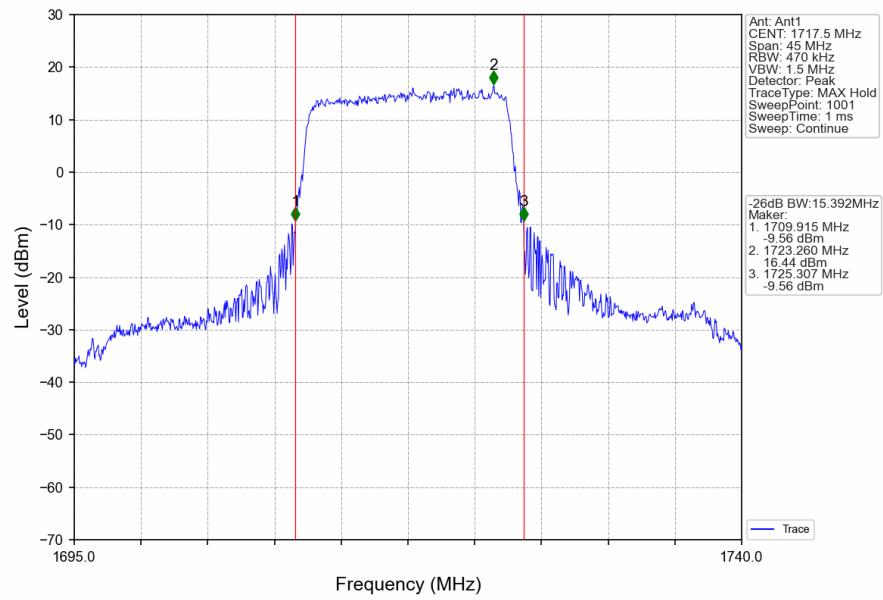
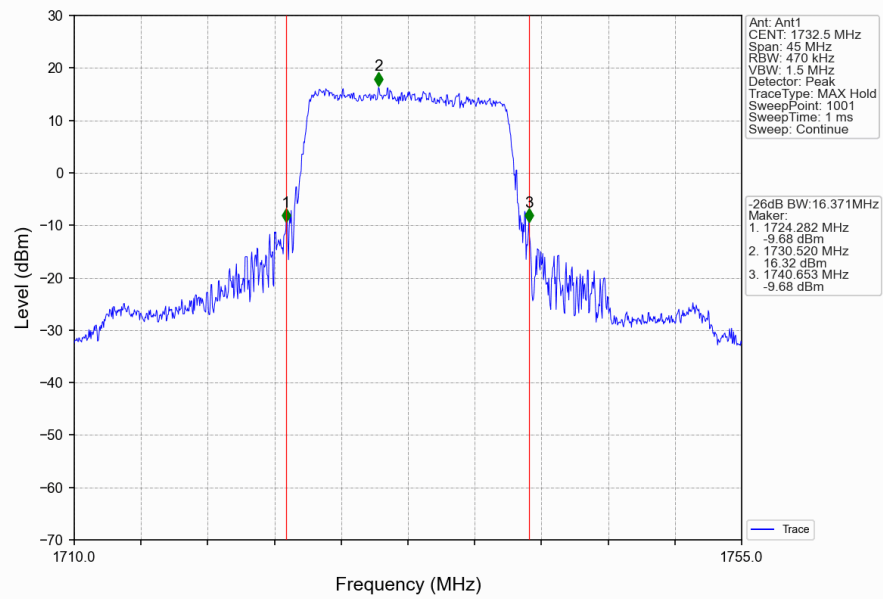


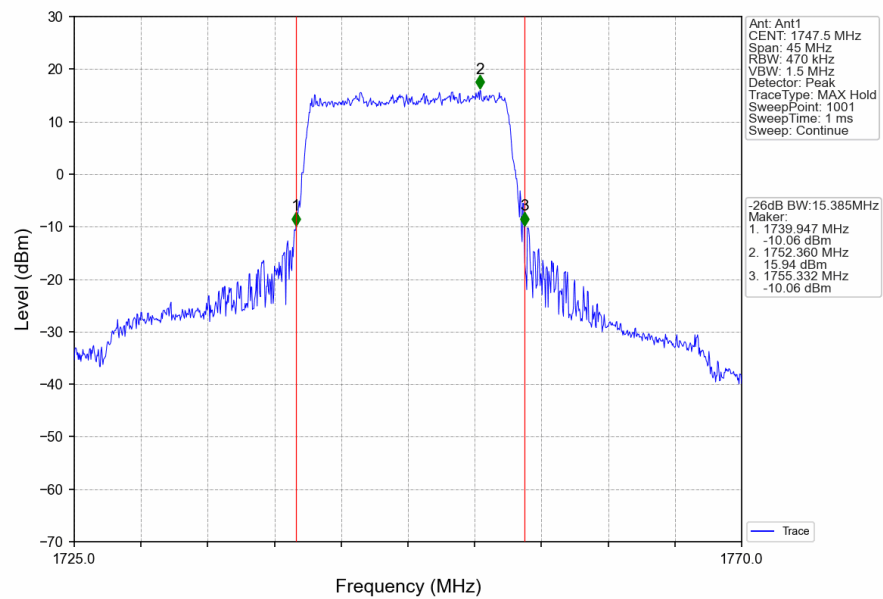
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



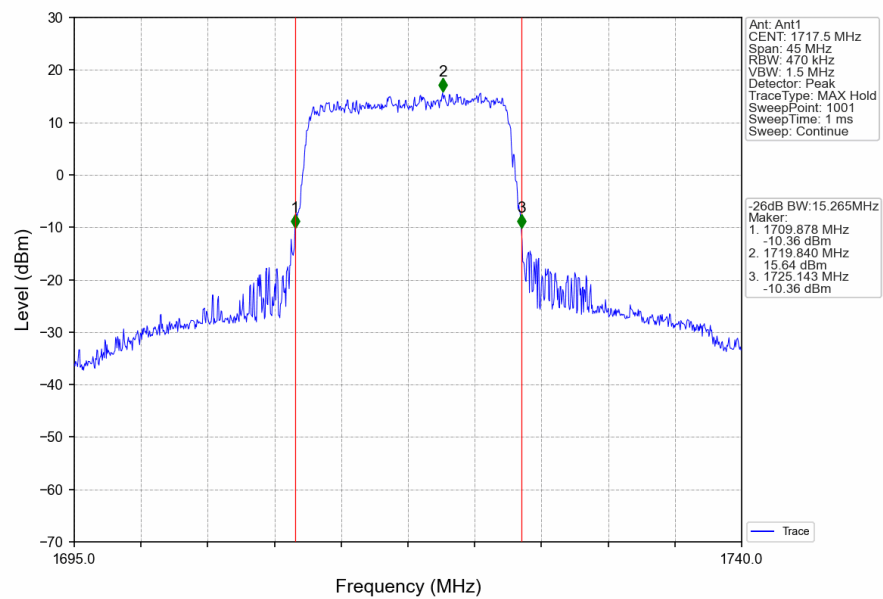
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



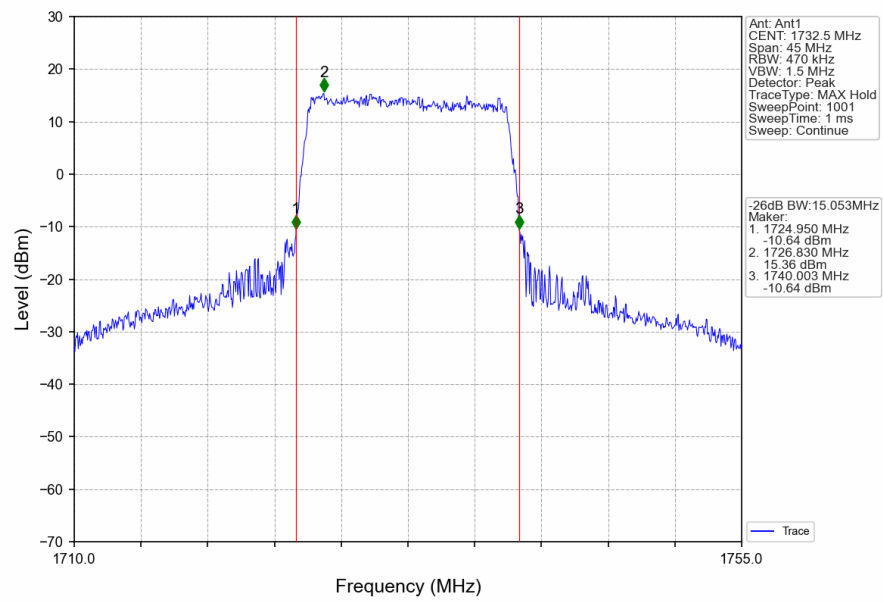
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



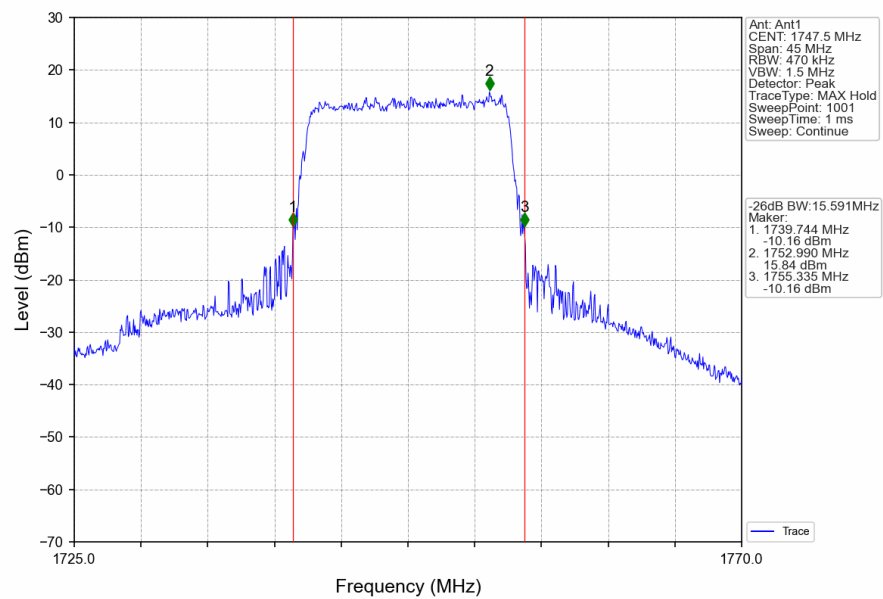
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



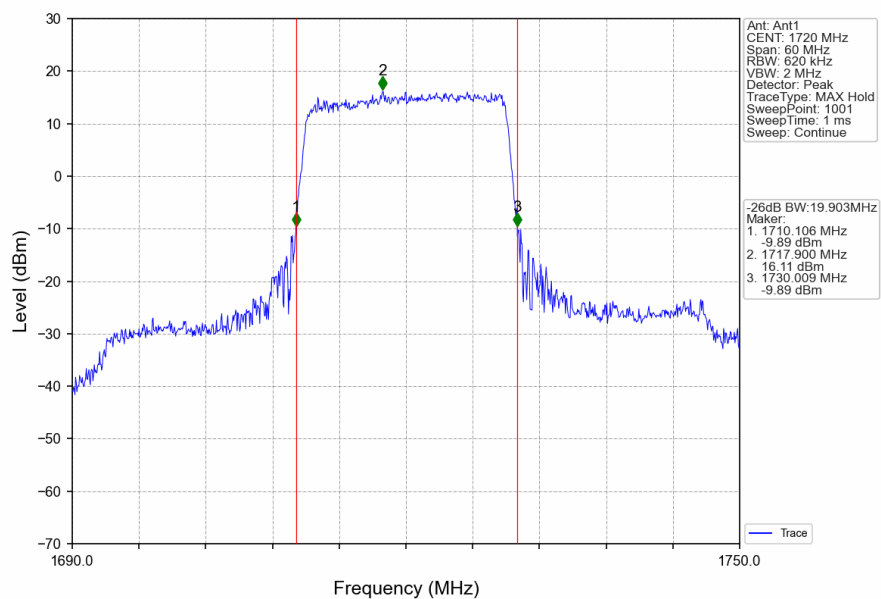
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



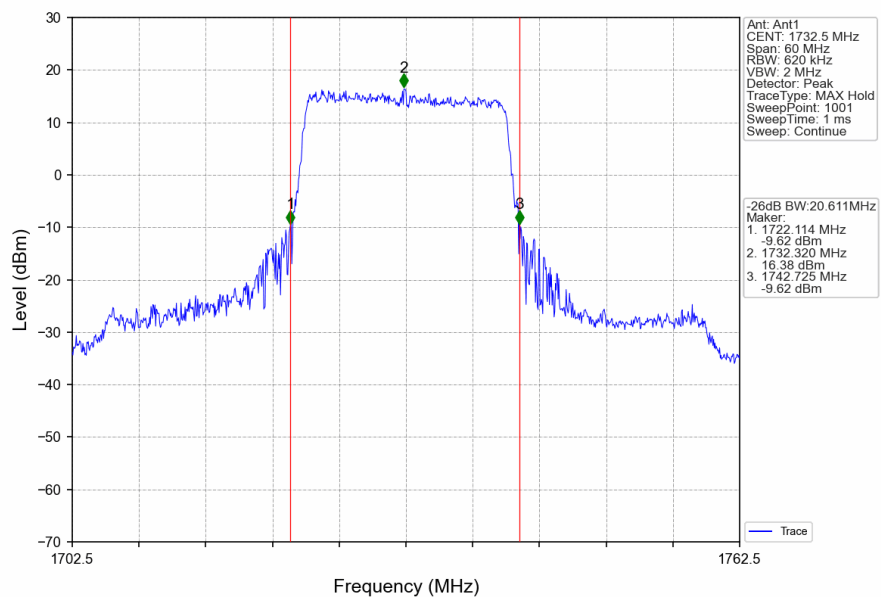
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



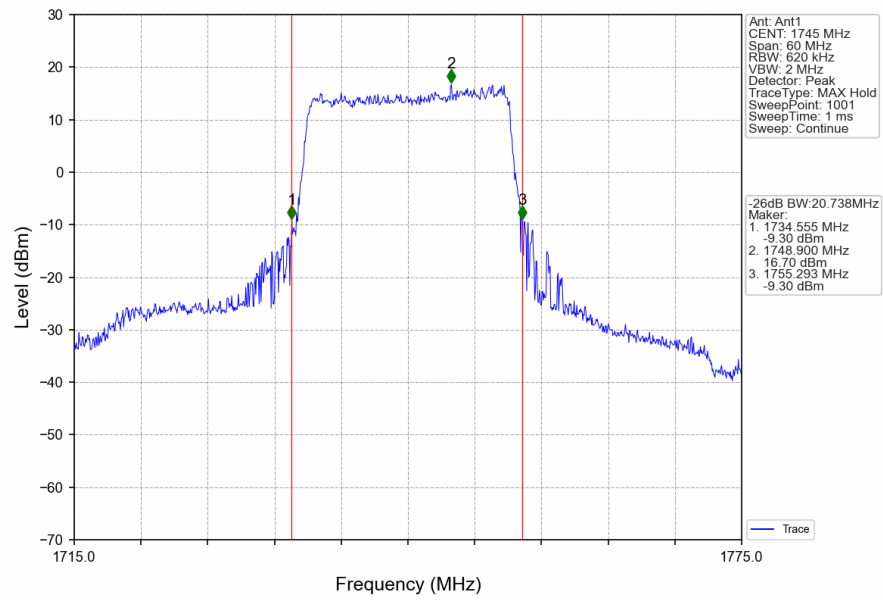
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



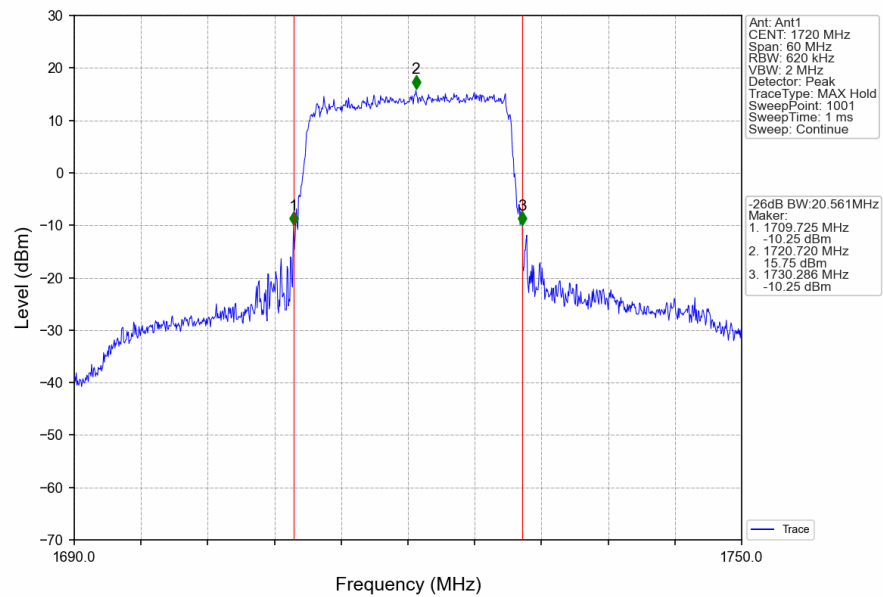
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



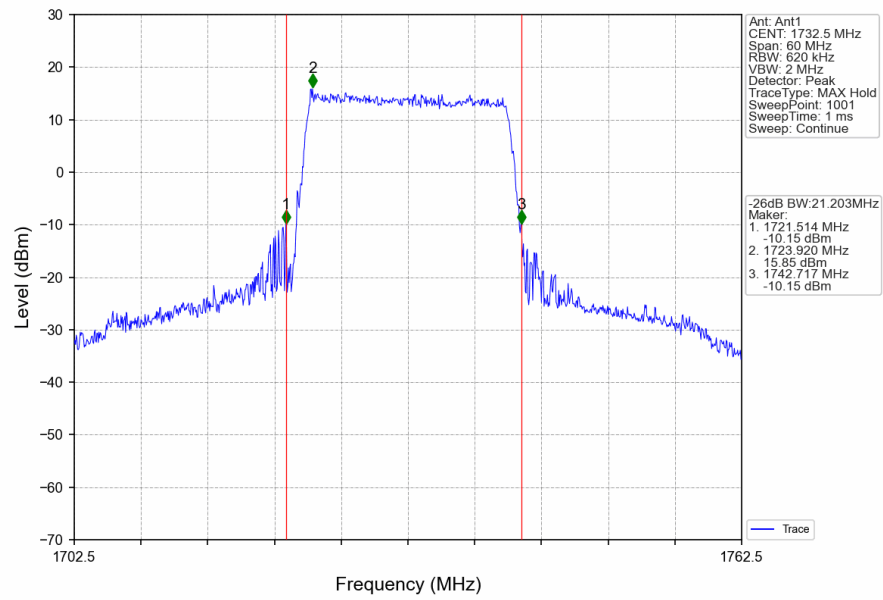
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



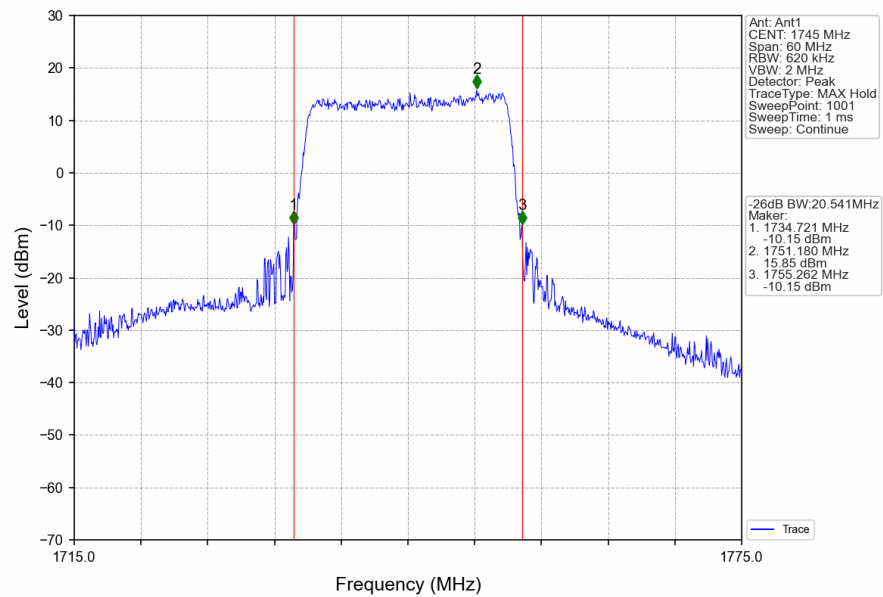
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



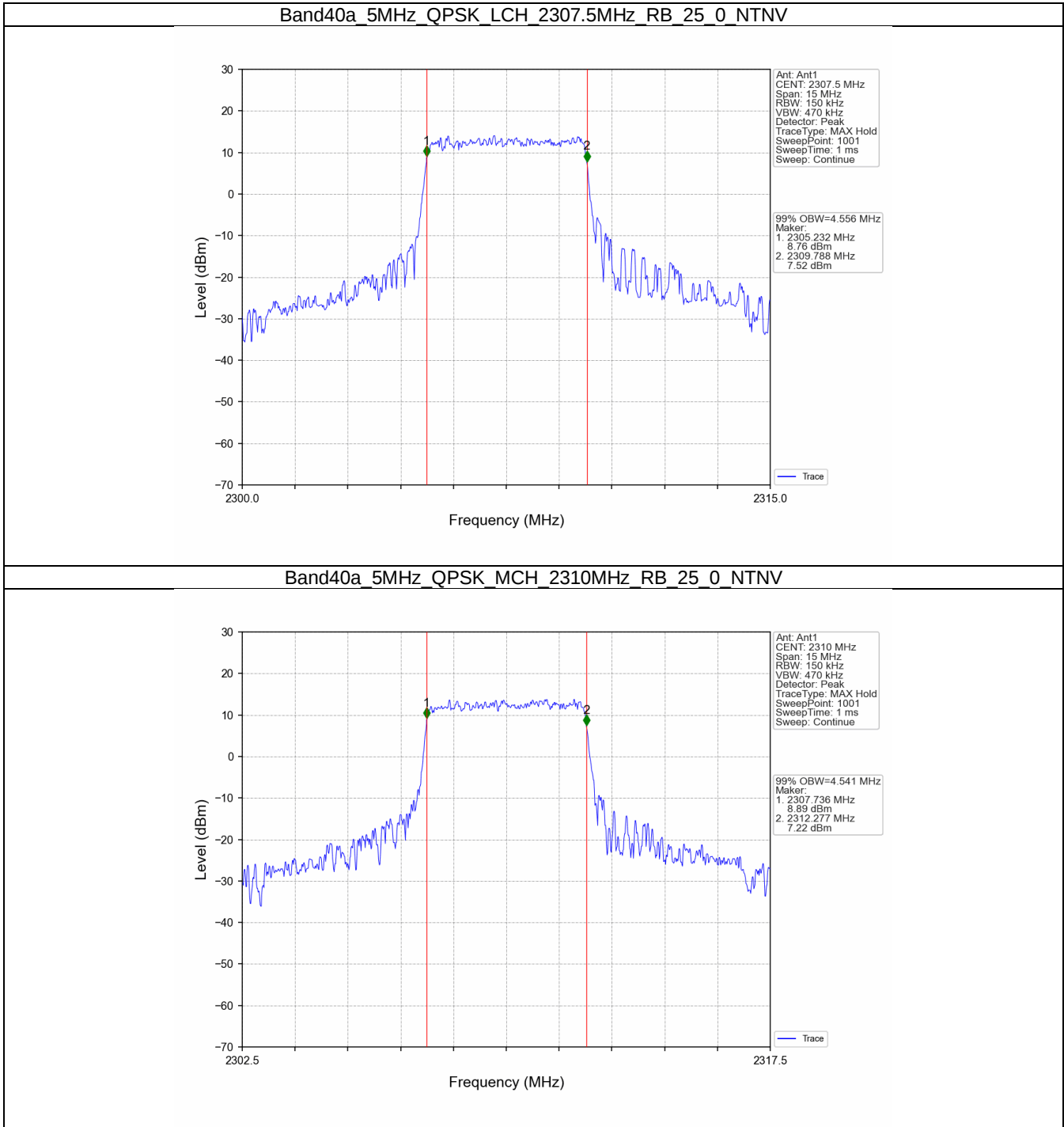
4. 99% & 26dB Bandwidth

4.1 Band40a_OBW

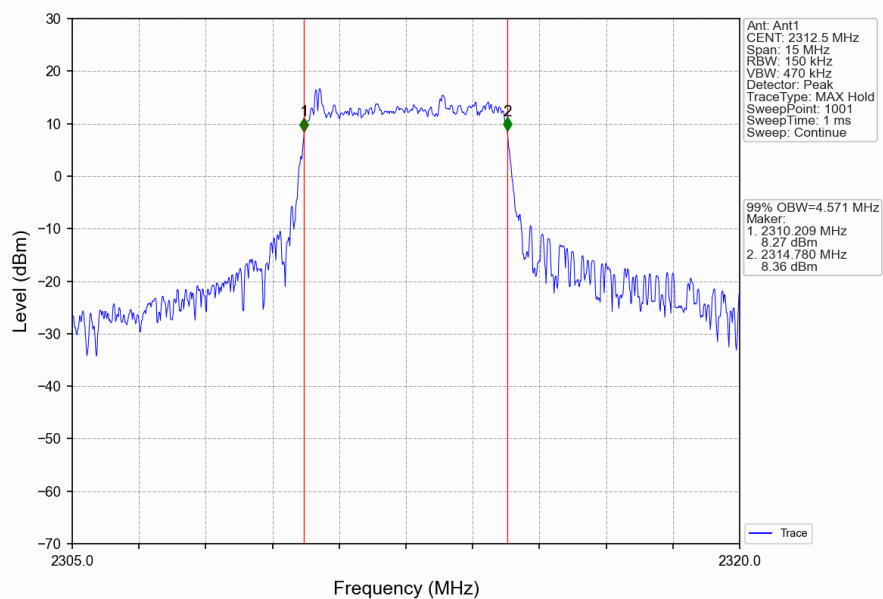
4.1.1 Test Result

Band: 40a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2307.5	25	0	4.556	Pass
		2310	25	0	4.541	Pass
		2312.5	25	0	4.571	Pass
	16QAM	2307.5	25	0	4.574	Pass
		2310	25	0	4.544	Pass
		2312.5	25	0	4.588	Pass
10	QPSK	2310	50	0	9.062	Pass
	16QAM	2310	50	0	9.064	Pass

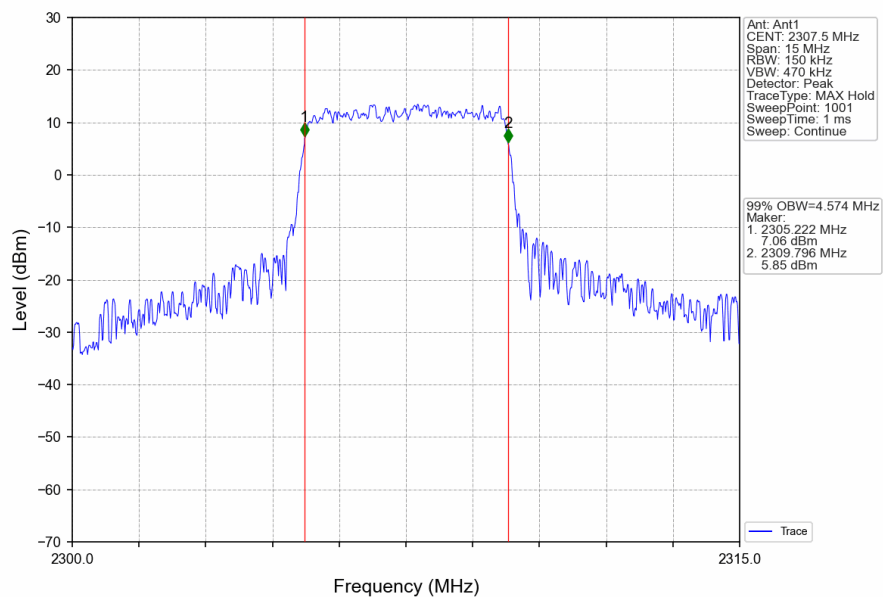
4.1.2 Test Graph



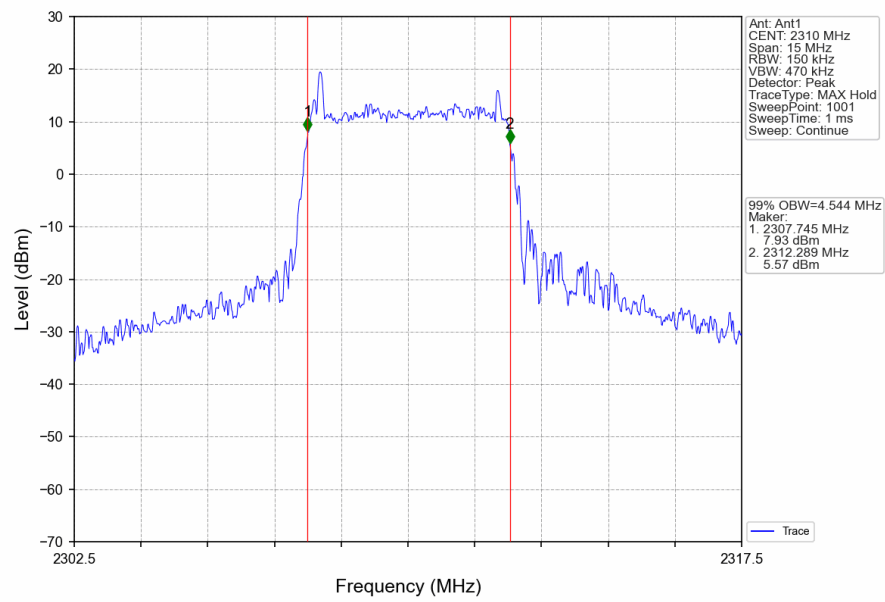
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



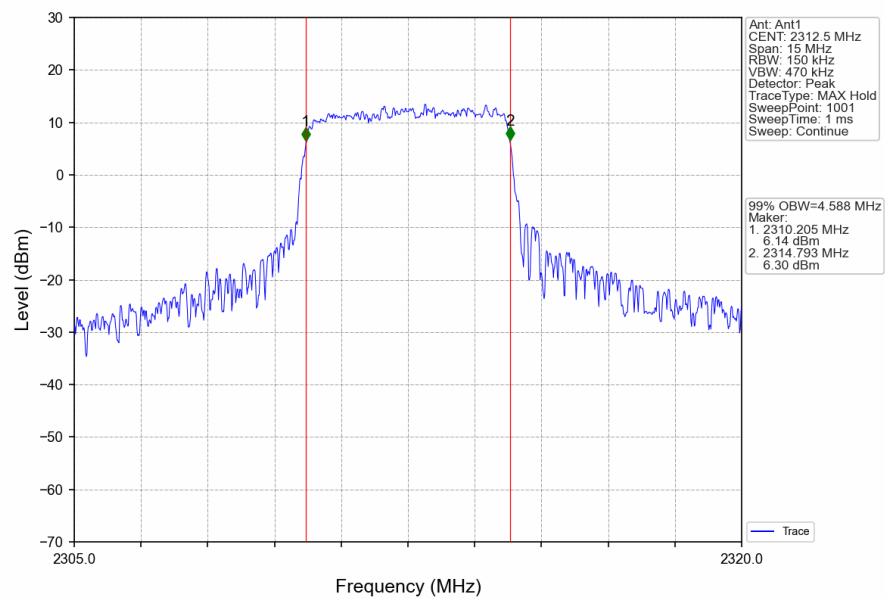
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



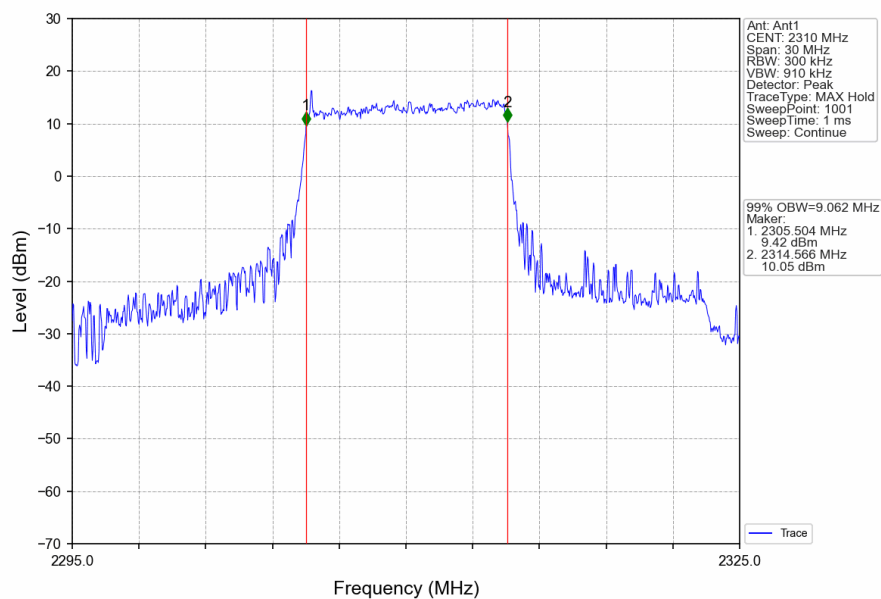
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



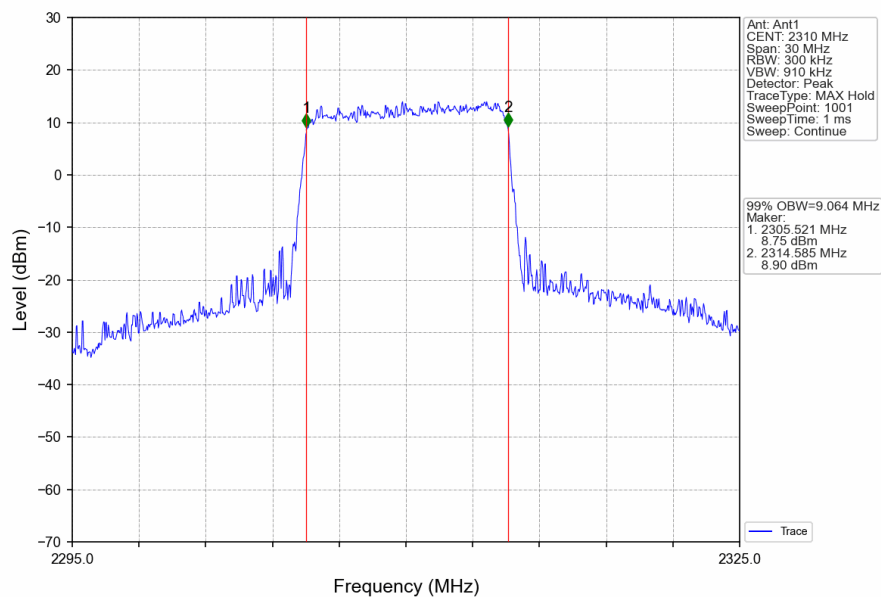
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV

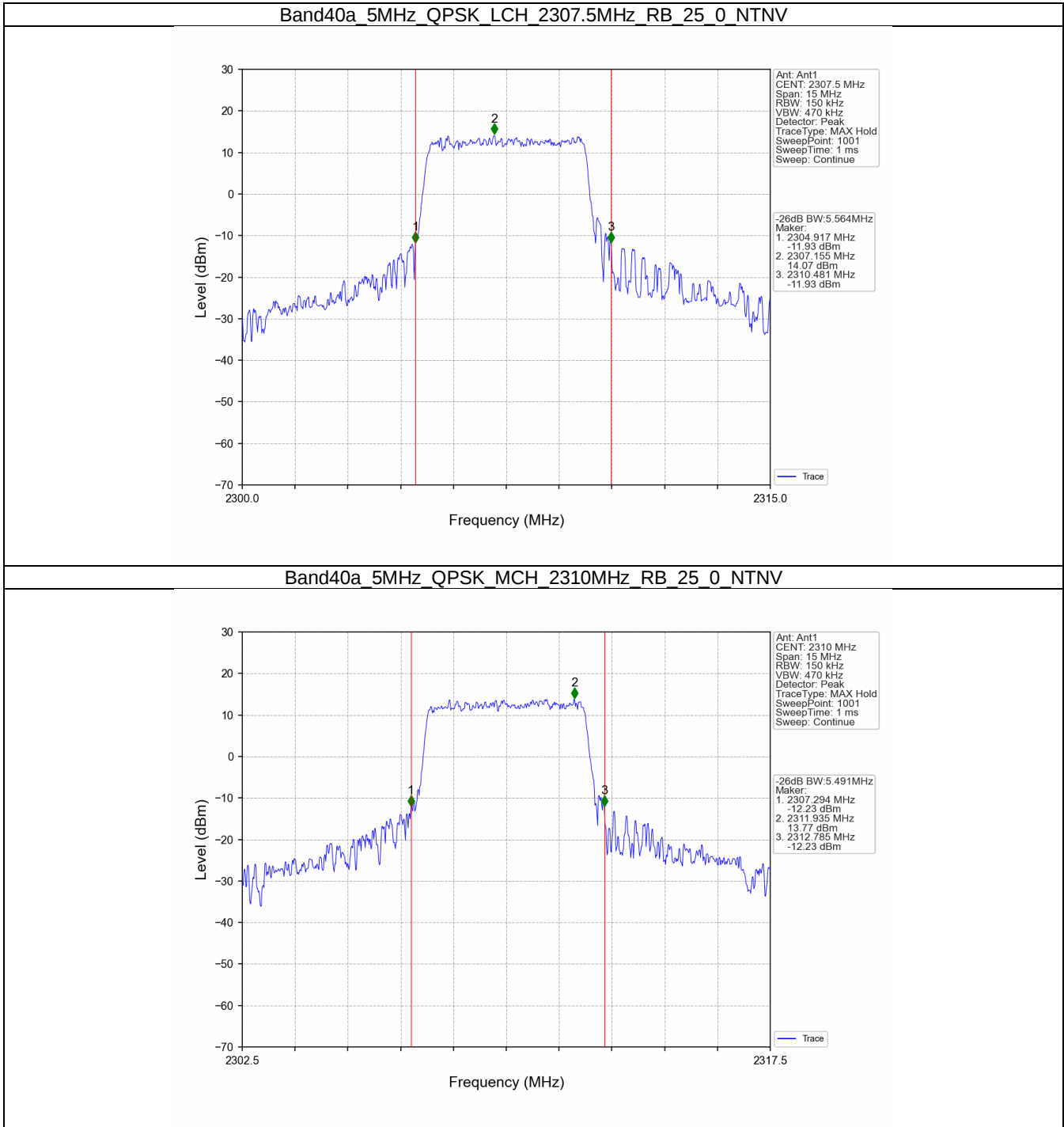


4.2 Band40a_XDB

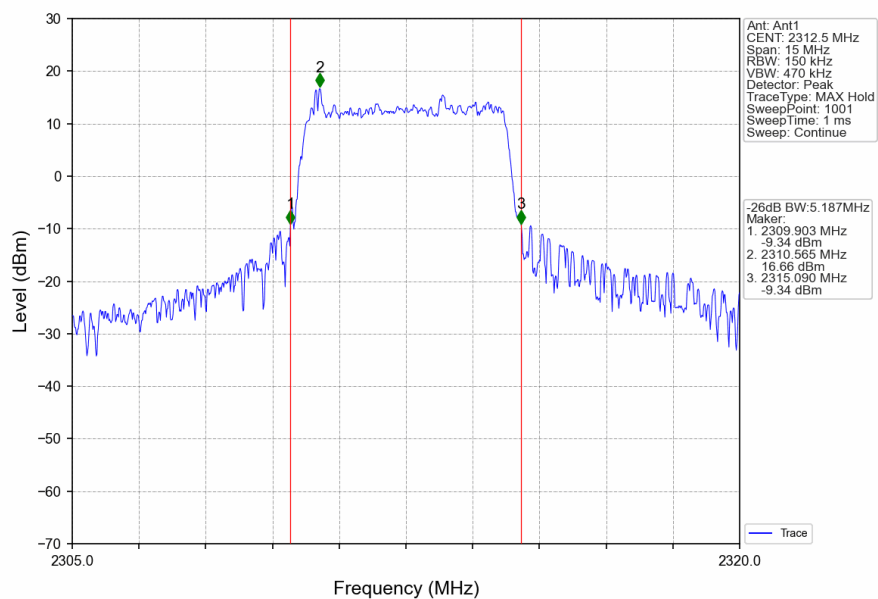
4.2.1 Test Result

Band: 40a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2307.5	25	0	5.564	Pass
		2310	25	0	5.491	Pass
		2312.5	25	0	5.187	Pass
	16QAM	2307.5	25	0	5.625	Pass
		2310	25	0	4.985	Pass
		2312.5	25	0	5.711	Pass
10	QPSK	2310	50	0	10.777	Pass
	16QAM	2310	50	0	10.294	Pass

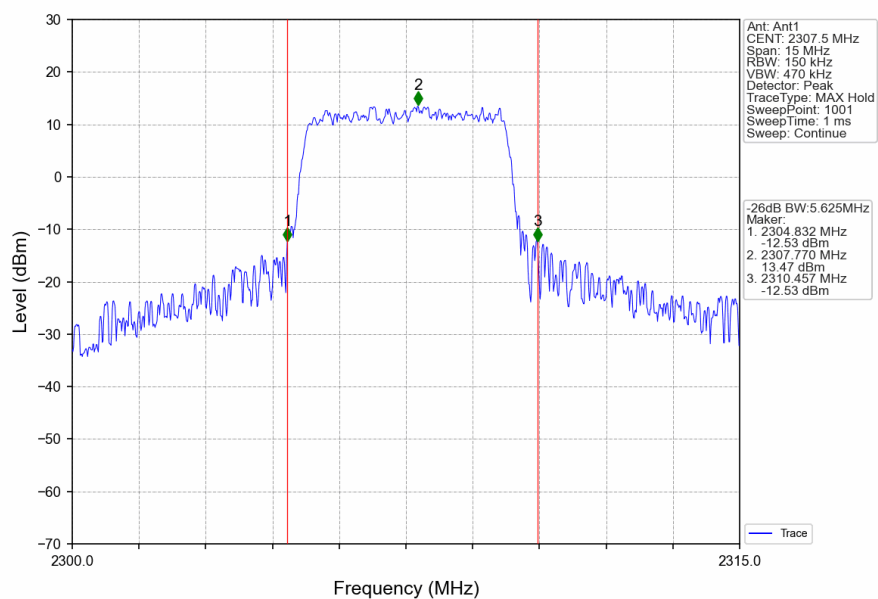
4.2.2 Test Graph



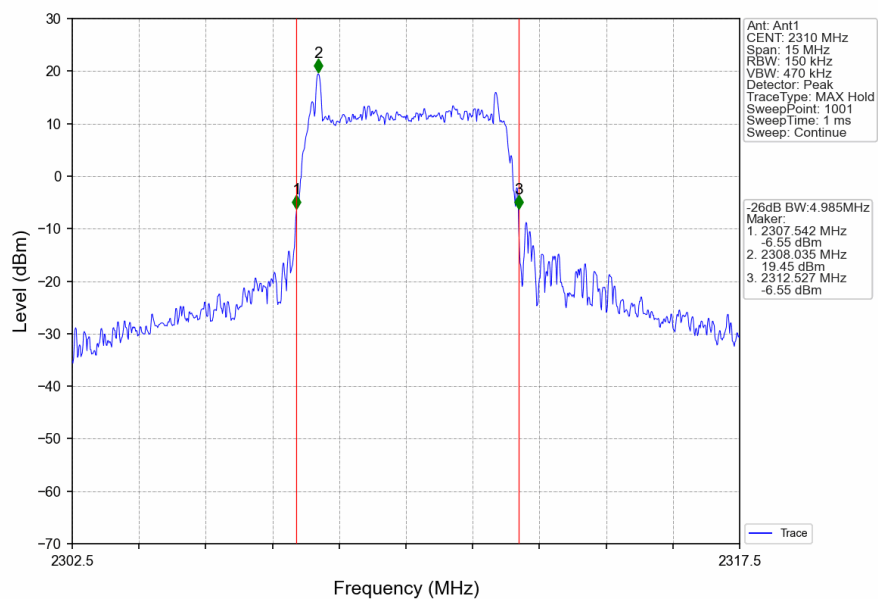
Band40a_5MHz_QPSK_HCH_2312.5MHz_RB_25_0_NTNV



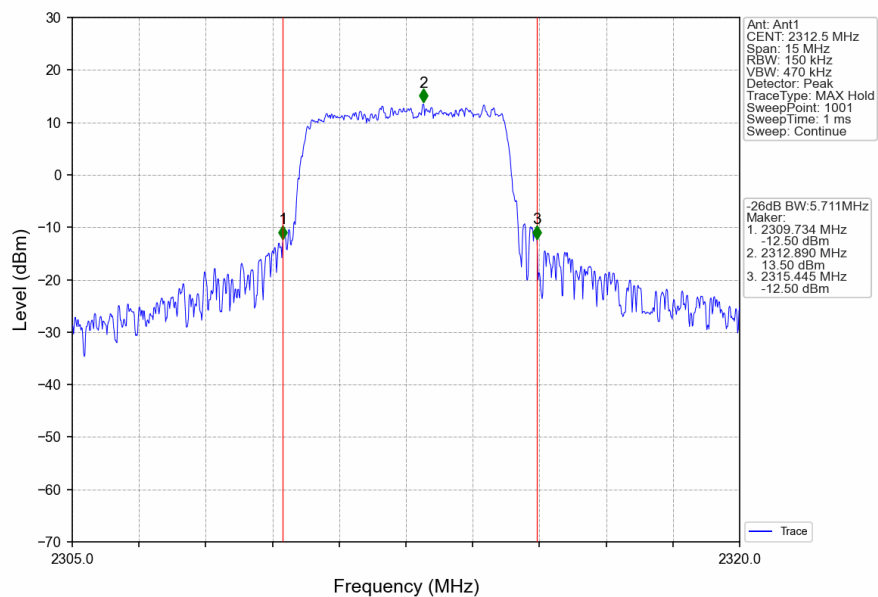
Band40a_5MHz_16QAM_LCH_2307.5MHz_RB_25_0_NTNV



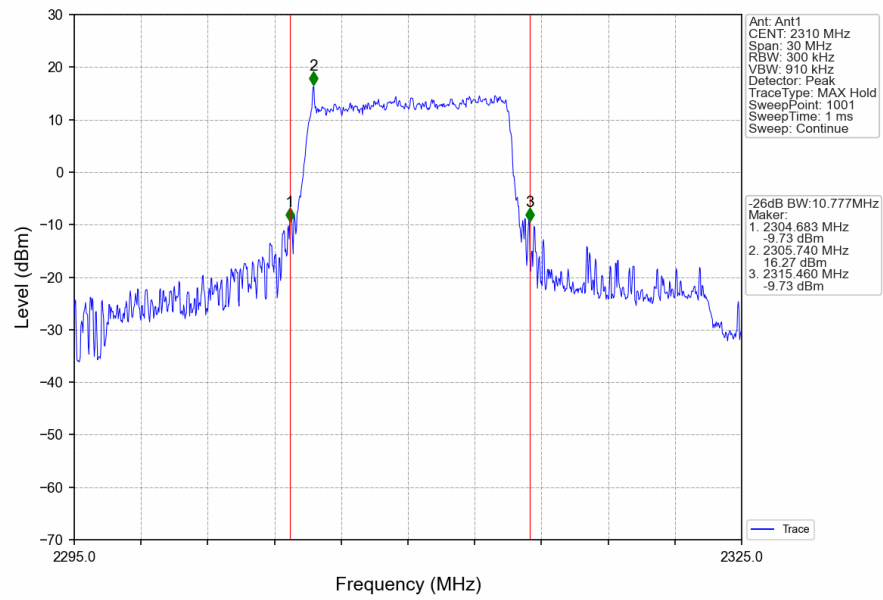
Band40a_5MHz_16QAM_MCH_2310MHz_RB_25_0_NTNV



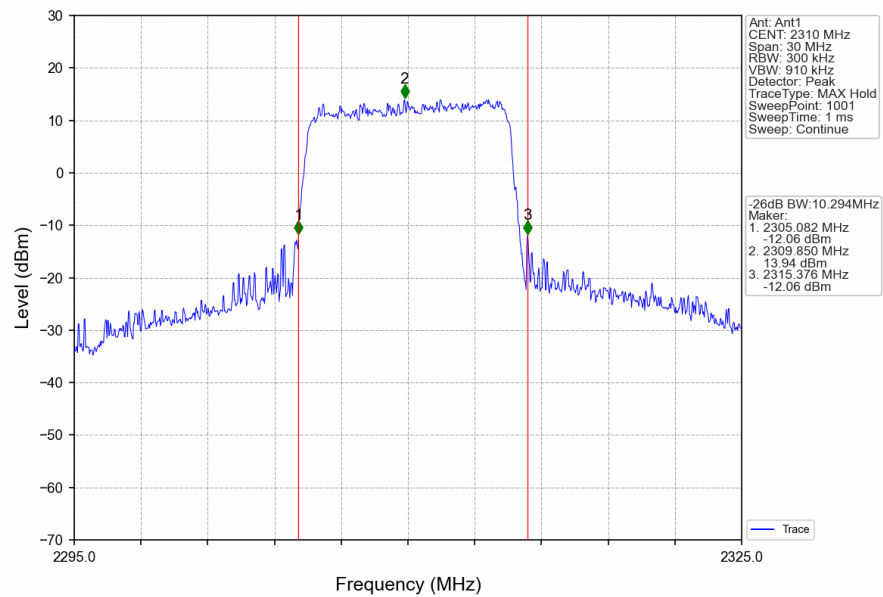
Band40a_5MHz_16QAM_HCH_2312.5MHz_RB_25_0_NTNV



Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



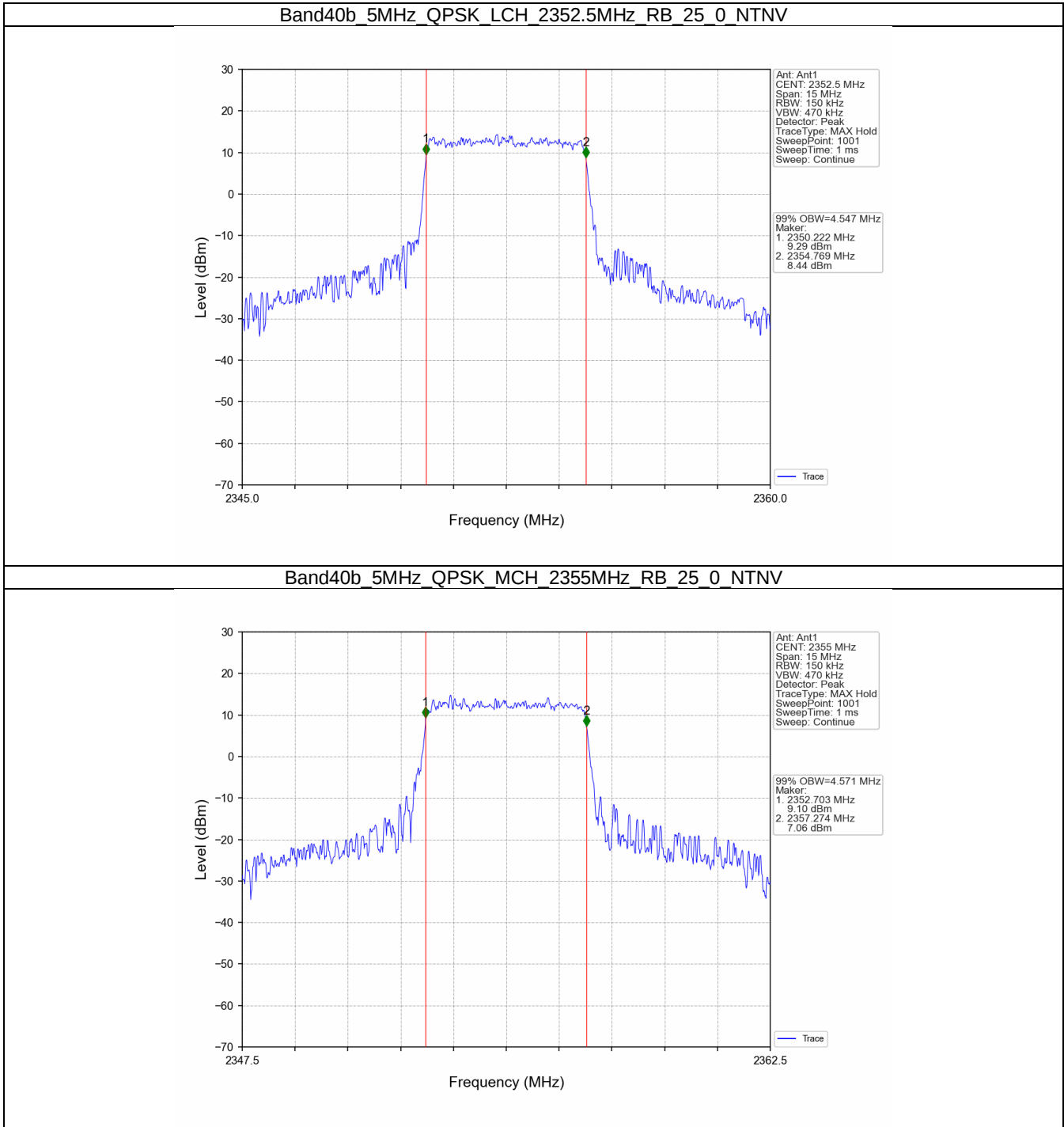
5. 99% & 26dB Bandwidth

5.1 Band40b_OBW

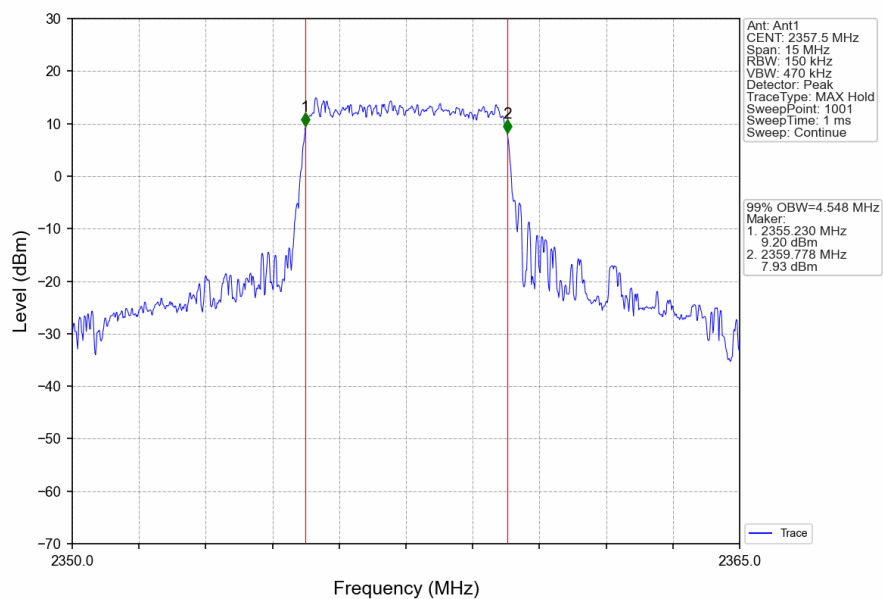
5.1.1 Test Result

Band: 40b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2352.5	25	0	4.547	Pass
		2355	25	0	4.571	Pass
		2357.5	25	0	4.548	Pass
	16QAM	2352.5	25	0	4.557	Pass
		2355	25	0	4.629	Pass
		2357.5	25	0	4.583	Pass
10	QPSK	2355	50	0	9.126	Pass
	16QAM	2355	50	0	9.113	Pass

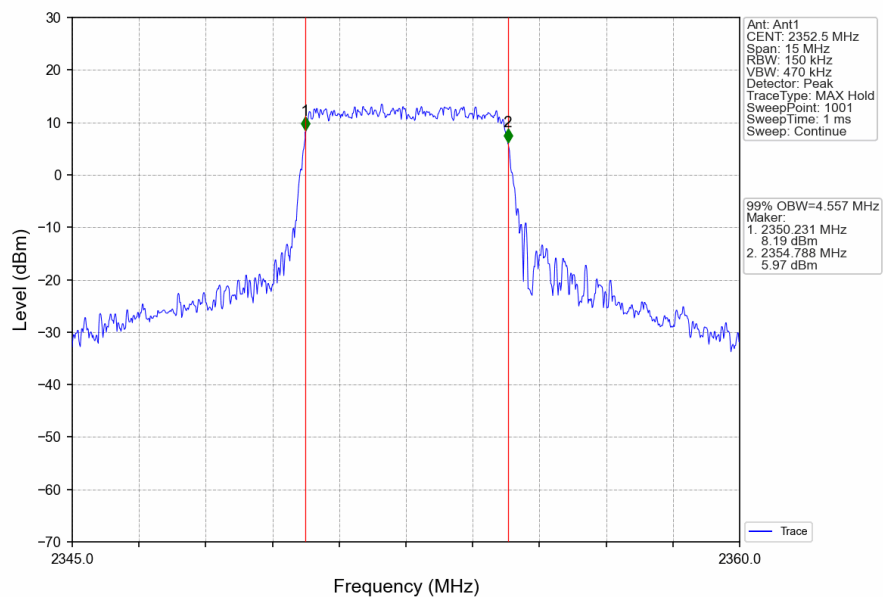
5.1.2 Test Graph



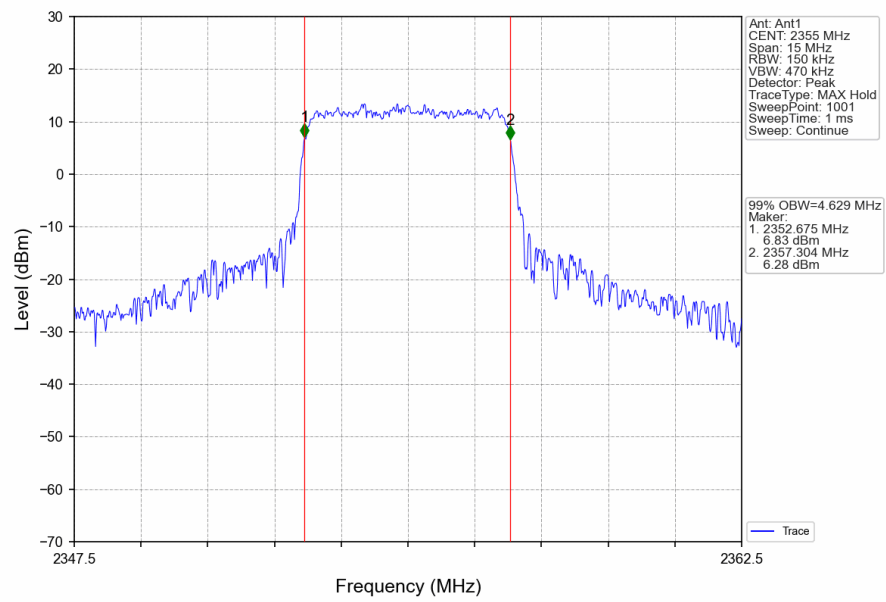
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



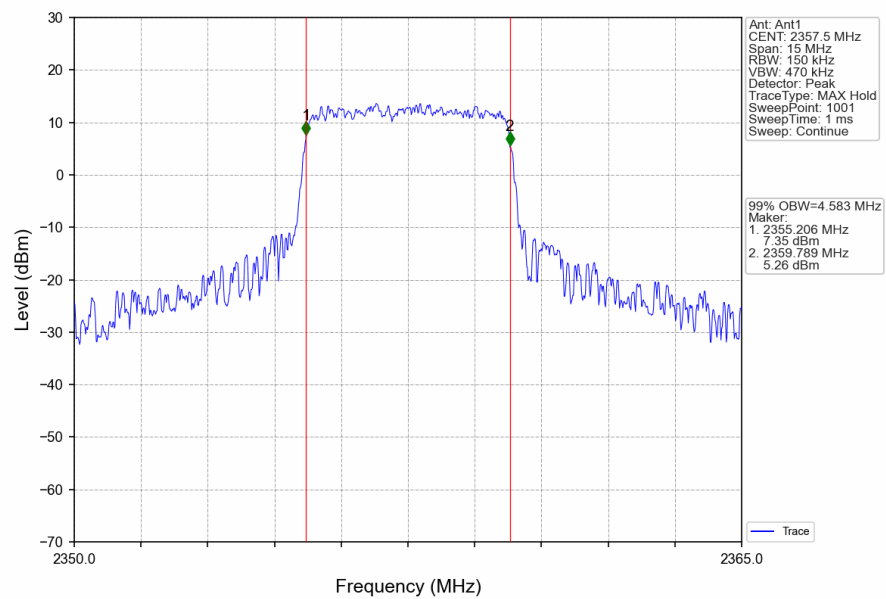
Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV



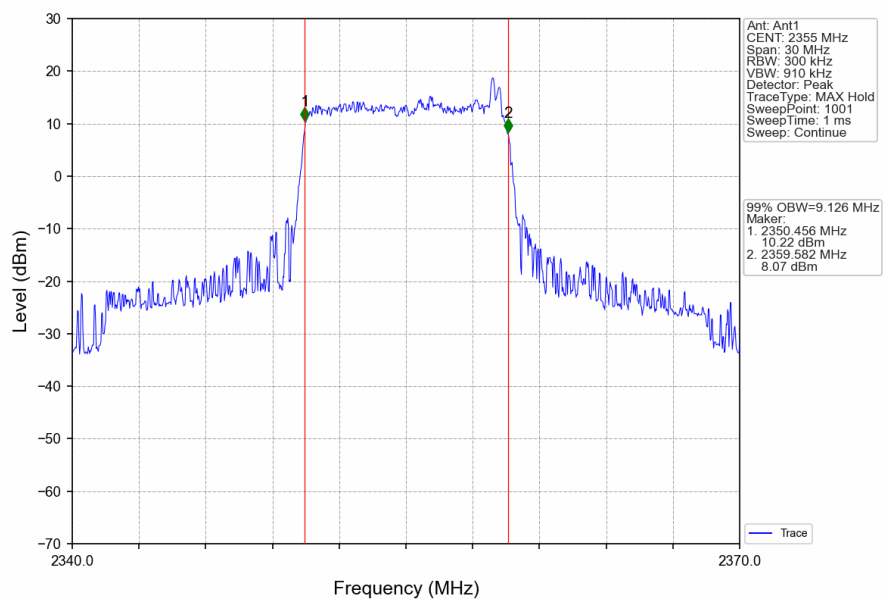
Band40b_5MHz_16QAM_MCH_2355MHz_RB_25_0_NTNV



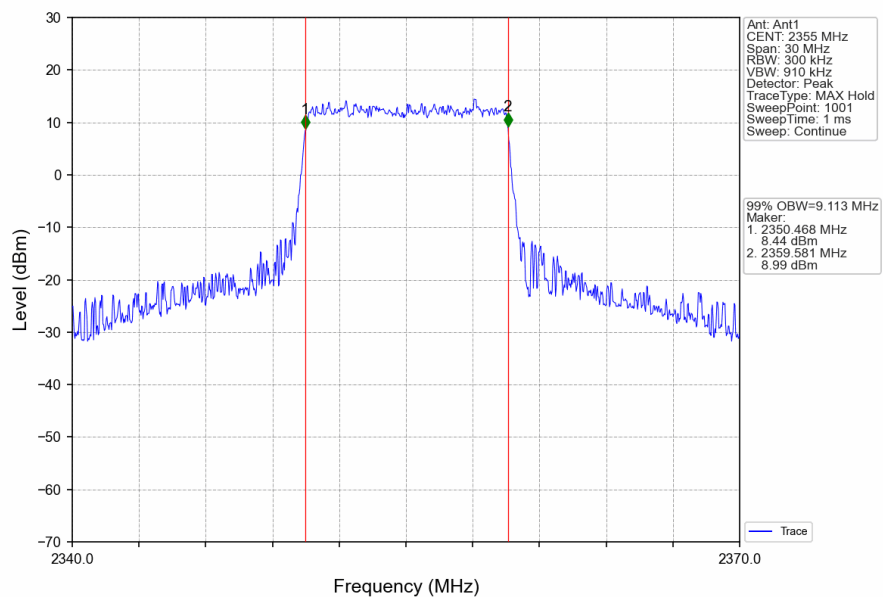
Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_25_0_NTNV



Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV

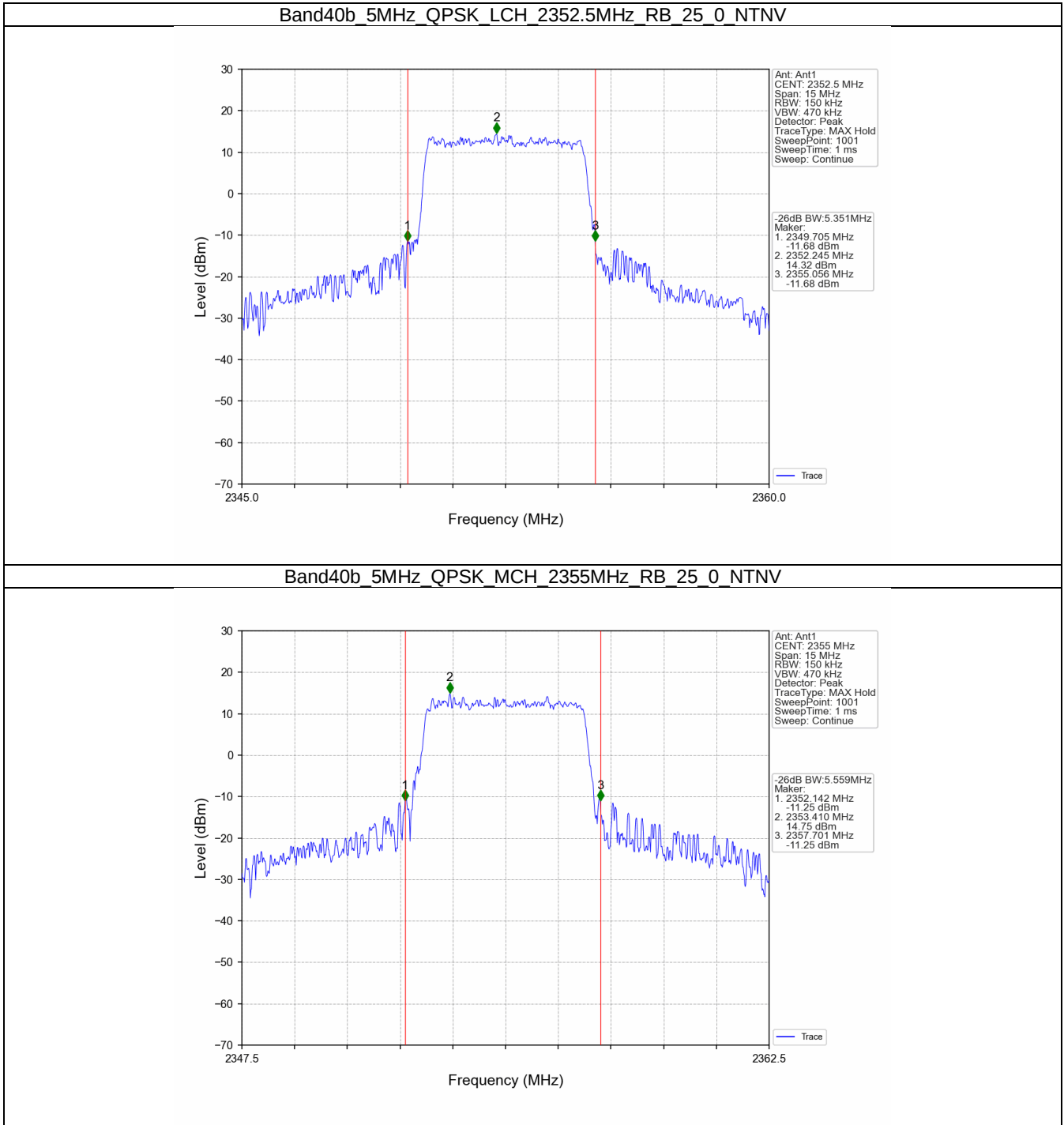


5.2 Band40b_XDB

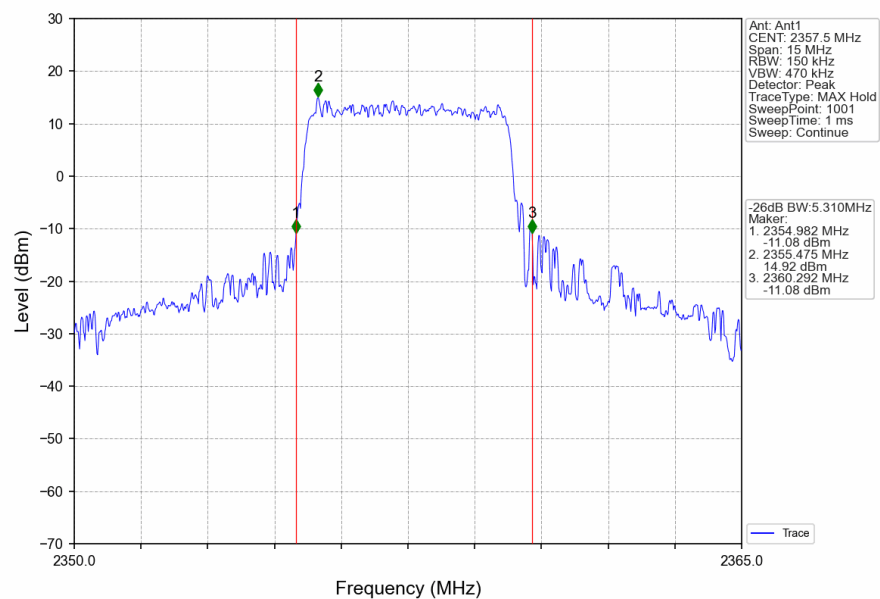
5.2.1 Test Result

Band: 40b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2352.5	25	0	5.351	Pass
		2355	25	0	5.559	Pass
		2357.5	25	0	5.310	Pass
	16QAM	2352.5	25	0	5.279	Pass
		2355	25	0	5.620	Pass
		2357.5	25	0	5.936	Pass
10	QPSK	2355	50	0	9.854	Pass
	16QAM	2355	50	0	10.181	Pass

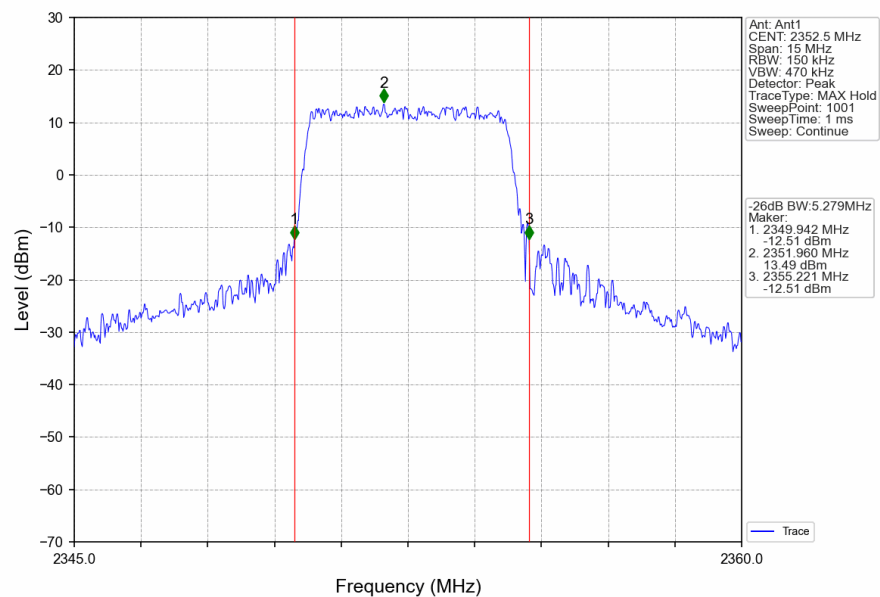
5.2.2 Test Graph



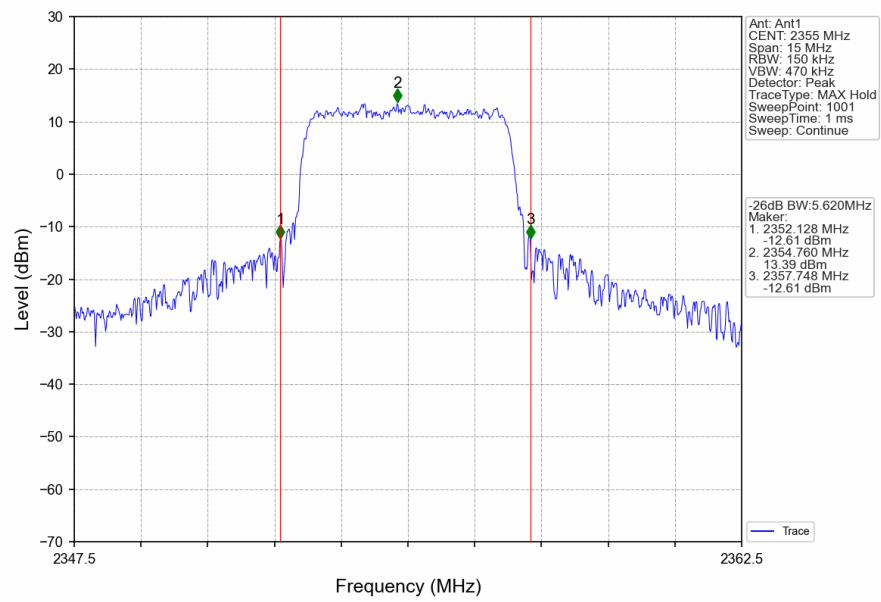
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



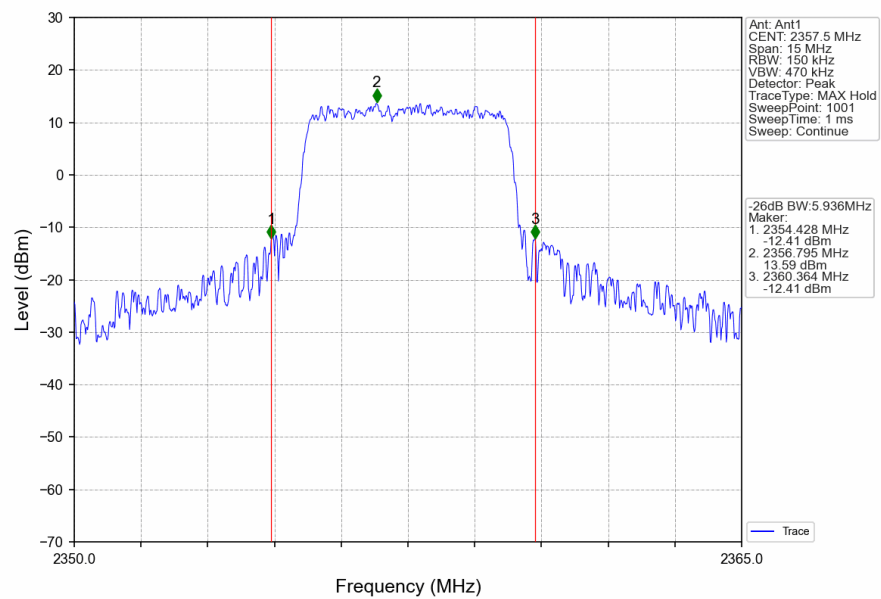
Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV



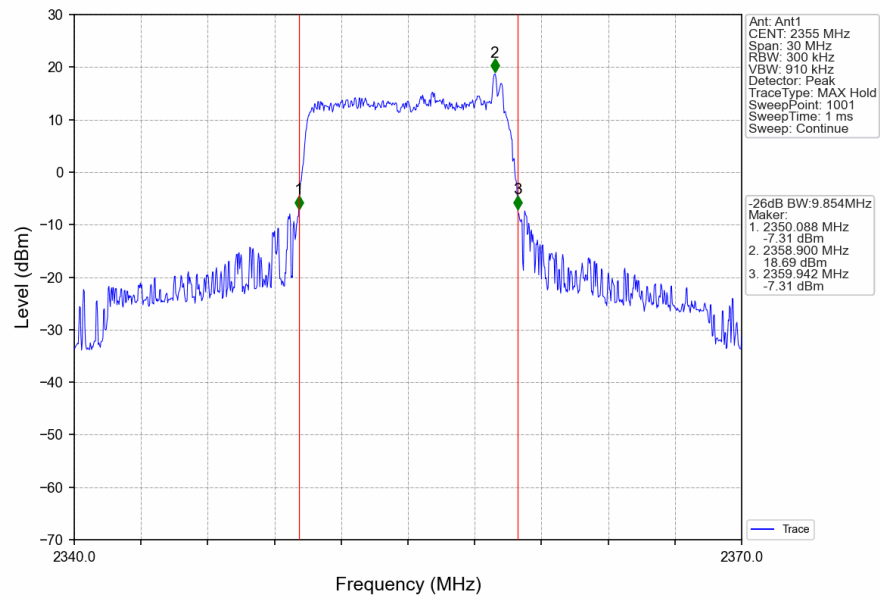
Band40b_5MHz_16QAM_MCH_2355MHz_RB_25_0_NTNV



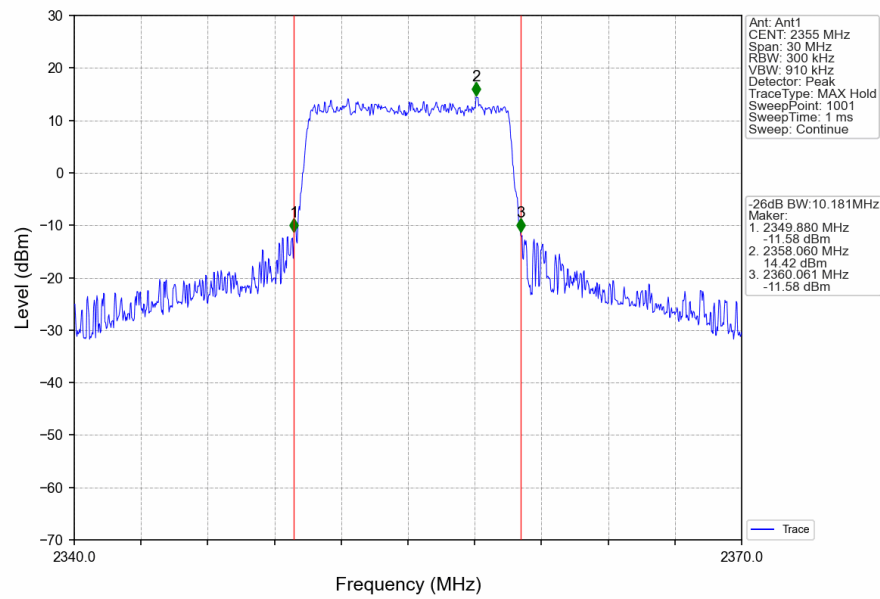
Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_25_0_NTNV



Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV



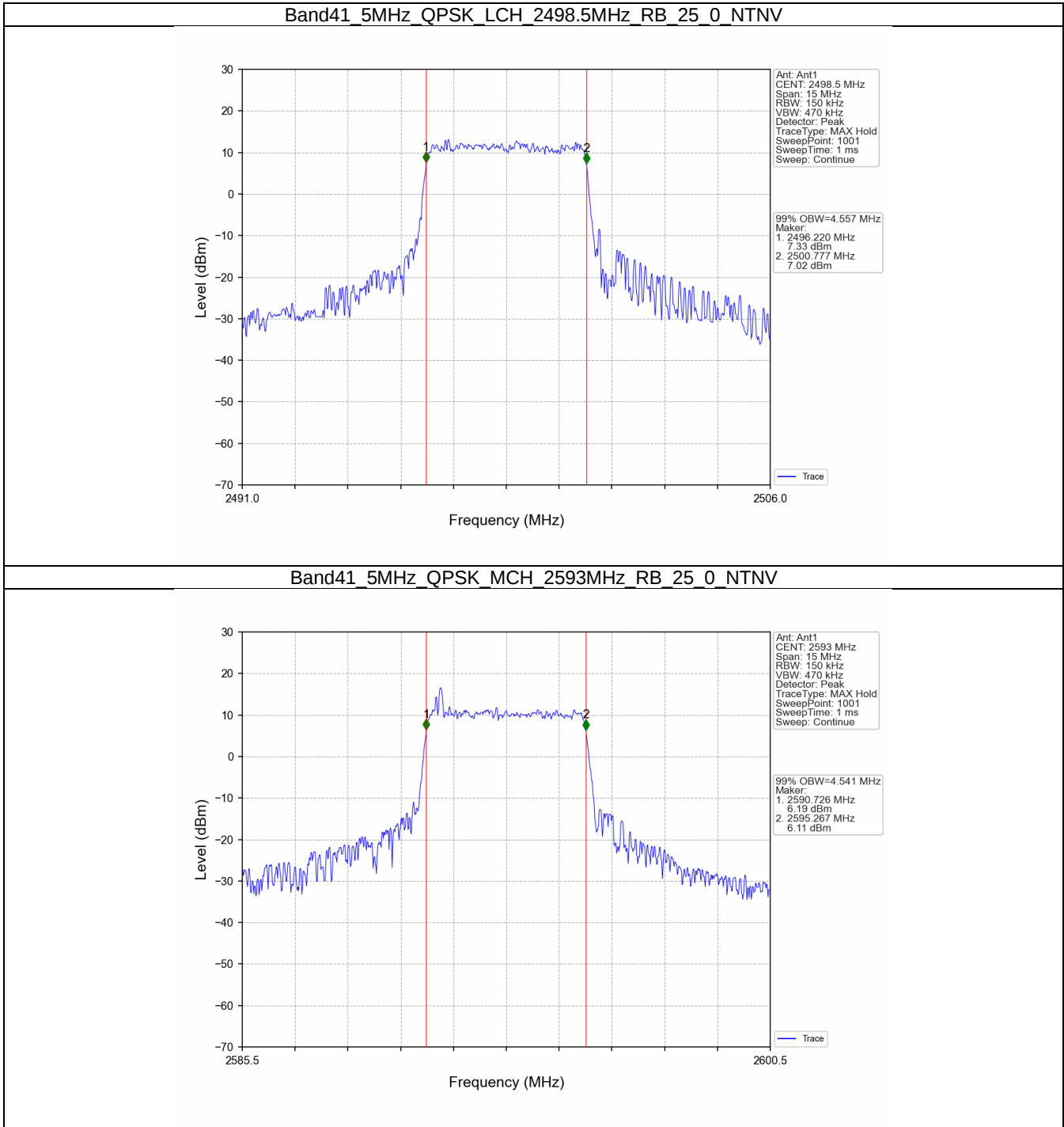
6. 99% & 26dB Bandwidth

6.1 Band41_OBW

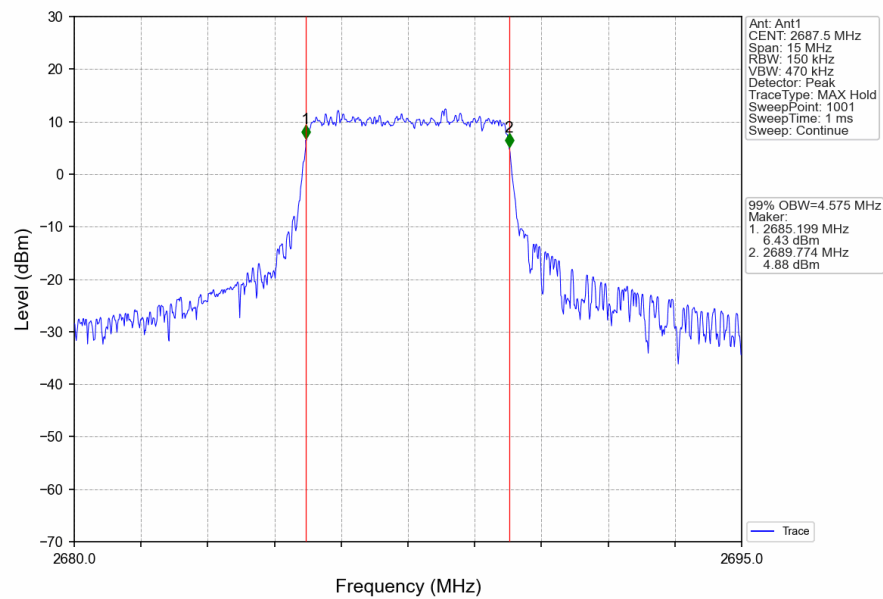
6.1.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.557	Pass
		2593	25	0	4.541	Pass
		2687.5	25	0	4.575	Pass
	16QAM	2498.5	25	0	4.562	Pass
		2593	25	0	4.600	Pass
		2687.5	25	0	4.564	Pass
10	QPSK	2501	50	0	9.076	Pass
		2593	50	0	9.073	Pass
		2685	50	0	9.049	Pass
	16QAM	2501	50	0	9.090	Pass
		2593	50	0	9.070	Pass
		2685	50	0	9.057	Pass
15	QPSK	2503.5	75	0	13.687	Pass
		2593	75	0	13.602	Pass
		2682.5	75	0	13.557	Pass
	16QAM	2503.5	75	0	13.603	Pass
		2593	75	0	13.624	Pass
		2682.5	75	0	13.618	Pass
20	QPSK	2506	100	0	18.129	Pass
		2593	100	0	18.135	Pass
		2680	100	0	18.008	Pass
	16QAM	2506	100	0	18.130	Pass
		2593	100	0	18.163	Pass
		2680	100	0	18.149	Pass

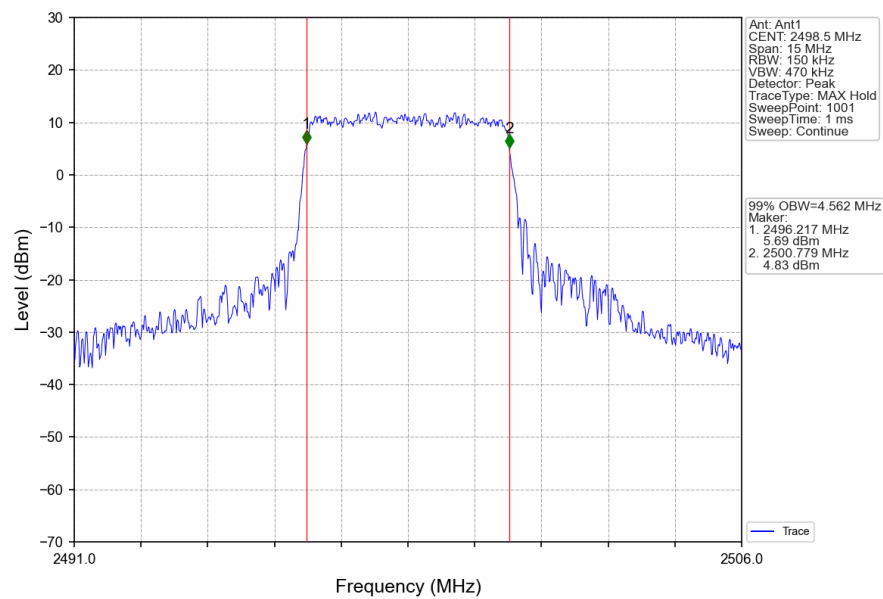
6.1.2 Test Graph



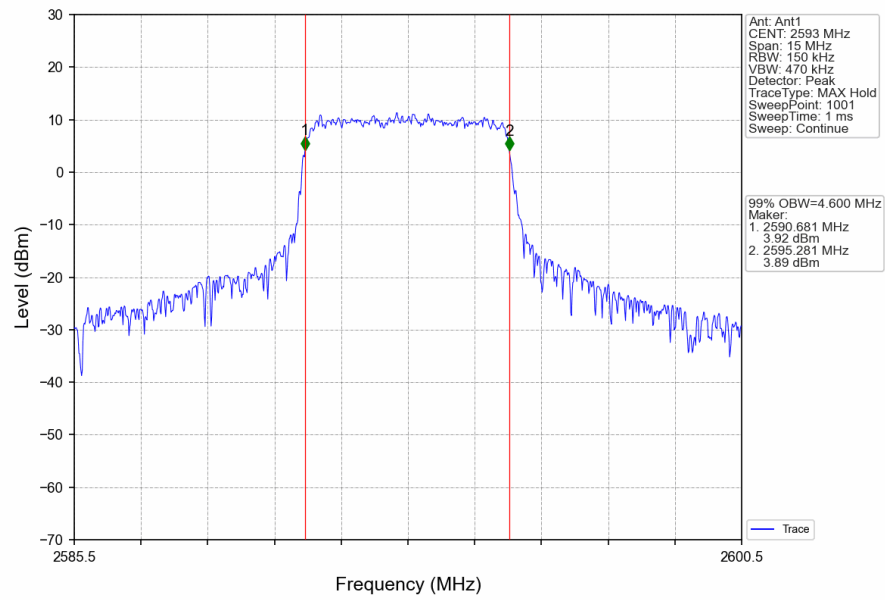
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



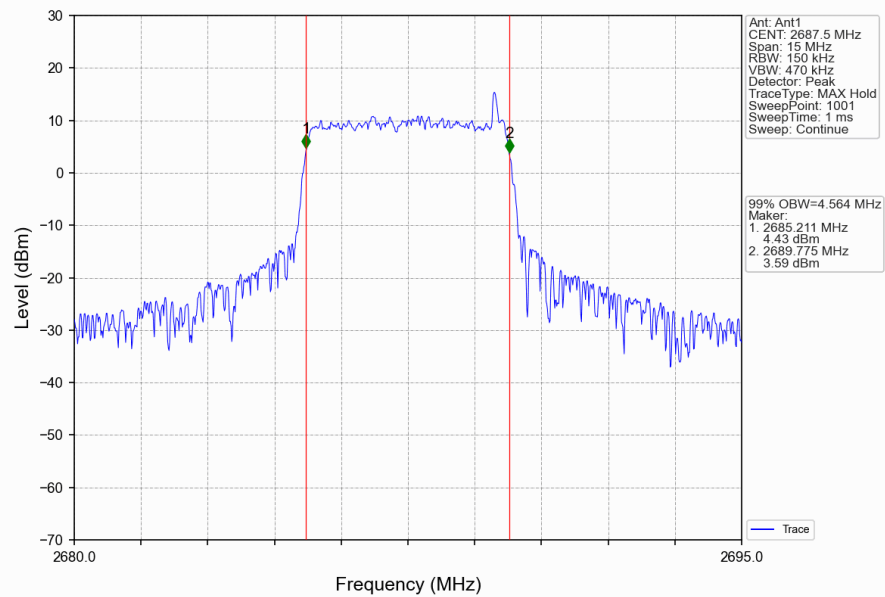
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



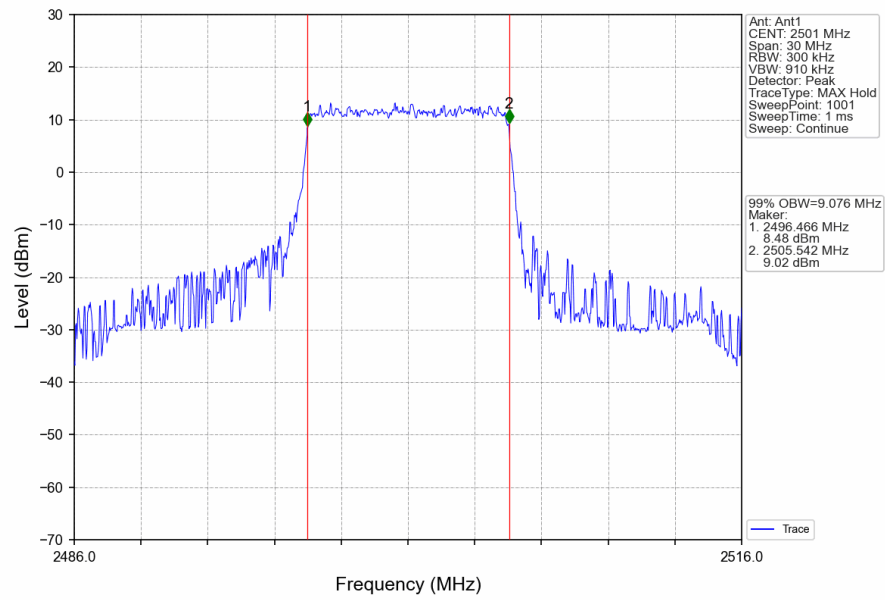
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



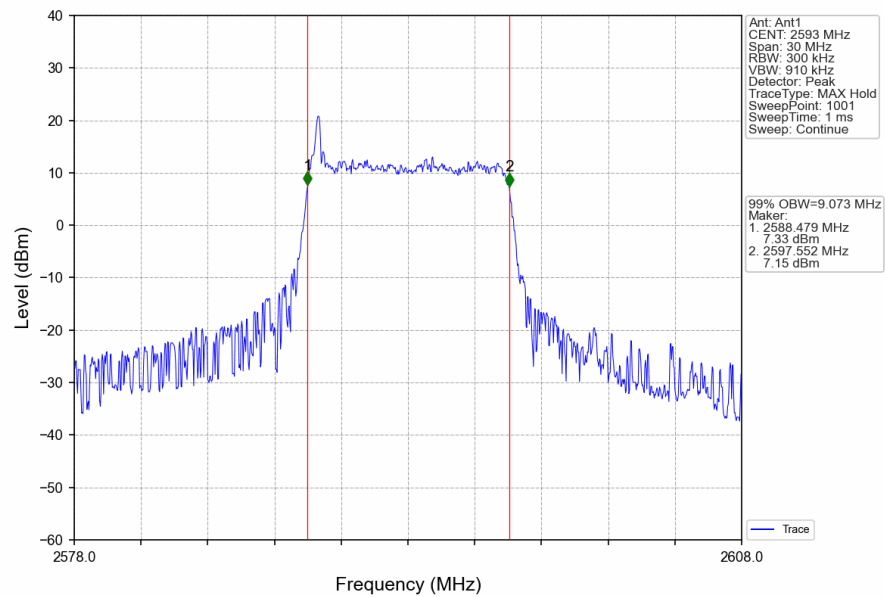
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



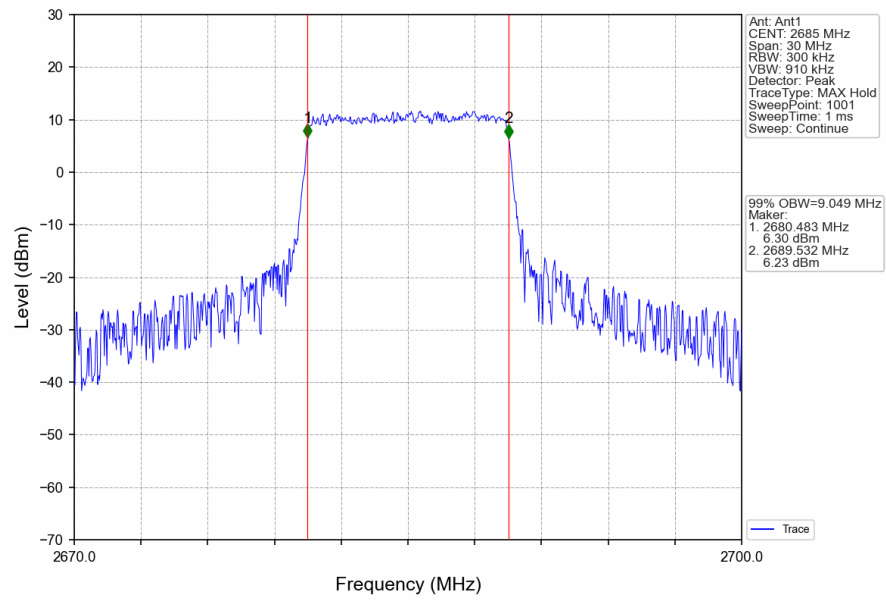
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



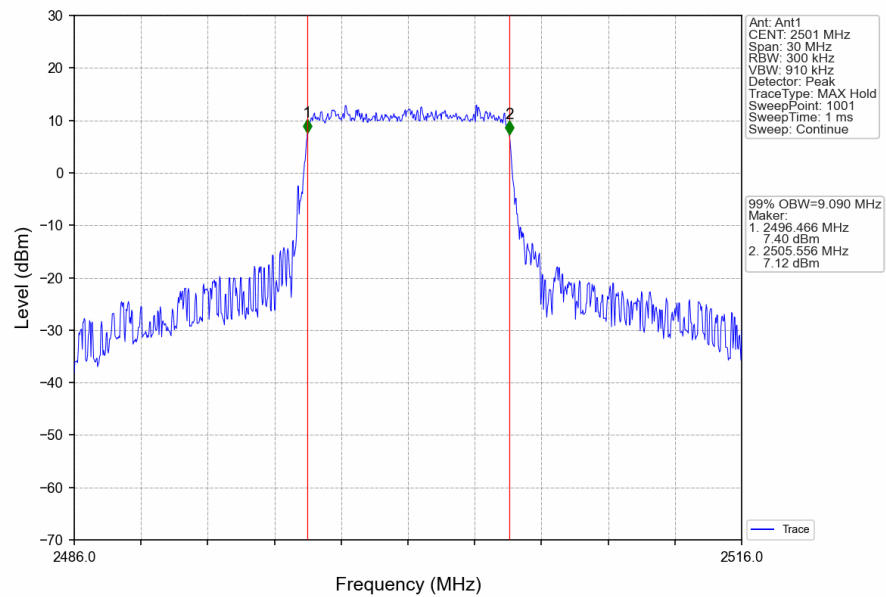
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



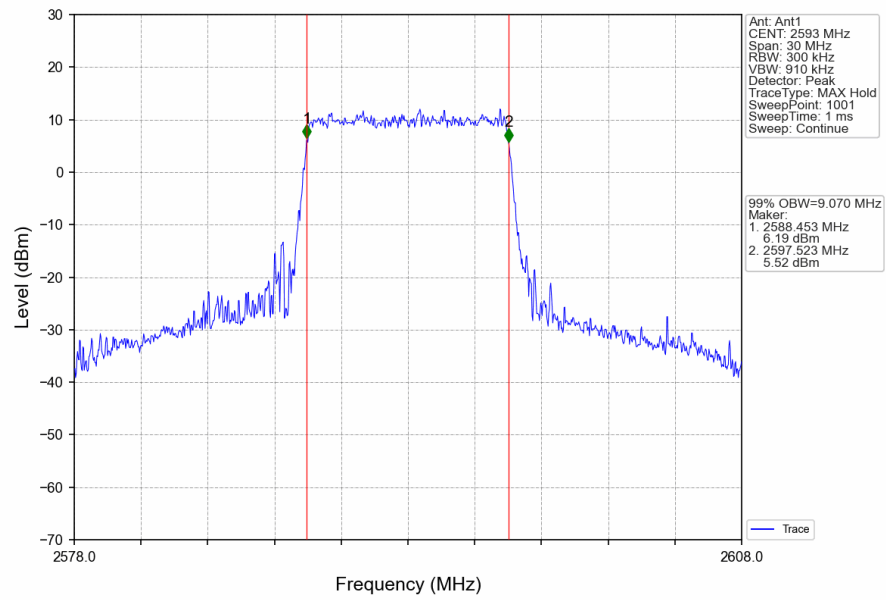
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



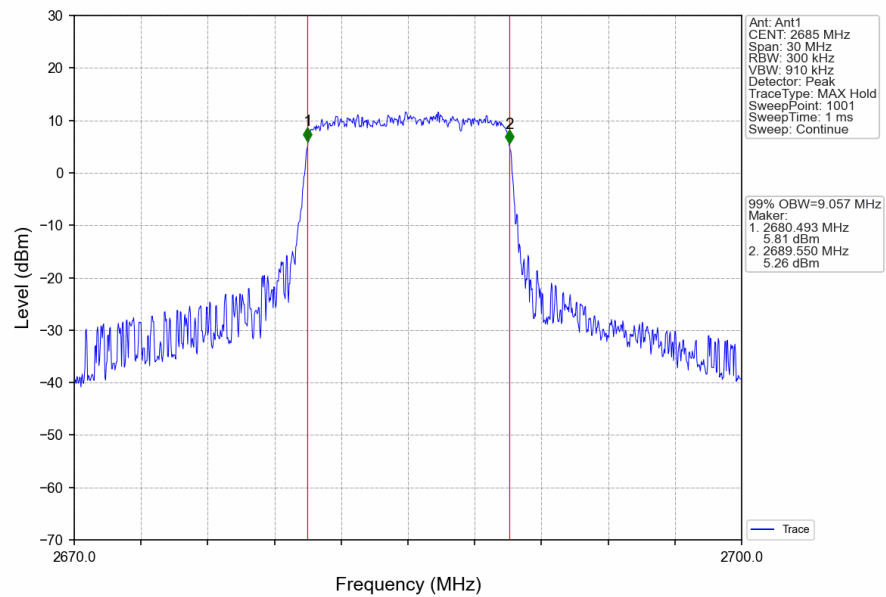
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



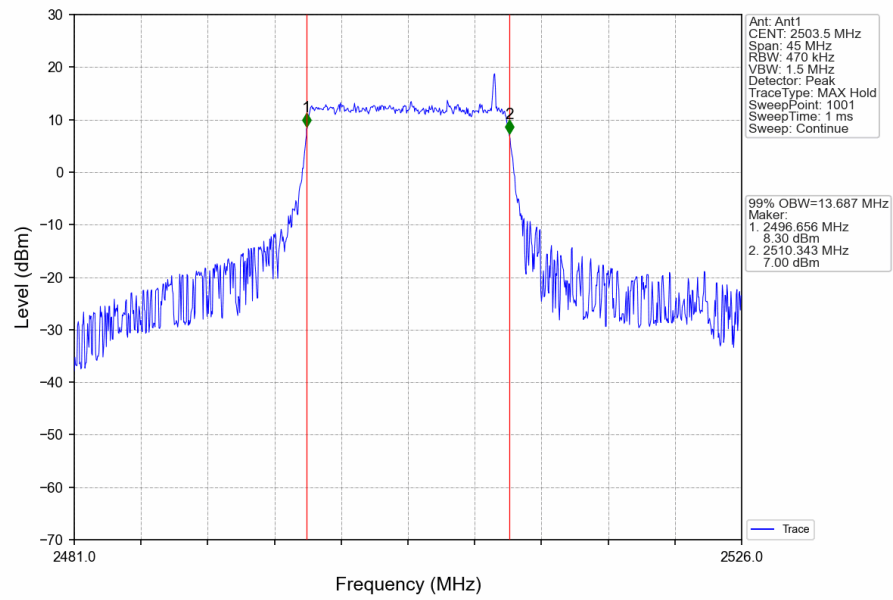
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



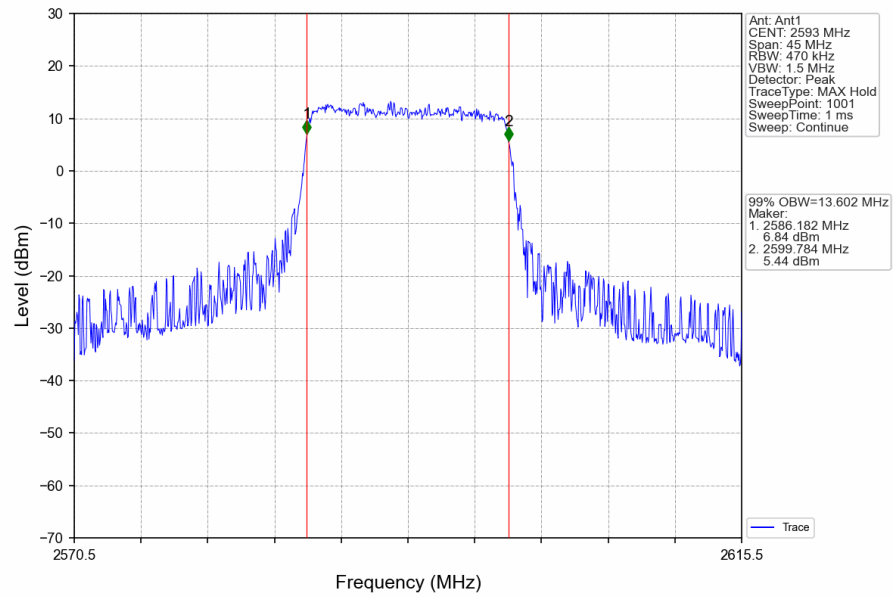
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



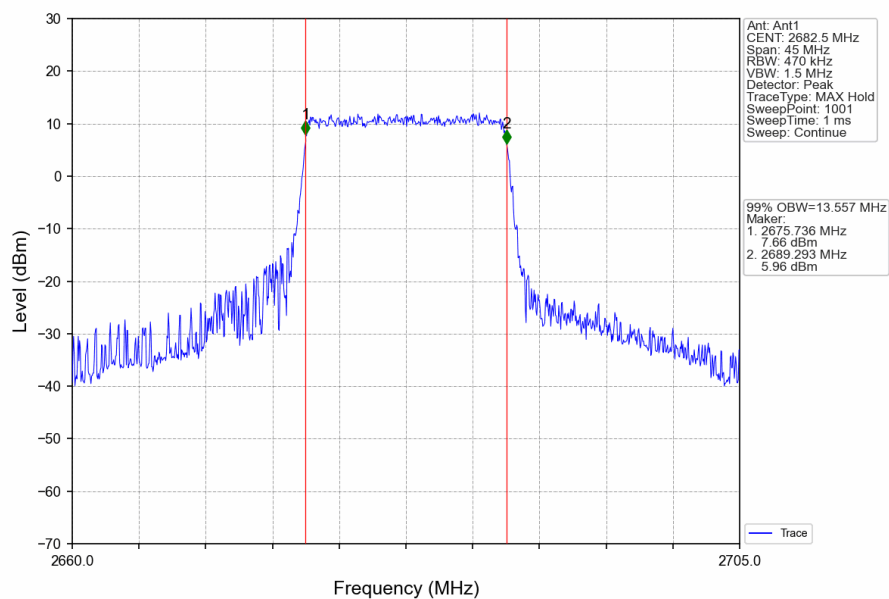
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



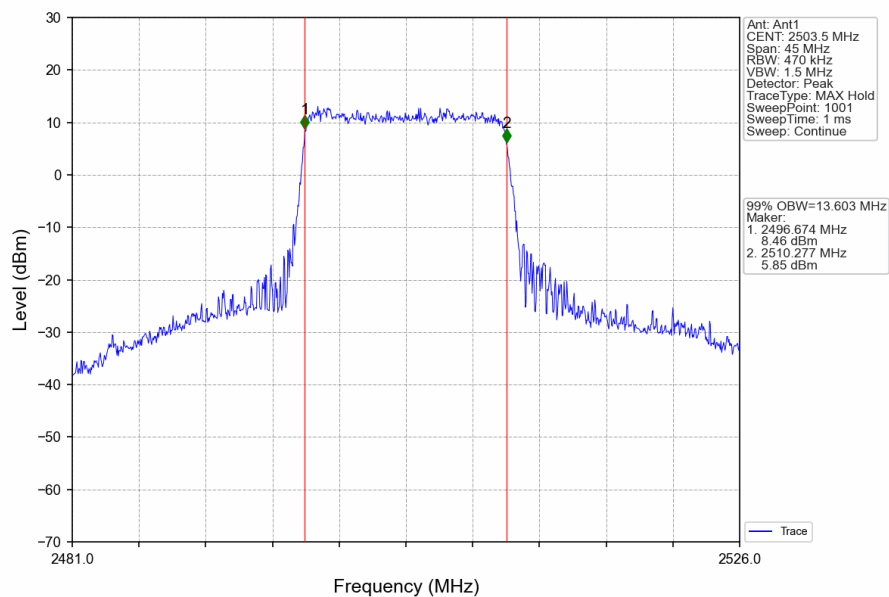
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



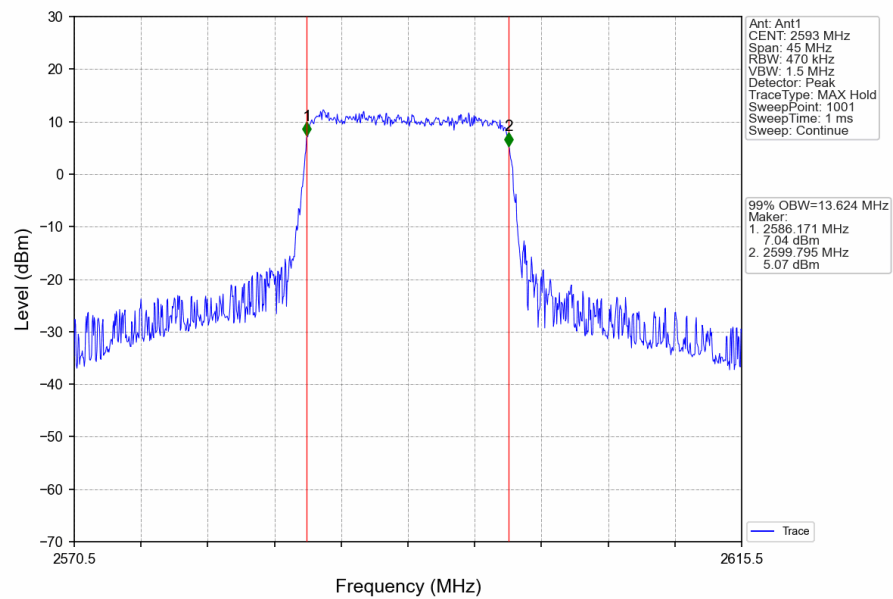
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



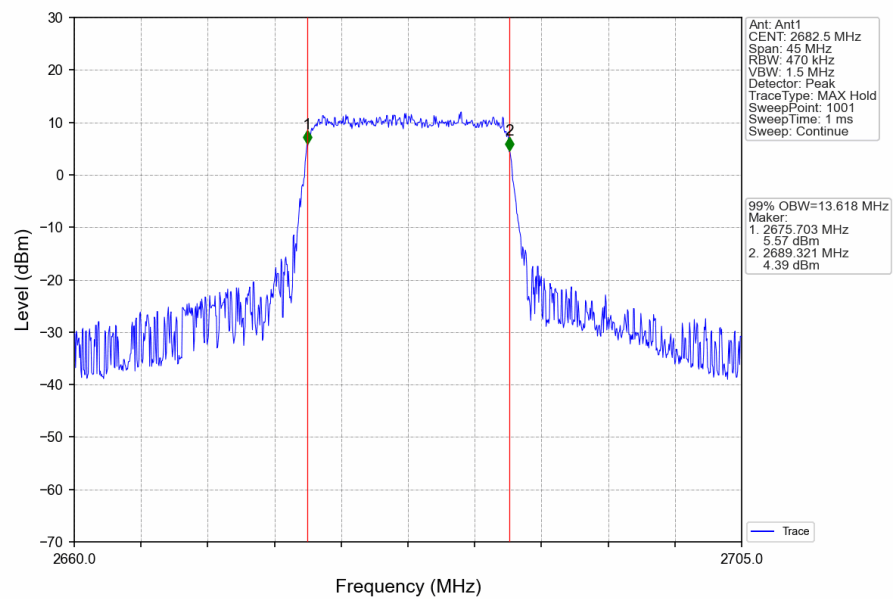
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



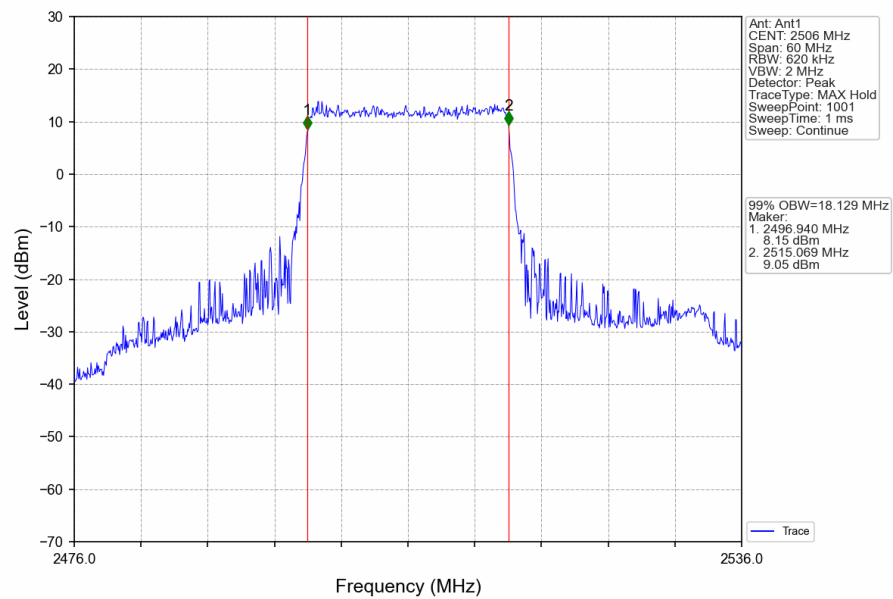
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



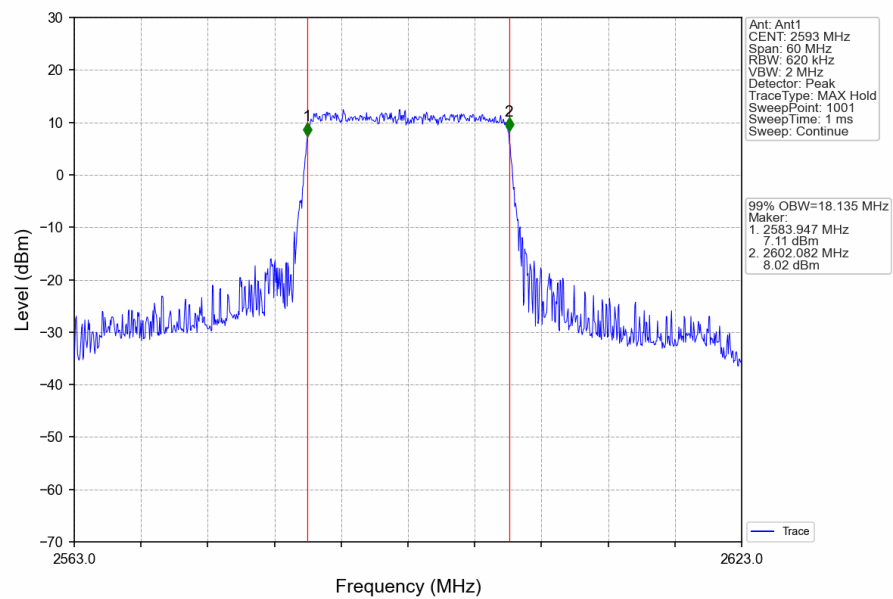
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



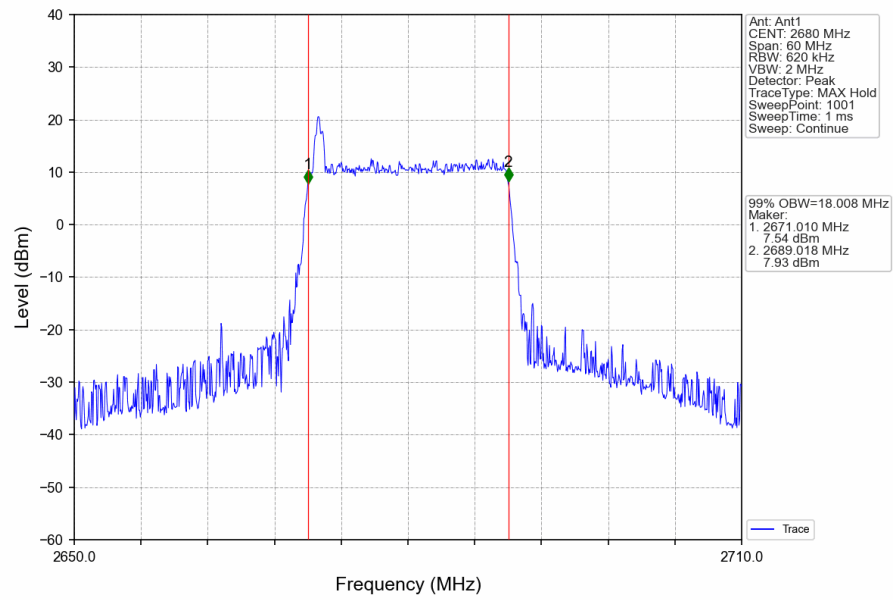
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



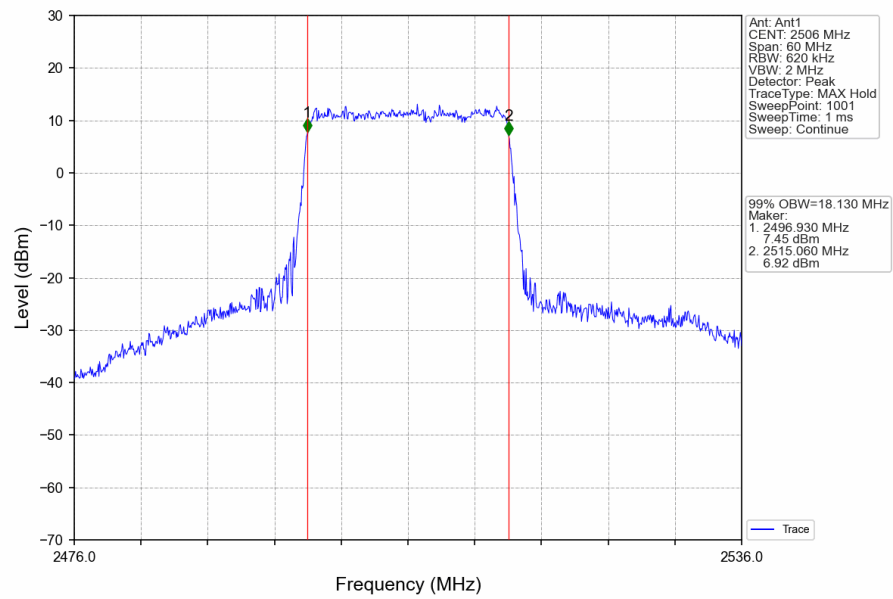
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



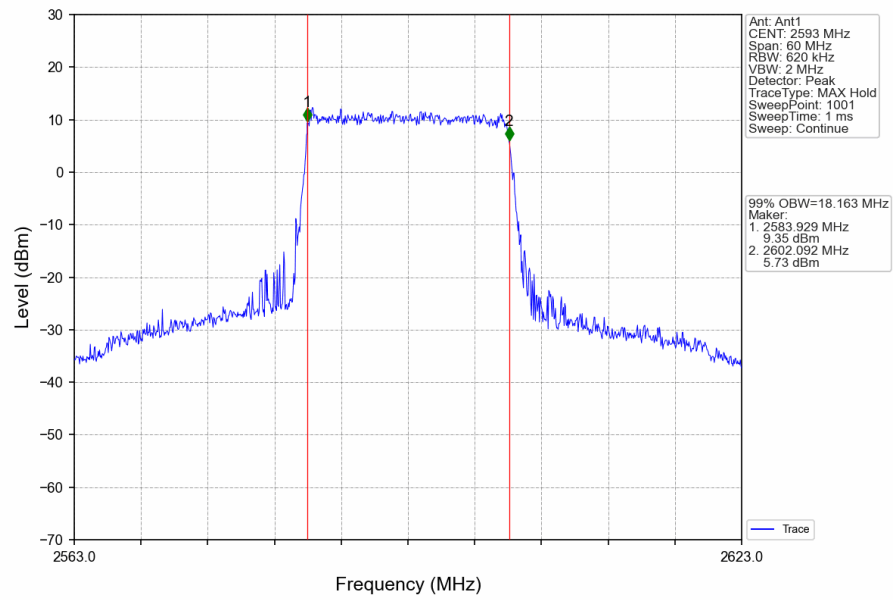
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



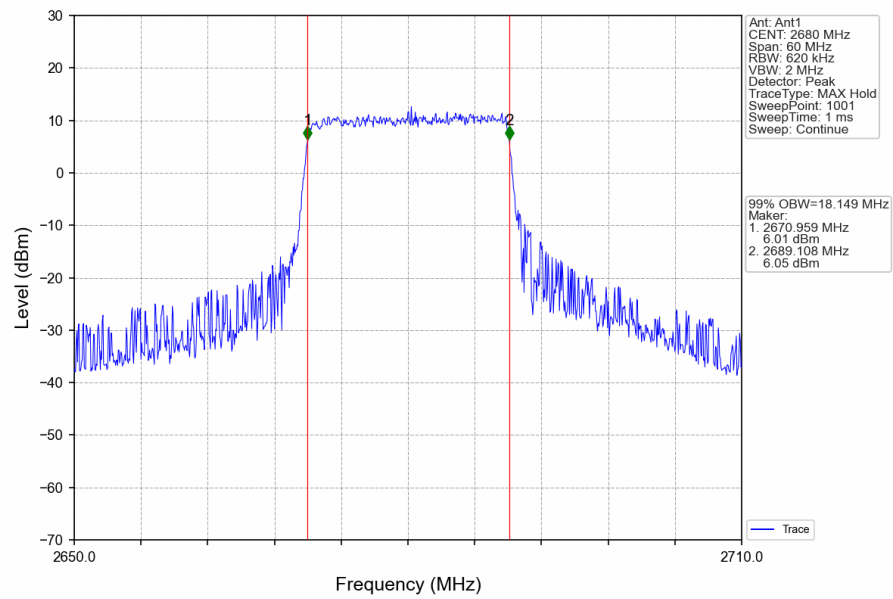
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

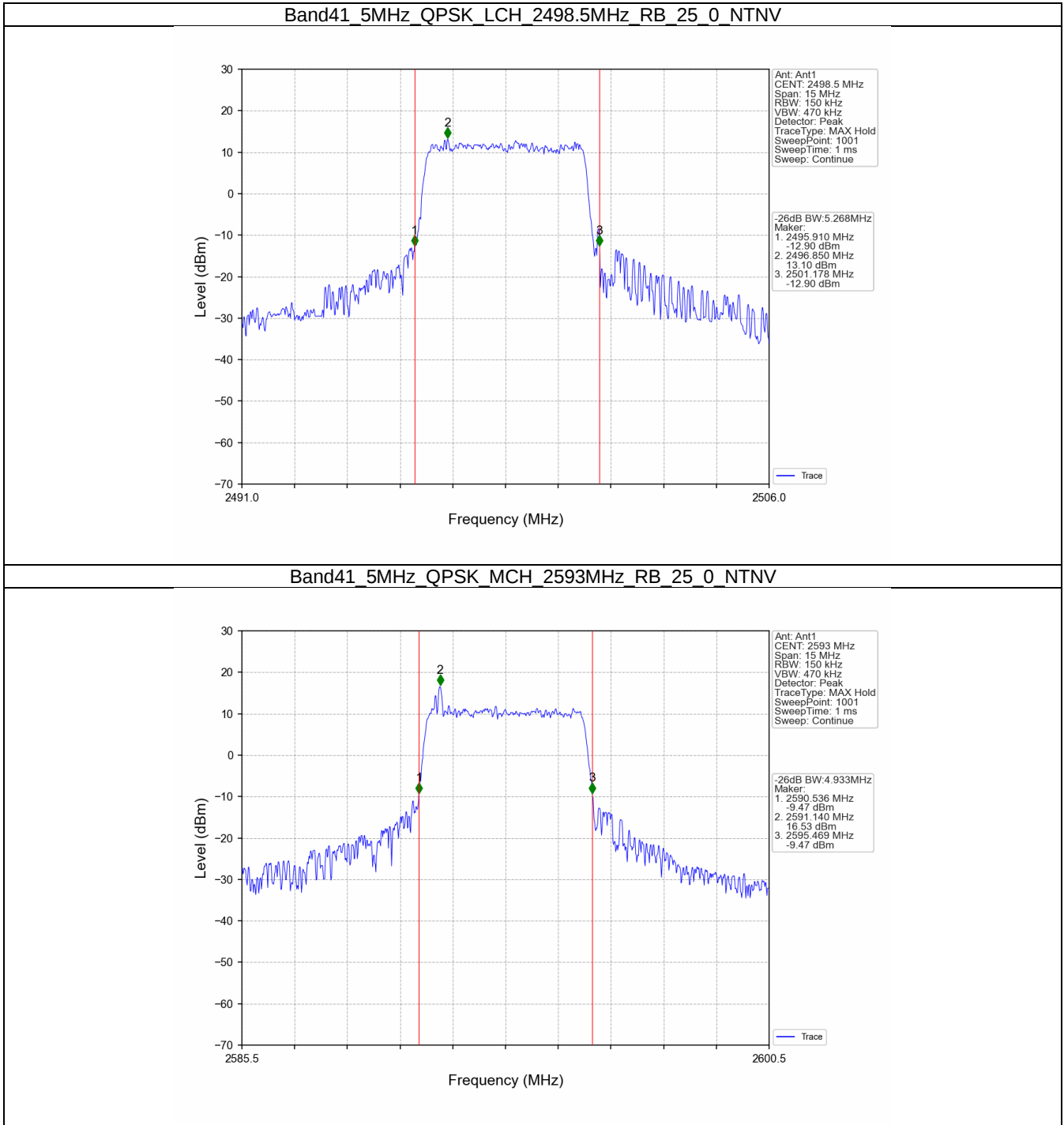


6.2 Band41_XDB

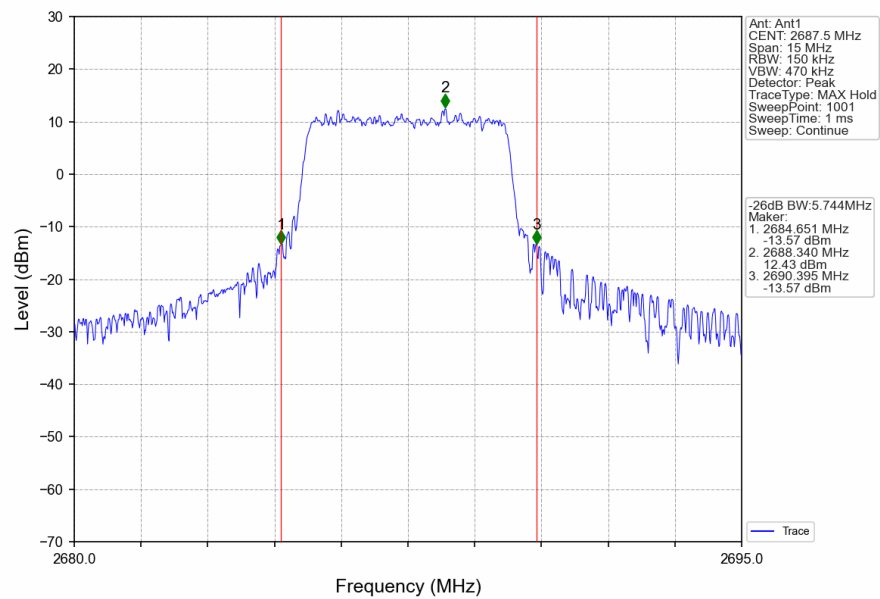
6.2.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.268	Pass
		2593	25	0	4.933	Pass
		2687.5	25	0	5.744	Pass
	16QAM	2498.5	25	0	5.408	Pass
		2593	25	0	5.604	Pass
		2687.5	25	0	4.952	Pass
10	QPSK	2501	50	0	11.425	Pass
		2593	50	0	9.735	Pass
		2685	50	0	10.302	Pass
	16QAM	2501	50	0	10.389	Pass
		2593	50	0	10.704	Pass
		2685	50	0	10.087	Pass
15	QPSK	2503.5	75	0	15.327	Pass
		2593	75	0	16.053	Pass
		2682.5	75	0	15.565	Pass
	16QAM	2503.5	75	0	15.195	Pass
		2593	75	0	15.538	Pass
		2682.5	75	0	15.521	Pass
20	QPSK	2506	100	0	21.982	Pass
		2593	100	0	20.598	Pass
		2680	100	0	19.136	Pass
	16QAM	2506	100	0	20.374	Pass
		2593	100	0	20.288	Pass
		2680	100	0	21.840	Pass

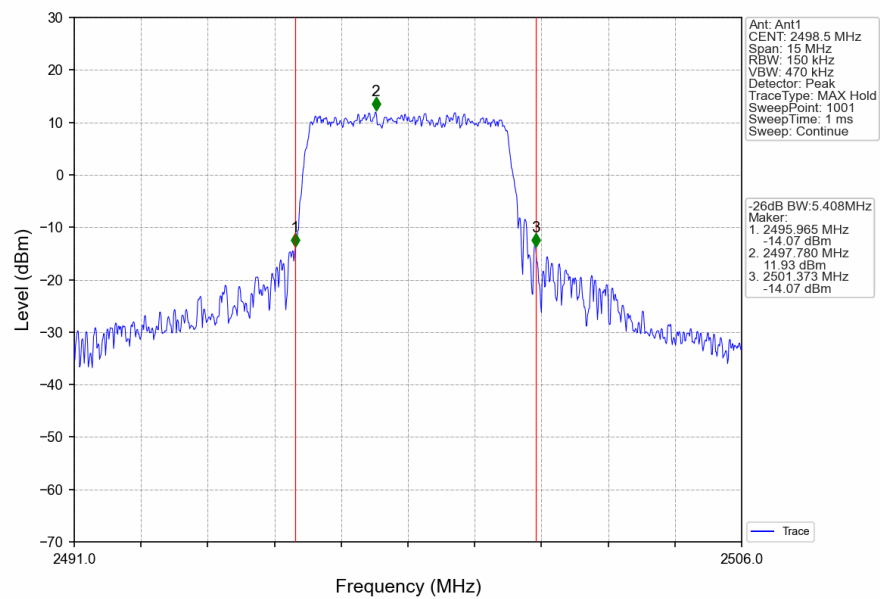
6.2.2 Test Graph



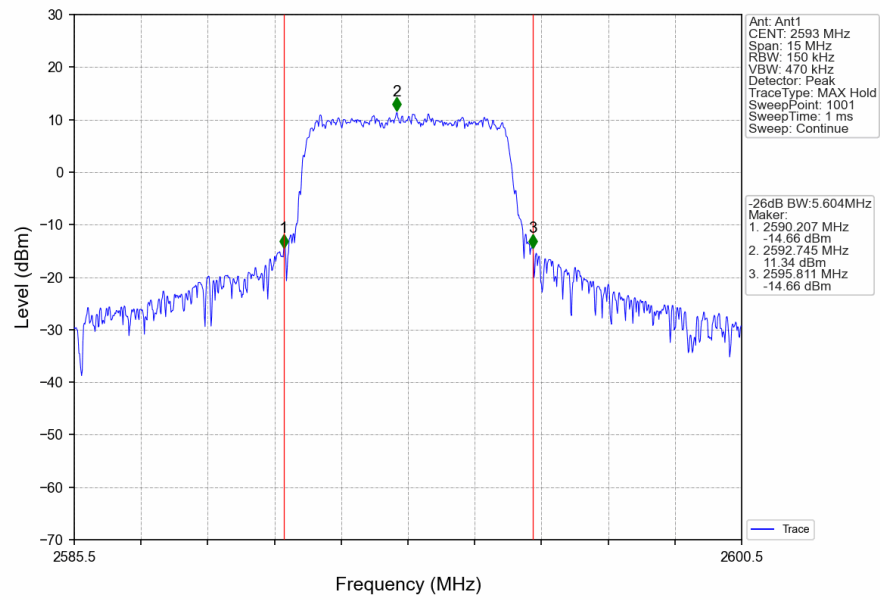
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



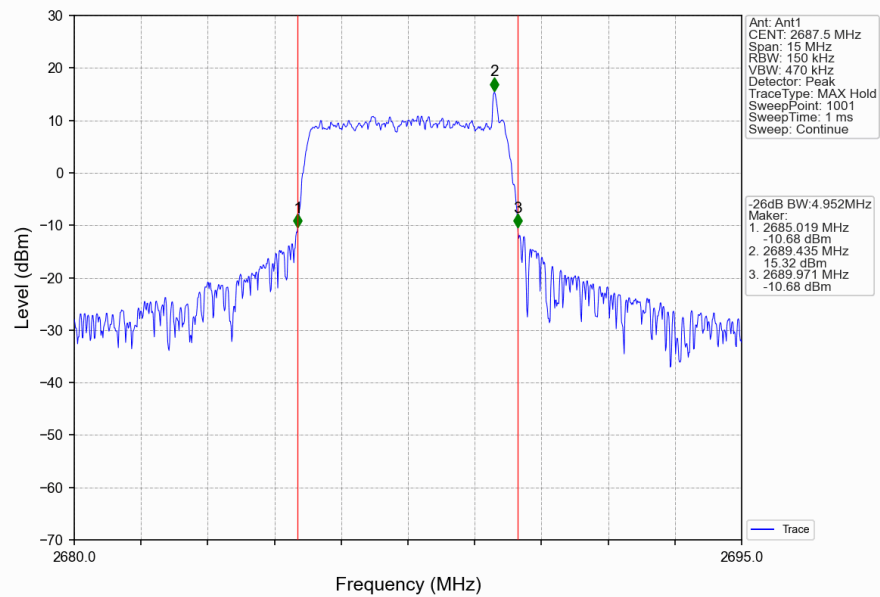
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



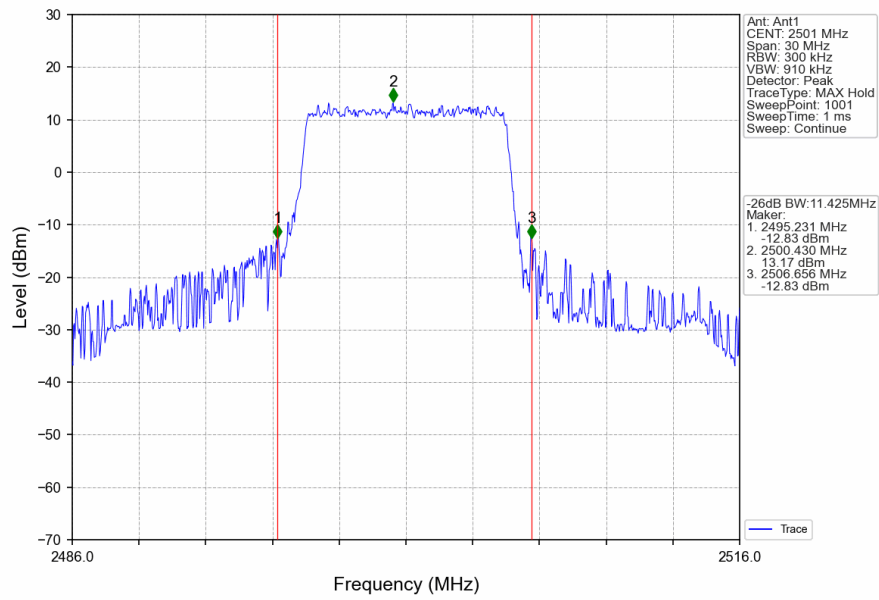
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



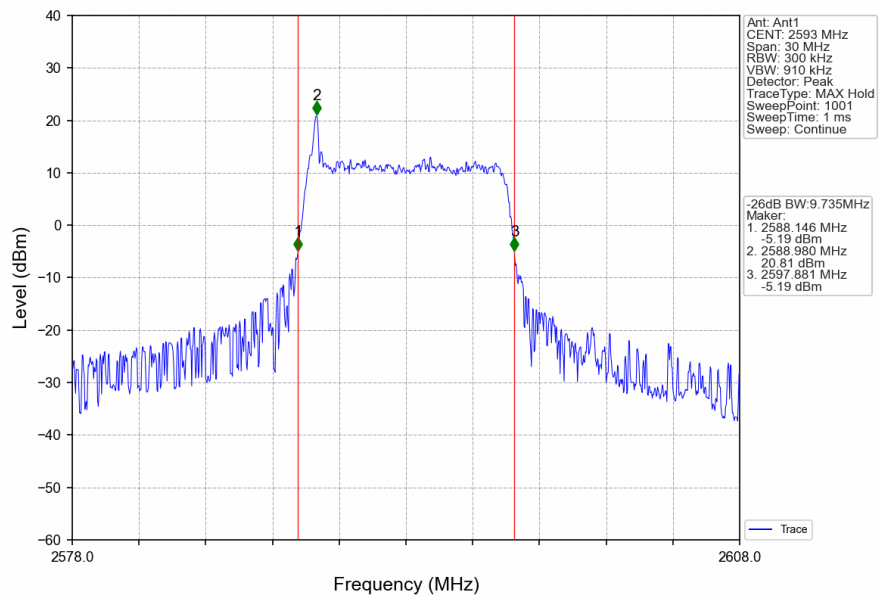
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



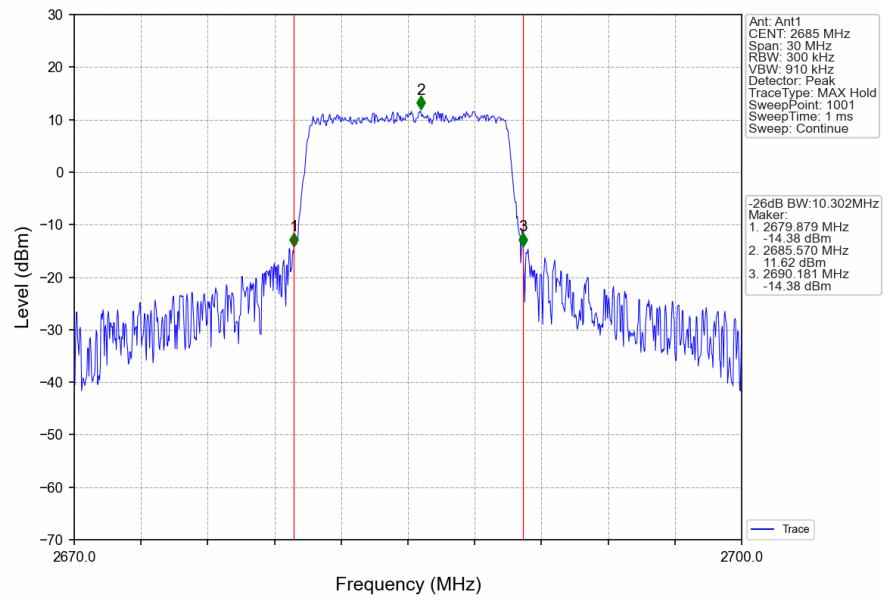
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



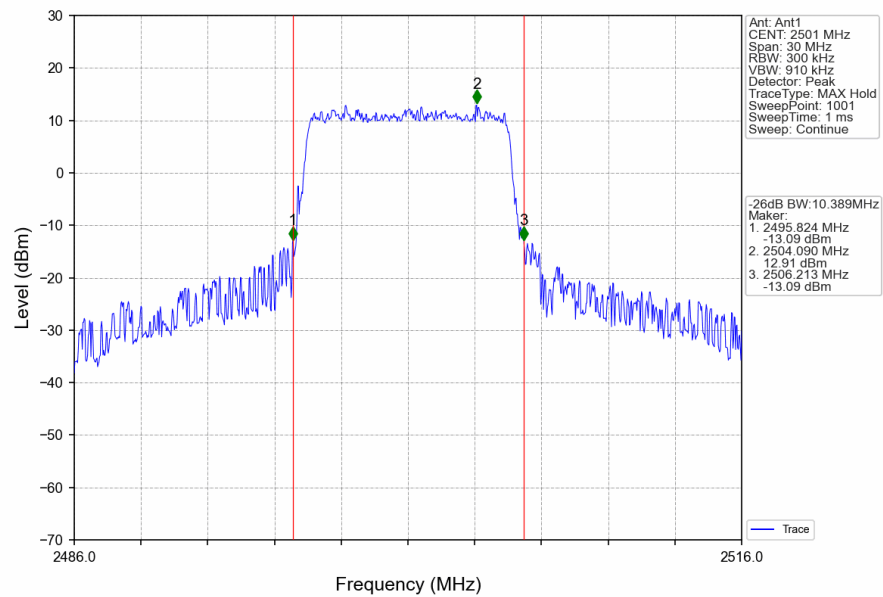
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



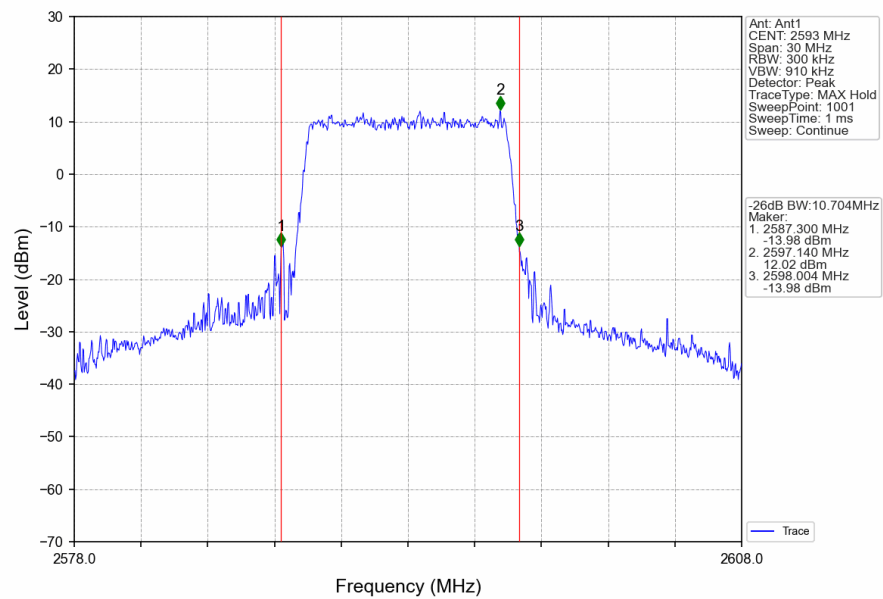
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



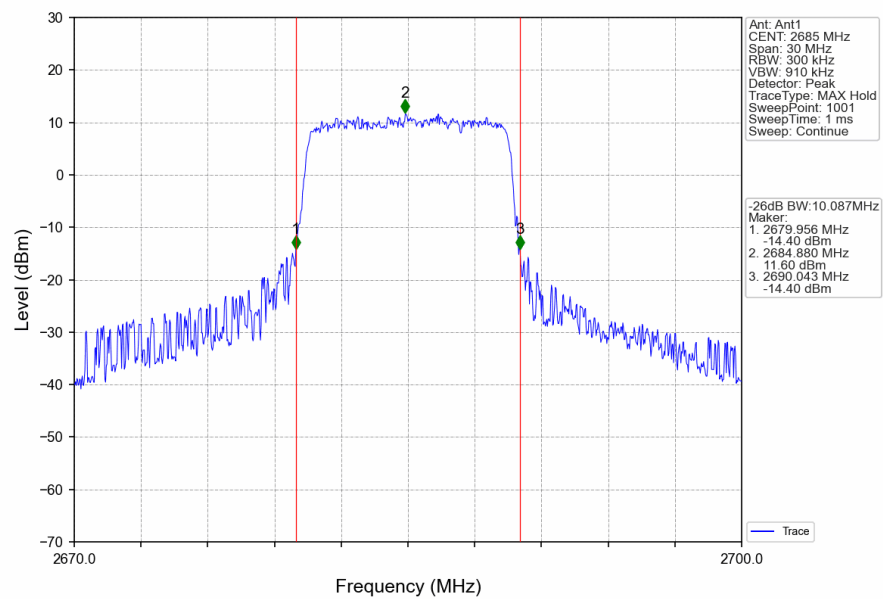
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



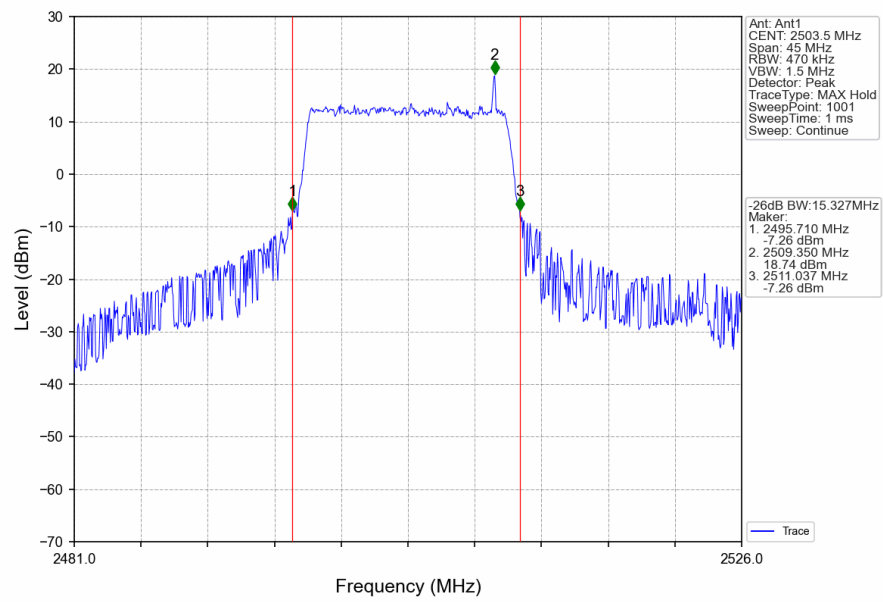
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



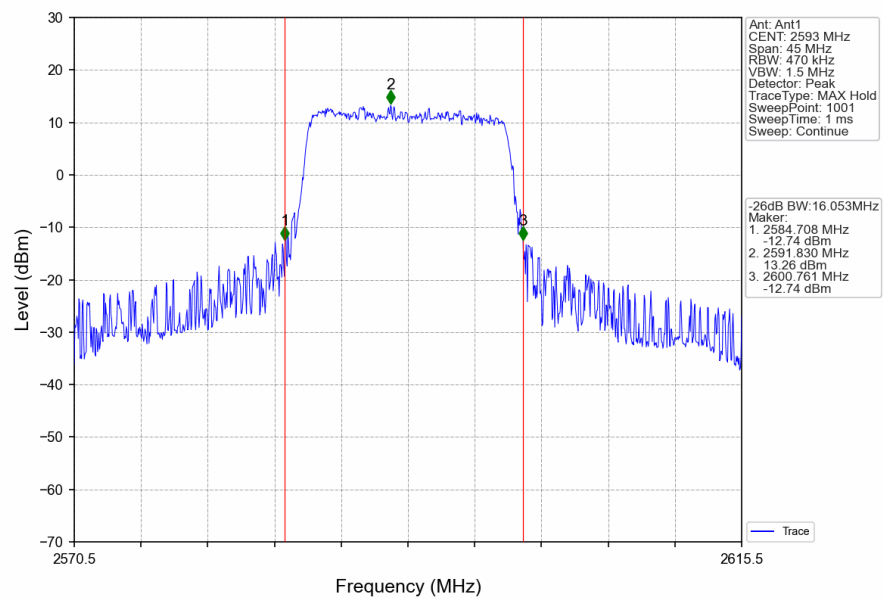
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



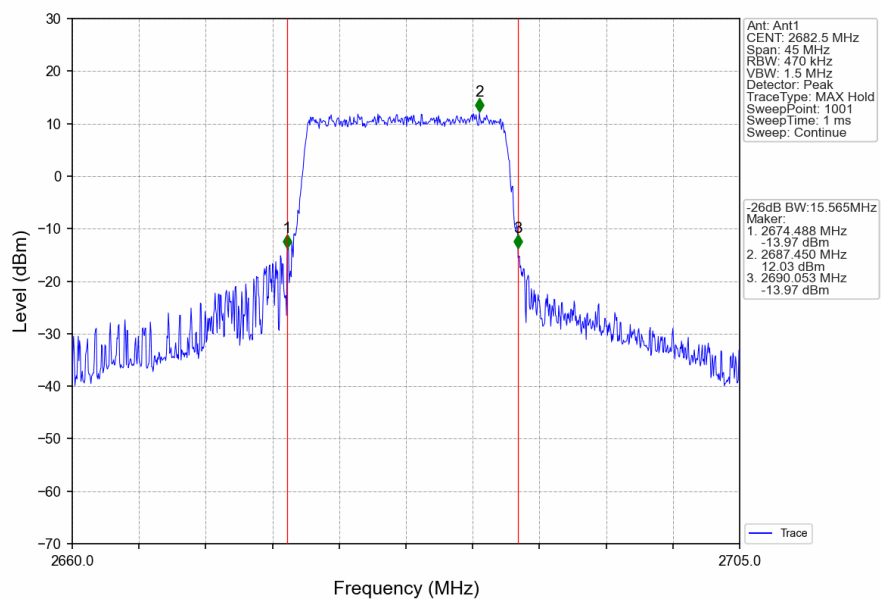
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



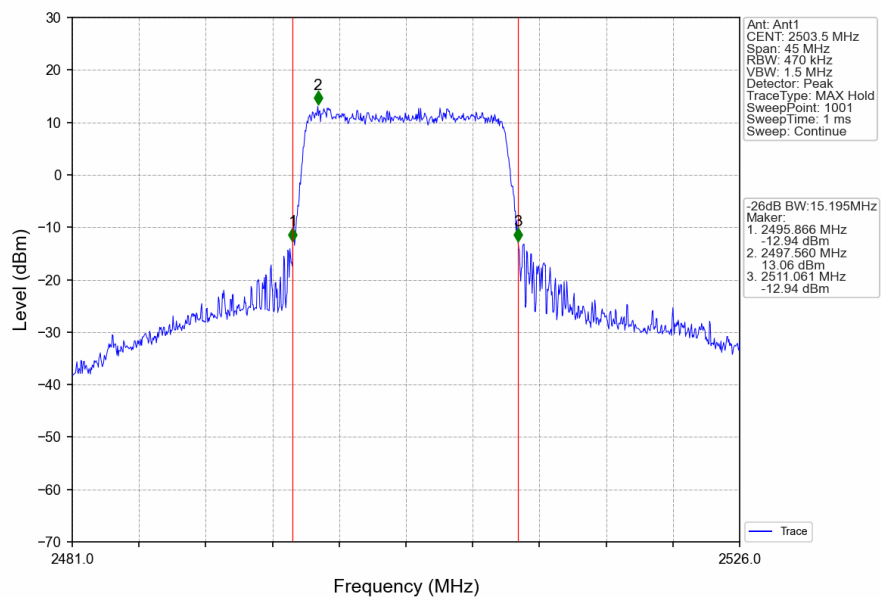
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



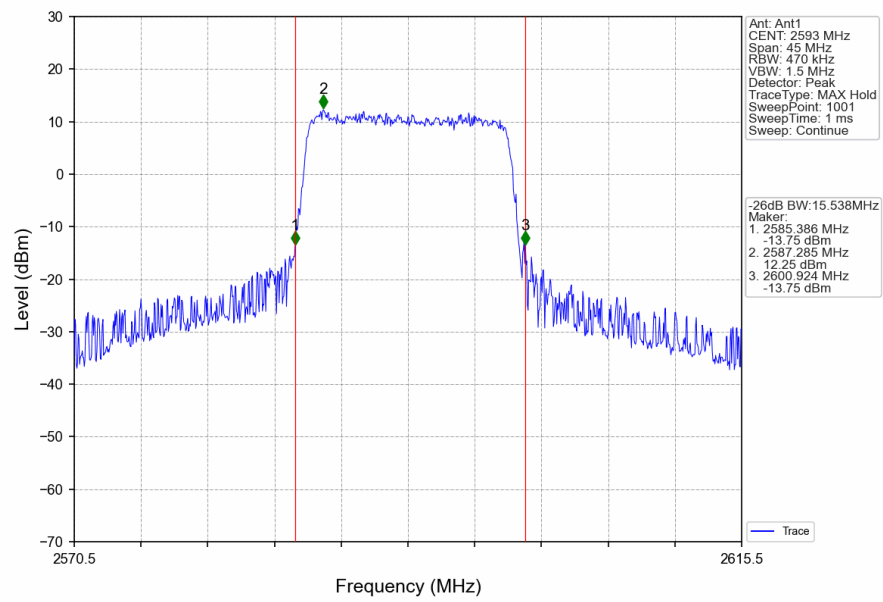
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



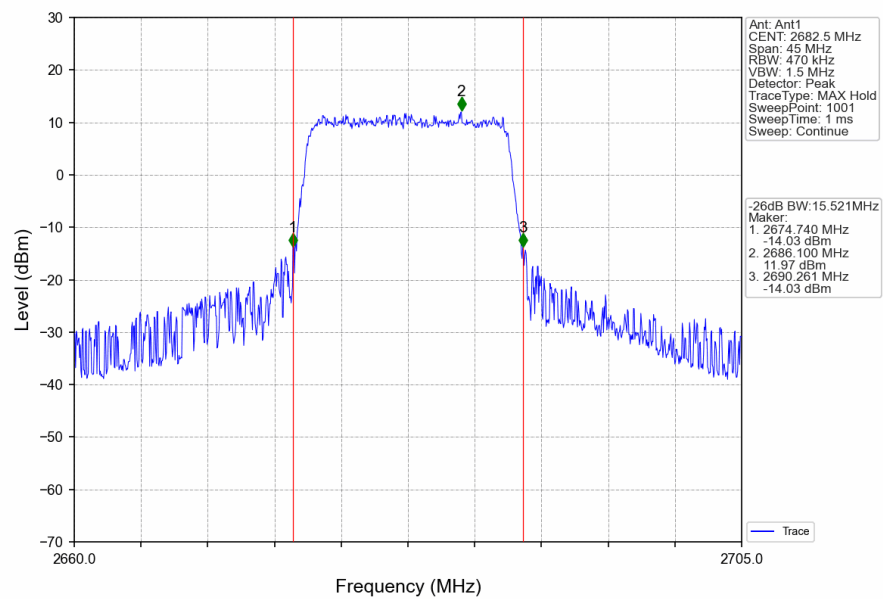
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



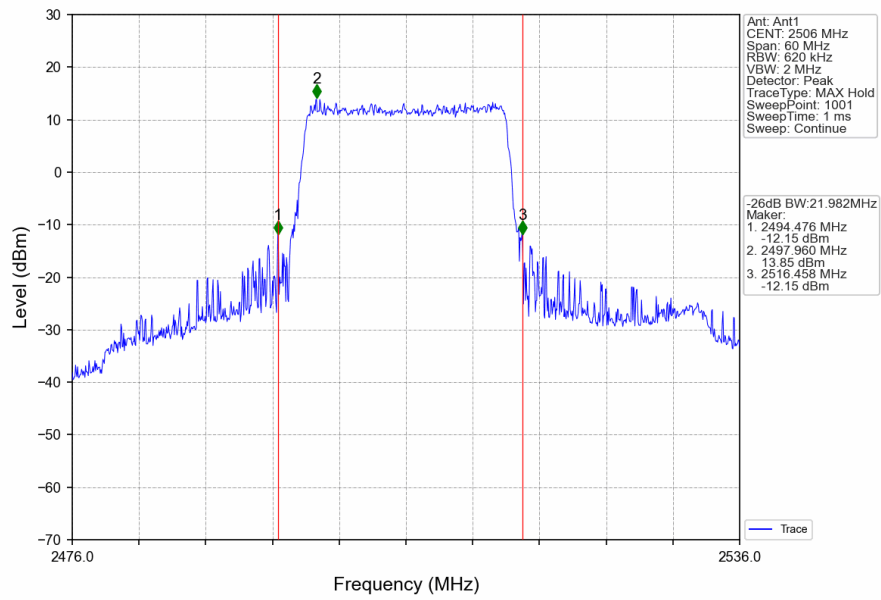
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



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

