



**SUMMARY TEST DATA  
ON  
P6T-2G18G-60-T-512-SFF-LV**

**PL15082/1418**

Customer: _____	Tested By: <u>Jerry N.</u>	
SO No: _____	Temperature: <u>+25°C</u>	
Model No: <u>P6T-2G18G-60-T-512-SFF-LV</u>	Date: <u>12/20/17</u>	
Serial No: <u>PL15082/1418</u>	Drawing No: <u>27620059</u>	Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA 1	
2	Insertion Loss:	4.0dB Max	4.0dB (See Plot)		
3	Insertion Loss Tracking between all ports:	0.8dB Window Max	0.4dB (See Plot)		
4	Isolation:	60dB Min	76.74dB (See Plot)		
5	VSWR:	2.0:1 Max	1.99:1 (See Plot)		
6	Impedance:	50 Ohms	50 Ohms		
7	Input Power:	23dBm CW Max (Operating) 27dBm CW Max (Survival)	23dBm CW Max (Operating) 27dBm CW Max (Survival)		
8	Switching Speed:	50ns Max On - (50% TTL to 90% RF) Off - (50% TTL to 10% RF)	30ns (See Typical Characteristics)		
9	Switching Rate PRF:	5MHz	5MHz		
10	Video Leakage:	50mV Peak to Peak Max Measured at 300MHz BW	2mV (See Typical Characteristics)		
11	Control:	6 Line Independent TTL "0" - 1.6mA Max @ 0.4V (IL) "1" - 40uA Max @ 2.4V (Isol)	Pass		
12	DC Supply:	+5VDC @ 300mA Typ -12VDC @ 100mA Typ	122mA 33mA		PMI QA 1

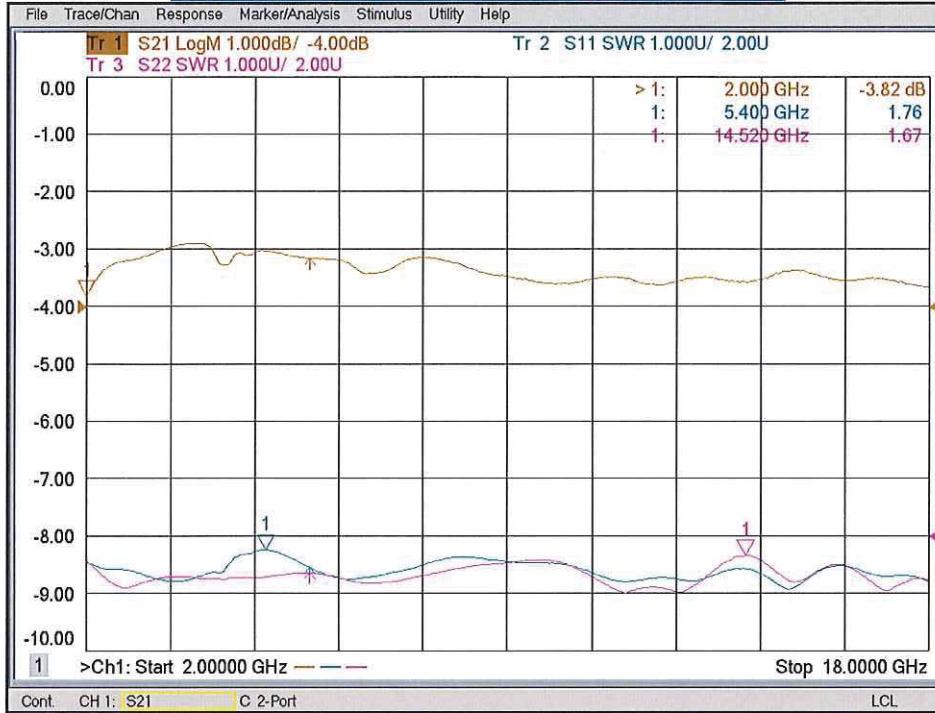
QA/QC Approval:  PMI  
QA 1 Date: 12/22/17



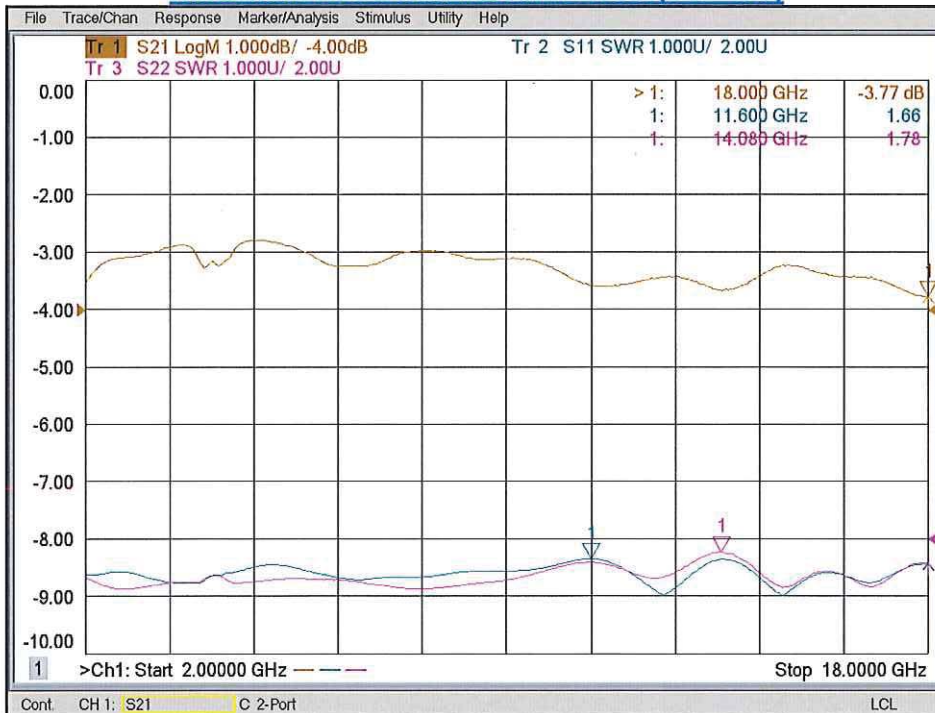
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**Insertion Loss and Return Loss (J1 – J2)**



**Insertion Loss and Return Loss (J1 – J3)**

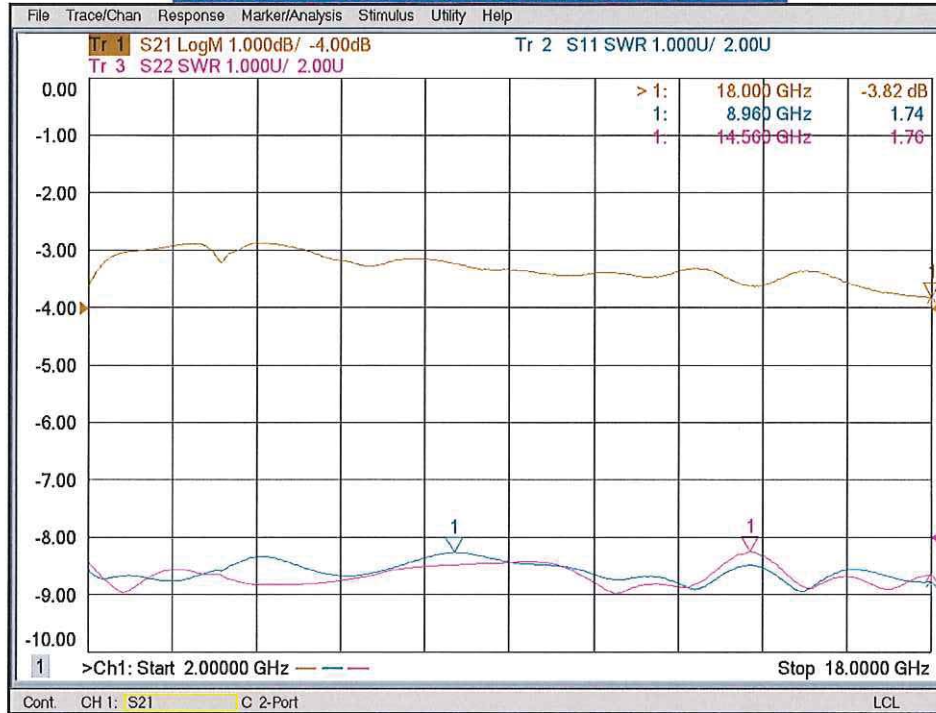




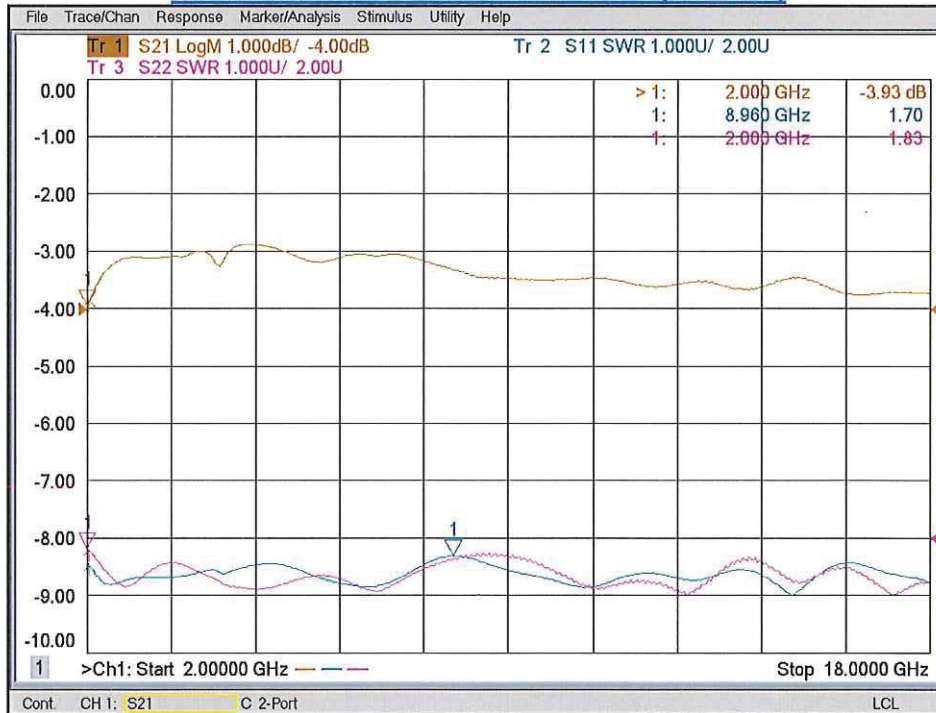
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**Insertion Loss and Return Loss (J1 – J4)**



**Insertion Loss and Return Loss (J1 – J5)**

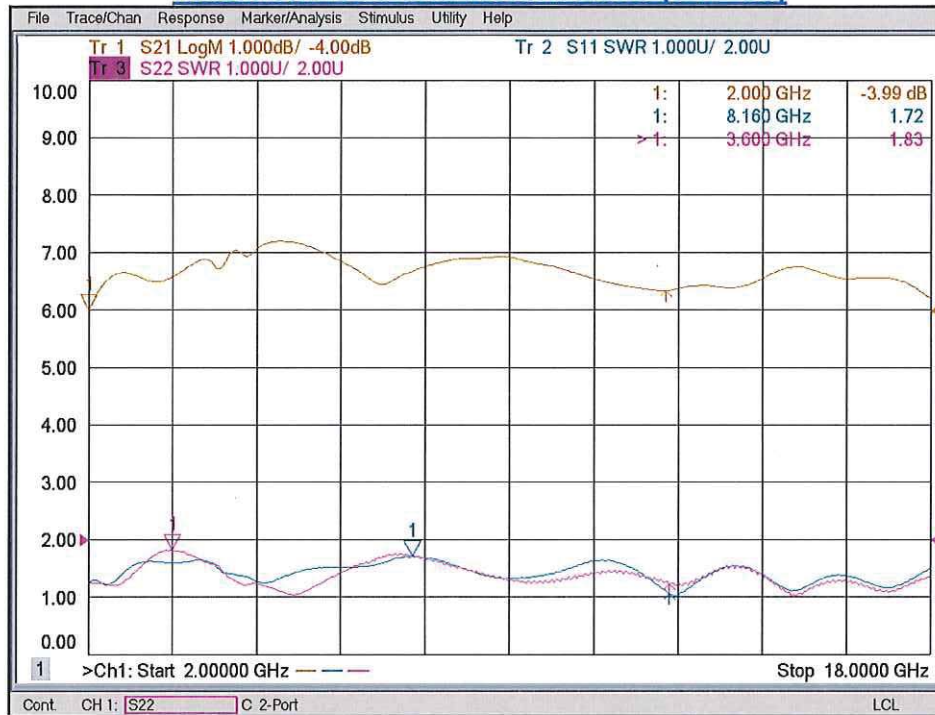




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**Insertion Loss and Return Loss (J1 – J6)**



**Insertion Loss and Return Loss (J1 – J7)**

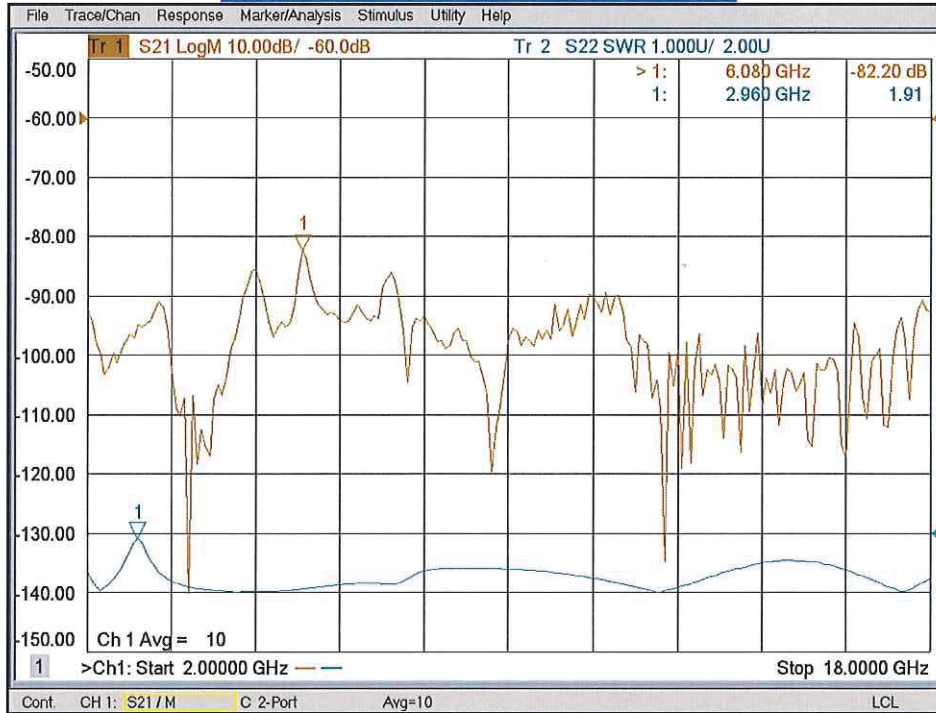




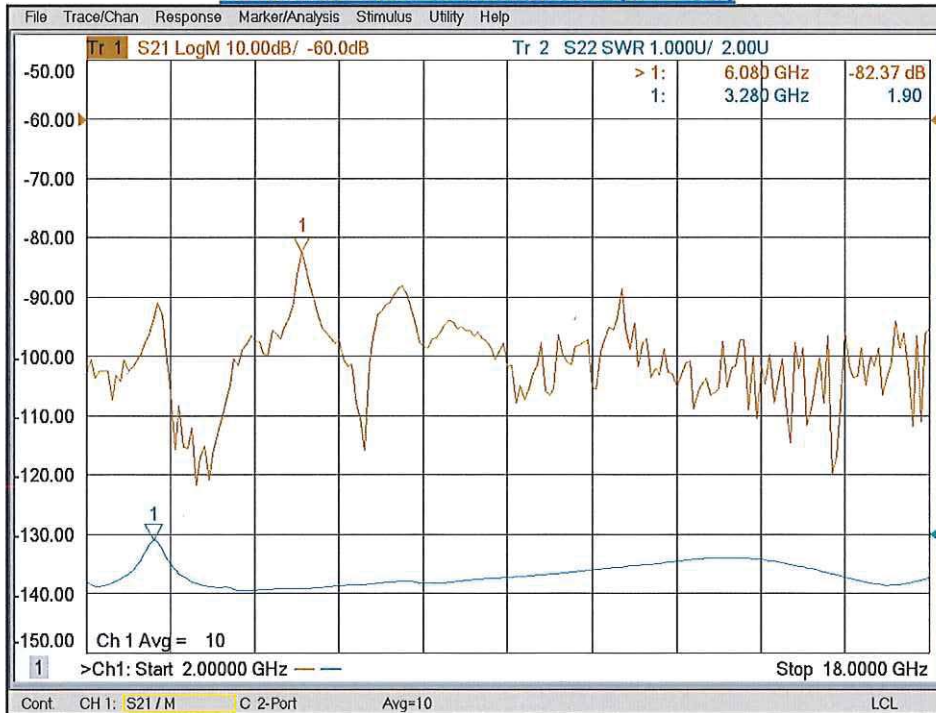
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**Isolation and Termination (J1 –J2)**



**Isolation and Termination (J1 –J3)**

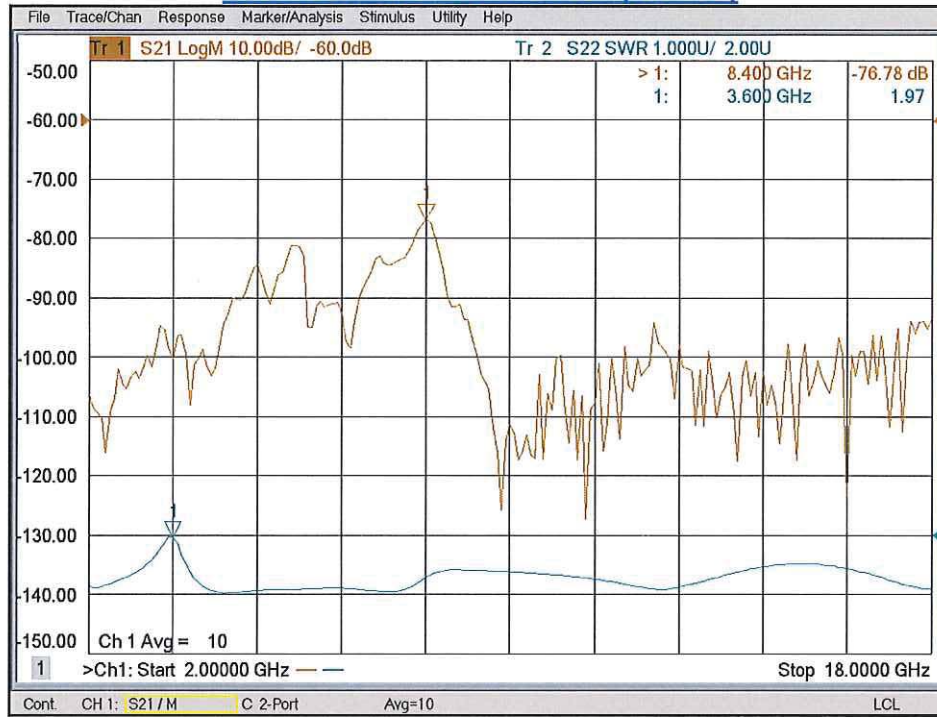




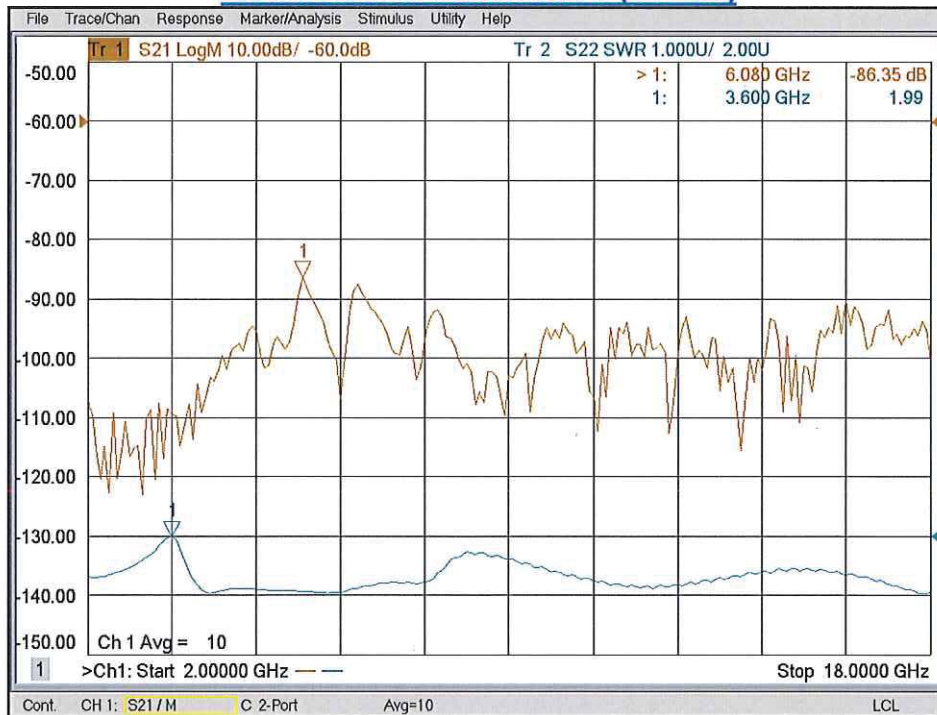
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**Isolation and Termination (J1 –J4)**



**Isolation and Termination (J1 –J5)**



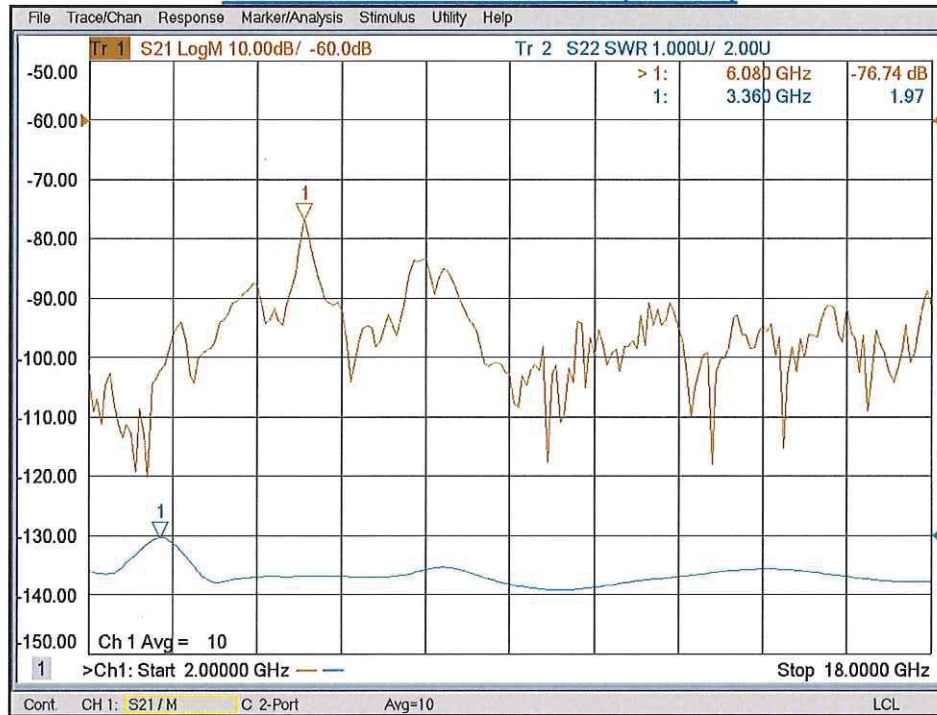
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**Isolation and Termination (J1 -J6)**



**Isolation and Termination (J1 -J7)**

