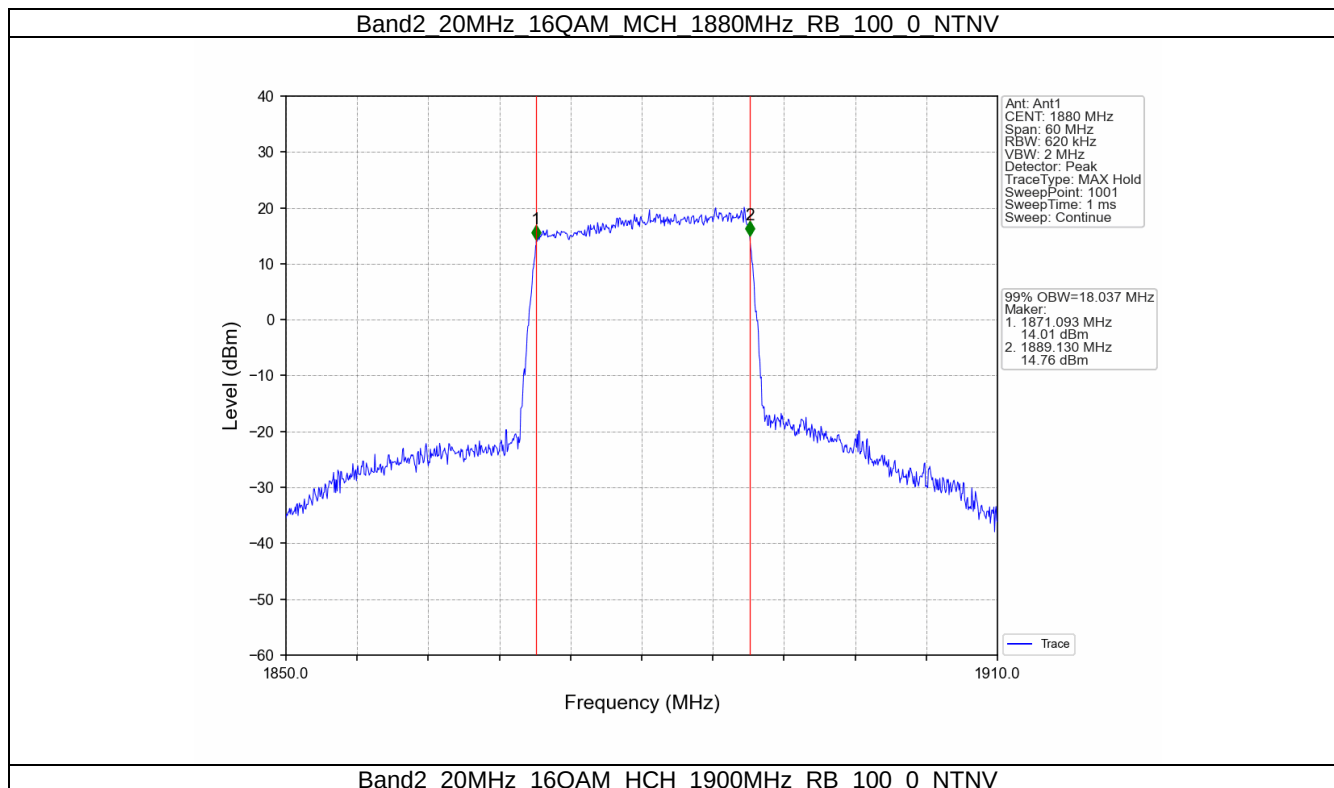
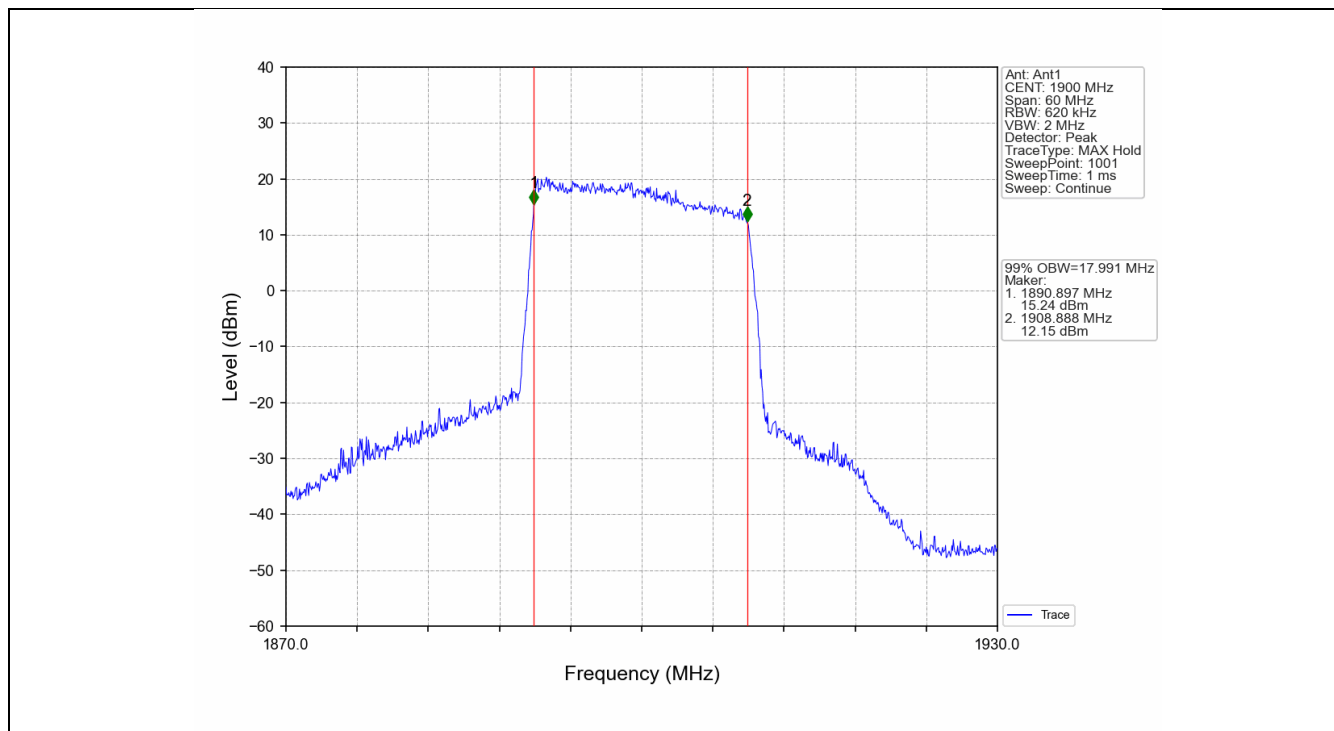






3.2 Band2_XDB

3.2.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.599	Pass
		1880	6	0	1.554	Pass
		1909.3	6	0	1.539	Pass
	16QAM	1850.7	6	0	1.559	Pass
		1880	6	0	1.532	Pass
		1909.3	6	0	1.541	Pass
3	QPSK	1851.5	15	0	3.515	Pass
		1880	15	0	3.428	Pass
		1908.5	15	0	3.450	Pass
	16QAM	1851.5	15	0	3.624	Pass
		1880	15	0	3.472	Pass
		1908.5	15	0	3.517	Pass
5	QPSK	1852.5	25	0	5.488	Pass
		1880	25	0	5.393	Pass
		1907.5	25	0	5.367	Pass
	16QAM	1852.5	25	0	5.439	Pass
		1880	25	0	5.468	Pass
		1907.5	25	0	5.514	Pass
10	QPSK	1855	50	0	10.185	Pass
		1880	50	0	10.284	Pass
		1905	50	0	10.179	Pass
	16QAM	1855	50	0	10.058	Pass
		1880	50	0	10.117	Pass
		1905	50	0	10.153	Pass
15	QPSK	1857.5	75	0	15.077	Pass
		1880	75	0	14.881	Pass
		1902.5	75	0	15.062	Pass
	16QAM	1857.5	75	0	15.000	Pass
		1880	75	0	14.931	Pass
		1902.5	75	0	14.886	Pass
20	QPSK	1860	100	0	19.537	Pass
		1880	100	0	19.610	Pass
		1900	100	0	19.477	Pass
	16QAM	1860	100	0	19.611	Pass
		1880	100	0	19.629	Pass
		1900	100	0	19.646	Pass





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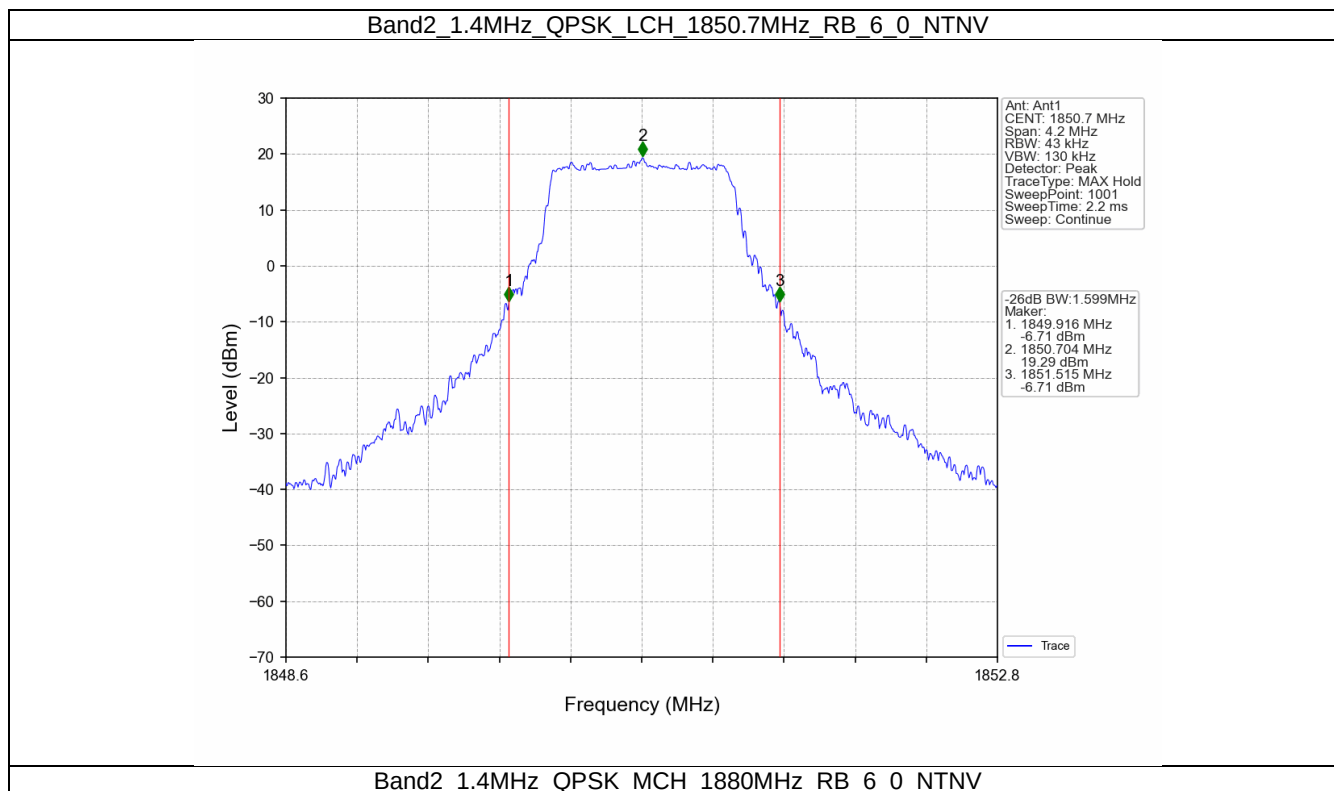
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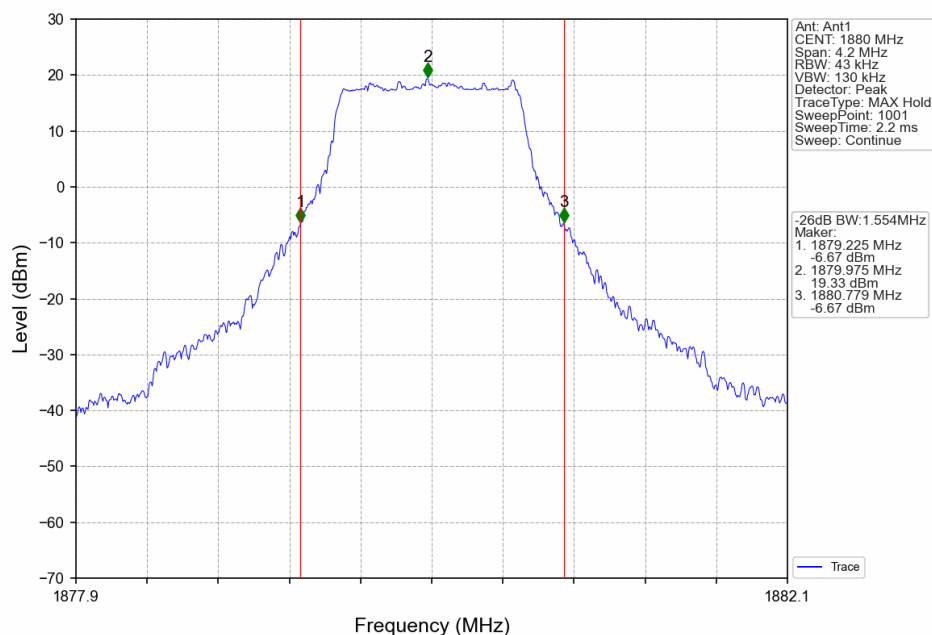
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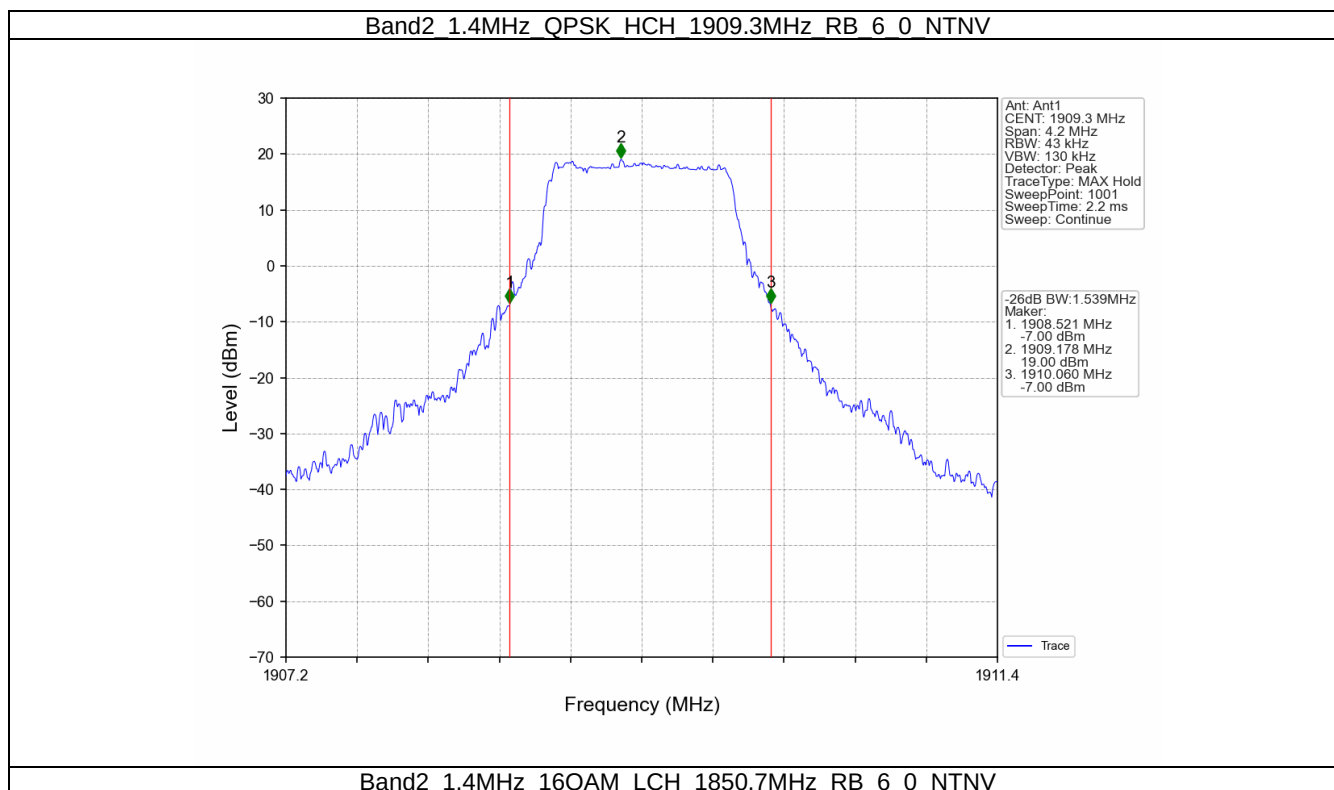
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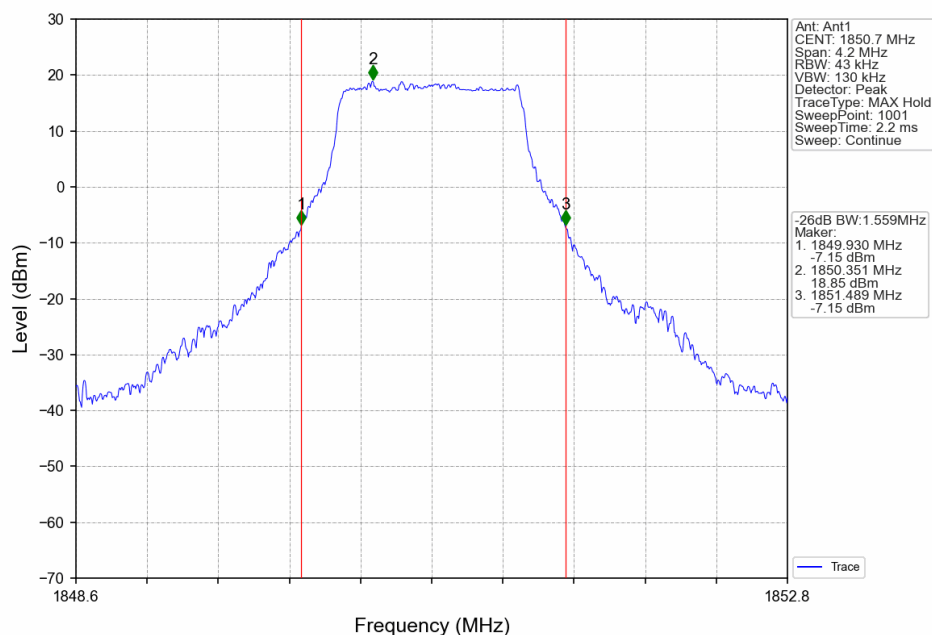
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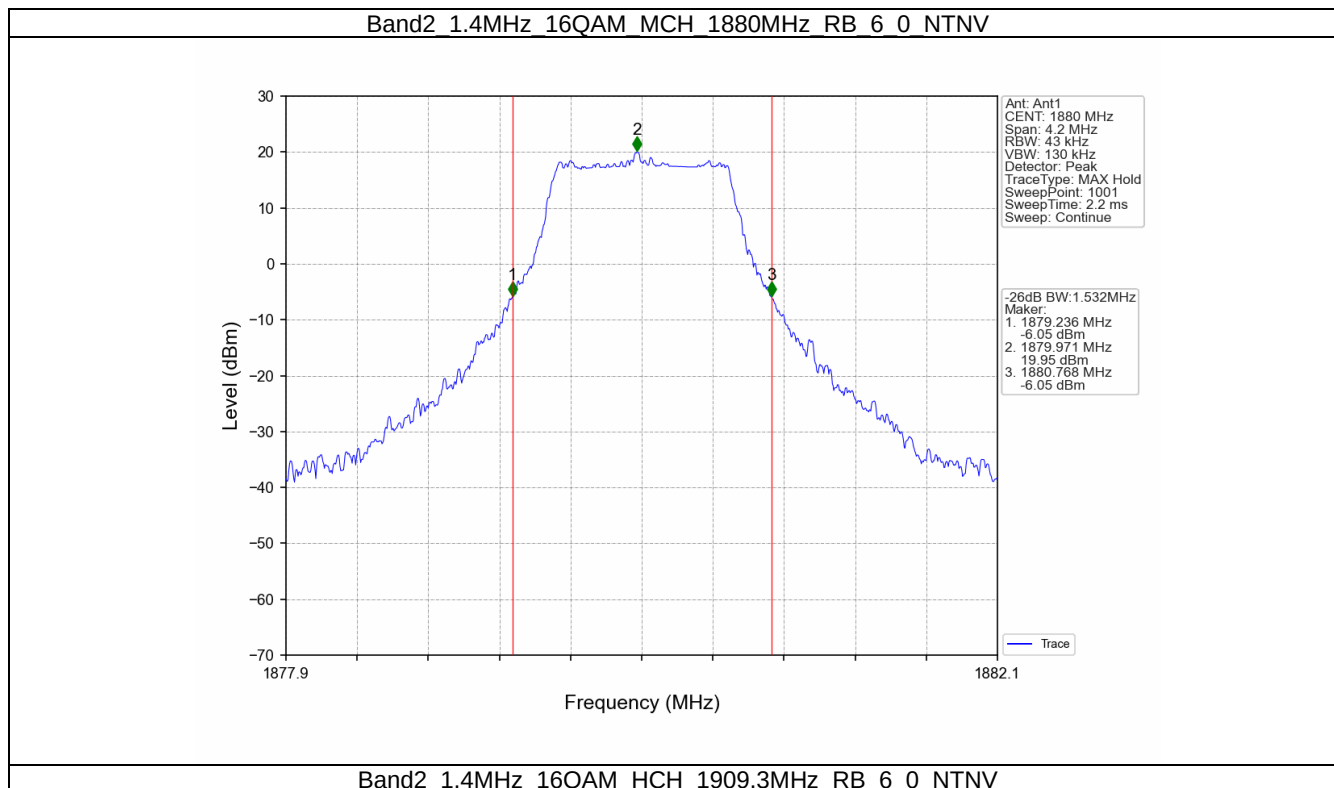
3.2.2 Test Graph

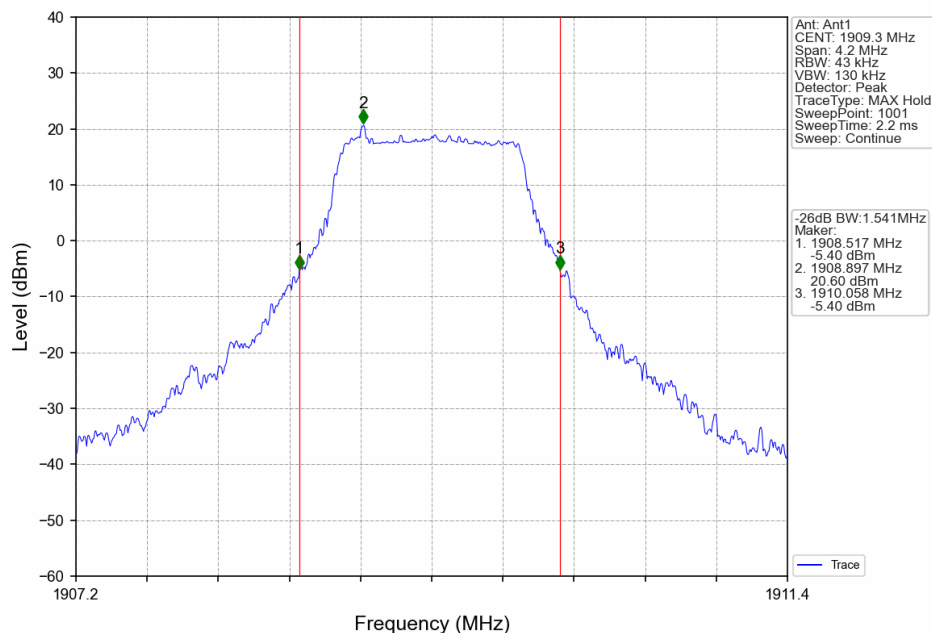


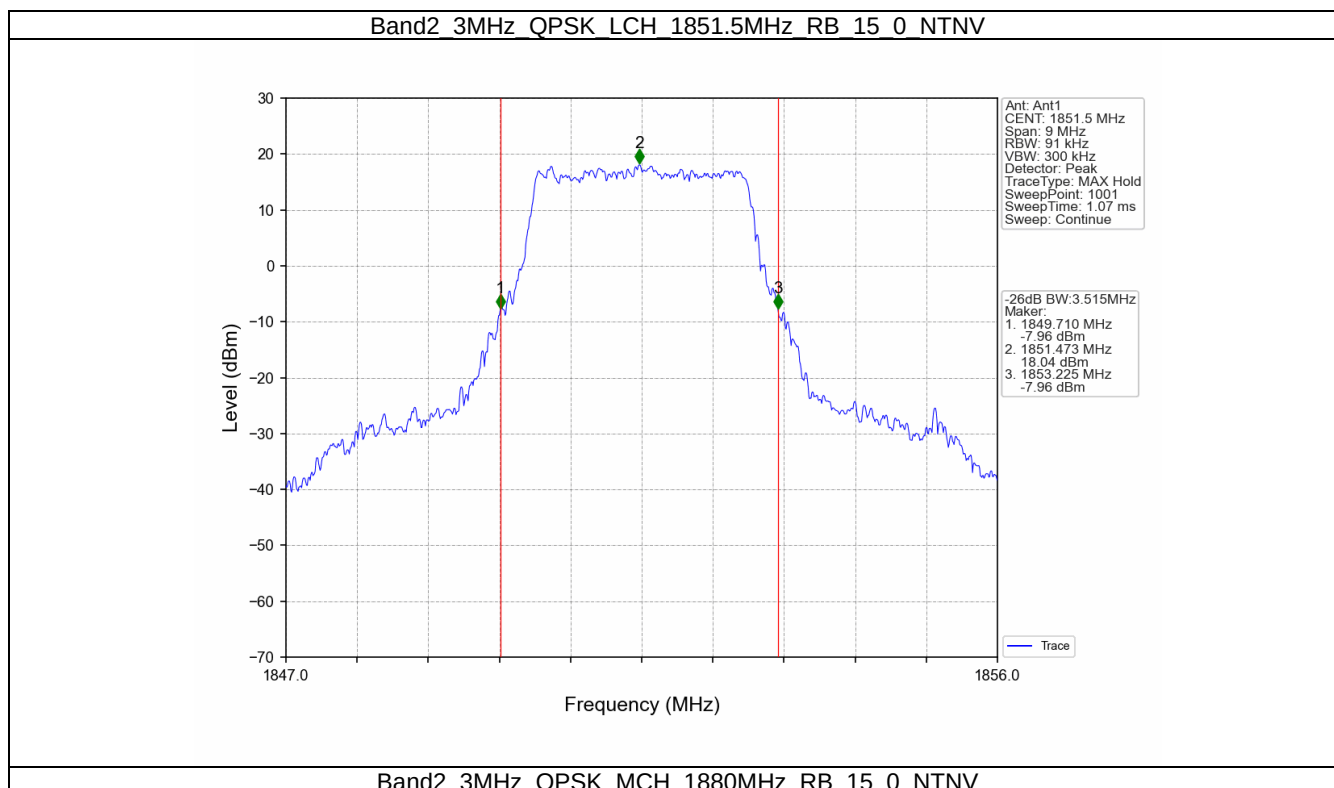


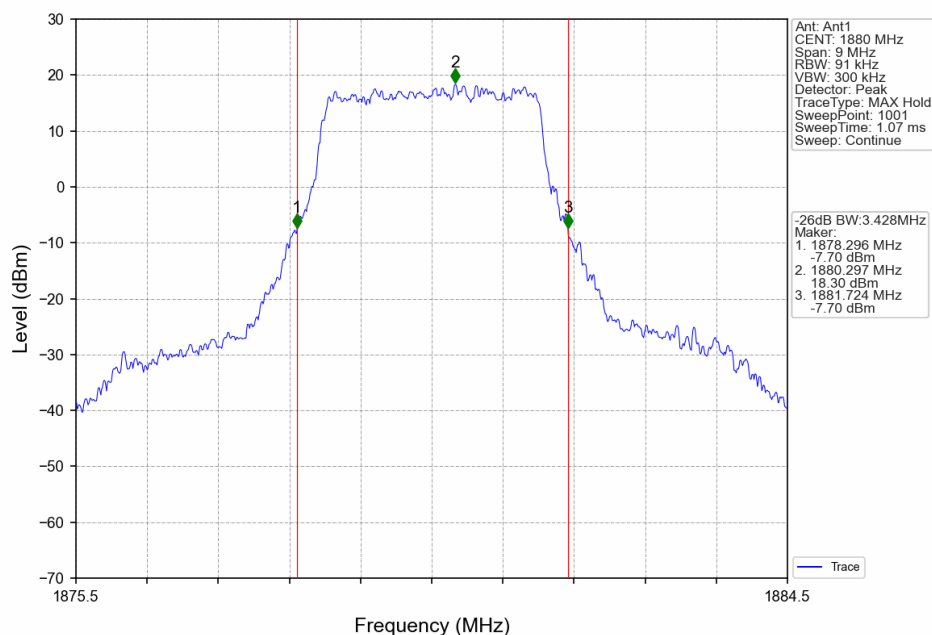


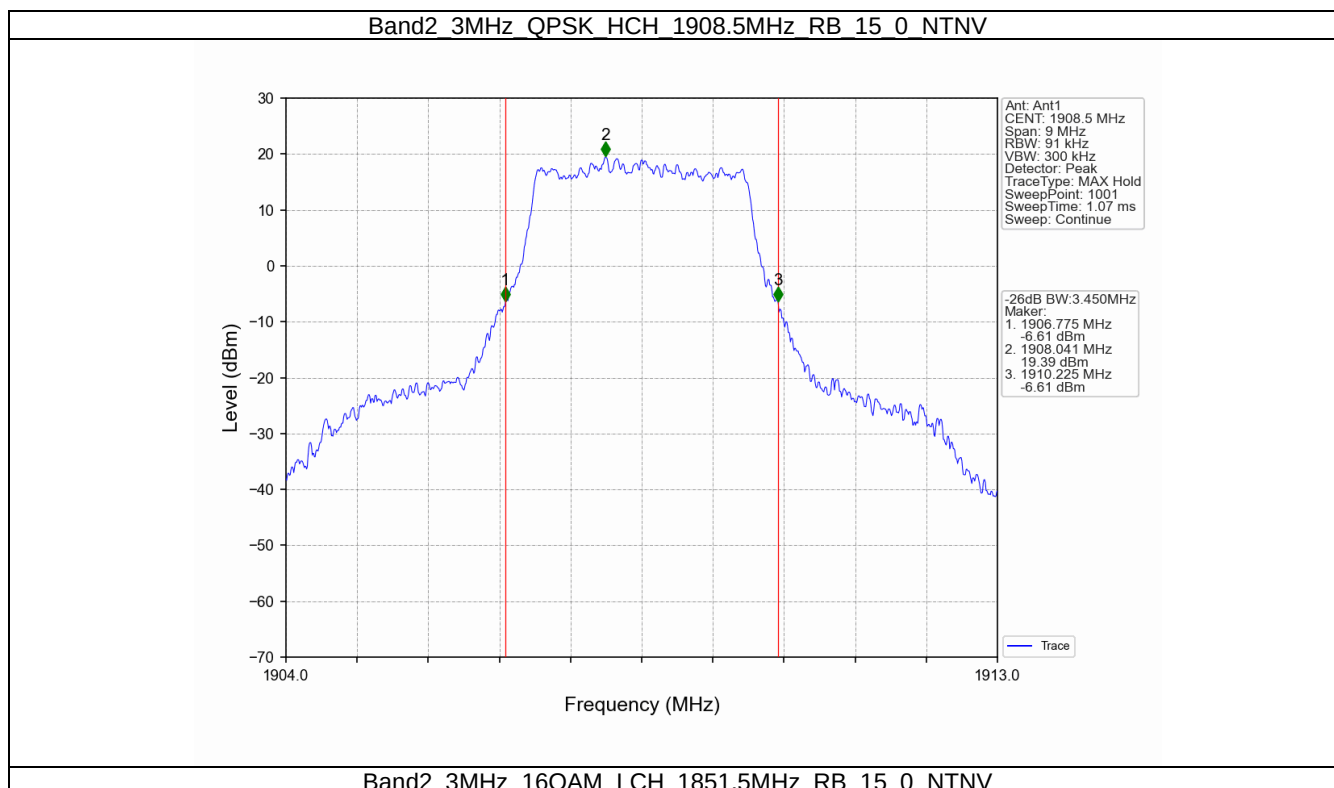






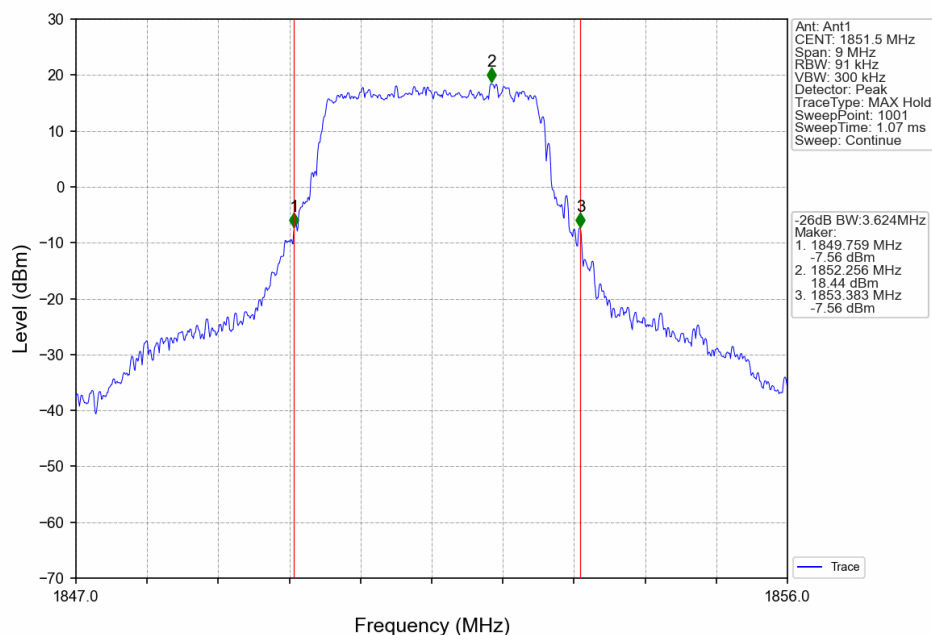


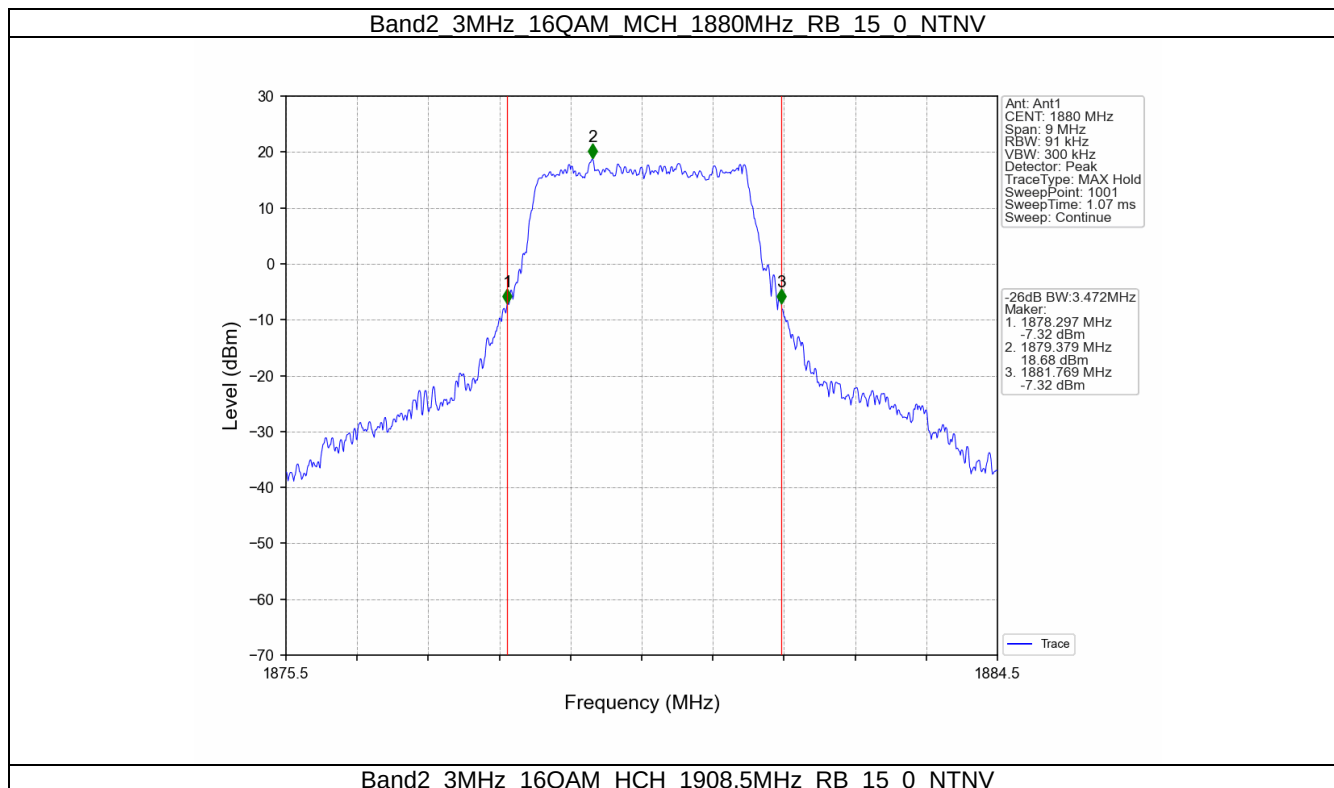


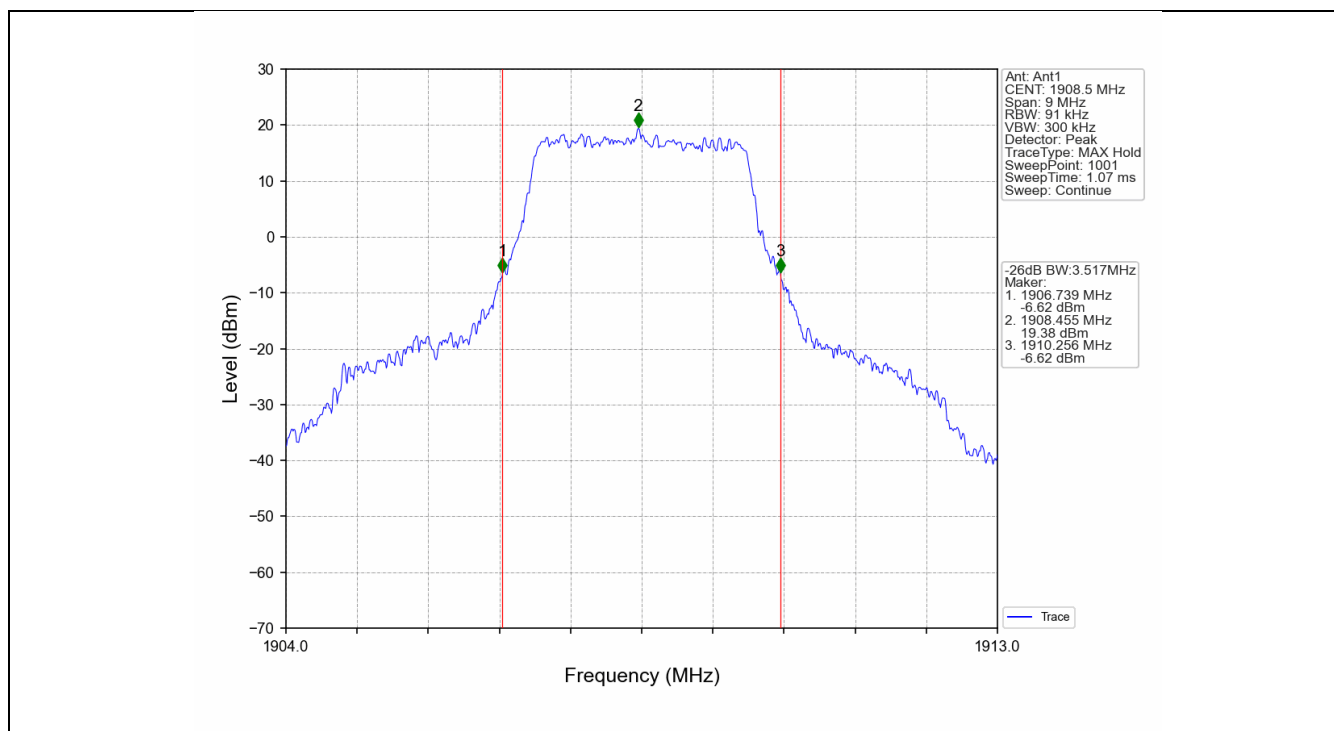


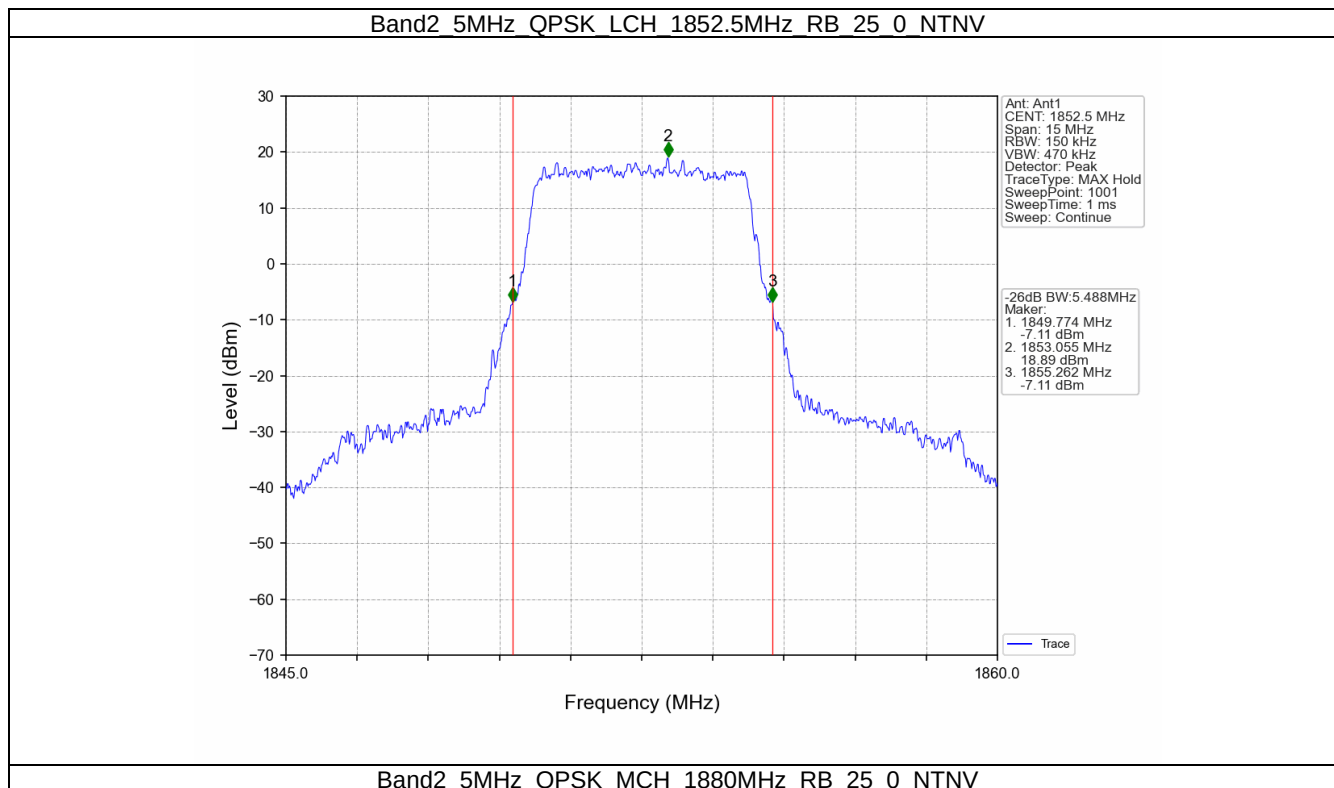
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV

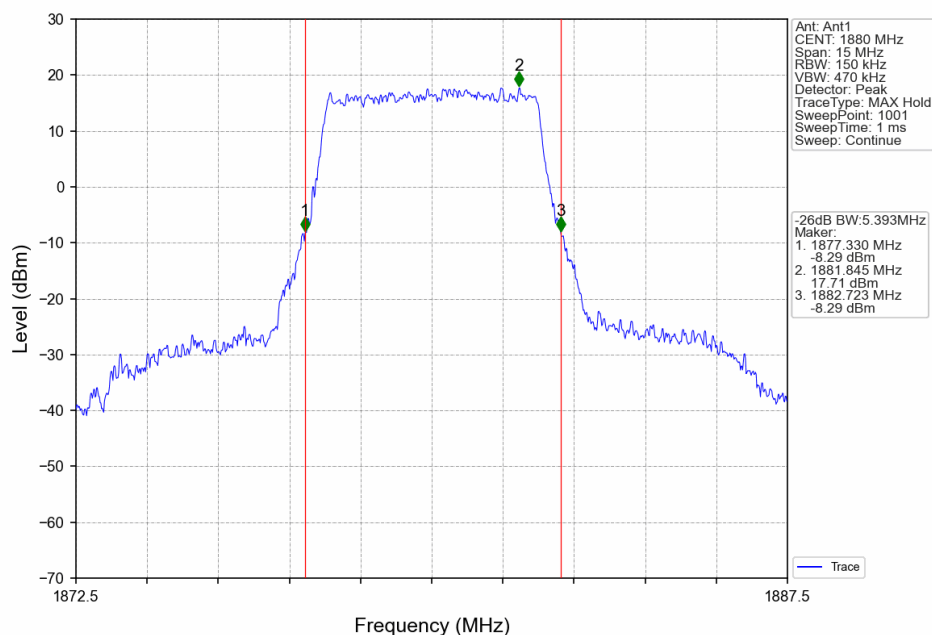


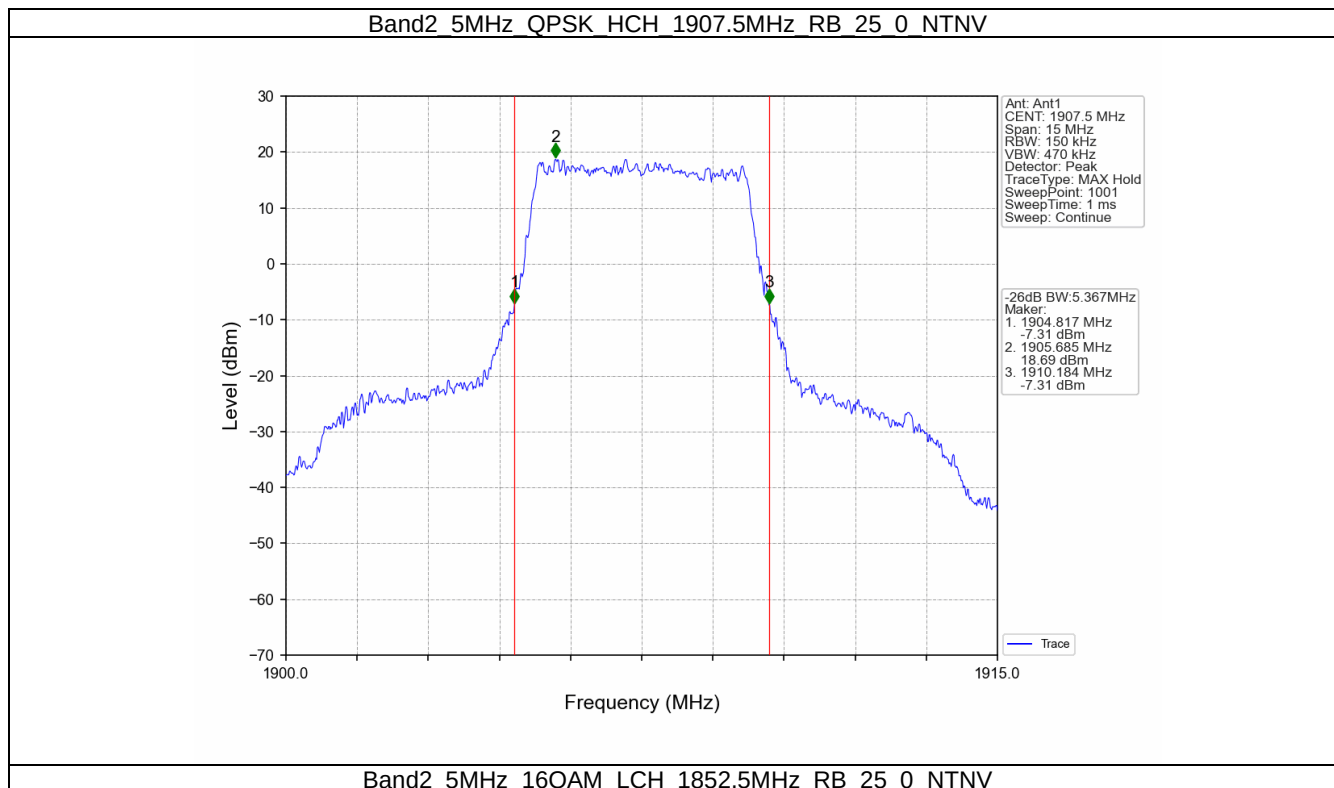


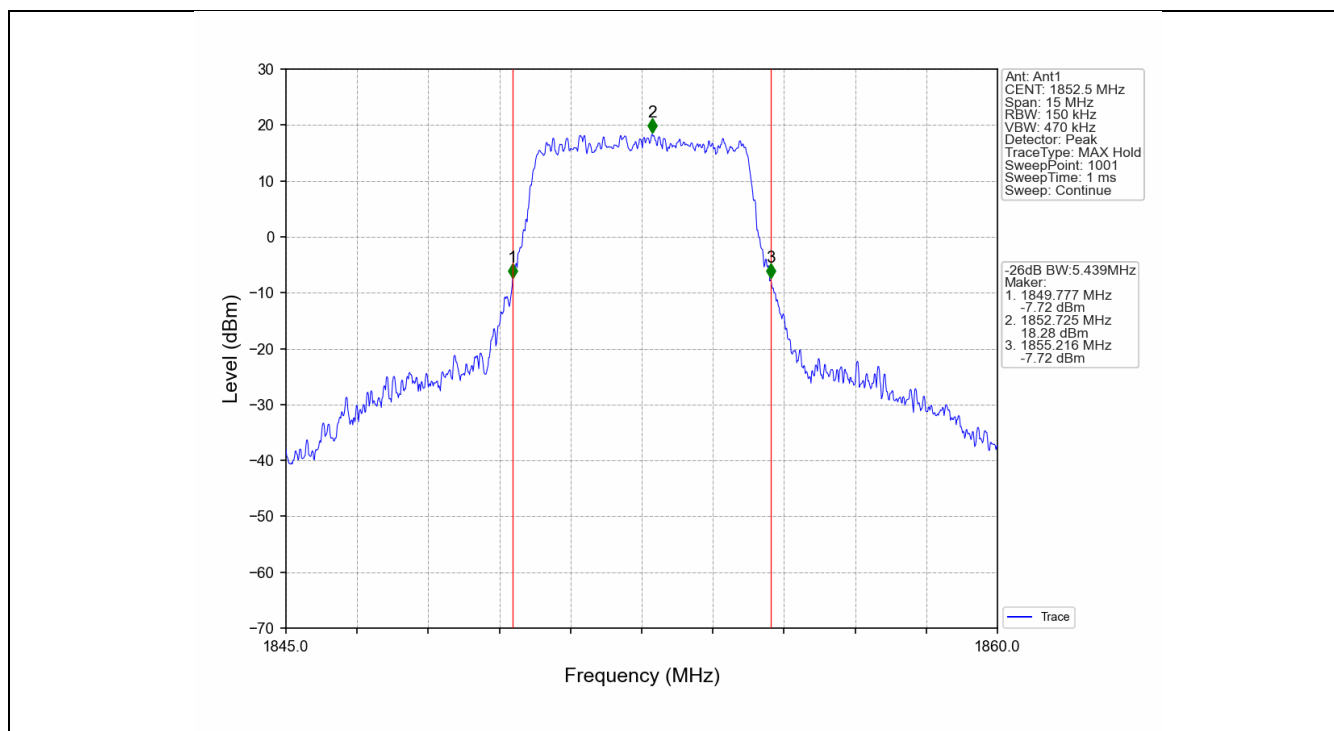


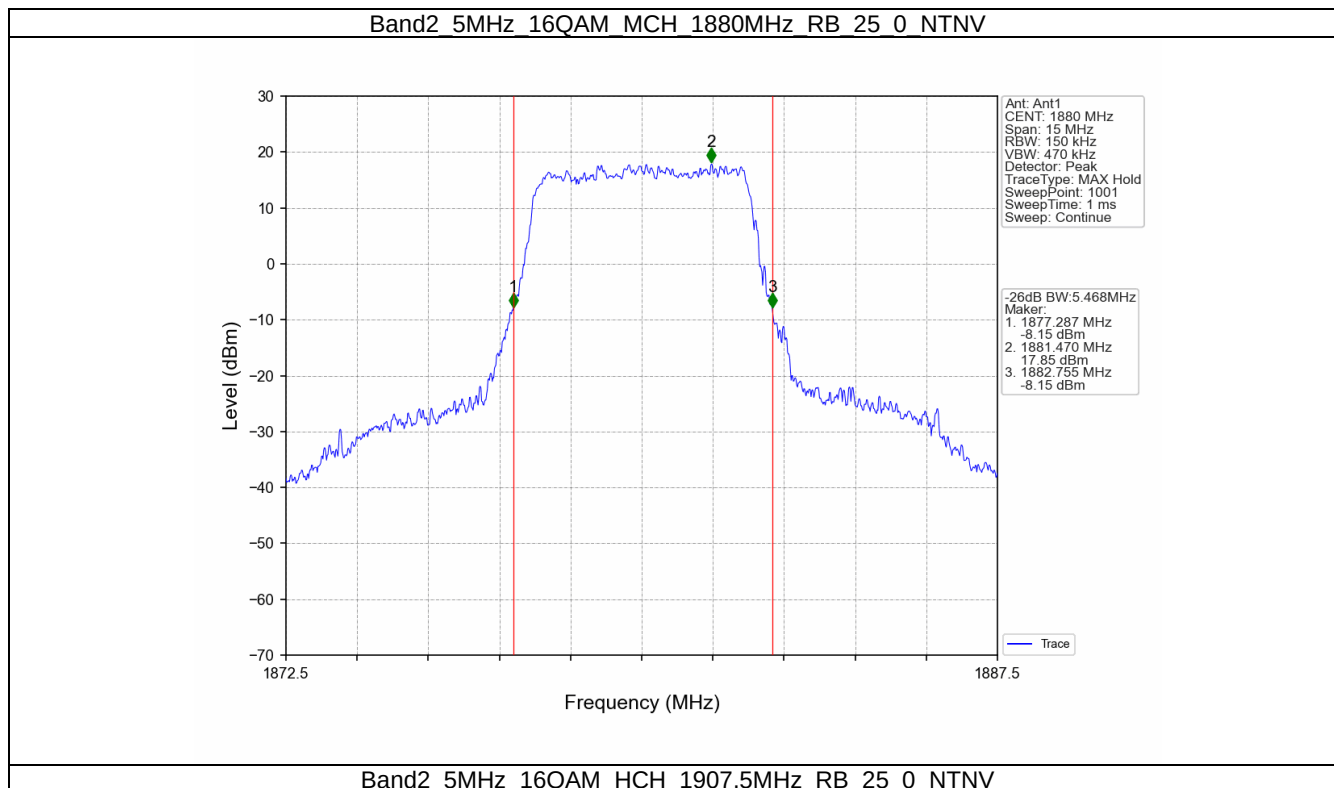


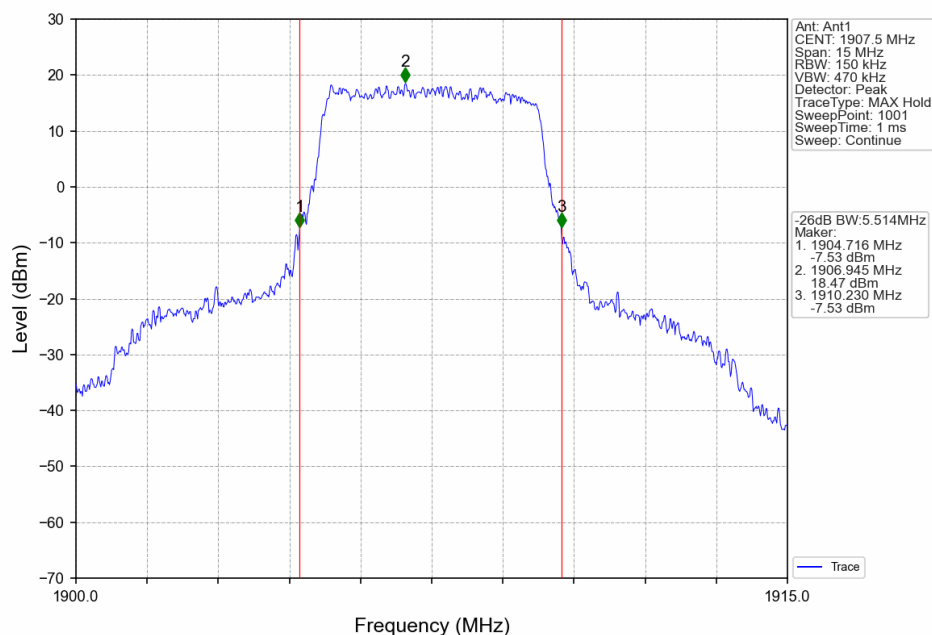


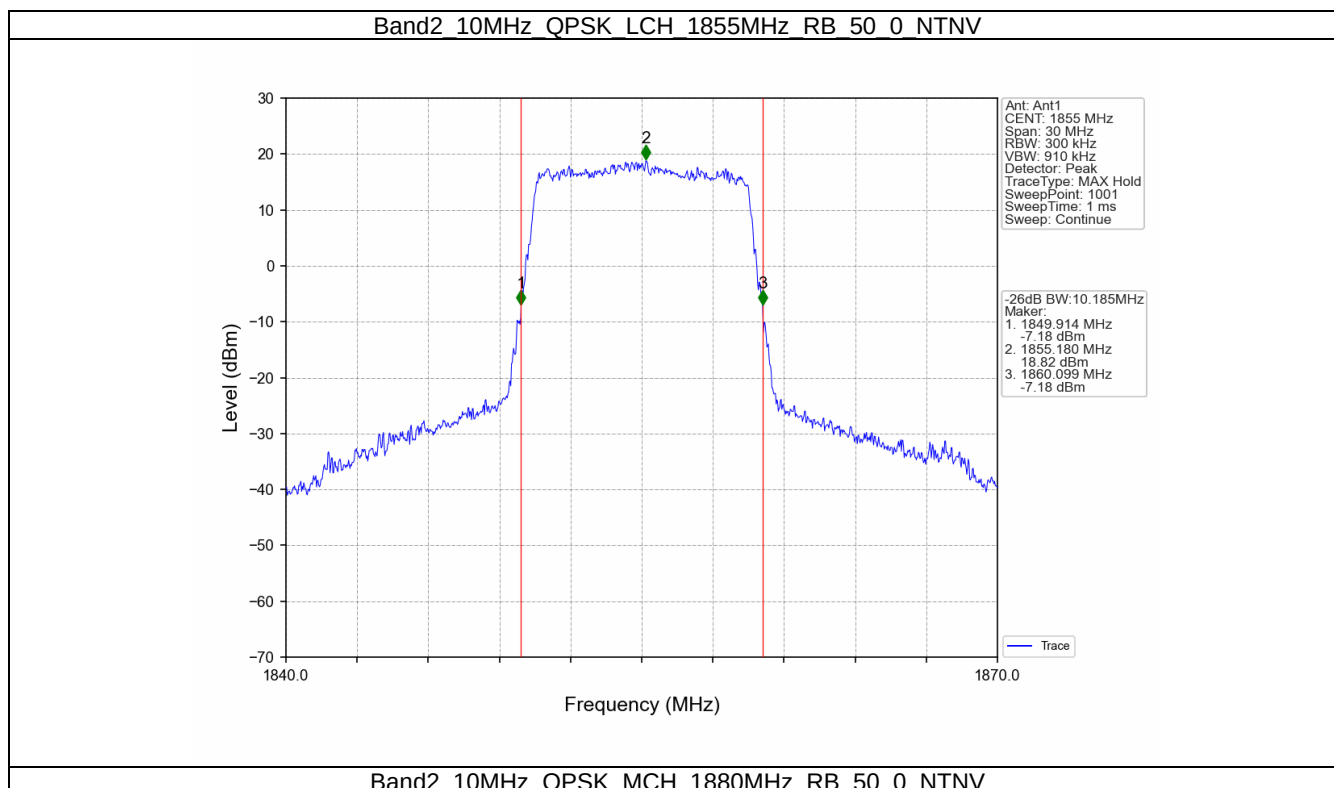


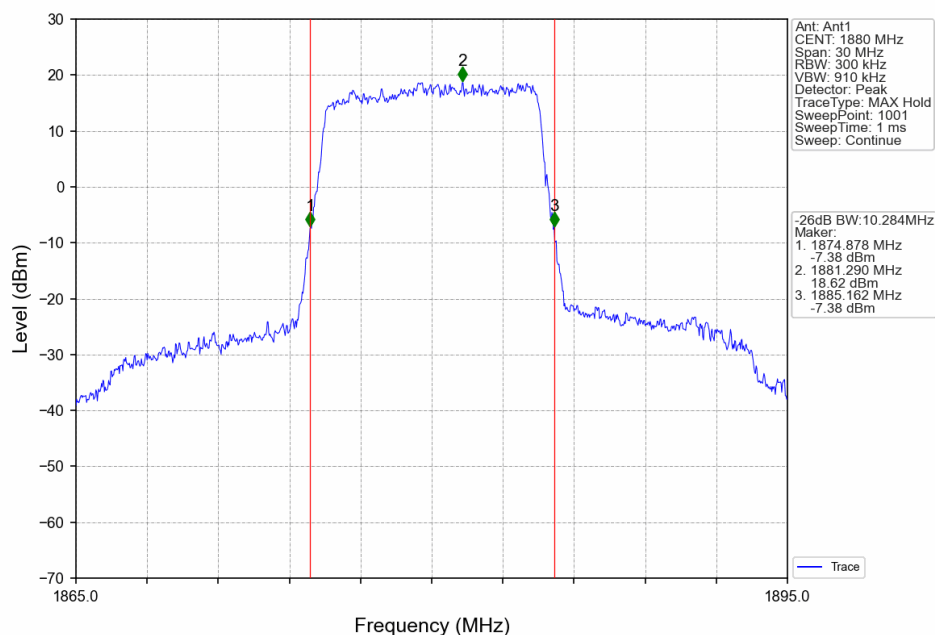


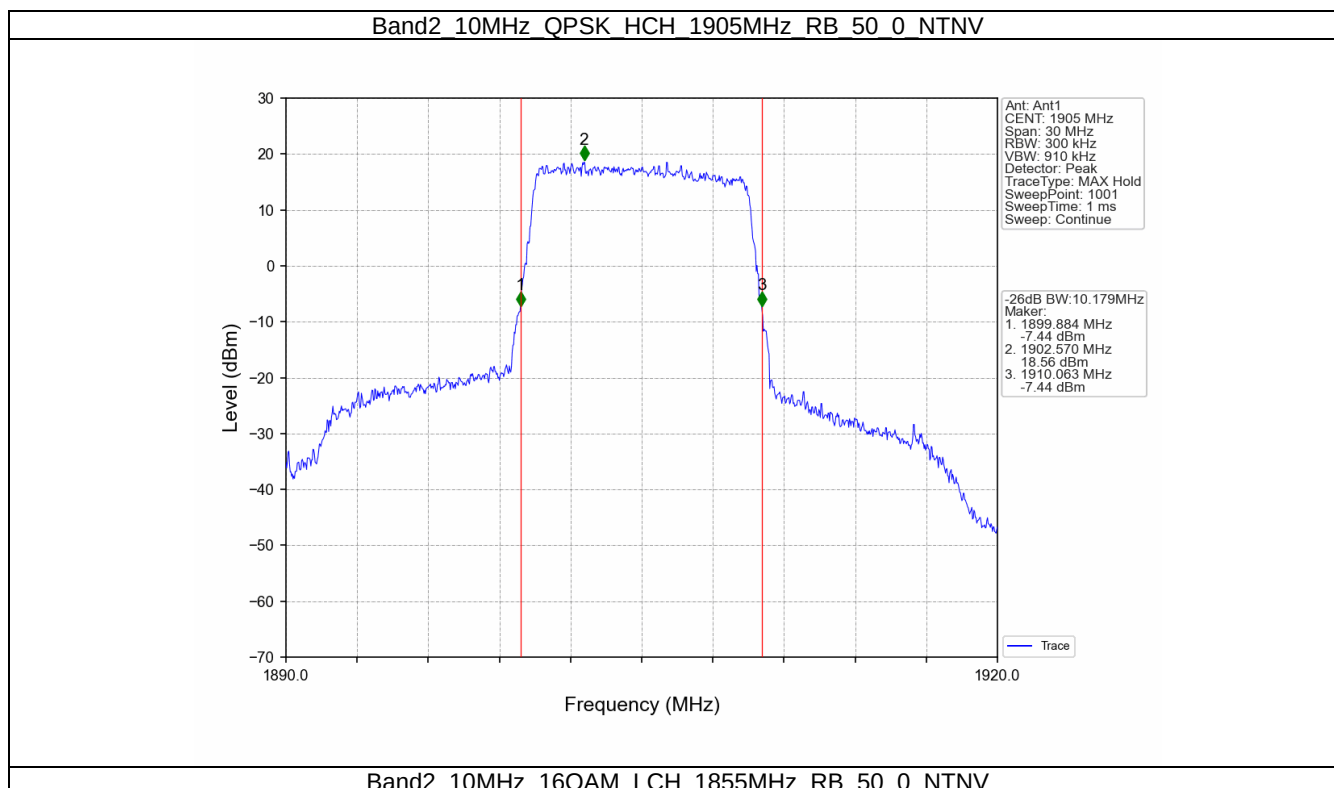


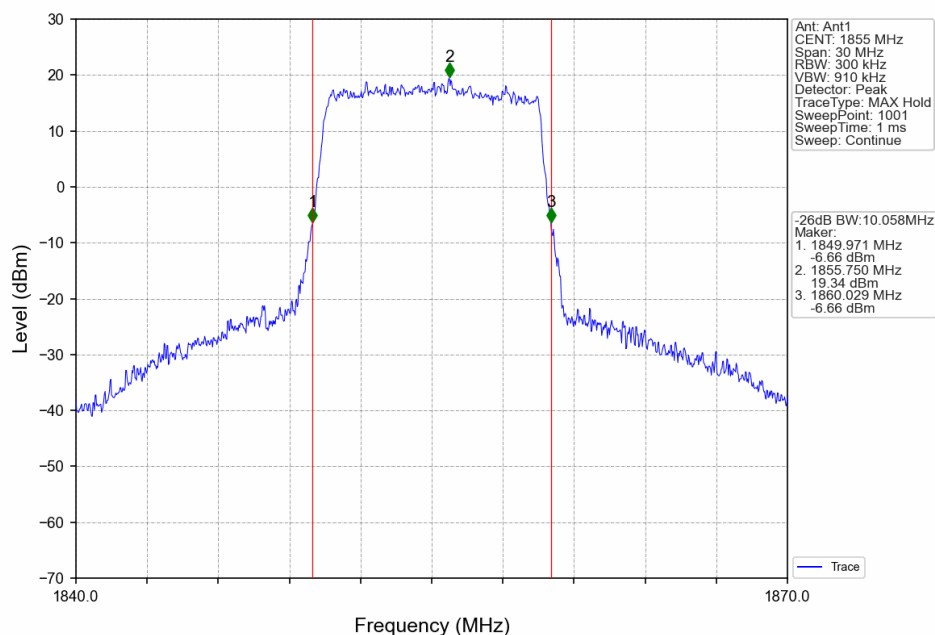


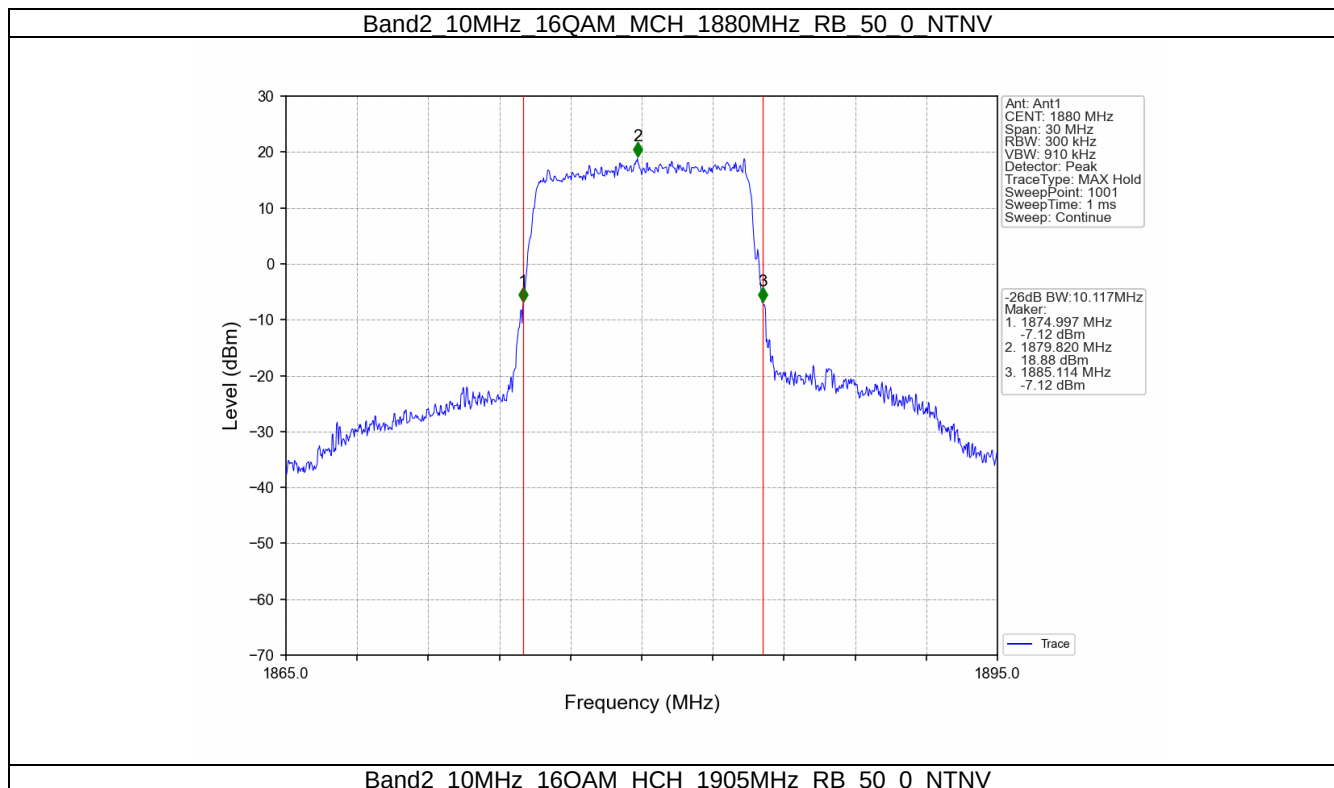












Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTNV

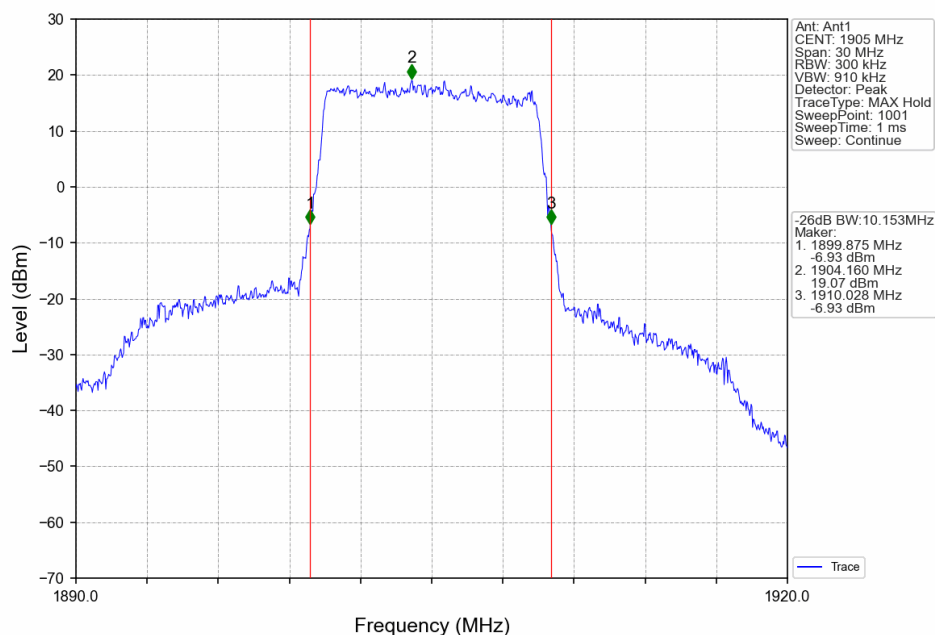


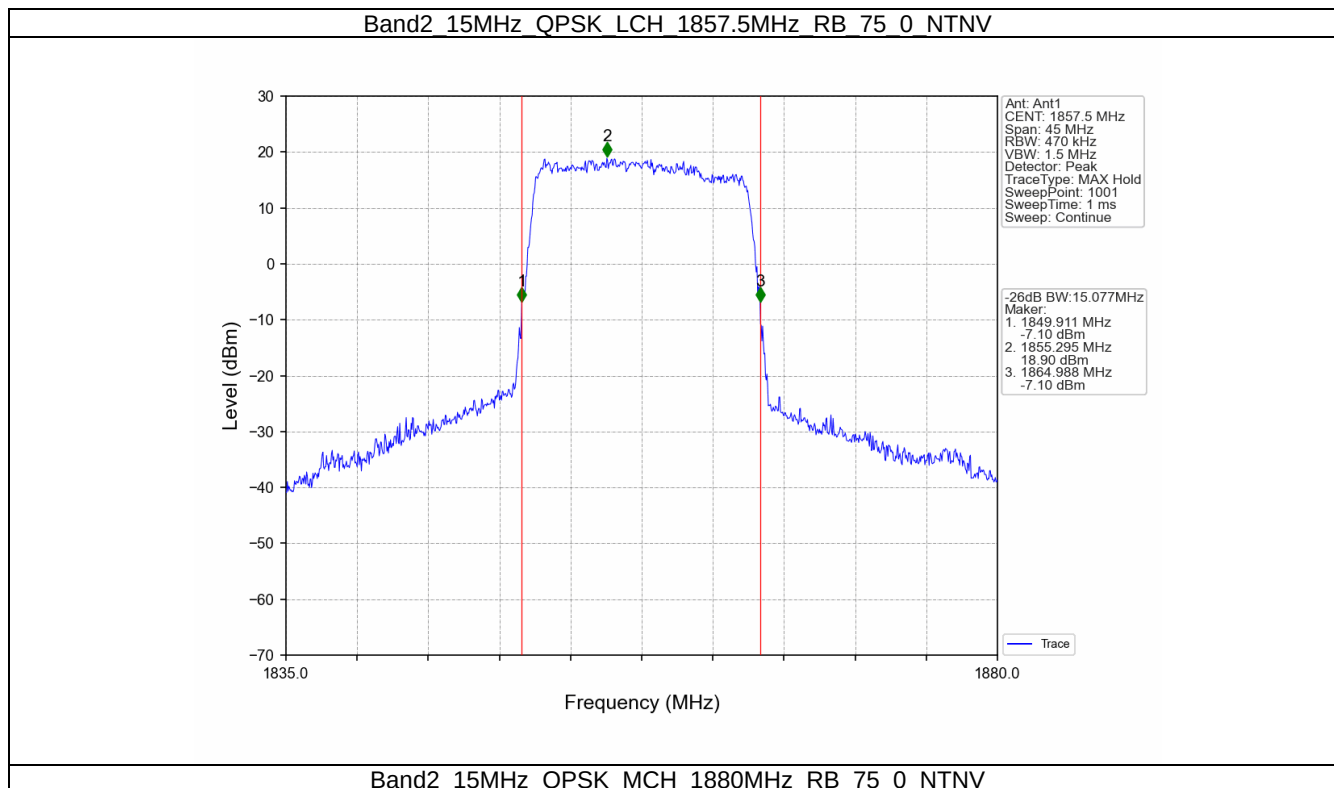
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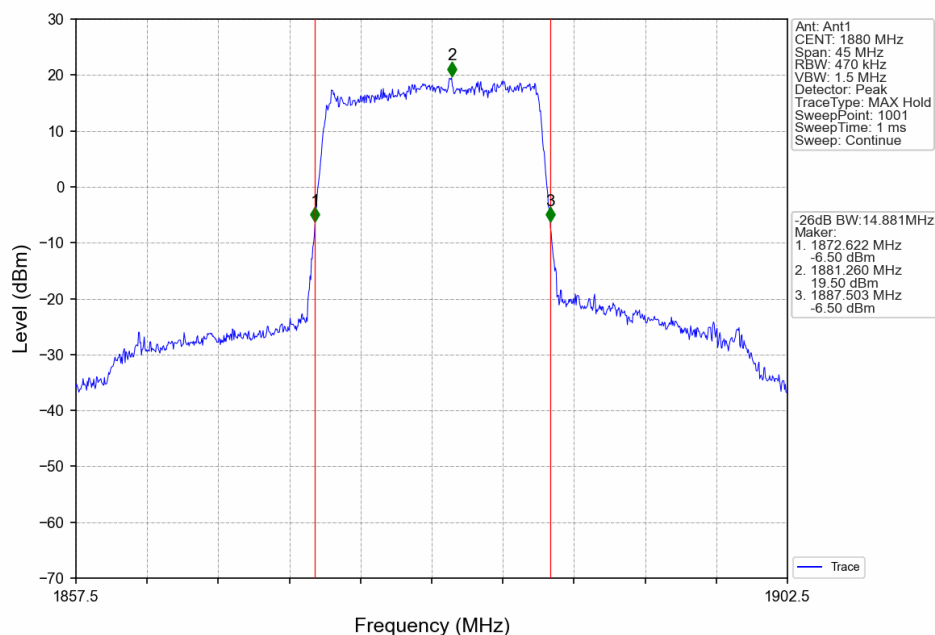
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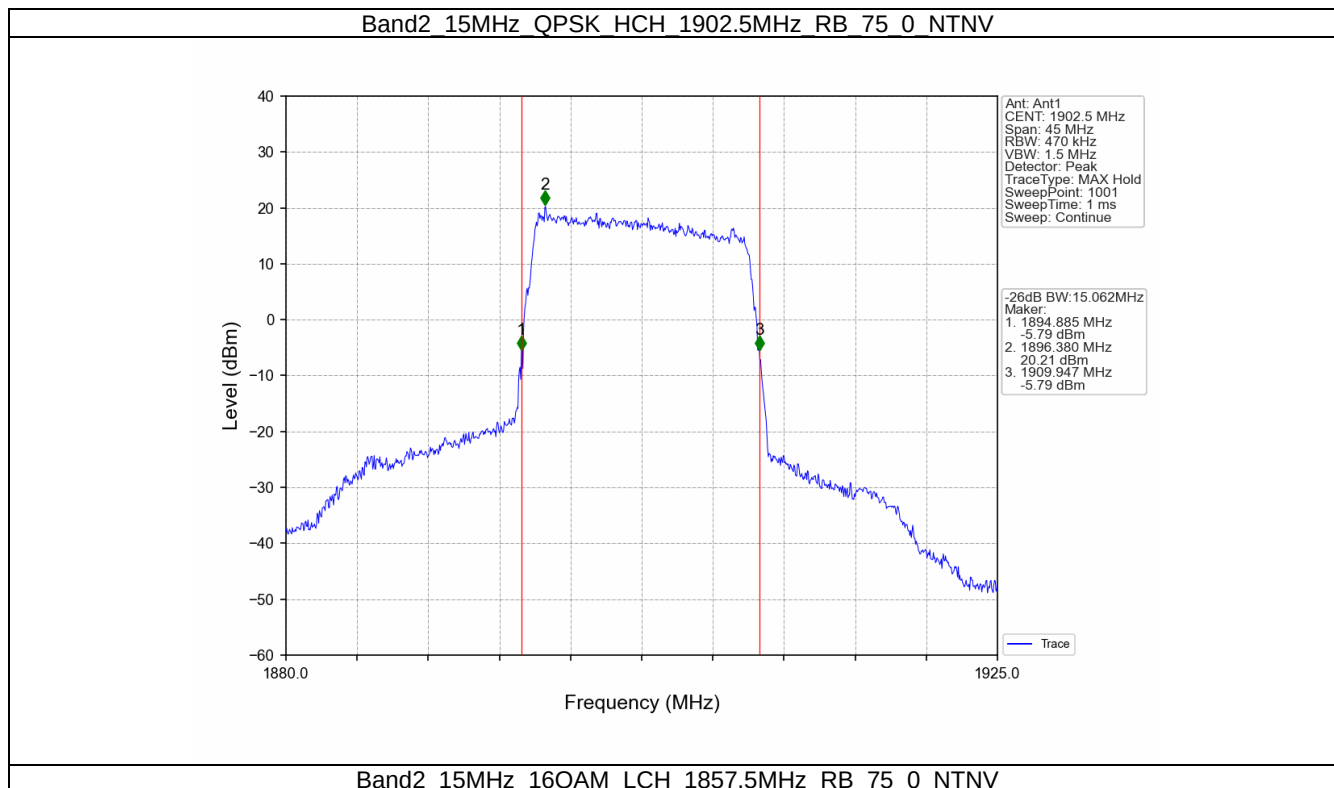
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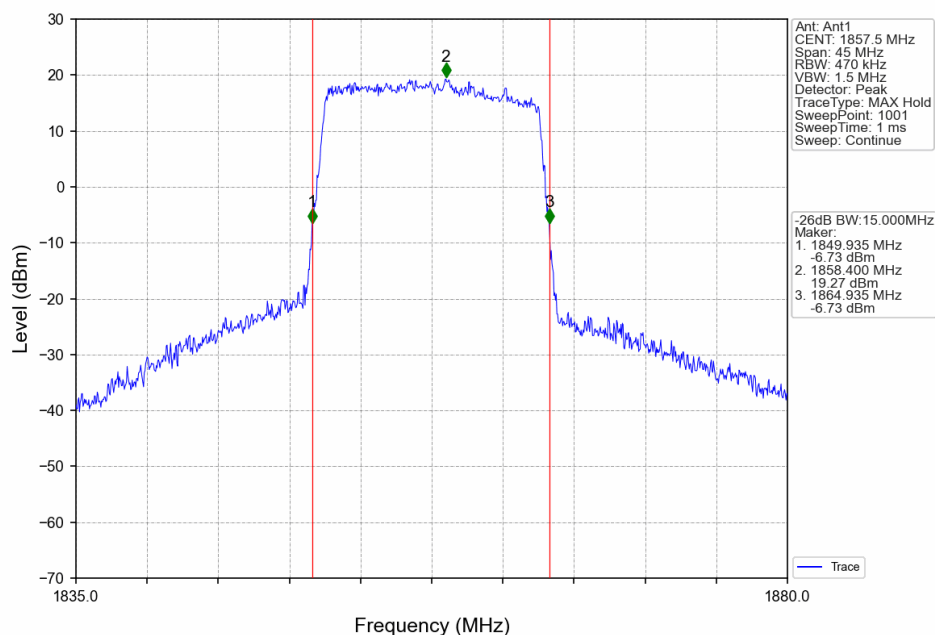
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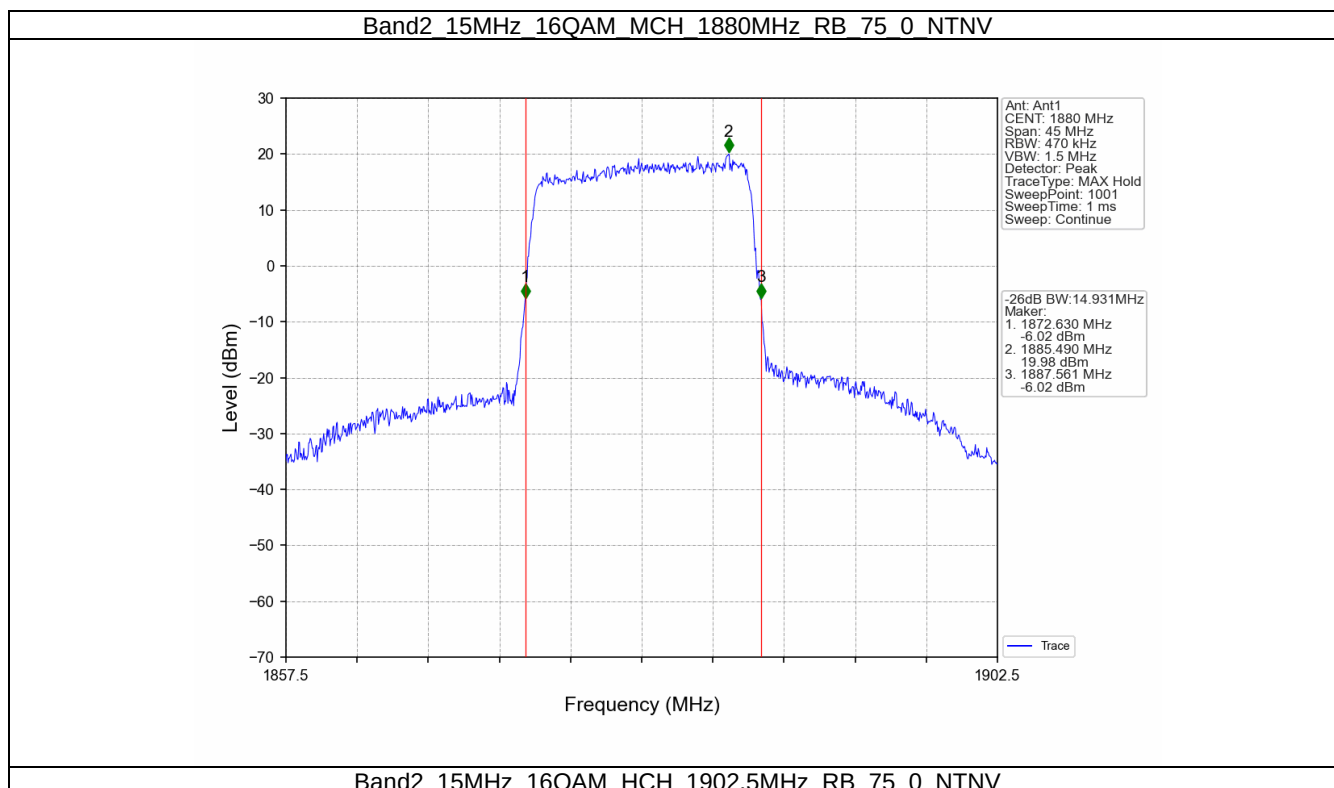












Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV

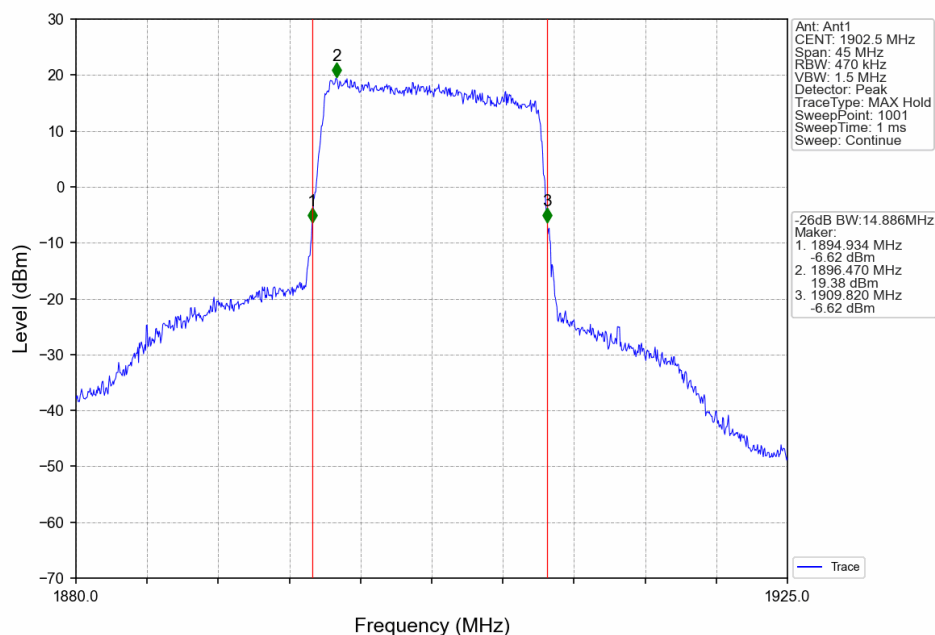


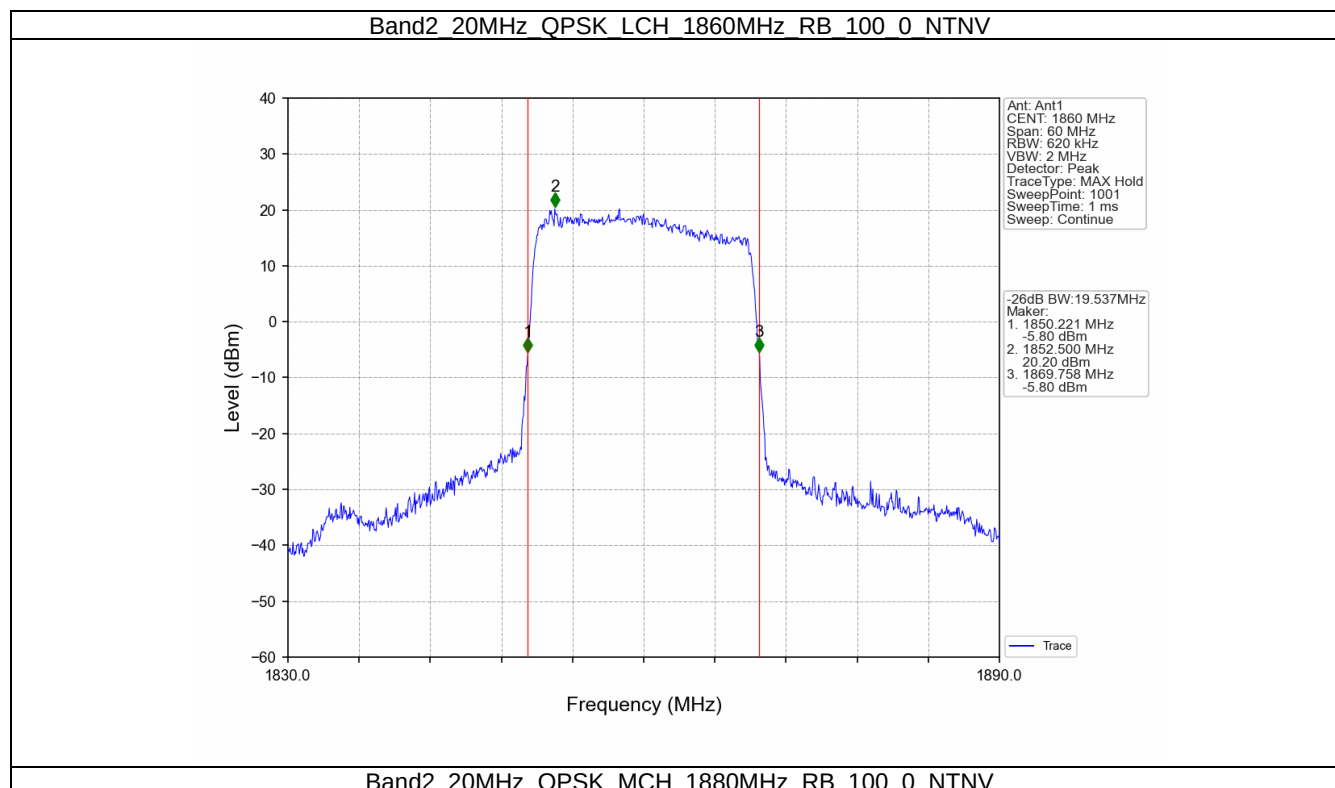
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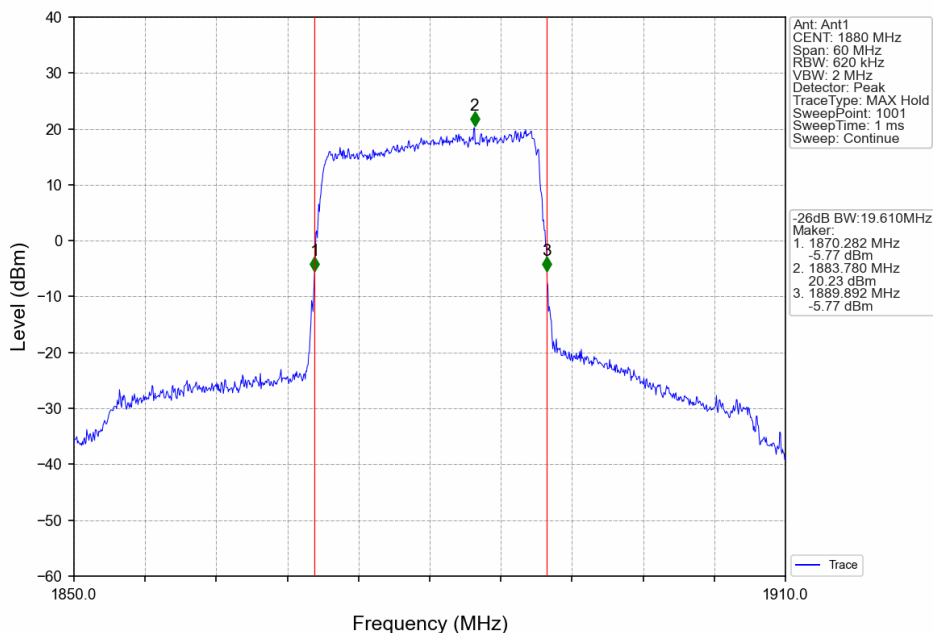
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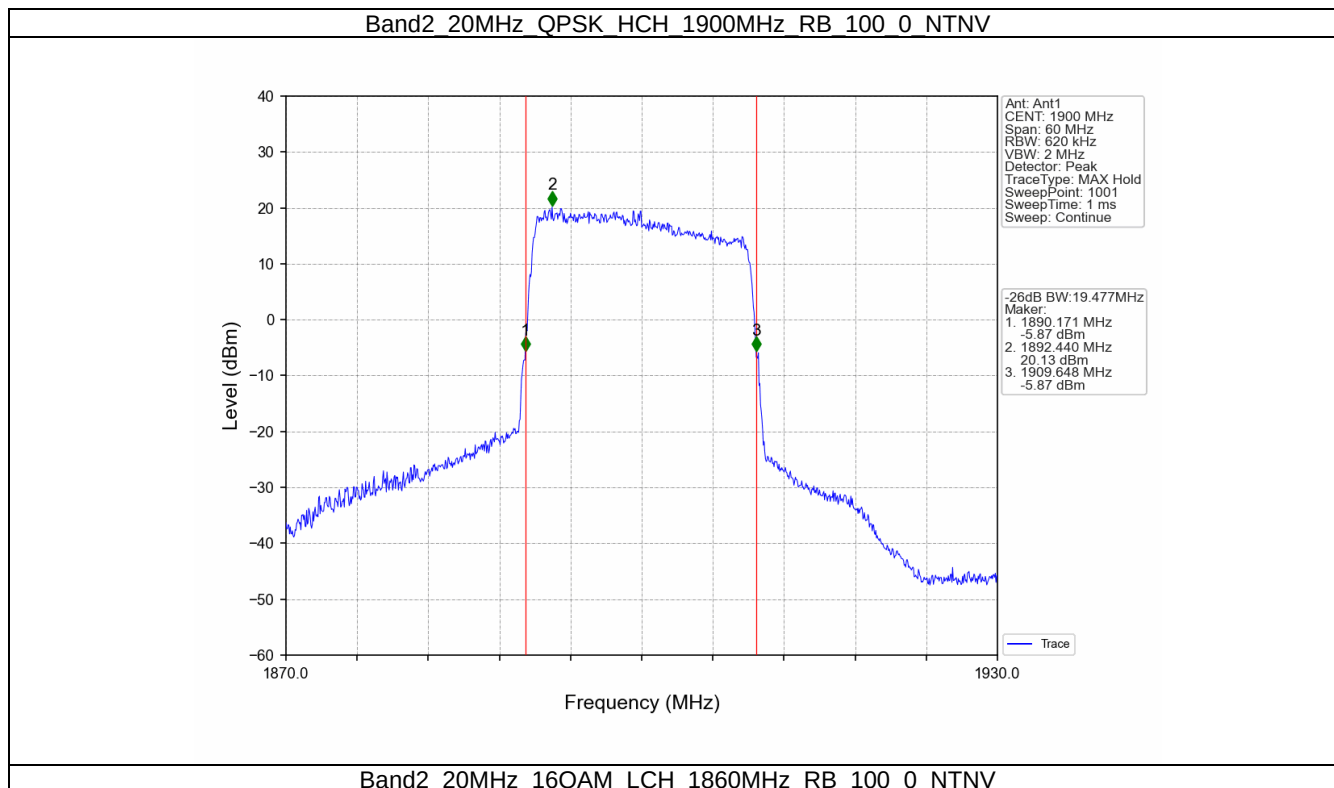
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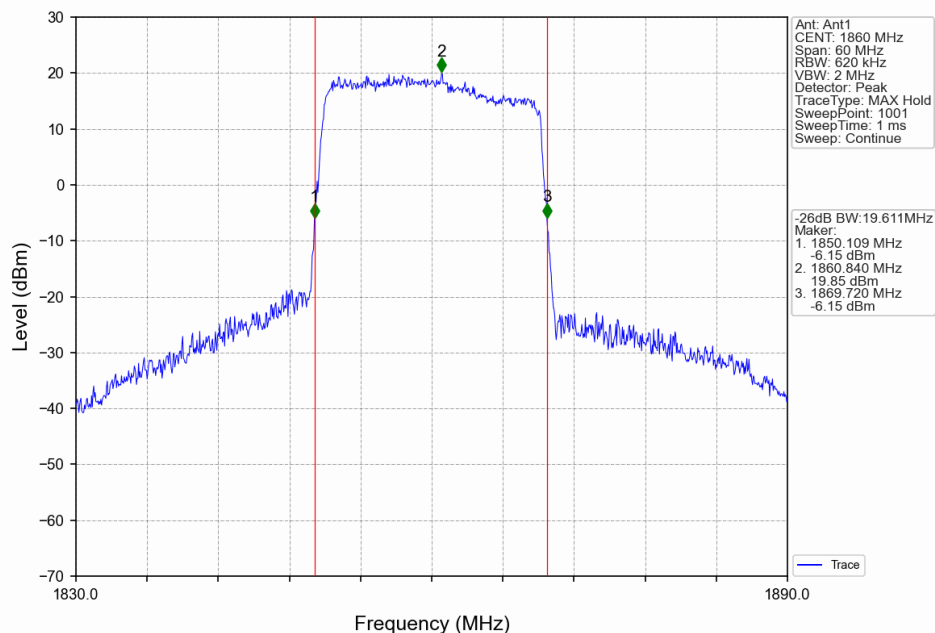
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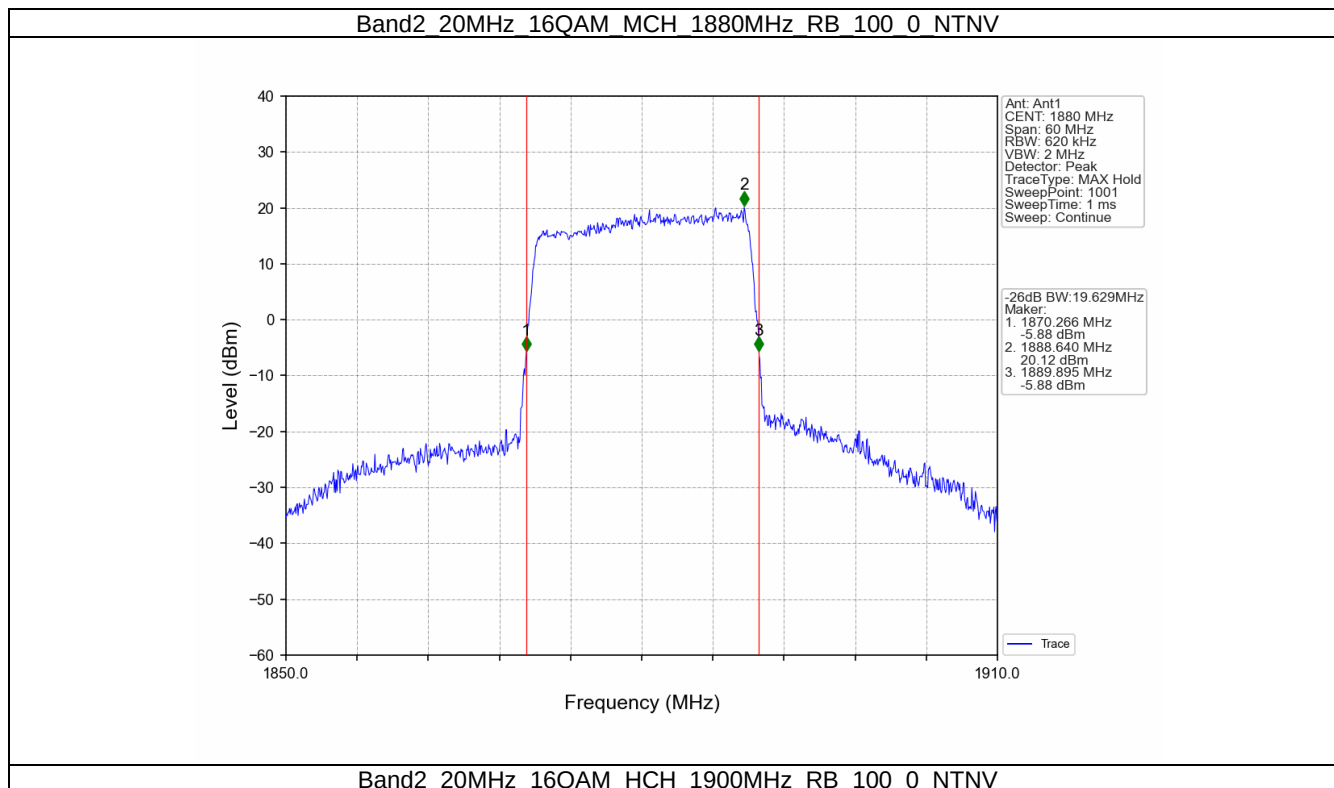


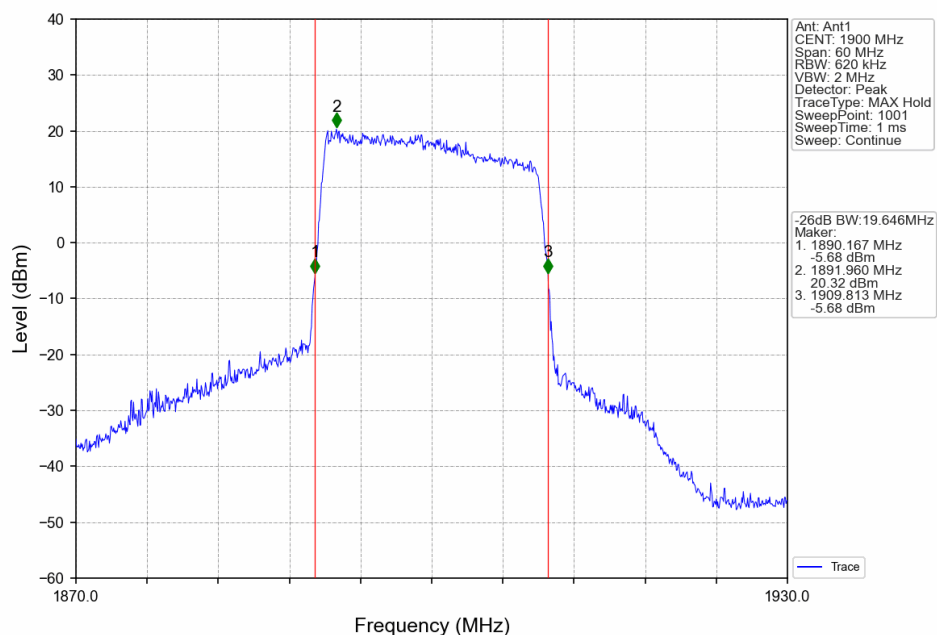












4. 99% & 26dB Bandwidth

4.1 Band4_OBW

4.1.1 Test Result

Band: 4 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.146	Pass
		1732.5	6	0	1.152	Pass
		1754.3	6	0	1.137	Pass
	16QAM	1710.7	6	0	1.139	Pass
		1732.5	6	0	1.142	Pass
		1754.3	6	0	1.162	Pass
3	QPSK	1711.5	15	0	2.789	Pass
		1732.5	15	0	2.775	Pass
		1753.5	15	0	2.779	Pass
	16QAM	1711.5	15	0	2.800	Pass
		1732.5	15	0	2.781	Pass
		1753.5	15	0	2.796	Pass
5	QPSK	1712.5	25	0	4.600	Pass
		1732.5	25	0	4.579	Pass
		1752.5	25	0	4.594	Pass
	16QAM	1712.5	25	0	4.585	Pass
		1732.5	25	0	4.591	Pass
		1752.5	25	0	4.600	Pass
10	QPSK	1715	50	0	9.073	Pass
		1732.5	50	0	9.057	Pass
		1750	50	0	9.077	Pass
	16QAM	1715	50	0	9.089	Pass
		1732.5	50	0	9.034	Pass
		1750	50	0	9.048	Pass
15	QPSK	1717.5	75	0	13.548	Pass
		1732.5	75	0	13.554	Pass
		1747.5	75	0	13.563	Pass
	16QAM	1717.5	75	0	13.550	Pass
		1732.5	75	0	13.557	Pass
		1747.5	75	0	13.600	Pass
20	QPSK	1720	100	0	18.004	Pass
		1732.5	100	0	18.012	Pass
		1745	100	0	18.138	Pass
	16QAM	1720	100	0	17.987	Pass



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		1732.5	100	0	18.041	Pass
		1745	100	0	18.128	Pass



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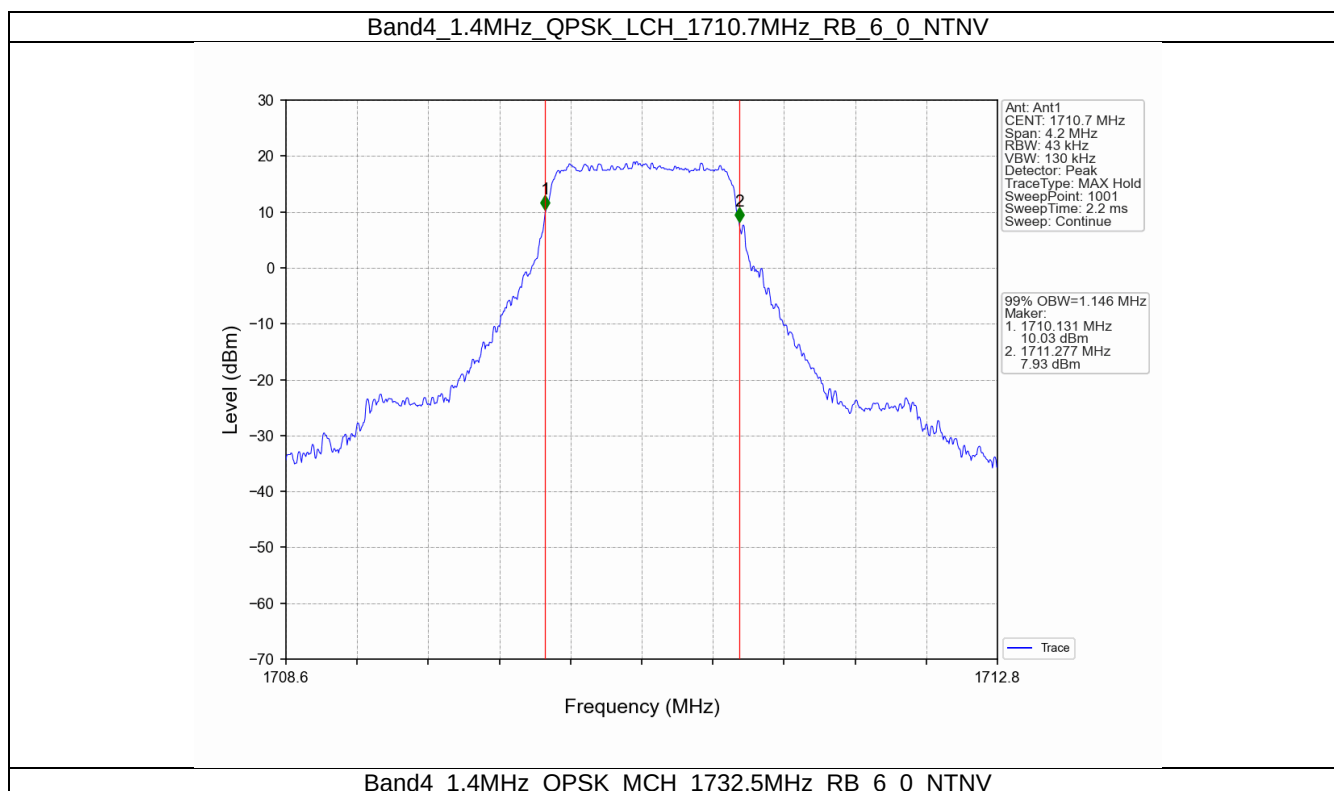
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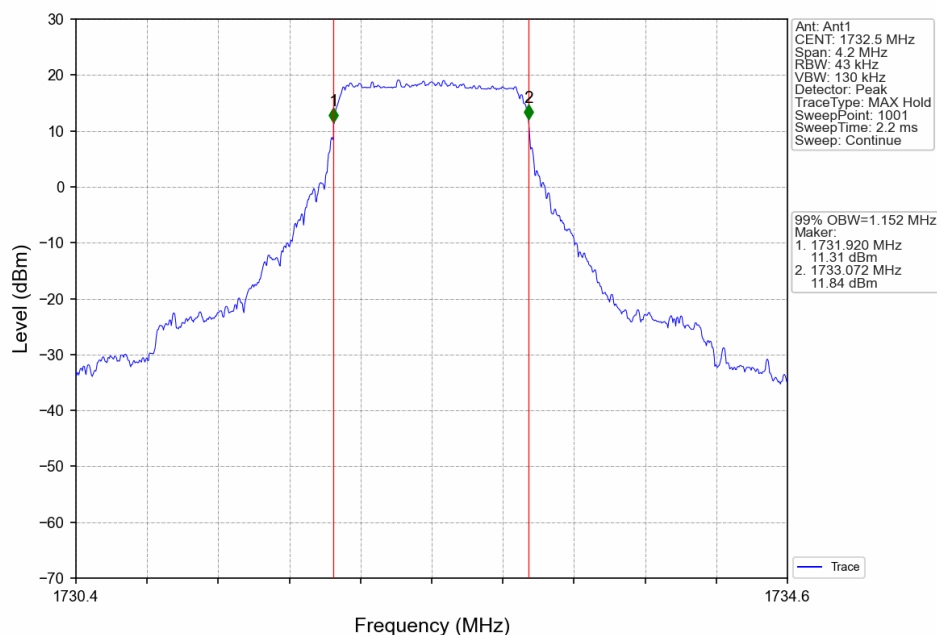
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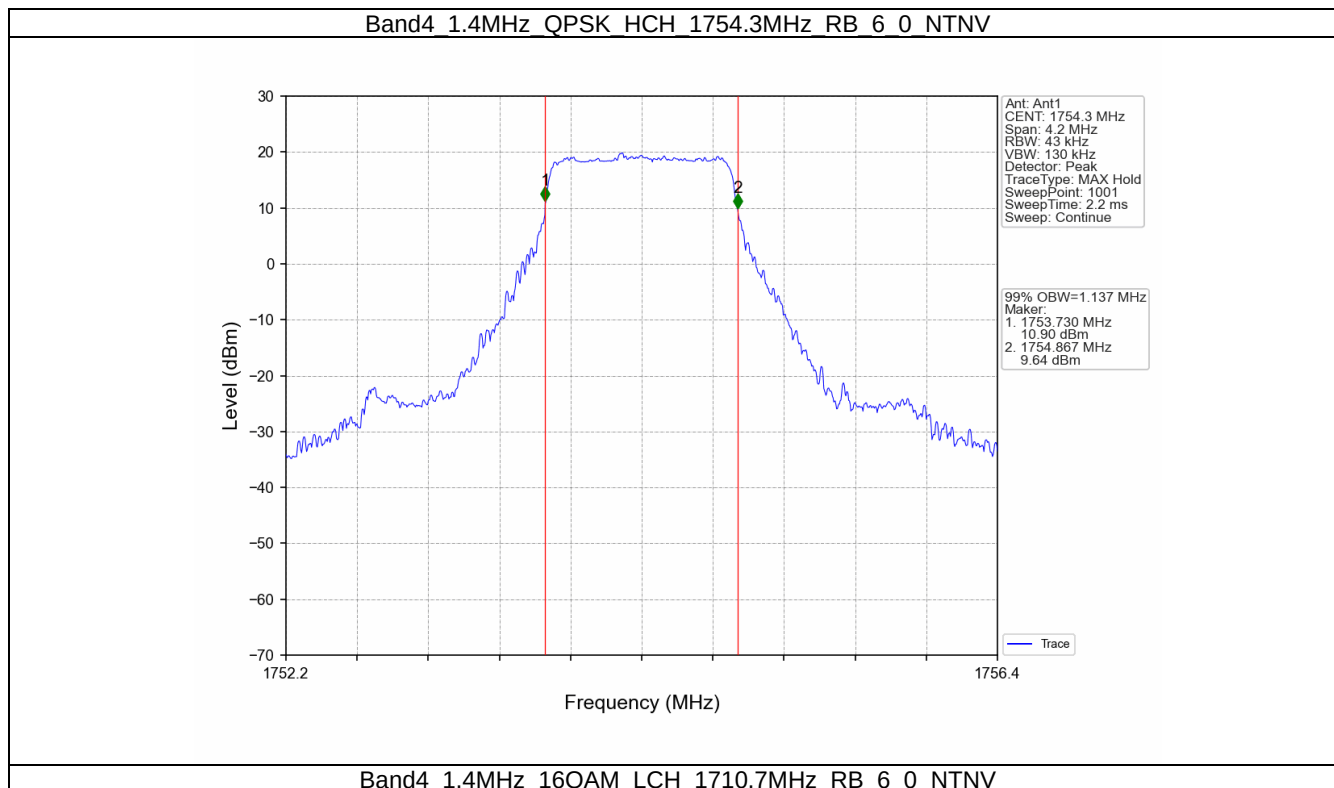
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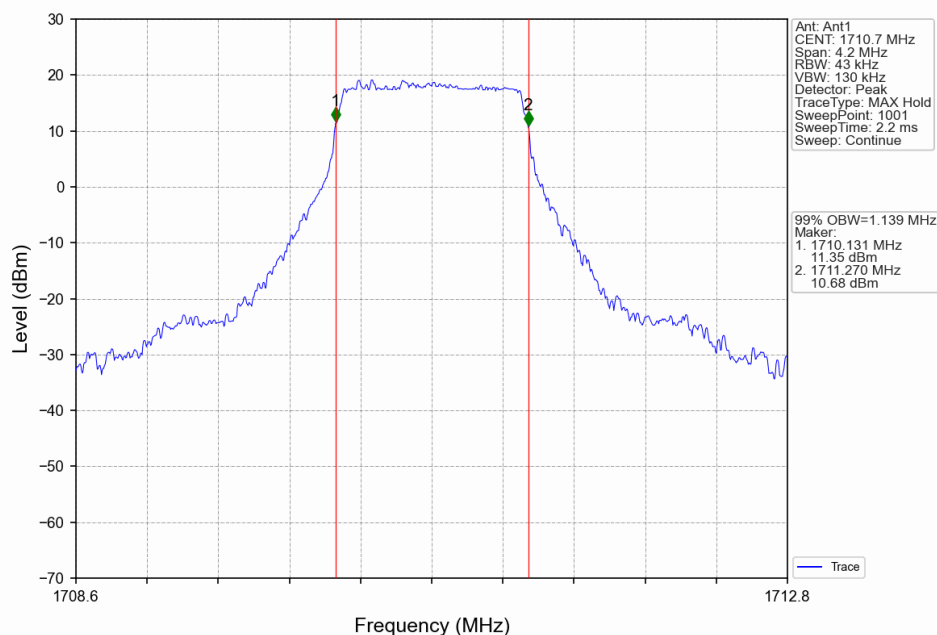
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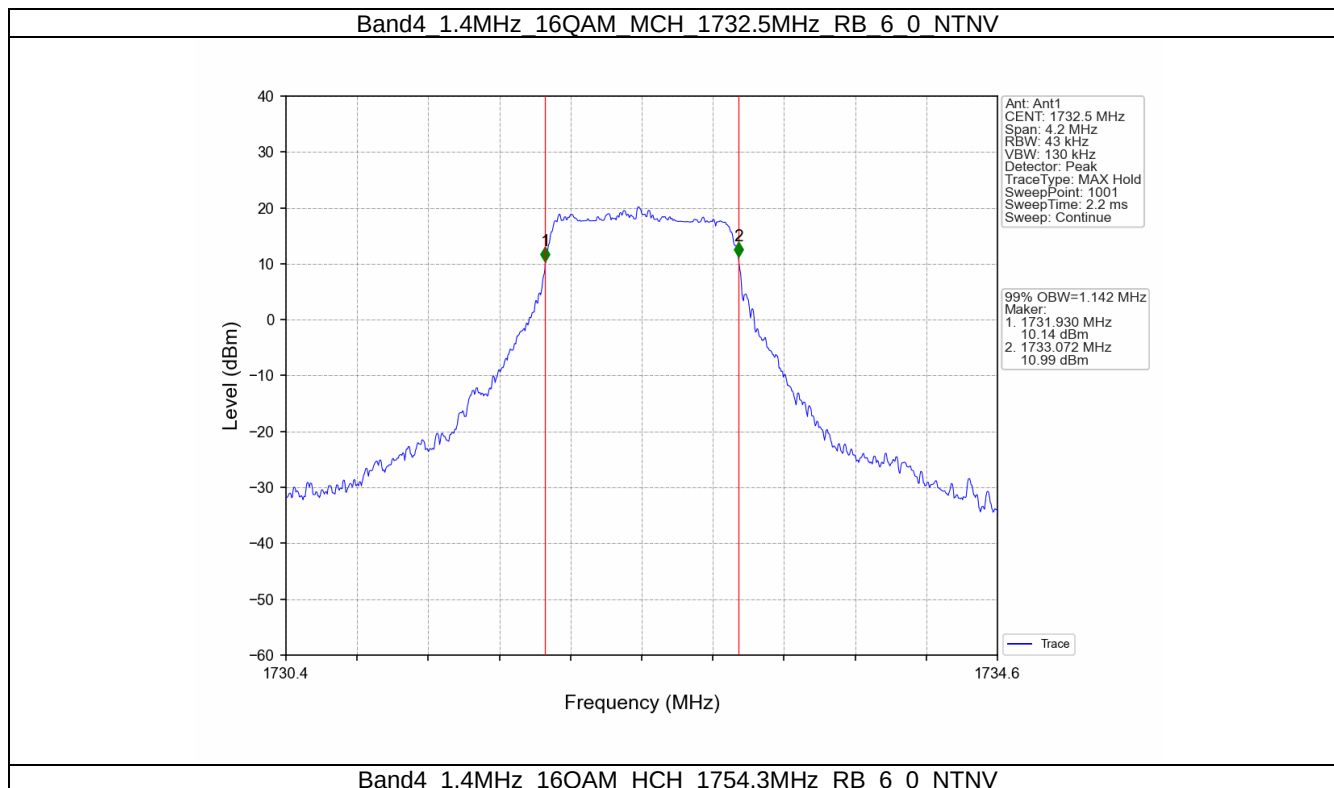
4.1.2 Test Graph











Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV

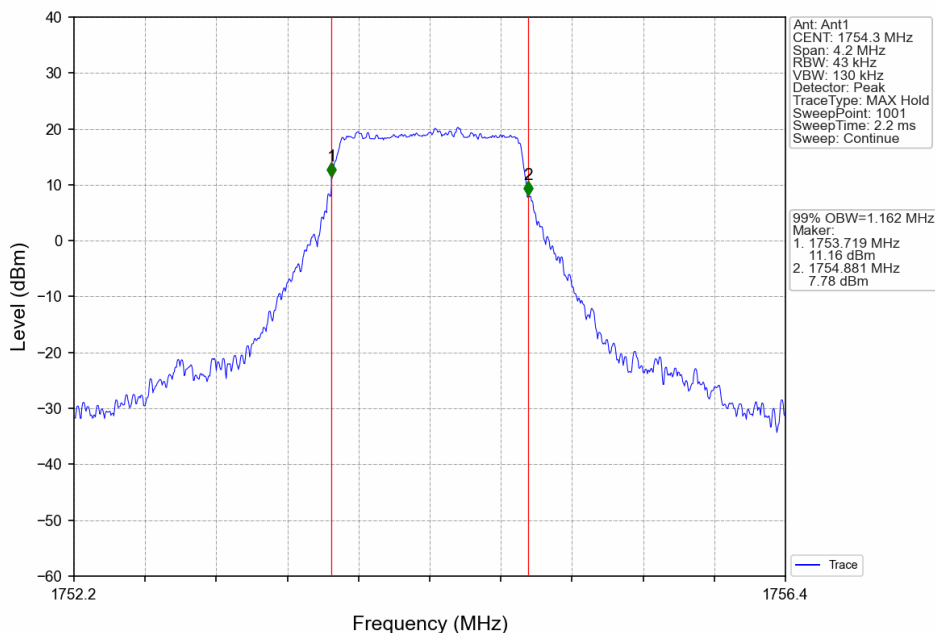


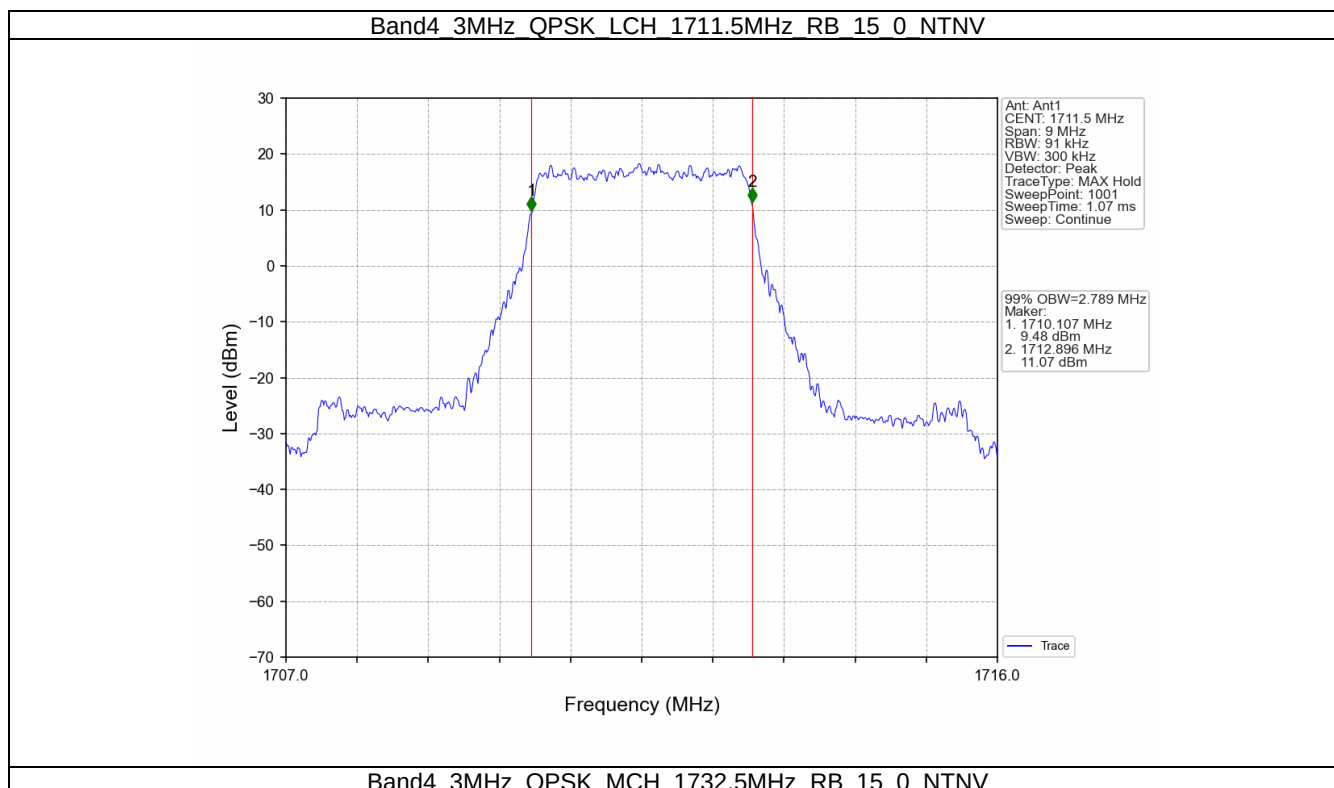
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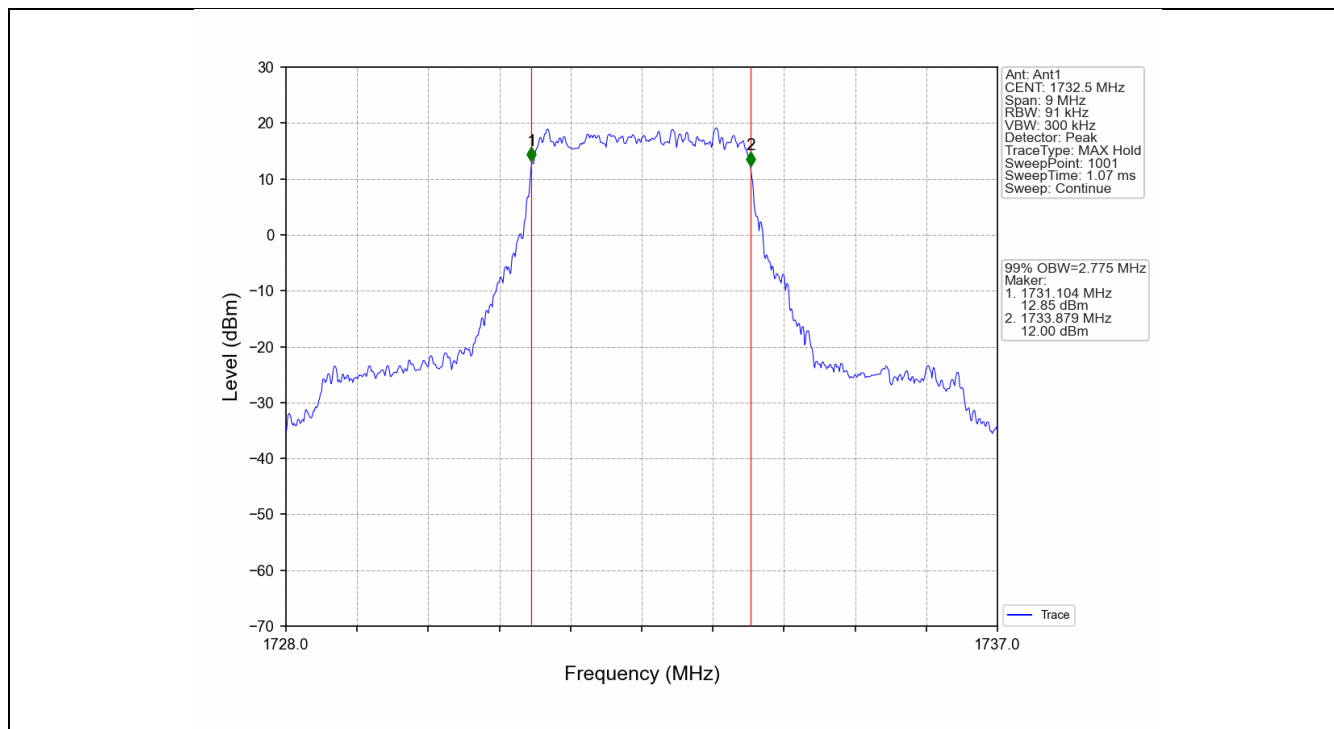
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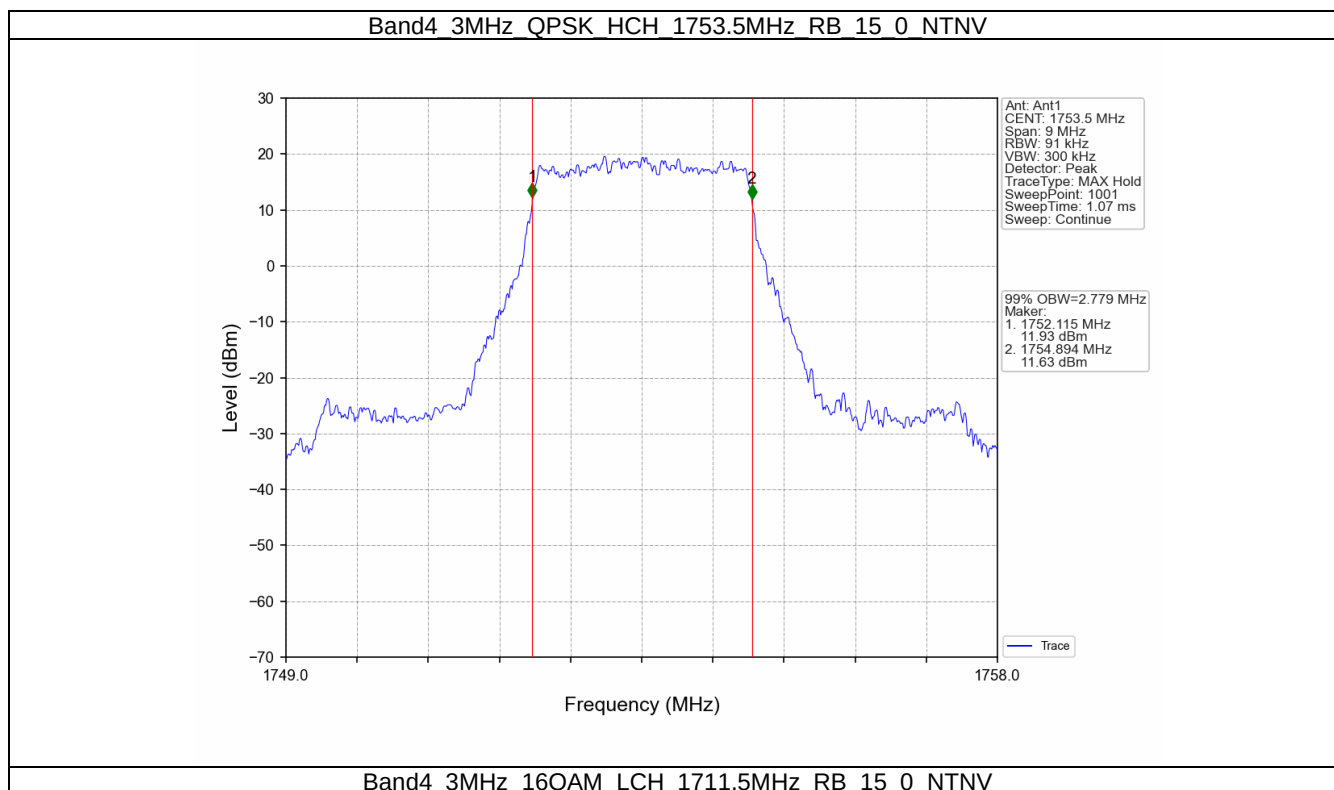
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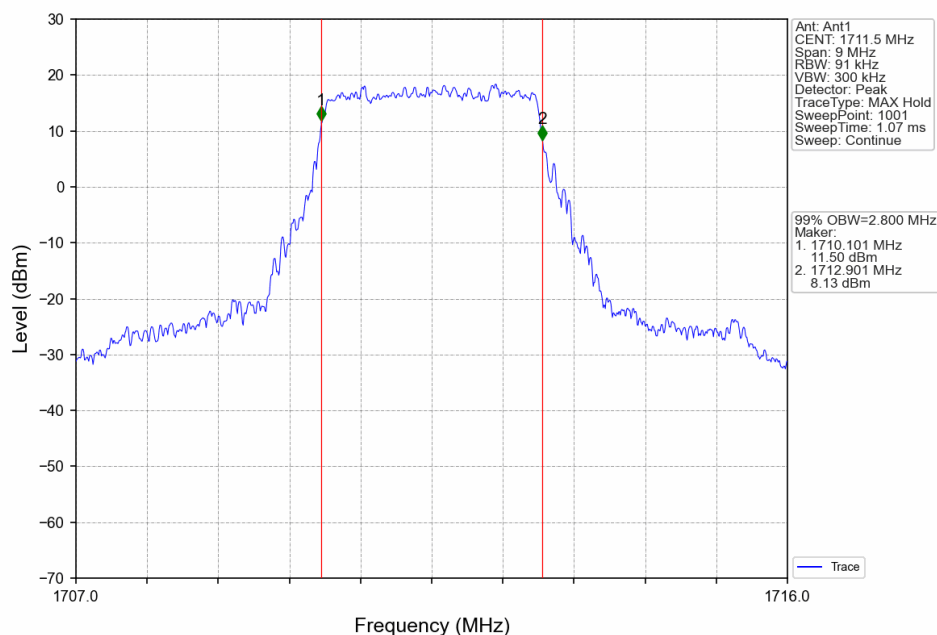
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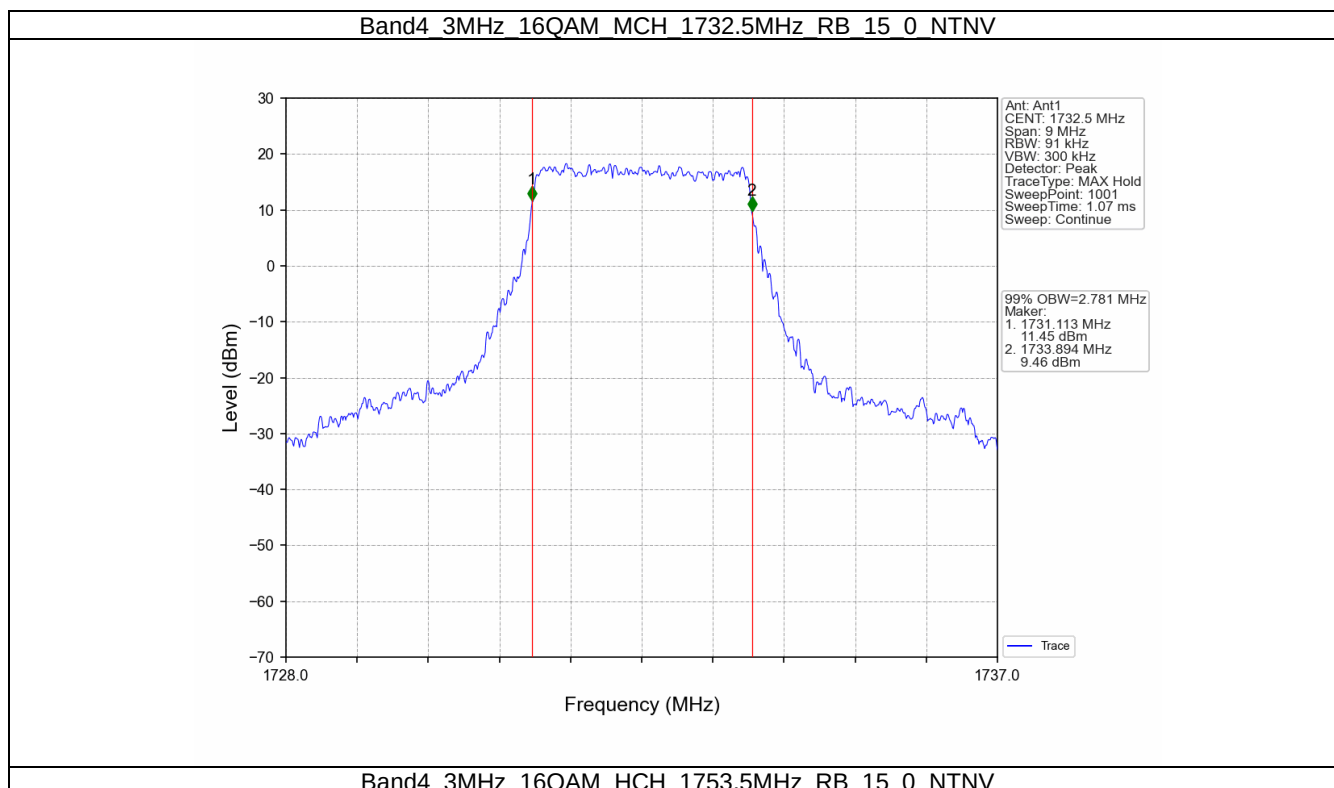










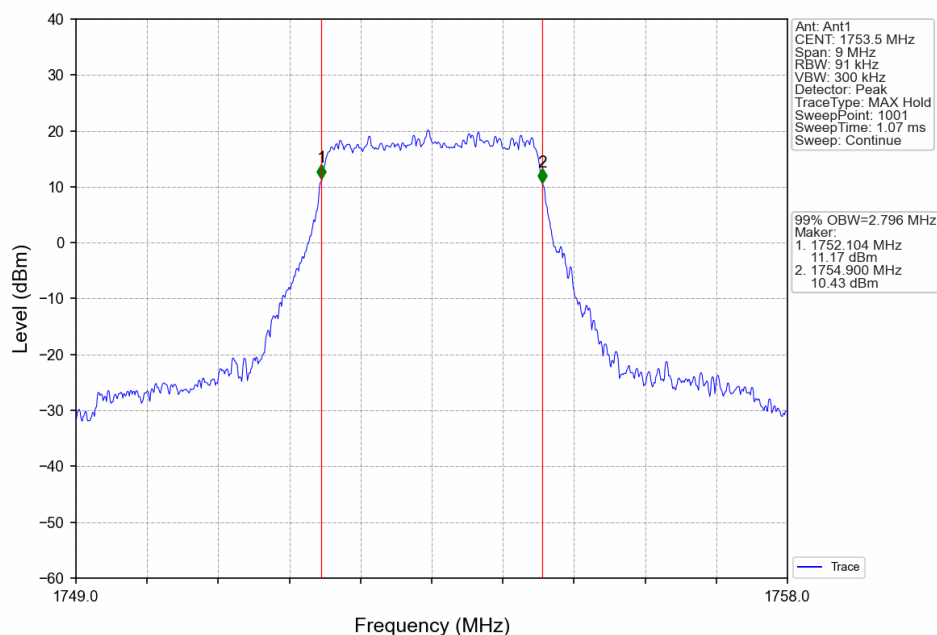


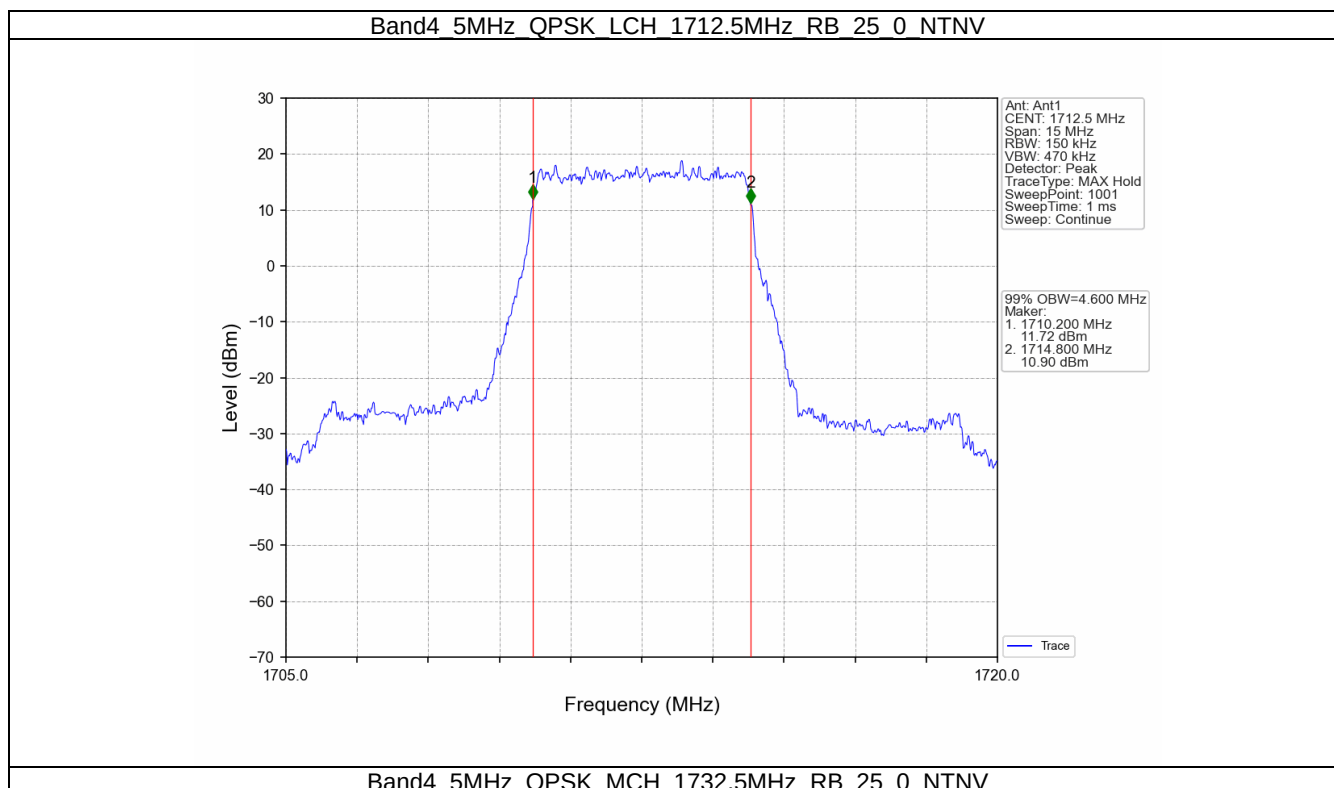
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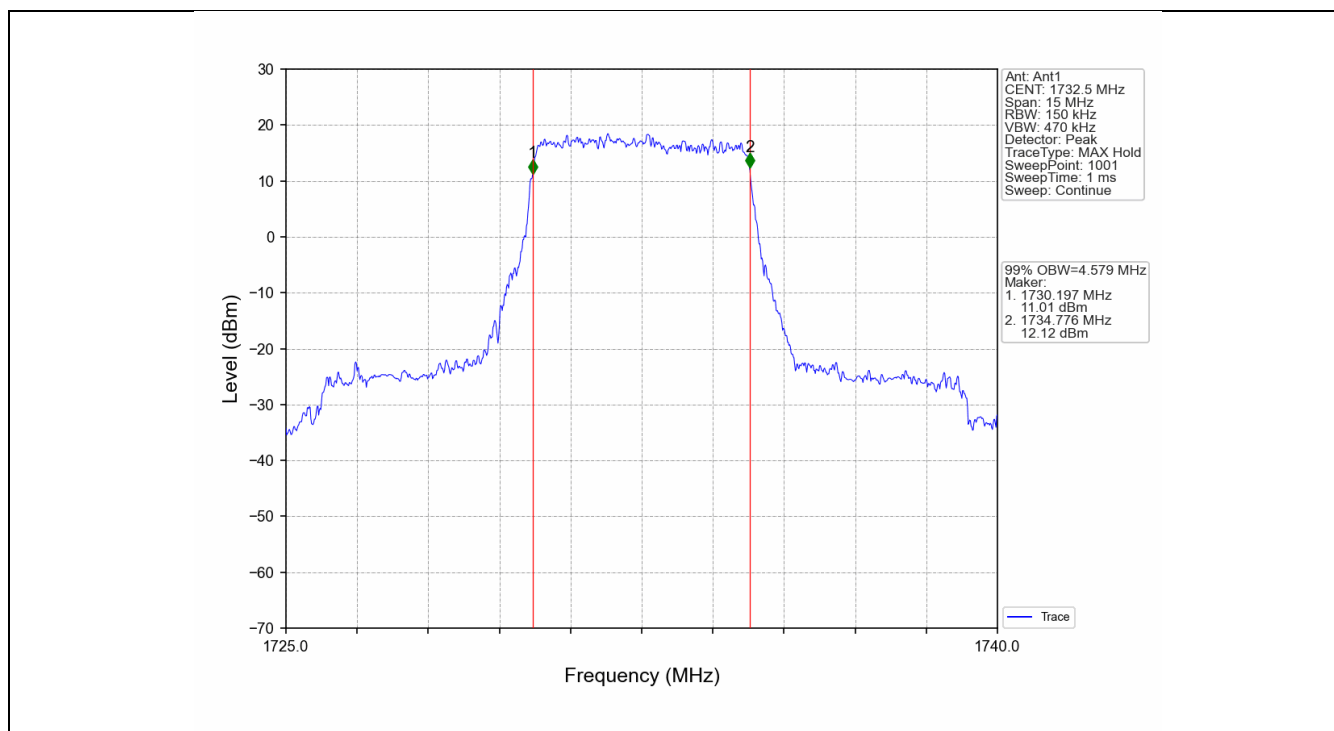
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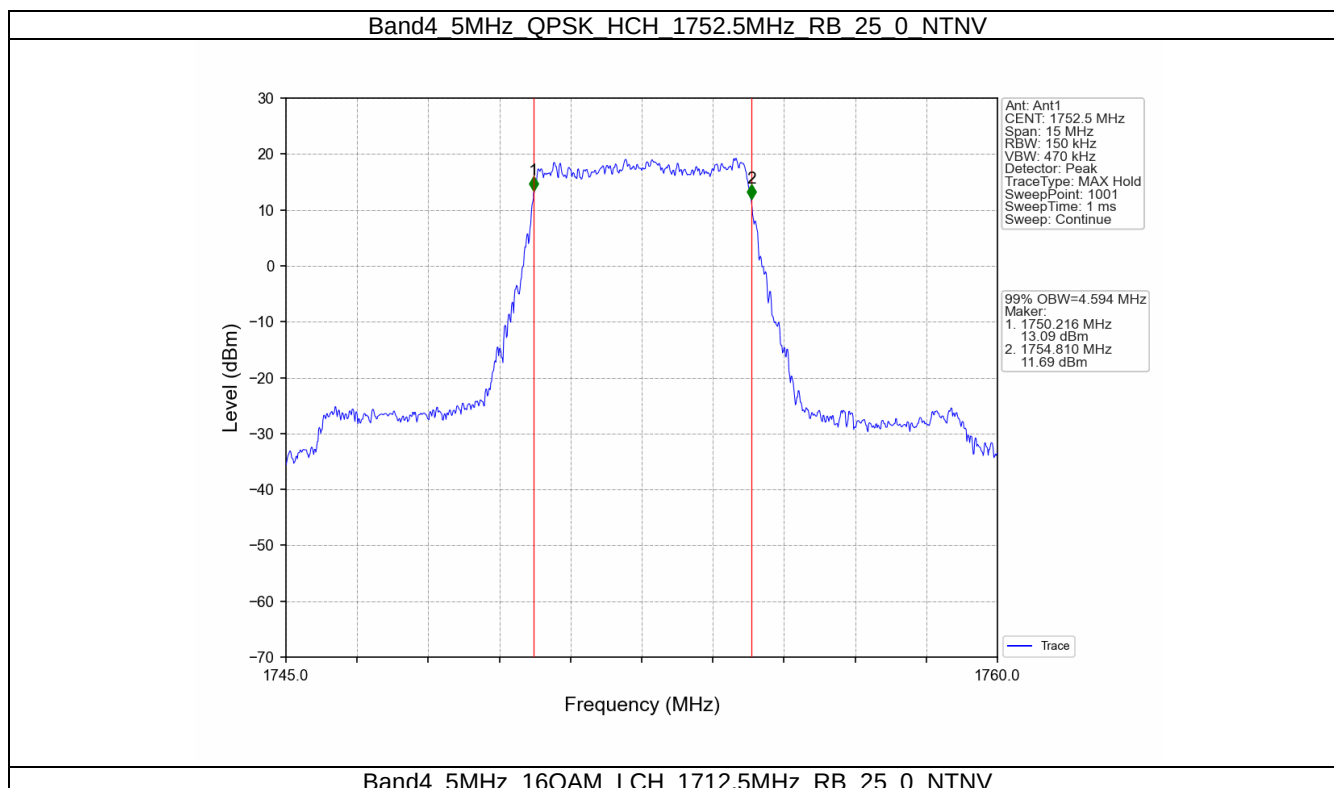
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Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV

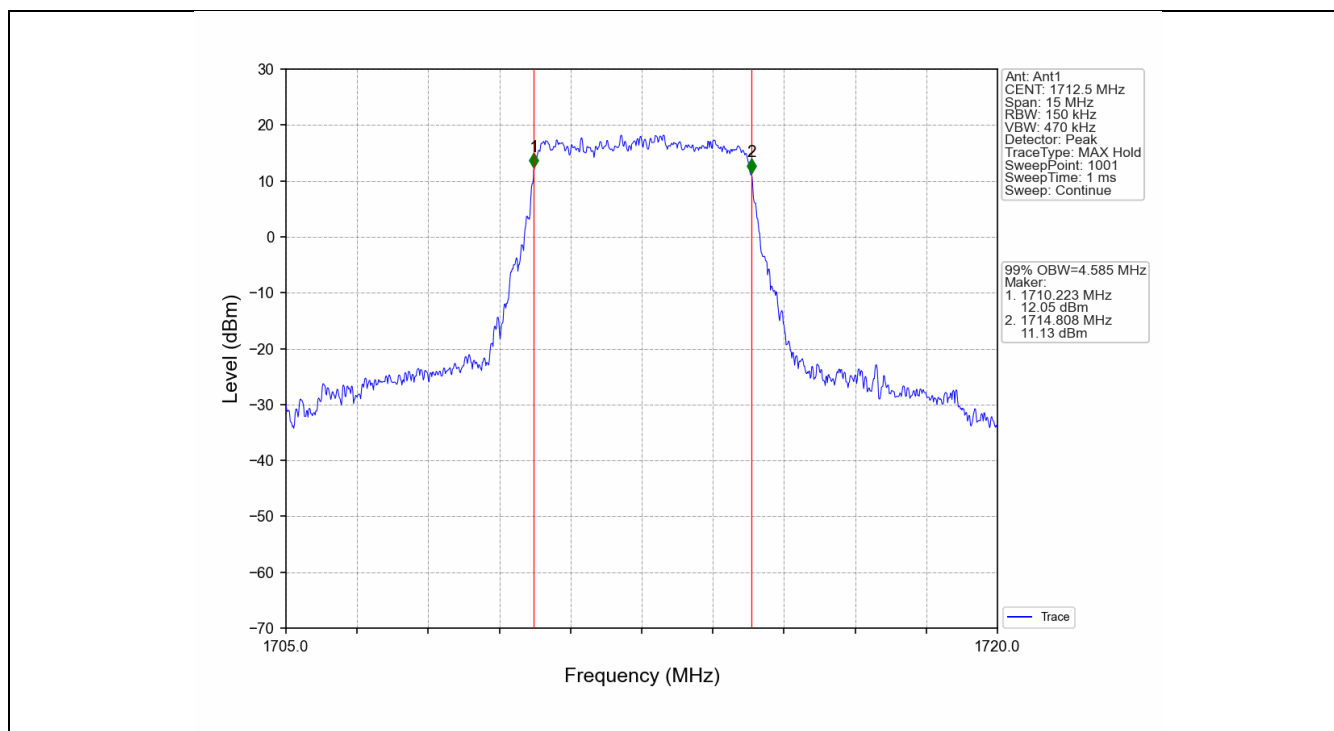


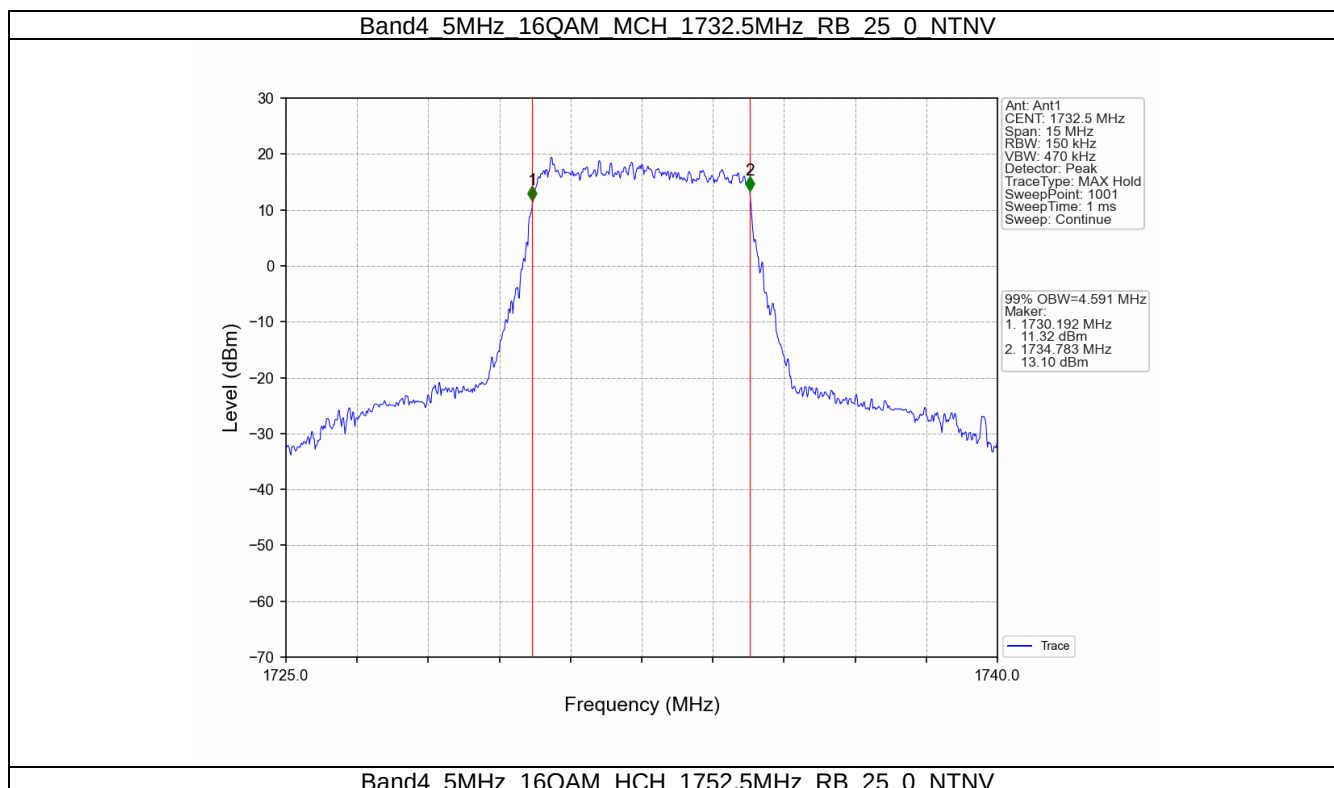
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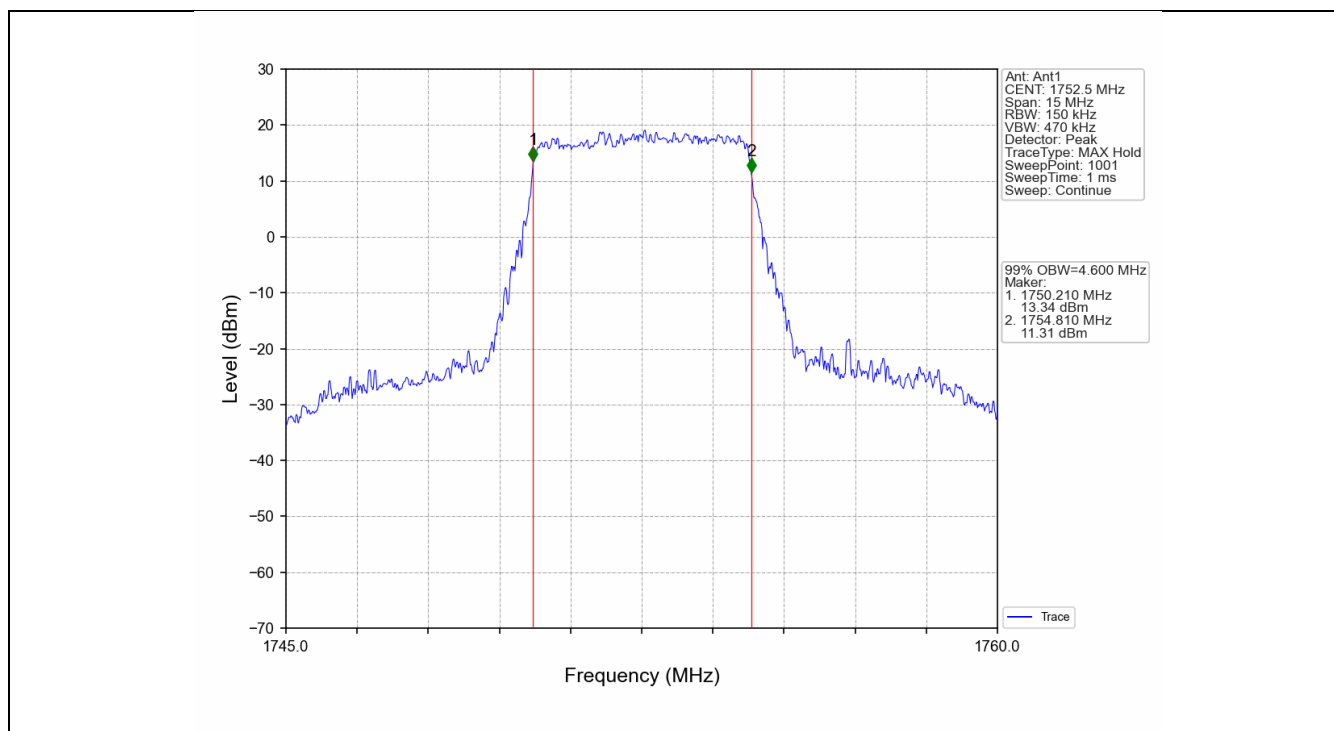
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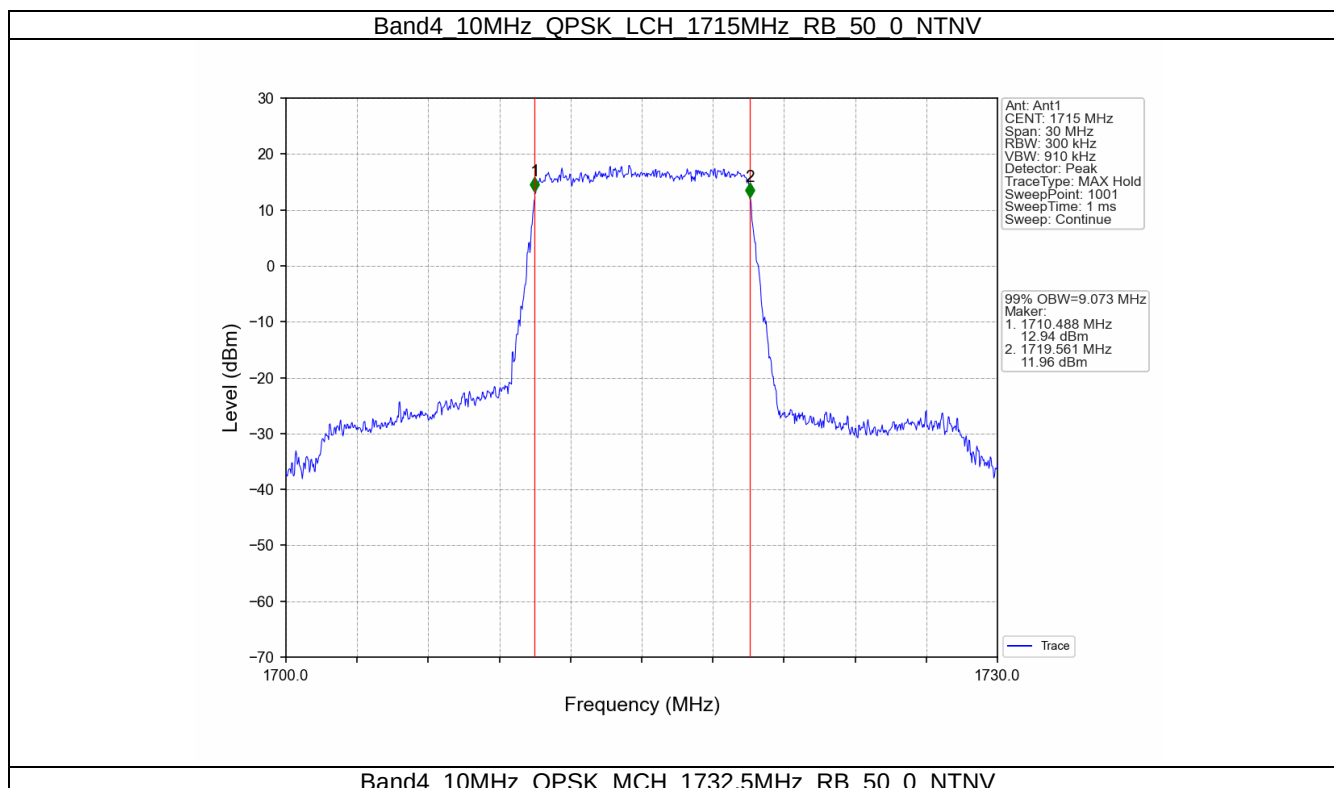
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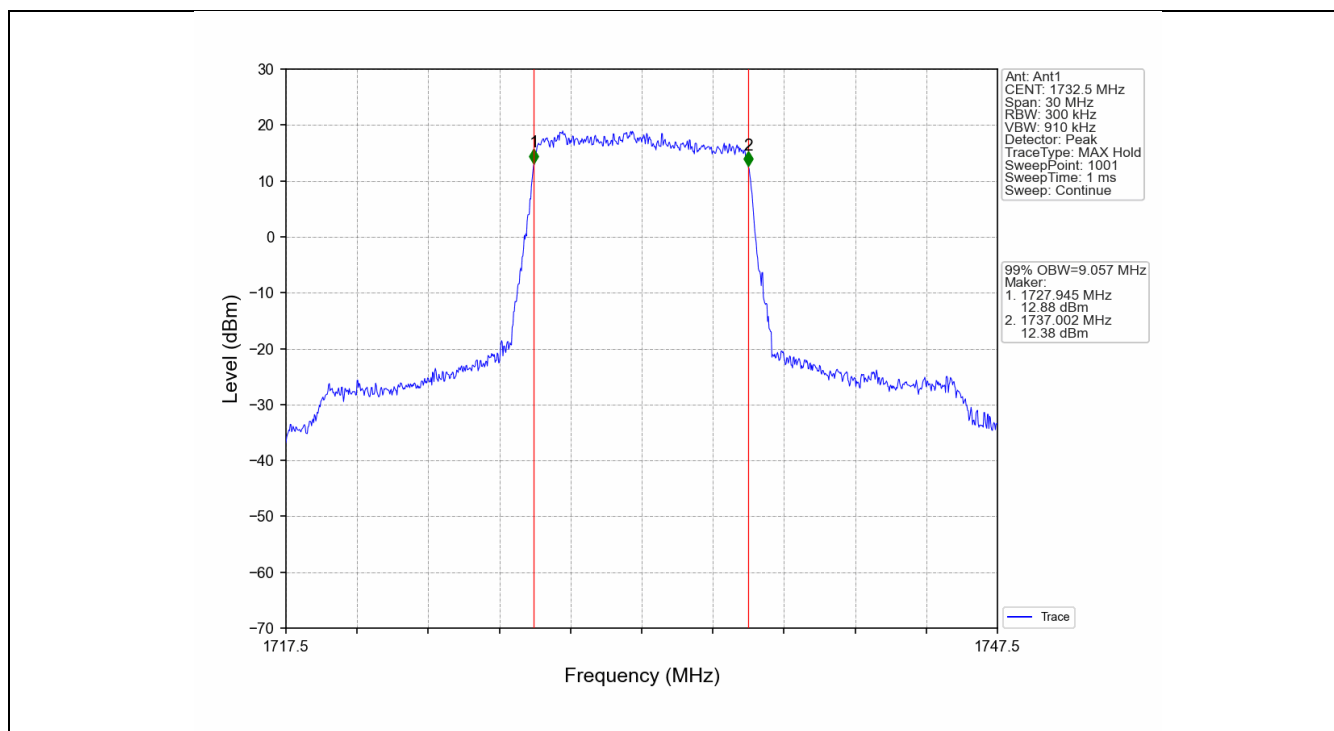
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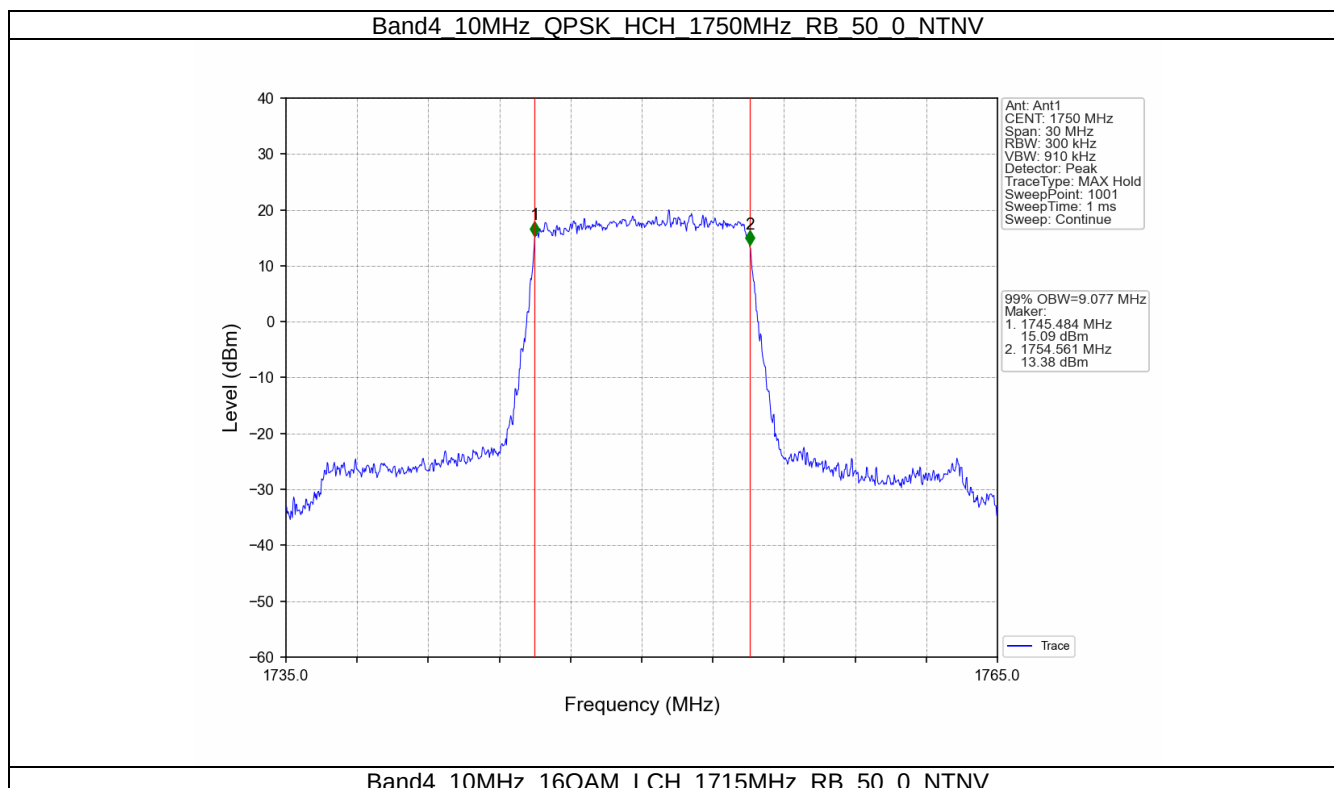


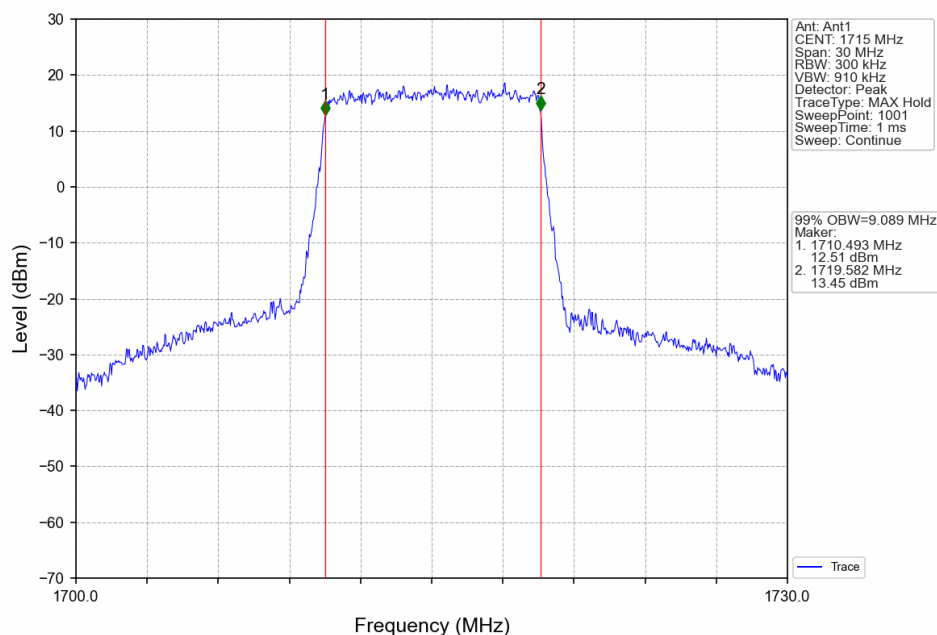


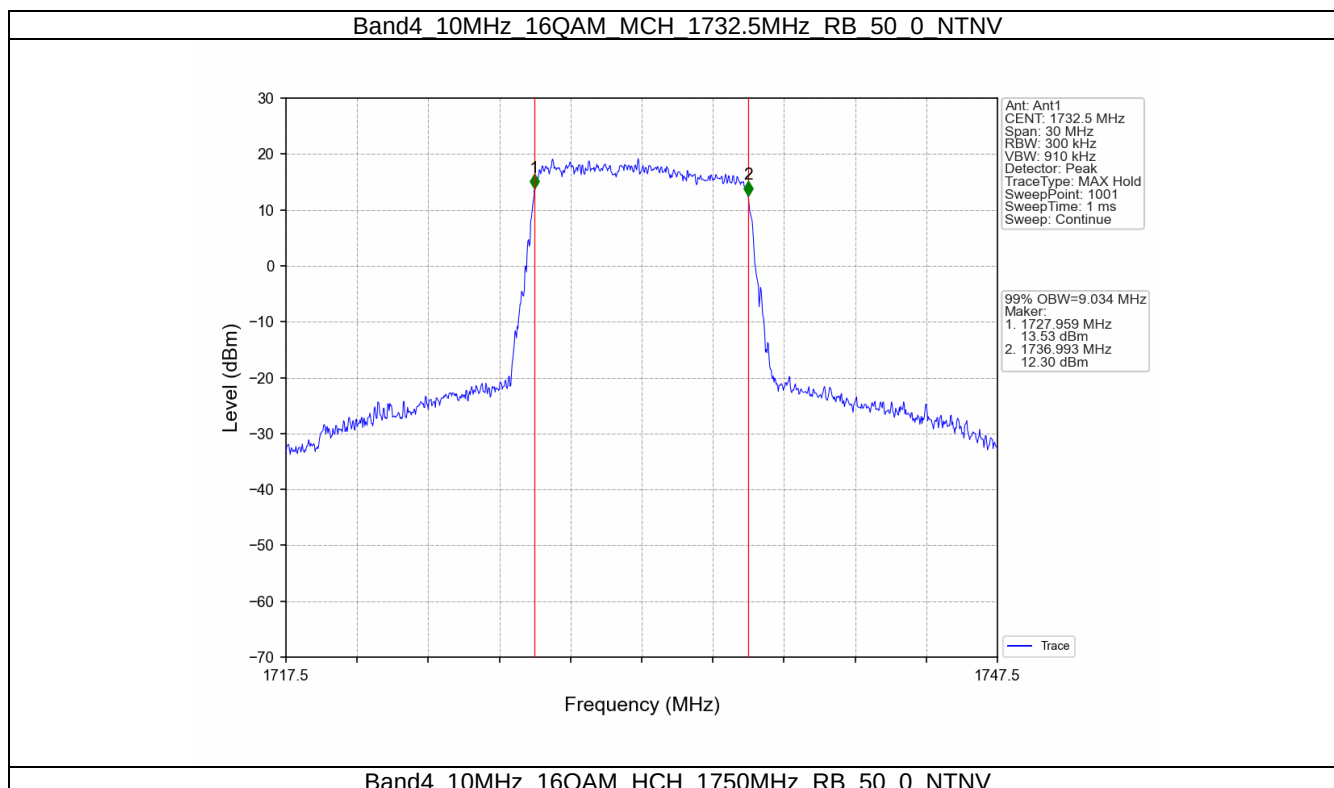












Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV

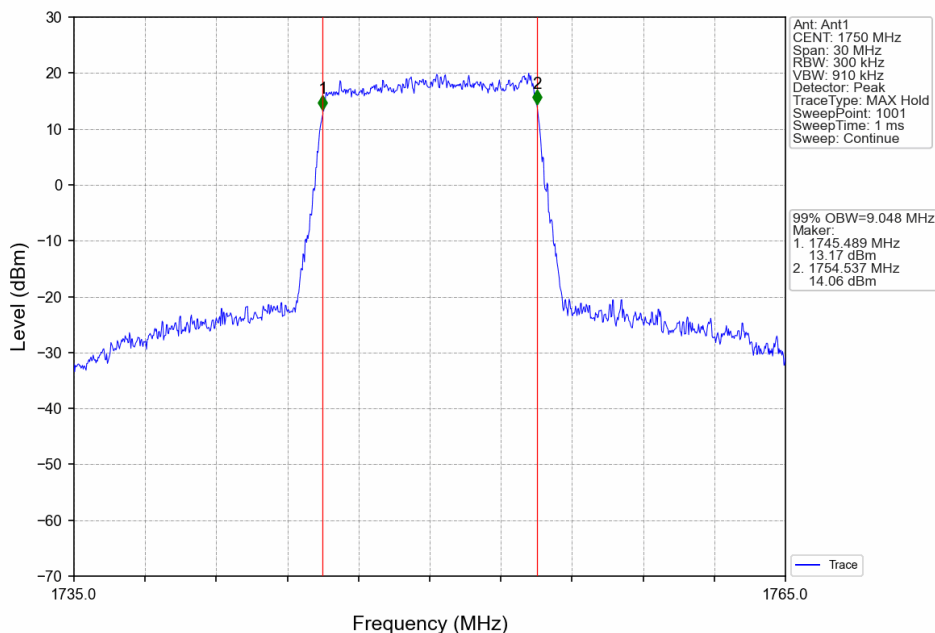


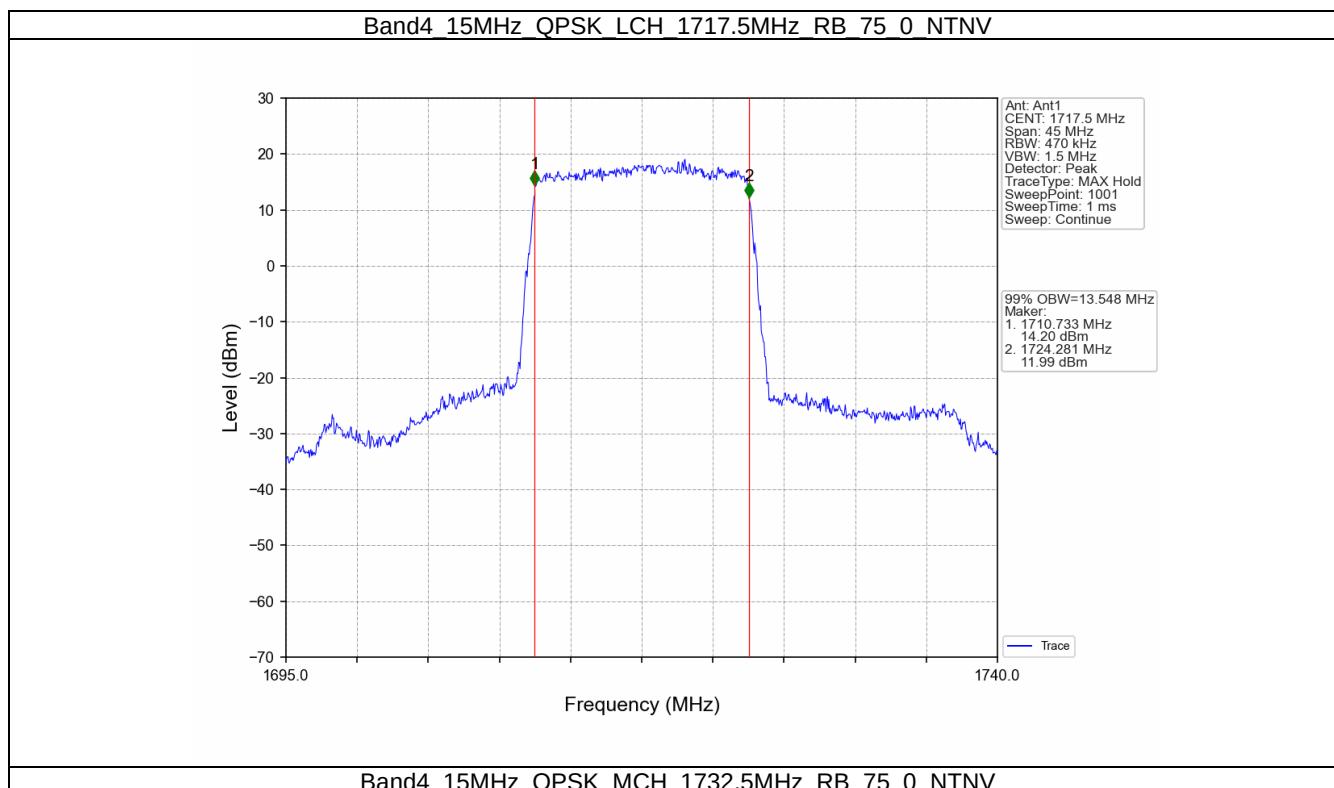
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Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV

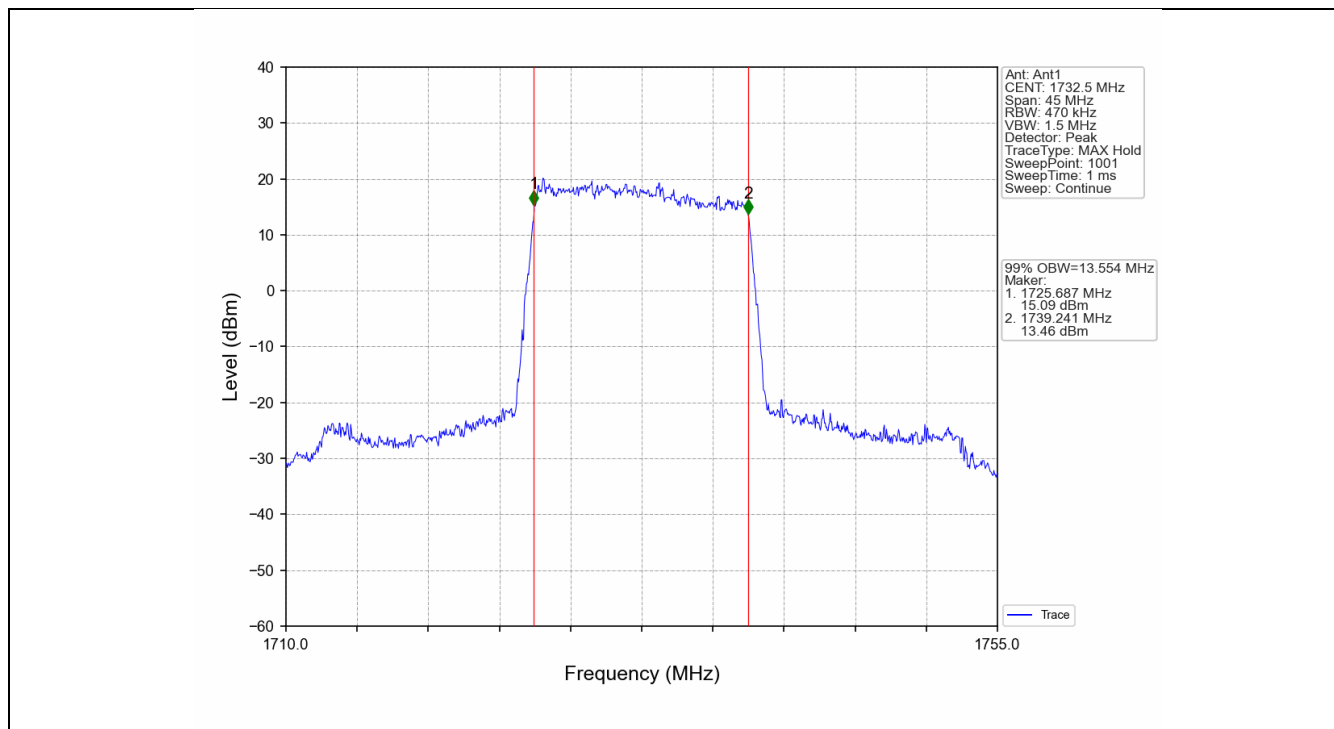


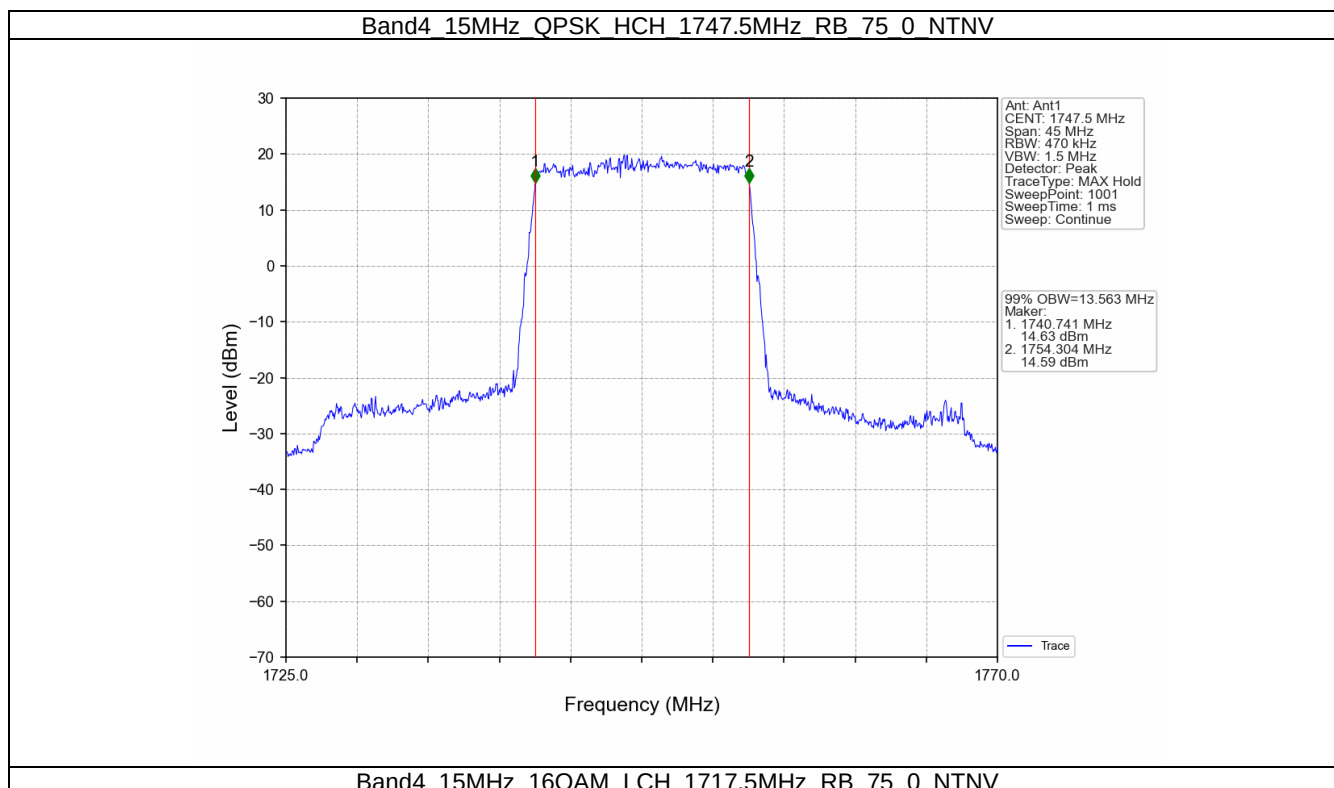
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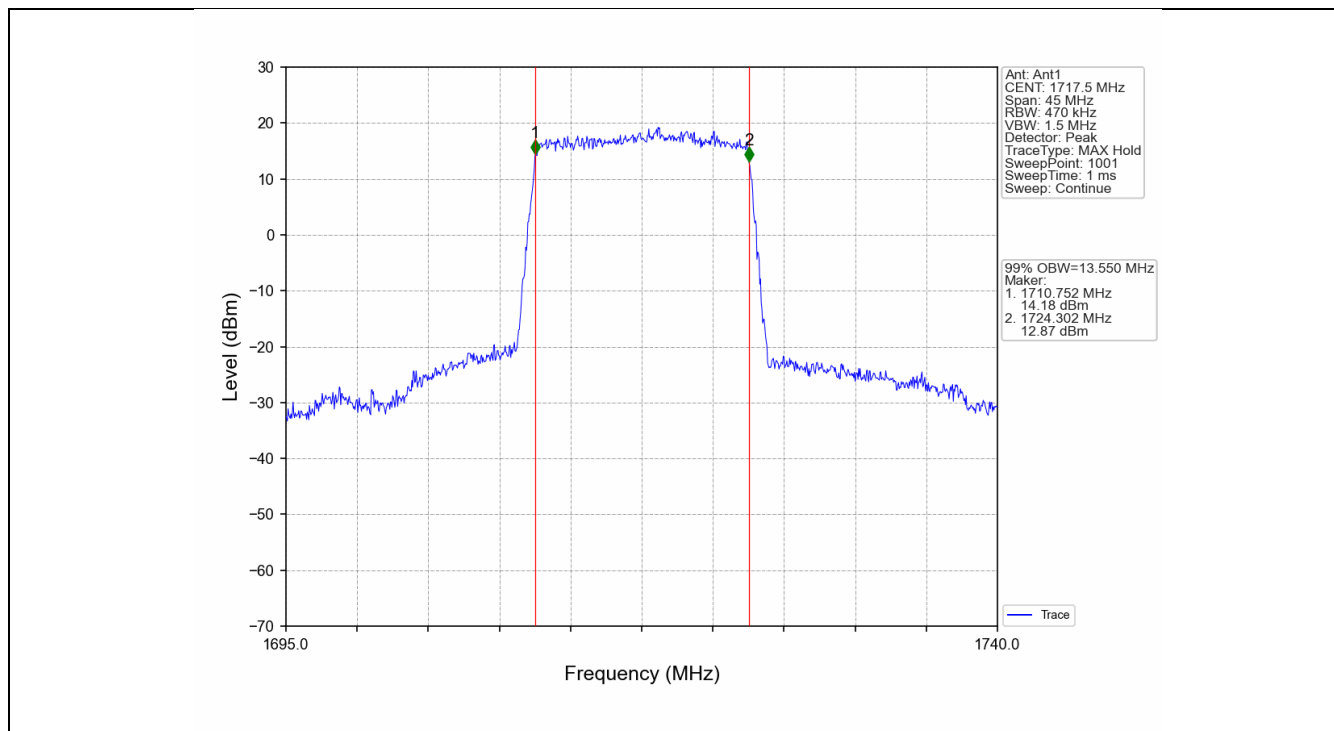
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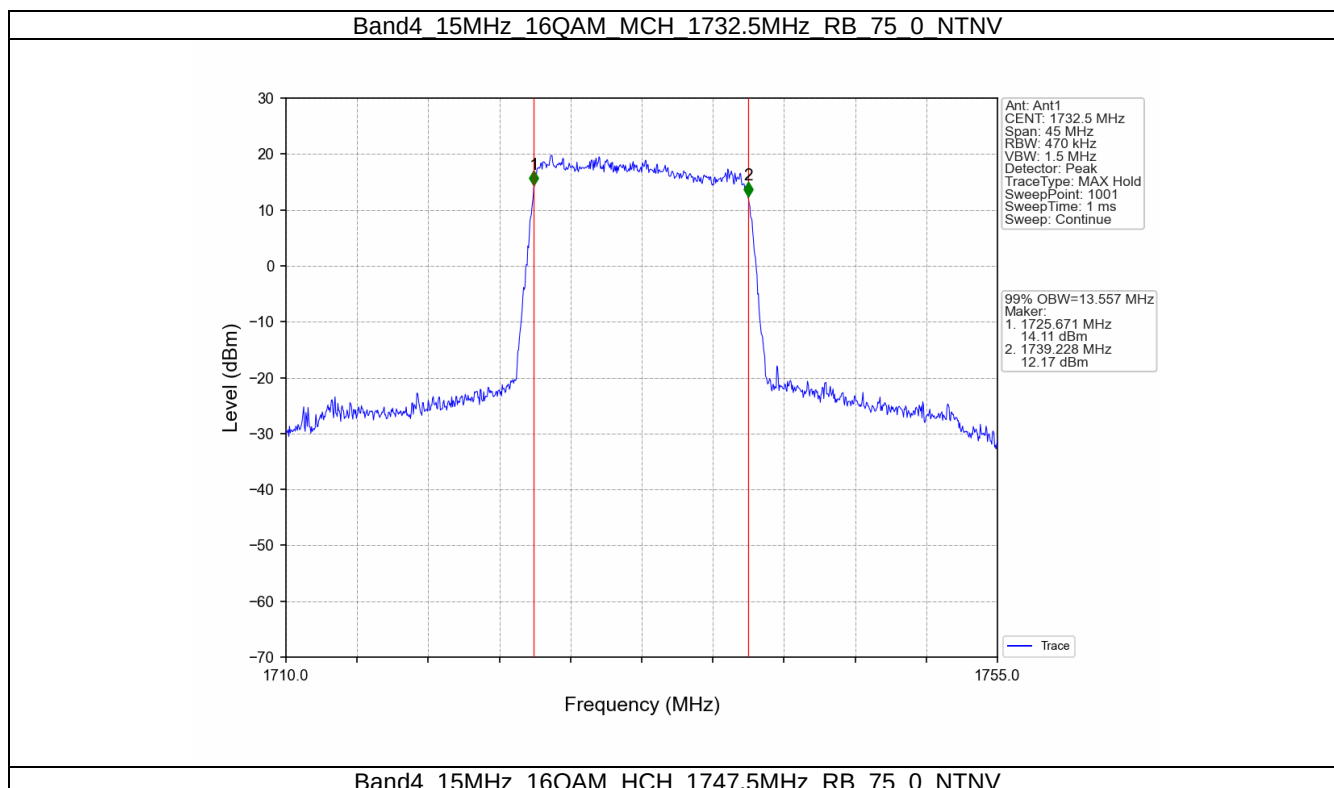
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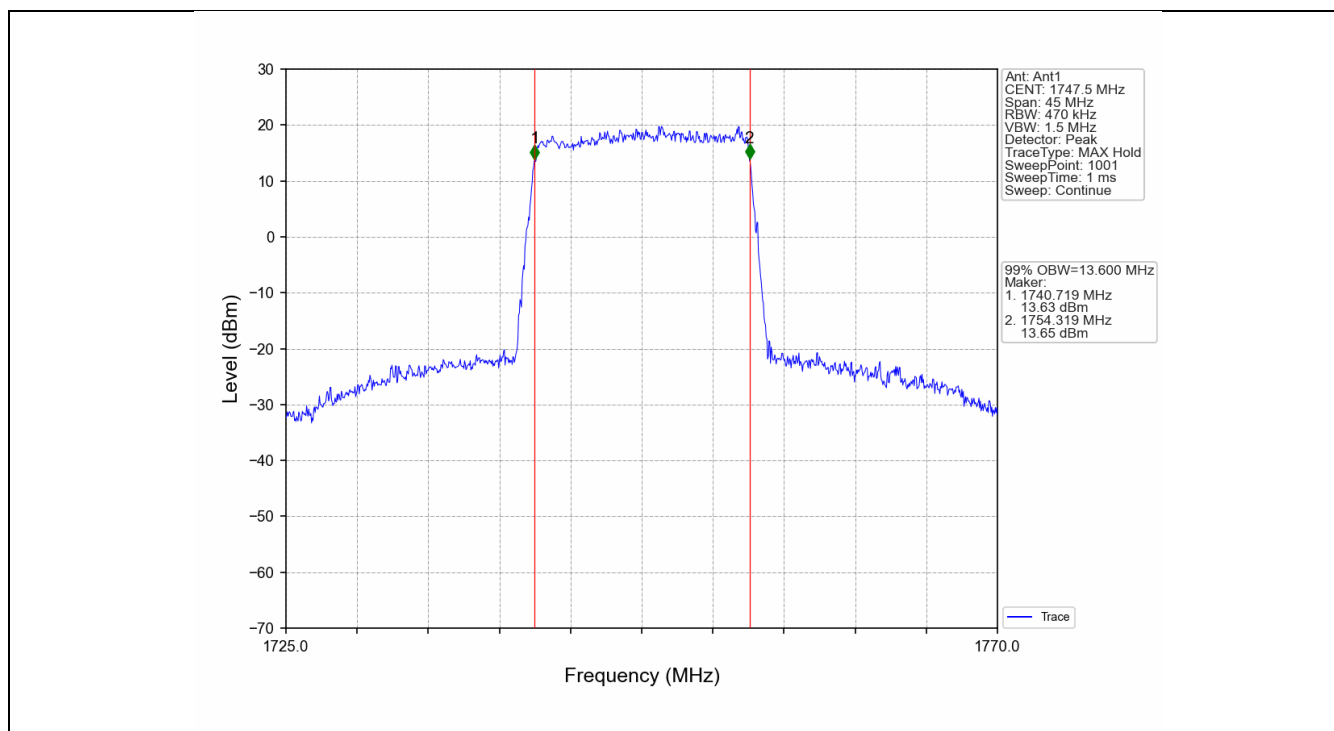


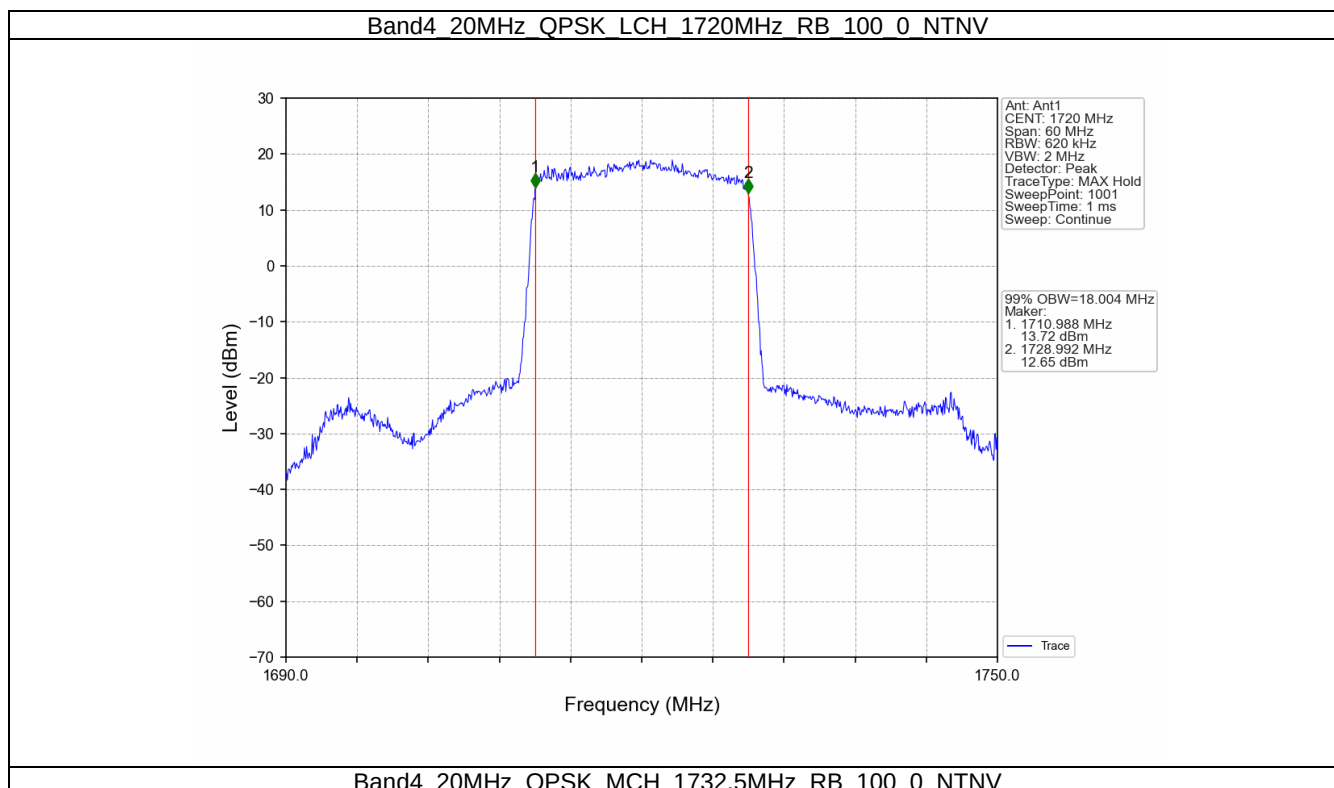




Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV







Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV

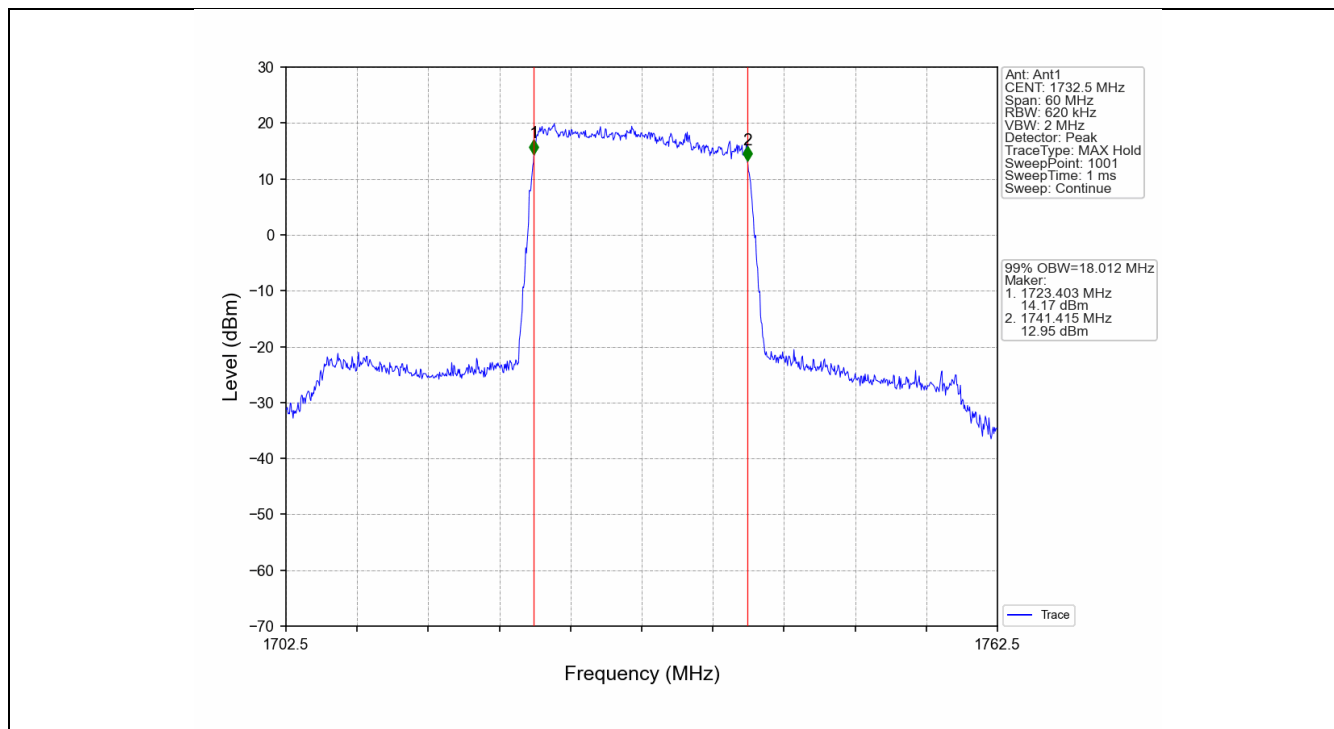


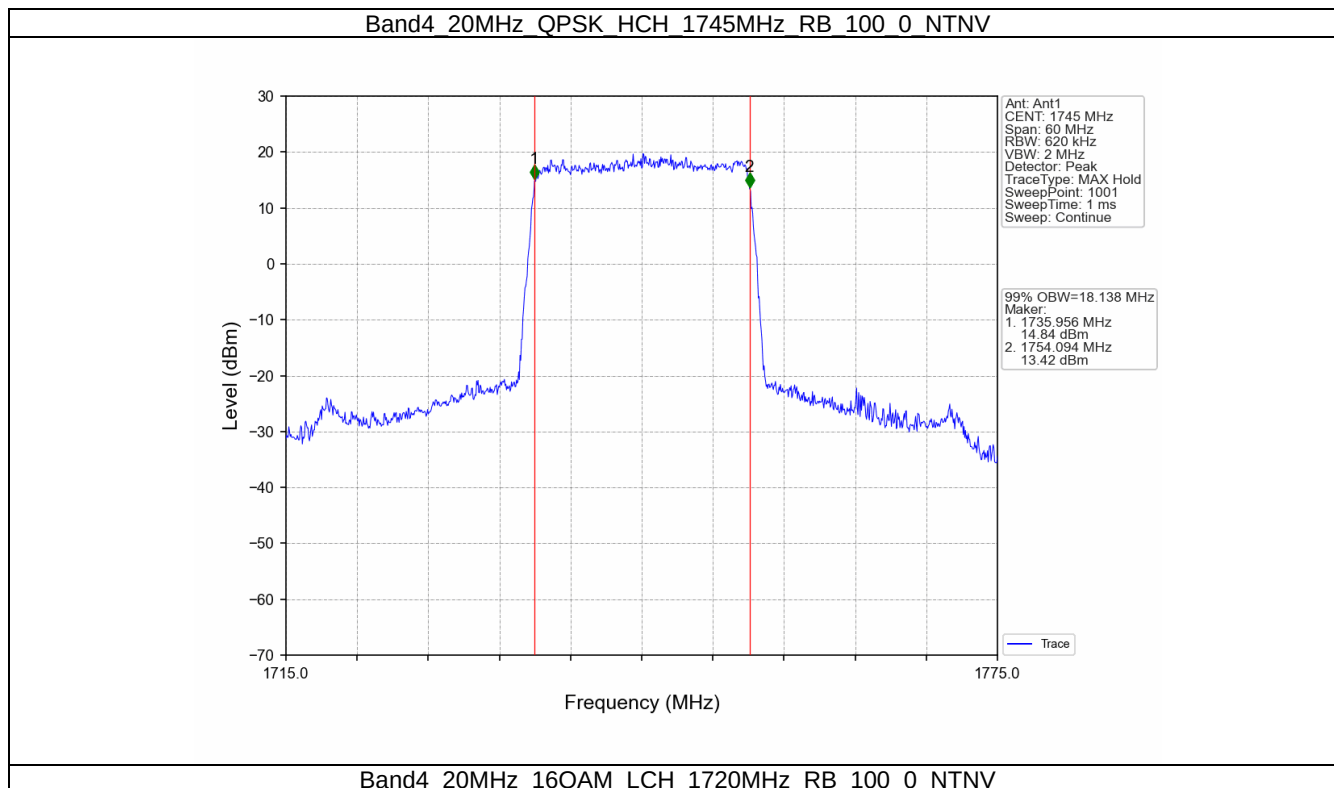
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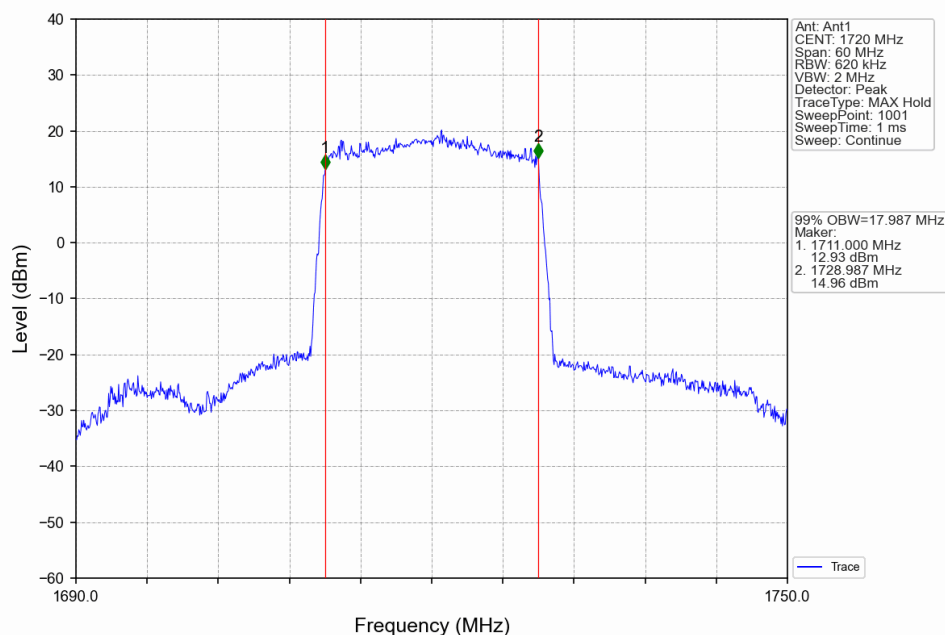
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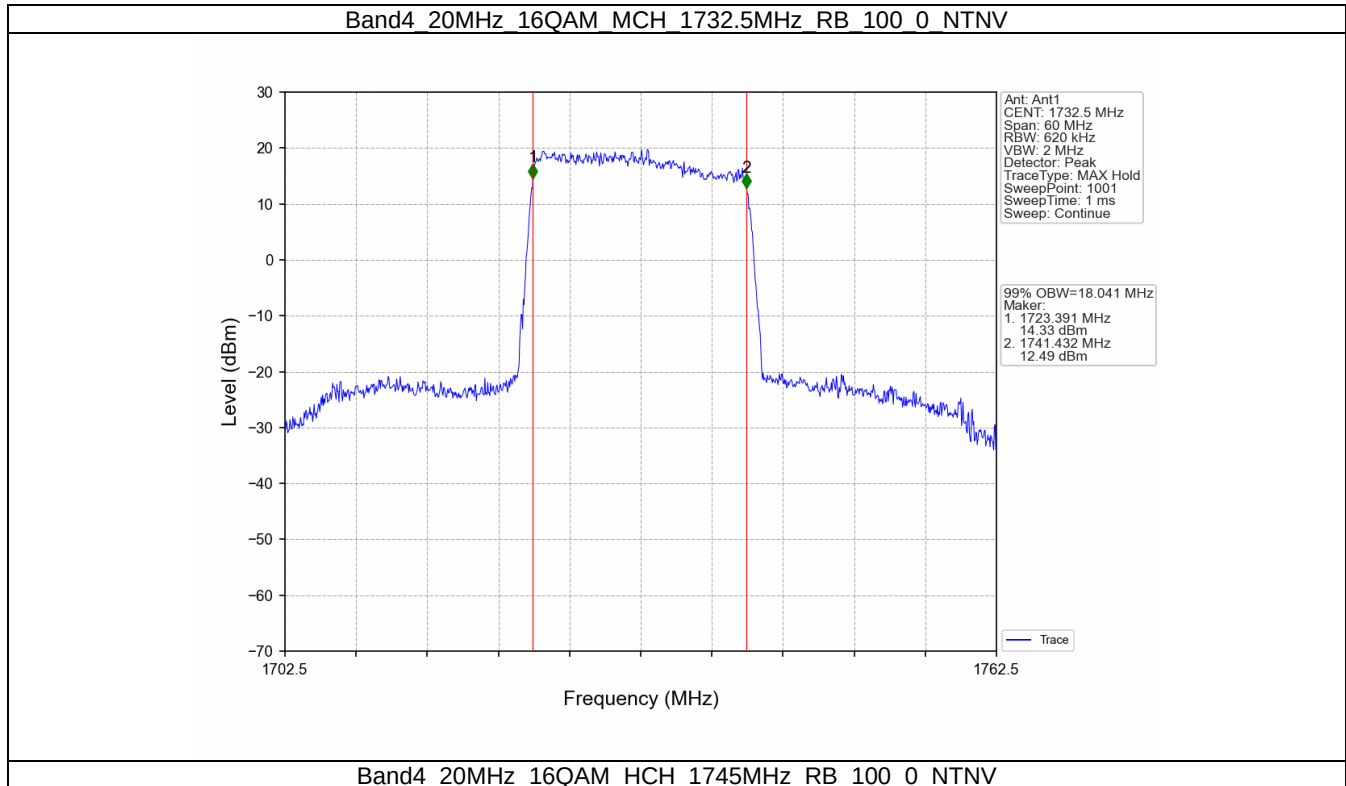


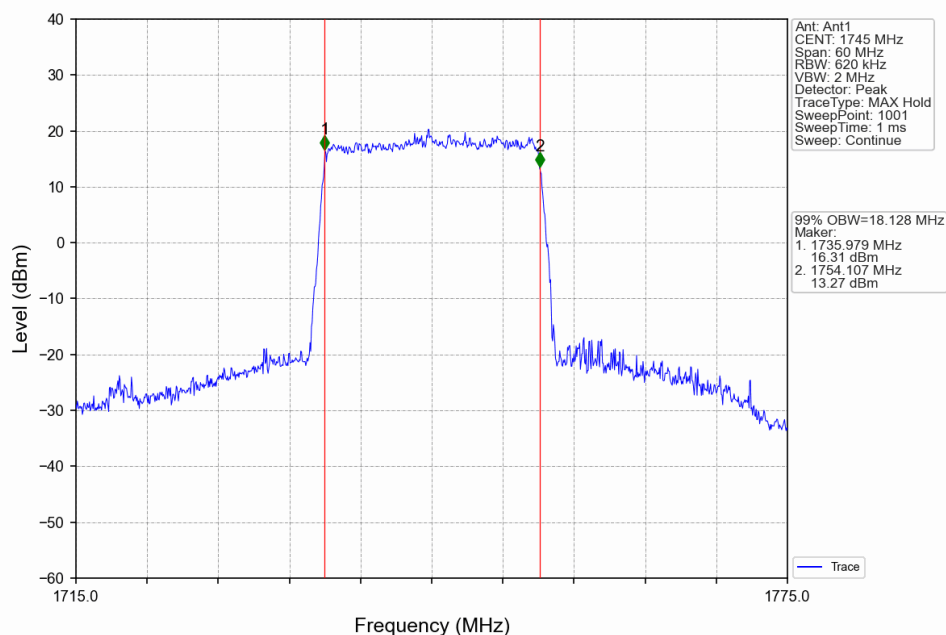


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTV









4.2 Band4_XDB

4.2.1 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	1.599	Pass
		1732.5	6	0	1.593	Pass
		1754.3	6	0	1.615	Pass
	16QAM	1710.7	6	0	1.536	Pass
		1732.5	6	0	1.548	Pass
		1754.3	6	0	1.598	Pass
3	QPSK	1711.5	15	0	3.548	Pass
		1732.5	15	0	3.414	Pass
		1753.5	15	0	3.463	Pass
	16QAM	1711.5	15	0	3.549	Pass
		1732.5	15	0	3.543	Pass
		1753.5	15	0	3.504	Pass
5	QPSK	1712.5	25	0	5.491	Pass
		1732.5	25	0	5.480	Pass
		1752.5	25	0	5.472	Pass
	16QAM	1712.5	25	0	5.487	Pass
		1732.5	25	0	5.410	Pass
		1752.5	25	0	5.583	Pass
10	QPSK	1715	50	0	10.197	Pass
		1732.5	50	0	10.251	Pass
		1750	50	0	10.205	Pass
	16QAM	1715	50	0	10.192	Pass
		1732.5	50	0	10.190	Pass
		1750	50	0	10.110	Pass
15	QPSK	1717.5	75	0	14.883	Pass
		1732.5	75	0	14.847	Pass
		1747.5	75	0	14.980	Pass
	16QAM	1717.5	75	0	14.864	Pass
		1732.5	75	0	14.935	Pass
		1747.5	75	0	15.008	Pass
20	QPSK	1720	100	0	19.563	Pass
		1732.5	100	0	19.623	Pass
		1745	100	0	19.827	Pass
	16QAM	1720	100	0	19.536	Pass
		1732.5	100	0	19.582	Pass
		1745	100	0	19.687	Pass





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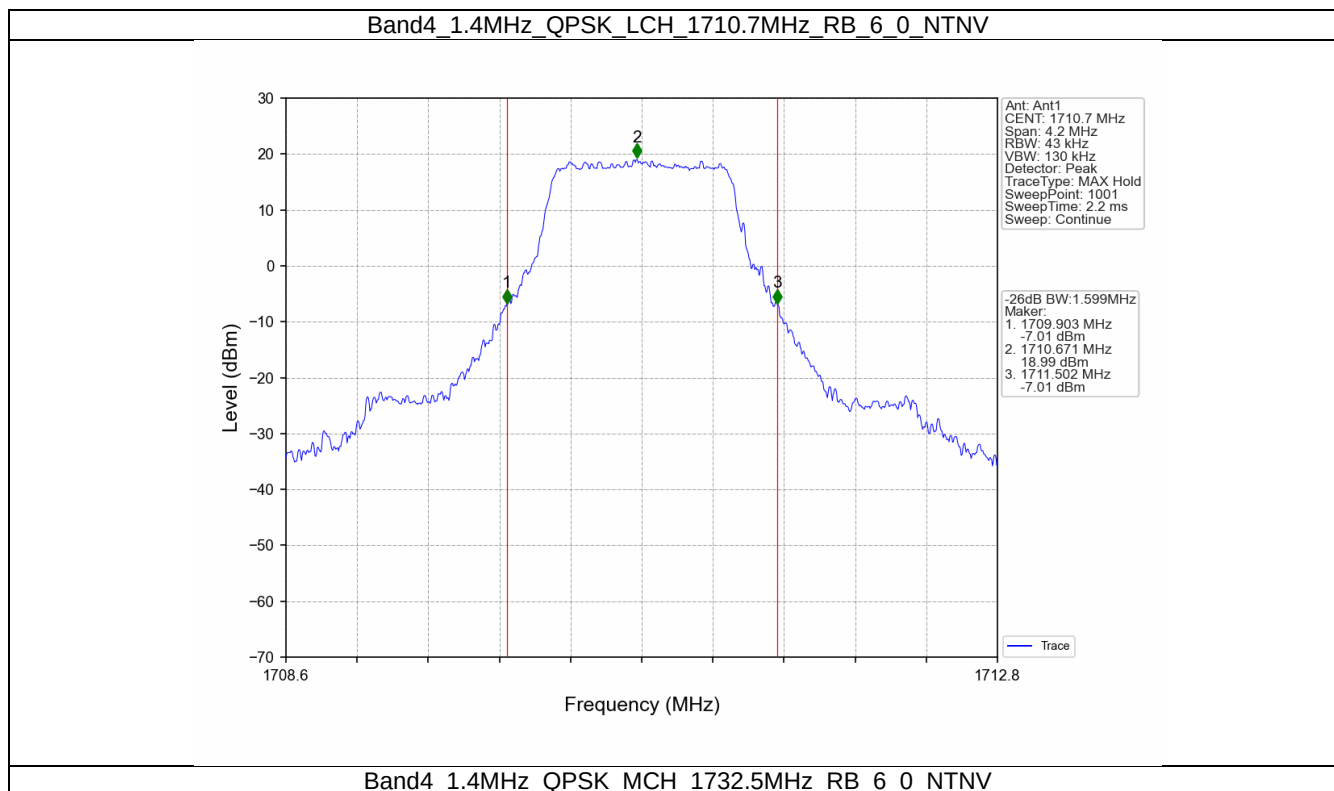
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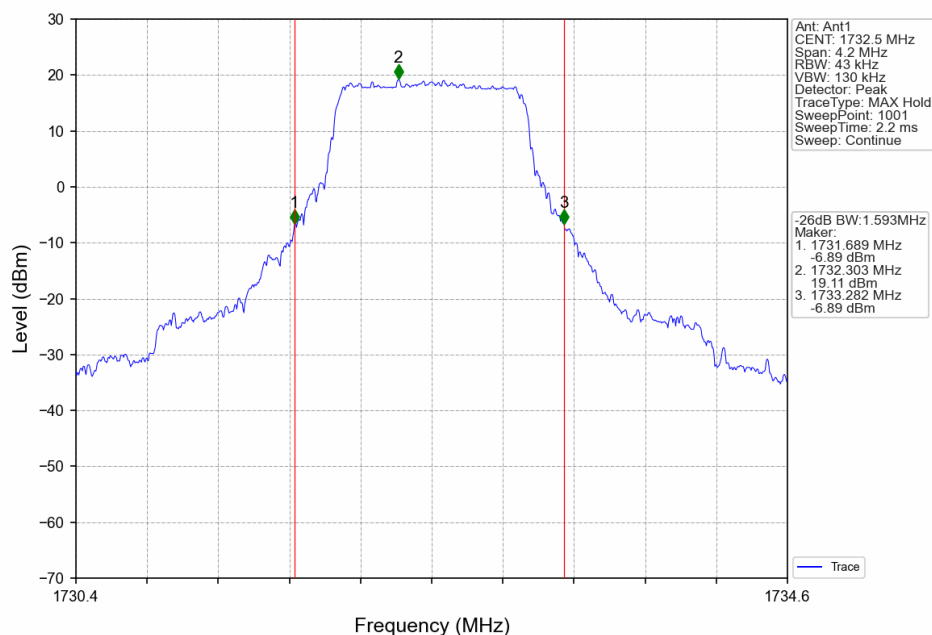
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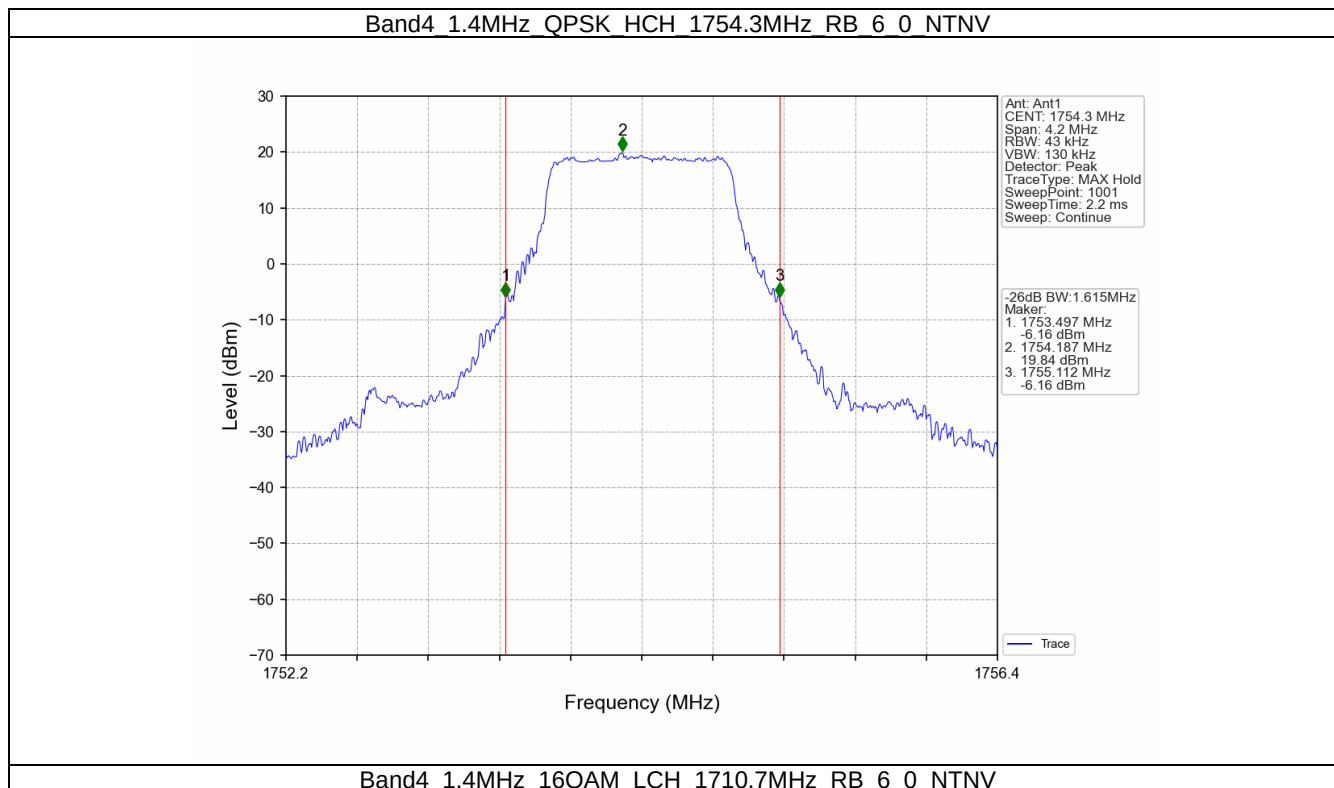
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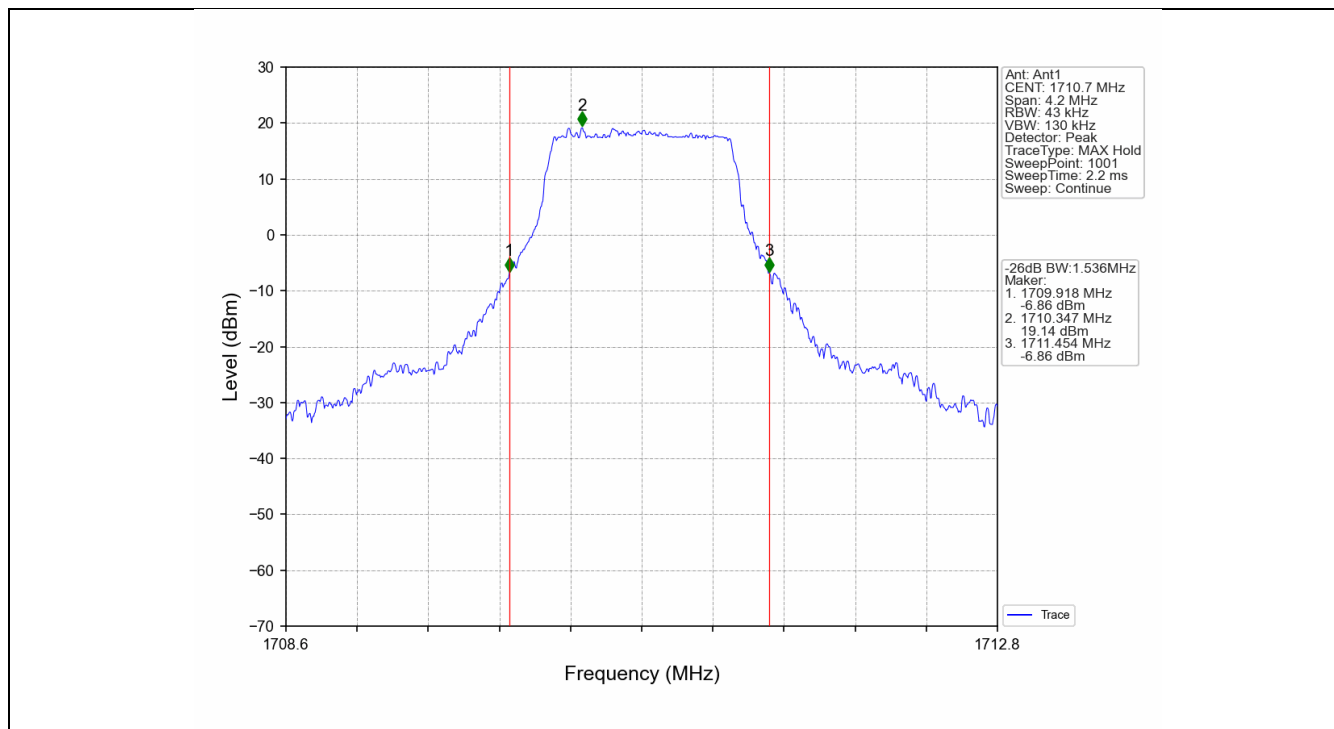
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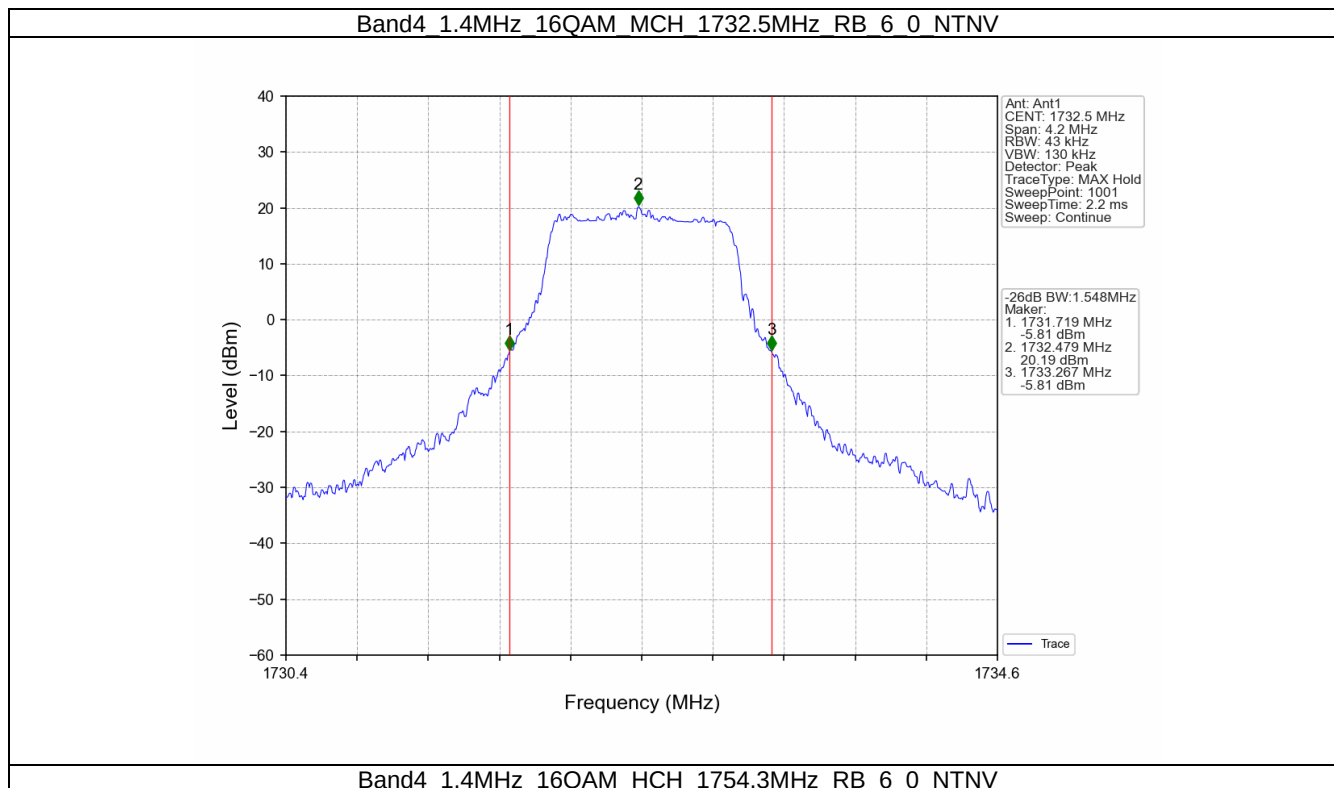
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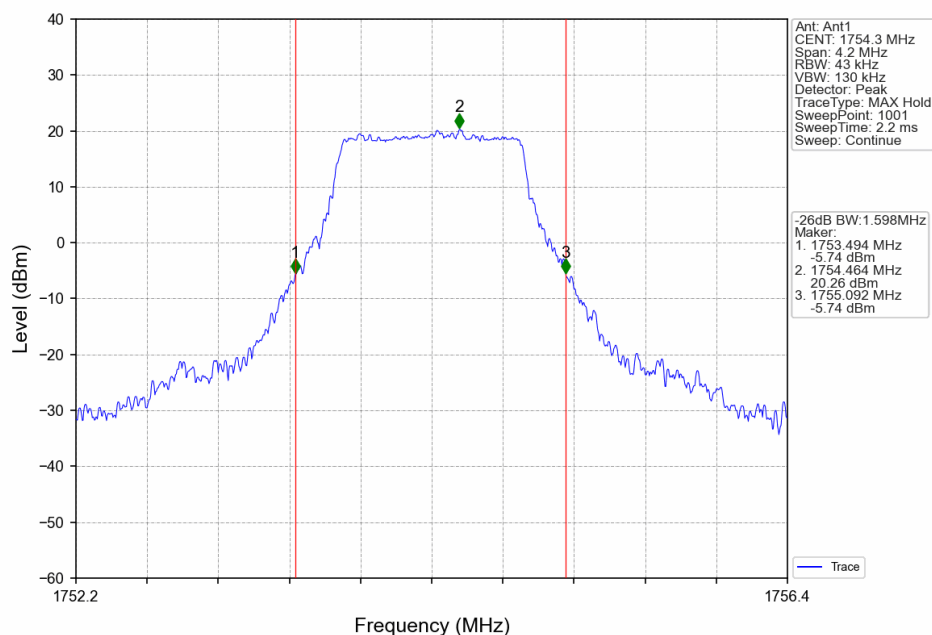


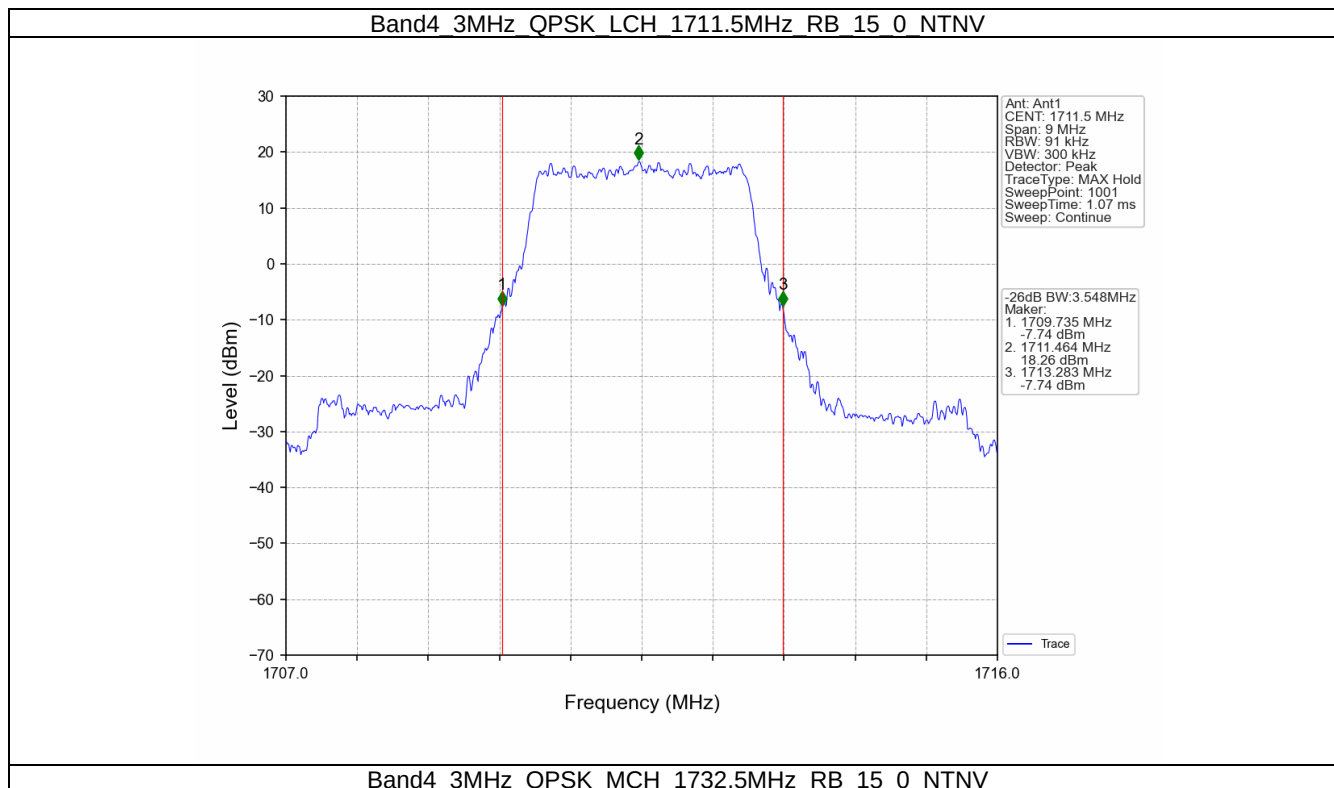


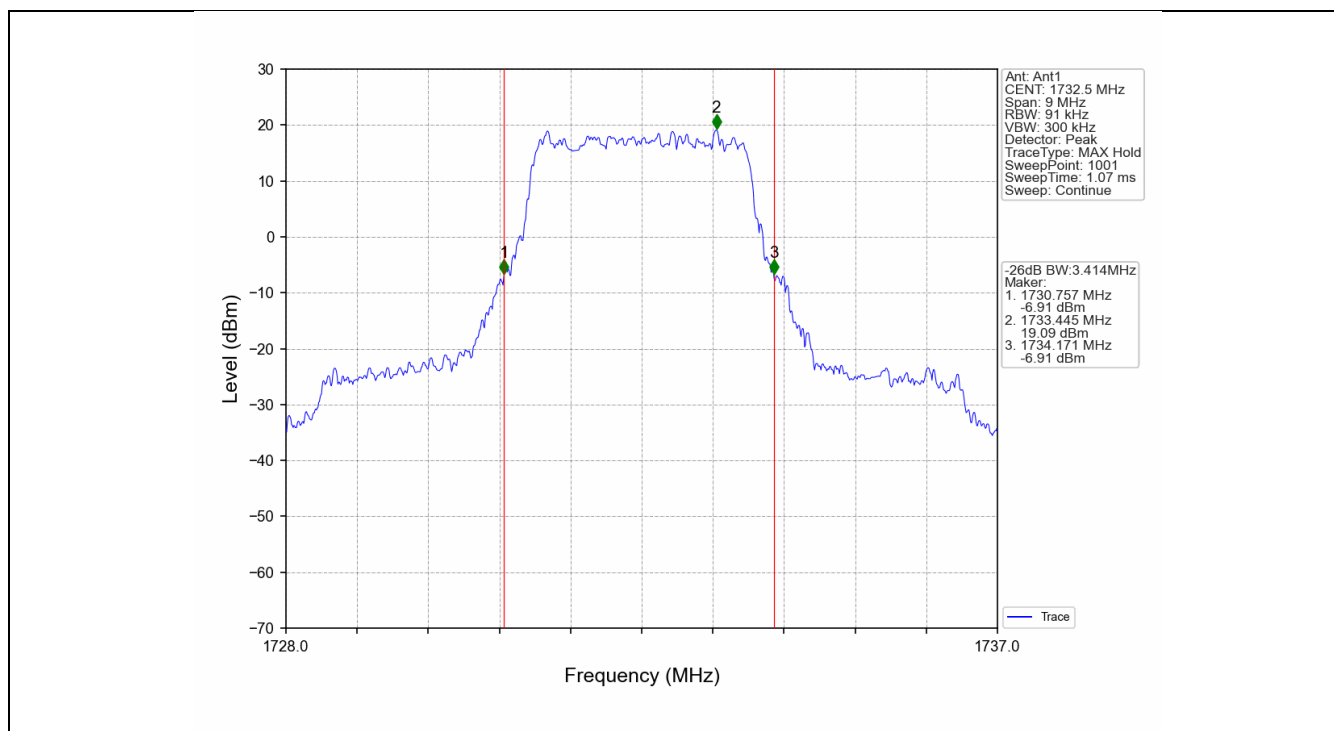


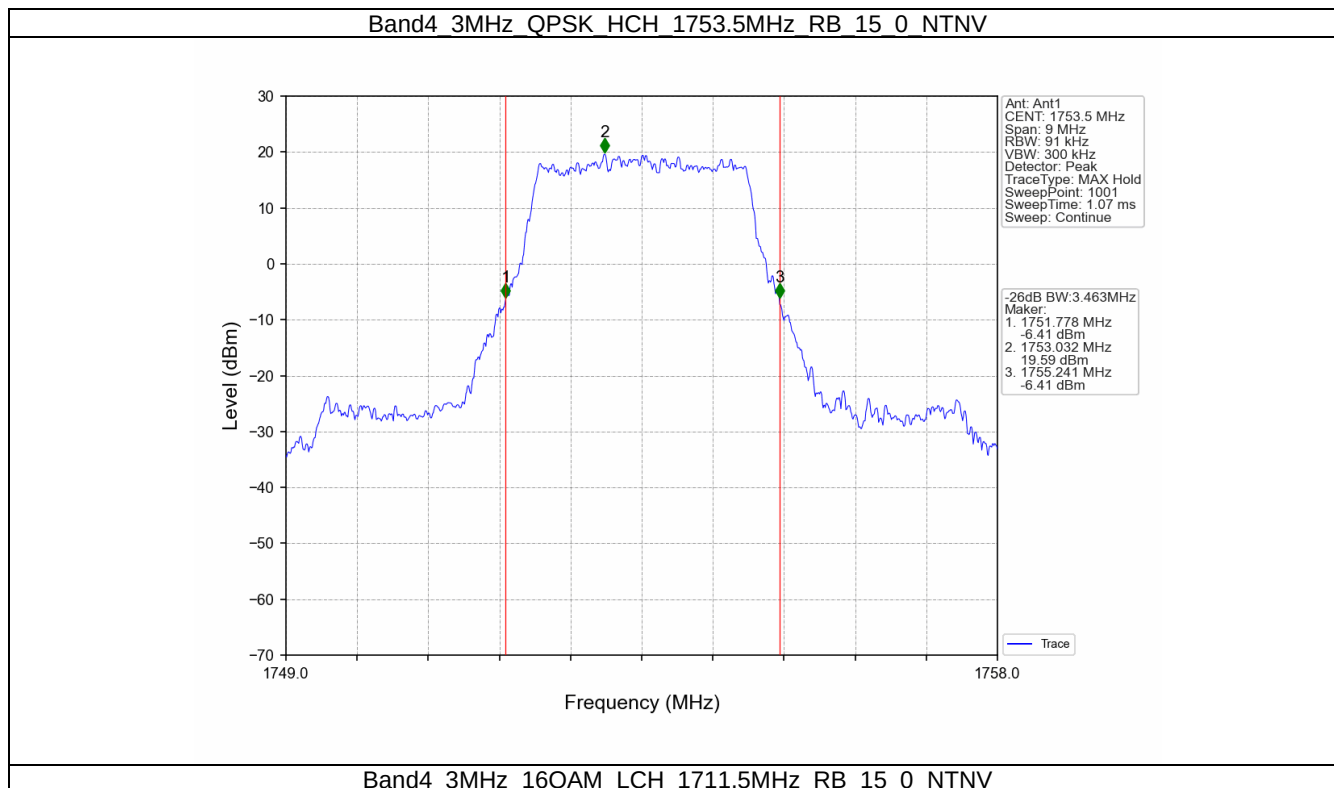






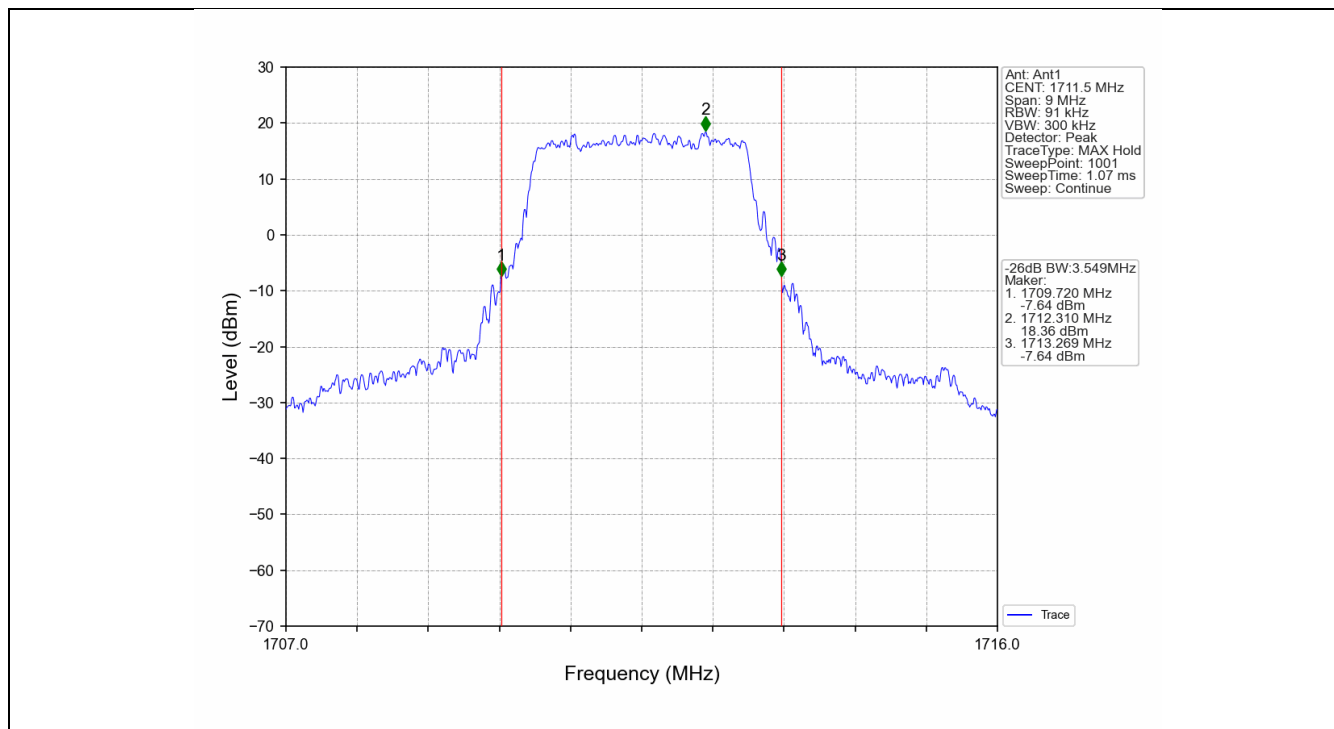


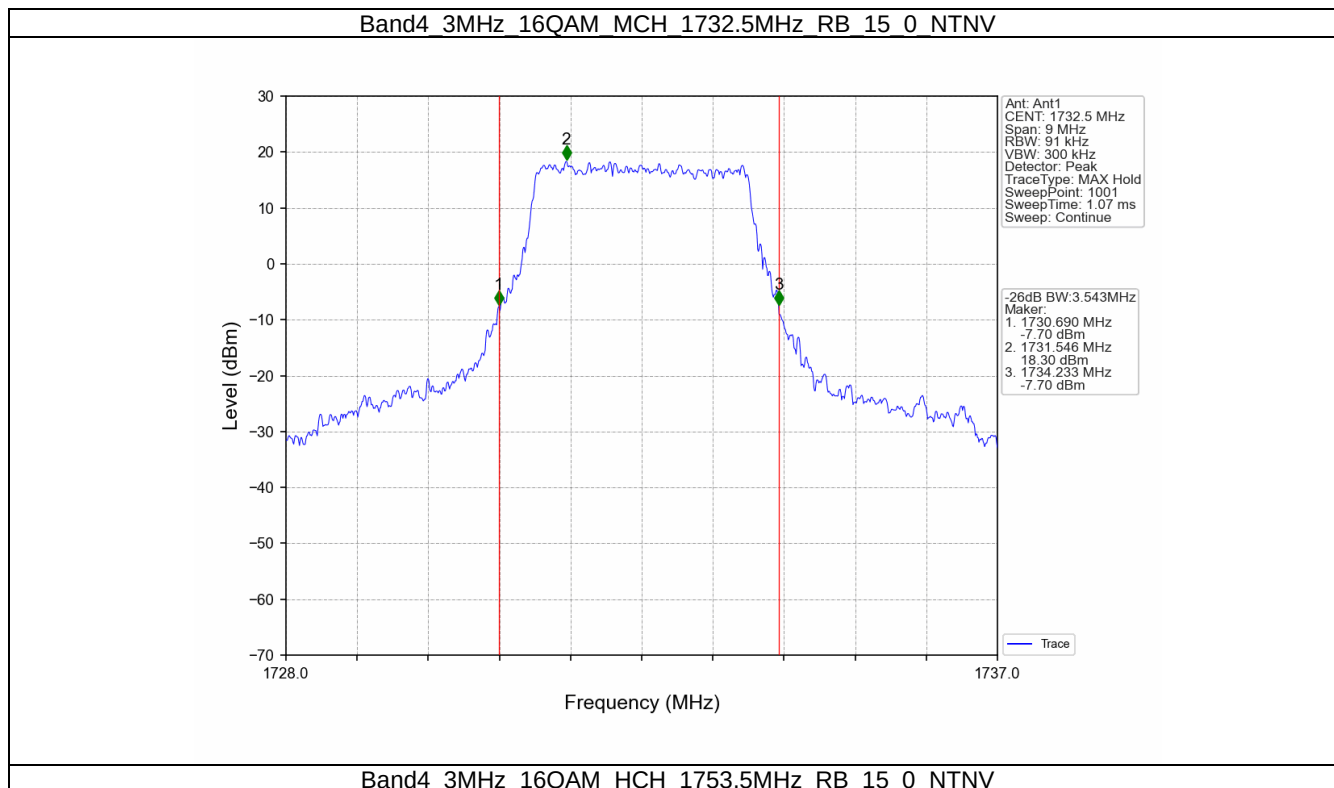


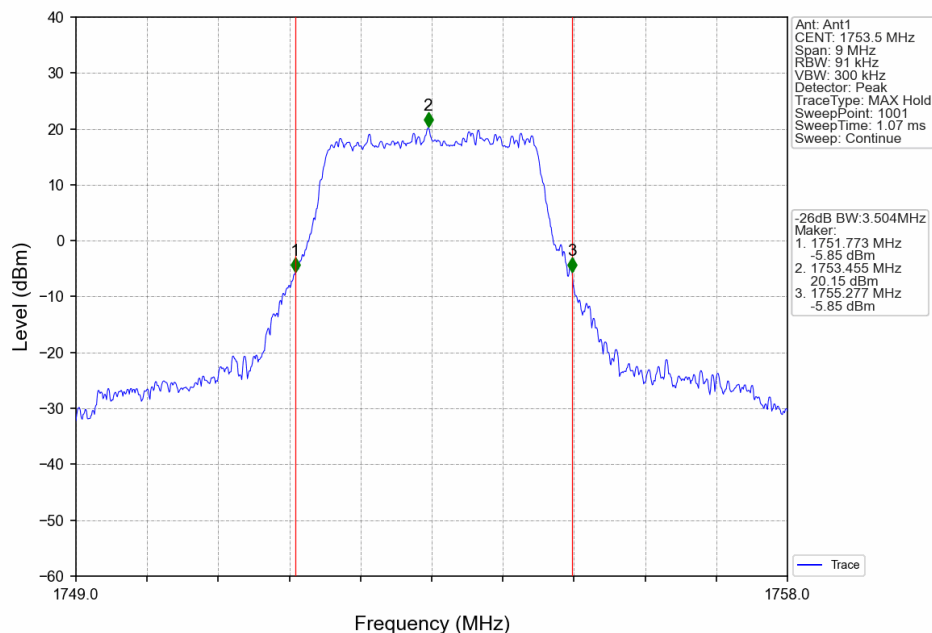


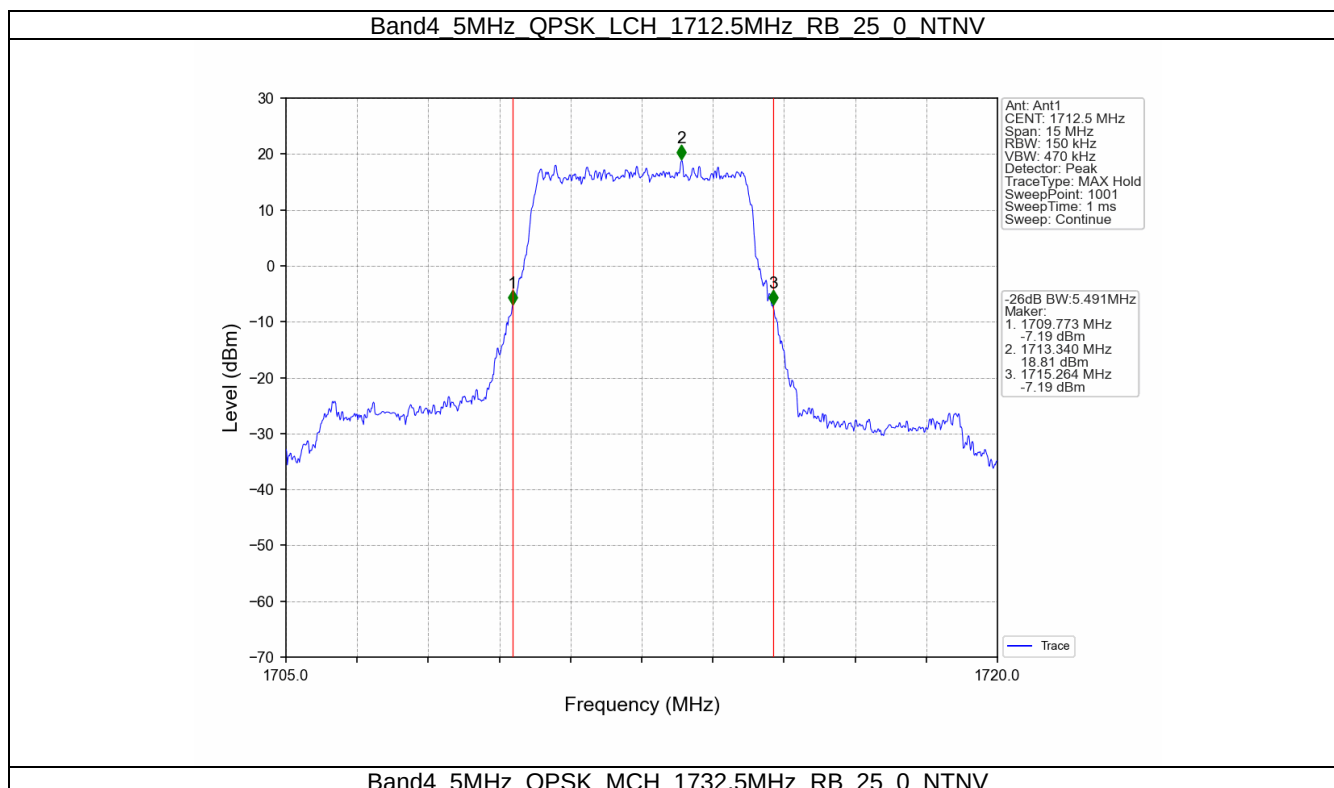
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV











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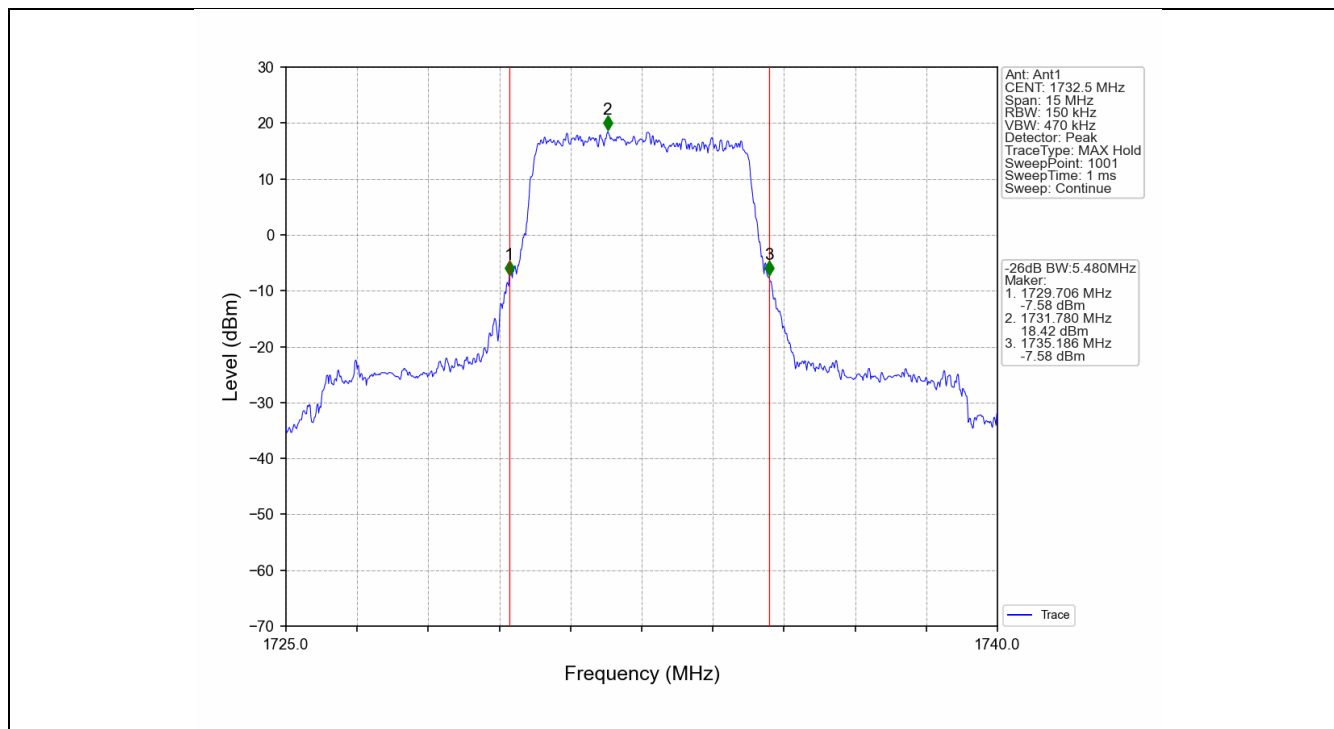


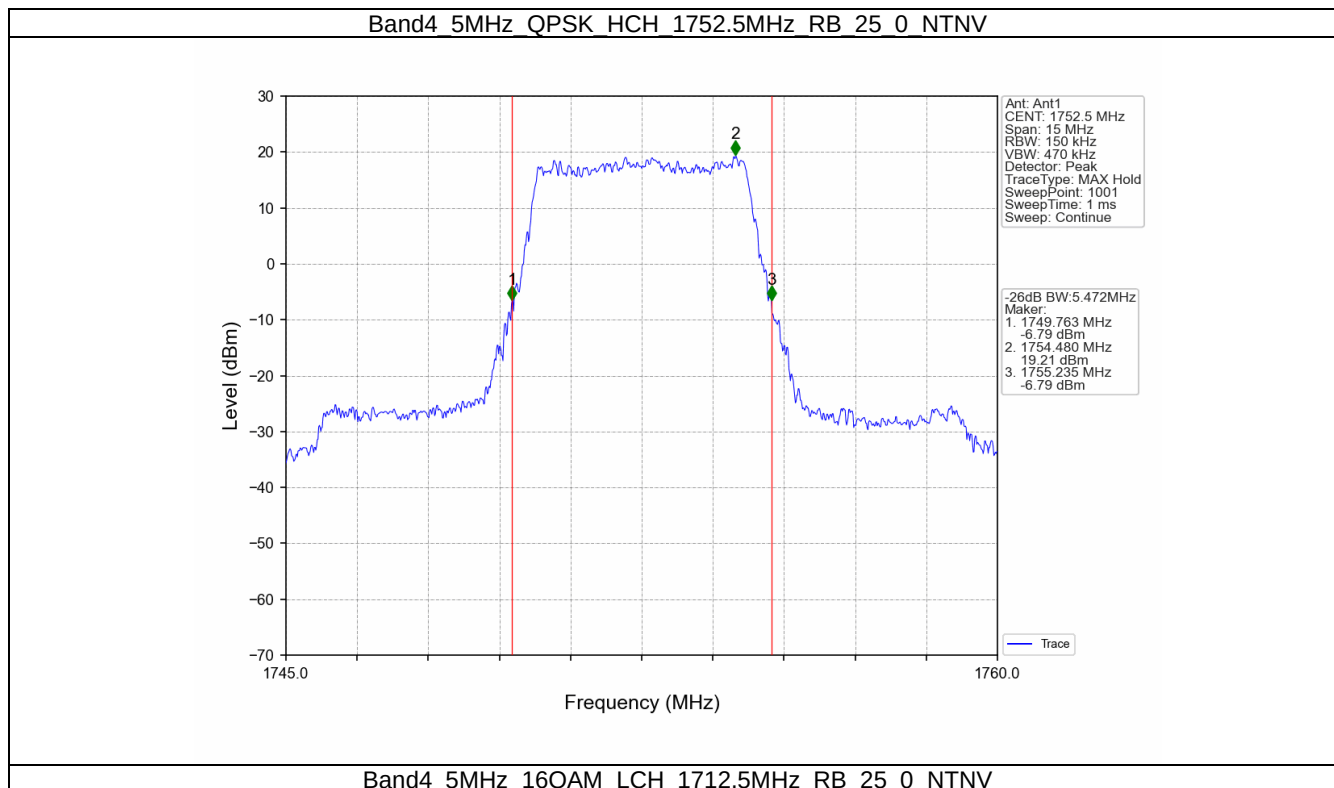
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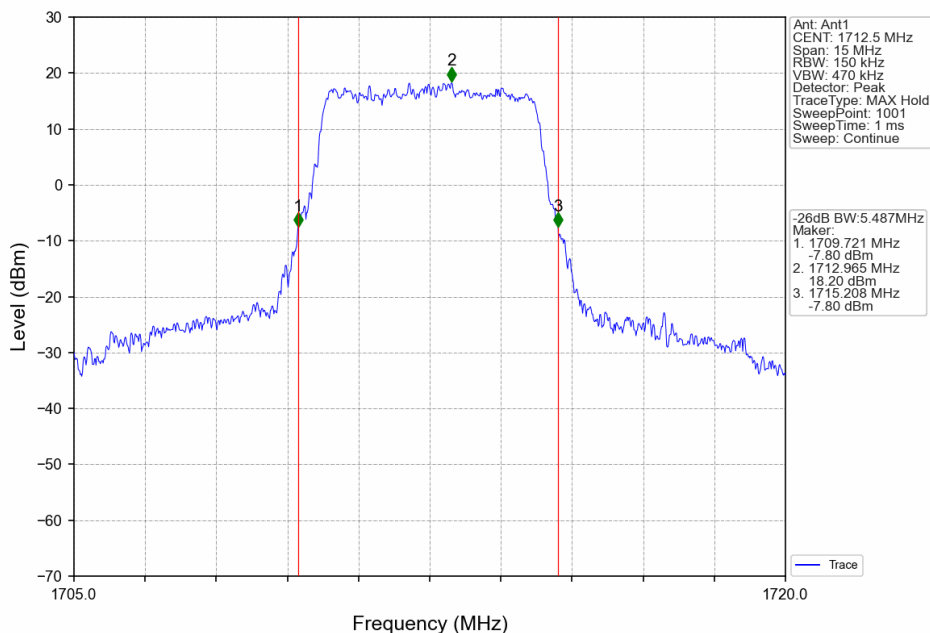
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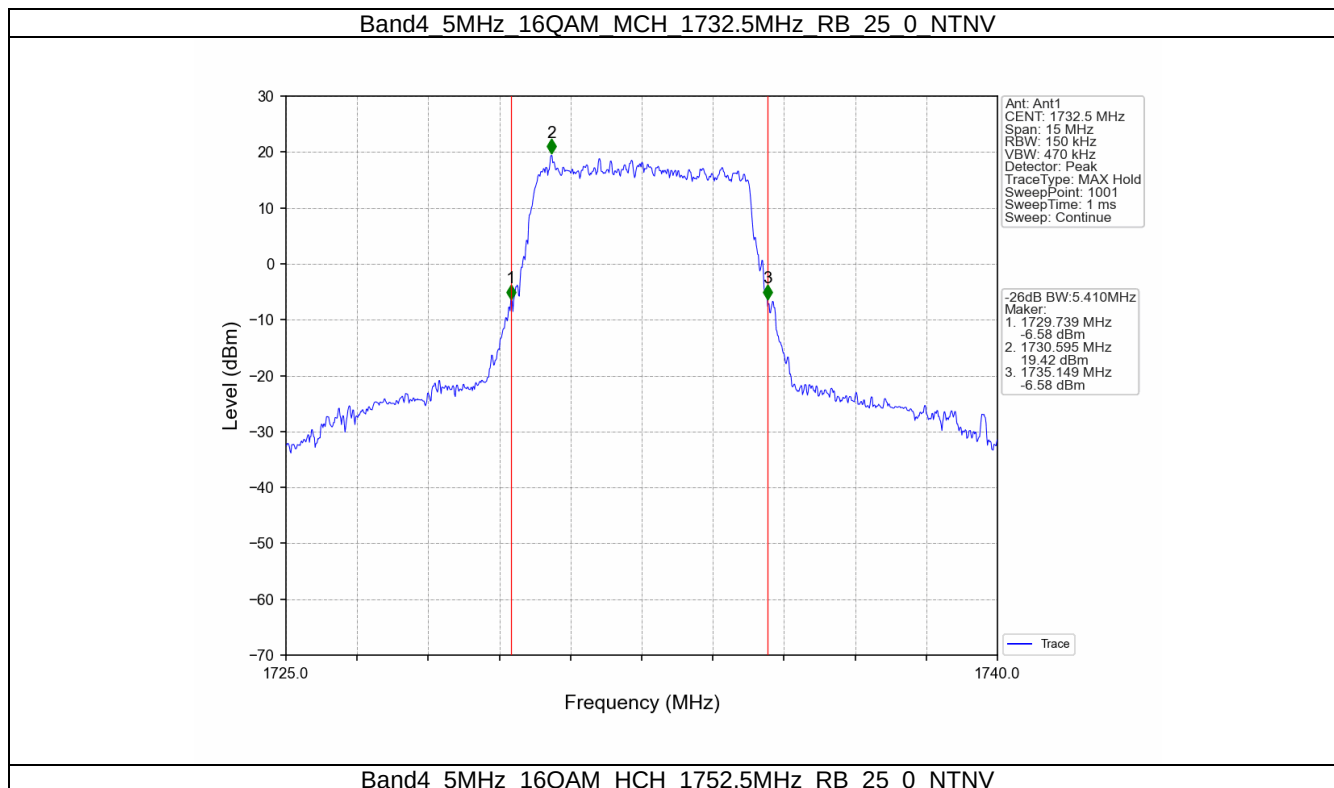
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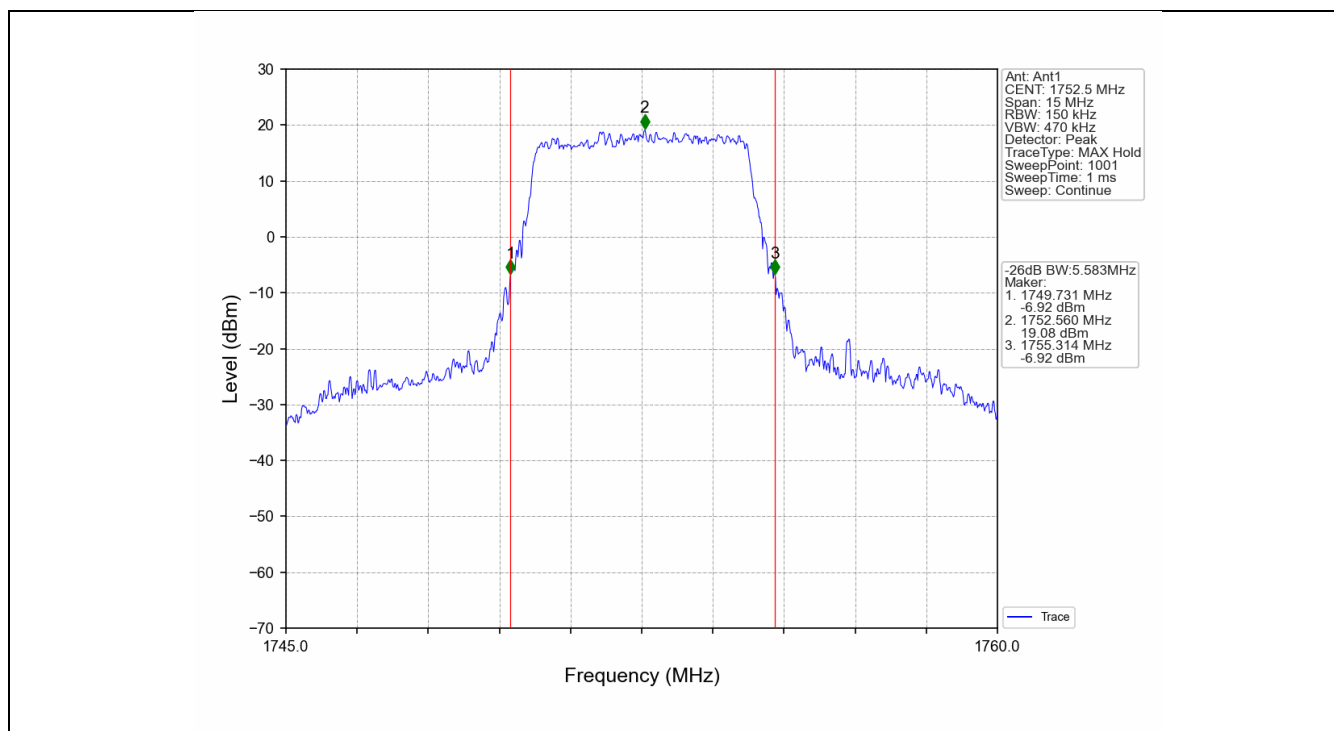
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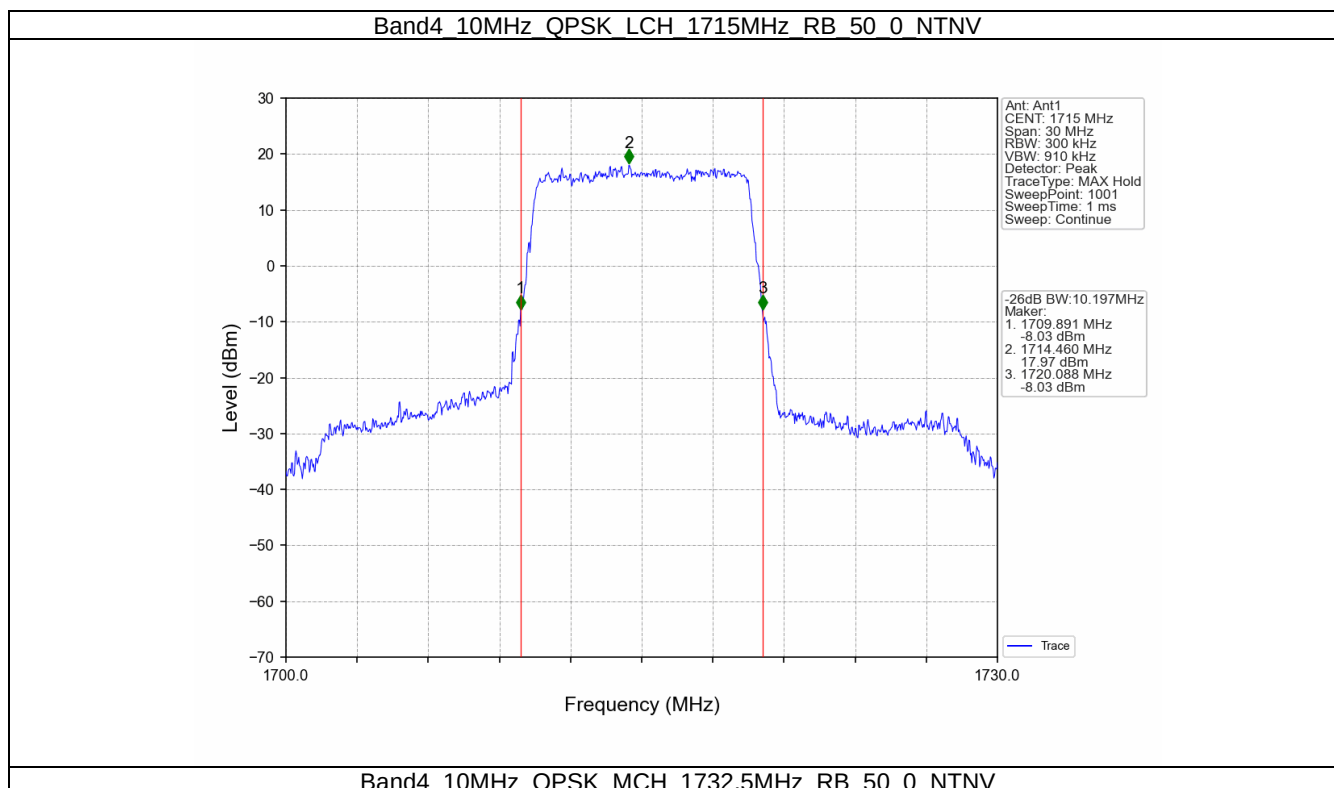


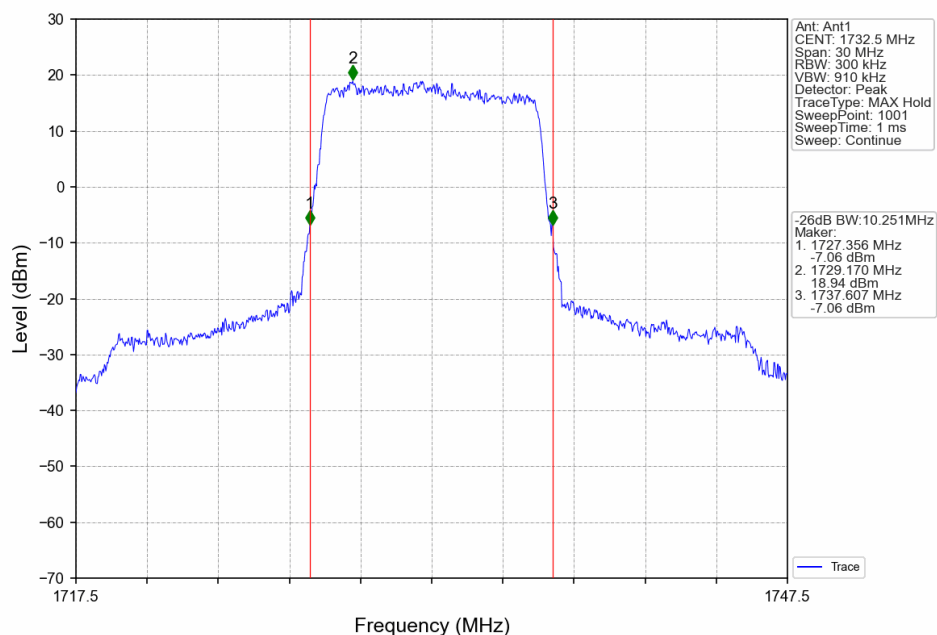


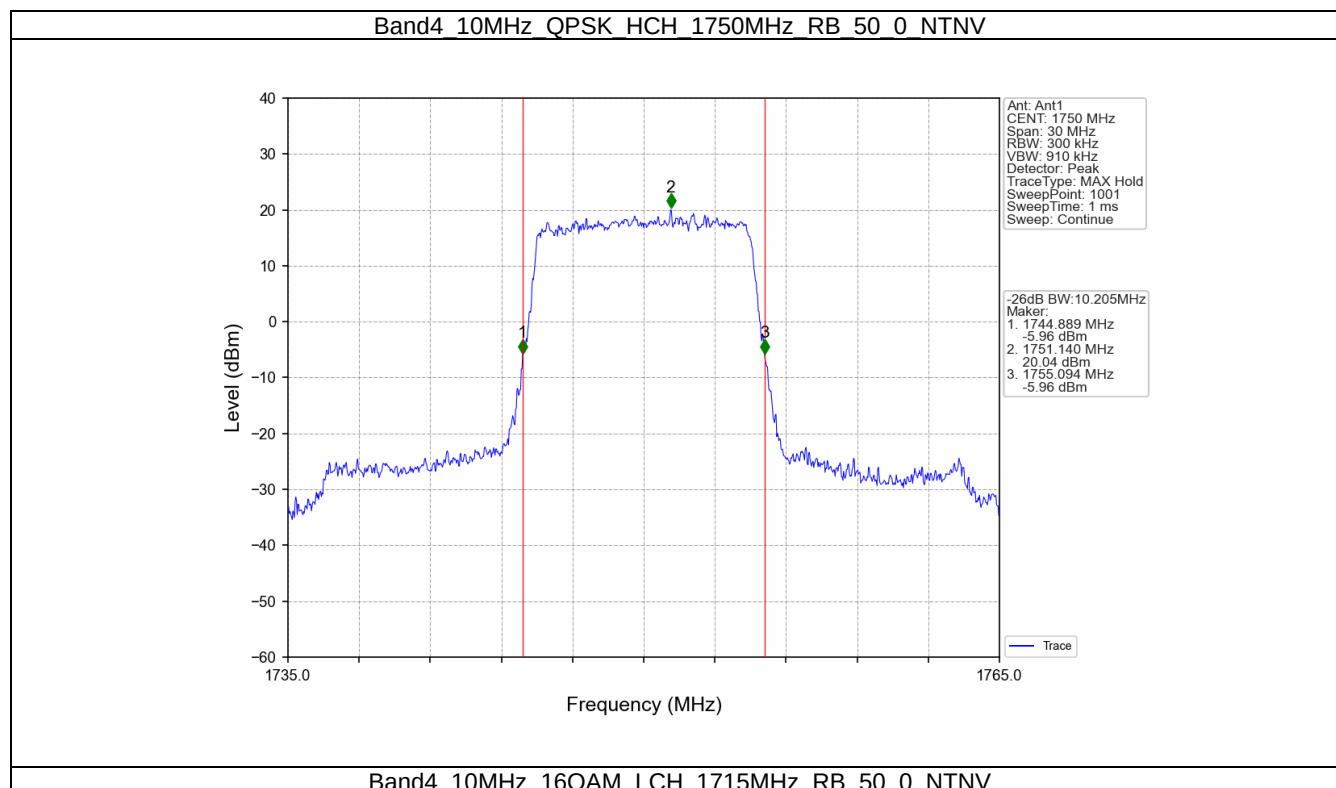


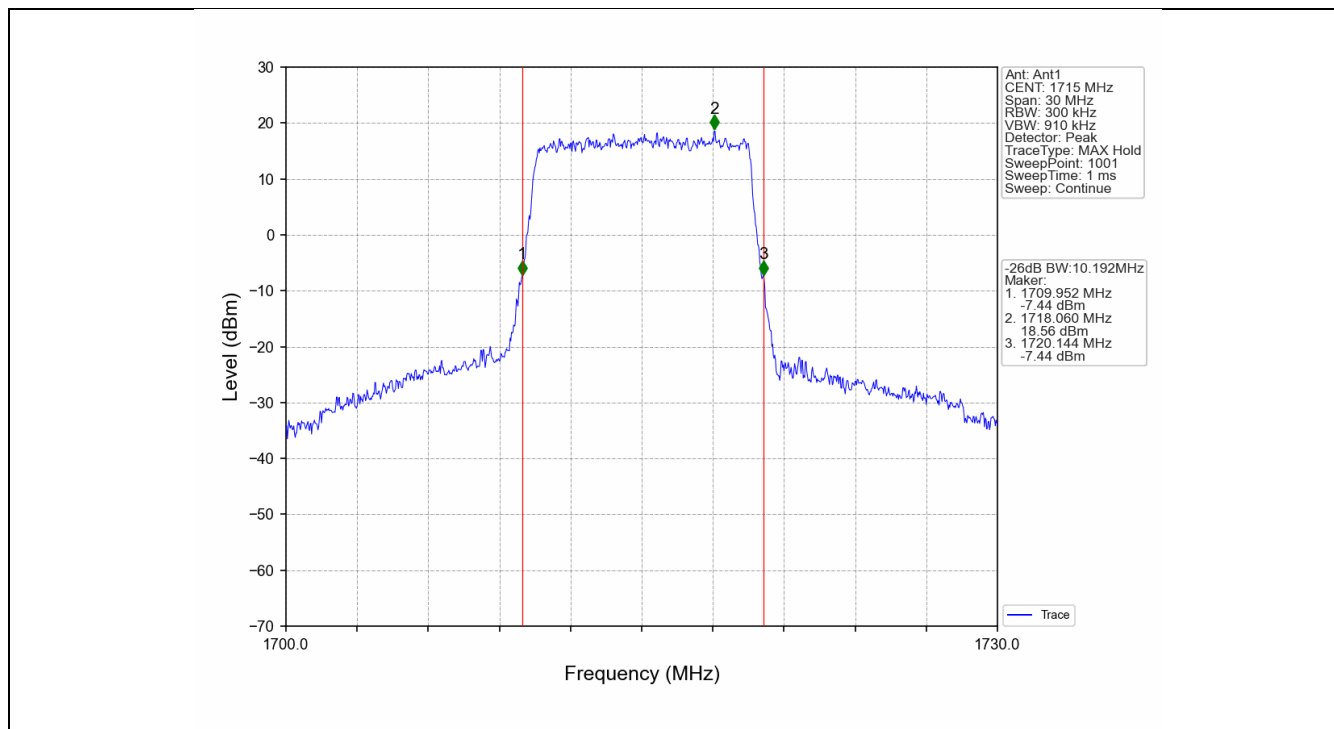


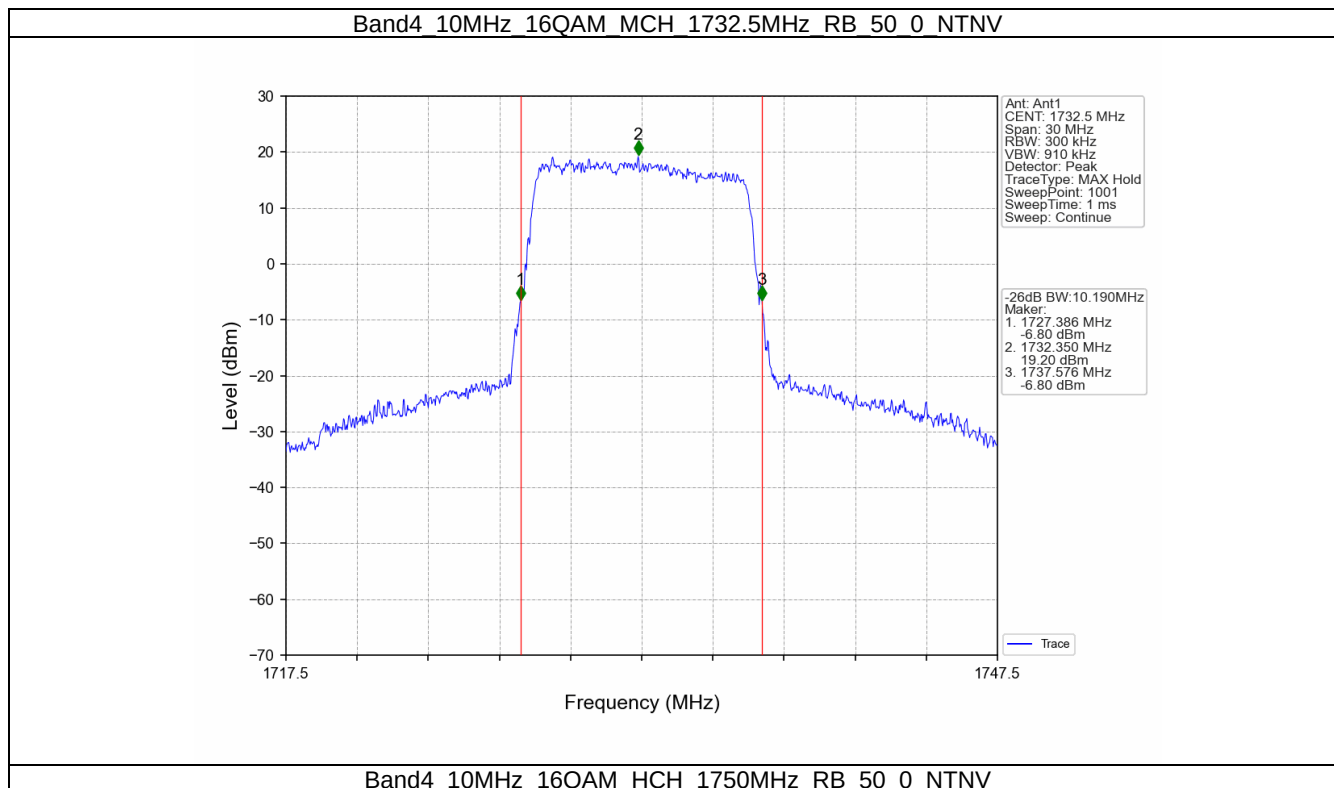












Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



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