SUMMARY TEST DATA
ON
6SFB-1G20G-LP-AMP-SFF-MS

Customer: [redacted]
SO No: [redacted]
Model No: 6SFB-1G20G-LP-AMP-SFF-MS
Serial No: PL31940/2114

Tested By: Collin Ertter
Temperature: +25°C
Date: 8/11/2021
Drawing No: 27637000 **Rev:** B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	1 TO 20 GHz	1 TO 20 GHz	PMI QA1
2	Gain:	20 dB Minimum, 25 dB Typical	21.5 dB See Plots	
3	VSWR:	2.0:1 Maximum	1.3:1 Input 1.9:1 Output See Plots	
4	Rejection:	50 dBc Typical	Filter 1: 67 dBc Filter 2: 58 dBc Filter 3: 66 dBc Filter 4: 64 dBc Filter 5: 56 dBc	
5	Output 2ND Harmonic:	45dBc @ 0dBm Output Power (Filter passband must be selected for maximum harmonic attenuation. Thru path 2nd harmonic value 15dBc Typical)	45dBc @ 0dBm See Typical Characteristics	
6	Switching Speed:	200 ns Typical (From 50% TTL TO 90%/10% RF)	<100 ns See Typical Characteristics	
7	Power Handling:	+15 dBm Maximum	Pass See Typical Characteristics	
8	Output P1dB:	+10 dBm Minimum	+18.1 dBm See Plots	
9	Logic Input:	TTL Compatible 3 Bits Decoded TTL High = 2 V Minimum TTL LOW = 0.8 V Maximum	PASS	
10	Power Supply:	+15 VDC @ 800 mA Maximum -15 VDC @ 100 mA Maximum	+15 VDC @ 560 mA -15 VDC @ 70 mA	PMI QA1

QA/QC Approval: PMI QA1 Date: 8/17/21

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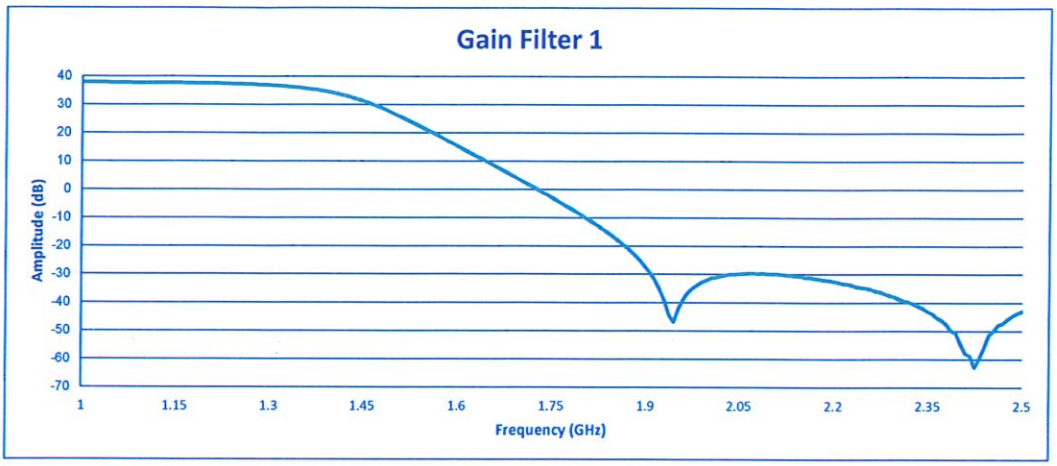

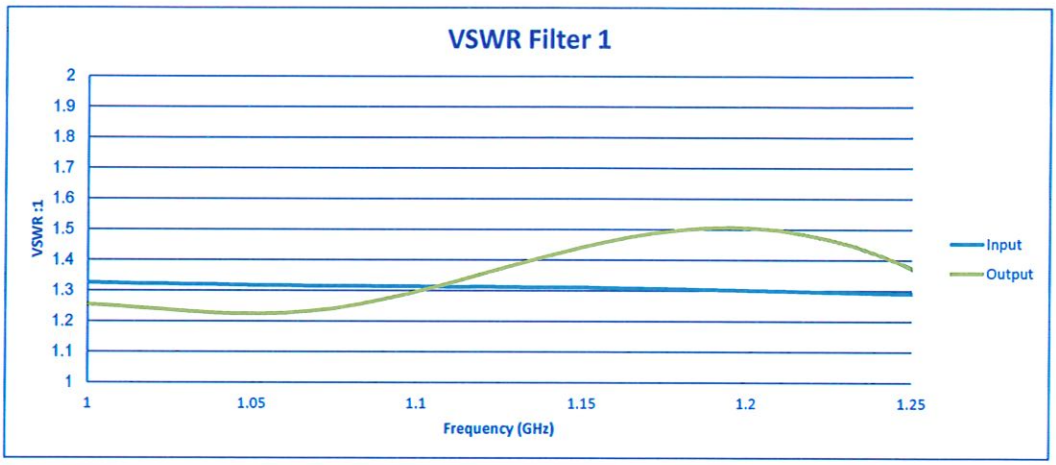

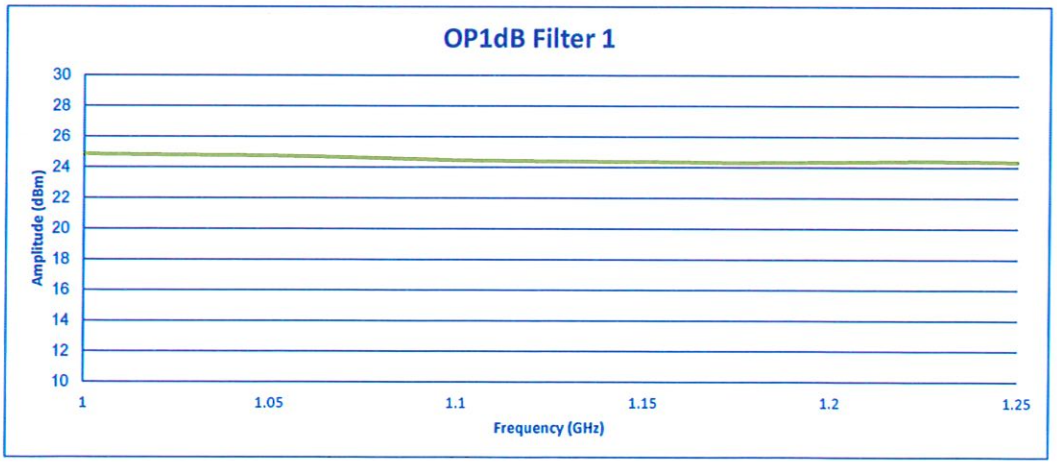

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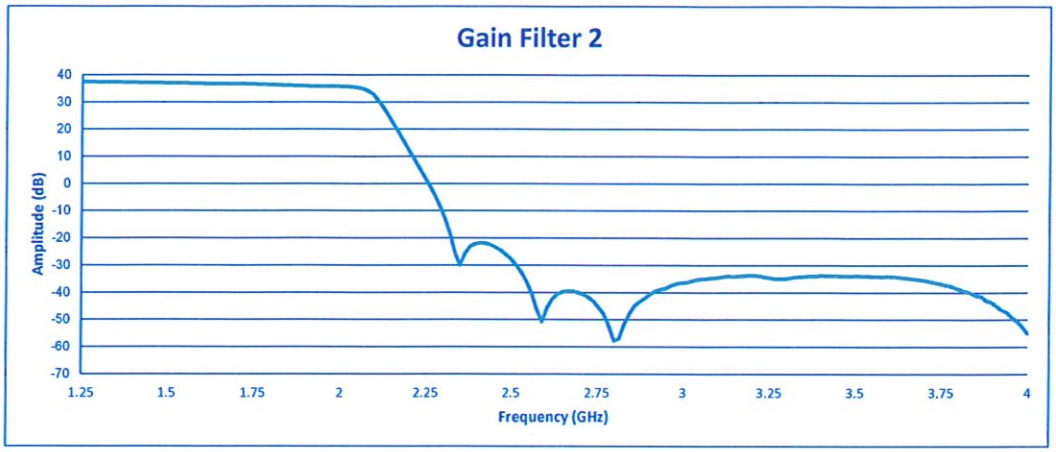

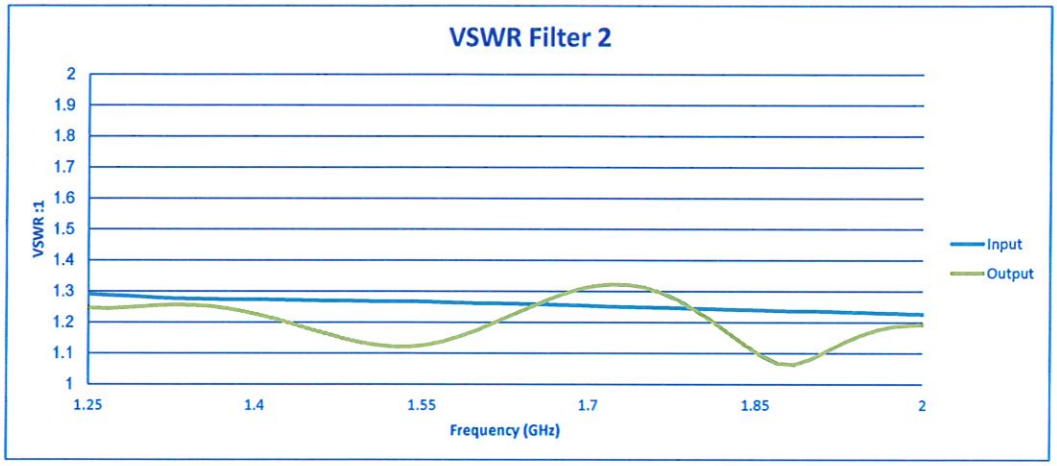

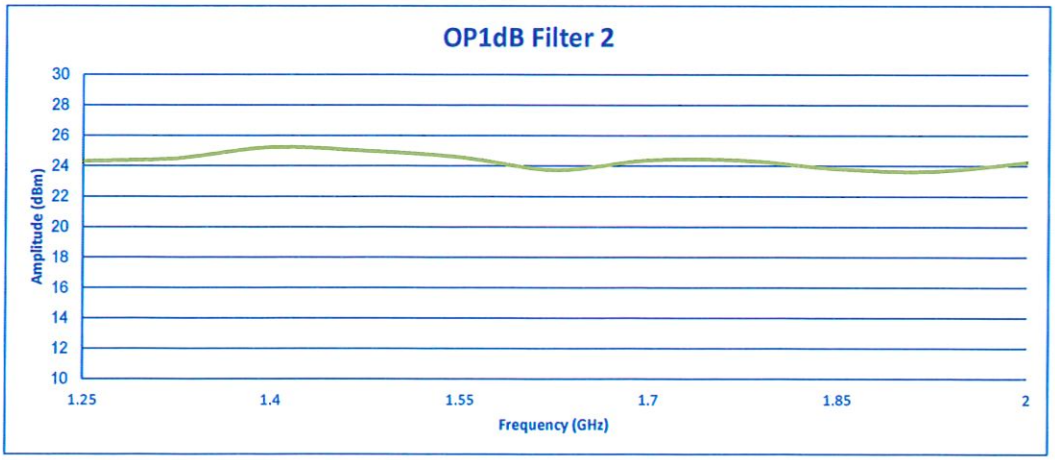

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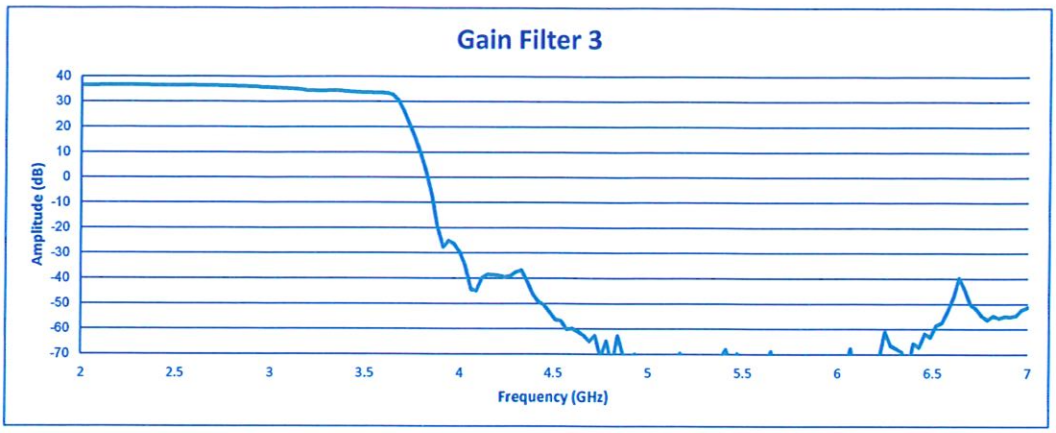

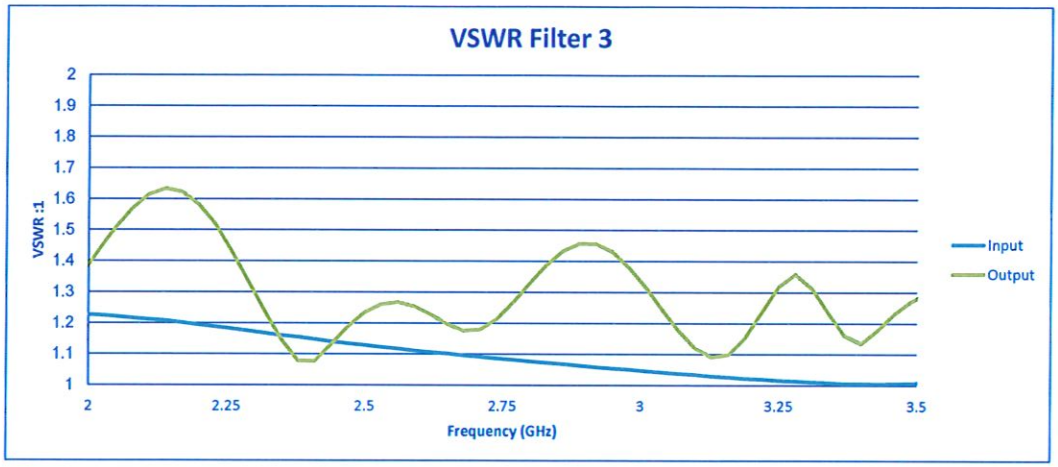

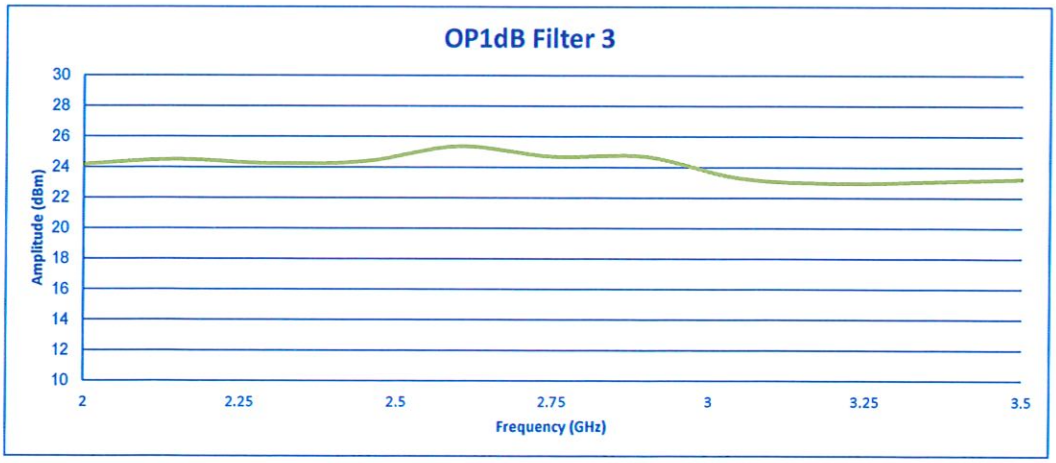

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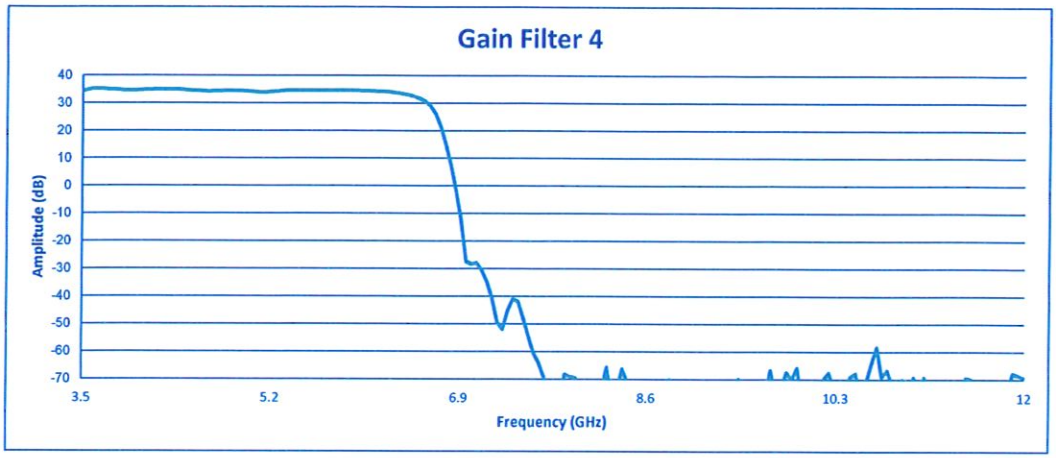

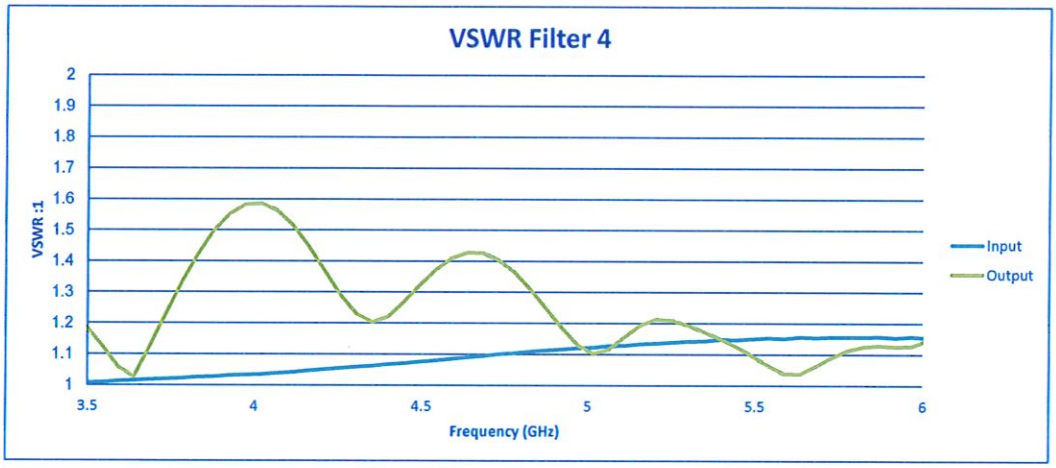

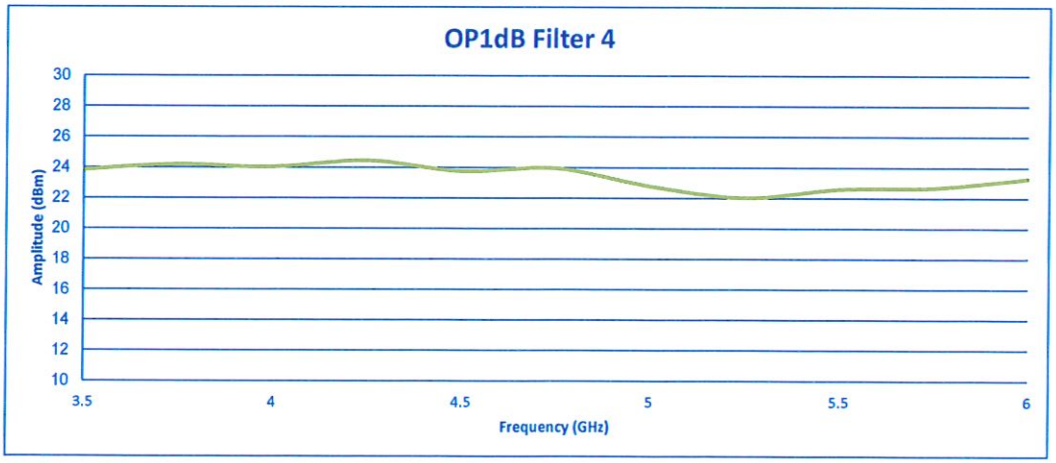

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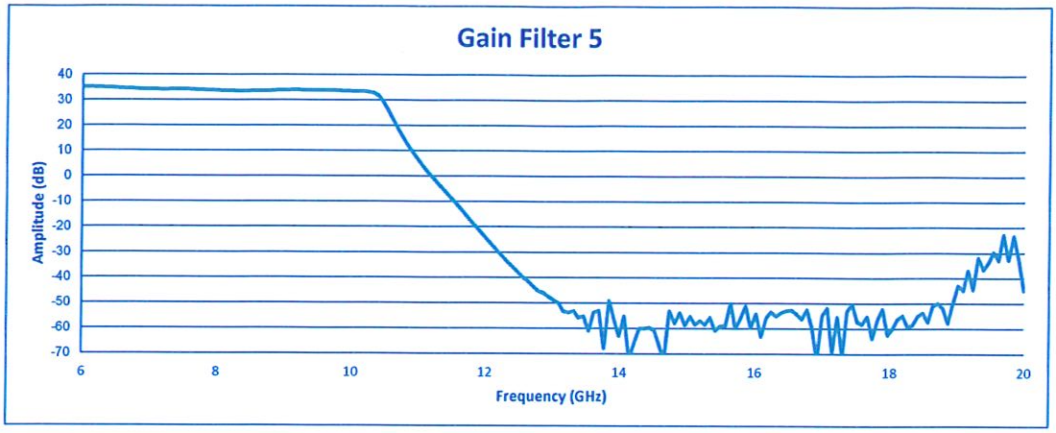

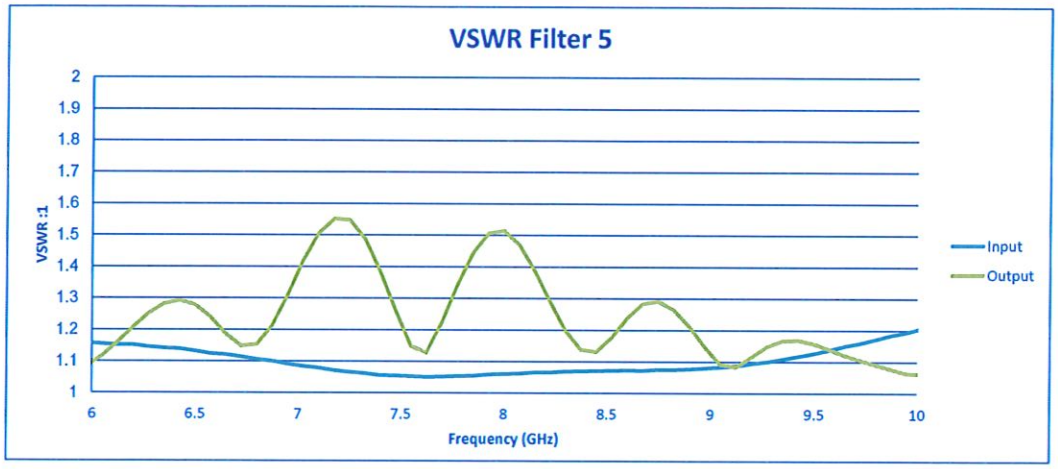

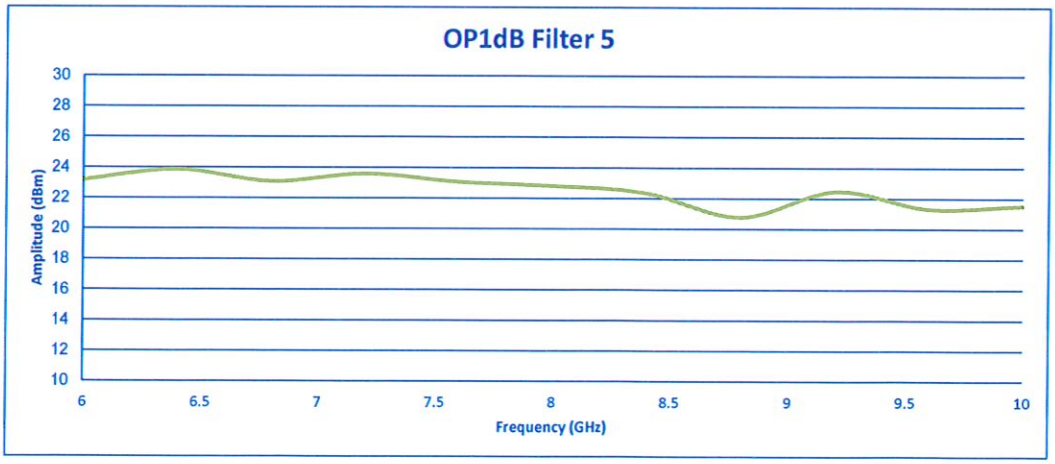

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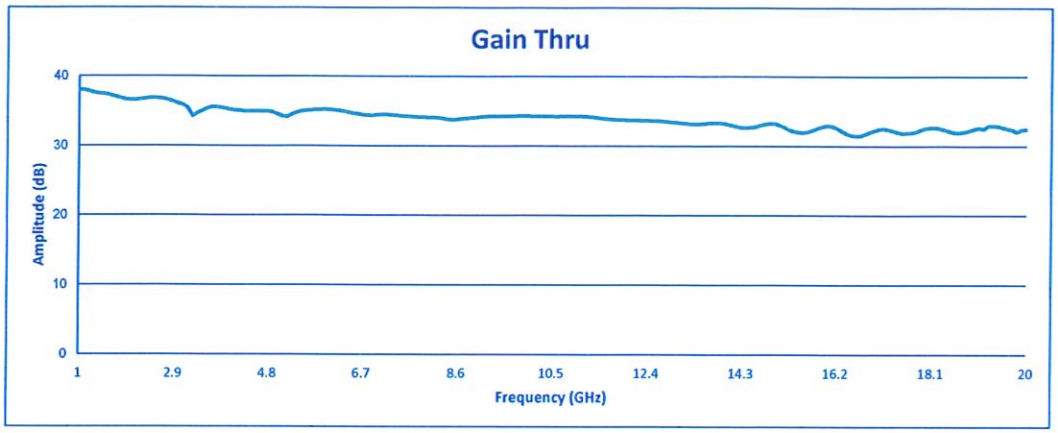

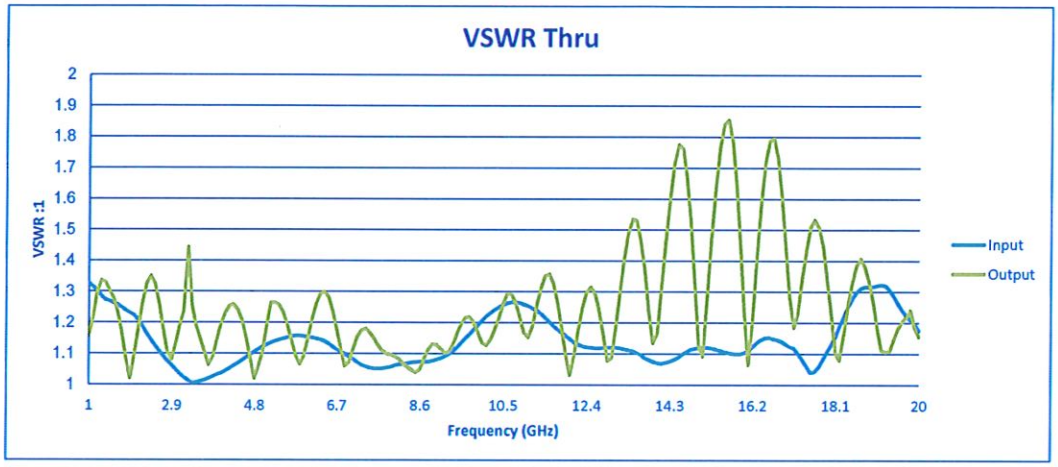

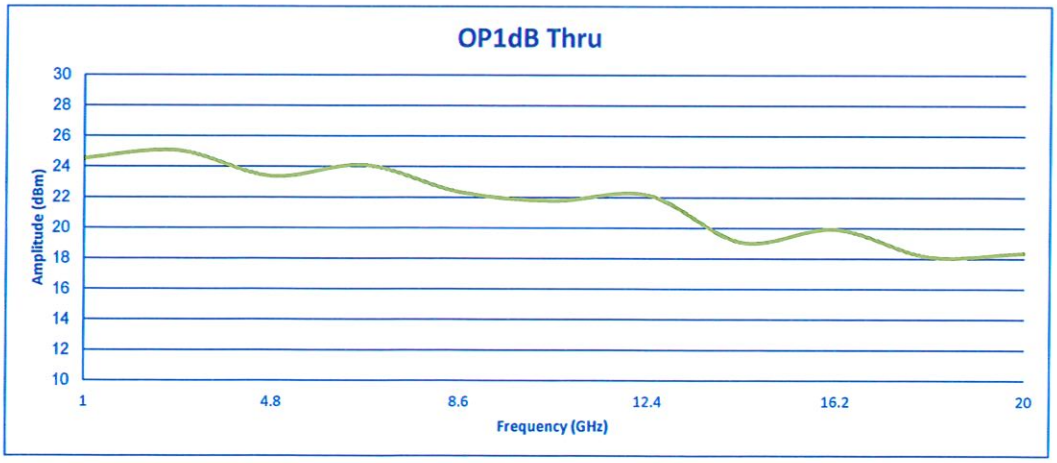

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