SUMMARY TEST DATA
ON
PS-3R5G6R5GG-10B-SFF

Customer:
SO No:
Model No: PS-3R5G6R5GG-10B-SFF
Serial No: PL23158/1831

Tested By: K. Mansfield
Temp: +25°C
Date: Friday, August 10, 2018
Drawing No: 27634800 Rev: A1

Data Taken at -10 dBm Input Power

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	3.5 to 6.5 GHz	3.5 to 6.5 GHz	PMI QA 1
2	Control:	10 Bit TTL	Pass	
3	Insertion Loss:	10 dB Typ. 11 dB Max.	10.4 dB See Plot	
4	VSWR:	1.6:1 Max.	1.5:1 J1 1.53:1 J2 See Plot	
5	Phase Accuracy:	±1.5° Max.	+0.81° -0.57° See Plot	
6	Phase Flatness:	±10°Max.	±3.8 dB See Plot	
7	Phase Shift:	360°	360° See Plot	
8	Power Supply	+15 V @ 200 mA Max. -15 V @ 50 mA Max.	+15 V @ 188 mA -15 V @ 21 mA	PMI QA 1

Programed Phase Shift	Phase Shift	Accuracy of Phase Shift	Flatness
DEG	DEG	DEG	±DEG
1.41	1.32	0.09	0.07
2.81	2.68	0.13	0.12
5.63	5.43	0.20	0.23
11.25	11.40	-0.15	0.45
22.50	22.95	-0.45	0.87
45.00	45.48	-0.48	1.71
90.00	90.11	-0.11	3.70
180.00	179.66	0.34	3.37
360.00	359.98	0.02	0.03

Programed Phase Shift	Phase Shift	Accuracy of Phase Shift	Flatness
DEG	DEG	DEG	±DEG
33.75	34.25	-0.50	1.23
67.50	67.63	-0.13	2.82
101.25	101.62	-0.37	3.85
135.00	135.32	-0.32	3.07
168.75	168.39	0.36	3.32
202.50	202.24	0.26	3.65
236.25	235.97	0.28	3.60
270.00	269.66	0.34	3.08
303.75	303.55	0.20	2.13
337.50	337.12	0.38	1.00

QA/QC Approval: PMI QA 1 Date: 8/11/18

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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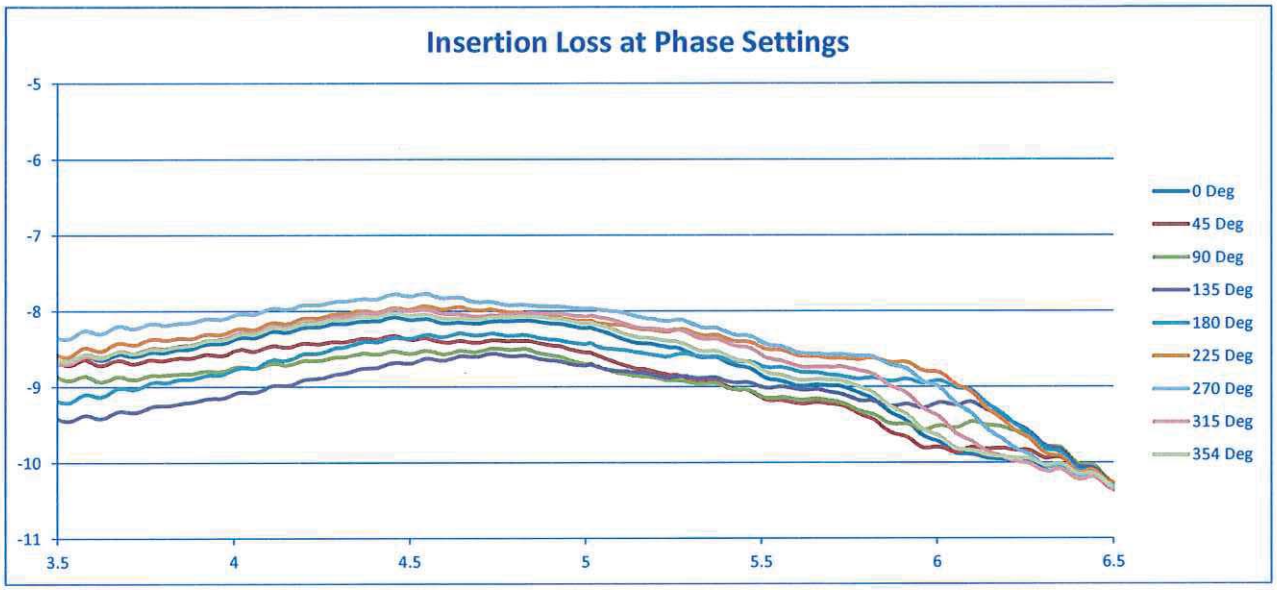

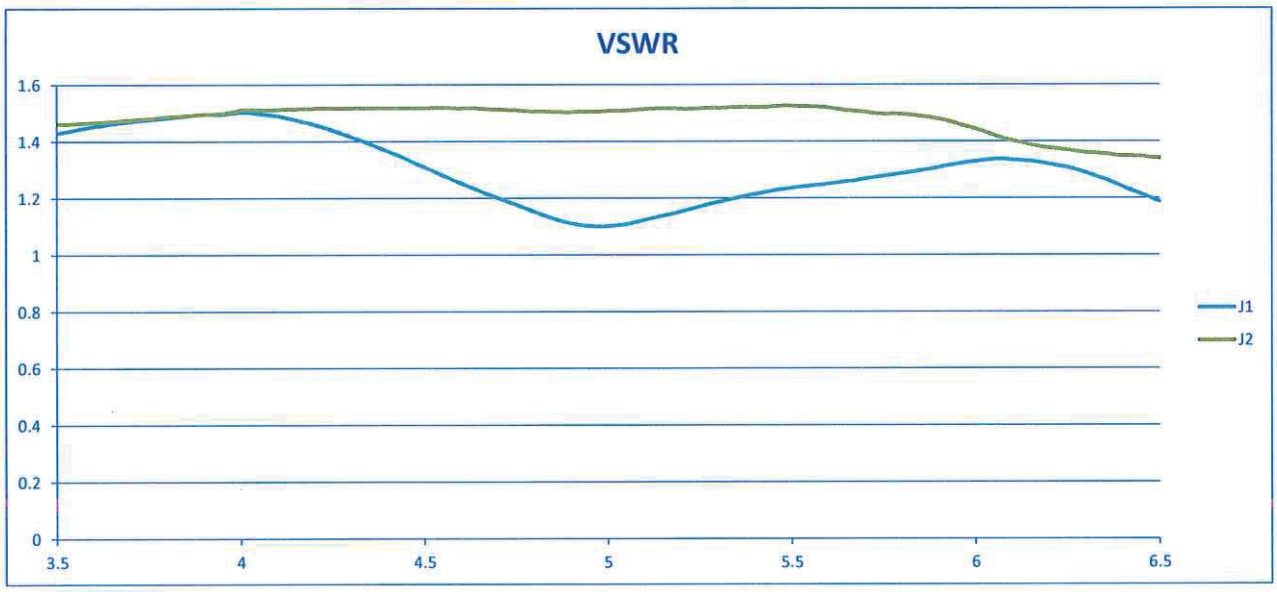

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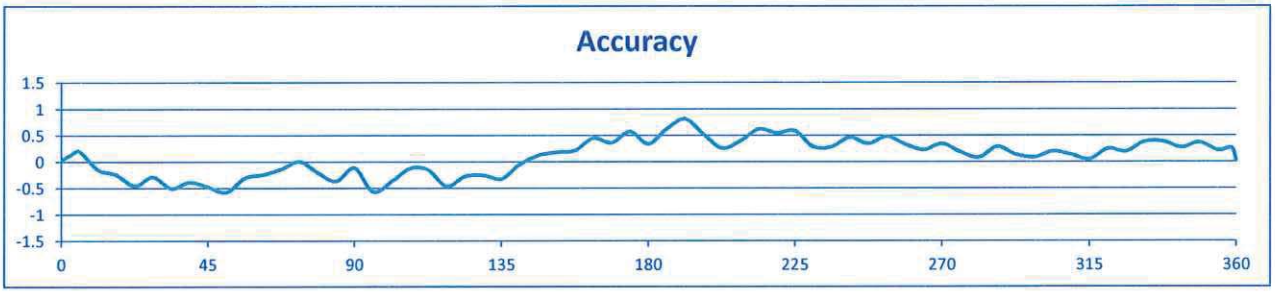

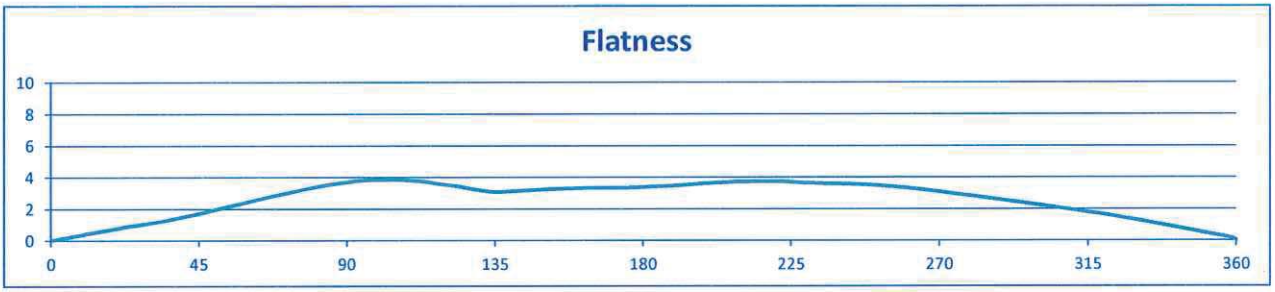

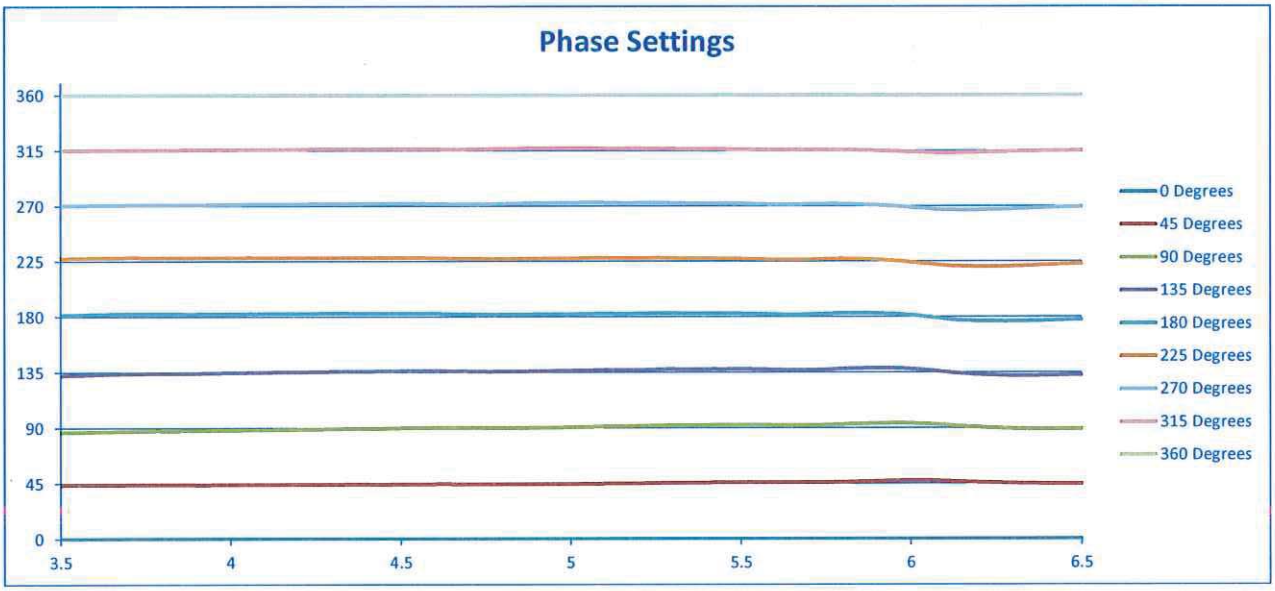

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