



SUMMARY TEST DATA ON PS-3R4G4R2G-10B-SFF

Customer: _____
 SO: _____
 Model No: PS-3R4G4R2G-10B-SFF
 Serial No: PL56874/2550

Tested By: Anton L.
 Date: Wednesday, December 3, 2025
 Temp: +25°C
 Drawing No: 27652700 Rev: A2

Data Taken at -10 dBm Input Power

| Test Item No. | Parameters | Specified Value | Measured Value | QA QC |
|---------------|---------------------|---|---------------------------------|-------|
| 1 | Frequency Range: | 3.4 to 4.2 GHz | 3.4 to 4.2 GHz | |
| 2 | Control: | 10 Bit TTL | 10 Bit TTL | |
| 3 | Insertion Loss: | 11 dB MAX. | 6.71 dB See Plot | |
| 4 | VSWR (INPUT/OUTPUT) | 1.6:1 Input MAX. 1.6:1 Output MAX. | Input: 1.15:1 Output: 1.38:1 | |
| 5 | Phase Shift Error: | ±5° MAX. | ±1.19° MAX. See Plot | |
| 6 | Phase Flatness: | 10° MAX. | 1.62° MAX. See Plot | |
| 7 | Phase Shift: | 360° | 359.51° | |
| 8 | Power Supply: | +15 V @ 200 mA MAX. -15 V @ 50 Ma MAX. | +15 V @ 185 mA -15 V @ 40 mA | |

* FOR ALL OTHER SPECIFICATIONS SEE TYPICAL CHARACTERISTICS ON THE PMI WEBSITE

| Programed Phase Shift | Average Phase Shift | Average Signed Phase Error | Flatness |
|-----------------------|---------------------|----------------------------|-------------|
| DEG | DEG | DEG | DEG |
| 0.35 | 0.27 | 0.08 | 0.05 |
| 0.70 | 0.52 | 0.18 | 0.07 |
| 1.41 | 1.20 | 0.21 | 0.07 |
| 2.81 | 2.80 | 0.01 | 0.08 |
| 5.63 | 5.45 | 0.18 | 0.12 |
| 11.25 | 11.15 | 0.10 | 0.19 |
| 22.50 | 22.24 | 0.26 | 0.23 |
| 45.00 | 44.96 | 0.04 | 0.17 |
| 90.00 | 89.79 | 0.21 | 0.32 |
| 180.00 | 179.64 | 0.36 | 0.07 |

| Programed Phase Shift | Average Phase Shift | Average Signed Phase Error | Flatness |
|-----------------------|---------------------|----------------------------|-------------|
| DEG | DEG | DEG | DEG |
| 33.75 | 33.69 | 0.06 | 0.46 |
| 67.50 | 67.31 | 0.19 | 0.98 |
| 101.25 | 100.94 | 0.31 | 0.84 |
| 135.00 | 134.83 | 0.17 | 1.44 |
| 168.75 | 168.46 | 0.29 | 0.87 |
| 202.50 | 202.15 | 0.35 | 0.61 |
| 236.25 | 235.86 | 0.39 | 0.90 |
| 270.00 | 269.75 | 0.25 | 0.85 |
| 303.75 | 303.59 | 0.16 | 1.18 |
| 337.50 | 337.19 | 0.31 | 1.33 |

QA/QC Approval: _____

Date: _____















