



**SUMMARY TEST DATA
ON
PS-85M4G-9B-SFF**

Customer: _____
 SO: _____
 Model No: PS-85M4G-9B-SFF
 Serial No: PL59523/2618

Tested By: E. Castillo
 Date: Wednesday, April 29, 2026
 Temp: +25°C
 Drawing No: 27629014 Rev: C1

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value	Measured Value	QA QC
1	Frequency Range:	85 MHz to 4 GHz	85 MHz to 4 GHz	PMI QAS
2	Control:	9 Bit TTL	9 Bit TTL	
3	Insertion Loss:	13 dB MAX.	7.51 dB See Plot	
4	Phase Shift:	360° TYP.	359.7°	
5	Amplitude Error:	±1° TYP.	±0.77° MAX. See Plot	
6	Phase Shift Error:	±10° TYP.	±3.34° MAX. See Plot	
7	Power Supply:	+15 V @ 250 mA MAX -15 V @ 50 mA MAX	+15 V @ 182 mA -15 V @ 48 mA	

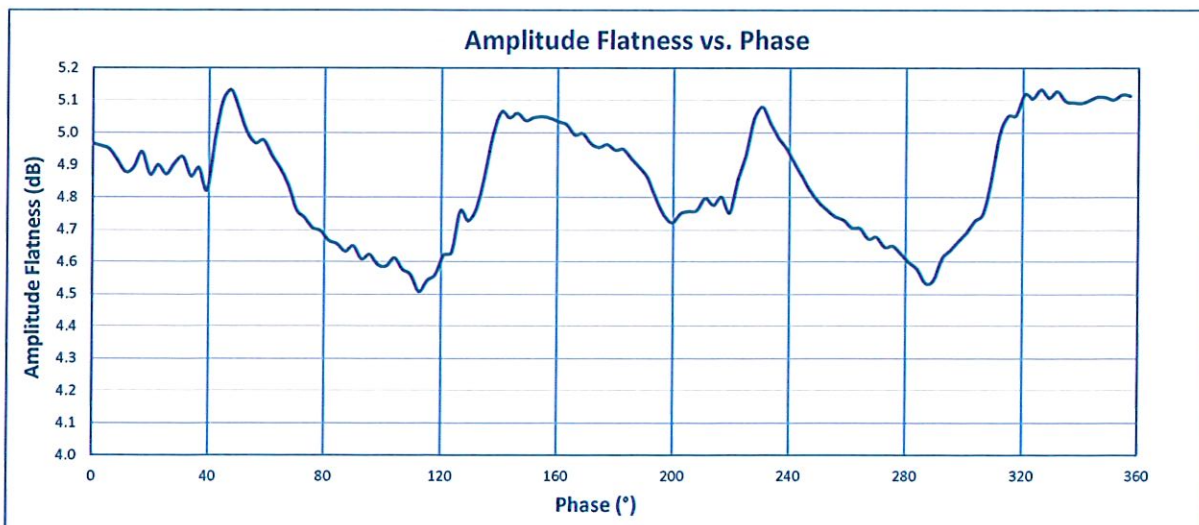
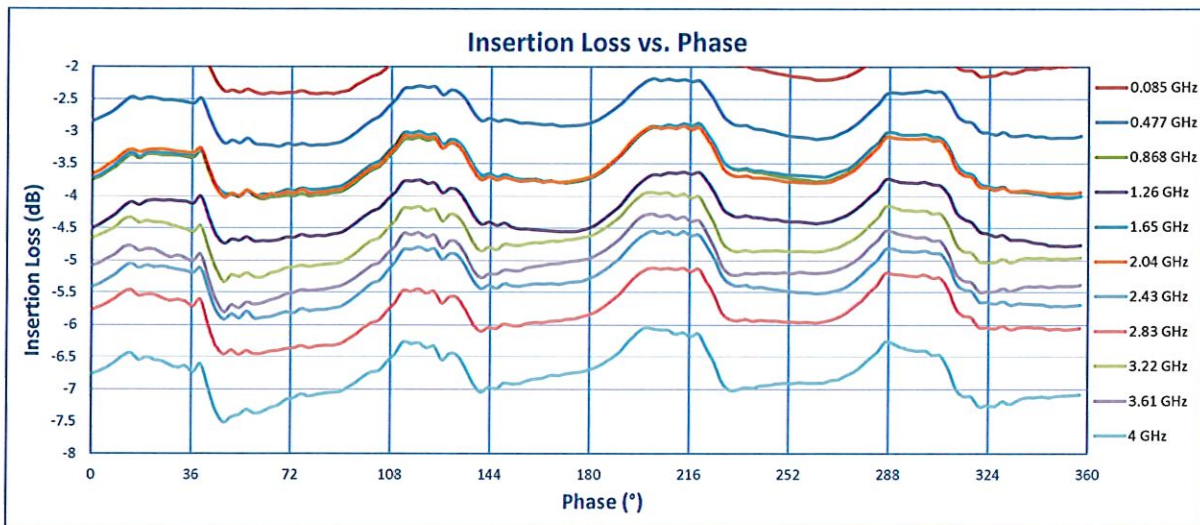
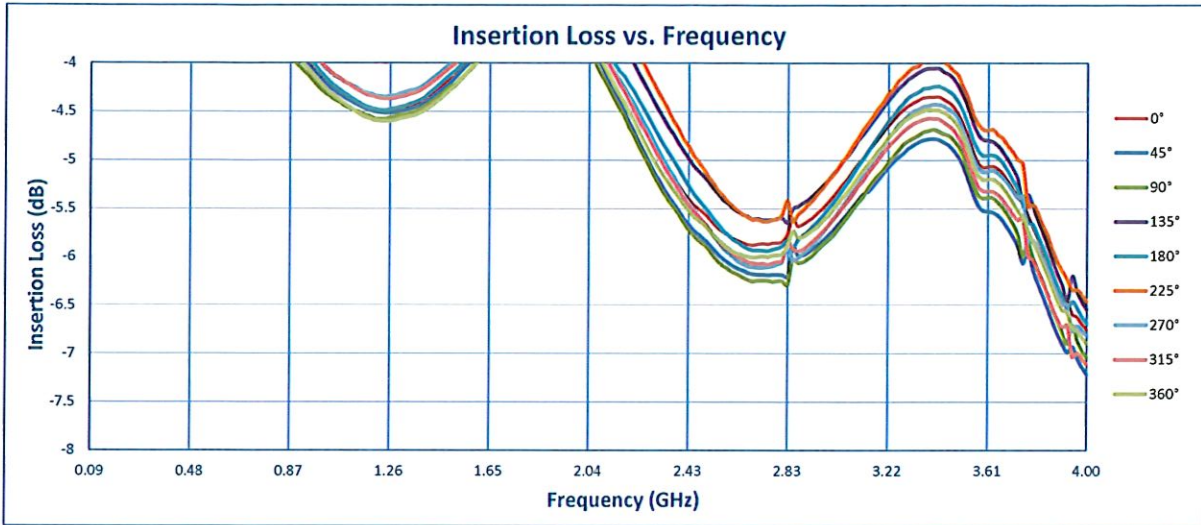
* FOR ALL OTHER SPECIFICATIONS SEE TYPICAL CHARACTERISTICS ON THE PMI WEBSITE

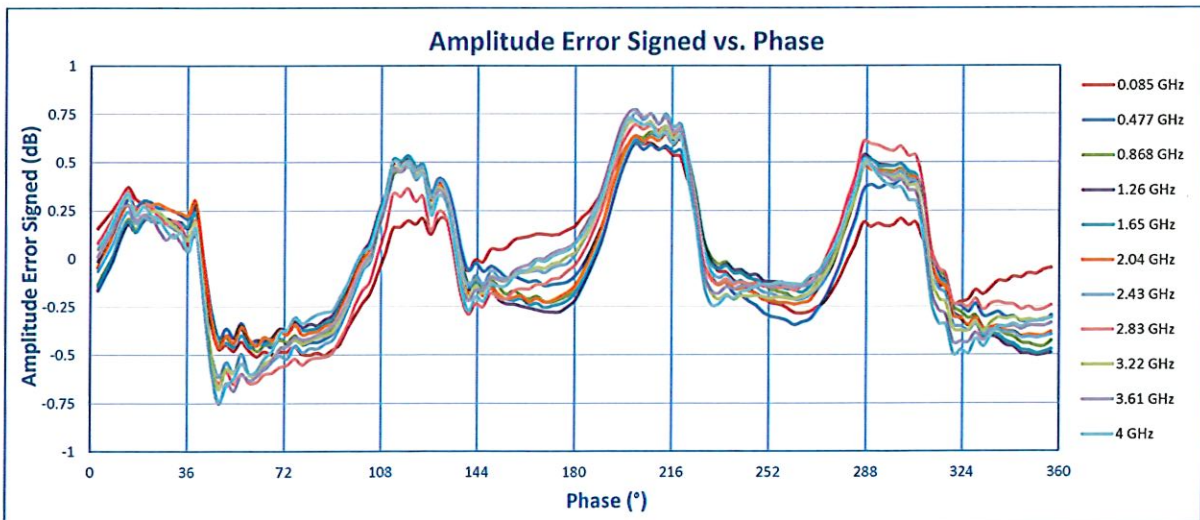
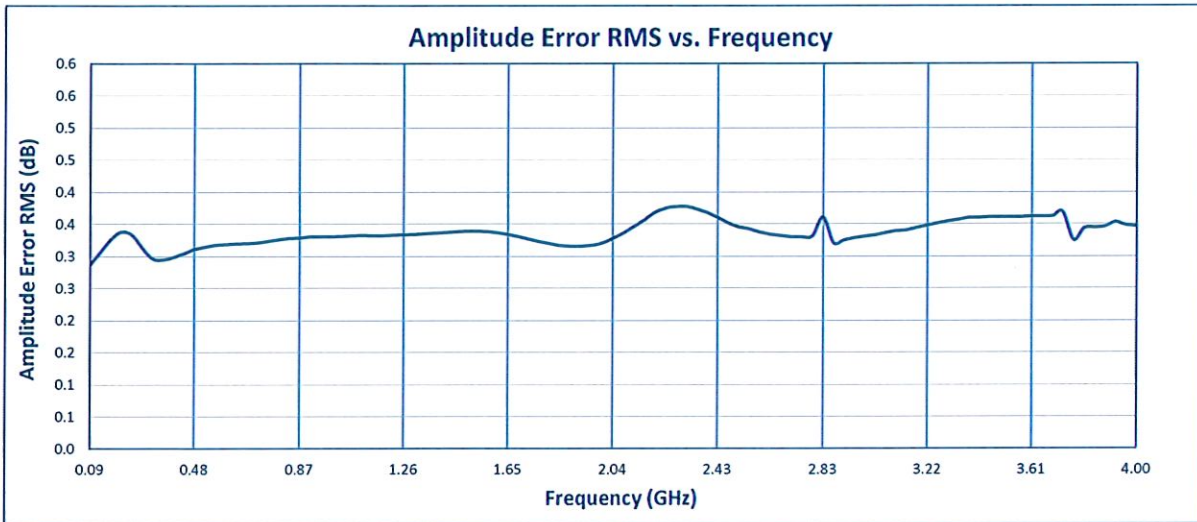
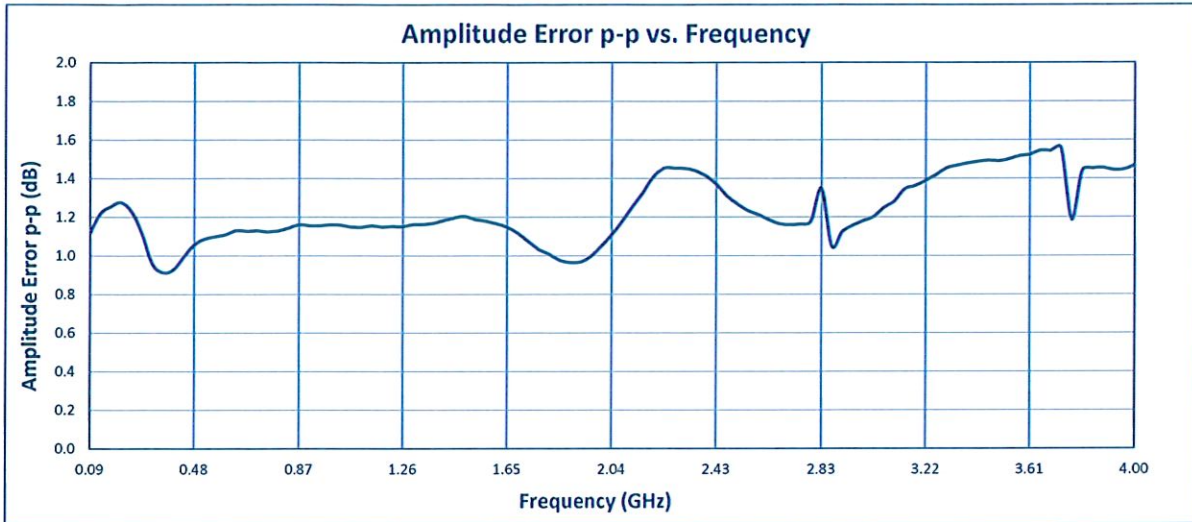
Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
0.70	0.74	-0.04	0.33
1.41	1.48	-0.07	0.37
2.81	2.96	-0.15	0.41
5.63	5.68	-0.05	0.67
11.25	10.97	0.28	0.87
22.50	22.28	0.22	1.25
45.00	45.05	-0.05	1.89
90.00	90.10	-0.10	1.51
180.00	180.37	-0.37	2.94

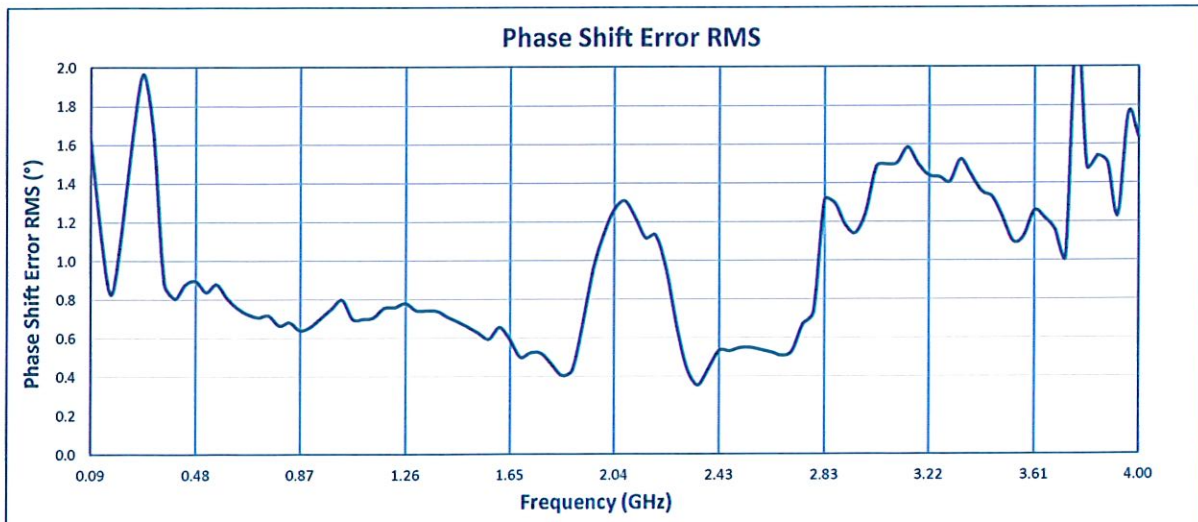
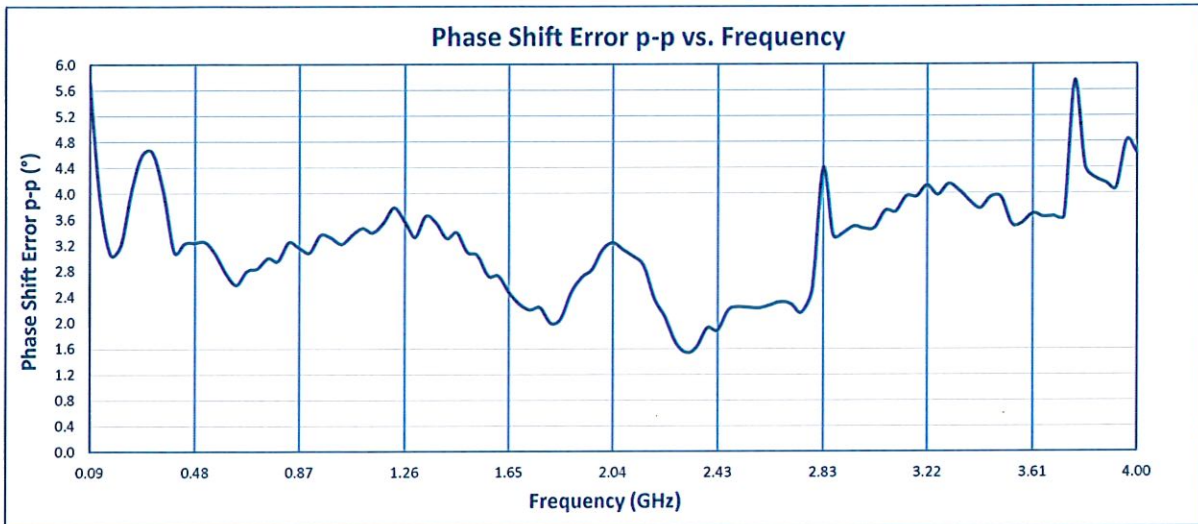
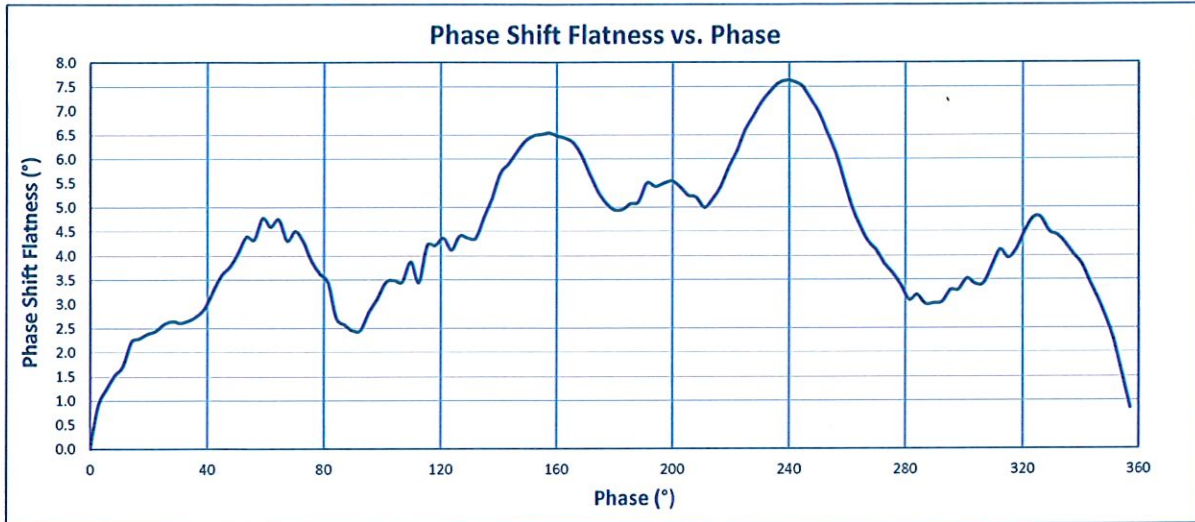
Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.42	0.33	2.66
67.50	67.62	-0.12	4.31
101.25	101.55	-0.30	3.45
135.00	135.74	-0.74	4.78
168.75	169.47	-0.72	6.07
202.50	203.12	-0.62	5.43
236.25	236.55	-0.30	7.57
270.00	270.49	-0.49	4.11
303.75	303.96	-0.21	3.41
337.50	337.58	-0.08	4.01

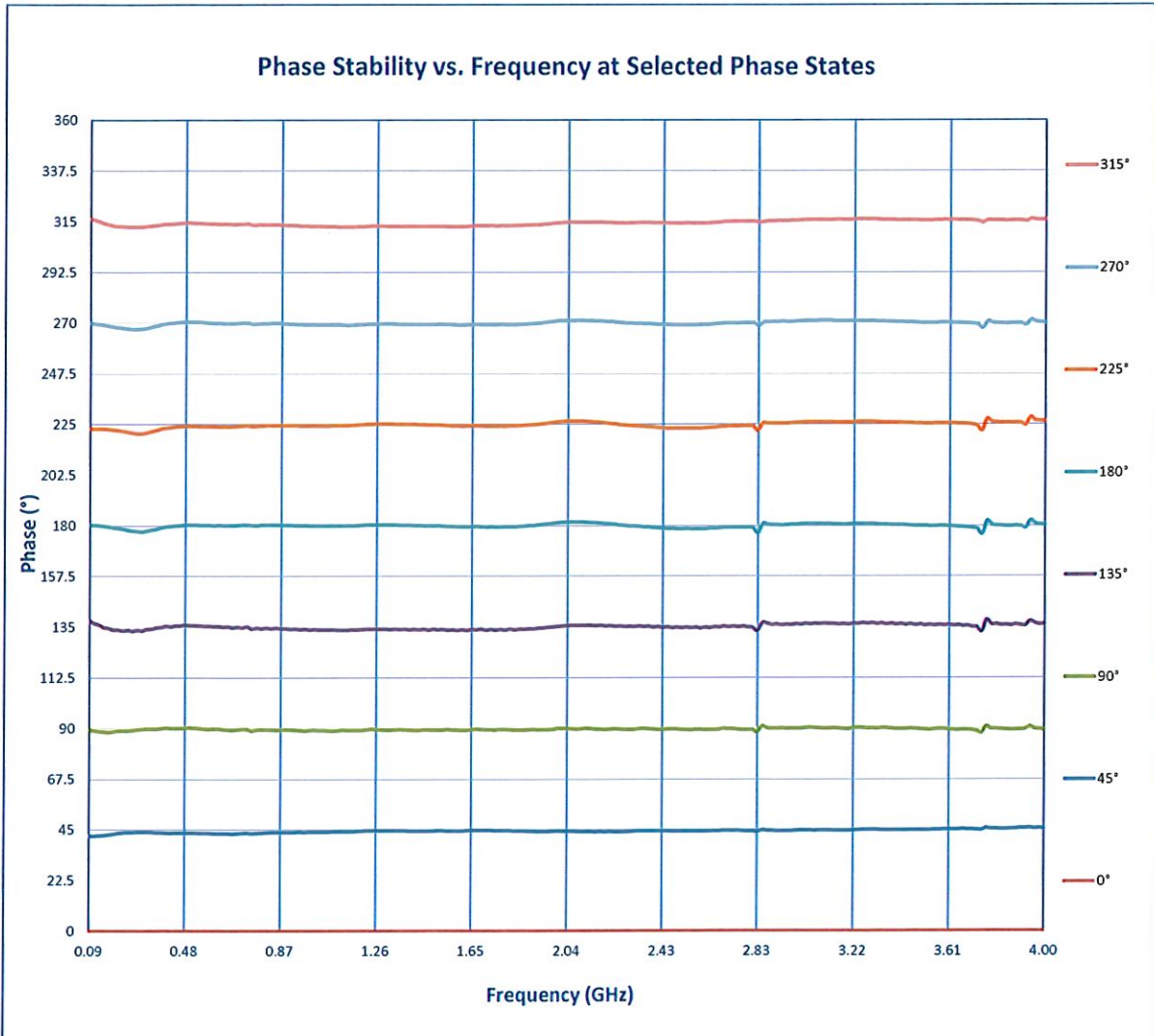
QA/QC Approval: *Jordan [Signature]*

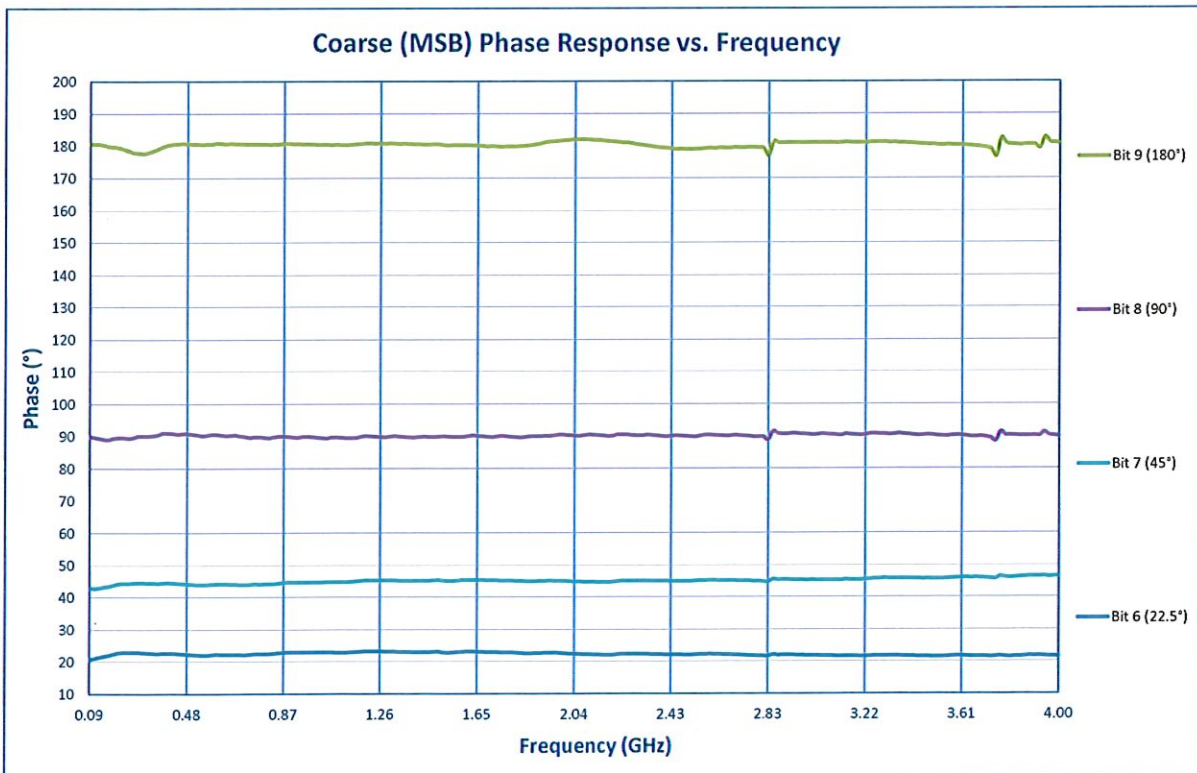
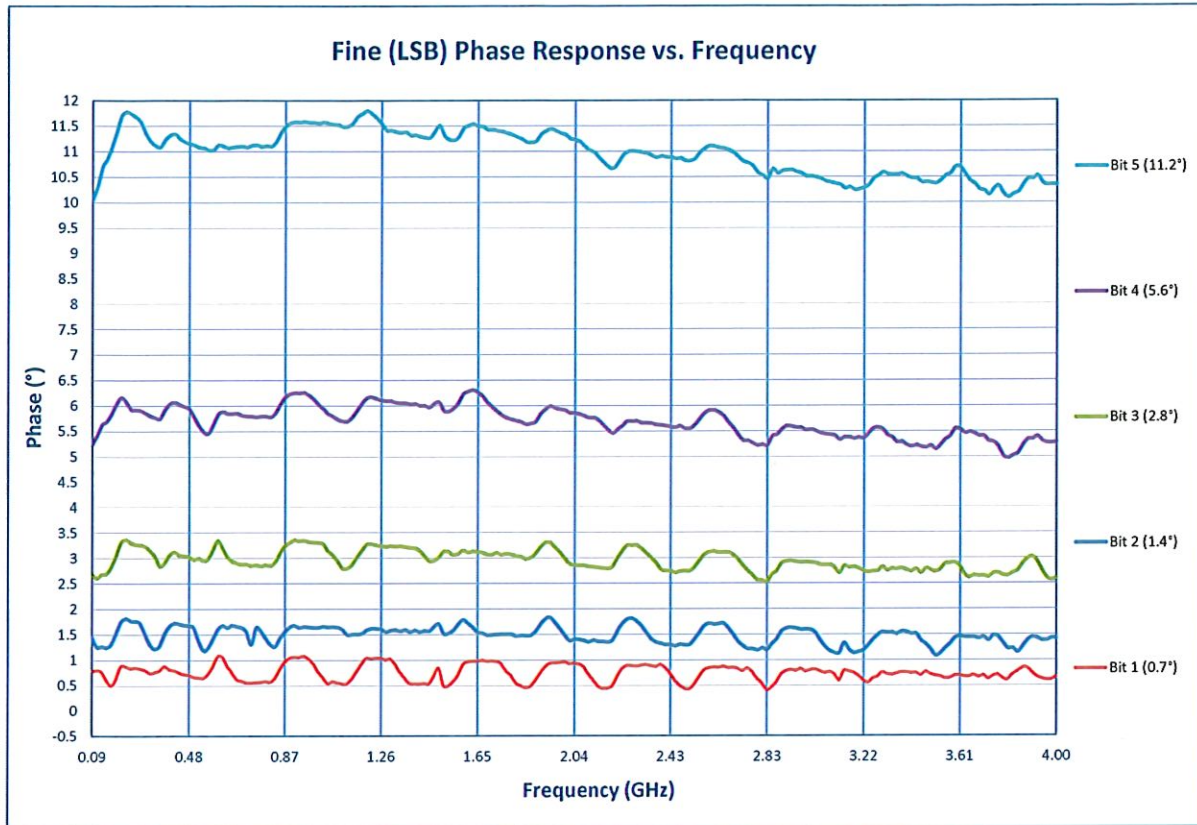
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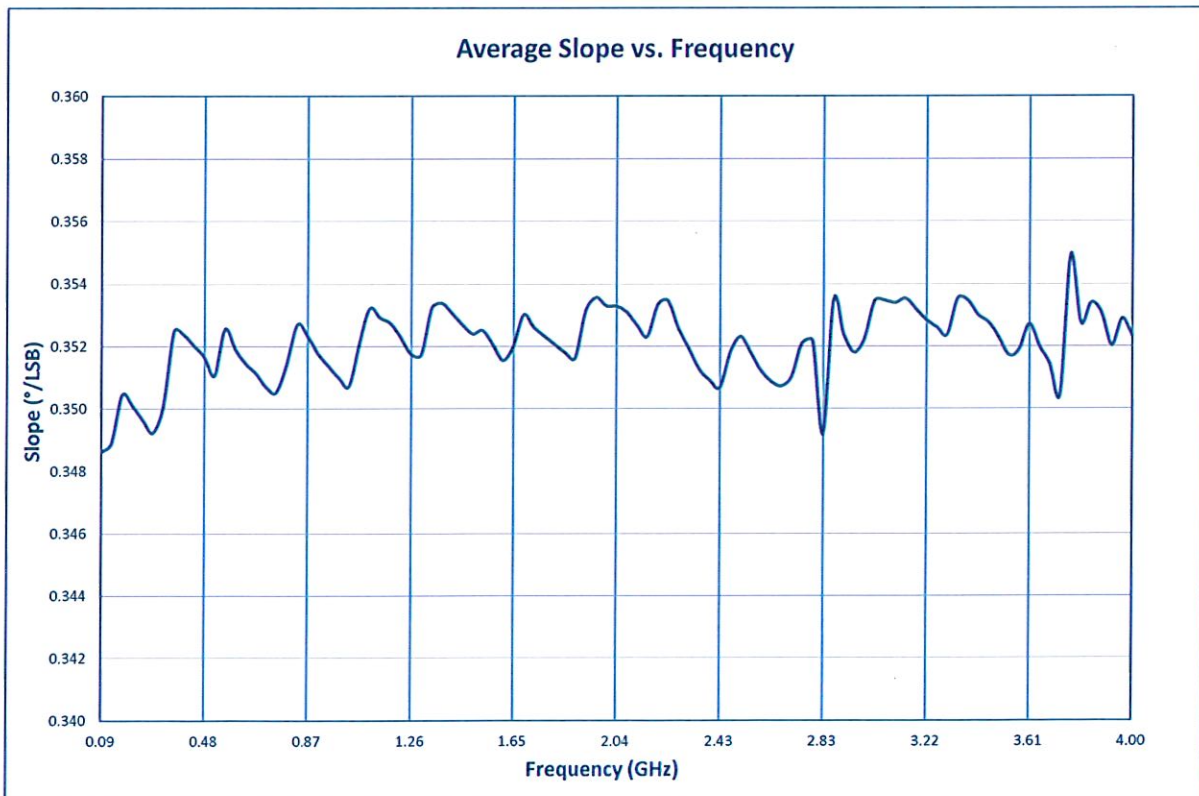
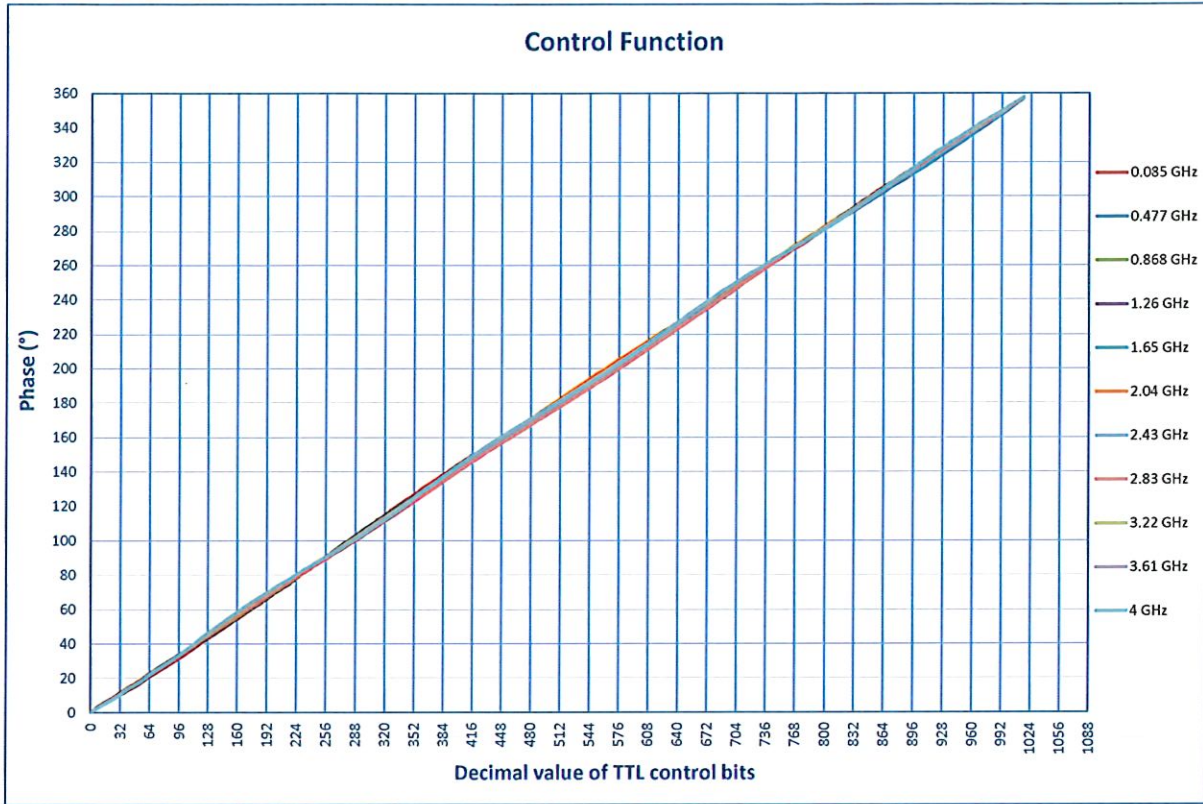












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