



**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-254
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 10287/1239

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

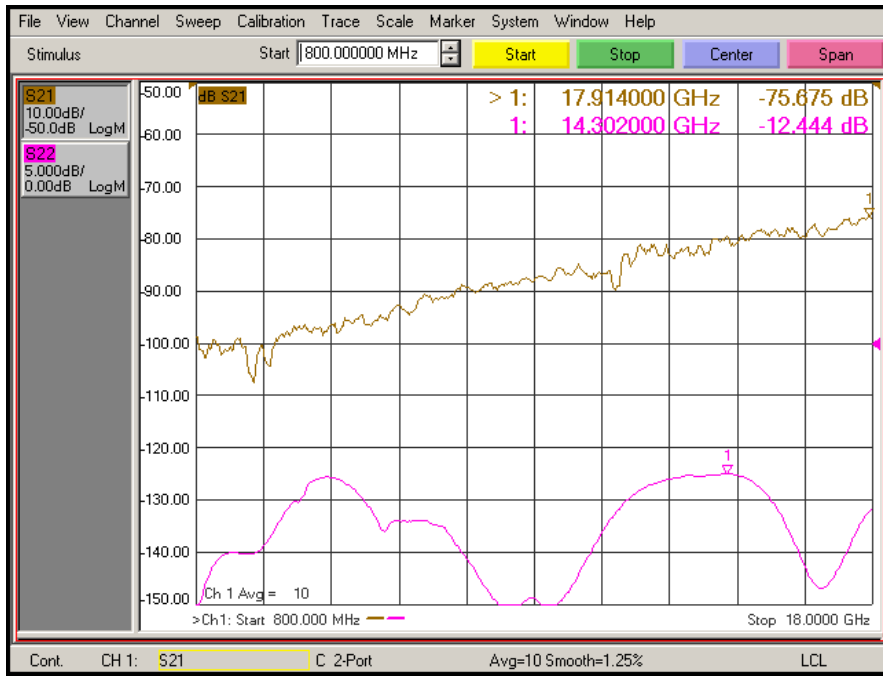


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



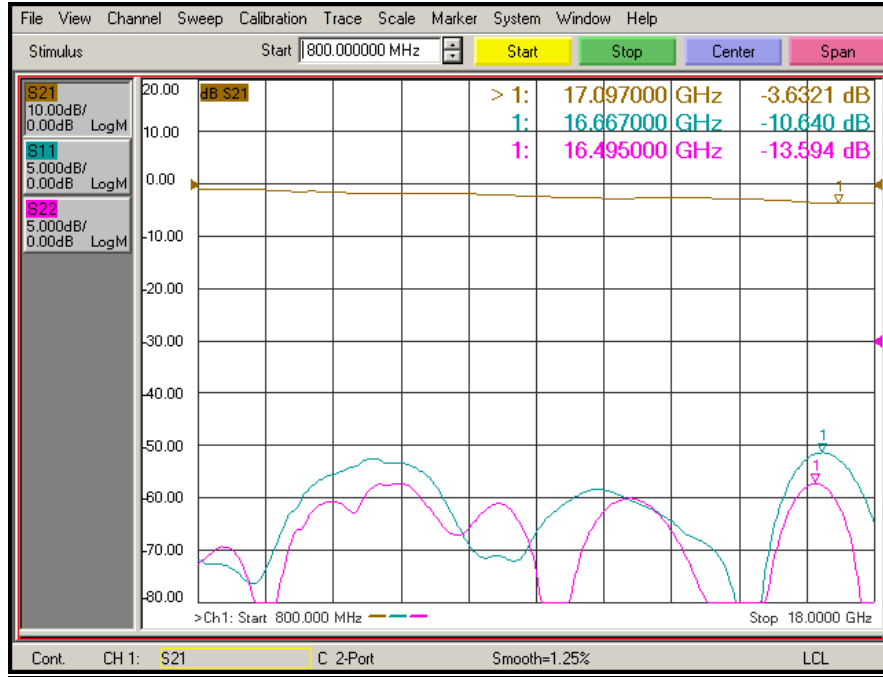
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



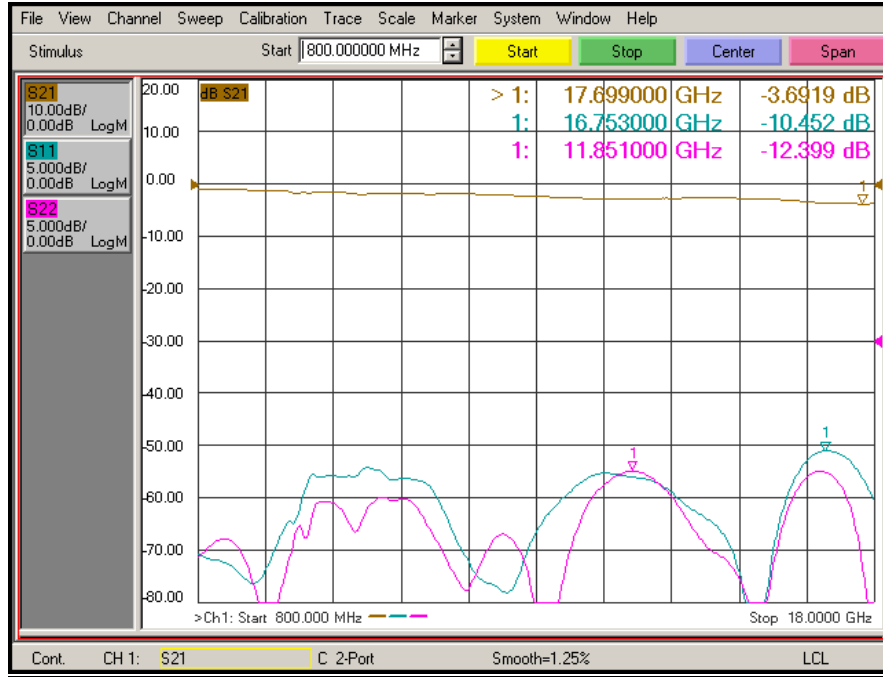
(J8 - J2) Isolation and Termination Return Loss



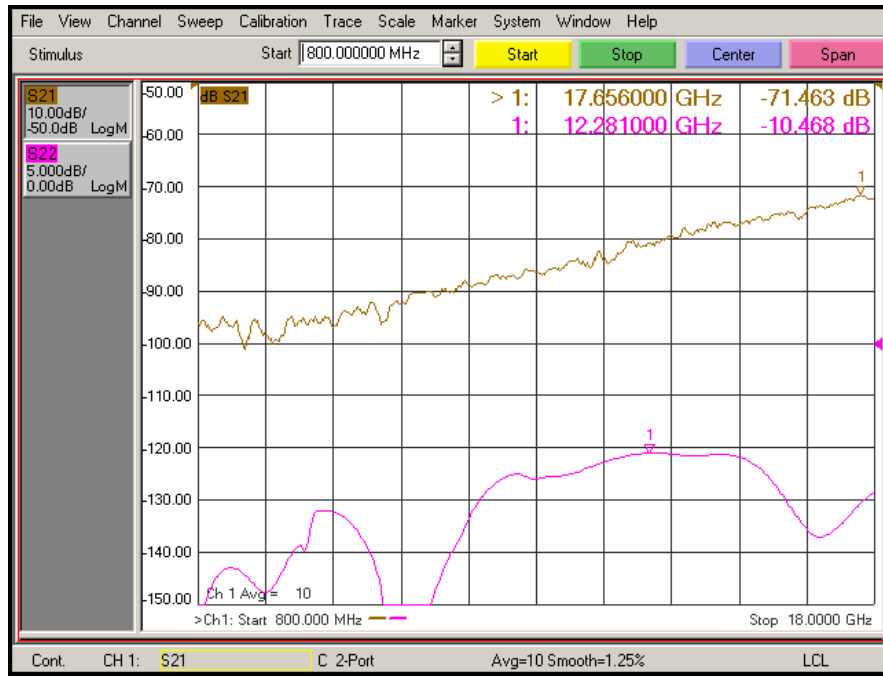


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss



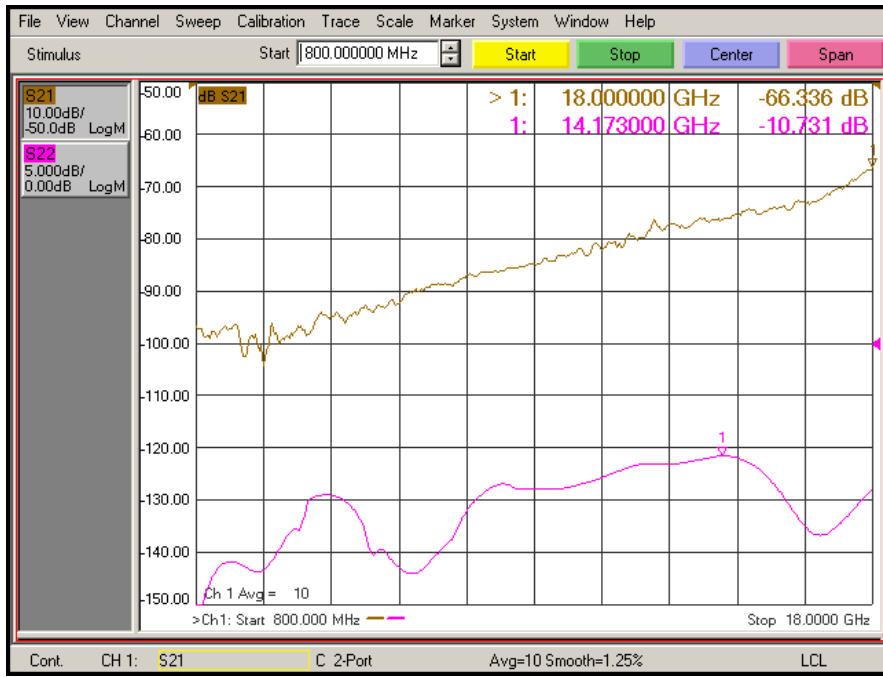


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



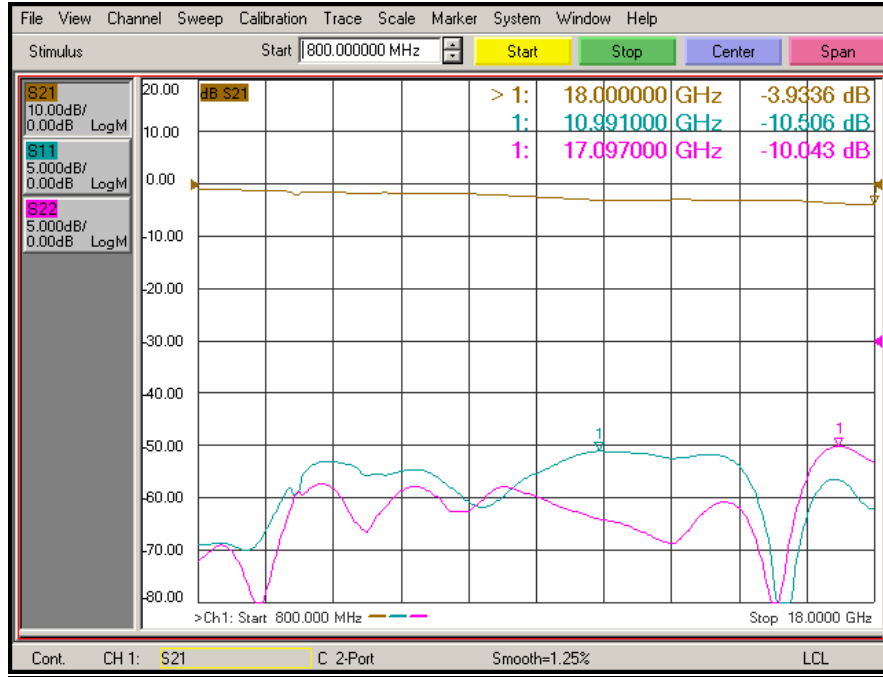
(J8 - J6) Isolation and Termination Return Loss



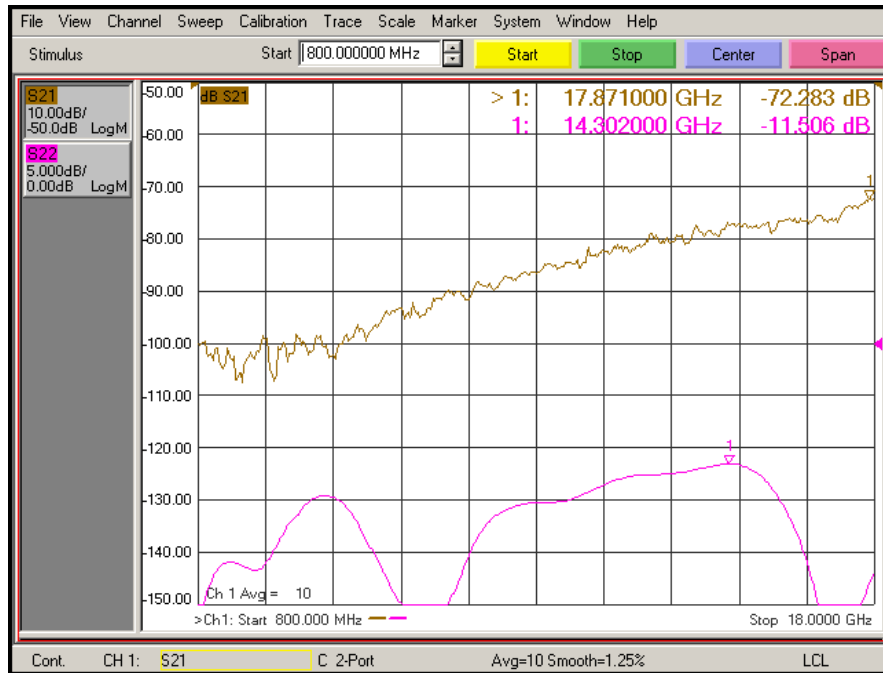


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-254
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 10378/1239

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

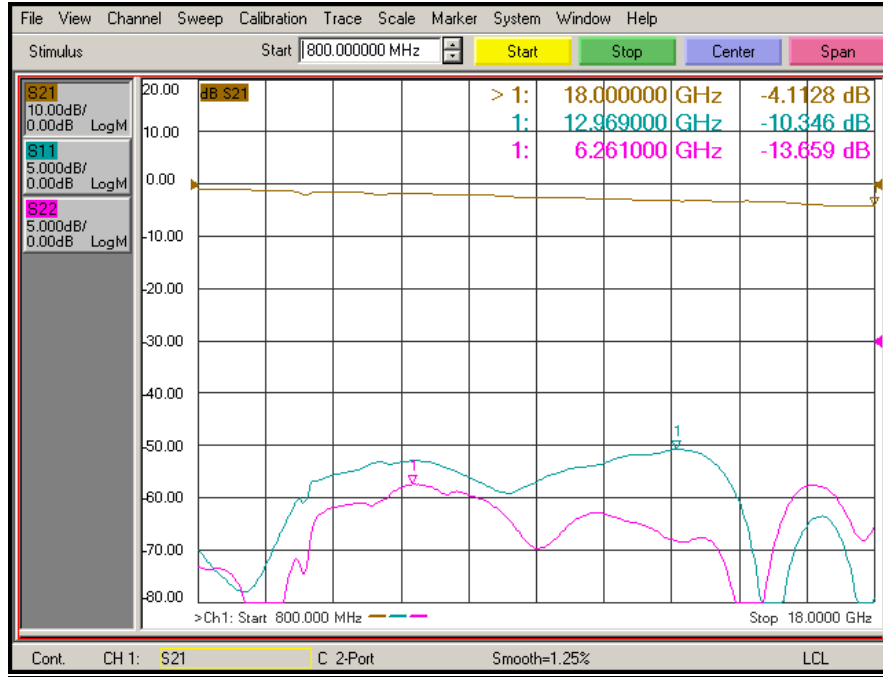
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

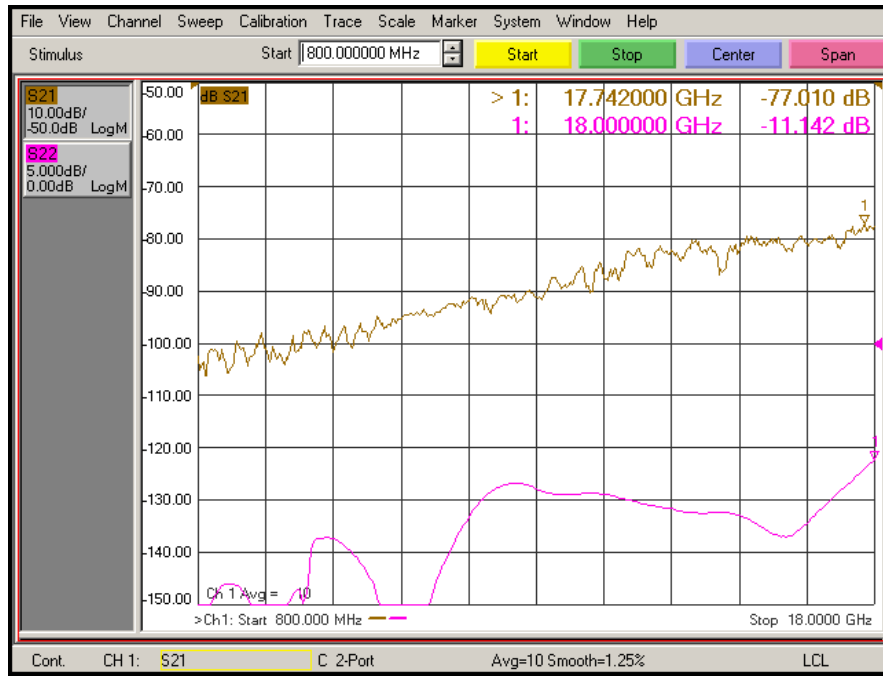


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



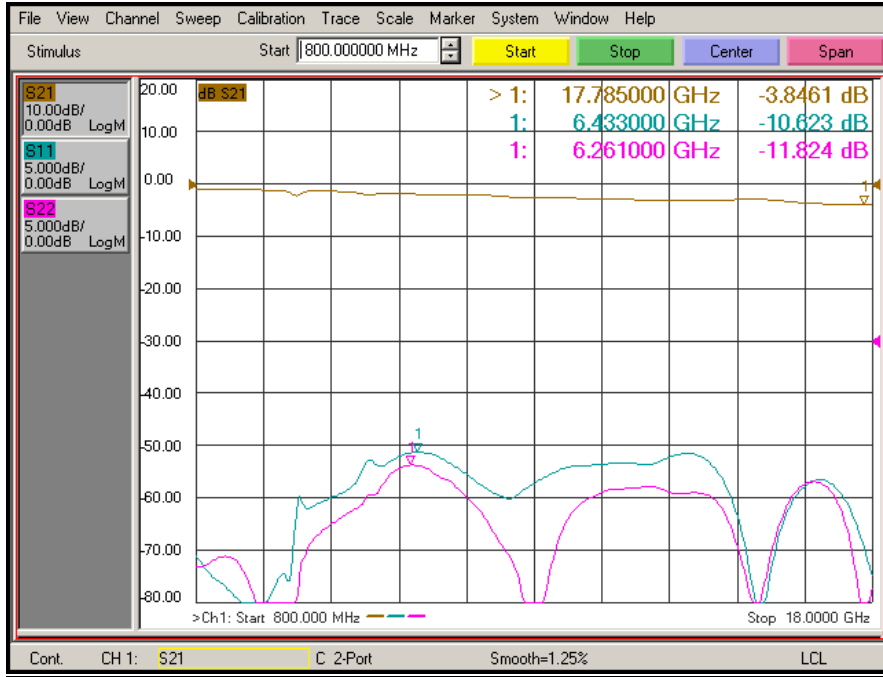
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



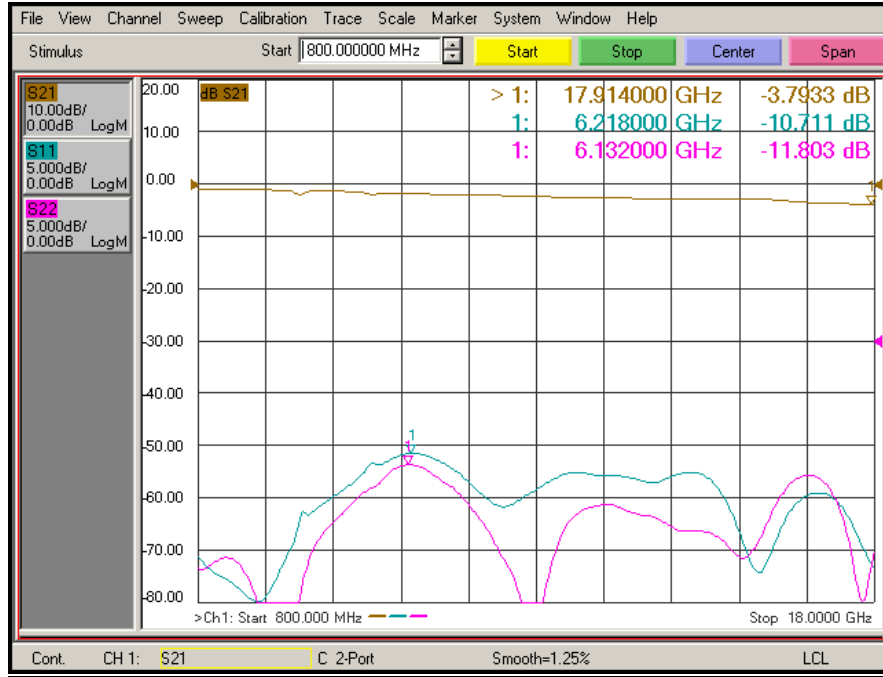
(J8 - J2) Isolation and Termination Return Loss



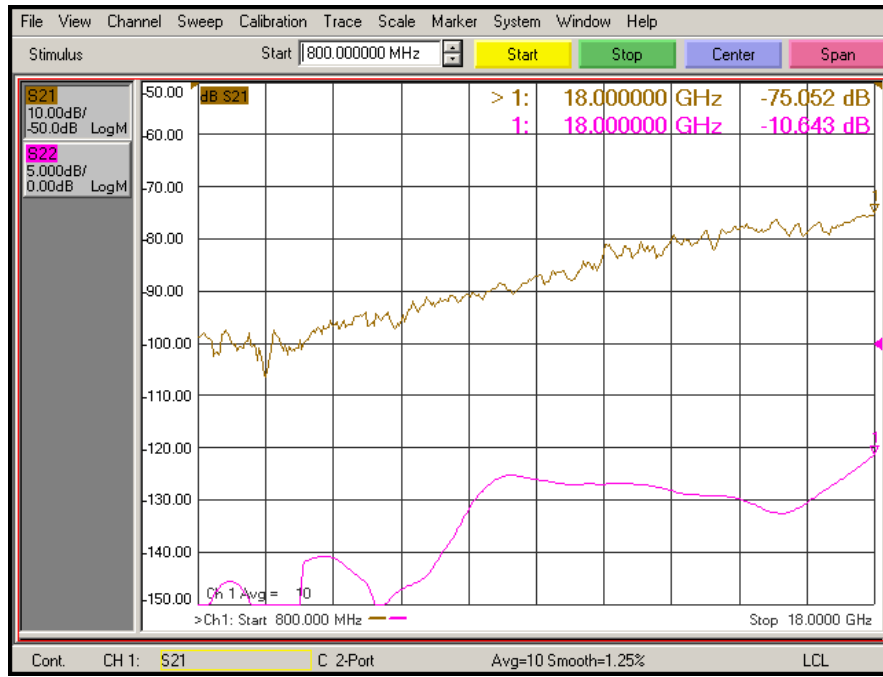


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J3) Insertion Loss and Return Loss



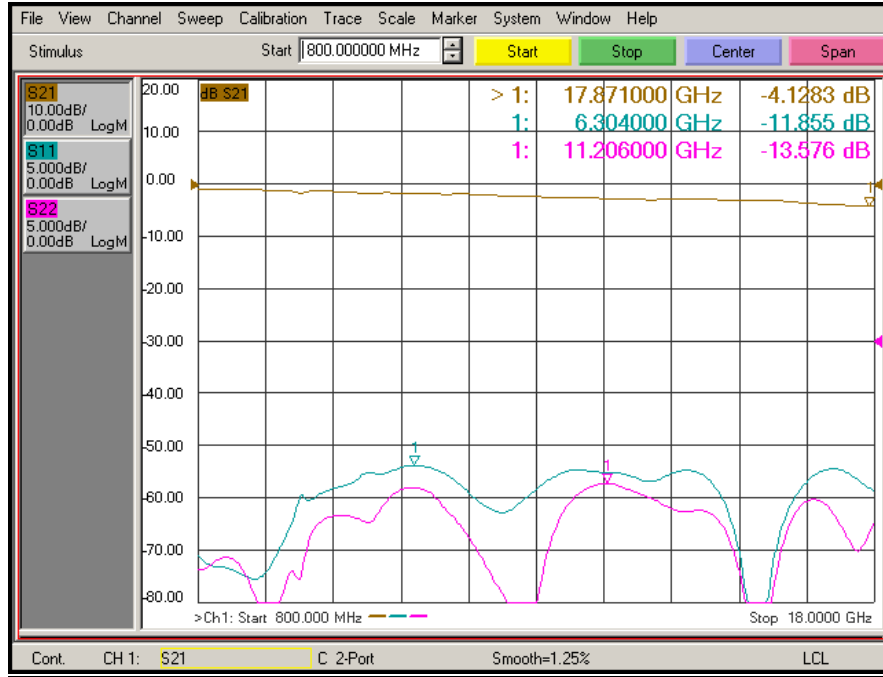
(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



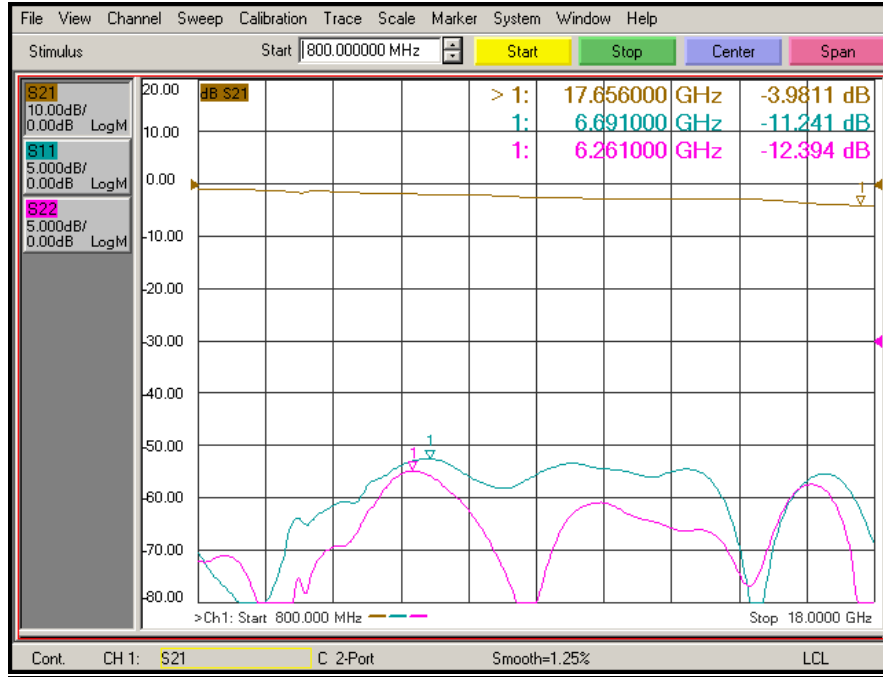
(J8 - J4) Isolation and Termination Return Loss



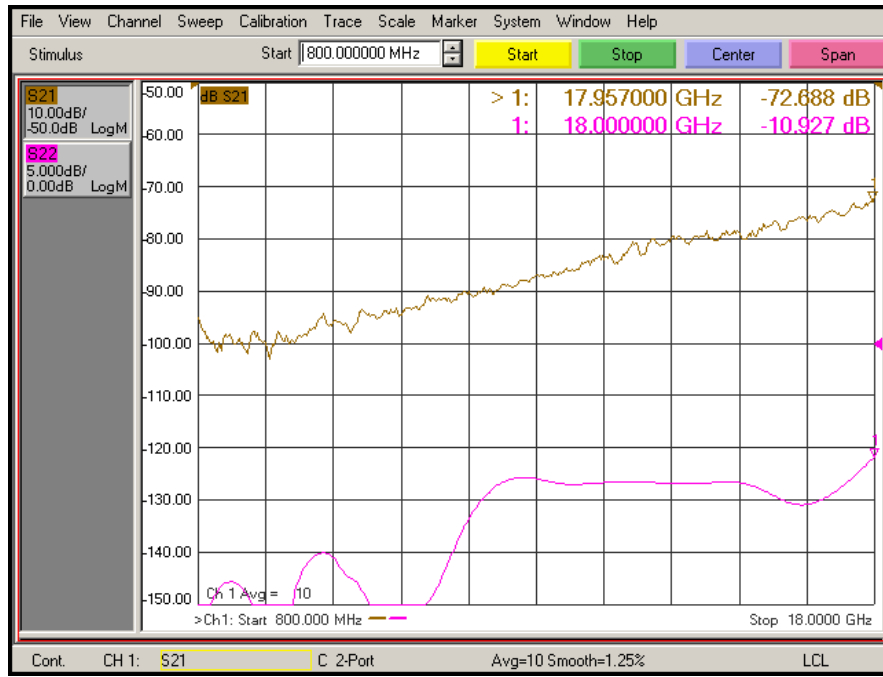


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



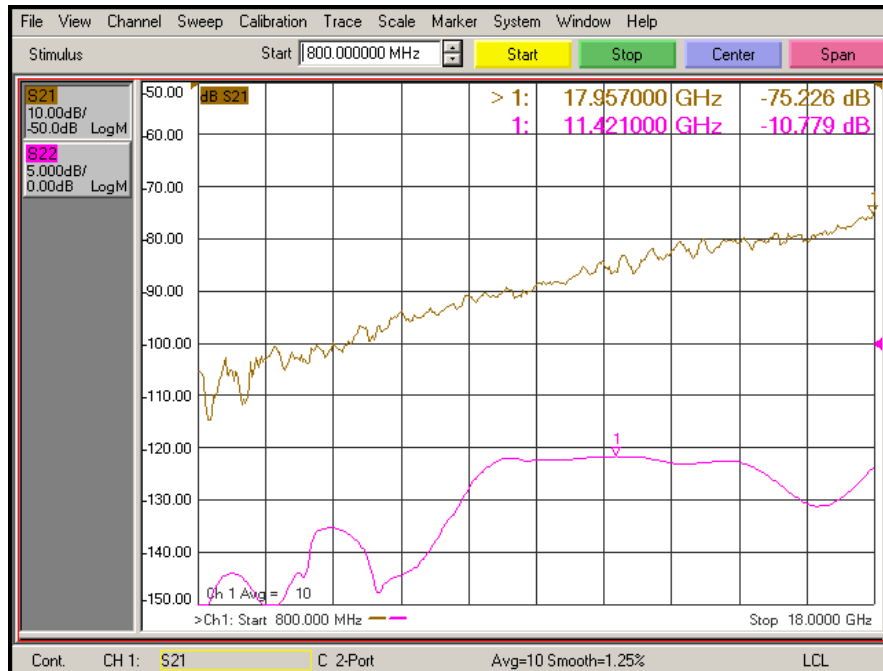


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-254
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 10421/1240

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

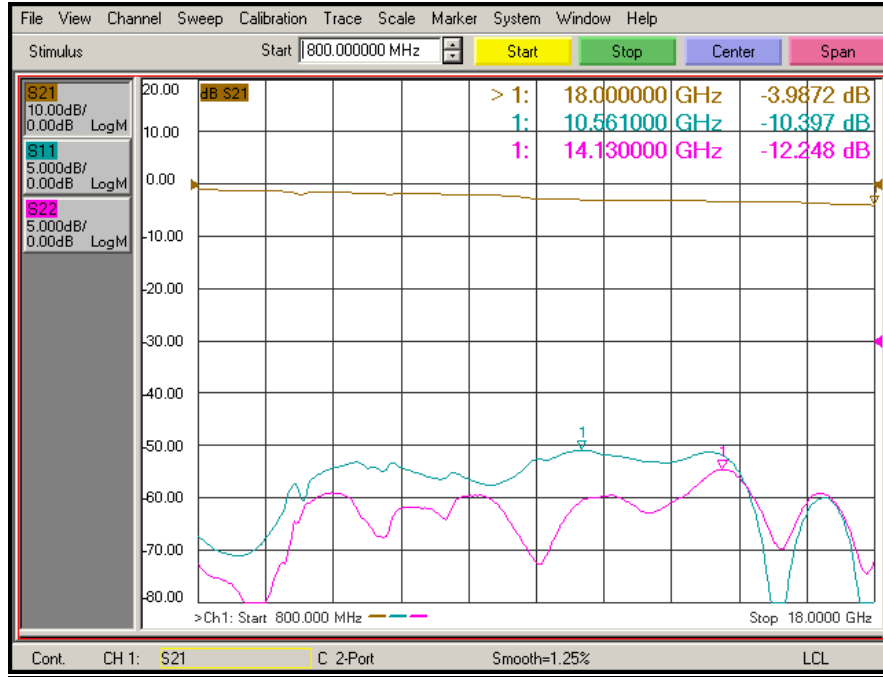
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

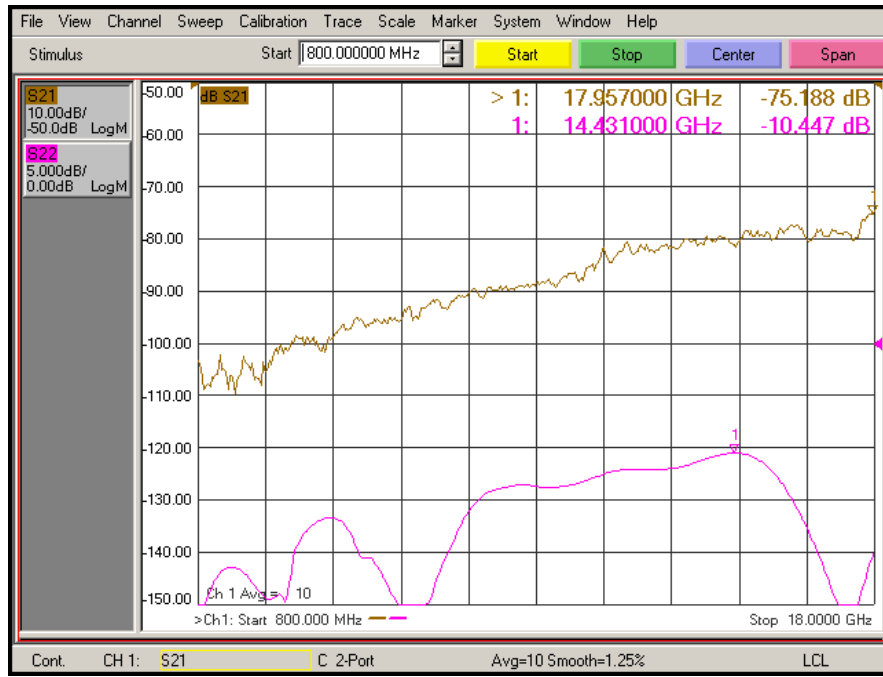


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



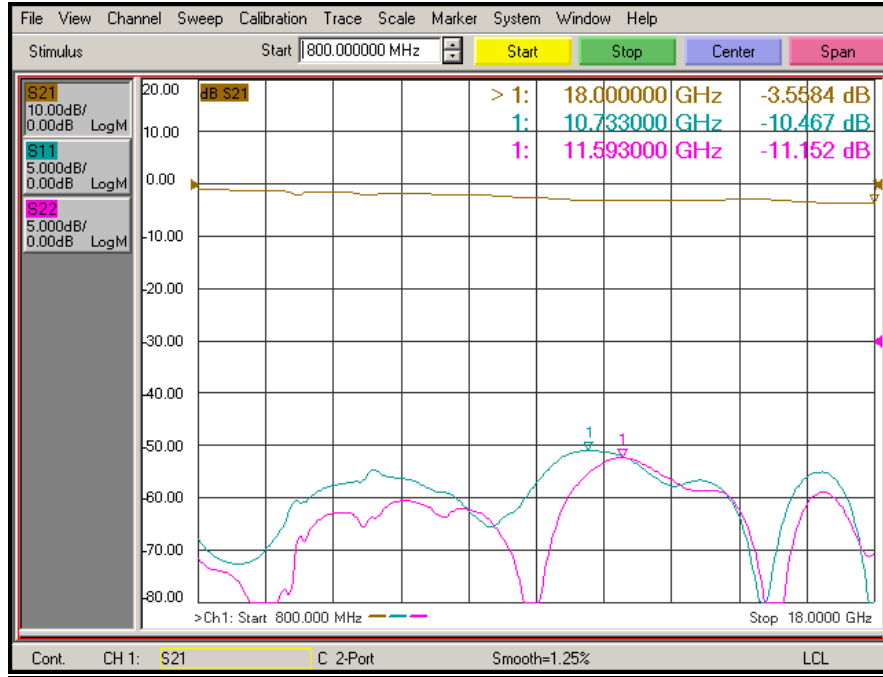
(J8 - J1) Isolation and Termination Return Loss



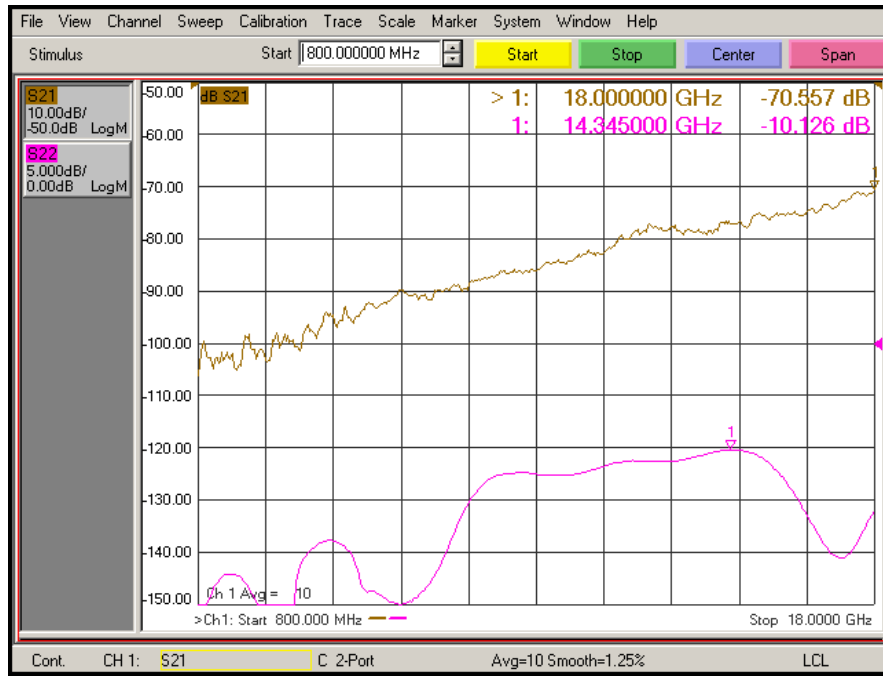


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



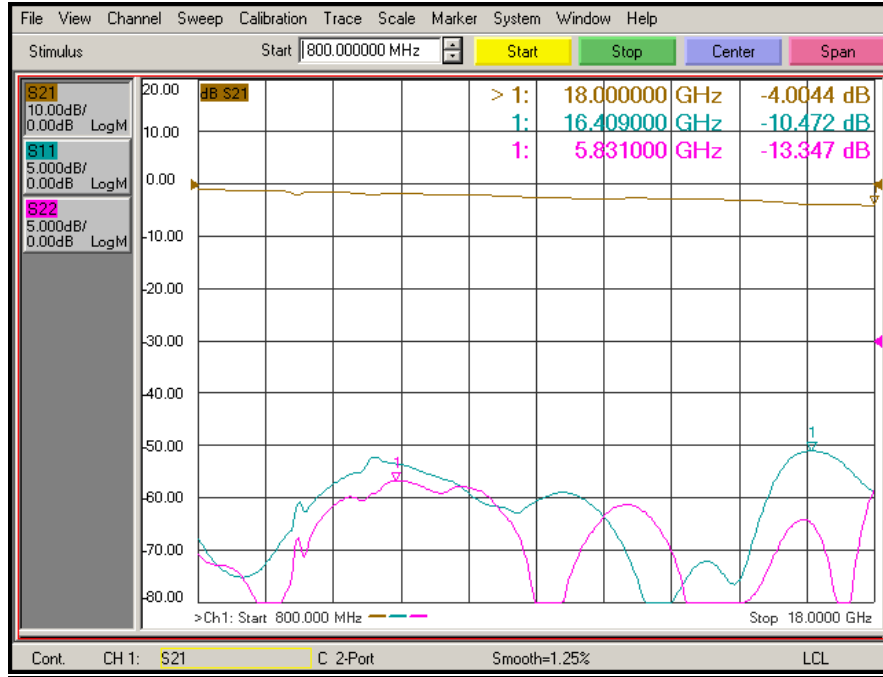
(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



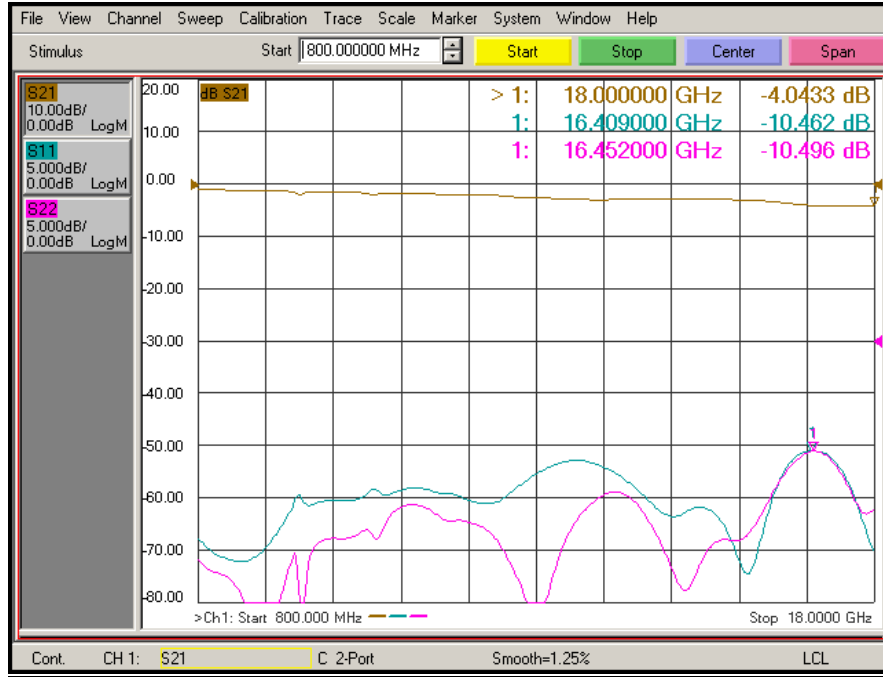
(J8 - J3) Isolation and Termination Return Loss



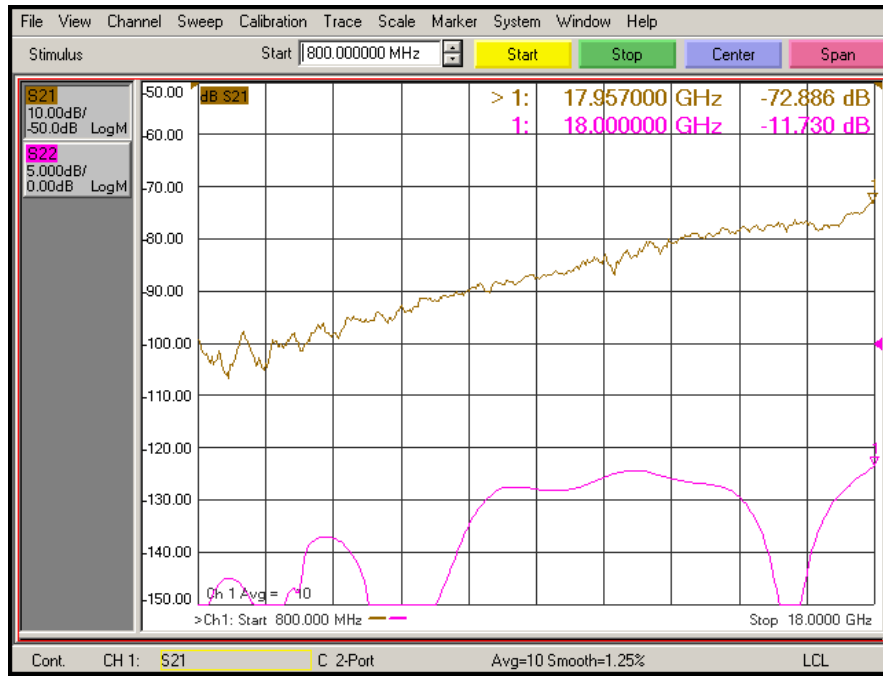


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



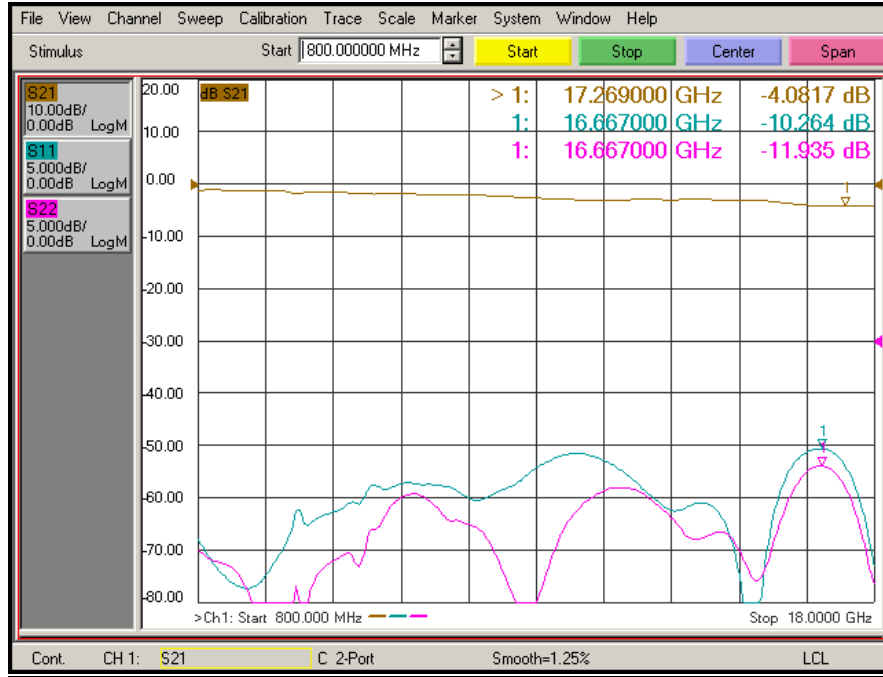
(J8 - J4) Isolation and Termination Return Loss



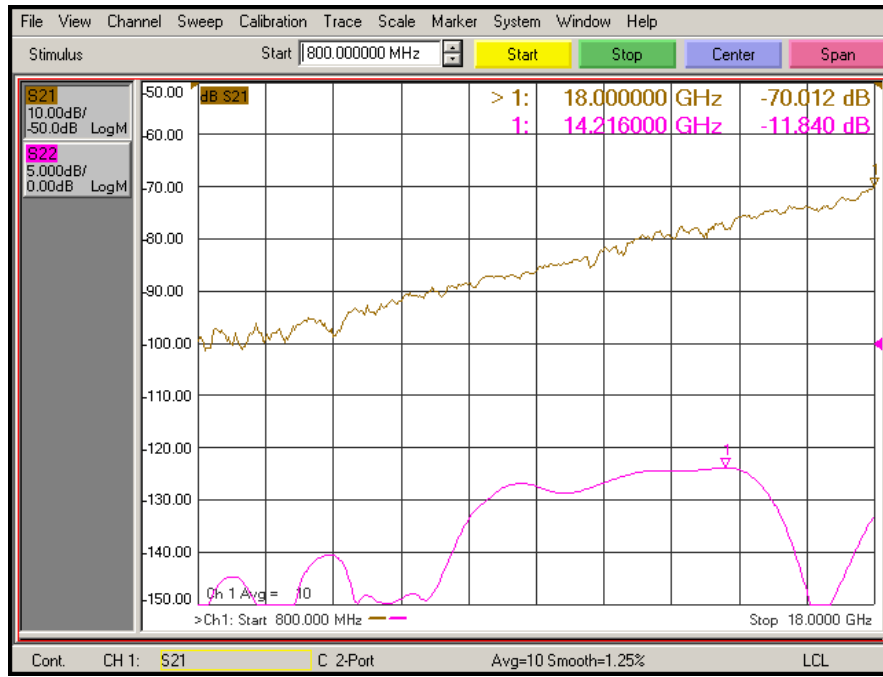


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss



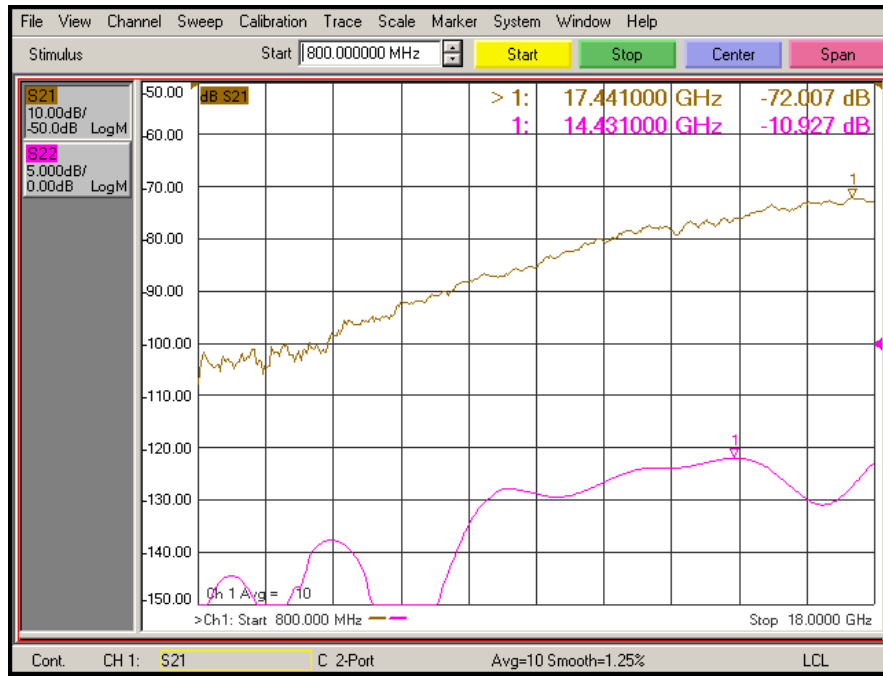


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



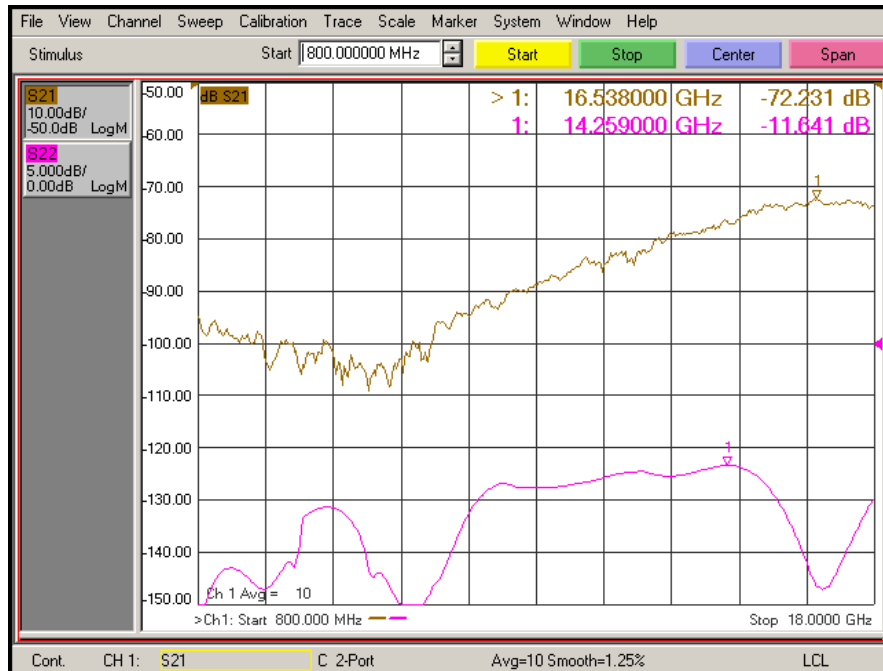


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-254
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11015/1242

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

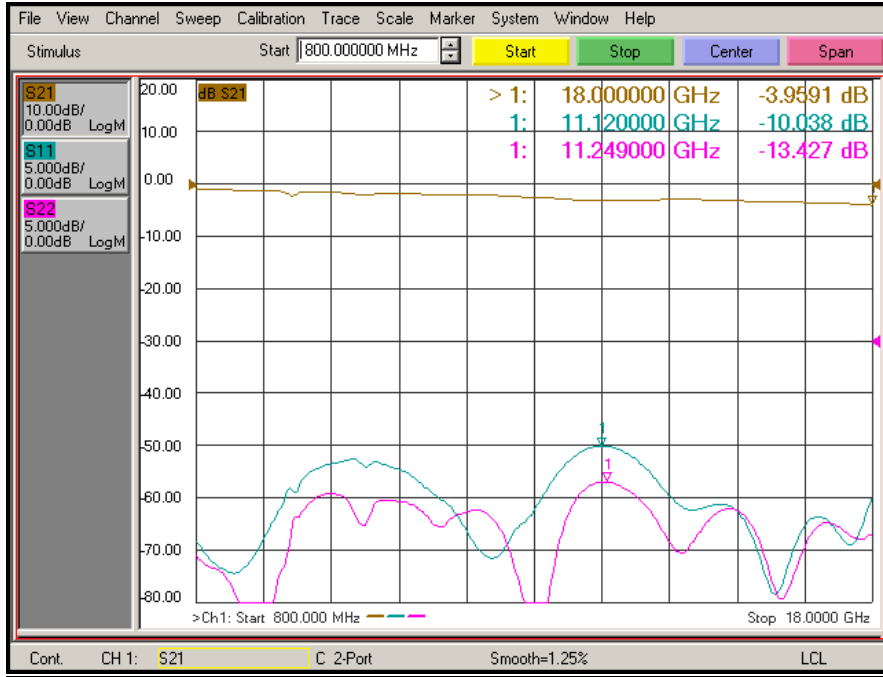
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



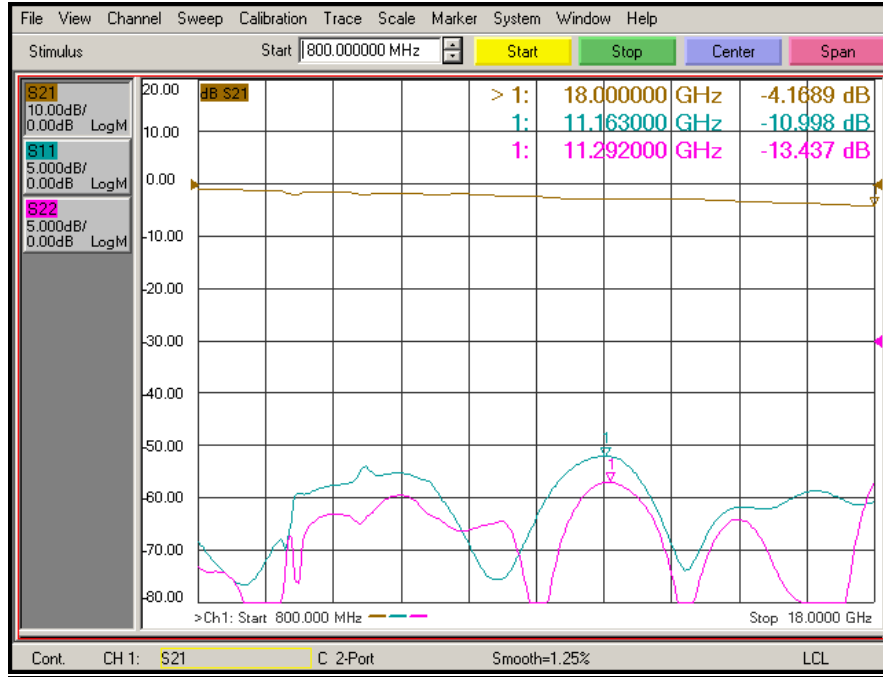
(J8 - J1) Isolation and Termination Return Loss



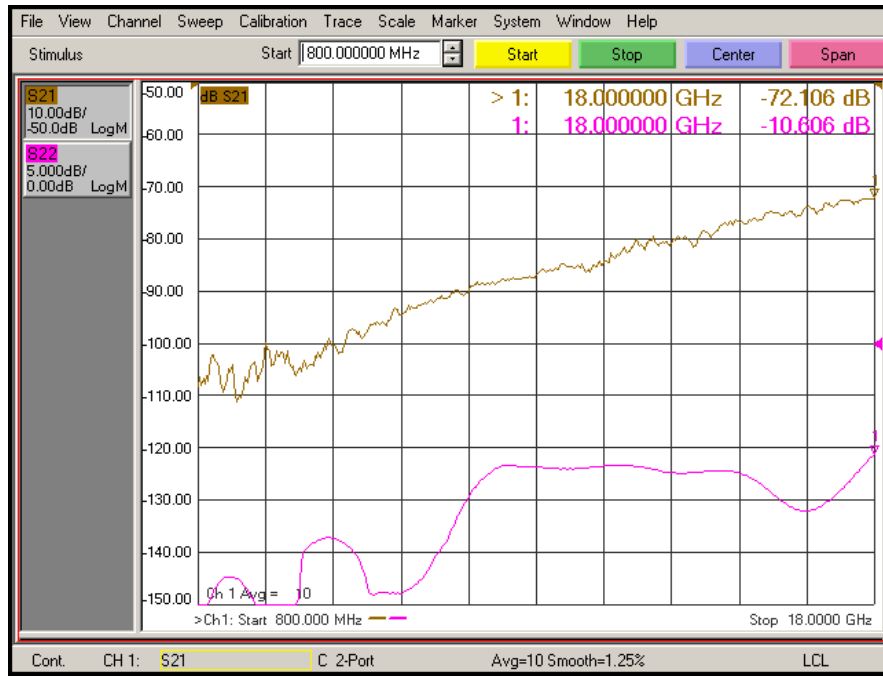


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



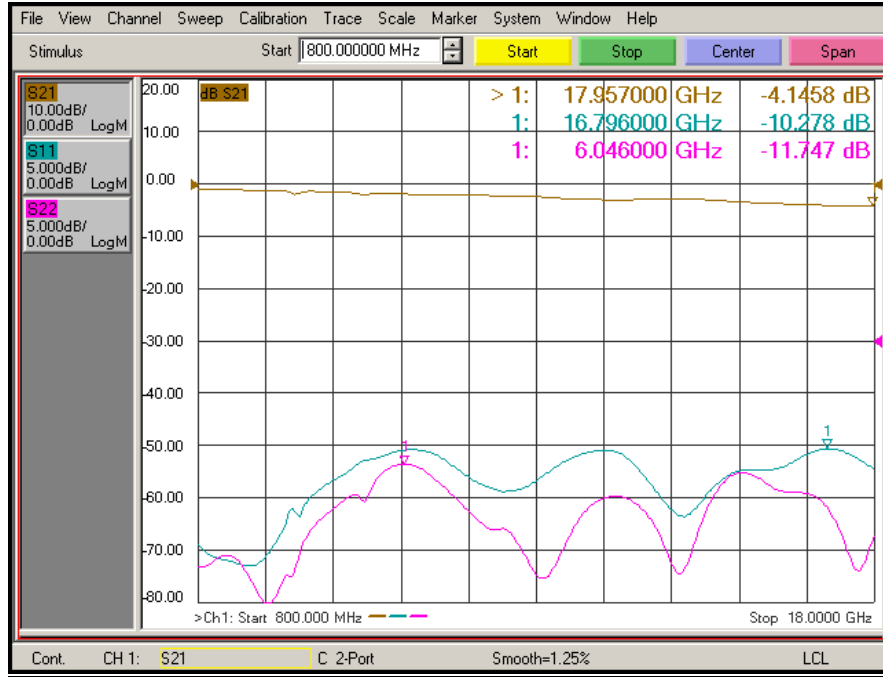
(J8 - J3) Isolation and Termination Return Loss



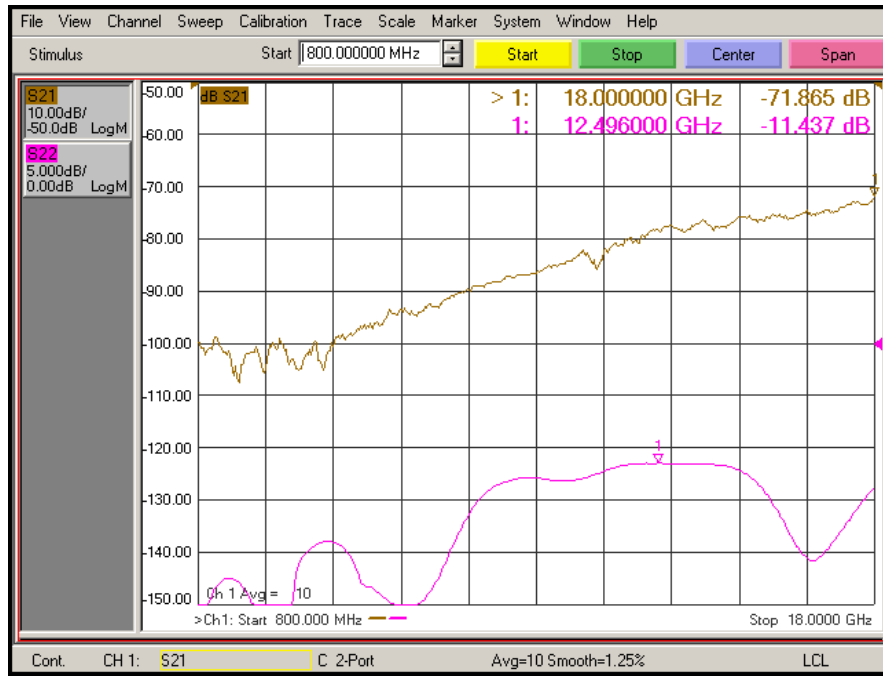


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J4) Insertion Loss and Return Loss



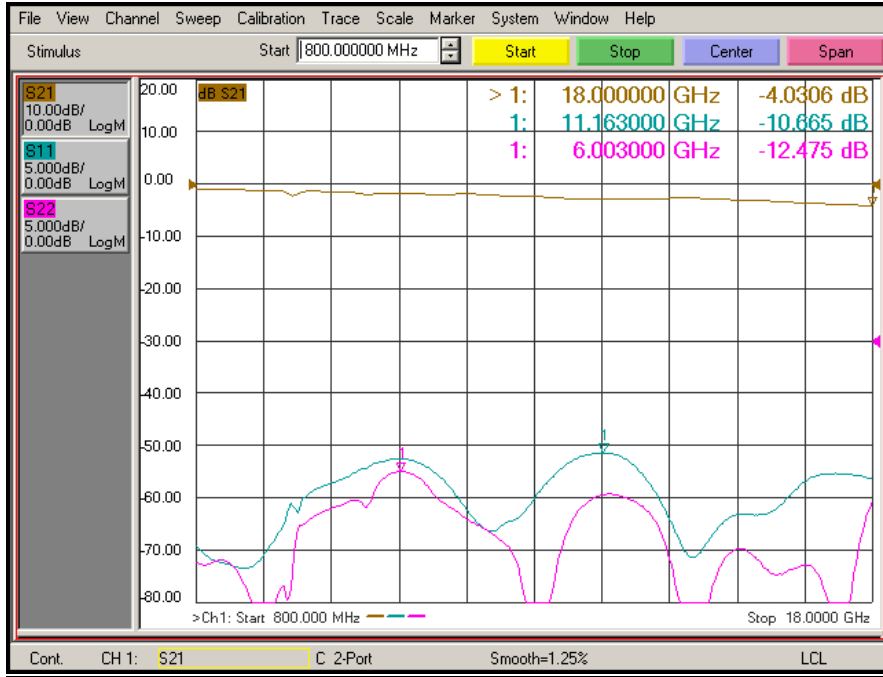
(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



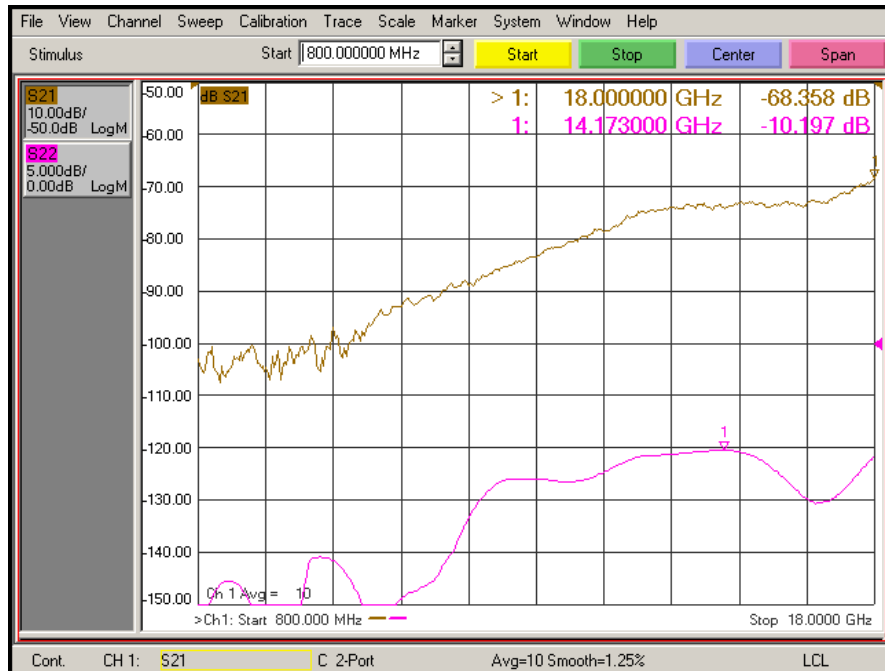


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-178
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11018/1226

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

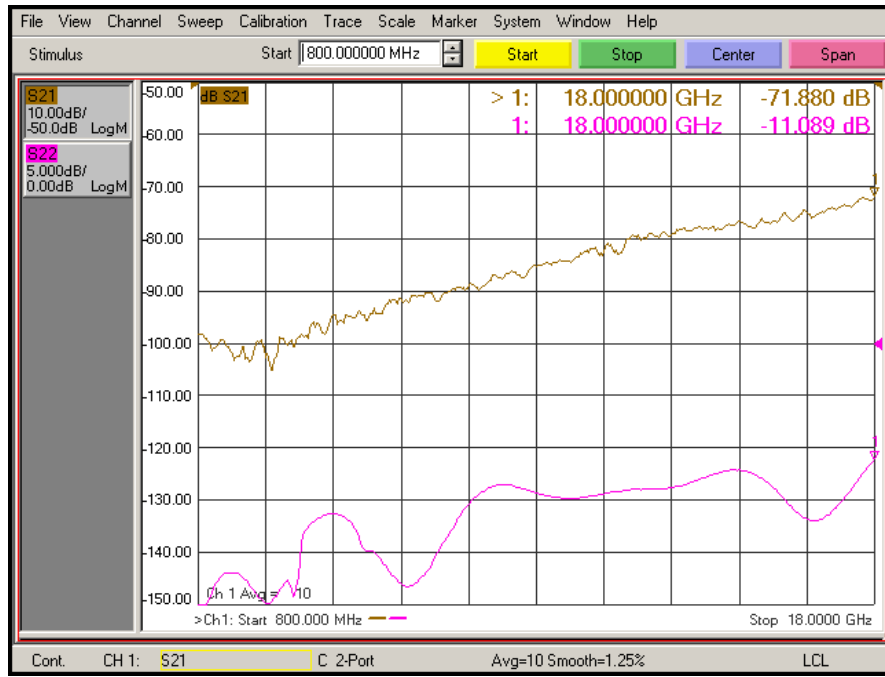


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



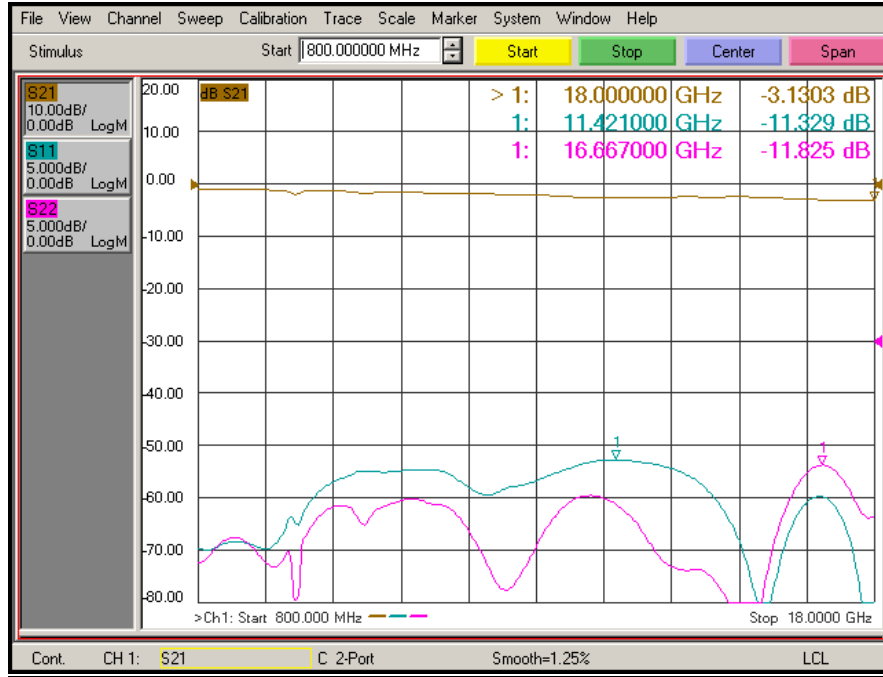
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



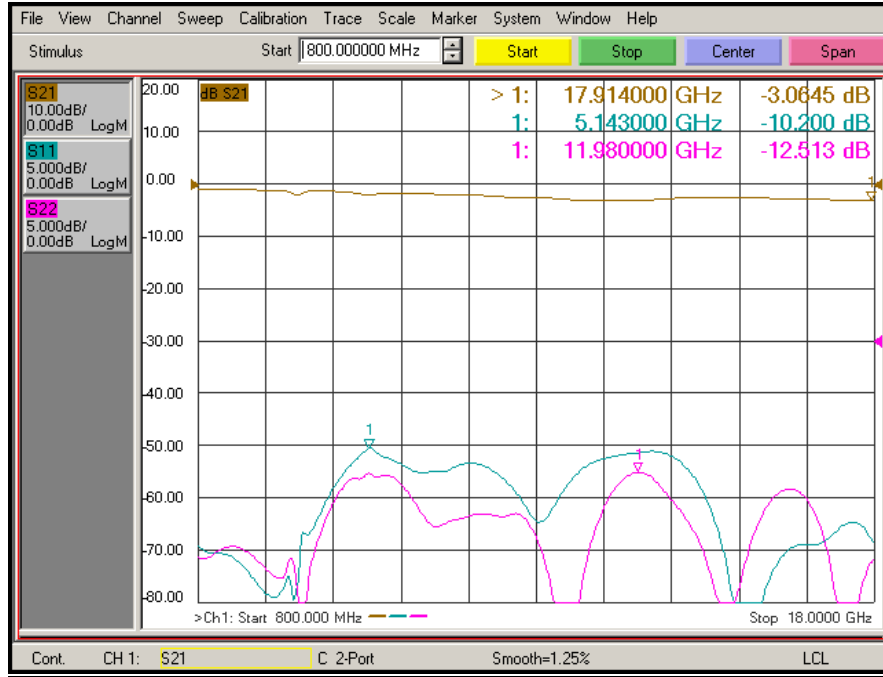
(J8 - J2) Isolation and Termination Return Loss



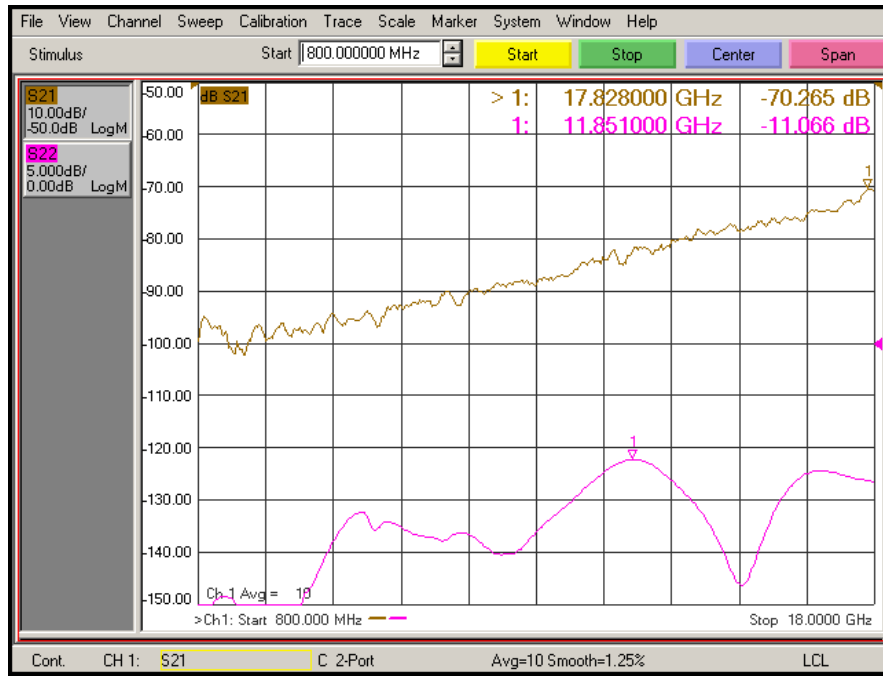


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



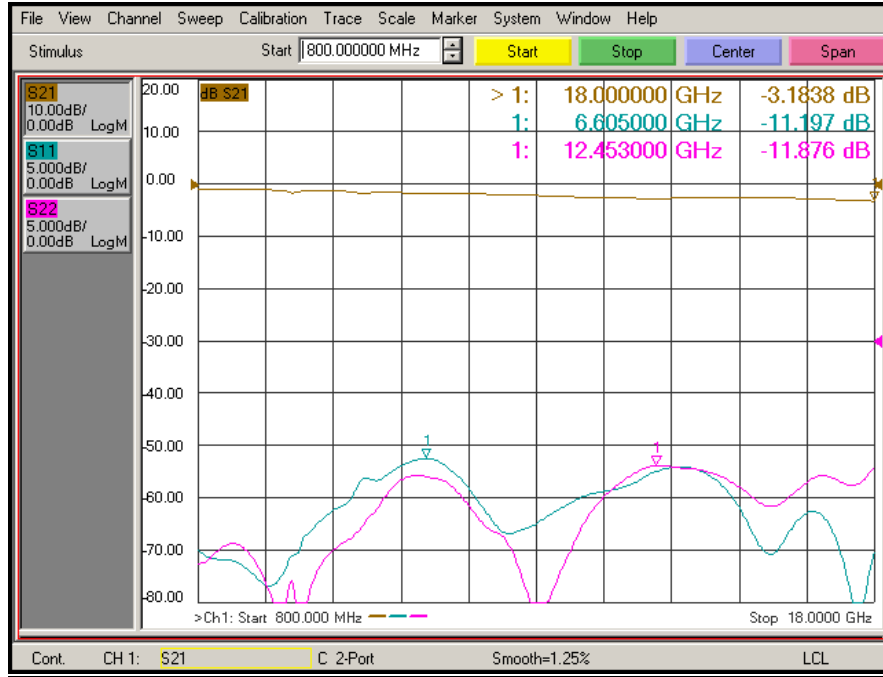
(J8 - J3) Isolation and Termination Return Loss



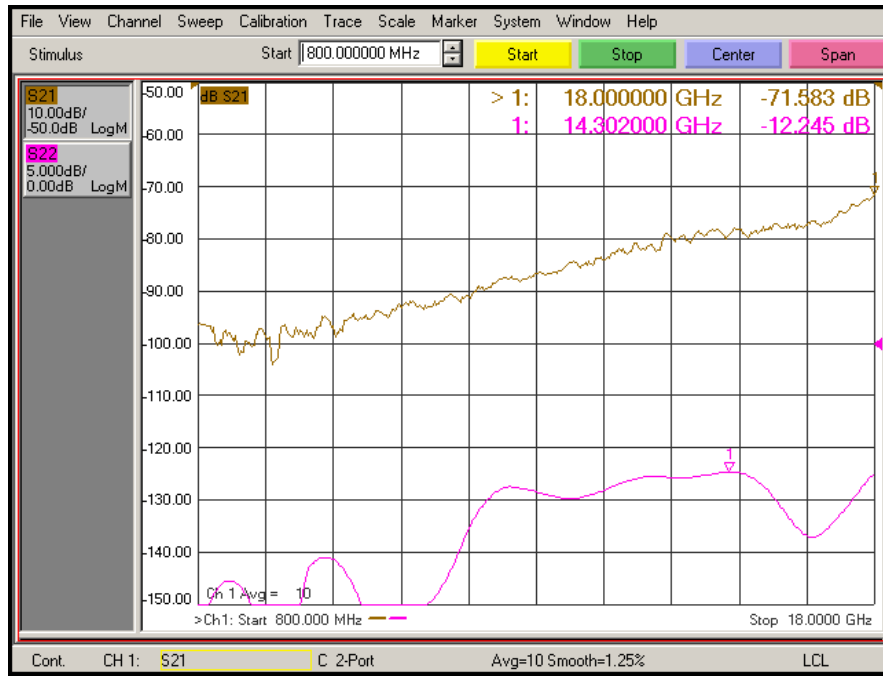


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



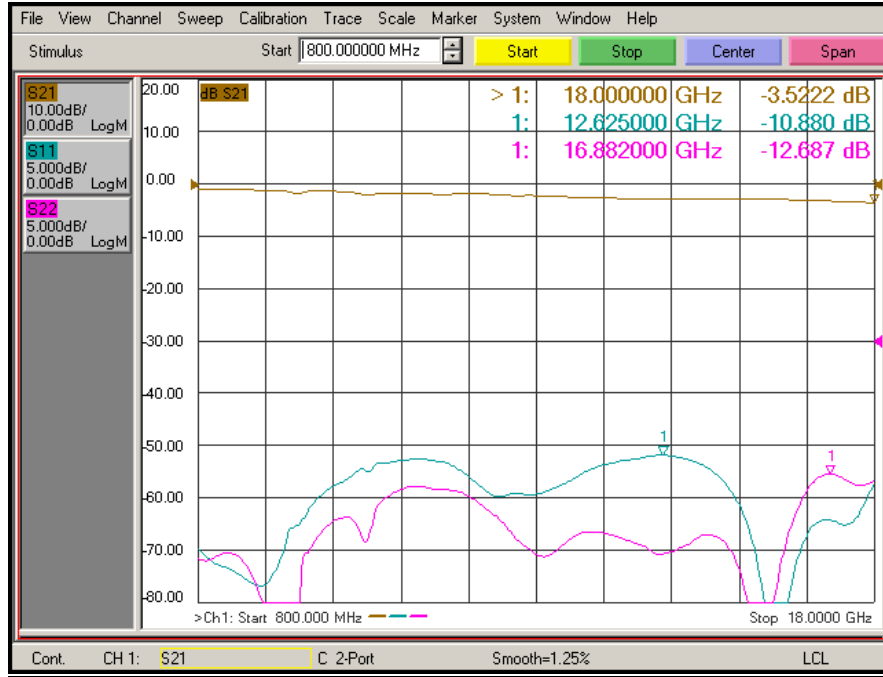
(J8 - J6) Isolation and Termination Return Loss



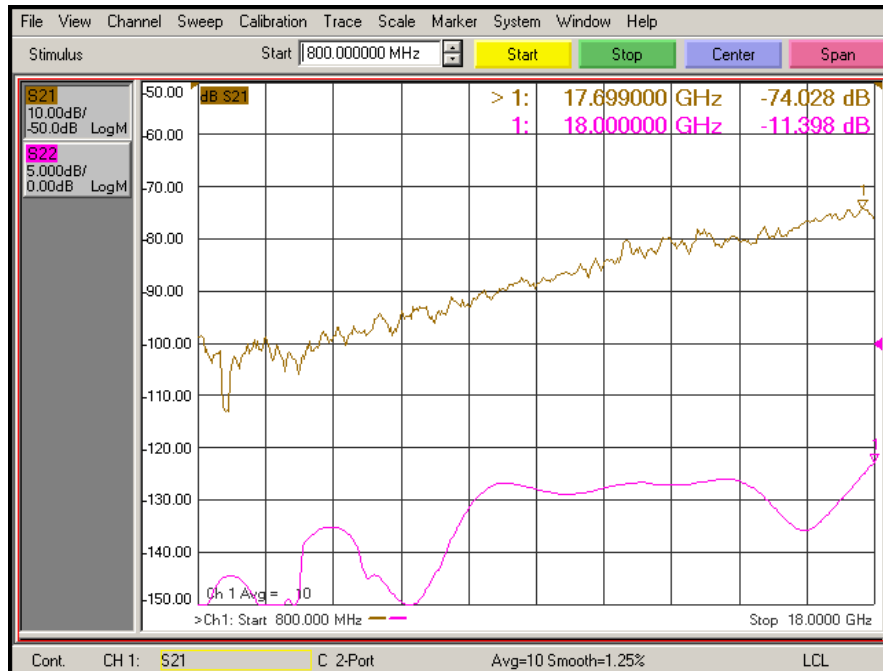


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-178
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11162/1227

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

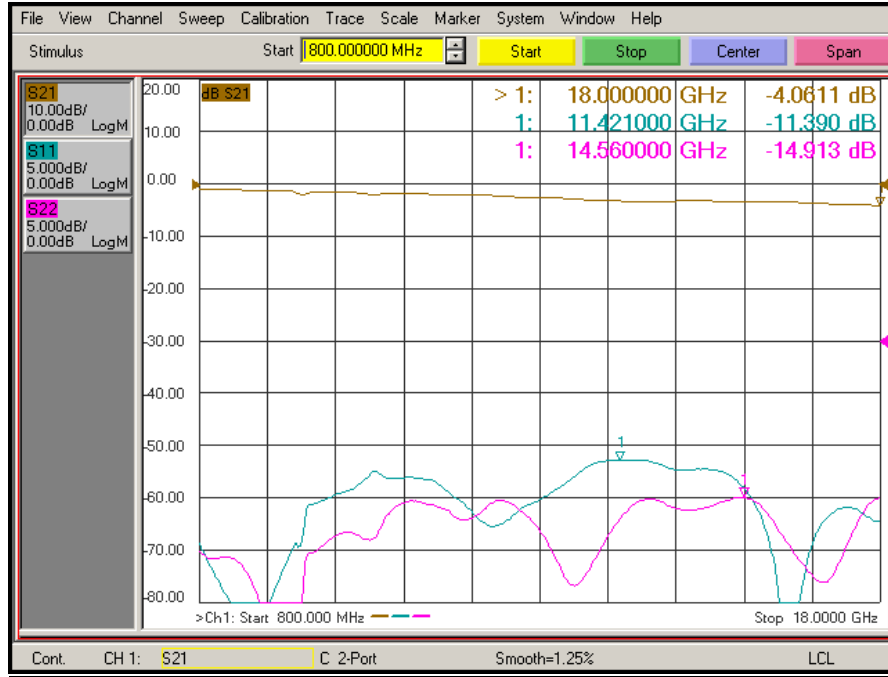
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



(J8 - J1) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



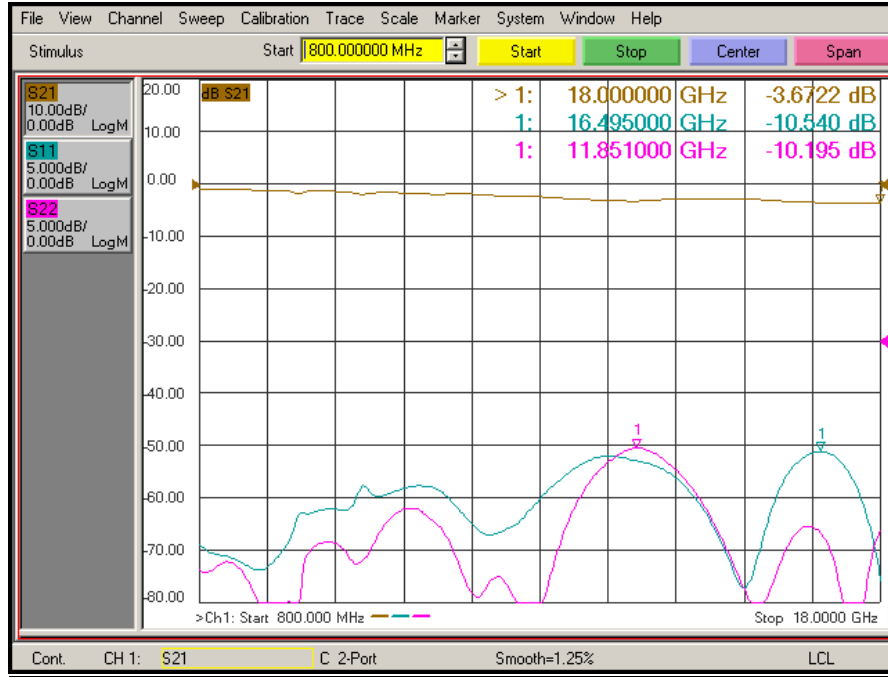
(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



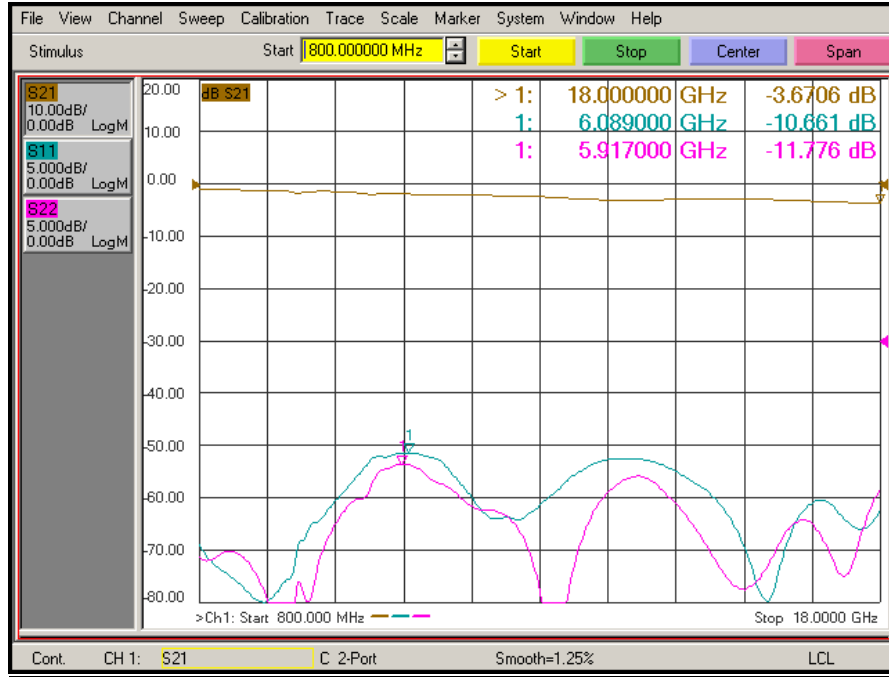
(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



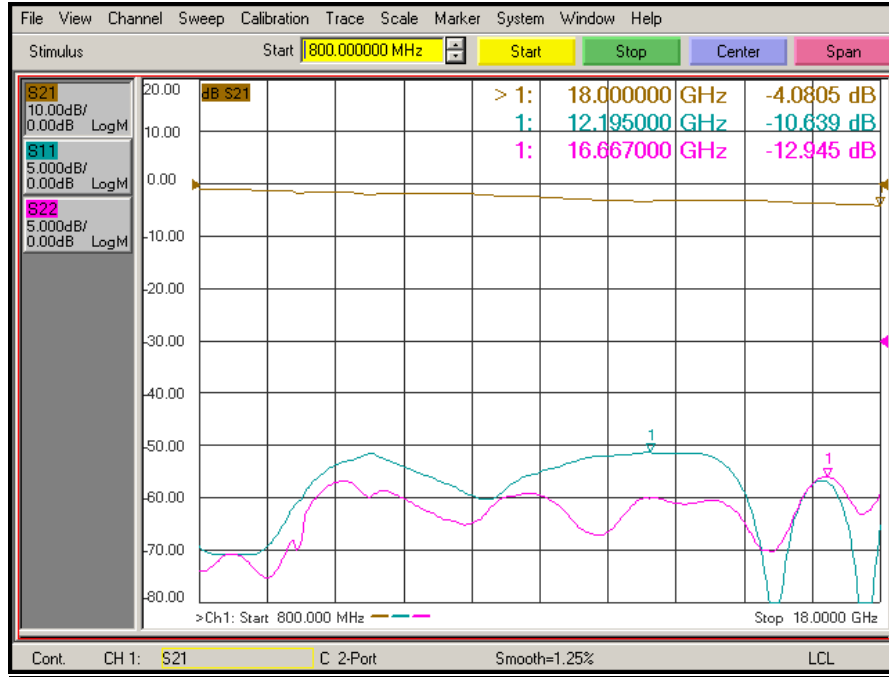
(J8 - J6) Isolation and Termination Return Loss



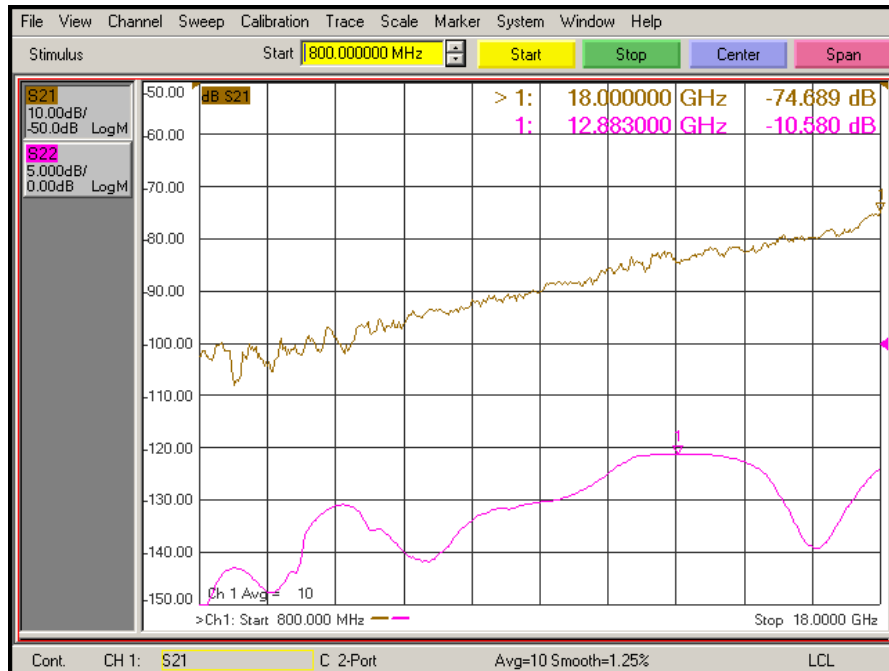


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-268
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11174/1227

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

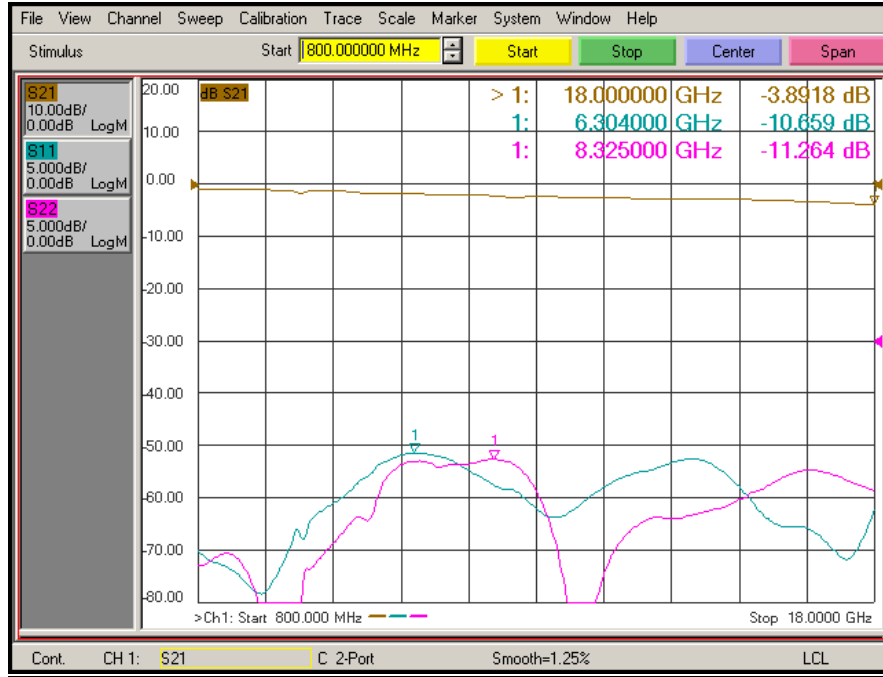
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

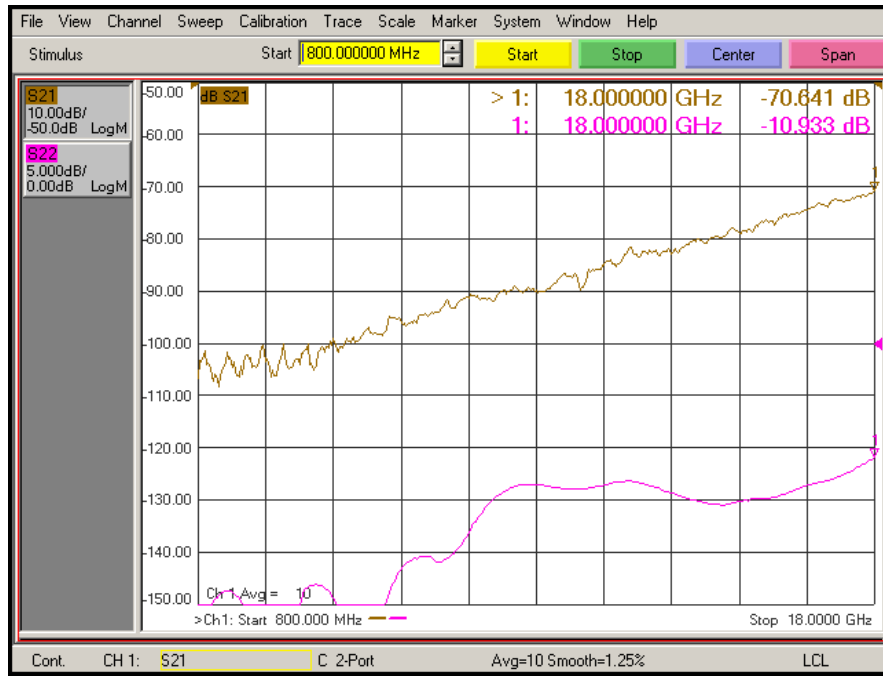


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J1) Insertion Loss and Return Loss



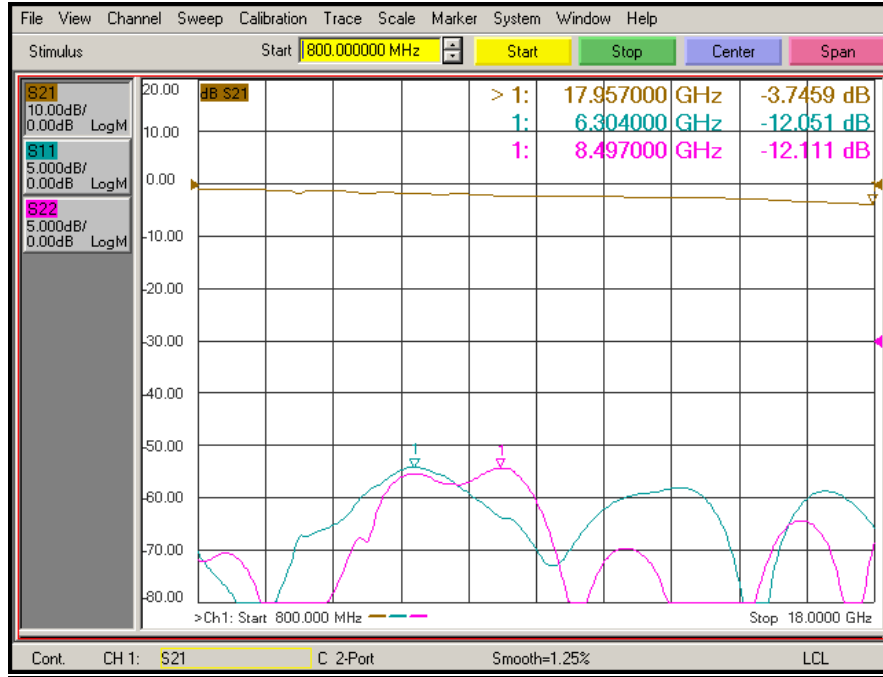
(J8 - J1) Isolation and Termination Return Loss



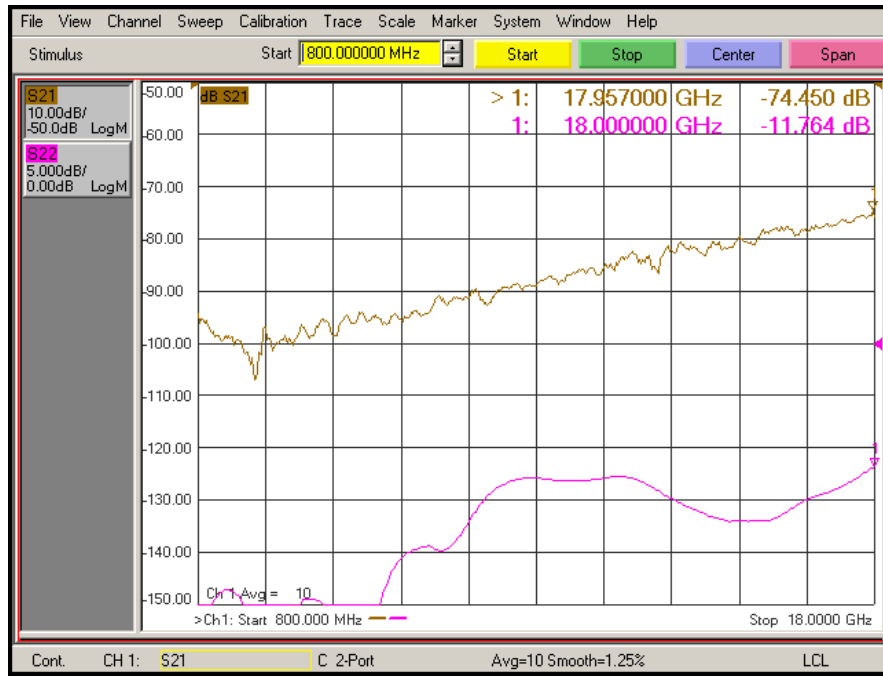


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss



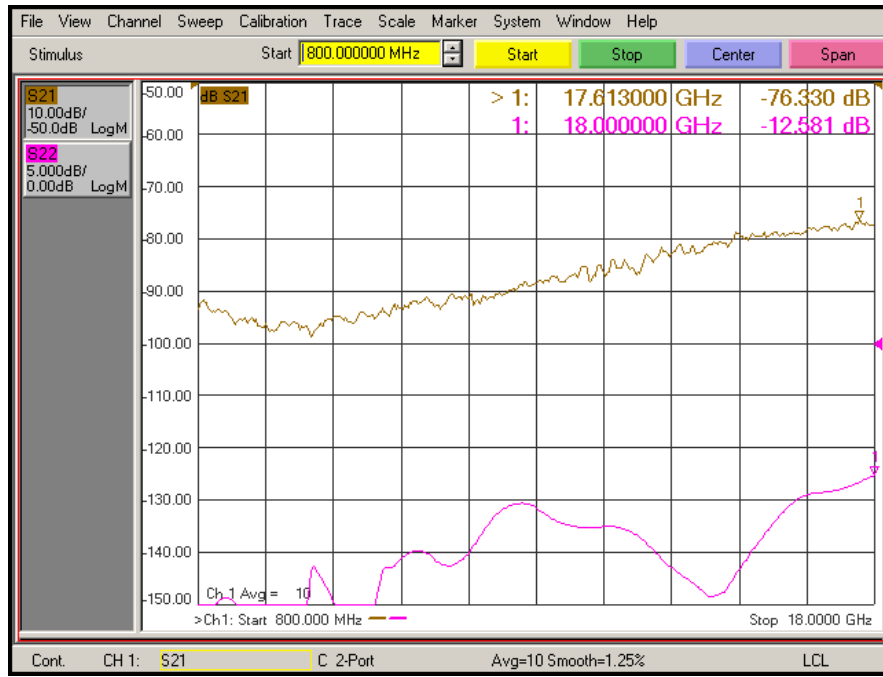


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss



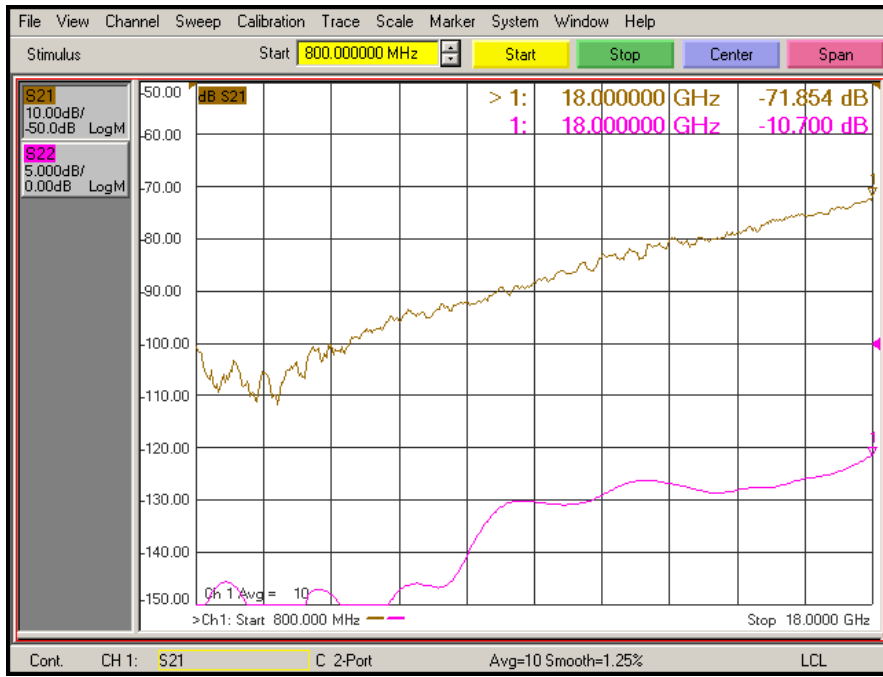


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



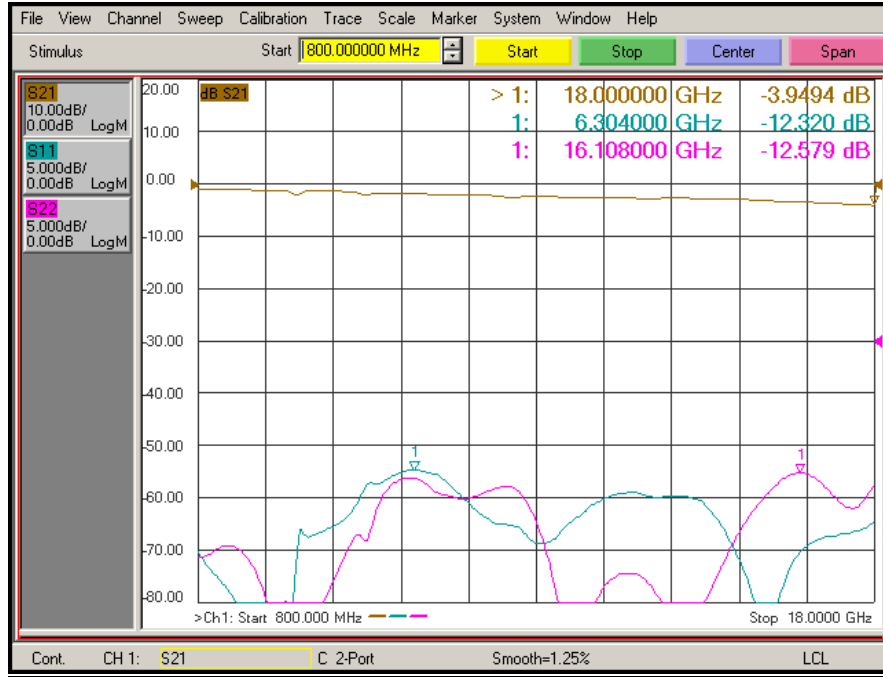
(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss



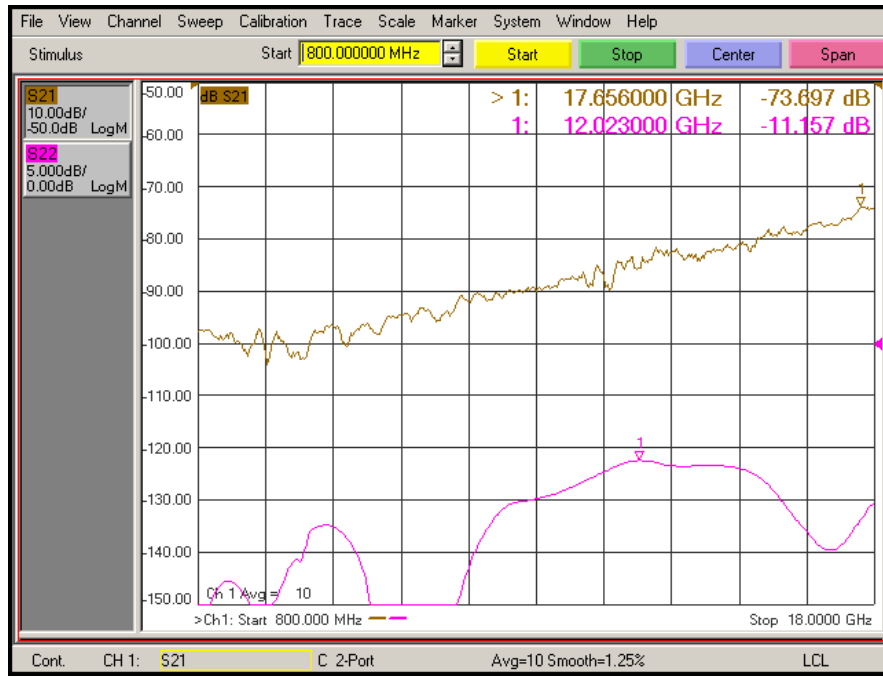


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



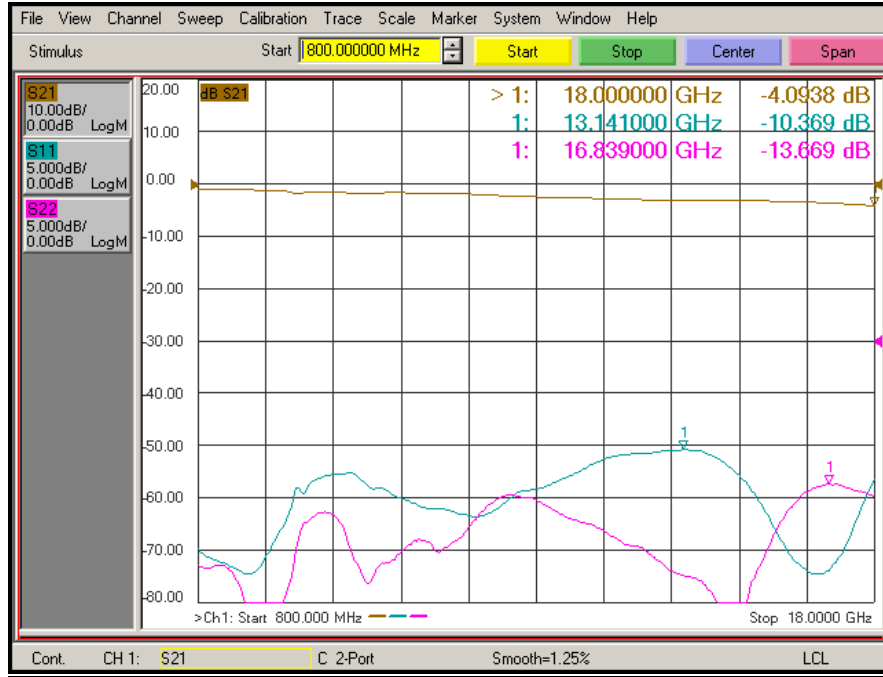
(J8 - J6) Isolation and Termination Return Loss



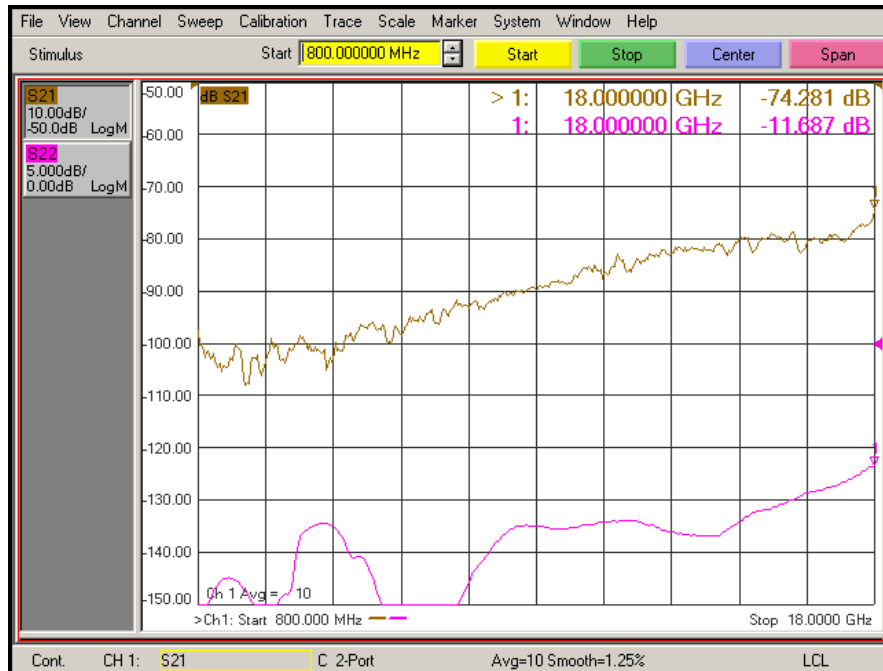


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-268
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11178/1243

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

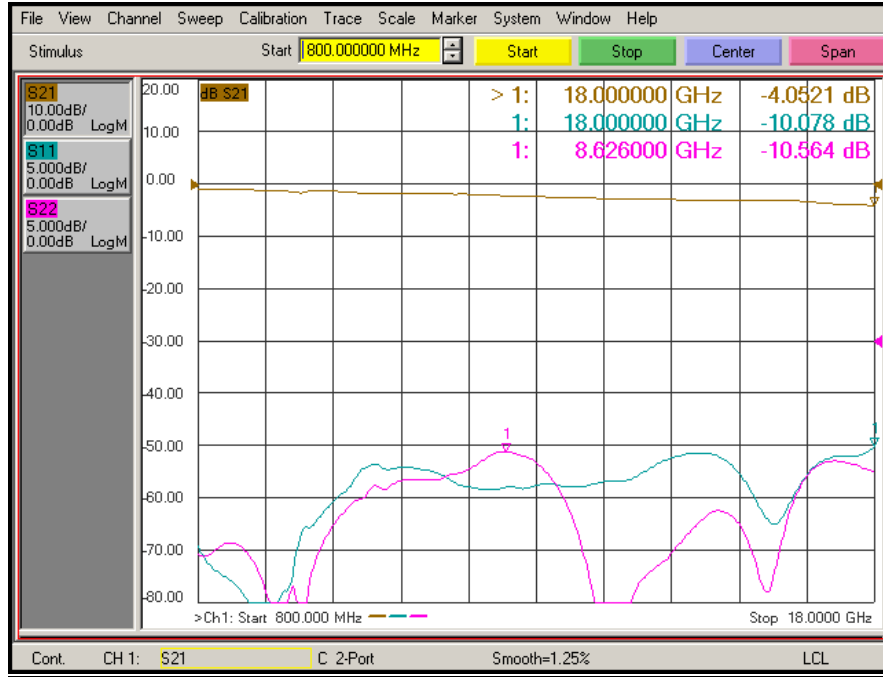
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

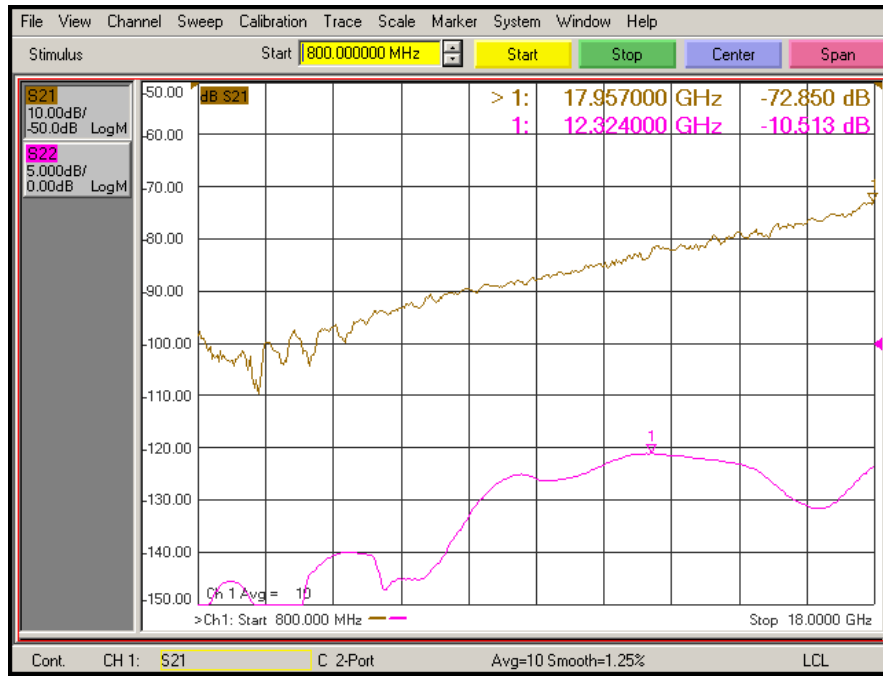


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



(J8 - J1) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J2) Insertion Loss and Return Loss



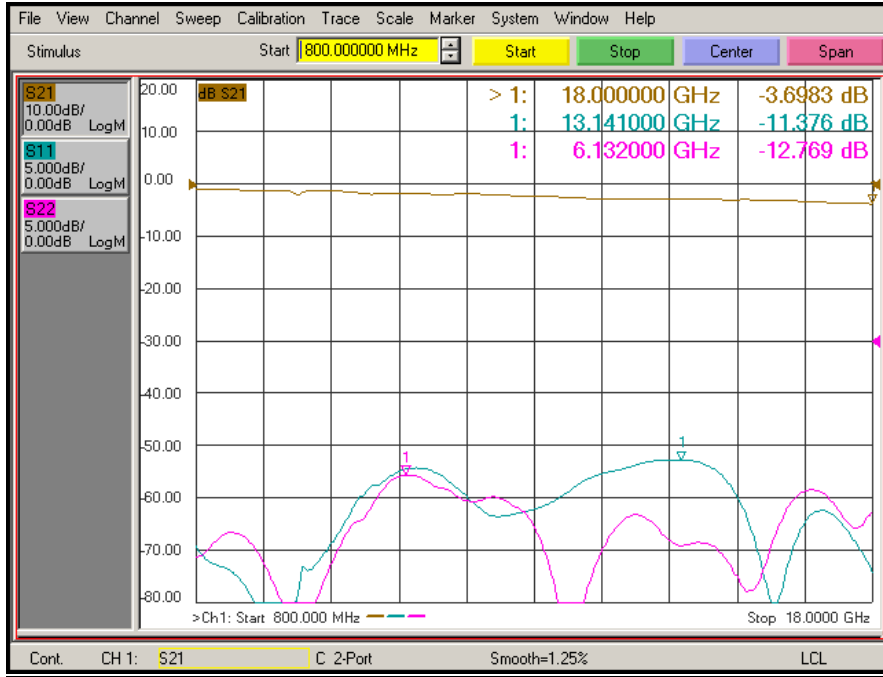
(J8 - J2) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J3) Insertion Loss and Return Loss



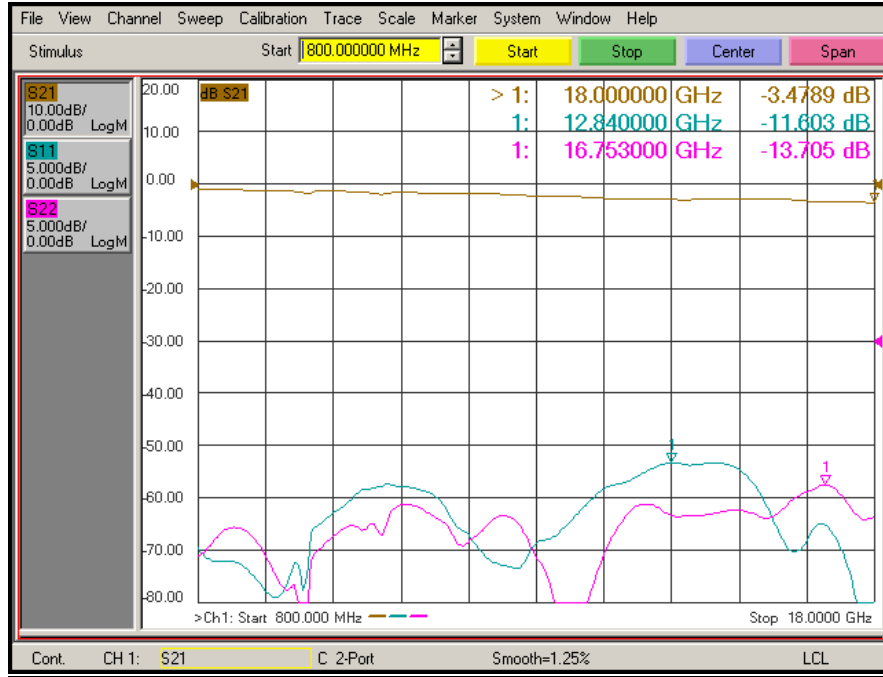
(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



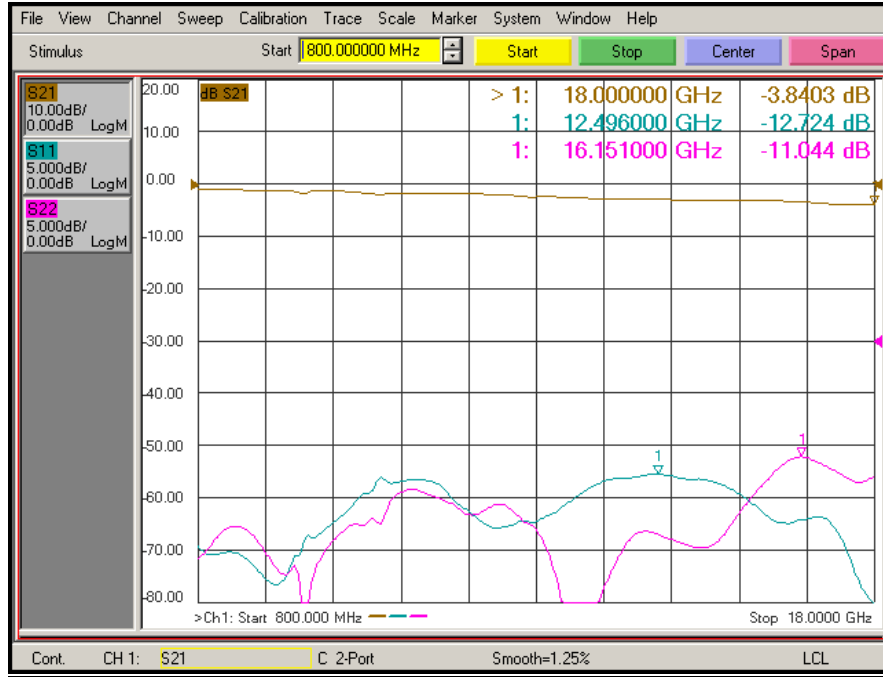
(J8 - J4) Isolation and Termination Return Loss



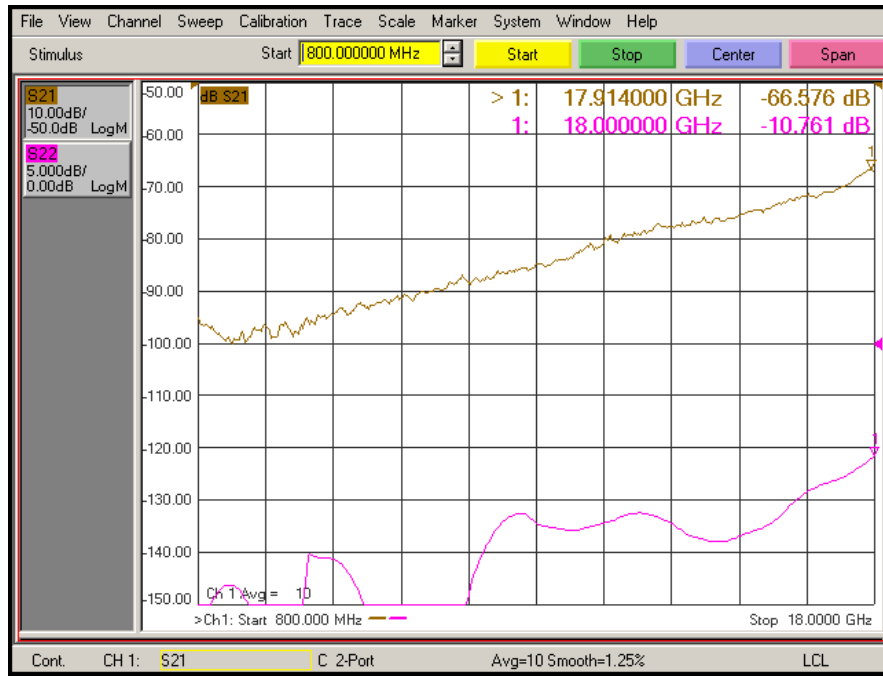


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-178
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11181/1207

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

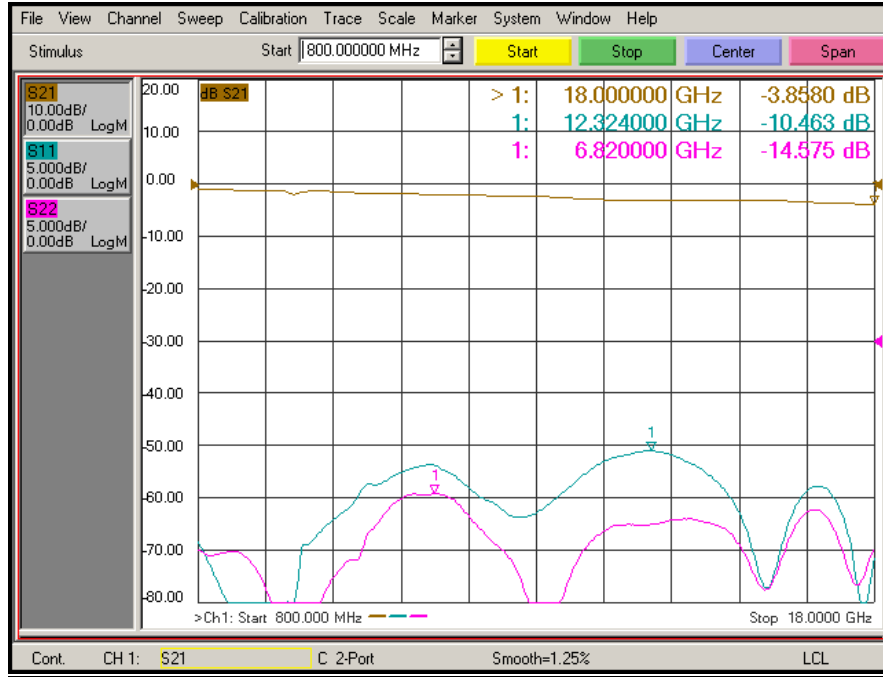
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



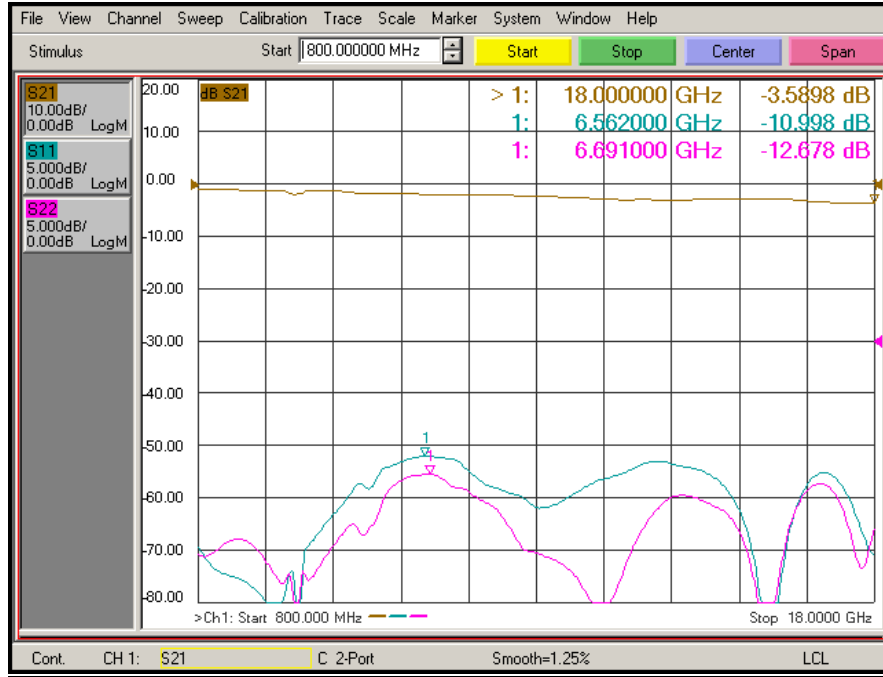
(J8 - J1) Isolation and Termination Return Loss



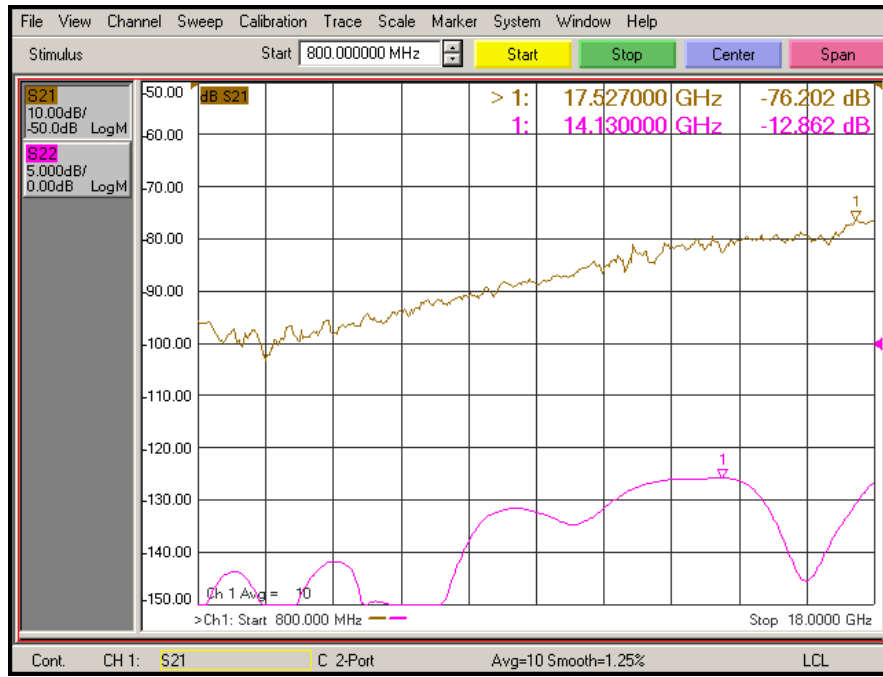


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J2) Insertion Loss and Return Loss



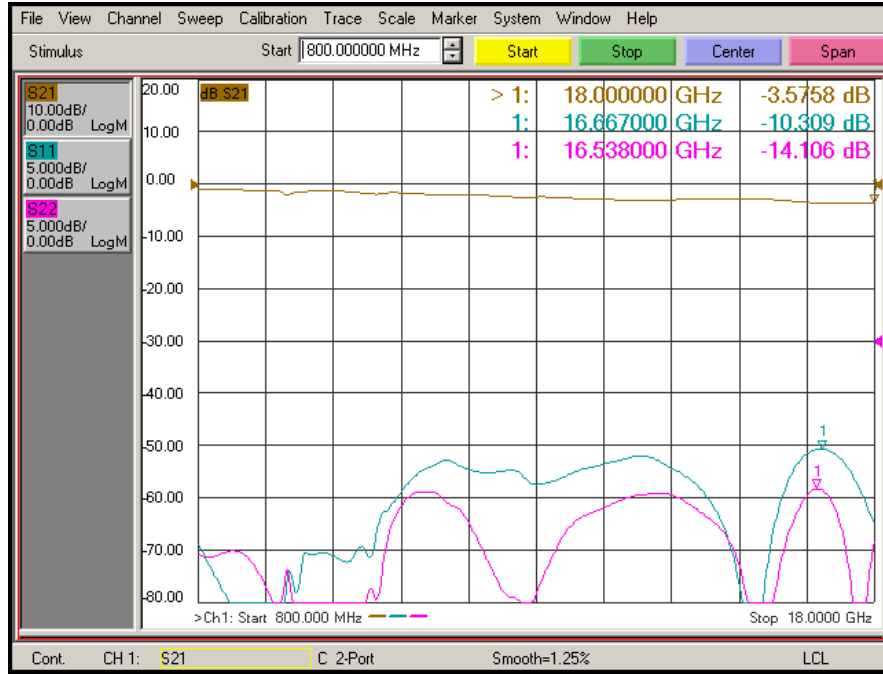
(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



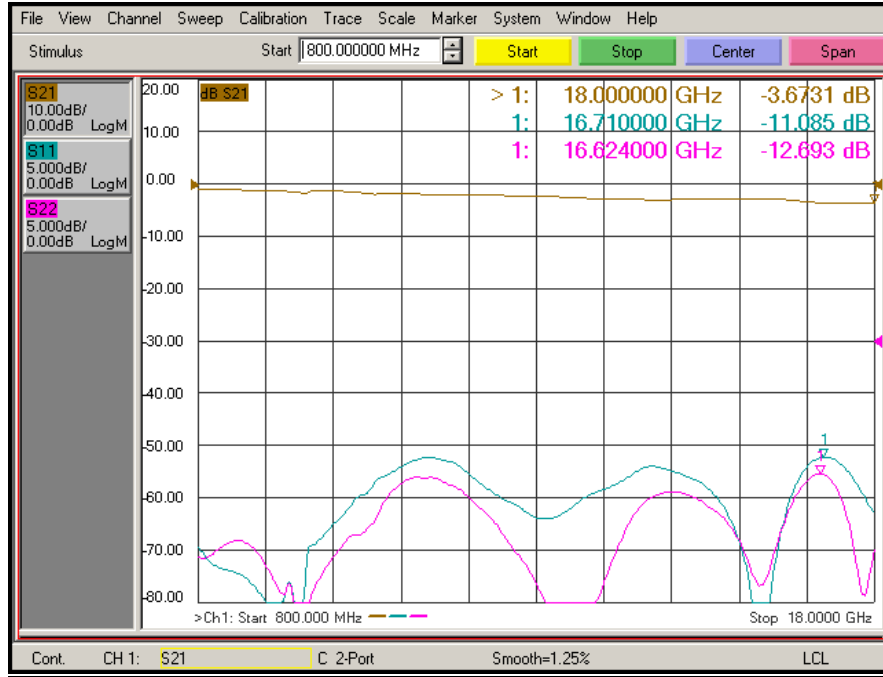
(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



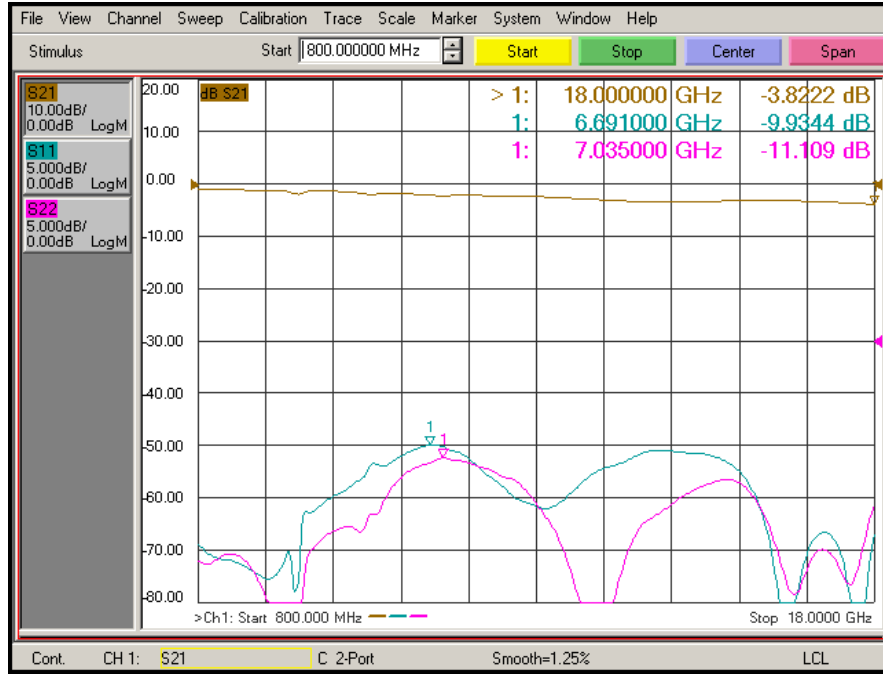
(J8 - J6) Isolation and Termination Return Loss



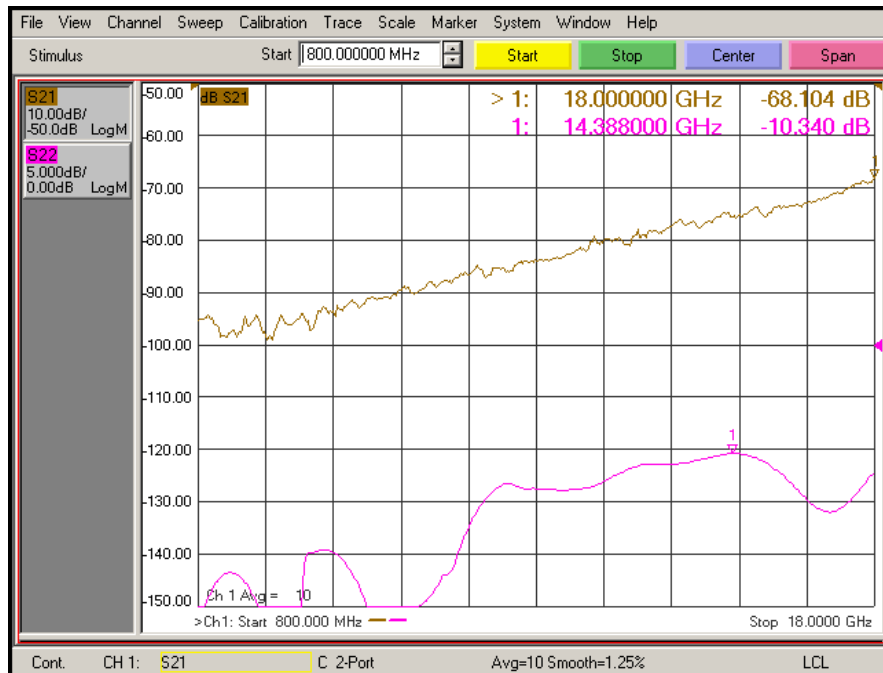


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-178
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11183/1207

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

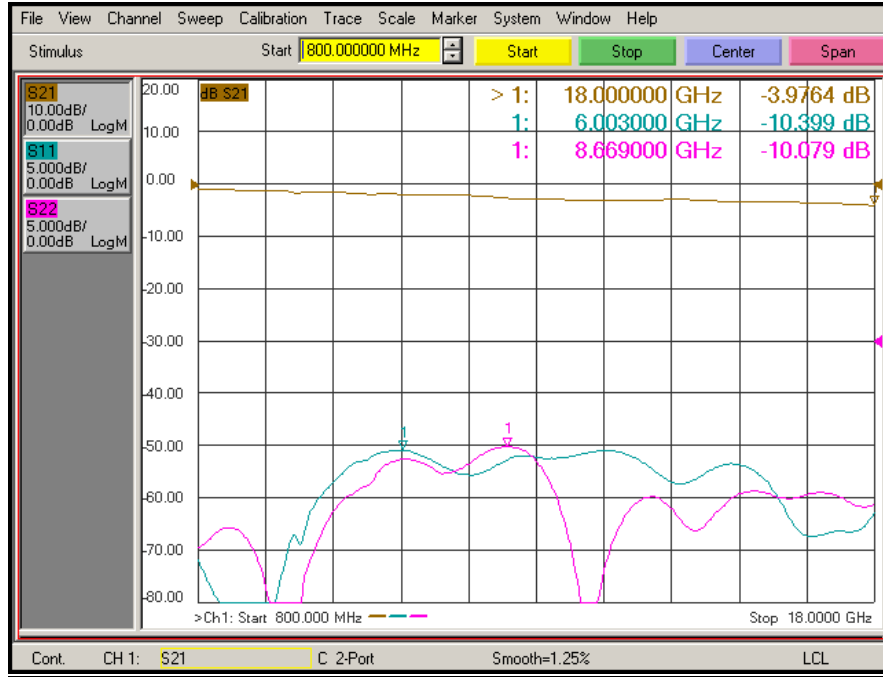
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



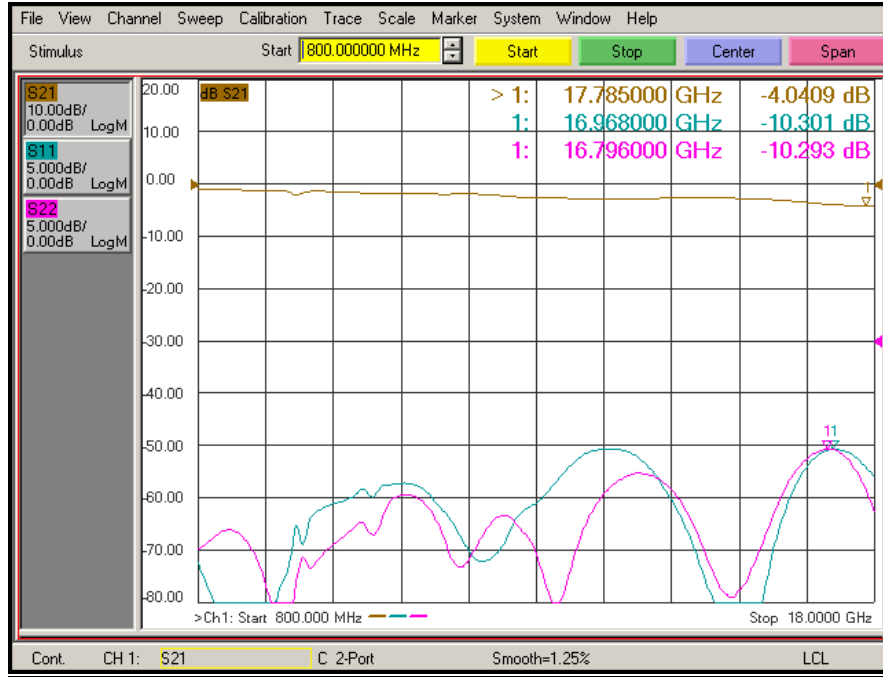
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



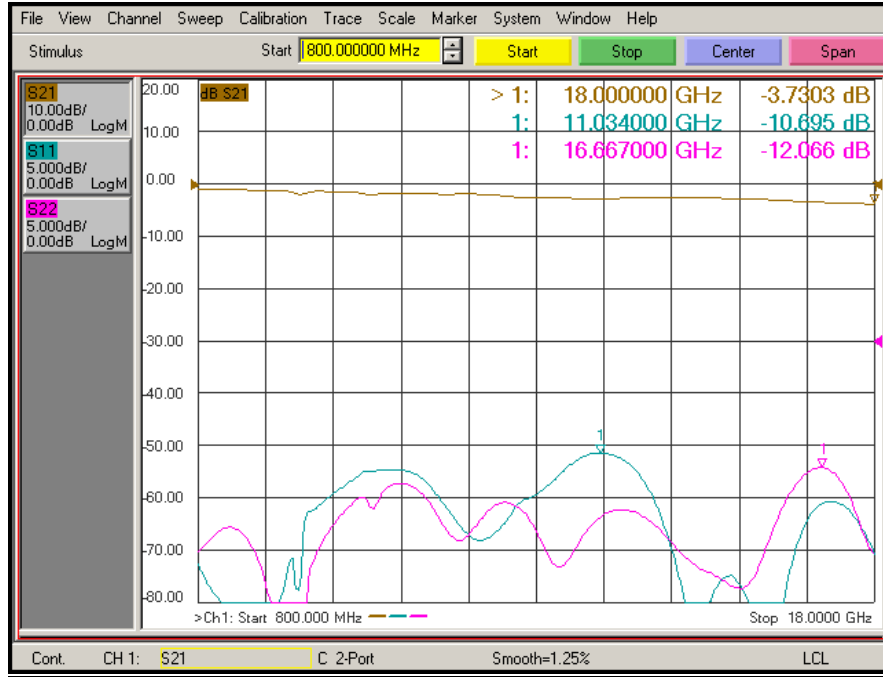
(J8 - J4) Isolation and Termination Return Loss



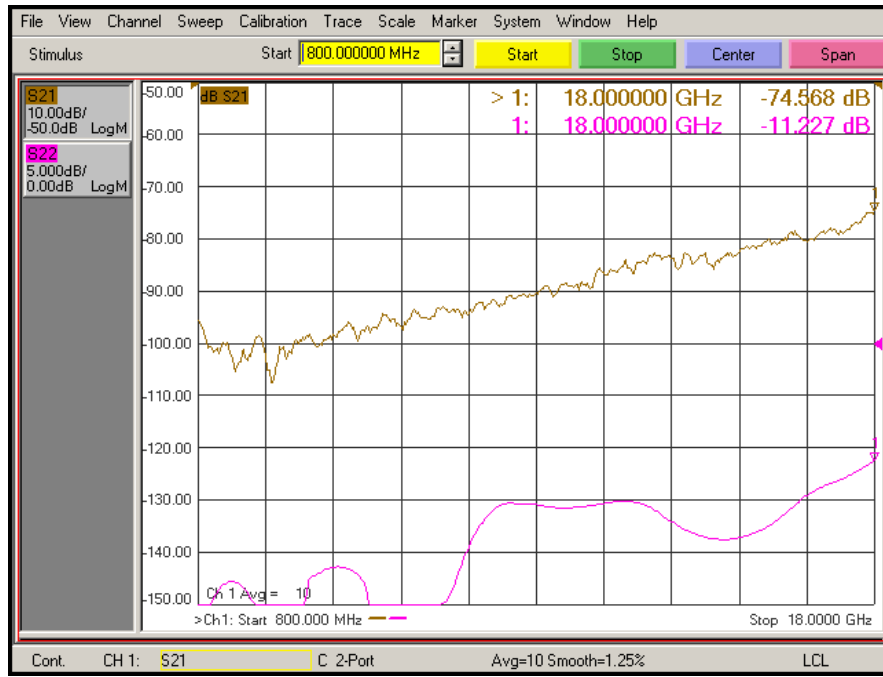


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J5) Insertion Loss and Return Loss



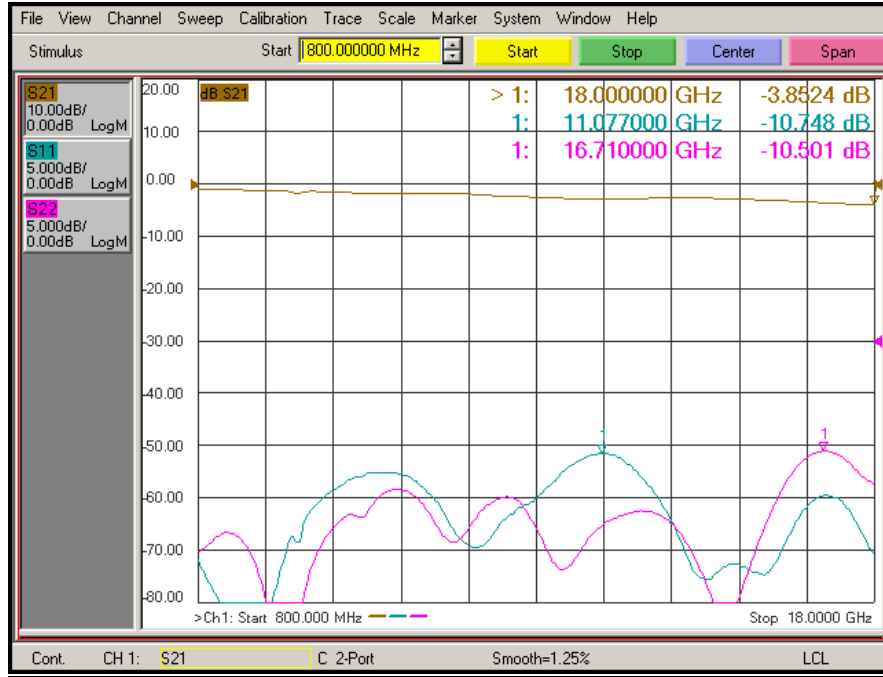
(J8 - J5) Isolation and Termination Return Loss



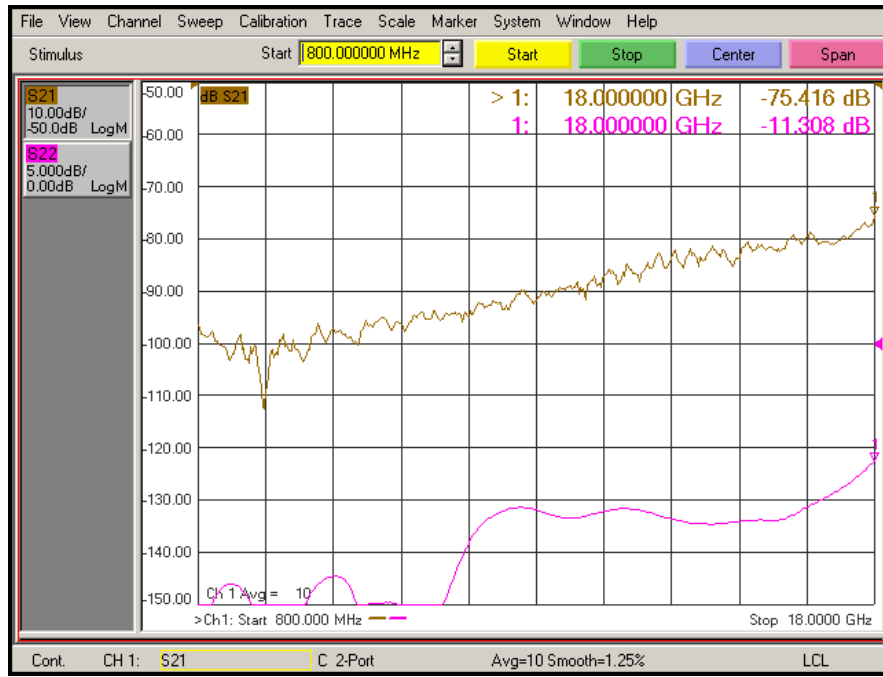


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



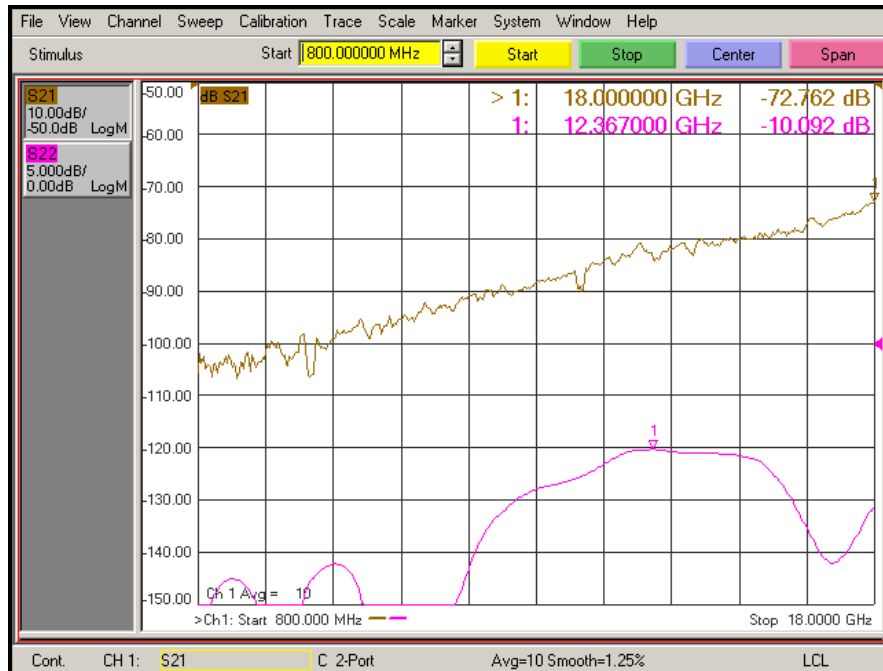


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-268
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11256/1244

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

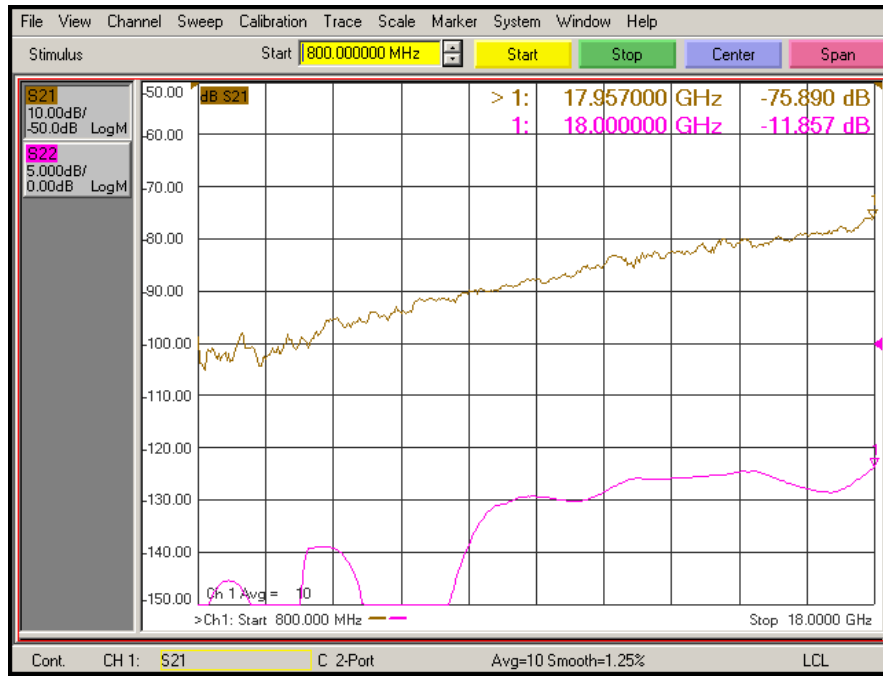


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



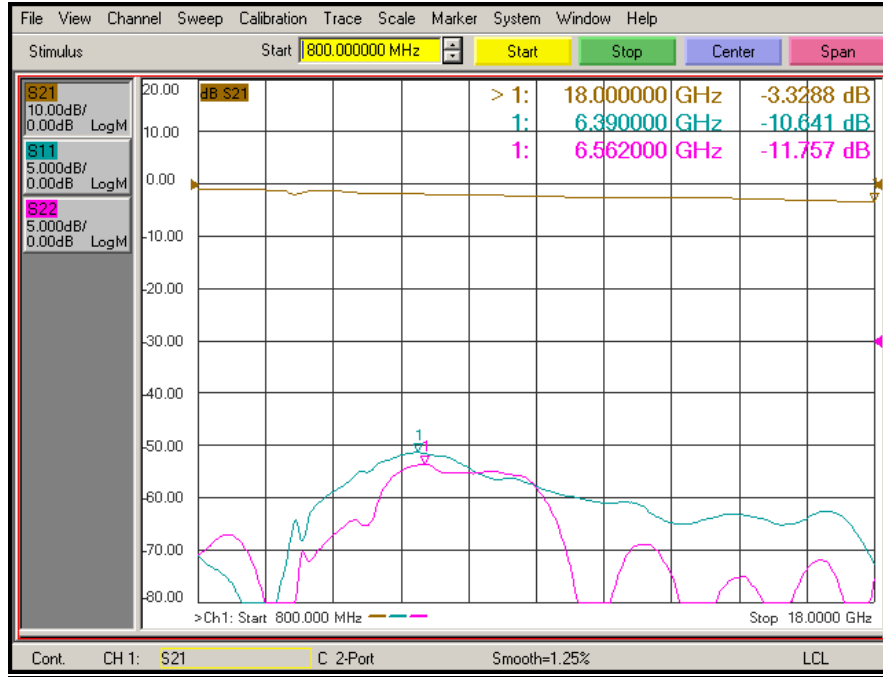
(J8 - J1) Isolation and Termination Return Loss



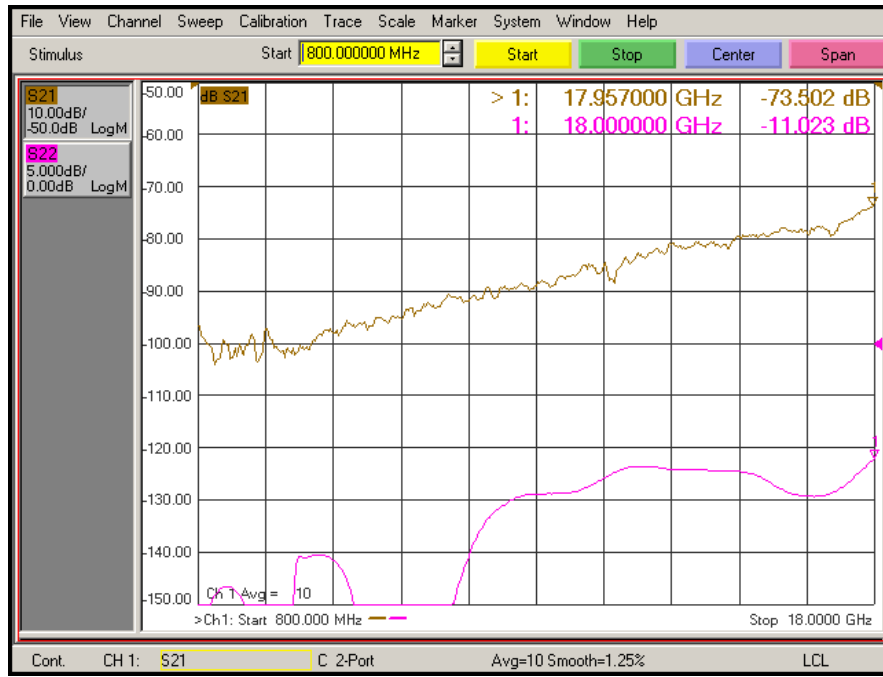


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



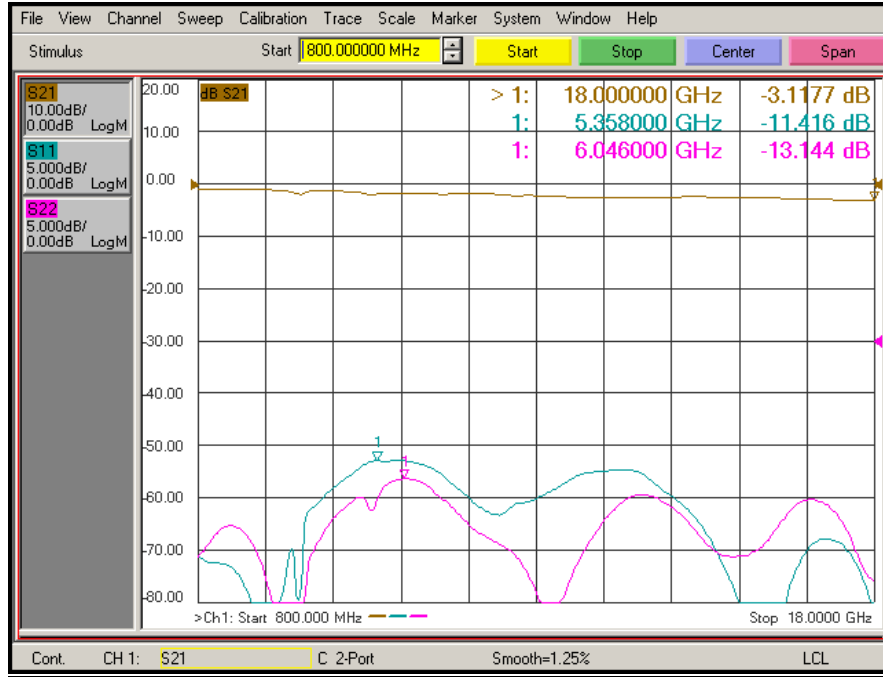
(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



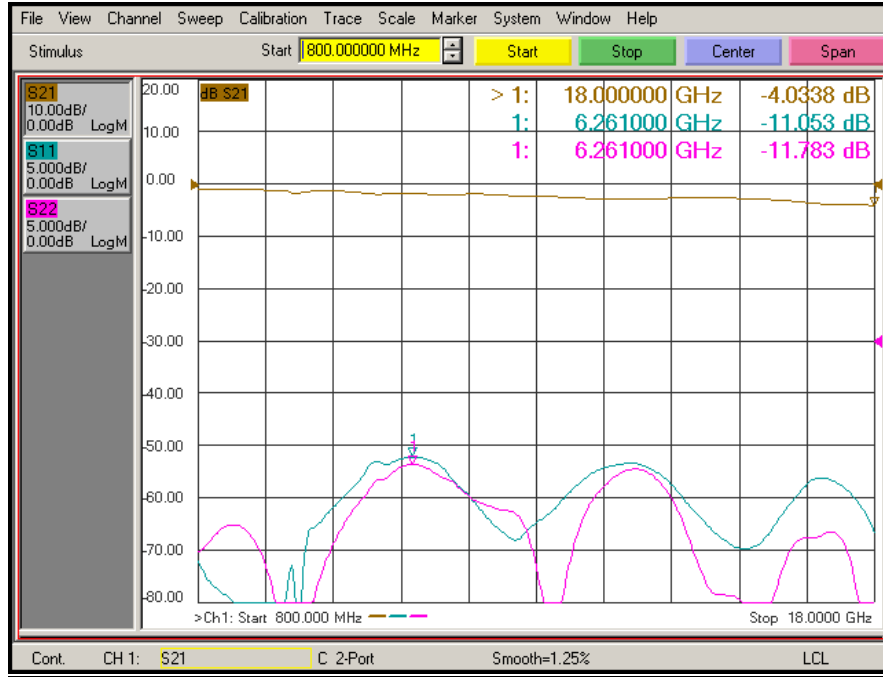
(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



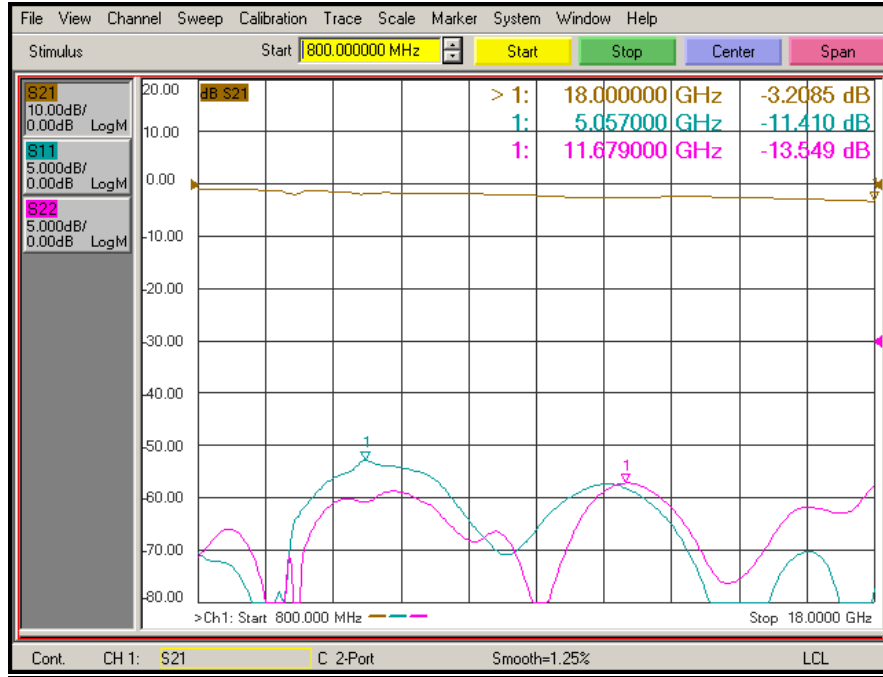
(J8 - J4) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J5) Insertion Loss and Return Loss



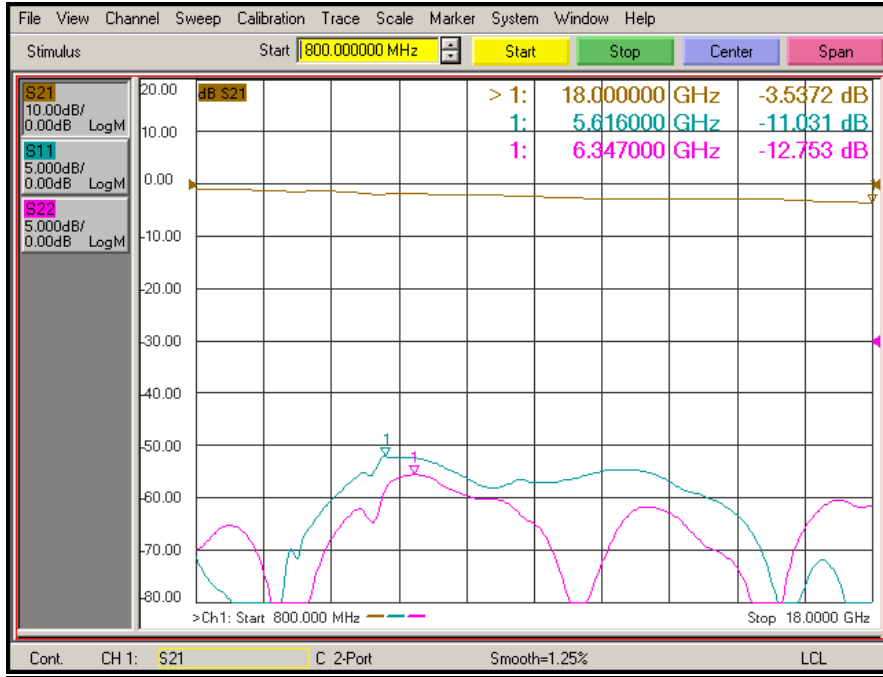
(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



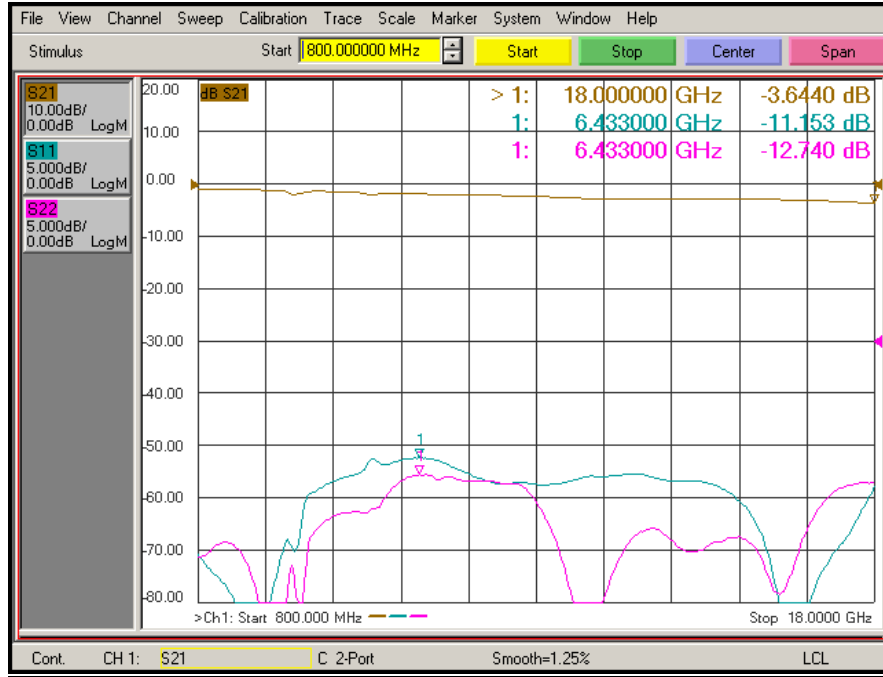
(J8 - J6) Isolation and Termination Return Loss



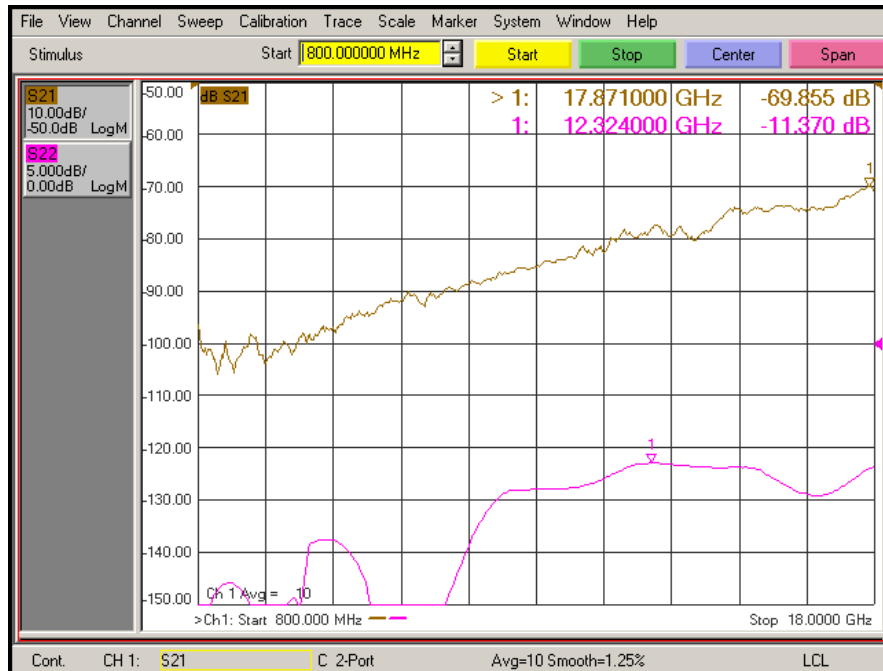


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-268
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11363/1234

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

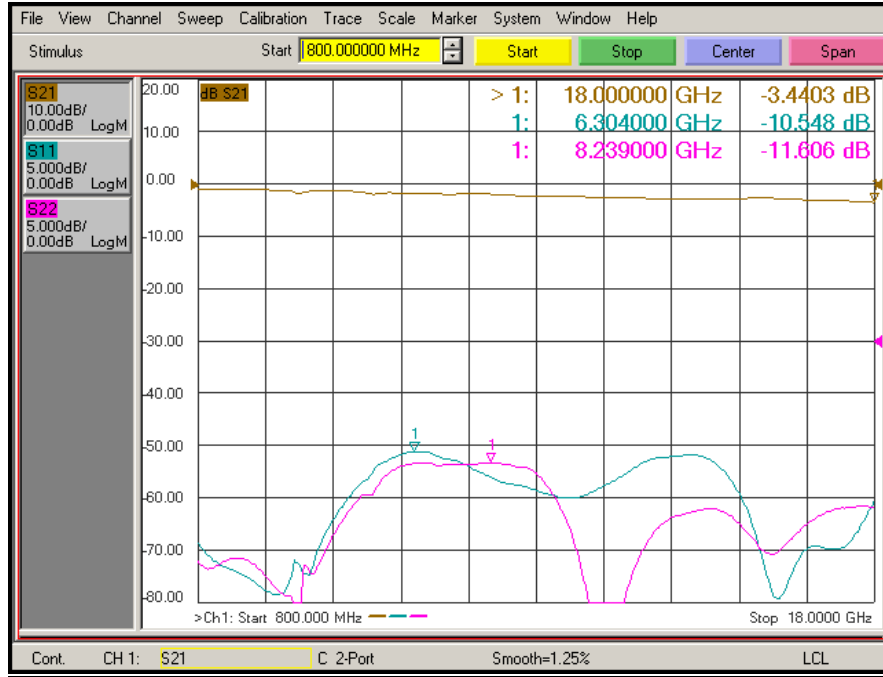
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

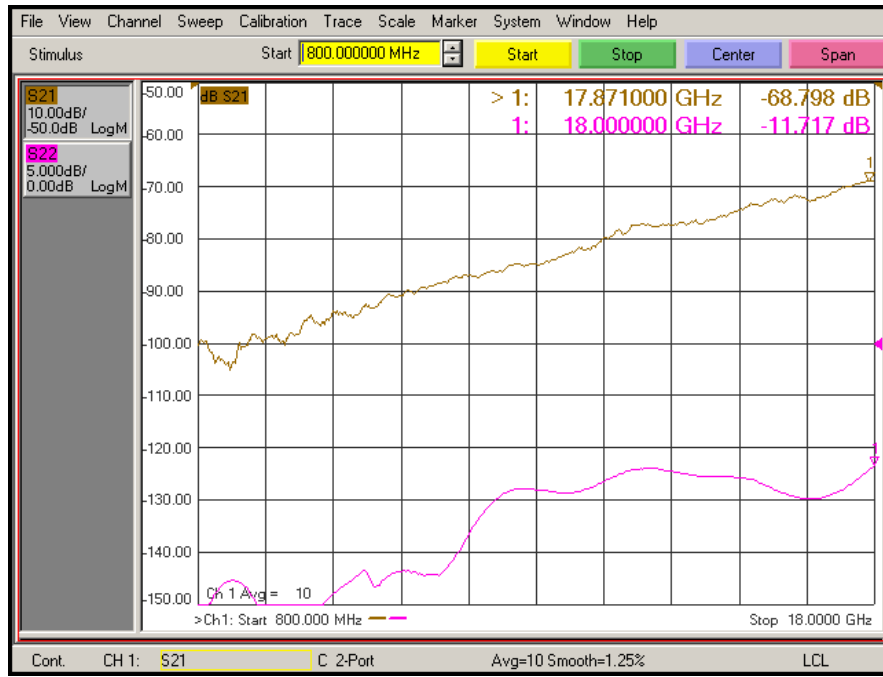


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



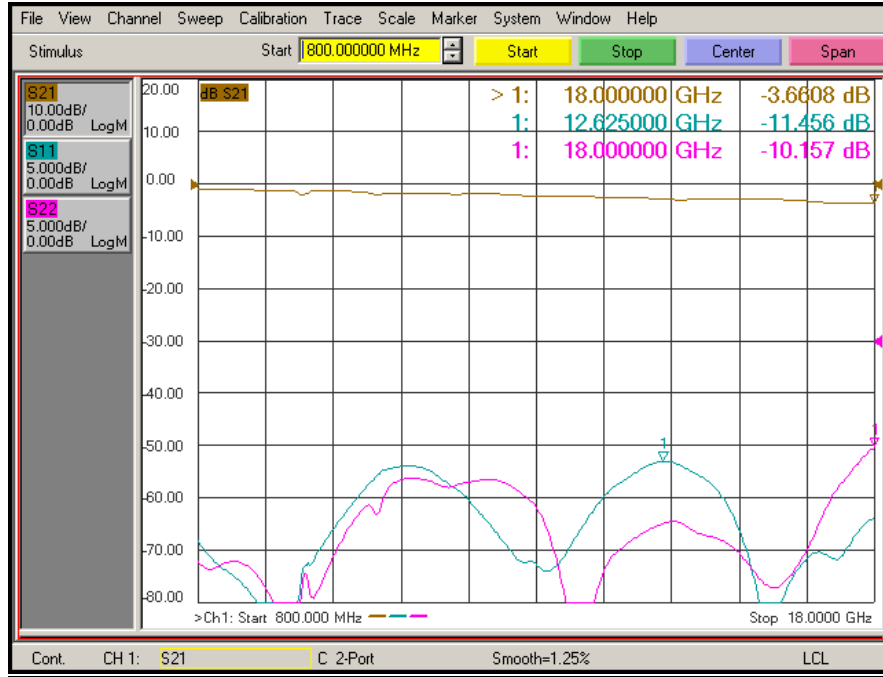
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



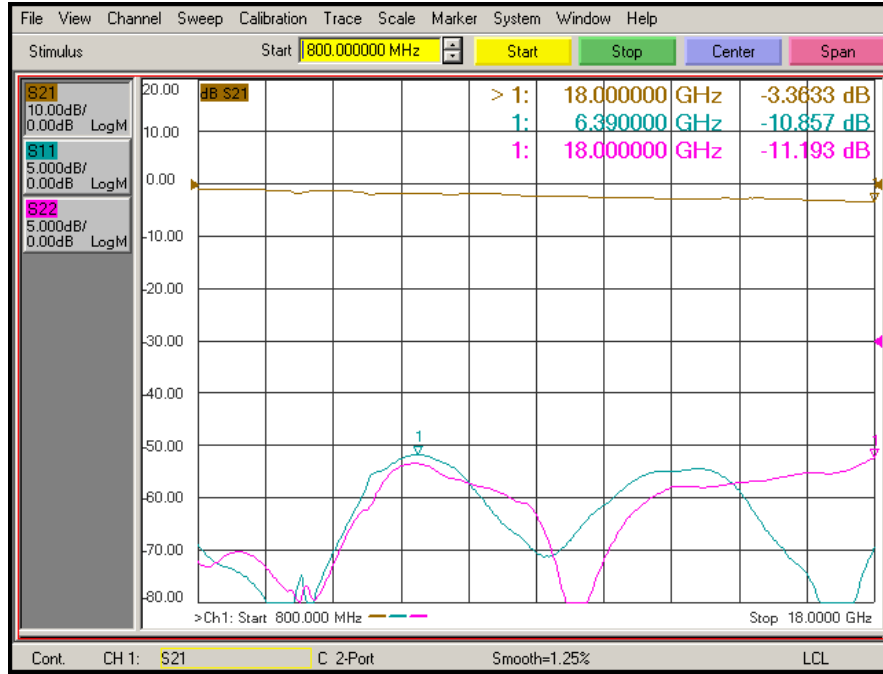
(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J4) Insertion Loss and Return Loss



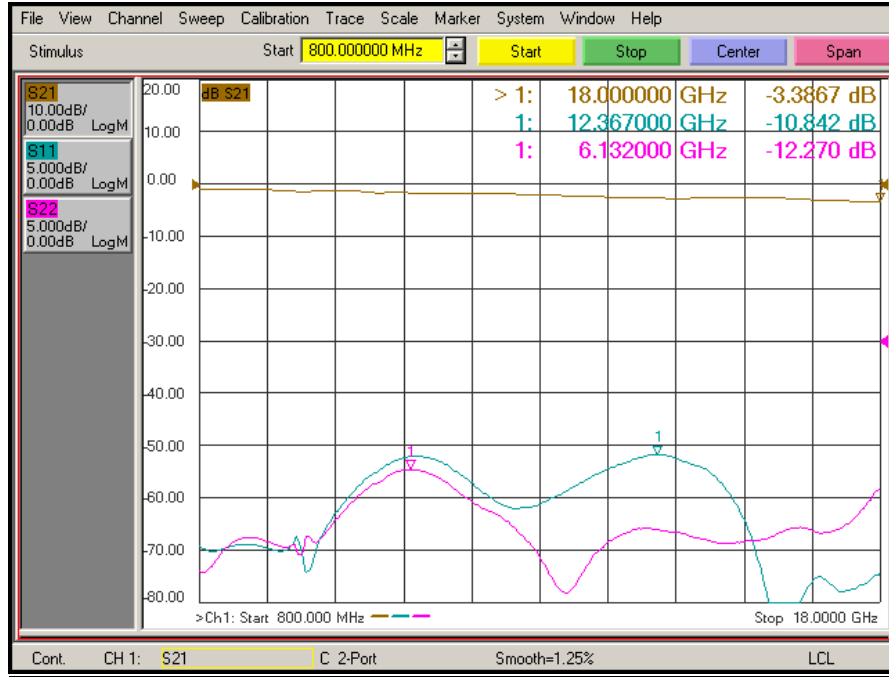
(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



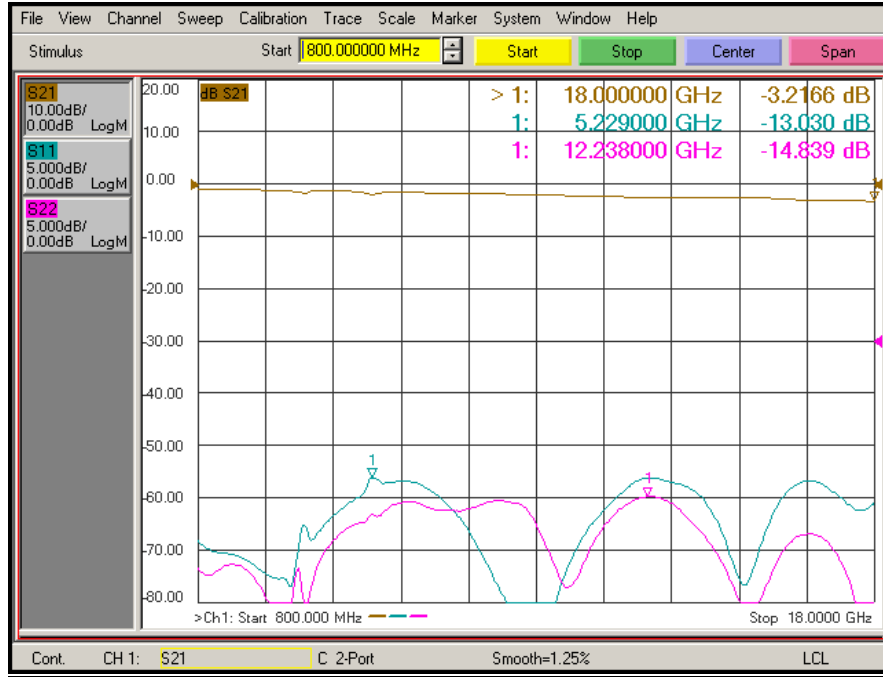
(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



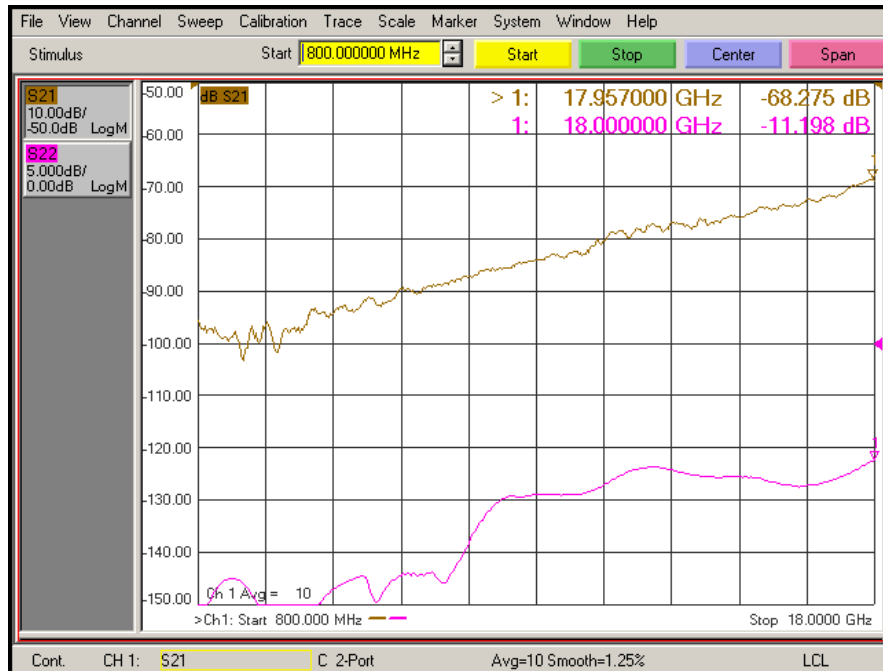


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-268
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11368/1234

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

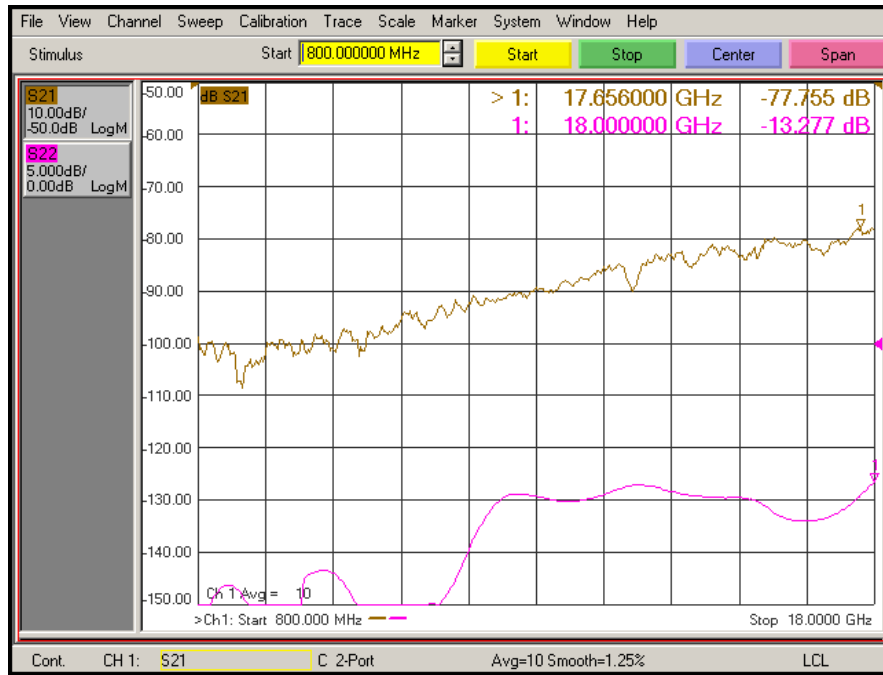


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



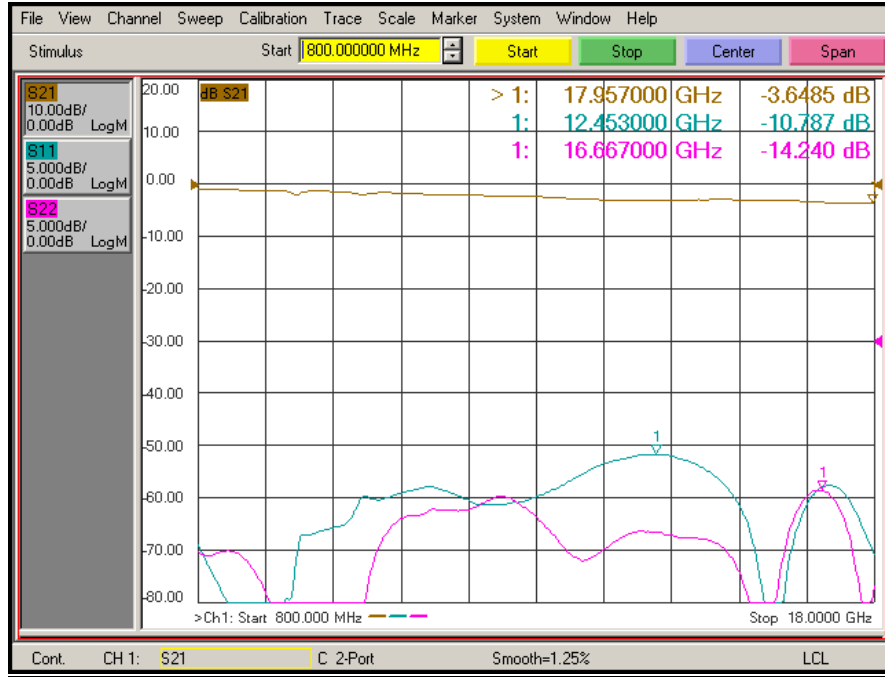
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



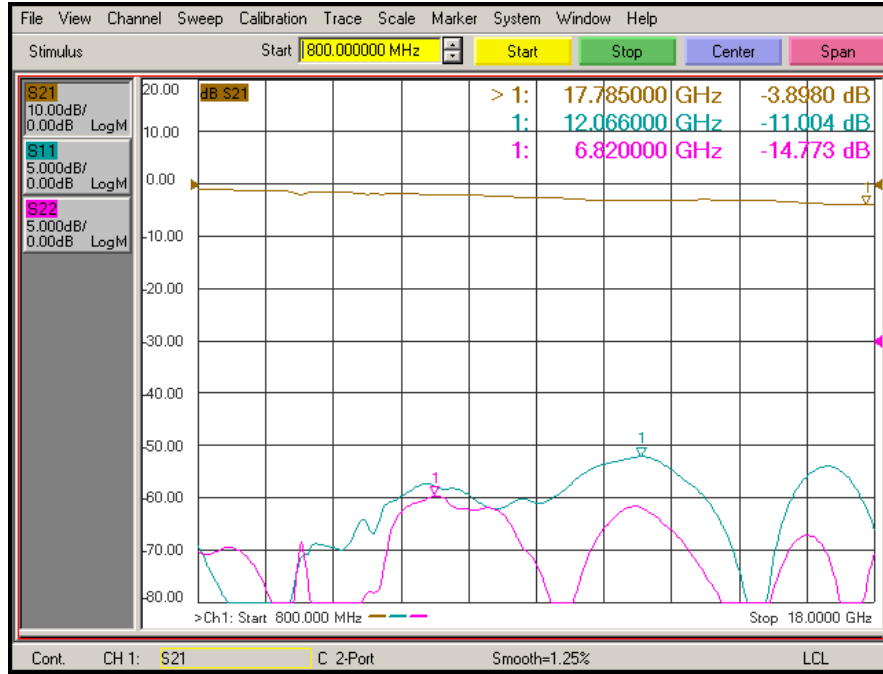
(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



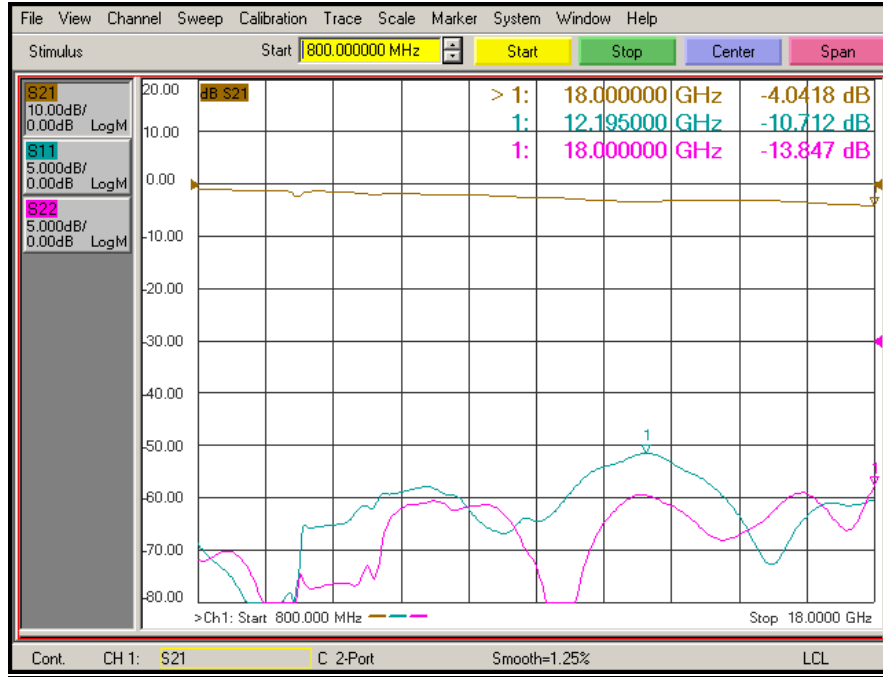
(J8 - J3) Isolation and Termination Return Loss



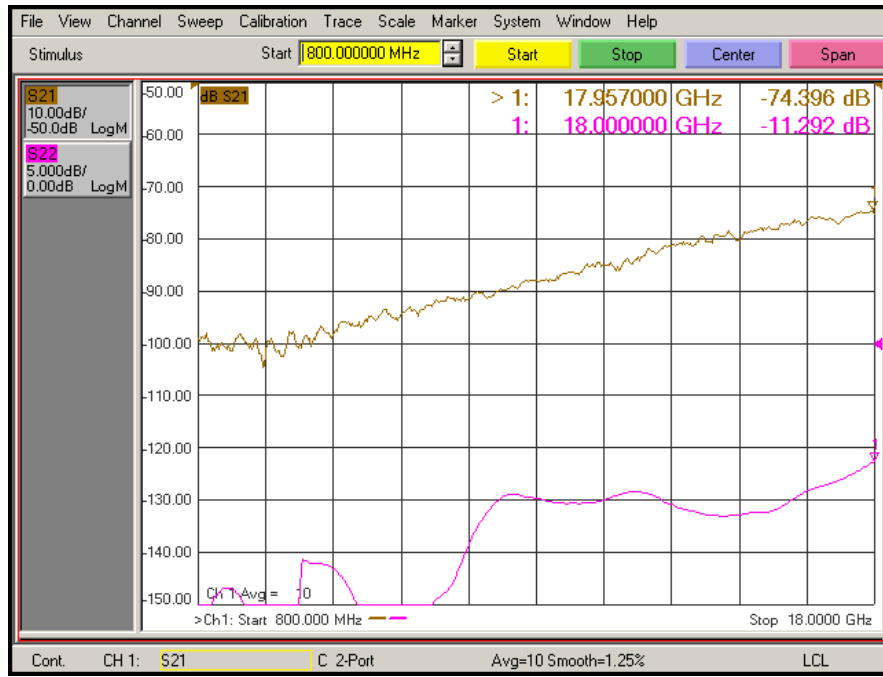


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



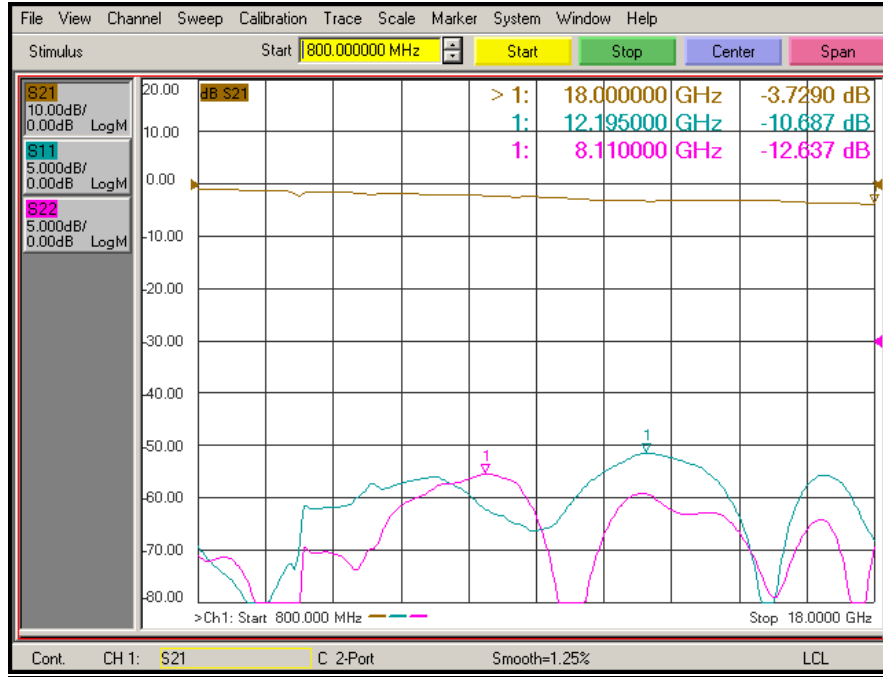
(J8 - J5) Isolation and Termination Return Loss



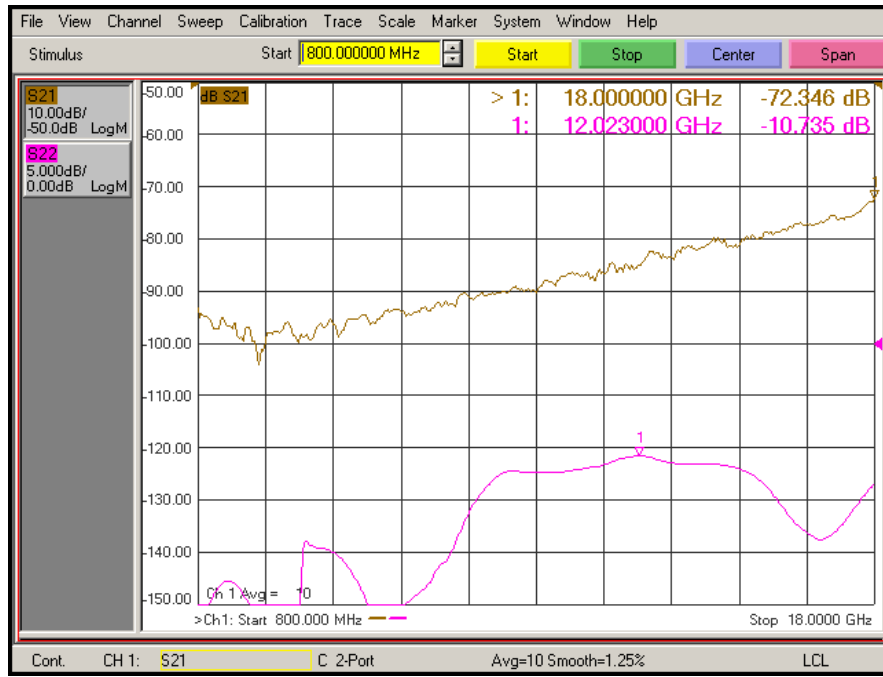


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



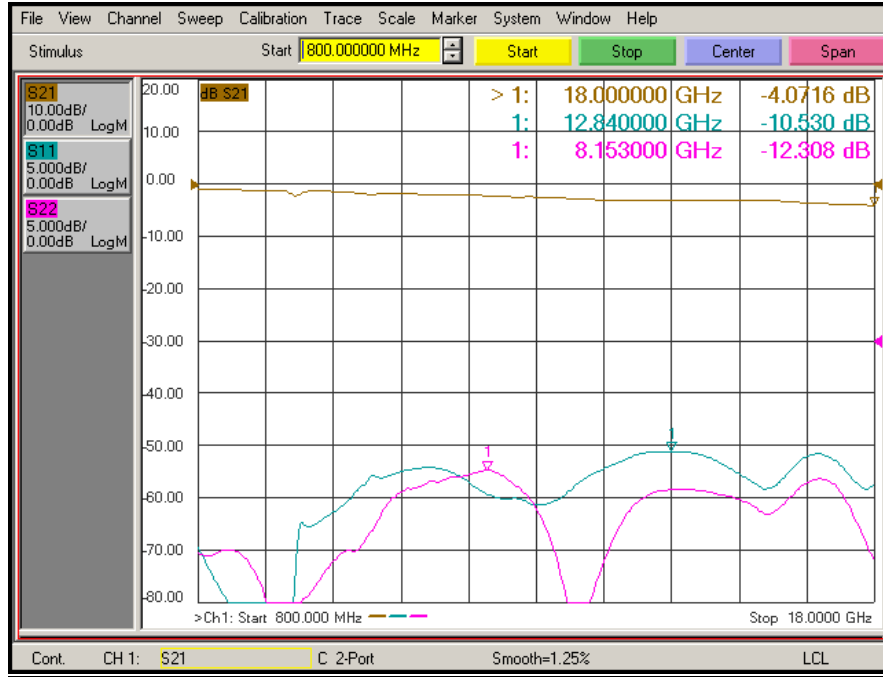
(J8 - J6) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-255
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11703/1241

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

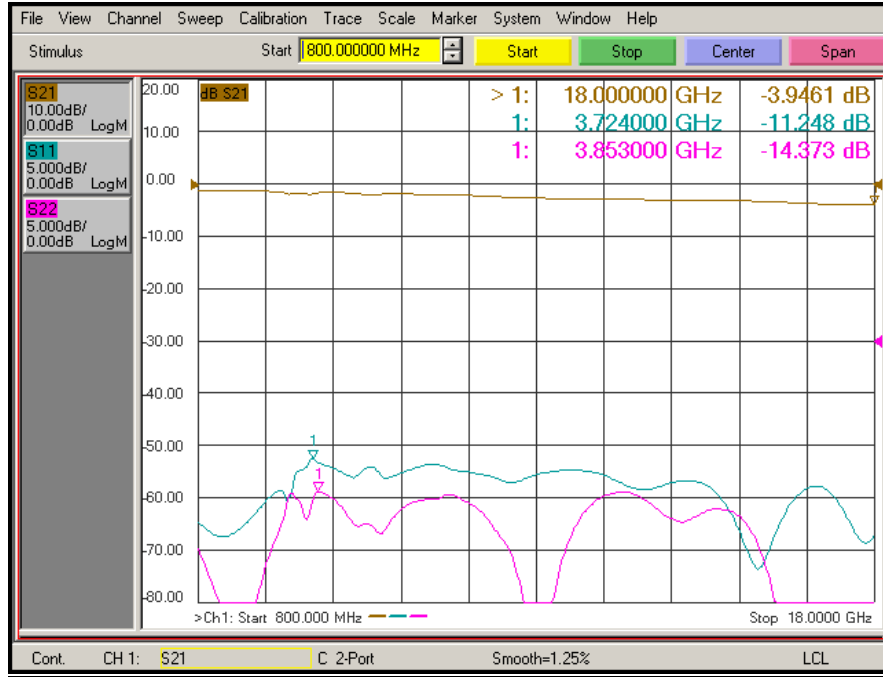
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

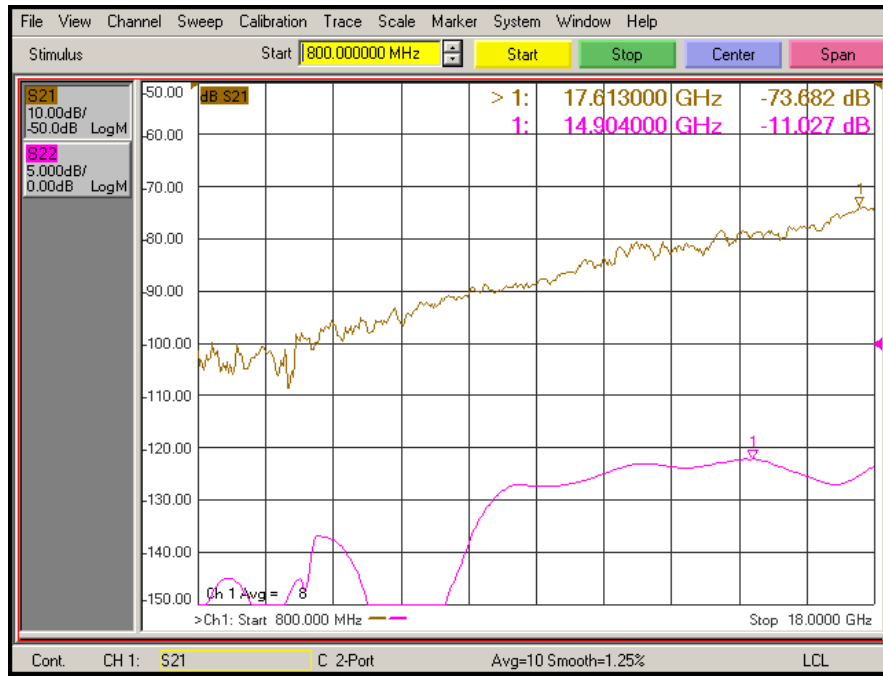


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



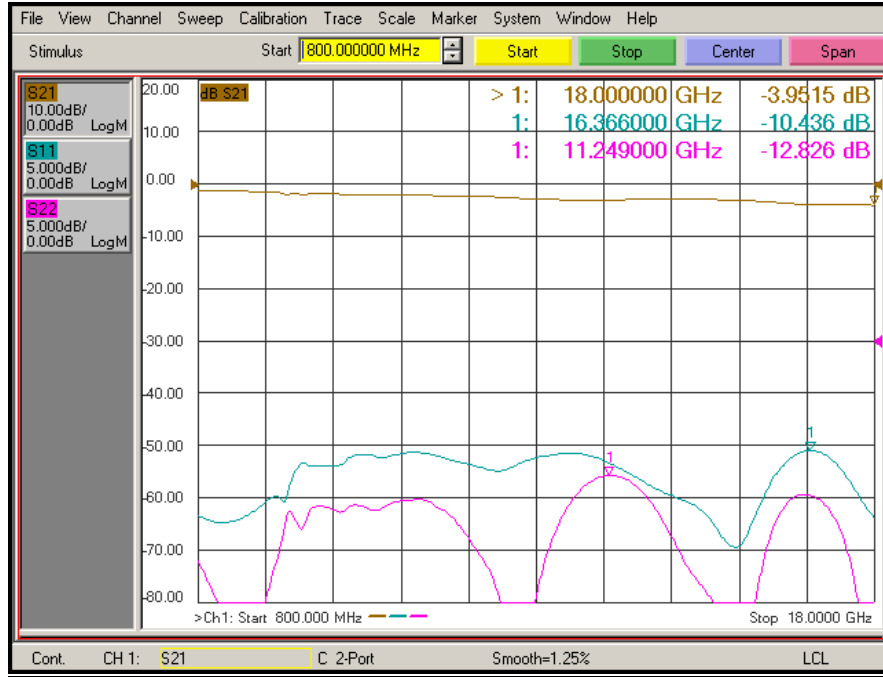
(J8 - J1) Isolation and Termination Return Loss



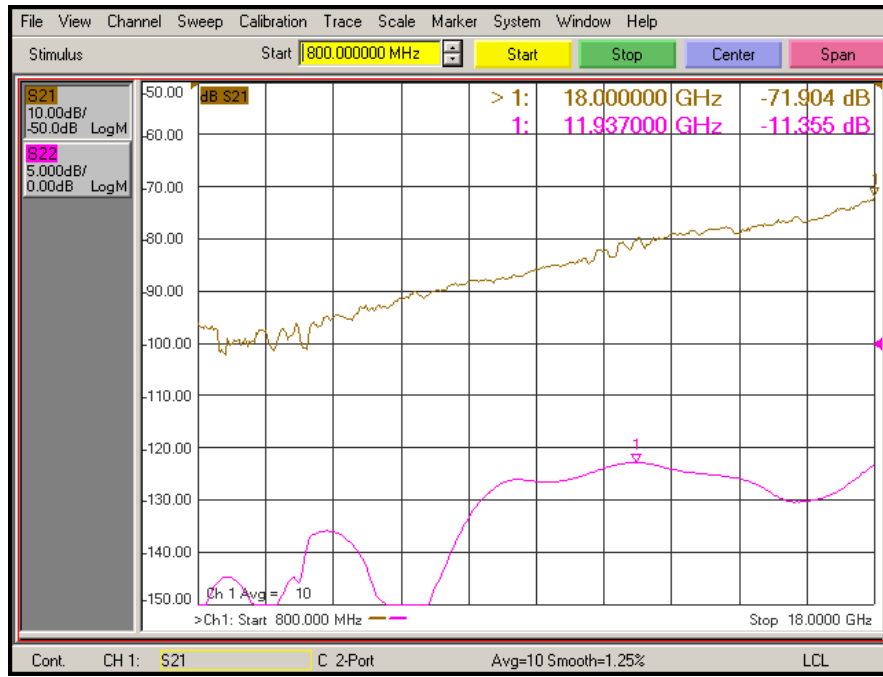


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



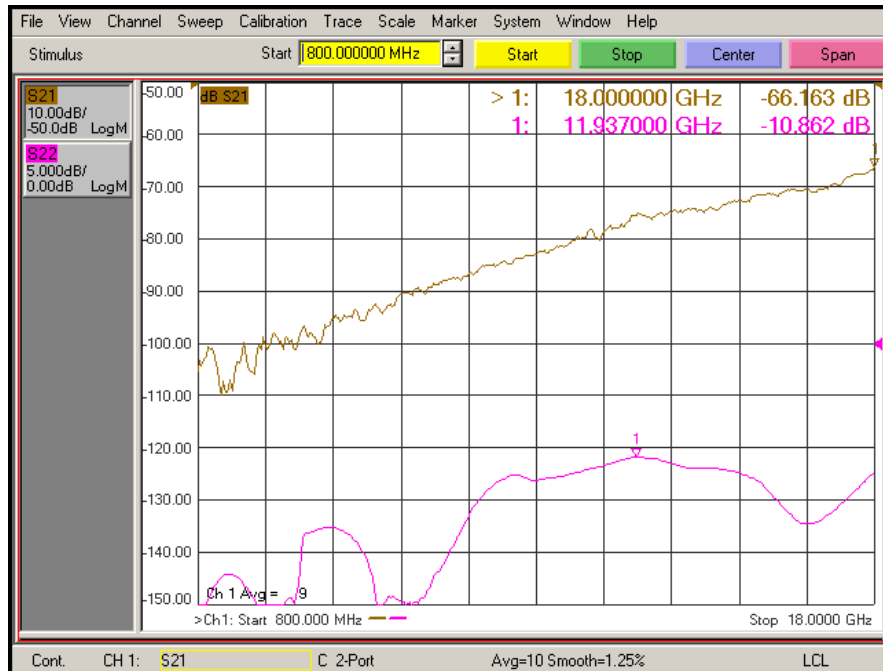


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-255
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11704/1241

Tested By: R. Combs
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



(J8 - J1) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J2) Insertion Loss and Return Loss



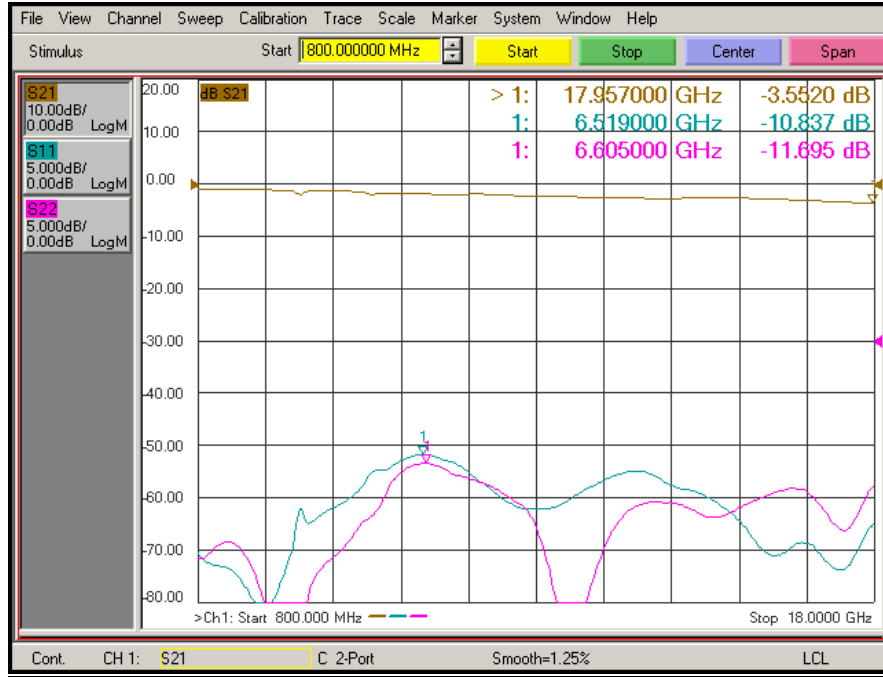
(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



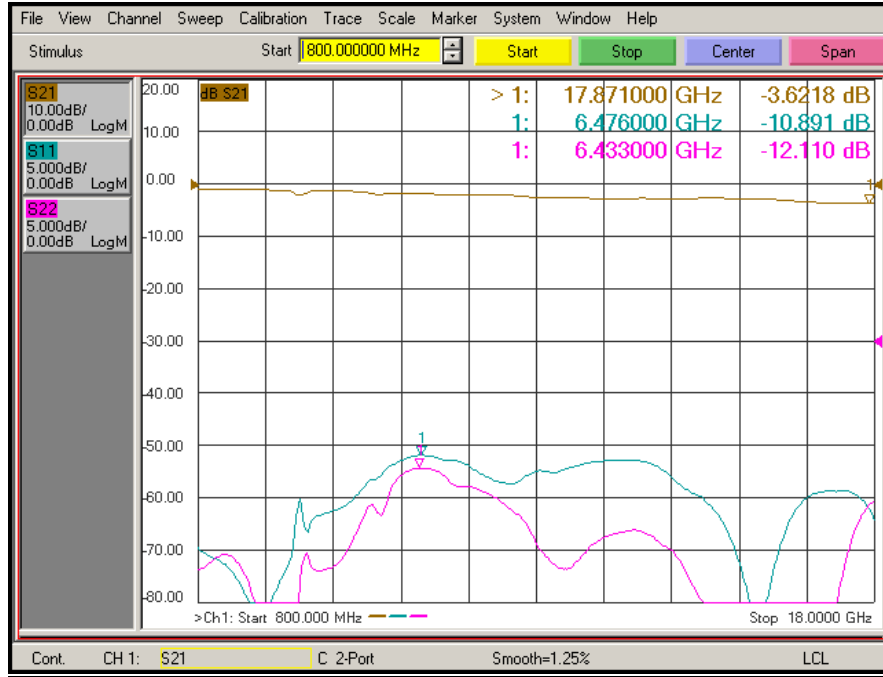
(J8 - J5) Isolation and Termination Return Loss



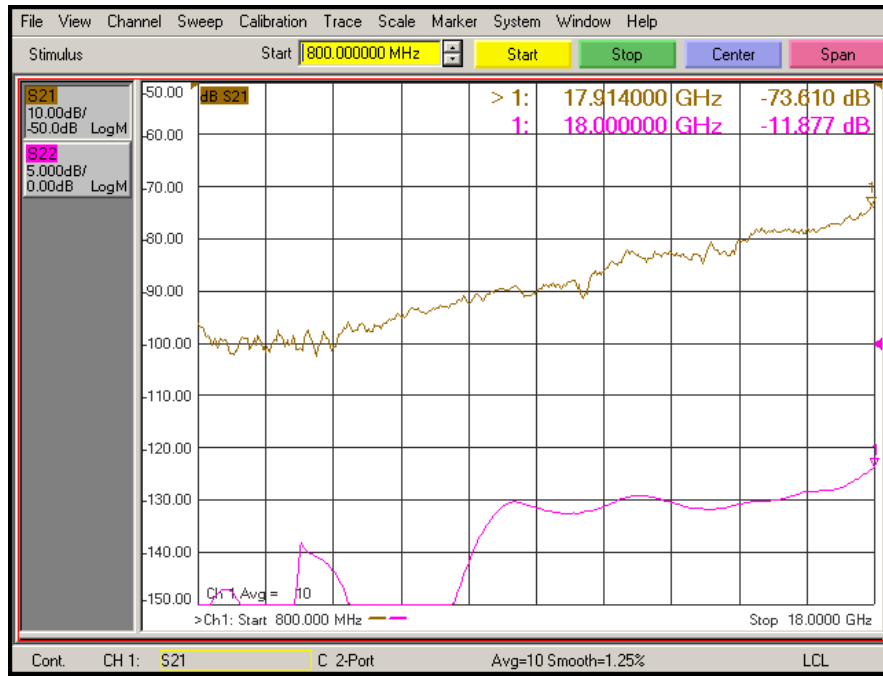


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



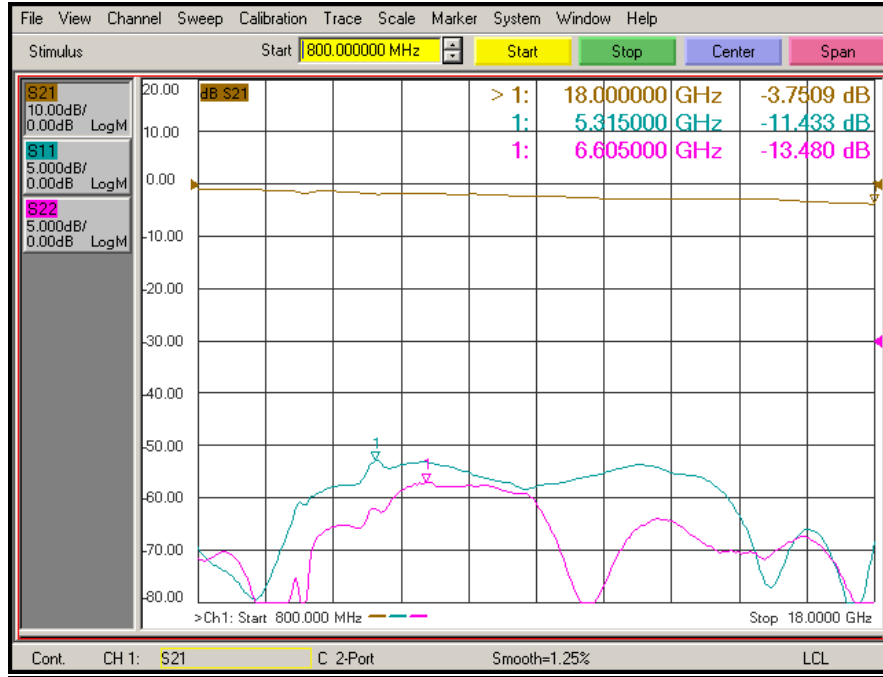
(J8 - J6) Isolation and Termination Return Loss



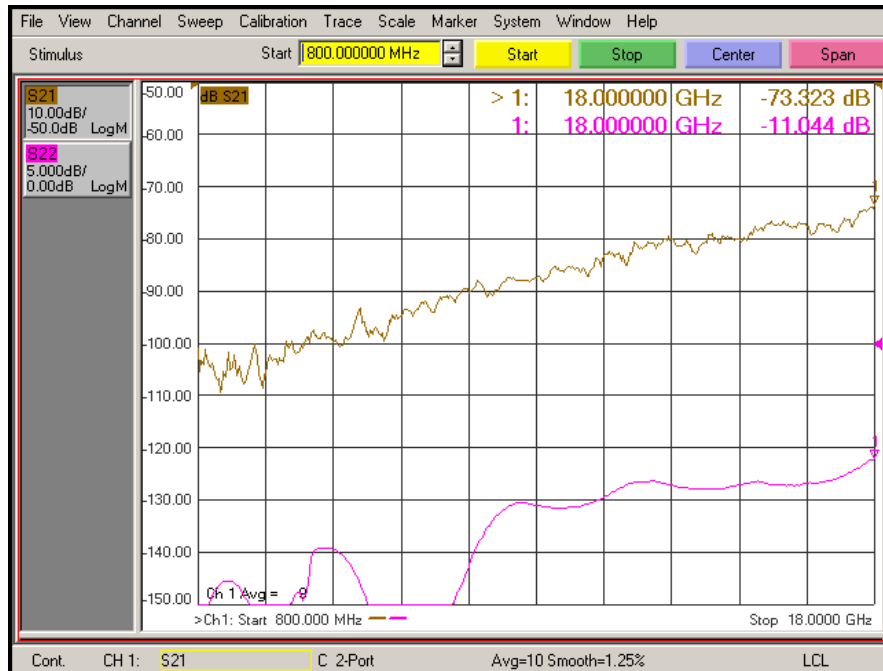


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-269
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11752/1243

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



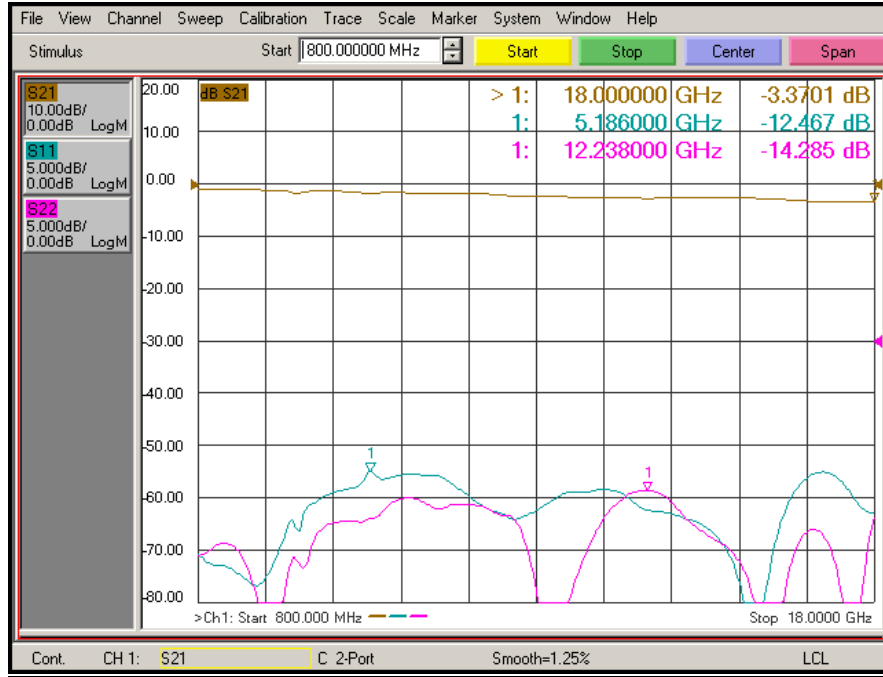
(J8 - J1) Isolation and Termination Return Loss



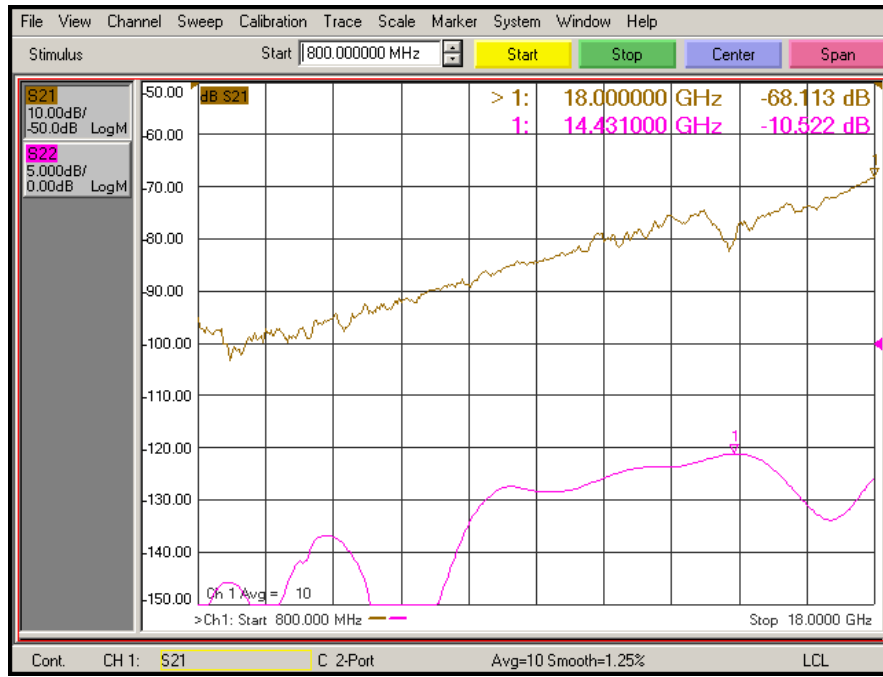


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



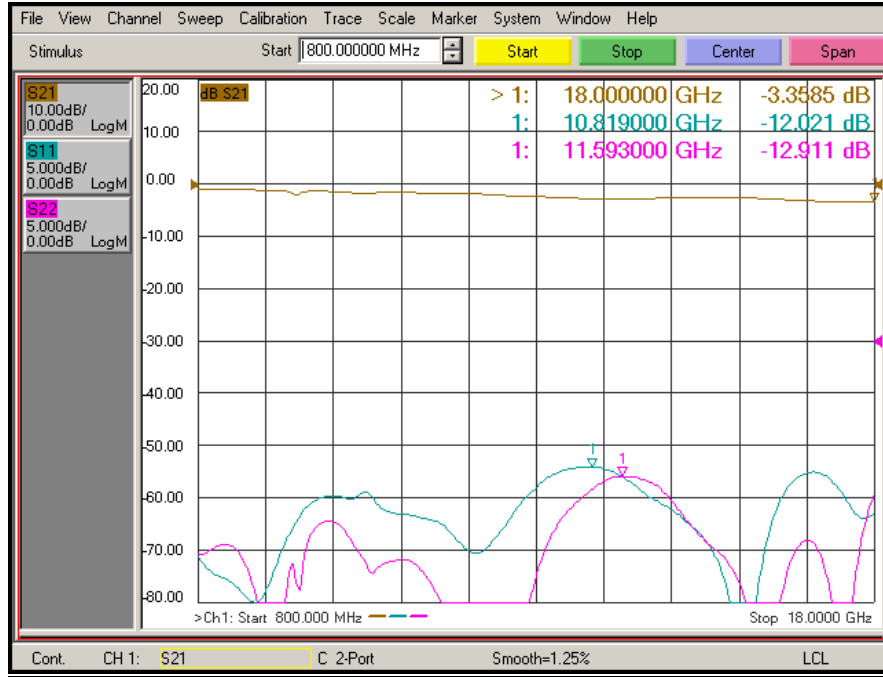
(J8 - J2) Isolation and Termination Return Loss



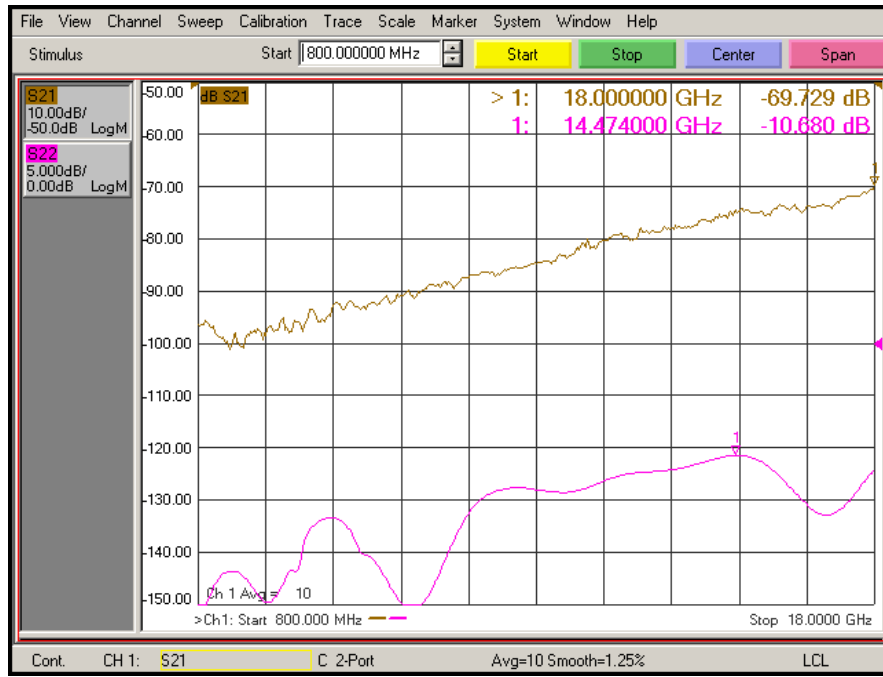


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



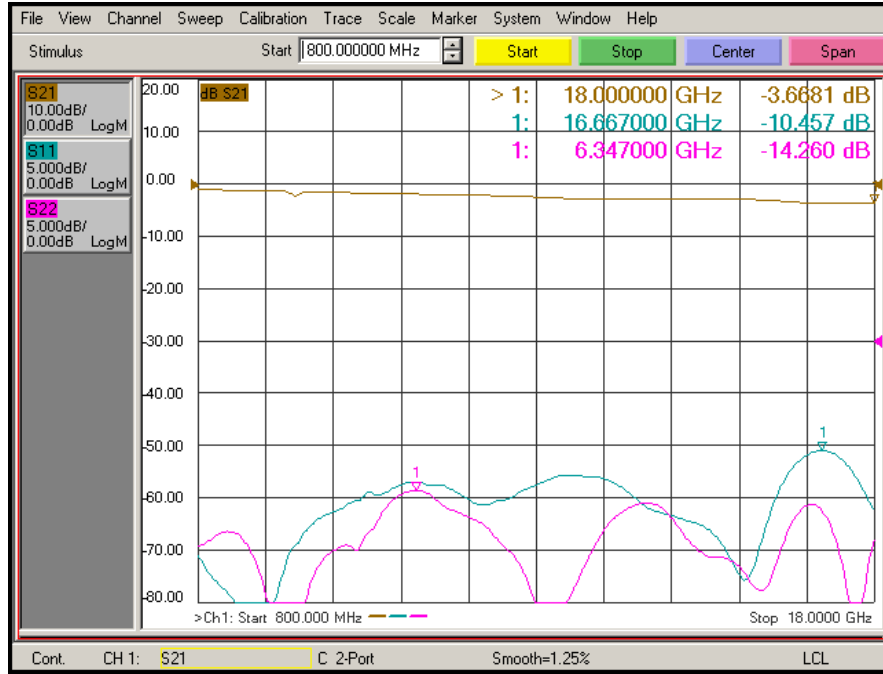
(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



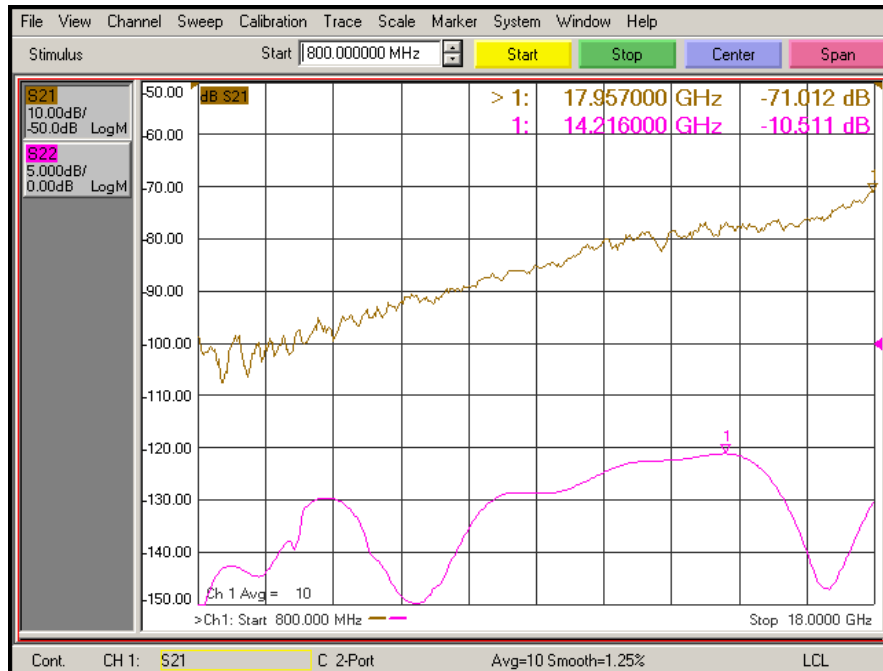


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-269
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11754/1243

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



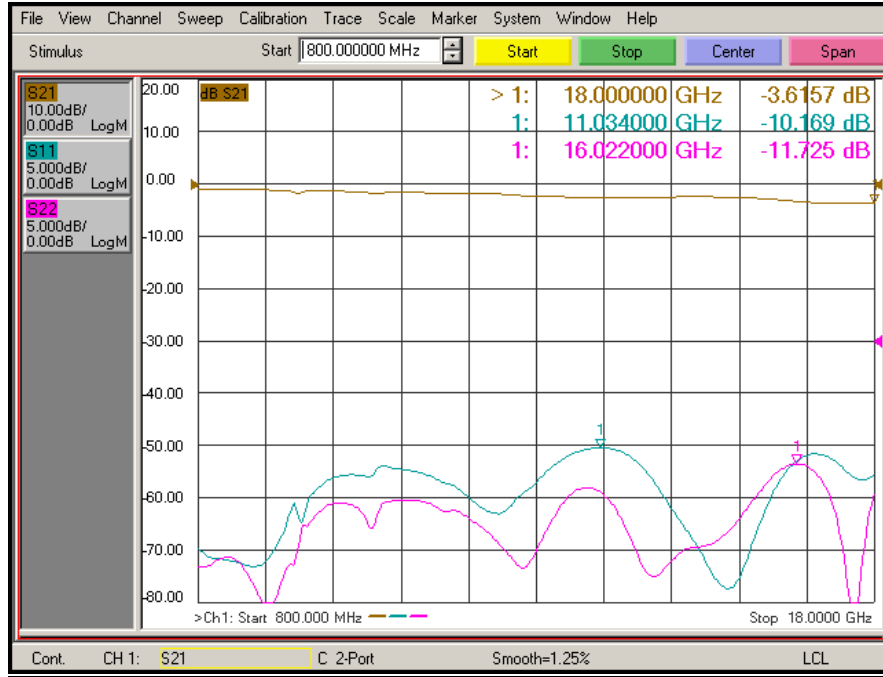
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J3) Insertion Loss and Return Loss



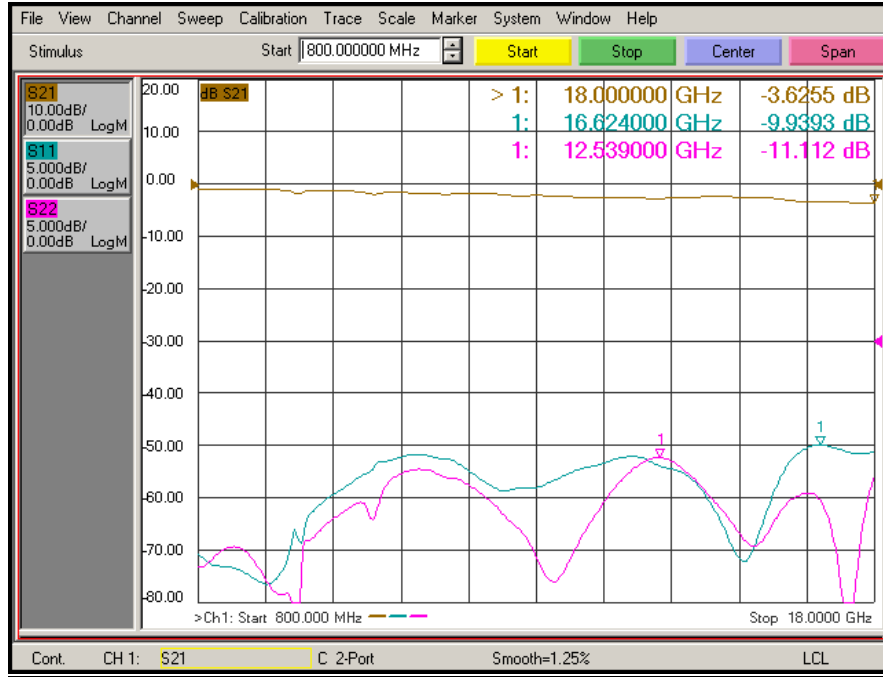
(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



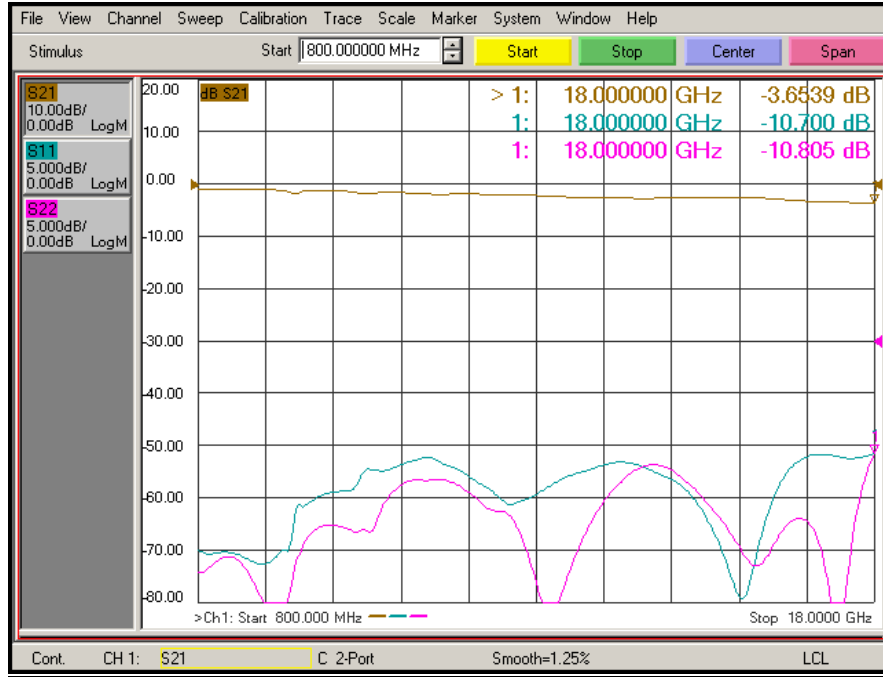
(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



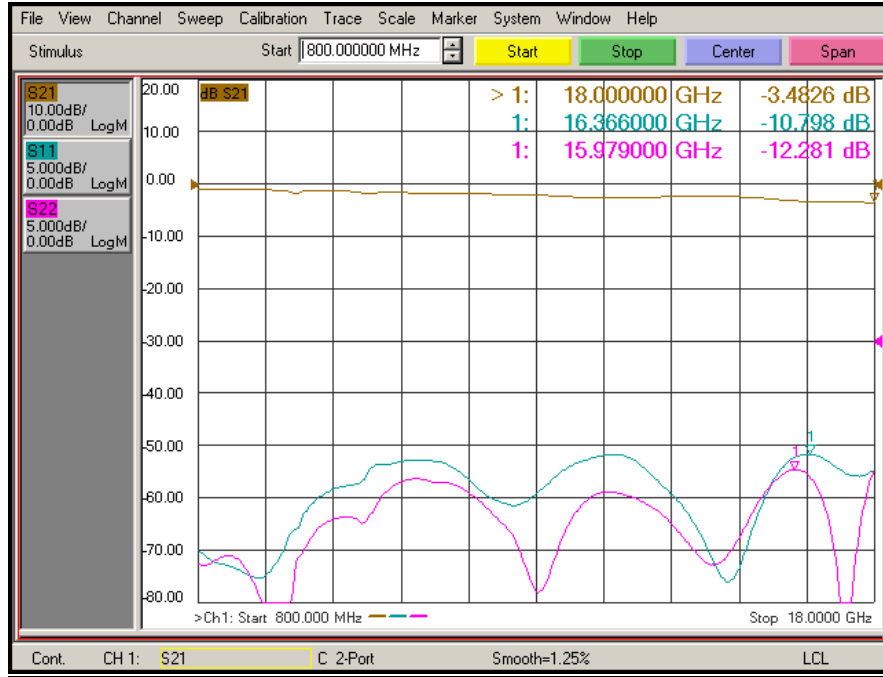
(J8 - J5) Isolation and Termination Return Loss



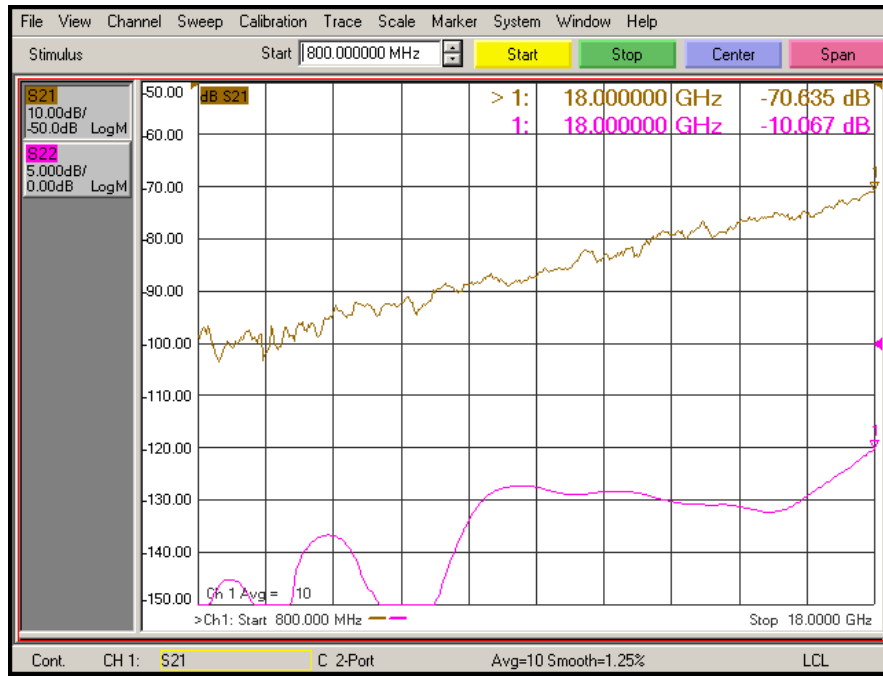


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



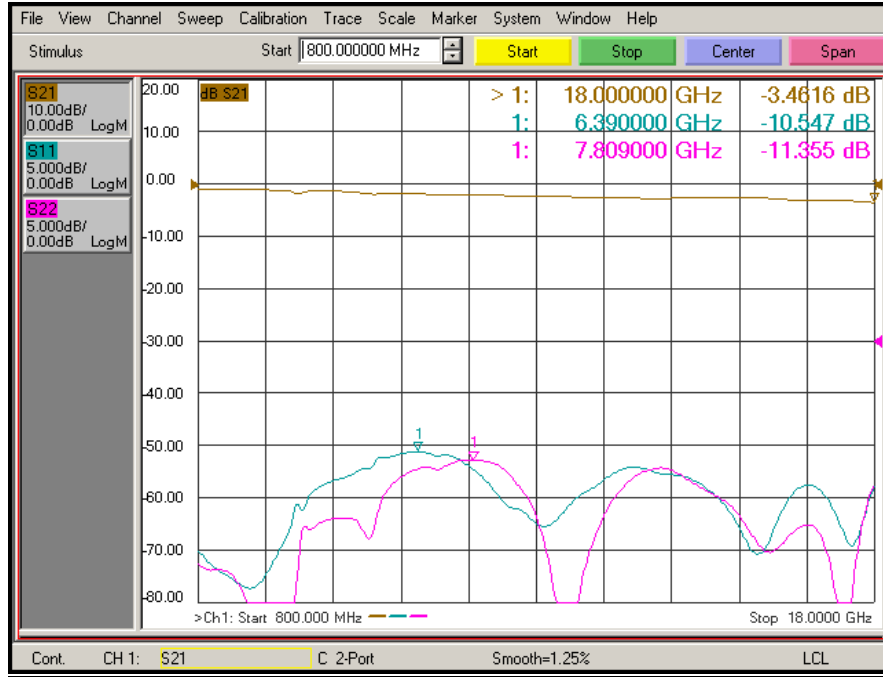
(J8 - J6) Isolation and Termination Return Loss



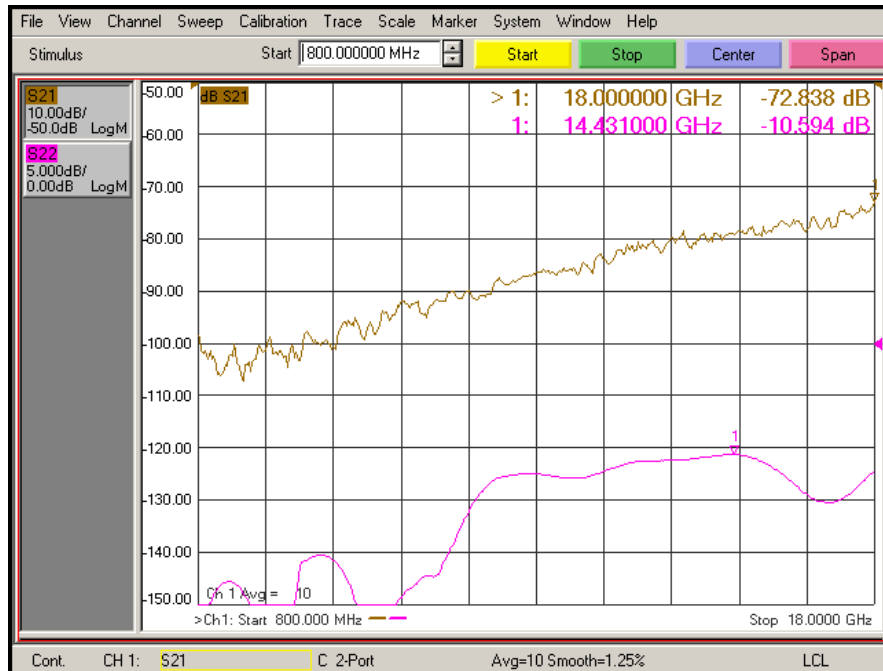


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-290
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11930/1245

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

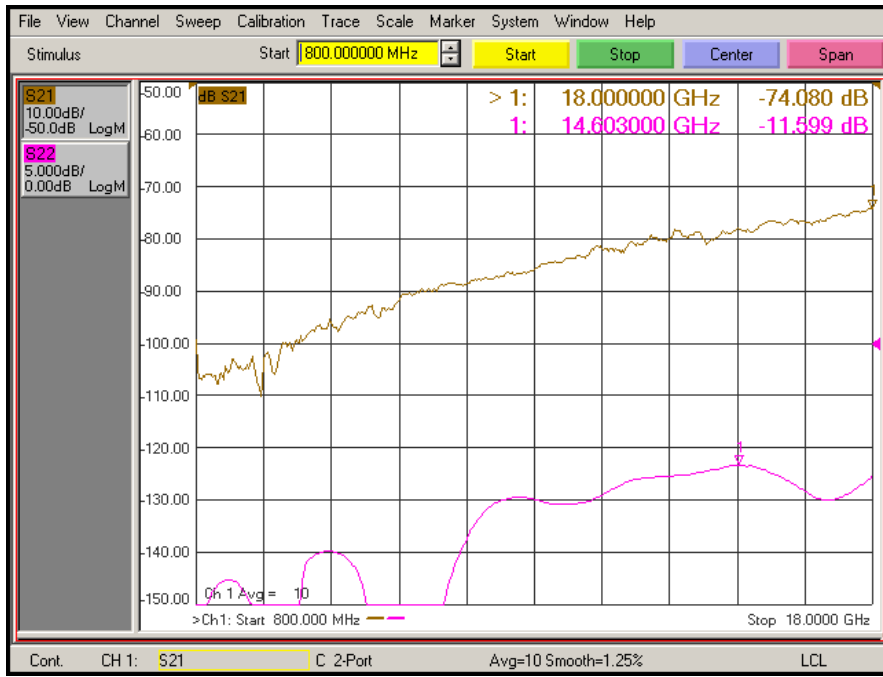


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



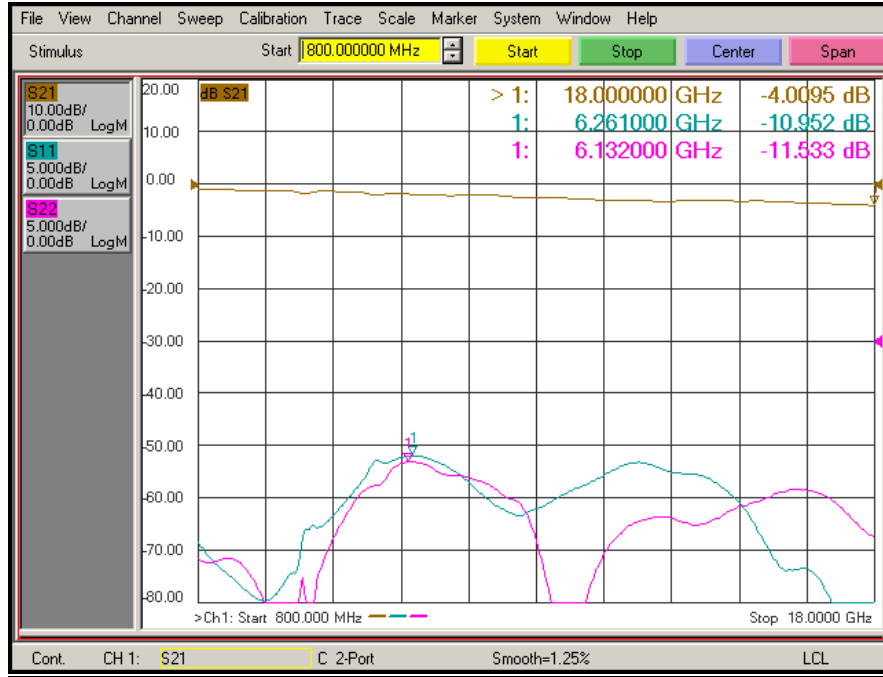
(J8 - J1) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J2) Insertion Loss and Return Loss



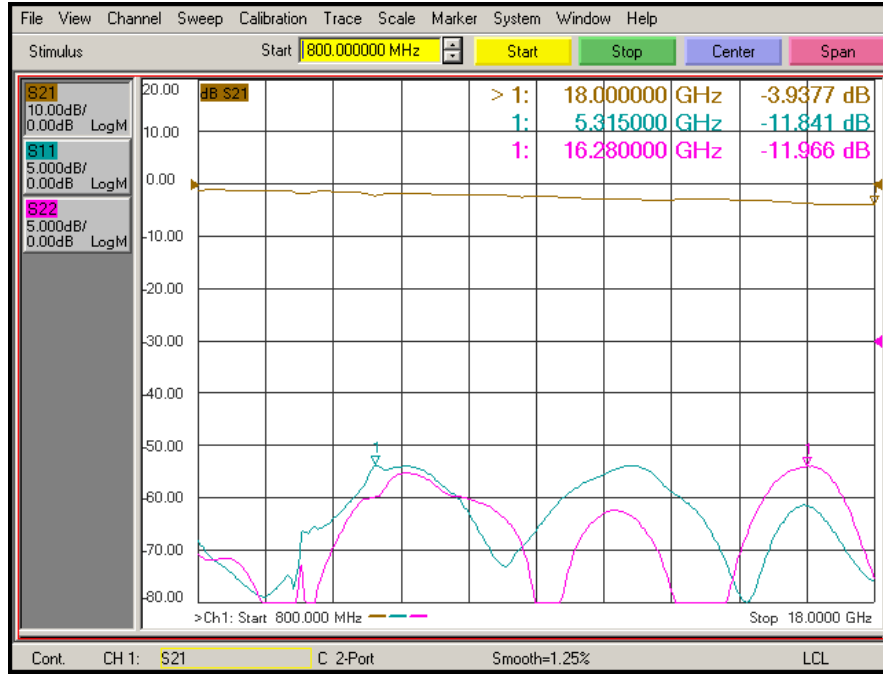
(J8 - J2) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J3) Insertion Loss and Return Loss



(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss



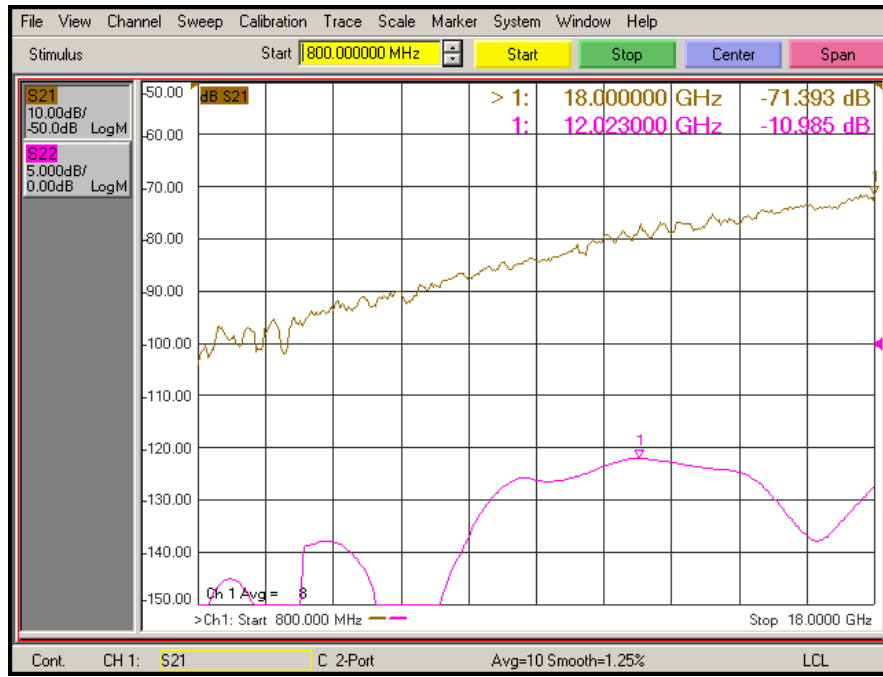


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



(J8 - J6) Isolation and Termination Return Loss



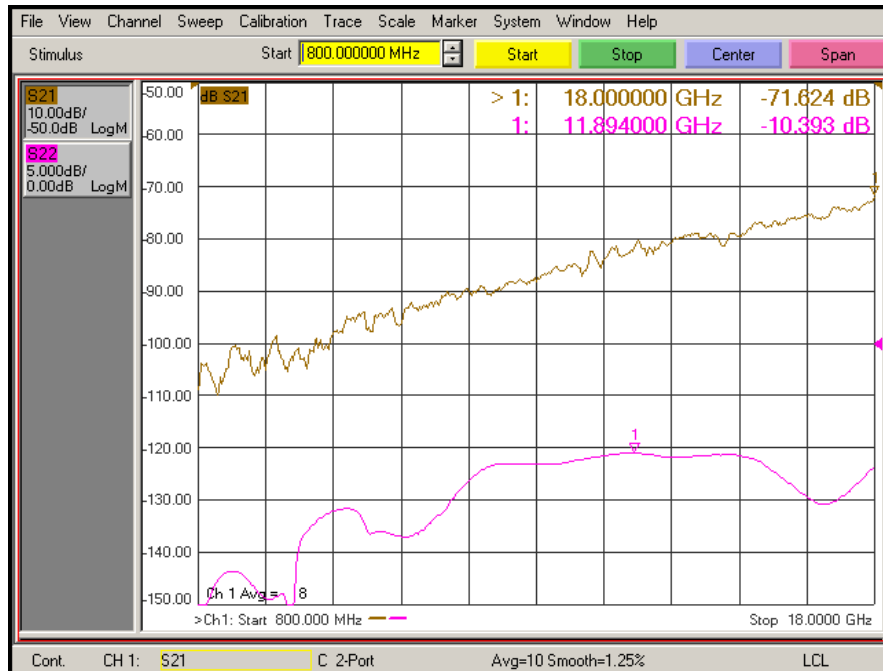


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-290
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11934/1245

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____

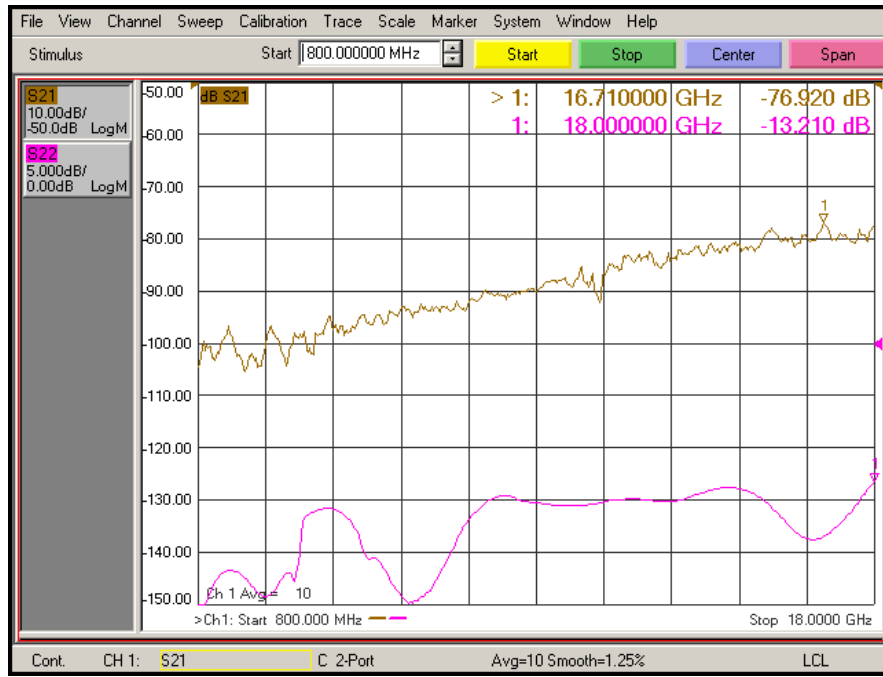


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



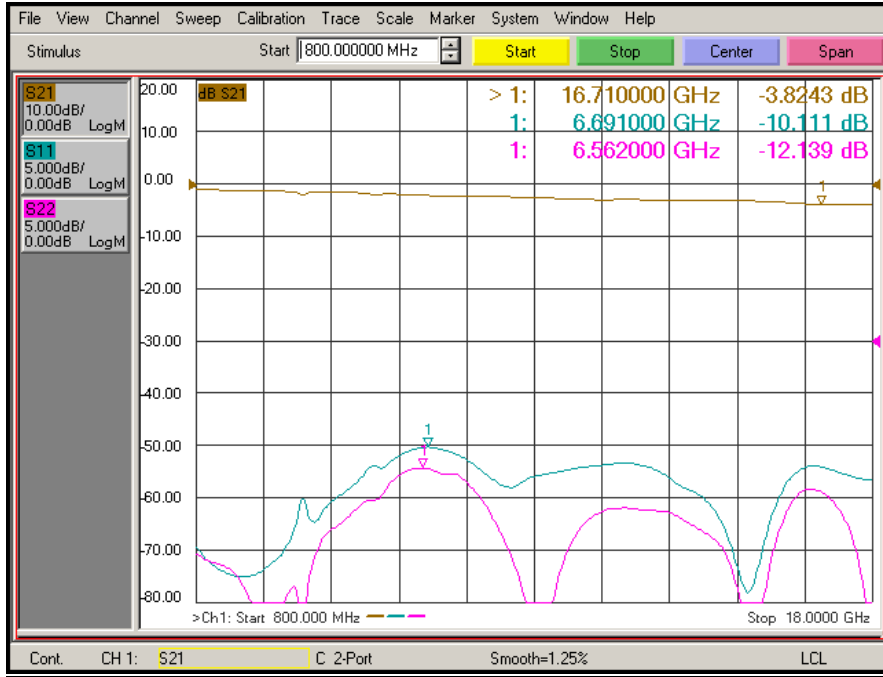
(J8 - J1) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss



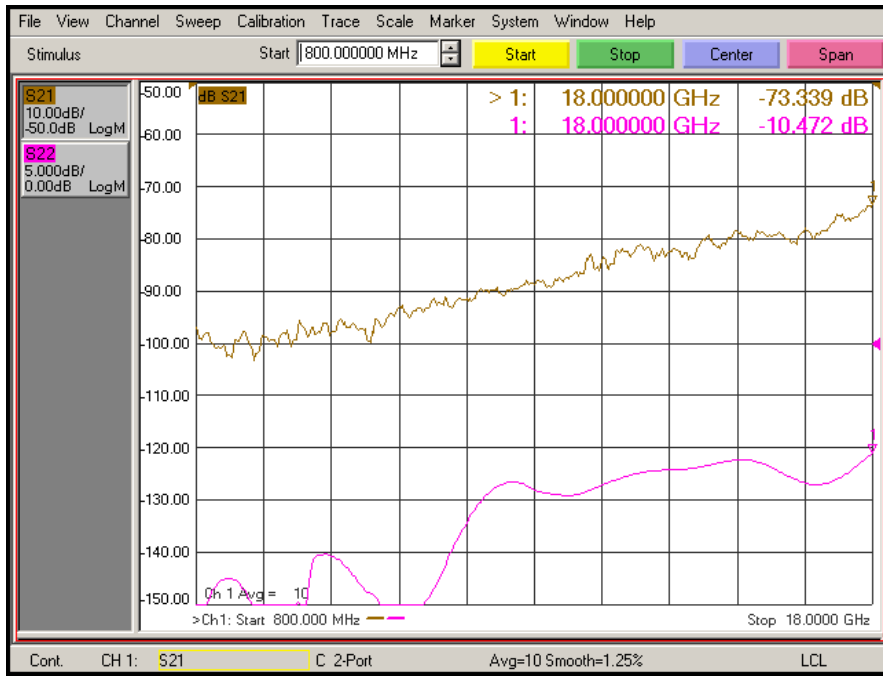


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



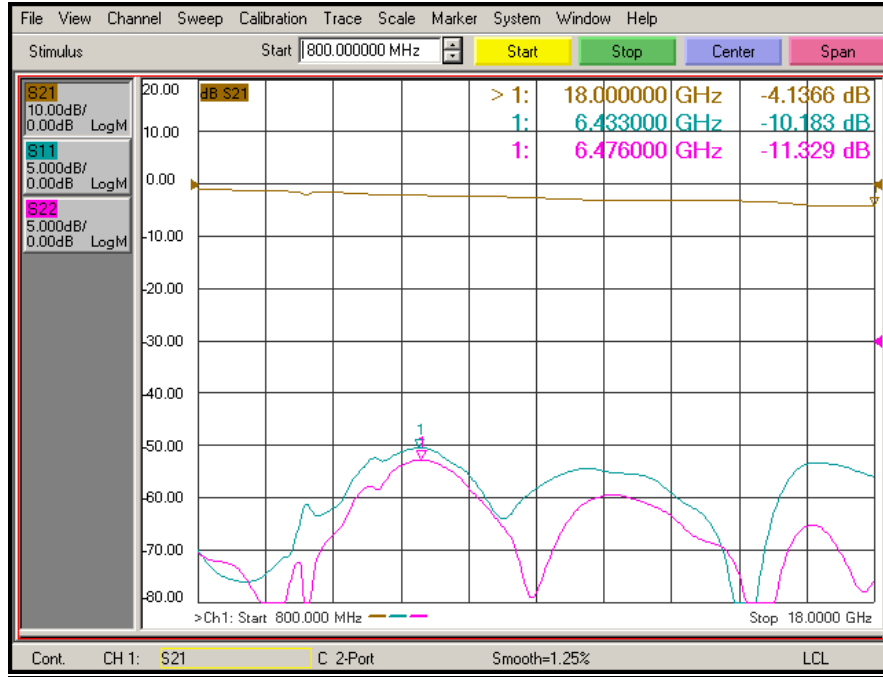
(J8 - J3) Isolation and Termination Return Loss



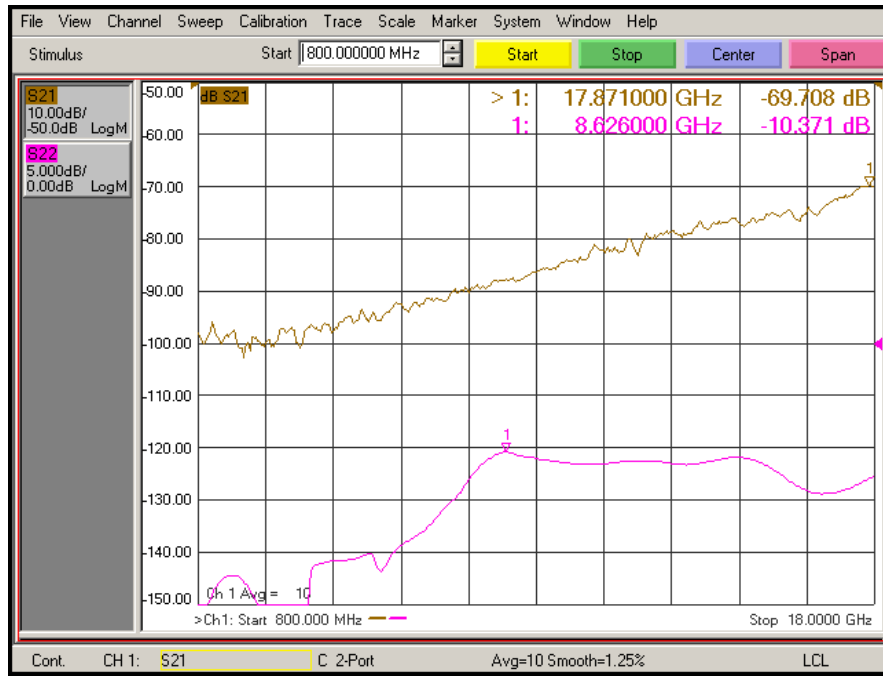


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



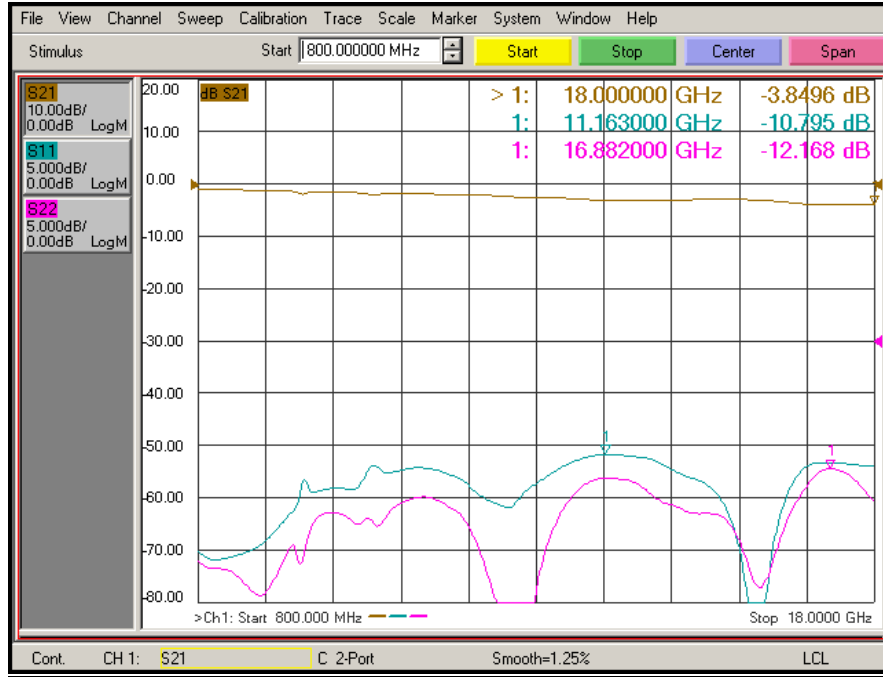
(J8 - J4) Isolation and Termination Return Loss



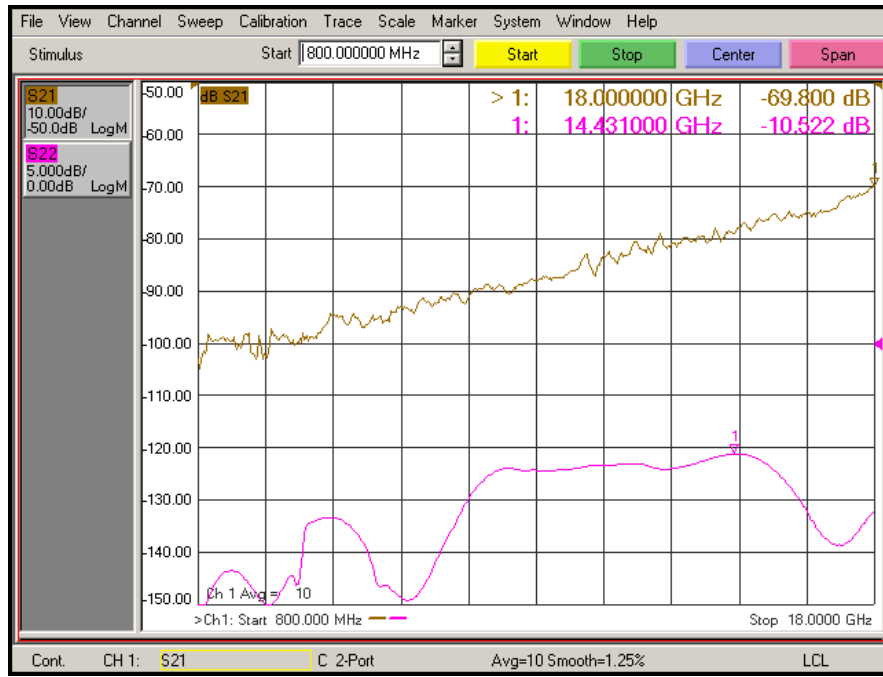


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



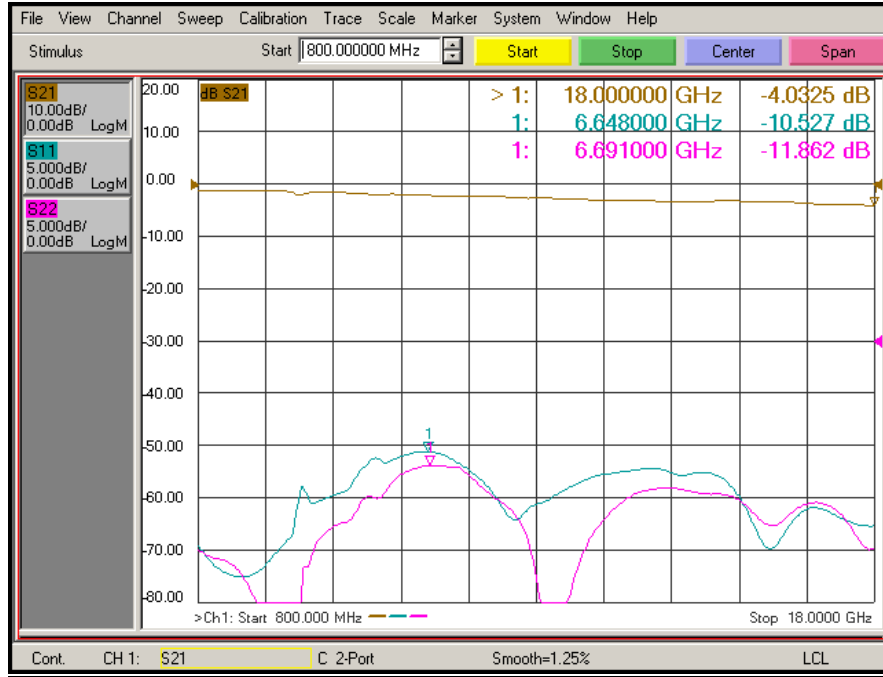
(J8 - J5) Isolation and Termination Return Loss



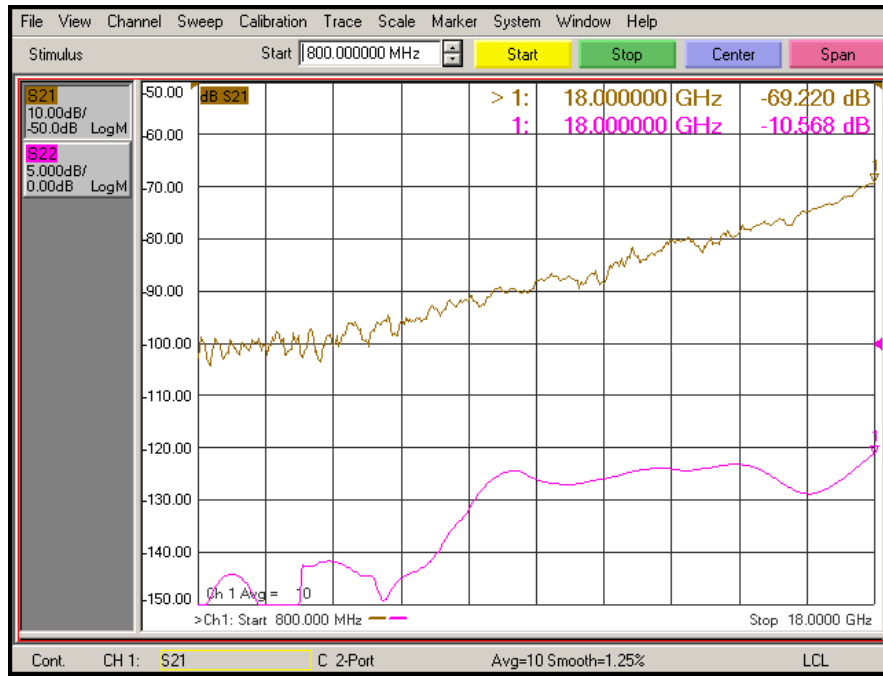


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



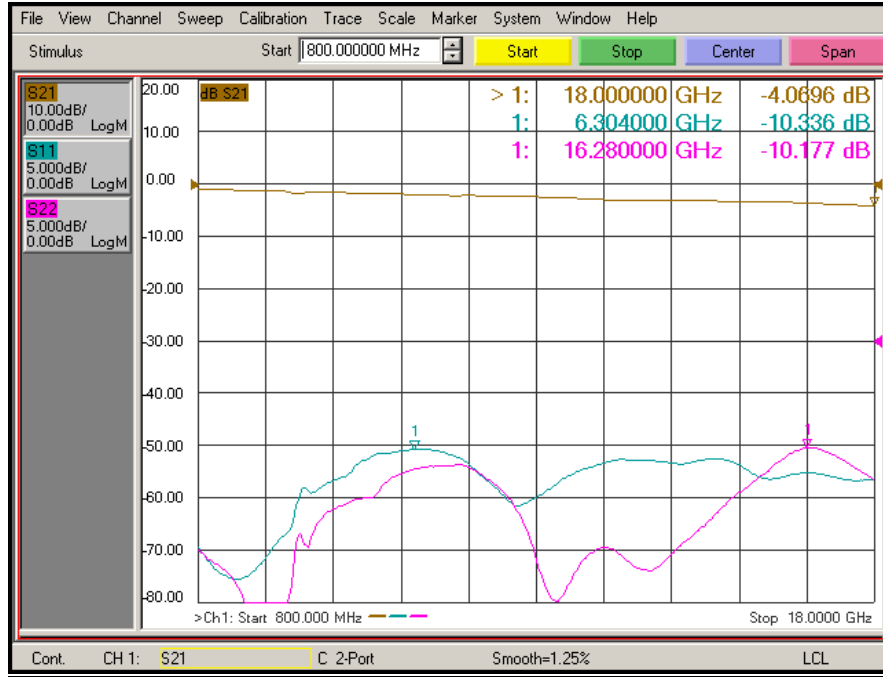
(J8 - J6) Isolation and Termination Return Loss



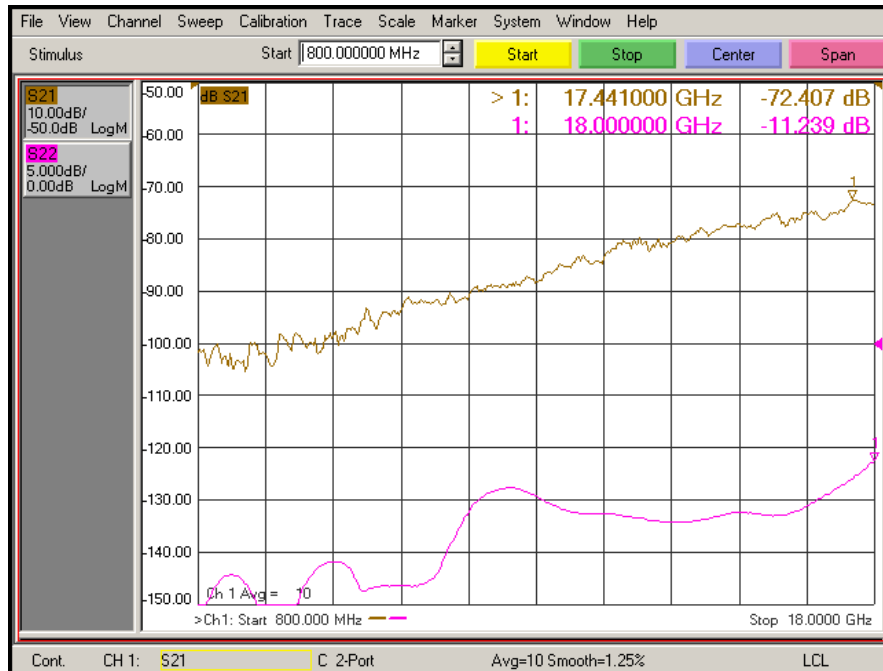


**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss





**SUMMARY TEST DATA
ON
P7T-0R8G18G-60-T-SFF-SMC**

Customer: _____
 Job No: SO12-290
 Model No: P7T-0R8G18G-60-T-SFF-SMC
 Serial No: 11944/1245

Tested By: L. McGraw
 Temperature: +25°C
 Date: 1/11/13

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC		
1	Frequency Range:	0.8 GHz – 18 GHz	Pass 0.8 GHz – 18 GHz			
2	Insertion Loss:	4.3dB Max.	Pass (See Plot)			
3	Isolation:	0.8 GHz to 18 GHz: 60 dB Min	Pass (See Plot)			
4	VSWR:	In/Out 2.0:1 Out/Off 2.0:1	Pass (See Plot)			
5	Switching Speed:	Rise: 15ns Max. Fall: 15ns Max. Delay On: 75ns Max. Delay Off: 75ns Max.	Pass See Typical Characteristics			
6	Input Power:	+20dBm CW (Standard) 1W CW(Survival)	Pass			
7	DC Supply:	+5V @ 350mA Max. -5V @ 100mA Max.	286mA 46mA			
8	Control Signal:	TTL "0" → (On) TTL "1" → (Off)	Pass			
SPECIFICATIONS REQUIRED	INSERTION LOSS 4.3dB	VSWR (2:1/9.54dB)	ISOLATION 60dB	SWITCHING SPEED 75ns	POWER ≤20dBm (STD) ≤30dBm (SURVIVAL)	AVG UNIT ERROR INCLUDING TEMP. WAVES ≤ 0.2dB
PERFORMANCE VARIATION INCONSISTENCY*	±0.5dB	±1dB	±5dB	±5ns	COMPLIANT	≤ 0.75dB

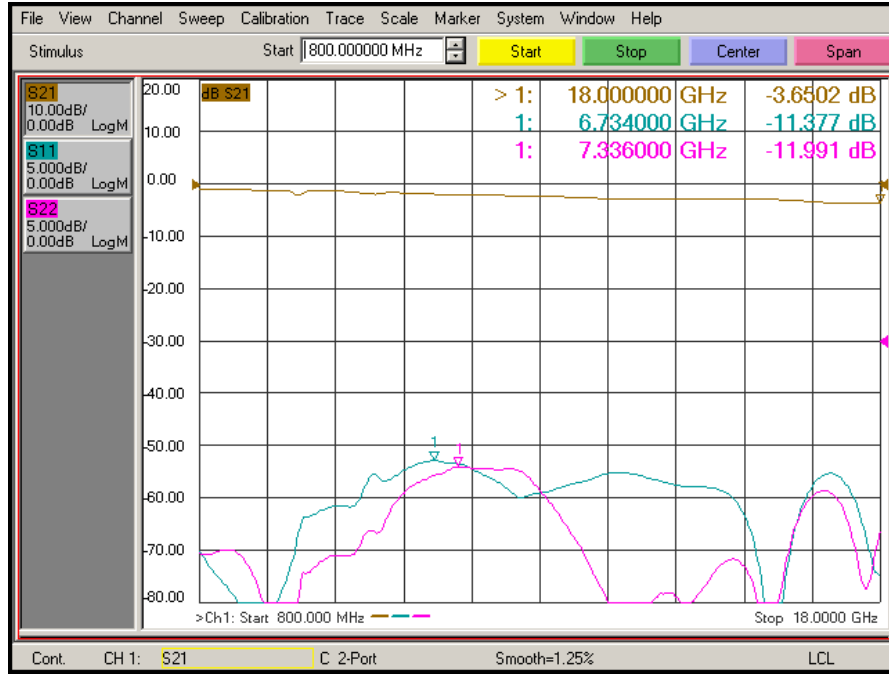
* CONSISTENCY/STABILITY FOR EACH DEVICE

QA/QC Approval: _____ Date: _____



SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J1) Insertion Loss and Return Loss



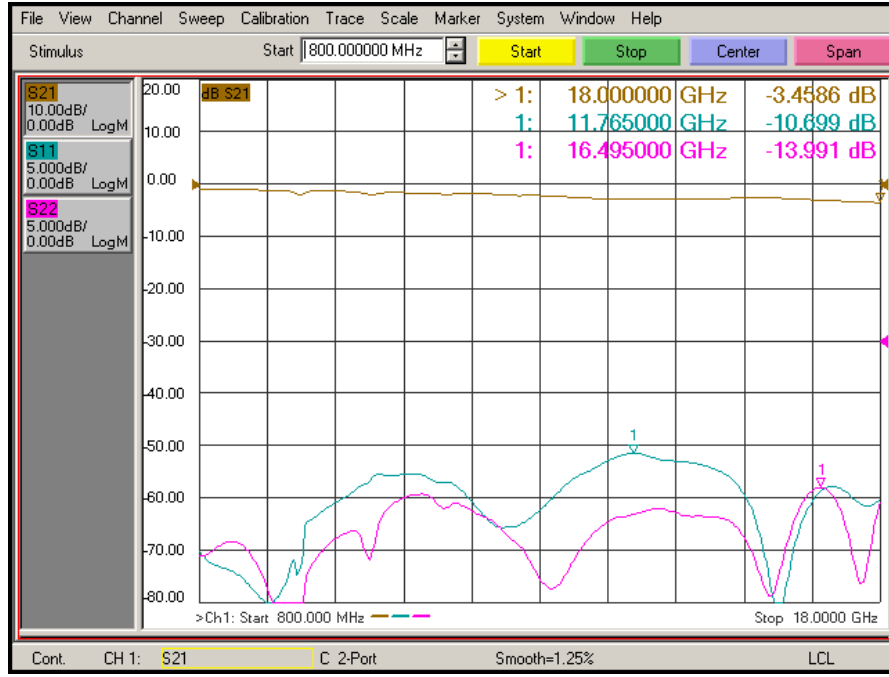
(J8 - J1) Isolation and Termination Return Loss



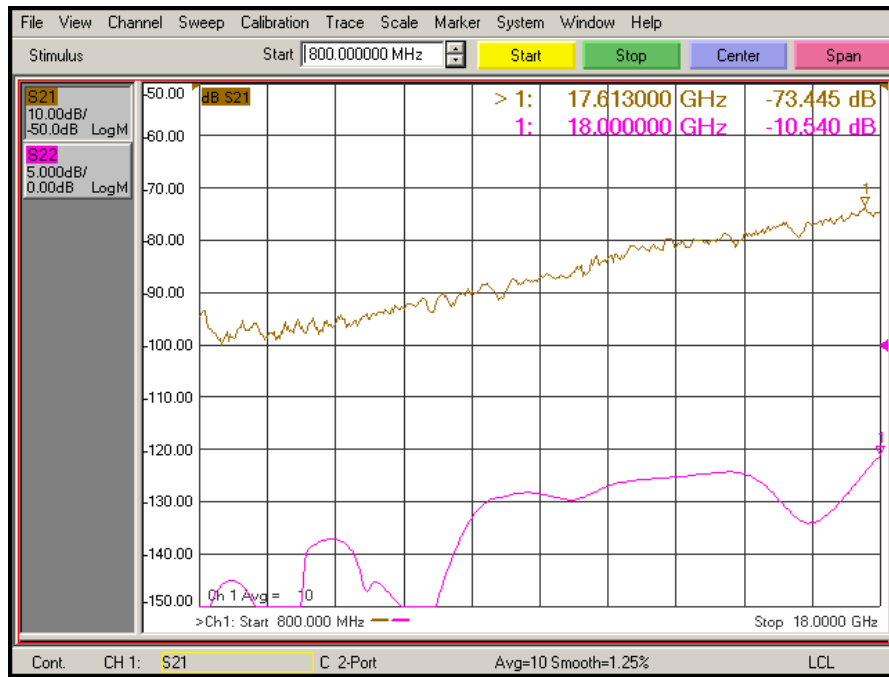


SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J2) Insertion Loss and Return Loss



(J8 - J2) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J3) Insertion Loss and Return Loss



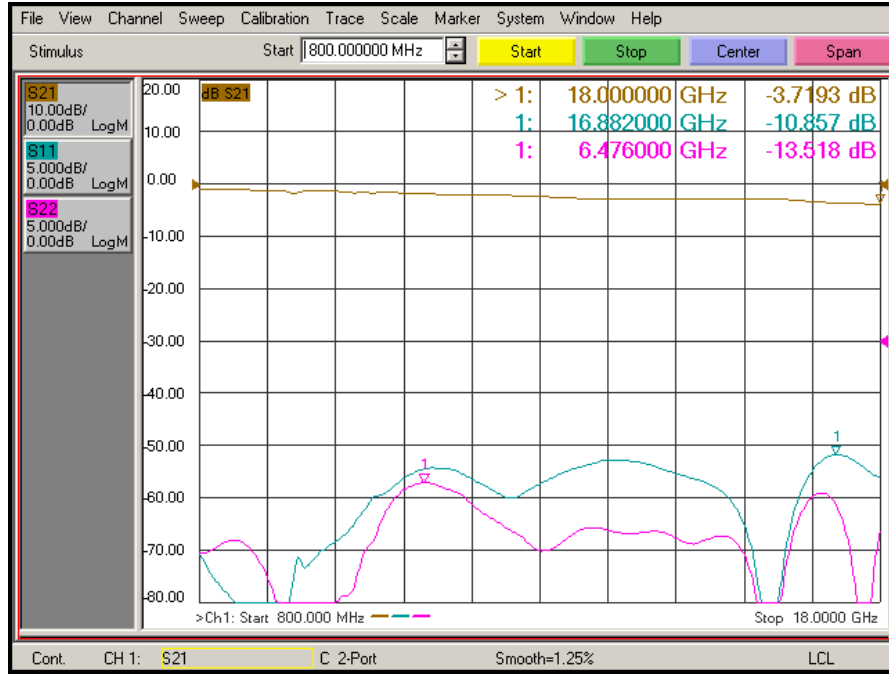
(J8 - J3) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J4) Insertion Loss and Return Loss



(J8 - J4) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J5) Insertion Loss and Return Loss



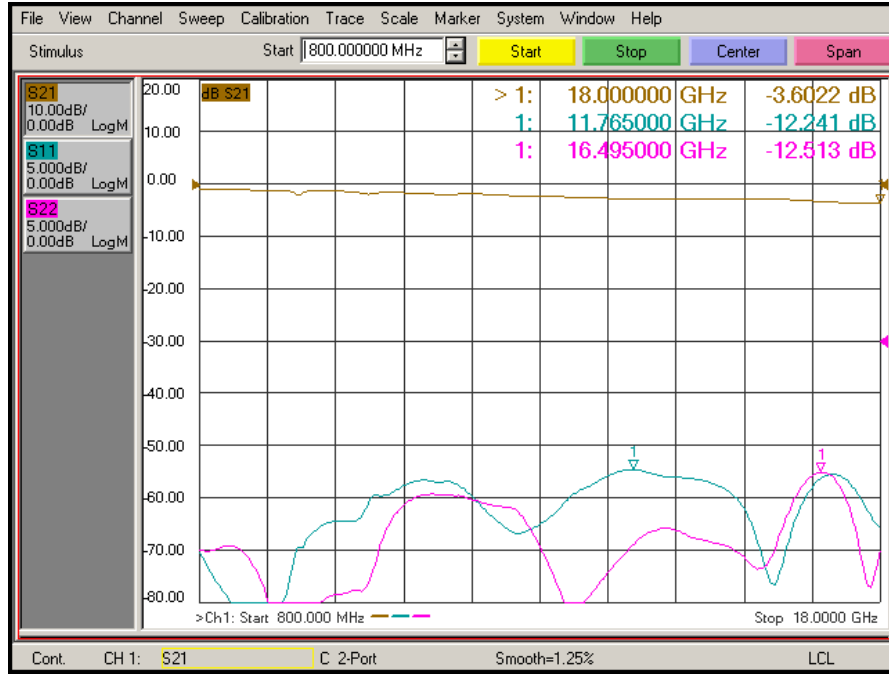
(J8 - J5) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J6) Insertion Loss and Return Loss



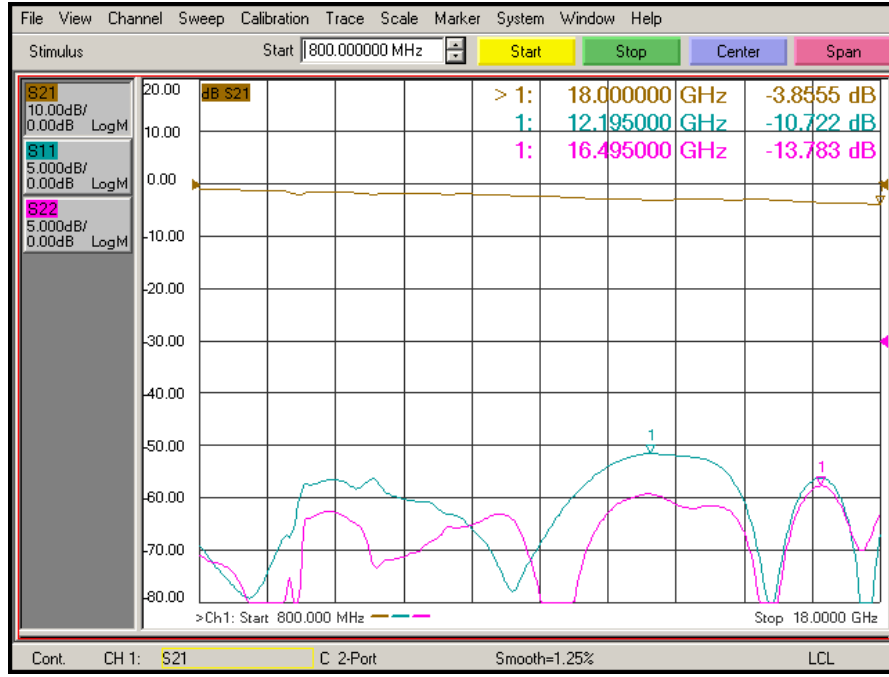
(J8 - J6) Isolation and Termination Return Loss





SUMMARY TEST DATA ON P7T-0R8G18G-60-T-SFF-SMC

(J8 - J7) Insertion Loss and Return Loss



(J8- J7) Isolation and Termination Return Loss

