

**SUMMARY TEST DATA  
ON  
P8T-500M40G-50-R-55-292FF**

|  |                             |                |
|--|-----------------------------|----------------|
| Customer: _____                            | Tested By: <u>L. McGraw</u> |                |
| SO No: _____                               | Temperature: <u>+25°C</u>   |                |
| Model No: <u>P8T-500M40G-50-R-55-292FF</u> | Date: <u>10/30/2019</u>     |                |
| Serial No: <u>PL92551</u>                  | Drawing No: <u>27627703</u> | Rev: <u>A1</u> |

| TEST.<br>ITEM NO | PARAMETERS                | SPECIFIED VALUE  | TEST<br>RESULTS                        | QA<br>QC           |
|------------------|---------------------------|--|--|--------------------|
| 1                | Frequency Range:          | 0.5 – 40 GHz   | 0.5 – 40 GHz<br>See Plot               | <b>PMI<br/>QA1</b> |
| 2                | Insertion Loss:           | 9 dB Typ.  | 8.0dB<br>See Plot                      |                    |
| 3                | Isolation:                | 45 dB Min.   | 47dB<br>See Plot                       |                    |
| 4                | VSWR : In/Out             | 3.0:1 Typ  | 2.9:1<br>See Plot                      |                    |
| 5                | Switching Speed:          | 50 ns Typ.   | 30ns<br>See Typical<br>Characteristics |                    |
| 6                | Operating<br>Input Power: | +20dBm CW  | Pass                                   |                    |
| 7                | DC Supply:                | +5VDC @ 100 mA Typ<br>-5VDC @ 50 mA Typ  | +5VDC @ 68mA<br>-5VDC @ 10mA           |                    |
| 8                | Control Signal:           | EIGHT LINE TTL:<br>"0" ISOLATION<br>"1" INSERTION LOSS<br>E1: J1-J2<br>E2: J1-J3<br>E3: J1-J4<br>E4: J1-J5<br>E5: J1-J6<br>E6: J1-J7<br>E7: J1-J8<br>E8: J1-J9 | Pass                                   | <b>PMI<br/>QA1</b> |

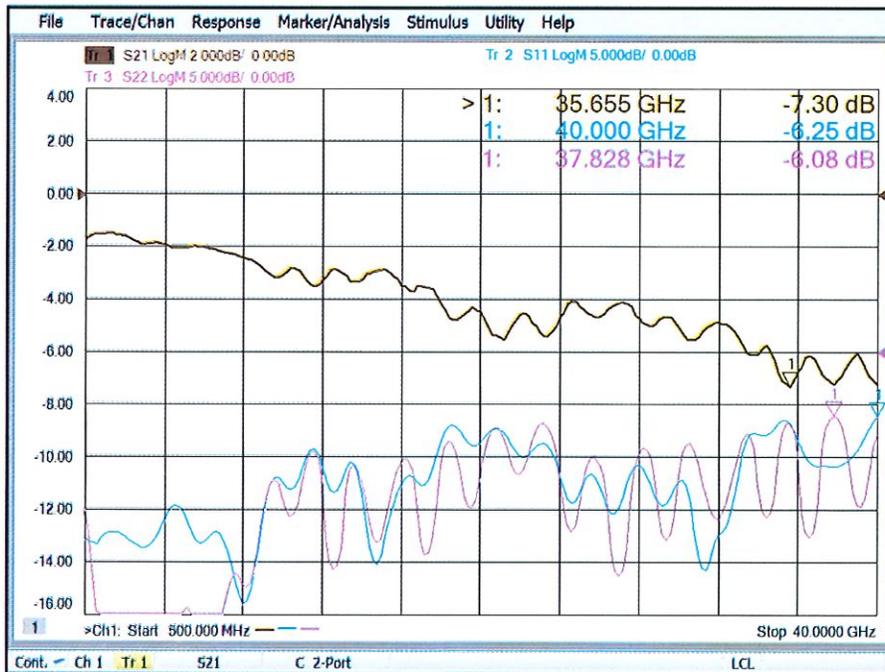
QA/QC Approval:  PMI  
QA1 Date: 10/30/19

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

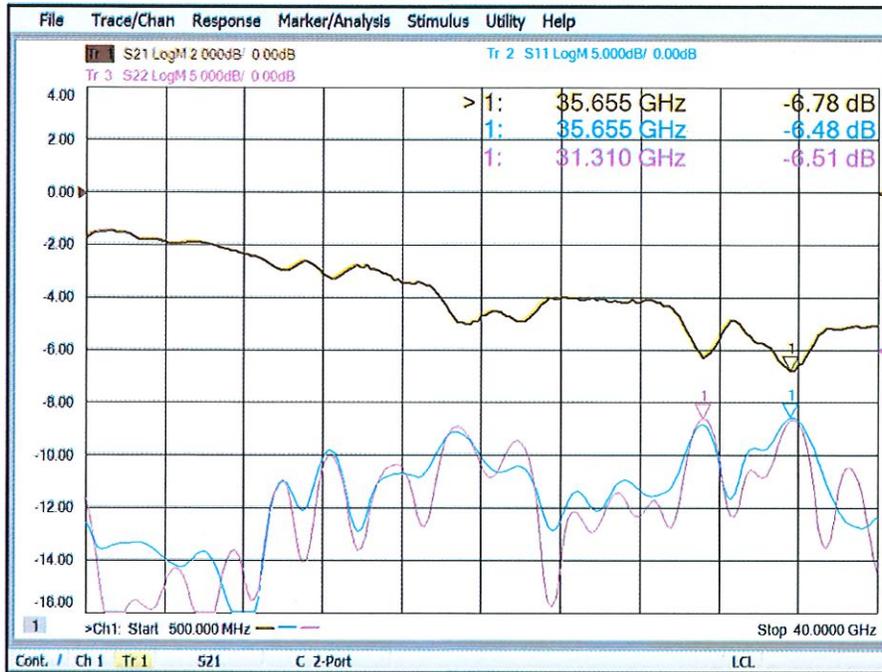


**(J1-J3) Insertion Loss and Return Loss**



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



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

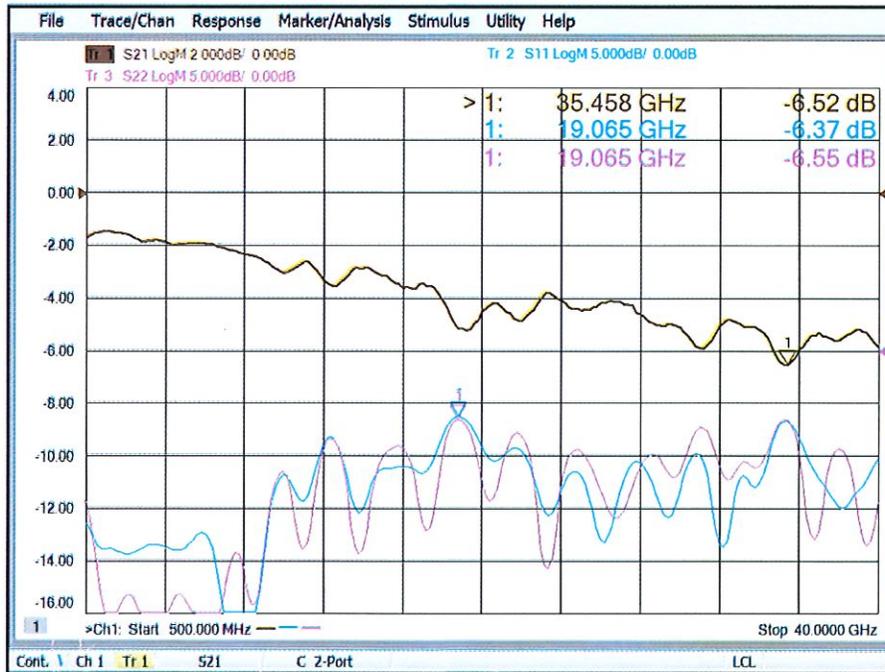


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**(J1-J6) Insertion Loss and Return Loss**

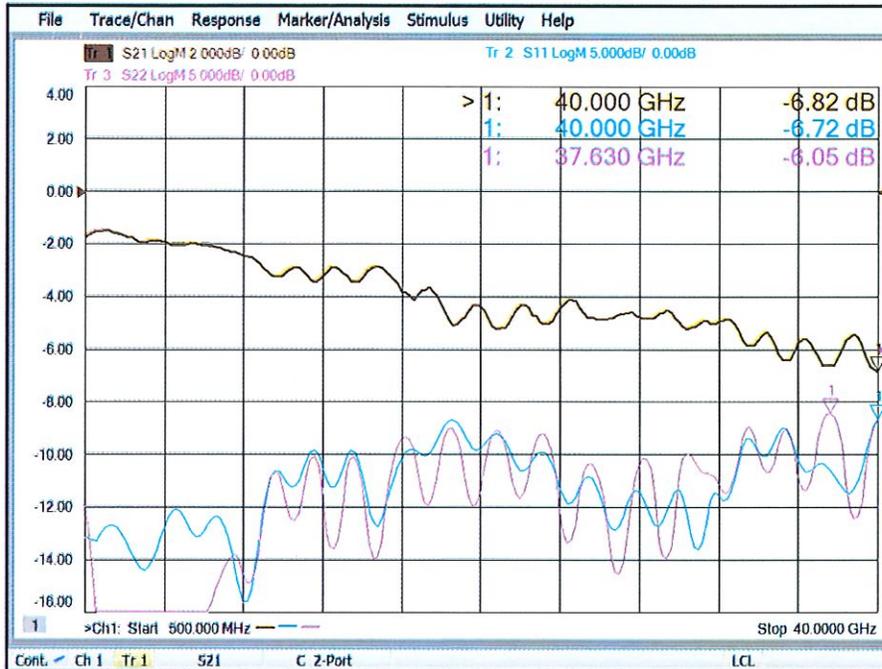


**(J1-J7) Insertion Loss and Return Loss**

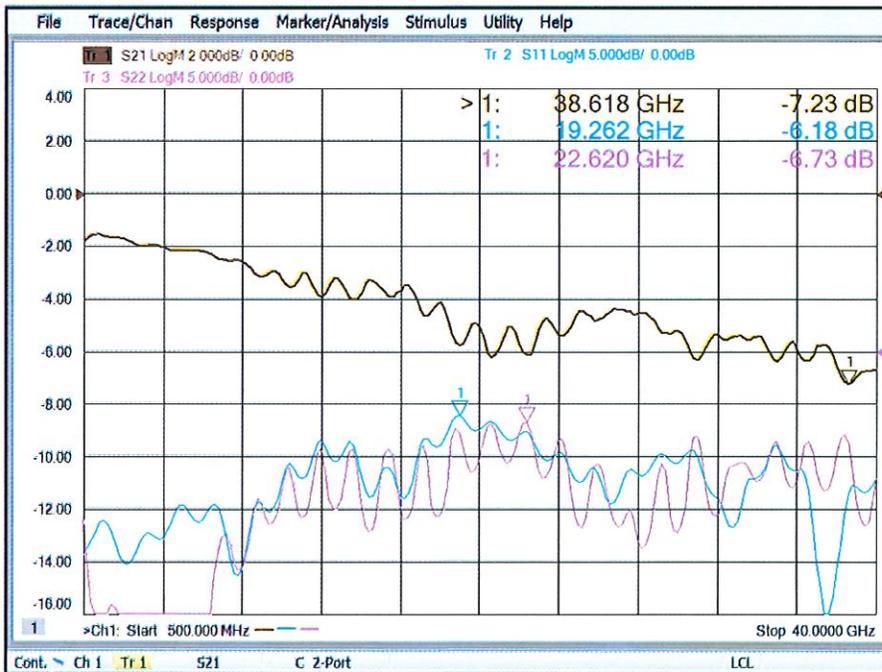


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**(J1-J8) Insertion Loss and Return Loss**



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

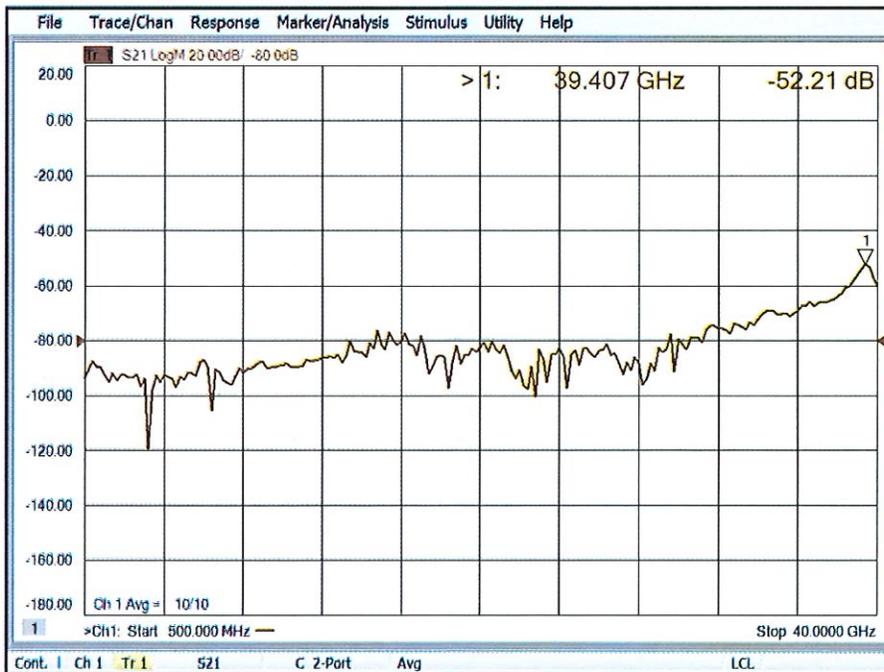


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**(J1 – J2) Isolation**



**(J1 – J3) Isolation**



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**(J1 – J4) Isolation**



**(J1 – J5) Isolation**

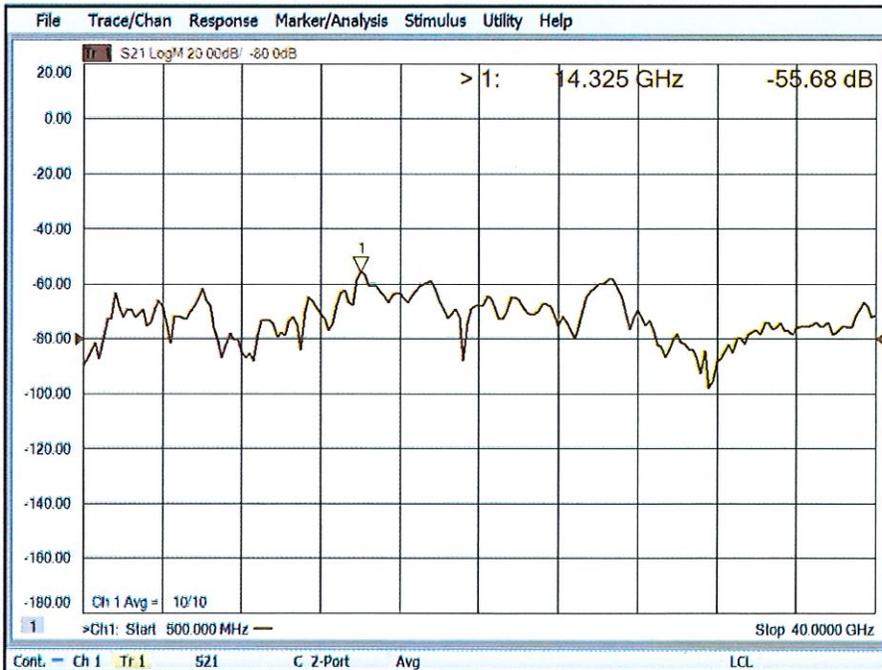


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**(J1 – J6) Isolation**

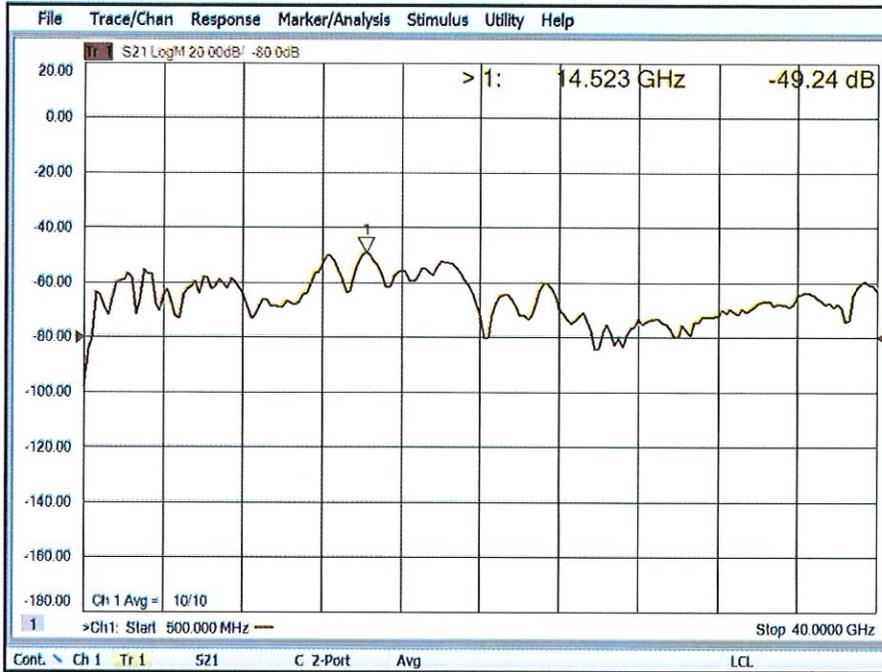


**(J1 – J7) Isolation**



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**(J1 – J8) Isolation**



**(J1 – J9) Isolation**

