



**SUMMARY TEST DATA
ON
P8T-0R120G-110-T-512-SFF**

PL31645/2108

Customer: _____ Tested By: M. Hanken
Job No: _____ Temperature: +25°C
Model No: P8T-0R120G-110-T-512-SFF Date: 03/30/2021
Serial No: PL31645/2108

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	0.1 GHz – 20.0 GHz	Pass 0.1 GHz – 20.0 GHz	PMI QA 2
2	Insertion Loss:	6.0dB Max	5.61 dB See Plots	
3	Isolation:	110dB Min	110 dB See Typical Plot	
4	VSWR: In/Out/On	2.0:1 Max.	1.94:1 See Plots	
5	VSWR: Out/Off	2.0:1 Max.	1.91:1 See Plots	
6	Switching Speed:	500 nsec Max 300 nsec Typ (10% - 90% RF)	See Typical Characteristics	
7	DC Supply:	+5VDC @ 500mA Max -12VDC @ 100mA Max	422mA 69mA	
8	RF Phase Tracking	0.2 Degrees Per Degree C All Ports With Respect To Common With Temperature	Pass	PMI QA 2

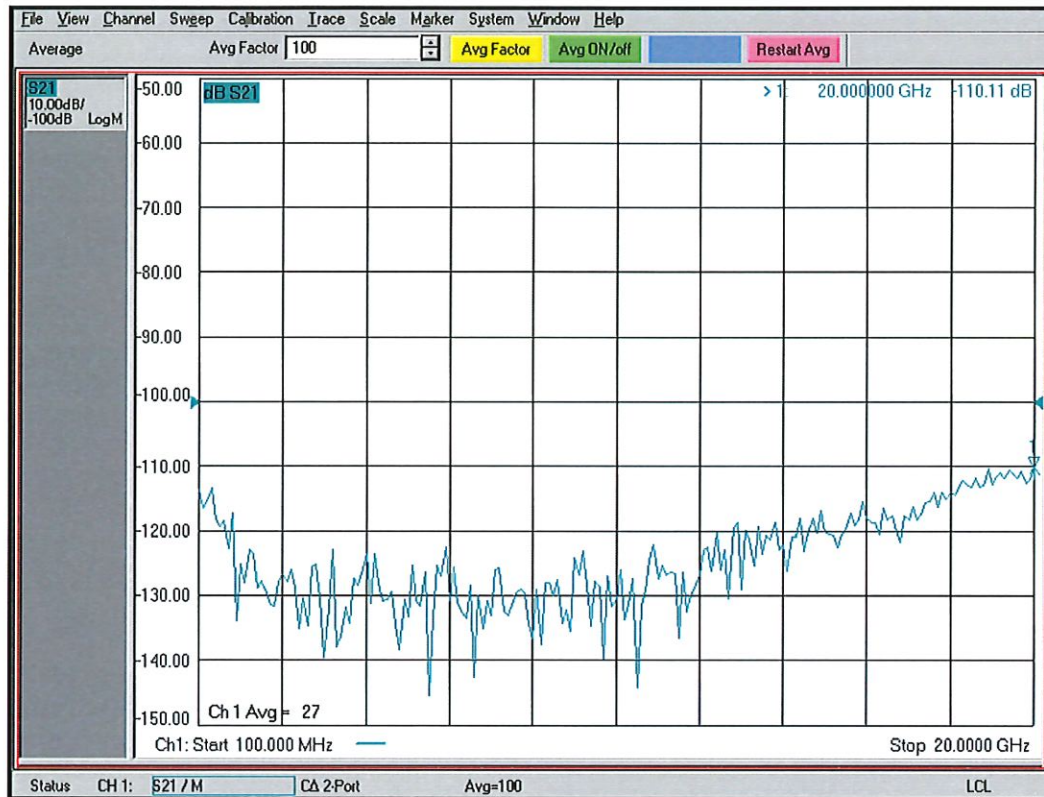
QA/QC Approval:  PMI QA 2 Date: 3/31/21



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Typical Isolation

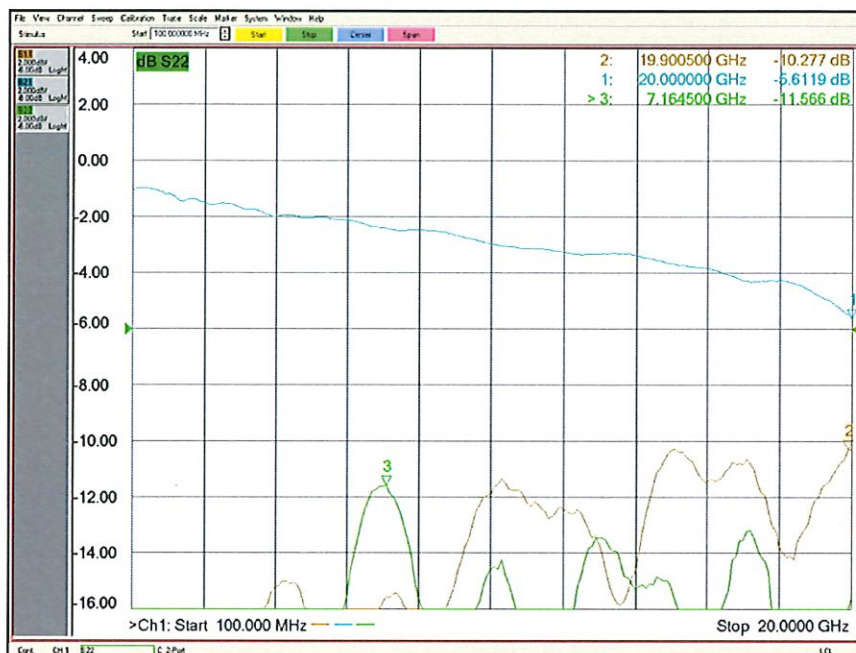




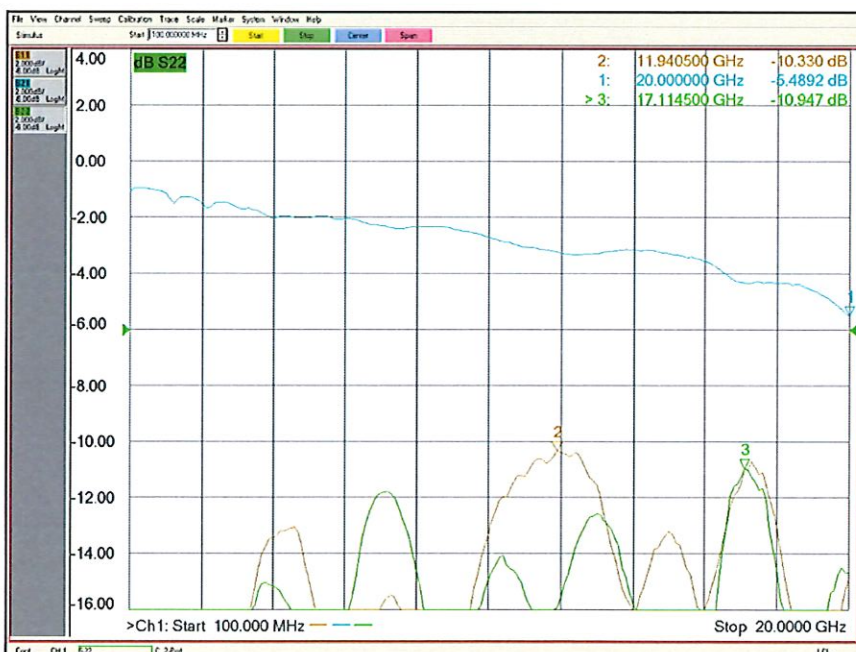
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(J1-J2) Insertion Loss and Return Loss



(J1-J3) Insertion Loss and Return Loss

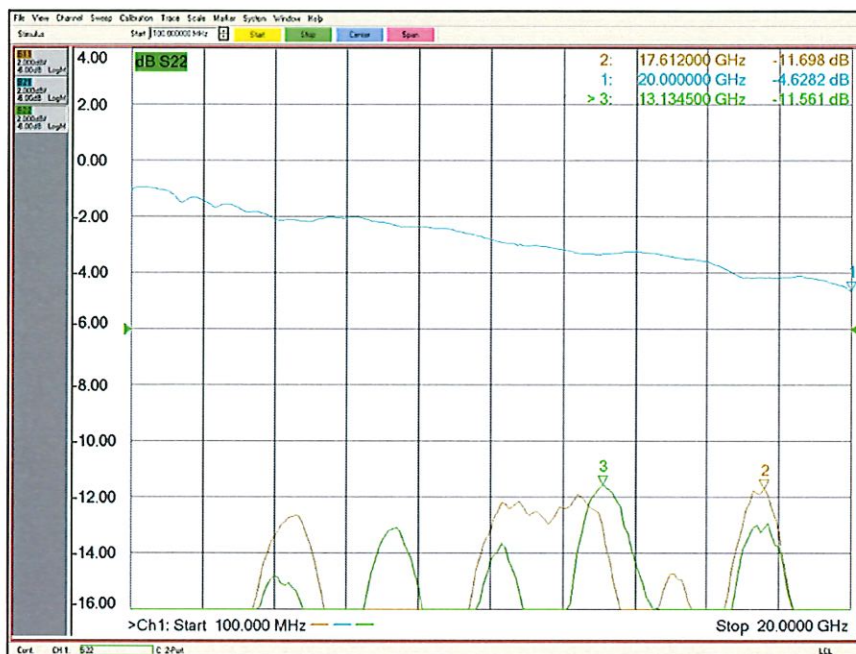




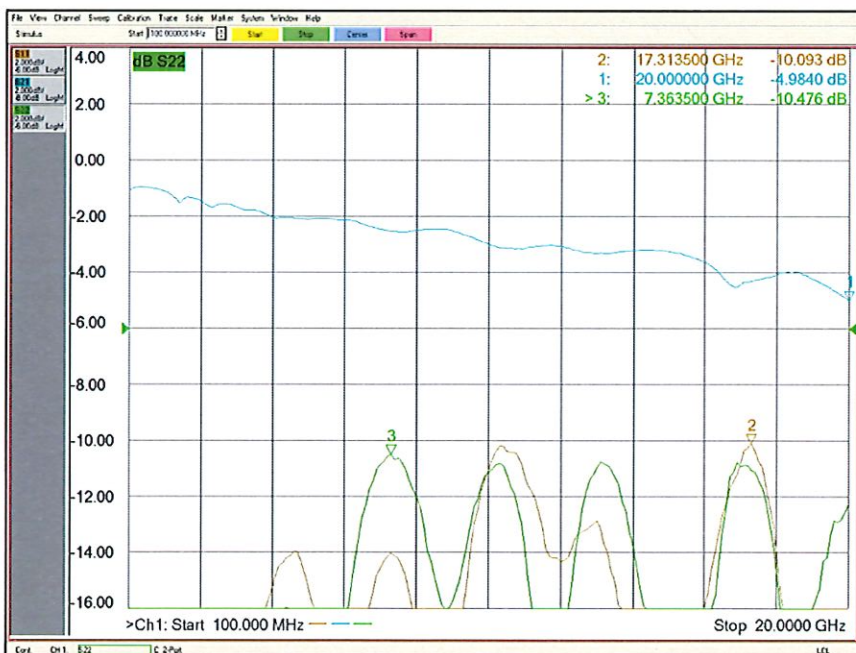
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(J1-J4) Insertion Loss and Return Loss



(J1-J5) Insertion Loss and Return Loss

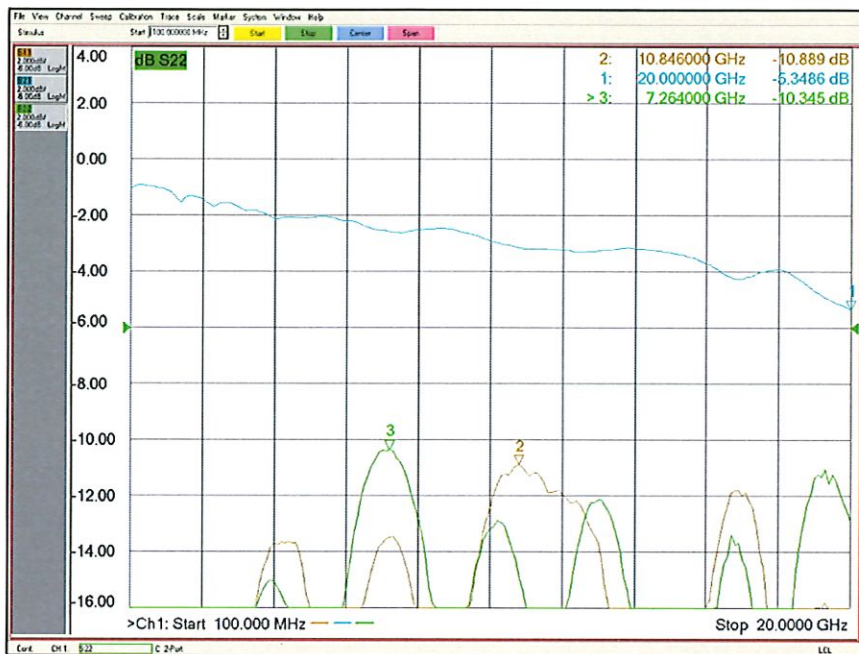




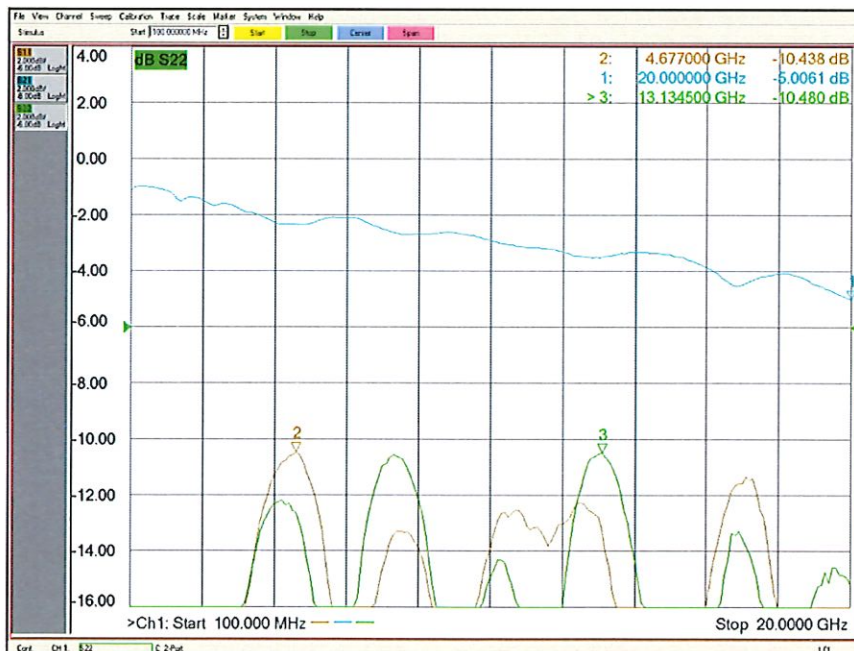
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(J1-J6) Insertion Loss and Return Loss



(J1-J7) Insertion Loss and Return Loss

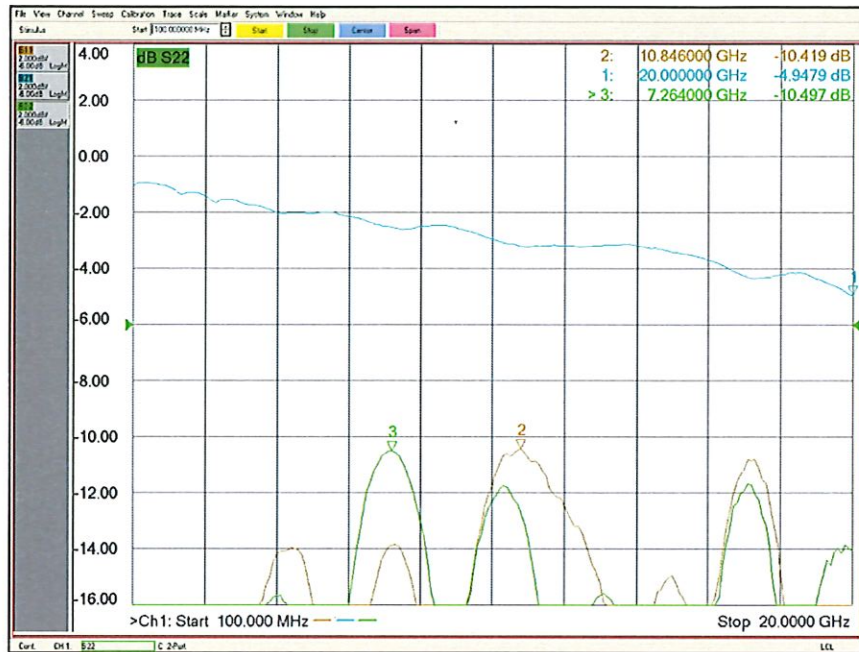




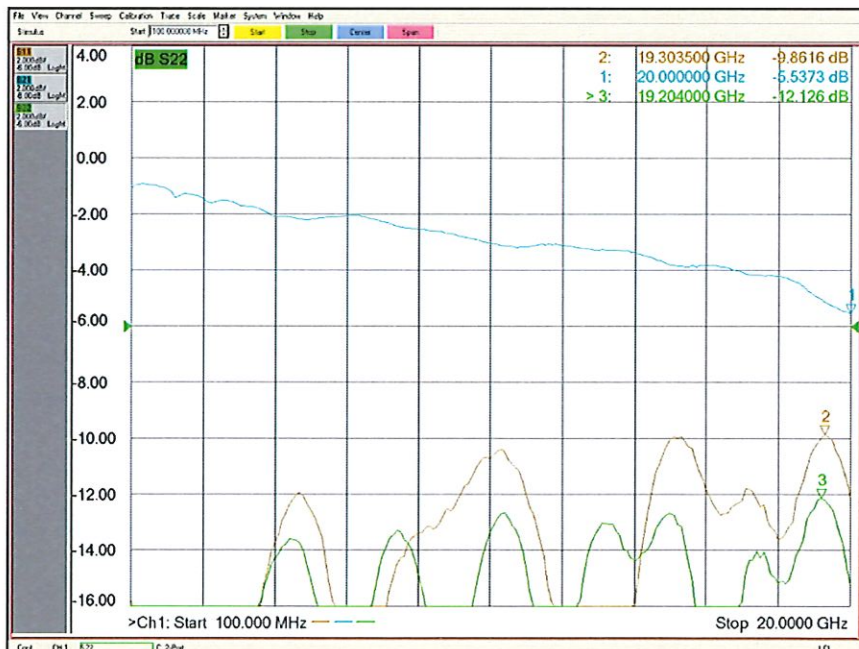
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(J1-J8) Insertion Loss and Return Loss



(J1-J9) Insertion Loss and Return Loss

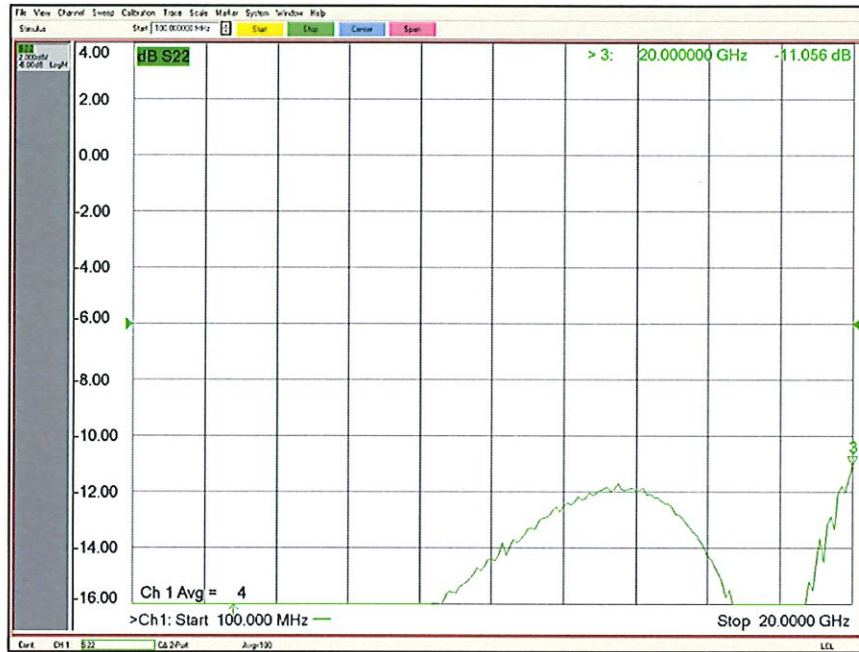




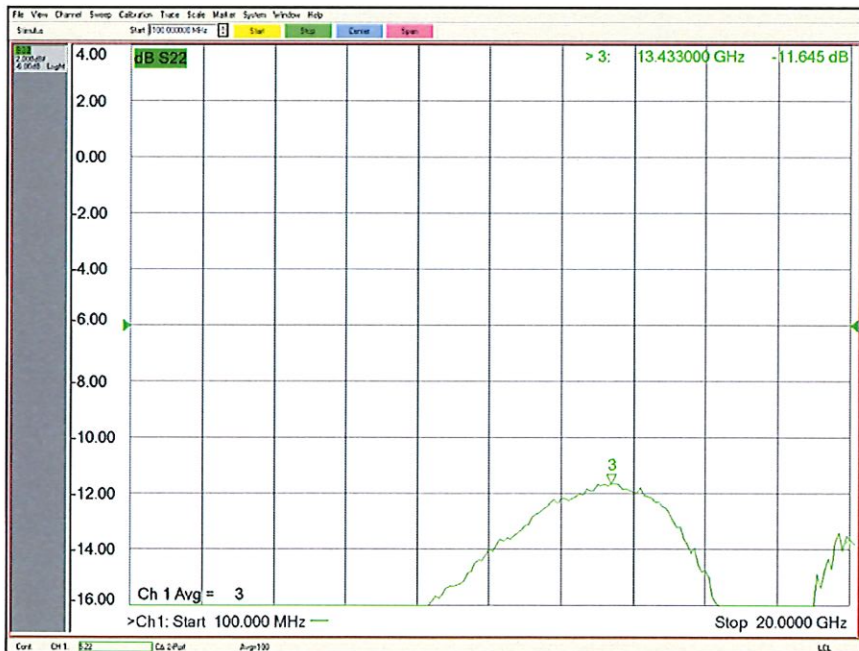
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(J1 – J2) Termination Return Loss



(J1 – J3) Termination Return Loss

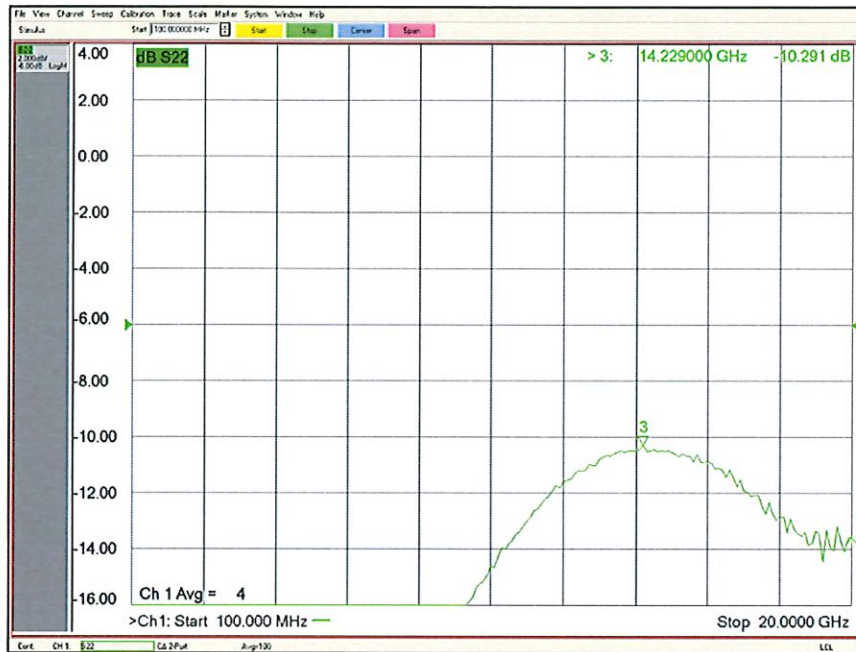




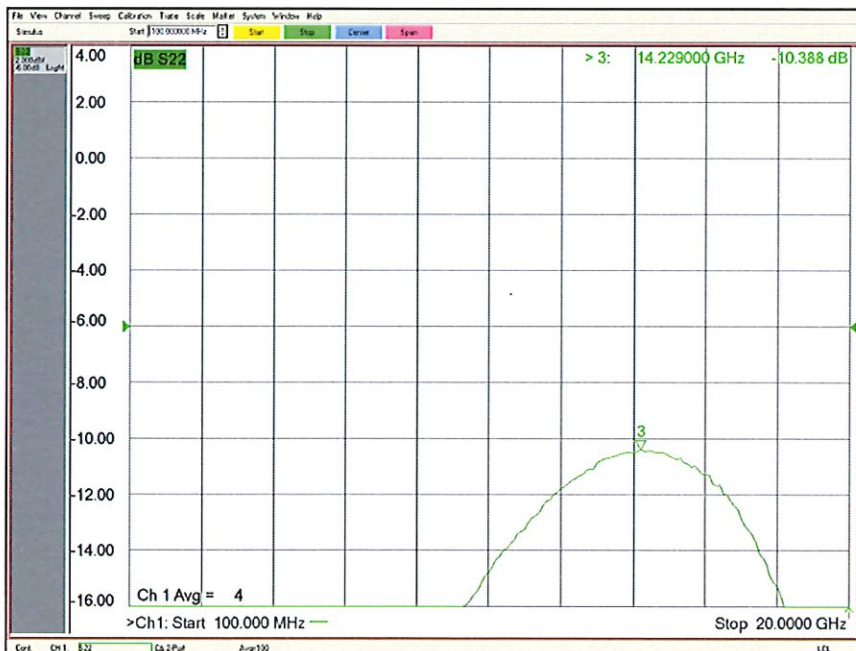
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(J1 – J4) Termination Return Loss



(J1 – J5) Termination Return Loss

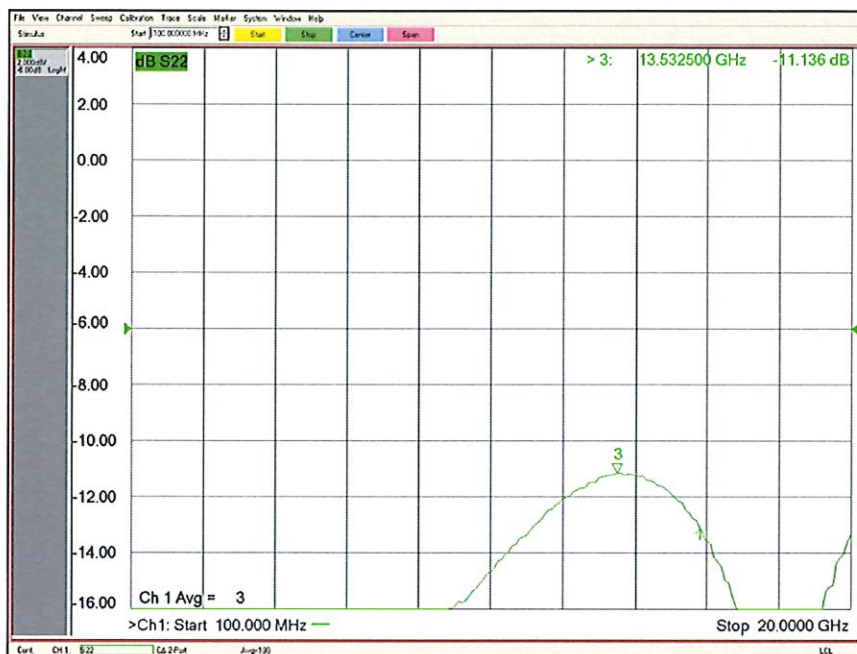




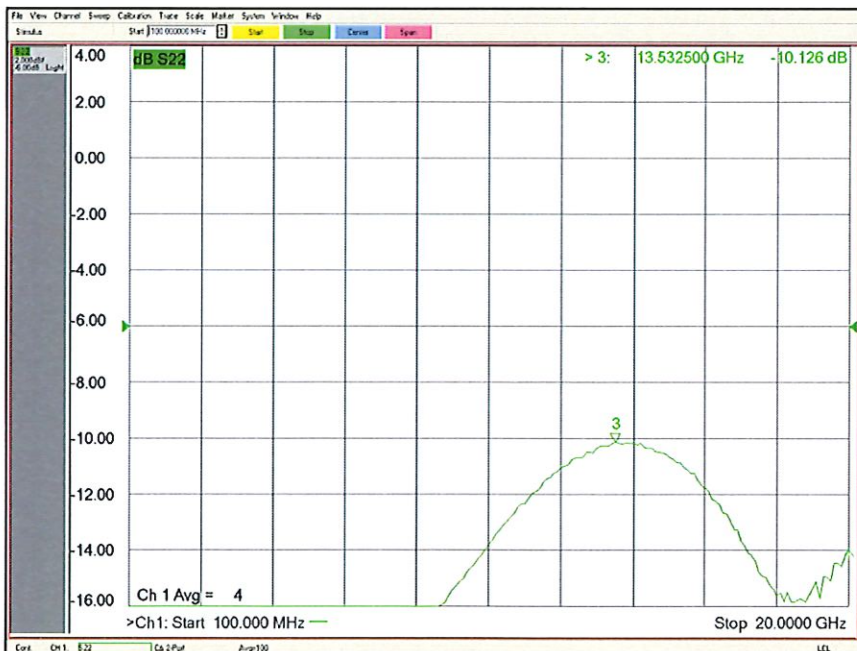
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(J1 – J6) Termination Return Loss



(J1 – J7) Termination Return Loss

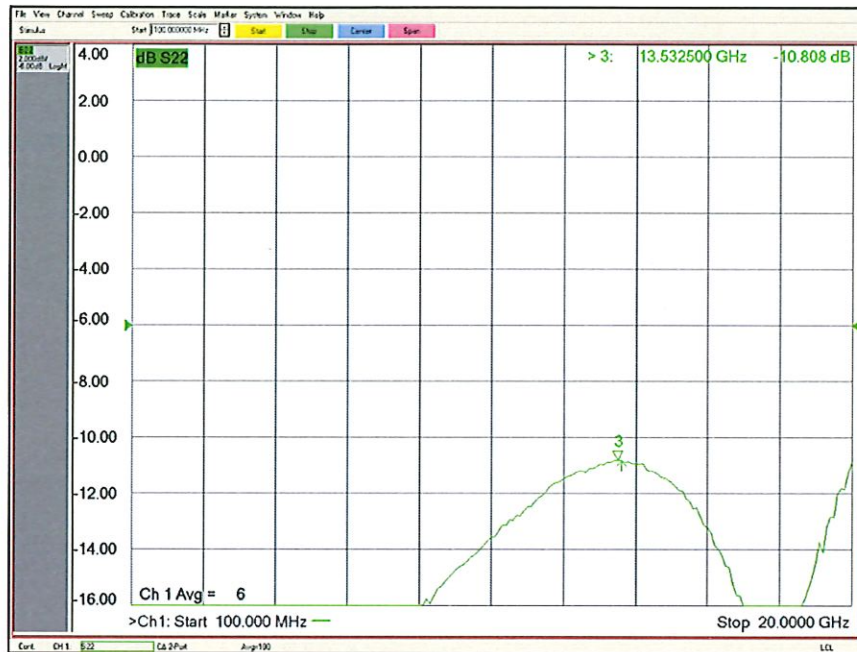




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(J1 – J8) Termination Return Loss



(J1 – J9) Termination Return Loss

