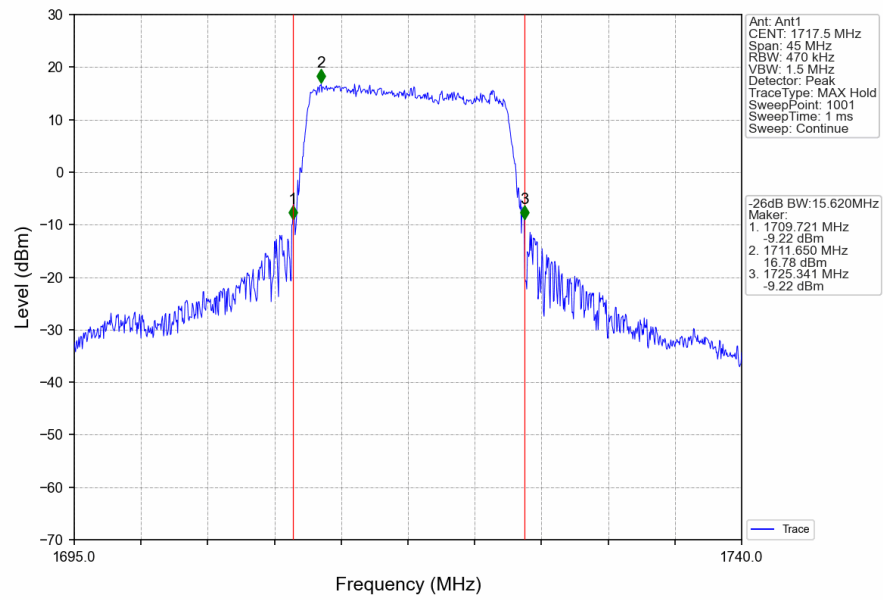
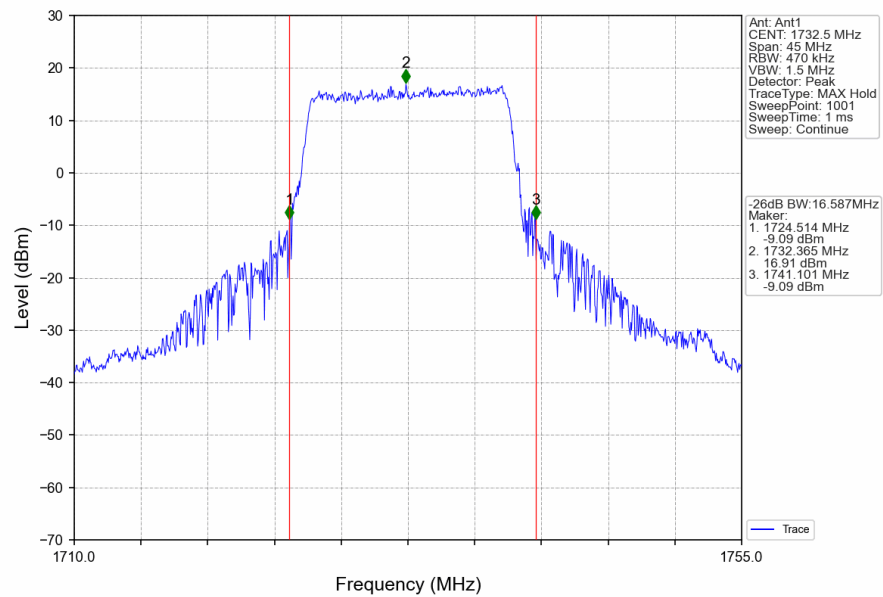


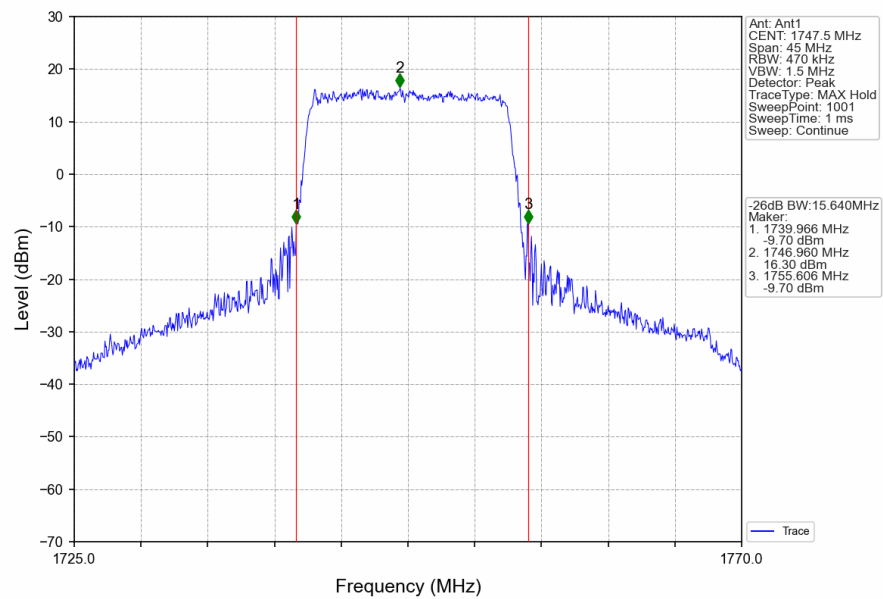
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



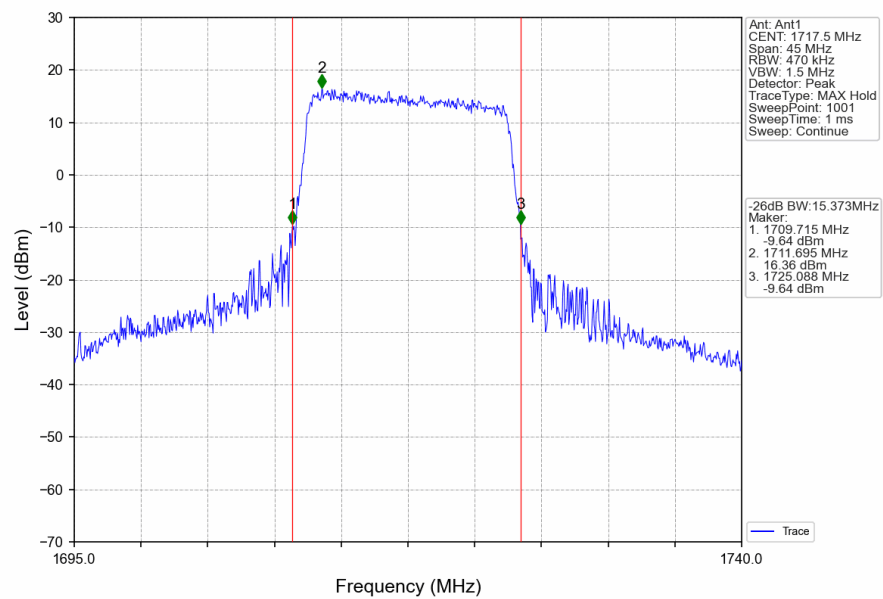
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



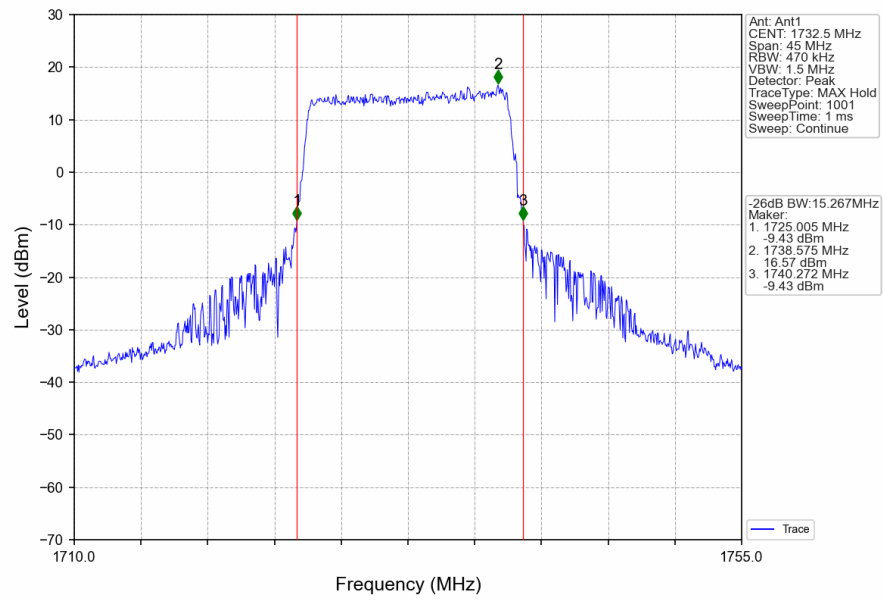
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



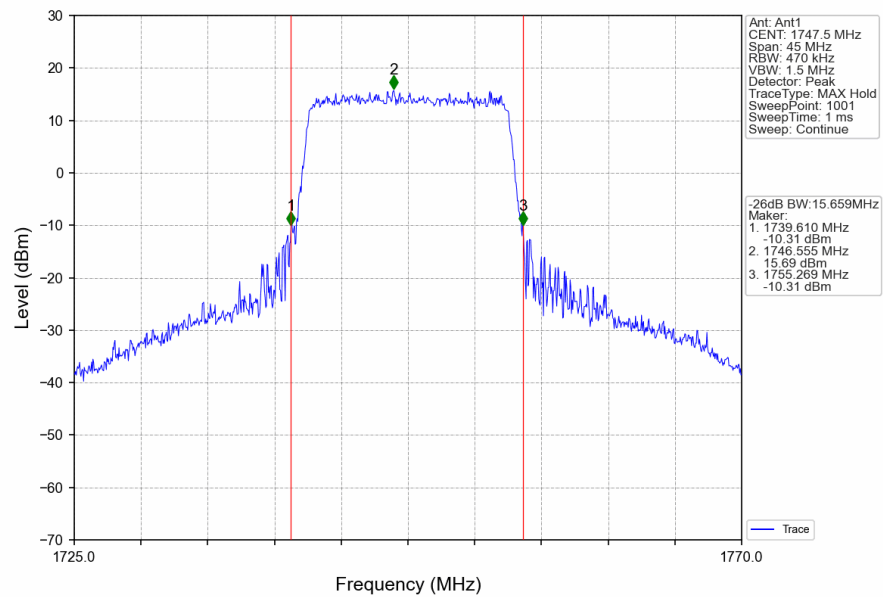
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



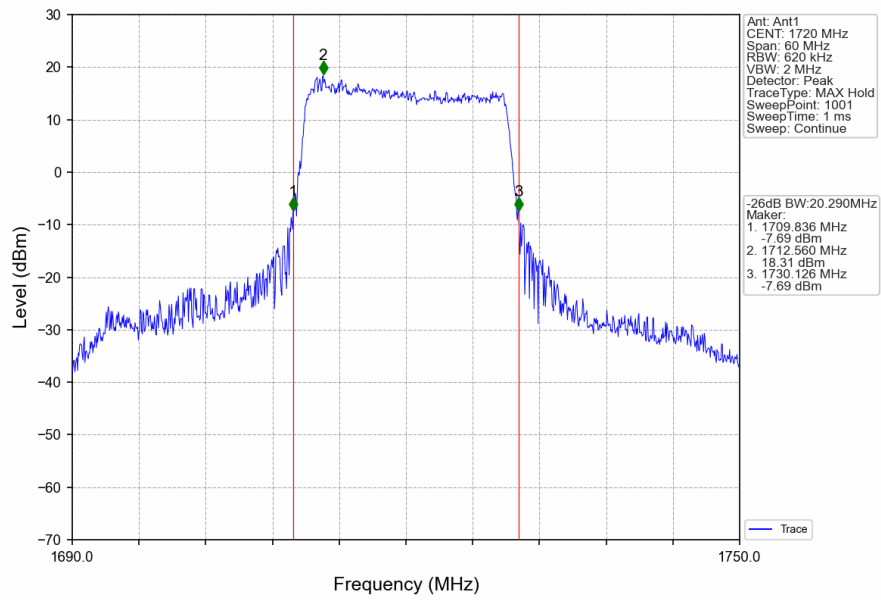
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



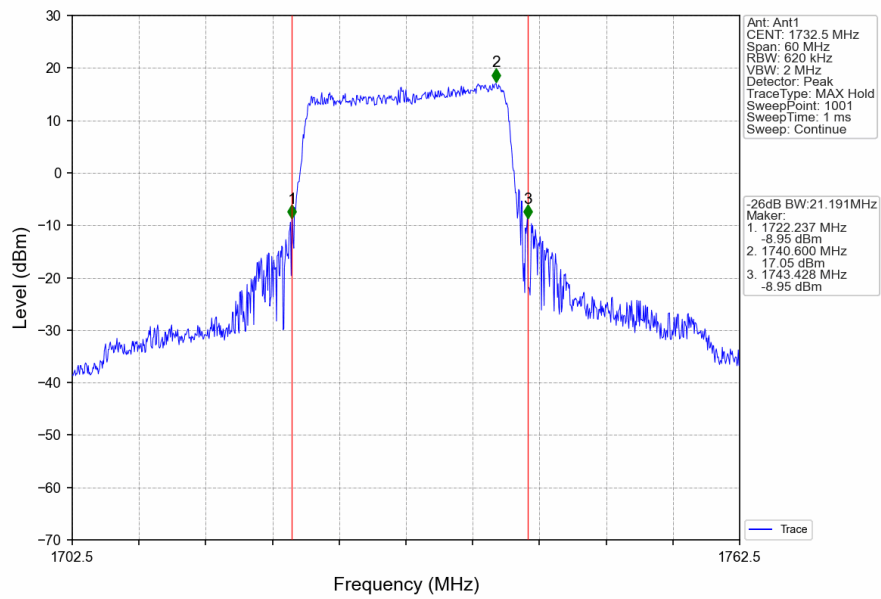
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



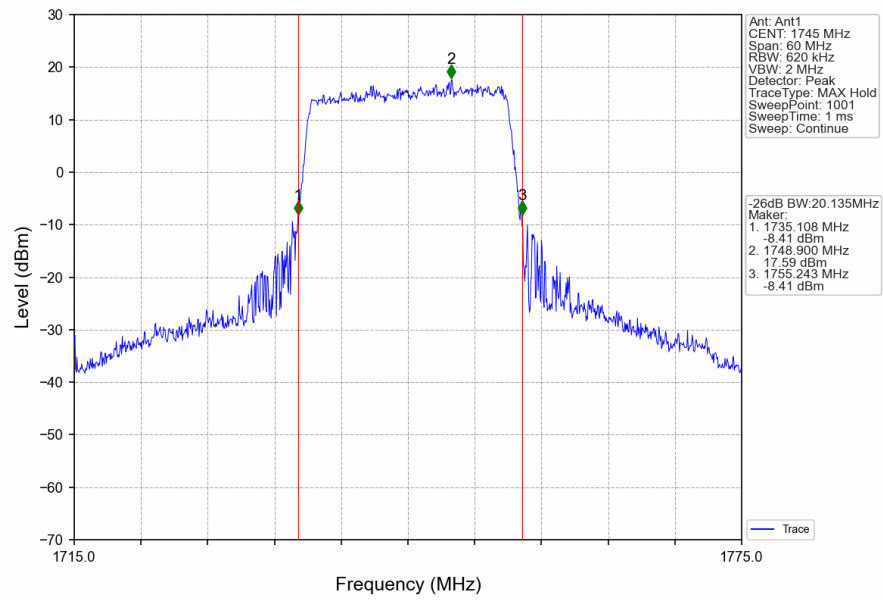
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



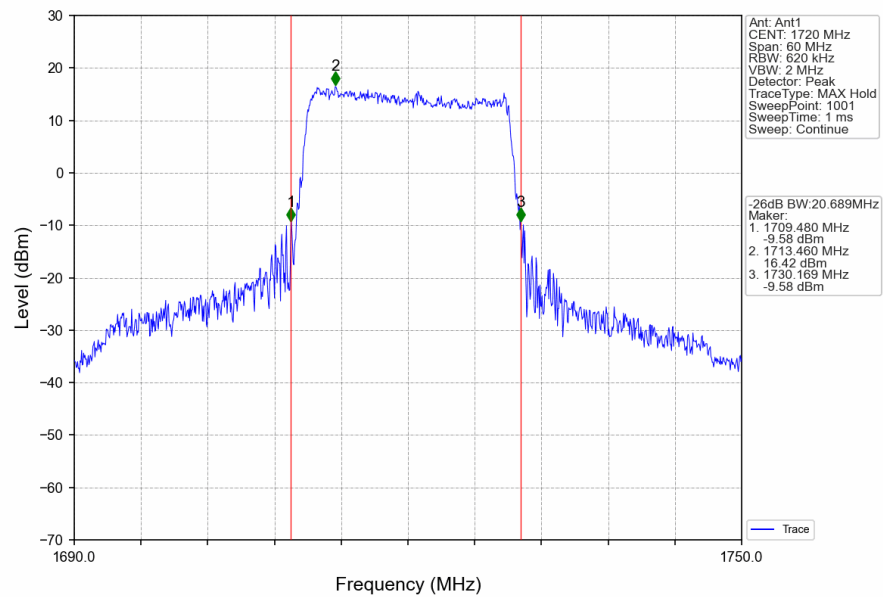
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



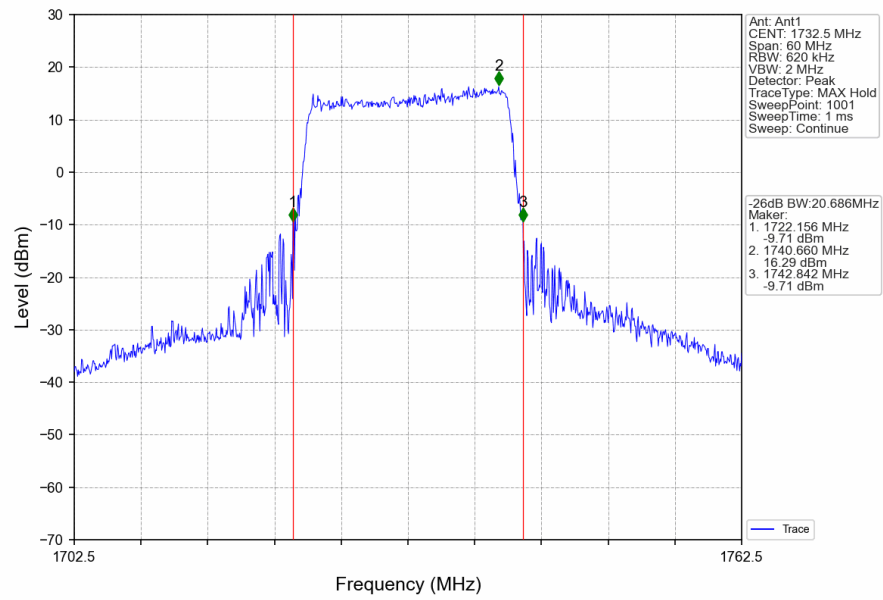
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



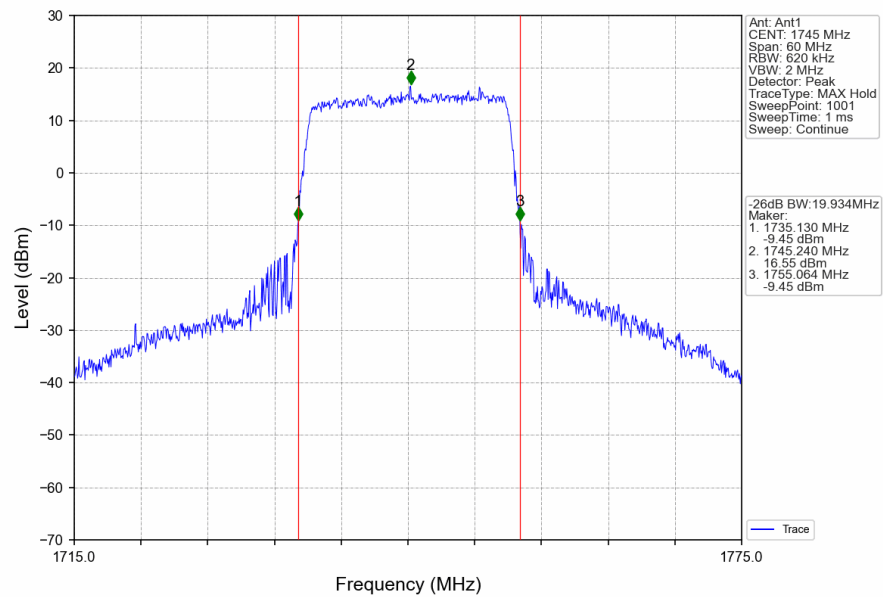
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



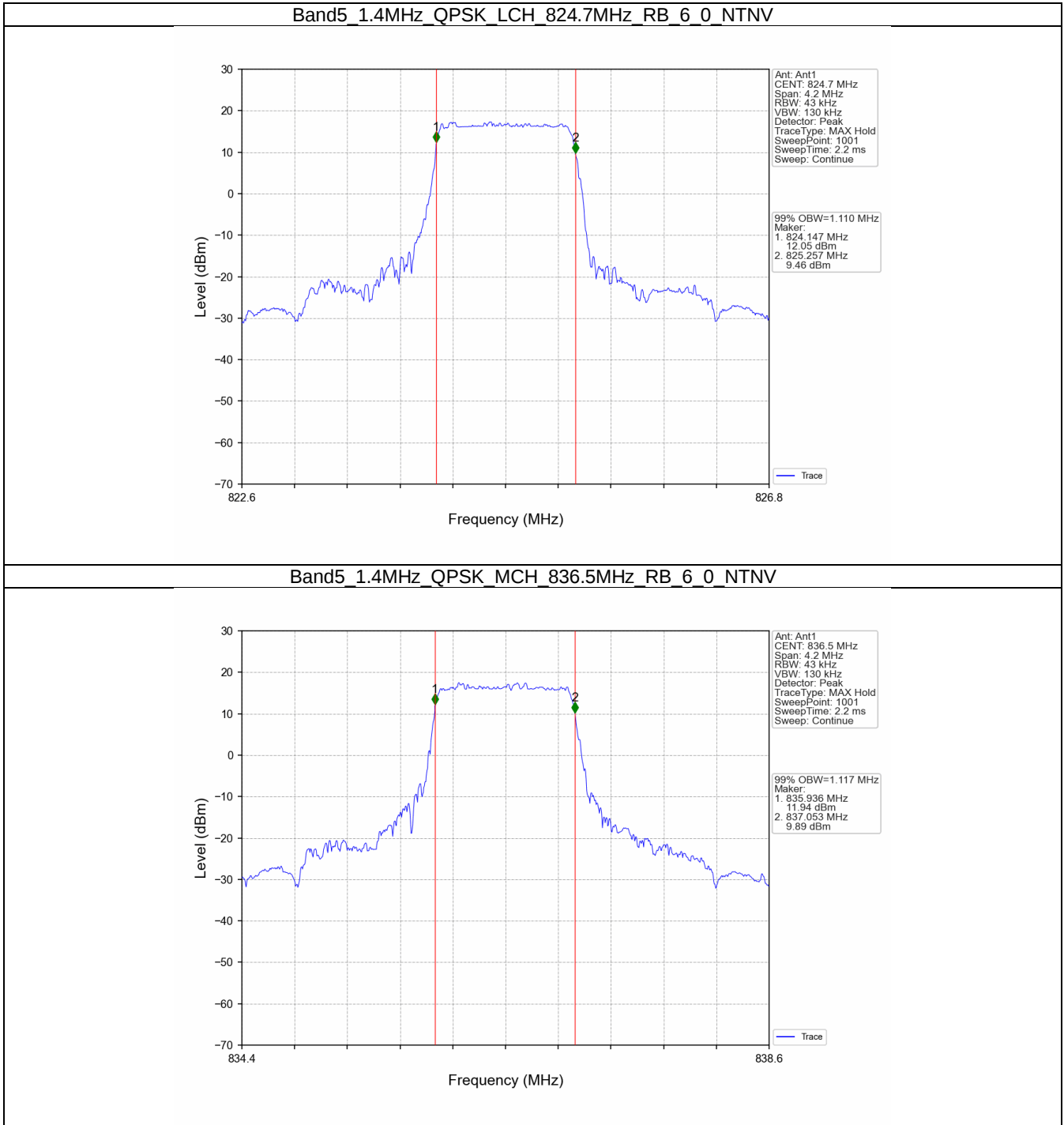
4. 99% & 26dB Bandwidth

4.1 Band5_OBW

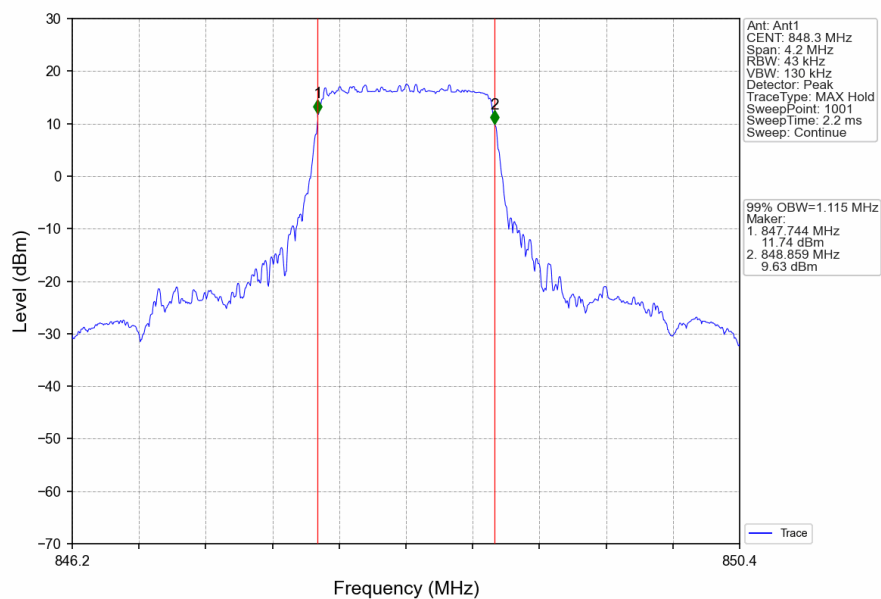
4.1.1 Test Result

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	1.110	Pass
		836.5	6	0	1.117	Pass
		848.3	6	0	1.115	Pass
	16QAM	824.7	6	0	1.124	Pass
		836.5	6	0	1.119	Pass
		848.3	6	0	1.107	Pass
3	QPSK	825.5	15	0	2.766	Pass
		836.5	15	0	2.769	Pass
		847.5	15	0	2.759	Pass
	16QAM	825.5	15	0	2.764	Pass
		836.5	15	0	2.748	Pass
		847.5	15	0	2.774	Pass
5	QPSK	826.5	25	0	4.595	Pass
		836.5	25	0	4.562	Pass
		846.5	25	0	4.562	Pass
	16QAM	826.5	25	0	4.588	Pass
		836.5	25	0	4.577	Pass
		846.5	25	0	4.597	Pass
10	QPSK	829	50	0	9.079	Pass
		836.5	50	0	9.105	Pass
		844	50	0	9.074	Pass
	16QAM	829	50	0	9.096	Pass
		836.5	50	0	9.072	Pass
		844	50	0	9.083	Pass

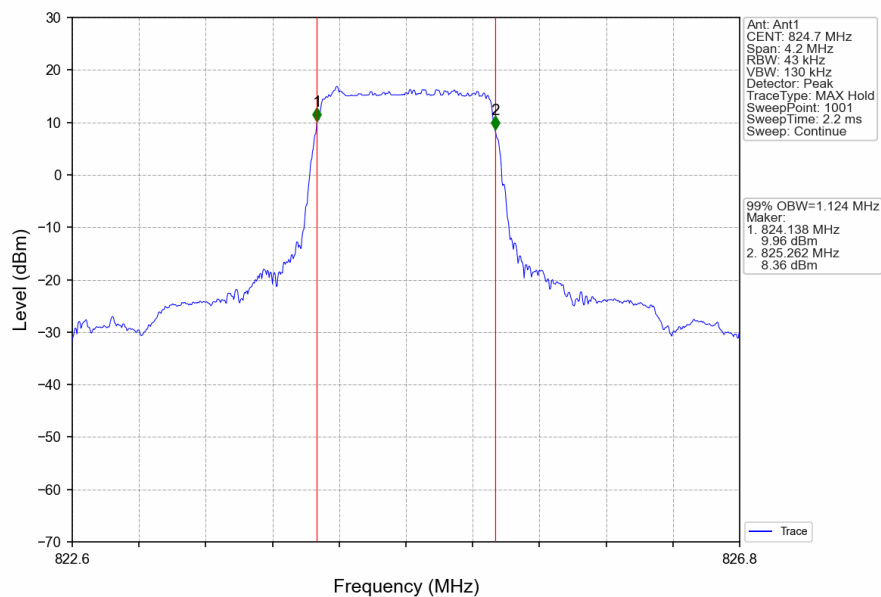
4.1.2 Test Graph



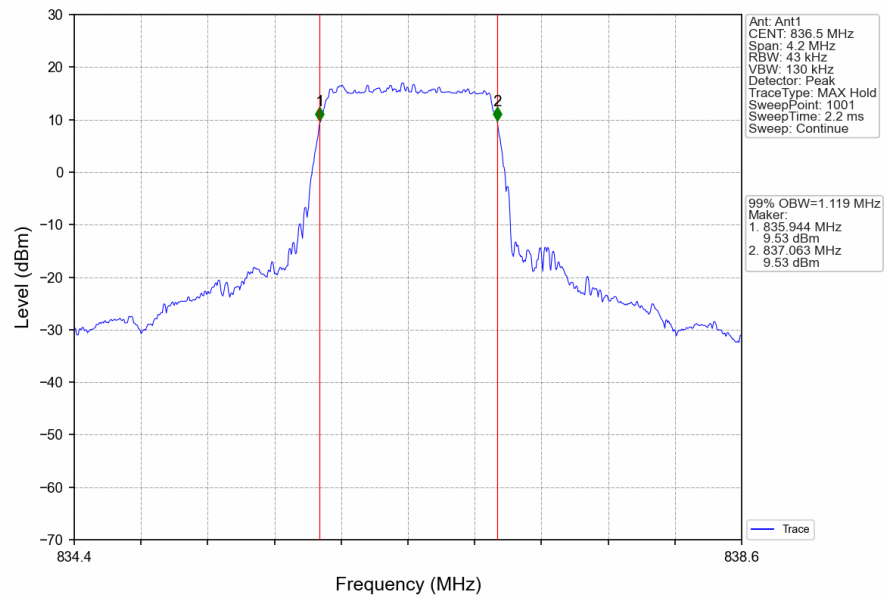
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



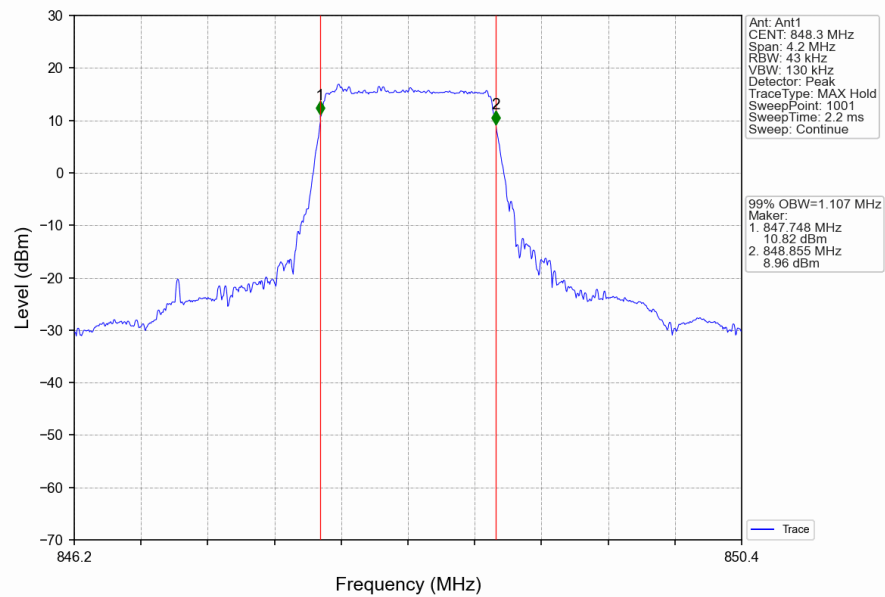
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



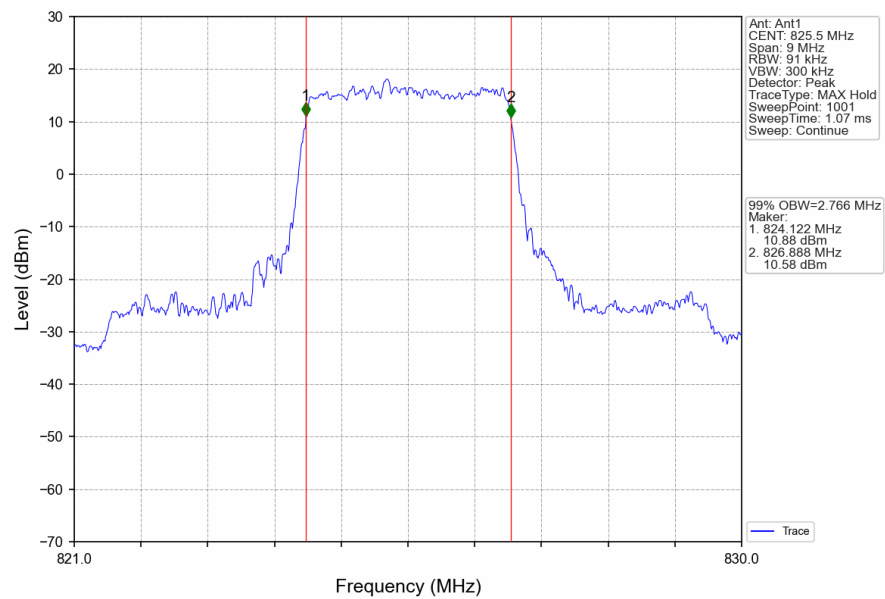
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



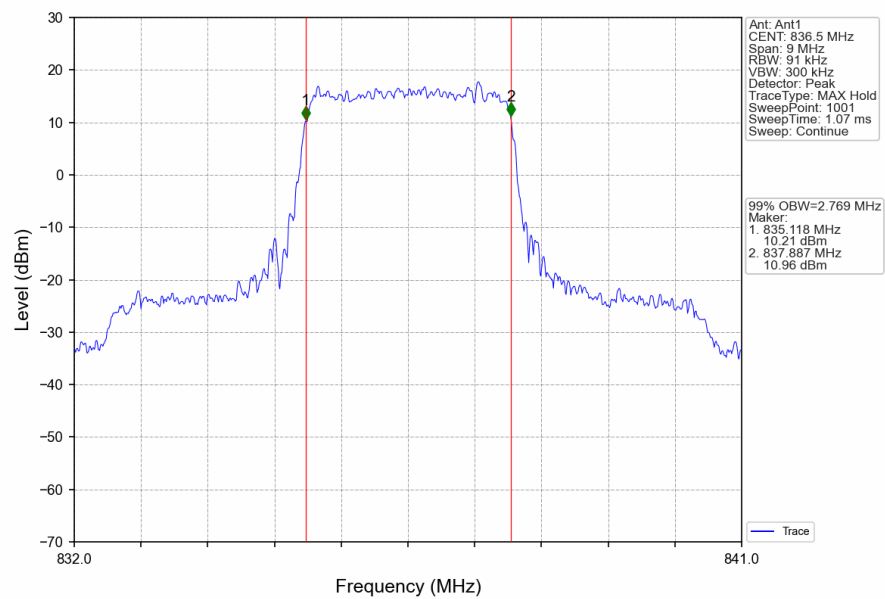
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



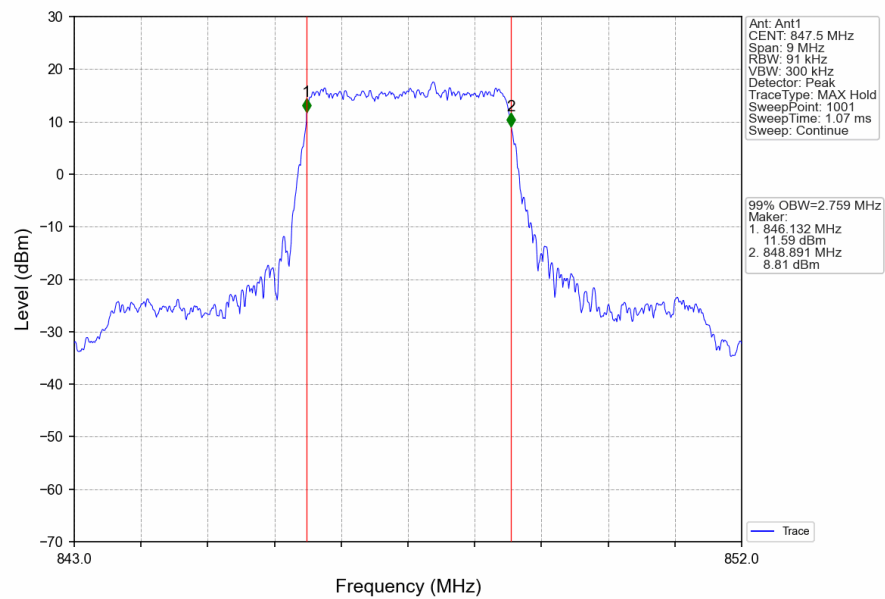
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



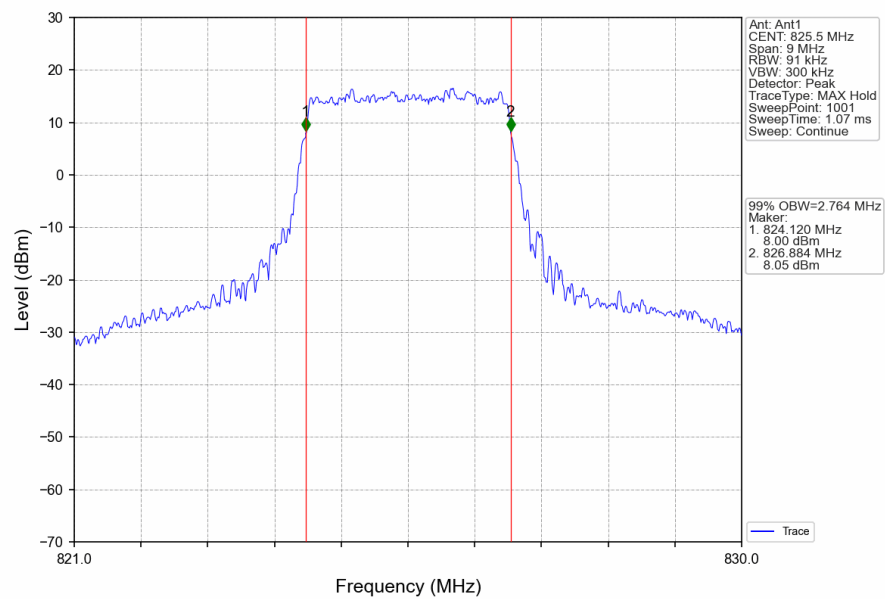
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



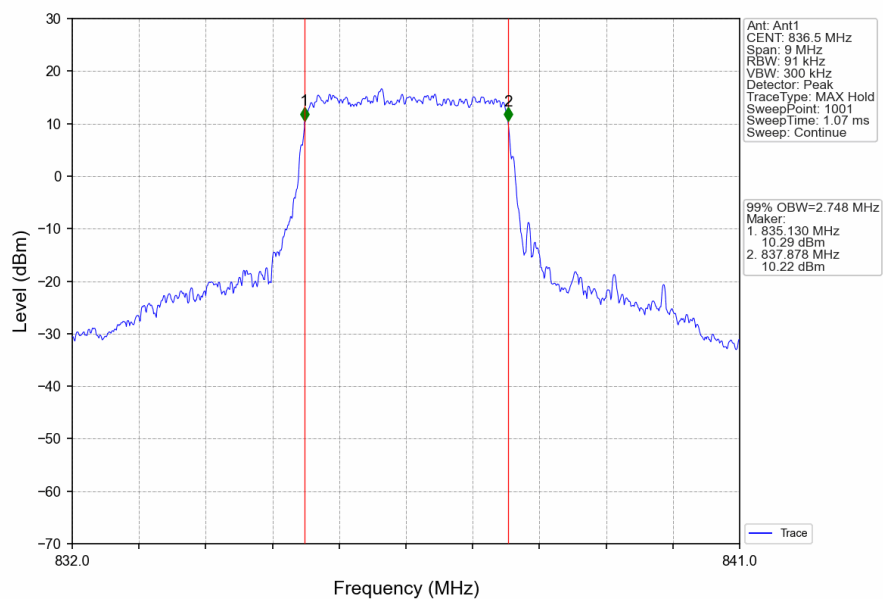
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



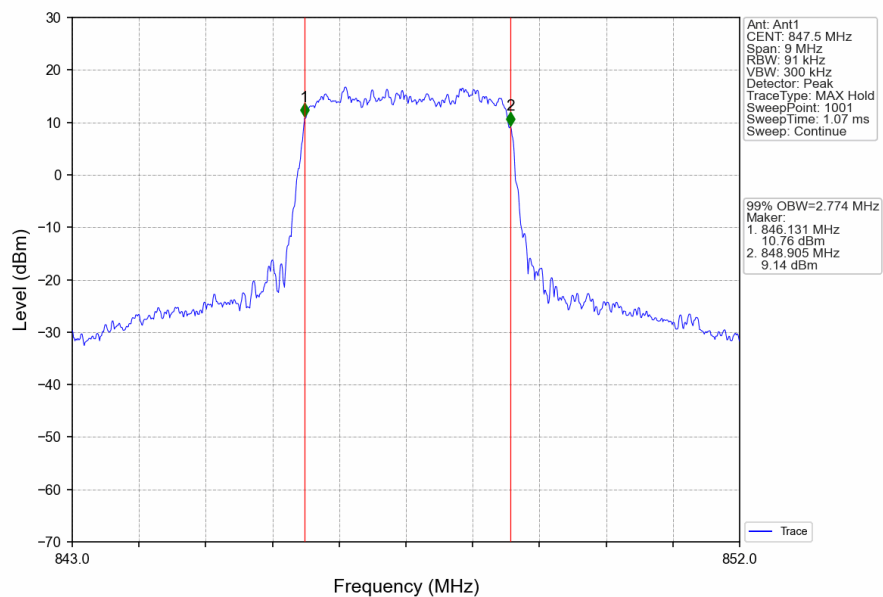
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



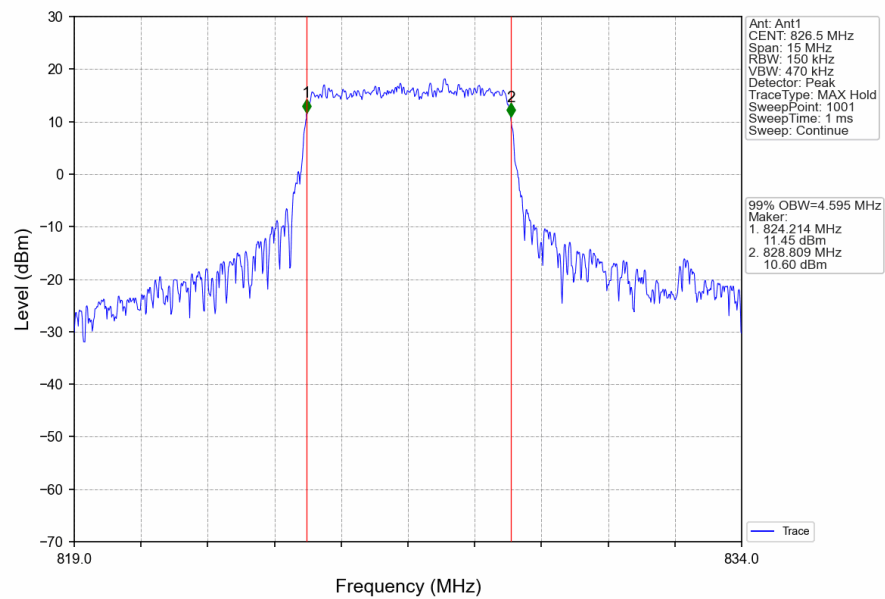
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



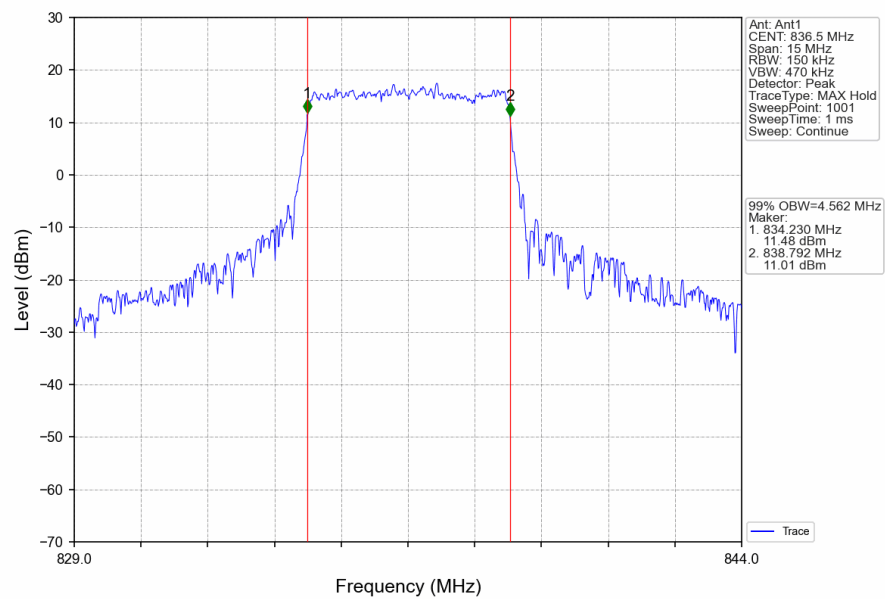
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



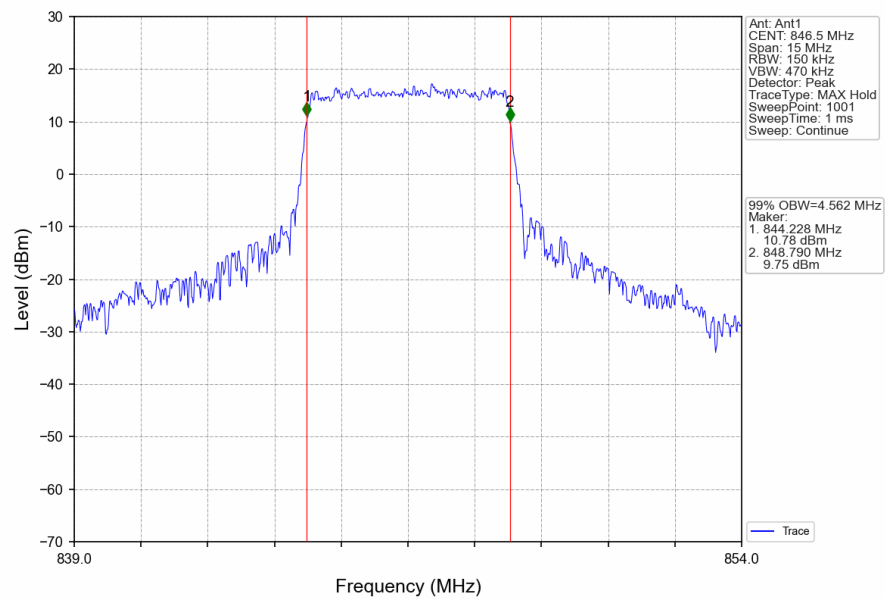
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



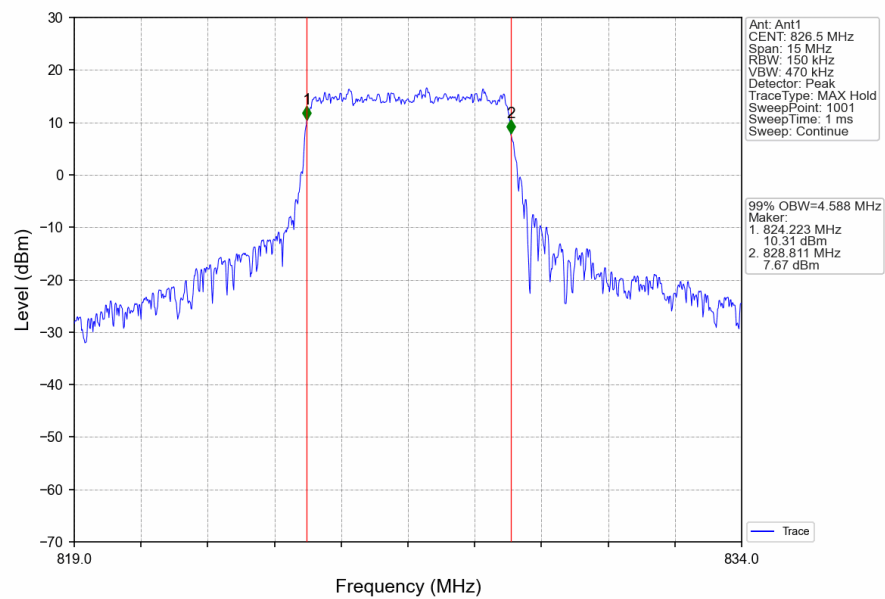
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



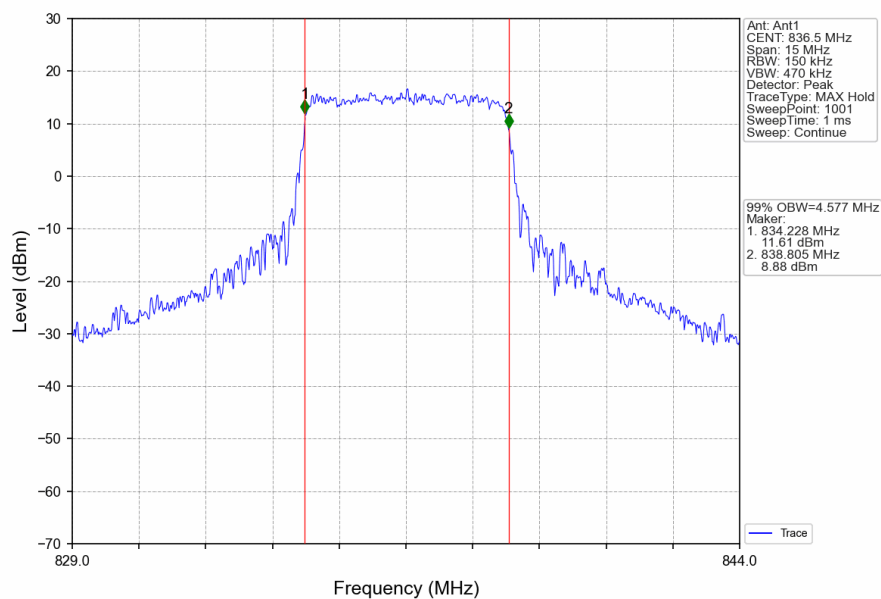
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



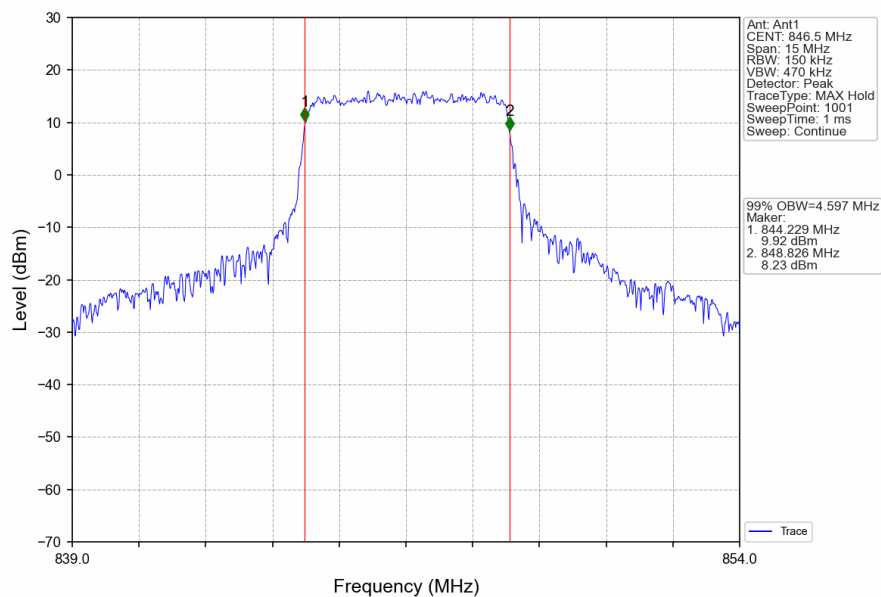
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



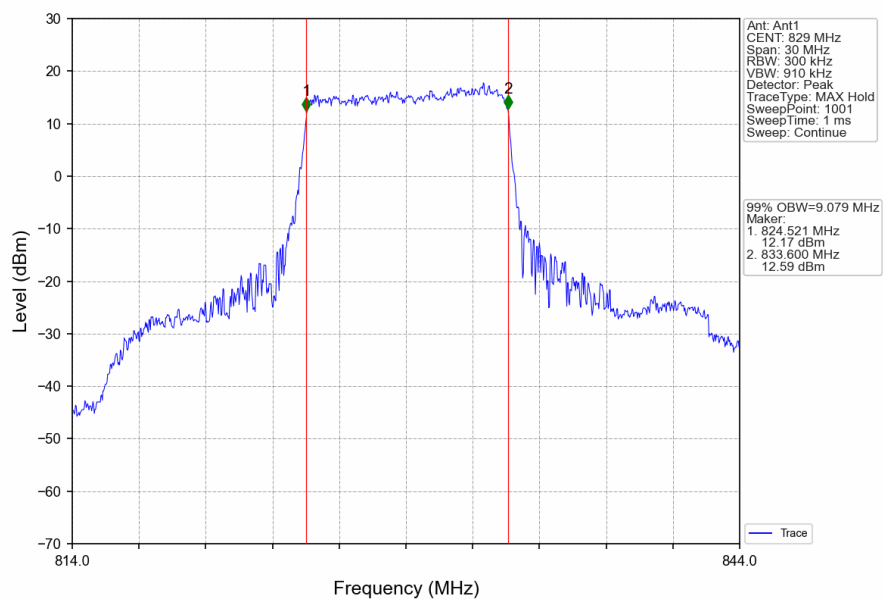
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



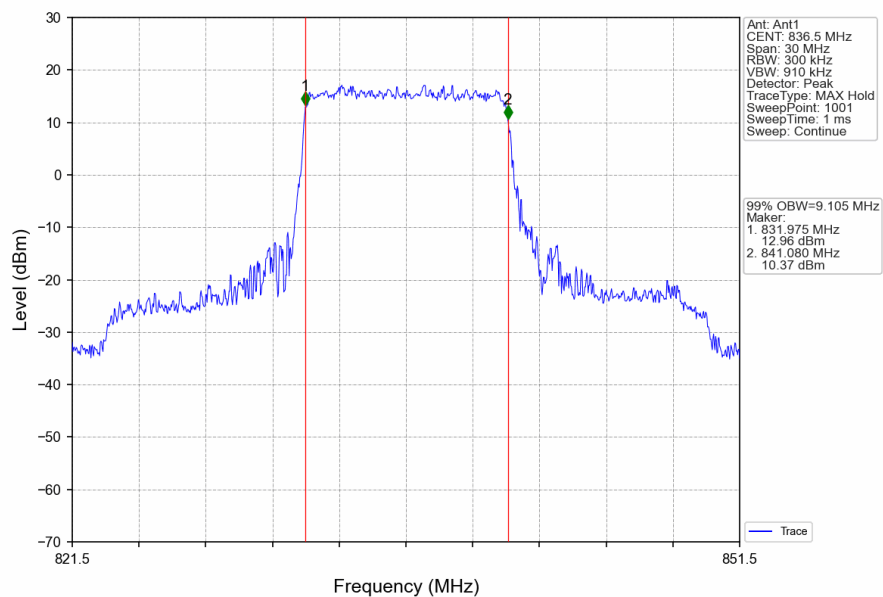
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



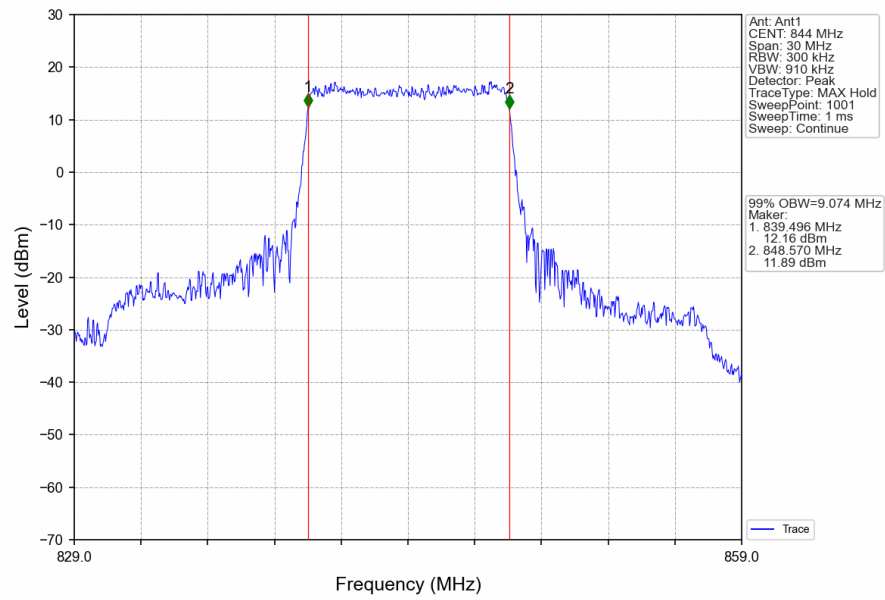
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



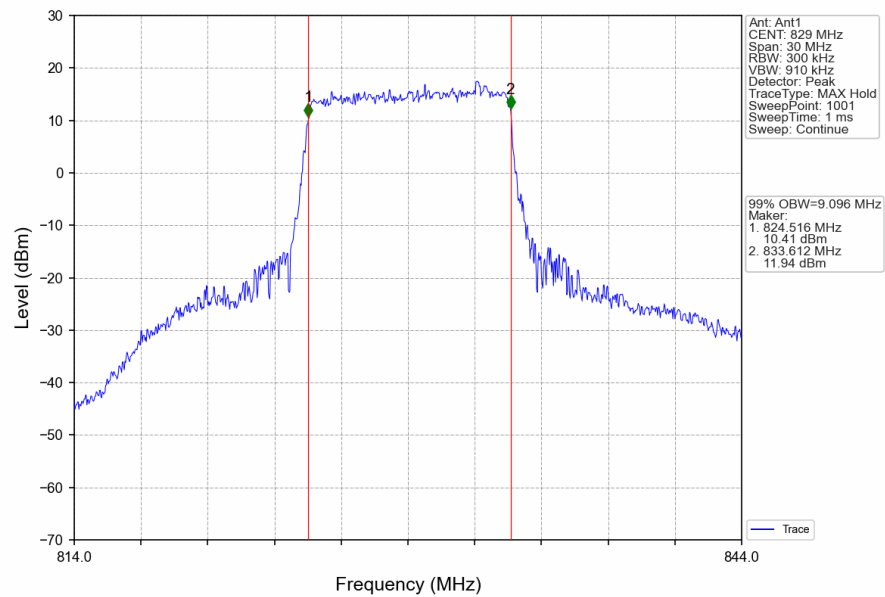
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



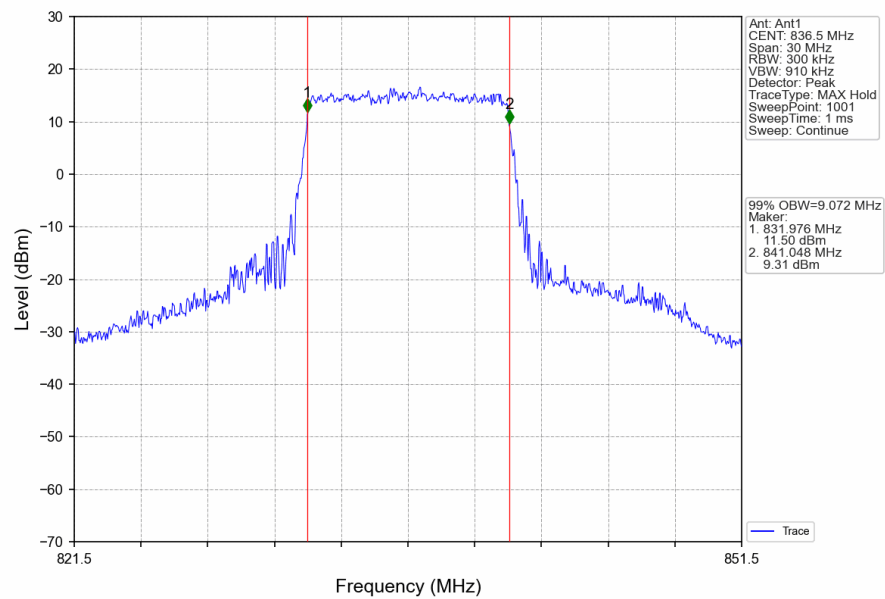
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



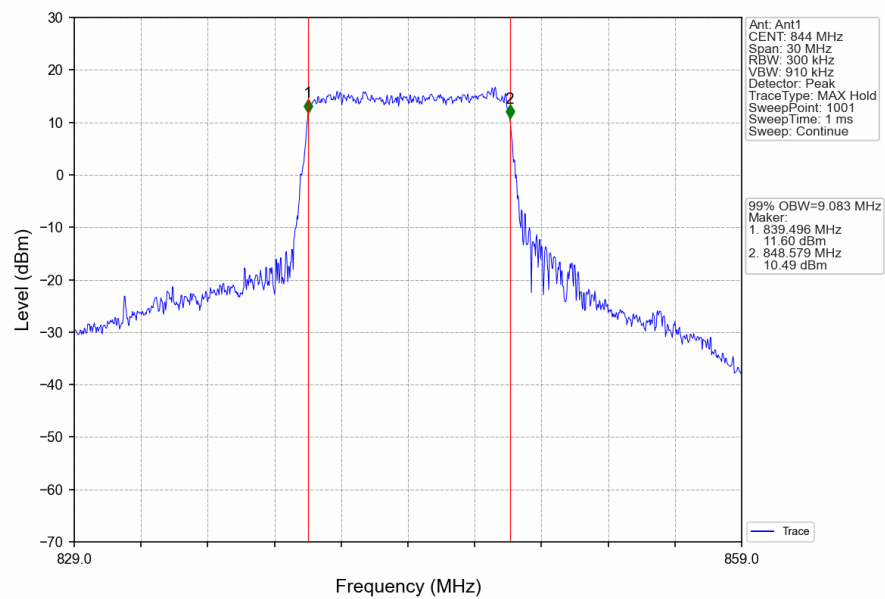
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

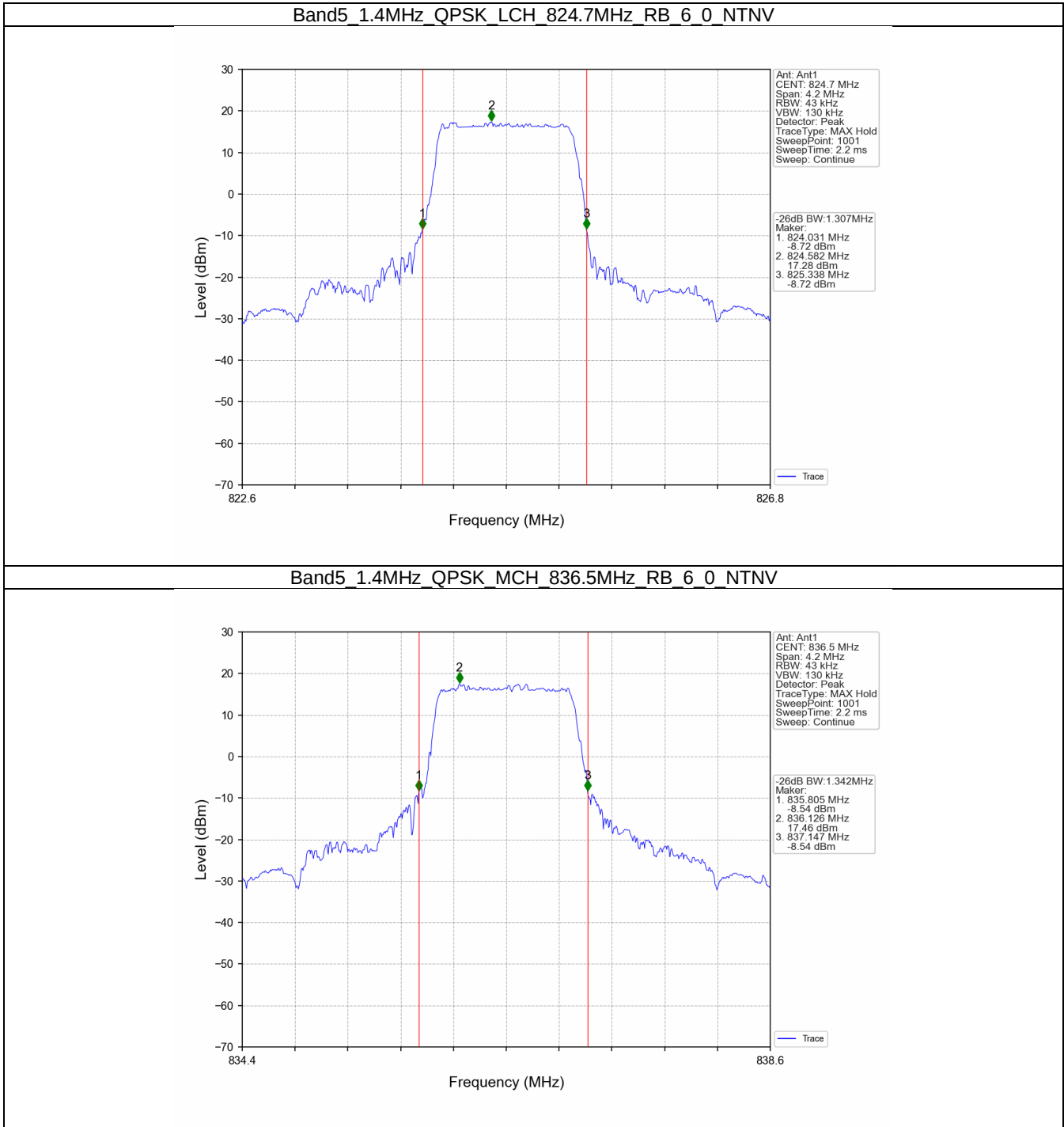


4.2 Band5_XDB

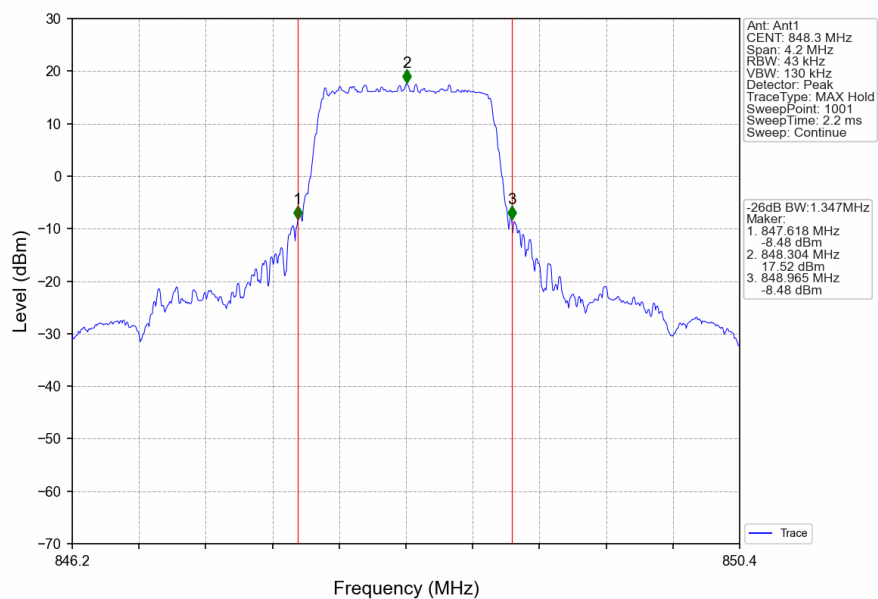
4.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.307	Pass
		836.5	6	0	1.342	Pass
		848.3	6	0	1.347	Pass
	16QAM	824.7	6	0	1.283	Pass
		836.5	6	0	1.301	Pass
		848.3	6	0	1.330	Pass
3	QPSK	825.5	15	0	3.125	Pass
		836.5	15	0	3.147	Pass
		847.5	15	0	3.183	Pass
	16QAM	825.5	15	0	3.222	Pass
		836.5	15	0	3.261	Pass
		847.5	15	0	3.086	Pass
5	QPSK	826.5	25	0	5.459	Pass
		836.5	25	0	5.733	Pass
		846.5	25	0	5.411	Pass
	16QAM	826.5	25	0	5.581	Pass
		836.5	25	0	5.529	Pass
		846.5	25	0	5.802	Pass
10	QPSK	829	50	0	10.202	Pass
		836.5	50	0	10.220	Pass
		844	50	0	10.288	Pass
	16QAM	829	50	0	10.186	Pass
		836.5	50	0	10.648	Pass
		844	50	0	10.302	Pass

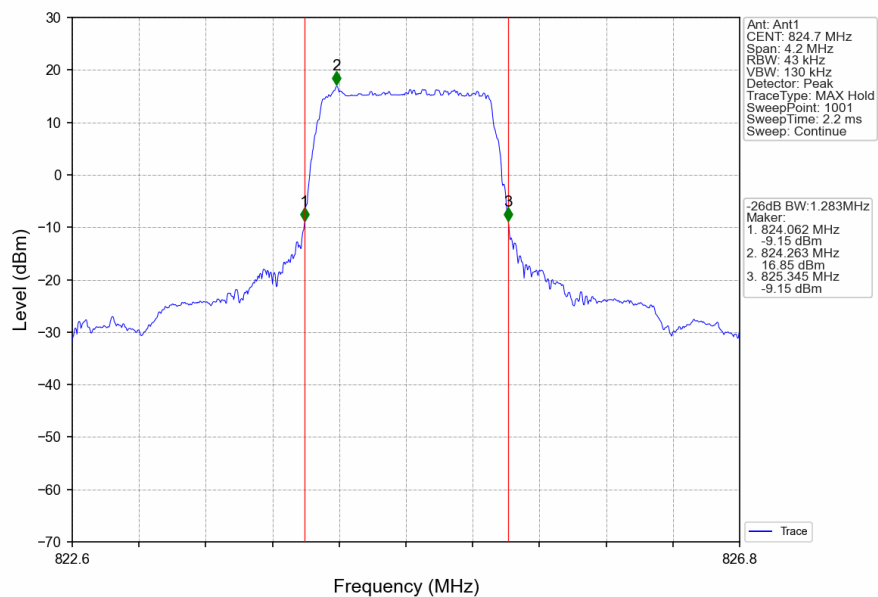
4.2.2 Test Graph



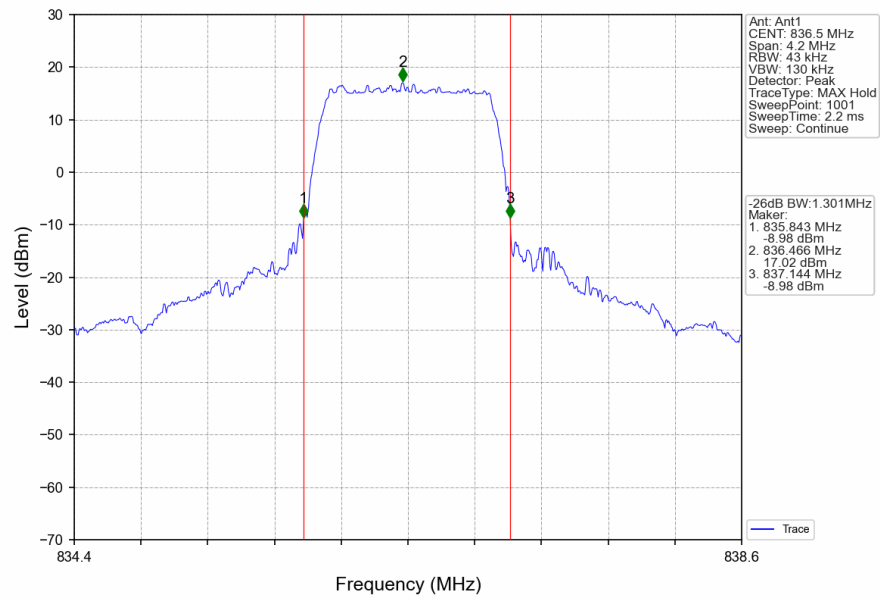
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



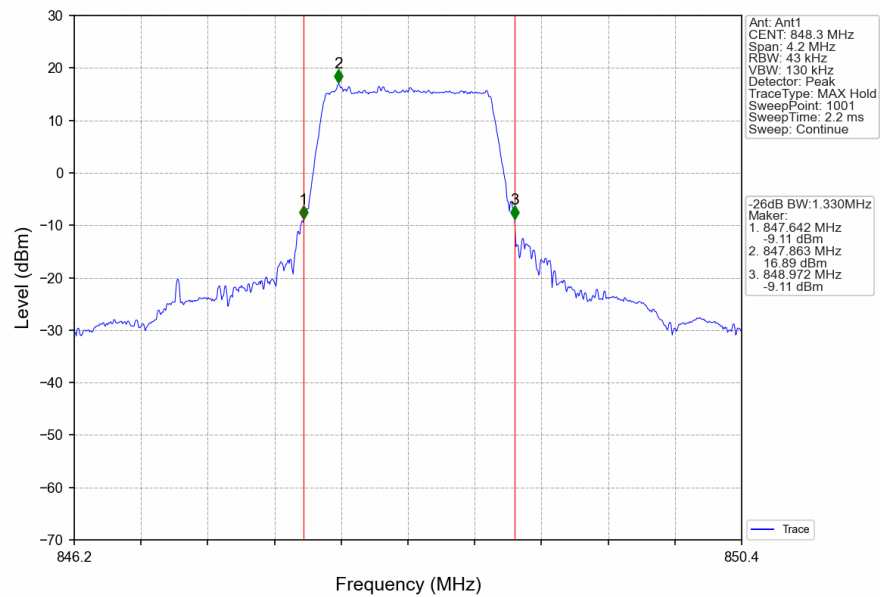
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



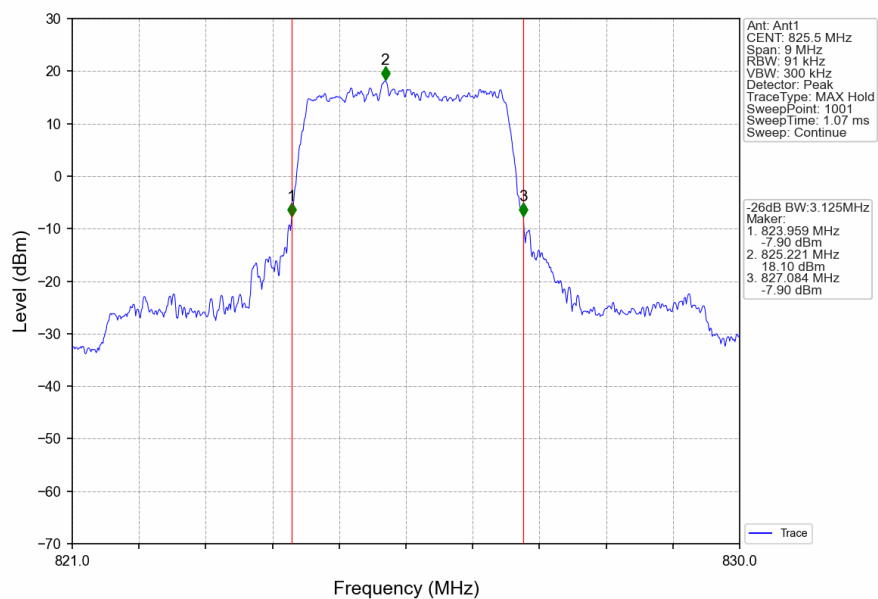
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



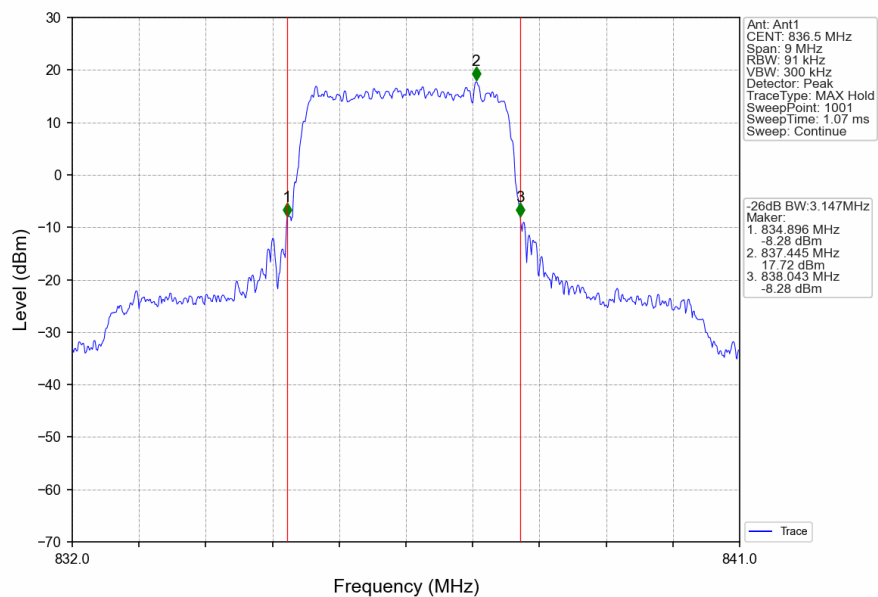
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



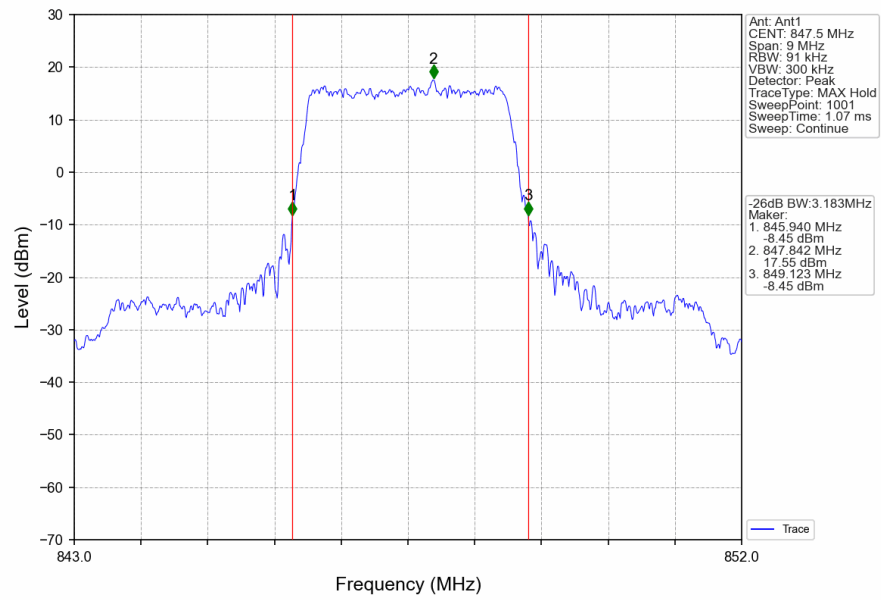
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



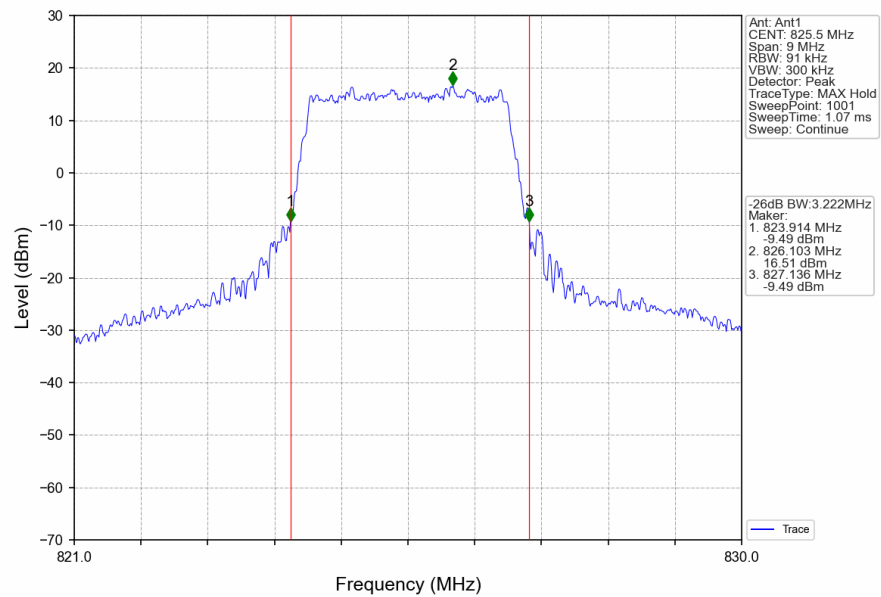
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



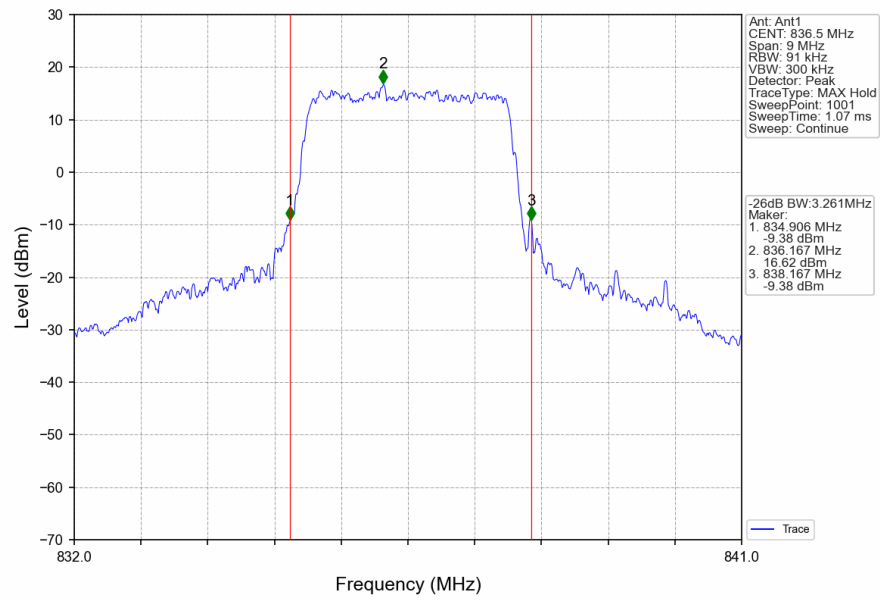
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



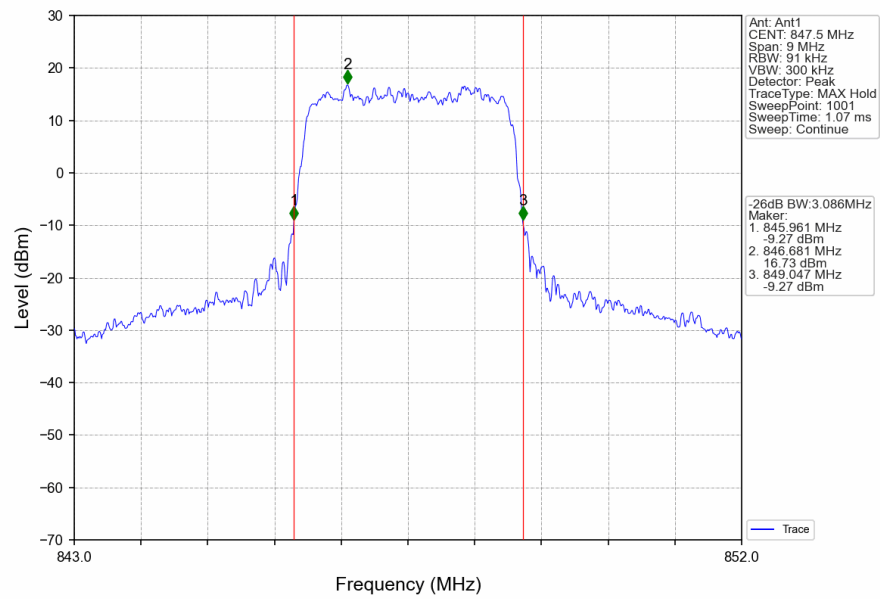
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



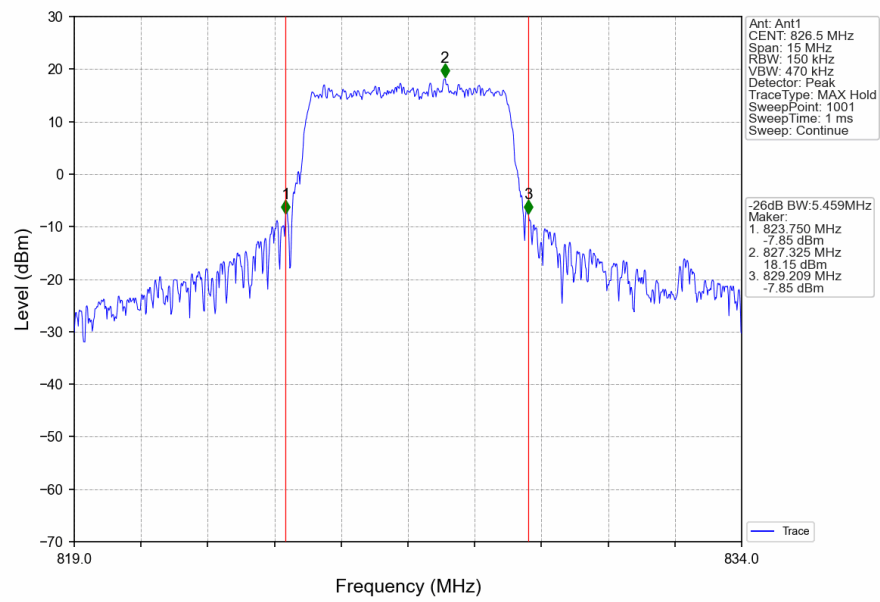
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



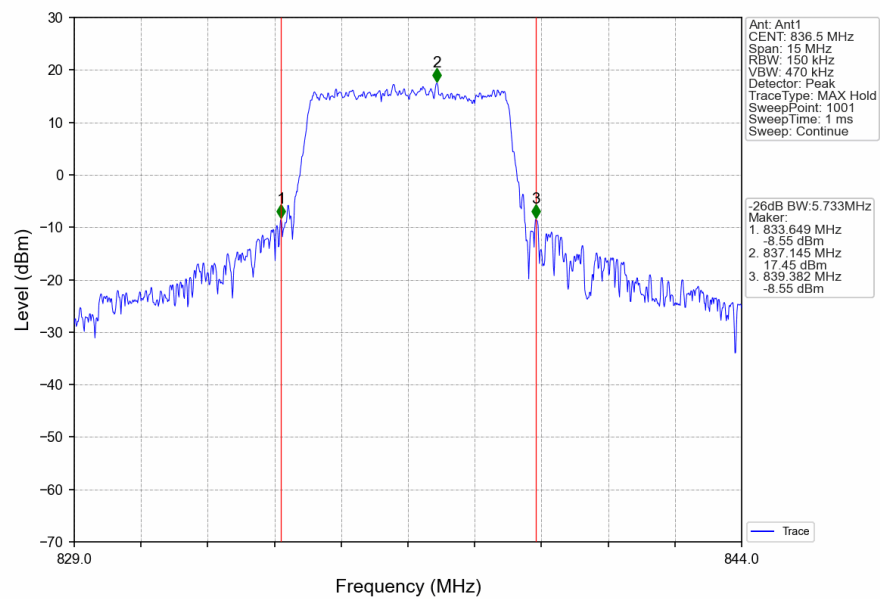
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



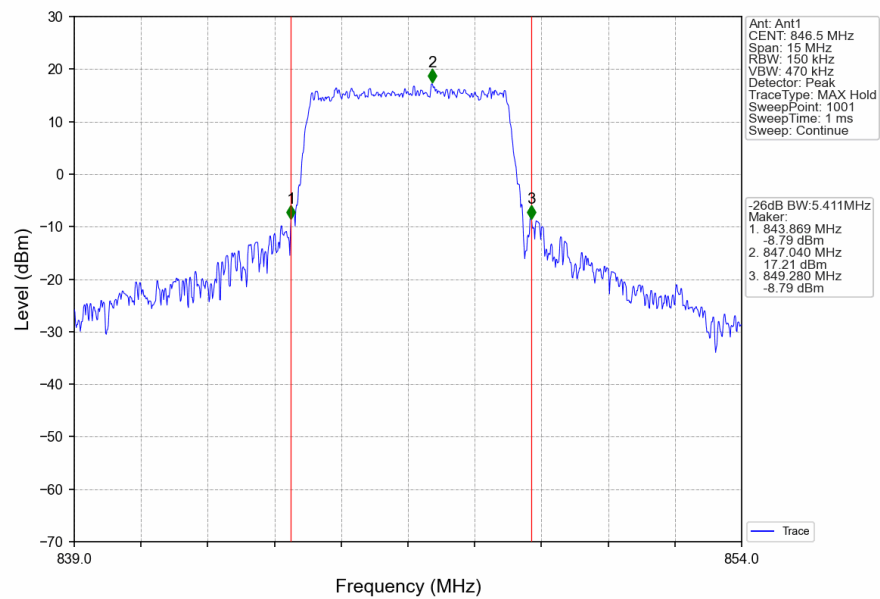
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



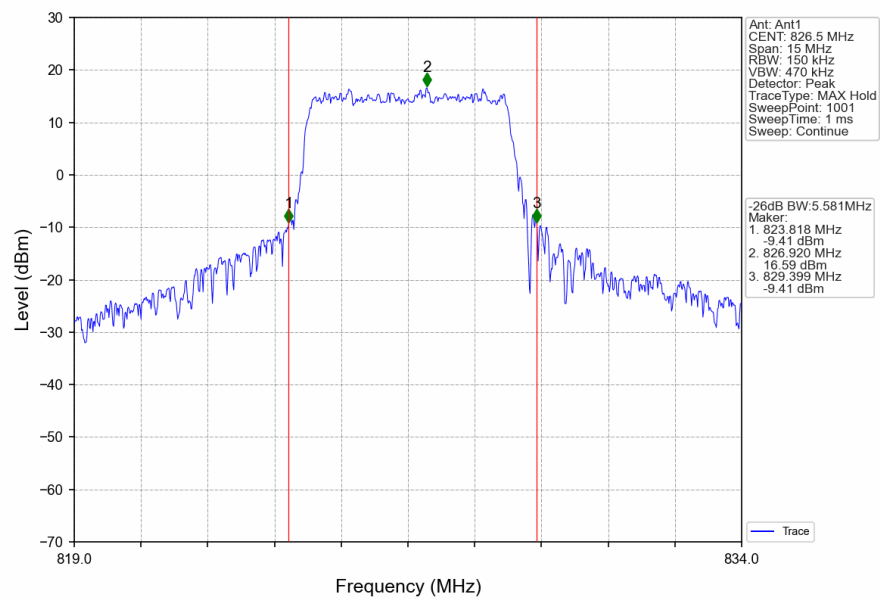
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



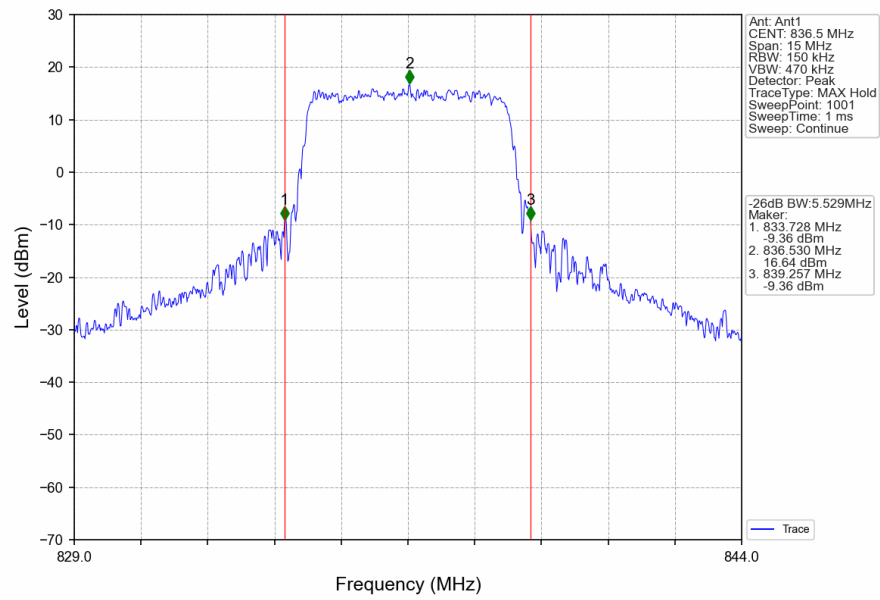
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



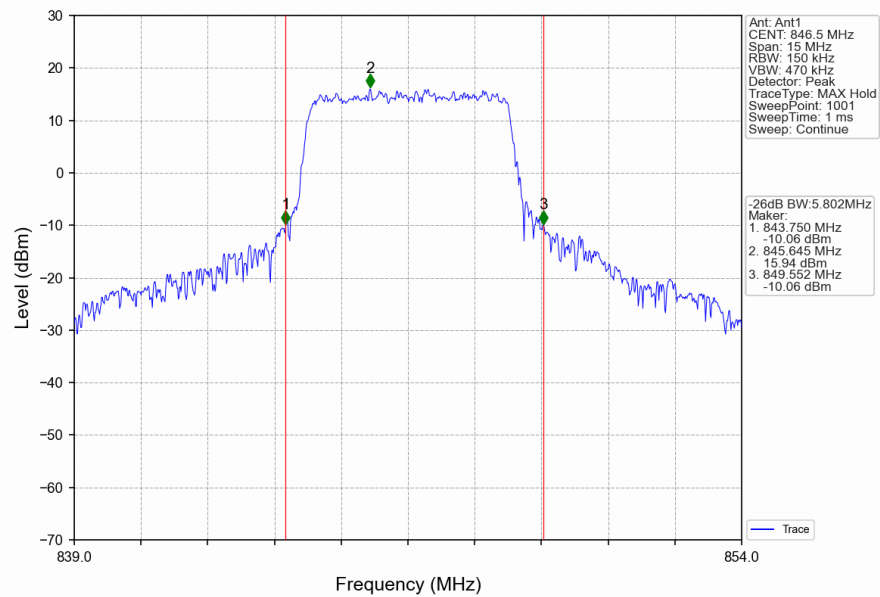
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



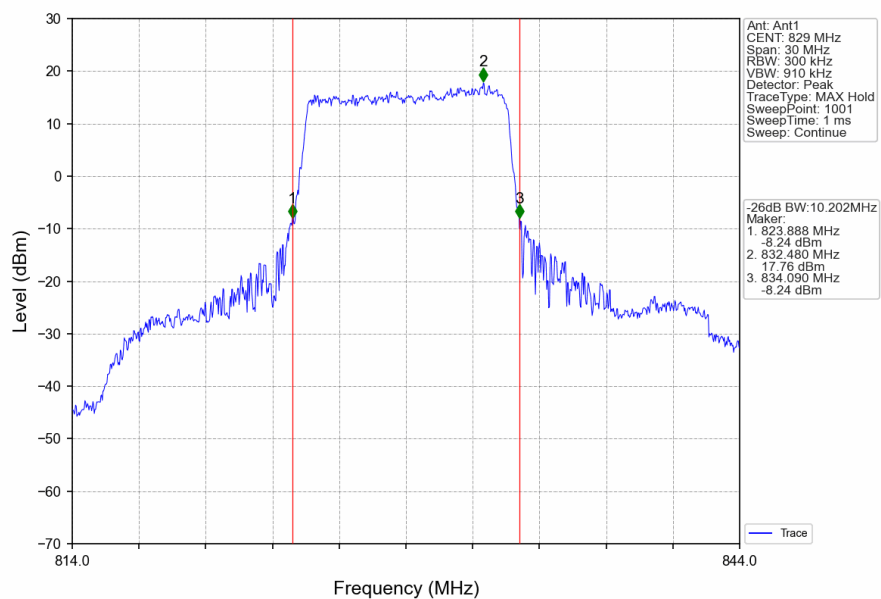
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



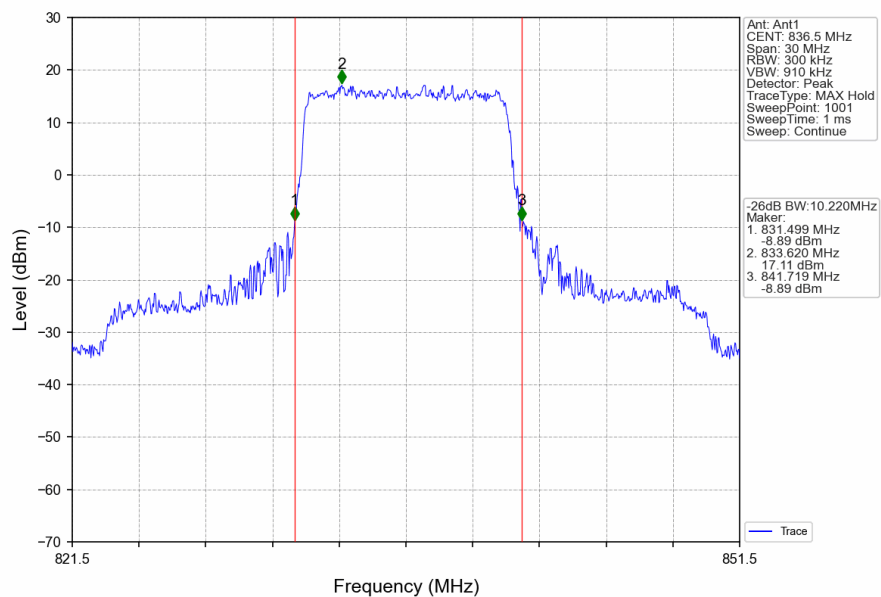
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



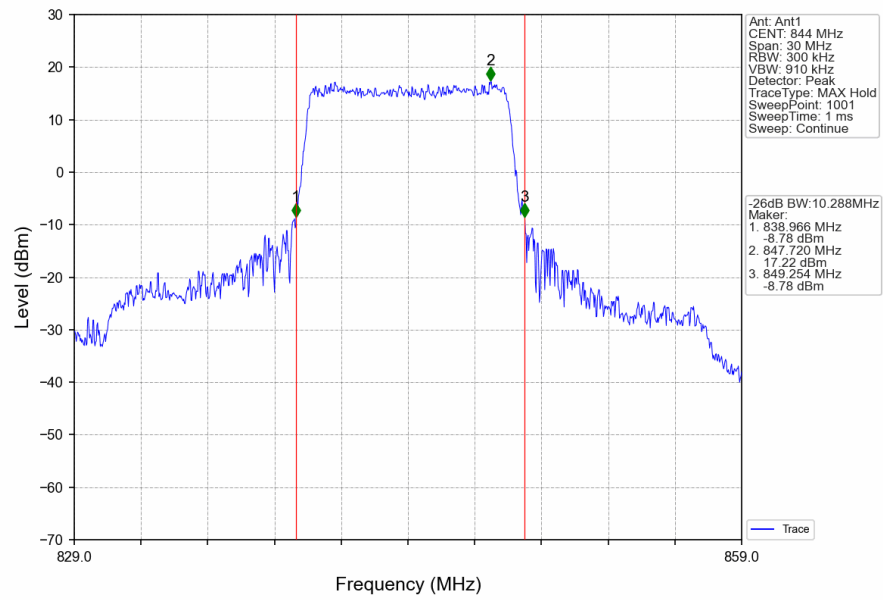
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



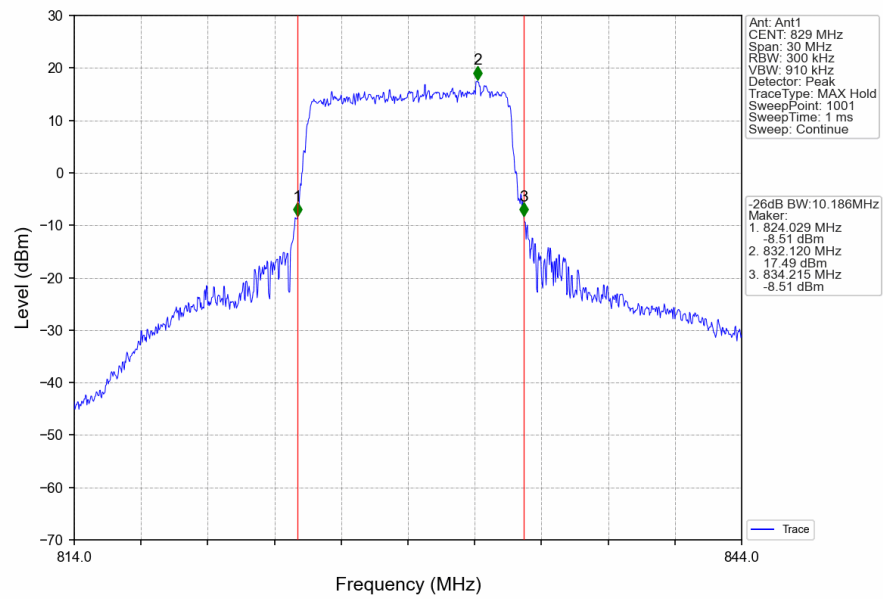
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



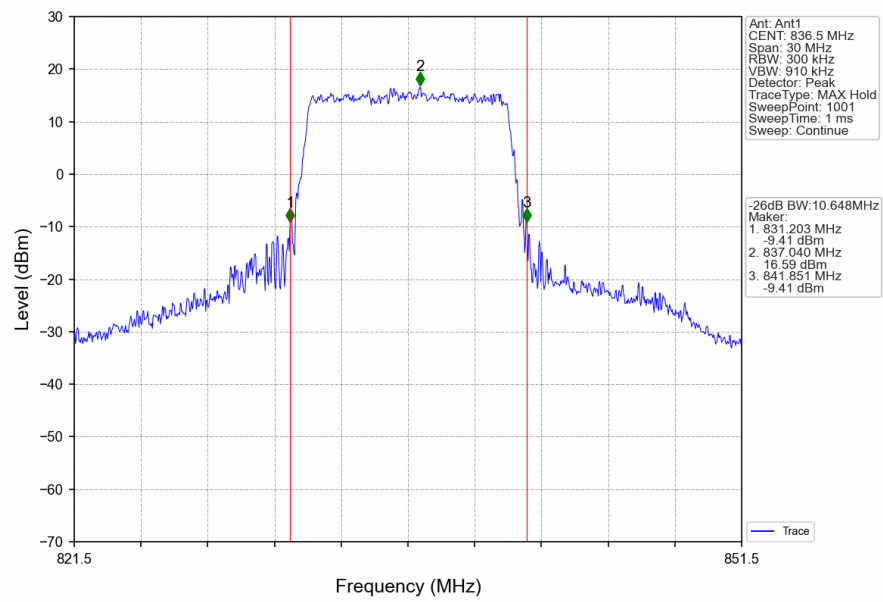
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



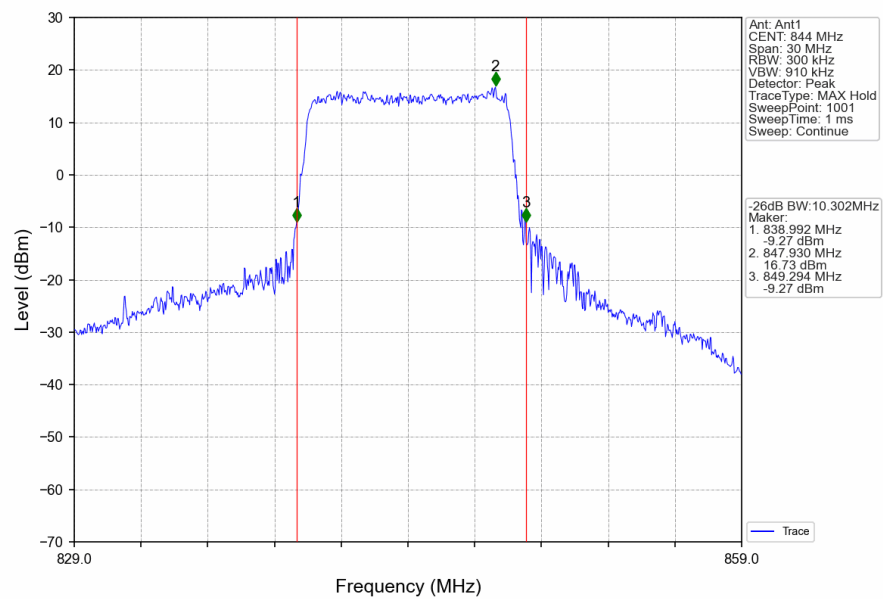
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



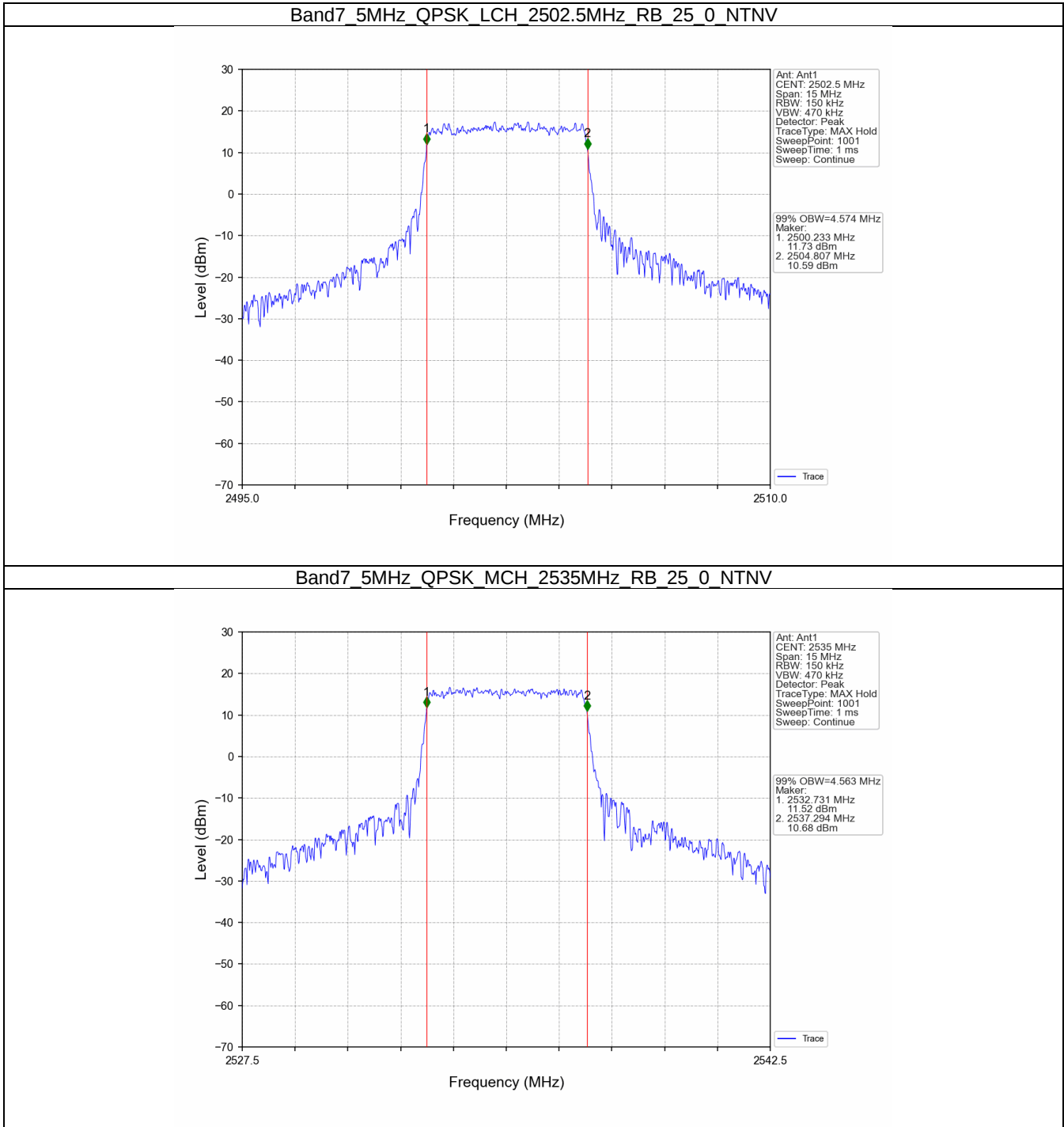
5. 99% & 26dB Bandwidth

5.1 Band7_OBW

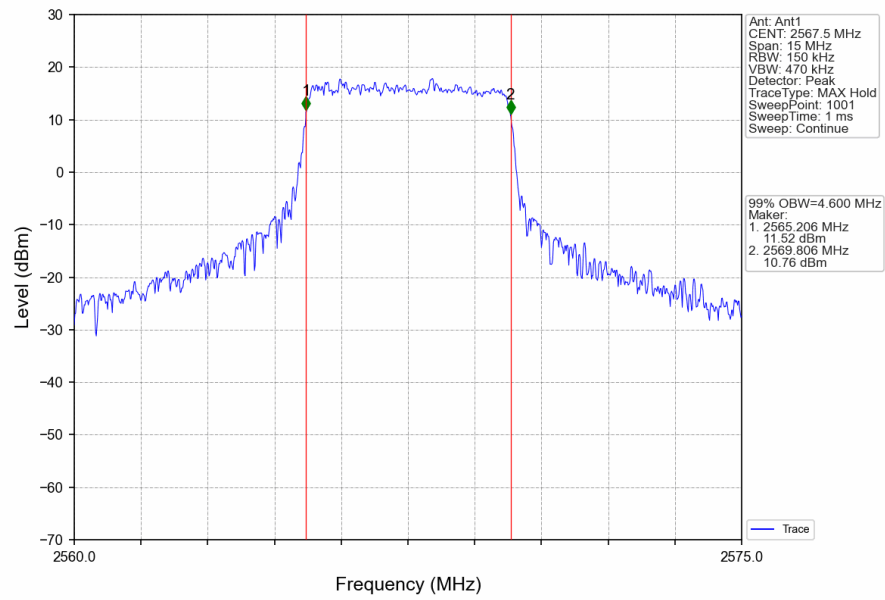
5.1.1 Test Result

Band: 7 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.574	Pass
		2535	25	0	4.563	Pass
		2567.5	25	0	4.600	Pass
	16QAM	2502.5	25	0	4.604	Pass
		2535	25	0	4.607	Pass
		2567.5	25	0	4.586	Pass
10	QPSK	2505	50	0	9.053	Pass
		2535	50	0	9.072	Pass
		2565	50	0	9.056	Pass
	16QAM	2505	50	0	9.079	Pass
		2535	50	0	9.115	Pass
		2565	50	0	9.077	Pass
15	QPSK	2507.5	75	0	13.619	Pass
		2535	75	0	13.647	Pass
		2562.5	75	0	13.588	Pass
	16QAM	2507.5	75	0	13.638	Pass
		2535	75	0	13.690	Pass
		2562.5	75	0	13.618	Pass
20	QPSK	2510	100	0	18.171	Pass
		2535	100	0	18.209	Pass
		2560	100	0	18.122	Pass
	16QAM	2510	100	0	18.163	Pass
		2535	100	0	18.209	Pass
		2560	100	0	18.126	Pass

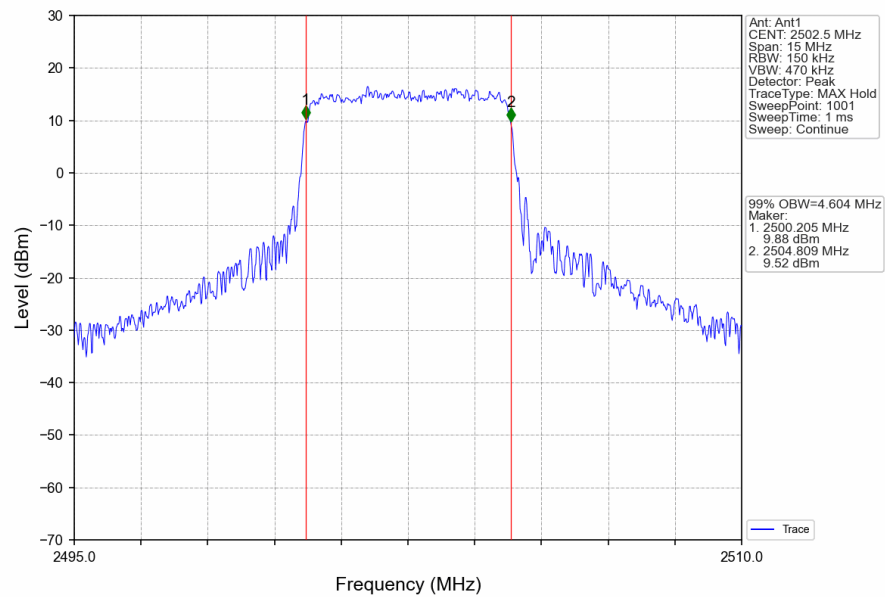
5.1.2 Test Graph



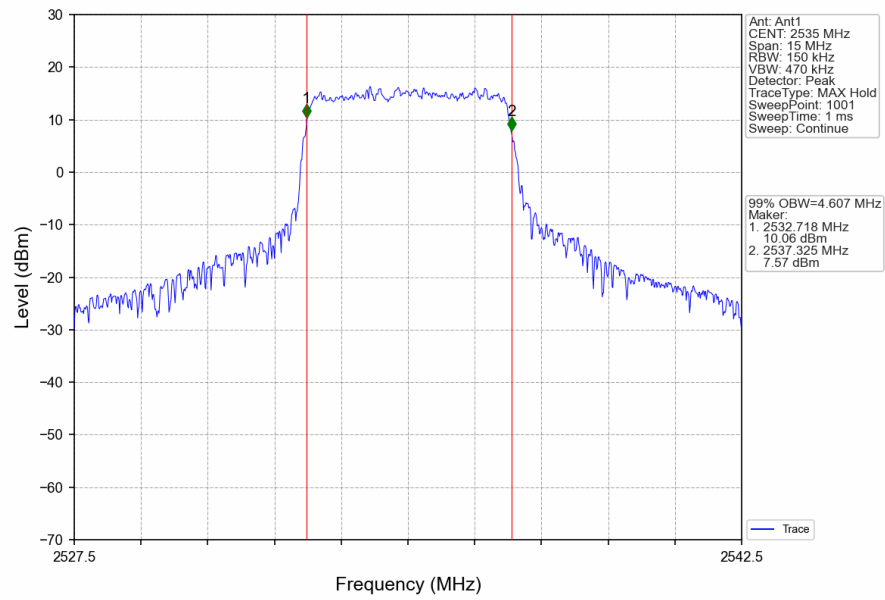
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



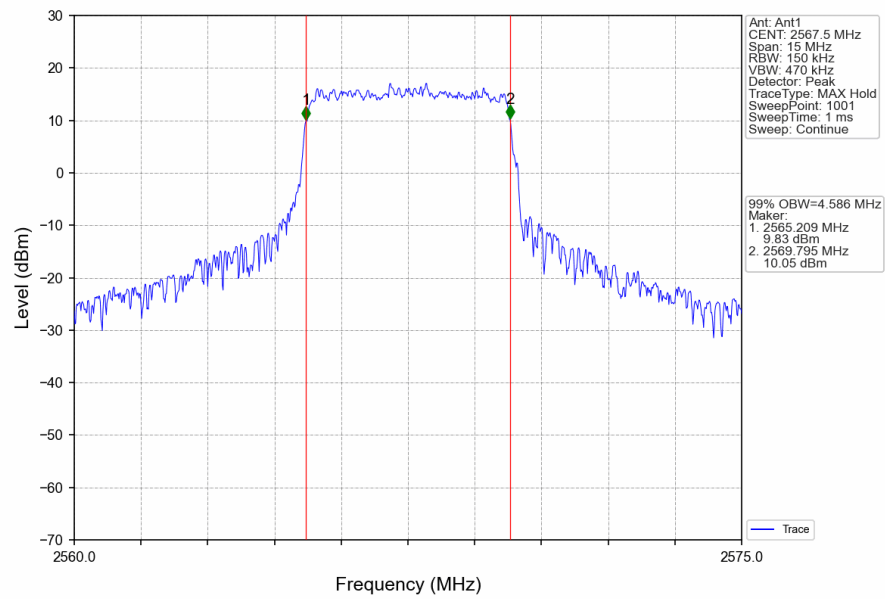
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



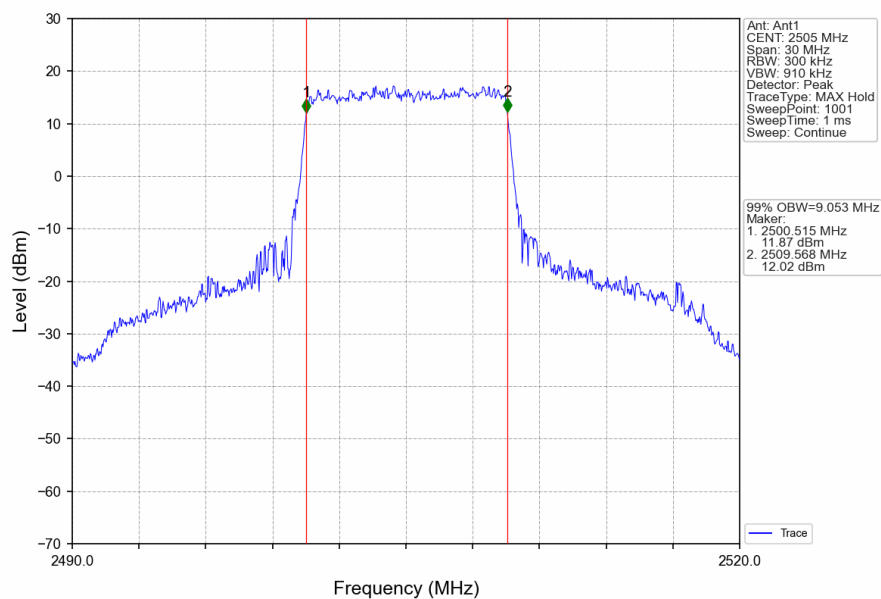
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



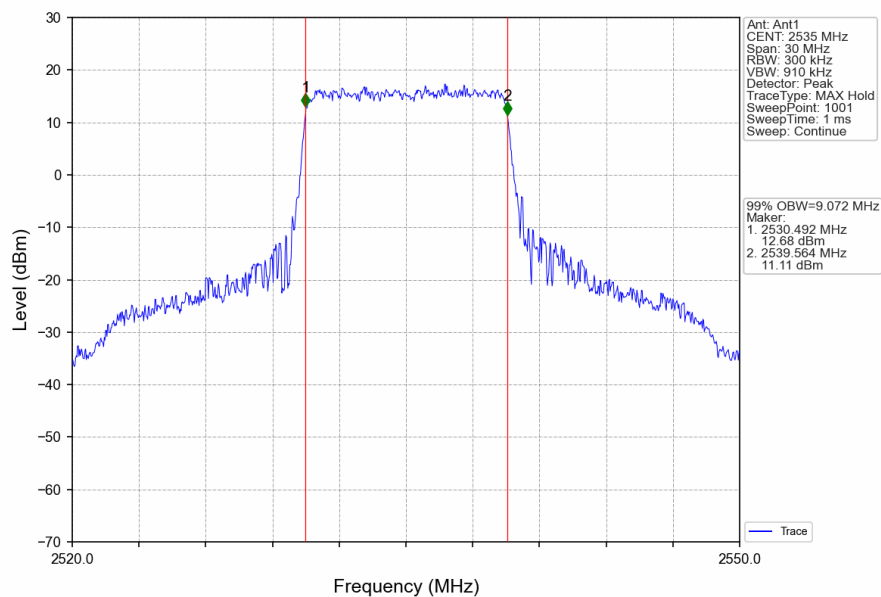
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



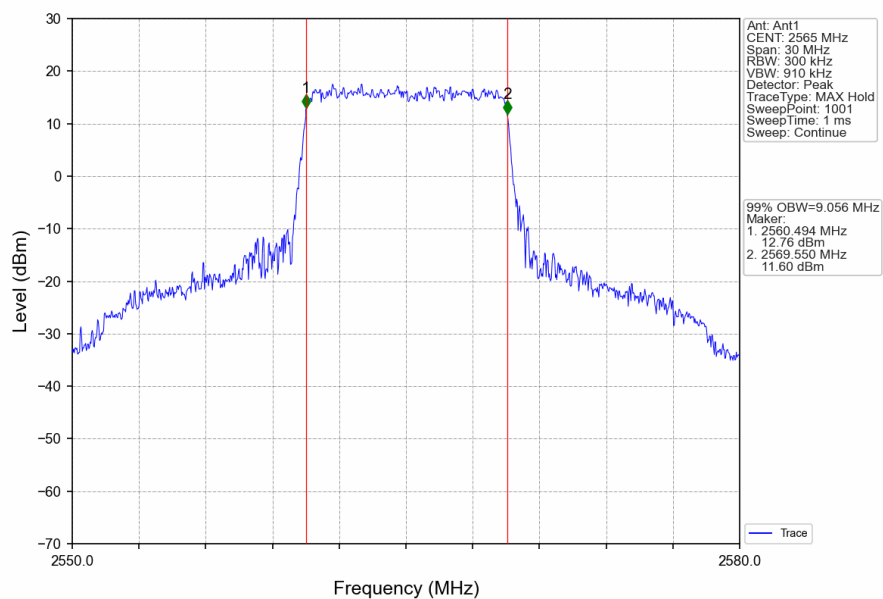
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



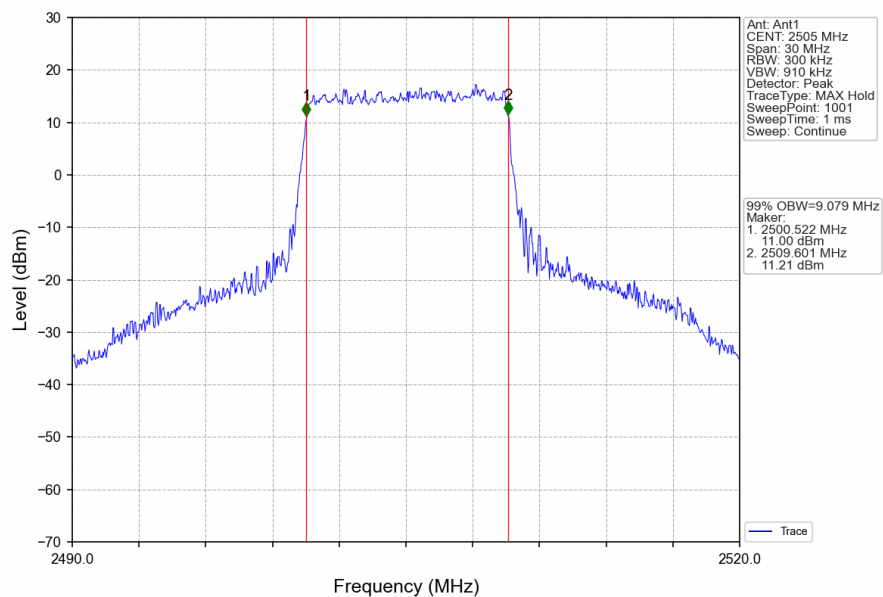
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



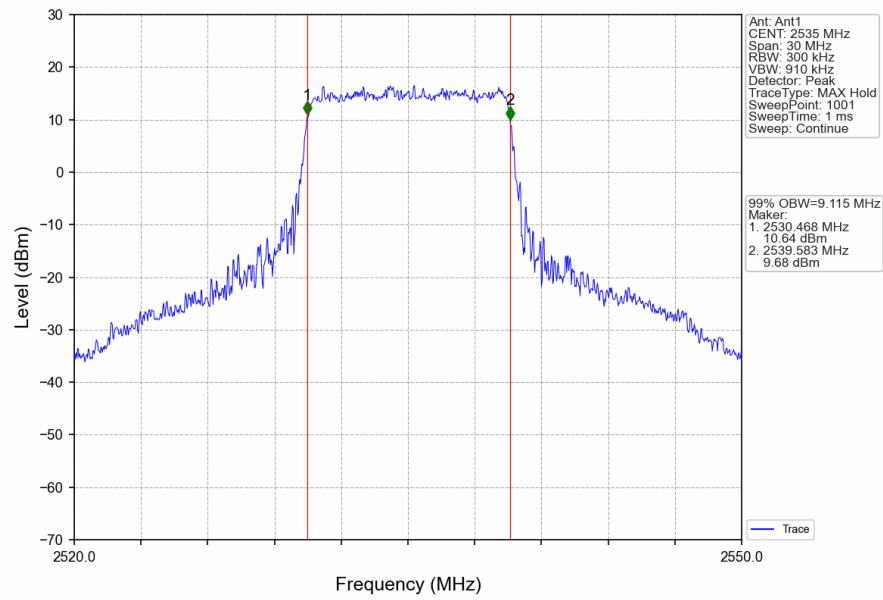
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



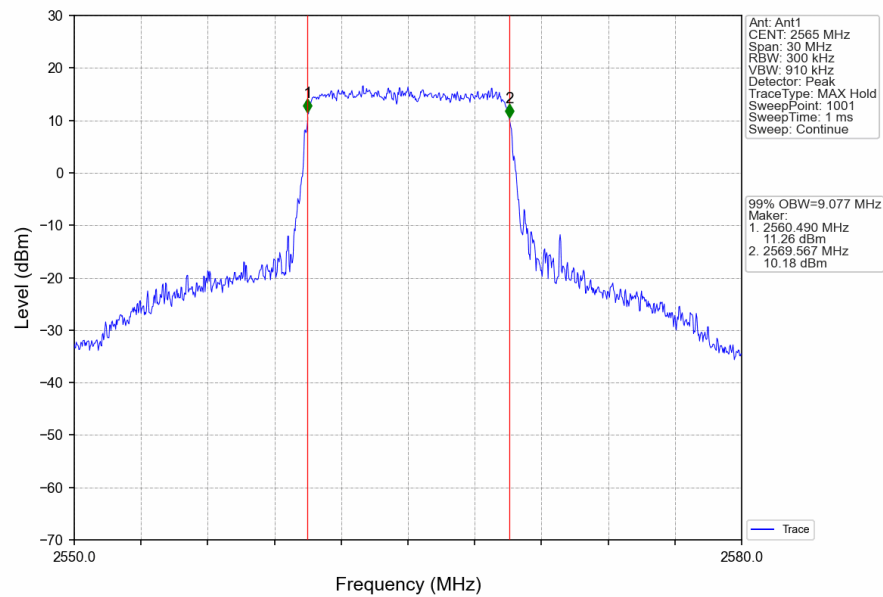
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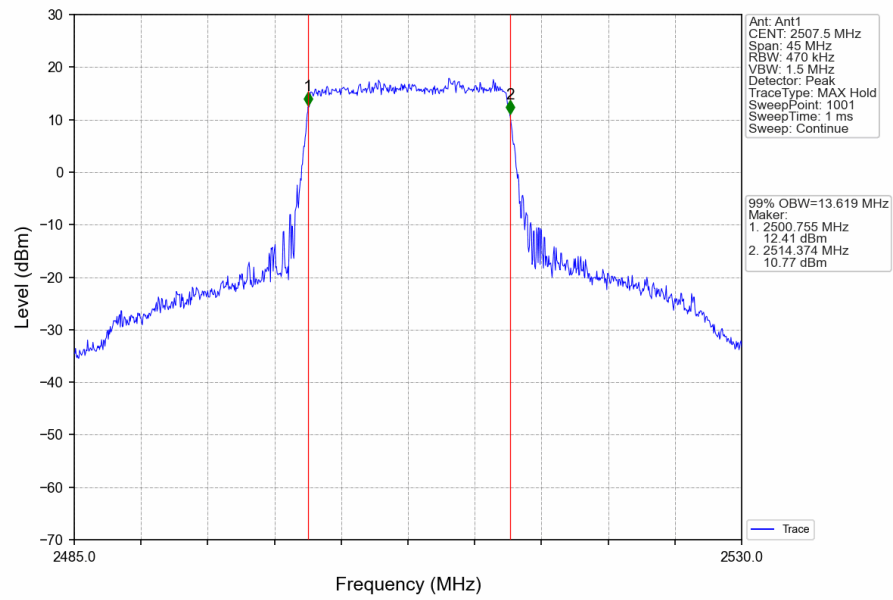
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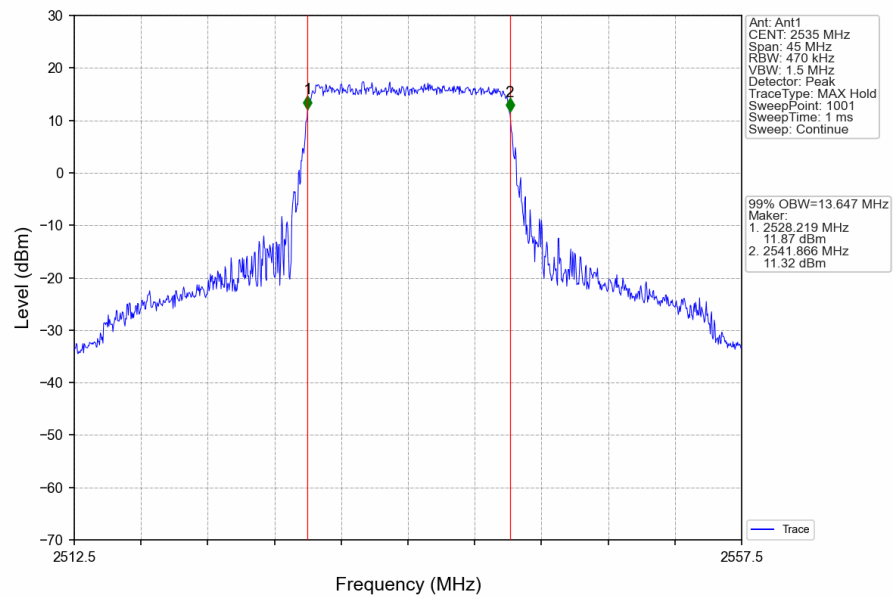
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



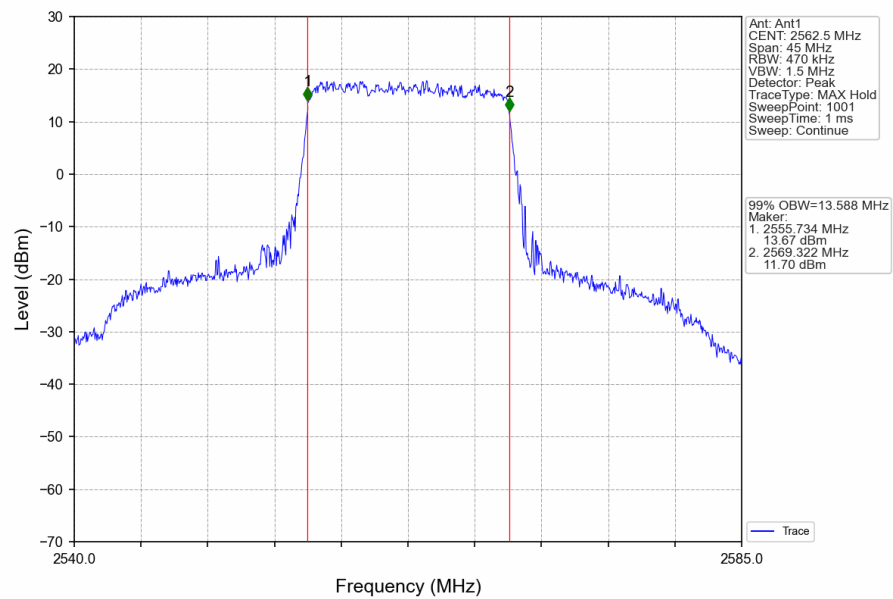
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



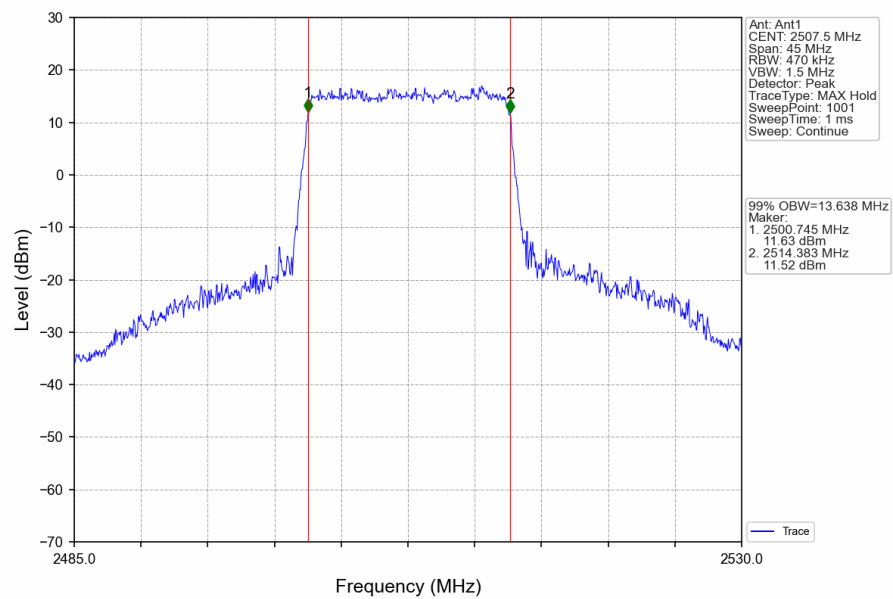
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



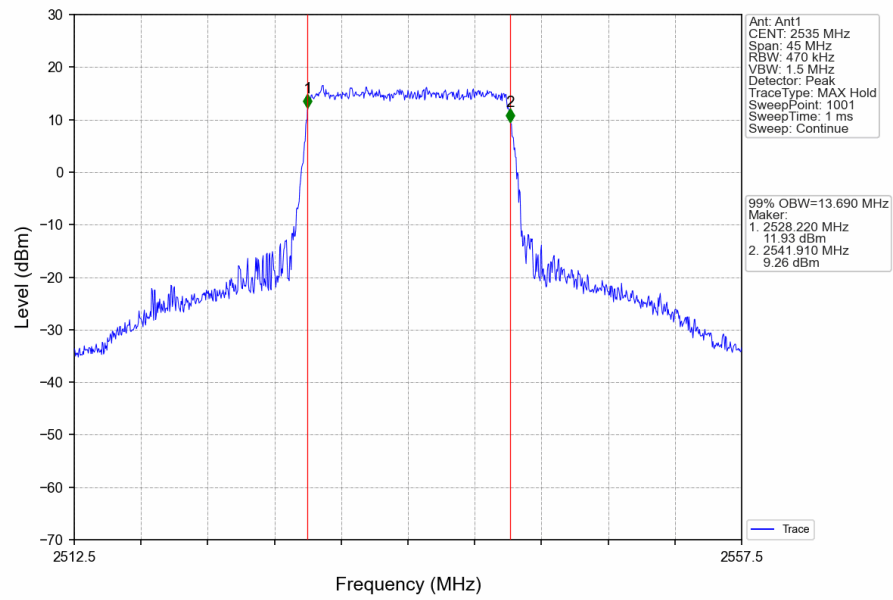
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTN



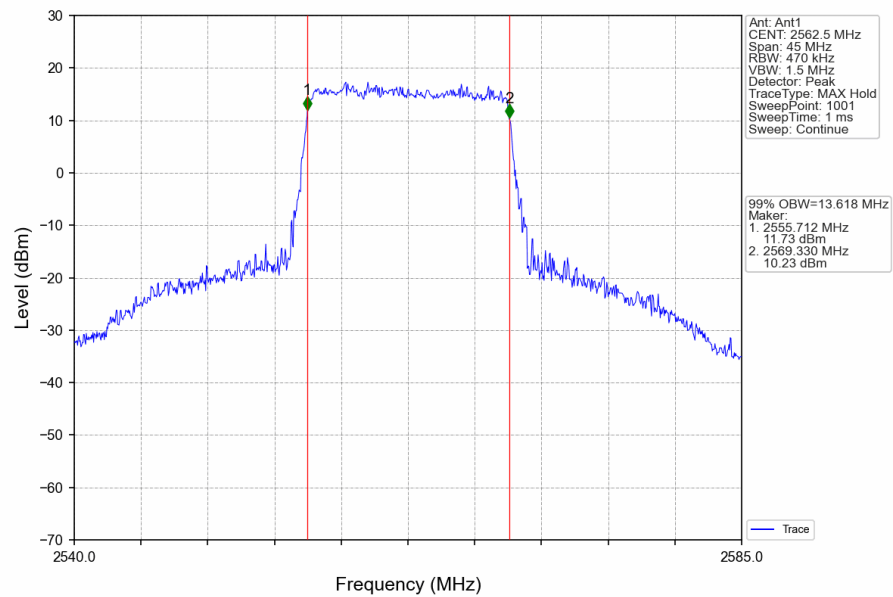
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTN



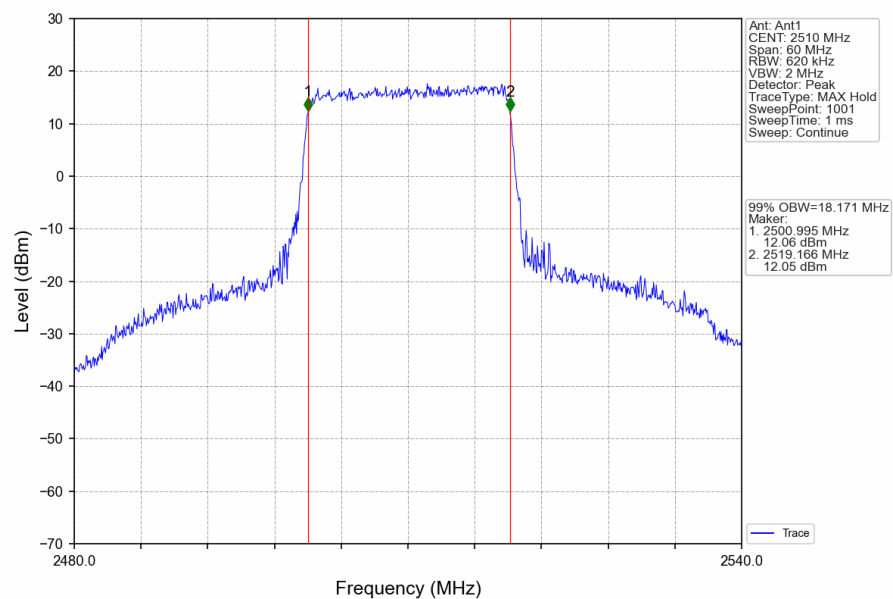
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



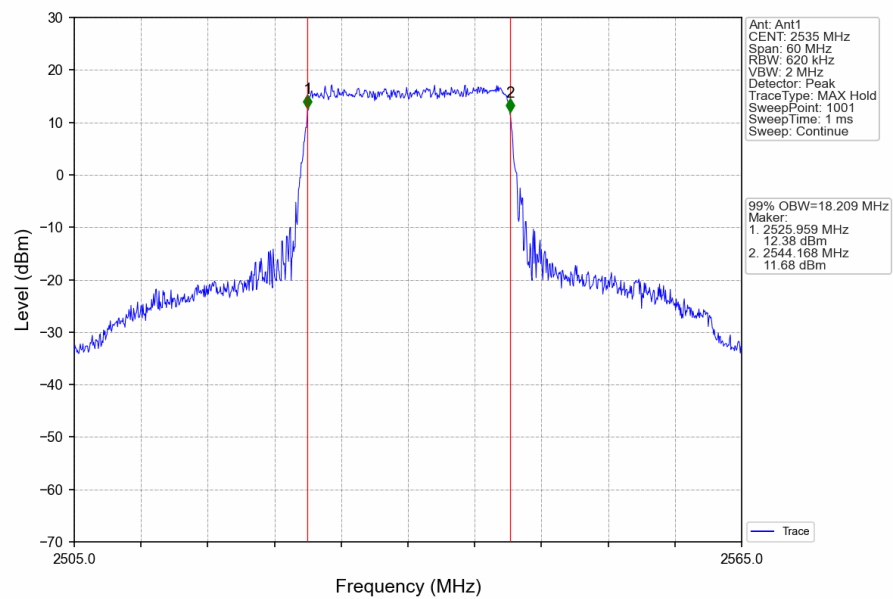
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



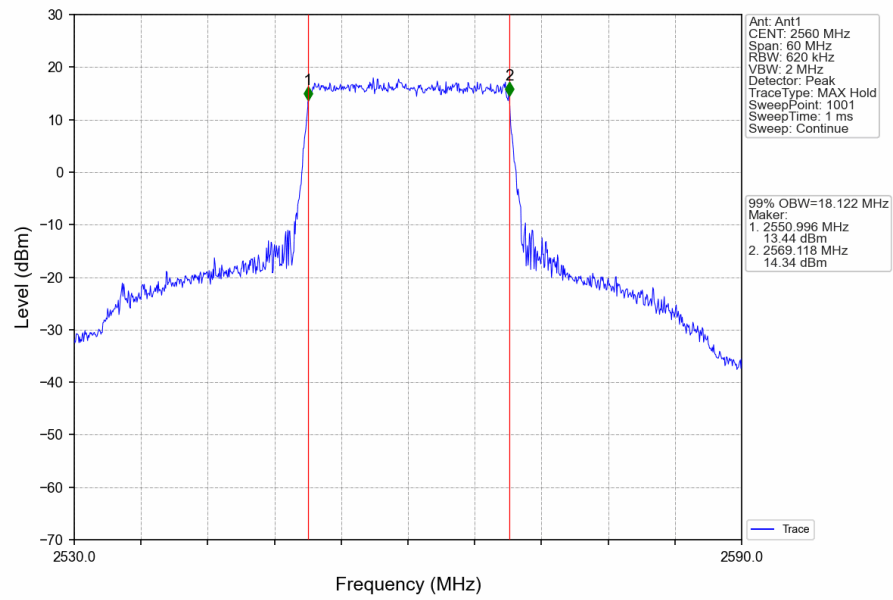
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



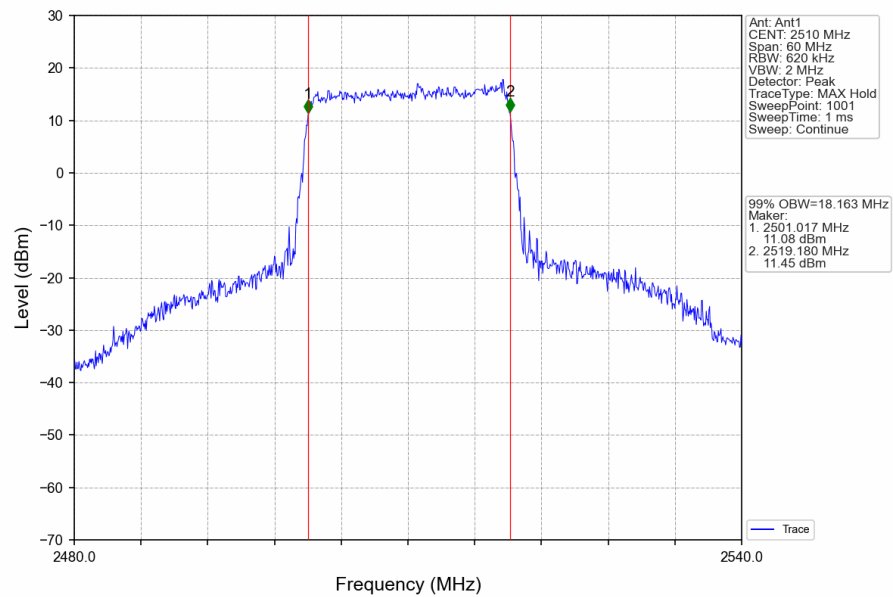
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



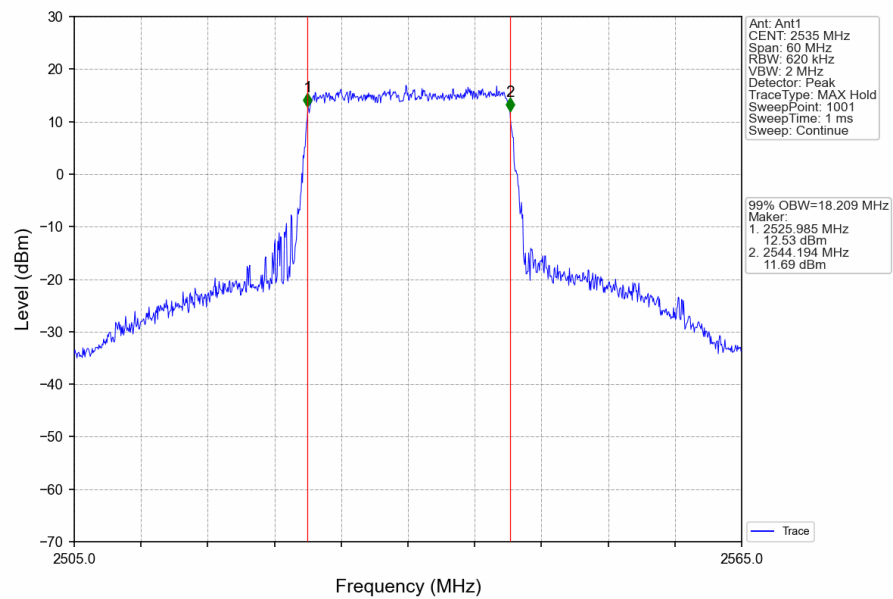
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



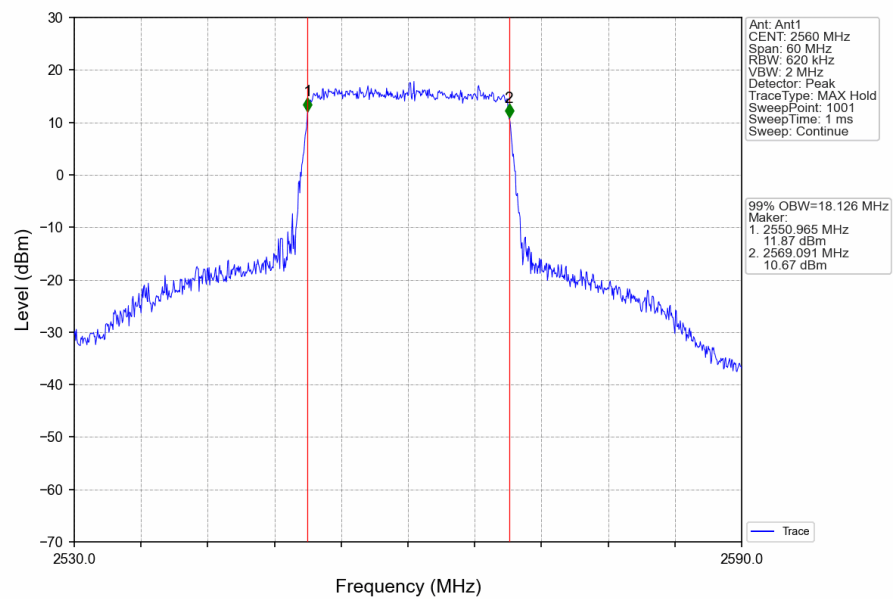
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

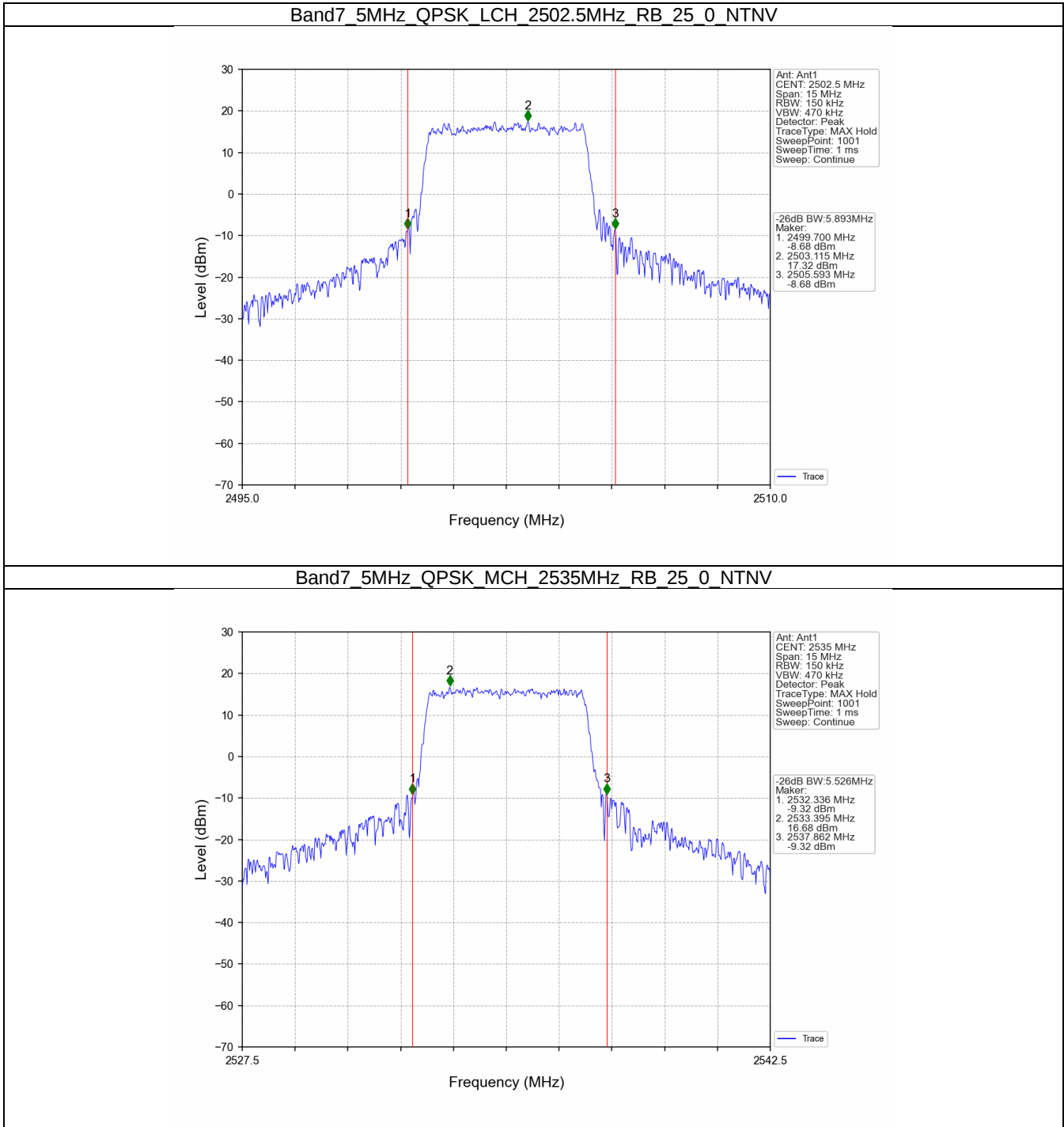


5.2 Band7_XDB

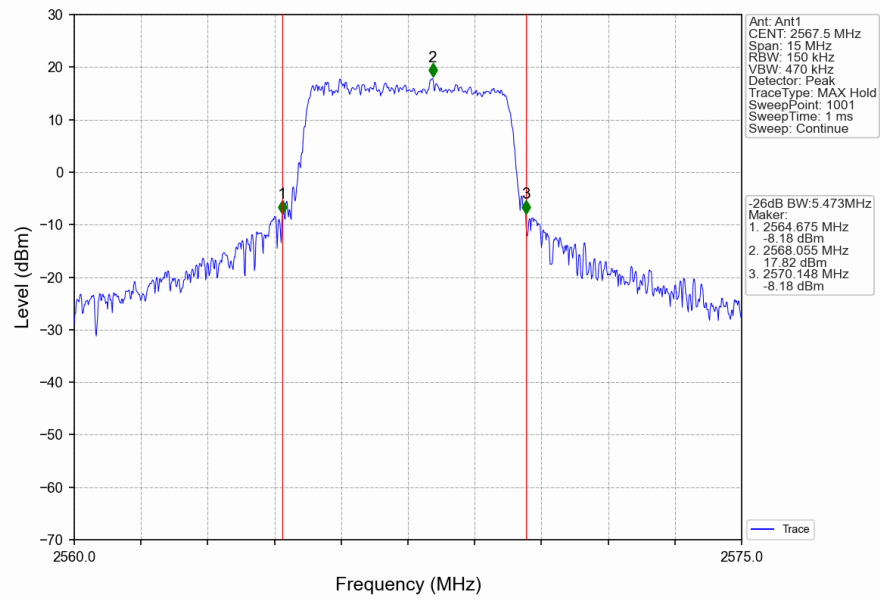
5.2.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.893	Pass
		2535	25	0	5.526	Pass
		2567.5	25	0	5.473	Pass
	16QAM	2502.5	25	0	5.339	Pass
		2535	25	0	5.531	Pass
		2567.5	25	0	5.591	Pass
10	QPSK	2505	50	0	10.305	Pass
		2535	50	0	10.388	Pass
		2565	50	0	10.336	Pass
	16QAM	2505	50	0	10.373	Pass
		2535	50	0	10.890	Pass
		2565	50	0	10.329	Pass
15	QPSK	2507.5	75	0	15.991	Pass
		2535	75	0	16.776	Pass
		2562.5	75	0	15.780	Pass
	16QAM	2507.5	75	0	15.050	Pass
		2535	75	0	15.152	Pass
		2562.5	75	0	15.546	Pass
20	QPSK	2510	100	0	20.239	Pass
		2535	100	0	20.481	Pass
		2560	100	0	20.213	Pass
	16QAM	2510	100	0	20.074	Pass
		2535	100	0	20.858	Pass
		2560	100	0	20.480	Pass

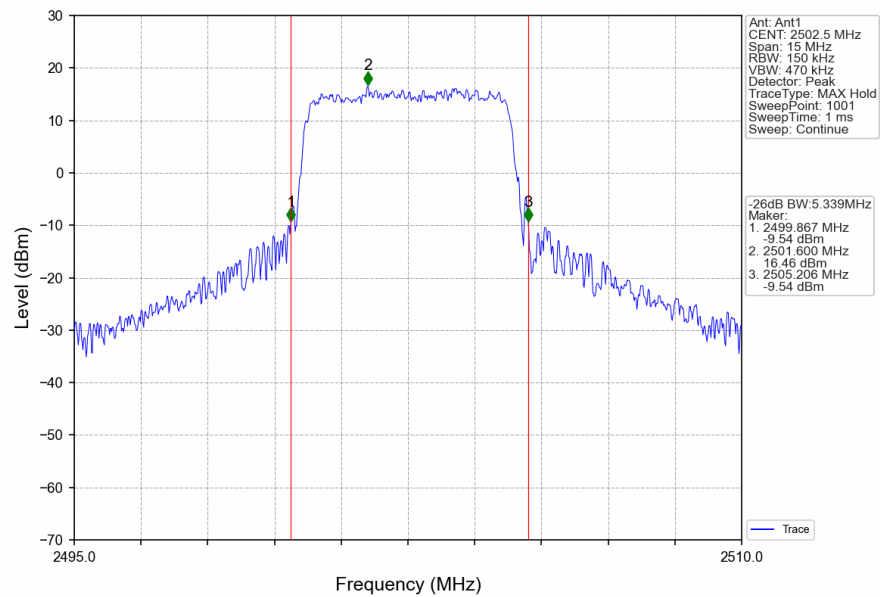
5.2.2 Test Graph



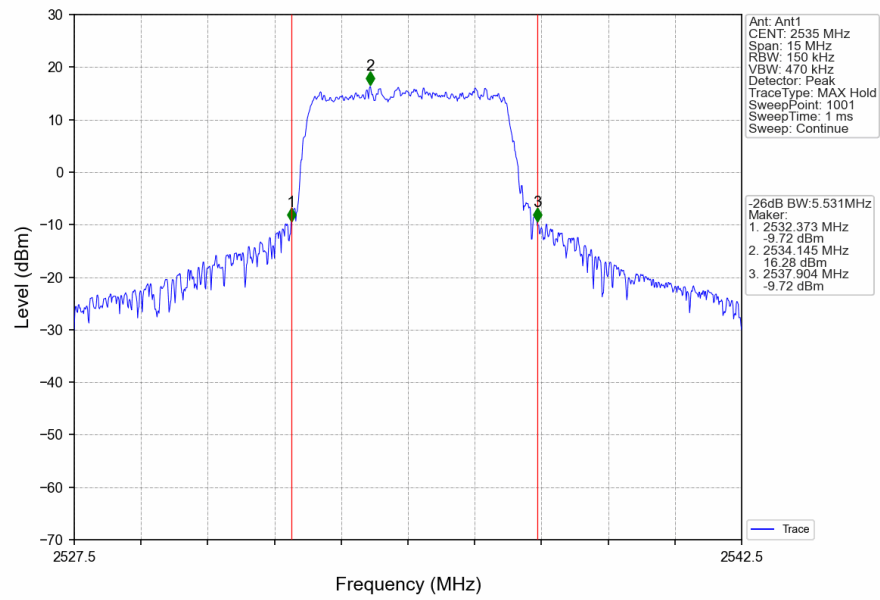
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



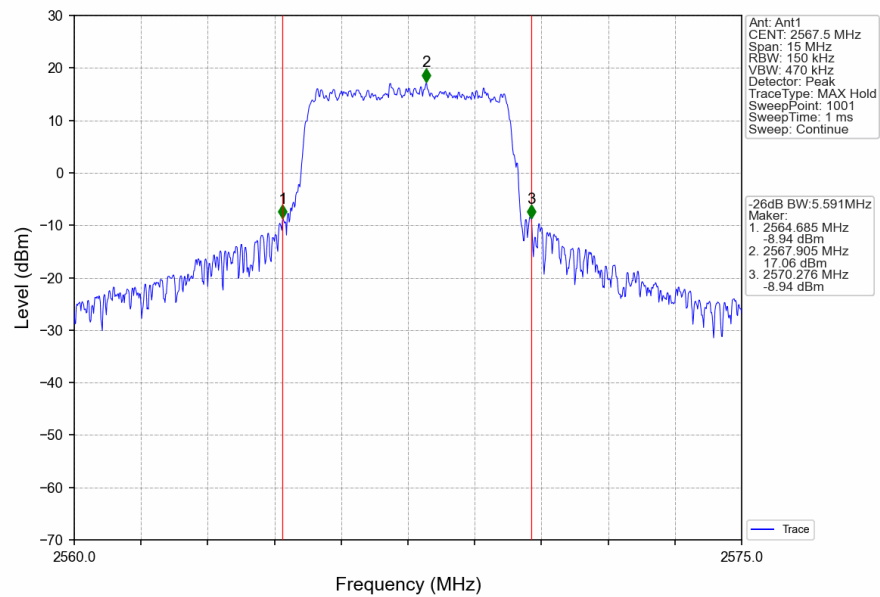
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



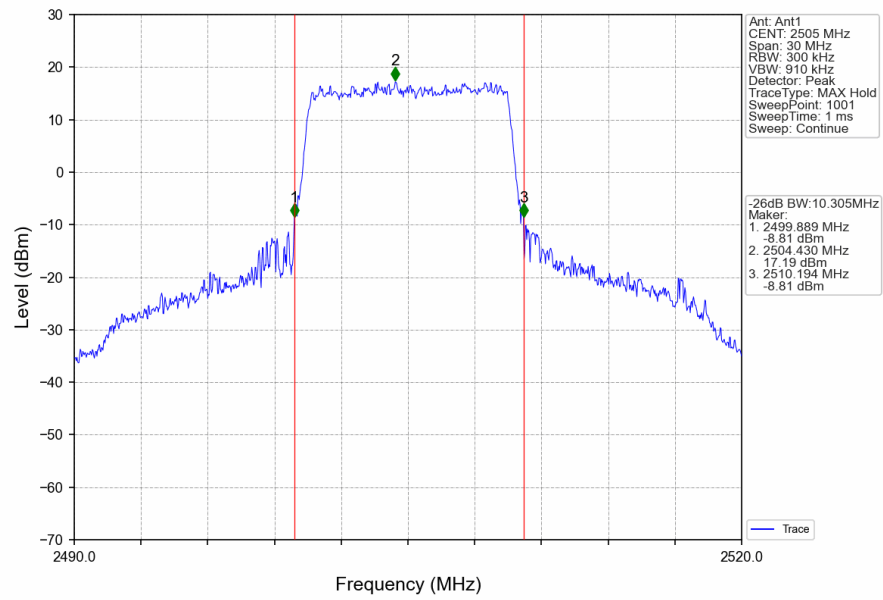
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



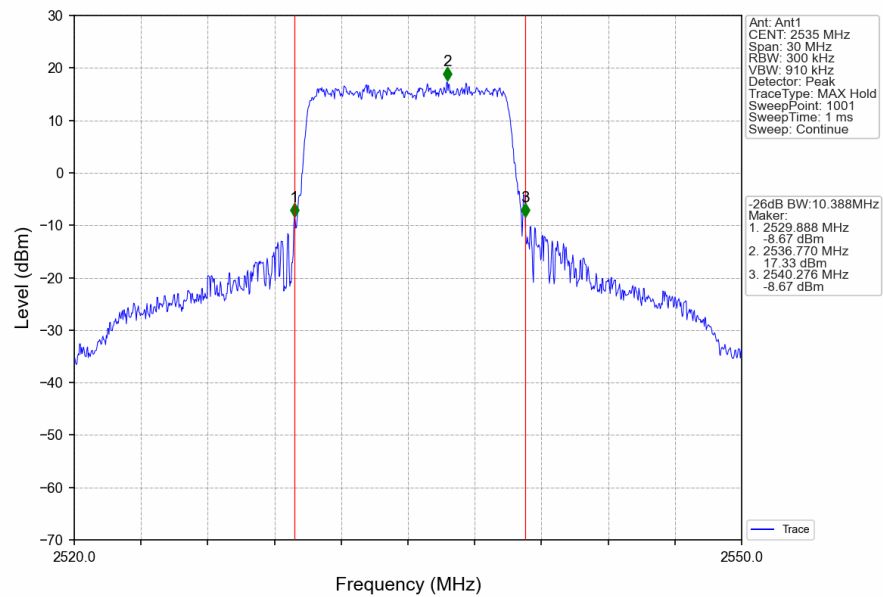
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



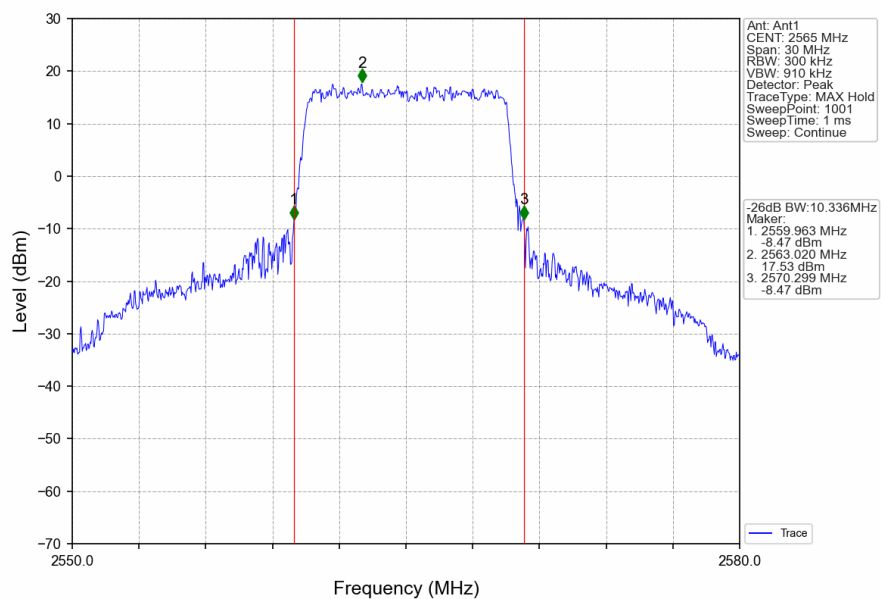
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV

