



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

PL33645/2134

Customer: _____ Tested By: L. McGraw
SO No: _____ Temperature: +25°C
Model No: P6T-2G18G-60-T-512-SFF-LV-SP Date: 08/24/21
Serial No: PL33645/2134 Drawing No: 27620059 Rev: A1

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 2	
2	Insertion Loss:	4.0dB Max	3.9dB (See Plot)		
3	Insertion Loss Tracking between all ports:	0.8dB Window Max	0.33dB (See Plot)		
4	Isolation:	60dB Min	75dB (See Plot)		
5	VSWR:	2.0:1 Max	1.9:1 (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	121mA 33mA		PMI QA 2

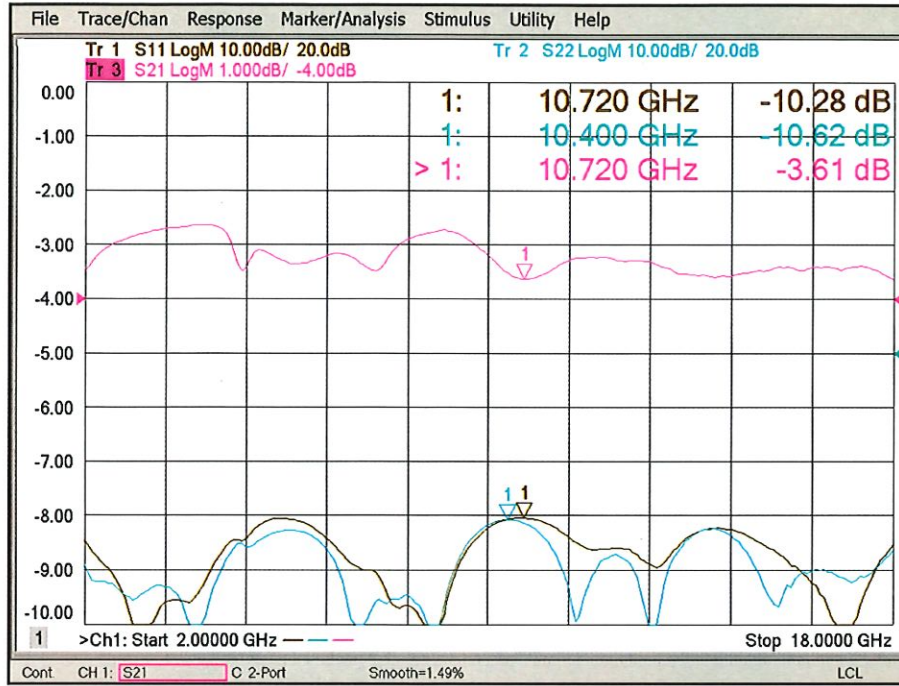
QA/QC Approval:  PMI QA 2 Date: 8/24/2021



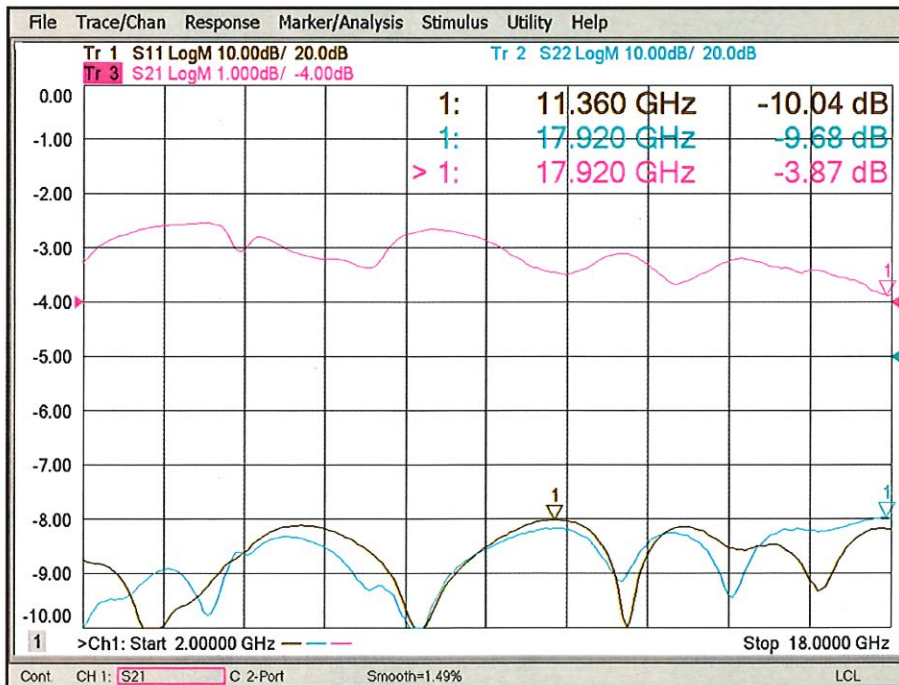
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Insertion Loss and Return Loss (J1 – J2)



Insertion Loss and Return Loss (J1 – J3)

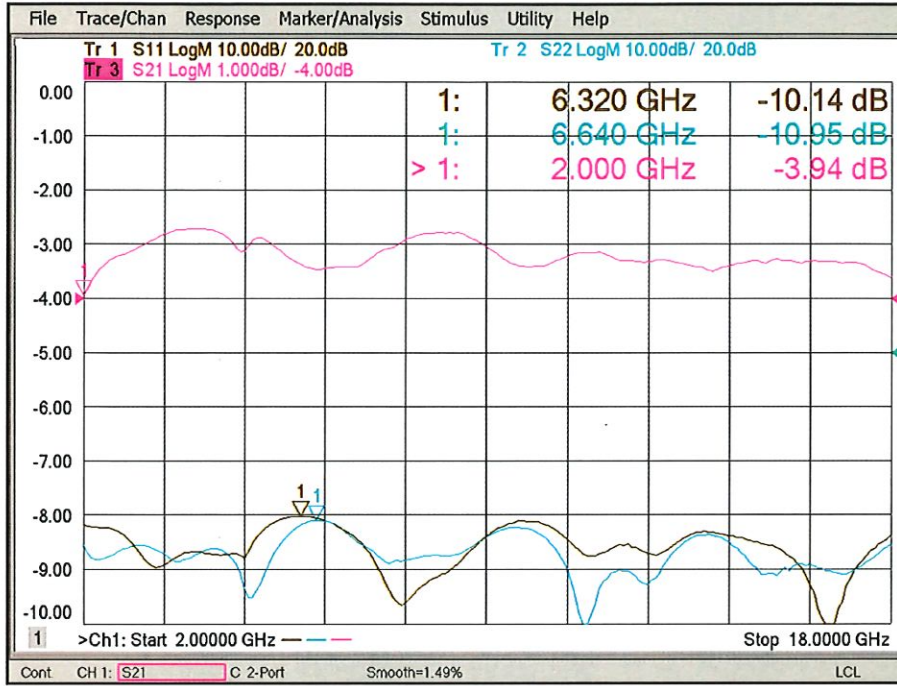




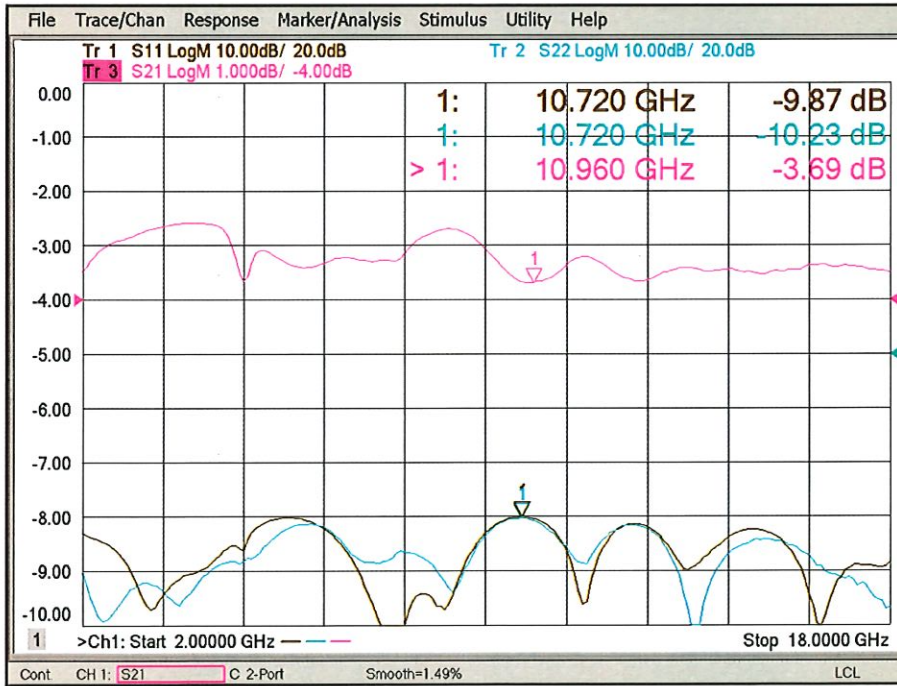
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Insertion Loss and Return Loss (J1 – J4)



Insertion Loss and Return Loss (J1 – J5)

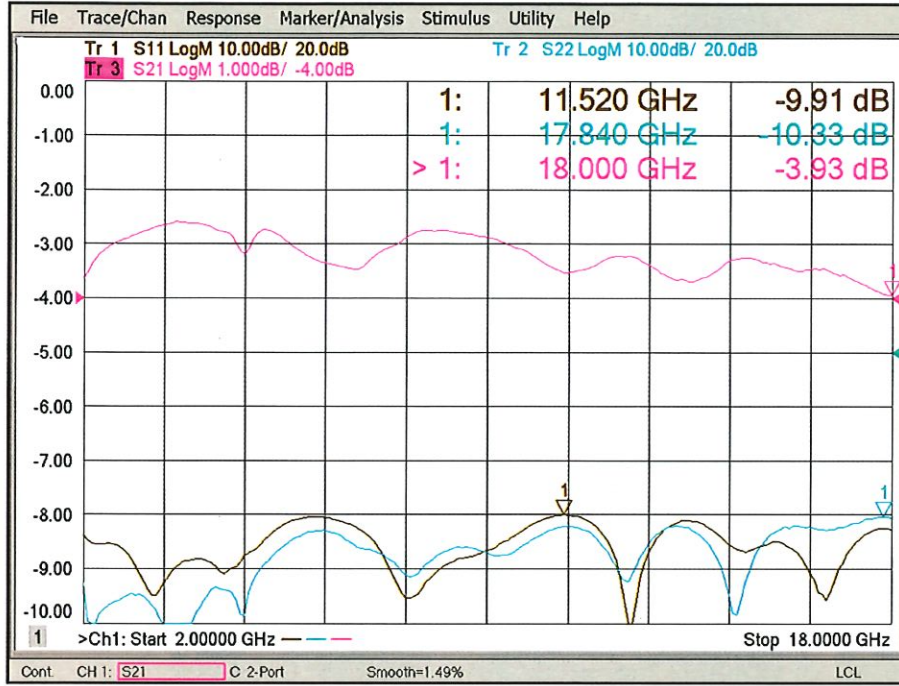




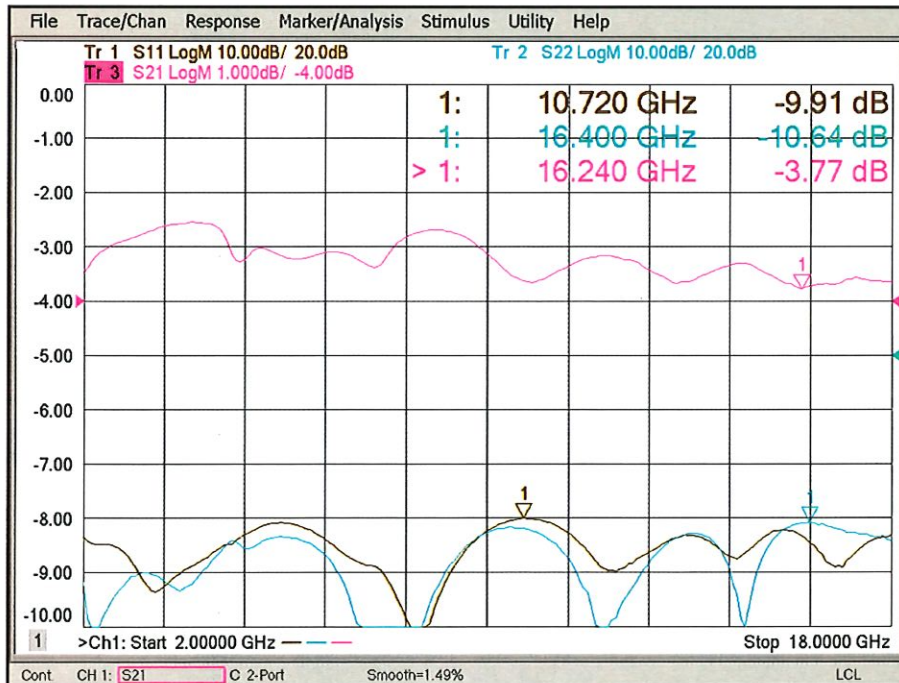
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Insertion Loss and Return Loss (J1 – J6)



Insertion Loss and Return Loss (J1 – J7)

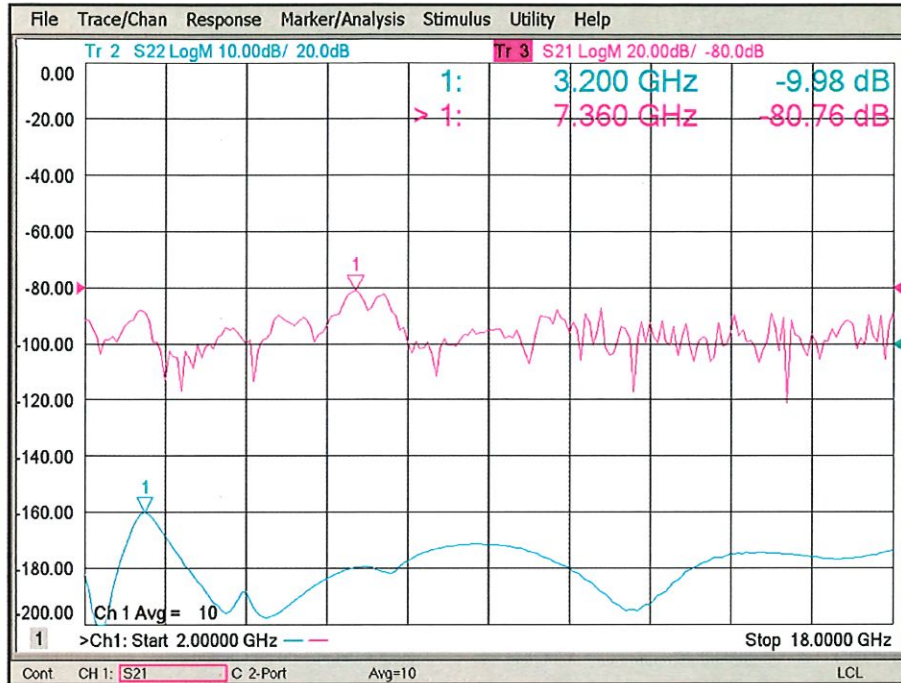




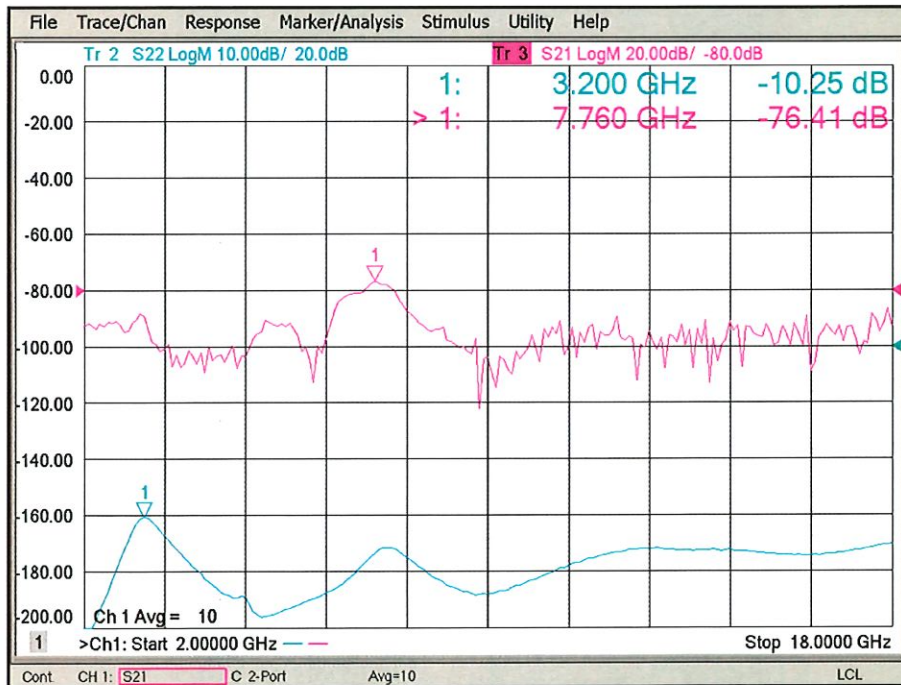
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Isolation and Termination (J1 –J2)



Isolation and Termination (J1 –J3)

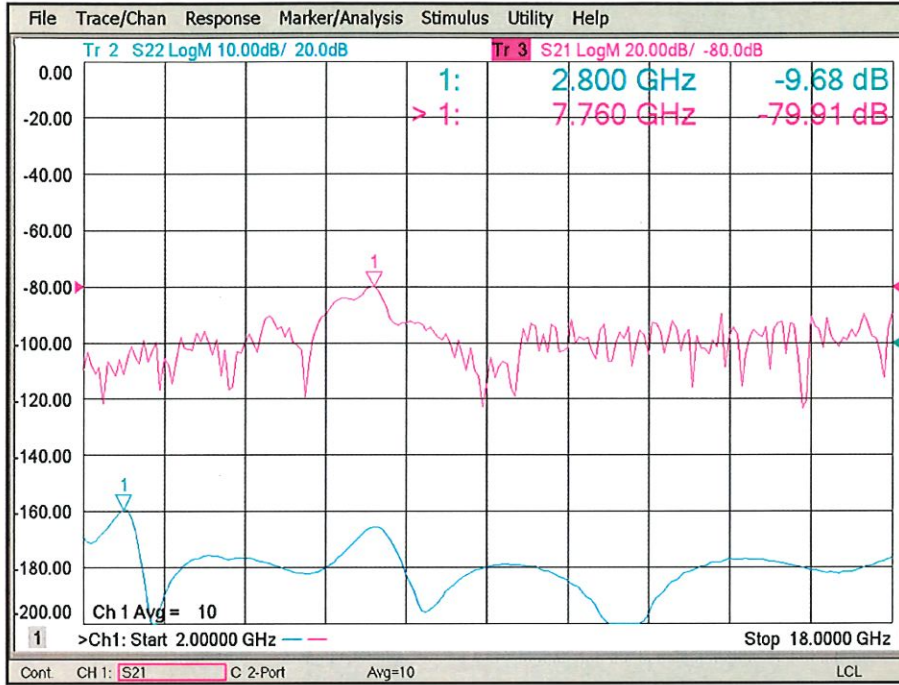




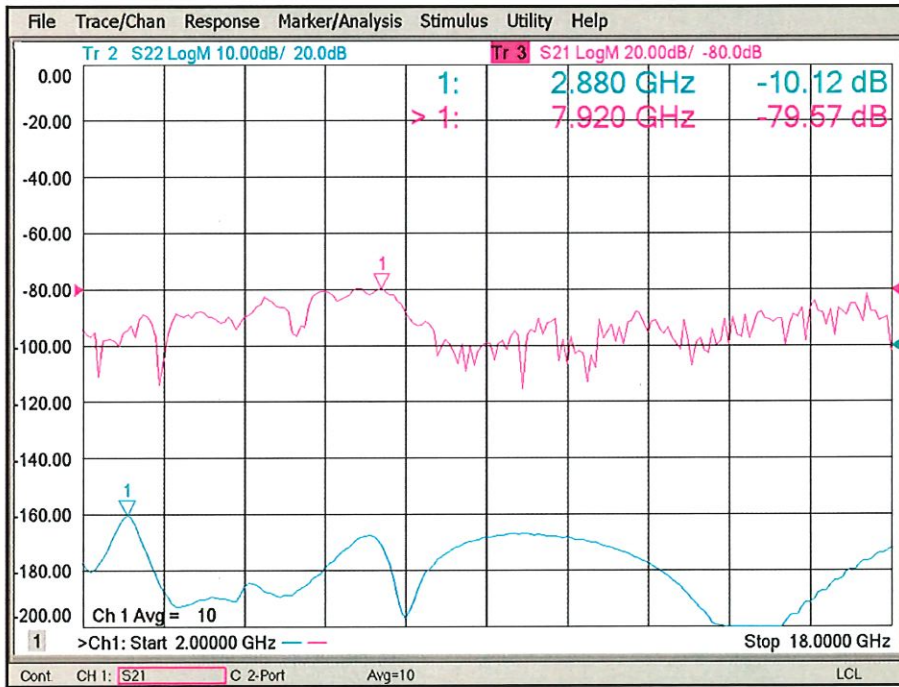
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Isolation and Termination (J1 –J4)



Isolation and Termination (J1 –J5)

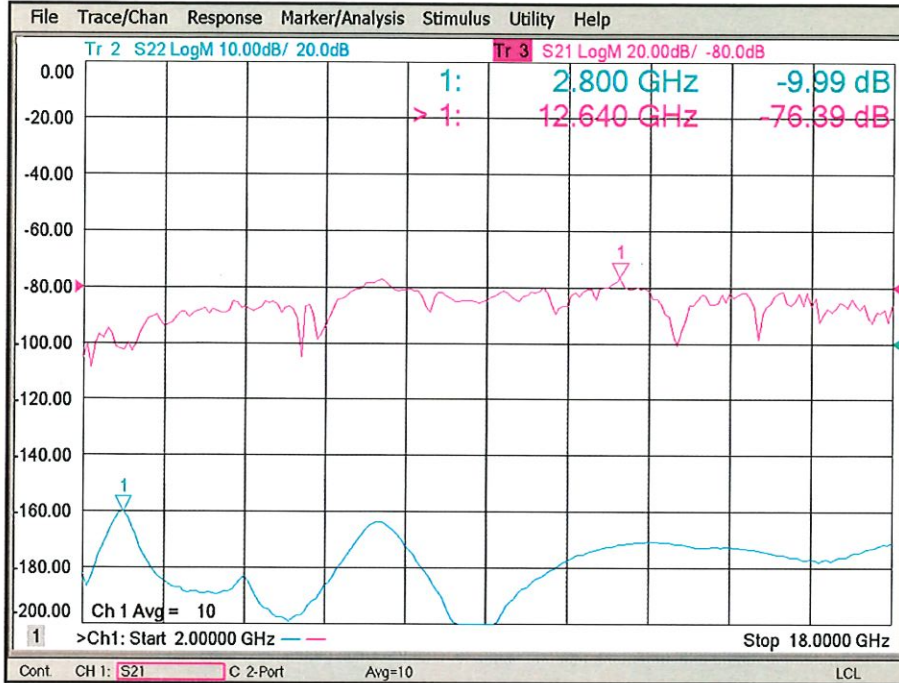




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Isolation and Termination (J1 –J6)



Isolation and Termination (J1 –J7)

