



**SUMMARY TEST DATA  
ON  
P6T-2G20G-55-T-SFF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: P6T-2G20G-55-T-SFF  
 Serial No: PL38184/2243

Tested By: S. O'Neill  
 Temperature: +25° C  
 Date: 10/18/2022  
 Drawing No: 27626103 Rev: A1

| TEST ITEM NO. | PARAMETERS         | SPECIFIED VALUE   | TEST RESULTS  | QA QC      |
|---------------|--------------------|---|---|------------|
| 1             | Frequency Range    | 2 GHz - 20 GHz  | 2 GHz - 20 GHz  | PMI<br>QA2 |
| 2             | Isolation          | 55 dB Min   | 63.8dB<br>See Plot  |            |
| 3             | Insertion Loss     | 4.5 dB Max.   | 4.32dB<br>See Plot  |            |
| 4             | Frequency Flatness | 2 to 11 GHz (+1.0/-0.5 dB)<br>11 to 20 GHz (+2.0/-0.5 dB)   | 0.5dB / -0.4dB<br>1.1dB / -0.5dB<br>See Plot                |            |
| 5             | VSWR: In/Out       | 2.0:1 Max   | 1.96:1<br>1.91:1<br>See Plot                                |            |
| 6             | VSWR: Out/Off      | 2.0:1 Max   | 1.95:1<br>See Plot  |            |
| 7             | Input Power        | +20 dBm Operational<br>+27 dBm Survival                     | Pass<br>See Typical Characteristics                         |            |
| 8             | RF Switching Speed | Rise: 30 ns Max (10% to 90%)<br>Fall: 30ns Max (90% to 10%) | Rise: 30 ns Max (10% to 90%)<br>Fall: 30ns Max (90% to 10%) |            |
| 9             | Video Leakage      | <1.3V Max, 25ns Window                                      | <1.3V Max, 25ns Window                                      |            |
| 10            | DC Voltage         | +15 VDC @ 200 mA Max<br>-5 VDC @ 100 mA Max                 | +15 VDC @ 41 mA<br>-5 VDC @ 21 mA                           |            |
| 11            | Control Signal     | TTL Logic: "0" On, "1" Off                                  | Pass  |            |

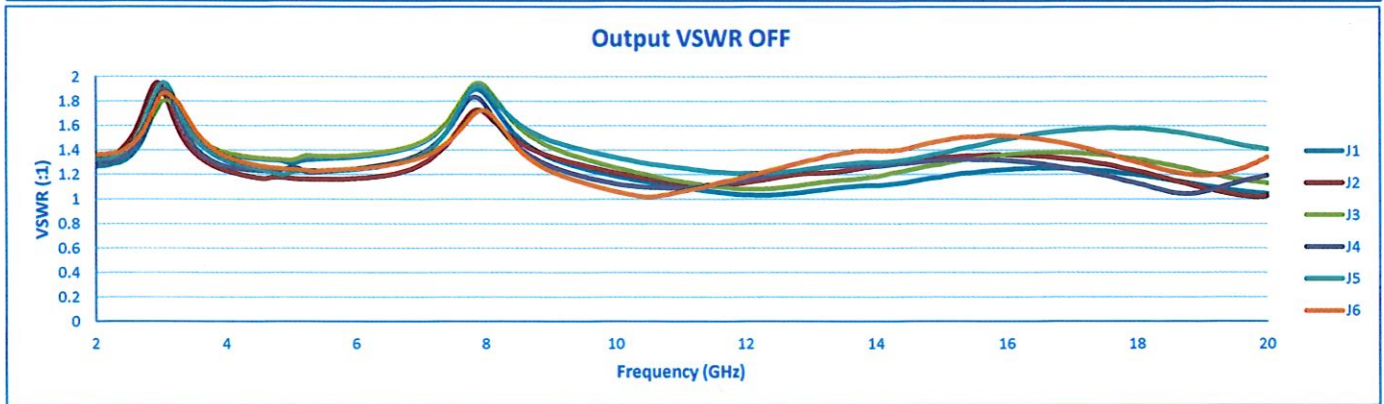
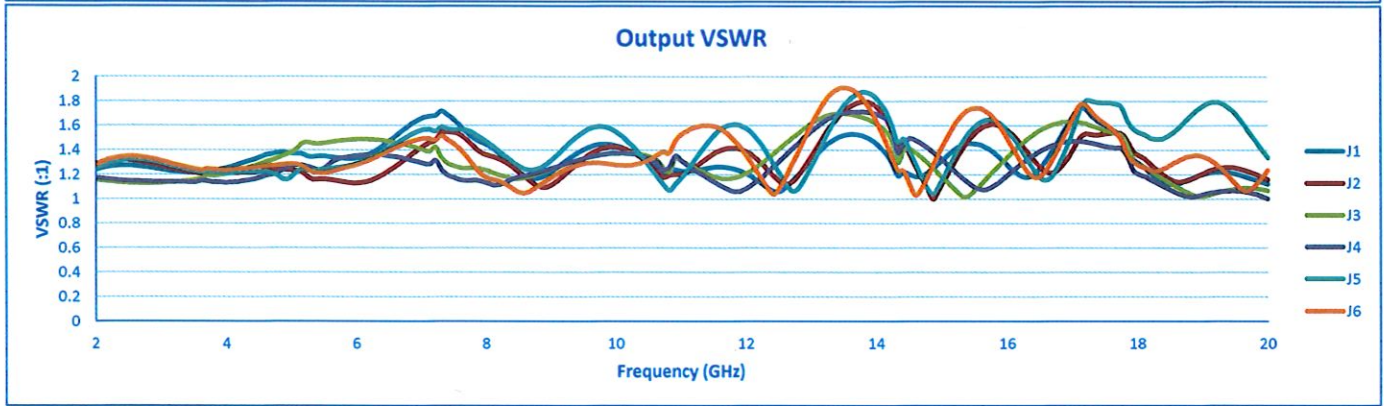
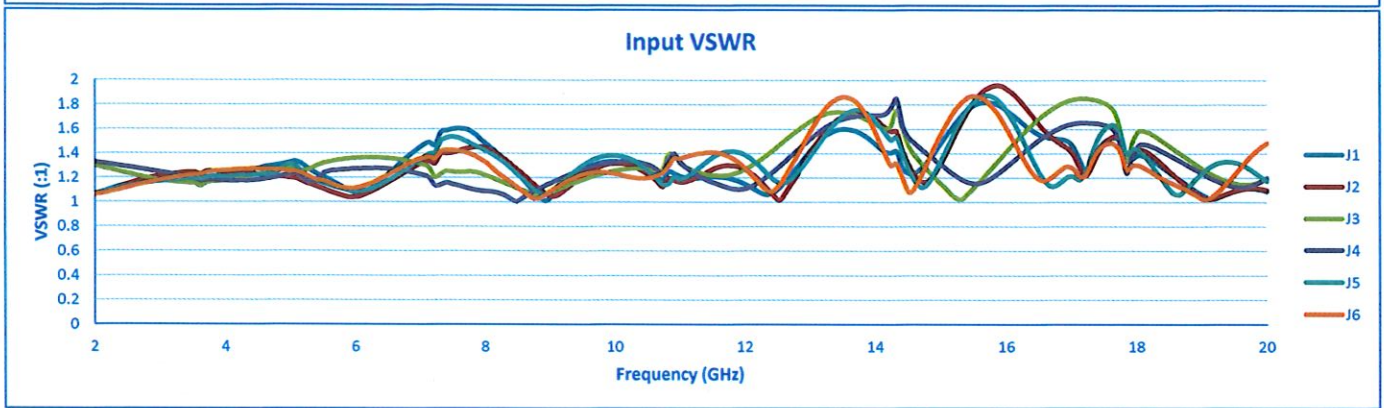
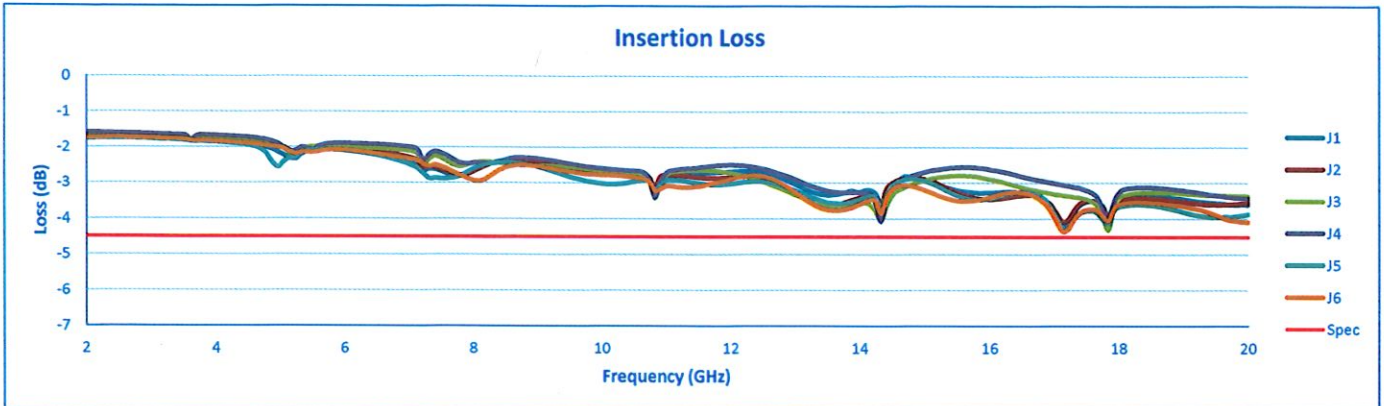
QA/QC Approval:  PMI QA2

Date: 10/19/2022



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