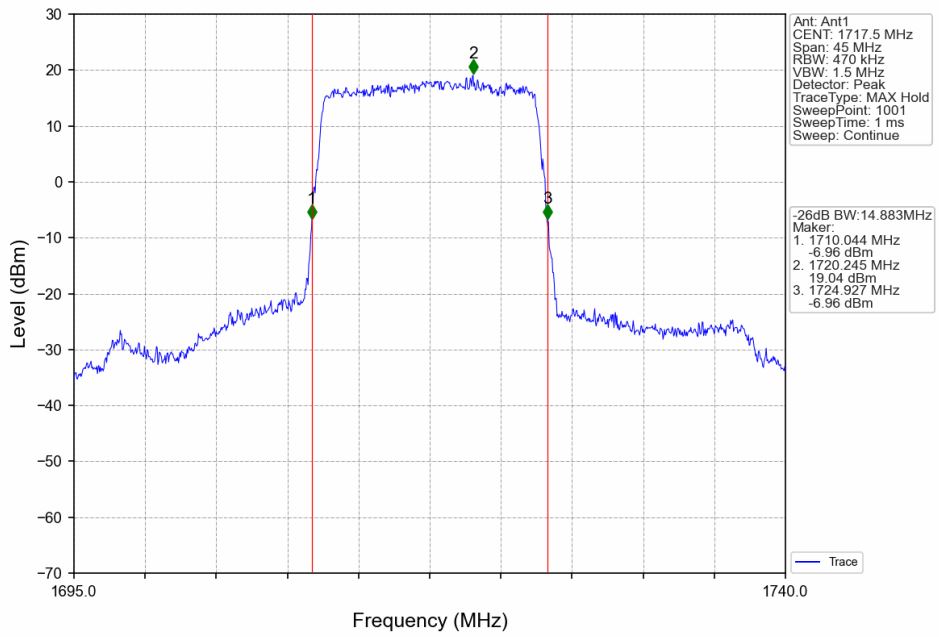
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

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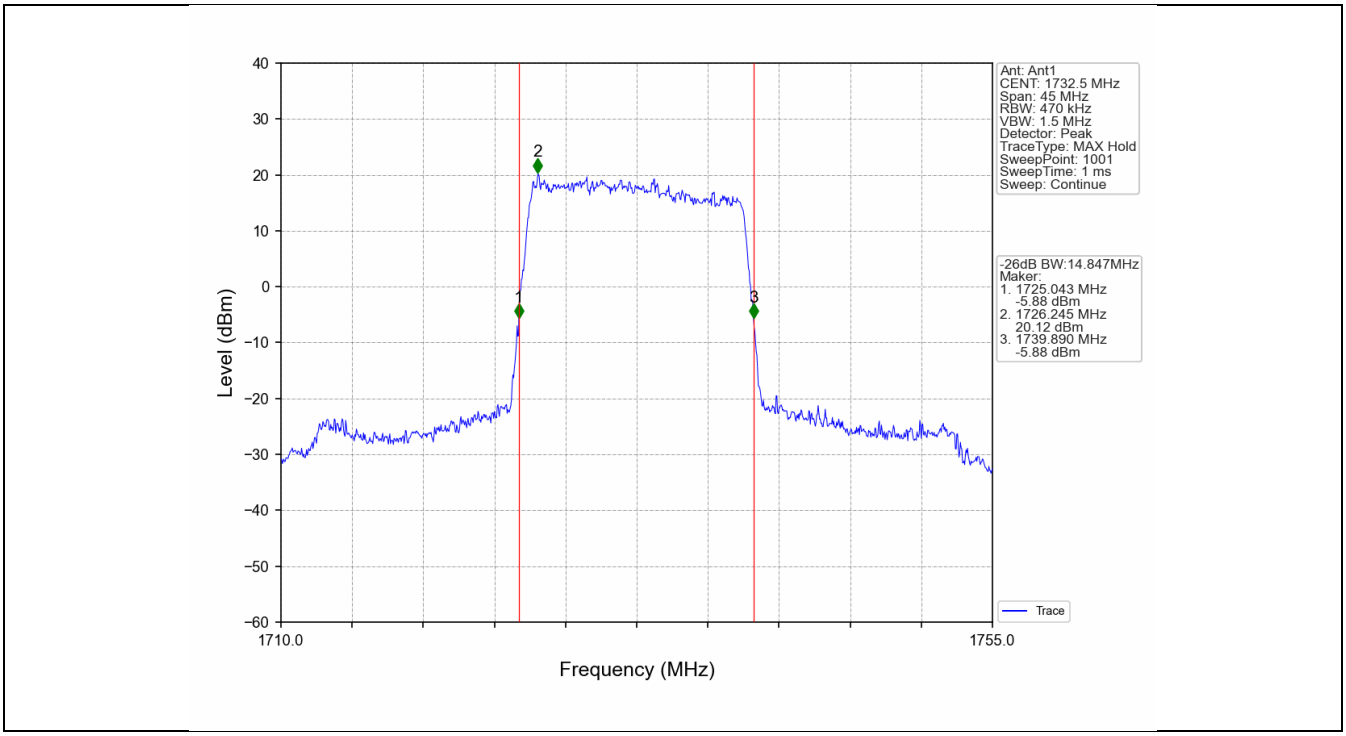

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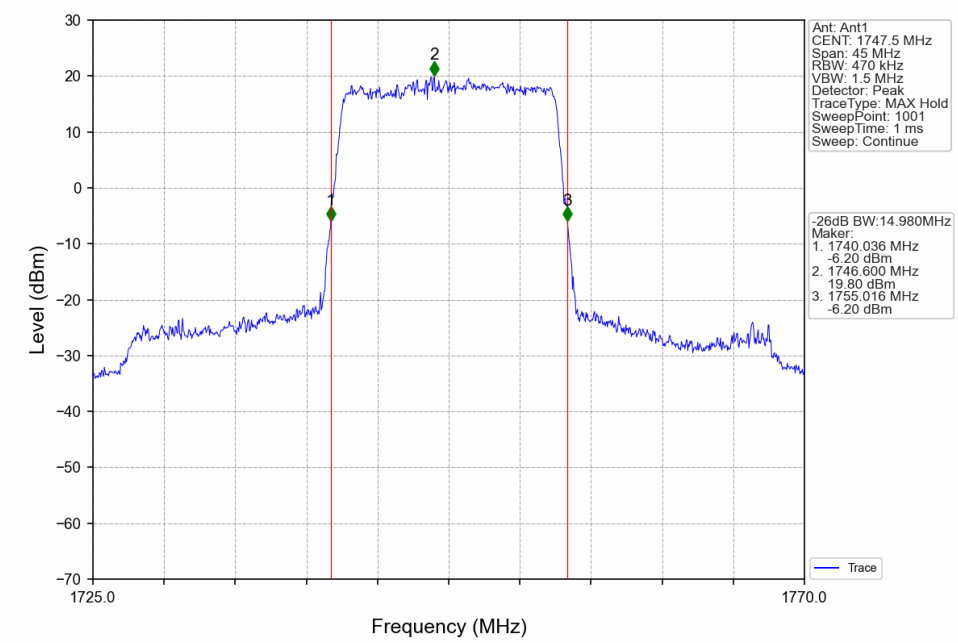
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

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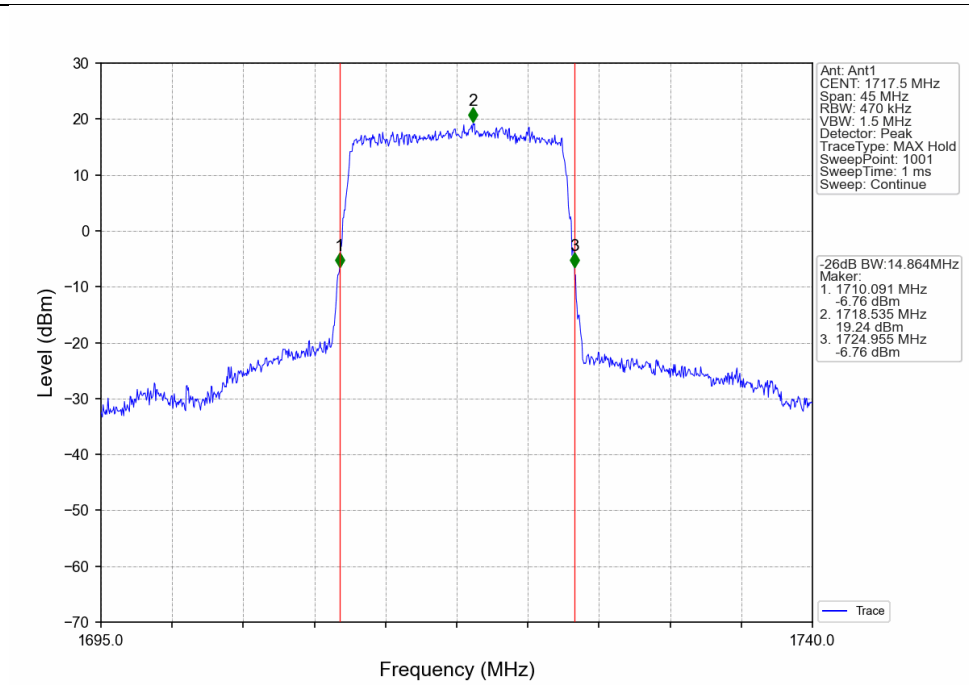

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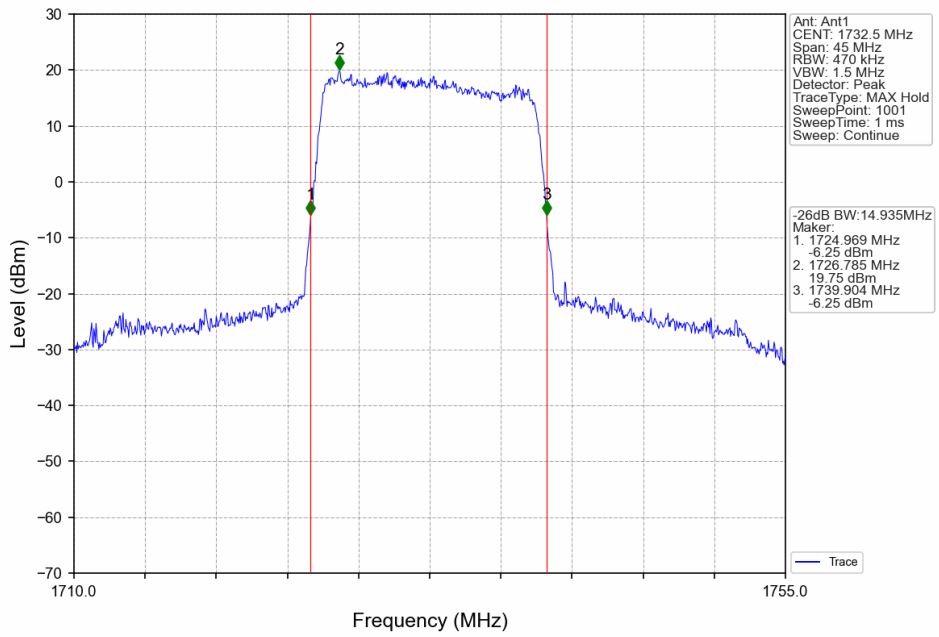
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

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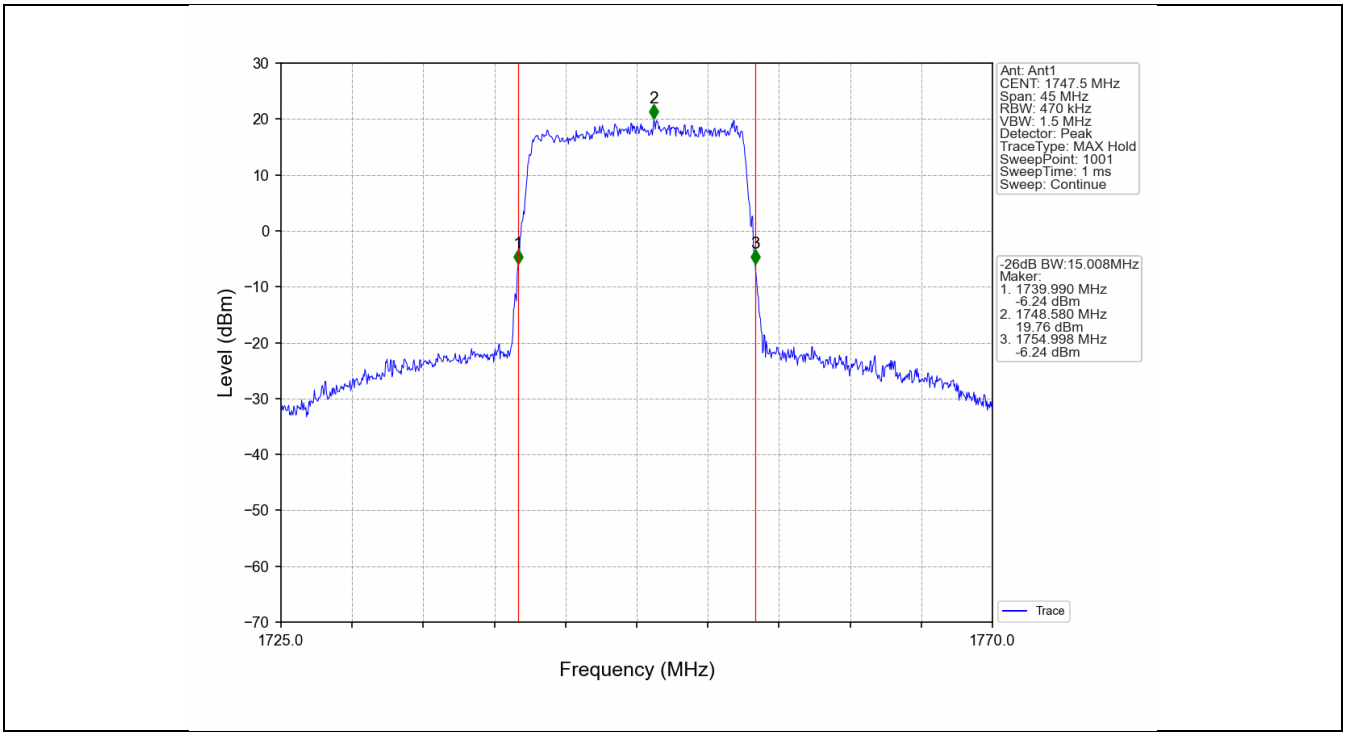

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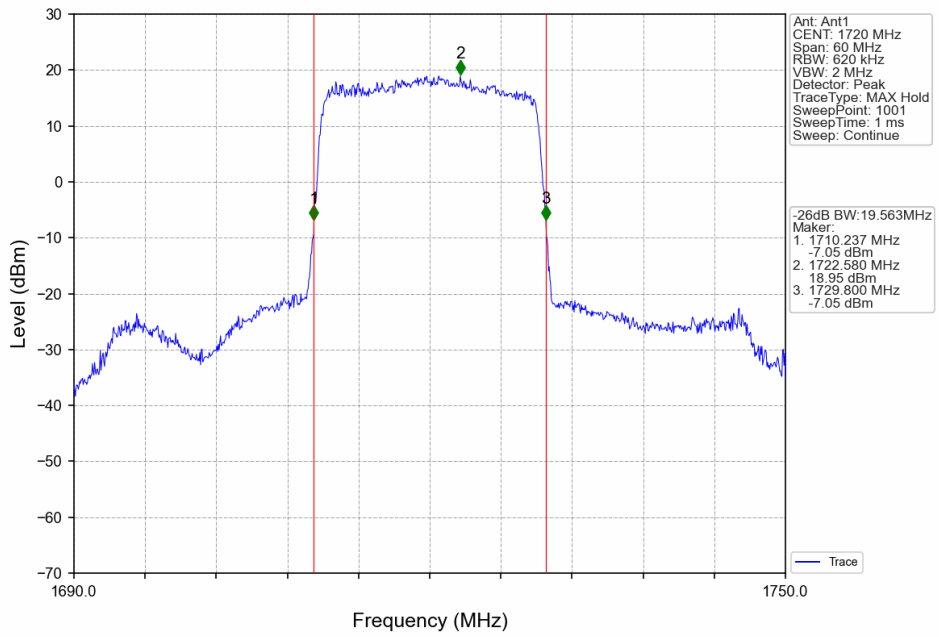
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

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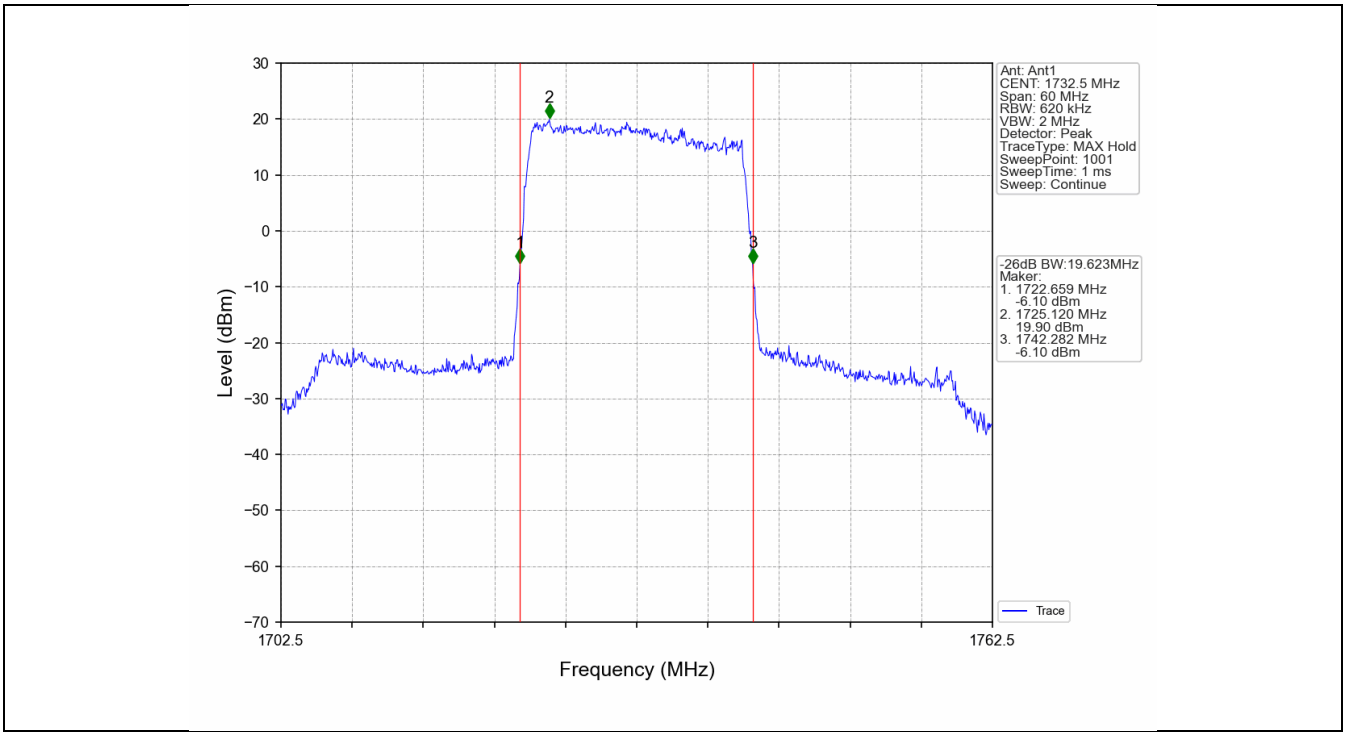

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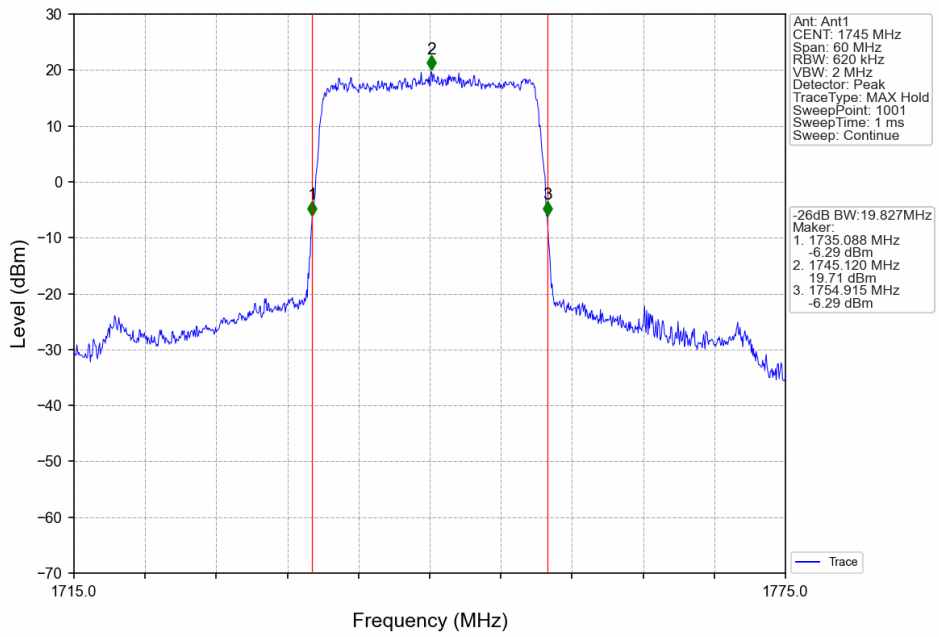
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

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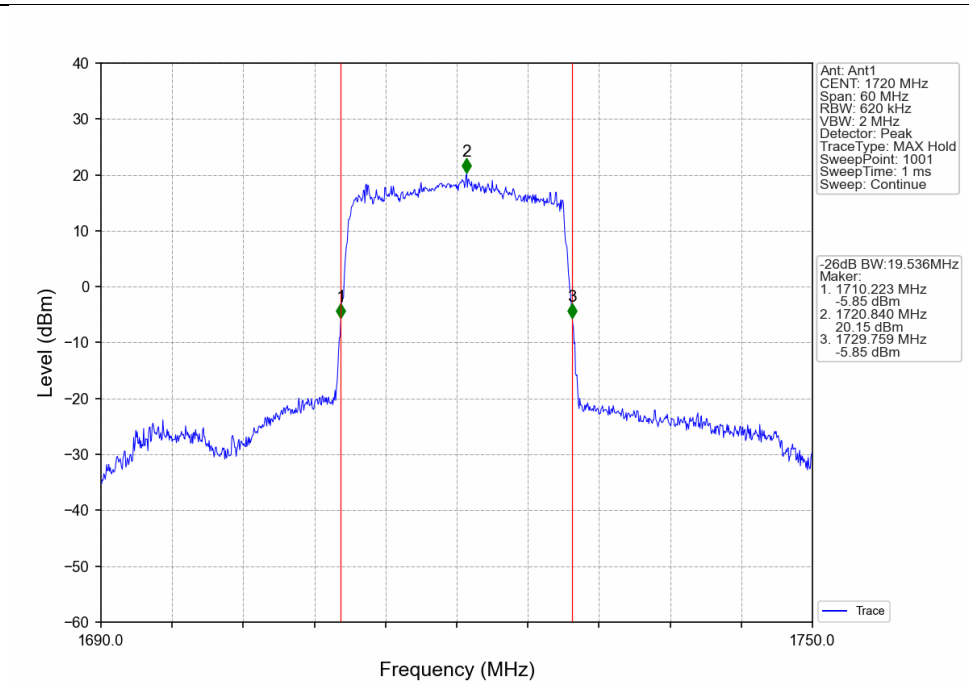

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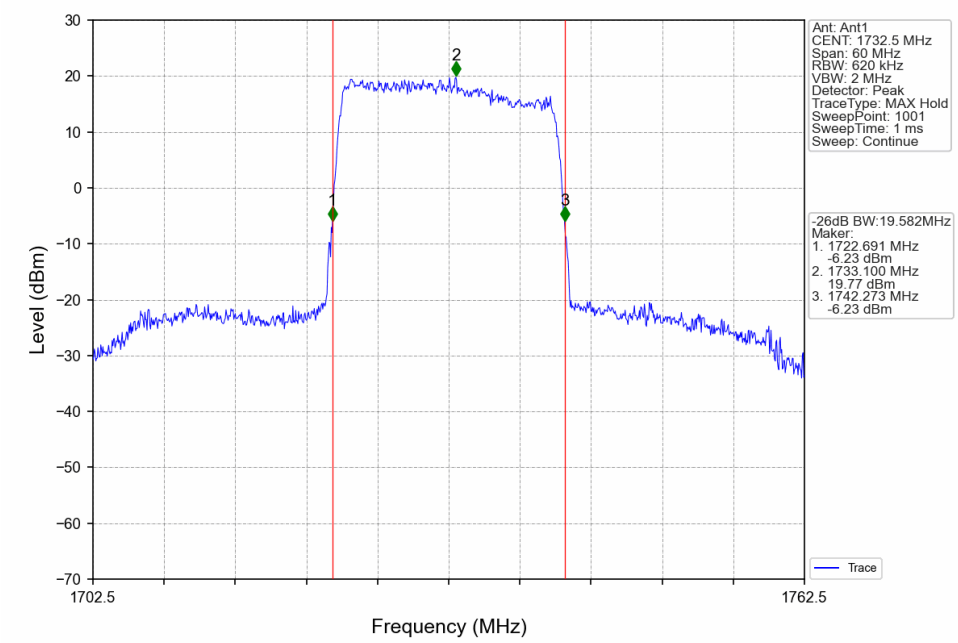
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

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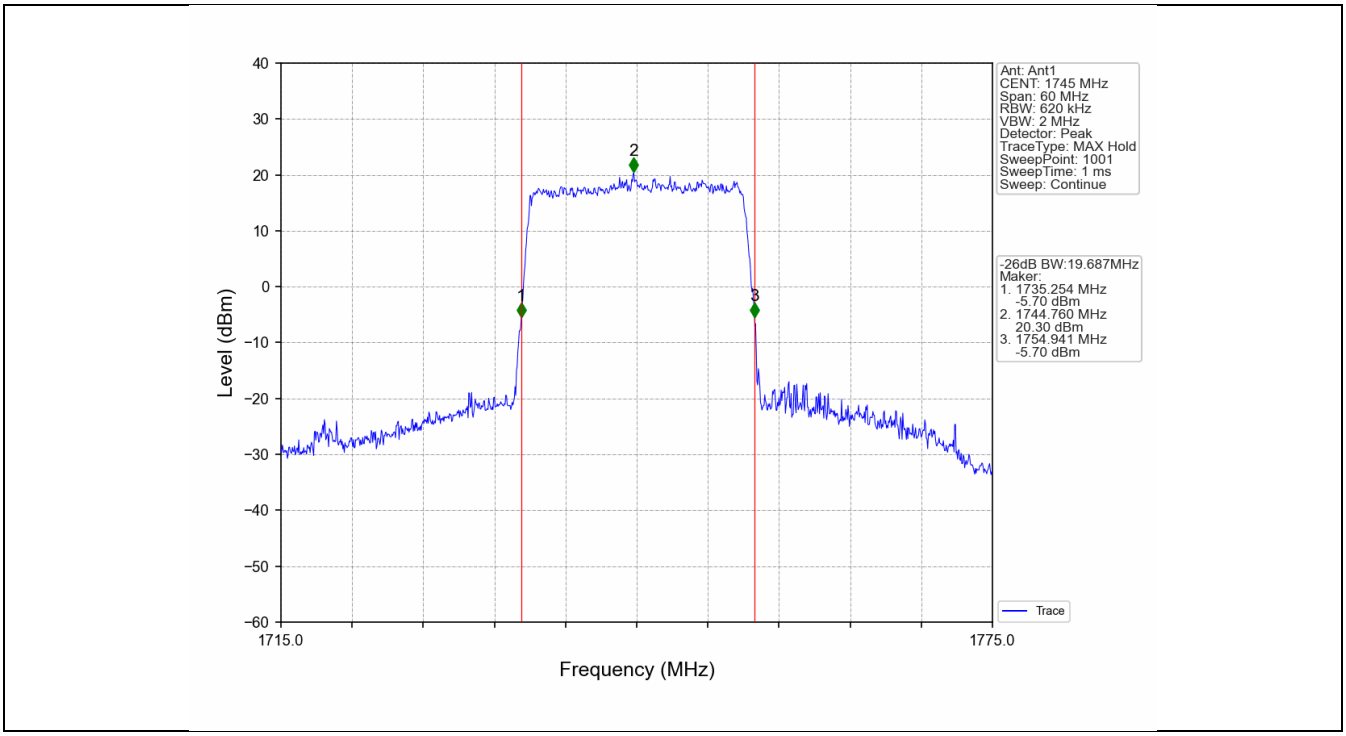

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5. 99% & 26dB Bandwidth

5.1 Band5_OBW

5.1.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.147	Pass
		836.5	6	0	1.133	Pass
		848.3	6	0	1.139	Pass
	16QAM	824.7	6	0	1.140	Pass
		836.5	6	0	1.150	Pass
		848.3	6	0	1.169	Pass
3	QPSK	825.5	15	0	2.777	Pass
		836.5	15	0	2.785	Pass
		847.5	15	0	2.785	Pass
	16QAM	825.5	15	0	2.767	Pass
		836.5	15	0	2.793	Pass
		847.5	15	0	2.823	Pass
5	QPSK	826.5	25	0	4.636	Pass
		836.5	25	0	4.574	Pass
		846.5	25	0	4.602	Pass
	16QAM	826.5	25	0	4.609	Pass
		836.5	25	0	4.645	Pass
		846.5	25	0	4.610	Pass
10	QPSK	829	50	0	9.083	Pass
		836.5	50	0	9.075	Pass
		844	50	0	9.043	Pass
	16QAM	829	50	0	9.076	Pass
		836.5	50	0	9.092	Pass
		844	50	0	9.066	Pass

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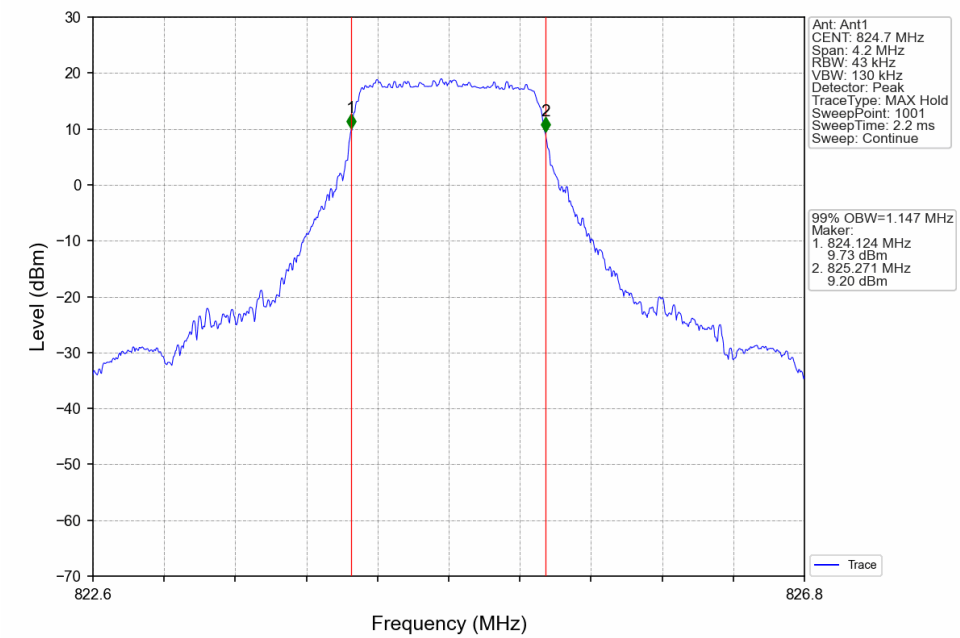
5.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

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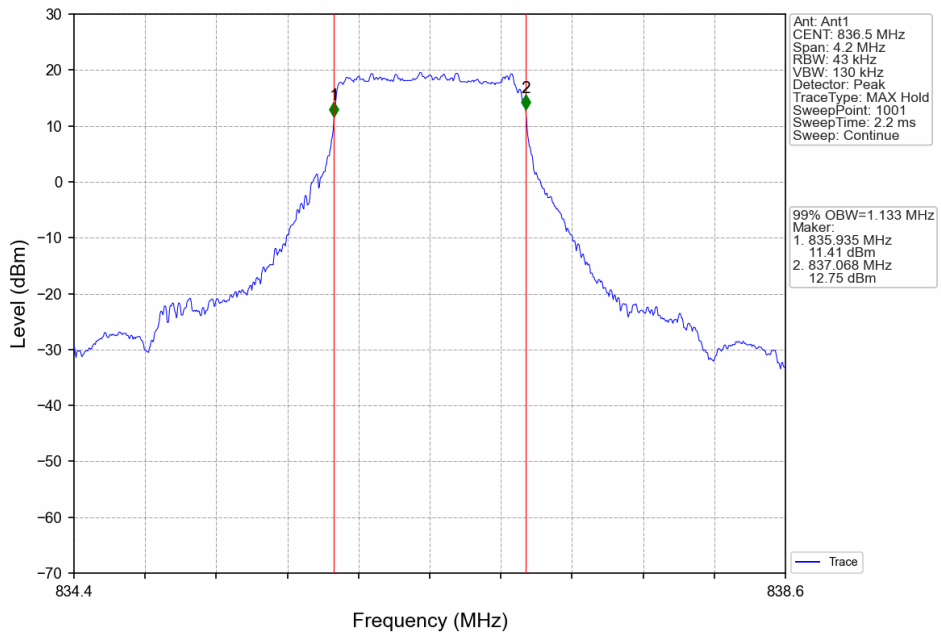

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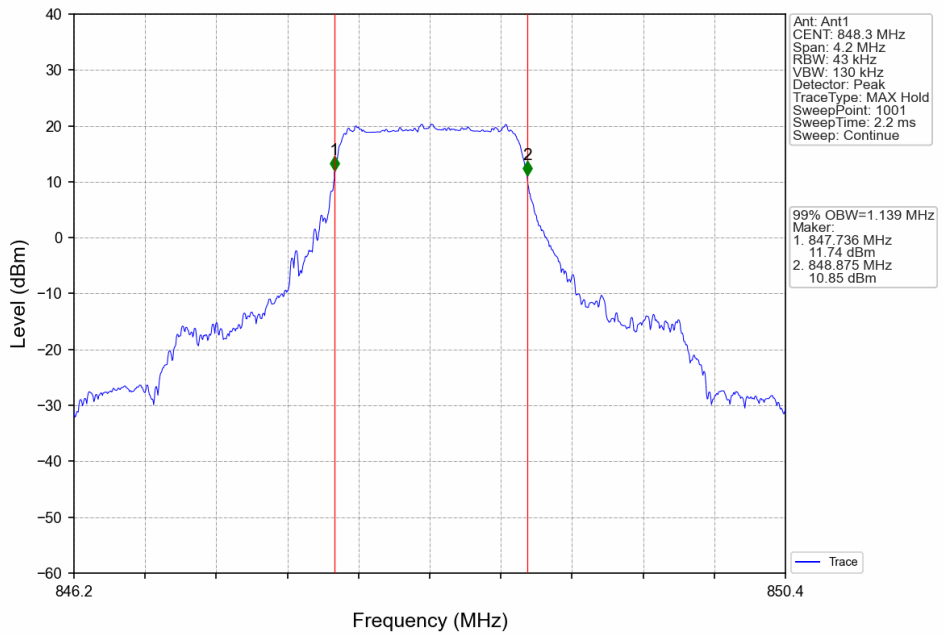
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

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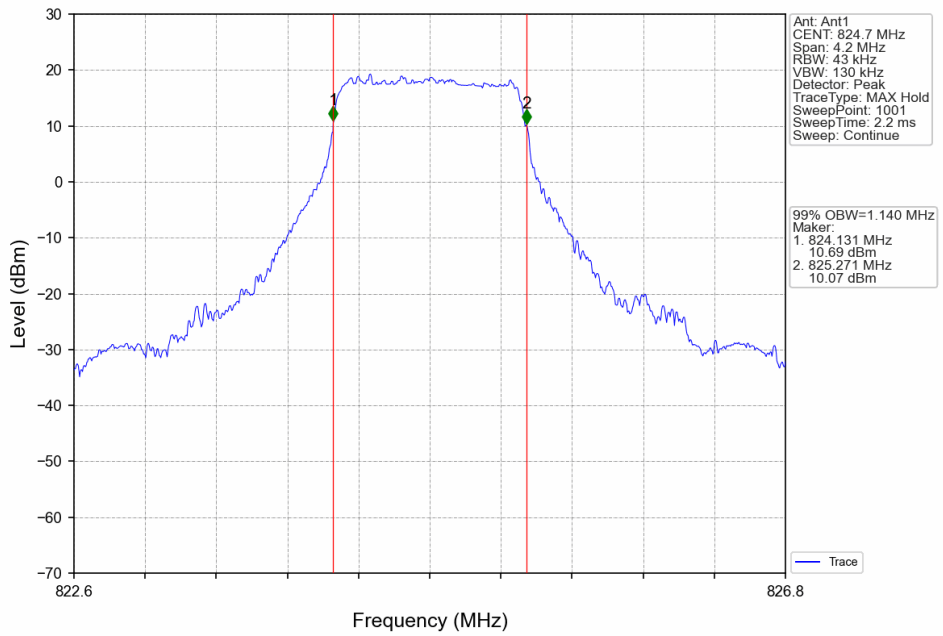

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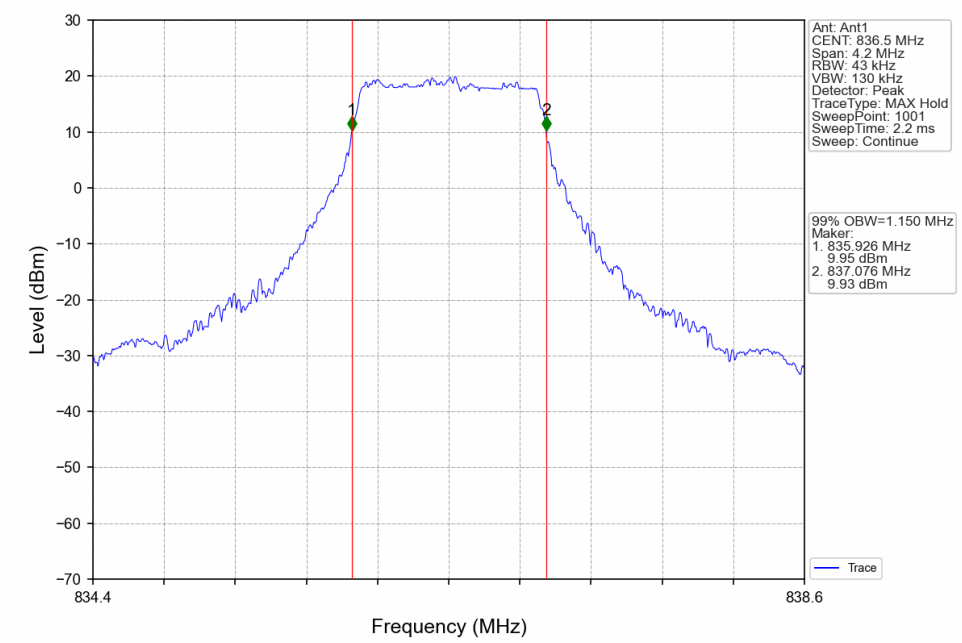
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

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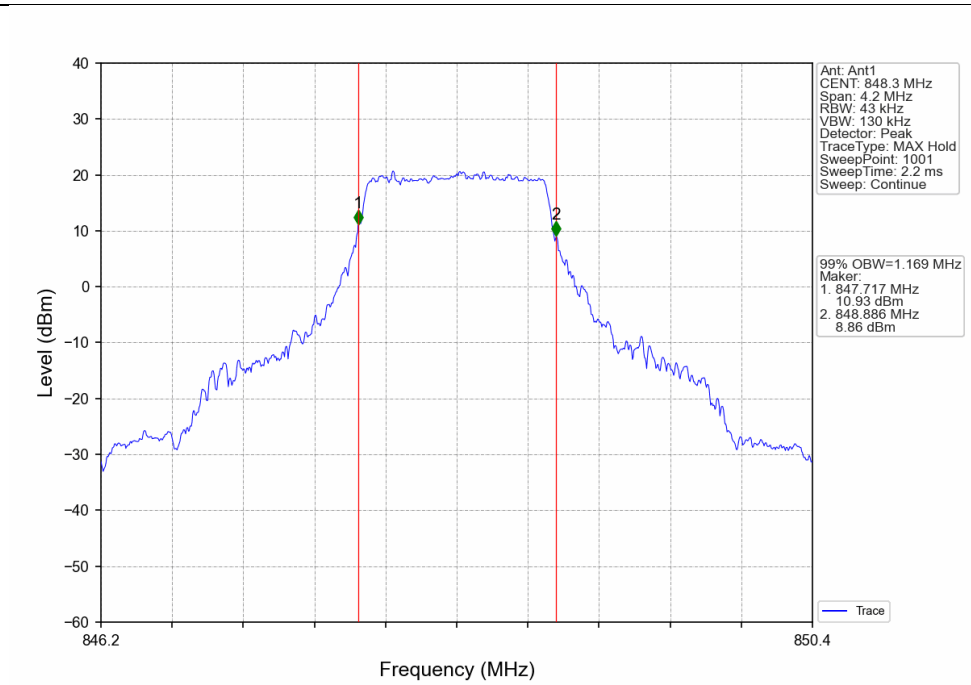

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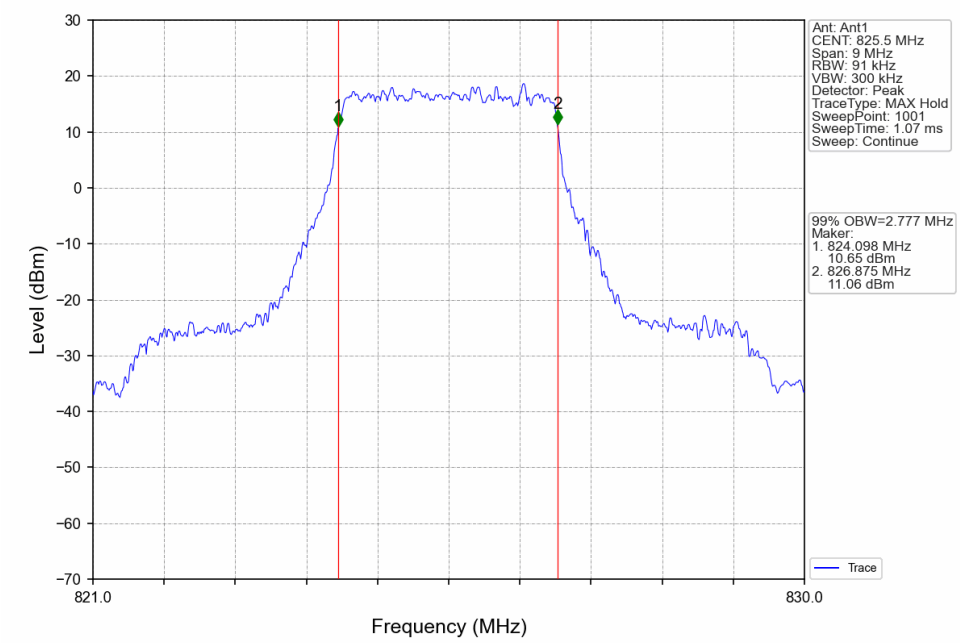
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



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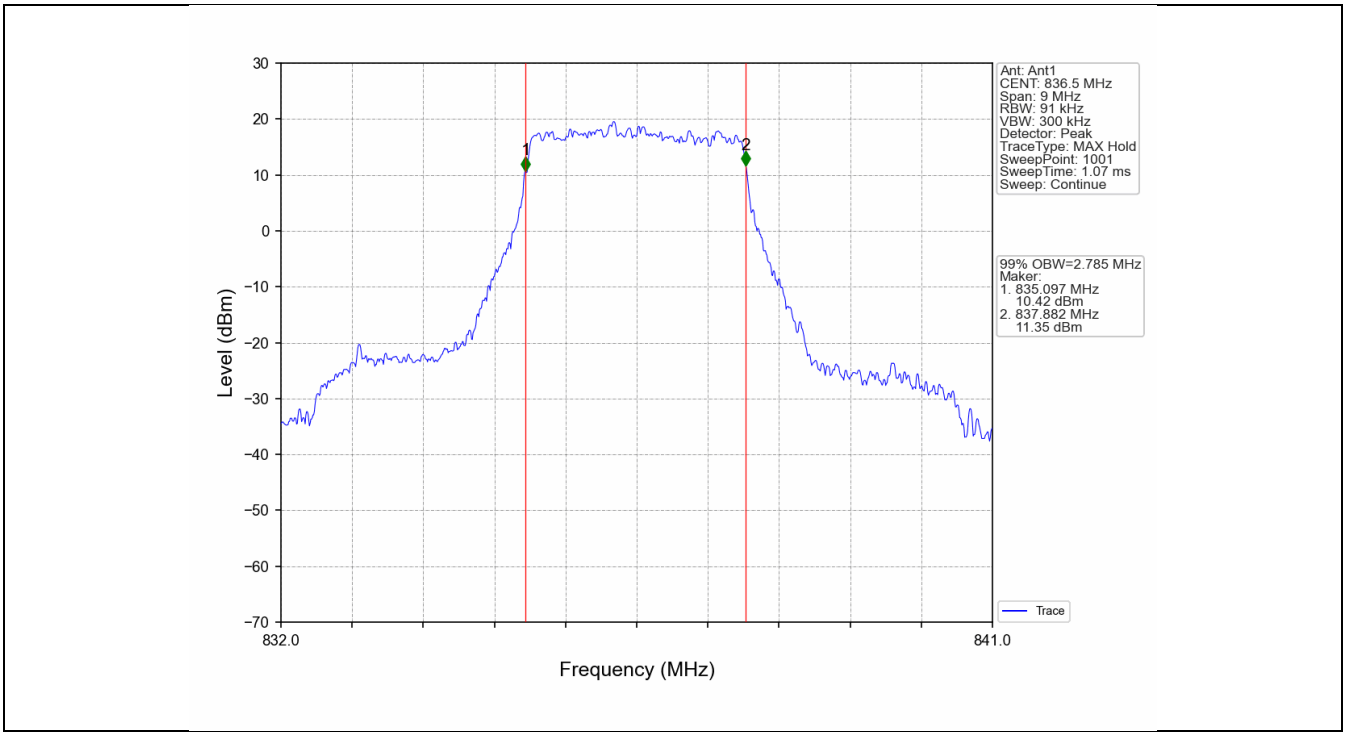

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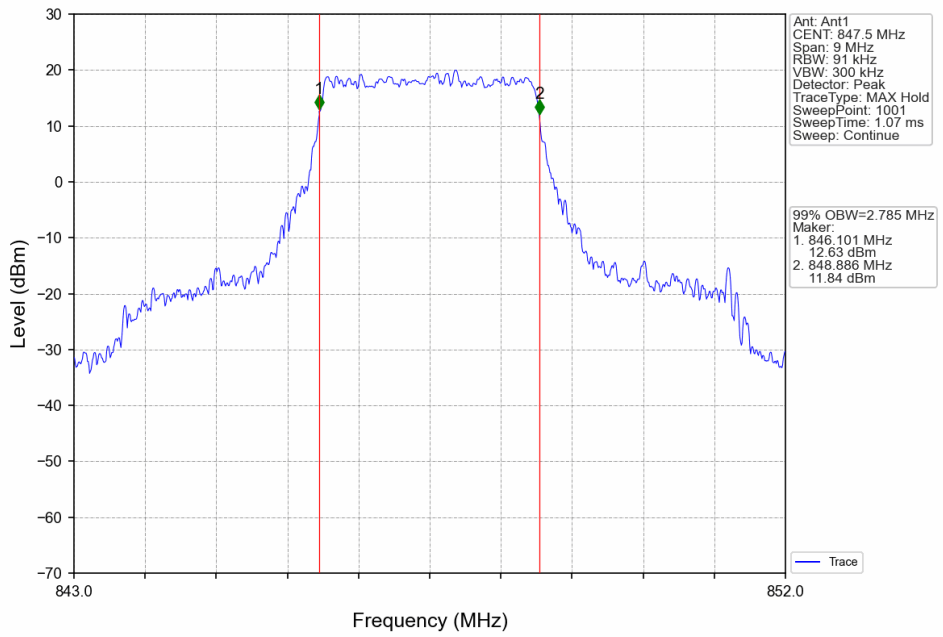

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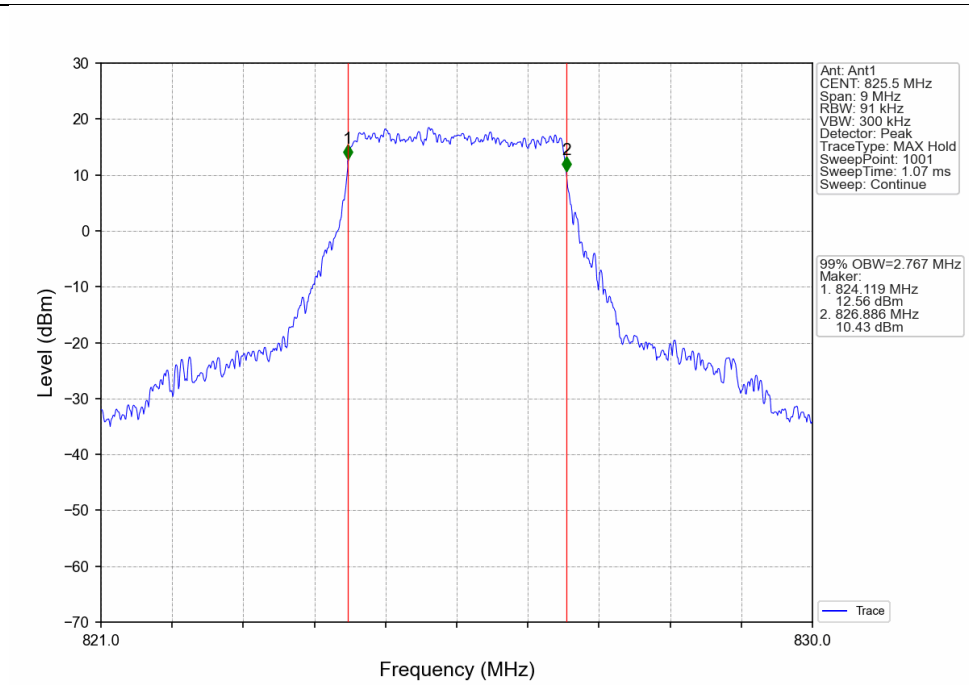

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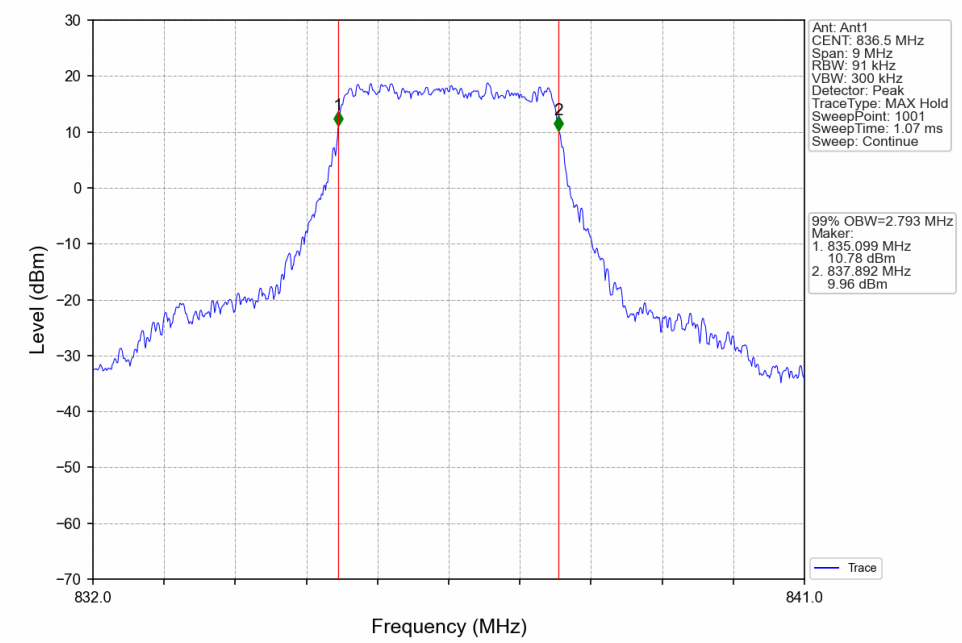

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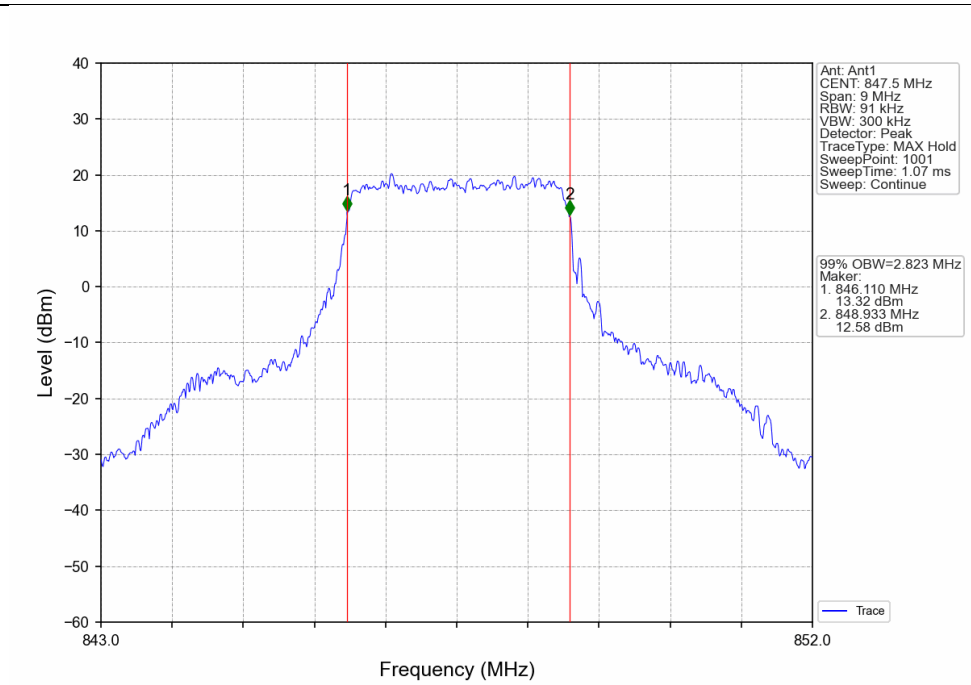

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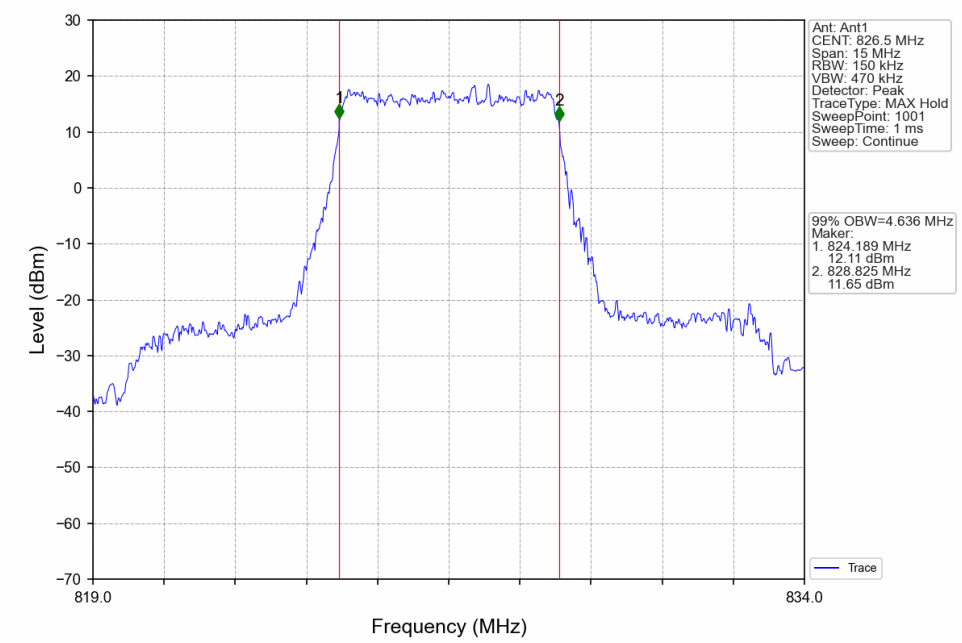
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



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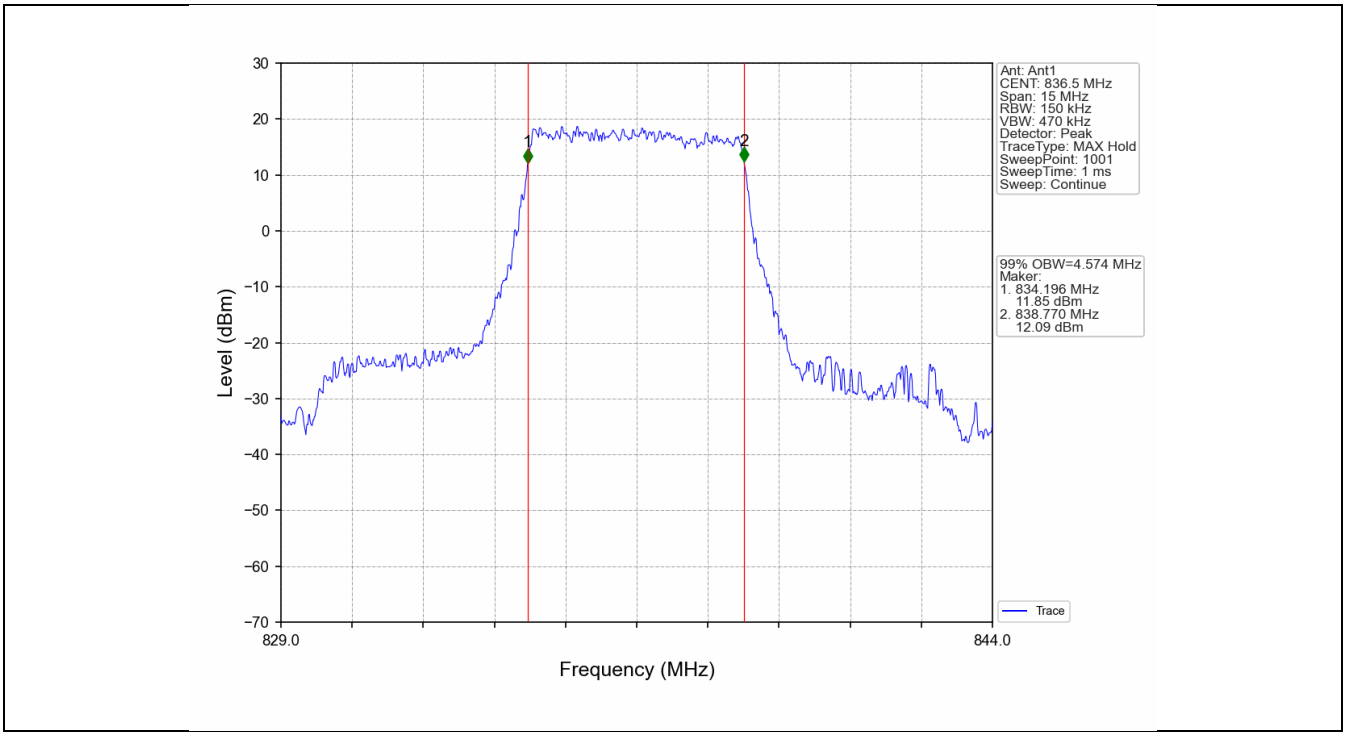

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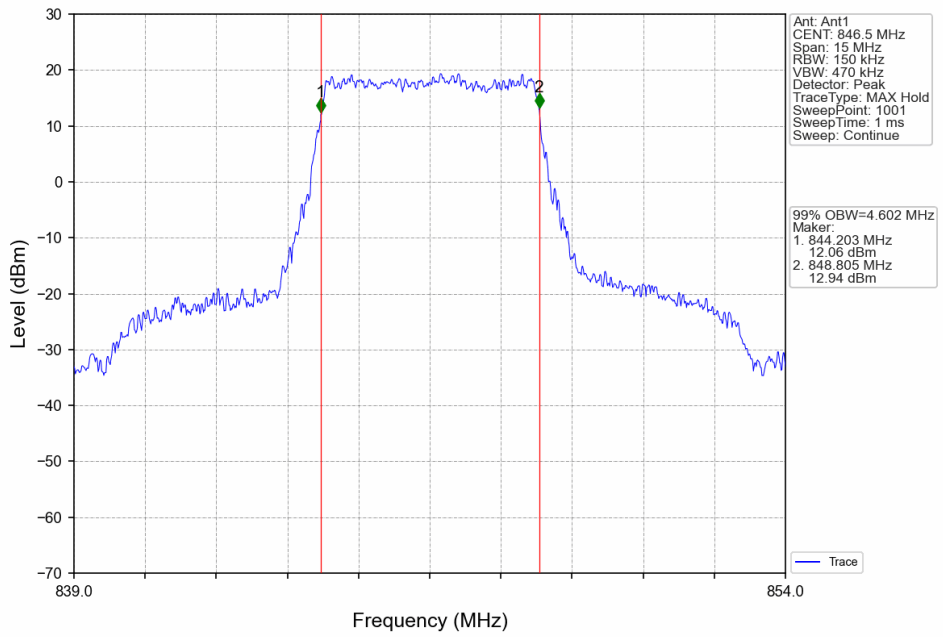
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

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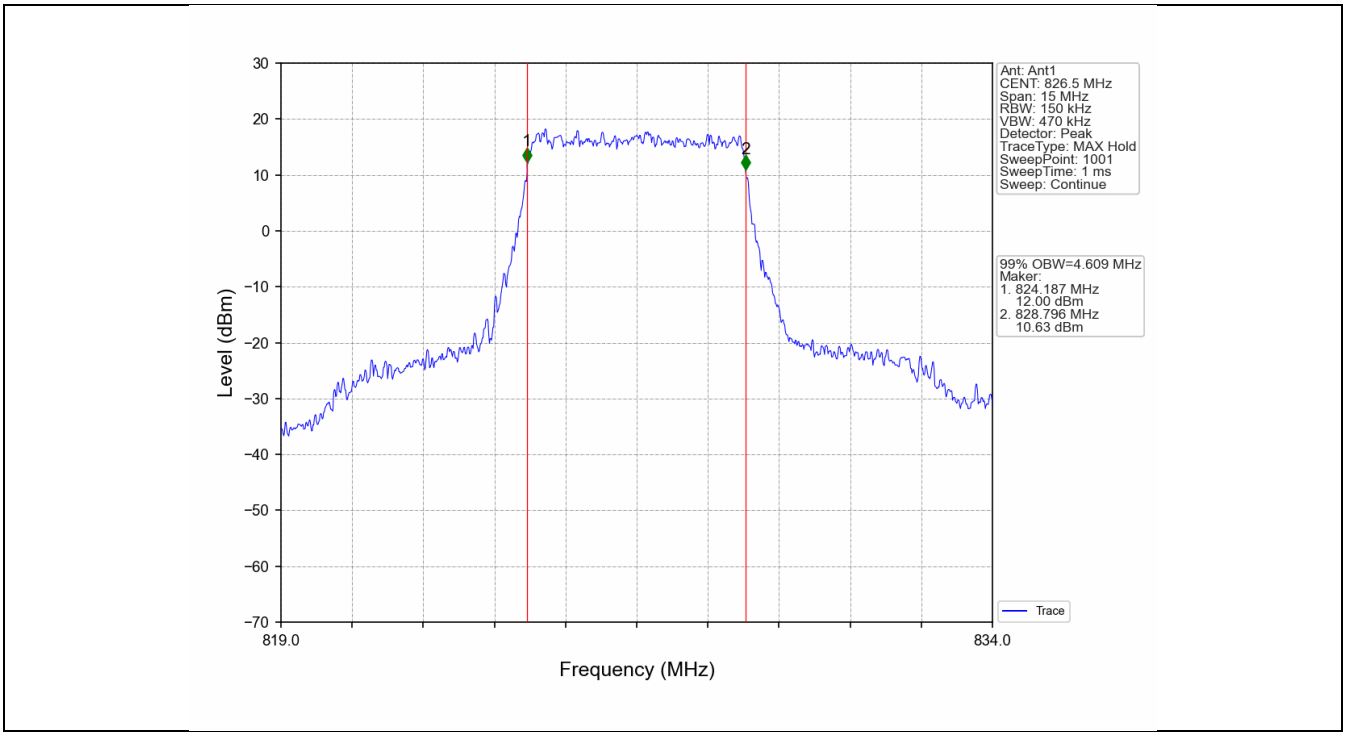

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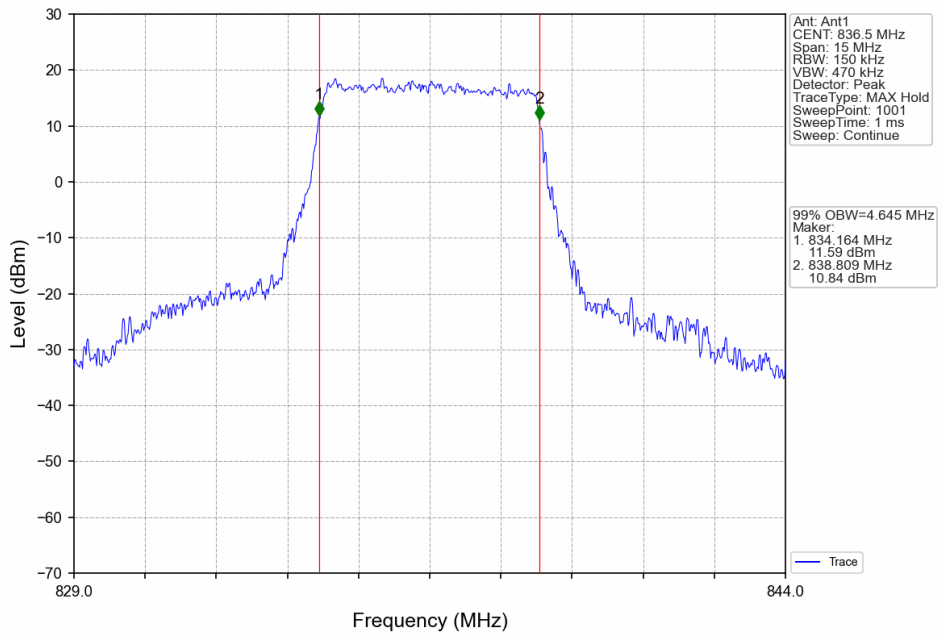
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

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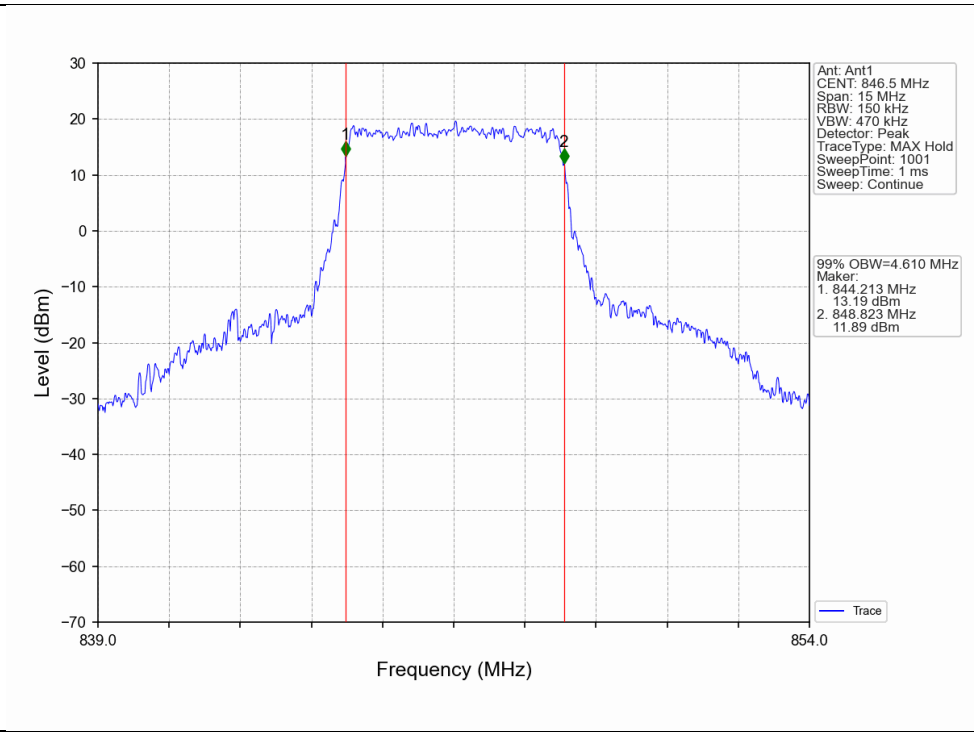

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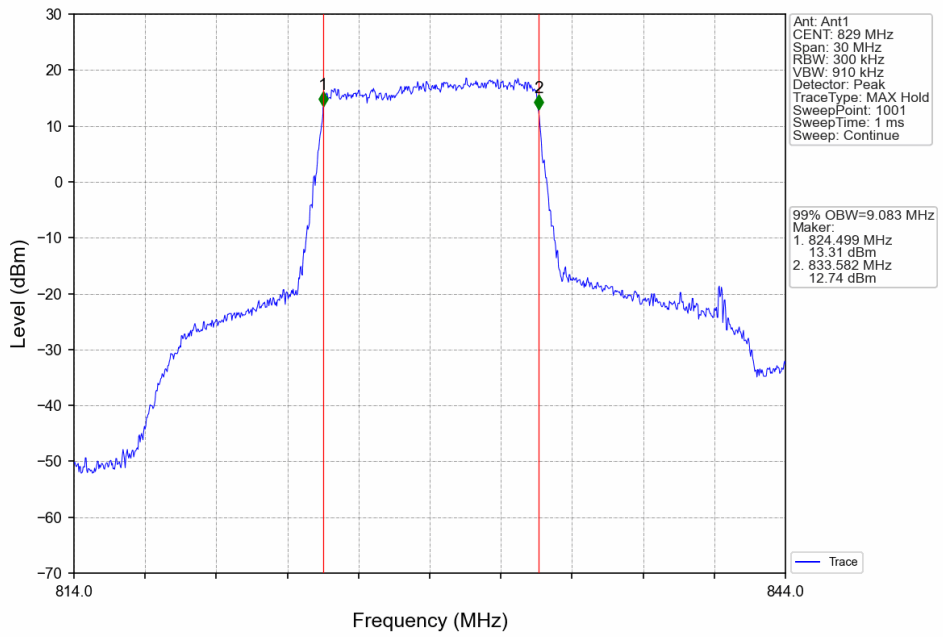
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

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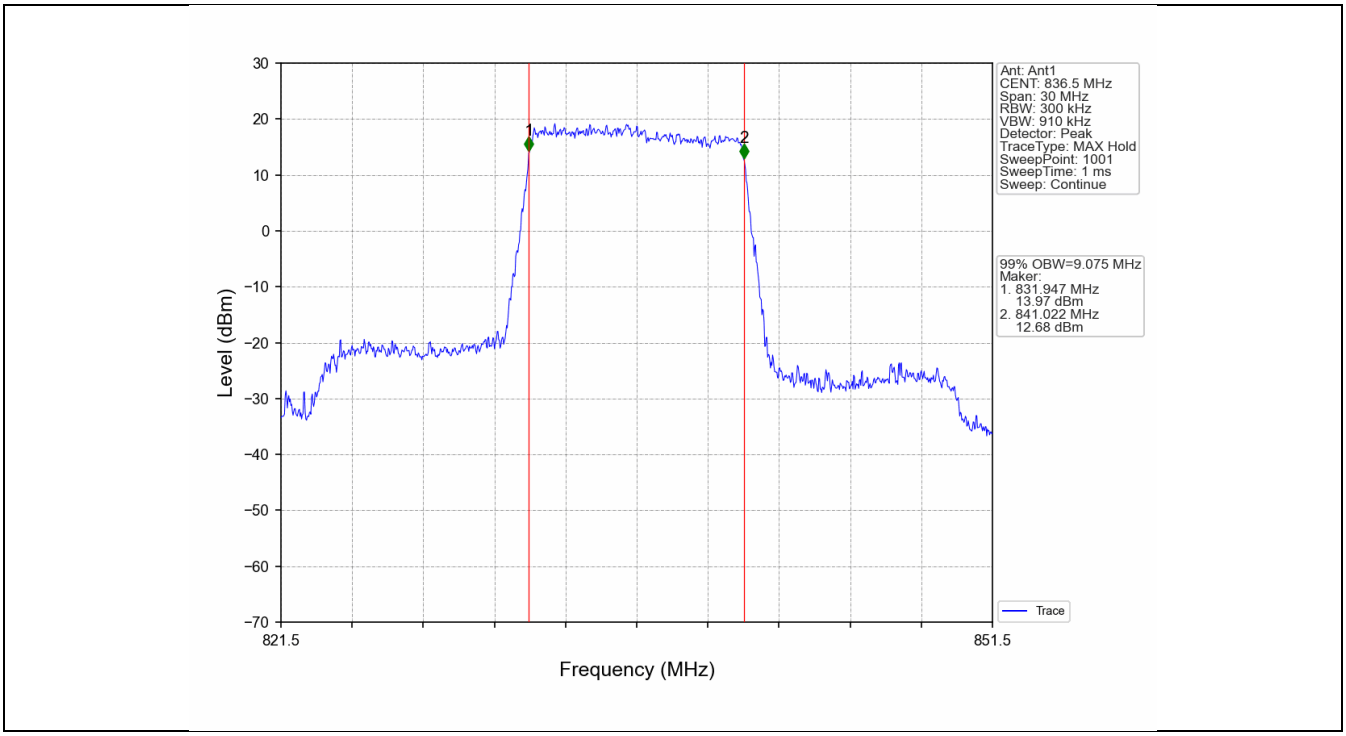

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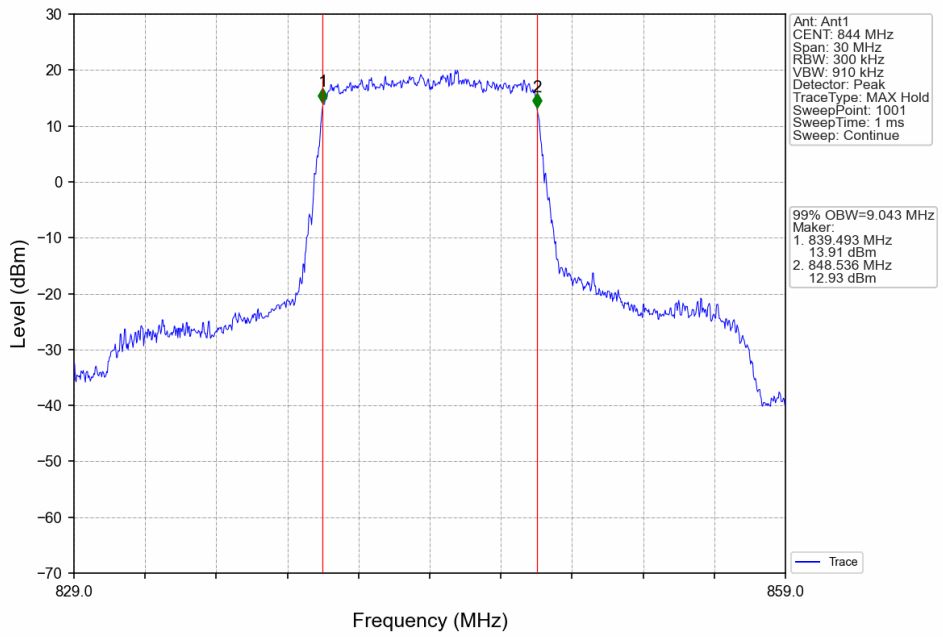
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

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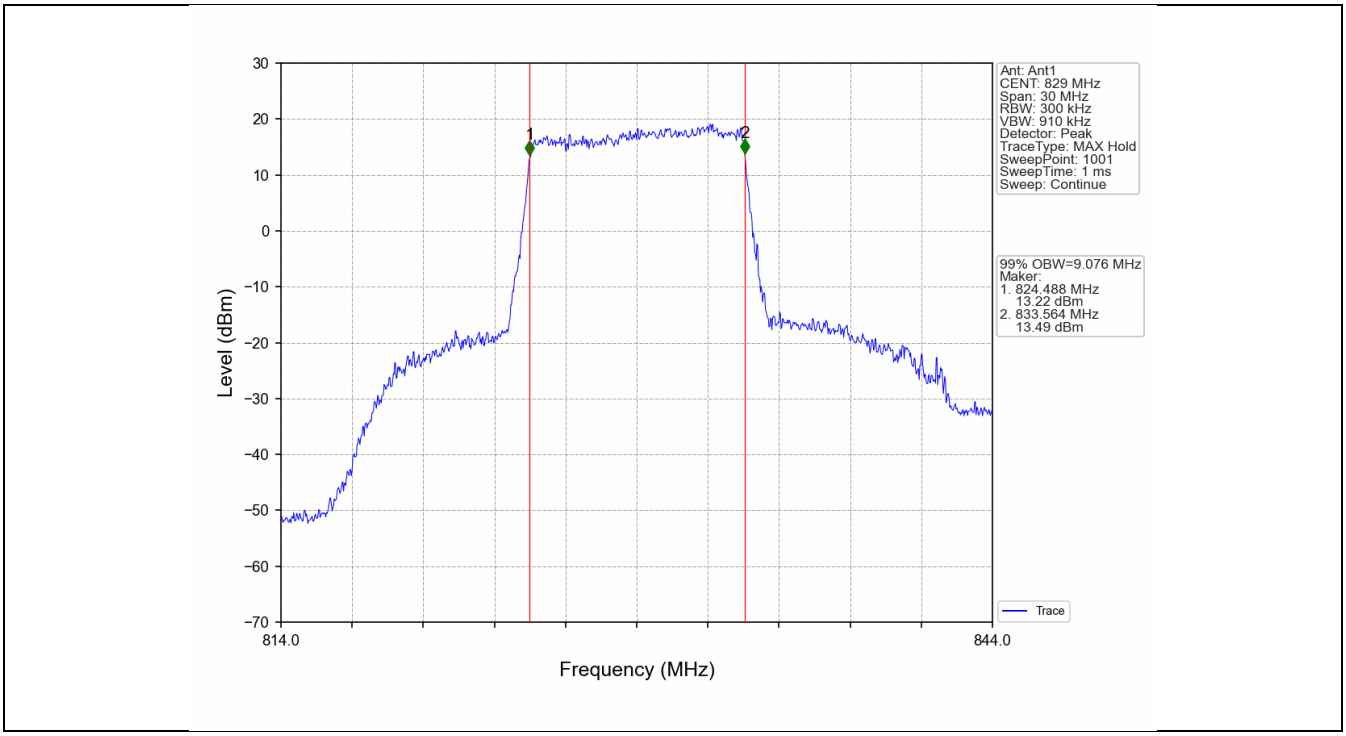

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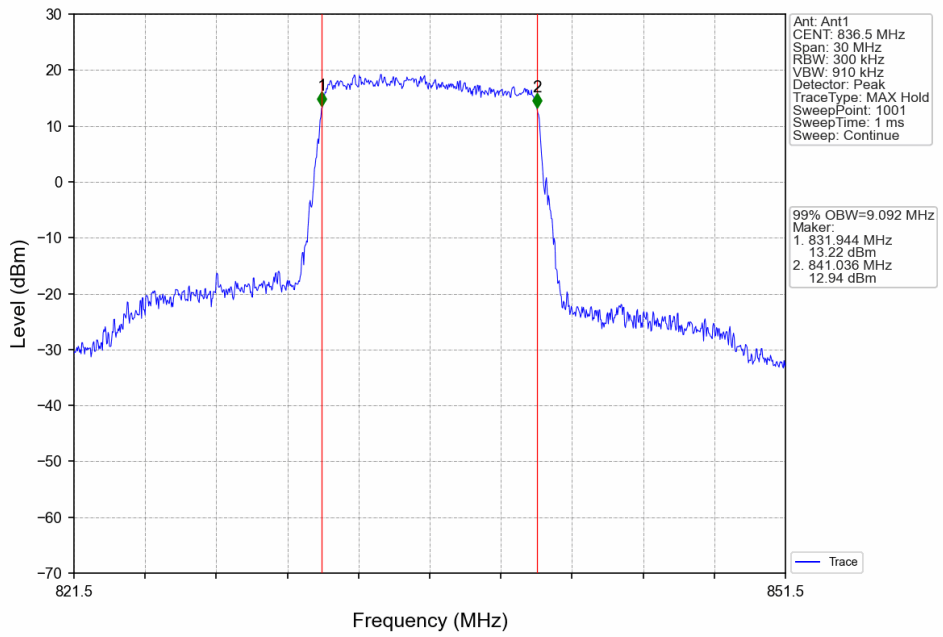
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



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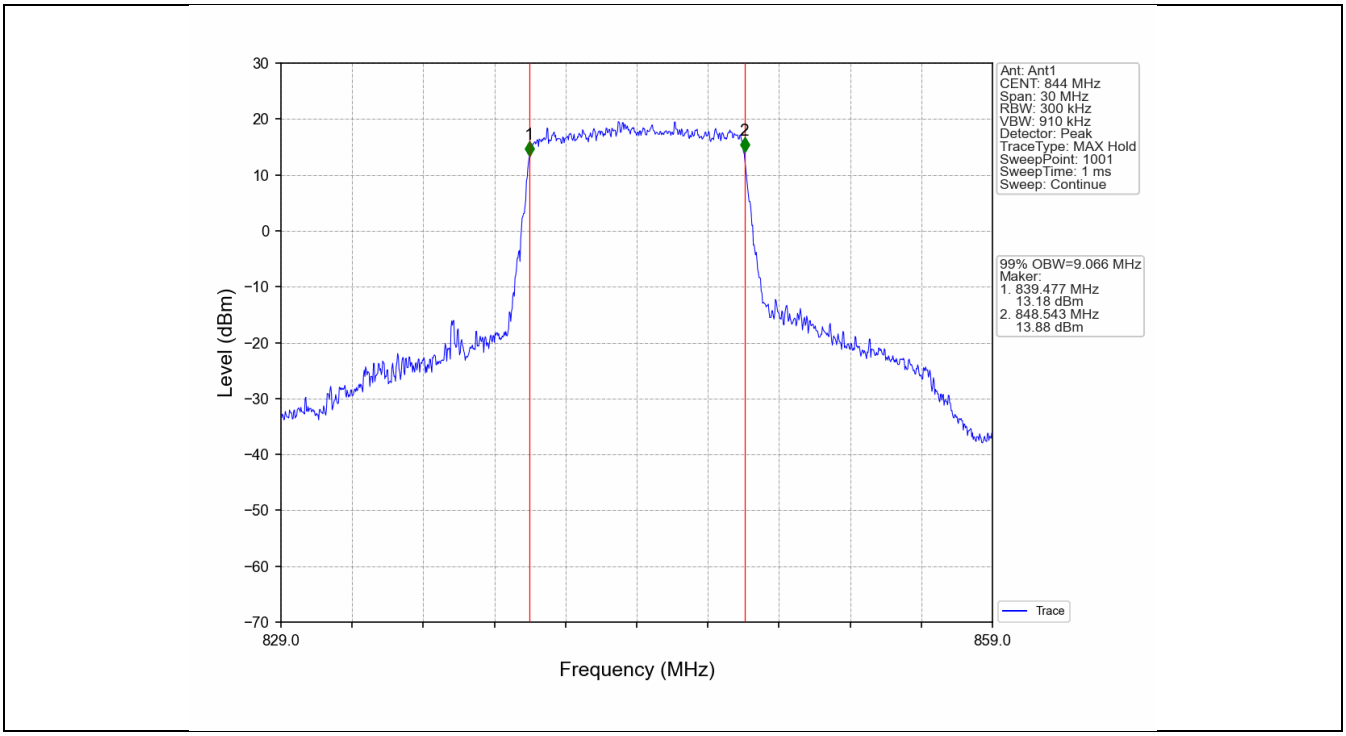

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5.2 Band5_XDB

5.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.599	Pass
		836.5	6	0	1.569	Pass
		848.3	6	0	1.612	Pass
	16QAM	824.7	6	0	1.563	Pass
		836.5	6	0	1.581	Pass
		848.3	6	0	1.643	Pass
3	QPSK	825.5	15	0	3.465	Pass
		836.5	15	0	3.440	Pass
		847.5	15	0	3.560	Pass
	16QAM	825.5	15	0	3.593	Pass
		836.5	15	0	3.489	Pass
		847.5	15	0	3.585	Pass
5	QPSK	826.5	25	0	5.589	Pass
		836.5	25	0	5.415	Pass
		846.5	25	0	5.545	Pass
	16QAM	826.5	25	0	5.543	Pass
		836.5	25	0	5.509	Pass
		846.5	25	0	5.532	Pass
10	QPSK	829	50	0	10.198	Pass
		836.5	50	0	10.218	Pass
		844	50	0	10.191	Pass
	16QAM	829	50	0	10.153	Pass
		836.5	50	0	10.274	Pass
		844	50	0	10.158	Pass

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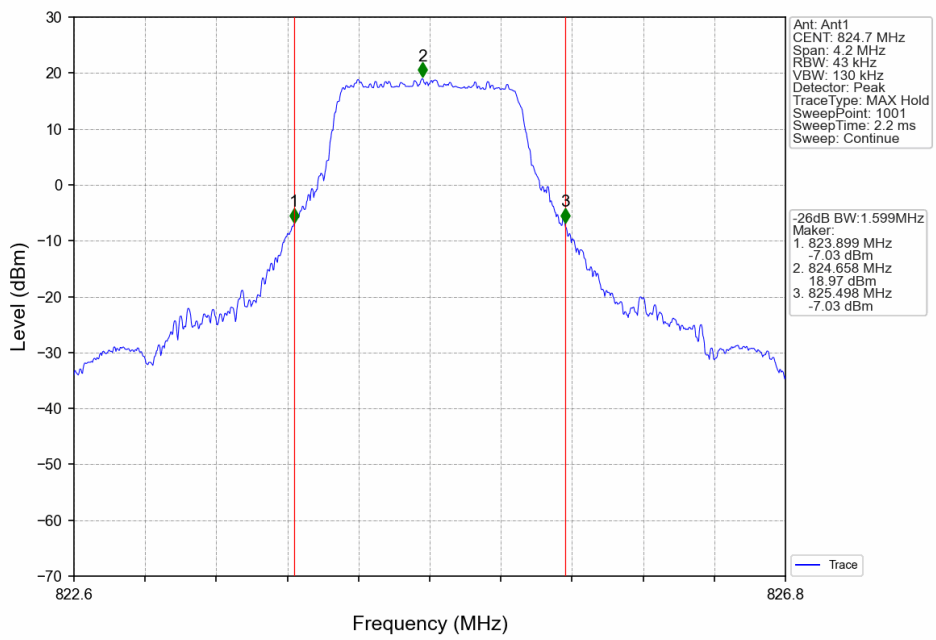
5.2.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

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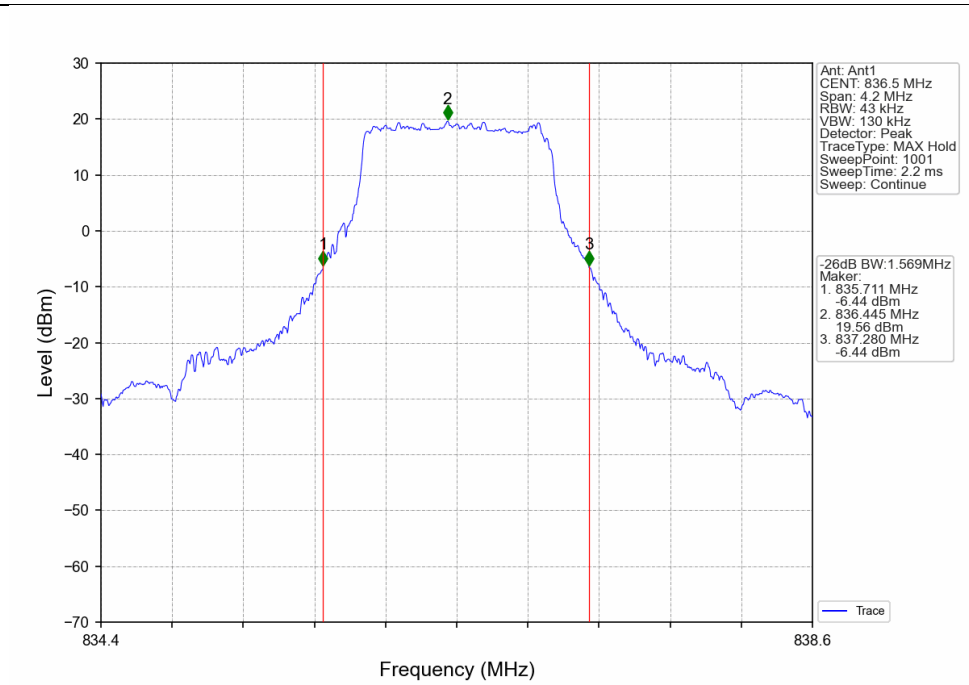

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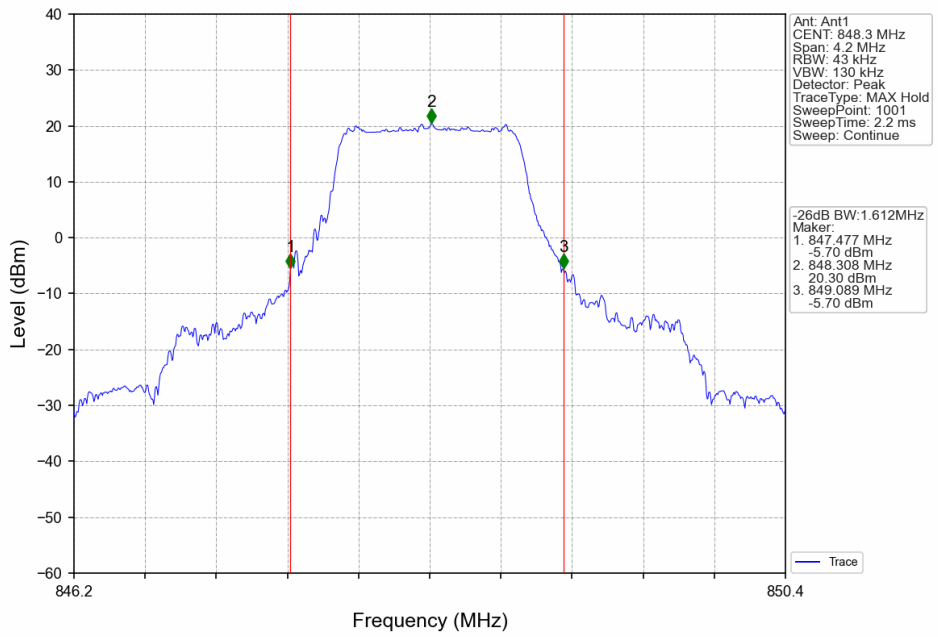
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

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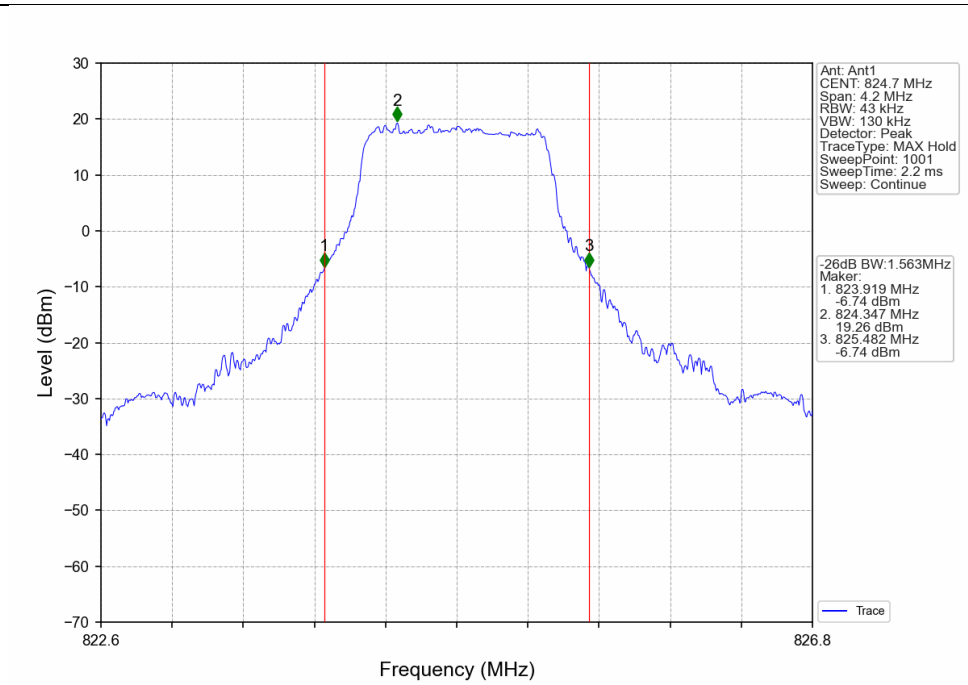

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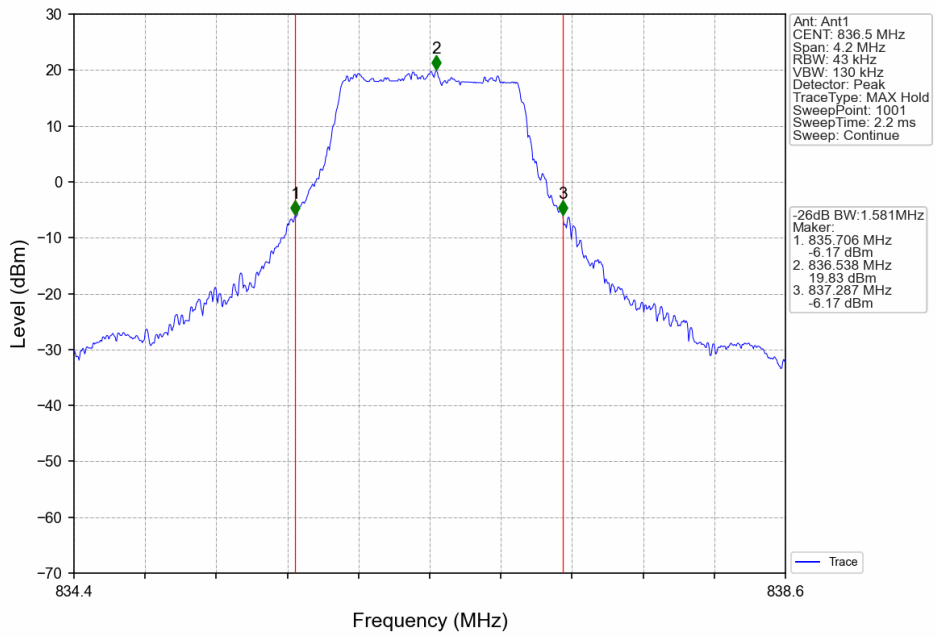
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

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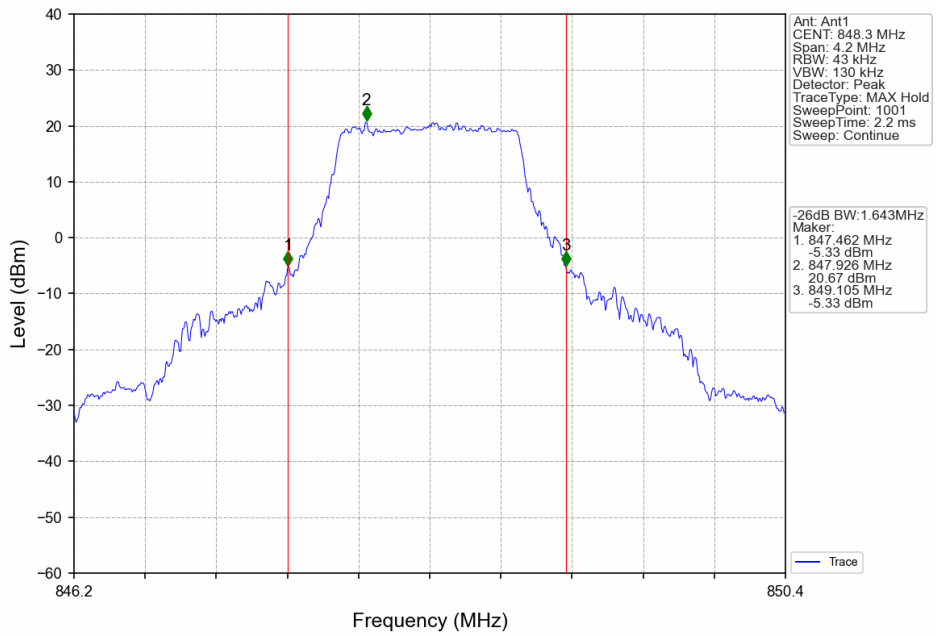

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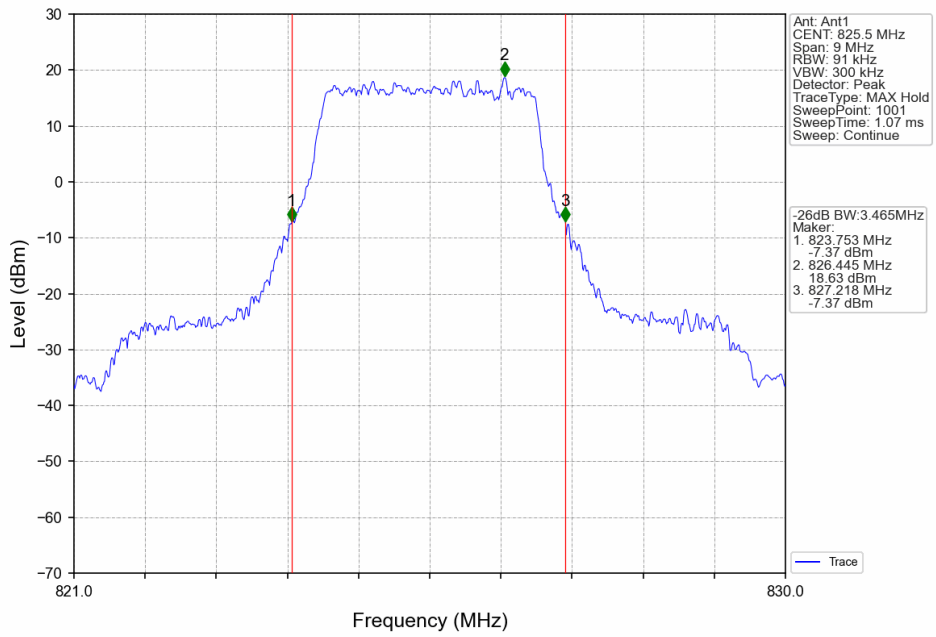
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

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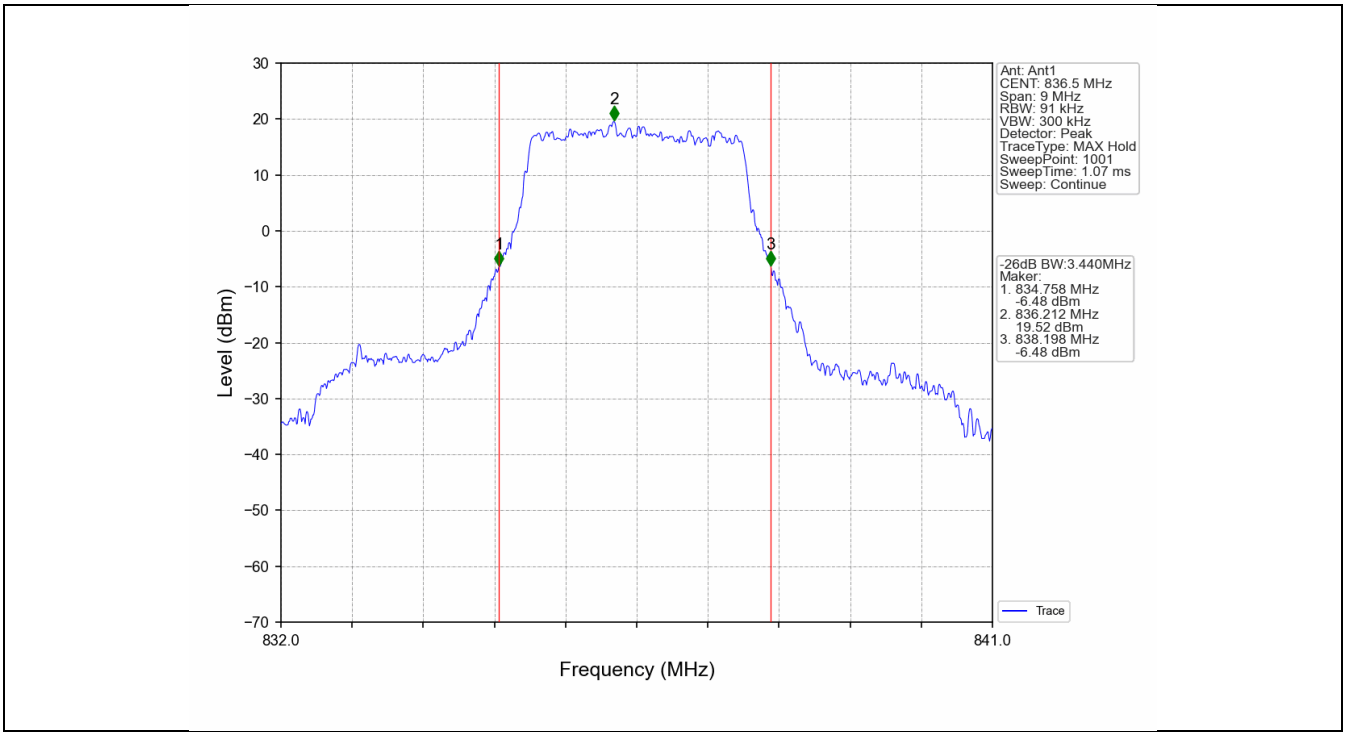

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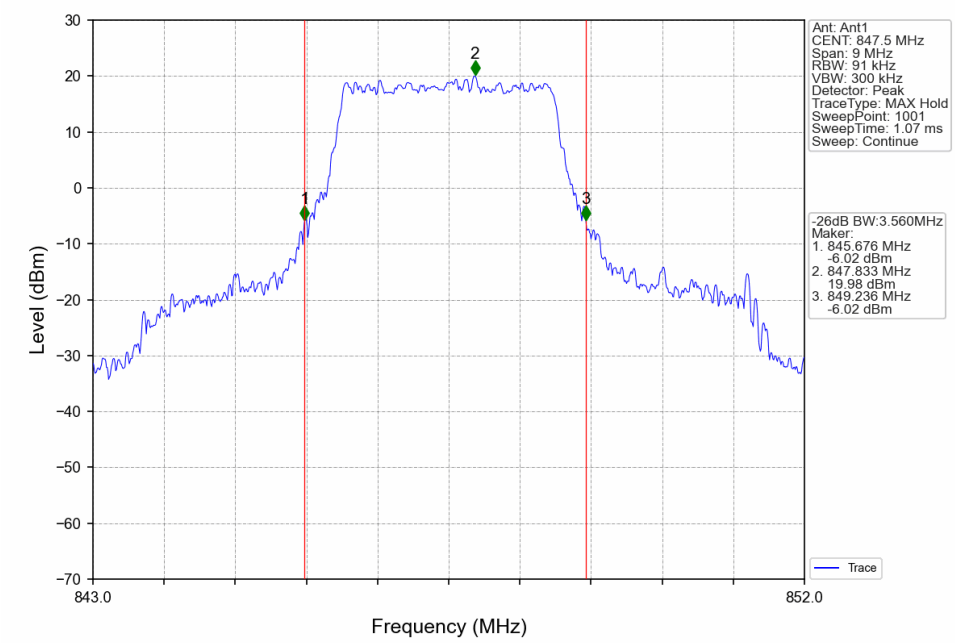
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

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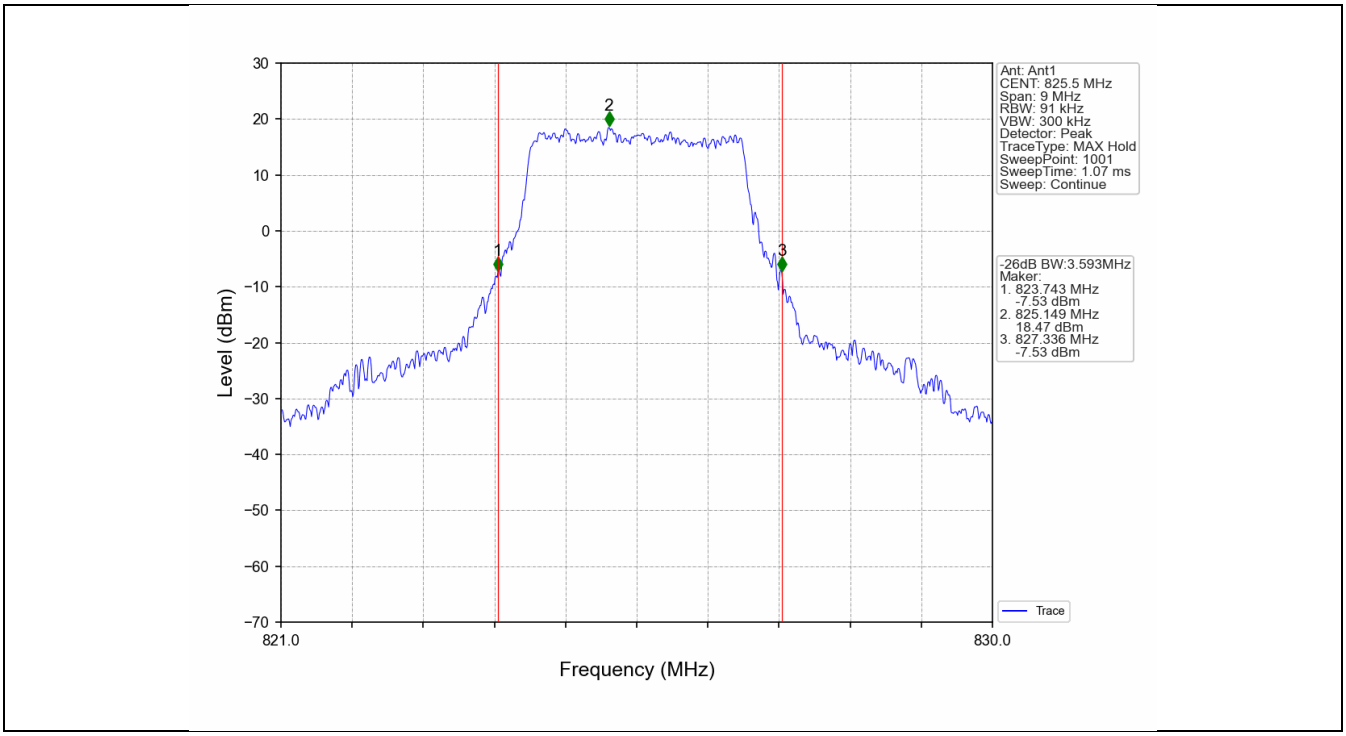

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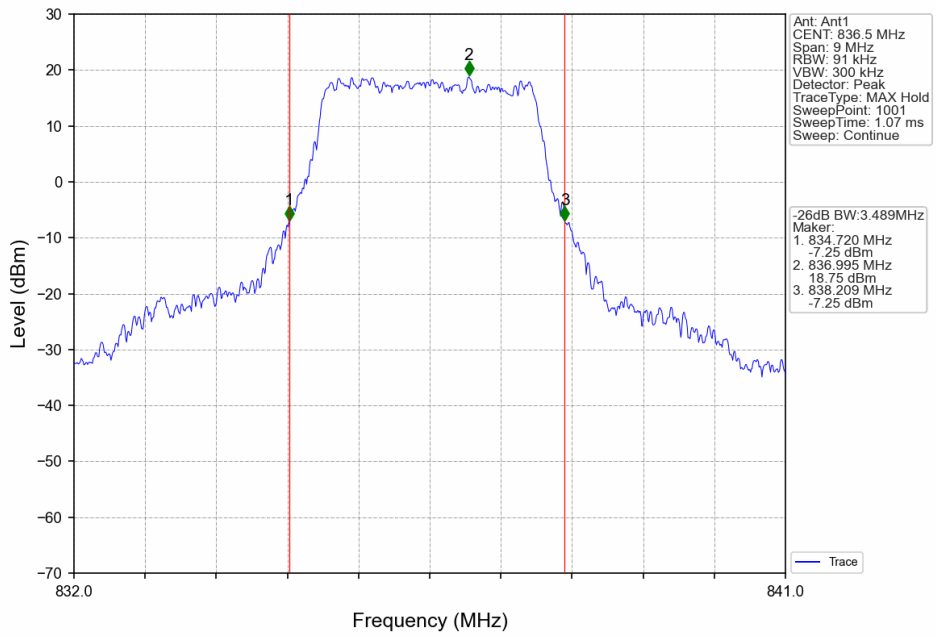
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



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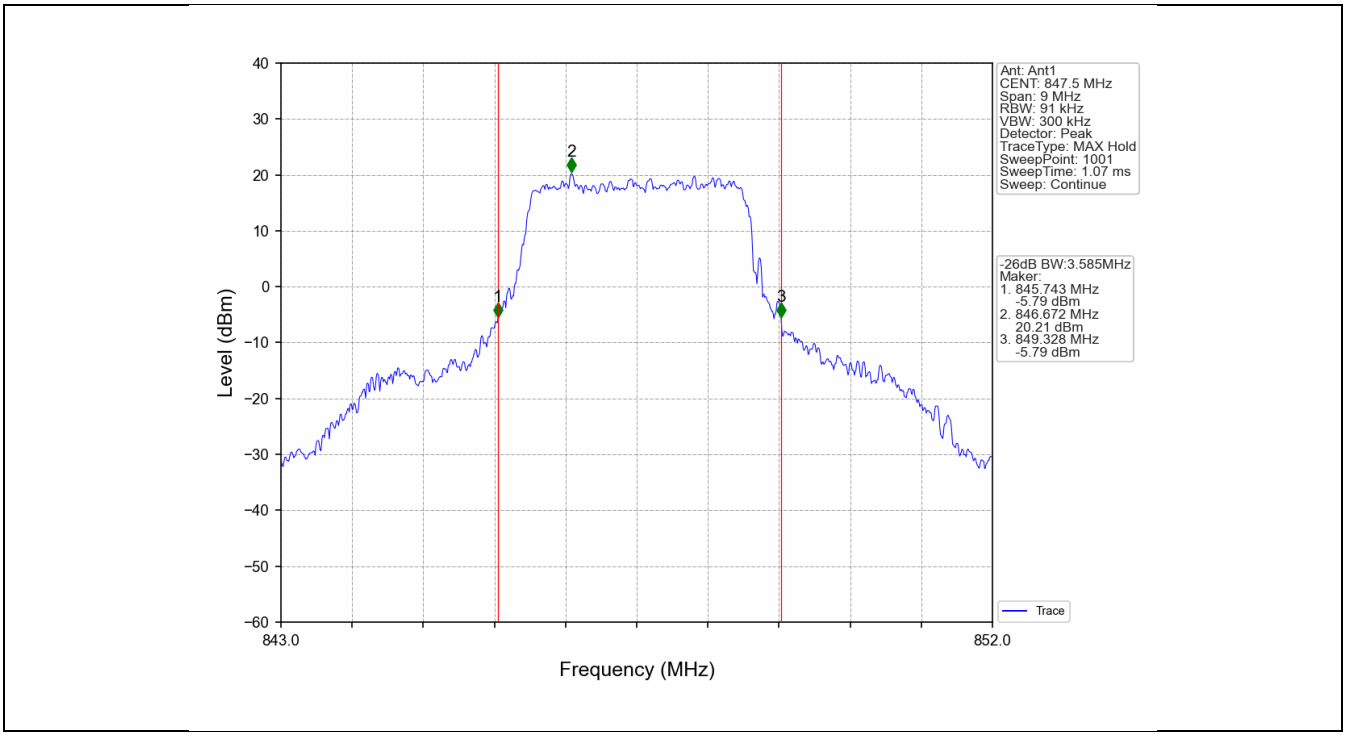

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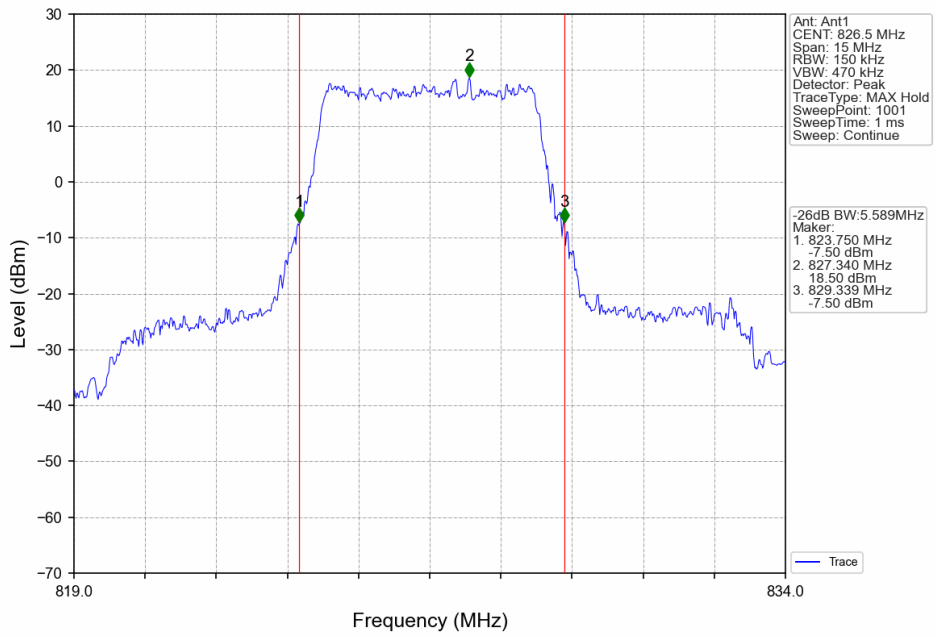
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



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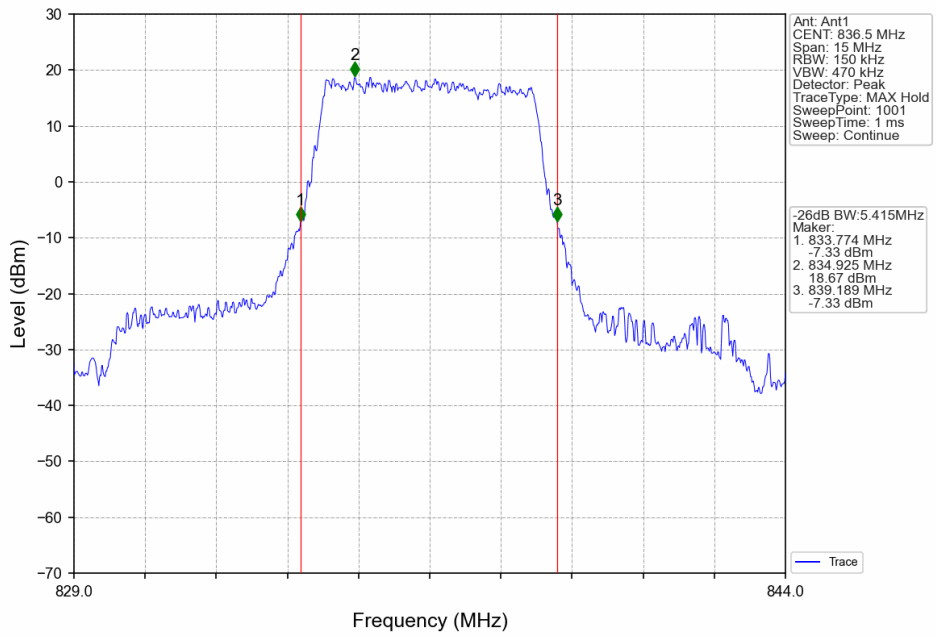

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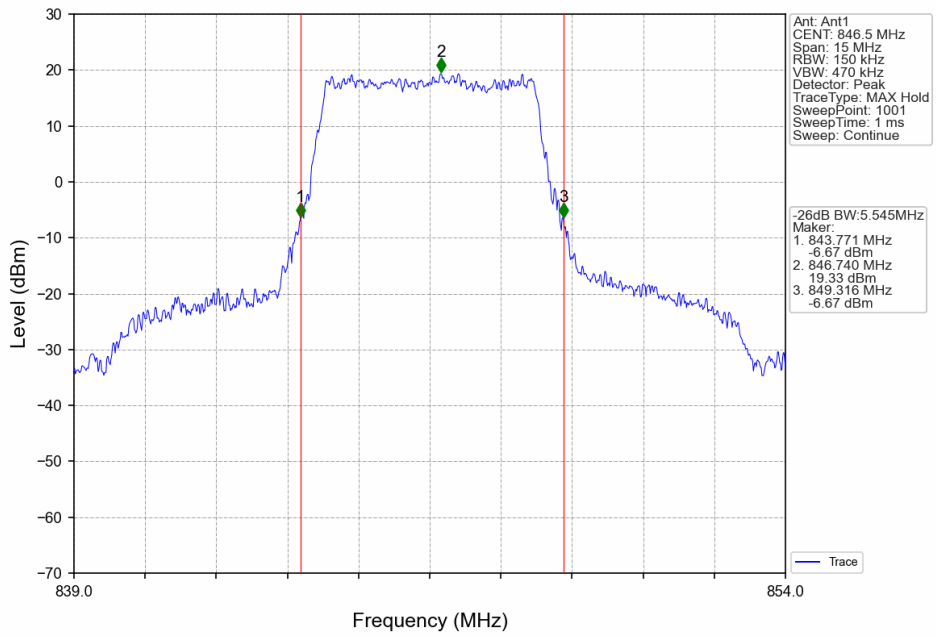

Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

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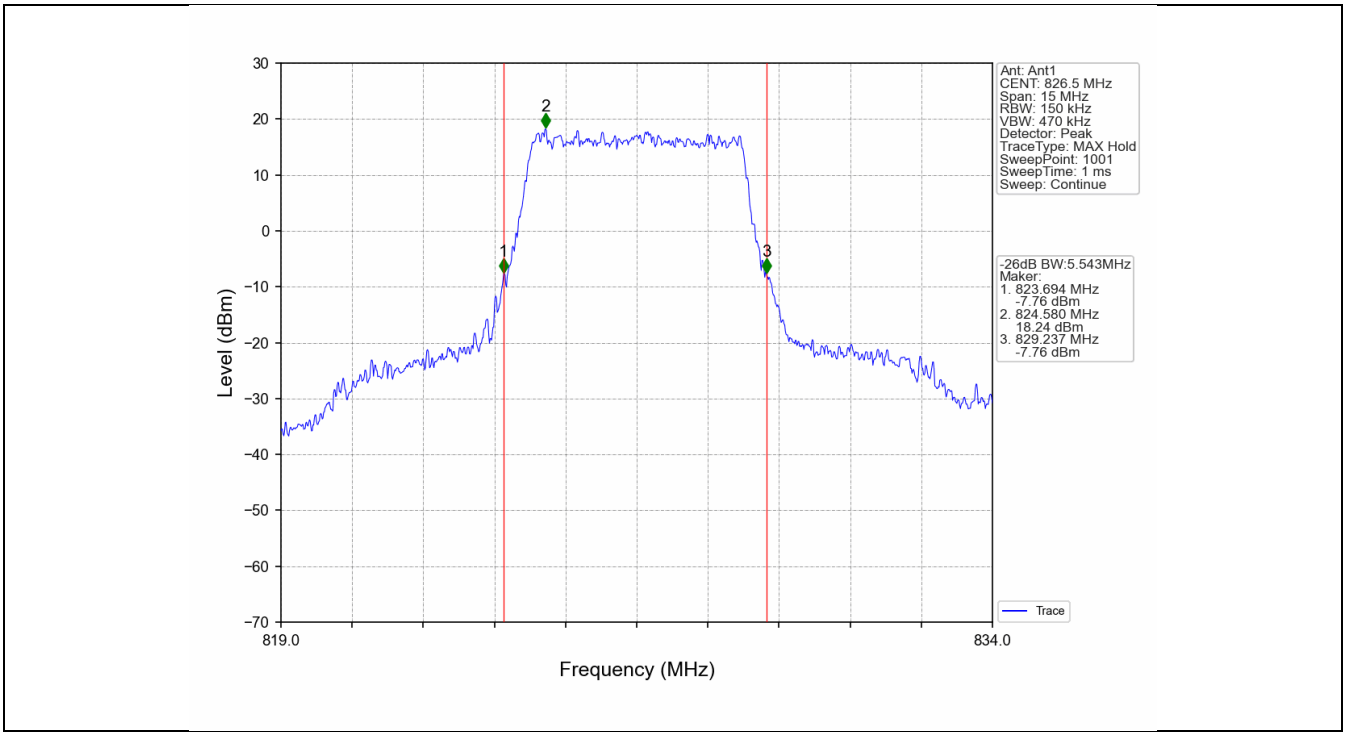

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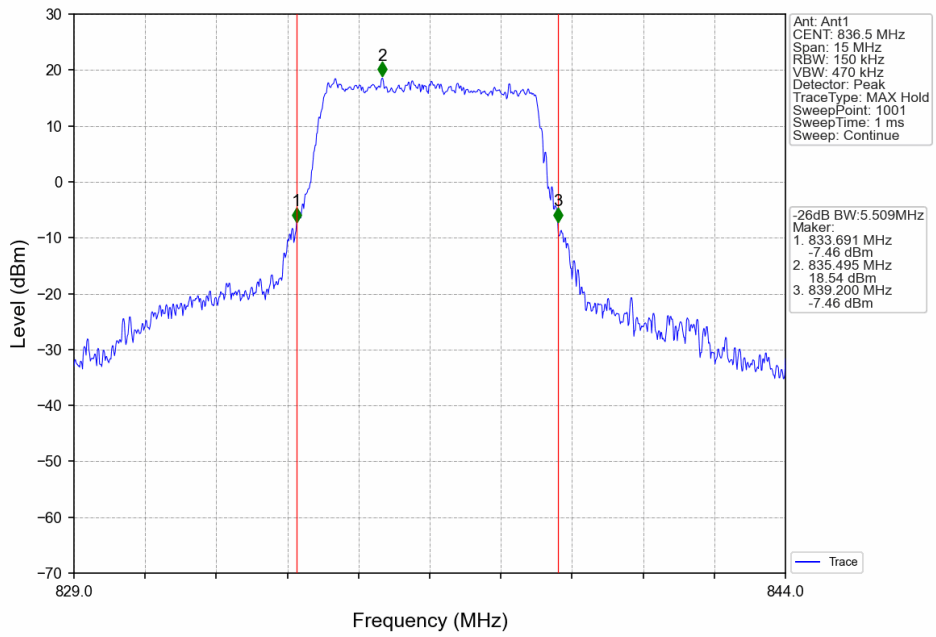
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

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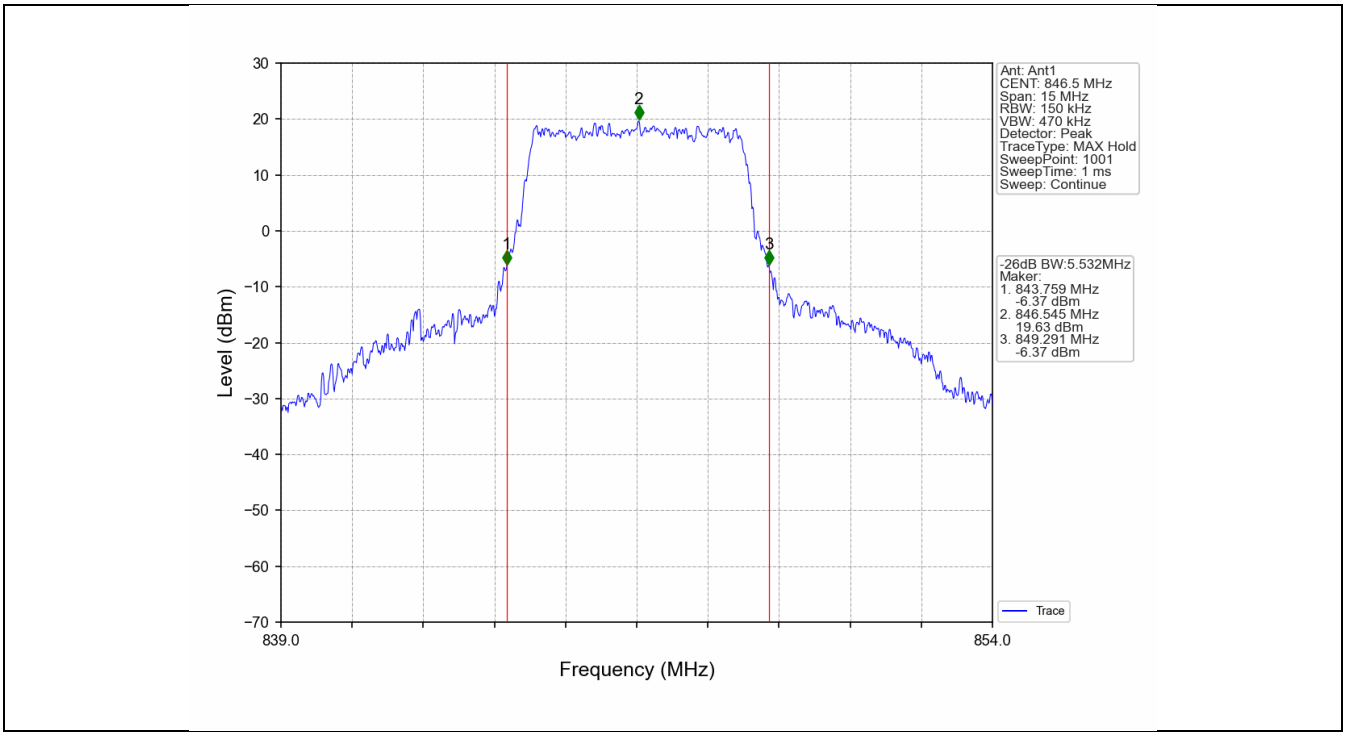

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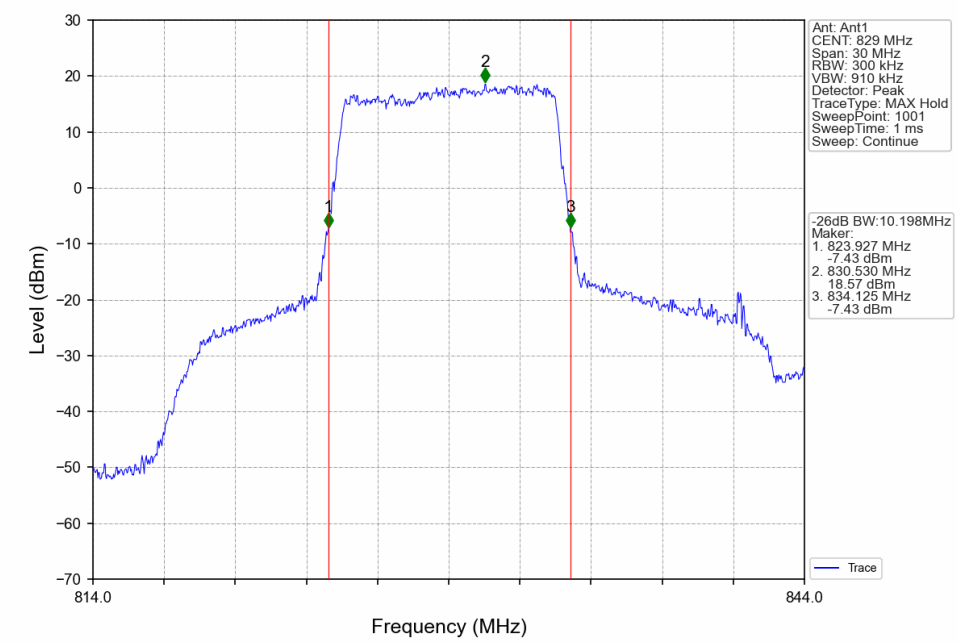
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

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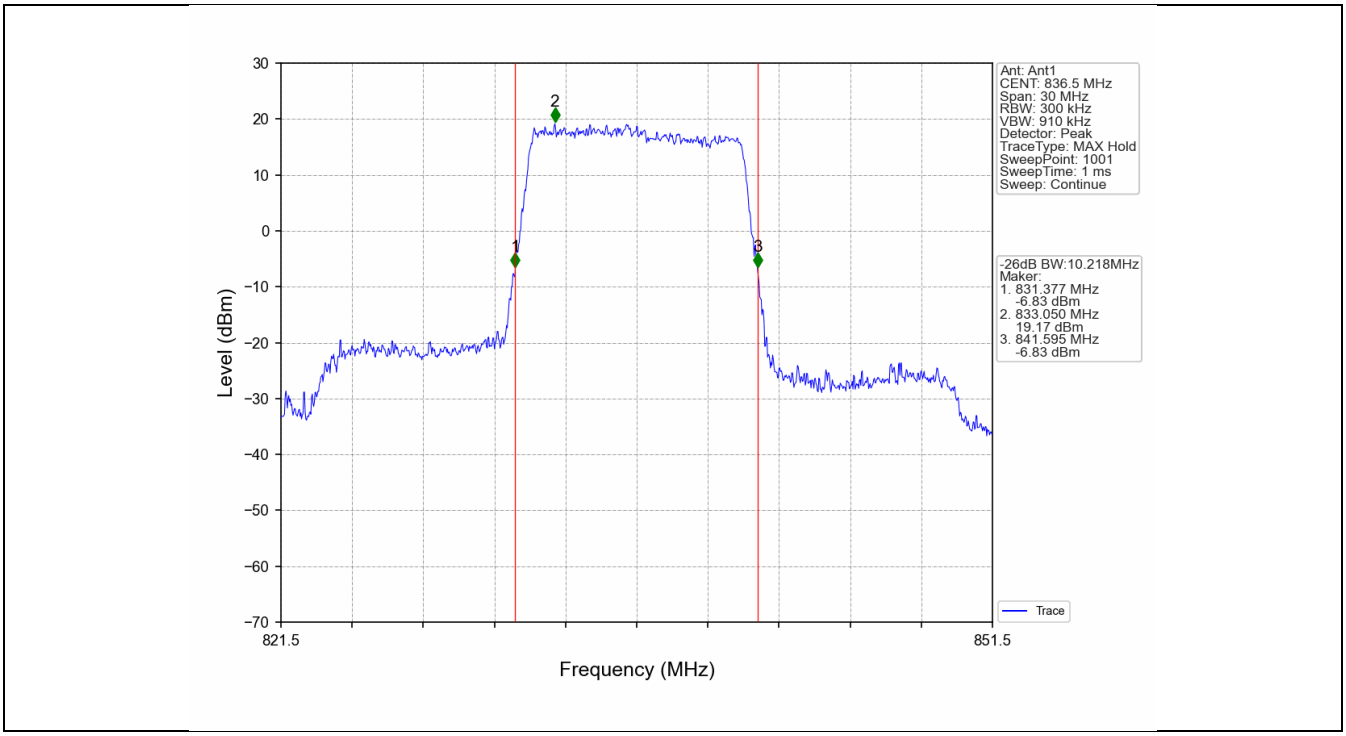

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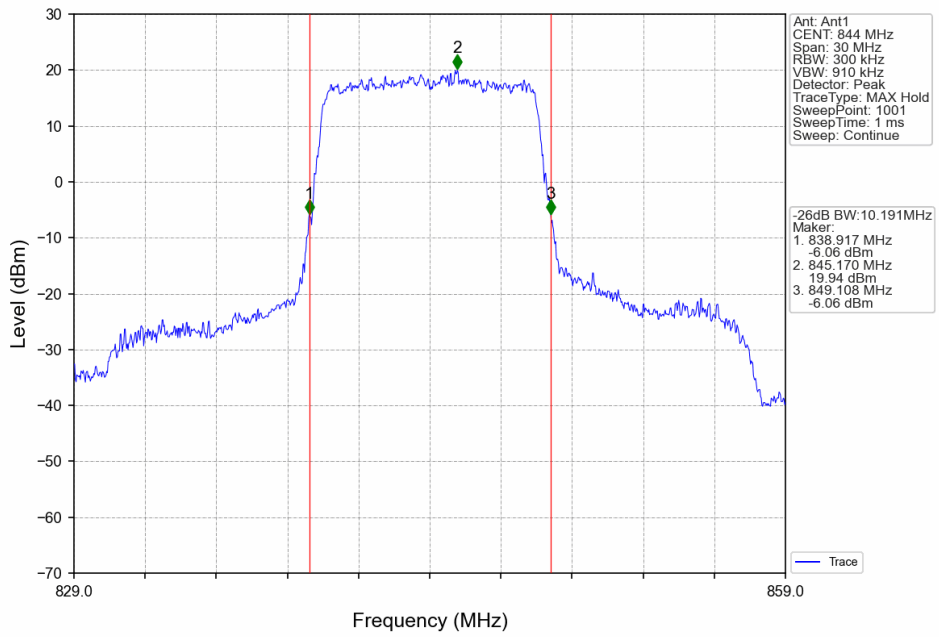
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

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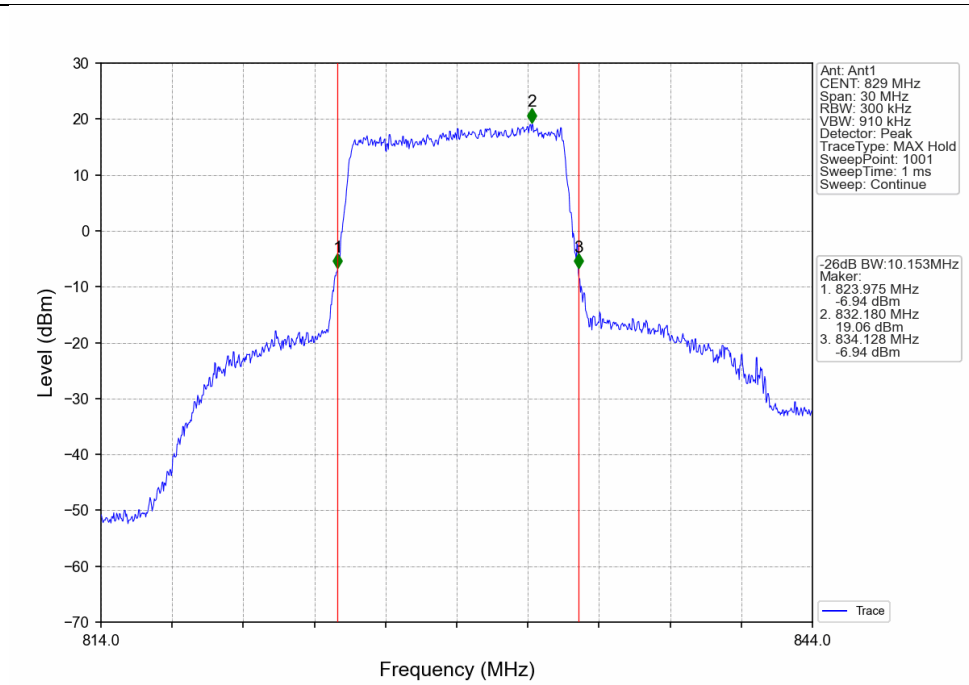

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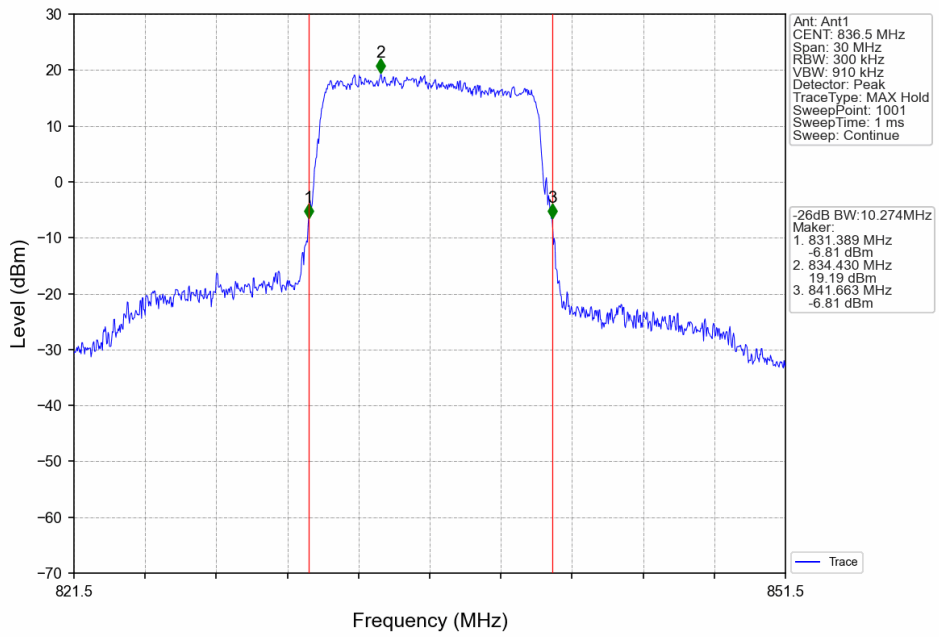
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

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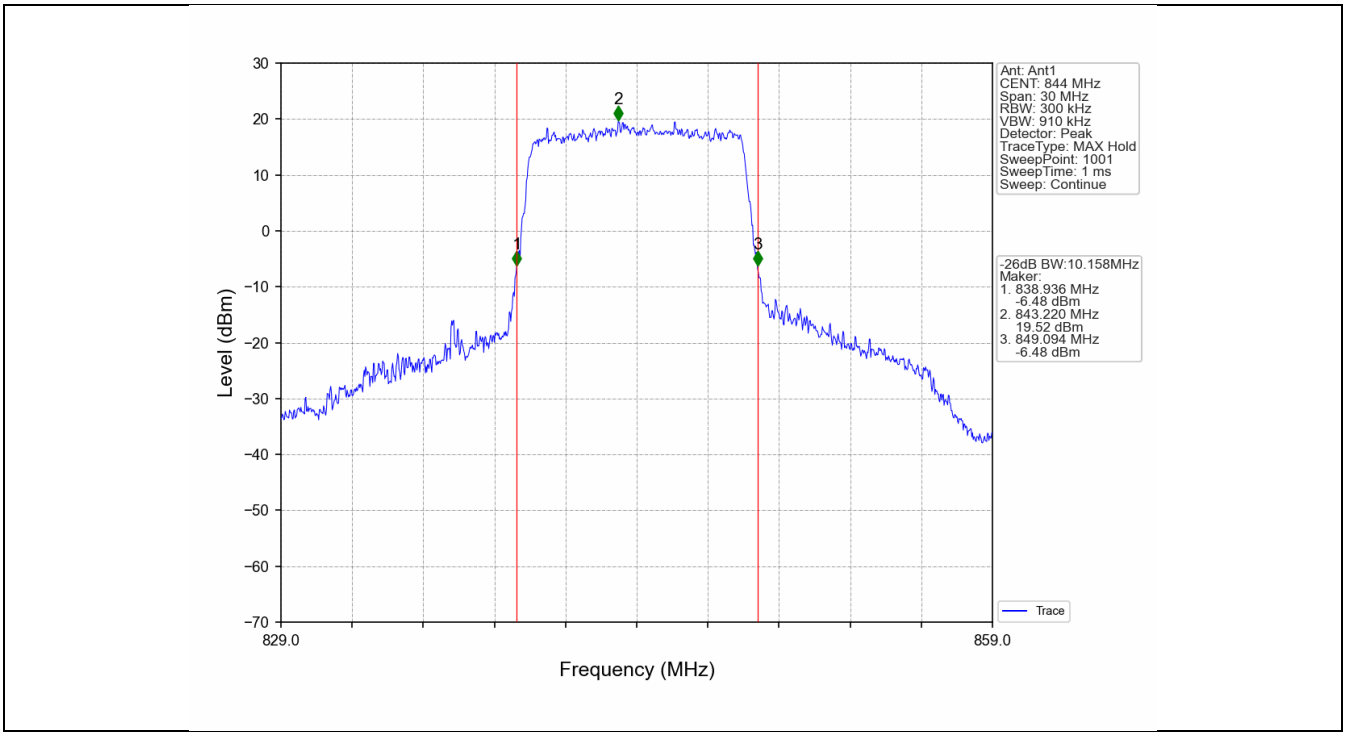

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6. 99% & 26dB Bandwidth

6.1 Band66_OBW

6.1.1 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	1.162	Pass
		1779.3	6	0	1.133	Pass
	16QAM	1710.7	6	0	1.167	Pass
		1745	6	0	1.139	Pass
		1779.3	6	0	1.144	Pass
3	QPSK	1711.5	15	0	2.766	Pass
		1745	15	0	2.790	Pass
		1778.5	15	0	2.785	Pass
	16QAM	1711.5	15	0	2.822	Pass
		1745	15	0	2.772	Pass
		1778.5	15	0	2.779	Pass
5	QPSK	1712.5	25	0	4.610	Pass
		1745	25	0	4.593	Pass
		1777.5	25	0	4.581	Pass
	16QAM	1712.5	25	0	4.576	Pass
		1745	25	0	4.595	Pass
		1777.5	25	0	4.578	Pass
10	QPSK	1715	50	0	9.088	Pass
		1745	50	0	9.076	Pass
		1775	50	0	9.045	Pass
	16QAM	1715	50	0	9.055	Pass
		1745	50	0	9.073	Pass
		1775	50	0	9.045	Pass
15	QPSK	1717.5	75	0	13.564	Pass
		1745	75	0	13.553	Pass
		1772.5	75	0	13.498	Pass
	16QAM	1717.5	75	0	13.571	Pass
		1745	75	0	13.592	Pass
		1772.5	75	0	13.523	Pass
20	QPSK	1720	100	0	17.970	Pass
		1745	100	0	18.082	Pass
		1770	100	0	17.928	Pass
	16QAM	1720	100	0	17.989	Pass

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		1745	100	0	18.080	Pass
		1770	100	0	17.943	Pass

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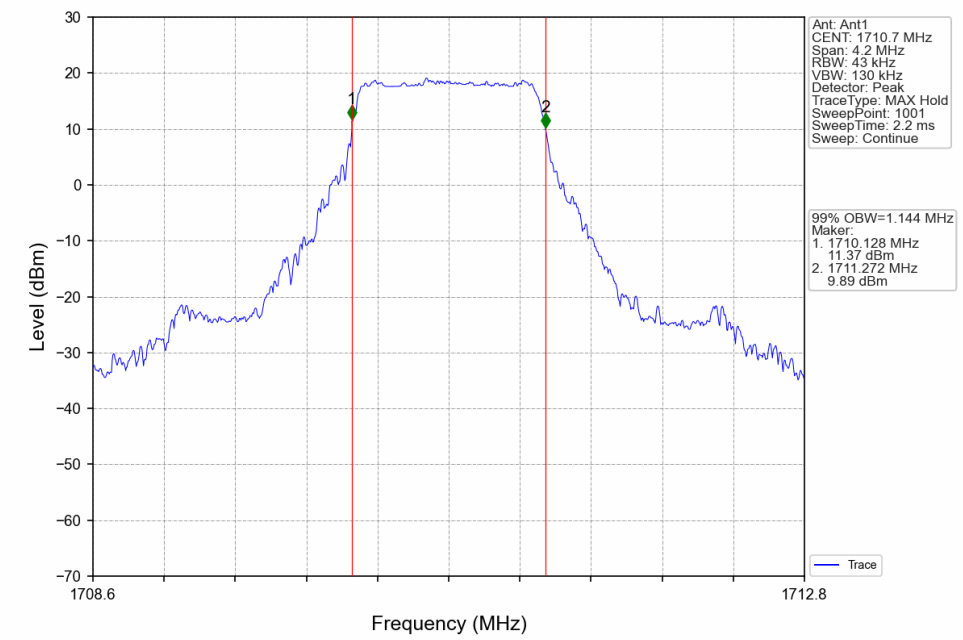
6.1.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

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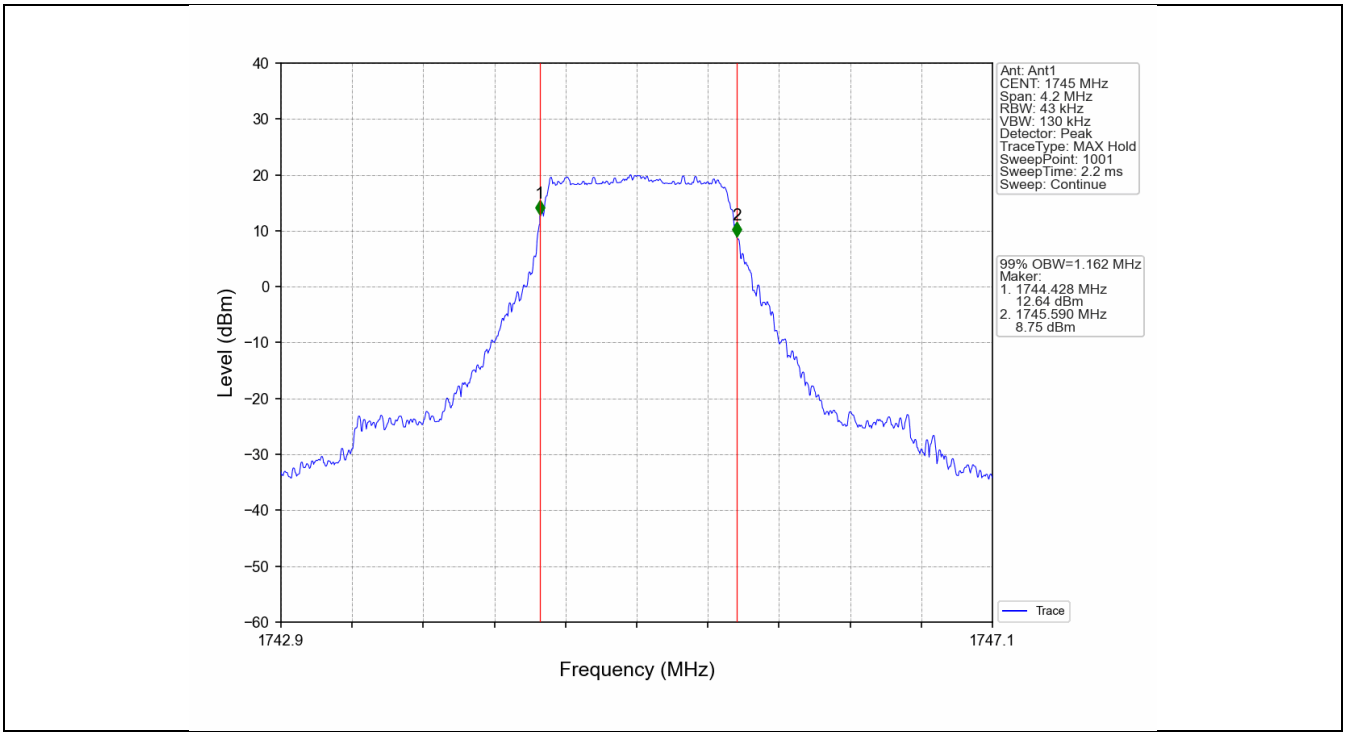

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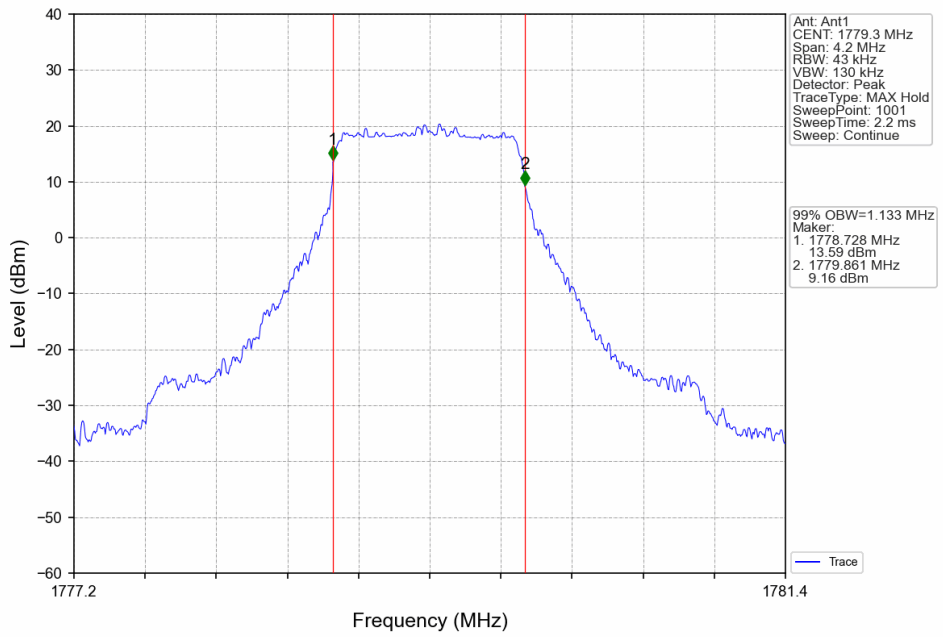
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

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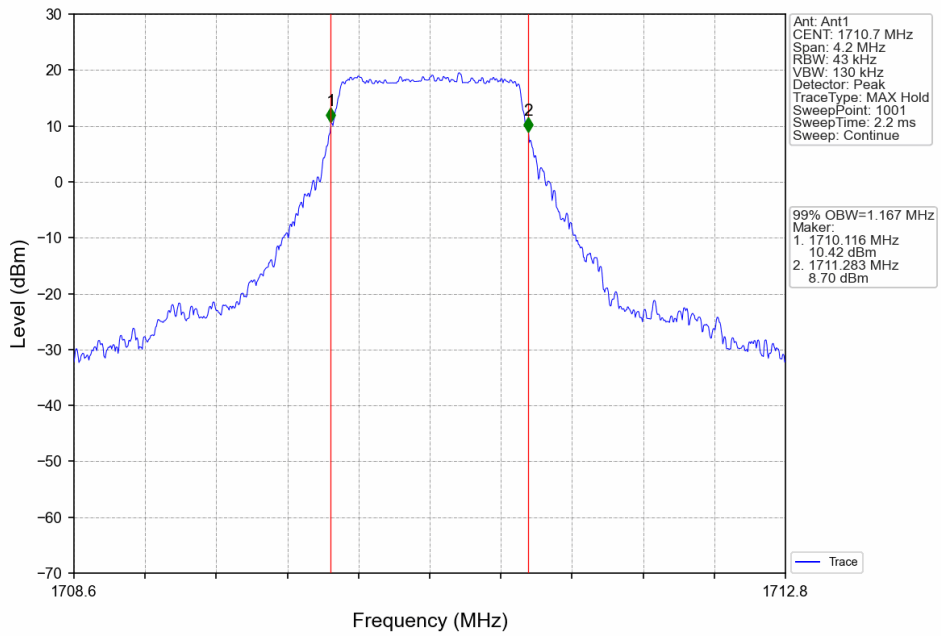

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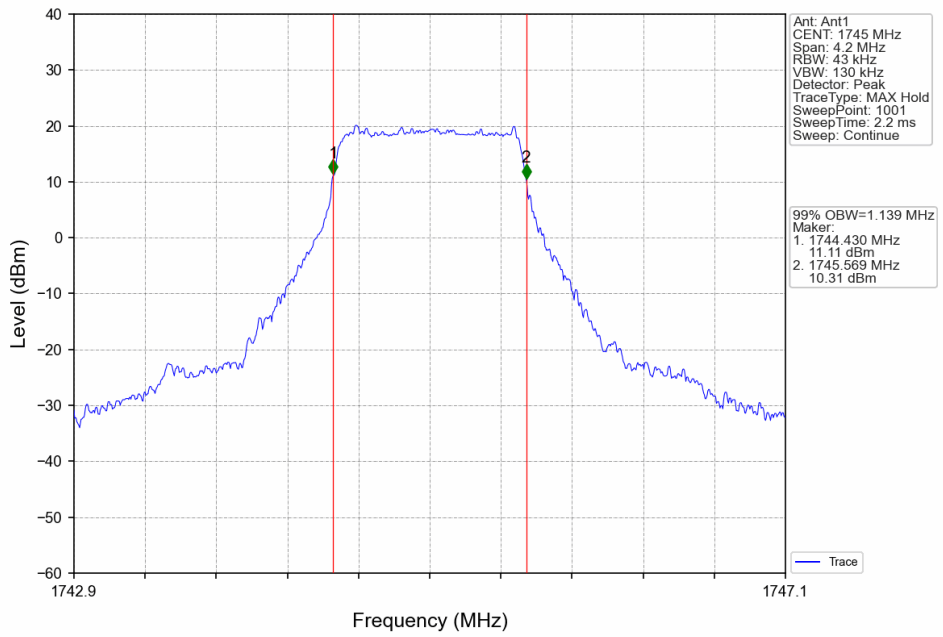
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

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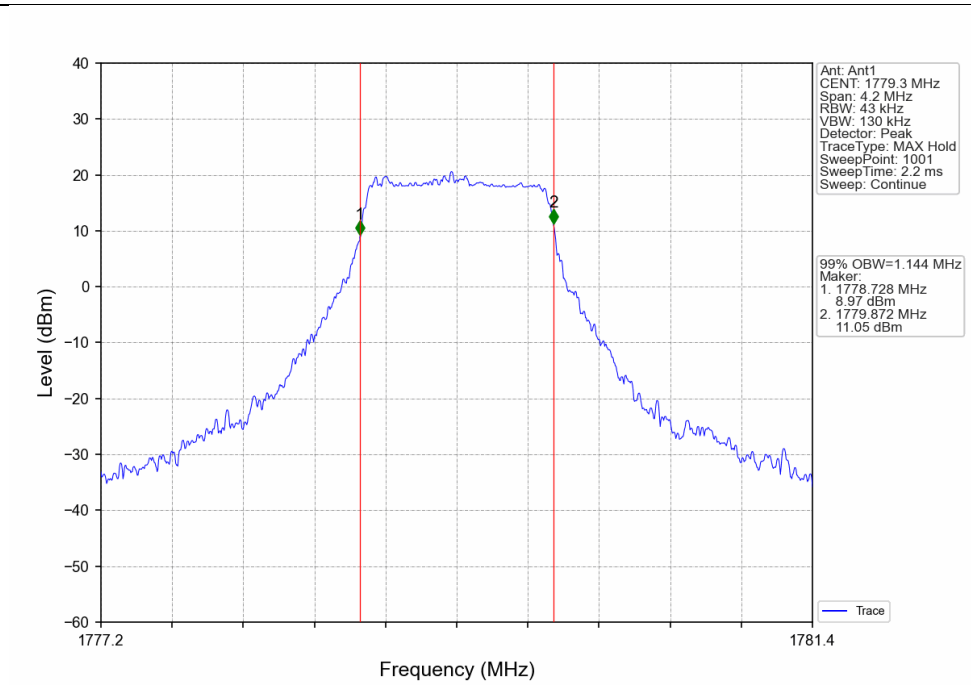

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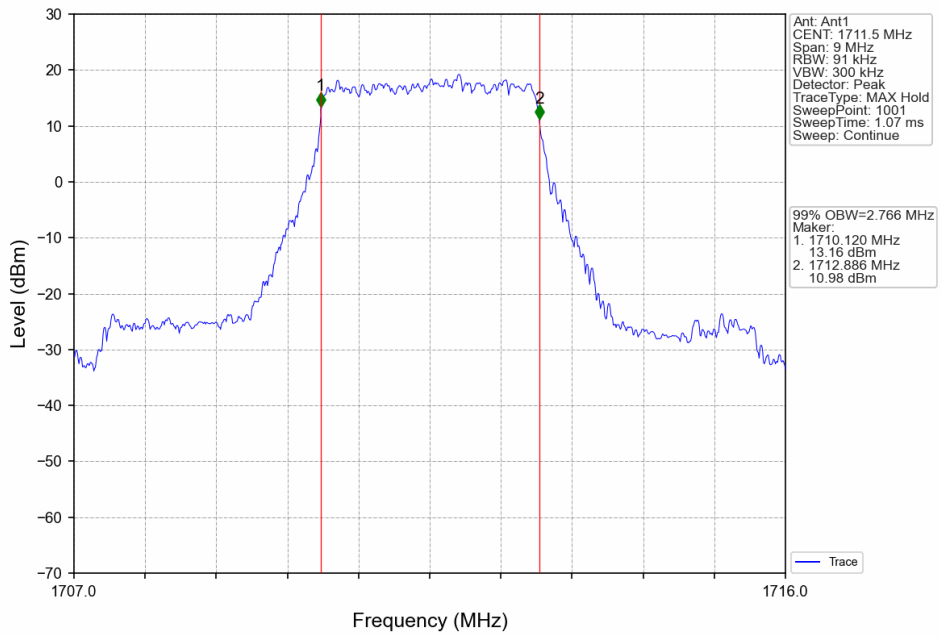
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

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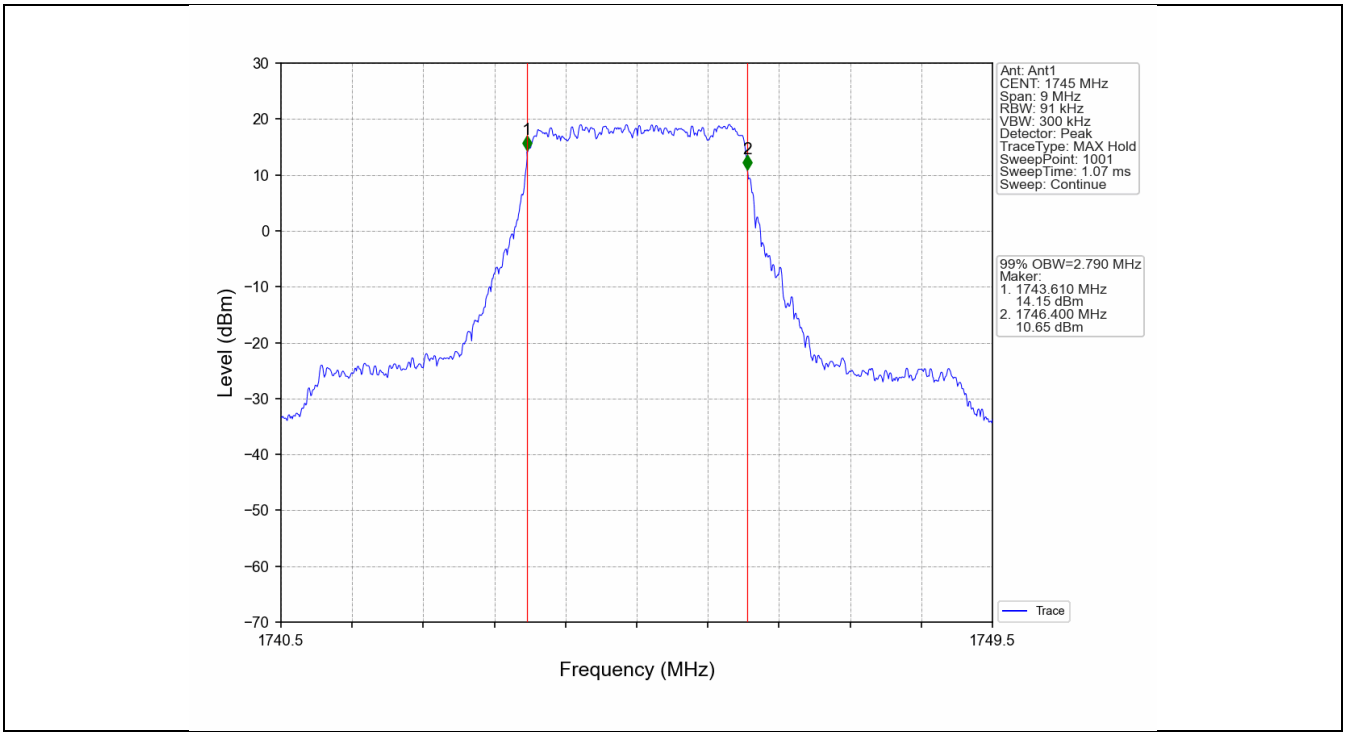

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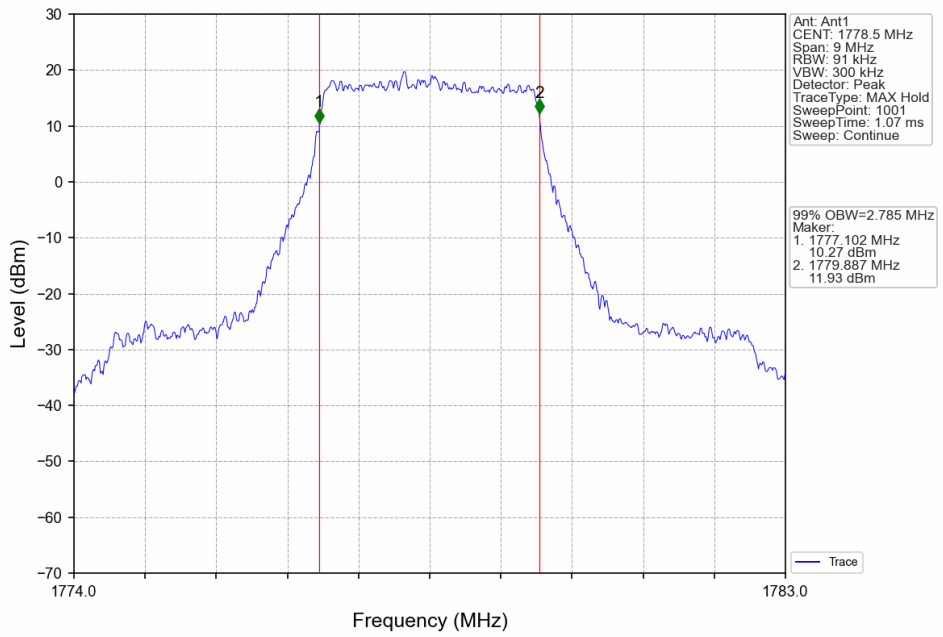
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

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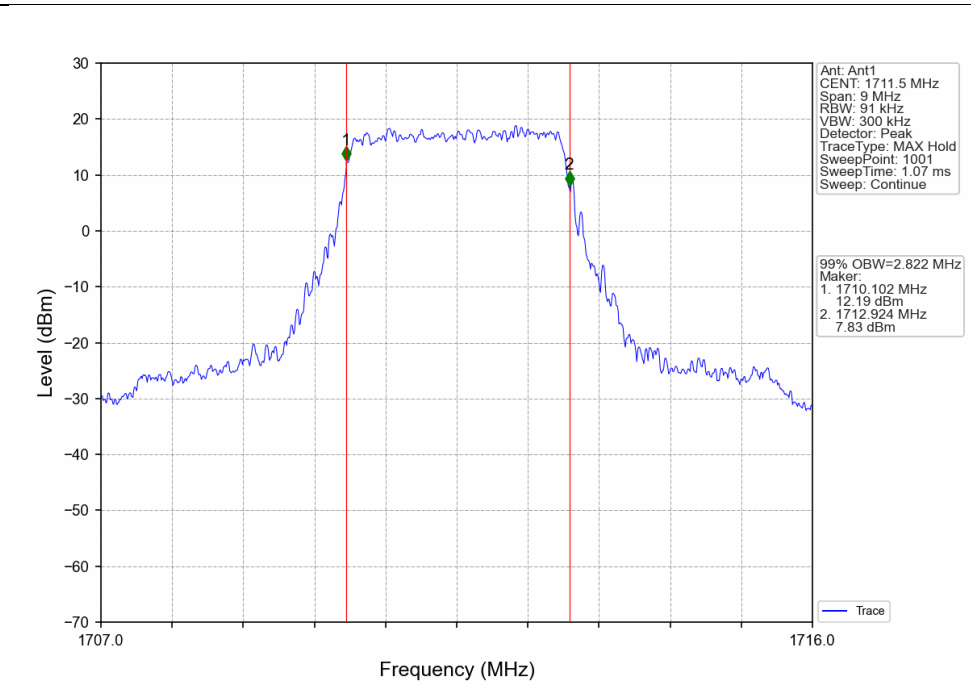

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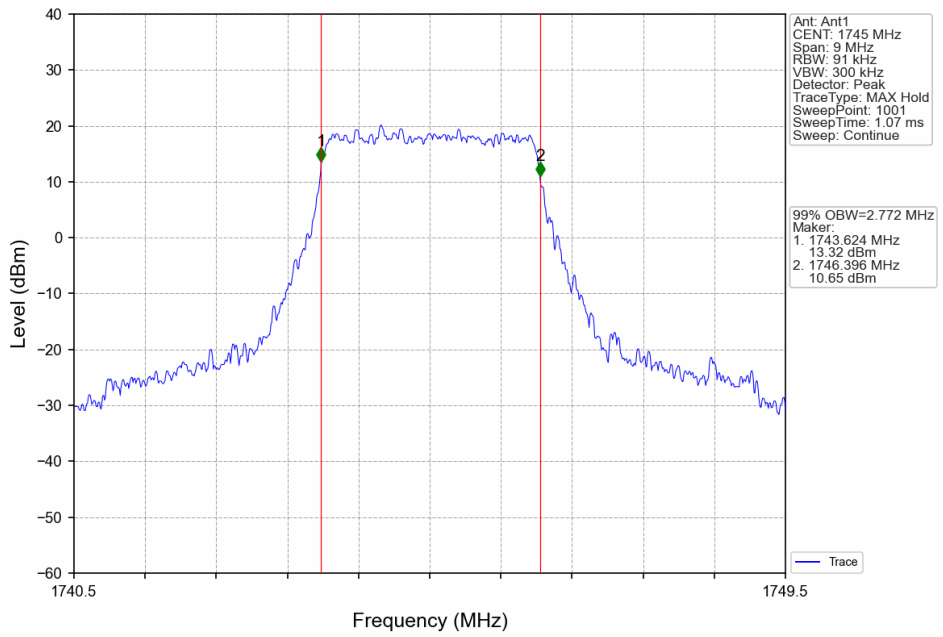
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



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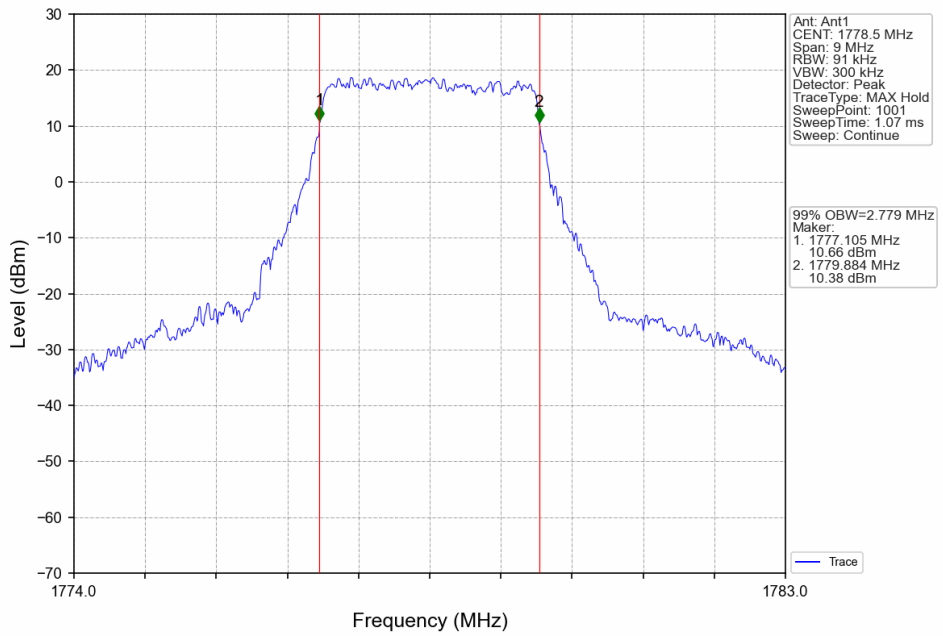

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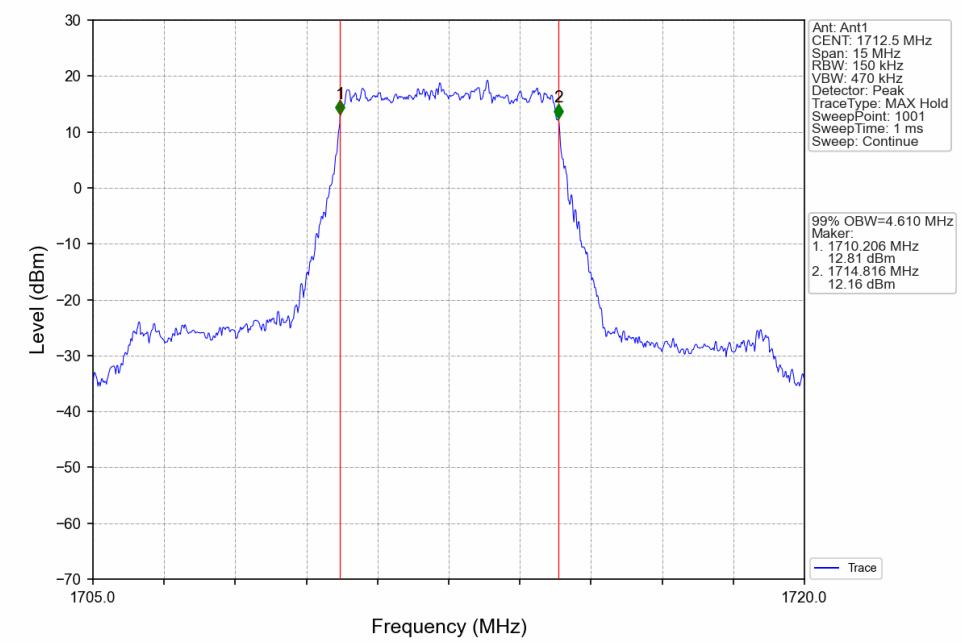
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



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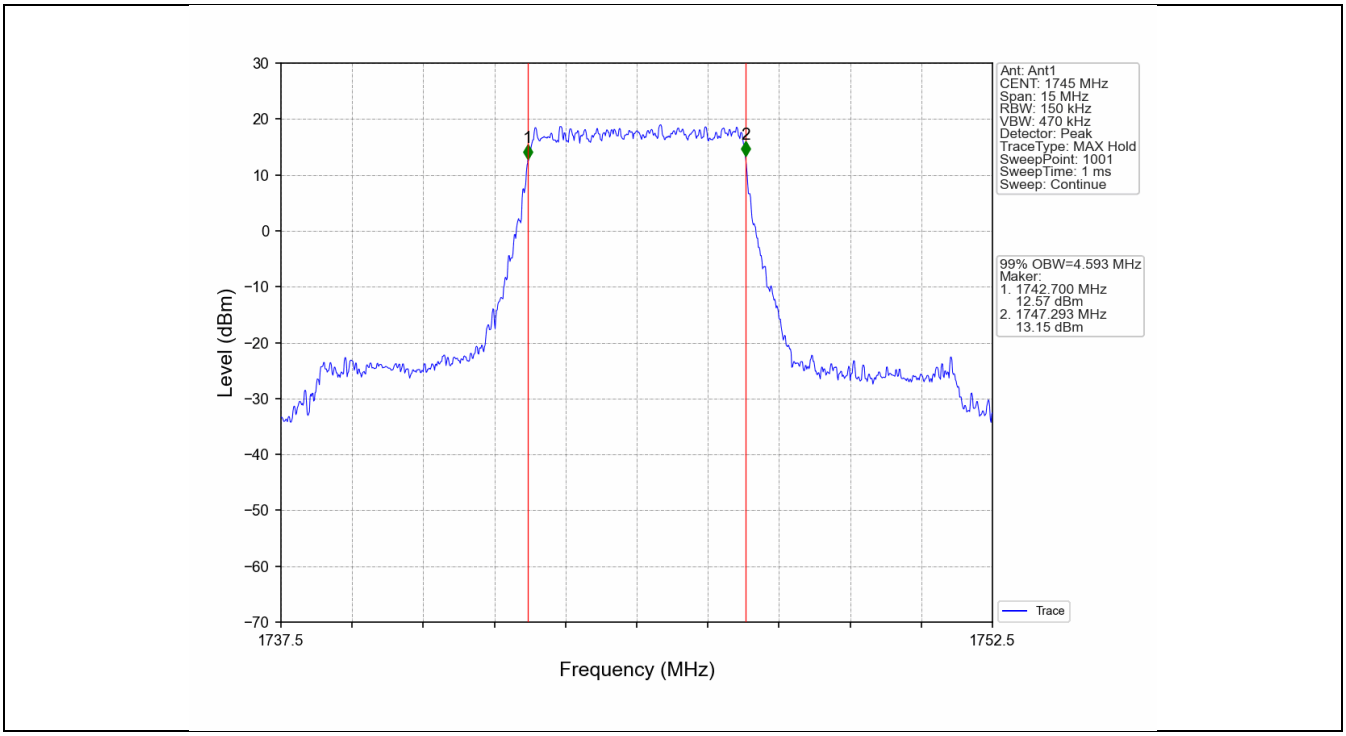

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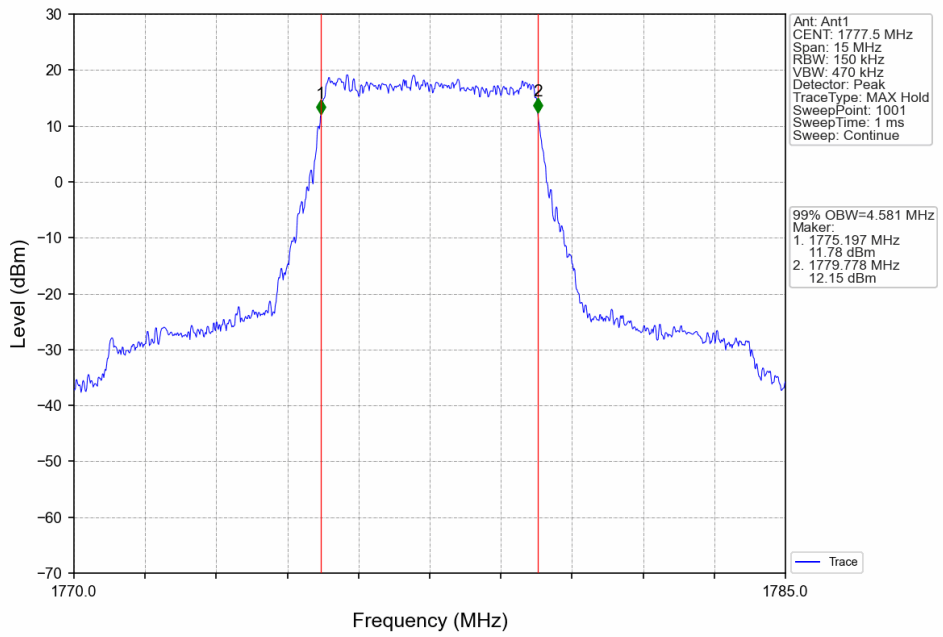

Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

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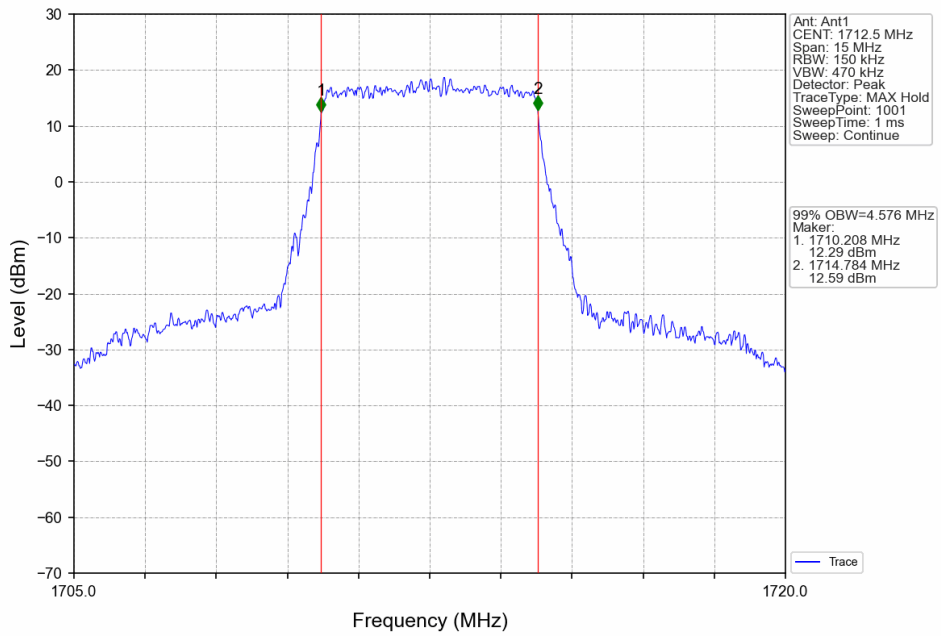

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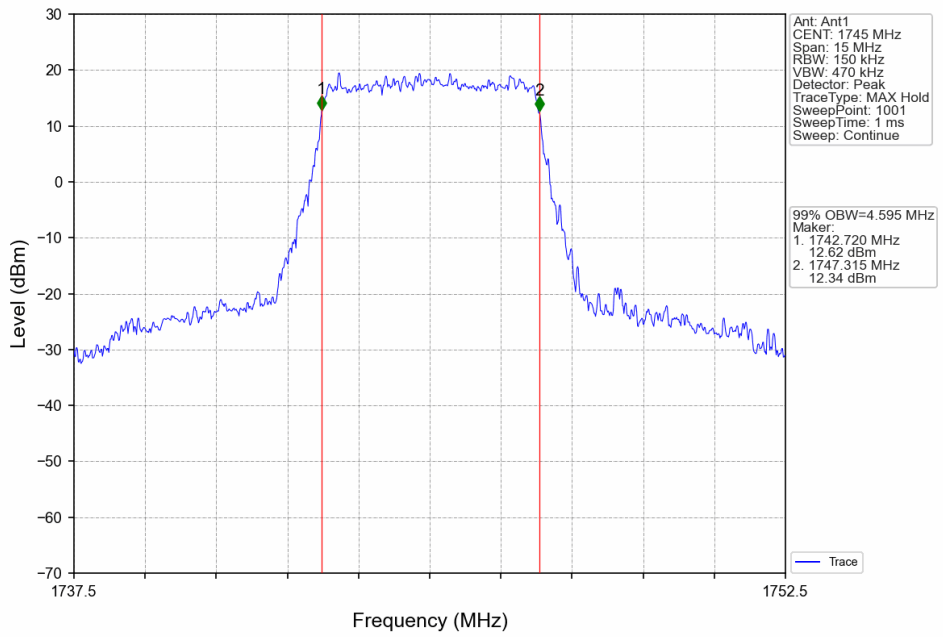
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

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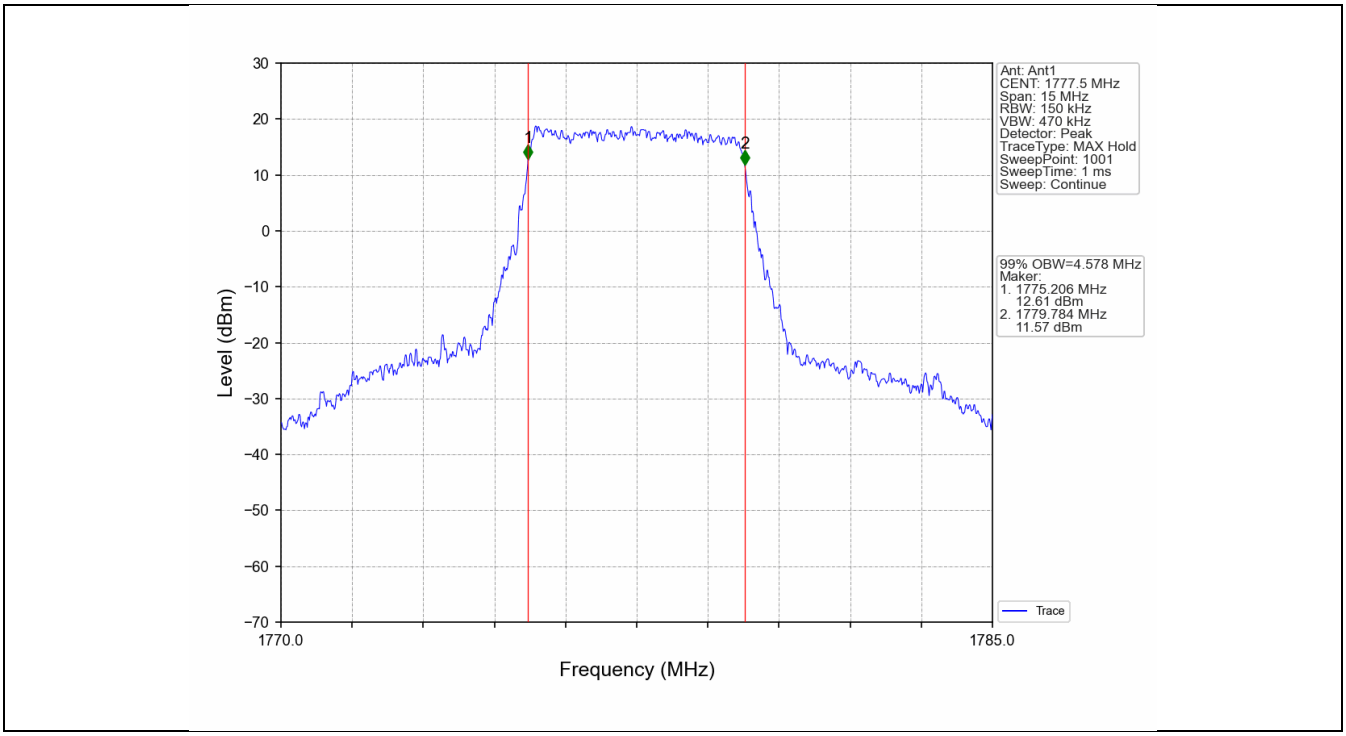

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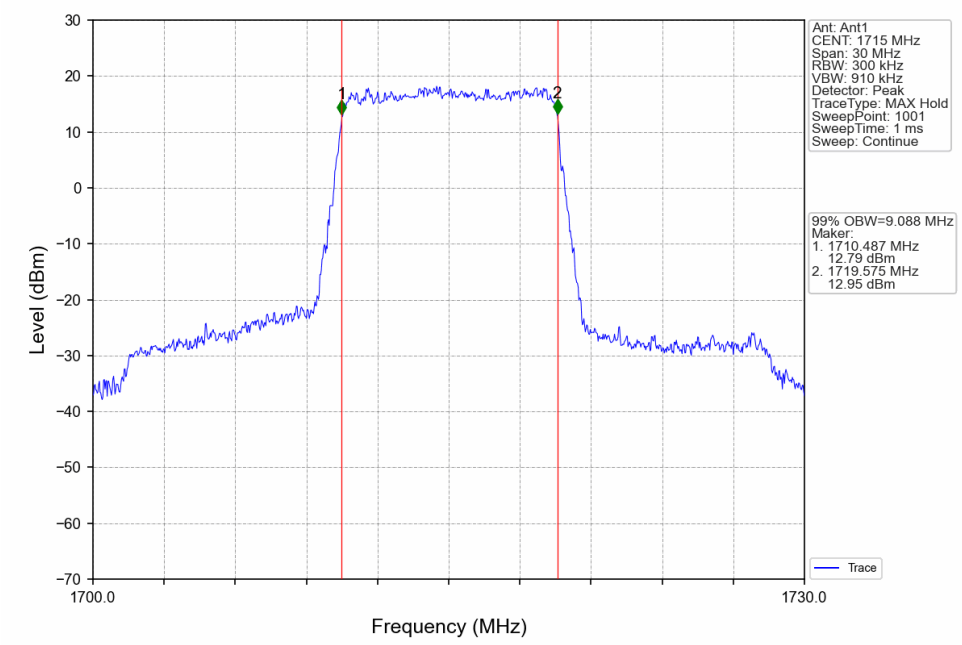
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

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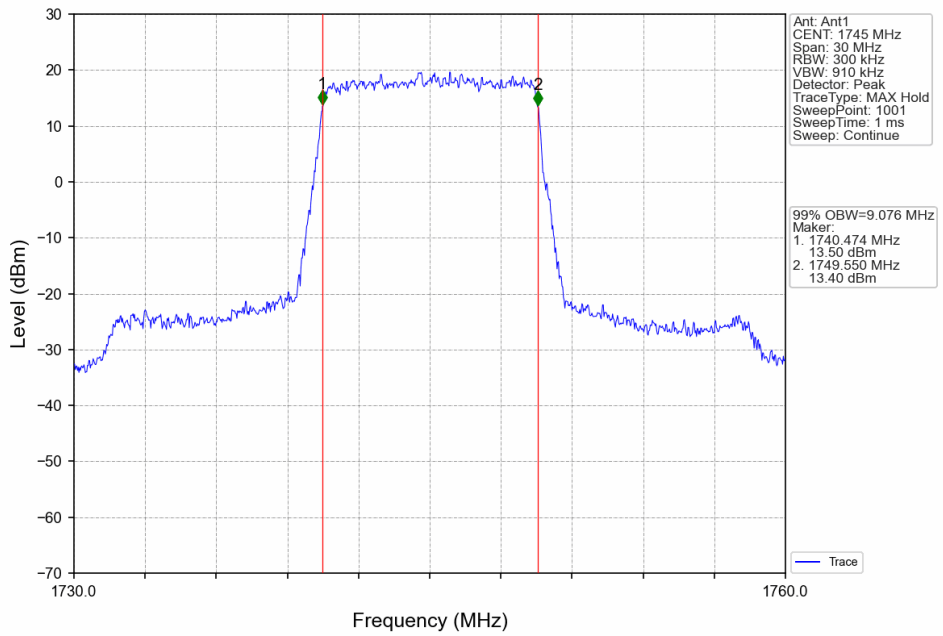

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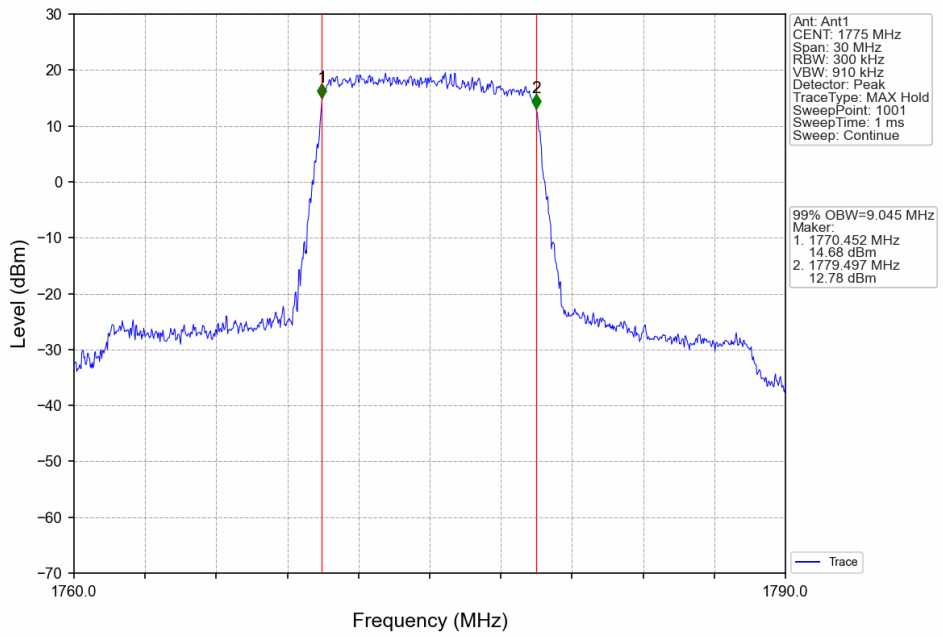
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

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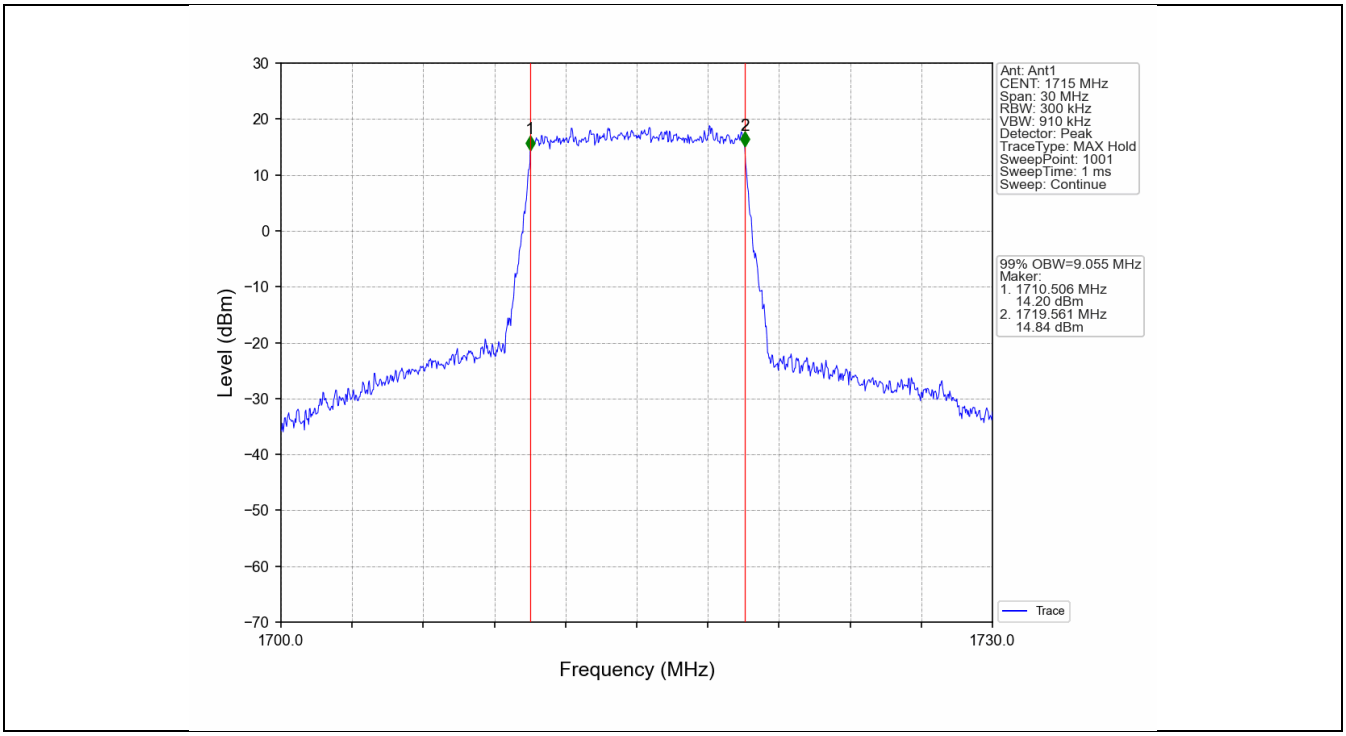

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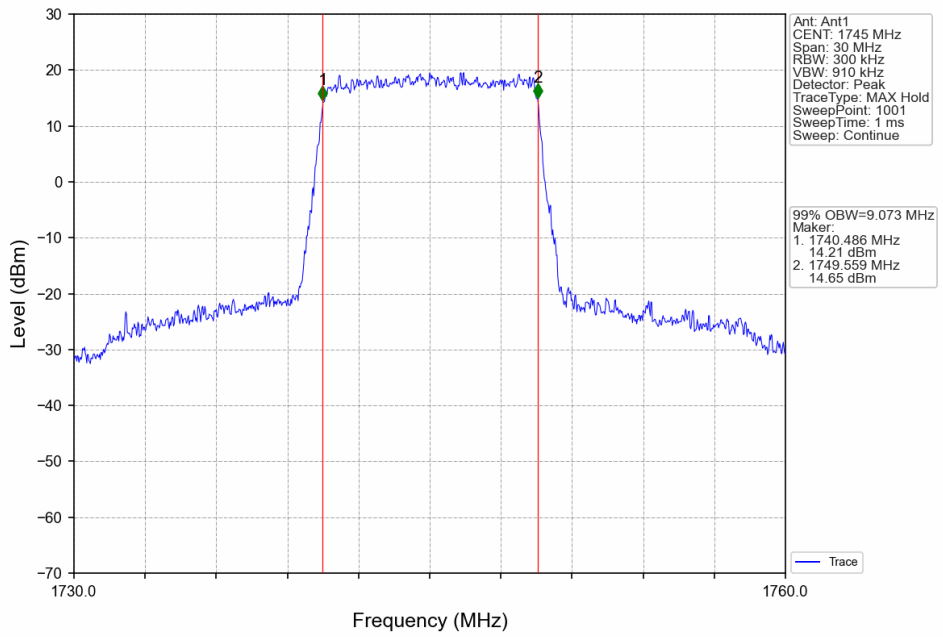
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV

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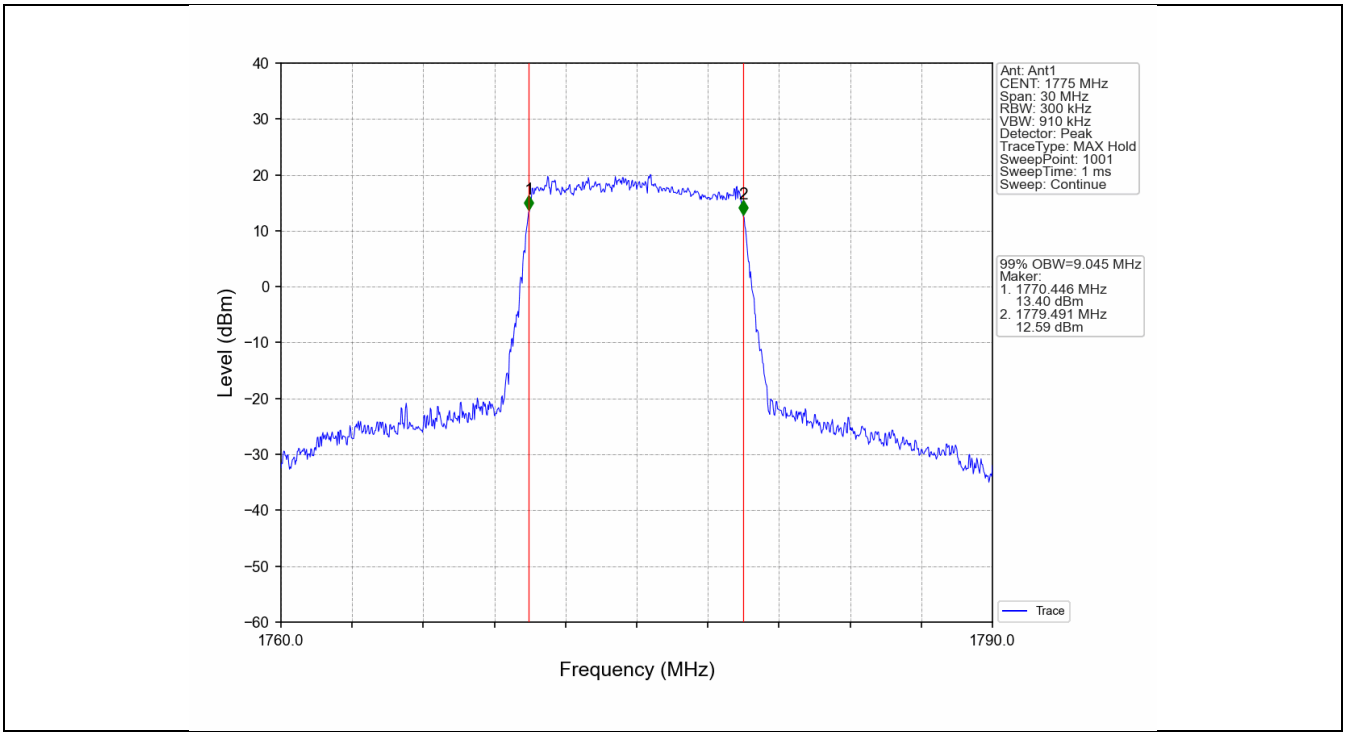

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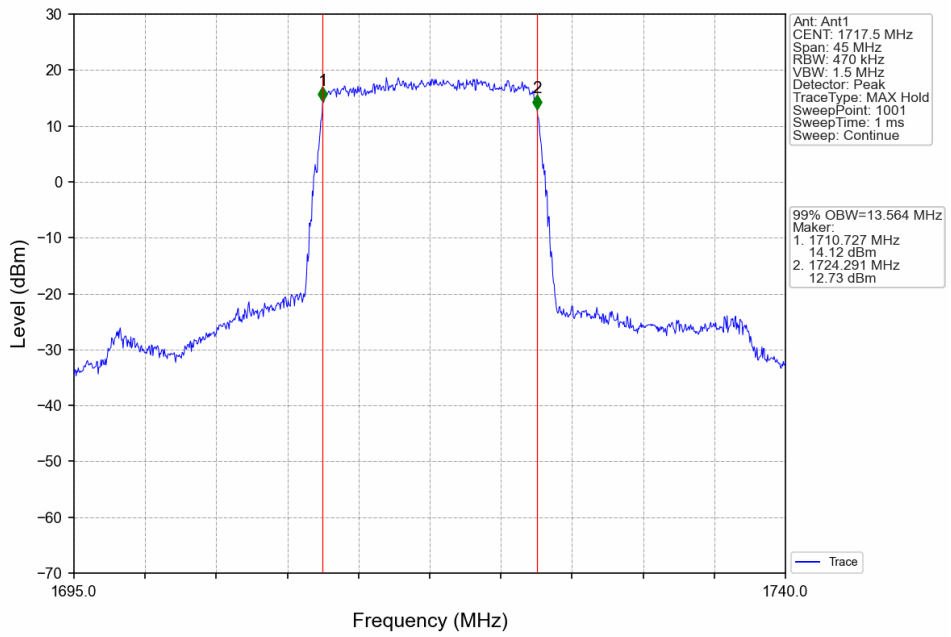
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



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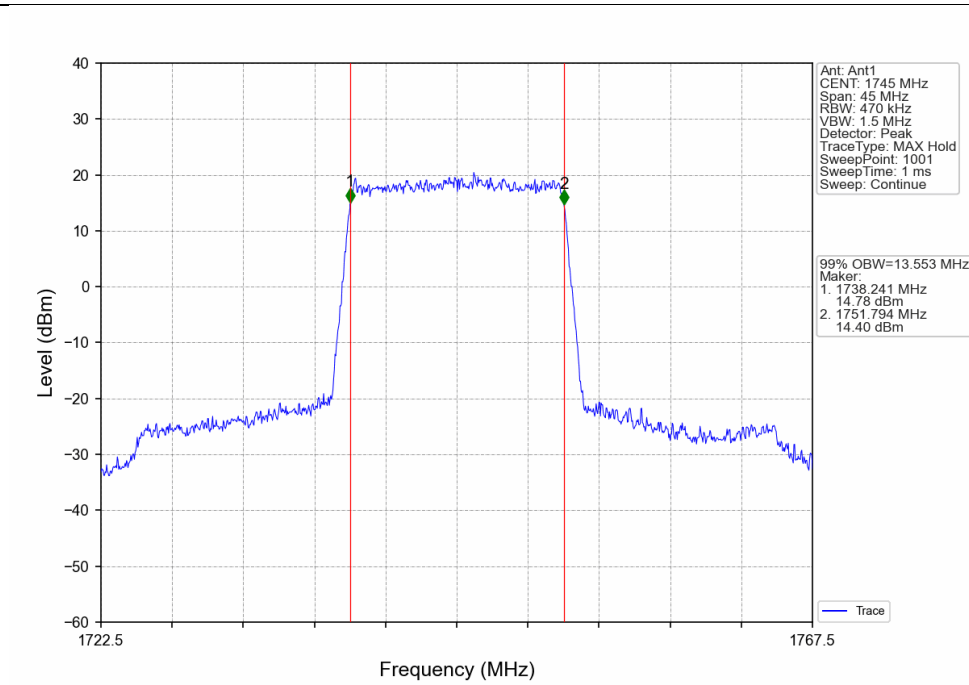

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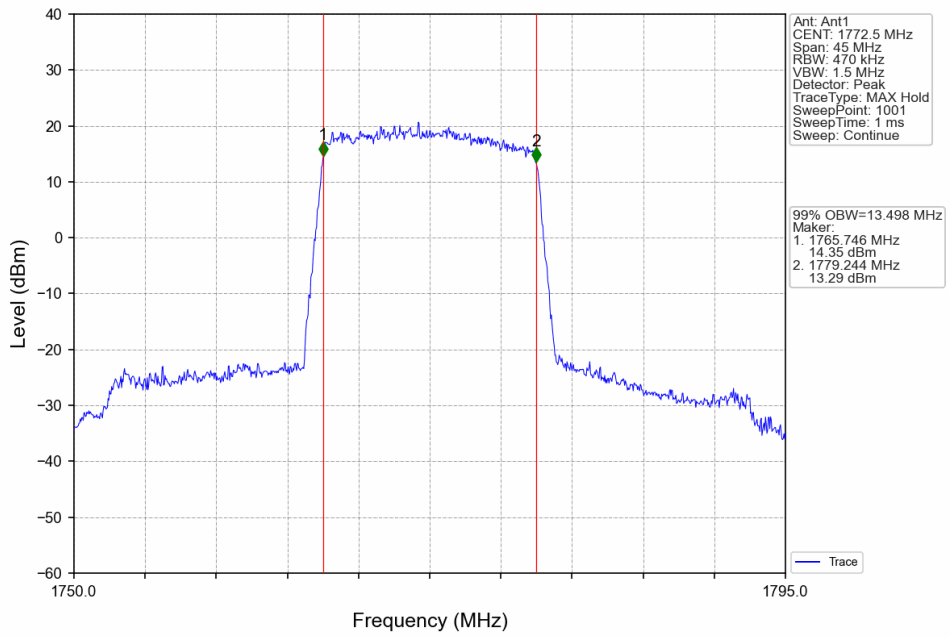

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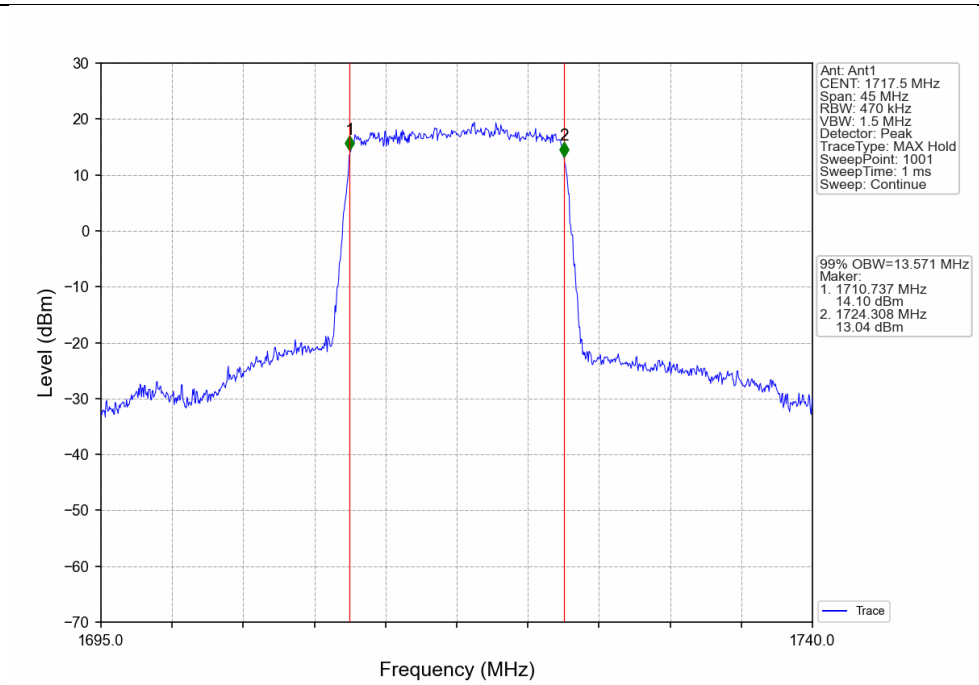

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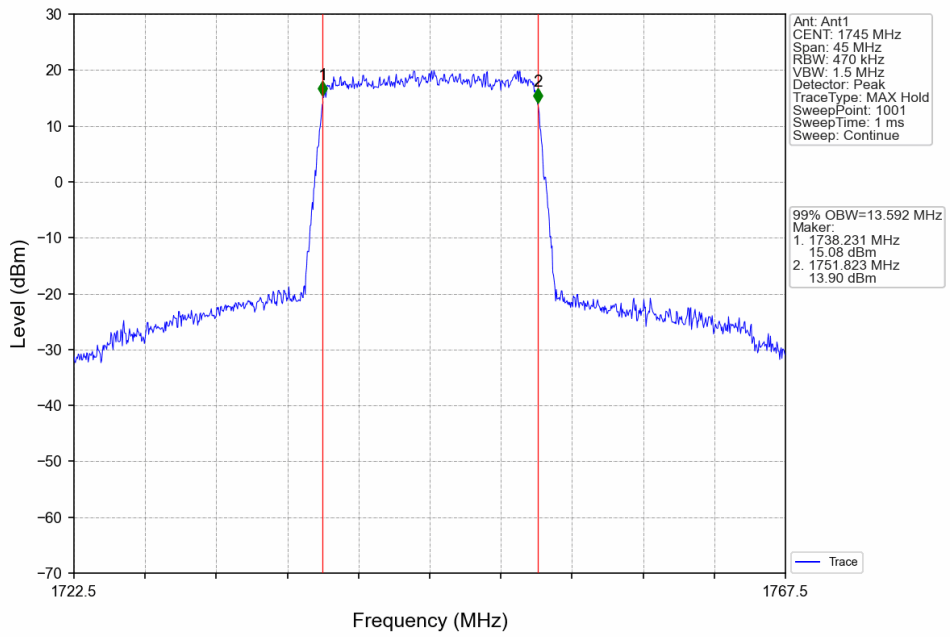
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV

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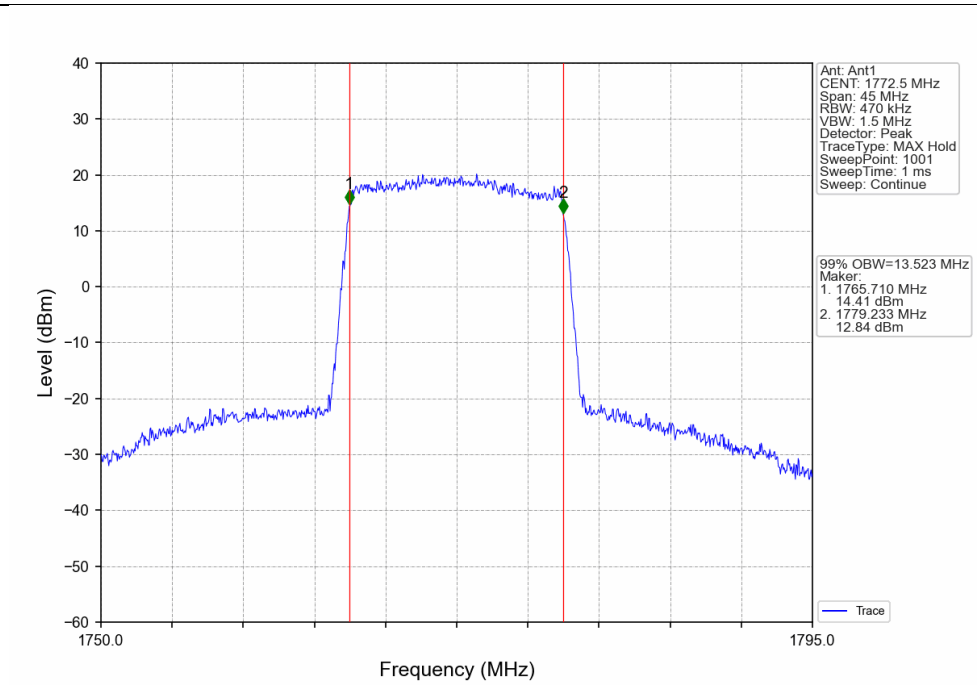

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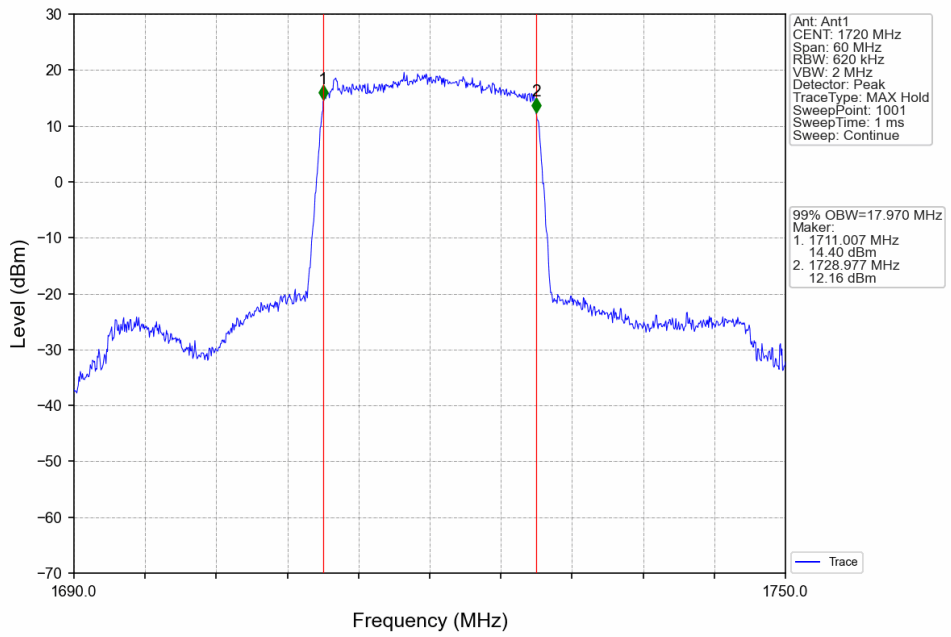
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

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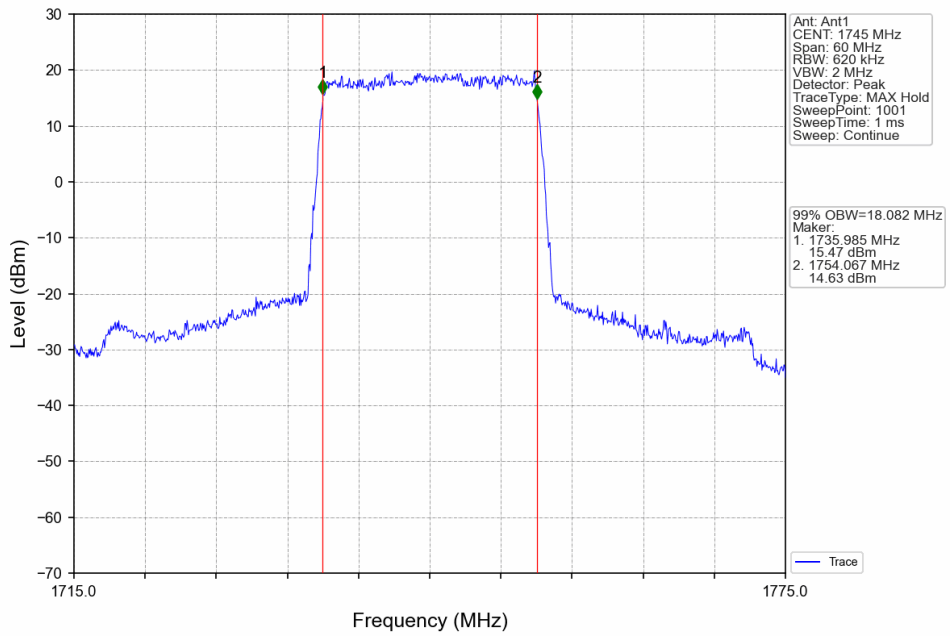

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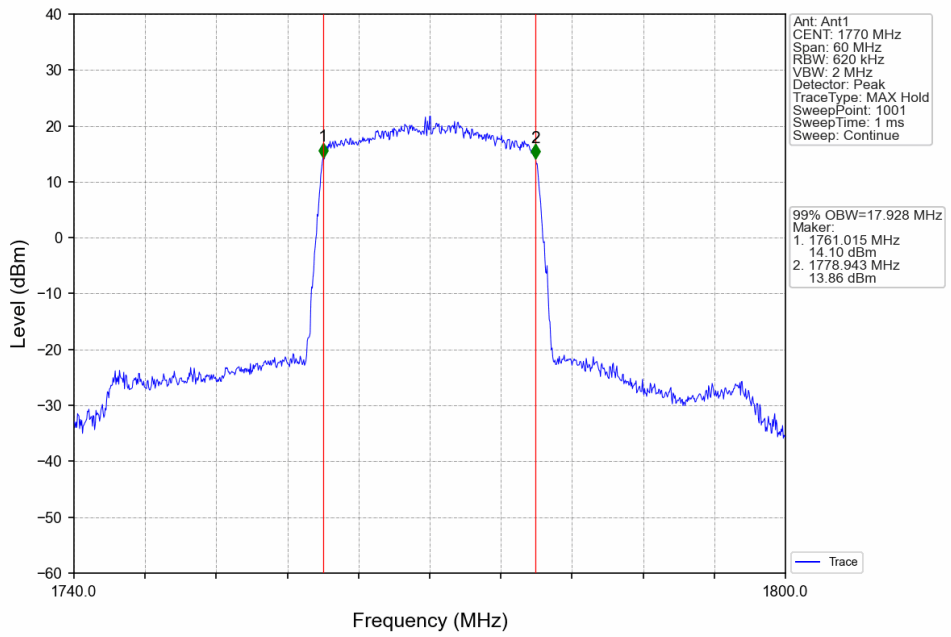
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

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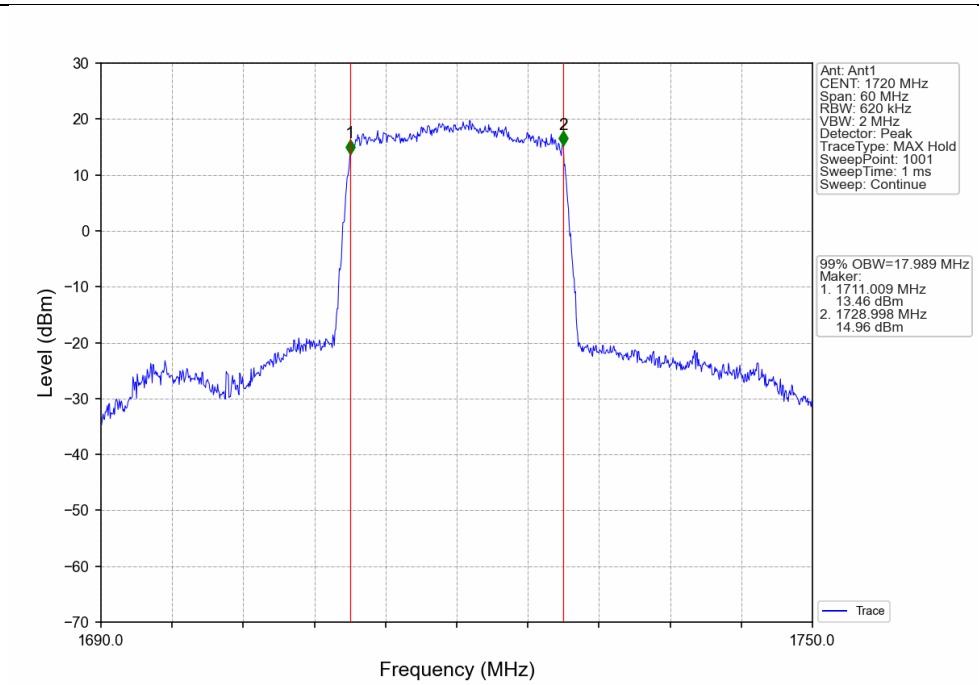

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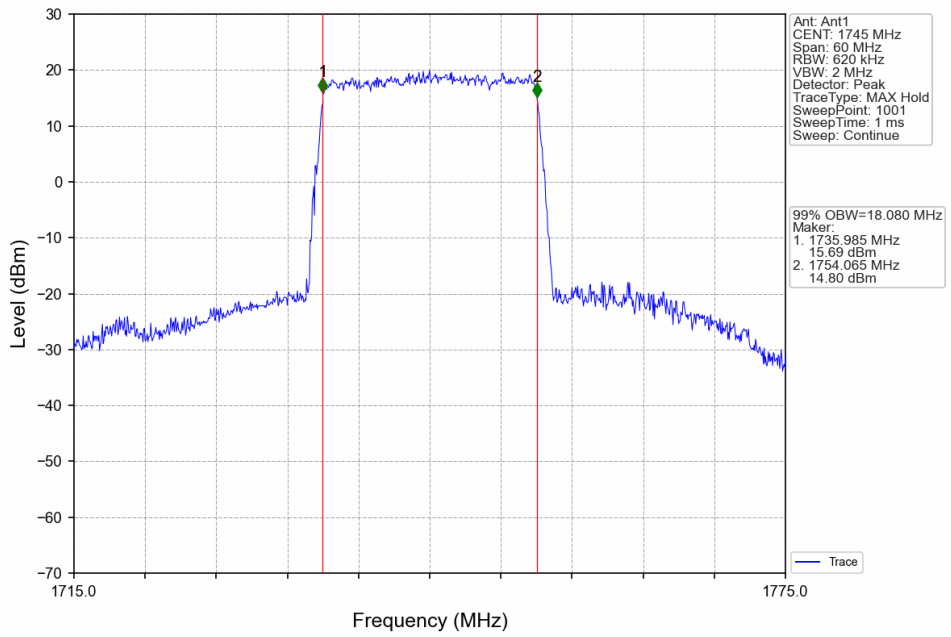

Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

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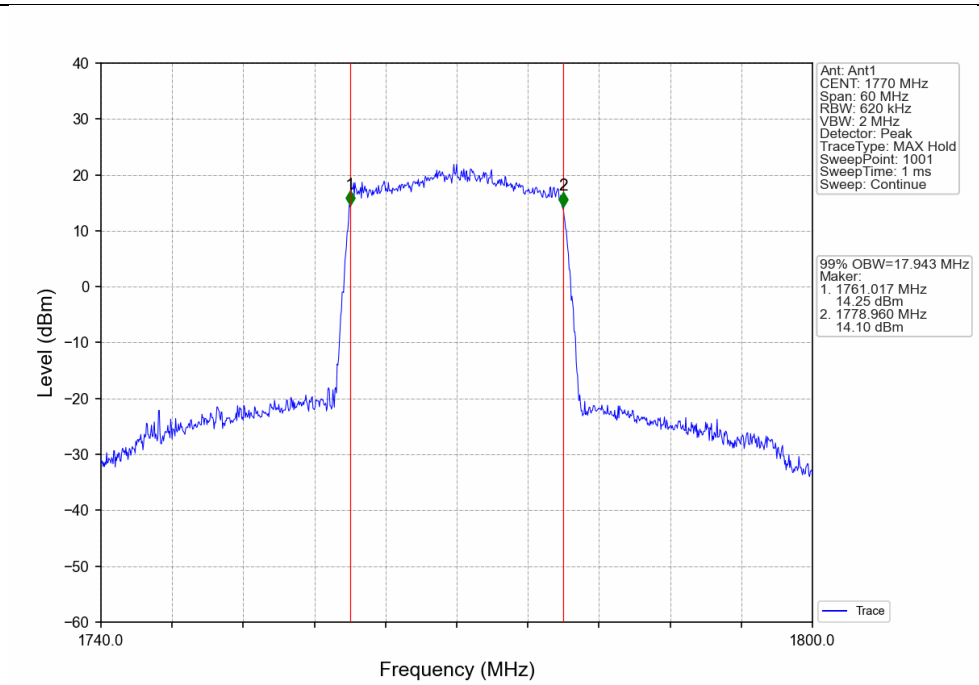

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6.2 Band66_XDB

6.2.1 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	1.562	Pass
		1745	6	0	1.605	Pass
		1779.3	6	0	1.572	Pass
	16QAM	1710.7	6	0	1.611	Pass
		1745	6	0	1.564	Pass
		1779.3	6	0	1.527	Pass
3	QPSK	1711.5	15	0	3.430	Pass
		1745	15	0	3.615	Pass
		1778.5	15	0	3.463	Pass
	16QAM	1711.5	15	0	3.574	Pass
		1745	15	0	3.466	Pass
		1778.5	15	0	3.509	Pass
5	QPSK	1712.5	25	0	5.487	Pass
		1745	25	0	5.444	Pass
		1777.5	25	0	5.493	Pass
	16QAM	1712.5	25	0	5.371	Pass
		1745	25	0	5.545	Pass
		1777.5	25	0	5.574	Pass
10	QPSK	1715	50	0	10.248	Pass
		1745	50	0	10.262	Pass
		1775	50	0	10.172	Pass
	16QAM	1715	50	0	10.137	Pass
		1745	50	0	10.181	Pass
		1775	50	0	10.106	Pass
15	QPSK	1717.5	75	0	15.113	Pass
		1745	75	0	14.879	Pass
		1772.5	75	0	14.835	Pass
	16QAM	1717.5	75	0	14.922	Pass
		1745	75	0	15.036	Pass
		1772.5	75	0	14.857	Pass
20	QPSK	1720	100	0	19.531	Pass
		1745	100	0	19.720	Pass
		1770	100	0	19.483	Pass
	16QAM	1720	100	0	19.558	Pass
		1745	100	0	19.856	Pass
		1770	100	0	19.552	Pass

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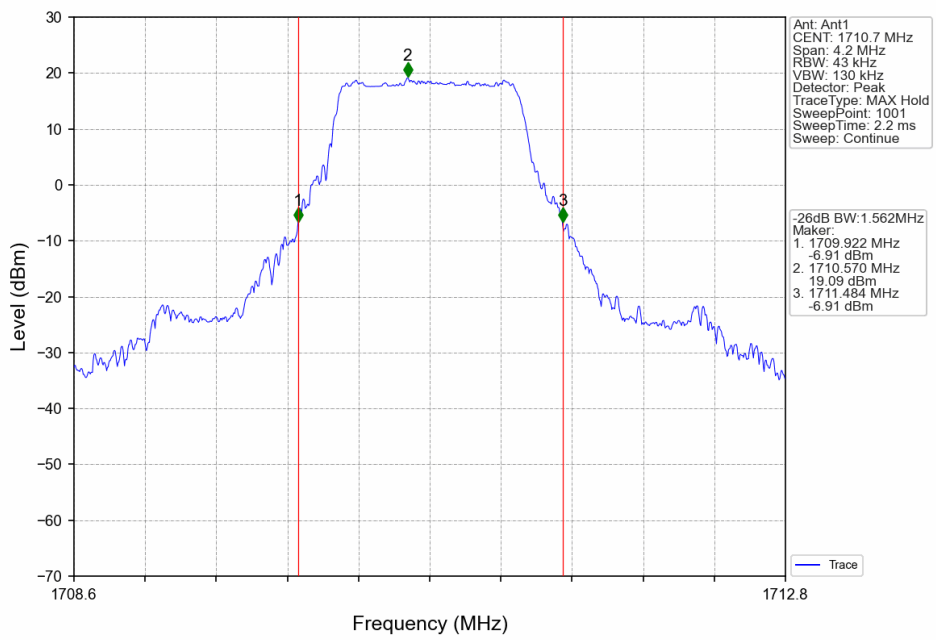
6.2.2 Test Graph

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



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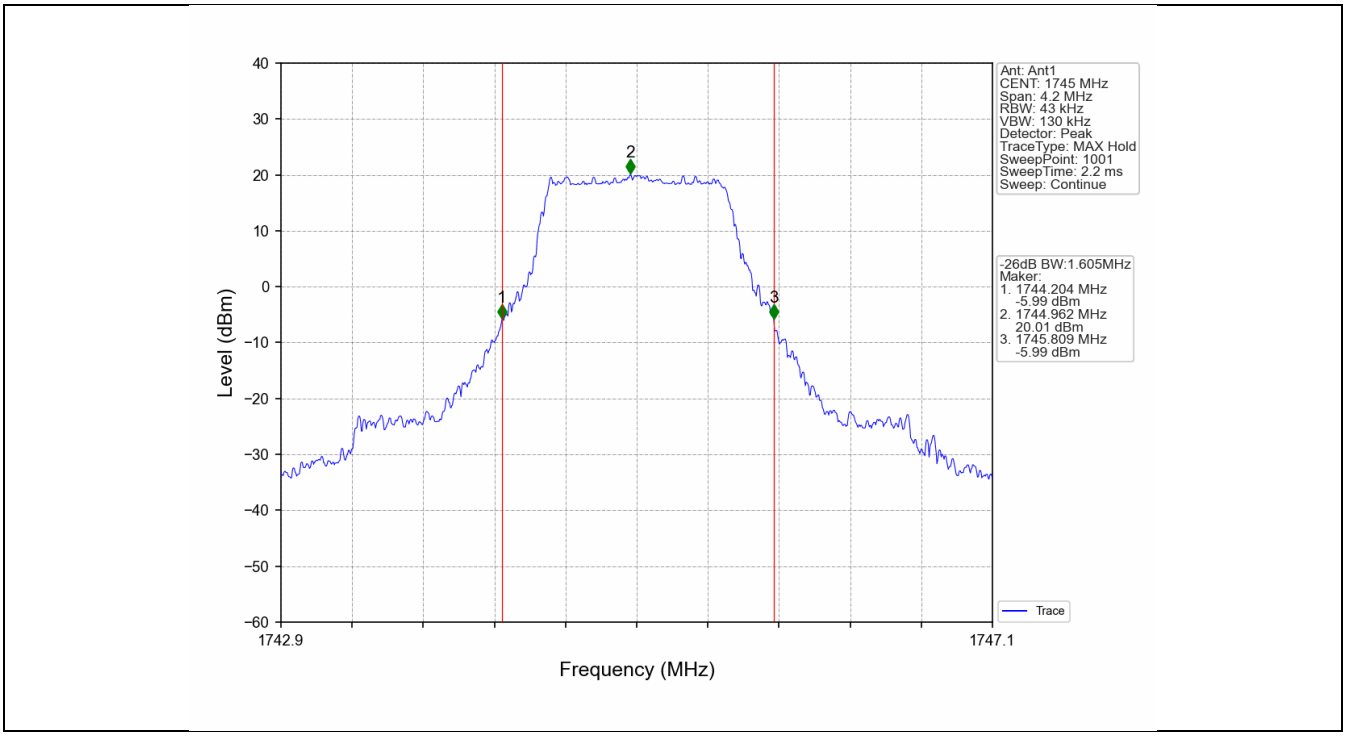

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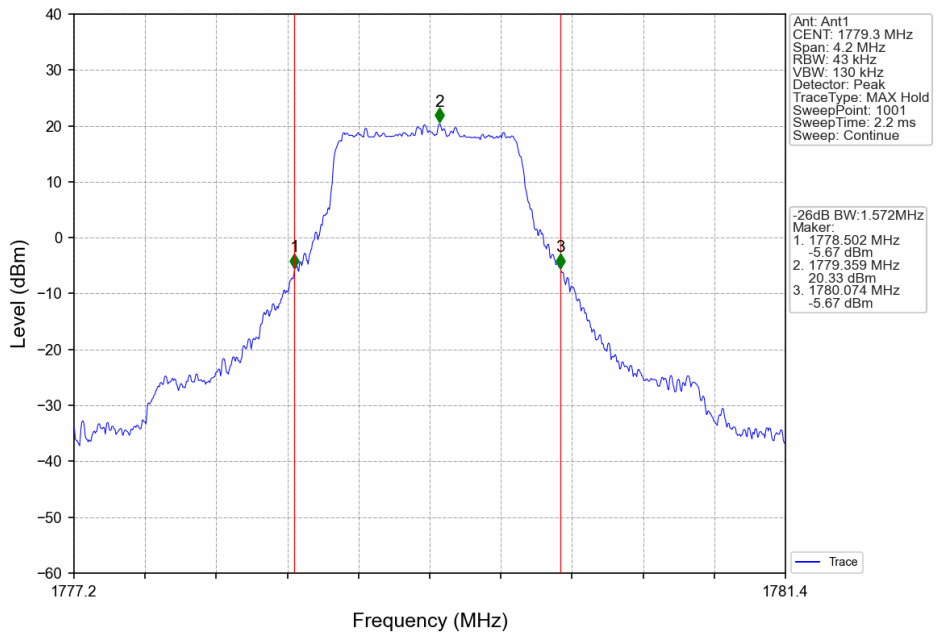
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

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