



**SUMMARY TEST DATA  
ON  
P8T-0R5G18G-70-T-SFF**

PL21684/1739

Customer: _____	Tested By: <u>Jerry N.</u>
SO No: _____	Temperature: <u>+25°C</u>
Model No: <u>P8T-0R5G18G-70-T-SFF</u>	Date: <u>10/02/17</u>
Serial No: <u>PL21684/1739</u>	Drawing No: <u>27614421</u> Rev: <u>A1</u>

TEST ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA/QC																																													
1	Frequency Range	0.5 GHz to 18.0 GHz	0.5 GHz to 18.0 GHz	PMI QA 2																																													
2	Insertion Loss	4.5 dB Maximum	4.08 dB (See Plot)																																														
3	Isolation	0.5 GHz TO 2 GHz: 60 dB Min 2 GHz TO 18 GHz: 70 dB Min	82.66 dB (0.5-2 GHz) 78.69 dB(2-18 GHz)																																														
4	VSWR	In/Out                      2.0:1 Typ. Terminated Out:        2.0:1 Typ.	1.88 :1 1.99 :1 (See Plot)																																														
5	Rise/Fall Time	10 nsec Typ. 15 nsec Max.	< 1 ns. See Typical Characteristics																																														
6	Delay On/Off	+5 V @ 100 mA Maximum -15 V @ 75 mA Maximum	24 ns. See Typical Characteristics																																														
7	DC Supply	+5 VDC @ 400 mA Max. -5 VDC @ 100 mA Max.	70 mA 20 mA																																														
8	Control Signal	LOGIC TABLE 3 BIT DECODER <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>E1</td> <td>E2</td> <td>E3</td> <td>FUNCTION</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>J1 - J2 "Low Loss"</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>1</td> <td>J1 - J3 "Low Loss"</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>J1 - J4 "Low Loss"</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>1</td> <td>J1 - J5 "Low Loss"</td> </tr> <tr> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>J1 - J6 "Low Loss"</td> </tr> <tr> <td>1</td> <td>0</td> <td>1</td> <td>1</td> <td>J1 - J7 "Low Loss"</td> </tr> <tr> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>J1 - J8 "Low Loss"</td> </tr> <tr> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>J1 - J9 "Low Loss"</td> </tr> </table>		E1	E2	E3	FUNCTION	0	0	0	0	J1 - J2 "Low Loss"	0	0	1	1	J1 - J3 "Low Loss"	0	1	0	0	J1 - J4 "Low Loss"	0	1	1	1	J1 - J5 "Low Loss"	1	0	0	0	J1 - J6 "Low Loss"	1	0	1	1	J1 - J7 "Low Loss"	1	1	0	0	J1 - J8 "Low Loss"	1	1	1	1	J1 - J9 "Low Loss"	Pass	PMI QA 2
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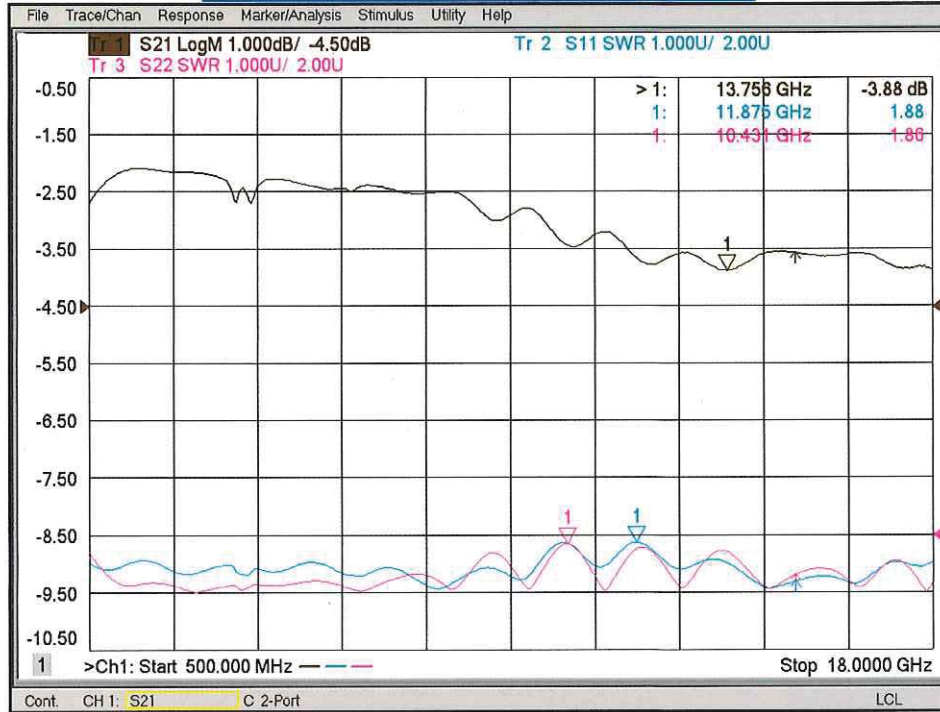
QA/QC Approval:       PMI QA 2      Date: 10/3/17



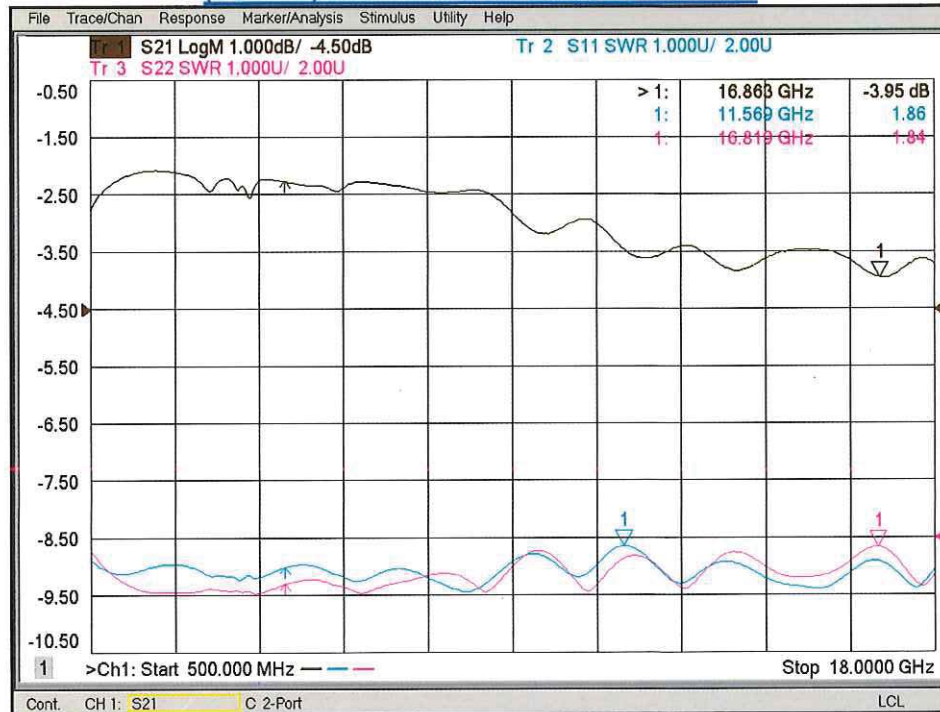
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**(J1 – J2) Insertion Loss and Return Loss**



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

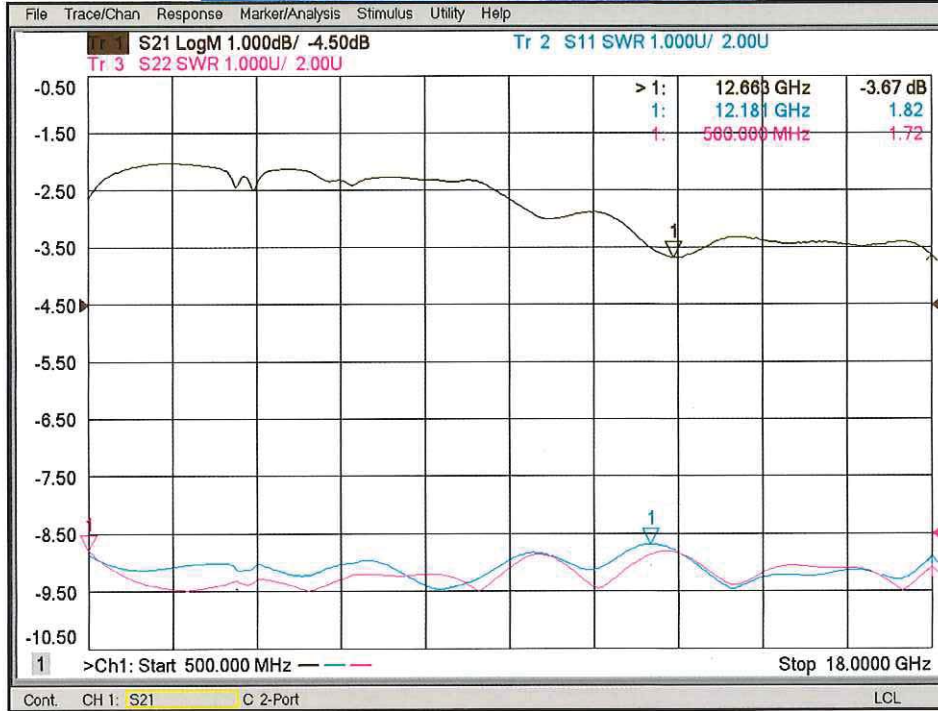




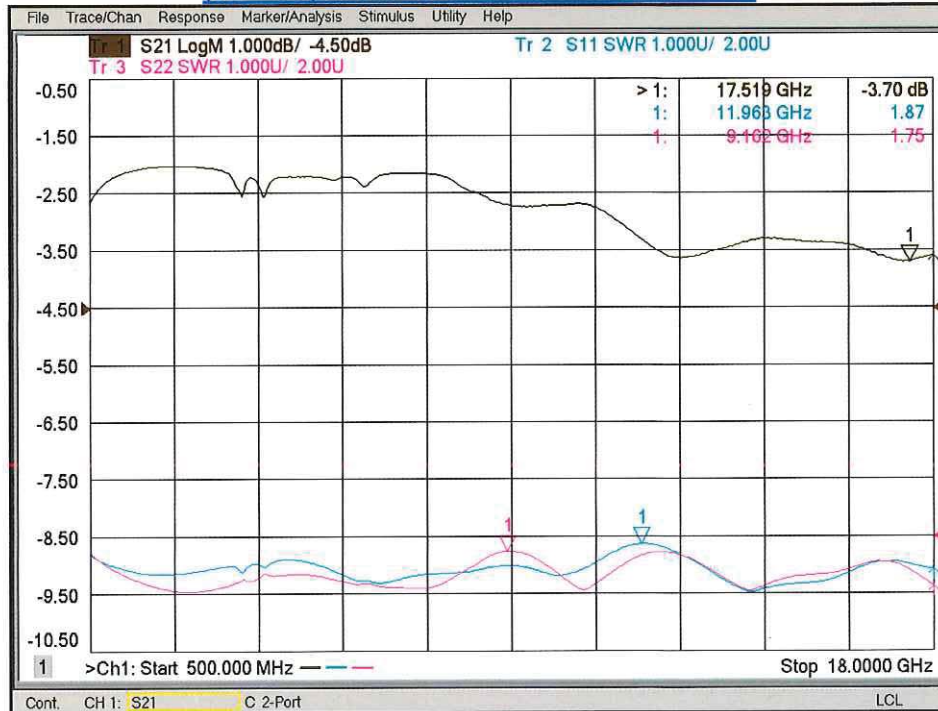
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**(J1 – J4) Insertion Loss and Return Loss**



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

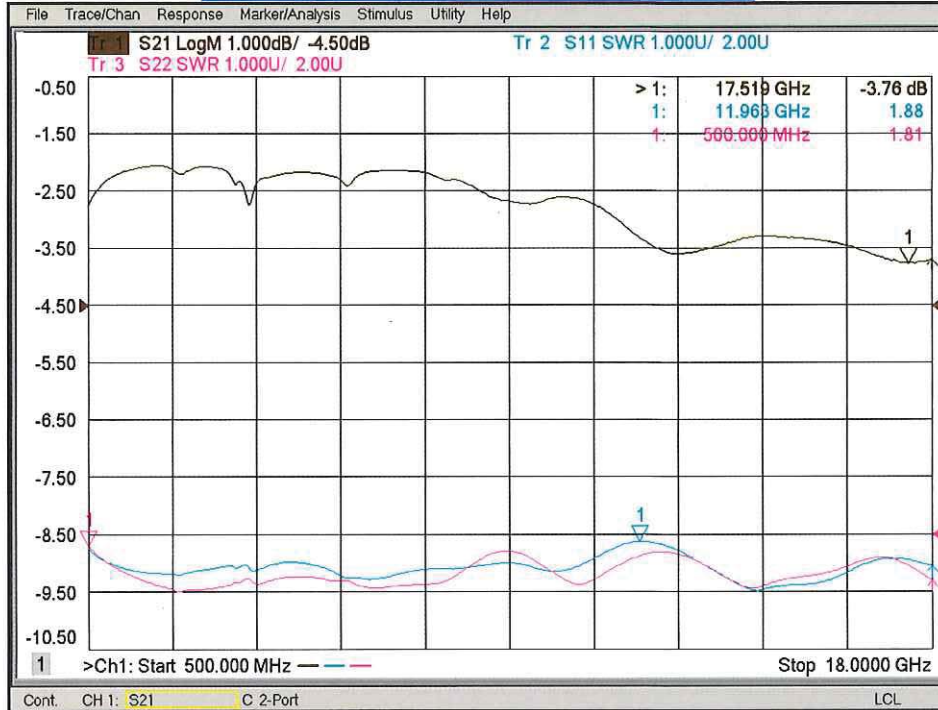




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**(J1 – J6) Insertion Loss and Return Loss**



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

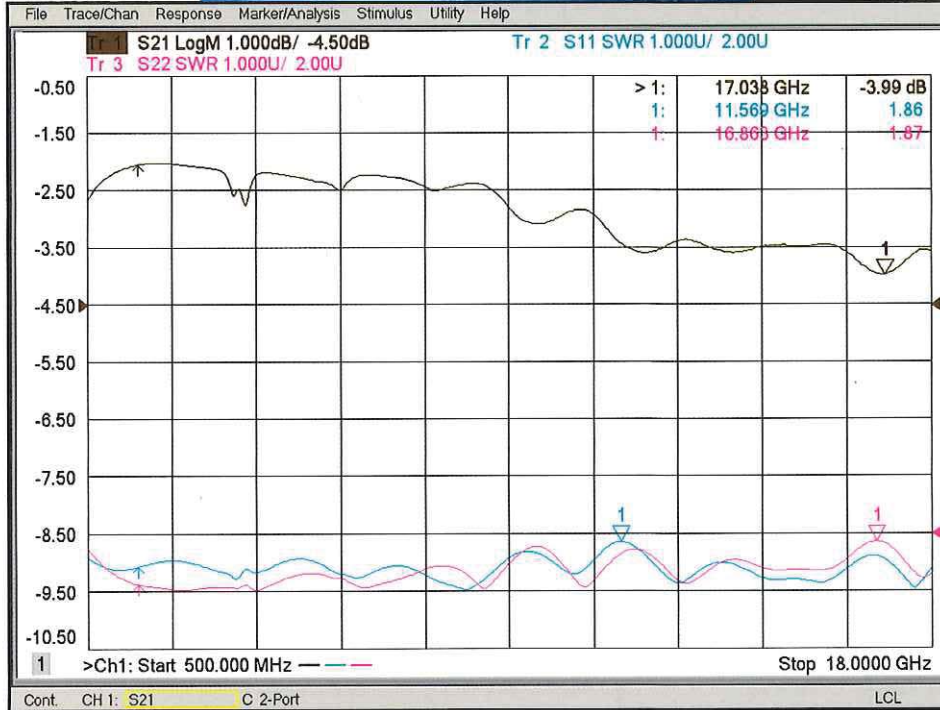




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**(J1 - J8) Insertion Loss and Return Loss**



**(J1 - J9) Insertion Loss and Return Loss**

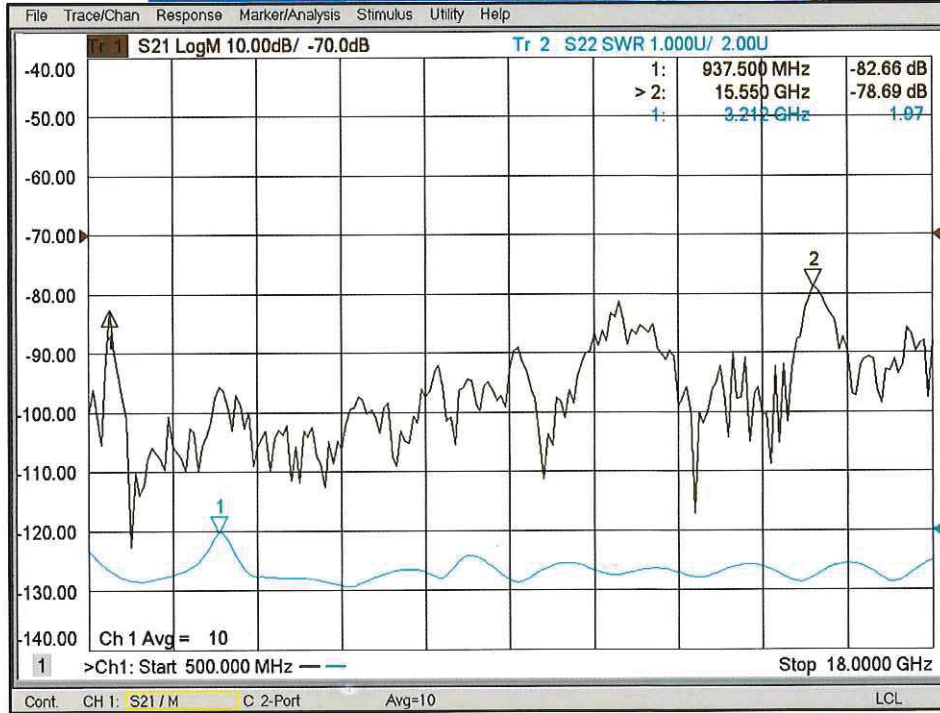




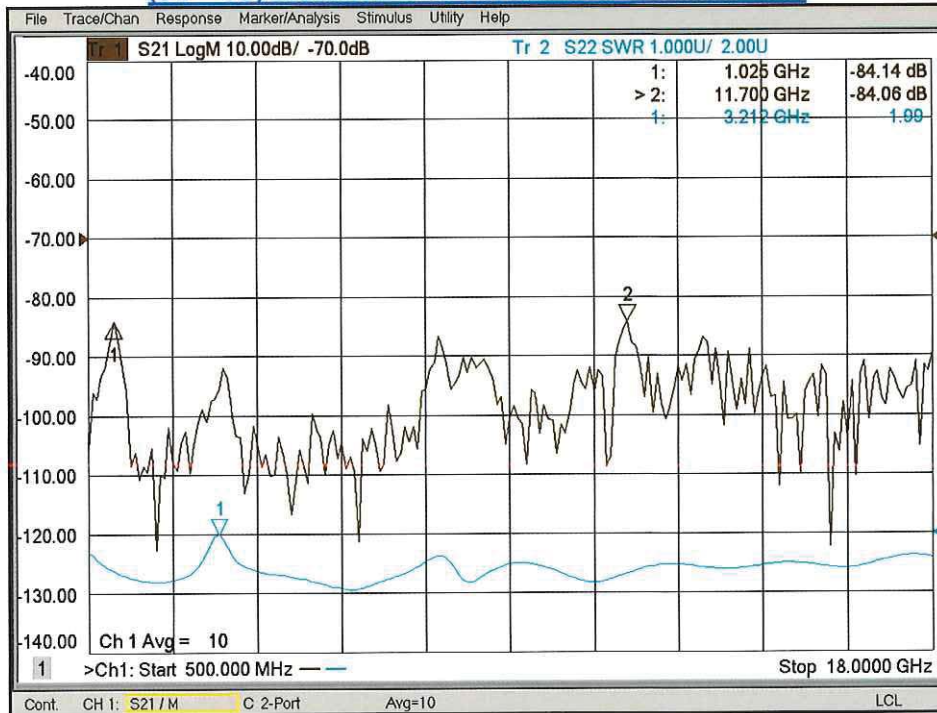
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**(J1 – J2) Isolation and Termination Return Loss**



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

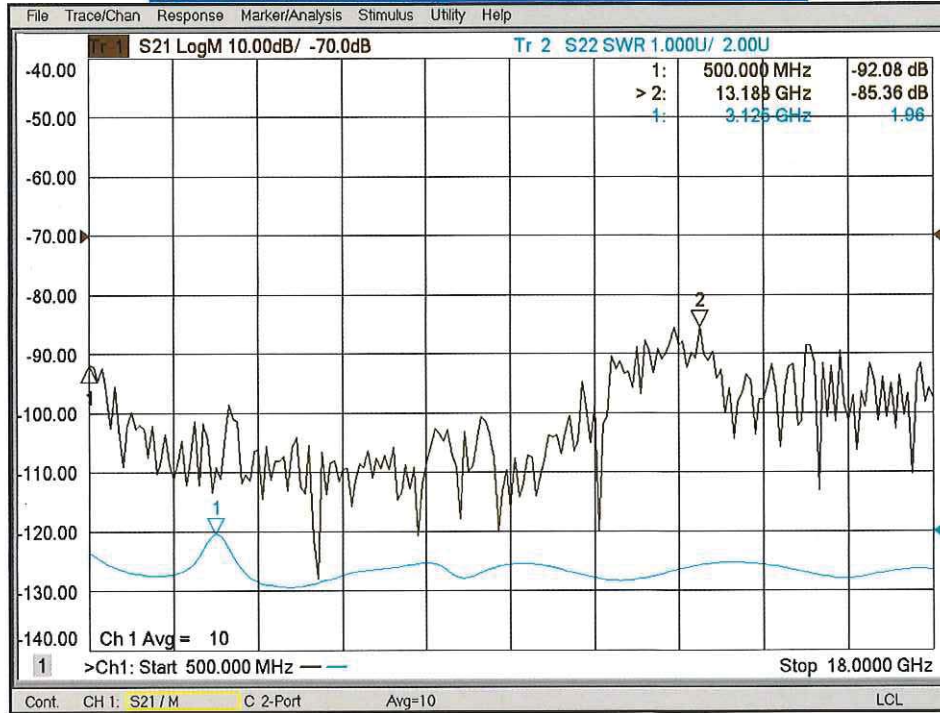




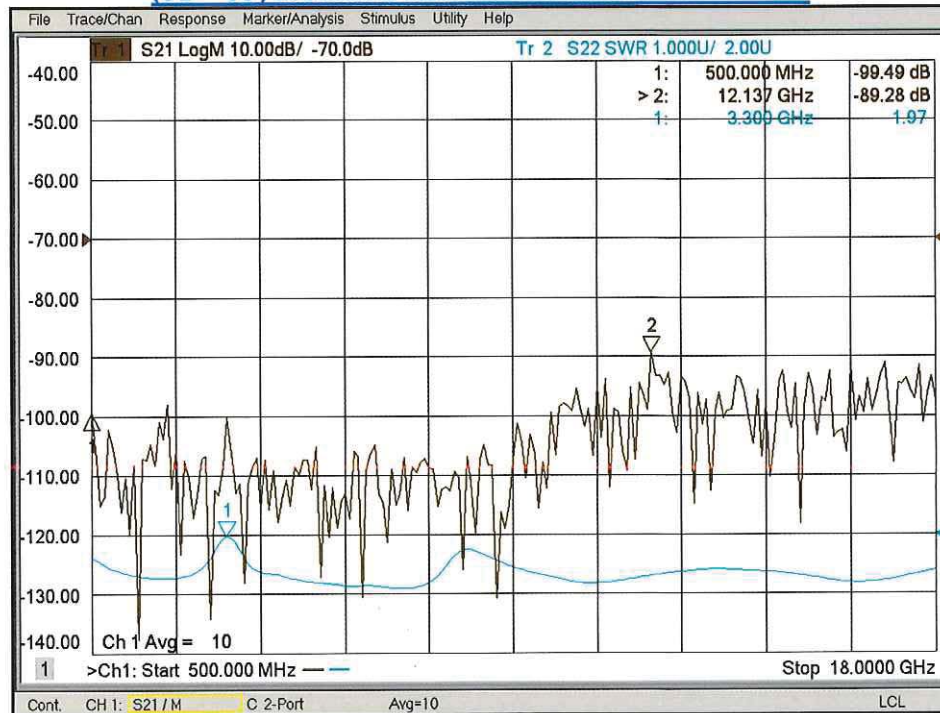
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**(J1 - J4) Isolation and Termination Return Loss**



**(J1 - J5) Isolation and Termination Return Loss**

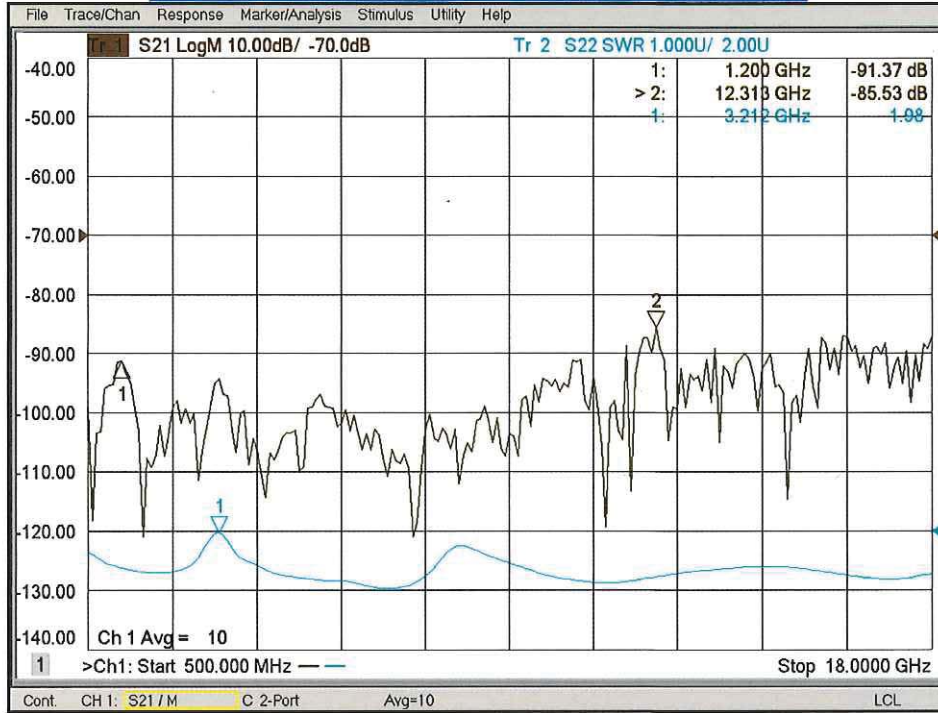




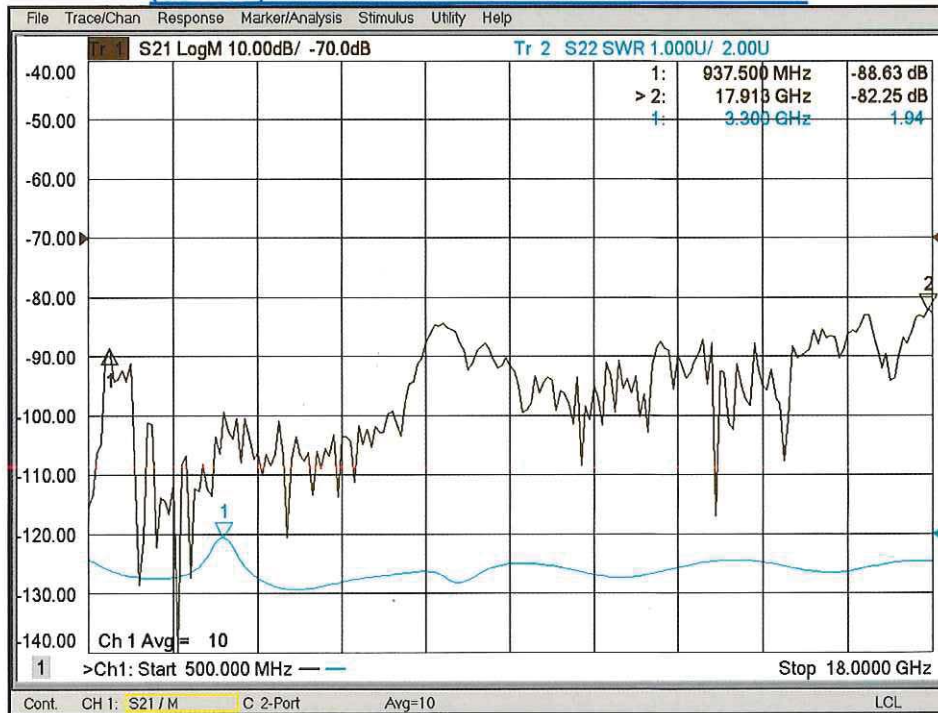
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**(J1 - J6) Isolation and Termination Return Loss**



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

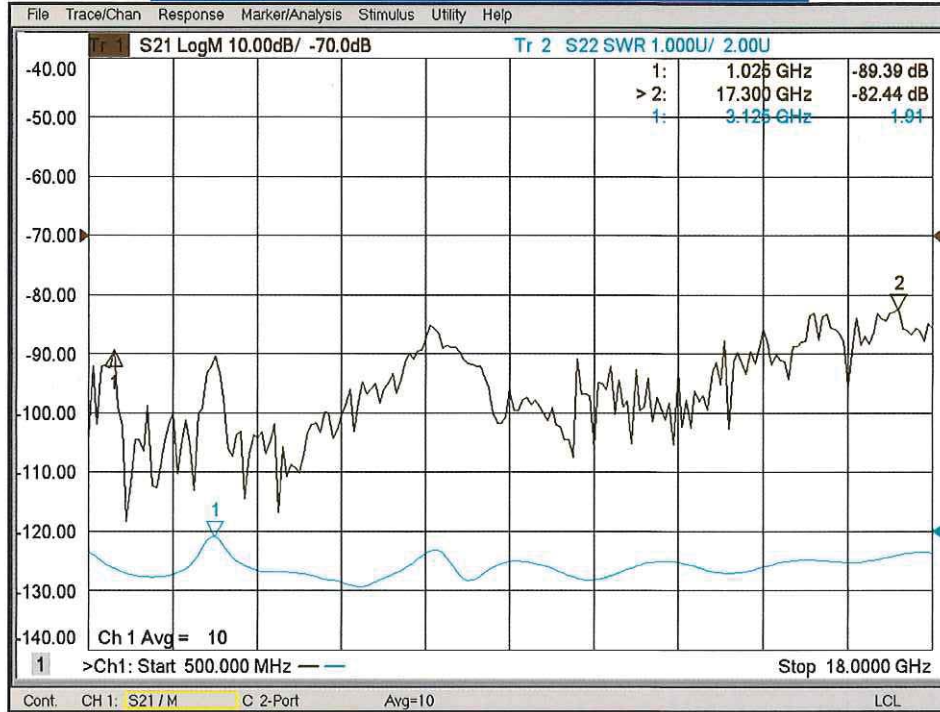




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**(J1 - J8) Isolation and Termination Return Loss**



**(J1 - J9) Isolation and Termination Return Loss**

