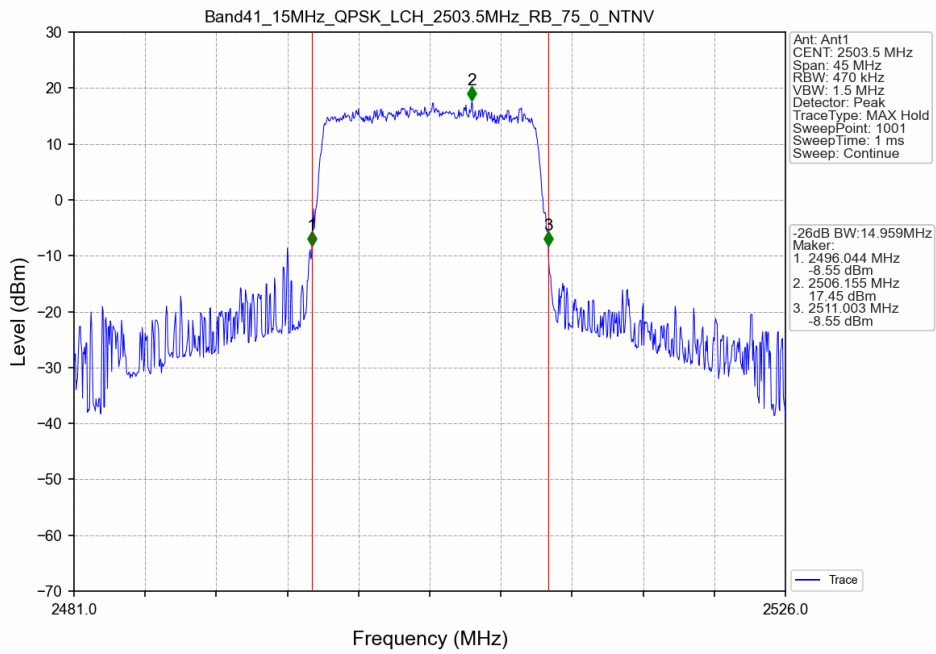
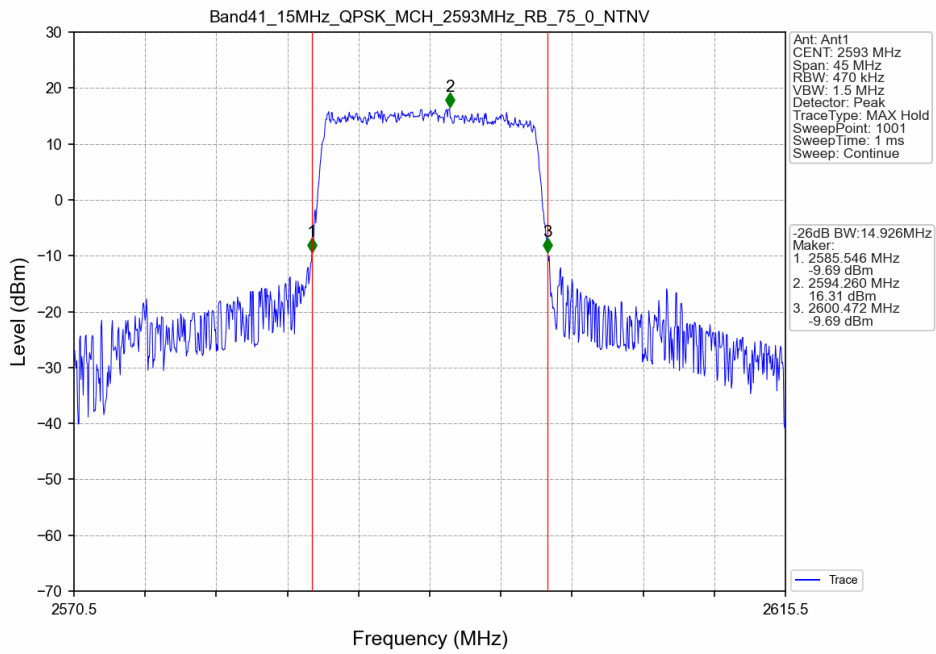


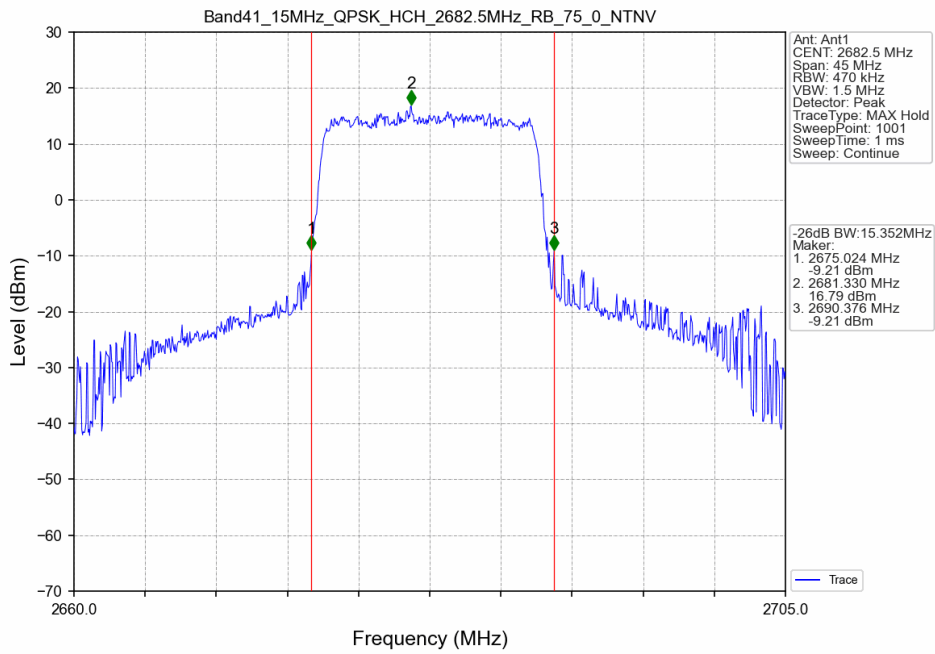
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



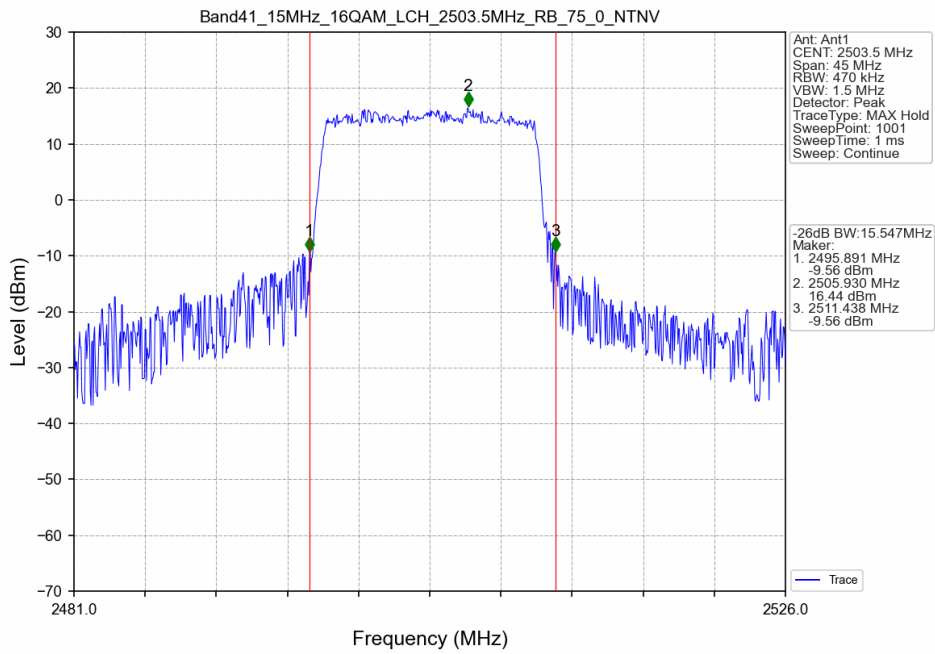
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



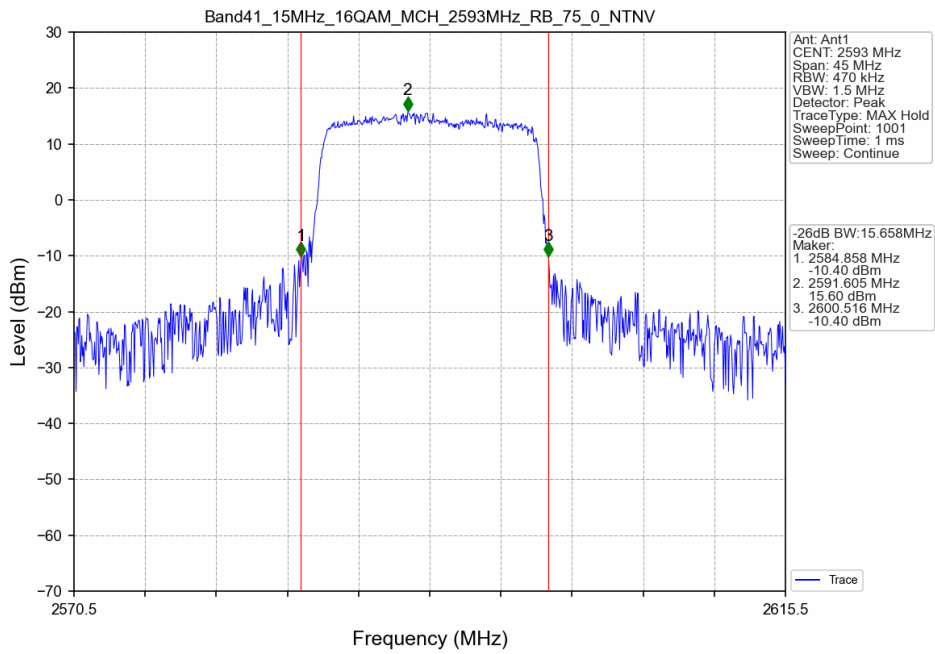
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



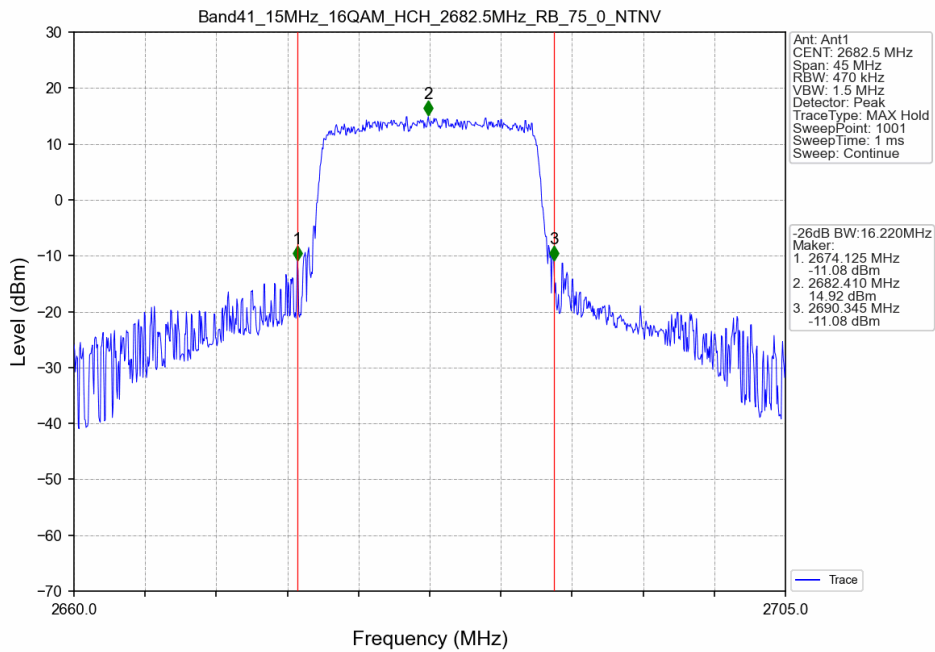
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



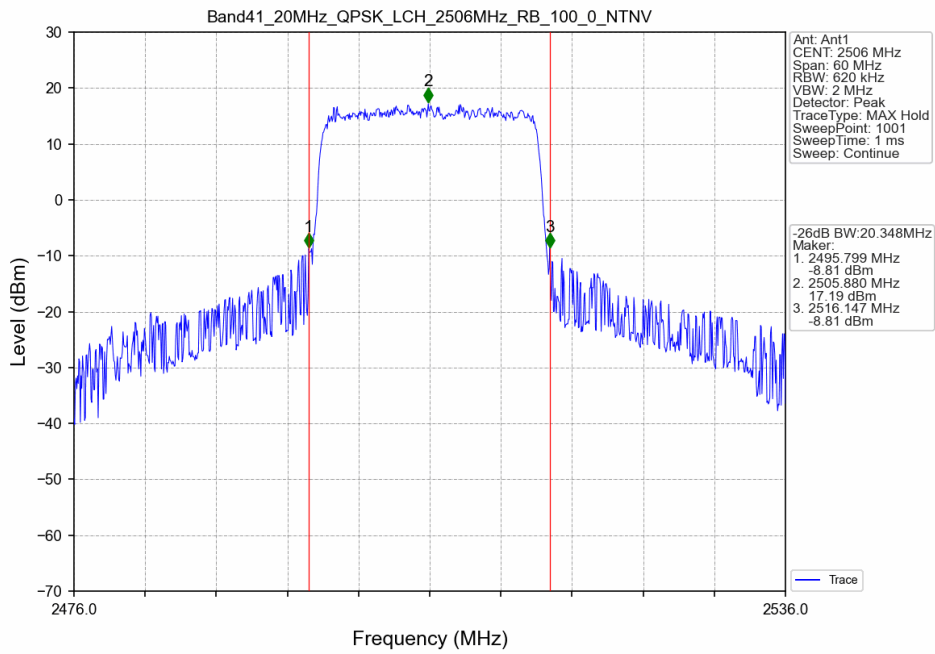
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



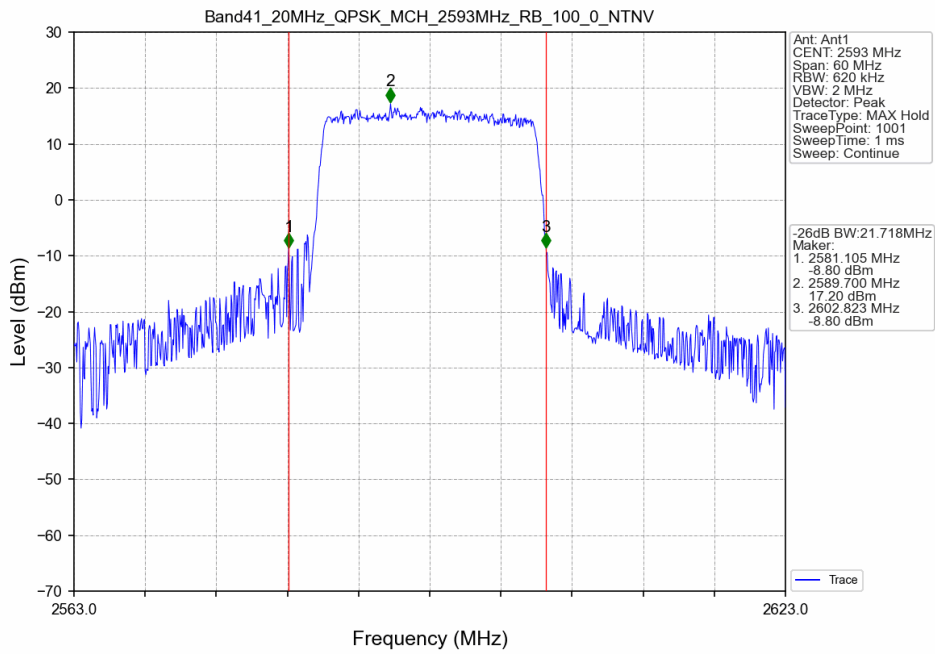
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



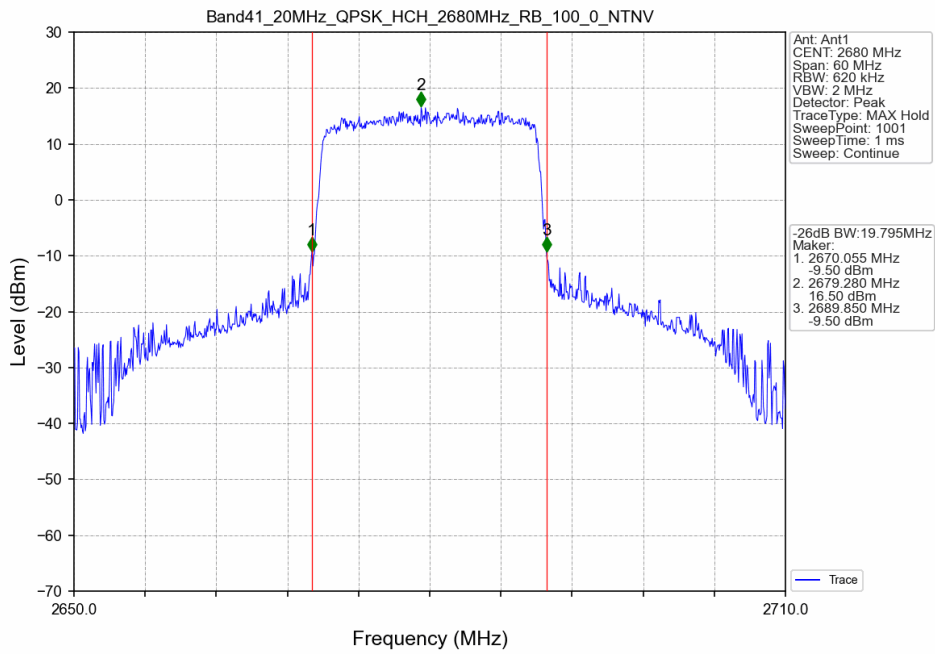
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



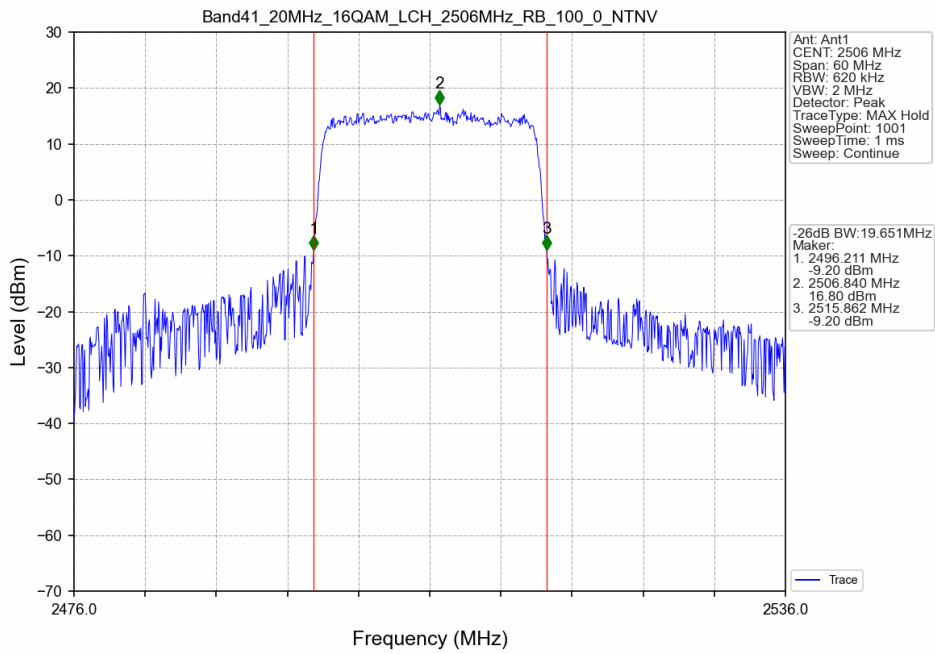
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



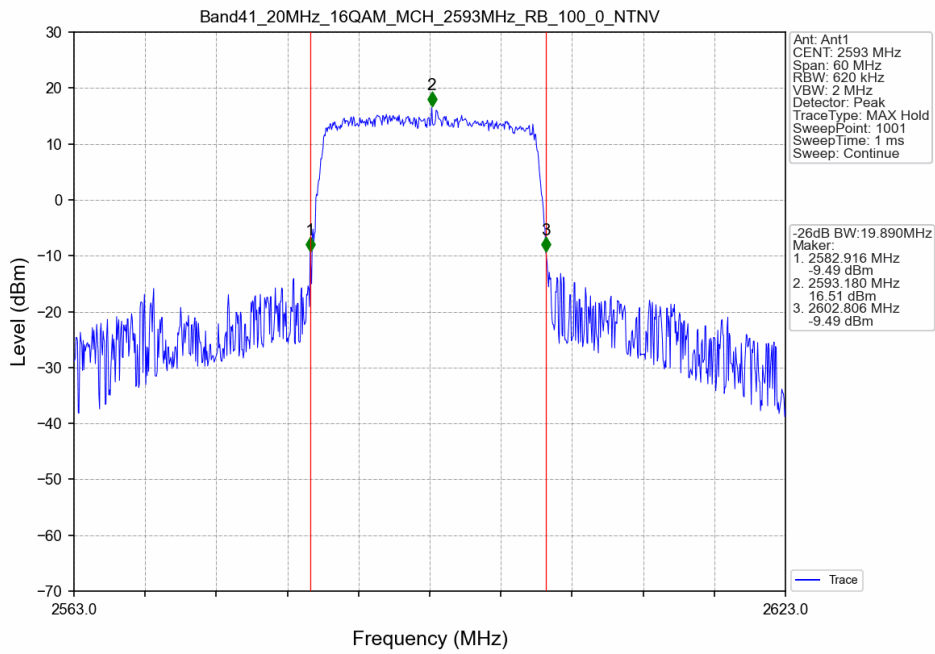
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



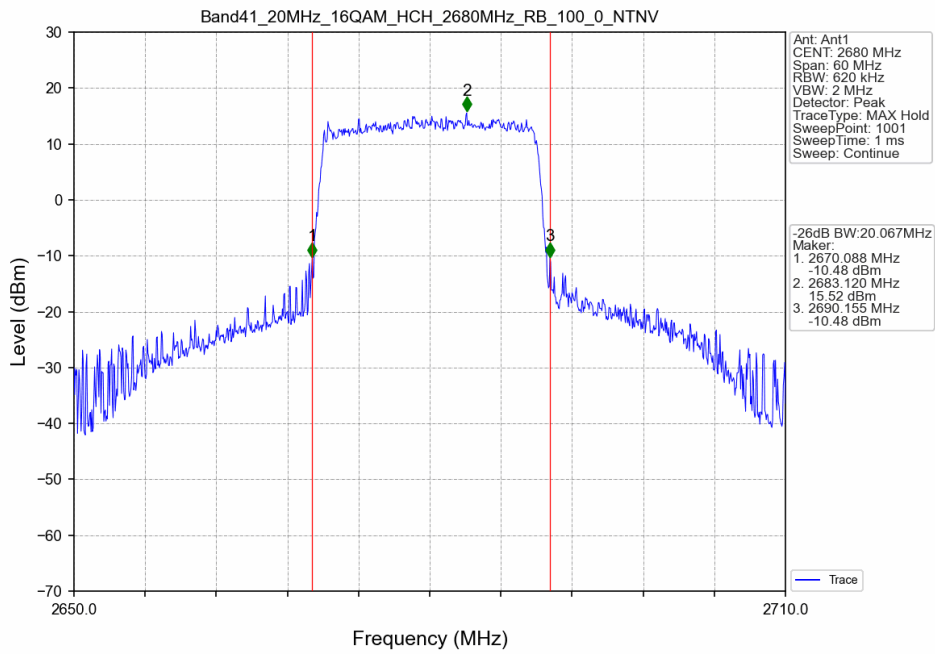
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



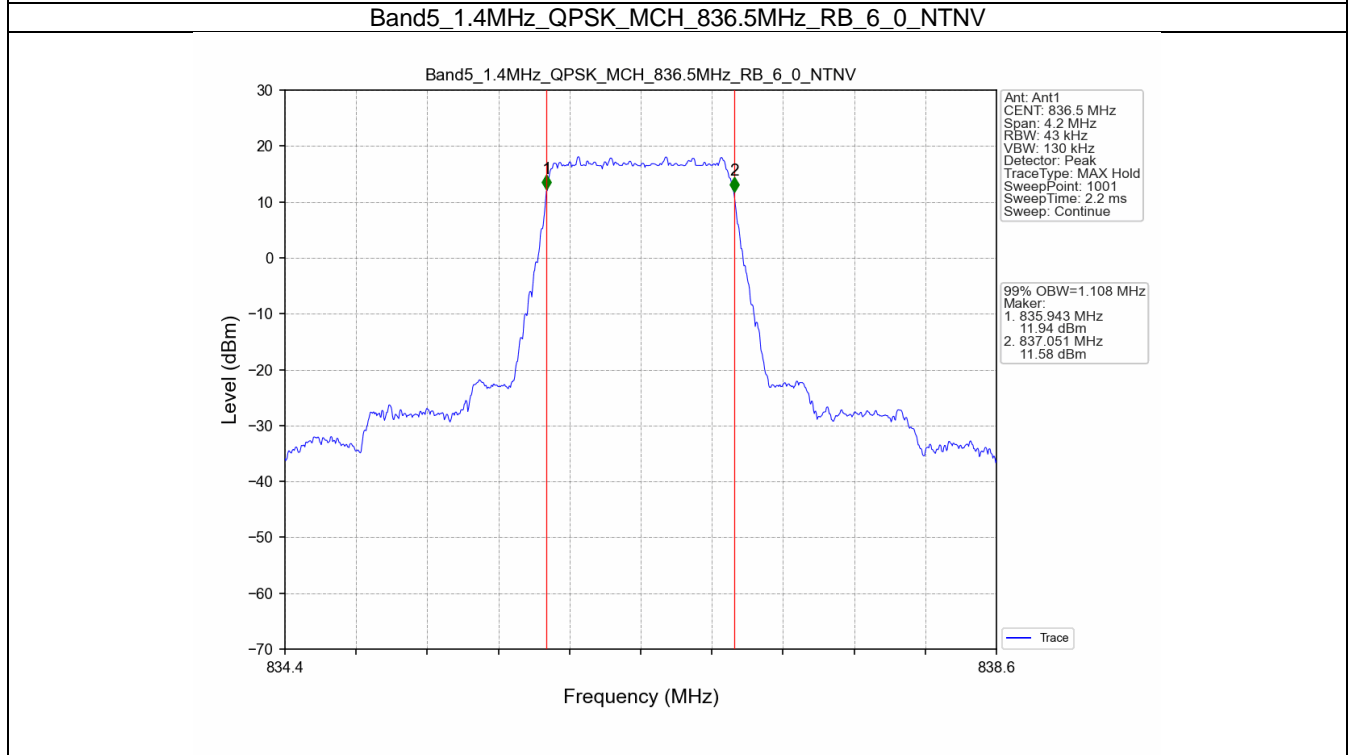
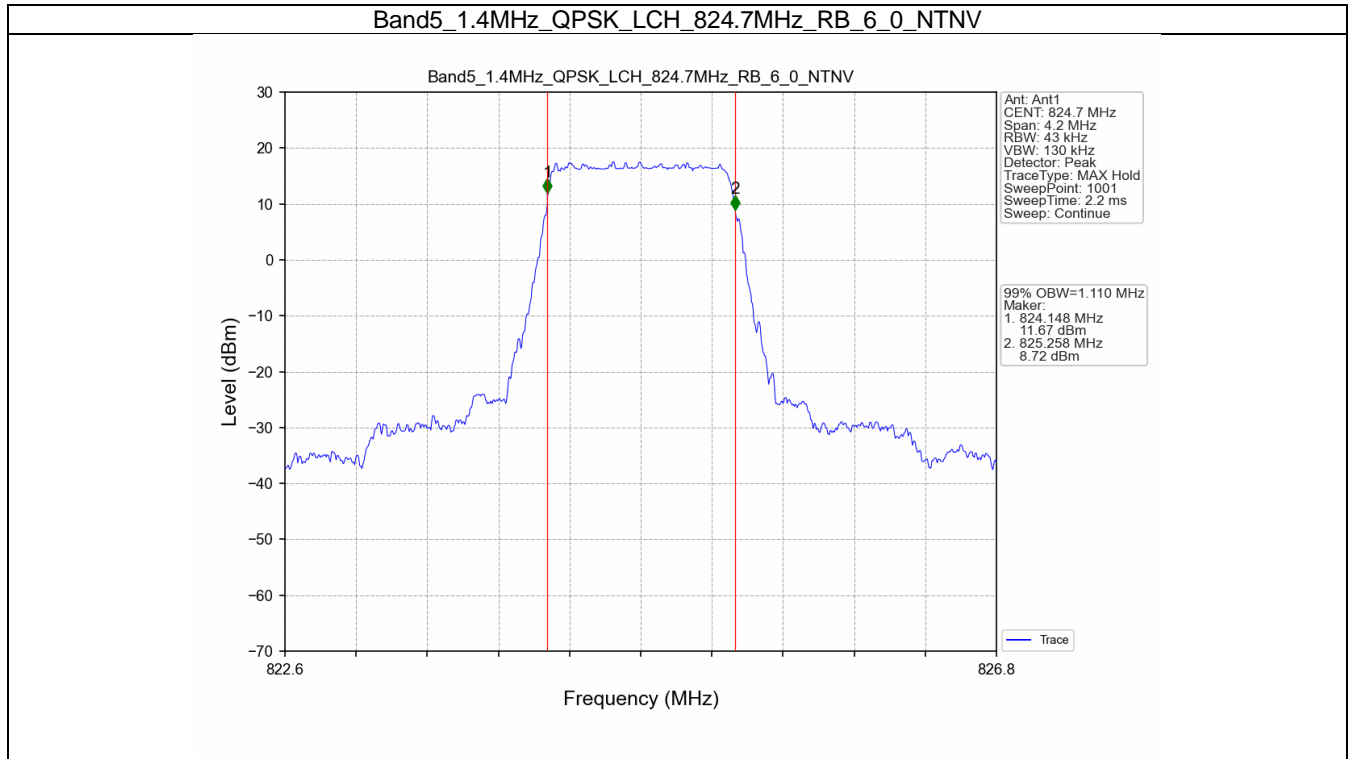
7. 99% & 26dB Bandwidth

7.1 Band5_OBW

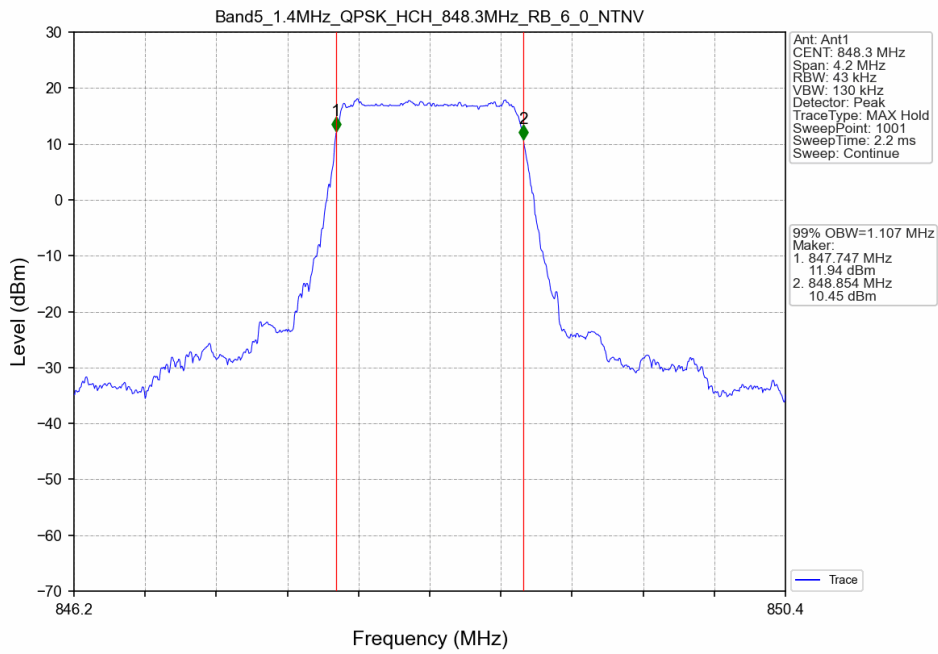
7.1.1 Test Result

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	1.110	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.107	/	Pass
	16QAM	824.7	6	0	1.111	/	Pass
		836.5	6	0	1.108	/	Pass
		848.3	6	0	1.113	/	Pass
3	QPSK	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.741	/	Pass
		847.5	15	0	2.743	/	Pass
	16QAM	825.5	15	0	2.742	/	Pass
		836.5	15	0	2.736	/	Pass
		847.5	15	0	2.731	/	Pass
5	QPSK	826.5	25	0	4.546	/	Pass
		836.5	25	0	4.532	/	Pass
		846.5	25	0	4.533	/	Pass
	16QAM	826.5	25	0	4.521	/	Pass
		836.5	25	0	4.560	/	Pass
		846.5	25	0	4.540	/	Pass
10	QPSK	829	50	0	9.040	/	Pass
		836.5	50	0	9.032	/	Pass
		844	50	0	9.018	/	Pass
	16QAM	829	50	0	9.002	/	Pass
		836.5	50	0	9.045	/	Pass
		844	50	0	9.034	/	Pass

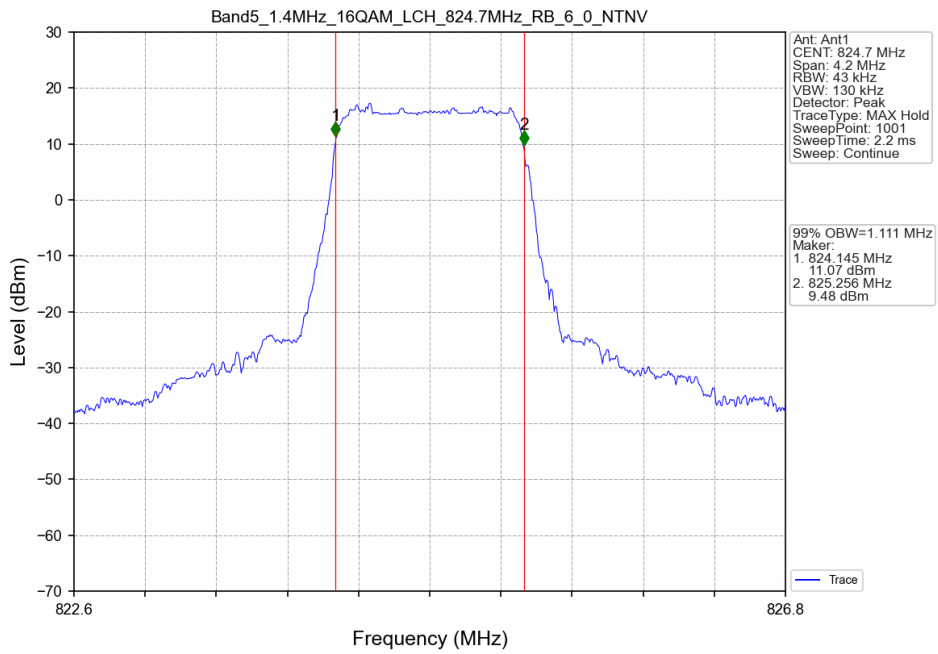
7.1.2 Test Graph



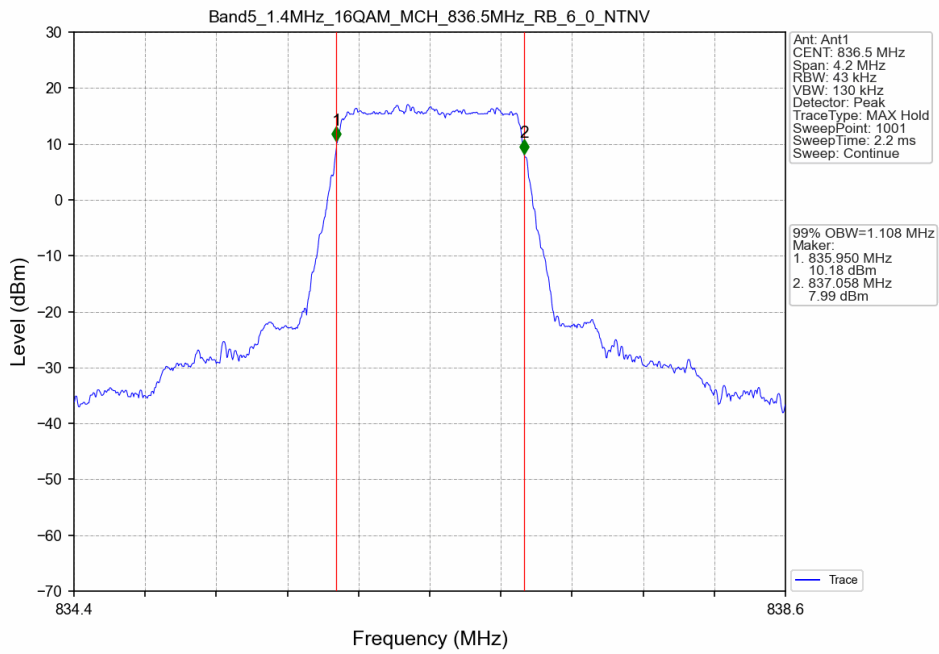
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



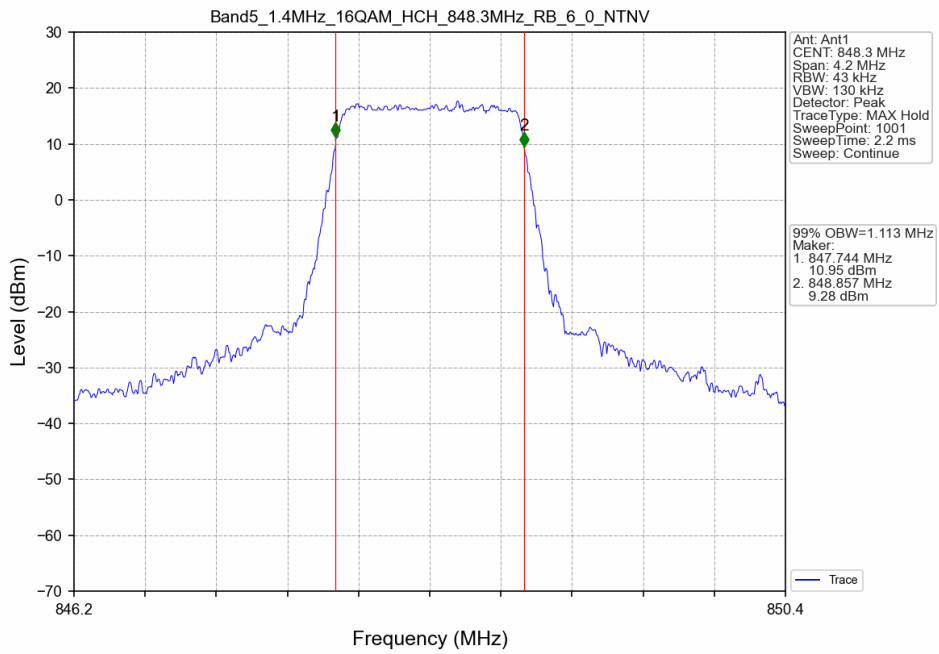
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



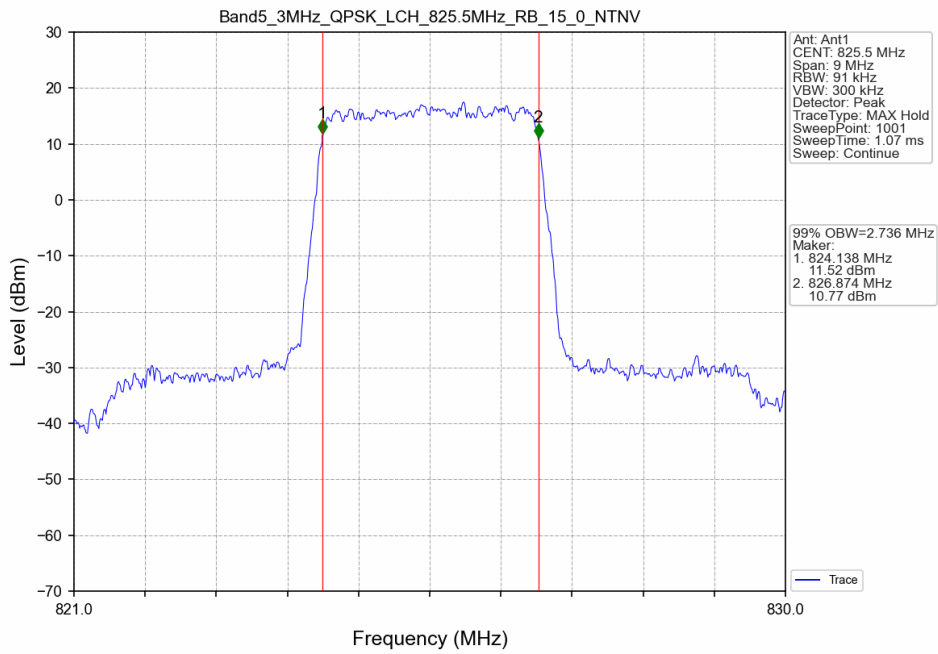
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



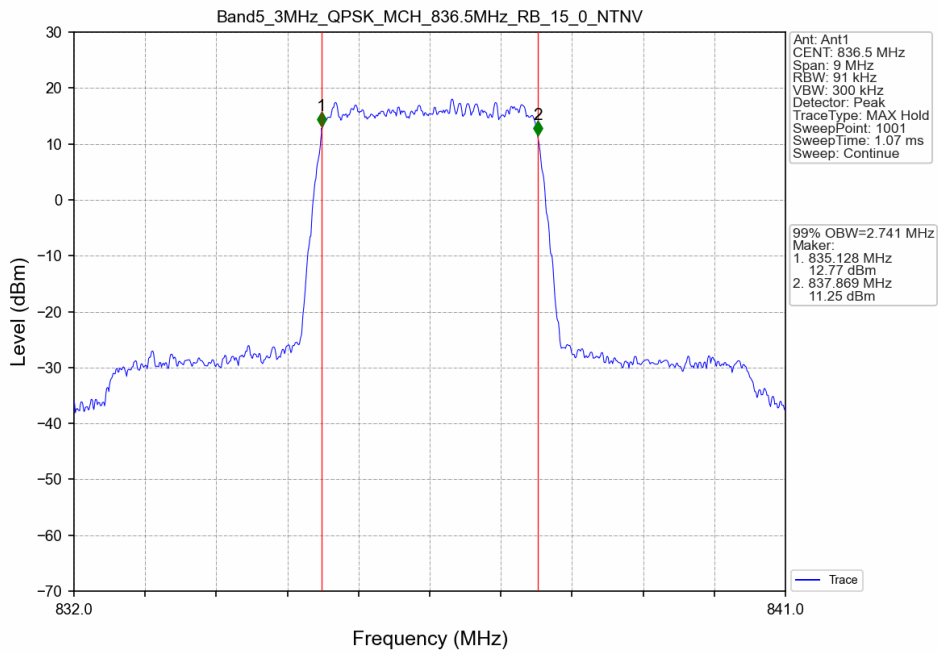
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



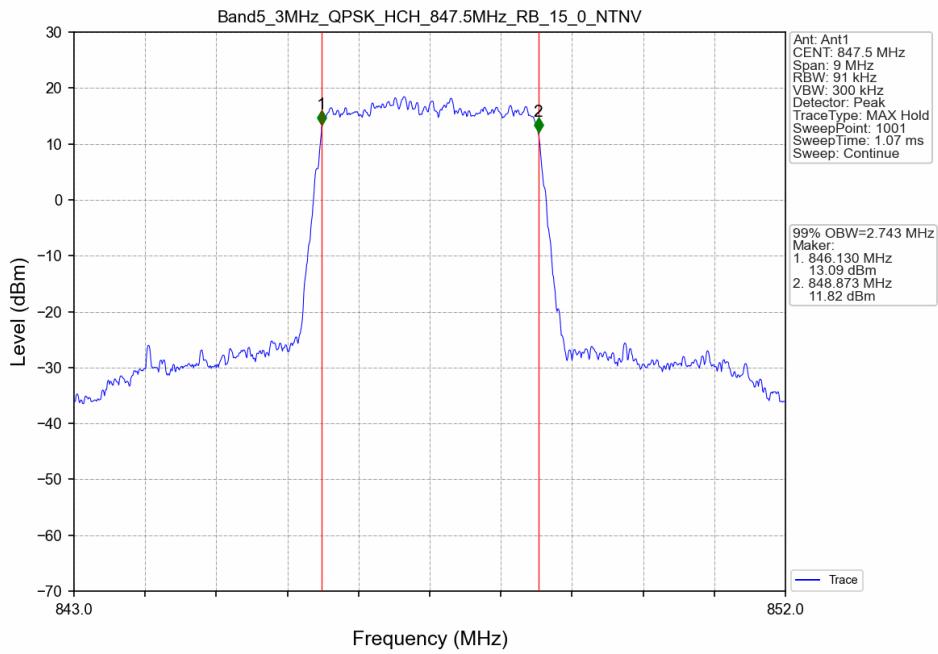
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



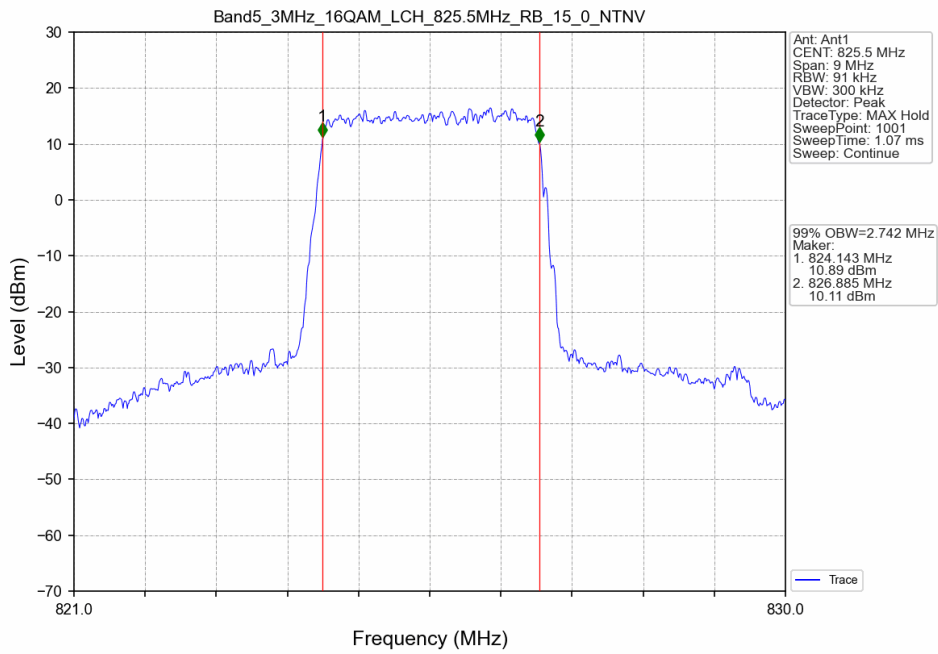
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



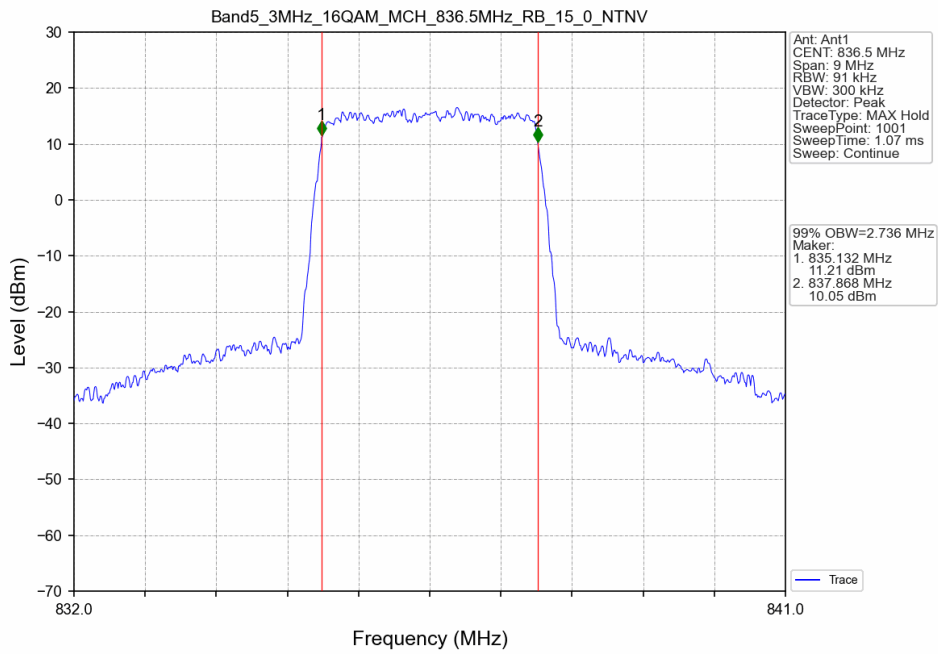
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



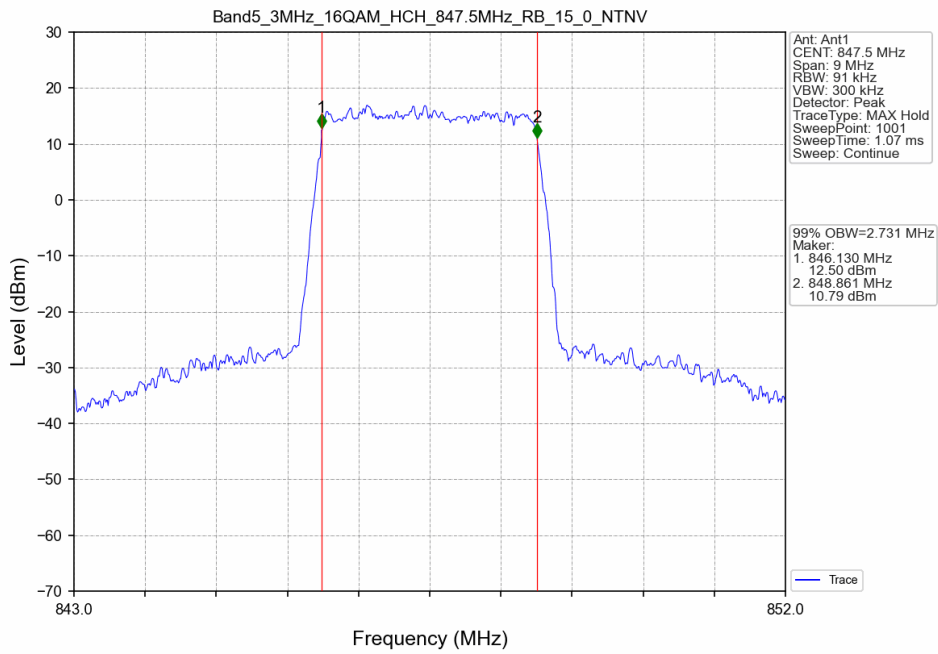
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



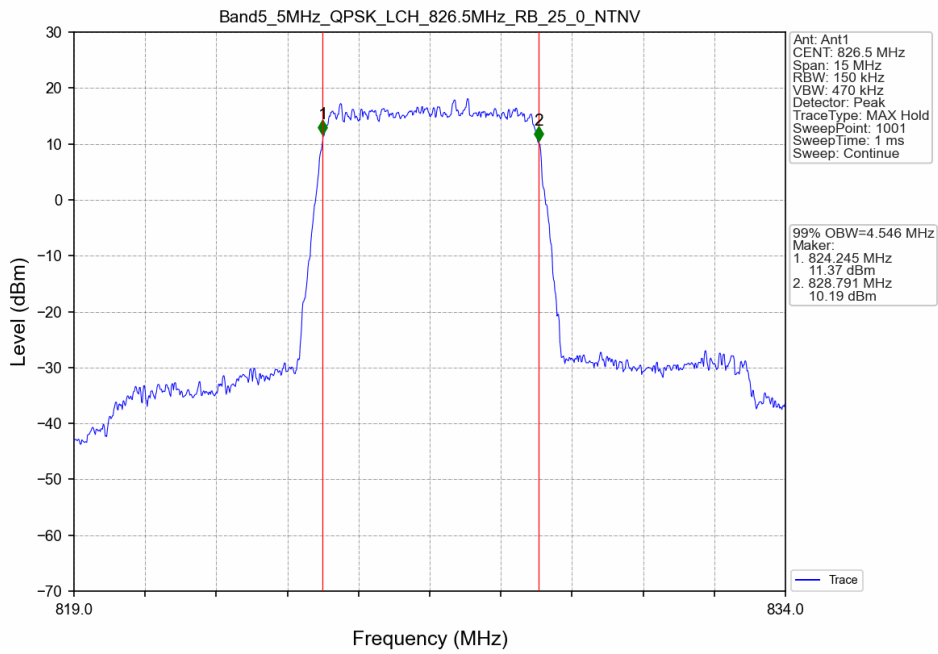
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



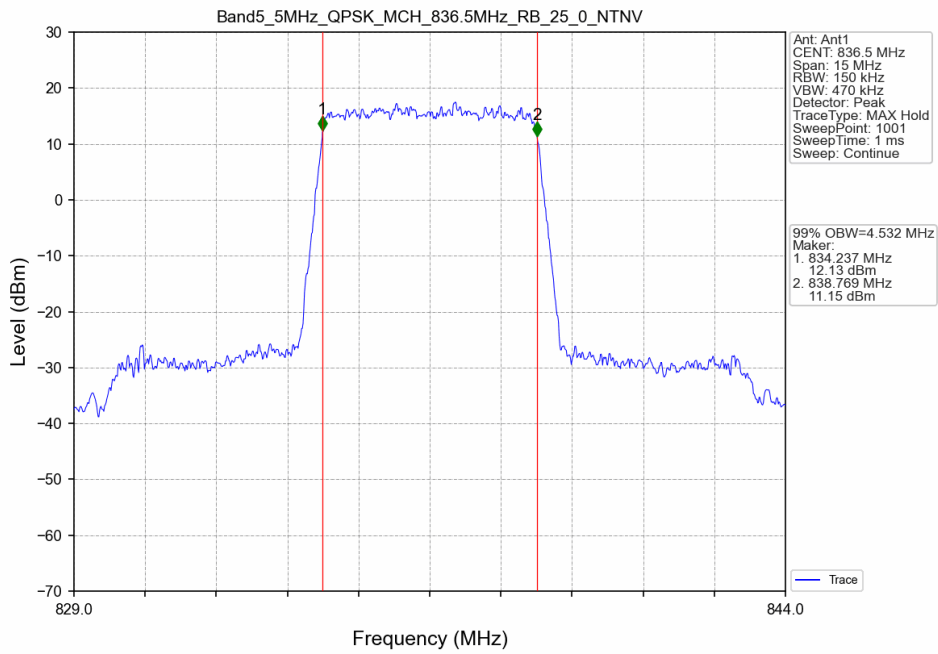
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



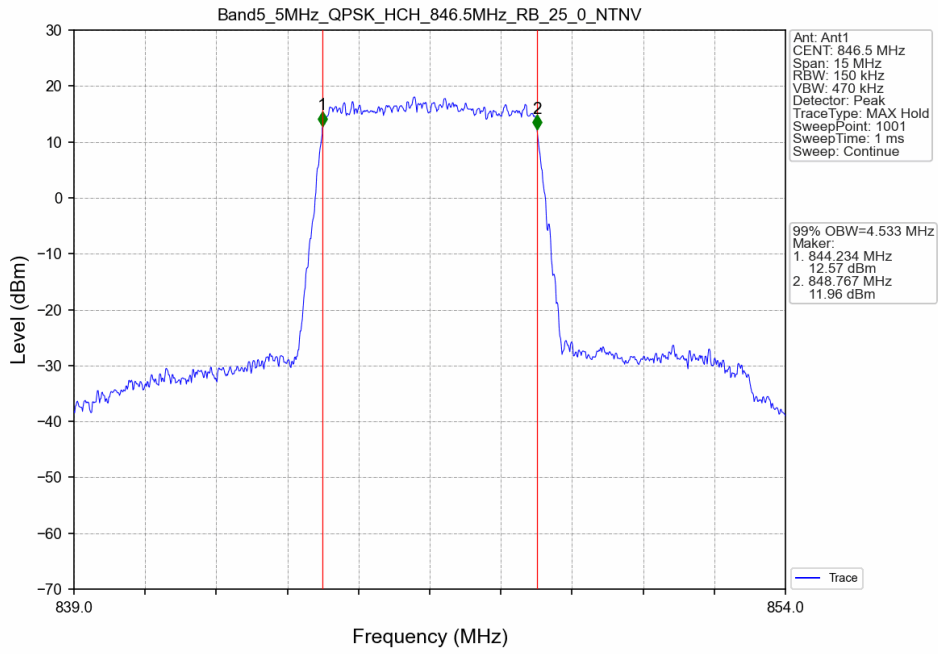
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



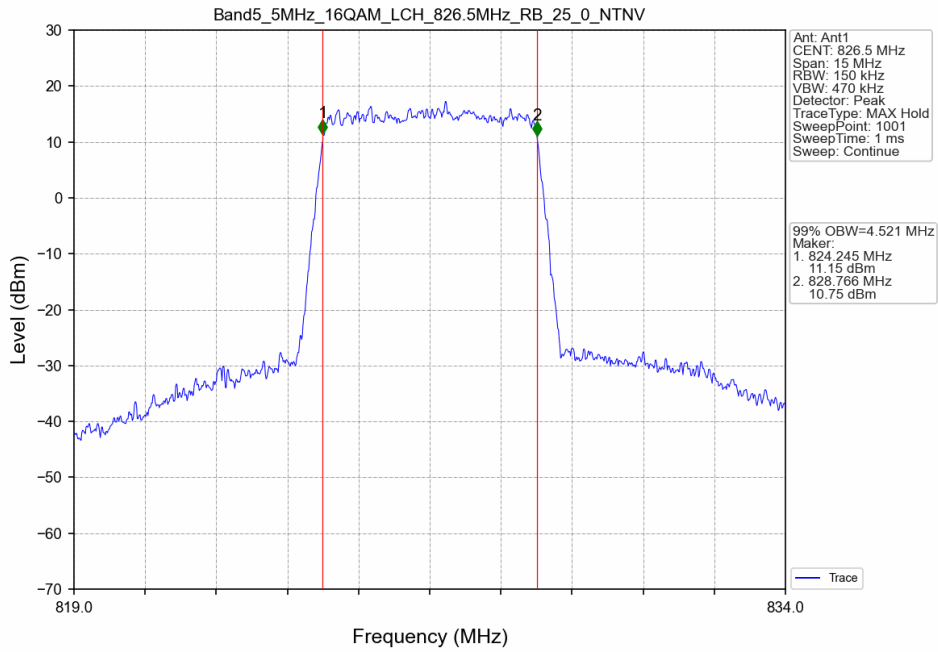
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



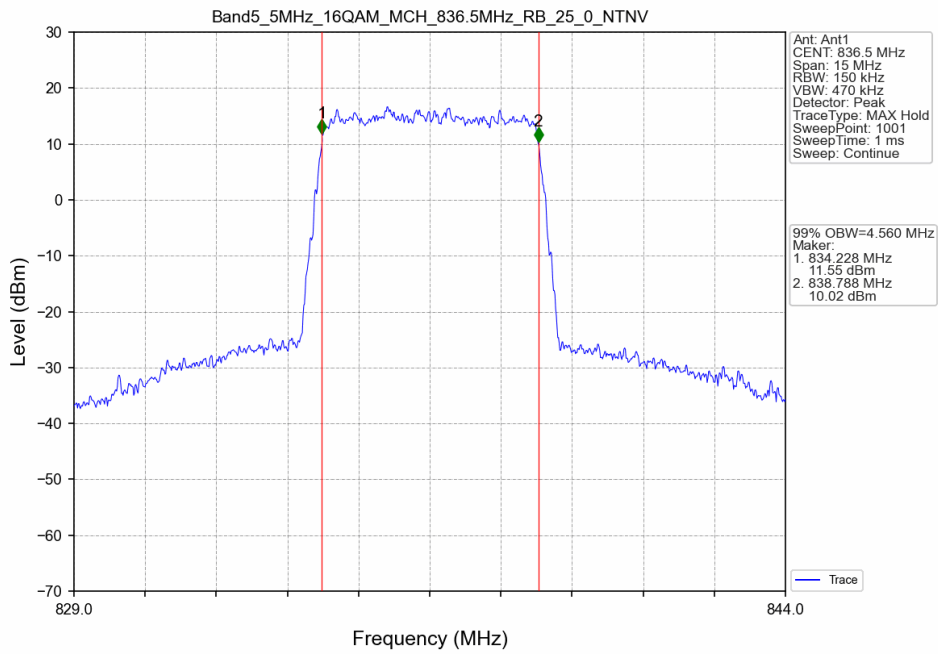
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



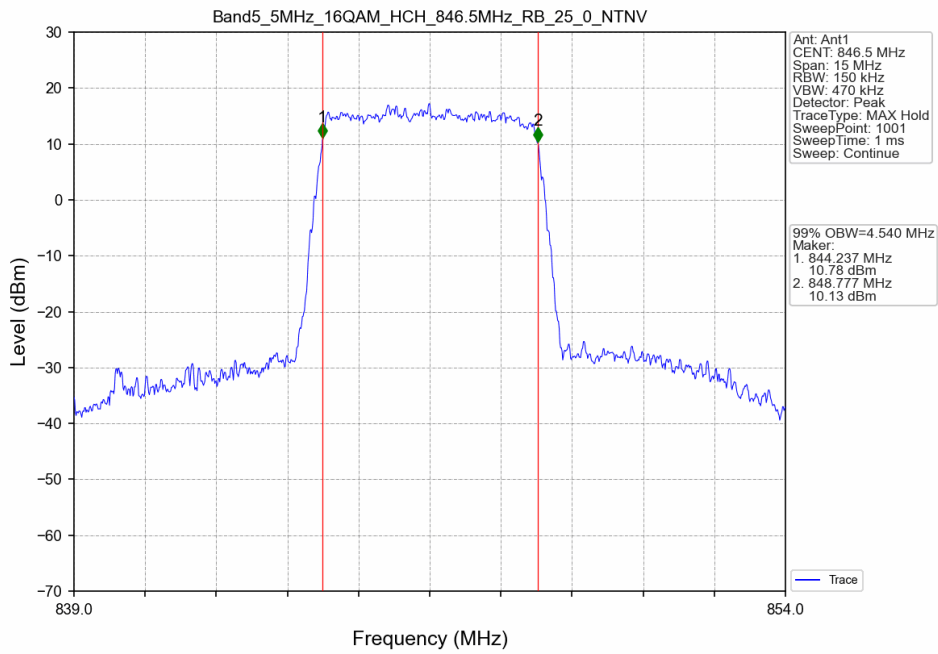
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



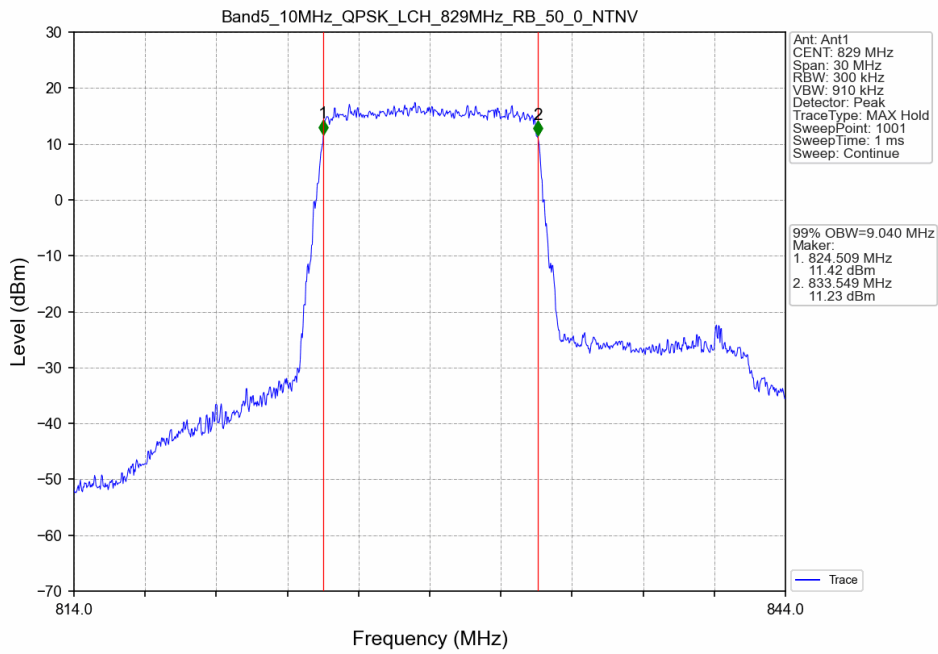
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



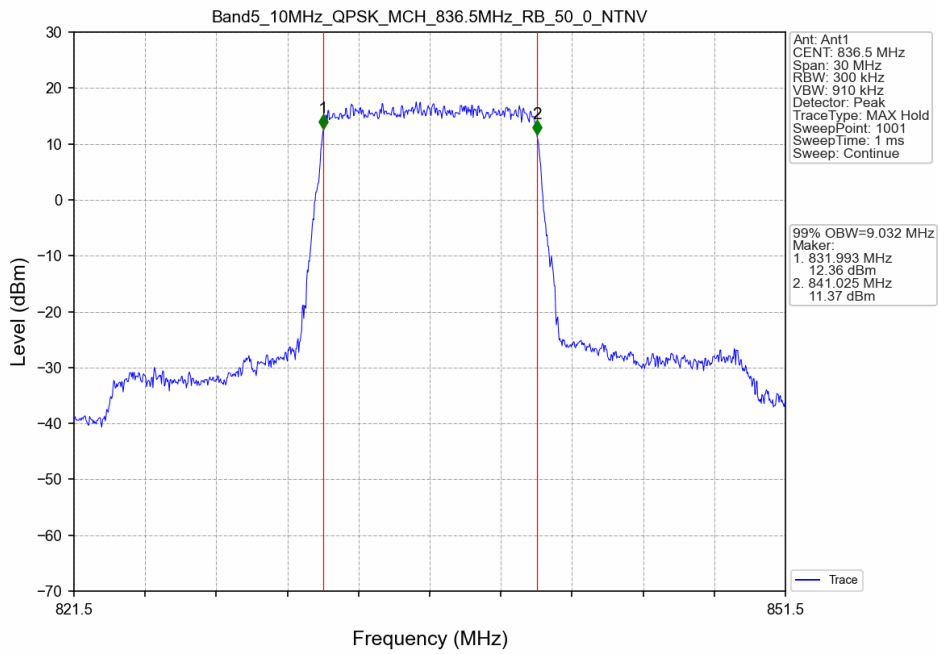
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



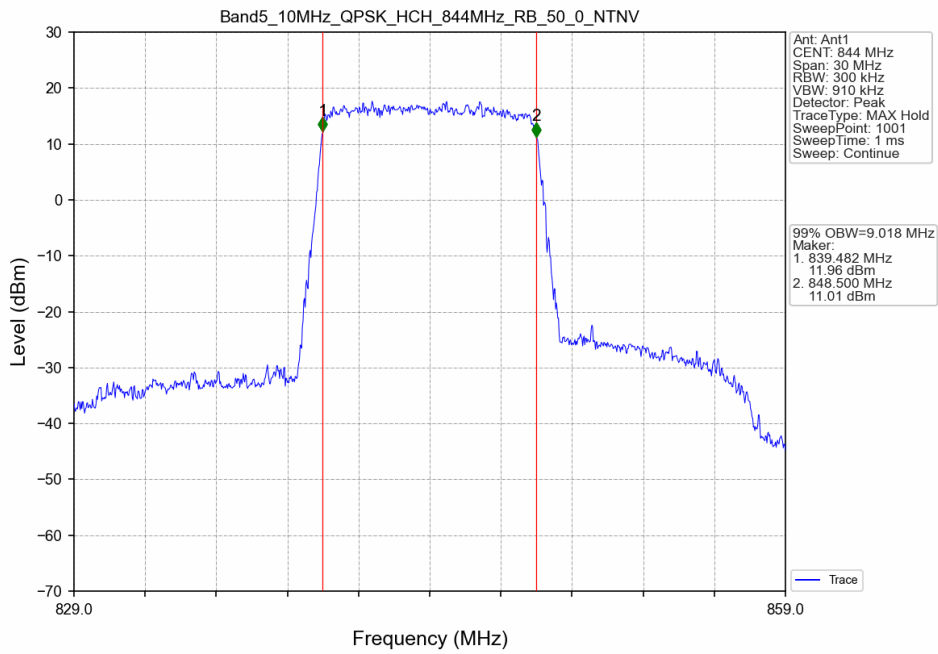
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



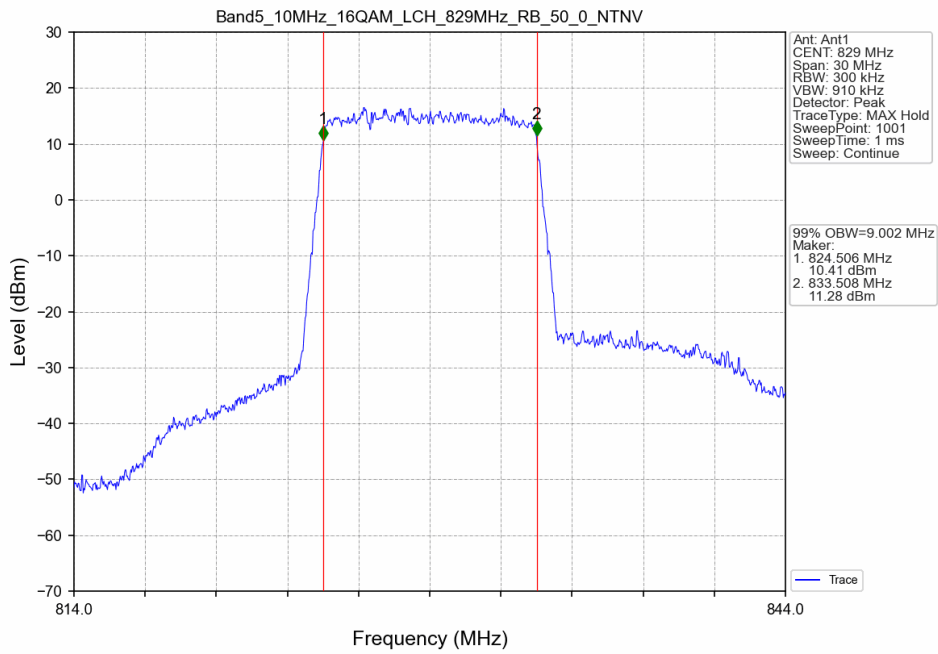
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



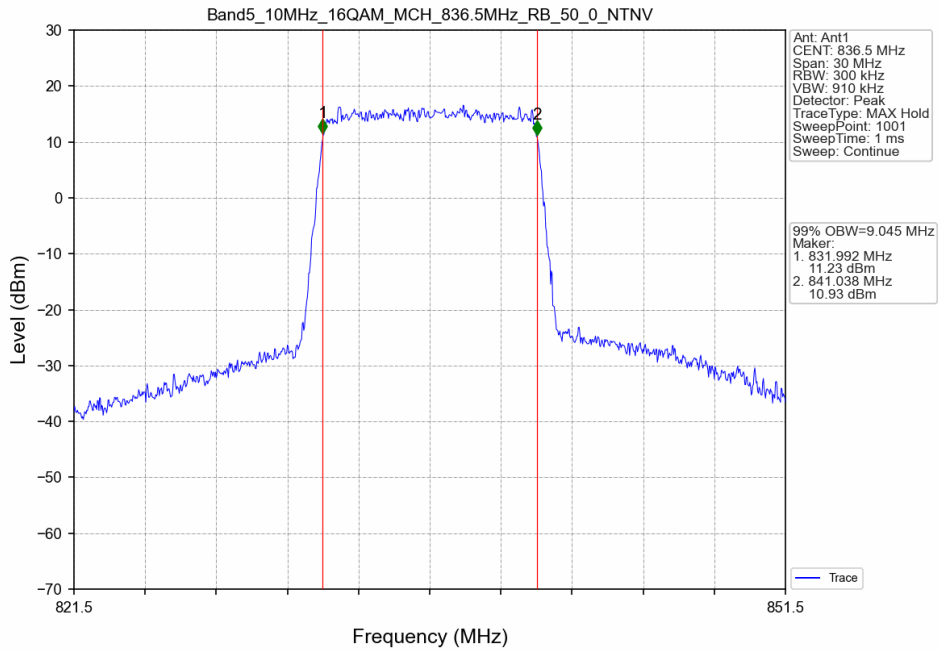
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



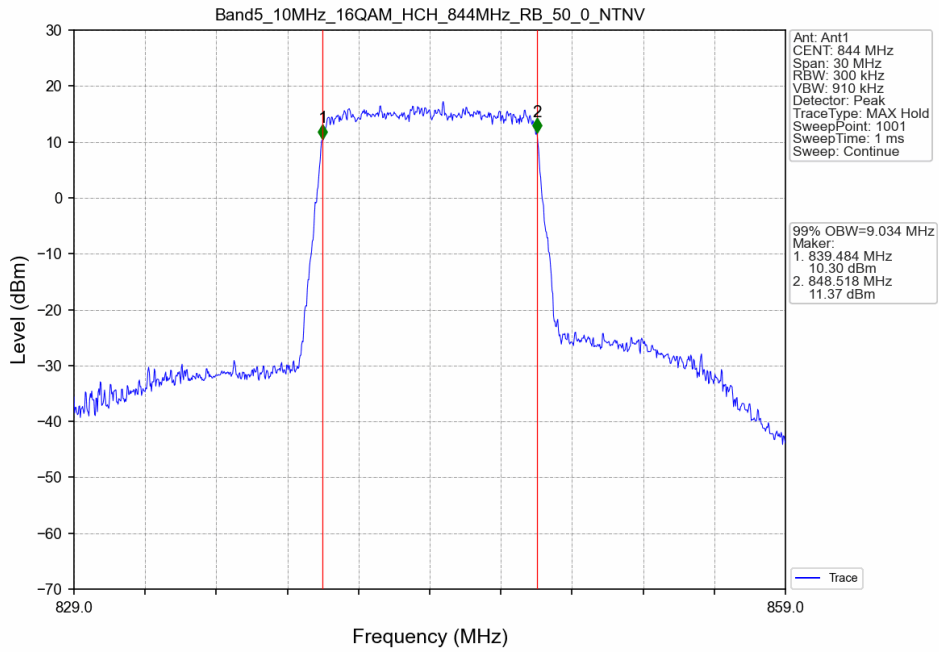
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

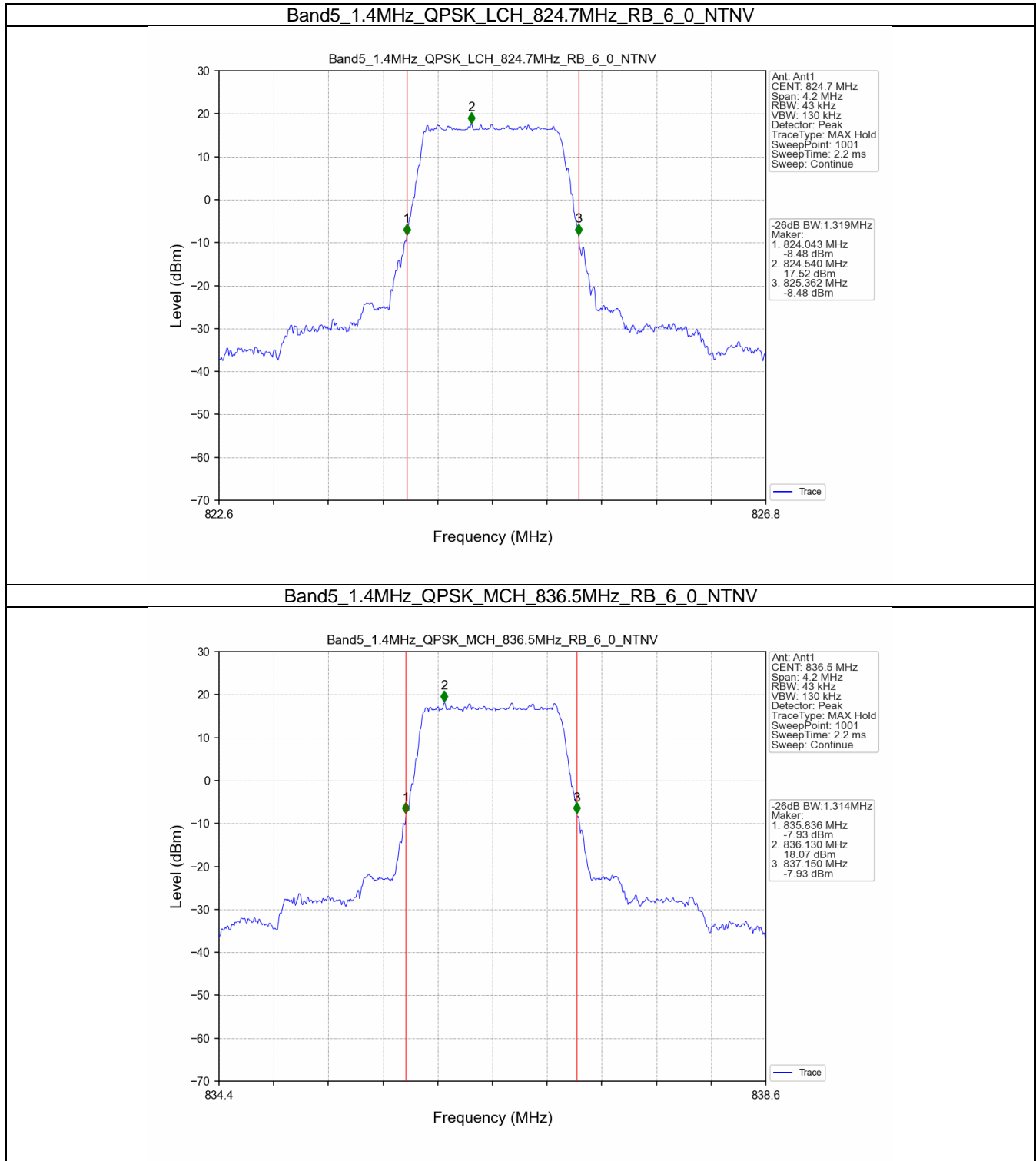


7.2 Band5_XDB

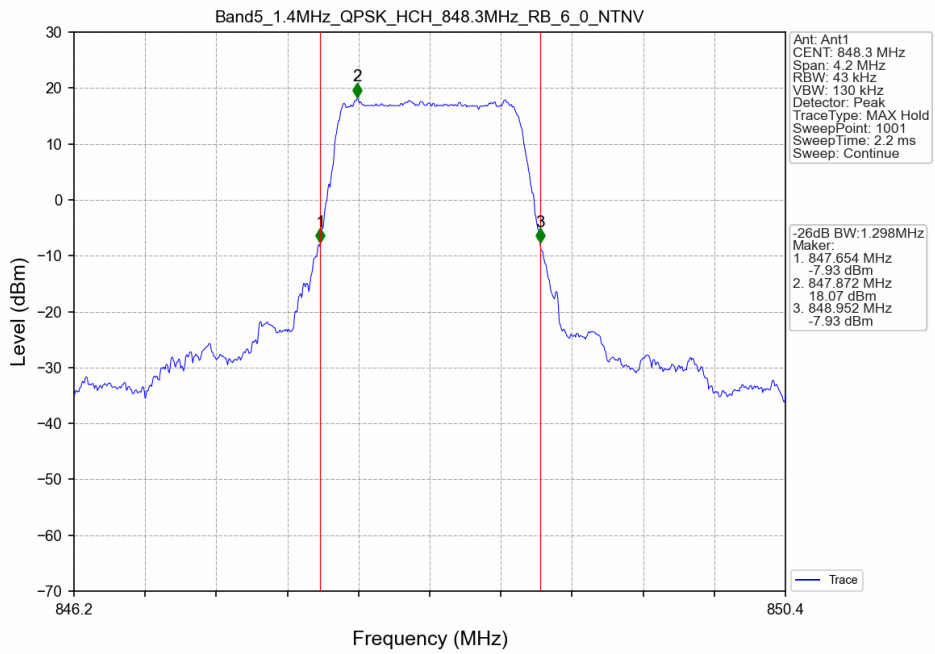
7.2.1 Test Result

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	1.319	/	Pass
		836.5	6	0	1.314	/	Pass
		848.3	6	0	1.298	/	Pass
	16QAM	824.7	6	0	1.290	/	Pass
		836.5	6	0	1.329	/	Pass
		848.3	6	0	1.324	/	Pass
3	QPSK	825.5	15	0	3.055	/	Pass
		836.5	15	0	3.045	/	Pass
		847.5	15	0	3.047	/	Pass
	16QAM	825.5	15	0	3.036	/	Pass
		836.5	15	0	3.046	/	Pass
		847.5	15	0	3.056	/	Pass
5	QPSK	826.5	25	0	5.069	/	Pass
		836.5	25	0	5.052	/	Pass
		846.5	25	0	5.082	/	Pass
	16QAM	826.5	25	0	5.034	/	Pass
		836.5	25	0	5.091	/	Pass
		846.5	25	0	5.104	/	Pass
10	QPSK	829	50	0	9.982	/	Pass
		836.5	50	0	10.030	/	Pass
		844	50	0	10.038	/	Pass
	16QAM	829	50	0	10.038	/	Pass
		836.5	50	0	9.997	/	Pass
		844	50	0	9.970	/	Pass

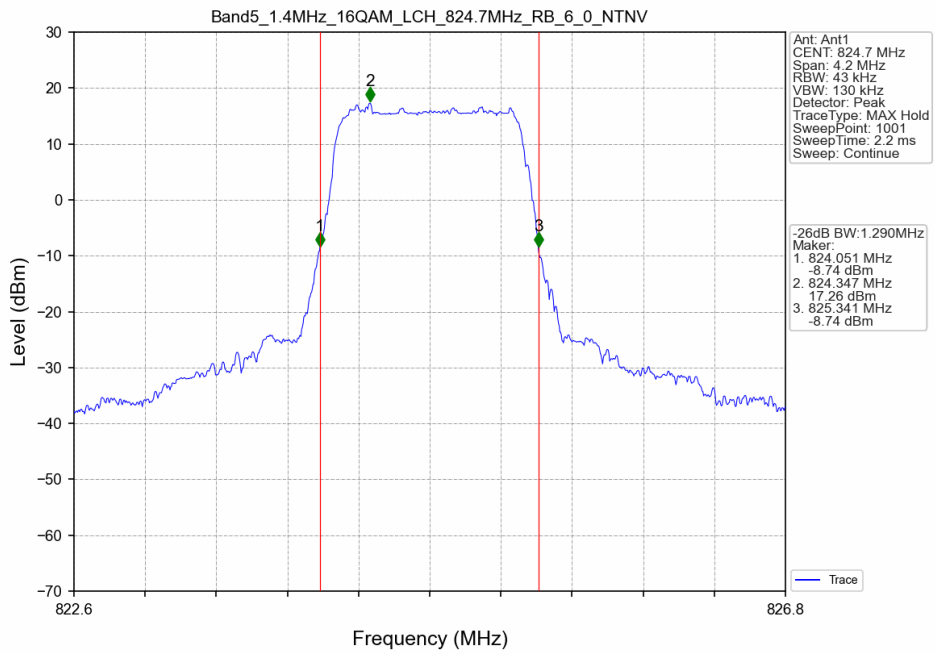
7.2.2 Test Graph



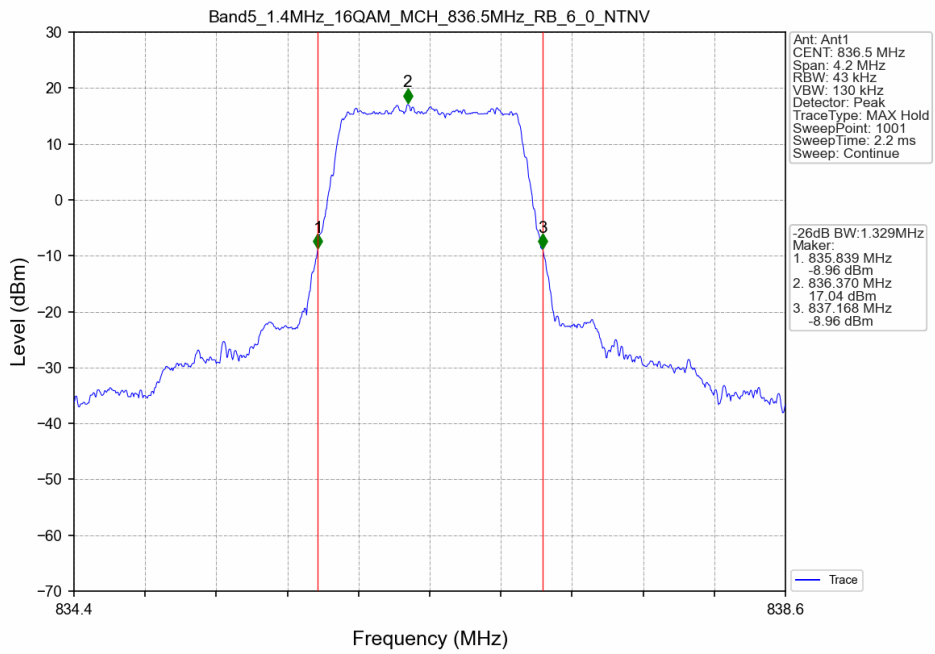
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



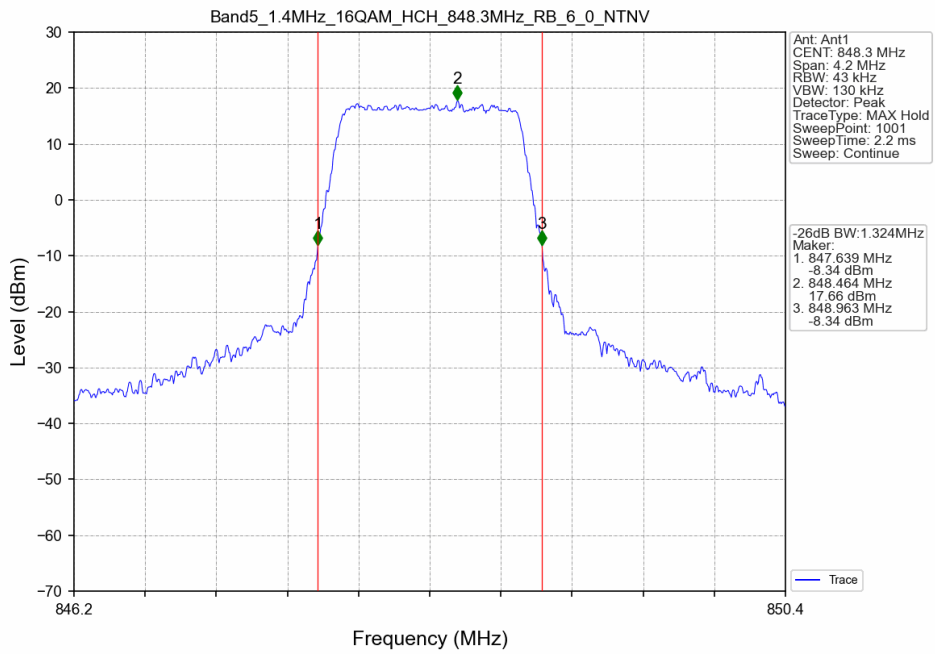
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



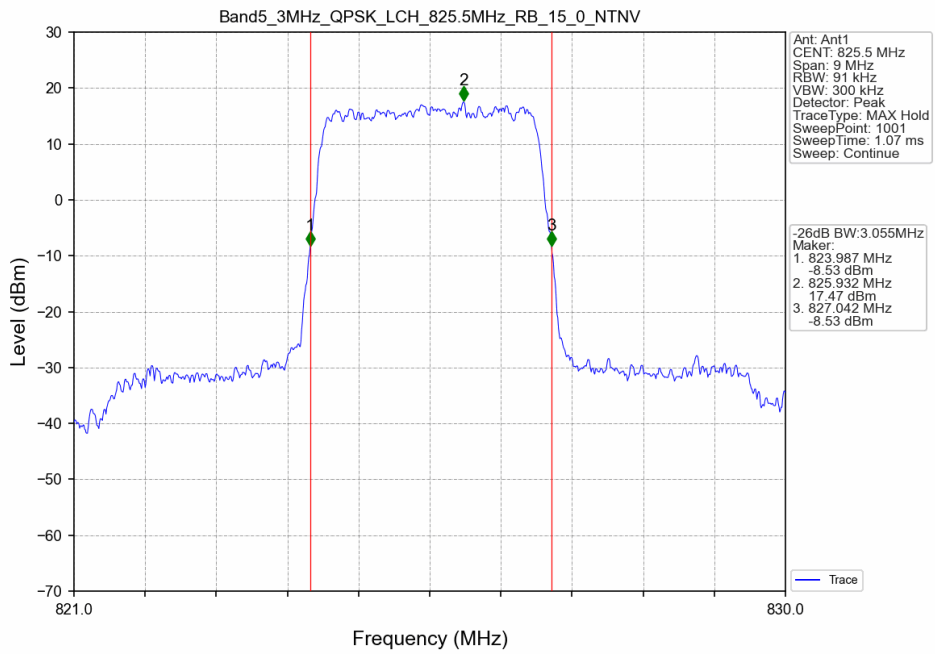
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



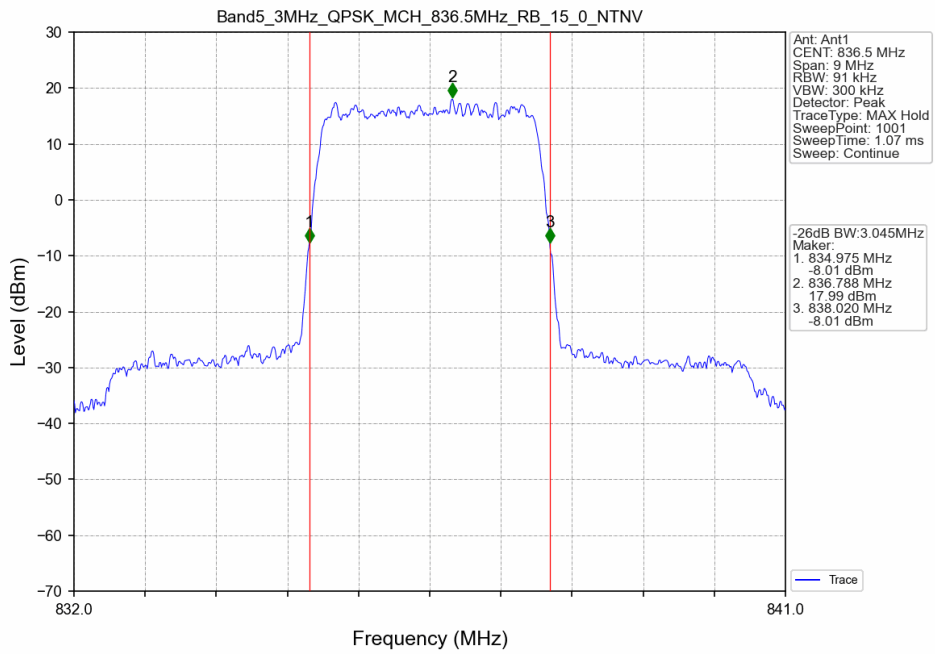
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



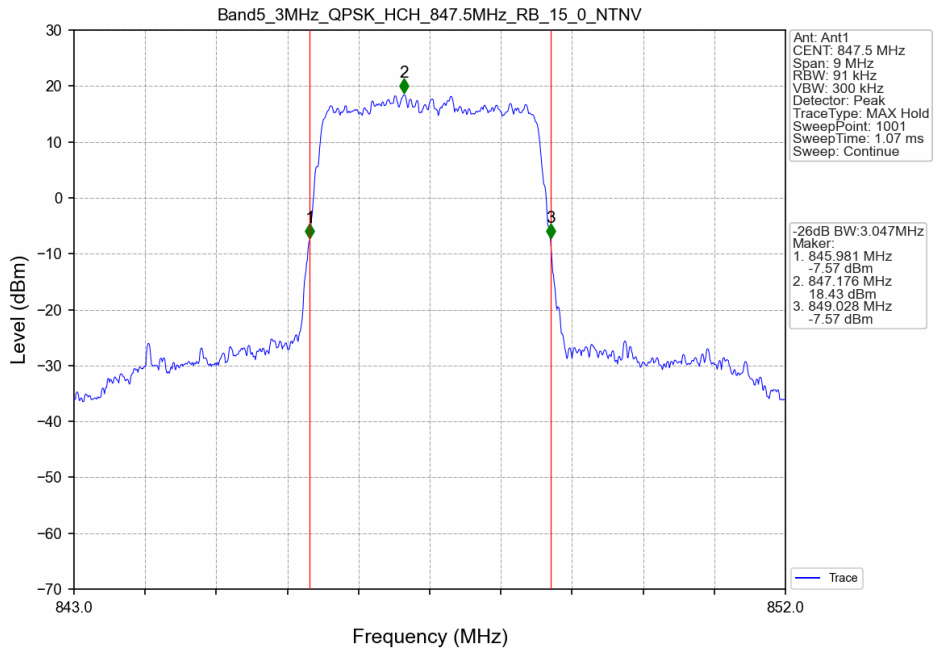
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



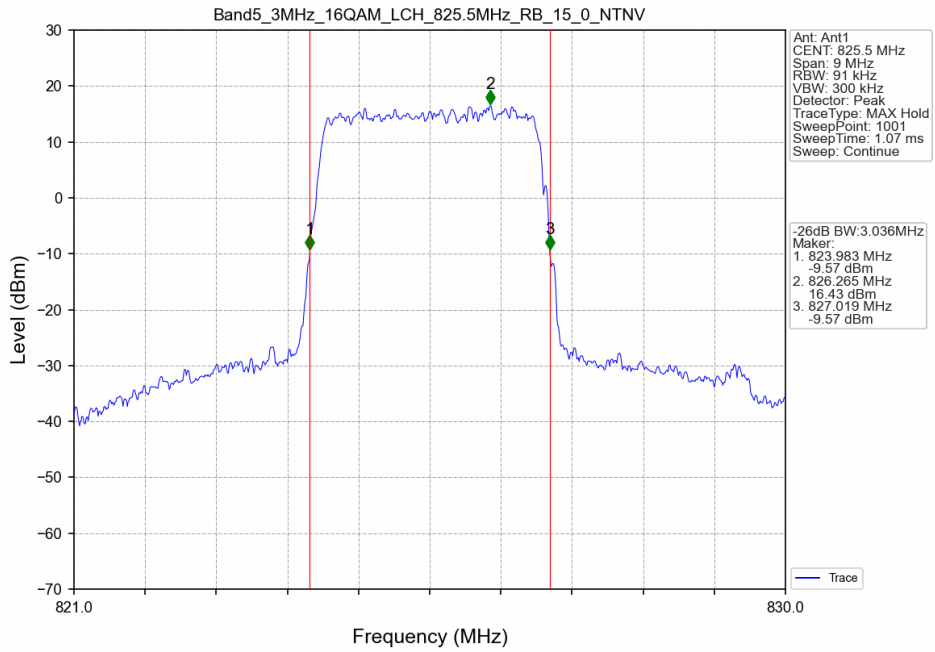
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



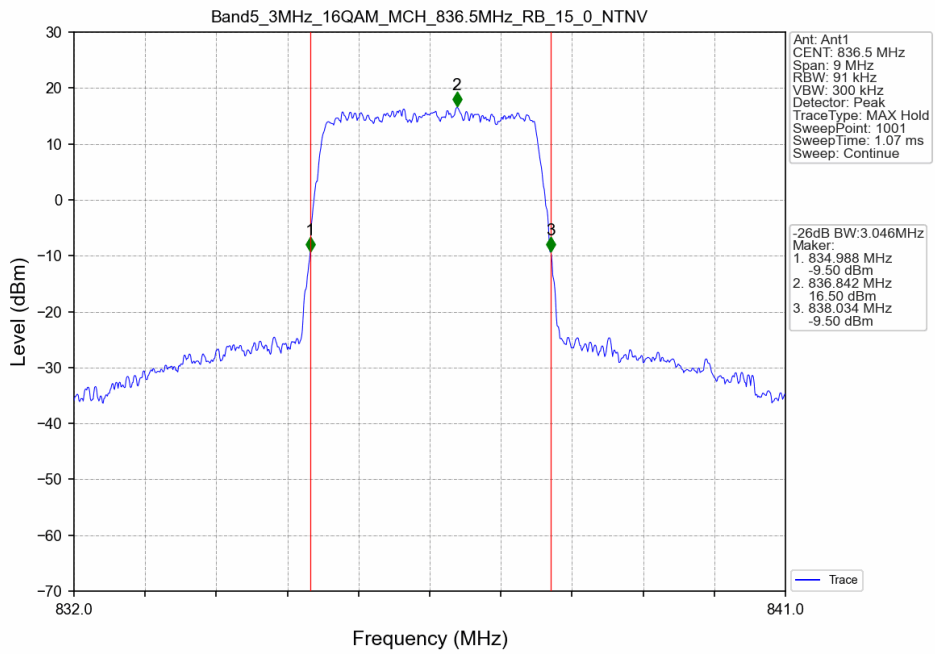
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



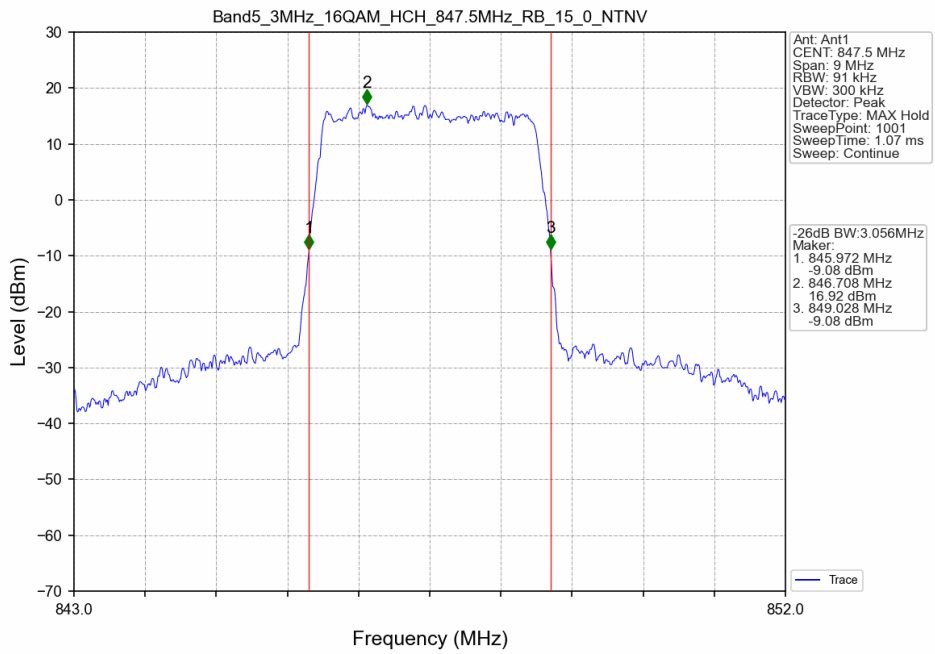
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



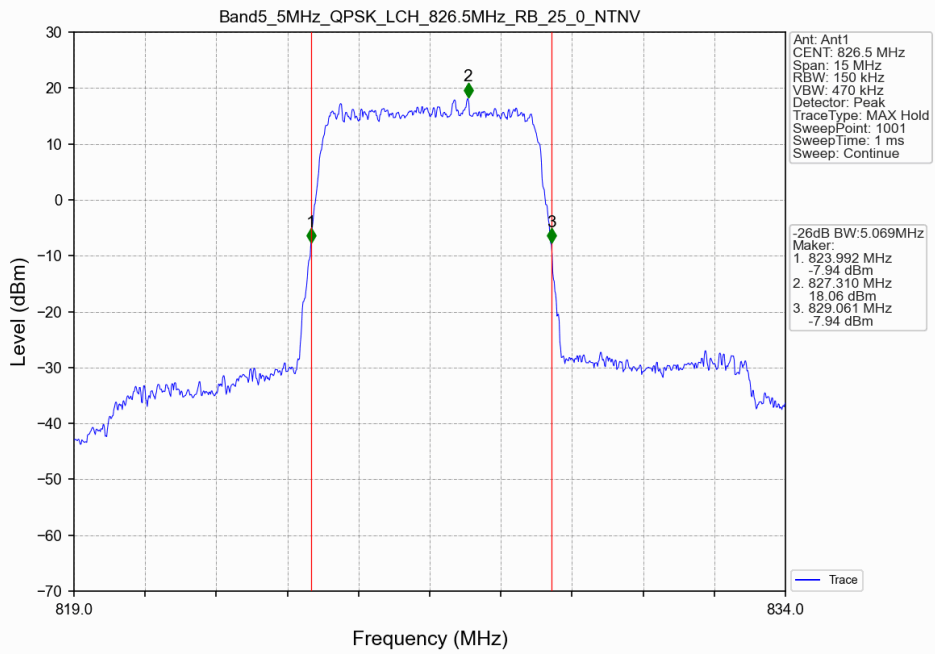
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



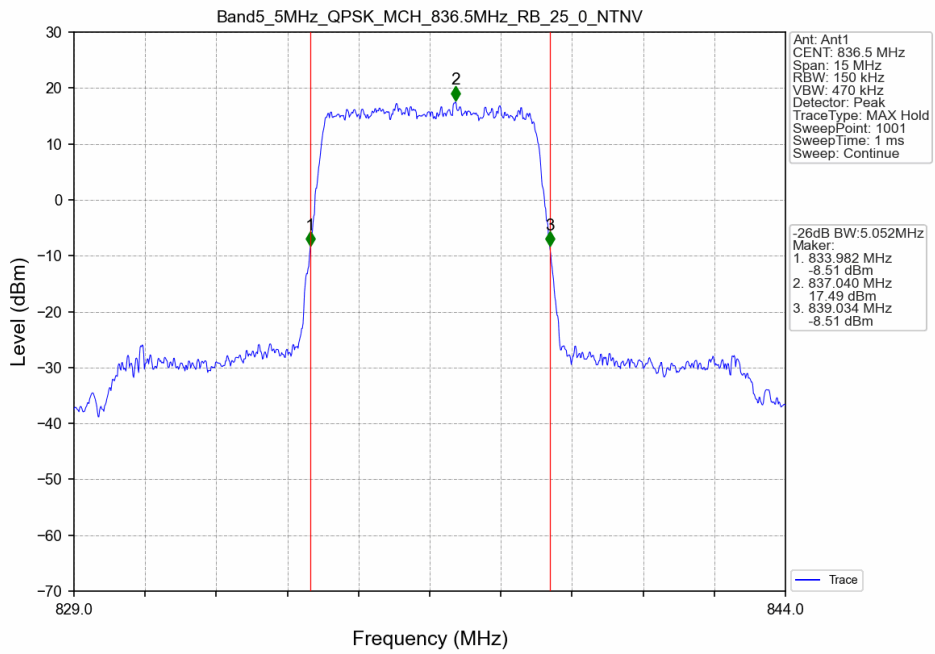
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



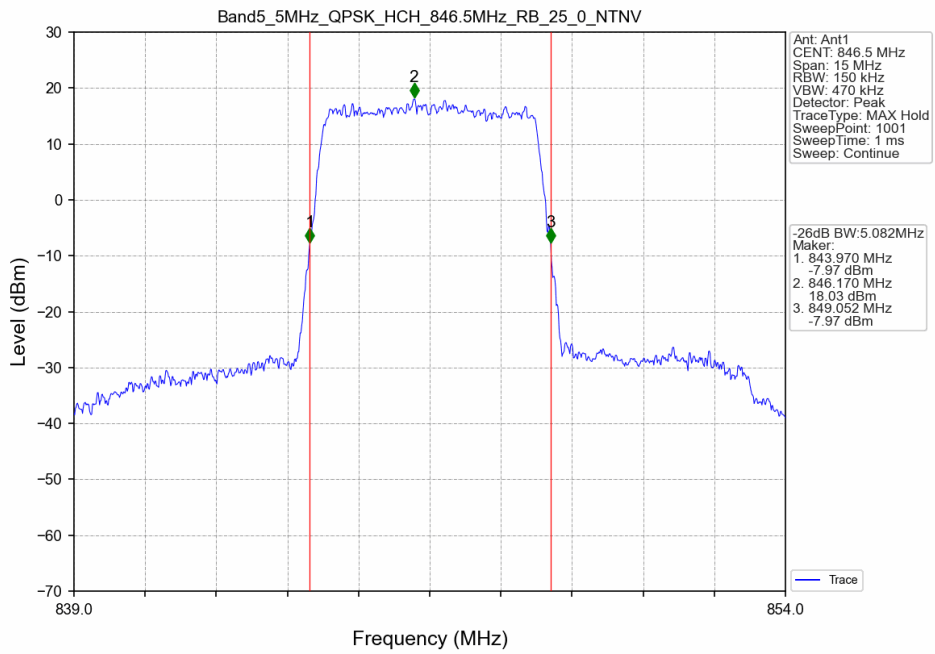
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



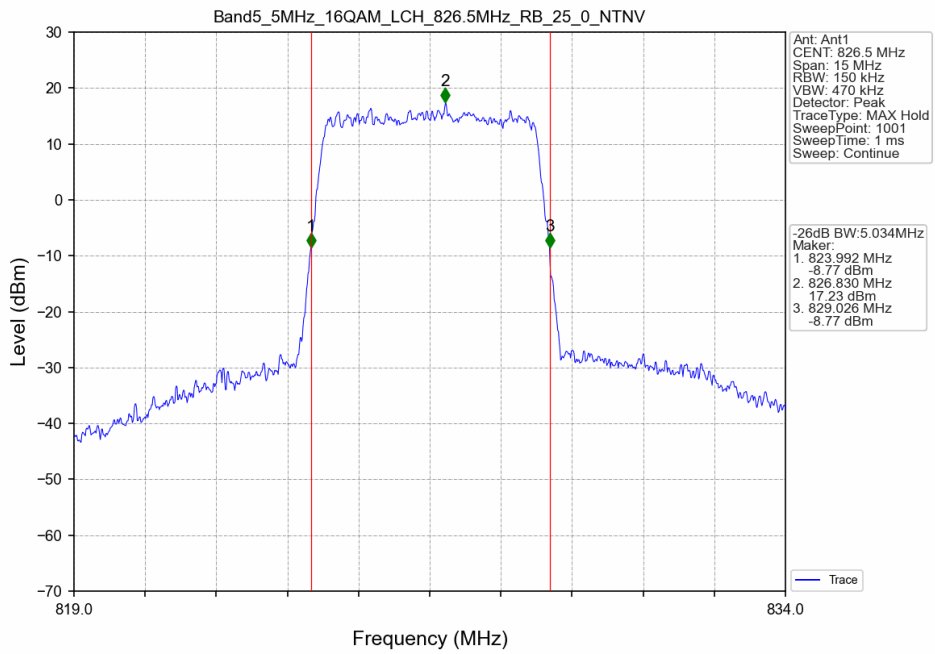
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



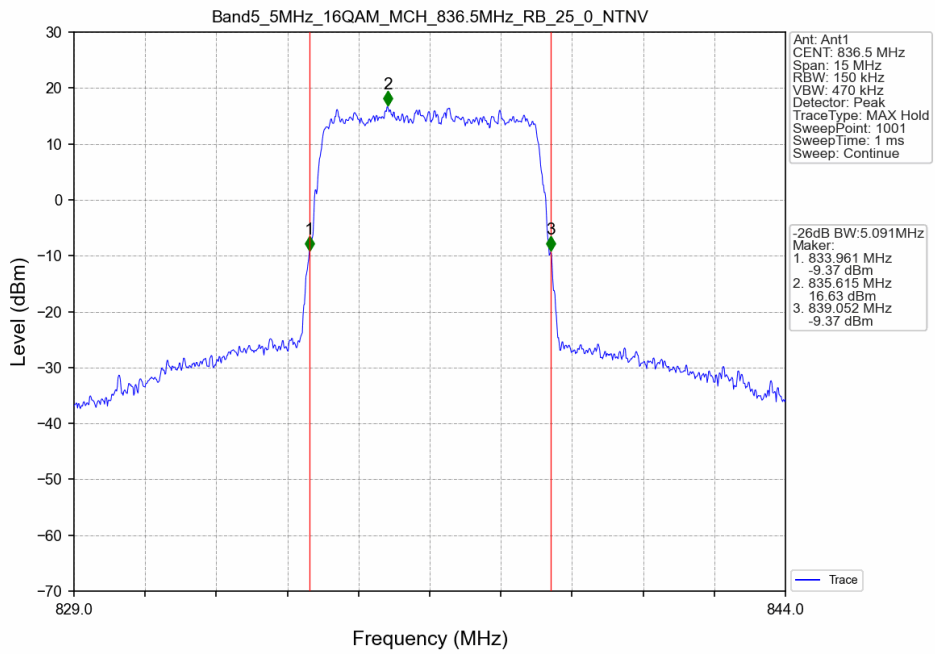
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



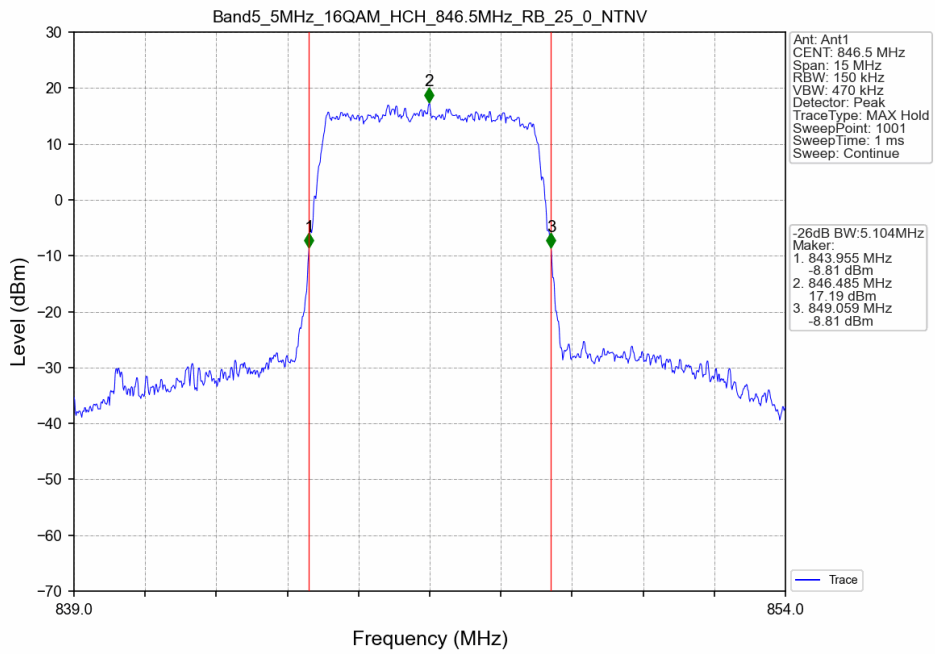
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



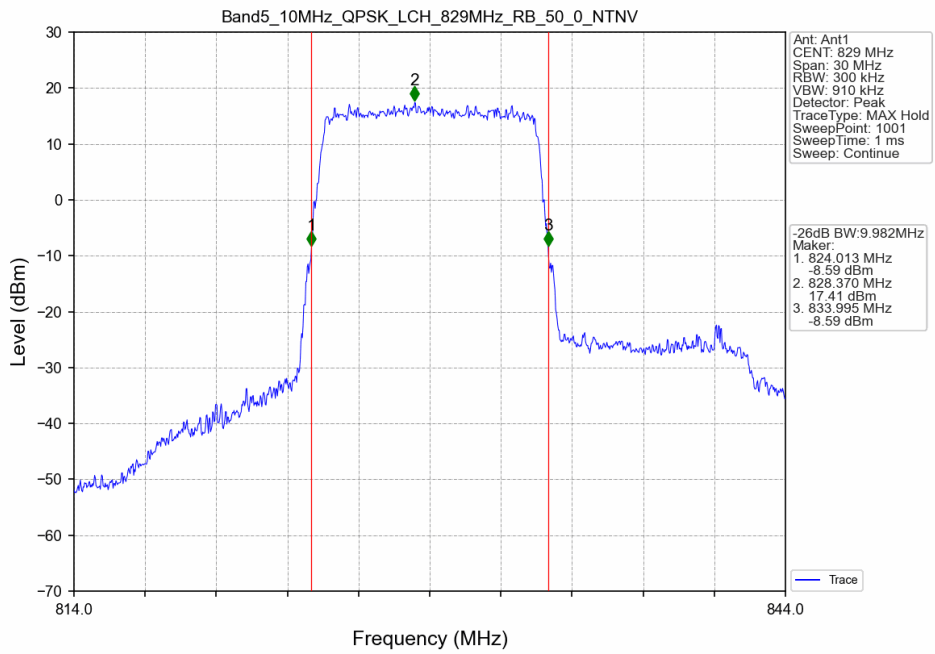
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



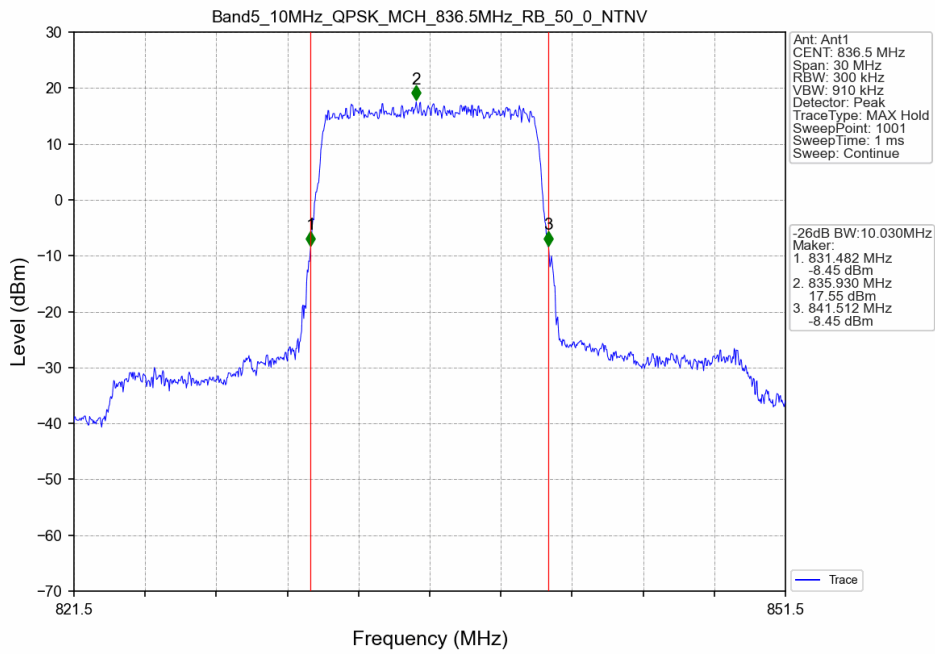
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



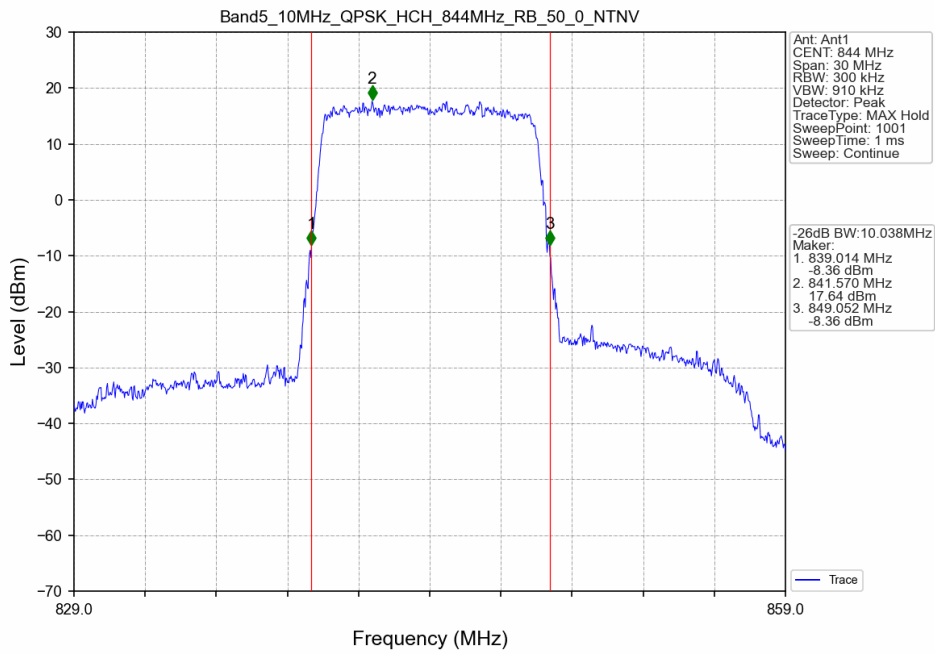
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



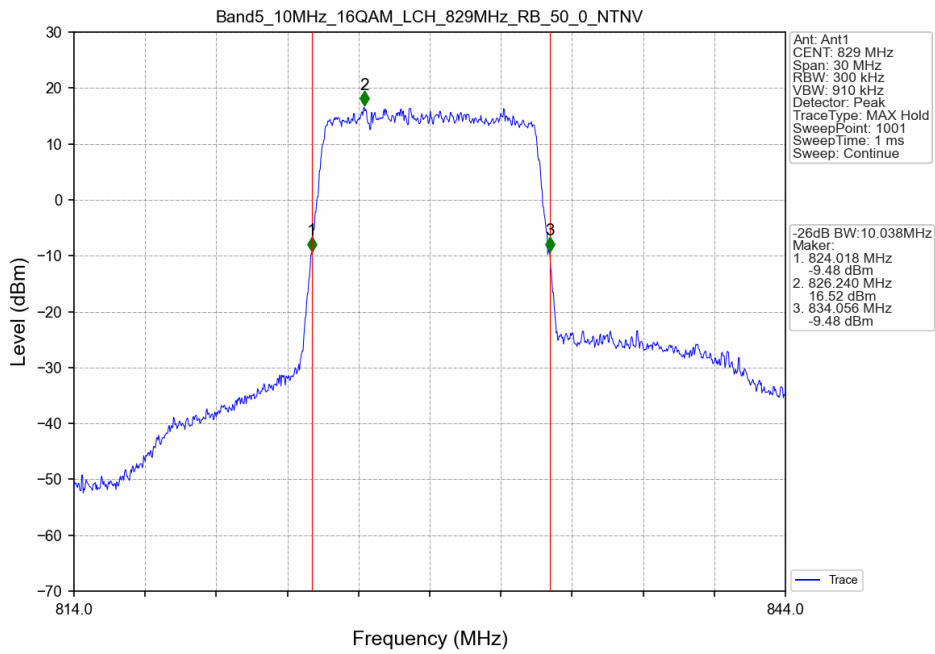
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



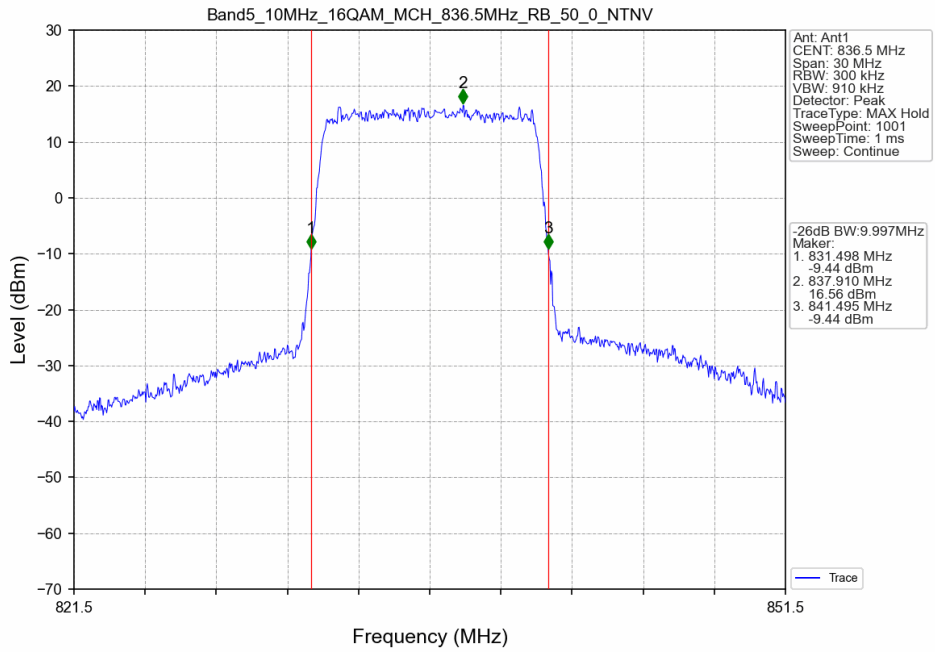
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



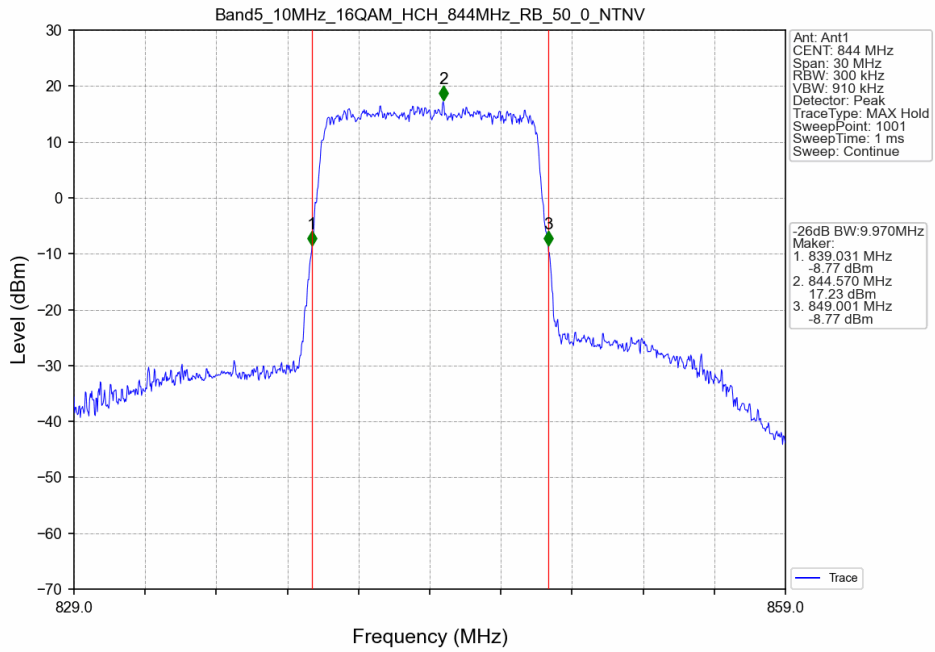
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



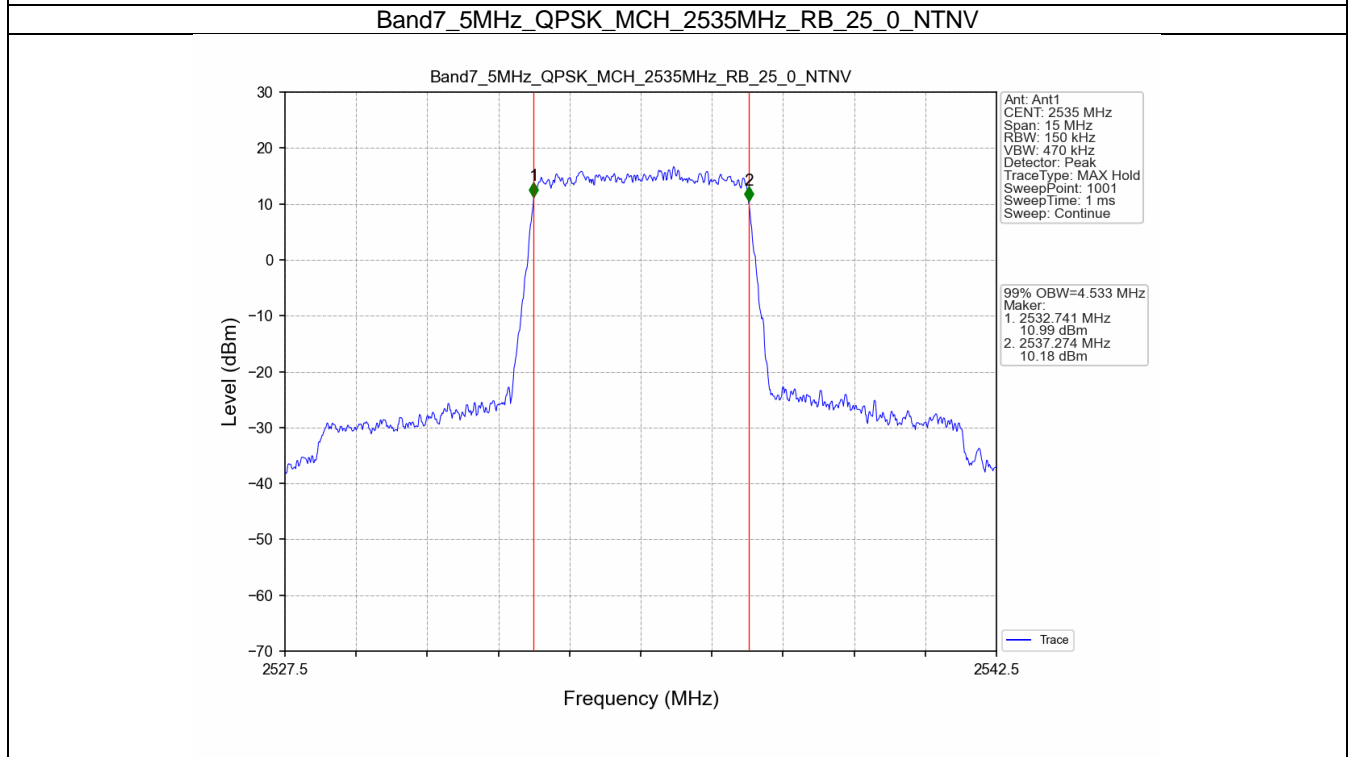
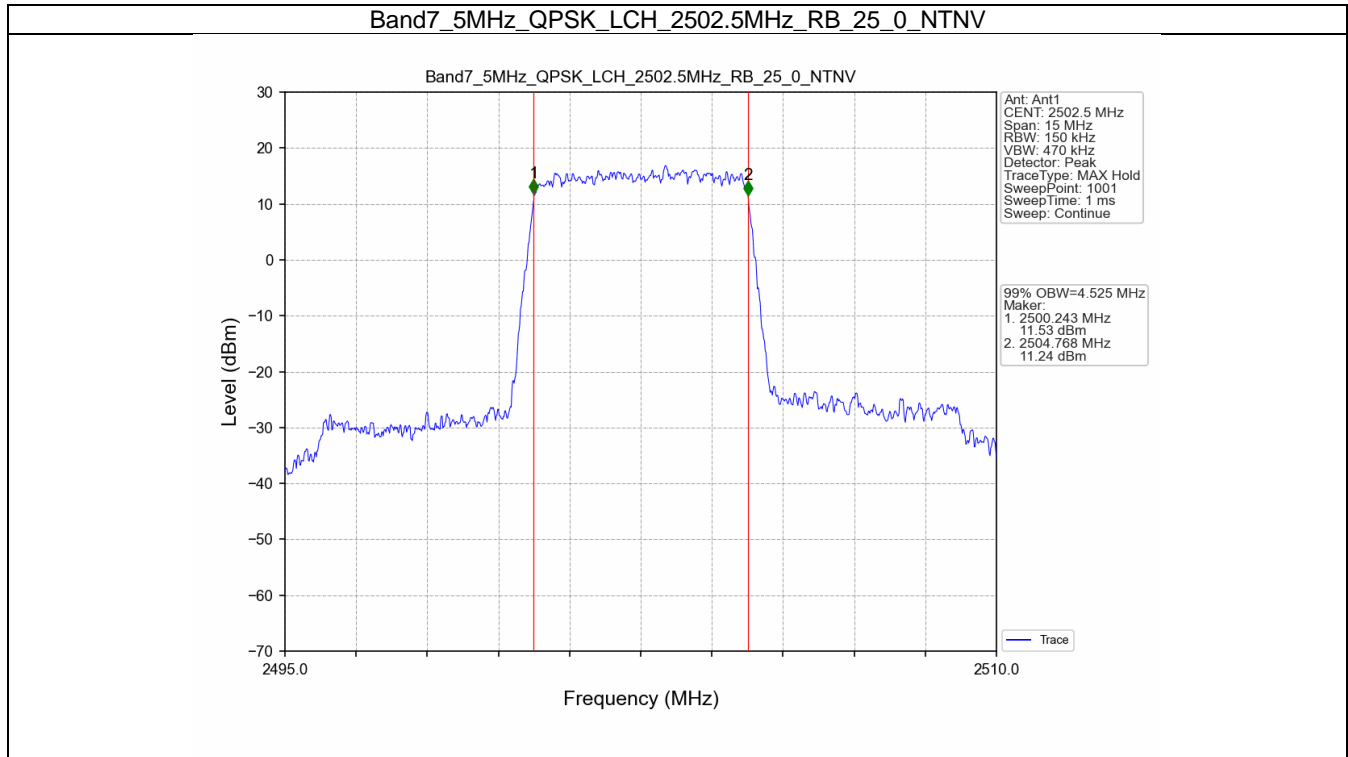
8. 99% & 26dB Bandwidth

8.1 Band7_OBW

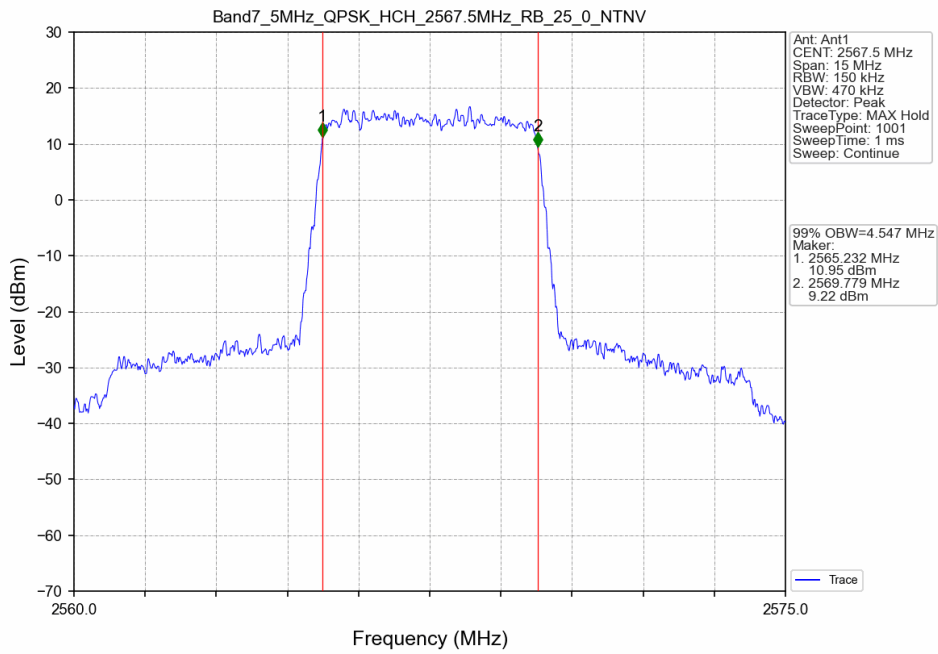
8.1.1 Test Result

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	4.525	/	Pass
		2535	25	0	4.533	/	Pass
		2567.5	25	0	4.547	/	Pass
	16QAM	2502.5	25	0	4.539	/	Pass
		2535	25	0	4.549	/	Pass
		2567.5	25	0	4.517	/	Pass
10	QPSK	2505	50	0	9.024	/	Pass
		2535	50	0	9.011	/	Pass
		2565	50	0	9.023	/	Pass
	16QAM	2505	50	0	9.049	/	Pass
		2535	50	0	9.011	/	Pass
		2565	50	0	9.036	/	Pass
15	QPSK	2507.5	75	0	13.502	/	Pass
		2535	75	0	13.509	/	Pass
		2562.5	75	0	13.471	/	Pass
	16QAM	2507.5	75	0	13.499	/	Pass
		2535	75	0	13.530	/	Pass
		2562.5	75	0	13.480	/	Pass
20	QPSK	2510	100	0	17.977	/	Pass
		2535	100	0	18.005	/	Pass
		2560	100	0	17.967	/	Pass
	16QAM	2510	100	0	18.033	/	Pass
		2535	100	0	18.047	/	Pass
		2560	100	0	18.037	/	Pass

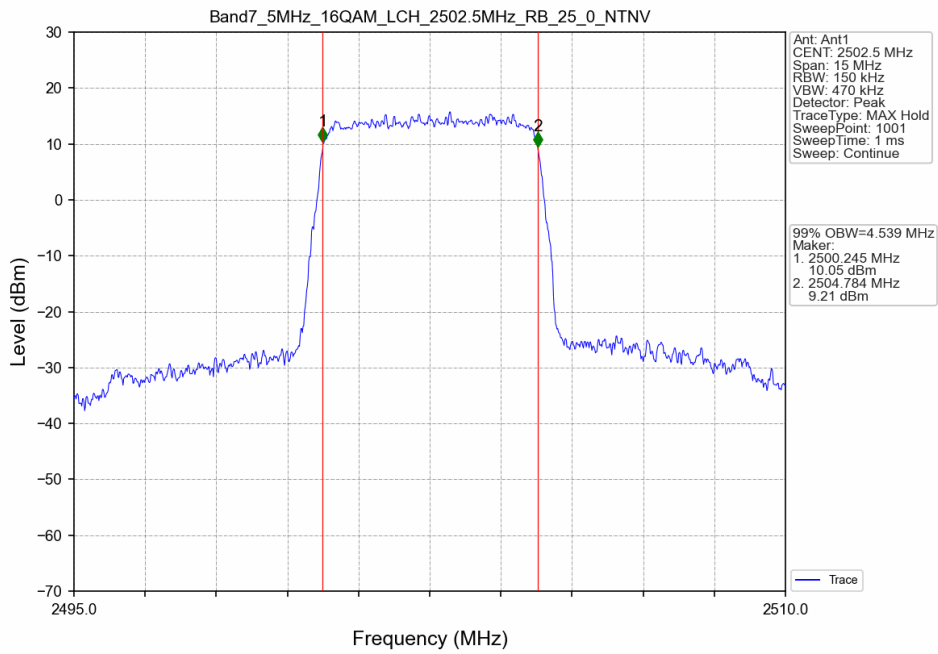
8.1.2 Test Graph



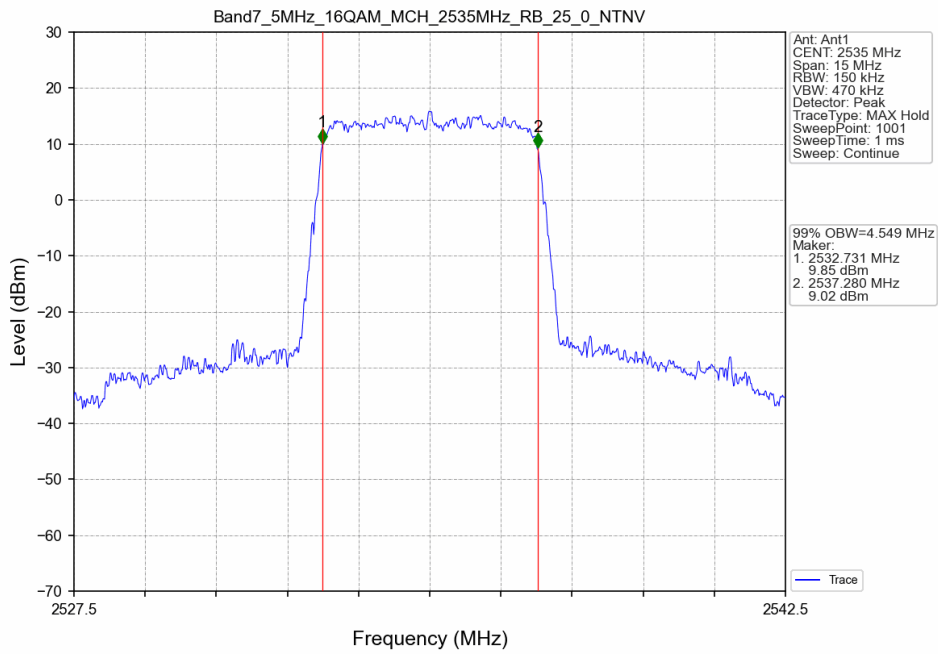
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



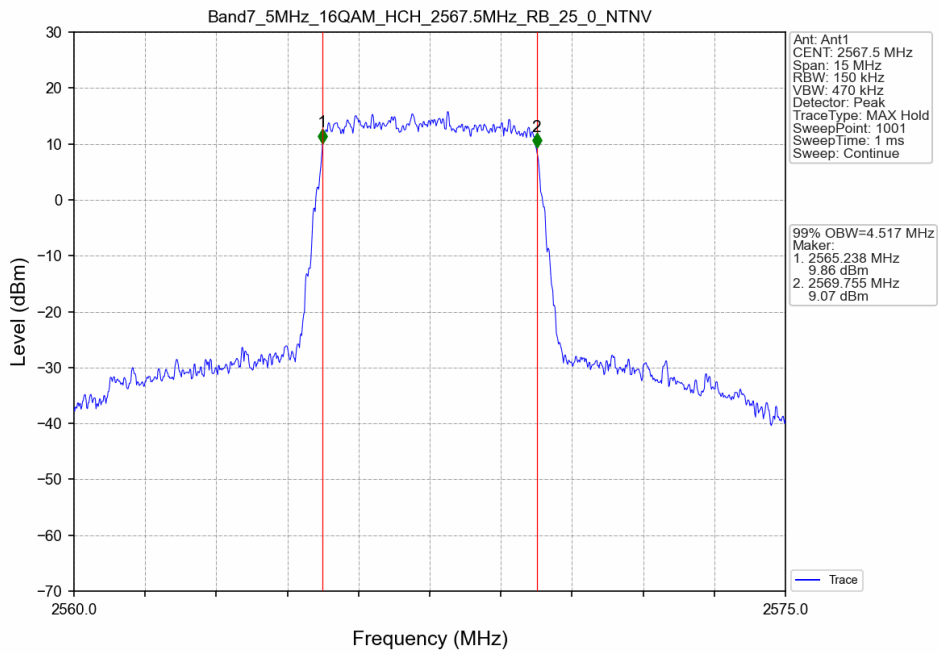
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



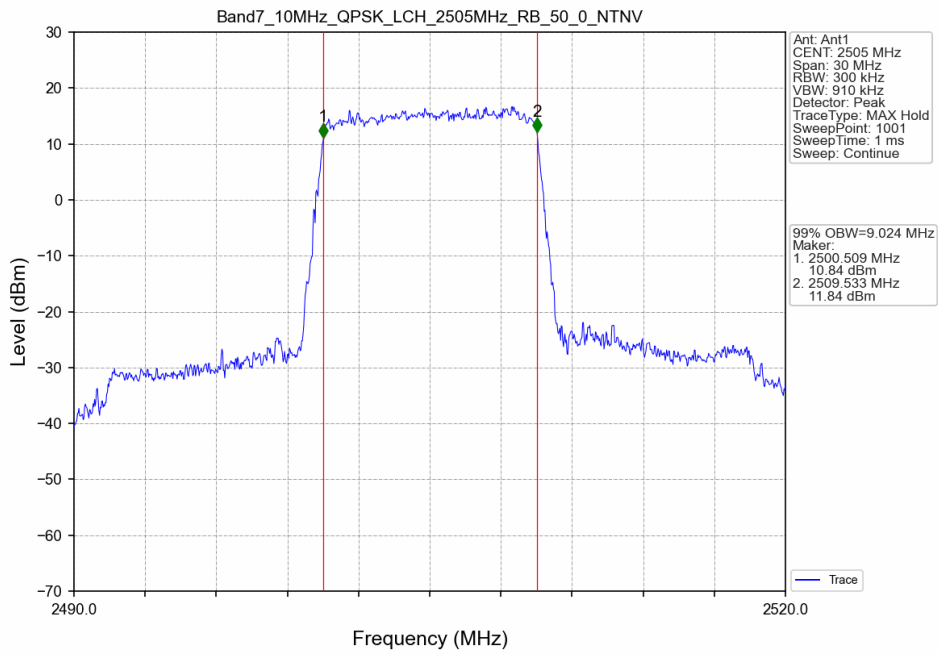
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



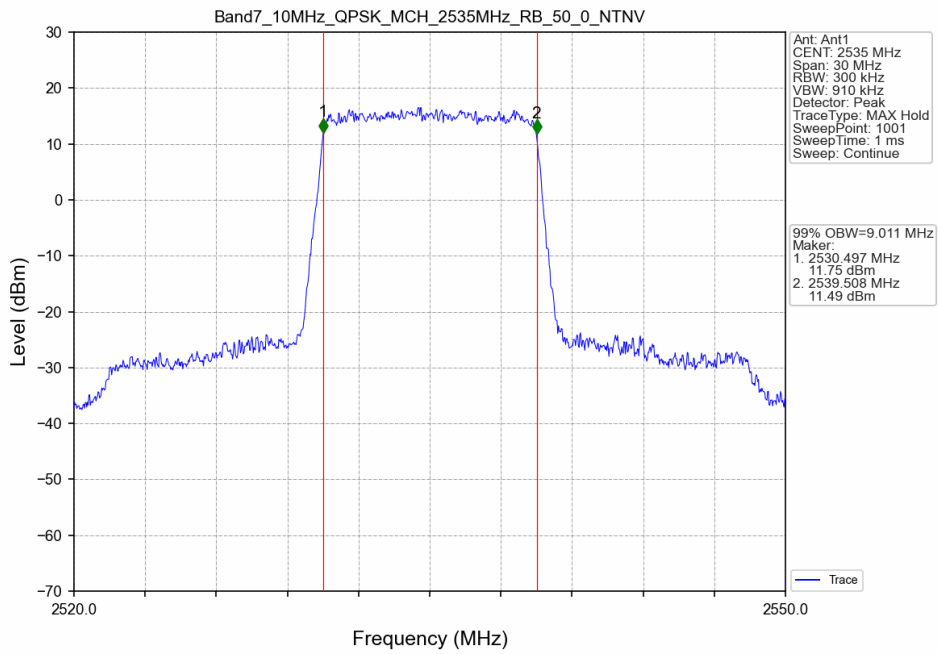
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



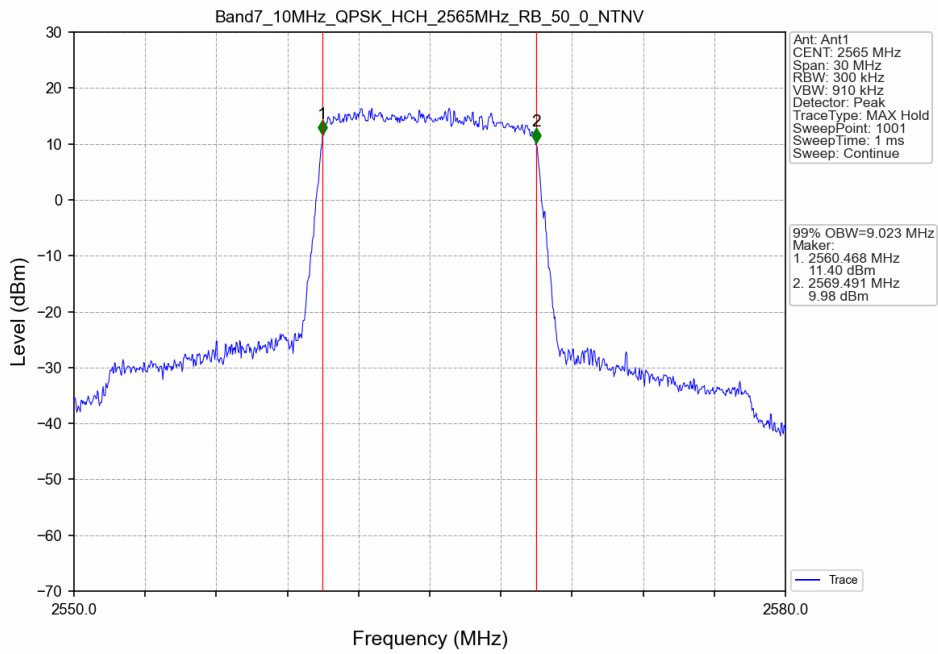
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



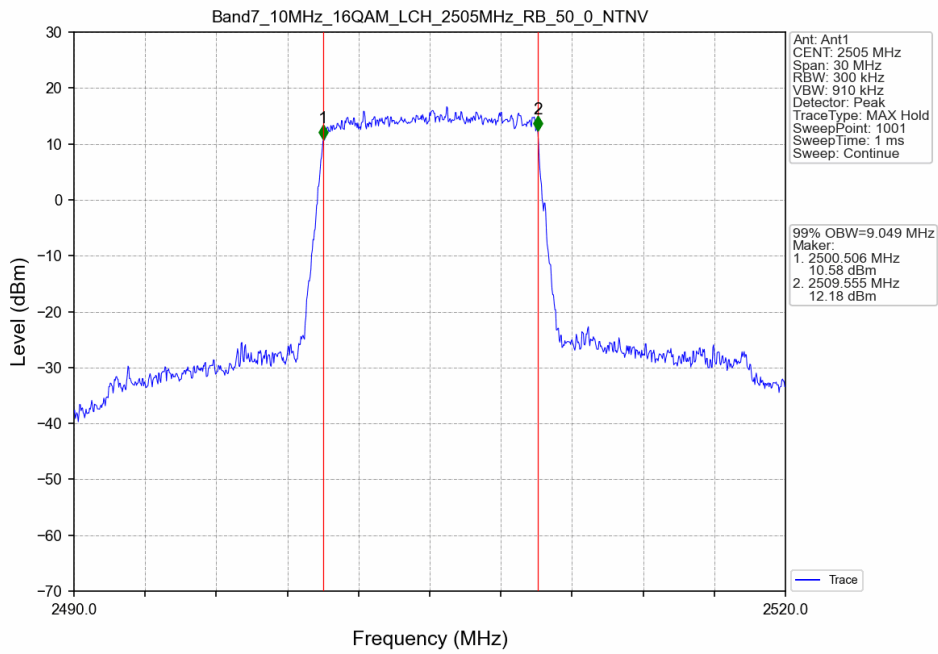
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



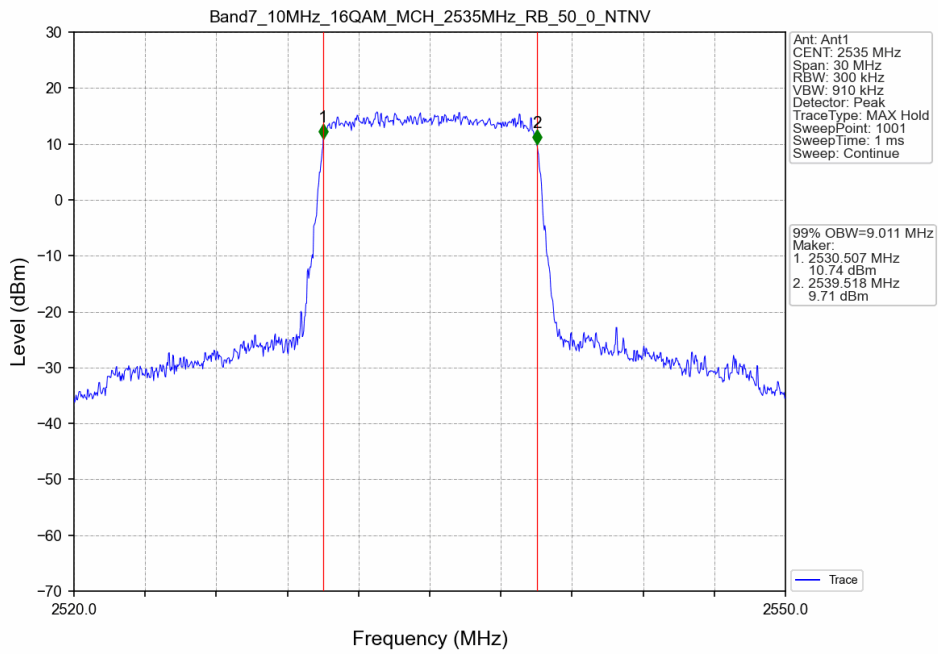
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



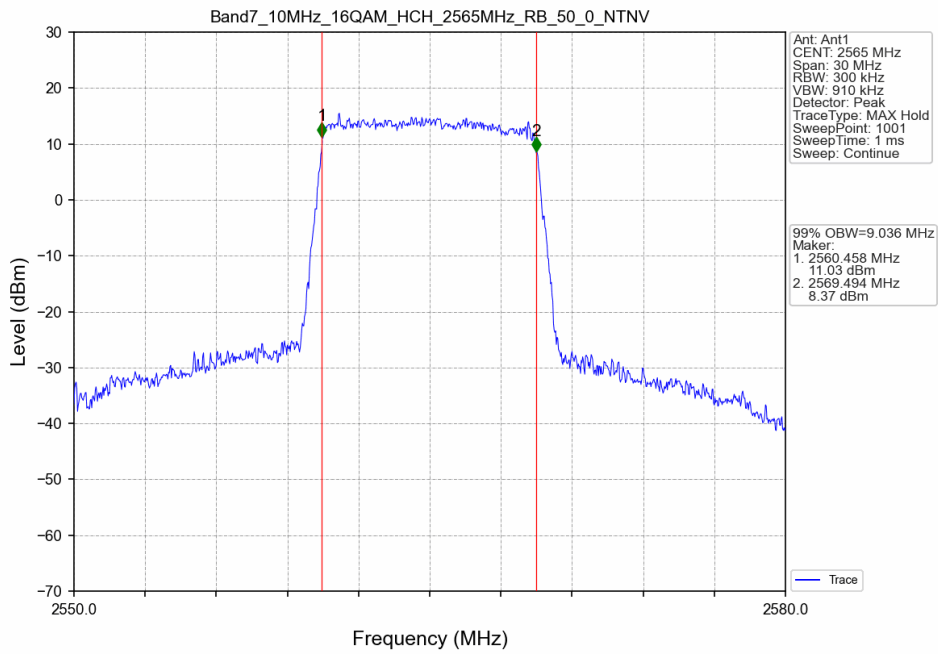
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



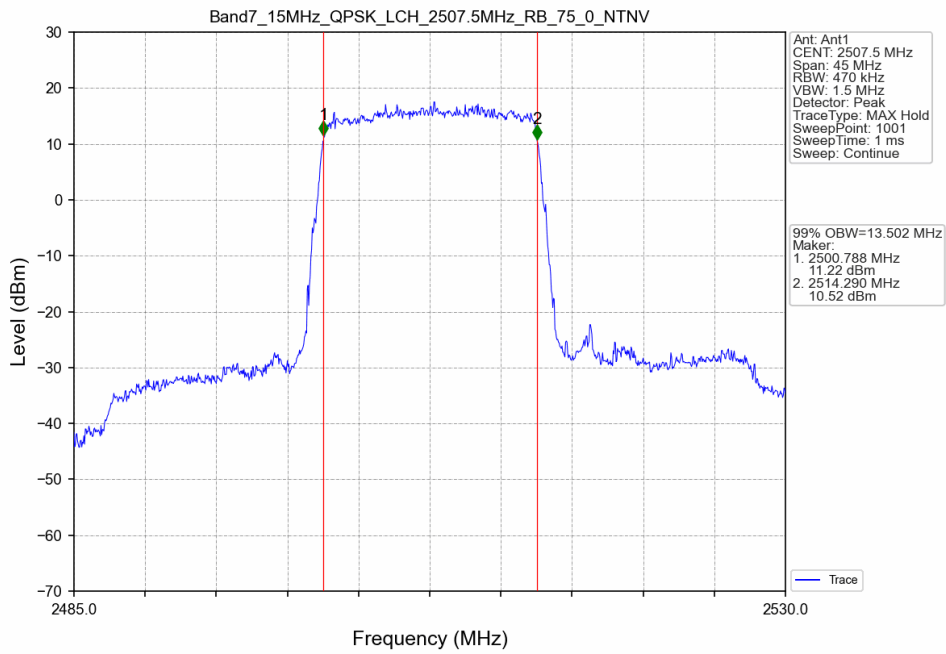
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



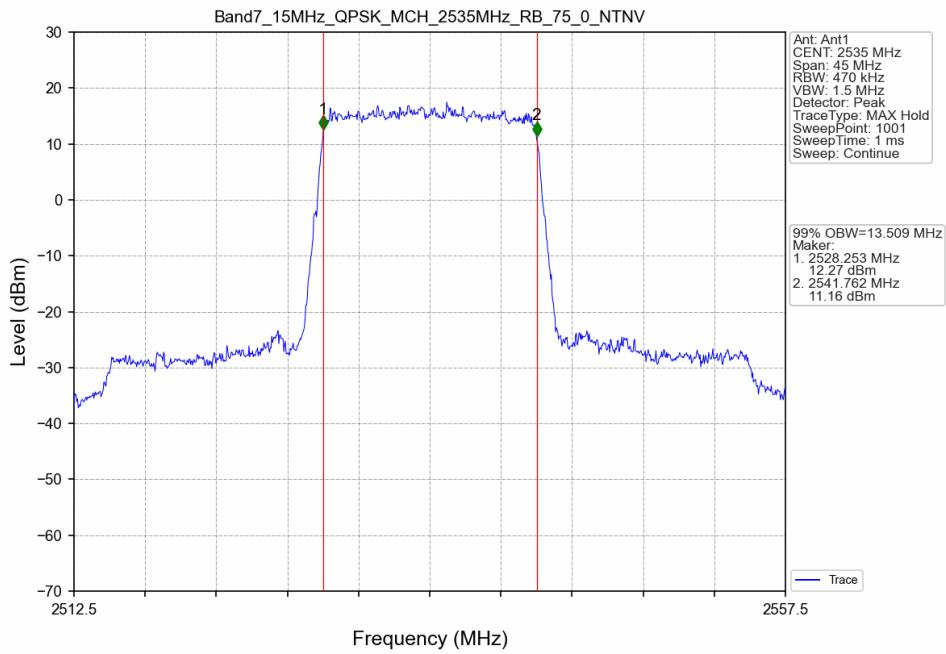
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



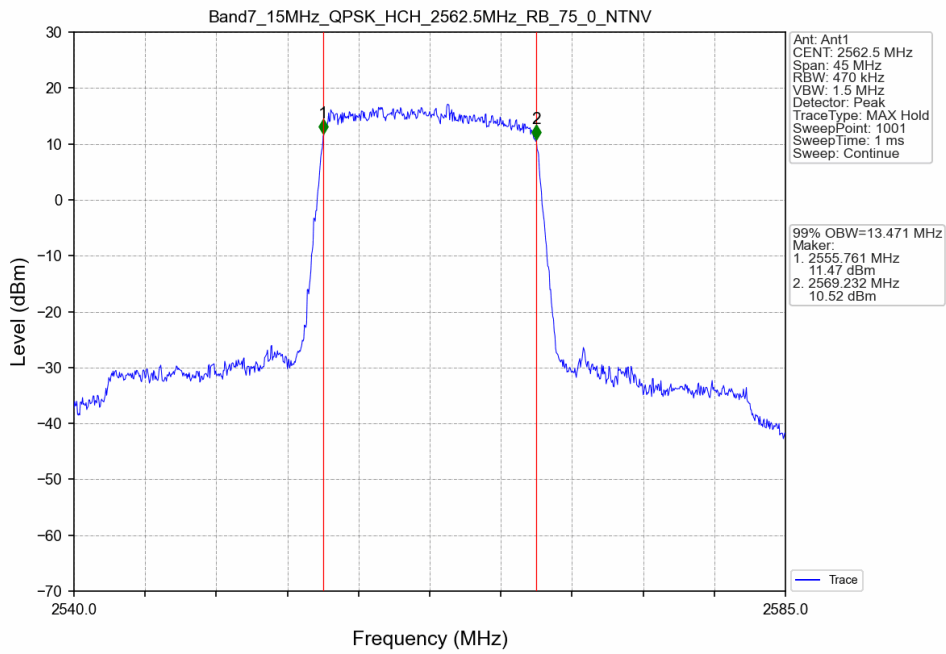
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



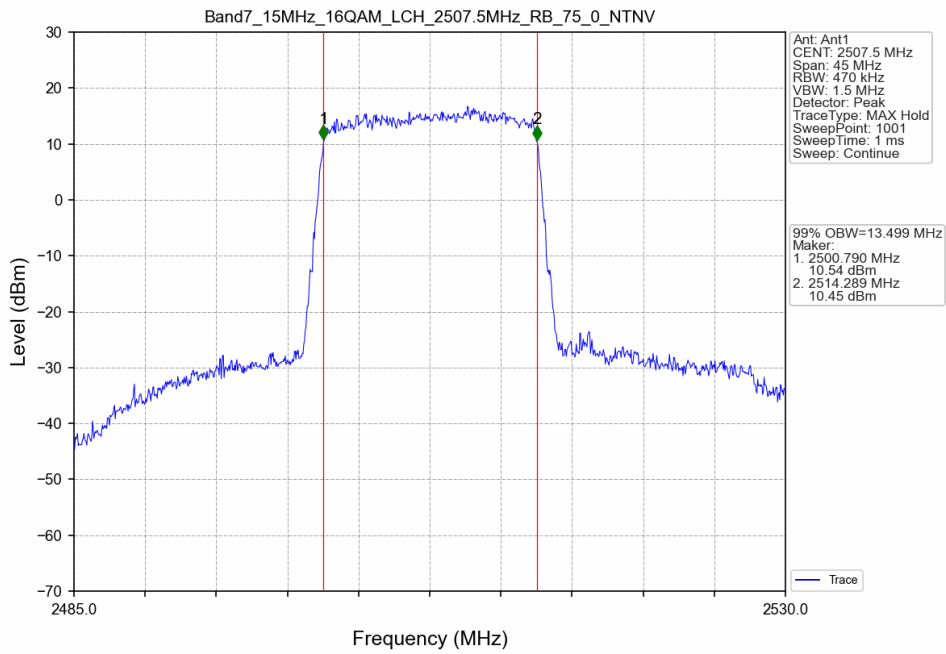
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



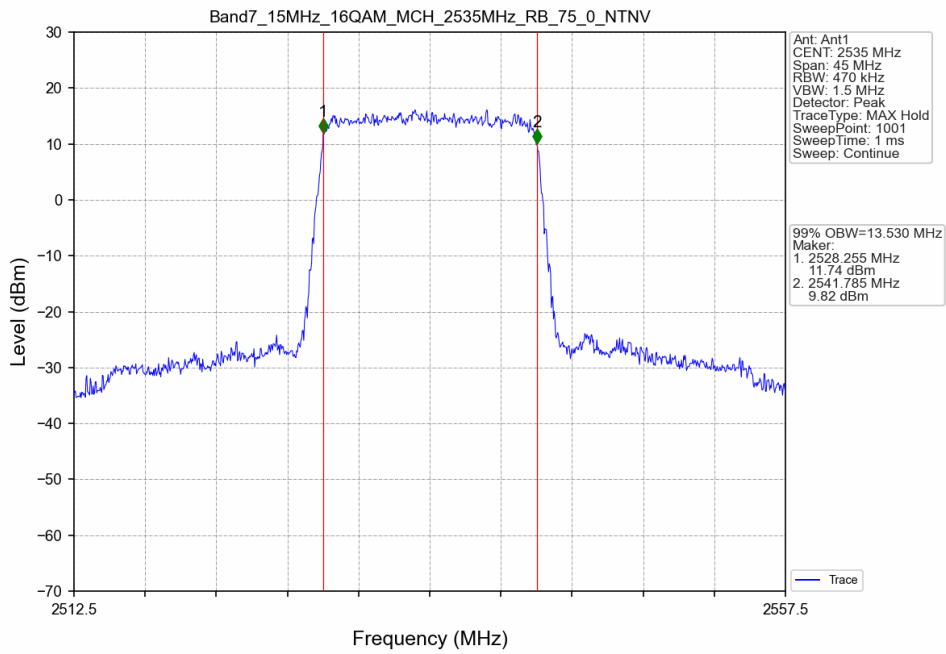
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



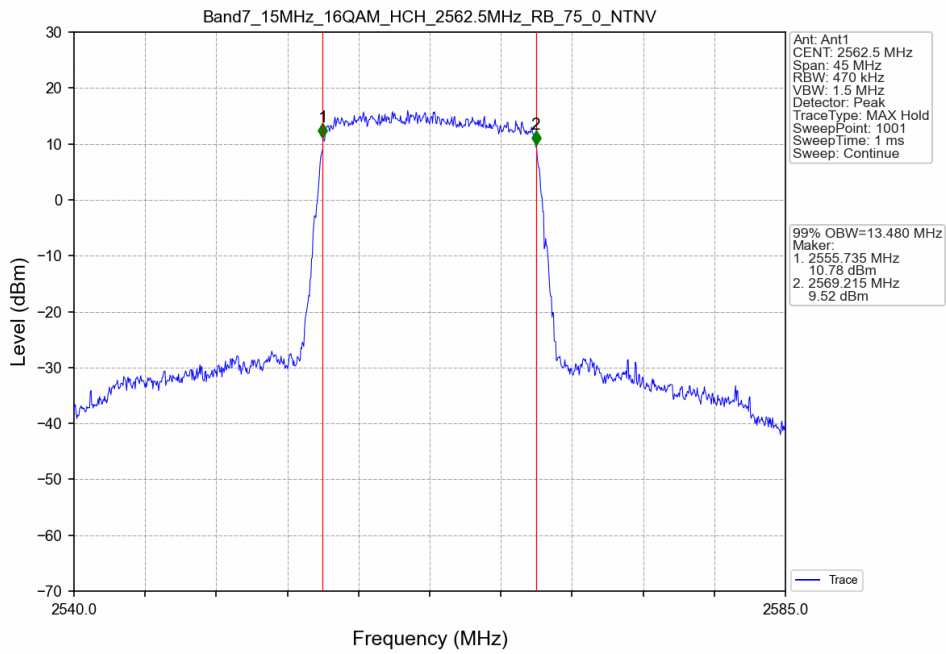
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



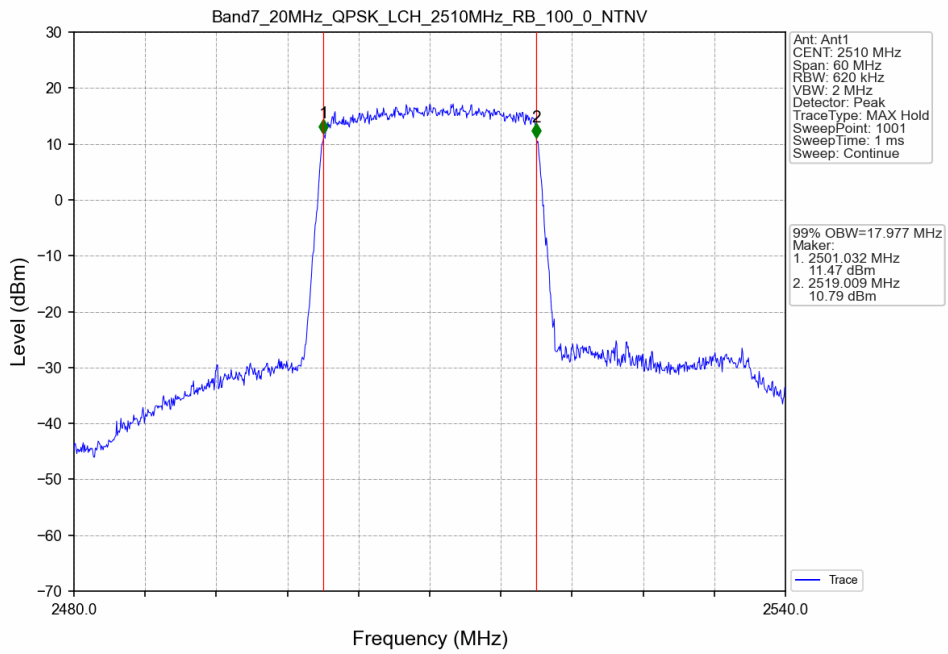
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



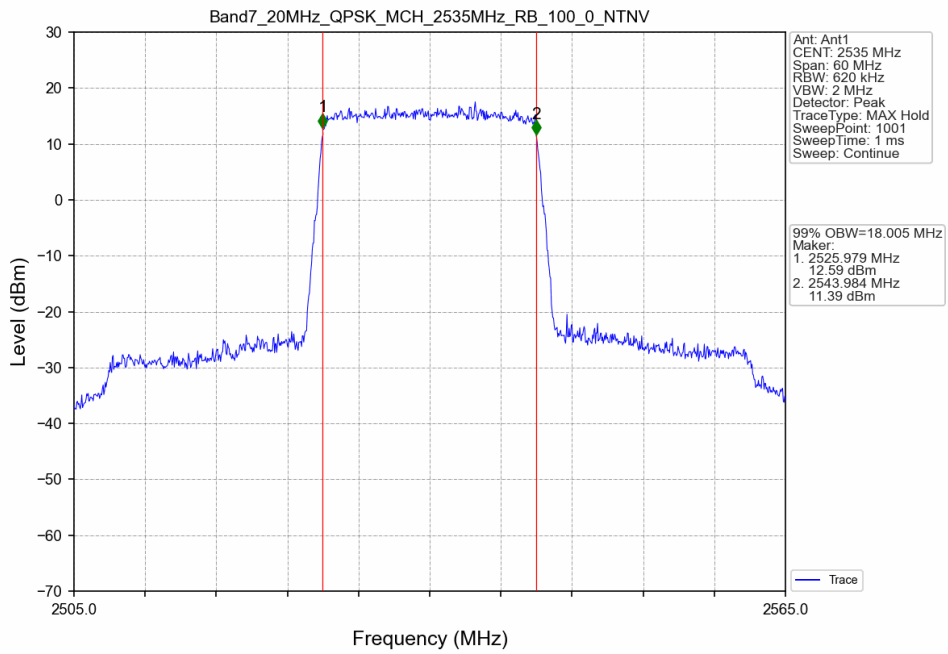
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



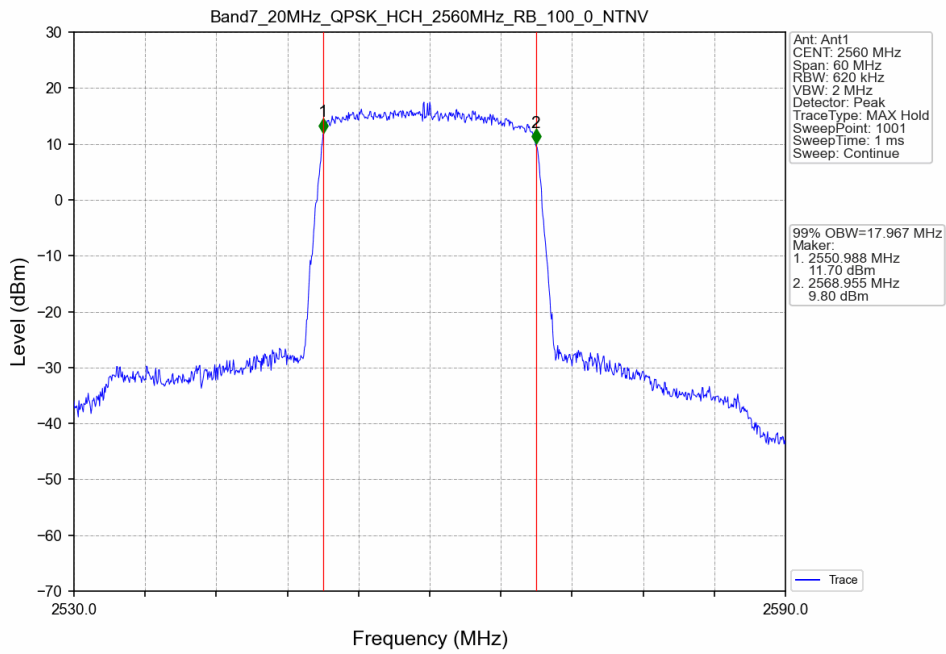
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



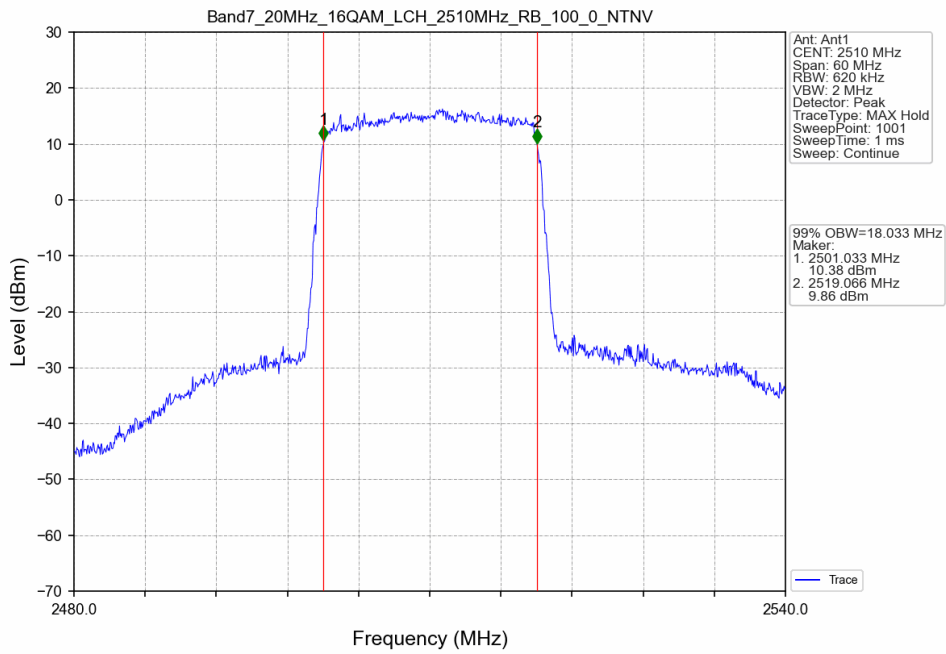
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



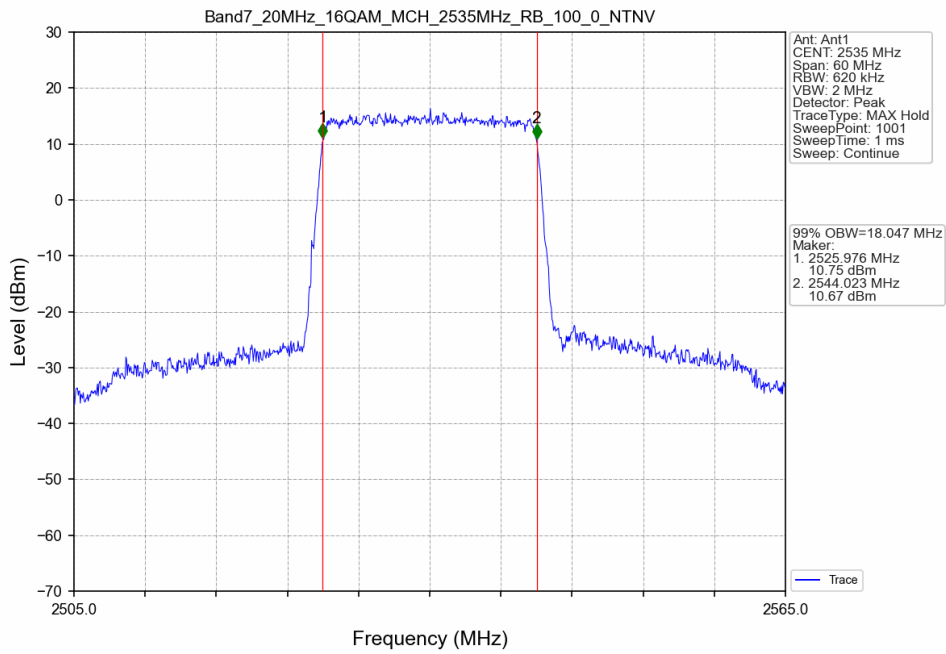
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



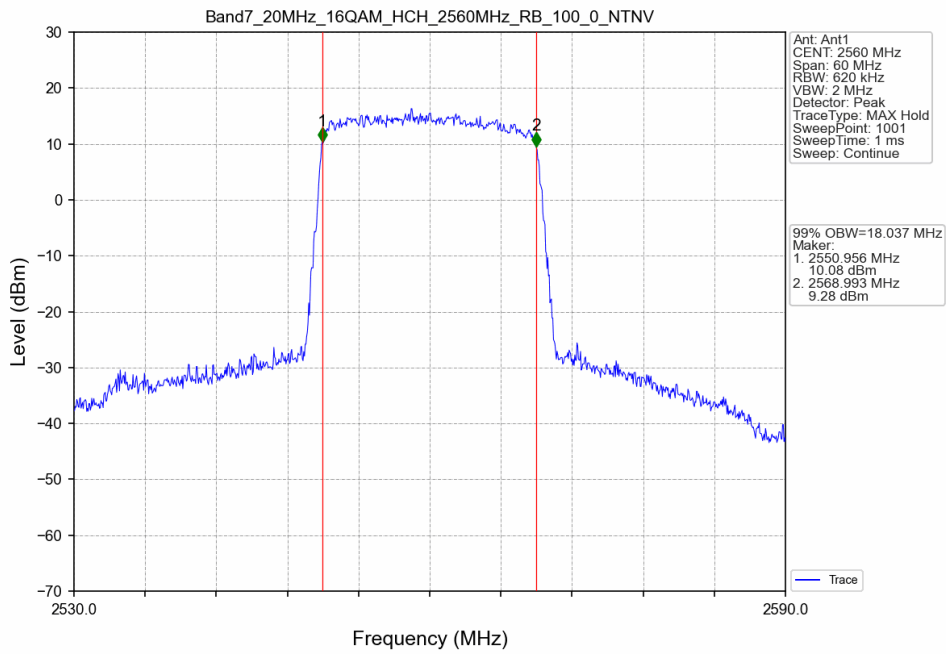
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

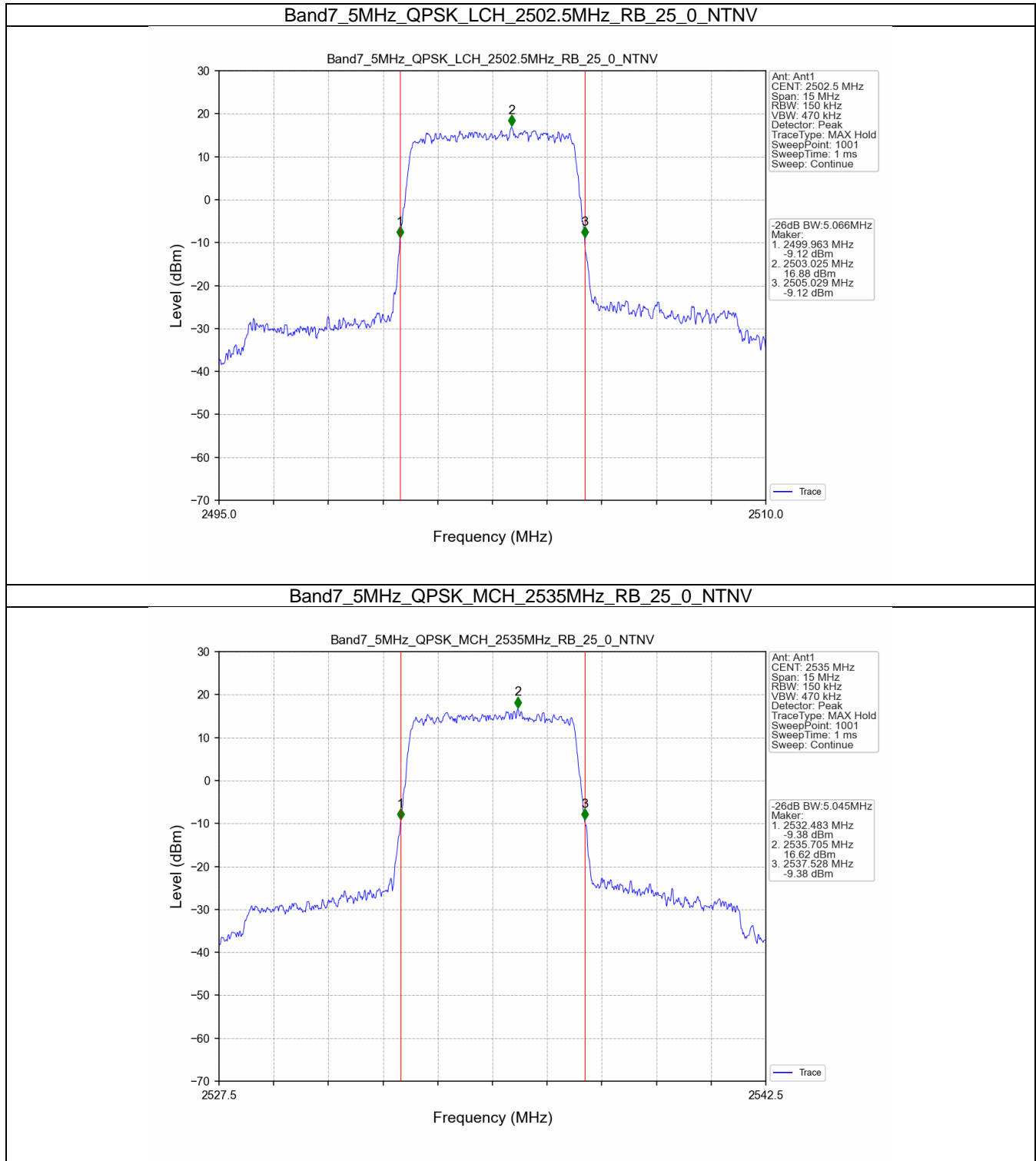


8.2 Band7_XDB

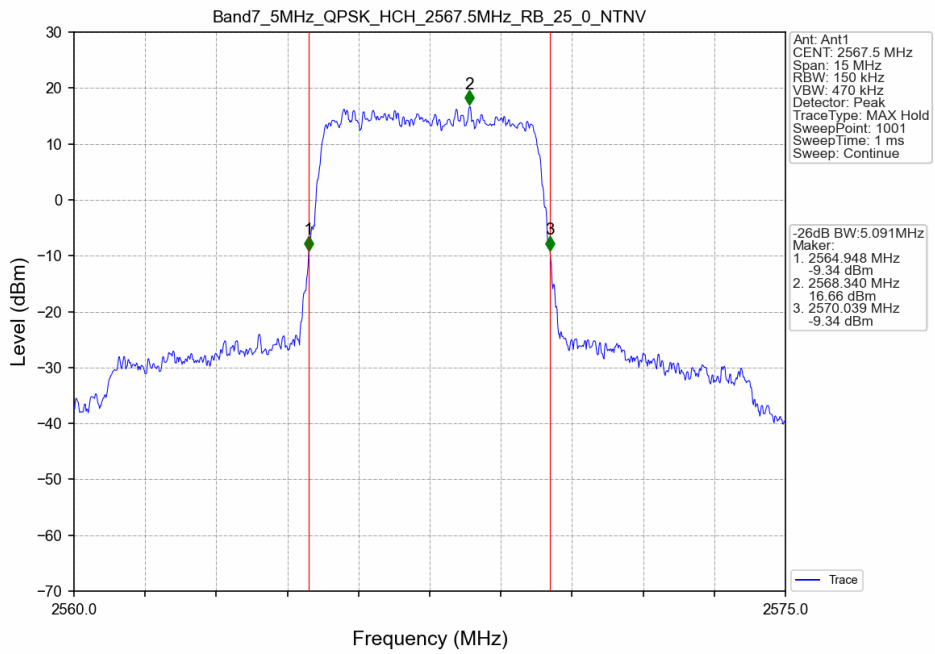
8.2.1 Test Result

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.066	/	Pass
		2535	25	0	5.045	/	Pass
		2567.5	25	0	5.091	/	Pass
	16QAM	2502.5	25	0	5.100	/	Pass
		2535	25	0	5.071	/	Pass
		2567.5	25	0	5.032	/	Pass
10	QPSK	2505	50	0	9.998	/	Pass
		2535	50	0	10.023	/	Pass
		2565	50	0	10.002	/	Pass
	16QAM	2505	50	0	9.963	/	Pass
		2535	50	0	9.948	/	Pass
		2565	50	0	10.045	/	Pass
15	QPSK	2507.5	75	0	14.942	/	Pass
		2535	75	0	14.897	/	Pass
		2562.5	75	0	14.813	/	Pass
	16QAM	2507.5	75	0	14.767	/	Pass
		2535	75	0	14.917	/	Pass
		2562.5	75	0	14.897	/	Pass
20	QPSK	2510	100	0	19.695	/	Pass
		2535	100	0	19.778	/	Pass
		2560	100	0	19.656	/	Pass
	16QAM	2510	100	0	19.822	/	Pass
		2535	100	0	19.879	/	Pass
		2560	100	0	19.659	/	Pass

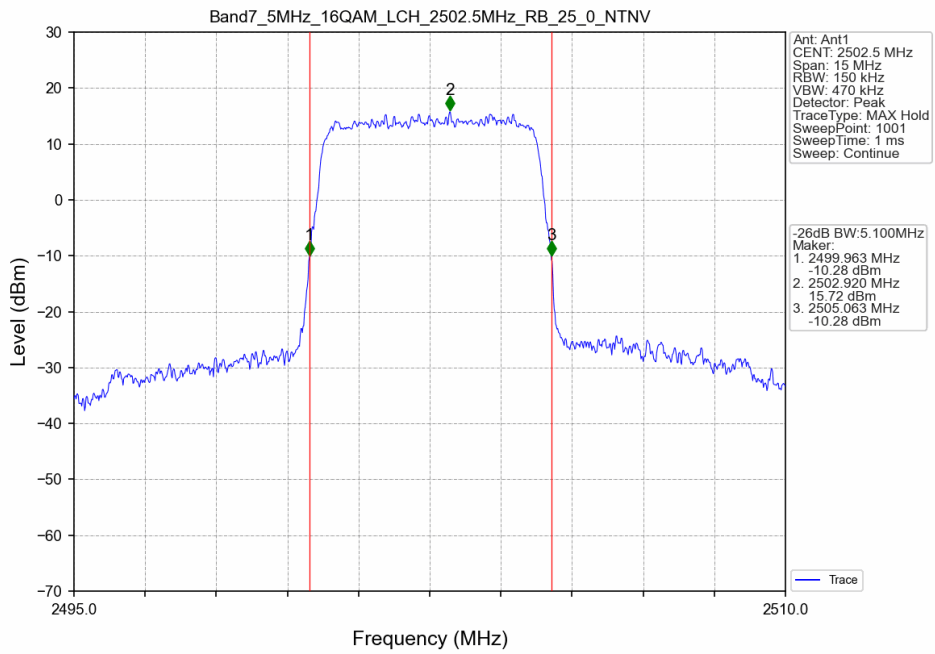
8.2.2 Test Graph



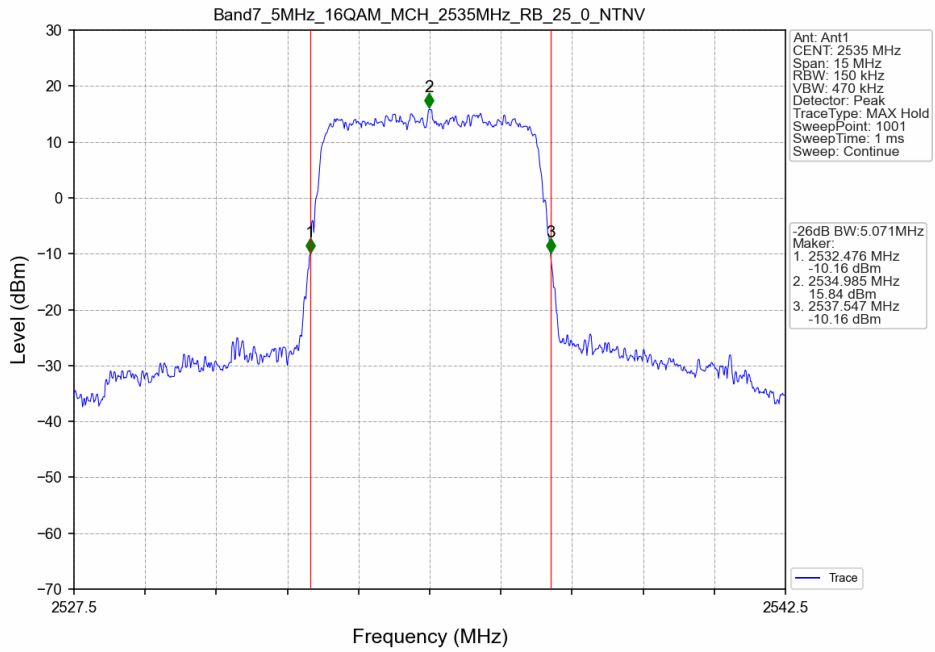
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



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

