



**SUMMARY TEST DATA
ON
PEAFS3-12-218-15-SFF-1**

PL13935/1339

Customer: _____ Tested By: H Gonzales
 SO No: _____ Temperature: +25°C
 Model No: PEAFS3-12-218-15-SFF-1 Date: 09/18/13
 Serial No: PL13935/1339 Drawing No: 27620304 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz See Plot	
2	*Gain:	+15 dB Min. +22 dB Max	18.1dB Min. 21.2dB Max. See Plot	
3	Gain Flatness:	± 2.0 dB Max. (2-18GHz) ±0.75 dB Max (500 MHz BW @ Any Frequency)	± 1.55dB See Plot	
4	Return Loss: (Input/Output)	9.5 dB Min.	Input 11.7dB Output 11.0dB See Plot	
5	OP1dB:	+9dBm Min.	>9dBm @ 2 GHz	
			>9dBm @ 10 GHz	
			>9dBm @ 18 GHz	
6	Max Input Power:	+5dBm CW	+5dBm	
7	DC Supply:	+15VDC ±5% @ 180mA Max	+15VDC ±5% @ 168mA Max	

*Unit To Unit Gain Tracking vs. Temperature Shall Be Per Figure 2.

*Refer to Outline Drawing For Figure 2.

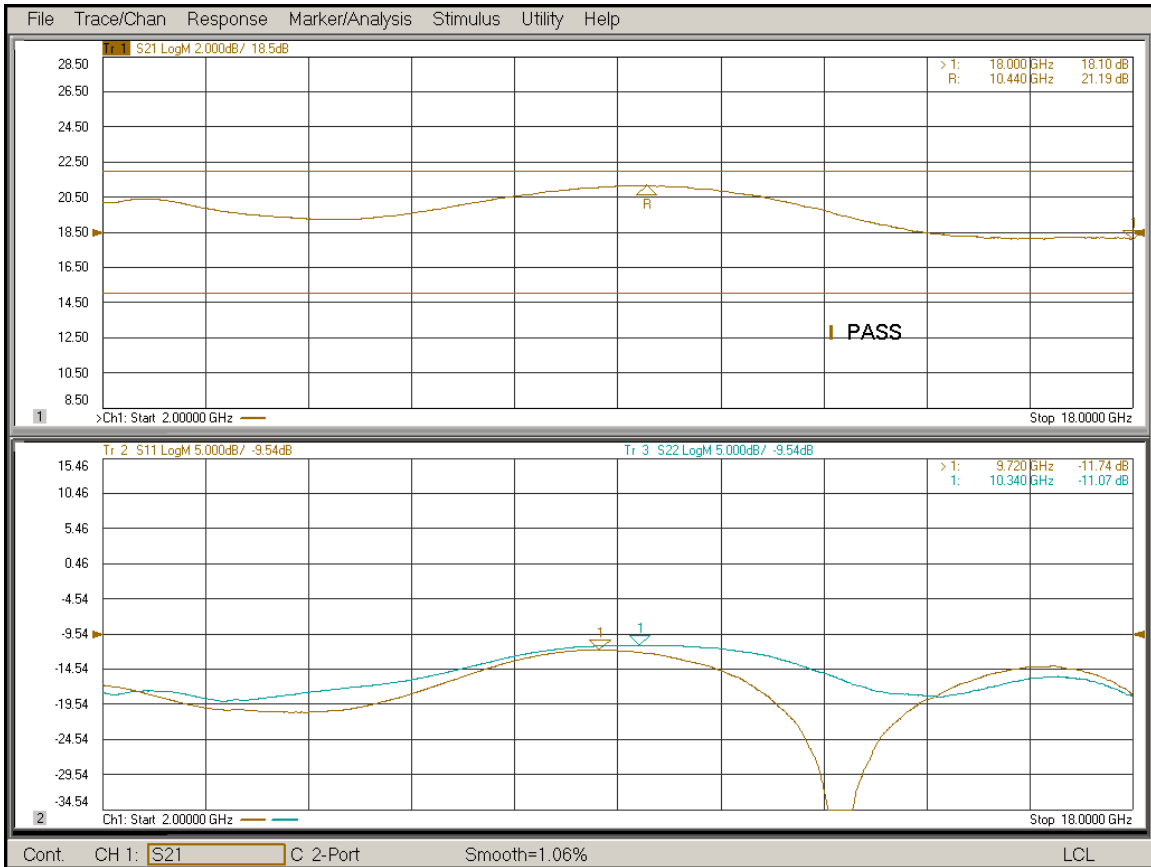
QA/QC Approval: _____ Date: _____



**SUMMARY TEST DATA
ON
PEAFS3-12-218-15-SFF-1**

PL13935/1339

Gain & Return Loss +25°C





**SUMMARY TEST DATA
ON
PEAFS3-12-218-15-SFF-1**

PL13935/1339

Customer: _____ Tested By: H. Gonzales
SO No: SO13-168-A-PE Temperature: +95°C
Model No: PEAFS3-12-218-15-SFF-1 Date: 09/18/13
Serial No: PL13935/1339 Drawing No: 27620305 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz See Plot	
2	*Gain:	+15 dB Min. +22 dB Max	16.6dB Min. 20.0dB Max. See Plot	
3	Gain Flatness:	± 2.0 dB Max. (2-18GHz) ±0.75 dB Max (500 MHz BW @ Any Frequency)	± 1.7dB See Plot	
4	Noise Figure:	5.0 dB Max (2 – 4 GHz) 4.1 dB Max (4 – 18 GHz)	(2 – 4 GHz) 4.4dB (4 – 18 GHz) 3.9dB See Plot	
5	Max Input Power:	+5dBm CW	+5dBm	
6	DC Supply:	+15VDC ±5% @ 180mA Max	+15VDC ±5% @ 172mA Max	

*Unit To Unit Gain Tracking vs. Temperature Shall Be Per Figure 2.
*Refer to Outline Drawing For Figure 2.

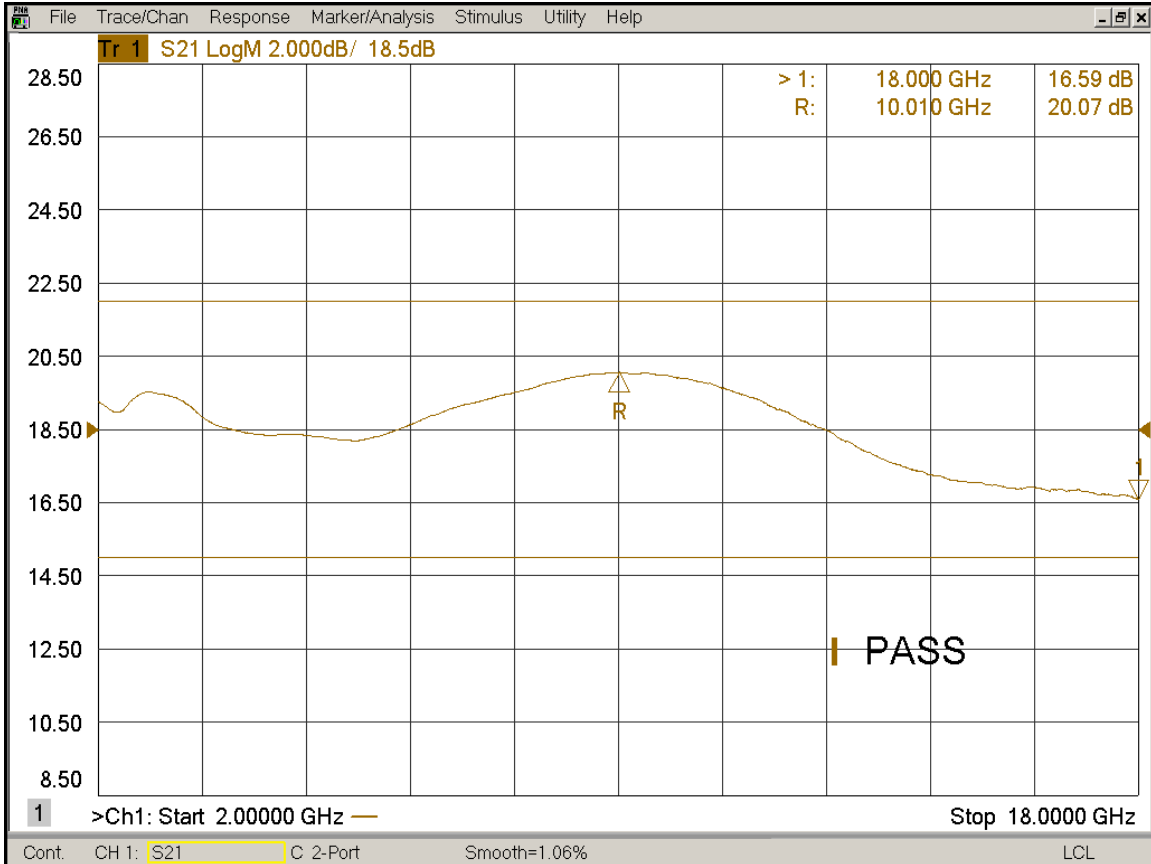
QA/QC Approval: _____ Date: _____



**SUMMARY TEST DATA
ON
PEAFS3-12-218-15-SFF-1**

PL13935/1339

Gain +95°C

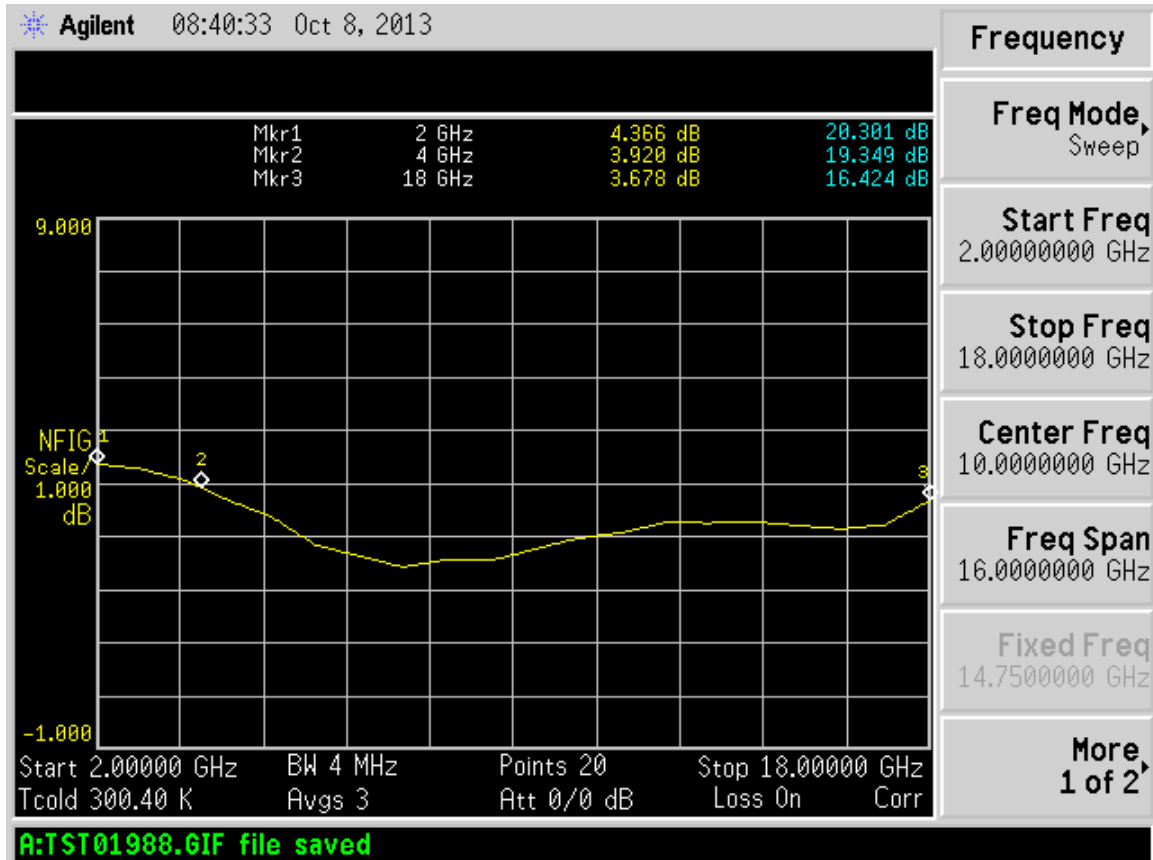




**SUMMARY TEST DATA
ON
PEAFS3-12-218-15-SFF-1**

PL13935/1339

Noise Figure Plot +95°C





**SUMMARY TEST DATA
ON
PEAFS3-12-218-15-SFF-1**

PL13935/1339

Customer: _____ Tested By: H. Gonzales
SO No: SO13-168-A-PE Temperature: -54°C
Model No: PEAFS3-12-218-15-SFF-1 Date: 09/18/13
Serial No: PL13935/1339 Drawing No: 27620303 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 GHz – 18 GHz	2 GHz – 18 GHz See Plot	
2	*Gain:	+15 dB Min. +22 dB Max	18.3 dB Min. 21.2dB Max. See Plot	
3	Gain Flatness:	± 2.0 dB Max. (2-18GHz) ±0.75 dB Max (500 MHz BW @ Any Frequency)	± 1.45 dB See Plot	
4	Max Input Power:	+5dBm CW	+5dBm	
5	DC Supply:	+15VDC ±5% @ 180mA Max	+15VDC ±5% @ 159mA Max	

*Unit To Unit Gain Tracking vs. Temperature Shall Be Per Figure 2.
*Refer to Outline Drawing For Figure 2.

QA/QC Approval: _____ Date: _____



**SUMMARY TEST DATA
ON
PEAFS3-12-218-15-SFF-1**

PL13935/1339

Gain -54°C

