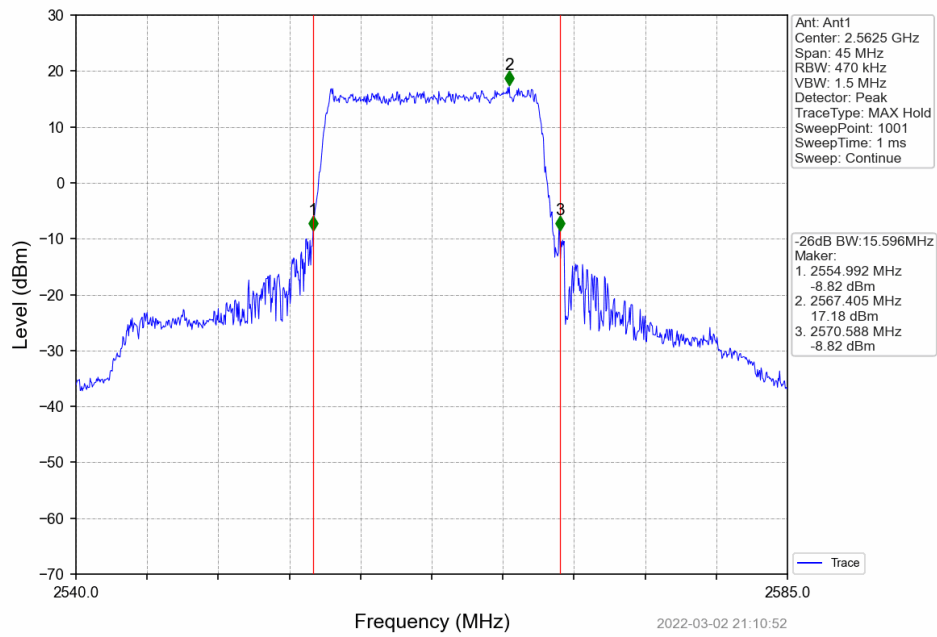
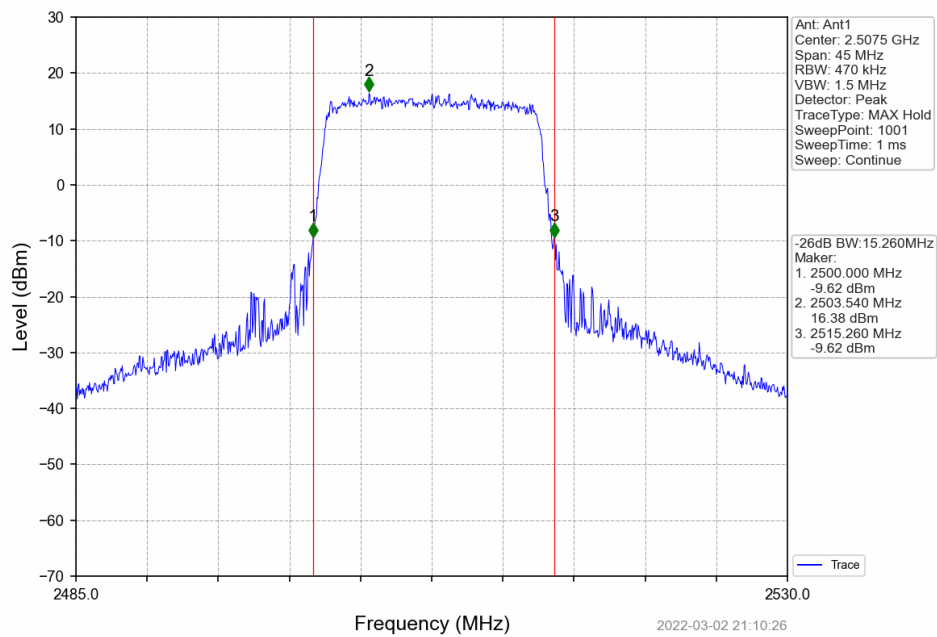


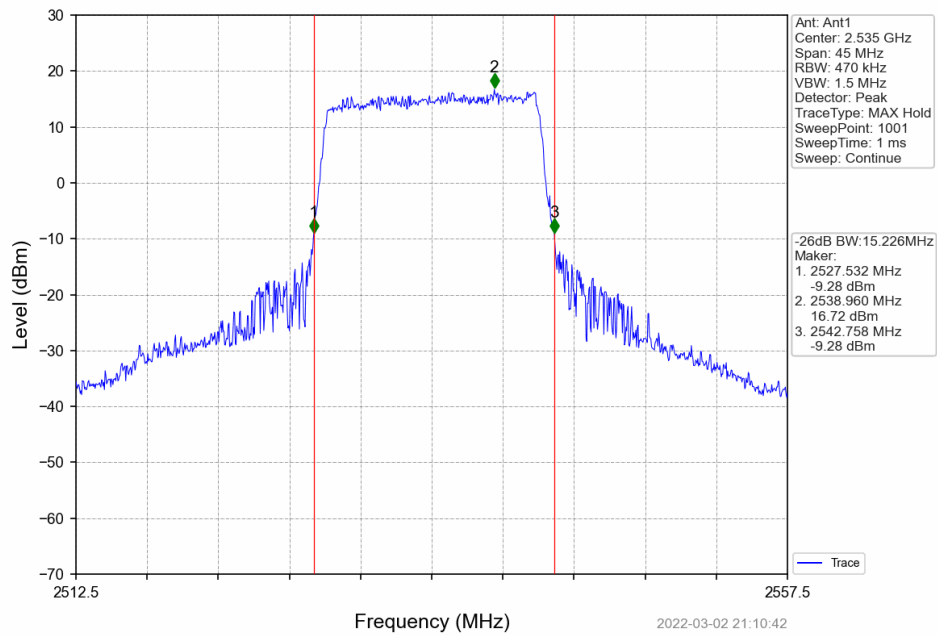
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



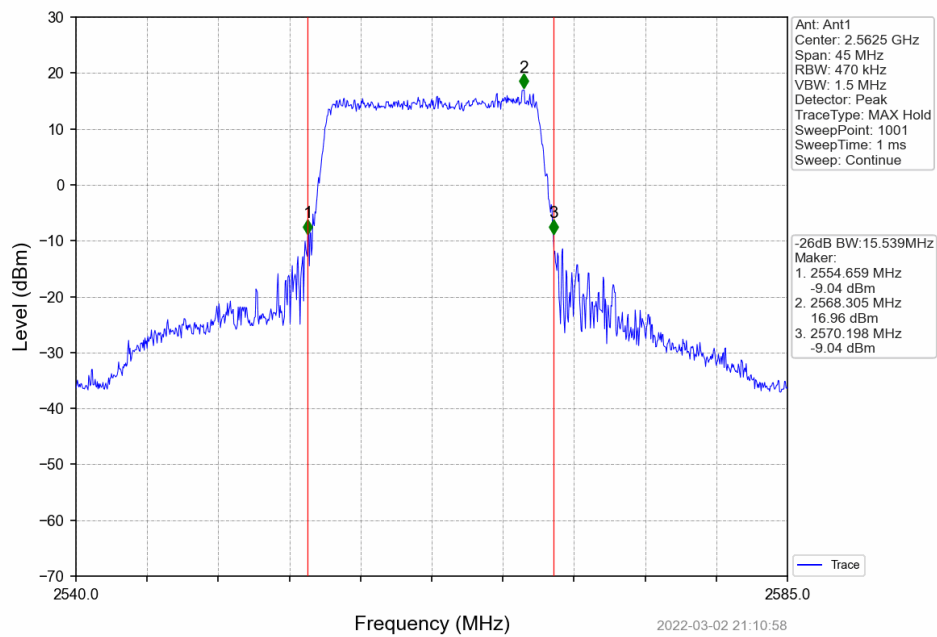
Band7_15MHz_16QAM_LCH_2502.5MHz_RB_75_0_NTNV



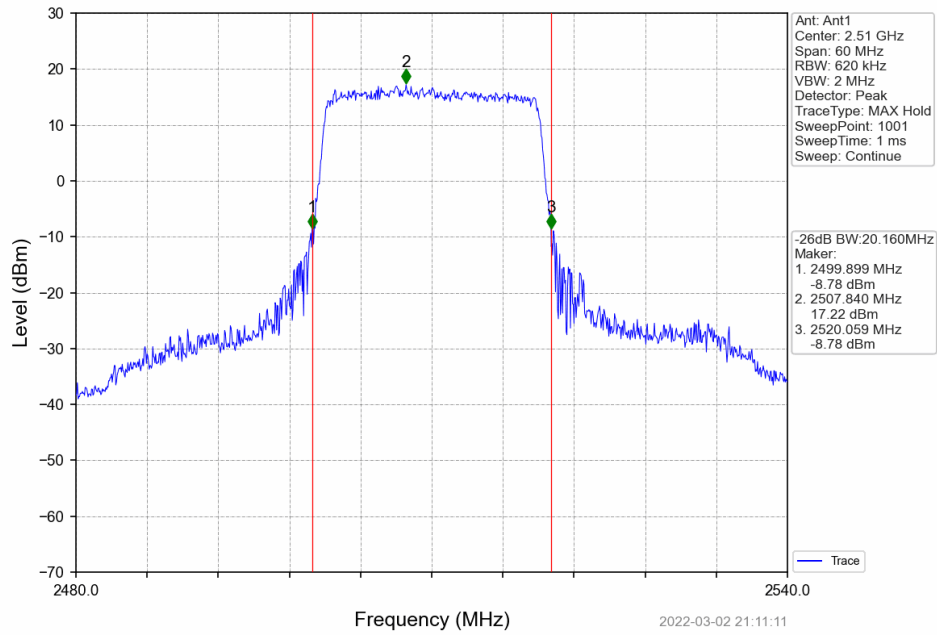
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



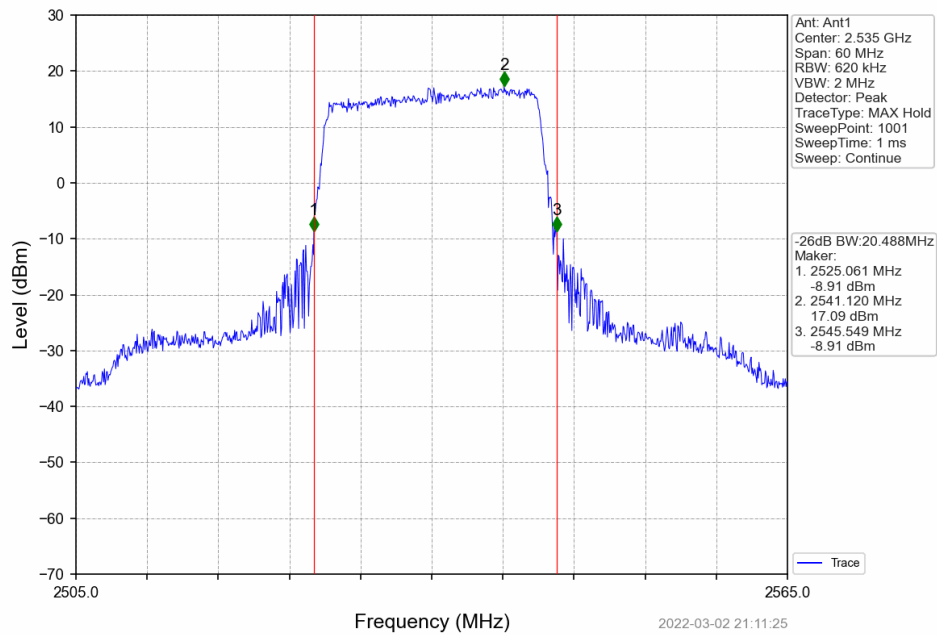
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



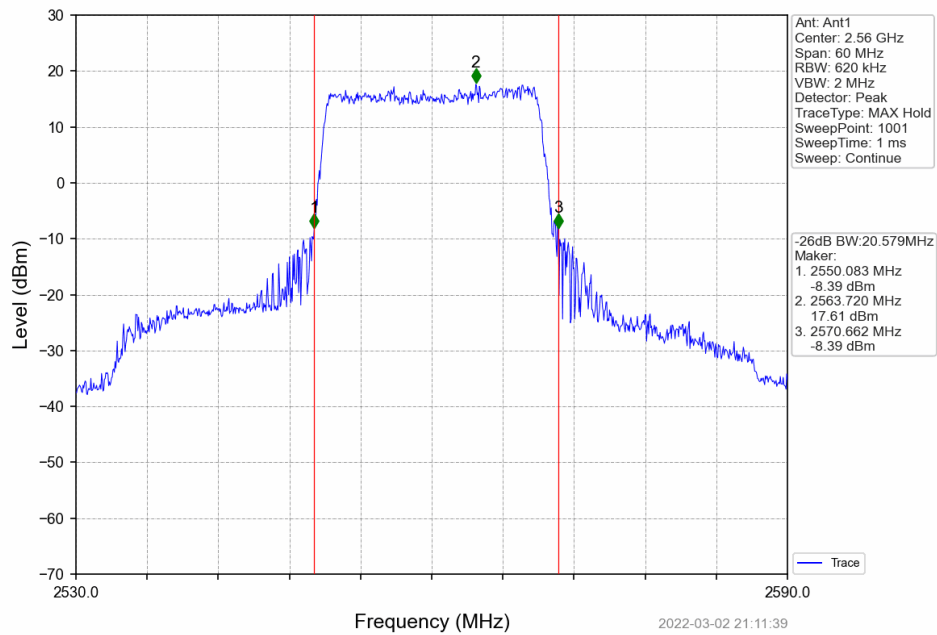
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



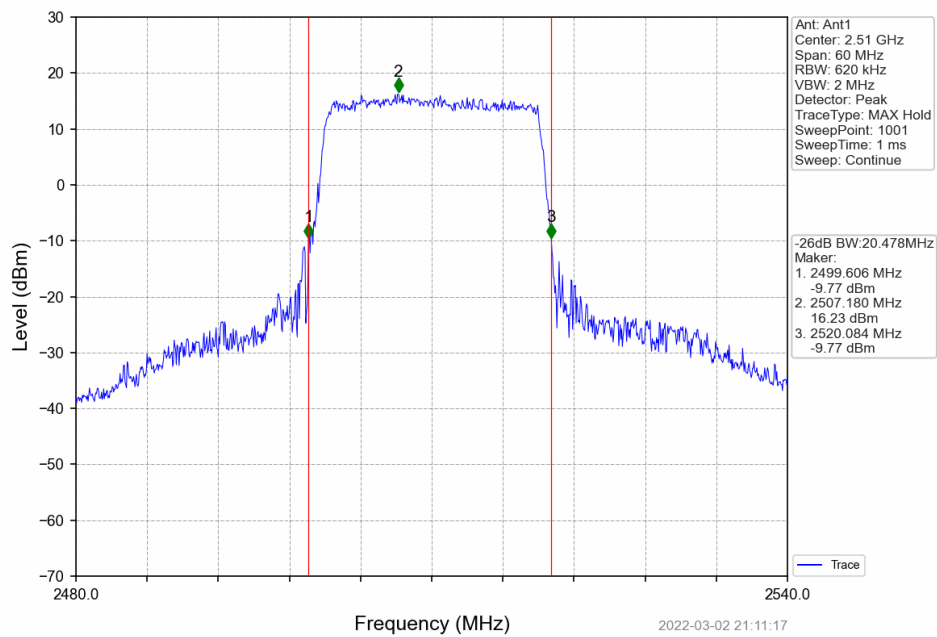
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



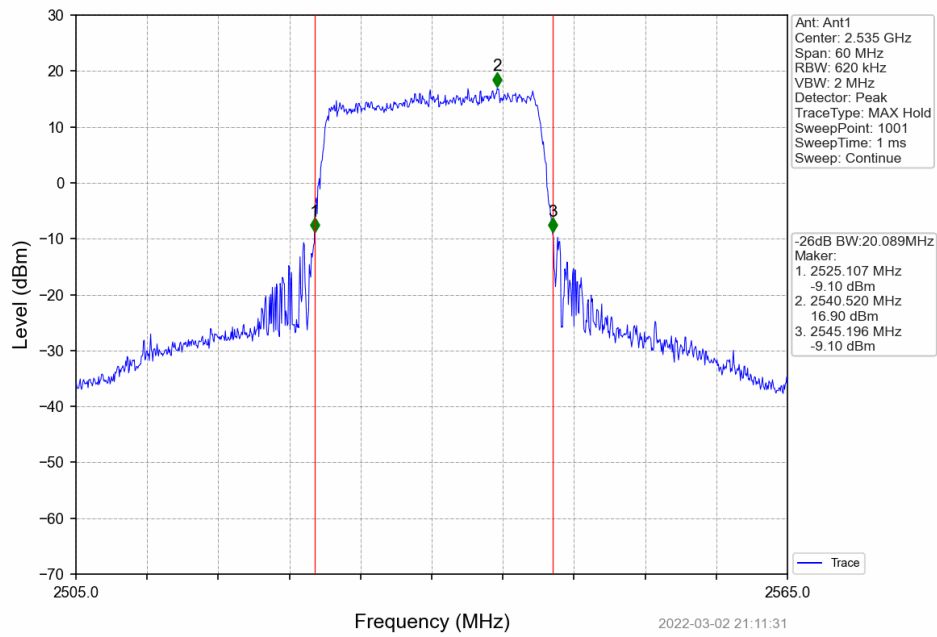
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



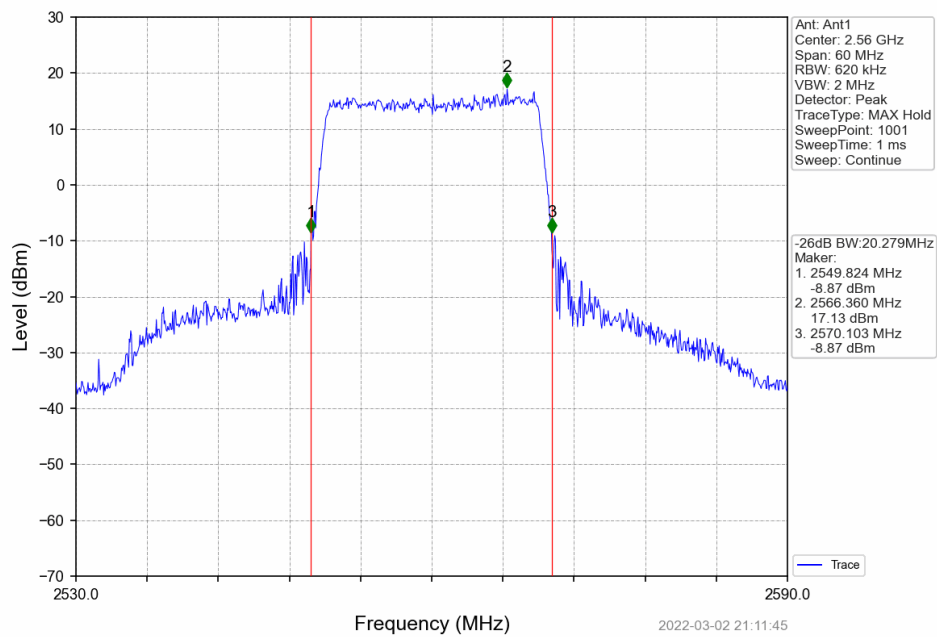
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



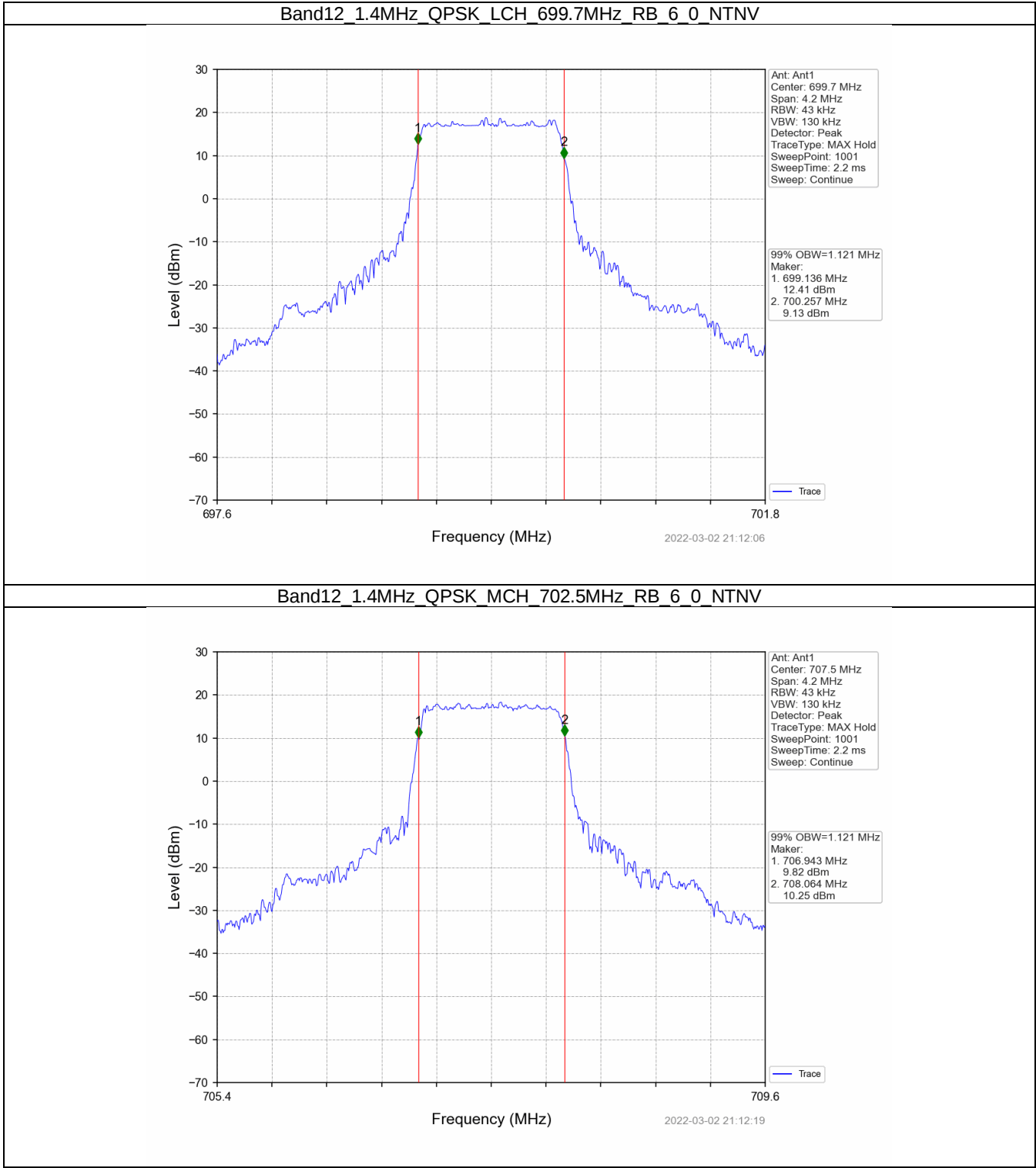
4. 99% & 26dB Bandwidth

4.1 Band12_OBW

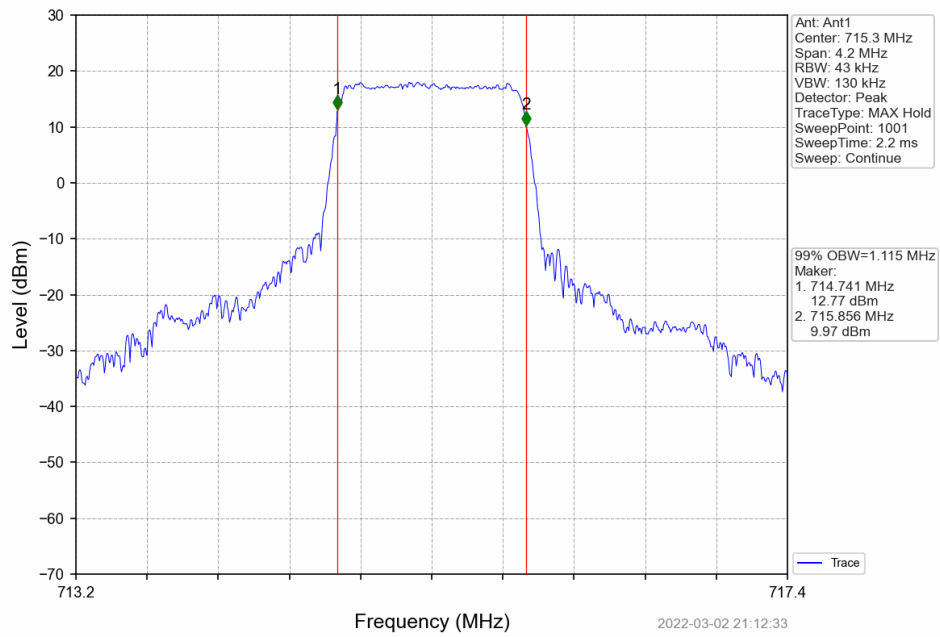
4.1.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.121	Pass
		702.5	6	0	1.121	Pass
		715.3	6	0	1.115	Pass
	16QAM	699.7	6	0	1.115	Pass
		702.5	6	0	1.111	Pass
		715.3	6	0	1.118	Pass
3	QPSK	700.5	15	0	2.778	Pass
		702.5	15	0	2.753	Pass
		711.5	15	0	2.757	Pass
	16QAM	700.5	15	0	2.771	Pass
		702.5	15	0	2.772	Pass
		711.5	15	0	2.754	Pass
5	QPSK	701.5	25	0	4.604	Pass
		702.5	25	0	4.568	Pass
		713.5	25	0	4.574	Pass
	16QAM	701.5	25	0	4.575	Pass
		702.5	25	0	4.606	Pass
		713.5	25	0	4.618	Pass
10	QPSK	704	50	0	9.091	Pass
		702.5	50	0	9.056	Pass
		711	50	0	9.028	Pass
	16QAM	704	50	0	9.098	Pass
		702.5	50	0	9.028	Pass
		711	50	0	9.066	Pass

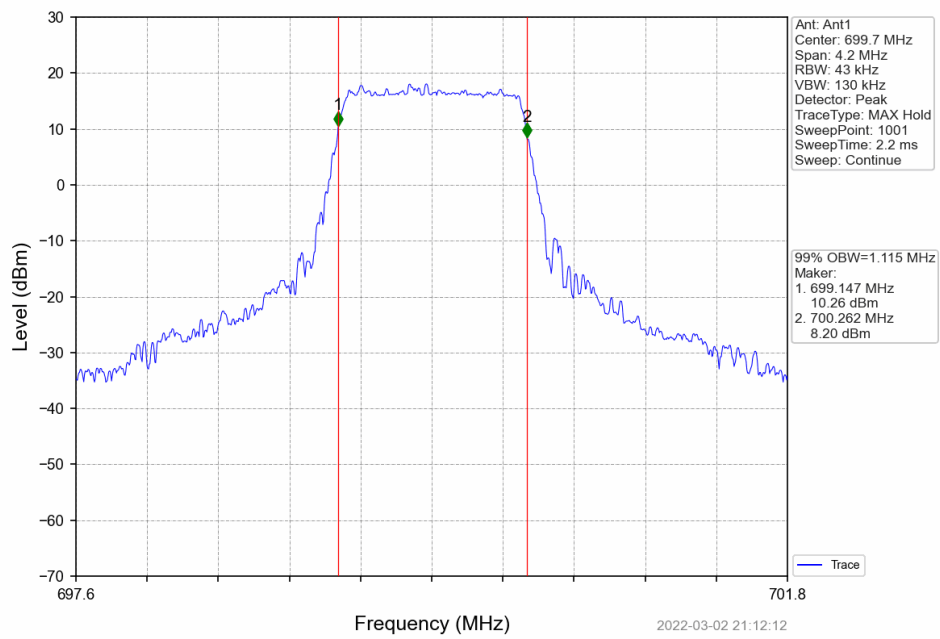
4.1.2 Test Graph



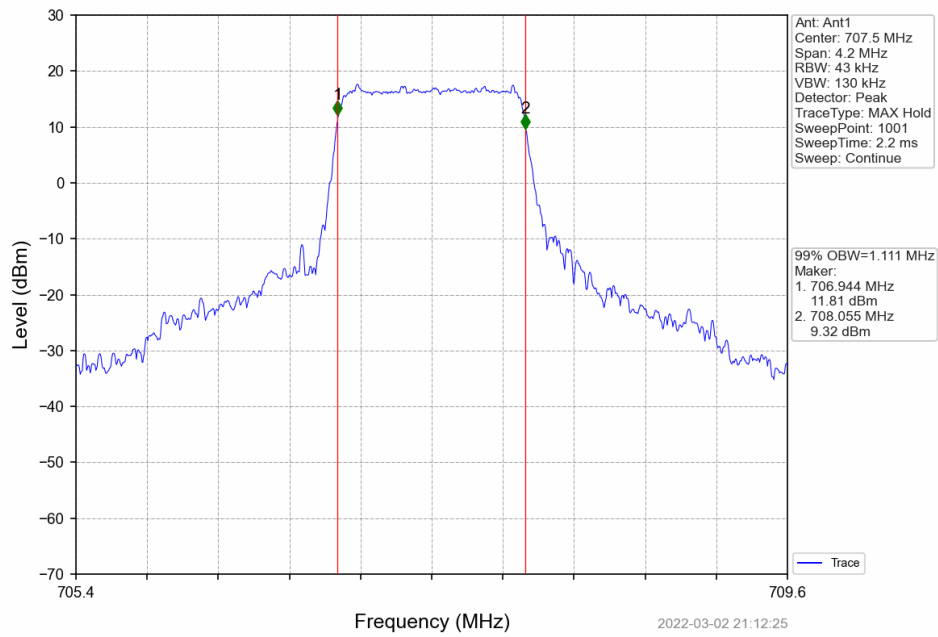
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



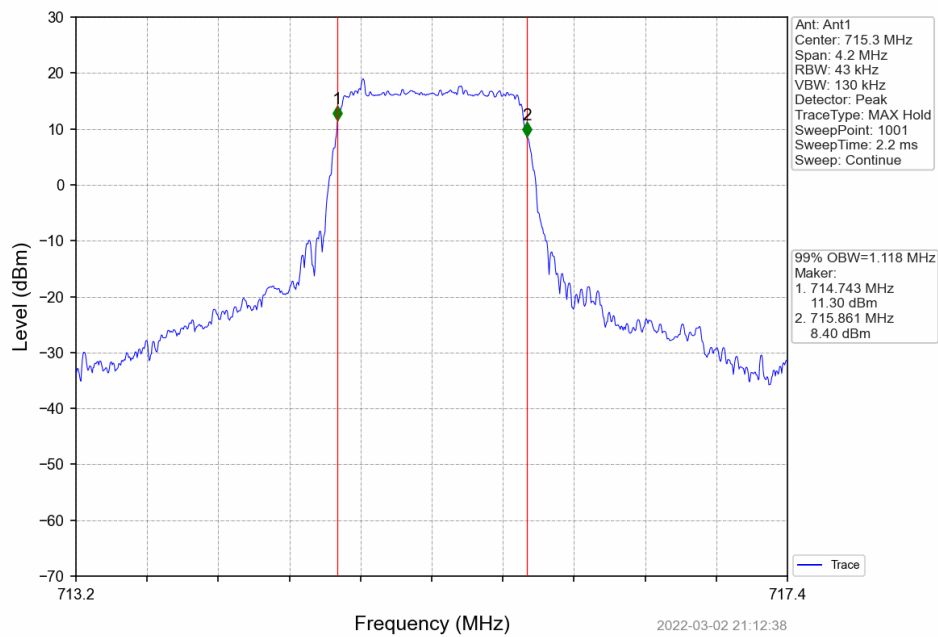
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



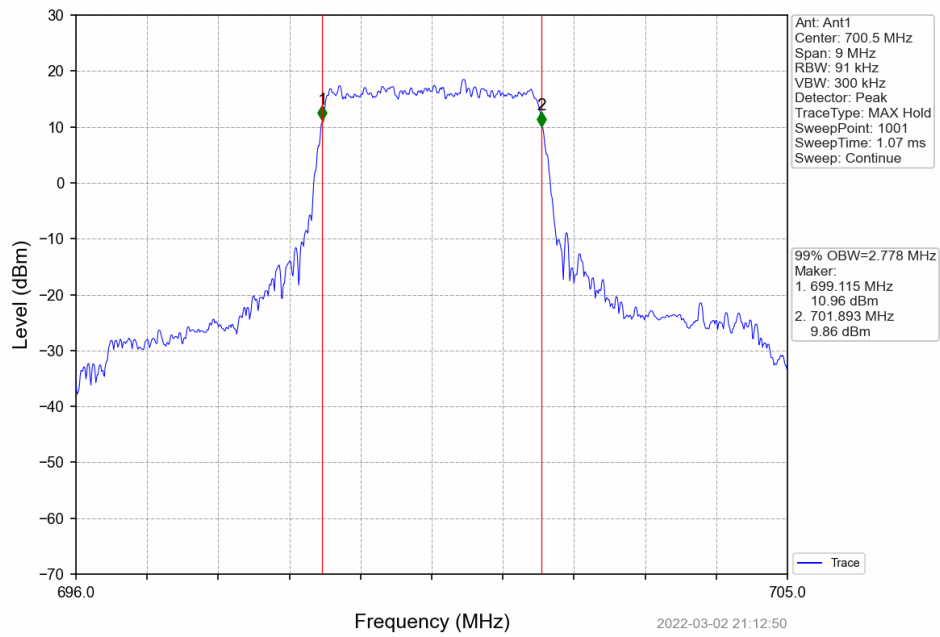
Band12 1.4MHz 16QAM MCH 702.5MHz RB 6 0 NTNV



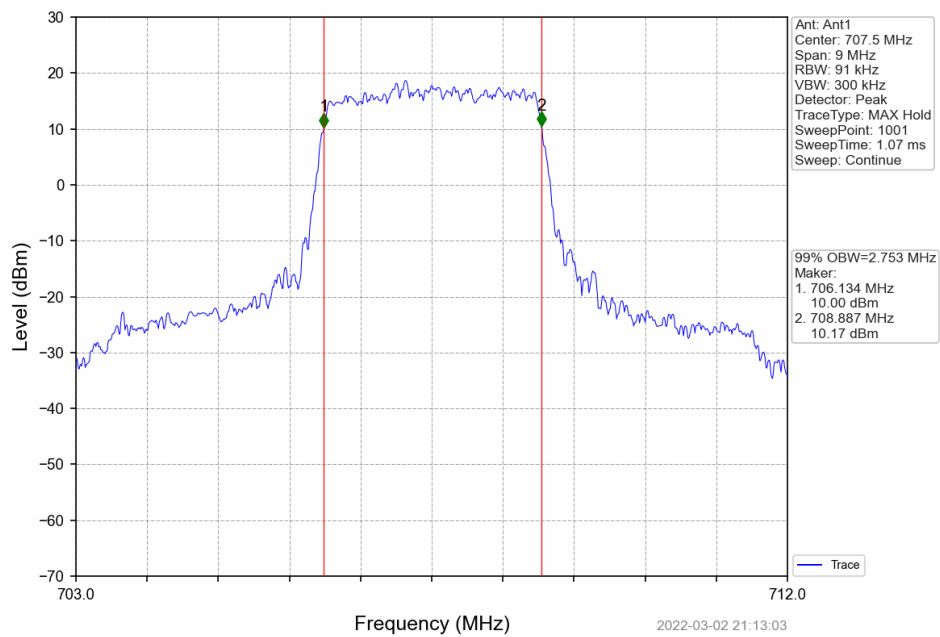
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



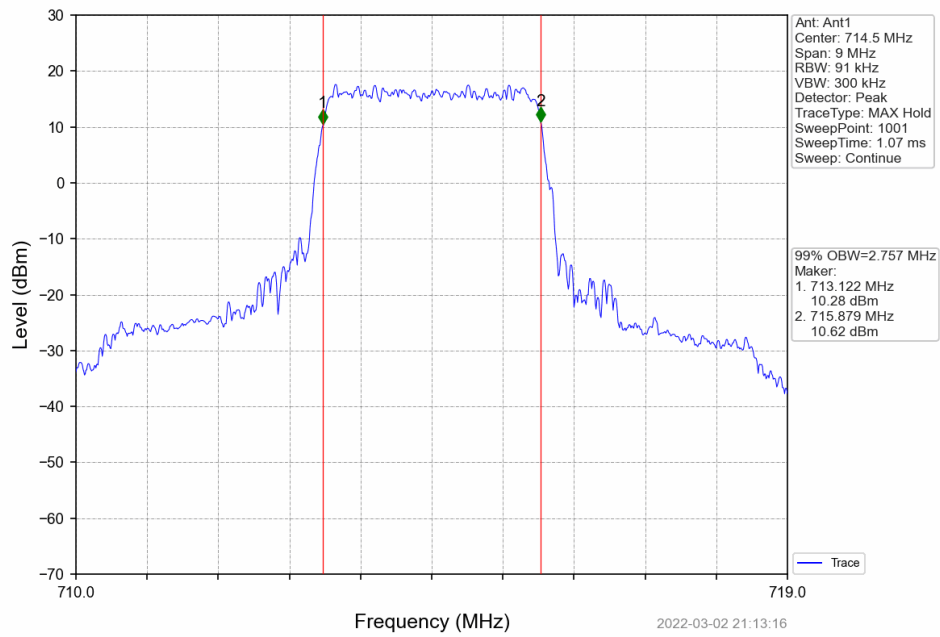
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



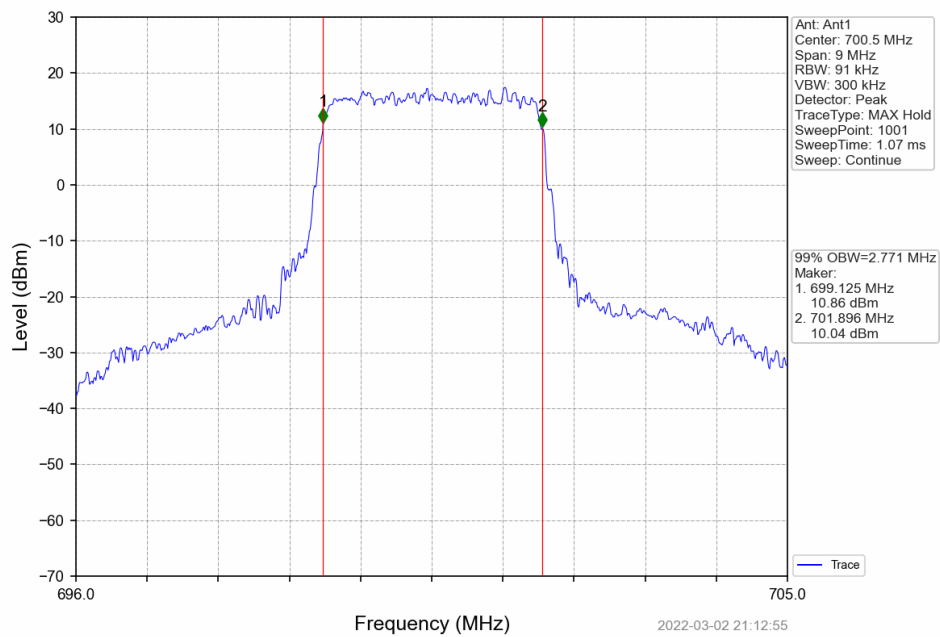
Band12_3MHz_QPSK_MCH_702.5MHz_RB_15_0_NTNV



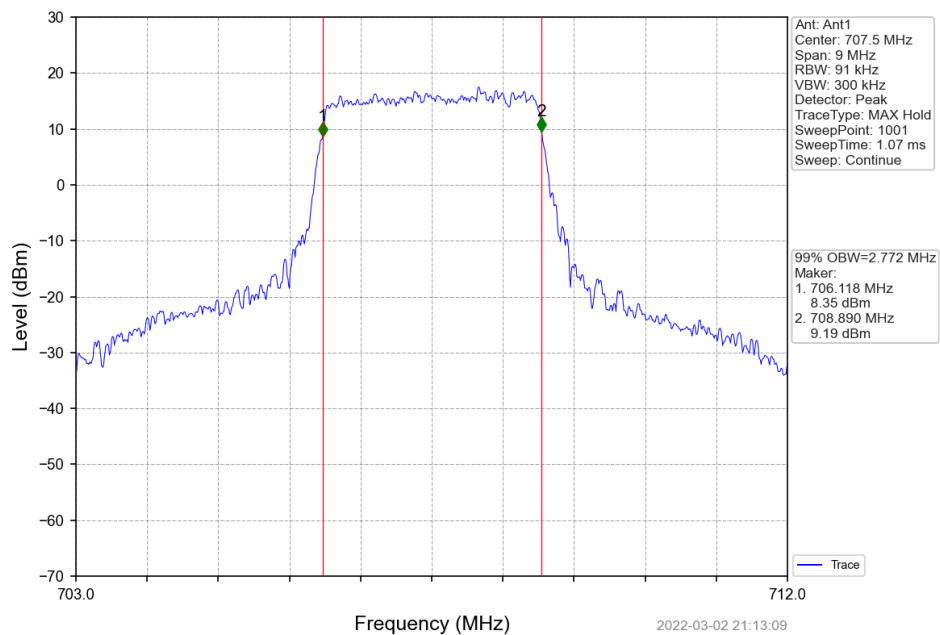
Band12 3MHz QPSK HCH 711.5MHz RB 15 0 NTNV



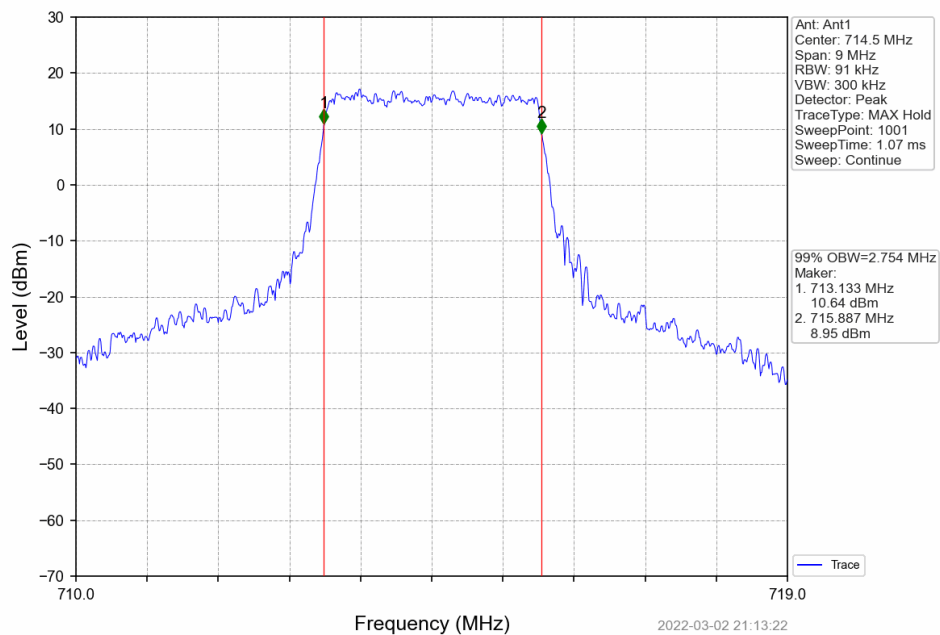
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



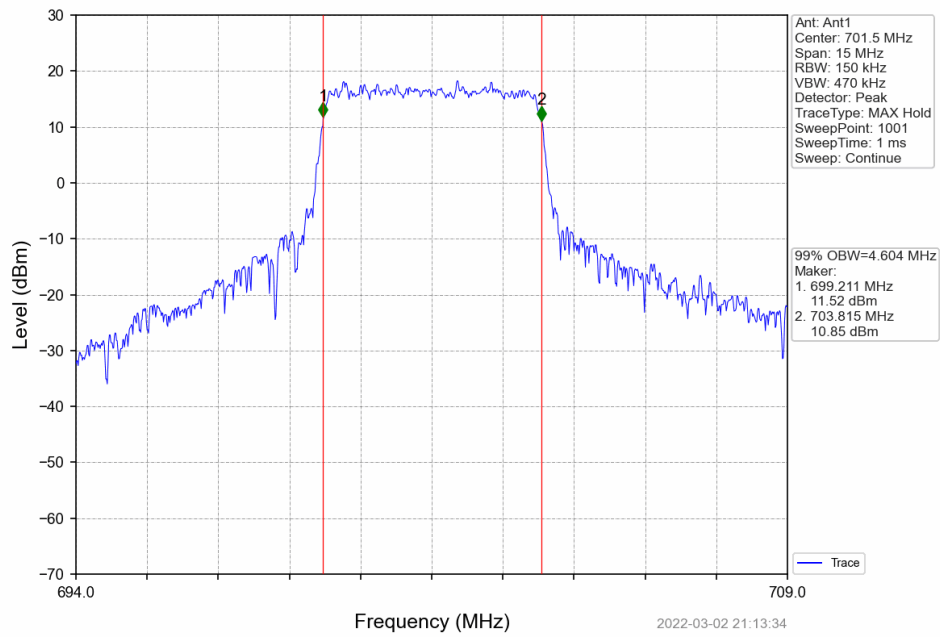
Band12 3MHz 16QAM MCH 702.5MHz RB 15 0 NTNV



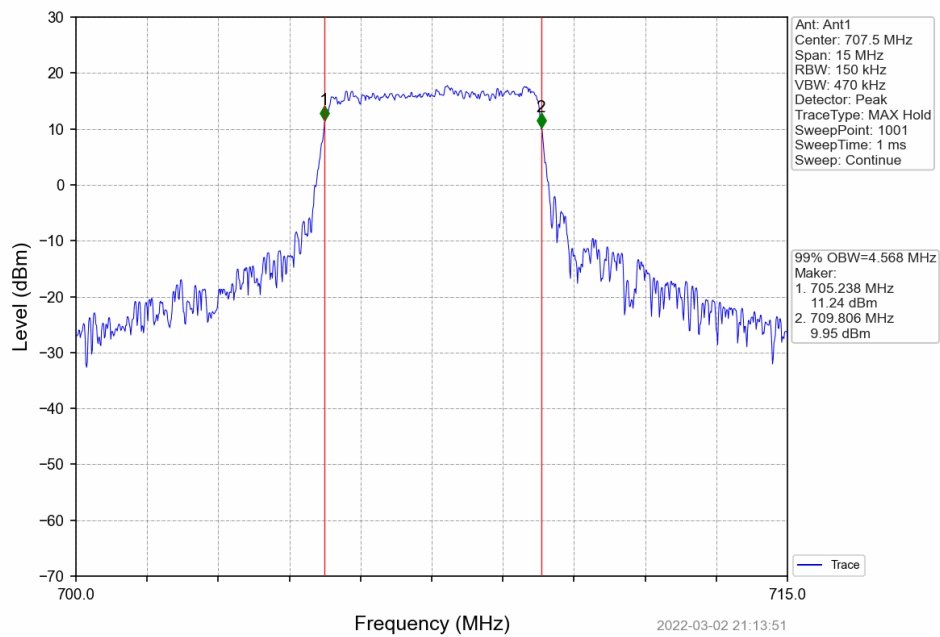
Band12 3MHz 16QAM HCH 711.5MHz RB 15 0 NTNV



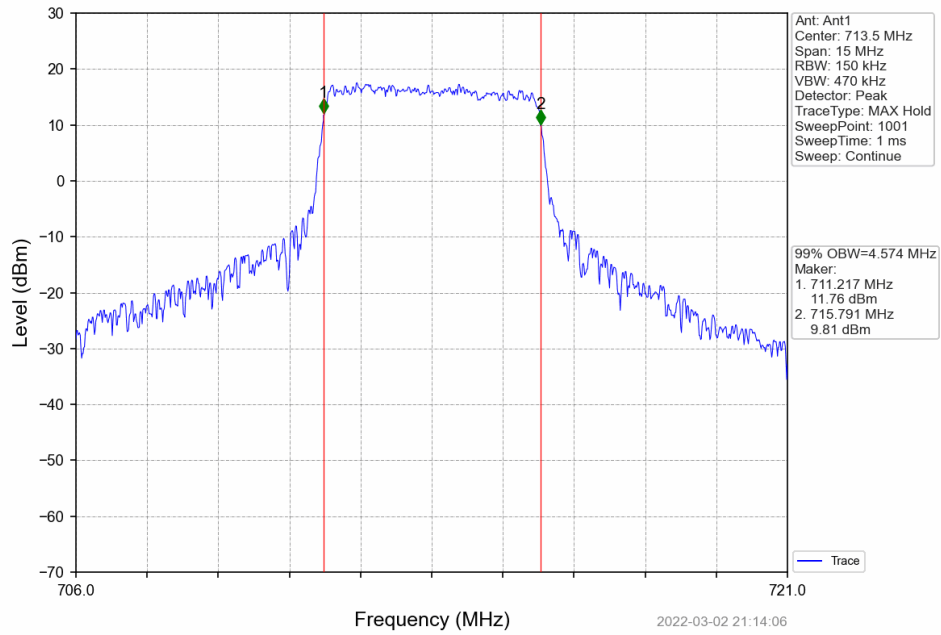
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



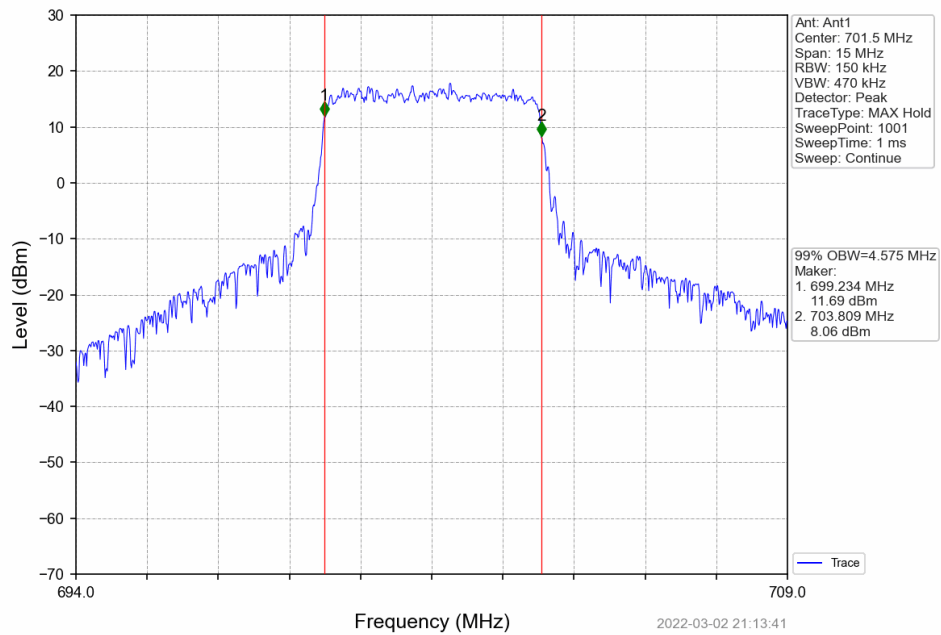
Band12_5MHz_QPSK_MCH_702.5MHz_RB_25_0_NTNV



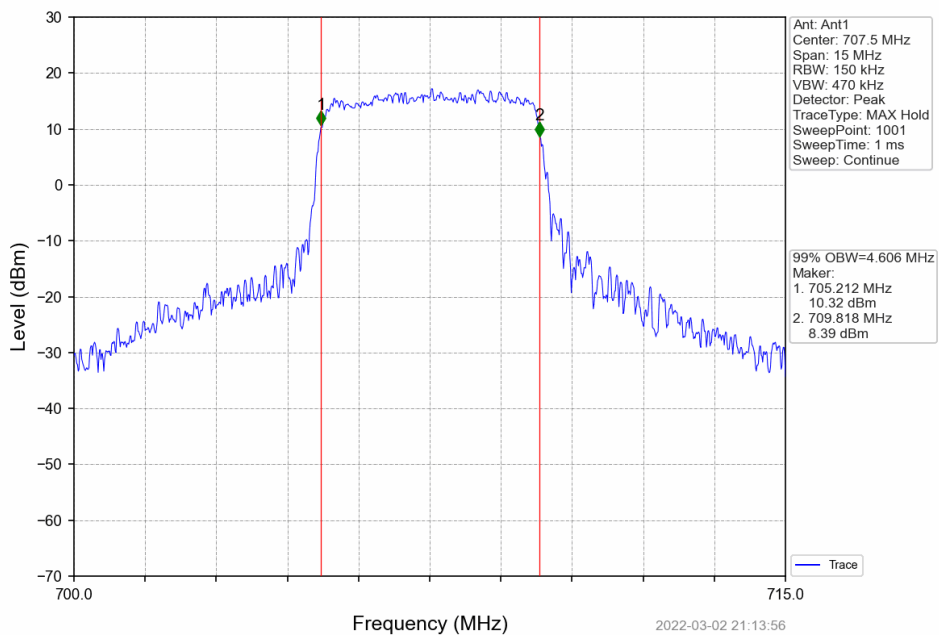
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



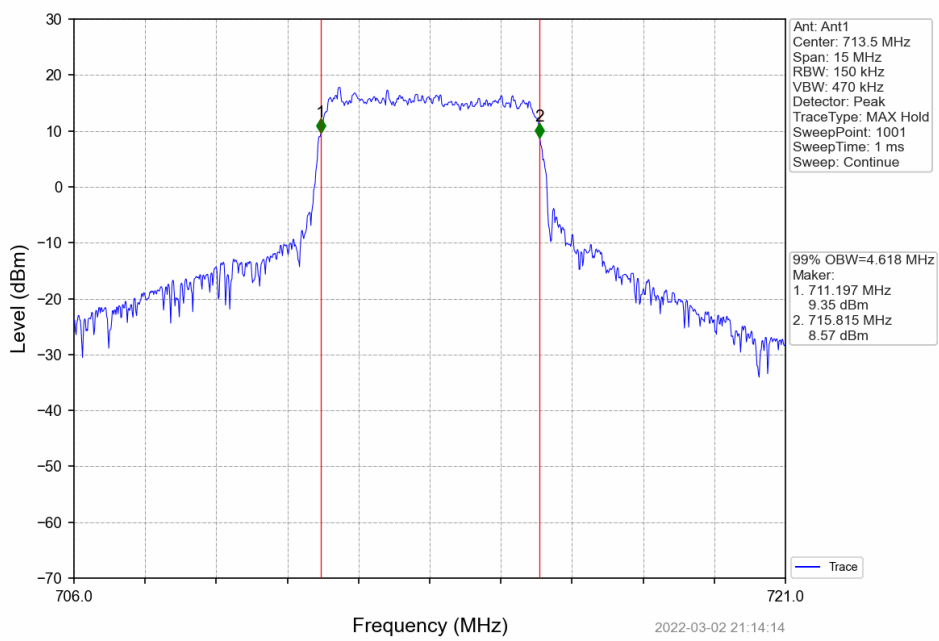
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



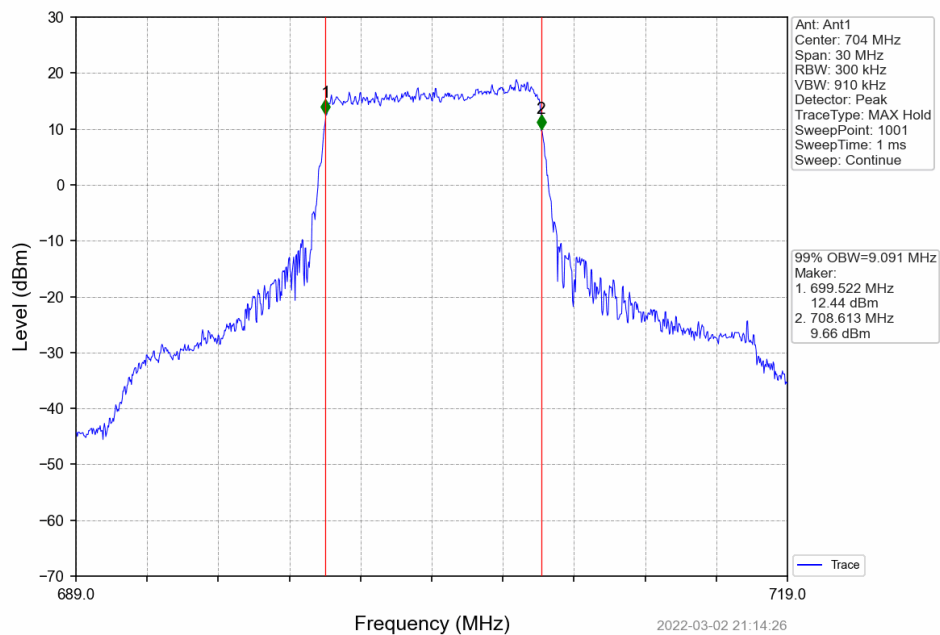
Band12 5MHz 16QAM MCH 702.5MHz RB 25 0 NTNV



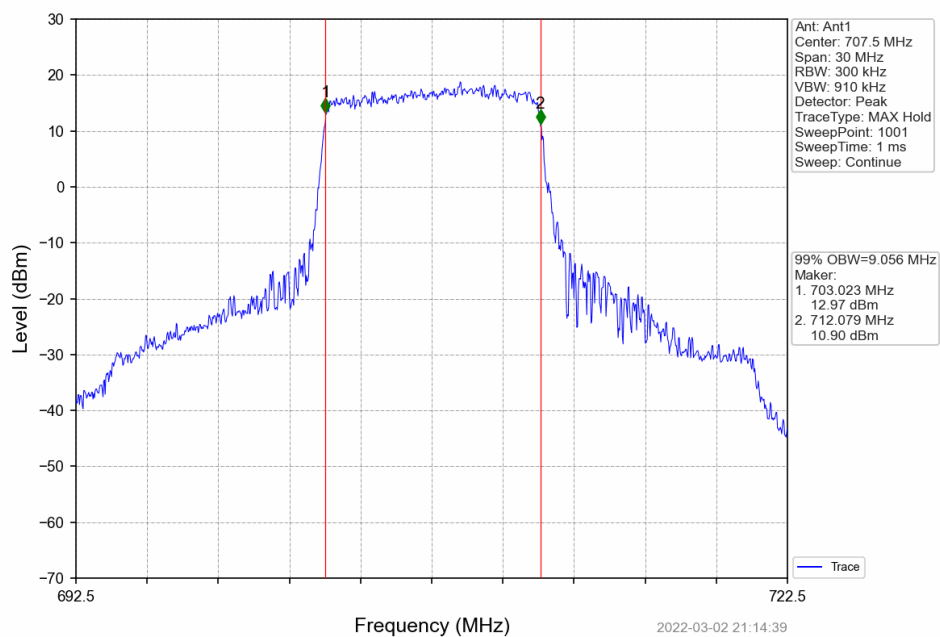
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



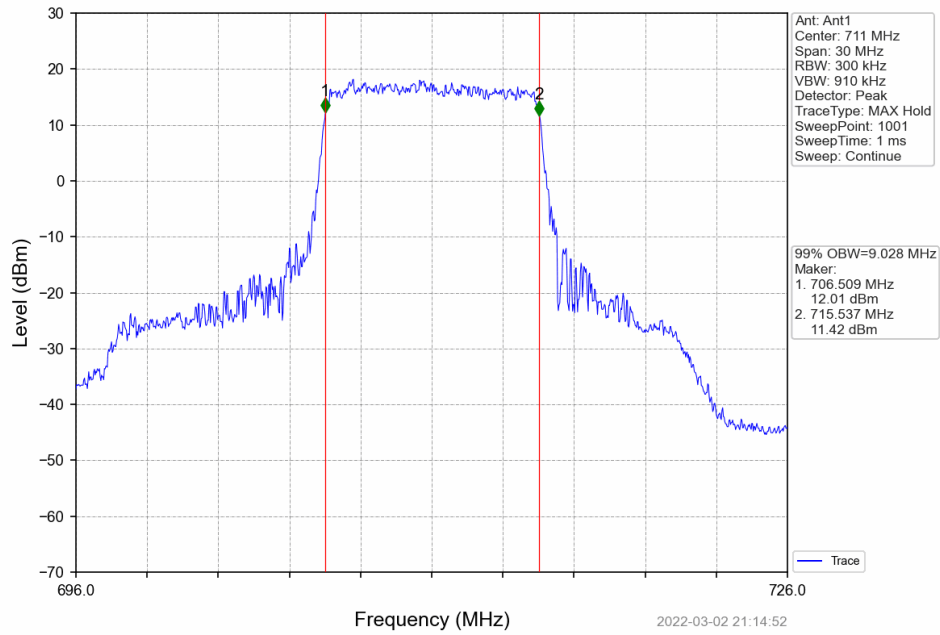
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



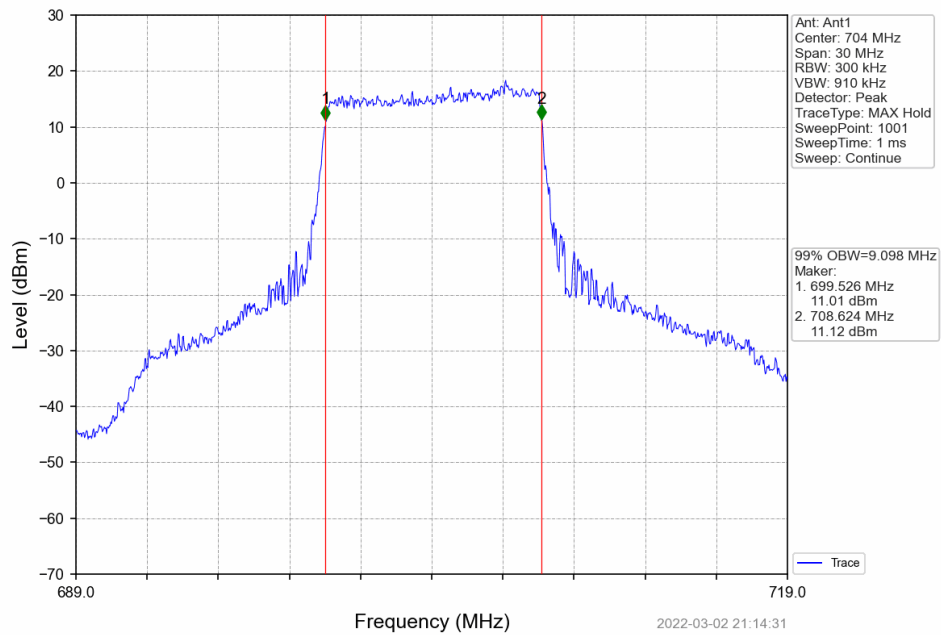
Band12_10MHz_QPSK_MCH_702.5MHz_RB_50_0_NTNV



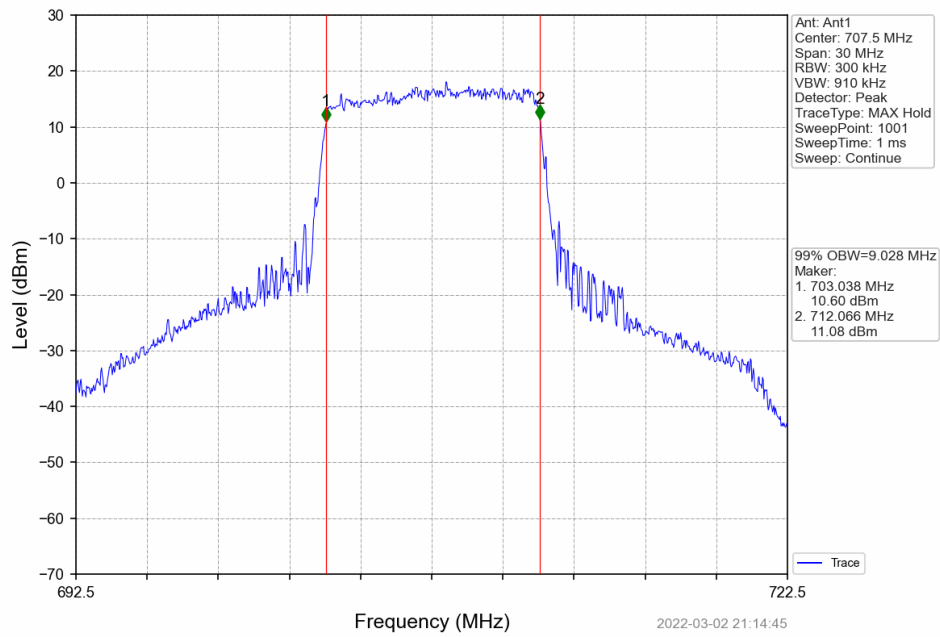
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



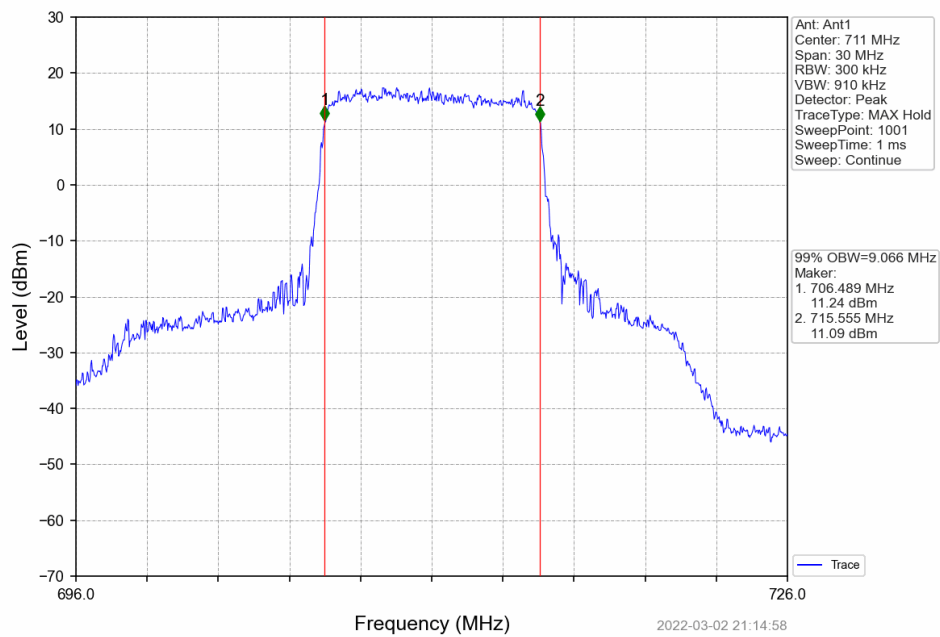
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTN



Band12_10MHz_16QAM_MCH_702.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

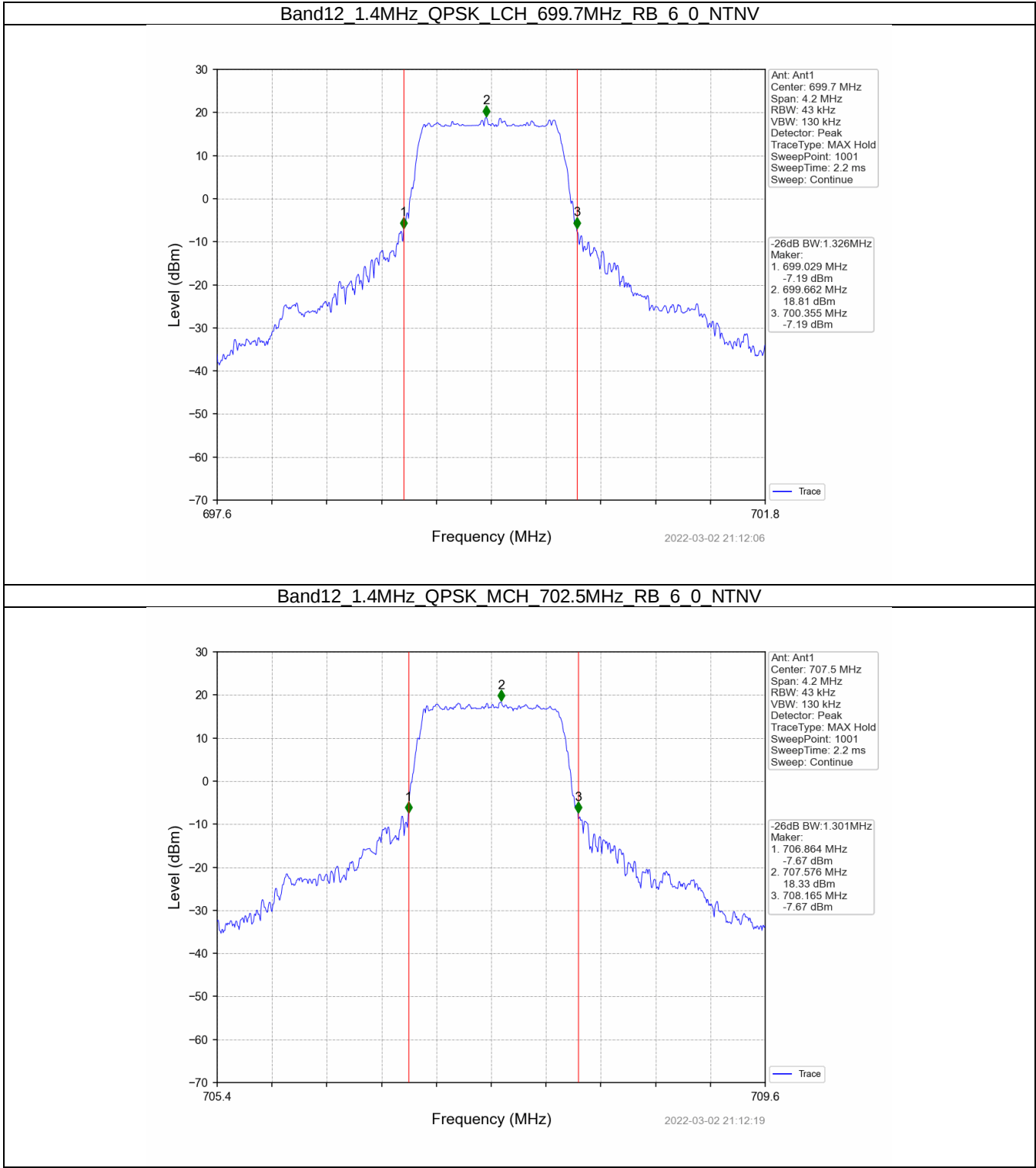


4.2 Band12_XDB

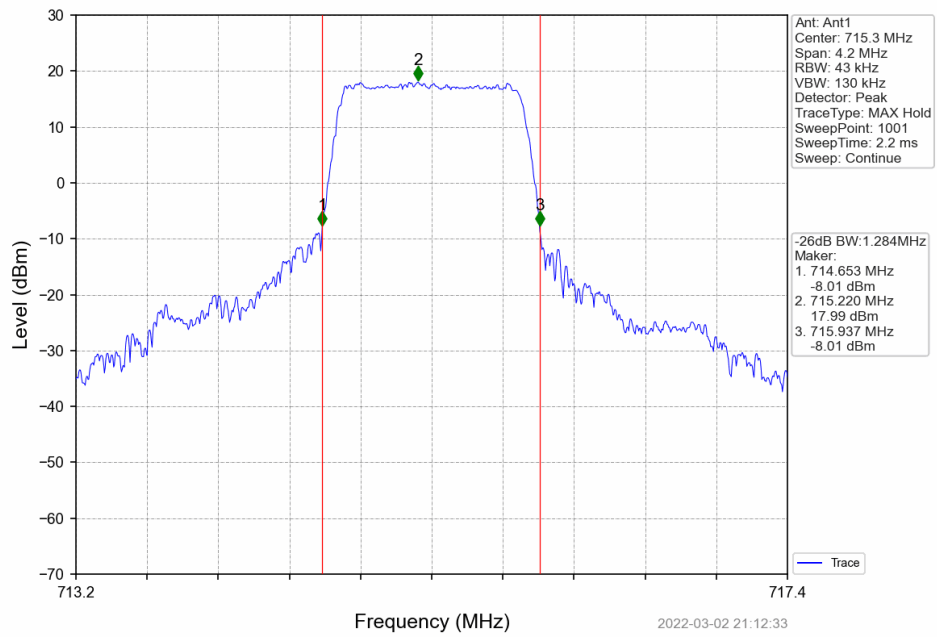
4.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.326	Pass
		702.5	6	0	1.301	Pass
		715.3	6	0	1.284	Pass
	16QAM	699.7	6	0	1.350	Pass
		702.5	6	0	1.321	Pass
		715.3	6	0	1.275	Pass
3	QPSK	700.5	15	0	3.117	Pass
		702.5	15	0	3.093	Pass
		711.5	15	0	3.097	Pass
	16QAM	700.5	15	0	3.110	Pass
		702.5	15	0	3.263	Pass
		711.5	15	0	3.277	Pass
5	QPSK	701.5	25	0	5.340	Pass
		702.5	25	0	5.582	Pass
		713.5	25	0	5.559	Pass
	16QAM	701.5	25	0	5.521	Pass
		702.5	25	0	5.466	Pass
		713.5	25	0	5.550	Pass
10	QPSK	704	50	0	10.264	Pass
		702.5	50	0	10.266	Pass
		711	50	0	10.228	Pass
	16QAM	704	50	0	10.234	Pass
		702.5	50	0	10.769	Pass
		711	50	0	10.008	Pass

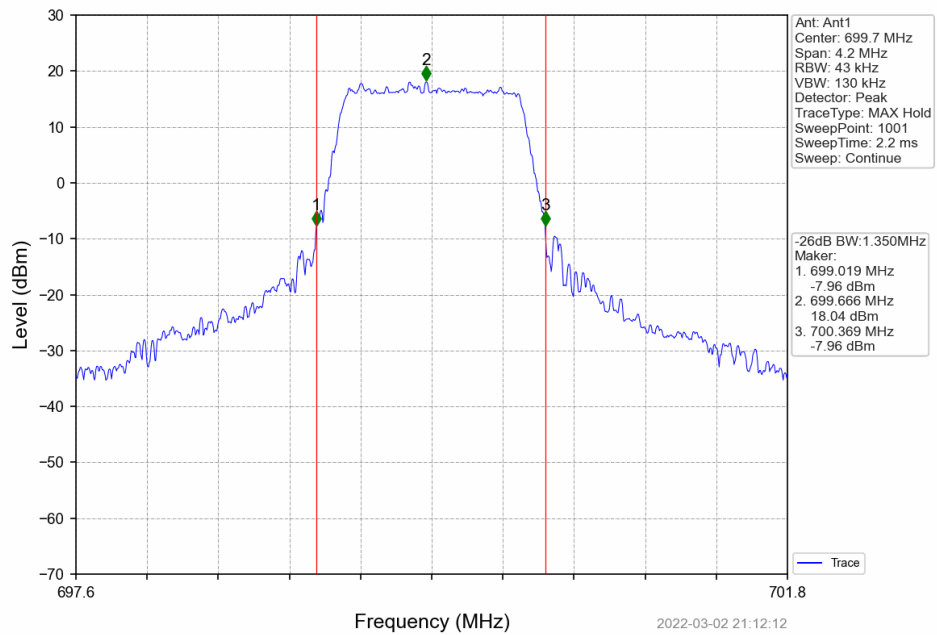
4.2.2 Test Graph



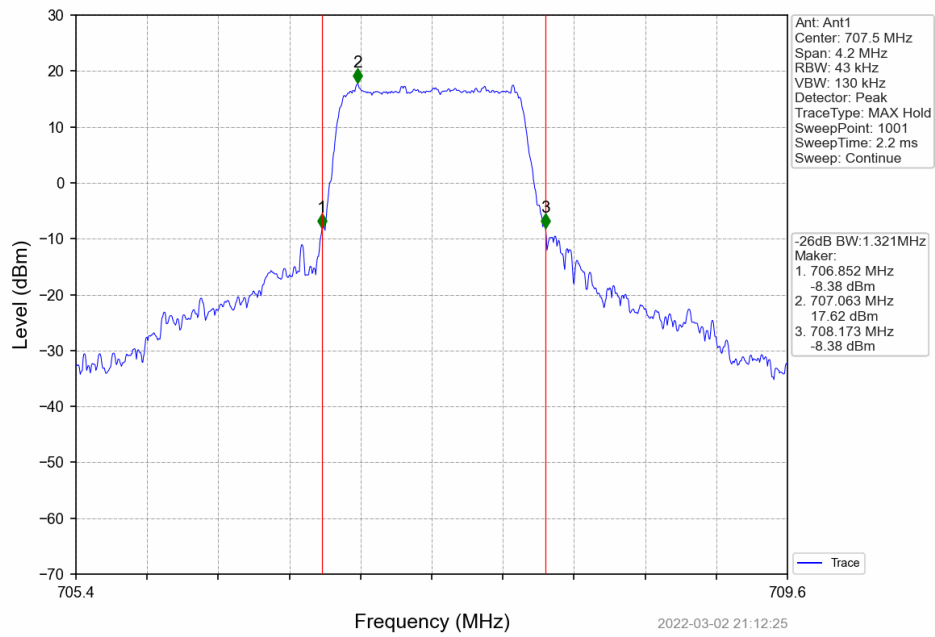
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



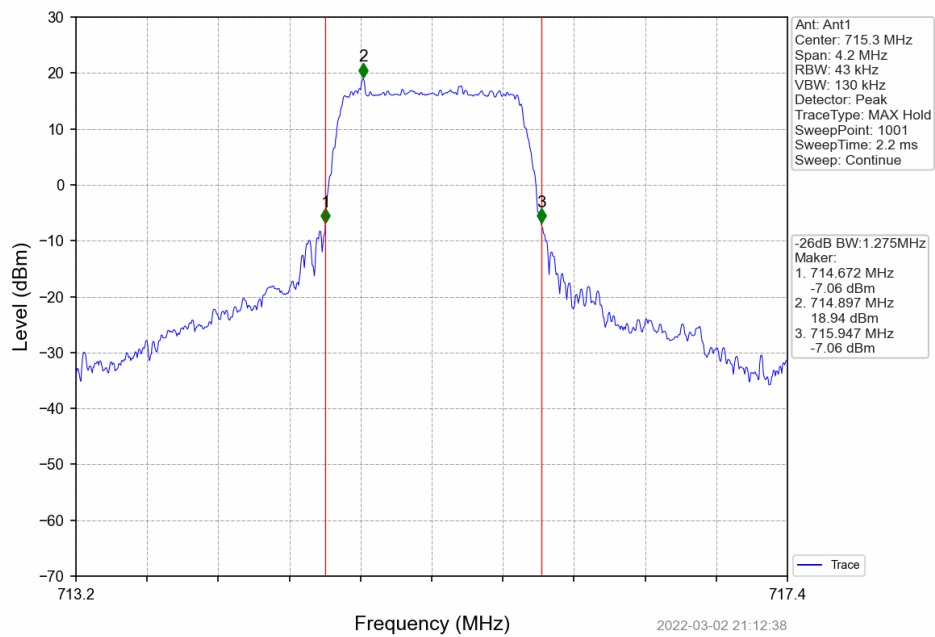
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



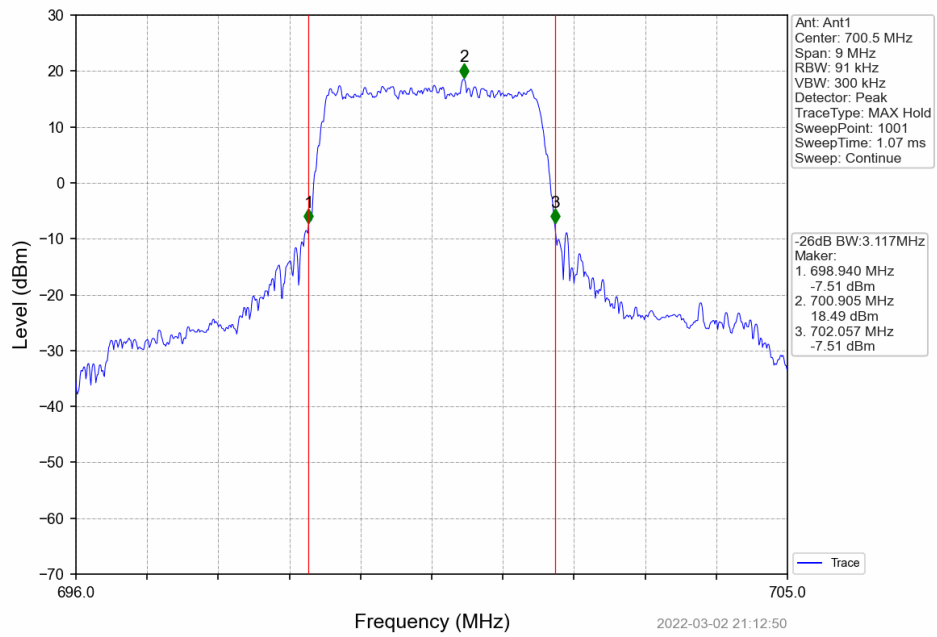
Band12 1.4MHz 16QAM MCH 702.5MHz RB 6 0 NTNV



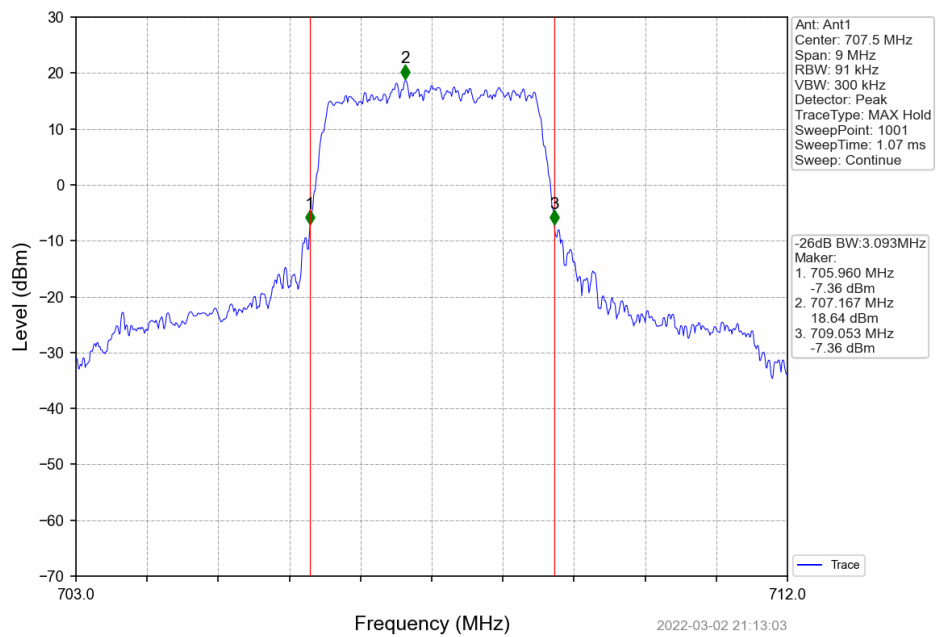
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



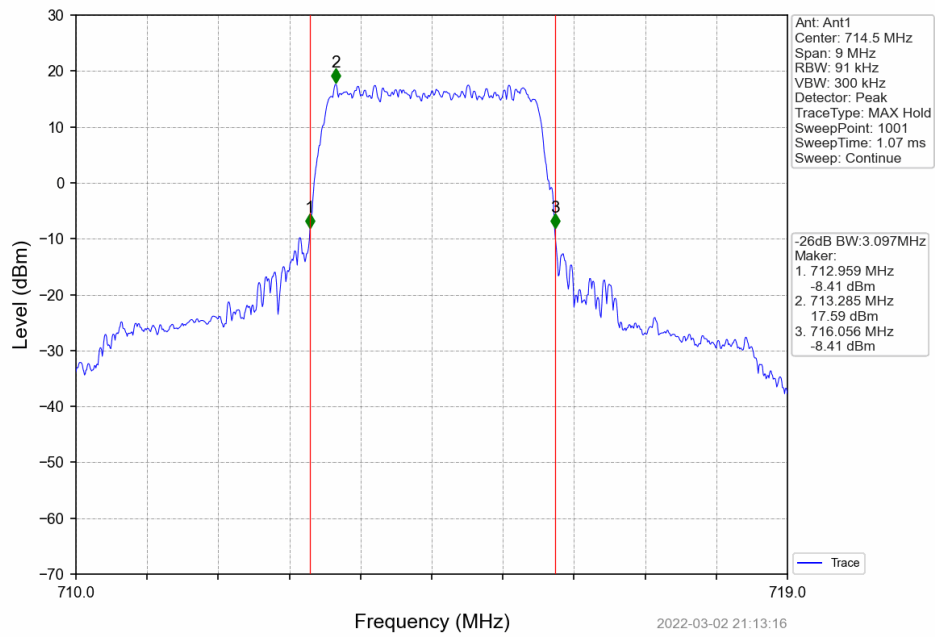
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



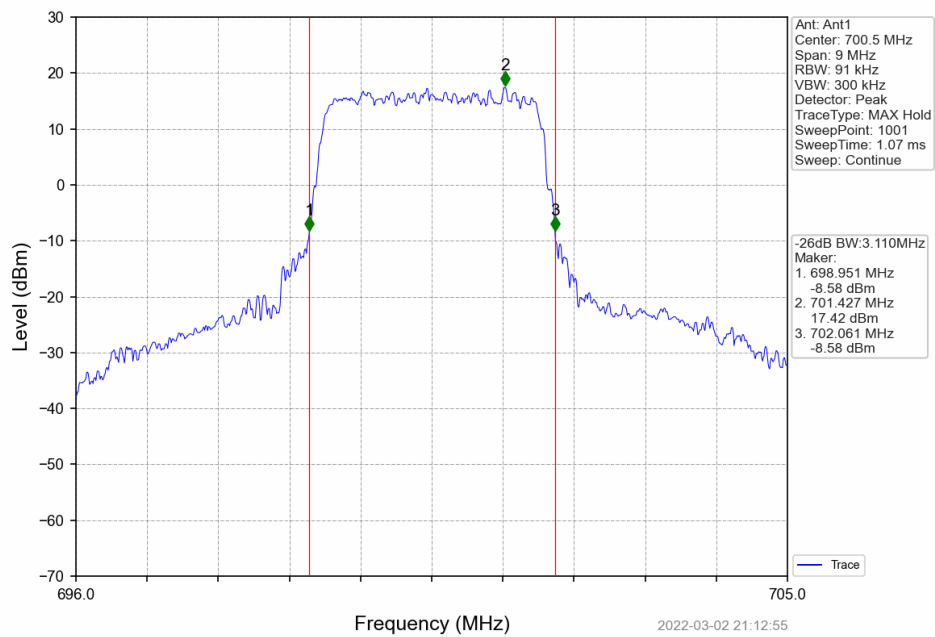
Band12_3MHz_QPSK_MCH_702.5MHz_RB_15_0_NTNV



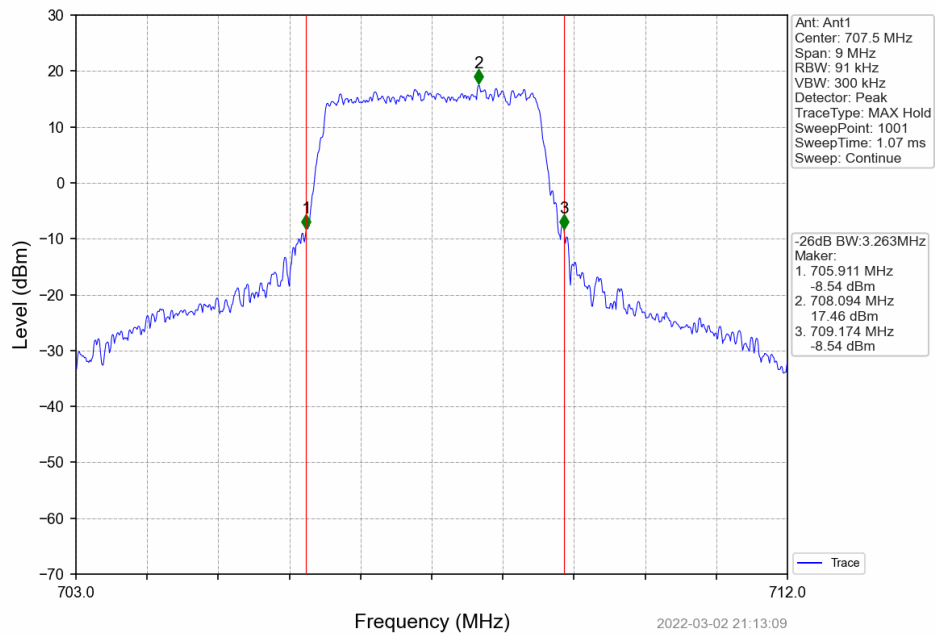
Band12 3MHz QPSK HCH 711.5MHz RB 15 0 NTN



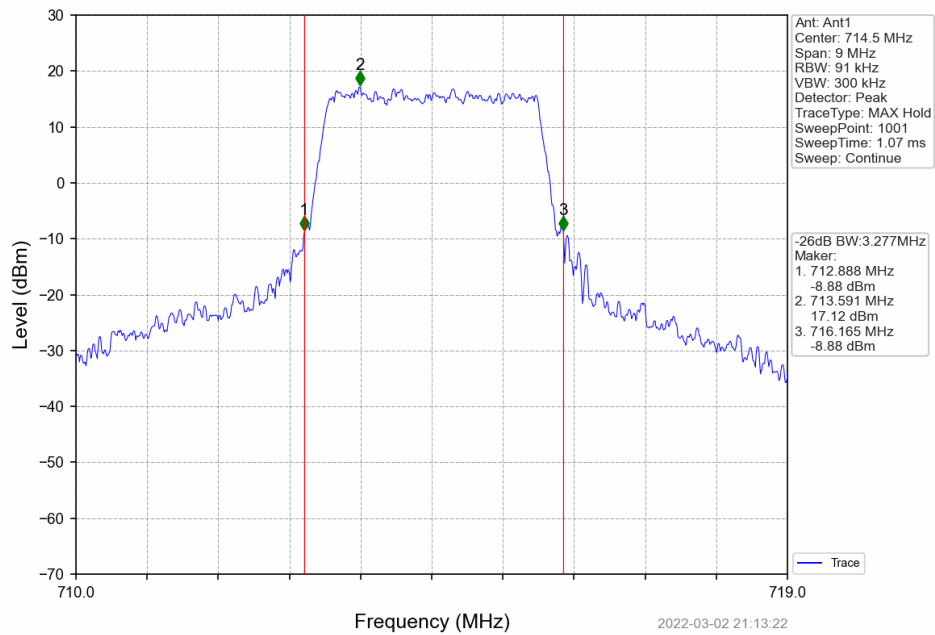
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTN



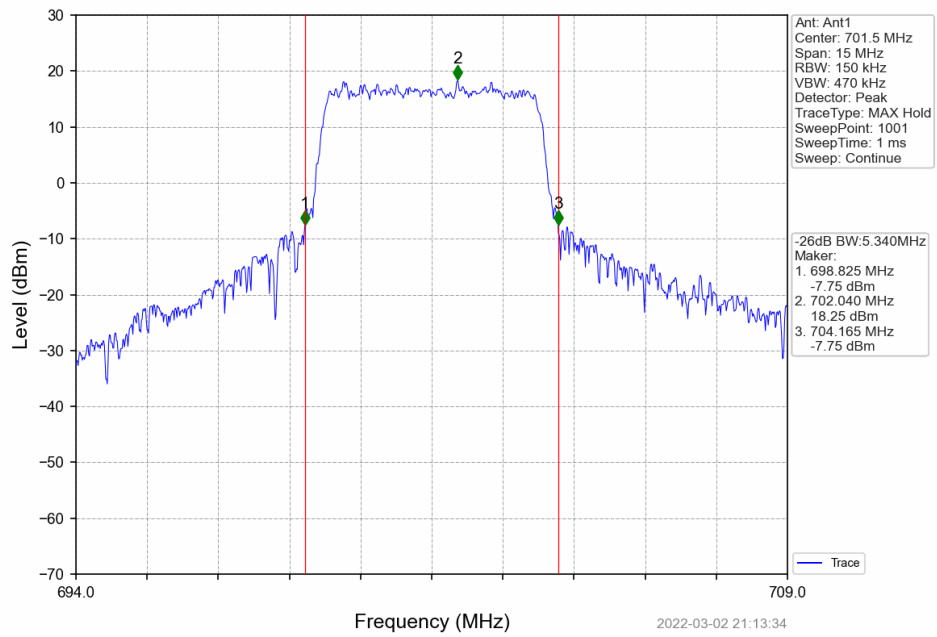
Band12 3MHz 16QAM MCH 702.5MHz RB 15 0 NTNV



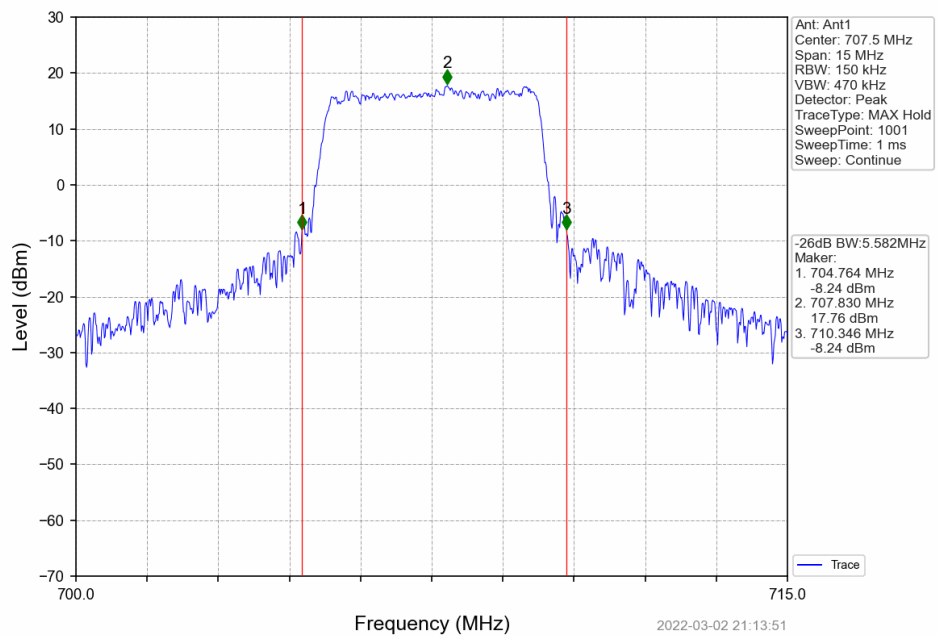
Band12 3MHz 16QAM HCH 711.5MHz RB 15 0 NTNV



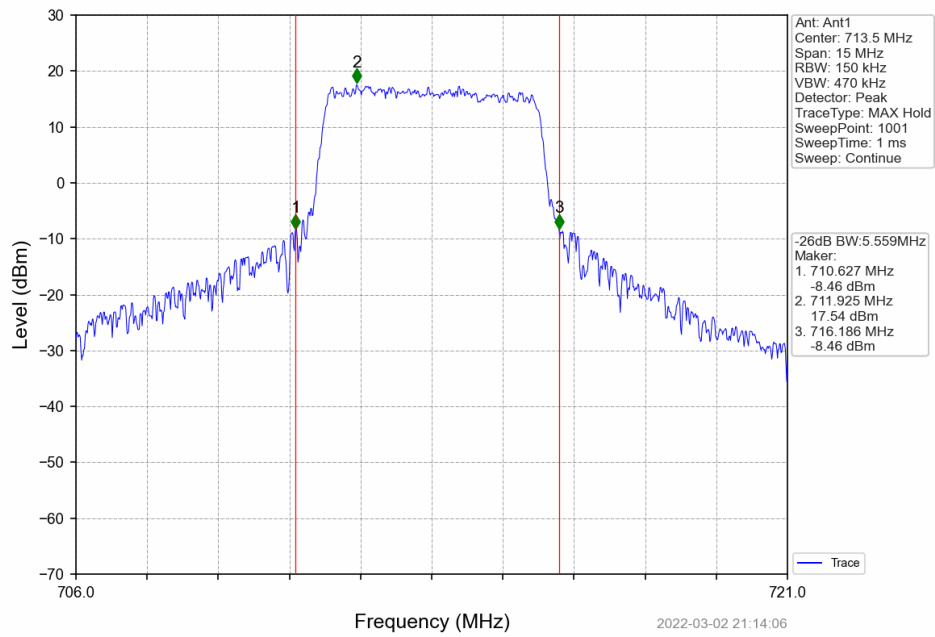
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



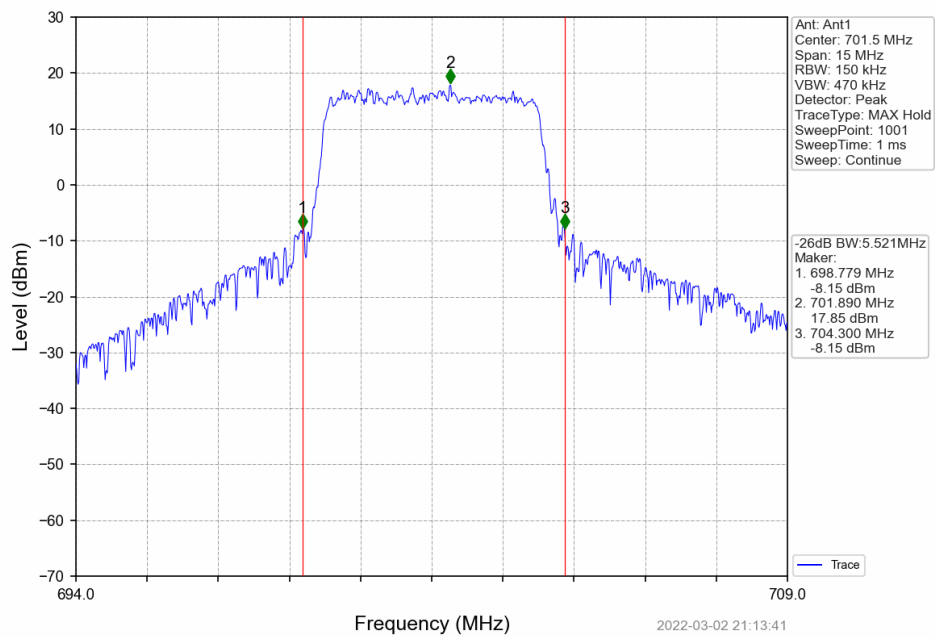
Band12_5MHz_QPSK_MCH_702.5MHz_RB_25_0_NTNV



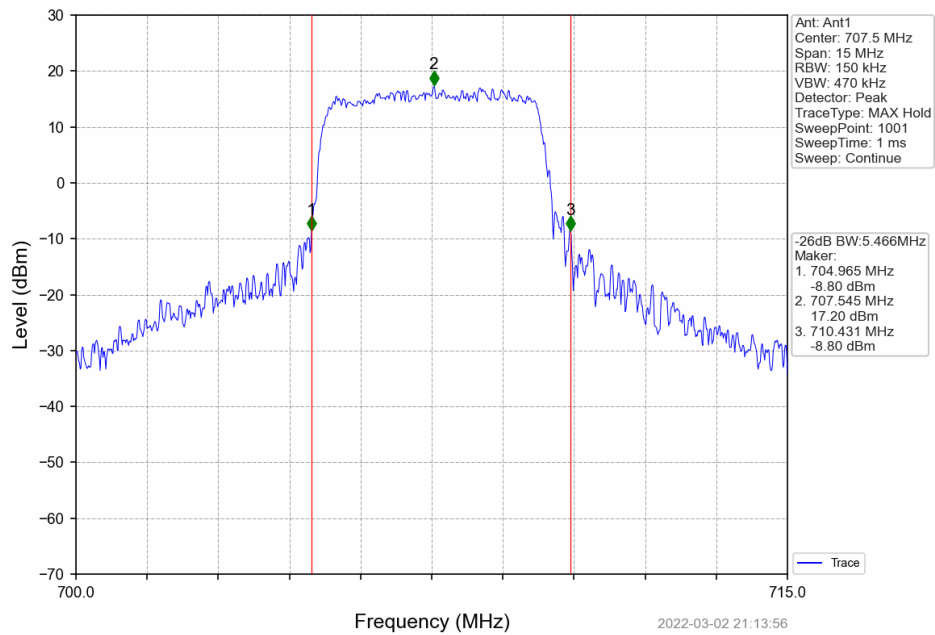
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTN



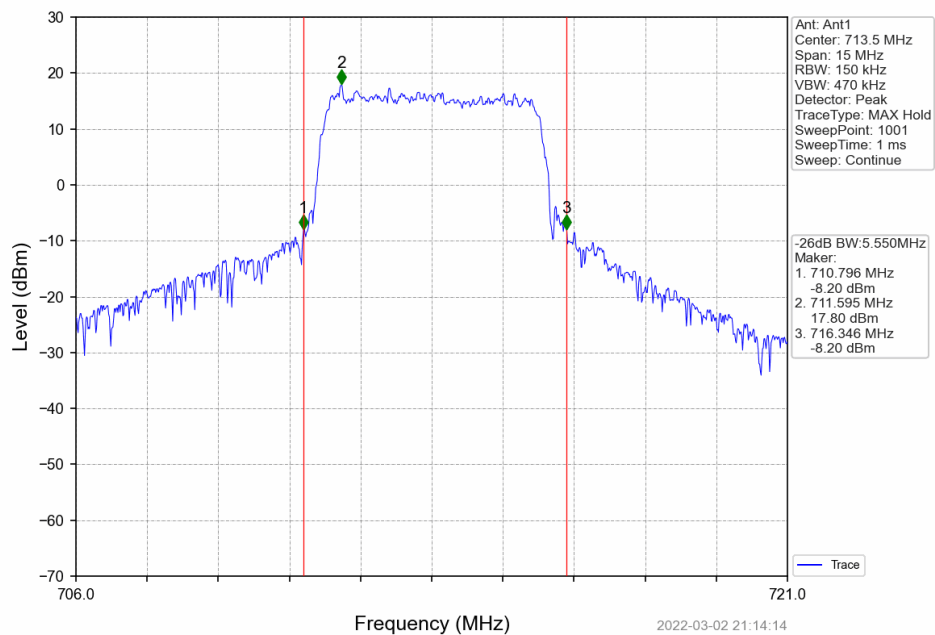
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTN



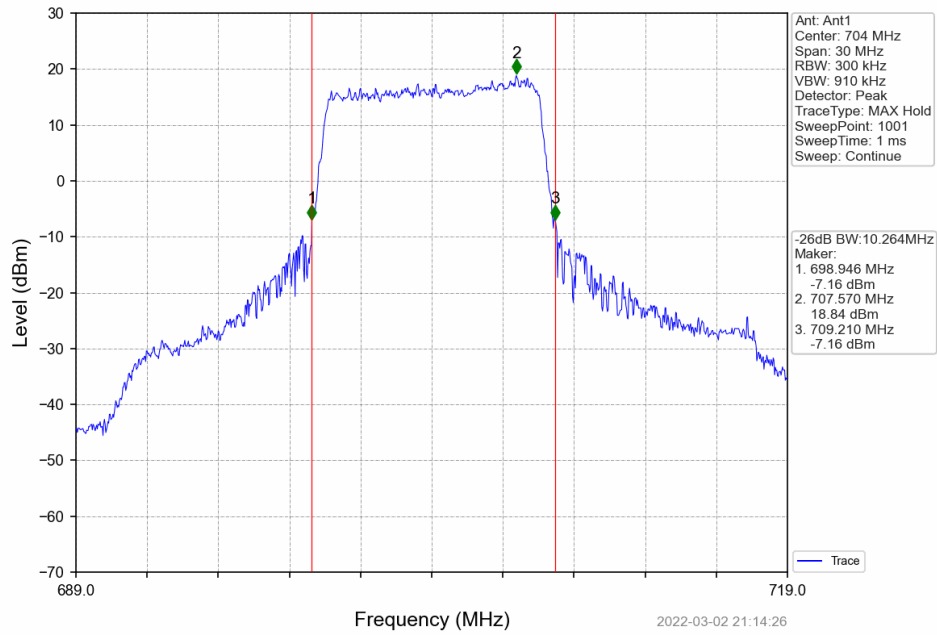
Band12 5MHz 16QAM MCH 702.5MHz RB 25 0 NTNV



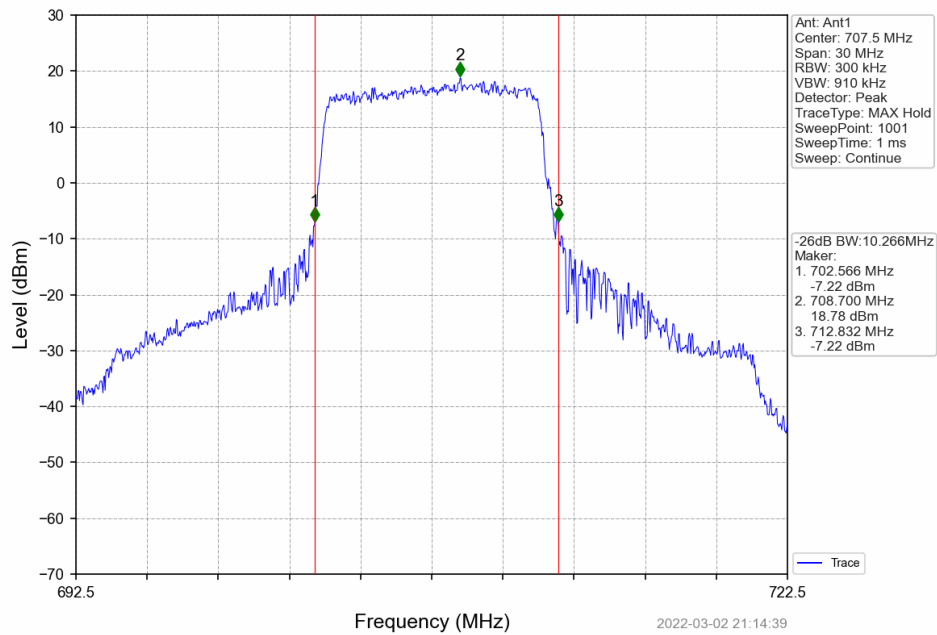
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



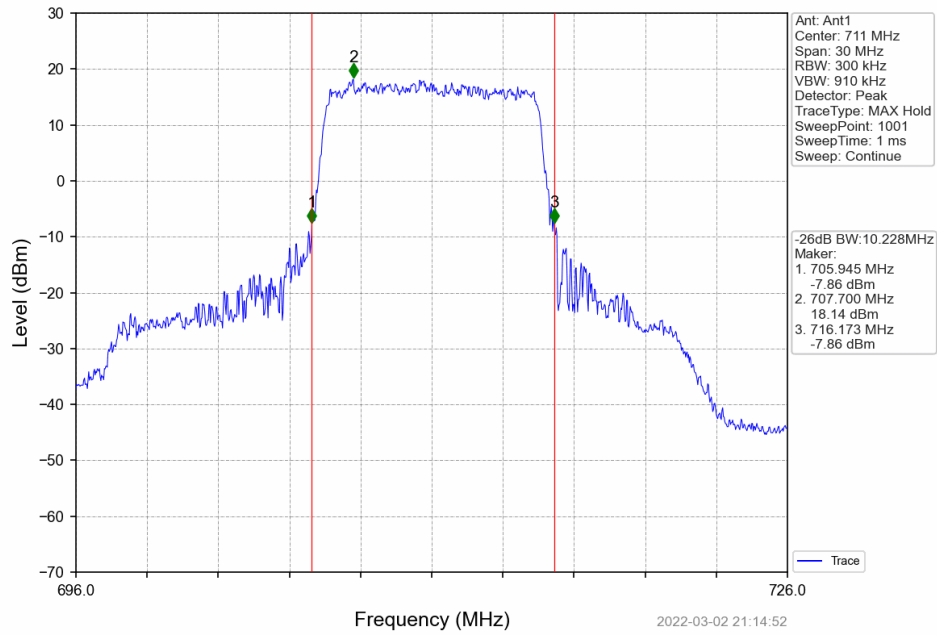
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



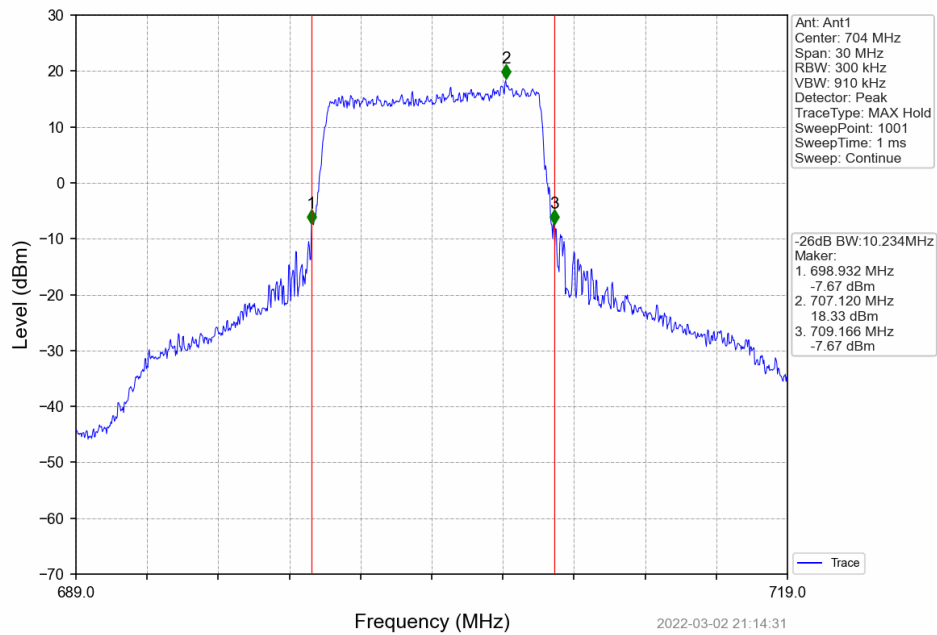
Band12_10MHz_QPSK_MCH_702.5MHz_RB_50_0_NTNV



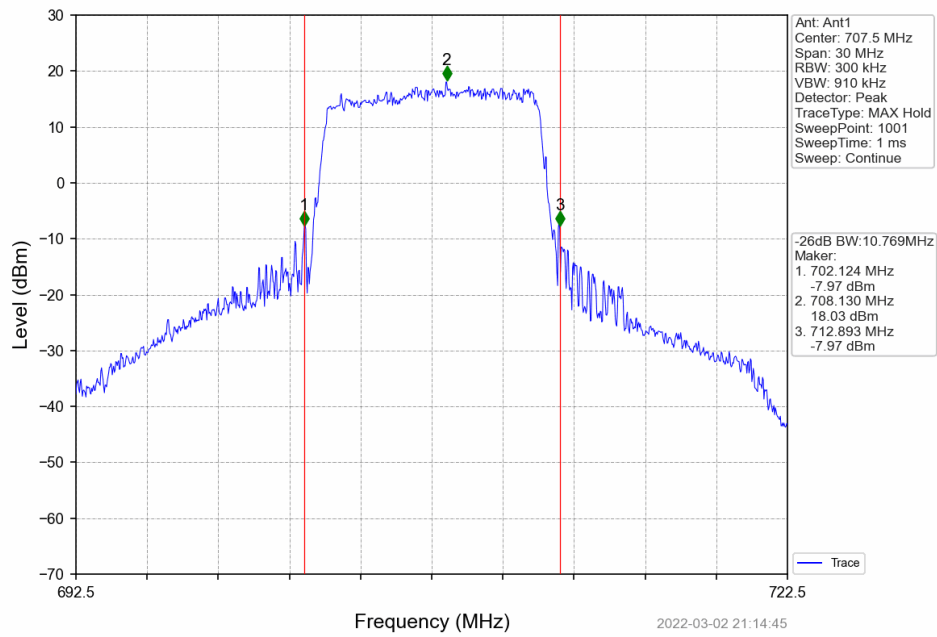
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



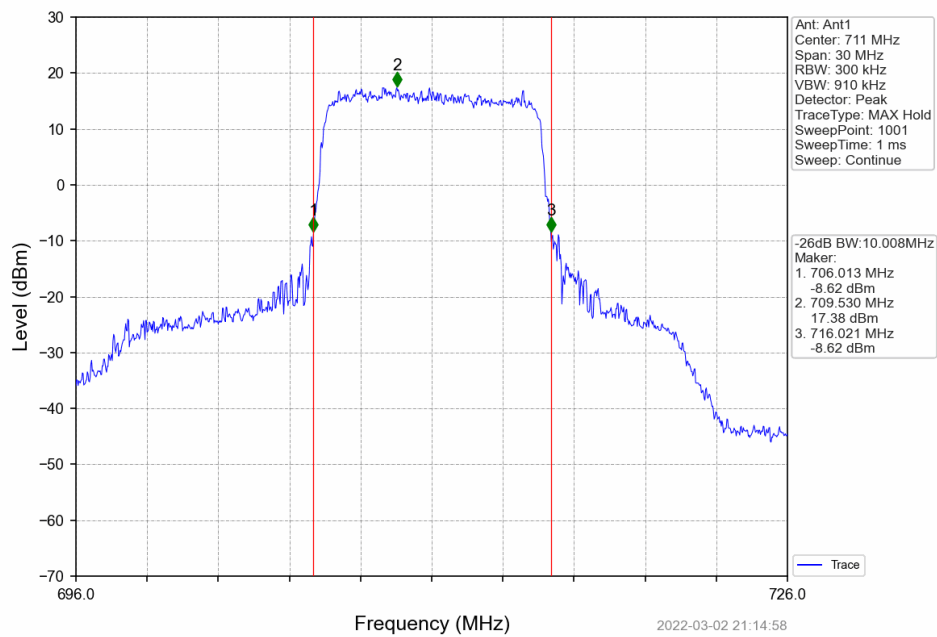
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTN



Band12_10MHz_16QAM_MCH_702.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



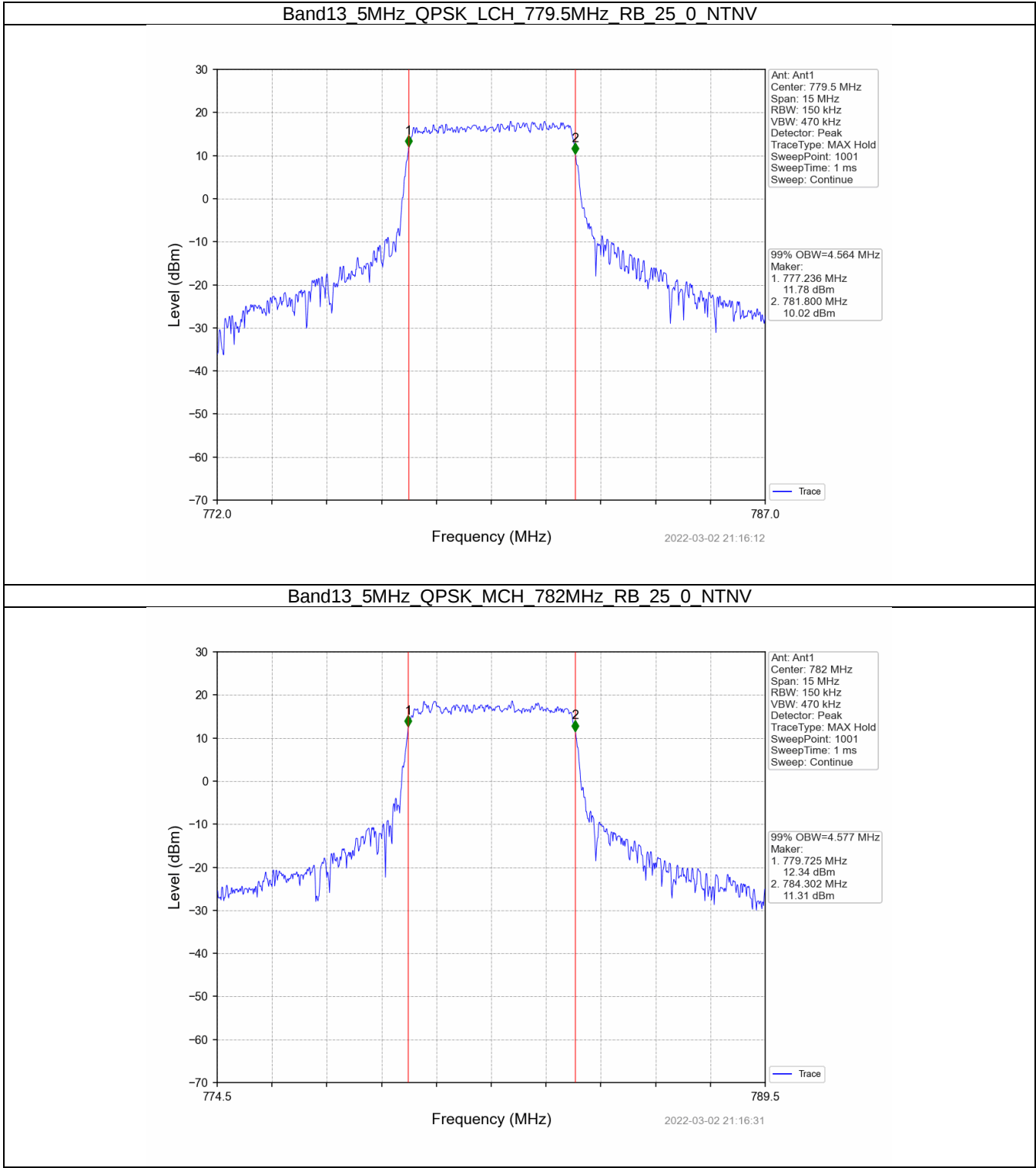
5. 99% & 26dB Bandwidth

5.1 Band13_OBW

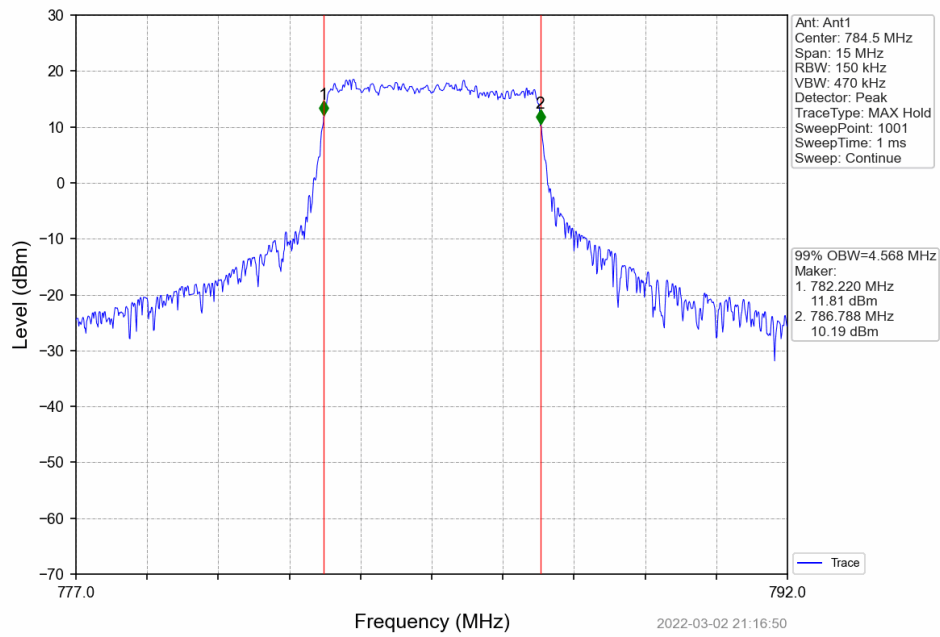
5.1.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.564	Pass
		782	25	0	4.577	Pass
		781.5	25	0	4.568	Pass
	16QAM	779.5	25	0	4.606	Pass
		782	25	0	4.551	Pass
		781.5	25	0	4.606	Pass
10	QPSK	782	50	0	9.024	Pass
		782	50	0	9.035	Pass
		782	50	0	9.022	Pass
	16QAM	782	50	0	9.014	Pass
		782	50	0	9.018	Pass
		782	50	0	9.044	Pass

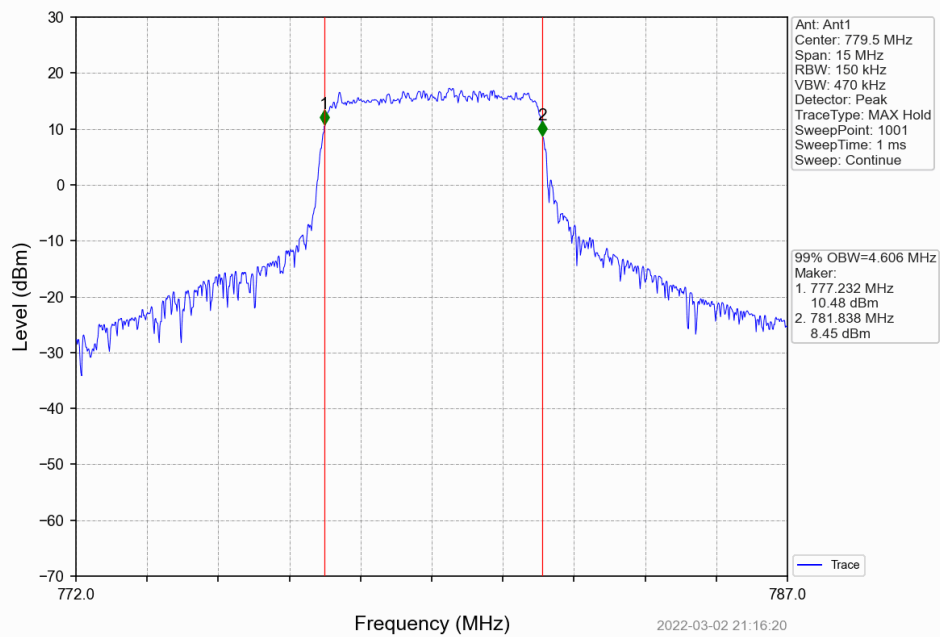
2.1.2 Test Graph



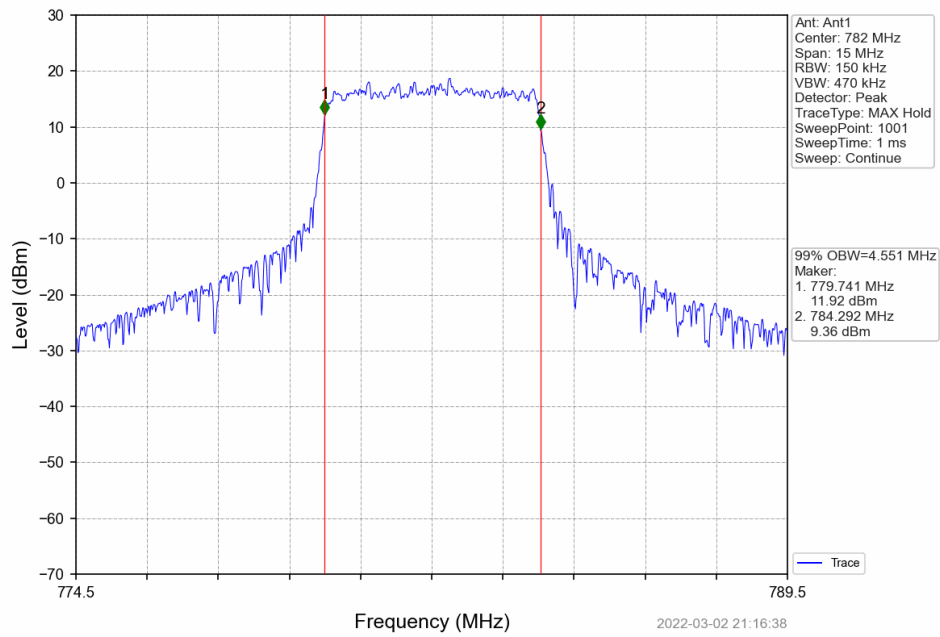
Band13_5MHz_QPSK_HCH_781.5MHz_RB_25_0_NTNV



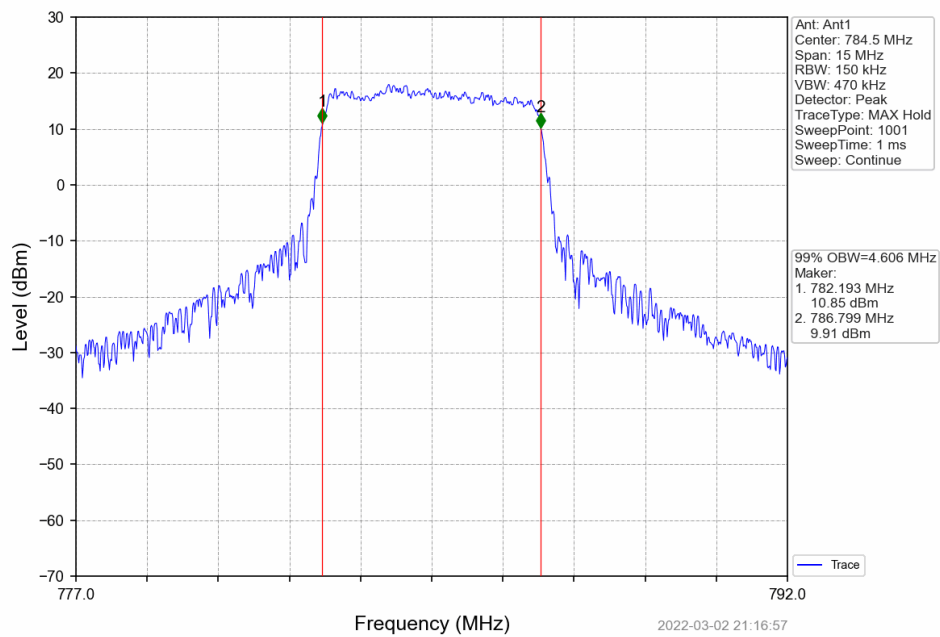
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



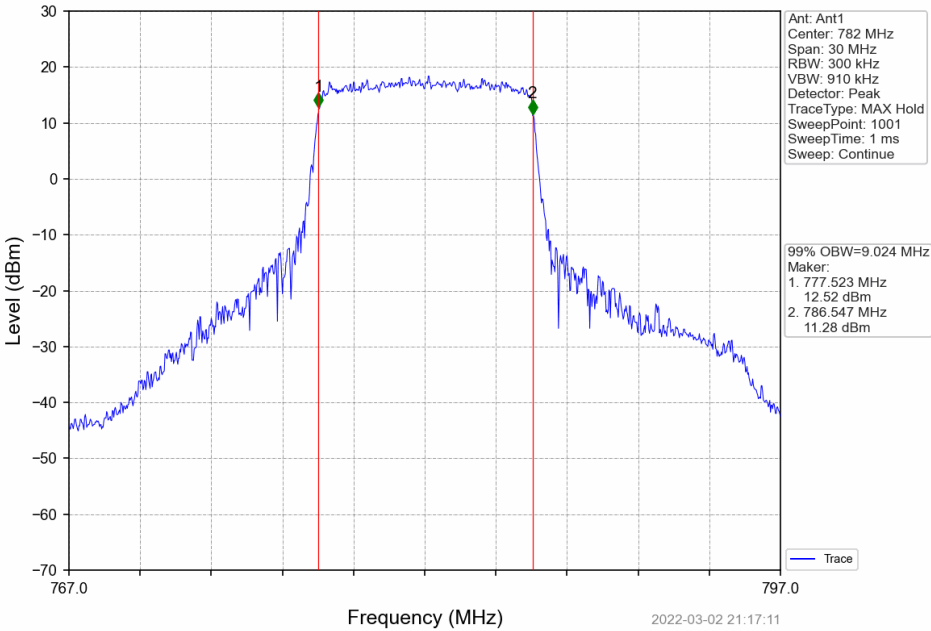
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTN



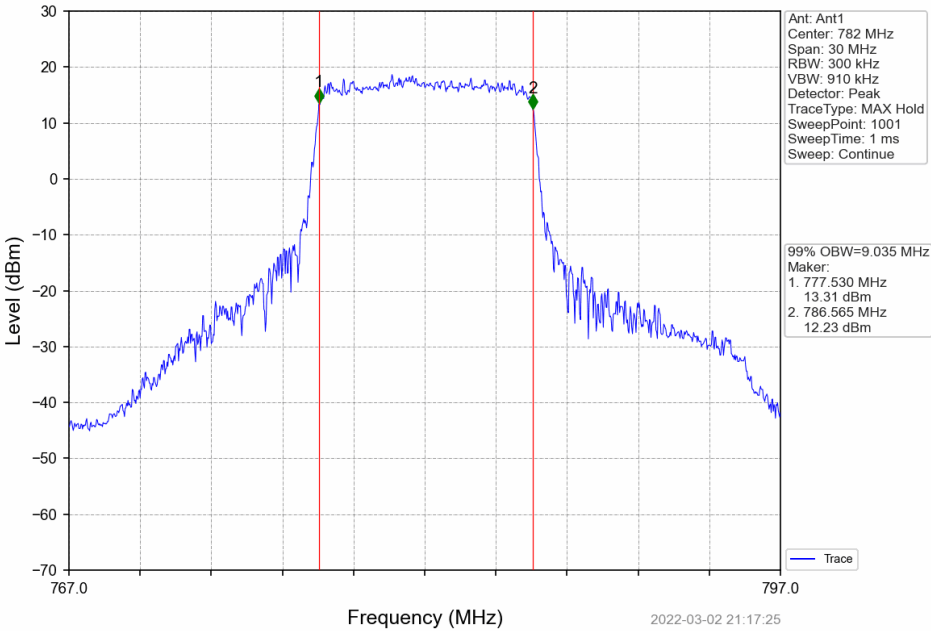
Band13_5MHz_16QAM_HCH_781.5MHz_RB_25_0 NTN



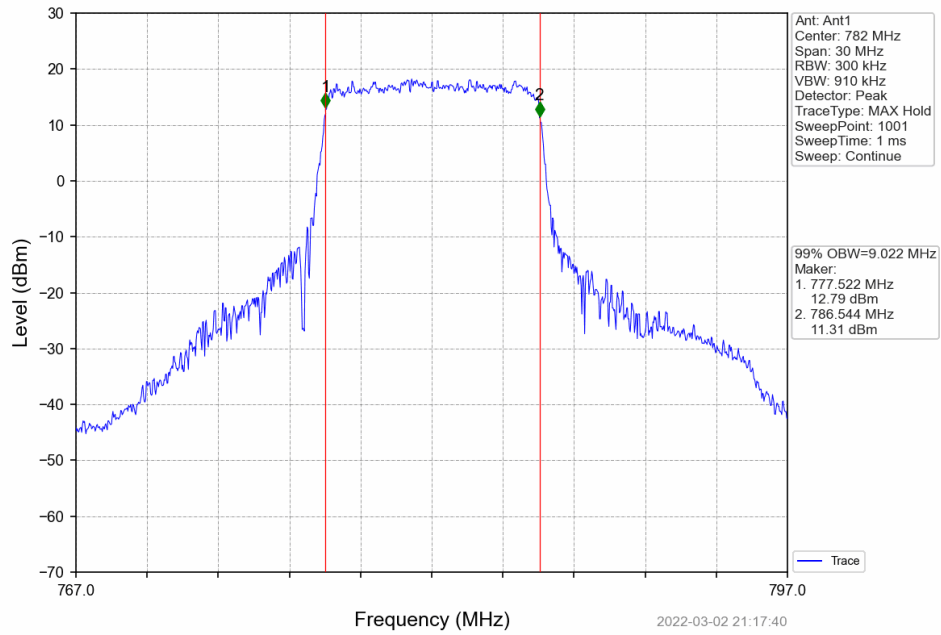
Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



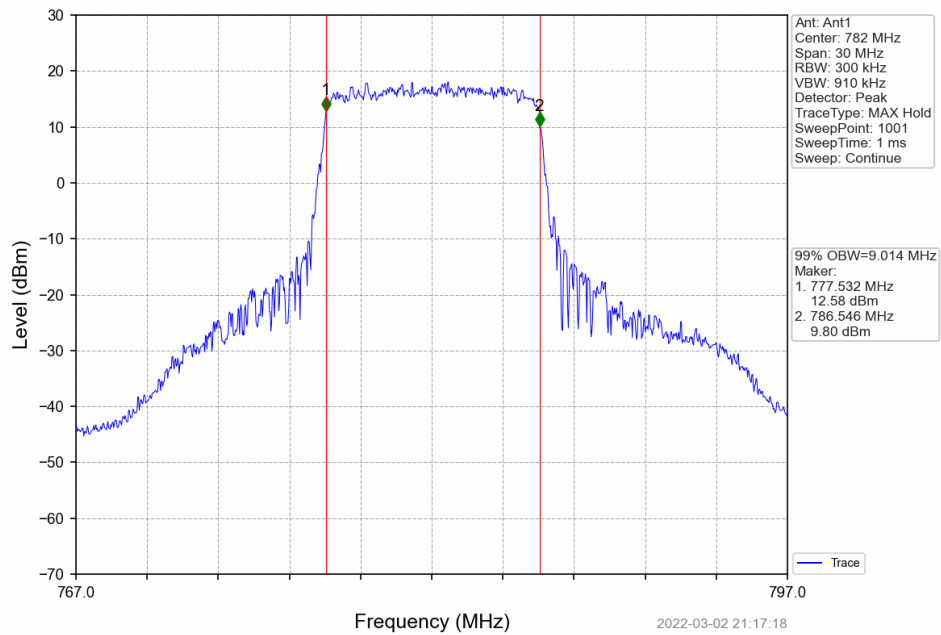
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



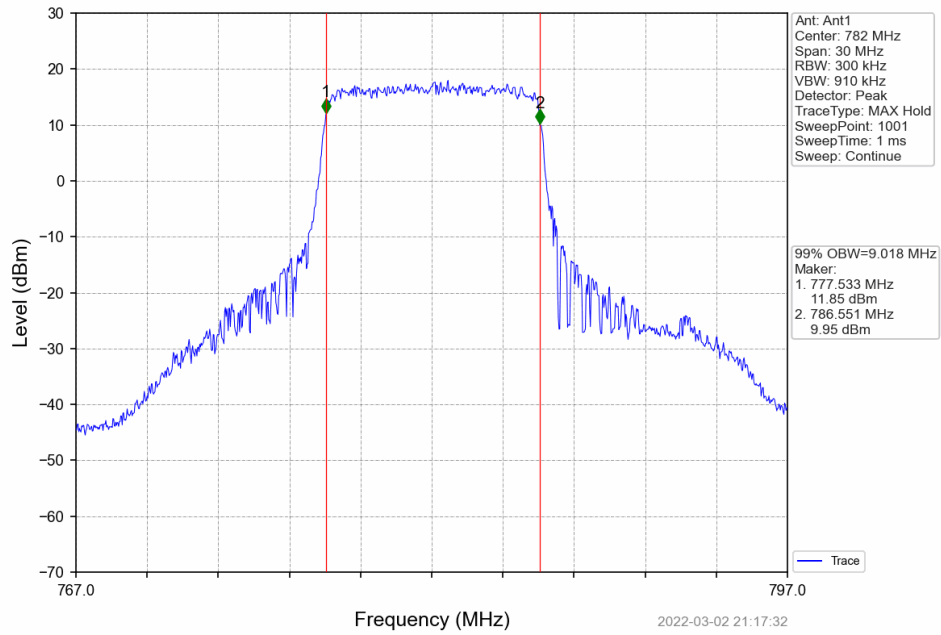
Band13 10MHz QPSK HCH 782MHz RB 50 0 NTN



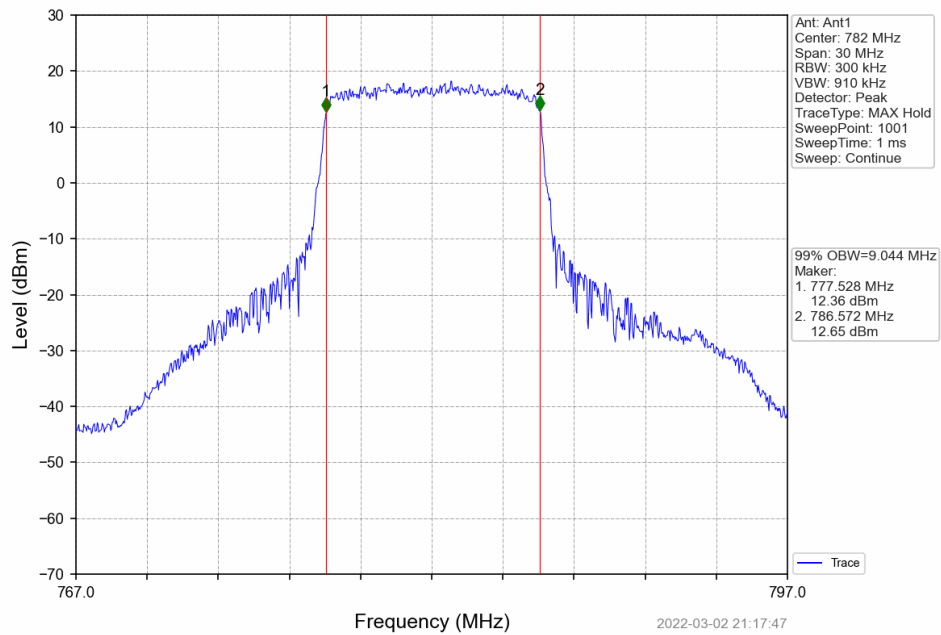
Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTN



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV

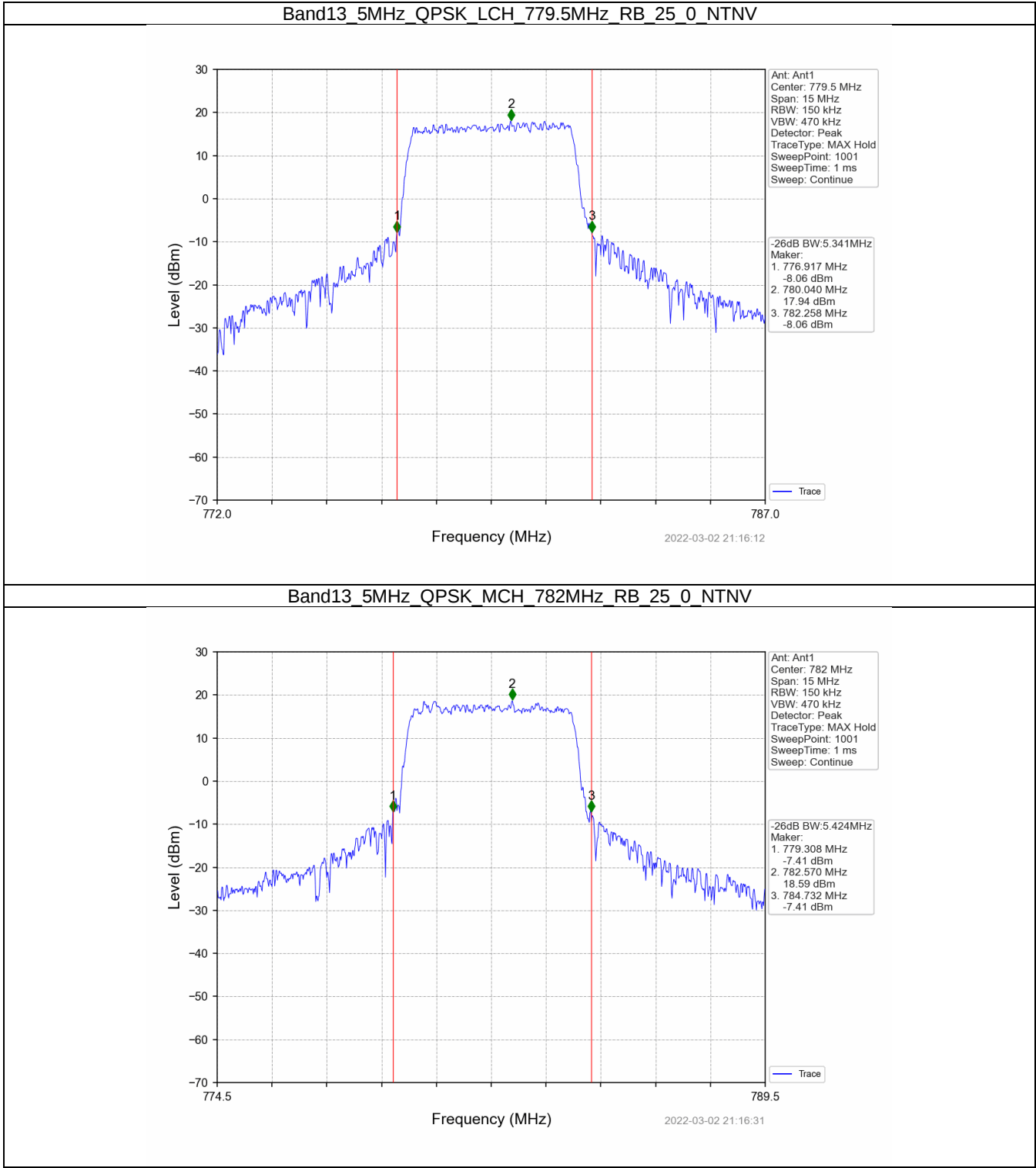


5.2 Band13_XDB

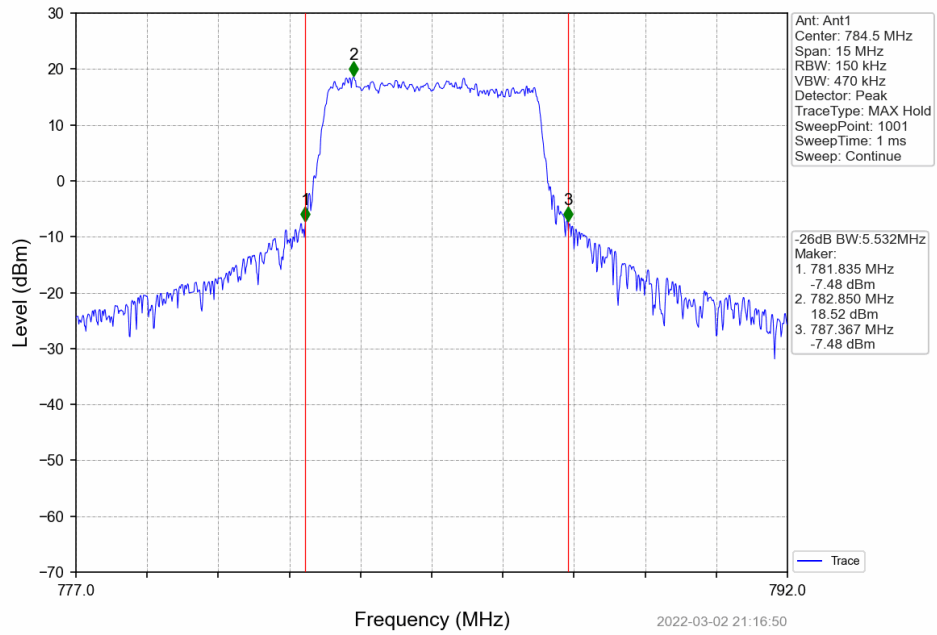
5.2.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.341	Pass
		782	25	0	5.424	Pass
		781.5	25	0	5.532	Pass
	16QAM	779.5	25	0	5.663	Pass
		782	25	0	5.312	Pass
		781.5	25	0	5.356	Pass
10	QPSK	782	50	0	10.216	Pass
		782	50	0	10.163	Pass
		782	50	0	10.246	Pass
	16QAM	782	50	0	10.258	Pass
		782	50	0	10.262	Pass
		782	50	0	10.036	Pass

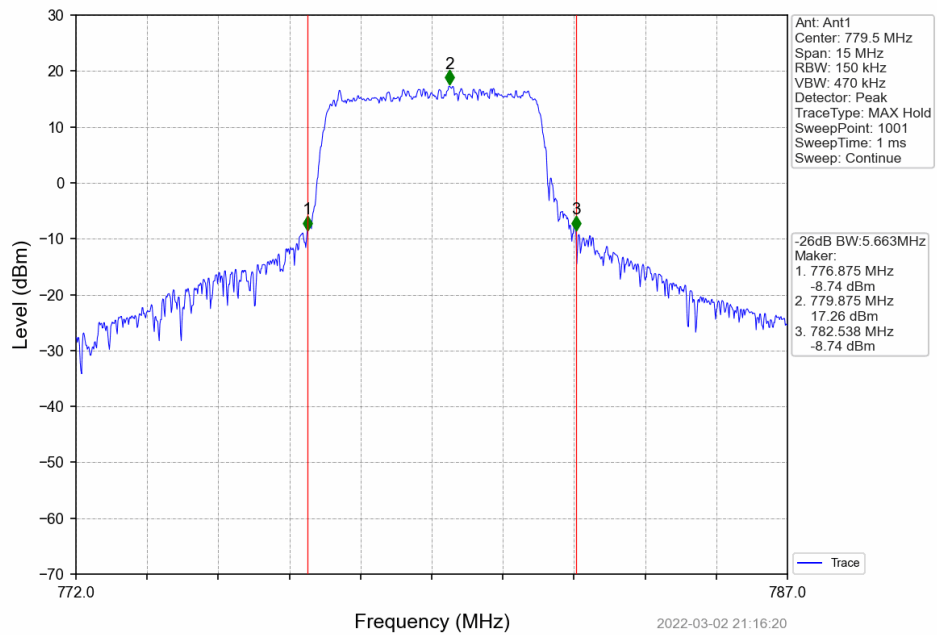
5.2.2 Test Graph



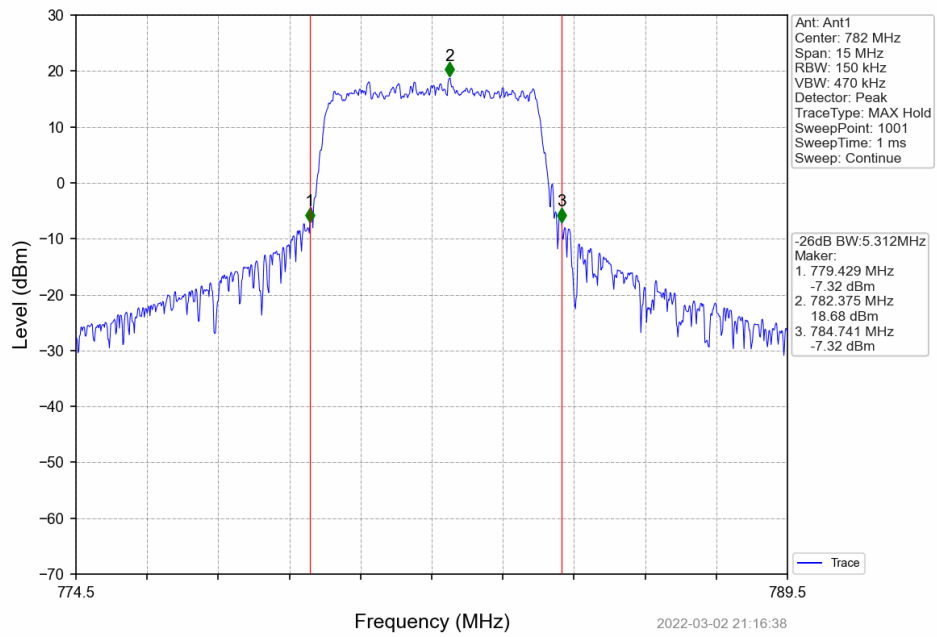
Band13 5MHz QPSK HCH 781.5MHz RB 25 0 NTNV



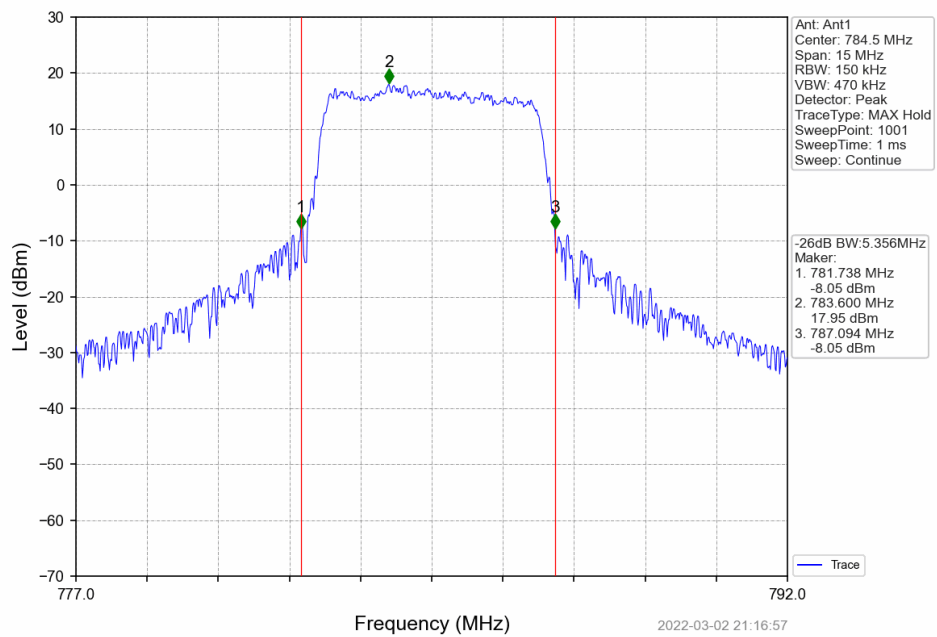
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



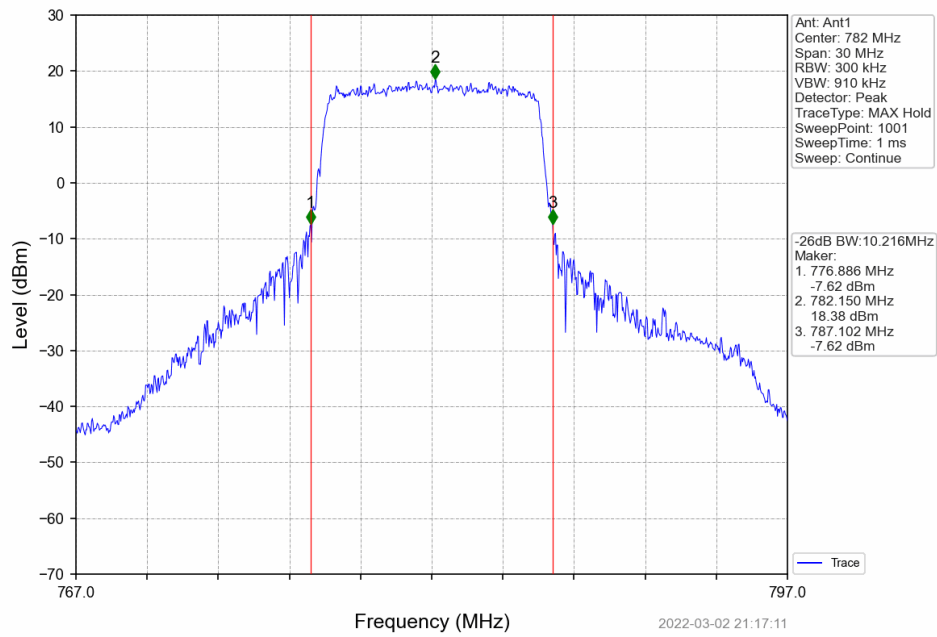
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTN



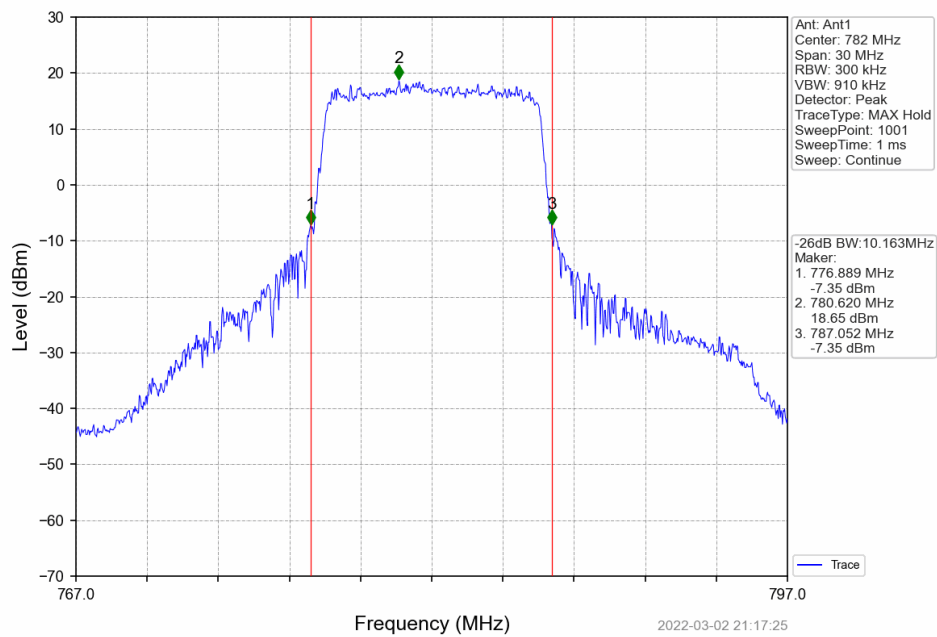
Band13_5MHz_16QAM_HCH_781.5MHz_RB_25_0 NTN



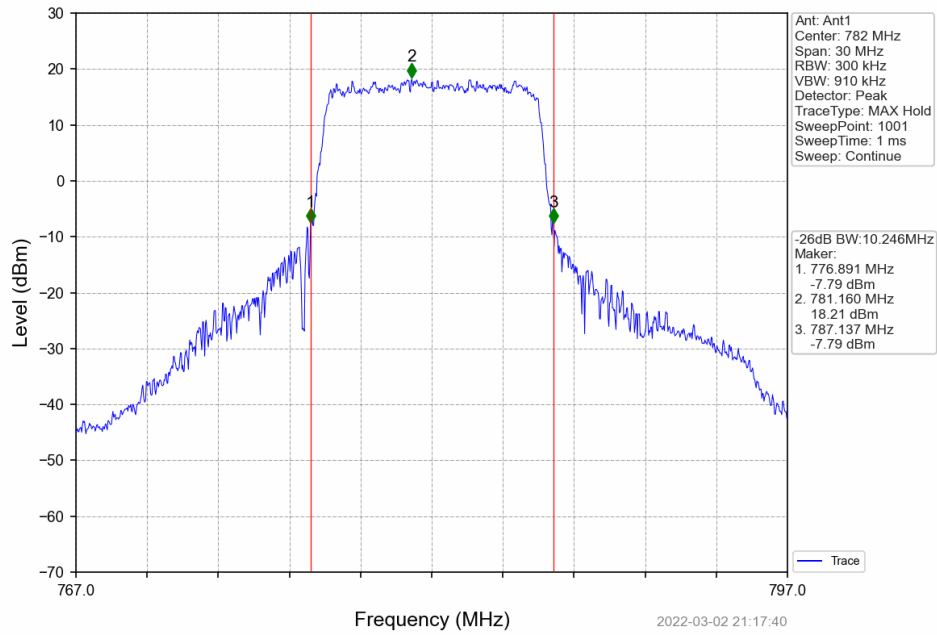
Band13 10MHz QPSK LCH 782MHz RB 50 0 NTN



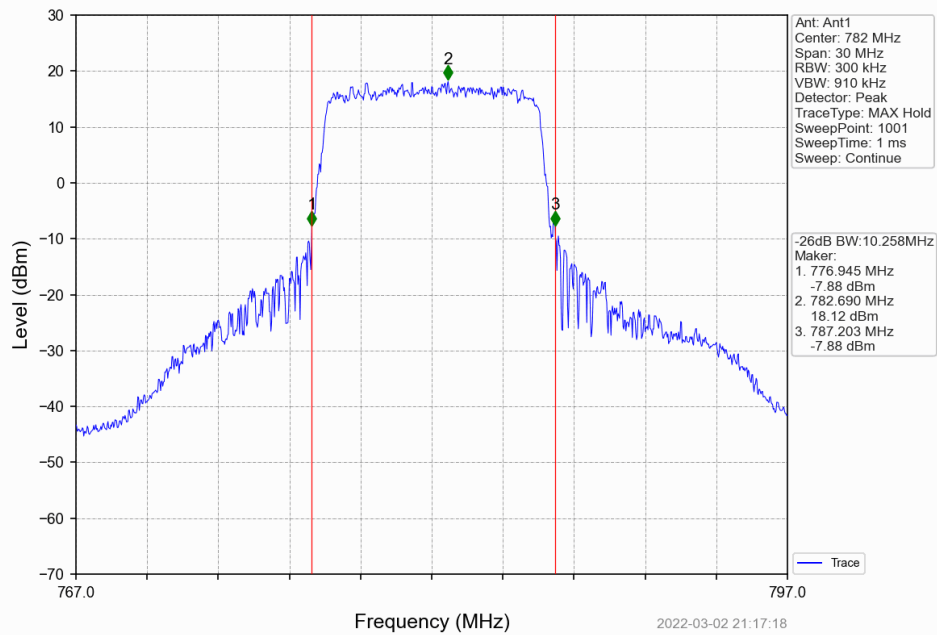
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTN



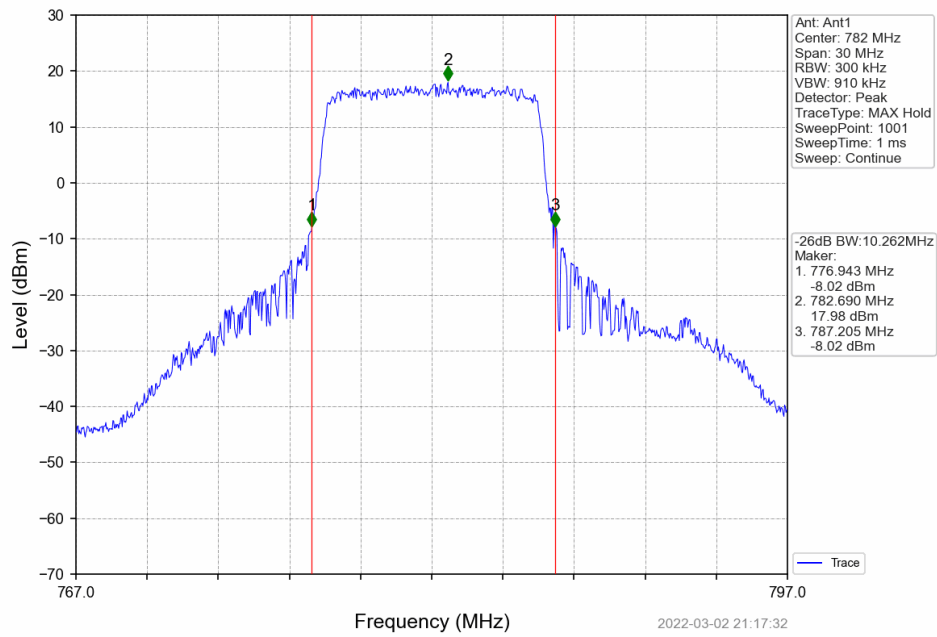
Band13 10MHz QPSK HCH 782MHz RB 50 0 NTN



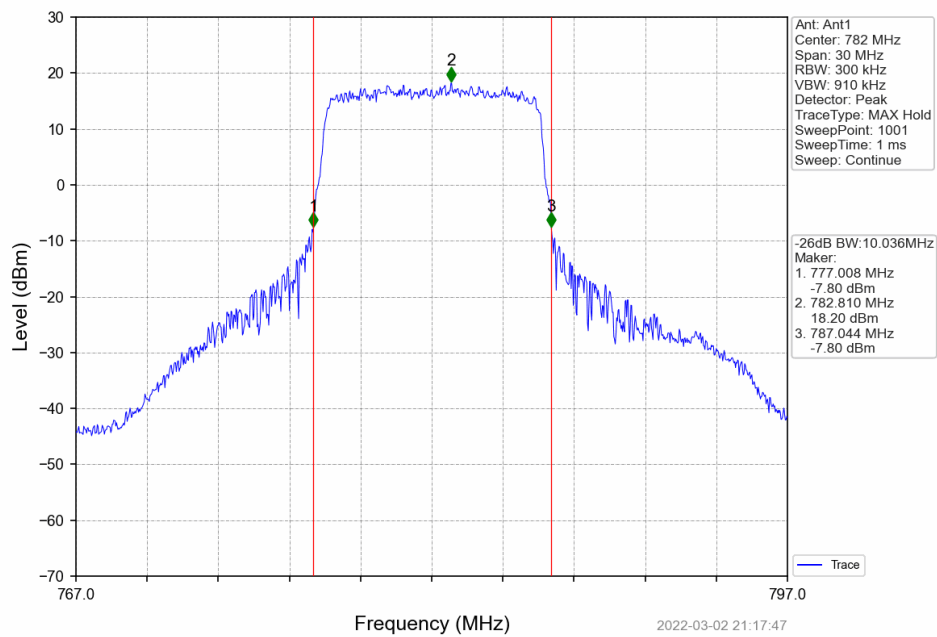
Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTN



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



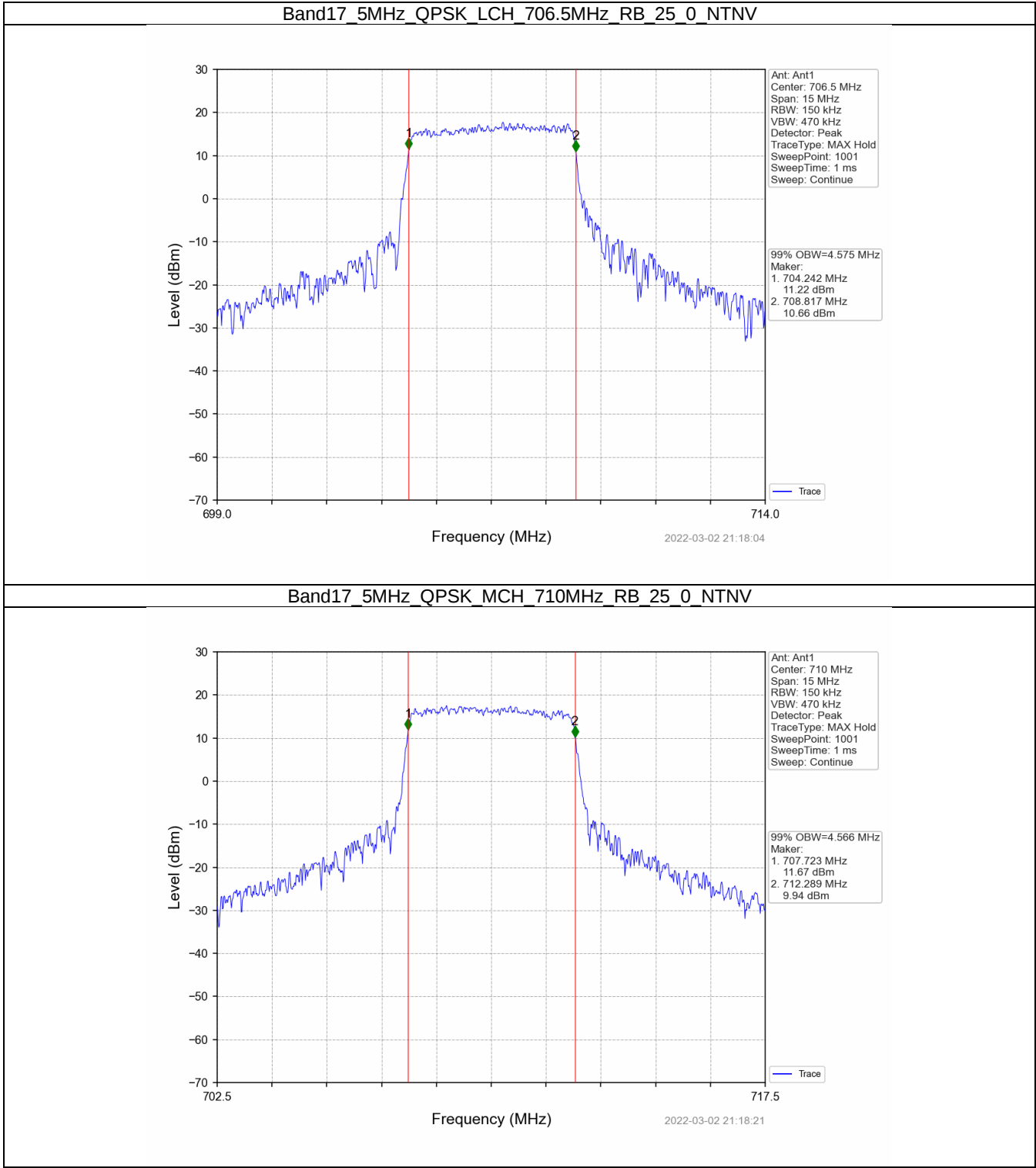
6. 99% & 26dB Bandwidth

6.1 Band17_OBW

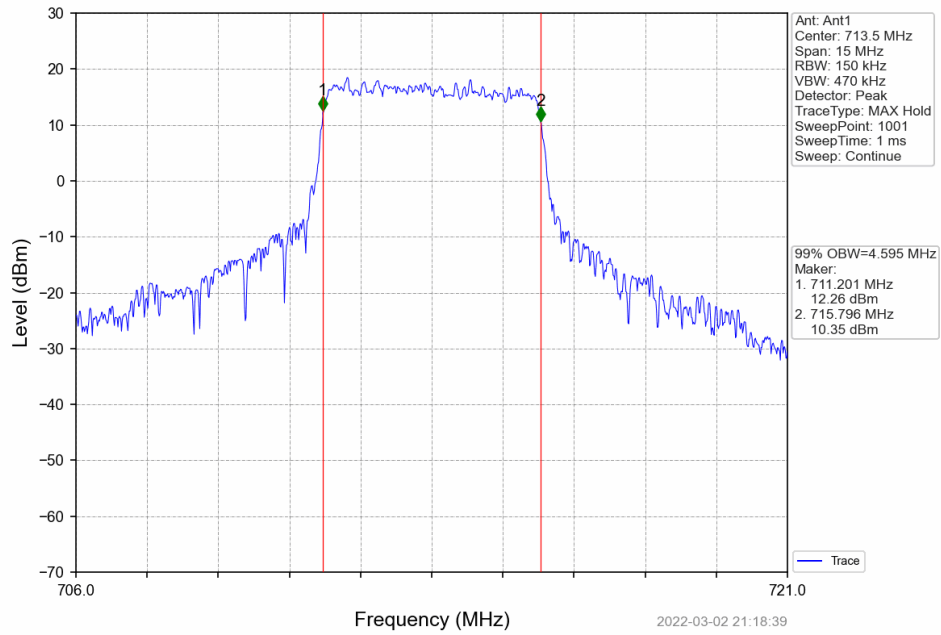
6.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.575	Pass
		710	25	0	4.566	Pass
		713.5	25	0	4.595	Pass
	16QAM	706.5	25	0	4.607	Pass
		710	25	0	4.590	Pass
		713.5	25	0	4.596	Pass
10	QPSK	709	50	0	9.023	Pass
		710	50	0	9.048	Pass
		711	50	0	9.034	Pass
	16QAM	709	50	0	9.036	Pass
		710	50	0	9.033	Pass
		711	50	0	9.067	Pass

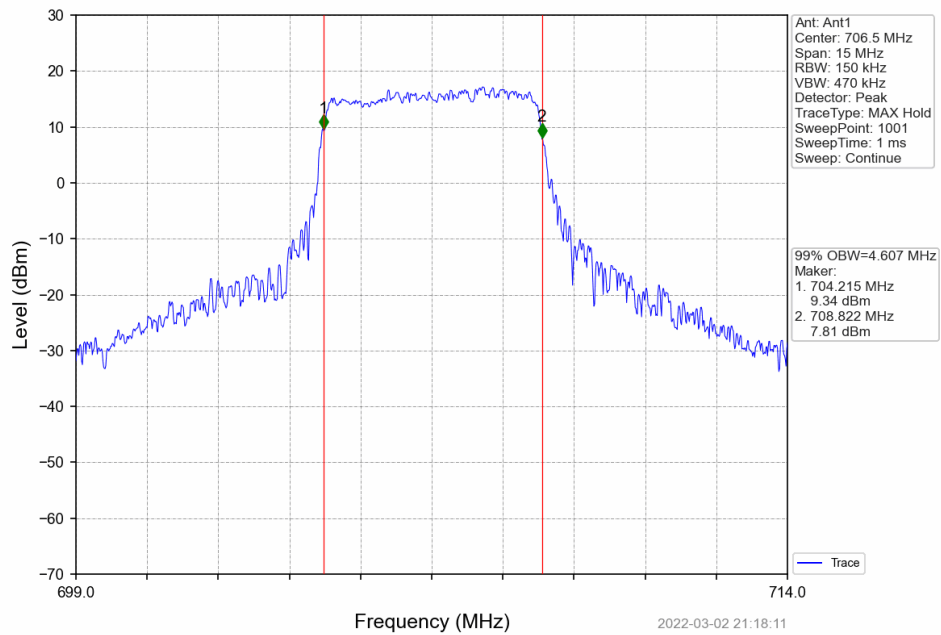
6.1.2 Test Graph



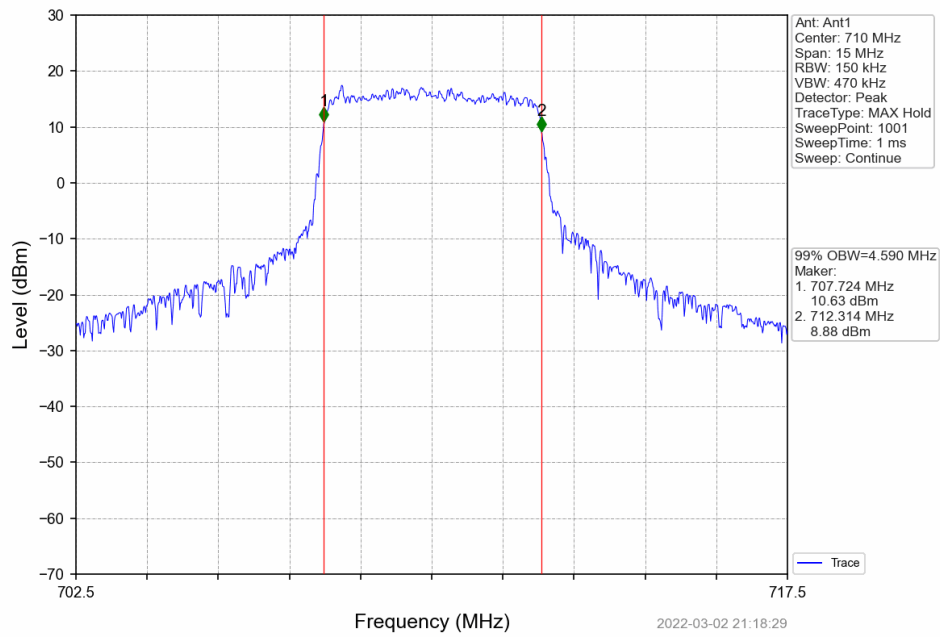
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



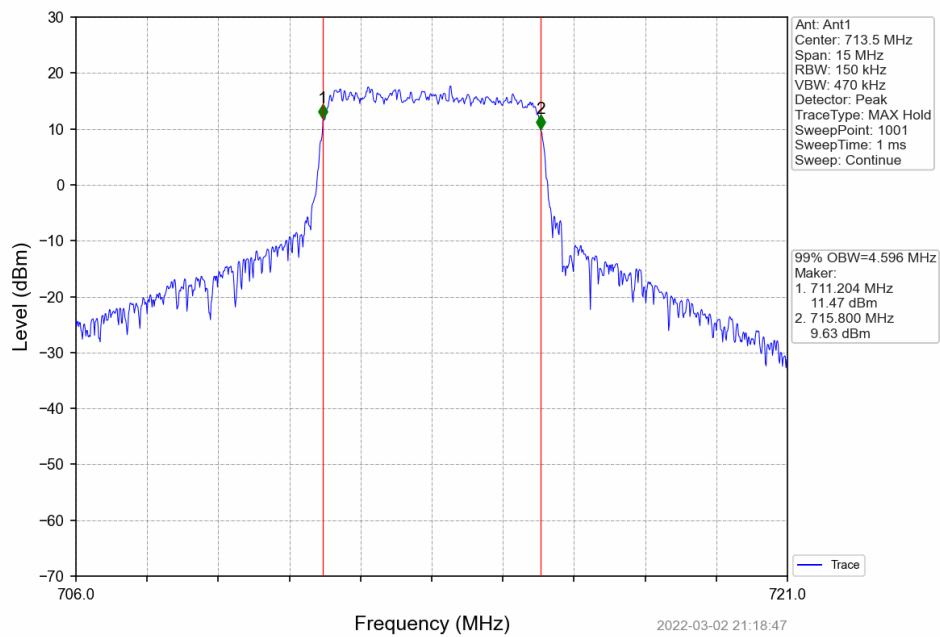
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



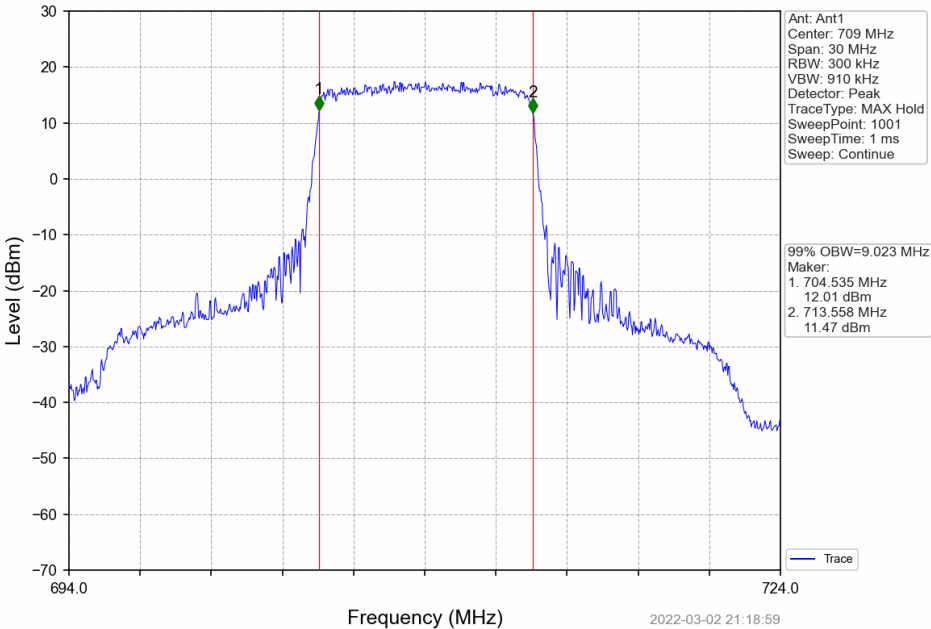
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTNV



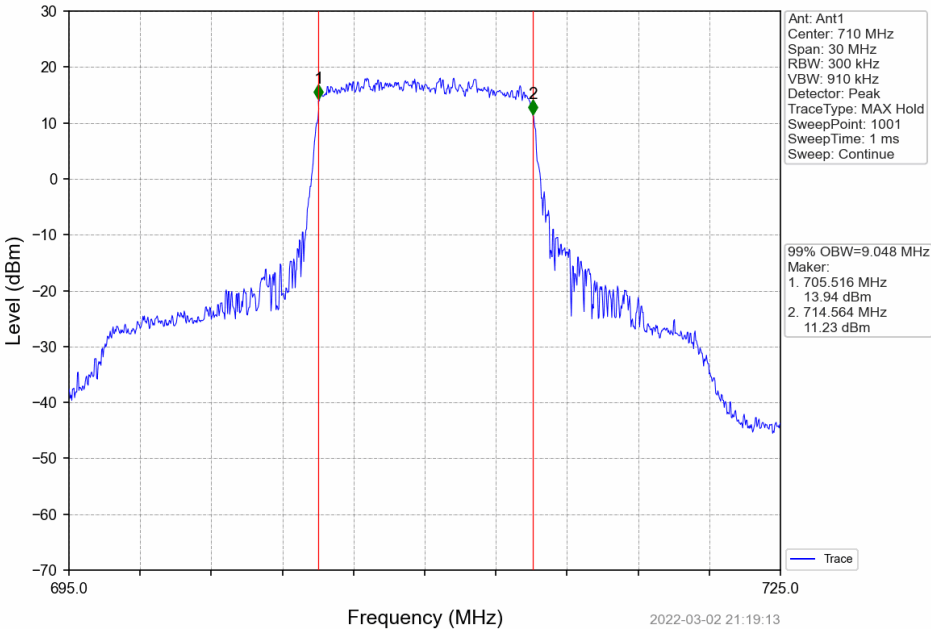
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



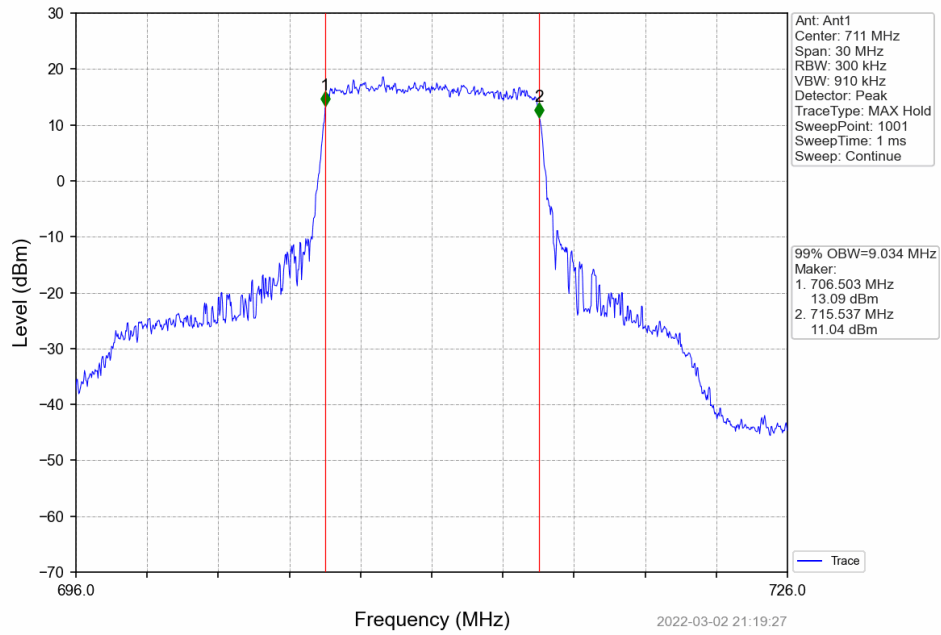
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

