



SUMMARY TEST DATA ON SC00066-06 REV C

Customer: _____
SO No: _____
Model No: SC00066-06 REV C
Serial No: PL21155/1723
Part No: _____

Tested By: K. Mansfield
Temperature: 25 Degrees C
Date: 7/5/2020
Drawing No: 27609928 REV: B1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	0.1 to 20.25 GHz	0.1 to 20.25 GHz	
2	Gain:	19.5 dB Min. 23.5 dB Max.	+20.3 dB Min. +21.6 dB Max. See Plot	
3	Gain Flatness:	±0.5 dB Max. (Over any 500 MHz span over Full Band)	0.44 dB See Plot	
4	Noise Figure:	6.0 dB Max. (0.1 to 19 GHz) 6.5 dB Max. (19 to 20.25 GHz)	5.6 dB (0.1 to 19 GHz) 3.4 dB (19 to 20.25 GHz) See Plot	
5	Max Input Power:	+20 dBm (Without Damage)	+20 dBm	
6	VSWR: (Input/Output)	Input: 2.5:1 Max. Output: 2.0:1 Max.	Input: 2.4:1 Output: 1.6:1 See Plot	
7	Output IP3:	+24 dBm Min.	≥24 dBm See Typical Characteristics	
8	OP1dB:	+14 dBm Min.	≥14 dBm See Typical Characteristics	
9	Reverse Isolation:	30 dB Min.	-66 dB See Plot	
10	DC Supply:	+15 VDC ±5% @ 275 mA Max.	+15 VDC @ 158 mA	

QA/QC Approval: _____

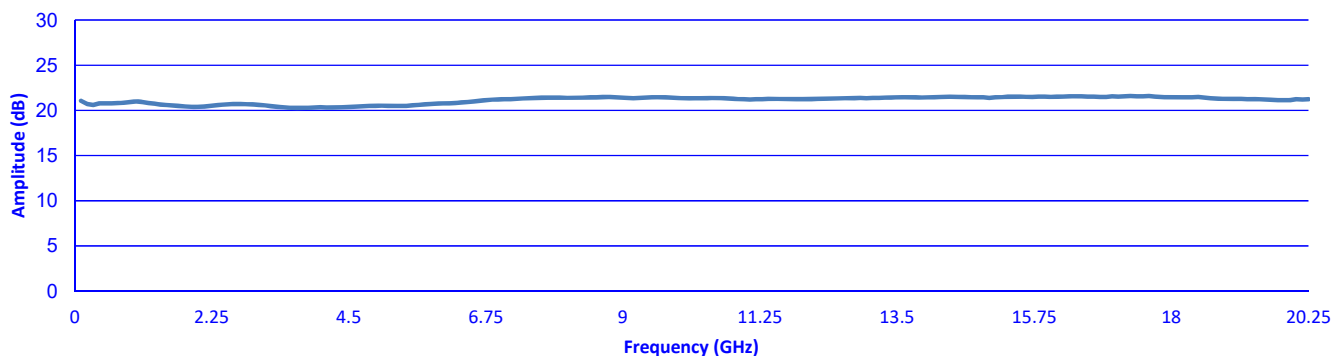
Date: _____



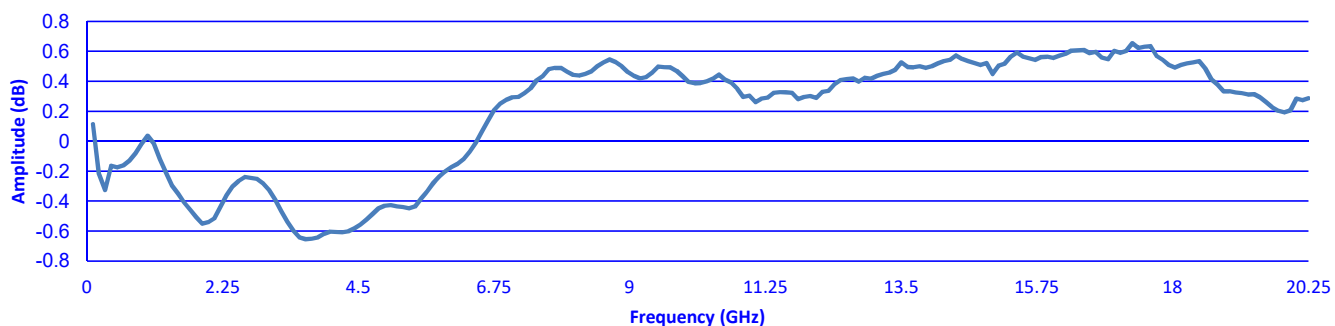
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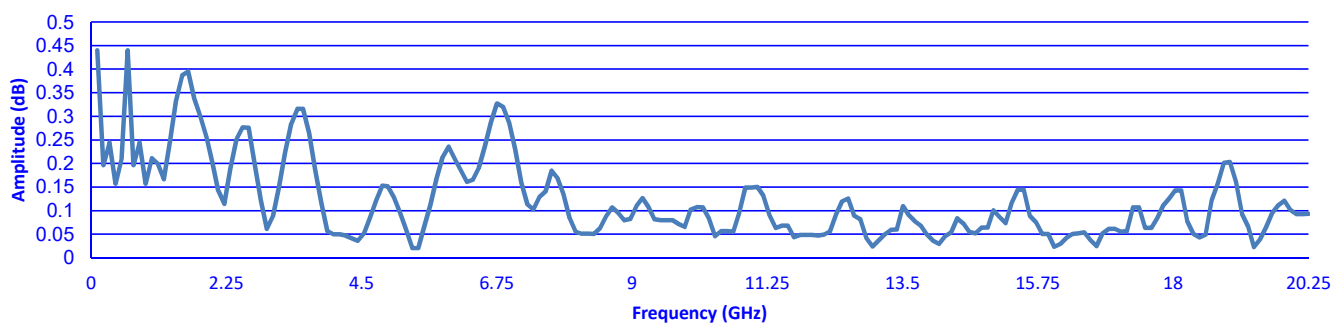
Gain



Gain Flatness Full Band



Gain Flatness any 500 MHz Span

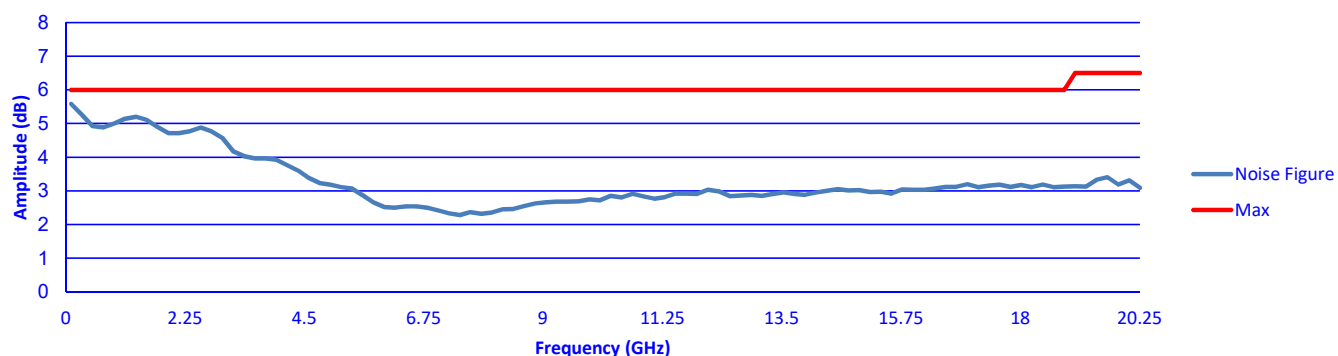




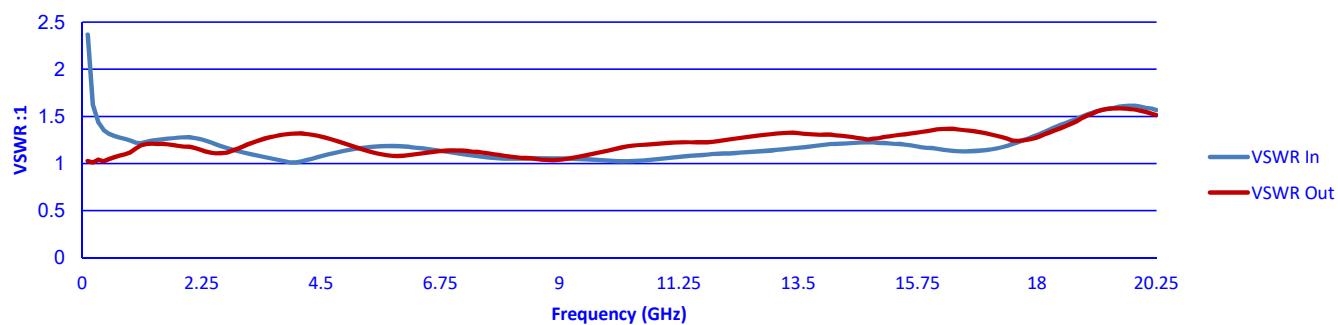
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Noise Figure



VSWR



Reverse Isolation

