



SUMMARY TEST DATA ON 6SFB-30M600M-CD-SFF

Customer: _____
 SO No: _____
 Model No: 6SFB-30M600M-CD-SFF
 Serial No: PL46109/2420

Tested By: K. Wagaman
 Temperature: 25°C
 Date: 8/8/2024
 Drawing No: 27636660 Rev: A1

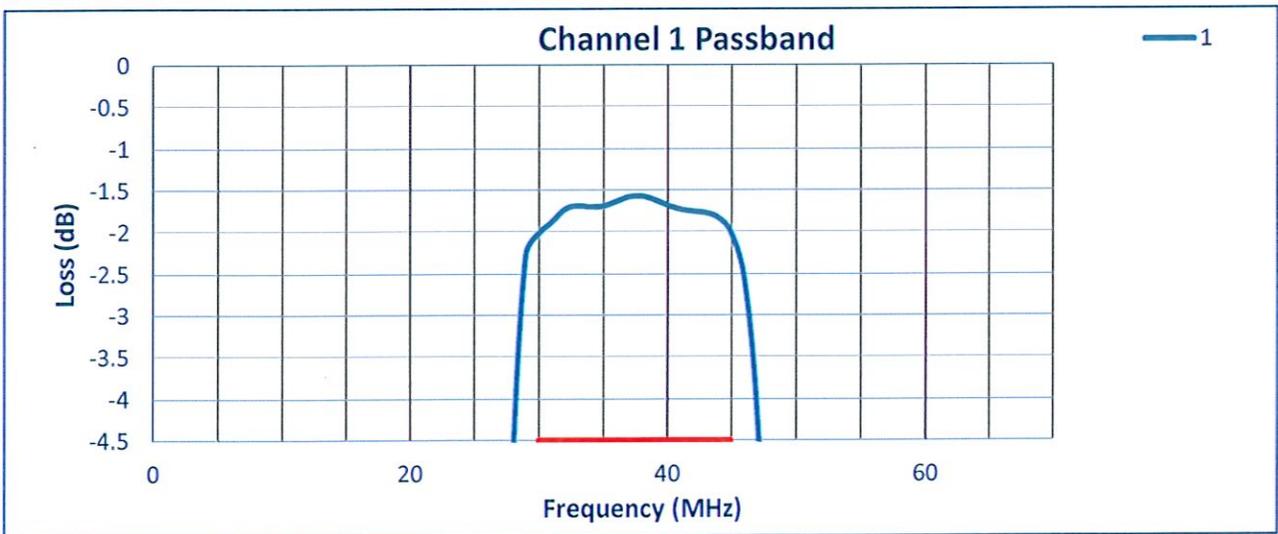
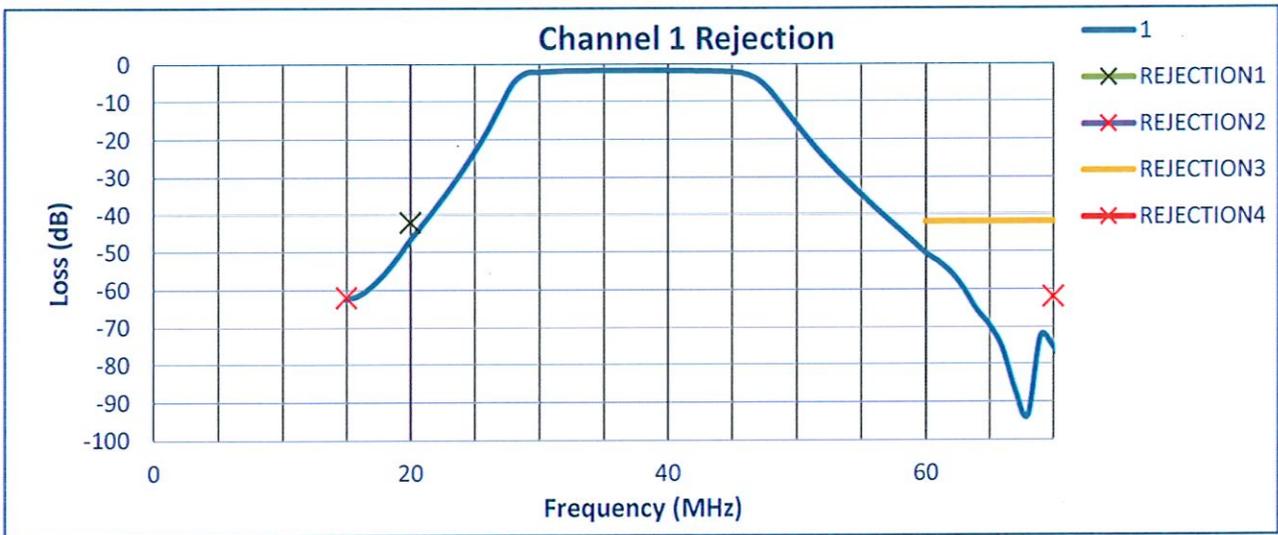
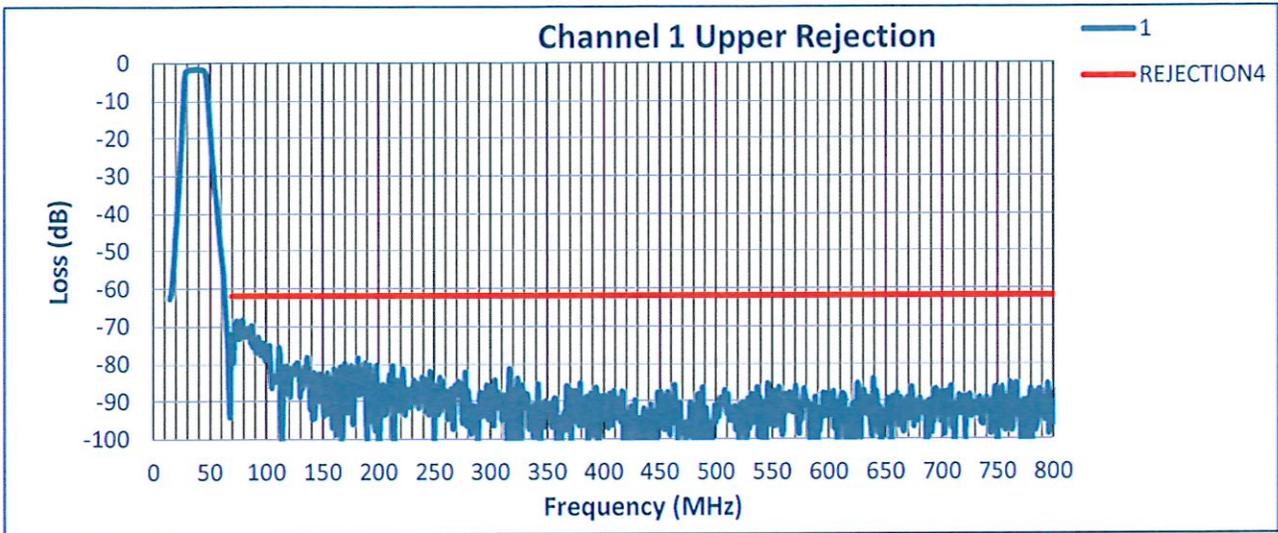
TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	30 MHz to 600 MHz	30 MHz to 600 MHz	PMI QA4
2	Insertion Loss	4.0 dB Typ., 4.5 dB Max.	Channel 1: 2 dB Channel 2: 1.9 dB Channel 3: 2 dB Channel 4: 1.8 dB Channel 5: 2.4 dB Channel 6: 2.4 dB	
3	Rejection Lower	dBc 1: 60 @ 15 MHz, 40 @ 20 MHz 2: 60 @ 20 MHz, 40 @ 25 MHz 3: 60 @ 20-35 MHz, 40 @ 40 MHz 4: 60 @ 20-55 MHz, 40 @ 55-65 MHz 5: 60 @ 20-100 MHz, 40 @ 100-115 MHz 6: 60 @ 20-180 MHz, 40 @ 180-190 MHz	Channel 1: 61, 44.9 Channel 2: 67.1, 53.6 Channel 3: 64.5, 57.3 Channel 4: 65.3, 62.1 Channel 5: 67.6, 52.8 Channel 6: 63.7, 68.4	
4	Rejection Upper	dBc 1: 40 @ 60-70 MHz, 60 @ 70-800 MHz 2: 40 @ 90-110 MHz, 60 @ 110-800 MHz 3: 40 @ 140-160 MHz, 60 @ 160-800 MHz 4: 40 @ 200-220 MHz, 60 @ 220-1000 MHz 5: 40 @ 320-340 MHz, 60 @ 340-1500 MHz 6: 40 @ 550-570 MHz, 60 @ 570-1500 MHz	Channel 1: 48.9, 66.8 Channel 2: 42.4, 68.9 Channel 3: 57.2, 68.1 Channel 4: 48.2, 66.6 Channel 5: 49.9, 69.9 Channel 6: 41.4, 66.4	
5	VSWR: In/Out	1.5:1 Max.	Channel 1: 1.5:1 Channel 2: 1.4:1 Channel 3: 1.3:1 Channel 4: 1.3:1 Channel 5: 1.4:1 Channel 6: 1.3:1	
6	Isolation	40 dB Min	71.2 dB	
7	Input Power	1 W Max	Pass See Typical Characteristics	
8	Switching Speed	500 ns Typ.	Pass See Typical Characteristics	
9	DC Supply	+15VDC @ 300 mA Max -15VDC @ 50 mA Max	+15VDC @ 285 mA -15VDC @ 29 mA	PMI QA4

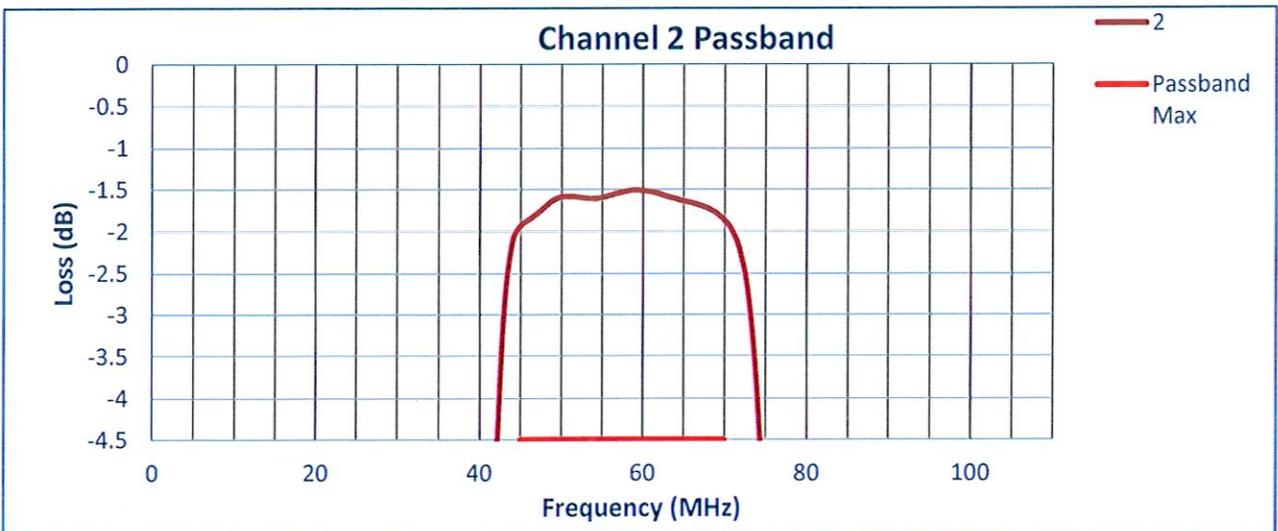
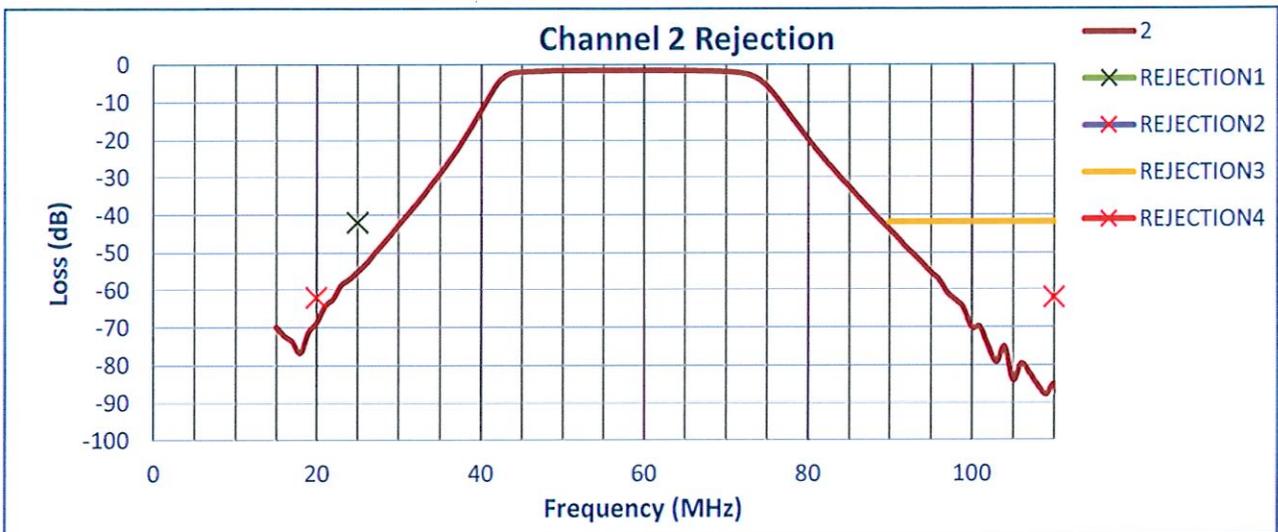
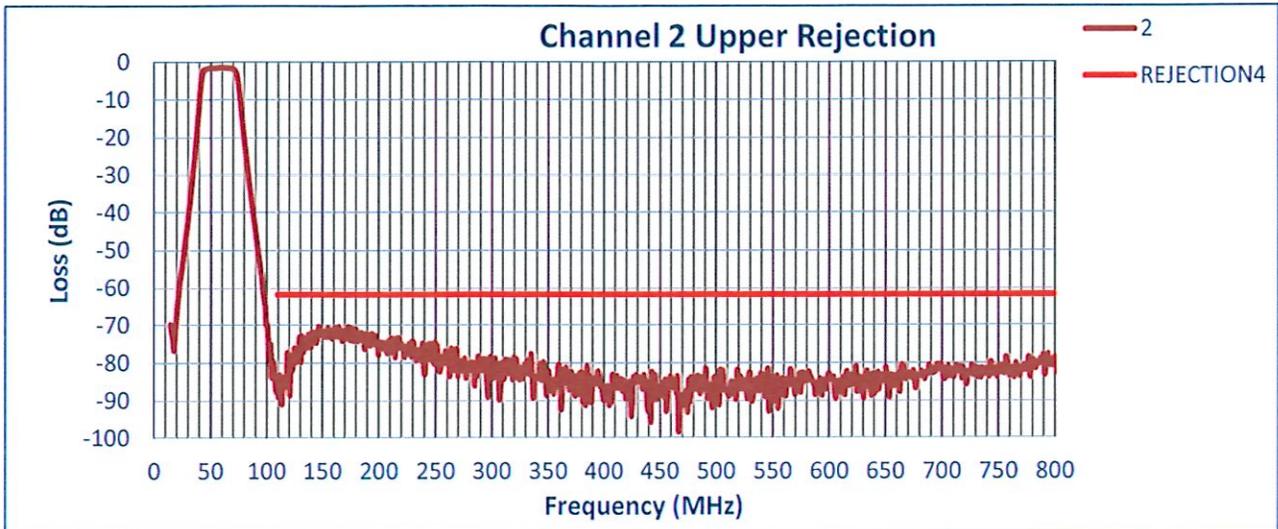
*Note: dBc Rejection Referenced to Passband Center Frequency

QA/QC Approval: Commeron Helen

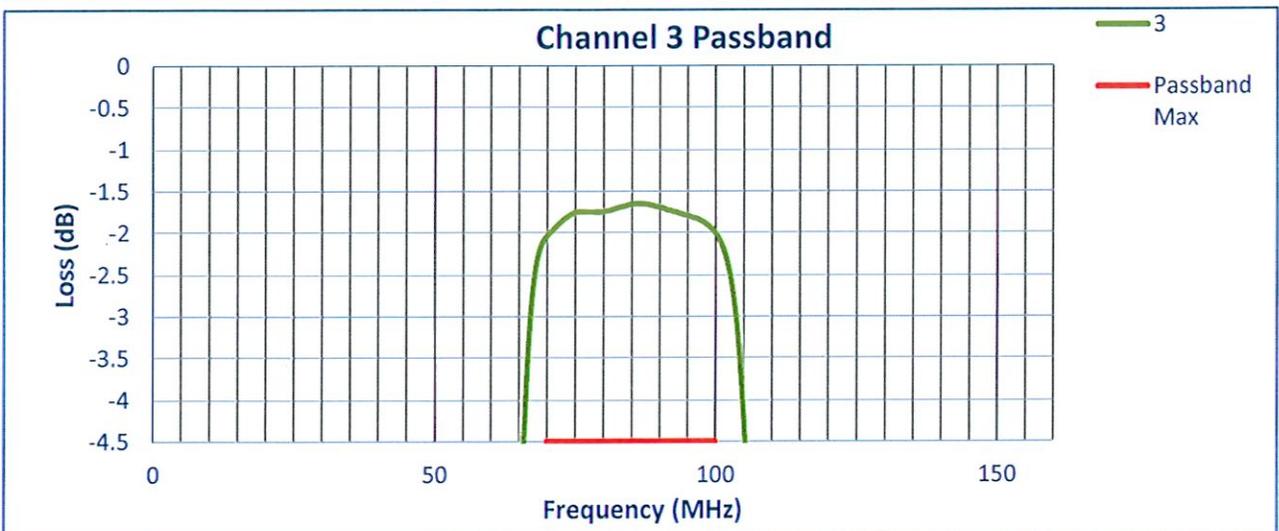
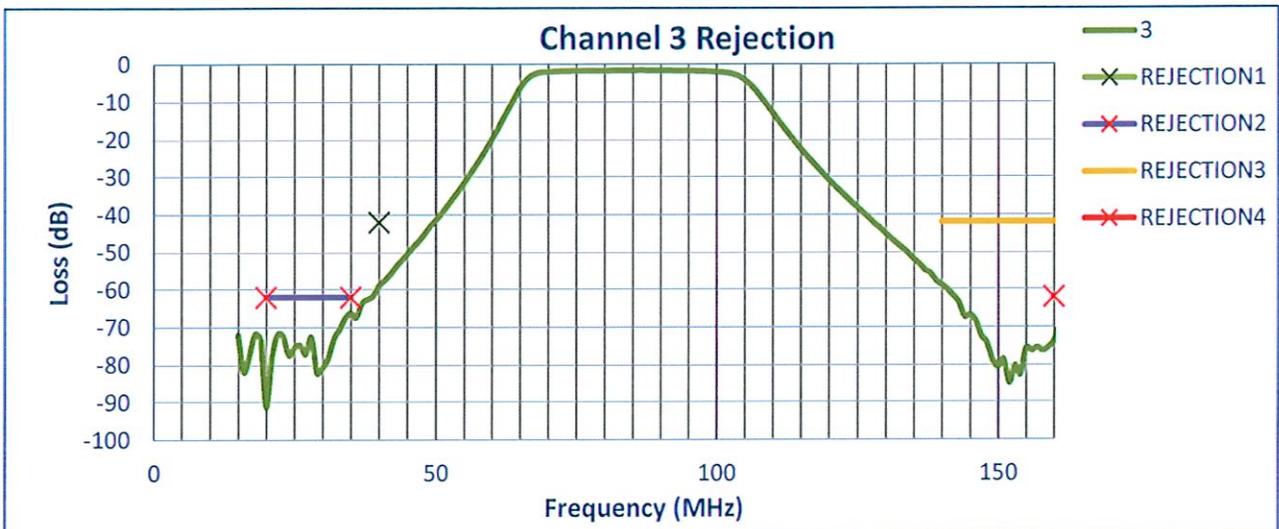
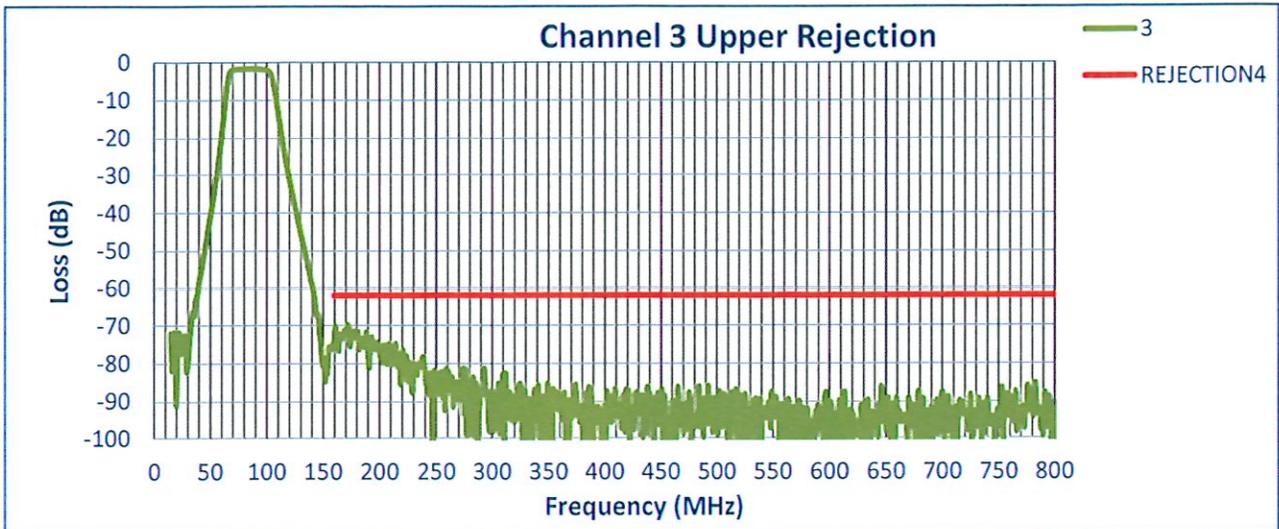
Date: 8/8/24

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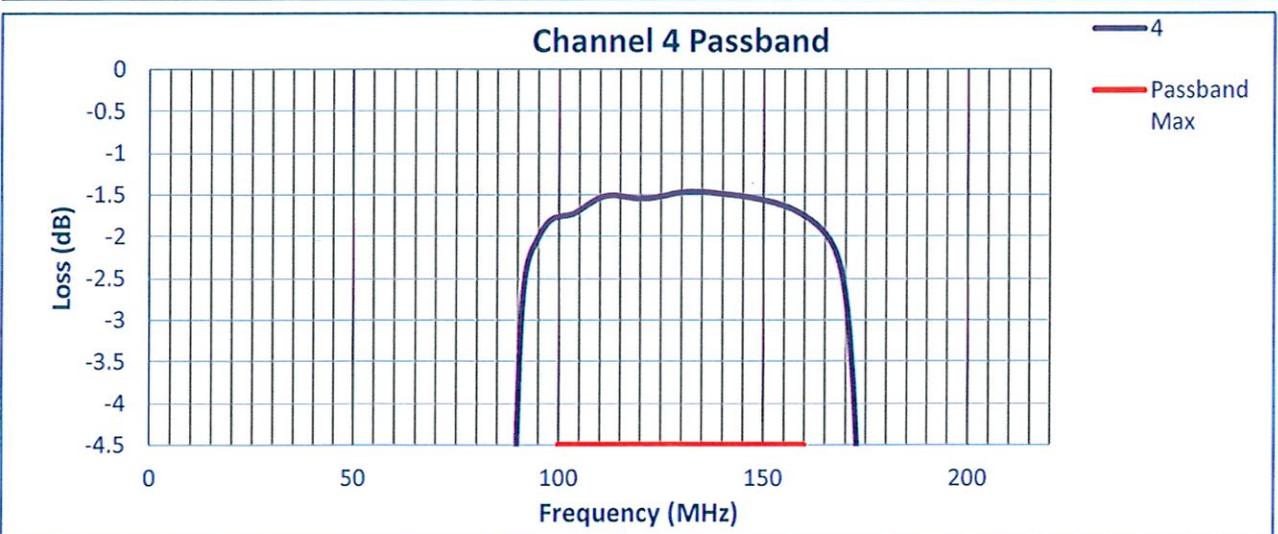
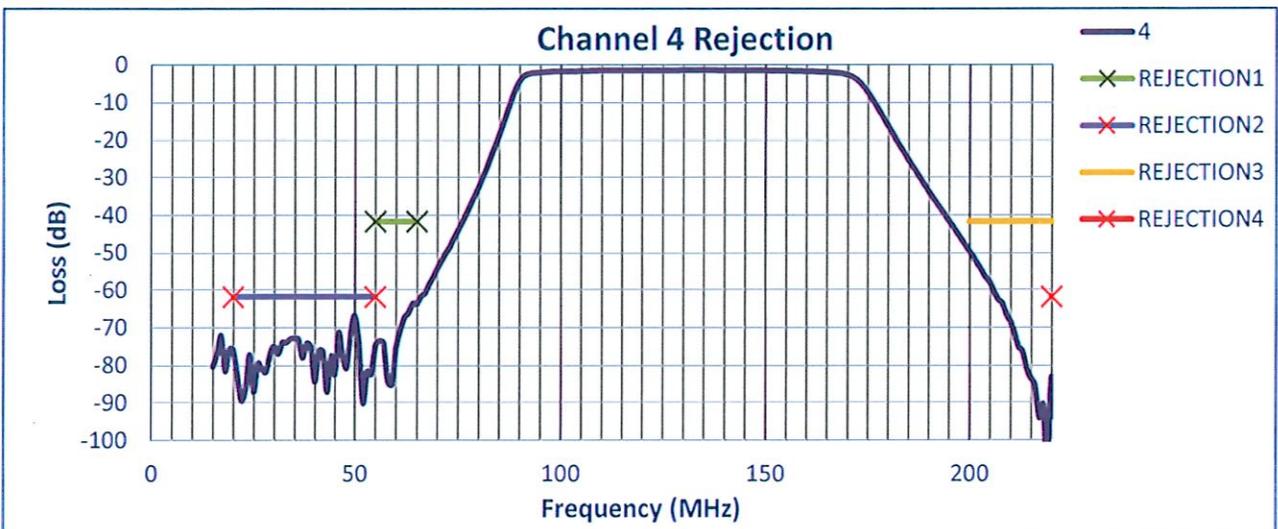
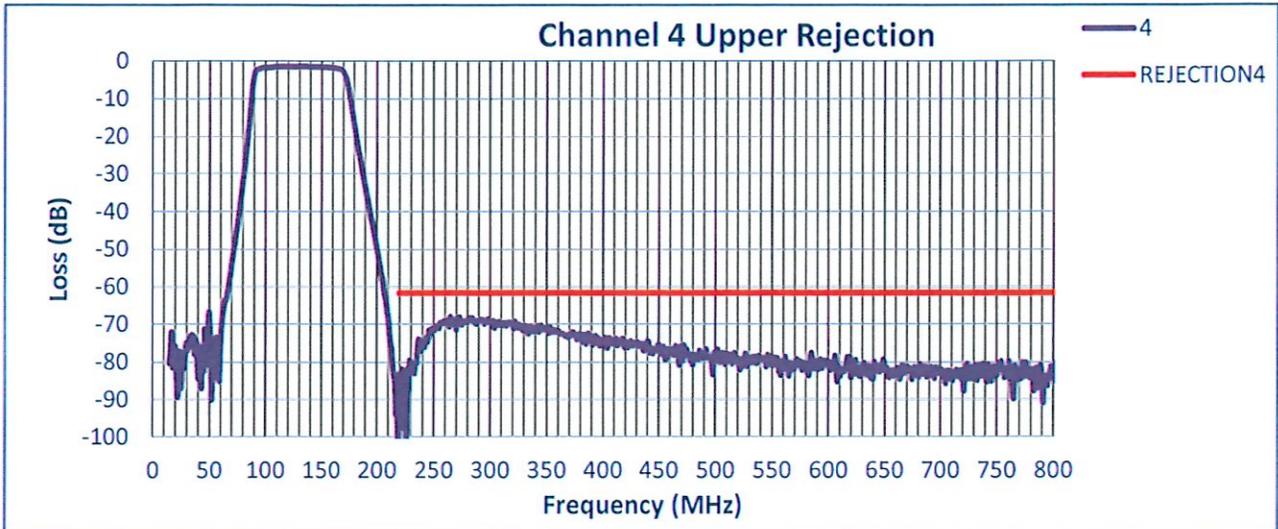




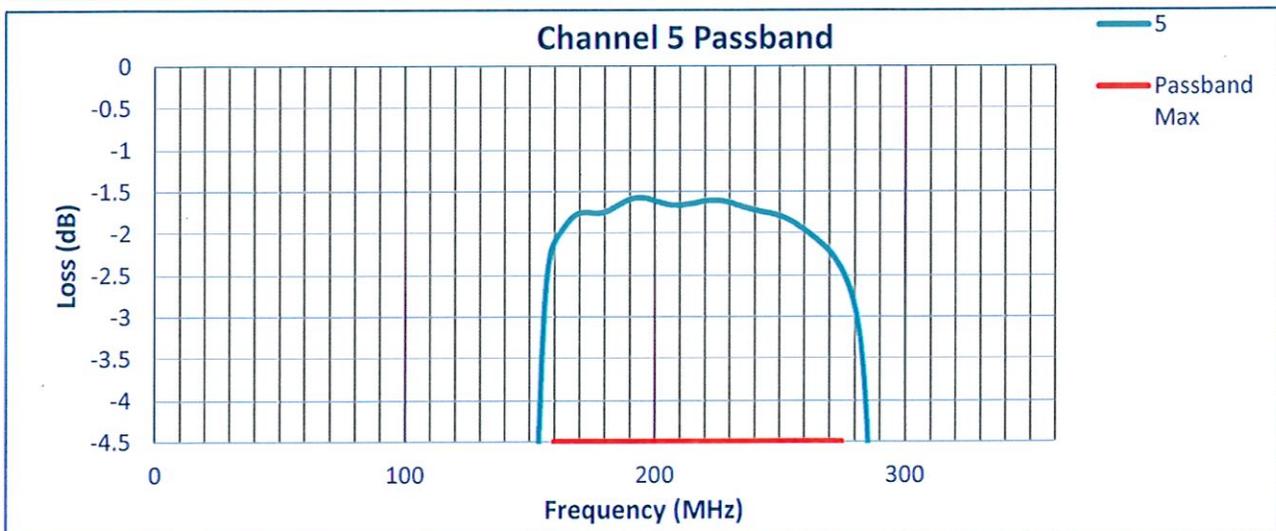
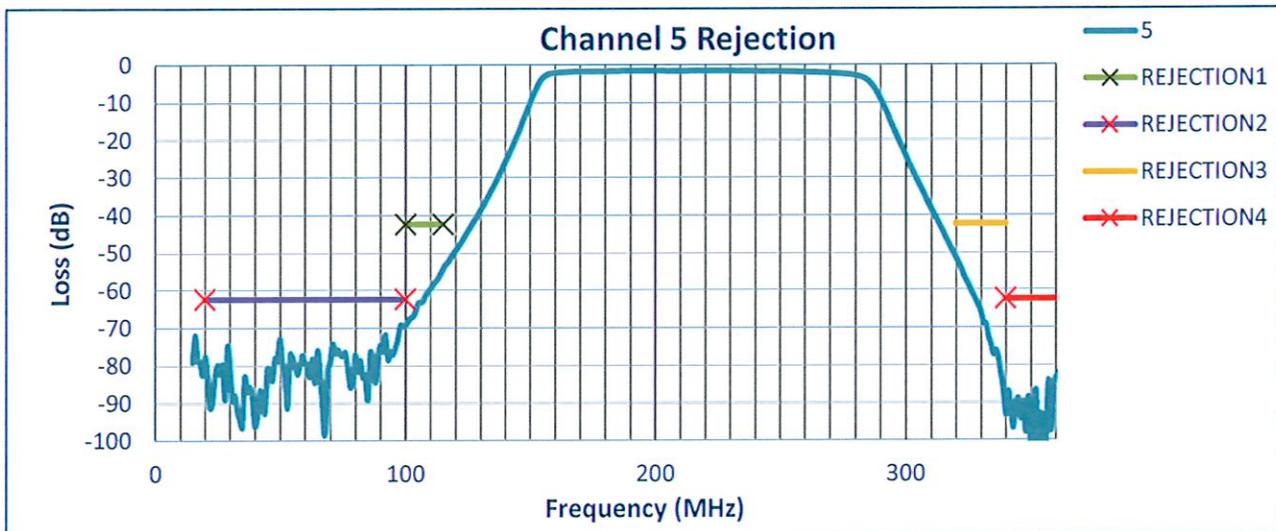
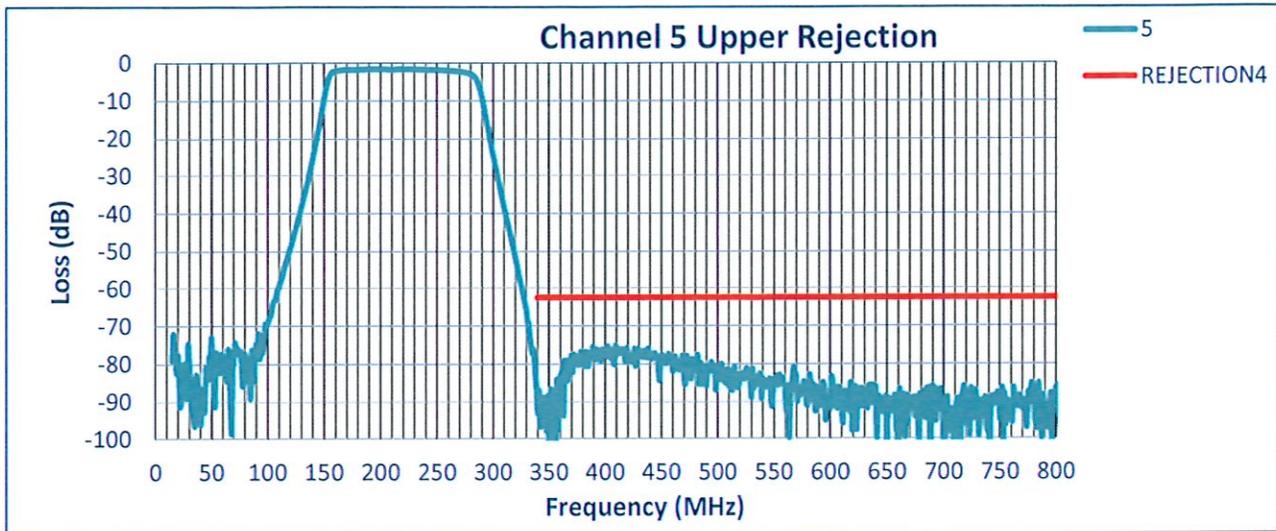
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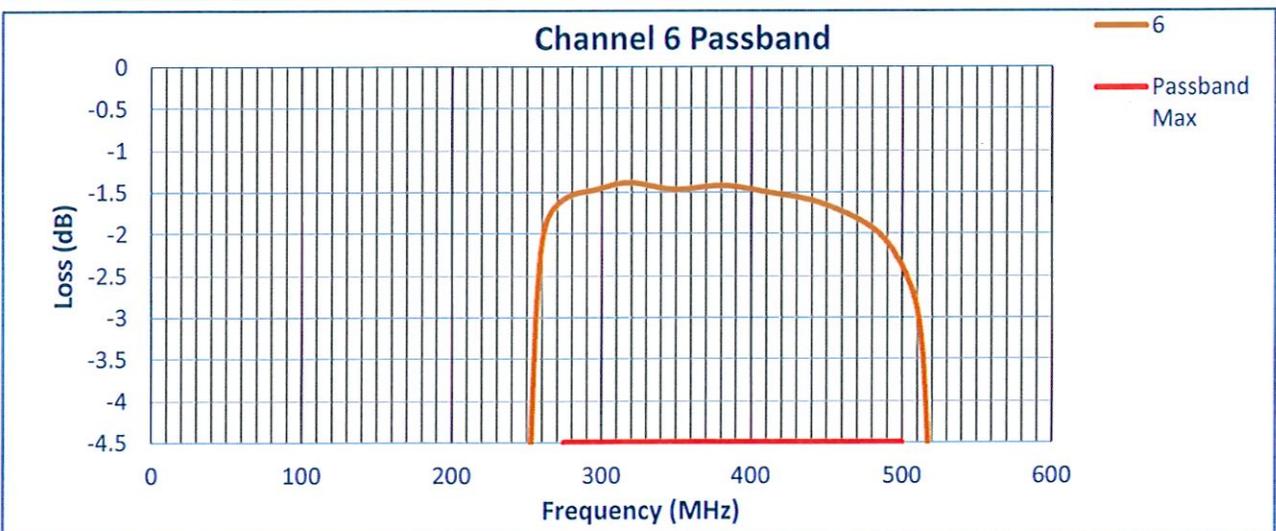
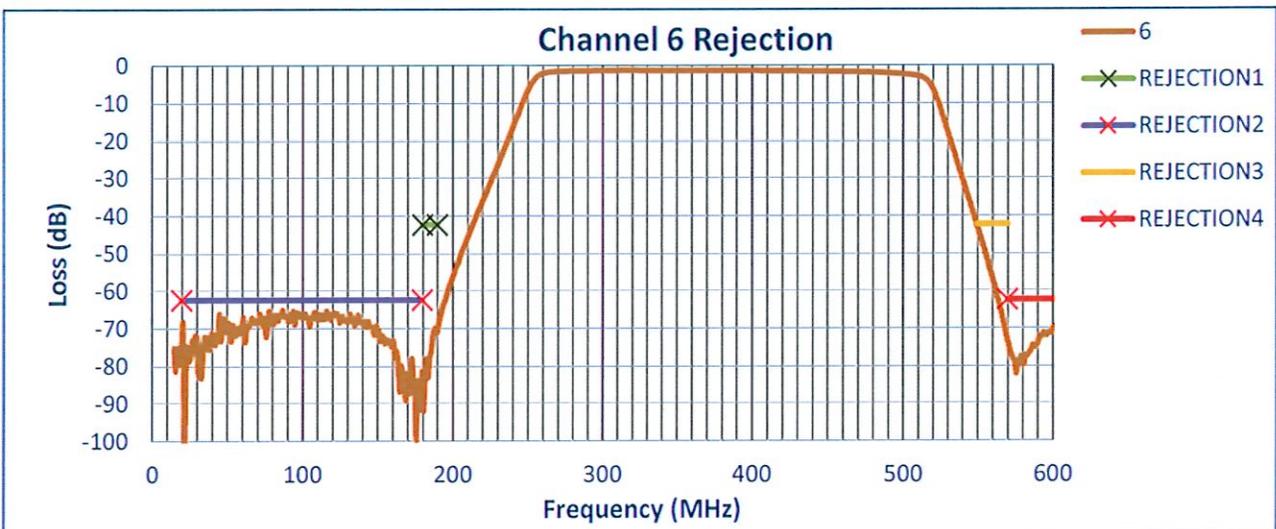
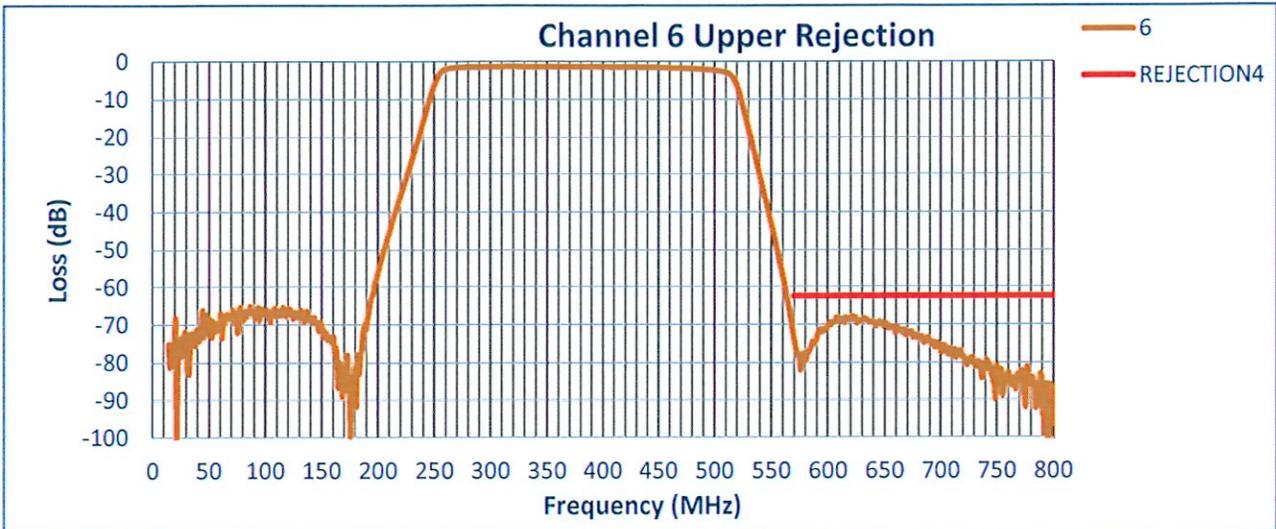
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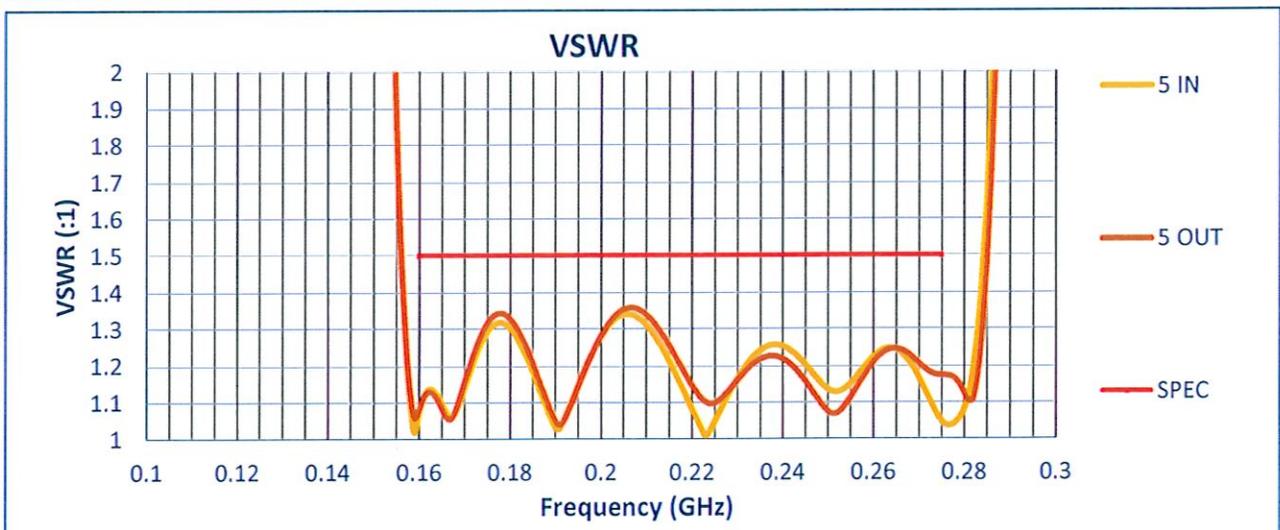
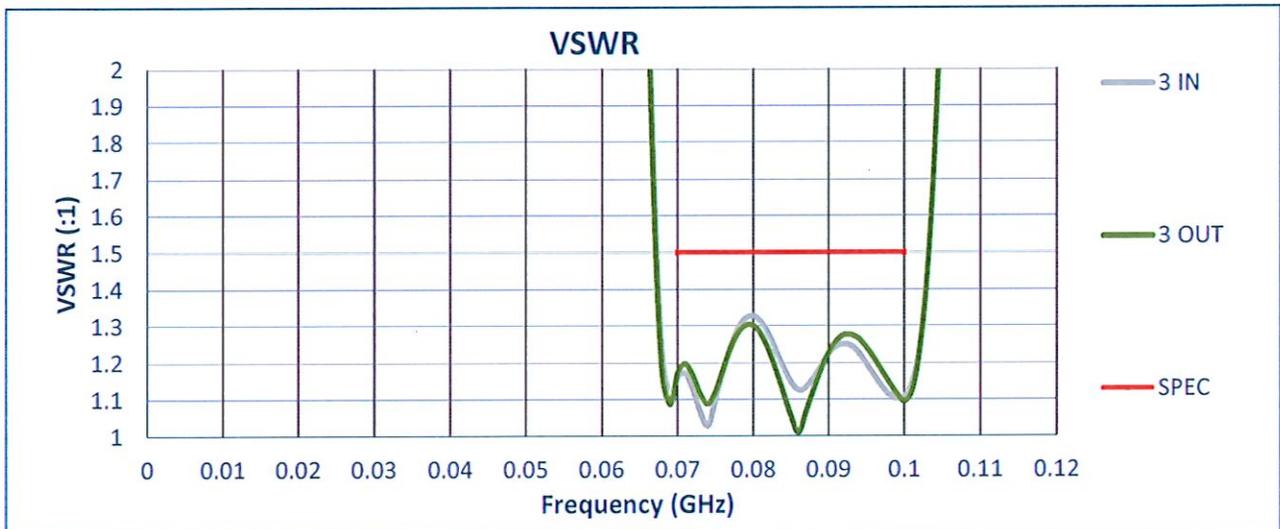
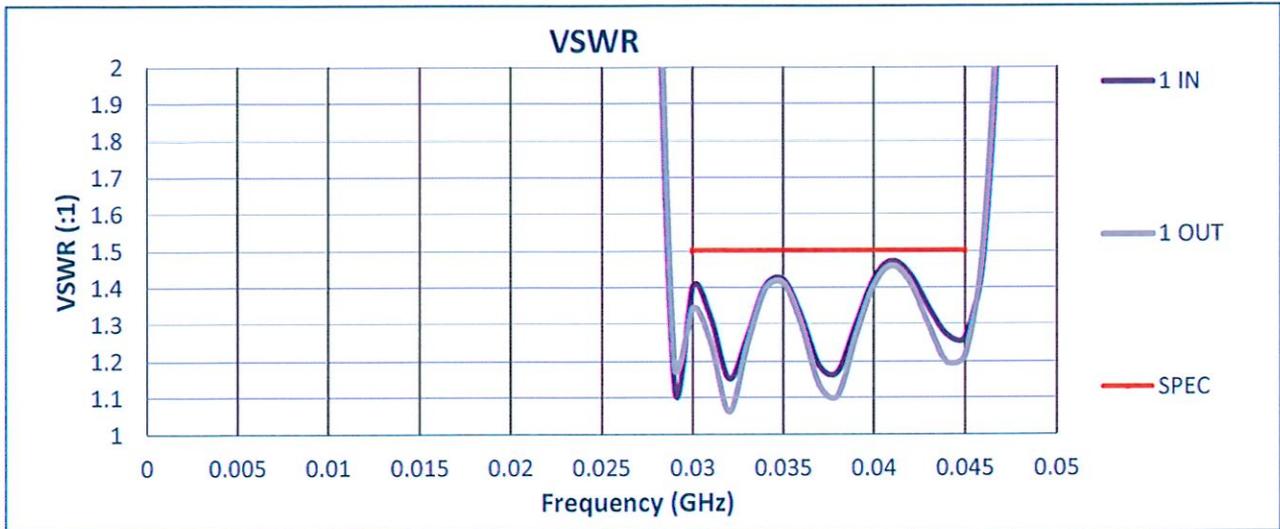


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