



**SUMMARY TEST DATA
ON
P8T-500M18G-60-T-SFF-NSI**

S/N: PL32910/2128

Customer: _____ Tested By: L. McGraw
SO No: _____ Temperature: +25°C
Model No: P8T-500M18G-60-T-SFF-NSI Date: 07/13/21
Serial No: PL32910/2128 Drawing No: 27640320 Rev: A1

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	500MHz to 18.0 GHz	500MHz to 18.0 GHz	PMI QA 2
2	Insertion Loss	0.5-6 GHz – 2.5 dB Max. 6-12 GHz – 3.5 Max 12-18 GHz – 4.5 Max.	2.1dB 2.8dB 3.7dB (See Plot)	PMI QA 2
3	Isolation	60 dB Min.	75.4 dB (See Plot)	
4	VSWR: In/Out	2.0:1 Max.	1.9:1 (See Plot)	
5	Switching Speed	100ns Max	Pass See Typical Characteristics	
6	Impedance	50Ω	Pass	
7	Power Supply	+5 VDC @ 300 mA Typ -5 VDC @ 100 mA Typ	70mA 20mA	
8	Control Signal	TTL: 0 = Isolation 1 = Low Loss	Pass	

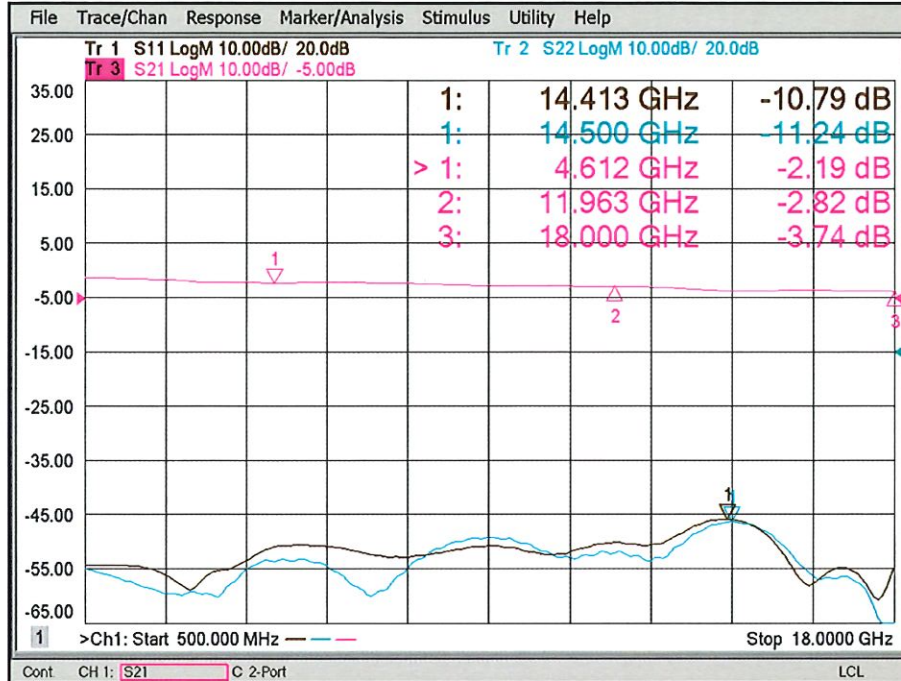
QA/QC Approval:  _____ PMI QA 2 Date: 7/14/2021



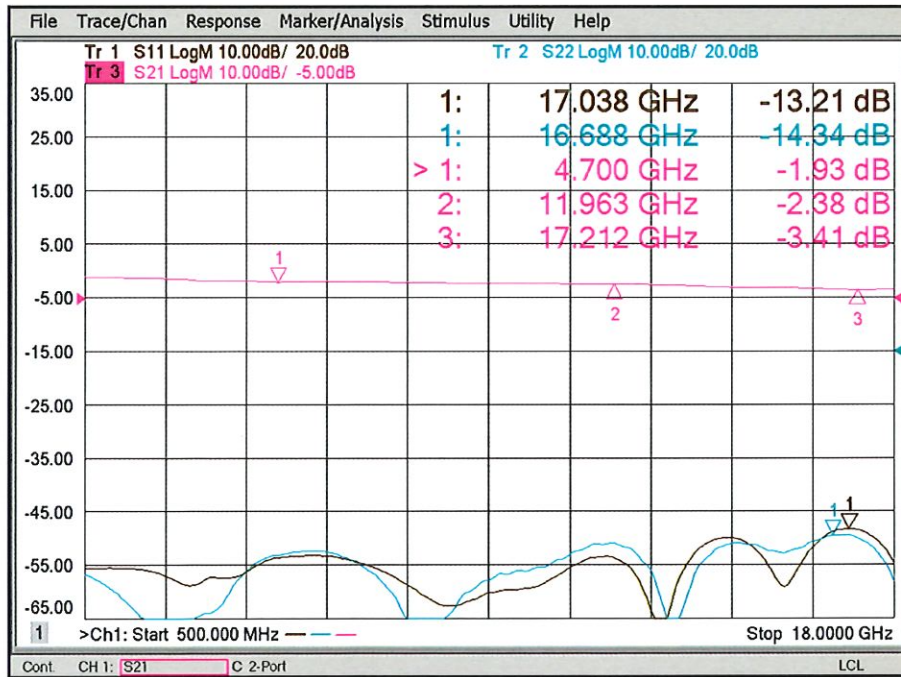
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(J1 – J2) Insertion Loss and Return Loss



(J1 – J3) Insertion Loss and Return Loss

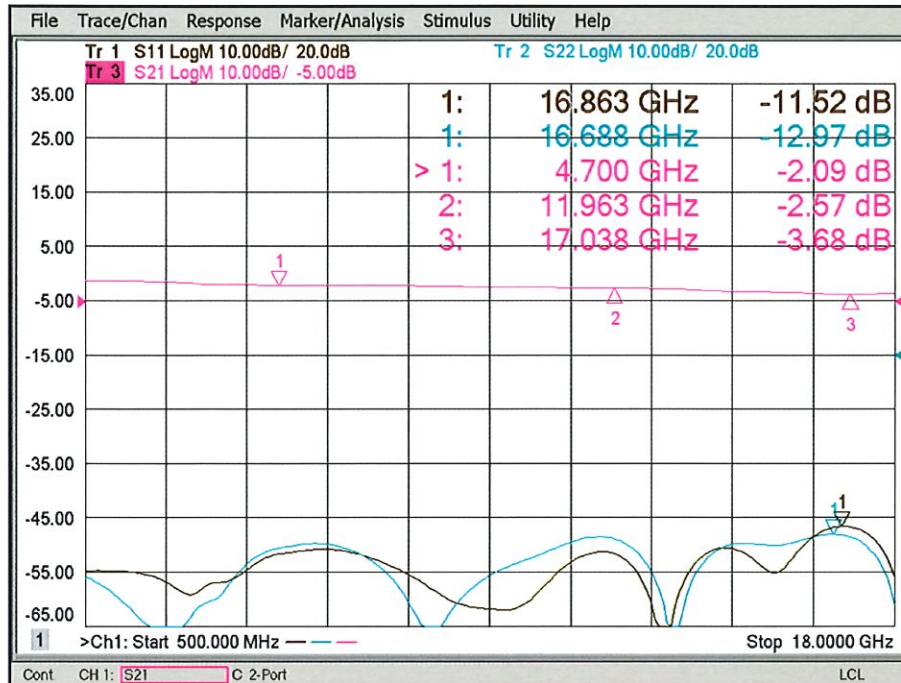




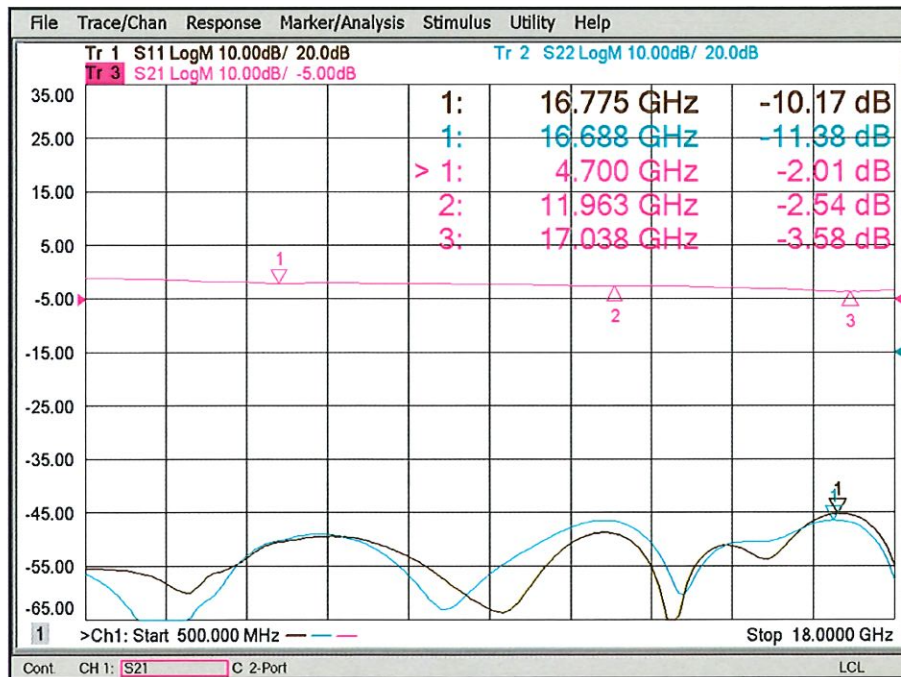
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(J1 – J4) Insertion Loss and Return Loss



(J1 – J5) Insertion Loss and Return Loss

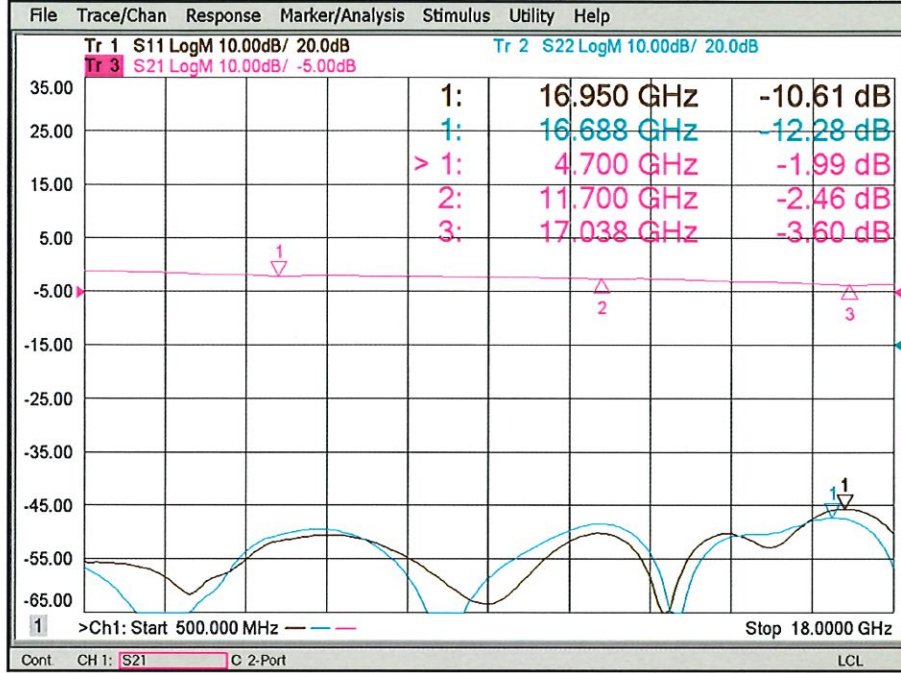




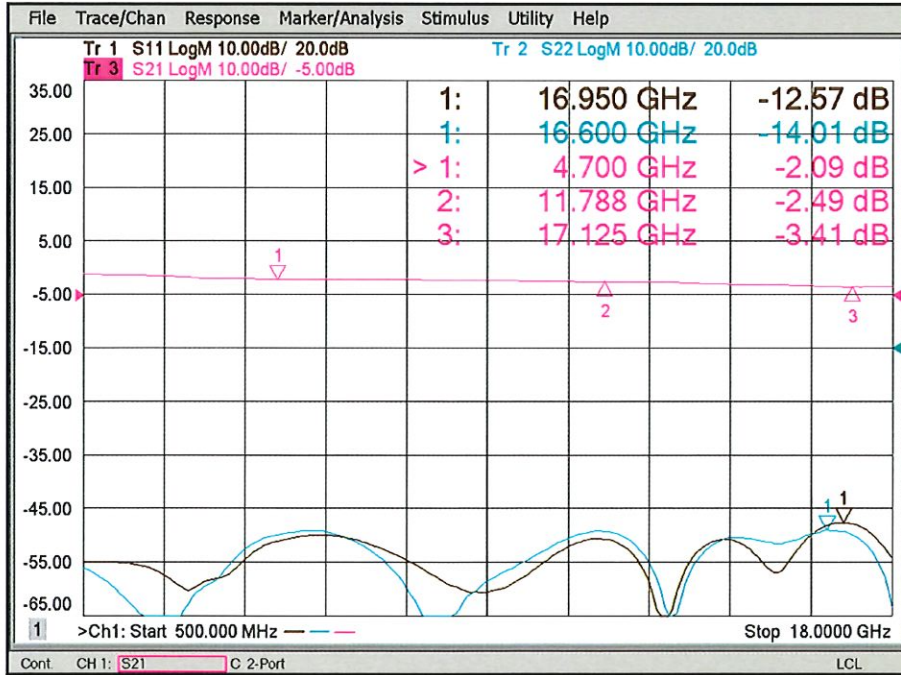
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(J1 – J6) Insertion Loss and Return Loss



(J1 – J7) Insertion Loss and Return Loss

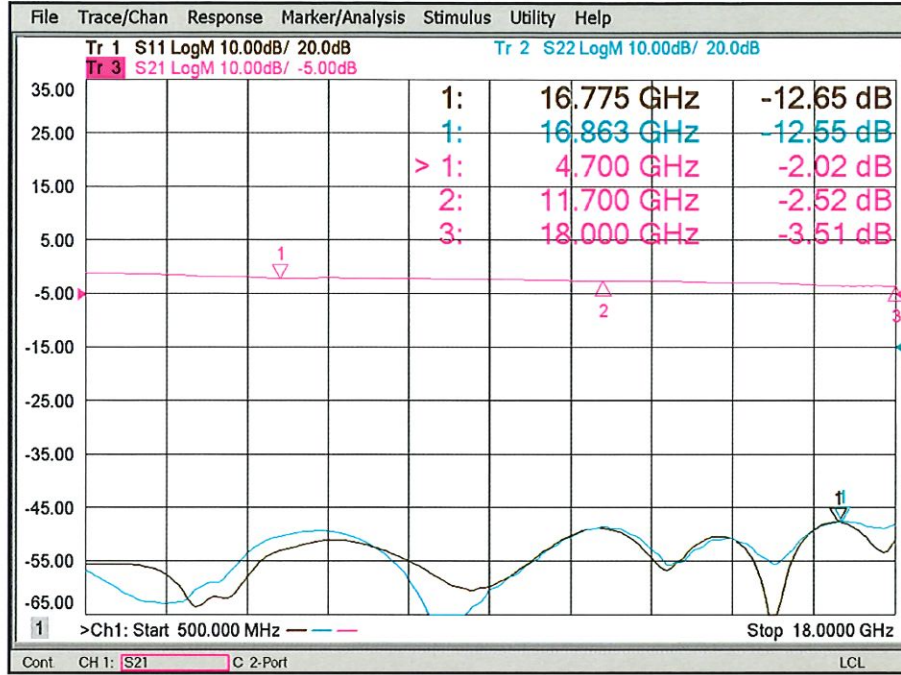




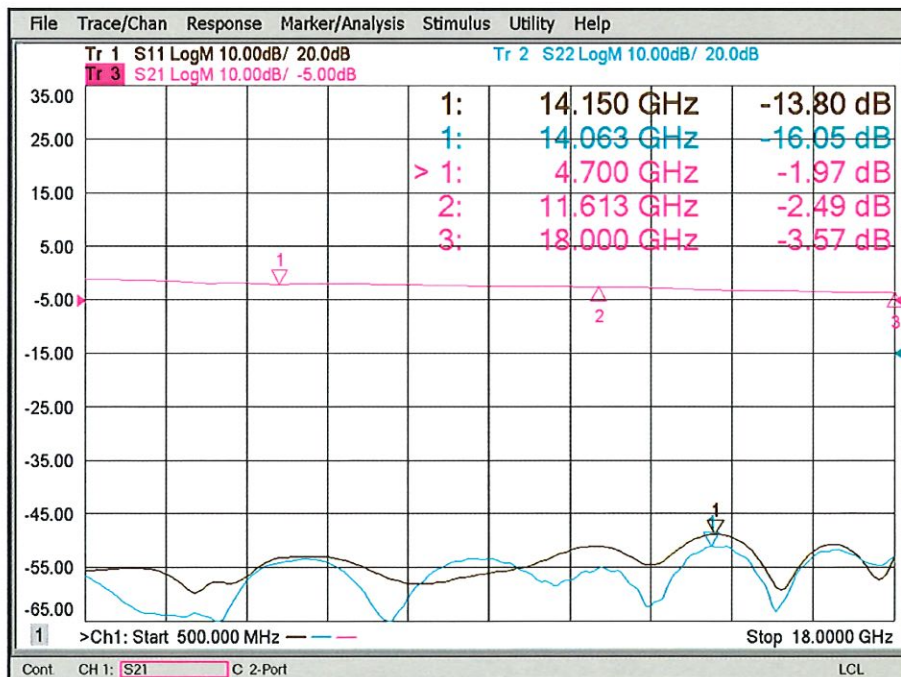
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(J1 – J8) Insertion Loss and Return Loss



(J1 – J9) Insertion Loss and Return Loss

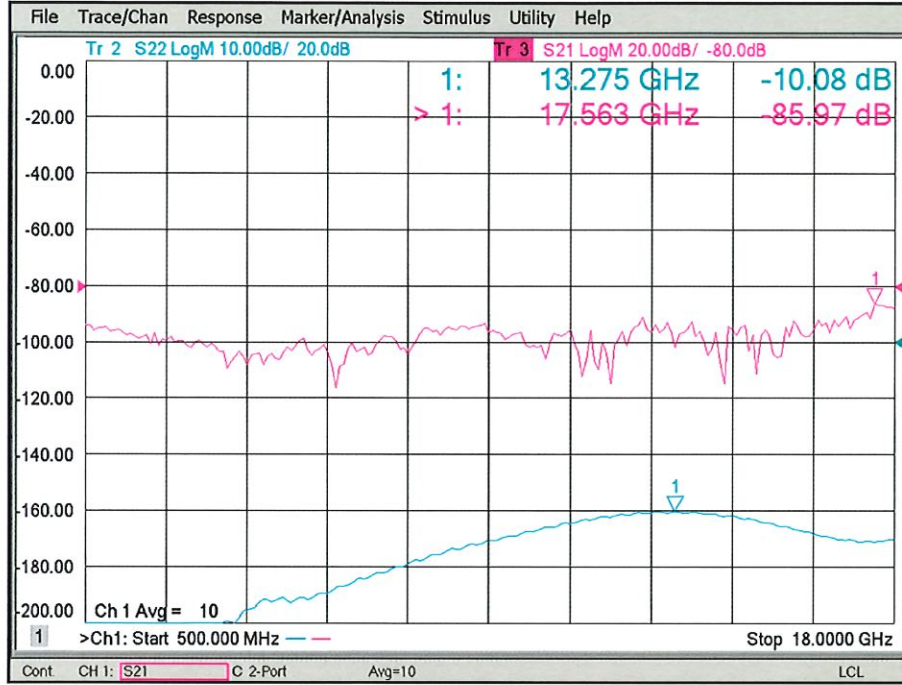




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(J1 – J2) Isolation and Termination Return Loss



(J1 – J3) Isolation and Termination Return Loss

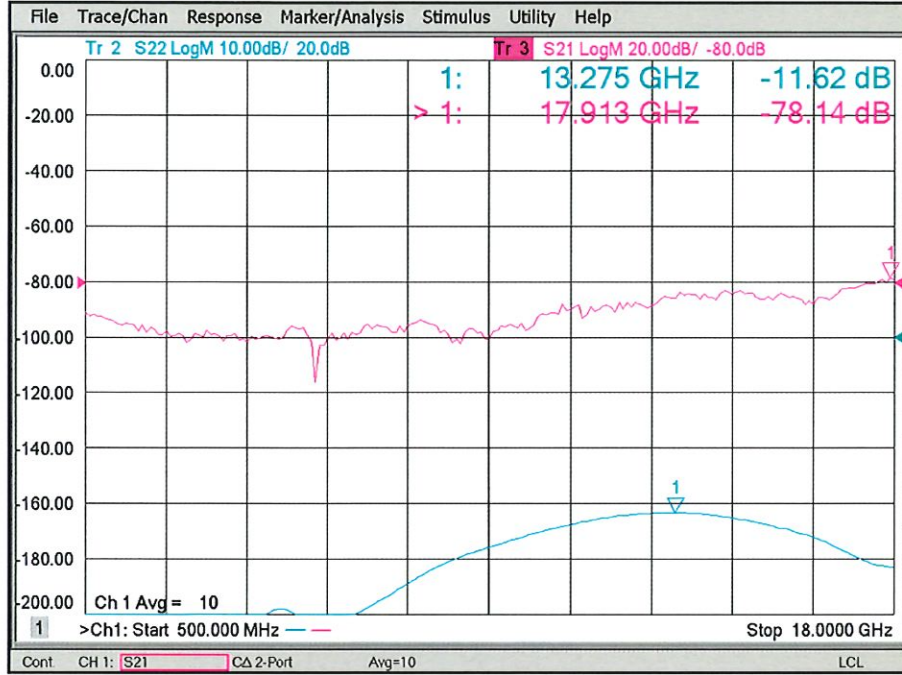




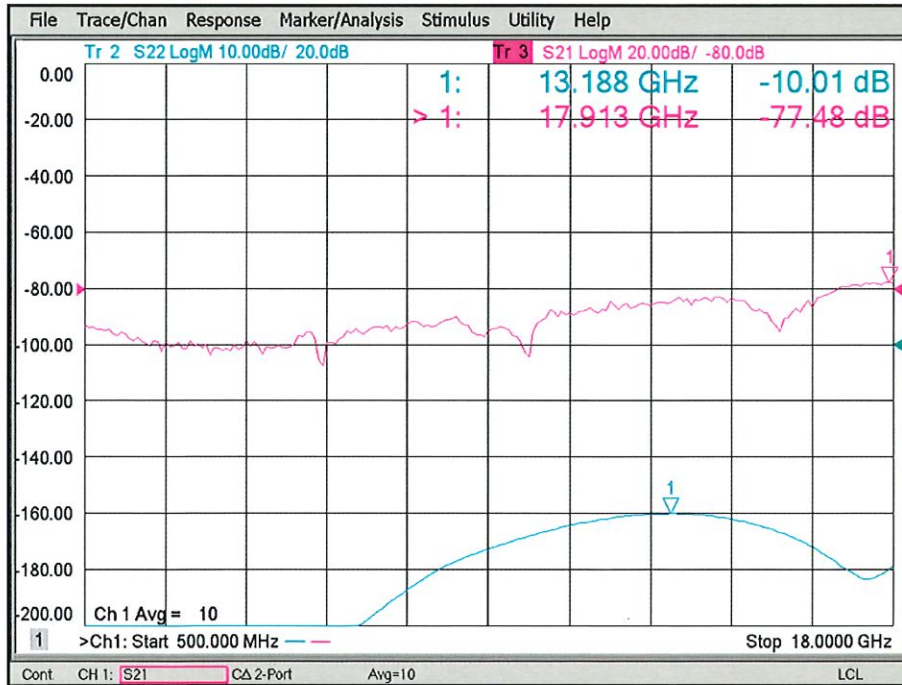
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(J1 – J4) Isolation and Termination Return Loss



(J1 – J5) Isolation and Termination Return Loss

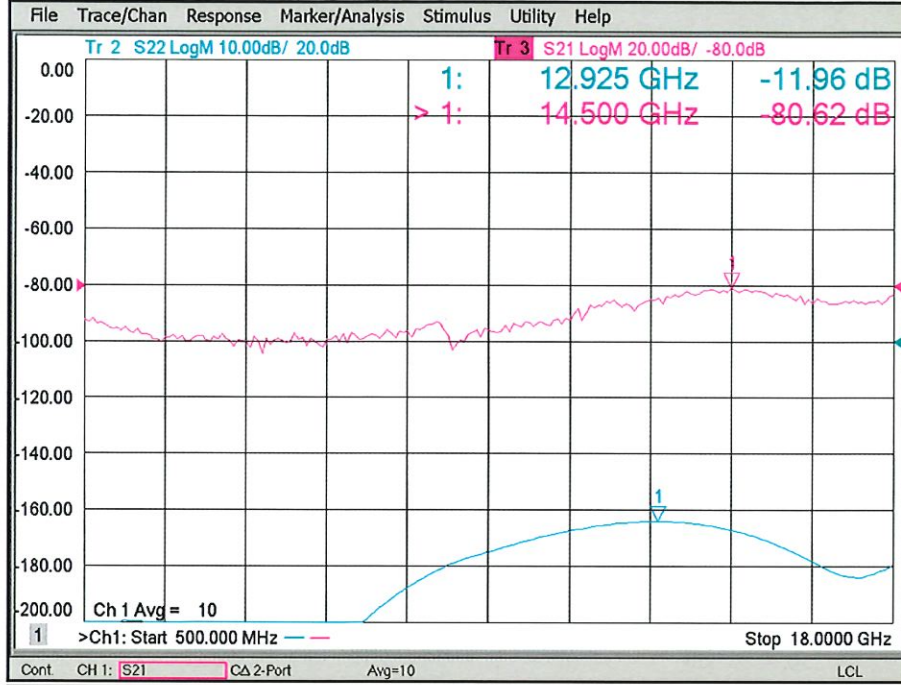




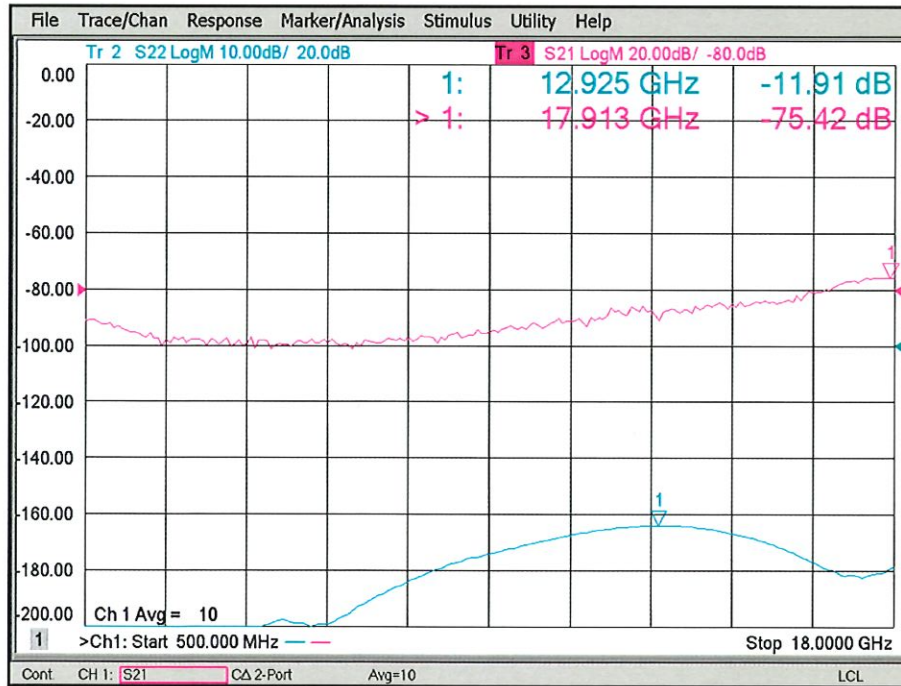
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(J1 – J6) Isolation and Termination Return Loss



(J1 – J7) Isolation and Termination Return Loss

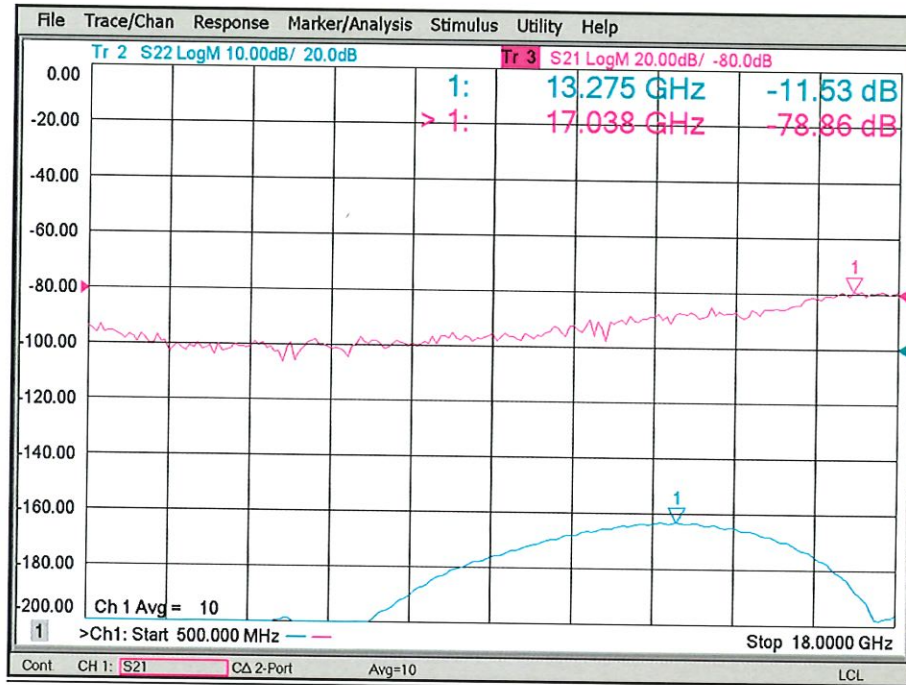




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(J1 – J8) Isolation and Termination Return Loss



(J1 – J9) Isolation and Termination Return Loss

