



SUMMARY TEST DATA ON BPM-2G18G-180-SFF-MB

Customer: _____
 Job No: _____
 Model No: BPM-2G18G-180-SFF-MB
 Serial No: PL30514/2043

Tested By: A. Lopez
 Date: Wednesday, February 10, 2021
 Temp: 25°C
 Drawing No: 27631760 Rev: A1

| TEST ITEM NO. | PARAMETERS | SPECIFIED VALUE | TEST RESULTS | QA QC | |
|---------------|---------------------------|---|---------------------------------|-------------|-------------|
| 1 | Frequency Range: | 2.0 to 18.0 GHz | 2.0 to 18.0 GHz | PMI QA 2 | |
| 2 | Insertion Loss: | 5.5 dB Max. | 3.8 dB See Plot | | |
| 3 | VSWR: | 2.0:1 Max. 1.5:1 Goal. | 1.63:1 See Plot | | |
| 5 | Speed: | 100 ns Max On/Off | See Typical Charaterisitcs | | |
| 6 | Phase Shift | ±30° | + 26.09 ° - 18 ° | | |
| 7 | Amplitude Balance: | ±2.0 dB | + 1.95 dB + 0.44 dB | | |
| 8 | Phase Shift Control Input | TTL "0" = 0° TTL "1" = 180° | PASS | | |
| 9 | DC Supply: | +5 VDC @ 70 mA Max. -12 VDC @ 30 mA Max. | +5 VDC @ 40 mA -12VDC @ 7 mA | | PMI QA 2 |

QA/QC Approval:  PMI QA 2

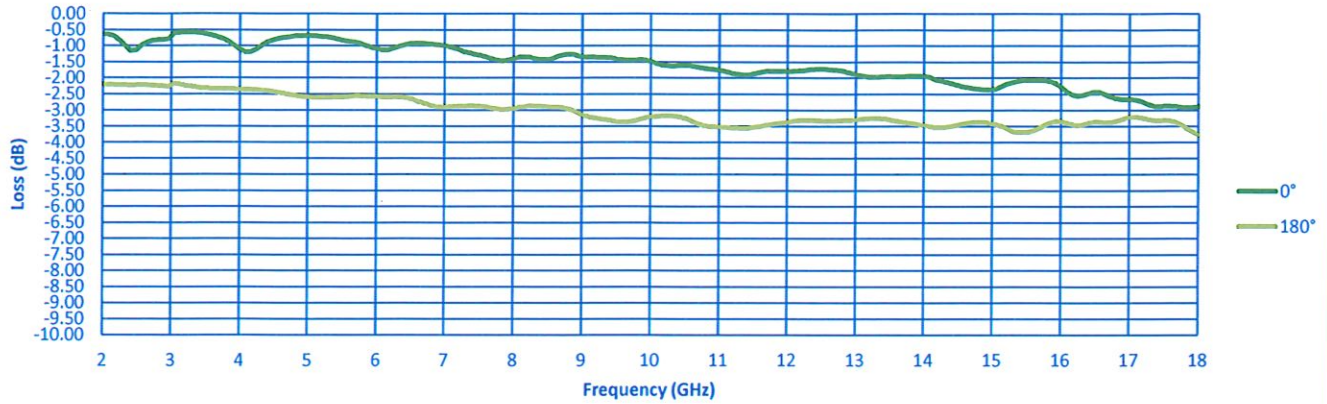
Date: 2/10/21



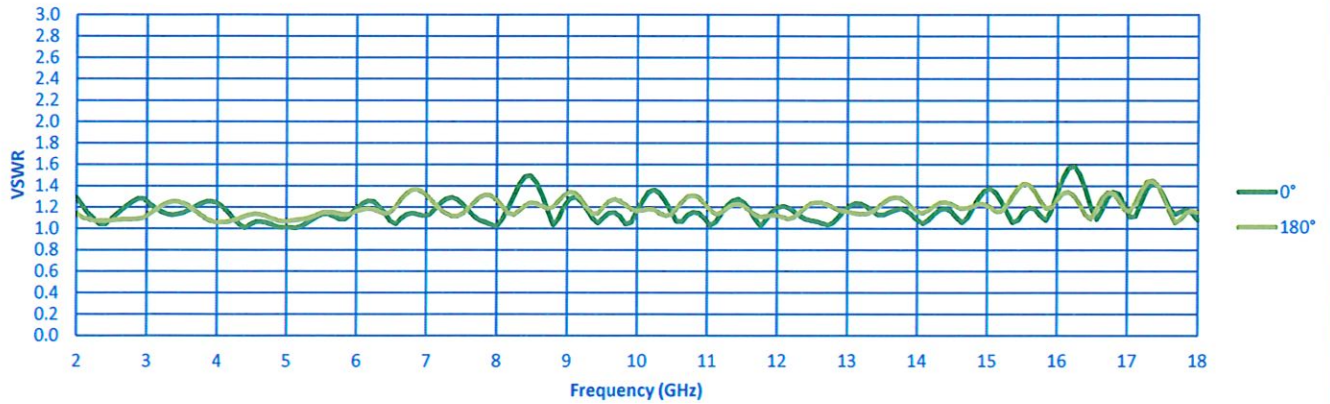
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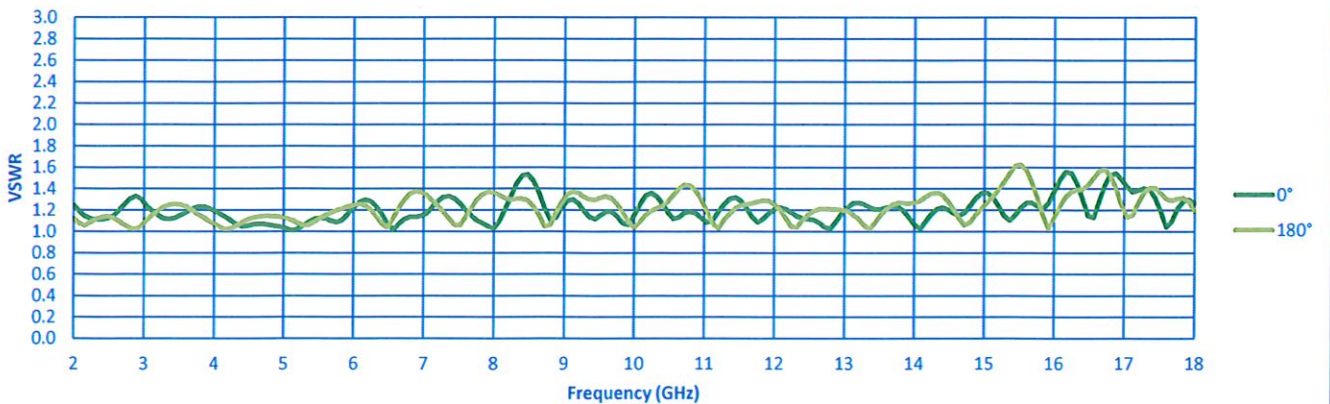
Insertion Loss at Phase Settings



VSWR (Input)



VSWR (Output)

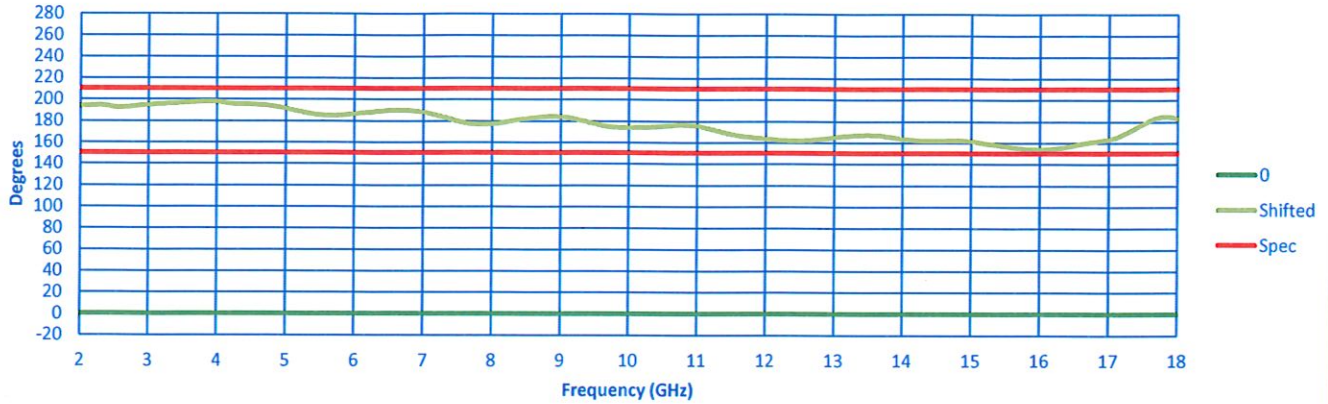




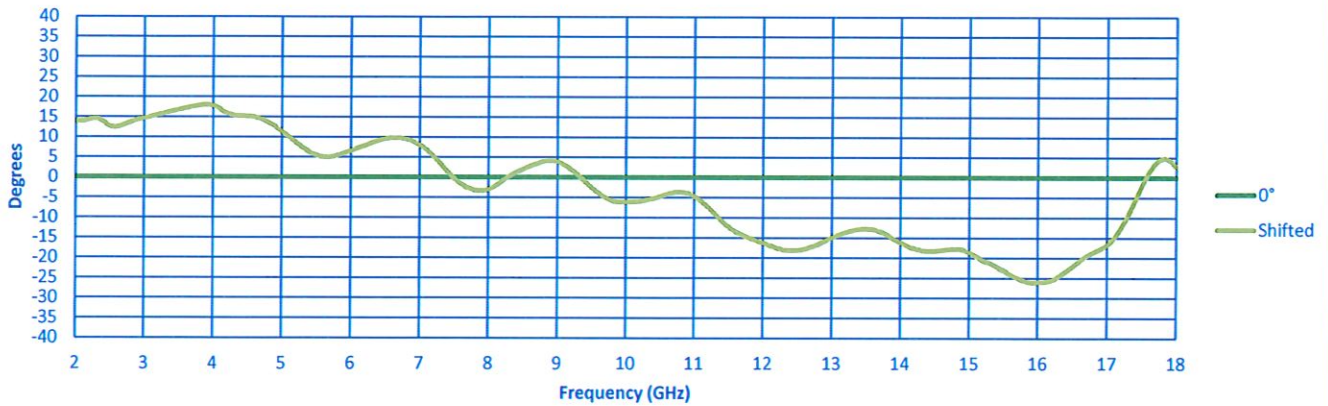
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PHASE SHIFT FROM NORMALIZED 0° STATE



PHASE SHIFT DELTA FROM TARGET 180°



AMPLITUDE BALANCE FROM NORMALIZED 0° STATE

