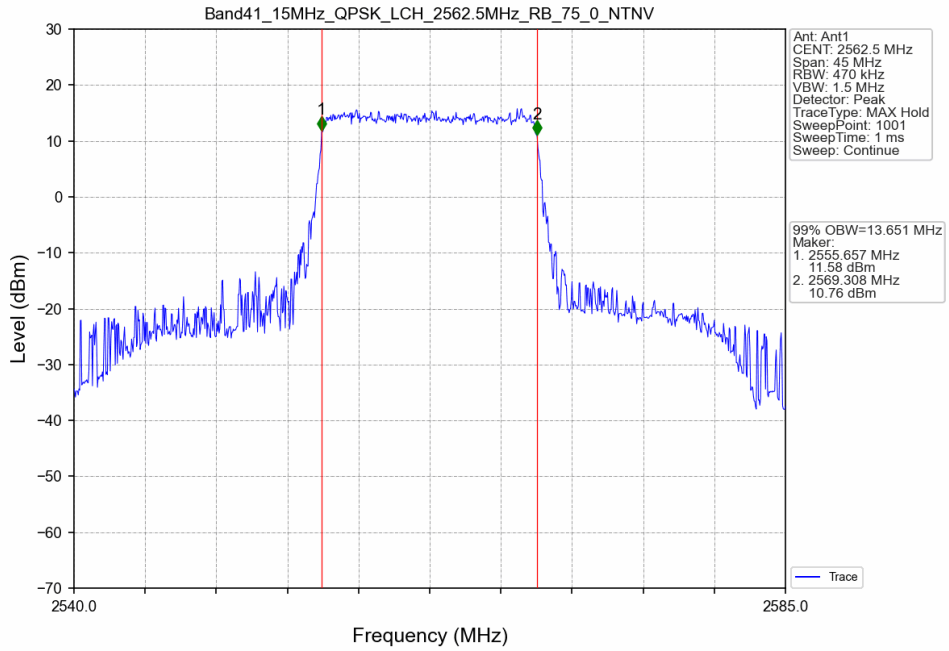
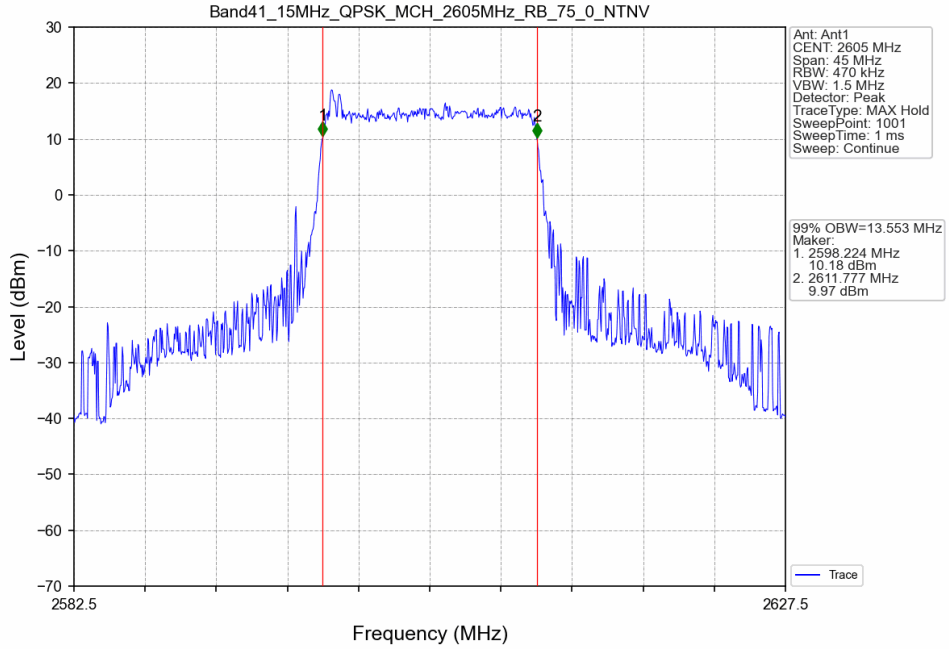
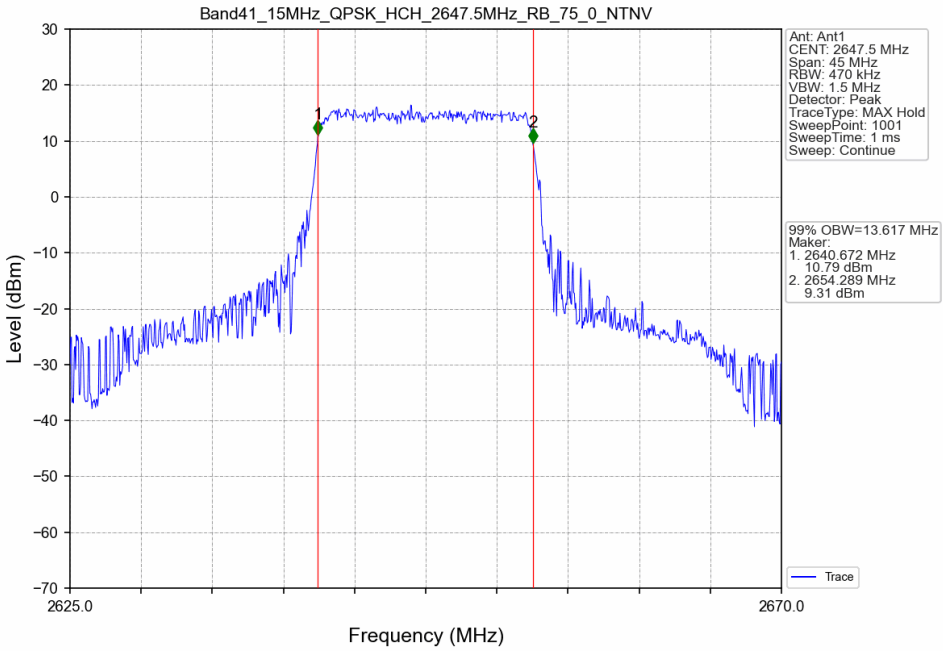
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



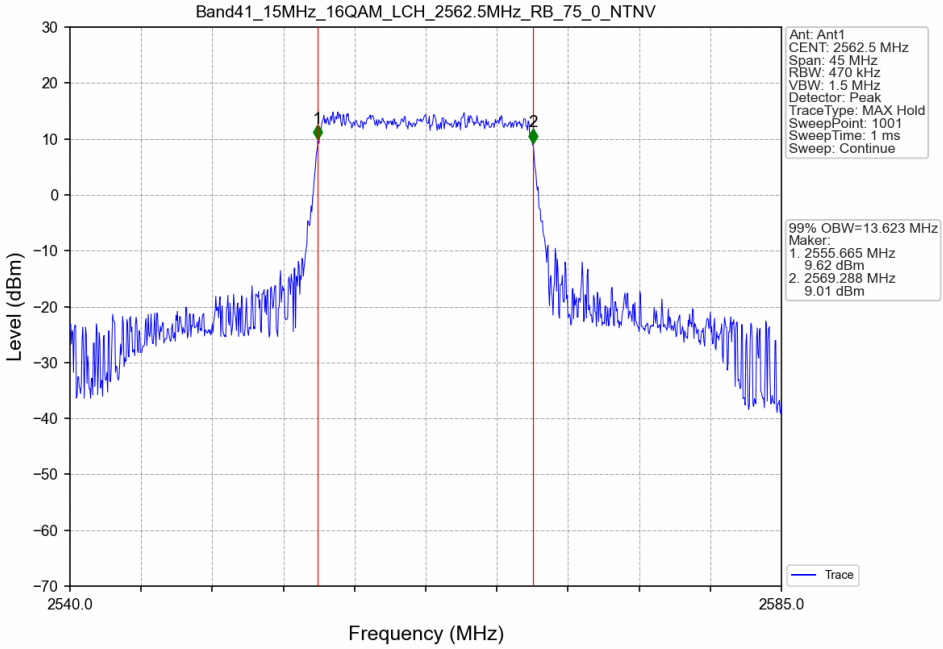
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



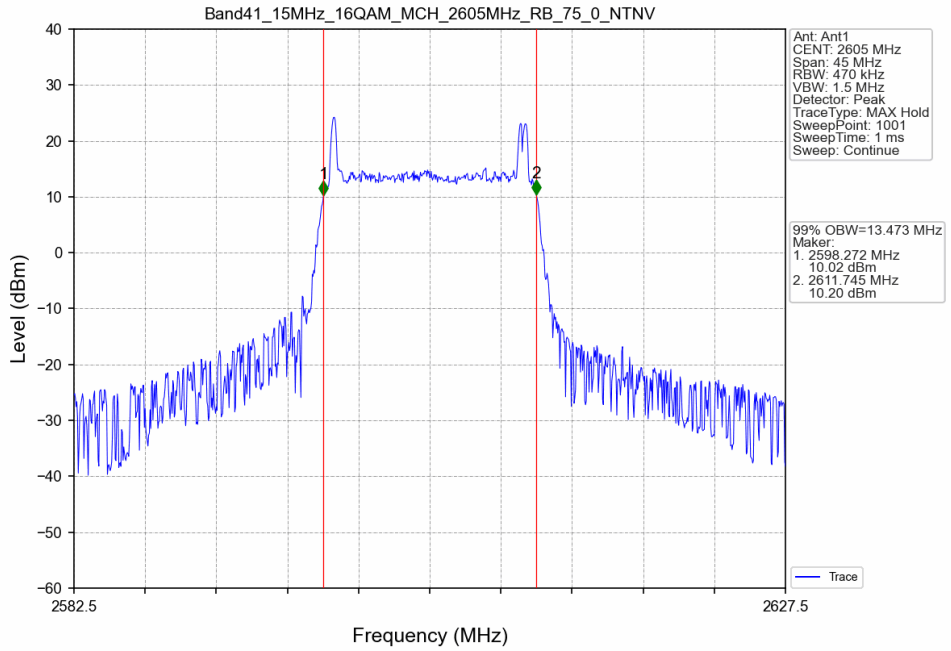
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



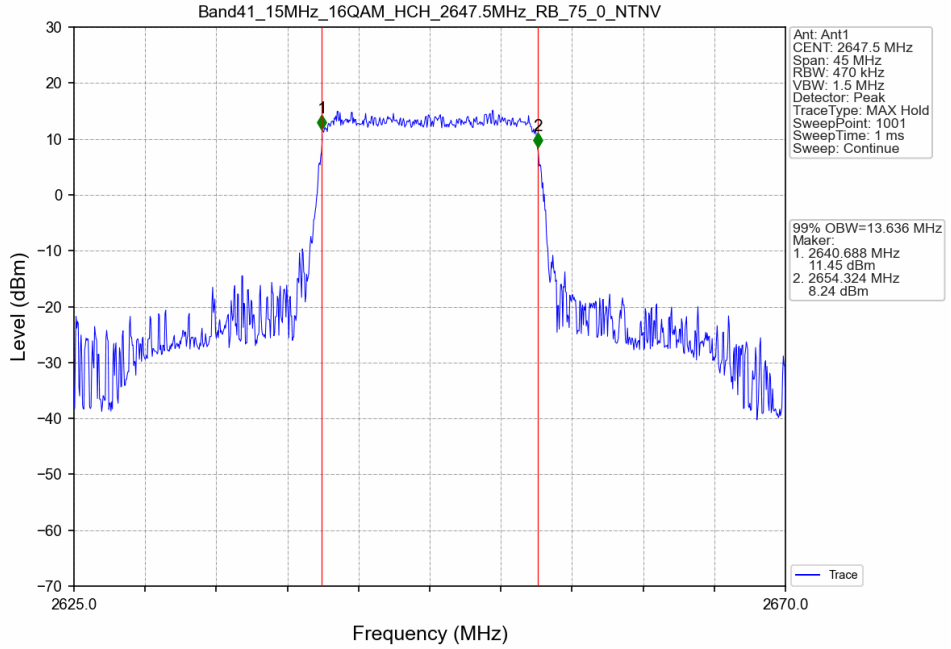
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



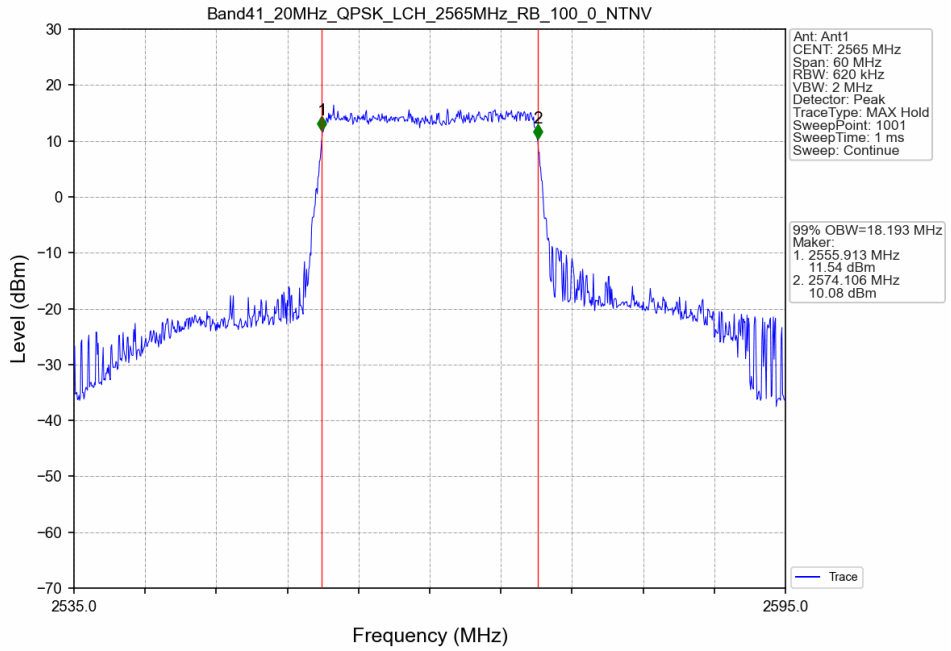
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



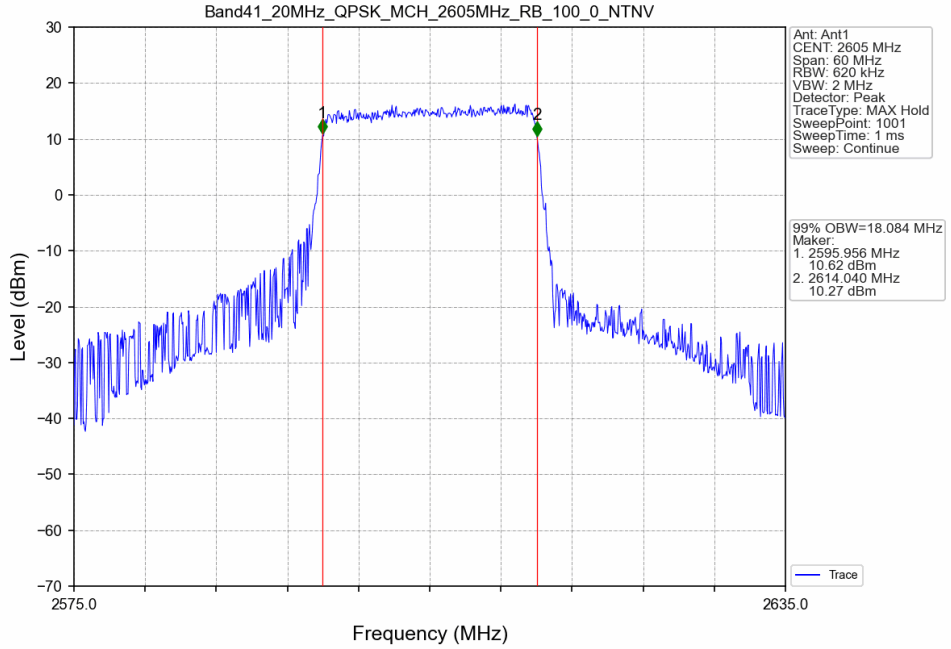
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



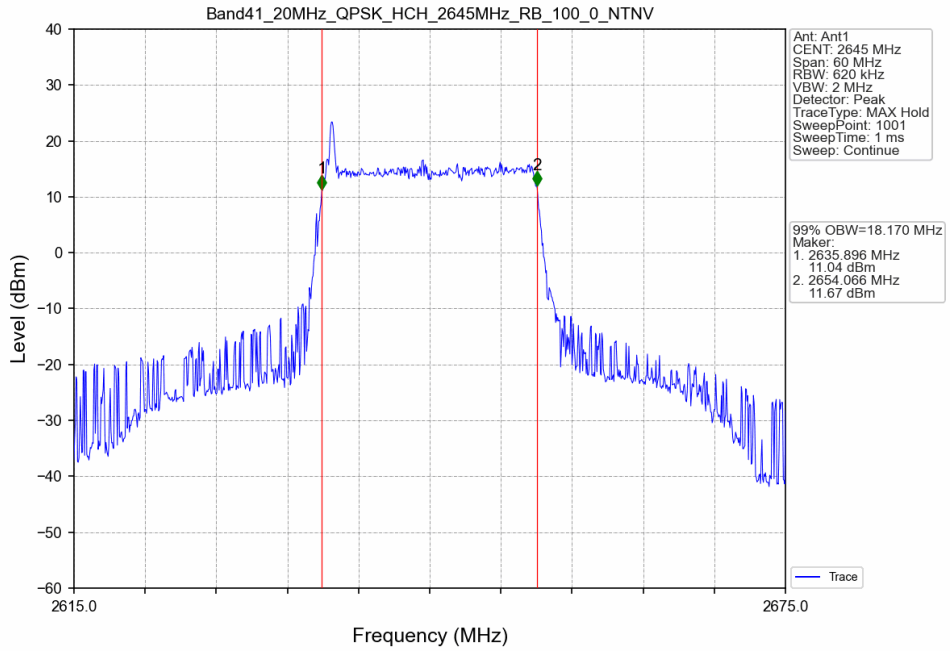
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



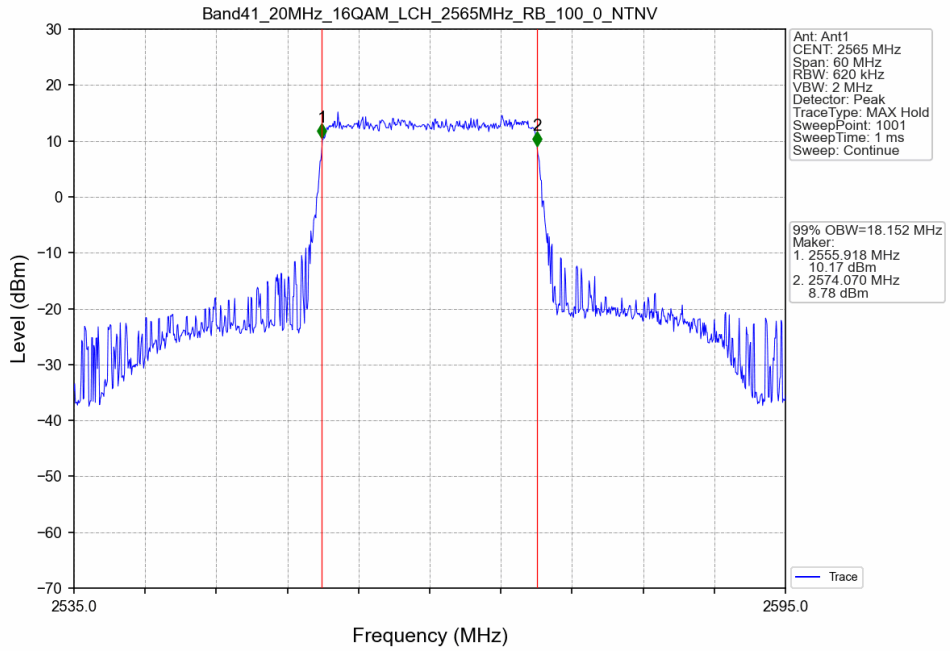
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



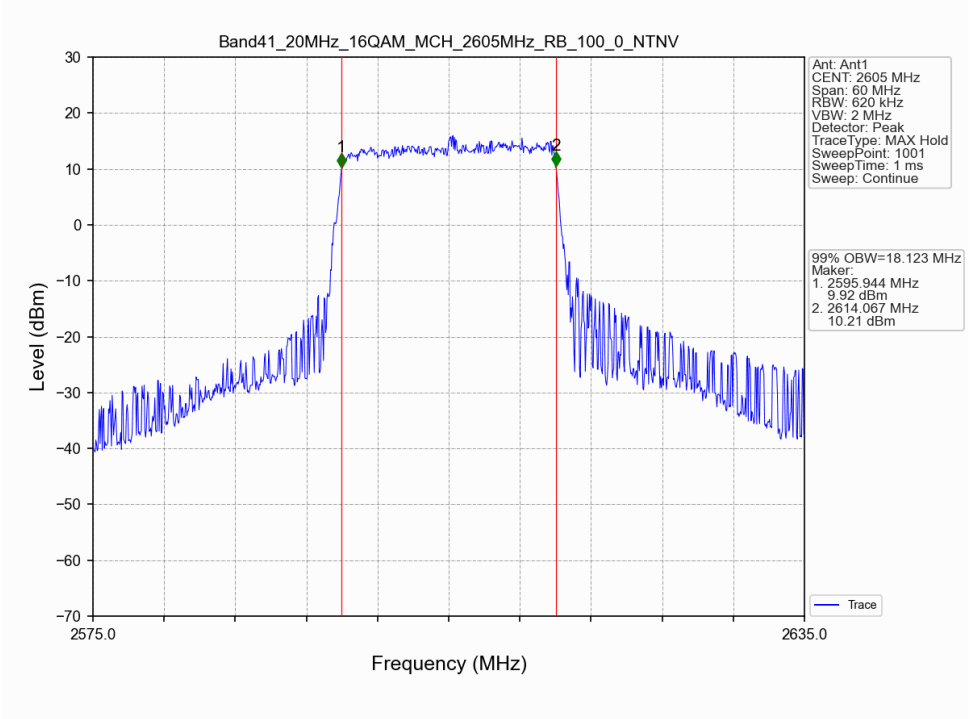
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



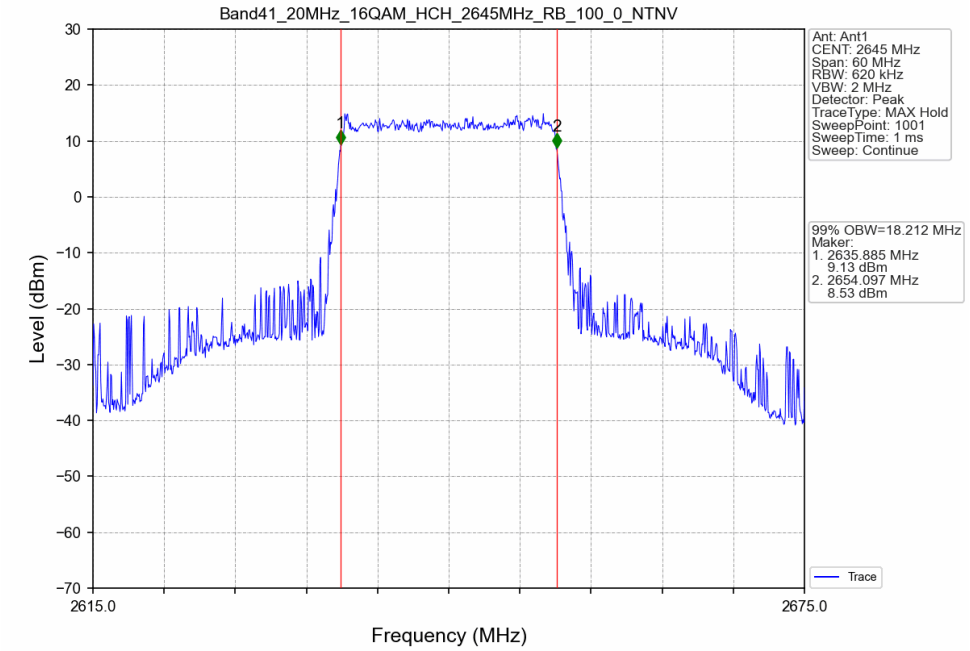
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



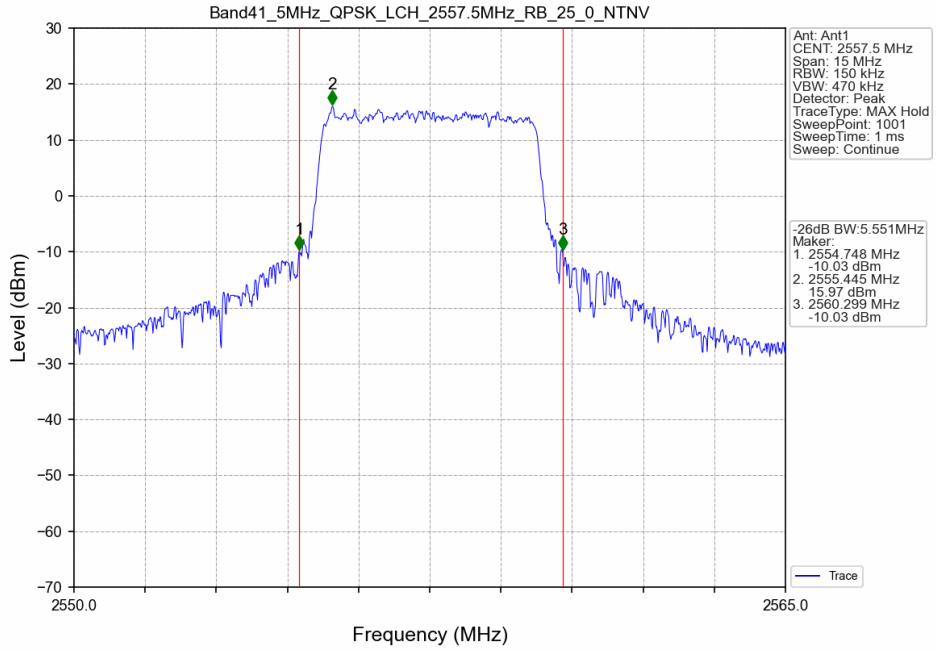
12.2 Band41_XDB

12.2.1 Test Result

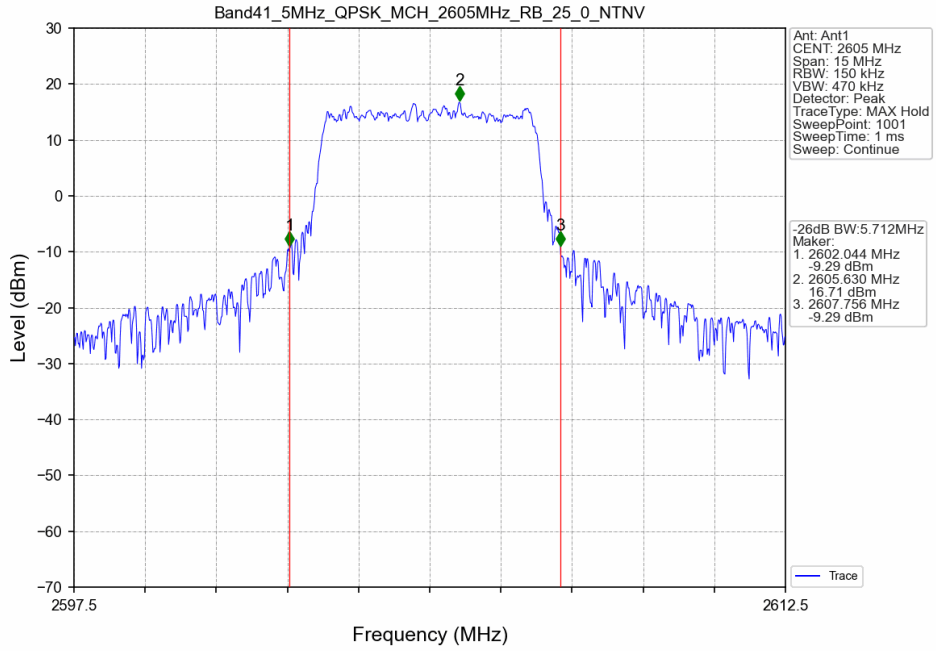
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	5.551	/	Pass
		2605	25	0	5.712	/	Pass
		2652.5	25	0	5.051	/	Pass
	16QAM	2557.5	25	0	4.957	/	Pass
		2605	25	0	5.737	/	Pass
		2652.5	25	0	5.460	/	Pass
10	QPSK	2560	50	0	9.774	/	Pass
		2605	50	0	11.061	/	Pass
		2650	50	0	10.784	/	Pass
	16QAM	2560	50	0	10.408	/	Pass
		2605	50	0	9.700	/	Pass
		2650	50	0	11.455	/	Pass
15	QPSK	2562.5	75	0	16.198	/	Pass
		2605	75	0	16.374	/	Pass
		2647.5	75	0	16.506	/	Pass
	16QAM	2562.5	75	0	15.867	/	Pass
		2605	75	0	14.506	/	Pass
		2647.5	75	0	16.030	/	Pass
20	QPSK	2565	100	0	20.836	/	Pass
		2605	100	0	21.219	/	Pass
		2645	100	0	19.554	/	Pass
	16QAM	2565	100	0	21.154	/	Pass
		2605	100	0	20.923	/	Pass
		2645	100	0	21.243	/	Pass

12.2.2 Test Graph

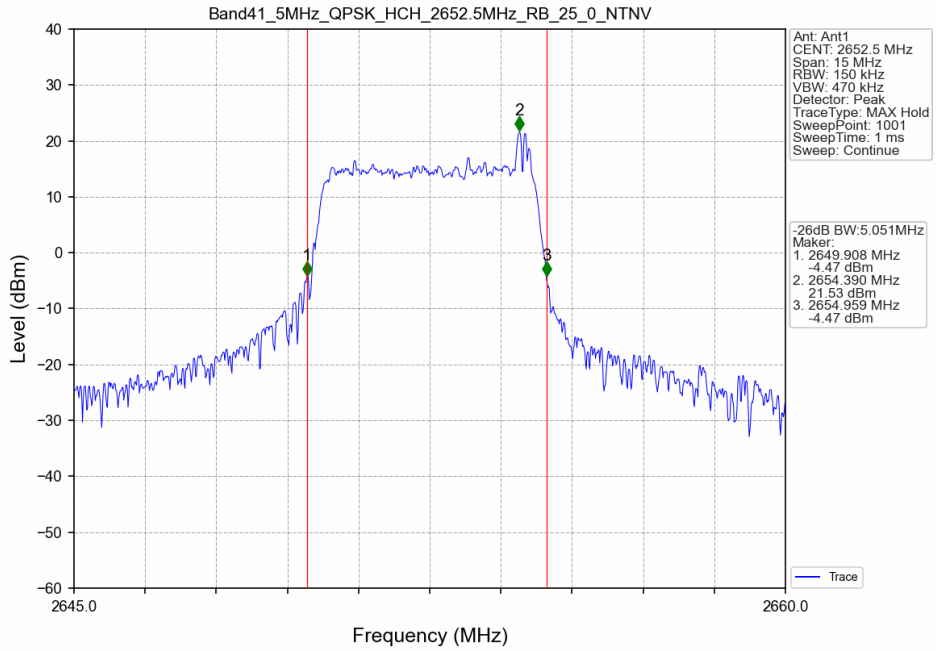
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV



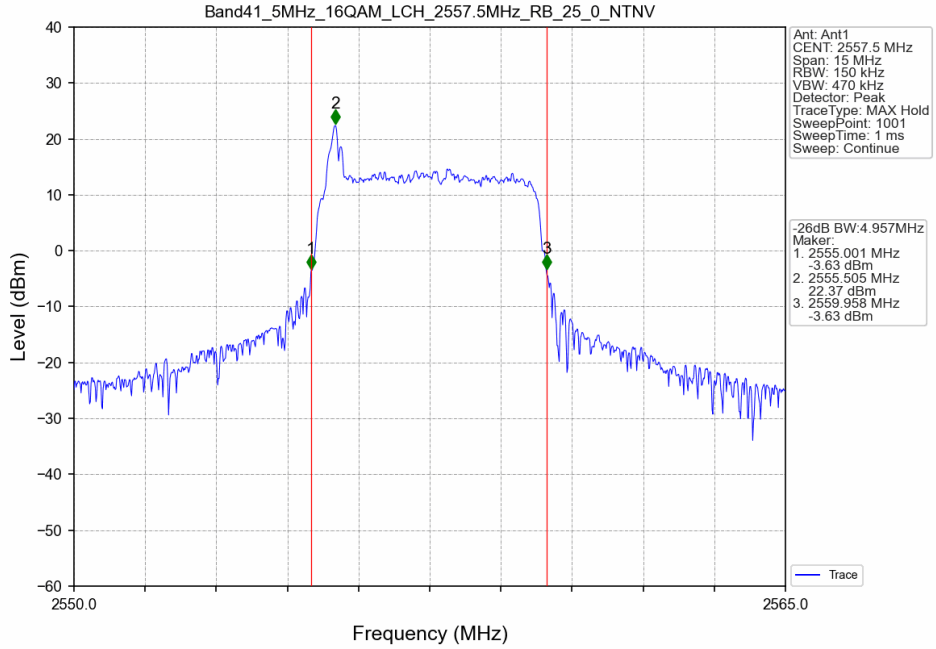
Band41_5MHz_QPSK_MCH_2605MHz_RB_25_0_NTNV



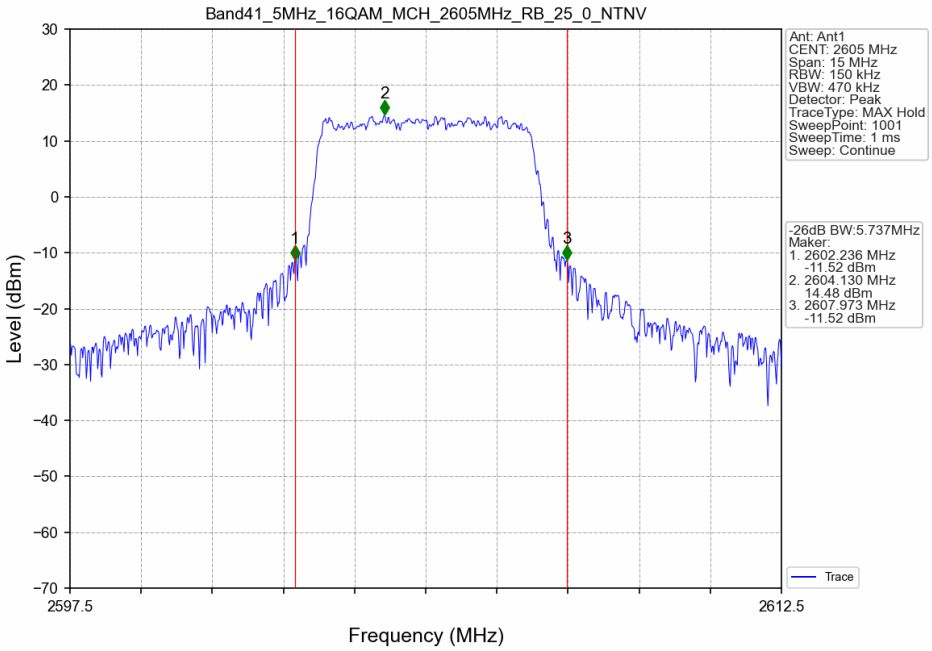
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



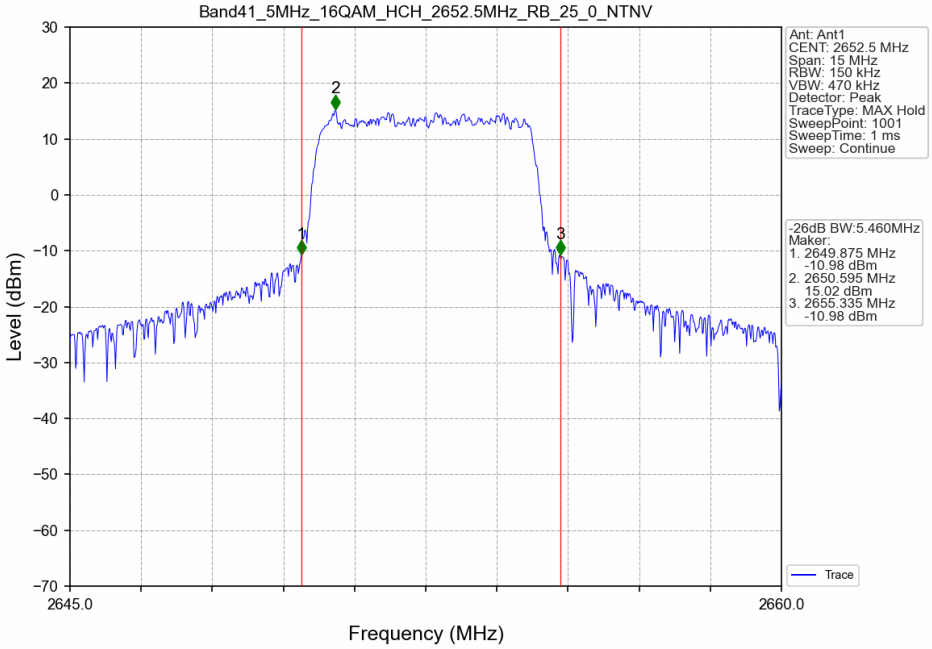
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



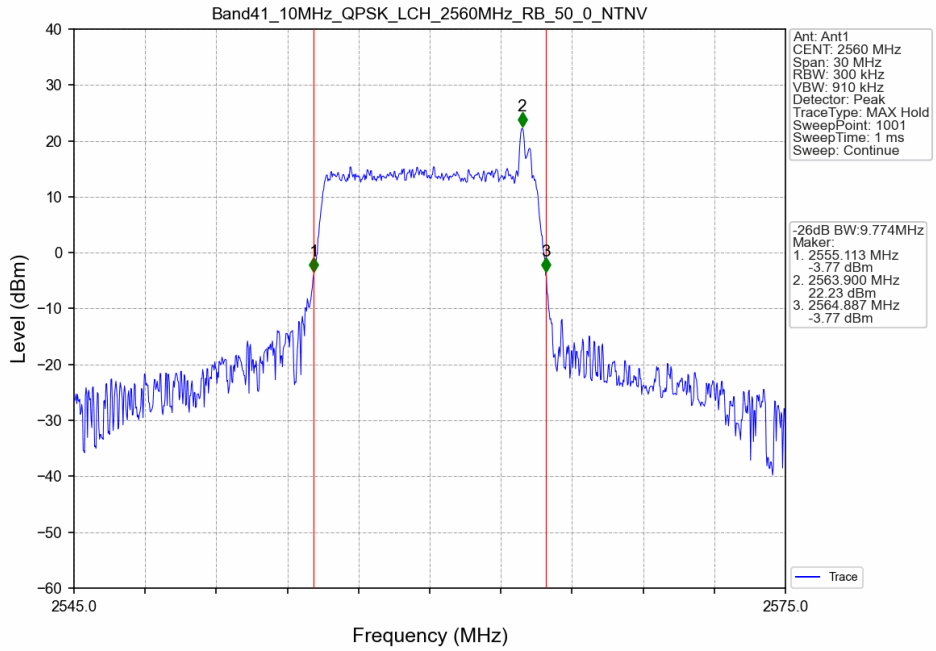
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



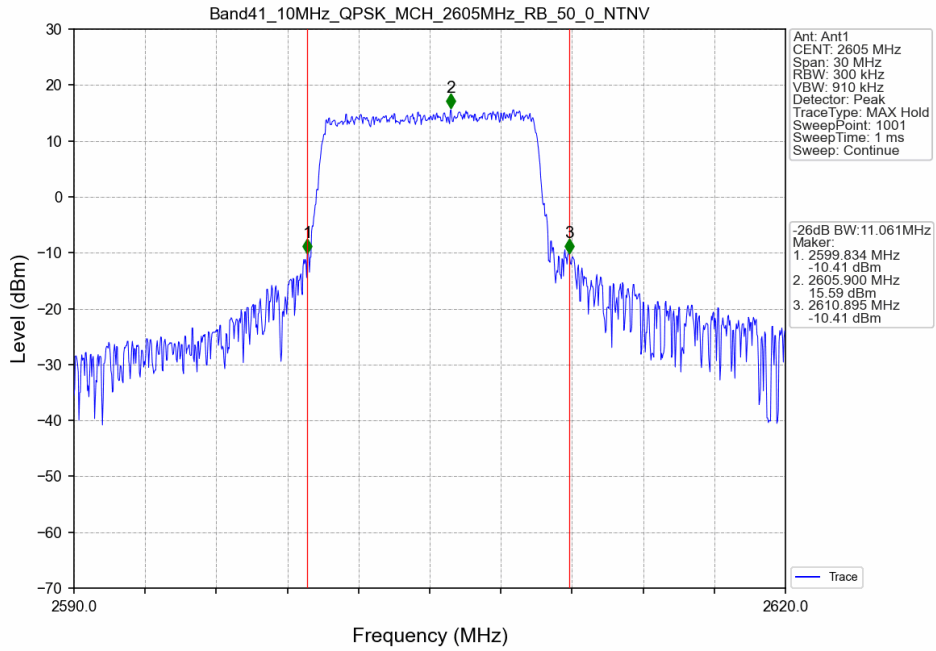
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



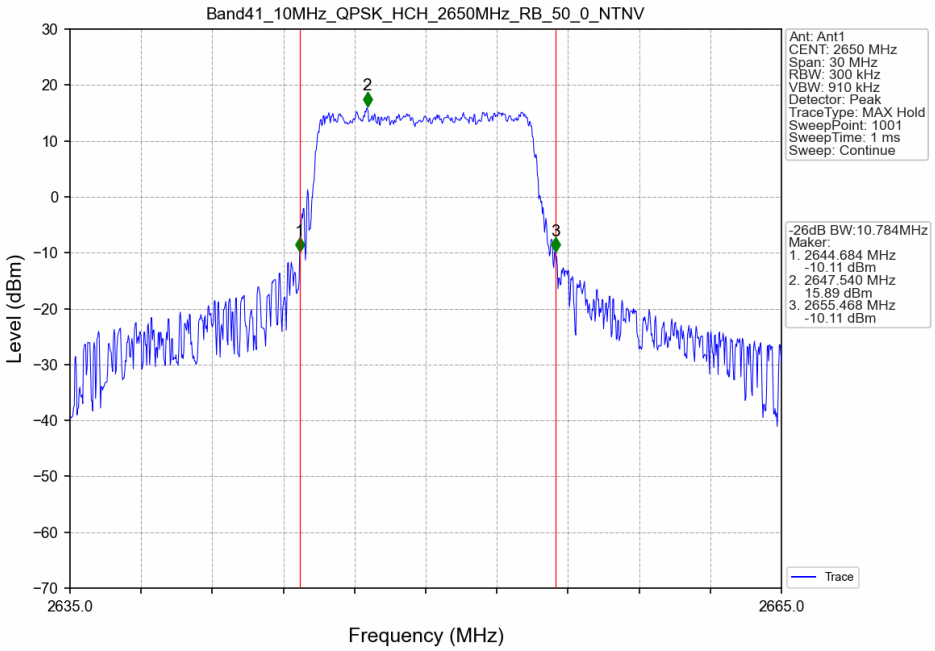
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



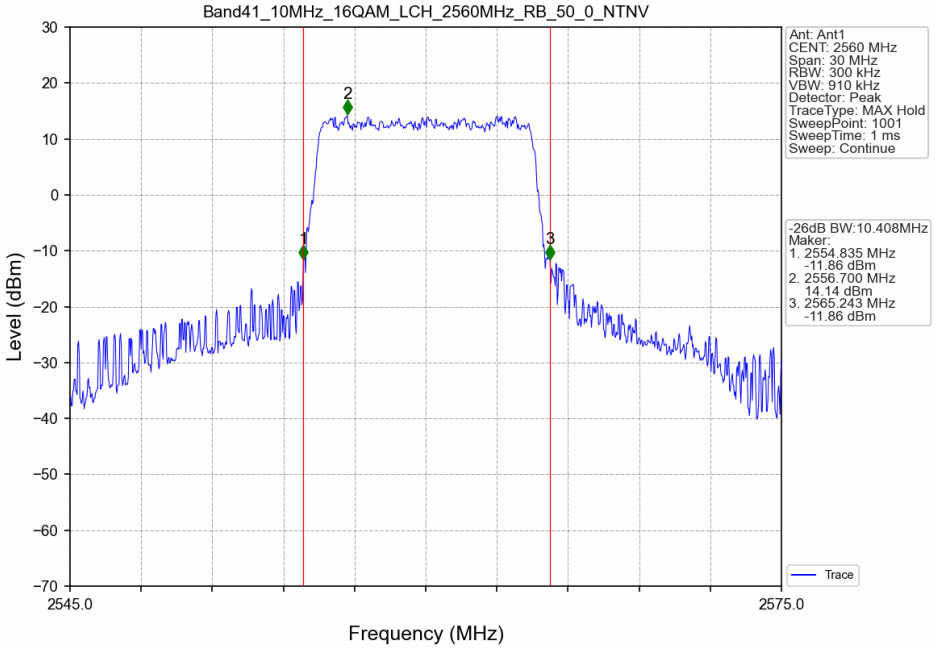
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



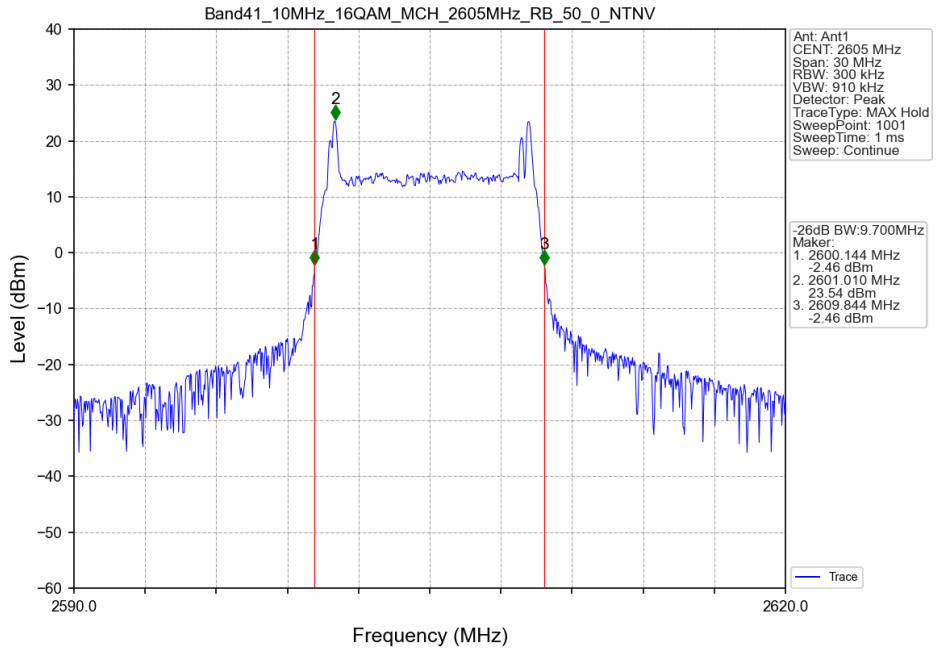
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



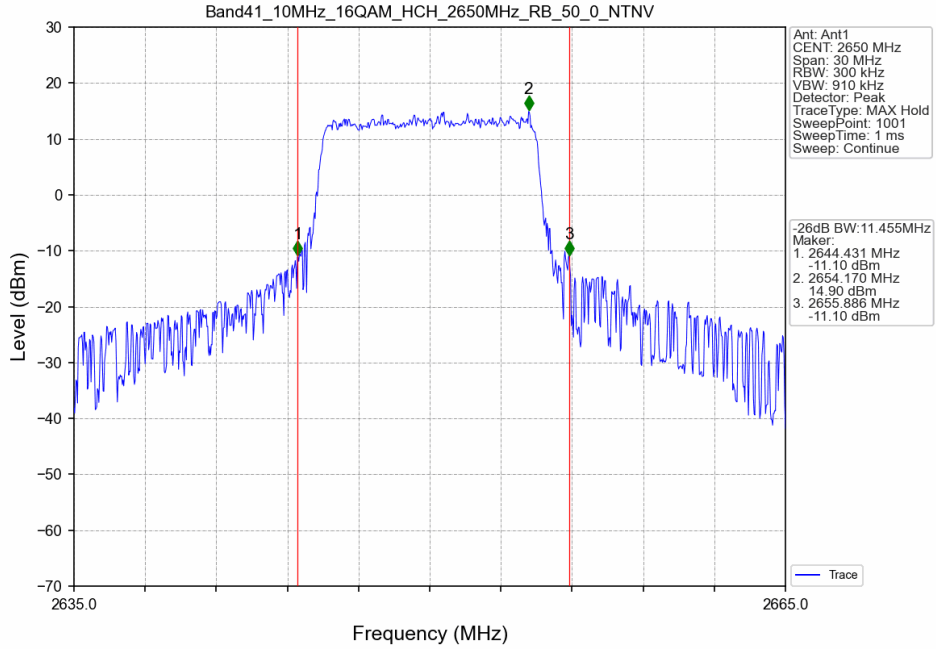
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



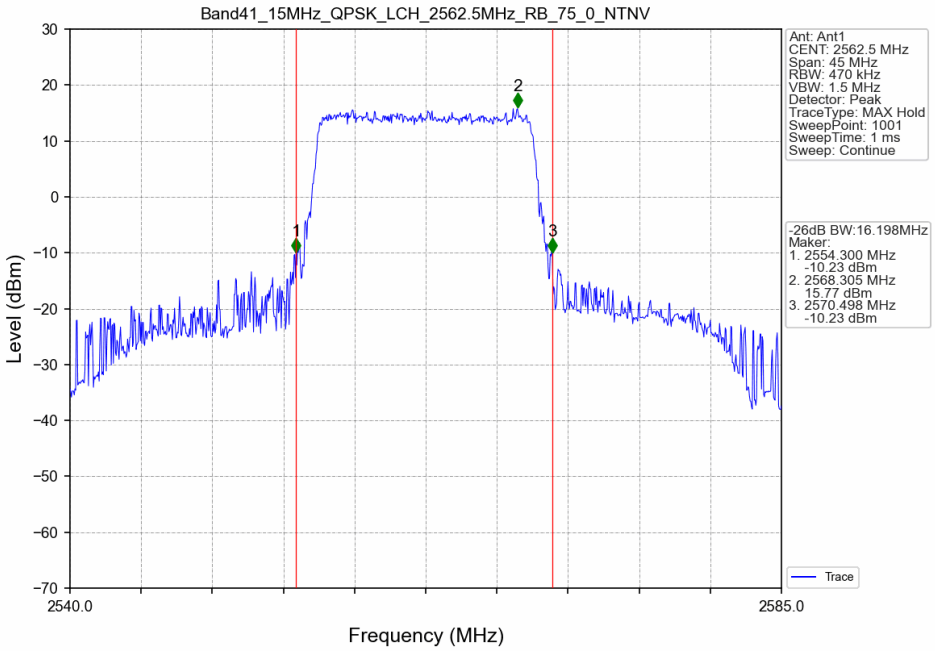
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



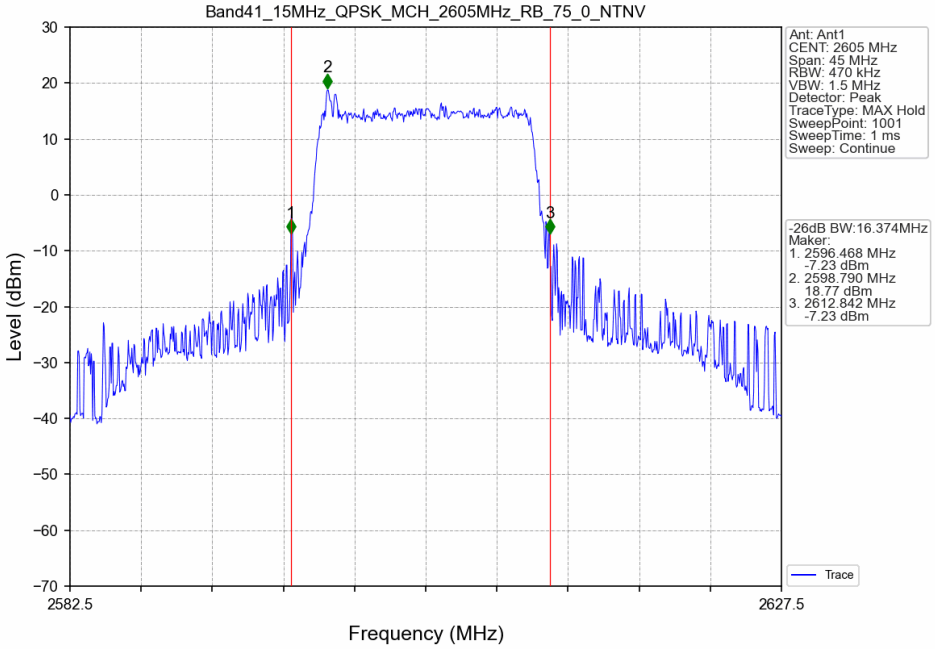
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



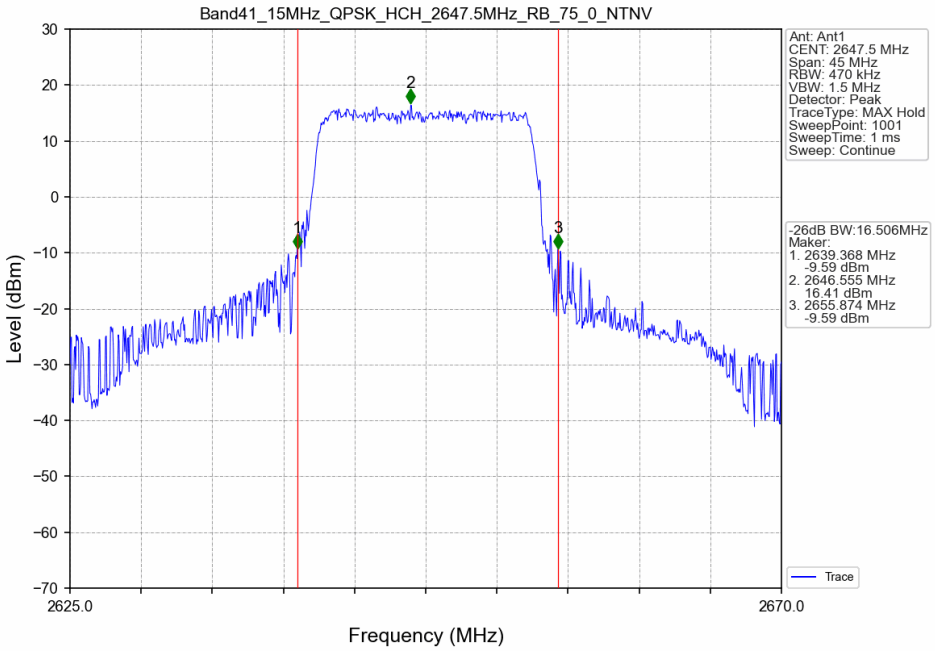
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



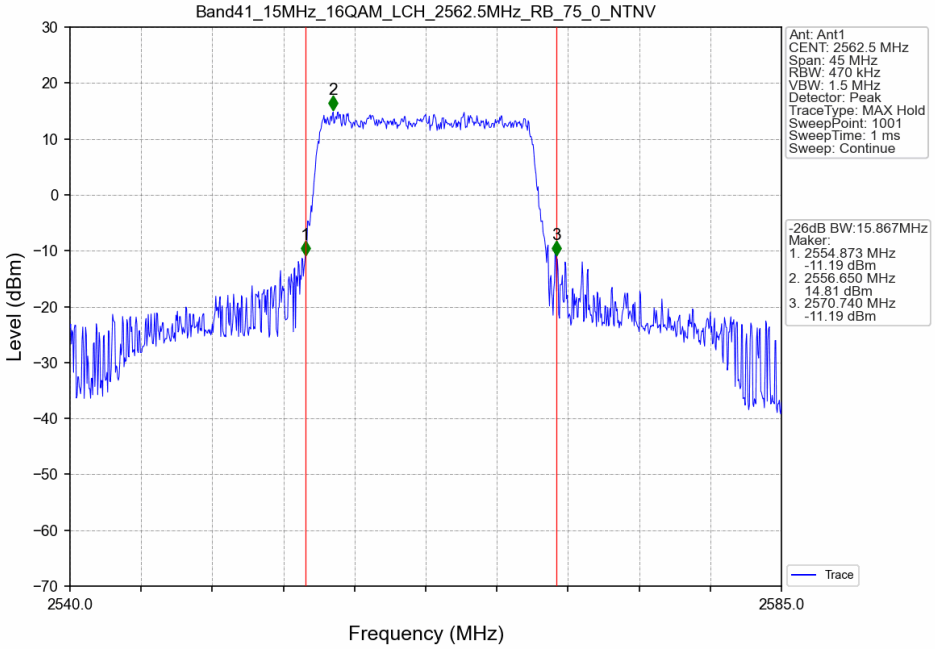
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



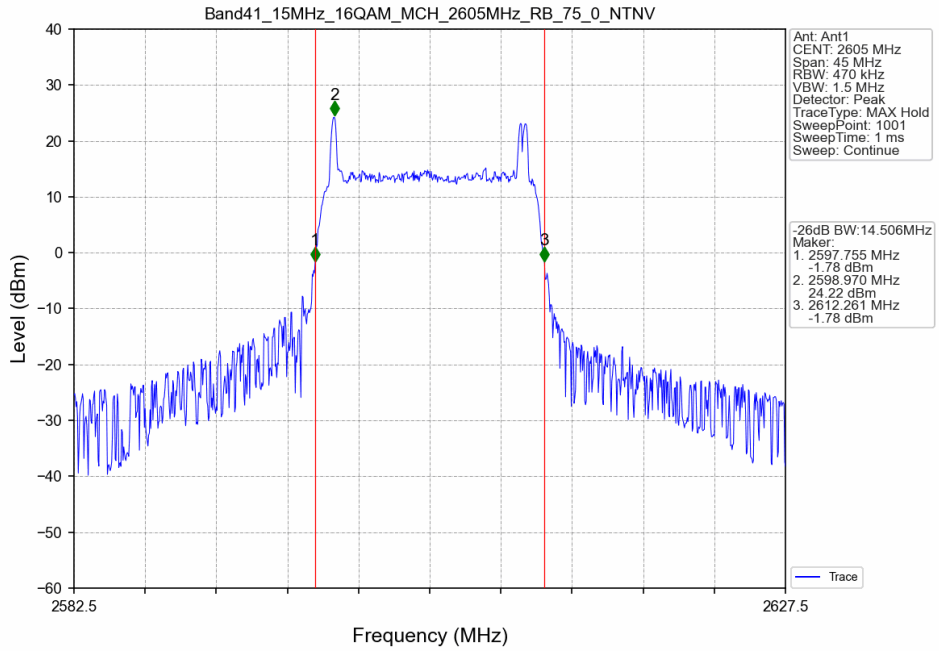
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



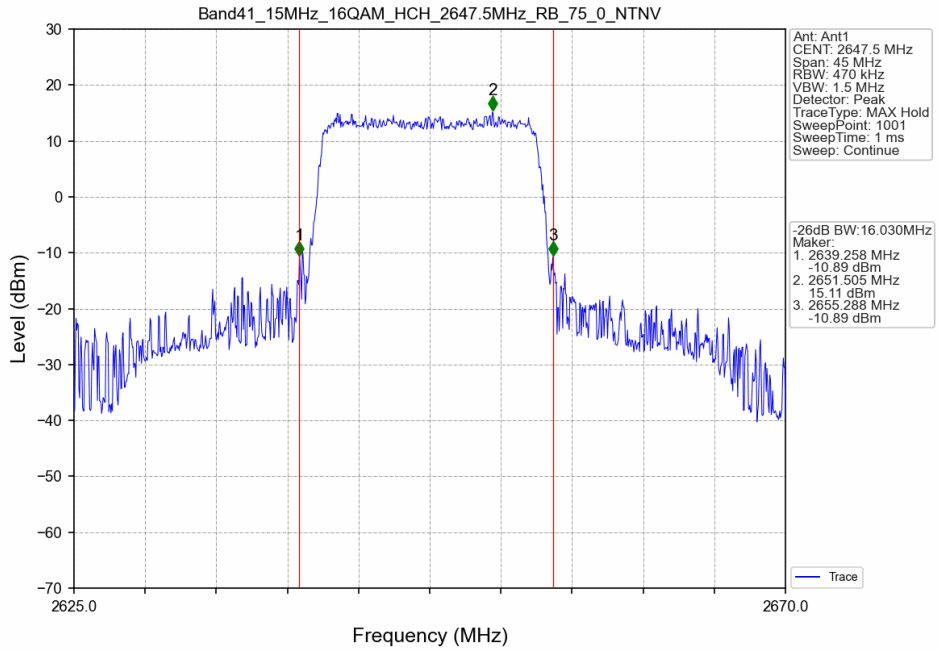
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



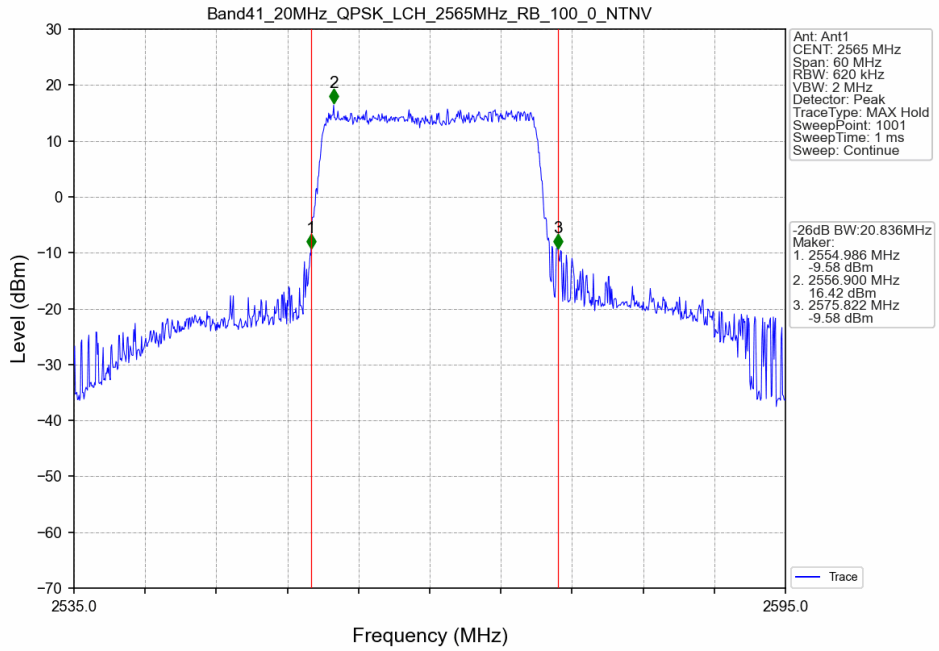
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



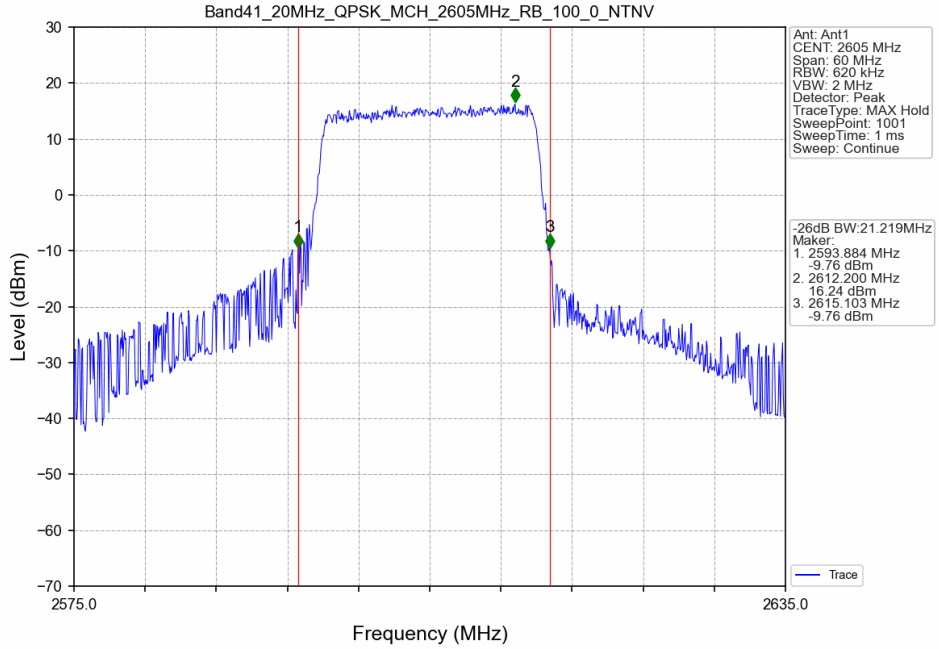
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



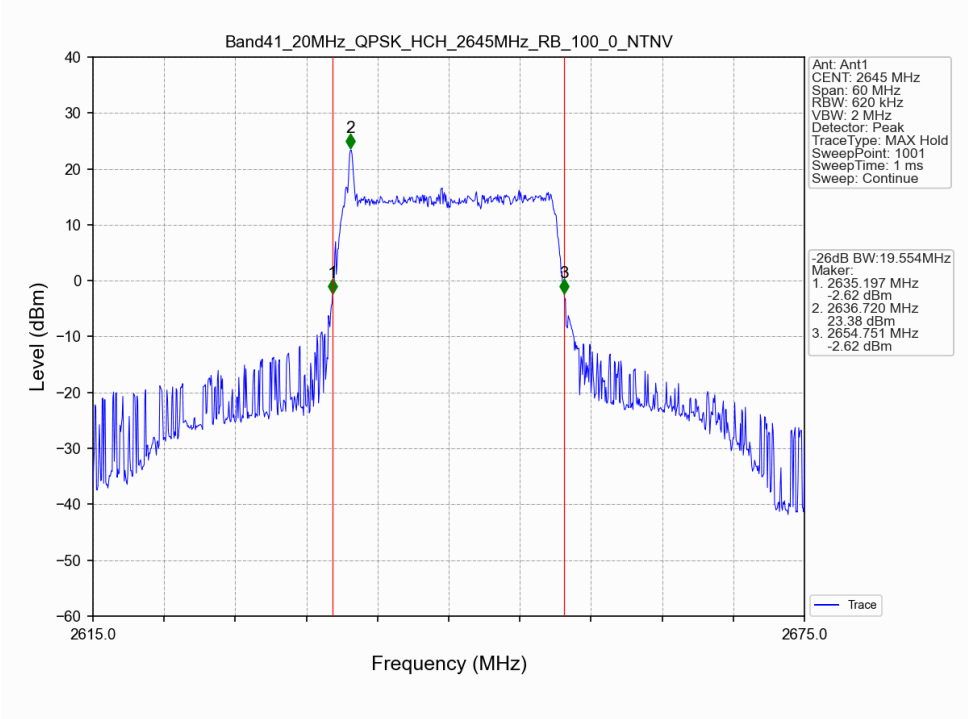
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



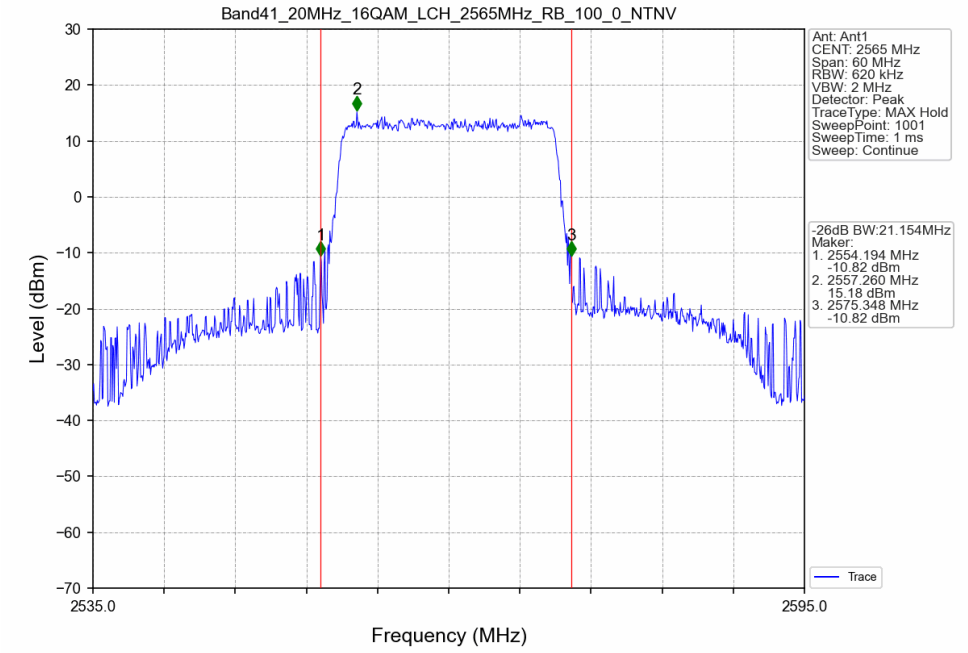
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



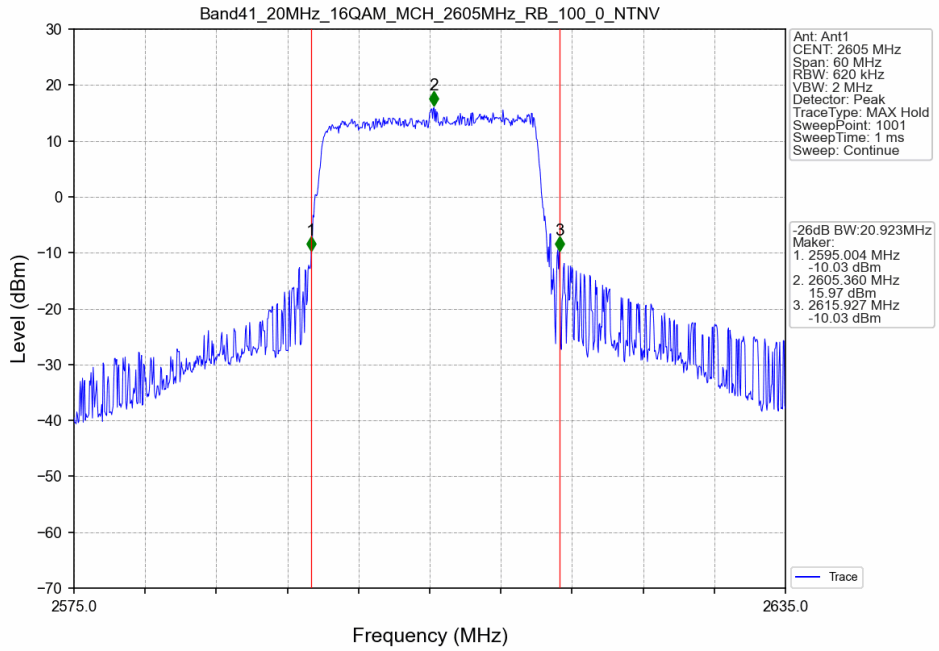
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



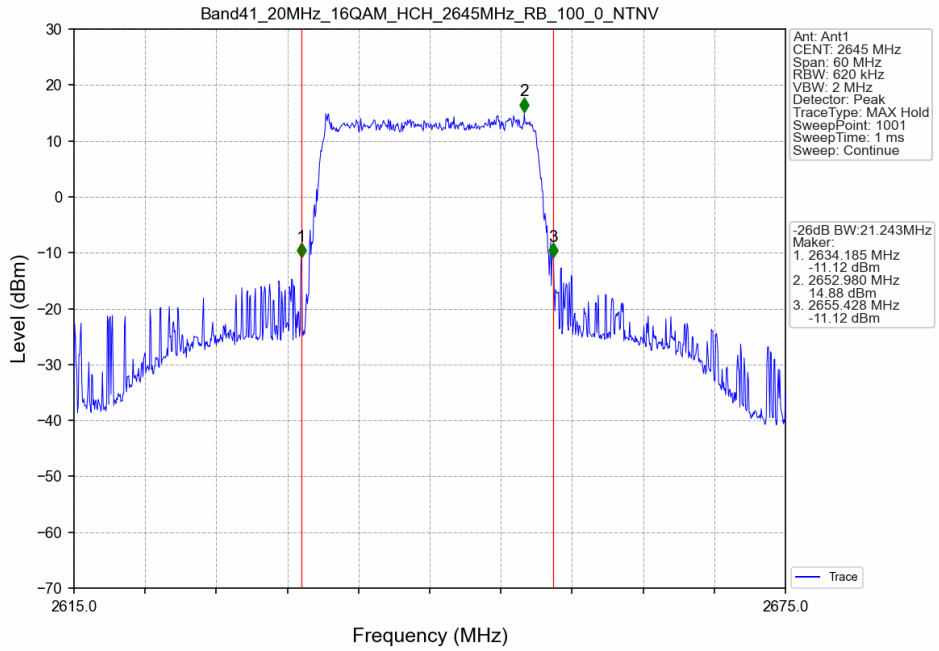
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



13. 99% & 26dB Bandwidth

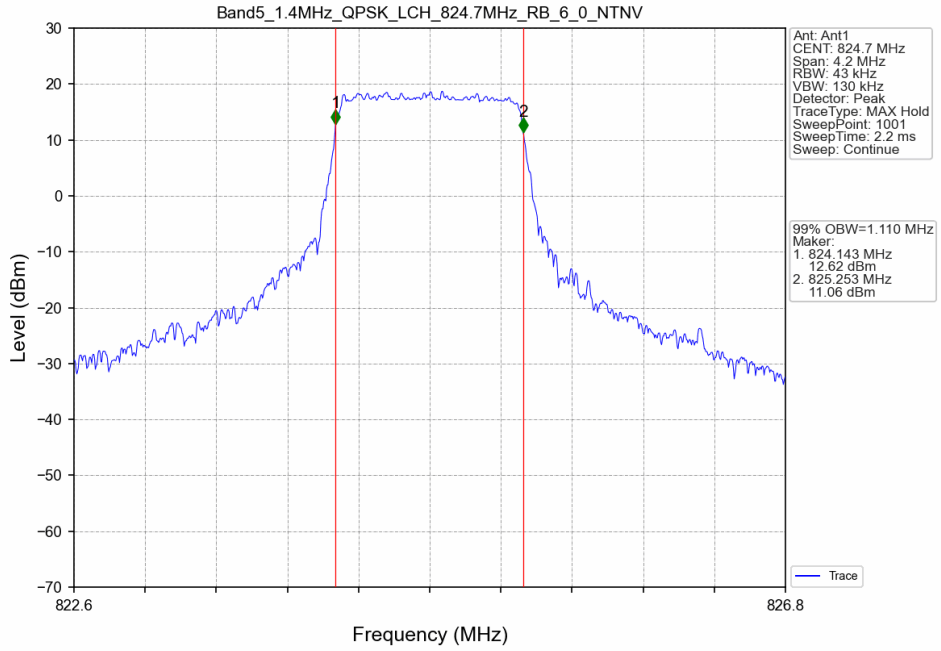
13.1 Band5_OBW

13.1.1 Test Result

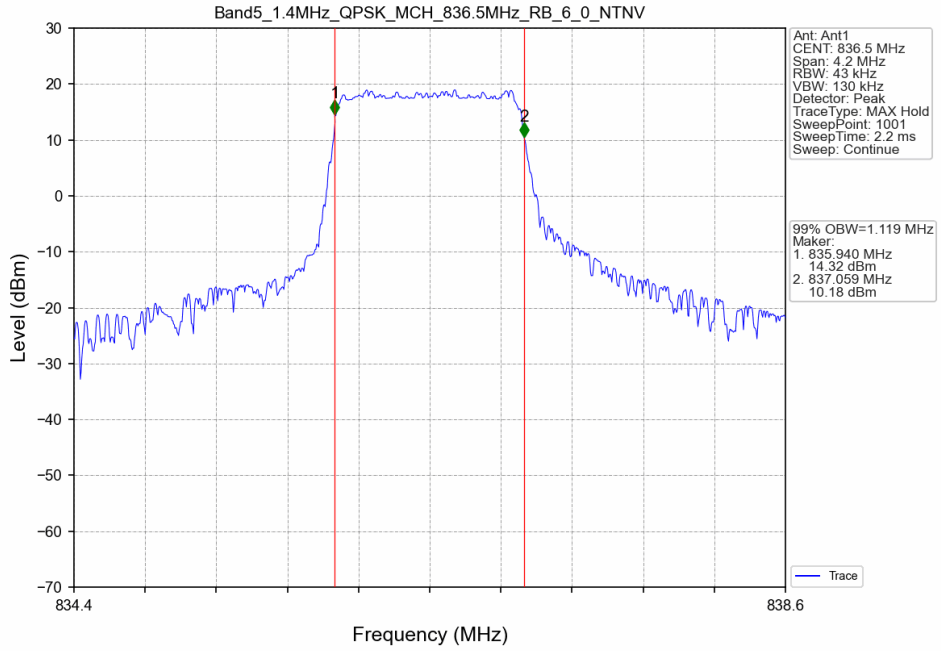
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.110	/	Pass
		836.5	6	0	1.119	/	Pass
		848.3	6	0	1.123	/	Pass
	16QAM	824.7	6	0	1.120	/	Pass
		836.5	6	0	1.131	/	Pass
		848.3	6	0	1.132	/	Pass
3	QPSK	825.5	15	0	2.768	/	Pass
		836.5	15	0	2.774	/	Pass
		847.5	15	0	2.774	/	Pass
	16QAM	825.5	15	0	2.791	/	Pass
		836.5	15	0	2.764	/	Pass
		847.5	15	0	2.791	/	Pass
5	QPSK	826.5	25	0	4.597	/	Pass
		836.5	25	0	4.564	/	Pass
		846.5	25	0	4.585	/	Pass
	16QAM	826.5	25	0	4.571	/	Pass
		836.5	25	0	4.610	/	Pass
		846.5	25	0	4.591	/	Pass
10	QPSK	829	50	0	9.074	/	Pass
		836.5	50	0	9.059	/	Pass
		844	50	0	9.078	/	Pass
	16QAM	829	50	0	9.098	/	Pass
		836.5	50	0	9.066	/	Pass
		844	50	0	9.075	/	Pass

13.1.2 Test Graph

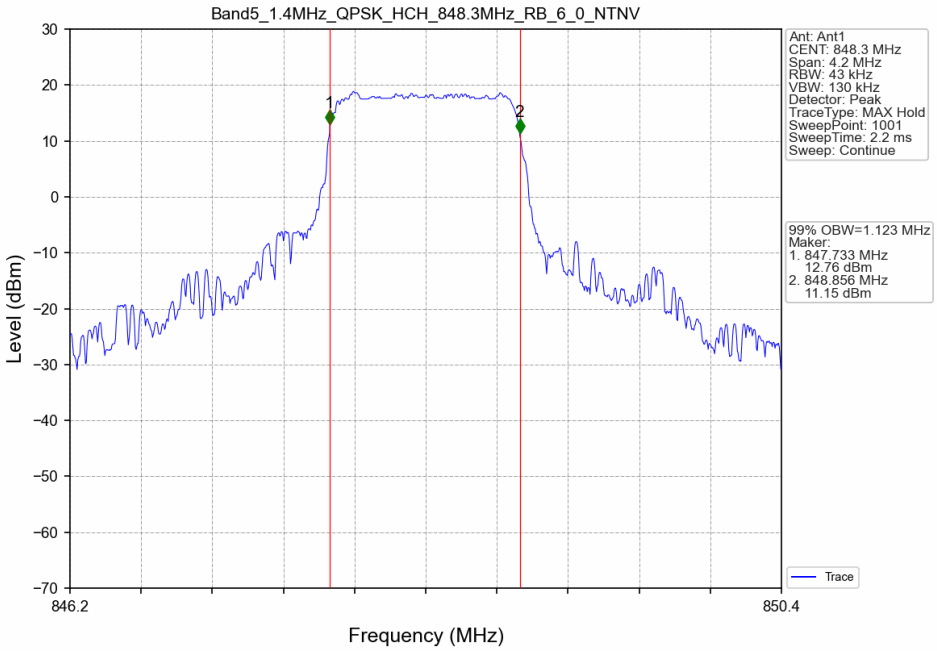
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



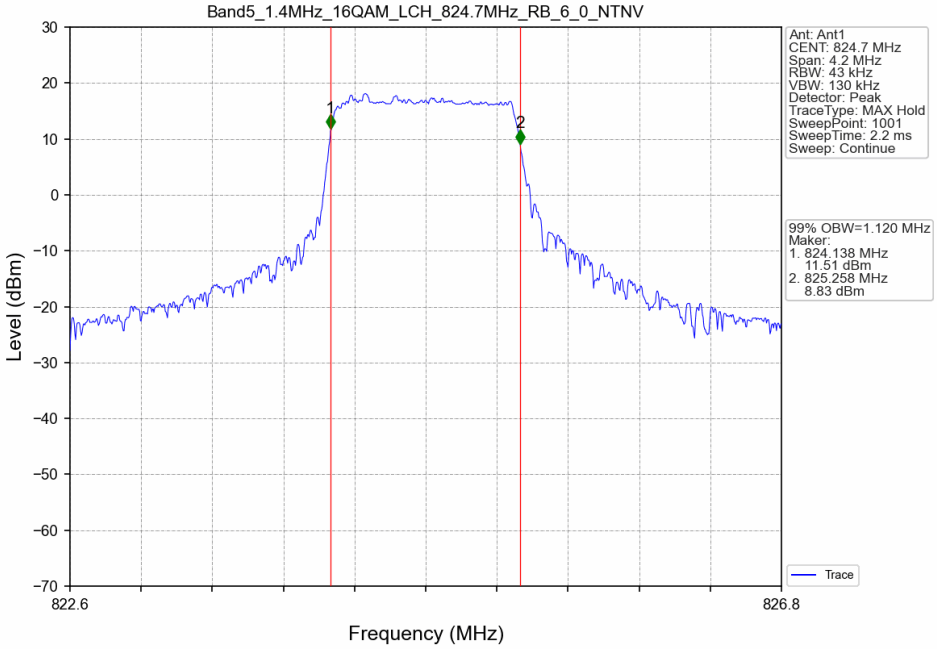
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



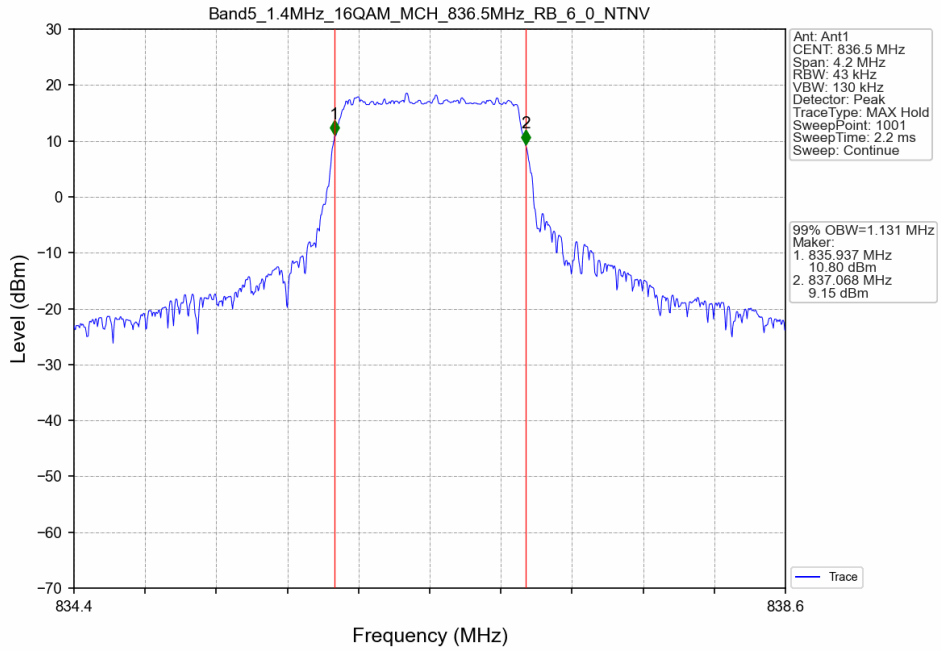
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



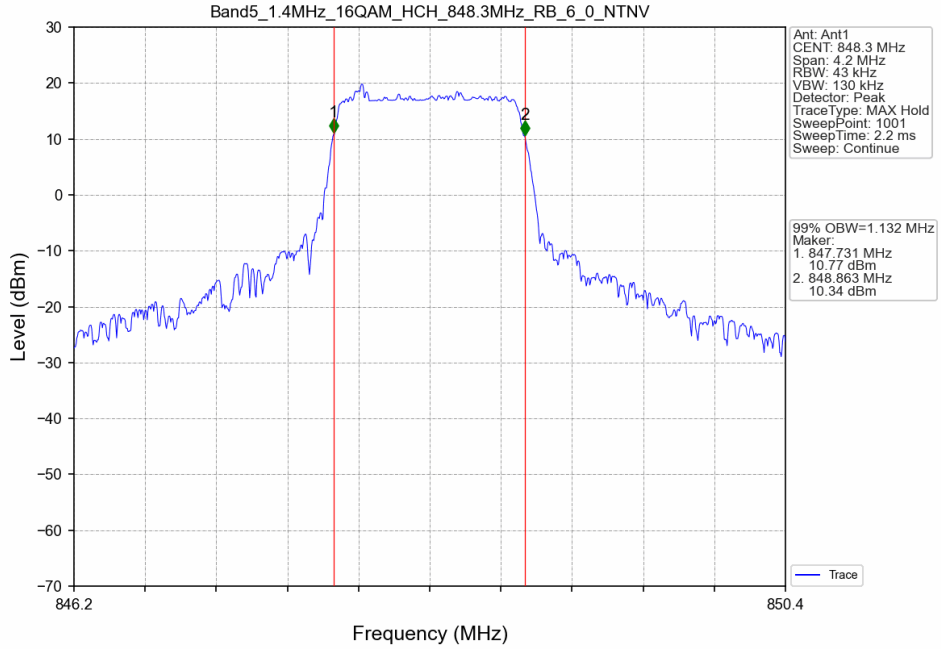
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



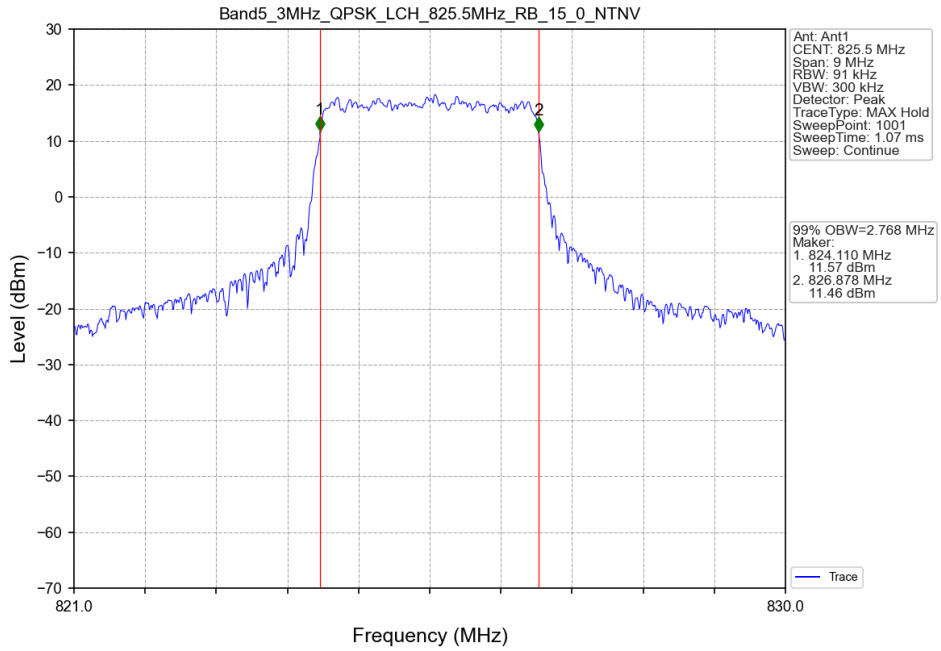
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



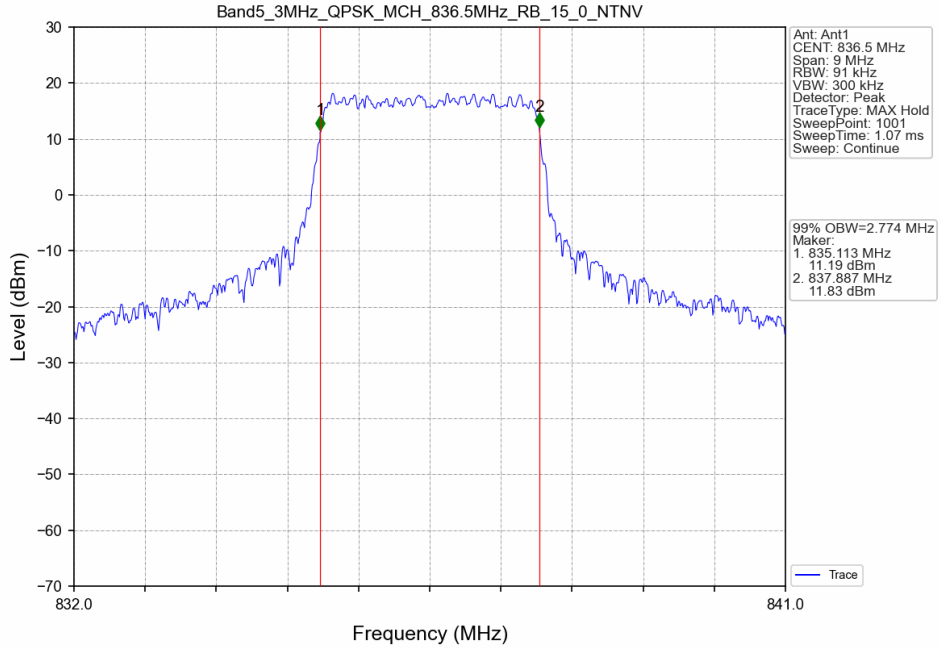
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



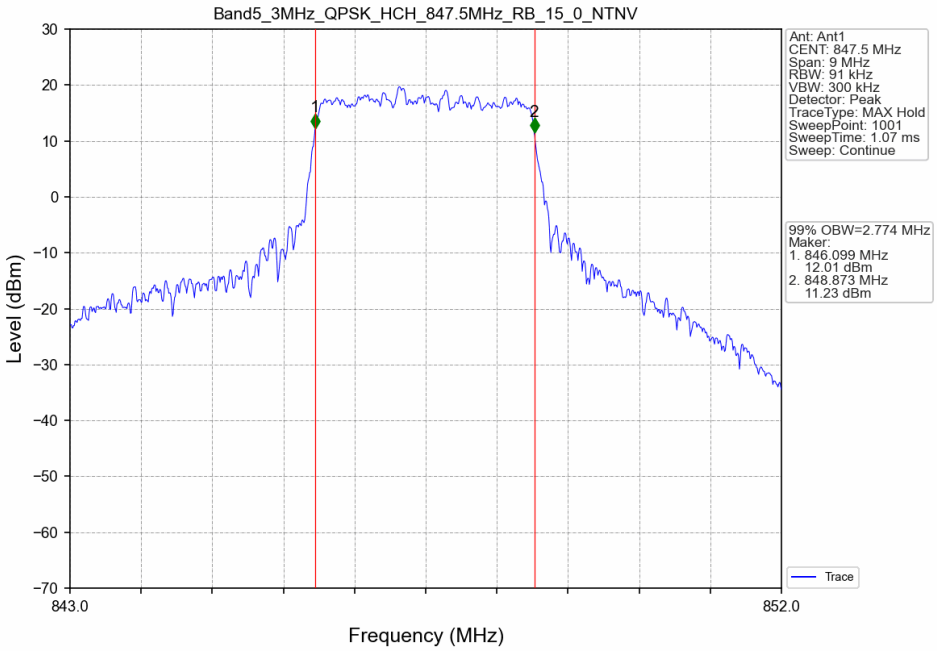
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



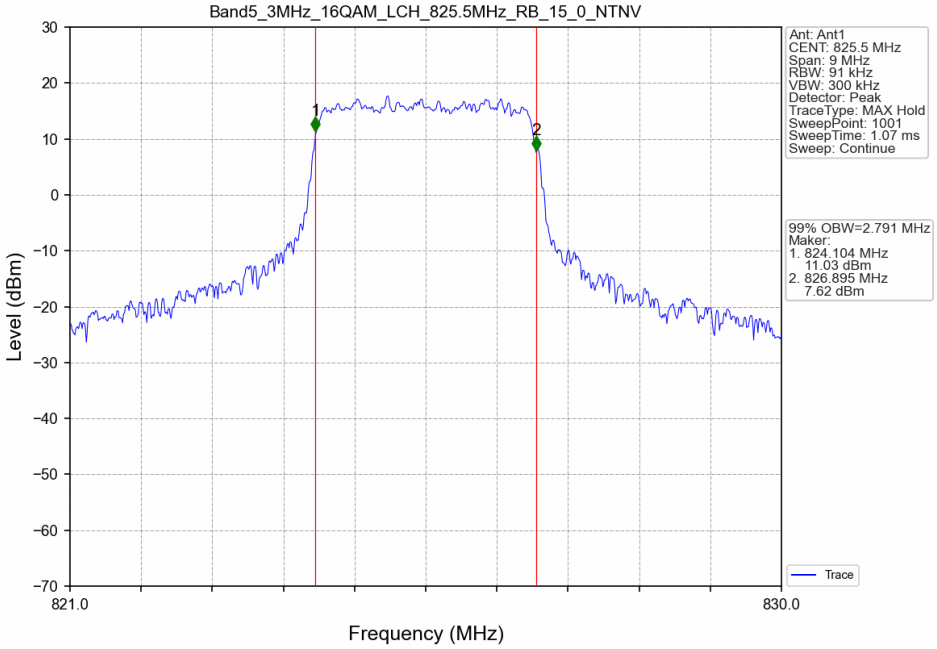
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



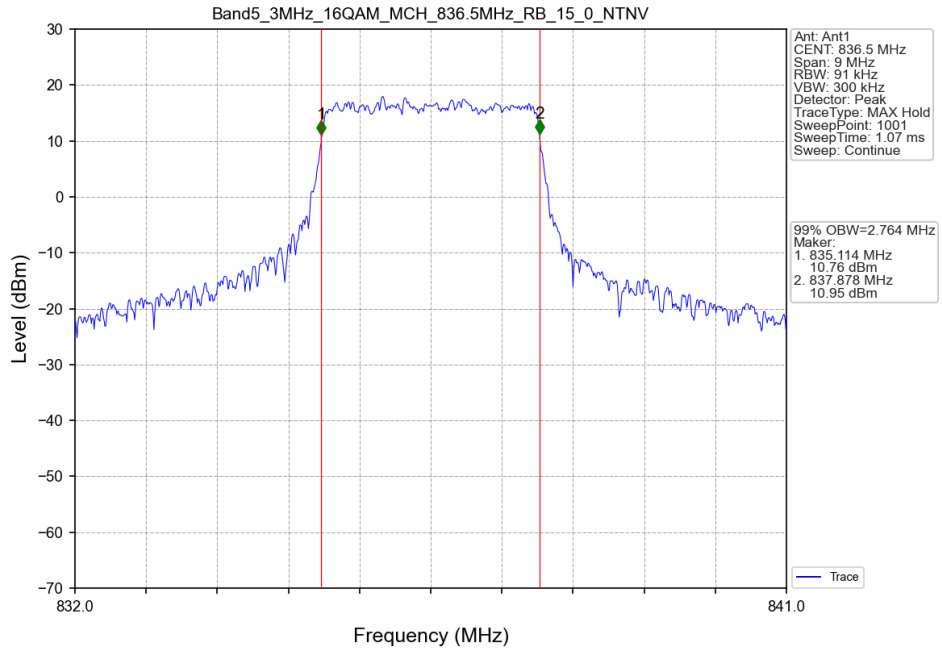
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



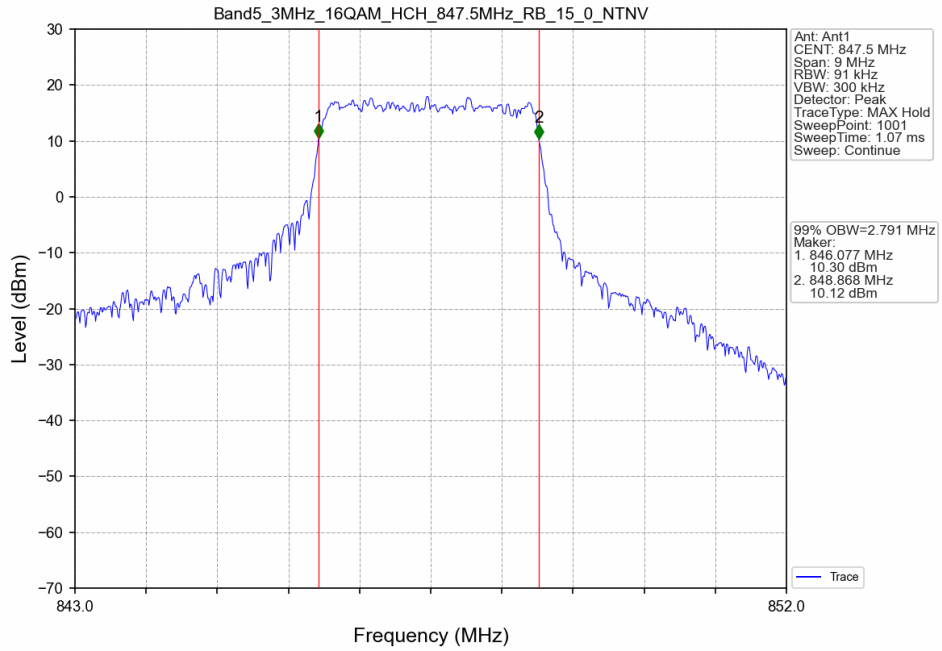
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



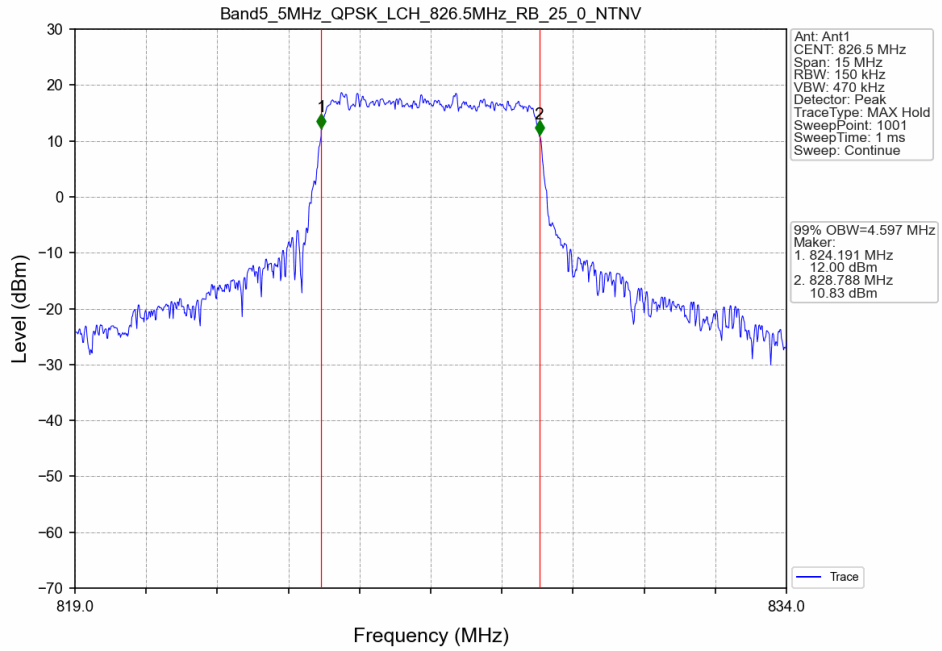
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



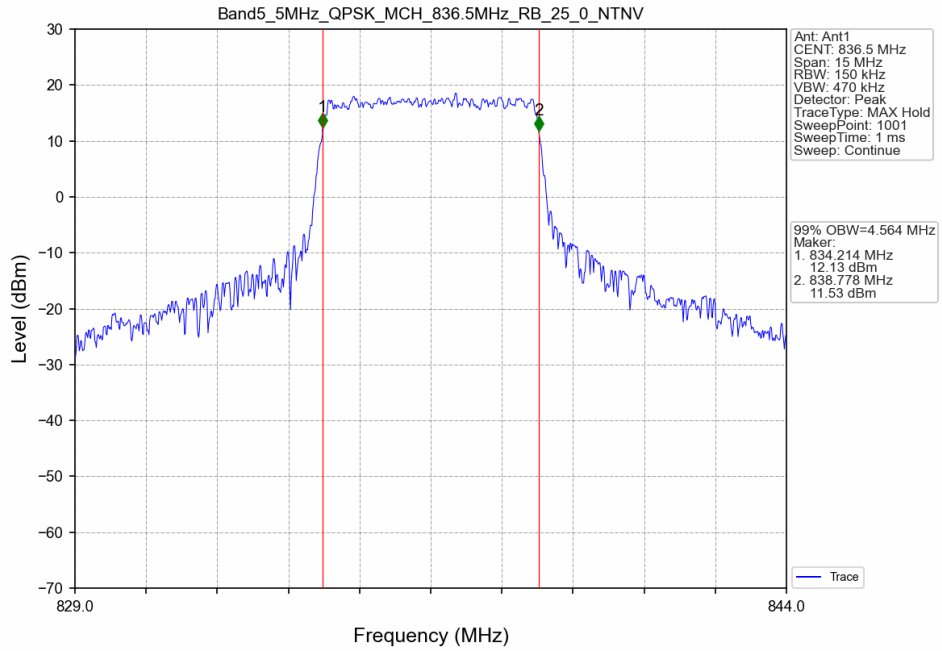
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



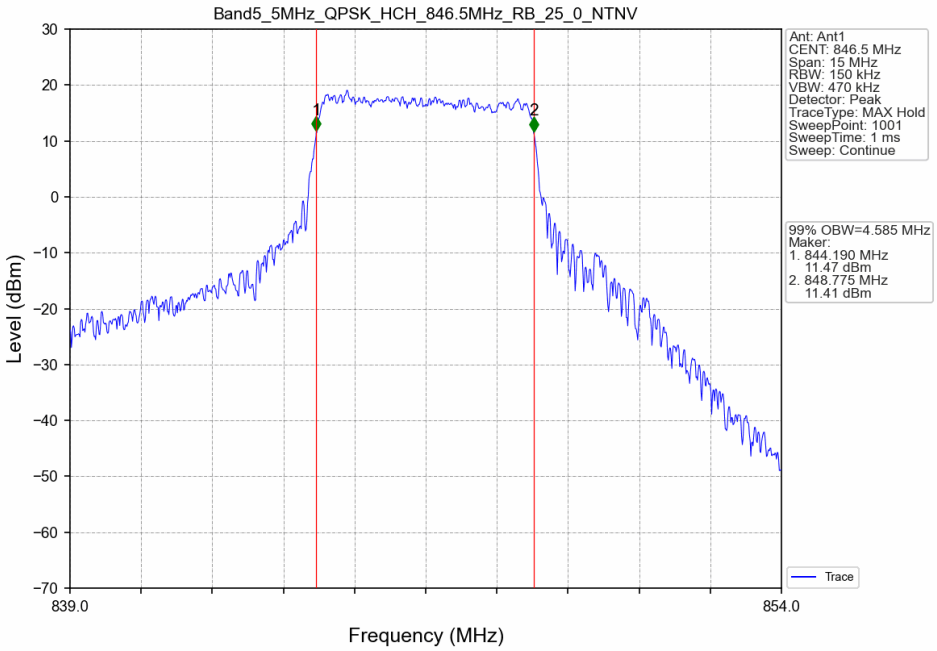
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



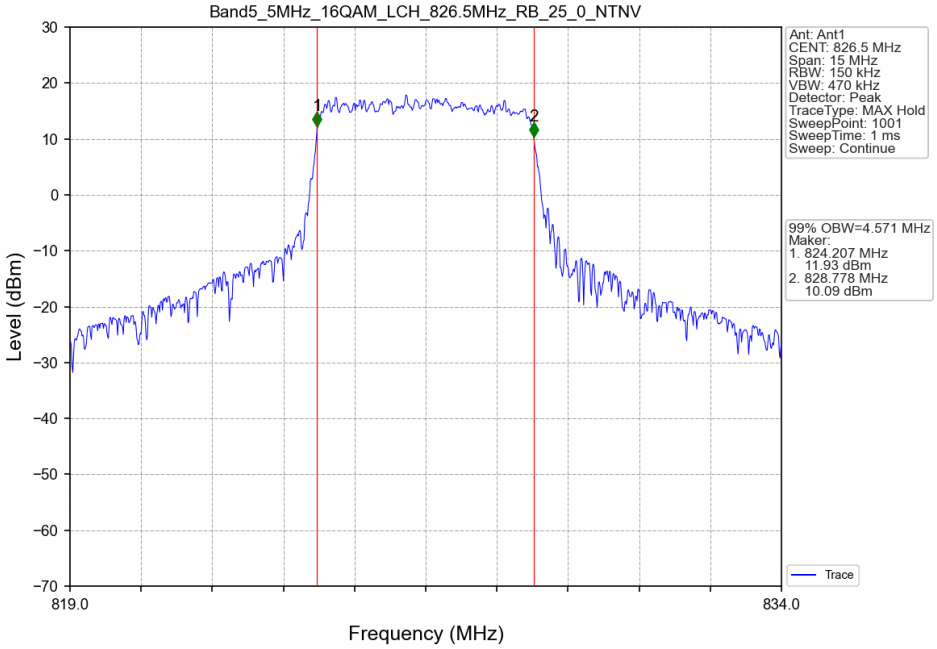
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



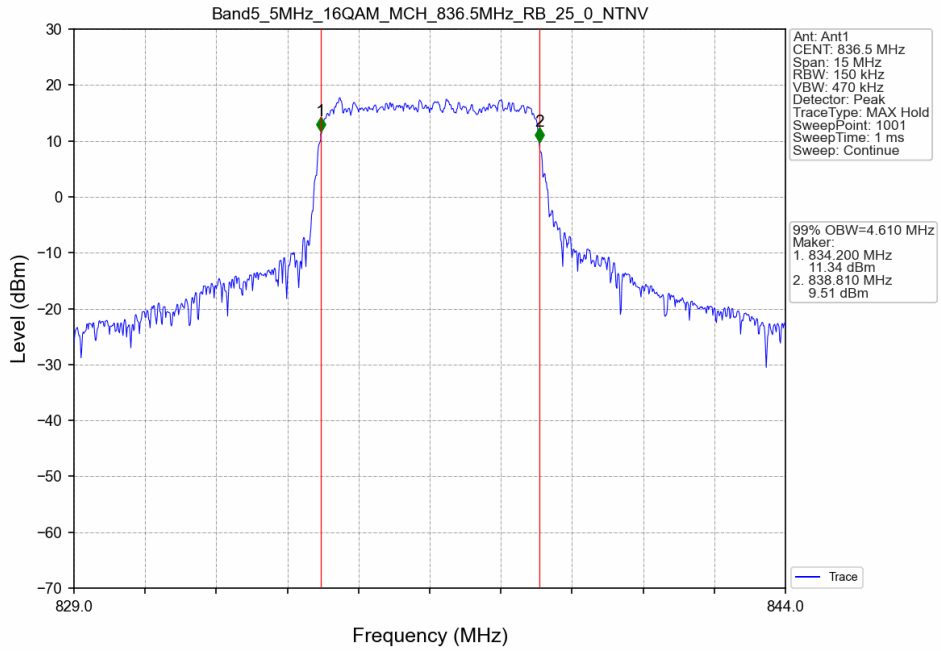
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



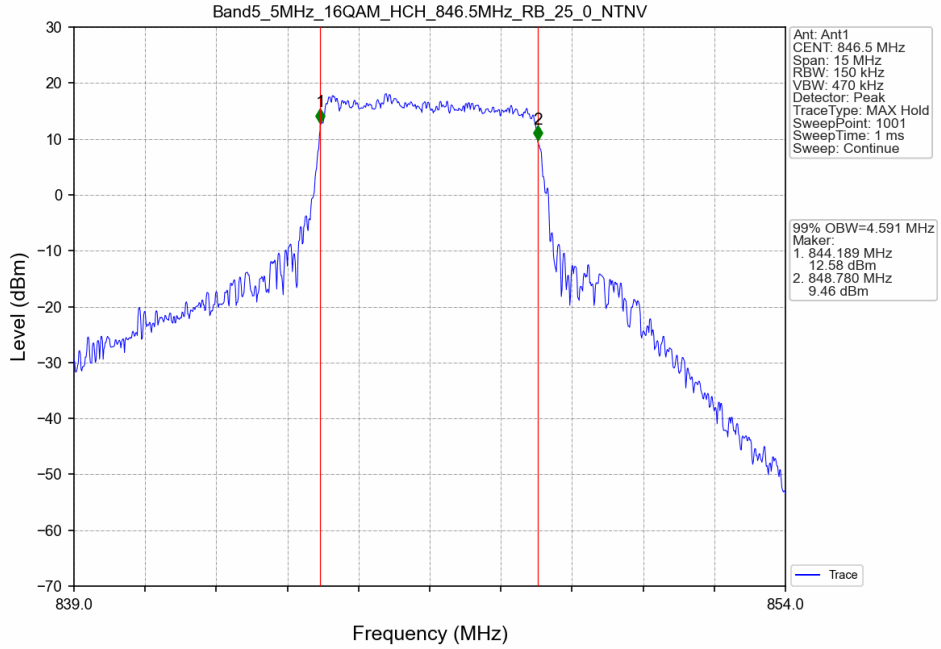
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



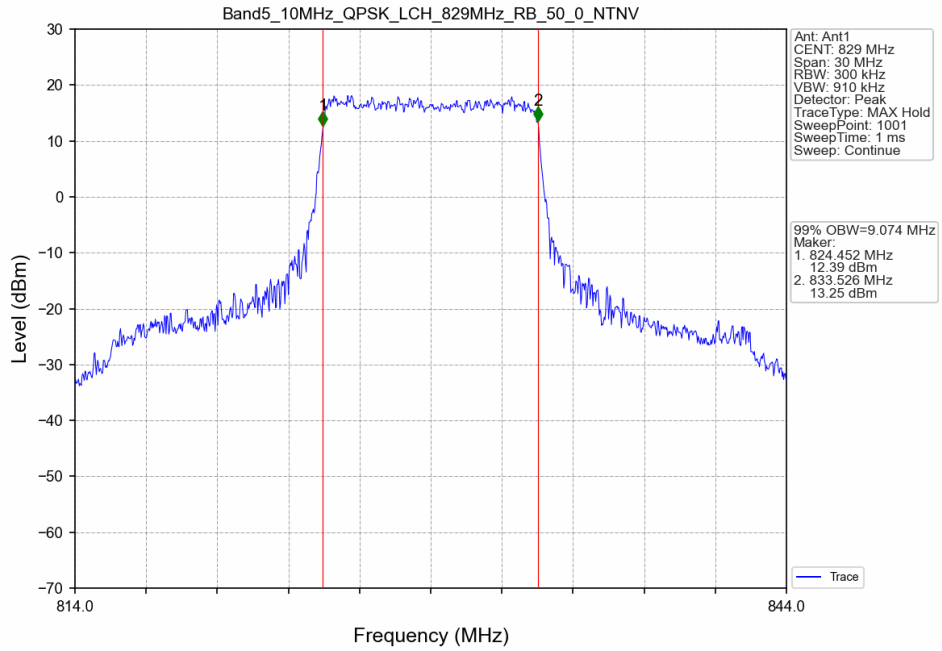
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



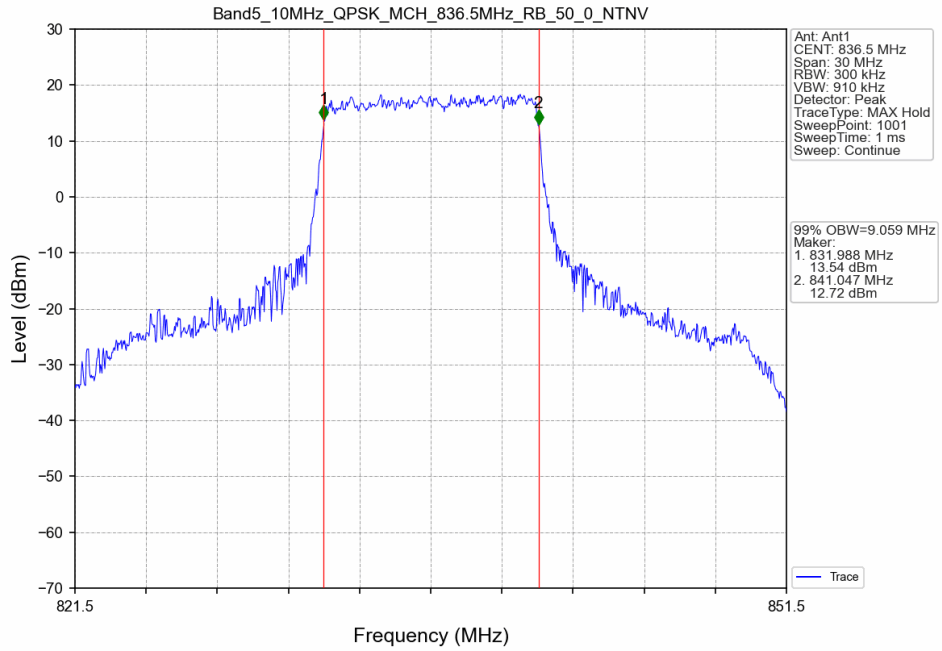
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



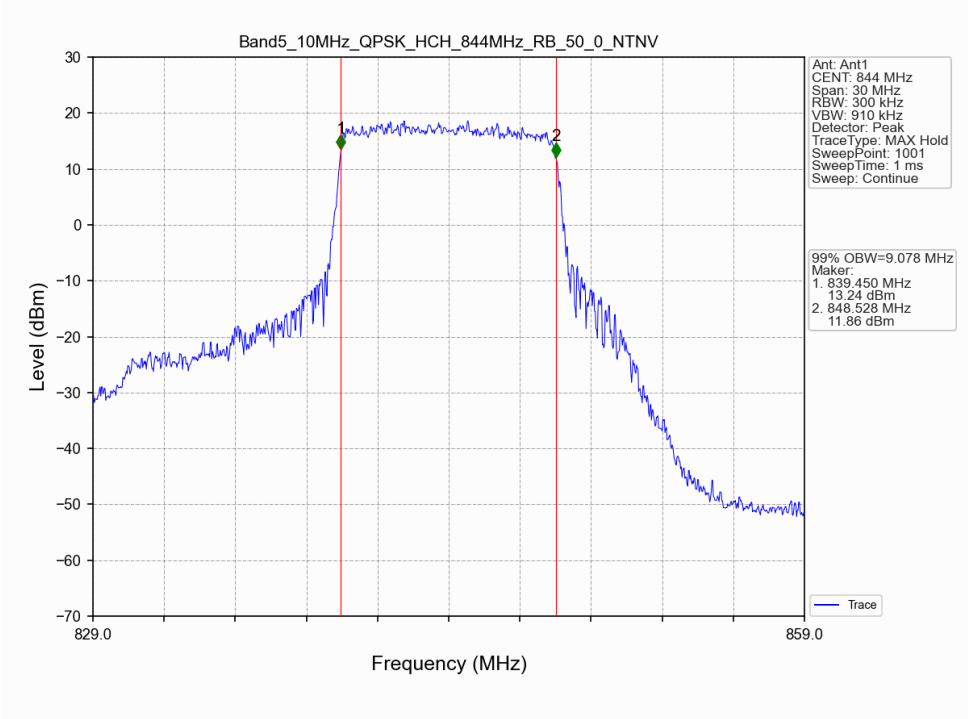
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



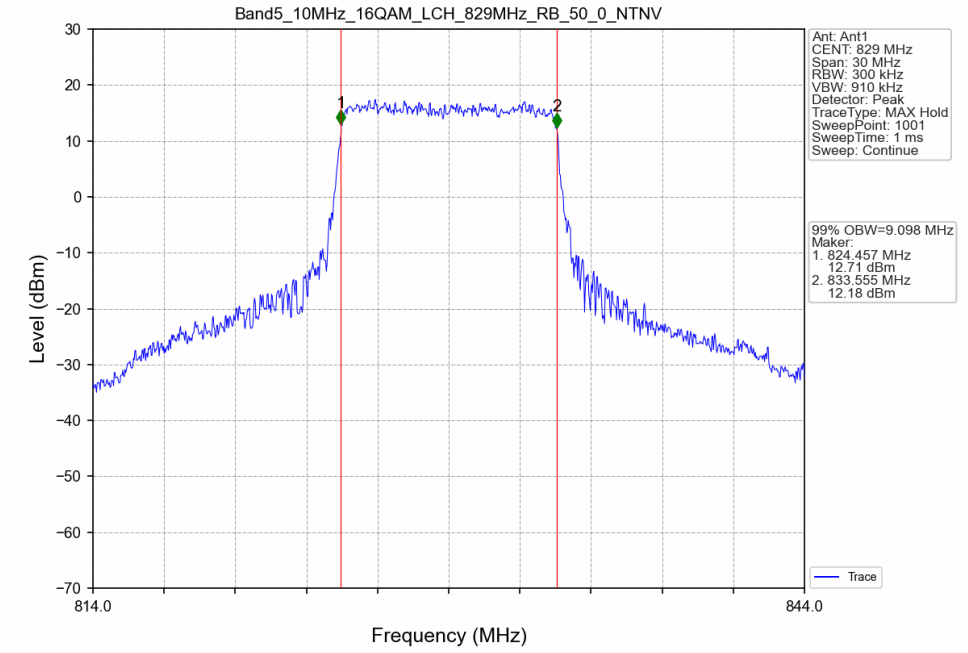
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



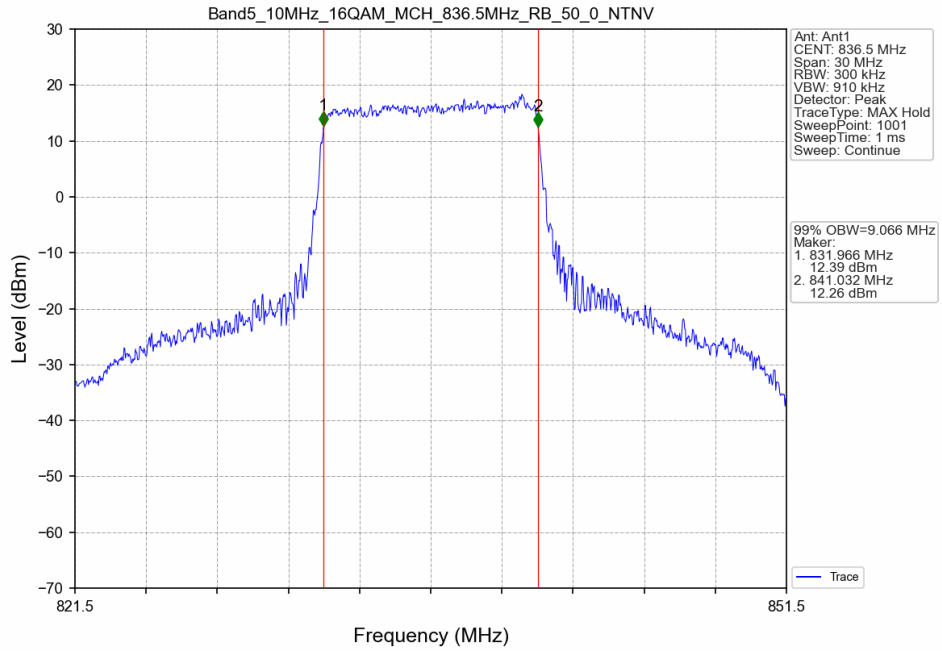
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



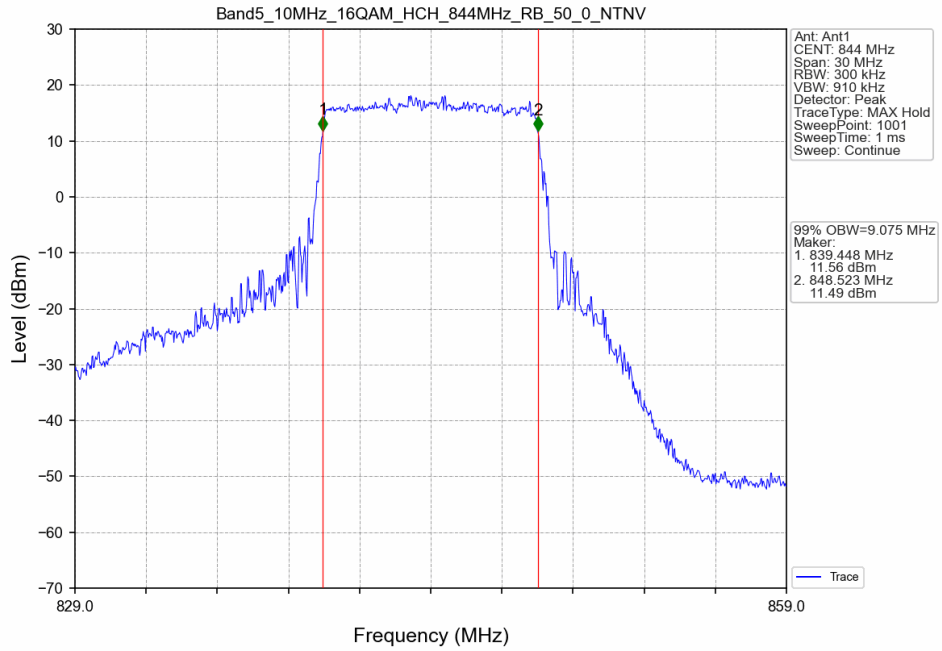
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



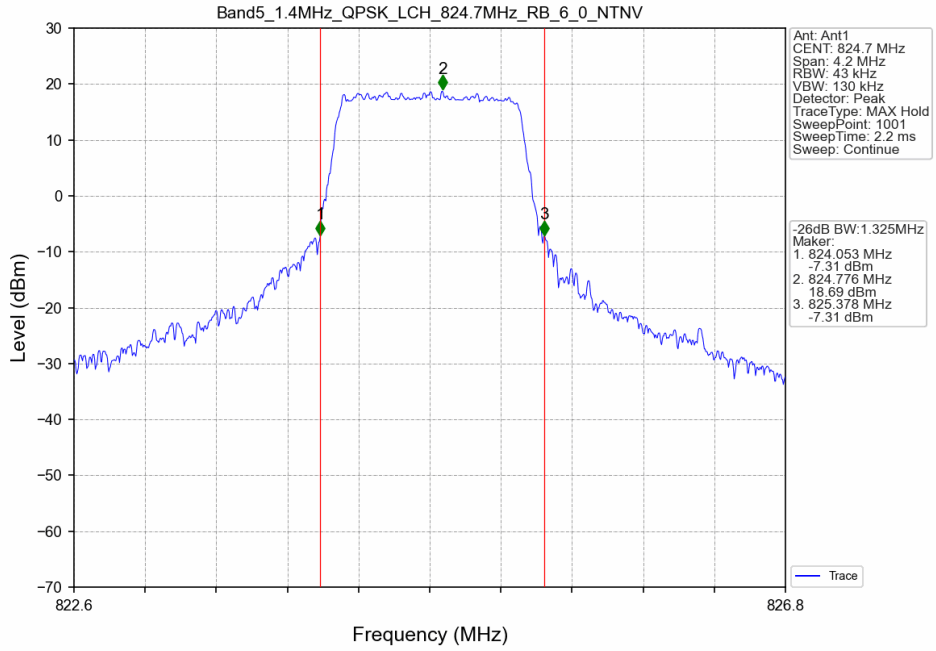
13.2 Band5_XDB

13.2.1 Test Result

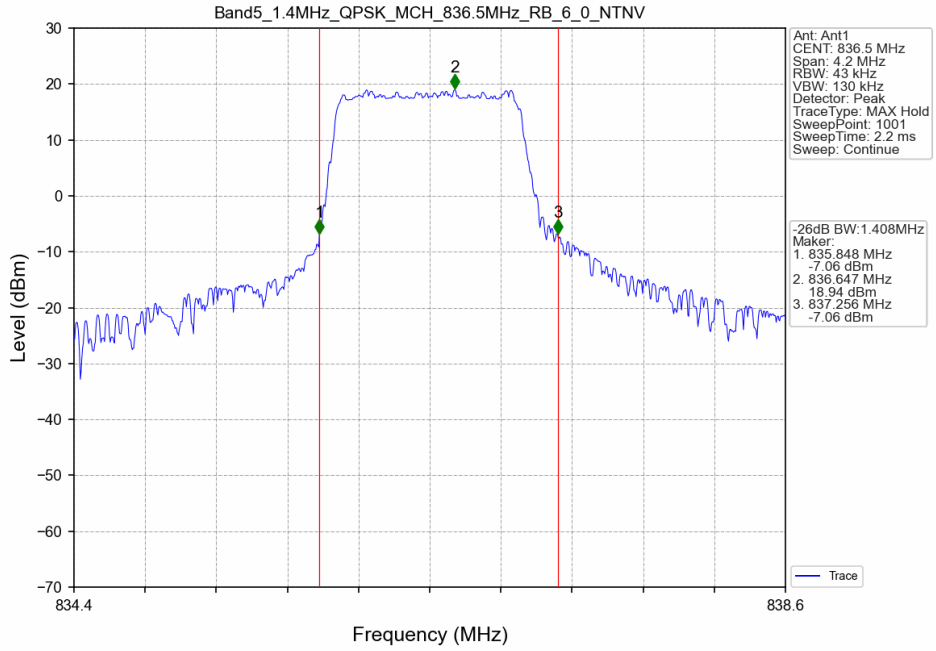
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.325	/	Pass
		836.5	6	0	1.408	/	Pass
		848.3	6	0	1.540	/	Pass
	16QAM	824.7	6	0	1.504	/	Pass
		836.5	6	0	1.447	/	Pass
		848.3	6	0	1.313	/	Pass
3	QPSK	825.5	15	0	3.386	/	Pass
		836.5	15	0	3.358	/	Pass
		847.5	15	0	3.408	/	Pass
	16QAM	825.5	15	0	3.281	/	Pass
		836.5	15	0	3.411	/	Pass
		847.5	15	0	3.634	/	Pass
5	QPSK	826.5	25	0	5.636	/	Pass
		836.5	25	0	5.464	/	Pass
		846.5	25	0	5.736	/	Pass
	16QAM	826.5	25	0	5.566	/	Pass
		836.5	25	0	5.652	/	Pass
		846.5	25	0	5.342	/	Pass
10	QPSK	829	50	0	10.352	/	Pass
		836.5	50	0	10.347	/	Pass
		844	50	0	10.330	/	Pass
	16QAM	829	50	0	10.249	/	Pass
		836.5	50	0	10.159	/	Pass
		844	50	0	10.567	/	Pass

13.2.2 Test Graph

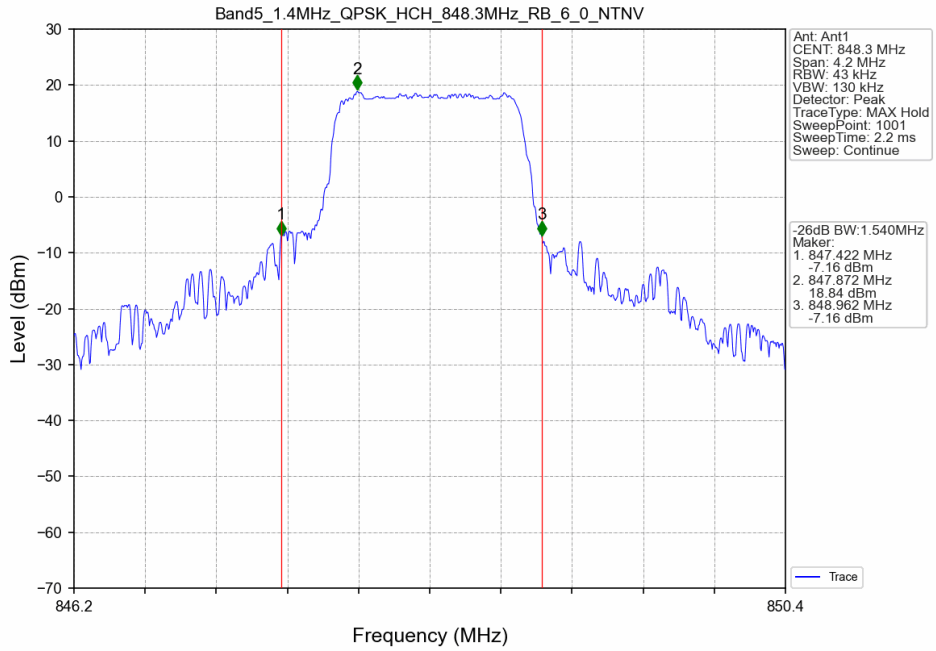
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



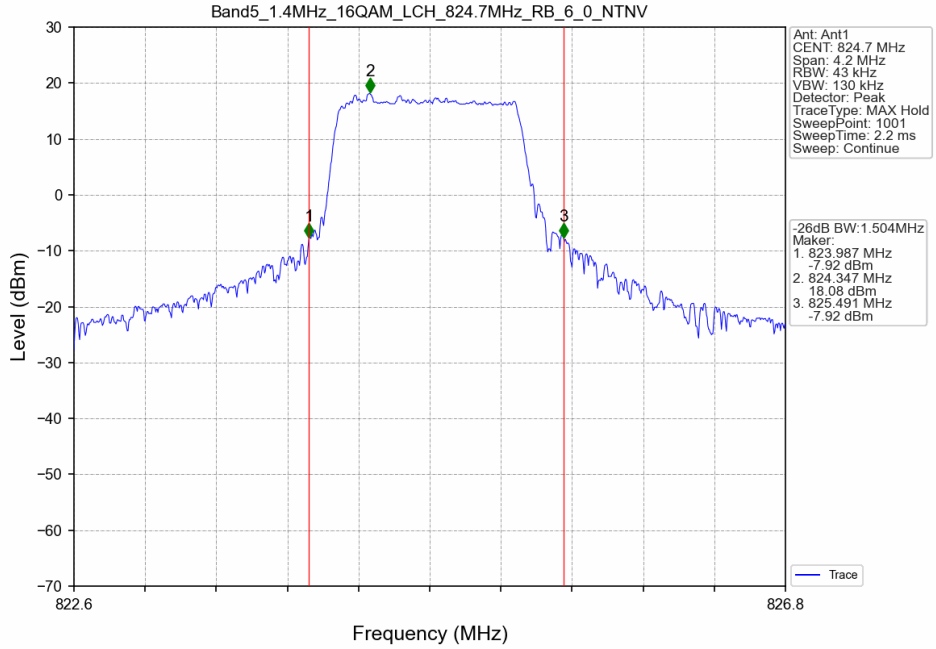
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



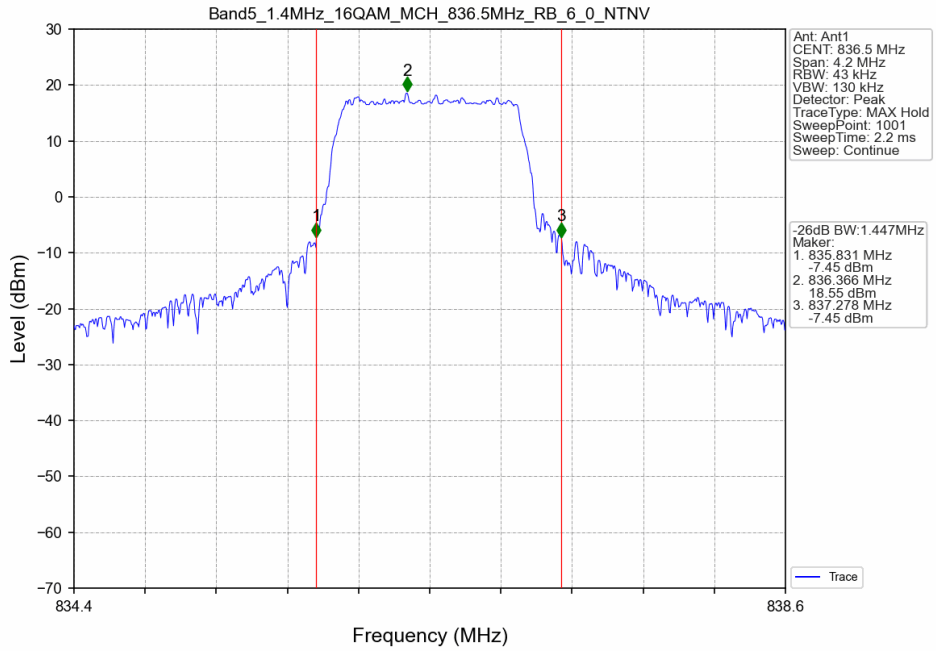
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



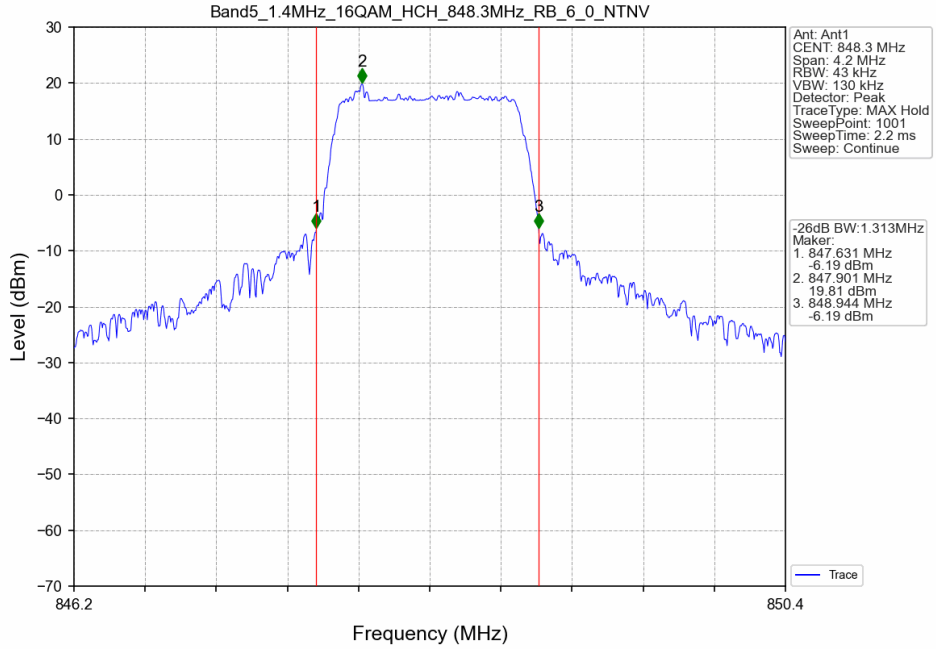
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



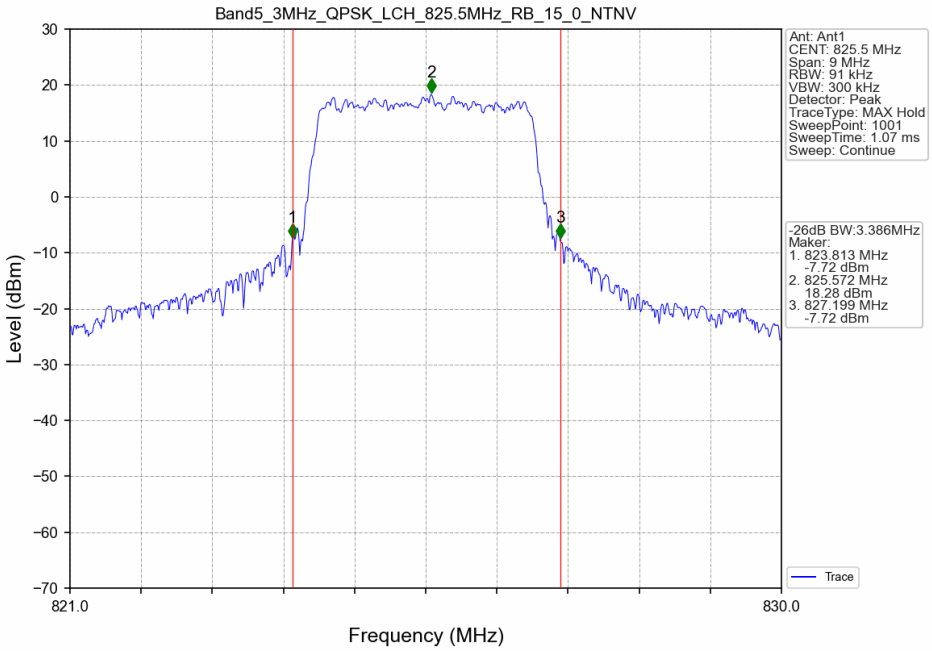
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



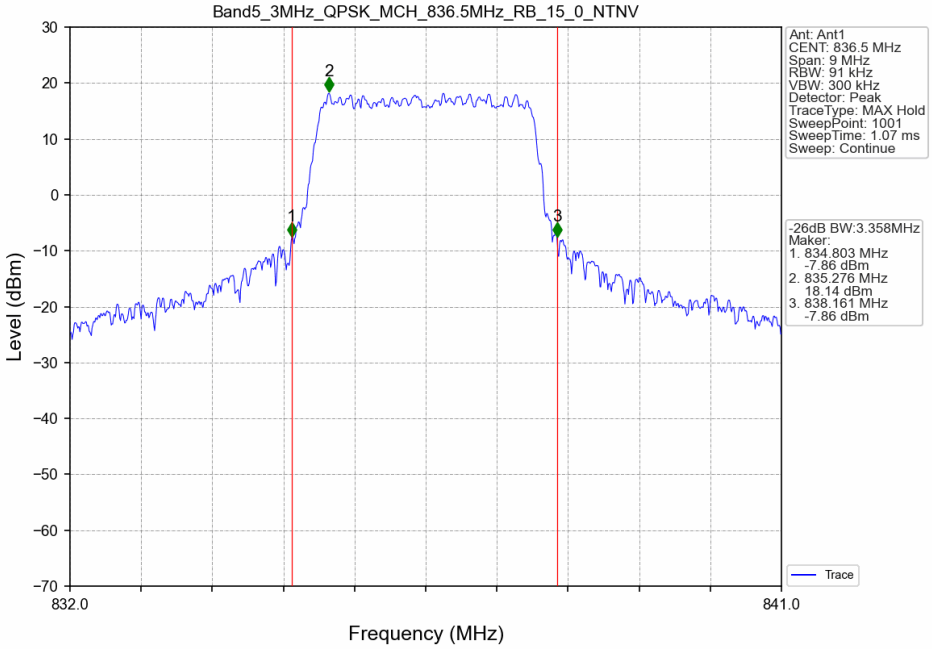
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



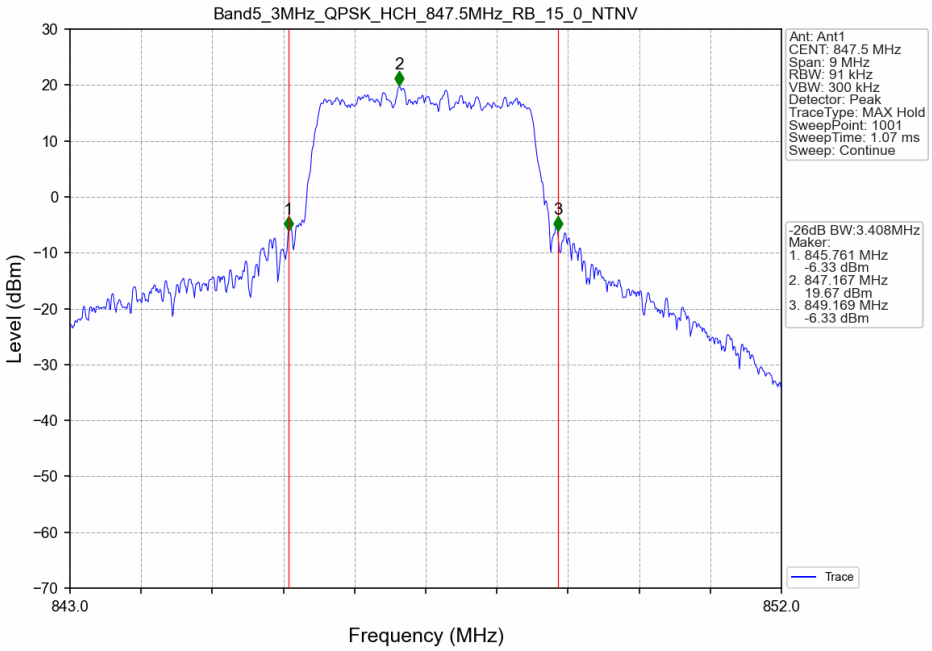
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



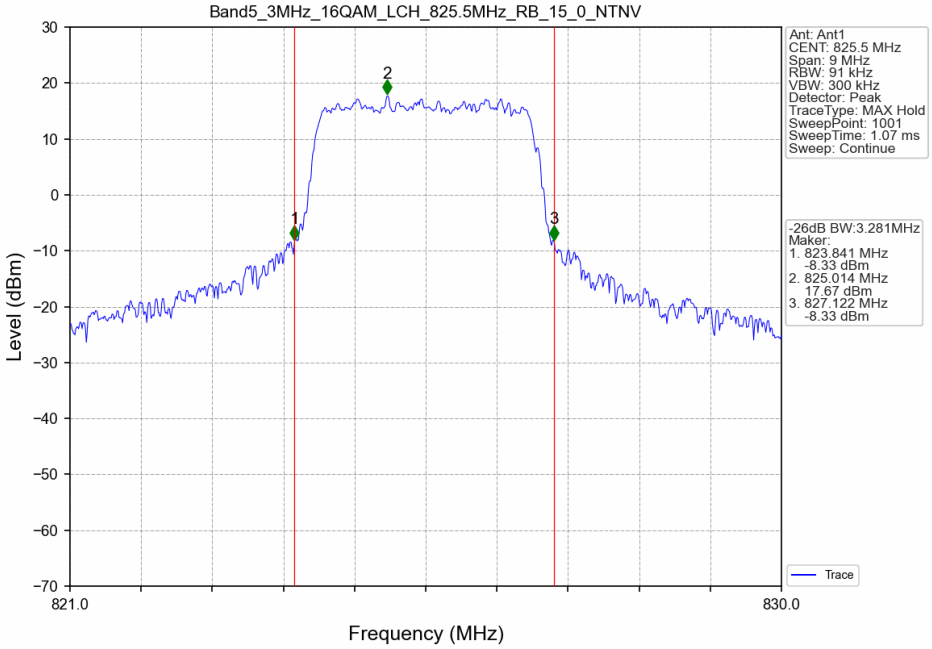
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



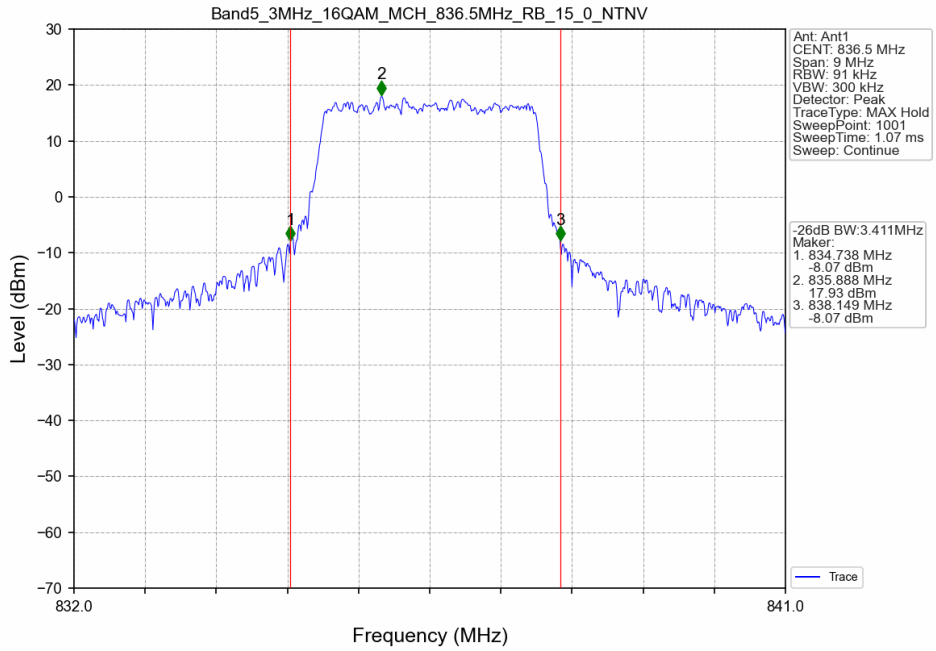
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



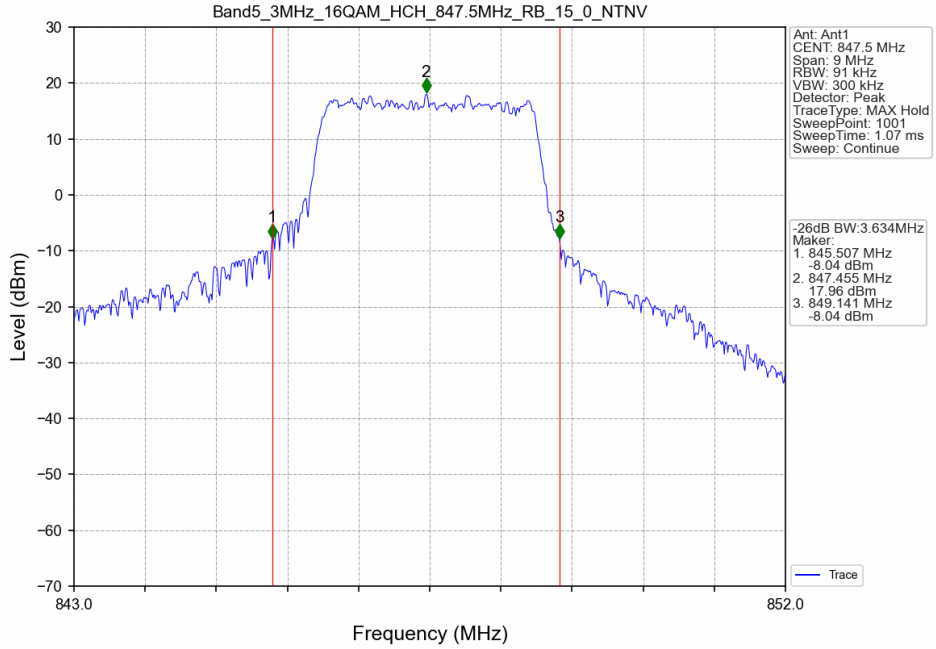
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



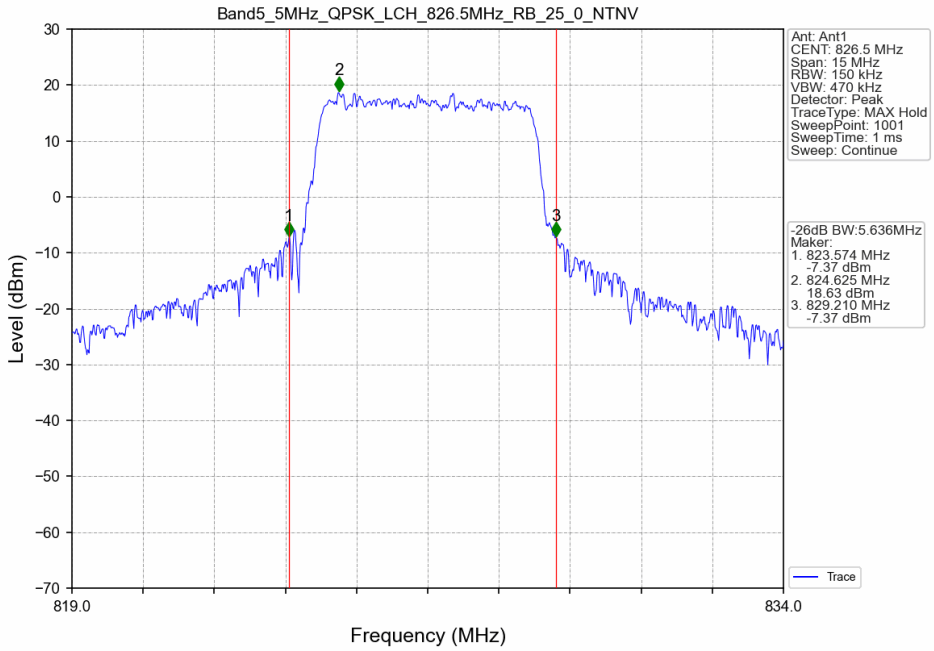
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



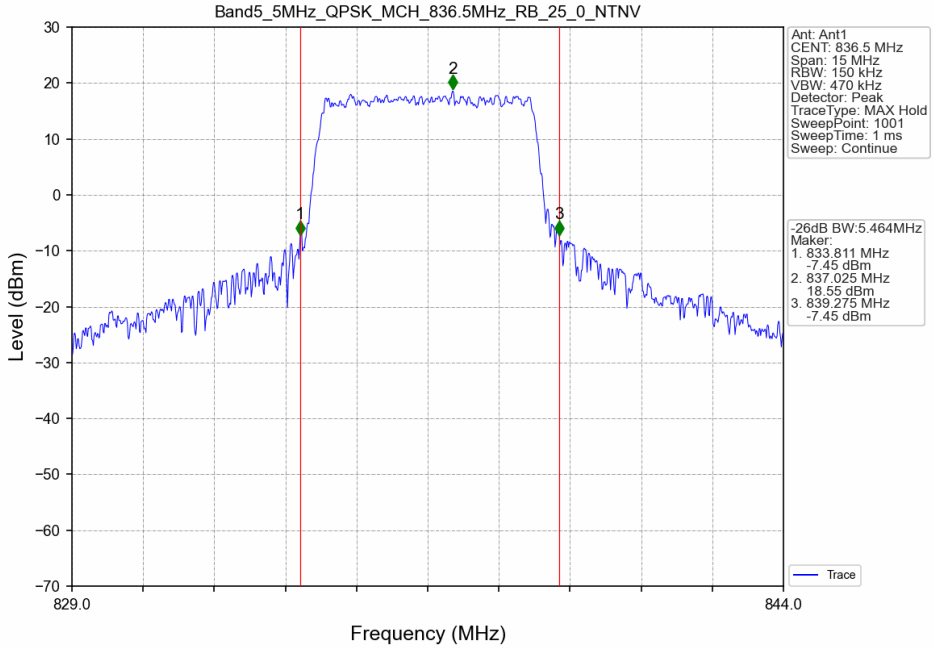
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



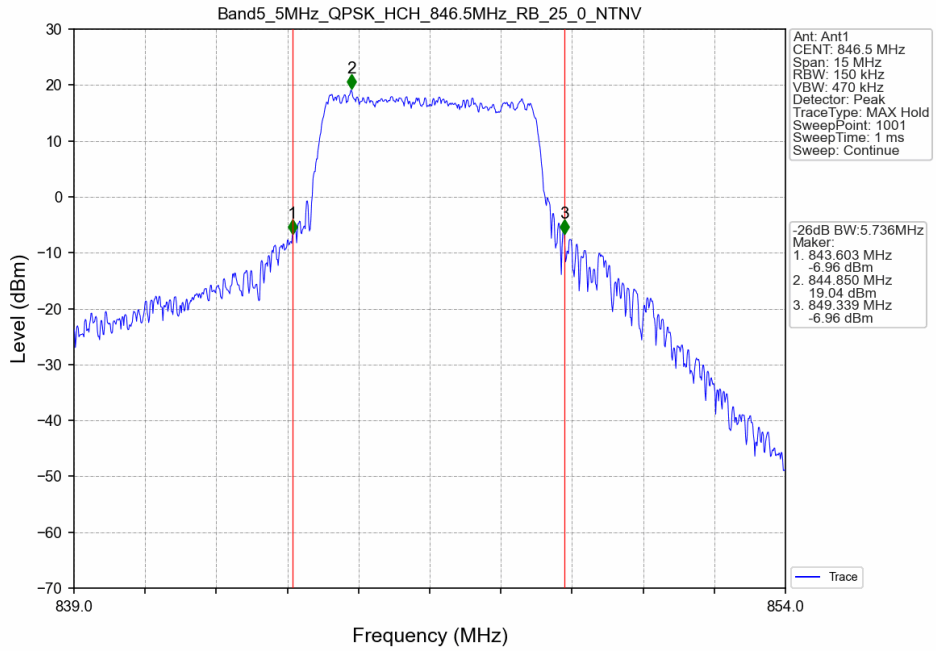
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



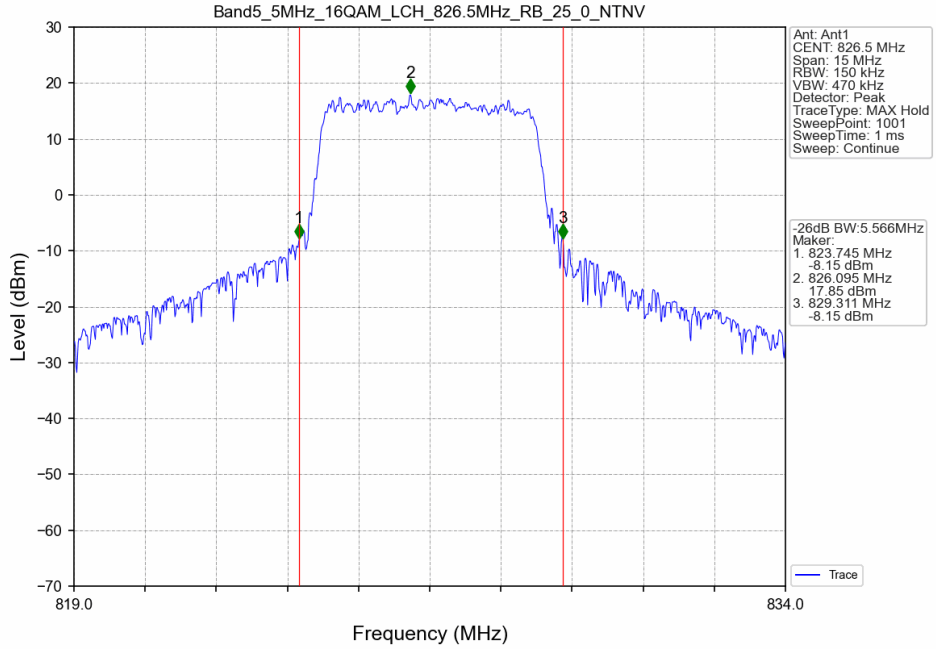
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



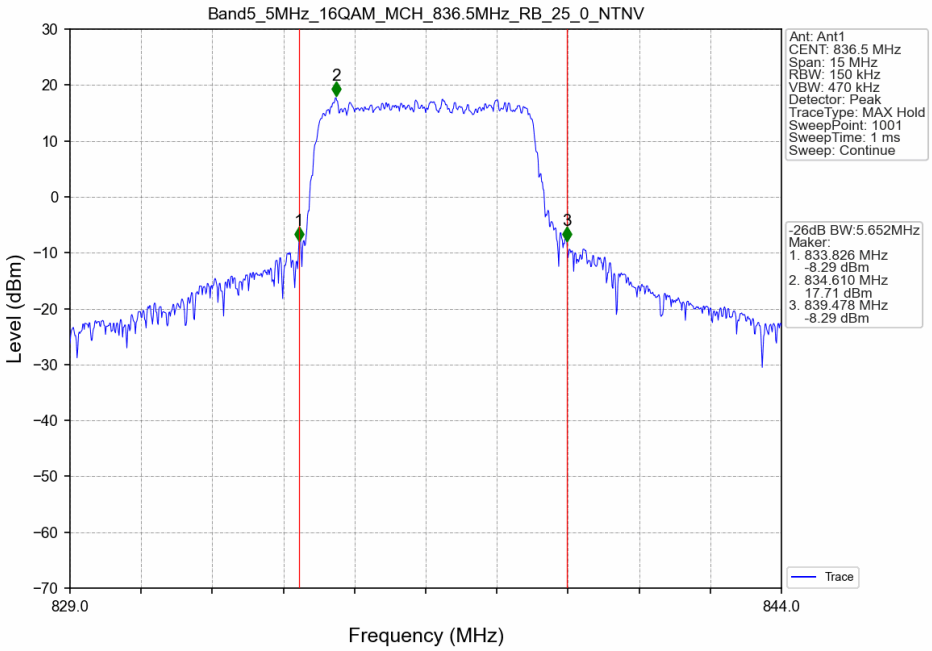
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



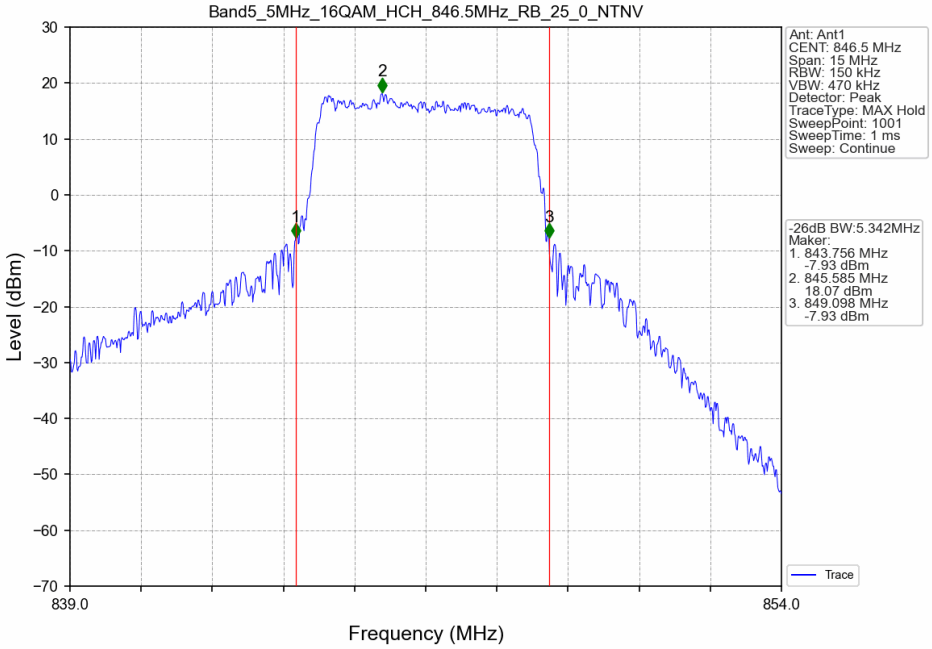
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



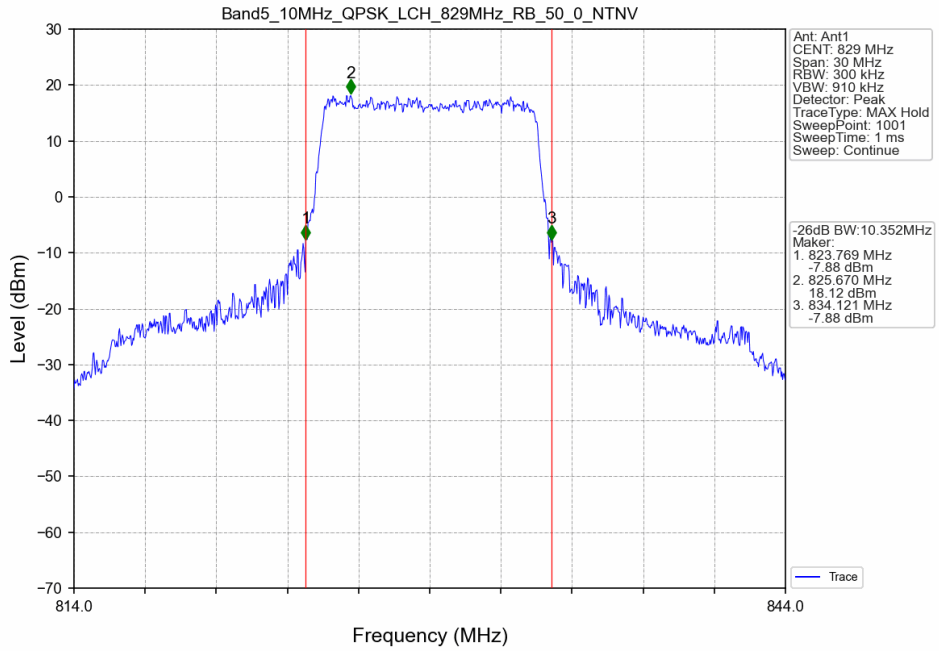
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



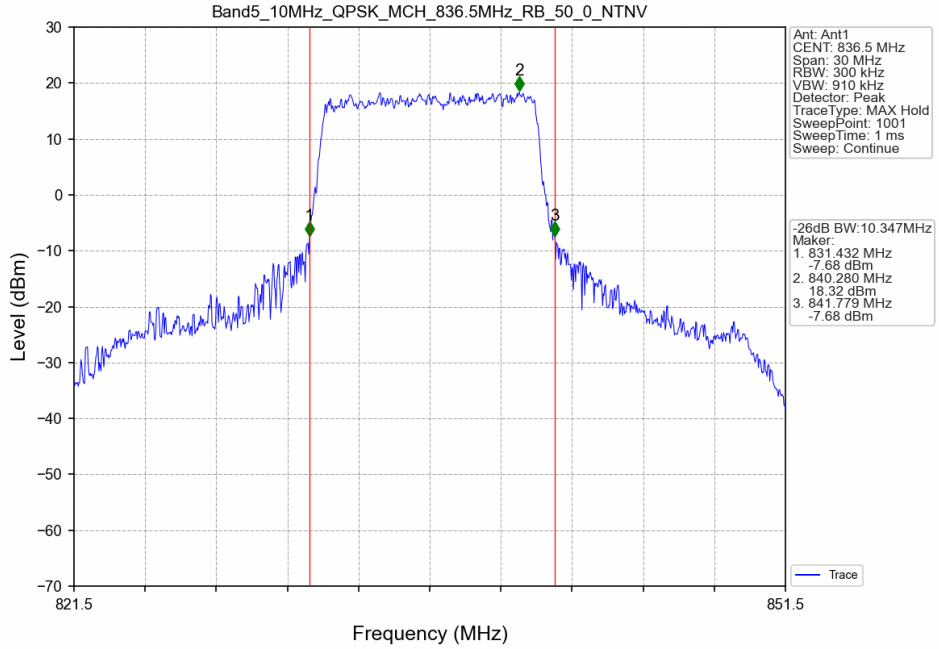
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



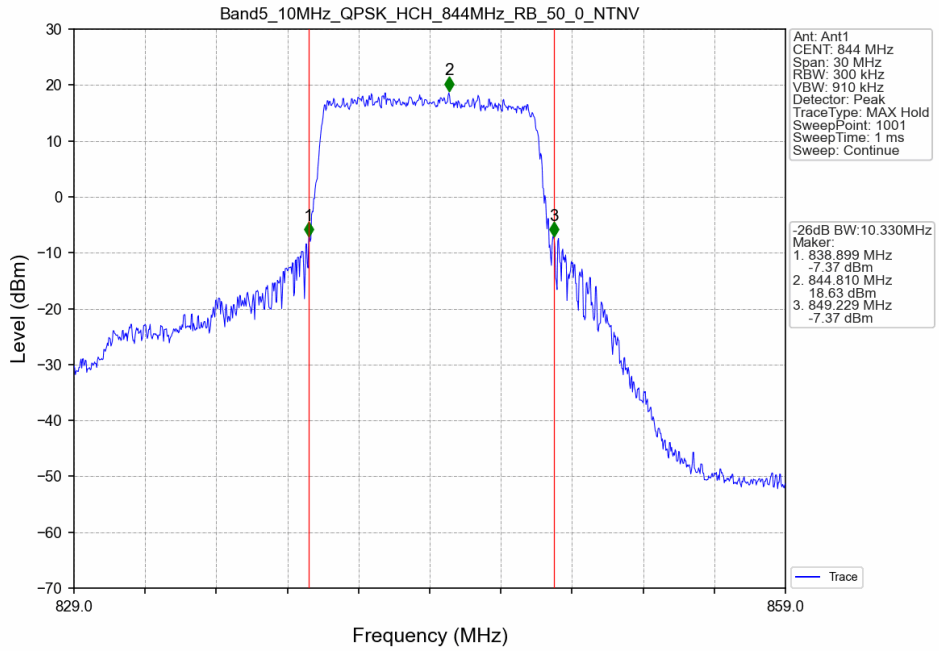
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



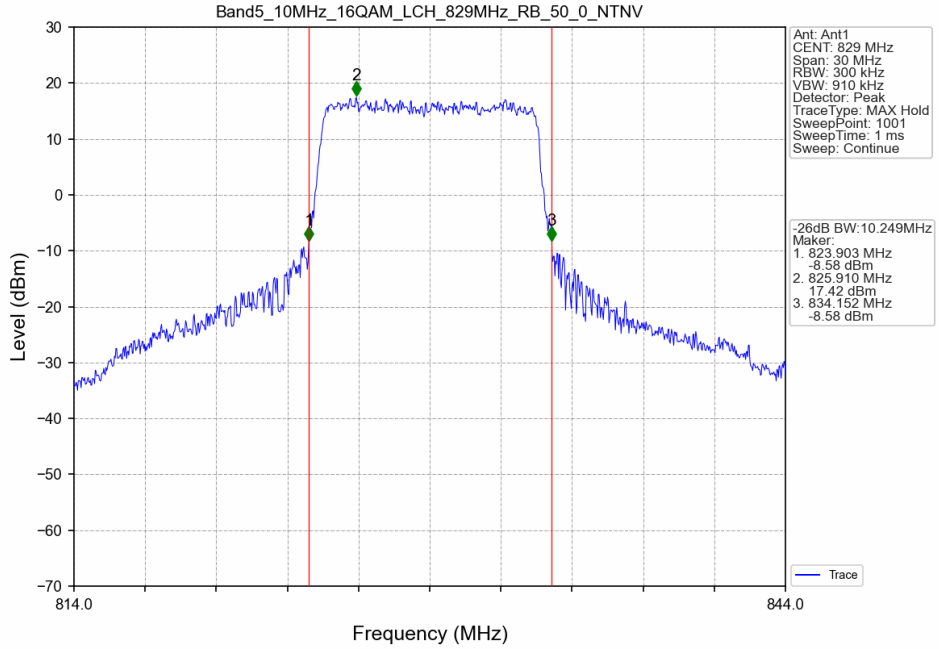
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



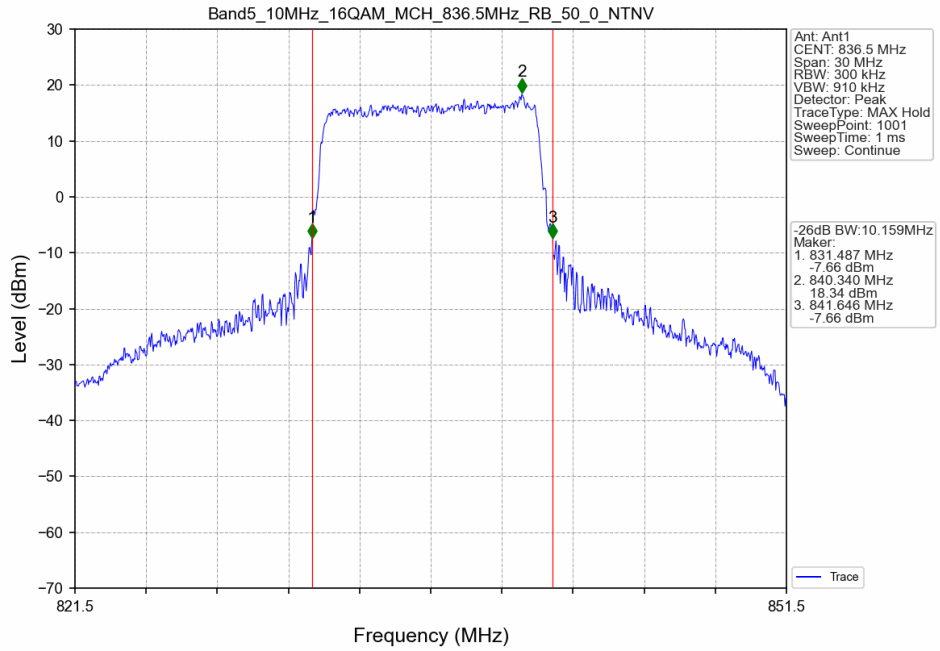
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



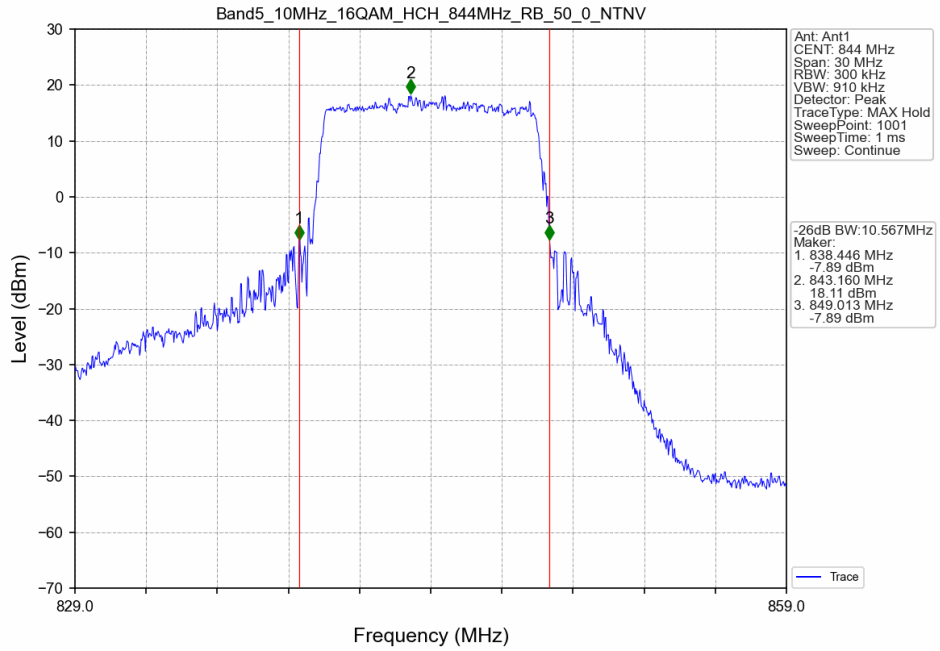
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



14. 99% & 26dB Bandwidth

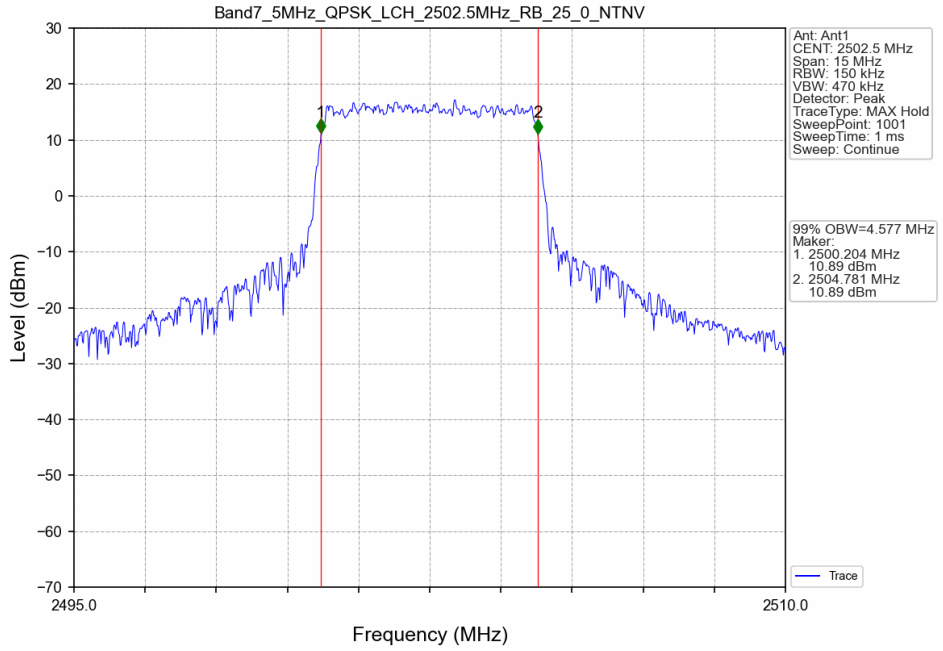
14.1 Band7_OBW

14.1.1 Test Result

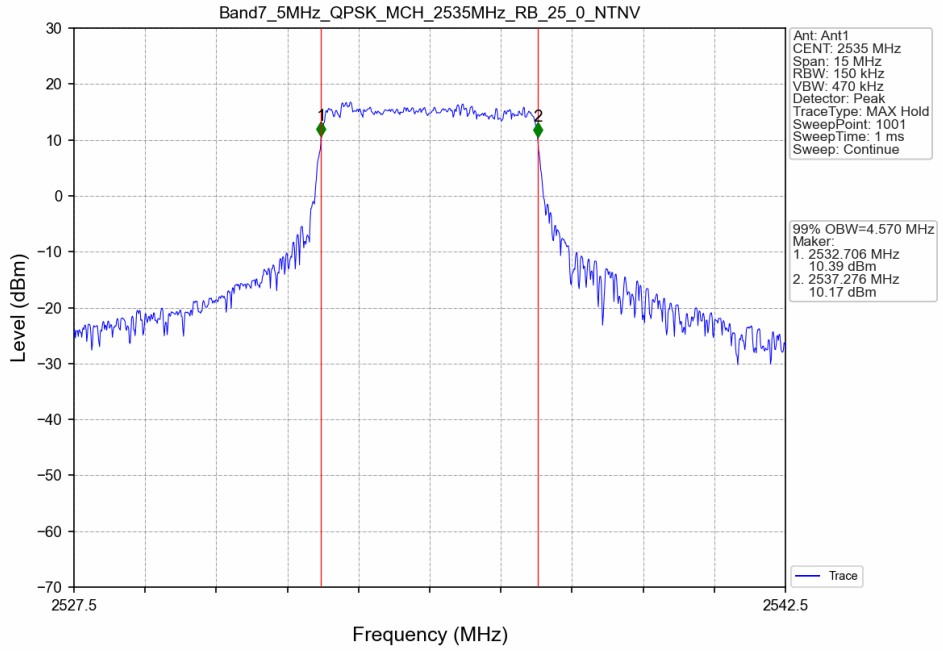
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.577	/	Pass
		2535	25	0	4.570	/	Pass
		2567.5	25	0	4.582	/	Pass
	16QAM	2502.5	25	0	4.623	/	Pass
		2535	25	0	4.611	/	Pass
		2567.5	25	0	4.580	/	Pass
10	QPSK	2505	50	0	9.089	/	Pass
		2535	50	0	9.059	/	Pass
		2565	50	0	9.048	/	Pass
	16QAM	2505	50	0	9.096	/	Pass
		2535	50	0	9.094	/	Pass
		2565	50	0	9.087	/	Pass
15	QPSK	2507.5	75	0	13.615	/	Pass
		2535	75	0	13.649	/	Pass
		2562.5	75	0	13.619	/	Pass
	16QAM	2507.5	75	0	13.659	/	Pass
		2535	75	0	13.584	/	Pass
		2562.5	75	0	13.595	/	Pass
20	QPSK	2510	100	0	18.172	/	Pass
		2535	100	0	18.145	/	Pass
		2560	100	0	18.153	/	Pass
	16QAM	2510	100	0	18.273	/	Pass
		2535	100	0	18.128	/	Pass
		2560	100	0	18.189	/	Pass

14.1.2 Test Graph

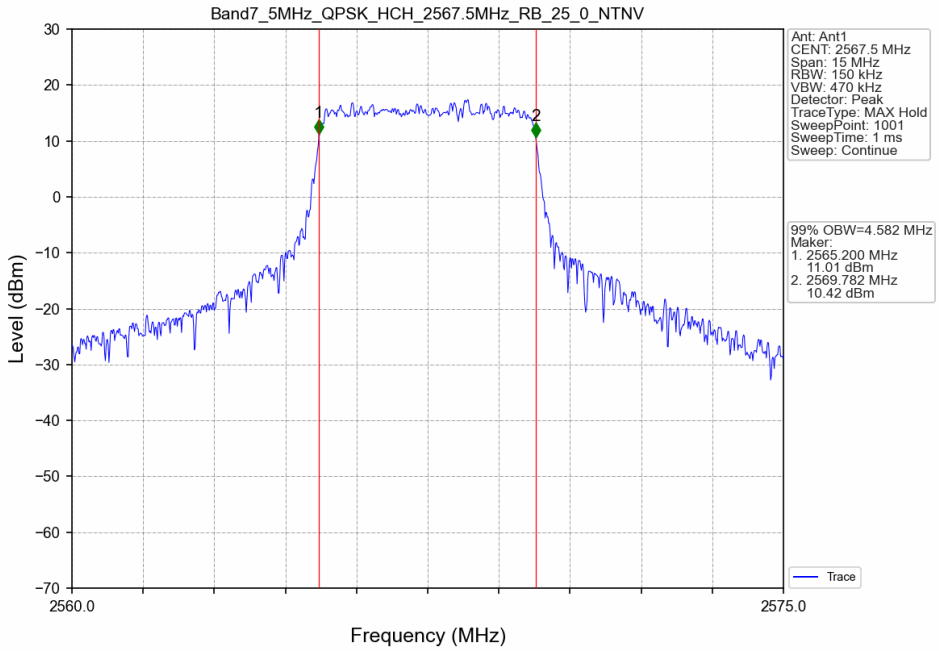
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



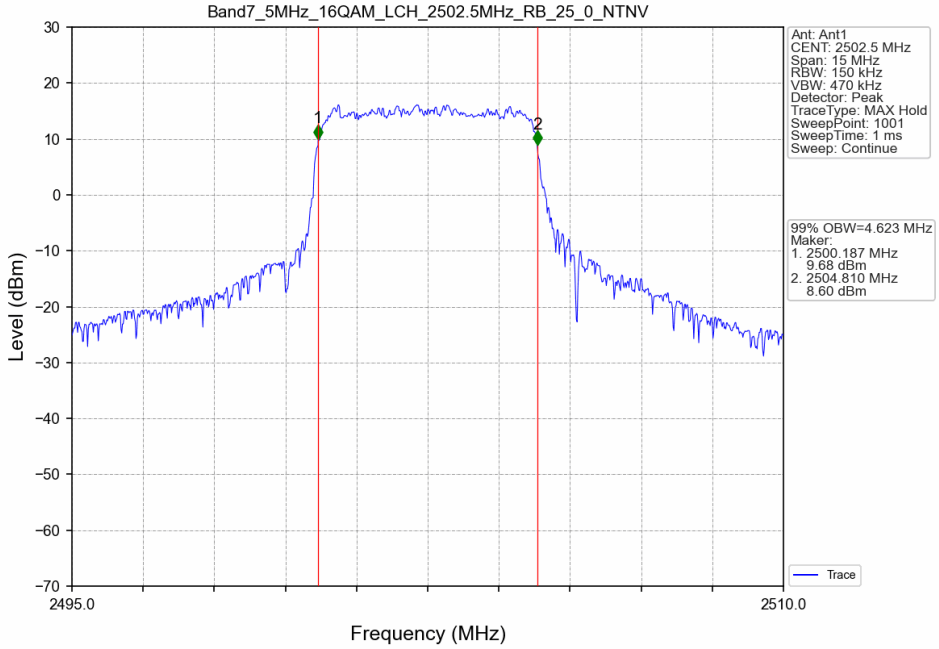
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



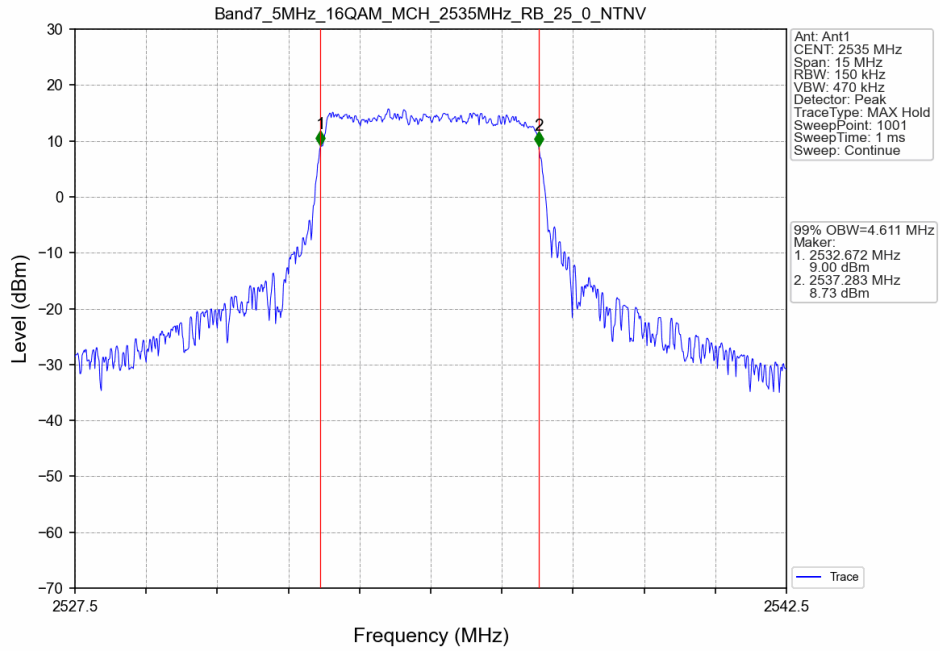
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



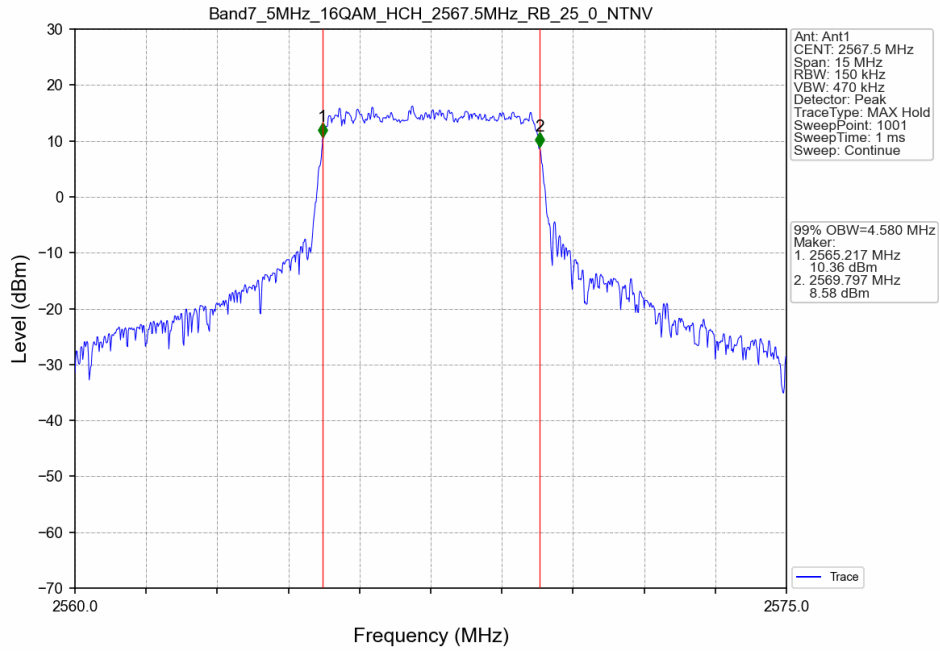
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



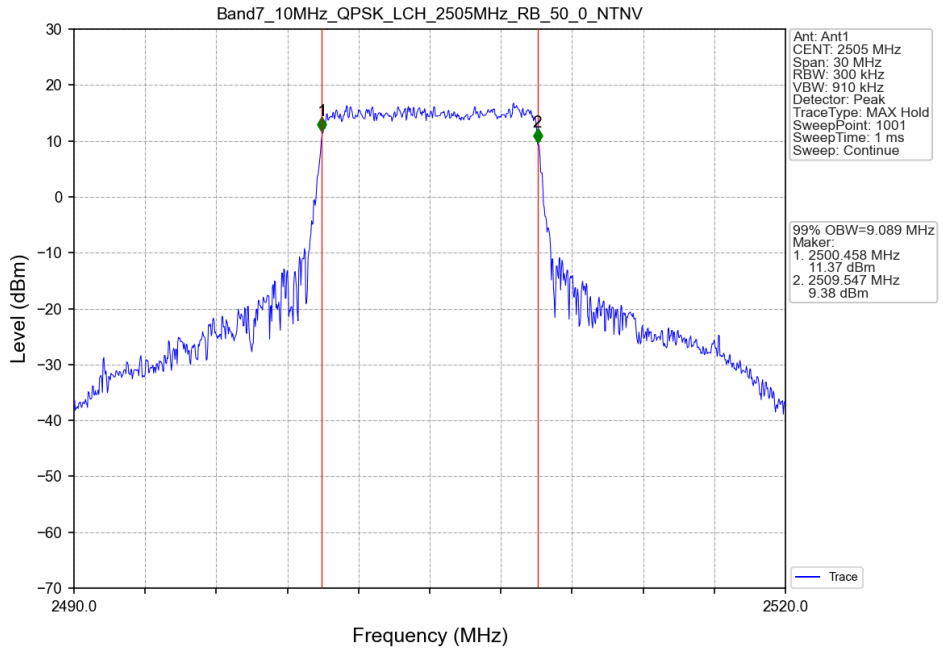
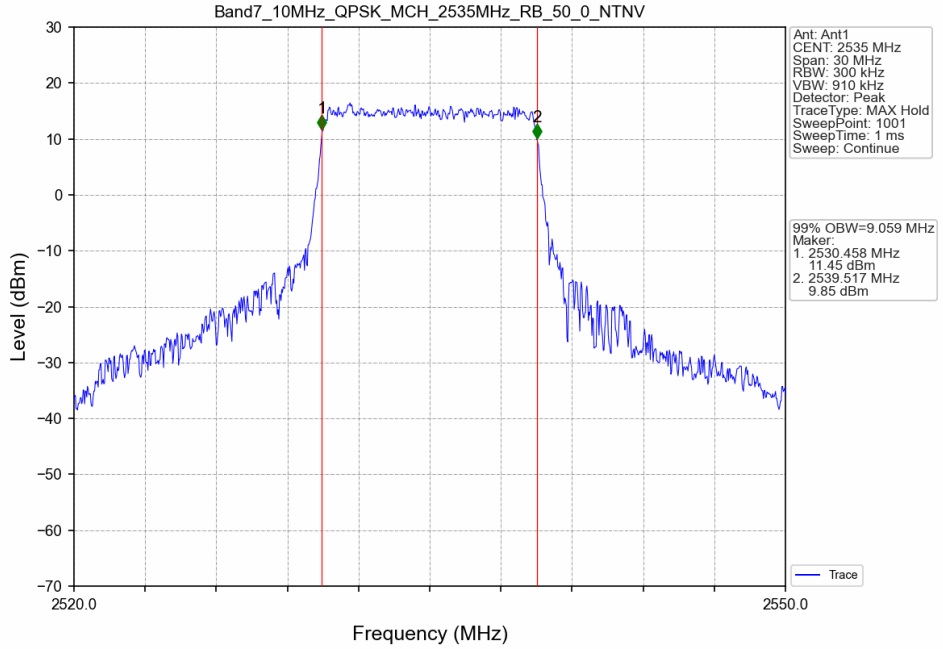
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



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