



# SUMMARY TEST DATA ON 6SFB-55185-SMA

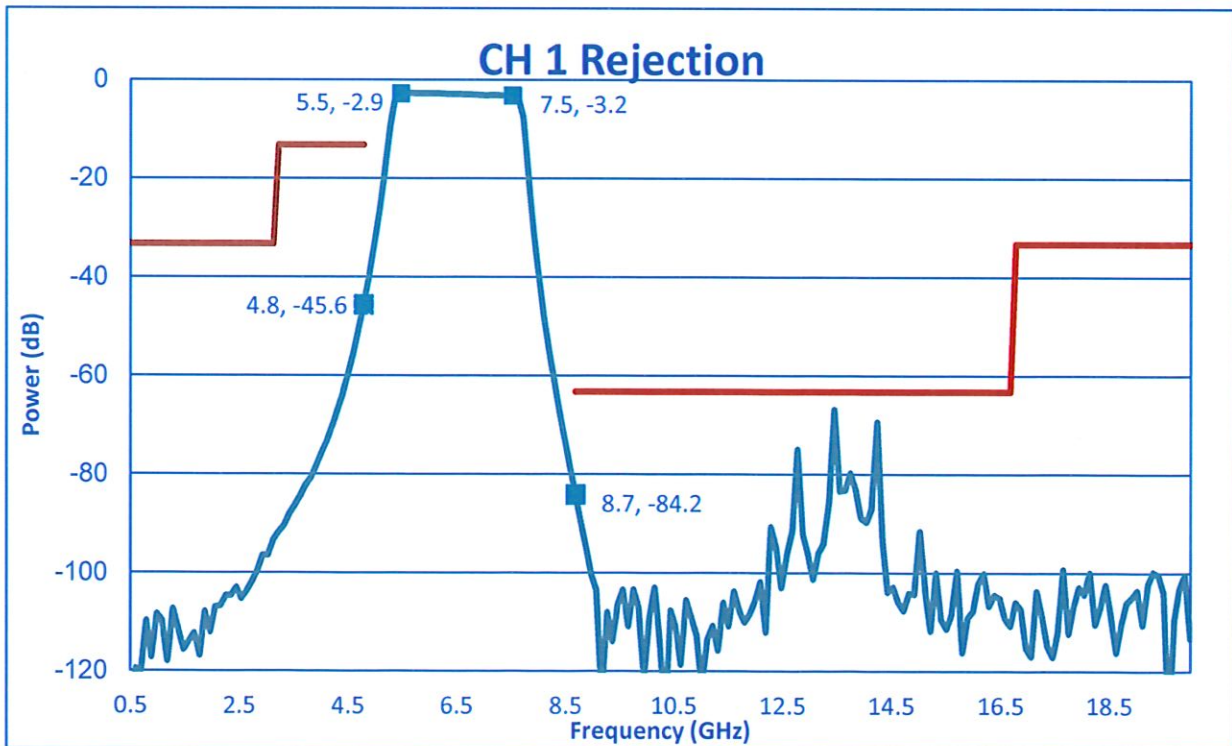
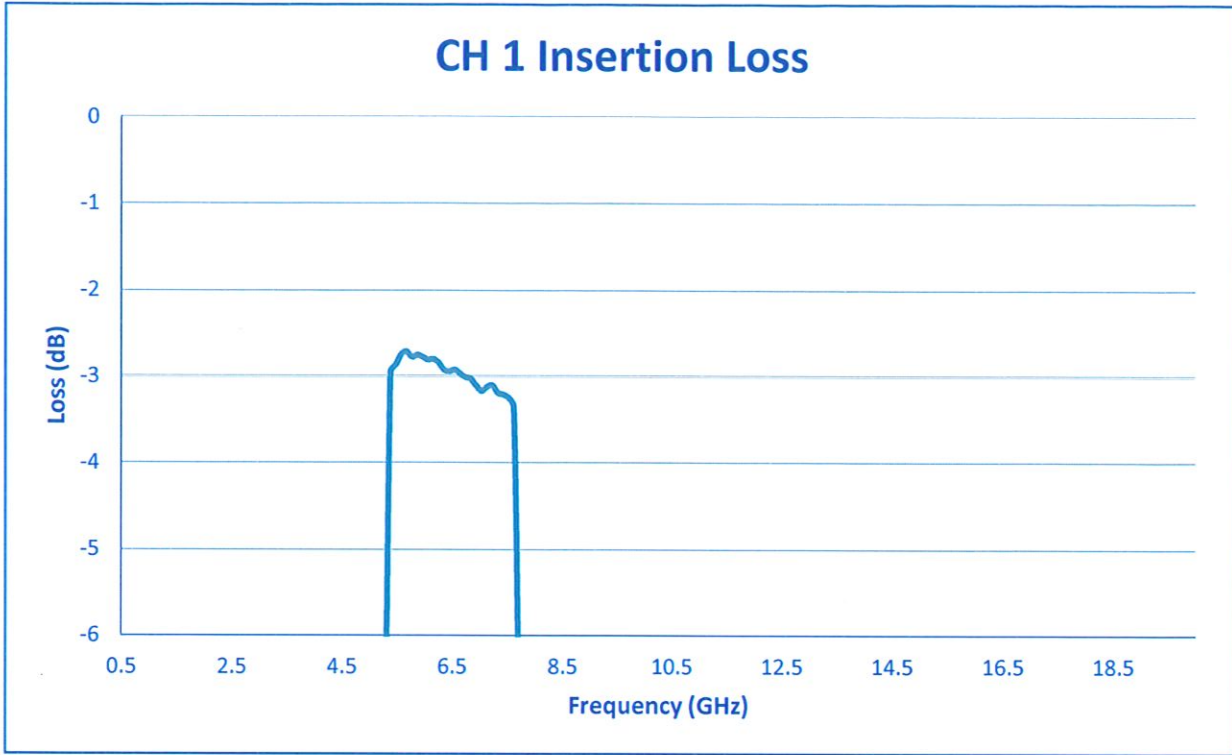
**CUSTOMER:** \_\_\_\_\_ **TESTED BY:** E. Kretz  
**SO:** \_\_\_\_\_ **TEMPERATURE:** 25°C  
**MODEL NO:** 6SFB-55185-SMA **DATE:** 3/30/2022  
**SERIAL NO:** PL36015/2213 **DRAWING NO:** 27643820 **REV:** A1

TEST ITEM NO:	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	REMARKS QA/QC
1	Frequency Range	5.5 GHz to 18.5 GHz	5.5 GHz to 18.5 GHz	PMI QA 2
2	Insertion Loss	4.0 dB TYP 6.0 dB MAX	5.02 dB	
3	VSWR	1.7:1 TYP. 2.0:1 MAX.	1.63:1	
4	Switching Speed	200 ns MAX	125 ns	
5	Input Power	1W MAX	1W MAX	
6	Power Supply	+5 VDC @ 550 mA MAX. -5 VDC @ 100mA MAX.	+5 VDC @ 507mA -5 VDC @ 75mA	
7	Ripple - 1GHz Bandwidth	1 dB	0.704 dB	
8	Channel #	Passband	Lower Rejection	
	1	(5.5 - 7.5 GHz)	DC-3.2≤-30dB 3.2-4.8≤-10dB	-88 dB -42 dB
	2	(6.5 - 9.7 GHz)	DC-4.7≤-30dB 4.7-5.5≤-10dB	-99 dB -69 dB
	3	(8.7 - 11.8 GHz)	DC-4.8≤-30dB 4.8-7.6≤-10dB	-101 dB -52 dB
	4	(10.8 - 14.5 GHz)	DC-5≤-30dB 5-10≤-10dB	-101 dB -43 dB
	5	(13.5 - 16.2 GHz)	DC-4.5≤-30dB 4.5-12≤-10dB	-102 dB -77 dB
	6	(15.2 - 18.5 GHz)	DC-13≤-60dB	-75 dB
9	Channel #	Passband	Upper Rejection	
	1	(5.5 - 7.5 GHz)	8.7-16.7≤-60dB 16.7-18≤-30dB	-64 dB -96 dB
	2	(6.5 - 9.7 GHz)	10.5≤-10dB 11.2-20≤-60dB	-47 dB -76 dB
	3	(8.7 - 11.8 GHz)	13≤-10dB 13.5-20≤-60dB	-39 dB -74 dB
	4	(10.8 - 14.5 GHz)	15.8-24≤-60dB	-61 dB
	5	(13.5 - 16.2 GHz)	16.8≤-10dB 18-24≤-60dB	-24 dB -76 dB
	6	(15.2 - 18.5 GHz)	19.5-20≤-10dB 20-24≤-30dB	-31 dB -49 dB

**QA/QC Approval:** \_\_\_\_\_ **PMI QA 2** **Date:** 3/30/2022  
 7331-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 FAX: (301)662-1731  
 Email: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)

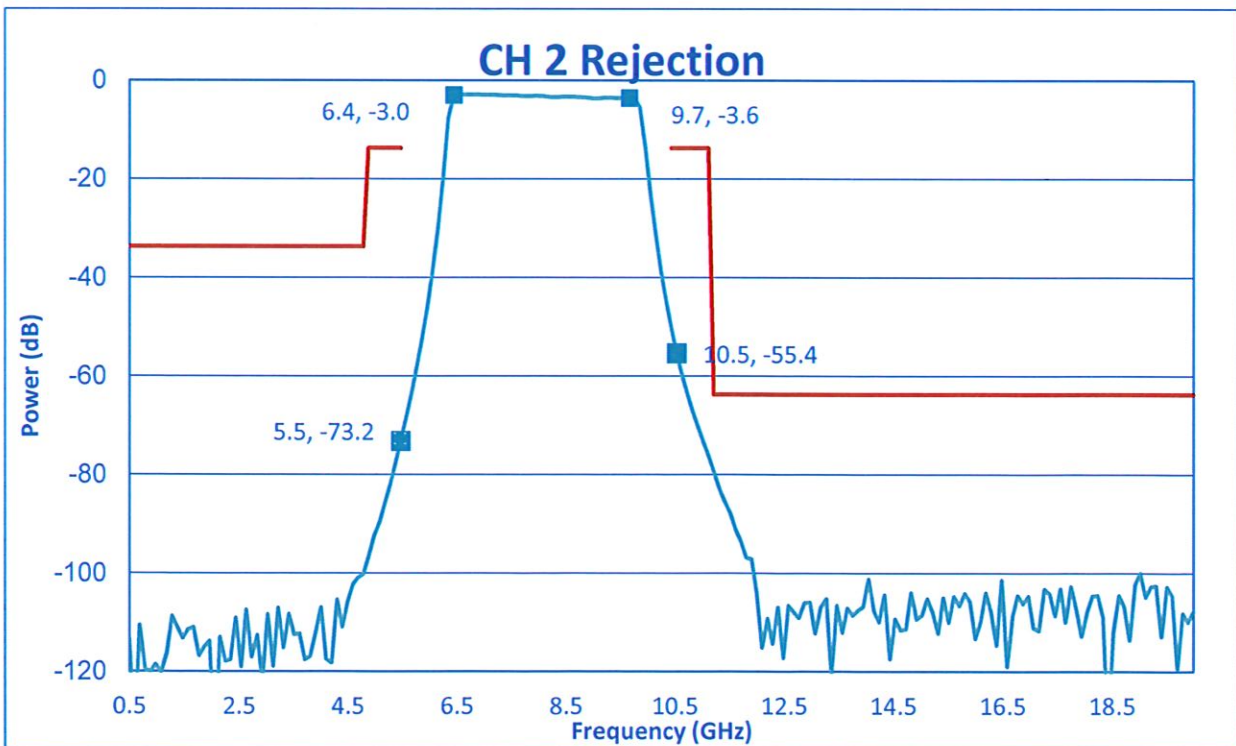
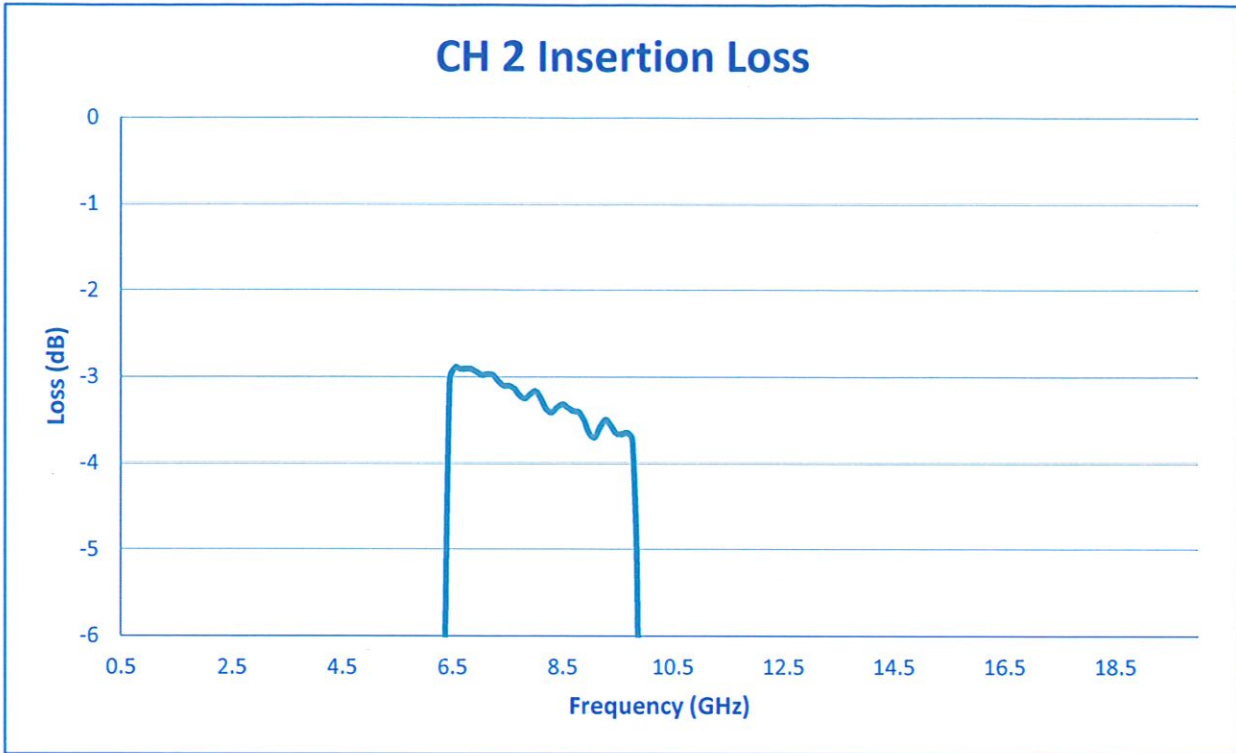


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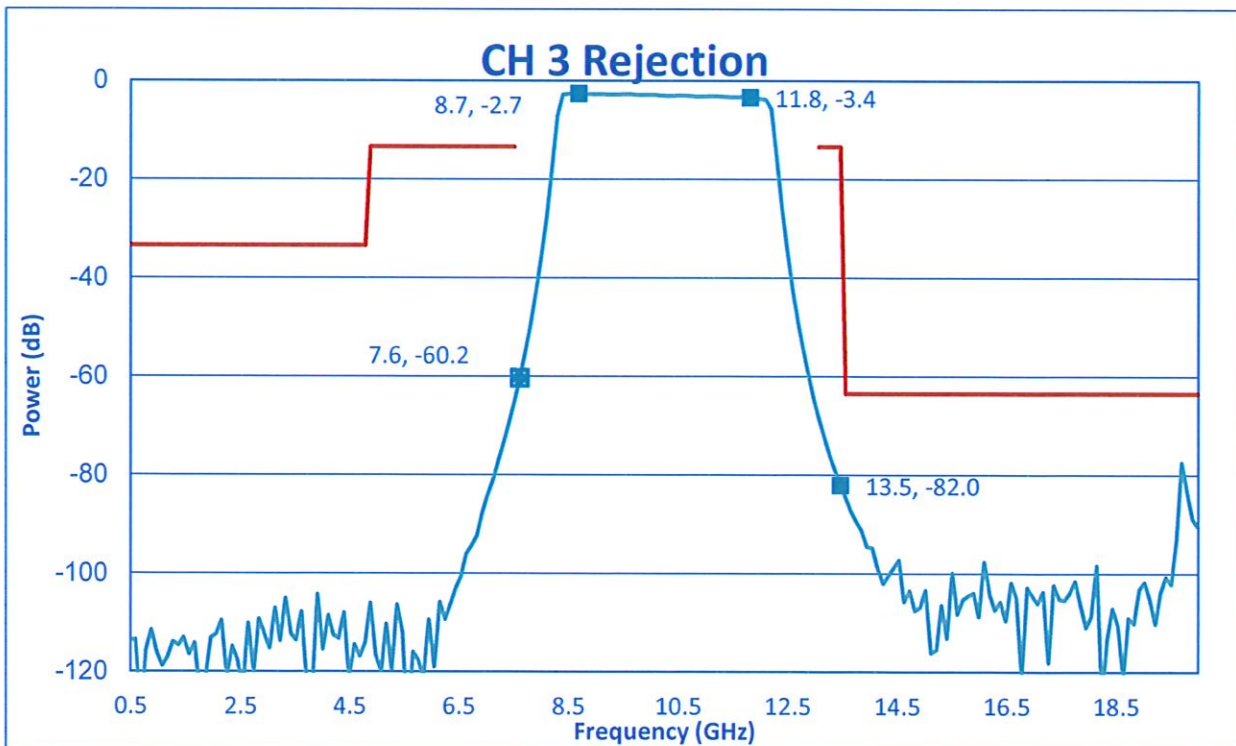
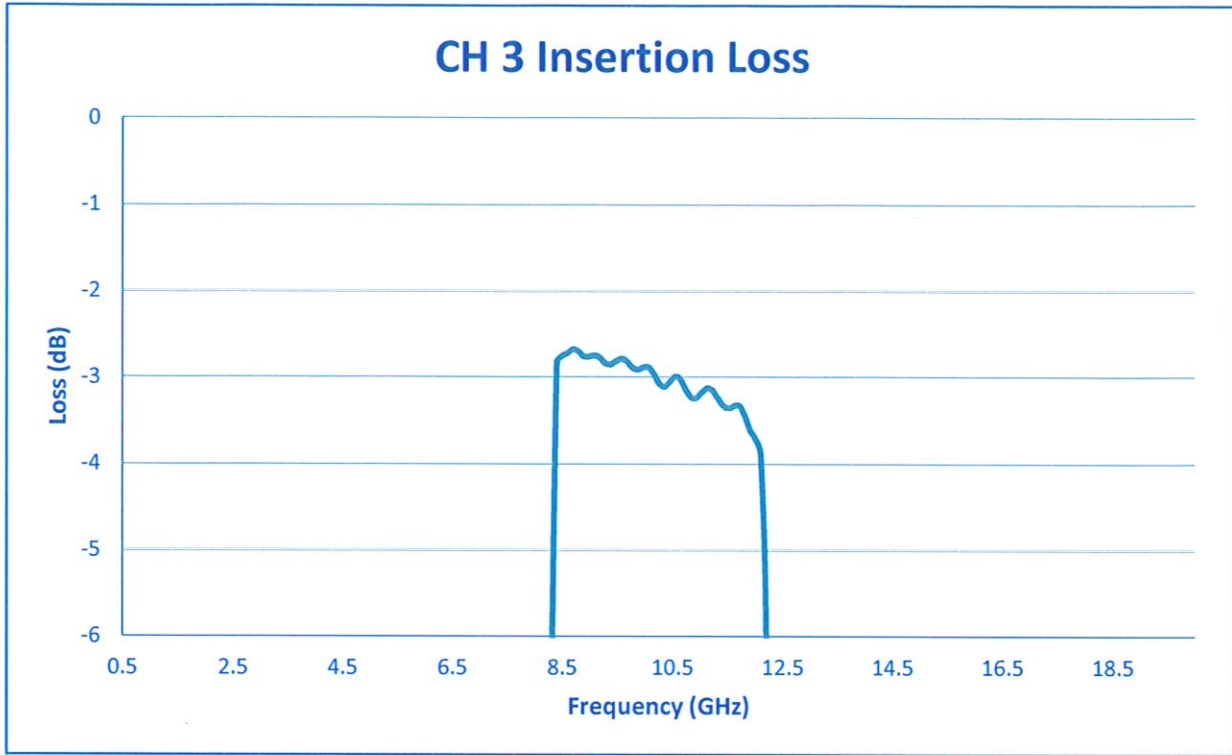


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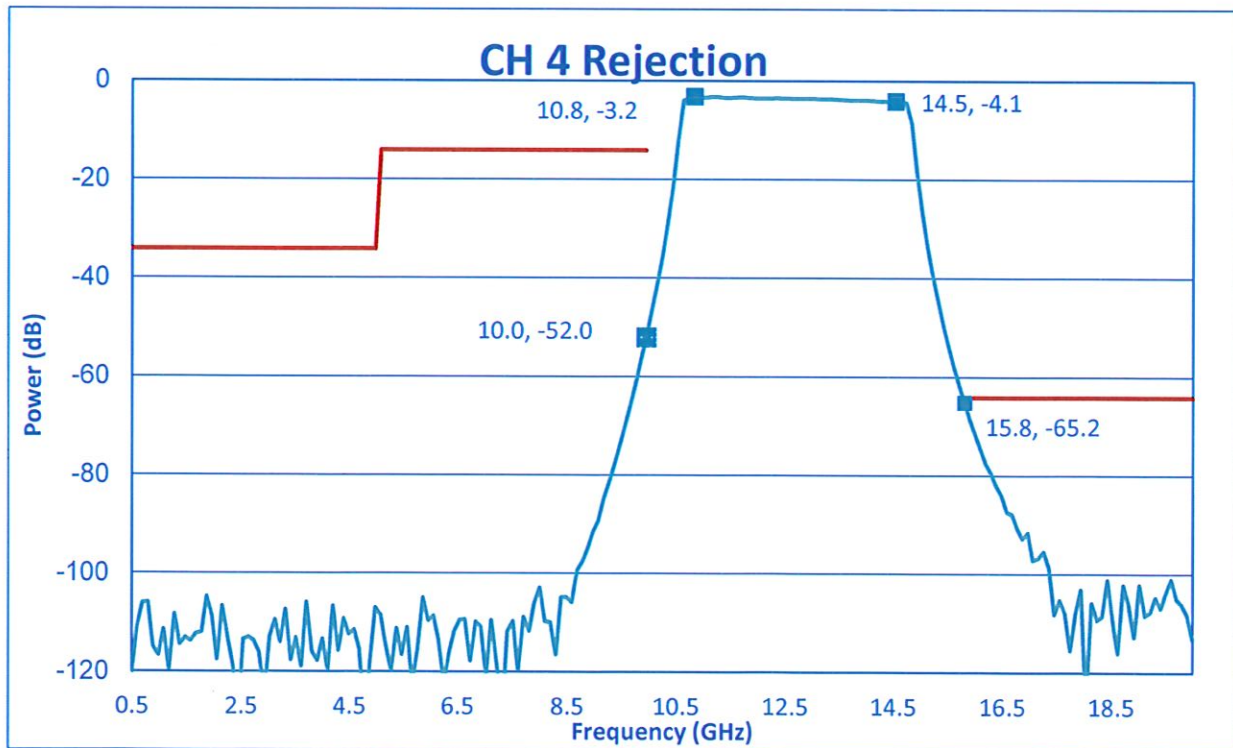
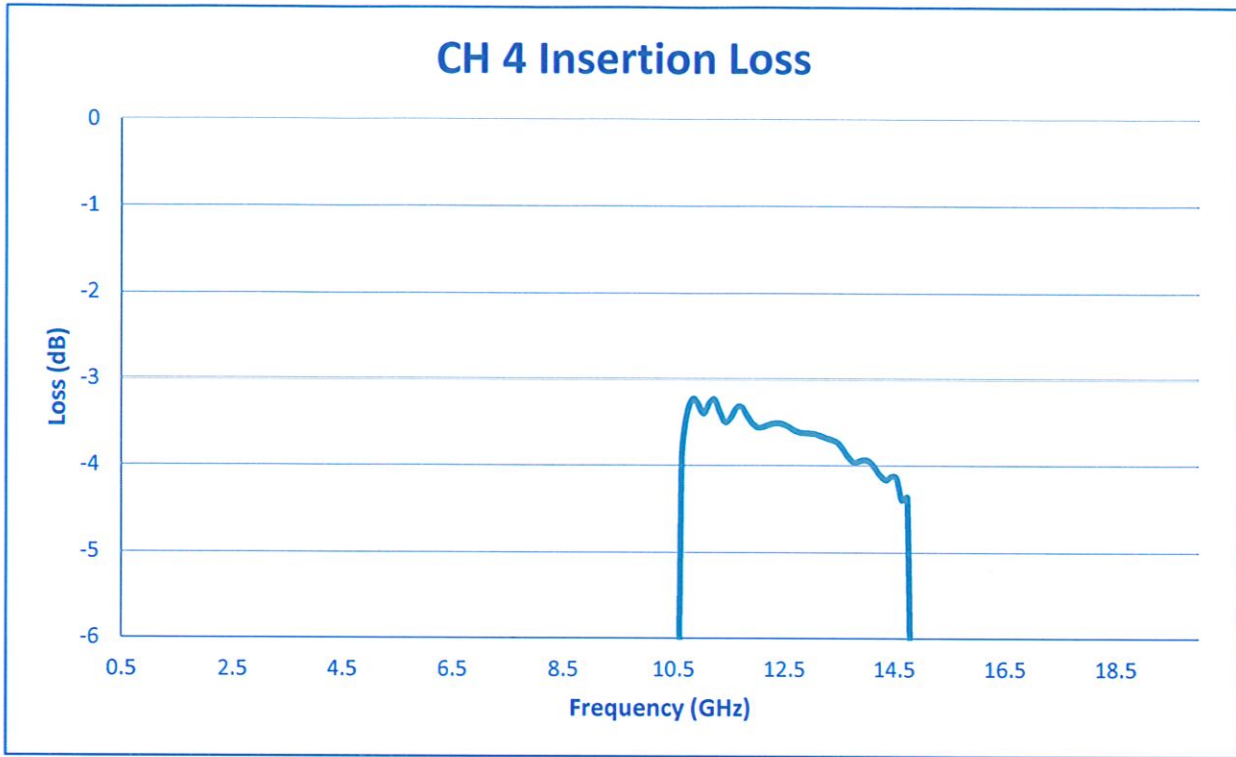


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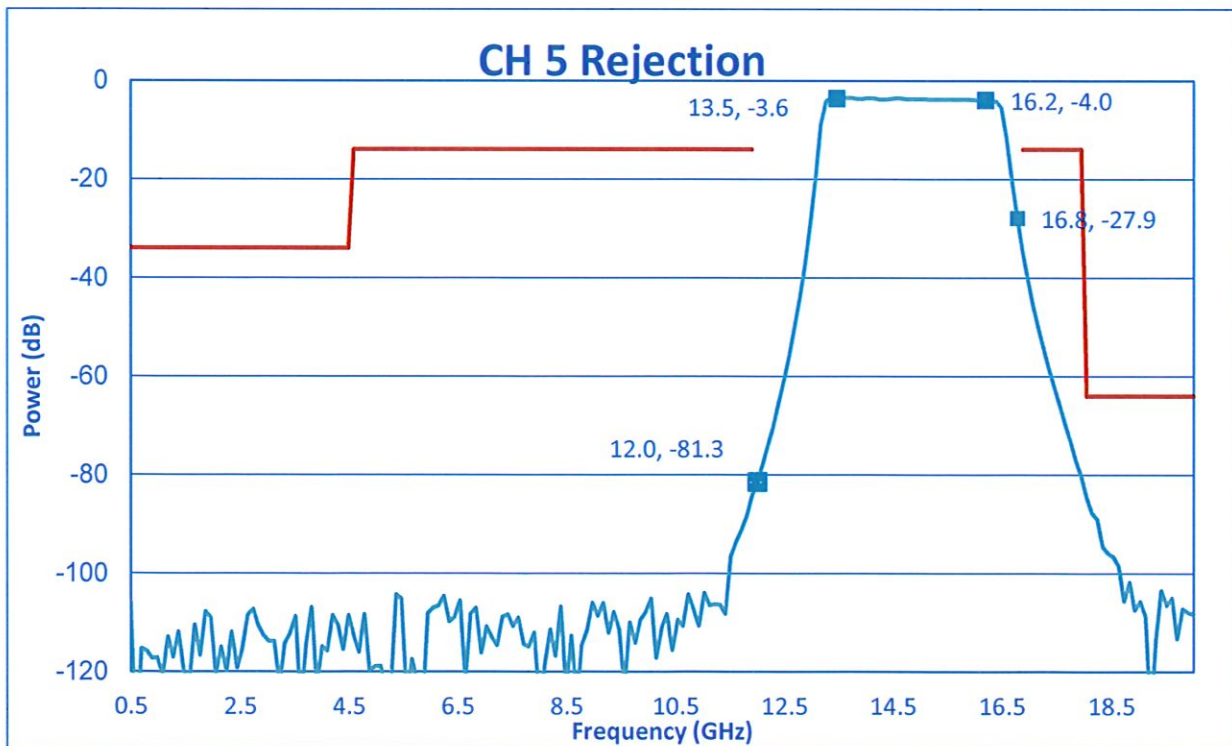
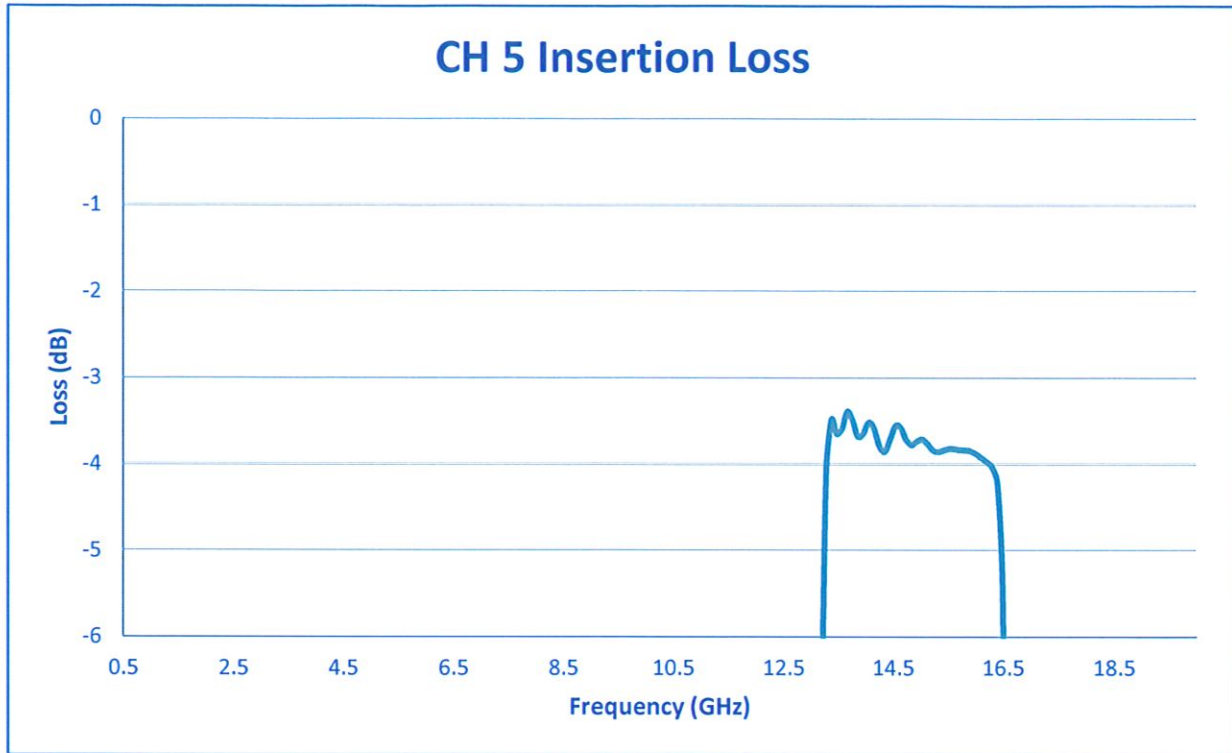


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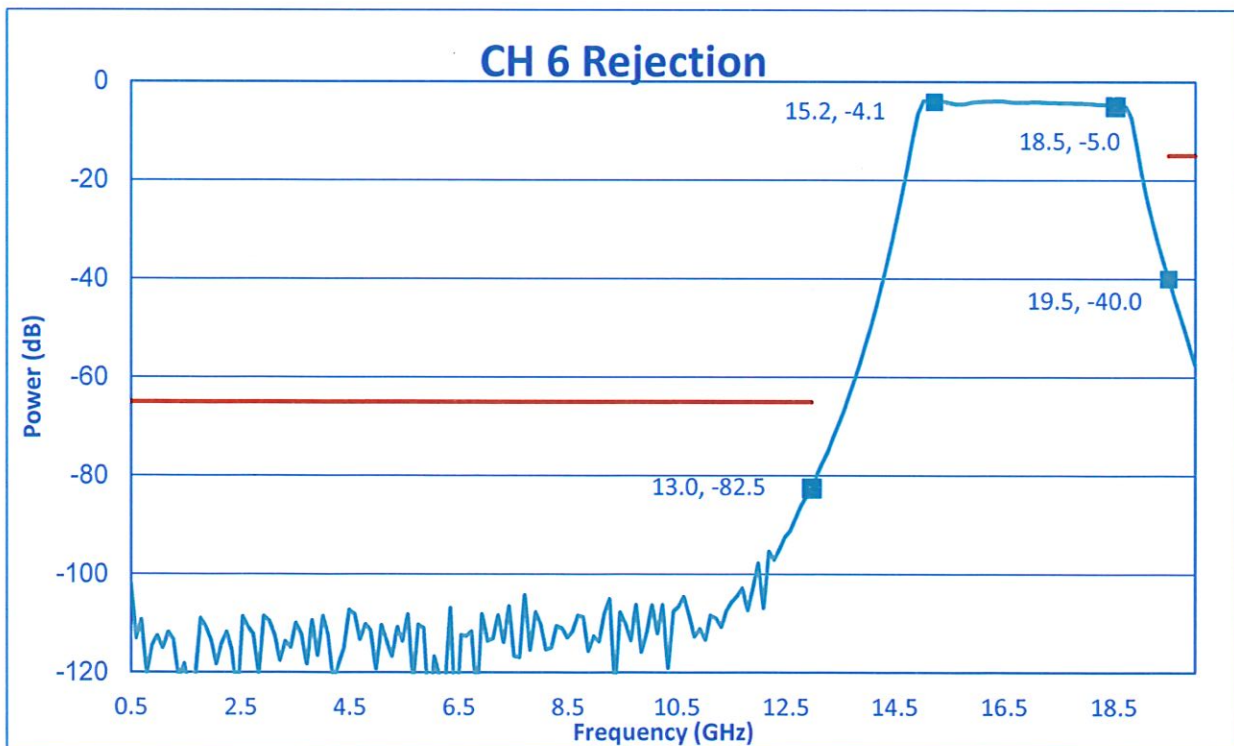
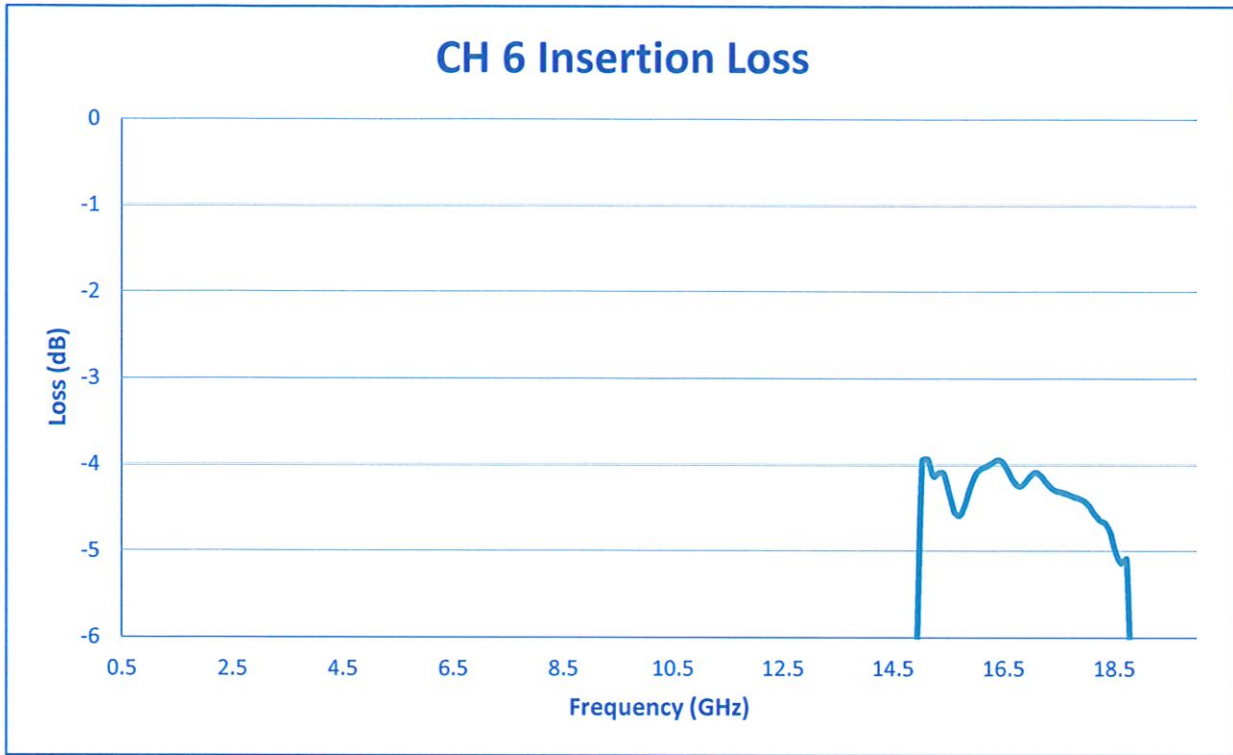


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