



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

Customer: _____
Job No: _____
Model No: BPM-2G18G-180-SFF-MB
Serial No: PL52972/2519

Tested By: A. Mousavi
Date: 5/10/2025
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 QA4
2	Insertion Loss:	5.5 dB Max.	5.1 dB See Plot	
3	VSWR:	2.0:1 Max. 1.5:1 Goal.	1.81:1 See Plot	
5	Speed:	100 ns Max On/Off	See Typical Charaterisitcs	
6	Phase Shift	$\pm 30^\circ$	+ 28.47 ° - 7.19 °	
7	Amplitude Balance:	± 2.0 dB	+ 1.98 dB - 0.72 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 @ 42 mA -12VDC @ 8 mA	PMI QA4

QA/QC Approval: _____

Amirreza Khey

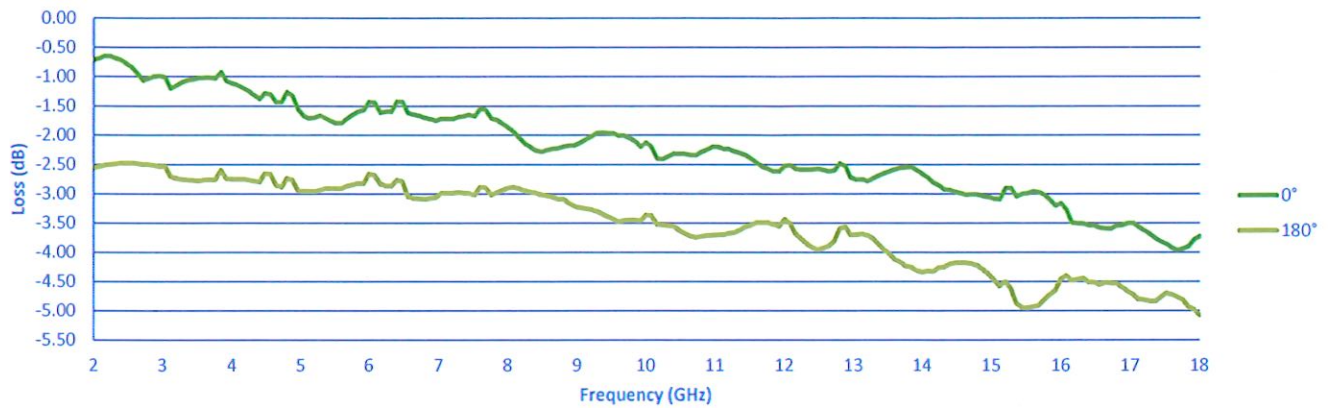
Date: 5/12/25



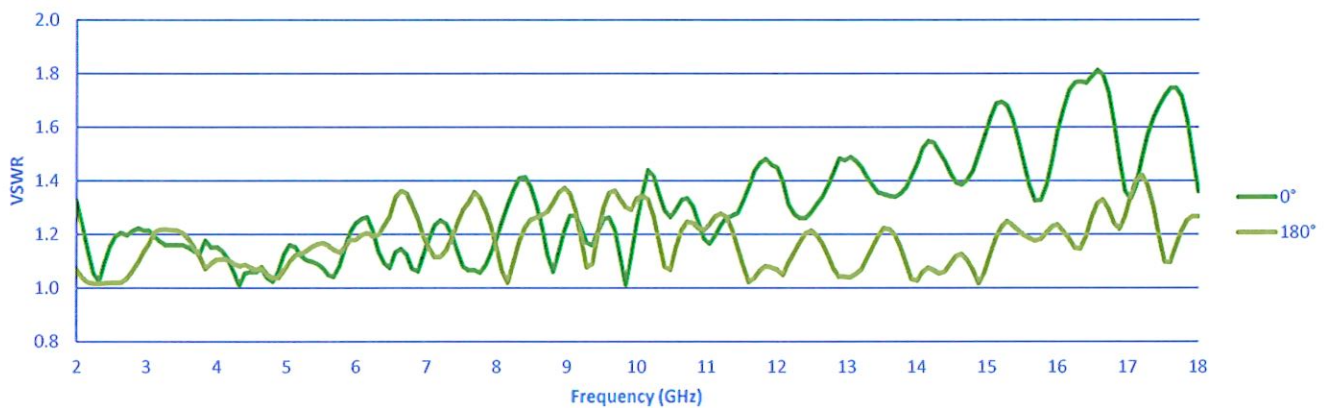
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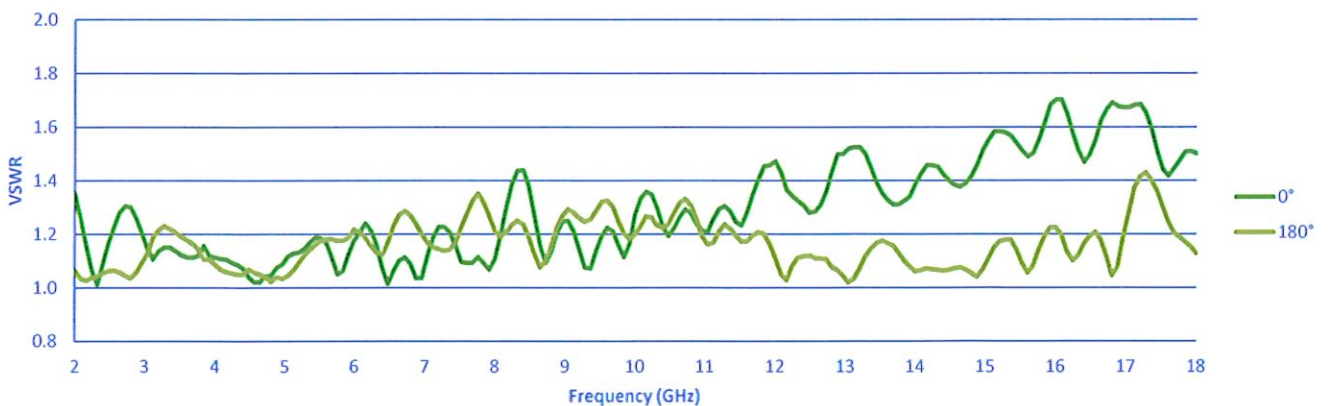
Insertion Loss at Phase Settings



VSWR (Input)



VSWR (Output)

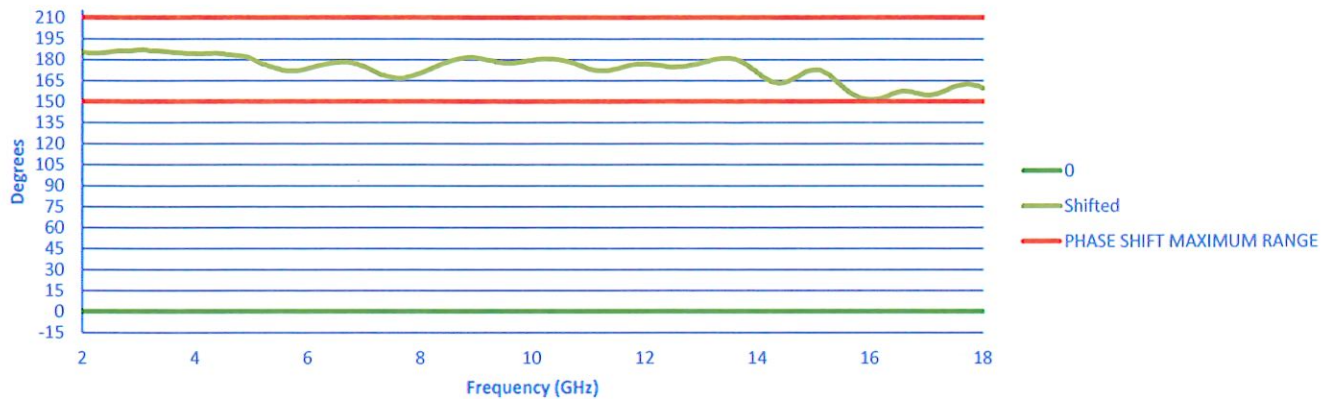




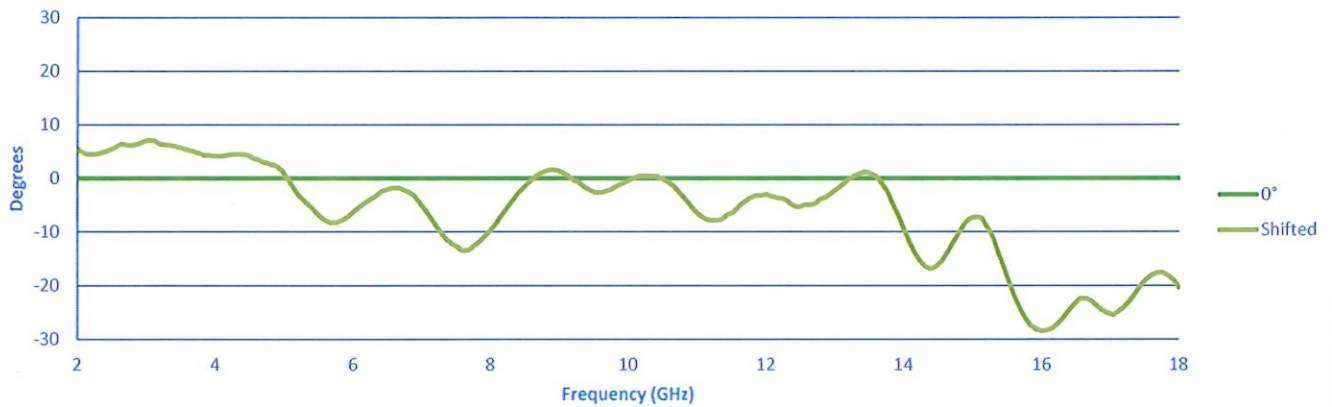
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PHASE SHIFT FROM NORMALIZED 0° STATE



PHASE SHIFT DELTA FROM TARGET 180°



AMPLITUDE BALANCE FROM NORMALIZED 0° STATE

