



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

Customer: _____
 SO No: _____
 Model No: 6SFB-30M600M-CD-SFF
 Serial No: PL46104/2420

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

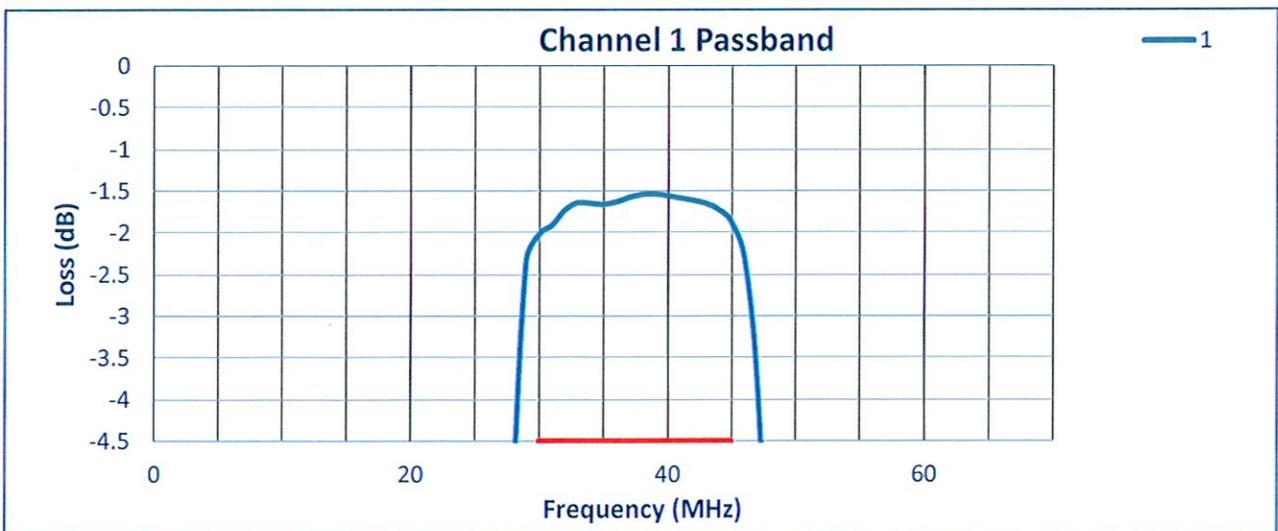
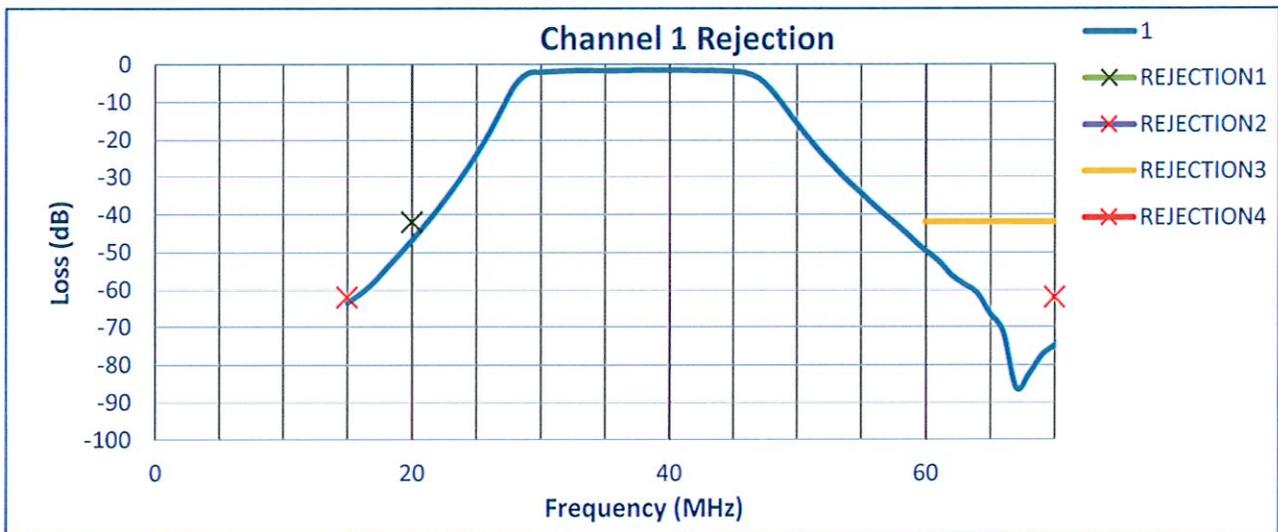
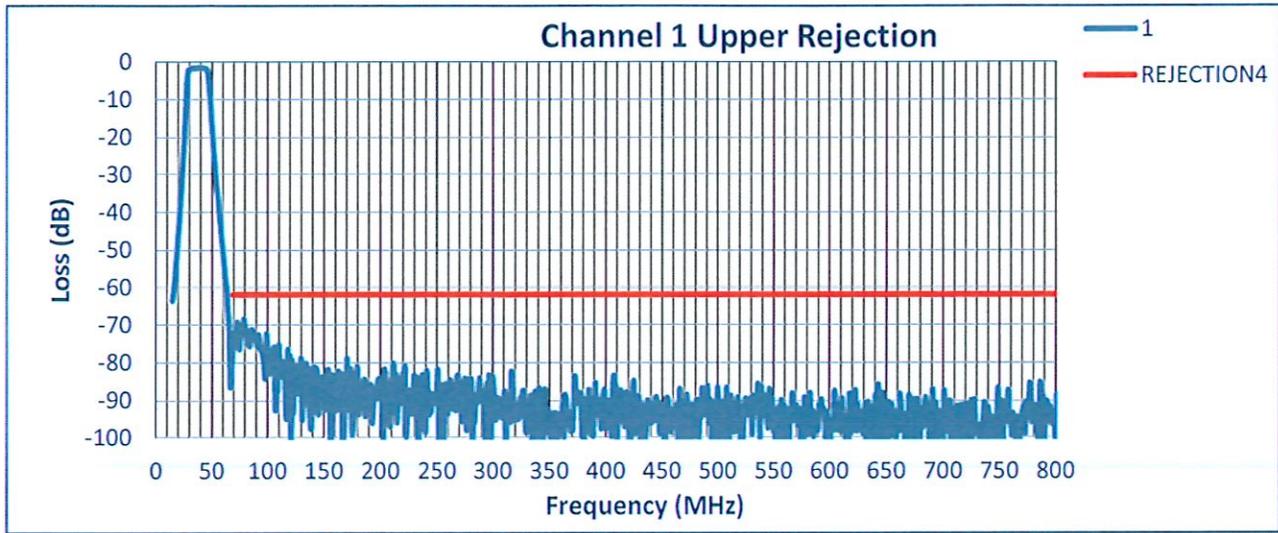
TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	30 MHz to 600 MHz	30 MHz to 600 MHz	PMI QA4
2	Insertion Loss	4.0 dB Typ., 4.5 dB Max.	Channel 1: 2 dB Channel 2: 1.9 dB Channel 3: 2 dB Channel 4: 1.7 dB Channel 5: 2.4 dB Channel 6: 2.4 dB	
3	Rejection Lower	dBc 1: 60 @ 15 MHz, 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: 61.9, 45.2 Channel 2: 65.8, 53.6 Channel 3: 65.3, 57 Channel 4: 65.7, 63.1 Channel 5: 67.2, 52.2 Channel 6: 63.9, 75.6	
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: 48.2, 66.9 Channel 2: 41.8, 68.3 Channel 3: 57.6, 68.6 Channel 4: 45.9, 66.7 Channel 5: 46.8, 67.9 Channel 6: 42, 66.1	
5	VSWR: In/Out	1.5:1 Max.	Channel 1: 1.4:1 Channel 2: 1.5:1 Channel 3: 1.3:1 Channel 4: 1.3:1 Channel 5: 1.4:1 Channel 6: 1.4:1	
6	Isolation	40 dB Min	68.9 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

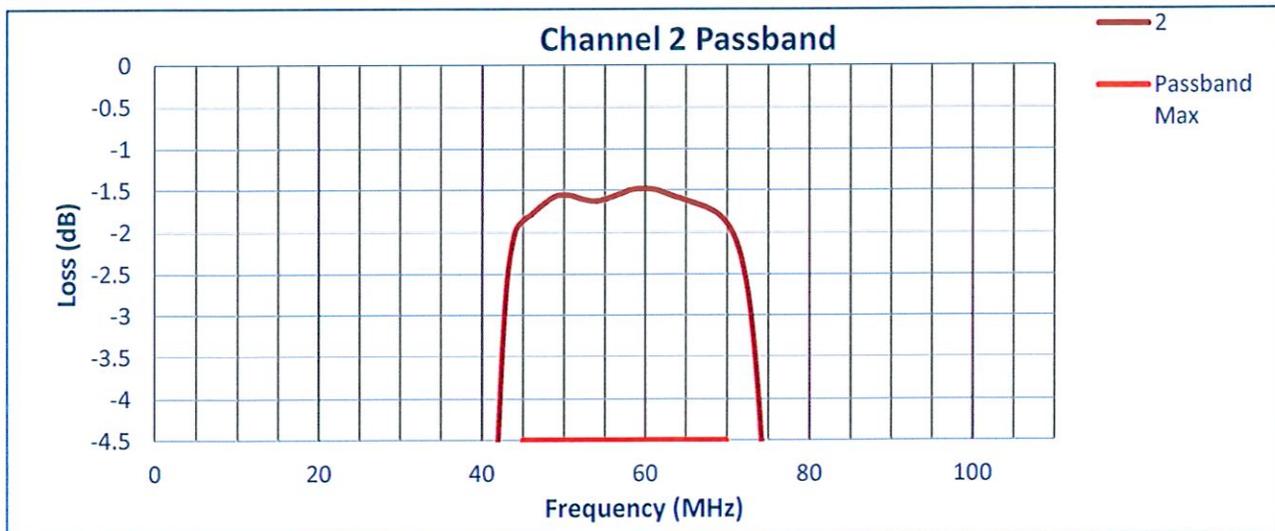
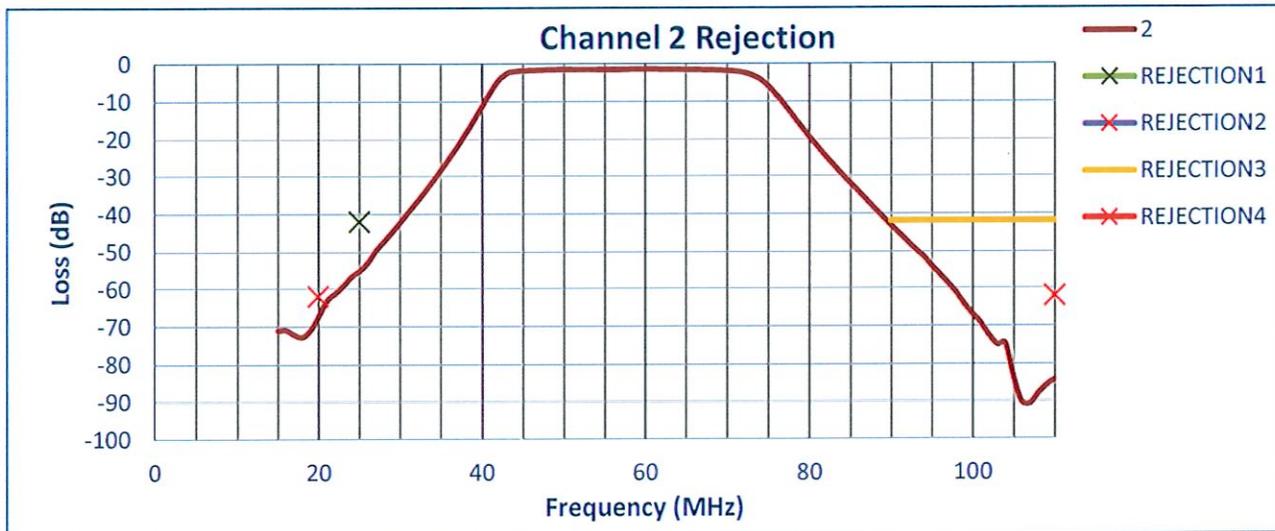
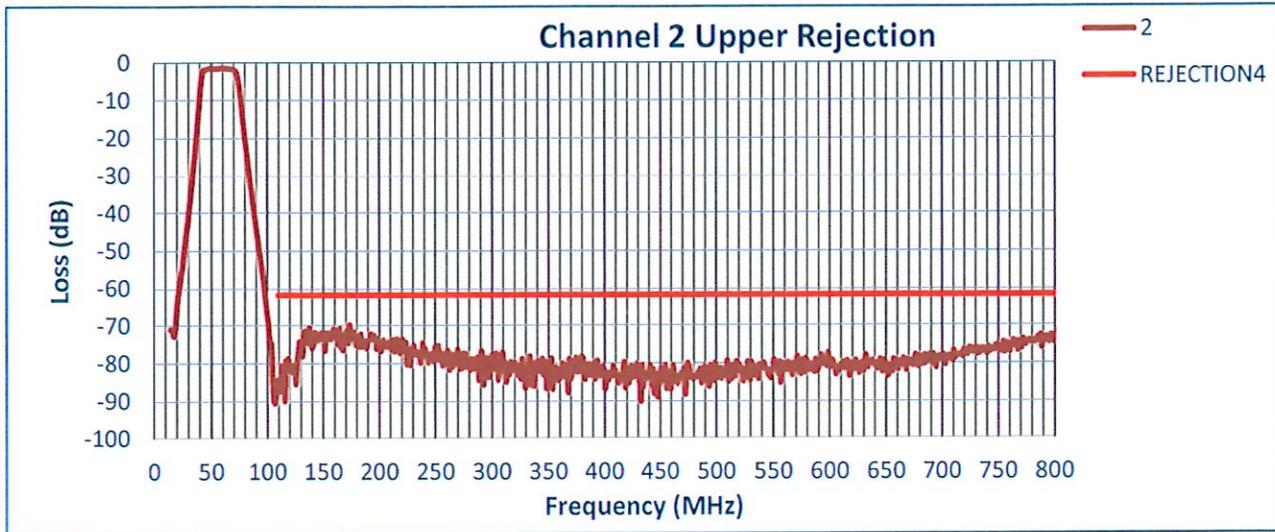
*Note: dBc Rejection Referenced to Passband Center Frequency

QA/QC Approval: *Cameron Kelly*

Date: 5/15/24

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