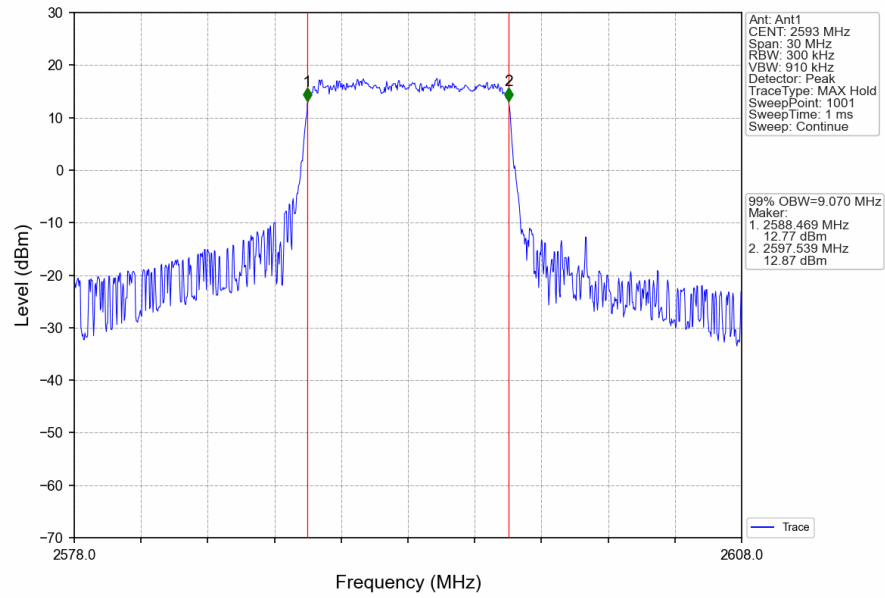
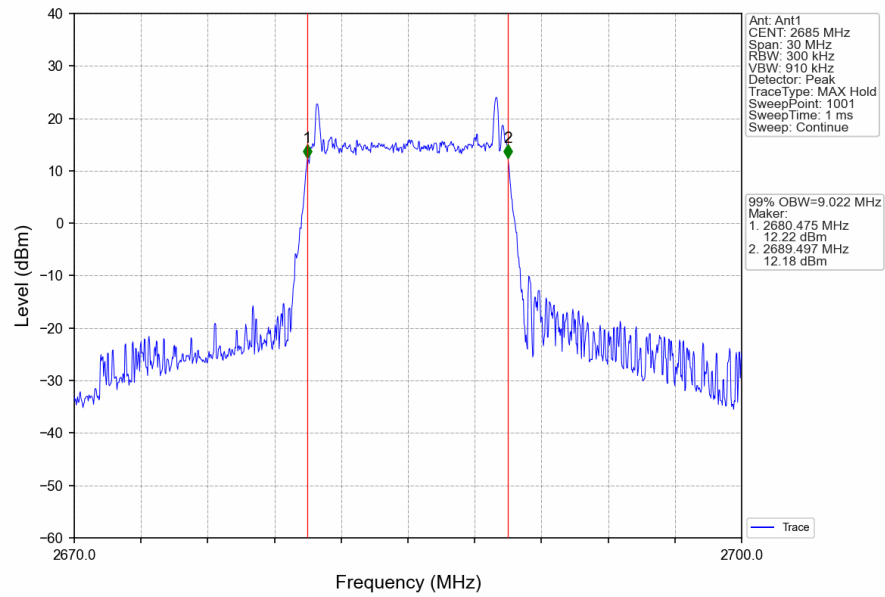


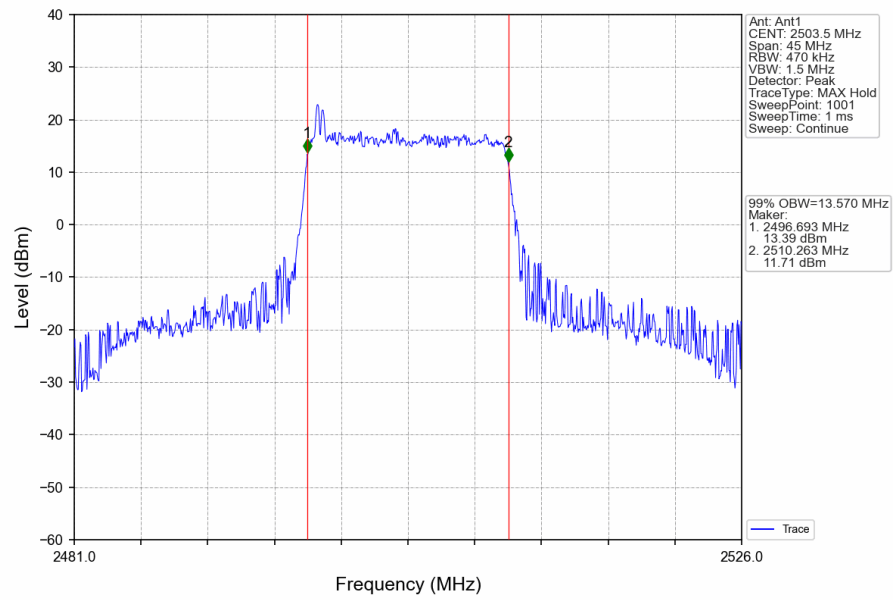
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



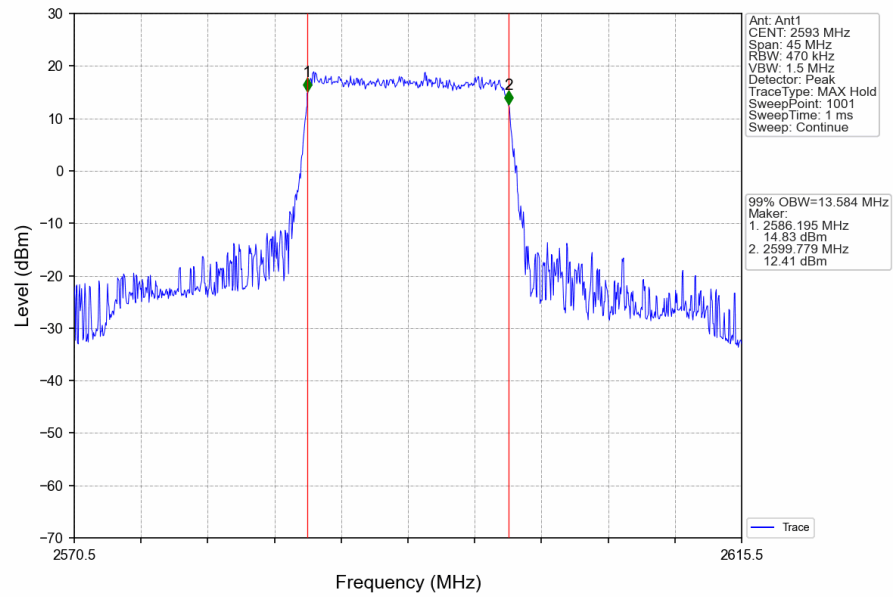
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



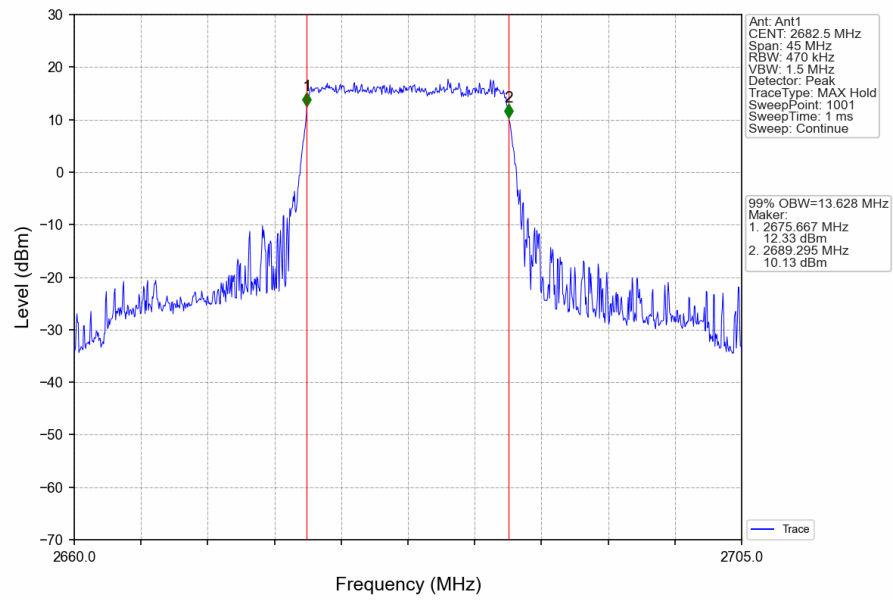
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



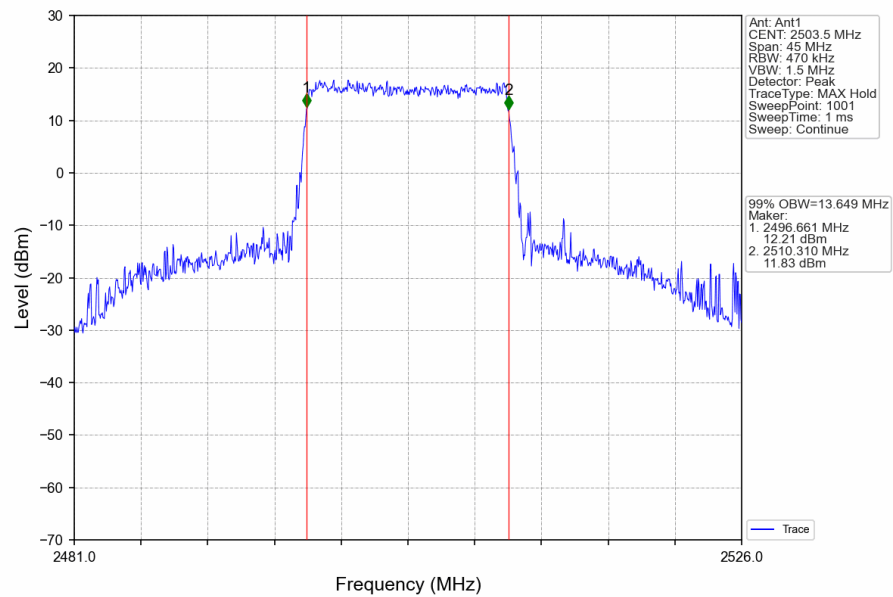
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



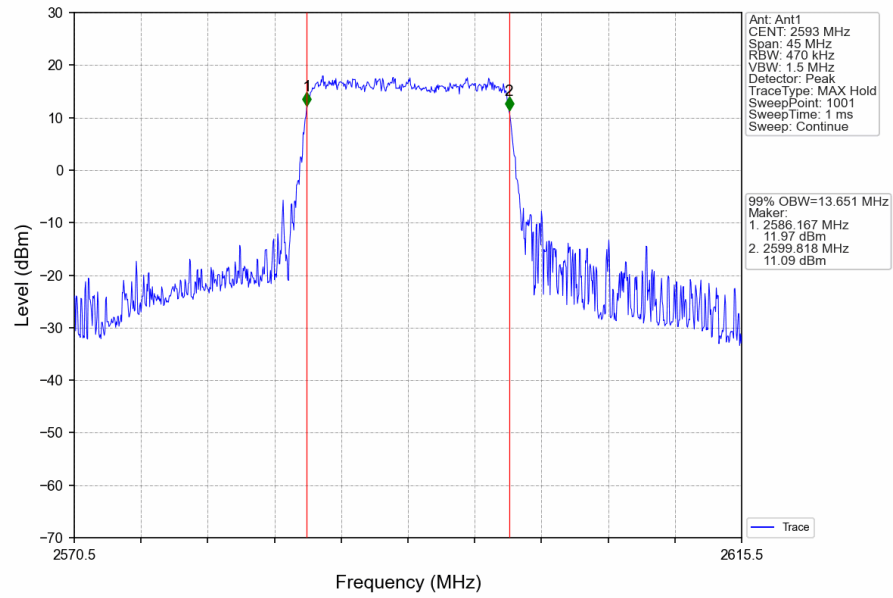
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



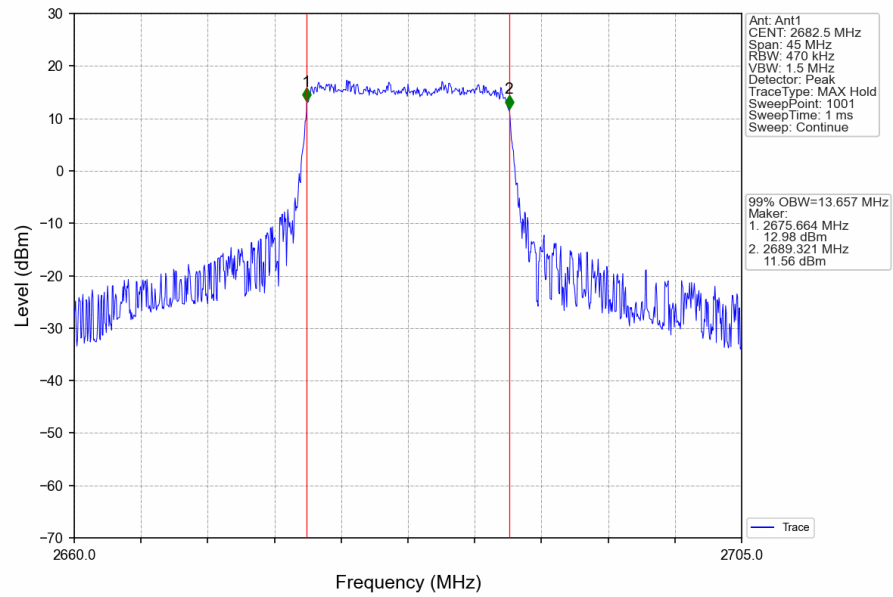
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



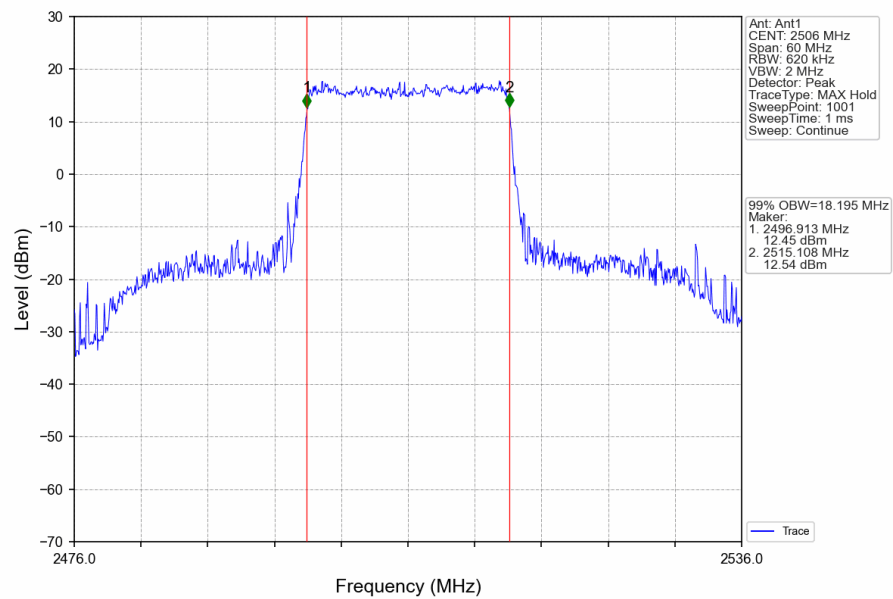
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



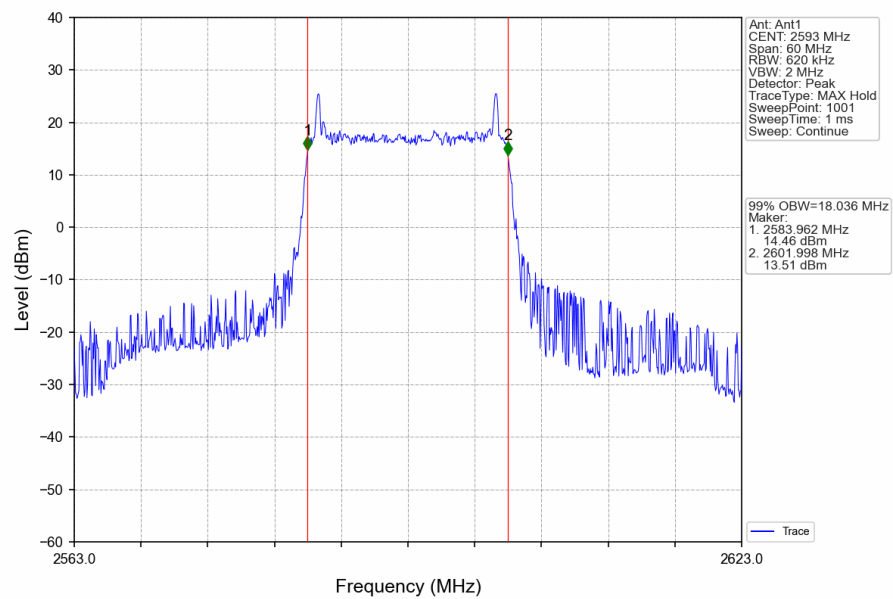
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



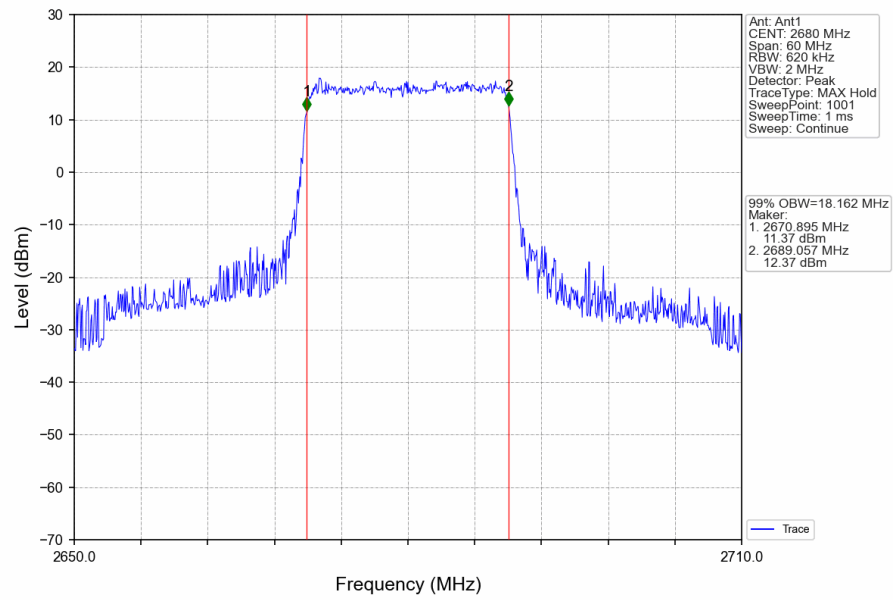
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



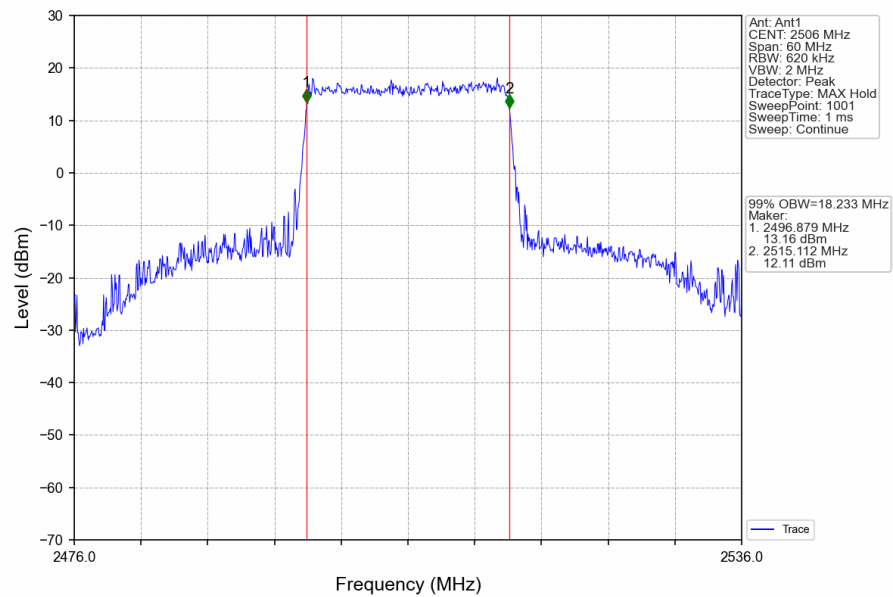
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



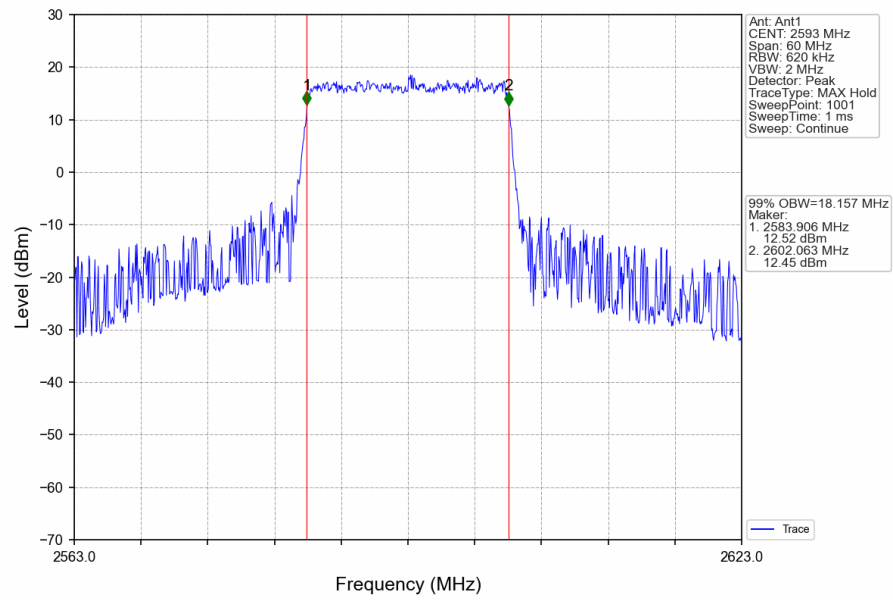
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



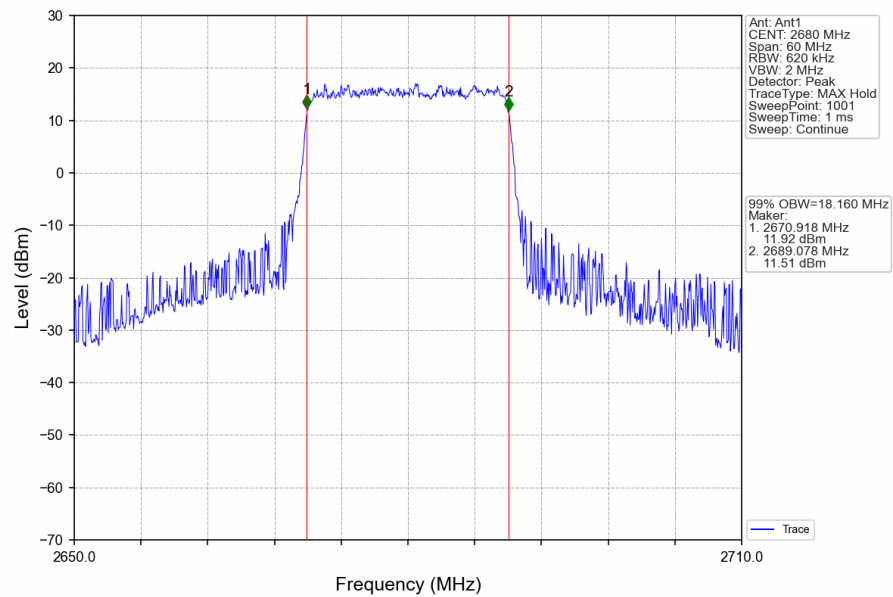
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

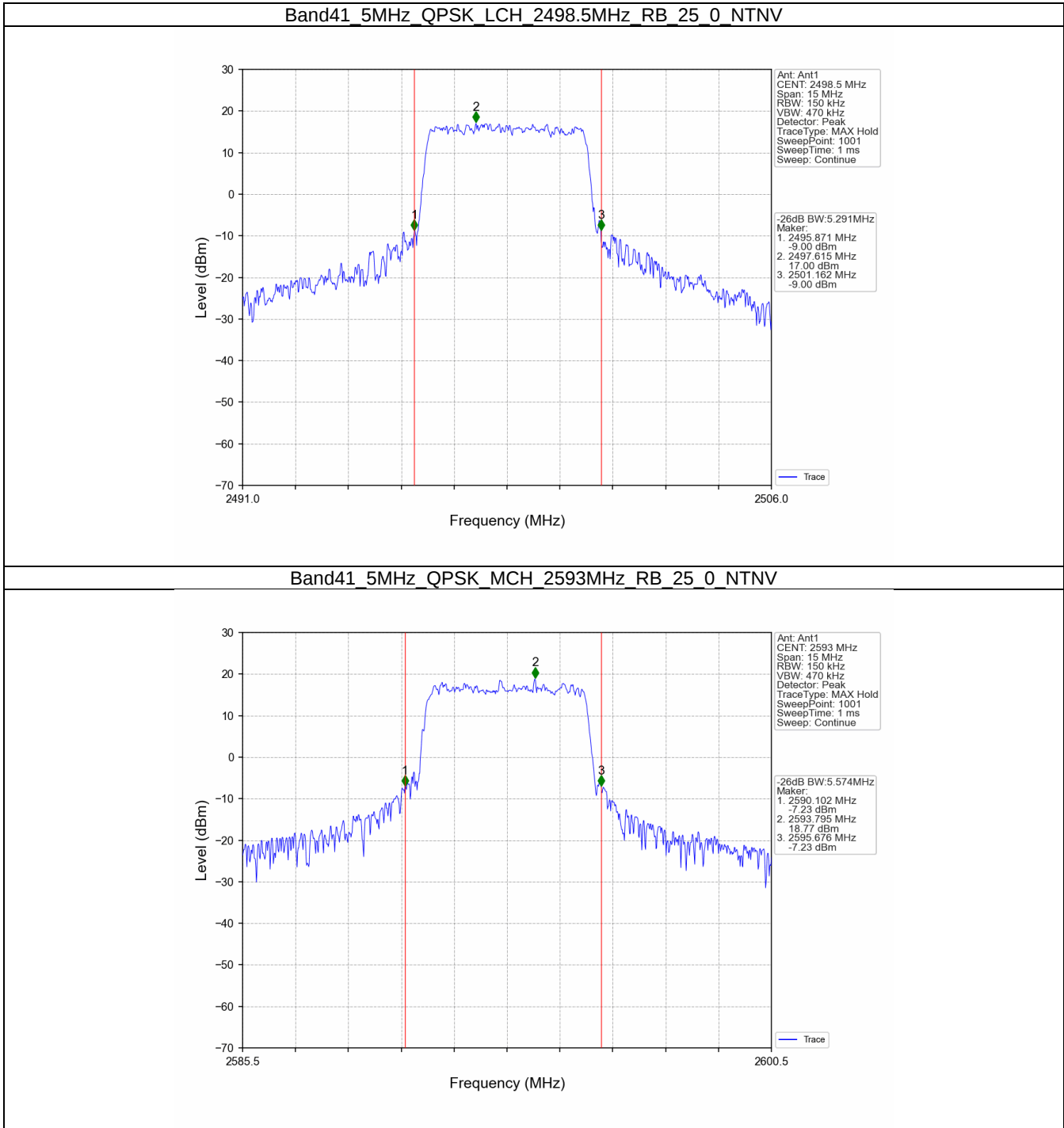


6.2 Band41_XDB

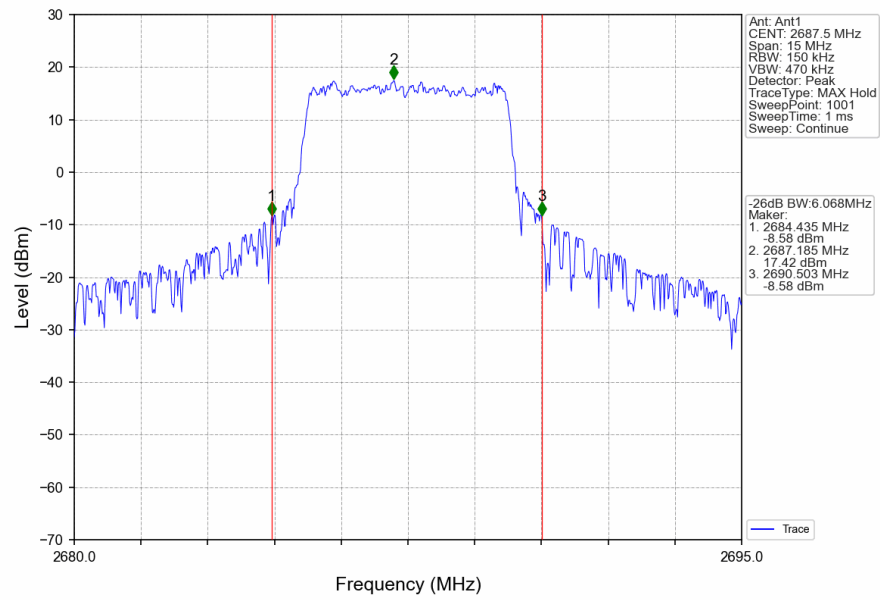
6.2.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.291	Pass
		2593	25	0	5.574	Pass
		2687.5	25	0	6.068	Pass
	16QAM	2498.5	25	0	5.677	Pass
		2593	25	0	5.524	Pass
		2687.5	25	0	5.548	Pass
10	QPSK	2501	50	0	9.804	Pass
		2593	50	0	10.342	Pass
		2685	50	0	10.247	Pass
	16QAM	2501	50	0	11.157	Pass
		2593	50	0	10.590	Pass
		2685	50	0	9.769	Pass
15	QPSK	2503.5	75	0	14.929	Pass
		2593	75	0	15.362	Pass
		2682.5	75	0	16.185	Pass
	16QAM	2503.5	75	0	15.811	Pass
		2593	75	0	17.466	Pass
		2682.5	75	0	16.439	Pass
20	QPSK	2506	100	0	21.340	Pass
		2593	100	0	19.436	Pass
		2680	100	0	20.236	Pass
	16QAM	2506	100	0	21.324	Pass
		2593	100	0	23.180	Pass
		2680	100	0	21.214	Pass

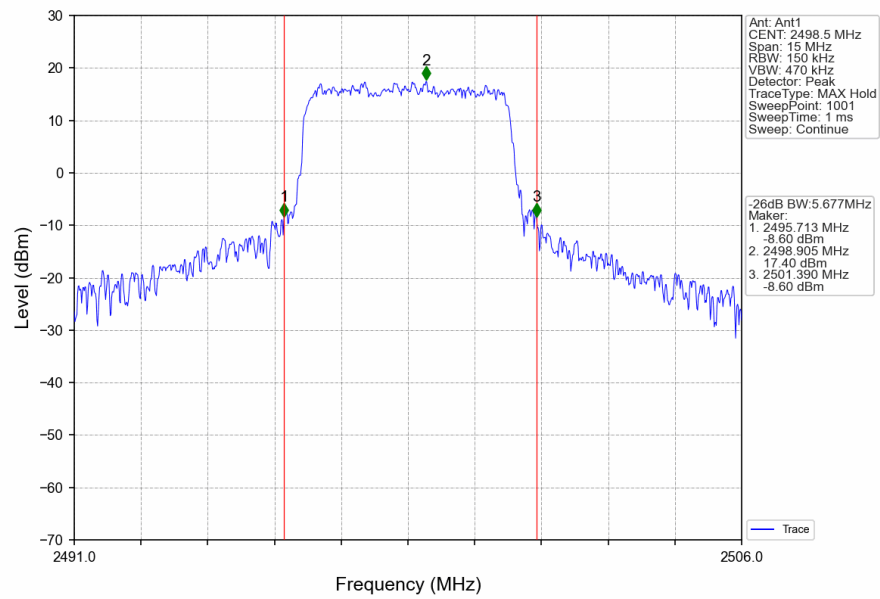
6.2.2 Test Graph



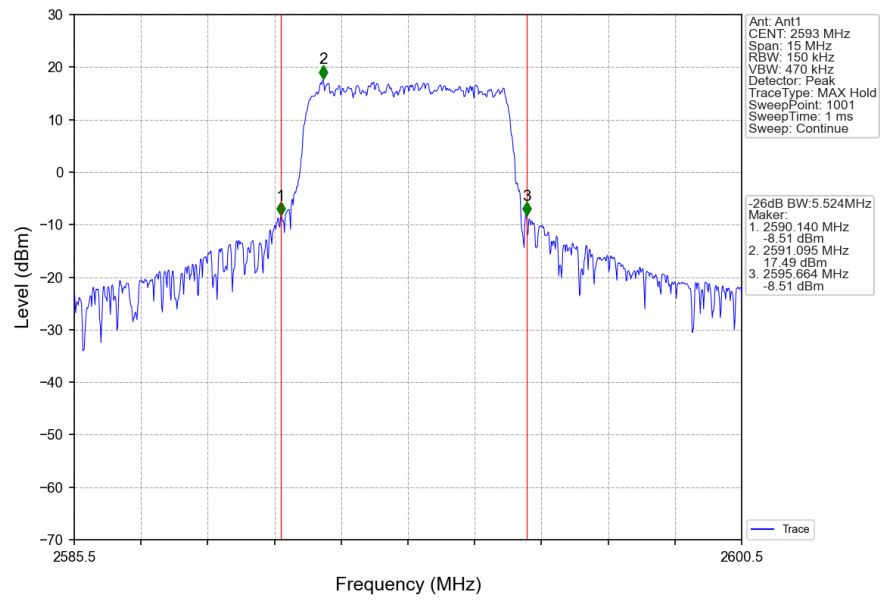
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



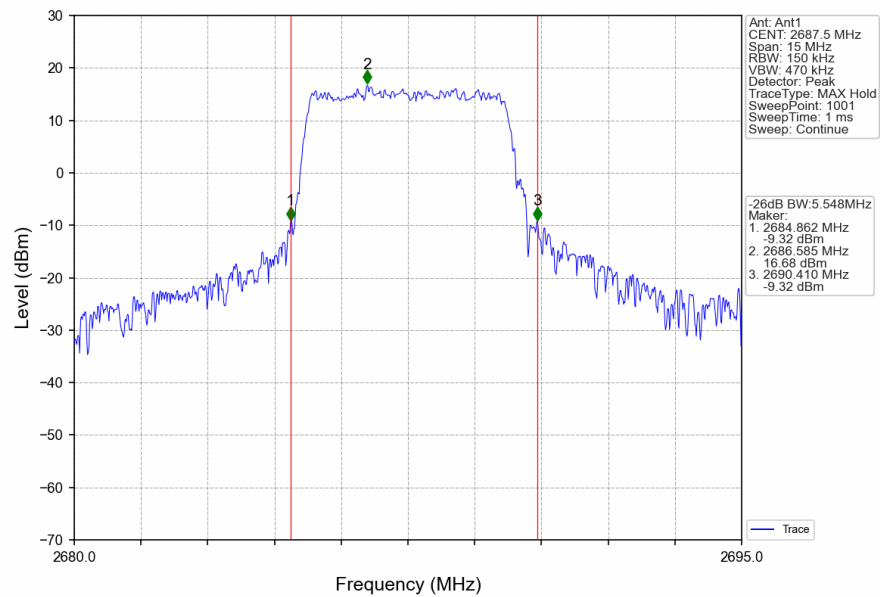
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



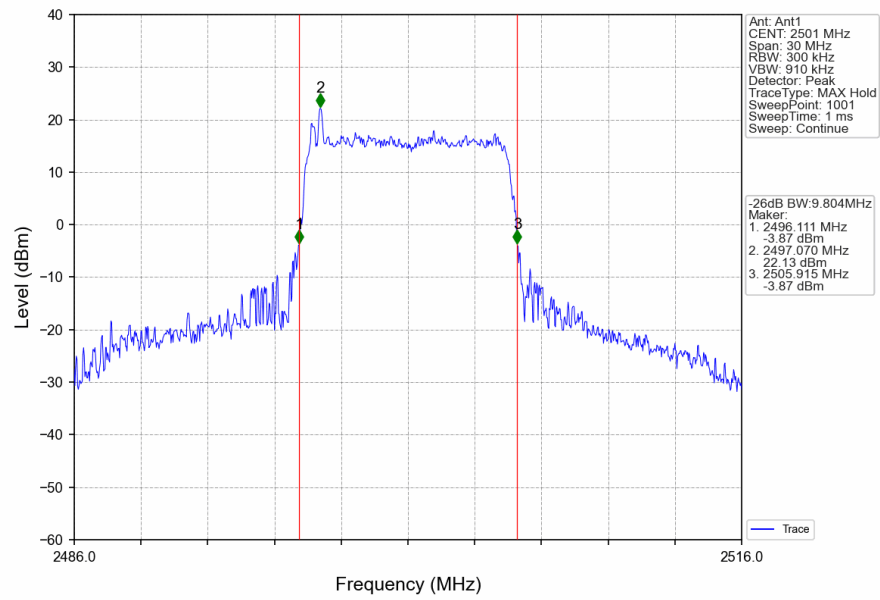
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



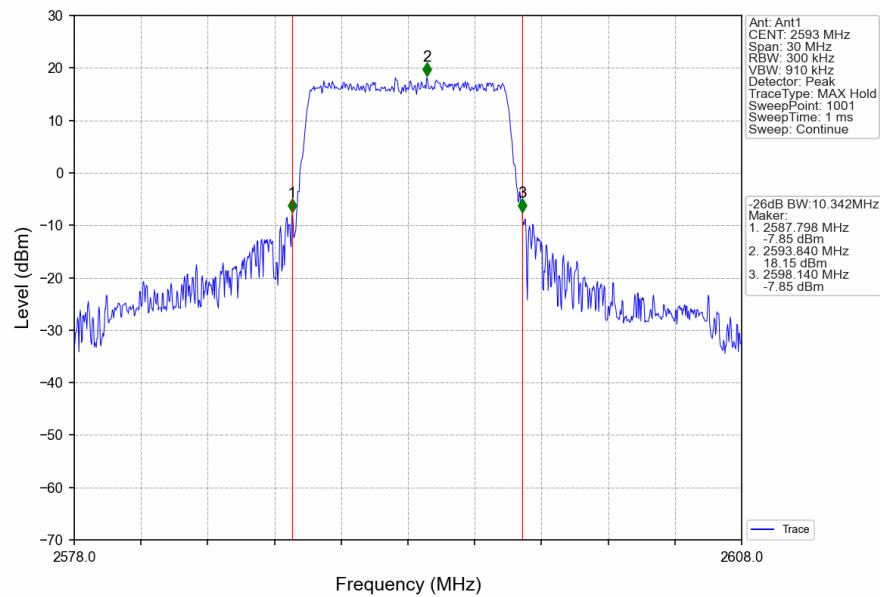
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



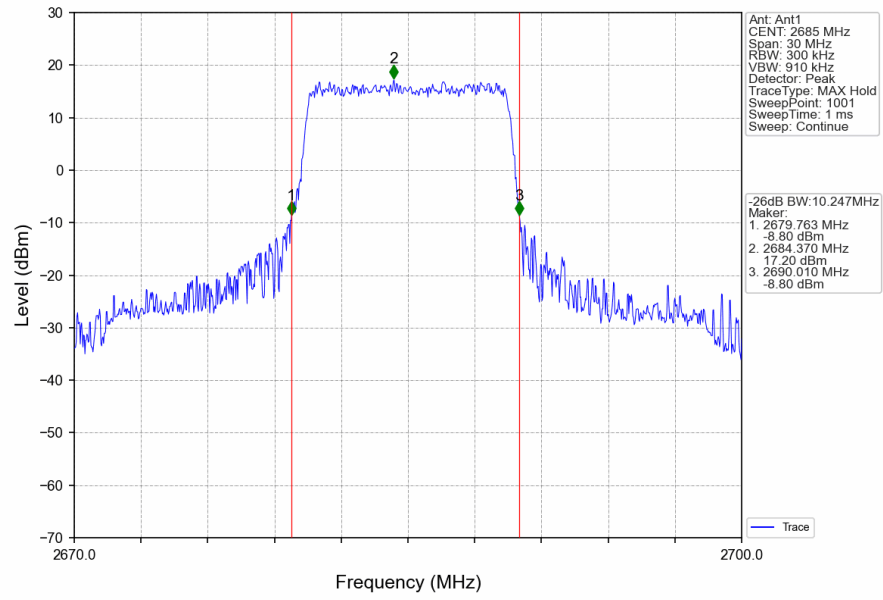
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



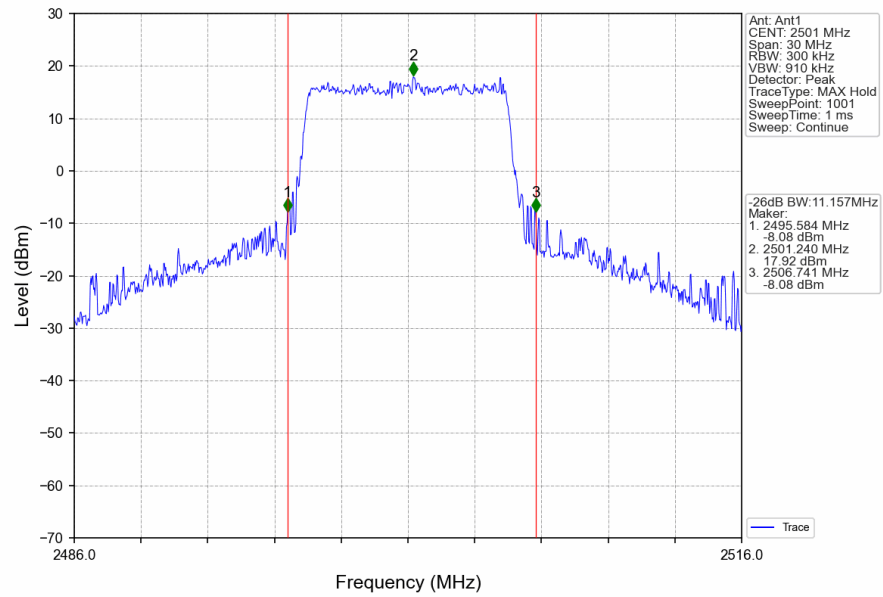
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



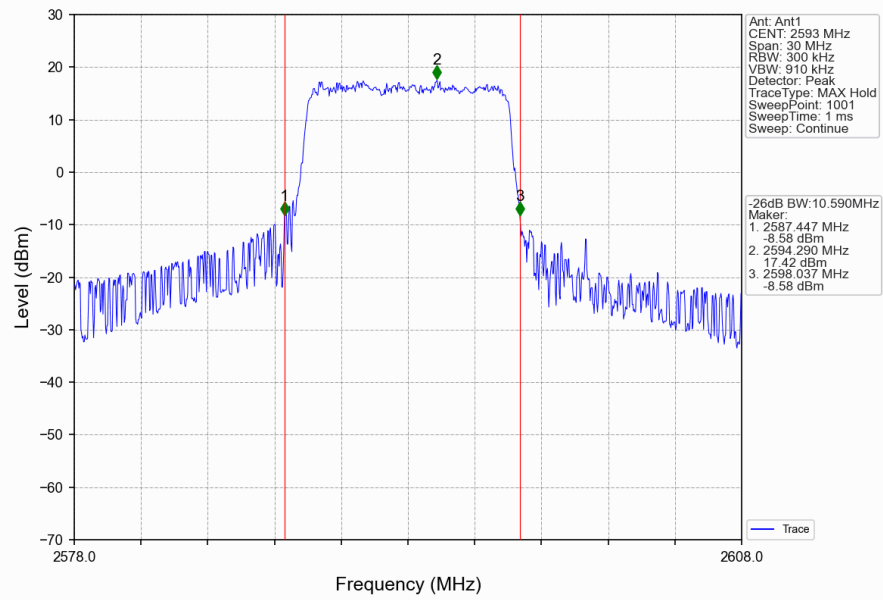
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



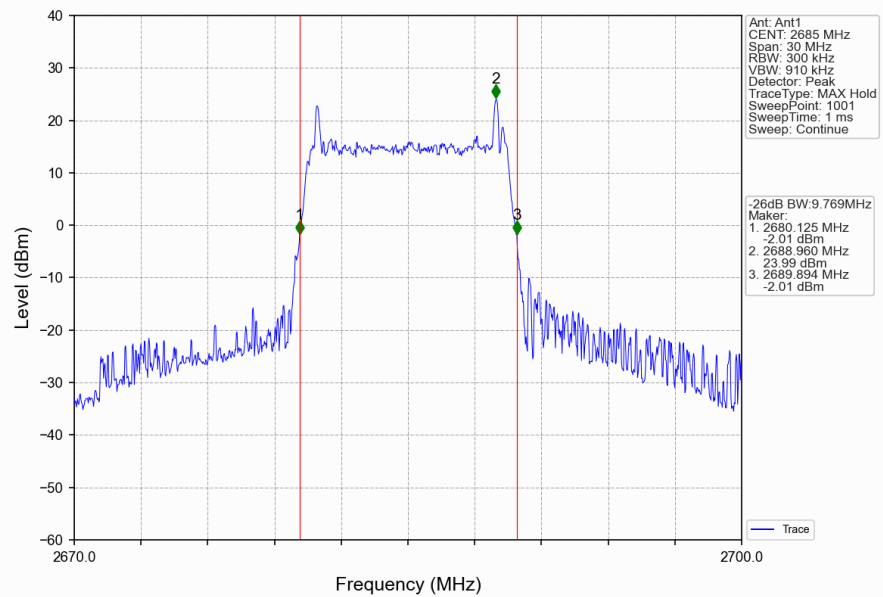
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



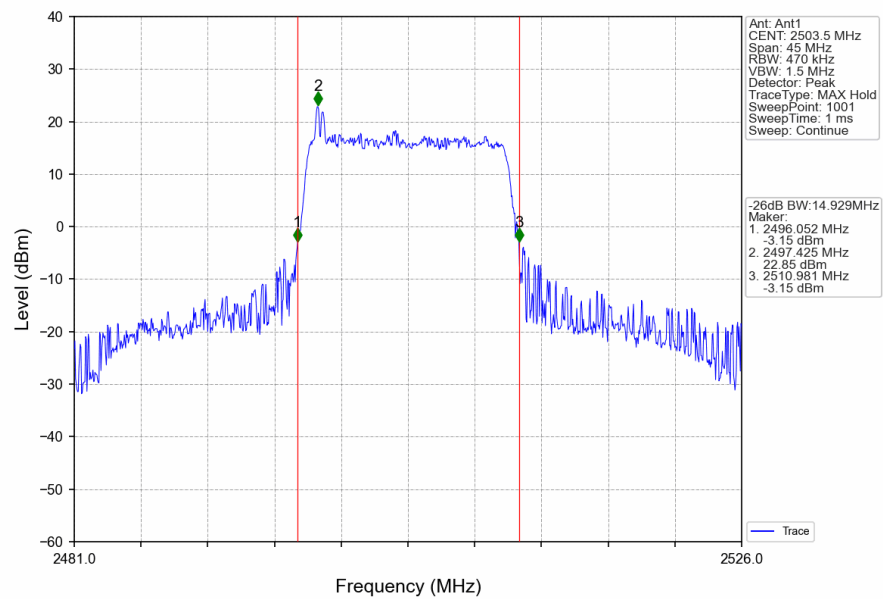
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



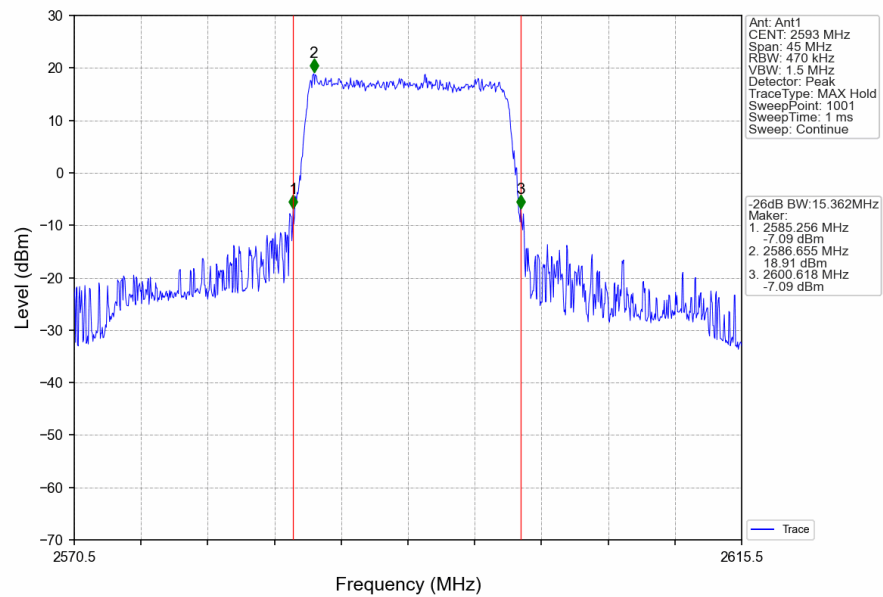
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



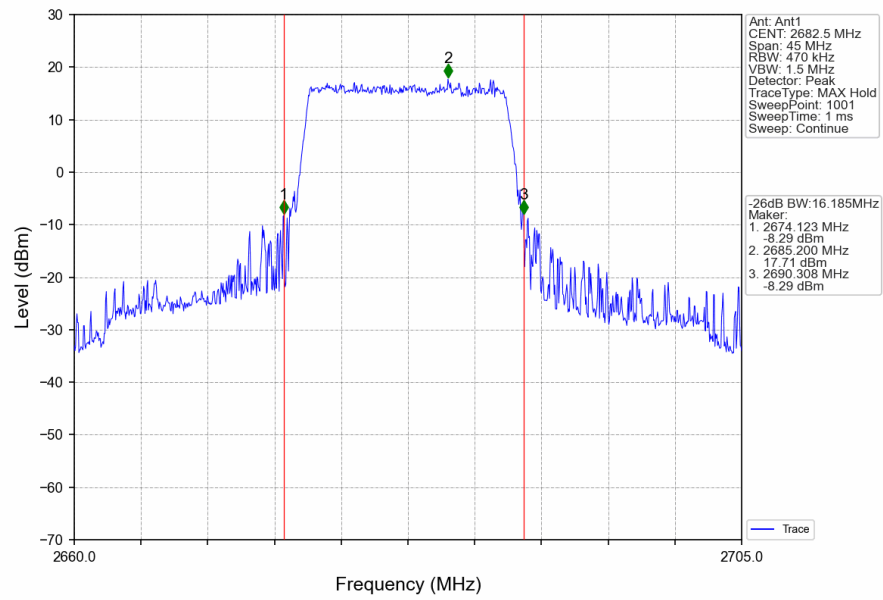
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



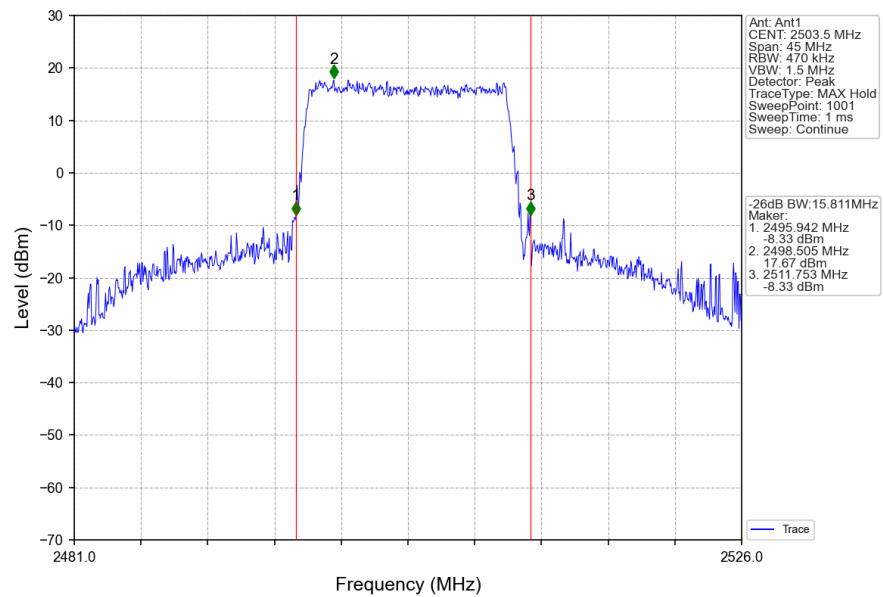
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



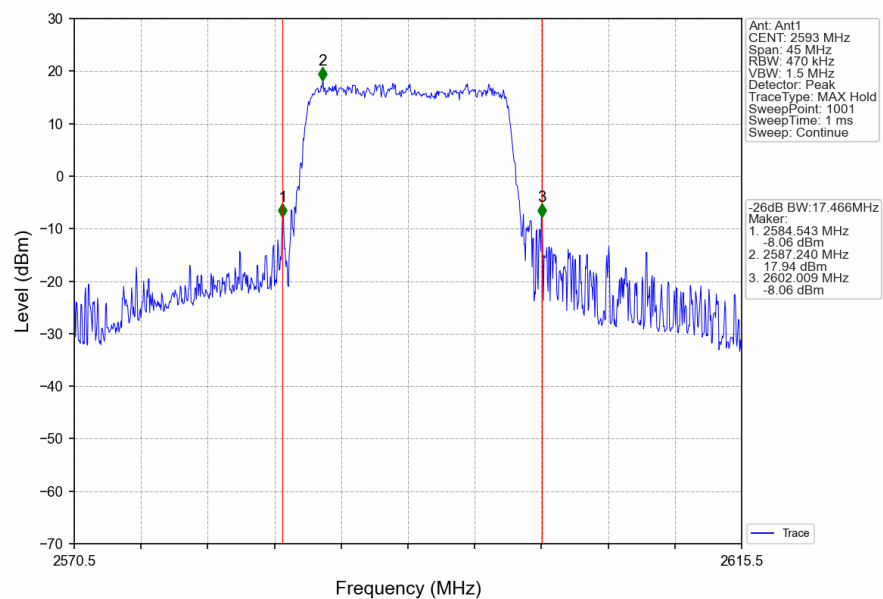
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



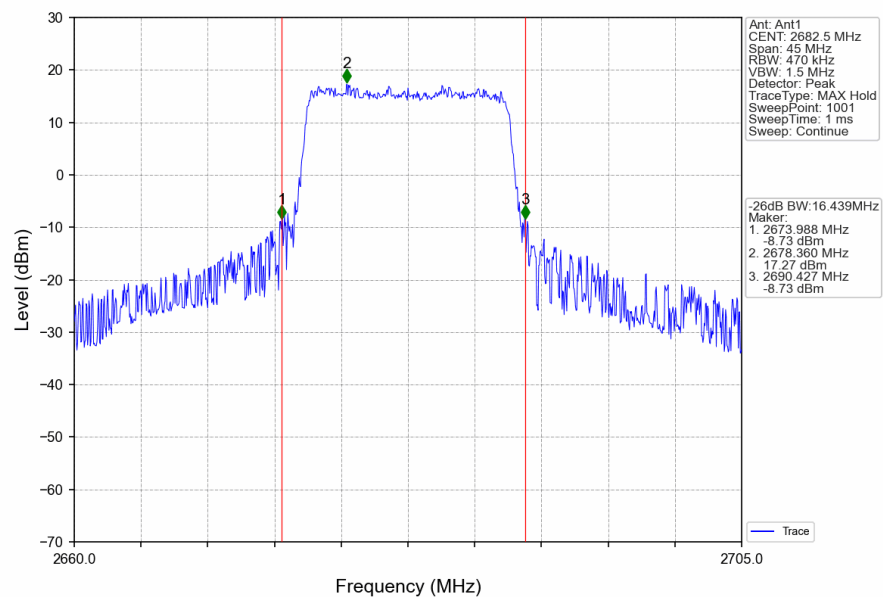
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



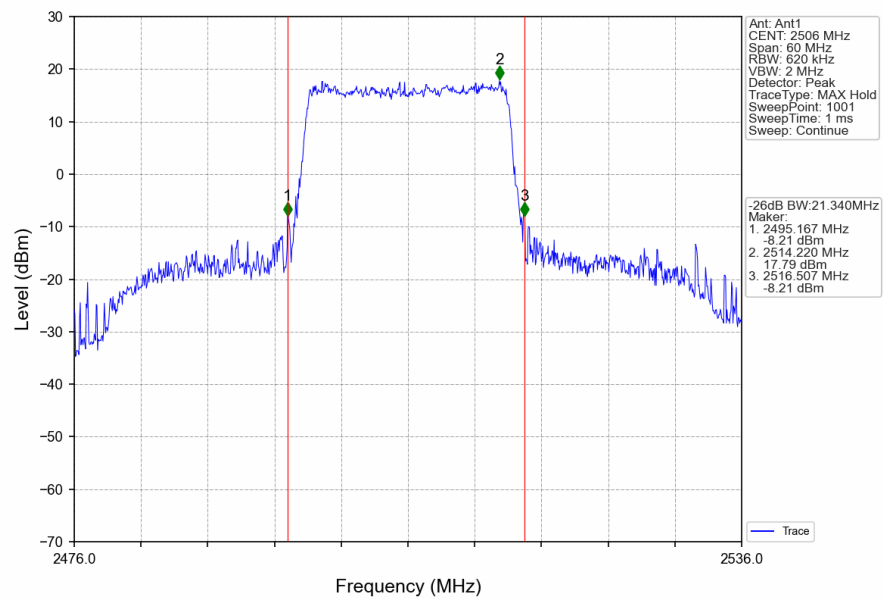
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



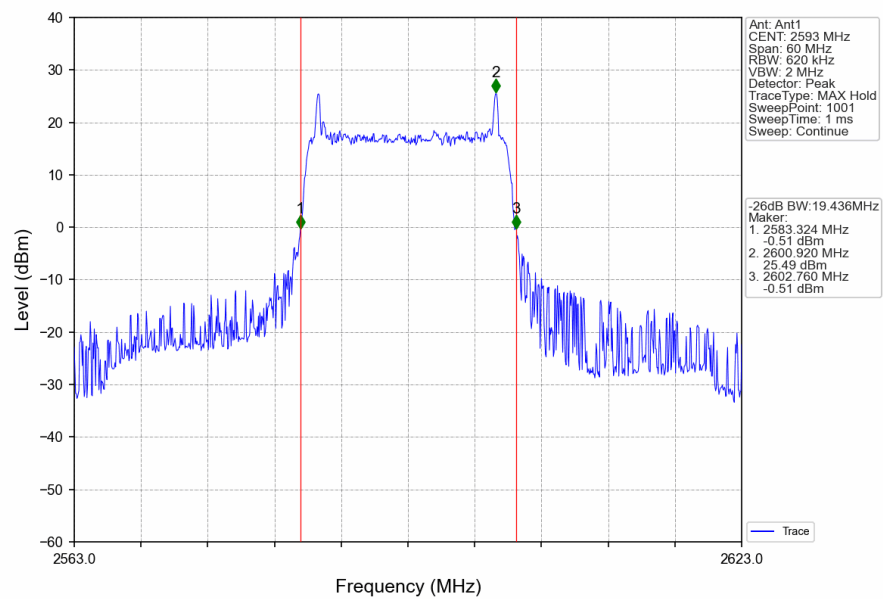
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



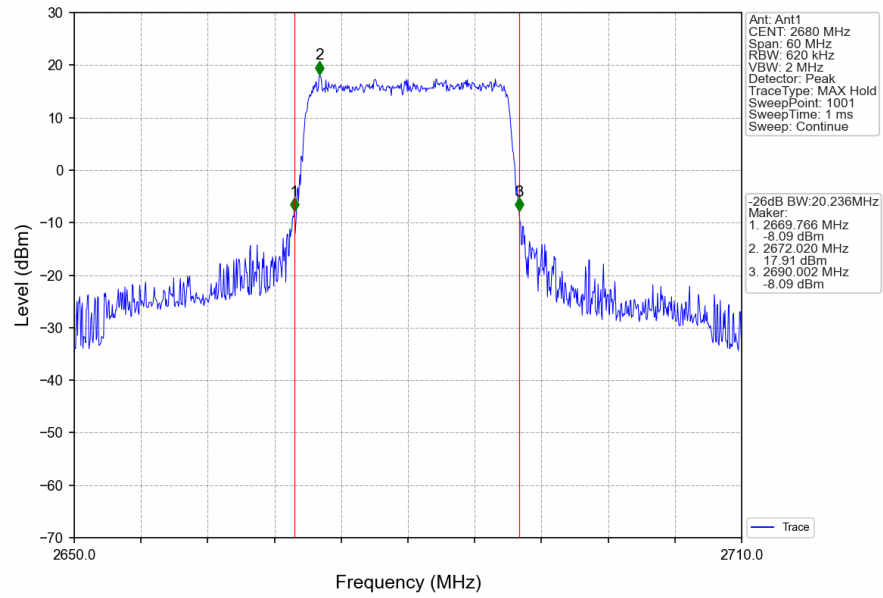
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



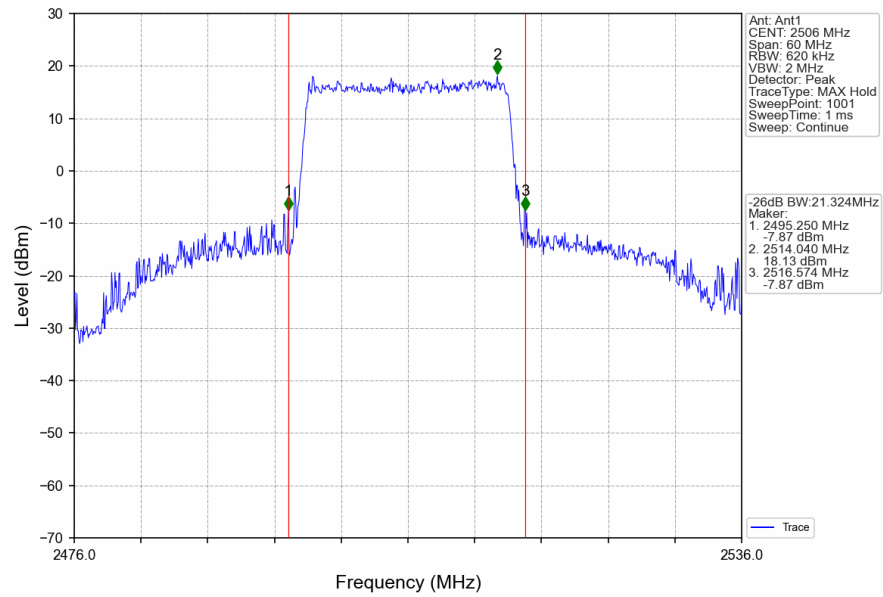
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



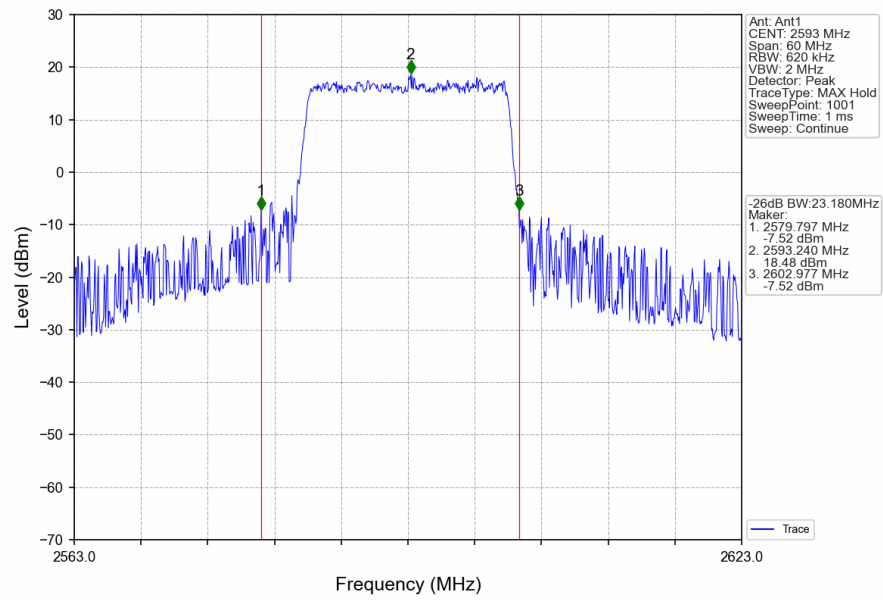
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



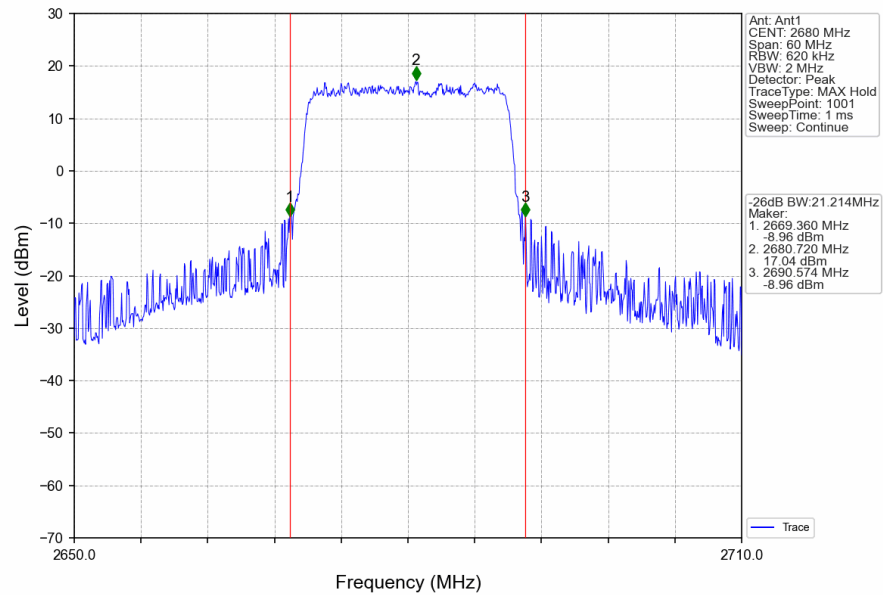
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



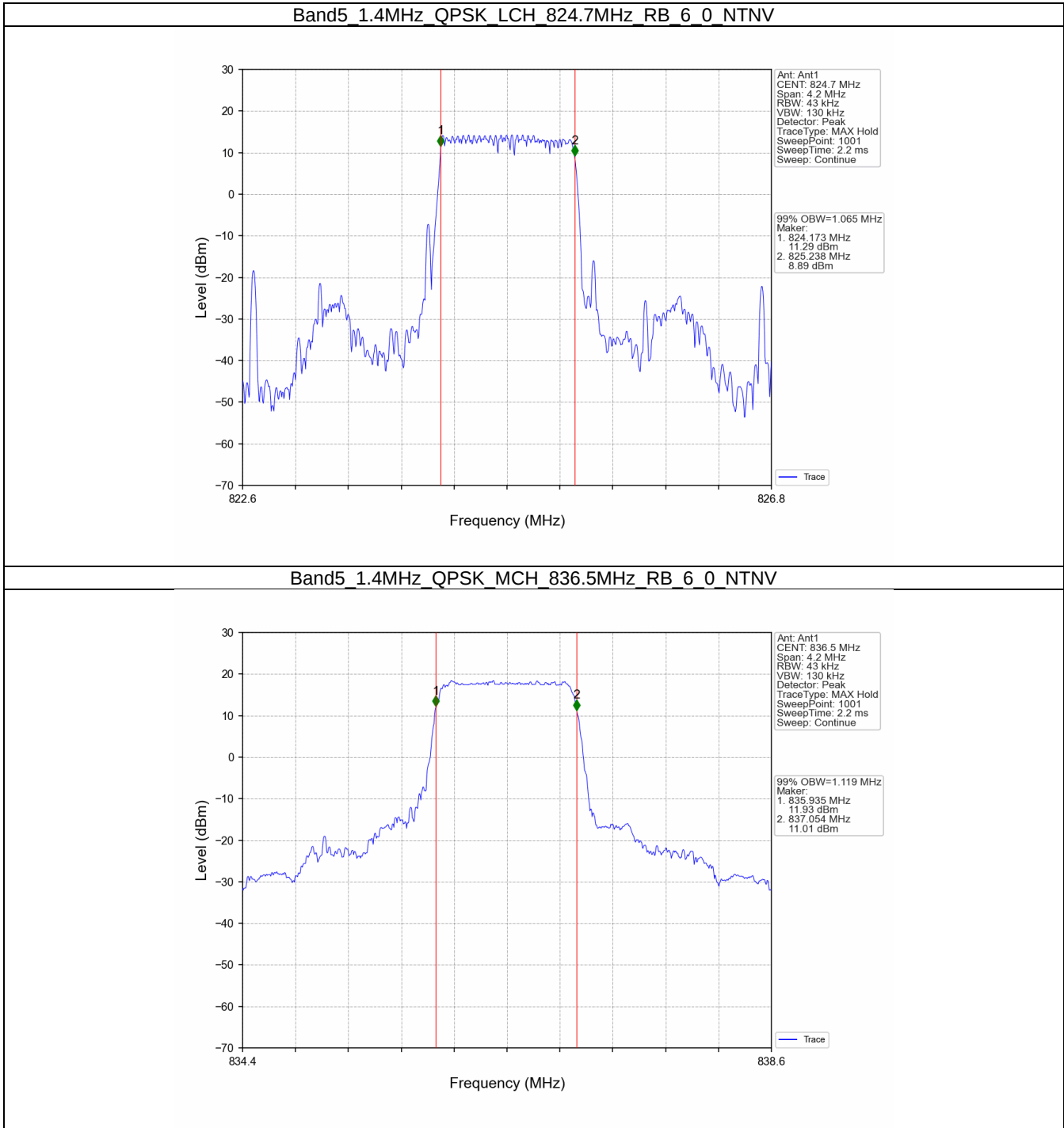
7. 99% & 26dB Bandwidth

7.1 Band5_OBW

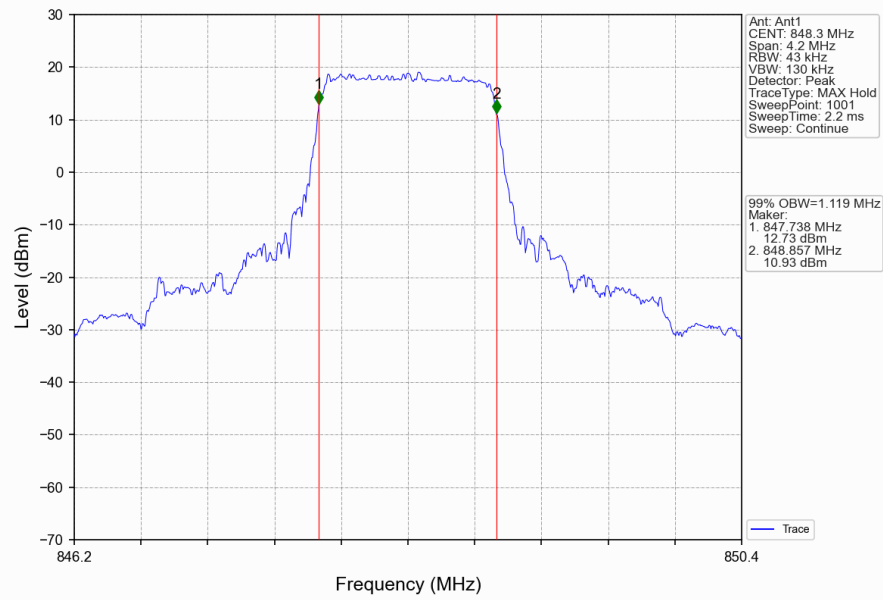
7.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.065	Pass
		836.5	6	0	1.119	Pass
		848.3	6	0	1.119	Pass
	16QAM	824.7	6	0	1.113	Pass
		836.5	6	0	1.123	Pass
		848.3	6	0	1.110	Pass
3	QPSK	825.5	15	0	2.775	Pass
		836.5	15	0	2.766	Pass
		847.5	15	0	2.763	Pass
	16QAM	825.5	15	0	2.771	Pass
		836.5	15	0	2.759	Pass
		847.5	15	0	2.755	Pass
5	QPSK	826.5	25	0	4.585	Pass
		836.5	25	0	4.560	Pass
		846.5	25	0	4.575	Pass
	16QAM	826.5	25	0	4.595	Pass
		836.5	25	0	4.605	Pass
		846.5	25	0	4.608	Pass
10	QPSK	829	50	0	9.069	Pass
		836.5	50	0	9.041	Pass
		844	50	0	9.065	Pass
	16QAM	829	50	0	9.081	Pass
		836.5	50	0	9.046	Pass
		844	50	0	9.069	Pass

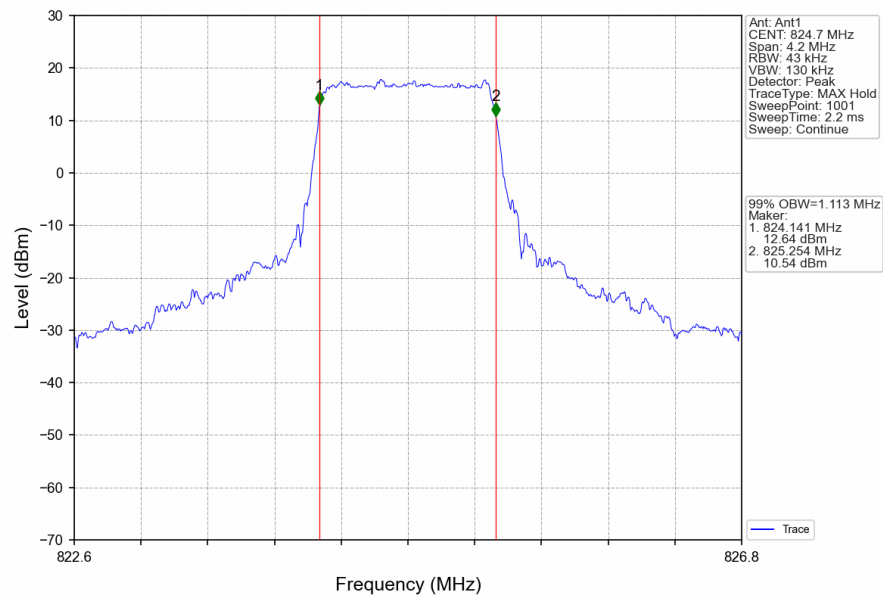
7.1.2 Test Graph



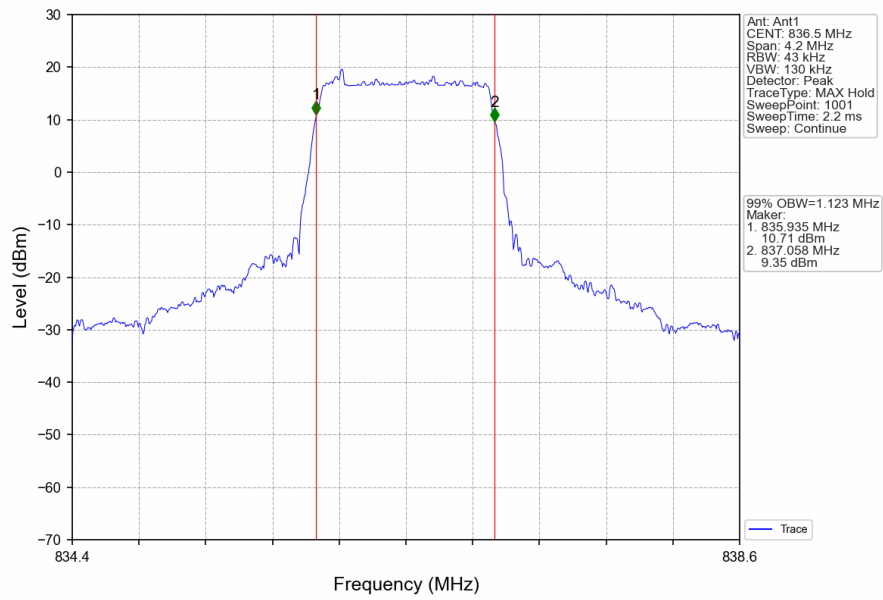
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



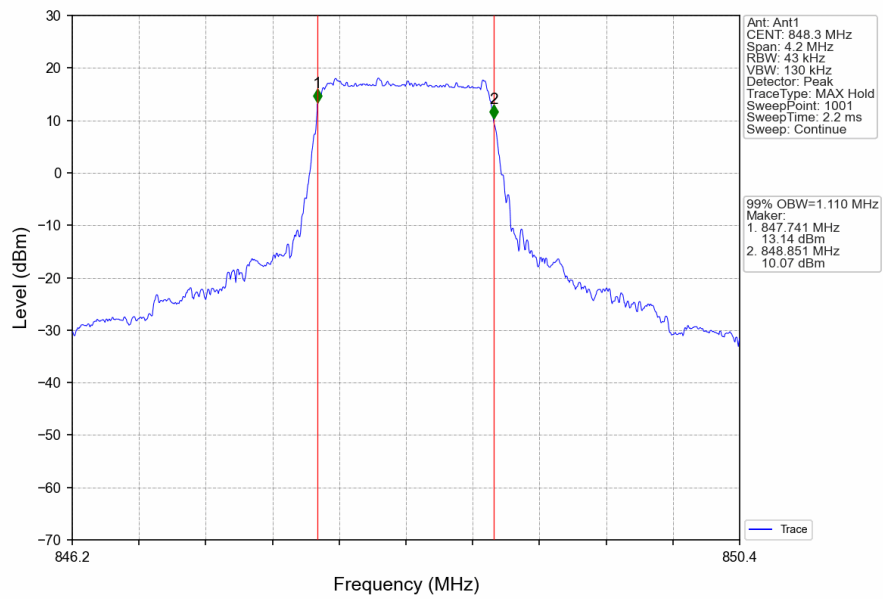
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



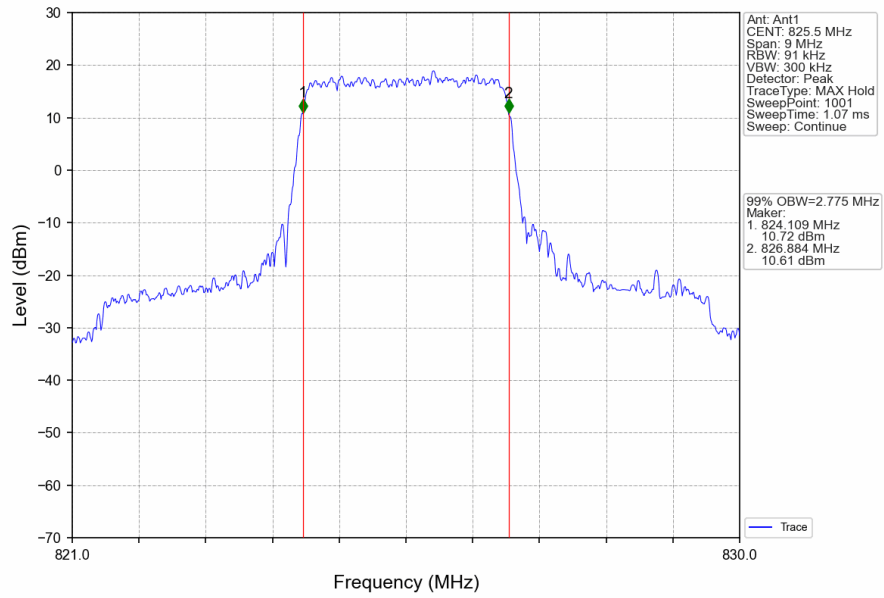
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



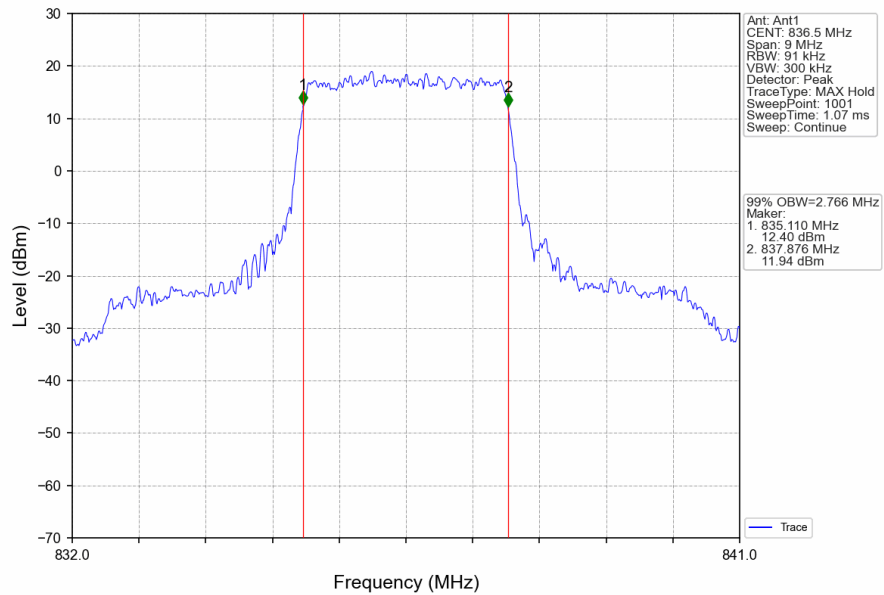
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



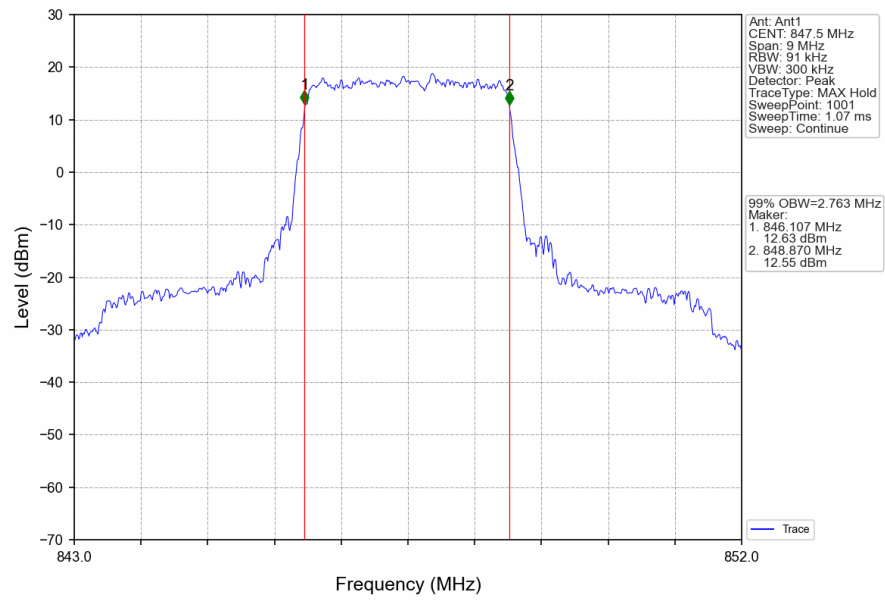
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



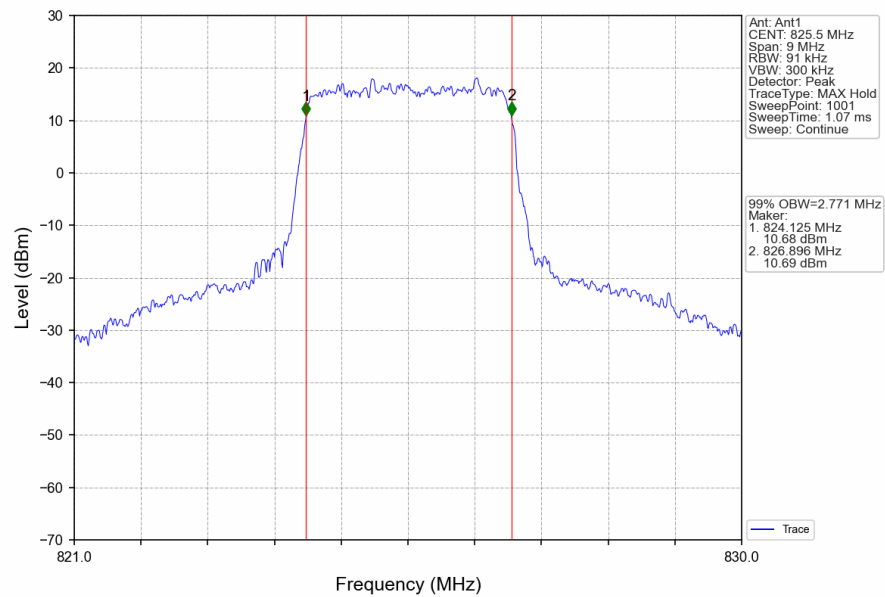
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



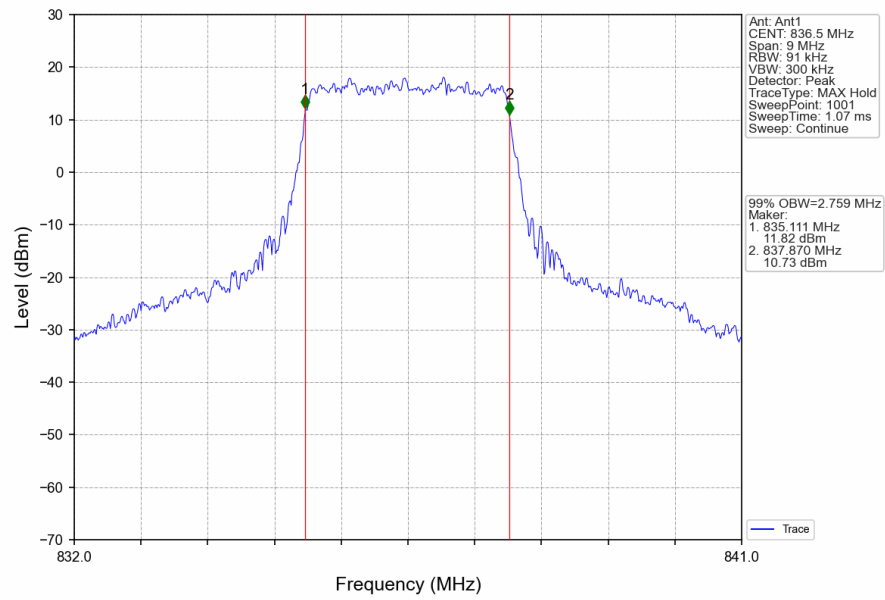
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



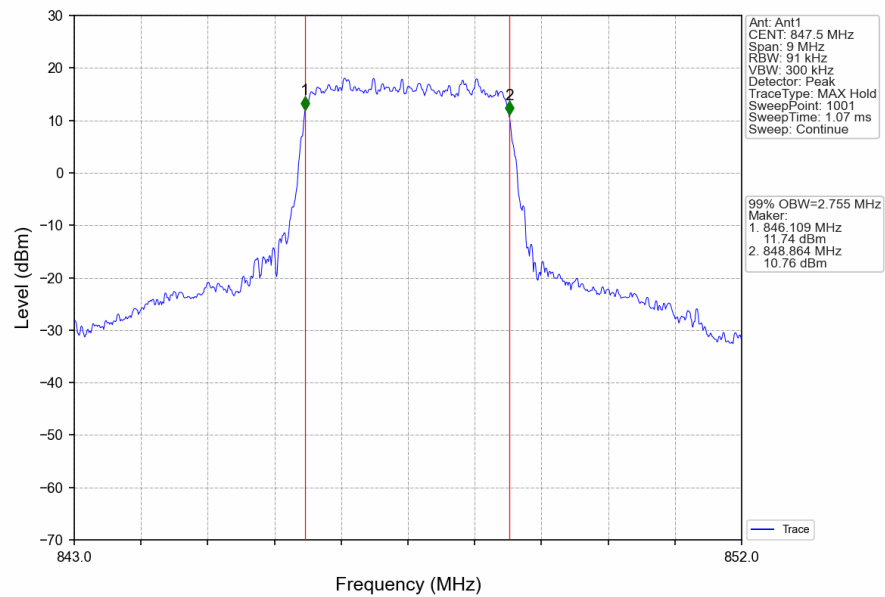
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



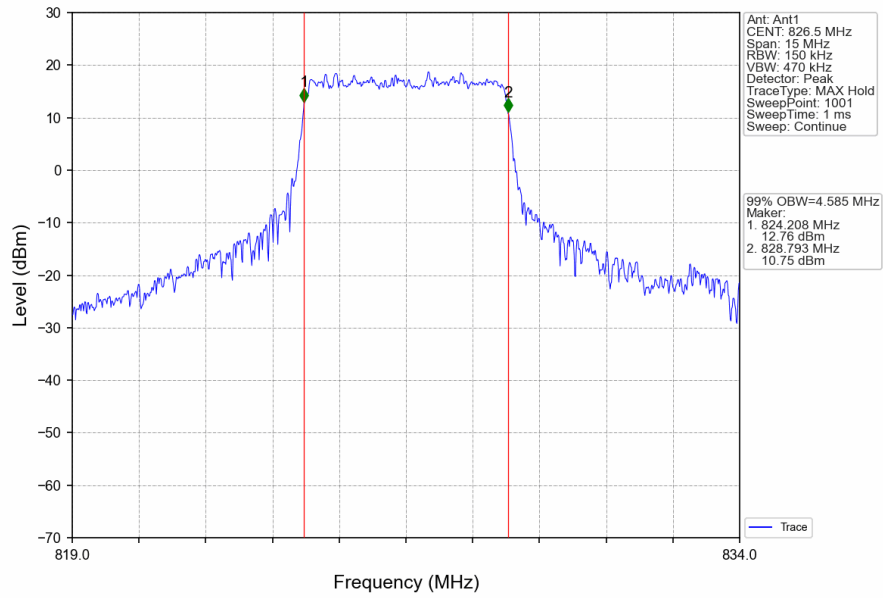
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



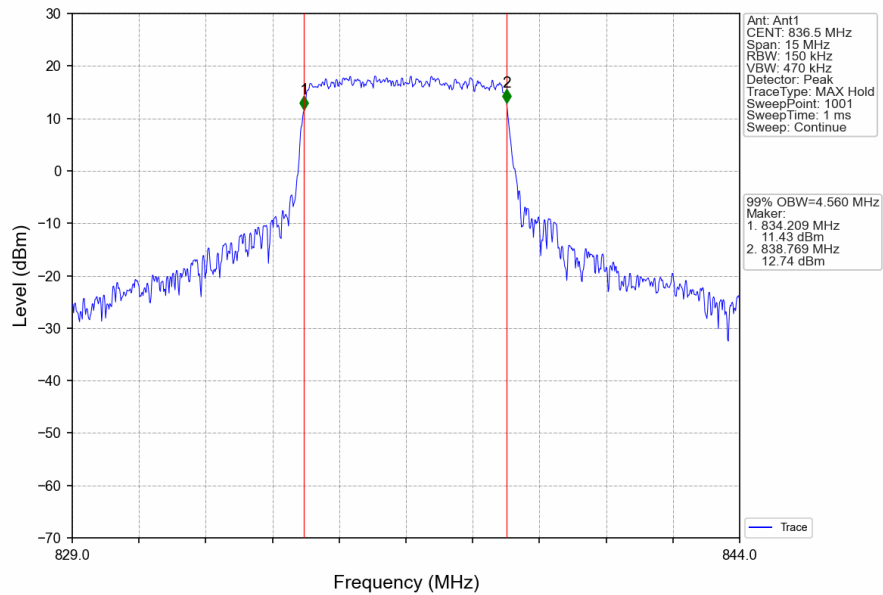
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



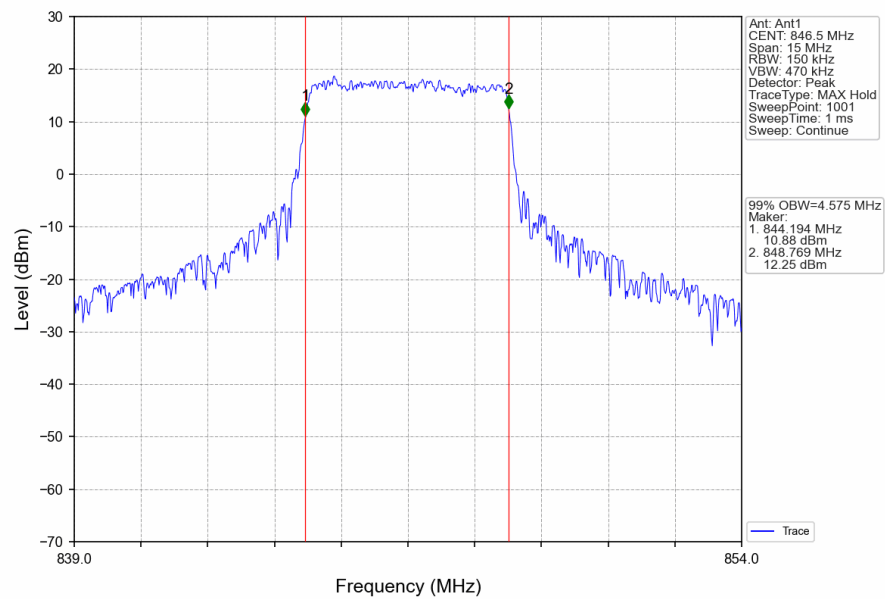
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



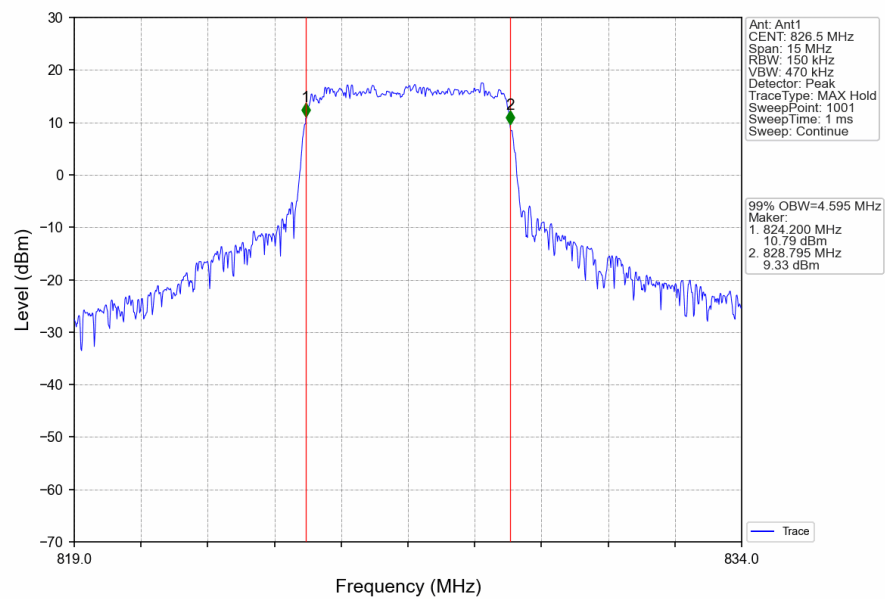
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



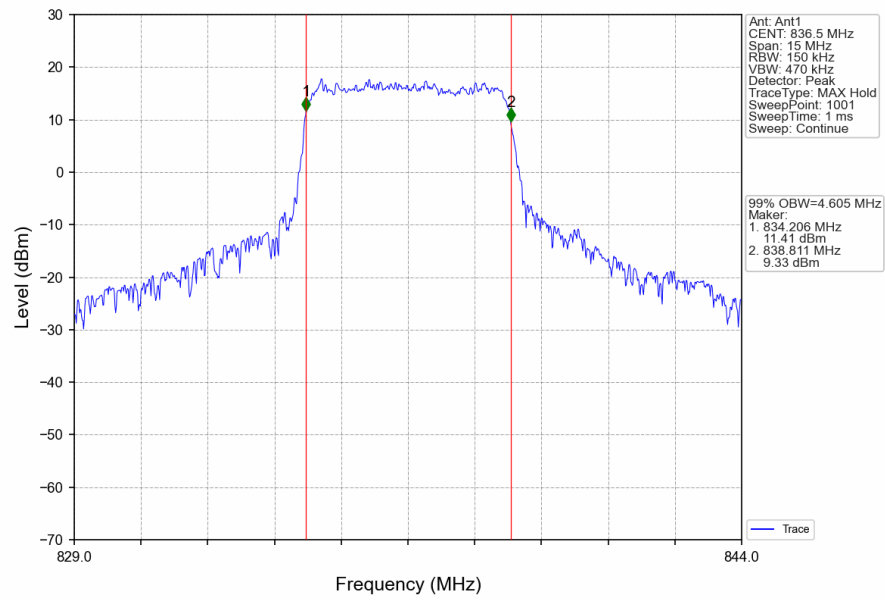
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



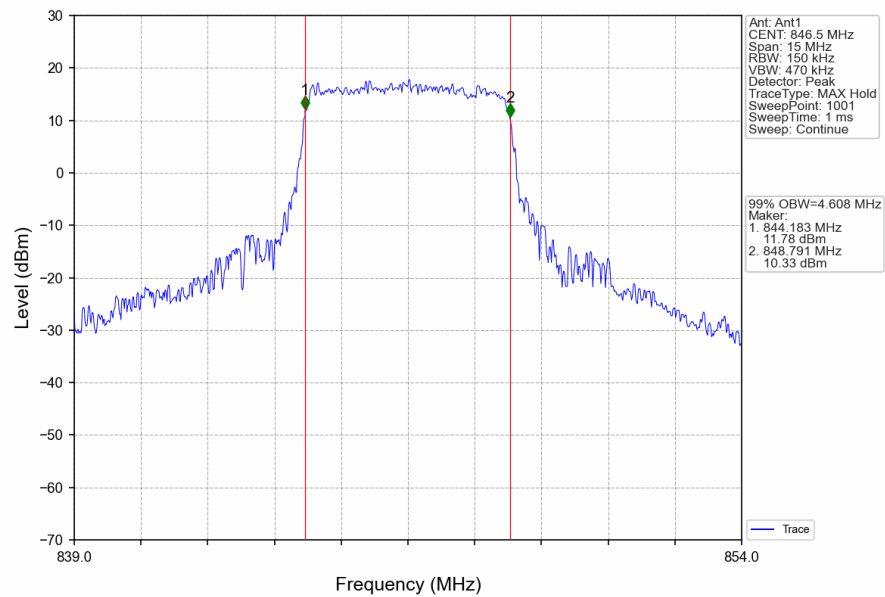
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



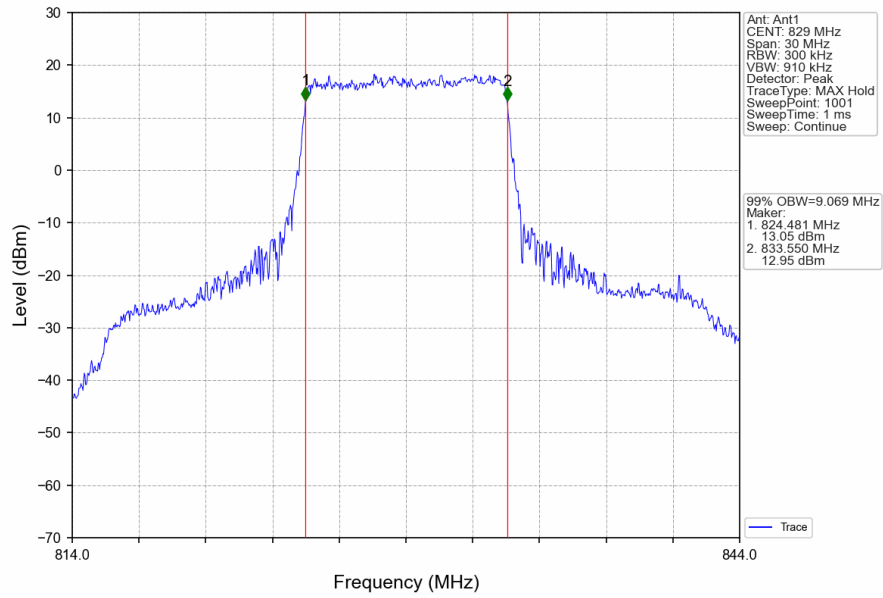
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



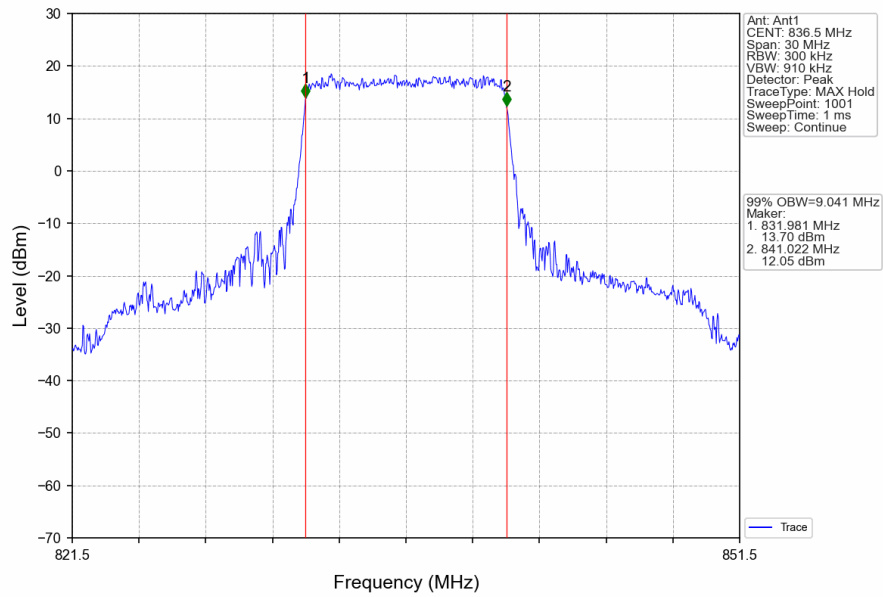
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



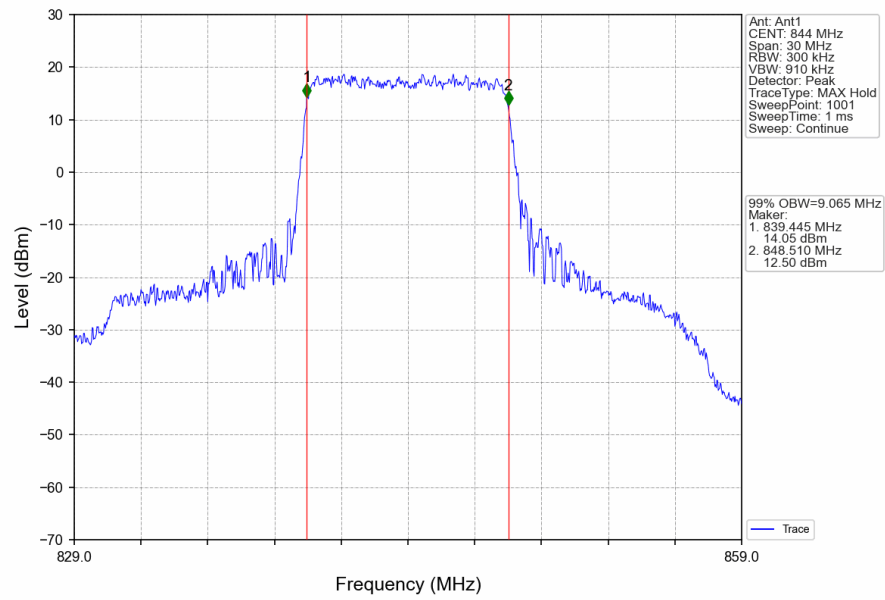
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



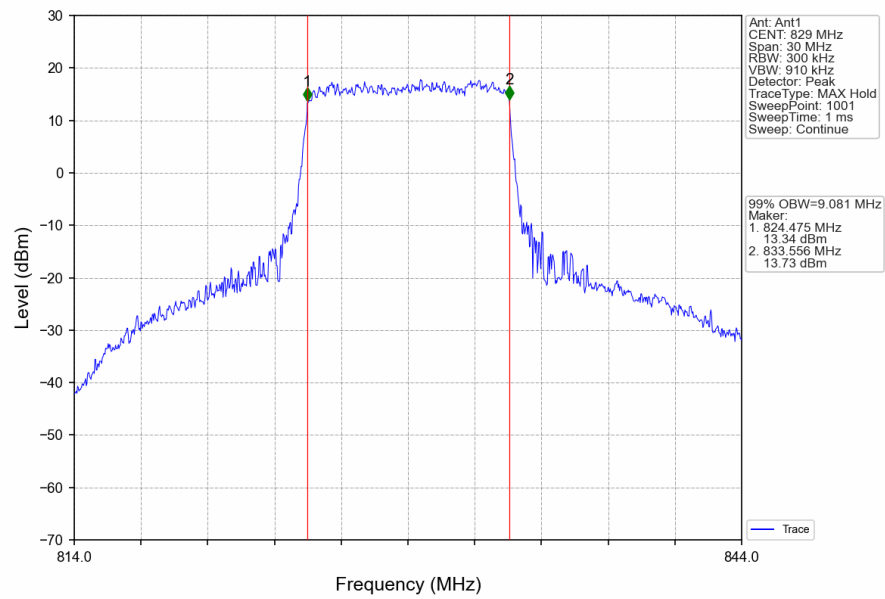
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



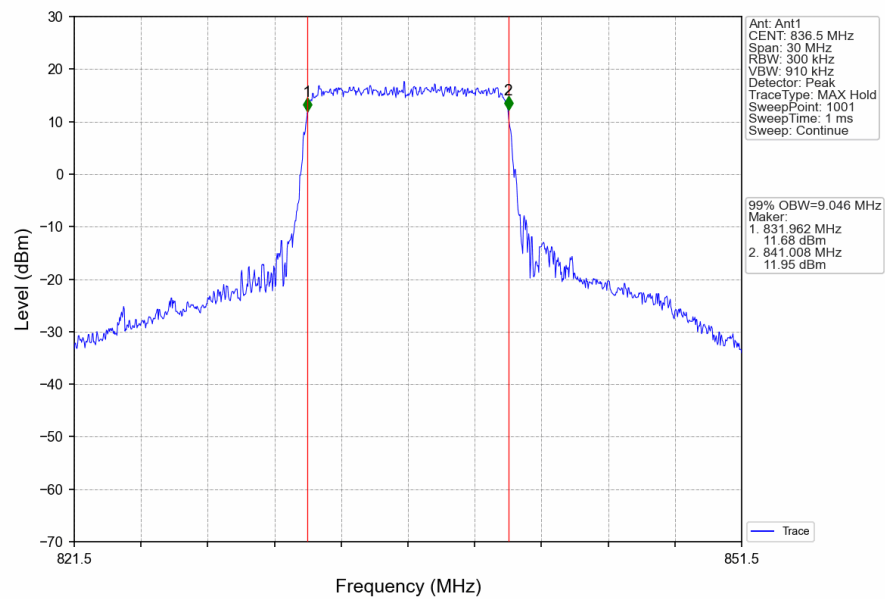
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



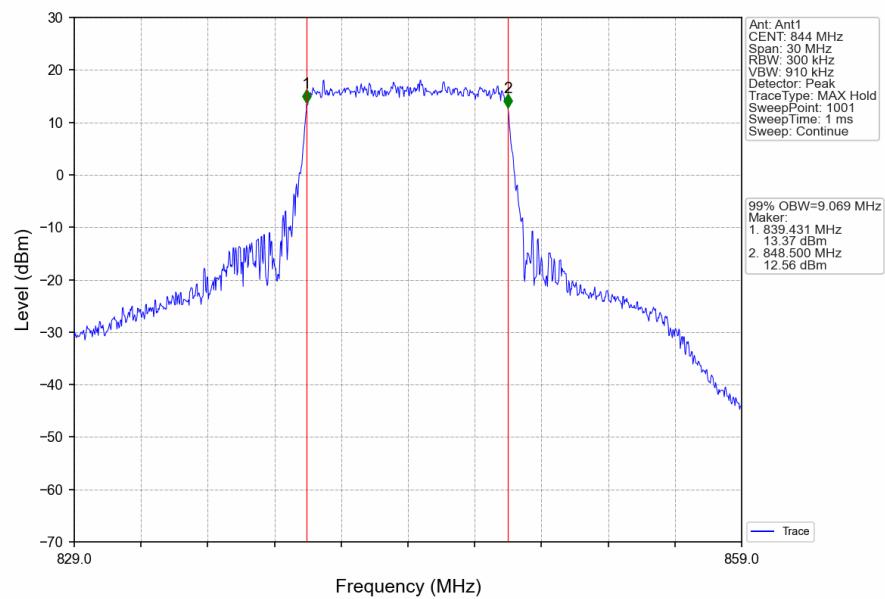
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

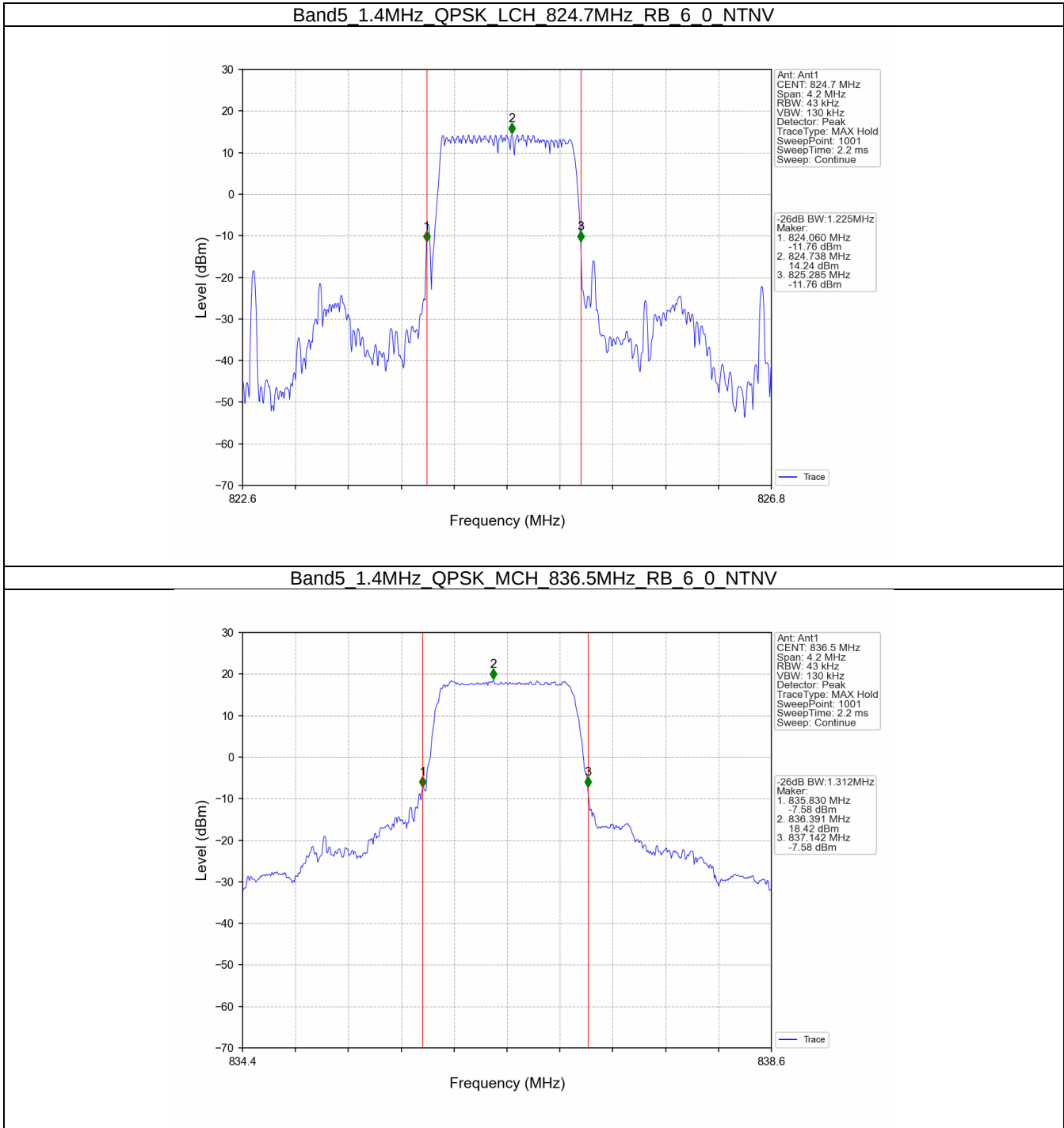


7.2 Band5_XDB

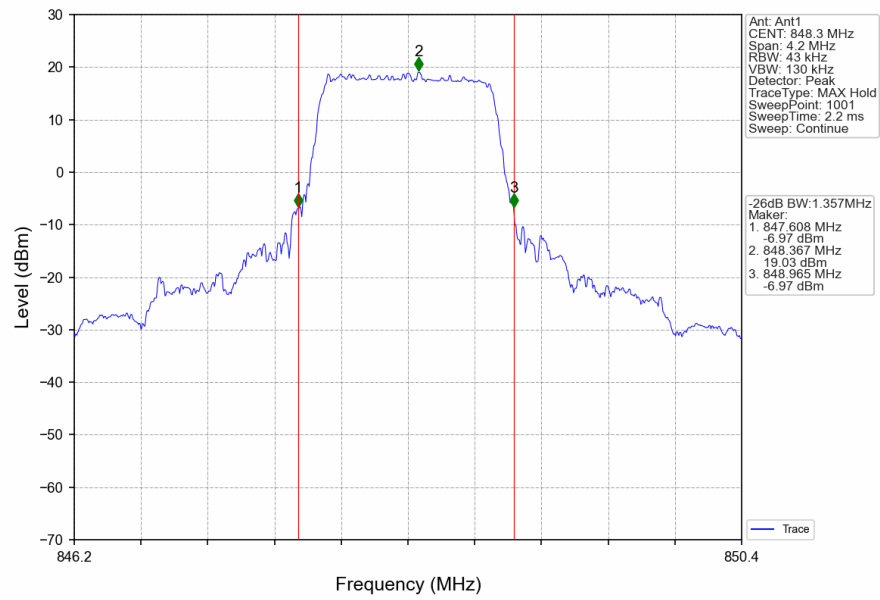
7.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.225	Pass
		836.5	6	0	1.312	Pass
		848.3	6	0	1.357	Pass
	16QAM	824.7	6	0	1.348	Pass
		836.5	6	0	1.291	Pass
		848.3	6	0	1.308	Pass
3	QPSK	825.5	15	0	3.130	Pass
		836.5	15	0	3.114	Pass
		847.5	15	0	3.103	Pass
	16QAM	825.5	15	0	3.146	Pass
		836.5	15	0	3.208	Pass
		847.5	15	0	3.153	Pass
5	QPSK	826.5	25	0	5.701	Pass
		836.5	25	0	5.540	Pass
		846.5	25	0	5.753	Pass
	16QAM	826.5	25	0	5.751	Pass
		836.5	25	0	5.697	Pass
		846.5	25	0	5.610	Pass
10	QPSK	829	50	0	10.400	Pass
		836.5	50	0	10.448	Pass
		844	50	0	10.359	Pass
	16QAM	829	50	0	10.301	Pass
		836.5	50	0	10.272	Pass
		844	50	0	10.669	Pass

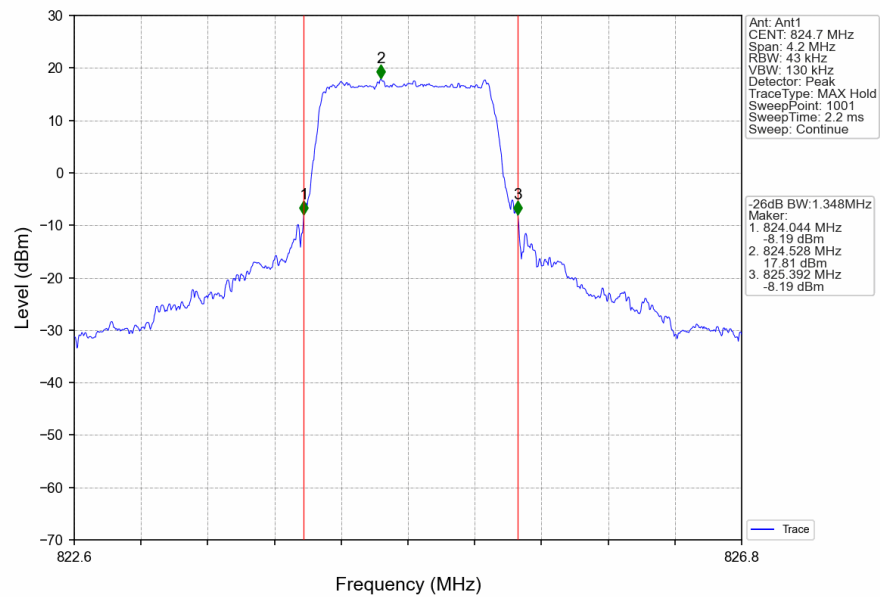
7.2.2 Test Graph



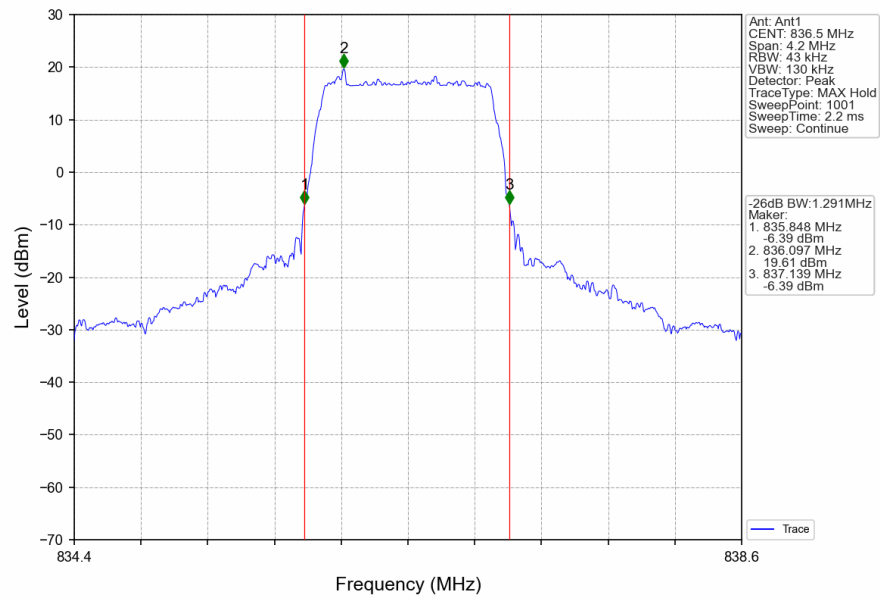
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



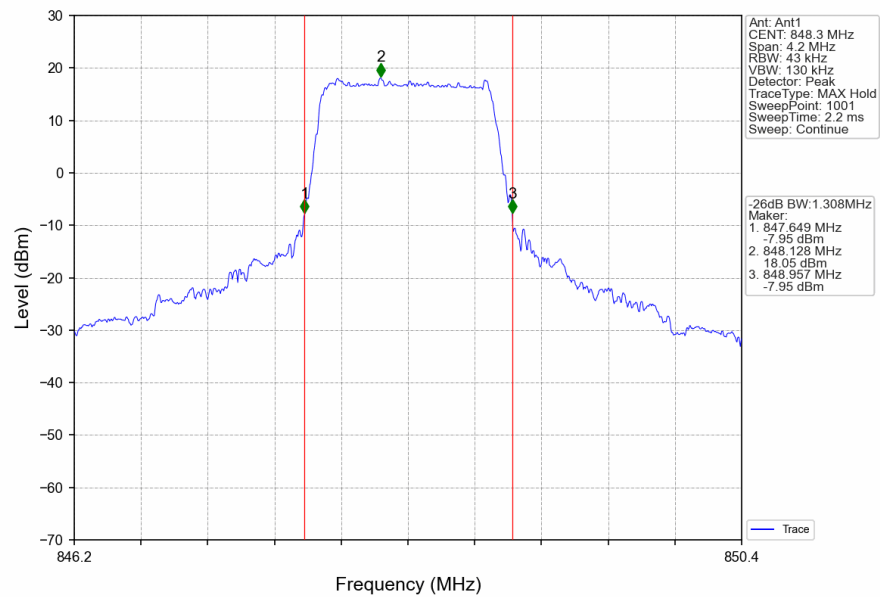
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTV



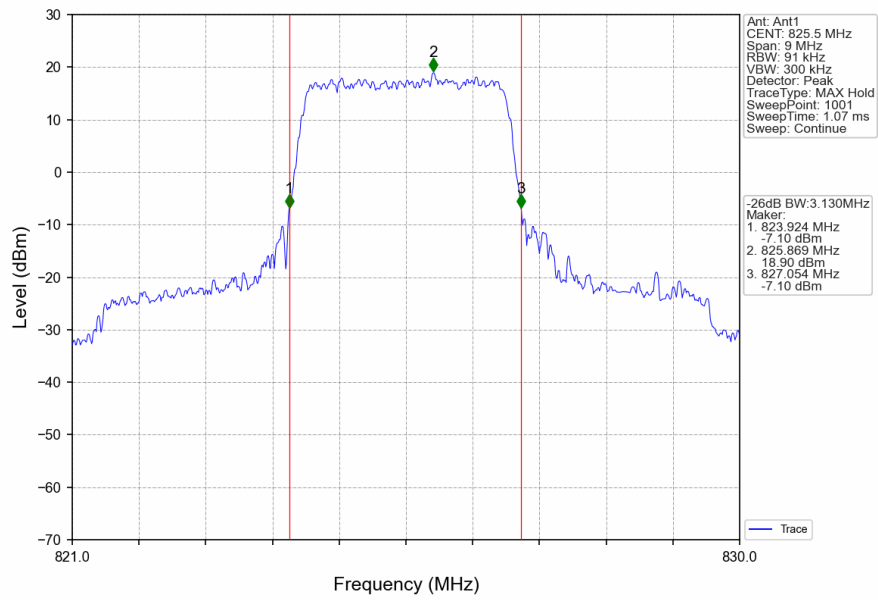
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



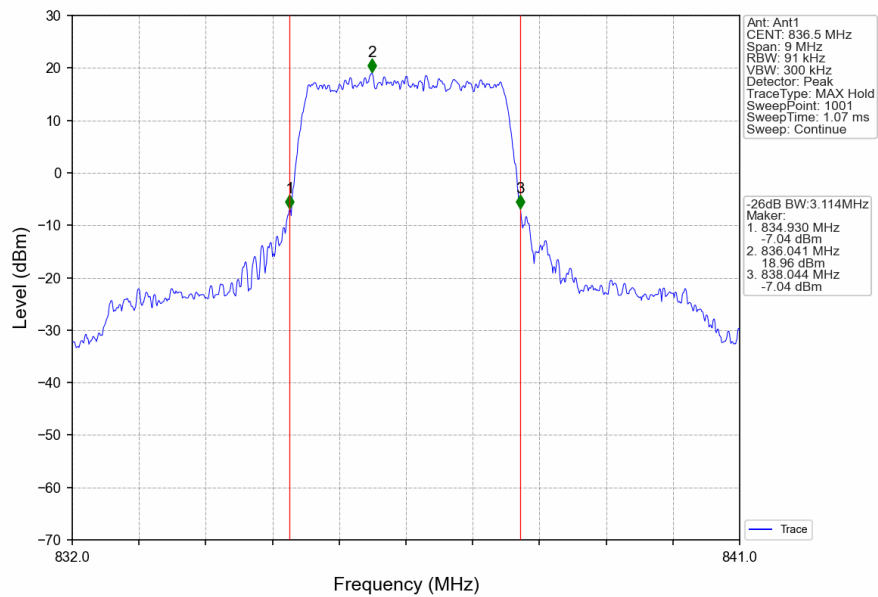
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



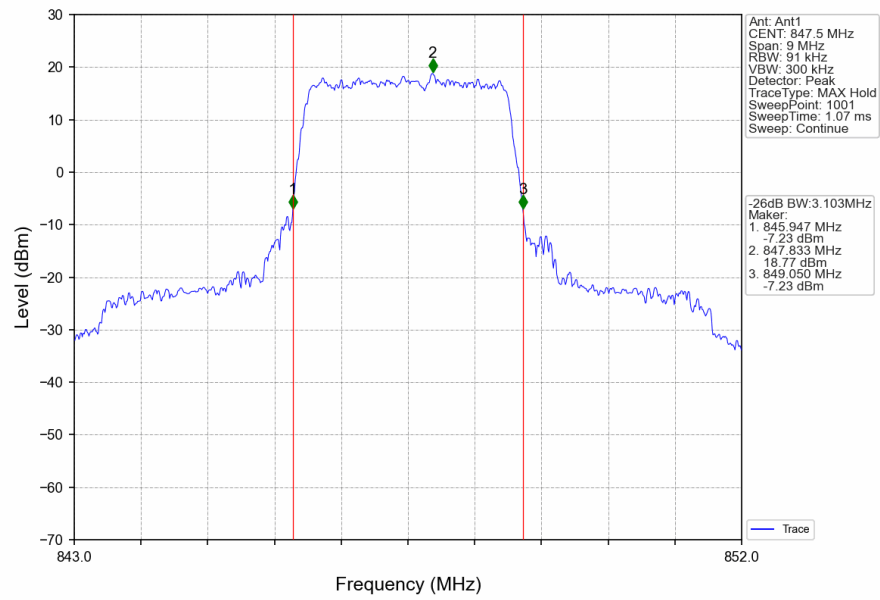
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



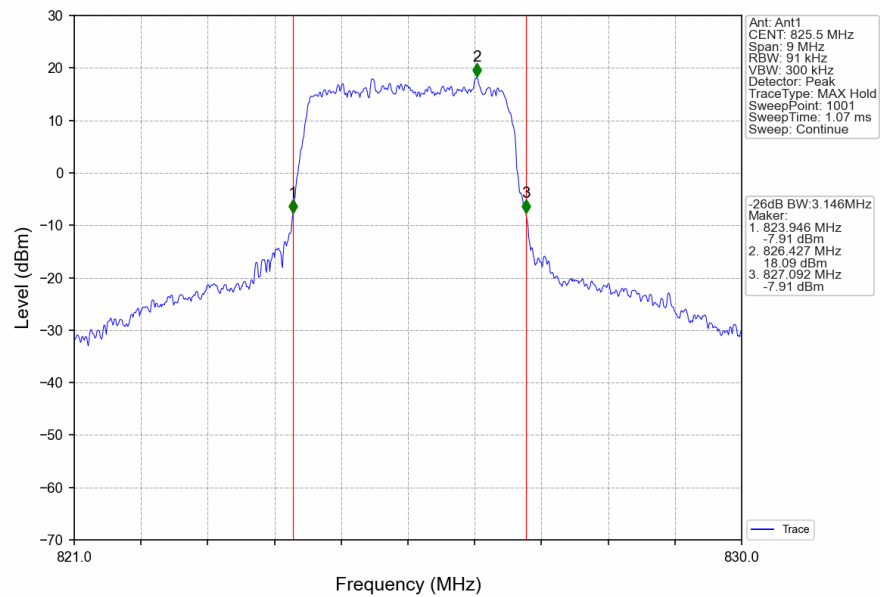
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



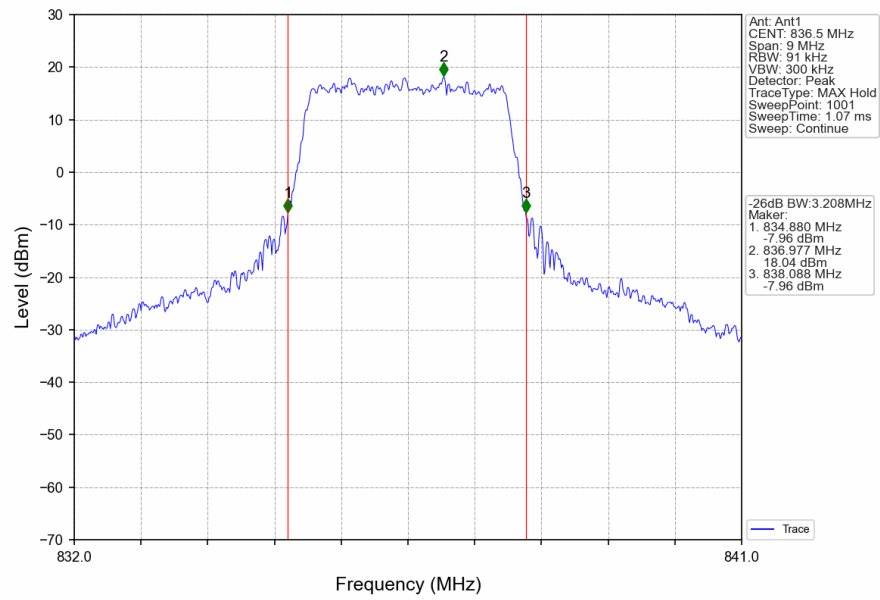
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



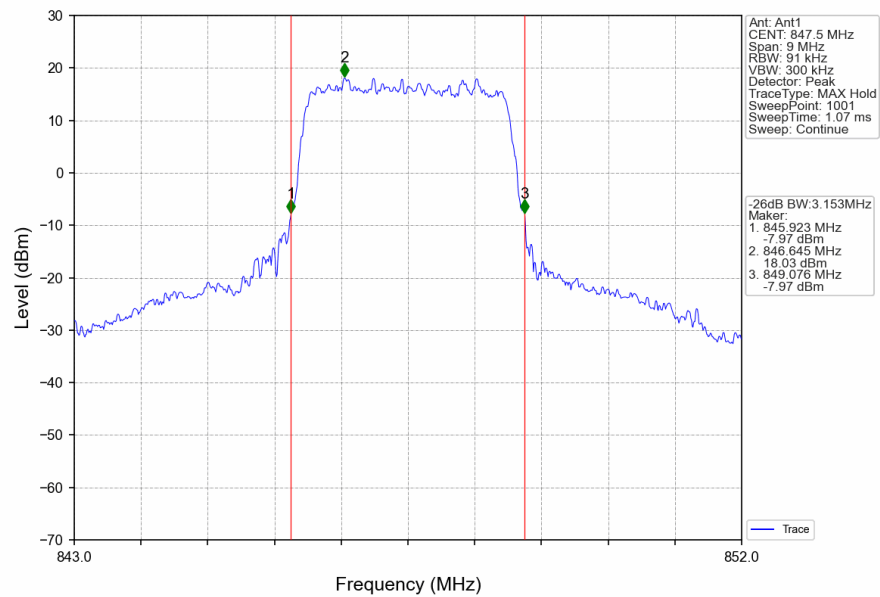
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



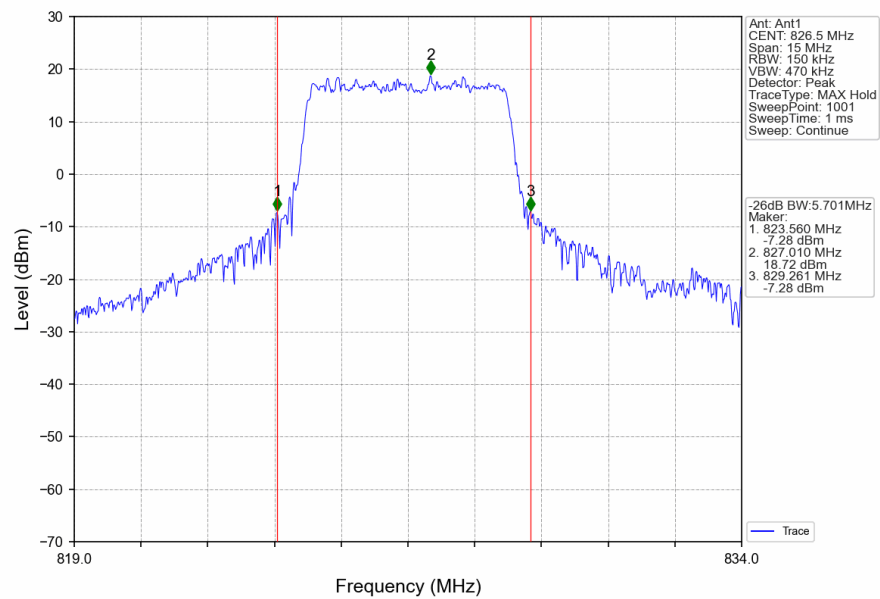
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



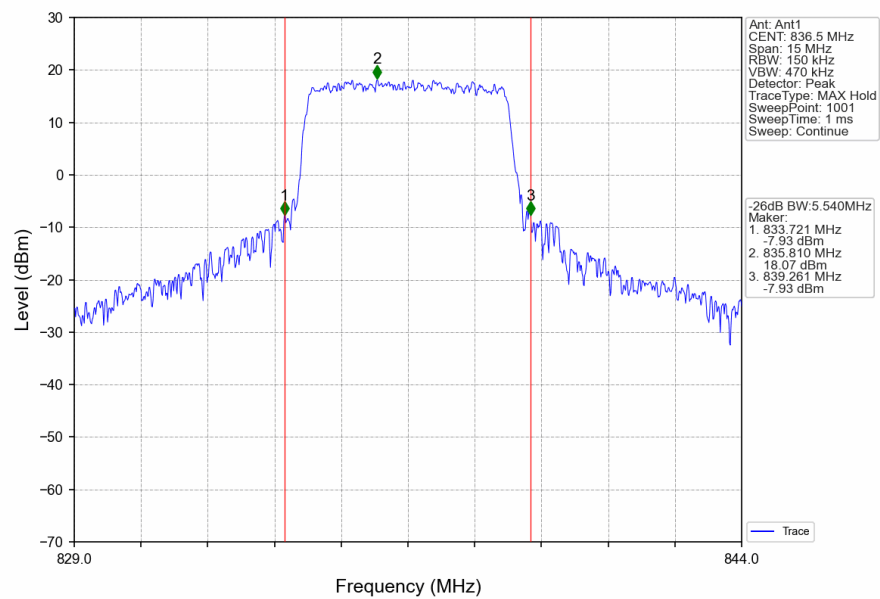
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



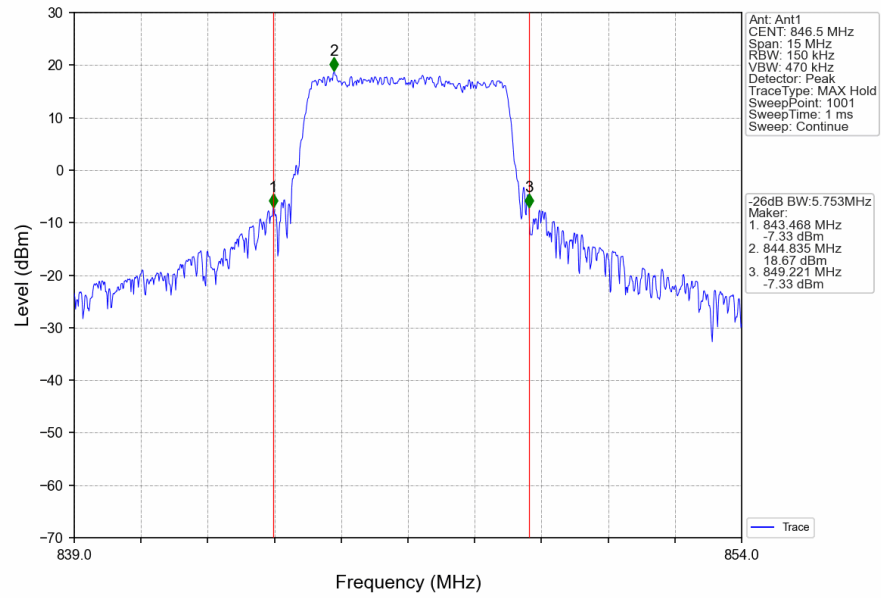
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



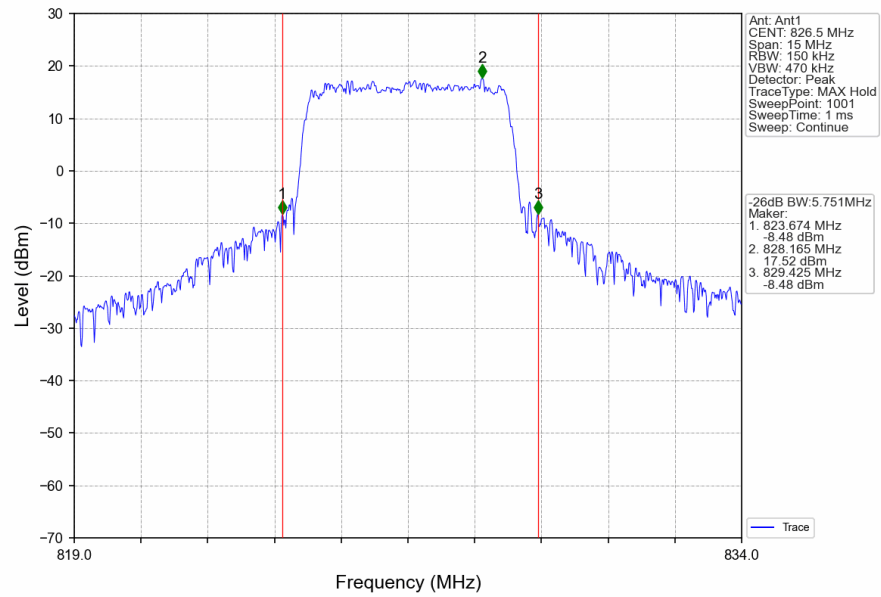
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



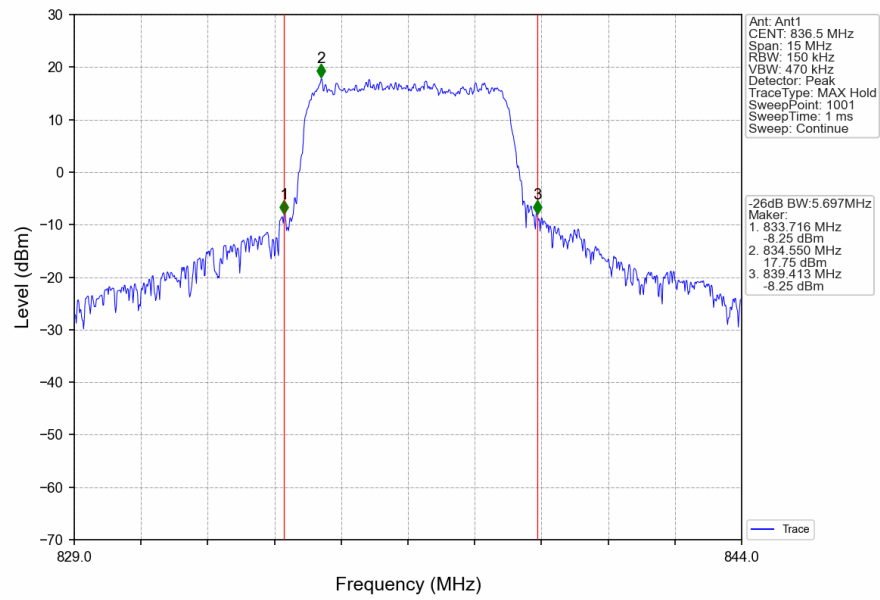
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



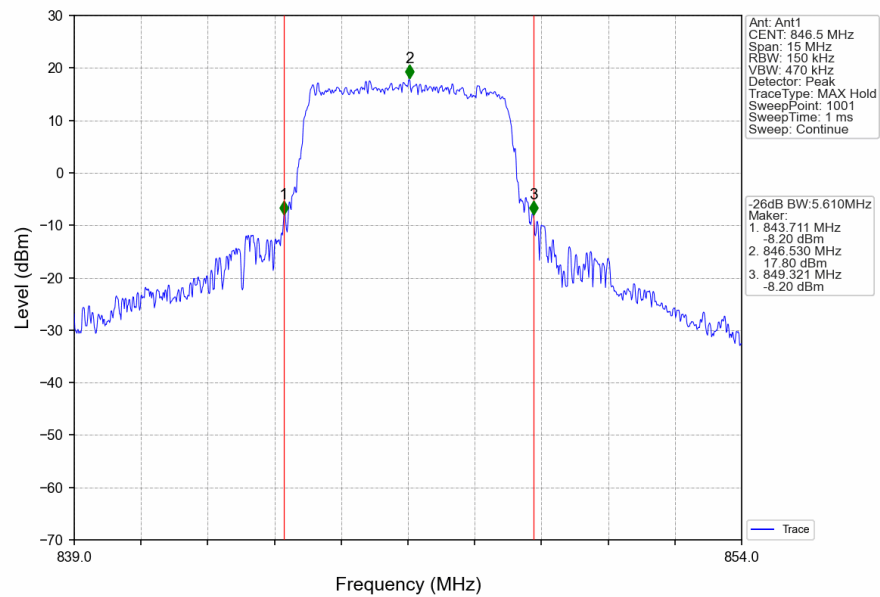
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



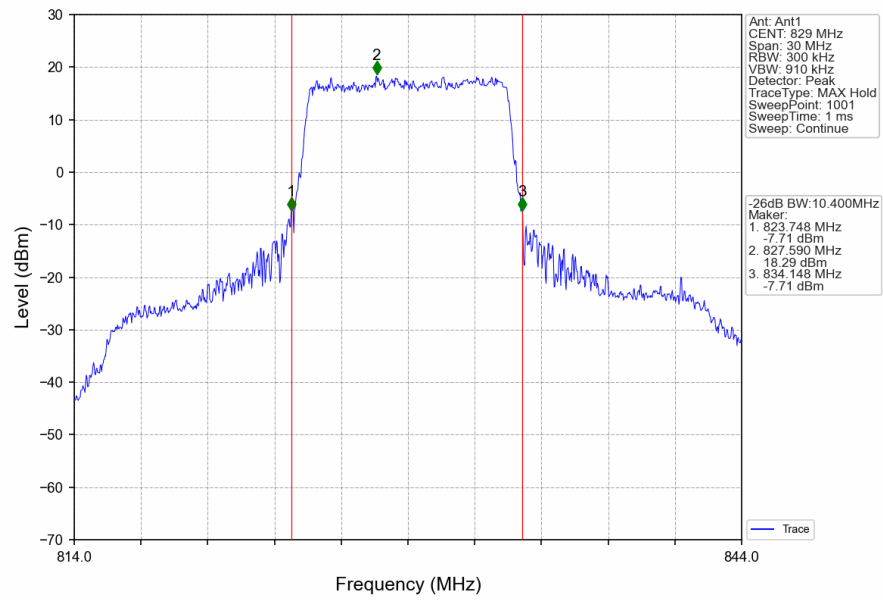
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



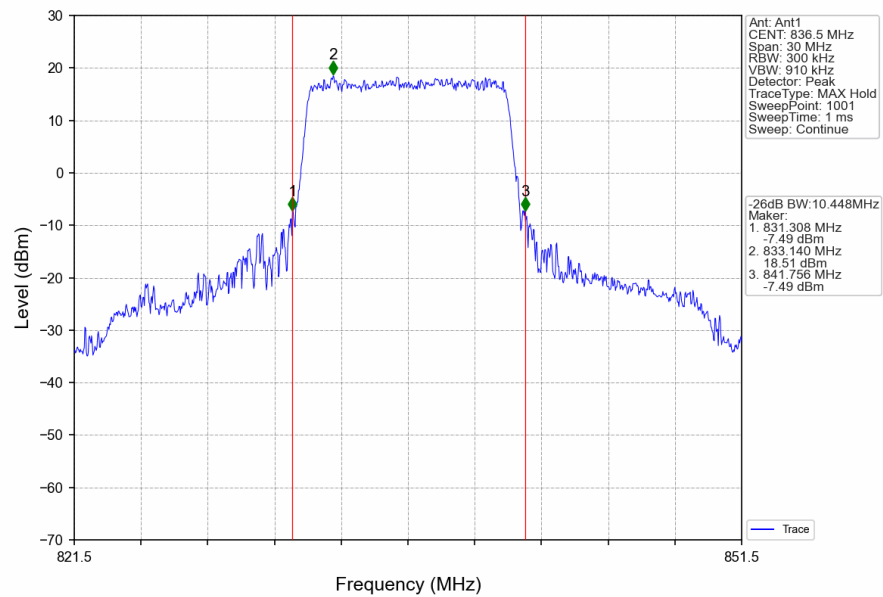
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



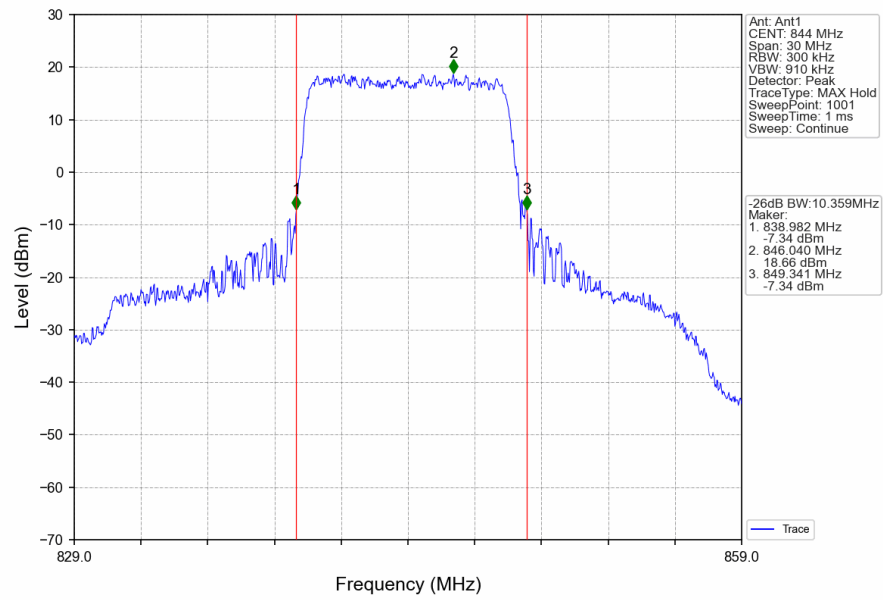
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



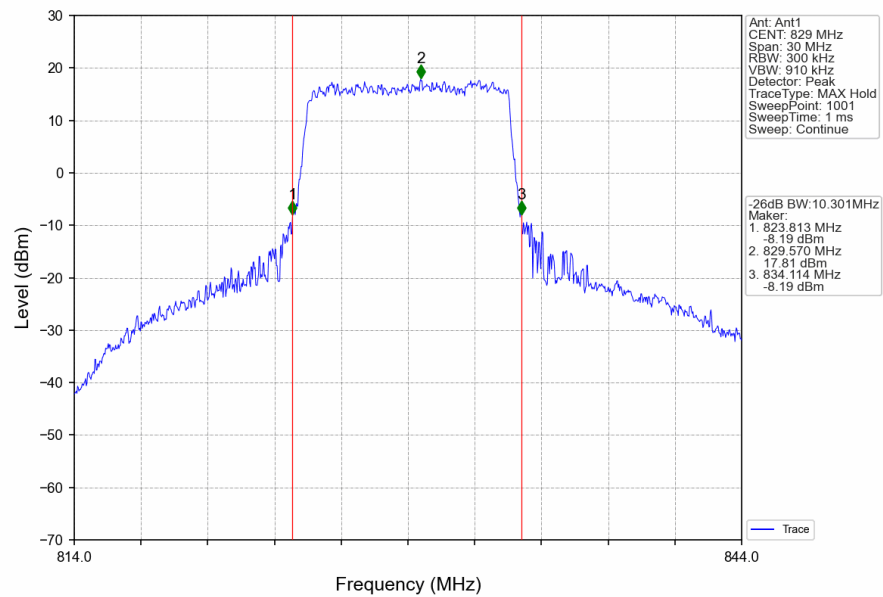
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



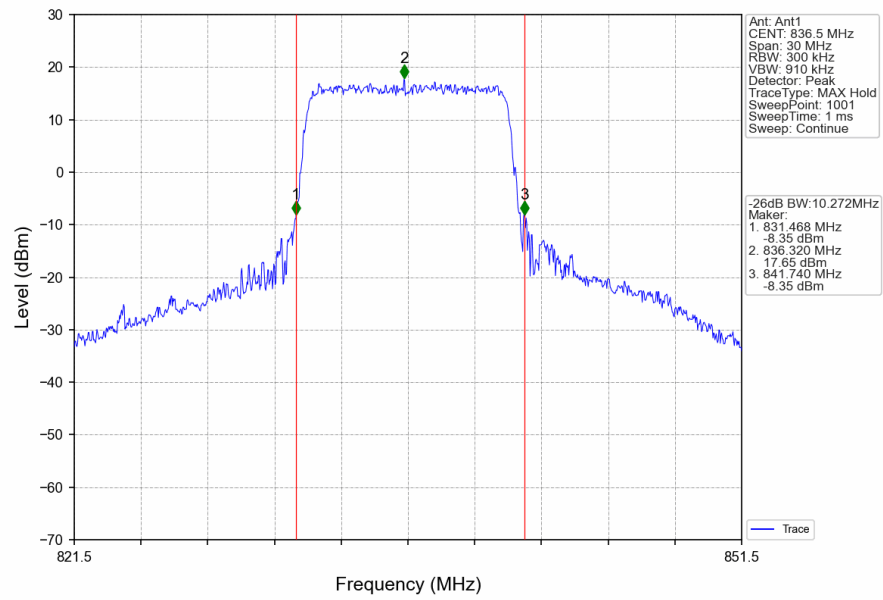
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



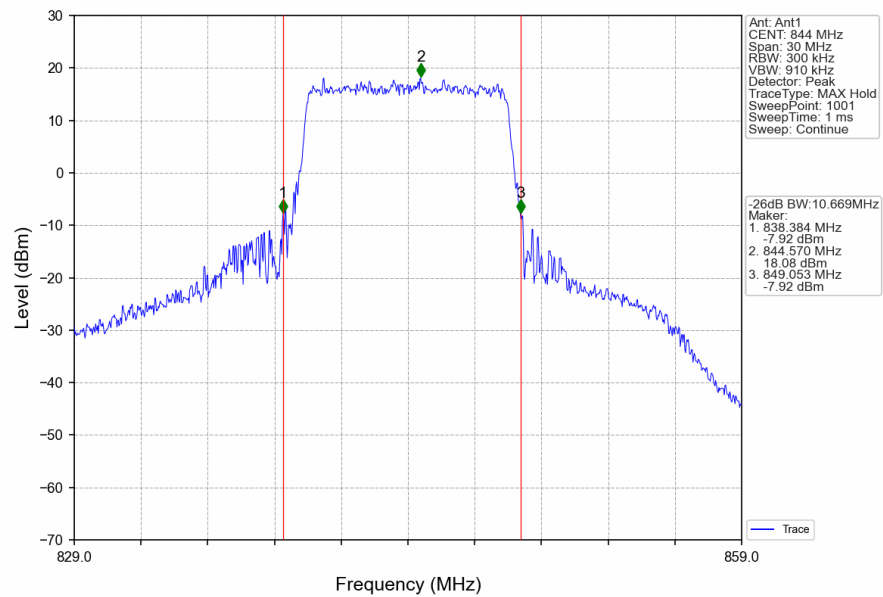
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



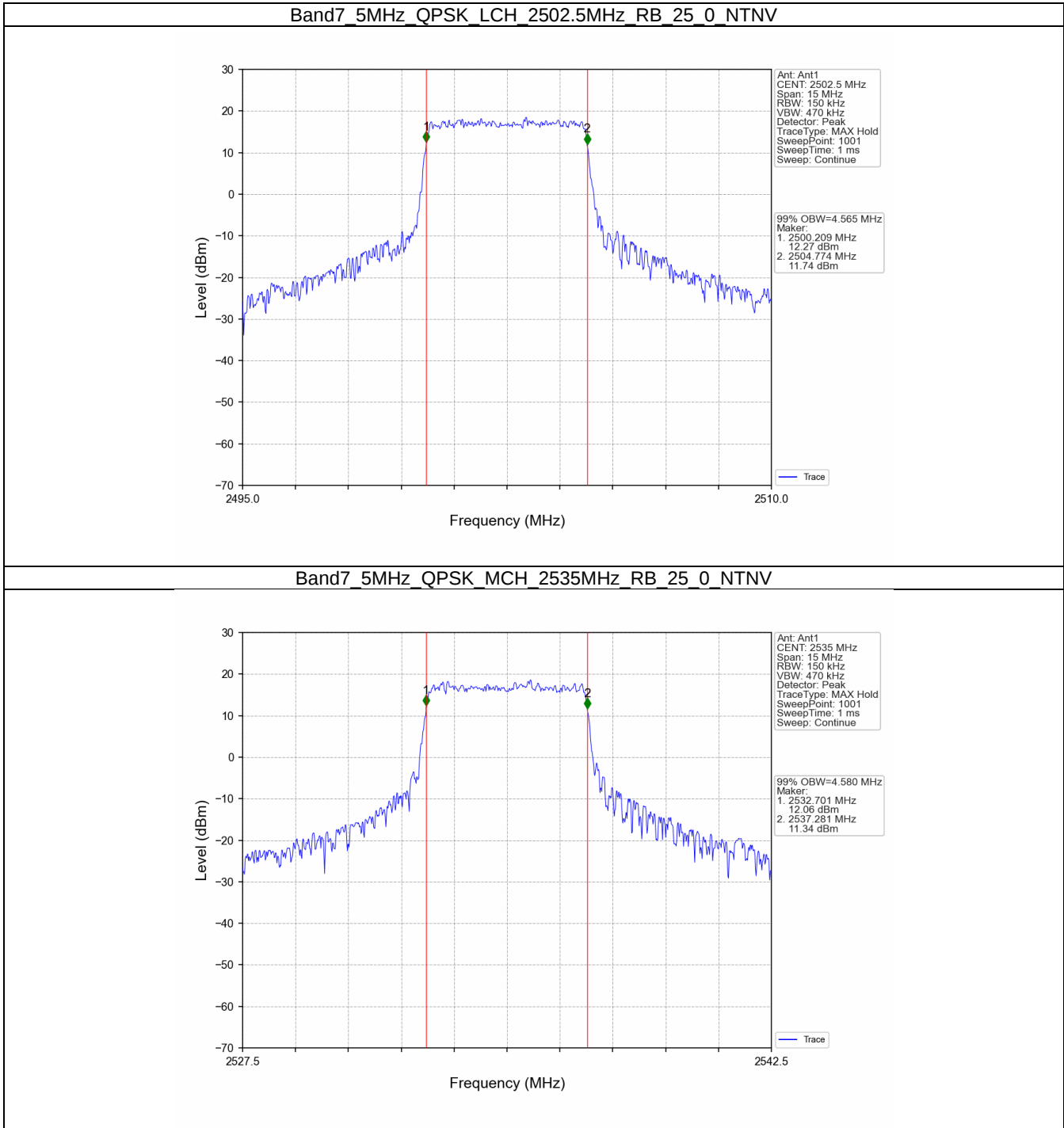
8. 99% & 26dB Bandwidth

8.1 Band7_OBW

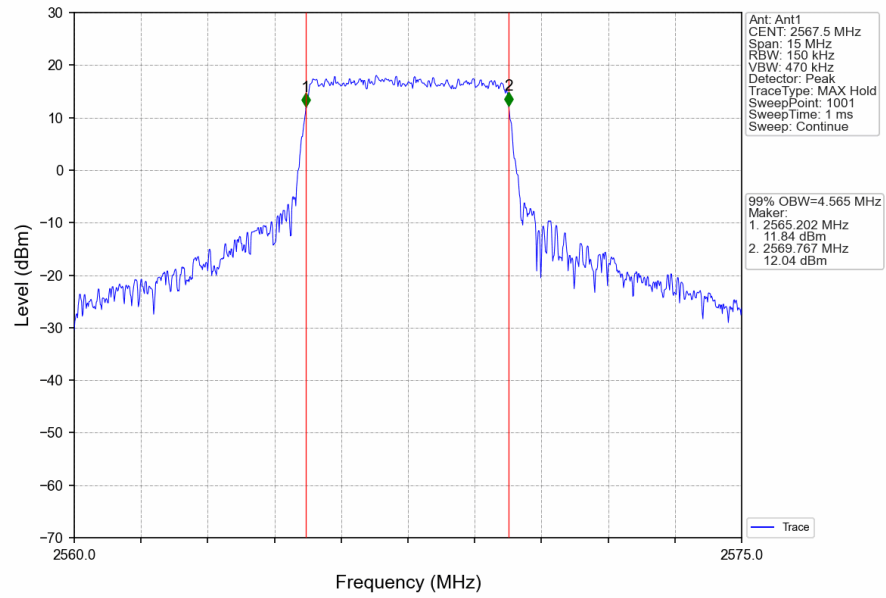
8.1.1 Test Result

Band: 7 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.565	Pass
		2535	25	0	4.580	Pass
		2567.5	25	0	4.565	Pass
	16QAM	2502.5	25	0	4.601	Pass
		2535	25	0	4.619	Pass
		2567.5	25	0	4.611	Pass
10	QPSK	2505	50	0	9.094	Pass
		2535	50	0	9.069	Pass
		2565	50	0	9.069	Pass
	16QAM	2505	50	0	9.056	Pass
		2535	50	0	9.069	Pass
		2565	50	0	9.074	Pass
15	QPSK	2507.5	75	0	13.622	Pass
		2535	75	0	13.600	Pass
		2562.5	75	0	13.629	Pass
	16QAM	2507.5	75	0	13.605	Pass
		2535	75	0	13.646	Pass
		2562.5	75	0	13.603	Pass
20	QPSK	2510	100	0	18.149	Pass
		2535	100	0	18.170	Pass
		2560	100	0	18.182	Pass
	16QAM	2510	100	0	18.188	Pass
		2535	100	0	18.177	Pass
		2560	100	0	18.124	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

