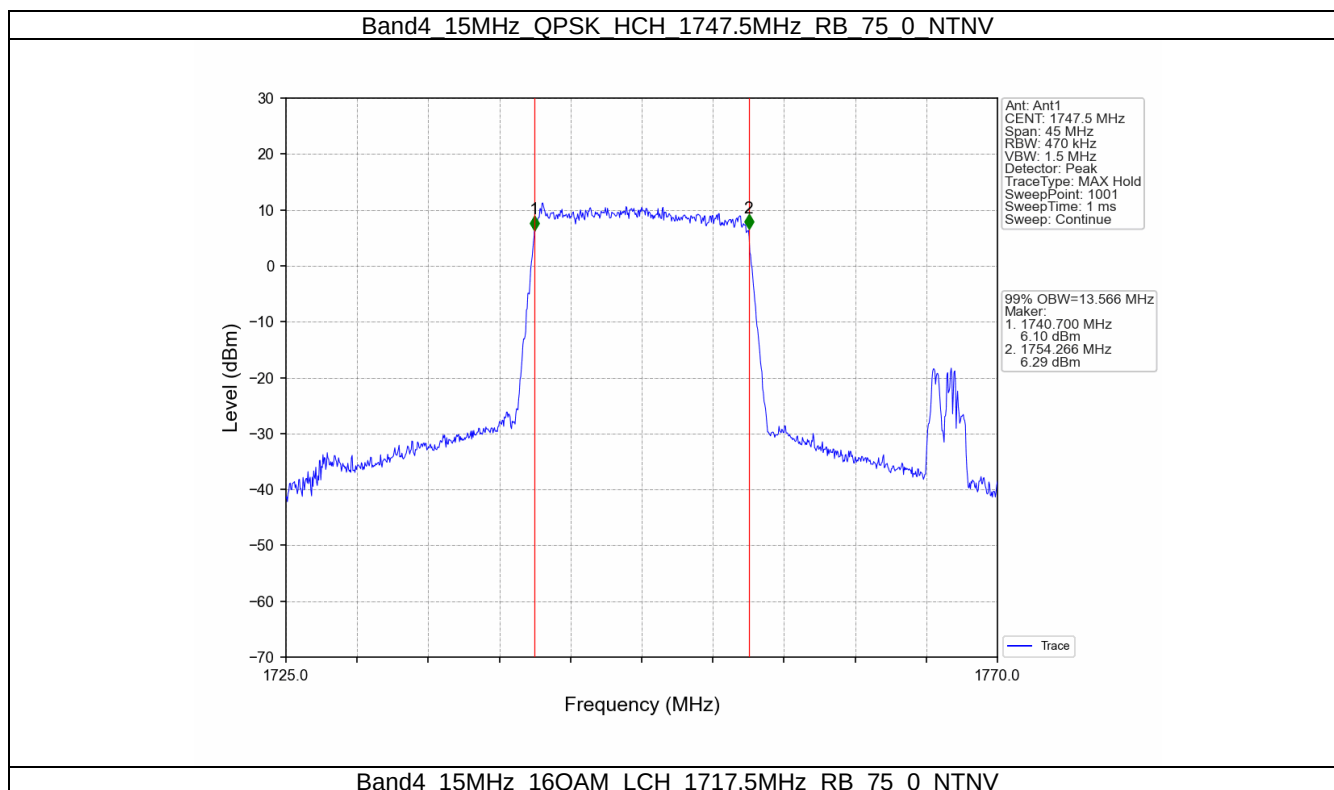




Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV

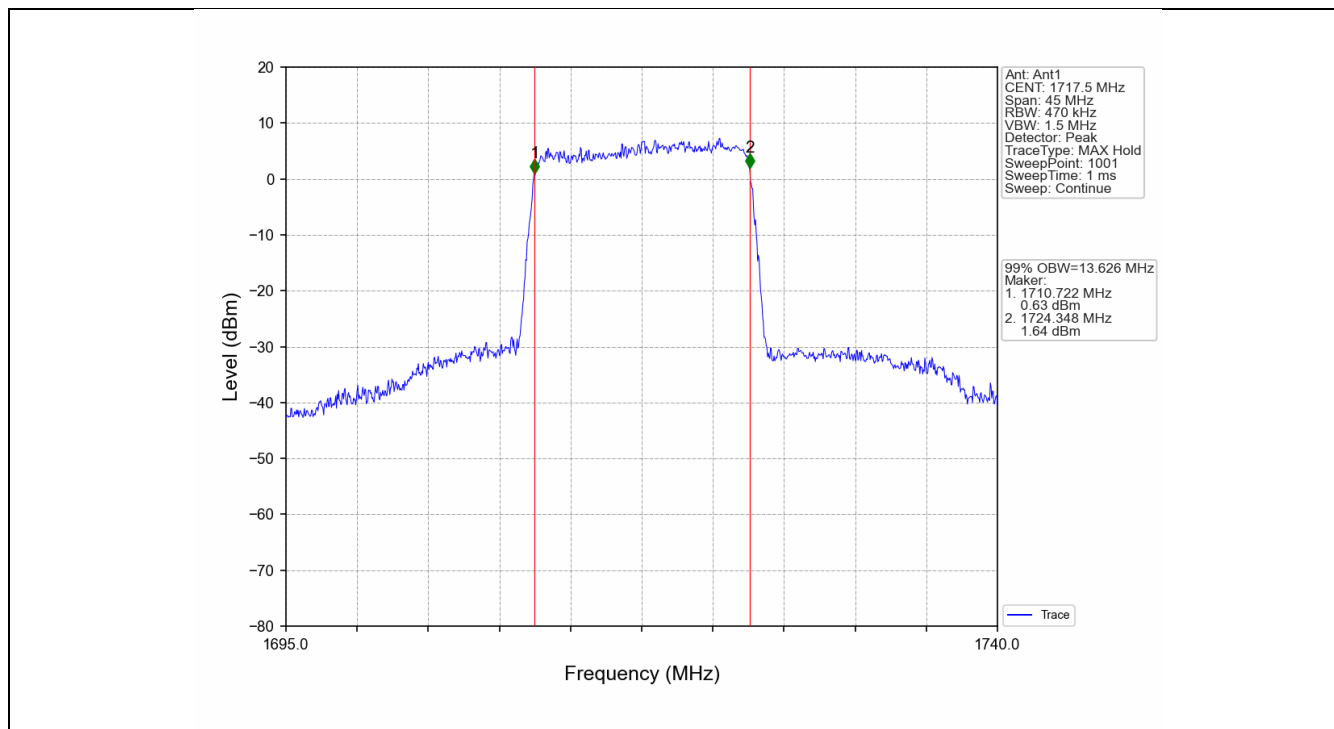


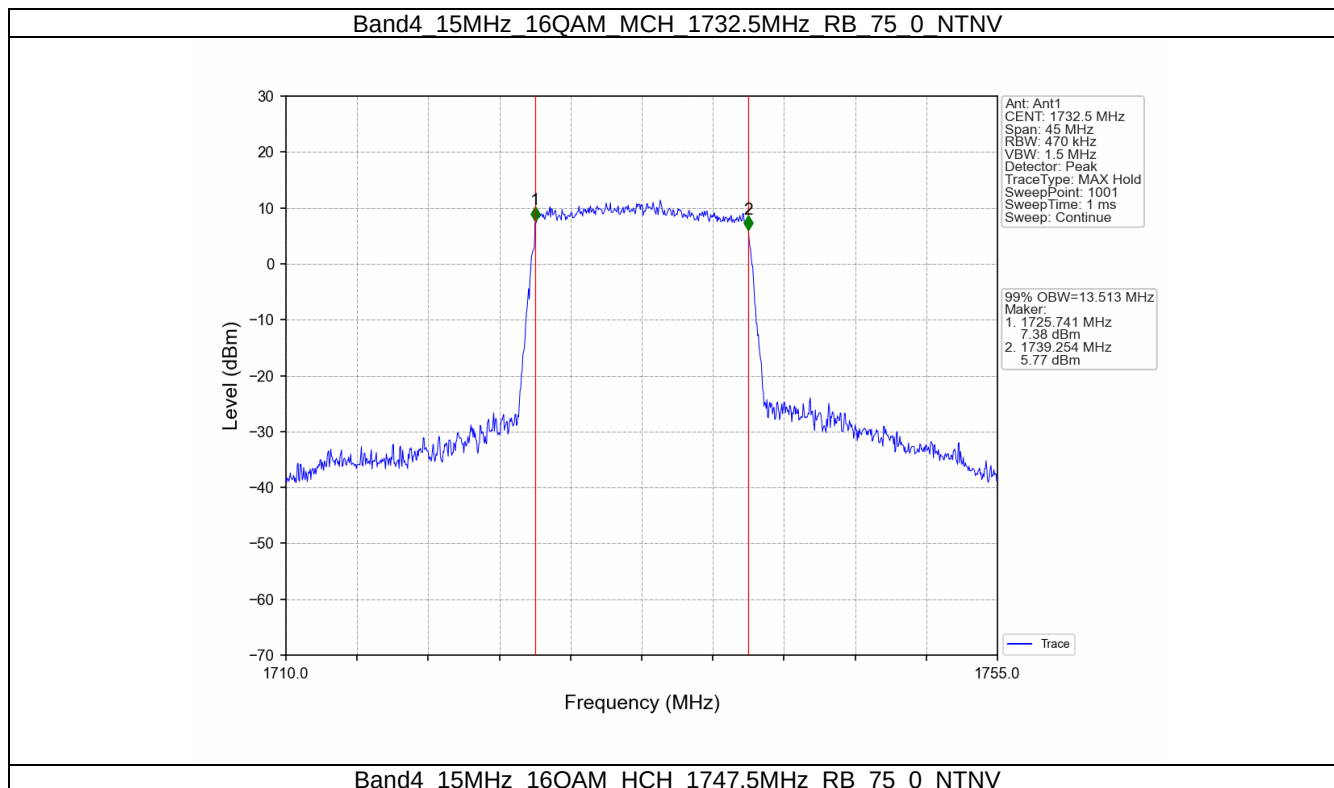
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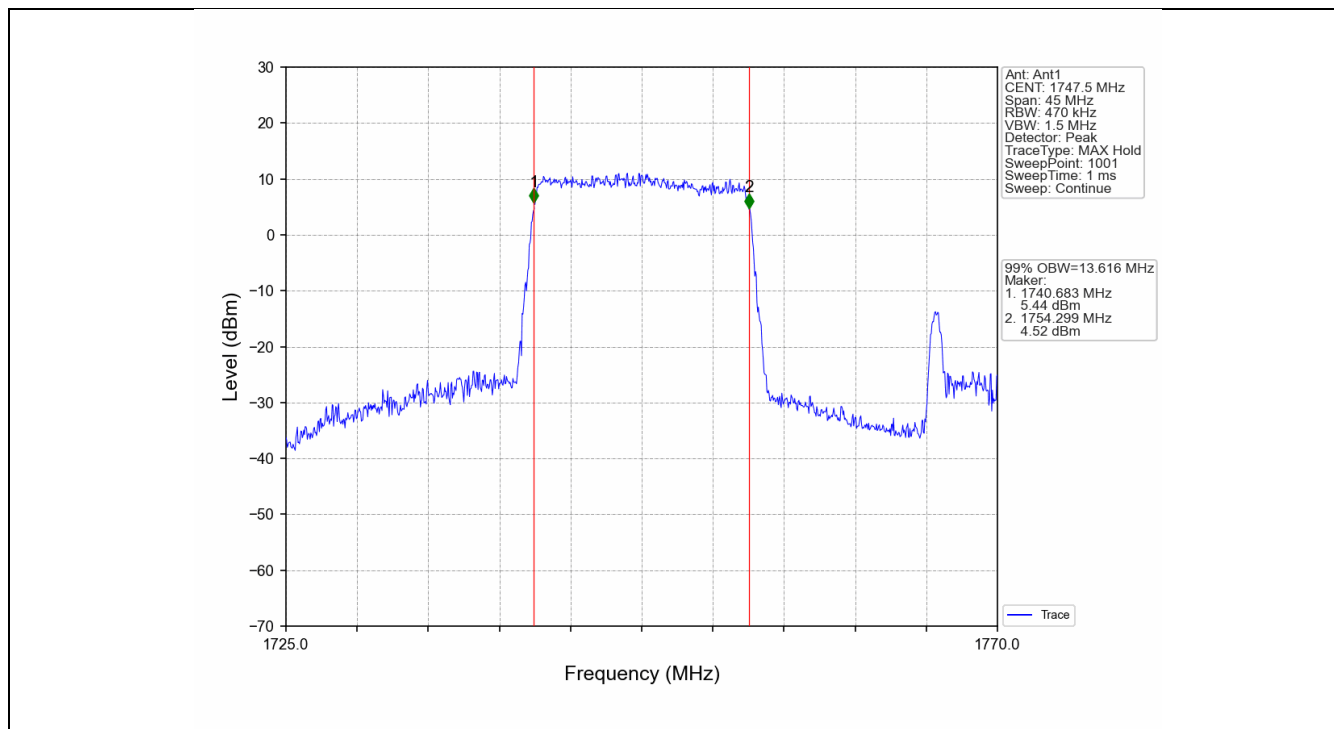
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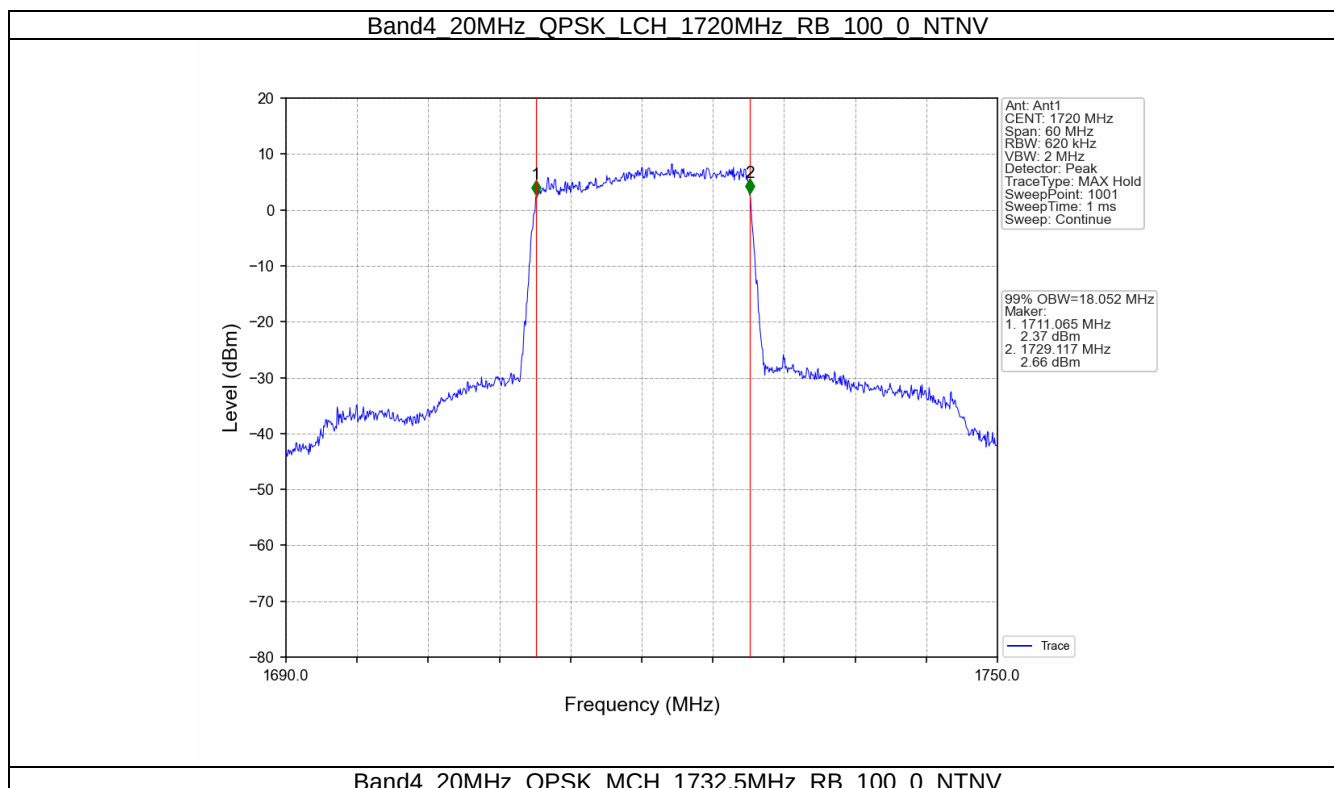


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Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV

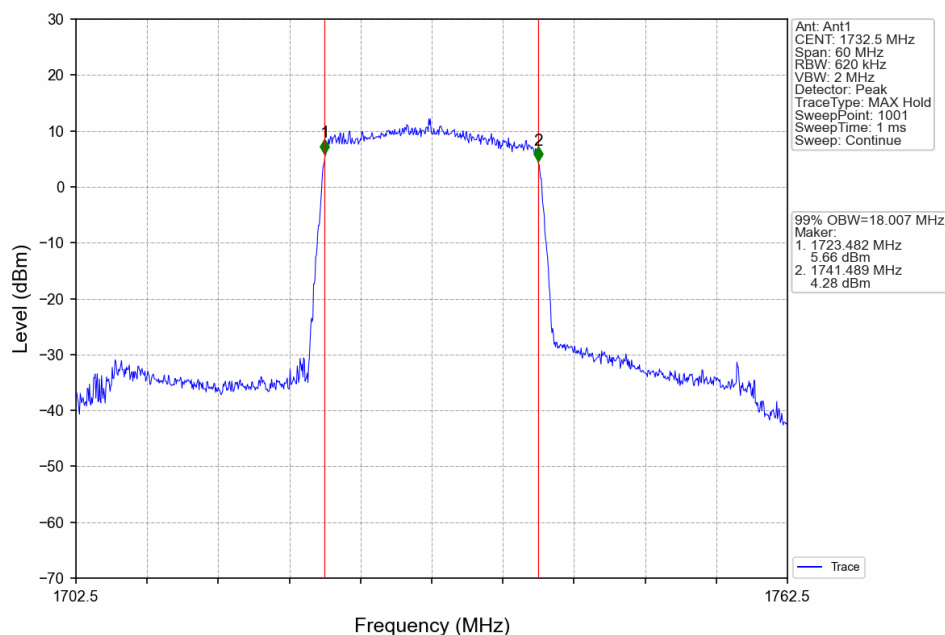


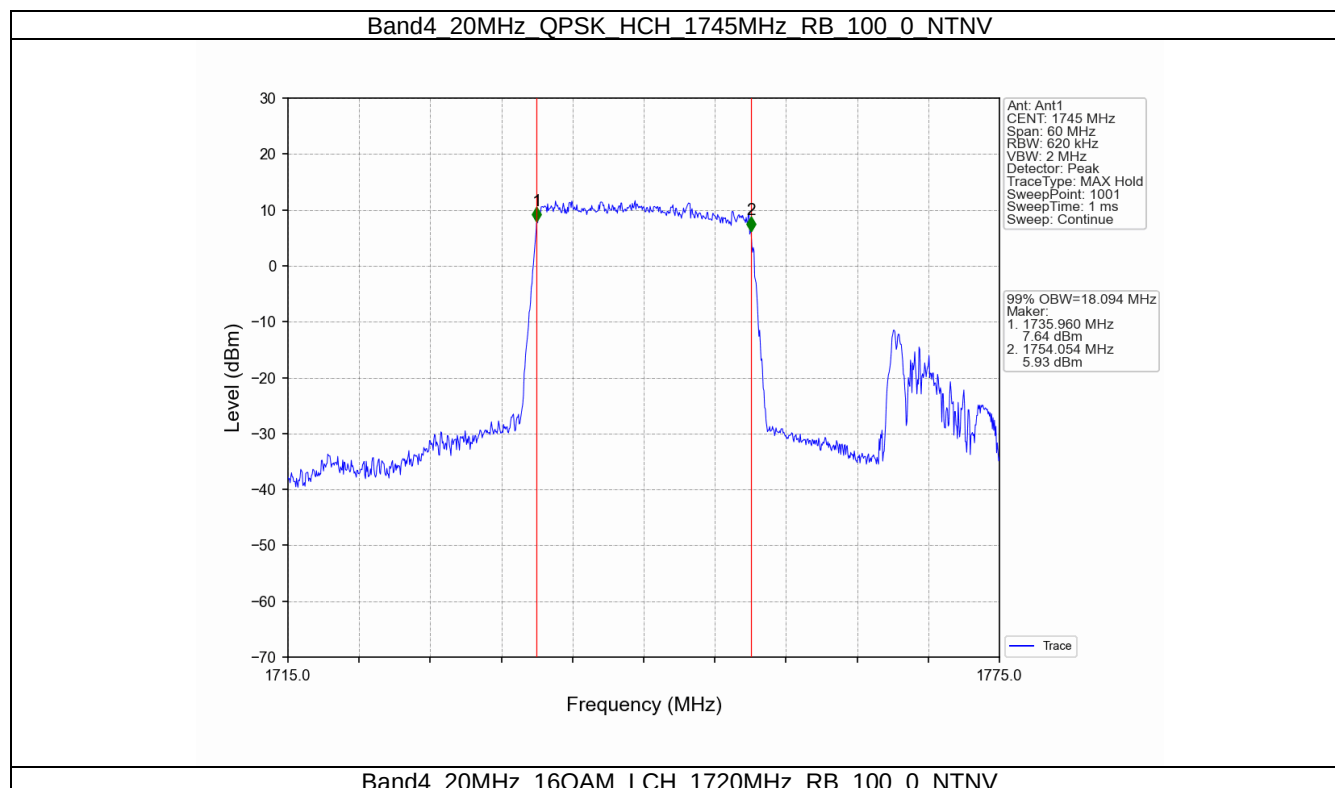
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Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

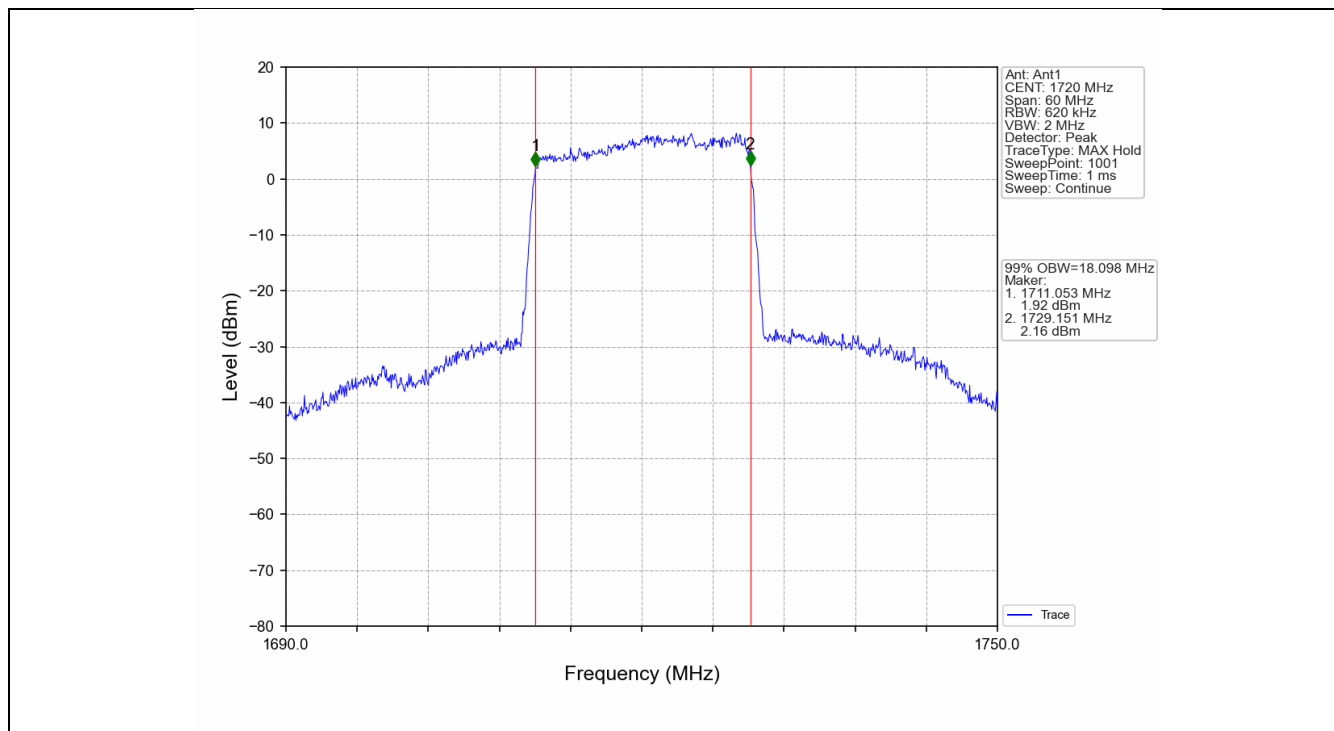


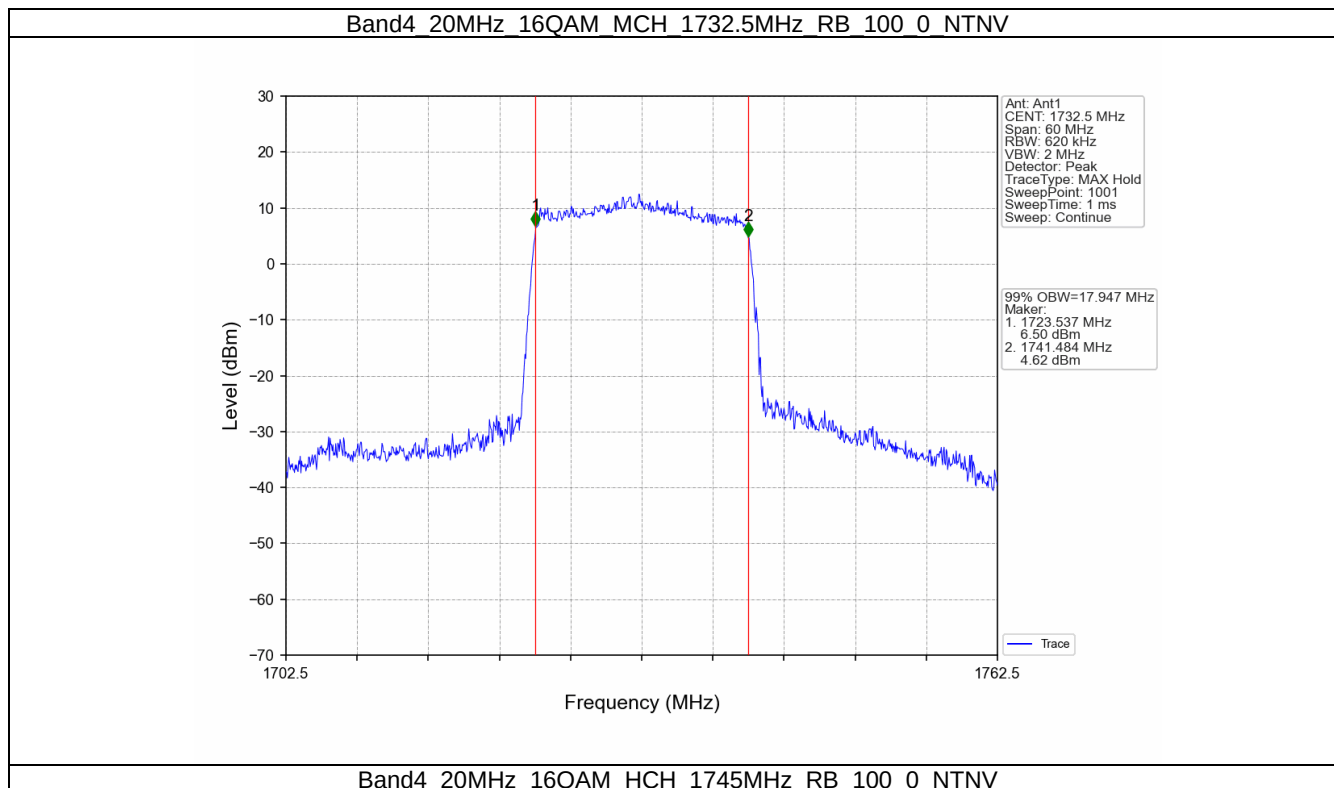
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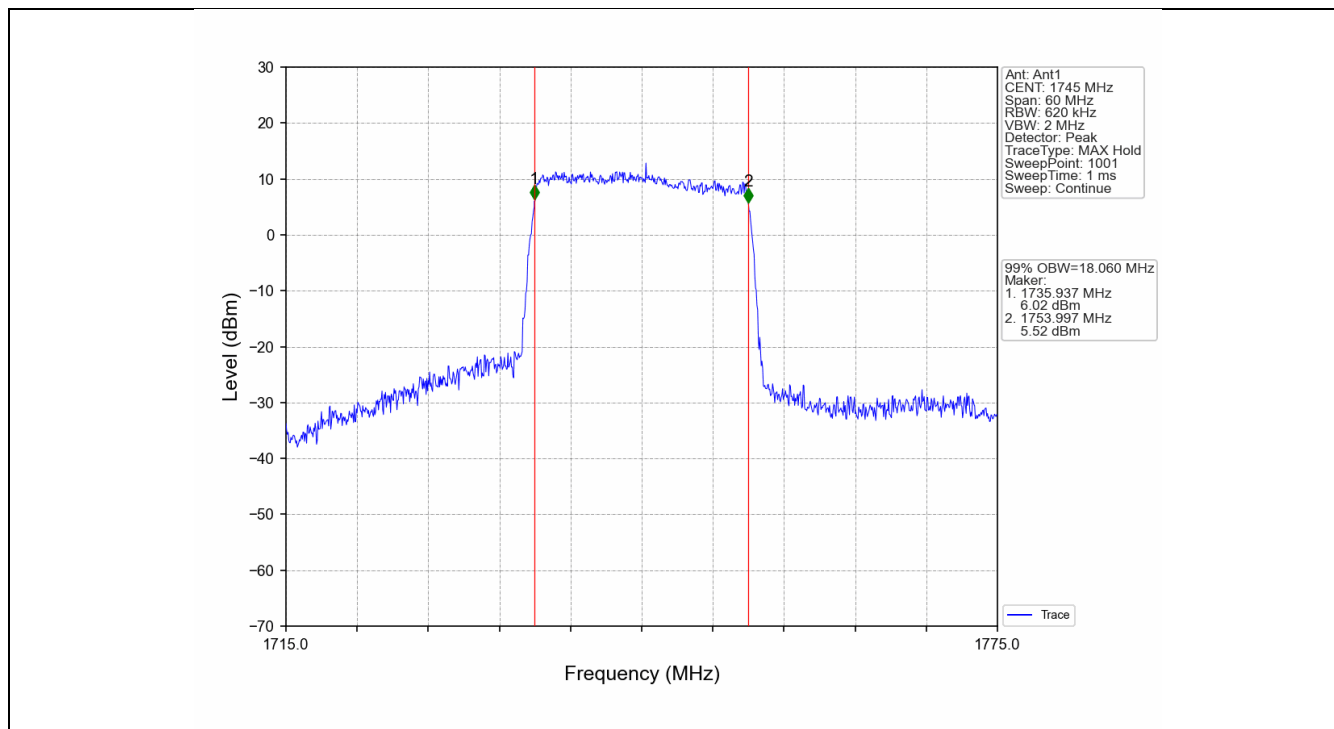
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2.2 Band4_XDB

2.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.592	Pass
		1732.5	6	0	1.558	Pass
		1754.3	6	0	1.593	Pass
	16QAM	1710.7	6	0	1.556	Pass
		1732.5	6	0	1.611	Pass
		1754.3	6	0	1.577	Pass
3	QPSK	1711.5	15	0	3.493	Pass
		1732.5	15	0	3.515	Pass
		1753.5	15	0	3.466	Pass
	16QAM	1711.5	15	0	3.482	Pass
		1732.5	15	0	3.618	Pass
		1753.5	15	0	3.597	Pass
5	QPSK	1712.5	25	0	5.450	Pass
		1732.5	25	0	5.466	Pass
		1752.5	25	0	5.459	Pass
	16QAM	1712.5	25	0	5.438	Pass
		1732.5	25	0	5.476	Pass
		1752.5	25	0	5.420	Pass
10	QPSK	1715	50	0	10.242	Pass
		1732.5	50	0	10.176	Pass
		1750	50	0	10.135	Pass
	16QAM	1715	50	0	10.233	Pass
		1732.5	50	0	10.093	Pass
		1750	50	0	10.091	Pass
15	QPSK	1717.5	75	0	15.004	Pass
		1732.5	75	0	14.887	Pass
		1747.5	75	0	14.978	Pass
	16QAM	1717.5	75	0	14.926	Pass
		1732.5	75	0	14.830	Pass
		1747.5	75	0	15.022	Pass
20	QPSK	1720	100	0	19.577	Pass
		1732.5	100	0	19.620	Pass
		1745	100	0	19.736	Pass
	16QAM	1720	100	0	19.614	Pass
		1732.5	100	0	19.589	Pass
		1745	100	0	19.599	Pass





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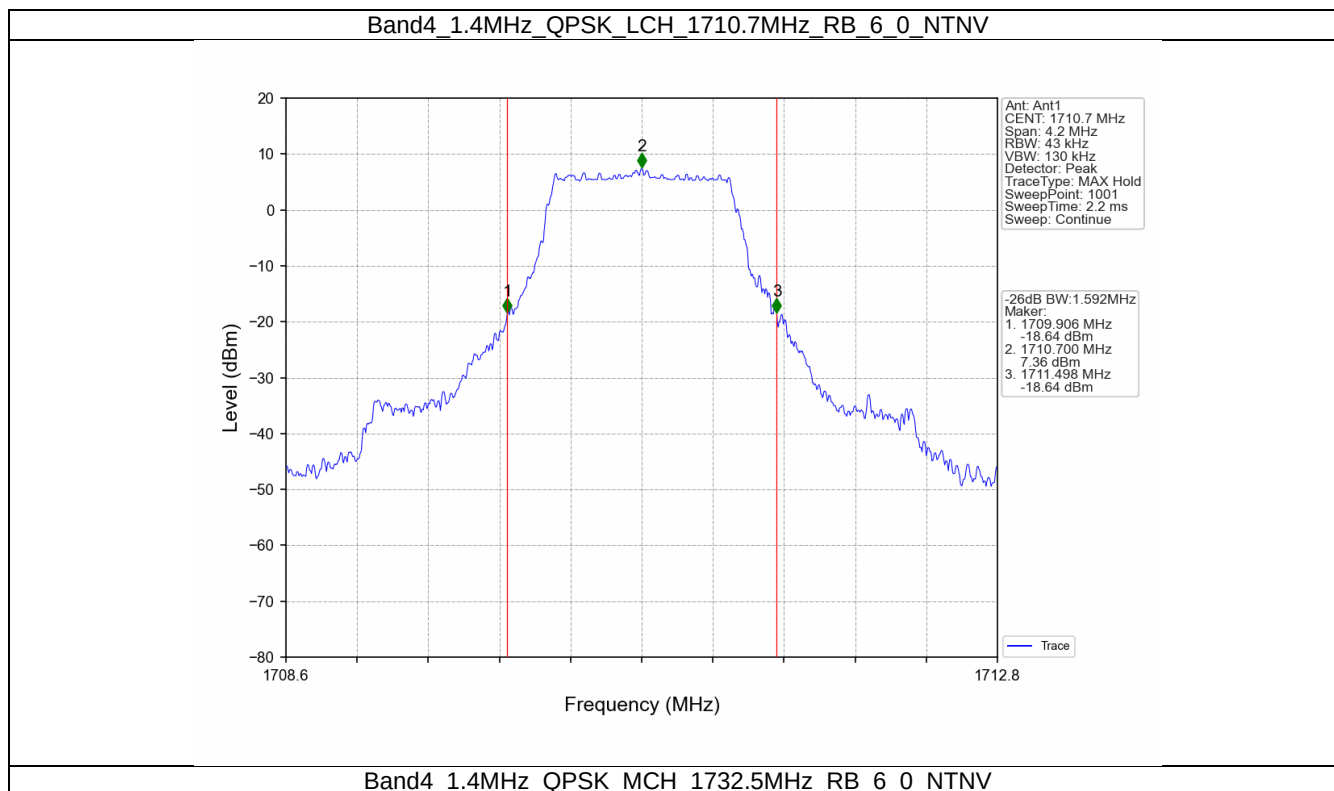
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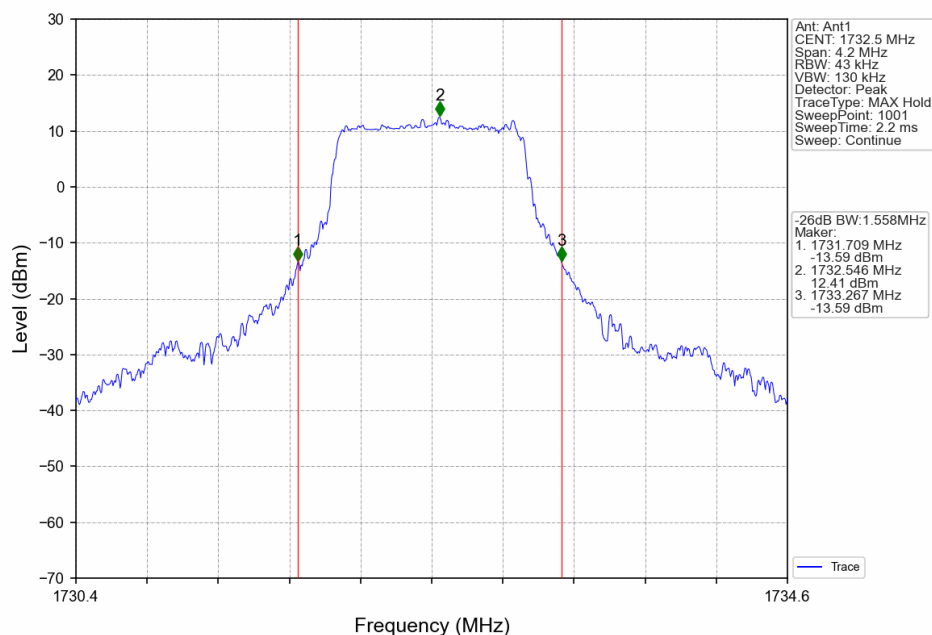
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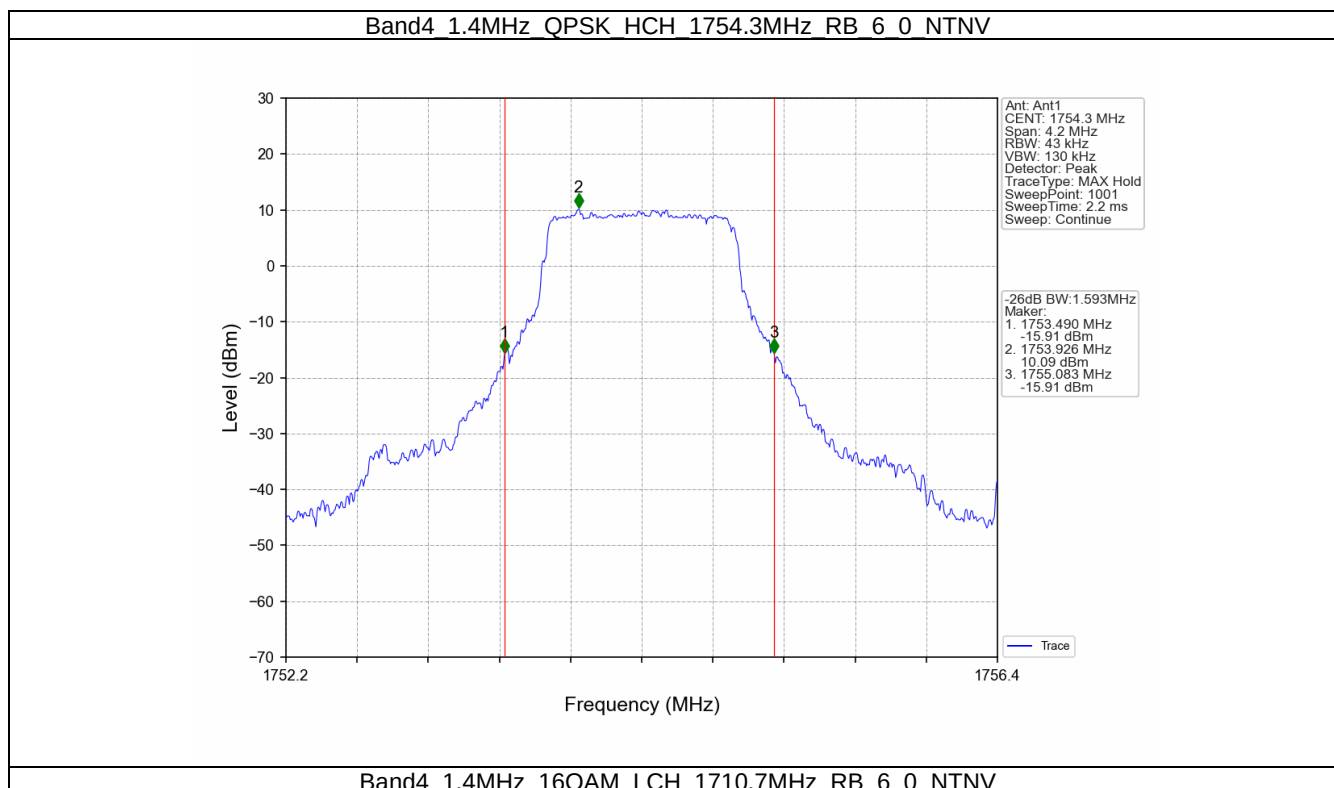
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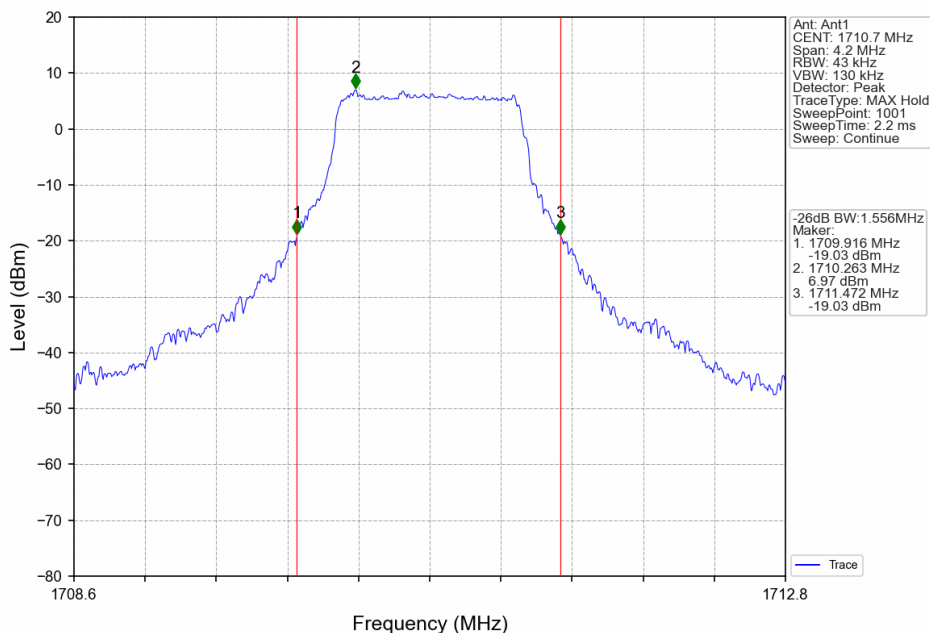
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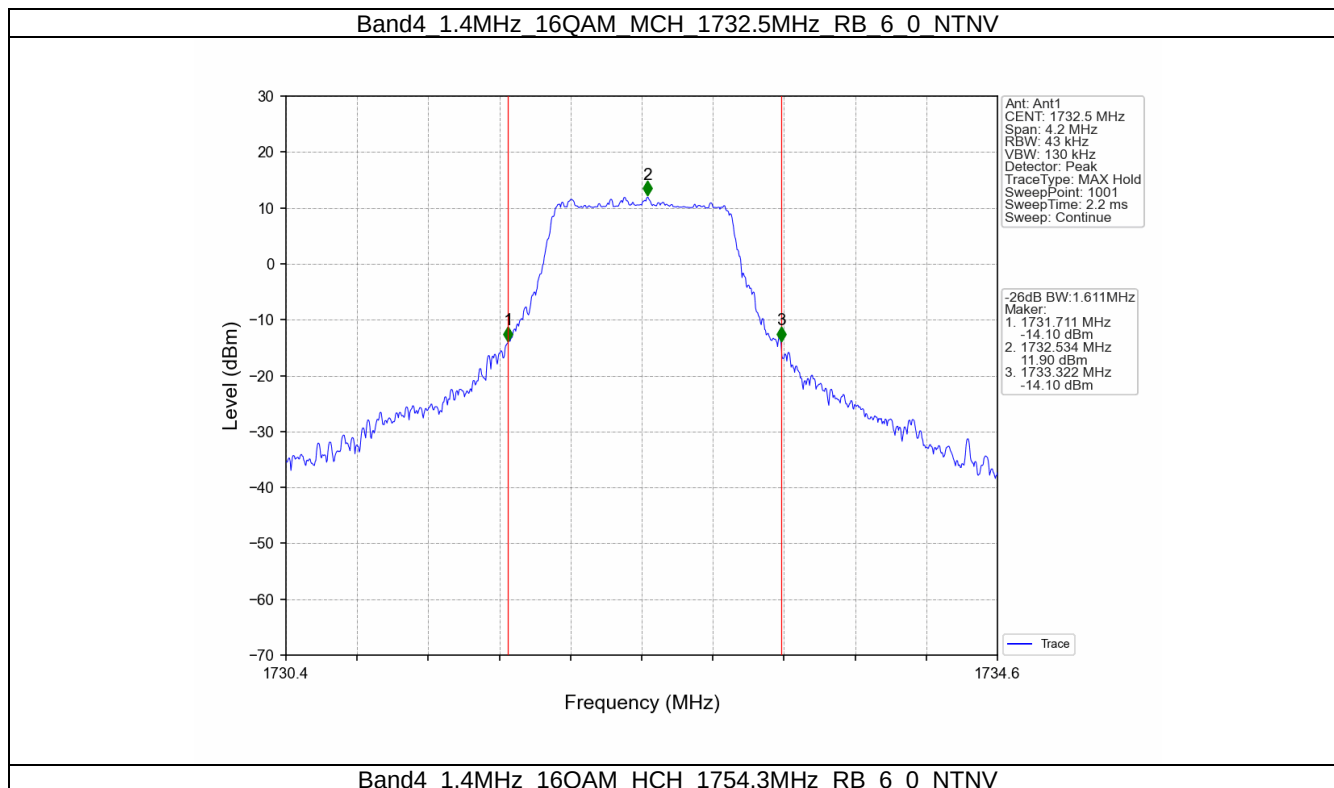
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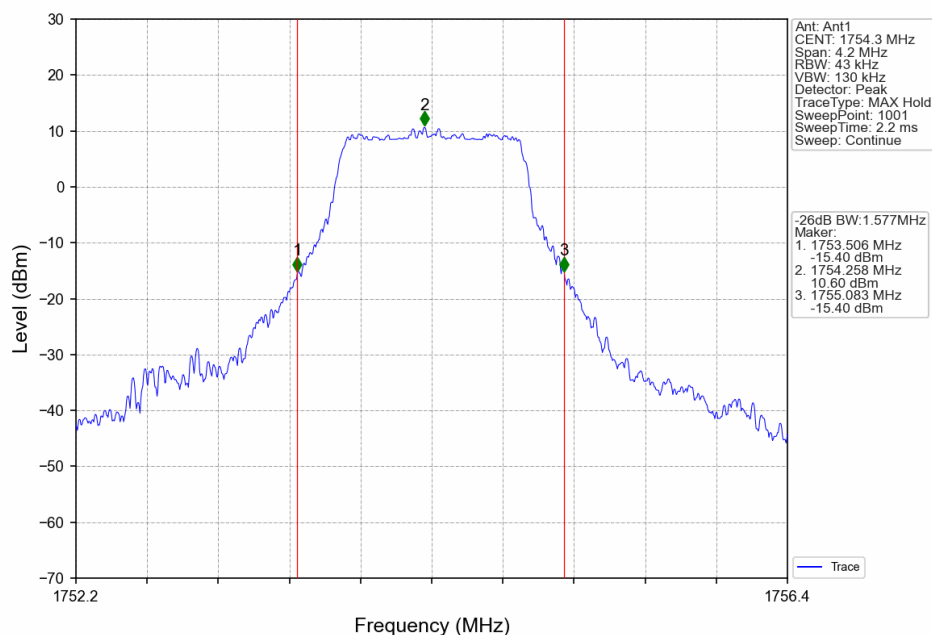


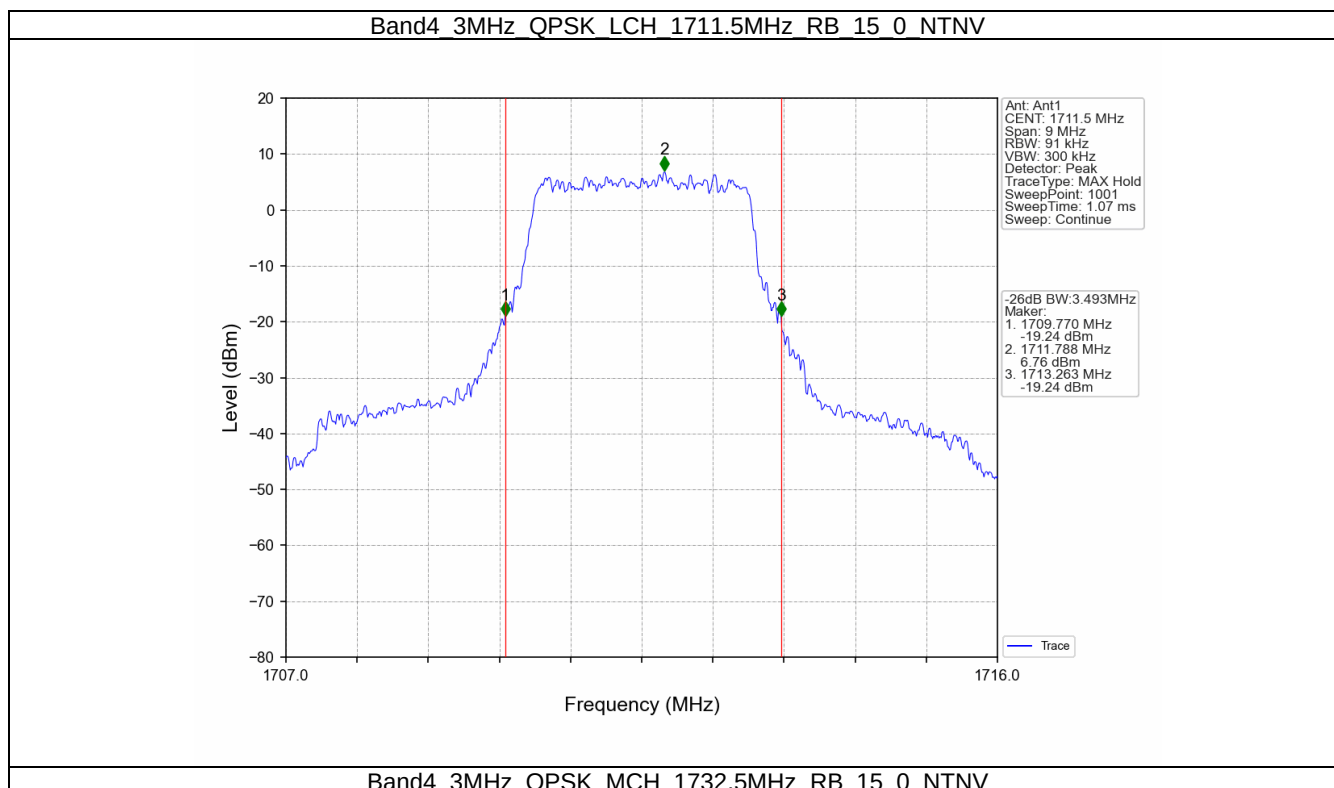


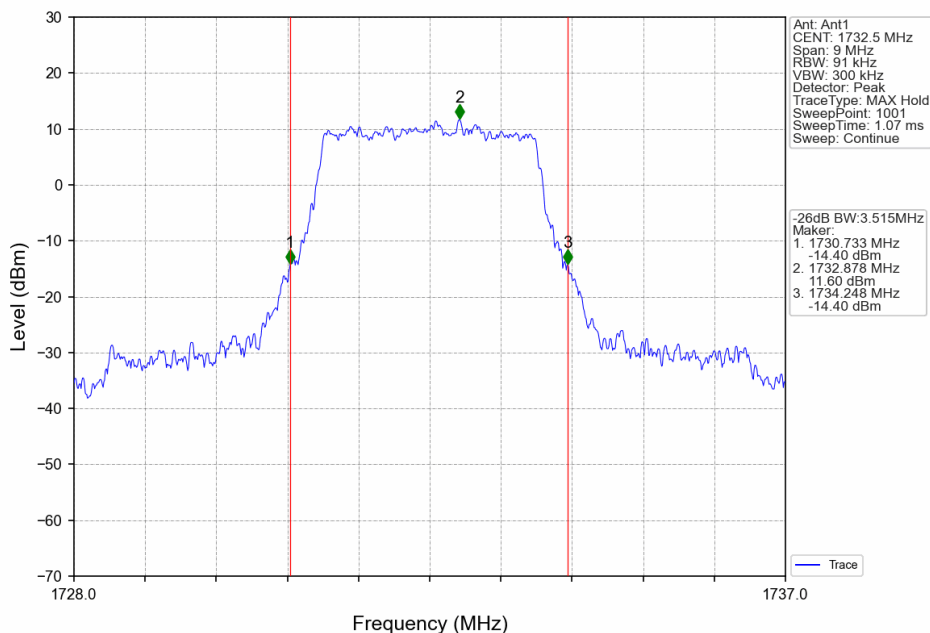


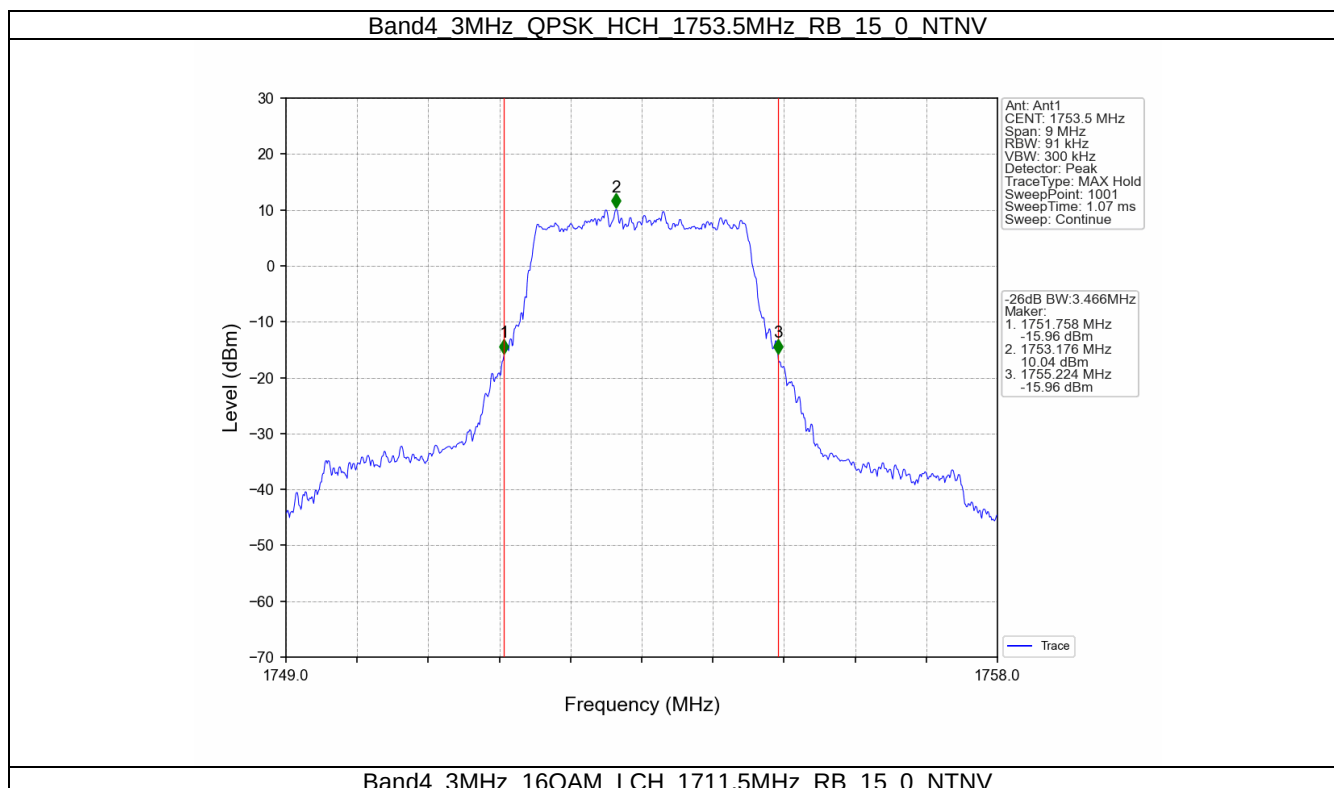


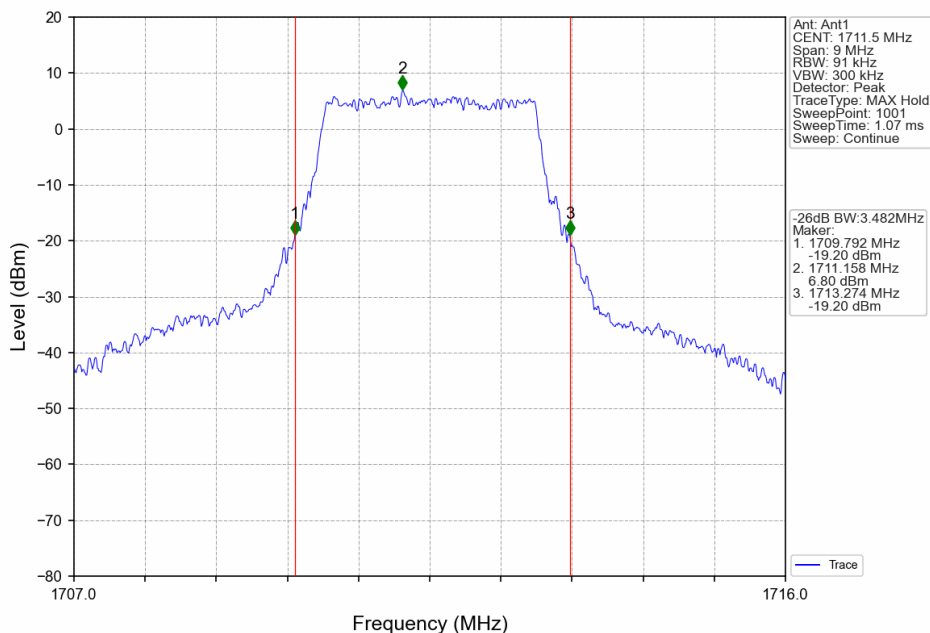


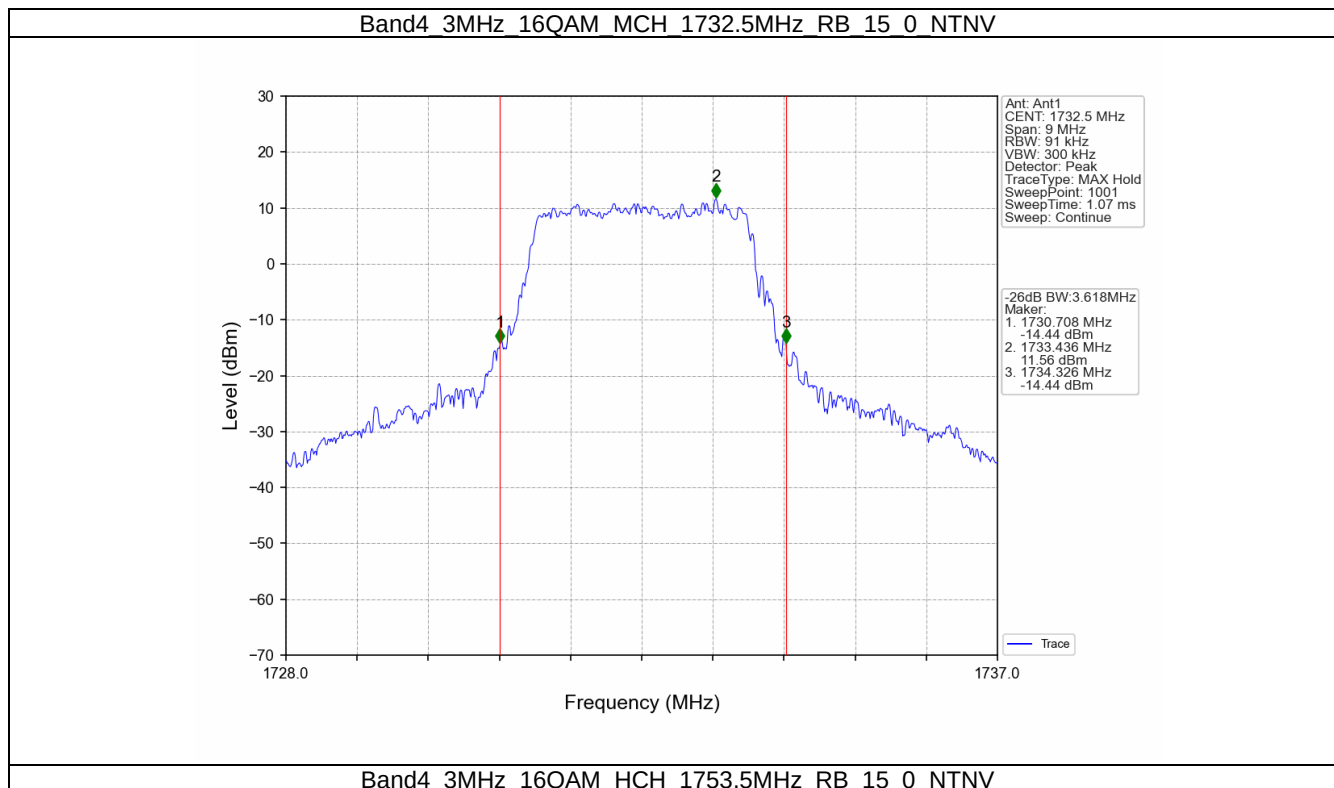


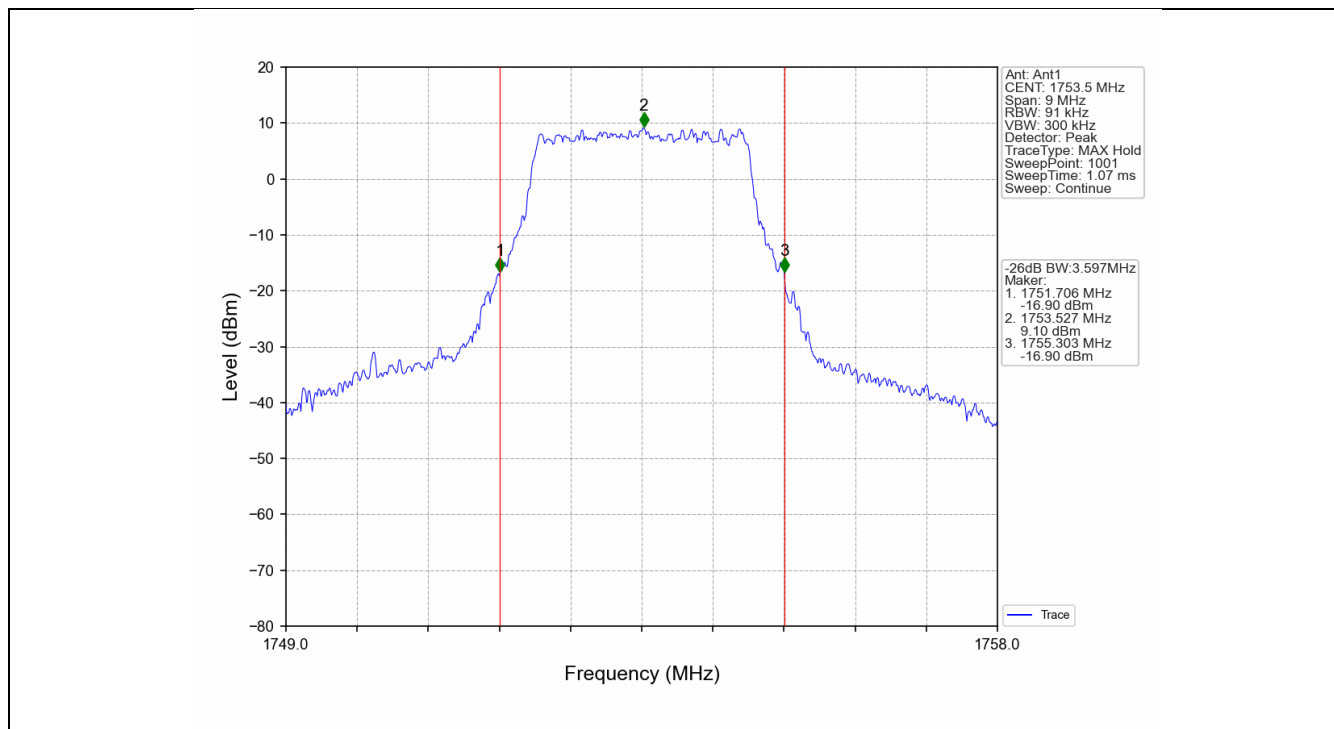


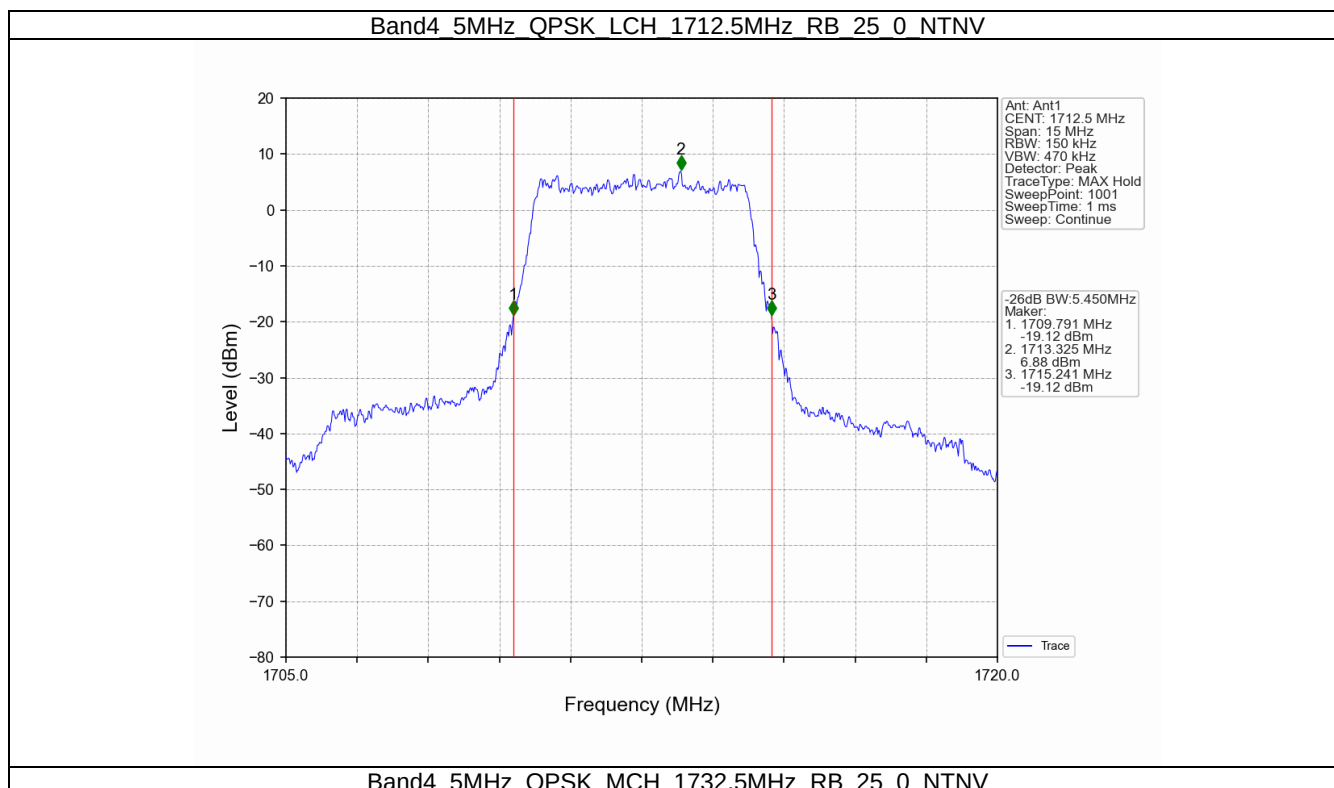


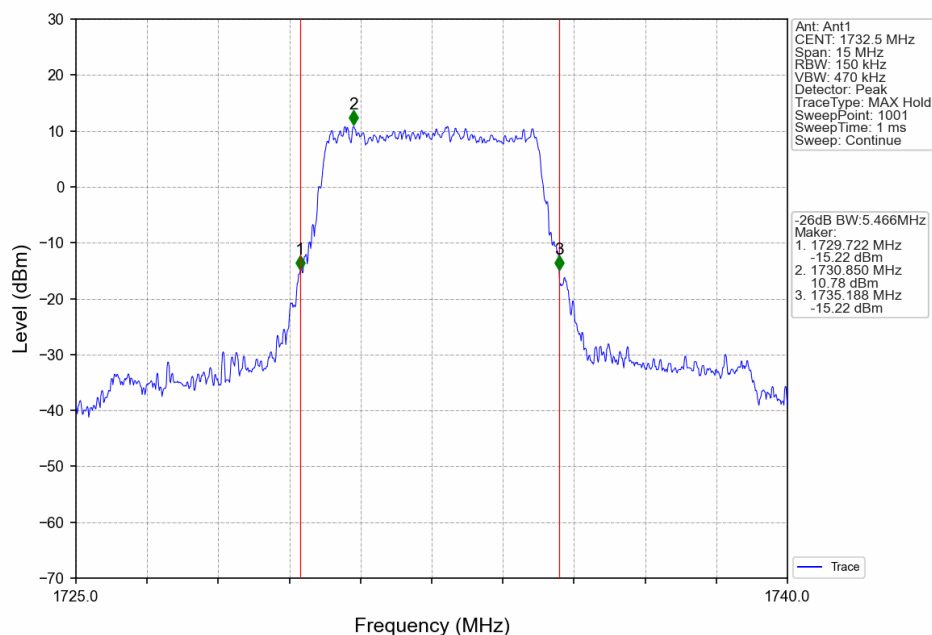


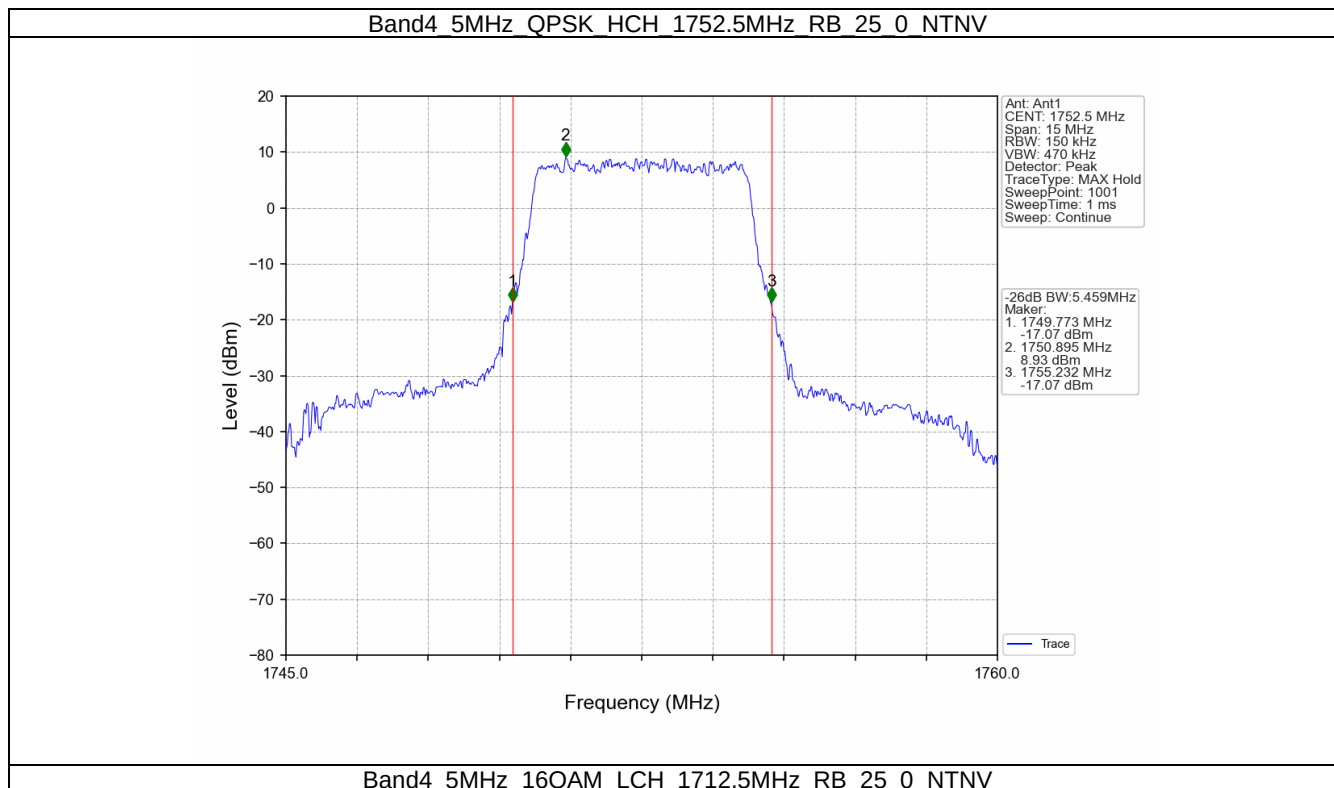


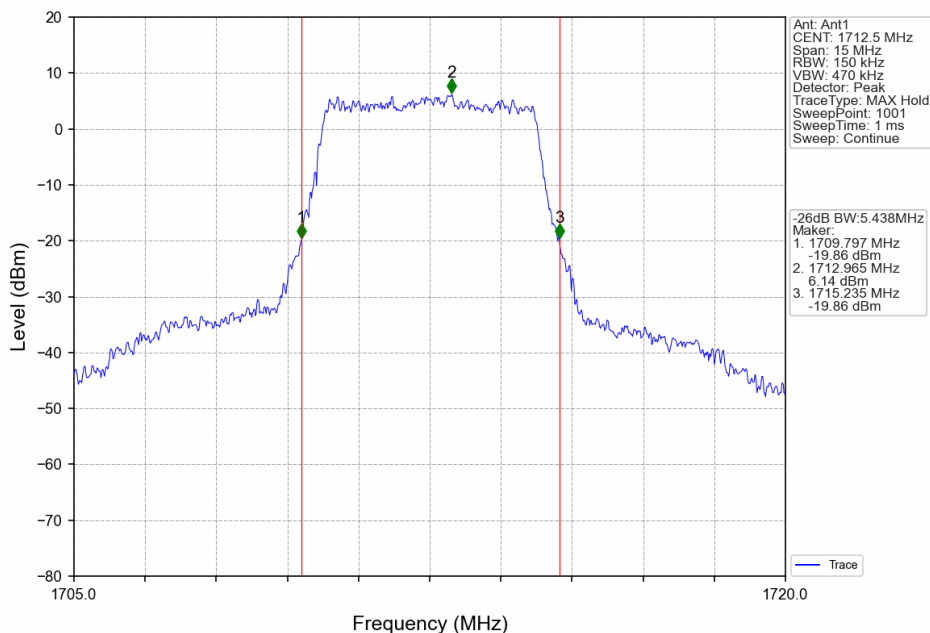


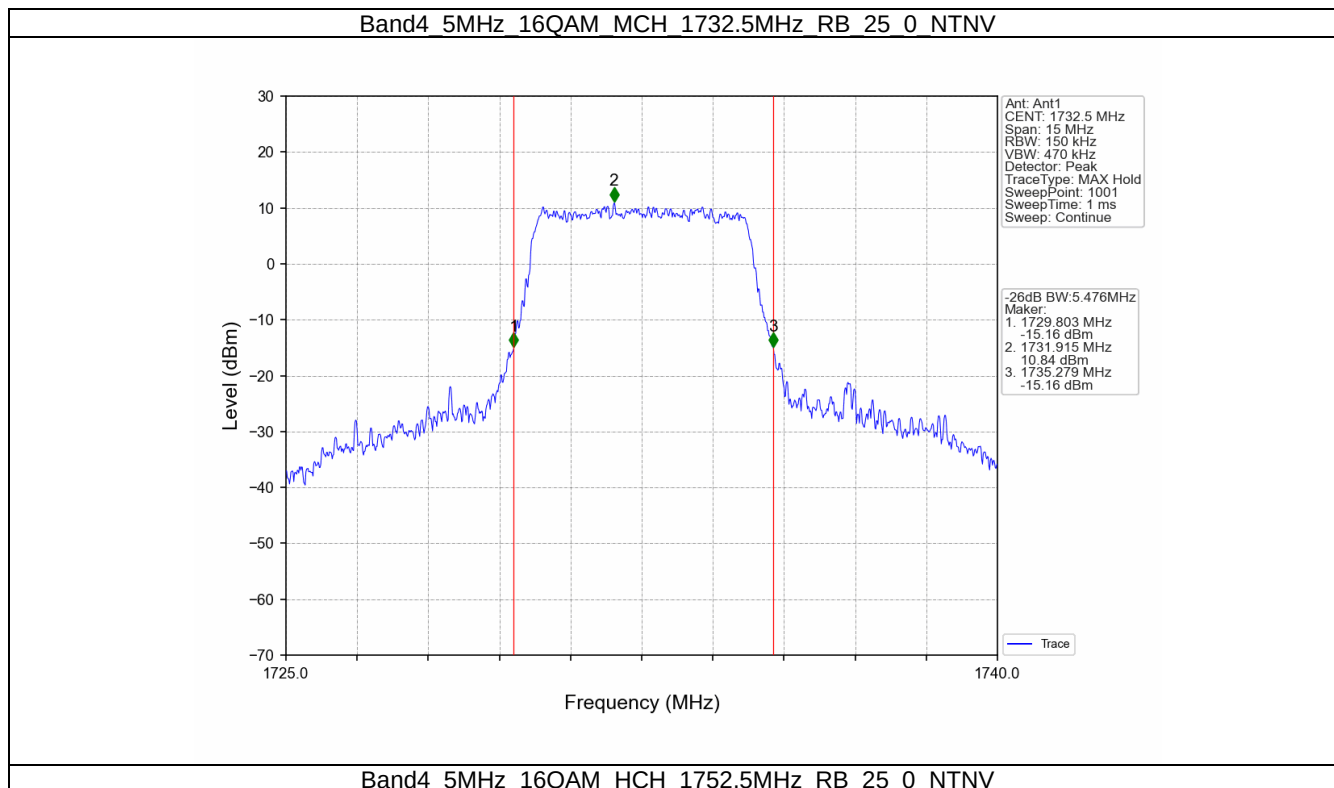


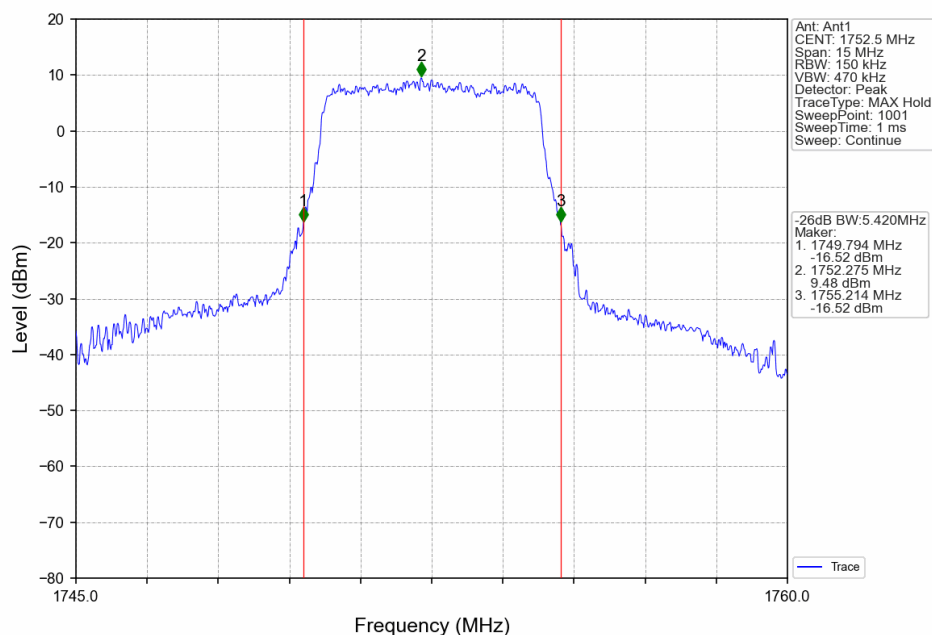


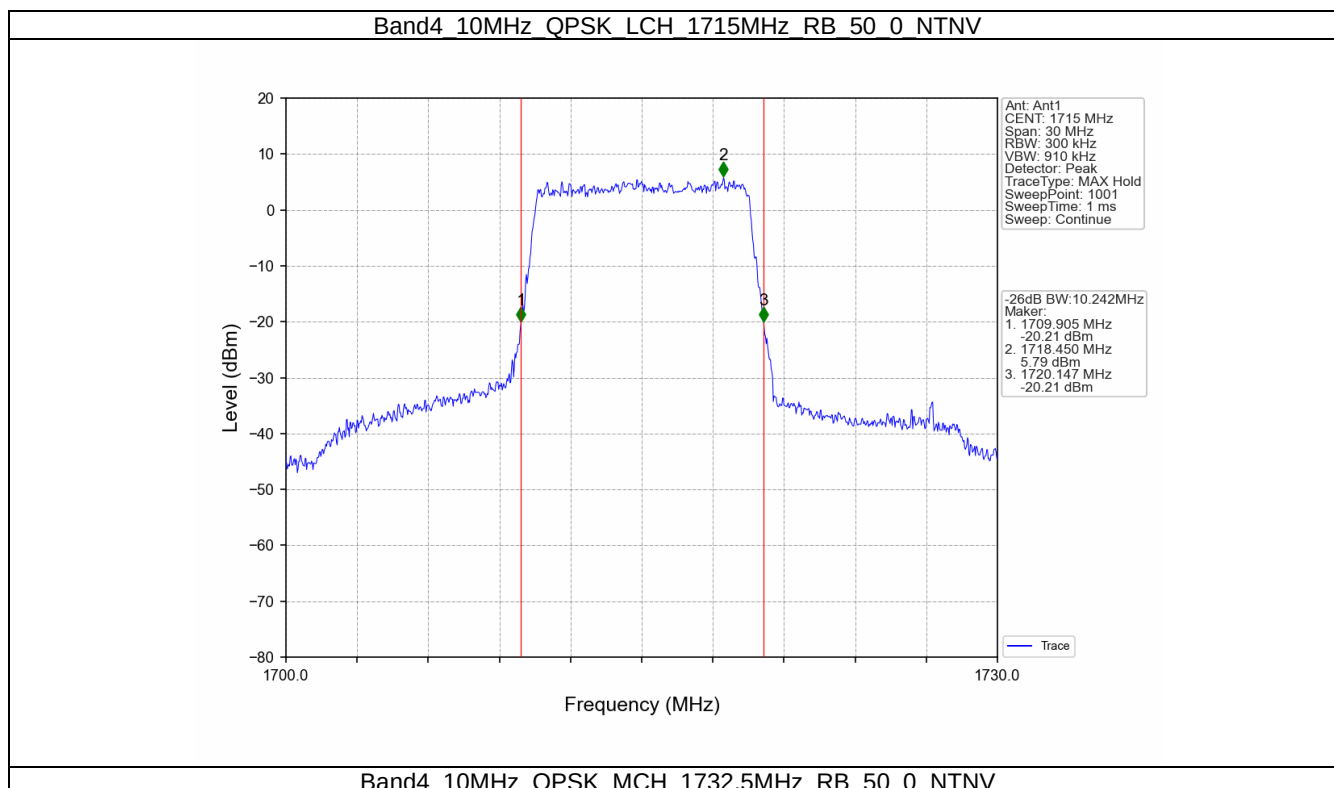


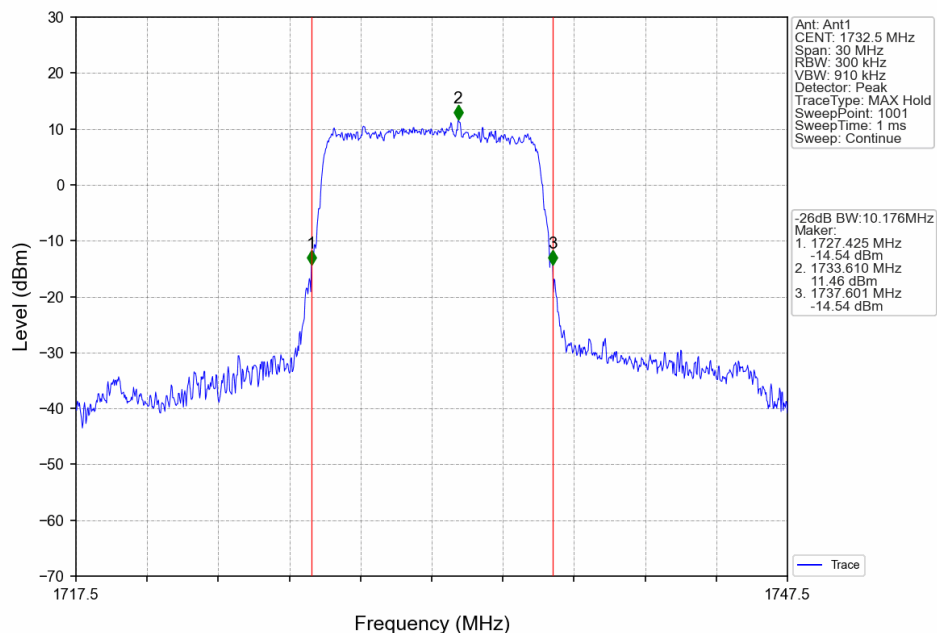


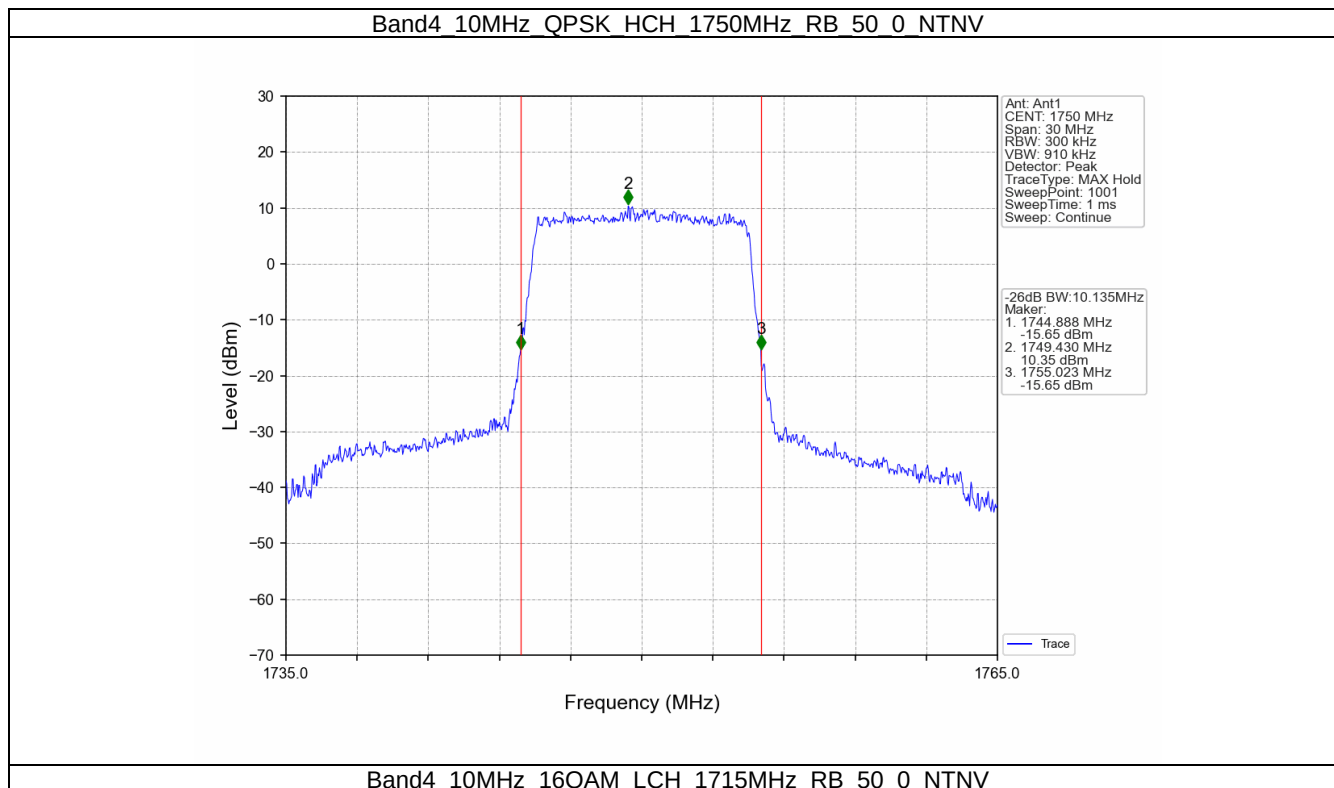


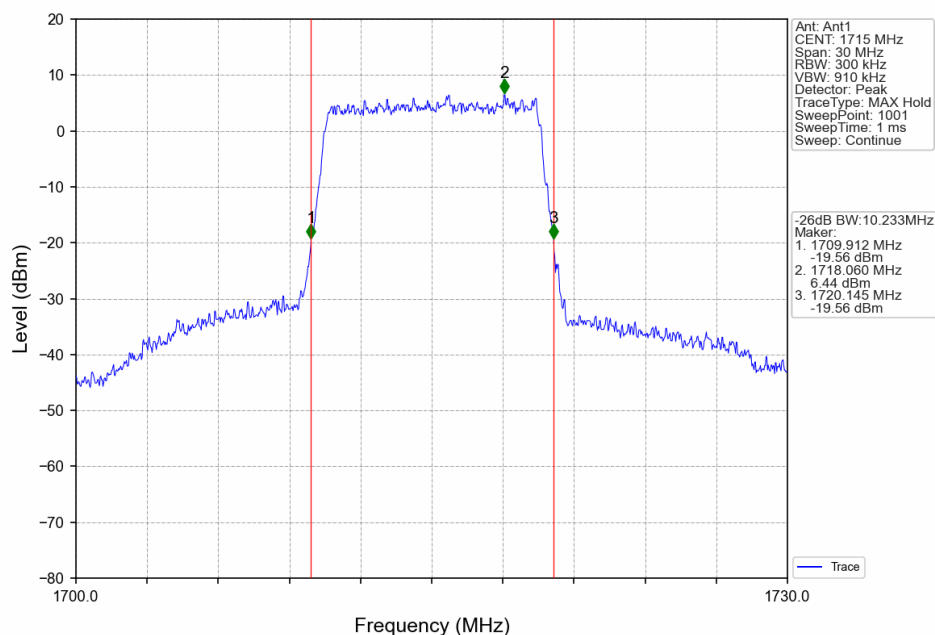


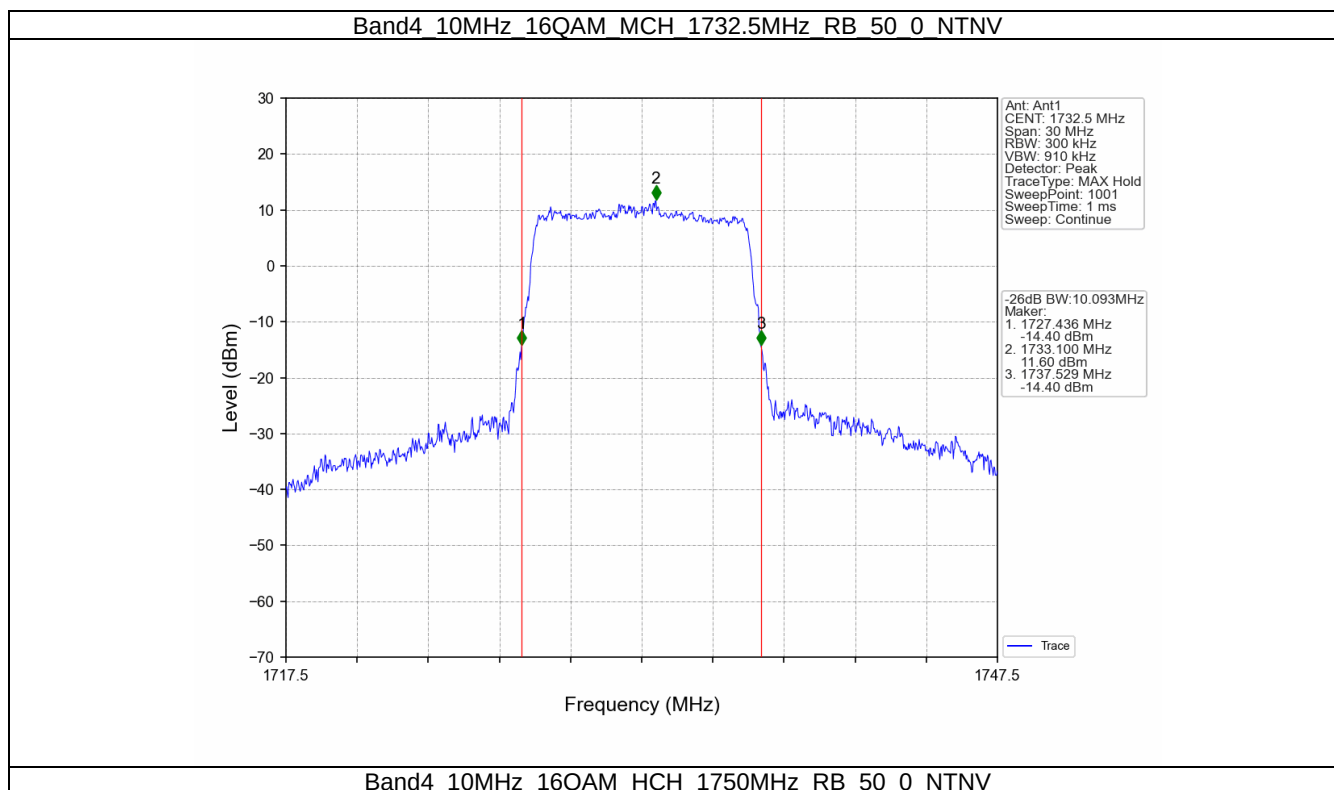


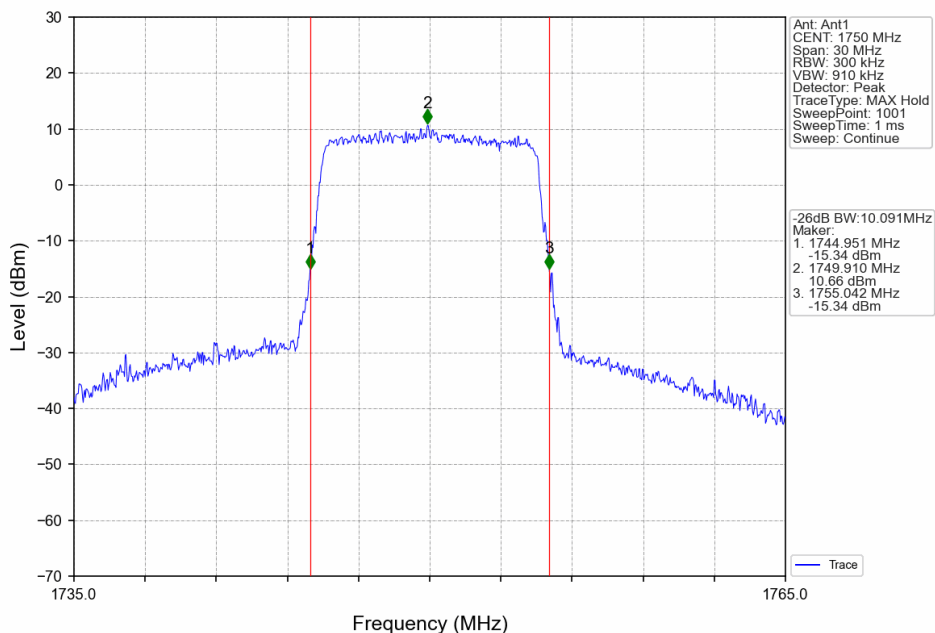


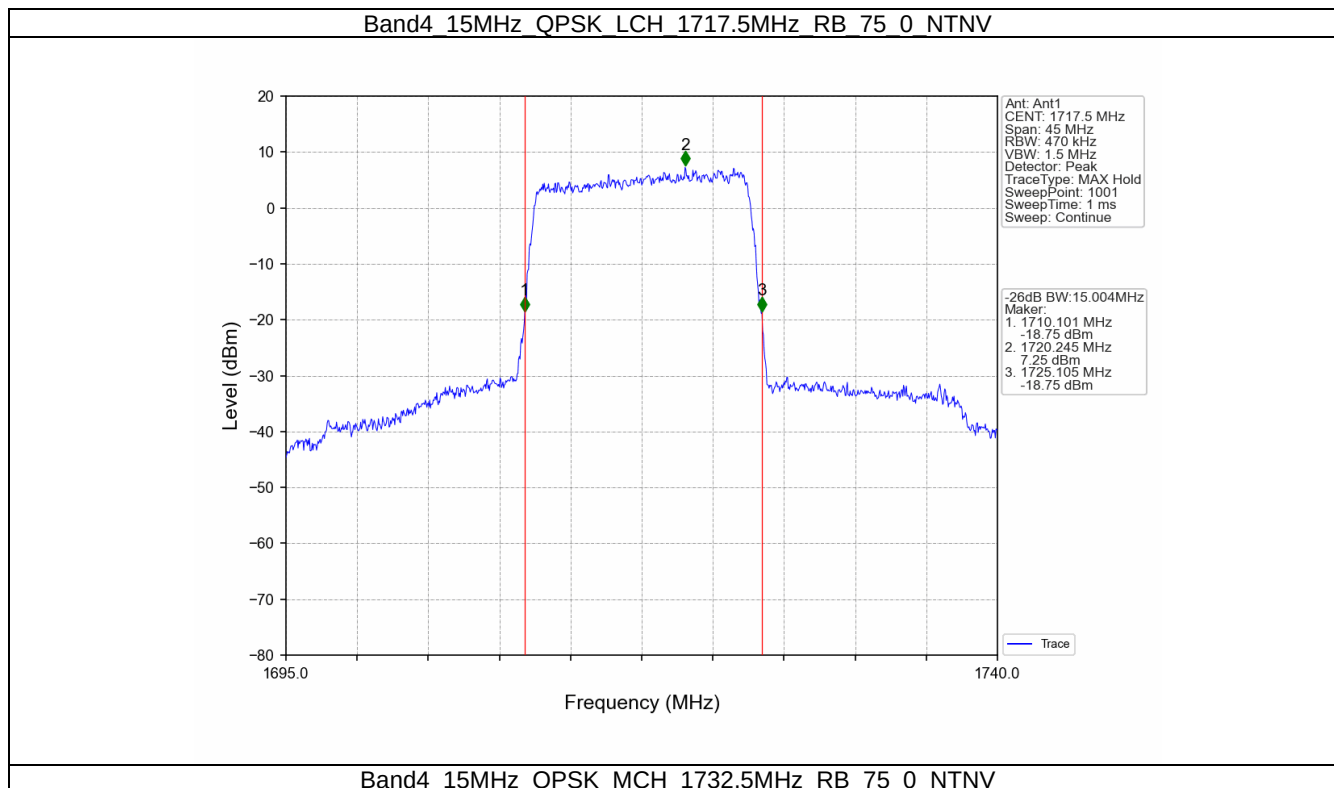


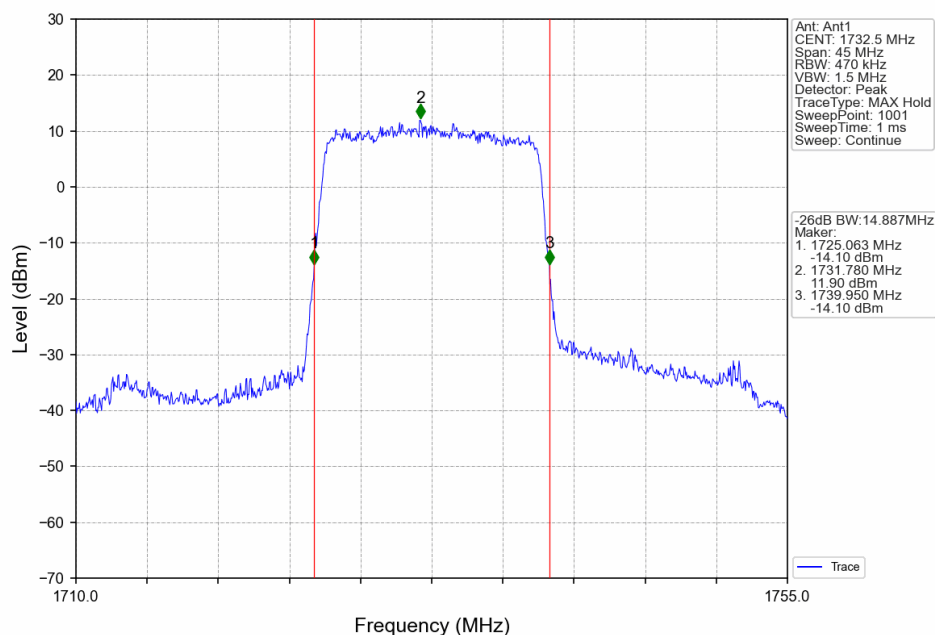


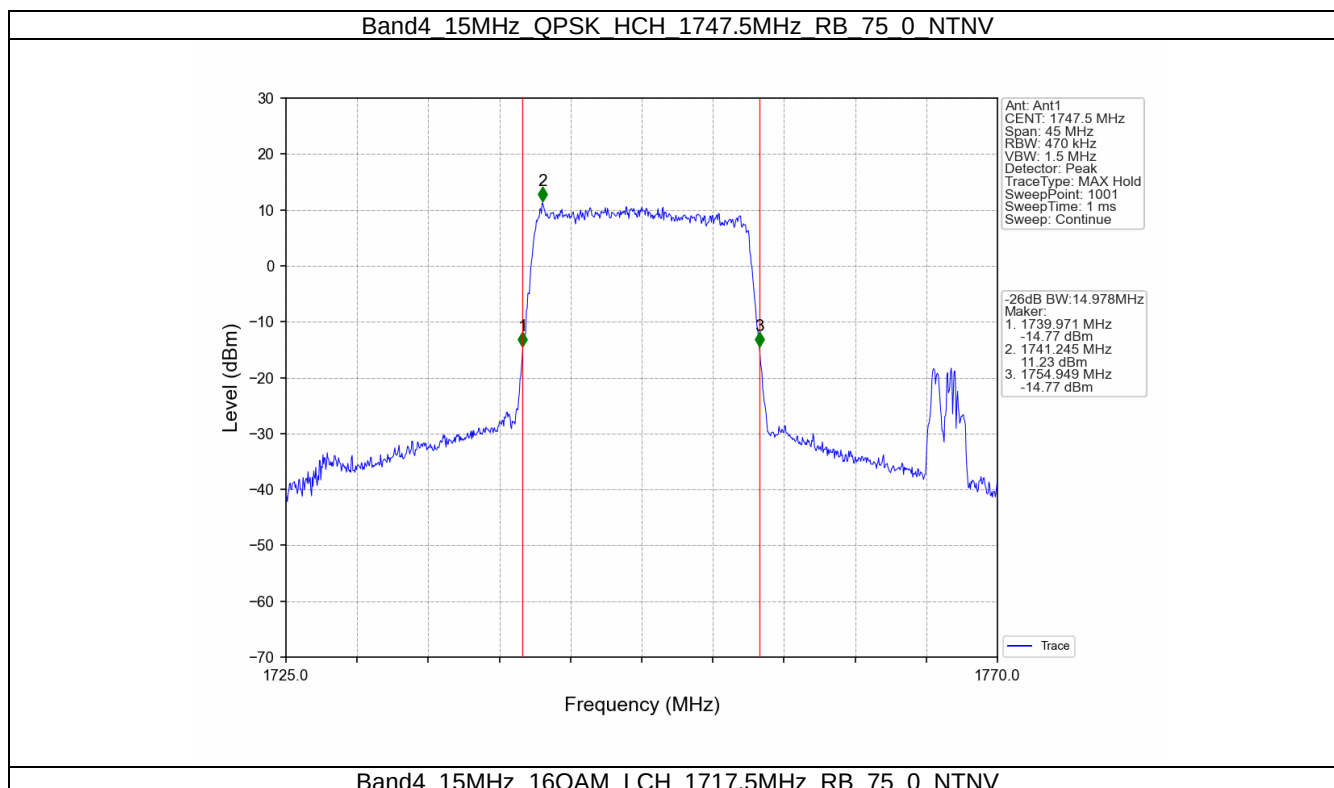


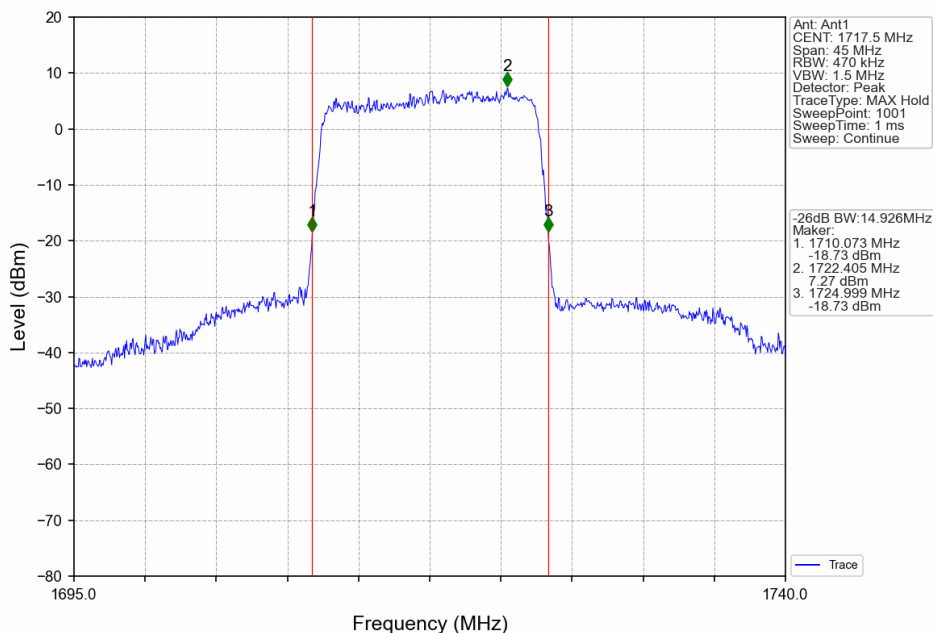


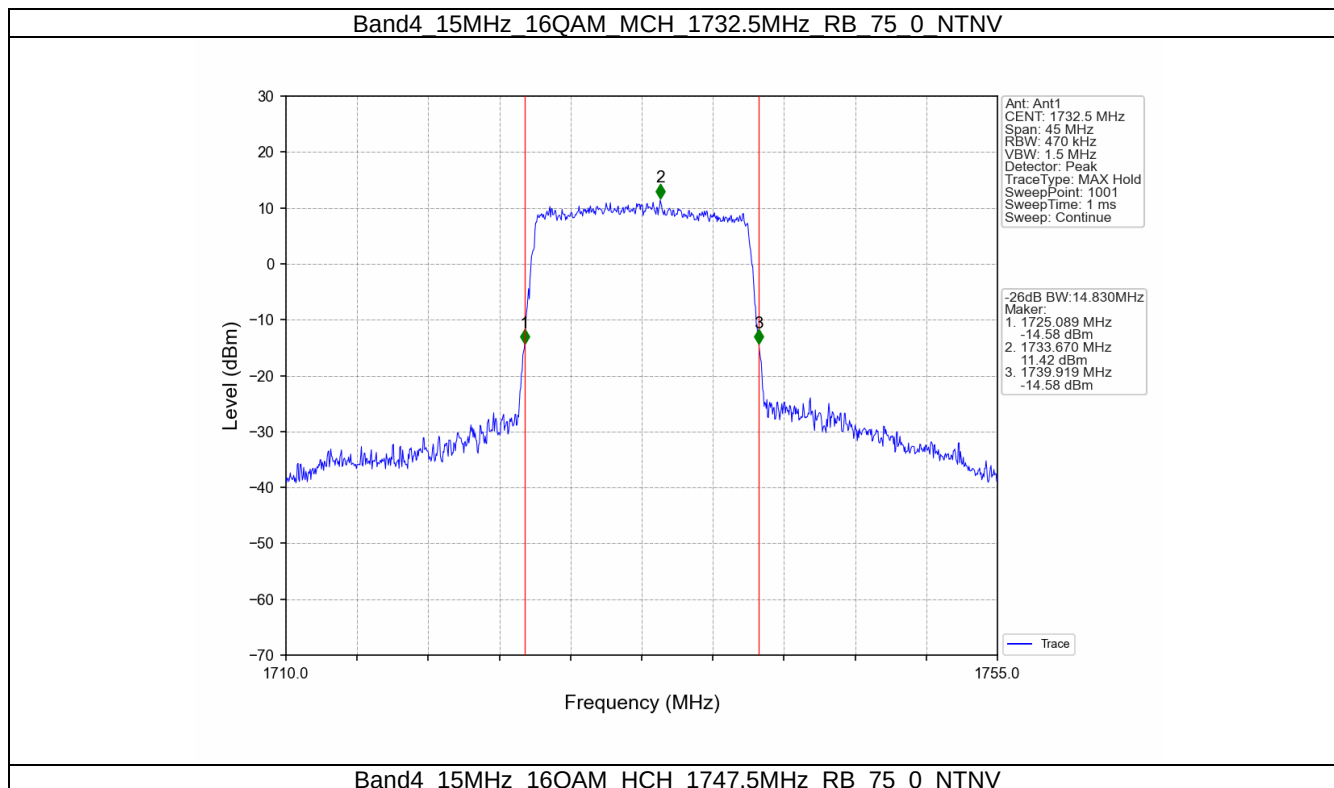


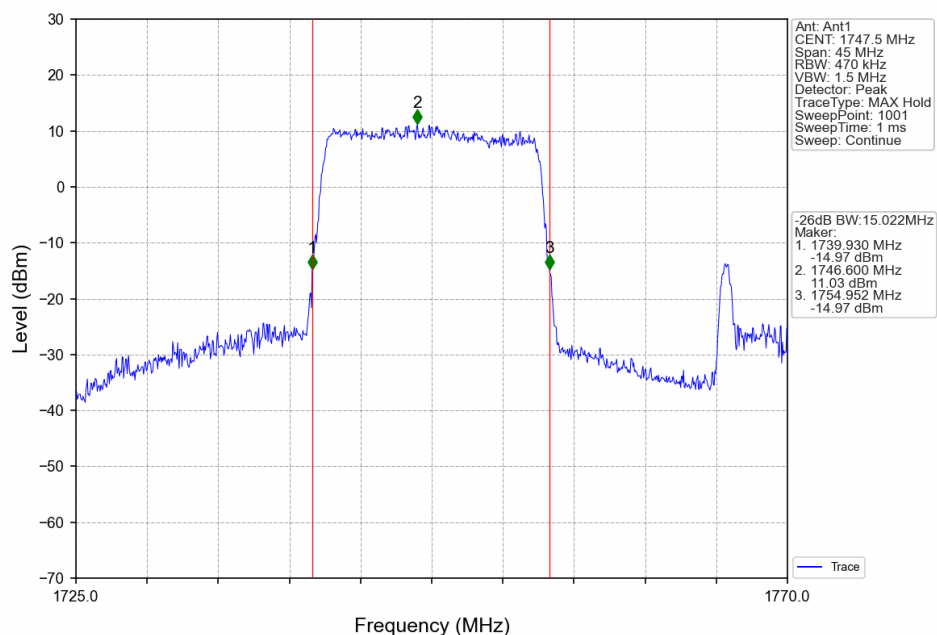


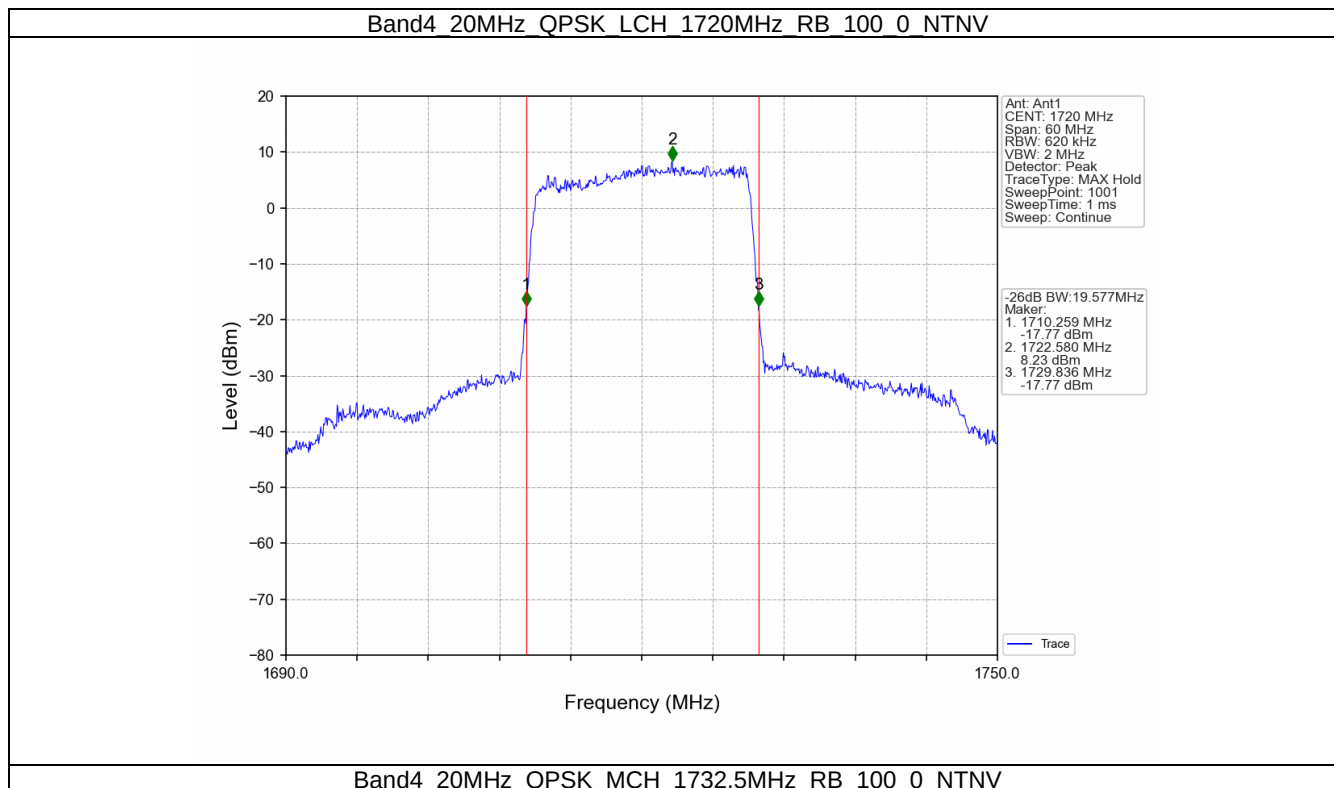


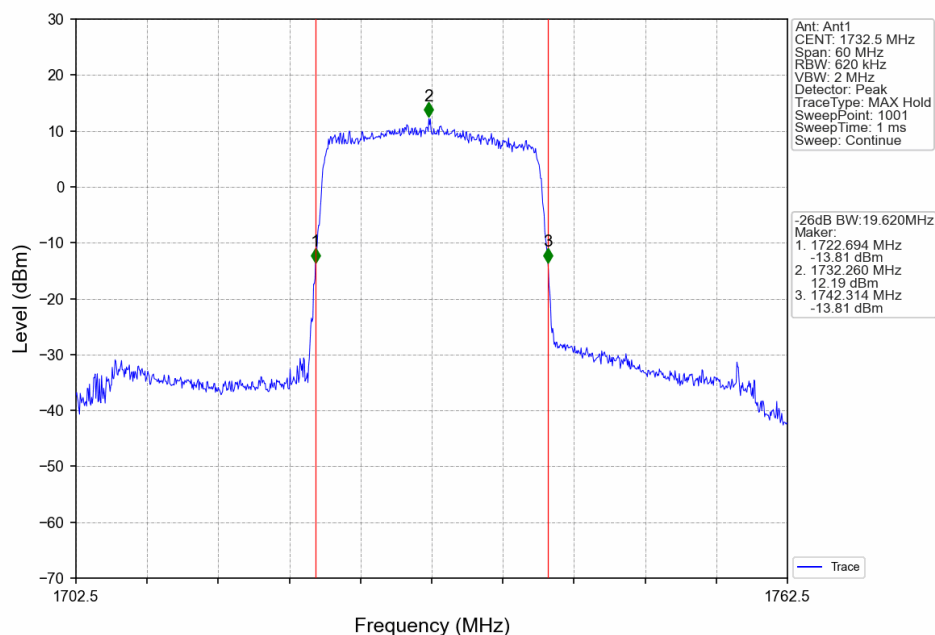


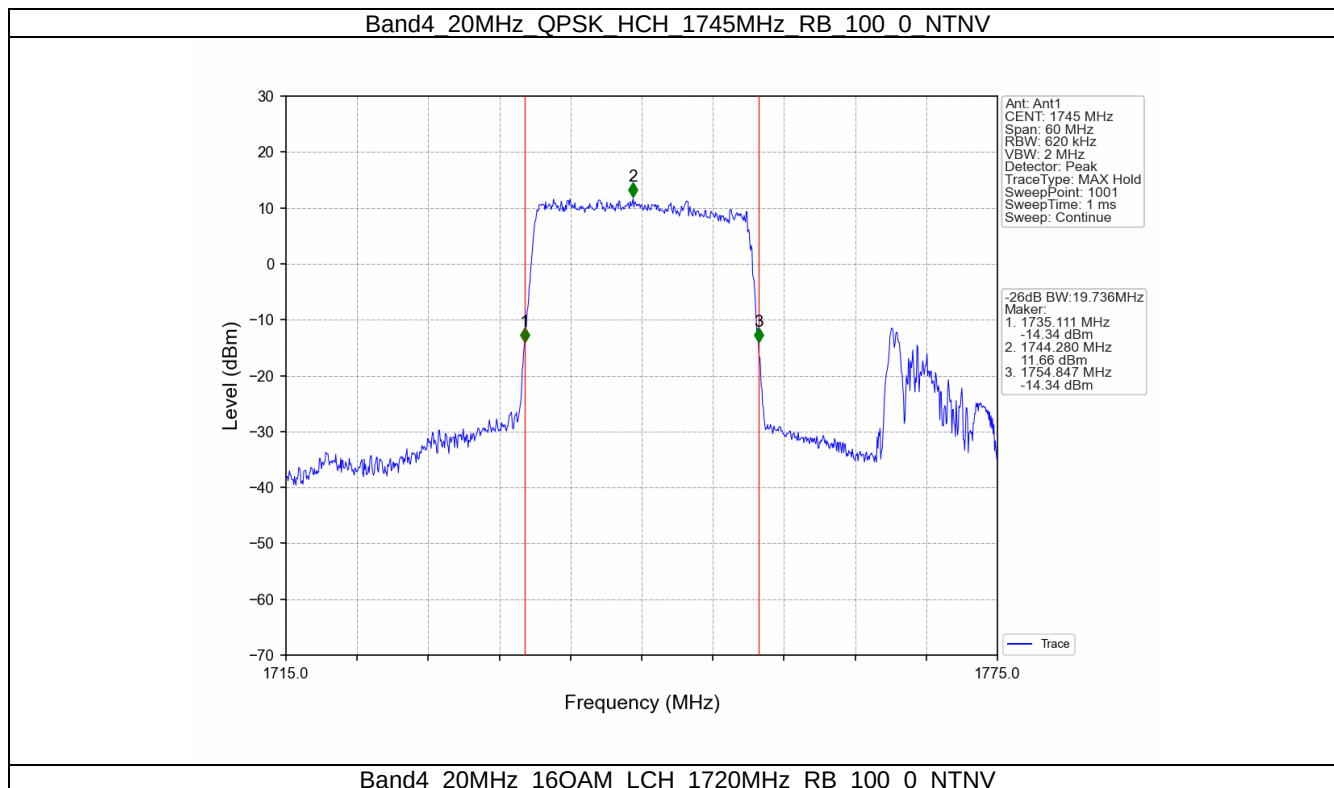


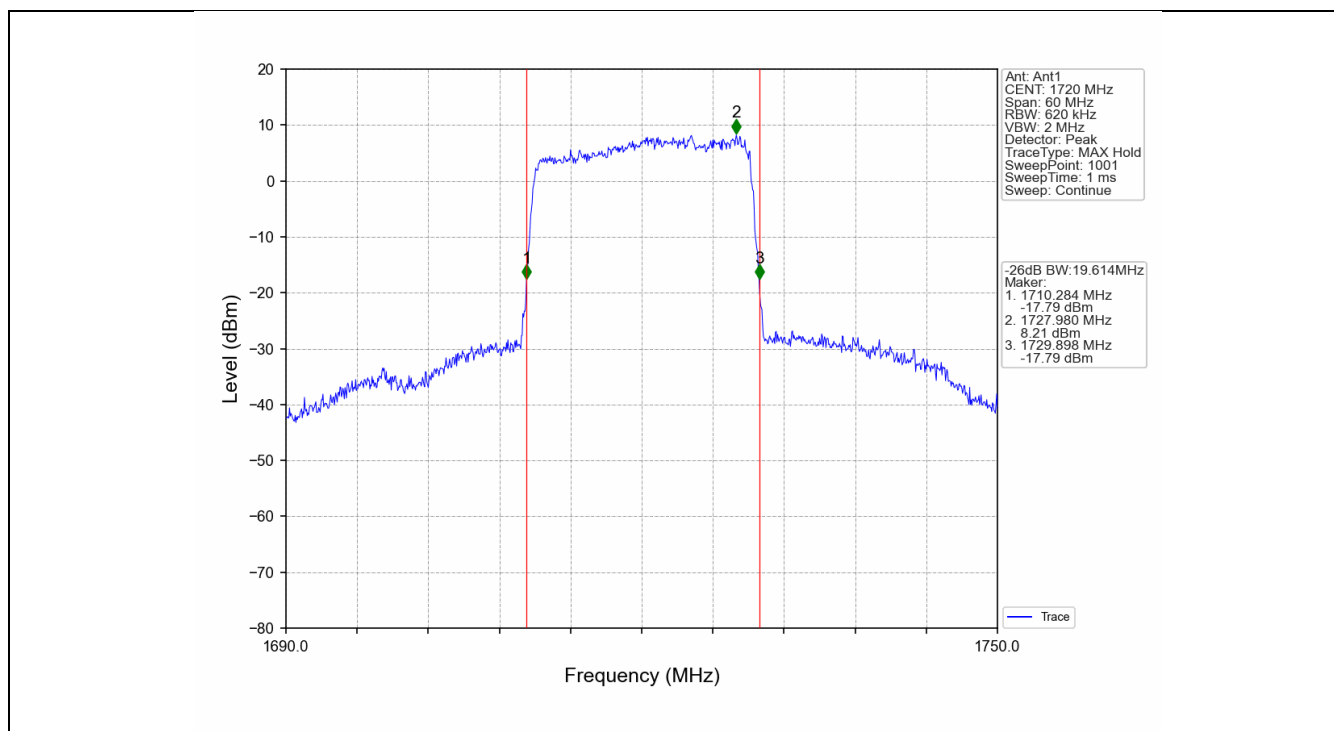


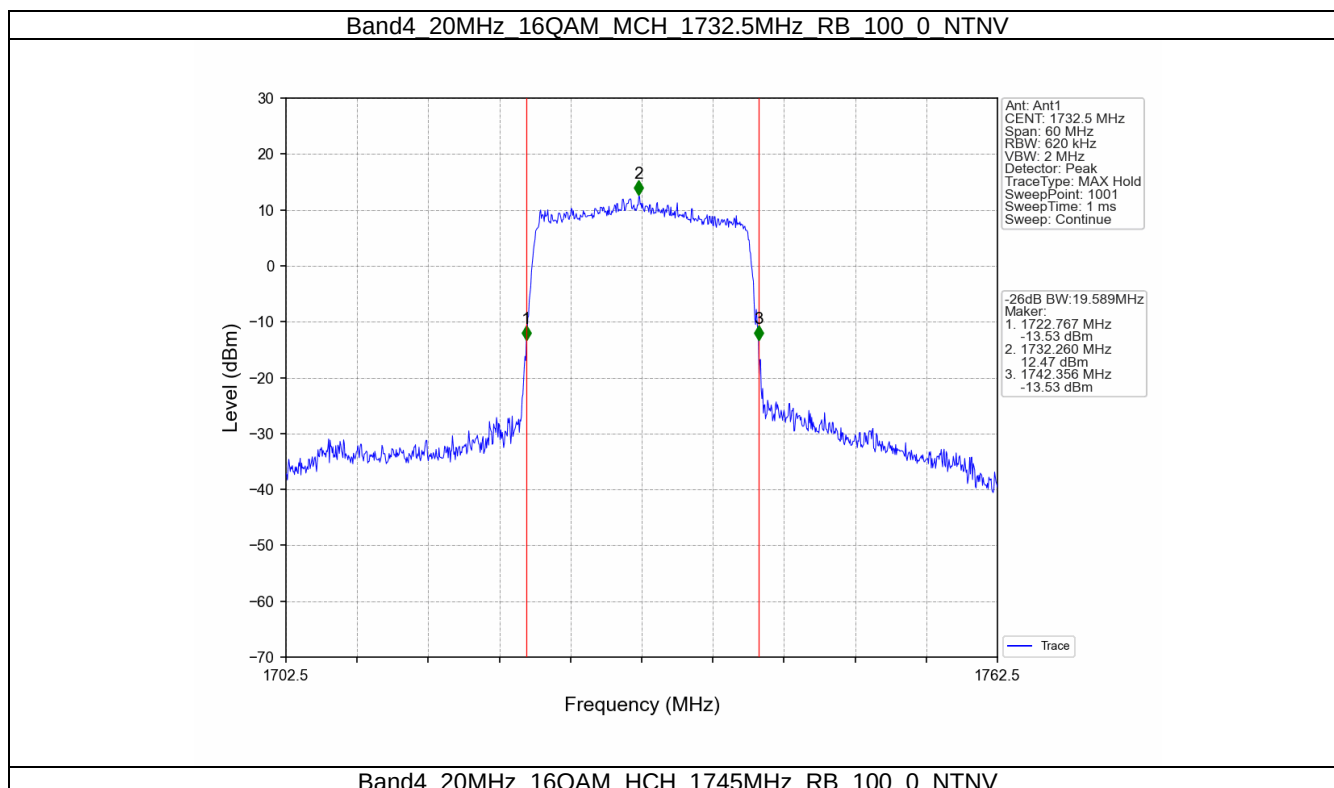


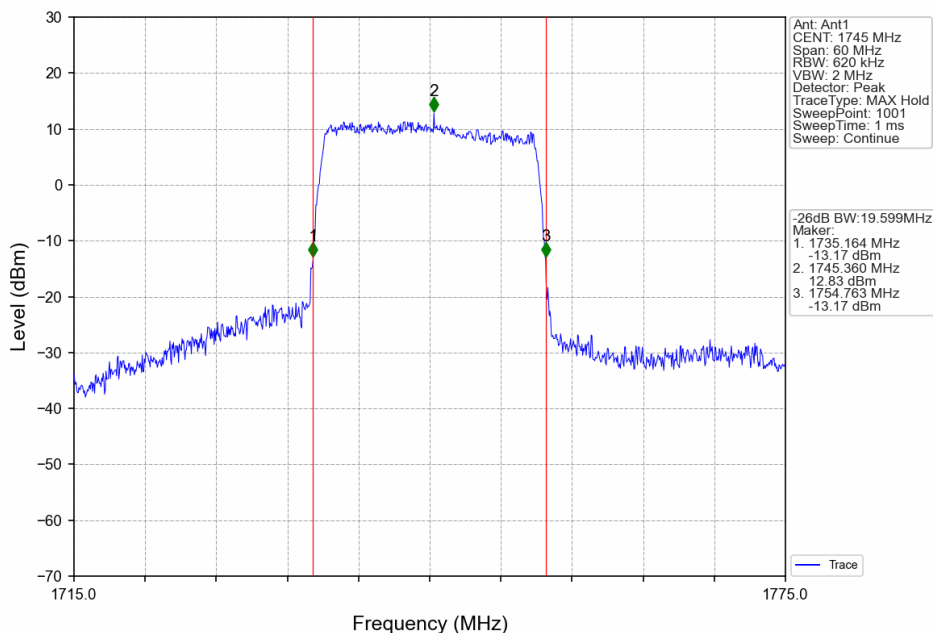












3. 99% & 26dB Bandwidth

3.1 Band66_OBW

3.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.144	Pass
		1745	6	0	1.138	Pass
		1779.3	6	0	1.148	Pass
	16QAM	1710.7	6	0	1.129	Pass
		1745	6	0	1.161	Pass
		1779.3	6	0	1.145	Pass
3	QPSK	1711.5	15	0	2.788	Pass
		1745	15	0	2.783	Pass
		1778.5	15	0	2.775	Pass
	16QAM	1711.5	15	0	2.783	Pass
		1745	15	0	2.815	Pass
		1778.5	15	0	2.796	Pass
5	QPSK	1712.5	25	0	4.611	Pass
		1745	25	0	4.588	Pass
		1777.5	25	0	4.571	Pass
	16QAM	1712.5	25	0	4.621	Pass
		1745	25	0	4.624	Pass
		1777.5	25	0	4.614	Pass
10	QPSK	1715	50	0	9.104	Pass
		1745	50	0	9.067	Pass
		1775	50	0	9.001	Pass
	16QAM	1715	50	0	9.106	Pass
		1745	50	0	9.085	Pass
		1775	50	0	9.017	Pass
15	QPSK	1717.5	75	0	13.591	Pass
		1745	75	0	13.571	Pass
		1772.5	75	0	13.435	Pass
	16QAM	1717.5	75	0	13.589	Pass
		1745	75	0	13.582	Pass
		1772.5	75	0	13.470	Pass
20	QPSK	1720	100	0	18.062	Pass
		1745	100	0	18.052	Pass
		1770	100	0	17.854	Pass
	16QAM	1720	100	0	18.115	Pass



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Page: 153 of 227

		1745	100	0	18.067	Pass
		1770	100	0	17.876	Pass



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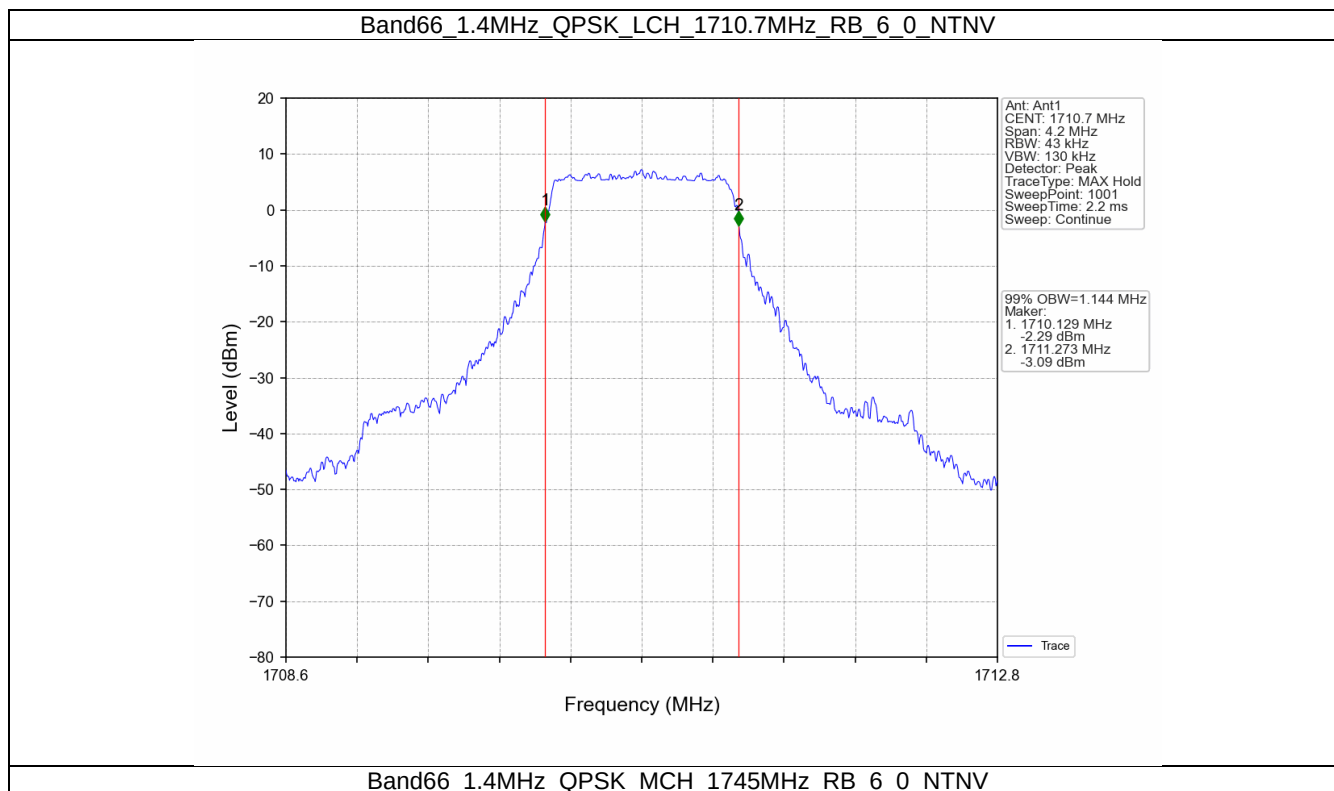
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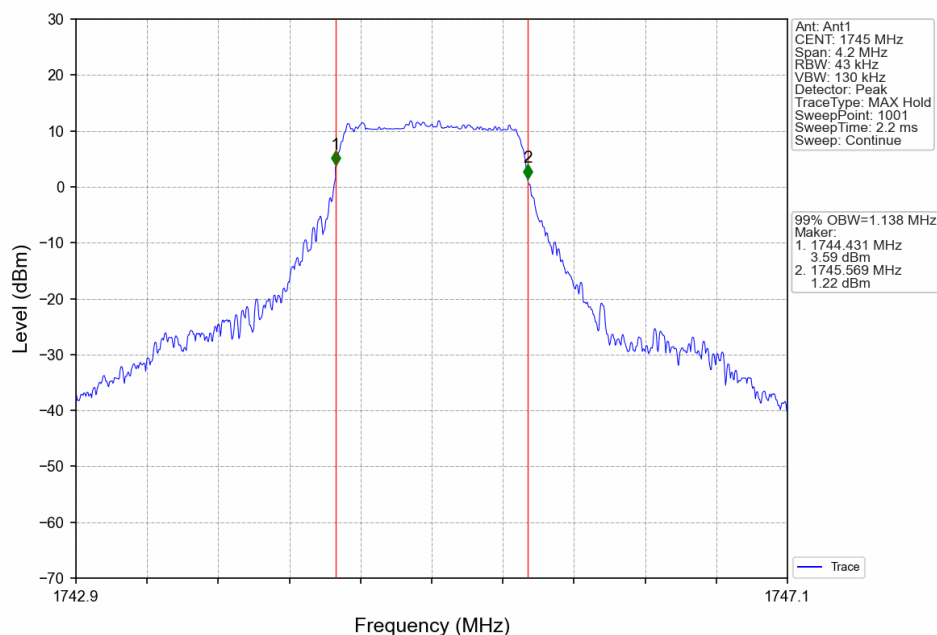
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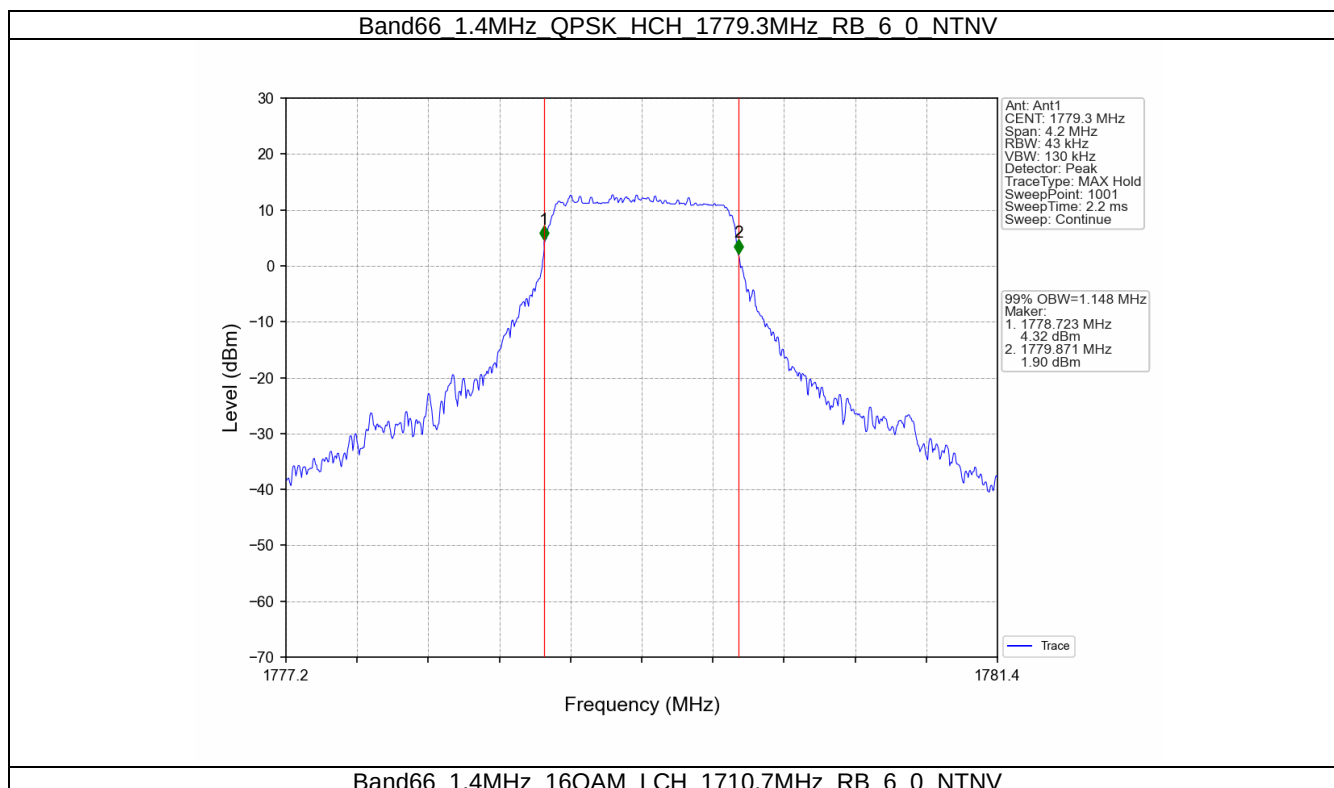
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3.1.2 Test Graph







Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

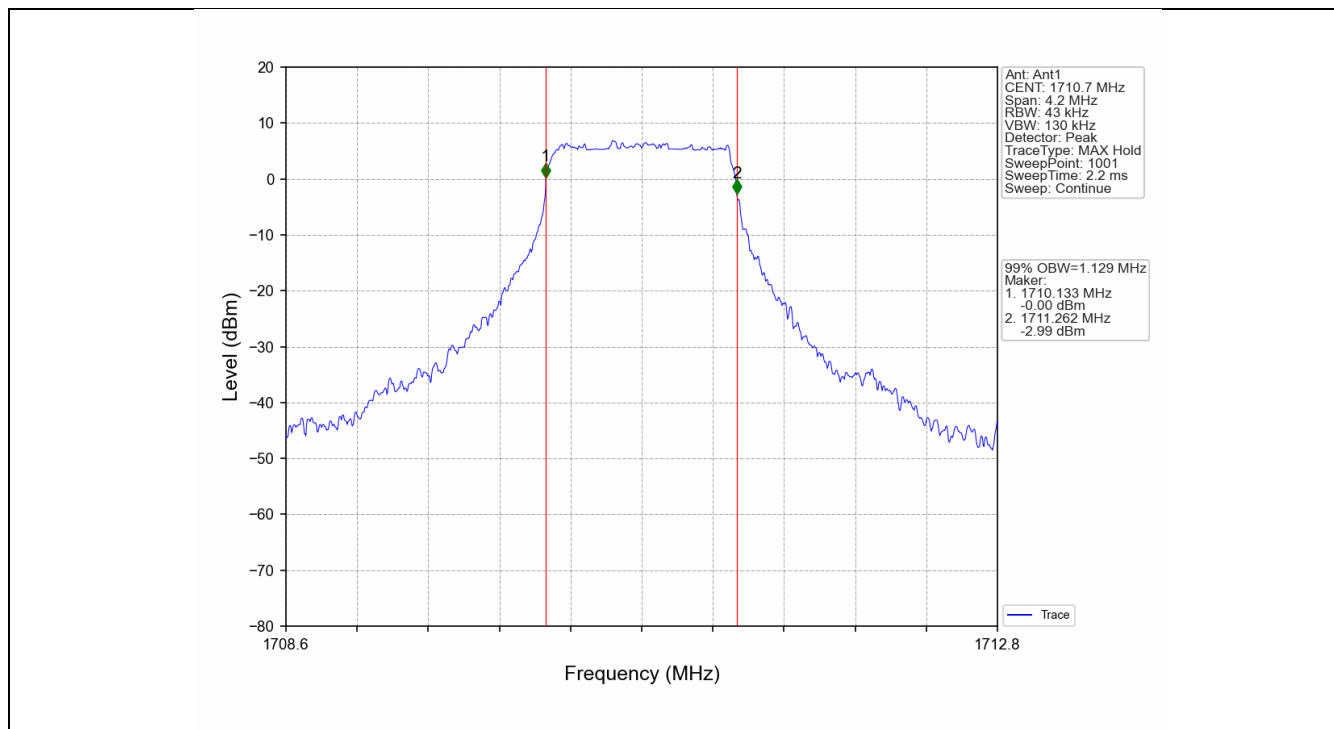


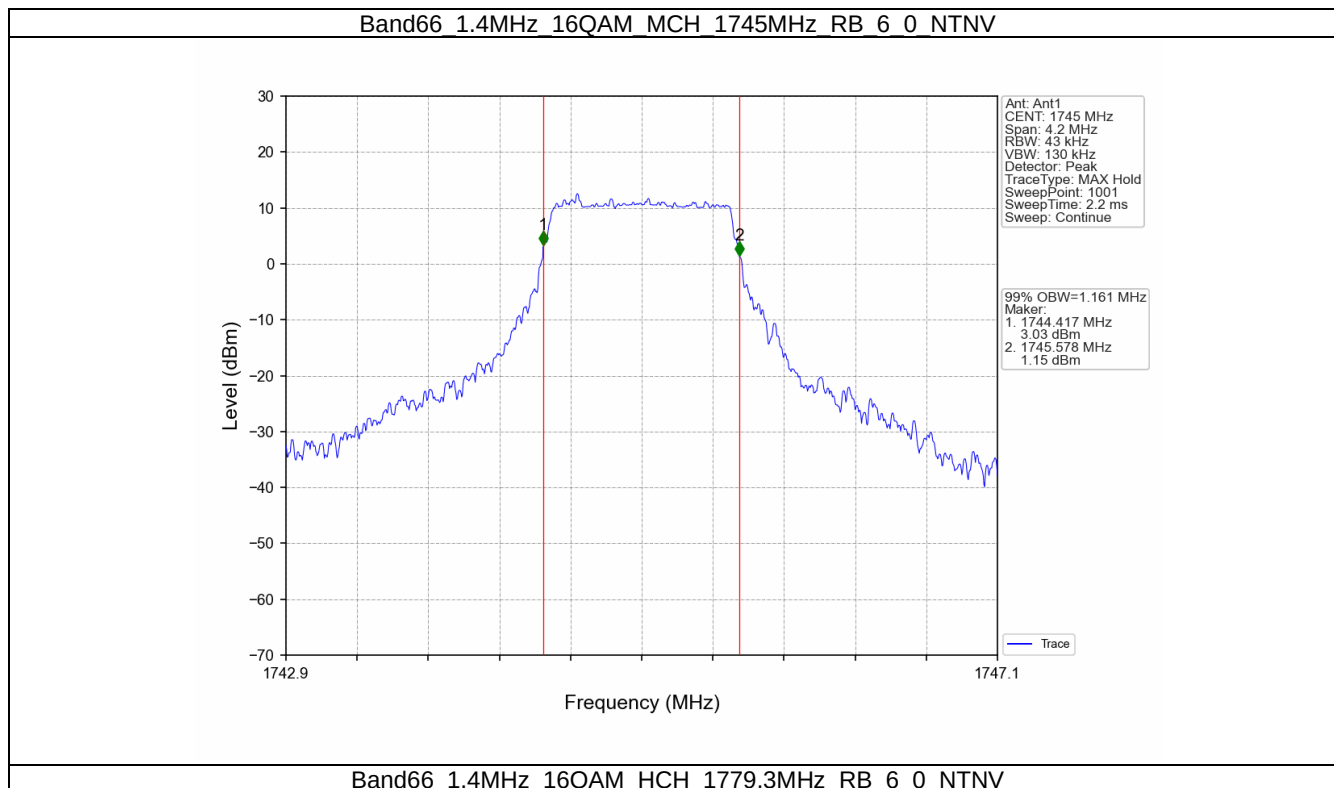
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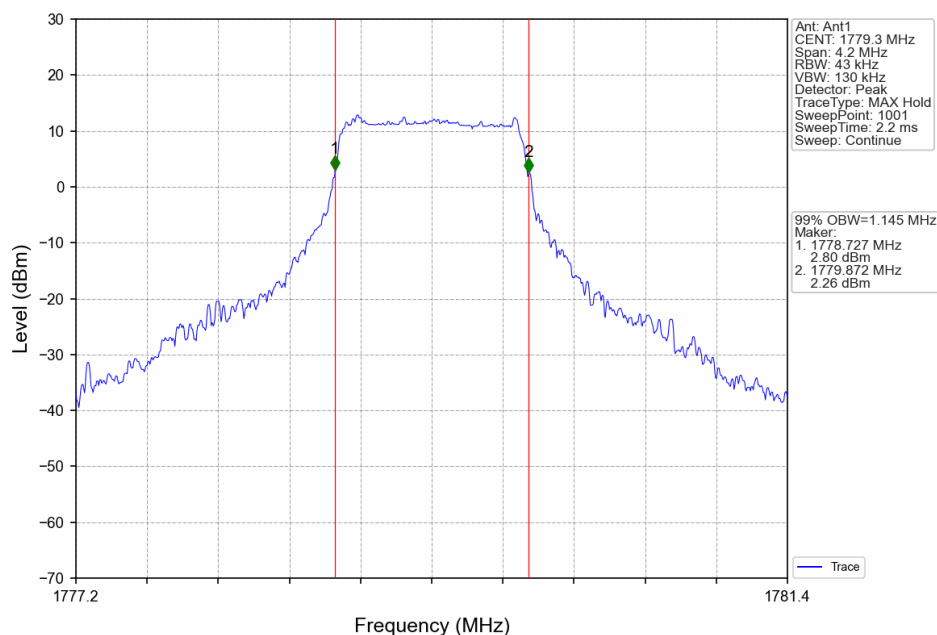
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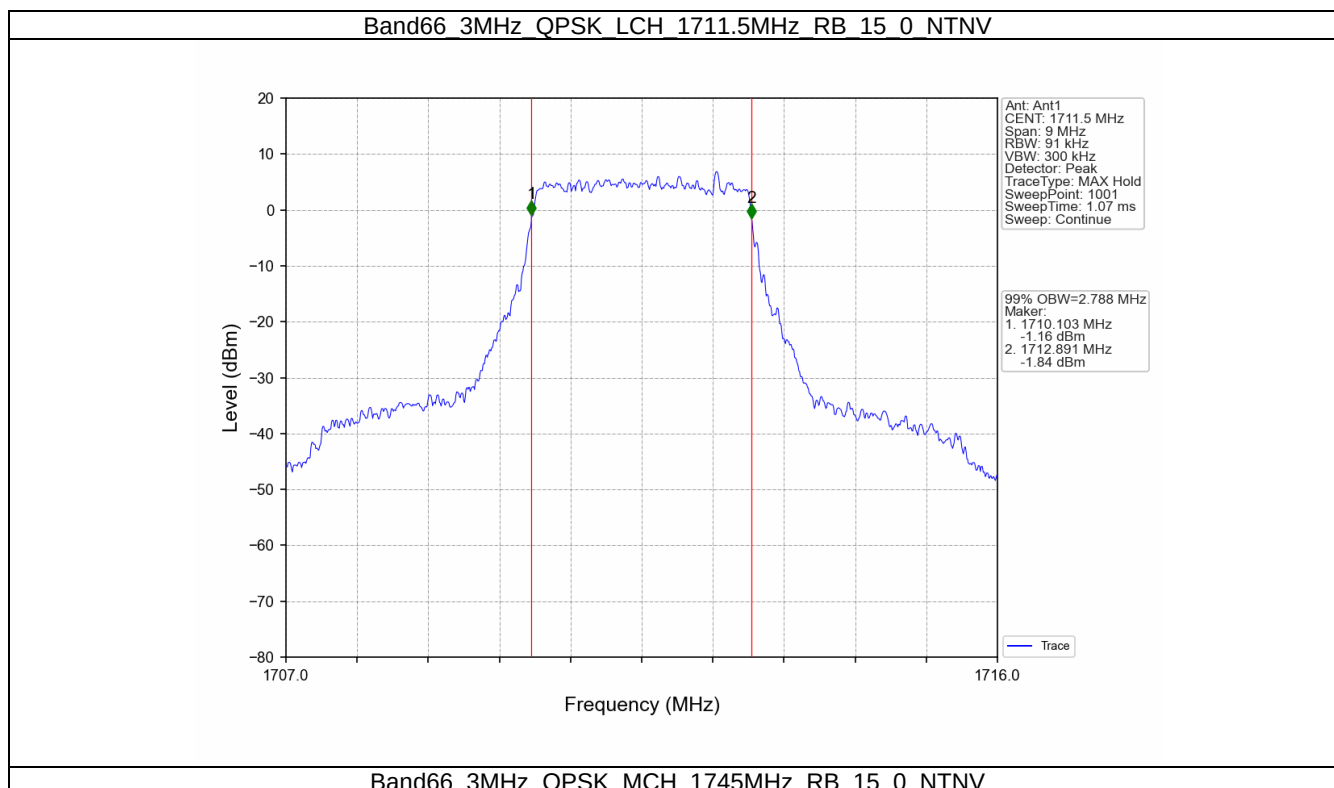
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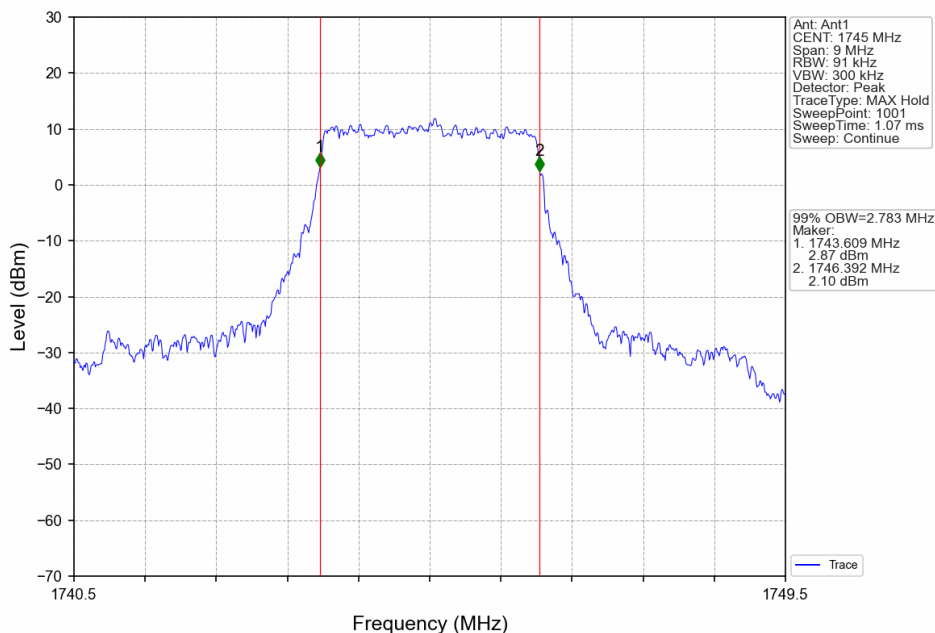
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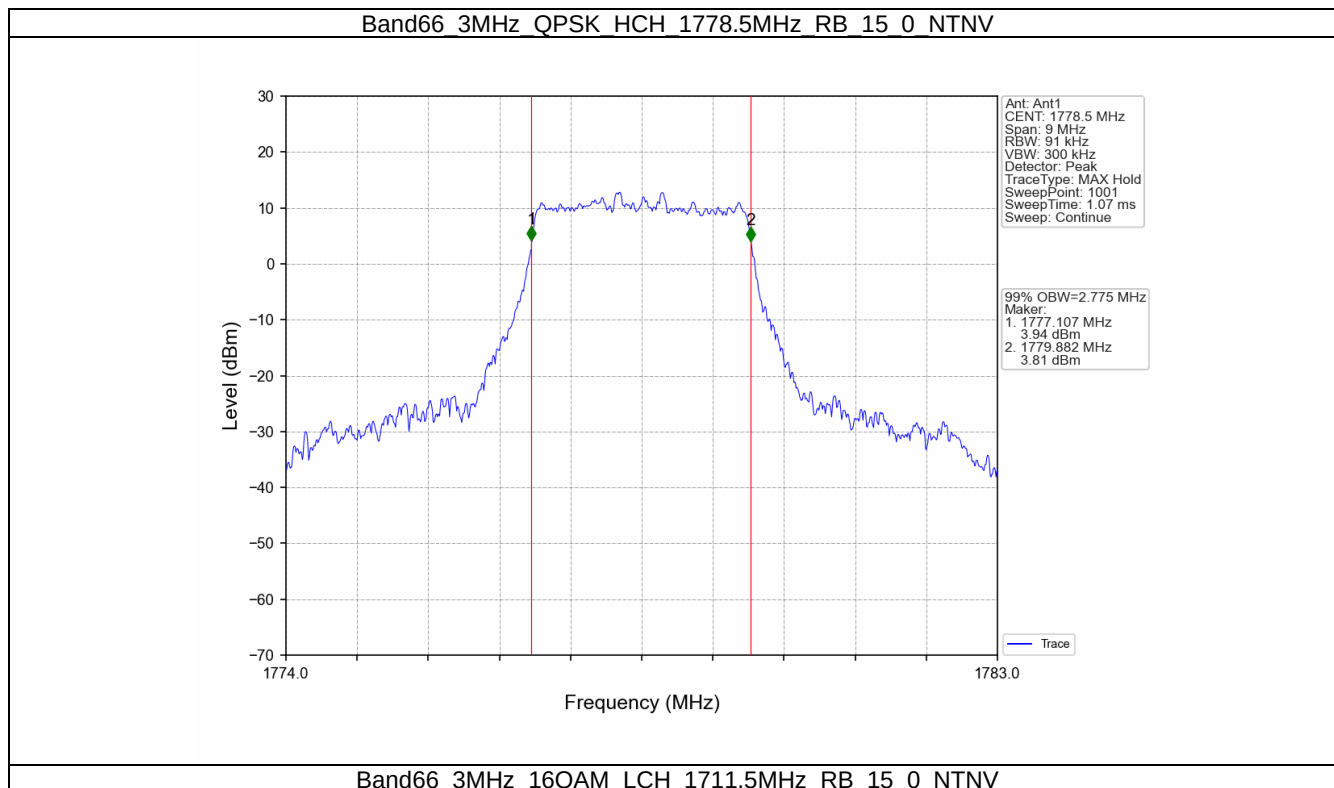


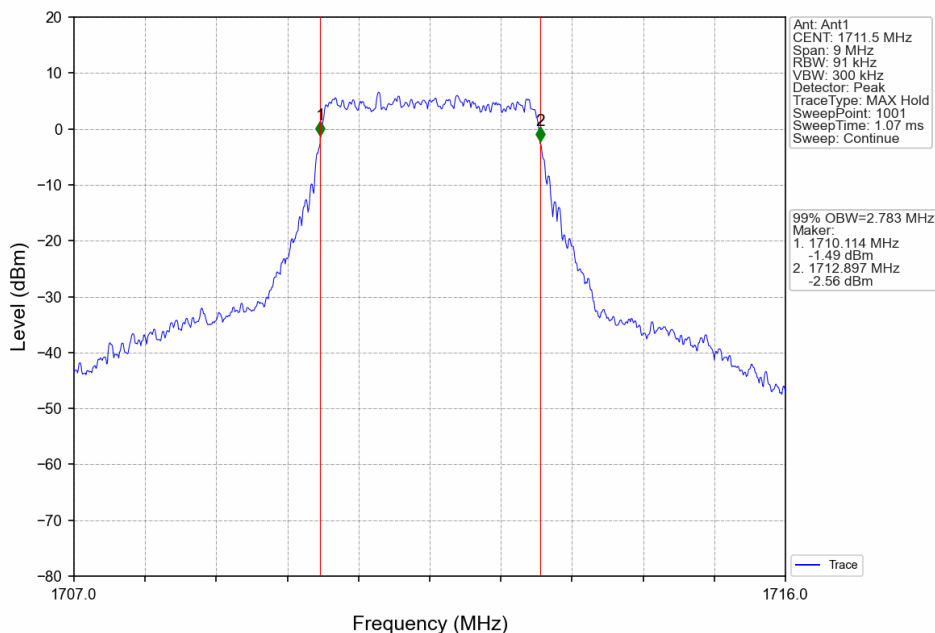


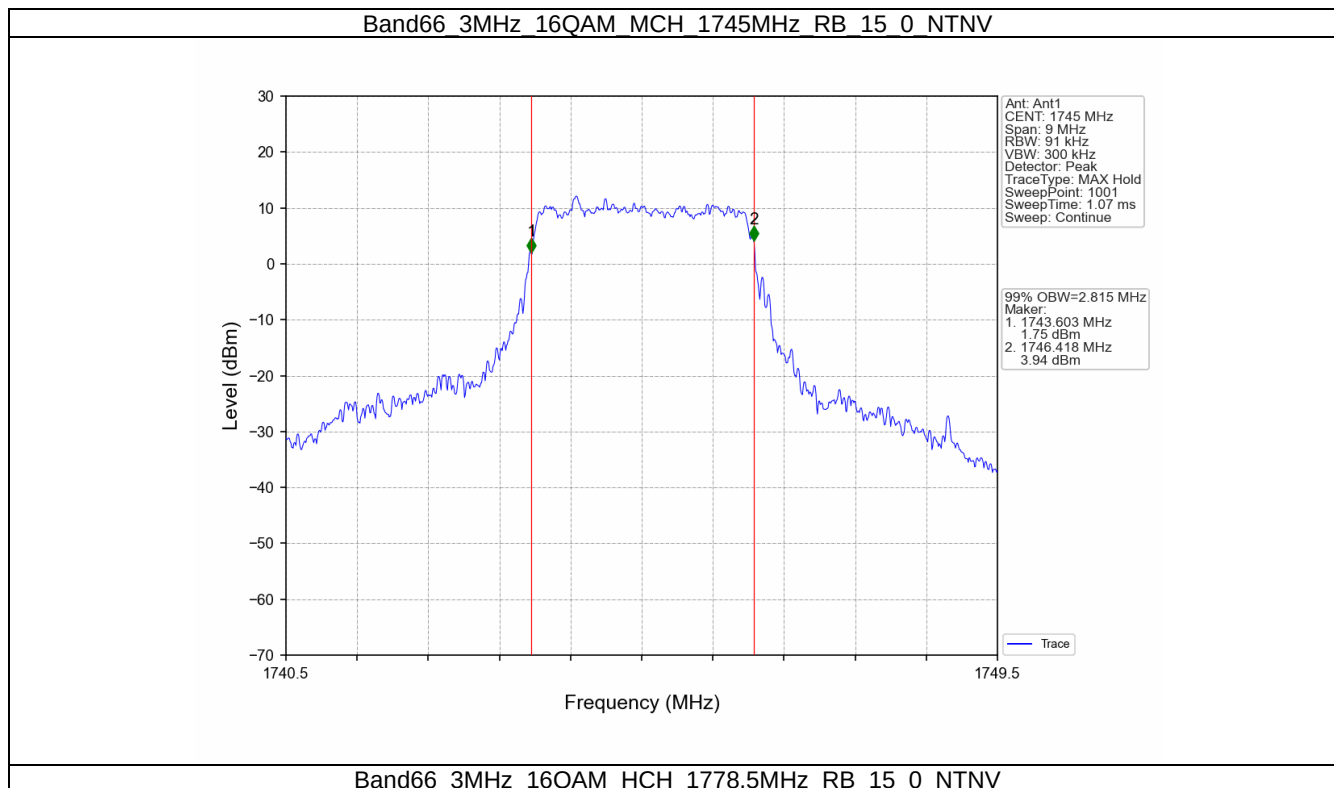


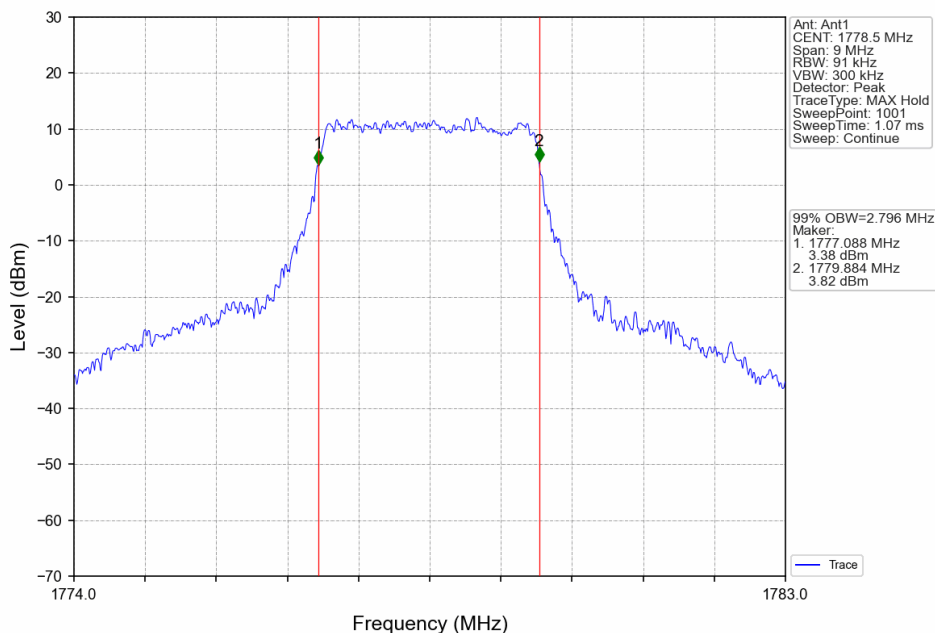


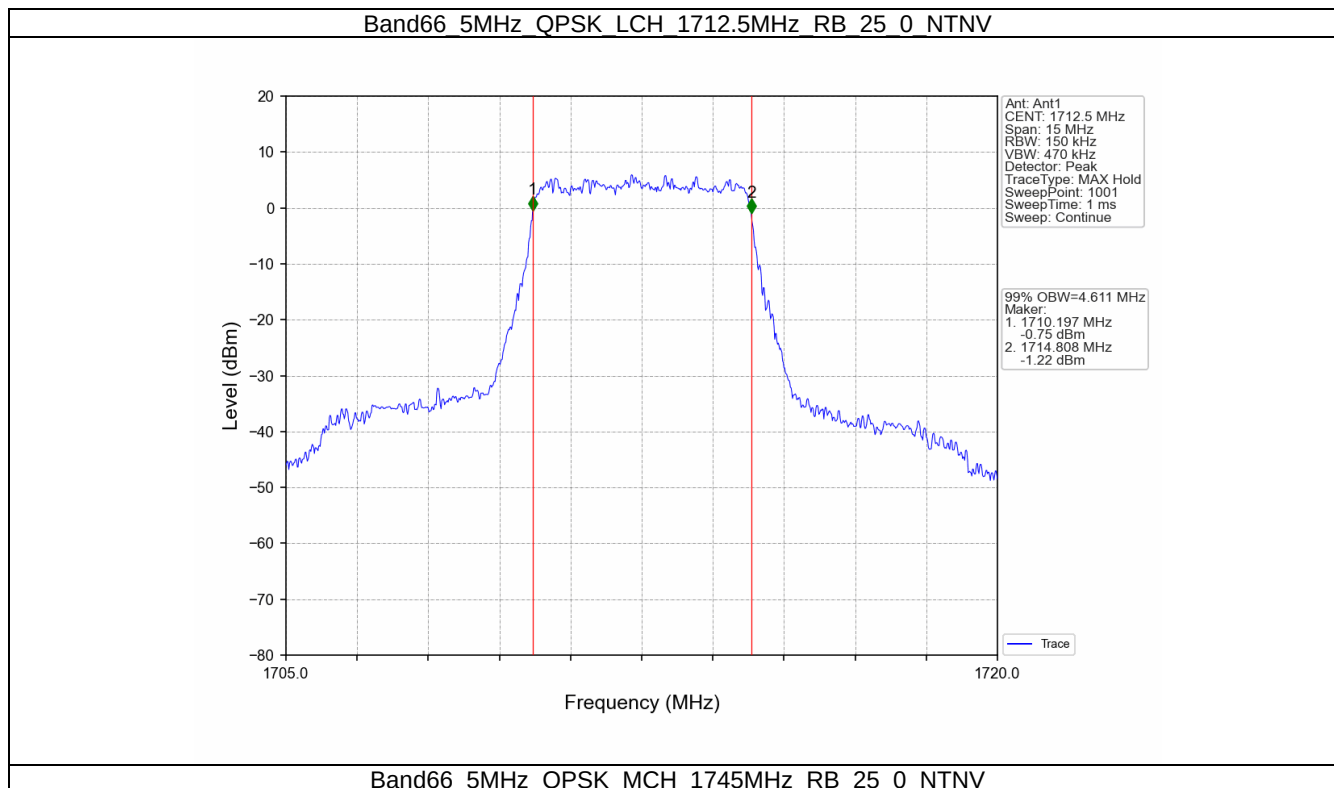


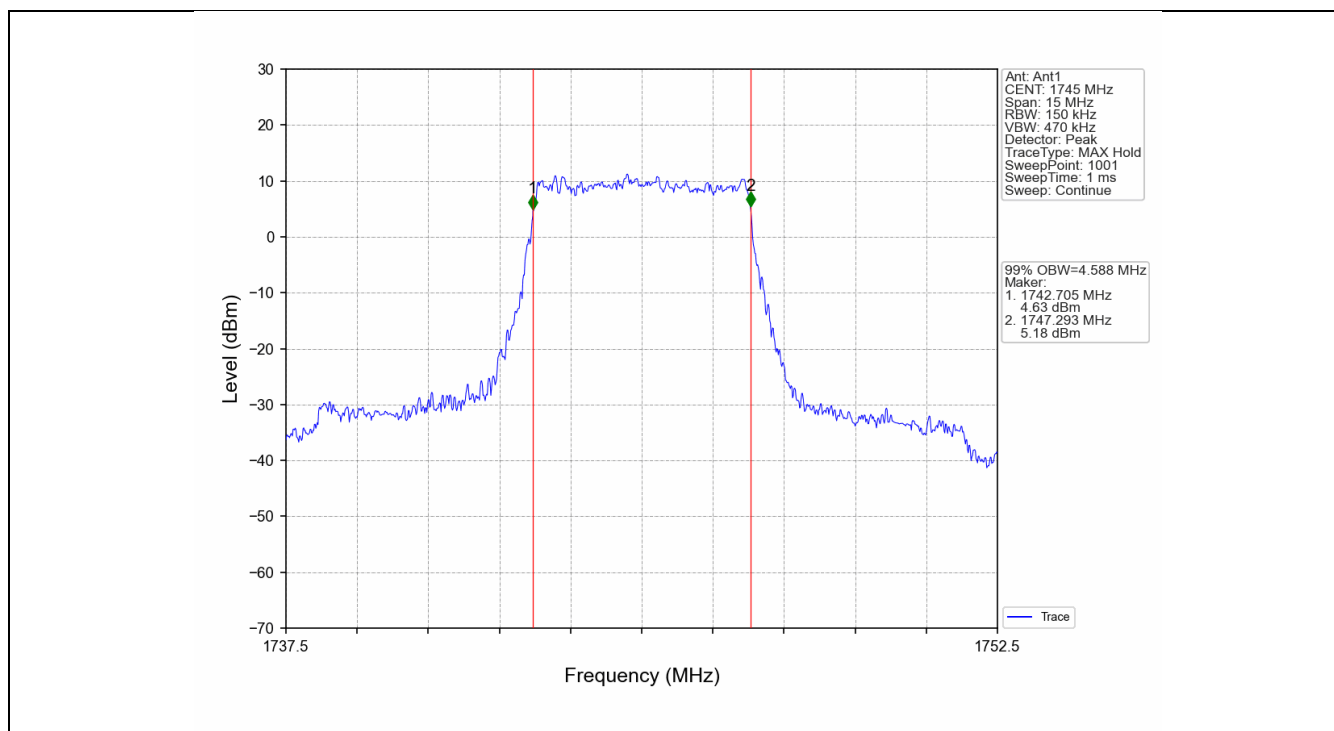


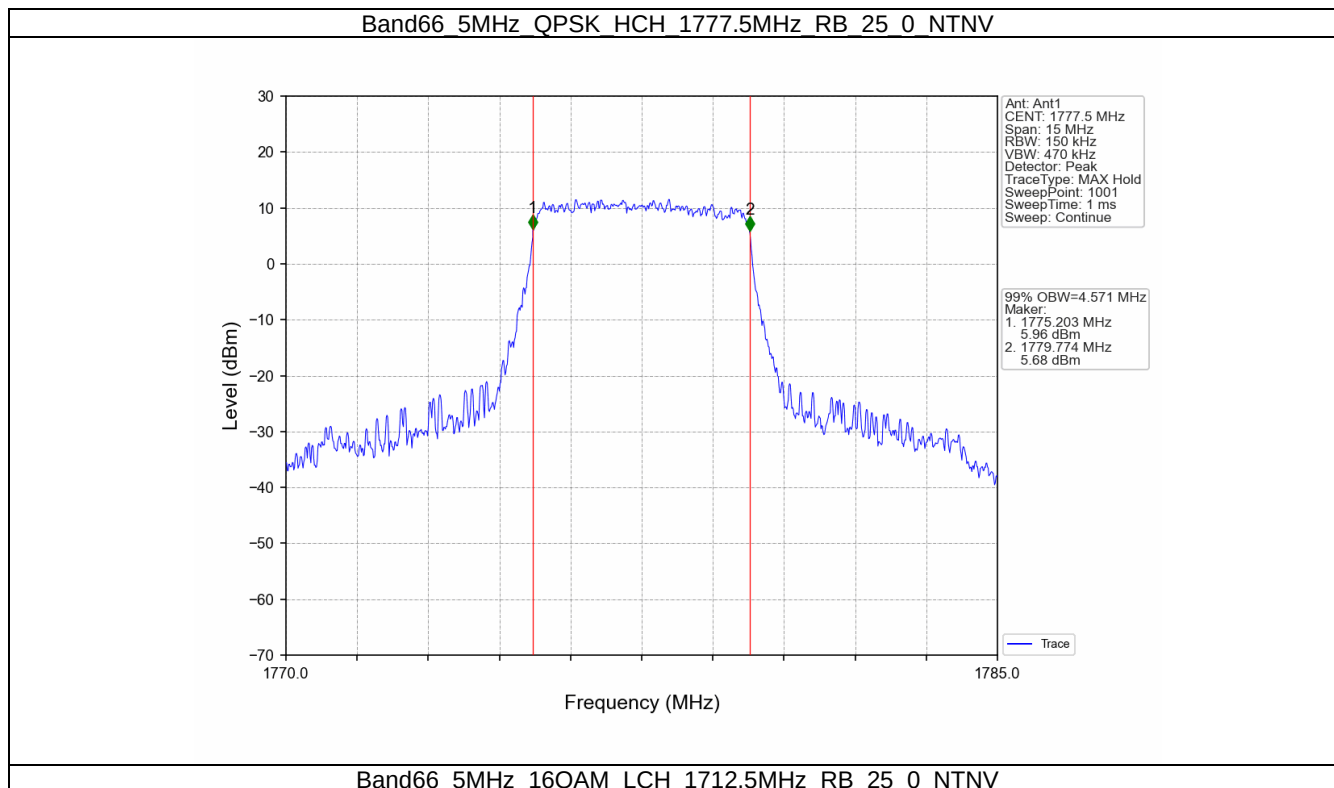


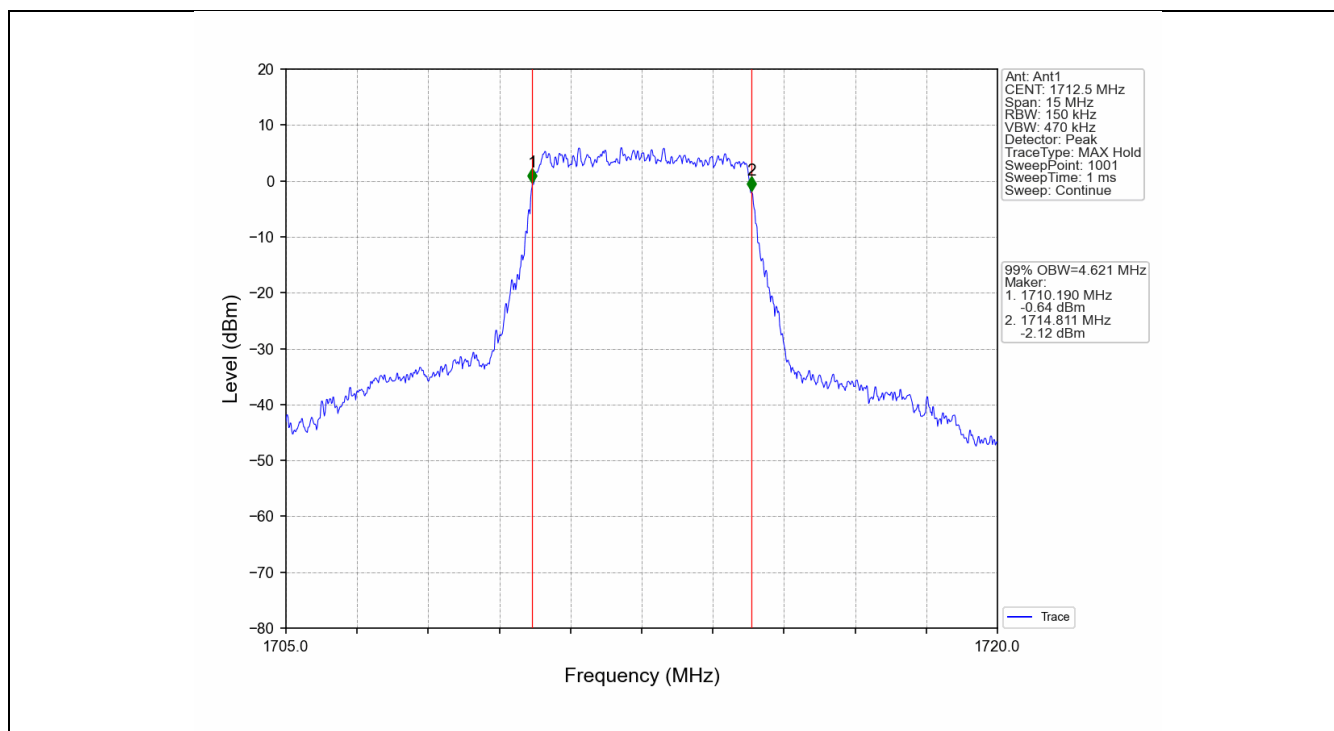


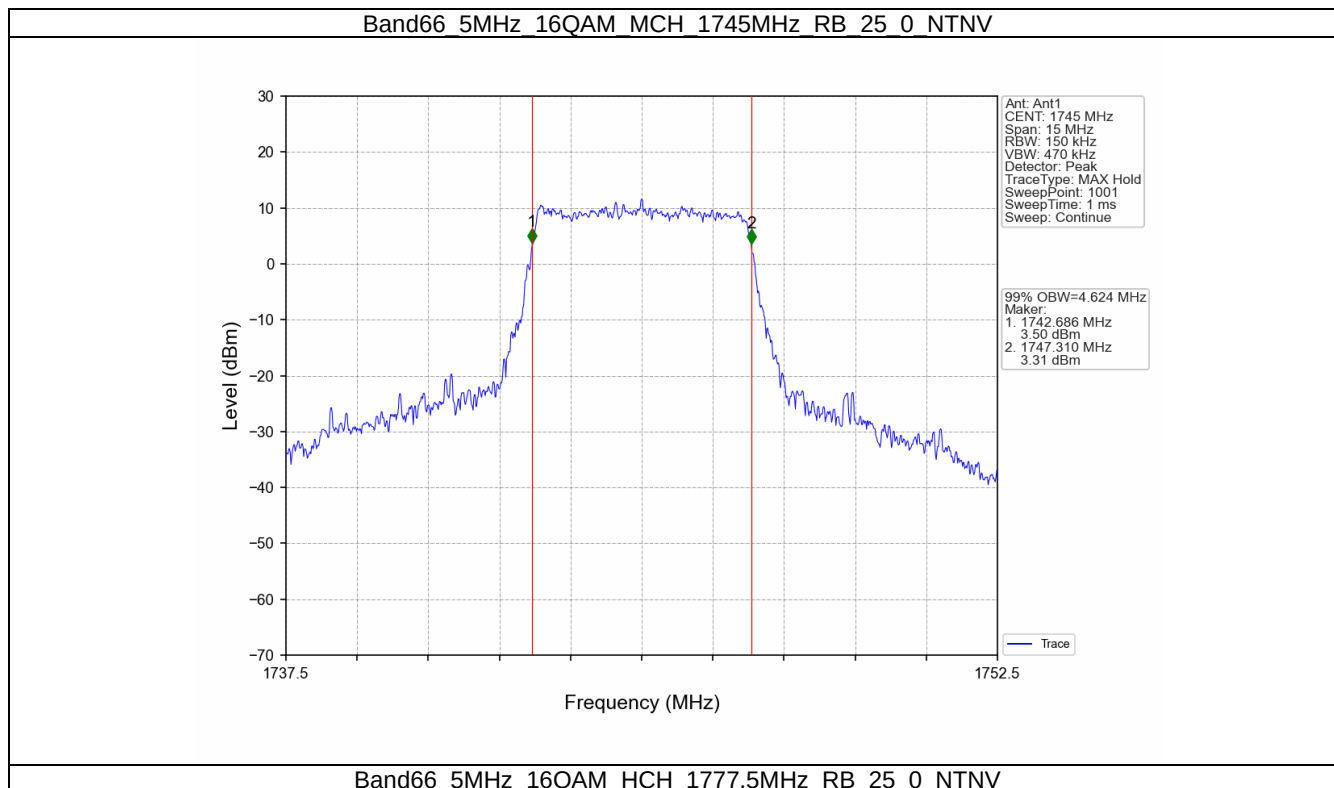


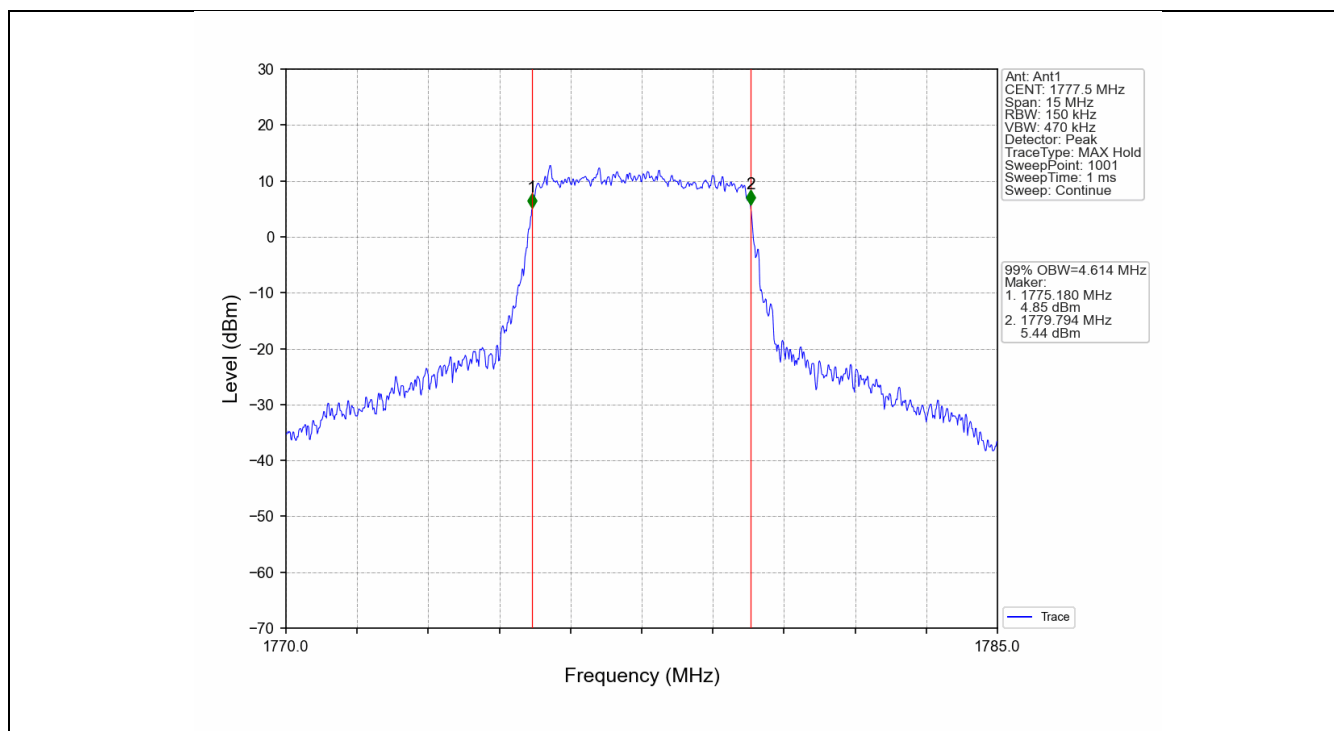


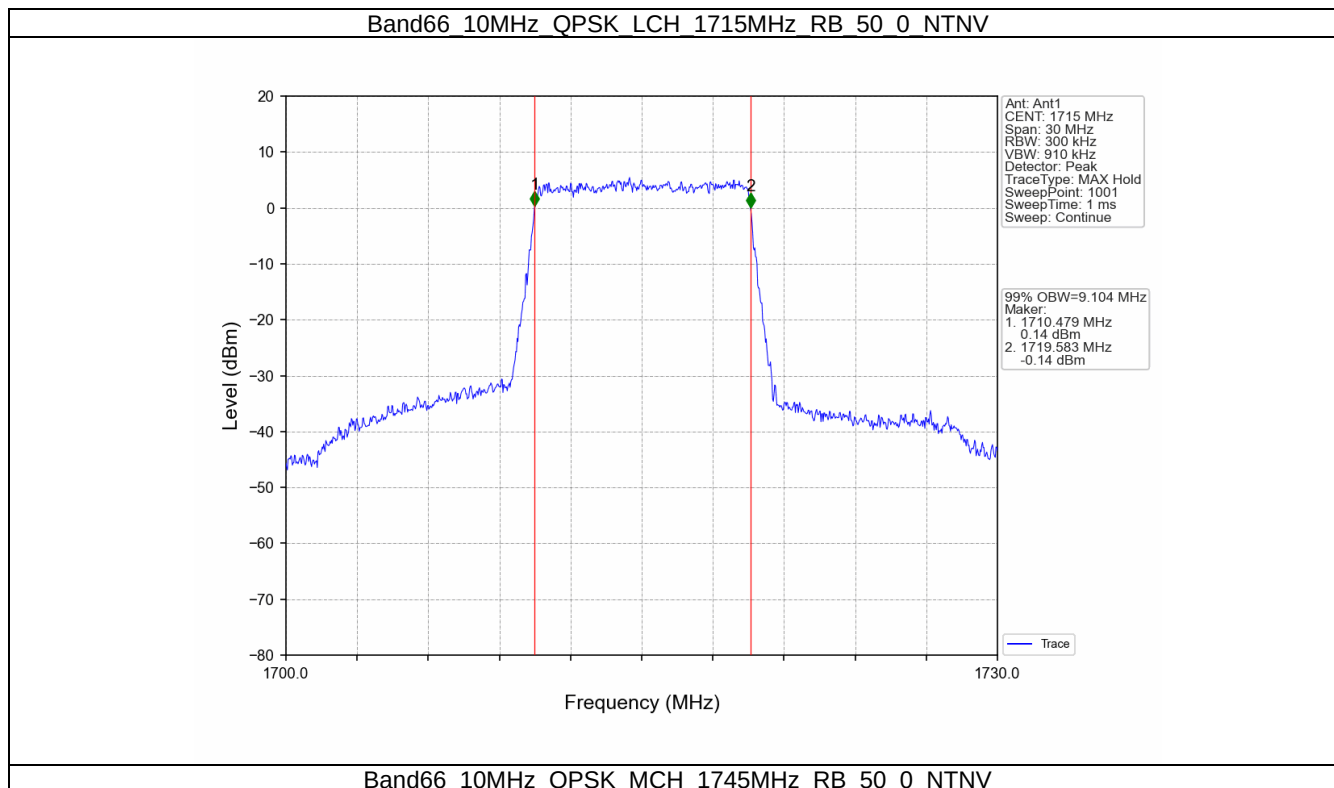


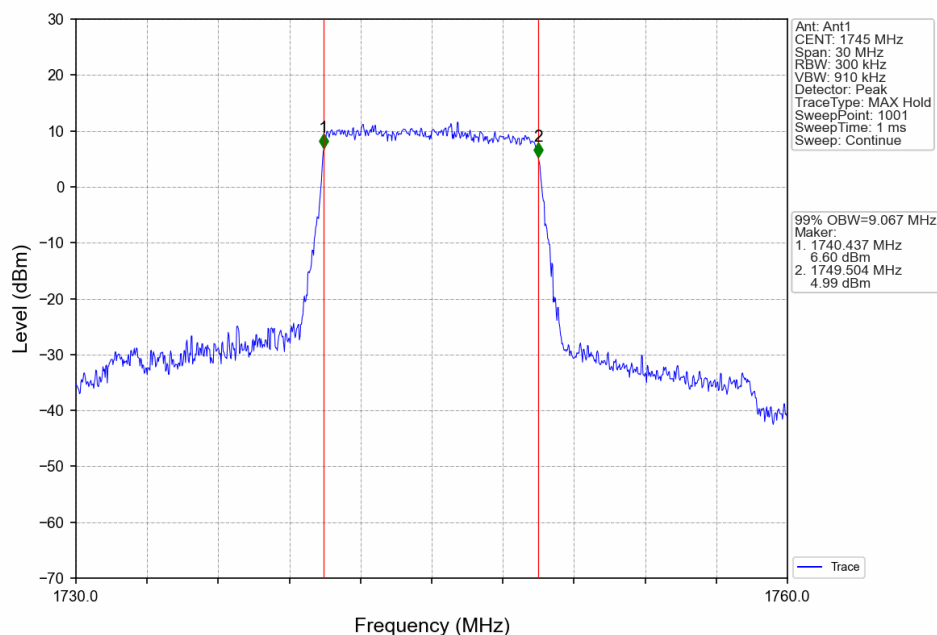


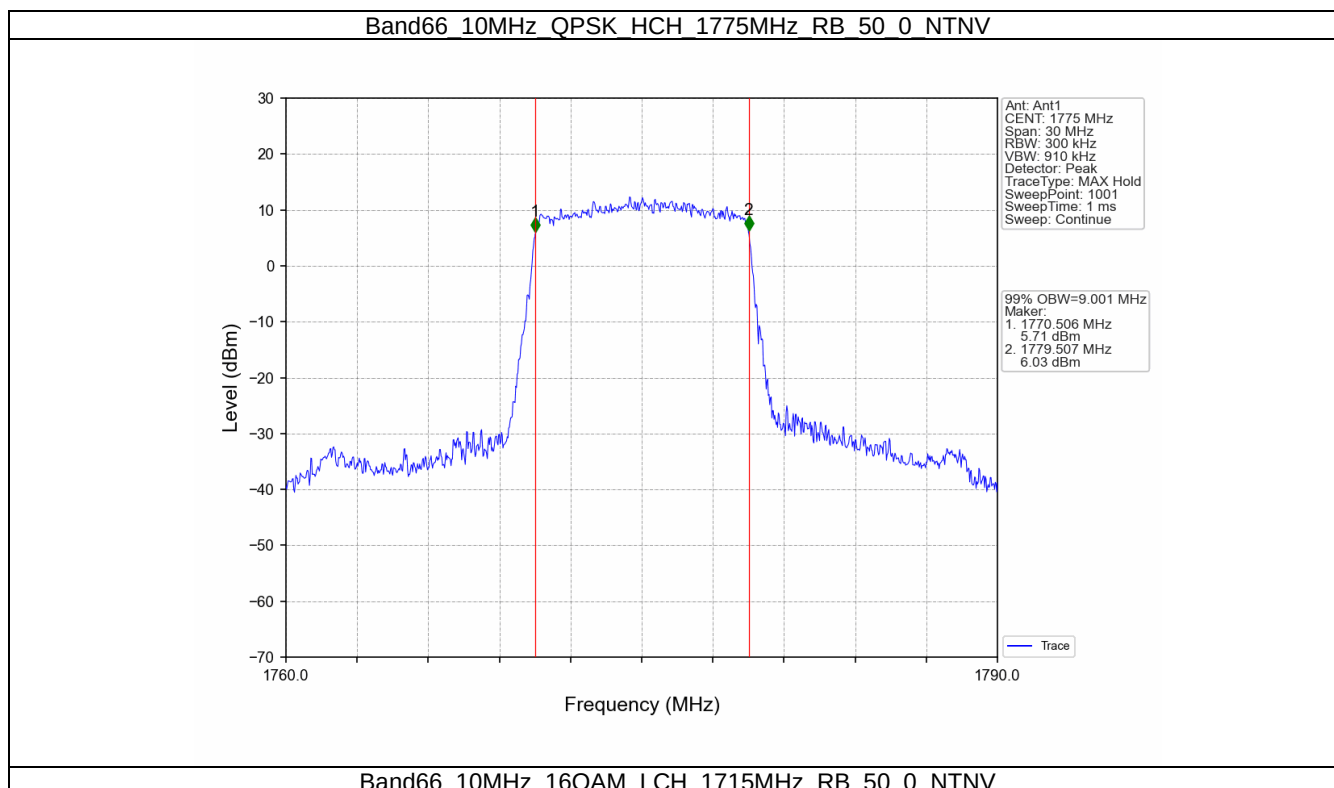












Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV

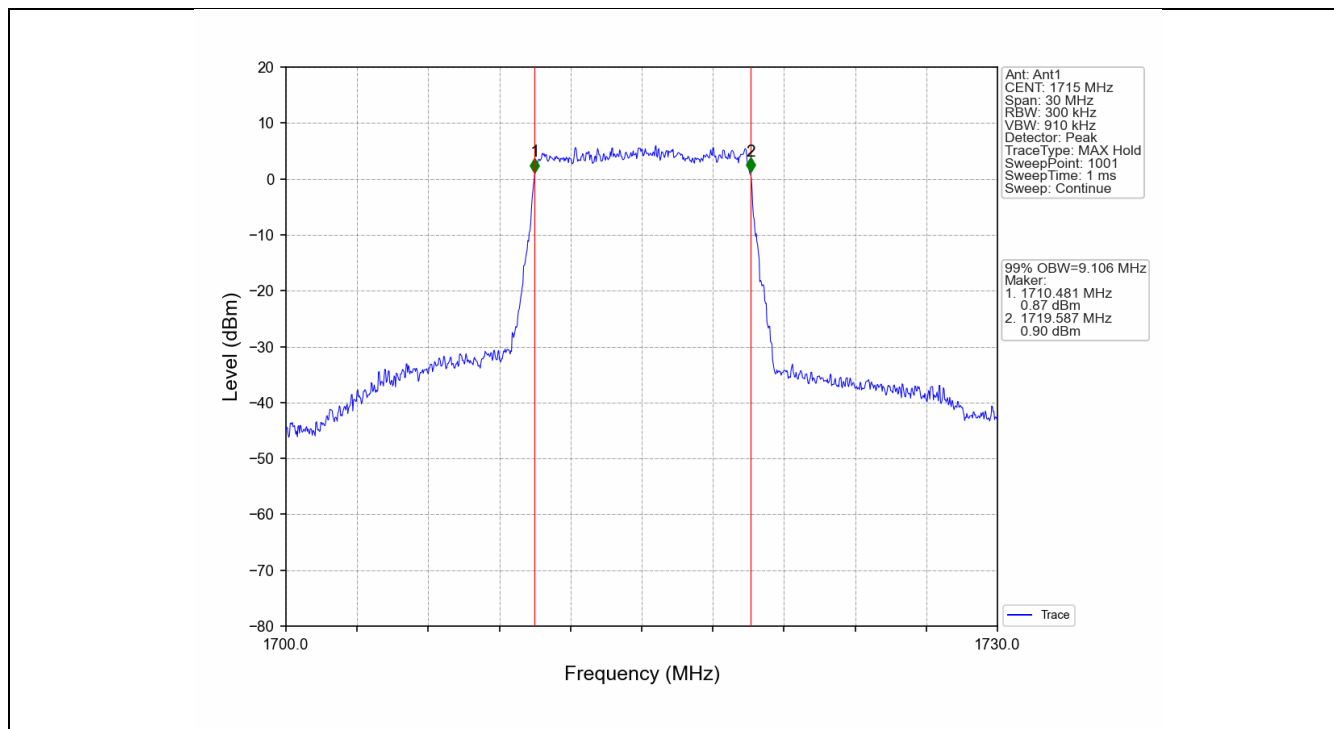


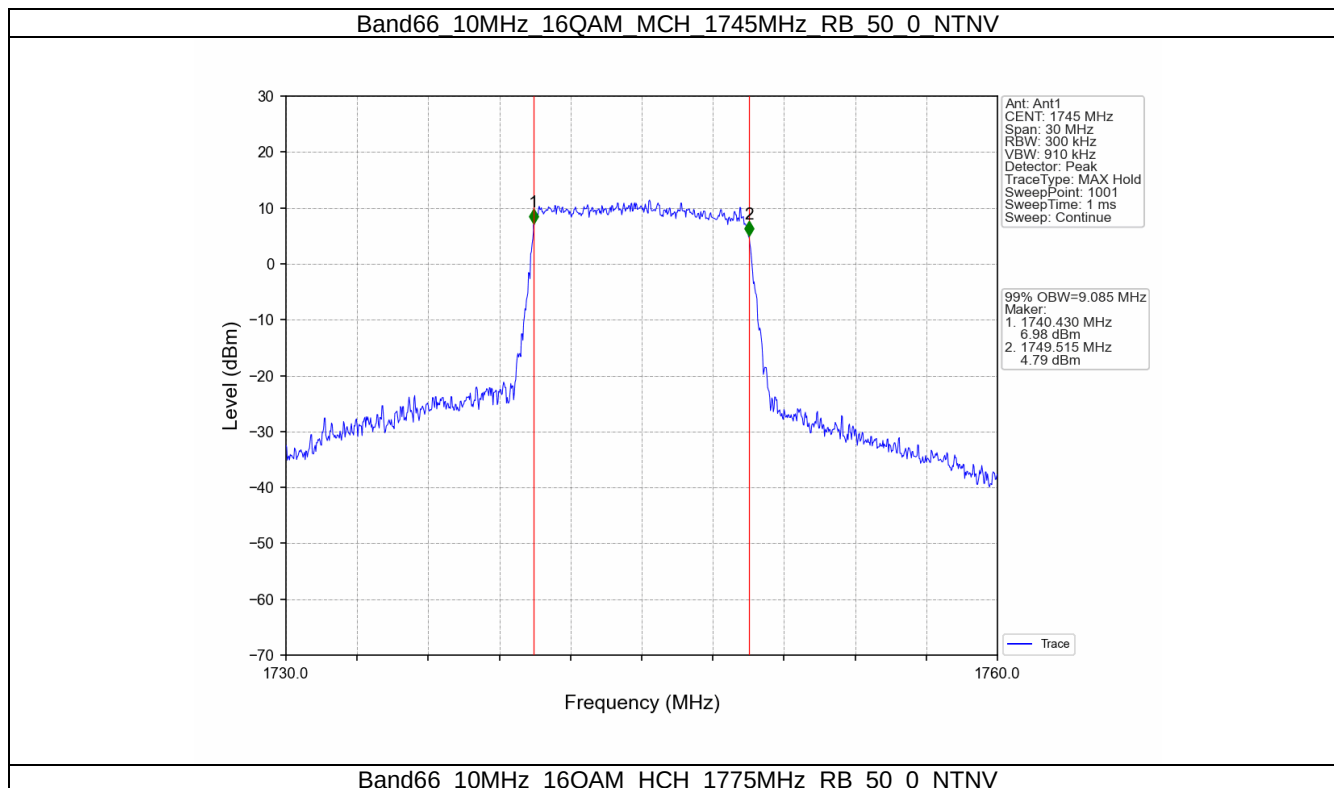
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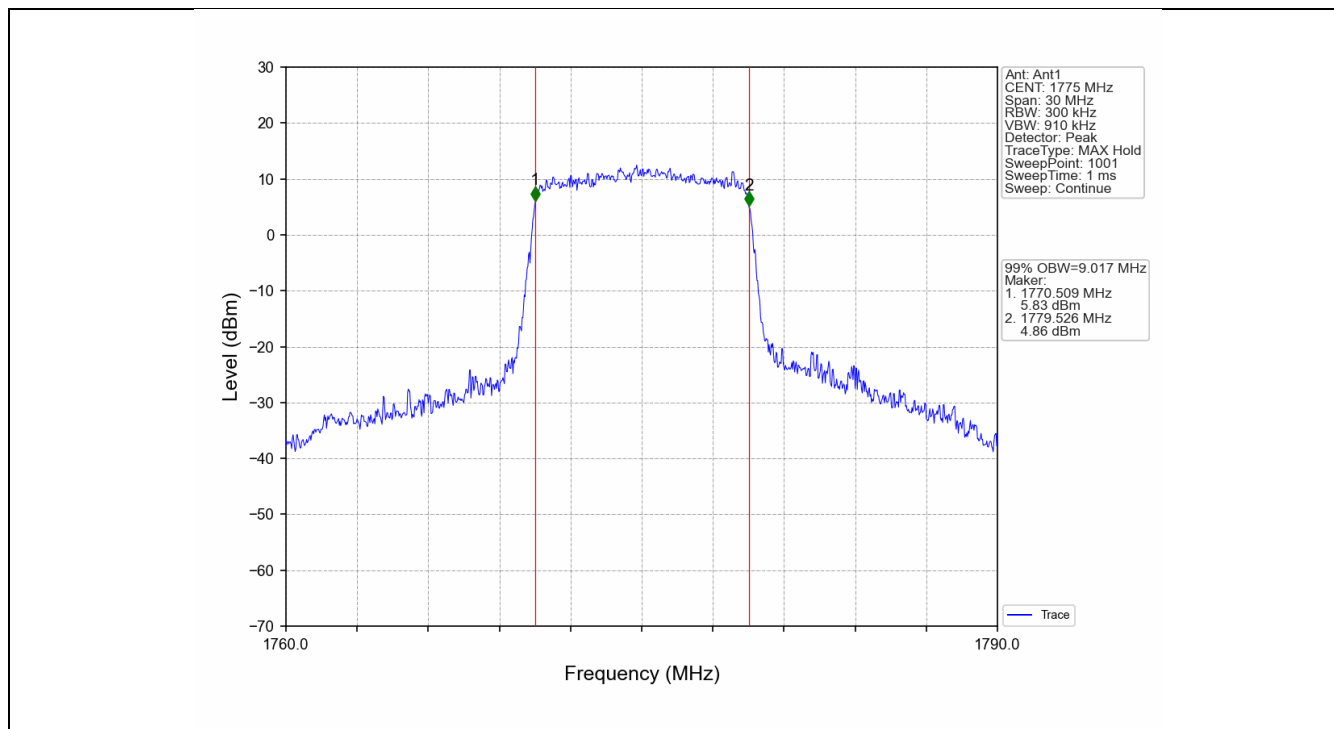
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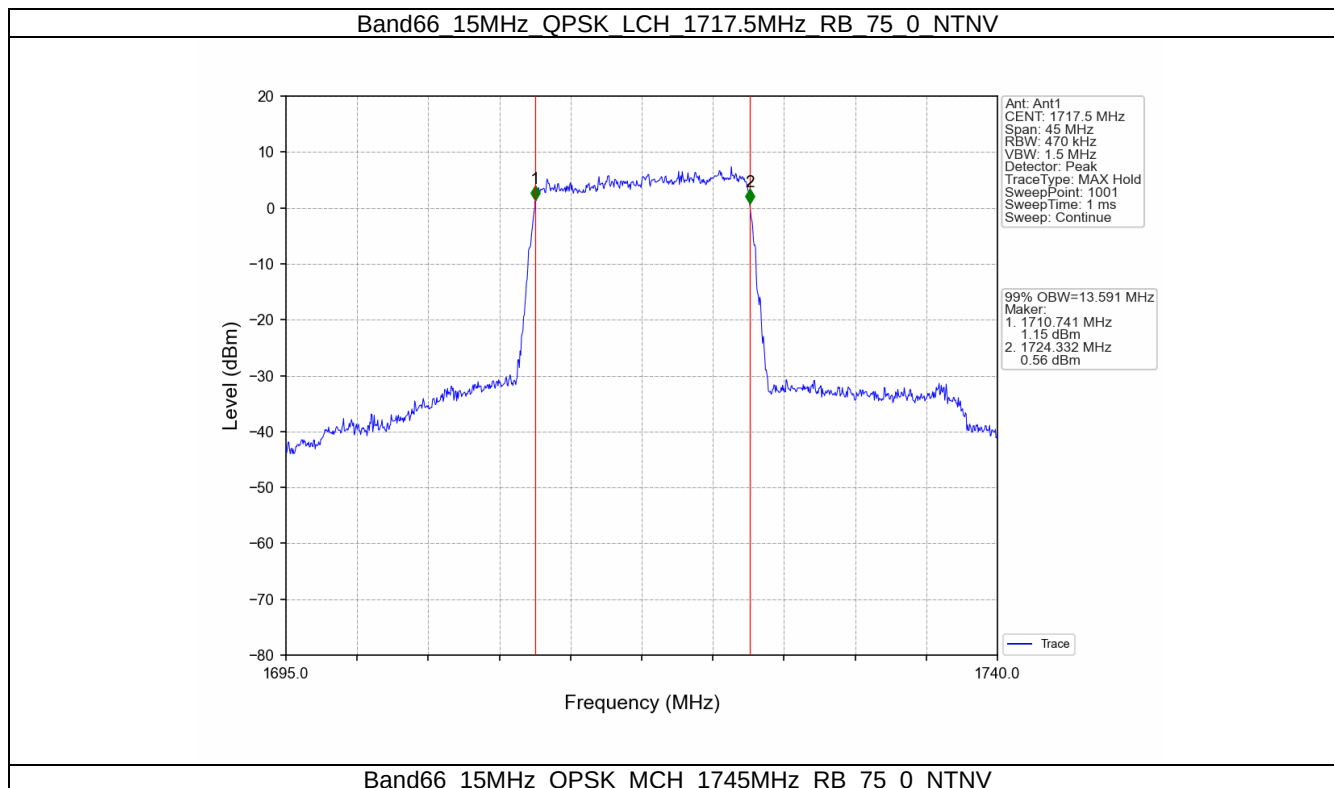
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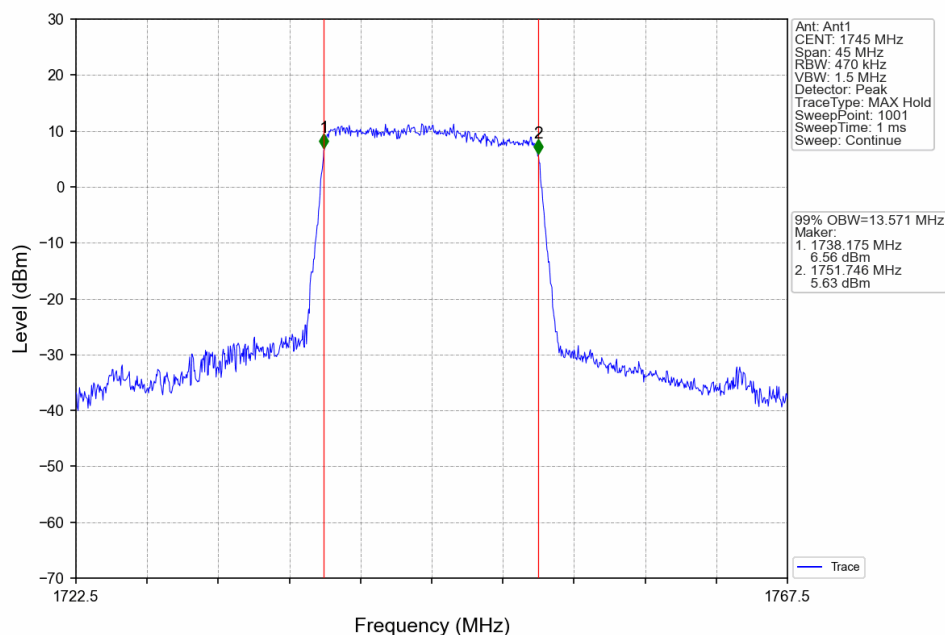
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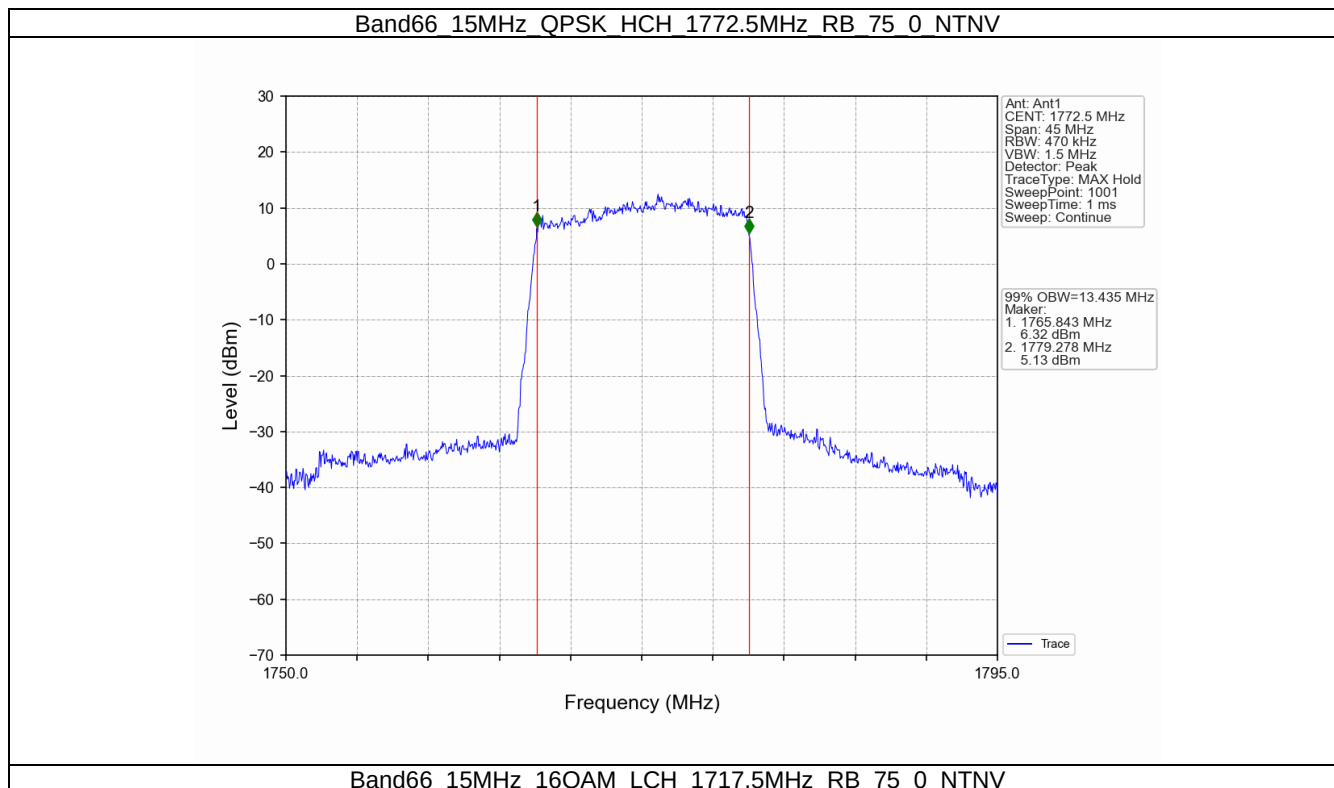












Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV

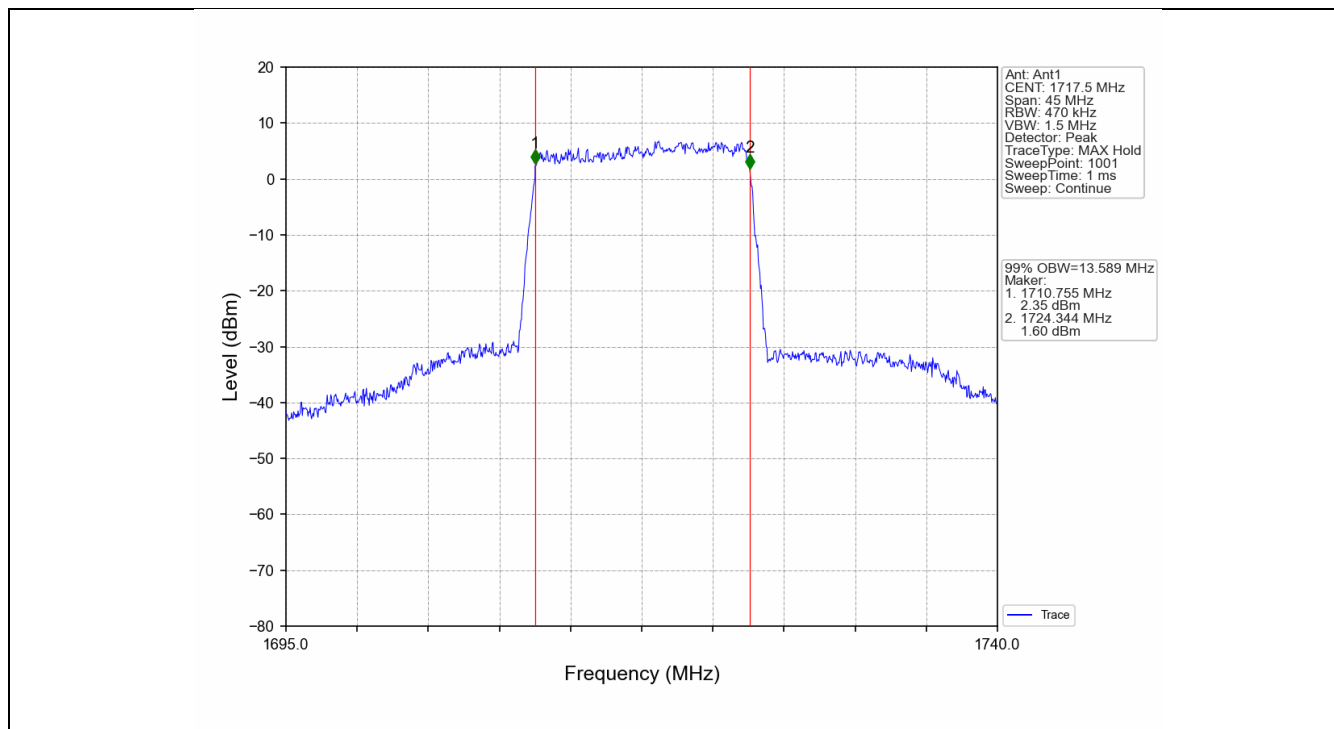


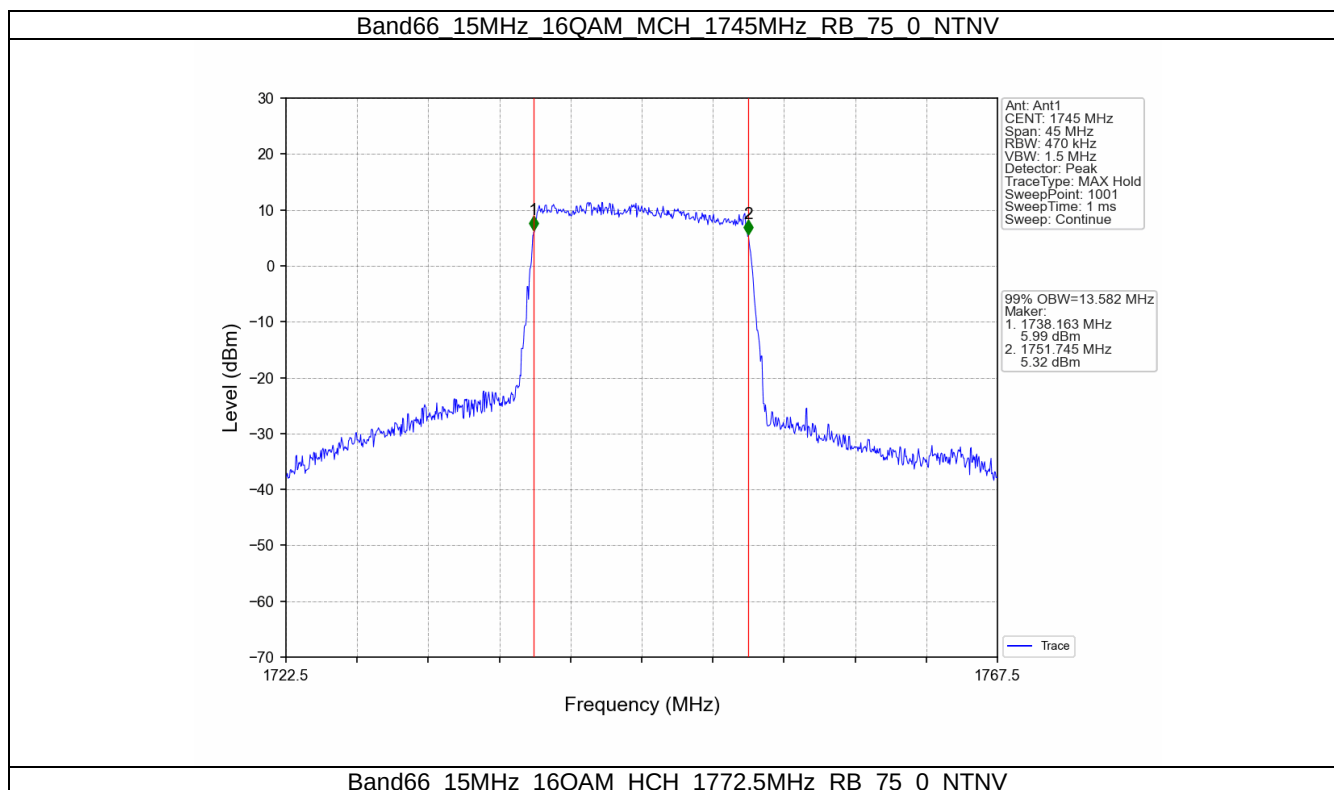
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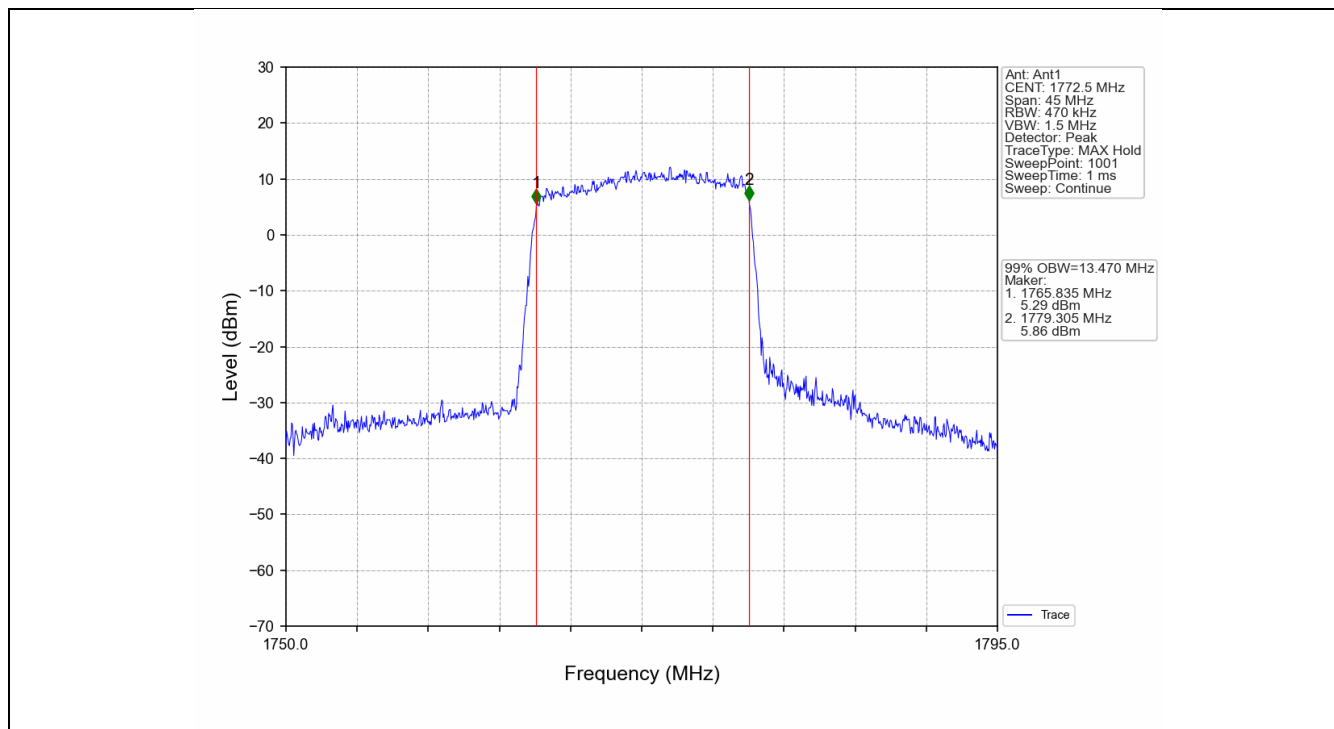
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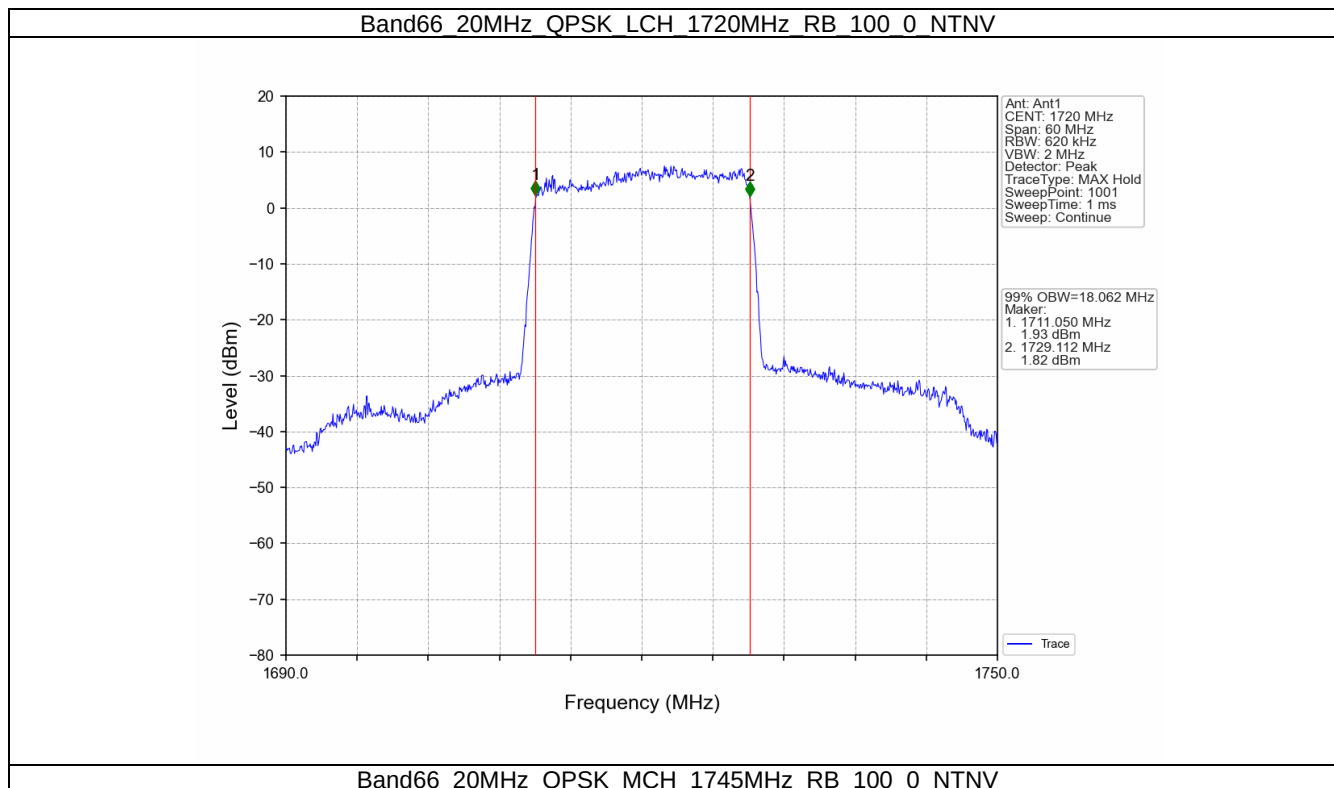
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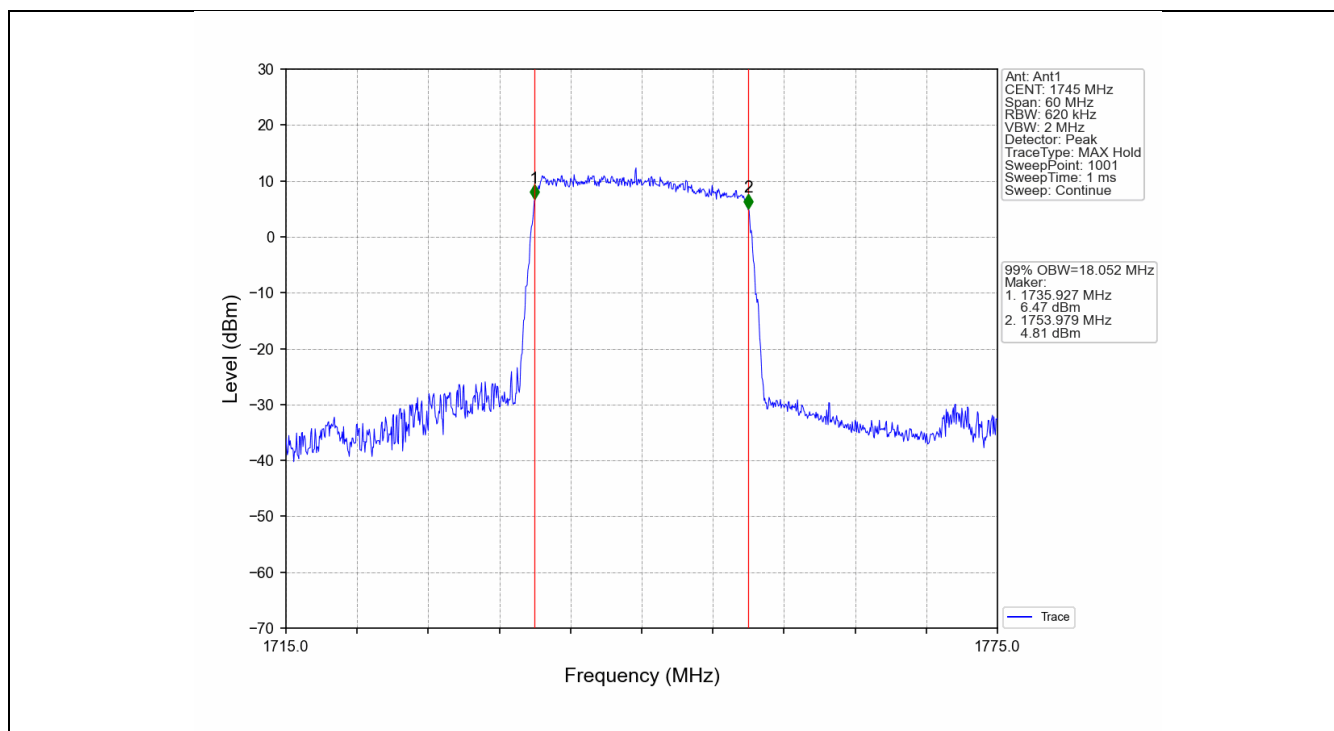
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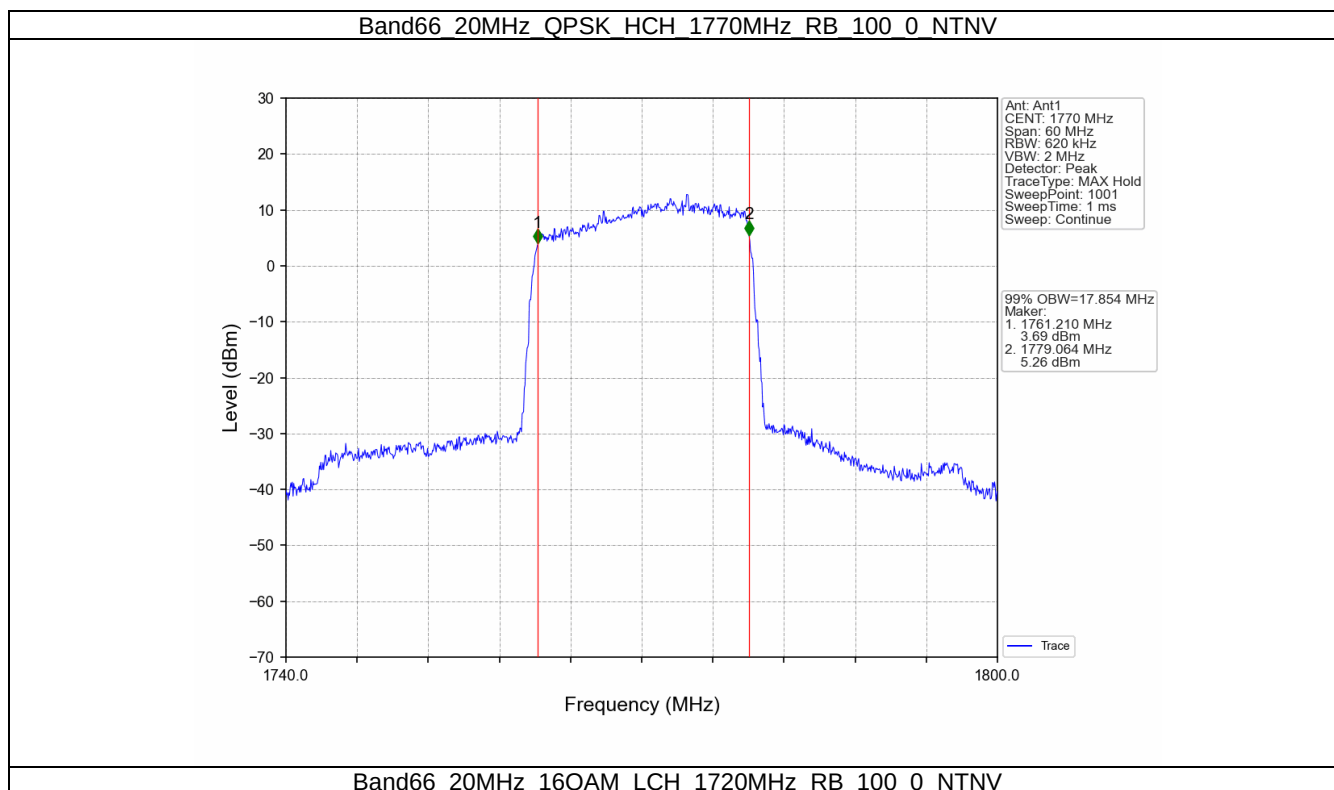












Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

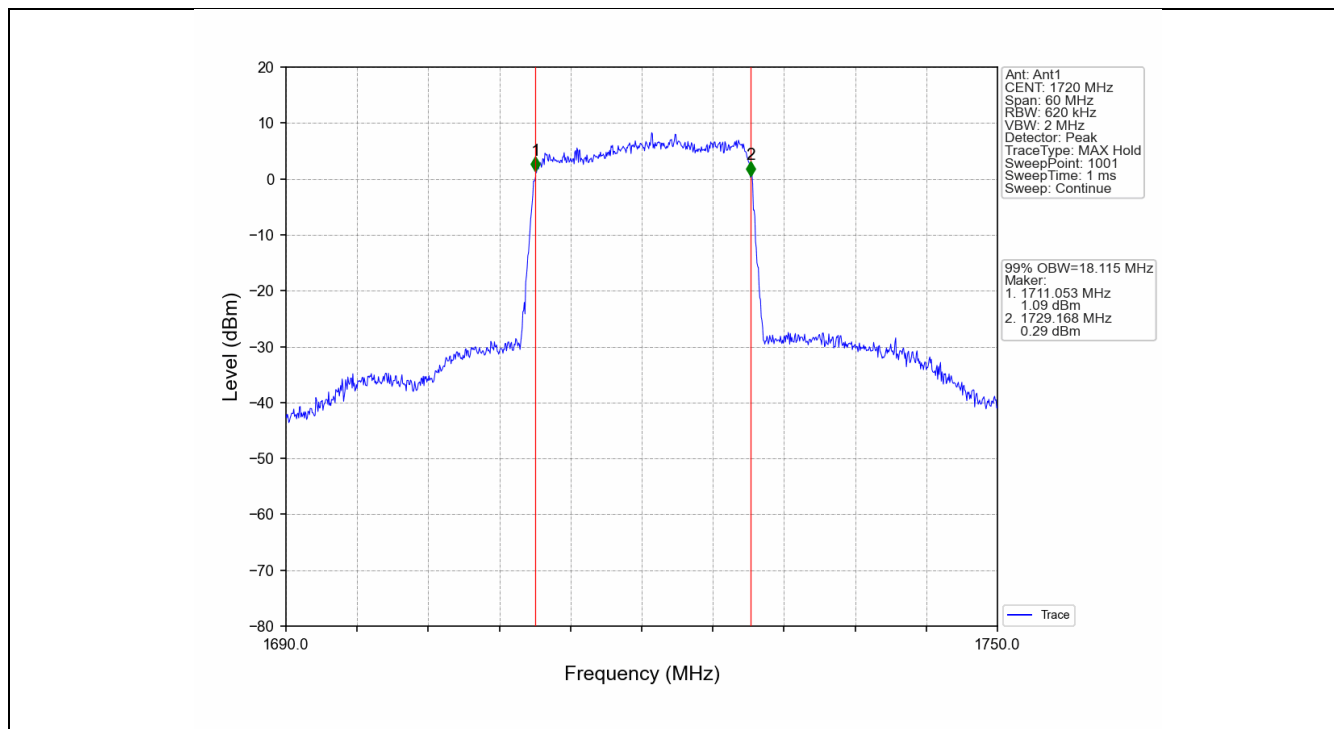


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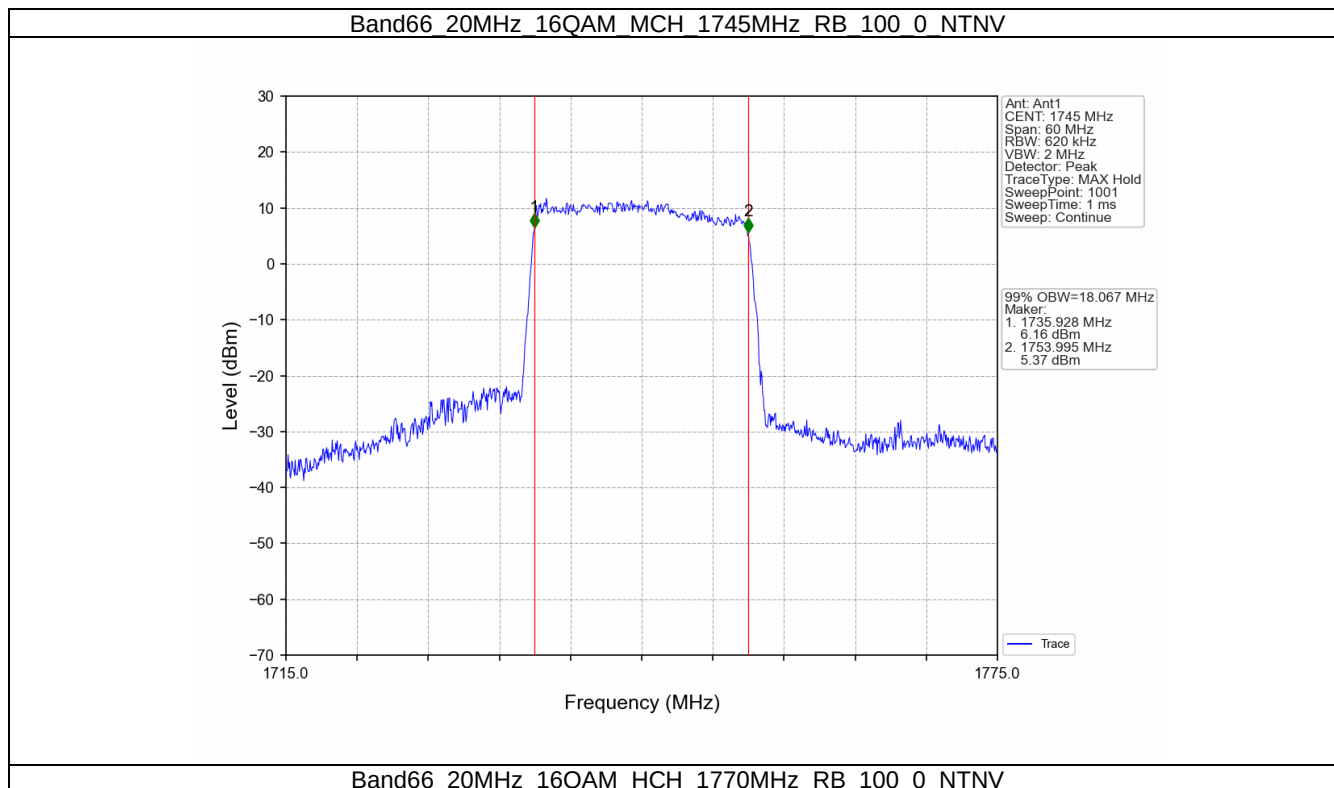


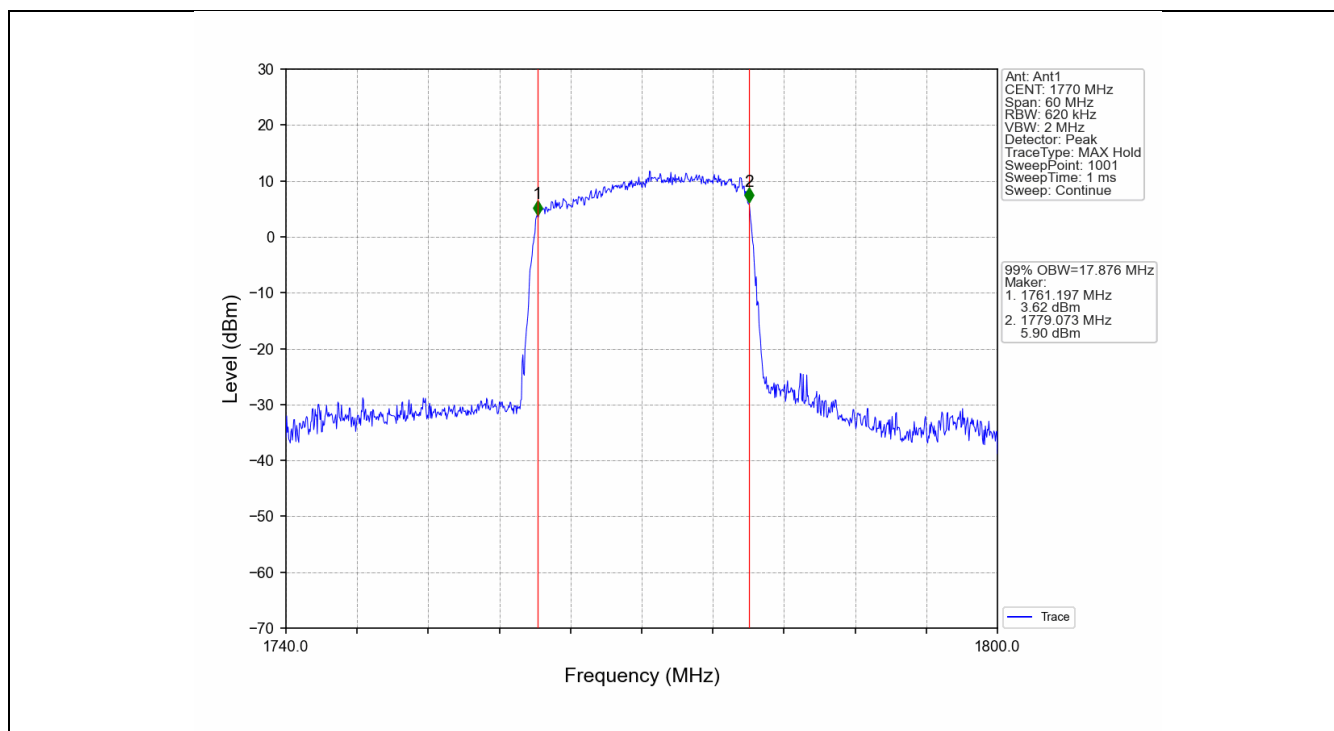
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3.2 Band66_XDB

3.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.578	Pass
		1745	6	0	1.588	Pass
		1779.3	6	0	1.629	Pass
	16QAM	1710.7	6	0	1.553	Pass
		1745	6	0	1.588	Pass
		1779.3	6	0	1.624	Pass
3	QPSK	1711.5	15	0	3.483	Pass
		1745	15	0	3.502	Pass
		1778.5	15	0	3.486	Pass
	16QAM	1711.5	15	0	3.411	Pass
		1745	15	0	3.387	Pass
		1778.5	15	0	3.468	Pass
5	QPSK	1712.5	25	0	5.497	Pass
		1745	25	0	5.384	Pass
		1777.5	25	0	5.474	Pass
	16QAM	1712.5	25	0	5.474	Pass
		1745	25	0	5.519	Pass
		1777.5	25	0	5.483	Pass
10	QPSK	1715	50	0	10.229	Pass
		1745	50	0	10.199	Pass
		1775	50	0	10.172	Pass
	16QAM	1715	50	0	10.226	Pass
		1745	50	0	10.163	Pass
		1775	50	0	9.992	Pass
15	QPSK	1717.5	75	0	14.961	Pass
		1745	75	0	14.968	Pass
		1772.5	75	0	14.777	Pass
	16QAM	1717.5	75	0	15.007	Pass
		1745	75	0	14.979	Pass
		1772.5	75	0	14.771	Pass
20	QPSK	1720	100	0	19.623	Pass
		1745	100	0	19.738	Pass
		1770	100	0	19.369	Pass
	16QAM	1720	100	0	19.618	Pass
		1745	100	0	19.705	Pass
		1770	100	0	19.489	Pass





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Page: 191 of 227



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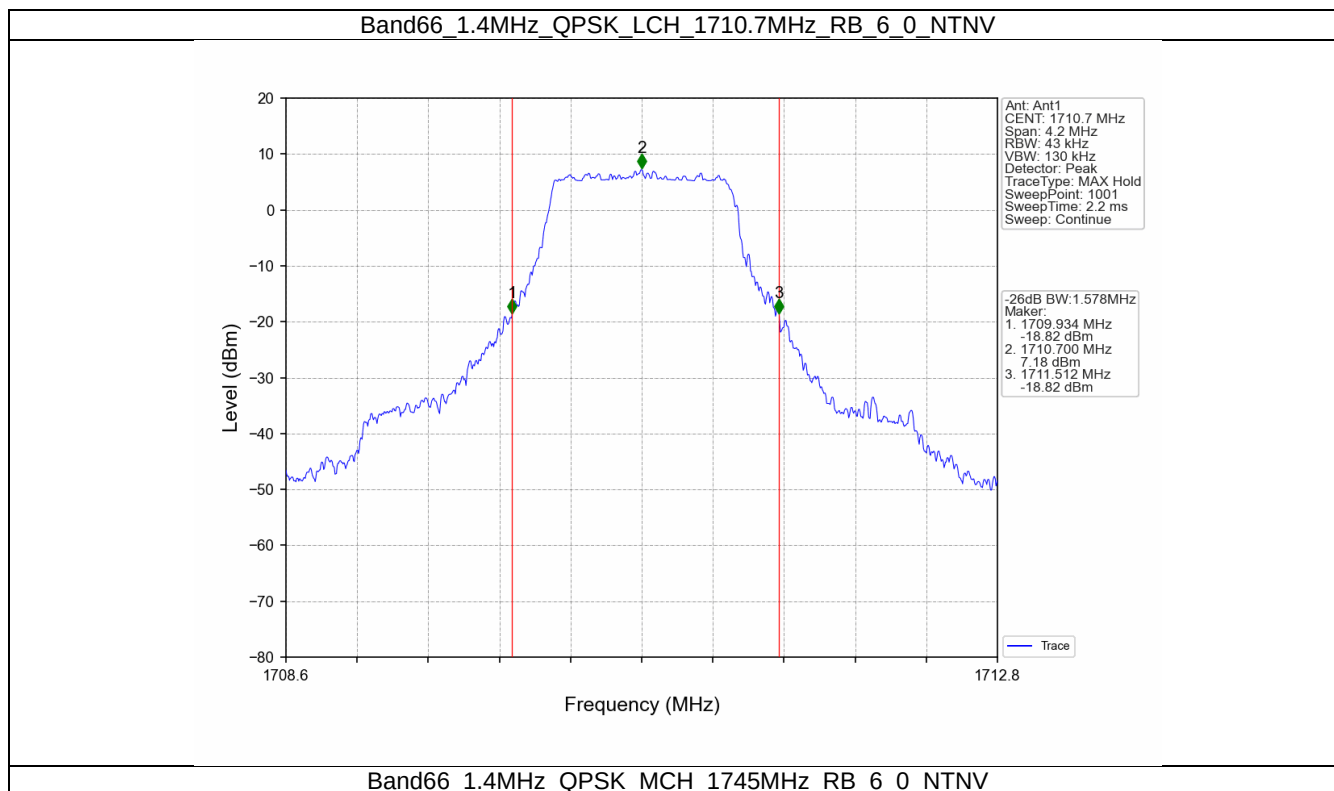
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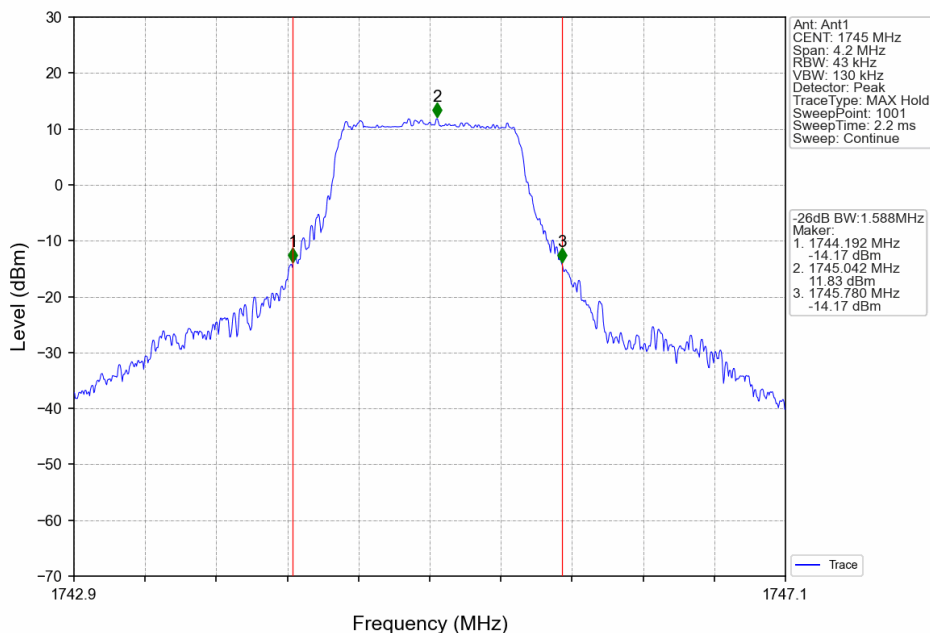
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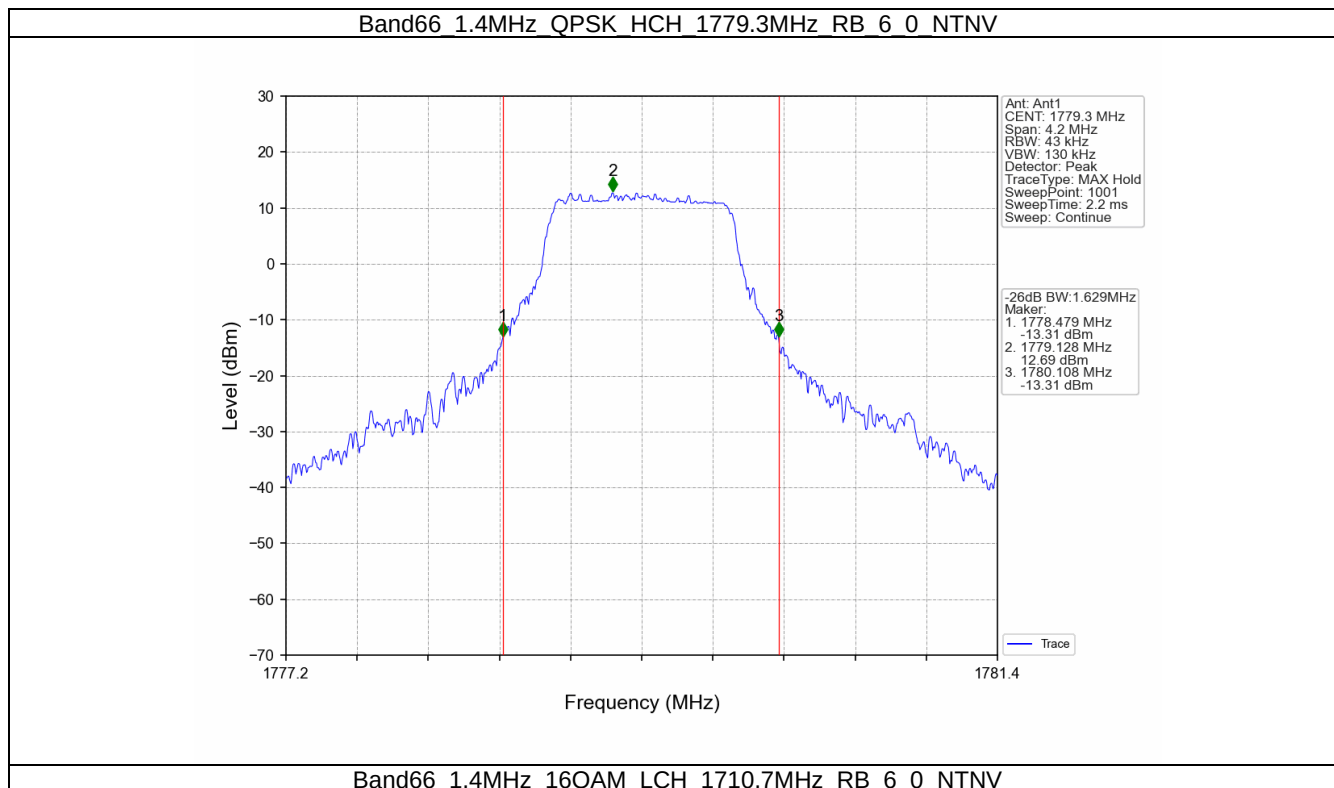
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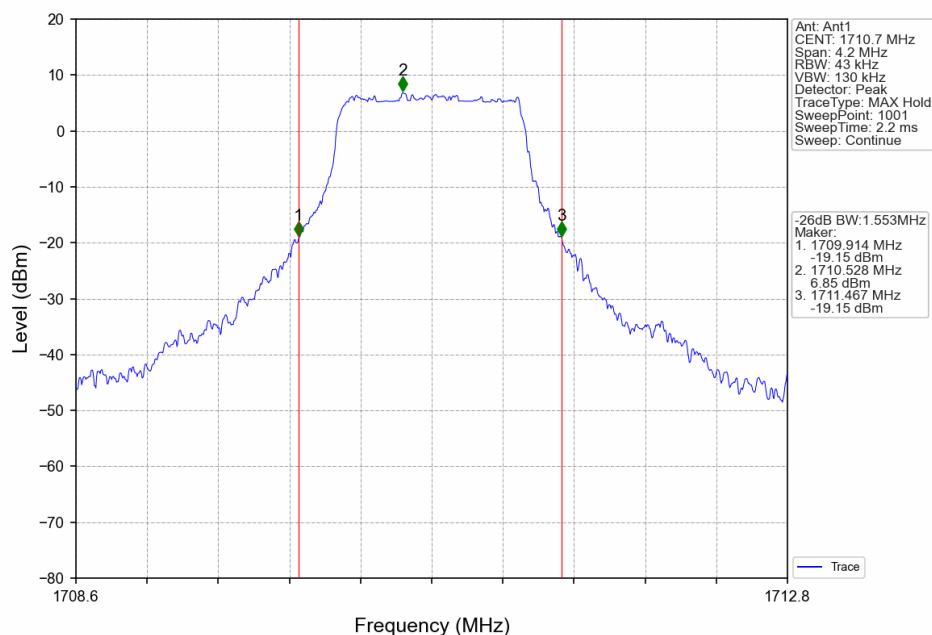
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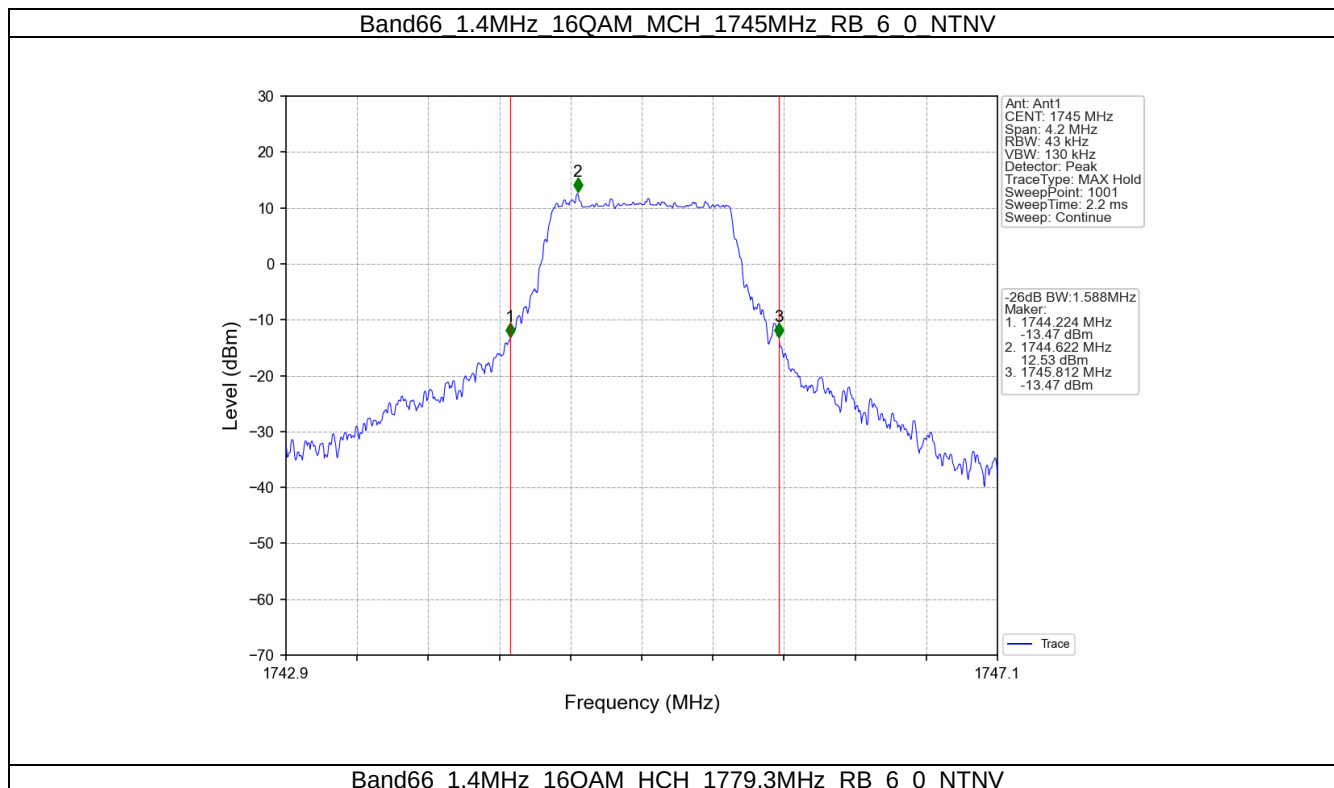
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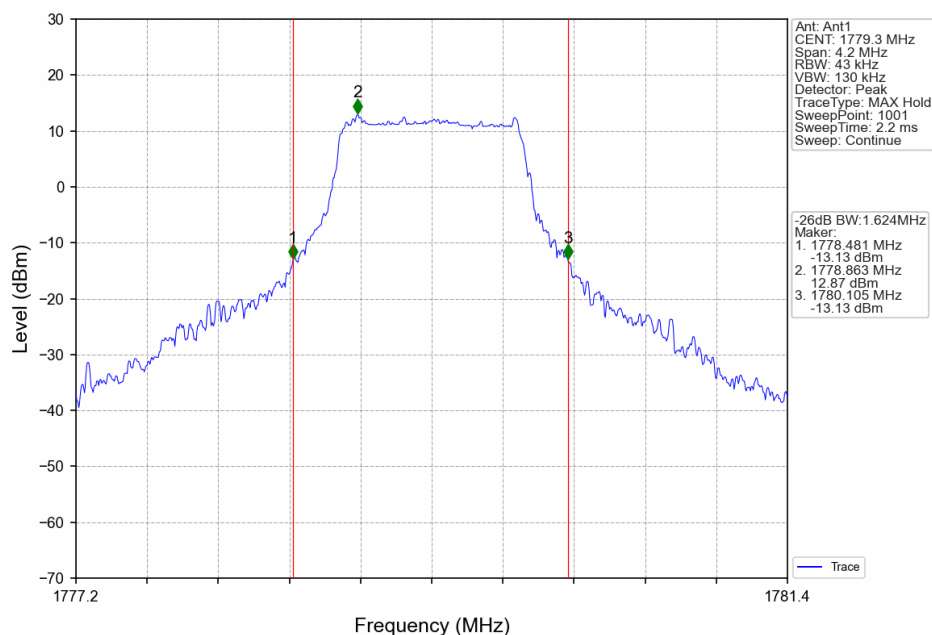


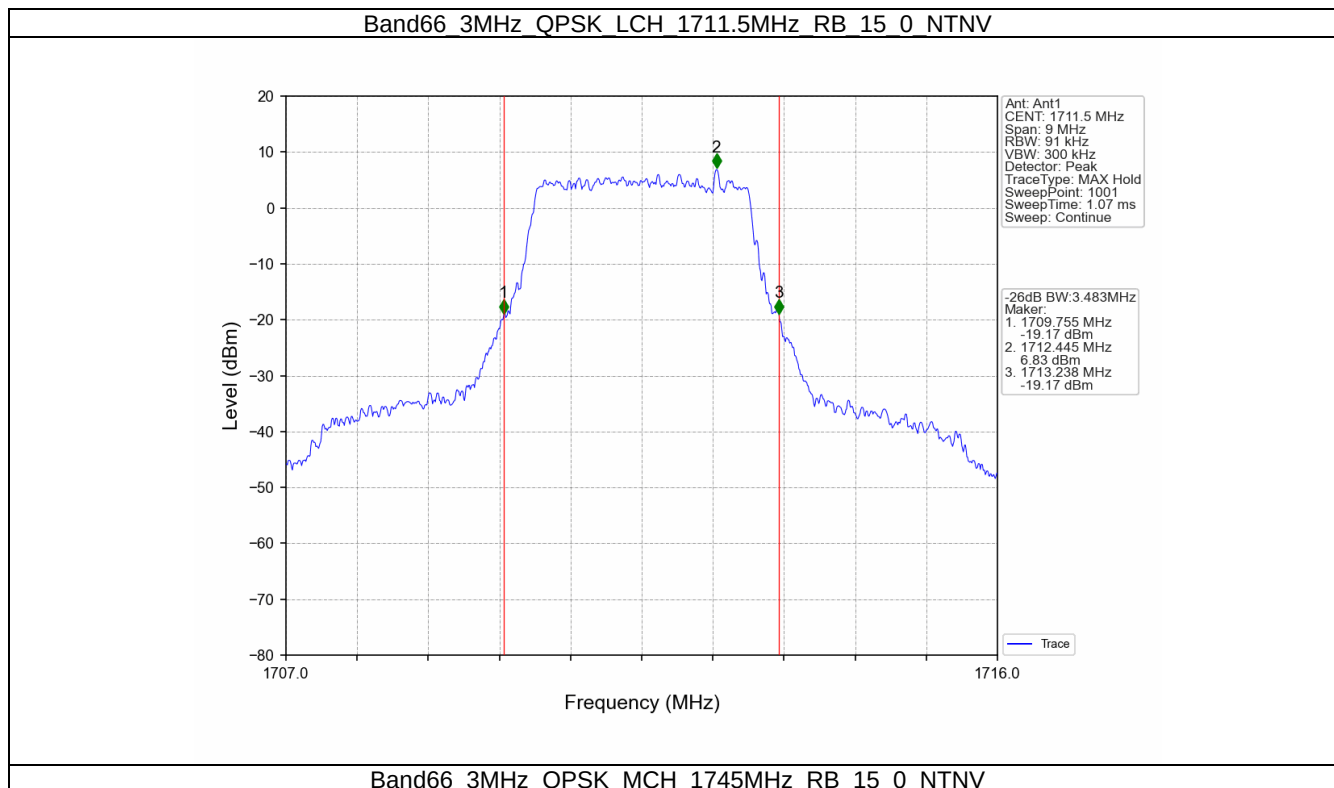


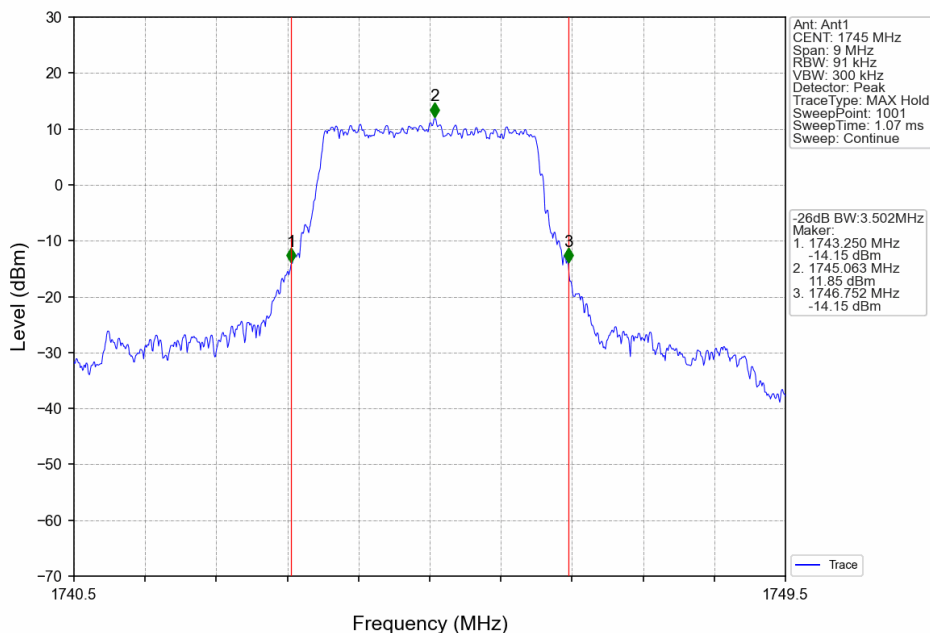


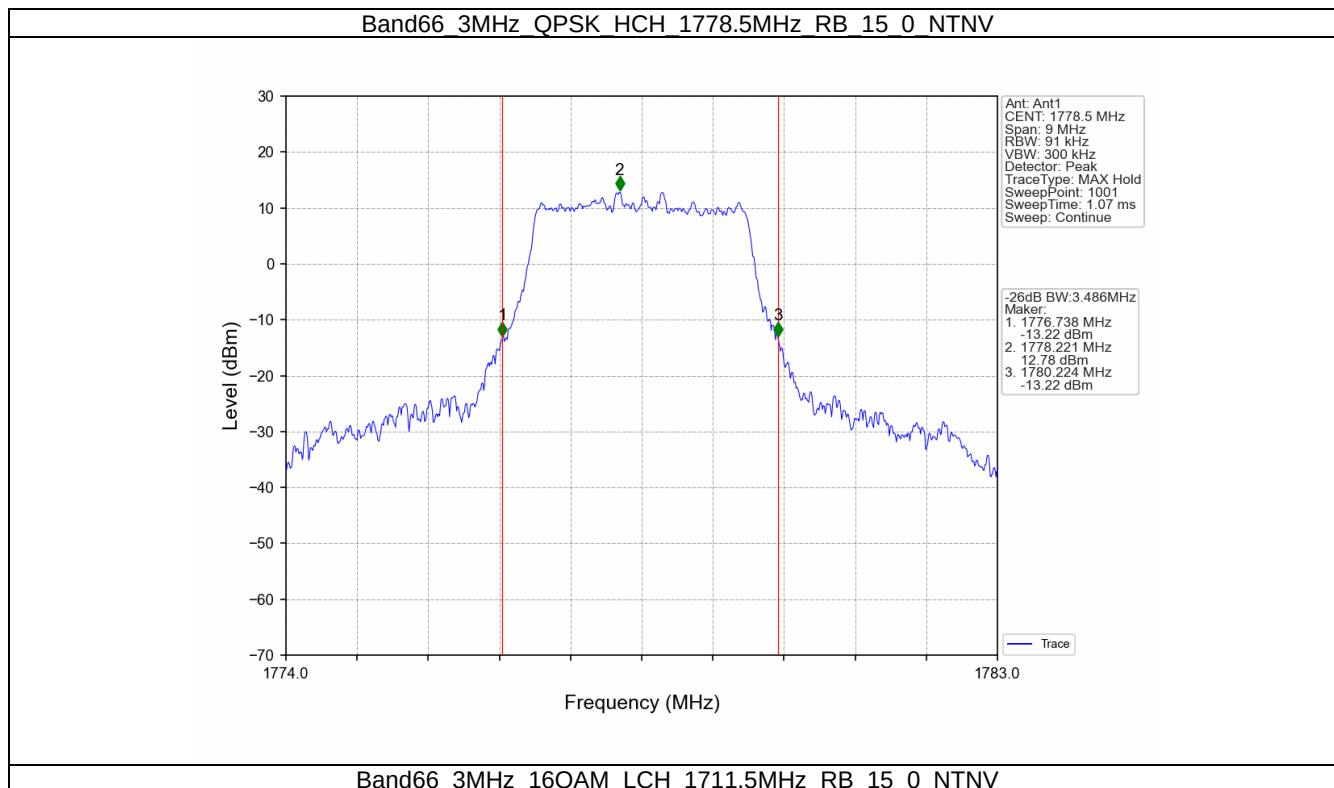


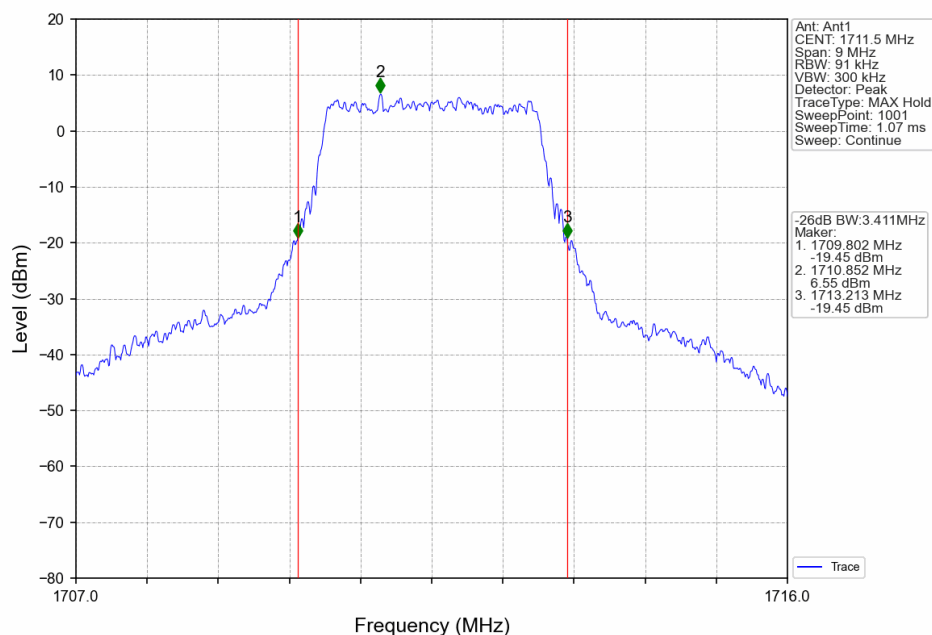


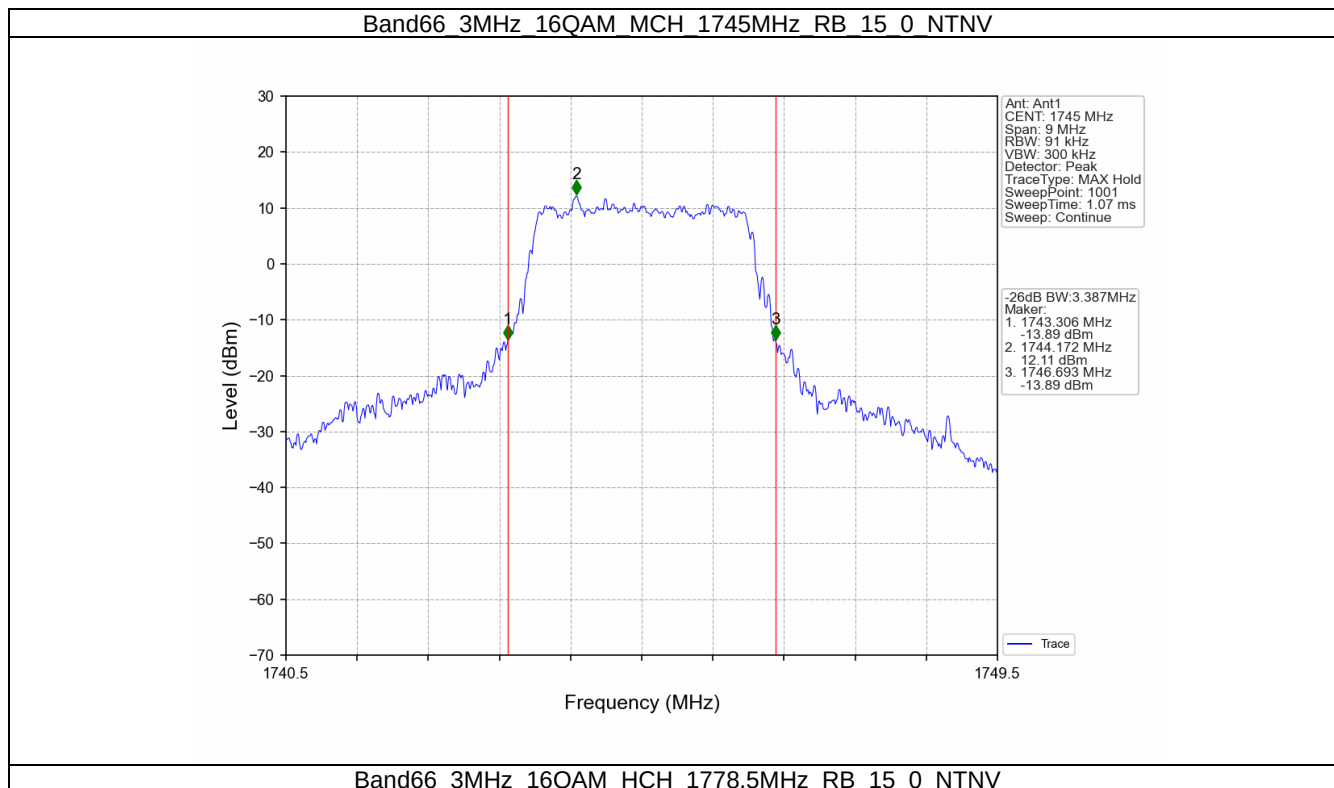


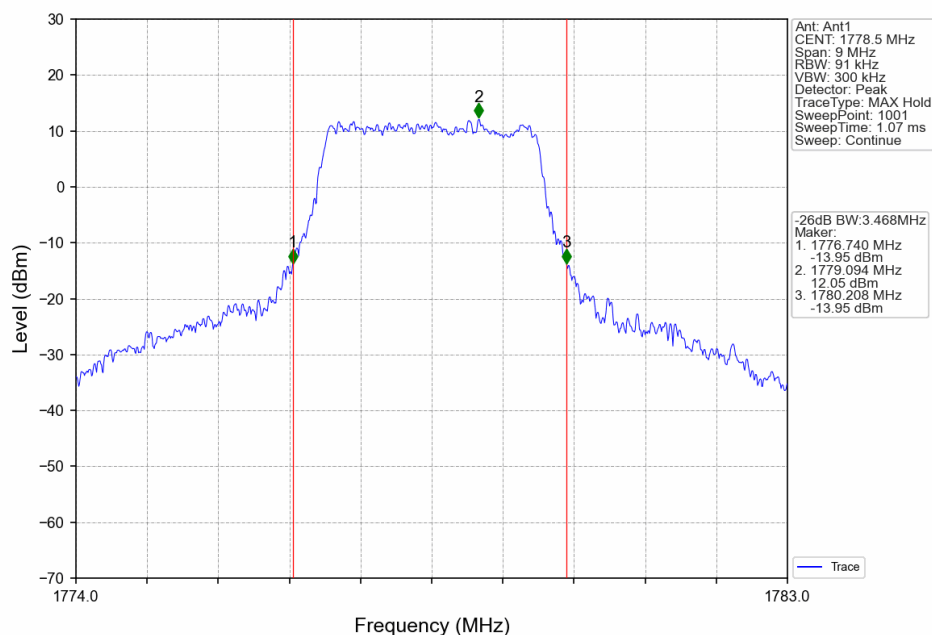


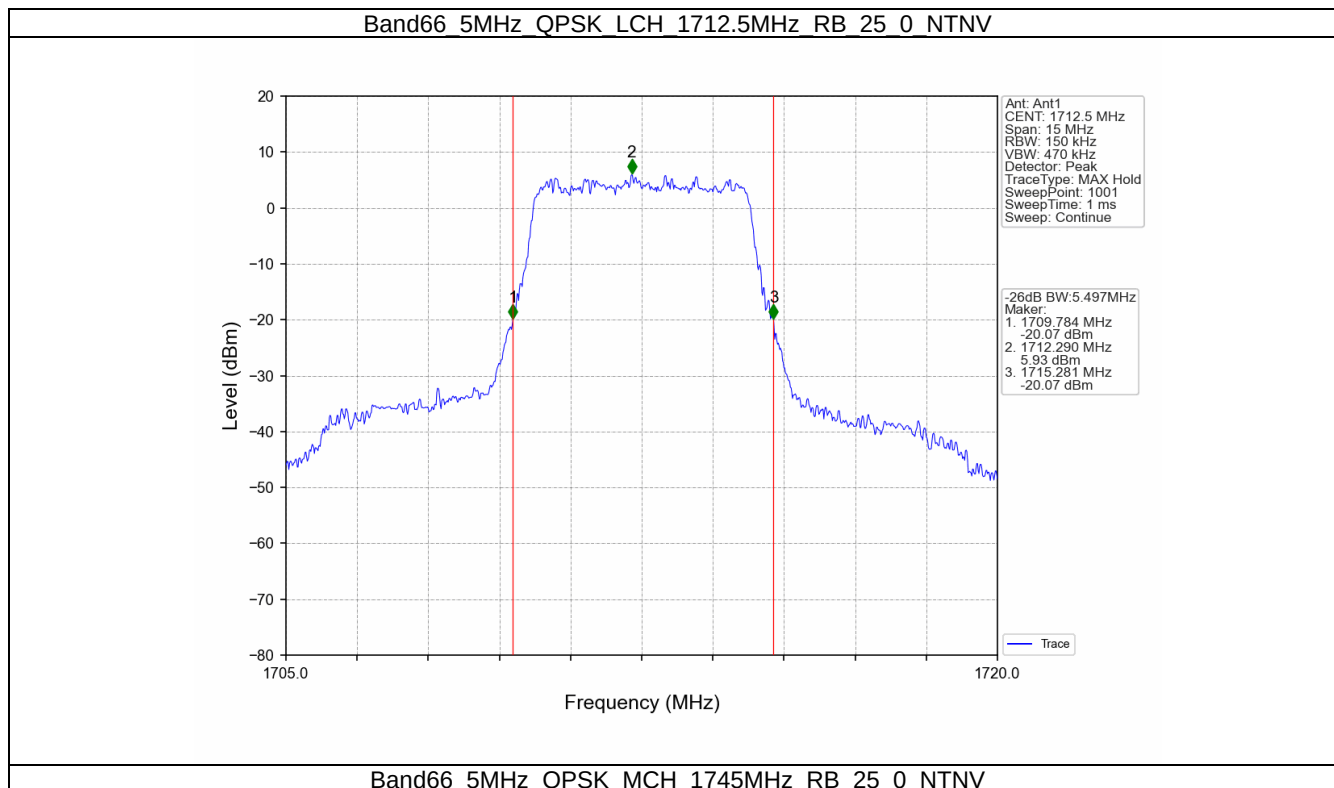


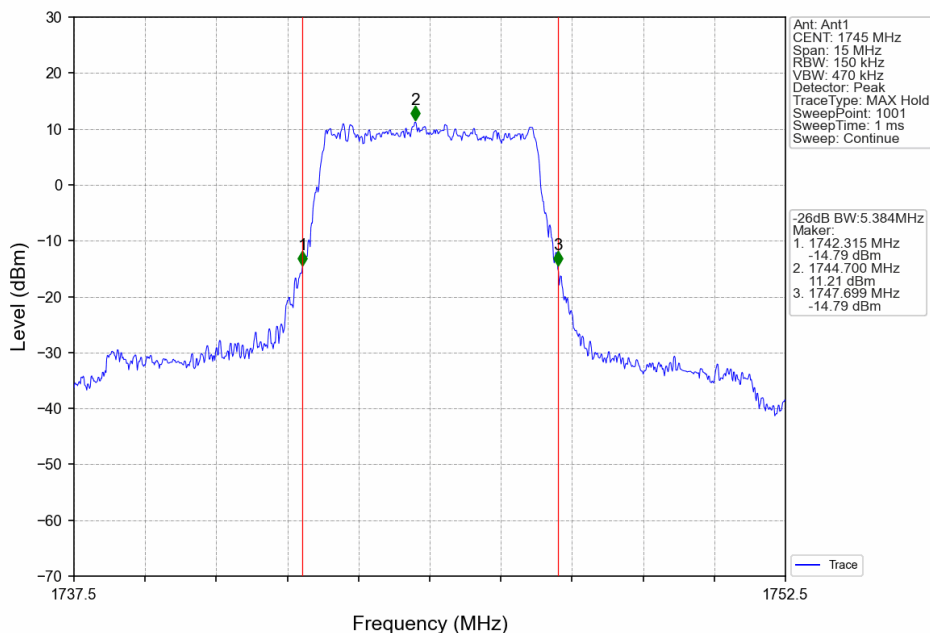


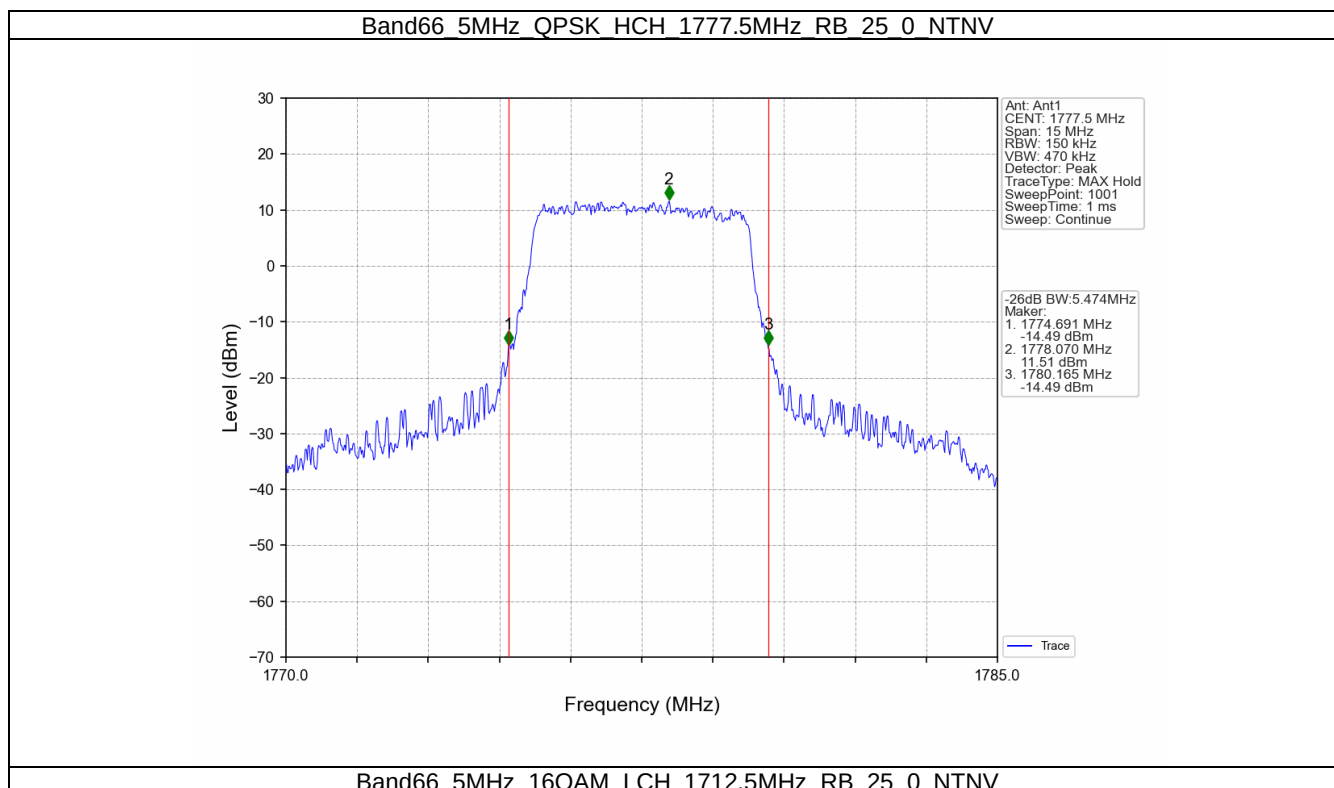


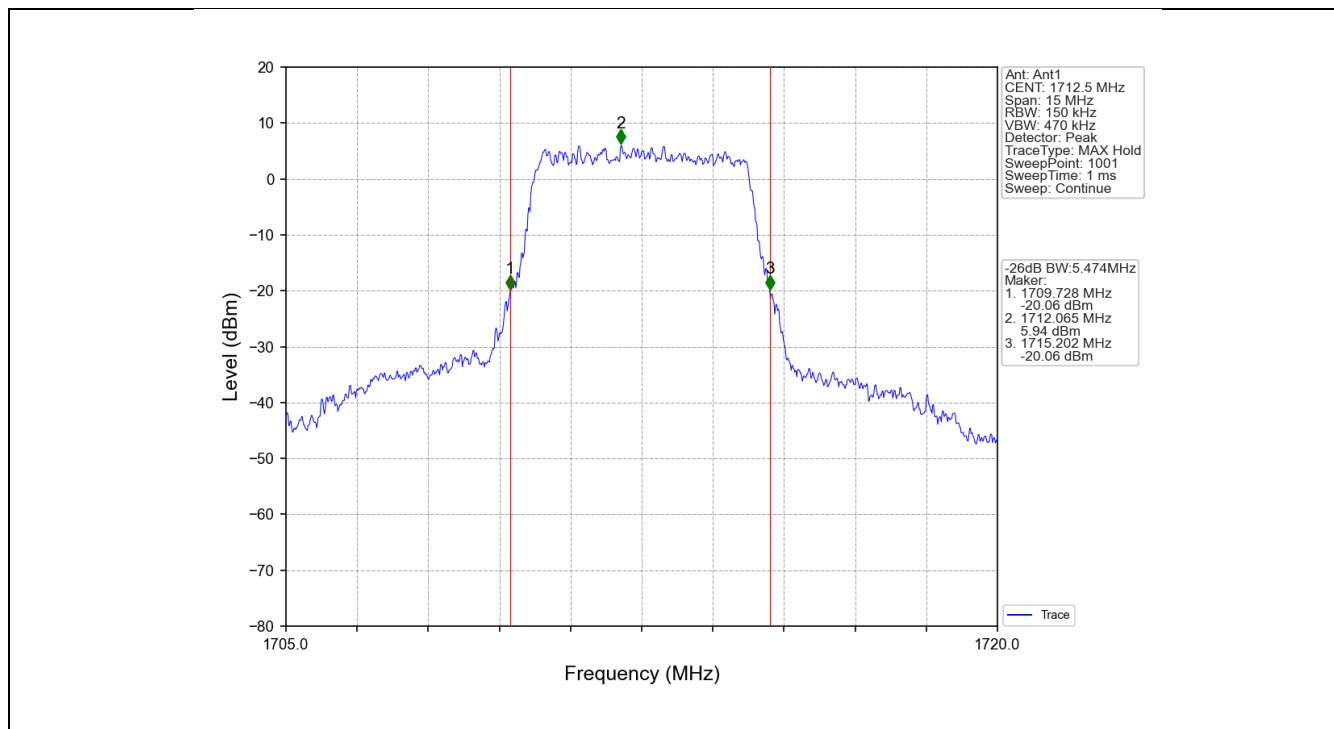












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