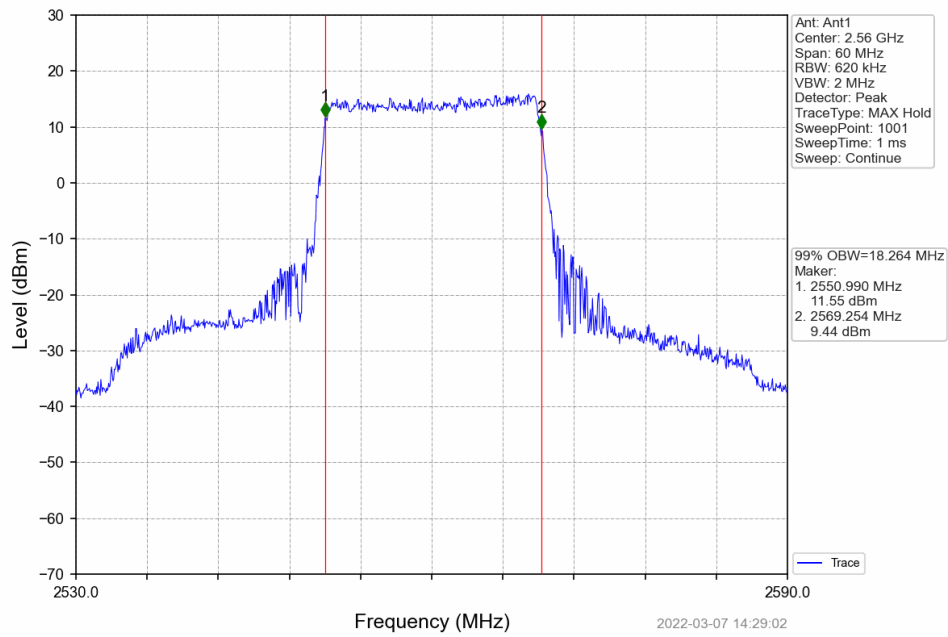
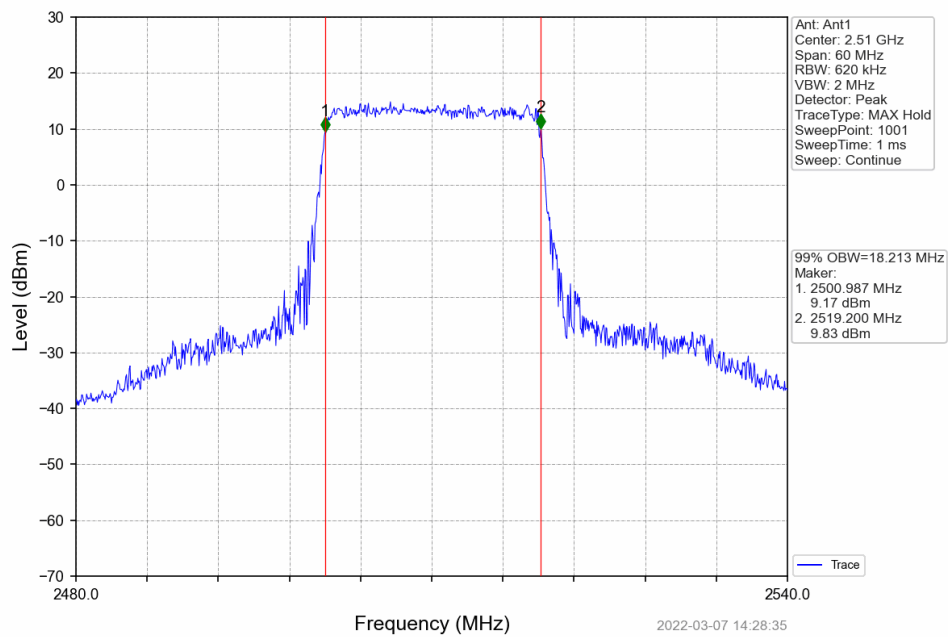


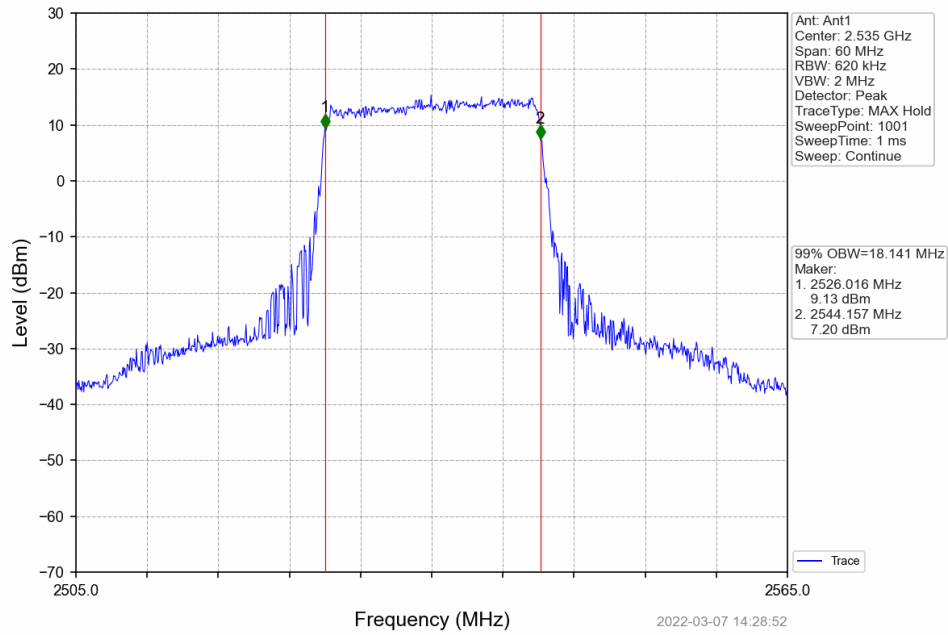
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



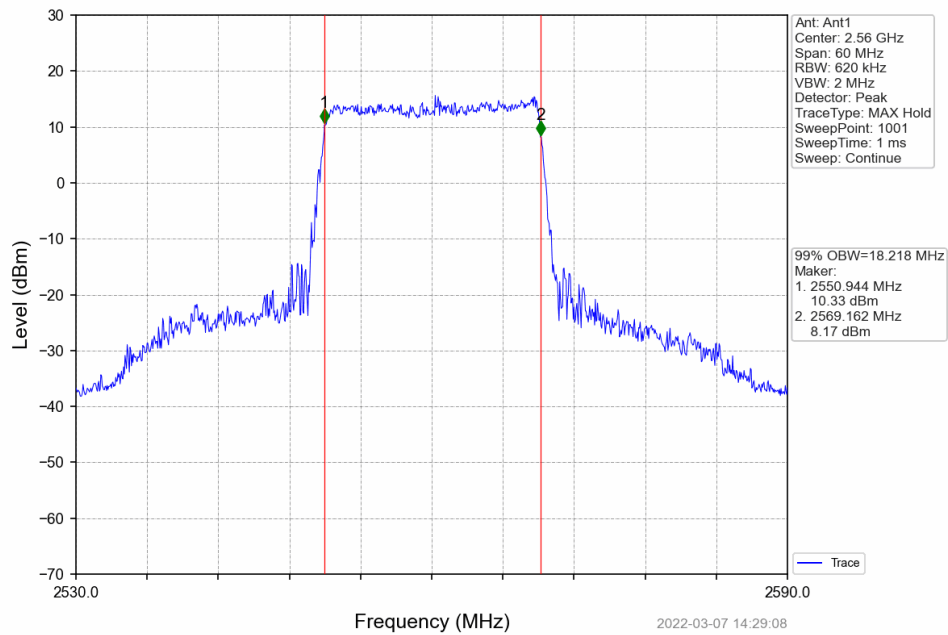
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



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



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

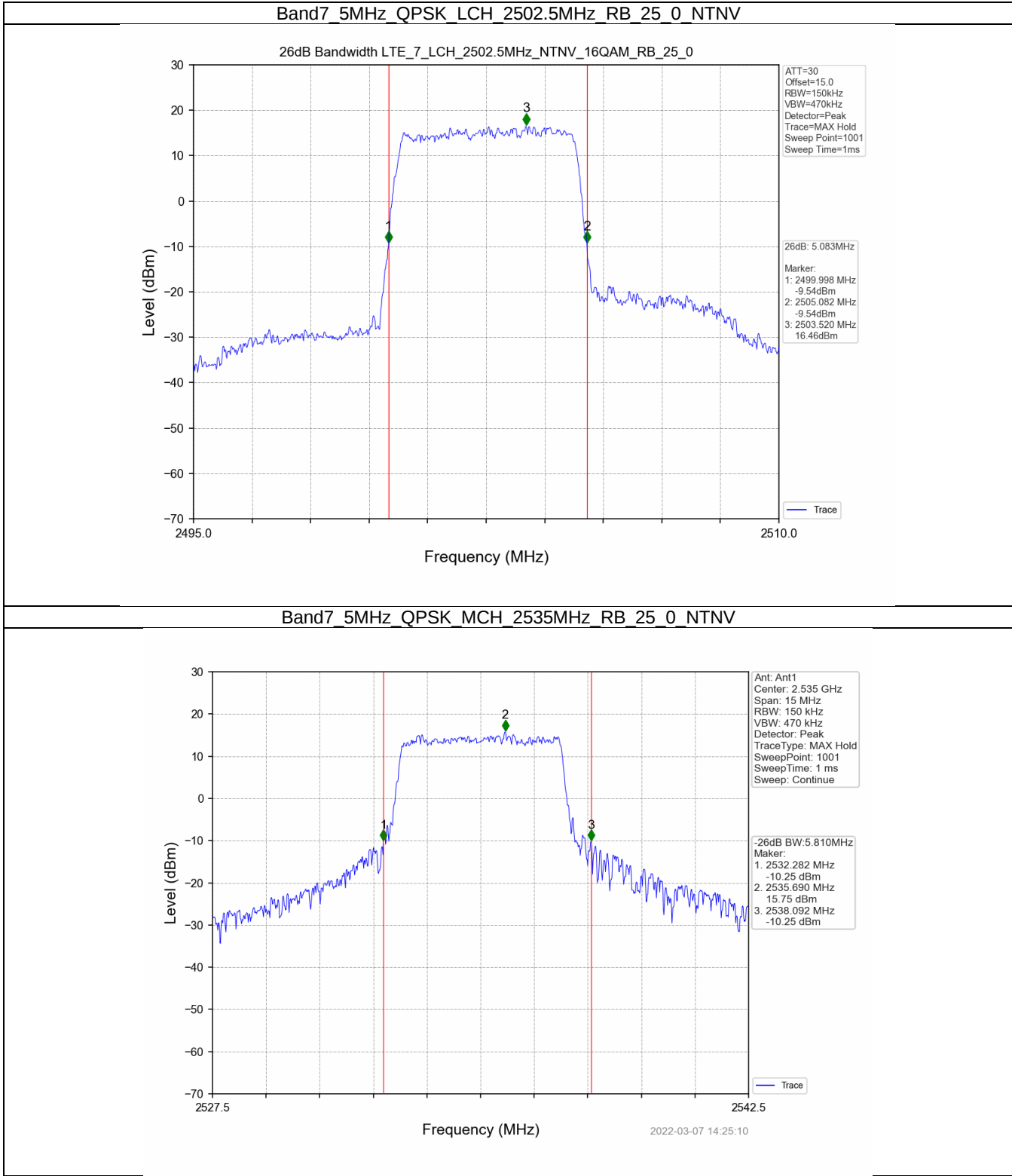


3.2 Band7_XDB

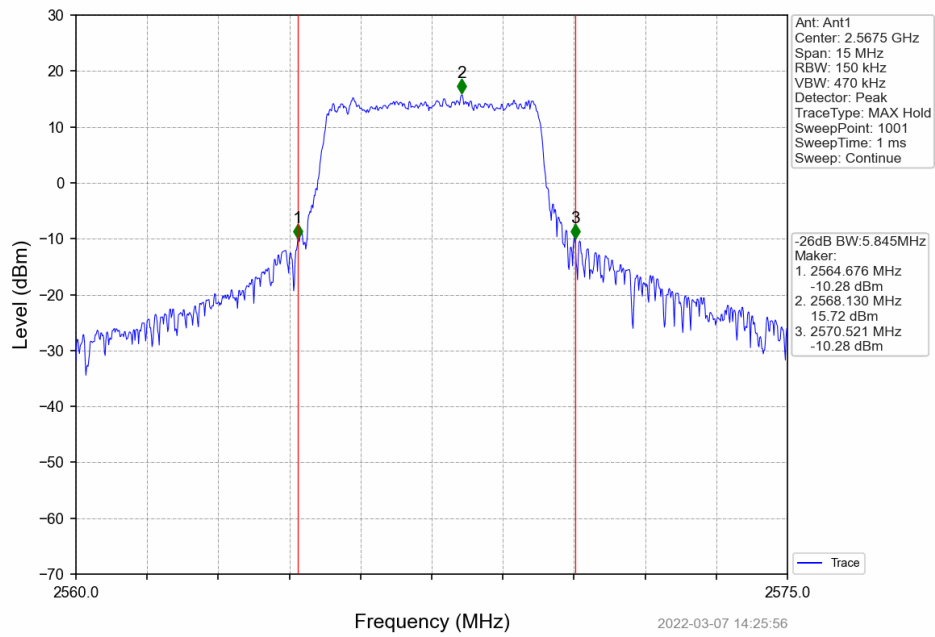
3.2.1 Test Result

Band: 7 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.058	Pass
		2535	25	0	5.810	Pass
		2567.5	25	0	5.845	Pass
	16QAM	2502.5	25	0	5.489	Pass
		2535	25	0	5.629	Pass
		2567.5	25	0	5.619	Pass
10	QPSK	2505	50	0	10.273	Pass
		2535	50	0	10.260	Pass
		2565	50	0	10.370	Pass
	16QAM	2505	50	0	10.129	Pass
		2535	50	0	10.580	Pass
		2565	50	0	10.346	Pass
15	QPSK	2507.5	75	0	15.958	Pass
		2535	75	0	16.488	Pass
		2562.5	75	0	15.630	Pass
	16QAM	2507.5	75	0	15.158	Pass
		2535	75	0	15.238	Pass
		2562.5	75	0	15.444	Pass
20	QPSK	2510	100	0	20.162	Pass
		2535	100	0	20.601	Pass
		2560	100	0	21.181	Pass
	16QAM	2510	100	0	20.821	Pass
		2535	100	0	20.564	Pass
		2560	100	0	20.309	Pass

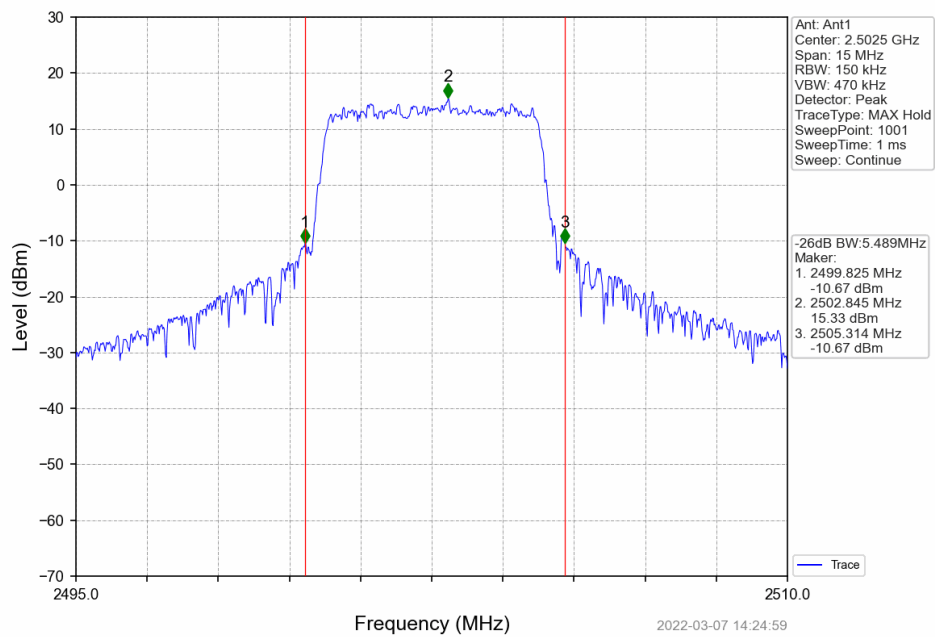
3.2.2 Test Graph



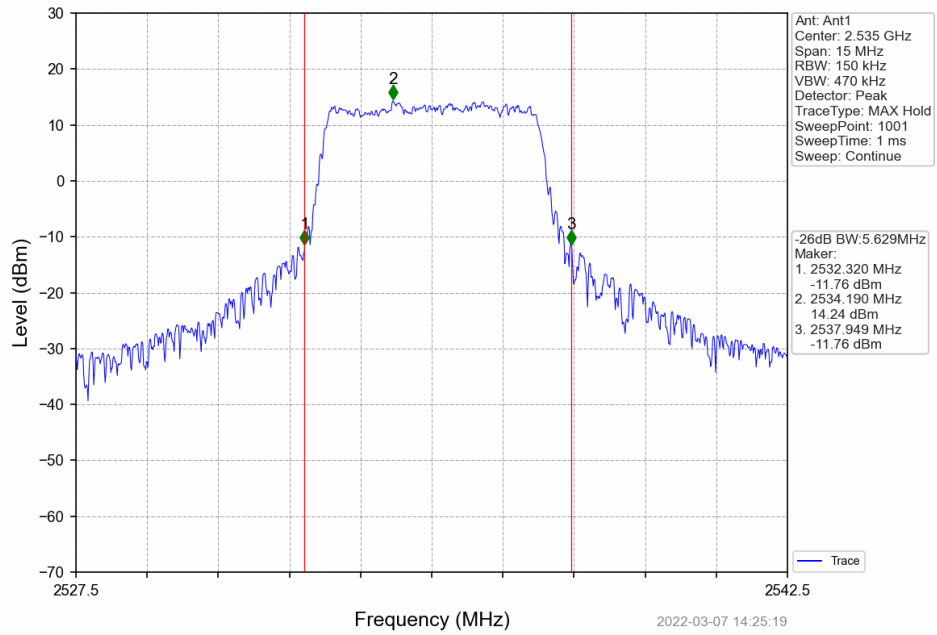
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



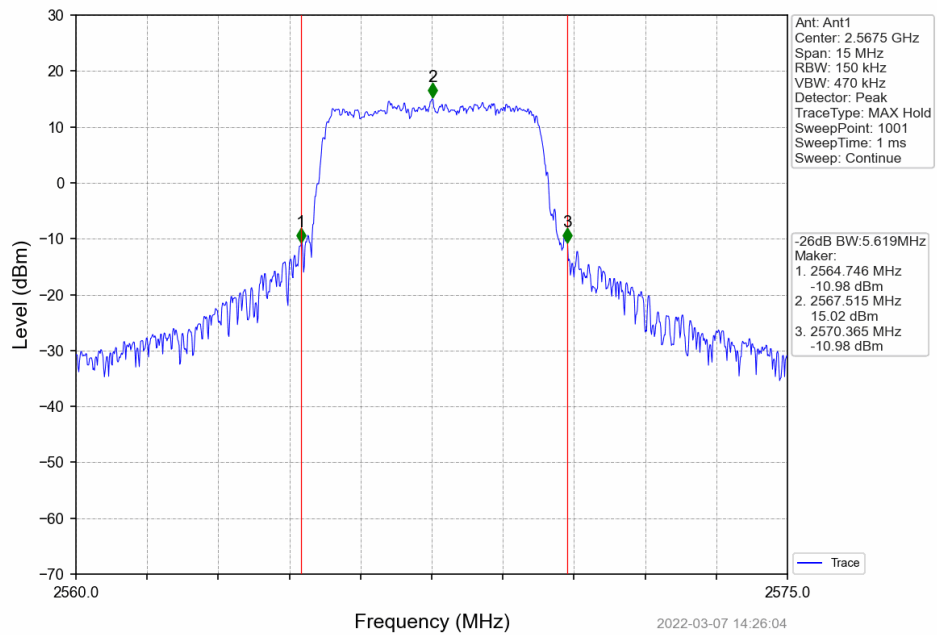
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0 NTN



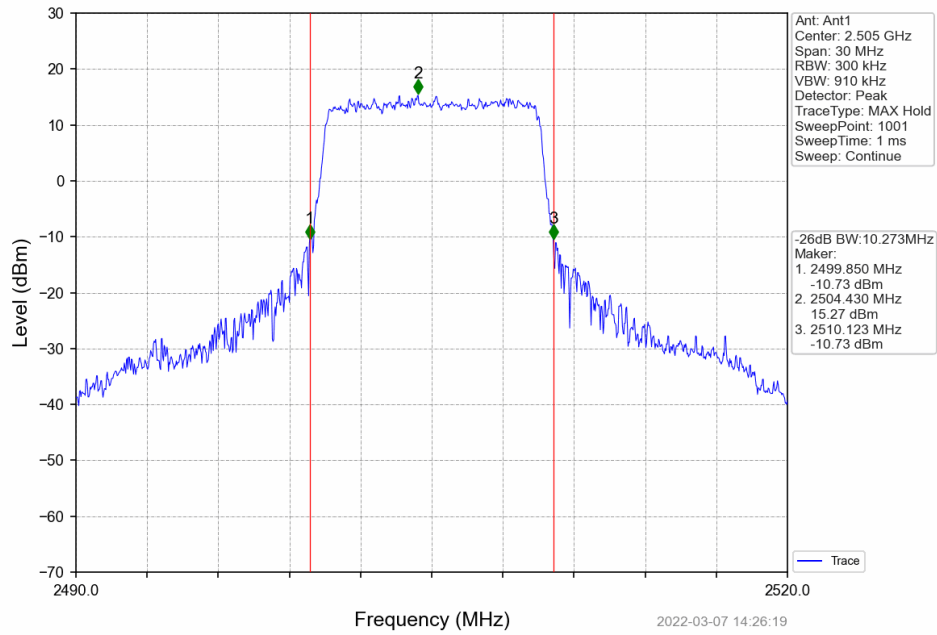
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



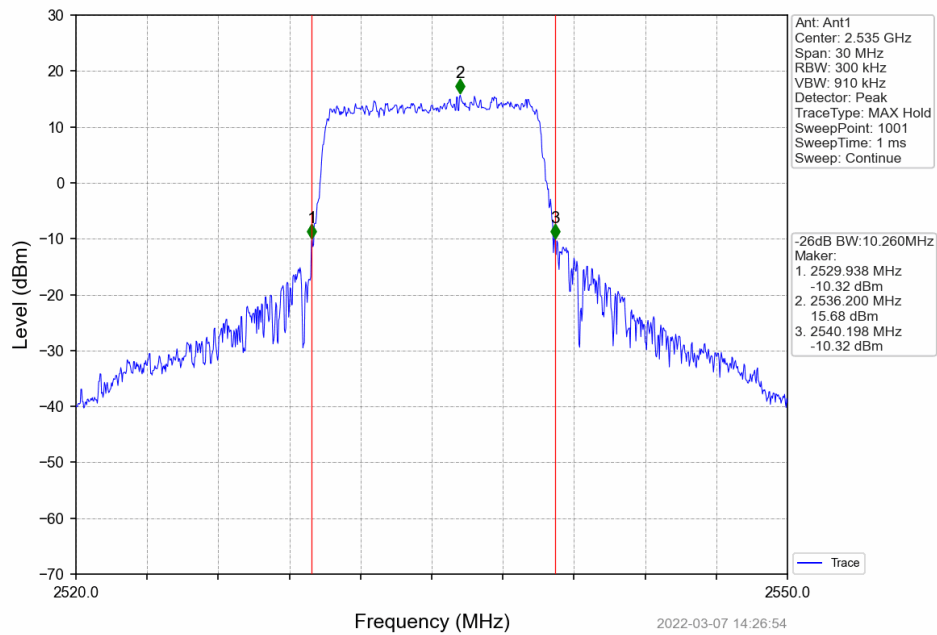
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



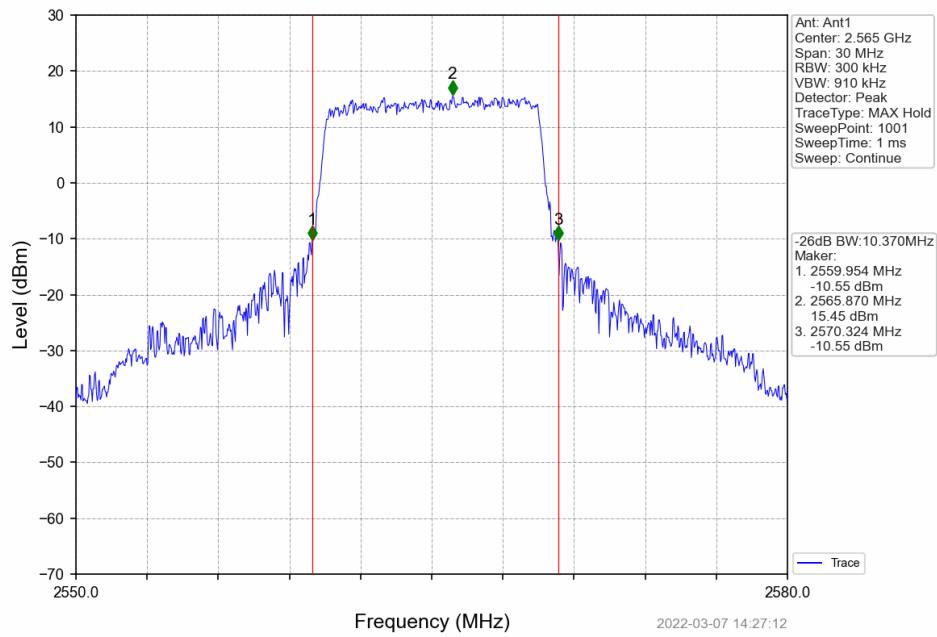
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



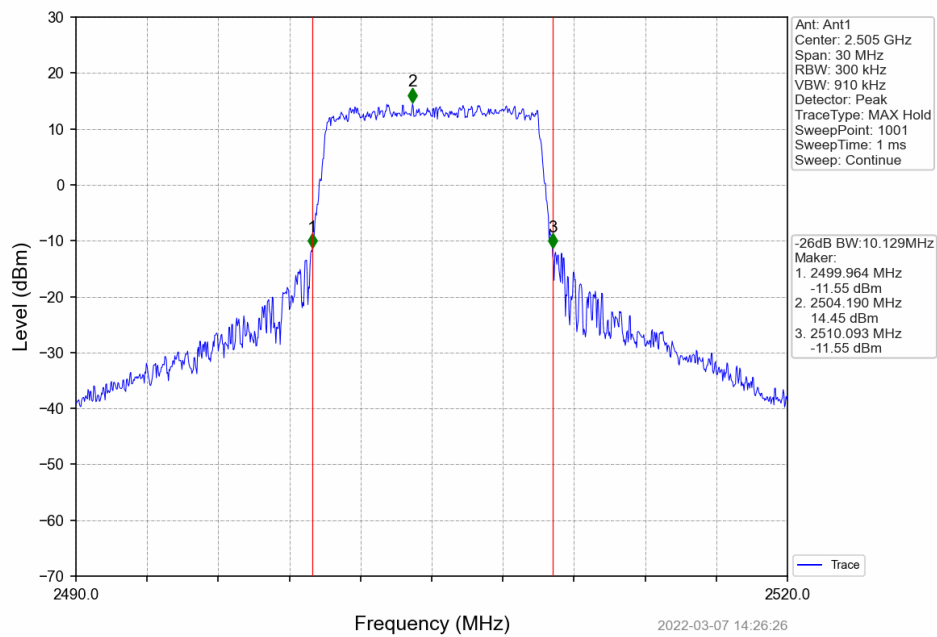
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



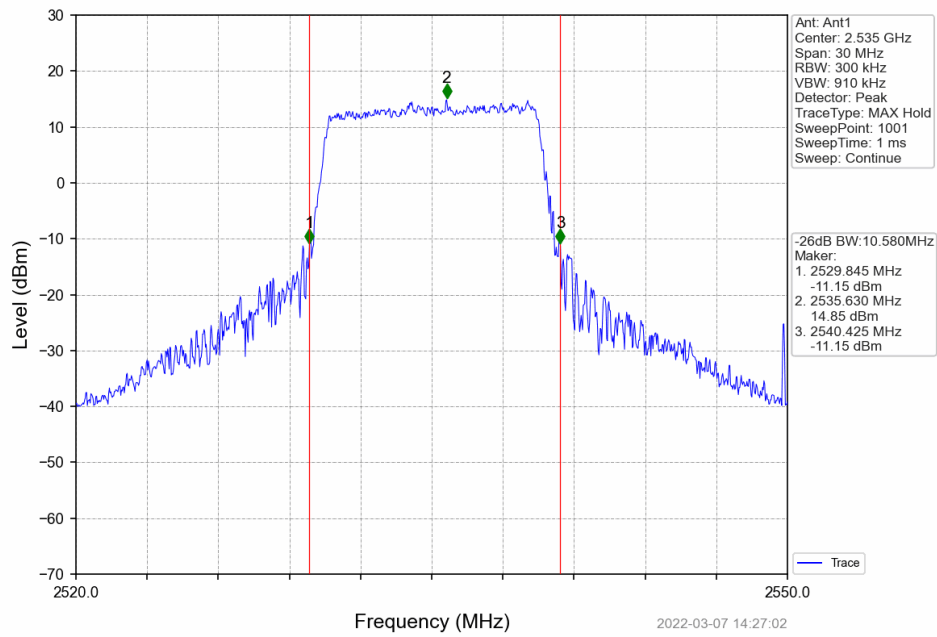
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



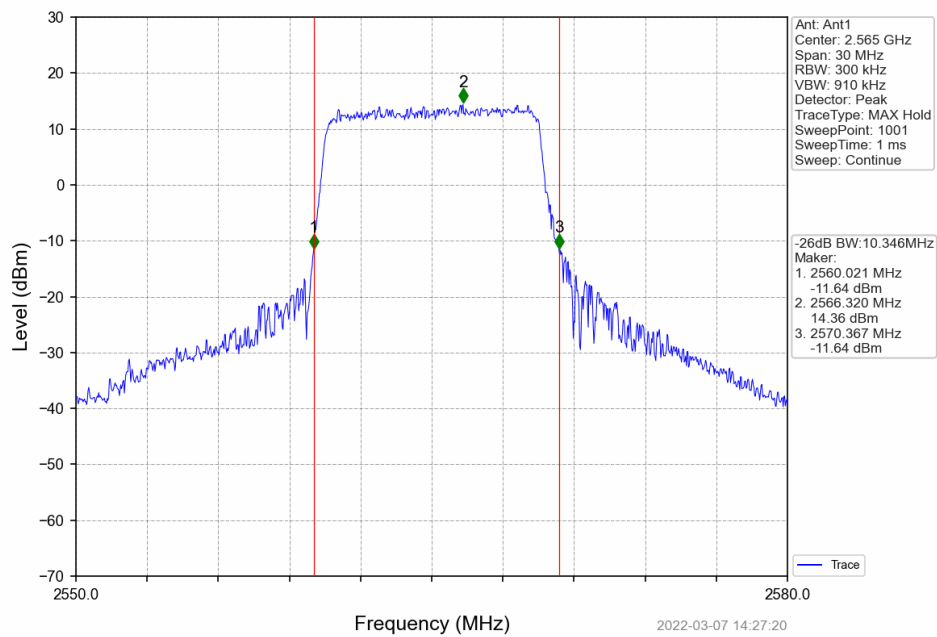
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



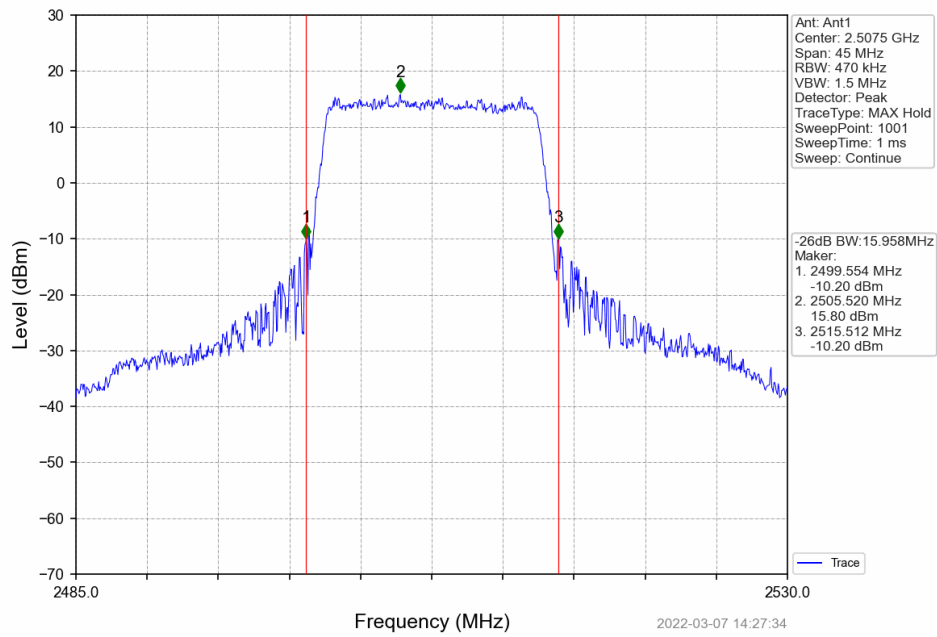
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



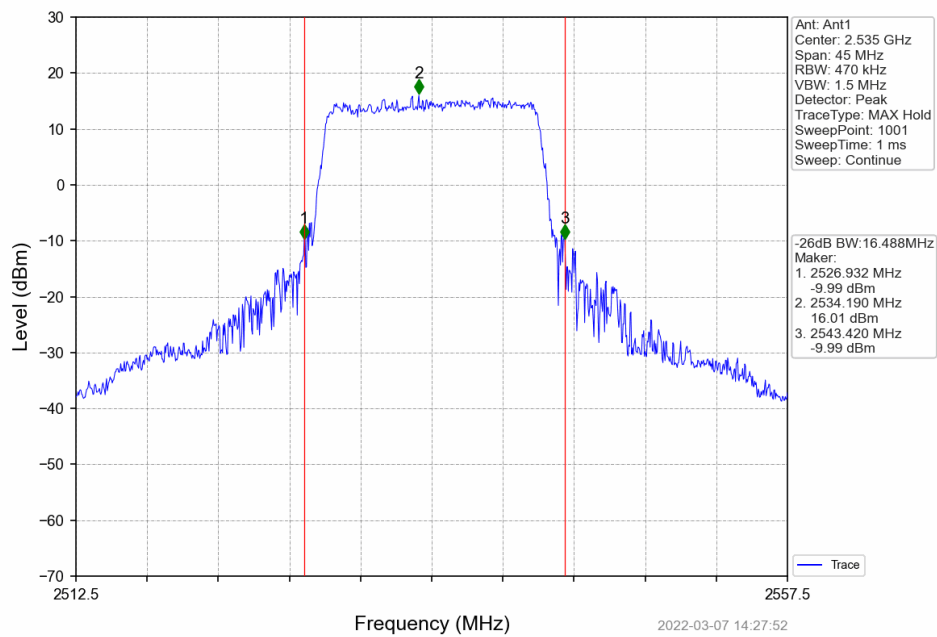
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



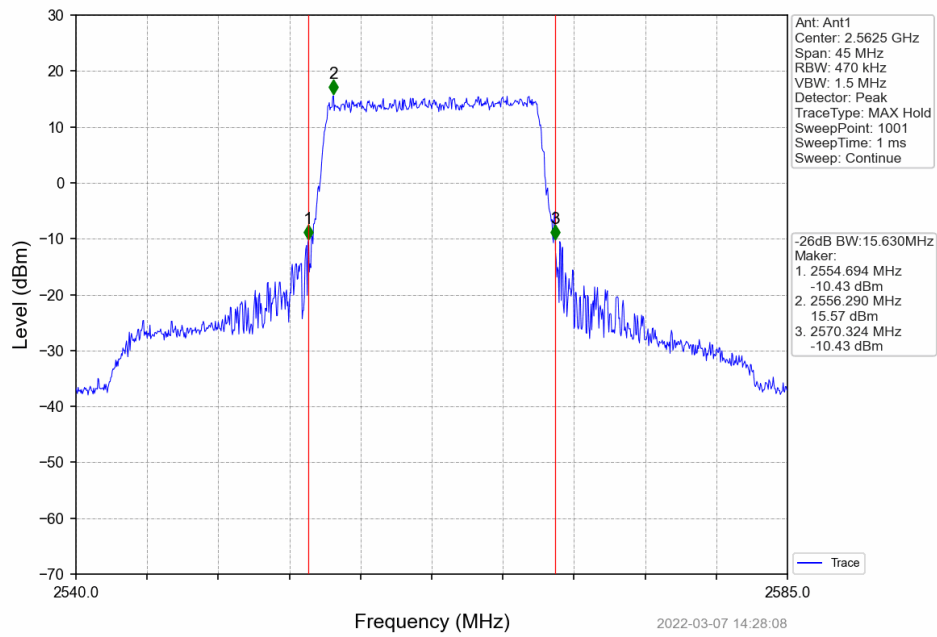
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



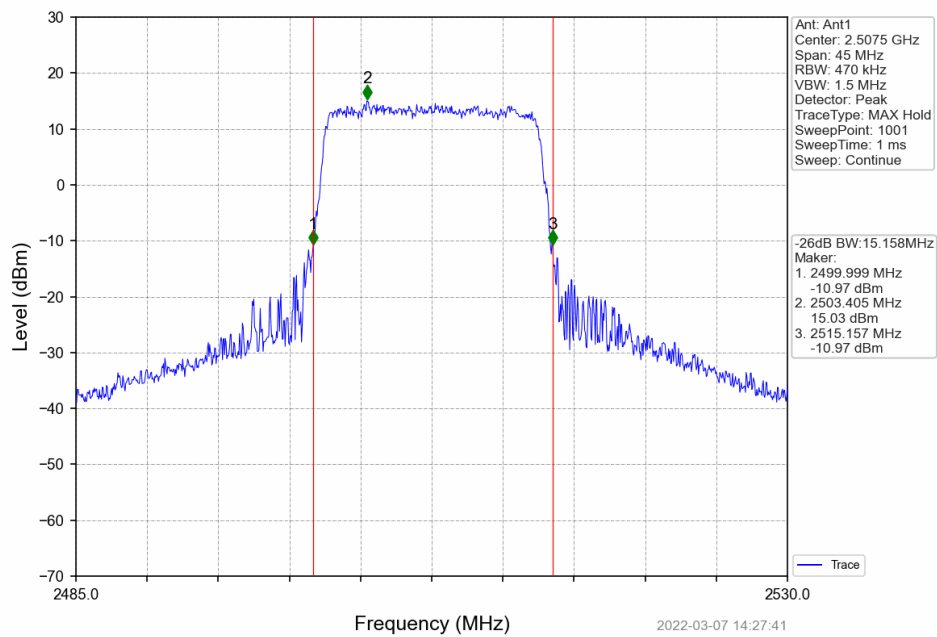
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



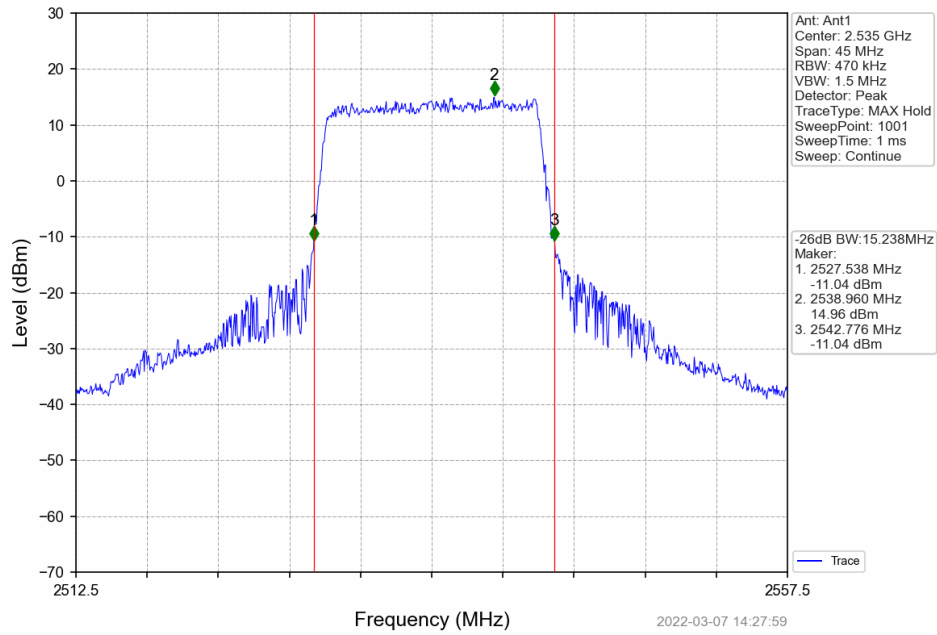
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



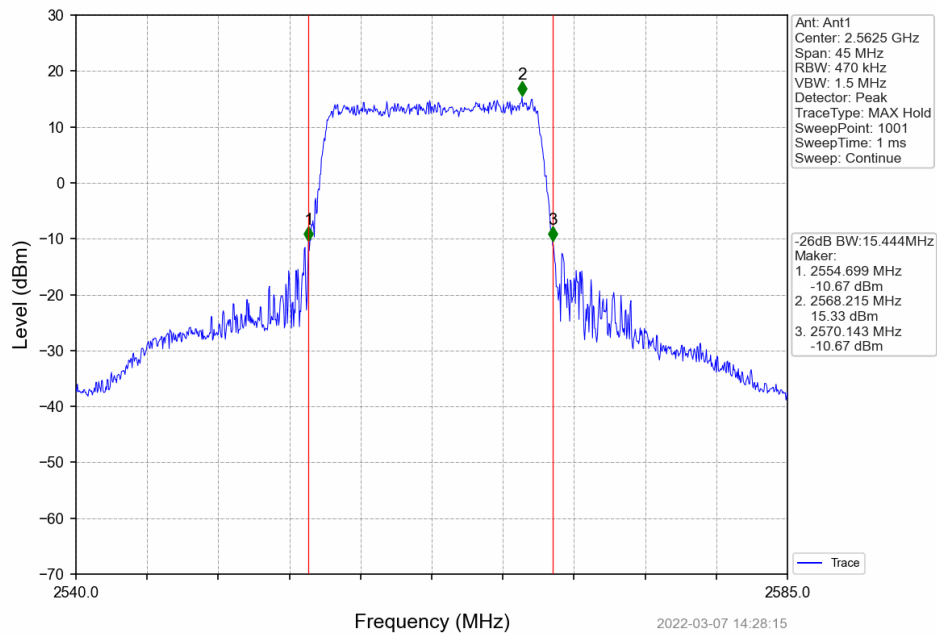
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



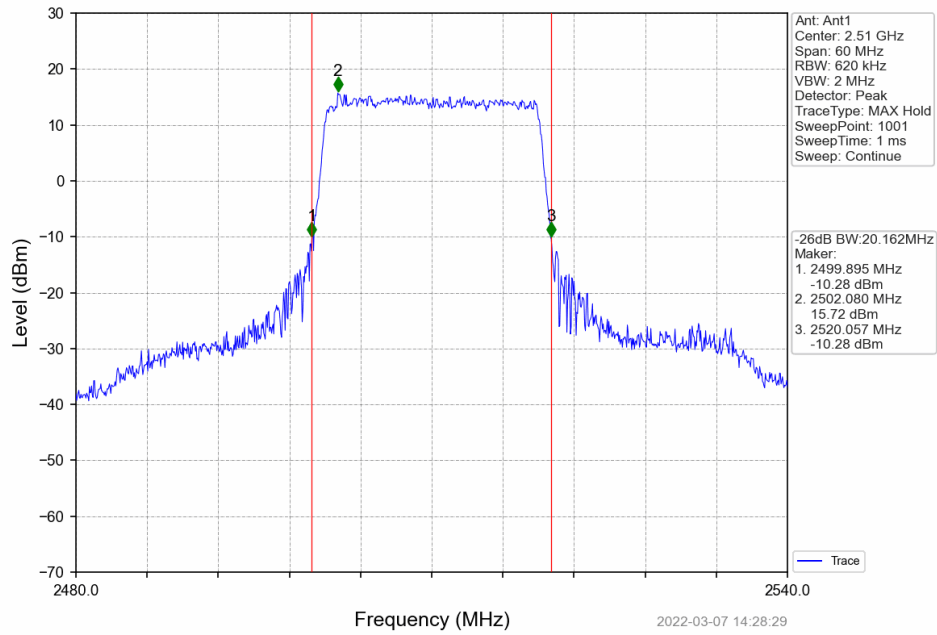
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



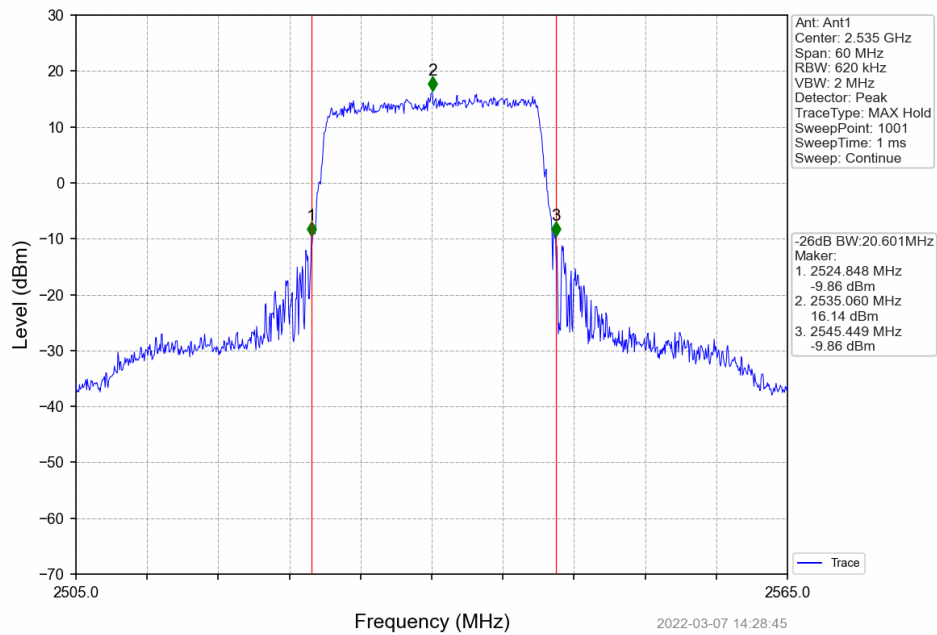
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



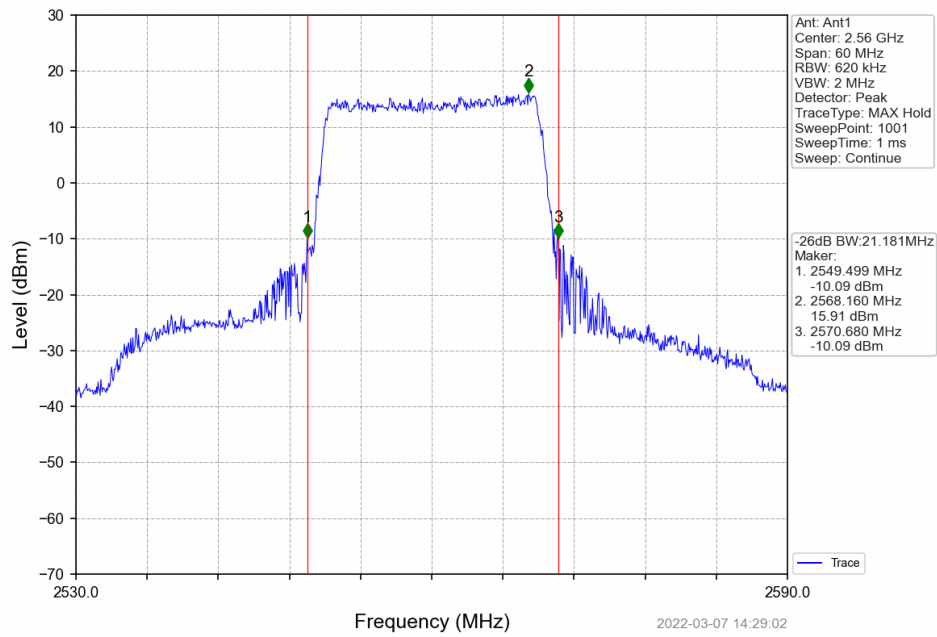
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



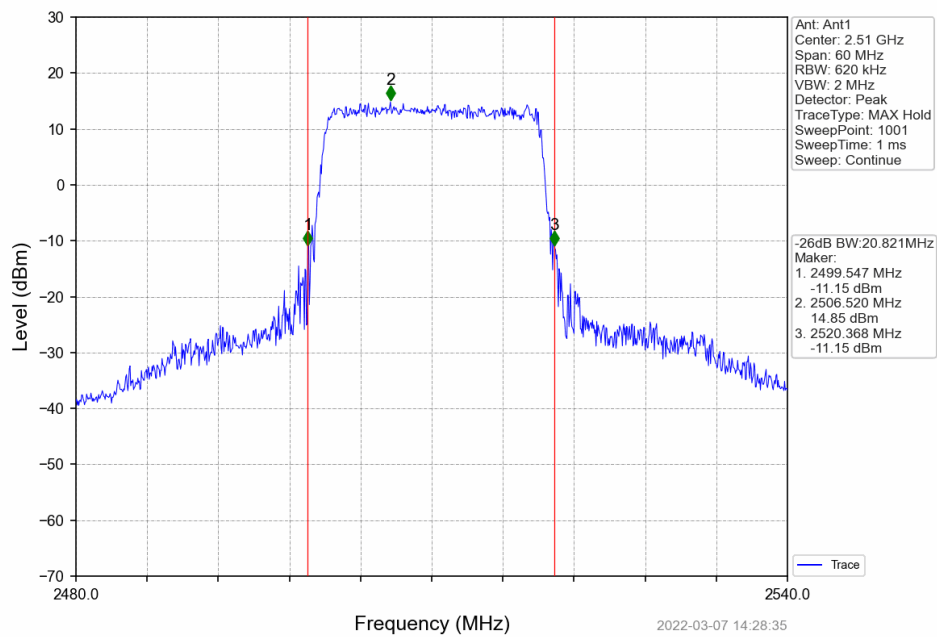
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



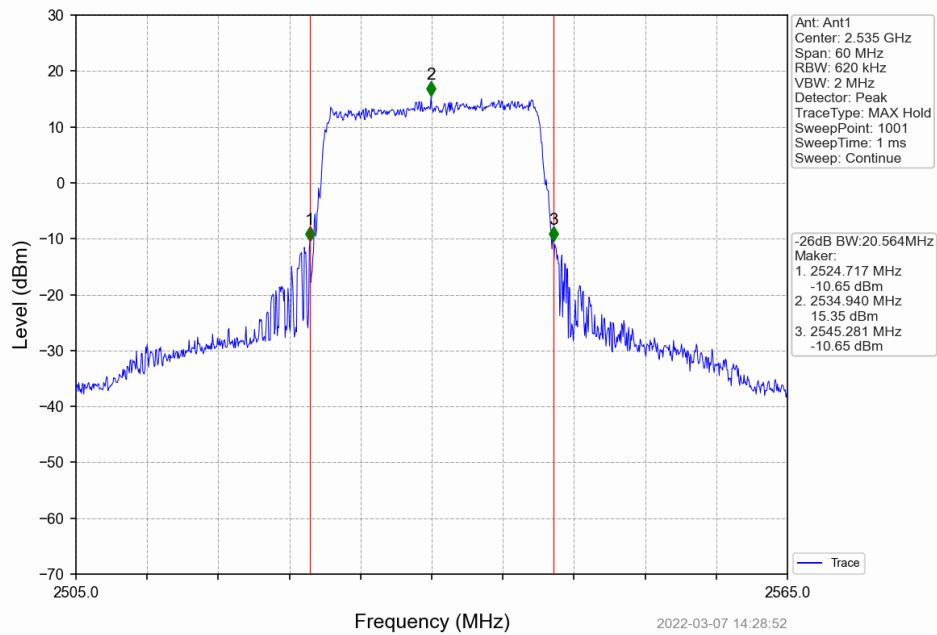
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



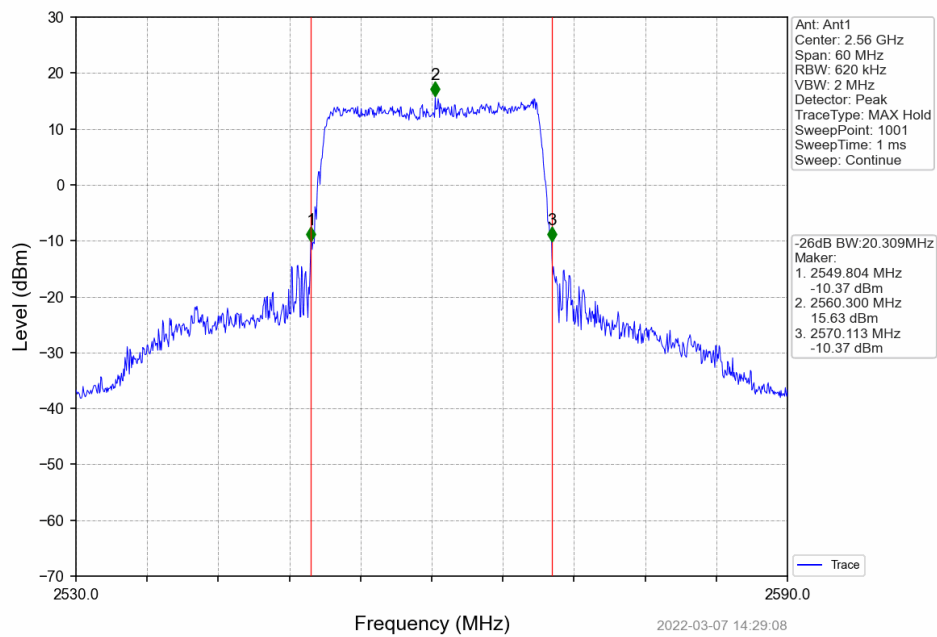
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



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



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



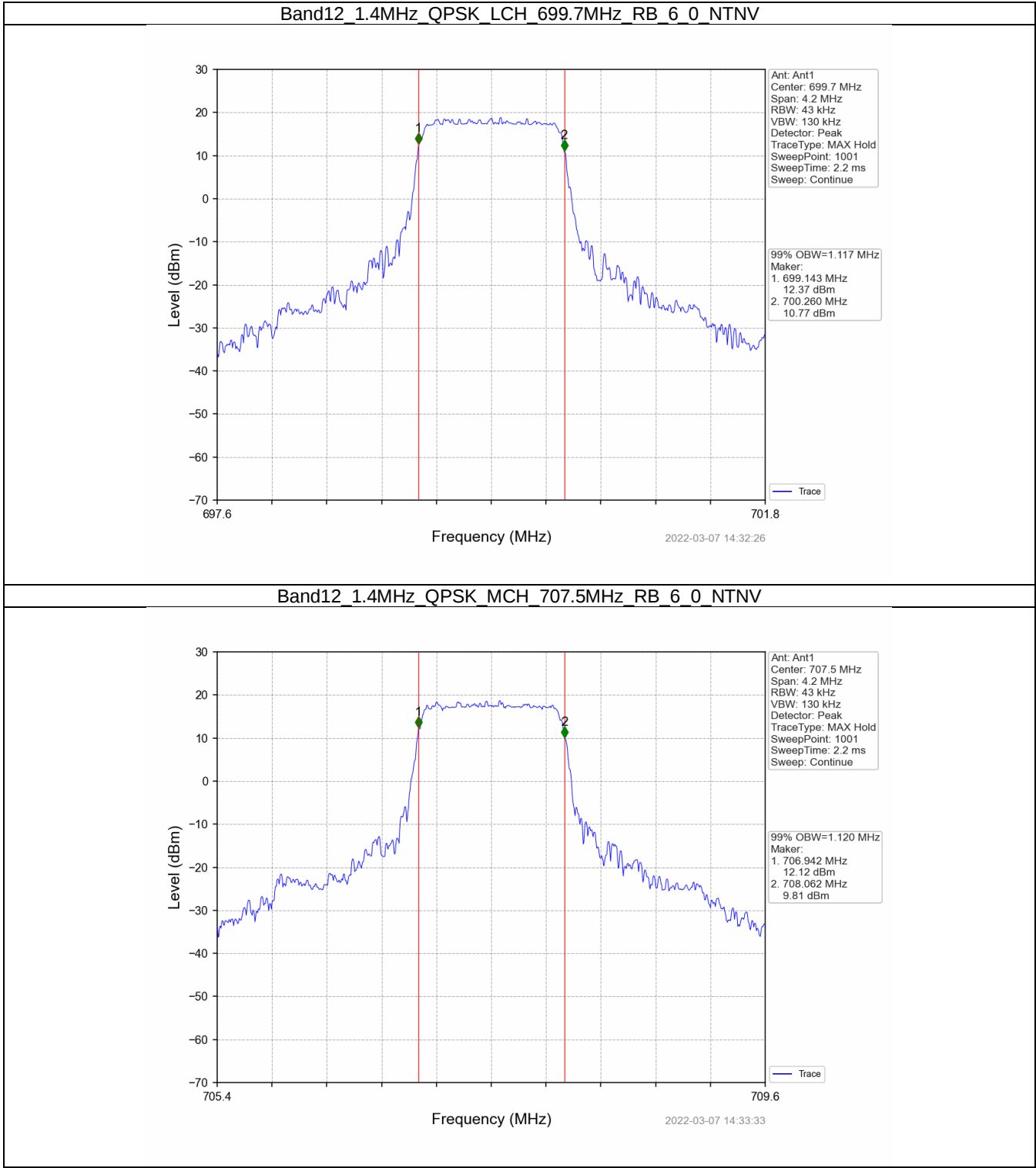
4. 99% & 26dB Bandwidth

4.1 Band12_OBW

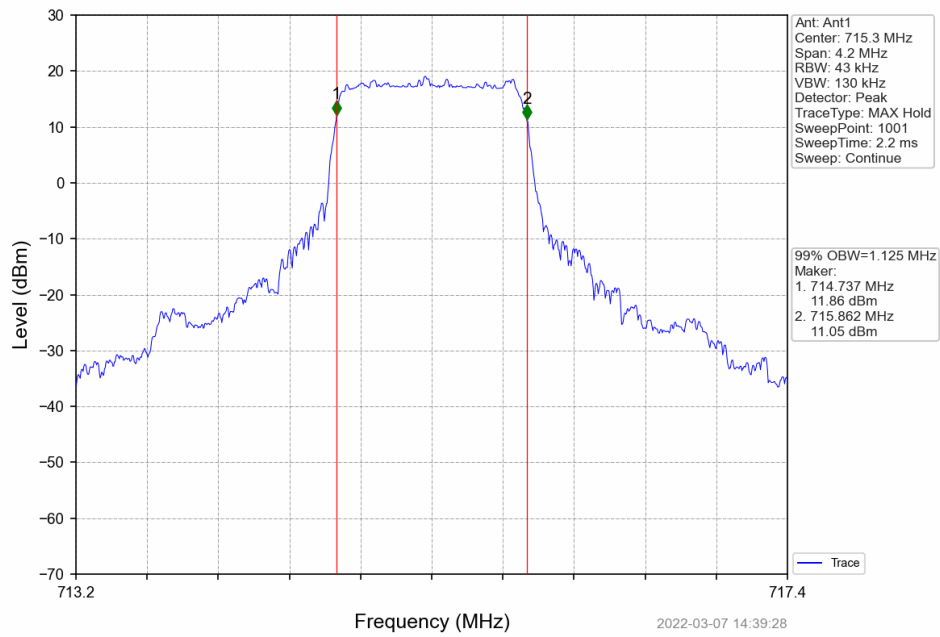
4.1.1 Test Result

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	1.117	Pass
		707.5	6	0	1.120	Pass
		715.3	6	0	1.125	Pass
	16QAM	699.7	6	0	1.107	Pass
		707.5	6	0	1.109	Pass
		715.3	6	0	1.115	Pass
3	QPSK	700.5	15	0	2.761	Pass
		707.5	15	0	2.747	Pass
		714.5	15	0	2.759	Pass
	16QAM	700.5	15	0	2.766	Pass
		707.5	15	0	2.768	Pass
		714.5	15	0	2.763	Pass
5	QPSK	701.5	25	0	4.595	Pass
		707.5	25	0	4.561	Pass
		713.5	25	0	4.588	Pass
	16QAM	701.5	25	0	4.595	Pass
		707.5	25	0	4.596	Pass
		713.5	25	0	4.604	Pass
10	QPSK	704	50	0	9.060	Pass
		707.5	50	0	9.066	Pass
		711	50	0	9.073	Pass
	16QAM	704	50	0	9.047	Pass
		707.5	50	0	9.033	Pass
		711	50	0	9.050	Pass

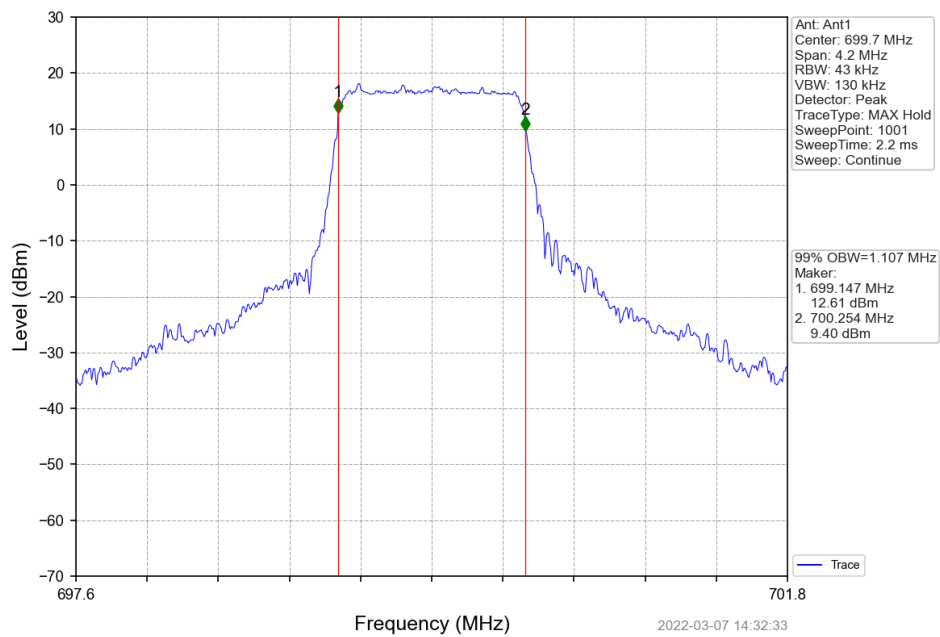
4.1.2 Test Graph



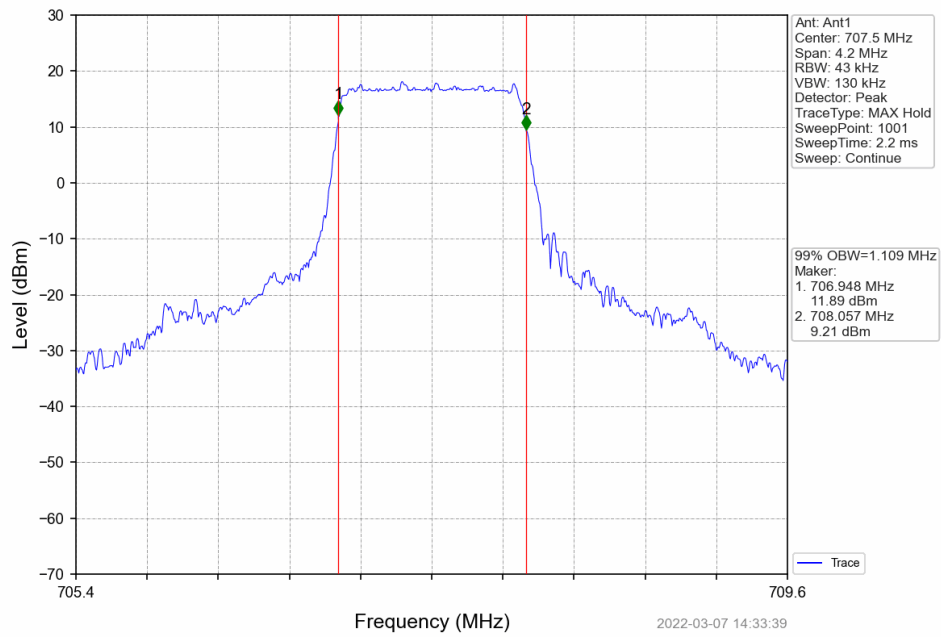
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



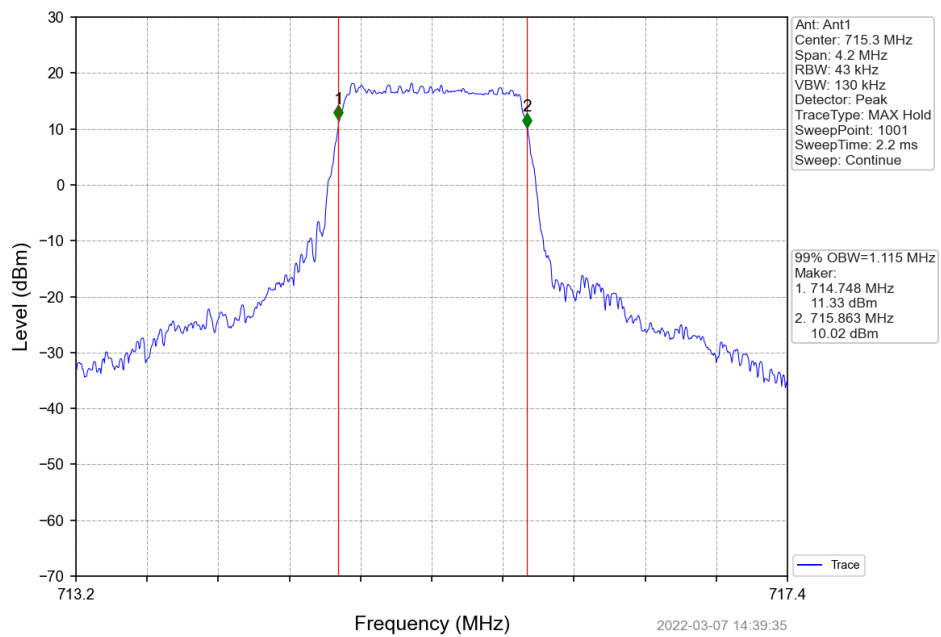
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



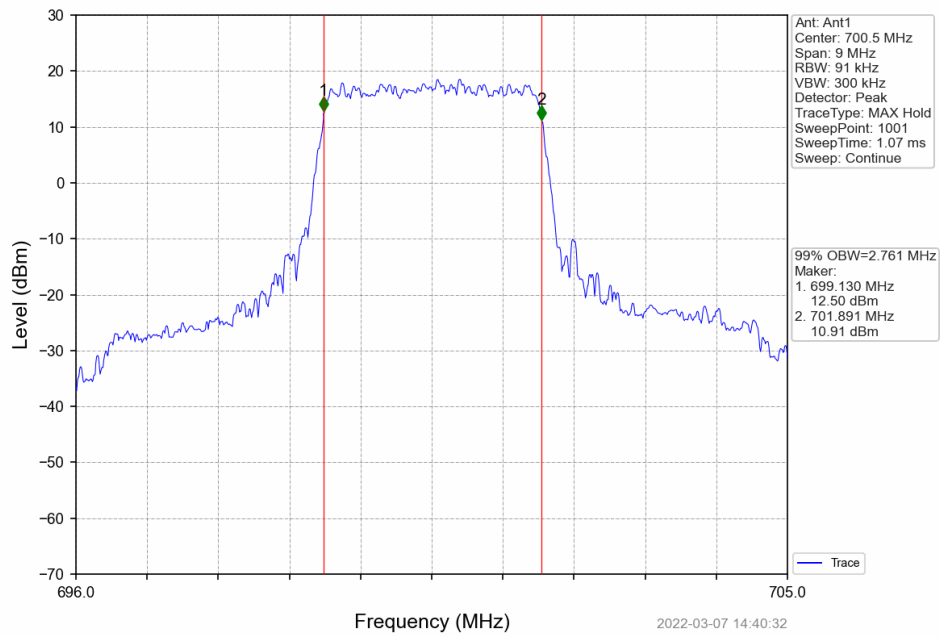
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



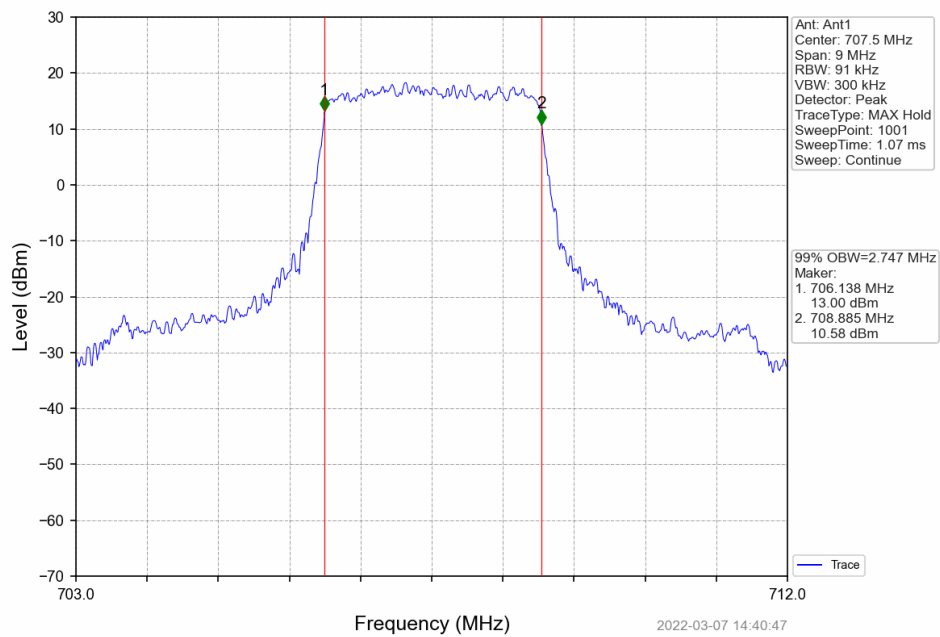
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



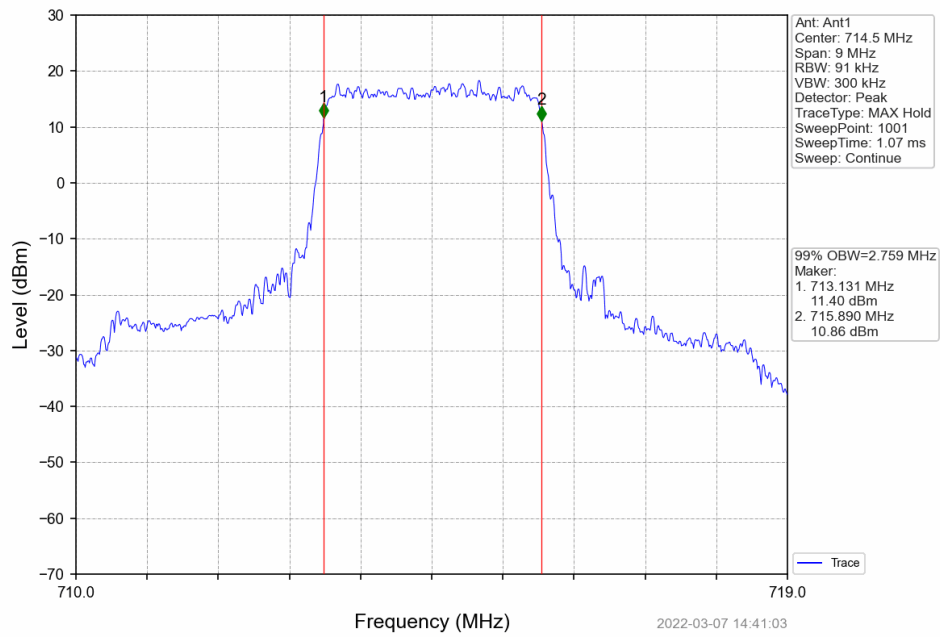
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTN



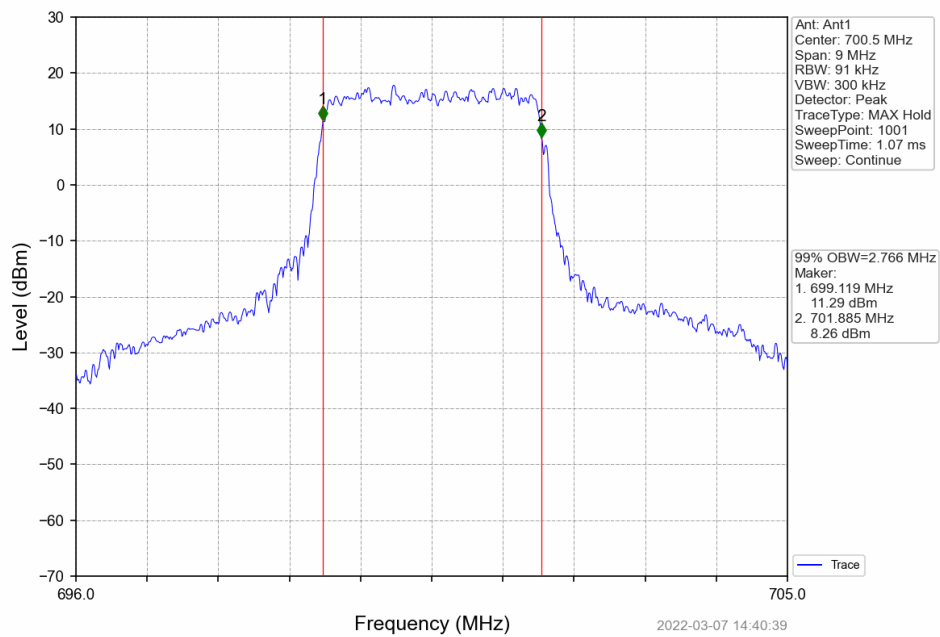
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTN



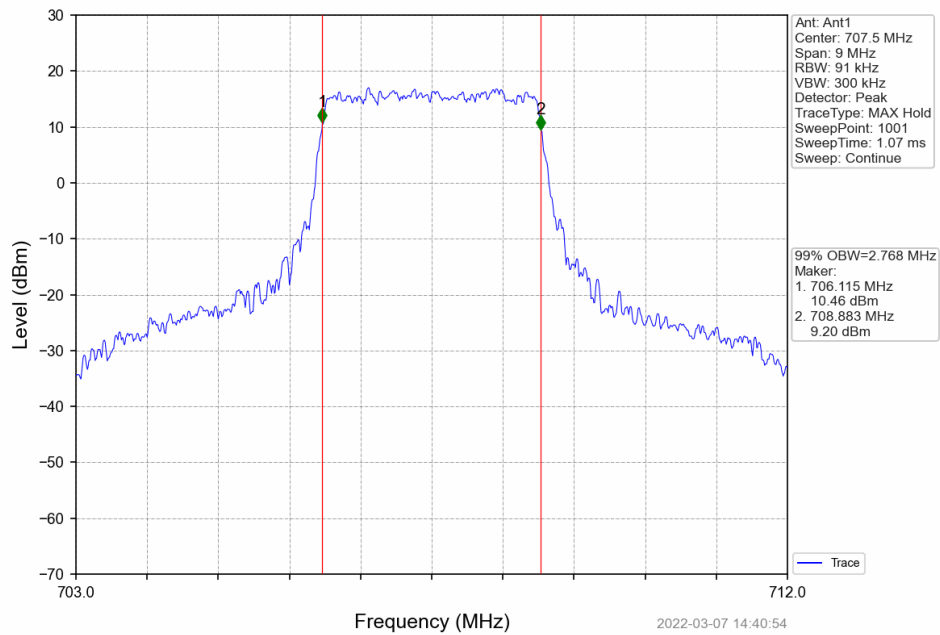
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



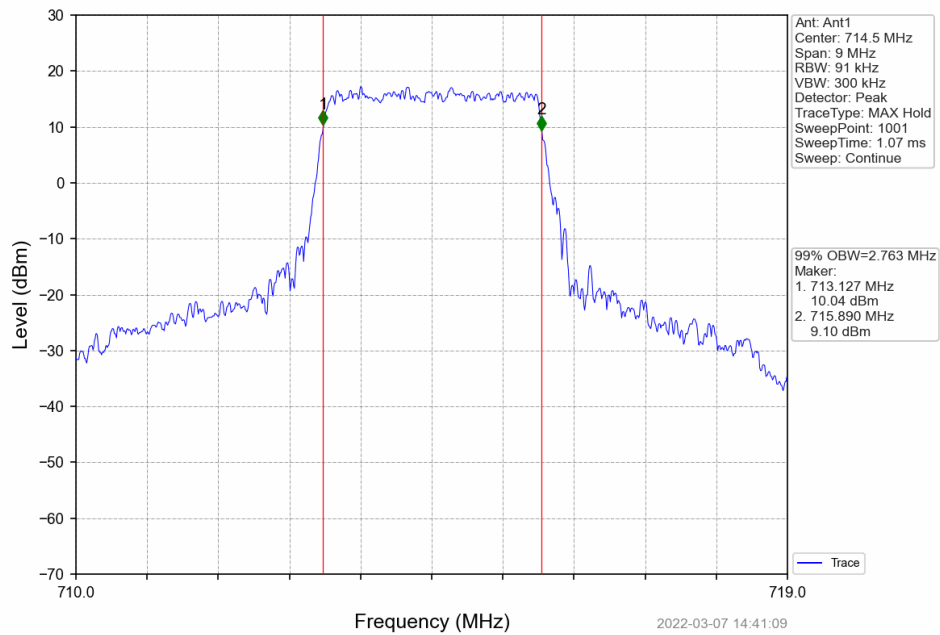
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



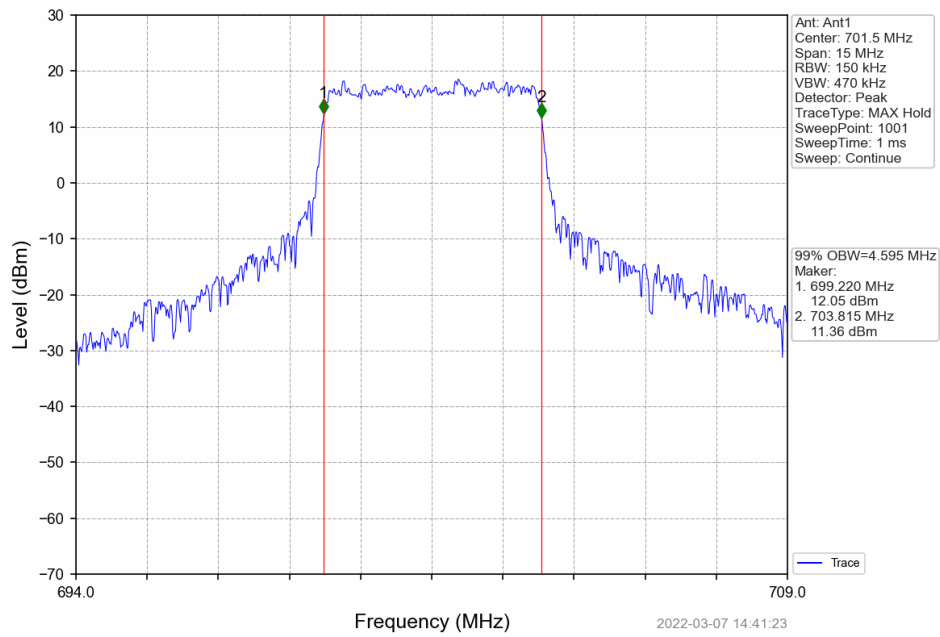
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



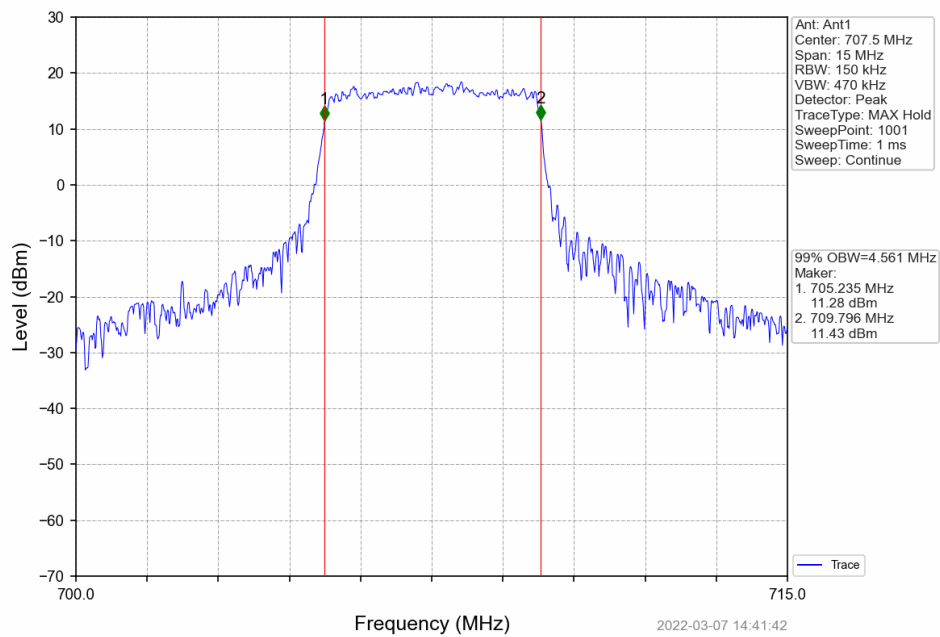
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



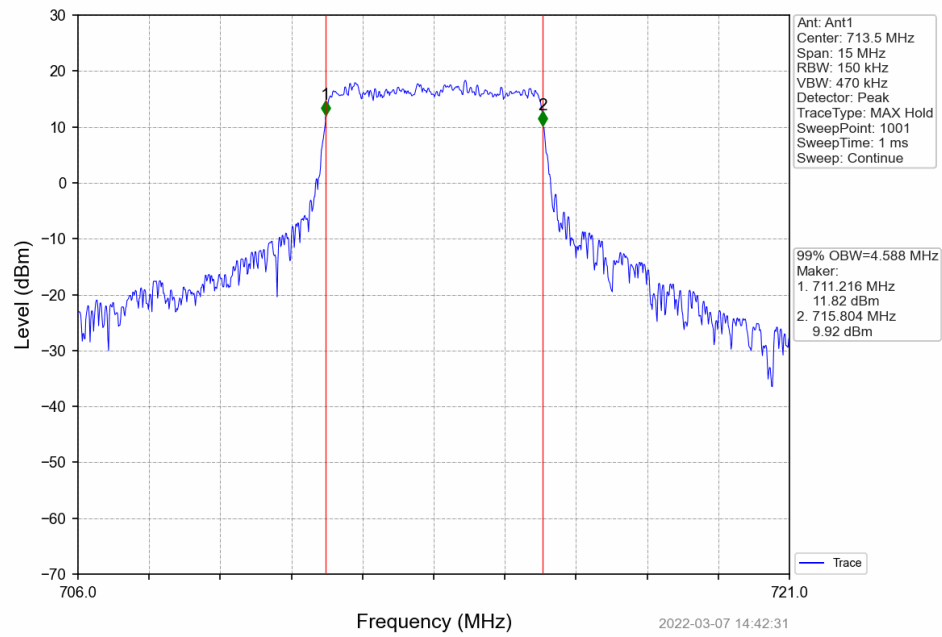
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTN



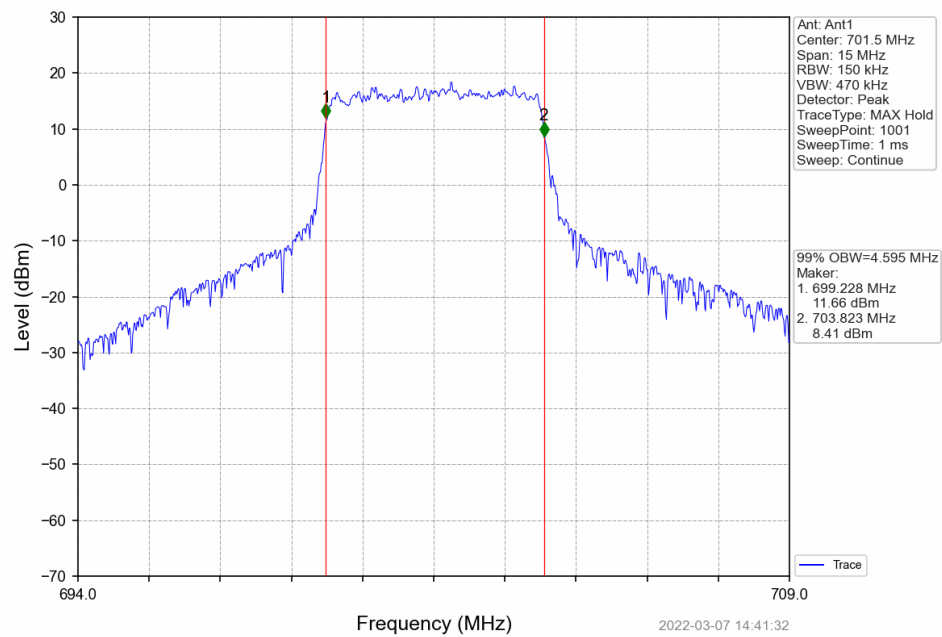
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTN



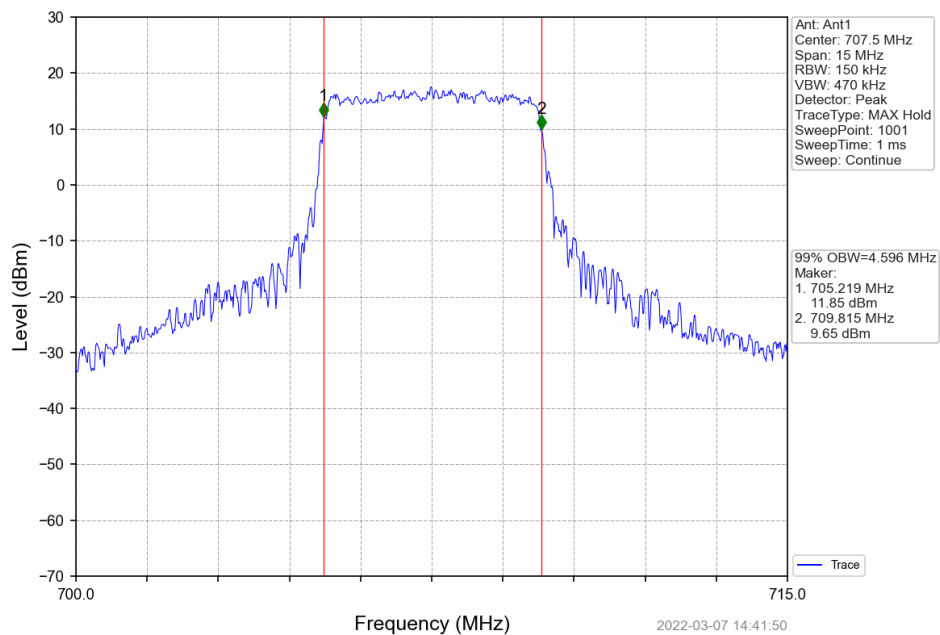
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



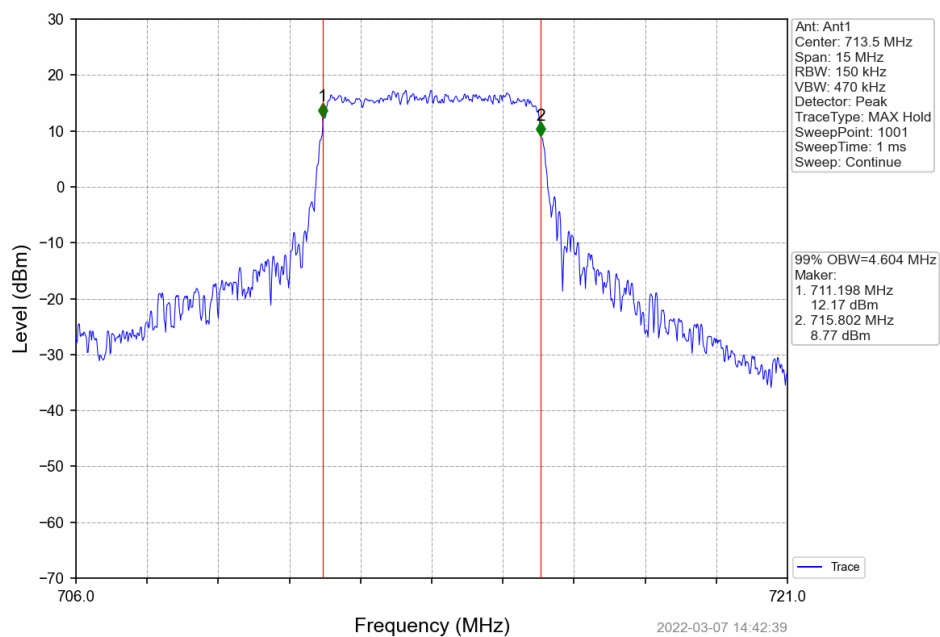
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



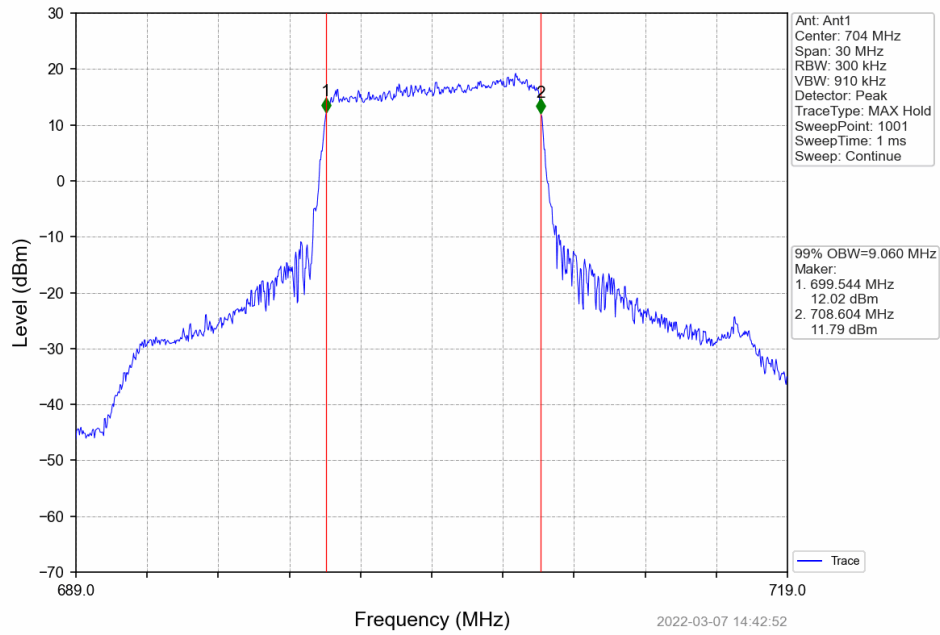
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



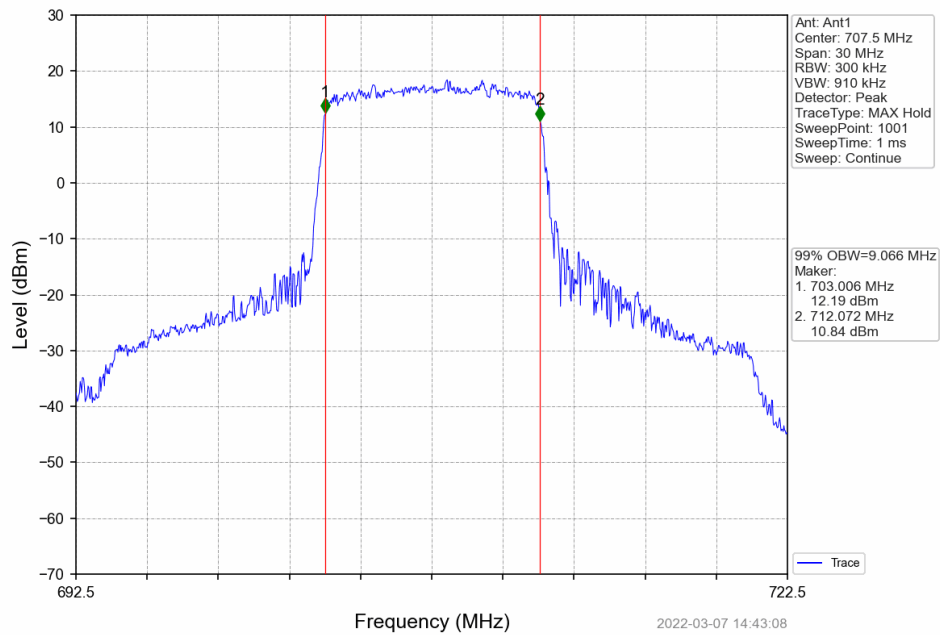
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



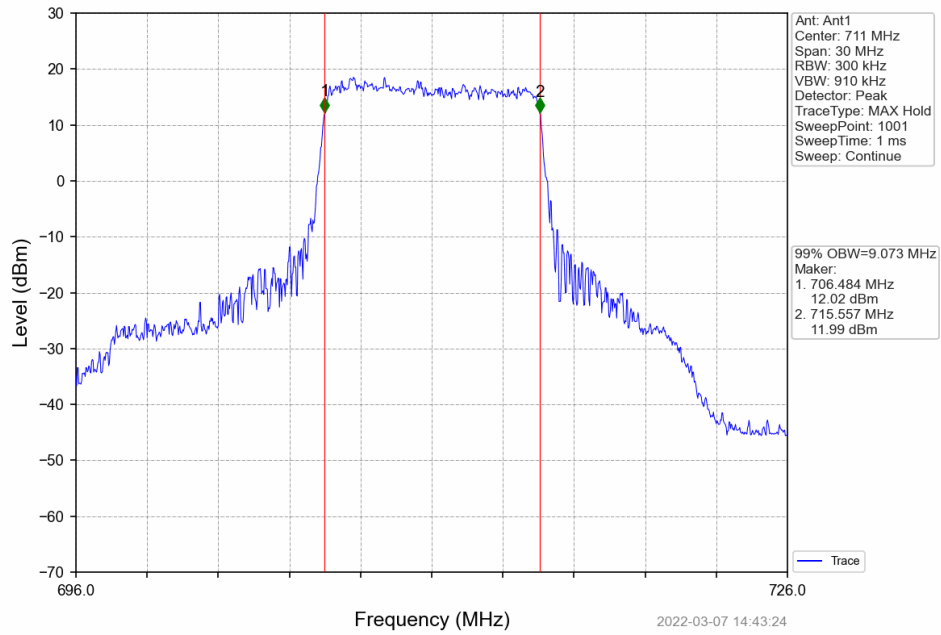
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



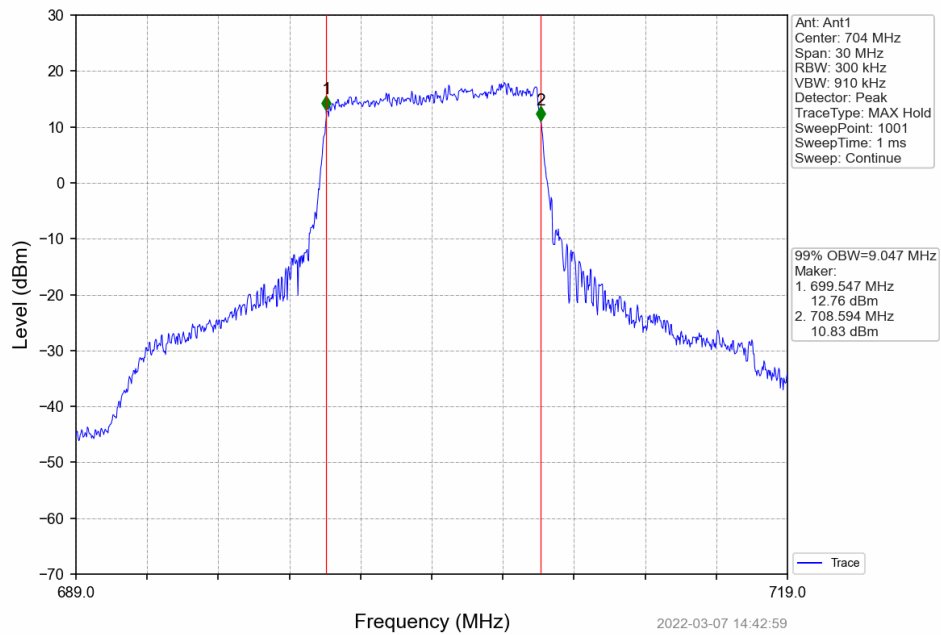
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



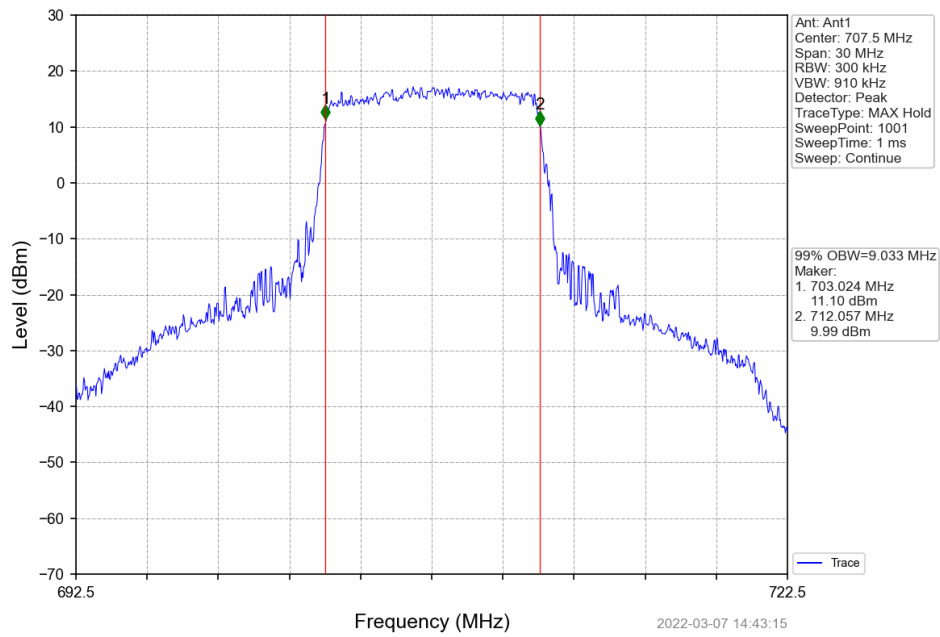
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



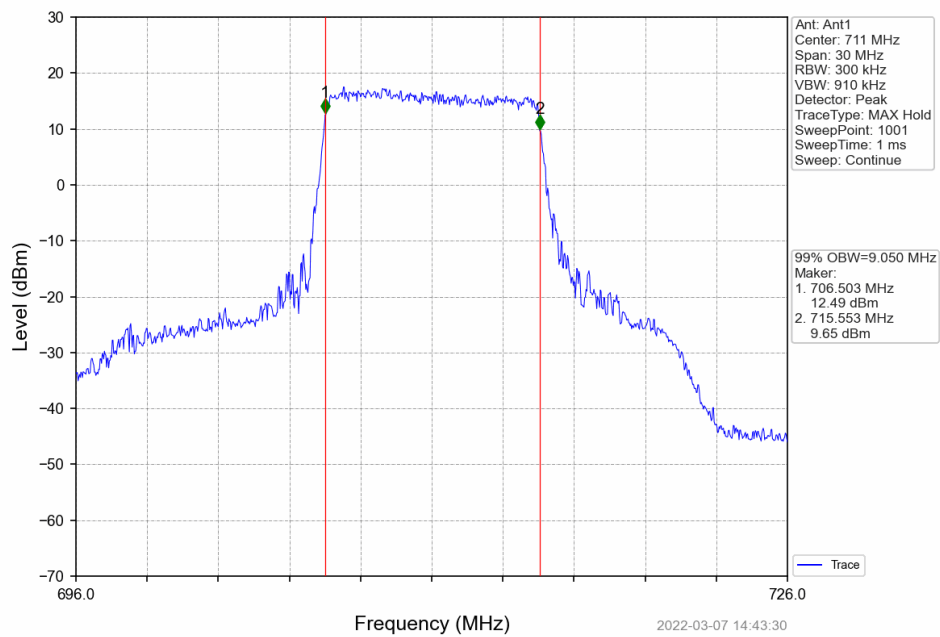
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTN



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

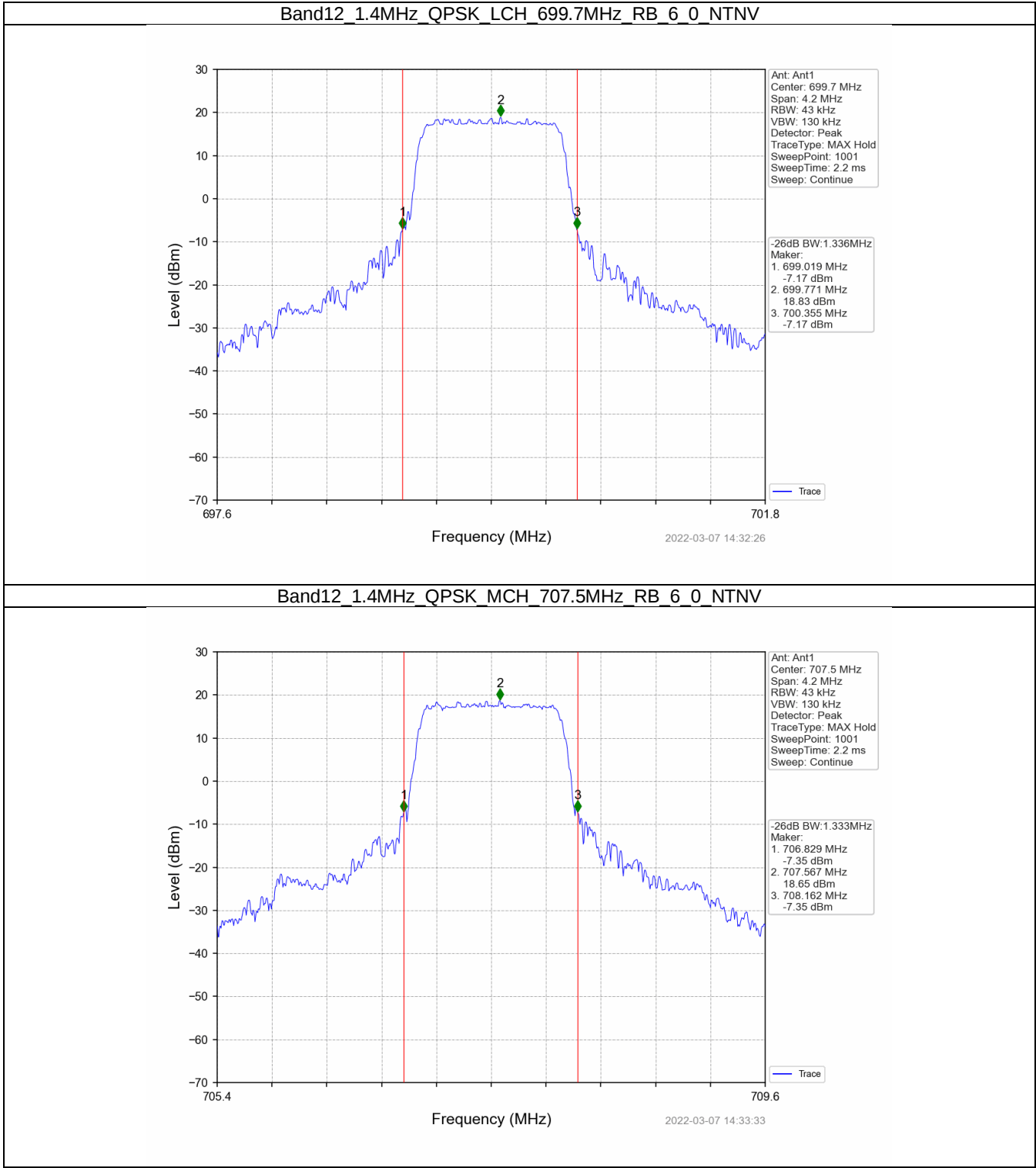


4.2 Band12_XDB

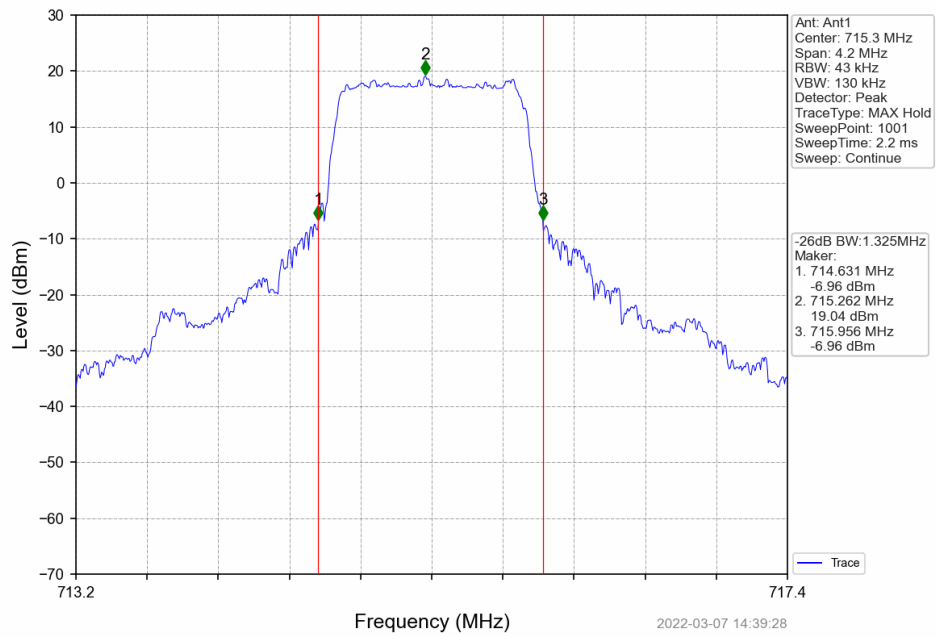
4.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.336	Pass
		707.5	6	0	1.333	Pass
		715.3	6	0	1.325	Pass
	16QAM	699.7	6	0	1.295	Pass
		707.5	6	0	1.295	Pass
		715.3	6	0	1.319	Pass
3	QPSK	700.5	15	0	3.113	Pass
		707.5	15	0	3.143	Pass
		714.5	15	0	3.129	Pass
	16QAM	700.5	15	0	3.119	Pass
		707.5	15	0	3.314	Pass
		714.5	15	0	3.248	Pass
5	QPSK	701.5	25	0	5.691	Pass
		707.5	25	0	5.630	Pass
		713.5	25	0	5.774	Pass
	16QAM	701.5	25	0	5.522	Pass
		707.5	25	0	5.462	Pass
		713.5	25	0	5.882	Pass
10	QPSK	704	50	0	10.087	Pass
		707.5	50	0	10.234	Pass
		711	50	0	10.187	Pass
	16QAM	704	50	0	10.196	Pass
		707.5	50	0	10.442	Pass
		711	50	0	10.284	Pass

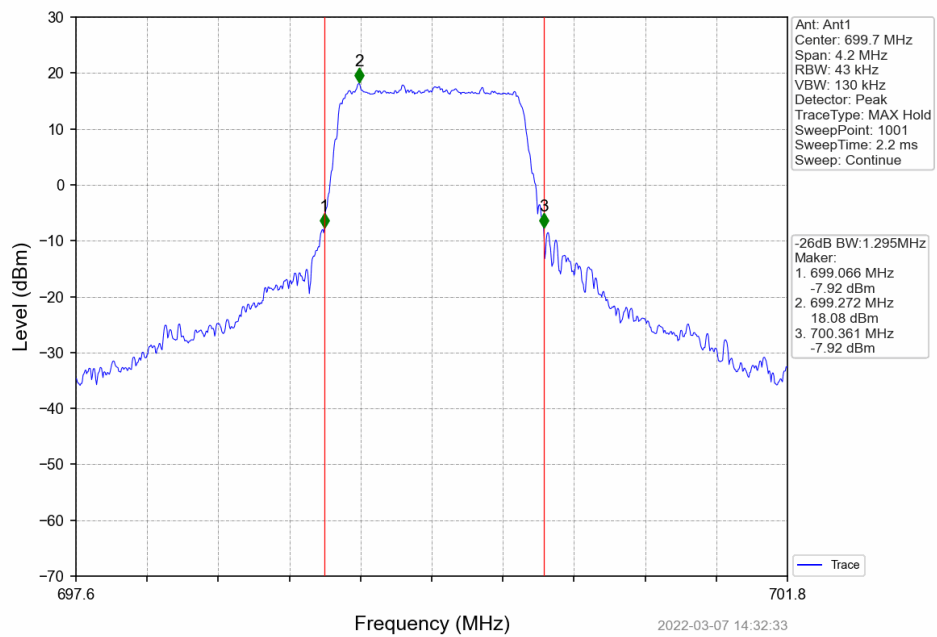
4.2.2 Test Graph



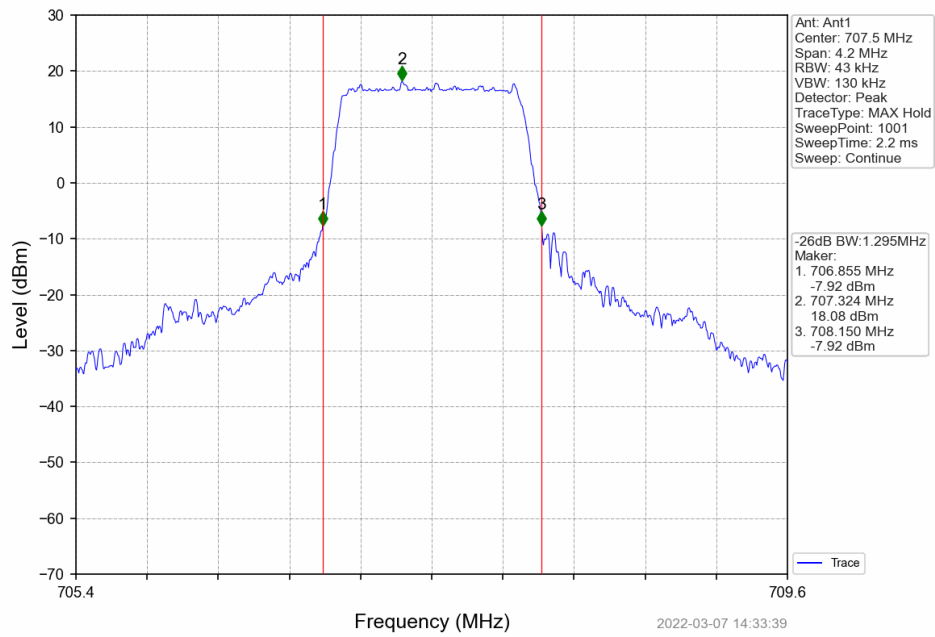
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



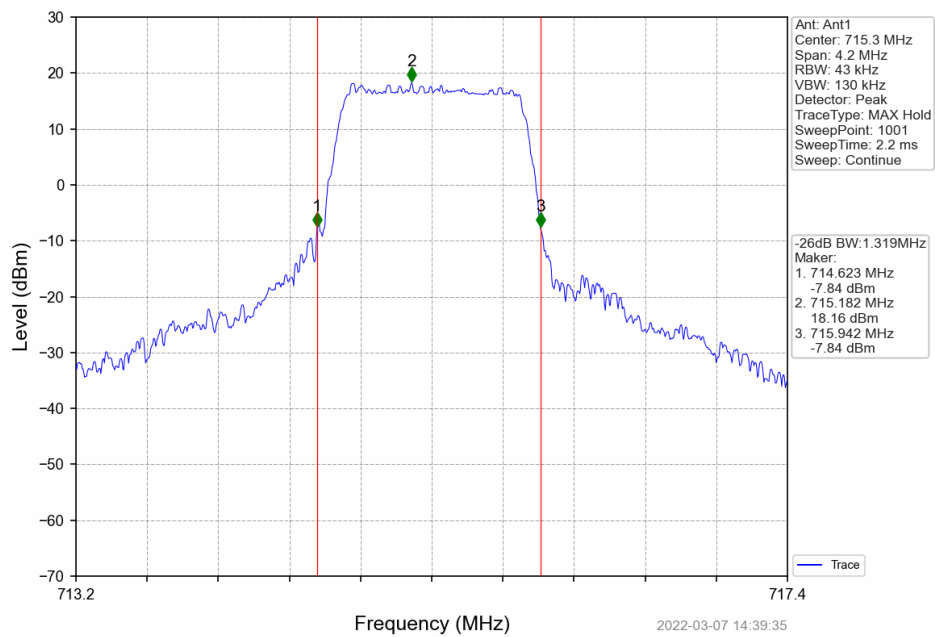
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



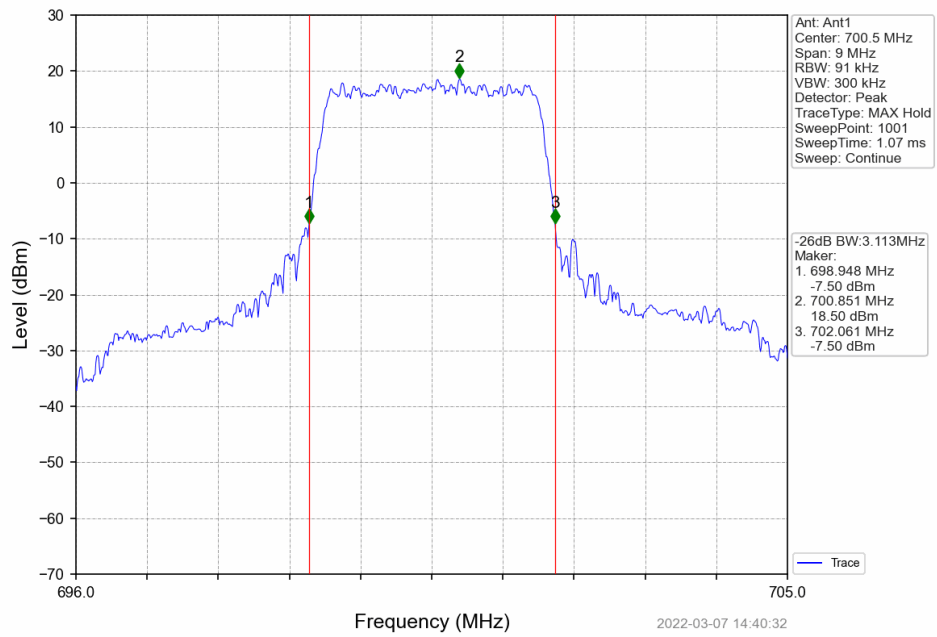
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



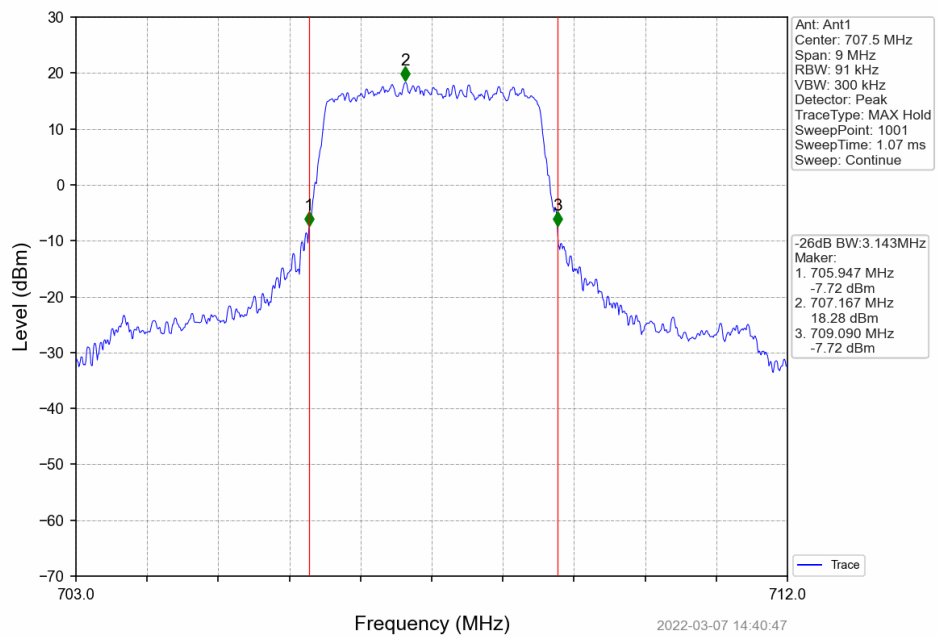
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



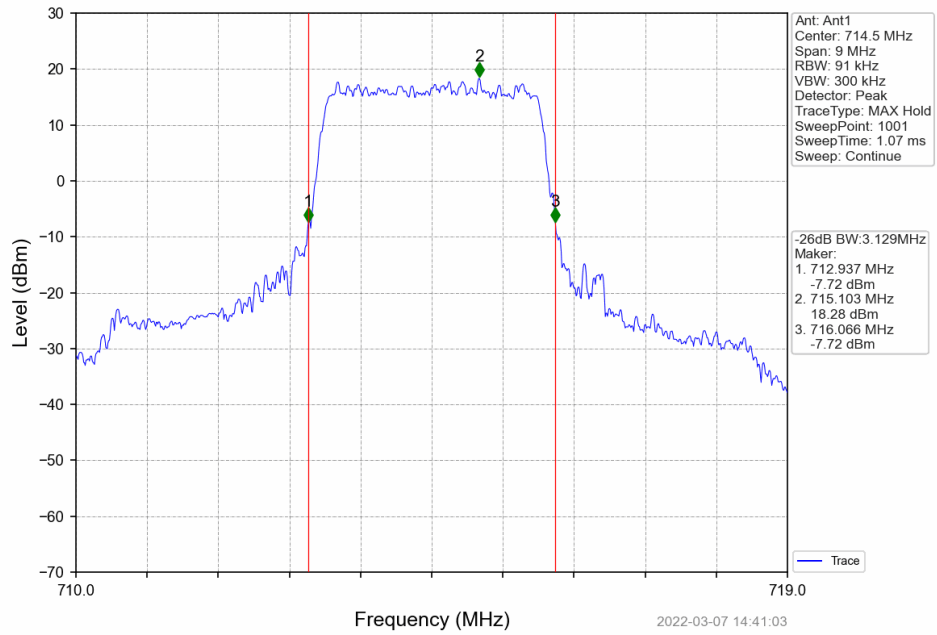
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



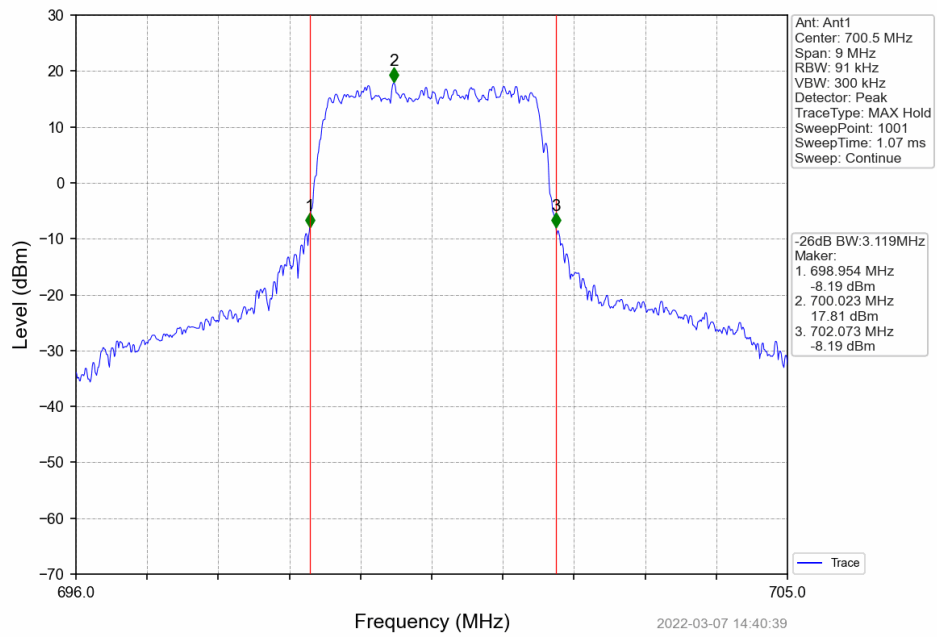
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



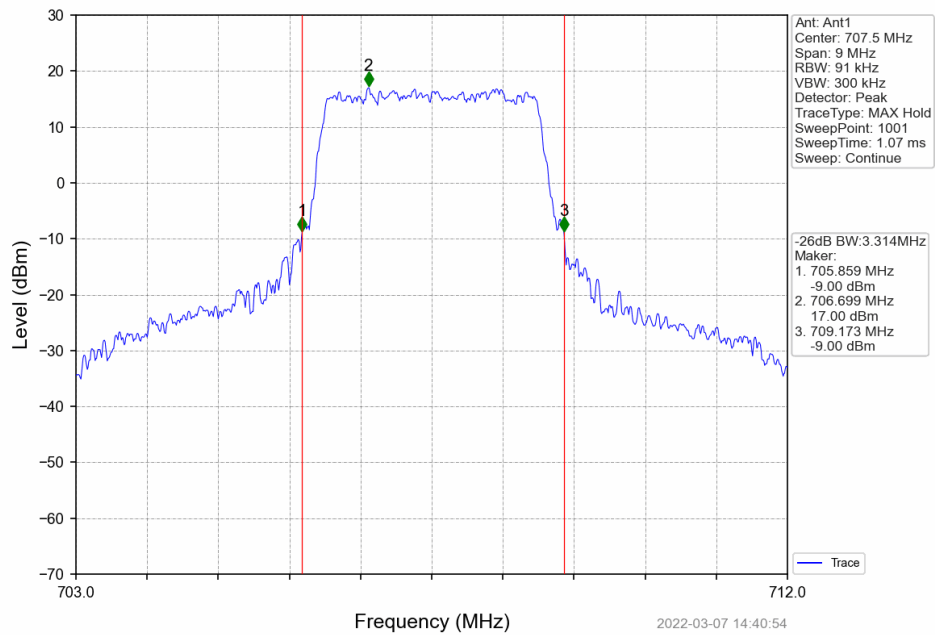
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



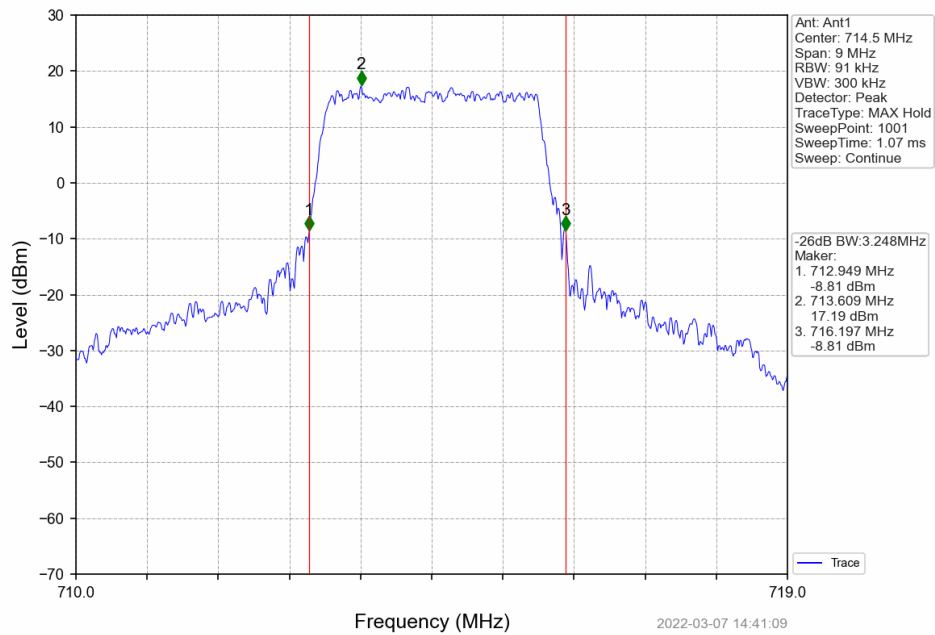
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



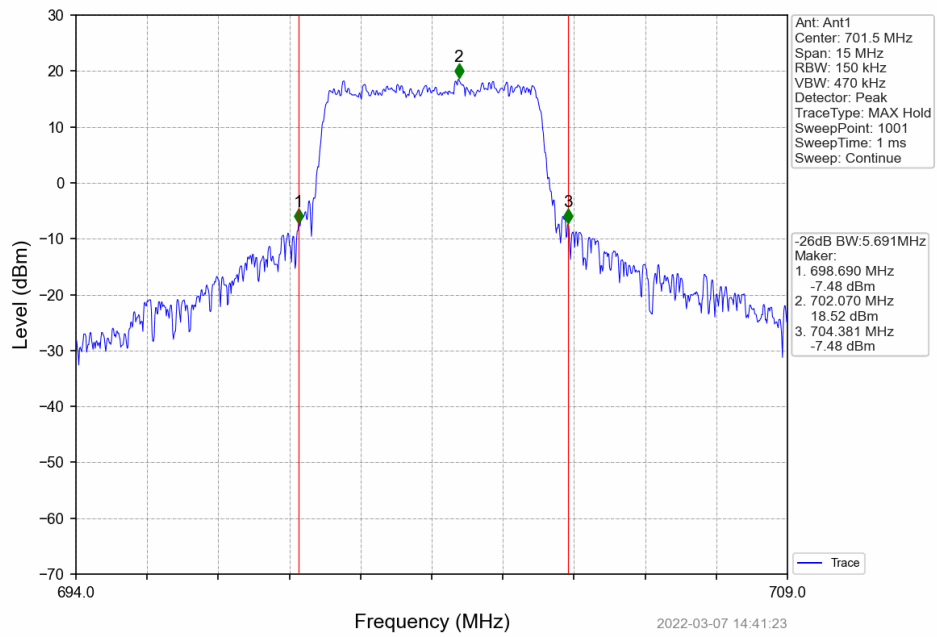
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



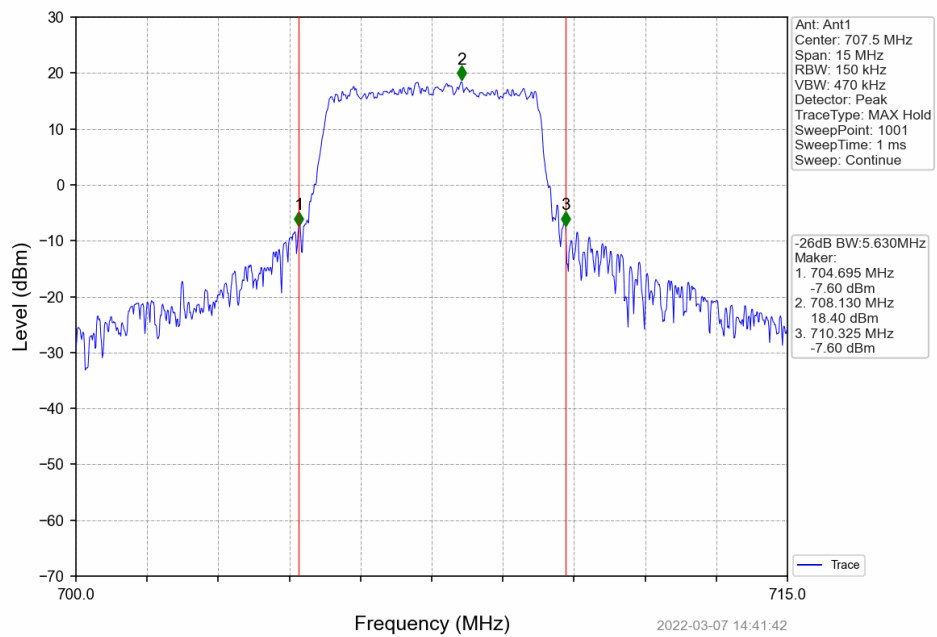
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



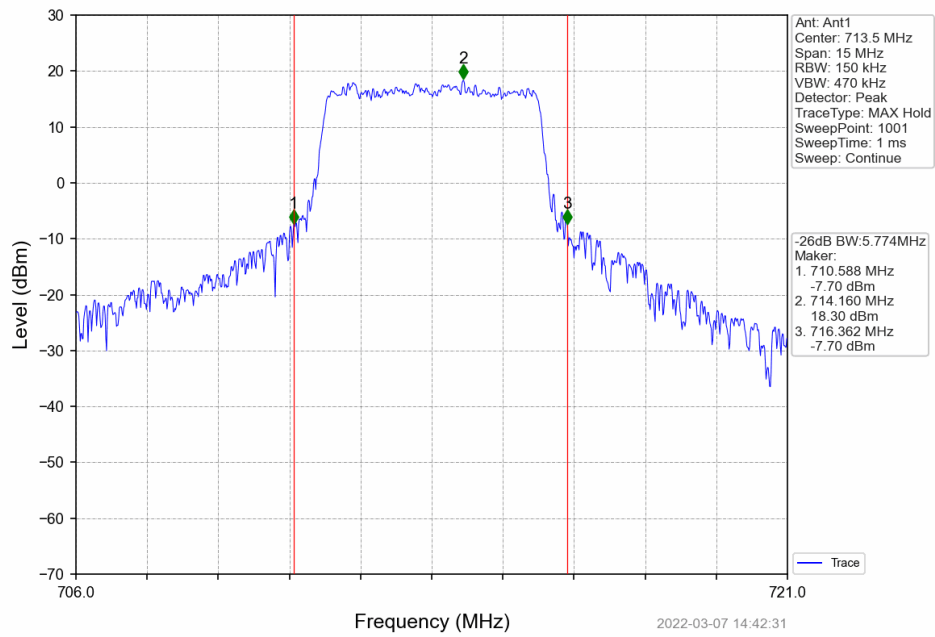
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTN



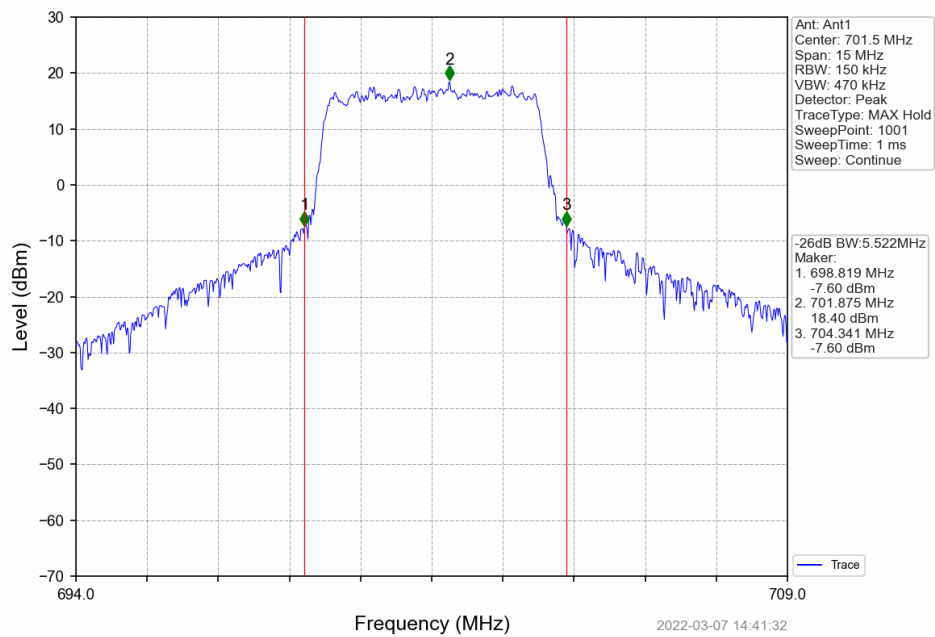
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTN



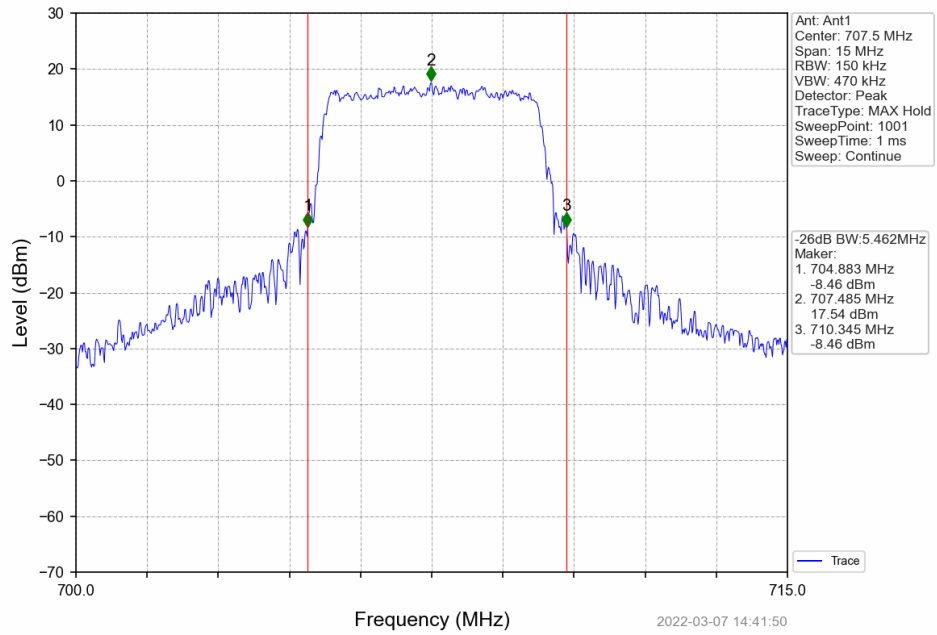
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



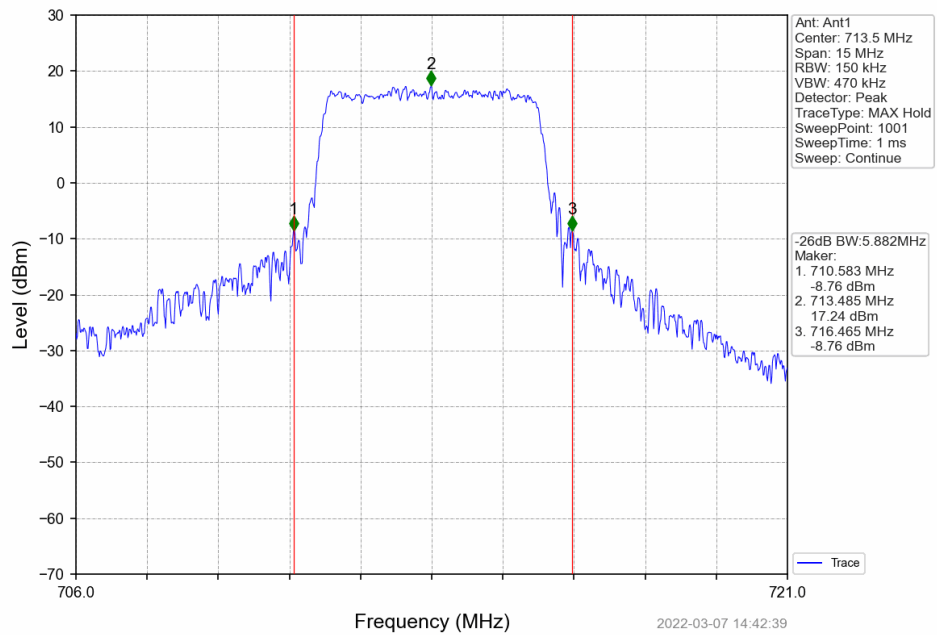
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



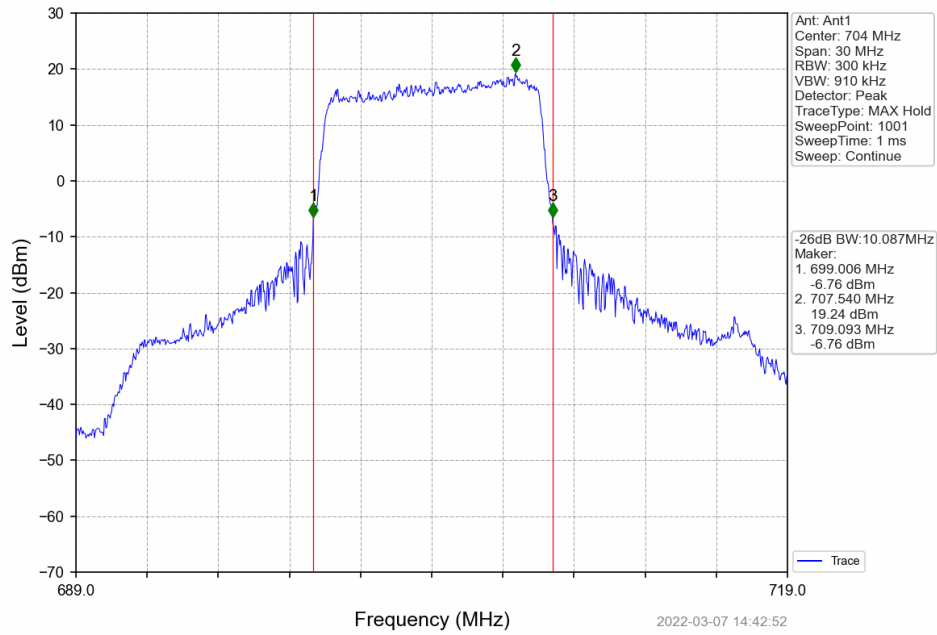
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



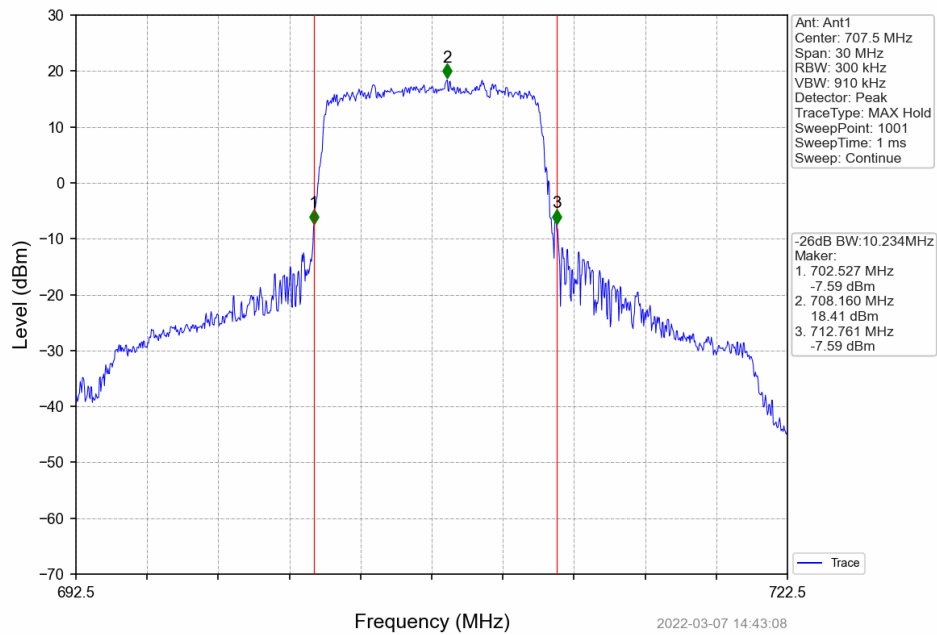
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



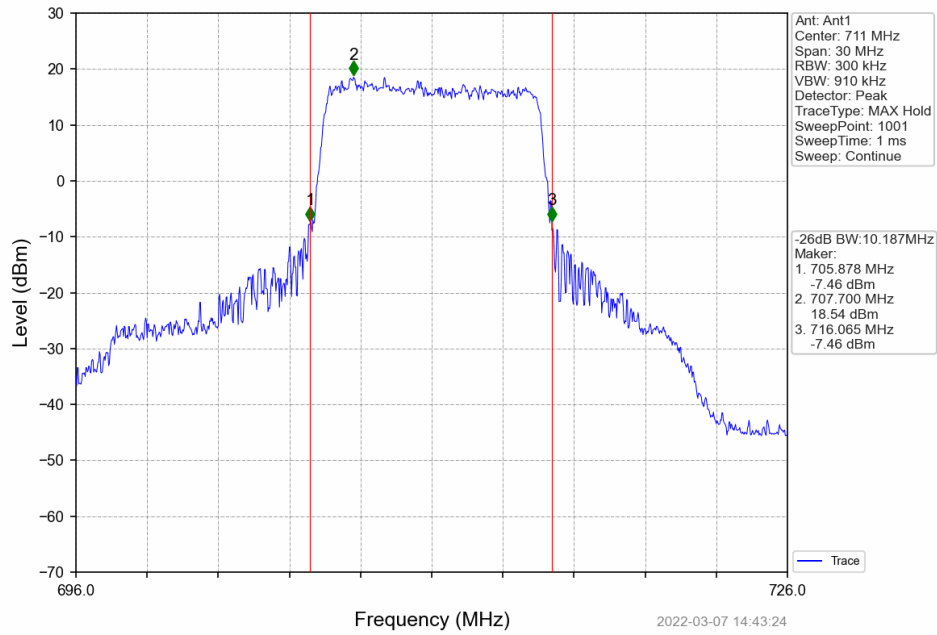
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



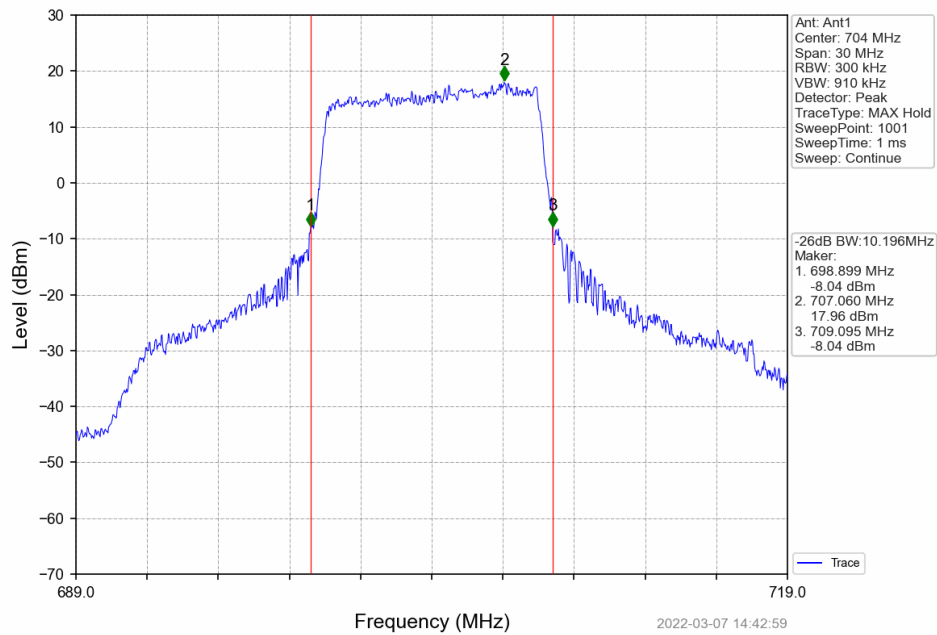
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



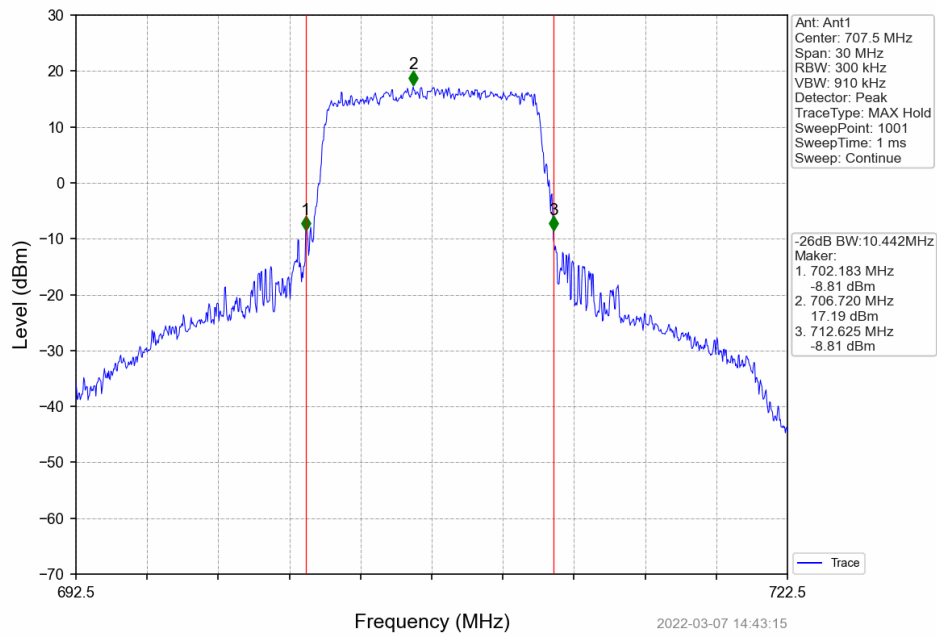
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTN



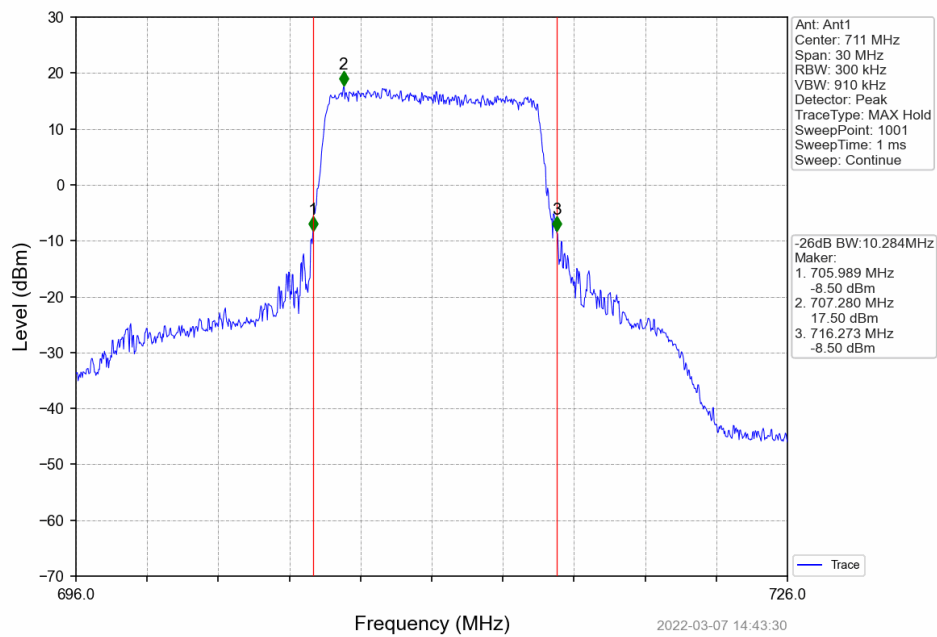
Band12 10MHz 16QAM LCH 704MHz RB 50 0 NTN



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



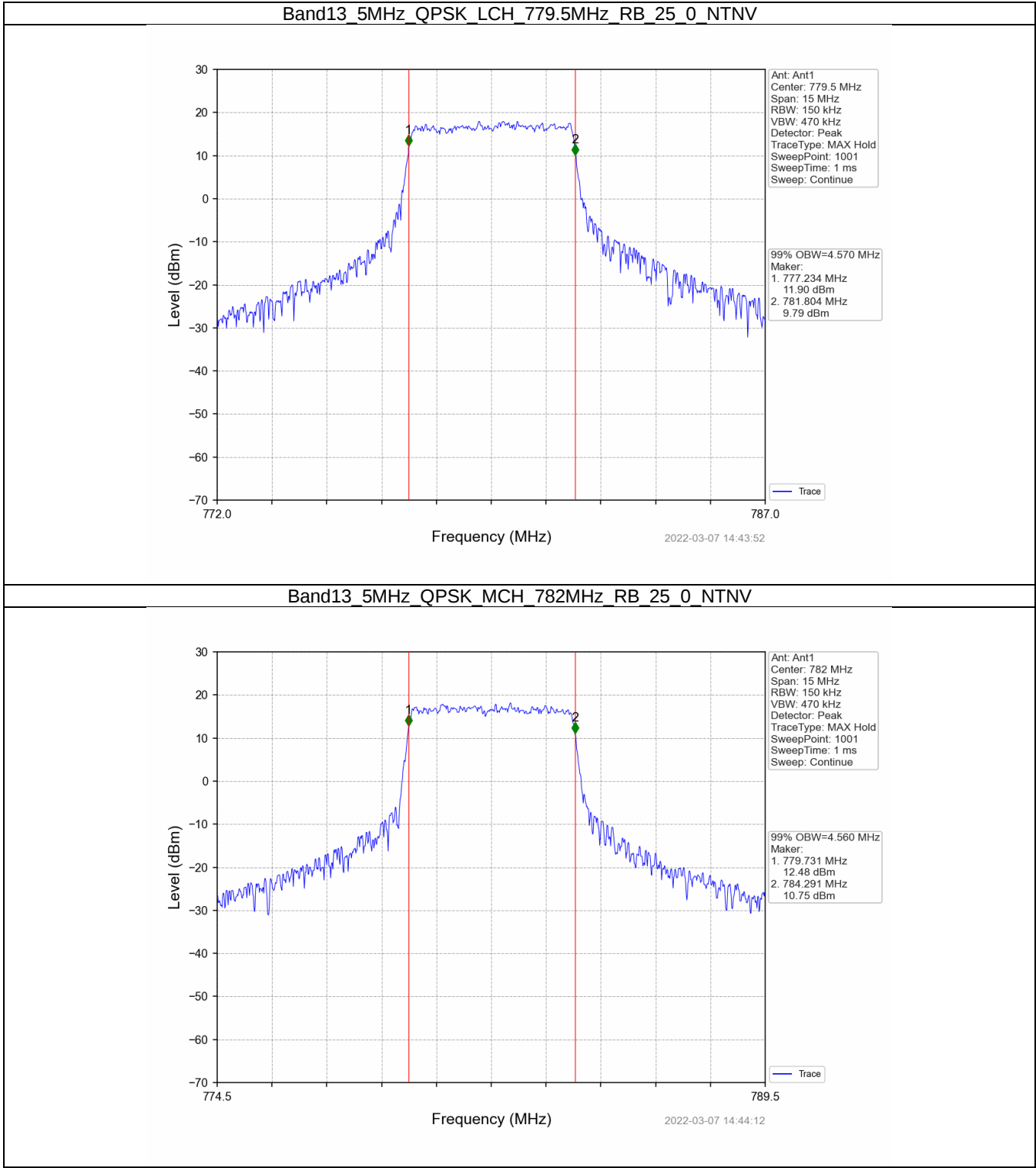
5. 99% & 26dB Bandwidth

5.1 Band13_OBW

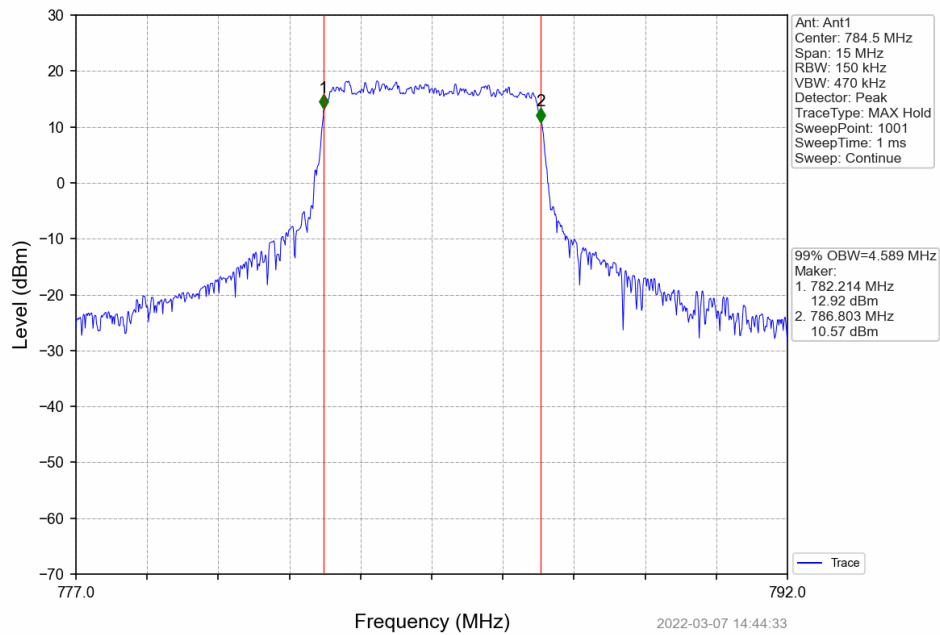
5.1.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.570	Pass
		782	25	0	4.560	Pass
		784.5	25	0	4.589	Pass
	16QAM	779.5	25	0	4.609	Pass
		782	25	0	4.590	Pass
		784.5	25	0	4.583	Pass
10	QPSK	782	50	0	9.036	Pass
		782	50	0	9.051	Pass
		782	50	0	9.041	Pass
	16QAM	782	50	0	9.068	Pass
		782	50	0	9.059	Pass
		782	50	0	9.041	Pass

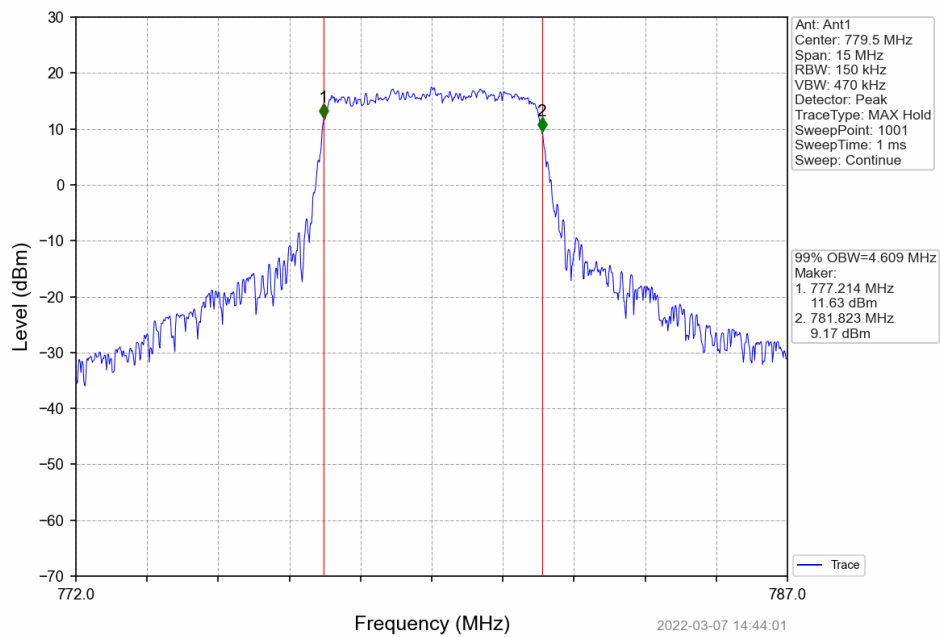
5.1.2 Test Graph



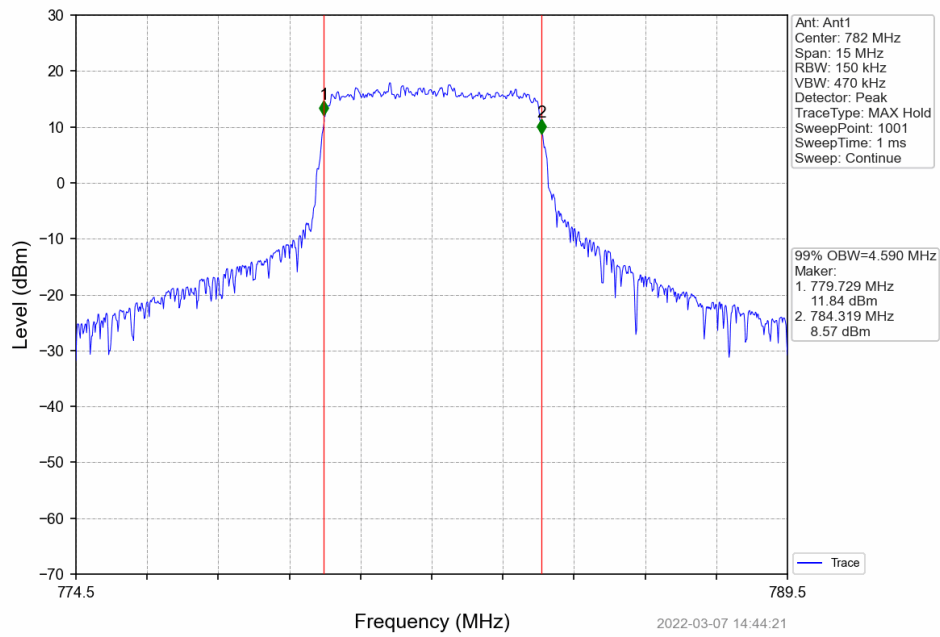
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTN



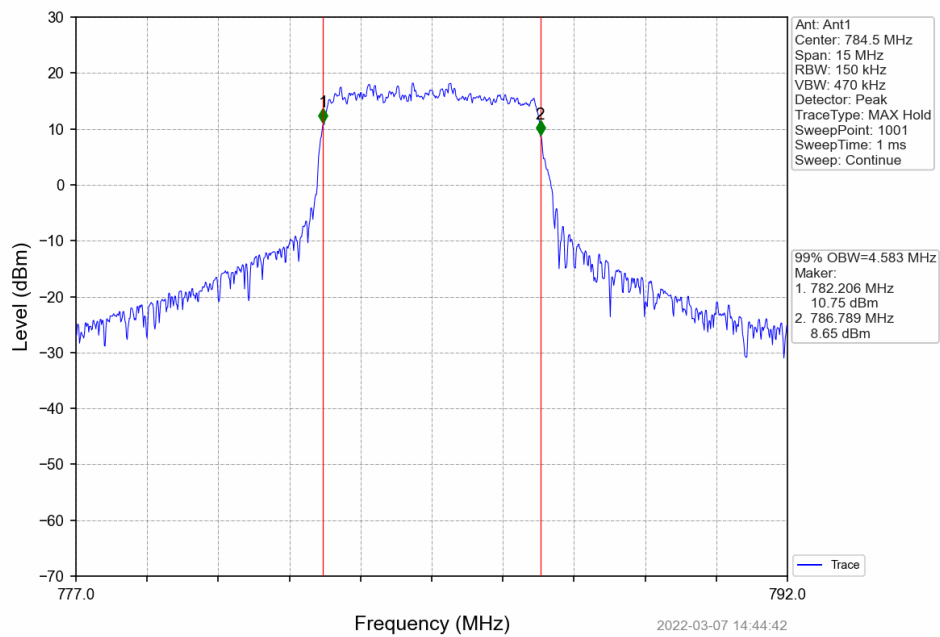
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0 NTN



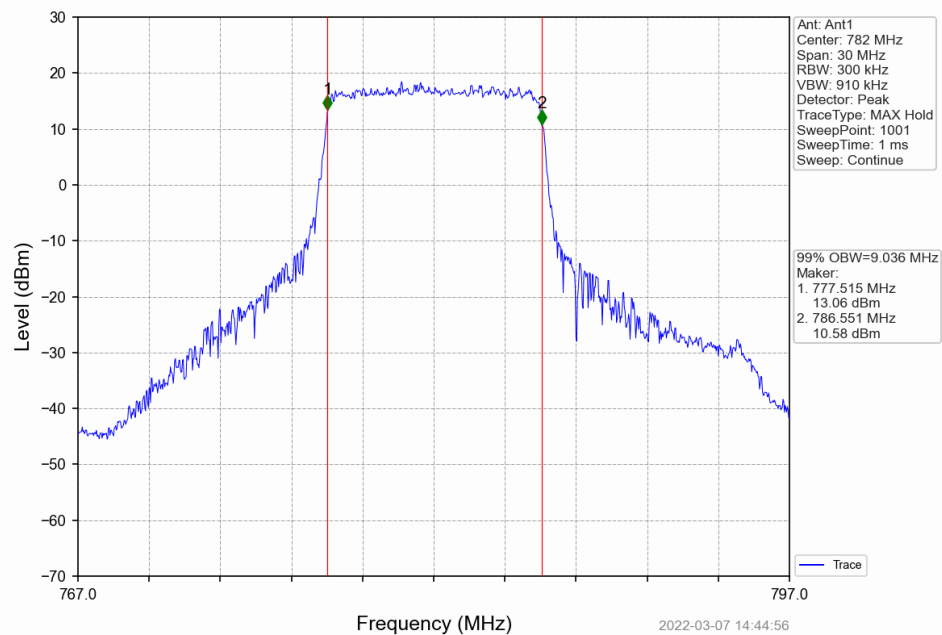
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV

