



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

PL13934/1339

Customer: _____ Tested By: H. Gonzales / S. Palacio
 SO No: _____ Temperature: +25°C
 Model No: PEAFS3-12-218-15-SFF-1 Date: 10/07/13
 Serial No: PL13934/1339 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	18.0dB Min. 21.2dB Max. See Plot	
3	Gain Flatness:	± 2.0 dB Max. (2-18GHz) ±0.75 dB Max (500 MHz BW @ Any Frequency)	± 1.6dB See Plot	
4	Return Loss: (Input/Output)	9.5 dB Min.	Input 12.3dB Output 9.9dB 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% @ 176mA Max	

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

*Refer to Outline Drawing For Figure 2.

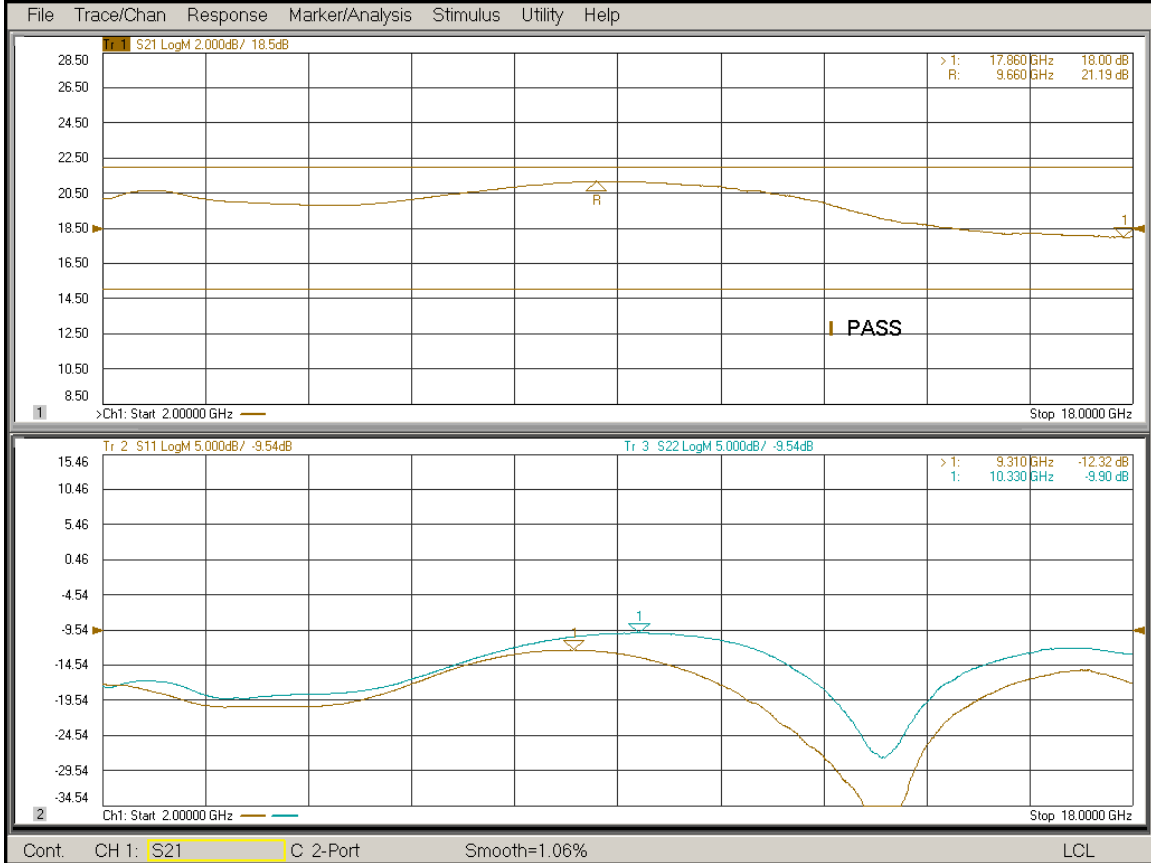
QA/QC Approval: _____ Date: _____



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

PL13934/1339

Gain & Return Loss +25°C





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

PL13934/1339

Customer: _____	Tested By: <u>H. Gonzales / S. Palacio</u>
SO No: <u>SO13-168-A-PE</u>	Temperature: <u>+95°C</u>
Model No: <u>PEAFS3-12-218-15-SFF-1</u>	Date: <u>09/18/13</u>
Serial No: <u>PL13934/1339</u>	Drawing No: <u>27620305</u> Rev: <u>A1</u>

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	17.3dB Min. 20.6dB Max. See Plot	
3	Gain Flatness:	± 2.0 dB Max. (2-18GHz) ±0.75 dB Max (500 MHz BW @ Any Frequency)	± 1.65dB 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) 3.8dB See Plot	
5	Max Input Power:	+5dBm CW	+5dBm	
6	DC Supply:	+15VDC ±5% @ 180mA Max	+15VDC ±5% @ 177mA Max	

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

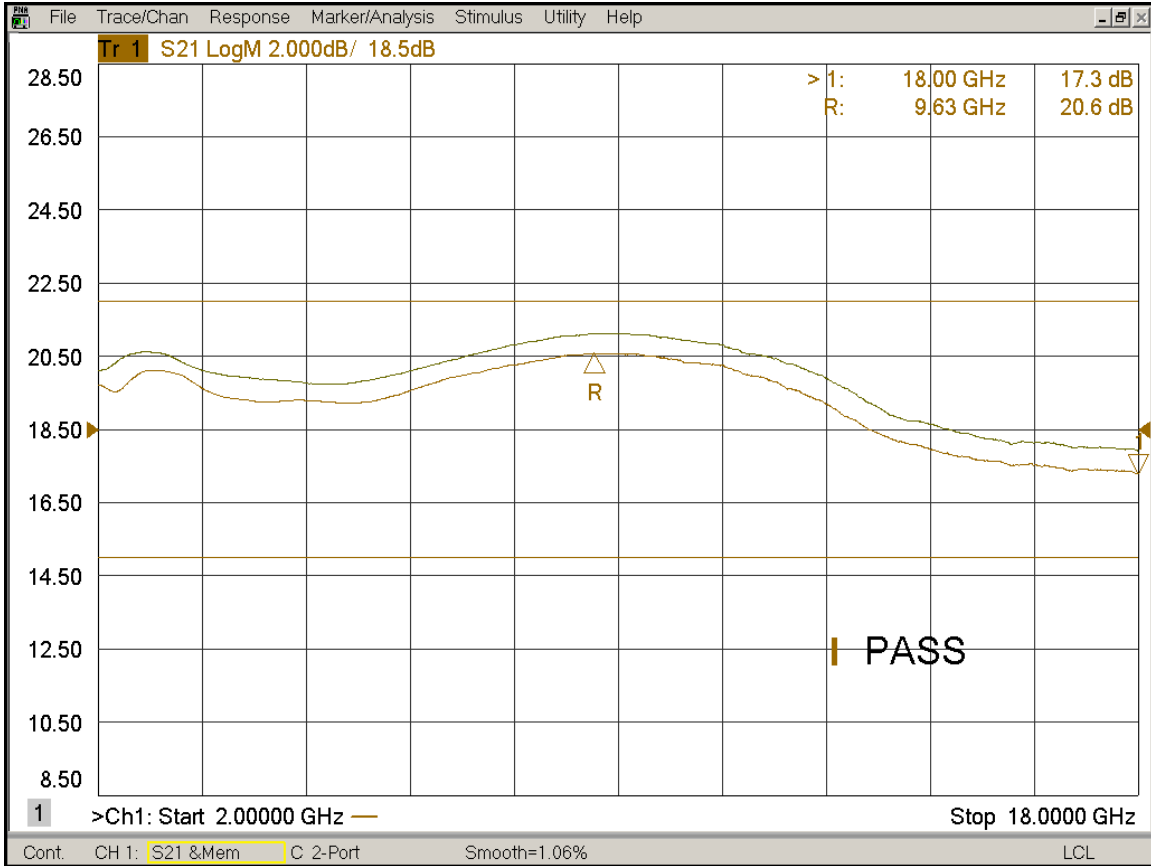
QA/QC Approval: _____ Date: _____



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

PL13934/1339

Gain +95°C

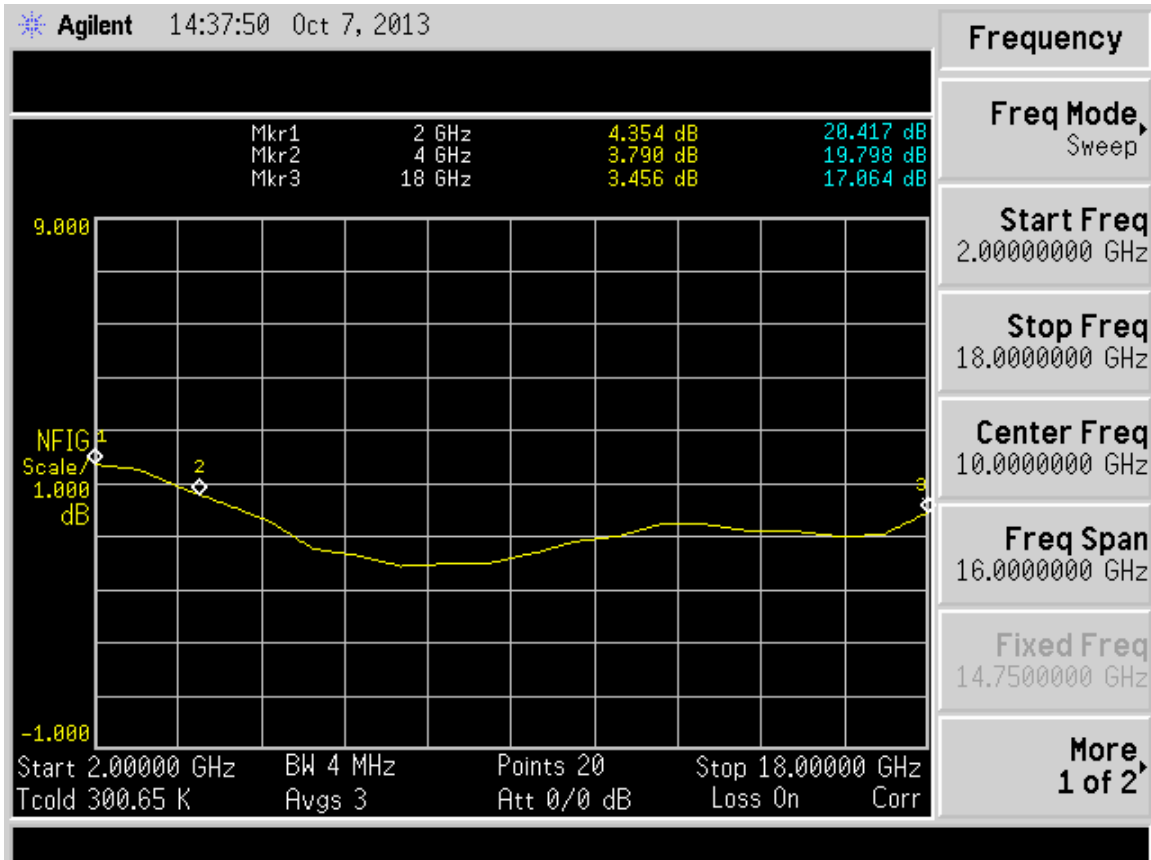




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PL13934/1339

Noise Figure Plot +95°C





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

PL13934/1339

Customer: _____ Tested By: H. Gonzales / S. Palacio
SO No: SO13-168-A-PE Temperature: -54°C
Model No: PEAFS3-12-218-15-SFF-1 Date: 10/07/13
Serial No: PL13934/1339 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	18.4 dB Min. 21.5dB Max. See Plot	
3	Gain Flatness:	± 2.0 dB Max. (2-18GHz) ±0.75 dB Max (500 MHz BW @ Any Frequency)	± 1.55 dB See Plot	
4	Max Input Power:	+5dBm CW	+5dBm	
5	DC Supply:	+15VDC ±5% @ 180mA Max	+15VDC ±5% @ 171mA 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**

PL13934/1339

Gain -54°C

