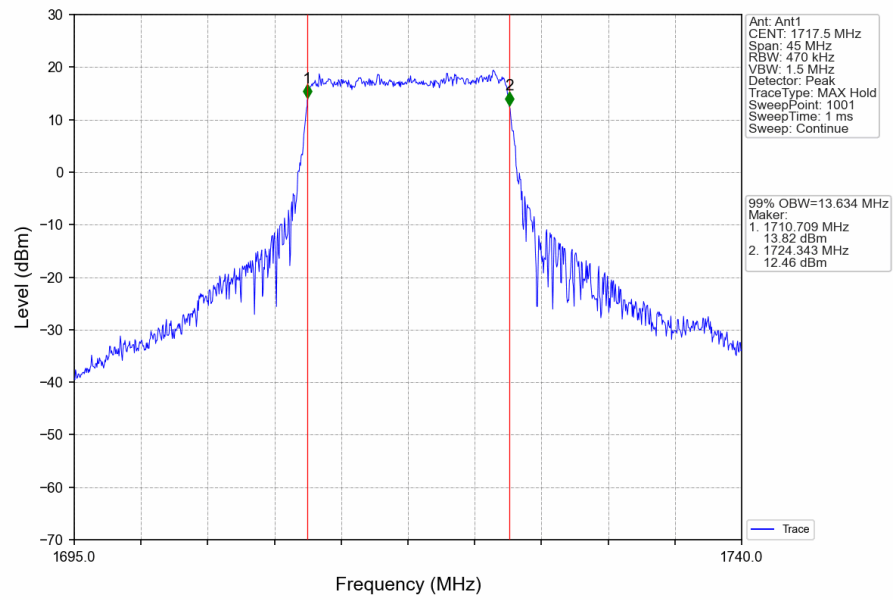
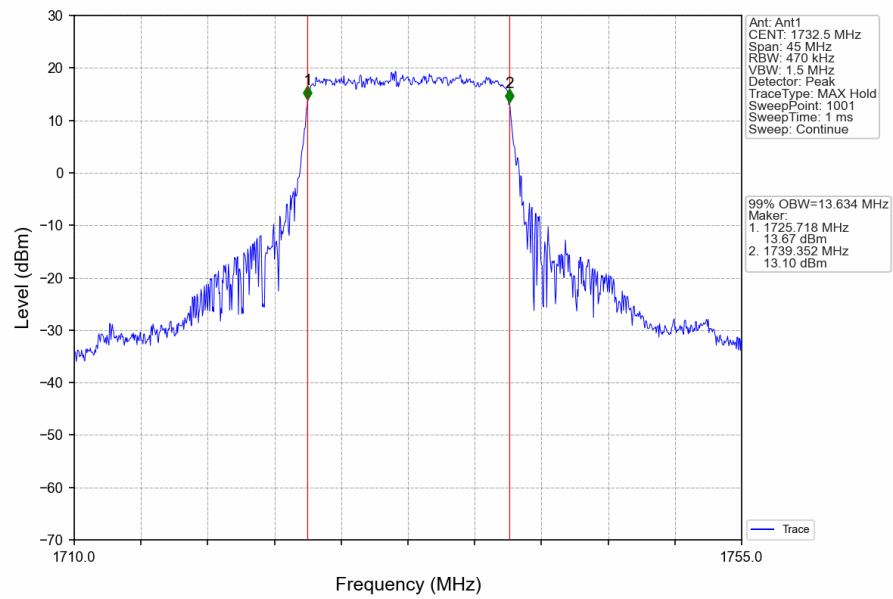


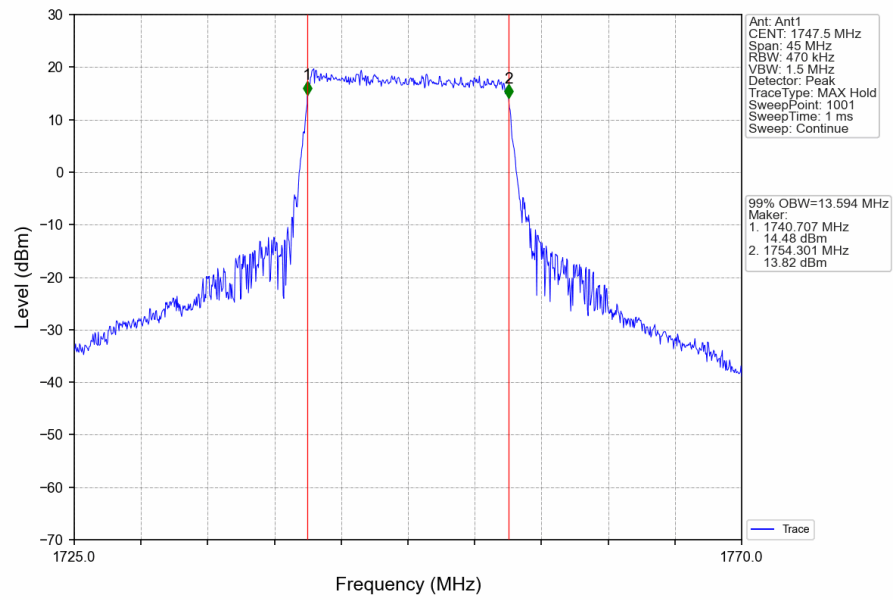
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



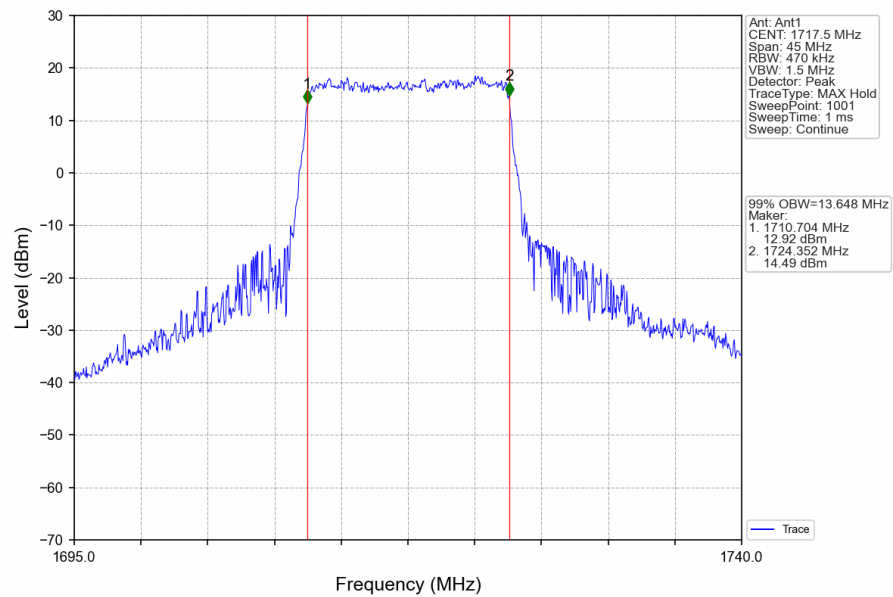
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



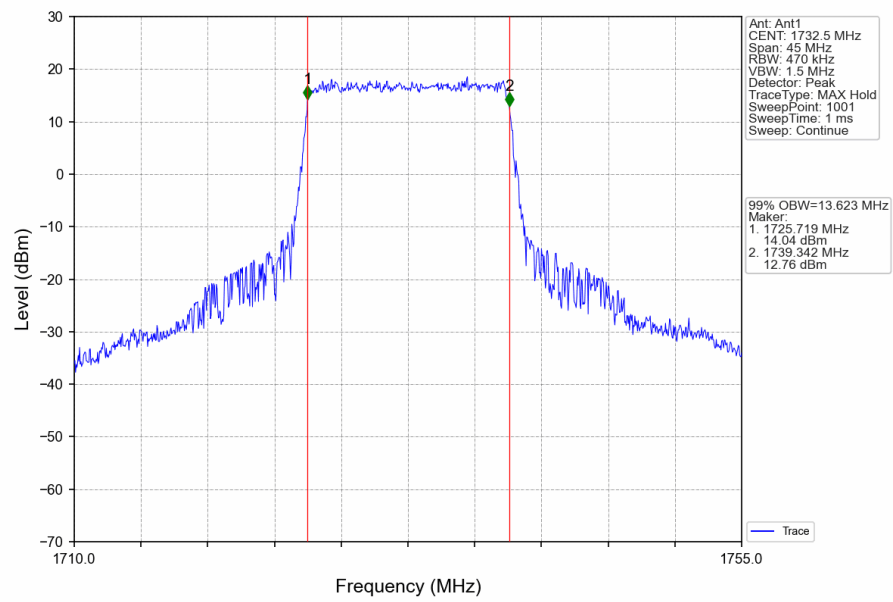
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



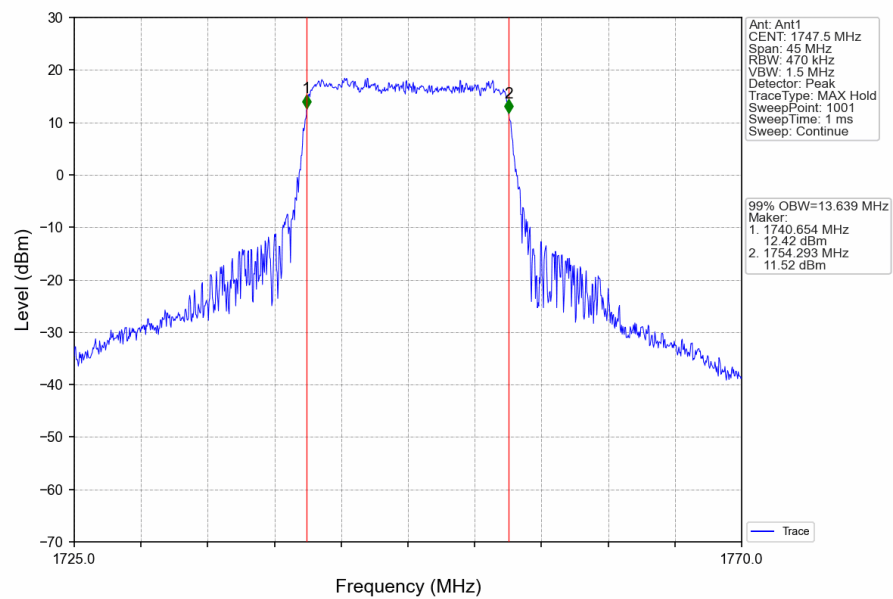
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



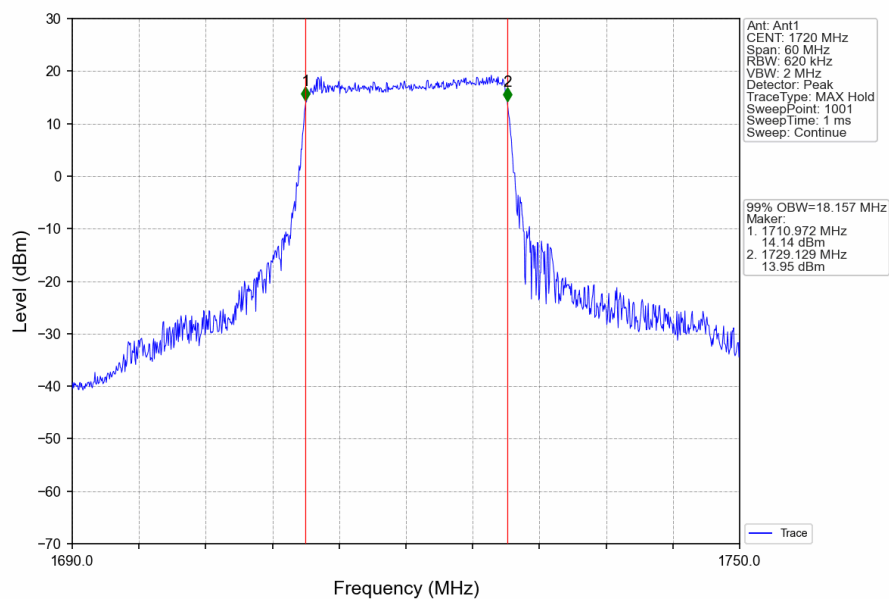
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



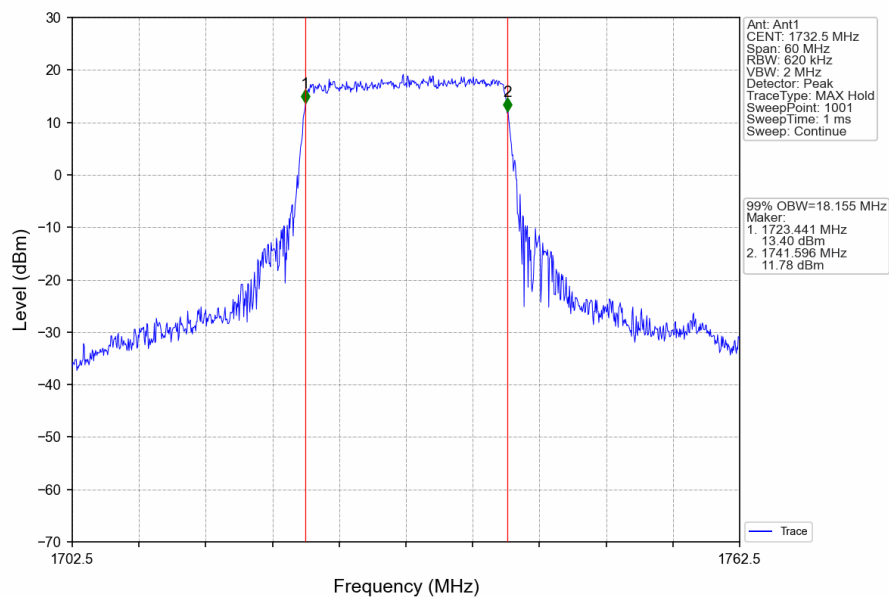
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



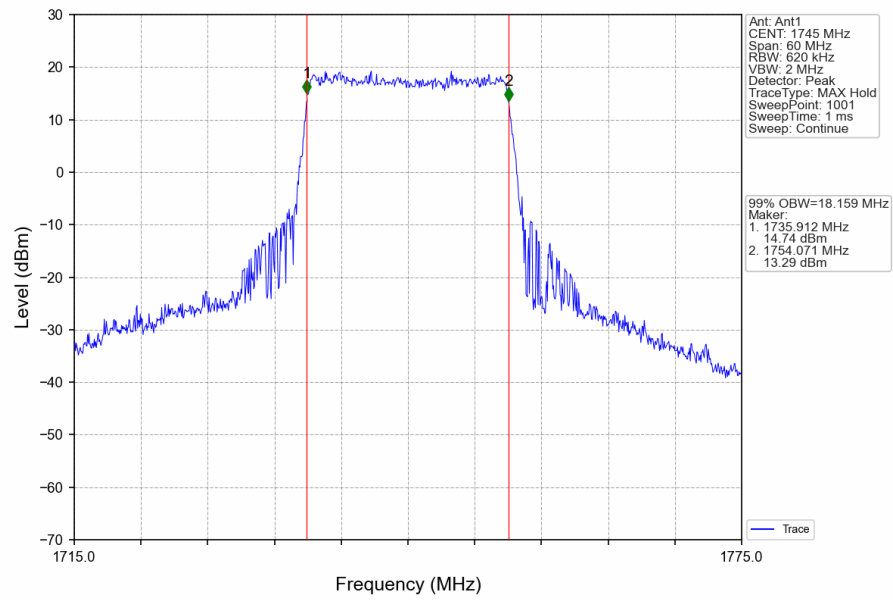
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



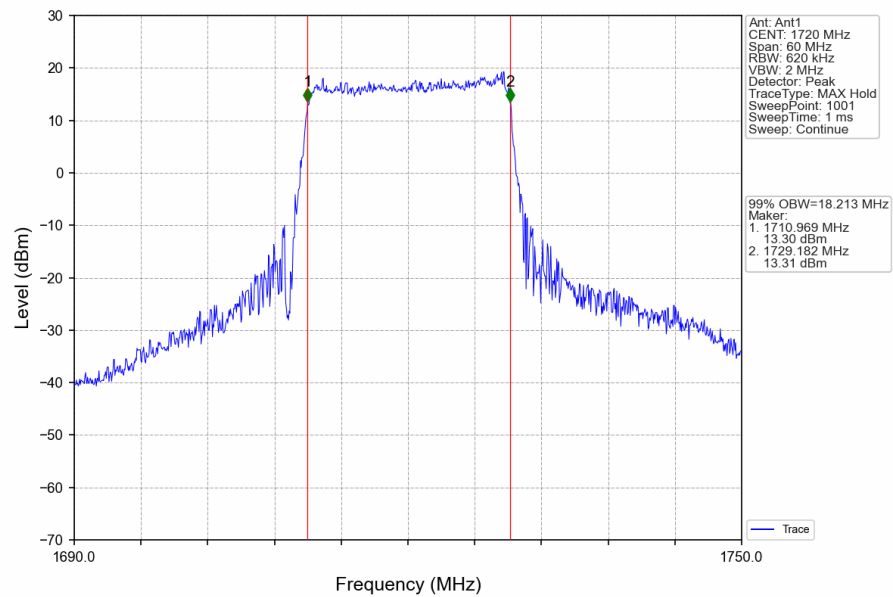
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



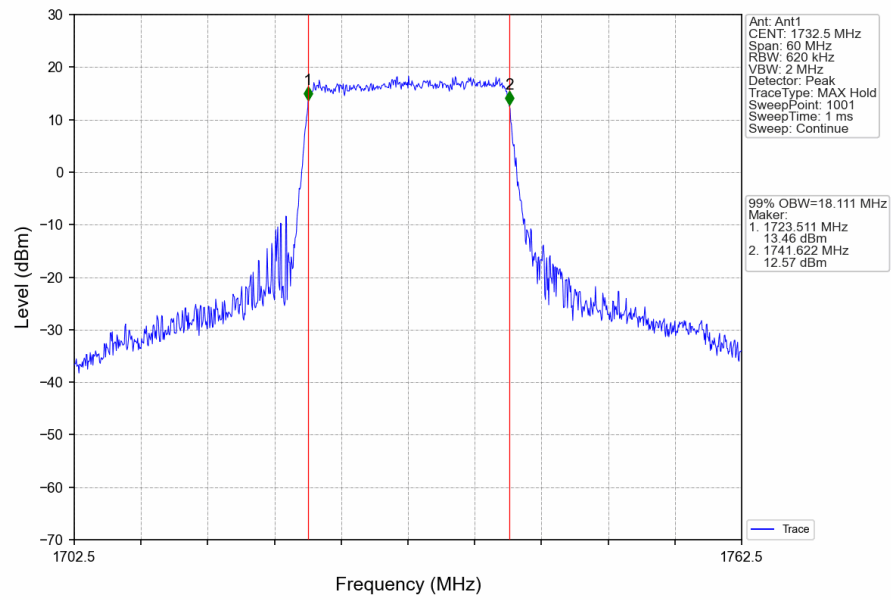
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



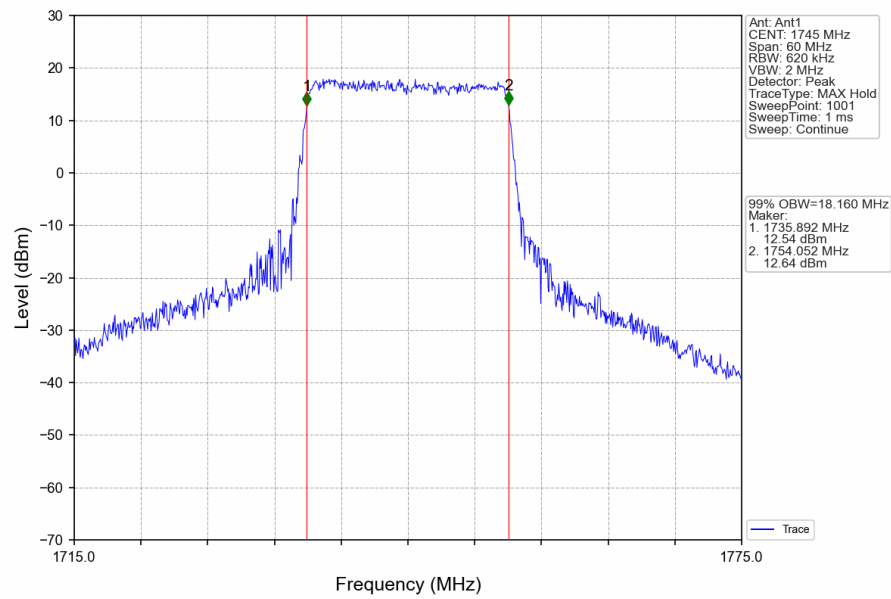
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

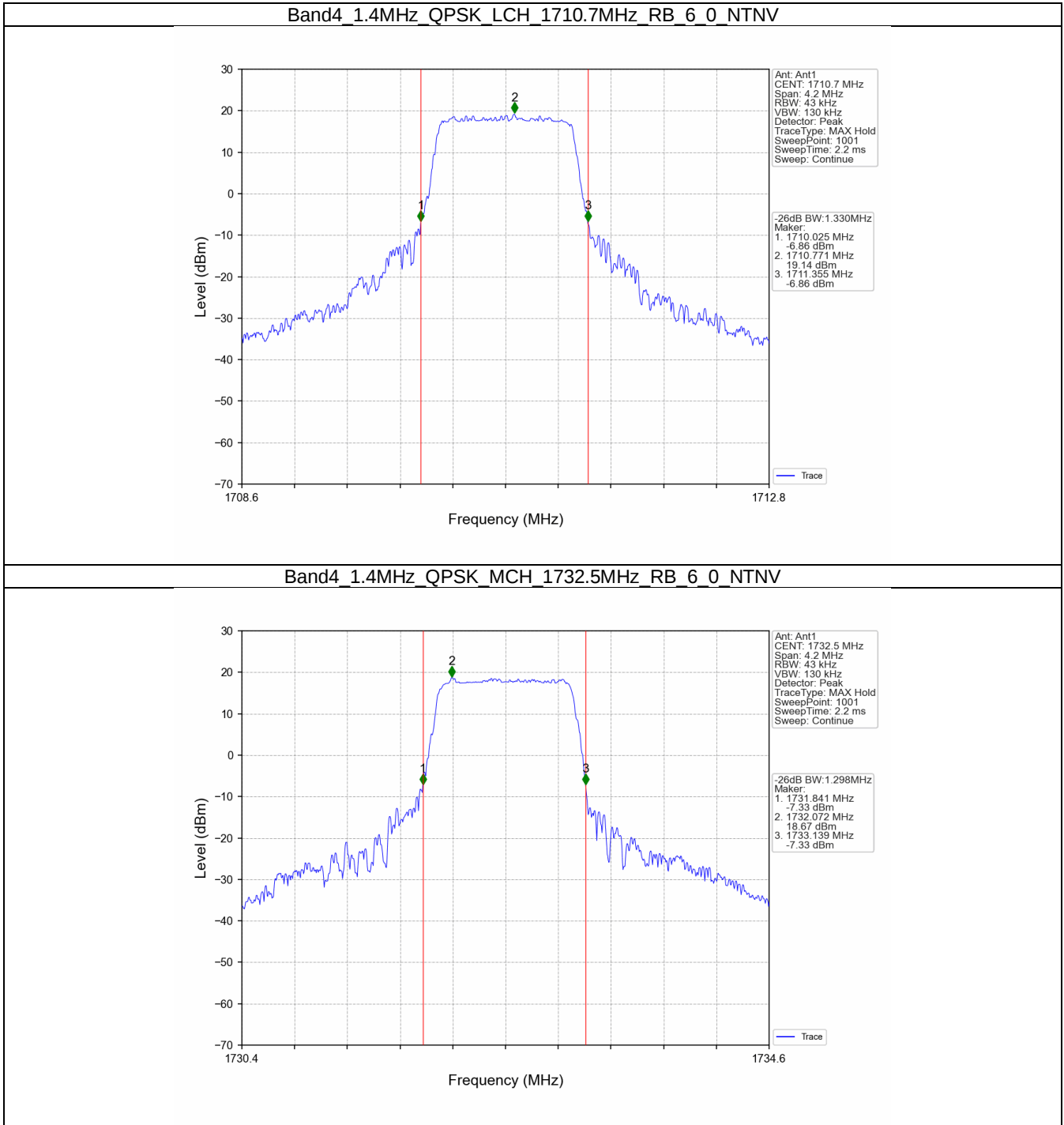


5.2 Band4_XDB

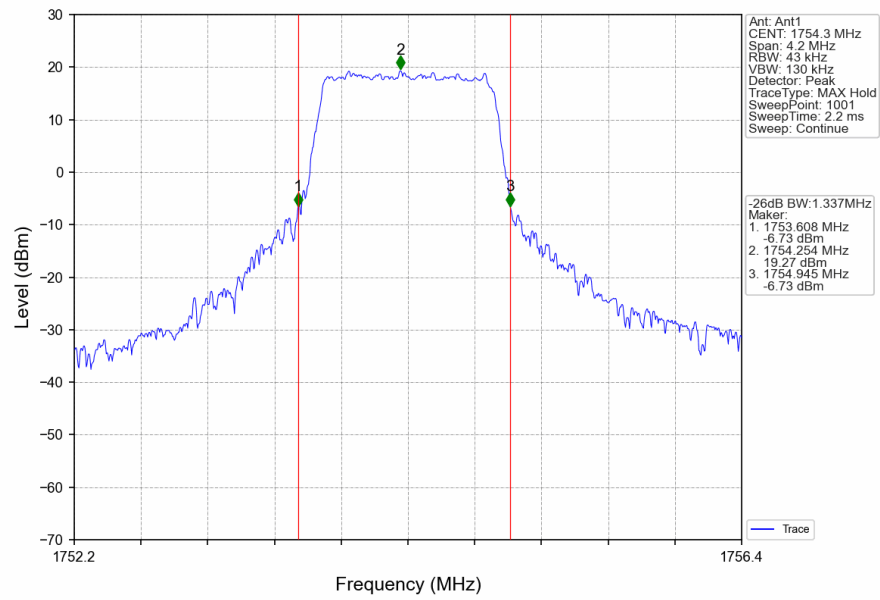
5.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.330	Pass
		1732.5	6	0	1.298	Pass
		1754.3	6	0	1.337	Pass
	16QAM	1710.7	6	0	1.306	Pass
		1732.5	6	0	1.289	Pass
		1754.3	6	0	1.322	Pass
3	QPSK	1711.5	15	0	3.137	Pass
		1732.5	15	0	3.134	Pass
		1753.5	15	0	3.129	Pass
	16QAM	1711.5	15	0	3.112	Pass
		1732.5	15	0	3.136	Pass
		1753.5	15	0	3.124	Pass
5	QPSK	1712.5	25	0	5.389	Pass
		1732.5	25	0	5.842	Pass
		1752.5	25	0	5.518	Pass
	16QAM	1712.5	25	0	5.547	Pass
		1732.5	25	0	5.734	Pass
		1752.5	25	0	5.705	Pass
10	QPSK	1715	50	0	10.402	Pass
		1732.5	50	0	10.313	Pass
		1750	50	0	10.259	Pass
	16QAM	1715	50	0	10.462	Pass
		1732.5	50	0	10.448	Pass
		1750	50	0	10.245	Pass
15	QPSK	1717.5	75	0	15.940	Pass
		1732.5	75	0	16.572	Pass
		1747.5	75	0	15.589	Pass
	16QAM	1717.5	75	0	15.248	Pass
		1732.5	75	0	15.180	Pass
		1747.5	75	0	15.986	Pass
20	QPSK	1720	100	0	20.581	Pass
		1732.5	100	0	20.610	Pass
		1745	100	0	20.437	Pass
	16QAM	1720	100	0	20.501	Pass
		1732.5	100	0	20.221	Pass
		1745	100	0	20.504	Pass

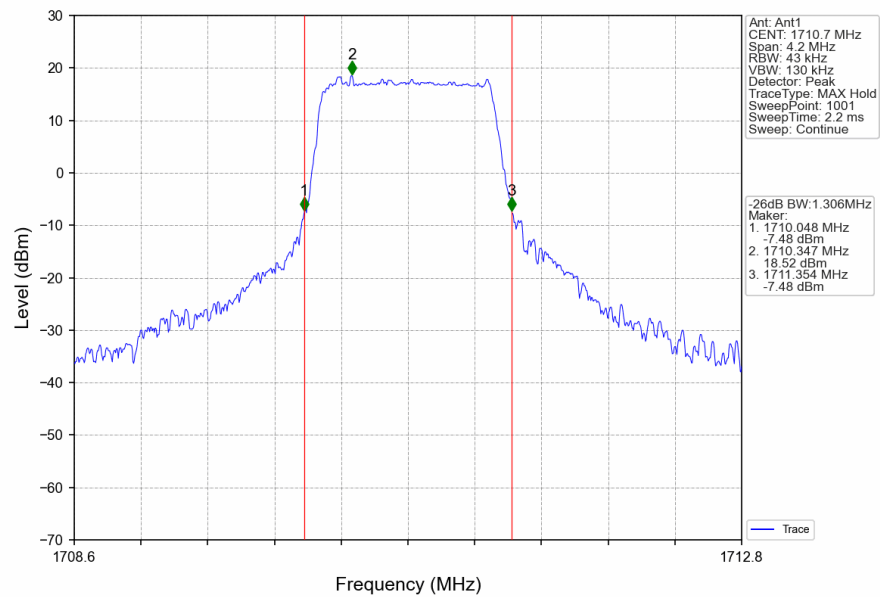
5.2.2 Test Graph



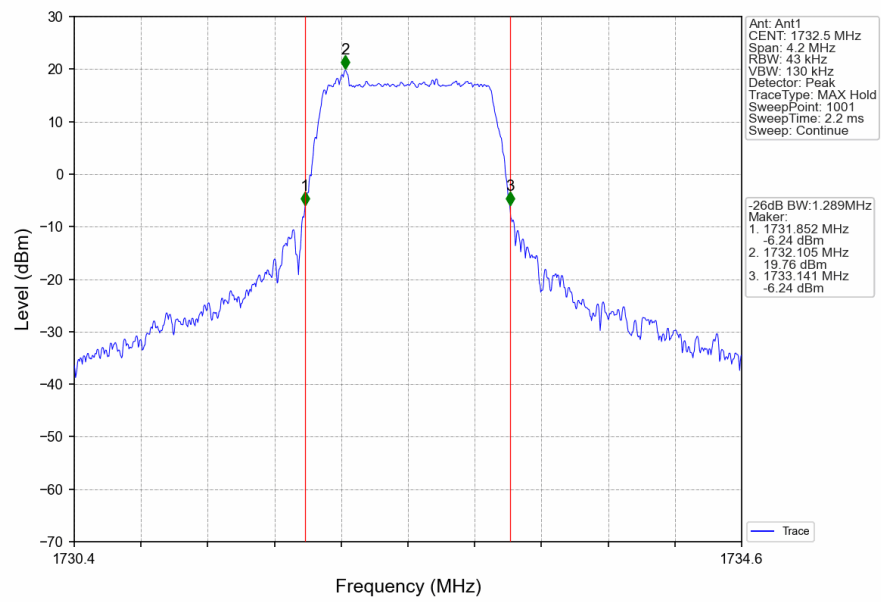
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



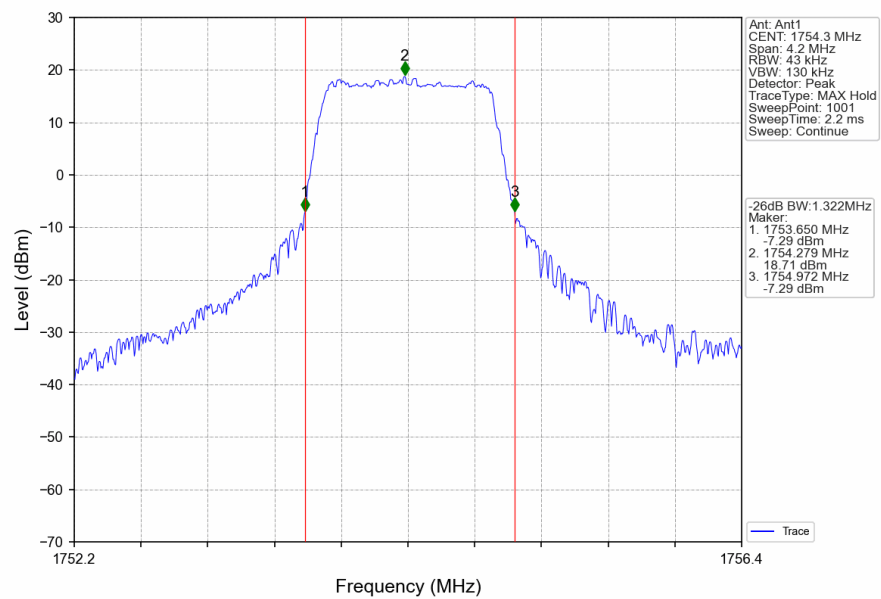
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



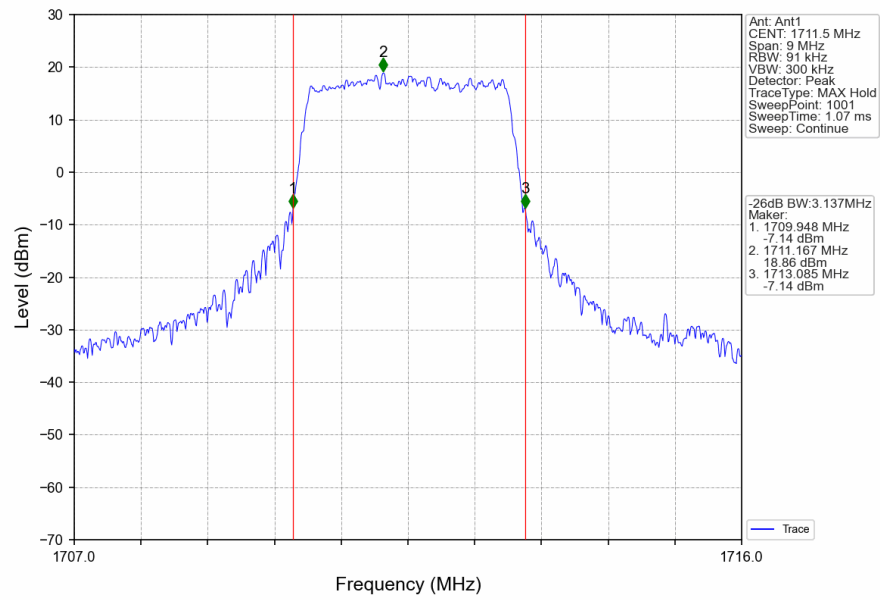
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



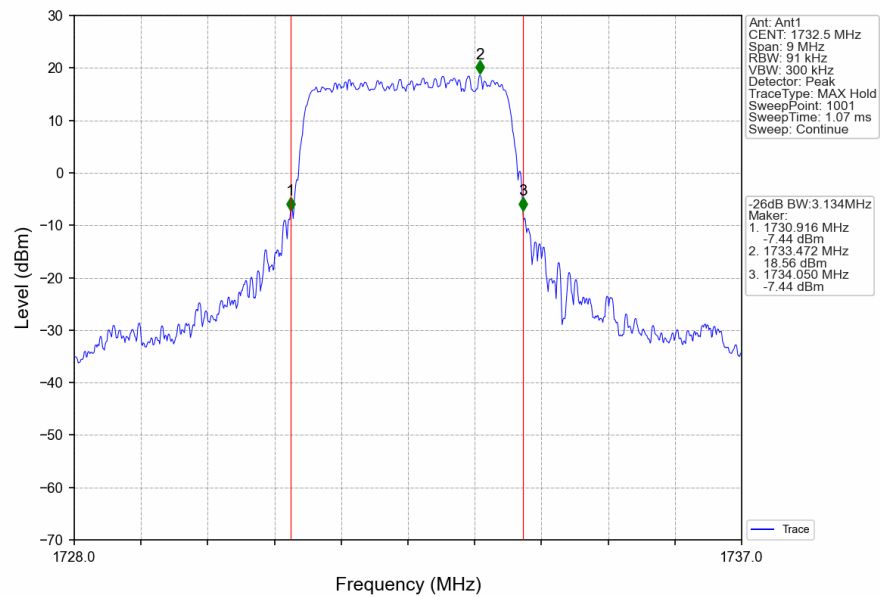
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



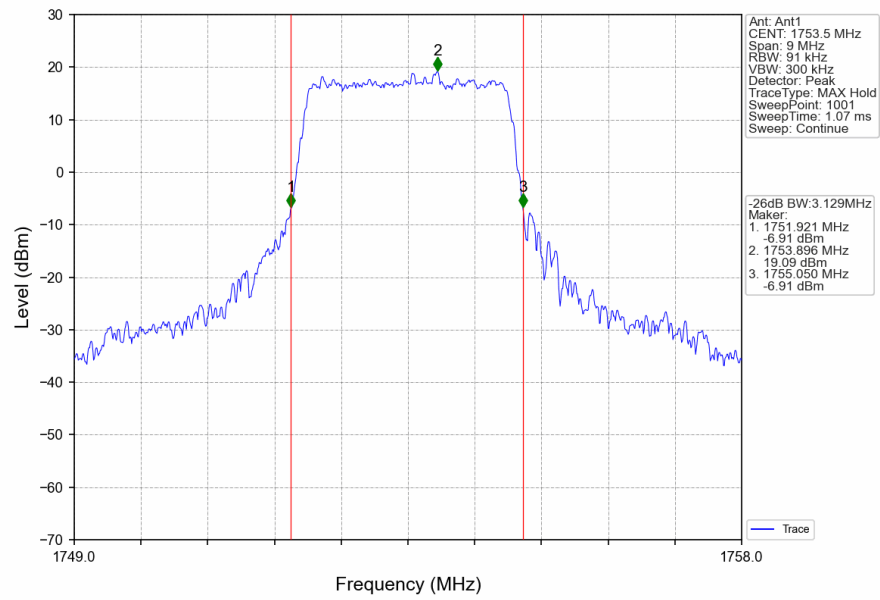
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



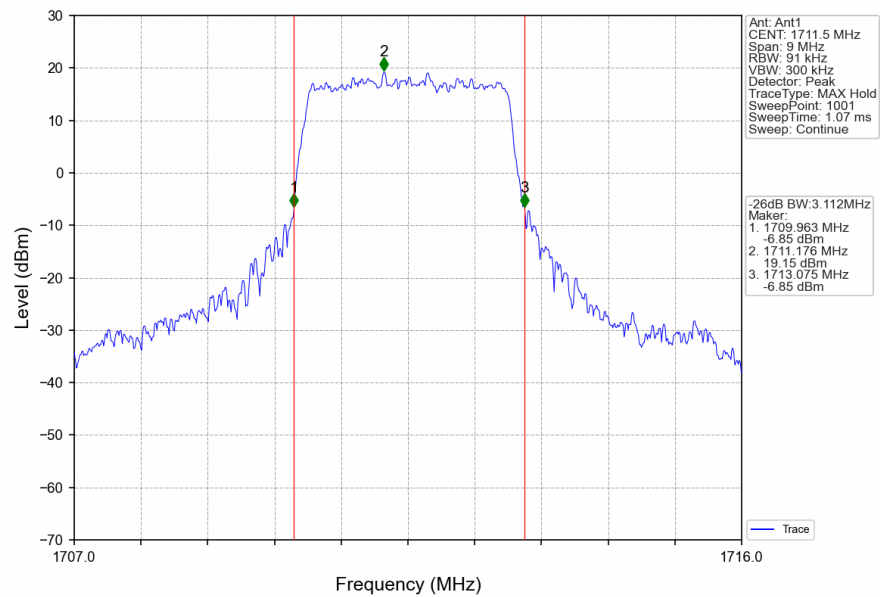
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



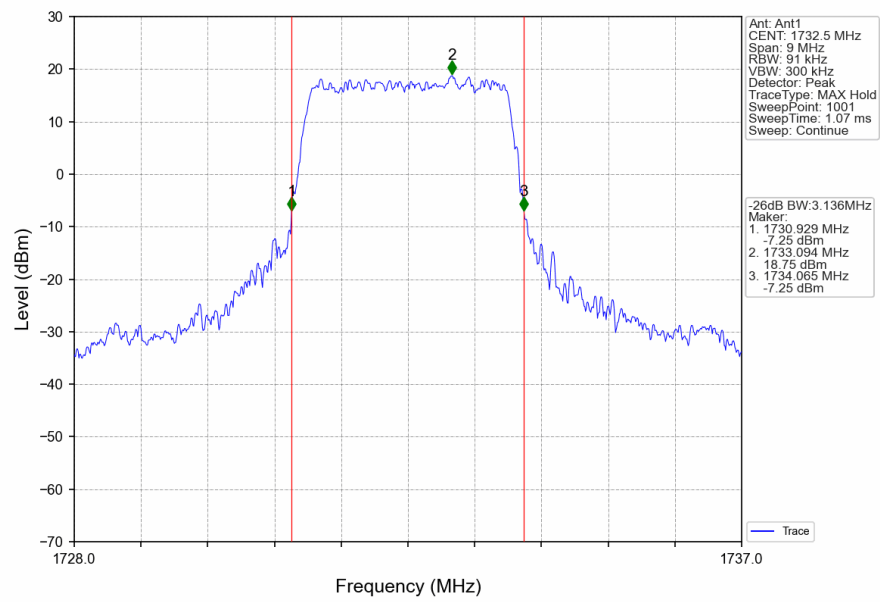
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



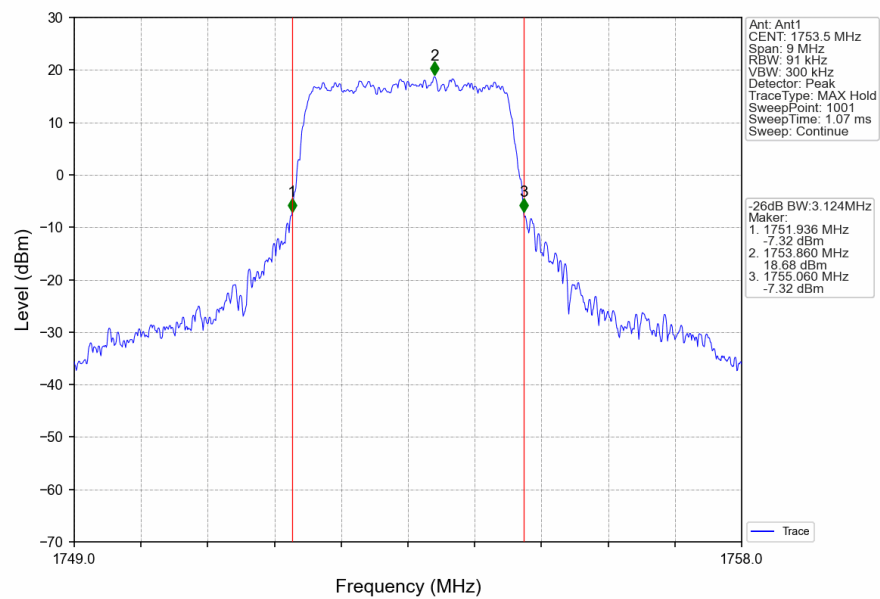
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



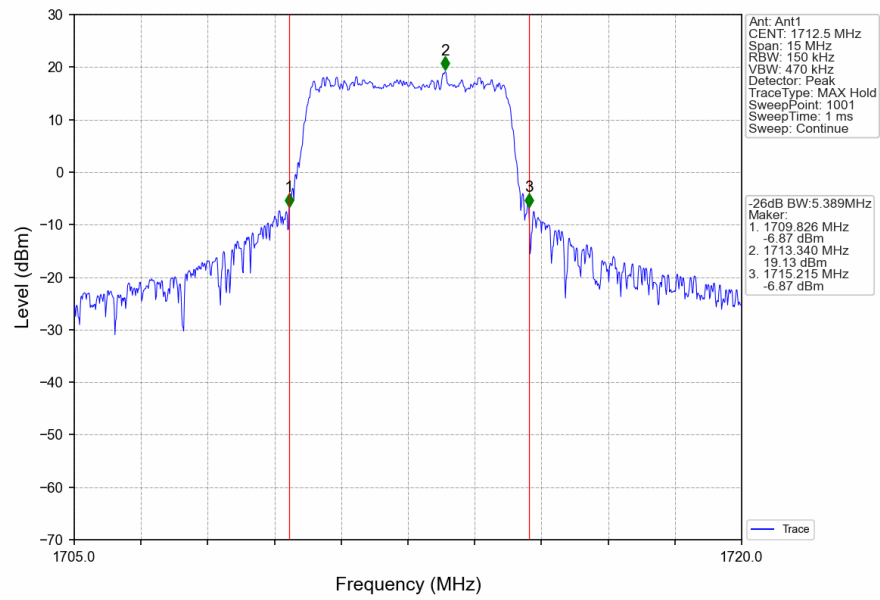
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



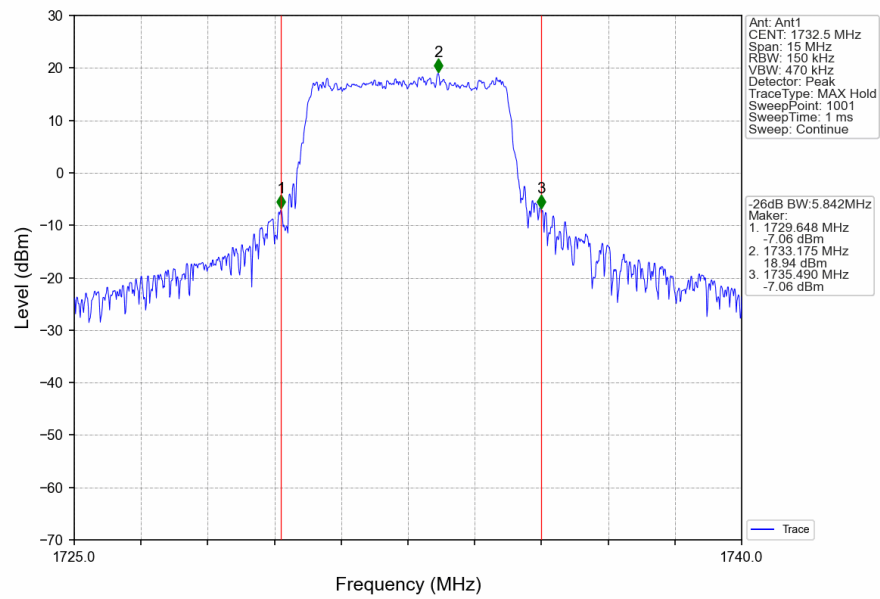
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



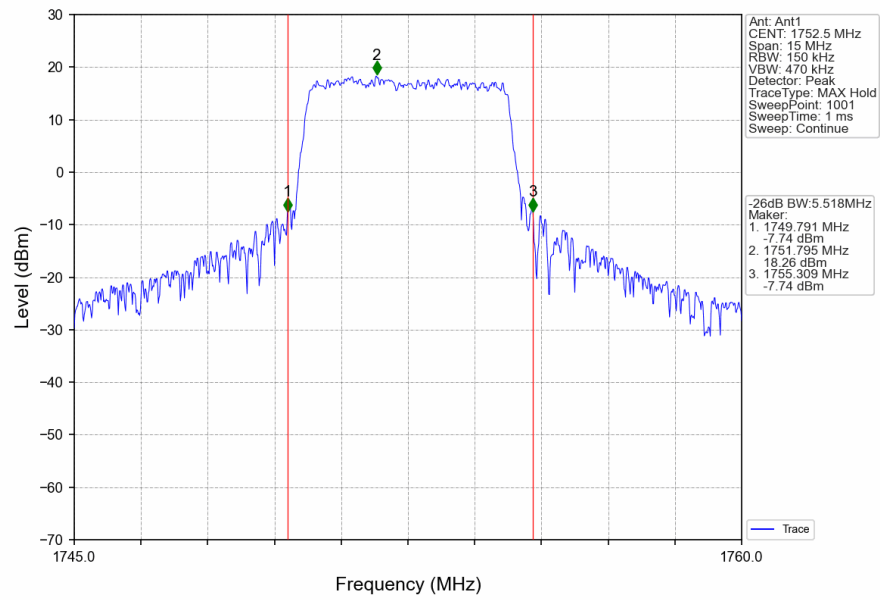
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



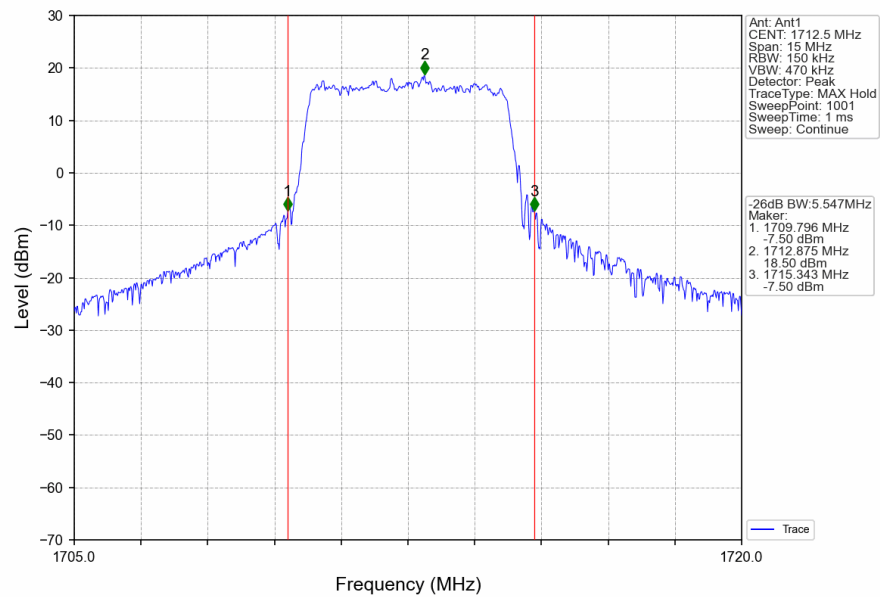
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



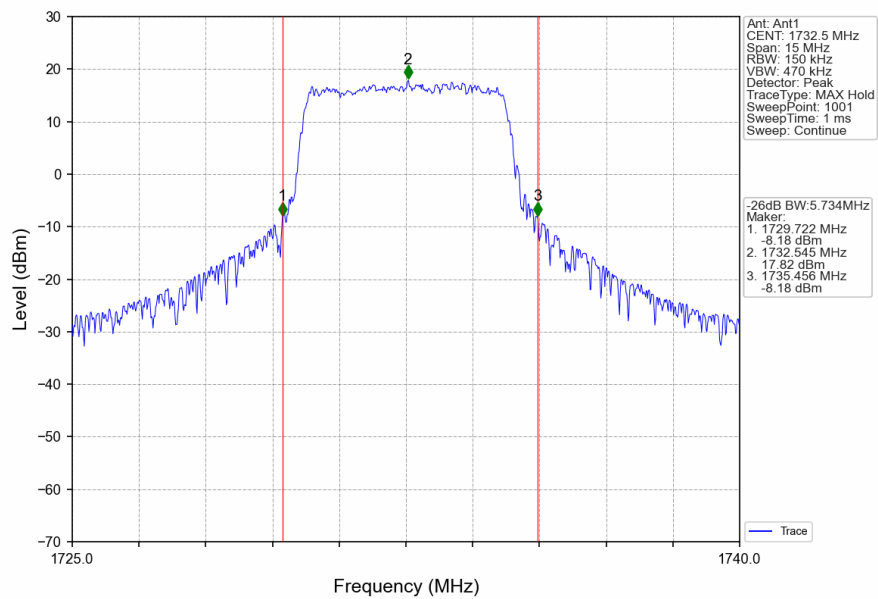
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



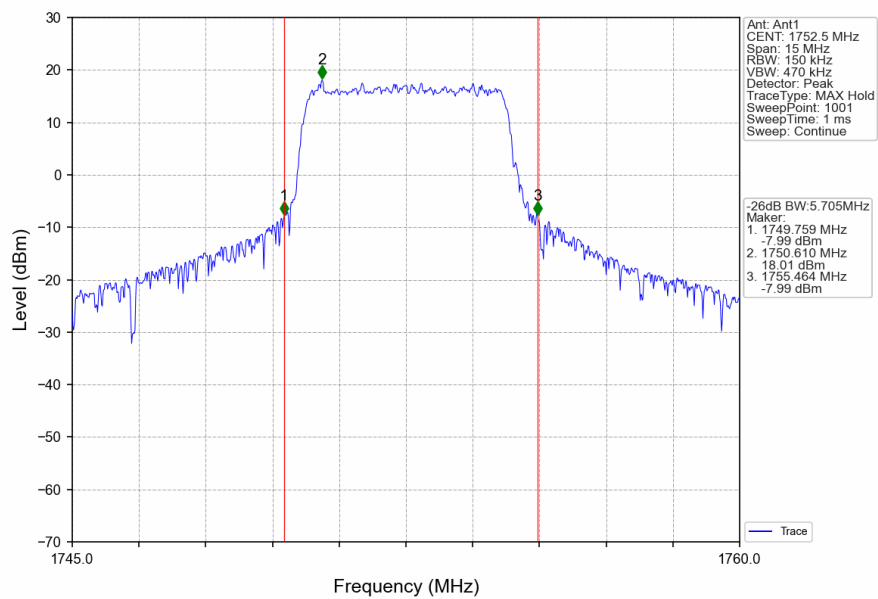
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



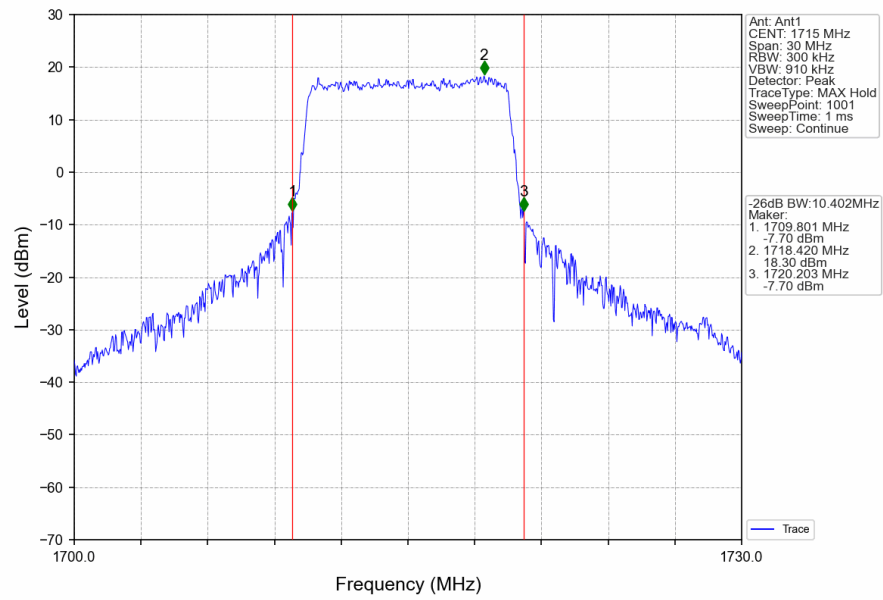
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



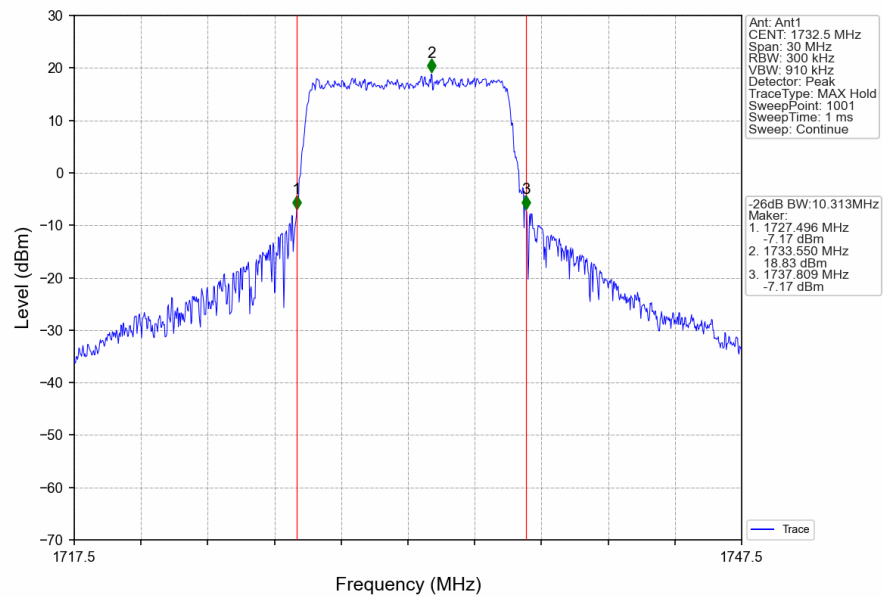
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



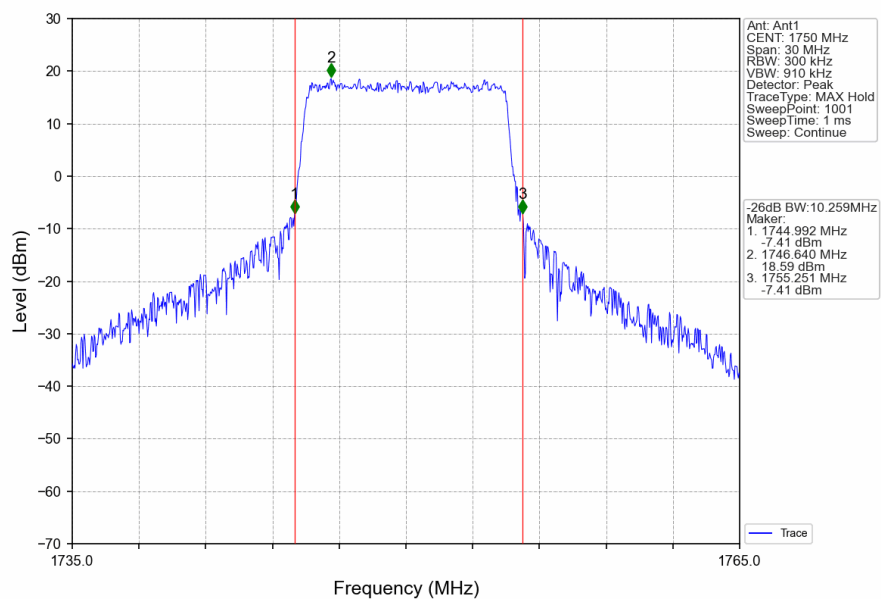
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



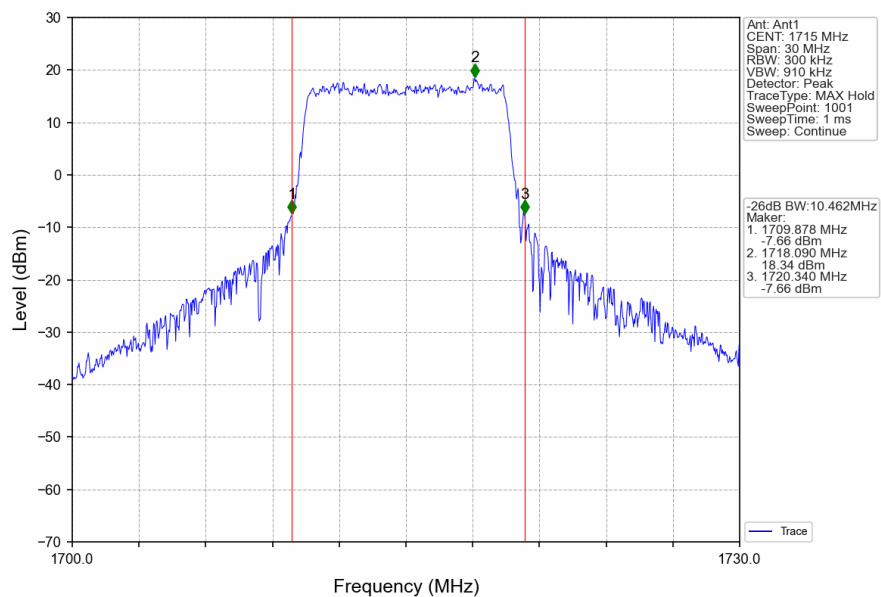
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



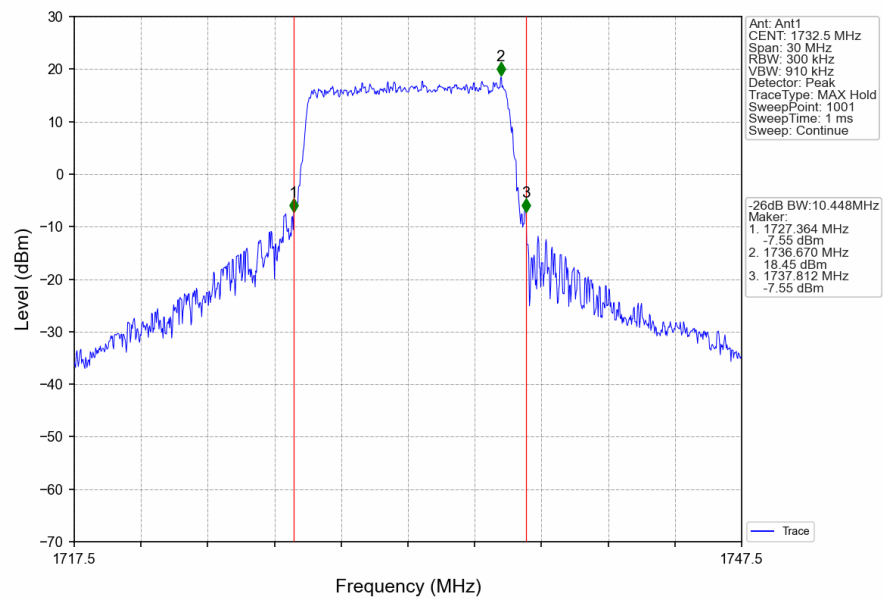
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



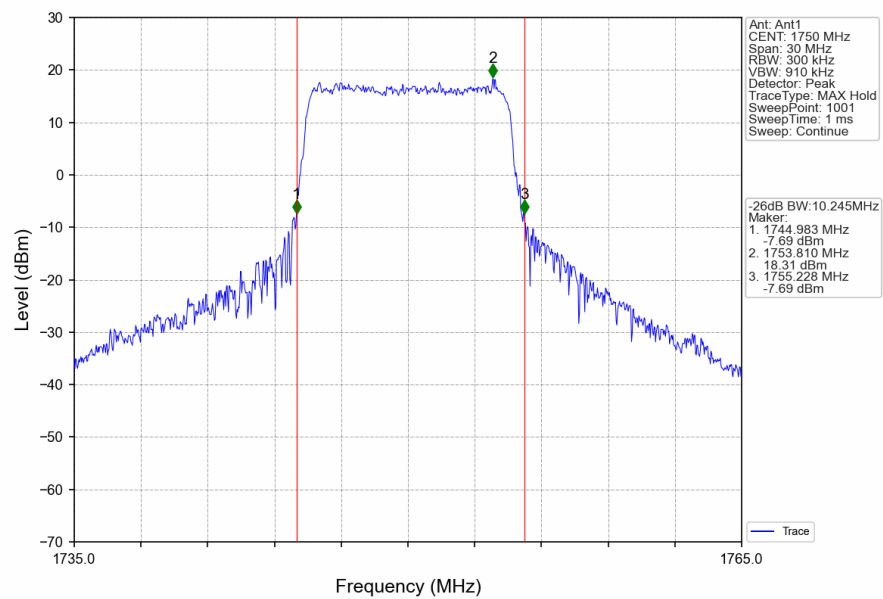
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



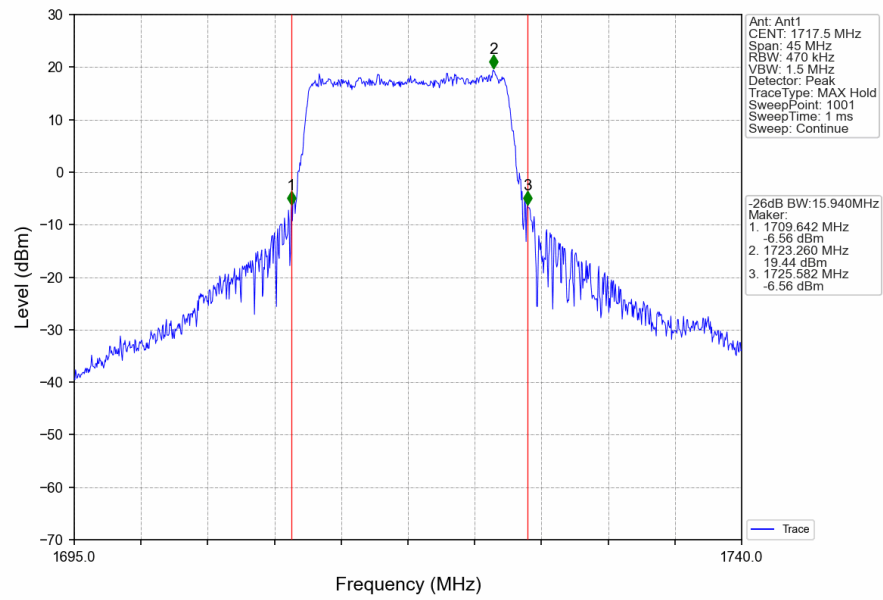
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



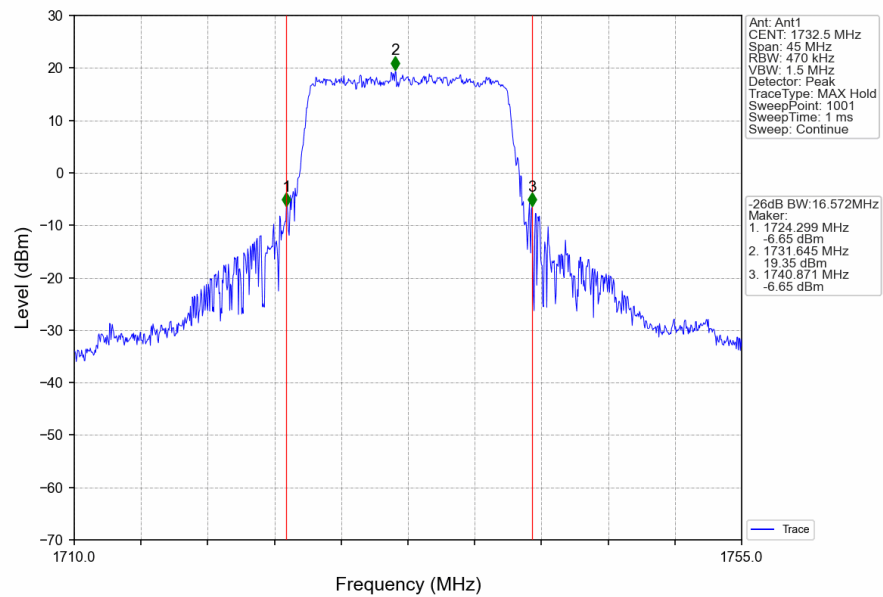
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



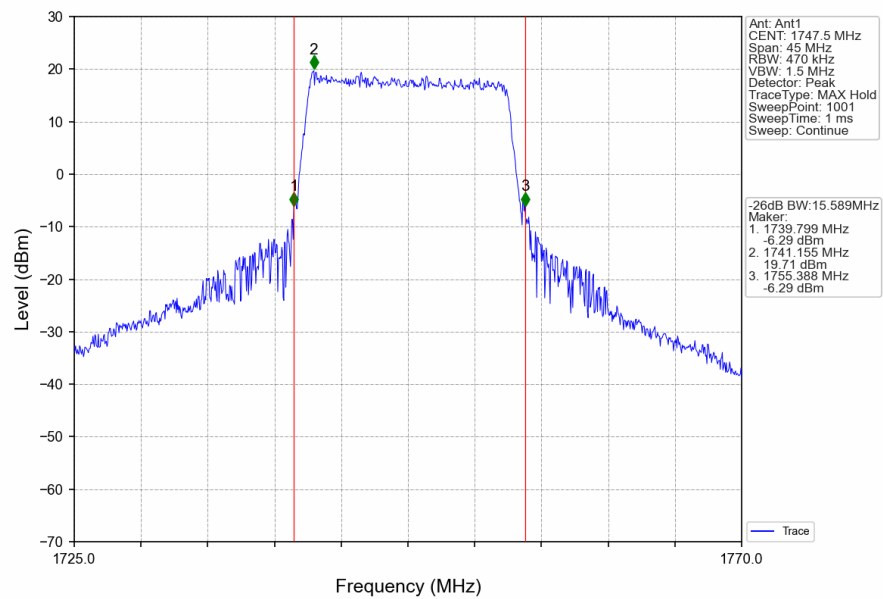
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



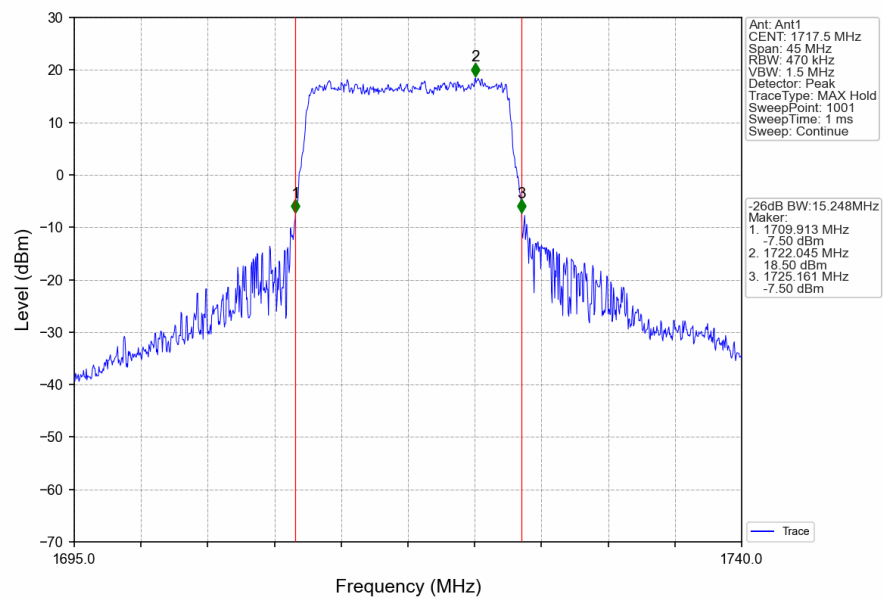
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



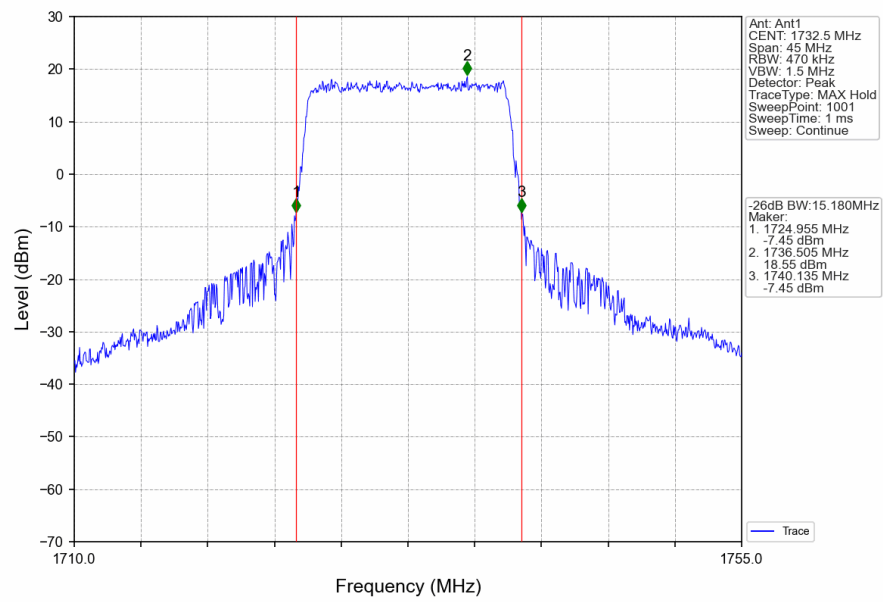
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



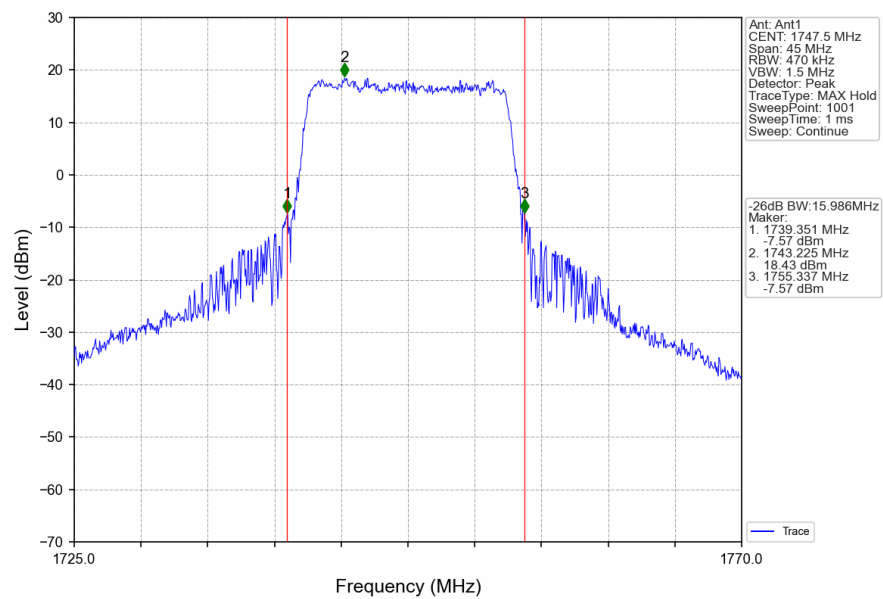
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



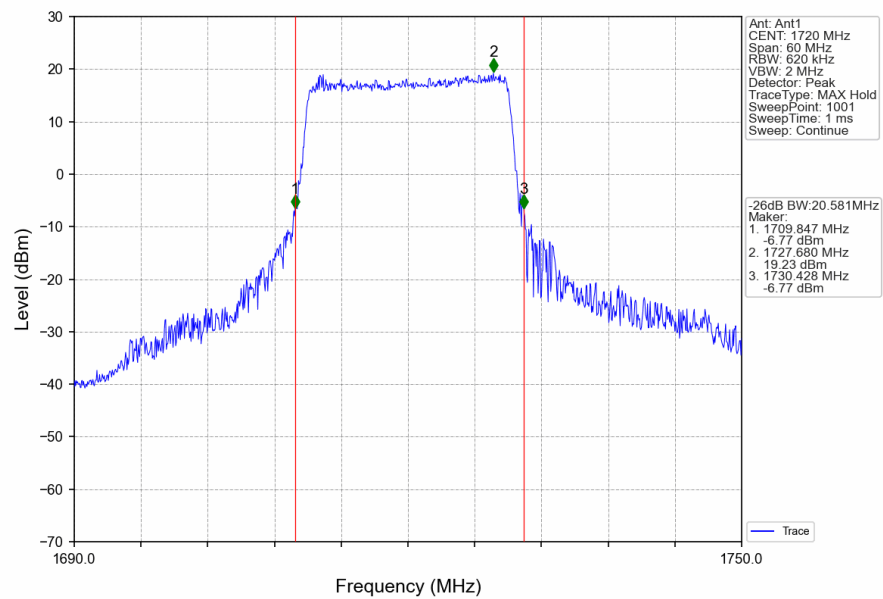
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



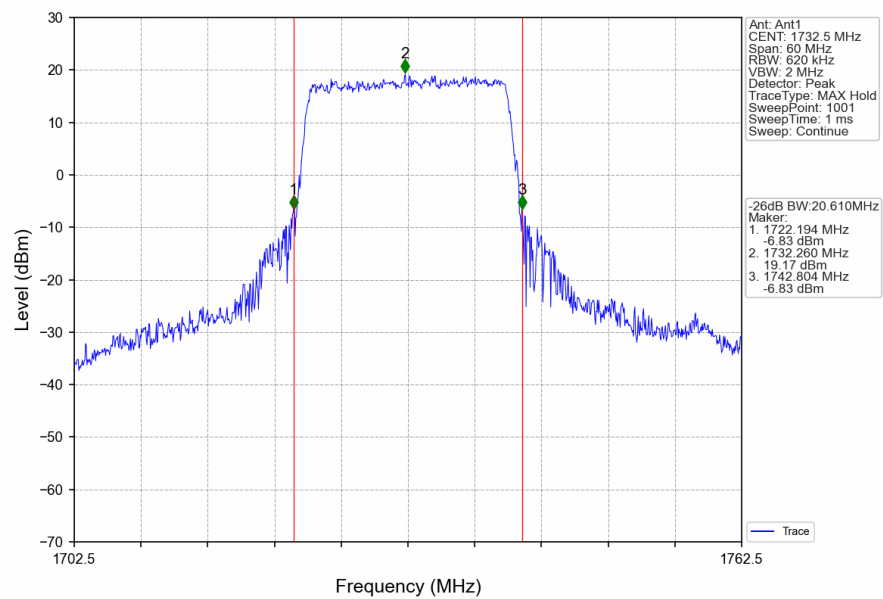
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



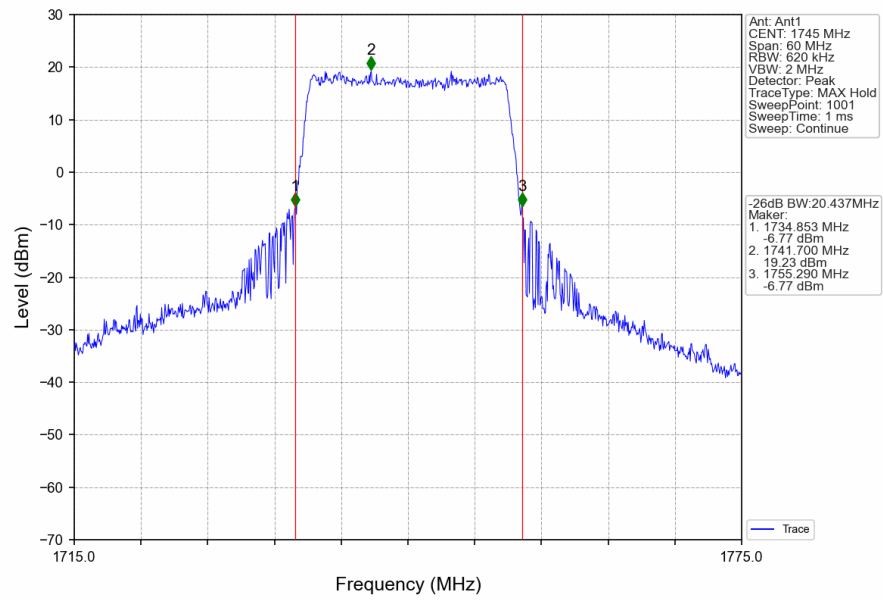
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



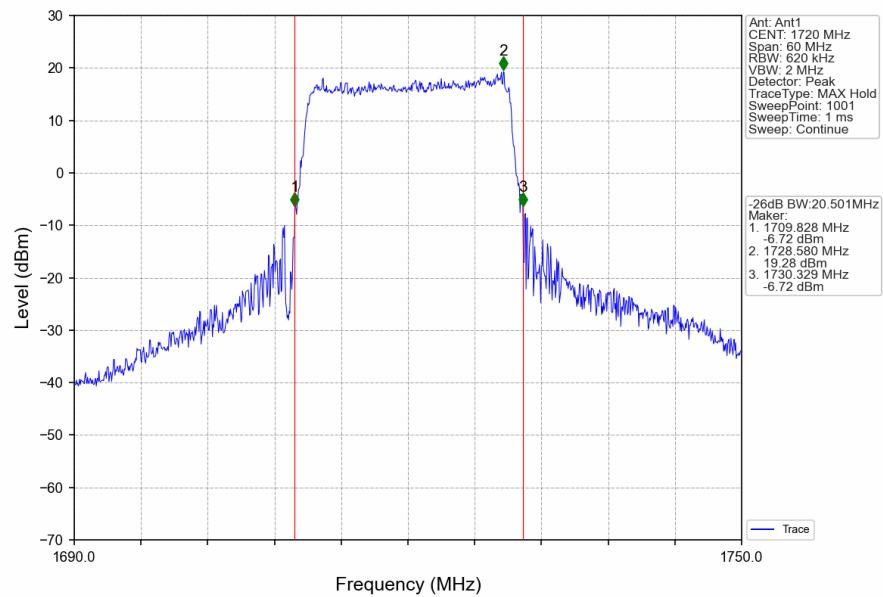
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



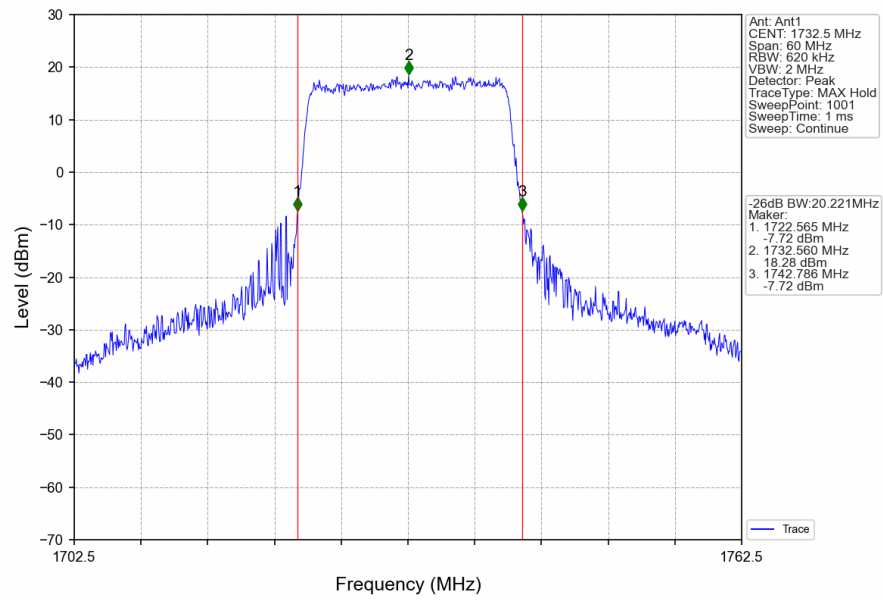
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



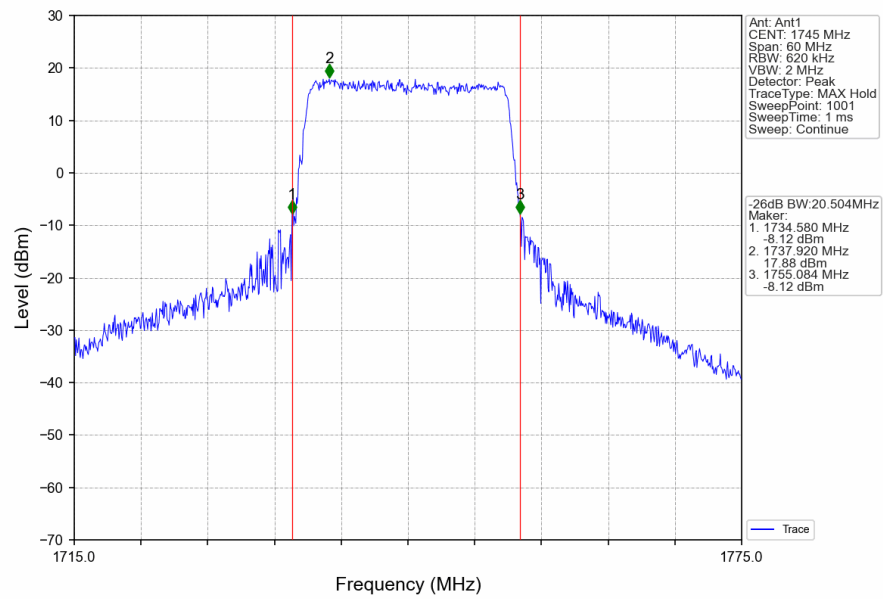
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



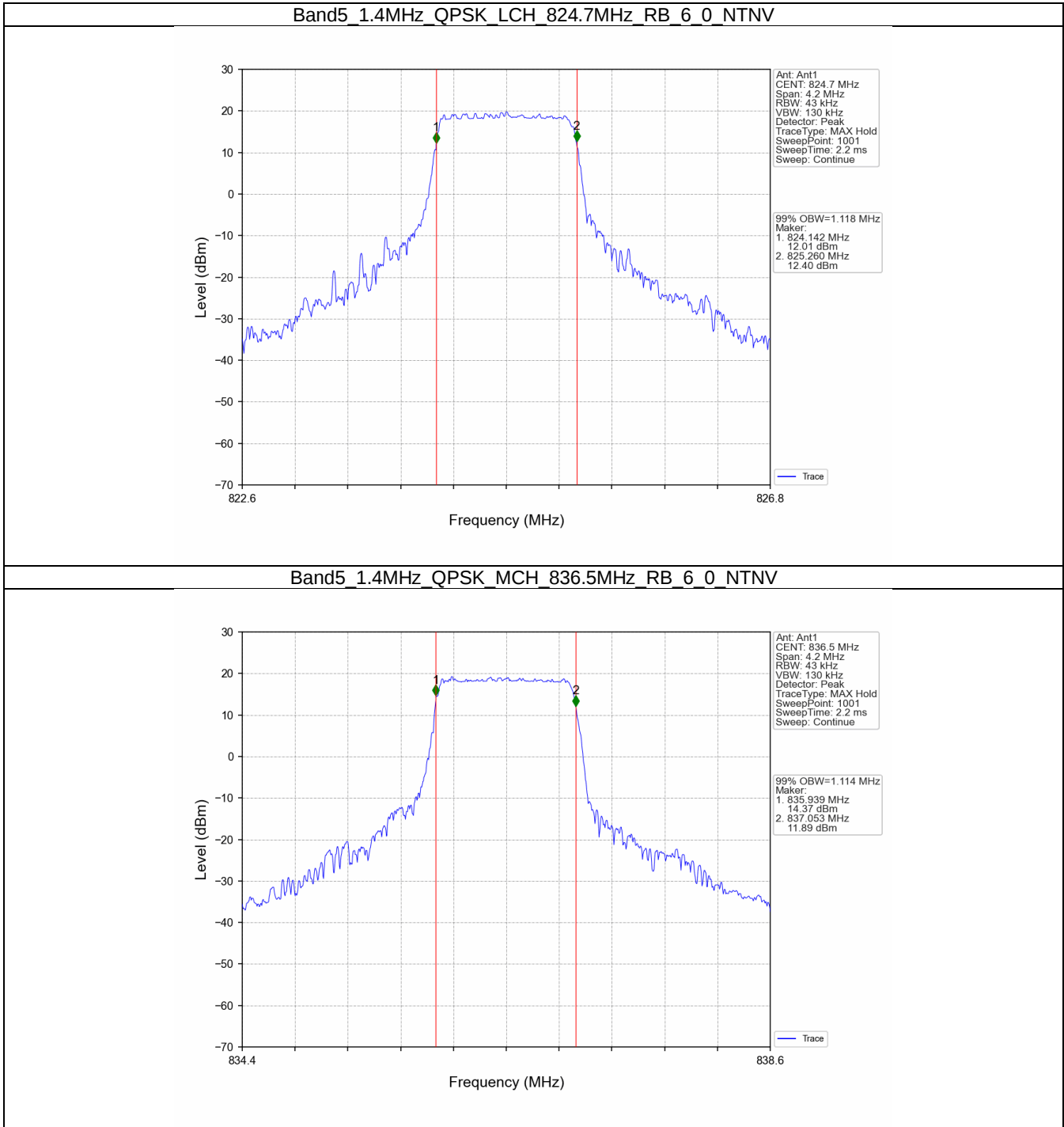
6. 99% & 26dB Bandwidth

6.1 Band5_OBW

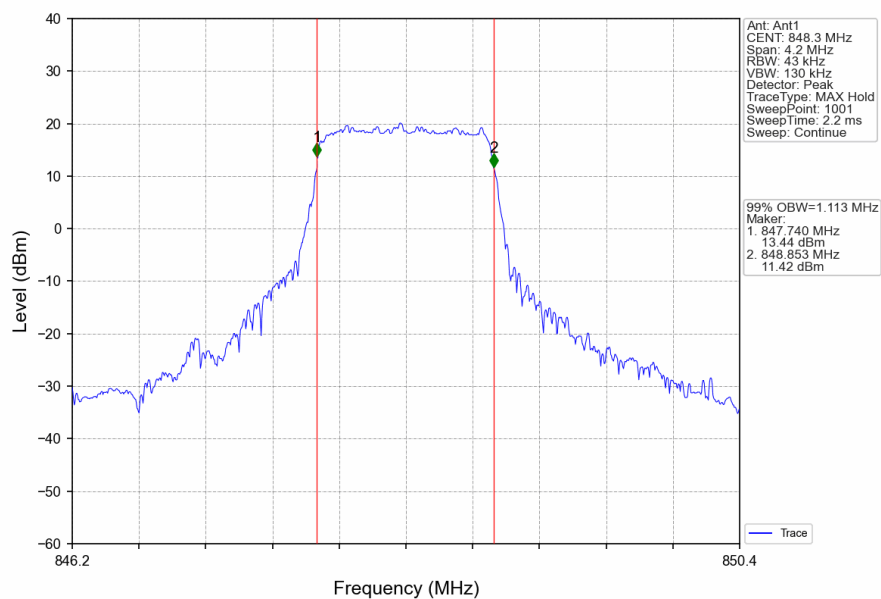
6.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.118	Pass
		836.5	6	0	1.114	Pass
		848.3	6	0	1.113	Pass
	16QAM	824.7	6	0	1.114	Pass
		836.5	6	0	1.118	Pass
		848.3	6	0	1.117	Pass
3	QPSK	825.5	15	0	2.765	Pass
		836.5	15	0	2.762	Pass
		847.5	15	0	2.757	Pass
	16QAM	825.5	15	0	2.752	Pass
		836.5	15	0	2.750	Pass
		847.5	15	0	2.769	Pass
5	QPSK	826.5	25	0	4.580	Pass
		836.5	25	0	4.578	Pass
		846.5	25	0	4.562	Pass
	16QAM	826.5	25	0	4.560	Pass
		836.5	25	0	4.594	Pass
		846.5	25	0	4.599	Pass
10	QPSK	829	50	0	9.070	Pass
		836.5	50	0	9.084	Pass
		844	50	0	9.055	Pass
	16QAM	829	50	0	9.068	Pass
		836.5	50	0	9.083	Pass
		844	50	0	9.059	Pass

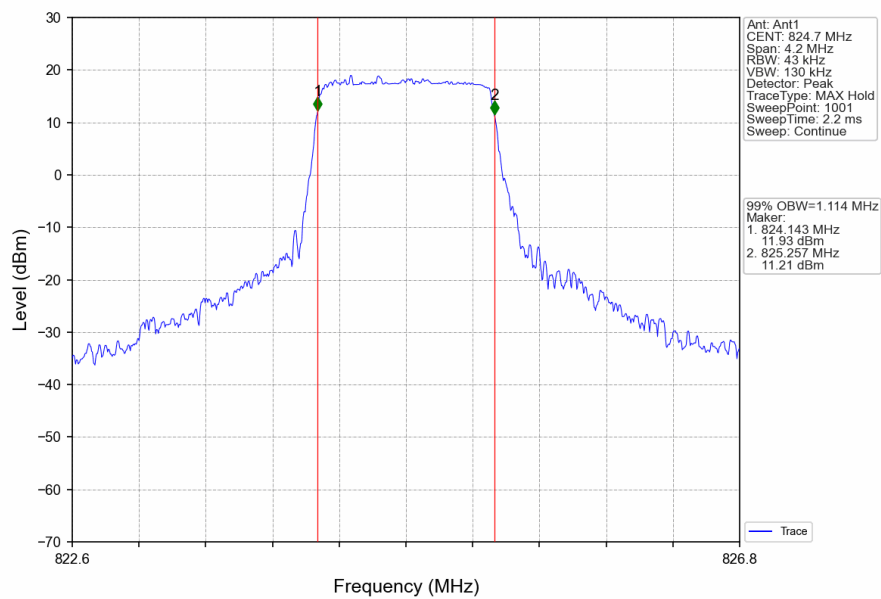
6.1.2 Test Graph



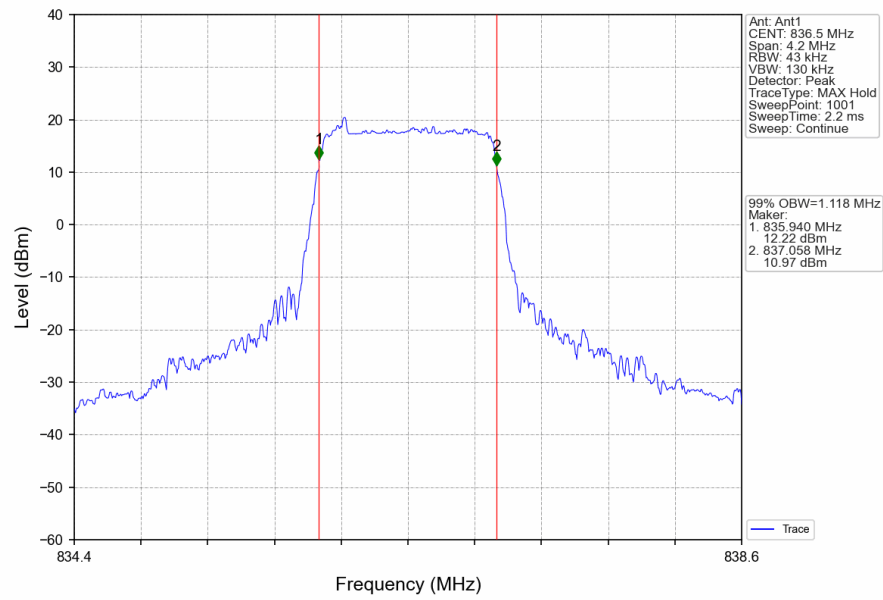
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



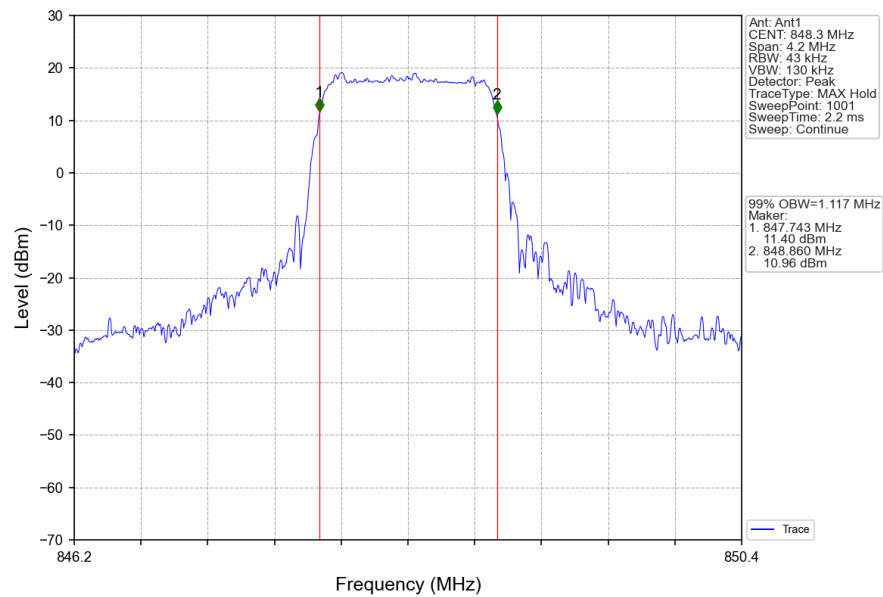
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



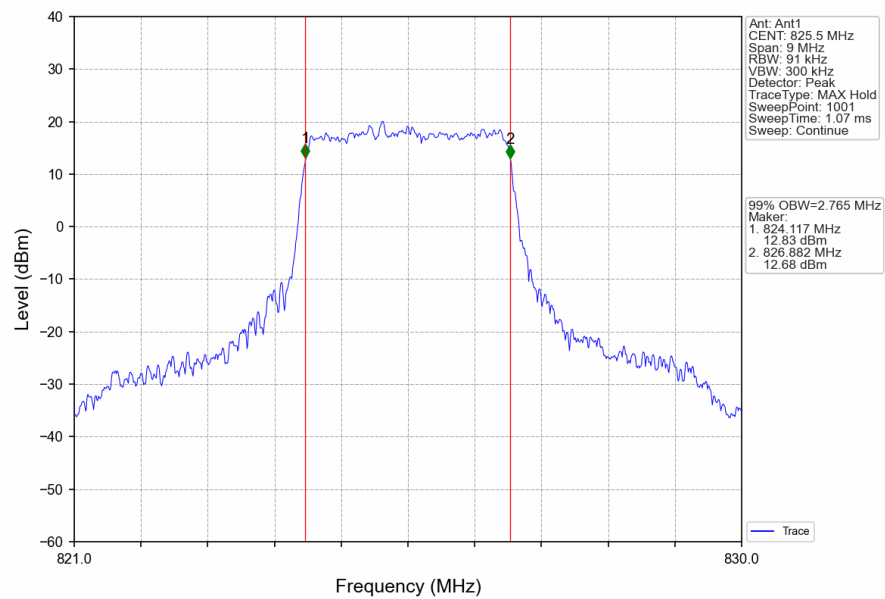
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



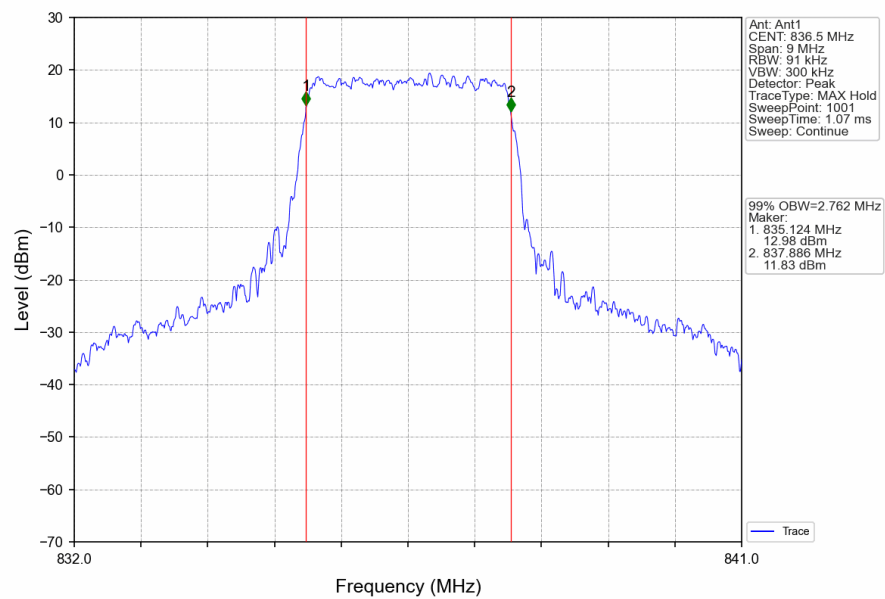
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



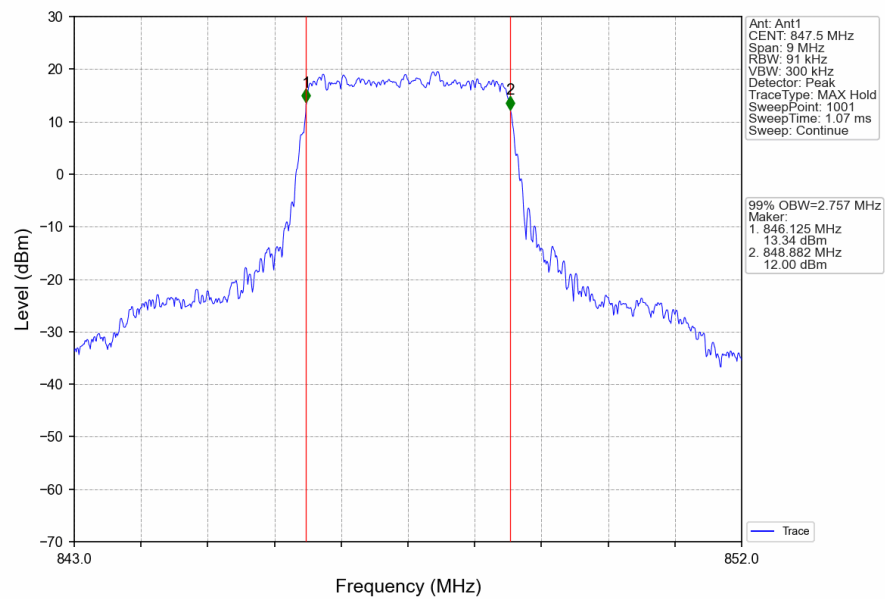
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



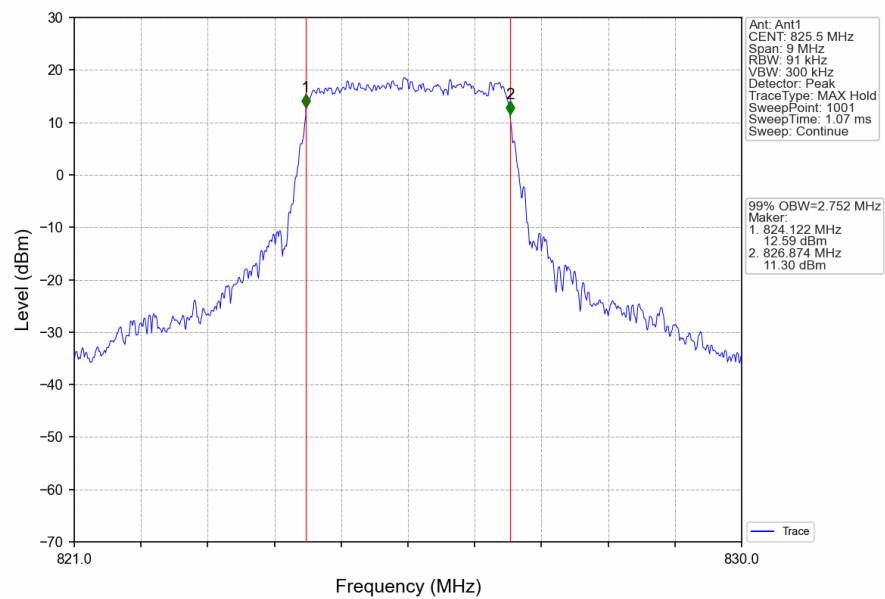
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



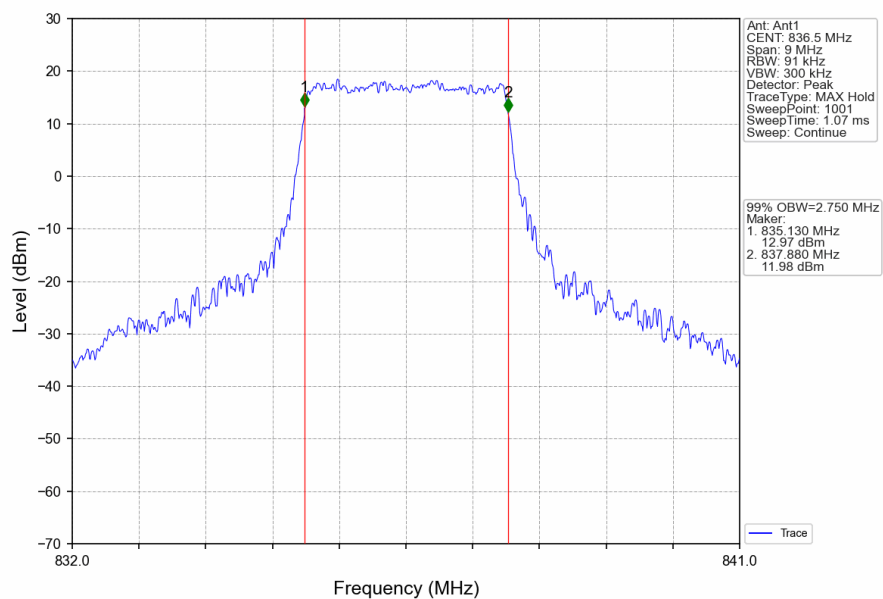
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



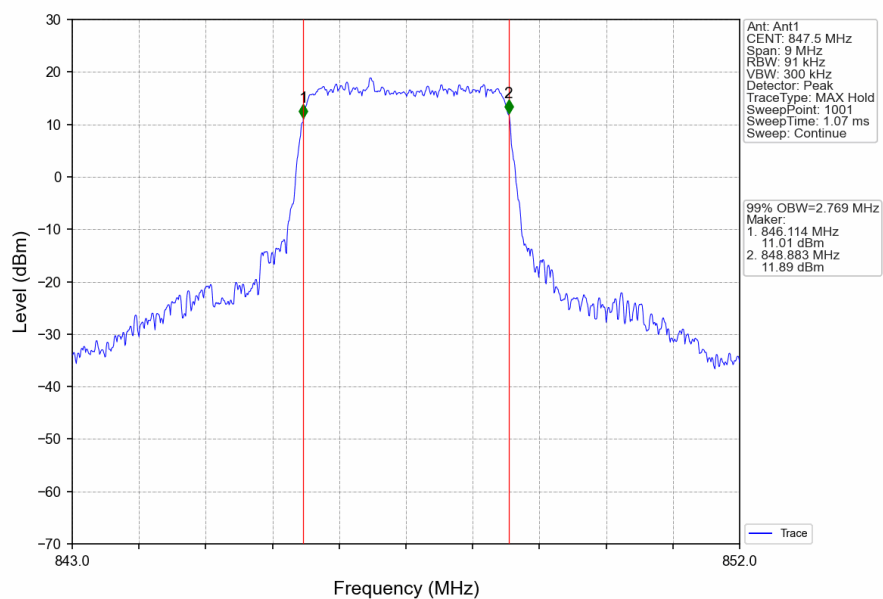
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



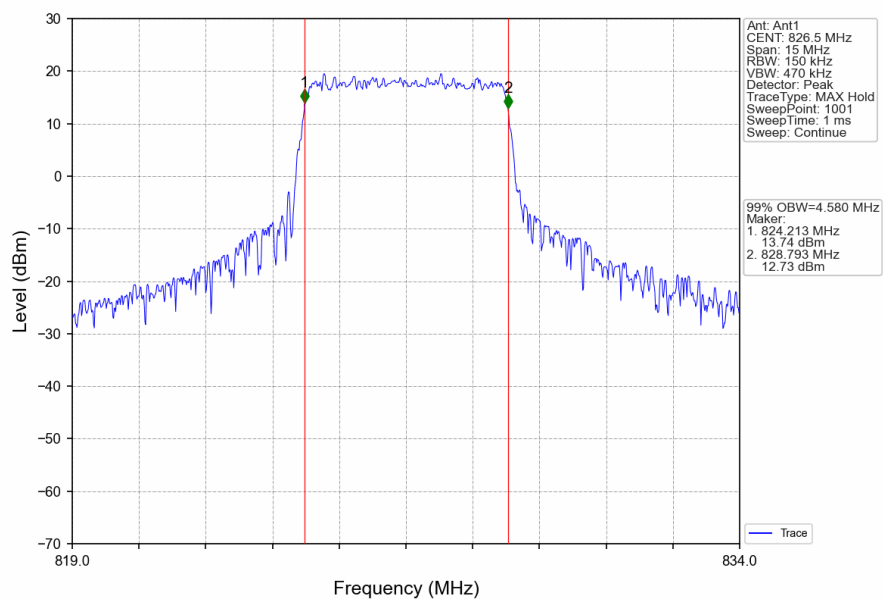
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



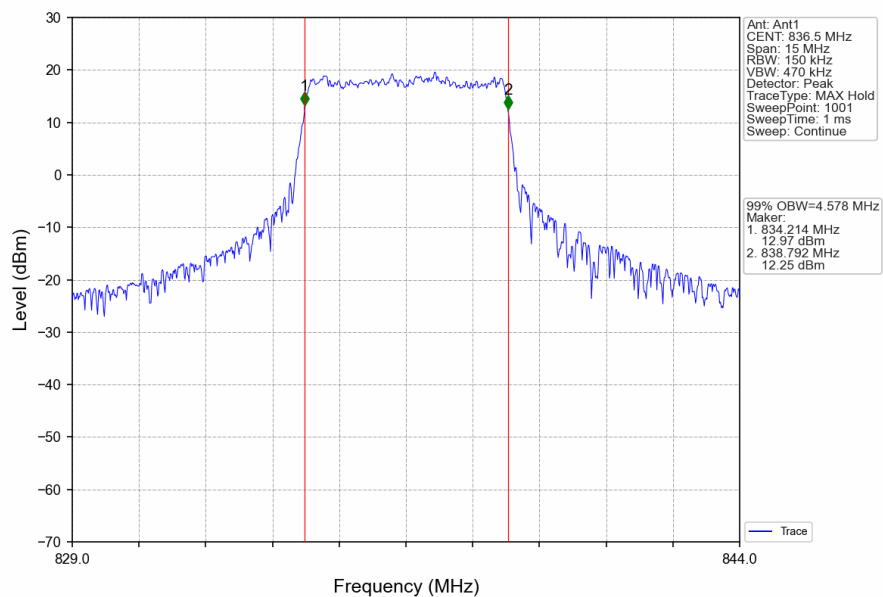
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



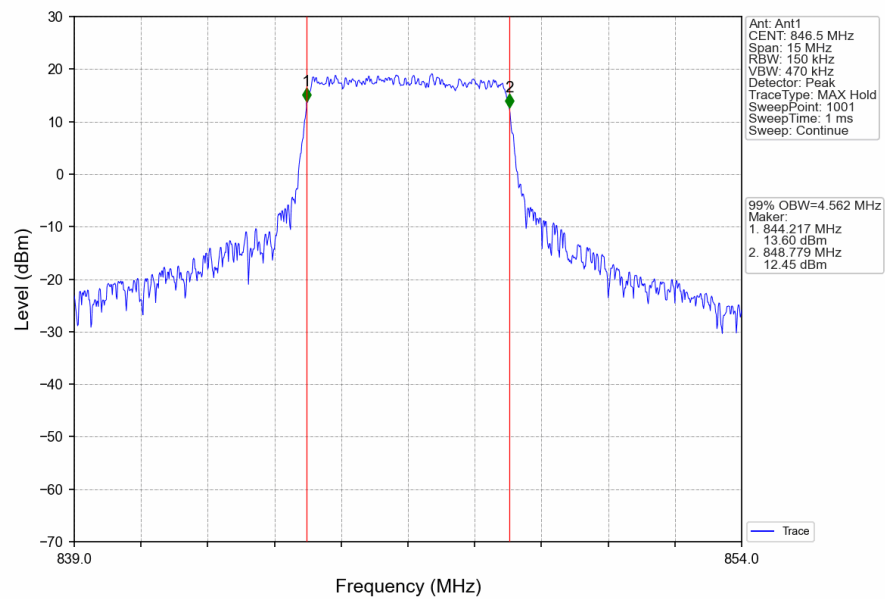
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



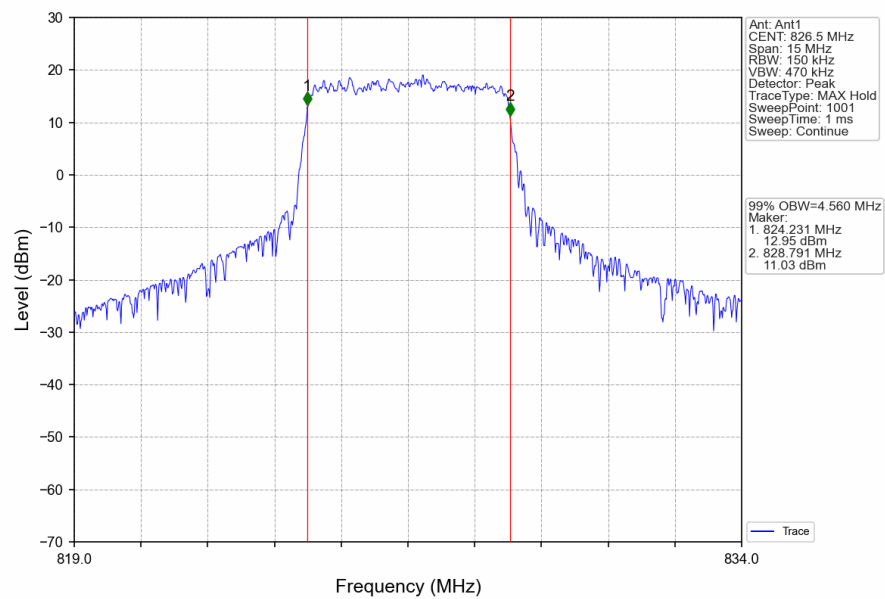
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



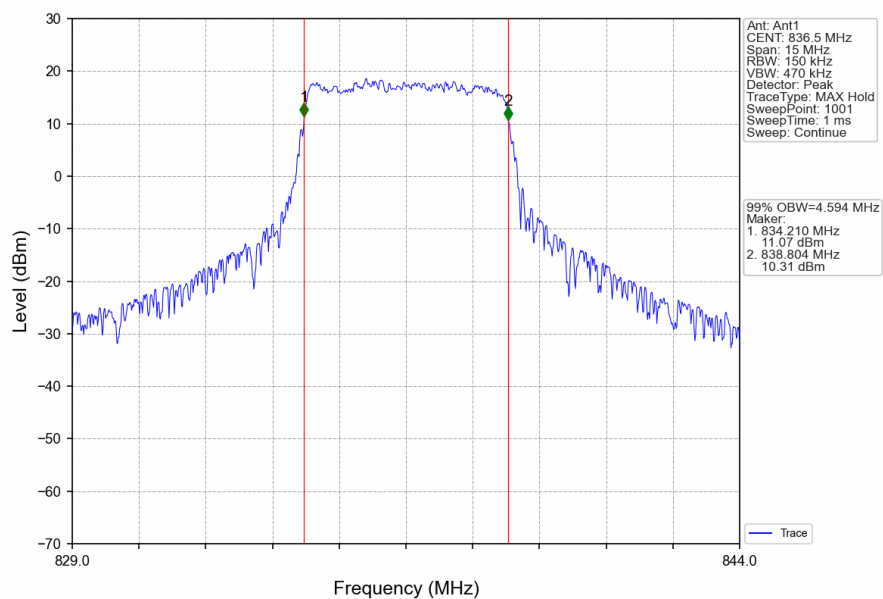
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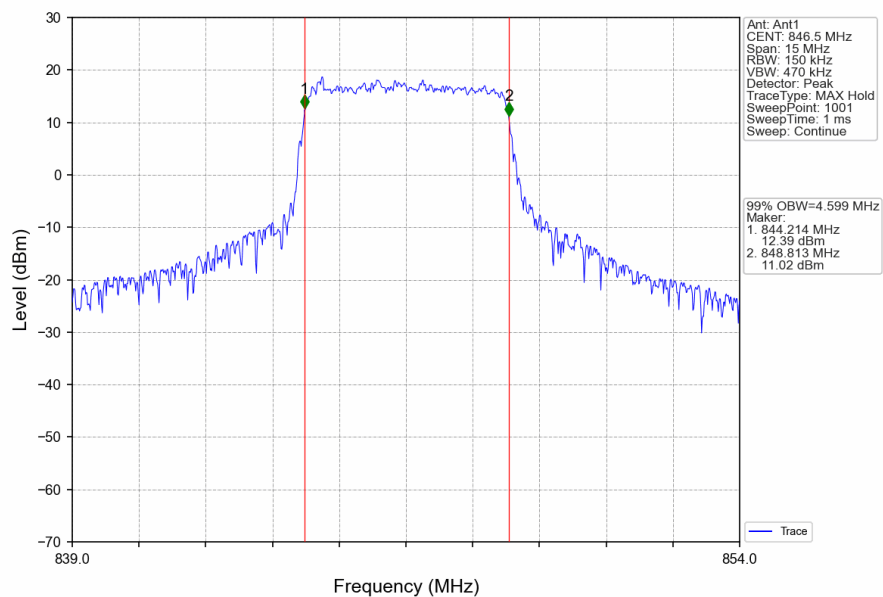
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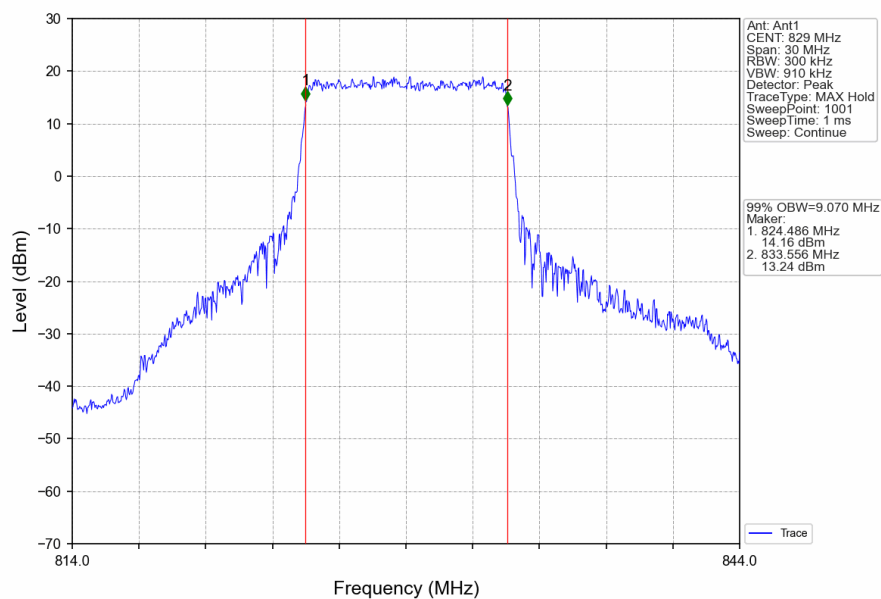
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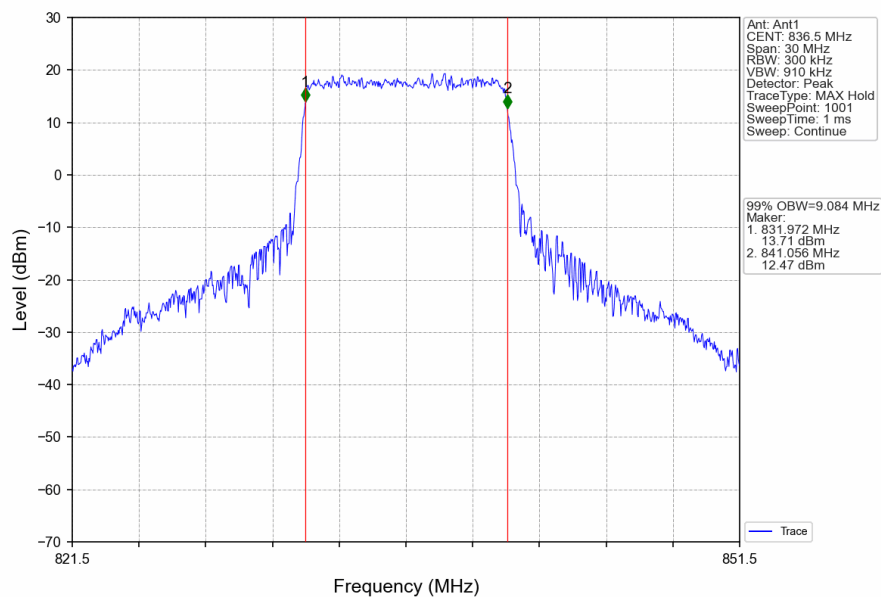
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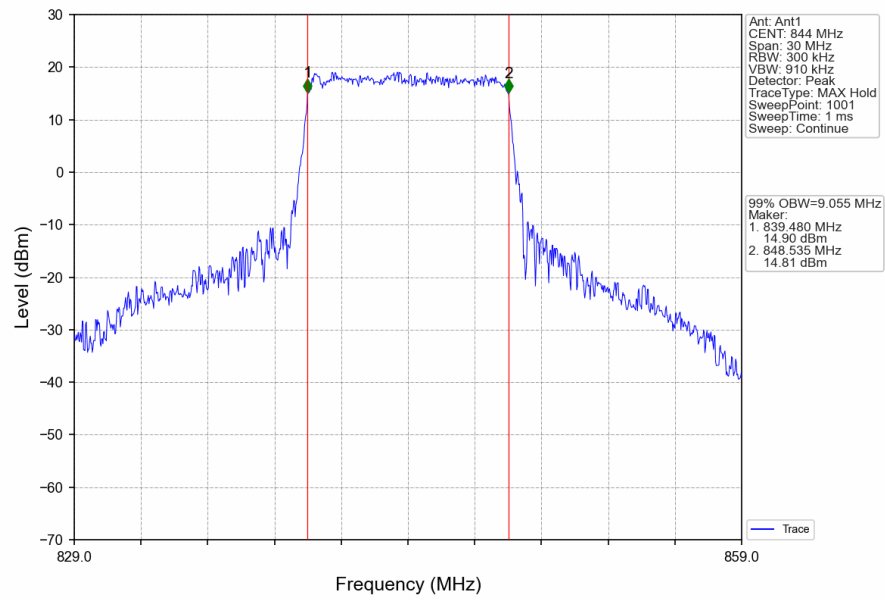
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



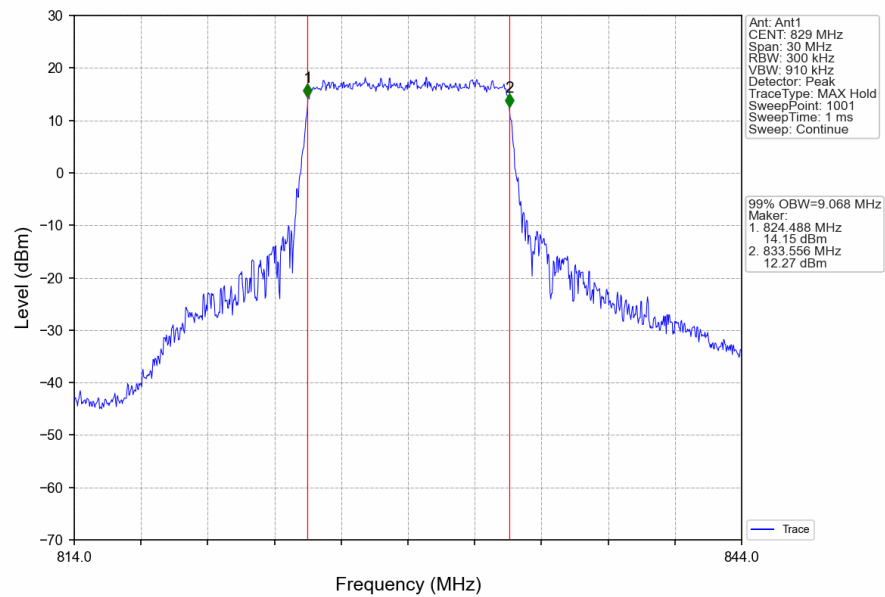
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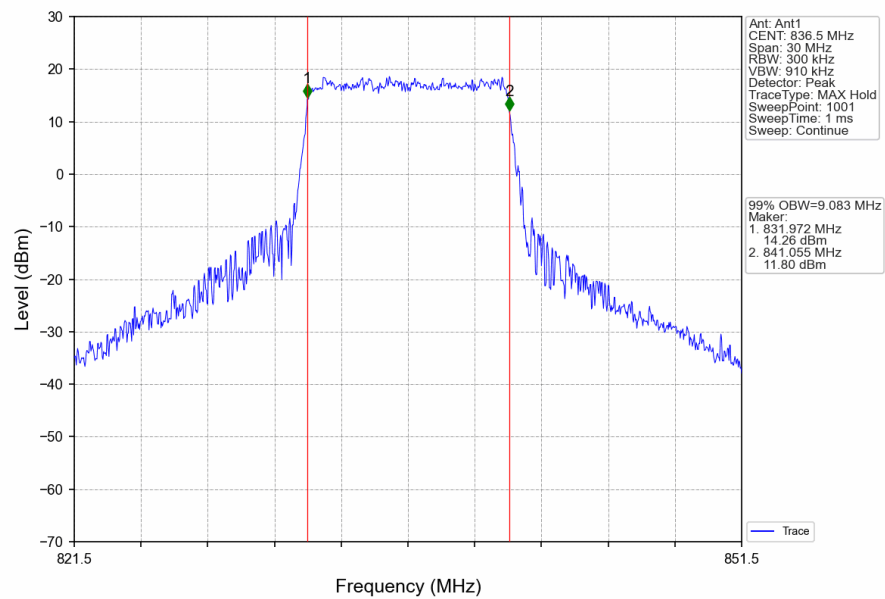
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



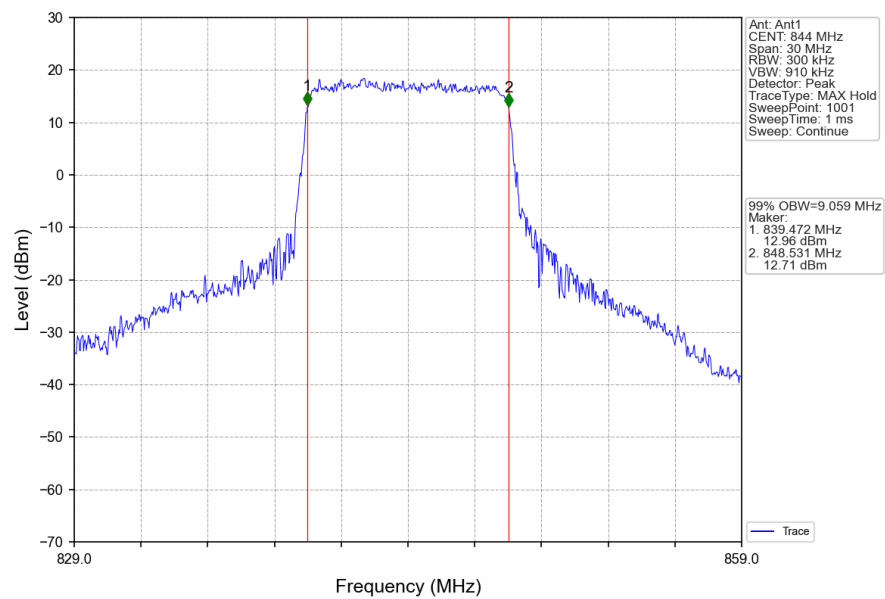
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

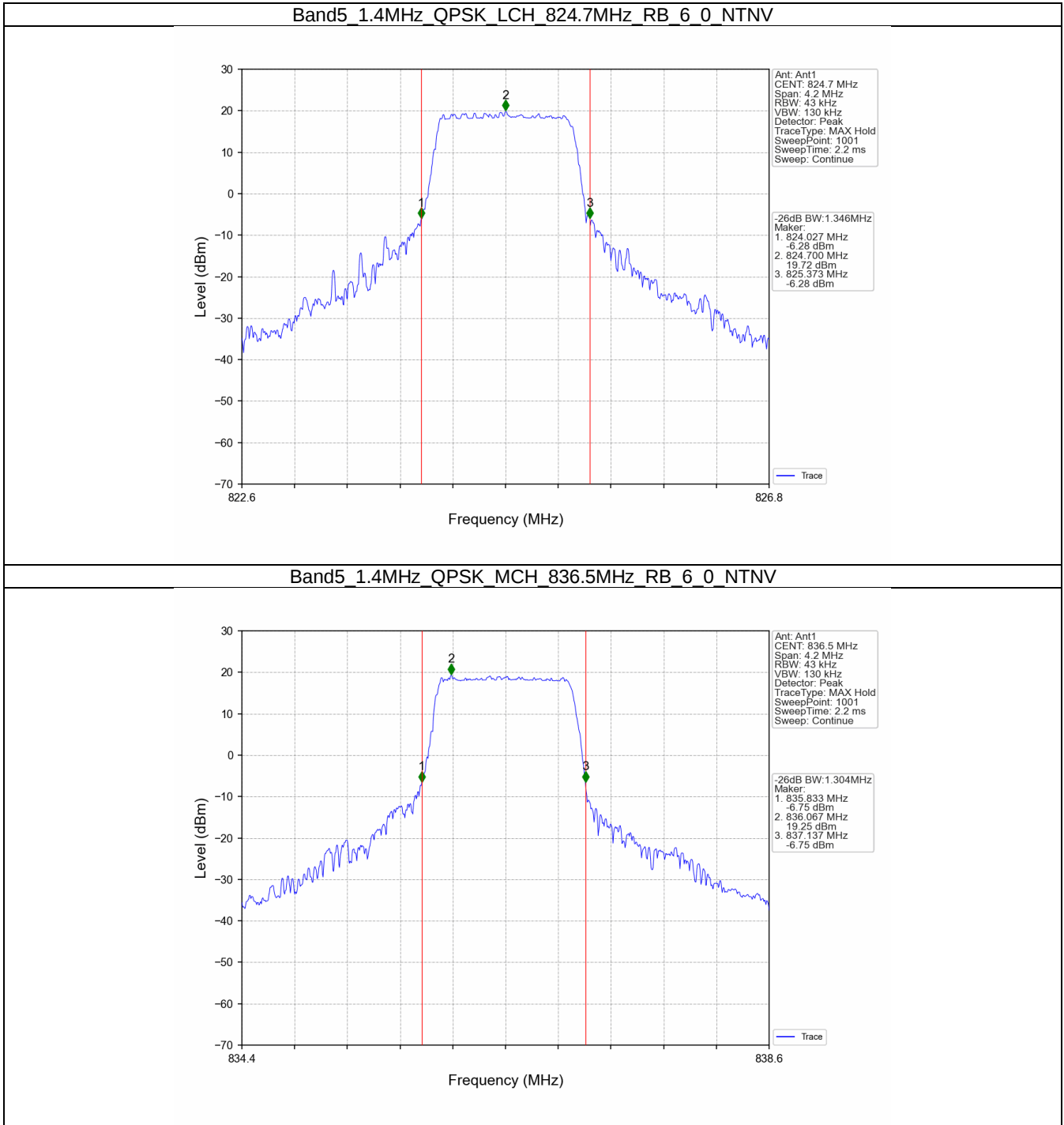


6.2 Band5_XDB

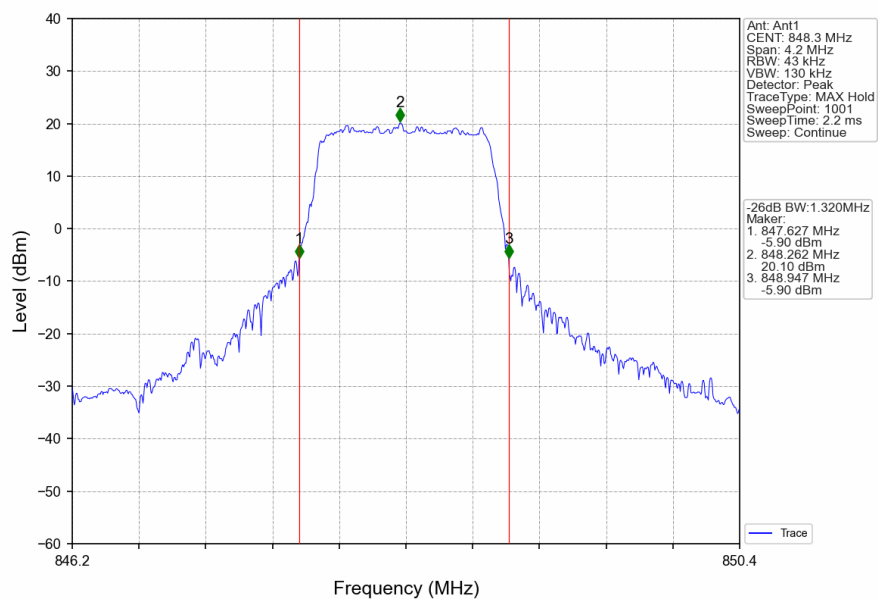
6.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.346	Pass
		836.5	6	0	1.304	Pass
		848.3	6	0	1.320	Pass
	16QAM	824.7	6	0	1.318	Pass
		836.5	6	0	1.289	Pass
		848.3	6	0	1.309	Pass
3	QPSK	825.5	15	0	3.144	Pass
		836.5	15	0	3.142	Pass
		847.5	15	0	3.208	Pass
	16QAM	825.5	15	0	3.202	Pass
		836.5	15	0	3.275	Pass
		847.5	15	0	3.108	Pass
5	QPSK	826.5	25	0	5.391	Pass
		836.5	25	0	5.823	Pass
		846.5	25	0	5.579	Pass
	16QAM	826.5	25	0	5.569	Pass
		836.5	25	0	5.650	Pass
		846.5	25	0	5.472	Pass
10	QPSK	829	50	0	10.325	Pass
		836.5	50	0	10.246	Pass
		844	50	0	10.321	Pass
	16QAM	829	50	0	10.261	Pass
		836.5	50	0	10.331	Pass
		844	50	0	10.275	Pass

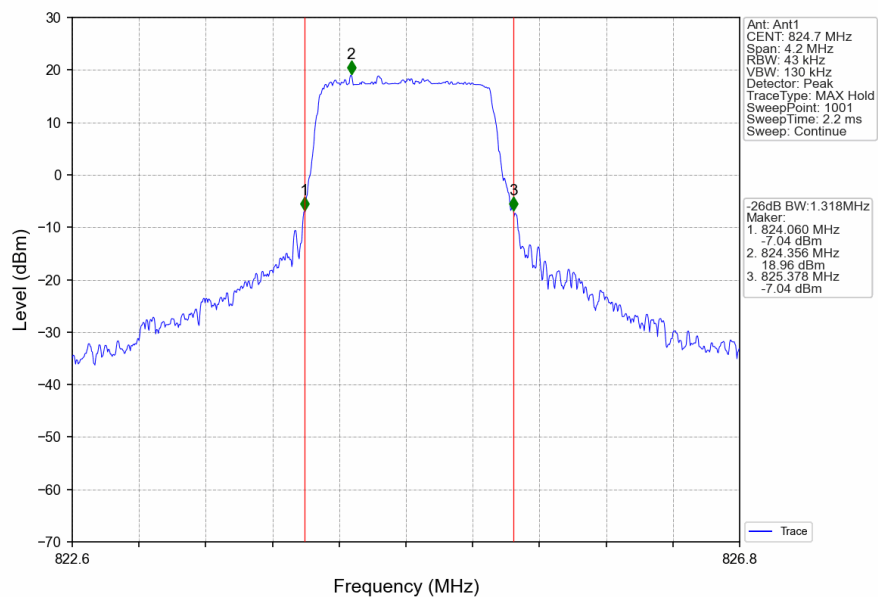
6.2.2 Test Graph



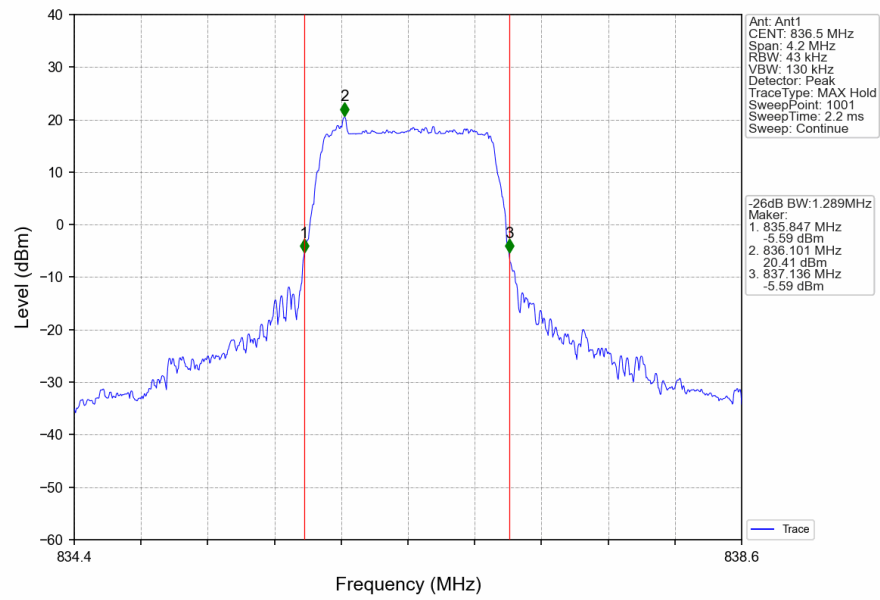
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



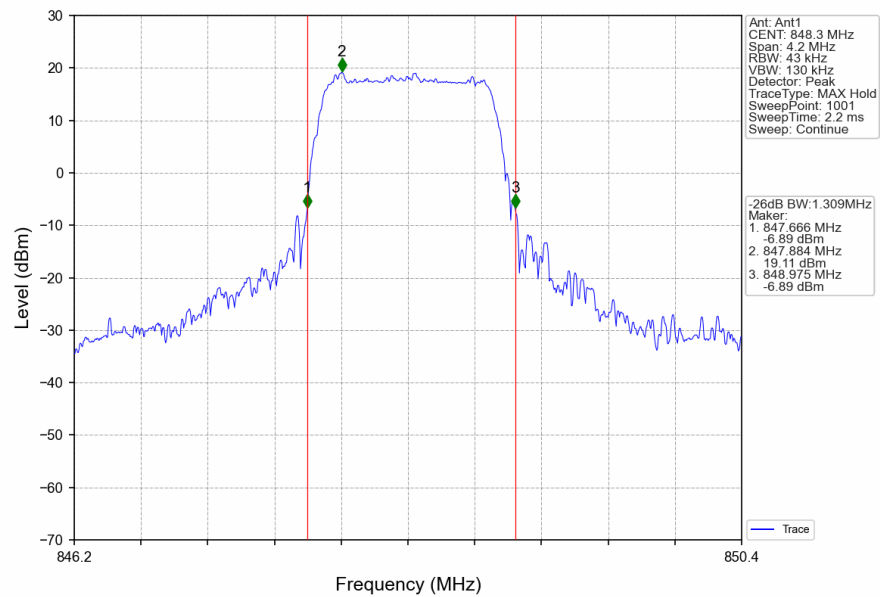
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



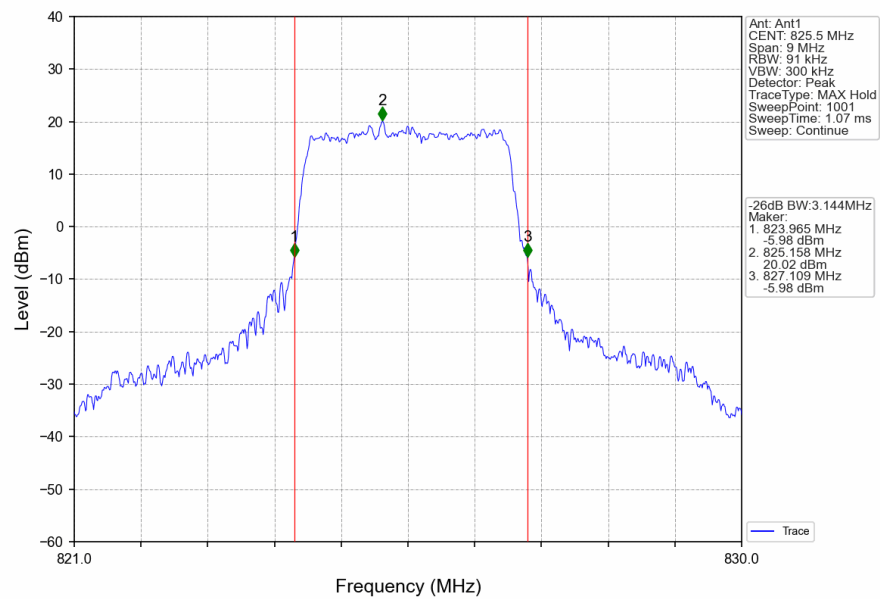
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



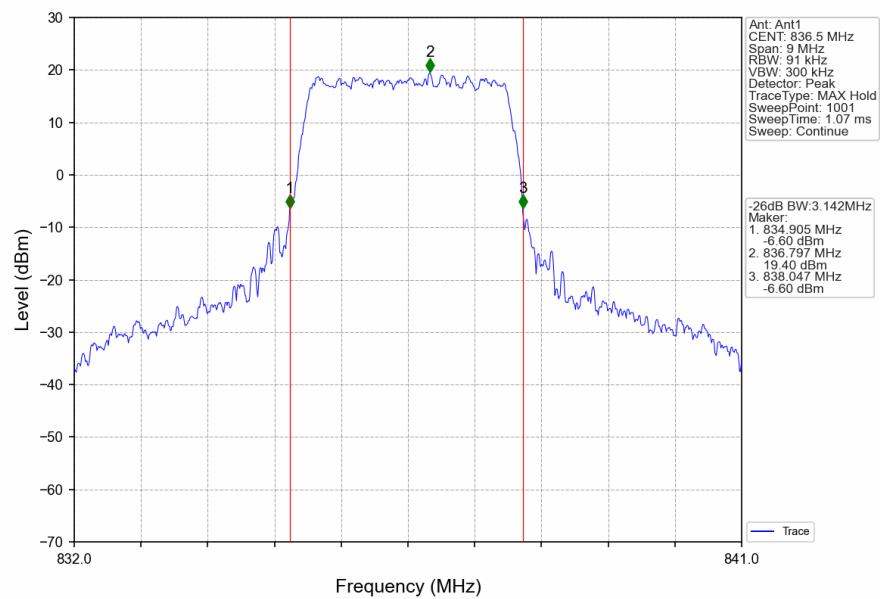
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



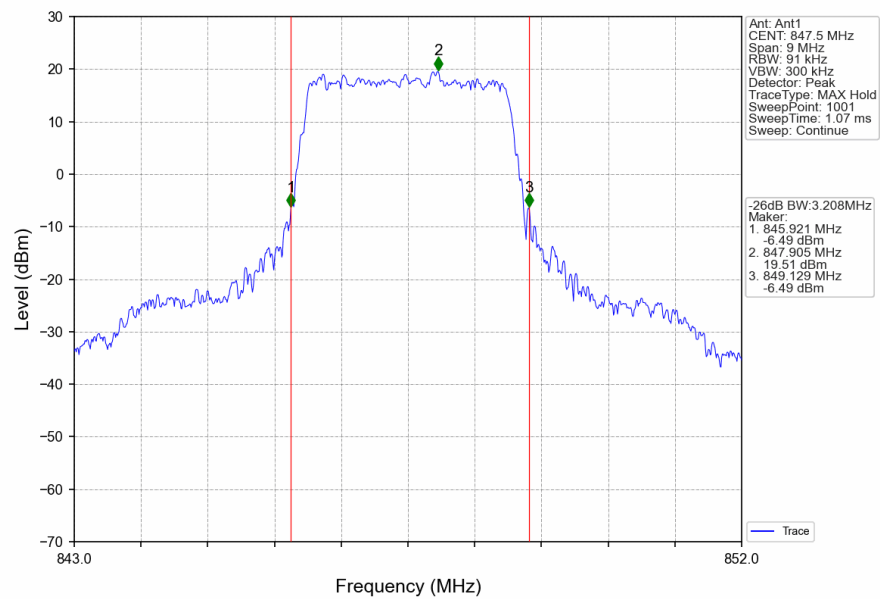
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



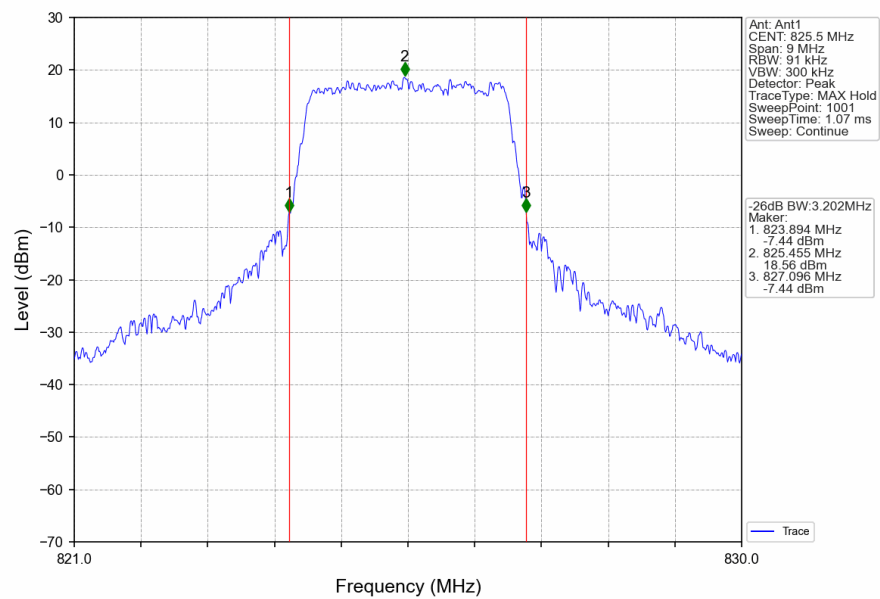
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



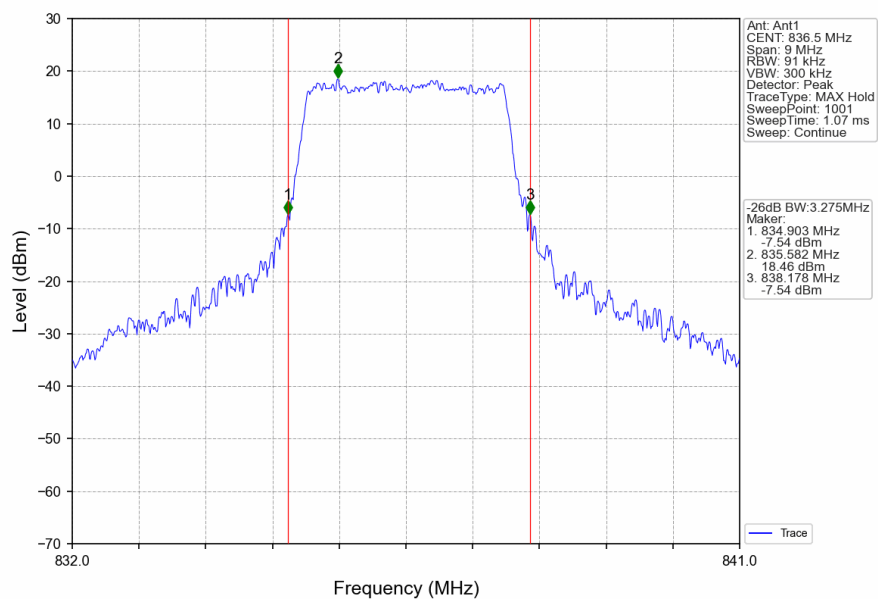
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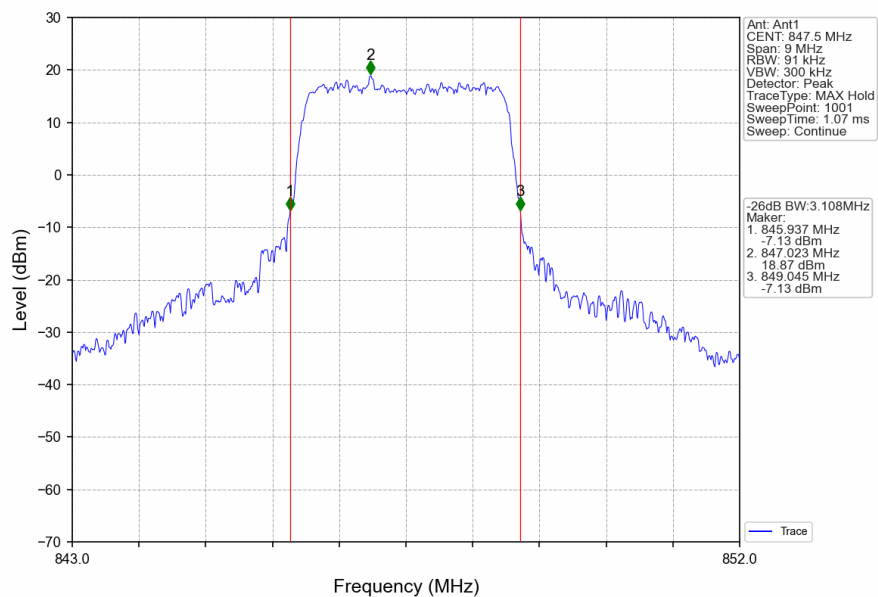
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



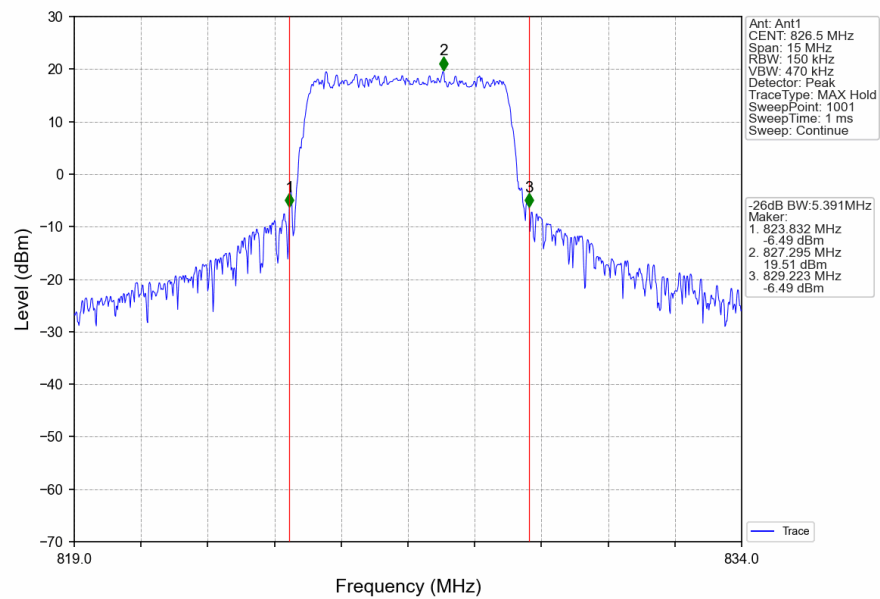
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



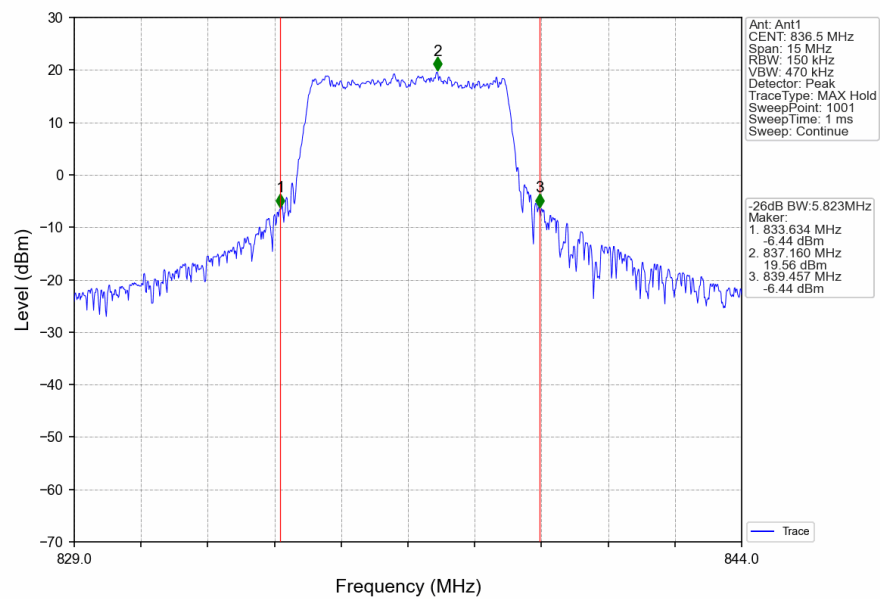
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



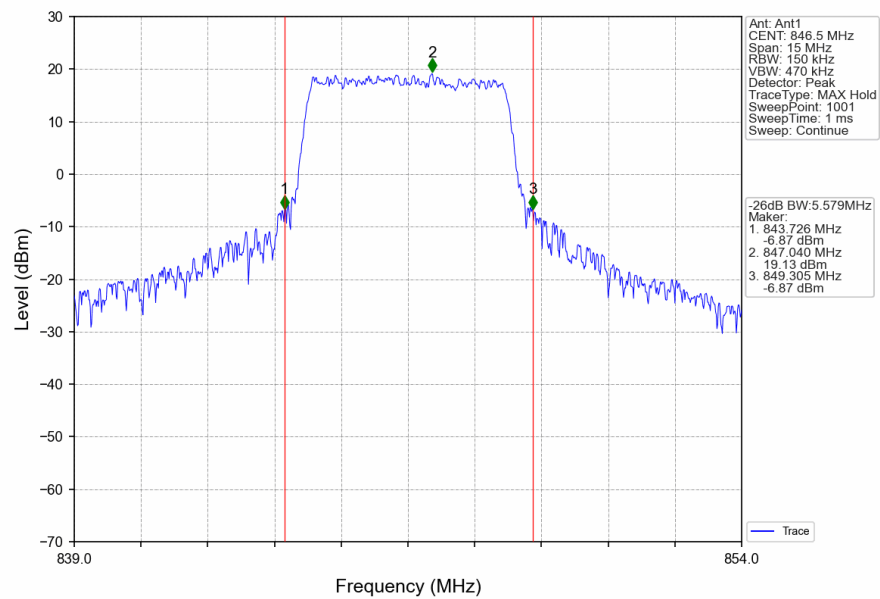
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



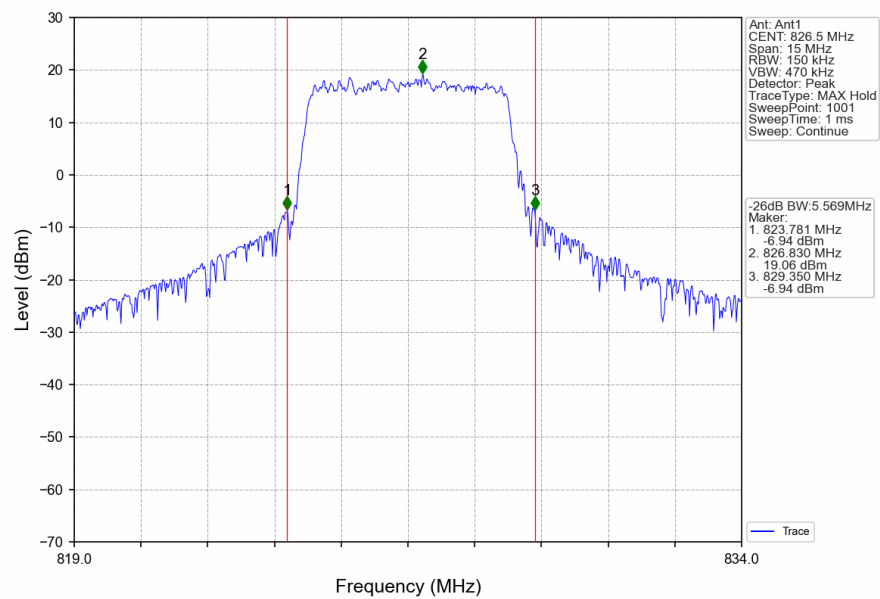
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



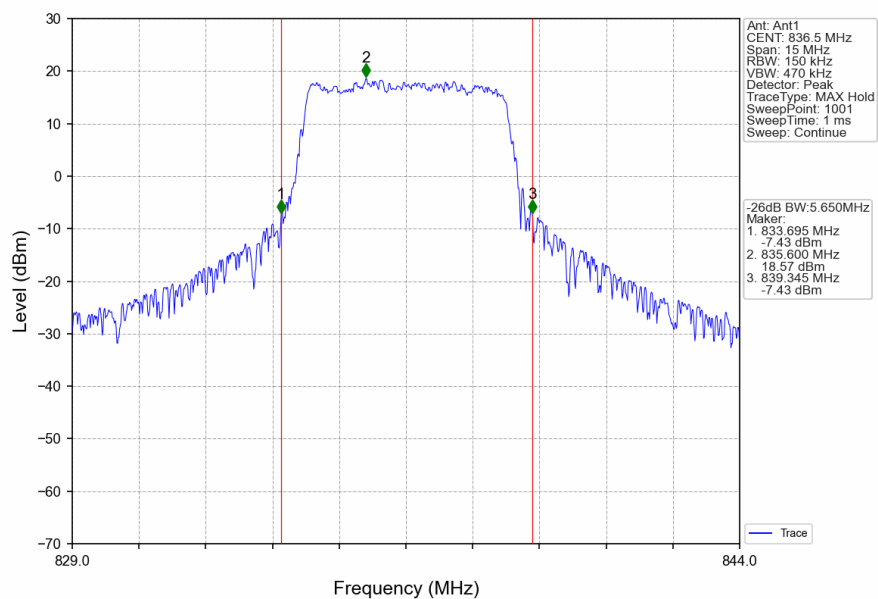
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



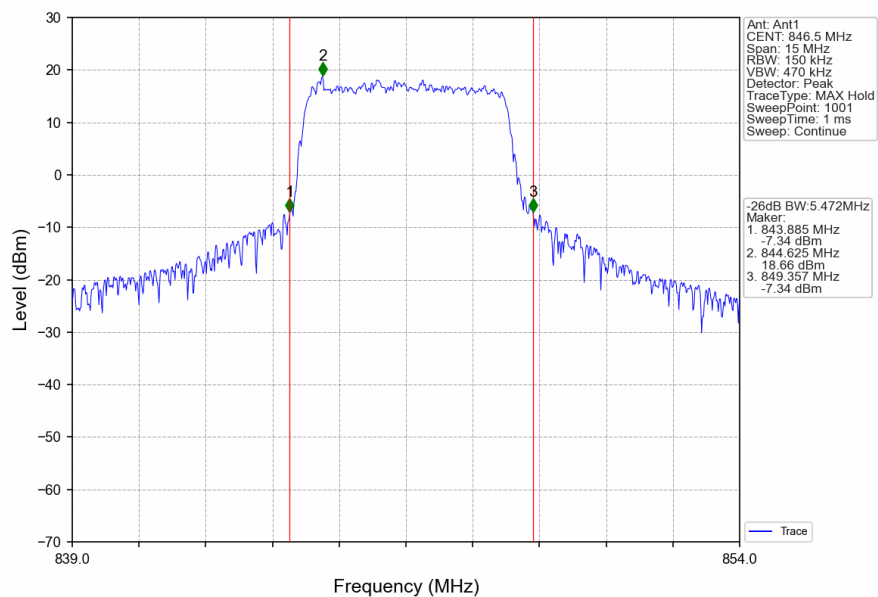
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



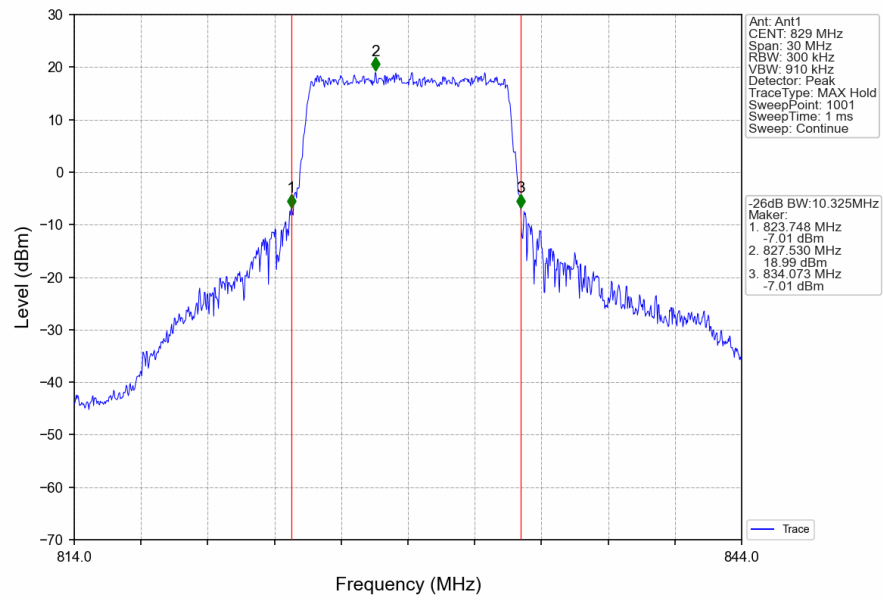
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



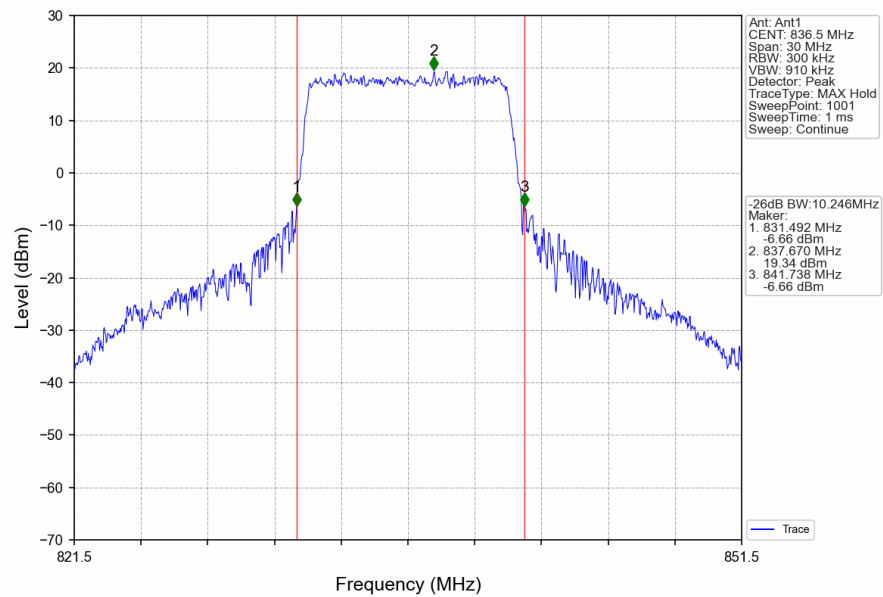
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



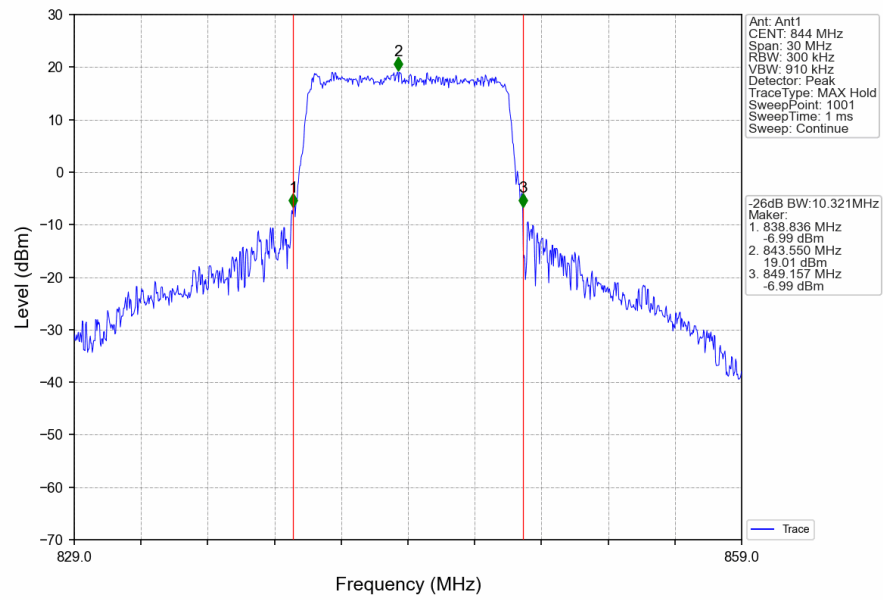
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

