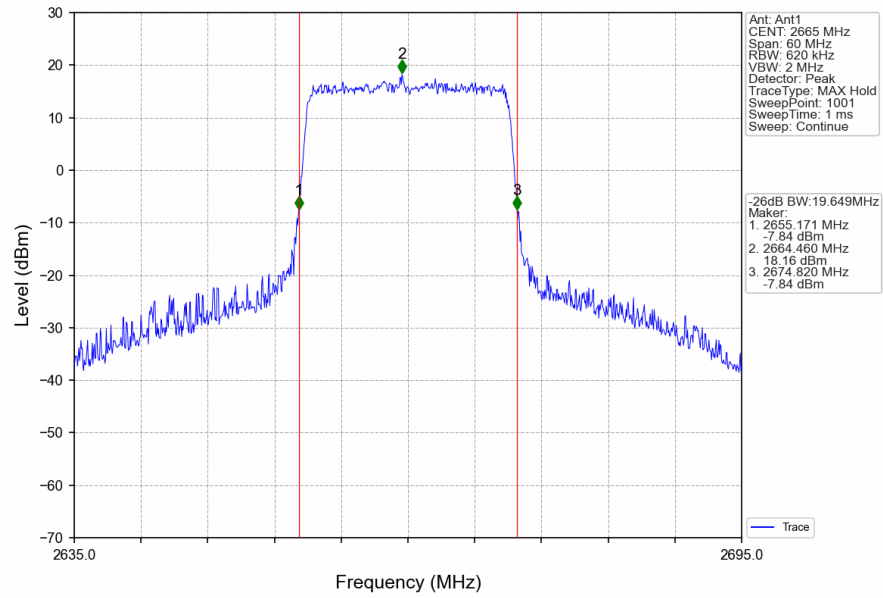
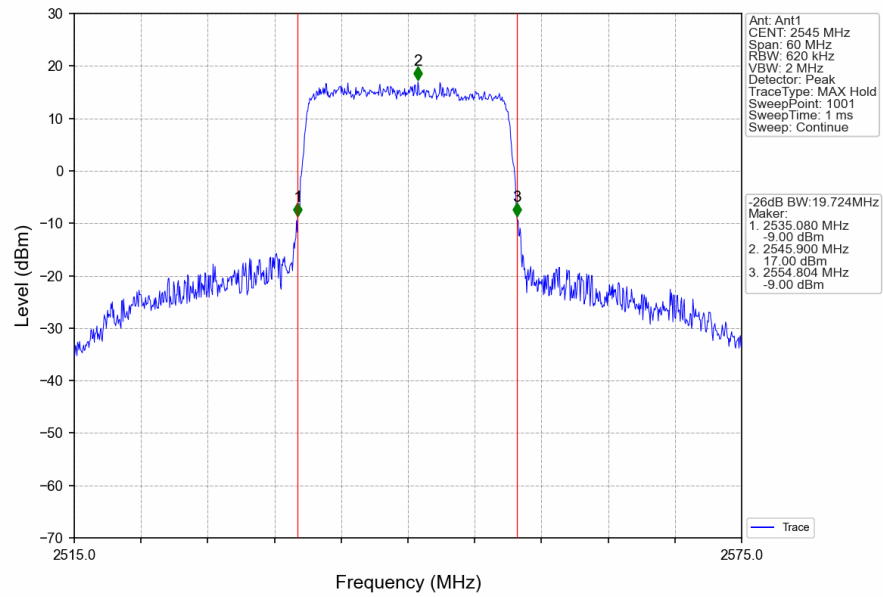


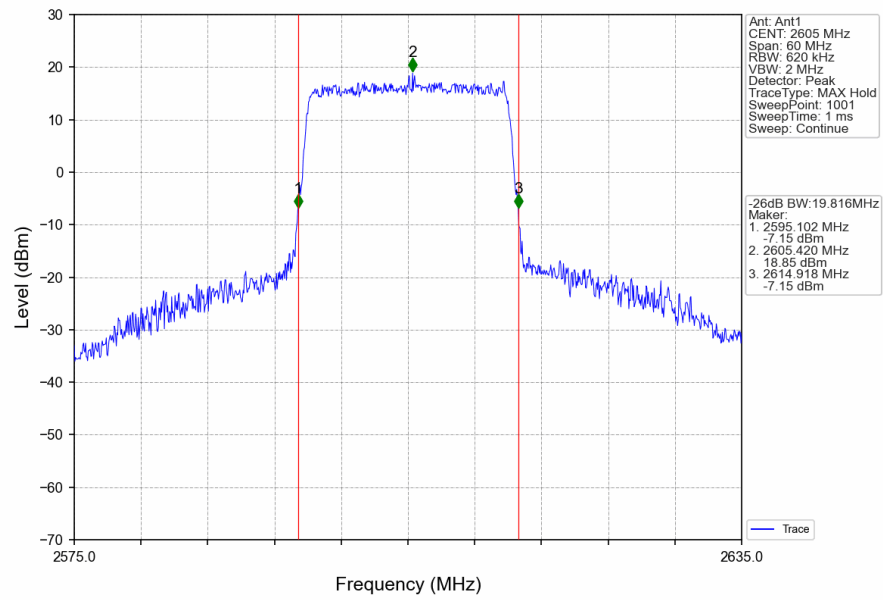
Band41_20MHz_QPSK_HCH_2665MHz_RB_100_0_NTNV



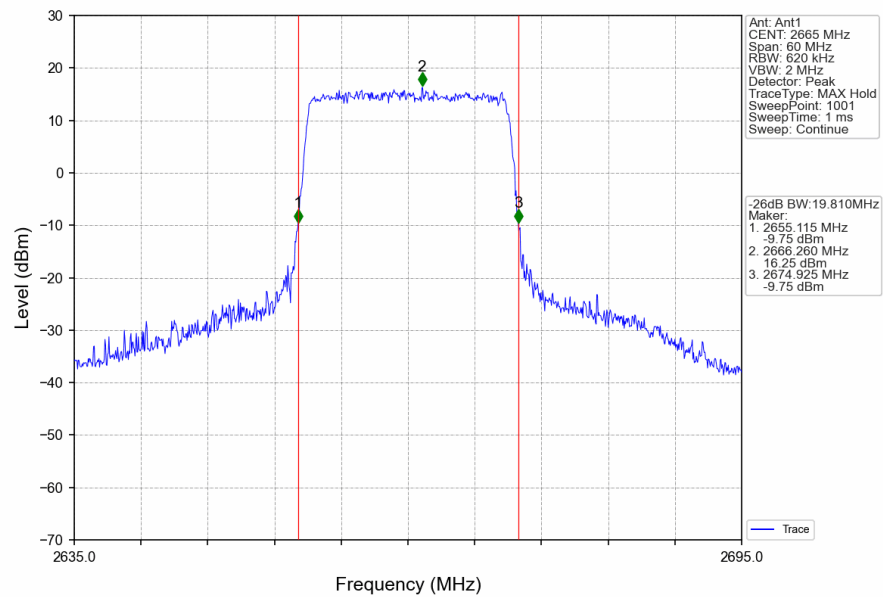
Band41_20MHz_16QAM_LCH_2545MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2665MHz_RB_100_0_NTNV



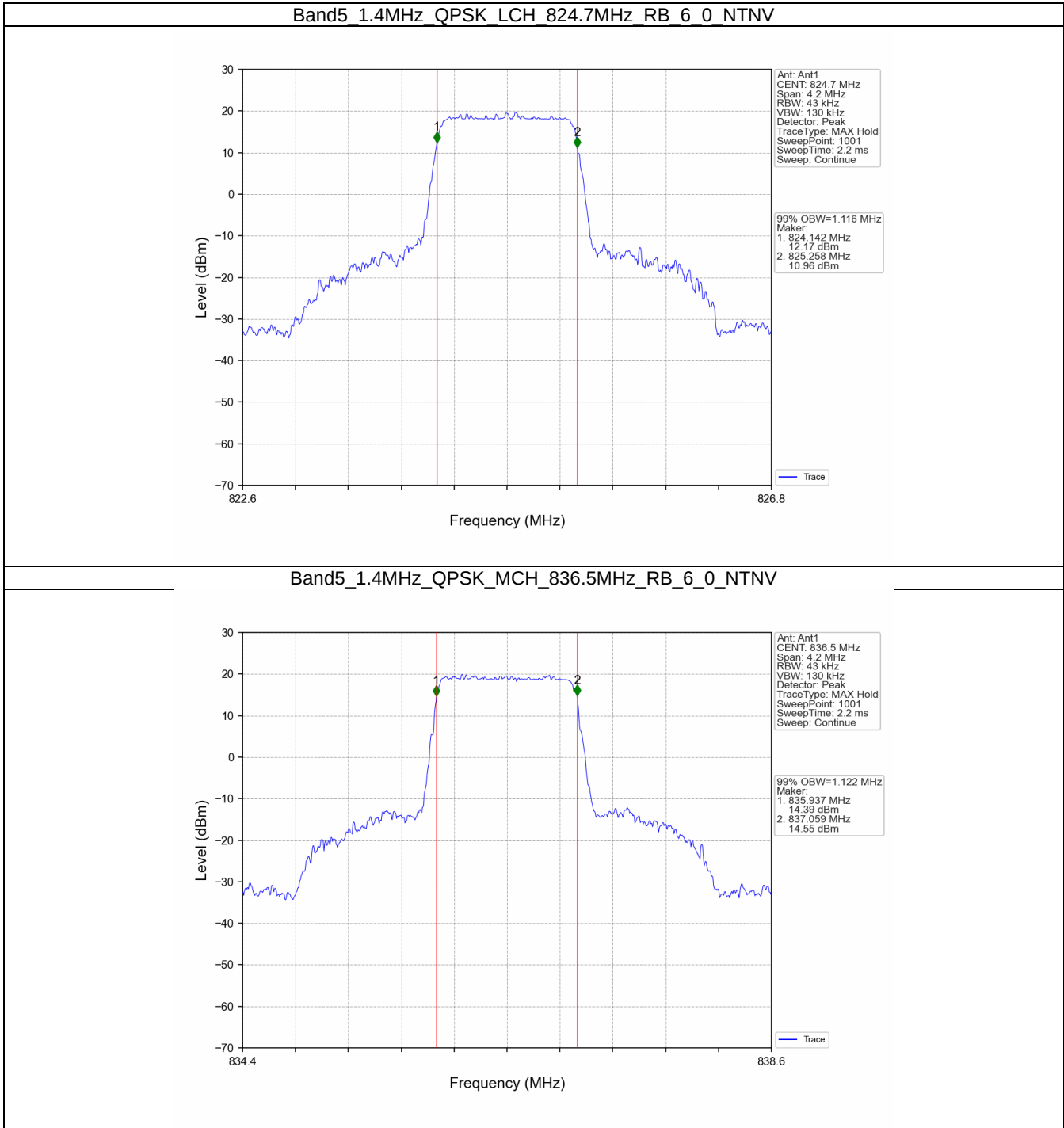
3. 99% & 26dB Bandwidth

3.1 Band5_OBW

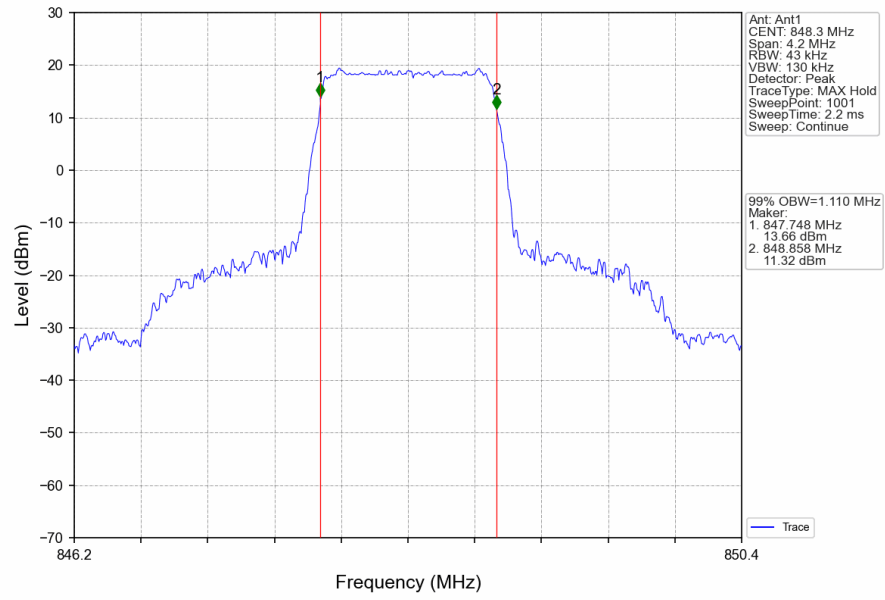
3.1.1 Test Result

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	1.116	/	Pass
		836.5	6	0	1.122	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.122	/	Pass
		848.3	6	0	1.134	/	Pass
3	QPSK	825.5	15	0	2.739	/	Pass
		836.5	15	0	2.739	/	Pass
		847.5	15	0	2.744	/	Pass
	16QAM	825.5	15	0	2.753	/	Pass
		836.5	15	0	2.740	/	Pass
		847.5	15	0	2.733	/	Pass
5	QPSK	826.5	25	0	4.547	/	Pass
		836.5	25	0	4.534	/	Pass
		846.5	25	0	4.545	/	Pass
	16QAM	826.5	25	0	4.531	/	Pass
		836.5	25	0	4.542	/	Pass
		846.5	25	0	4.550	/	Pass
10	QPSK	829	50	0	9.032	/	Pass
		836.5	50	0	9.019	/	Pass
		844	50	0	9.068	/	Pass
	16QAM	829	50	0	9.035	/	Pass
		836.5	50	0	9.013	/	Pass
		844	50	0	9.008	/	Pass

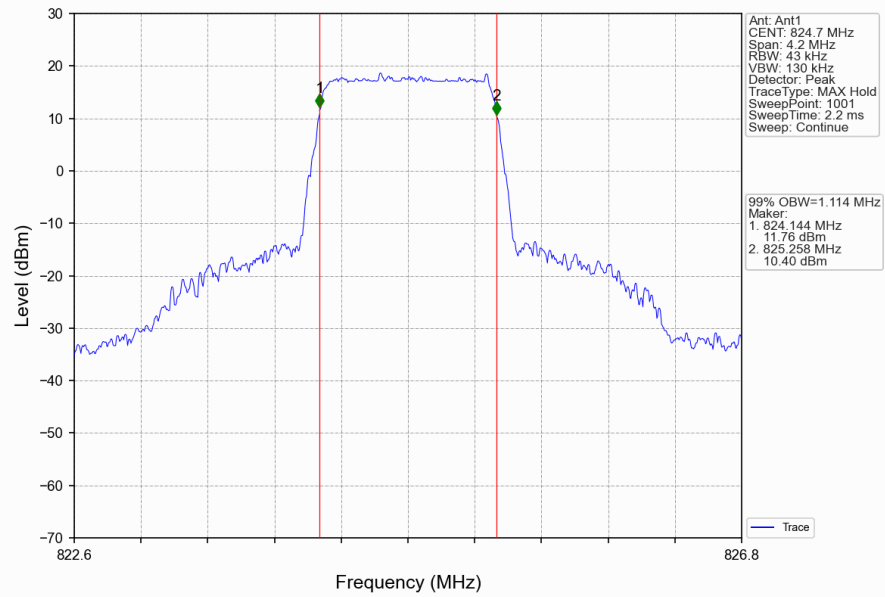
3.1.2 Test Graph



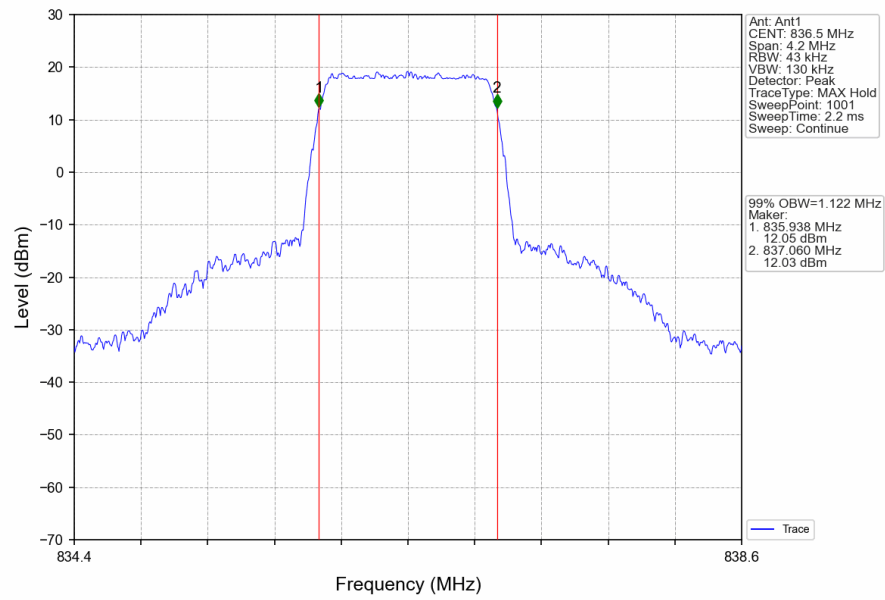
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



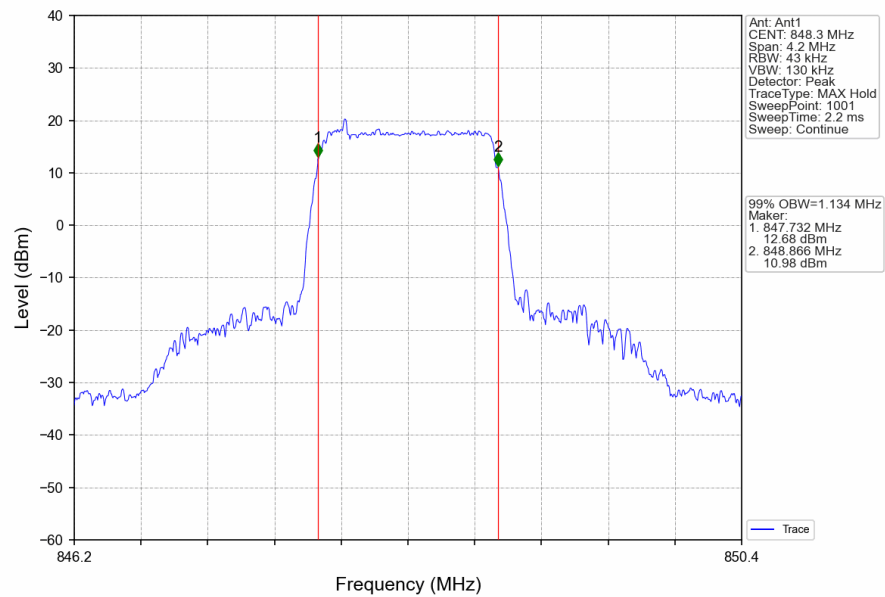
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



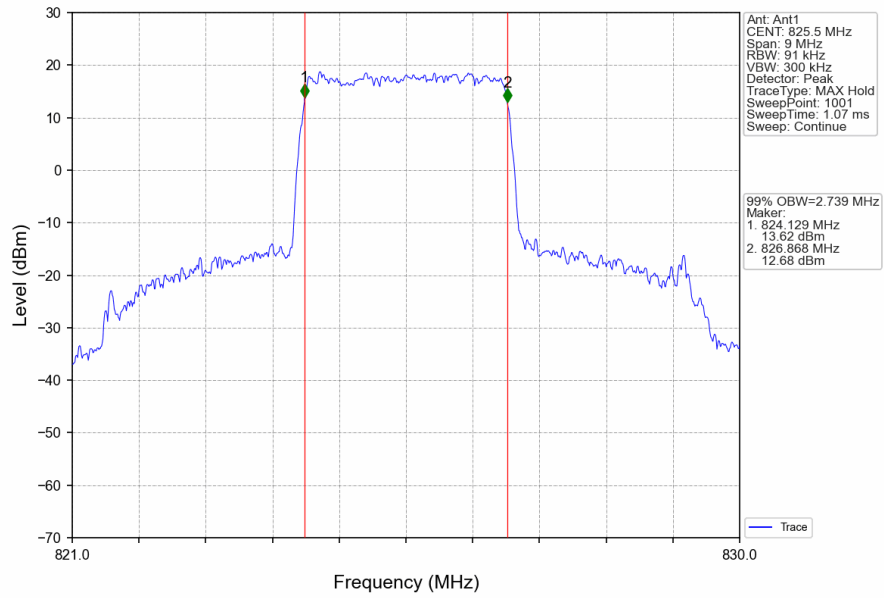
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



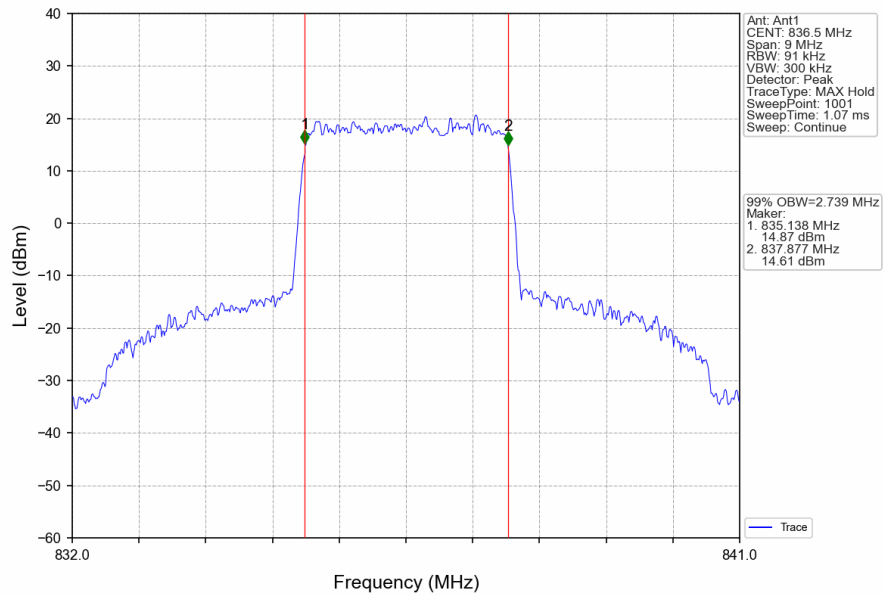
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



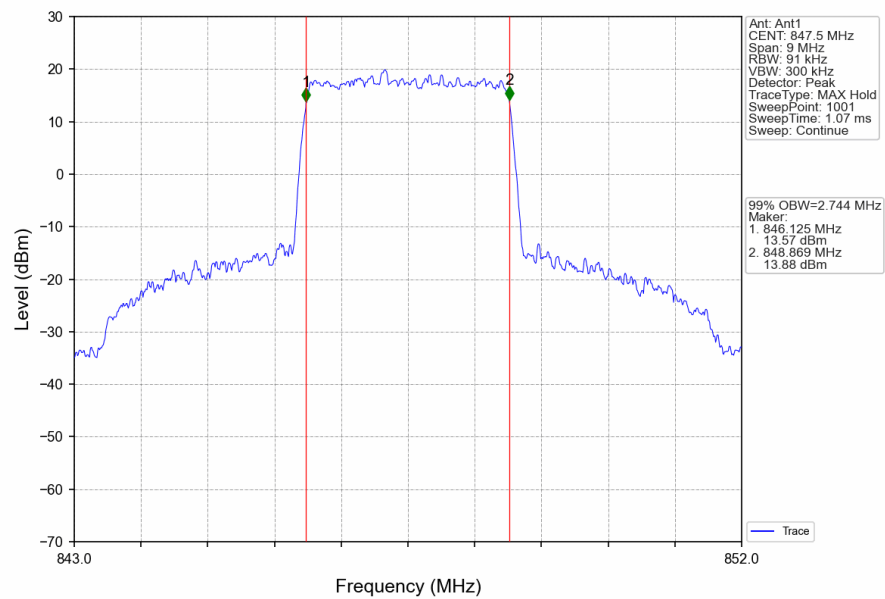
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



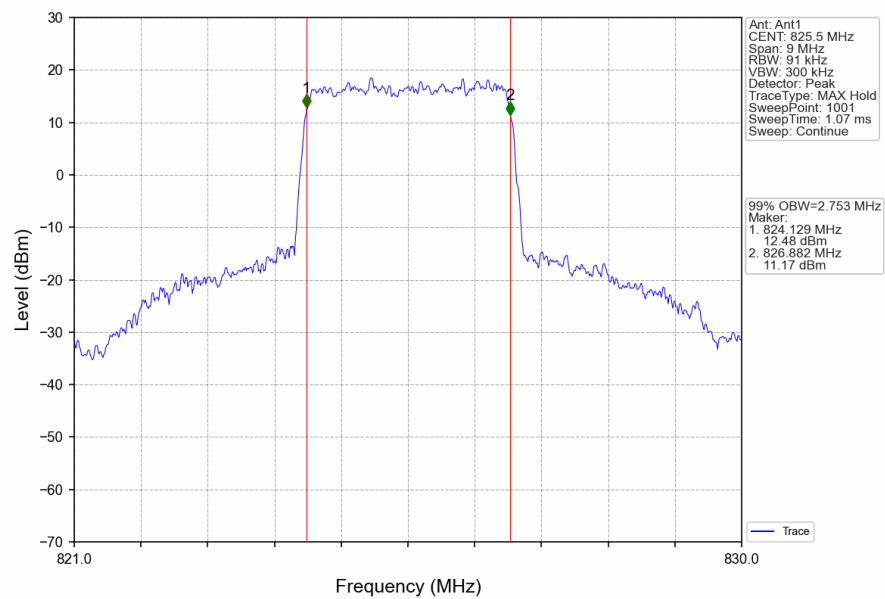
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



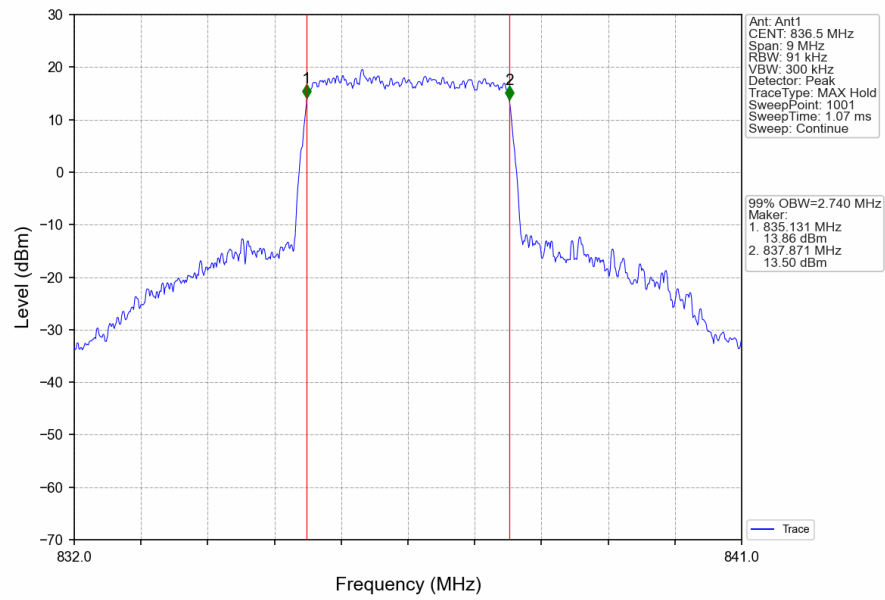
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



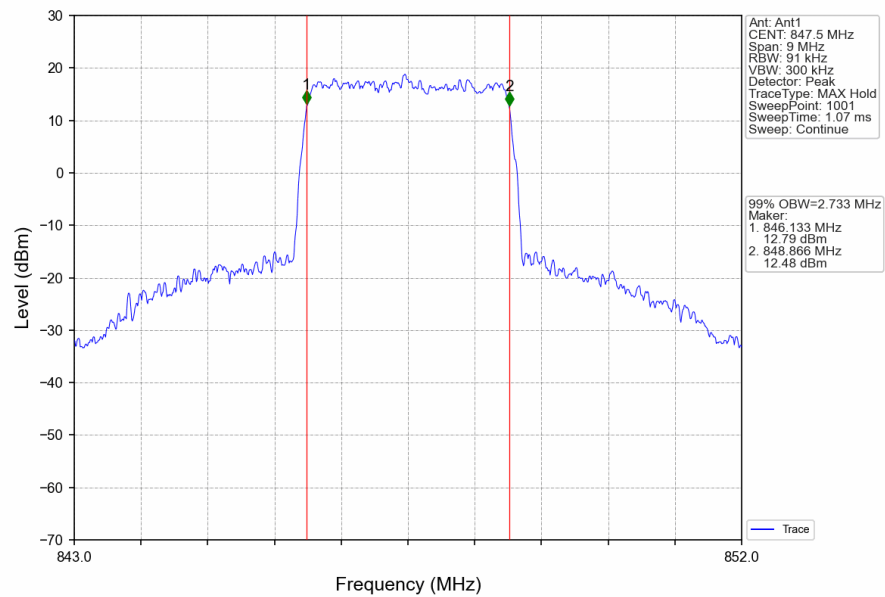
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



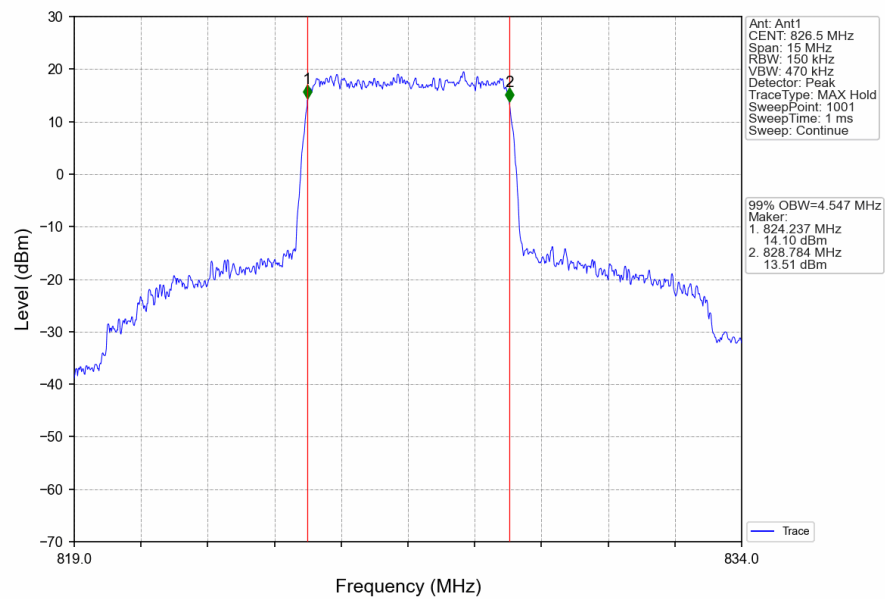
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



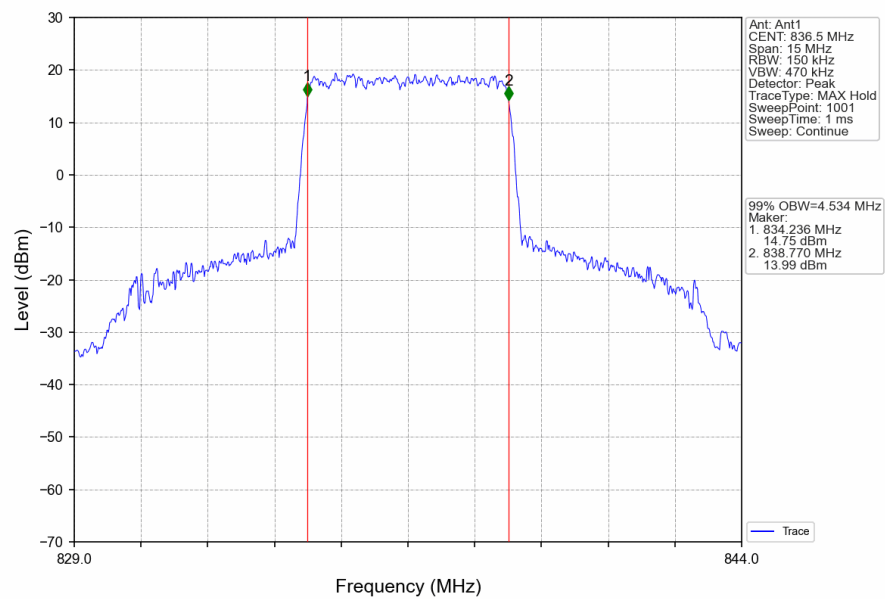
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



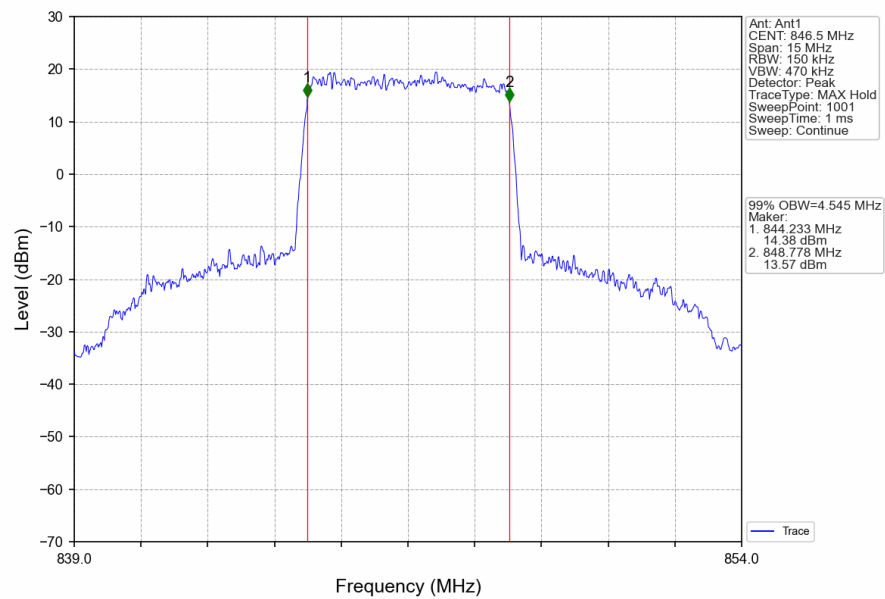
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



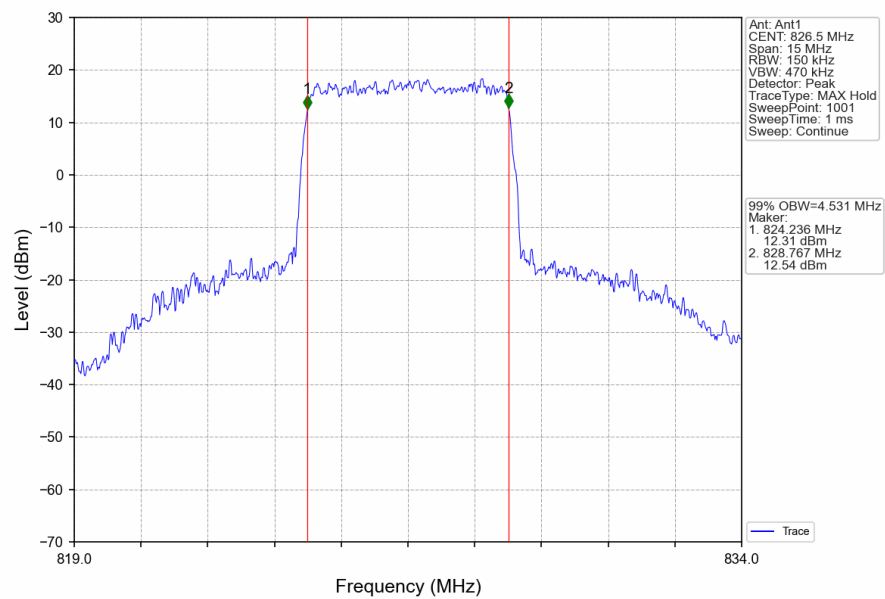
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



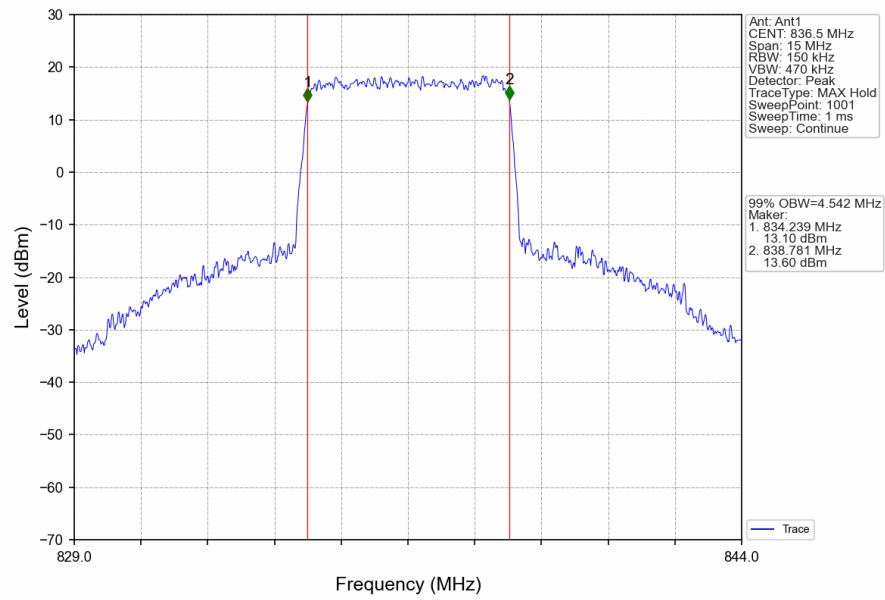
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



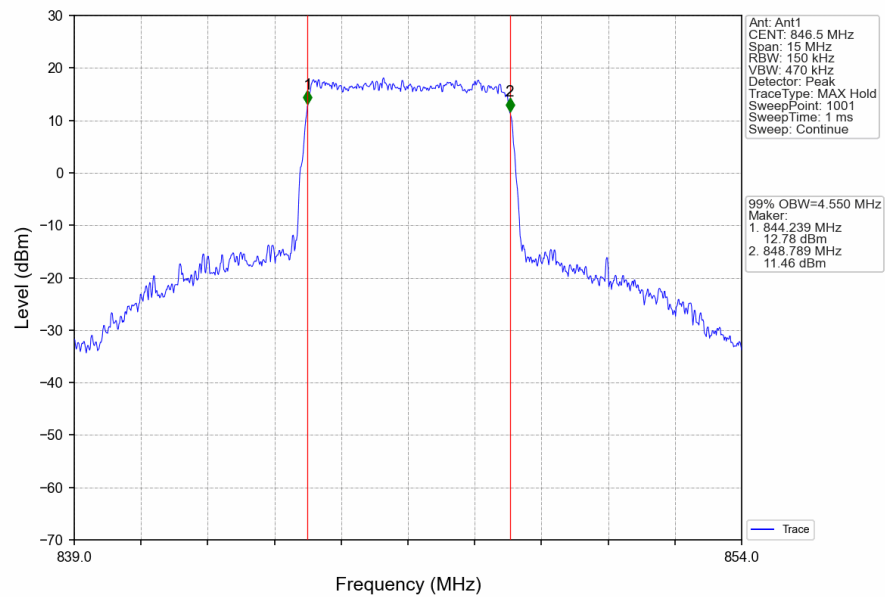
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



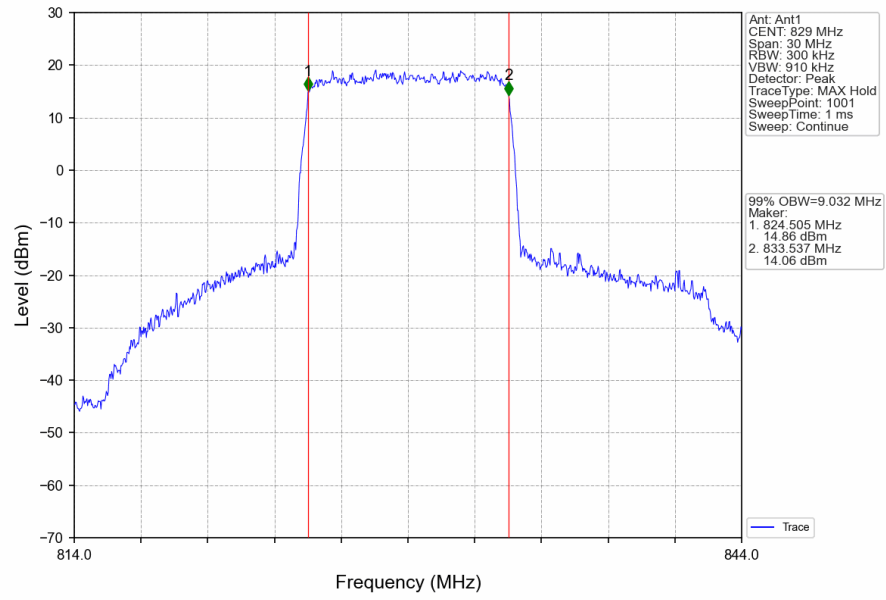
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



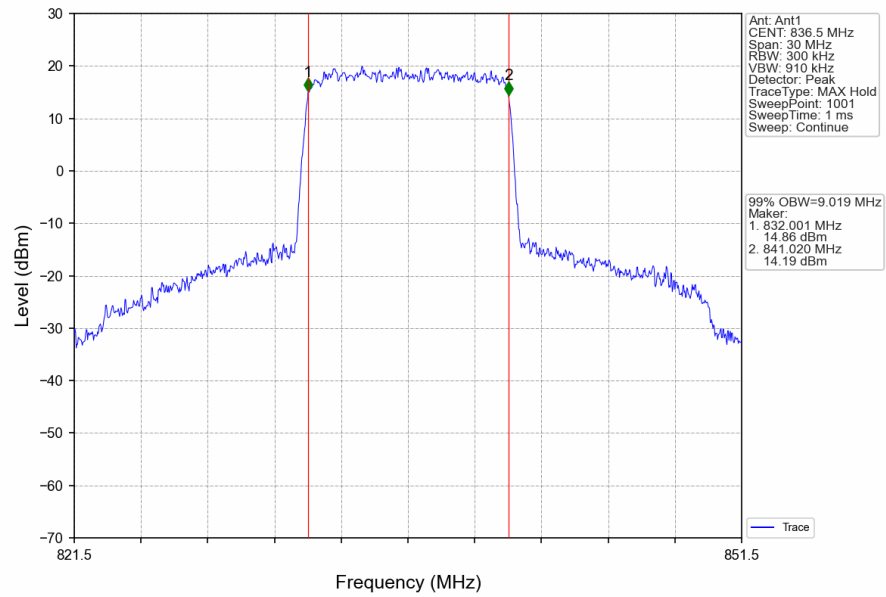
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



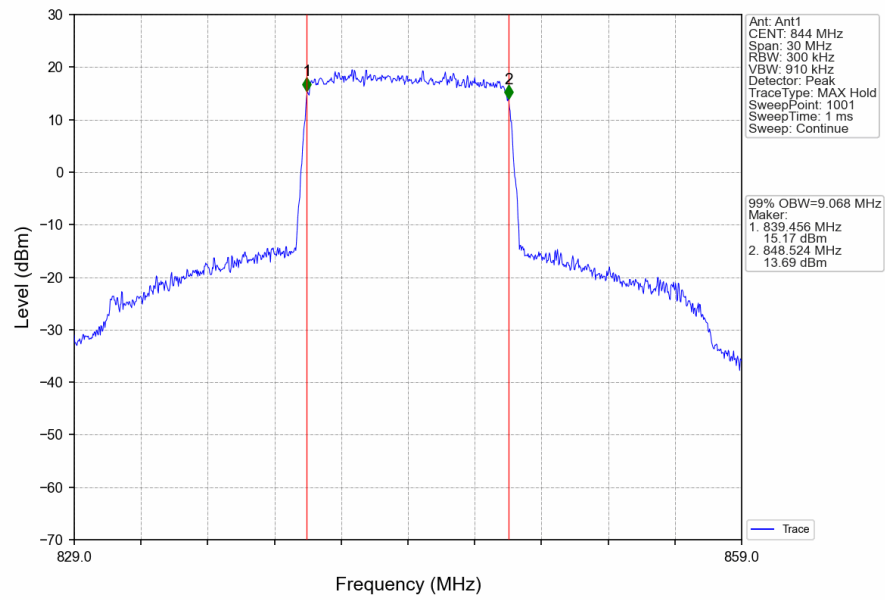
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



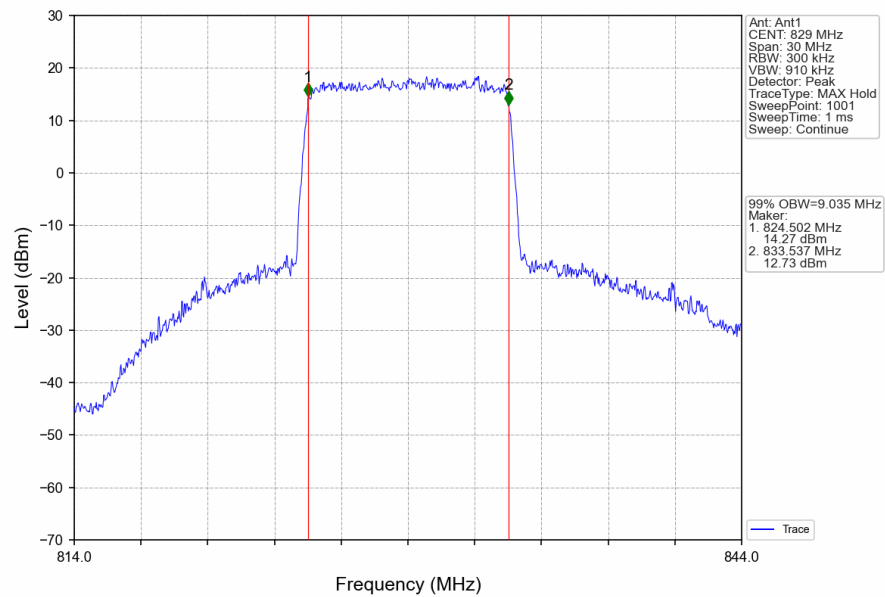
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



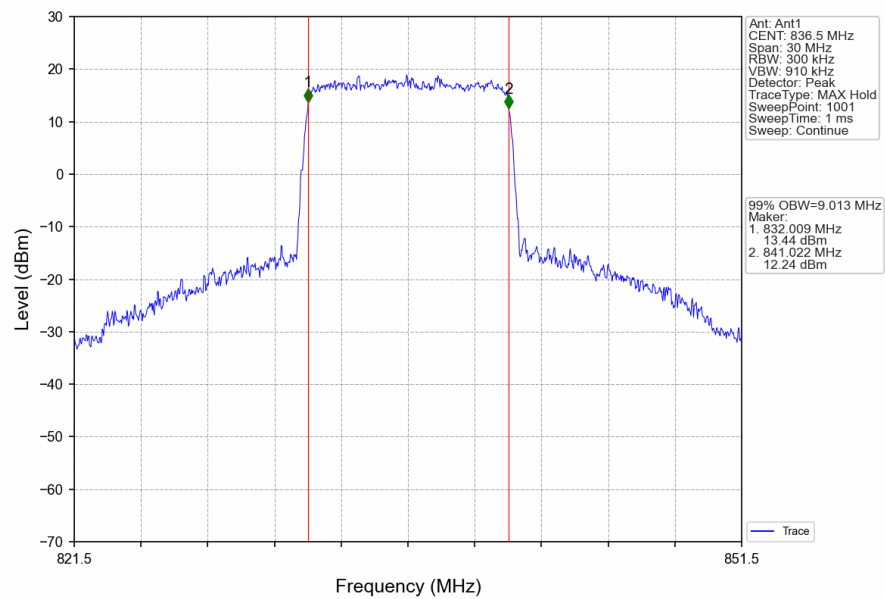
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



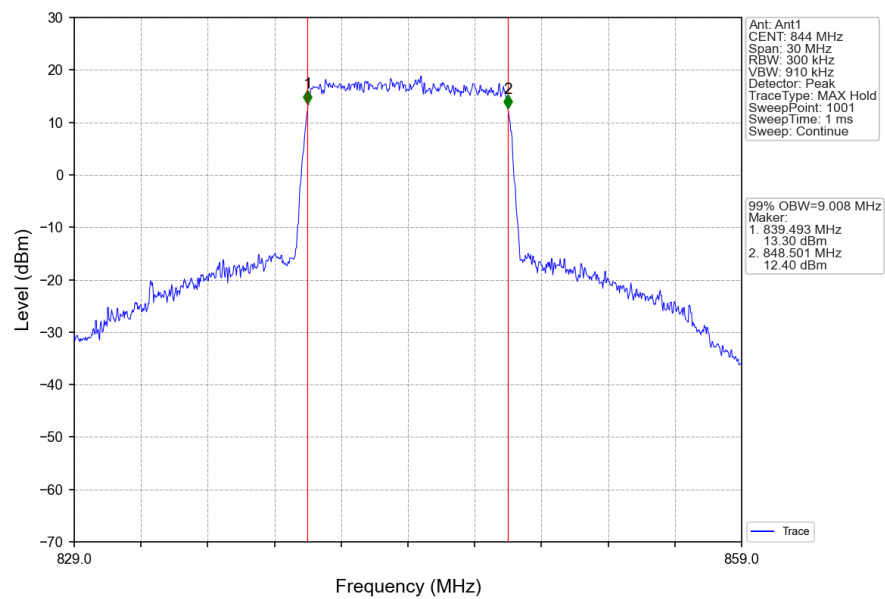
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

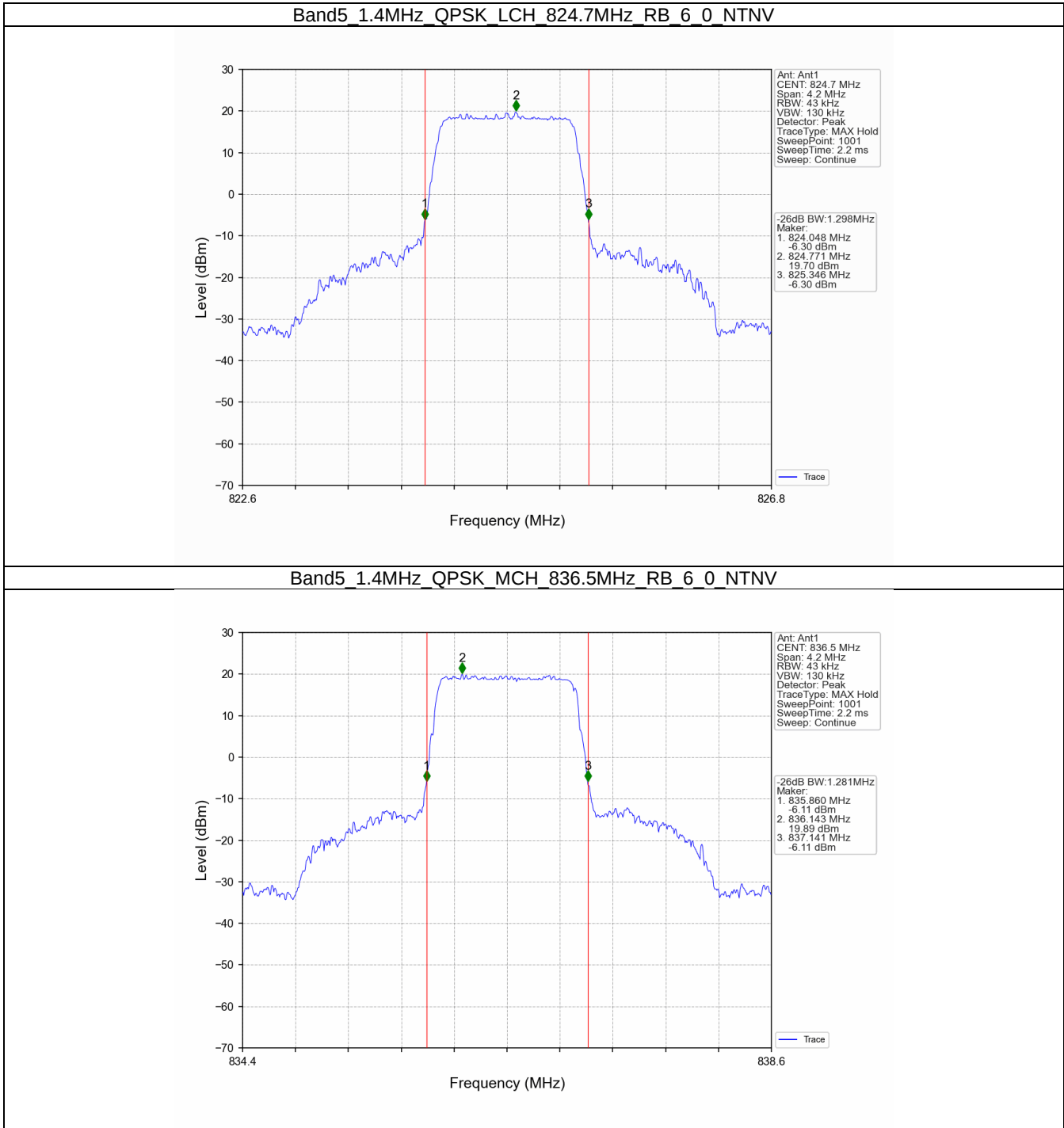


3.2 Band5_XDB

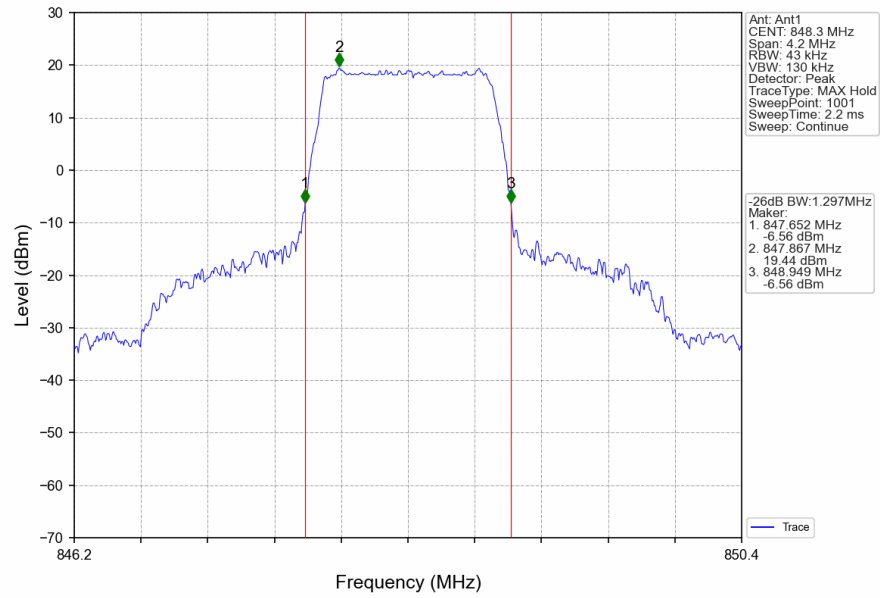
3.2.1 Test Result

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	1.298	/	Pass
		836.5	6	0	1.281	/	Pass
		848.3	6	0	1.297	/	Pass
	16QAM	824.7	6	0	1.290	/	Pass
		836.5	6	0	1.291	/	Pass
		848.3	6	0	1.289	/	Pass
3	QPSK	825.5	15	0	3.000	/	Pass
		836.5	15	0	2.986	/	Pass
		847.5	15	0	2.994	/	Pass
	16QAM	825.5	15	0	3.012	/	Pass
		836.5	15	0	2.997	/	Pass
		847.5	15	0	2.993	/	Pass
5	QPSK	826.5	25	0	4.957	/	Pass
		836.5	25	0	4.989	/	Pass
		846.5	25	0	4.960	/	Pass
	16QAM	826.5	25	0	4.945	/	Pass
		836.5	25	0	4.973	/	Pass
		846.5	25	0	4.966	/	Pass
10	QPSK	829	50	0	9.836	/	Pass
		836.5	50	0	9.788	/	Pass
		844	50	0	9.845	/	Pass
	16QAM	829	50	0	9.832	/	Pass
		836.5	50	0	9.778	/	Pass
		844	50	0	9.792	/	Pass

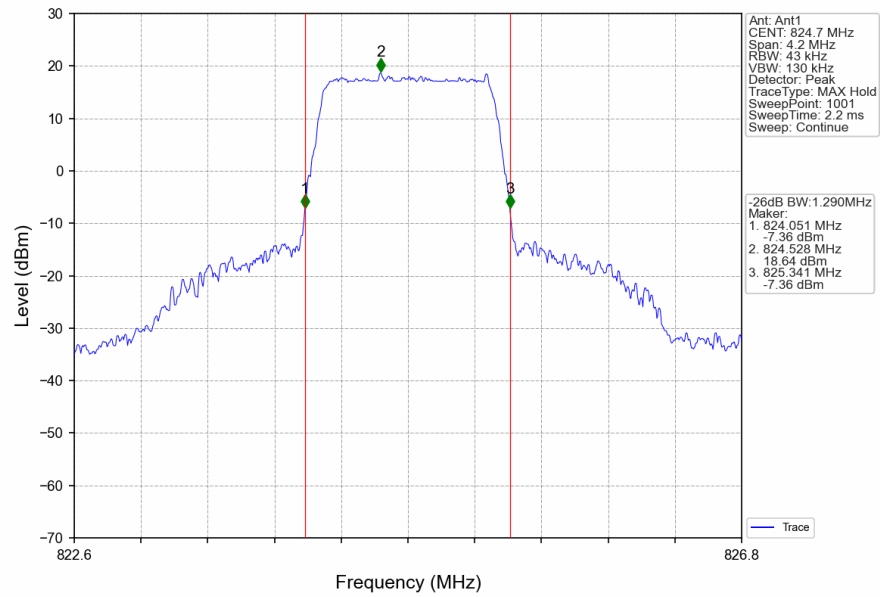
3.2.2 Test Graph



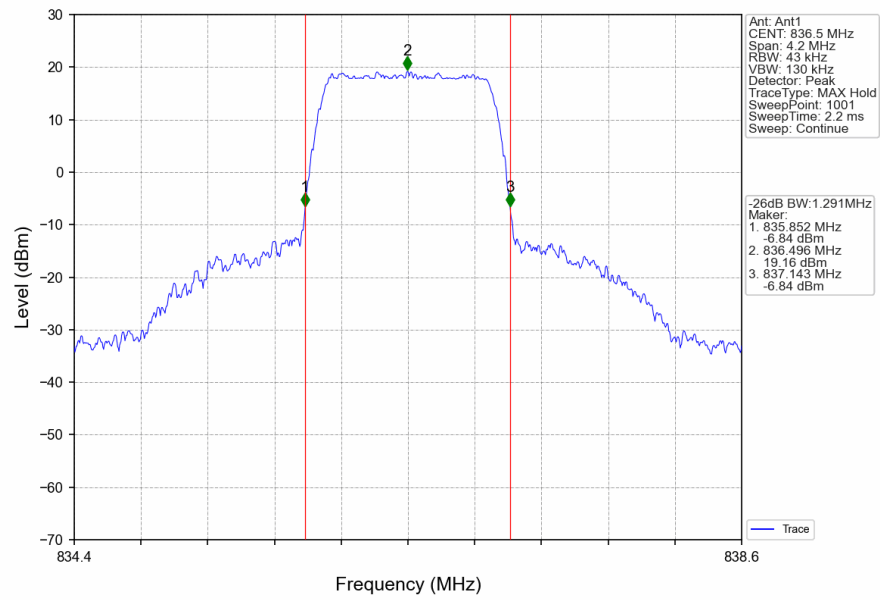
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



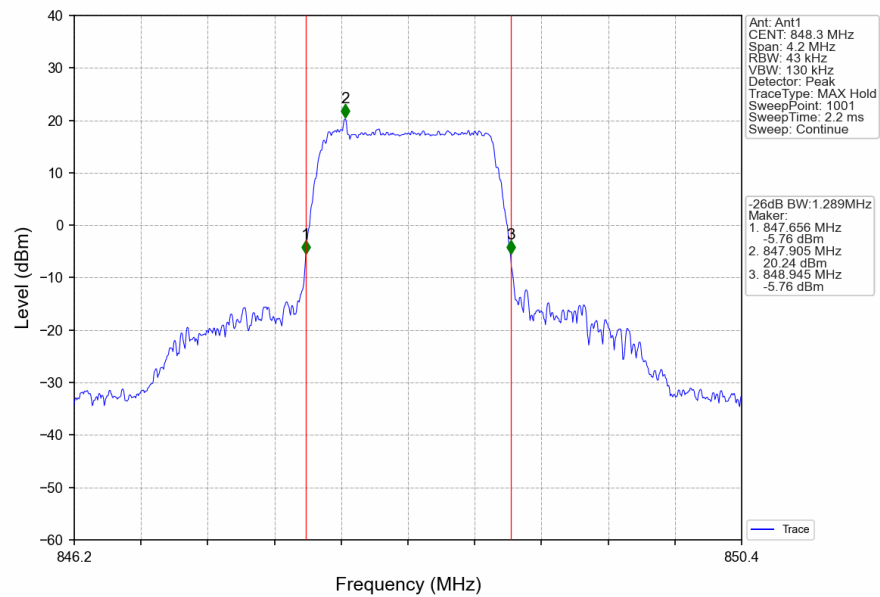
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



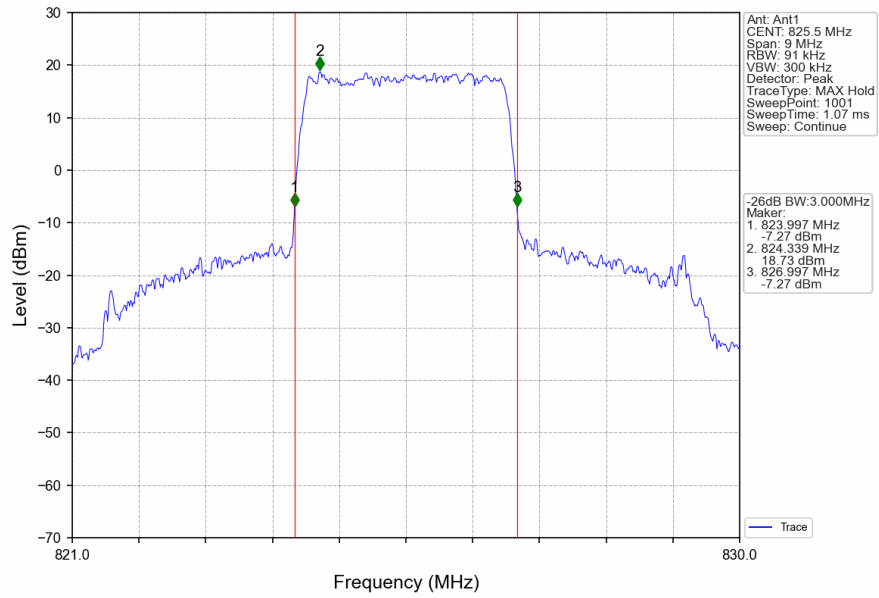
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



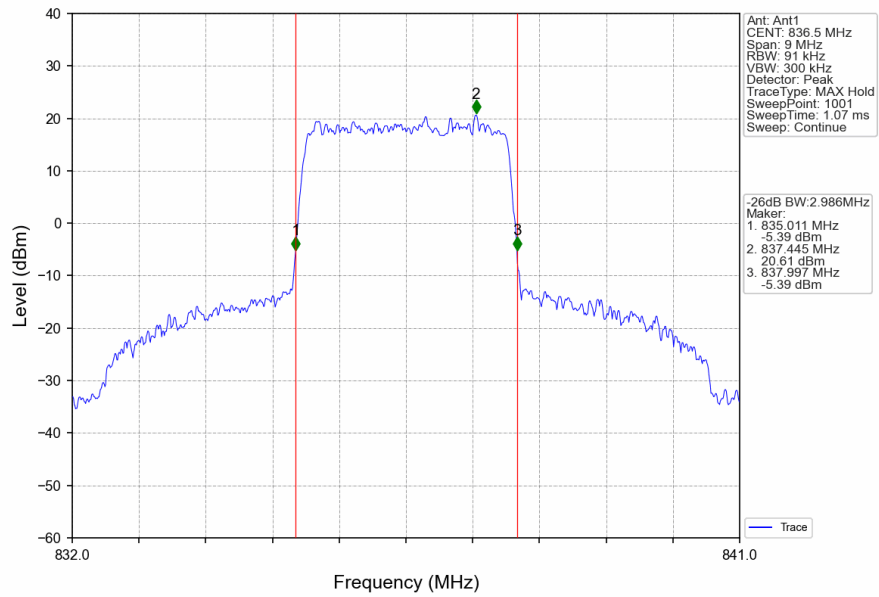
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



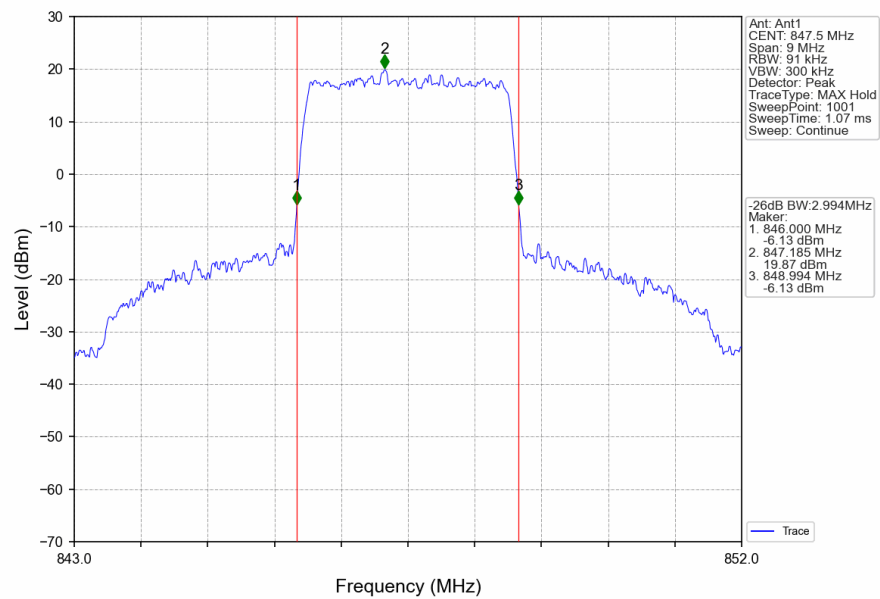
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



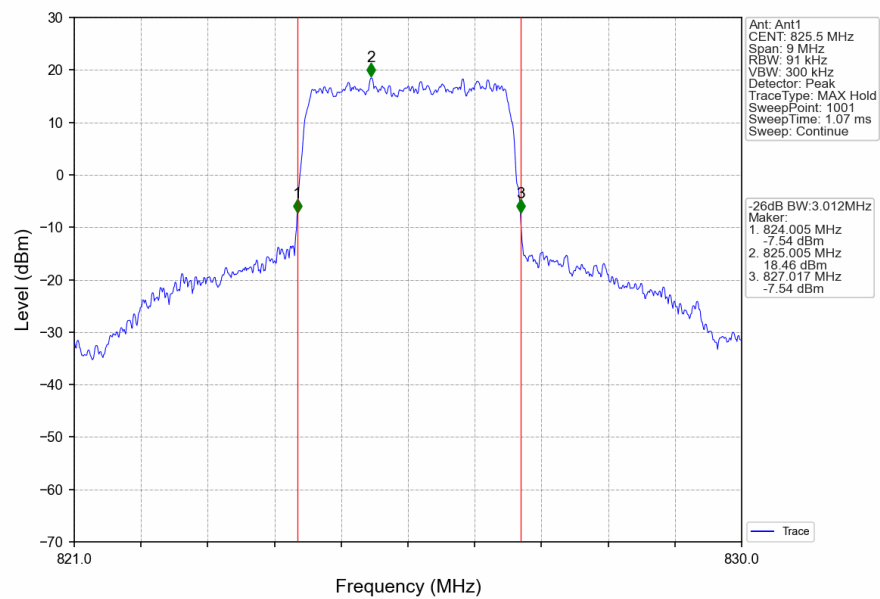
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



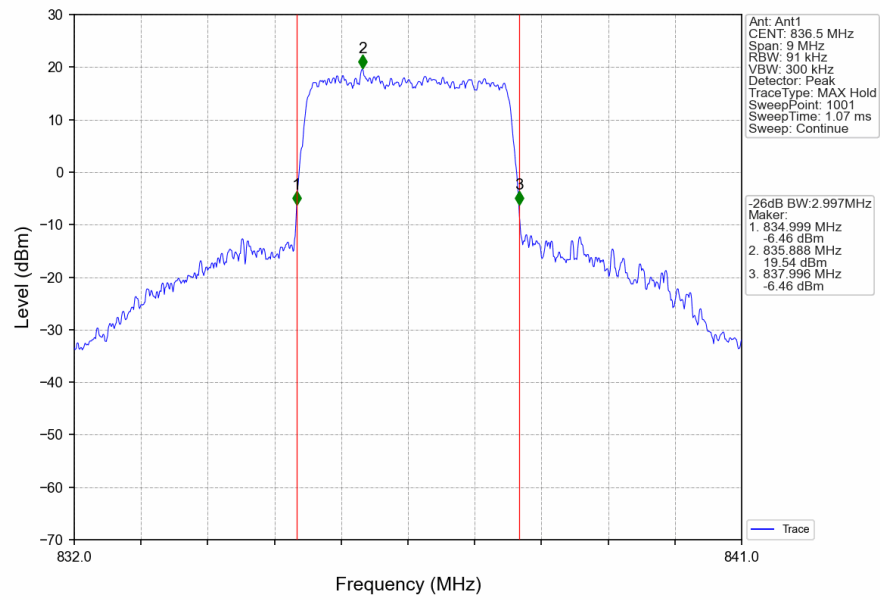
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



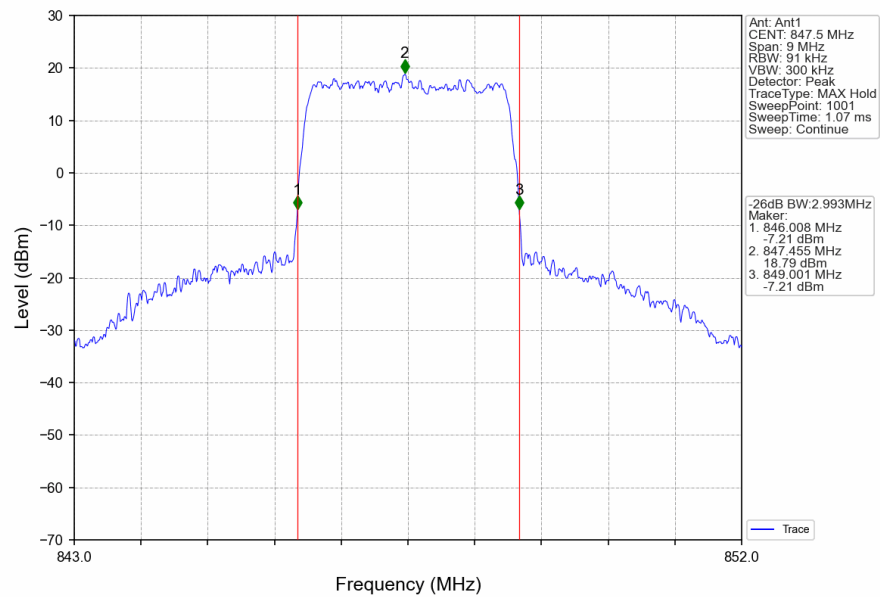
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



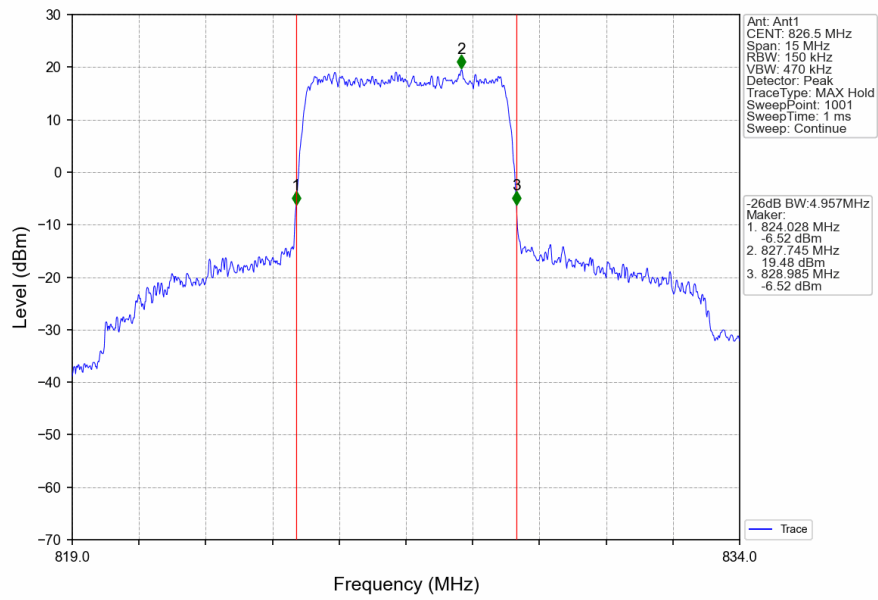
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



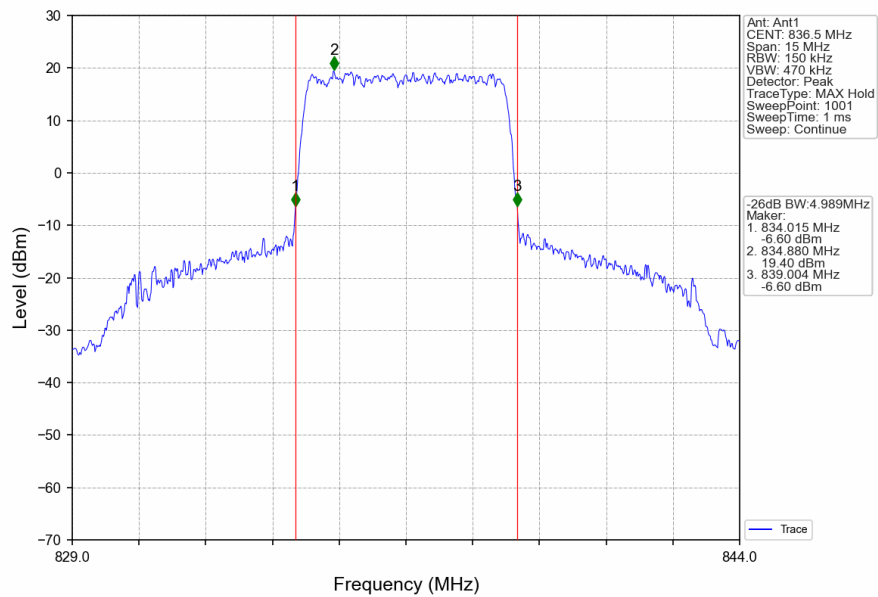
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



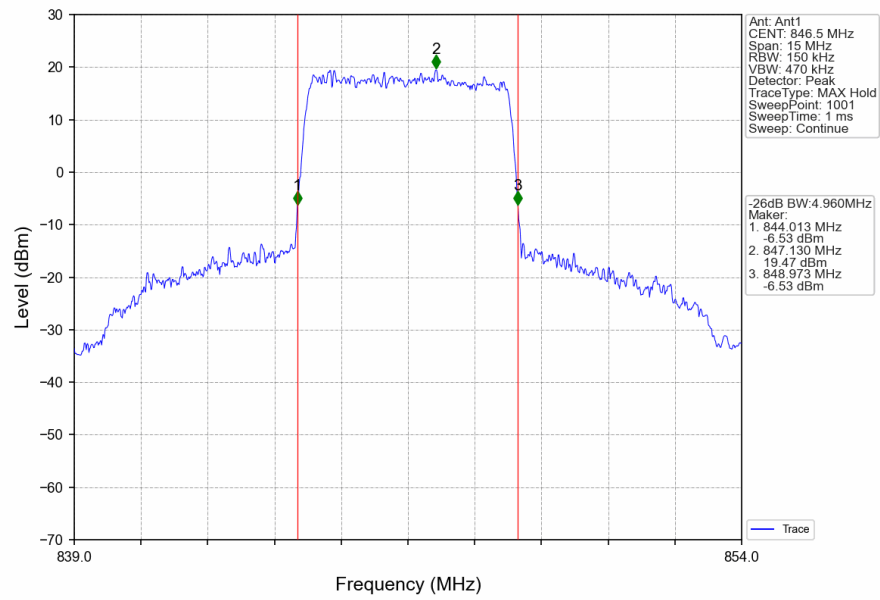
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



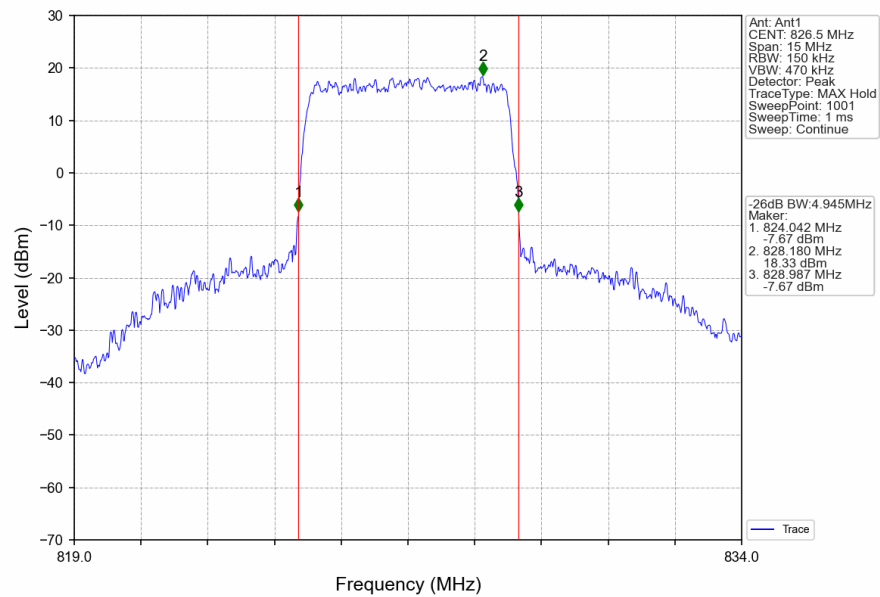
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



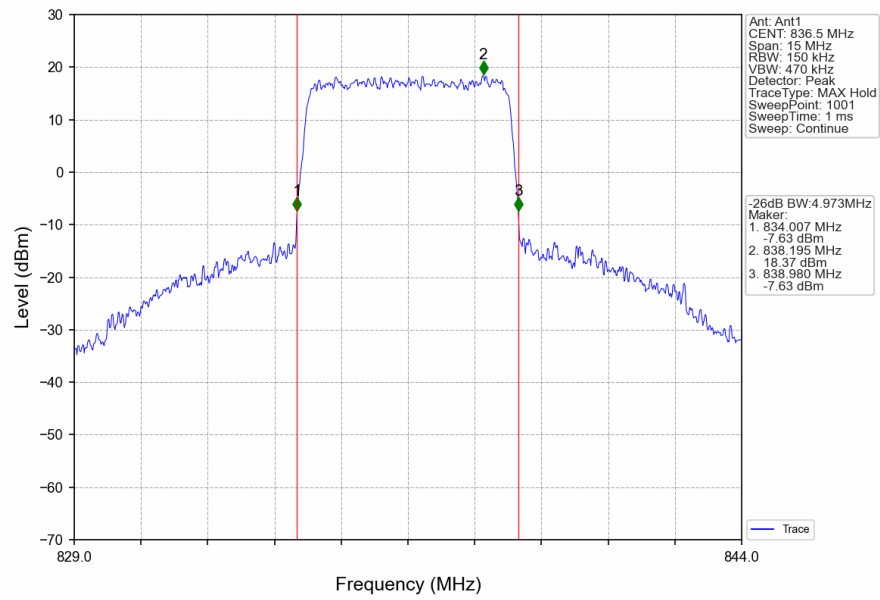
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



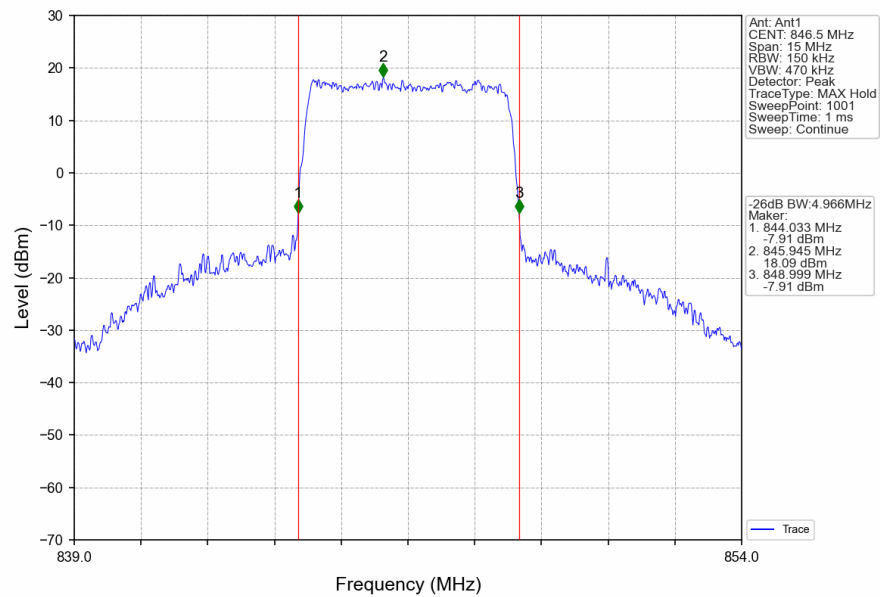
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



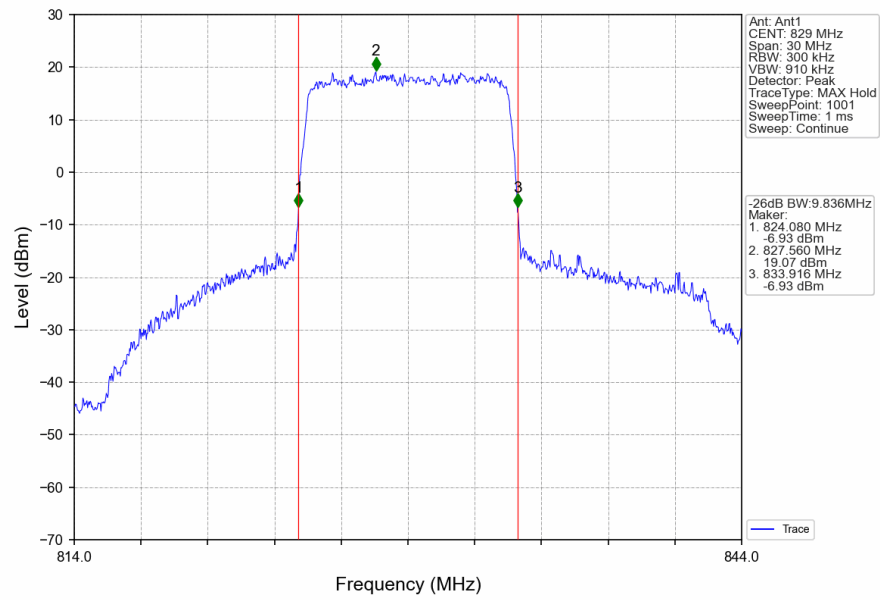
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



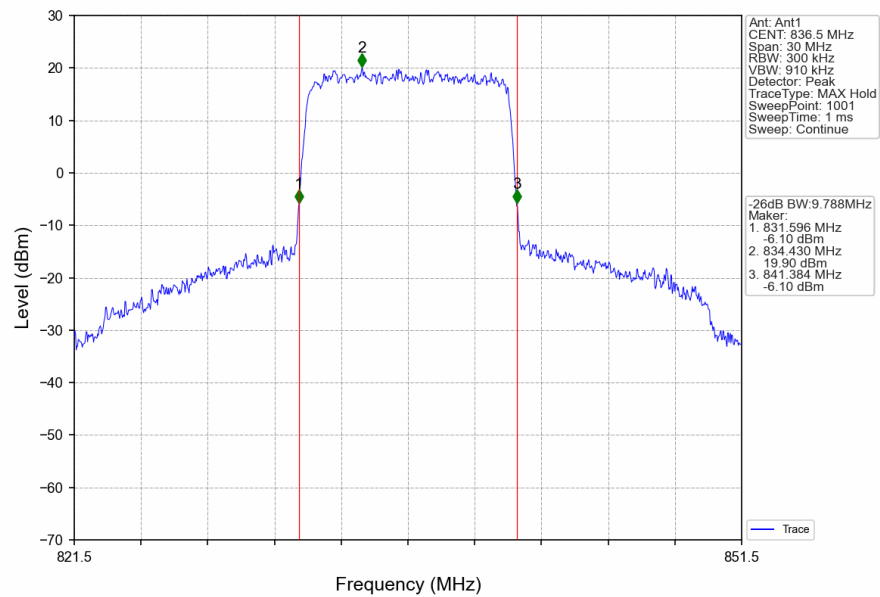
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



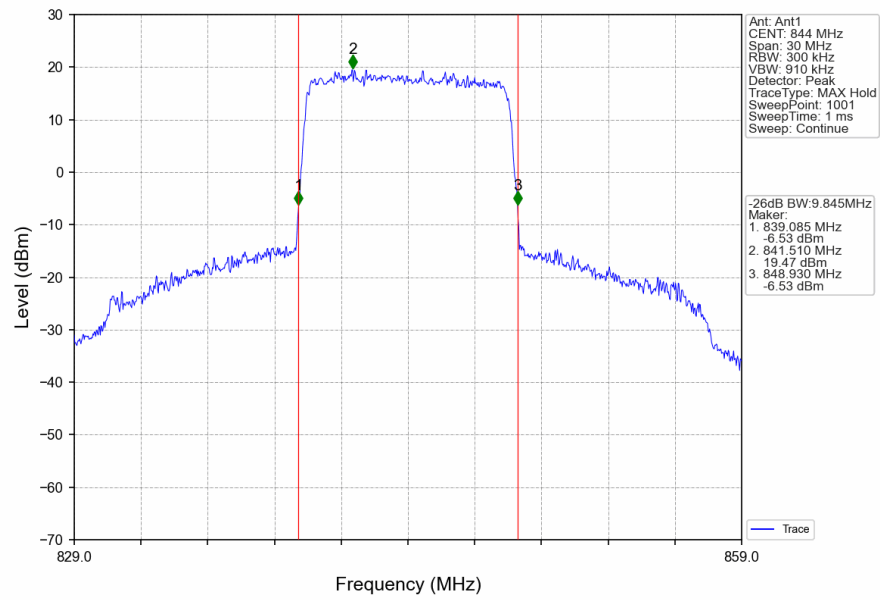
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



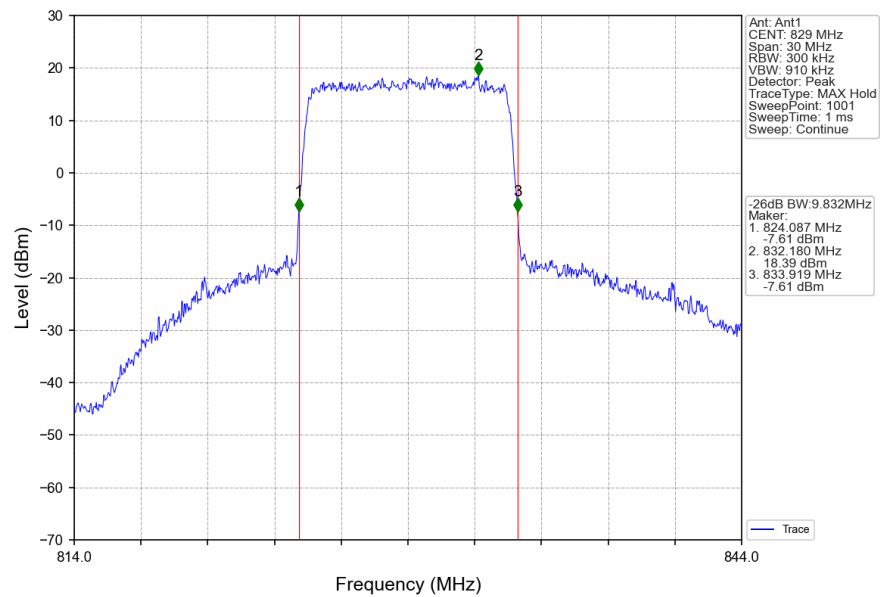
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



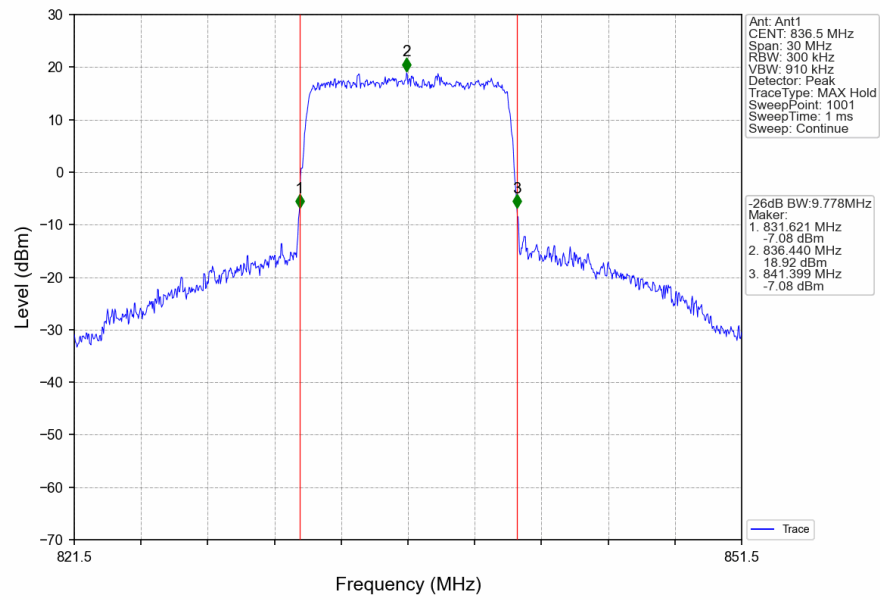
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



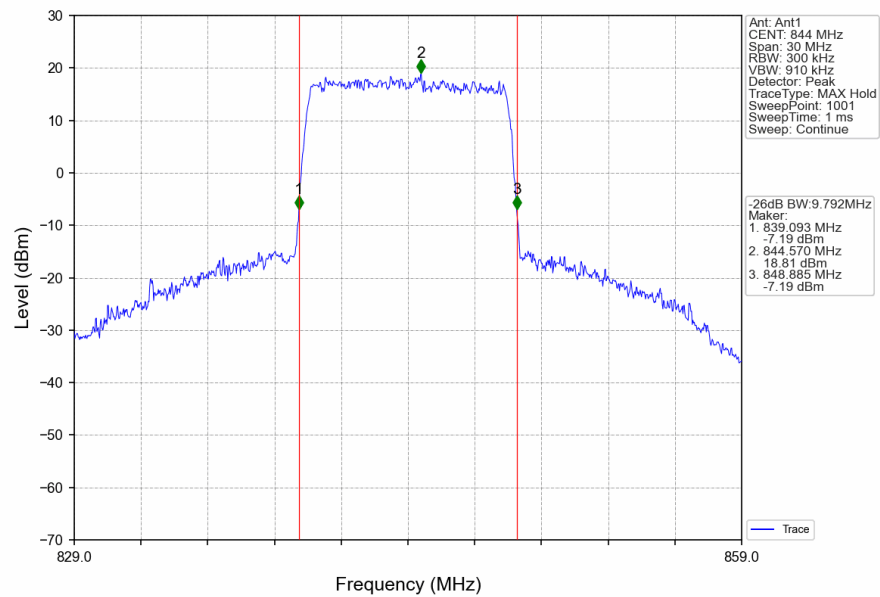
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



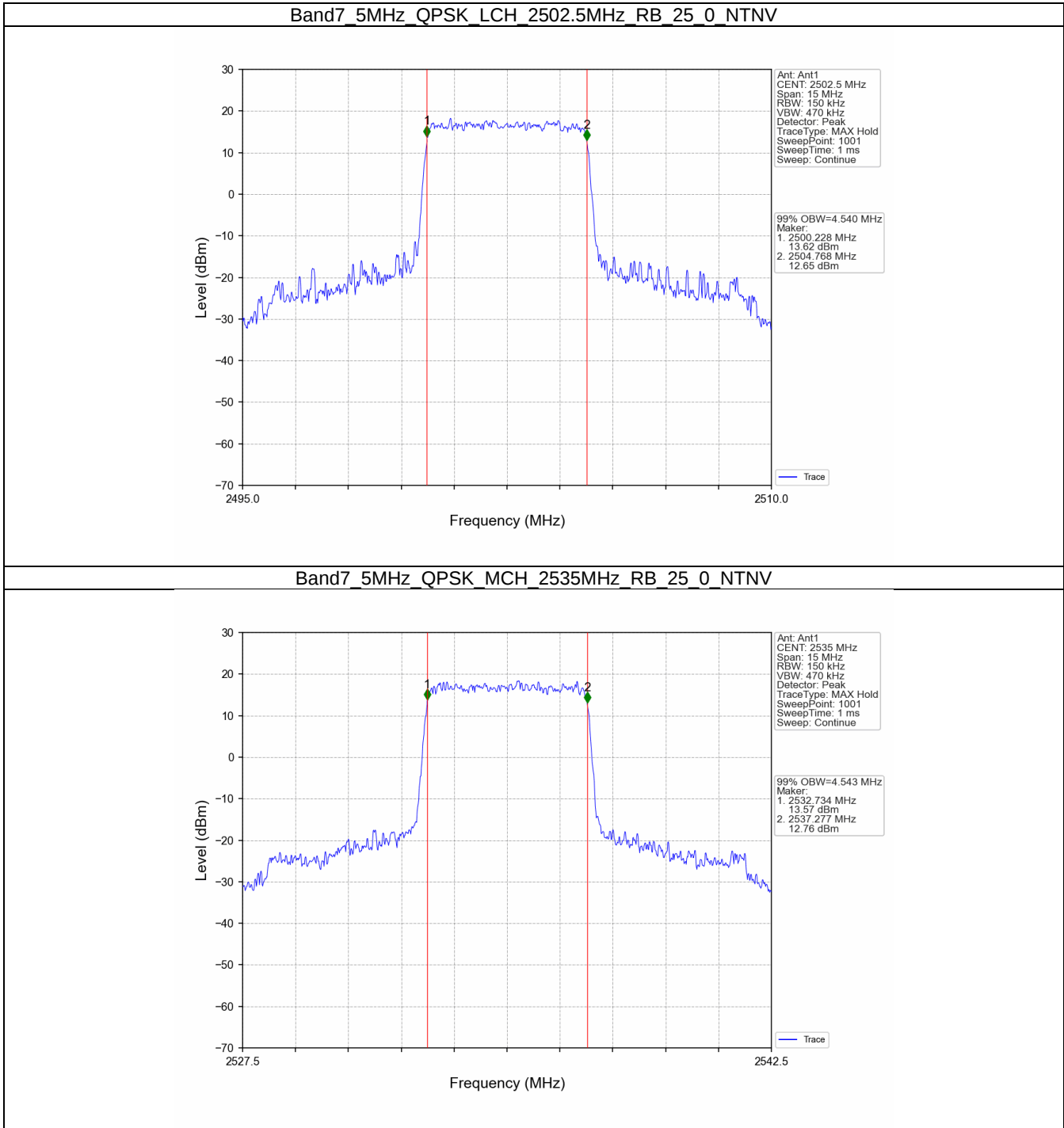
4. 99% & 26dB Bandwidth

4.1 Band7_OBW

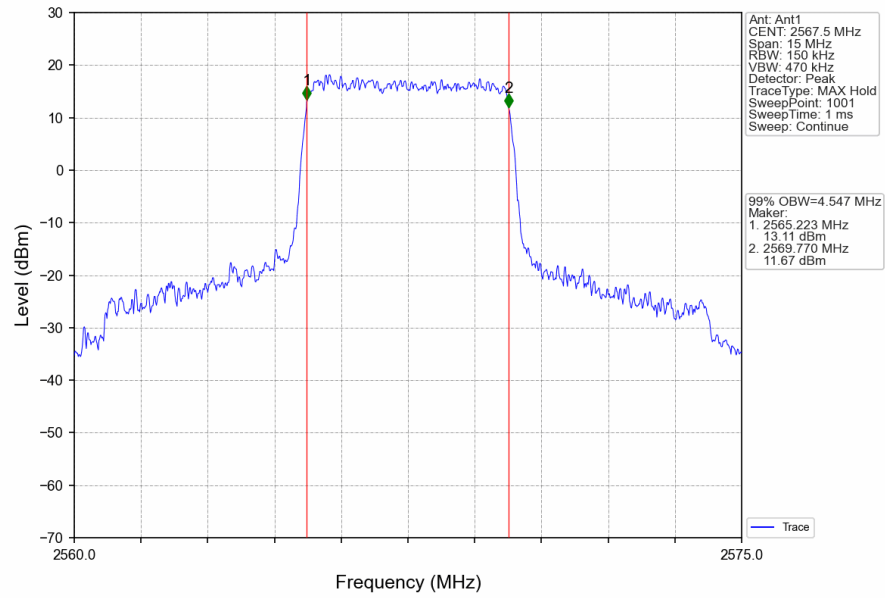
4.1.1 Test Result

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	4.540	/	Pass
		2535	25	0	4.543	/	Pass
		2567.5	25	0	4.547	/	Pass
	16QAM	2502.5	25	0	4.549	/	Pass
		2535	25	0	4.553	/	Pass
		2567.5	25	0	4.533	/	Pass
10	QPSK	2505	50	0	9.022	/	Pass
		2535	50	0	9.031	/	Pass
		2565	50	0	9.066	/	Pass
	16QAM	2505	50	0	9.024	/	Pass
		2535	50	0	9.019	/	Pass
		2565	50	0	9.015	/	Pass
15	QPSK	2507.5	75	0	13.558	/	Pass
		2535	75	0	13.529	/	Pass
		2562.5	75	0	13.563	/	Pass
	16QAM	2507.5	75	0	13.555	/	Pass
		2535	75	0	13.522	/	Pass
		2562.5	75	0	13.545	/	Pass
20	QPSK	2510	100	0	18.118	/	Pass
		2535	100	0	18.035	/	Pass
		2560	100	0	18.074	/	Pass
	16QAM	2510	100	0	18.108	/	Pass
		2535	100	0	18.038	/	Pass
		2560	100	0	18.068	/	Pass

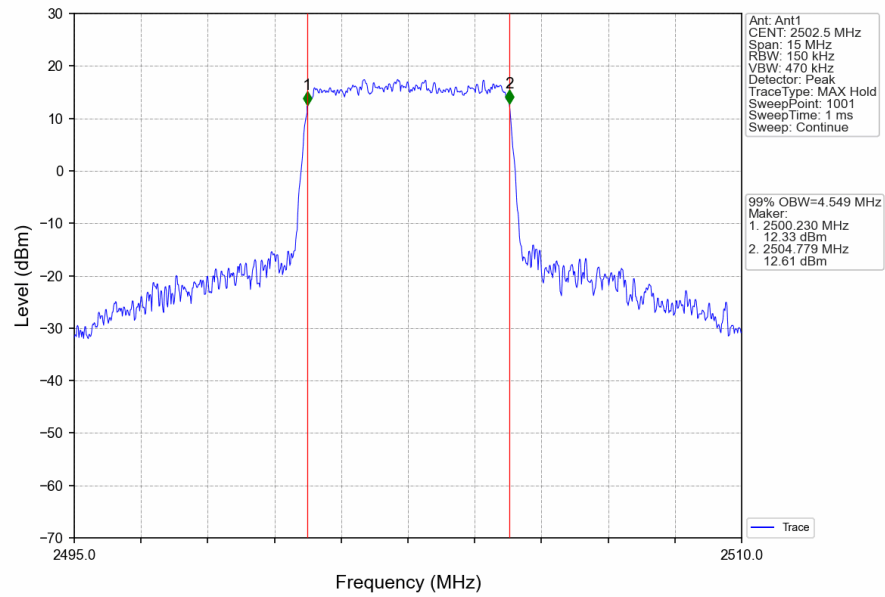
4.1.2 Test Graph



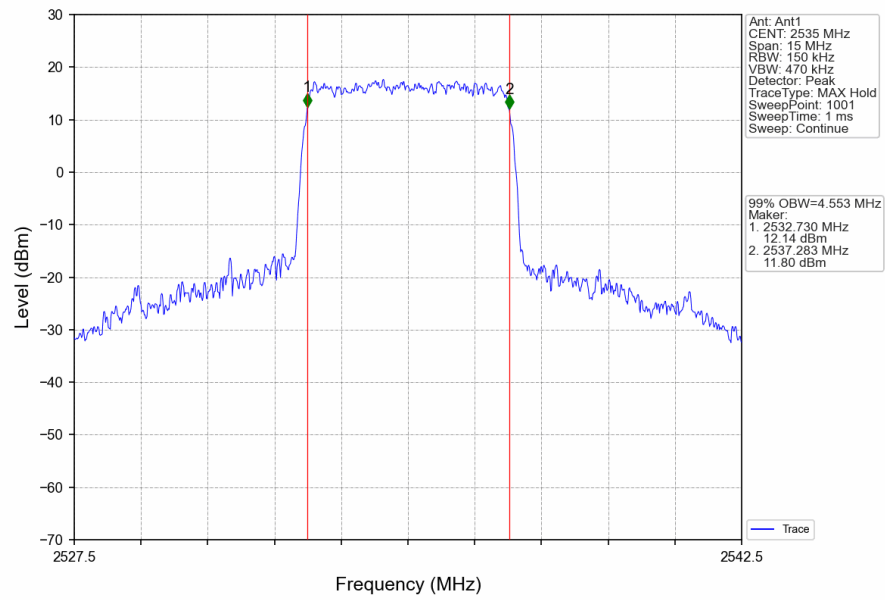
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



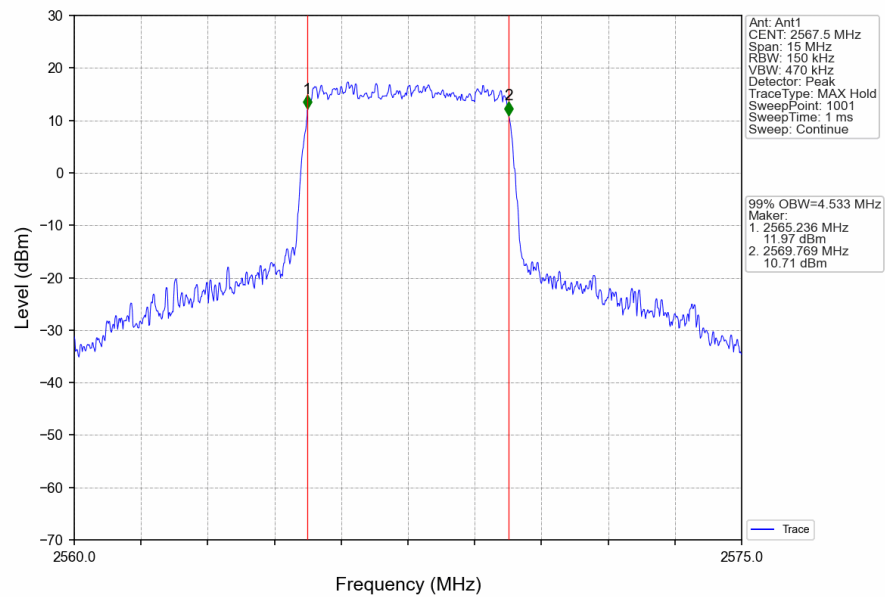
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



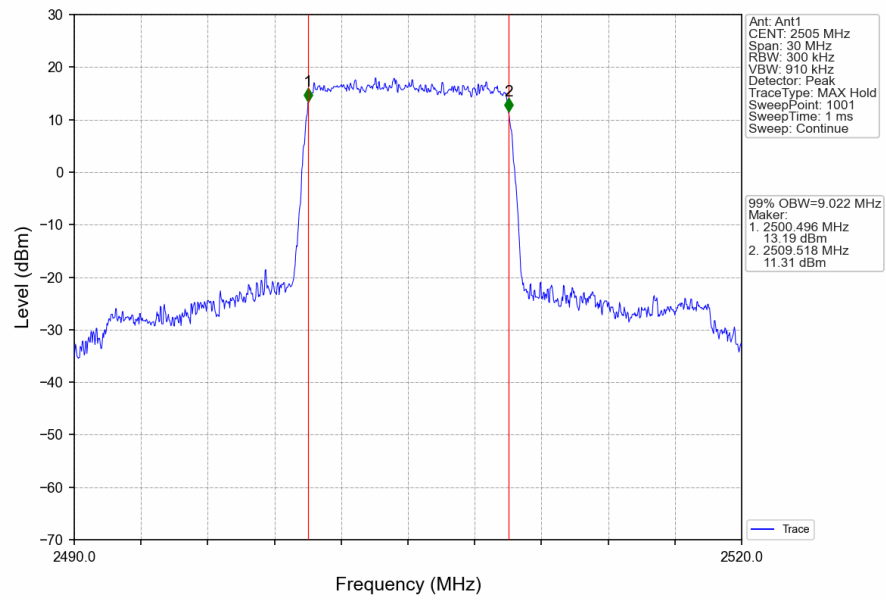
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



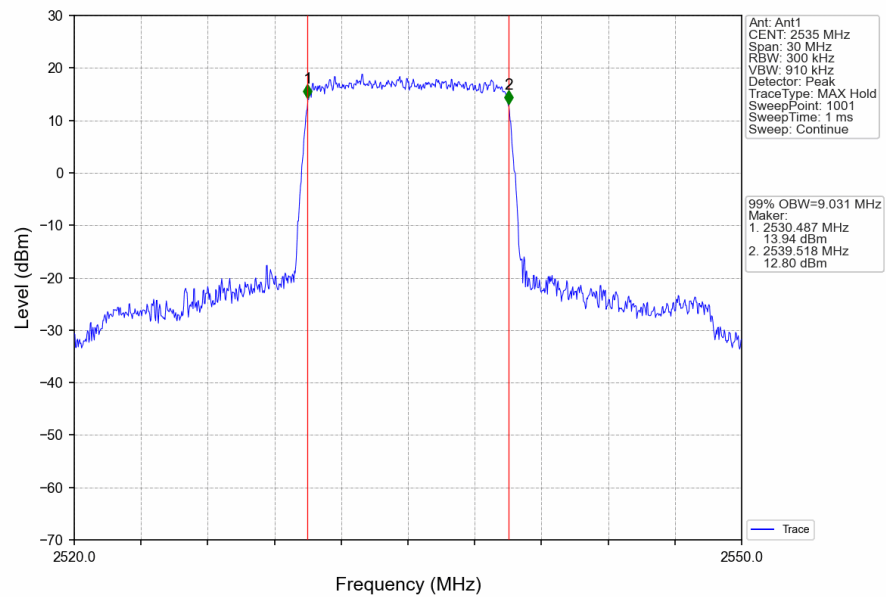
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



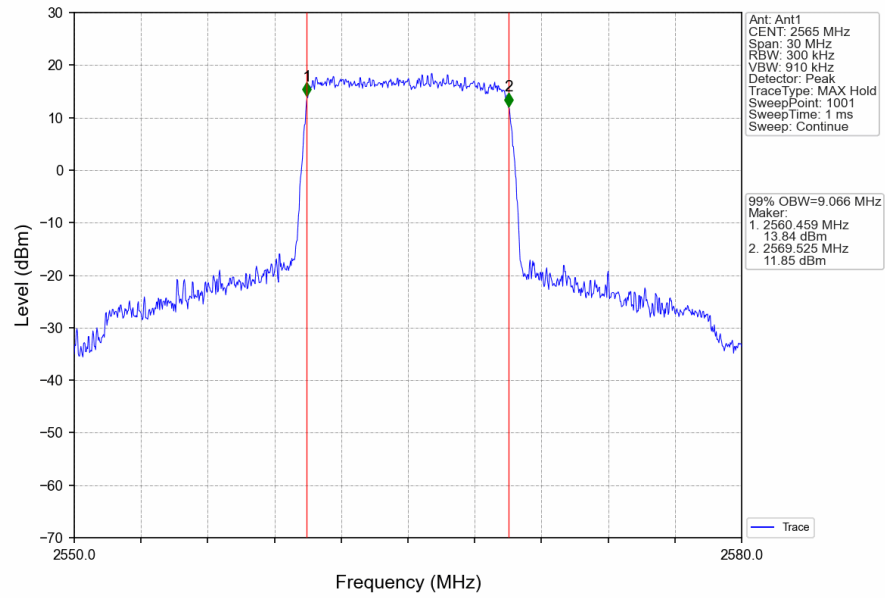
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



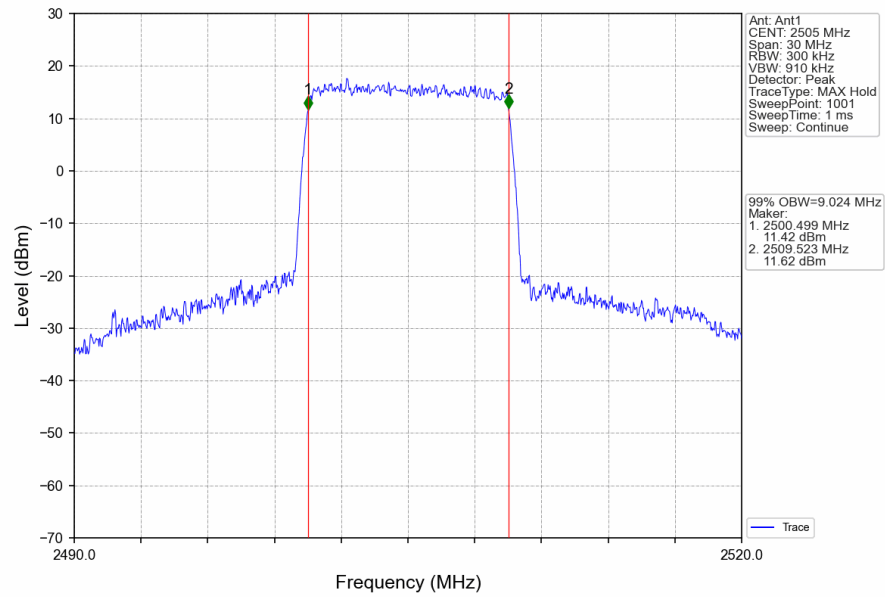
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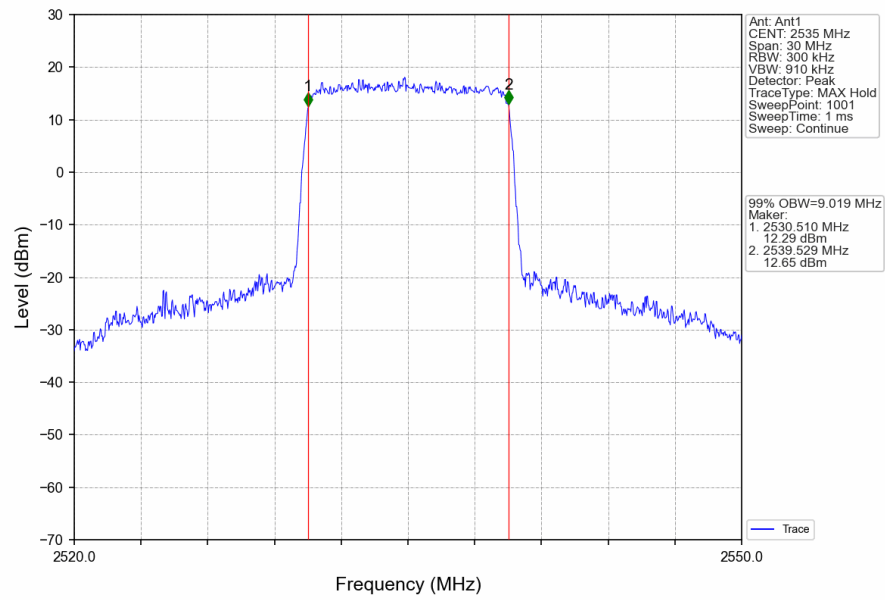
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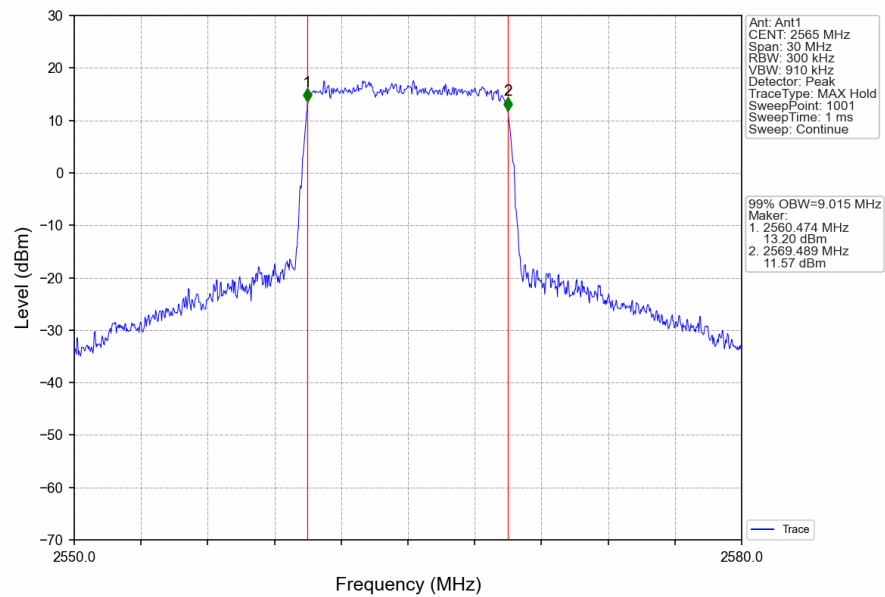
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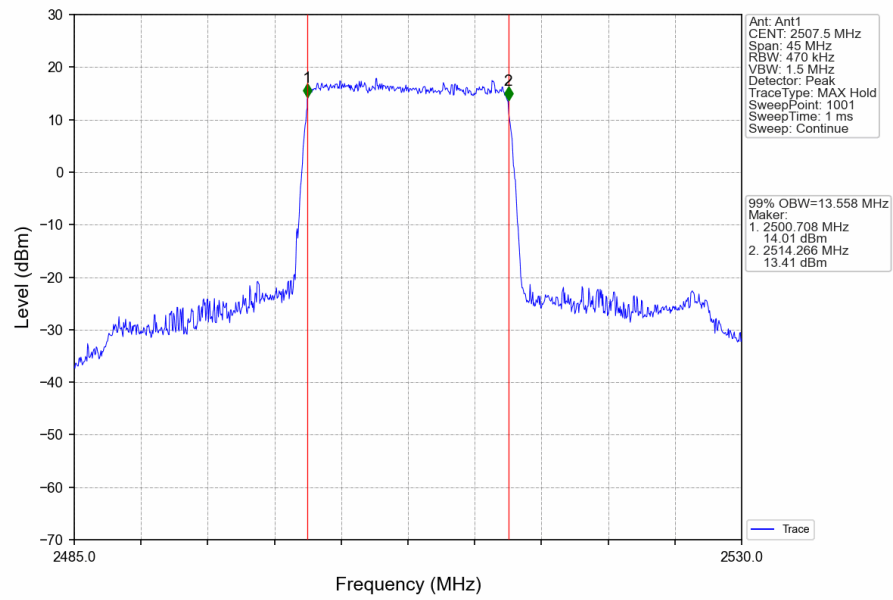
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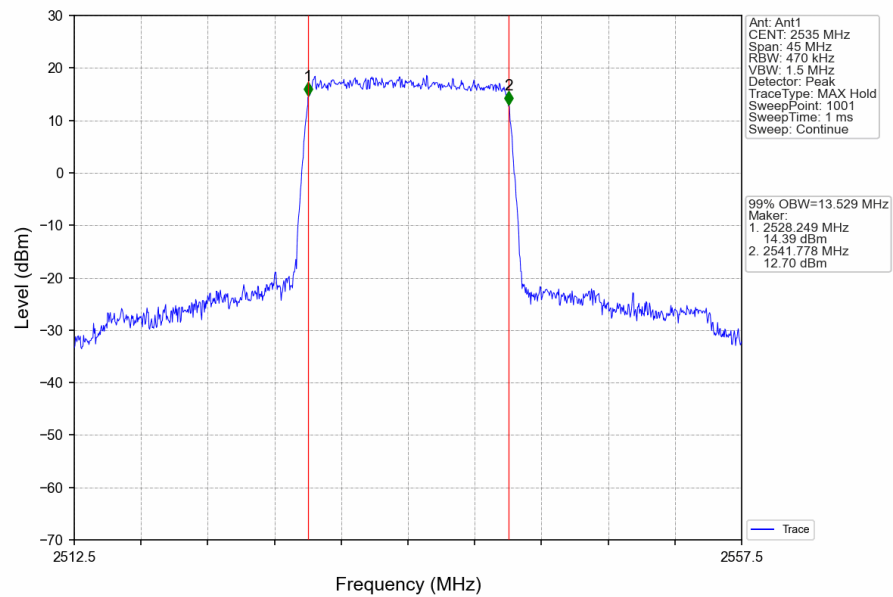
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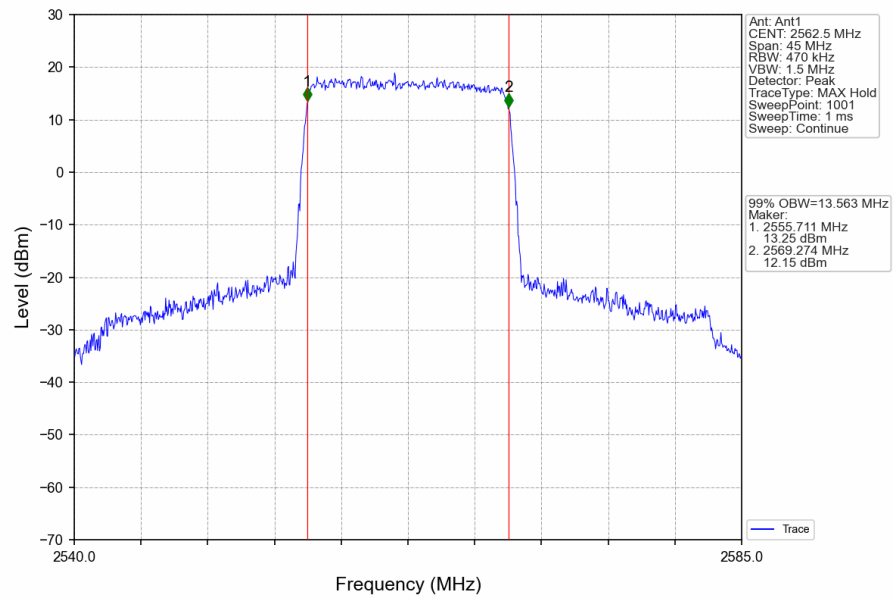
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



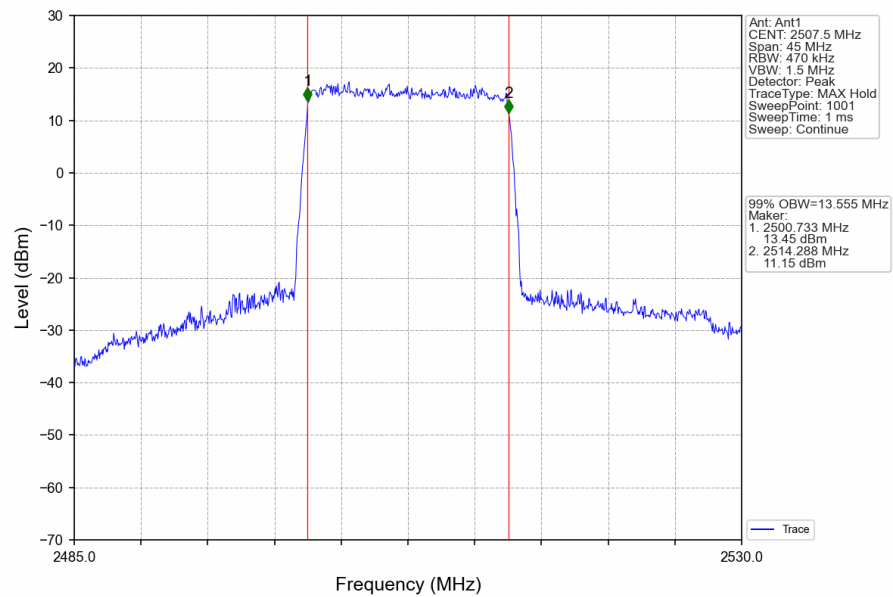
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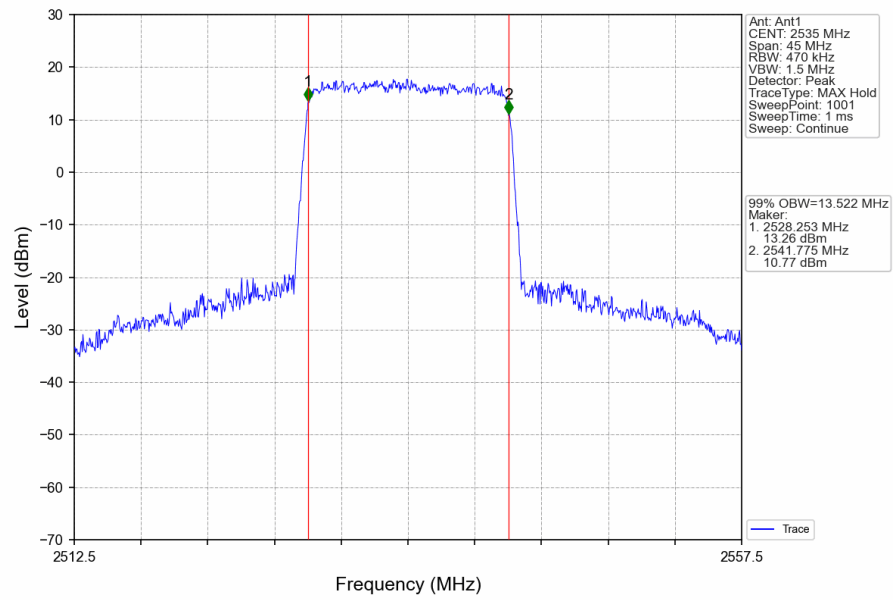
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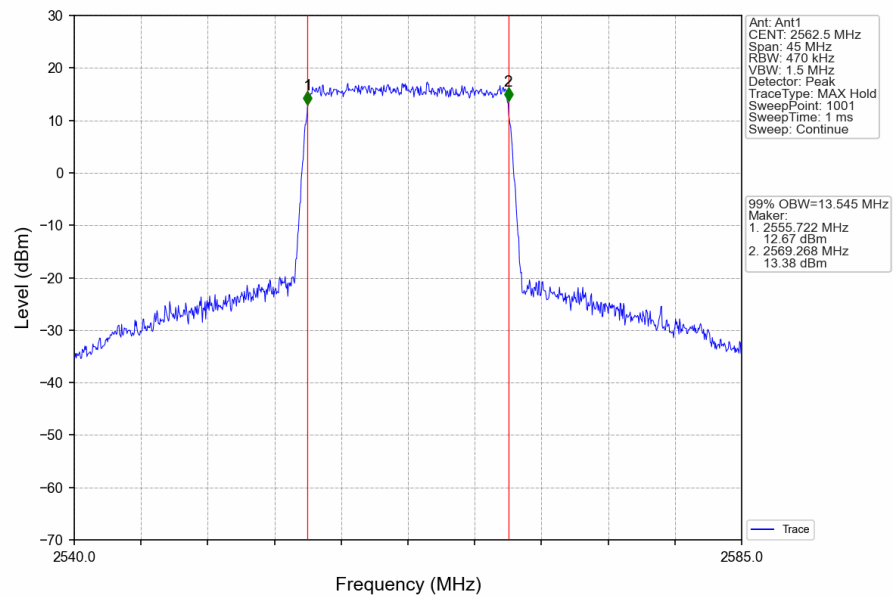
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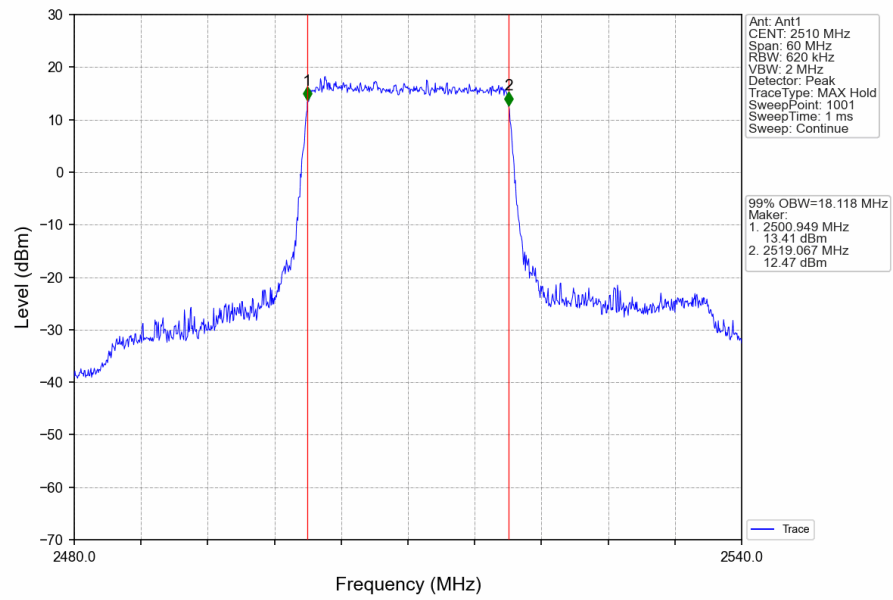
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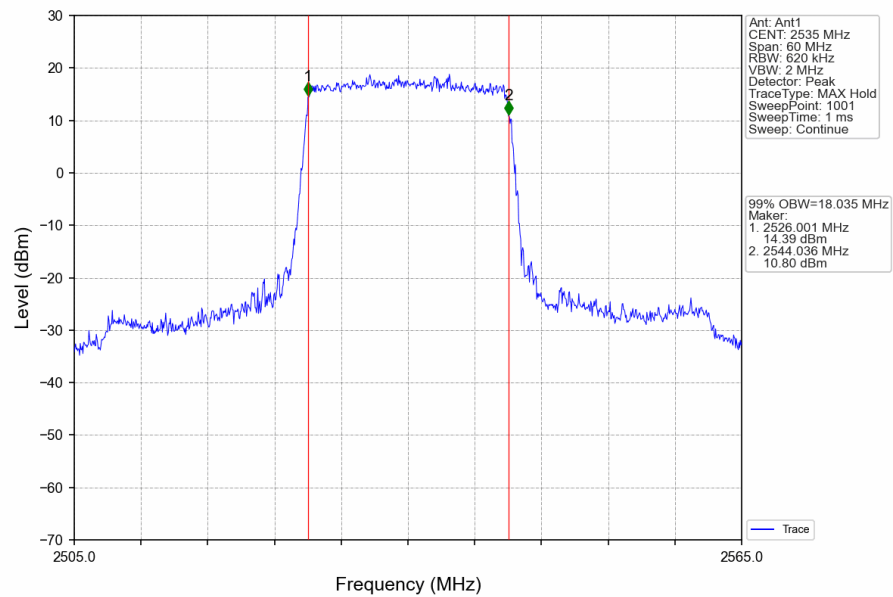
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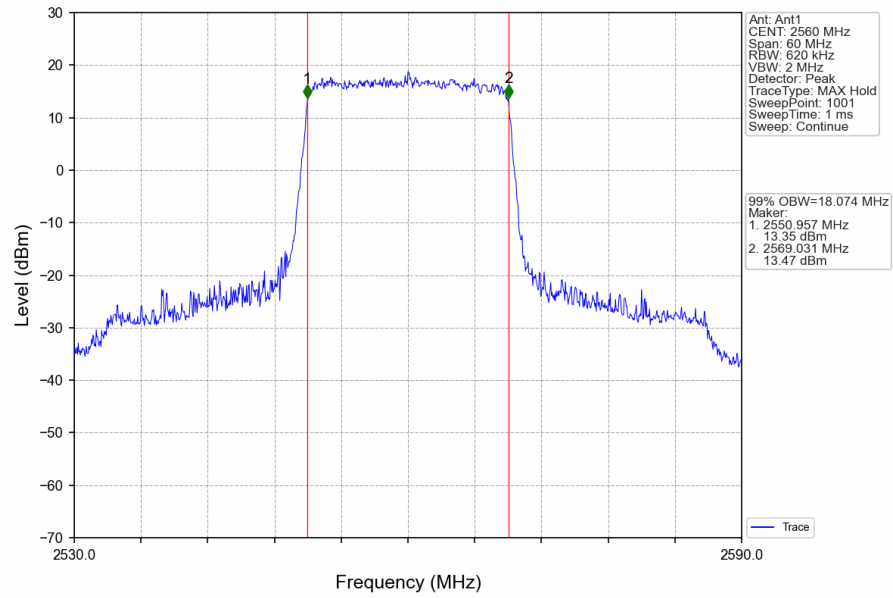
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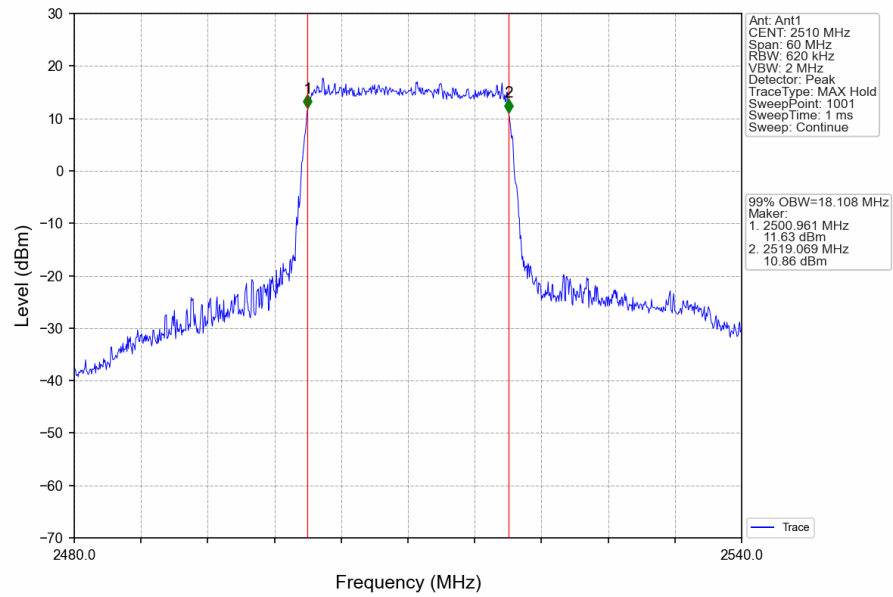
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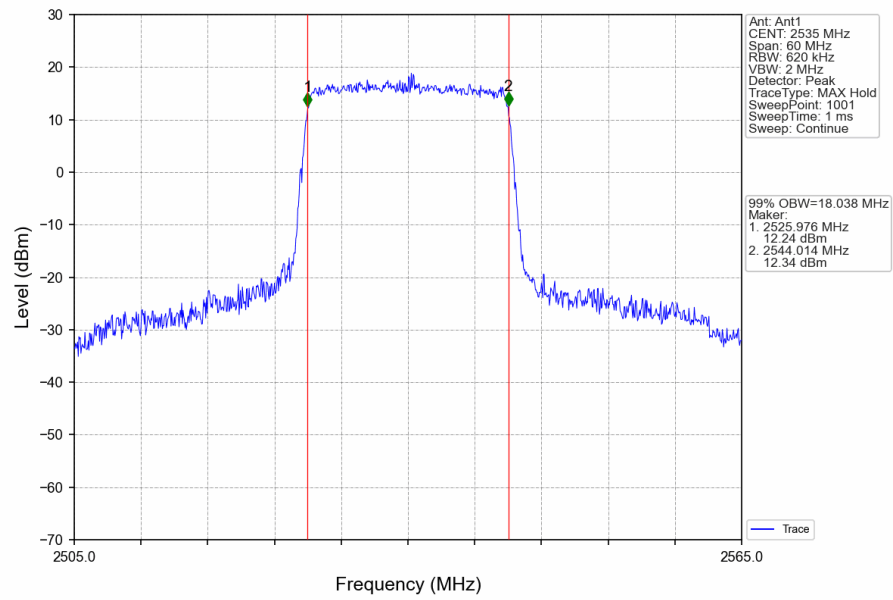
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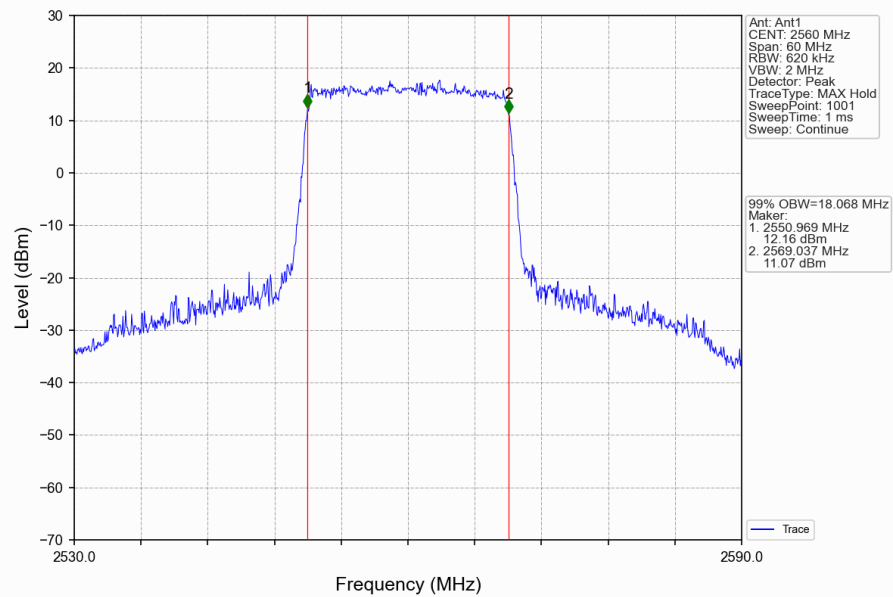
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



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

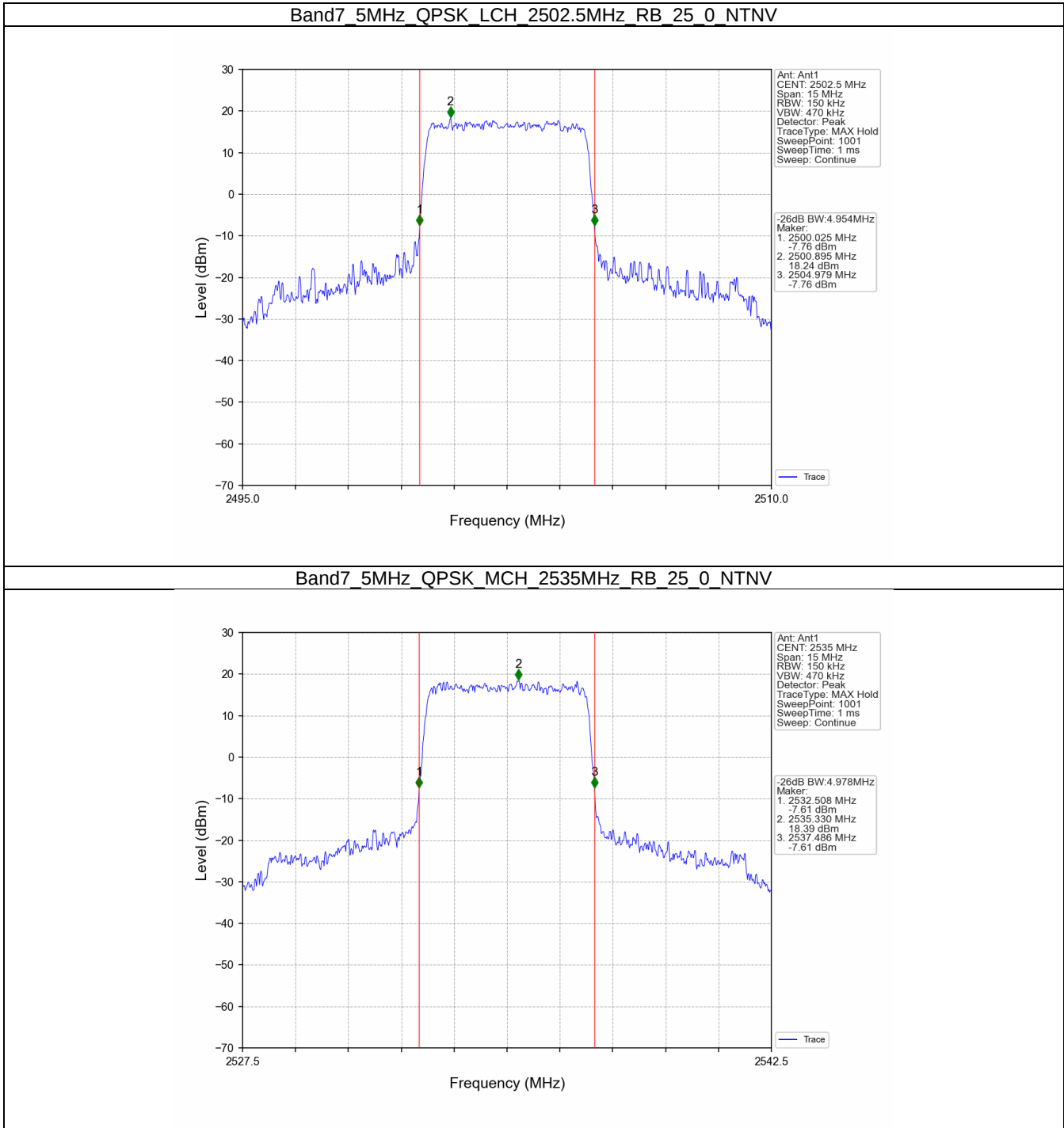


4.2 Band7_XDB

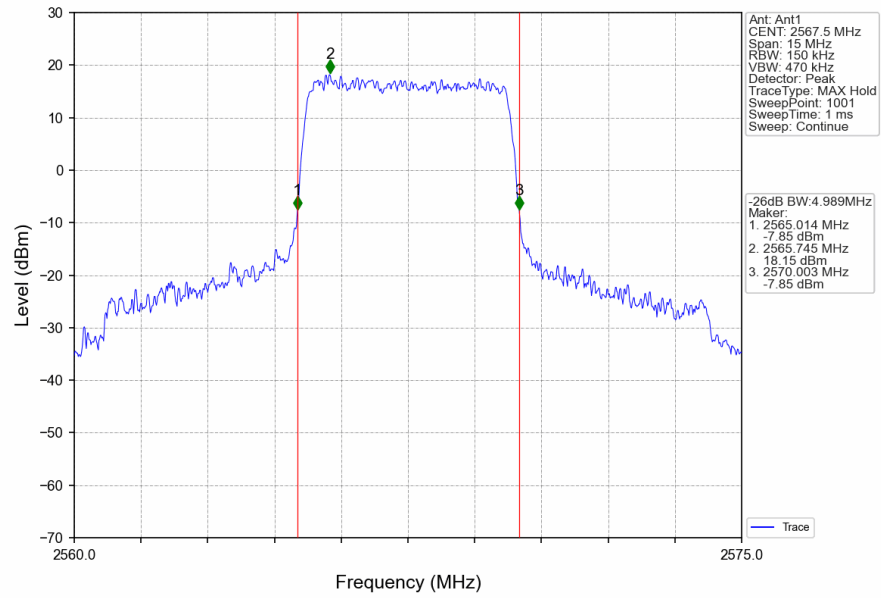
4.2.1 Test Result

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.954	/	Pass
		2535	25	0	4.978	/	Pass
		2567.5	25	0	4.989	/	Pass
	16QAM	2502.5	25	0	4.961	/	Pass
		2535	25	0	4.967	/	Pass
		2567.5	25	0	4.967	/	Pass
10	QPSK	2505	50	0	9.845	/	Pass
		2535	50	0	9.817	/	Pass
		2565	50	0	9.835	/	Pass
	16QAM	2505	50	0	9.832	/	Pass
		2535	50	0	9.797	/	Pass
		2565	50	0	9.797	/	Pass
15	QPSK	2507.5	75	0	14.692	/	Pass
		2535	75	0	14.719	/	Pass
		2562.5	75	0	14.780	/	Pass
	16QAM	2507.5	75	0	14.717	/	Pass
		2535	75	0	14.708	/	Pass
		2562.5	75	0	14.694	/	Pass
20	QPSK	2510	100	0	19.774	/	Pass
		2535	100	0	19.819	/	Pass
		2560	100	0	19.895	/	Pass
	16QAM	2510	100	0	19.843	/	Pass
		2535	100	0	19.744	/	Pass
		2560	100	0	19.791	/	Pass

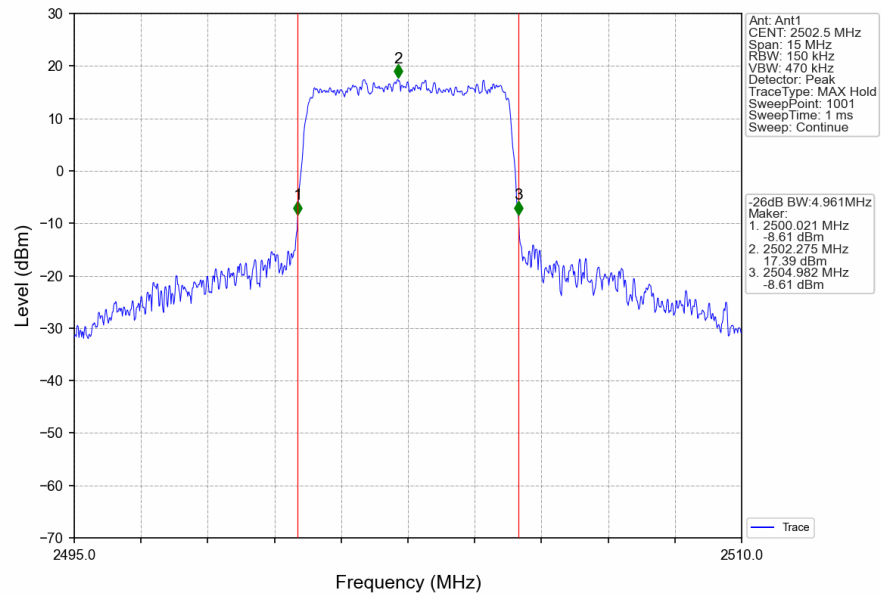
4.2.2 Test Graph



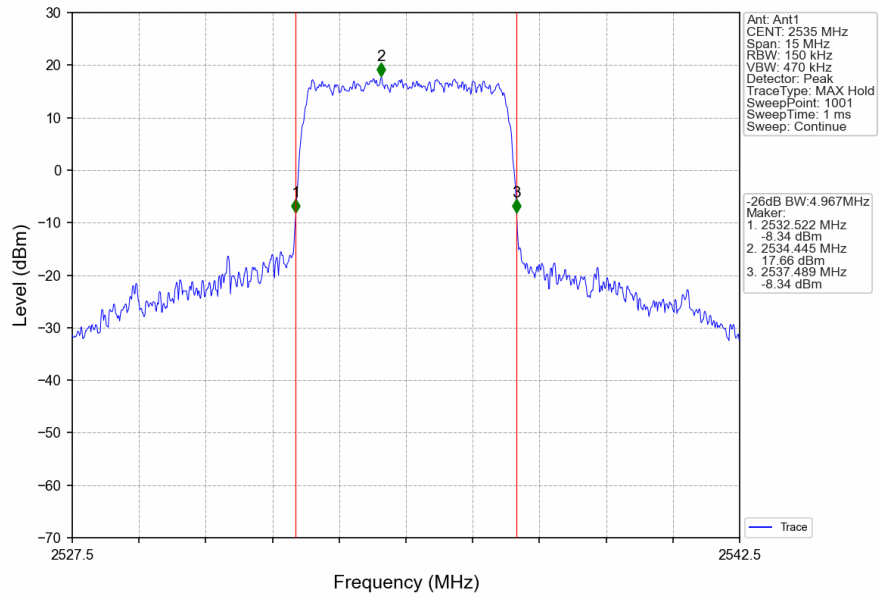
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



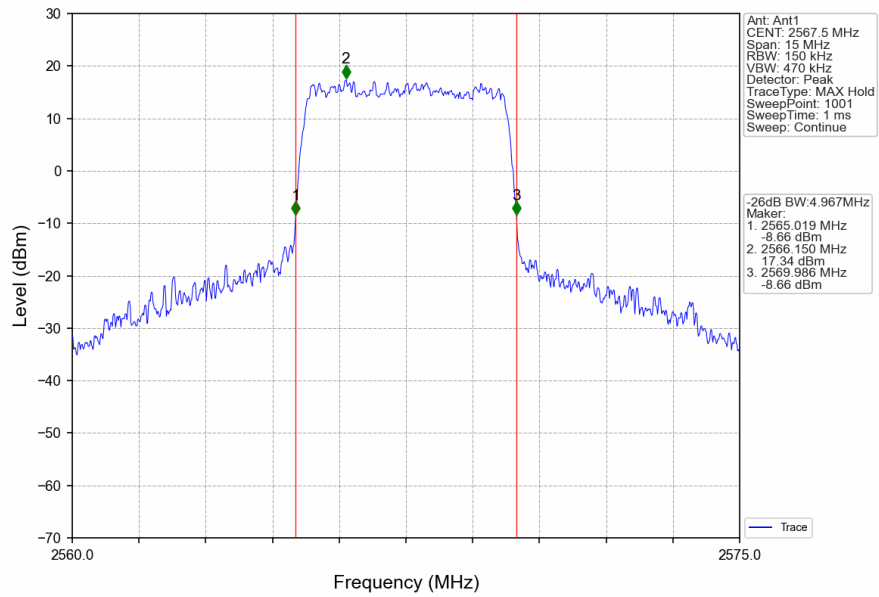
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



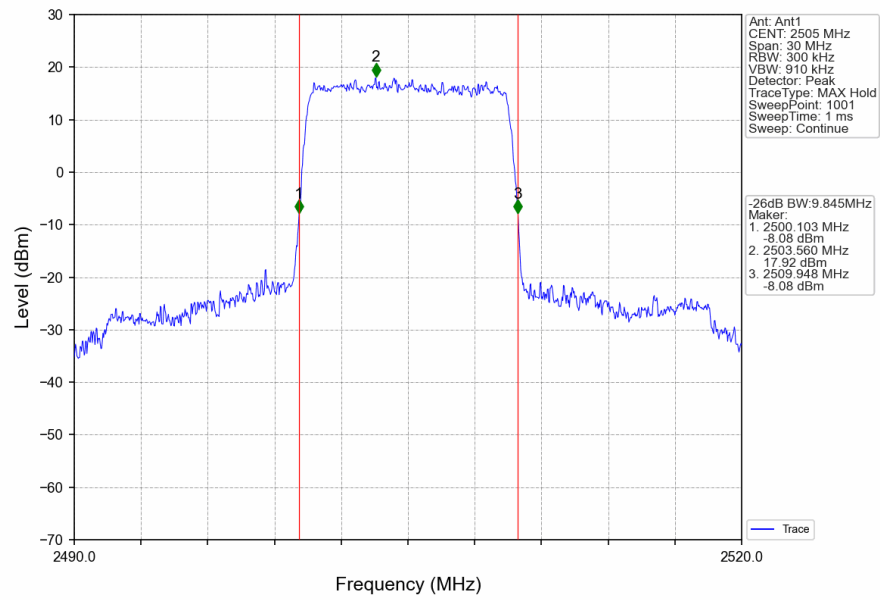
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



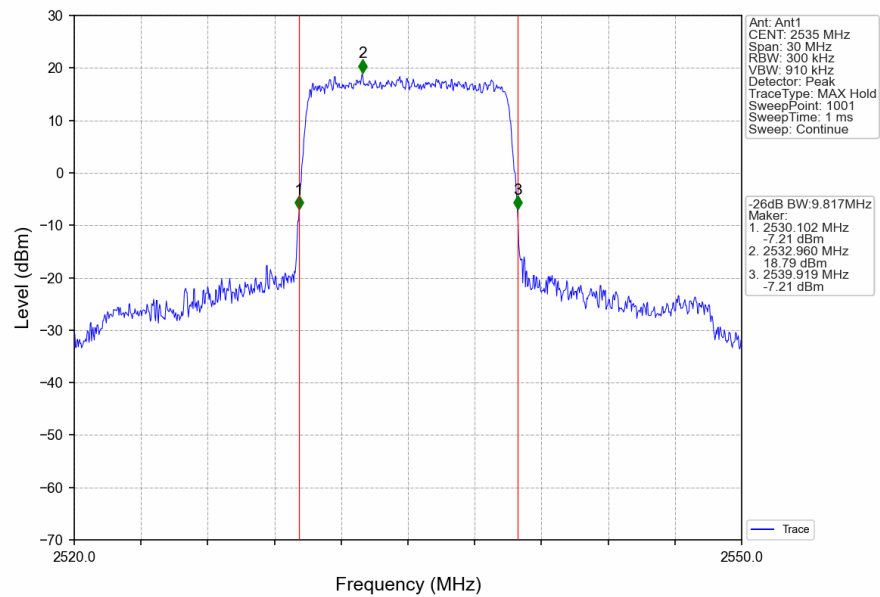
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



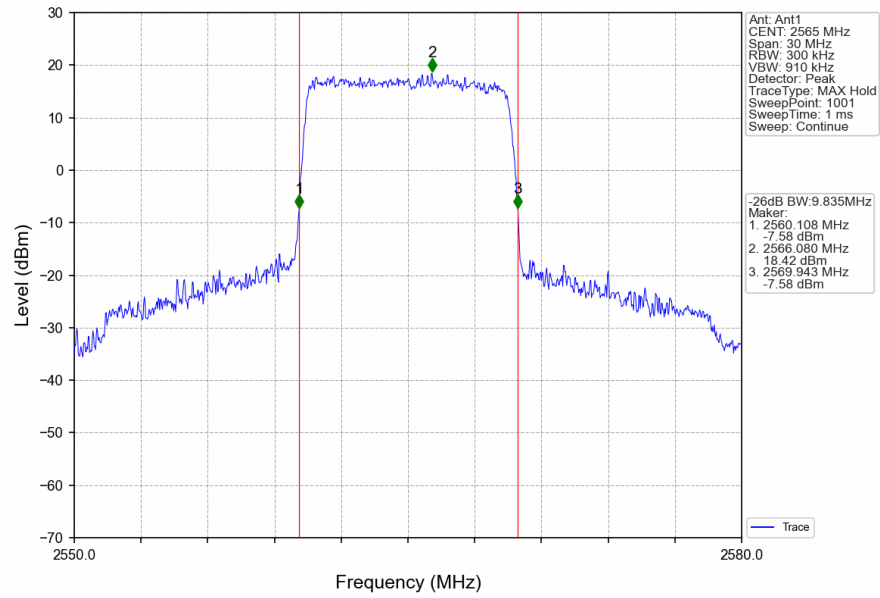
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



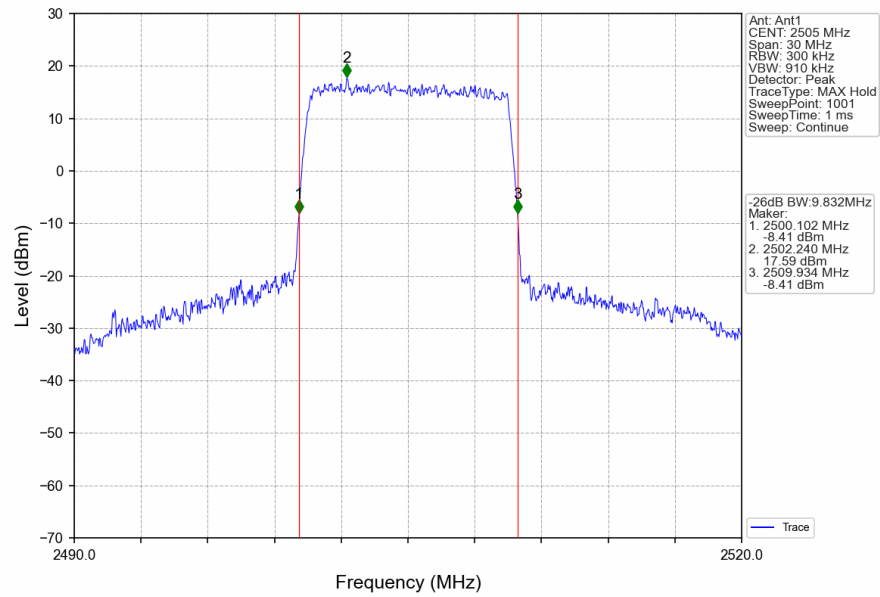
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



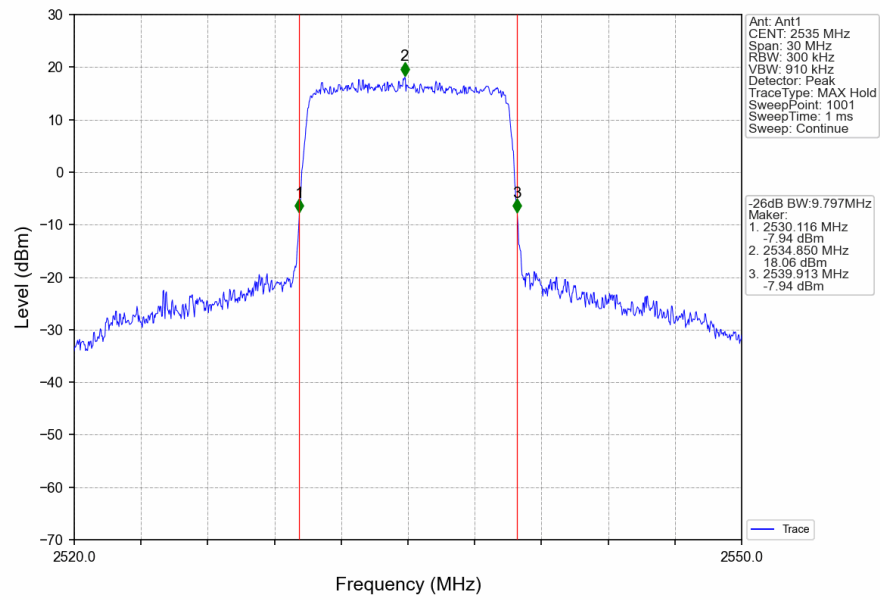
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTV



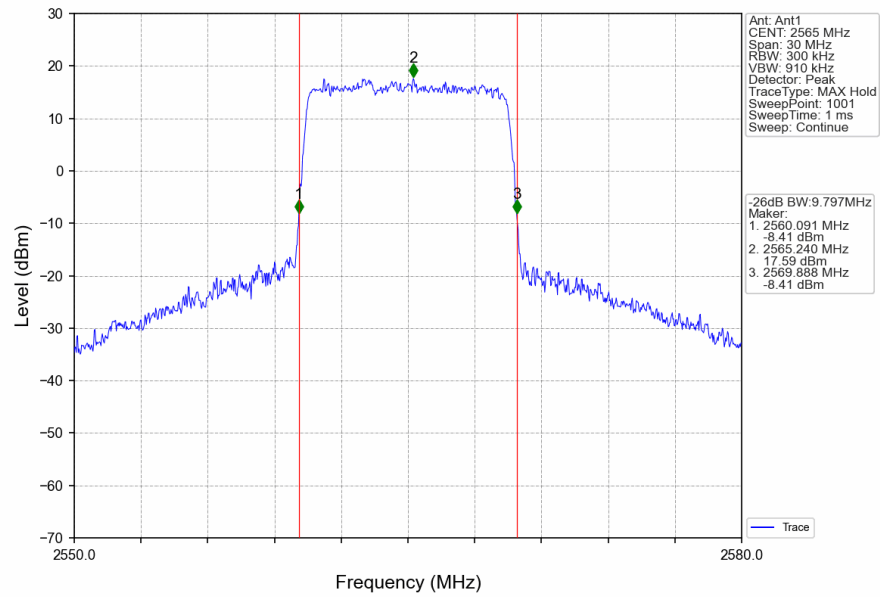
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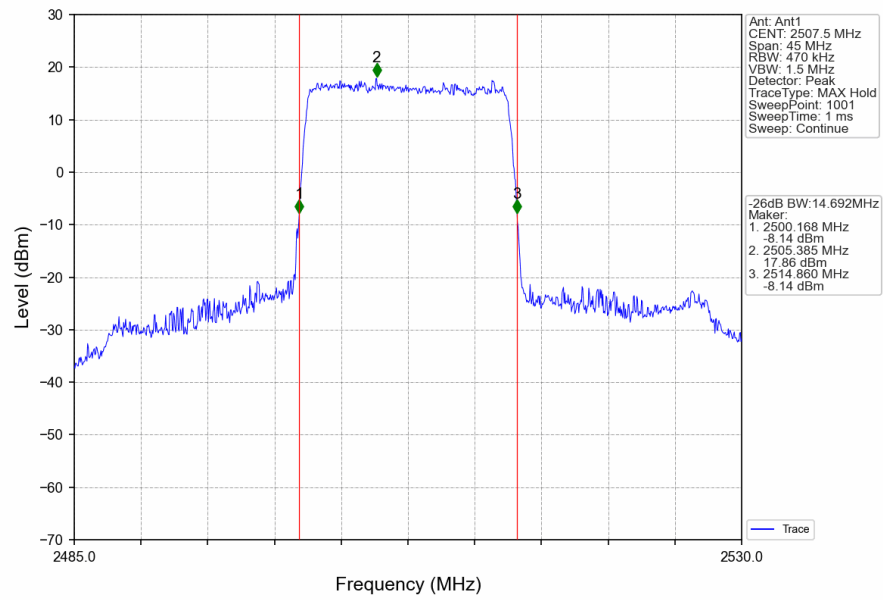
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



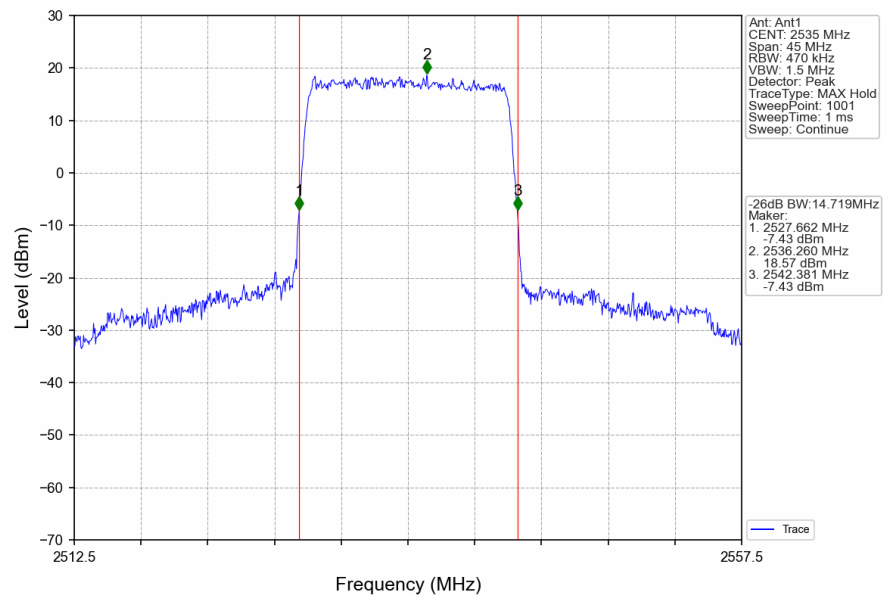
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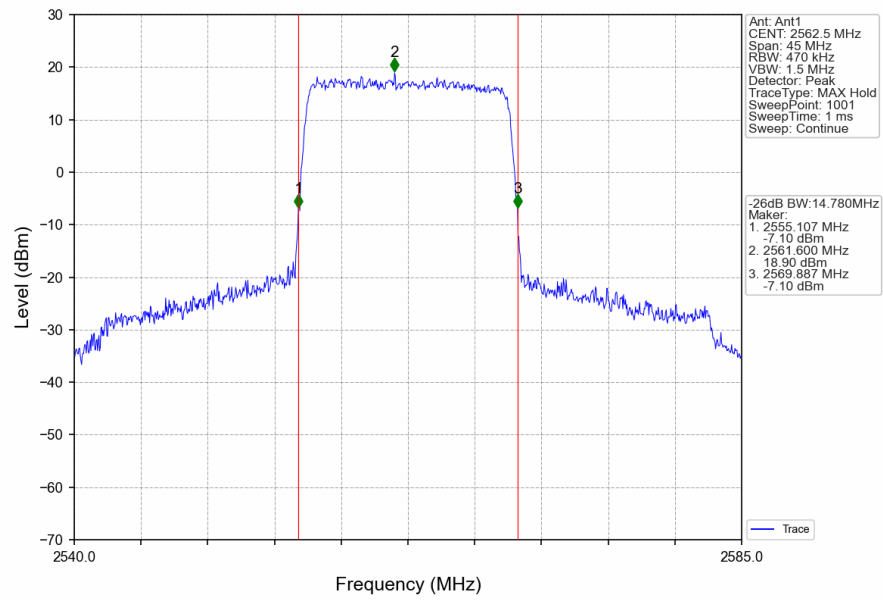
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



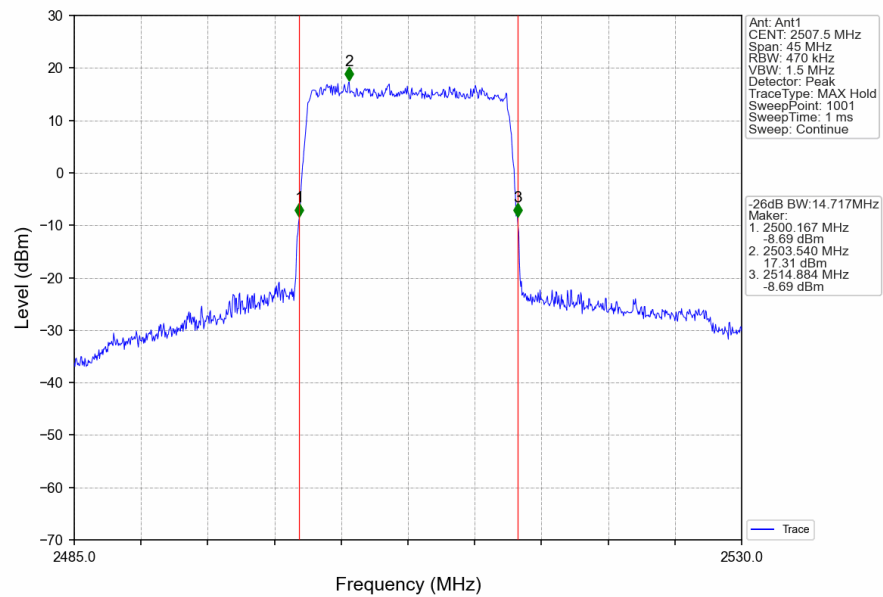
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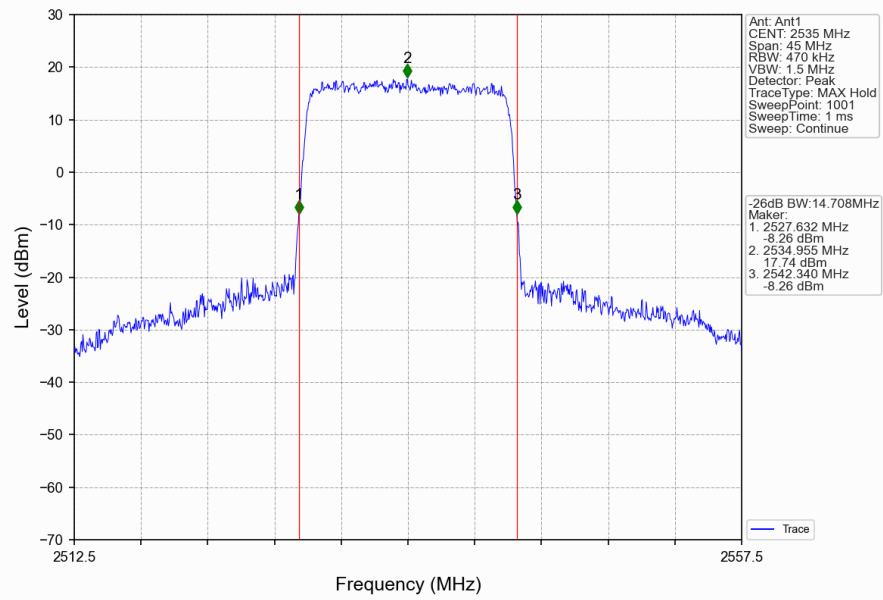
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



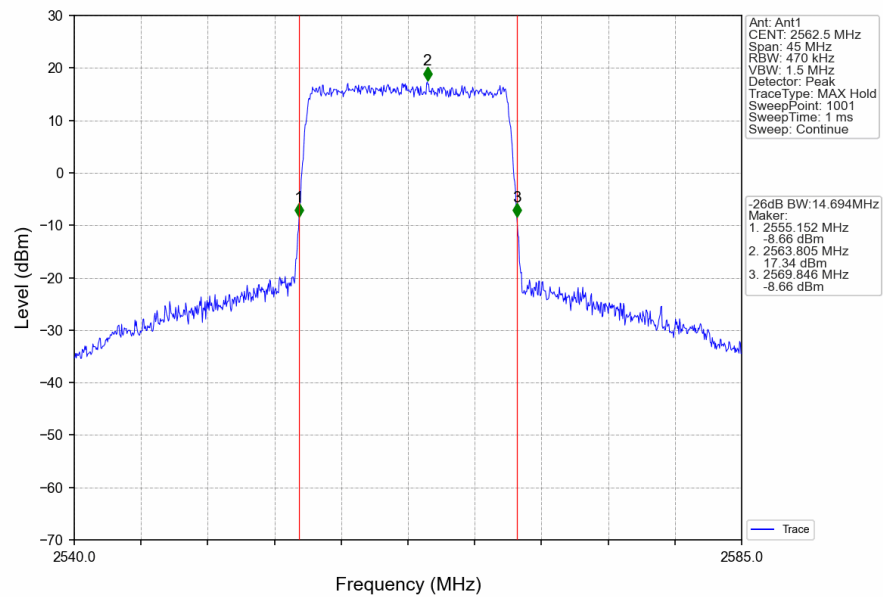
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



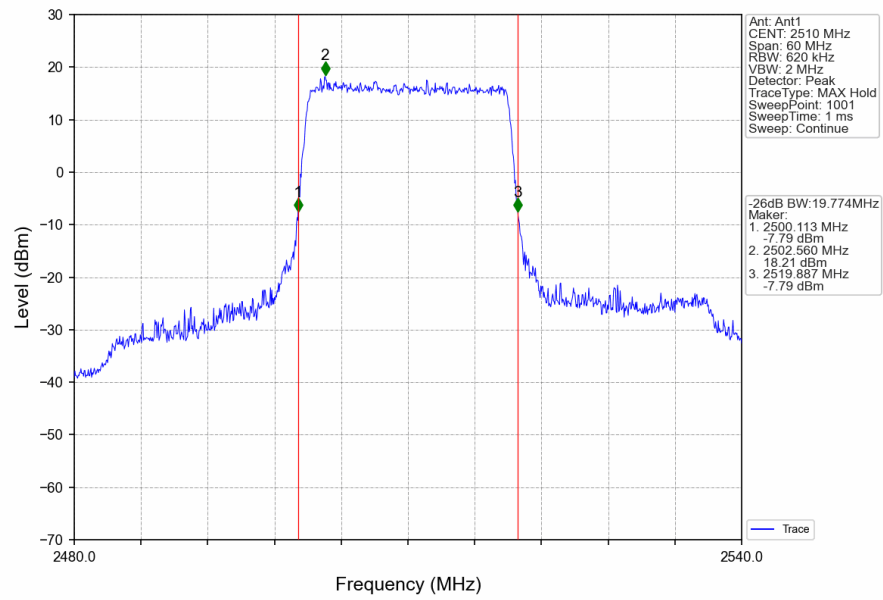
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



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

