

**SUMMARY TEST DATA
ON
PS-2G6G-8B-SFF**

Customer: _____
Job No: _____
Model No: PS-2G6G-8B-SFF
Serial No: PL38886/2250

Tested By: K. Mansfield
Date: Tuesday, December 13, 2022
Temp: +25°C
Drawing No: 27622643 Rev: A1

Data Taken at -10 dBm Input Power

| Test Item No. | Parameters | Specified Value | Measured Value | QA QC | |
|---------------|------------------|-----------------|---------------------------------|------------|------------|
| 1 | Frequency Range: | 2.0 to 6.0 GHz | 2.0 to 6.0 GHz | PMI QA2 | |
| 2 | Control: | 8 Bit TTL | Pass | | |
| 3 | Insertion Loss: | 10.5 dB Typ. | 8.69 dB See Plot | | |
| 4 | Phase Shift: | 360° Typ. | 360° | | |
| 5 | Phase Accuracy: | ±0.5° dB Typ. | +1.28° -1.27° See Plot | | |
| 6 | Switching Speed: | 500 ns Max. | See Typical Characteristics | | |
| 7 | Power Supply: | +15 V -15 V | +15 V @ 188 mA -15 V @ 32 mA | | PMI QA2 |

| Programed Phase Shift | Phase Shift | Accuracy | Flatness |
|-----------------------|-------------|----------|----------|
| DEG | DEG | DEG | ±DEG |
| 1.40625 | 1.47 | -0.06 | 0.07 |
| 2.8125 | 2.94 | -0.13 | 0.11 |
| 5.625 | 5.86 | -0.24 | 0.16 |
| 11.25 | 11.70 | -0.45 | 0.30 |
| 22.5 | 23.32 | -0.82 | 0.83 |
| 45 | 46.22 | -1.22 | 2.30 |
| 90 | 91.14 | -1.14 | 4.98 |
| 180 | 178.88 | 1.12 | 5.67 |
| 358.59375 | 359.19 | -0.59 | 0.11 |

| Programed Phase Shift | Phase Shift | Accuracy | Flatness |
|-----------------------|-------------|----------|----------|
| DEG | DEG | DEG | ±DEG |
| 33.75 | 34.86 | -1.11 | 1.52 |
| 67.5 | 68.65 | -1.15 | 3.84 |
| 101.25 | 102.51 | -1.26 | 5.36 |
| 135 | 135.56 | -0.56 | 5.95 |
| 168.75 | 167.82 | 0.93 | 5.78 |
| 202.5 | 201.35 | 1.15 | 5.62 |
| 236.25 | 235.00 | 1.25 | 5.56 |
| 270 | 269.29 | 0.71 | 4.79 |
| 303.75 | 303.48 | 0.27 | 3.80 |
| 337.5 | 337.47 | 0.03 | 1.37 |

QA/QC Approval:  PMI QA2

Date: 12/14/2022

