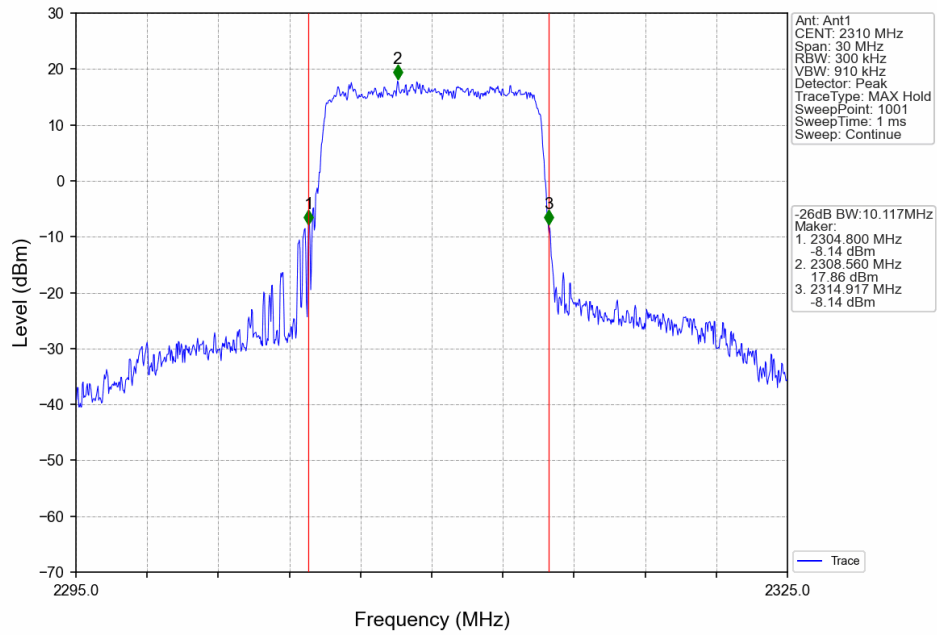
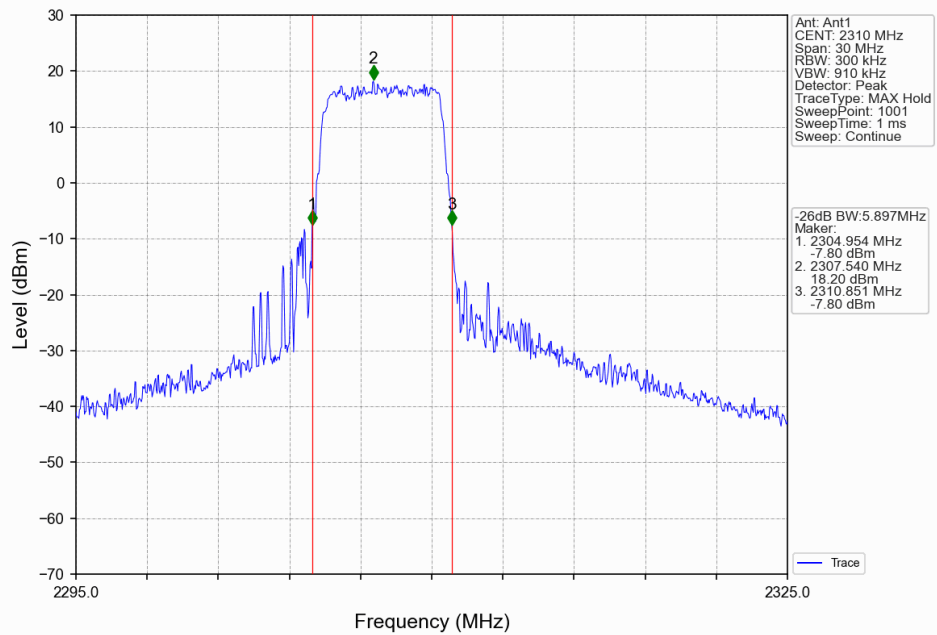


Band40a 10MHz QPSK MCH 2310MHz RB 50 0 NTN



Band40a 10MHz 16QAM MCH 2310MHz RB 27 0 NTN



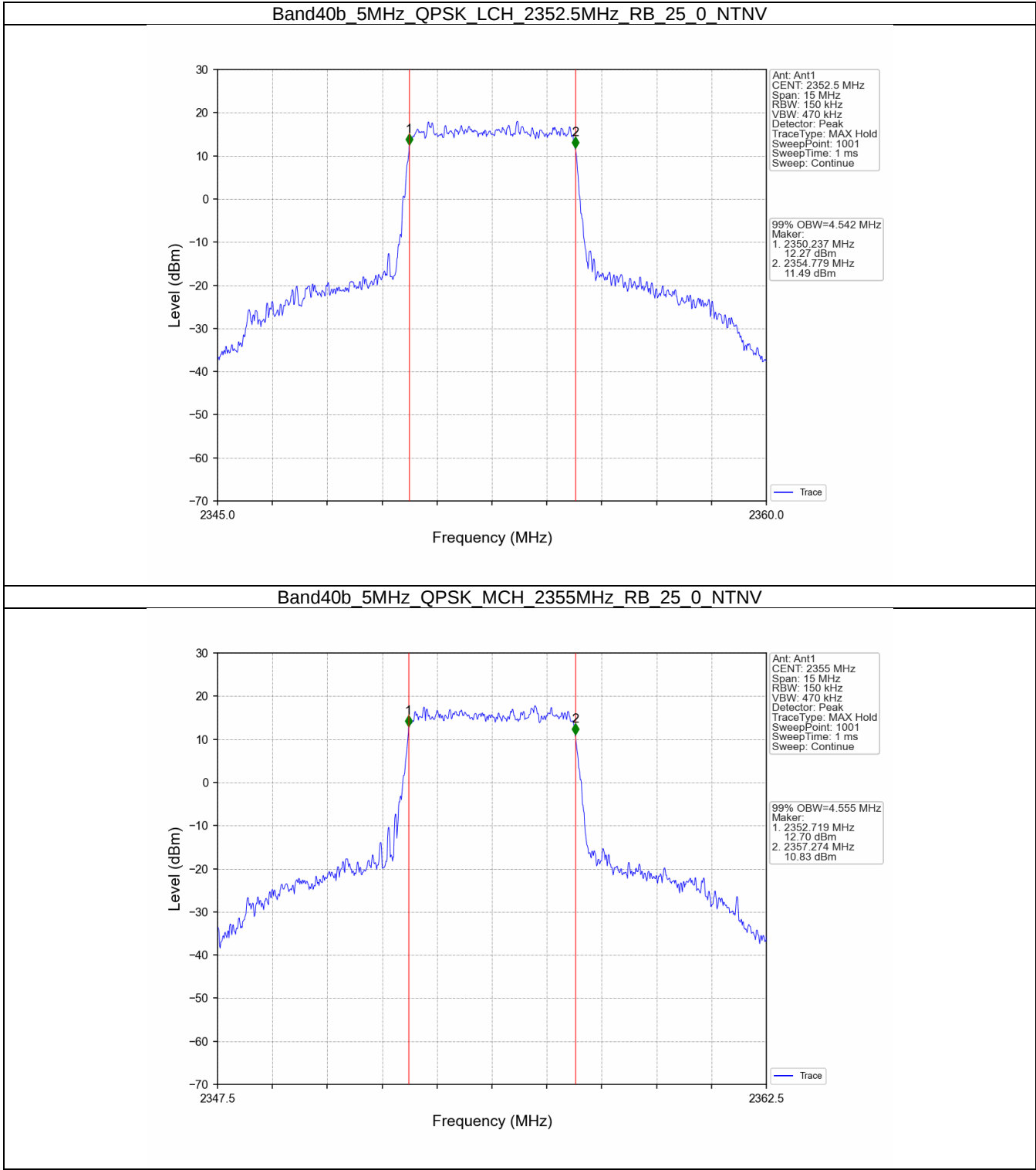
5. 99% & 26dB Bandwidth

5.1 Band40b_OBW

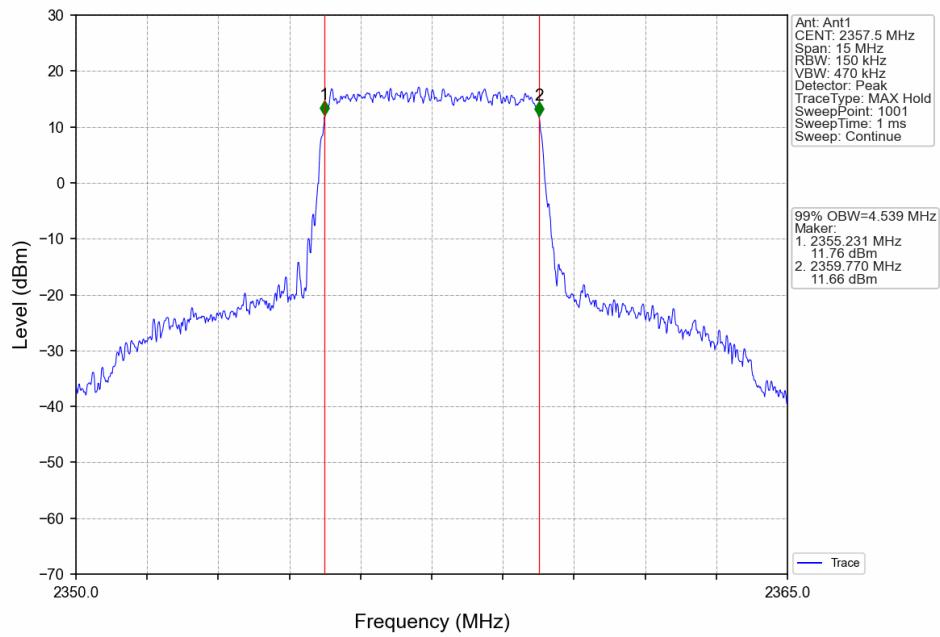
5.1.1 Test Result

Band: 40b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2352.5	25	0	4.542	Pass
		2355	25	0	4.555	Pass
		2357.5	25	0	4.539	Pass
	16QAM	2352.5	25	0	4.564	Pass
		2355	25	0	4.529	Pass
		2357.5	25	0	4.533	Pass
10	QPSK	2355	50	0	9.041	Pass
	16QAM	2355	27	0	5.023	Pass

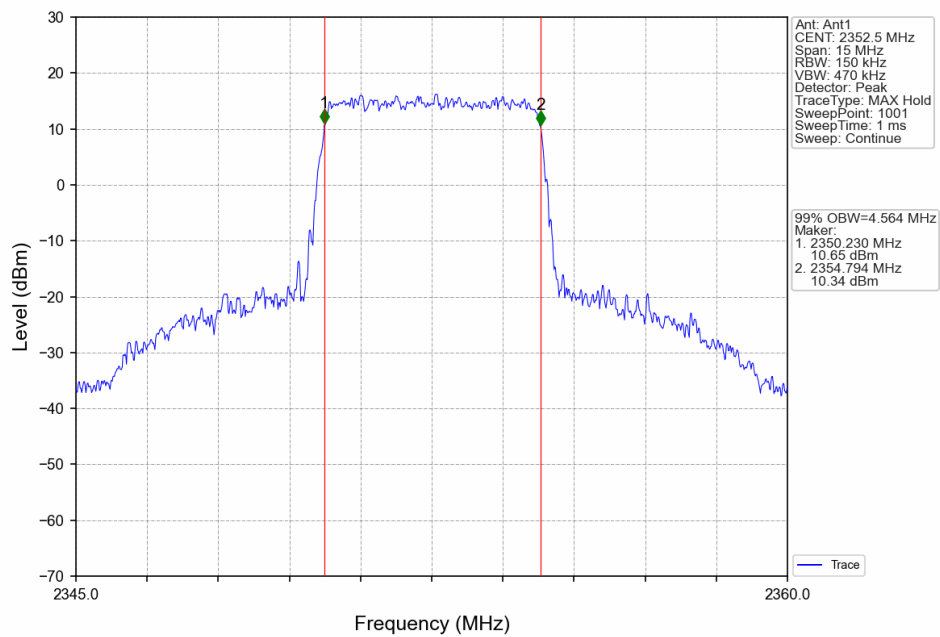
5.1.2 Test Graph



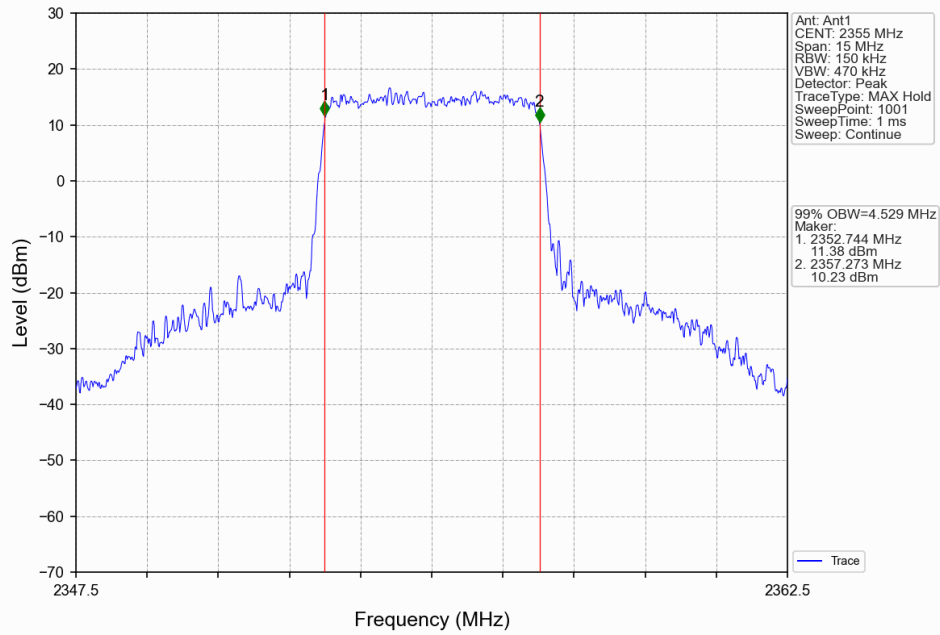
Band40b 5MHz QPSK HCH 2357.5MHz RB 25 0 NTNV



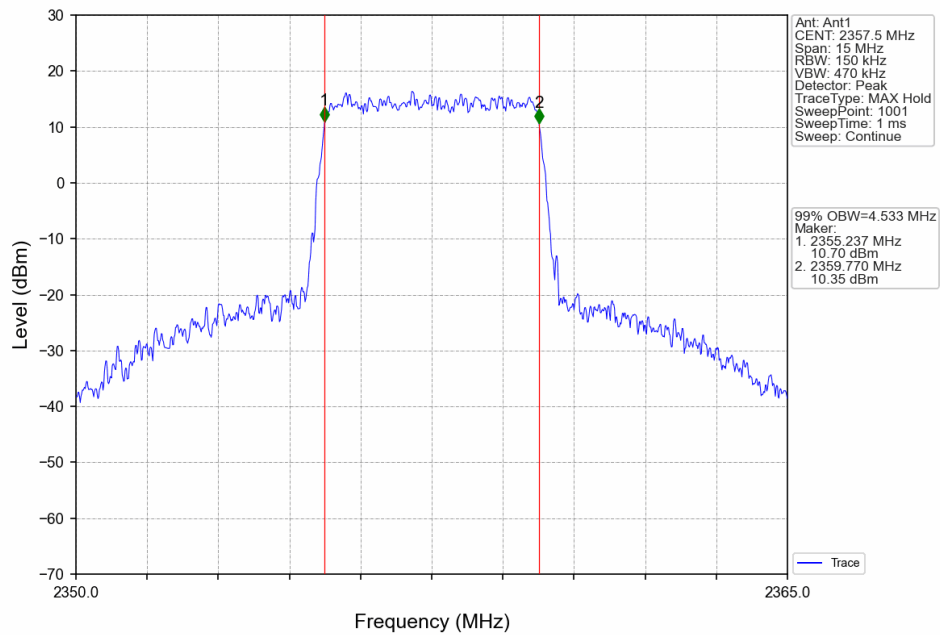
Band40b 5MHz 16QAM LCH 2352.5MHz RB 25 0 NTNV



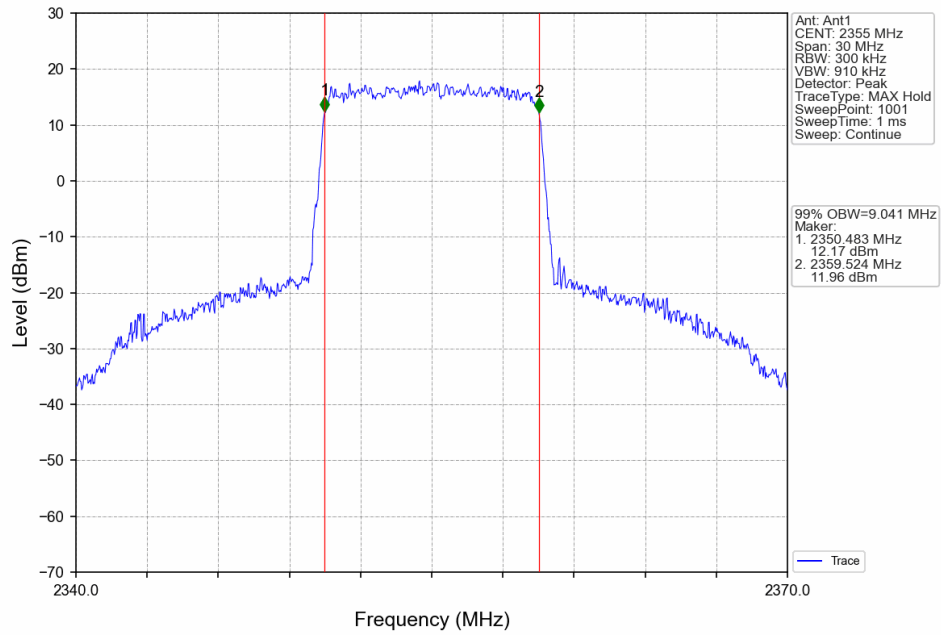
Band40b 5MHz 16QAM MCH 2355MHz RB 25 0 NTNV



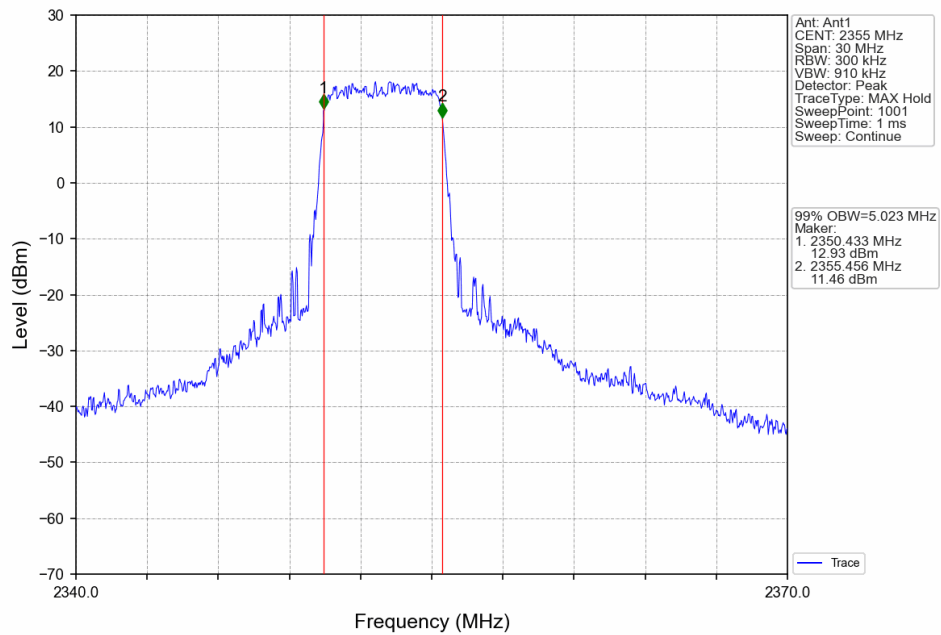
Band40b 5MHz 16QAM HCH 2357.5MHz RB 25 0 NTNV



Band40b 10MHz QPSK MCH 2355MHz RB 50 0 NTNV



Band40b 10MHz 16QAM MCH 2355MHz RB 27 0 NTNV

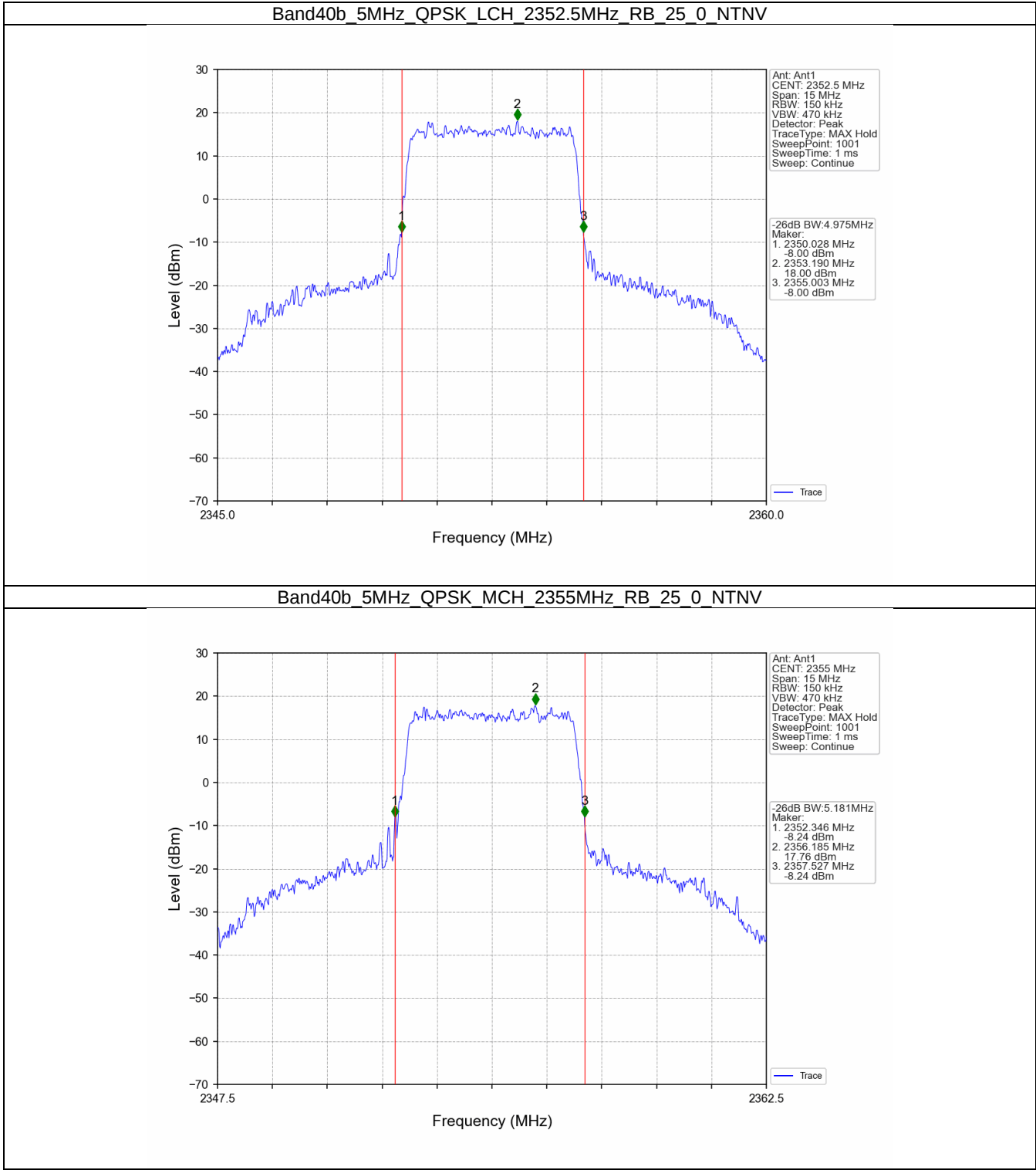


5.2 Band40b_XDB

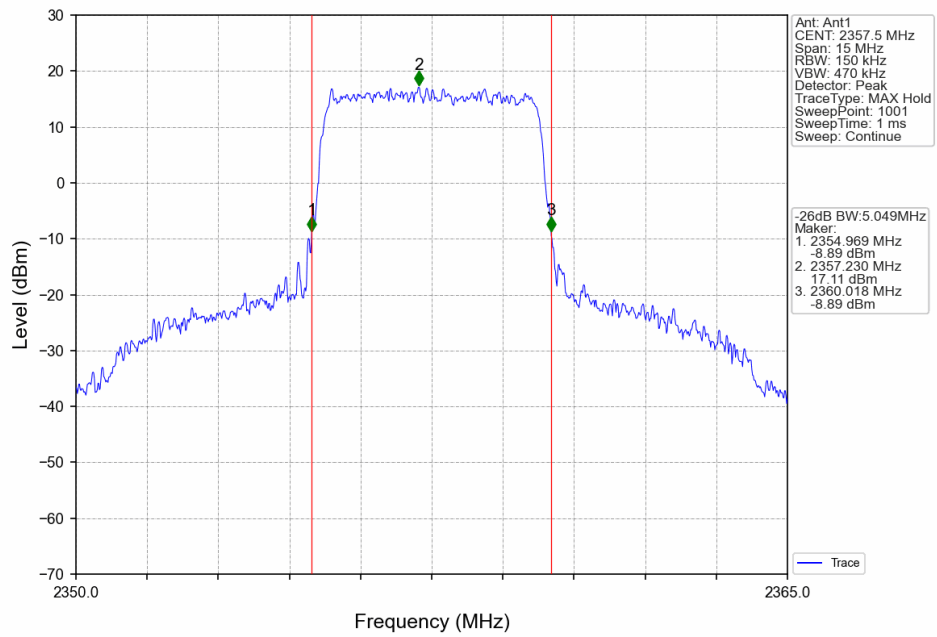
5.2.1 Test Result

Band: 40b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2352.5	25	0	4.975	Pass
		2355	25	0	5.181	Pass
		2357.5	25	0	5.049	Pass
	16QAM	2352.5	25	0	5.138	Pass
		2355	25	0	4.979	Pass
		2357.5	25	0	5.041	Pass
10	QPSK	2355	50	0	9.918	Pass
	16QAM	2355	27	0	5.788	Pass

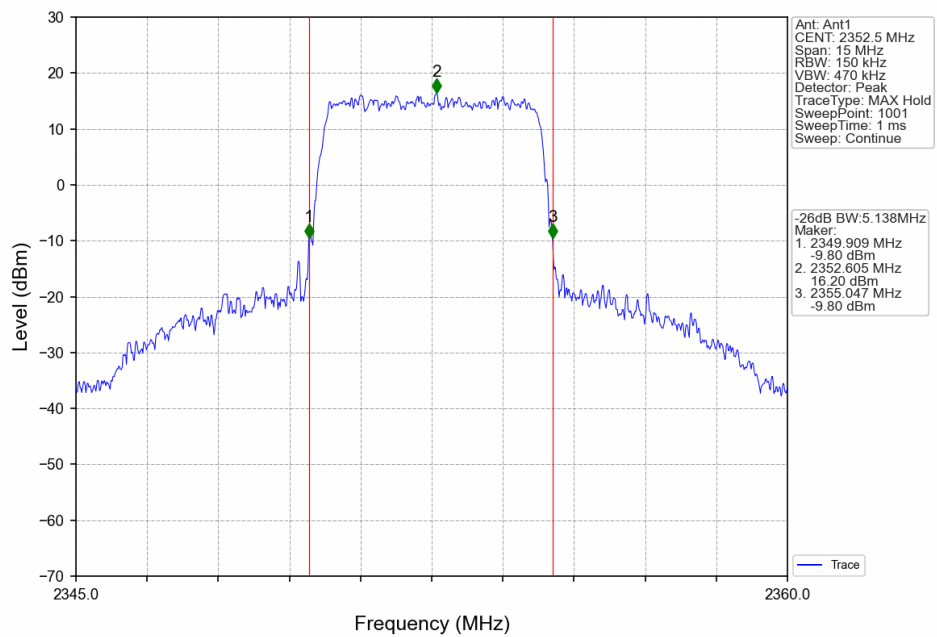
5.2.2 Test Graph



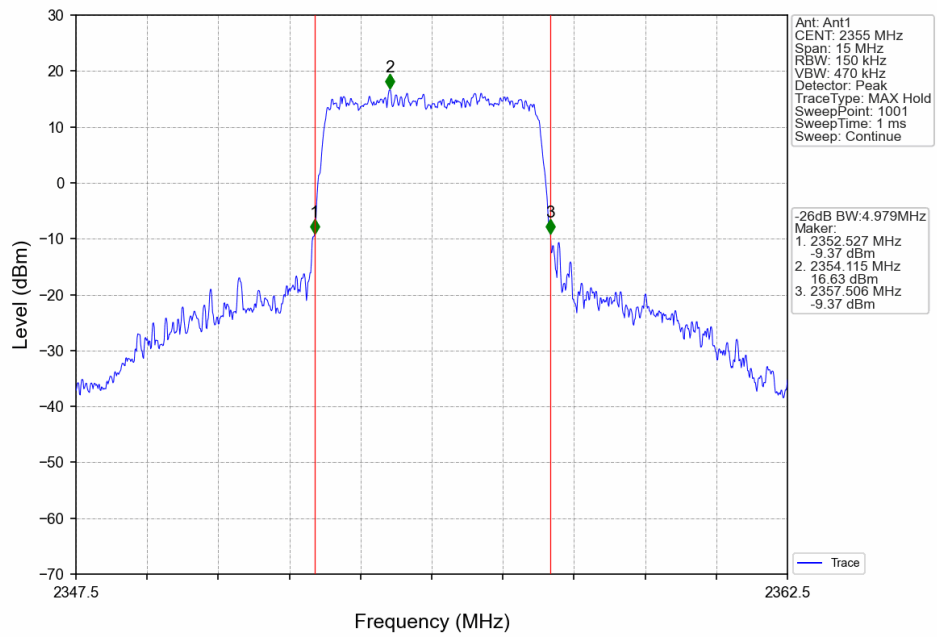
Band40b 5MHz QPSK HCH 2357.5MHz RB 25 0 NTN



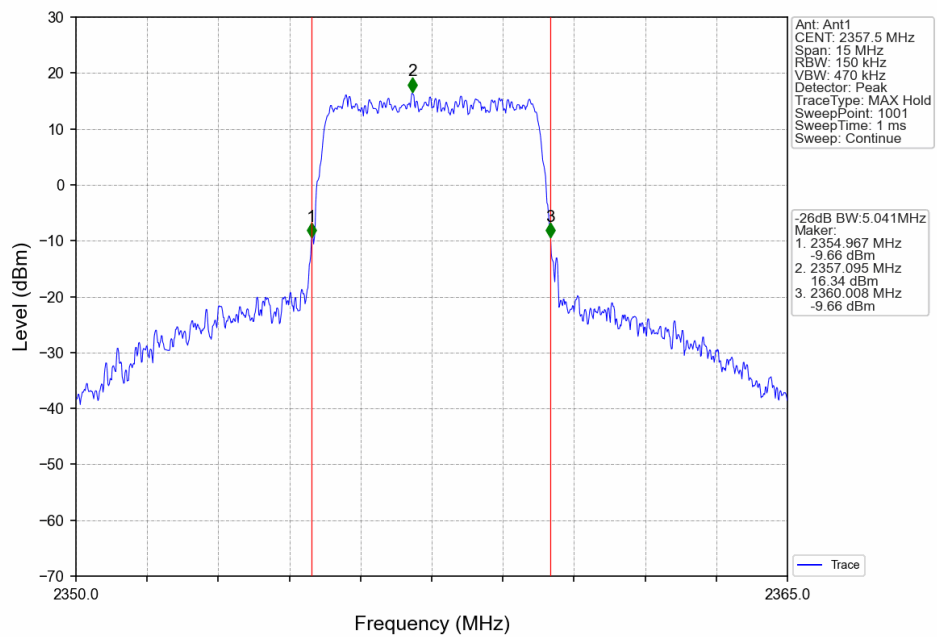
Band40b 5MHz 16QAM LCH 2352.5MHz RB 25 0 NTN



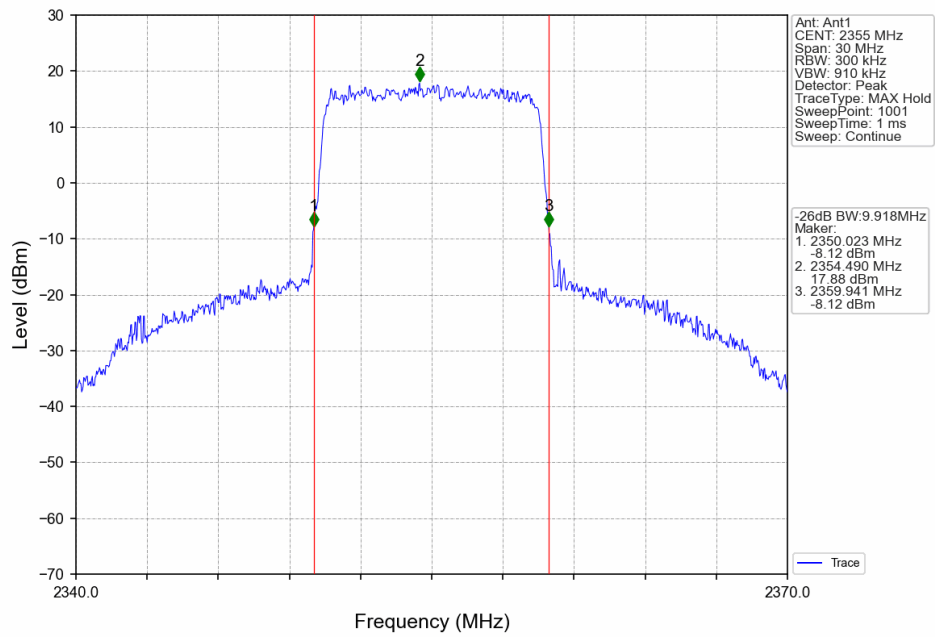
Band40b 5MHz 16QAM MCH 2355MHz RB 25 0 NTNV



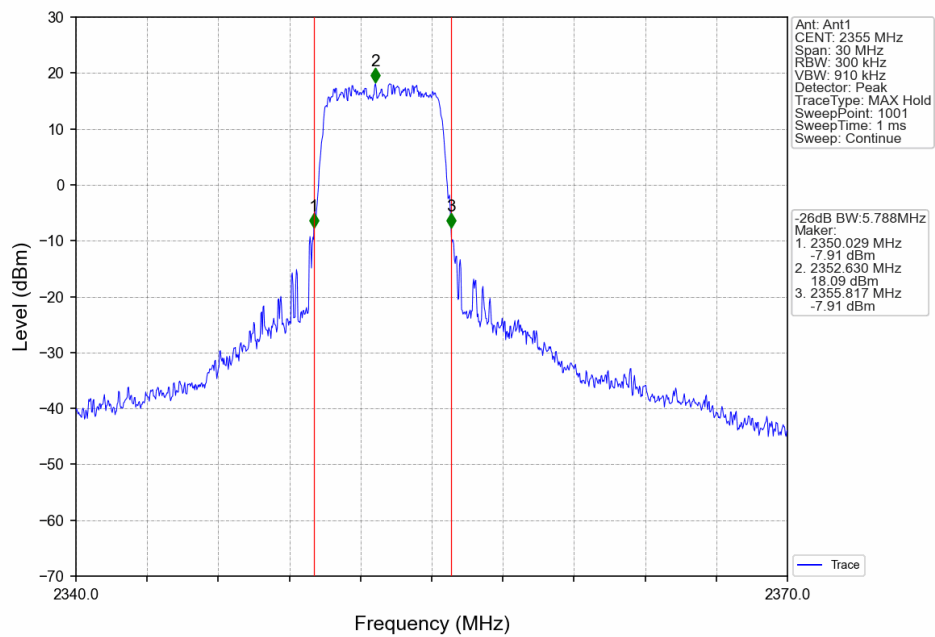
Band40b 5MHz 16QAM HCH 2357.5MHz RB 25 0 NTNV



Band40b 10MHz QPSK MCH 2355MHz RB 50 0 NTNV



Band40b 10MHz 16QAM MCH 2355MHz RB 27 0 NTNV



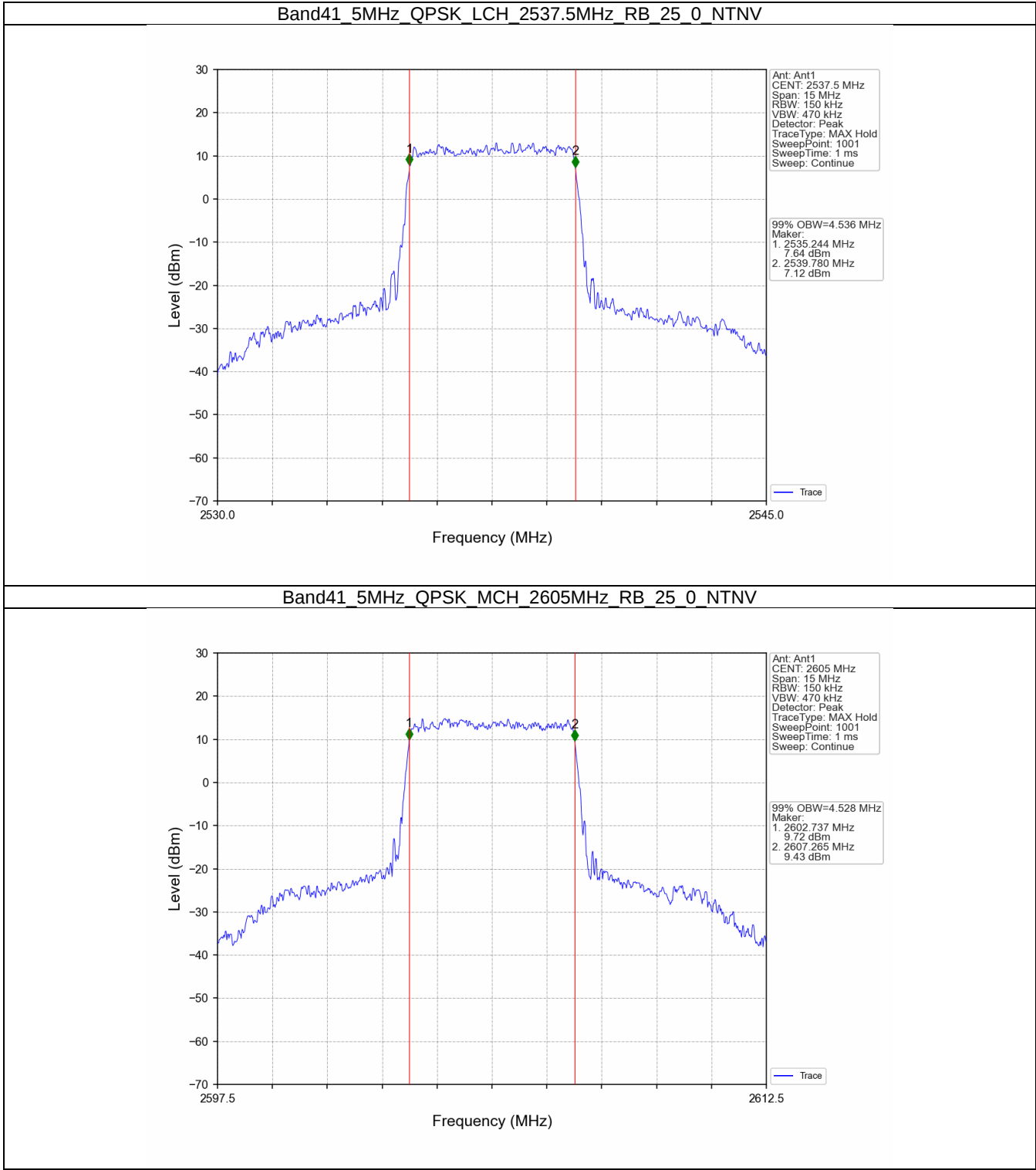
6. 99% & 26dB Bandwidth

6.1 Band41_OBW

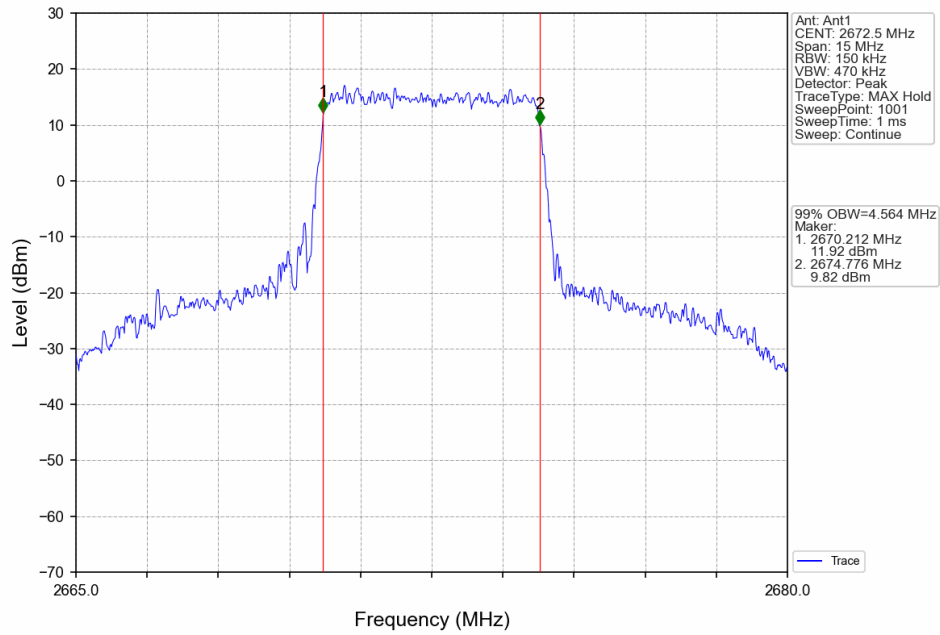
6.1.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2537.5	25	0	4.536	Pass
		2605	25	0	4.528	Pass
		2672.5	25	0	4.564	Pass
	16QAM	2537.5	25	0	4.561	Pass
		2605	25	0	4.526	Pass
		2672.5	25	0	4.541	Pass
10	QPSK	2540	50	0	9.020	Pass
		2605	50	0	9.049	Pass
		2670	50	0	9.044	Pass
	16QAM	2540	27	0	5.045	Pass
		2605	27	0	5.028	Pass
		2670	27	23	5.087	Pass
15	QPSK	2542.5	75	0	13.514	Pass
		2605	75	0	13.547	Pass
		2667.5	75	0	13.583	Pass
	16QAM	2542.5	27	0	5.227	Pass
		2605	27	0	5.239	Pass
		2667.5	27	48	5.299	Pass
20	QPSK	2545	100	0	17.966	Pass
		2605	100	0	18.022	Pass
		2665	100	0	18.018	Pass
	16QAM	2545	27	0	5.428	Pass
		2605	27	0	5.417	Pass
		2665	27	73	5.417	Pass

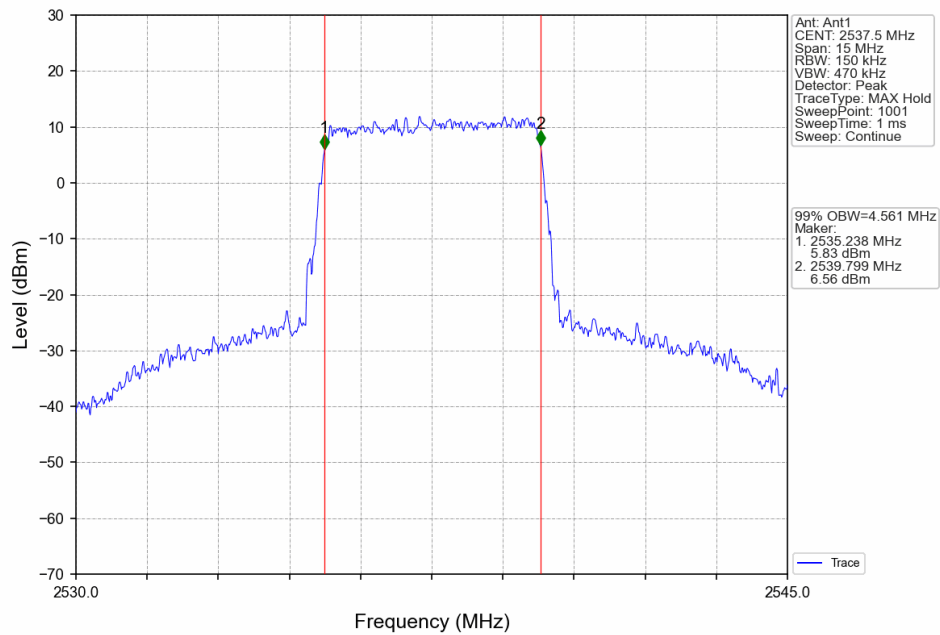
6.1.2 Test Graph



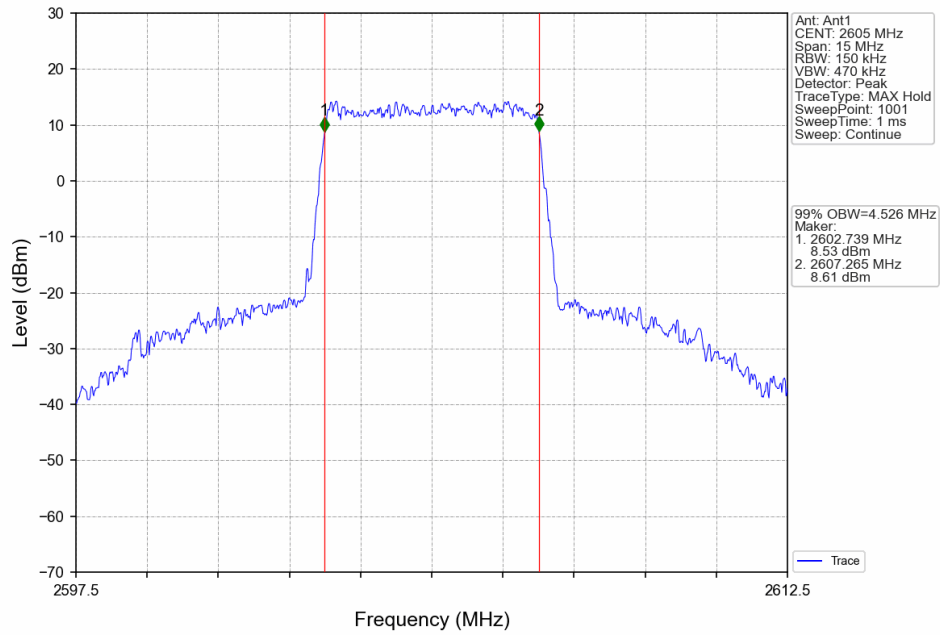
Band41 5MHz QPSK HCH 2672.5MHz RB 25 0 NTNV



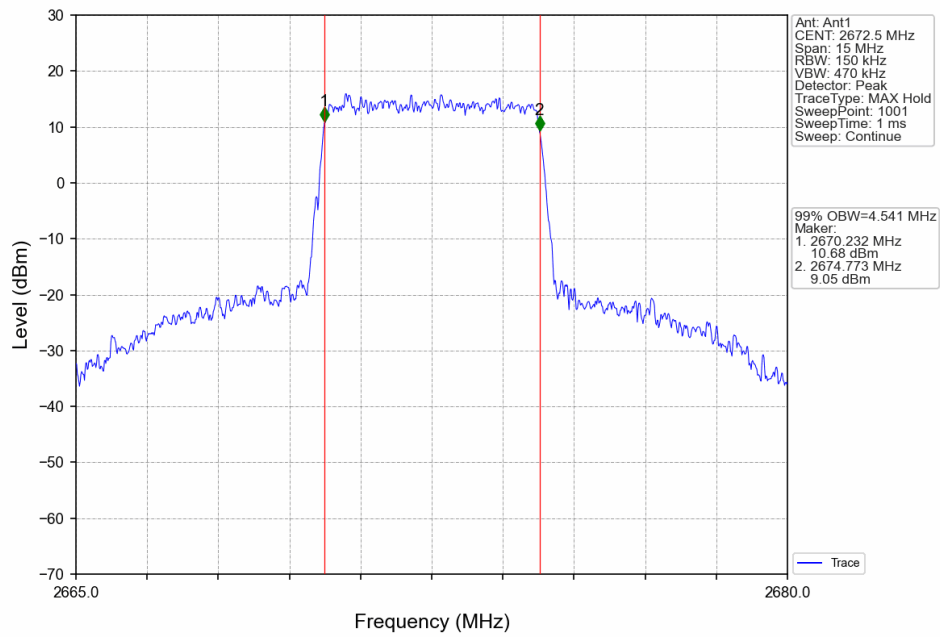
Band41 5MHz 16QAM LCH 2537.5MHz RB 25 0 NTNV



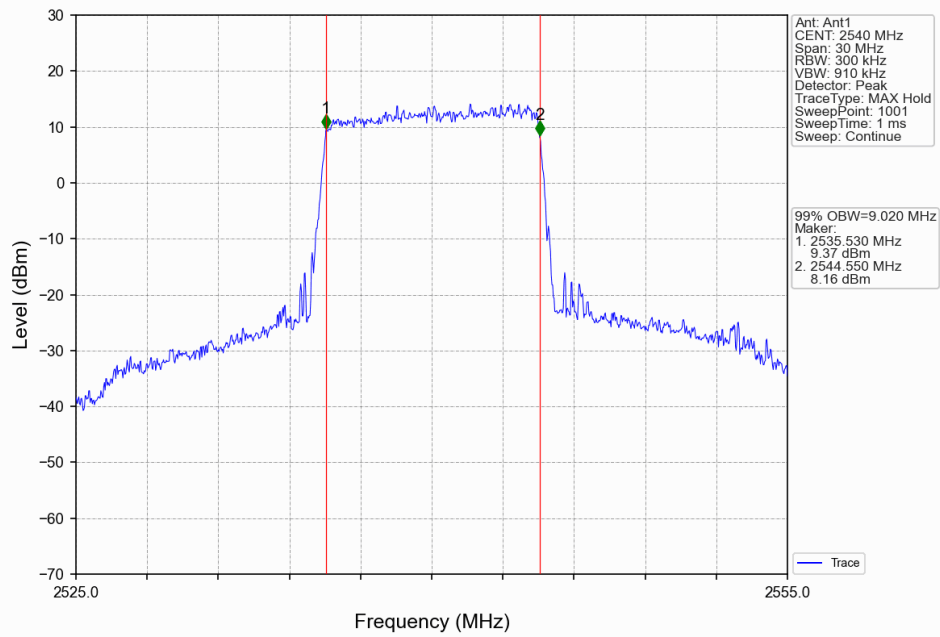
Band41 5MHz 16QAM MCH 2605MHz RB 25 0 NTNV



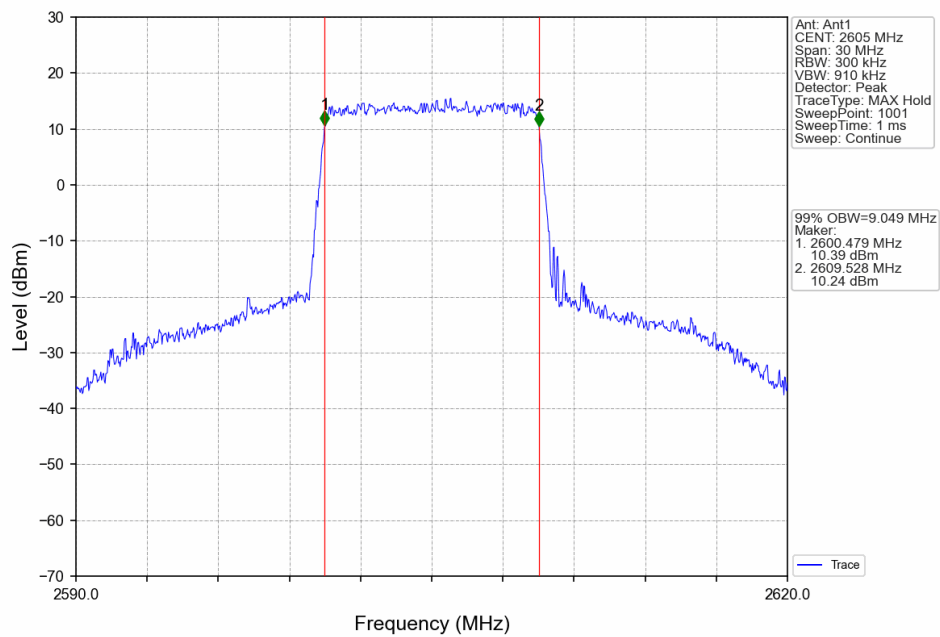
Band41 5MHz 16QAM HCH 2672.5MHz RB 25 0 NTNV



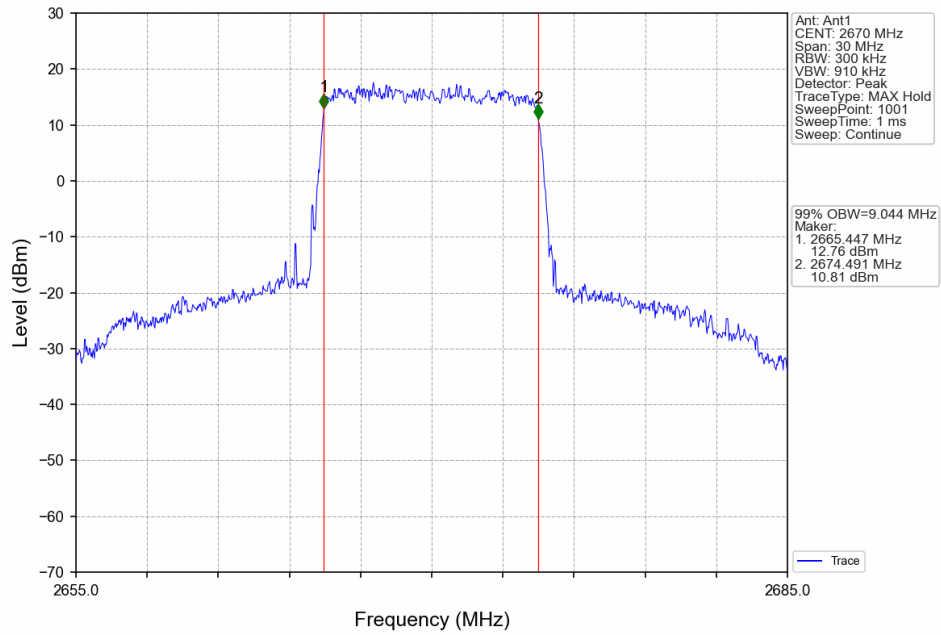
Band41 10MHz QPSK LCH 2540MHz RB 50 0 NTNV



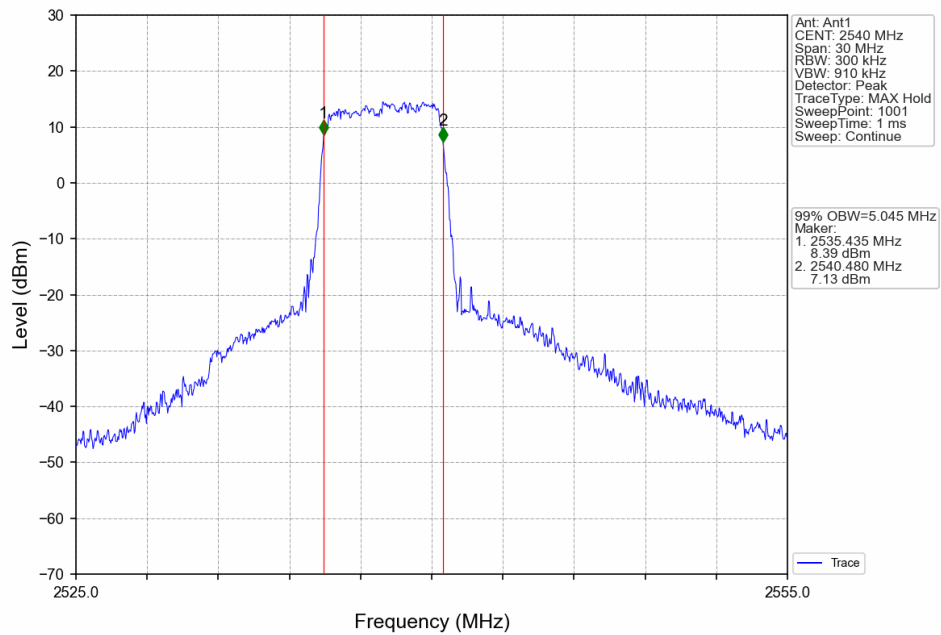
Band41 10MHz QPSK MCH 2605MHz RB 50 0 NTNV



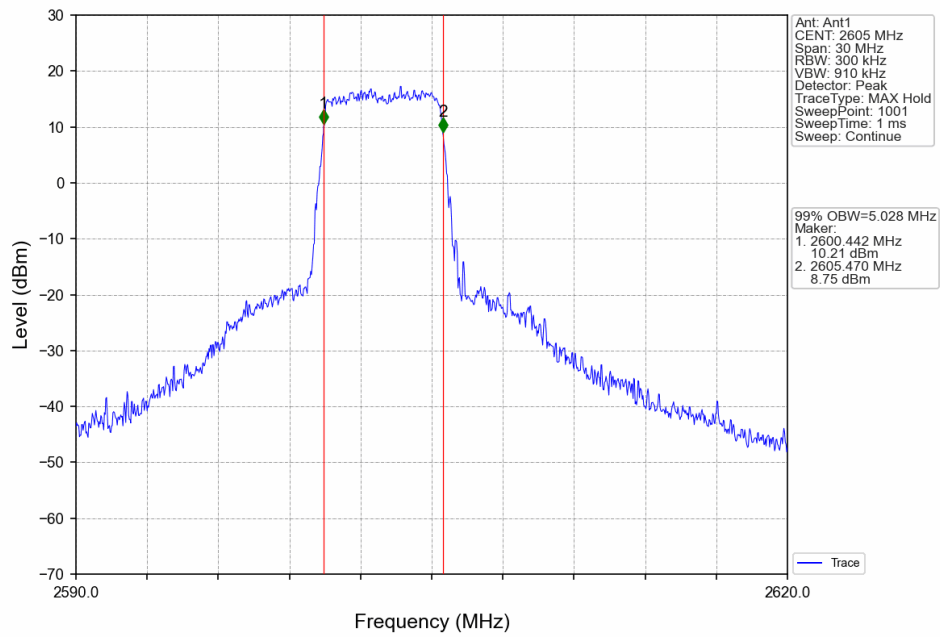
Band41 10MHz QPSK HCH 2670MHz RB 50 0 NTNV



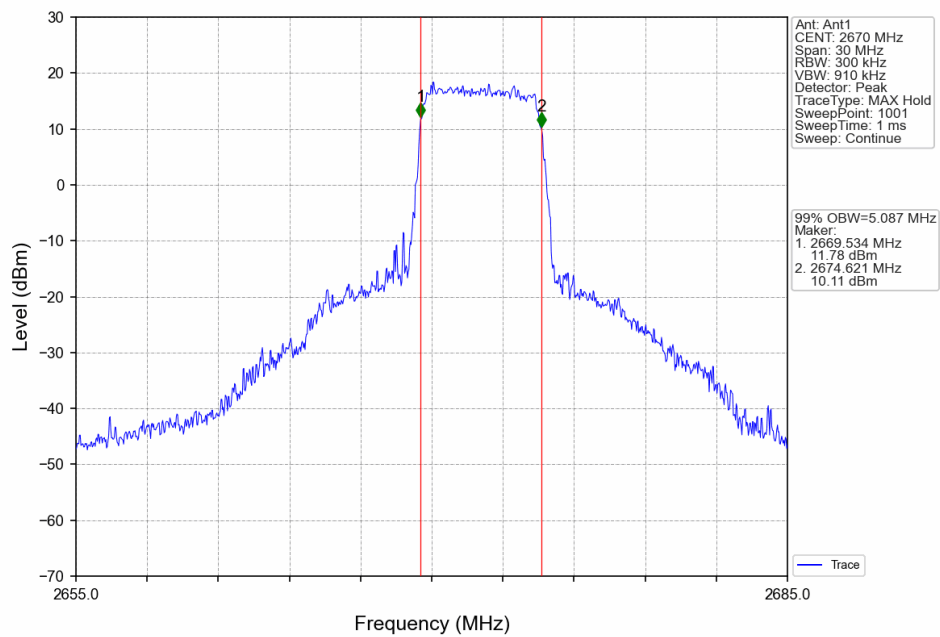
Band41 10MHz 16QAM LCH 2540MHz RB 27 0 NTNV



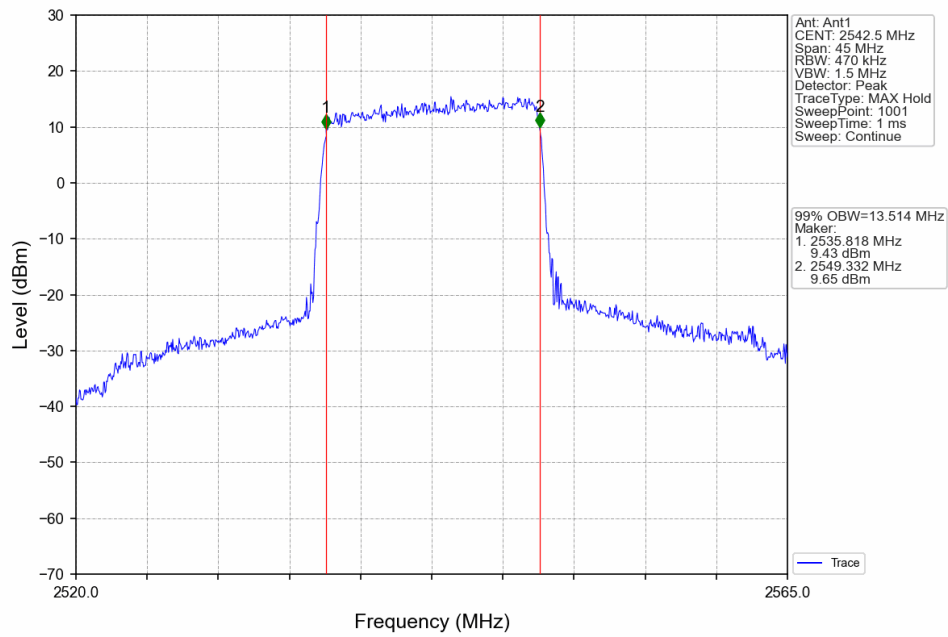
Band41 10MHz 16QAM MCH 2605MHz RB 27 0 NTN



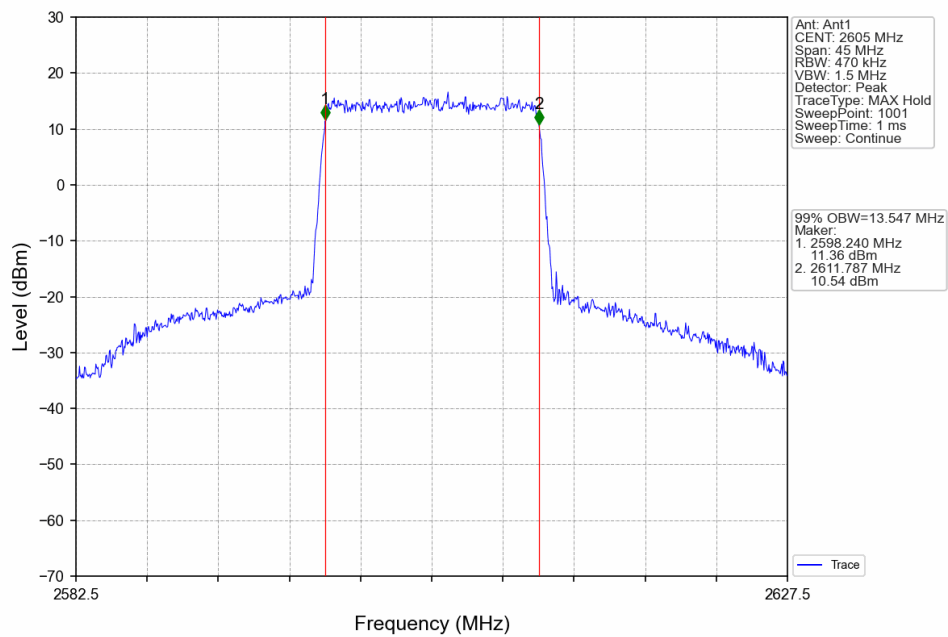
Band41 10MHz 16QAM HCH 2670MHz RB 27 23 NTN



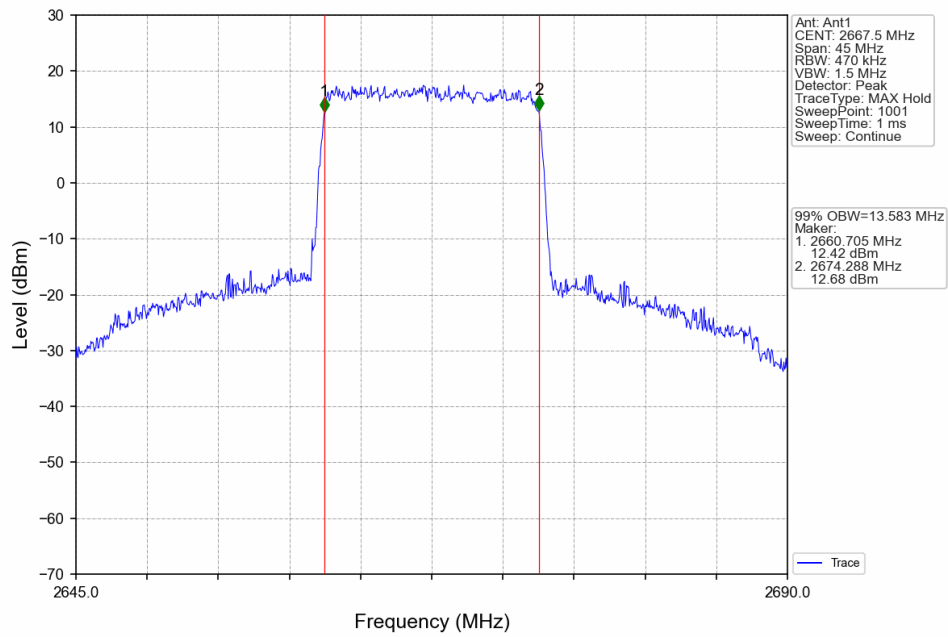
Band41 15MHz QPSK LCH 2542.5MHz RB 75 0 NTN



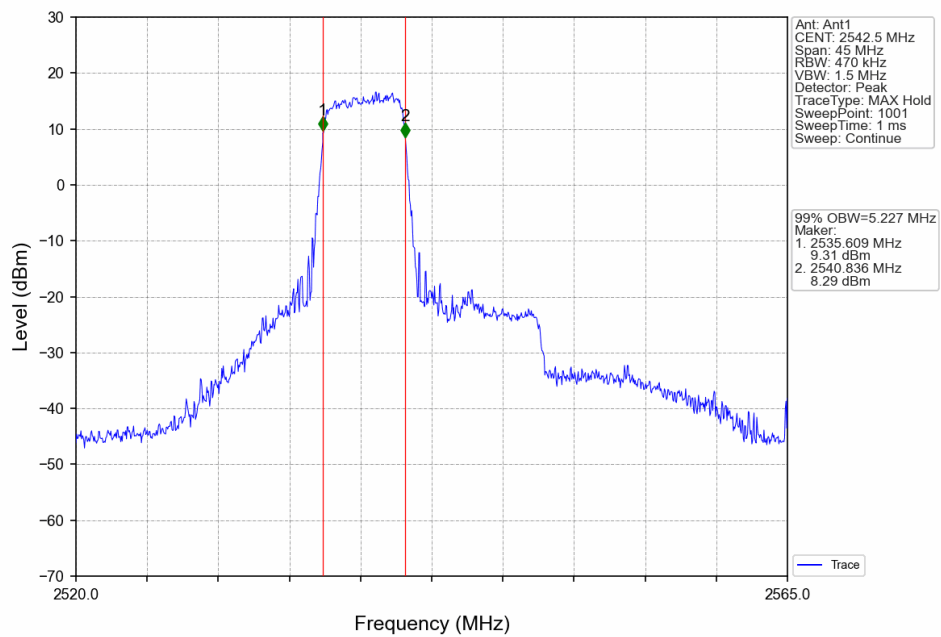
Band41 15MHz QPSK MCH 2605MHz RB 75 0 NTN



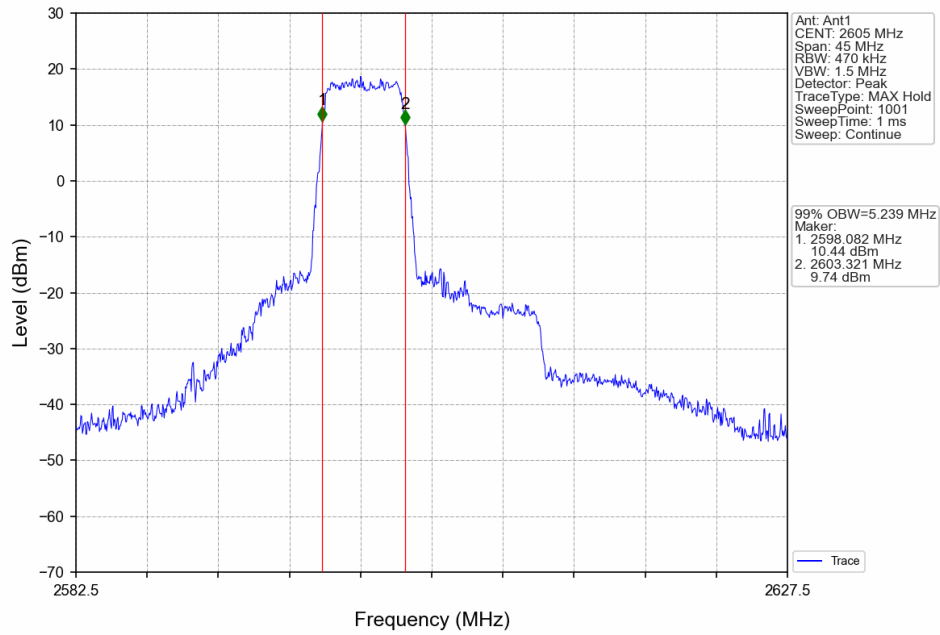
Band41 15MHz QPSK HCH 2667.5MHz RB 75 0 NTNV



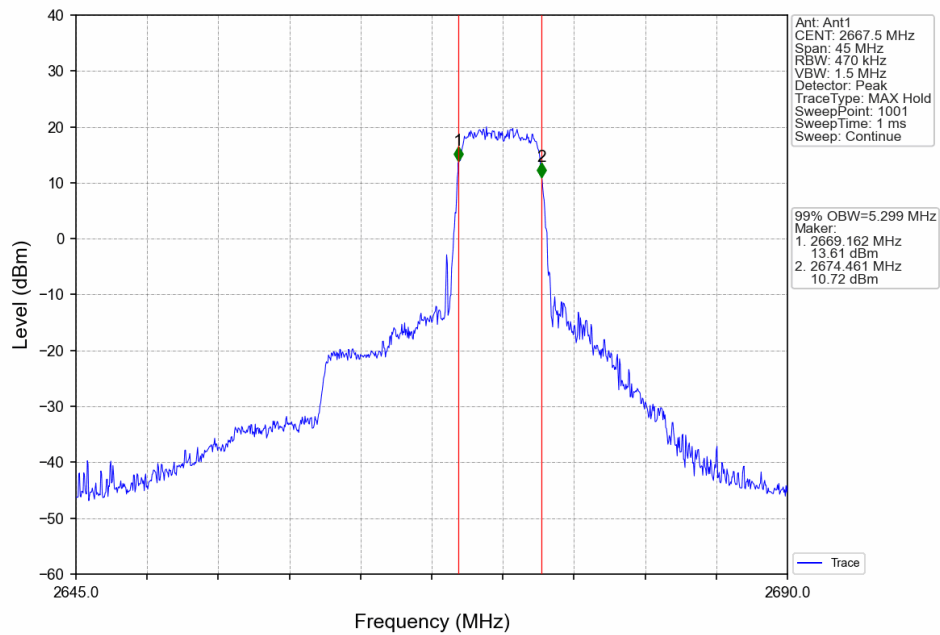
Band41 15MHz 16QAM LCH 2542.5MHz RB 27 0 NTNV



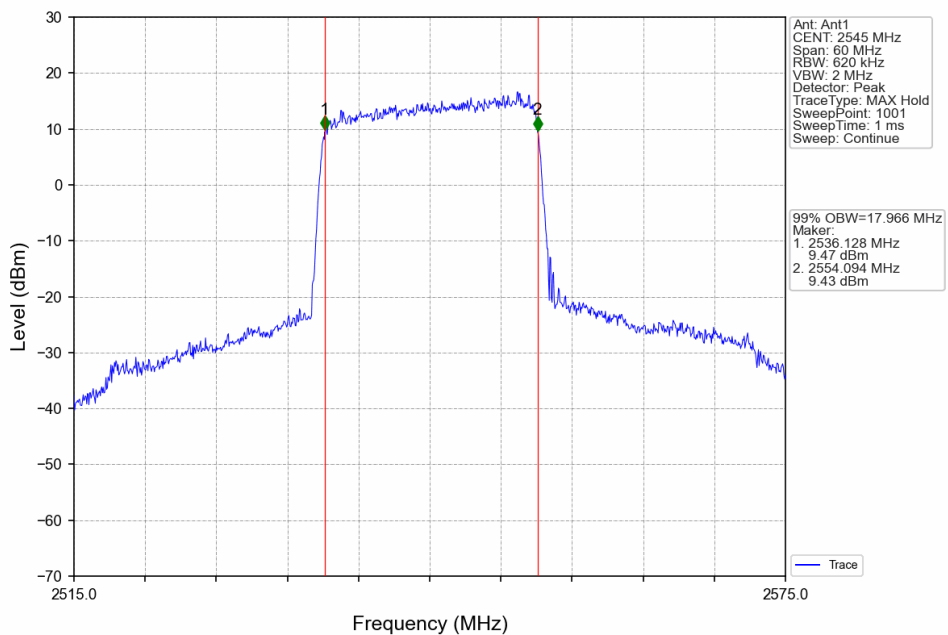
Band41 15MHz 16QAM MCH 2605MHz RB 27 0 NTNV



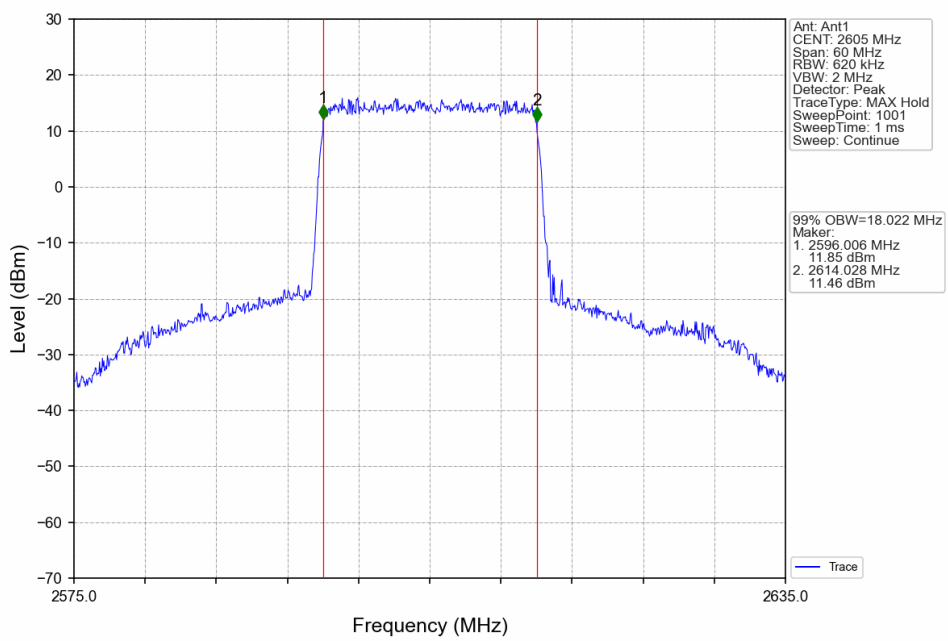
Band41 15MHz 16QAM HCH 2667.5MHz RB 27 48 NTNV



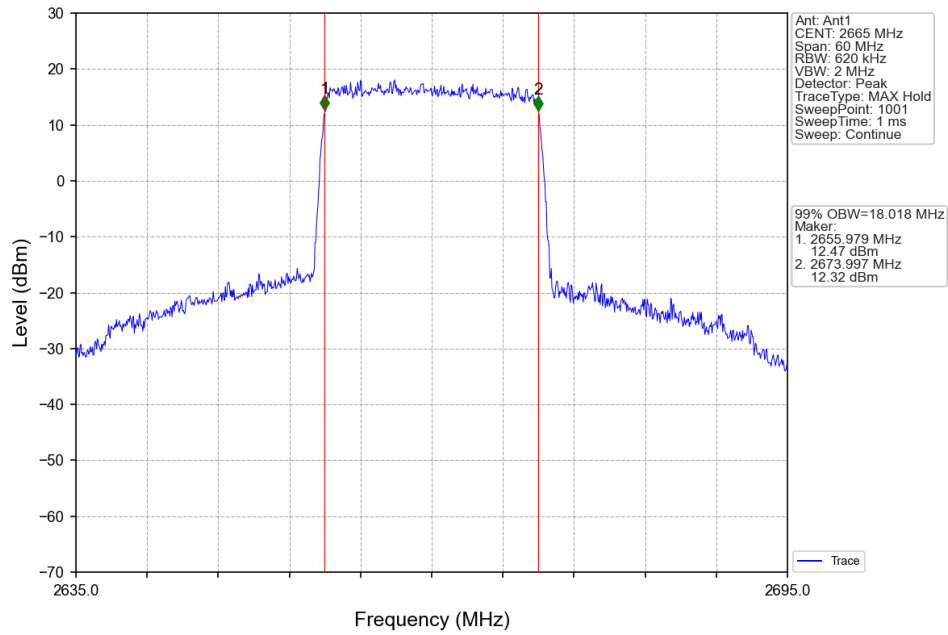
Band41 20MHz QPSK LCH 2545MHz RB 100 0 NTNV



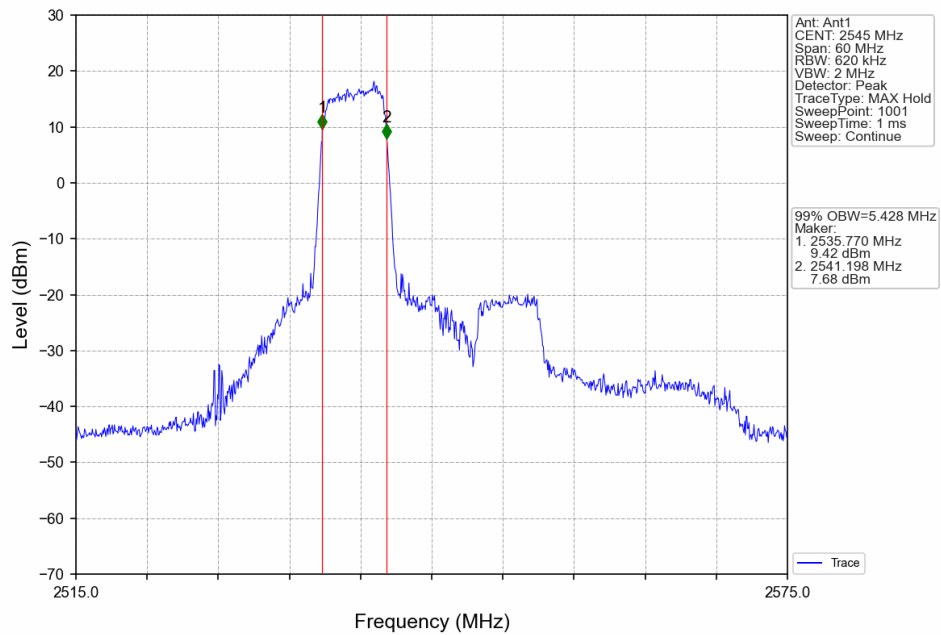
Band41 20MHz QPSK MCH 2605MHz RB 100 0 NTNV



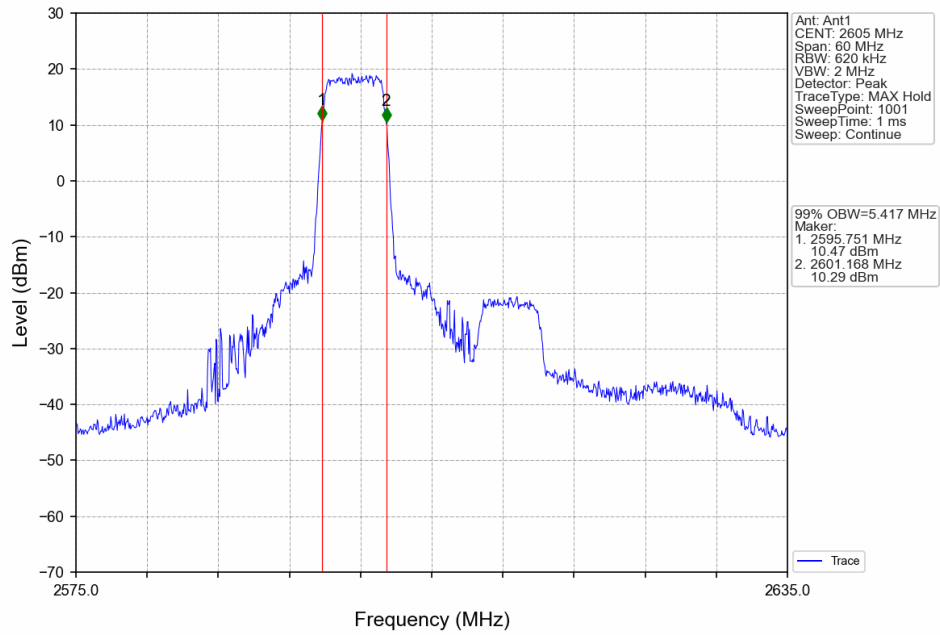
Band41 20MHz QPSK HCH 2665MHz RB 100 0 NTNV



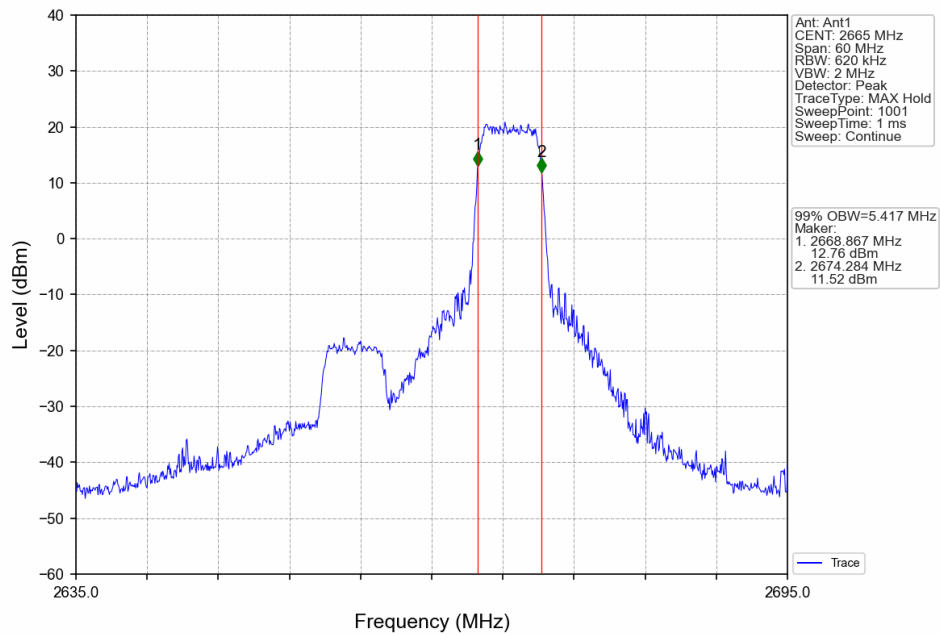
Band41 20MHz 16QAM LCH 2545MHz RB 27 0 NTNV



Band41 20MHz 16QAM MCH 2605MHz RB 27 0 NTNV



Band41 20MHz 16QAM HCH 2665MHz RB 27 73 NTNV

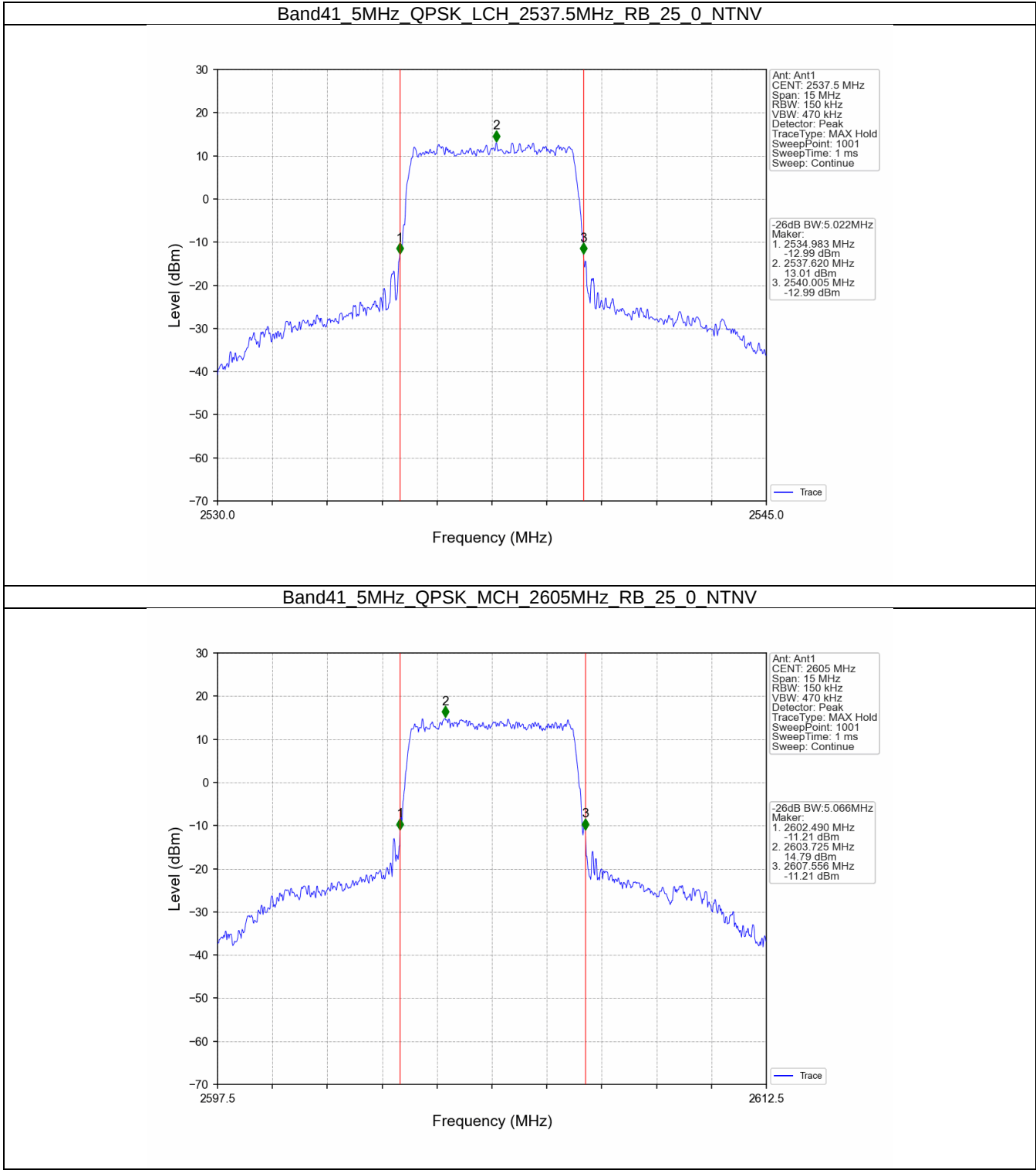


6.2 Band41_XDB

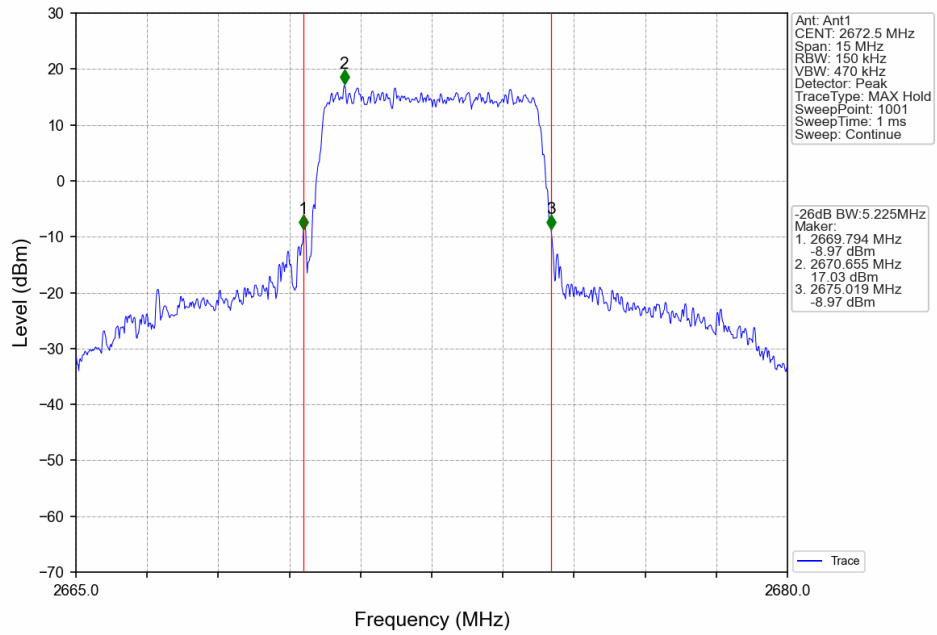
6.2.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2537.5	25	0	5.022	Pass
		2605	25	0	5.066	Pass
		2672.5	25	0	5.225	Pass
	16QAM	2537.5	25	0	5.118	Pass
		2605	25	0	5.048	Pass
		2672.5	25	0	5.029	Pass
10	QPSK	2540	50	0	9.922	Pass
		2605	50	0	9.944	Pass
		2670	50	0	9.997	Pass
	16QAM	2540	27	0	5.810	Pass
		2605	27	0	5.800	Pass
		2670	27	23	5.842	Pass
15	QPSK	2542.5	75	0	14.731	Pass
		2605	75	0	14.724	Pass
		2667.5	75	0	14.659	Pass
	16QAM	2542.5	27	0	6.190	Pass
		2605	27	0	6.261	Pass
		2667.5	27	48	6.517	Pass
20	QPSK	2545	100	0	19.442	Pass
		2605	100	0	19.495	Pass
		2665	100	0	19.428	Pass
	16QAM	2545	27	0	6.349	Pass
		2605	27	0	6.448	Pass
		2665	27	73	6.416	Pass

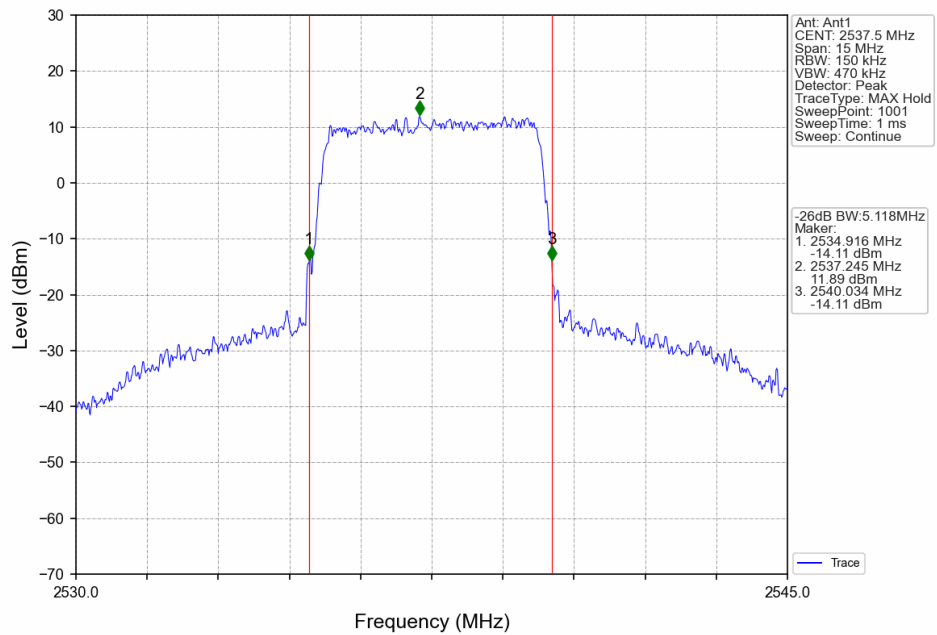
6.2.2 Test Graph



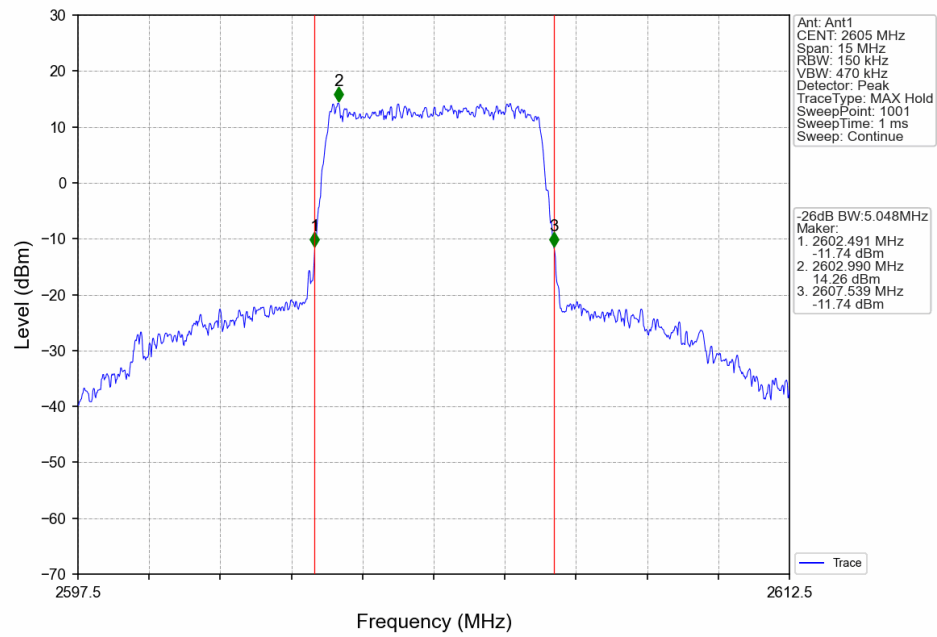
Band41 5MHz QPSK HCH 2672.5MHz RB 25 0 NTNV



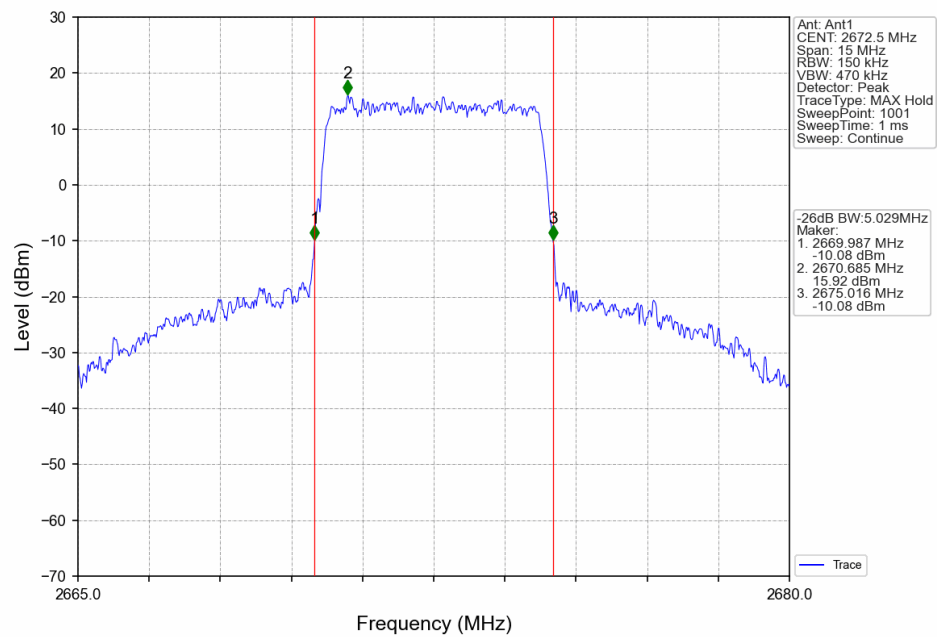
Band41 5MHz 16QAM LCH 2537.5MHz RB 25 0 NTNV



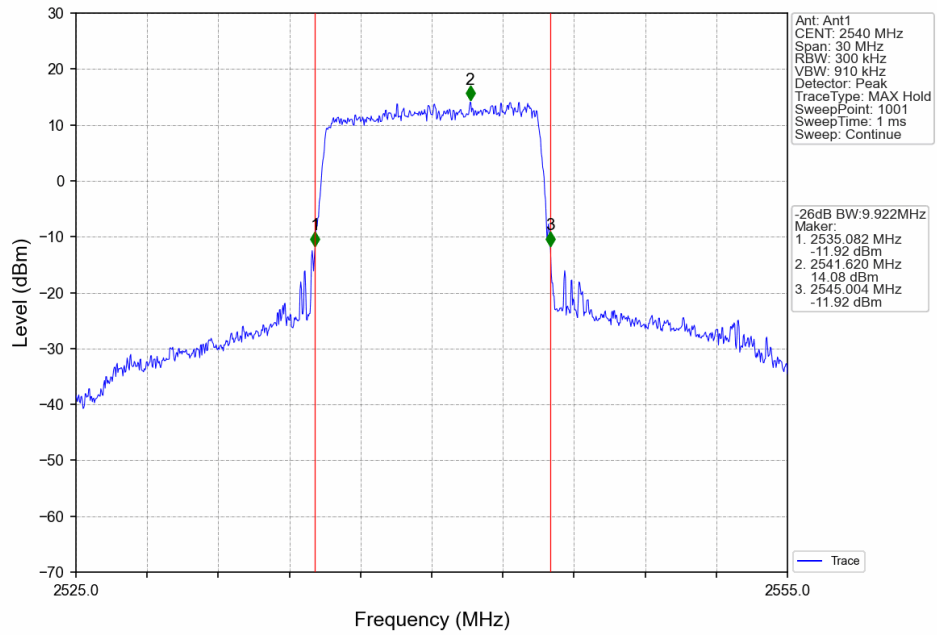
Band41 5MHz 16QAM MCH 2605MHz RB 25 0 NTNV



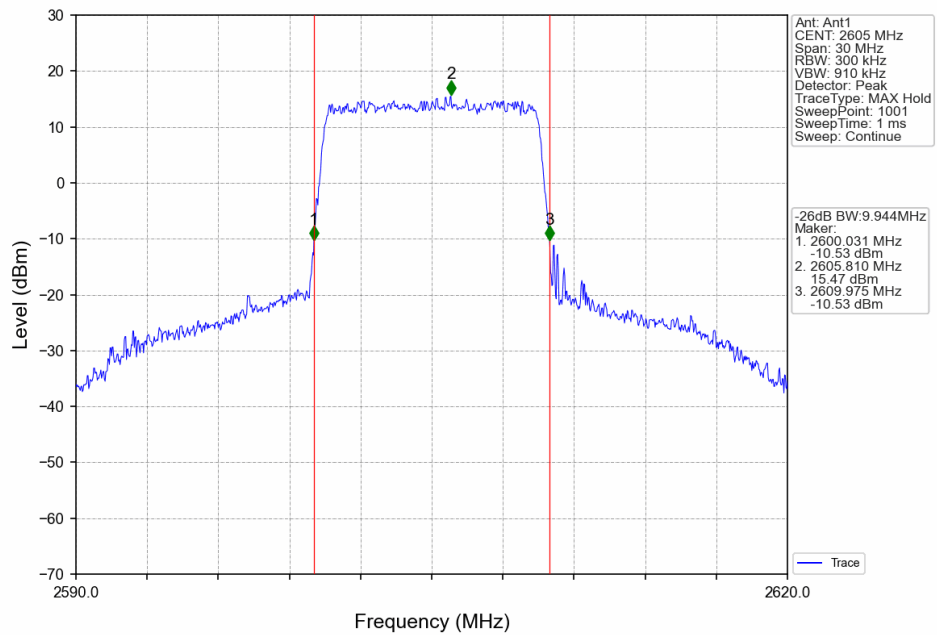
Band41 5MHz 16QAM HCH 2672.5MHz RB 25 0 NTNV



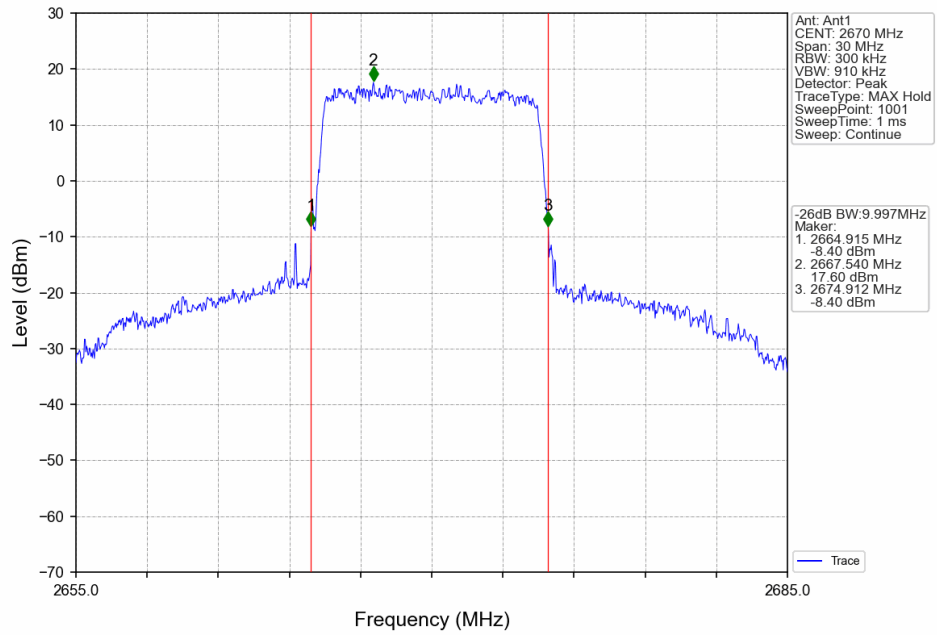
Band41 10MHz QPSK LCH 2540MHz RB 50 0 NTNV



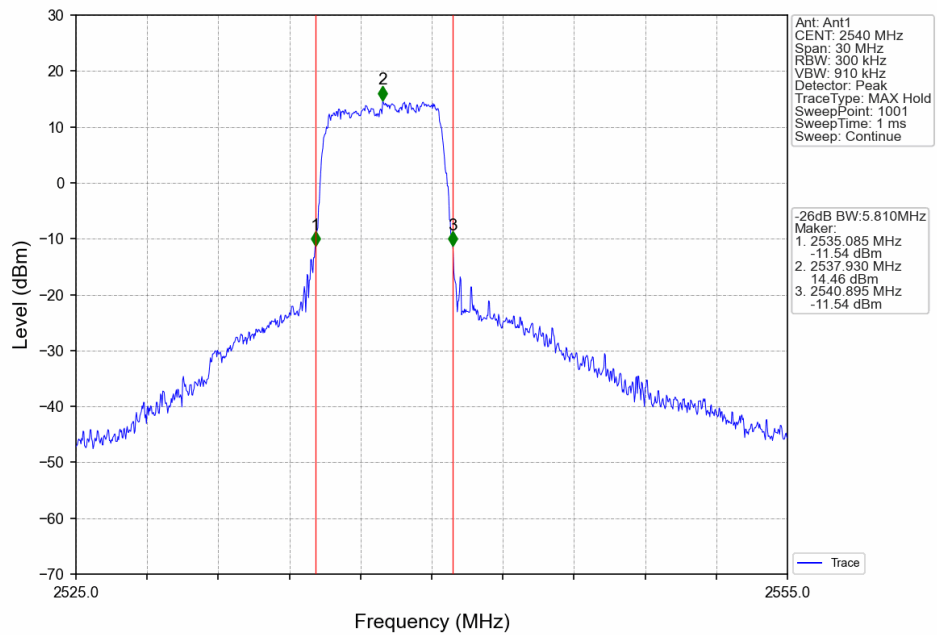
Band41 10MHz QPSK MCH 2605MHz RB 50 0 NTNV



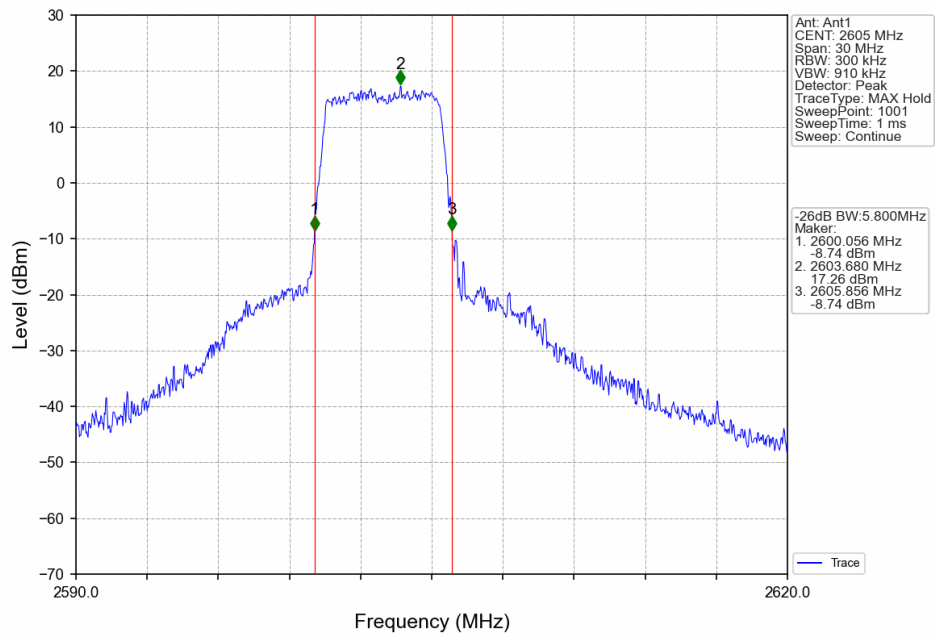
Band41 10MHz QPSK HCH 2670MHz RB 50 0 NTNV



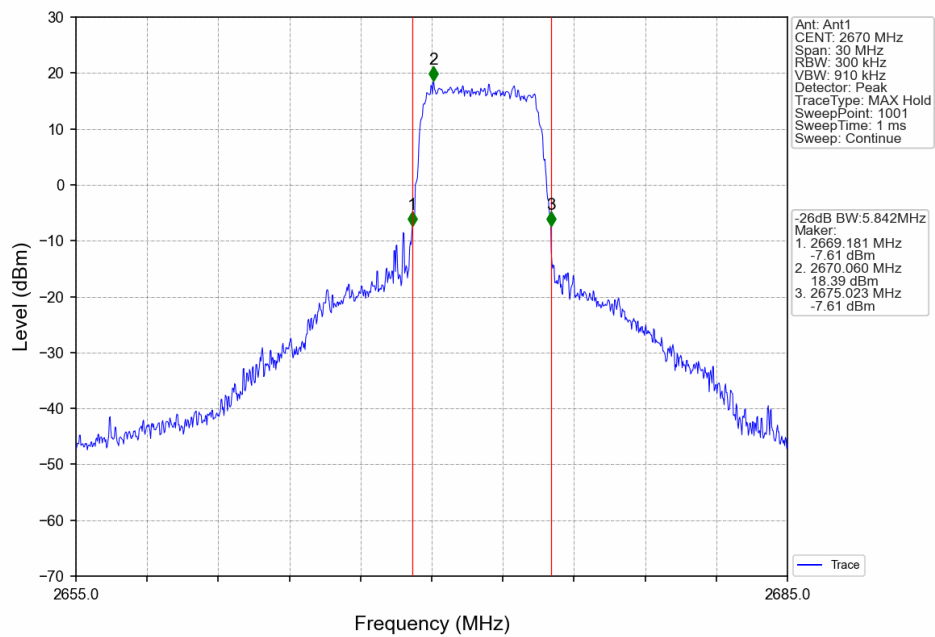
Band41 10MHz 16QAM LCH 2540MHz RB 27 0 NTNV



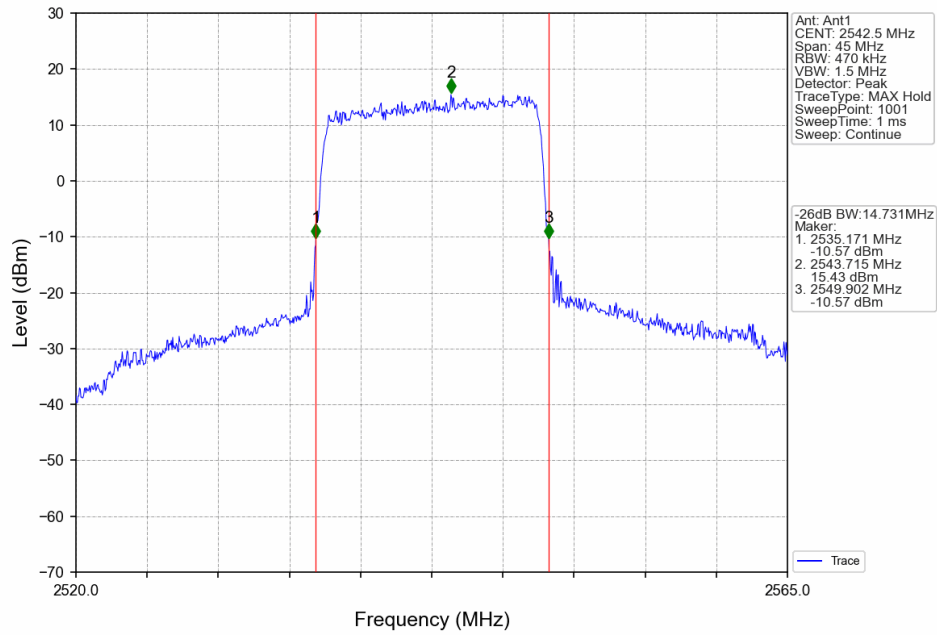
Band41 10MHz 16QAM MCH 2605MHz RB 27 0 NTN



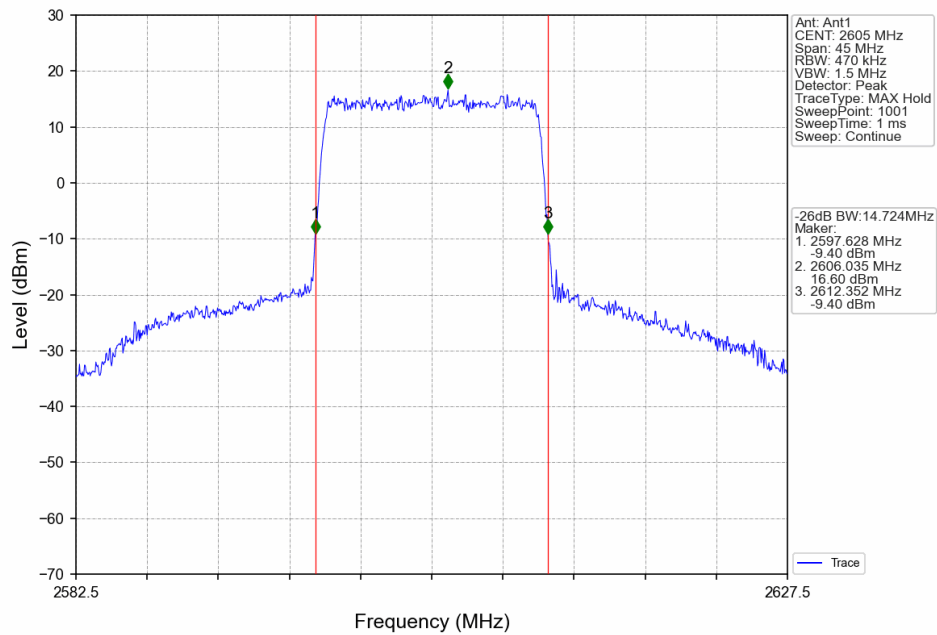
Band41 10MHz 16QAM HCH 2670MHz RB 27 23 NTN



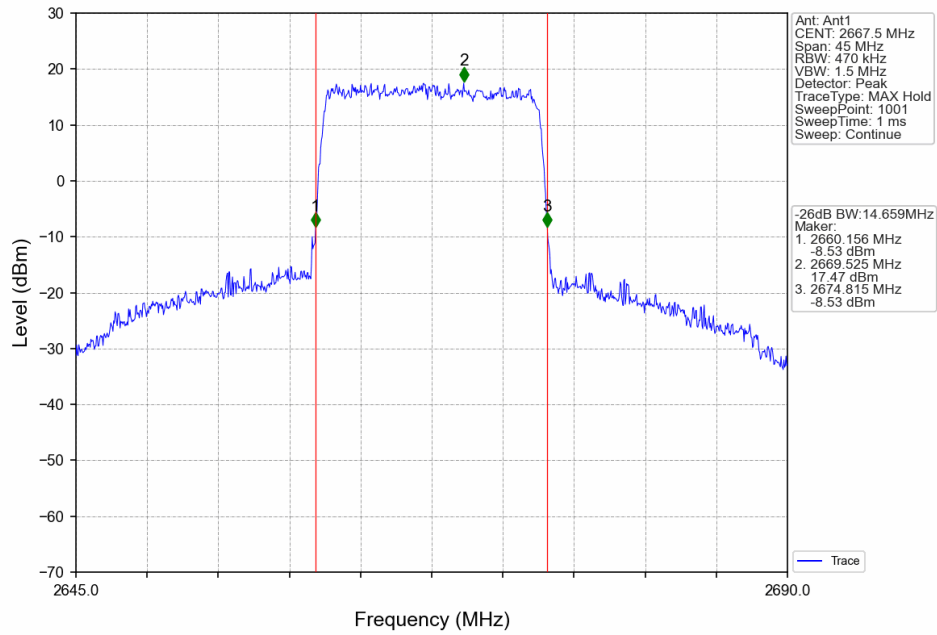
Band41 15MHz QPSK LCH 2542.5MHz RB 75 0 NTN



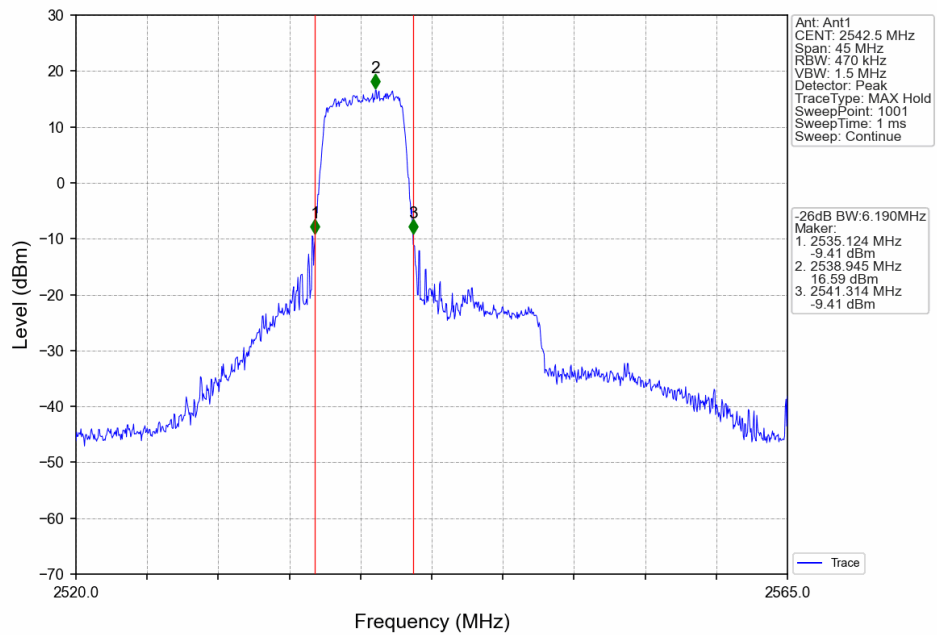
Band41 15MHz QPSK MCH 2605MHz RB 75 0 NTN



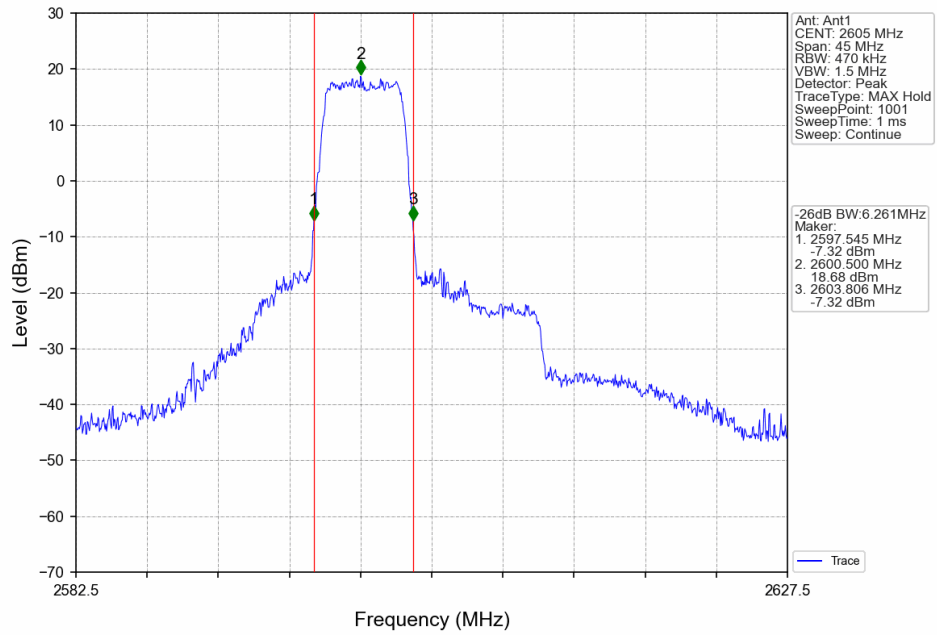
Band41 15MHz QPSK HCH 2667.5MHz RB 75 0 NTN



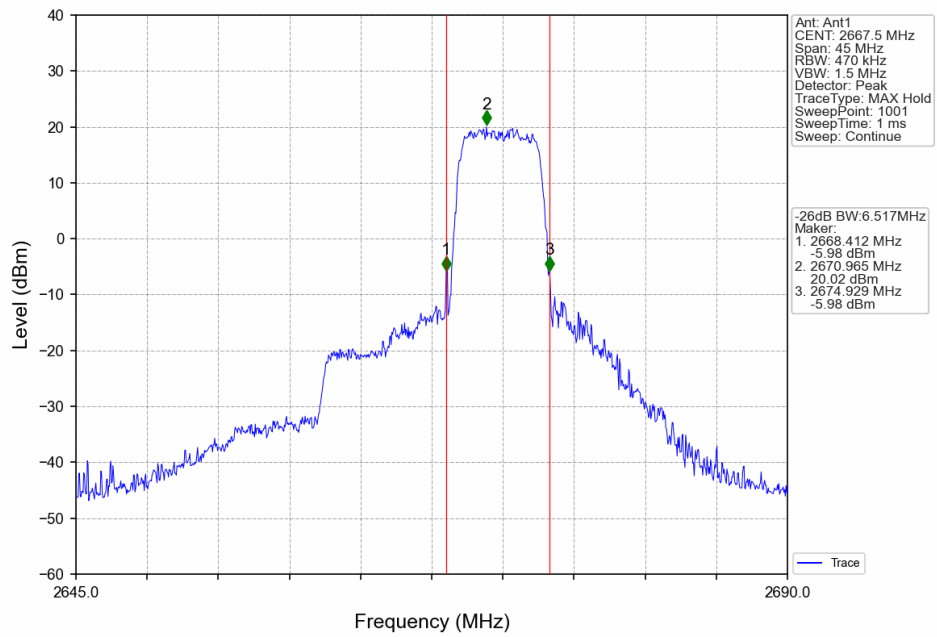
Band41 15MHz 16QAM LCH 2542.5MHz RB 27 0 NTN



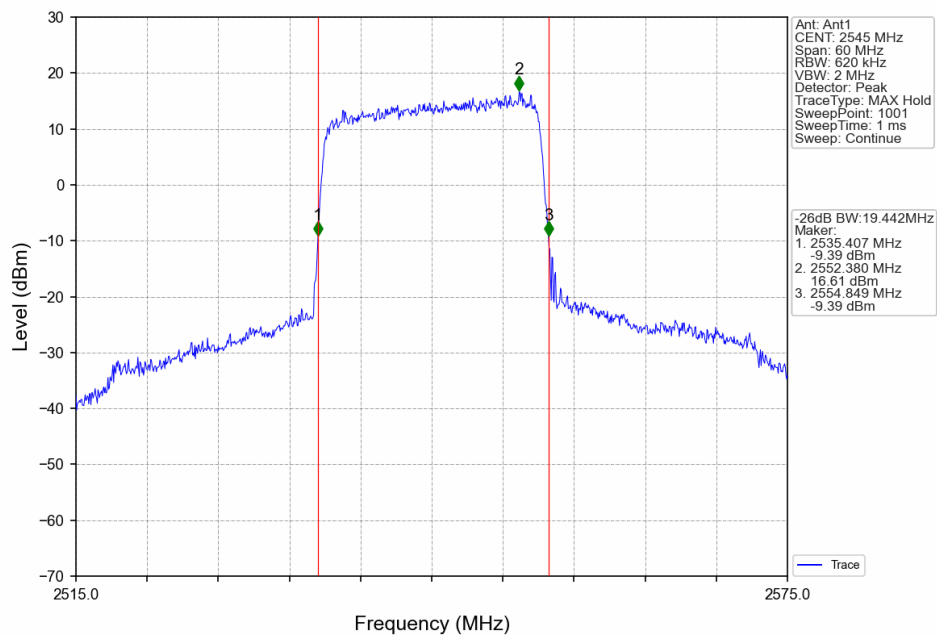
Band41 15MHz 16QAM MCH 2605MHz RB 27 0 NTNV



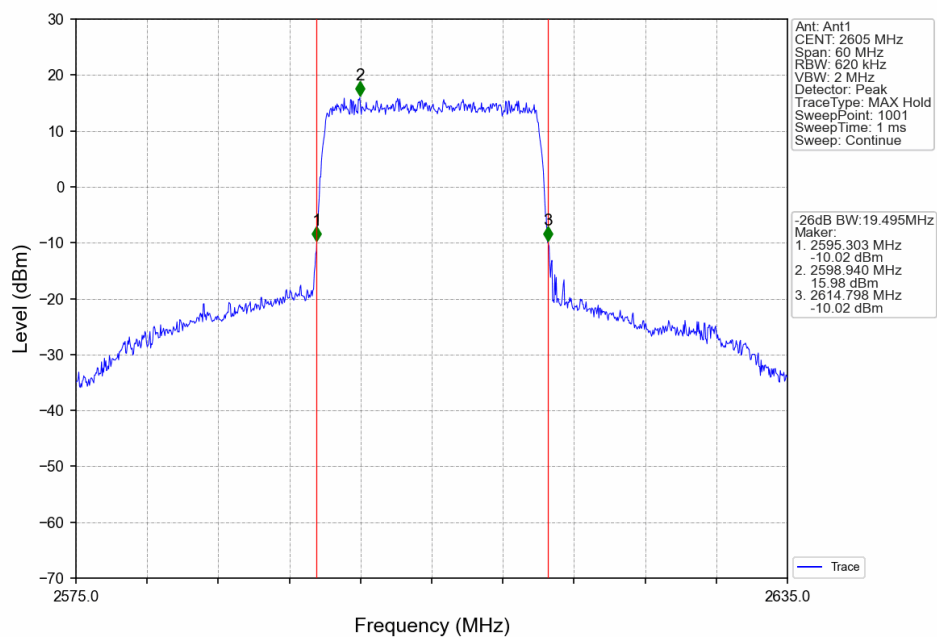
Band41 15MHz 16QAM HCH 2667.5MHz RB 27 48 NTNV



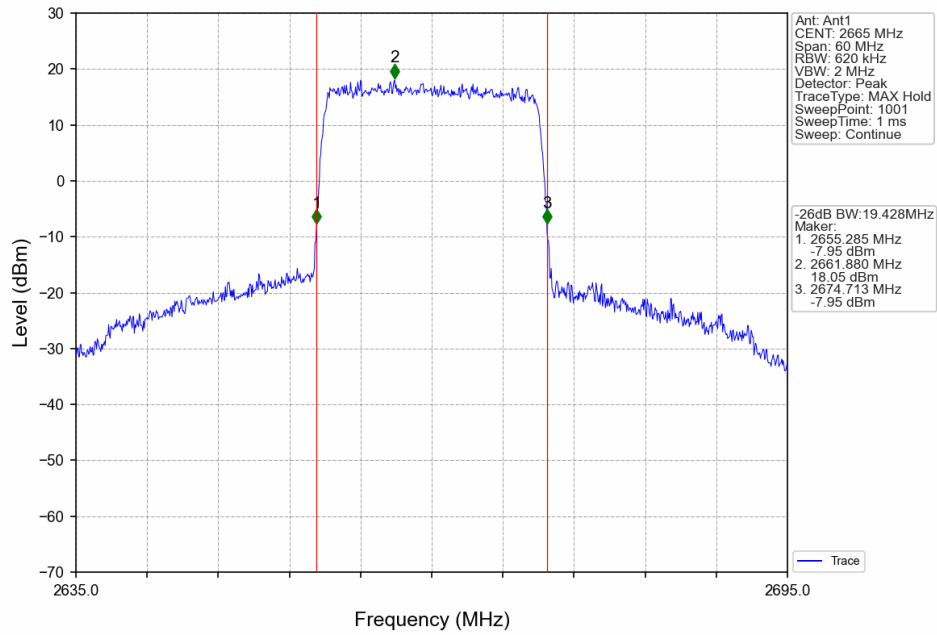
Band41 20MHz QPSK LCH 2545MHz RB 100 0 NTN



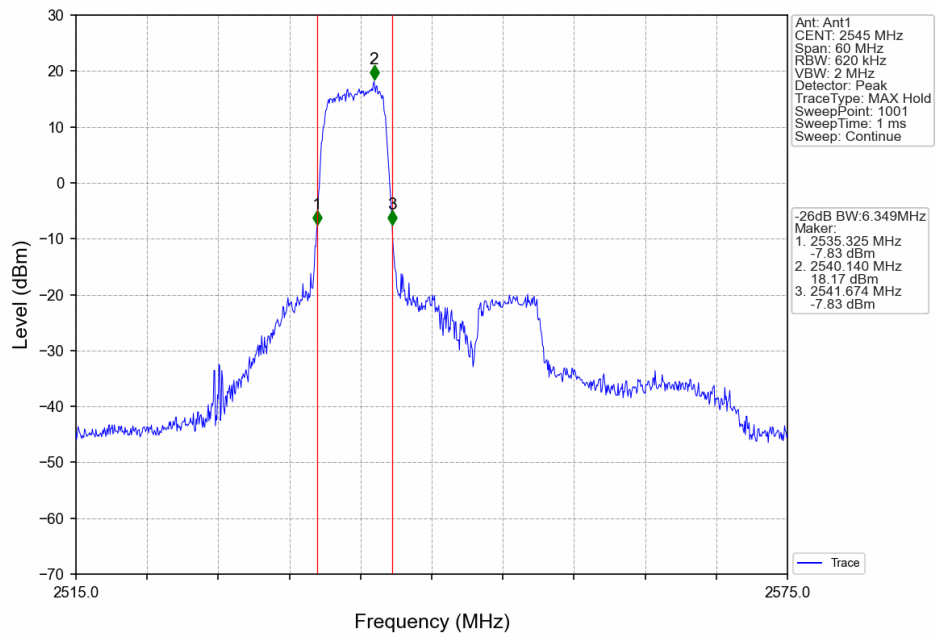
Band41 20MHz QPSK MCH 2605MHz RB 100 0 NTN



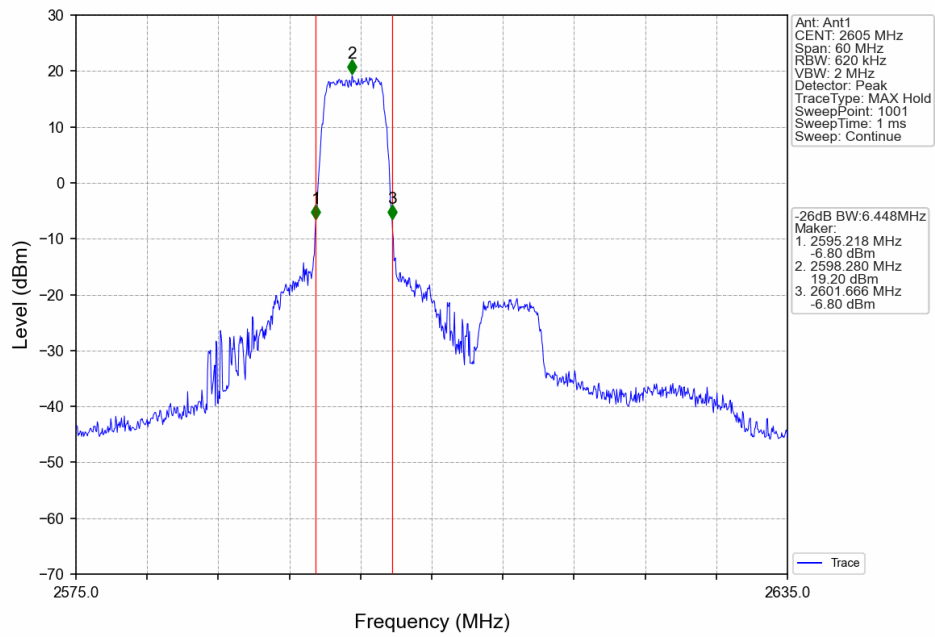
Band41 20MHz QPSK HCH 2665MHz RB 100 0 NTN



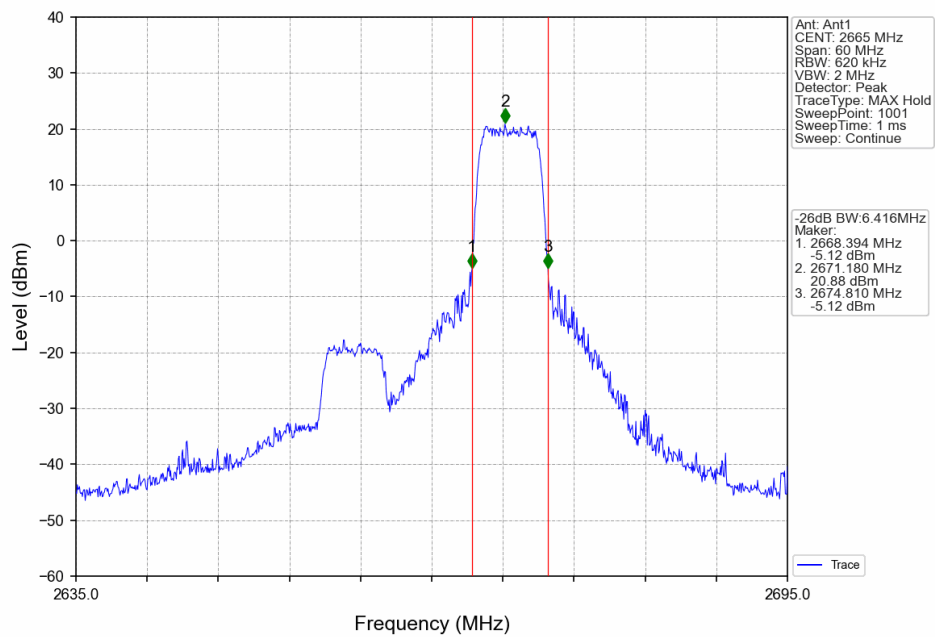
Band41 20MHz 16QAM LCH 2545MHz RB 27 0 NTN



Band41 20MHz 16QAM MCH 2605MHz RB 27 0 NTNV



Band41 20MHz 16QAM HCH 2665MHz RB 27 73 NTNV



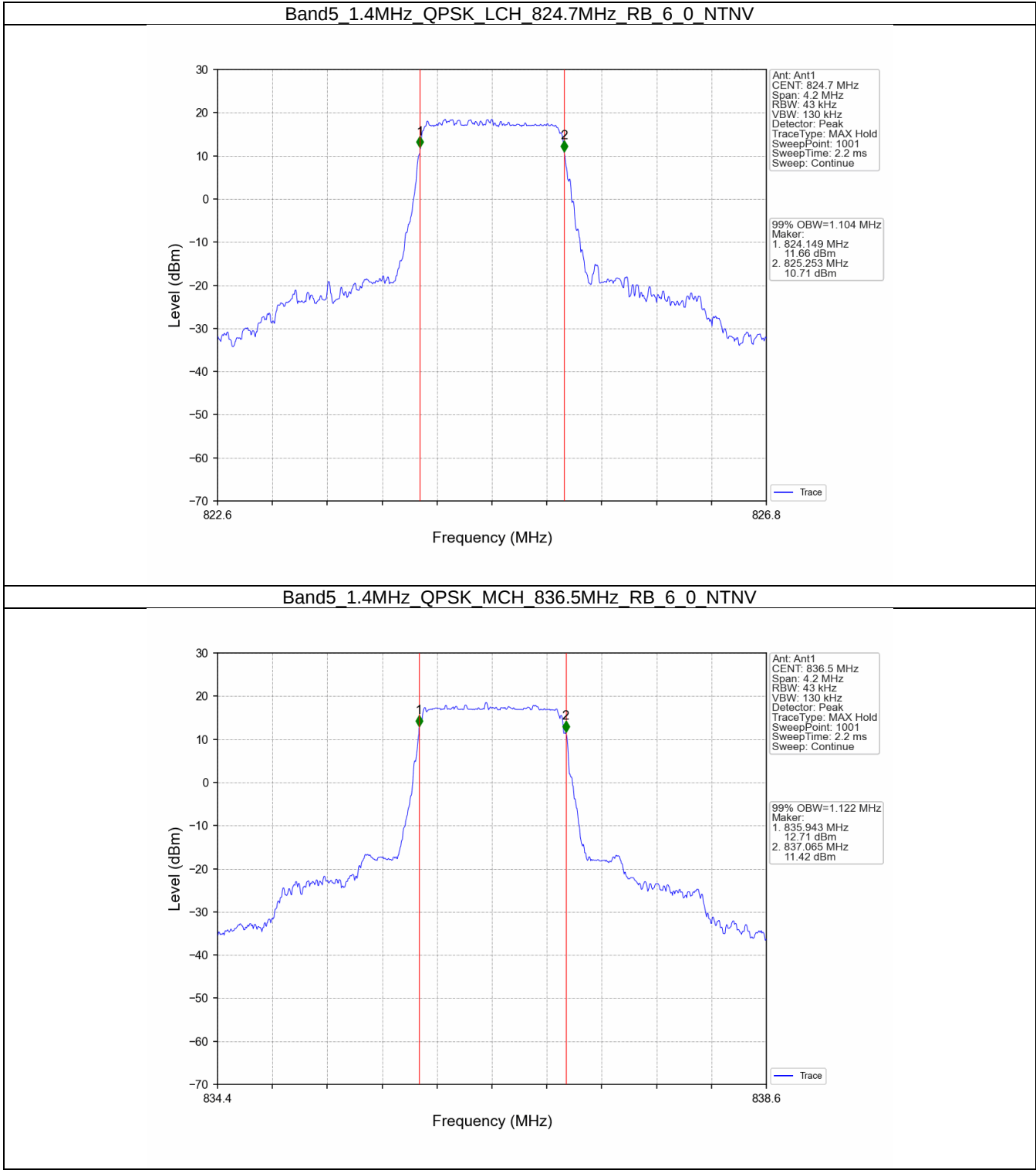
7. 99% & 26dB Bandwidth

7.1 Band5_OBW

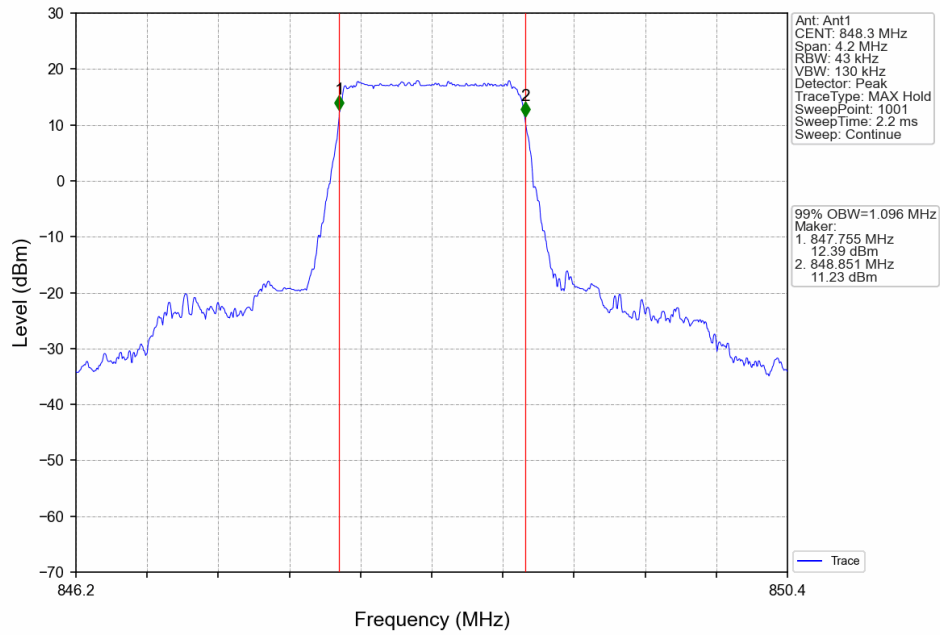
7.1.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.104	Pass
		836.5	6	0	1.122	Pass
		848.3	6	0	1.096	Pass
	16QAM	824.7	6	0	1.102	Pass
		836.5	6	0	1.105	Pass
		848.3	6	0	1.109	Pass
3	QPSK	825.5	15	0	2.726	Pass
		836.5	15	0	2.747	Pass
		847.5	15	0	2.733	Pass
	16QAM	825.5	15	0	2.724	Pass
		836.5	15	0	2.730	Pass
		847.5	15	0	2.734	Pass
5	QPSK	826.5	25	0	4.548	Pass
		836.5	25	0	4.539	Pass
		846.5	25	0	4.535	Pass
	16QAM	826.5	25	0	4.523	Pass
		836.5	25	0	4.562	Pass
		846.5	25	0	4.558	Pass
10	QPSK	829	50	0	9.036	Pass
		836.5	50	0	9.035	Pass
		844	50	0	9.023	Pass
	16QAM	829	27	0	5.036	Pass
		836.5	27	0	5.037	Pass
		844	27	23	5.034	Pass

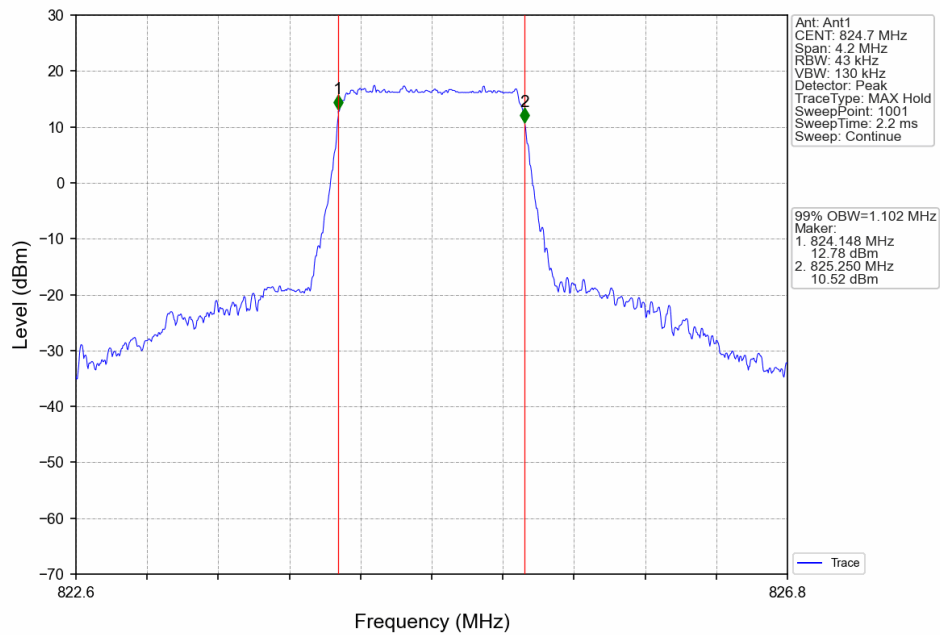
7.1.2 Test Graph



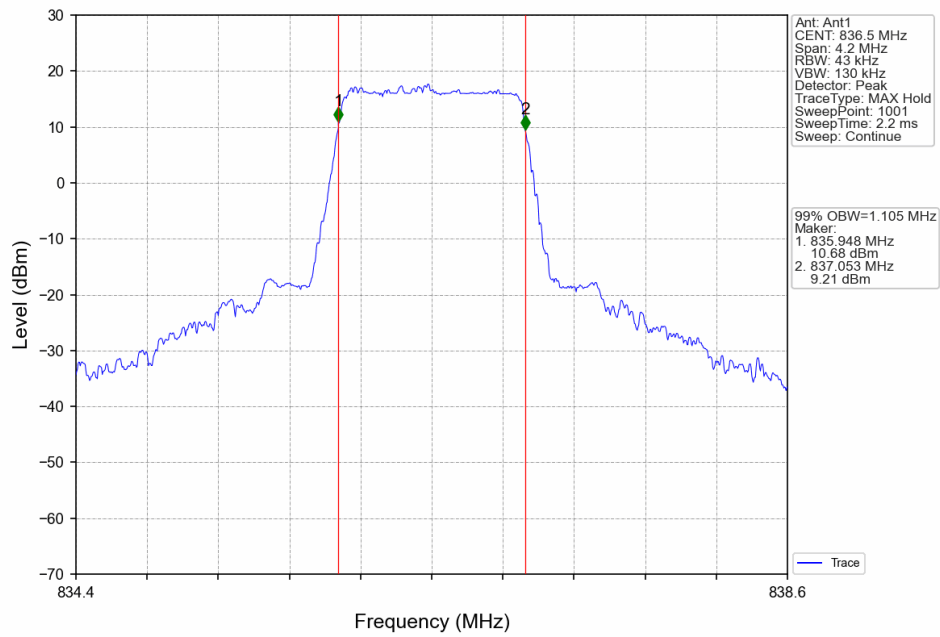
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



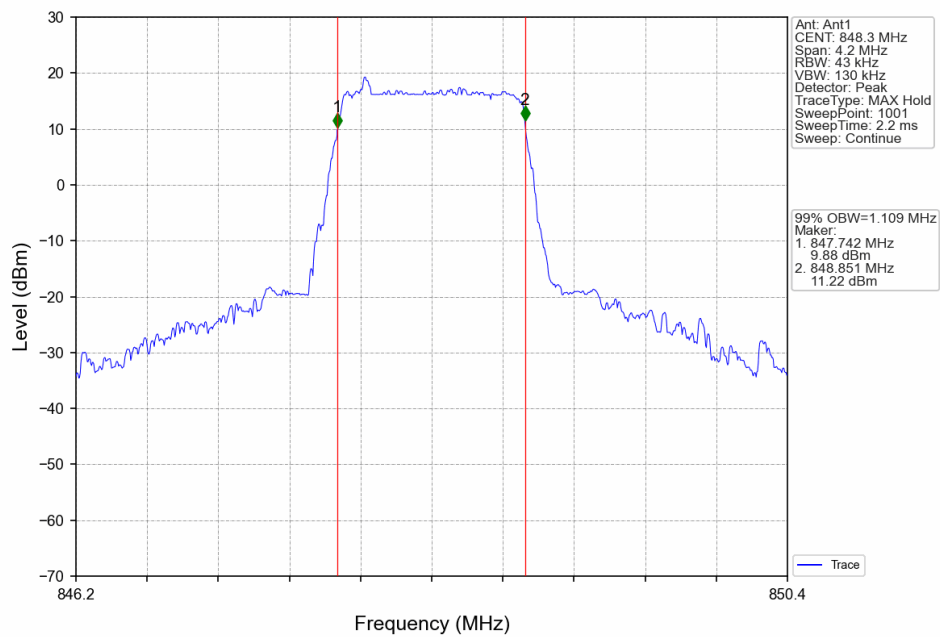
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



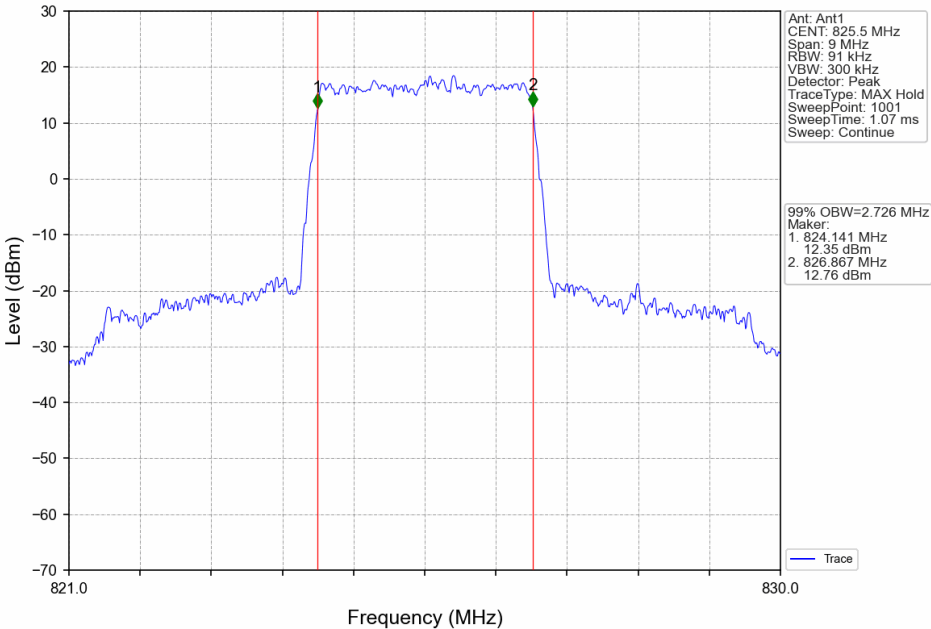
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



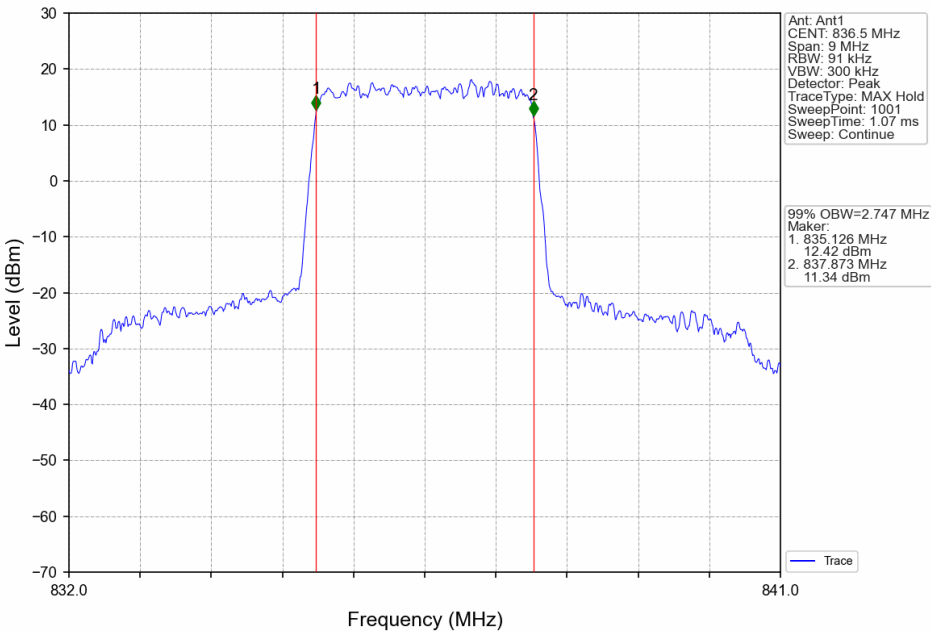
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



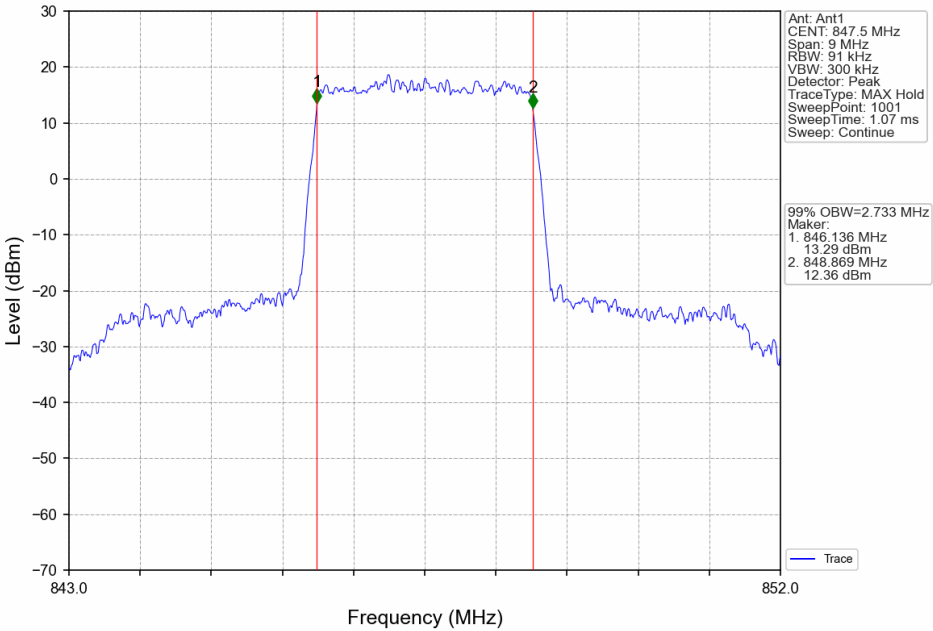
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTN



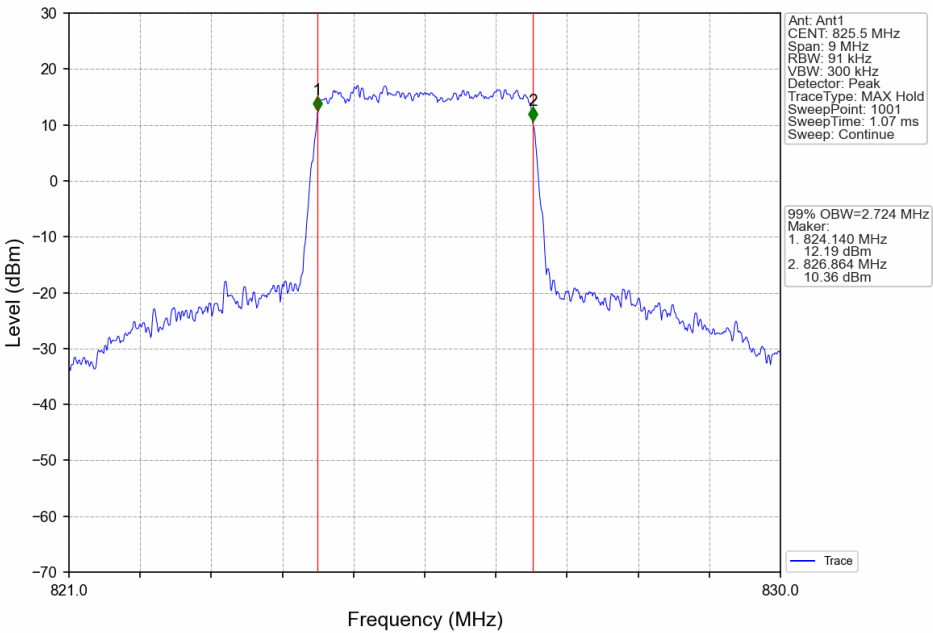
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTN



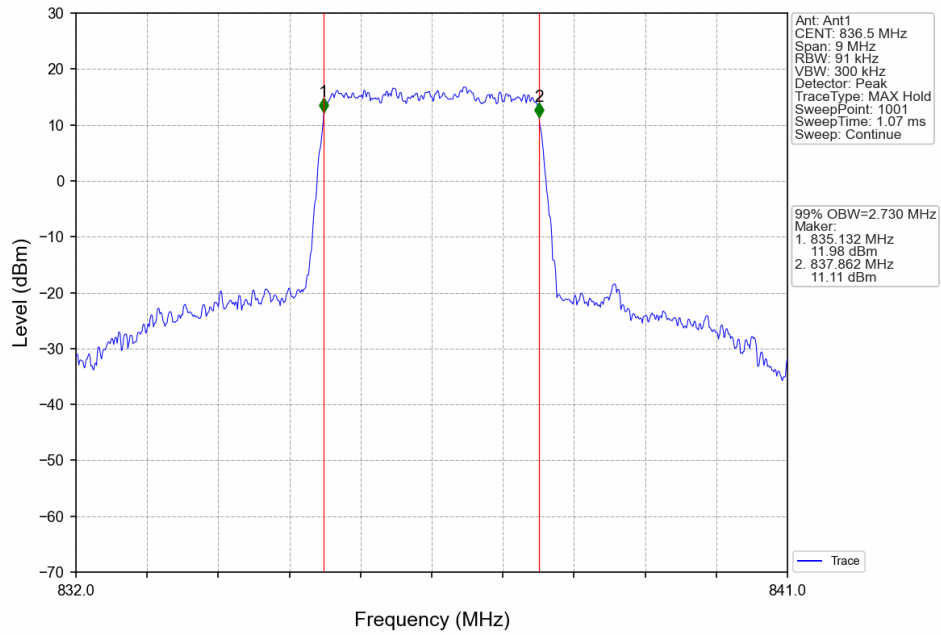
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



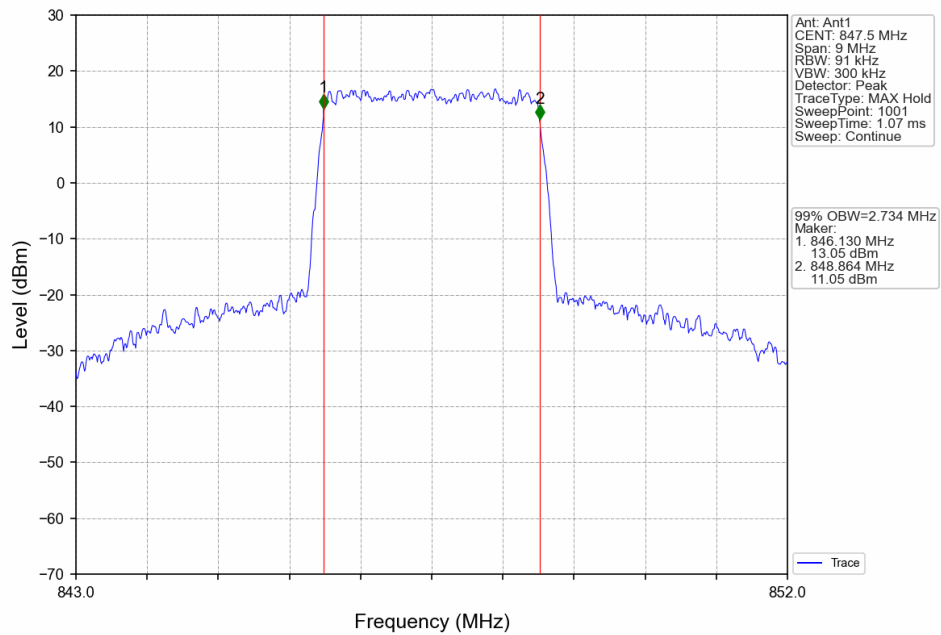
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



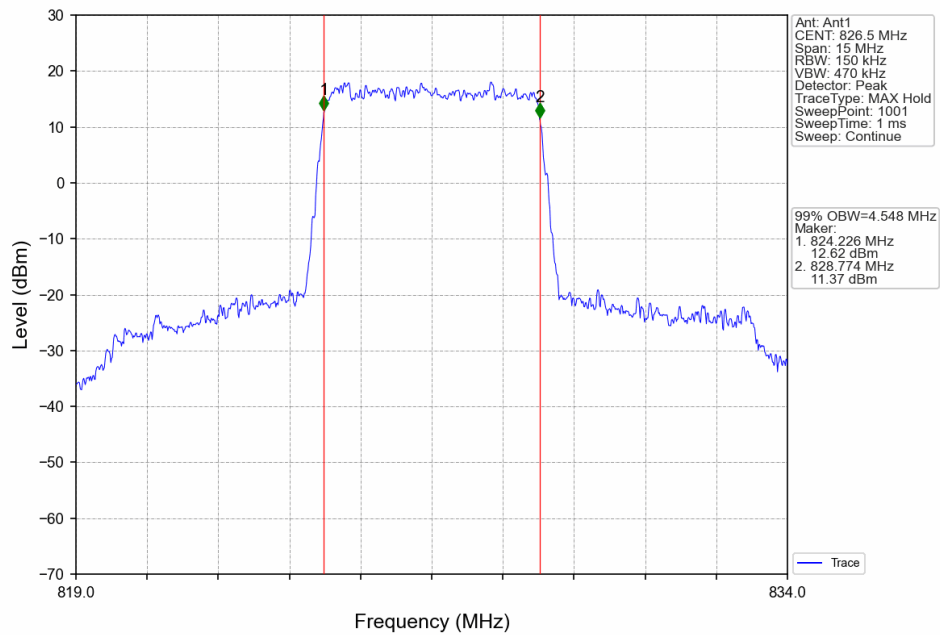
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



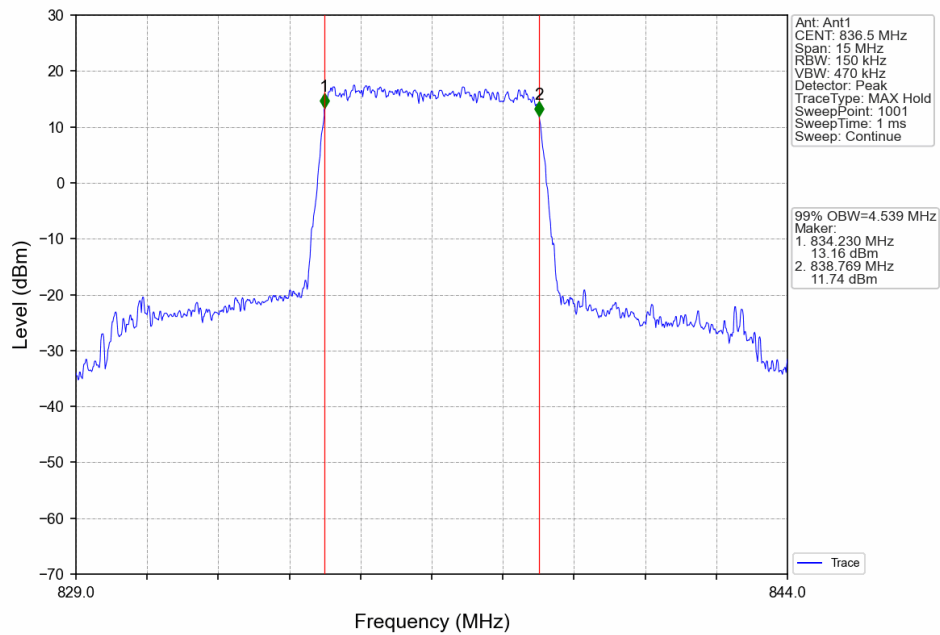
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



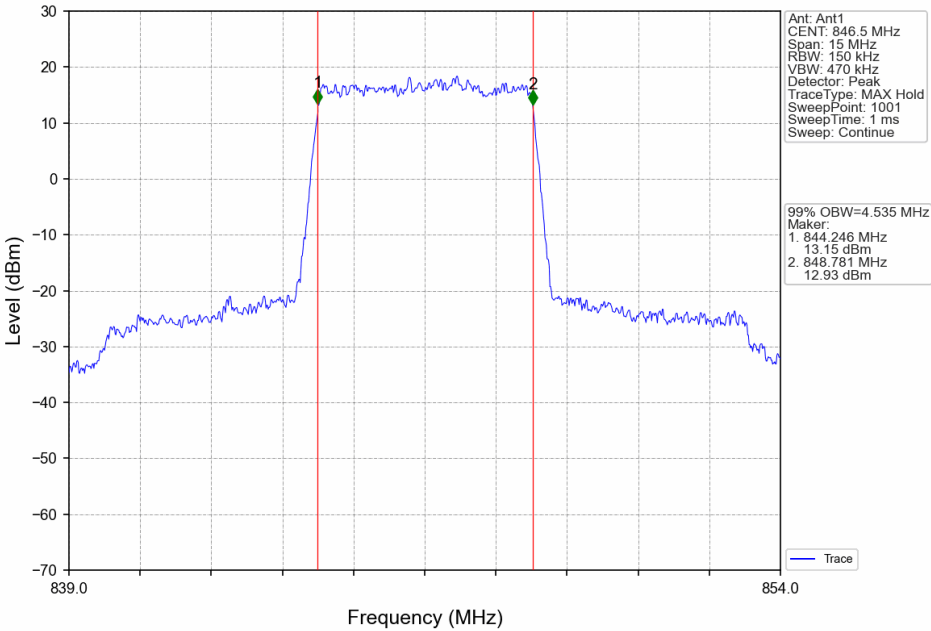
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTNV



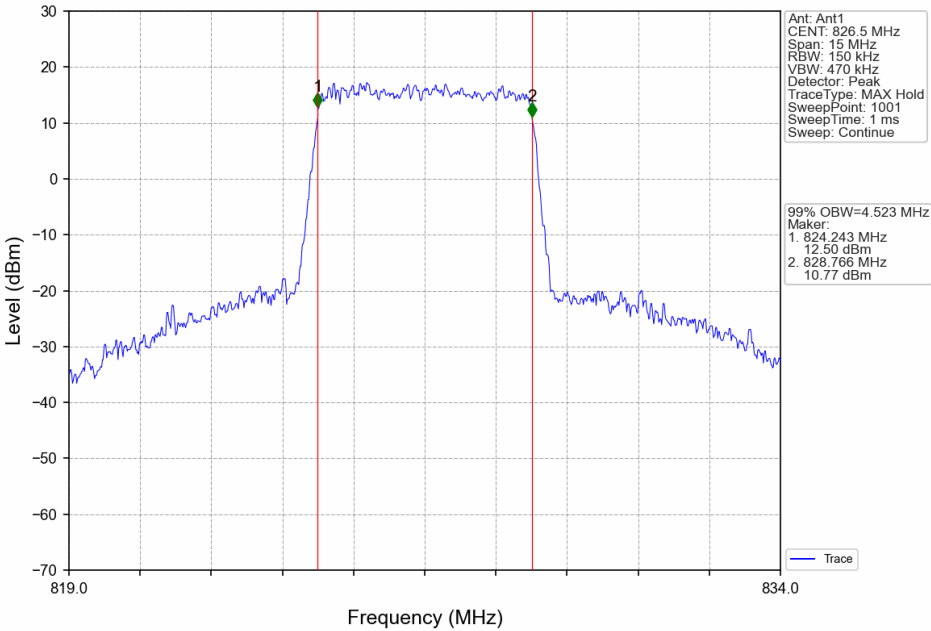
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTNV



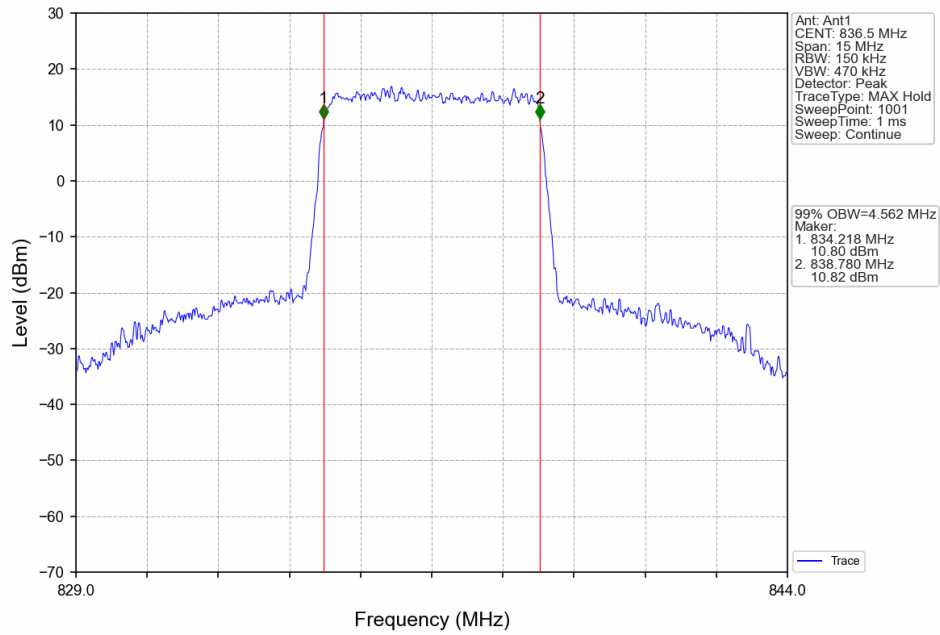
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



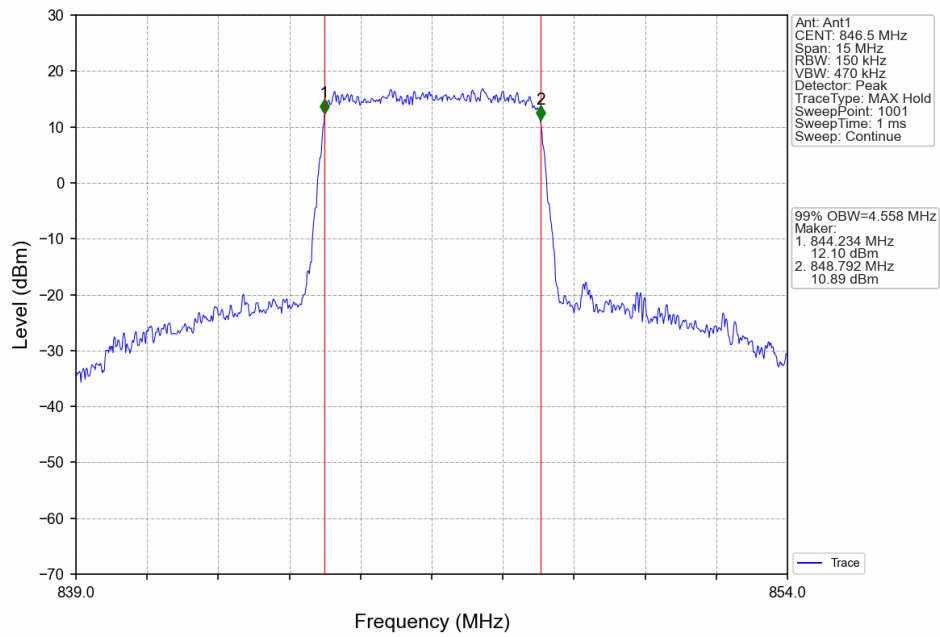
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



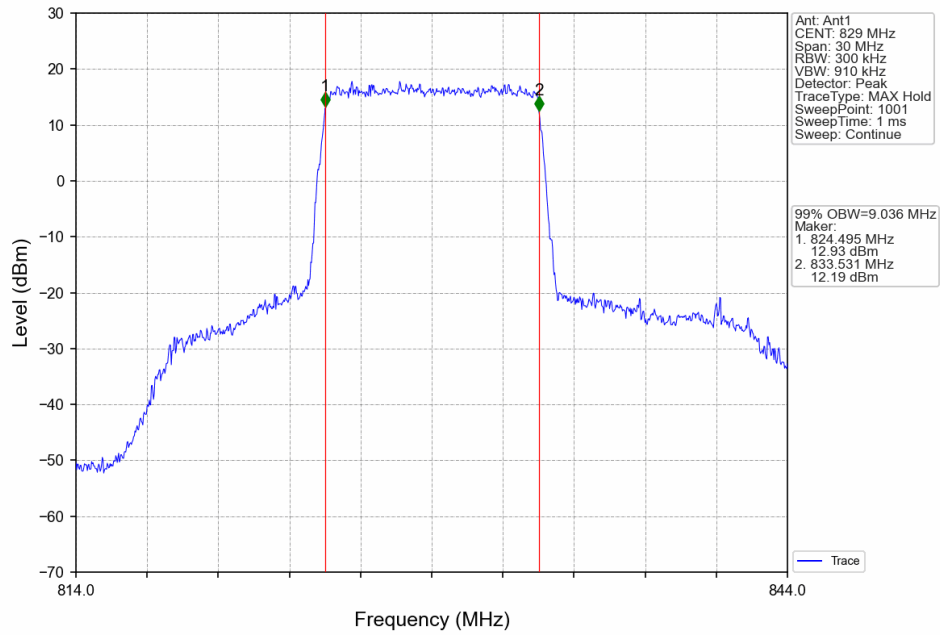
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN



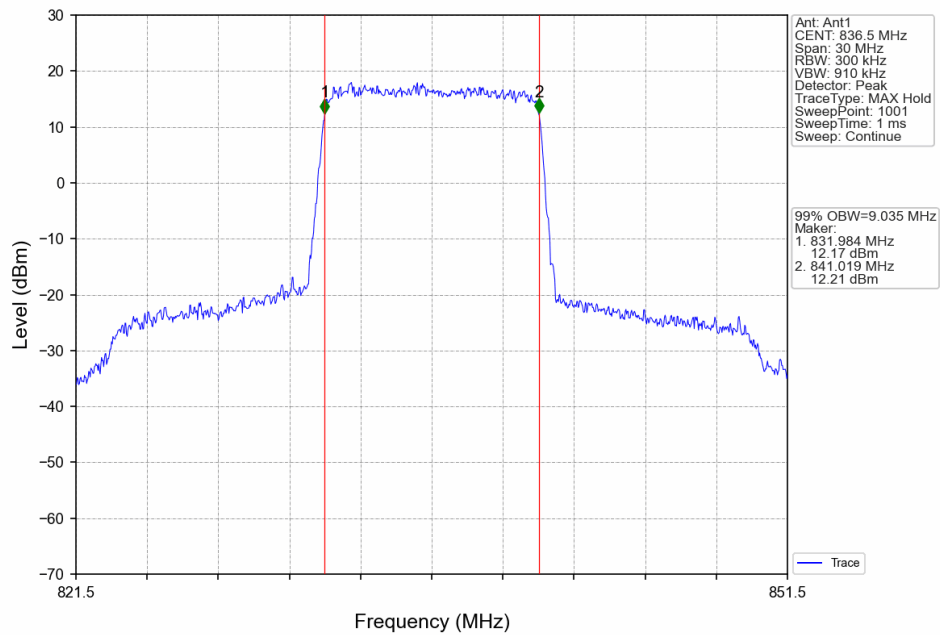
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTN



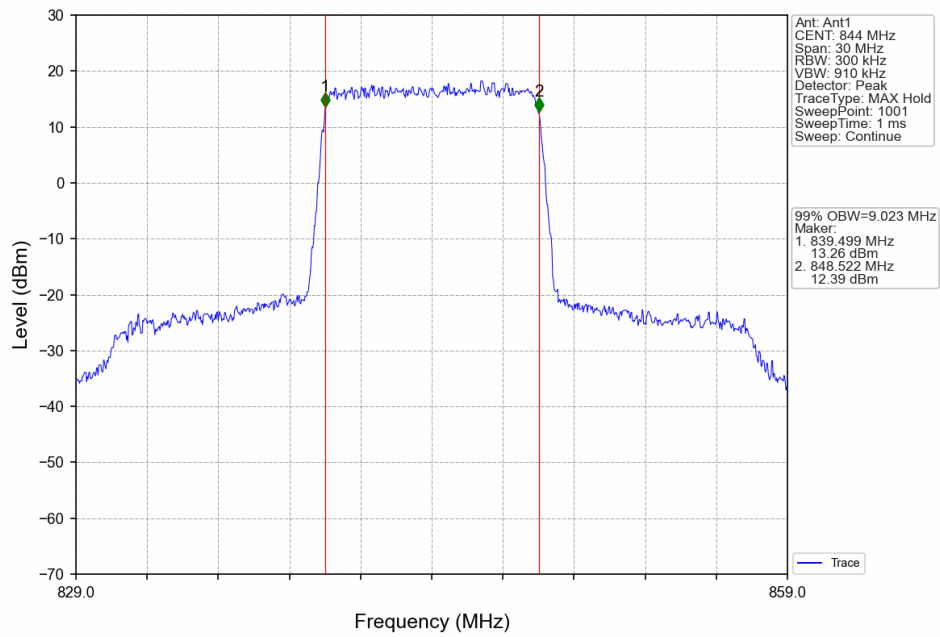
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



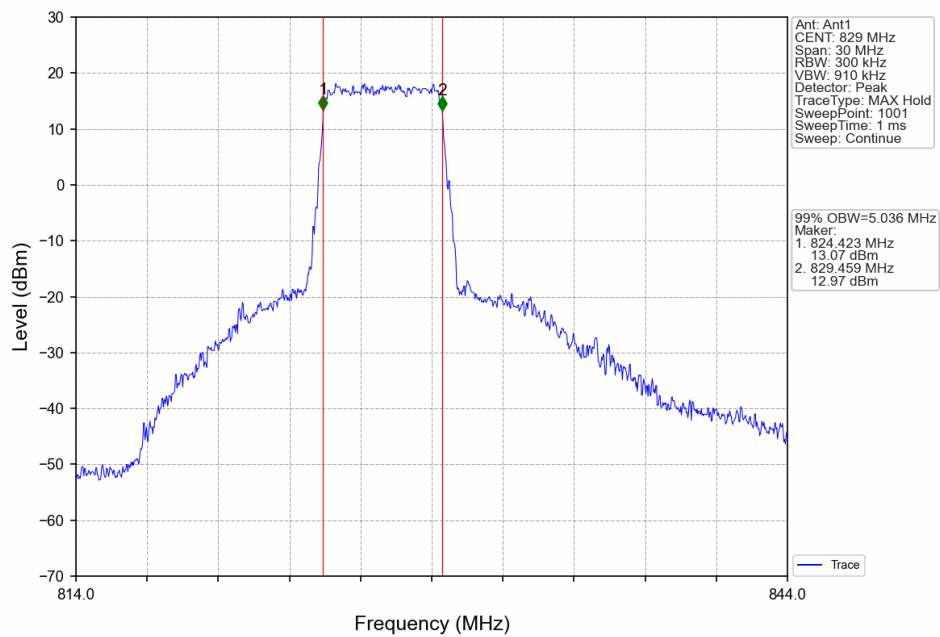
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



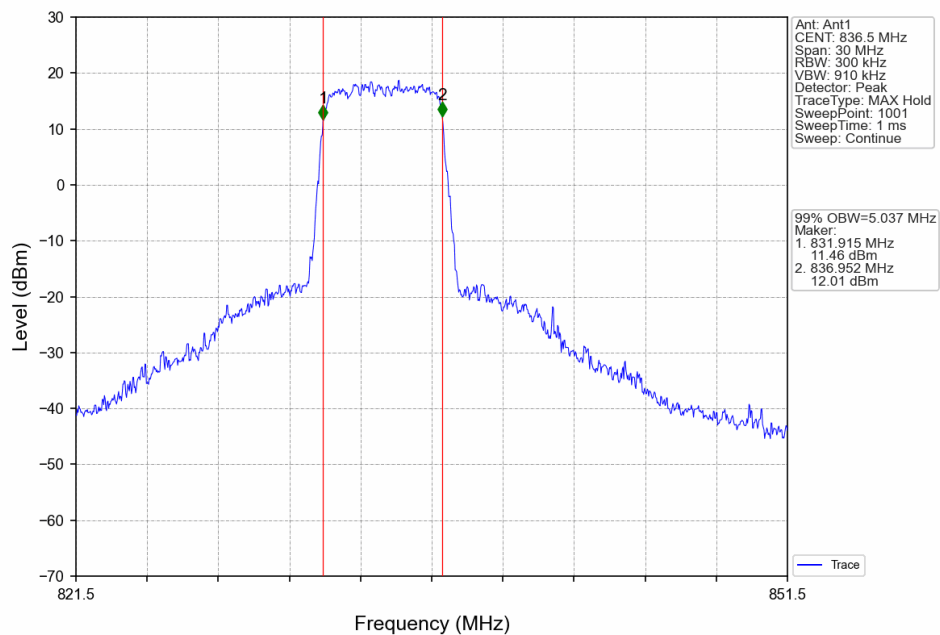
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



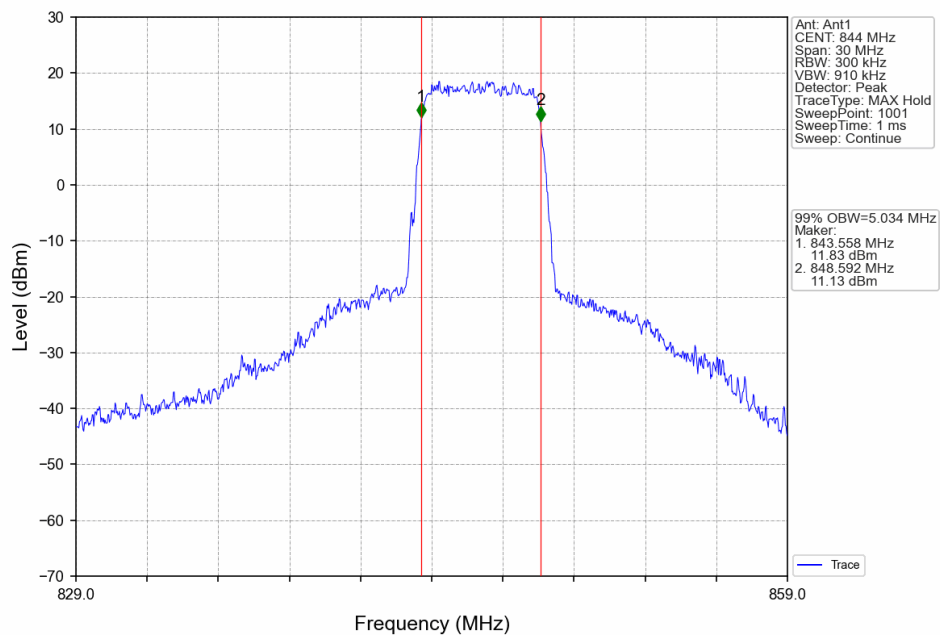
Band5 10MHz 16QAM LCH 829MHz RB 27 0 NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 27 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 27 23 NTNV

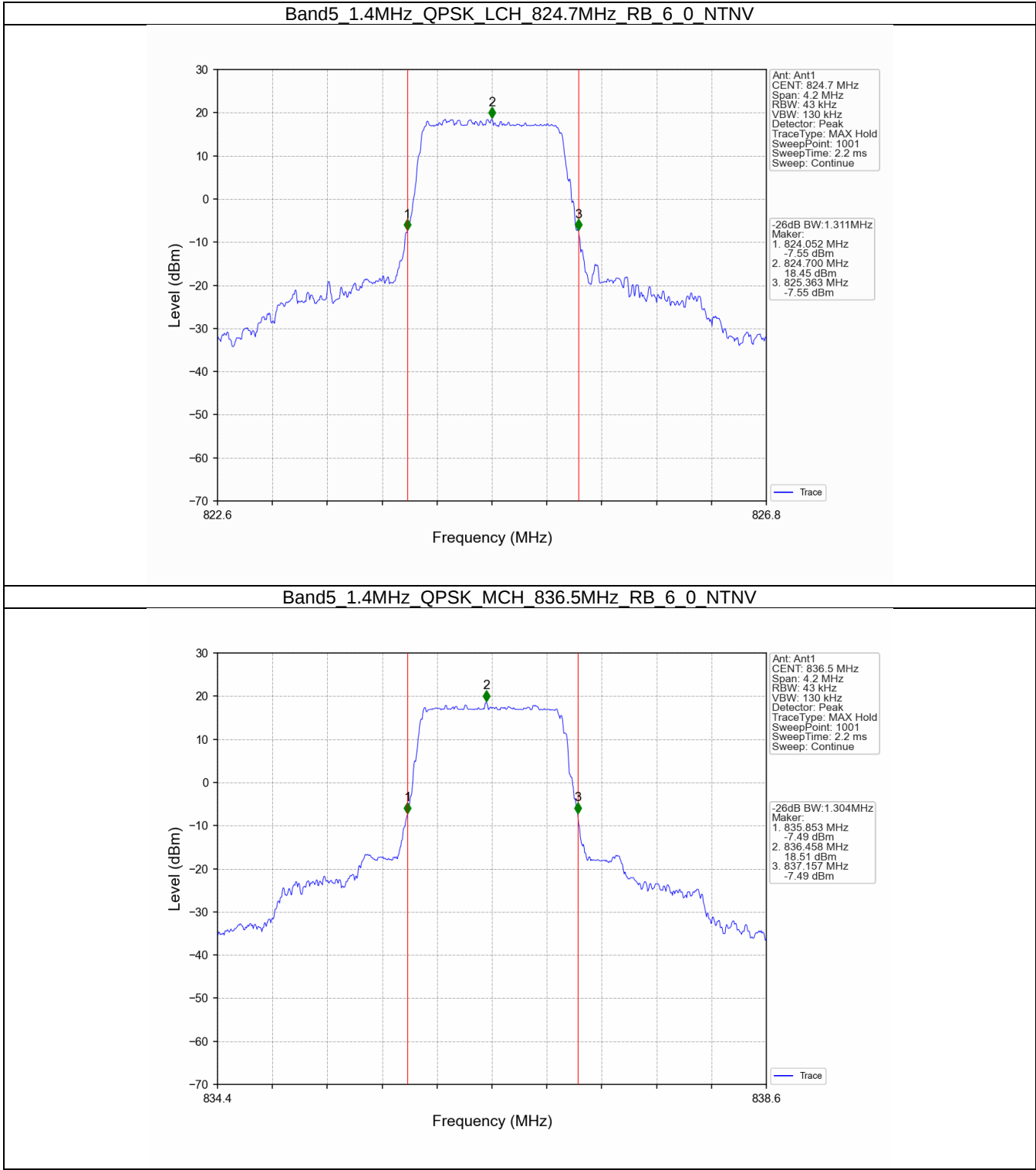


7.2 Band5_XDB

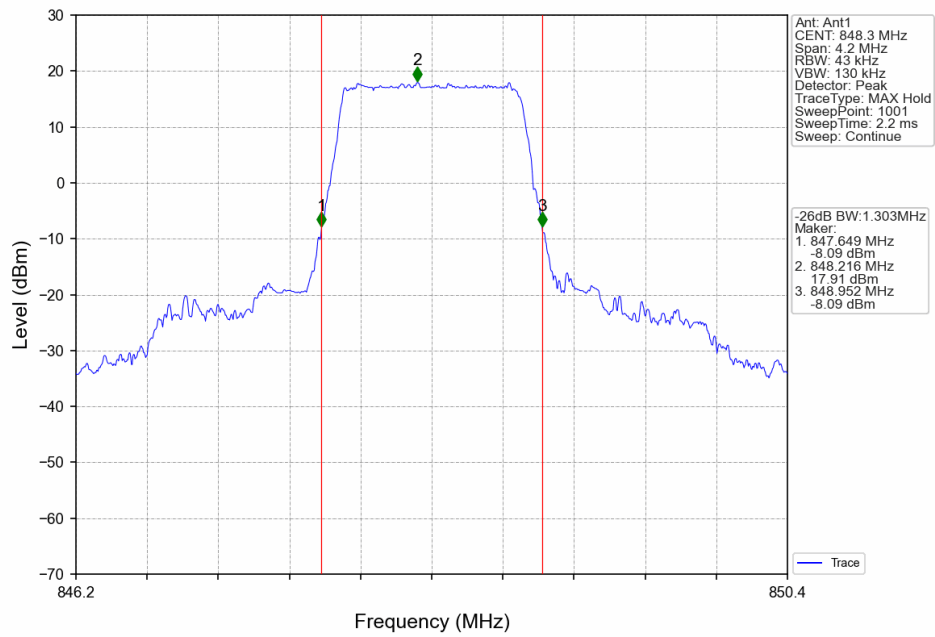
7.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.311	Pass
		836.5	6	0	1.304	Pass
		848.3	6	0	1.303	Pass
	16QAM	824.7	6	0	1.301	Pass
		836.5	6	0	1.305	Pass
		848.3	6	0	1.268	Pass
3	QPSK	825.5	15	0	3.020	Pass
		836.5	15	0	3.022	Pass
		847.5	15	0	3.014	Pass
	16QAM	825.5	15	0	3.006	Pass
		836.5	15	0	3.023	Pass
		847.5	15	0	3.030	Pass
5	QPSK	826.5	25	0	5.039	Pass
		836.5	25	0	5.050	Pass
		846.5	25	0	5.003	Pass
	16QAM	826.5	25	0	5.045	Pass
		836.5	25	0	5.031	Pass
		846.5	25	0	5.056	Pass
10	QPSK	829	50	0	9.917	Pass
		836.5	50	0	9.917	Pass
		844	50	0	9.907	Pass
	16QAM	829	27	0	5.905	Pass
		836.5	27	0	5.764	Pass
		844	27	23	5.909	Pass

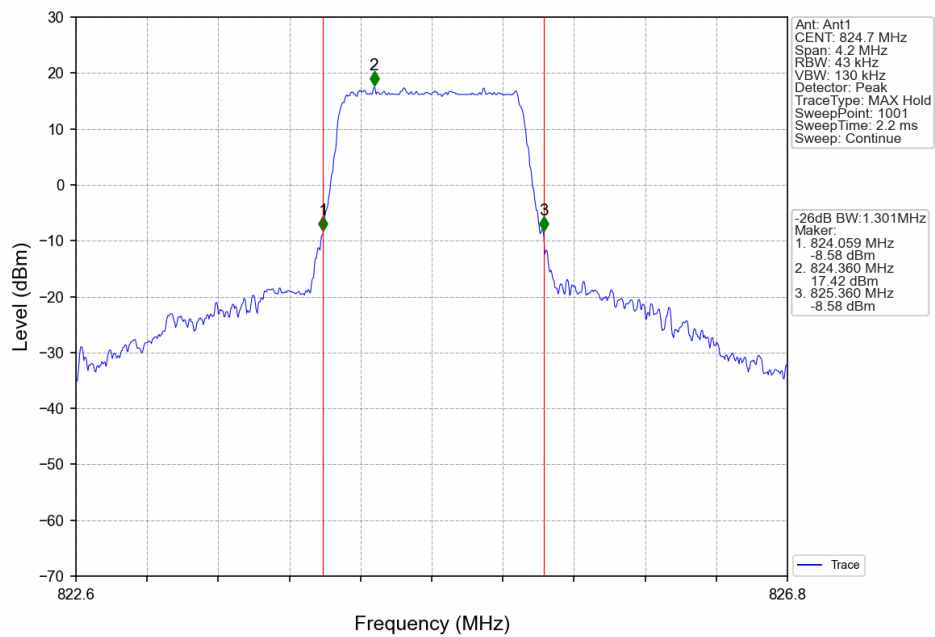
7.2.2 Test Graph



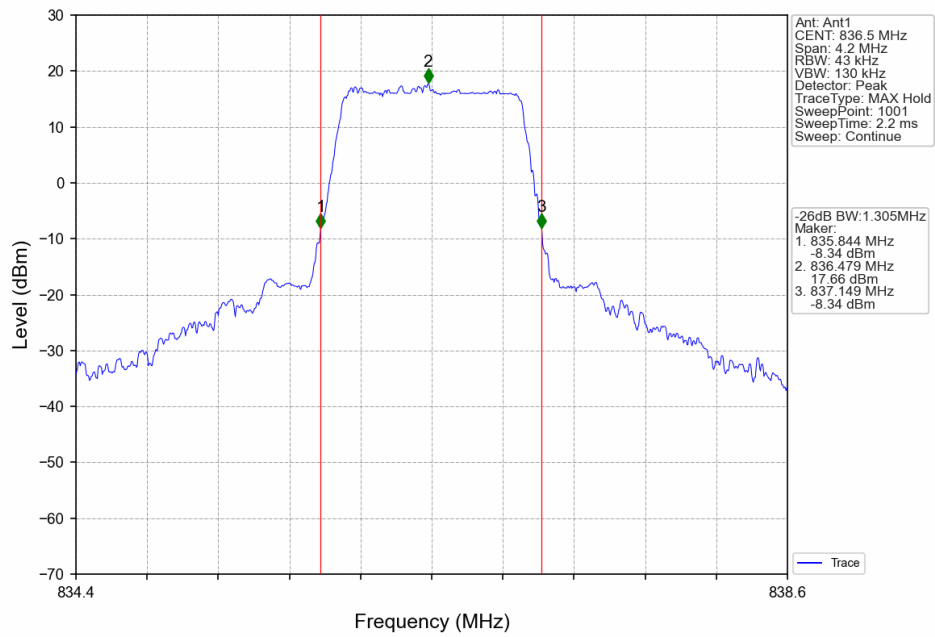
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



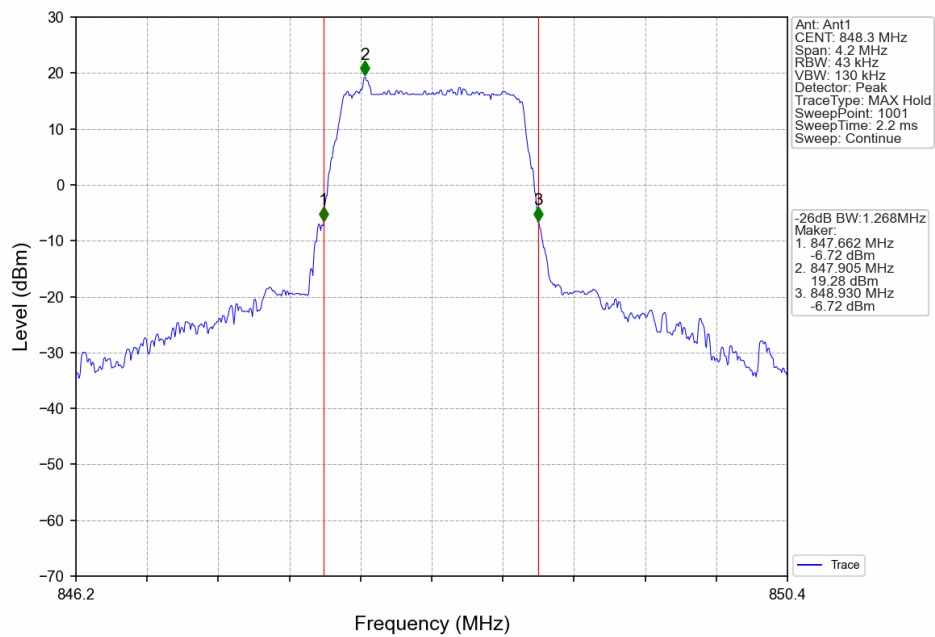
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



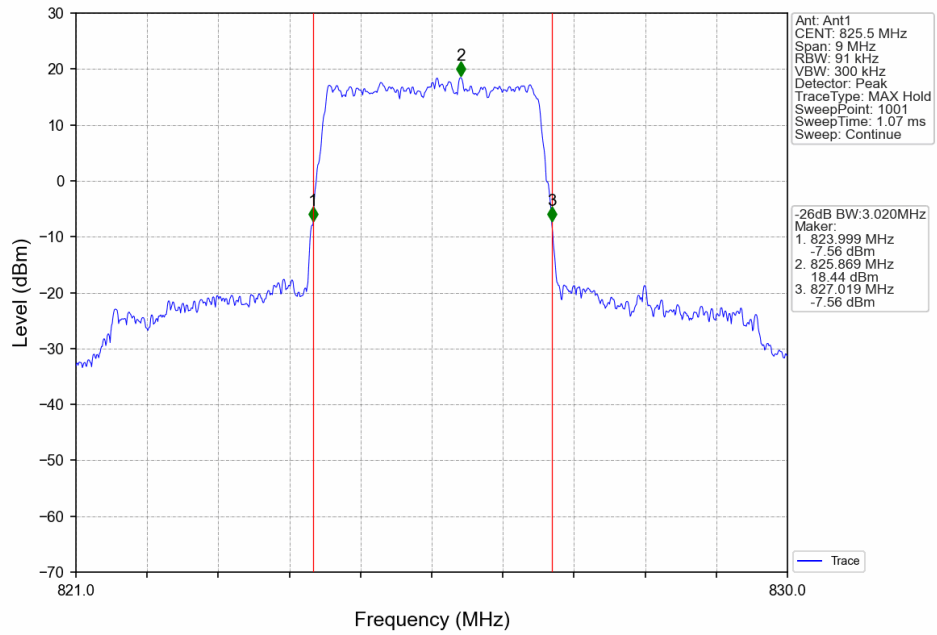
Band5 1.4MHz 16QAM MCH 836.5MHz RB 6 0 NTNV



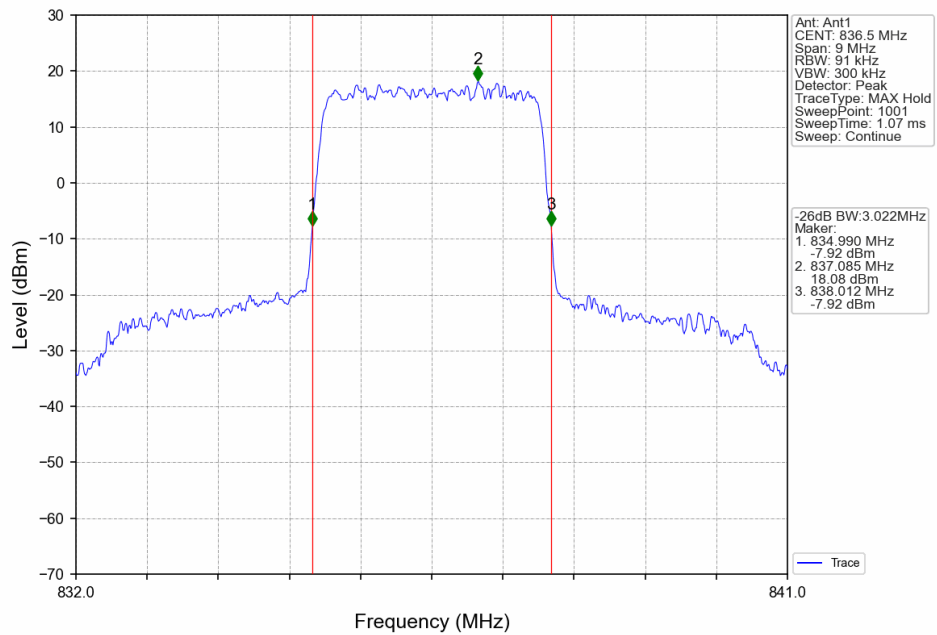
Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTNV



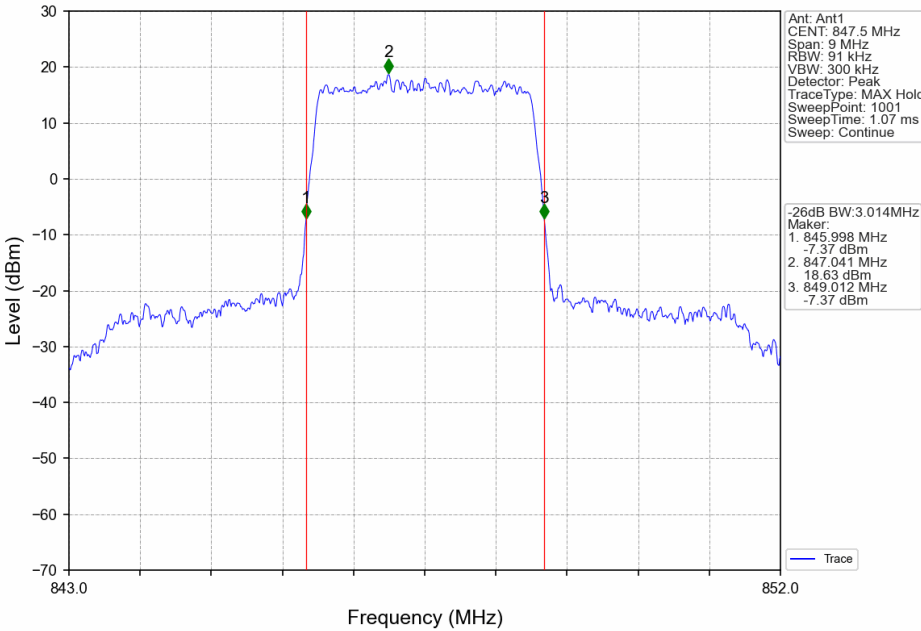
Band5 3MHz QPSK LCH 825.5MHz RB 15 0 NTNV



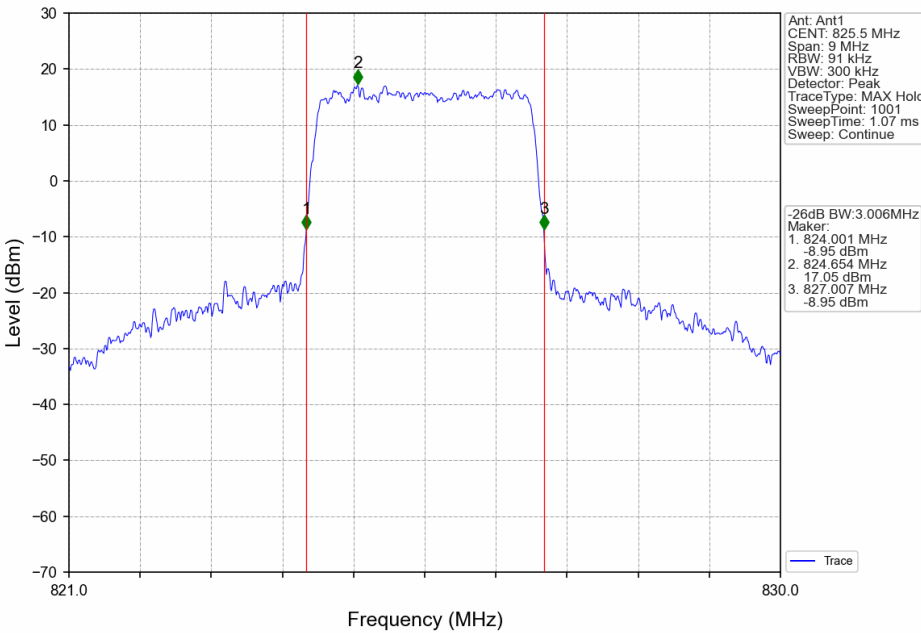
Band5 3MHz QPSK MCH 836.5MHz RB 15 0 NTNV



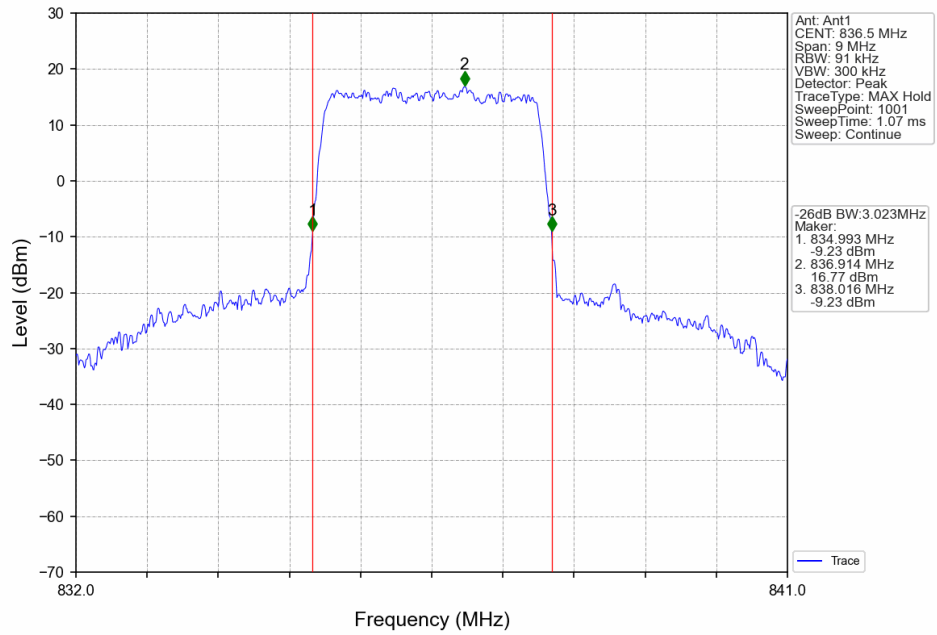
Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTN



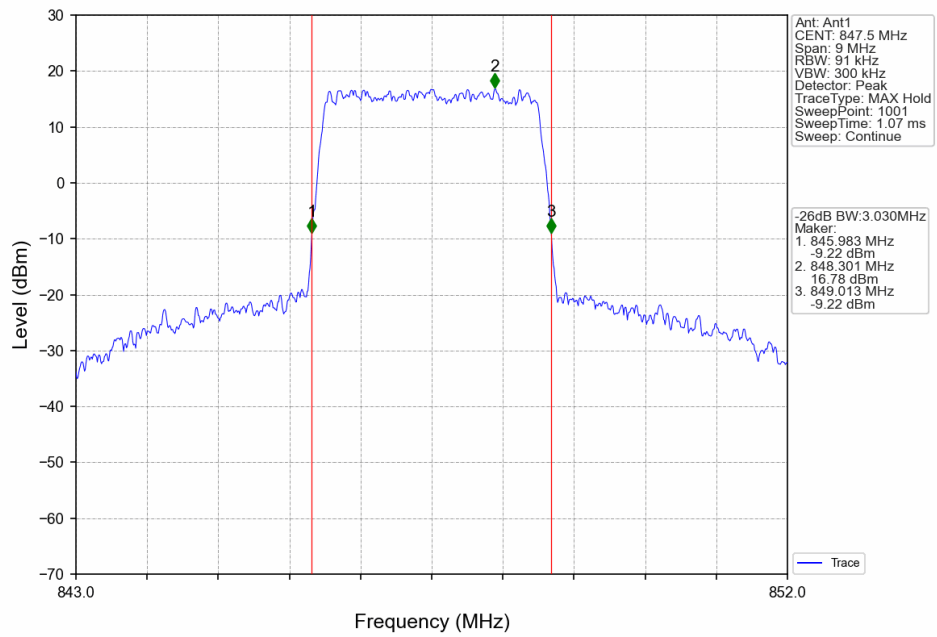
Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTN



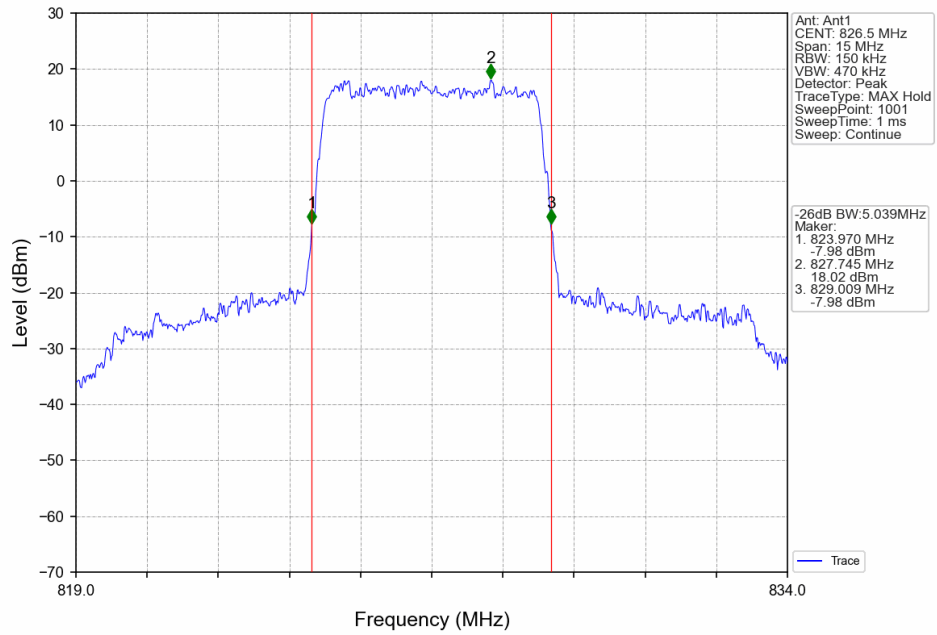
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN

