



**SUMMARY TEST DATA
ON
PEC-18-2D35G-1R75-9-SFF-BPF-HS-LM**

Customer : _____
 Job No : SO09000064
 Model No : PEC-18-2D35G-1R75-9-SFF-BPF-HS-LM
 Serial No : _____

Tested By : D. Vescuso
 Temperature : +25°C
 Date : 11/11/09

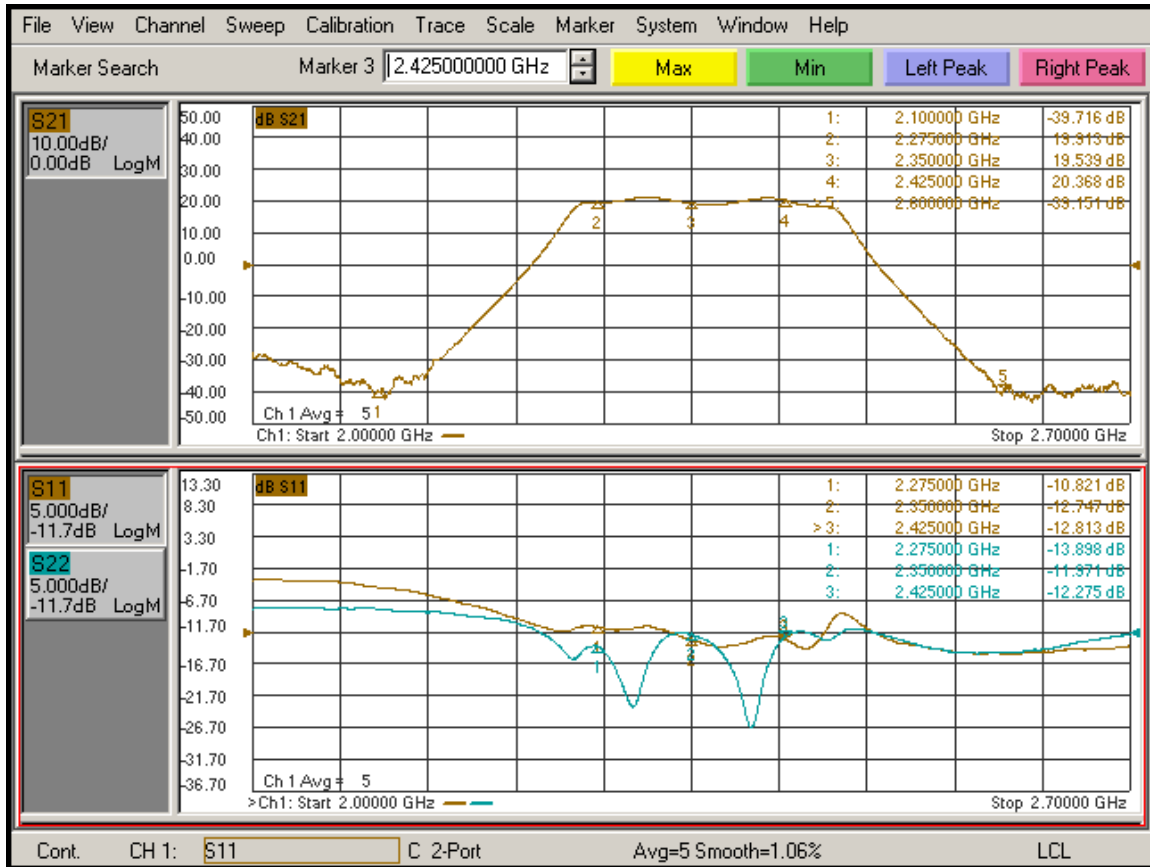
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA/QC
1	Center Frequency:	2.35 GHz	Pass	
2	1 dB Bandwidth (Typ):	150 MHz	Pass (See Plot)	
3	≥30 dBc Rejection:	2100 and 2600 MHz	Pass (See Plot)	
4	Gain (Typ):	18 dB	Pass (See Plot)	
5	Noise Figure:	1.5 dB Goal, 1.75 dB Max	Pass (See Plot)	
6	Isolation (Min):	40 dB	Pass (See Plot)	
7	VSWR (Max):	2.0 : 1	Pass (See Plot)	
8	Input Power:	+30 dBm Max	Pass	
9	Maximum Output Power:	+2 dBm Max	2.275 GHz : -0.5 dBm 2.35 GHz : 0.7 dBm 2.425 GHz : 1.1 dBm	
10	Switching Speed (Max):	100 nS	Pass See Typical Characteristics	
11	EMI Shielding (Min):	60 dB @ 1 foot distance	Pass	
12	Differential Control:	A > B "On" B > A "Off"	Pass	
13	DC Supply:	+9 VDC	+9 VDC @ 103 mA	

Production Manager Approval: _____ Date: _____

QA/QC Approval: _____ Date: _____

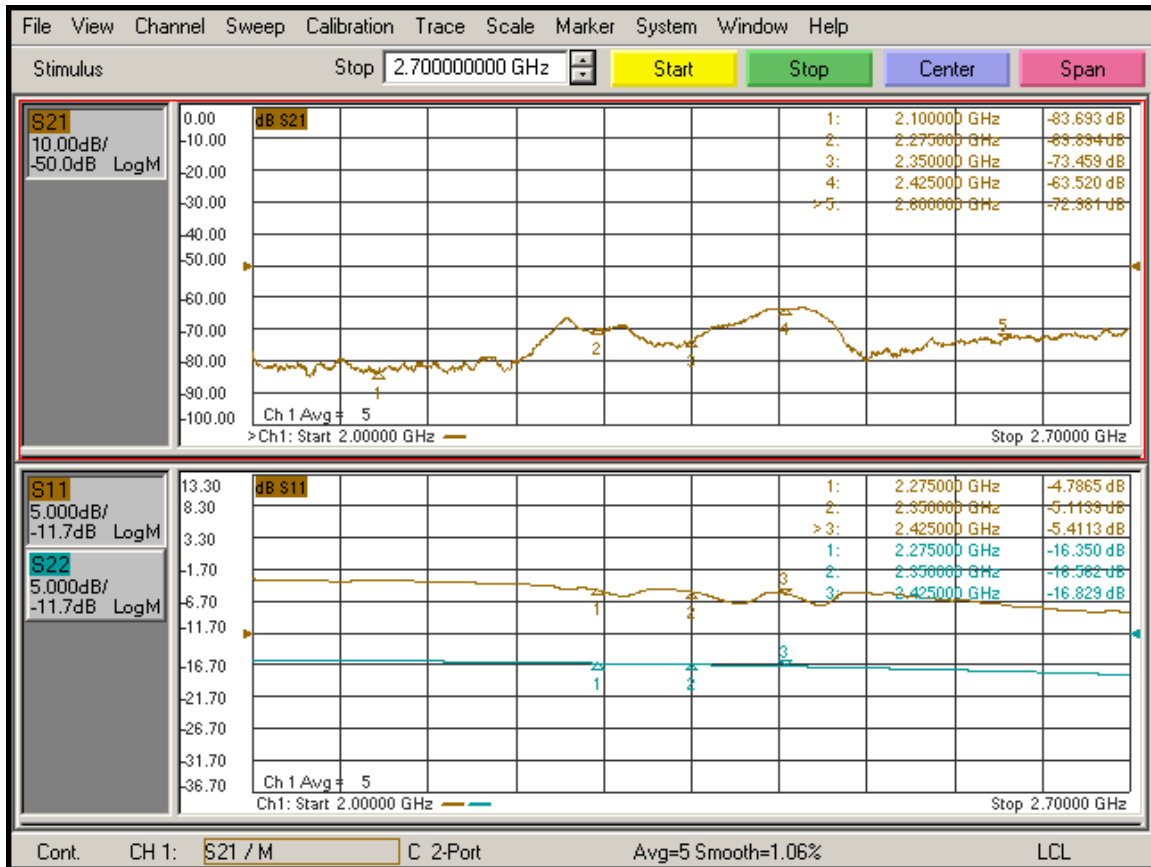


Gain, VSWR, 1 dB Bandwidth and Rejection Plot





Isolation





Noise Figure

