



**SUMMARY TEST DATA
ON
PE2-40-100M18G-3R5-20-12-SFF**

Customer: _____
SO No: _____
Model No: PE2-40-100M18G-3R5-20-12-SFF
Serial No: PL22181/1809

Tested By: RCombs
Temperature: +25°C
Date: 2/27/18
Drawing No: 27633250 Rev: A1

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULT	QA QC
1	Frequency Range	0.1 to 18.0 GHz	0.1 to 18.0 GHz (See Plot)	
2	Gain	37 dB Typical	42.2 dB to 45.7 dB (See Plot)	
3	Gain Flatness	±2.0 dB Maximum	±1.75 dB (See Plot)	
4	Noise Figure	3.5 dB Maximum (2-18 GHz) 7.0 dB Maximum (@ 100 MHz)	3.88 dB (See Plot) 5.65 dB (See Plot)	
5	OP1dB	+20 dBm Minimum	+21.5 dBm	
6	VSWR	2.3:1 Maximum (Input) 2.5:1 Maximum (Output)	1.36:1 (See Plot) 1.76:1 (See Plot)	
7	Power Supply	+14.5 TO +28 VDC @ 525 mA Nominal*	+14.5 VDC @ 398 mA	

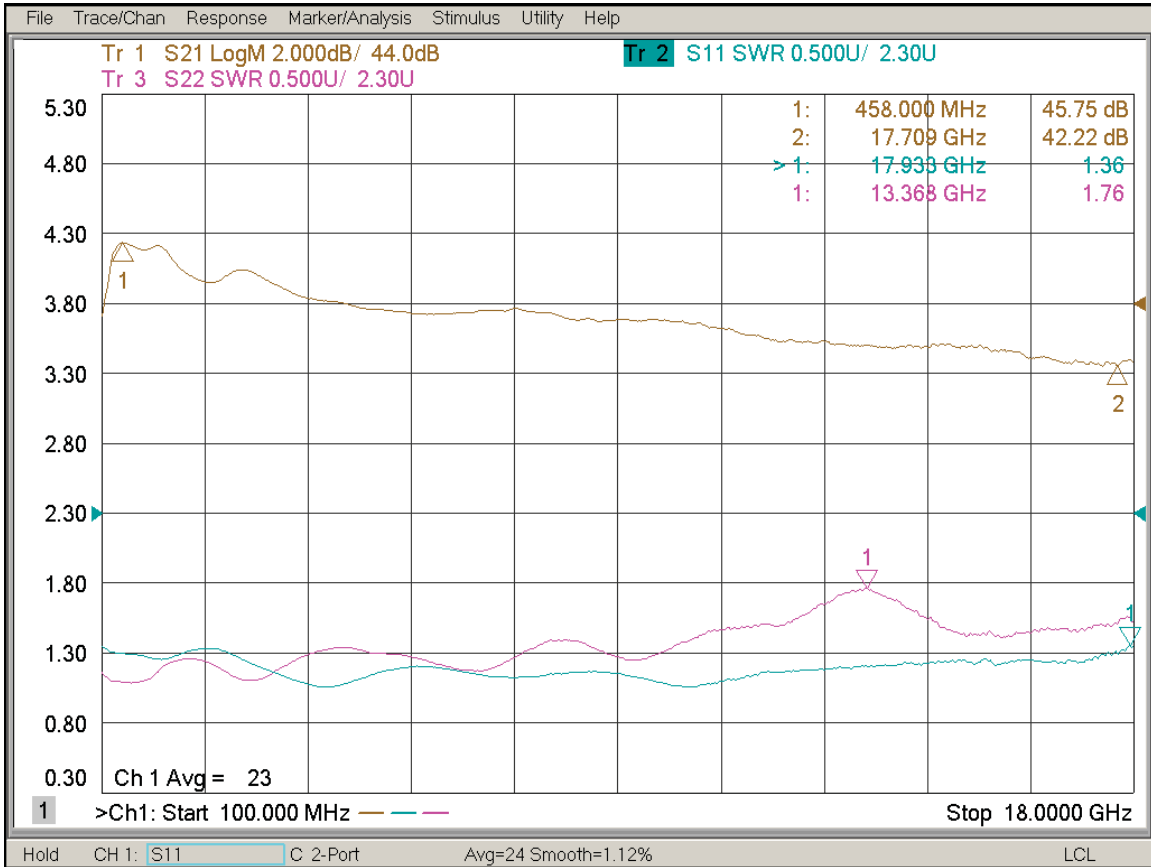
*IF RAN OVER 15V, HEATSINK (WITH INTEGRATED REGULATOR BOARD) MUST BE USED.
** HEATSINK IS REQUIRED AT ALL TIMES

QA/QC Approval: _____ Date: _____



**SUMMARY TEST DATA
ON
PE2-40-100M18G-3R5-20-12-SFF**

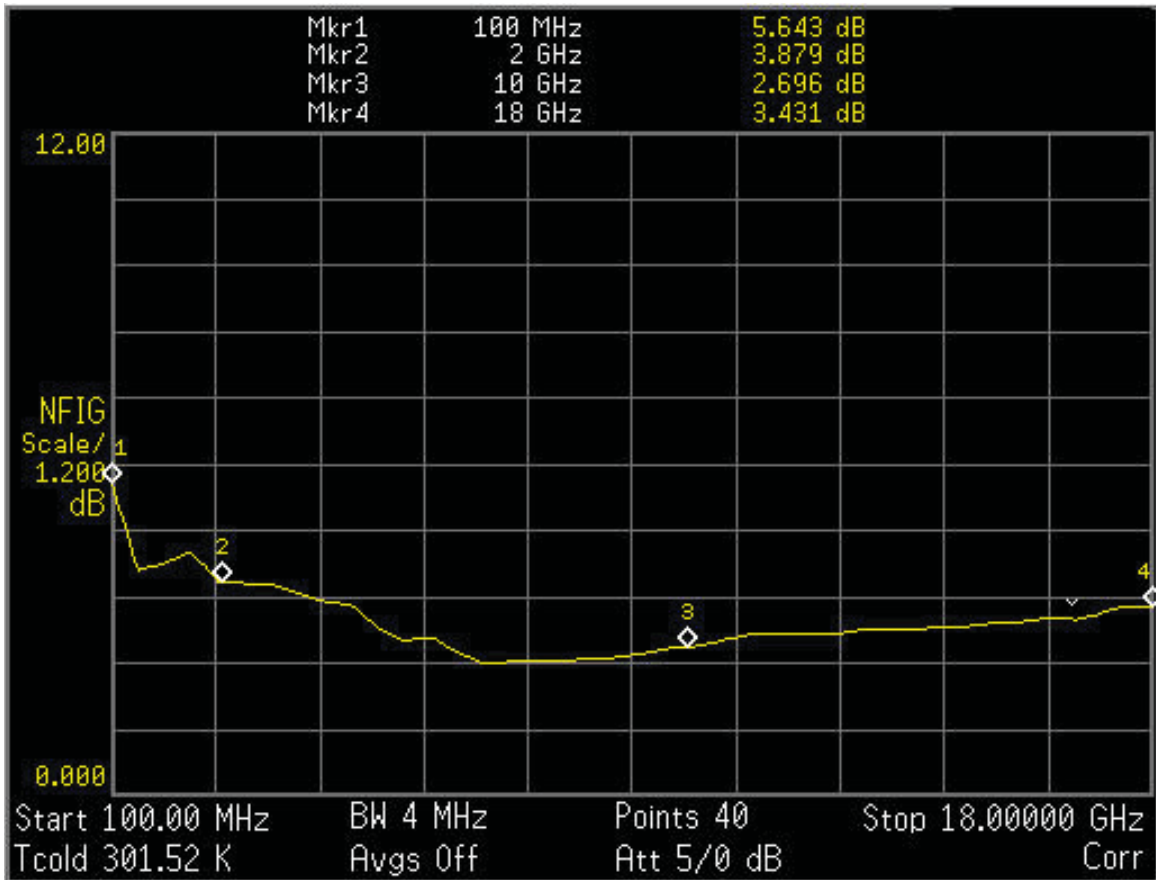
GAIN / GAIN FLATNESS / INPUT VSWR / OUTPUT VSWR





**SUMMARY TEST DATA
ON
PE2-40-100M18G-3R5-20-12-SFF**

NOISE FIGURE





**SUMMARY TEST DATA
ON
PE2-40-100M18G-3R5-20-12-SFF**

