SUMMARY TEST DATA ON PS-200M4G-12B-SFF

PLANAR MONOLITHICS

Customer:
SO:
Model No: PS-200M4G-12B-SFF
Serial No: PL58704/2612

Tested By: A. Mousavi
Date: Wednesday, March 18, 2026
Temp: +25°C
Drawing No: 27644180 Rev: B2

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value @+25°	Measured Value	QA QC
1	Frequency Range:	0.2 TO 4.0 GHz	0.2 TO 4.0 GHz	PMI QA6
2	Control:	12 Bit TTL	12 Bit TTL	
3	Insertion Loss:	10 dB MAX.	5.85 dB See Plot	
4	Phase Shift:	360°	359.6°	
5	Phase Shift Error:	±5° MAX.	±2.69° MAX. See Plot	
6	Power Supply:	+15 V @ 300 mA MAX. -15 V @ 50 mA MAX.	+15 V @ 180 mA -15 V @ 20 mA	PMI QA6

* 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
0.09	0.03	-0.06	0.23
0.17	0.13	-0.04	0.13
0.35	0.24	-0.11	0.22
0.70	0.49	-0.21	0.24
1.41	1.14	-0.27	0.25
2.81	2.68	-0.13	0.29
5.63	5.58	-0.04	0.36
11.25	11.16	-0.09	0.69
22.50	22.54	0.04	0.86
45.00	44.67	-0.33	1.01
90.00	89.69	-0.31	0.58
180.00	179.50	-0.50	0.58

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.55	-0.20	1.09
67.50	66.93	-0.57	2.98
101.25	101.40	0.15	1.31
135.00	134.98	-0.02	2.64
168.75	168.18	-0.57	1.61
202.50	202.18	-0.32	2.00
236.25	235.16	-1.09	2.60
270.00	269.26	-0.74	1.32
303.75	303.10	-0.65	1.53
337.50	336.86	-0.64	2.69

QA/QC Approval: PMI QA6 Anthony Kordy Date: 3/19/26

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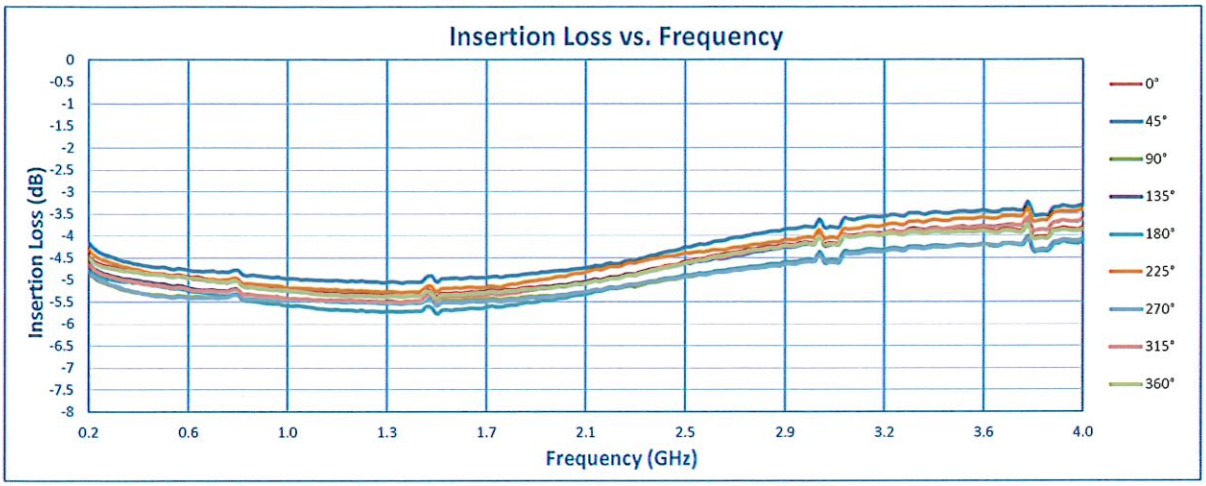

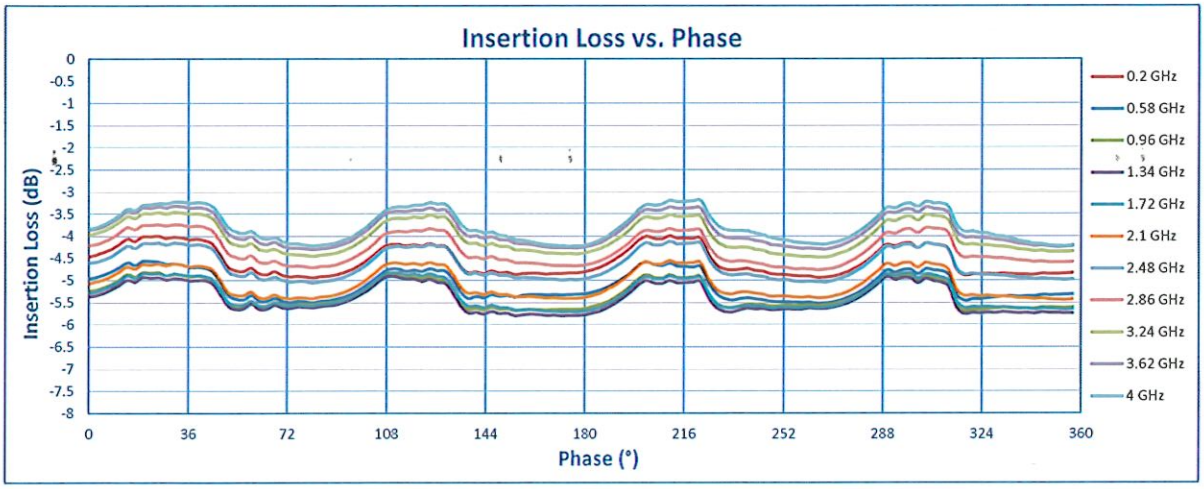

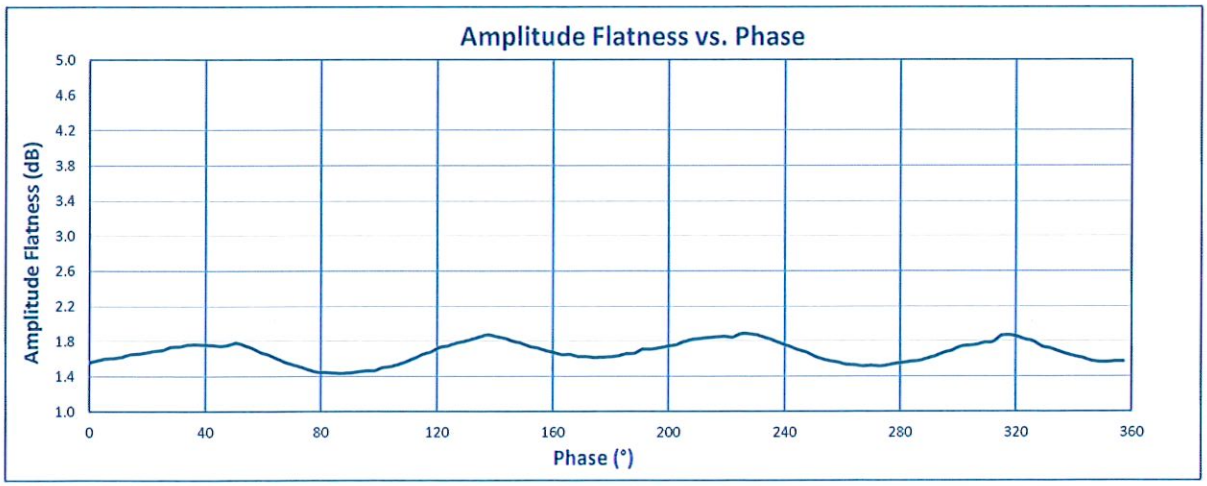

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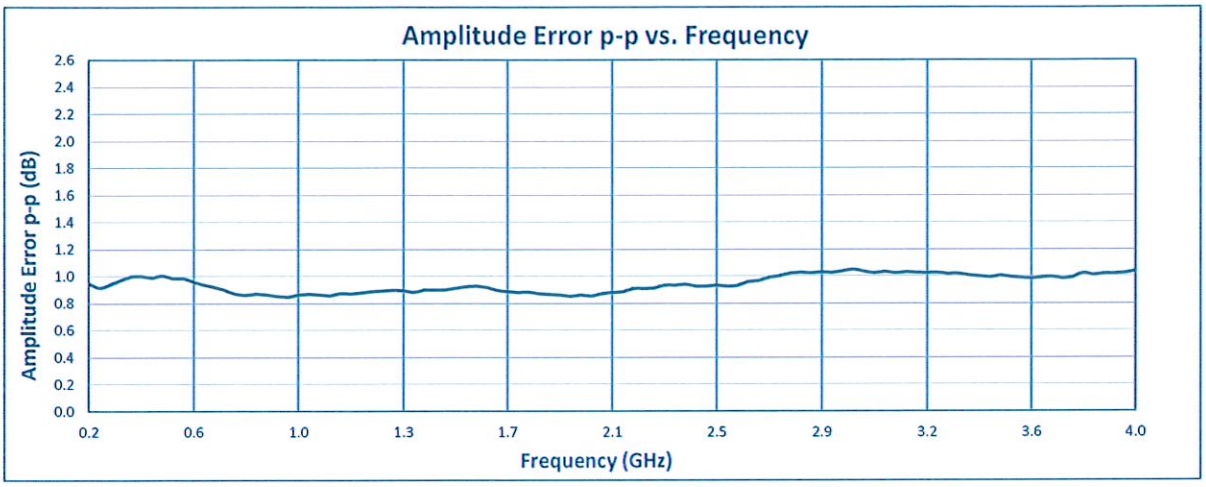

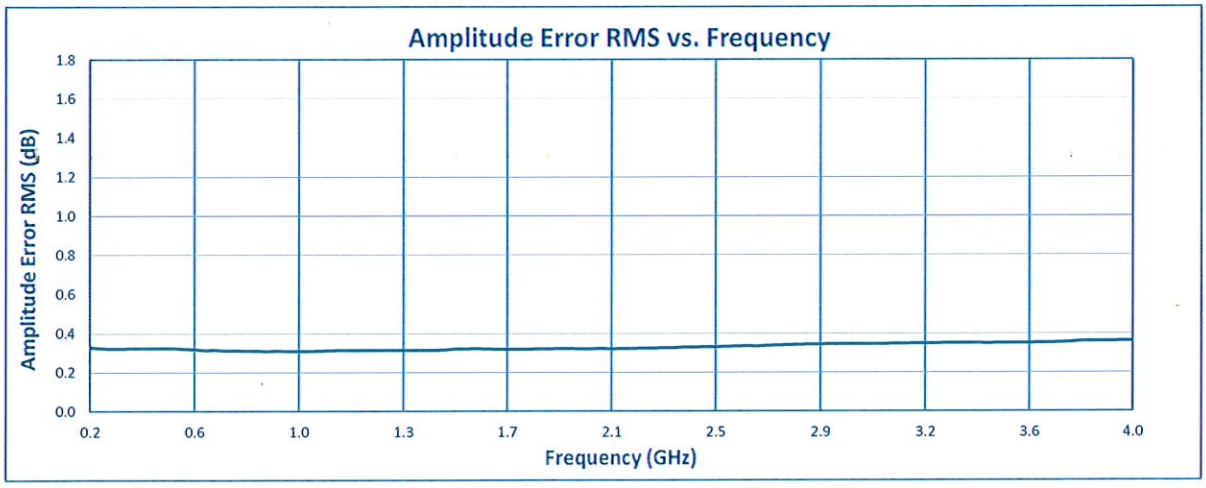

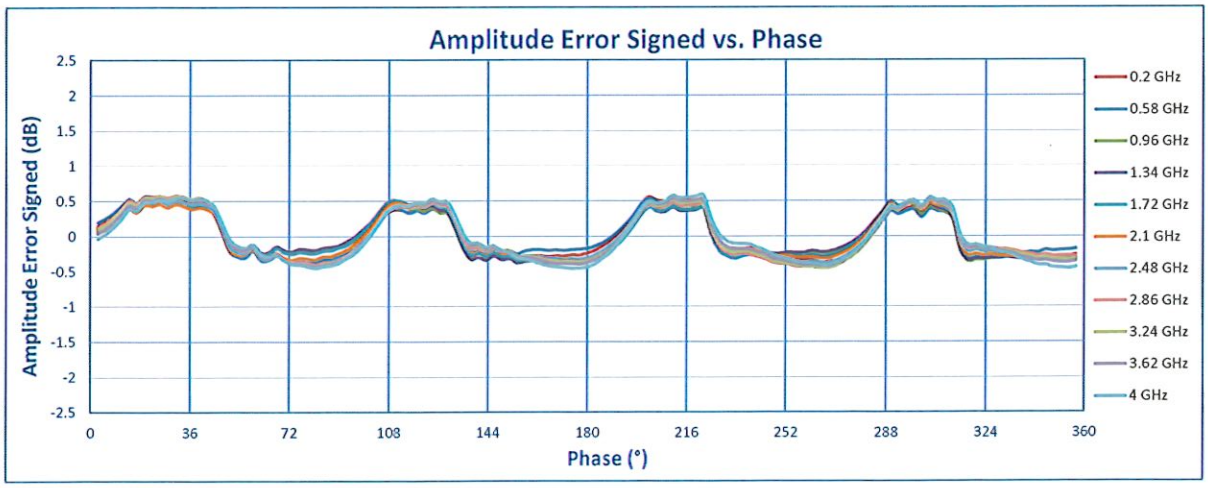

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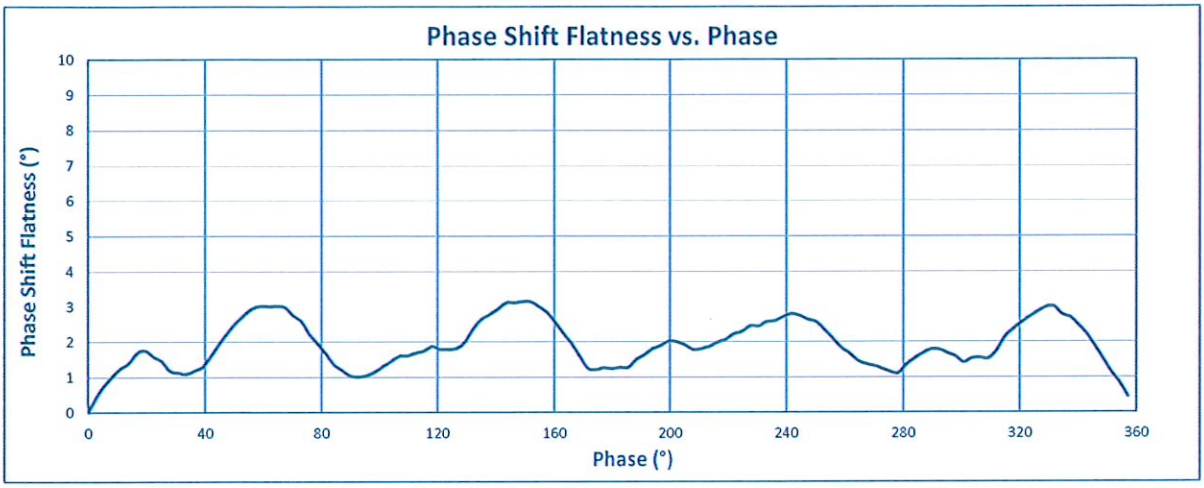

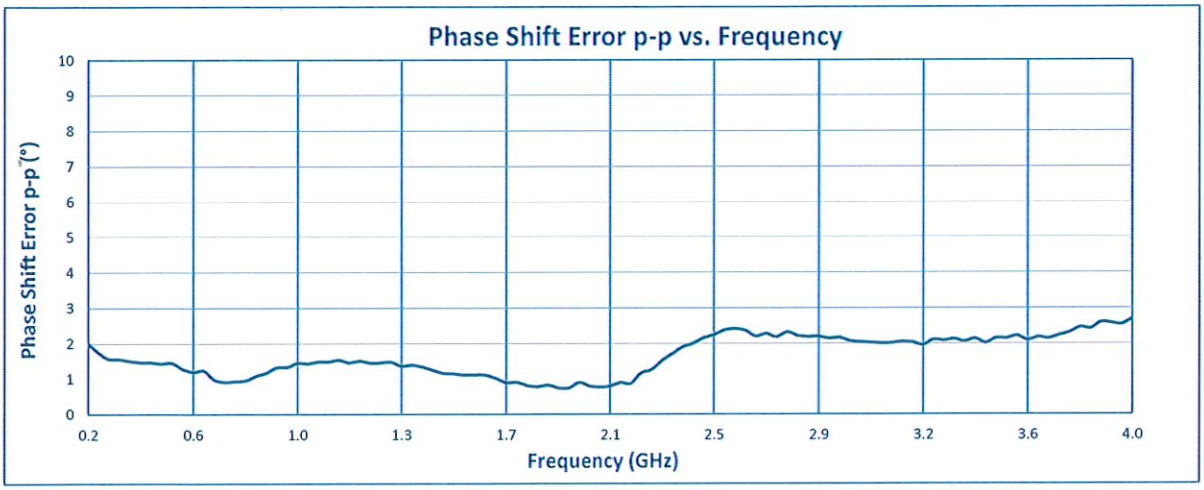

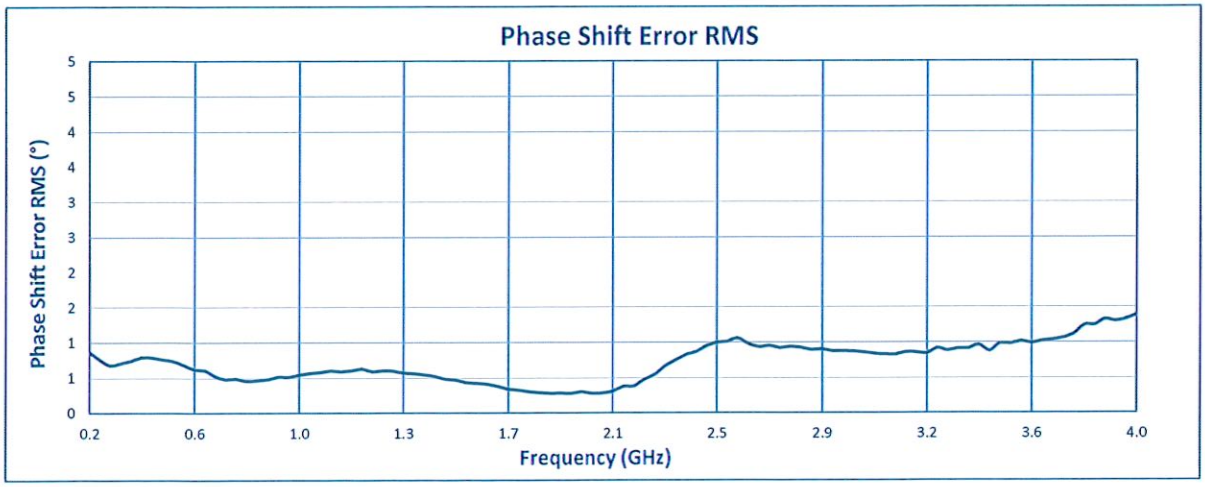

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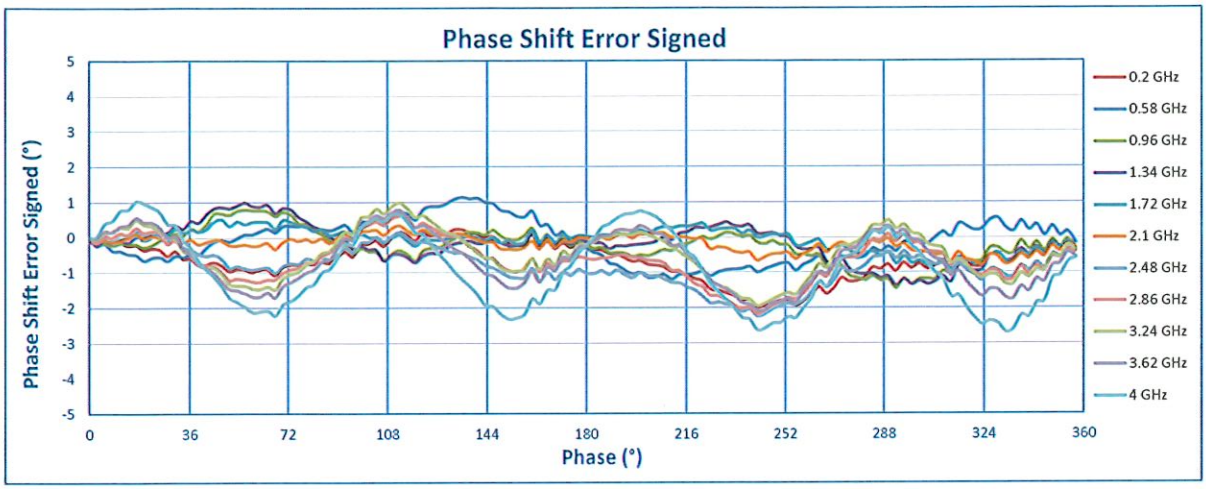

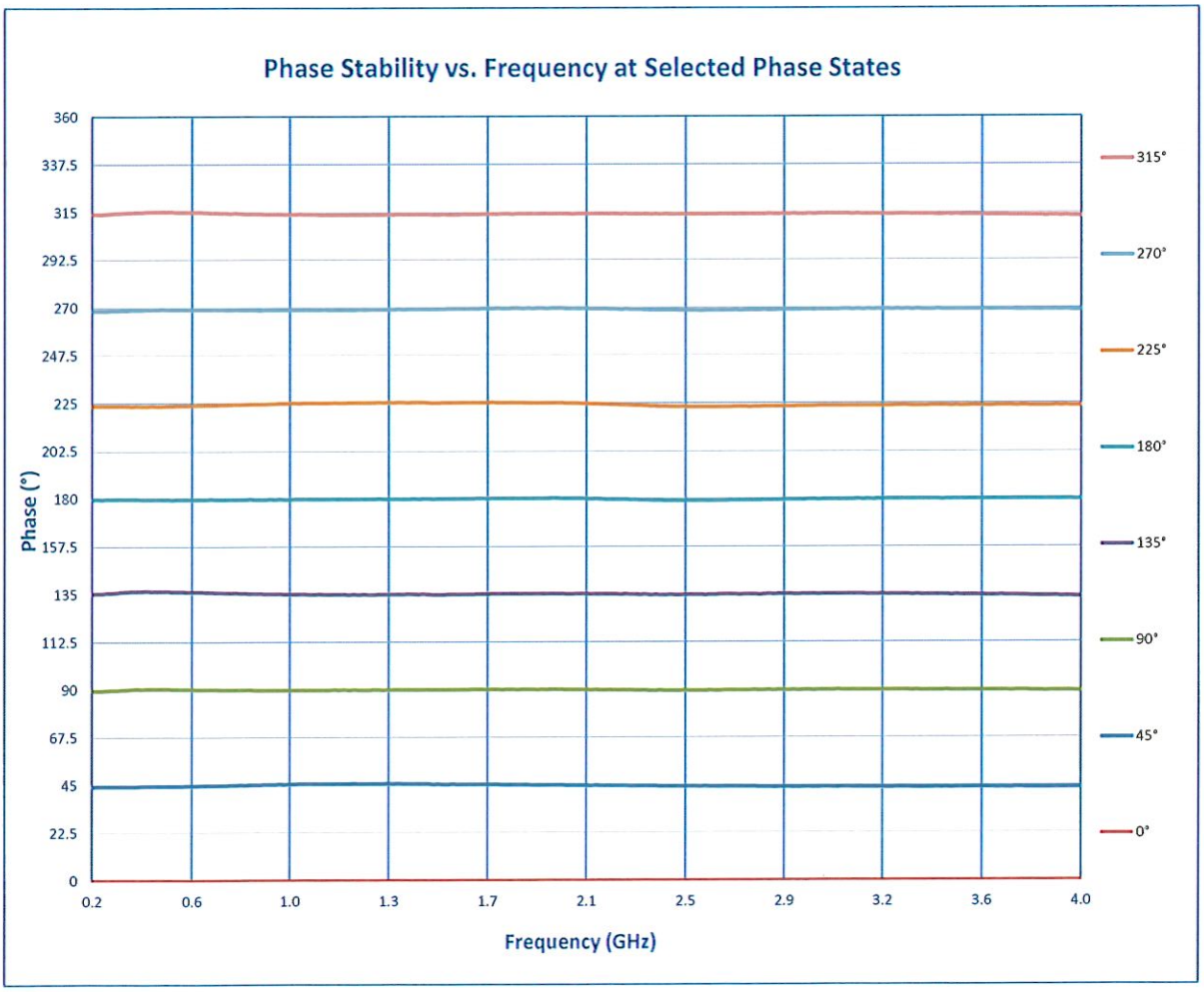

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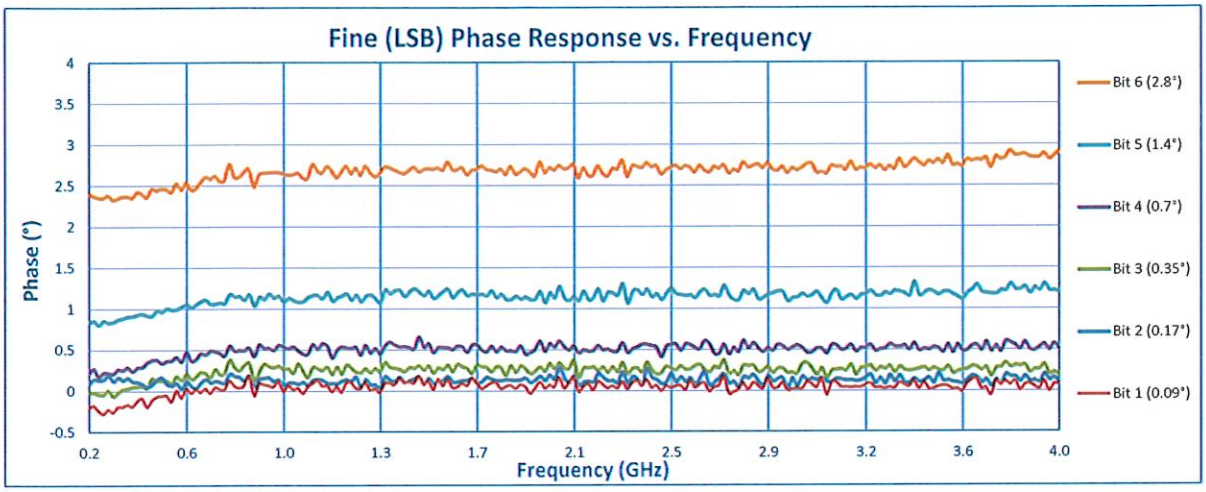

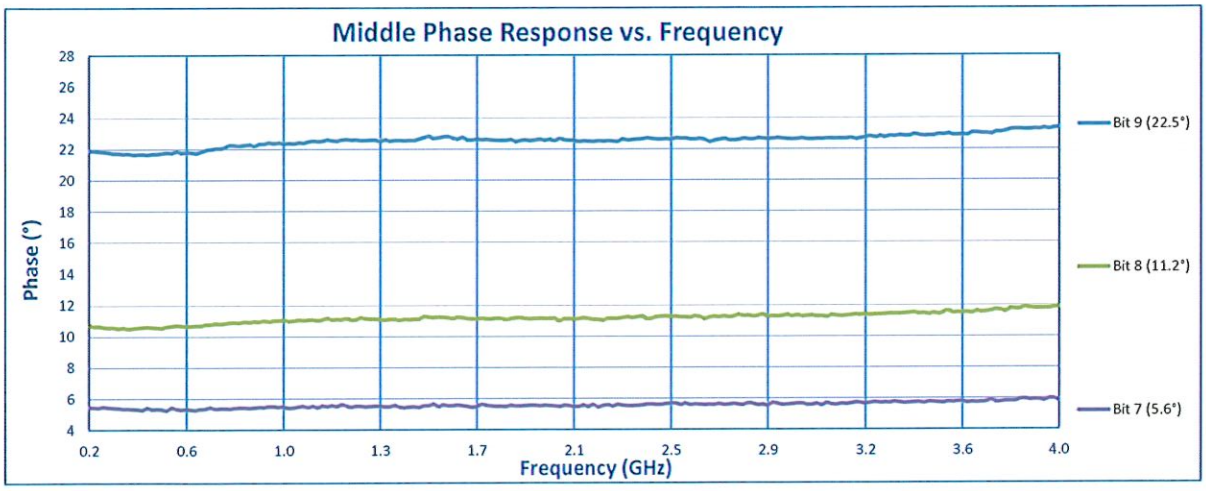

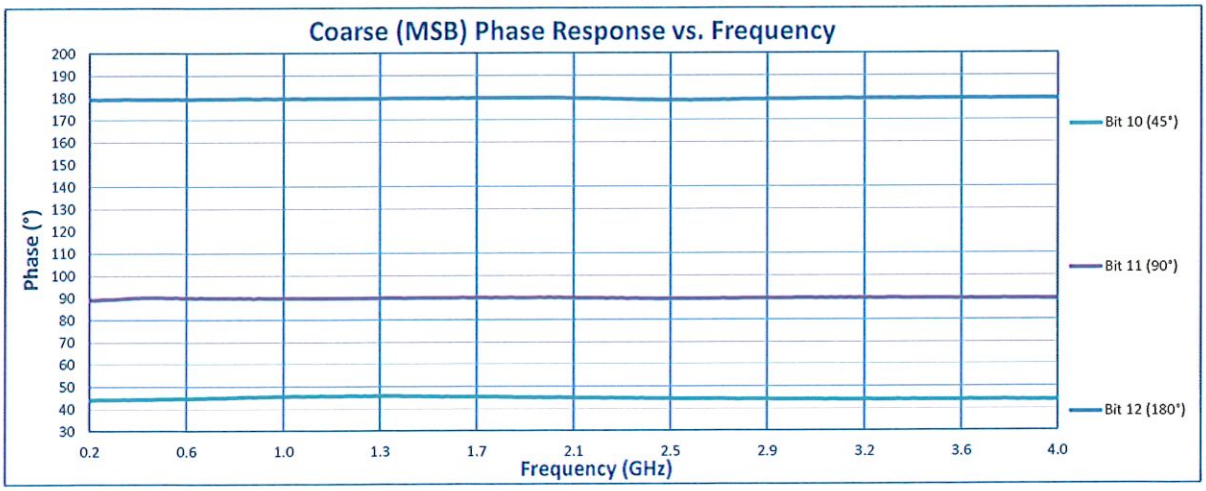

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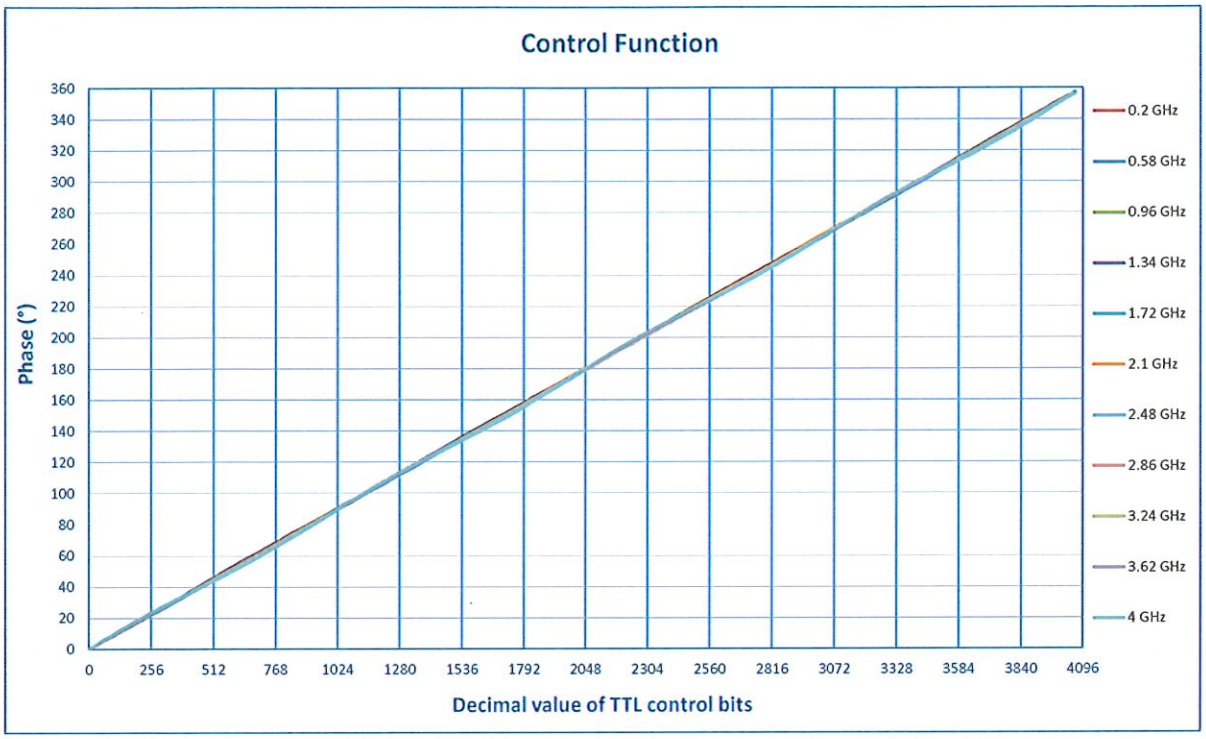

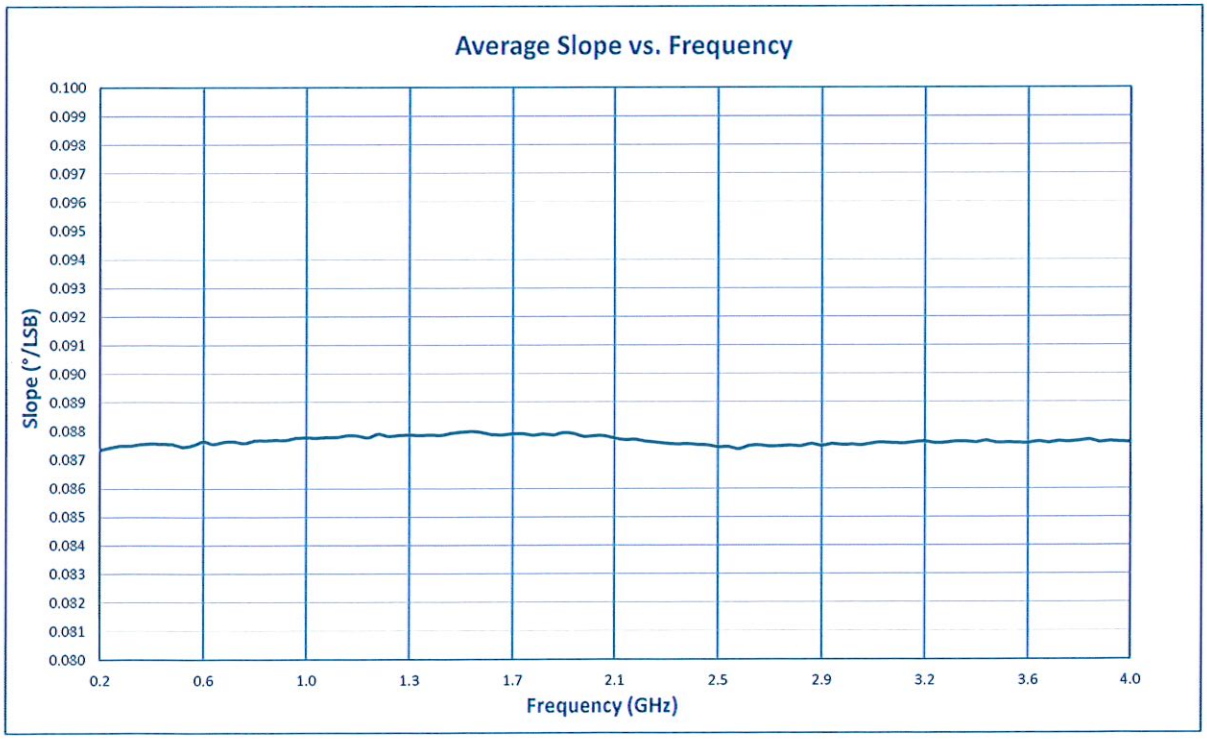

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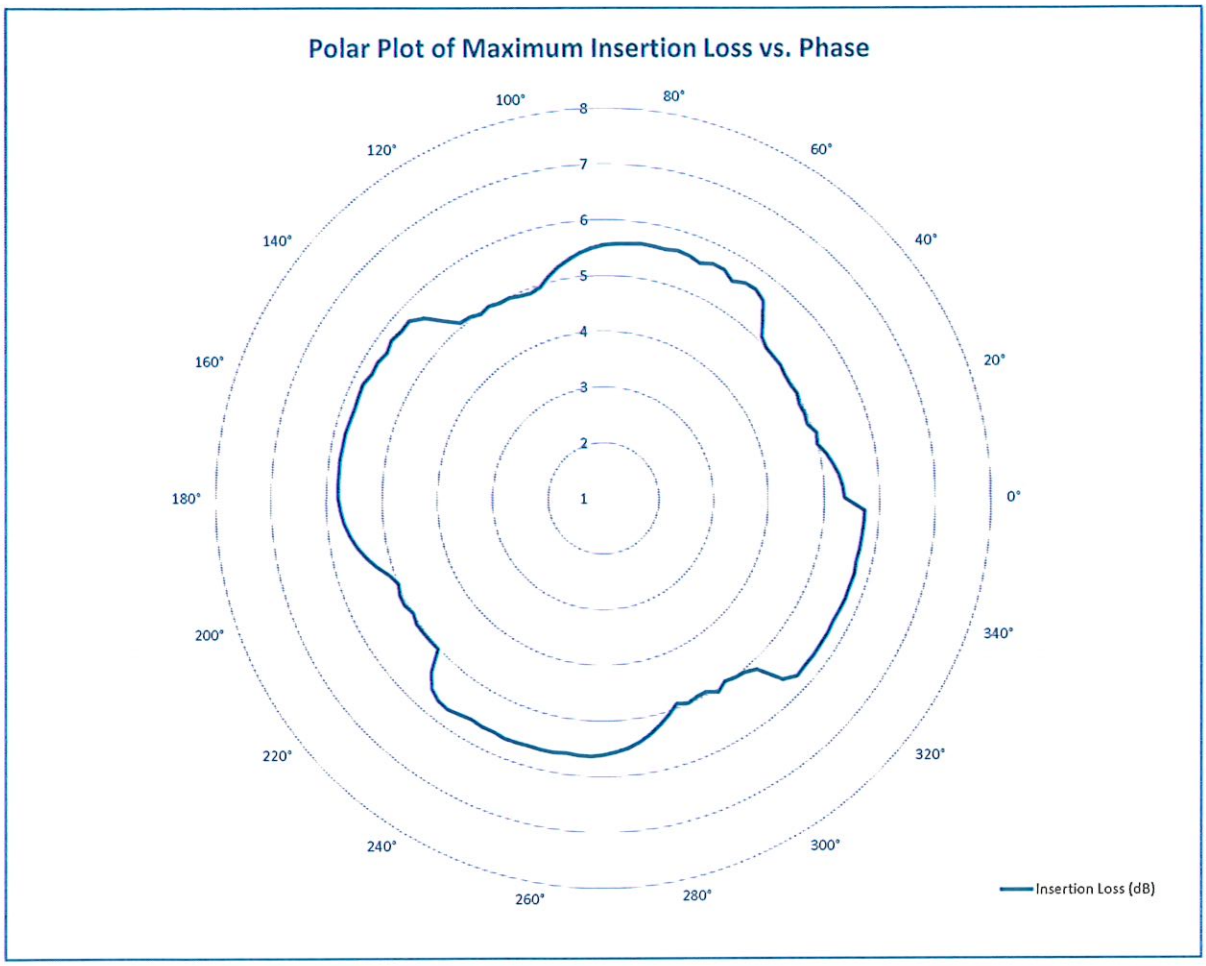

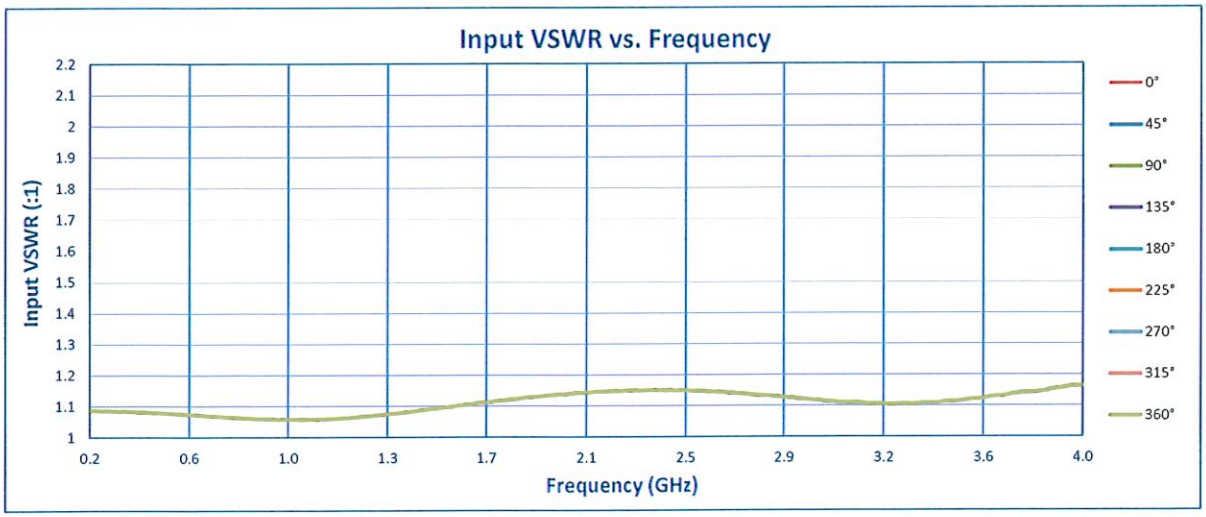

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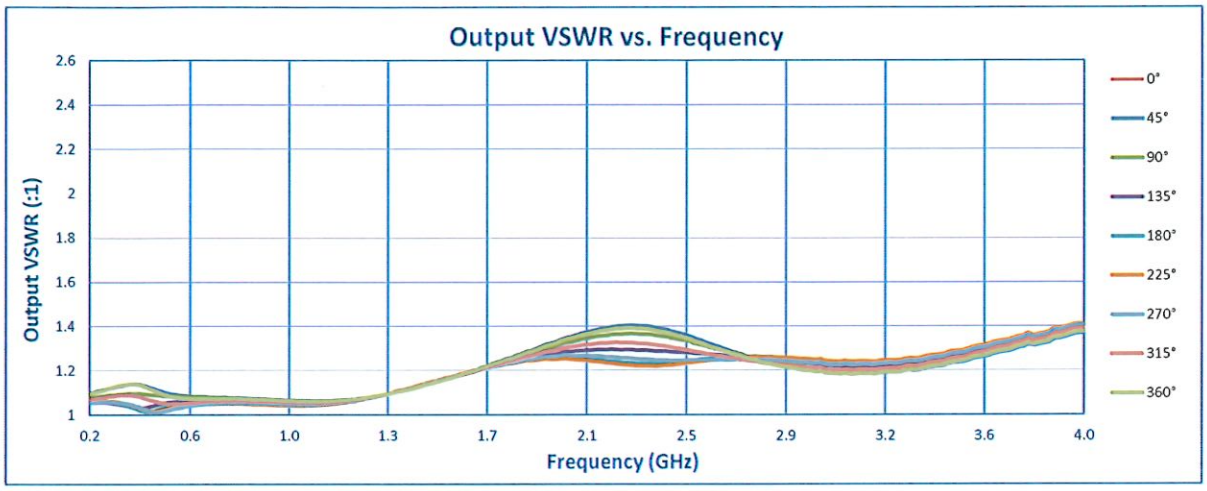

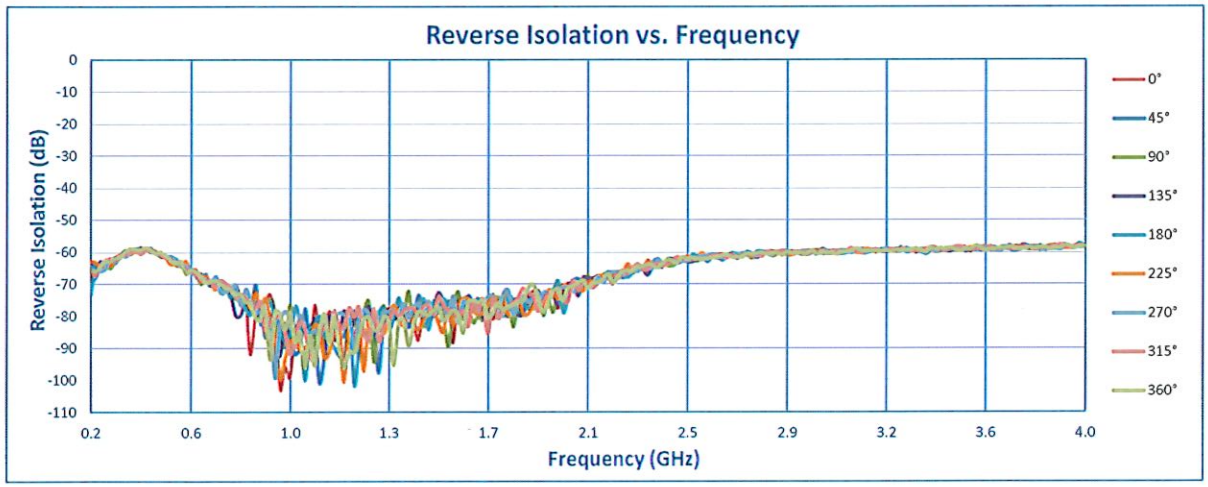

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