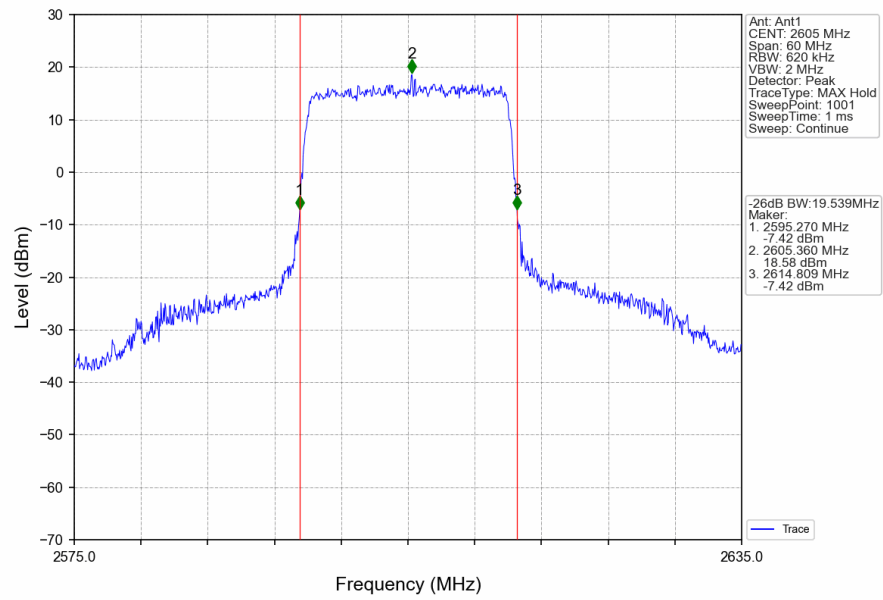
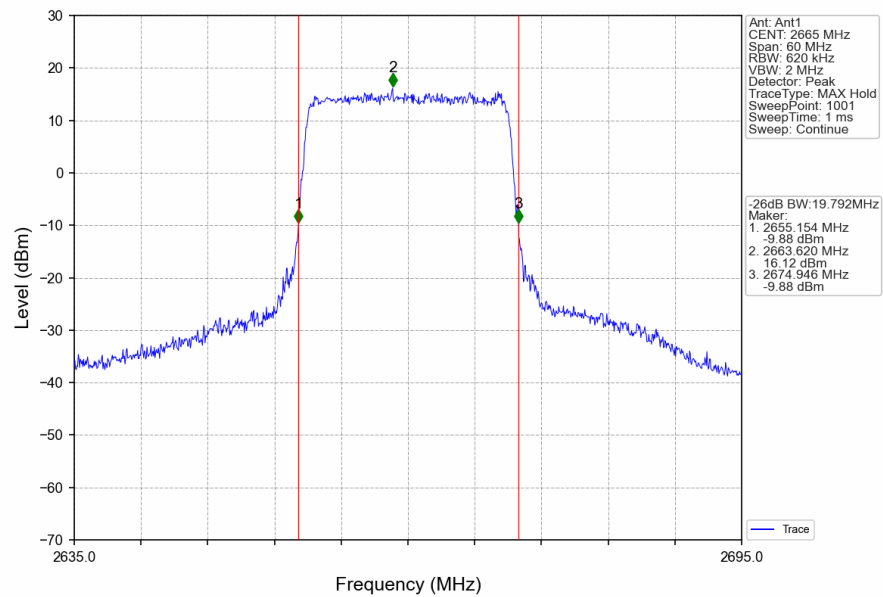


Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2665MHz_RB_100_0_NTNV



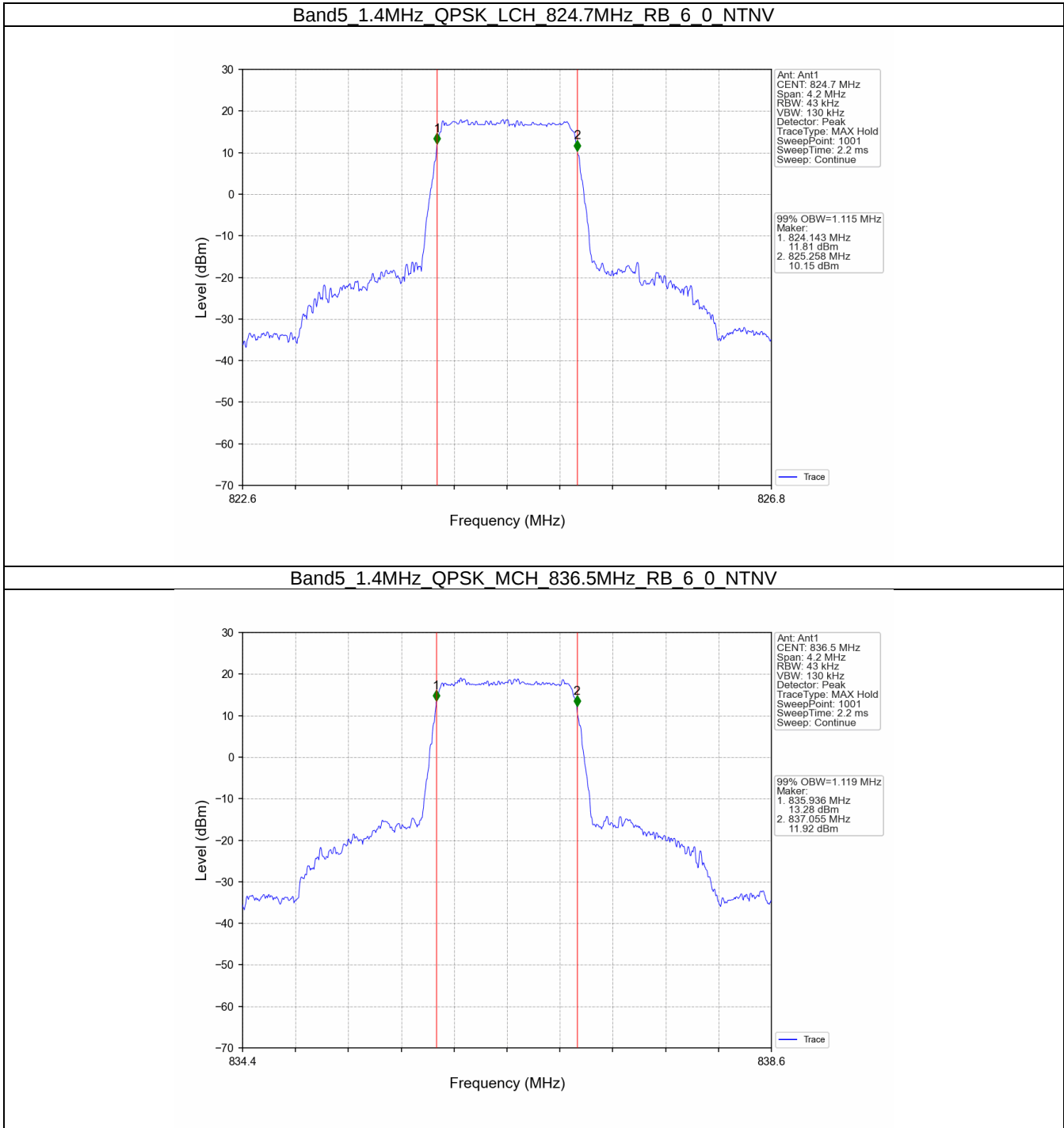
3. 99% & 26dB Bandwidth

3.1 Band5_OBW

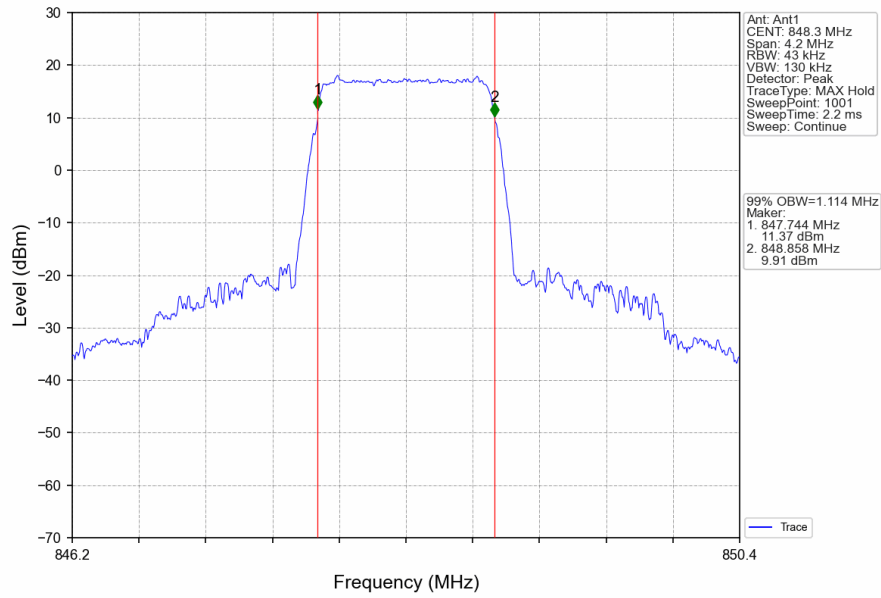
3.1.1 Test Result

Band: 5 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.115	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.114	/	Pass
	16QAM	824.7	6	0	1.118	/	Pass
		836.5	6	0	1.121	/	Pass
		848.3	6	0	1.131	/	Pass
3	QPSK	825.5	15	0	2.743	/	Pass
		836.5	15	0	2.735	/	Pass
		847.5	15	0	2.730	/	Pass
	16QAM	825.5	15	0	2.740	/	Pass
		836.5	15	0	2.728	/	Pass
		847.5	15	0	2.738	/	Pass
5	QPSK	826.5	25	0	4.558	/	Pass
		836.5	25	0	4.521	/	Pass
		846.5	25	0	4.543	/	Pass
	16QAM	826.5	25	0	4.538	/	Pass
		836.5	25	0	4.554	/	Pass
		846.5	25	0	4.525	/	Pass
10	QPSK	829	50	0	9.030	/	Pass
		836.5	50	0	9.024	/	Pass
		844	50	0	9.044	/	Pass
	16QAM	829	50	0	9.030	/	Pass
		836.5	50	0	9.018	/	Pass
		844	50	0	9.021	/	Pass

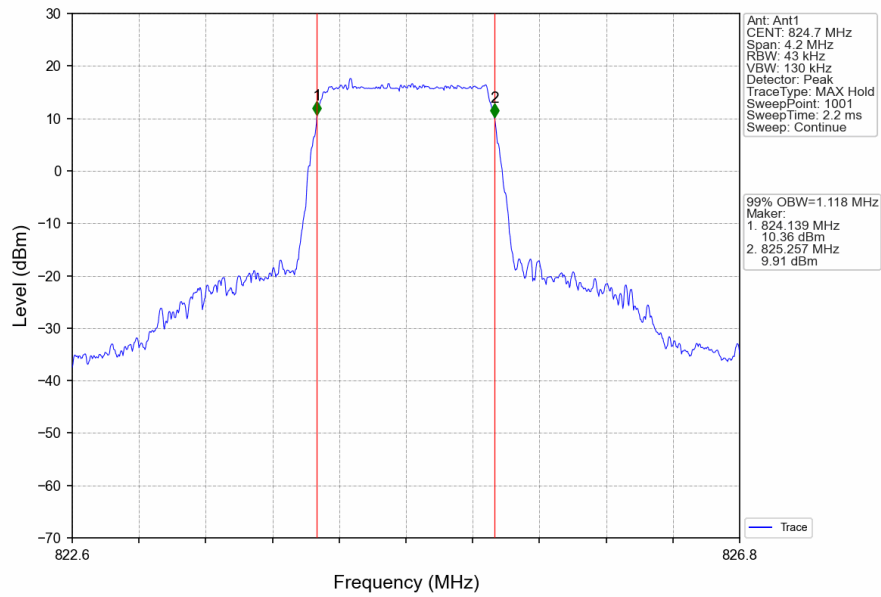
3.1.2 Test Graph



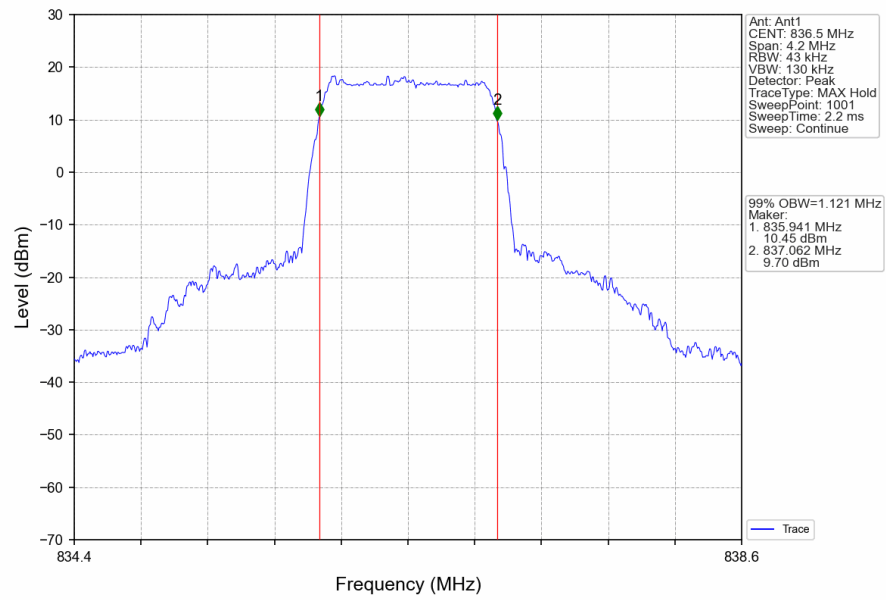
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



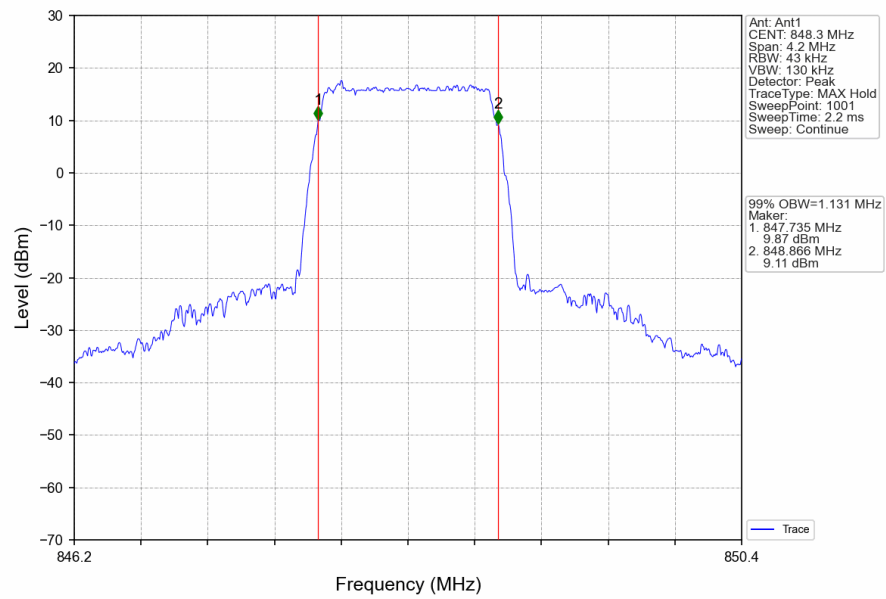
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



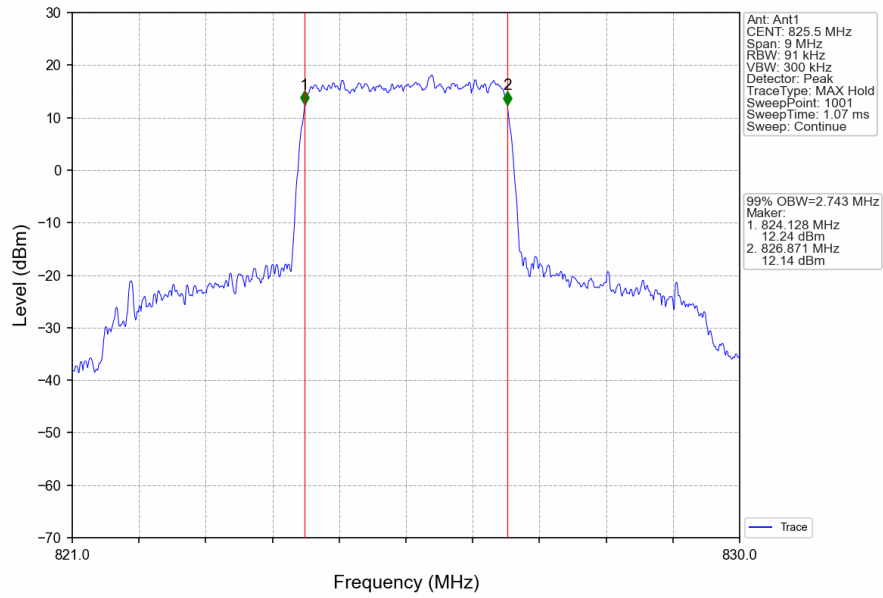
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



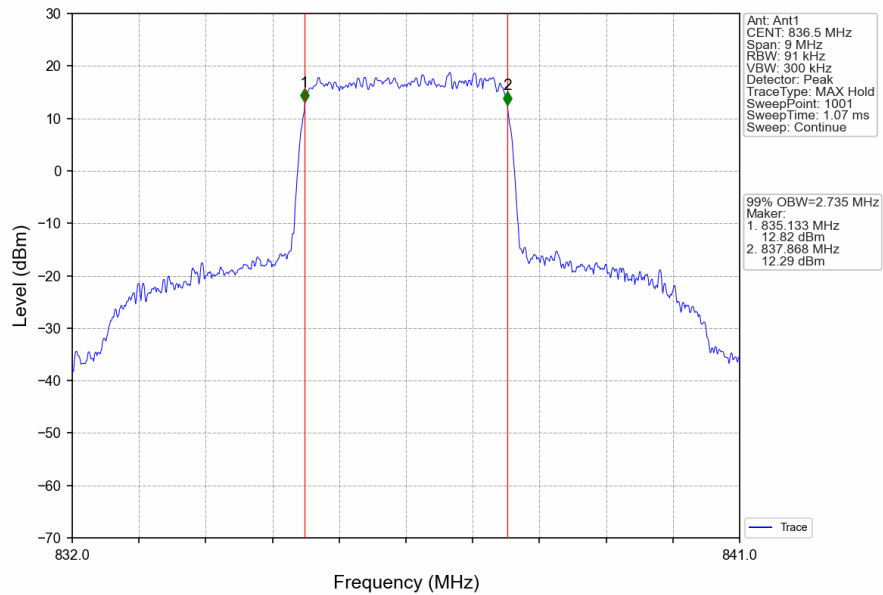
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



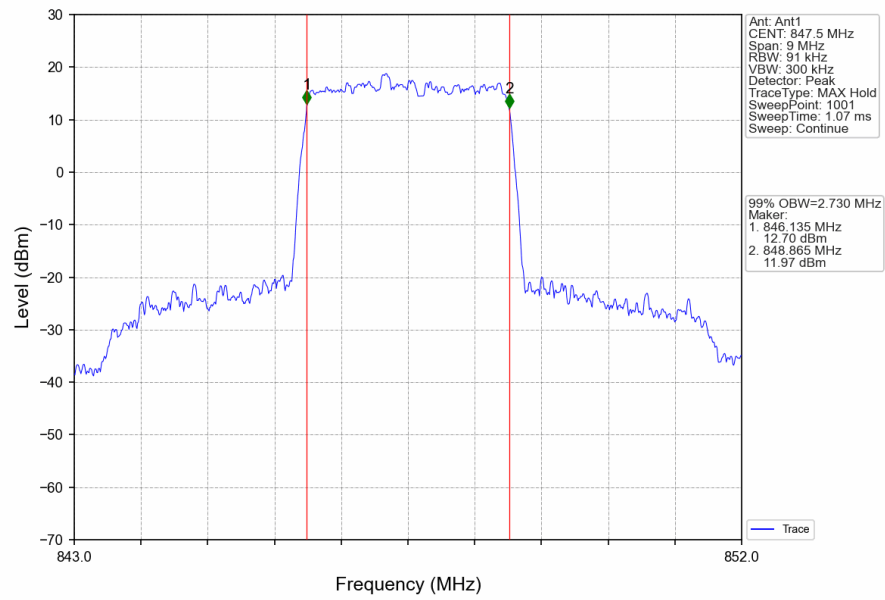
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



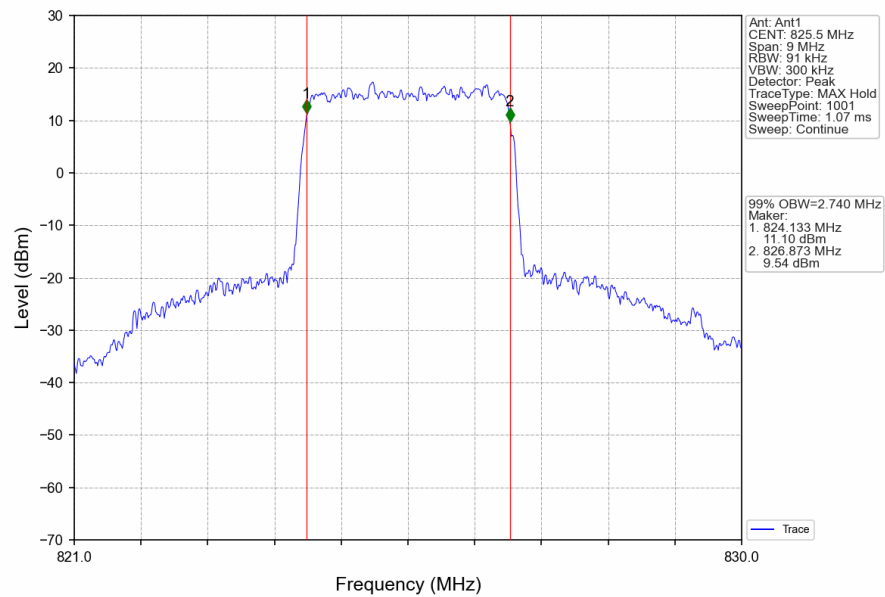
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



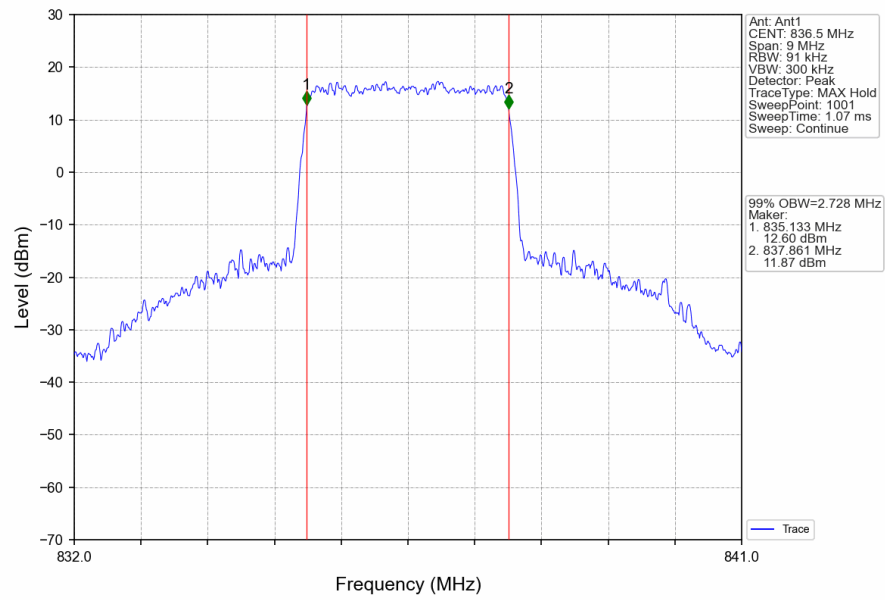
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



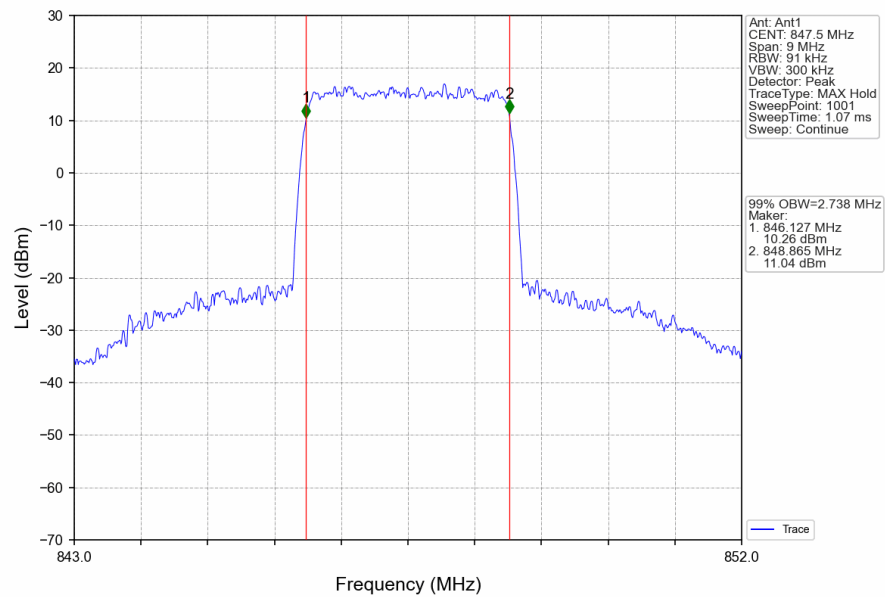
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



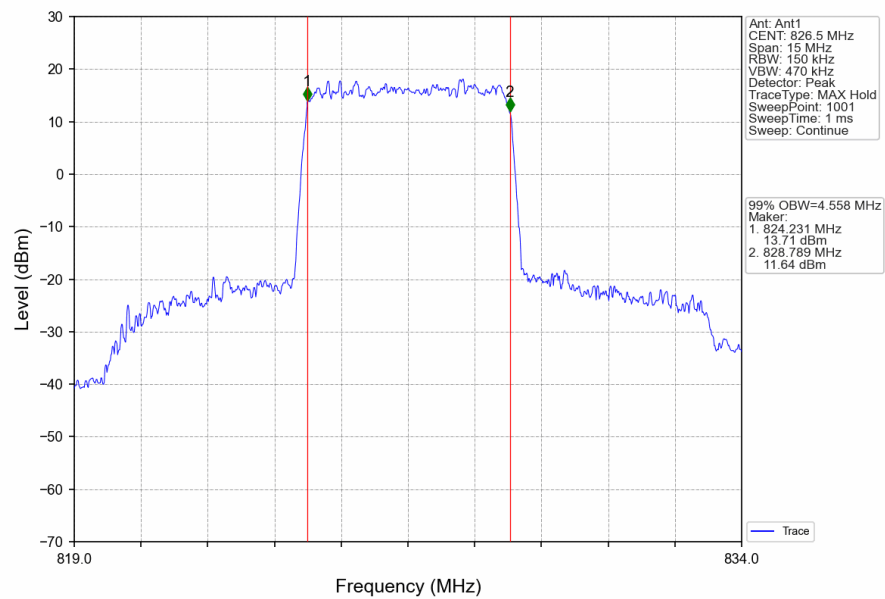
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



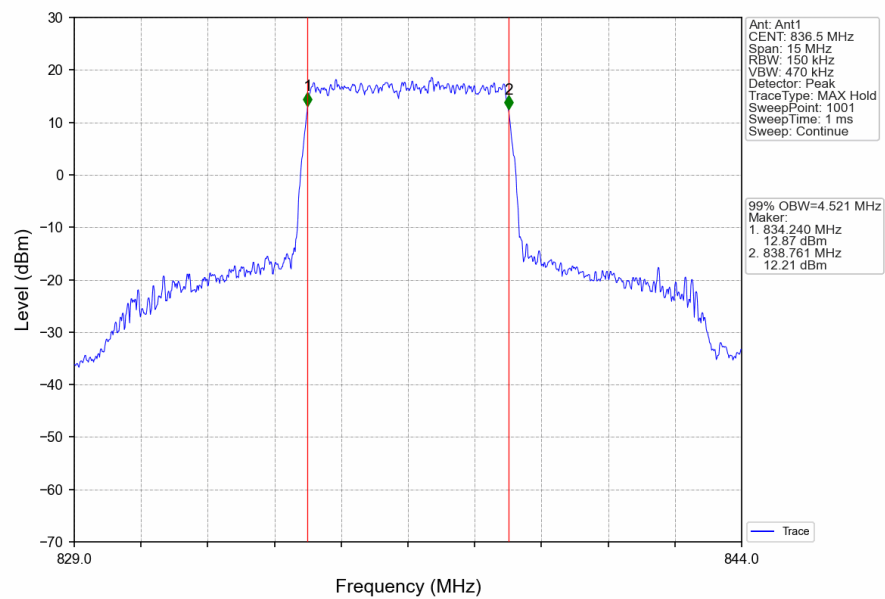
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



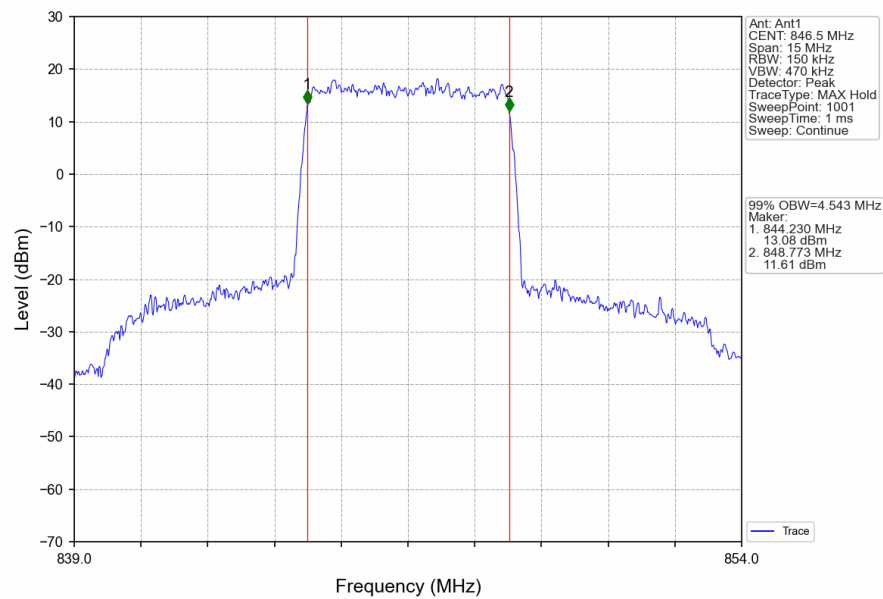
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



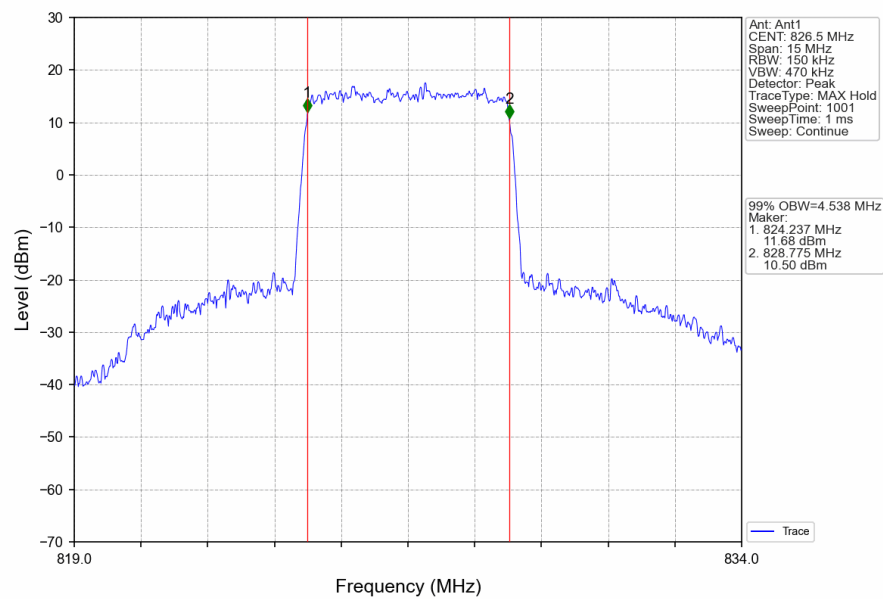
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



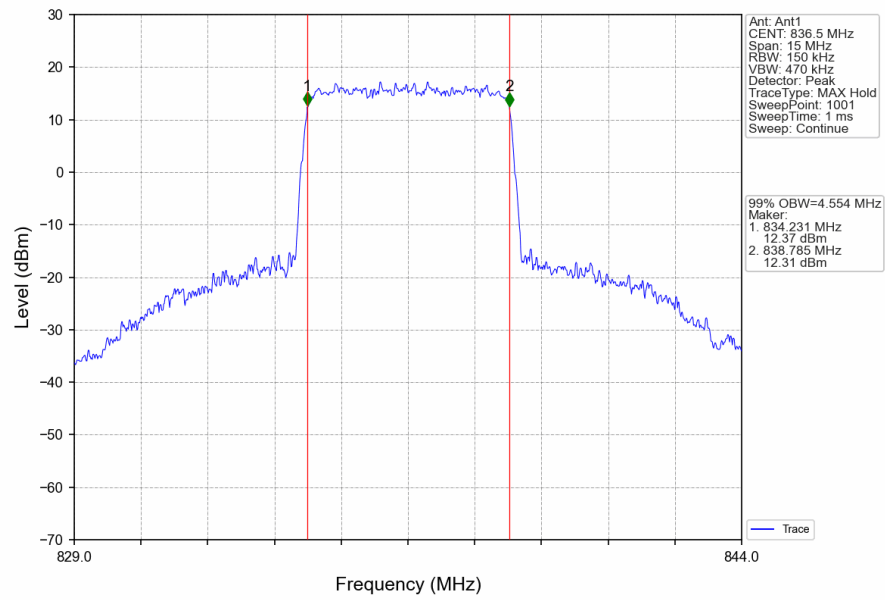
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



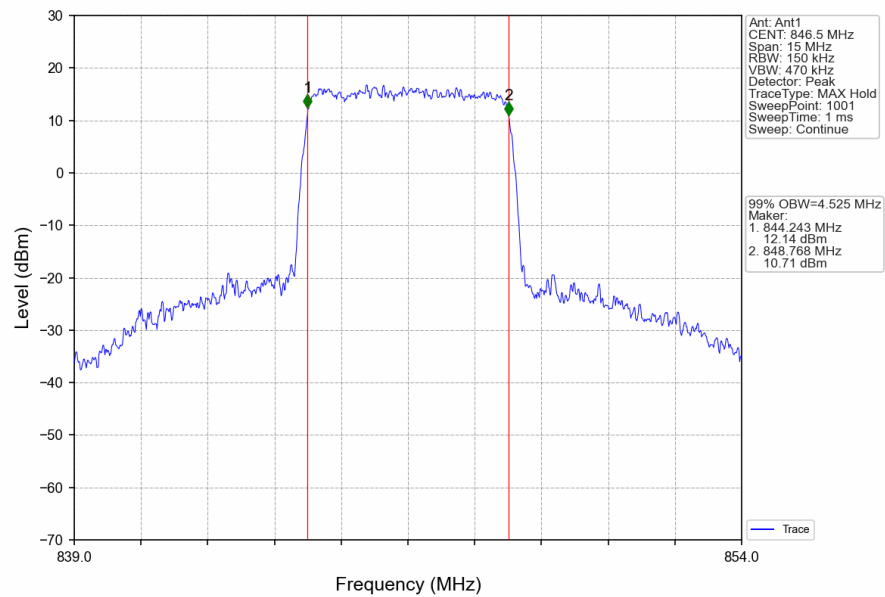
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



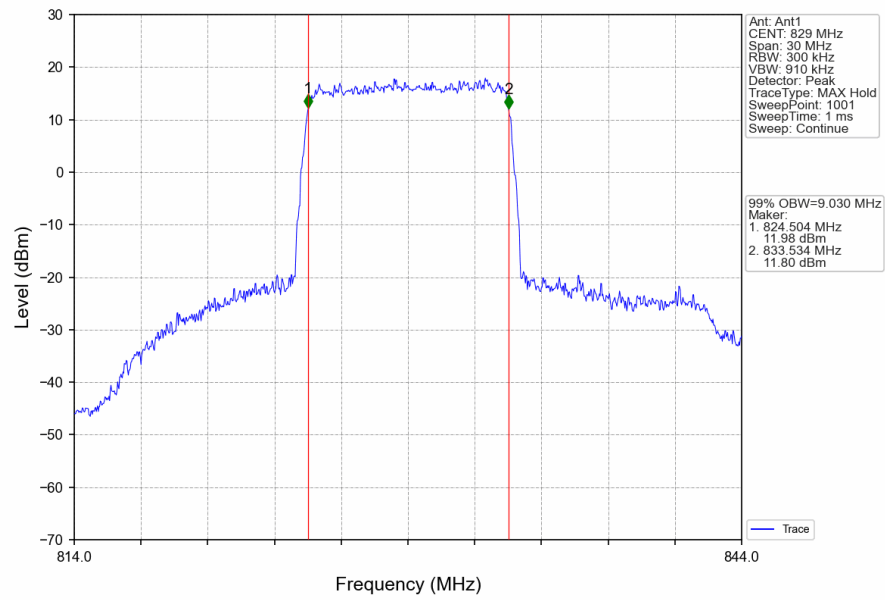
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



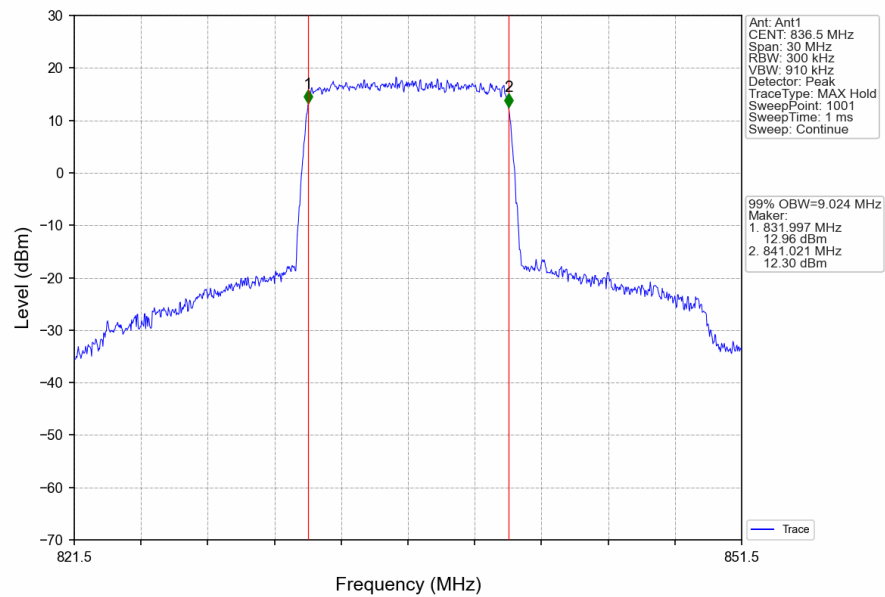
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



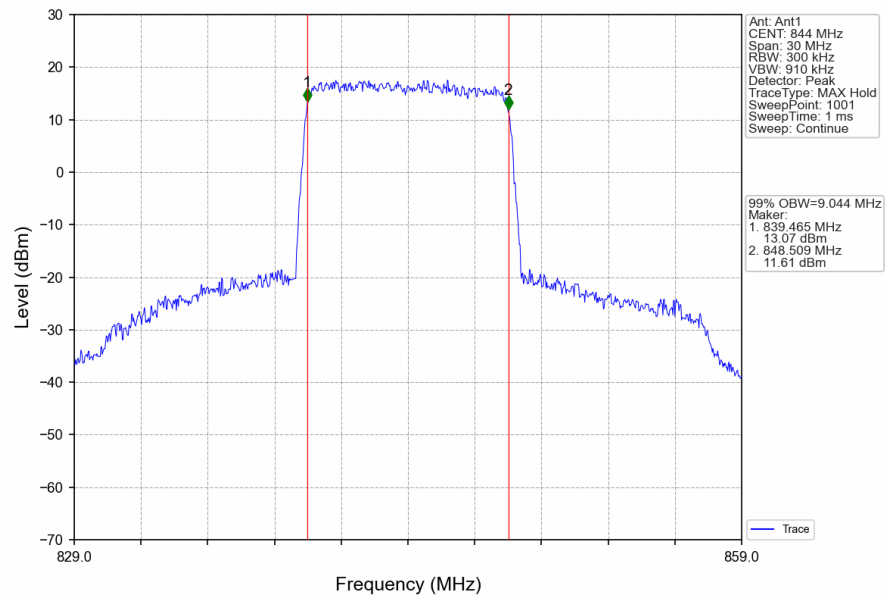
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



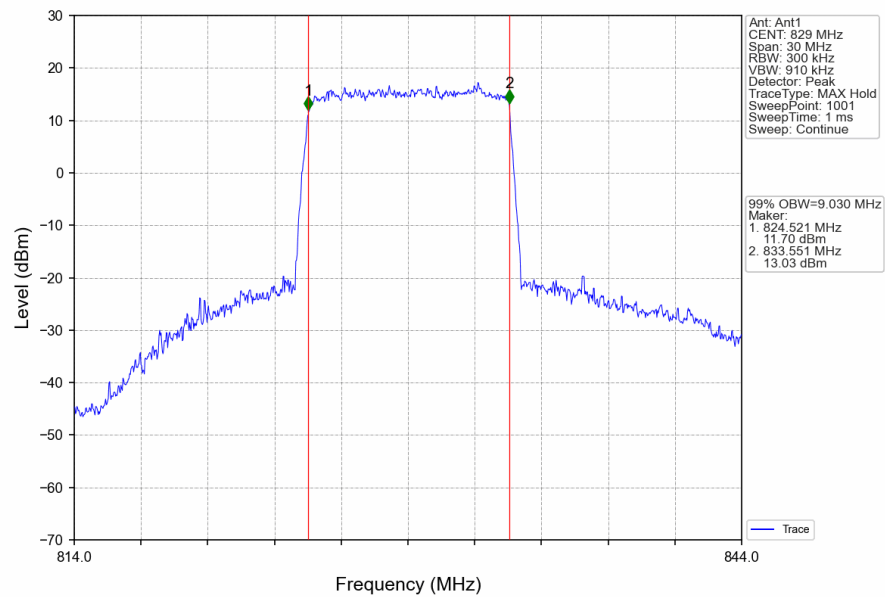
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



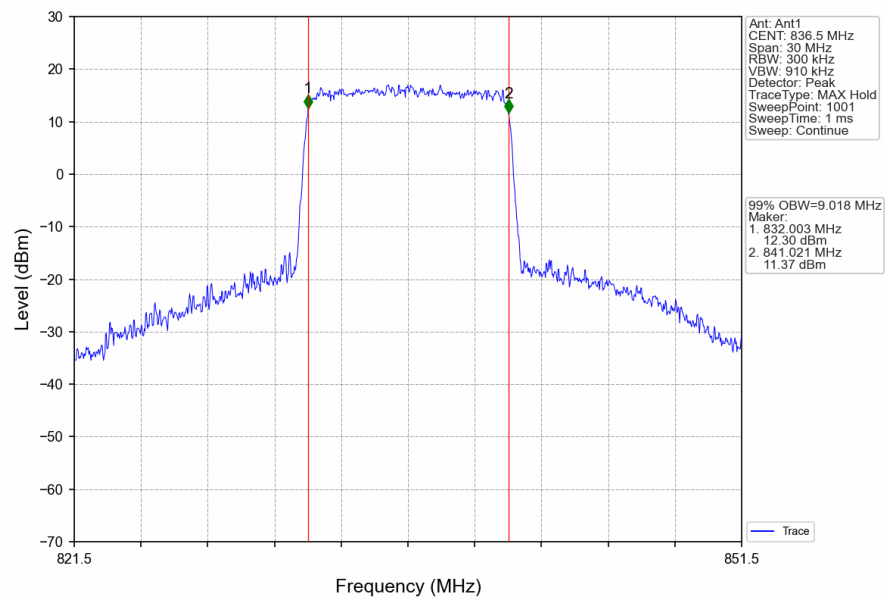
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



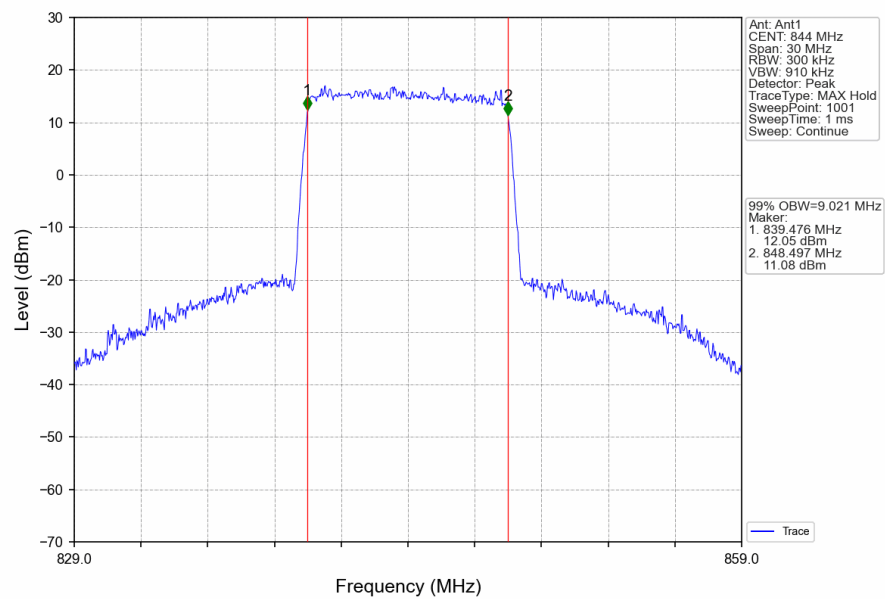
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

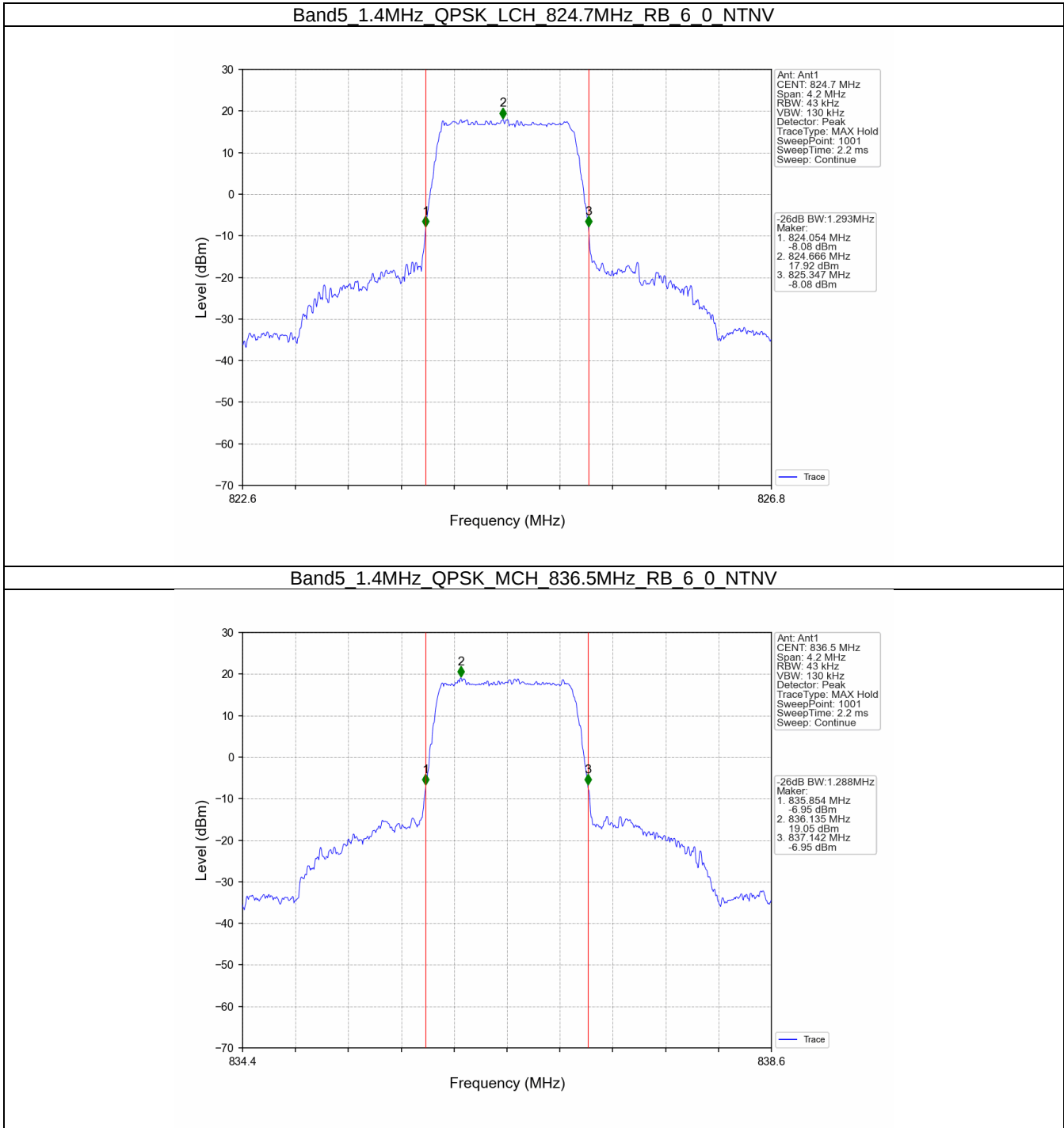


3.2 Band5_XDB

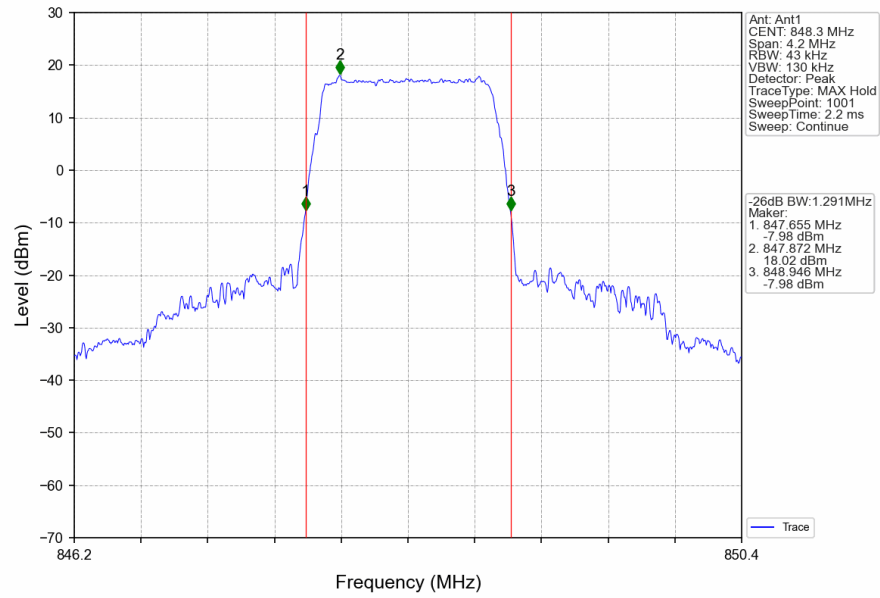
3.2.1 Test Result

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.293	/	Pass
		836.5	6	0	1.288	/	Pass
		848.3	6	0	1.291	/	Pass
	16QAM	824.7	6	0	1.285	/	Pass
		836.5	6	0	1.290	/	Pass
		848.3	6	0	1.298	/	Pass
3	QPSK	825.5	15	0	2.999	/	Pass
		836.5	15	0	2.992	/	Pass
		847.5	15	0	2.995	/	Pass
	16QAM	825.5	15	0	2.994	/	Pass
		836.5	15	0	3.002	/	Pass
		847.5	15	0	3.000	/	Pass
5	QPSK	826.5	25	0	4.942	/	Pass
		836.5	25	0	4.953	/	Pass
		846.5	25	0	4.949	/	Pass
	16QAM	826.5	25	0	4.920	/	Pass
		836.5	25	0	4.964	/	Pass
		846.5	25	0	4.970	/	Pass
10	QPSK	829	50	0	9.862	/	Pass
		836.5	50	0	9.841	/	Pass
		844	50	0	9.843	/	Pass
	16QAM	829	50	0	9.825	/	Pass
		836.5	50	0	9.794	/	Pass
		844	50	0	9.810	/	Pass

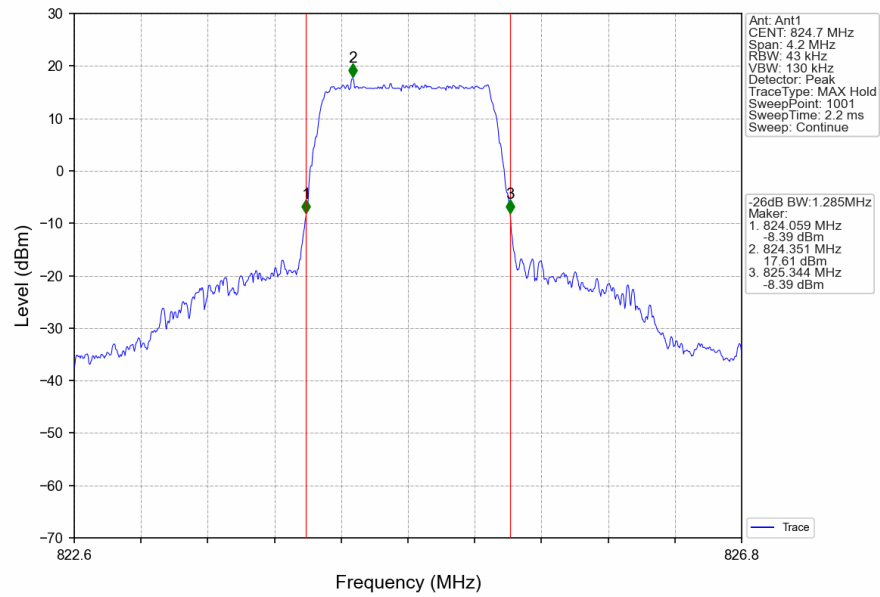
3.2.2 Test Graph



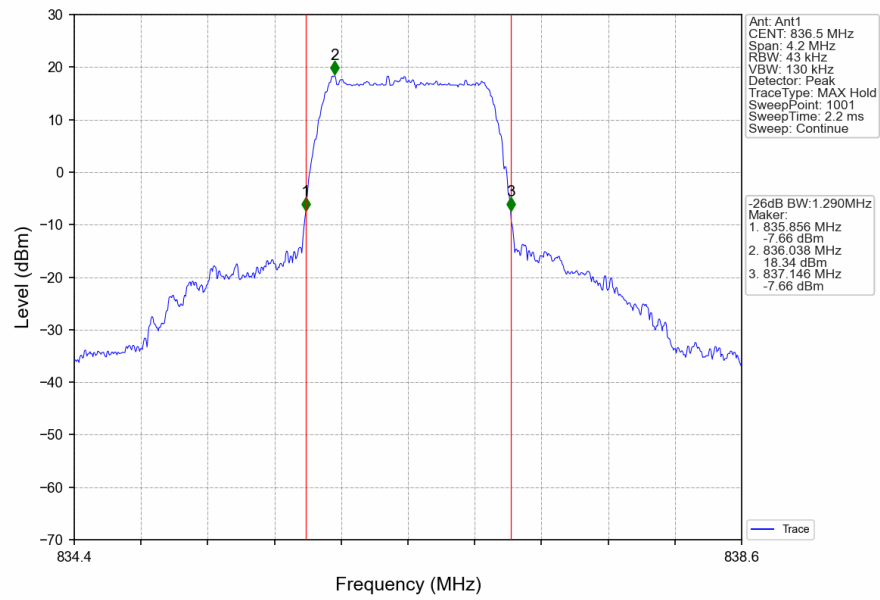
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



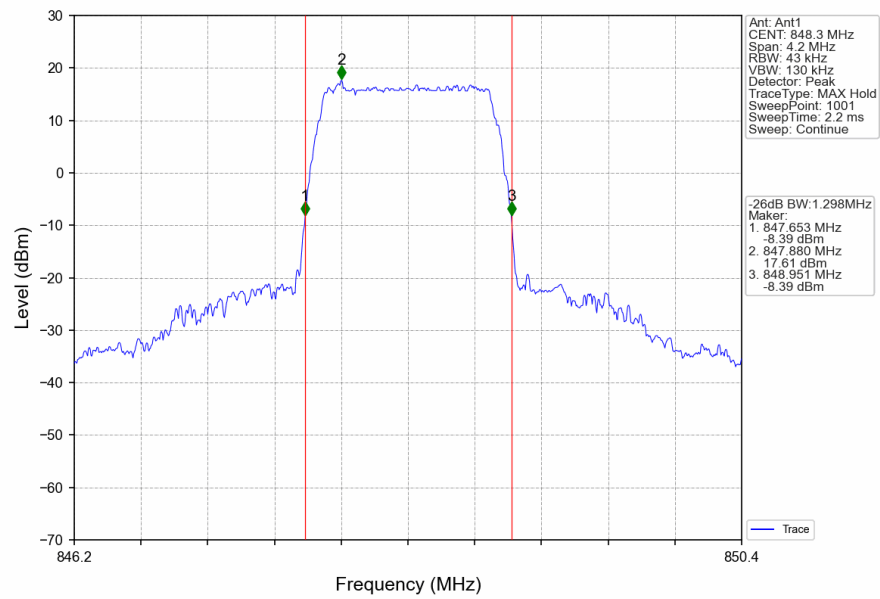
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



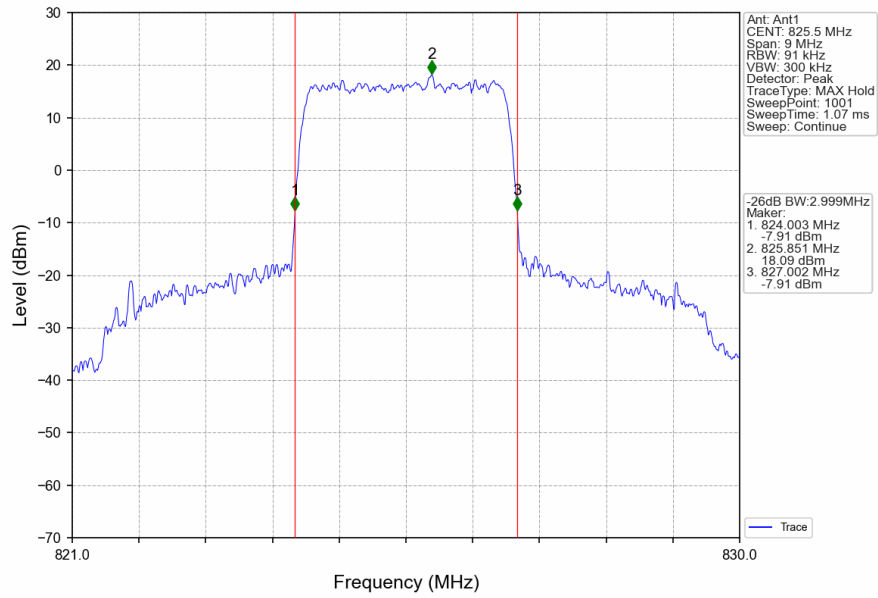
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



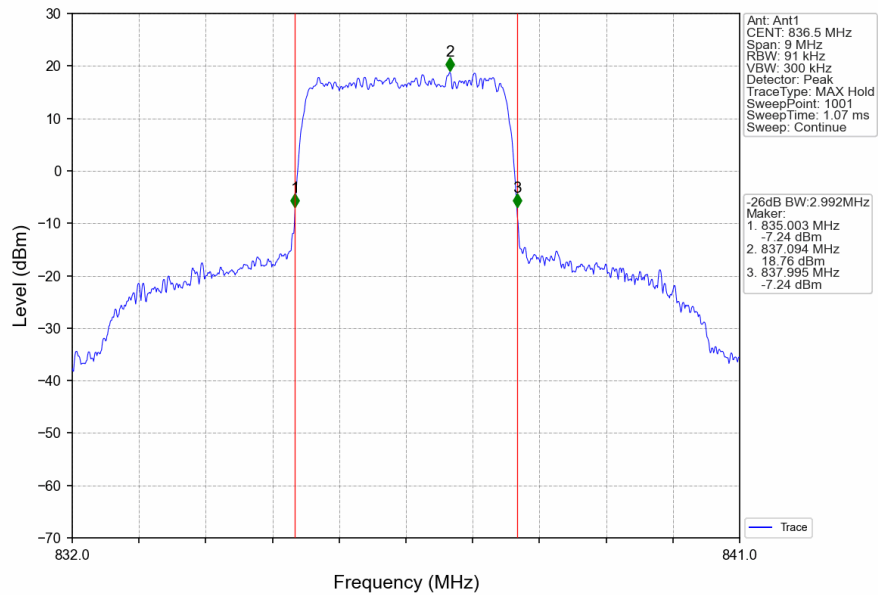
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



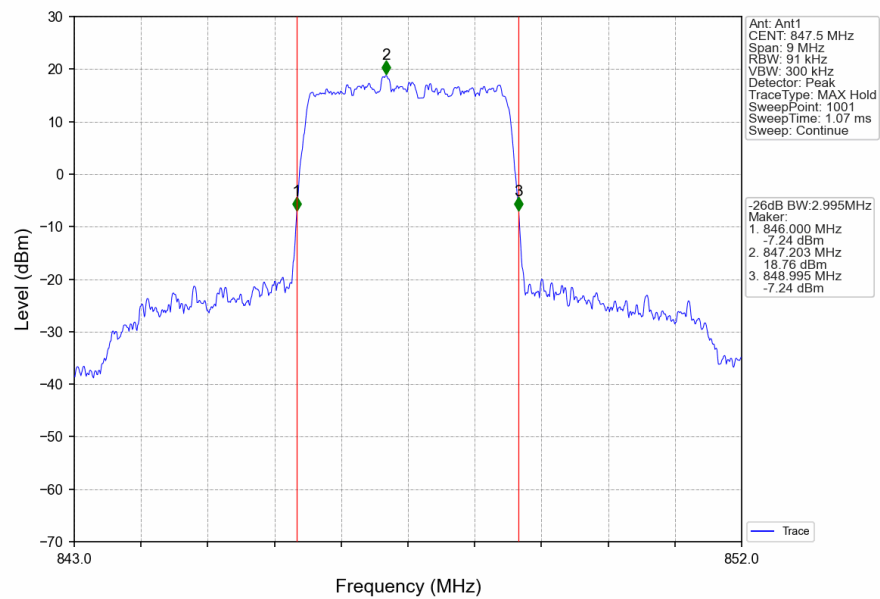
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



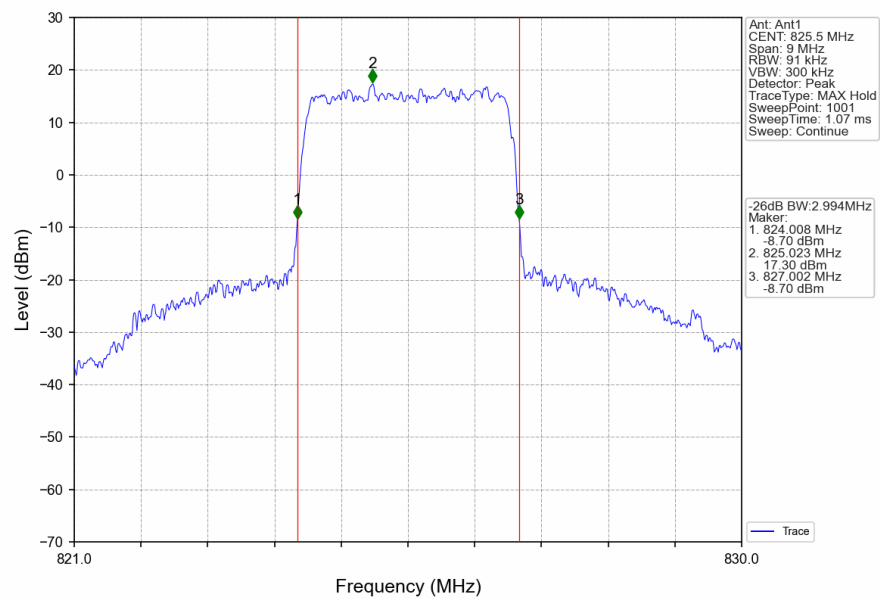
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



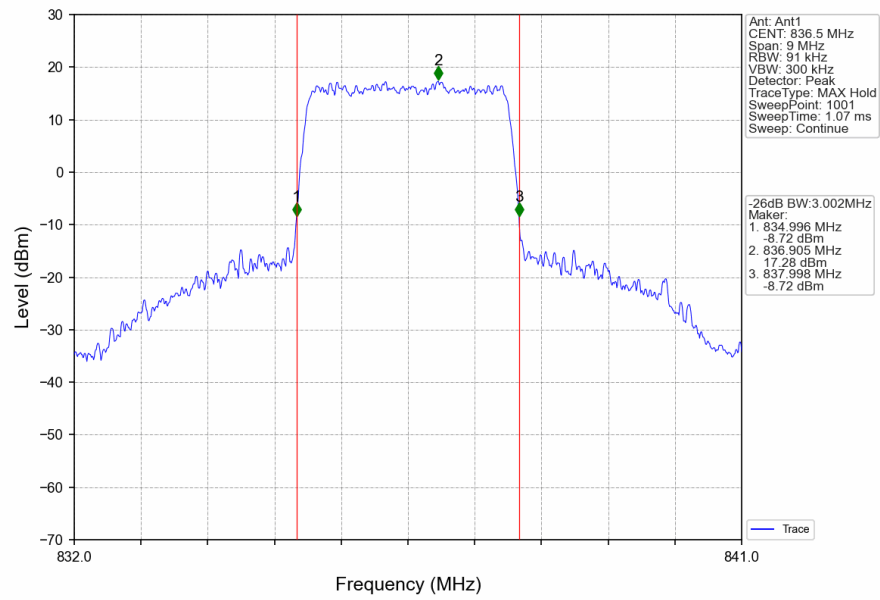
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



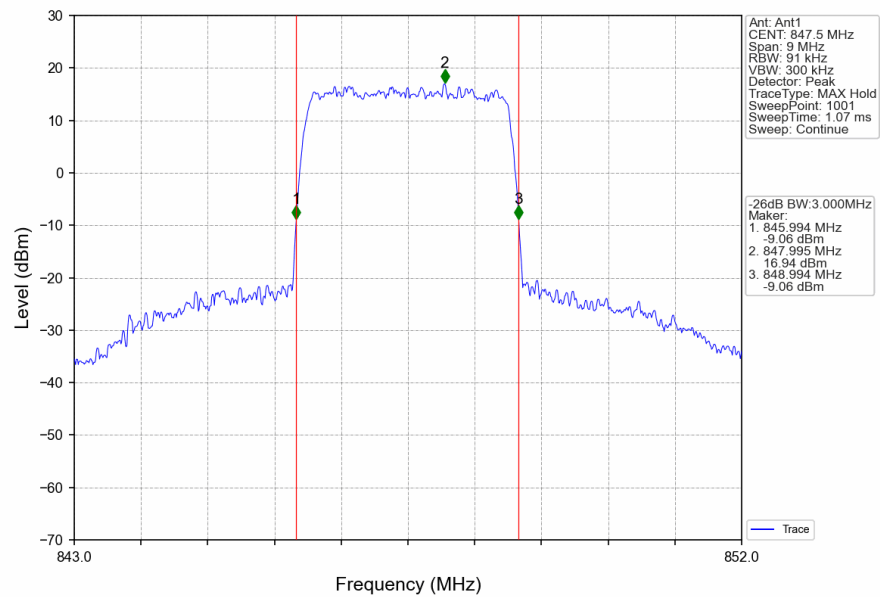
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



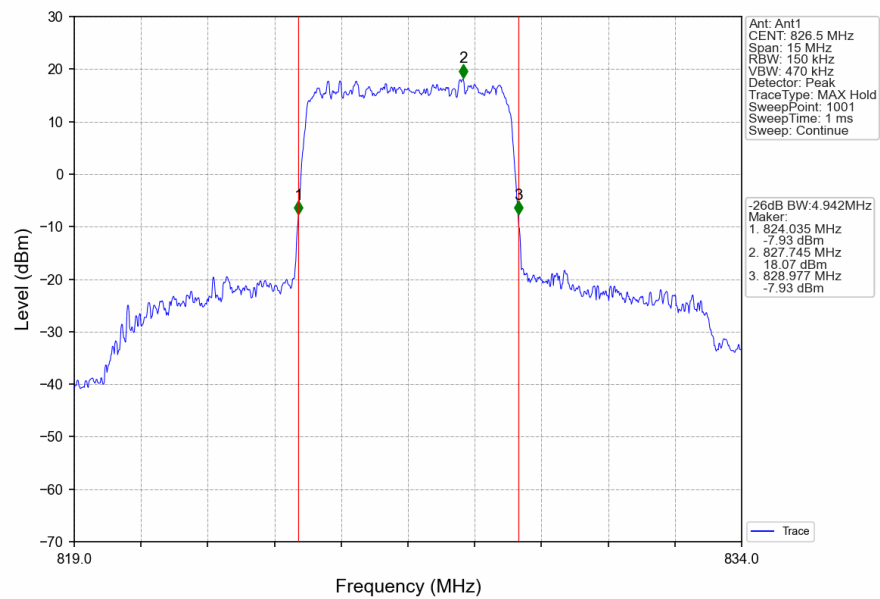
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



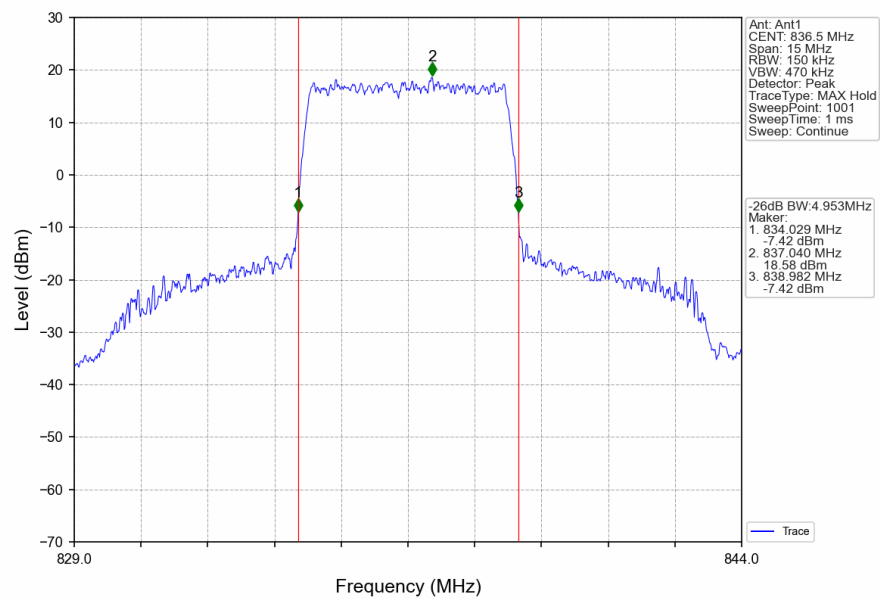
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



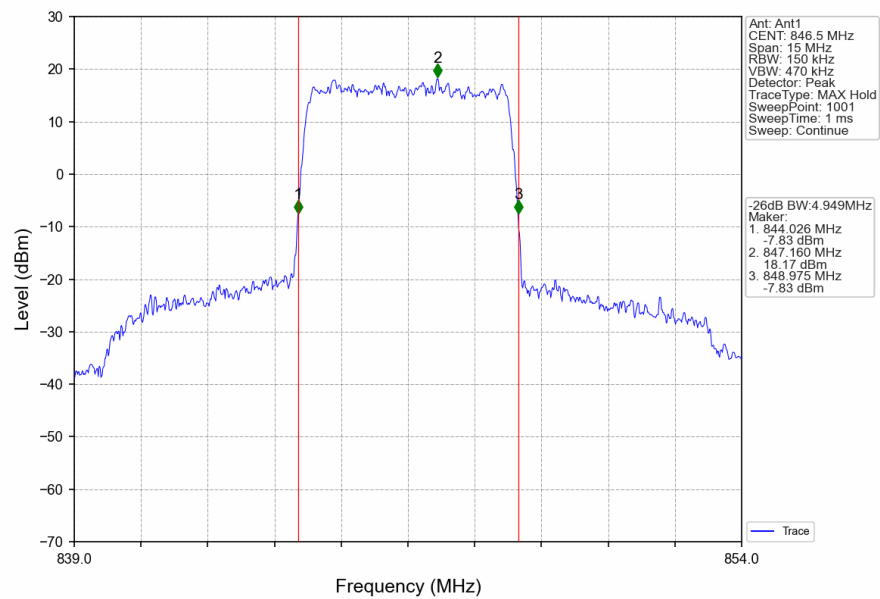
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



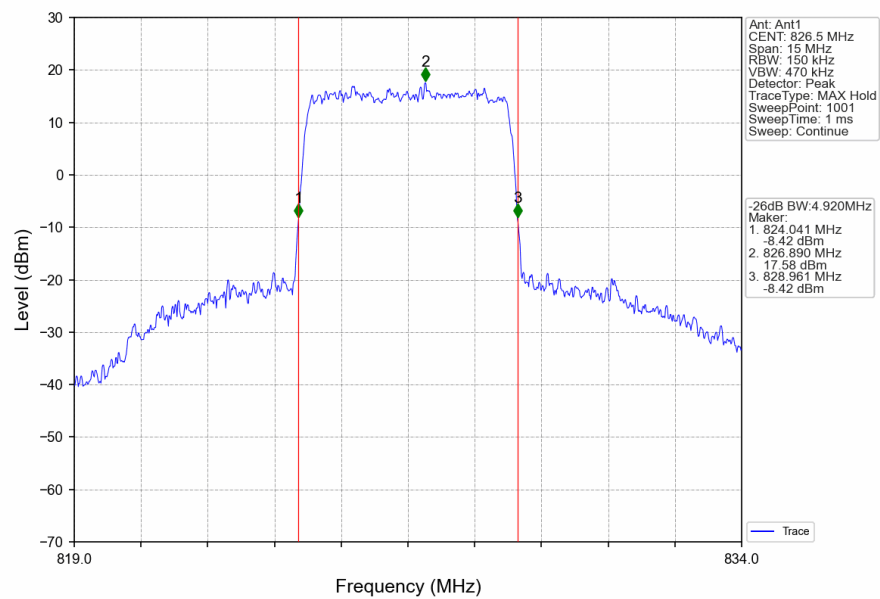
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



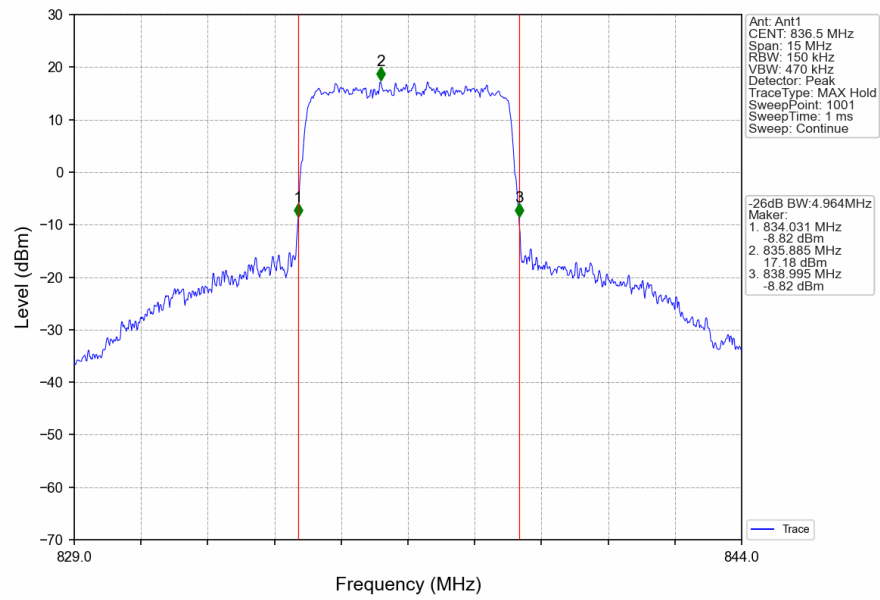
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



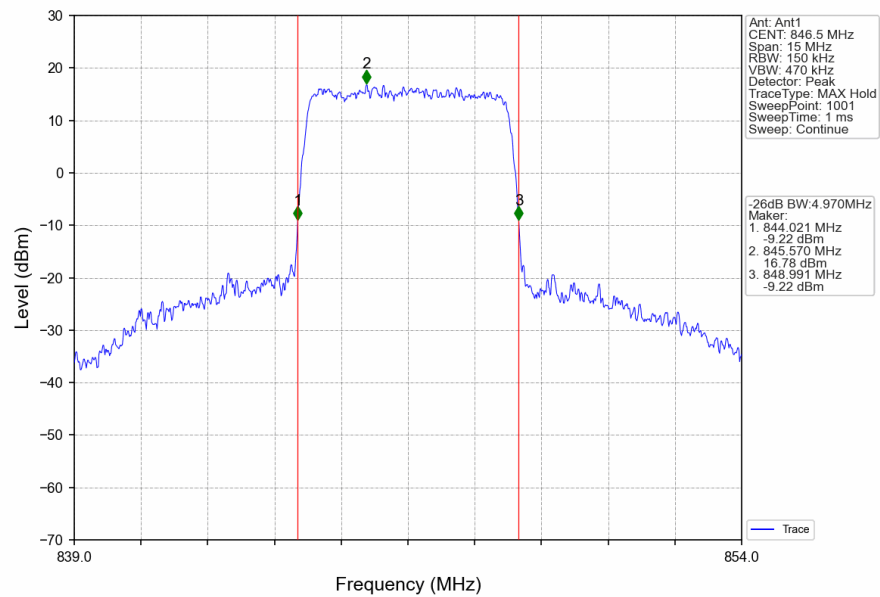
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



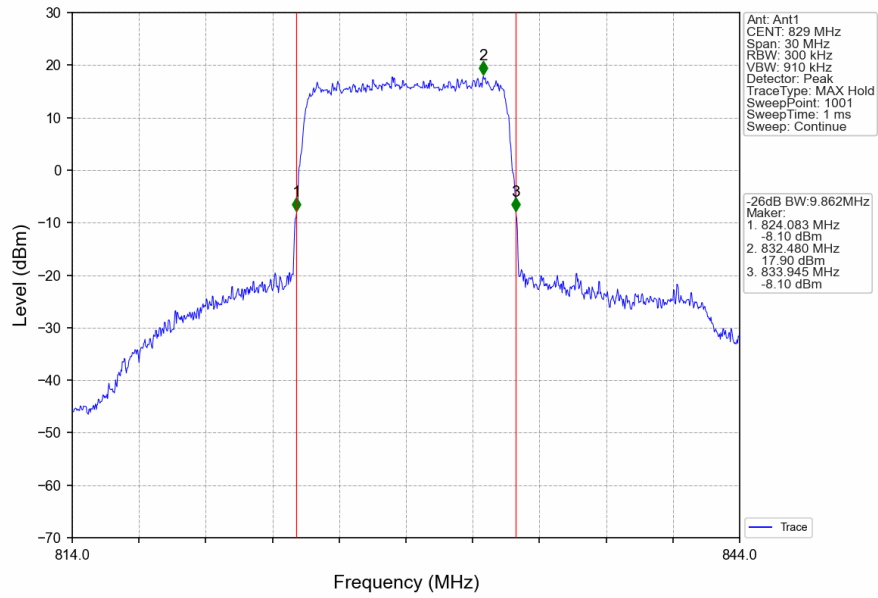
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



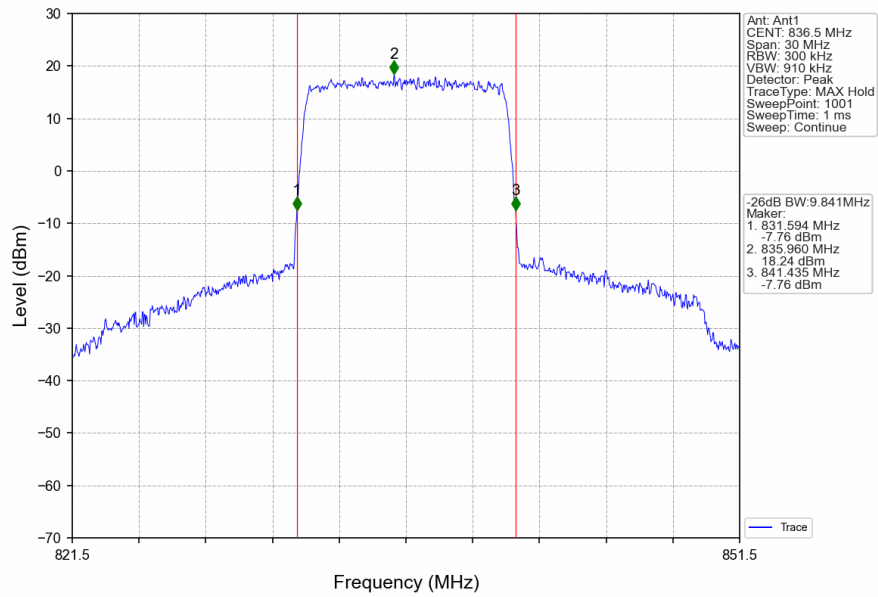
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



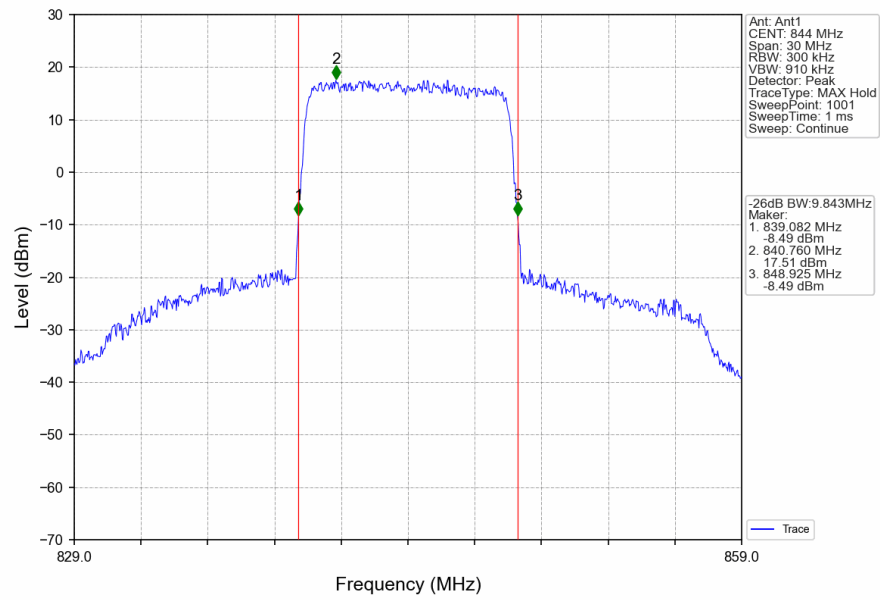
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



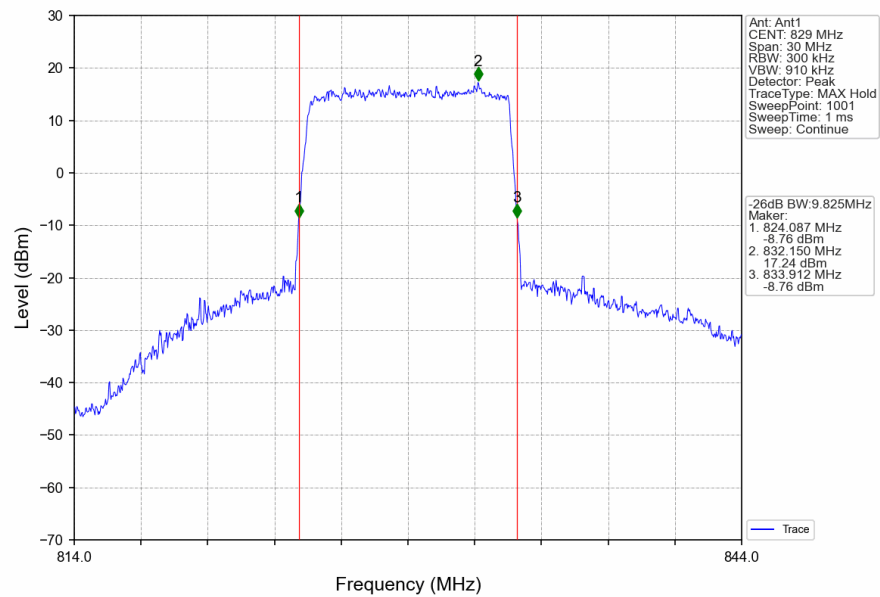
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



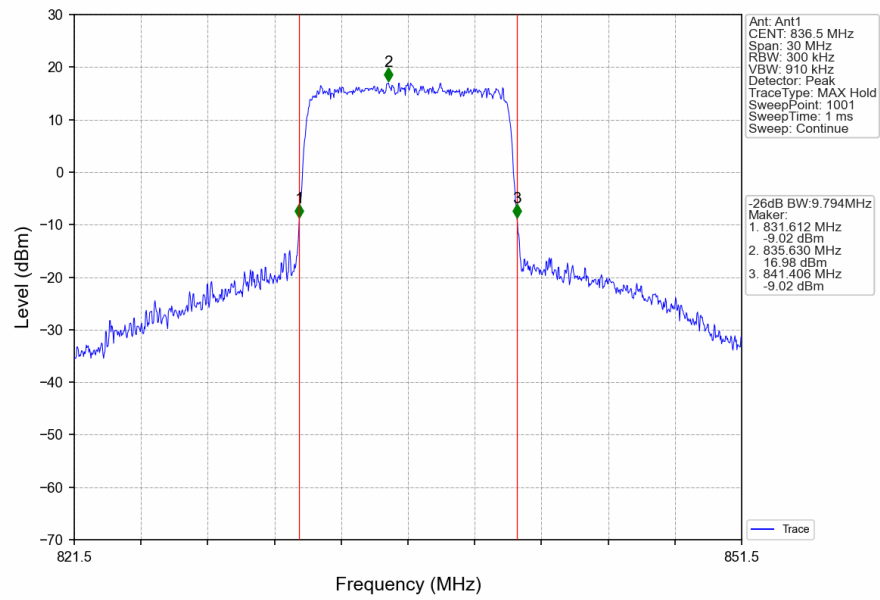
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



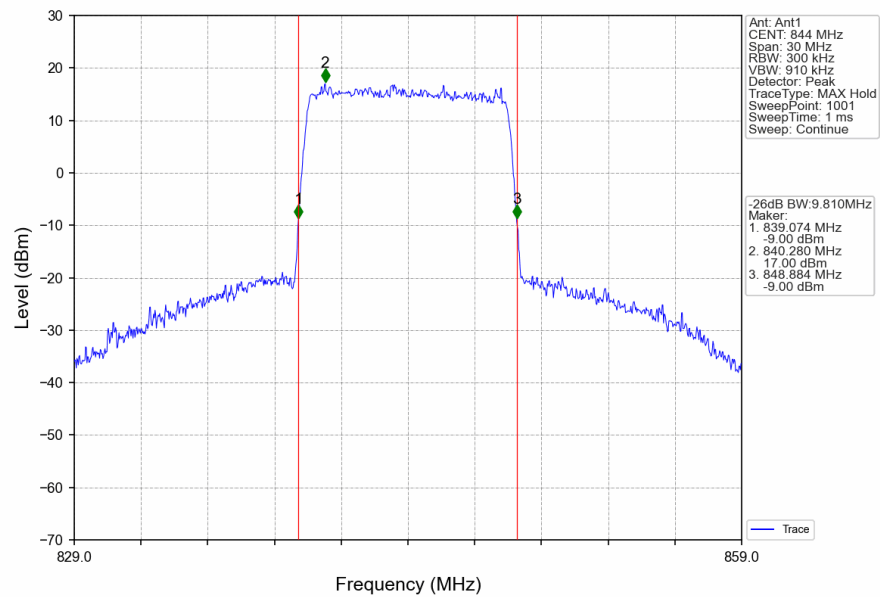
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



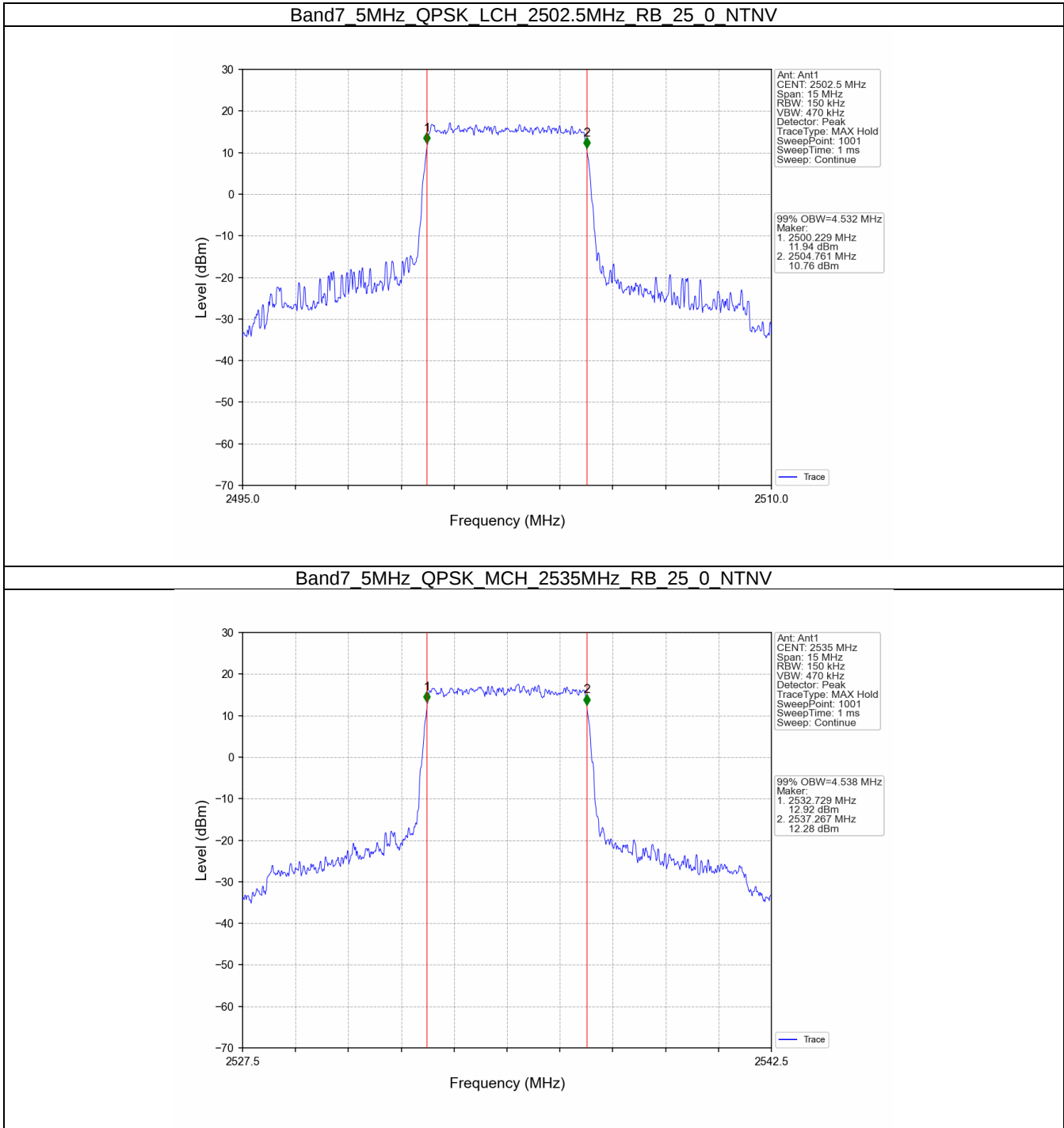
4. 99% & 26dB Bandwidth

4.1 Band7_OBW

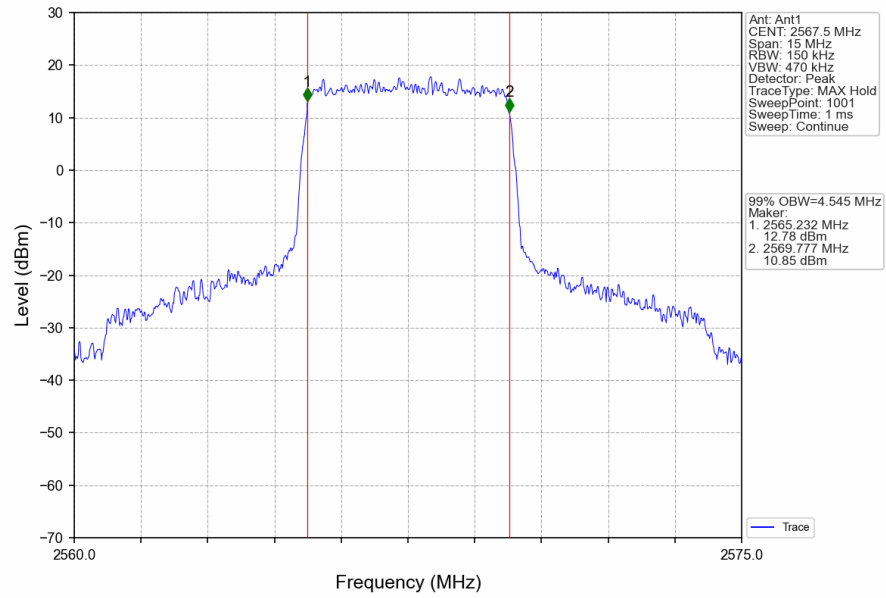
4.1.1 Test Result

Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.532	/	Pass
		2535	25	0	4.538	/	Pass
		2567.5	25	0	4.545	/	Pass
	16QAM	2502.5	25	0	4.557	/	Pass
		2535	25	0	4.556	/	Pass
		2567.5	25	0	4.529	/	Pass
10	QPSK	2505	50	0	9.050	/	Pass
		2535	50	0	9.004	/	Pass
		2565	50	0	9.034	/	Pass
	16QAM	2505	50	0	9.018	/	Pass
		2535	50	0	9.029	/	Pass
		2565	50	0	9.000	/	Pass
15	QPSK	2507.5	75	0	13.592	/	Pass
		2535	75	0	13.513	/	Pass
		2562.5	75	0	13.550	/	Pass
	16QAM	2507.5	75	0	13.570	/	Pass
		2535	75	0	13.558	/	Pass
		2562.5	75	0	13.579	/	Pass
20	QPSK	2510	100	0	18.071	/	Pass
		2535	100	0	18.017	/	Pass
		2560	100	0	18.096	/	Pass
	16QAM	2510	100	0	18.132	/	Pass
		2535	100	0	18.036	/	Pass
		2560	100	0	18.063	/	Pass

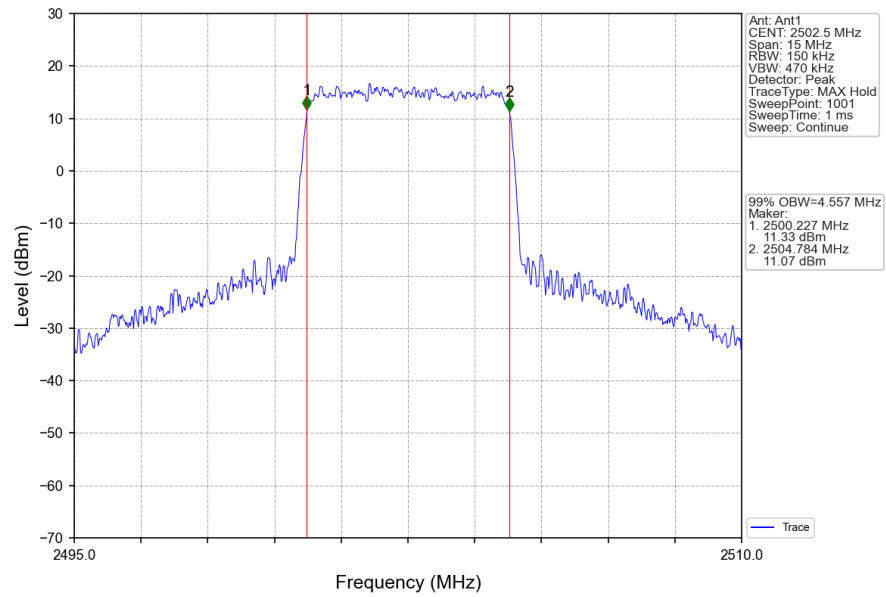
4.1.2 Test Graph



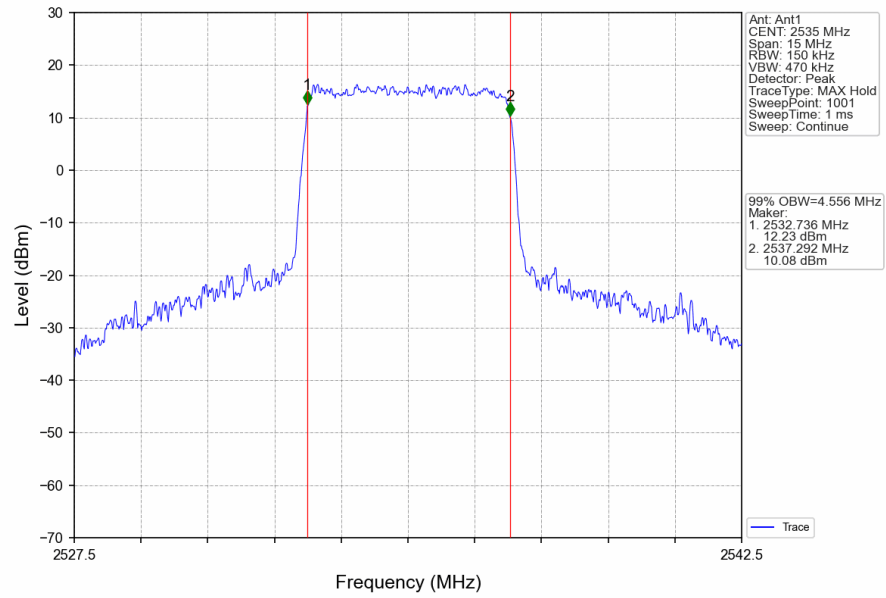
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



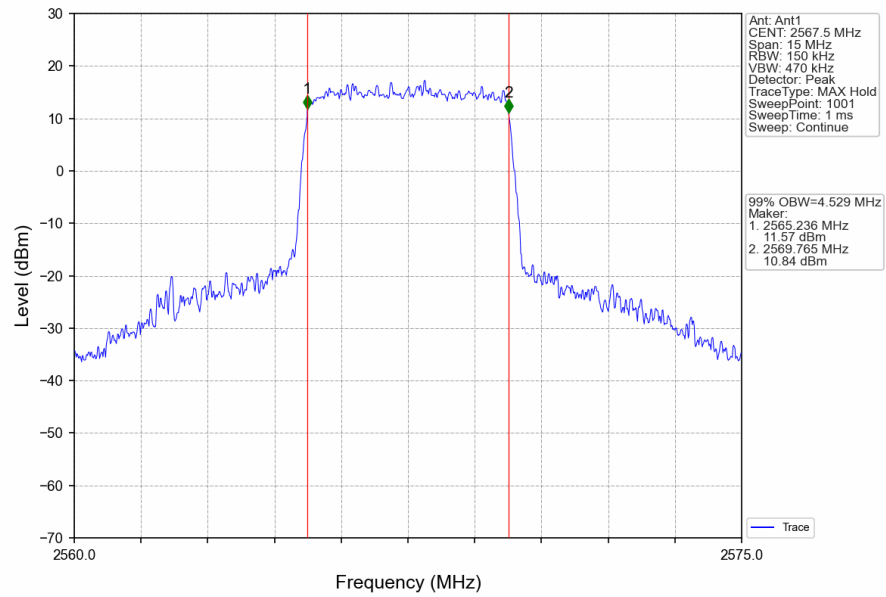
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



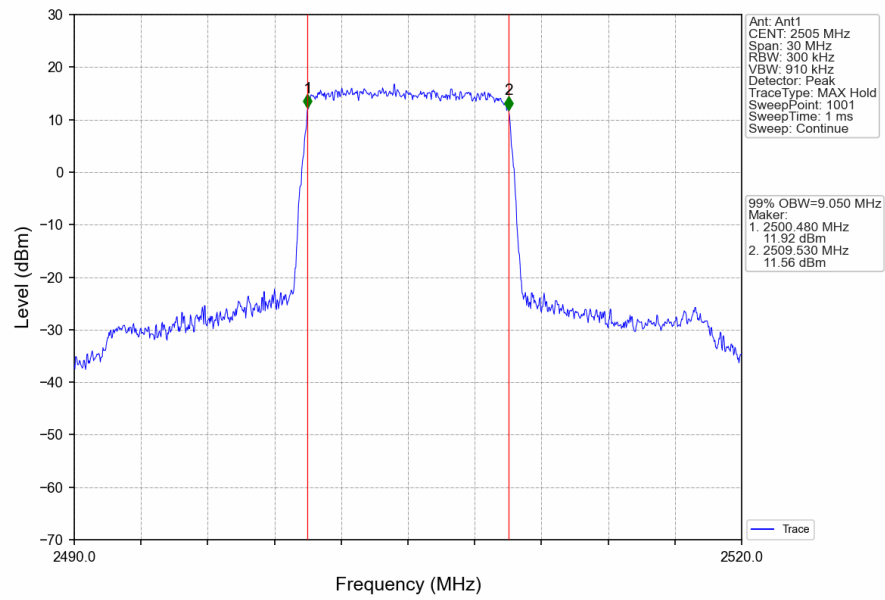
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



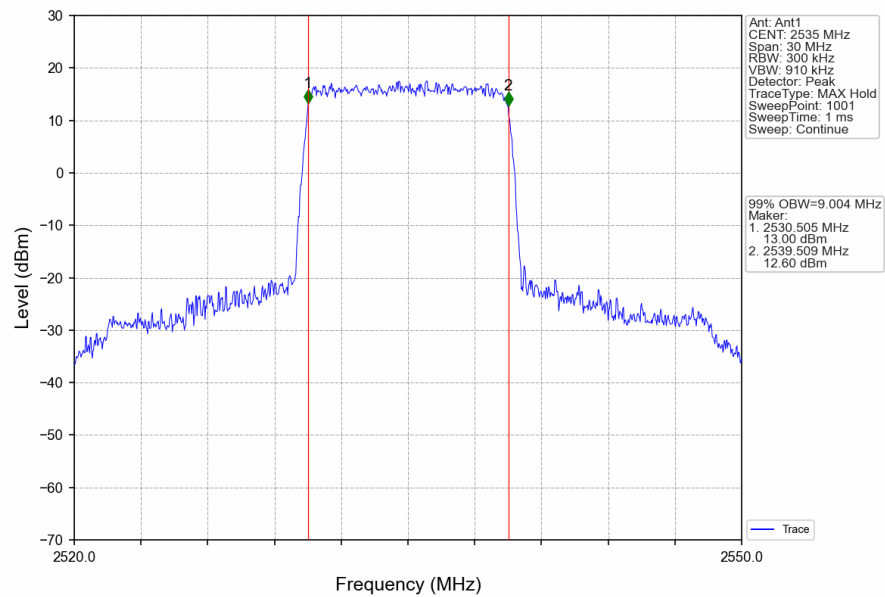
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



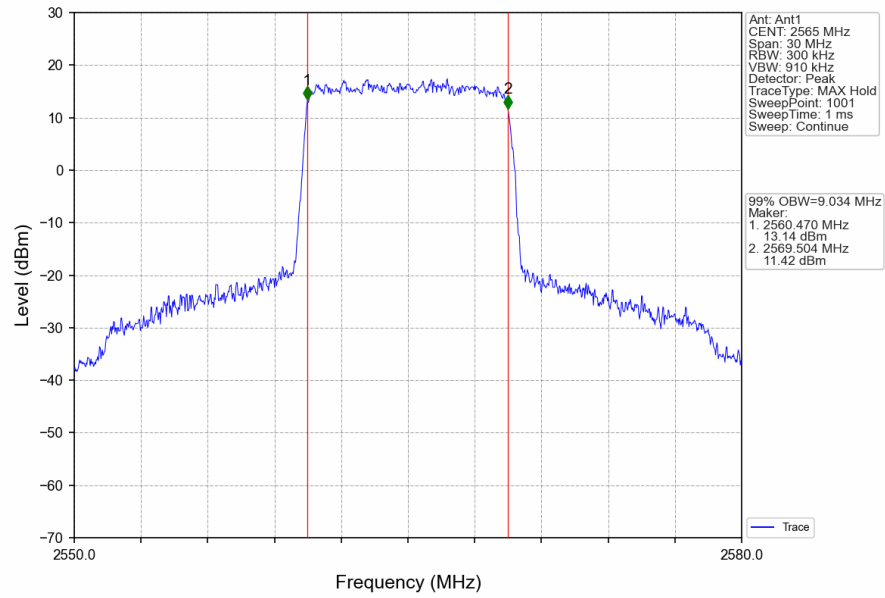
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



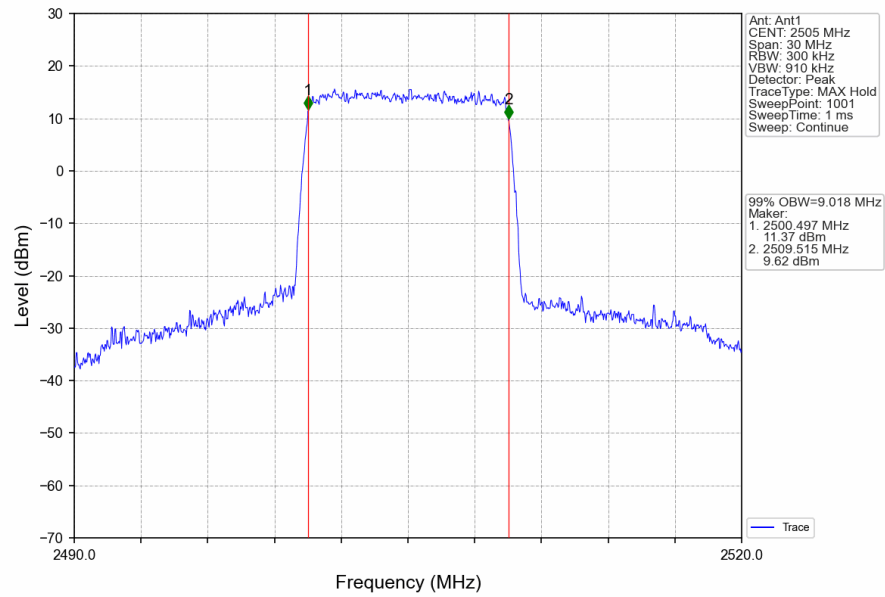
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



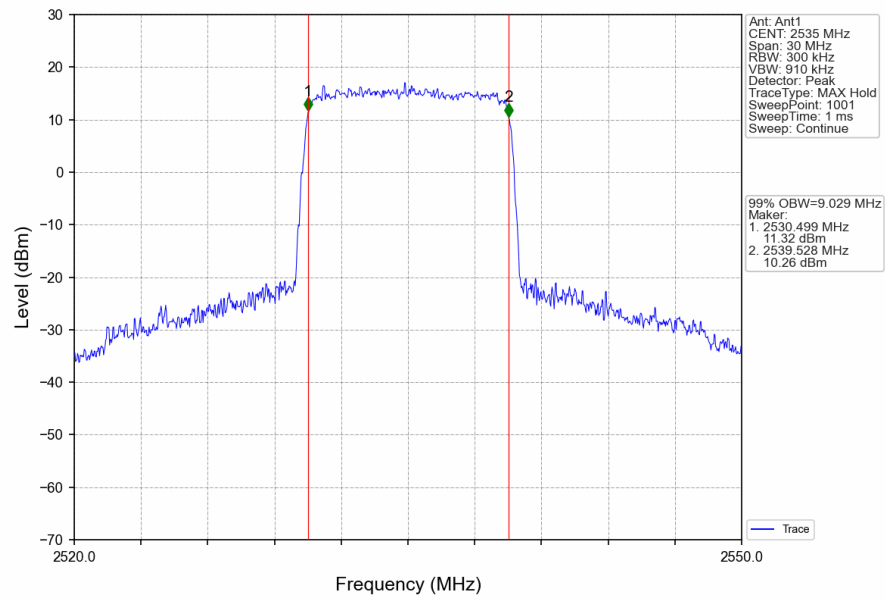
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



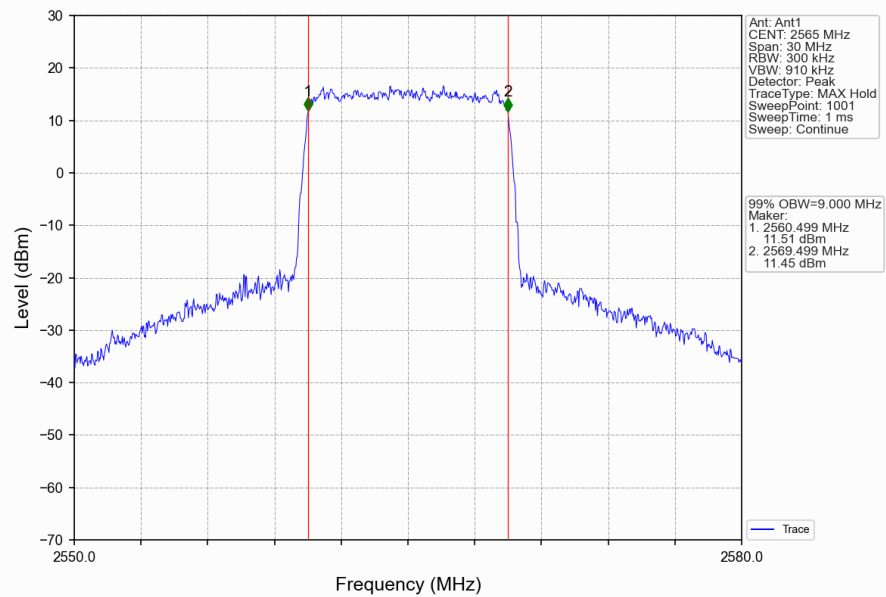
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



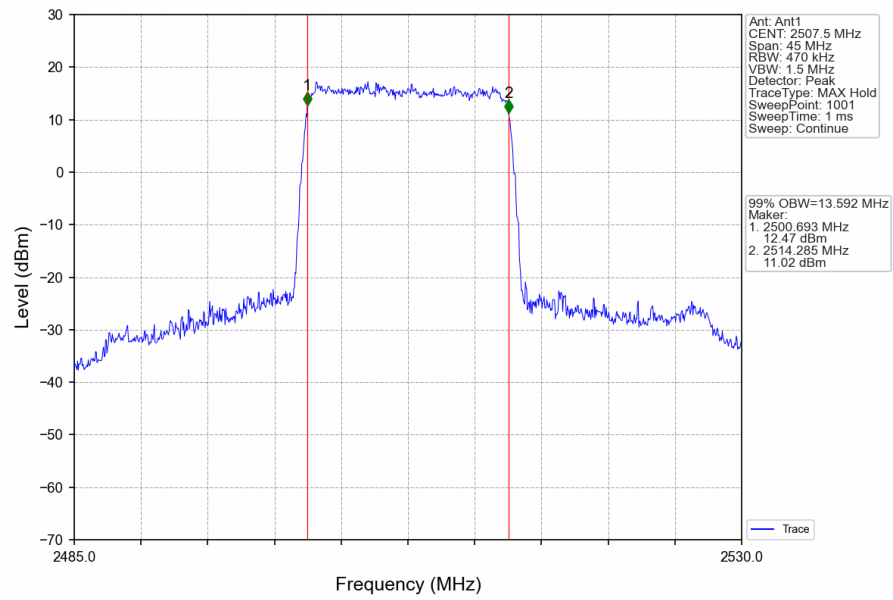
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



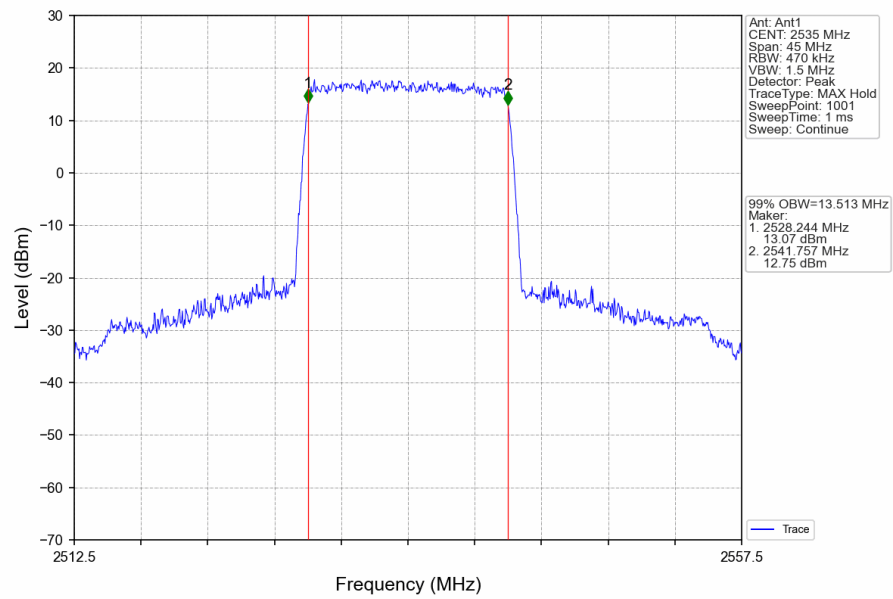
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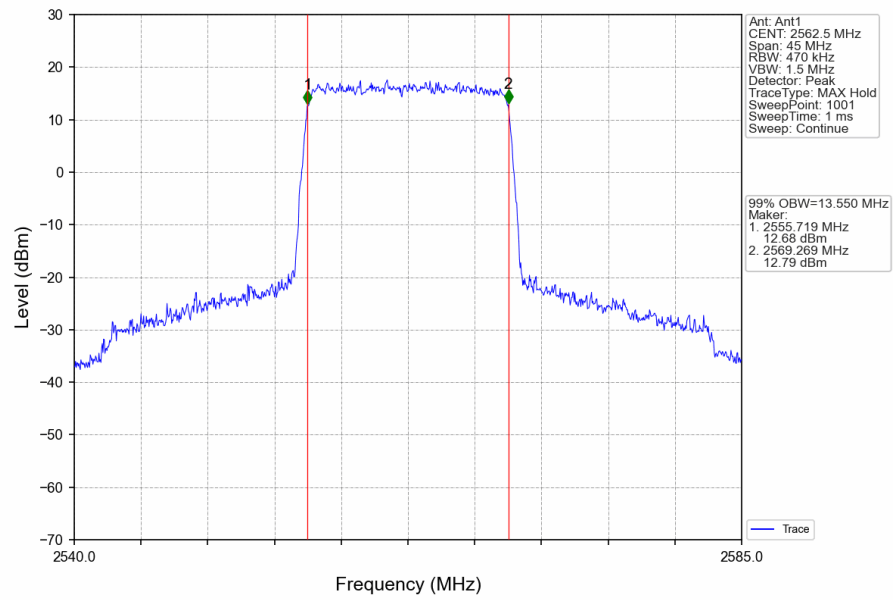
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



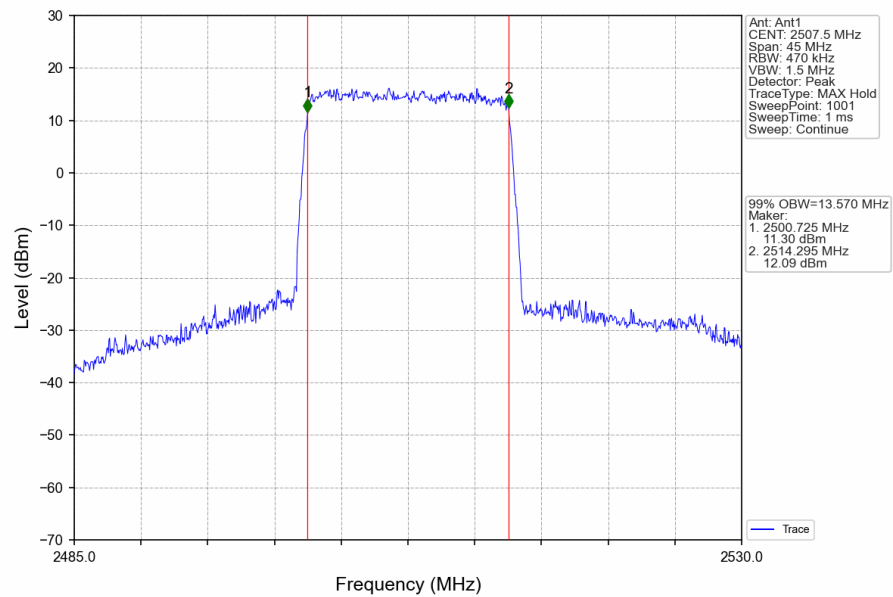
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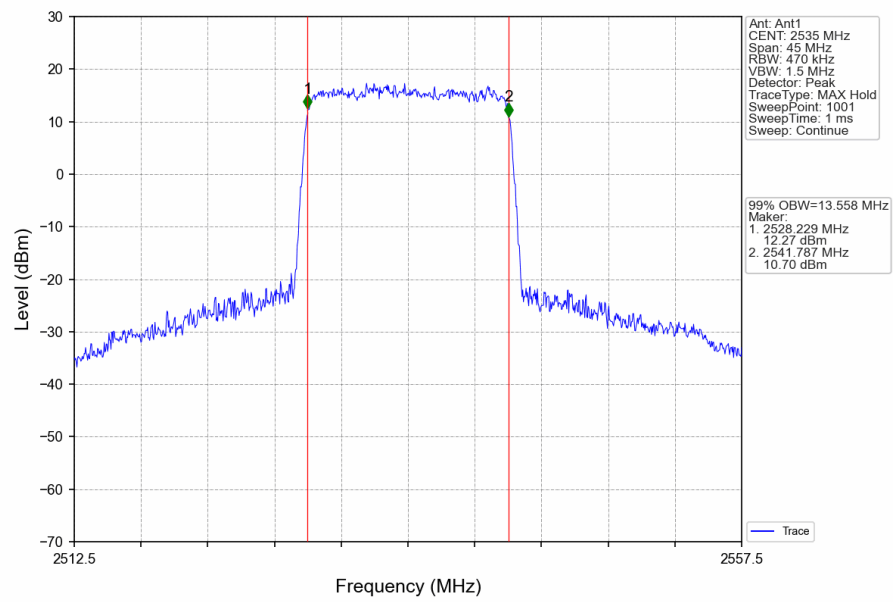
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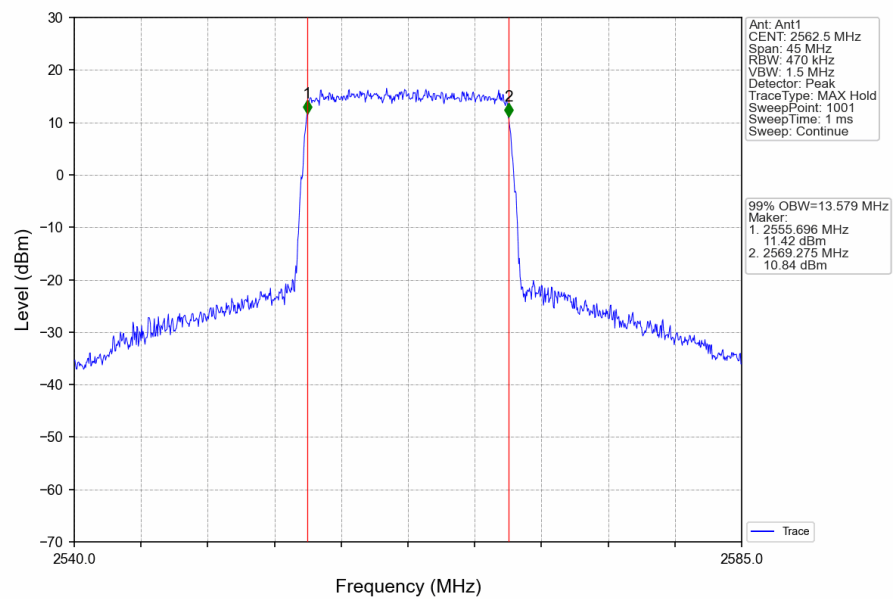
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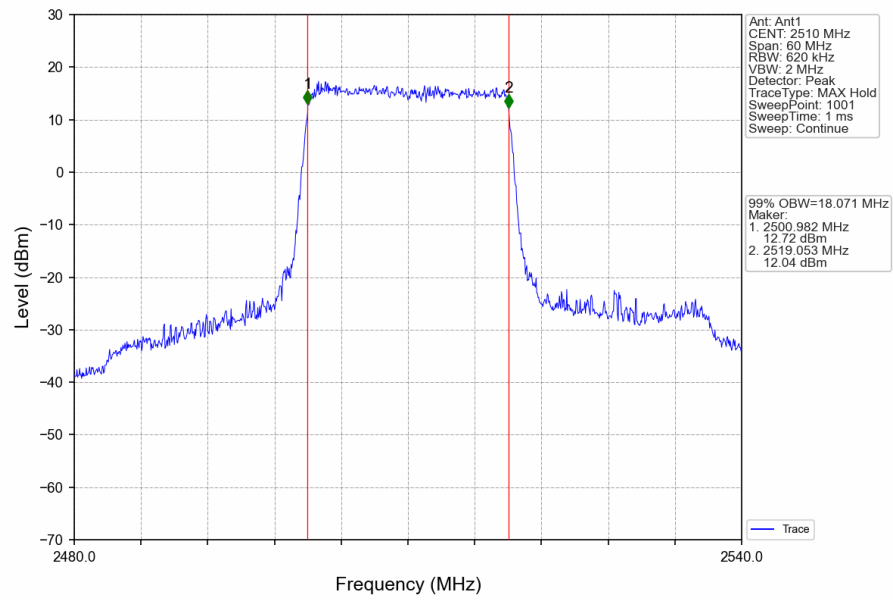
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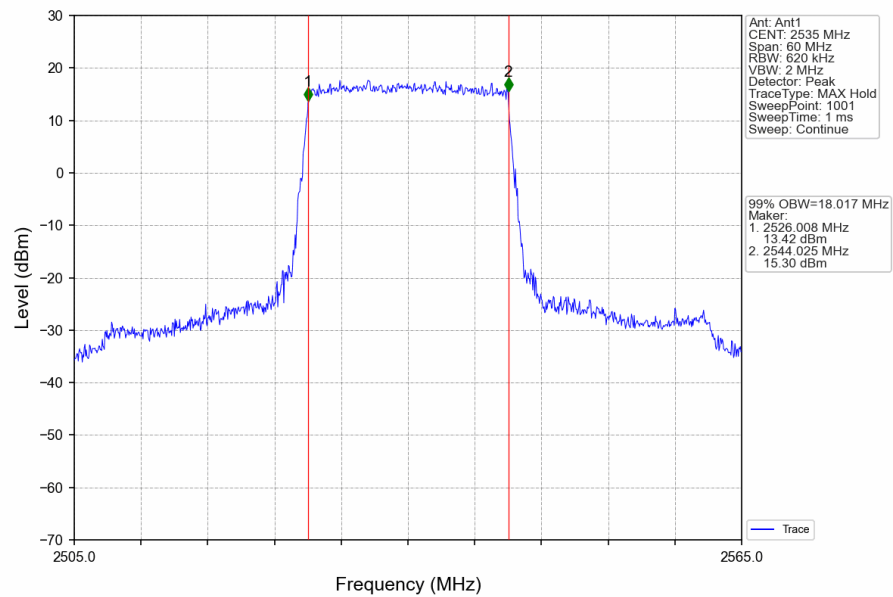
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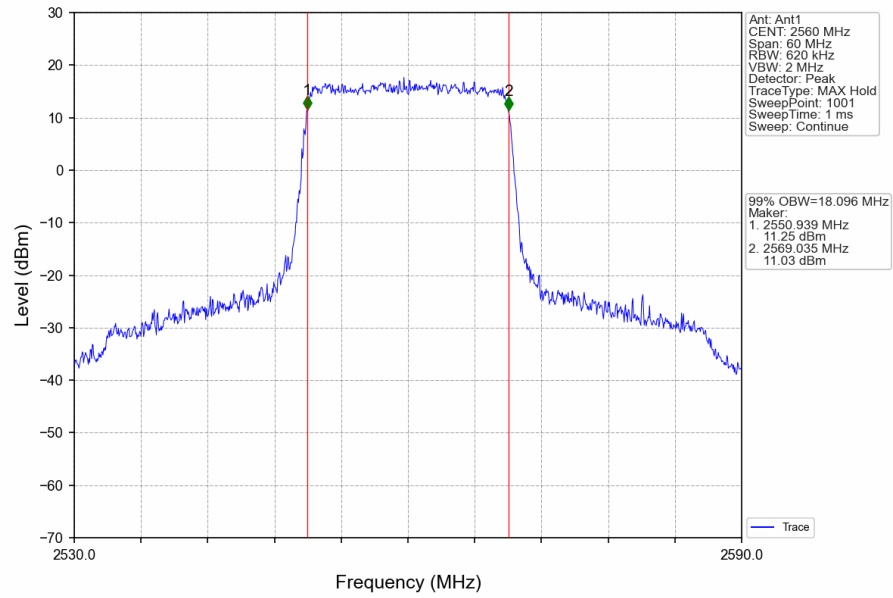
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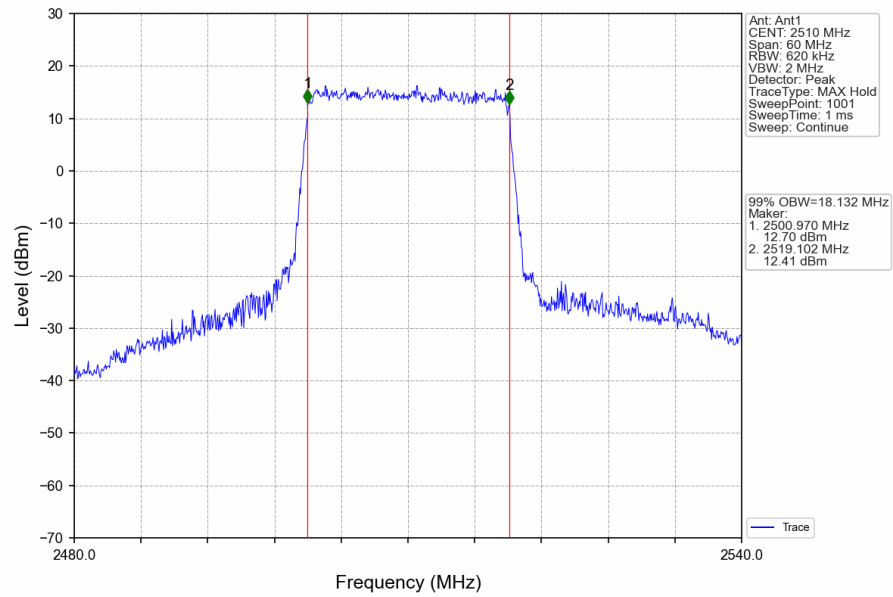
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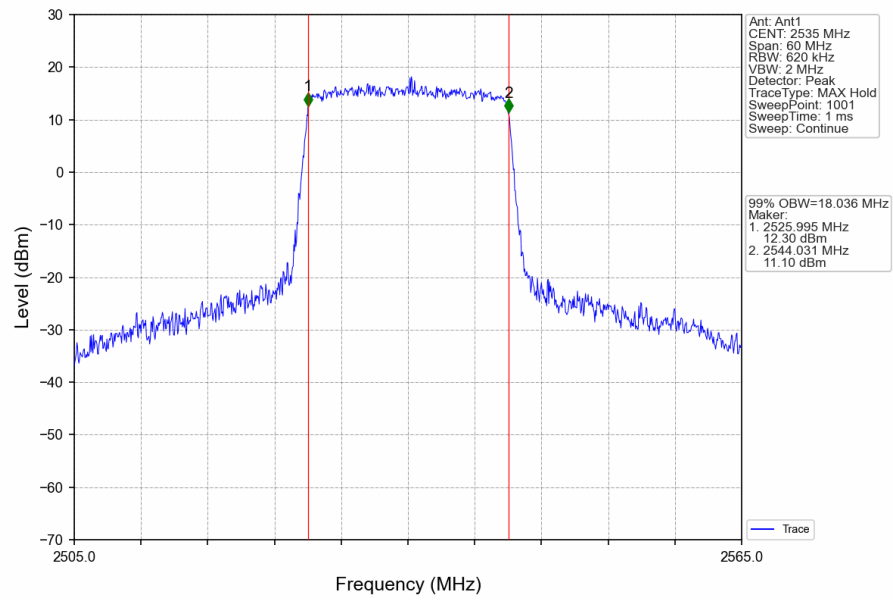
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



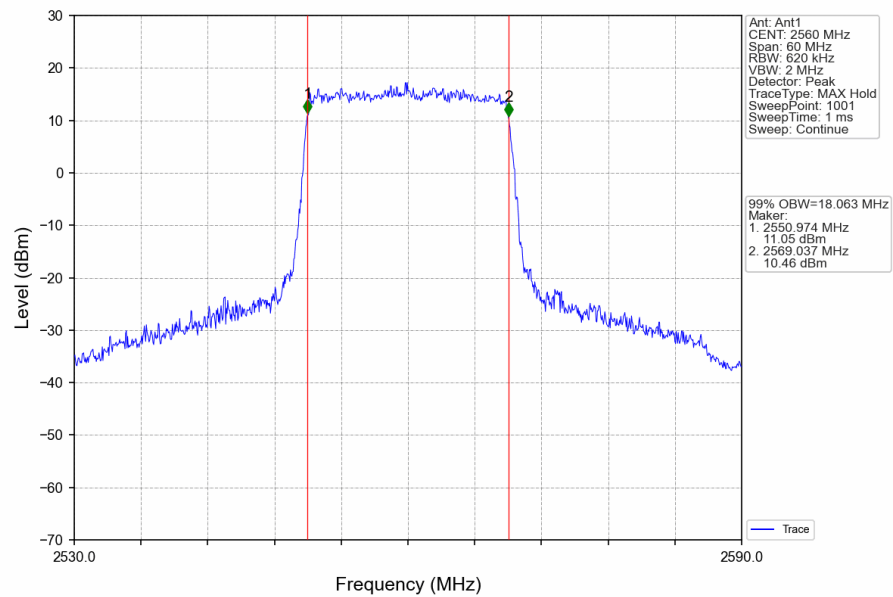
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN

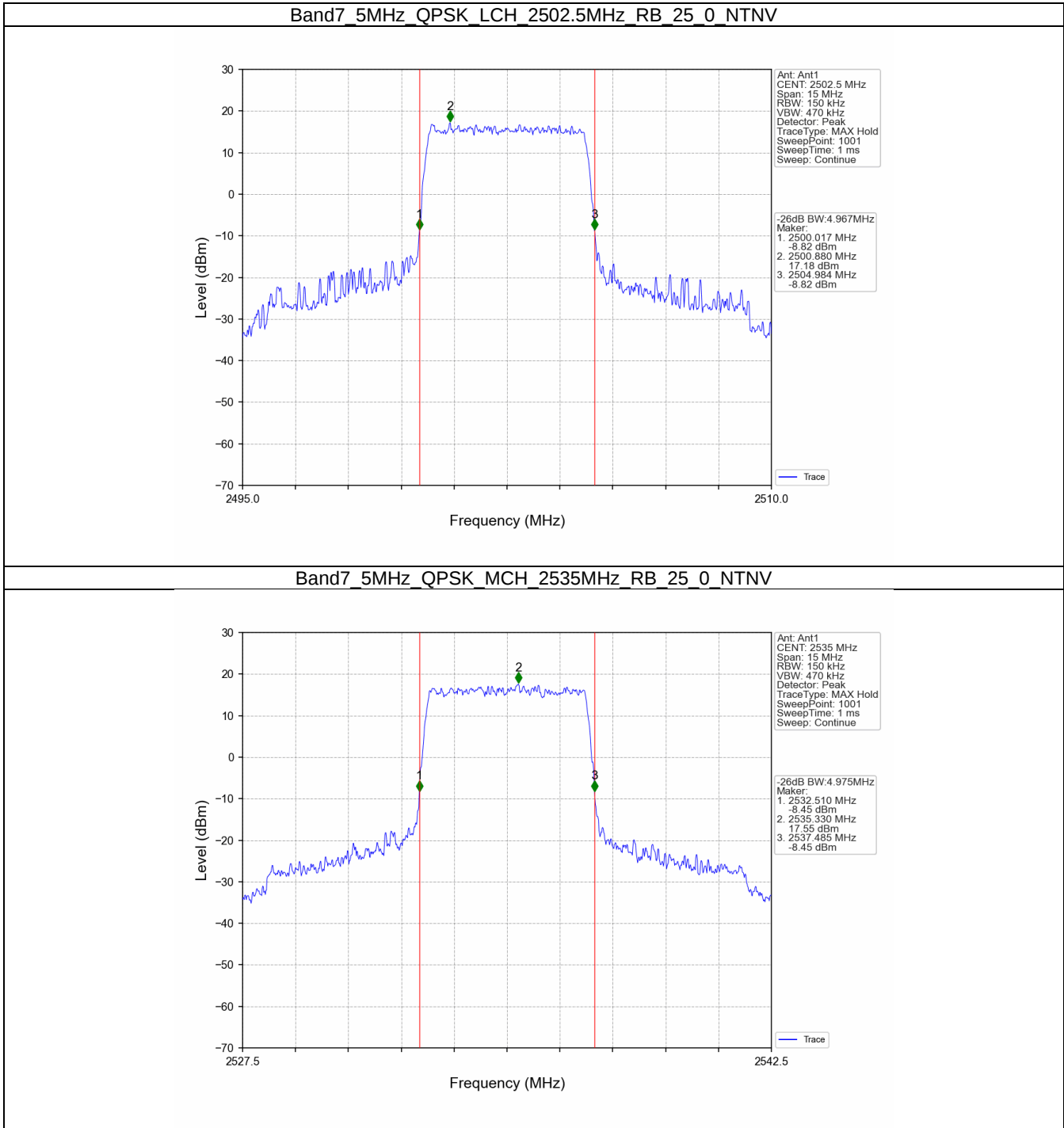


4.2 Band7_XDB

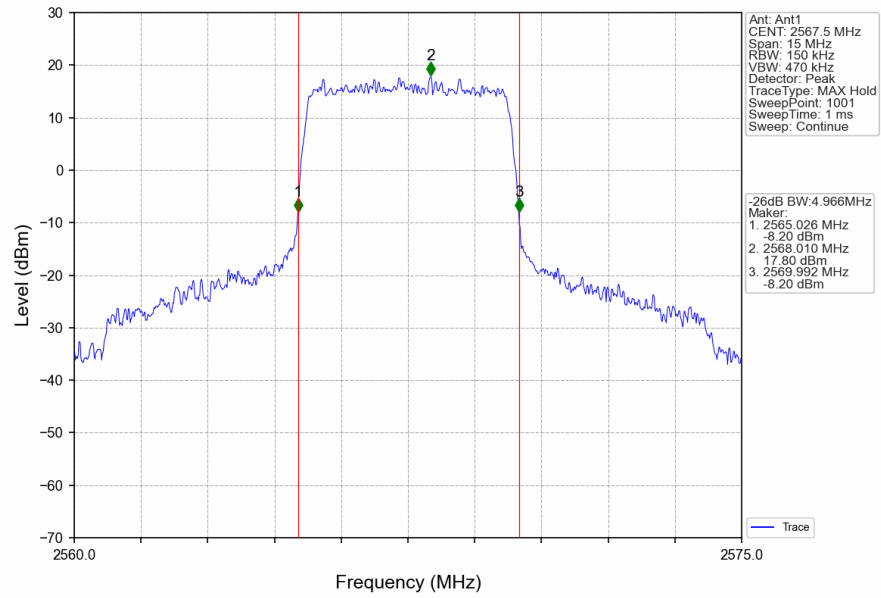
4.2.1 Test Result

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.967	/	Pass
		2535	25	0	4.975	/	Pass
		2567.5	25	0	4.966	/	Pass
	16QAM	2502.5	25	0	4.968	/	Pass
		2535	25	0	4.978	/	Pass
		2567.5	25	0	4.958	/	Pass
10	QPSK	2505	50	0	9.833	/	Pass
		2535	50	0	9.819	/	Pass
		2565	50	0	9.797	/	Pass
	16QAM	2505	50	0	9.852	/	Pass
		2535	50	0	9.779	/	Pass
		2565	50	0	9.804	/	Pass
15	QPSK	2507.5	75	0	14.748	/	Pass
		2535	75	0	14.772	/	Pass
		2562.5	75	0	14.747	/	Pass
	16QAM	2507.5	75	0	14.760	/	Pass
		2535	75	0	14.730	/	Pass
		2562.5	75	0	14.745	/	Pass
20	QPSK	2510	100	0	19.814	/	Pass
		2535	100	0	19.850	/	Pass
		2560	100	0	19.915	/	Pass
	16QAM	2510	100	0	19.875	/	Pass
		2535	100	0	19.754	/	Pass
		2560	100	0	19.776	/	Pass

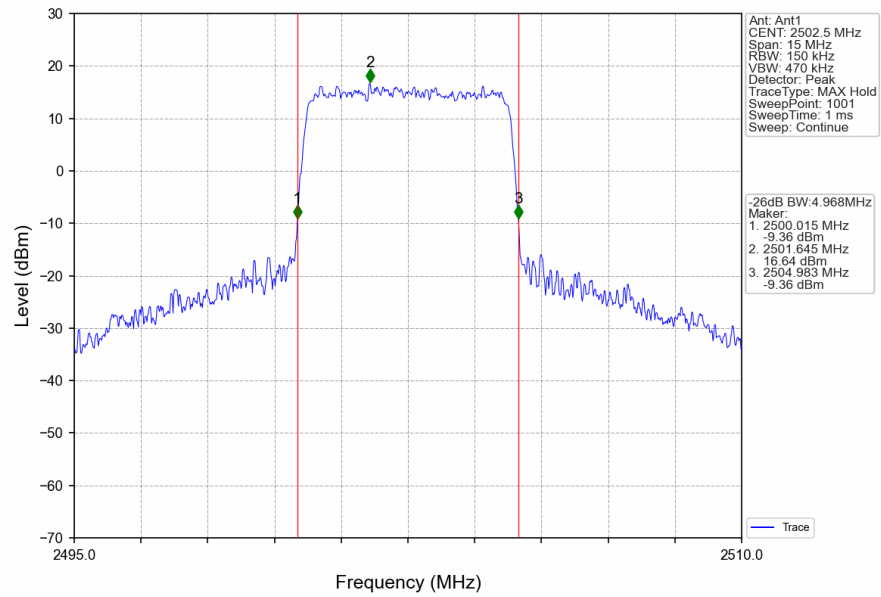
4.2.2 Test Graph



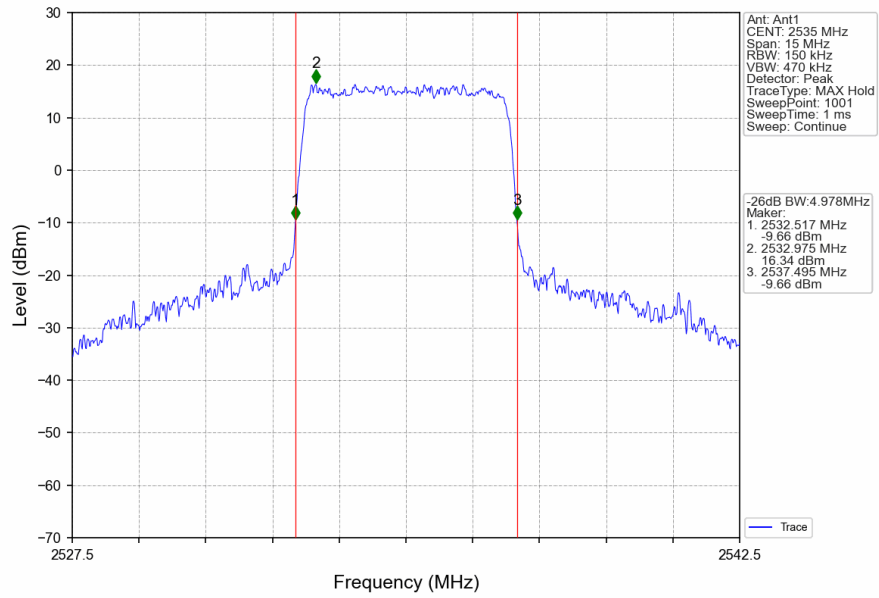
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



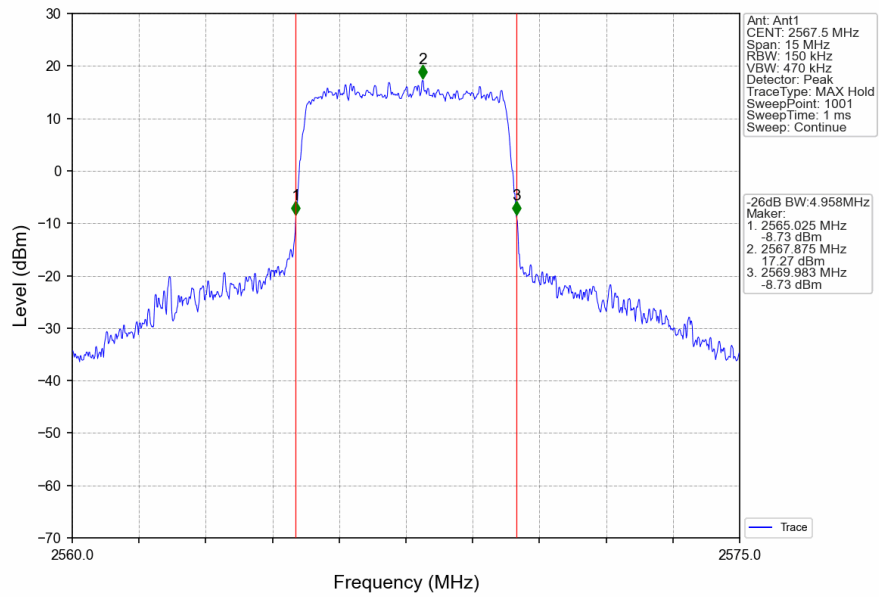
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



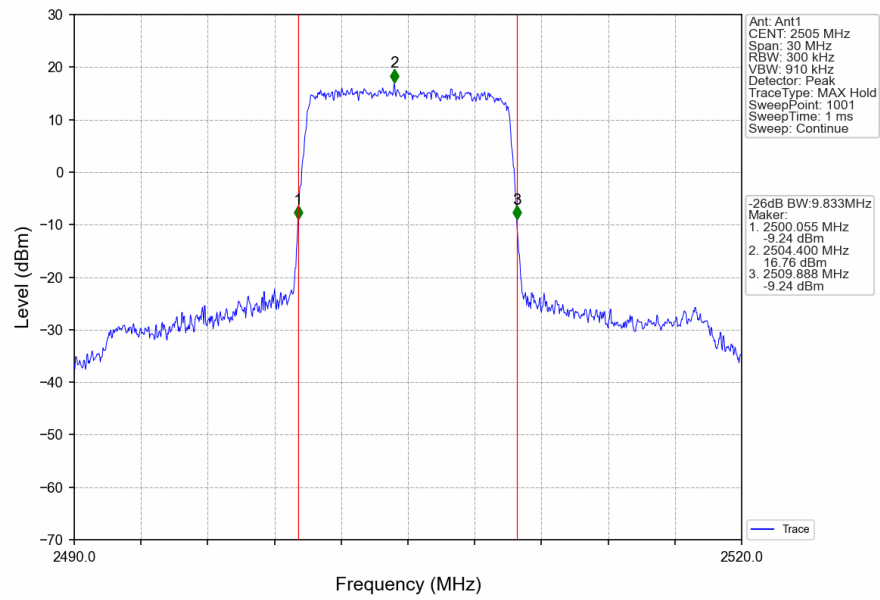
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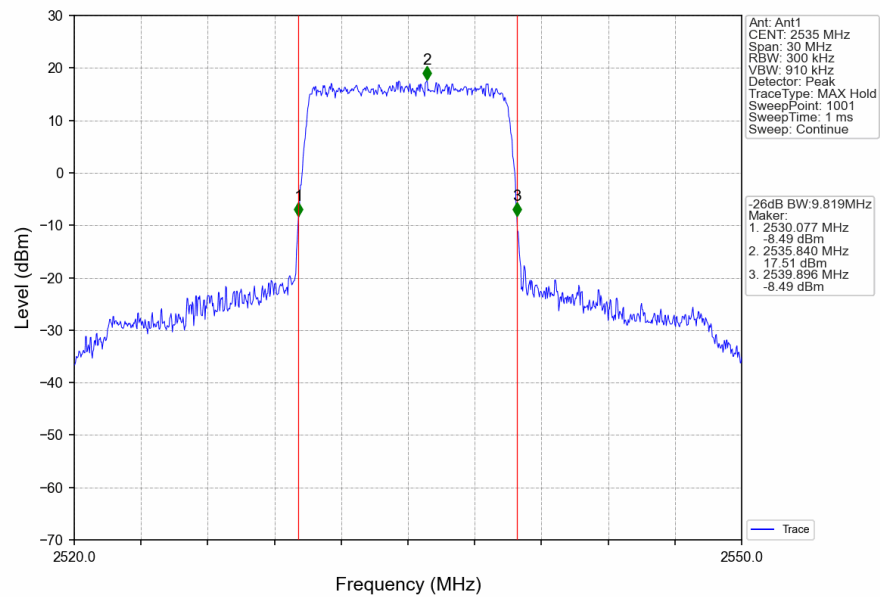
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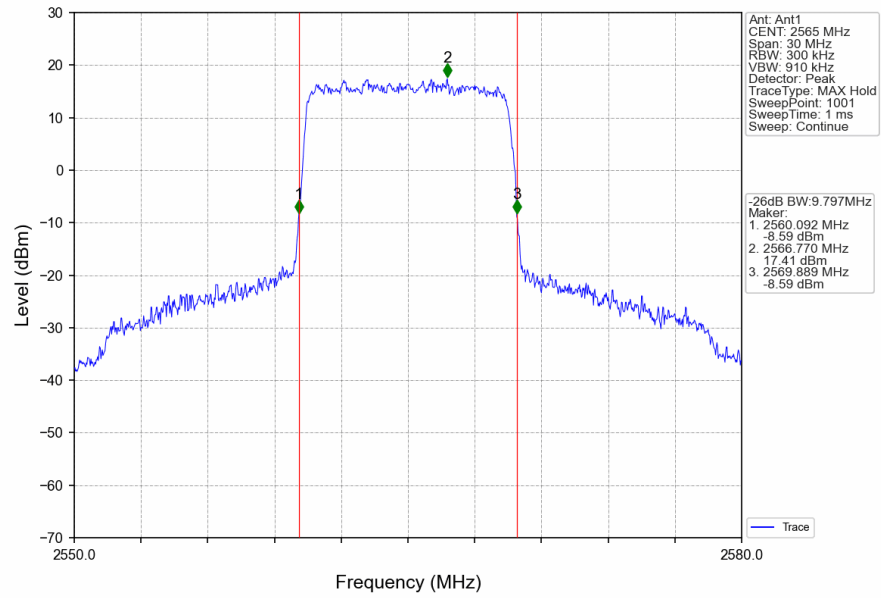
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



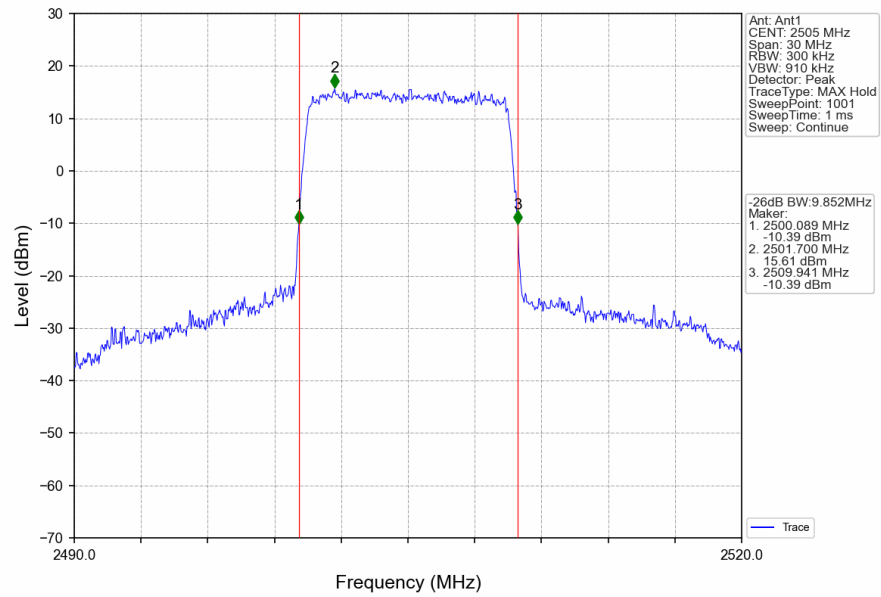
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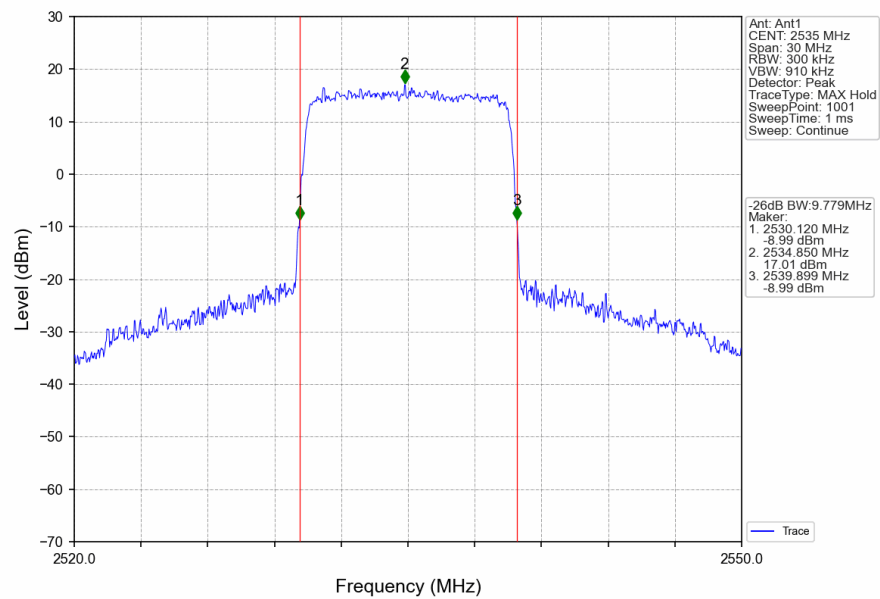
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



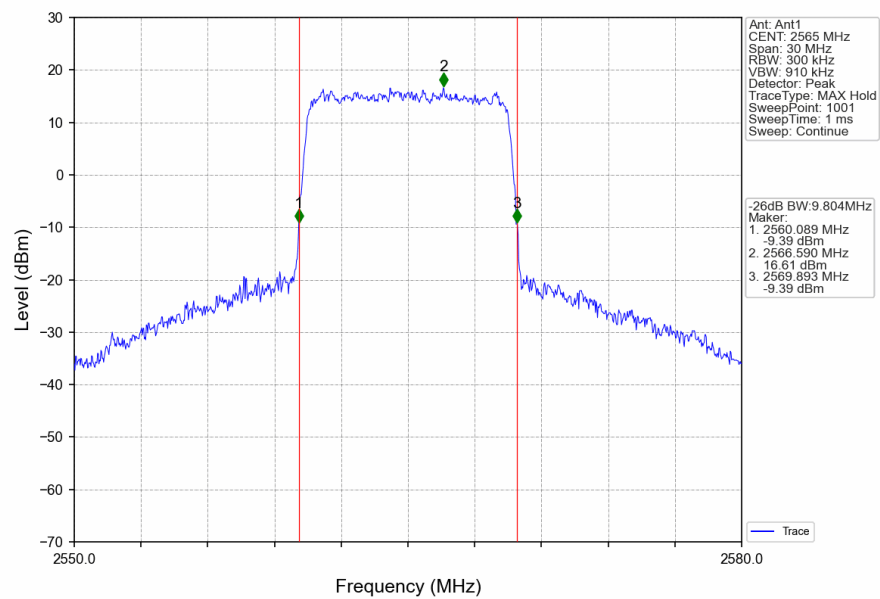
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



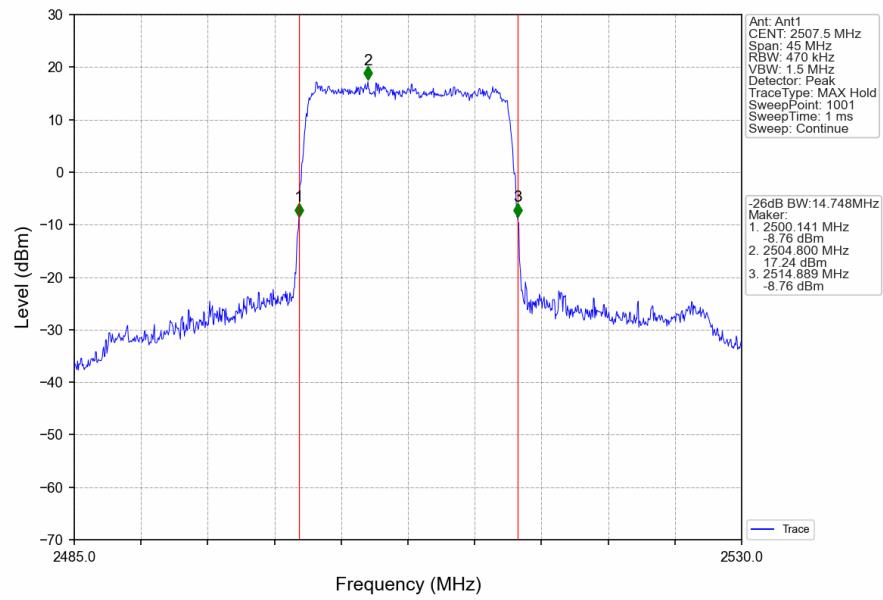
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



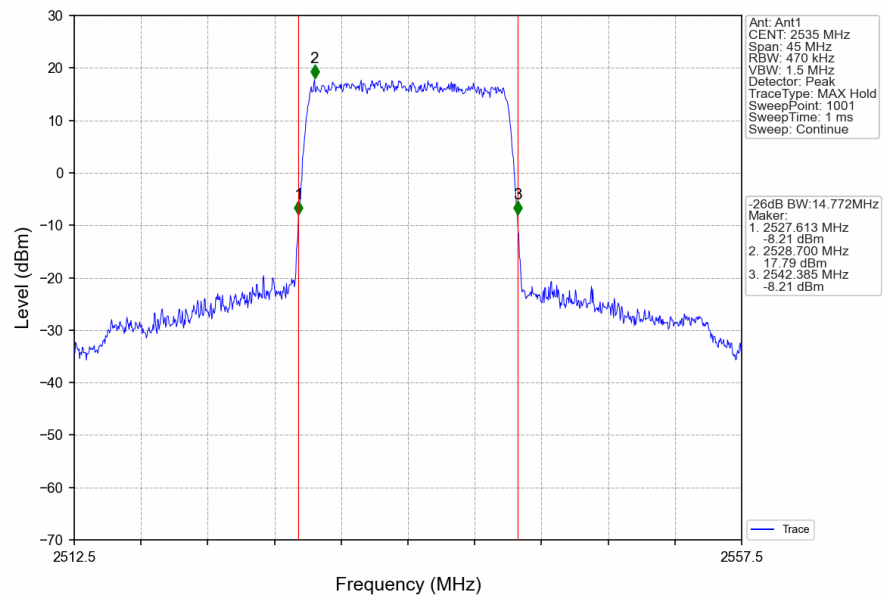
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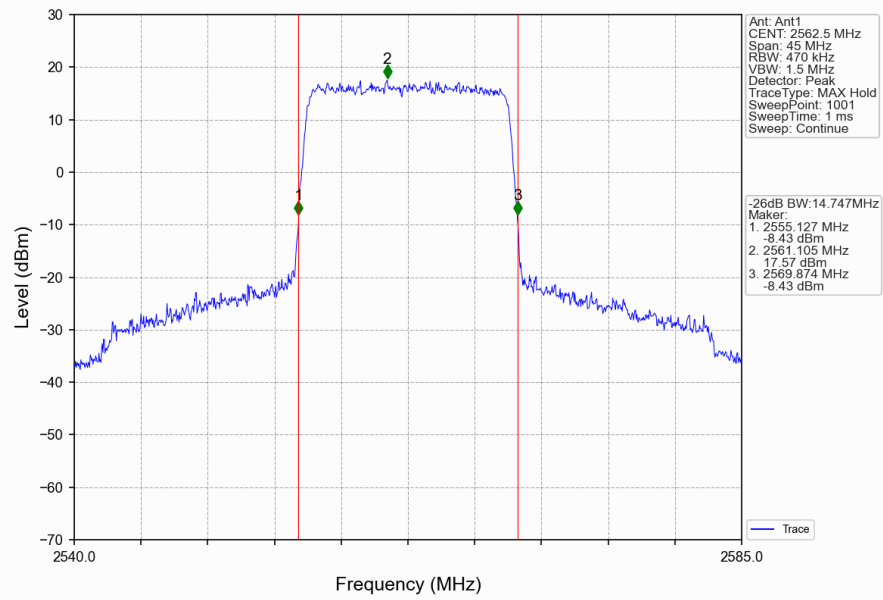
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



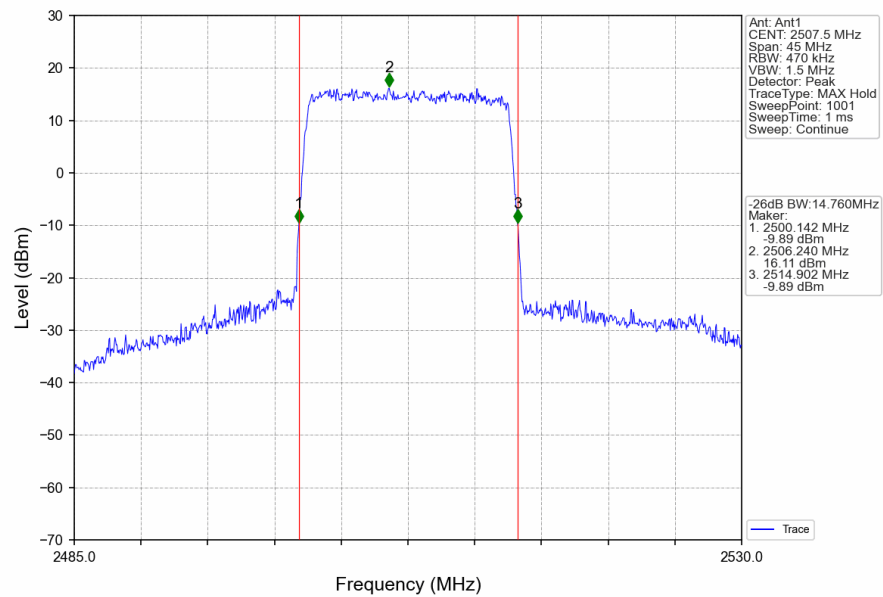
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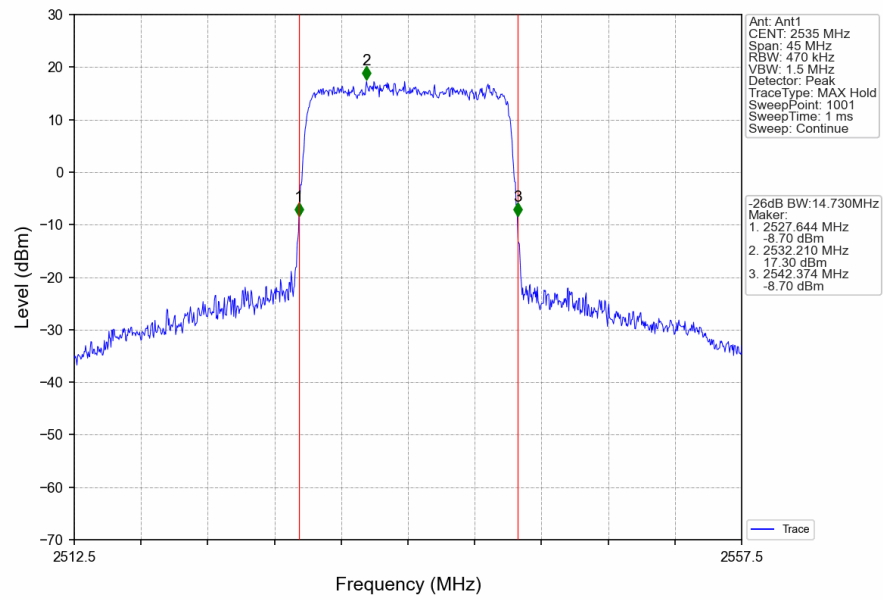
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



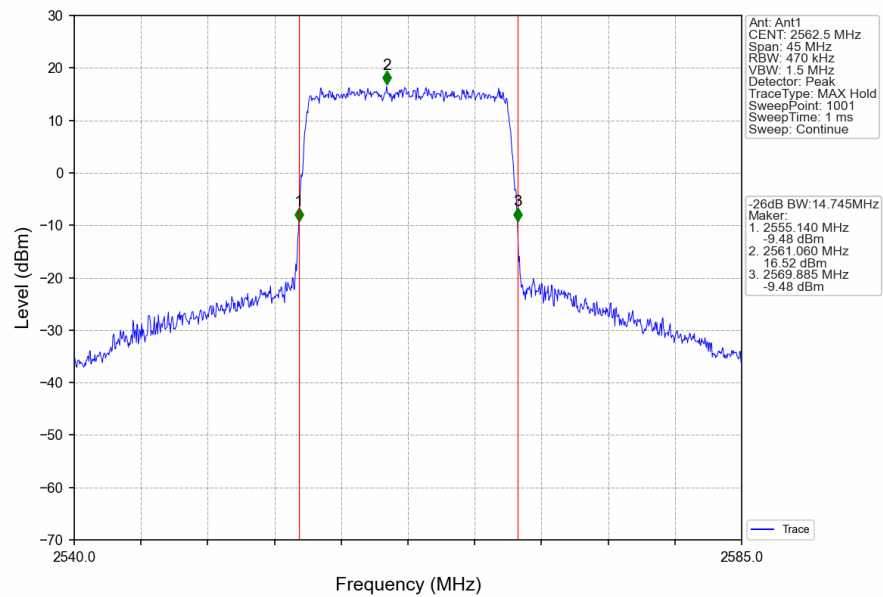
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



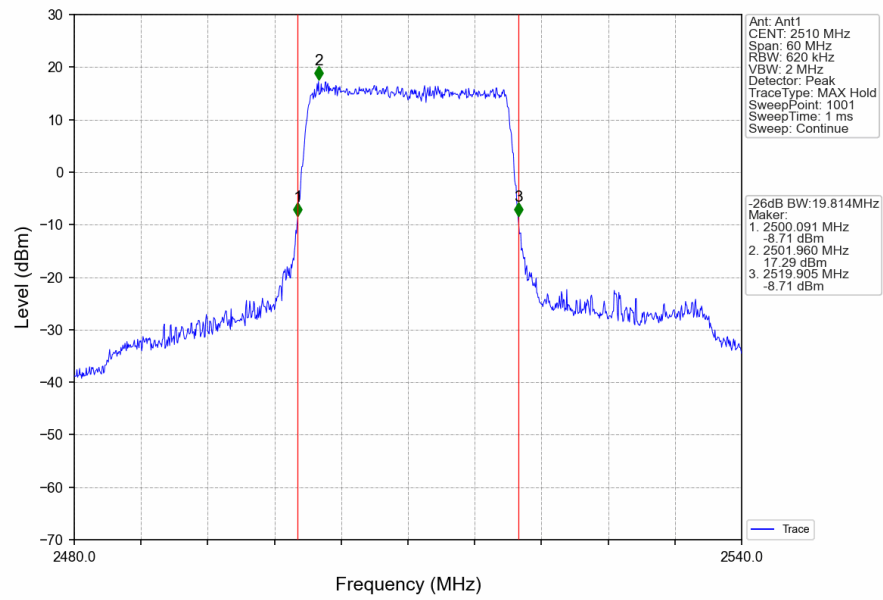
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



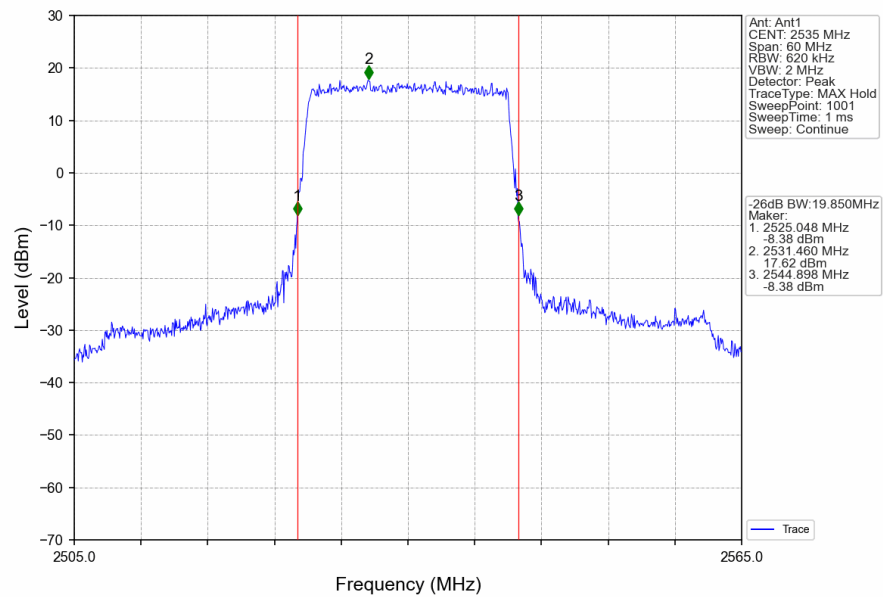
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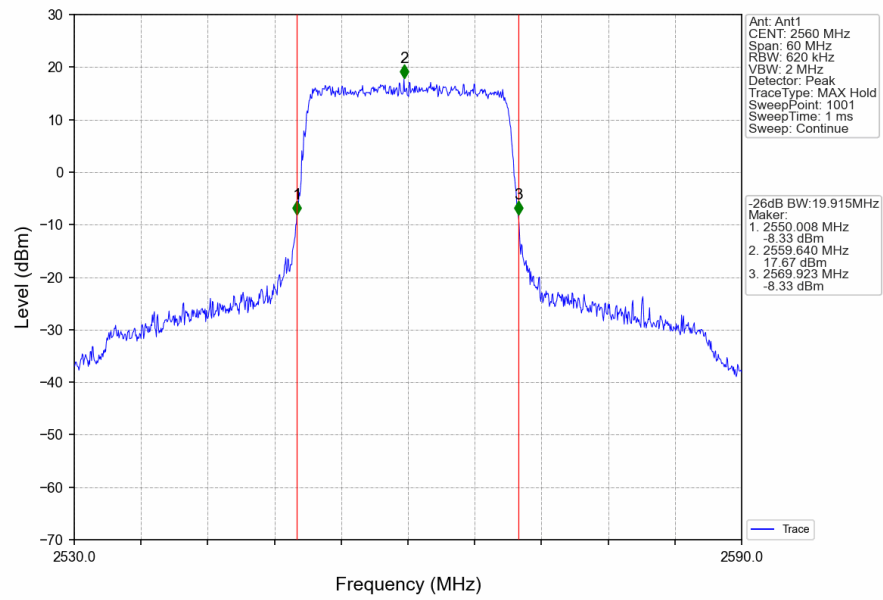
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTN



Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTN

