



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

Customer: _____
 SO No: _____
 Model No: 6SFB-30M600M-CD-SFF
 Serial No: PL46107/2420

Tested By: K. Wagaman
 Temperature: 25°C
 Date: 5/14/2024
 Drawing No: 27636660 Rev: A1

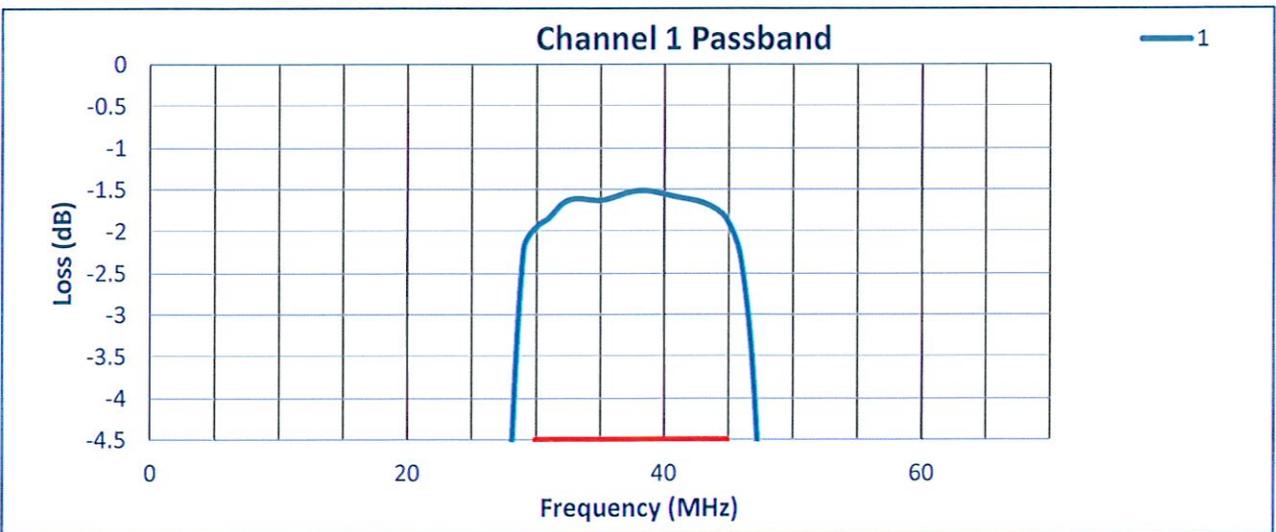
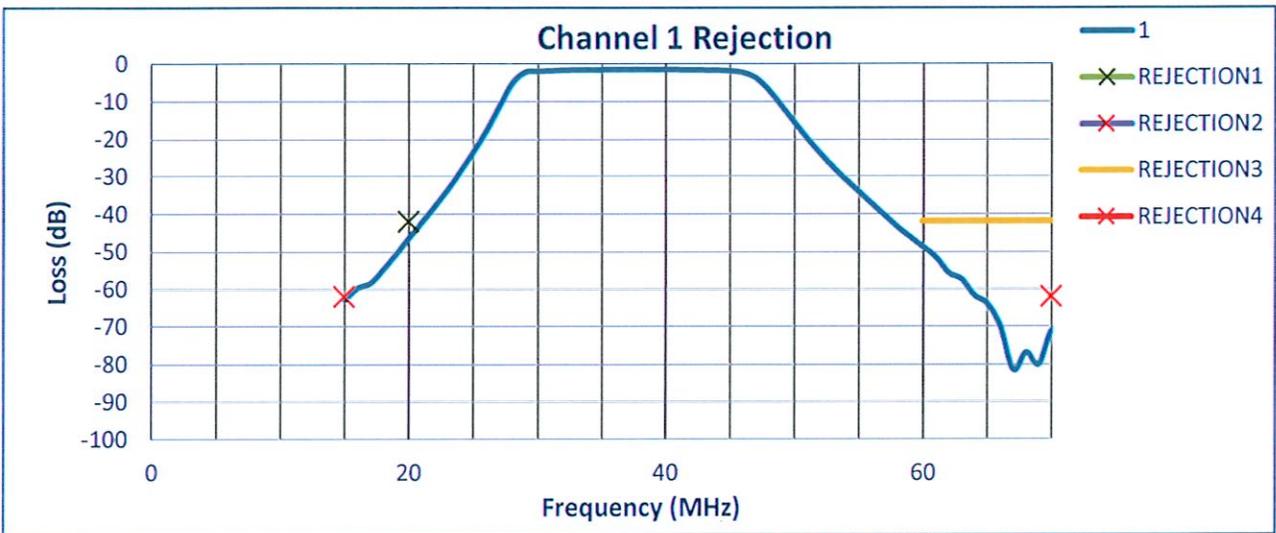
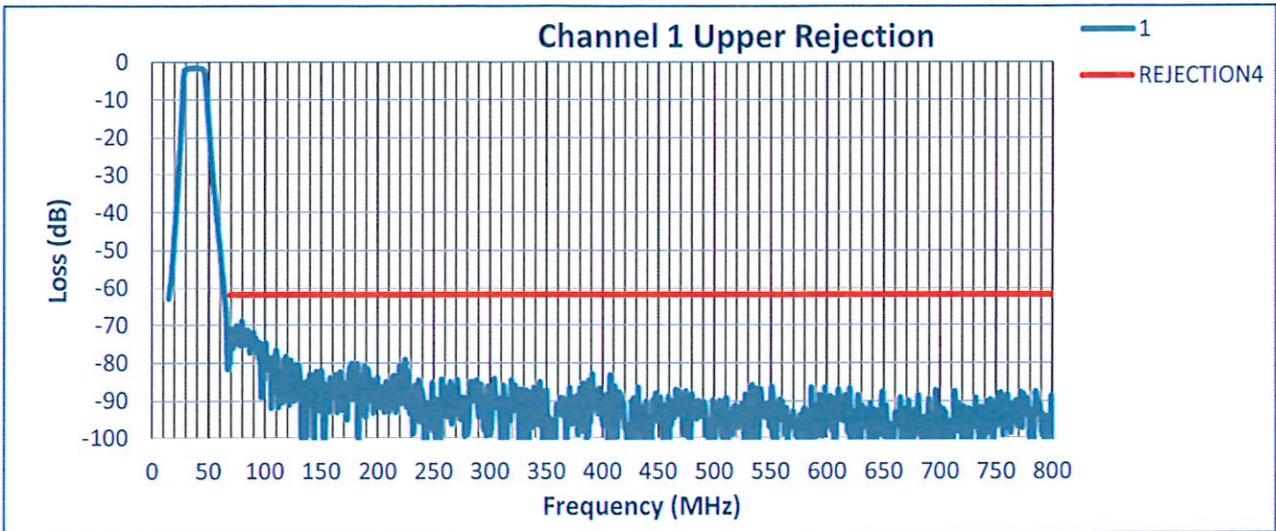
TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	30 MHz to 600 MHz	30 MHz to 600 MHz	PMI QA4
2	Insertion Loss	4.0 dB Typ., 4.5 dB Max.	Channel 1: 1.9 dB Channel 2: 1.9 dB Channel 3: 2 dB Channel 4: 1.8 dB Channel 5: 2.4 dB Channel 6: 2.4 dB	
3	Rejection Lower	dBc 1: 60 @ 15 MHz, 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: 61.3, 44.9 Channel 2: 65.4, 53.3 Channel 3: 65.5, 56.7 Channel 4: 70.8, 62.4 Channel 5: 65.9, 52.9 Channel 6: 63.5, 72.2	
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: 47.3, 67.5 Channel 2: 42.3, 67.8 Channel 3: 56.1, 68.8 Channel 4: 47.2, 66.6 Channel 5: 49.2, 69.2 Channel 6: 43.6, 63.6	
5	VSWR: In/Out	1.5:1 Max.	Channel 1: 1.4:1 Channel 2: 1.4:1 Channel 3: 1.4:1 Channel 4: 1.3:1 Channel 5: 1.5:1 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

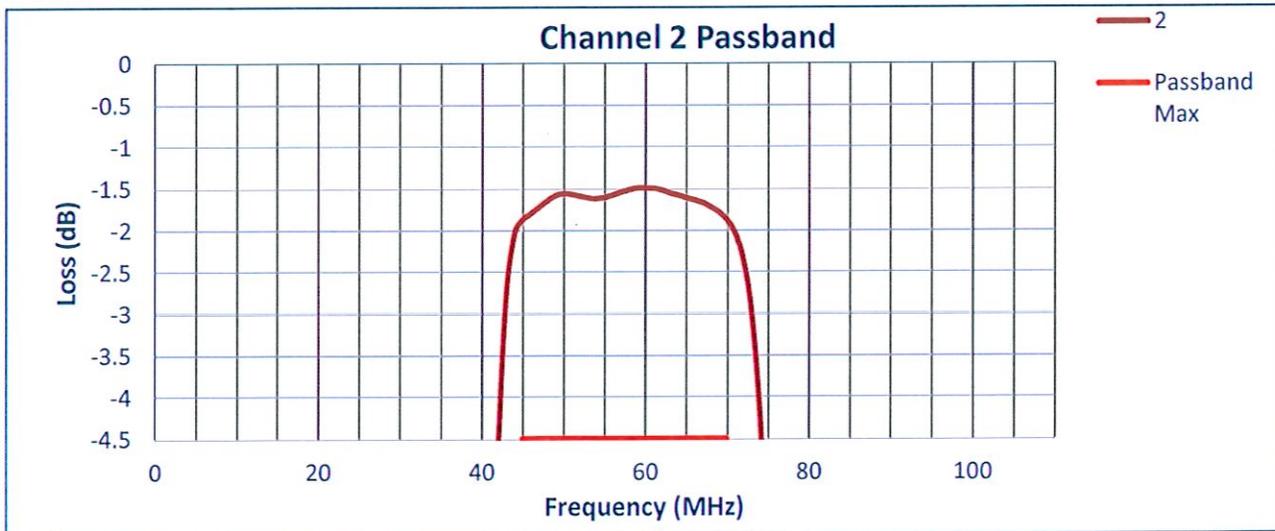
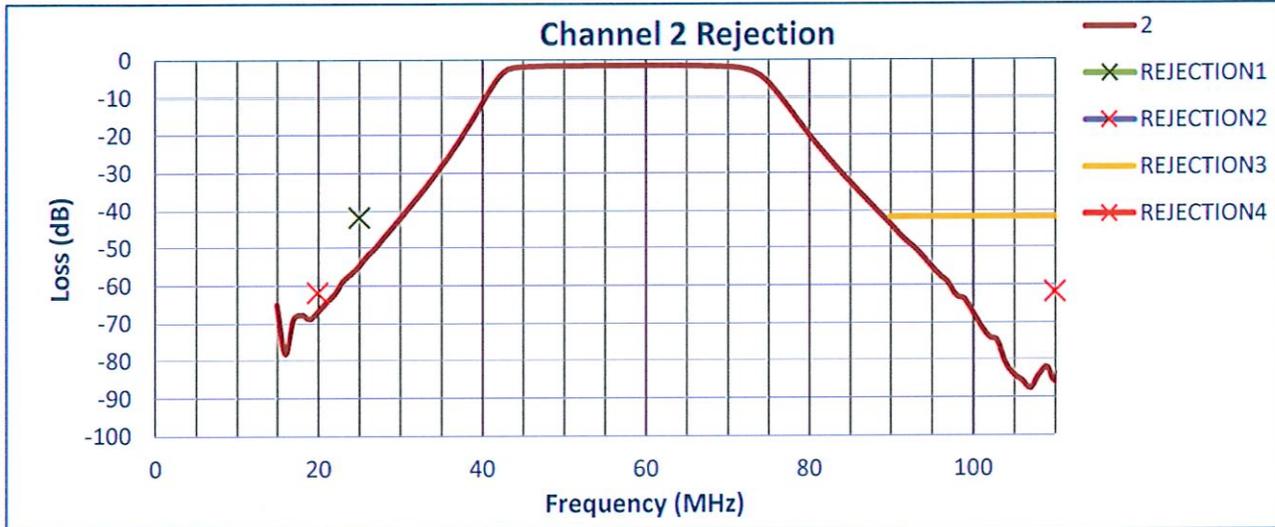
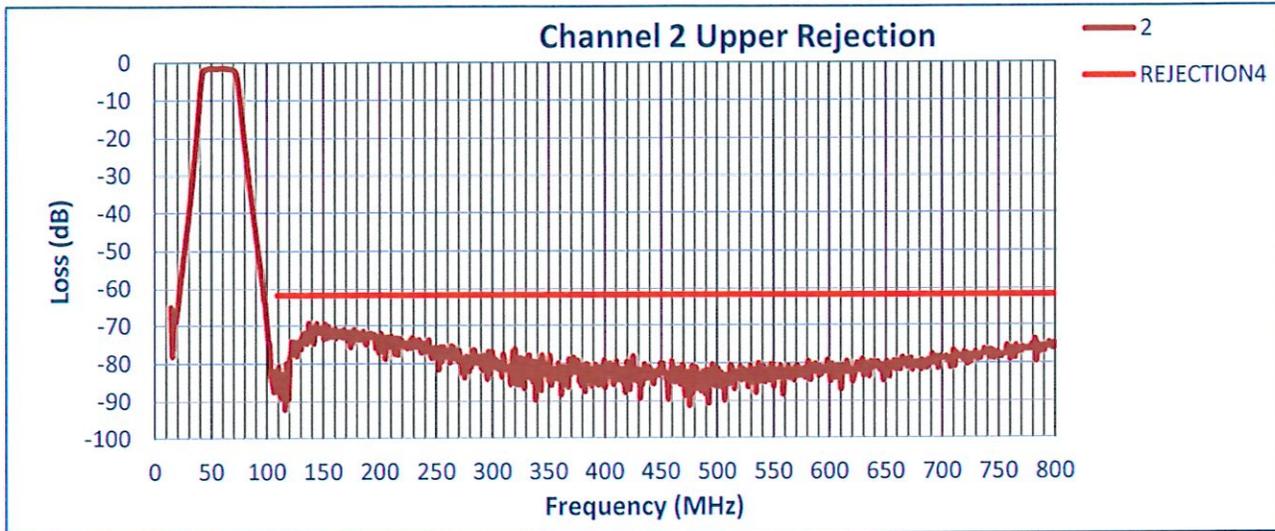
*Note: dBc Rejection Referenced to Passband Center Frequency

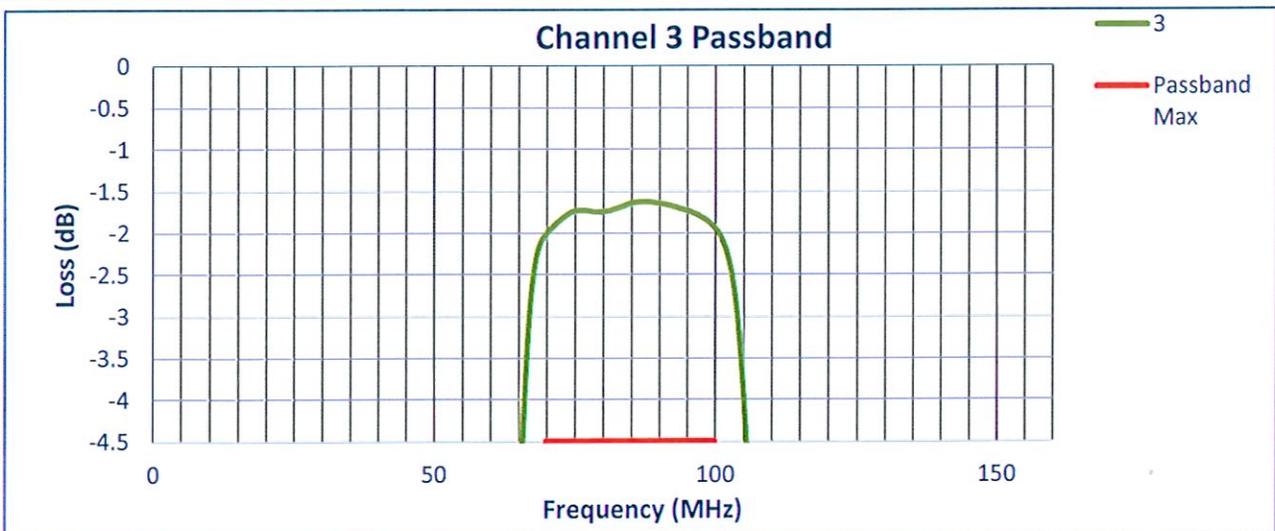
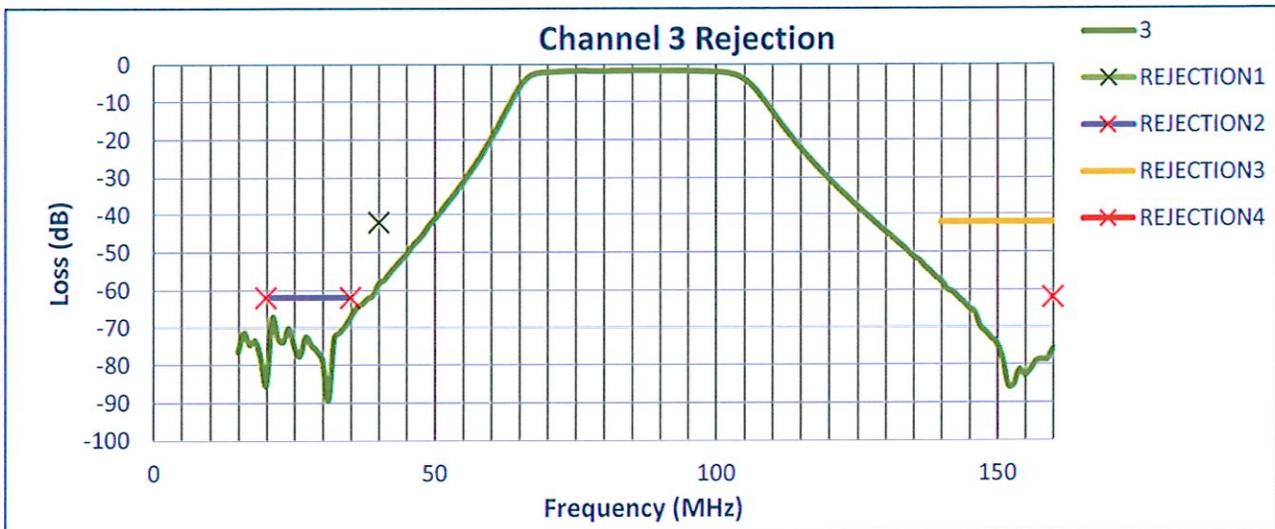
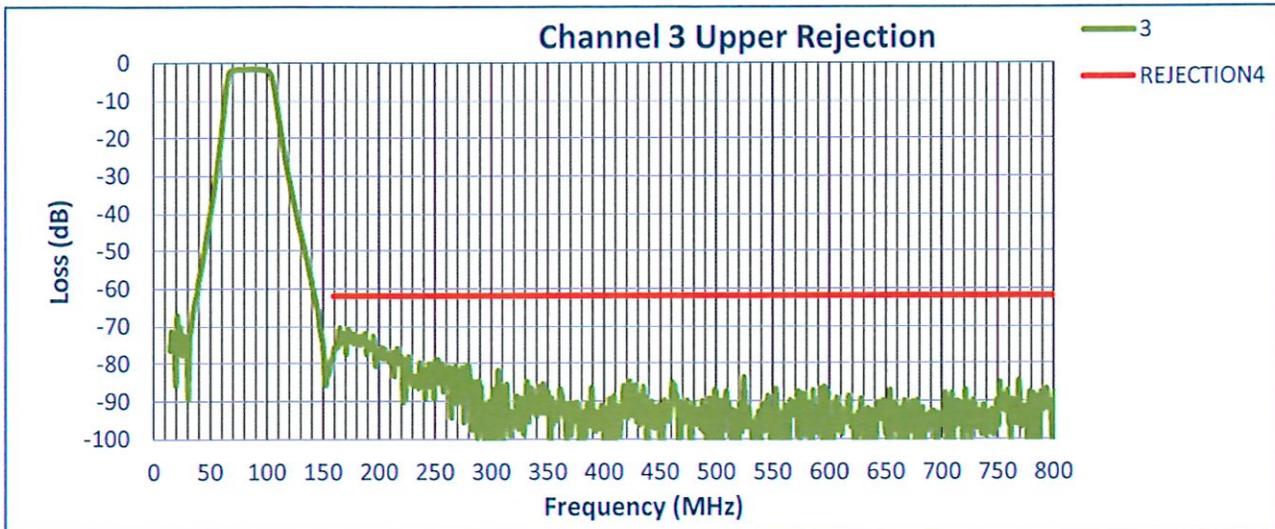
QA/QC Approval: Camerony Helms

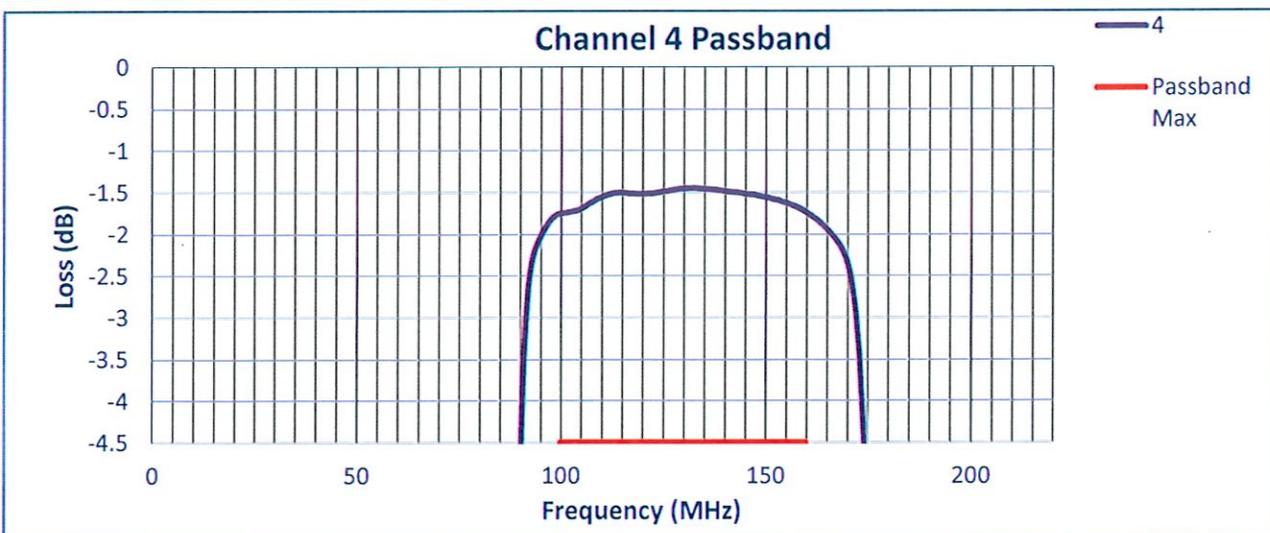
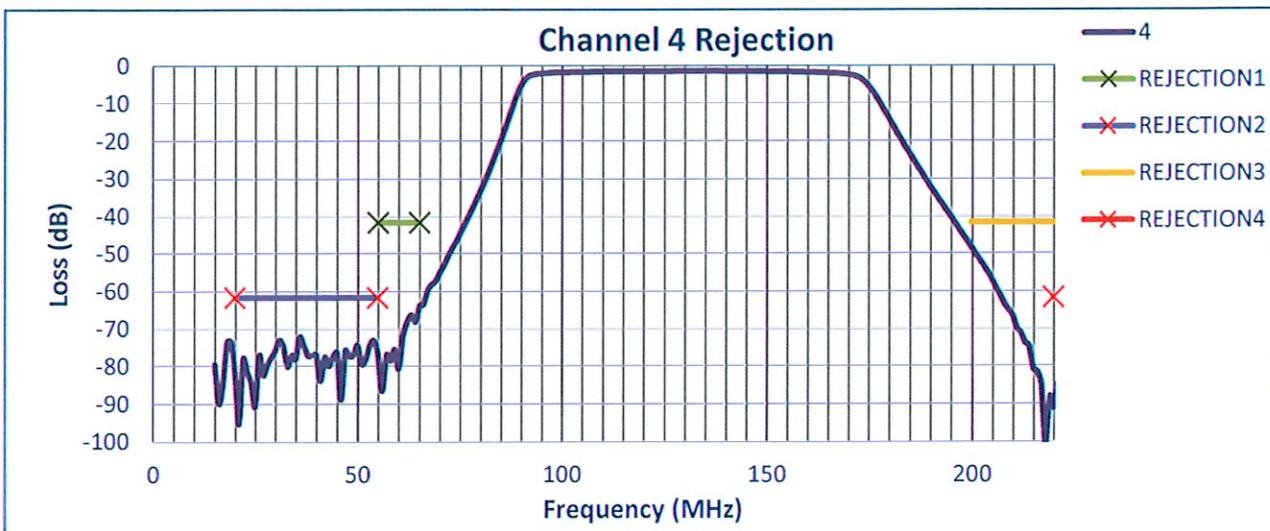
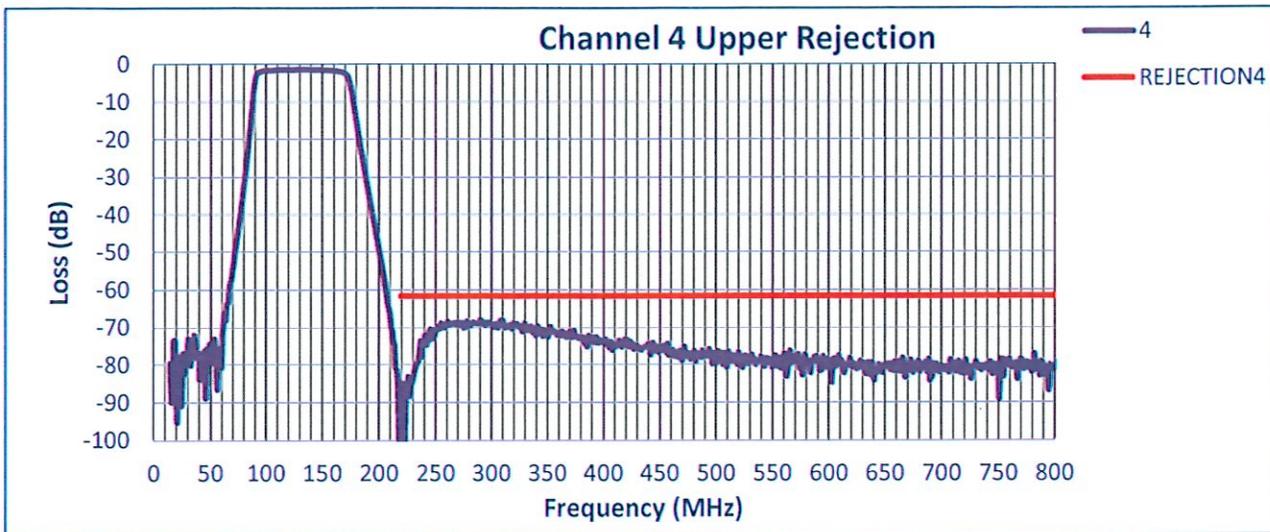
Date: 5/15/24

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
 Email: sales@quanticpmi.com









7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

