

Calibrated at 1.25 GHz

Customer: _____
SO: _____
Model No: _____
Serial No: _____

Tested By: _____
Date: MM/DD/YY _____
Temp: +25°C _____
Drawing No: _____ Rev: _____

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value @+25C°	Measured Value	QA QC
1	Frequency Range:	0.1 to 20 GHz	0.1 to 20 GHz	
2	Control:	10 BIT TTL	10 BIT TTL	
3	Insertion Loss:		8.23 dB MAX. See Plot	
4	Phase Shift:	360°	360.13° AVG.	
5	Amplitude Error:		±1.13 dB MAX. See Plot	
6	Phase Shift Error:		±7.37° MAX. See Plot	
7	VSWR Input/Output:		Input: 2.25:1 MAX. Output: 2.65:1 MAX.	
8	Spurious:		-68 dBc	
9	Switching Speed:		80 ns	
10	Power Supply:		+15 V @ 230 mA -15 V @ 45 mA	

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
0.35	0.37	0.02	0.11
0.70	0.74	0.04	0.17
1.41	1.48	0.07	0.25
2.81	2.70	-0.11	0.44
5.63	5.68	0.05	0.82
11.25	11.25	0.00	1.47
22.50	22.49	-0.01	2.17
45.00	43.13	-1.87	1.84
90.00	89.00	-1.00	2.25
180.00	178.87	-1.13	4.74

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	32.90	-0.85	4.06
67.50	65.37	-2.13	4.83
101.25	100.81	-0.44	4.66
135.00	133.27	-1.73	6.42
168.75	167.27	-1.48	7.42
202.50	202.02	-0.48	11.50
236.25	235.19	-1.06	8.01
270.00	270.83	0.83	5.95
303.75	304.54	0.79	4.72
337.50	337.18	-0.32	5.85

QA/QC Approval: _____

Date: _____















