

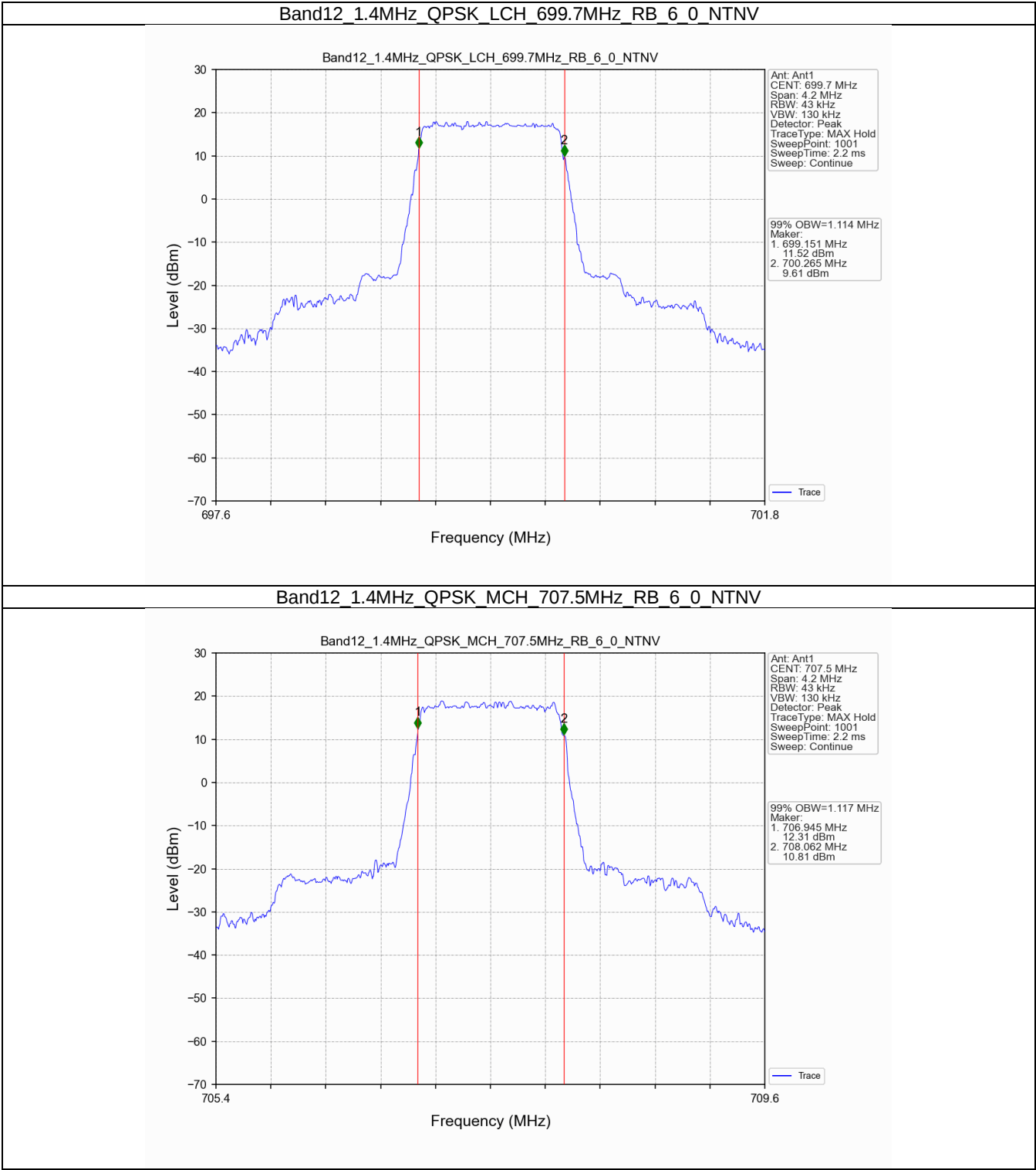
1. 99% & 26dB Bandwidth

1.1 Band12_OBW

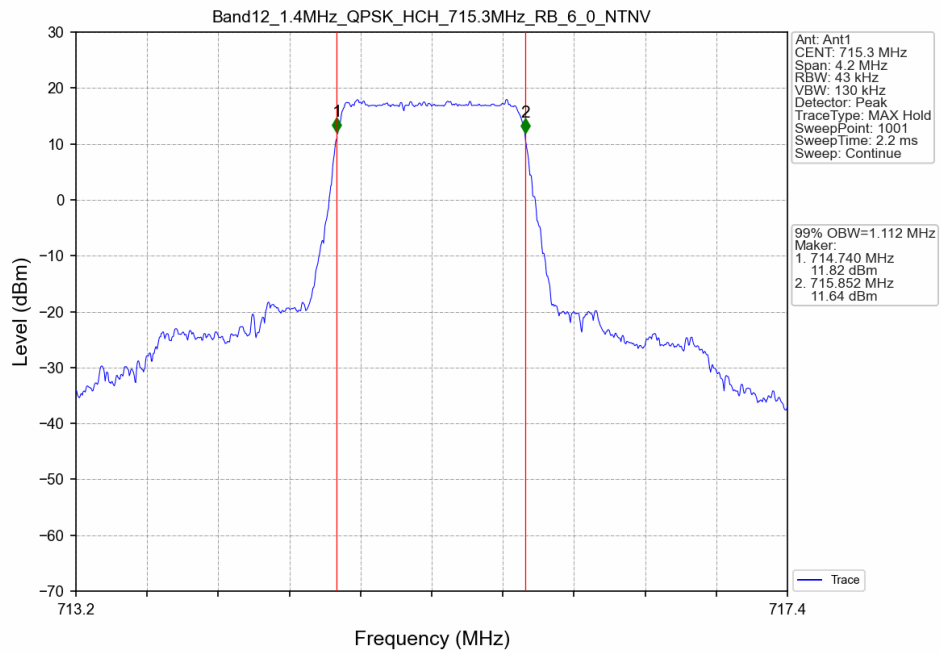
1.1.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.114	/	Pass
		707.5	6	0	1.117	/	Pass
		715.3	6	0	1.112	/	Pass
	16QAM	699.7	6	0	1.104	/	Pass
		707.5	6	0	1.108	/	Pass
		715.3	6	0	1.102	/	Pass
3	QPSK	700.5	15	0	2.742	/	Pass
		707.5	15	0	2.733	/	Pass
		714.5	15	0	2.733	/	Pass
	16QAM	700.5	15	0	2.731	/	Pass
		707.5	15	0	2.725	/	Pass
		714.5	15	0	2.728	/	Pass
5	QPSK	701.5	25	0	4.552	/	Pass
		707.5	25	0	4.540	/	Pass
		713.5	25	0	4.547	/	Pass
	16QAM	701.5	25	0	4.540	/	Pass
		707.5	25	0	4.560	/	Pass
		713.5	25	0	4.551	/	Pass
10	QPSK	704	50	0	9.042	/	Pass
		707.5	50	0	8.995	/	Pass
		711	50	0	9.061	/	Pass
	16QAM	704	27	0	5.042	/	Pass
		707.5	27	0	5.060	/	Pass
		711	27	23	5.060	/	Pass

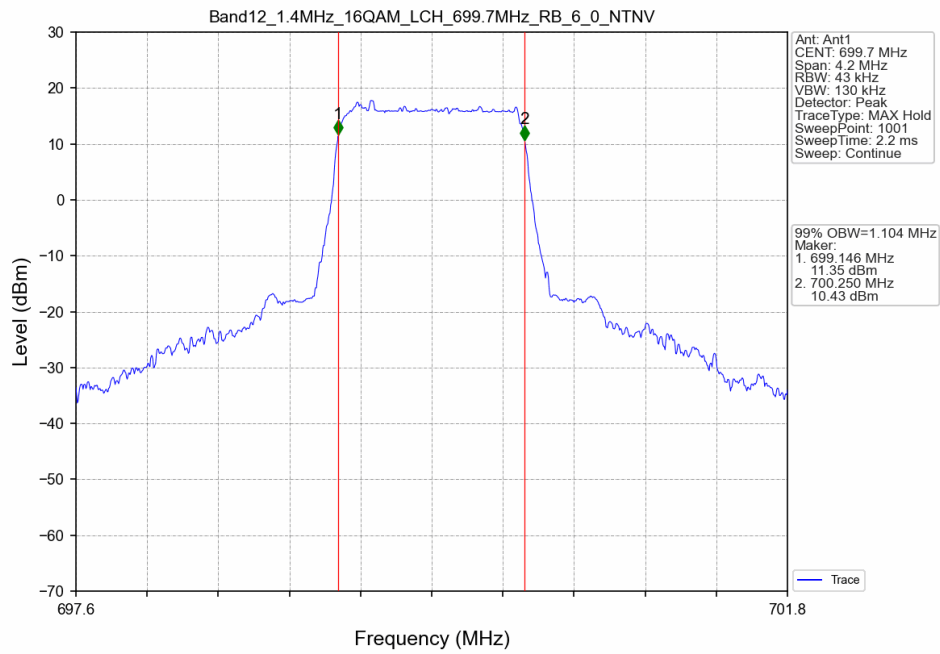
1.1.2 Test Graph



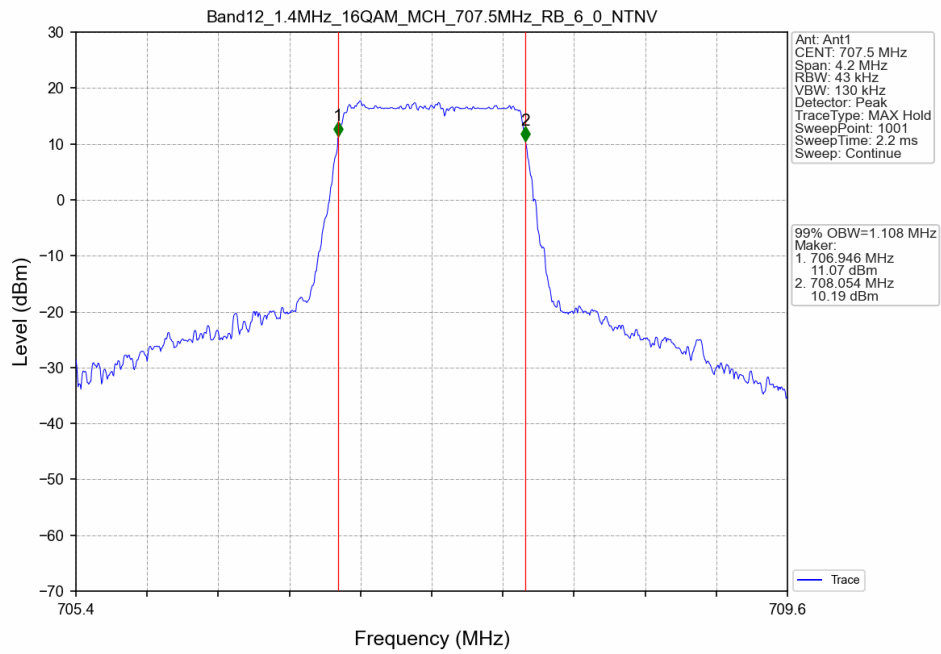
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



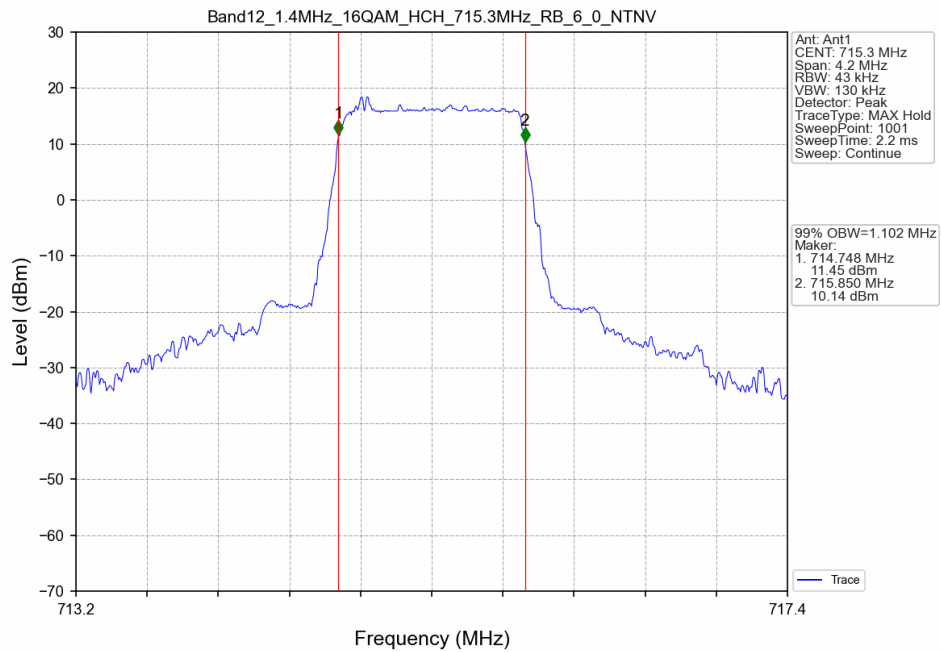
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



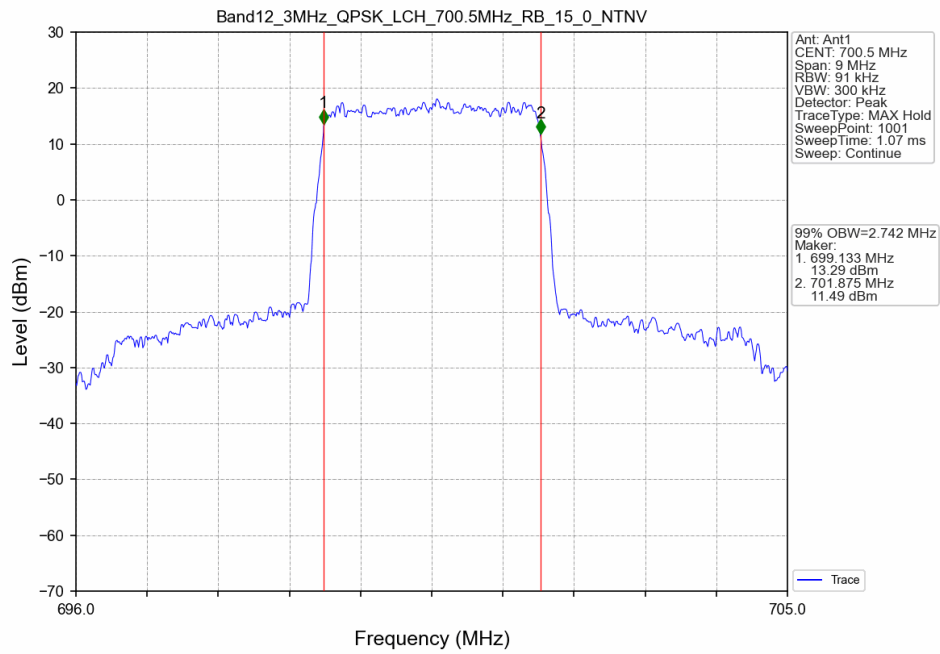
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTV



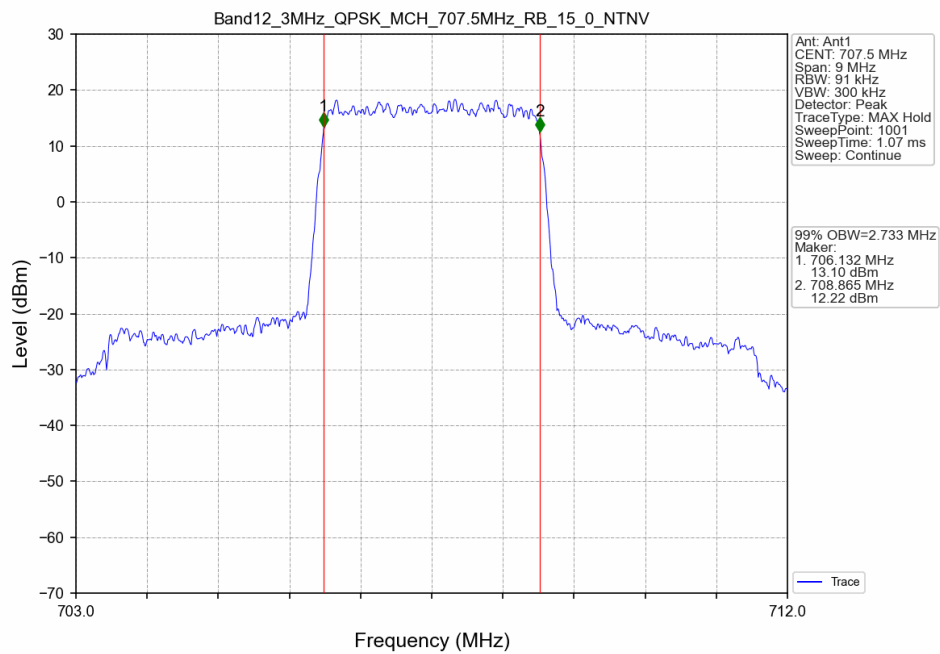
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTV



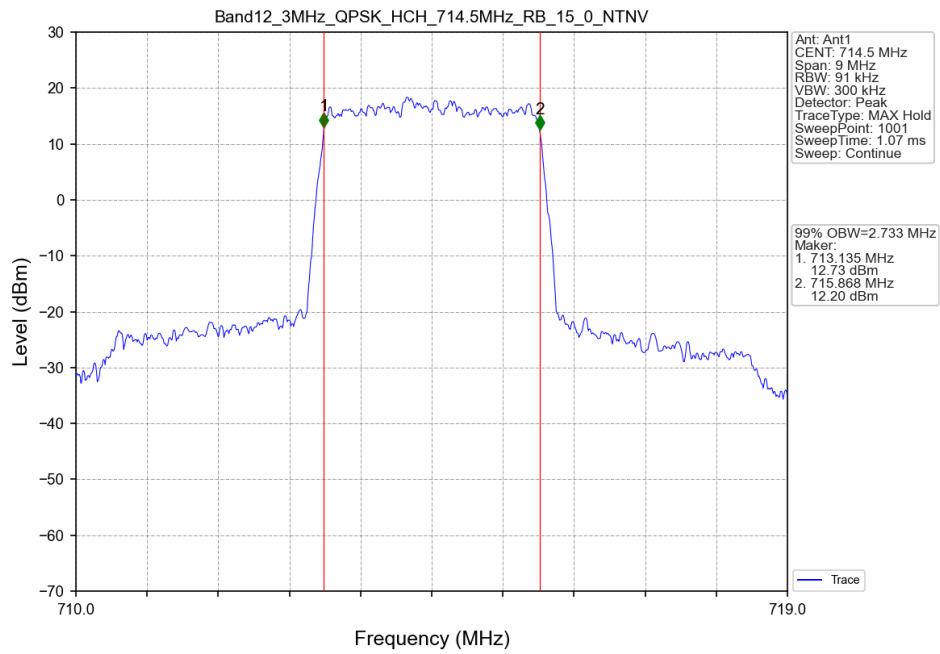
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



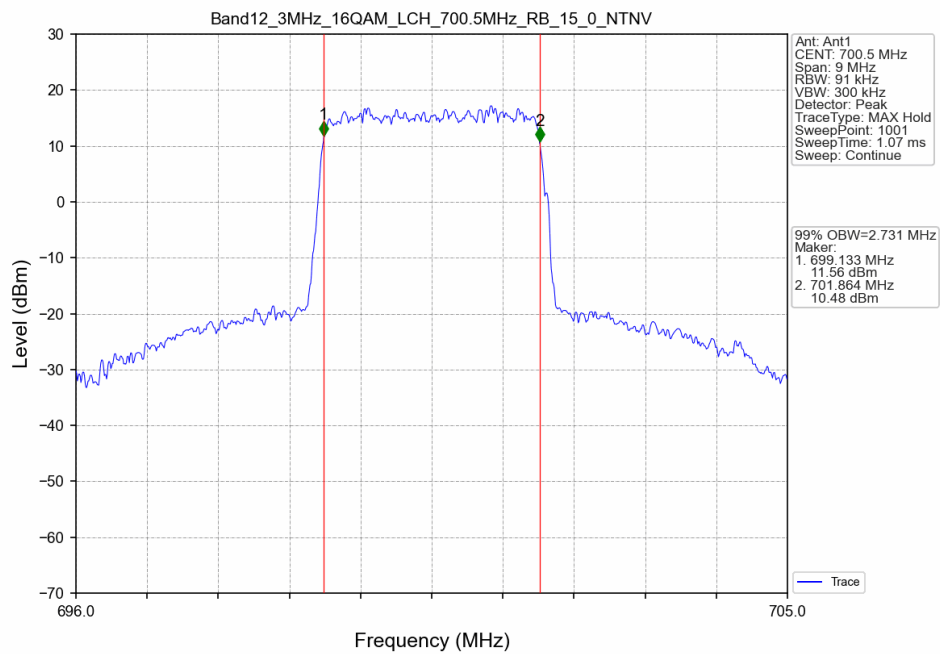
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



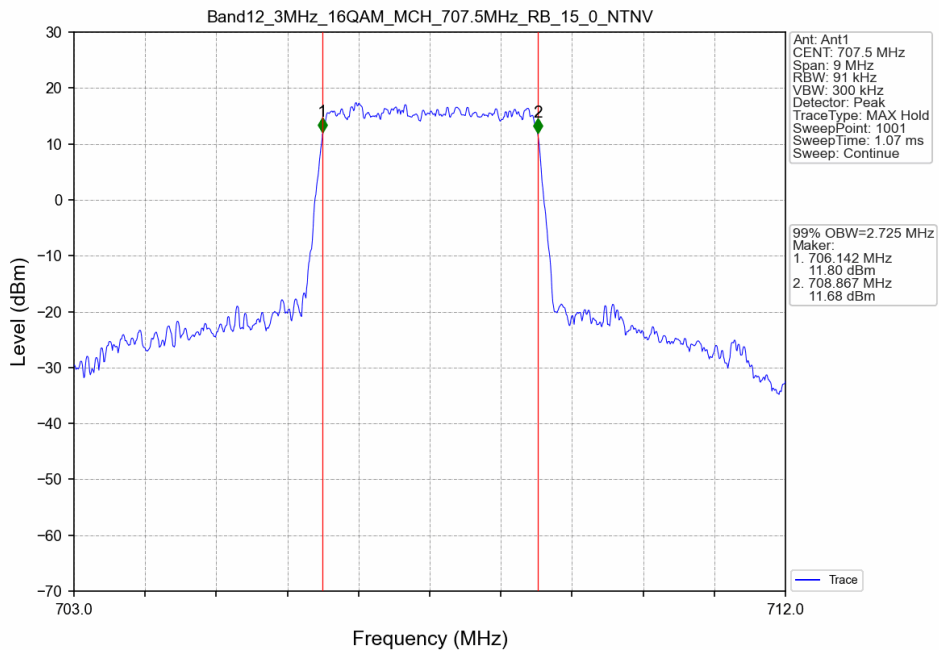
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



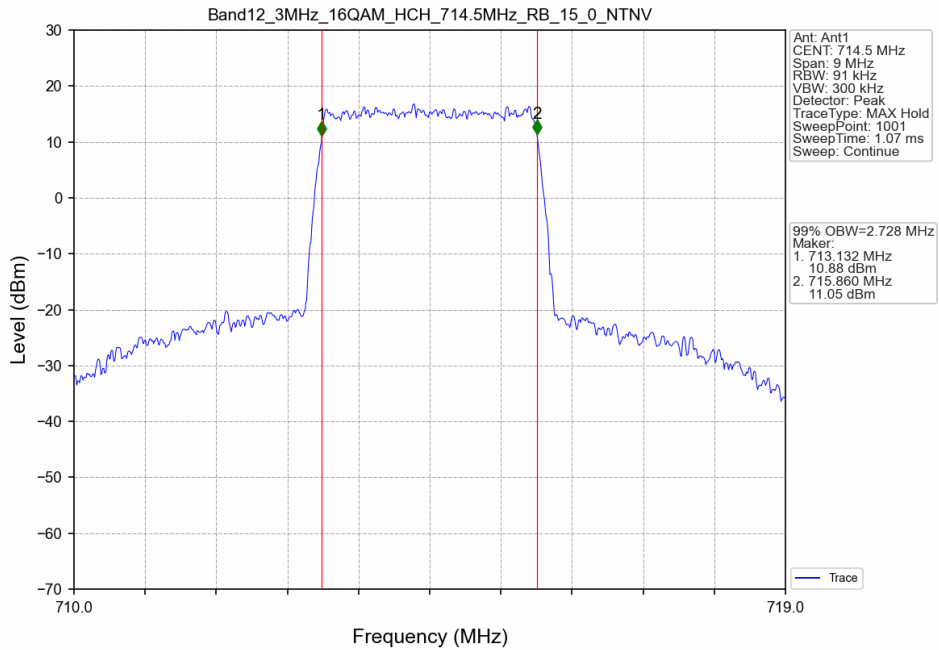
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



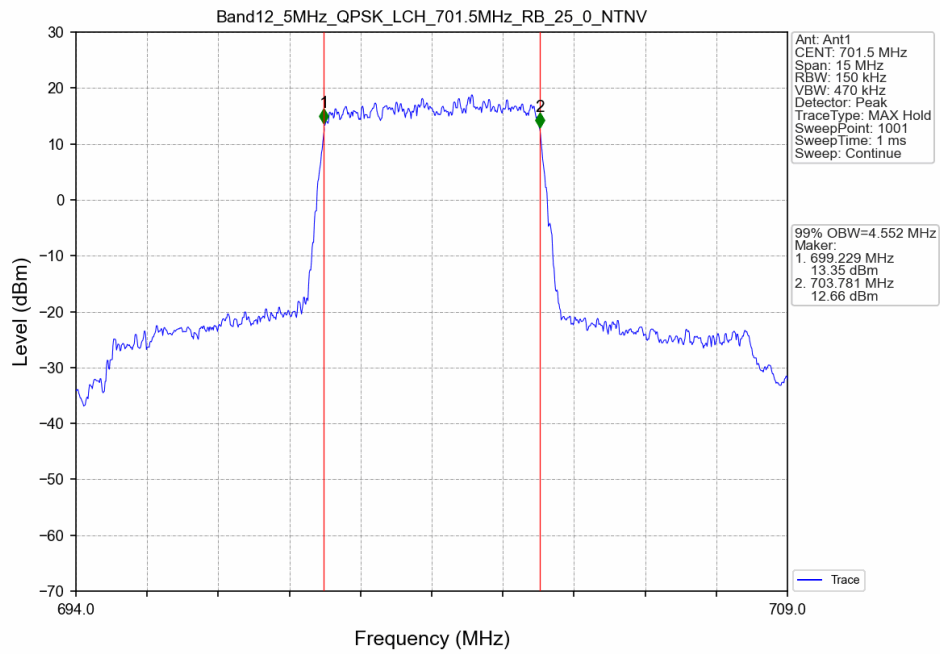
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



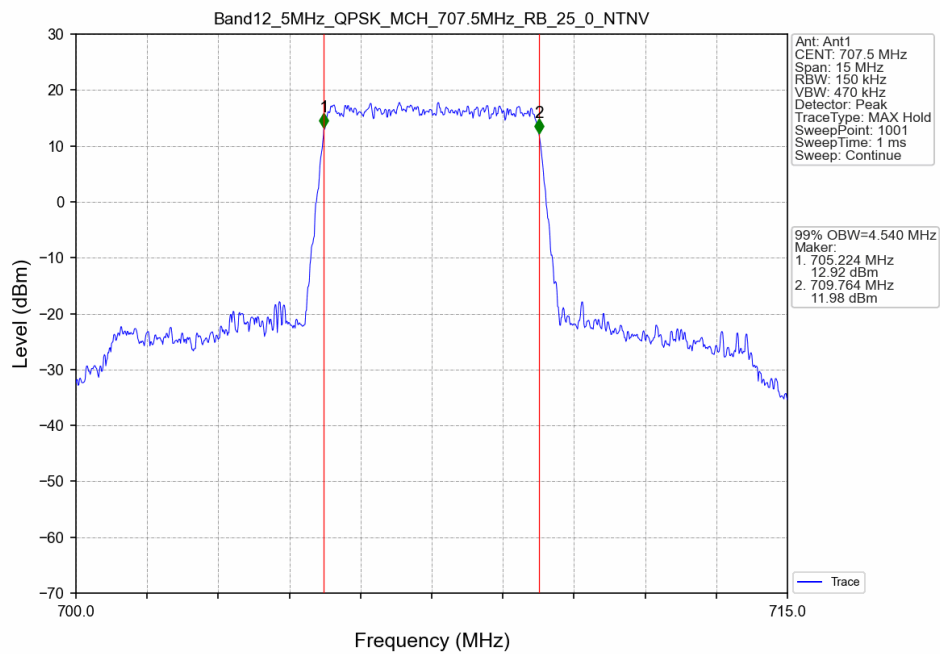
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



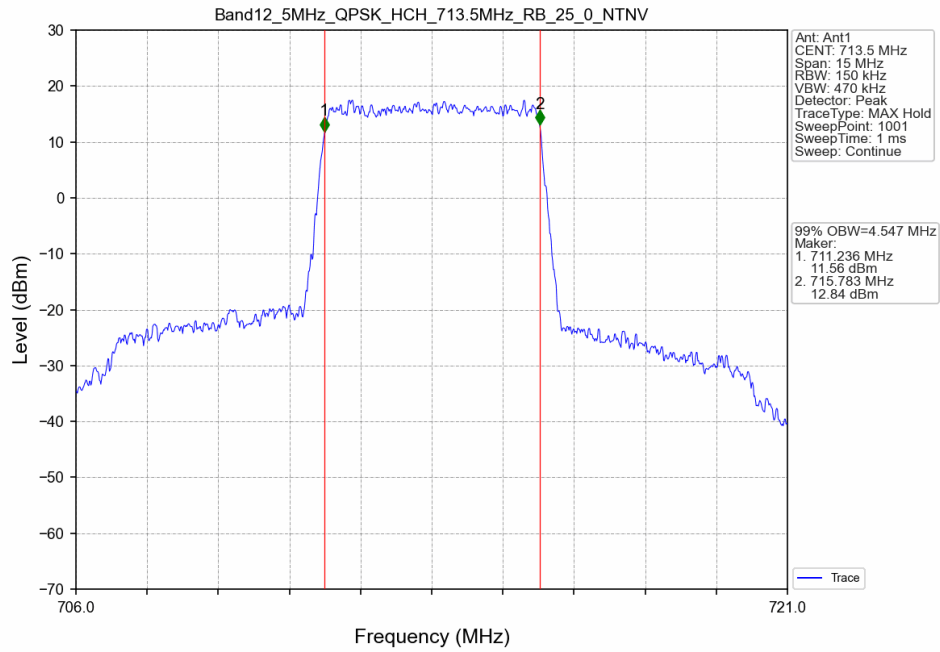
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



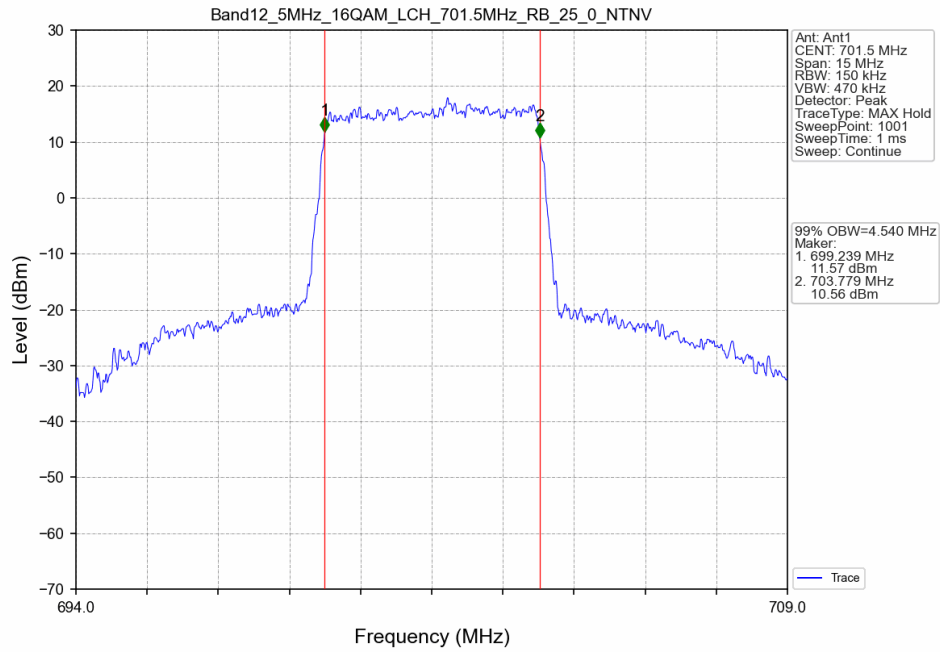
Band12 5MHz QPSK MCH 707.5MHz RB 25 0 NTNV



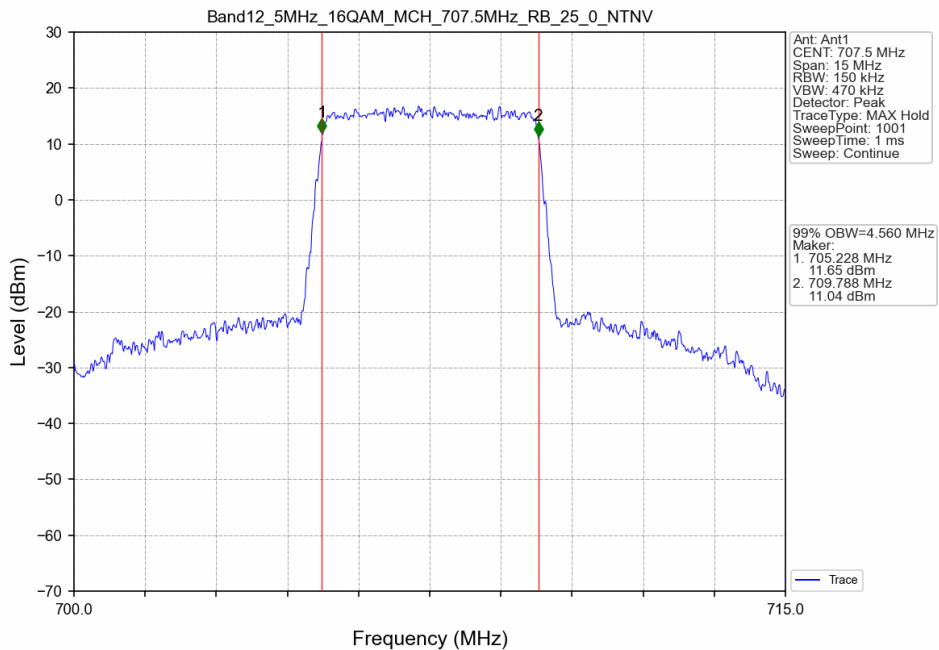
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



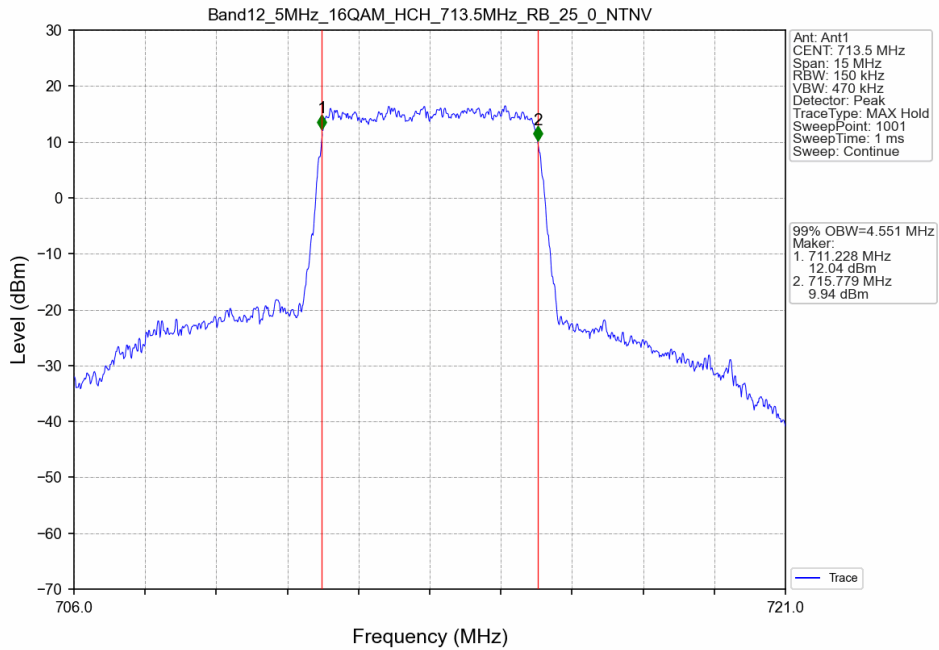
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



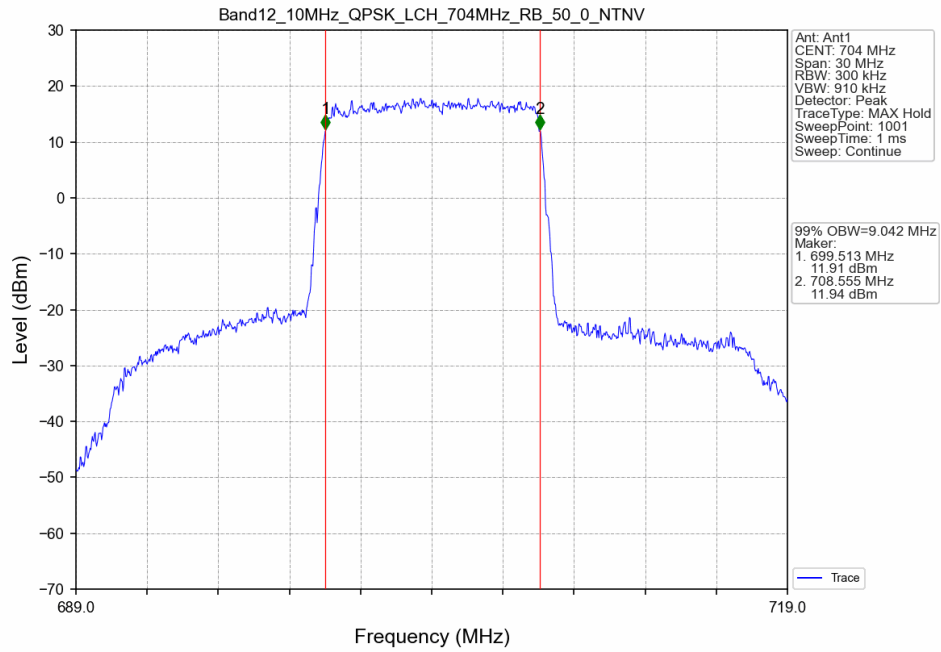
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTV



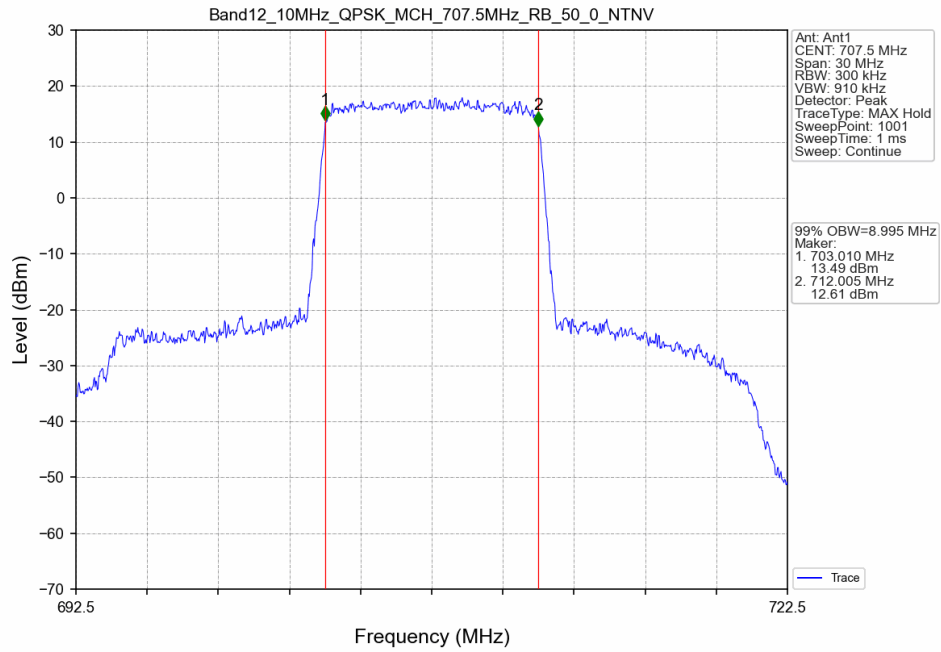
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV



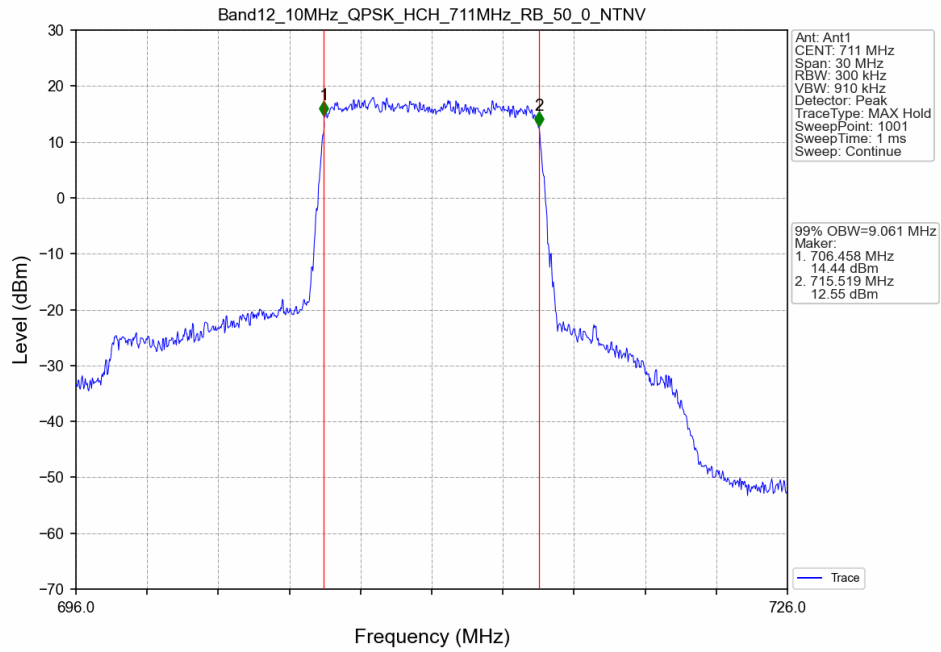
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



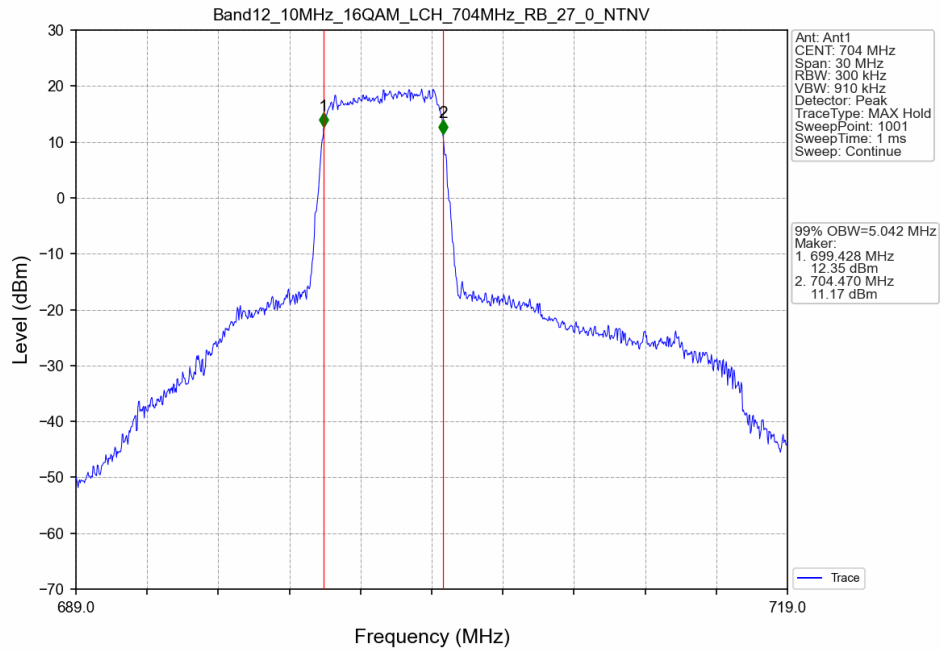
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



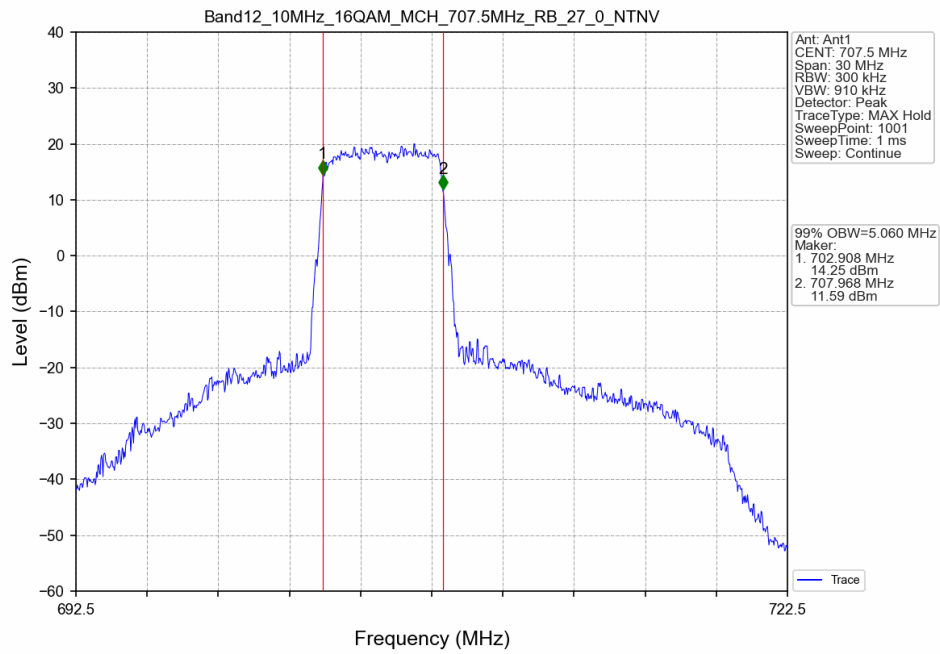
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



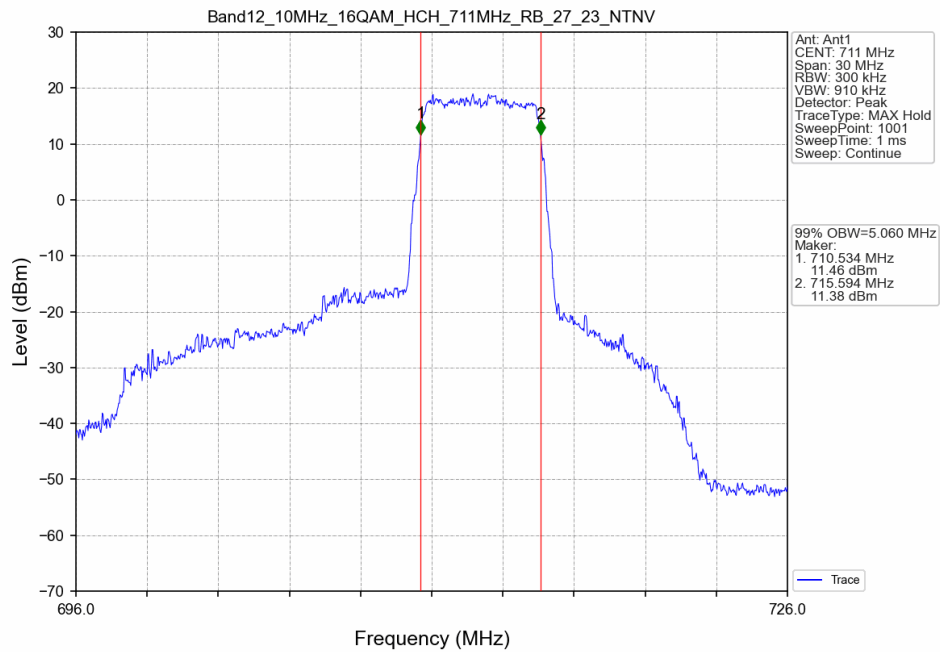
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV

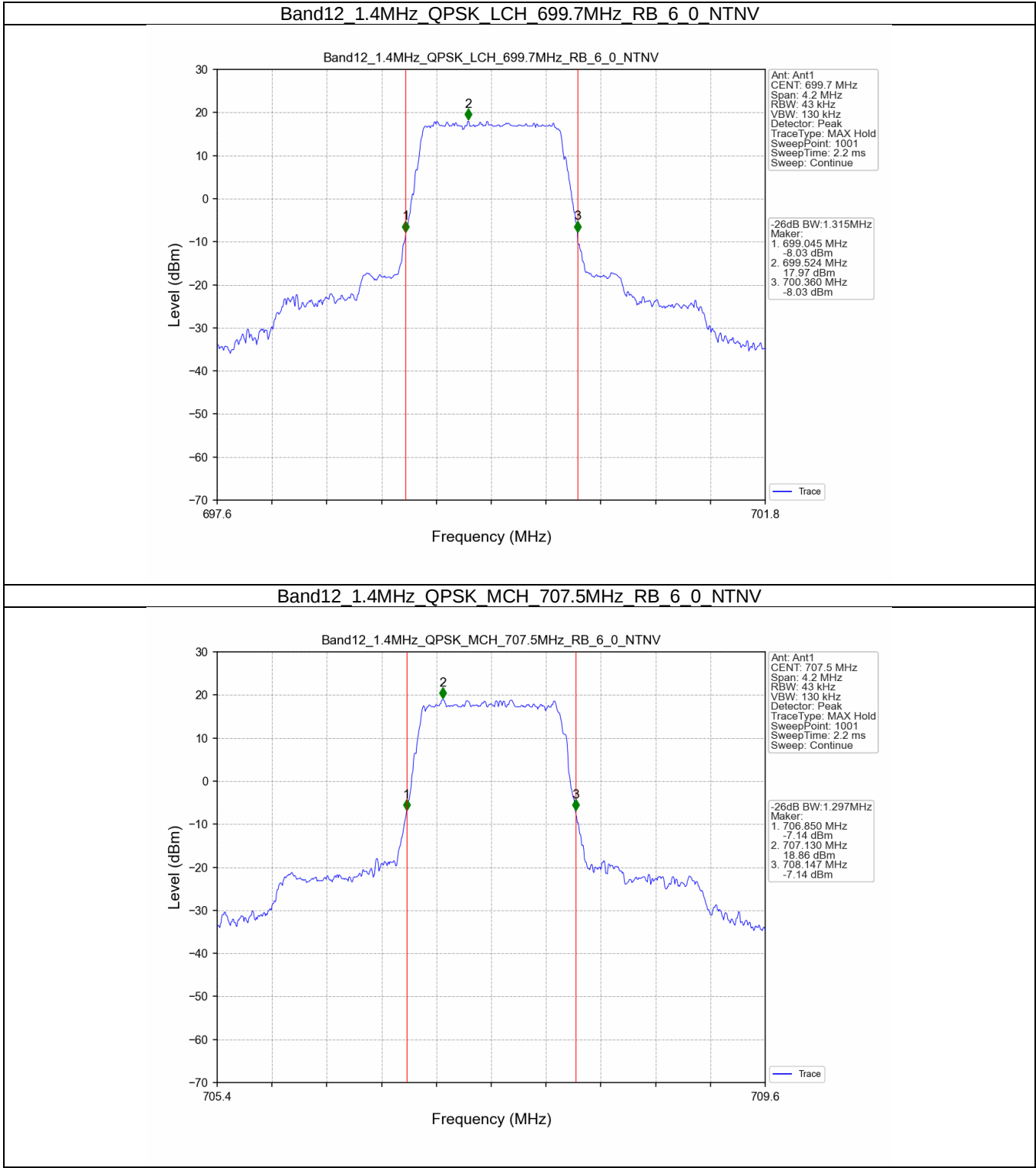


1.2 Band12_XDB

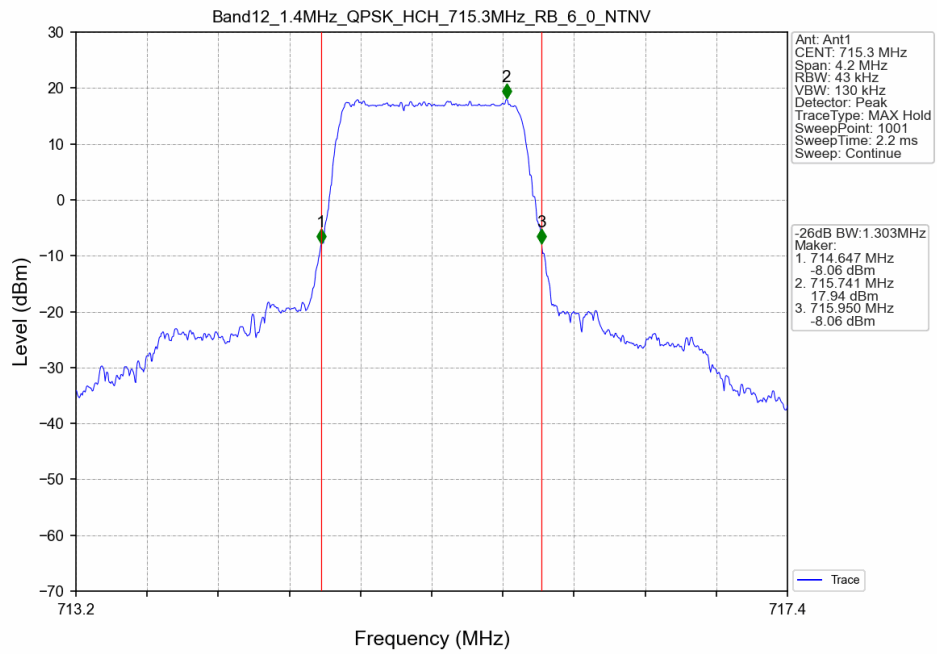
1.2.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.315	/	Pass
		707.5	6	0	1.297	/	Pass
		715.3	6	0	1.303	/	Pass
	16QAM	699.7	6	0	1.274	/	Pass
		707.5	6	0	1.303	/	Pass
		715.3	6	0	1.277	/	Pass
3	QPSK	700.5	15	0	3.029	/	Pass
		707.5	15	0	3.002	/	Pass
		714.5	15	0	3.026	/	Pass
	16QAM	700.5	15	0	2.998	/	Pass
		707.5	15	0	2.998	/	Pass
		714.5	15	0	3.029	/	Pass
5	QPSK	701.5	25	0	5.030	/	Pass
		707.5	25	0	5.040	/	Pass
		713.5	25	0	5.017	/	Pass
	16QAM	701.5	25	0	5.021	/	Pass
		707.5	25	0	5.023	/	Pass
		713.5	25	0	5.060	/	Pass
10	QPSK	704	50	0	9.972	/	Pass
		707.5	50	0	9.962	/	Pass
		711	50	0	9.841	/	Pass
	16QAM	704	27	0	5.808	/	Pass
		707.5	27	0	5.855	/	Pass
		711	27	23	5.883	/	Pass

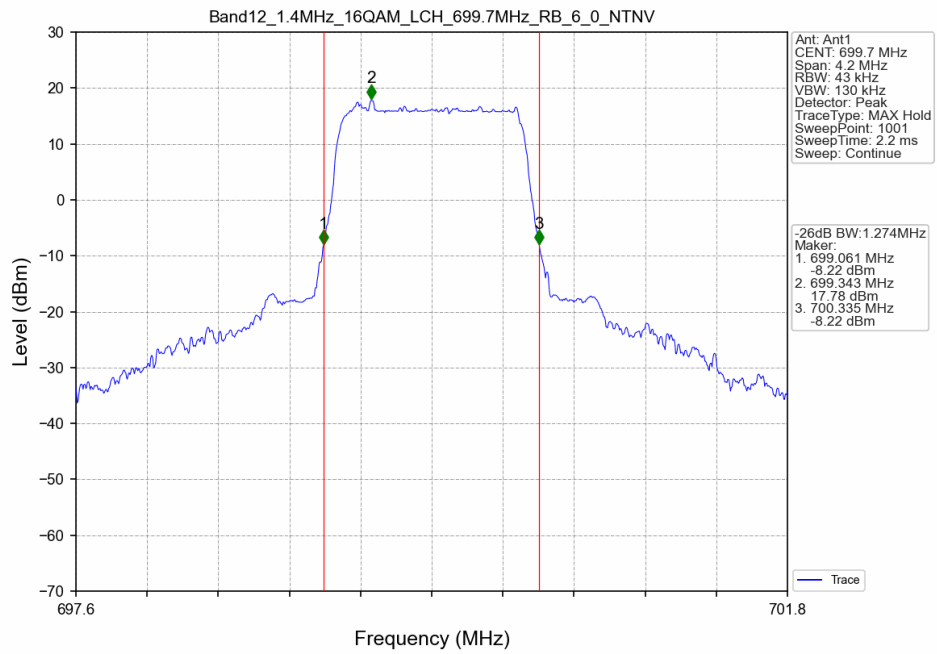
1.2.2 Test Graph



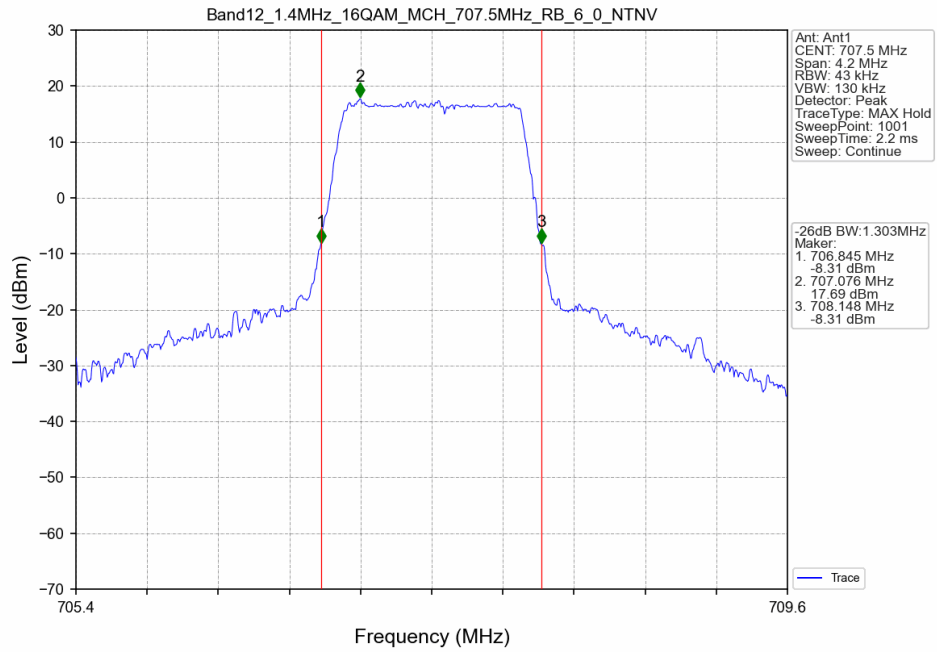
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



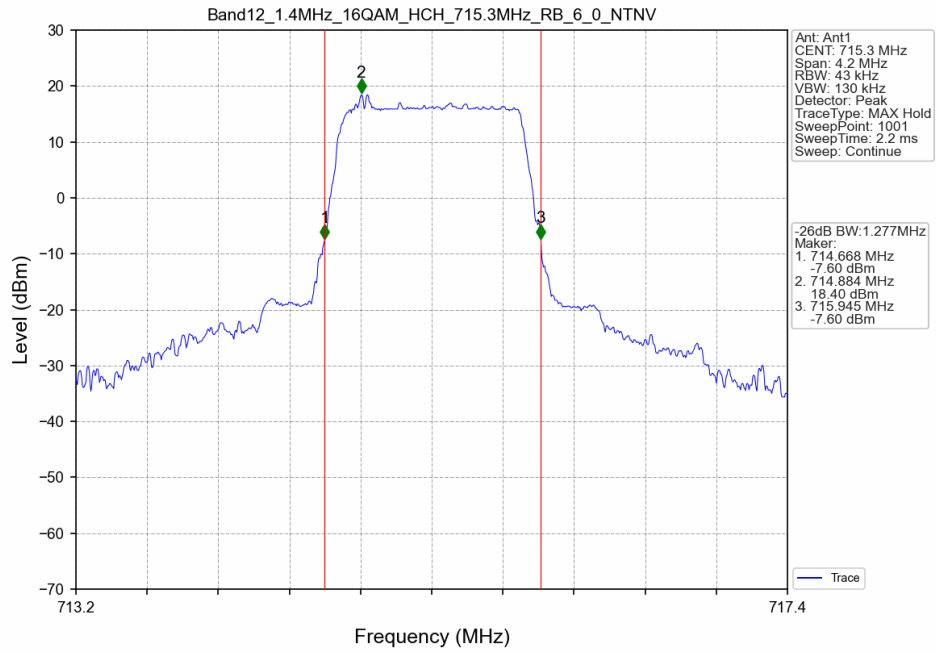
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



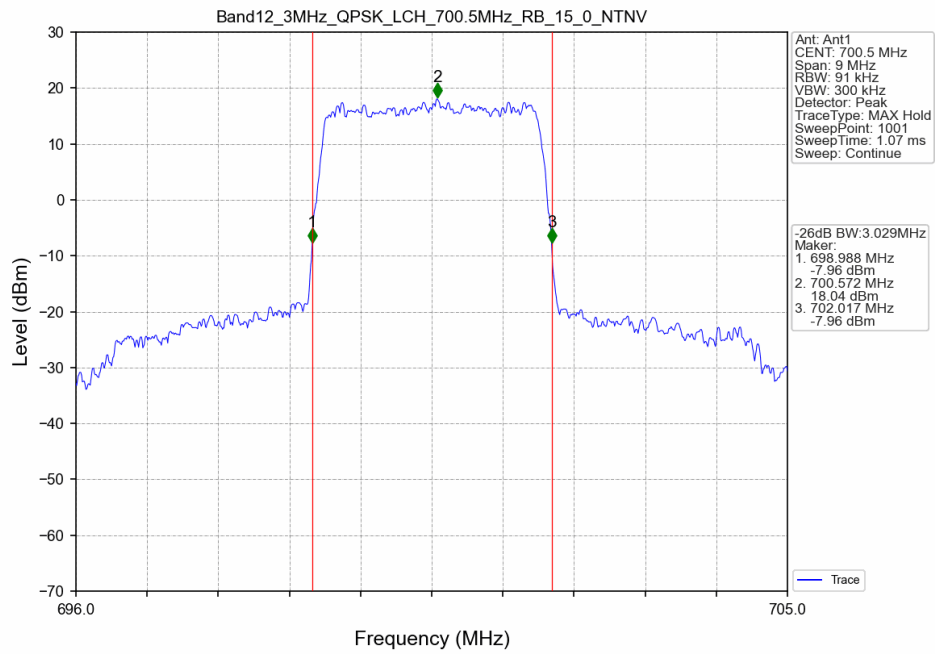
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTV



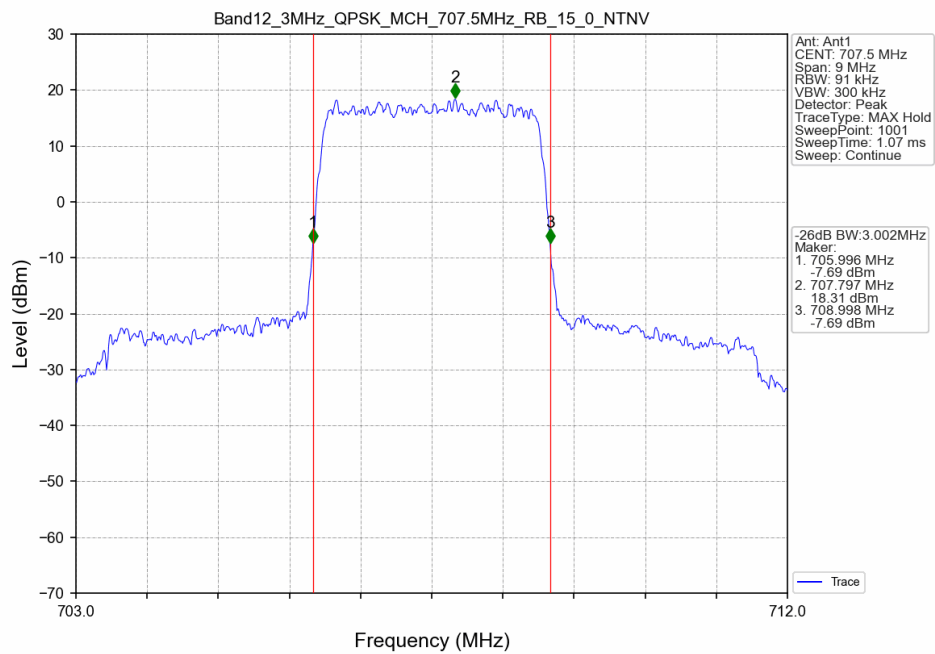
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTV



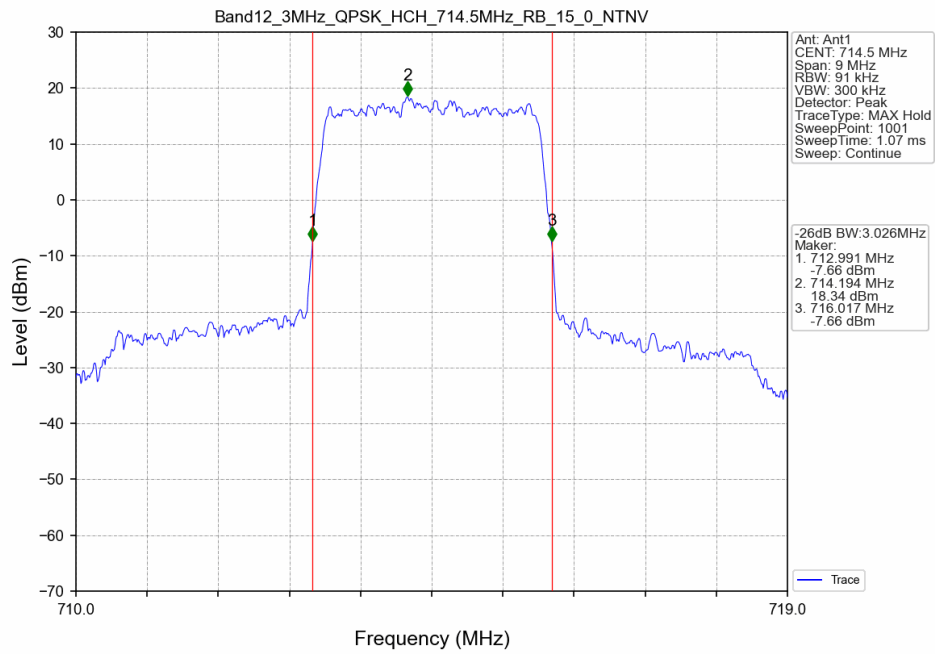
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



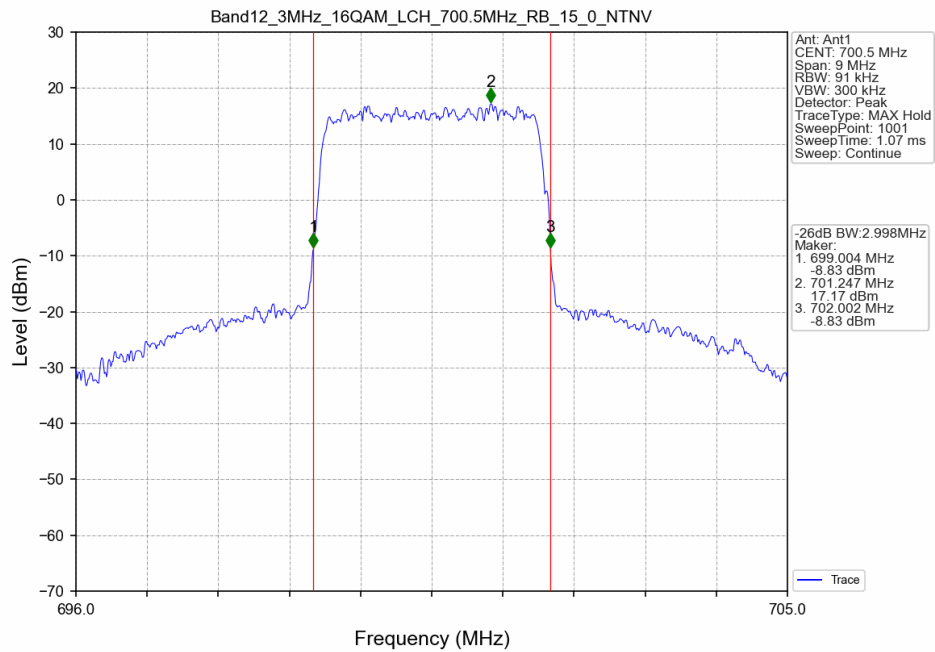
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



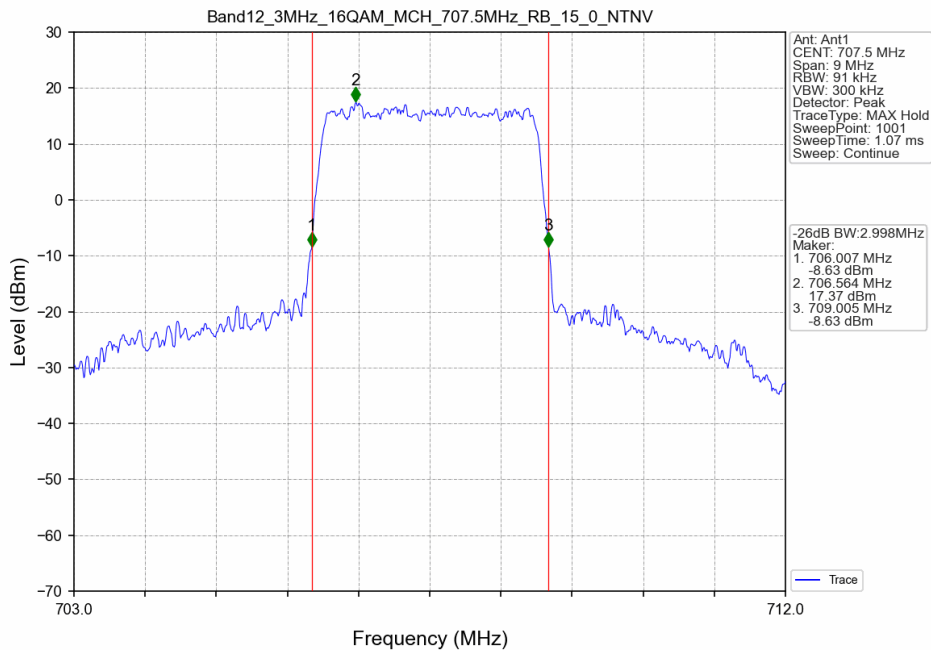
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



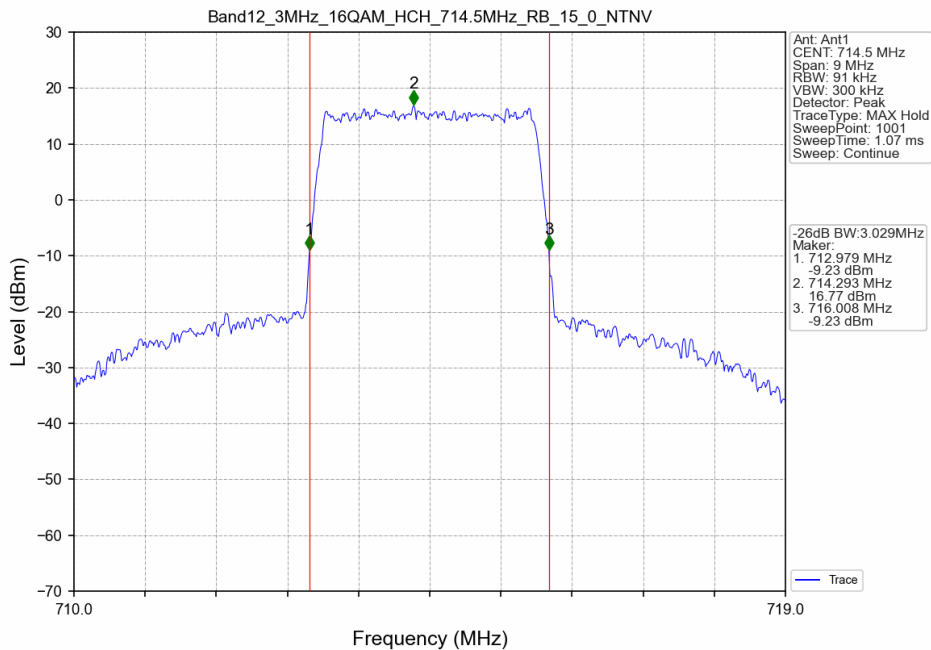
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



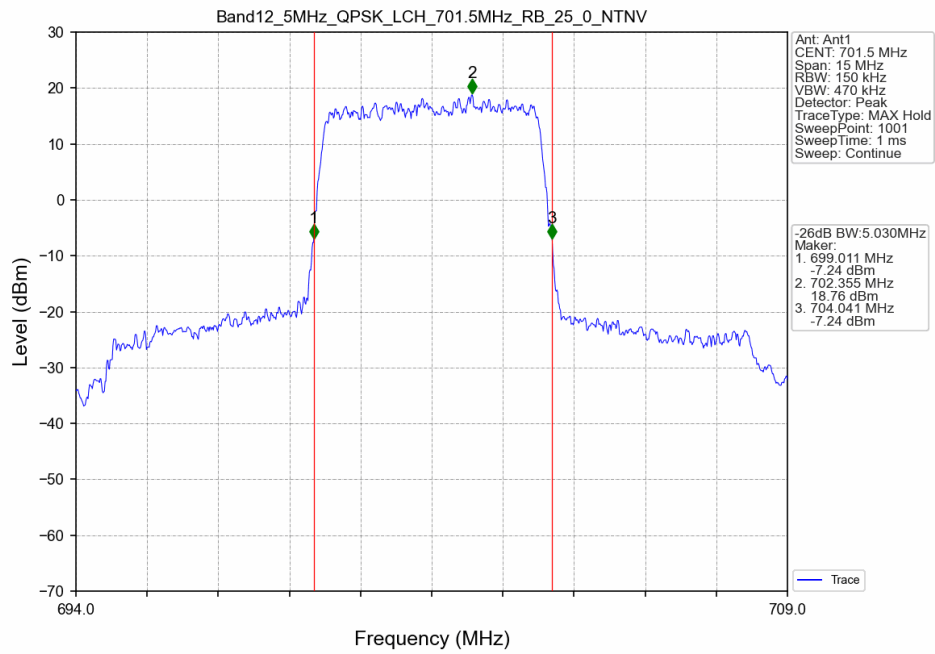
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



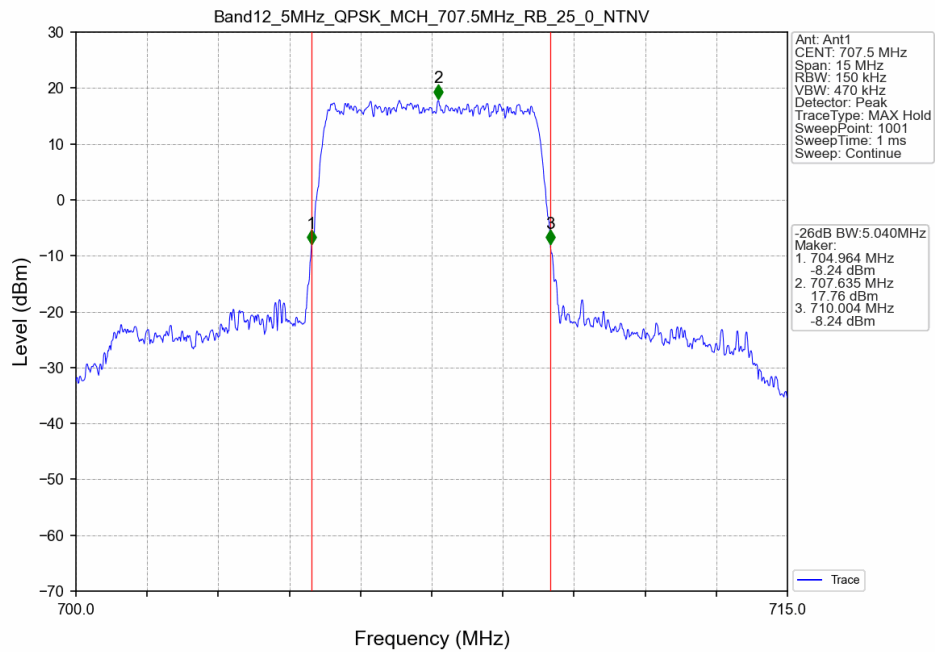
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



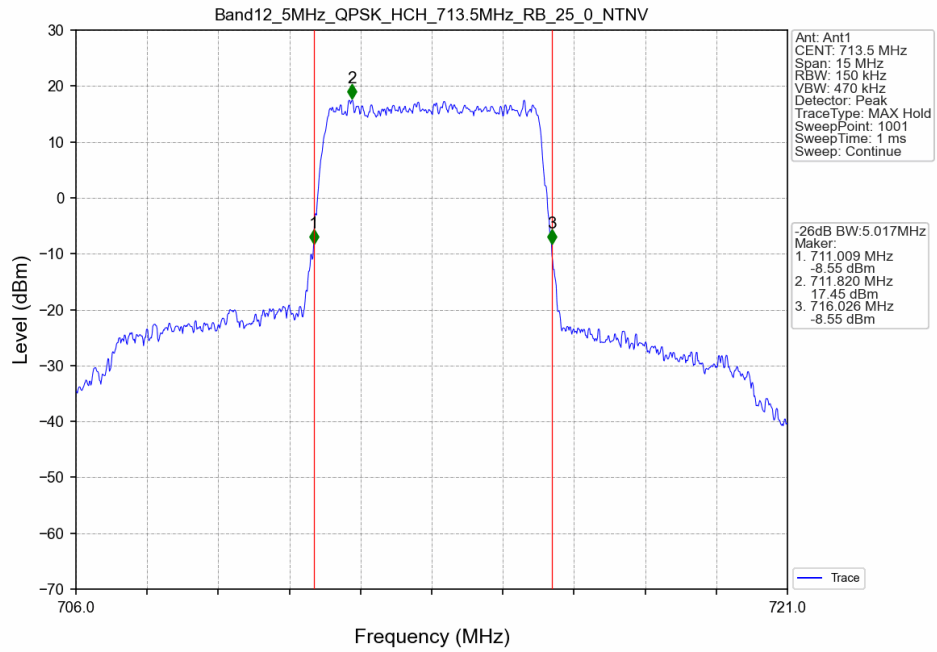
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



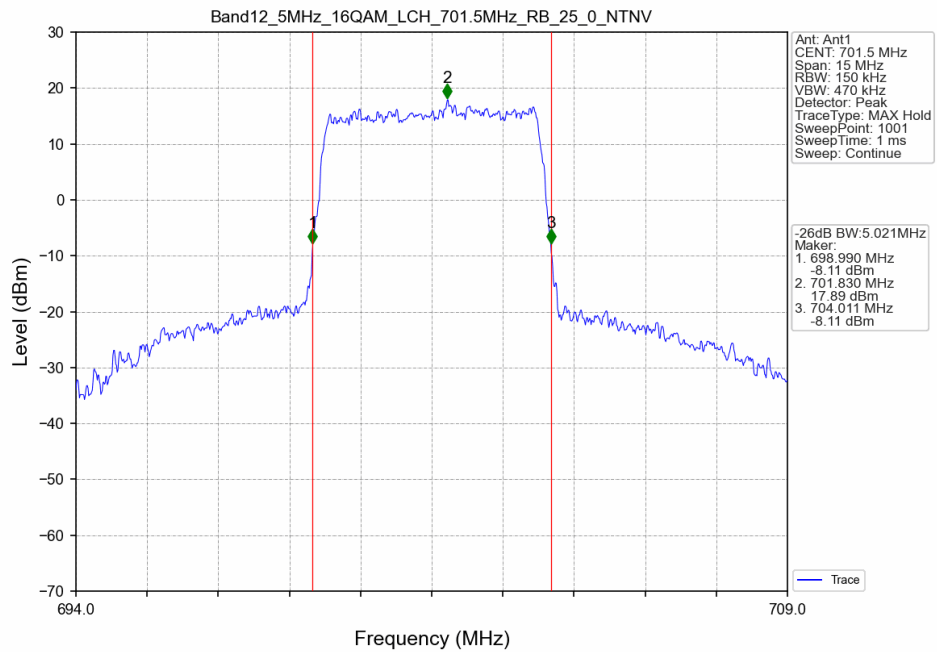
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



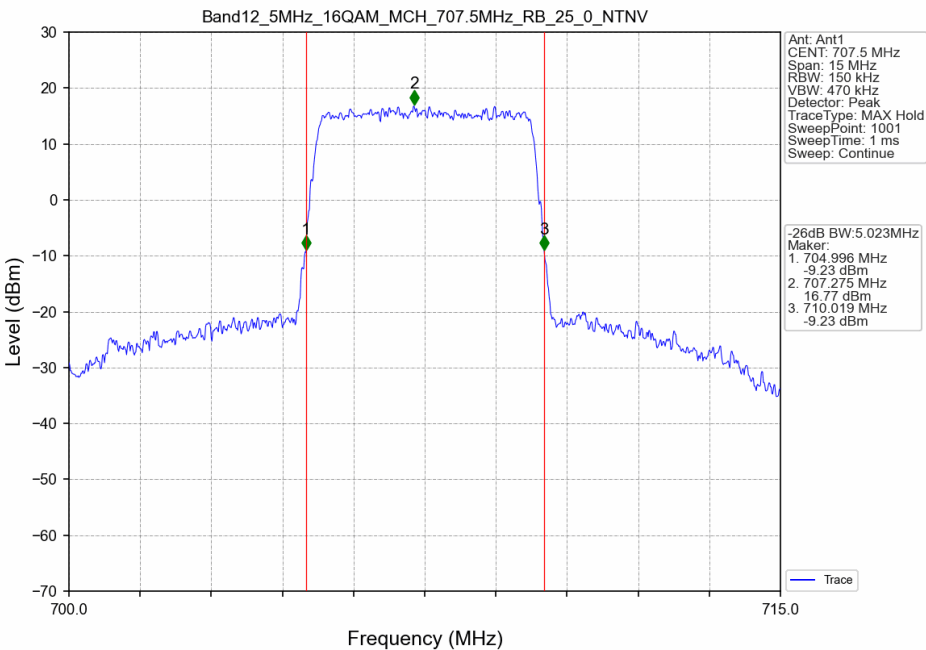
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



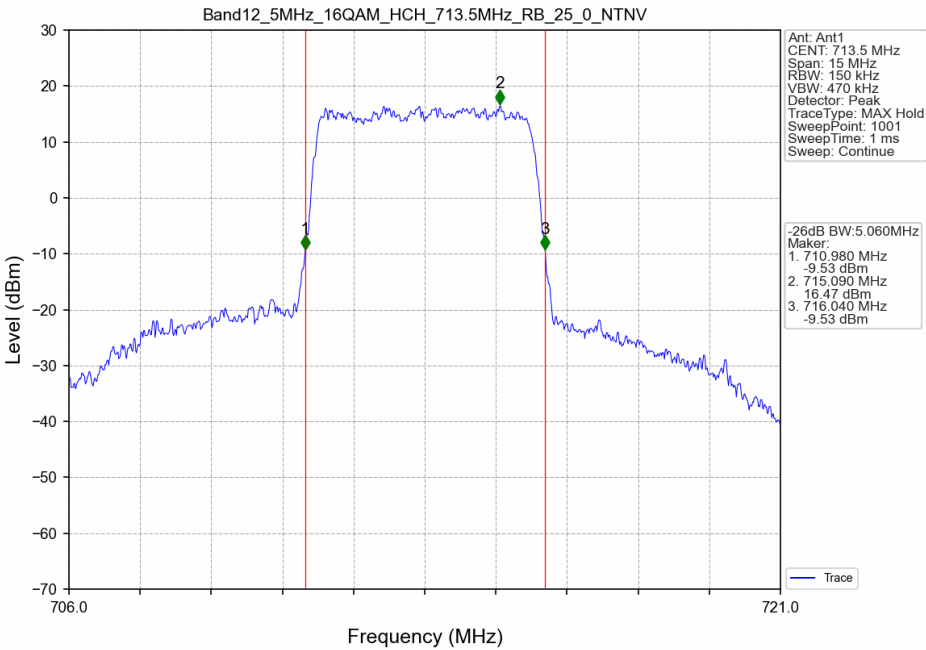
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



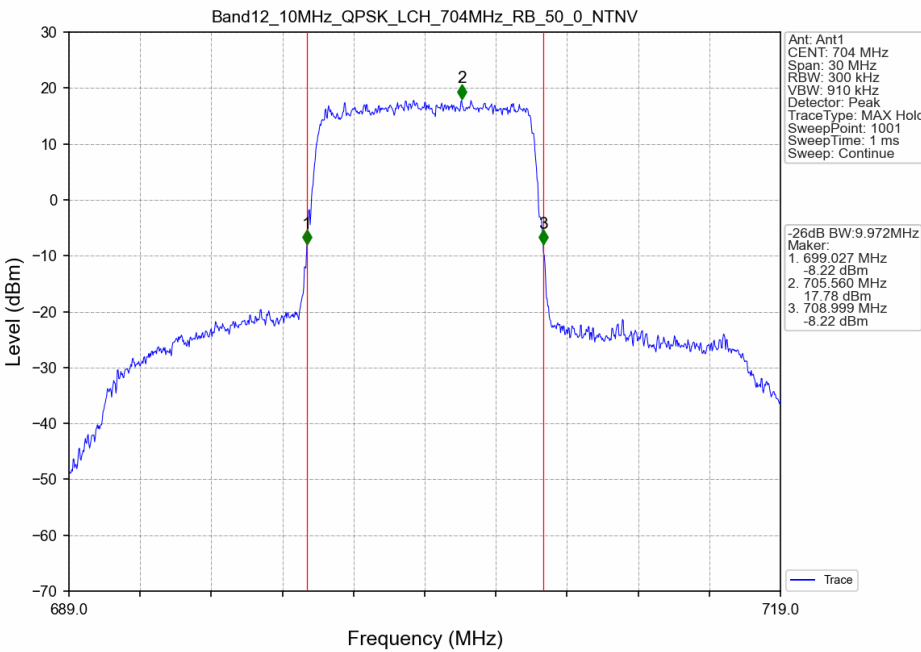
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTV



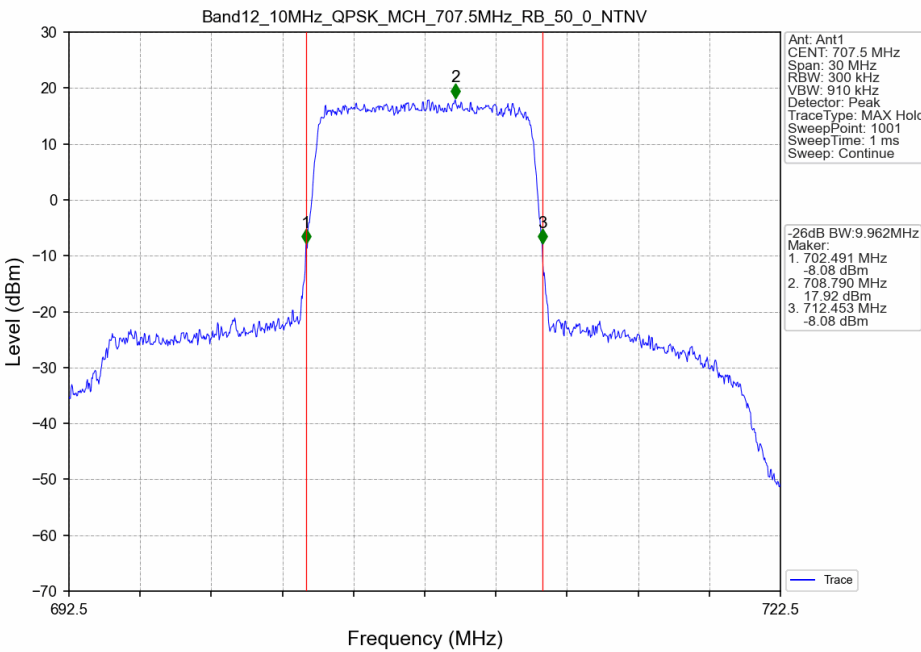
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV



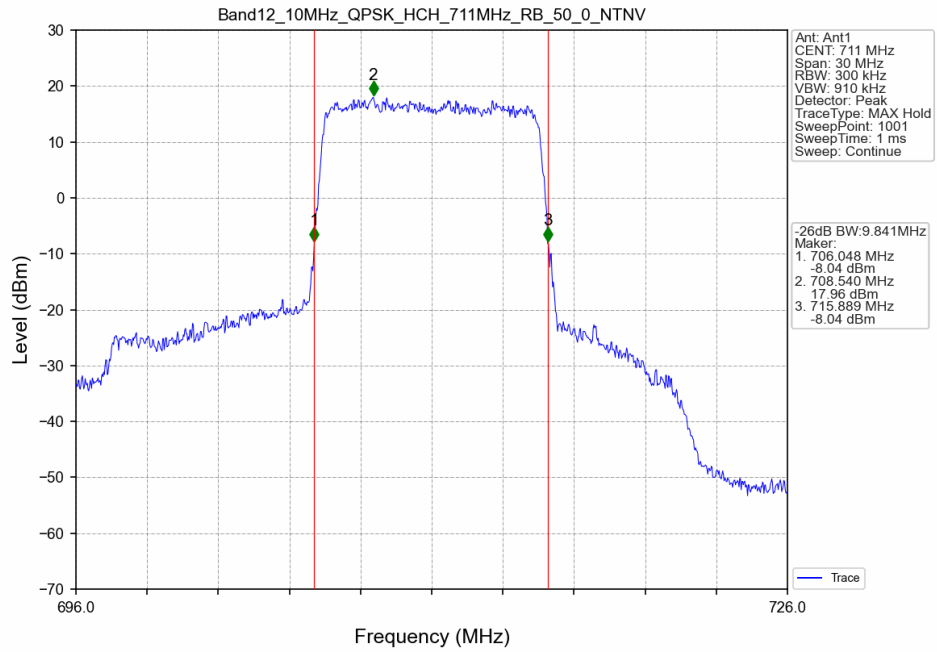
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



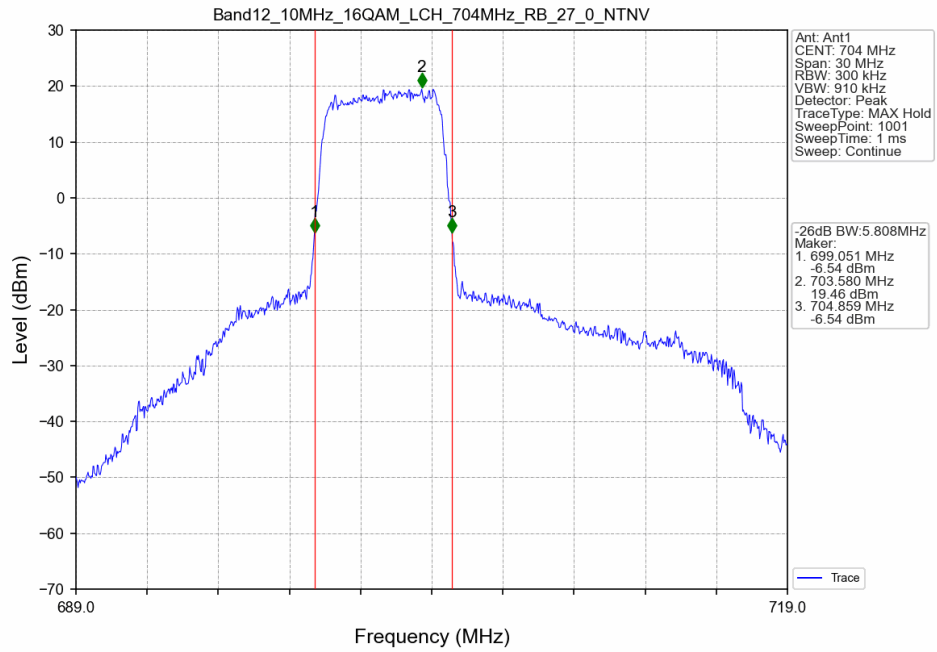
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



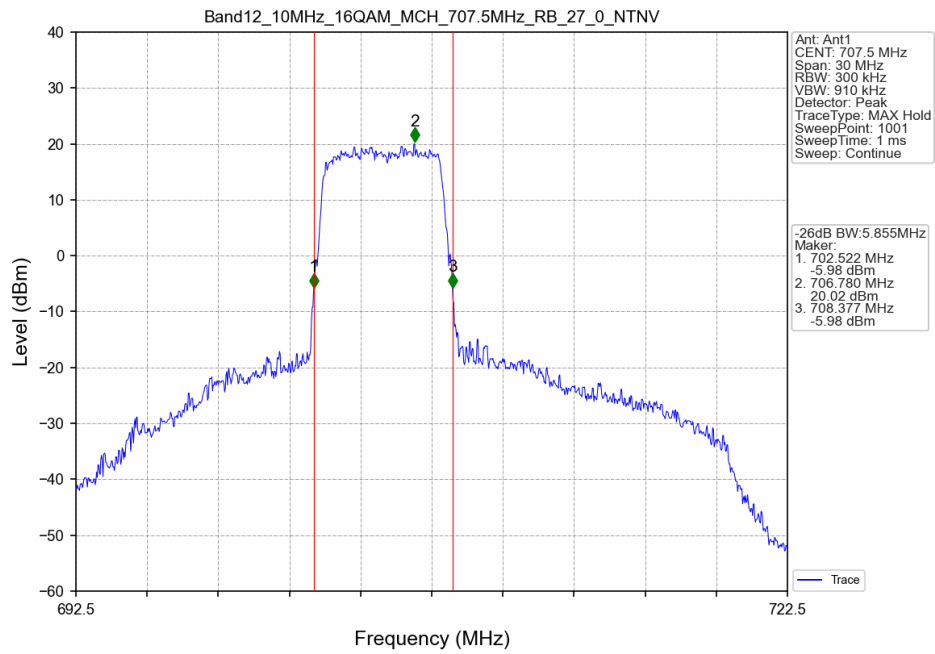
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



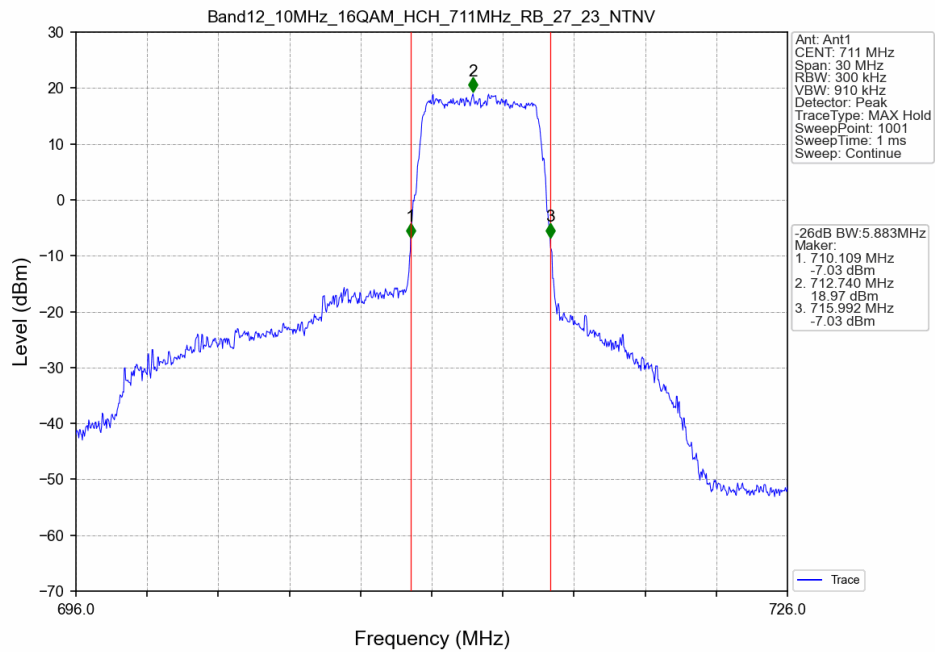
Band12_10MHz_16QAM_LCH_704MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_27_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



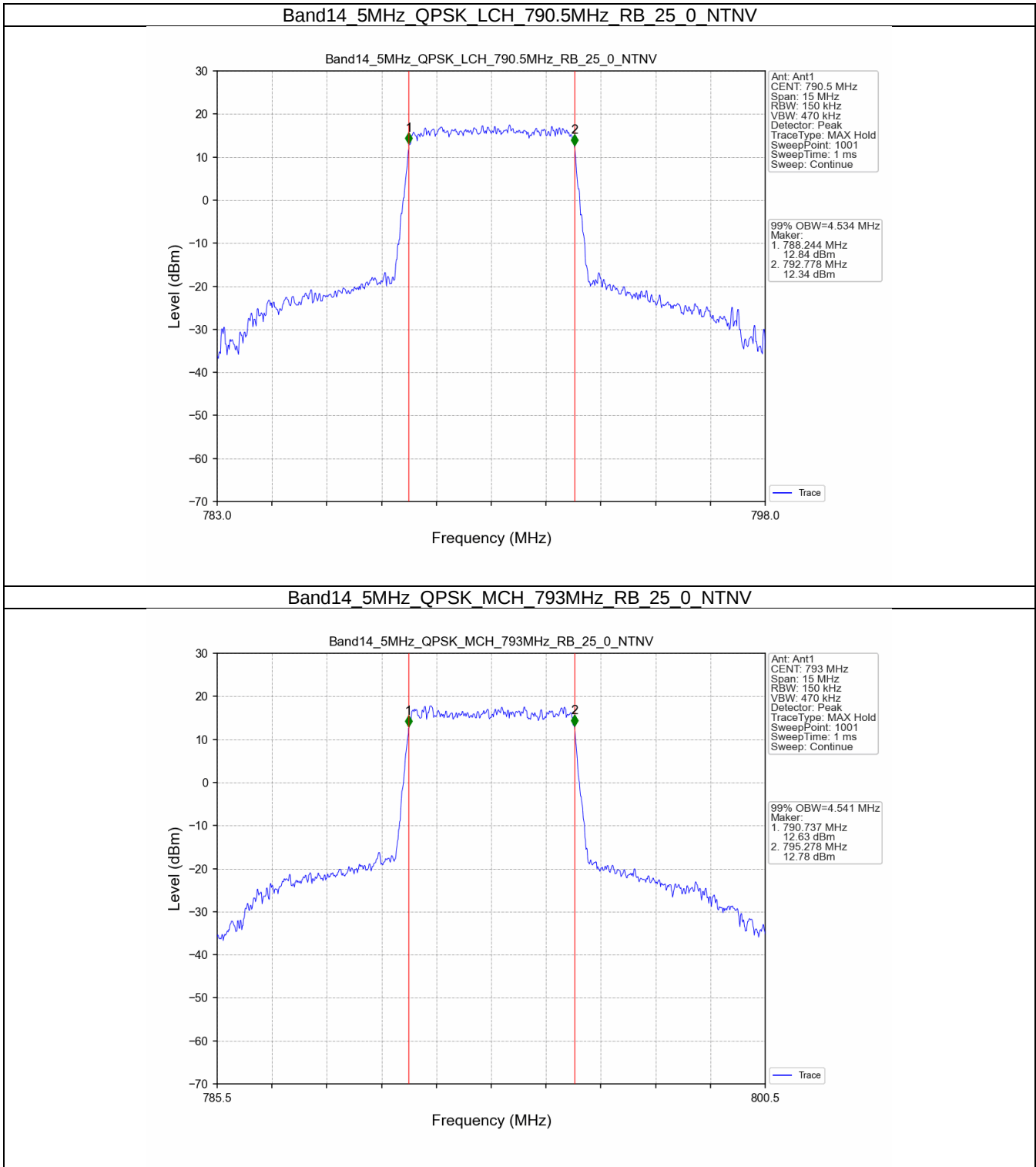
2. 99% & 26dB Bandwidth

2.1 Band14_OBW

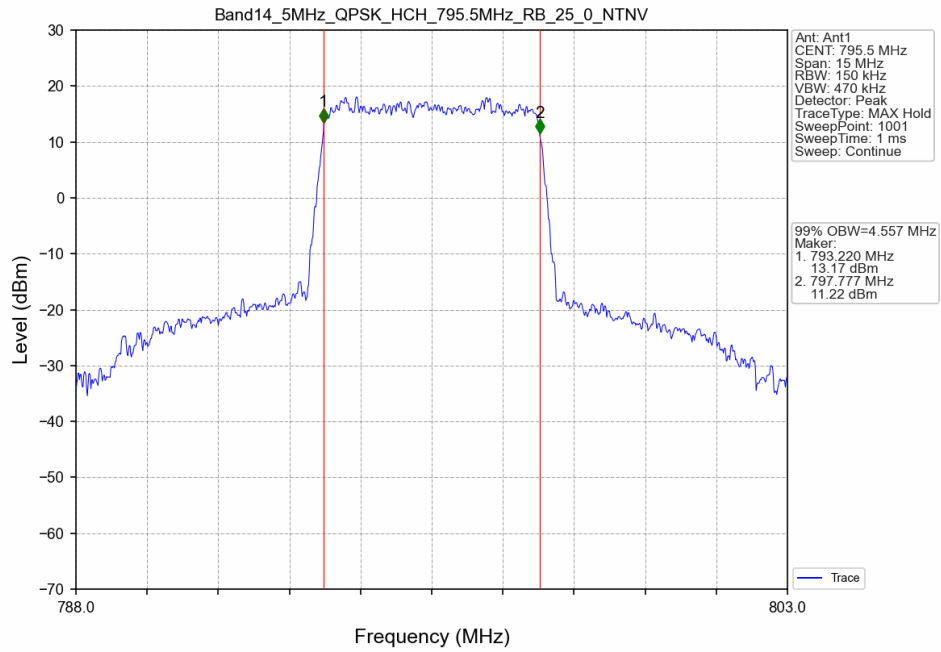
2.1.1 Test Result

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	4.534	/	Pass
		793	25	0	4.541	/	Pass
		795.5	25	0	4.557	/	Pass
	16QAM	790.5	25	0	4.563	/	Pass
		793	25	0	4.542	/	Pass
		795.5	25	0	4.532	/	Pass
10	QPSK	793	50	0	9.056	/	Pass
	16QAM	793	27	0	5.069	/	Pass

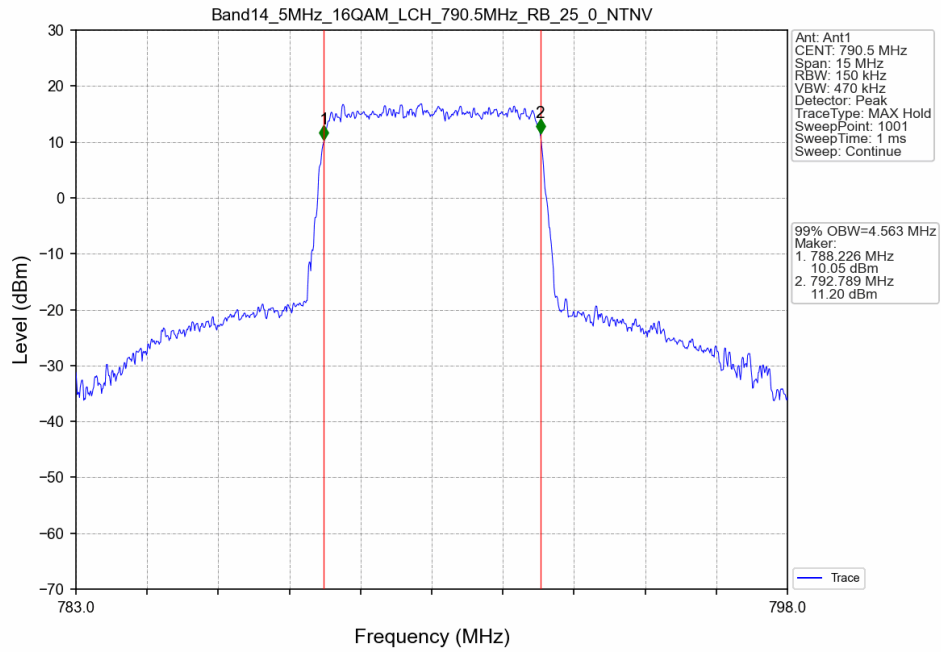
2.1.2 Test Graph



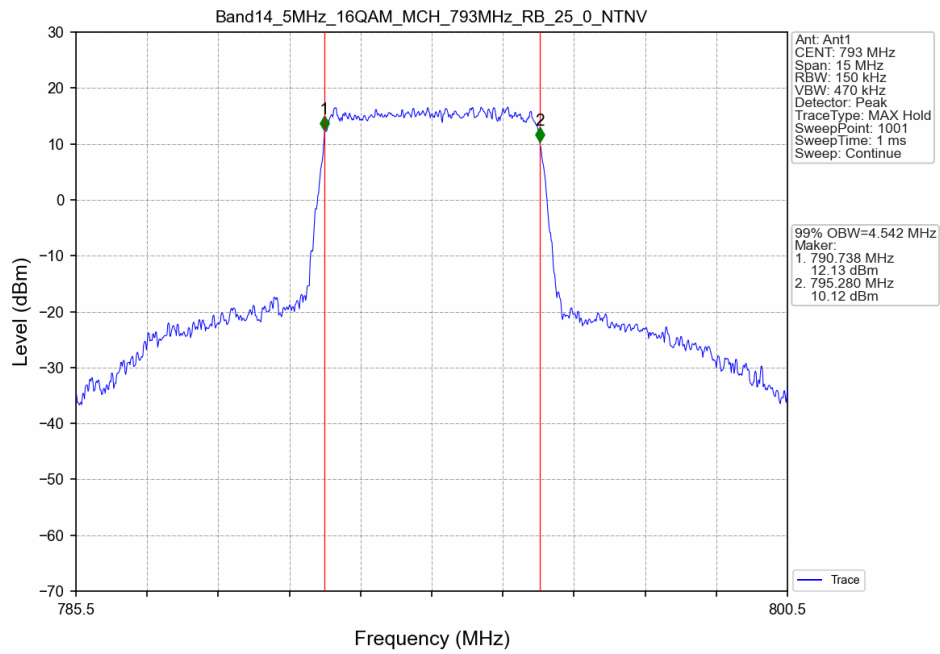
Band14 5MHz QPSK HCH 795.5MHz RB 25 0 NTN



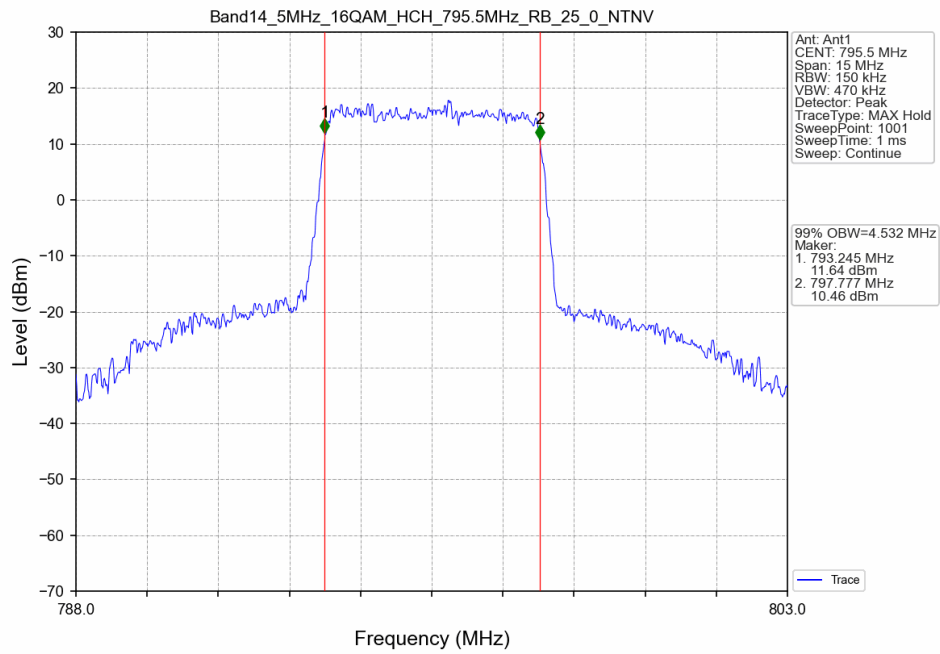
Band14 5MHz 16QAM LCH 790.5MHz RB 25 0 NTN



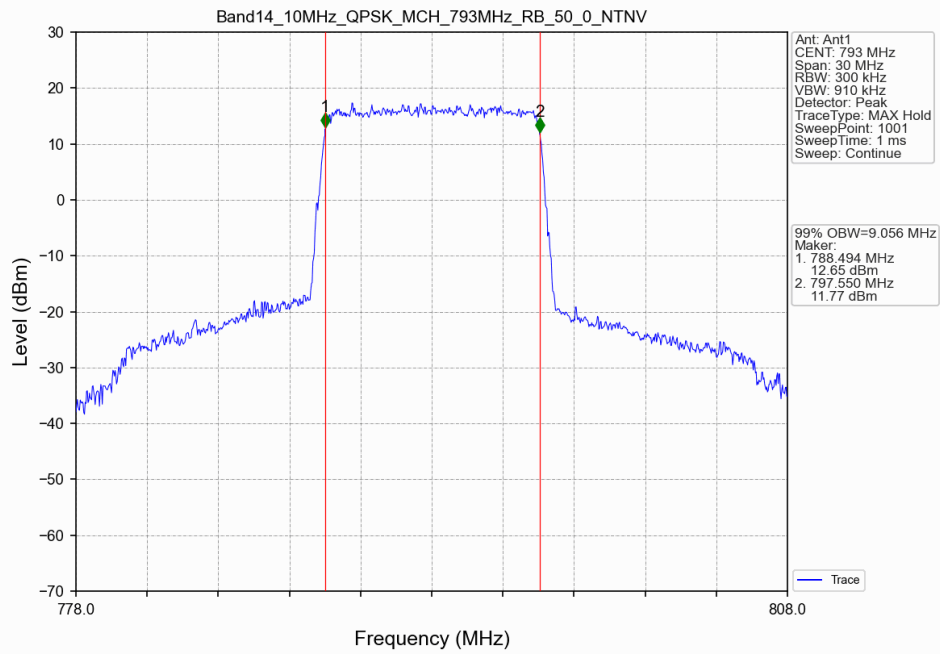
Band14 5MHz 16QAM MCH 793MHz RB 25 0 NTV



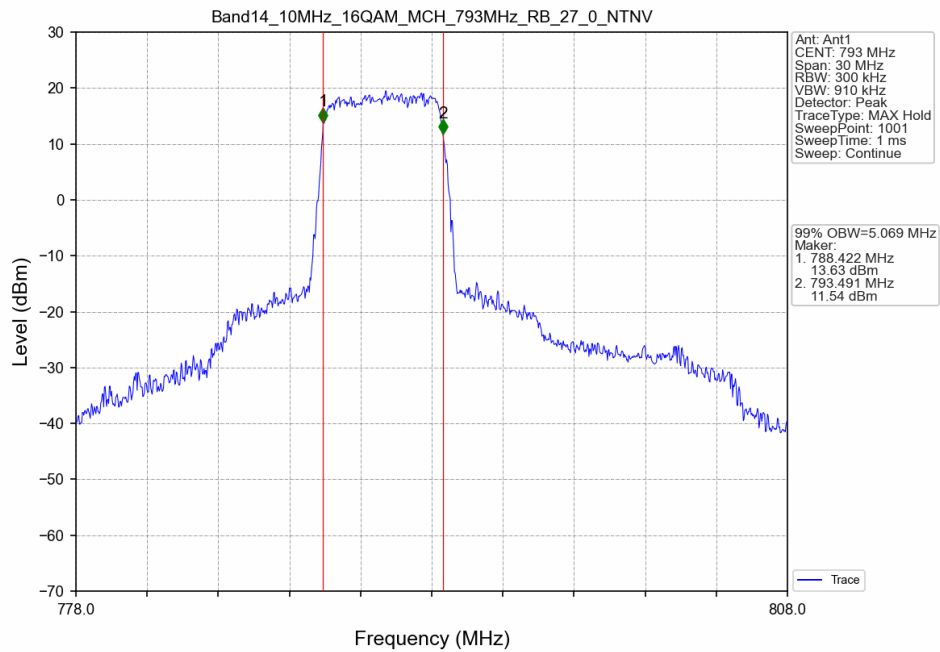
Band14 5MHz 16QAM HCH 795.5MHz RB 25 0 NTV



Band14 10MHz QPSK MCH 793MHz RB 50 0 NTNV



Band14 10MHz 16QAM MCH 793MHz RB 27 0 NTNV

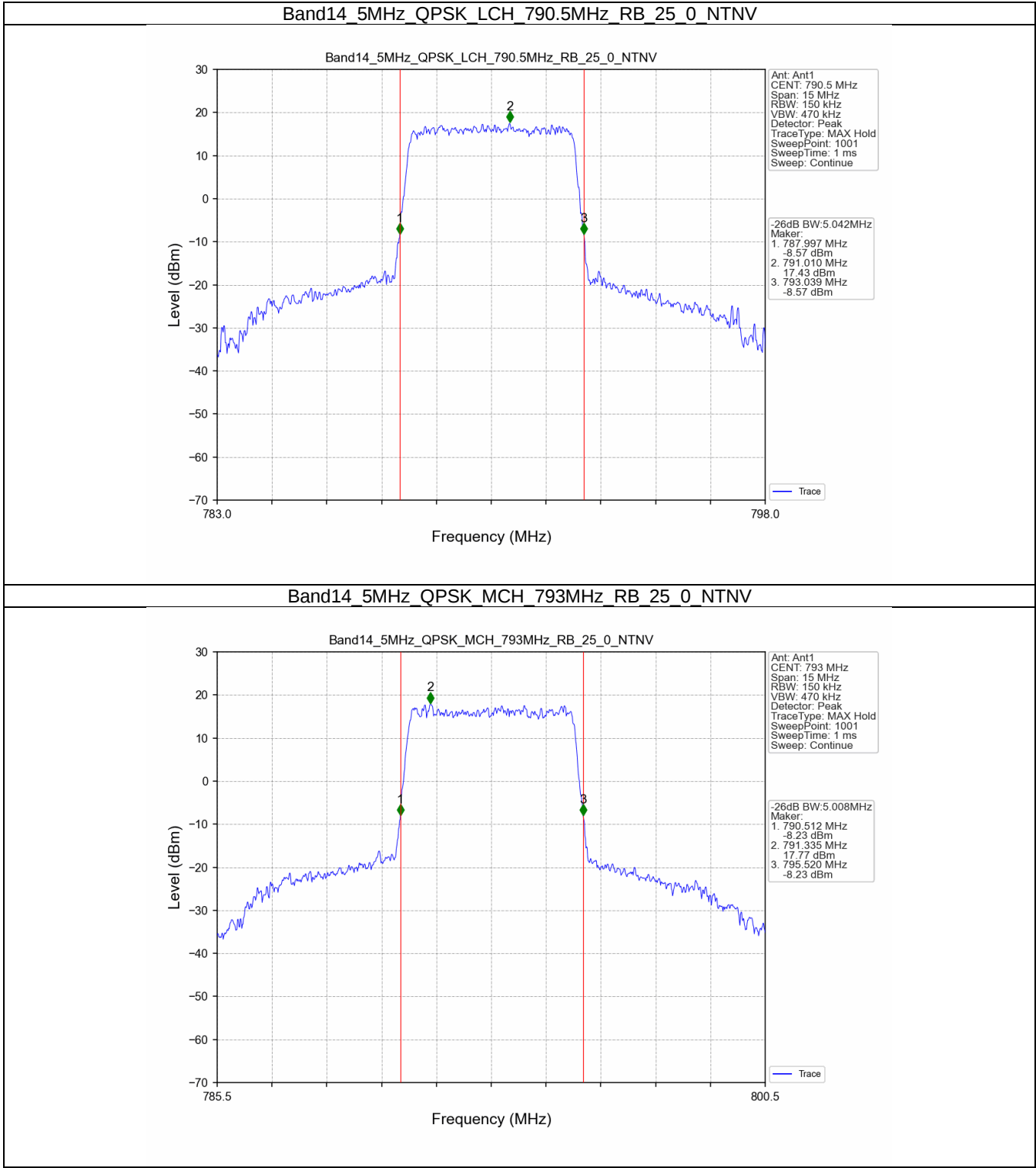


2.2 Band14_XDB

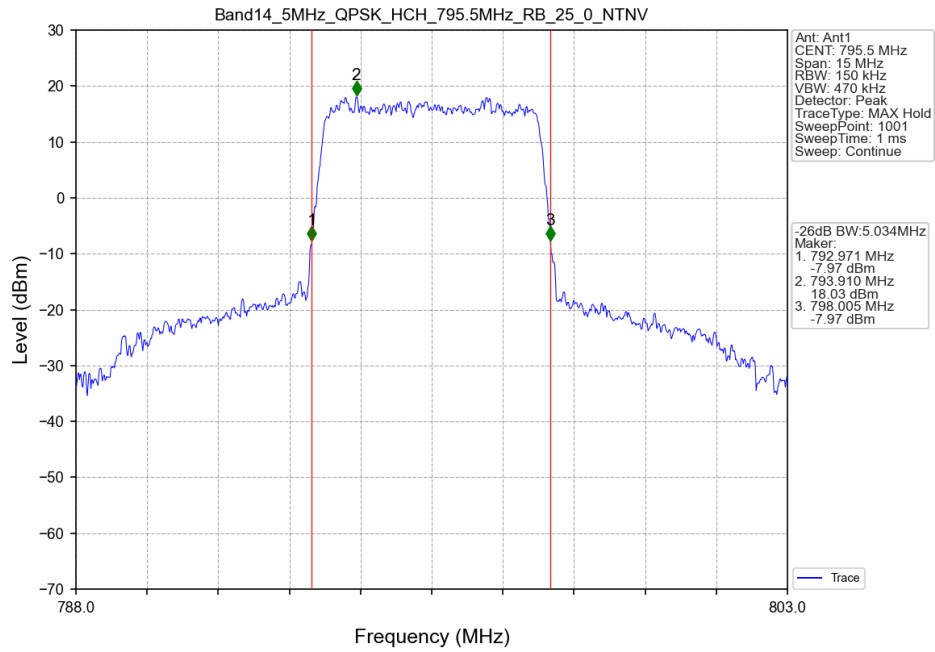
2.2.1 Test Result

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	5.042	/	Pass
		793	25	0	5.008	/	Pass
		795.5	25	0	5.034	/	Pass
	16QAM	790.5	25	0	5.032	/	Pass
		793	25	0	5.099	/	Pass
		795.5	25	0	5.037	/	Pass
10	QPSK	793	50	0	9.931	/	Pass
	16QAM	793	27	0	5.885	/	Pass

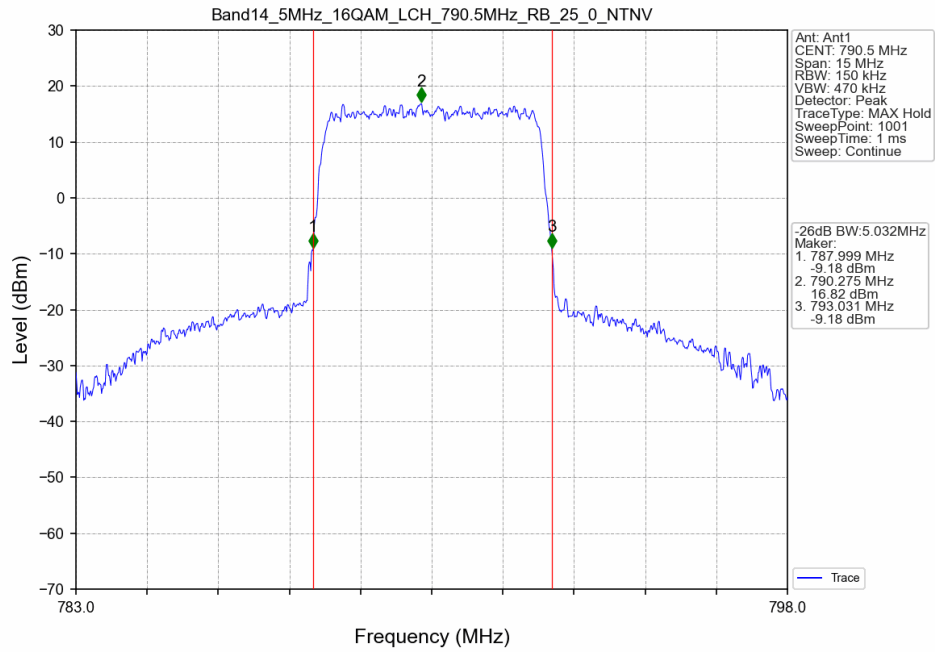
2.2.2 Test Graph



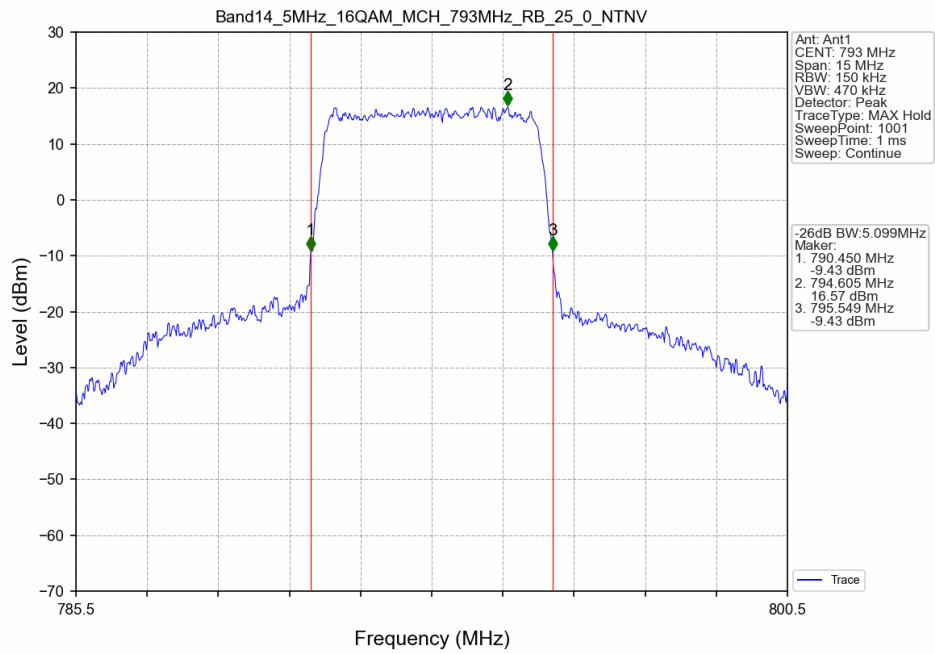
Band14 5MHz QPSK HCH 795.5MHz RB 25 0 NTNV



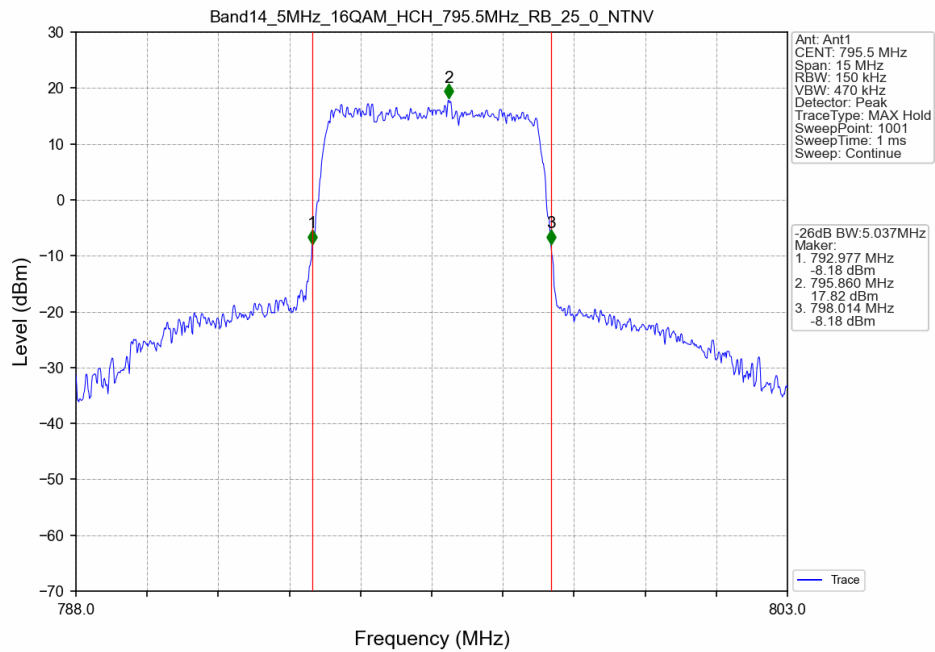
Band14 5MHz 16QAM LCH 790.5MHz RB 25 0 NTNV



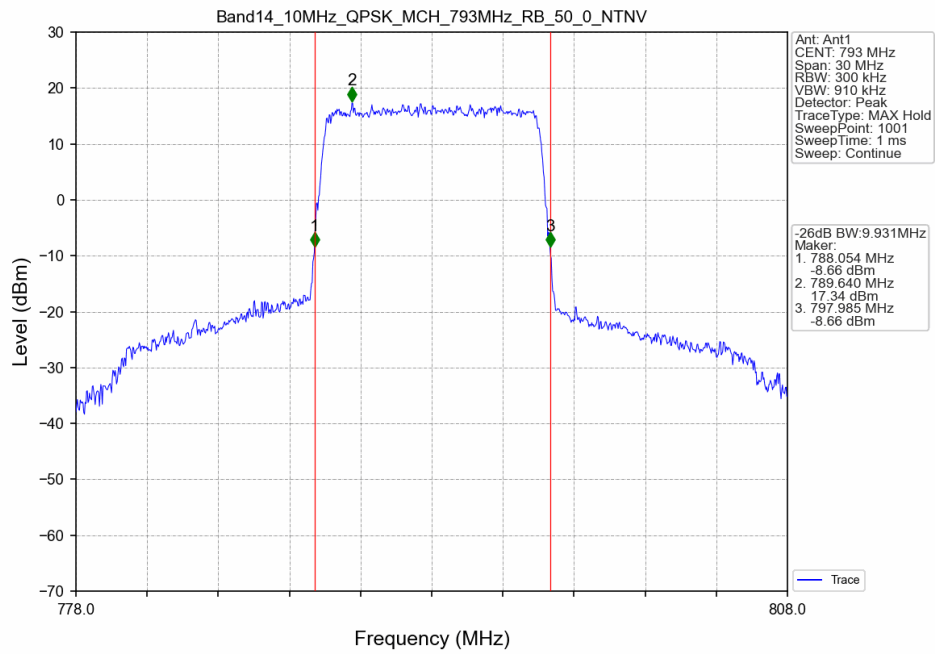
Band14 5MHz 16QAM MCH 793MHz RB 25 0 NTV



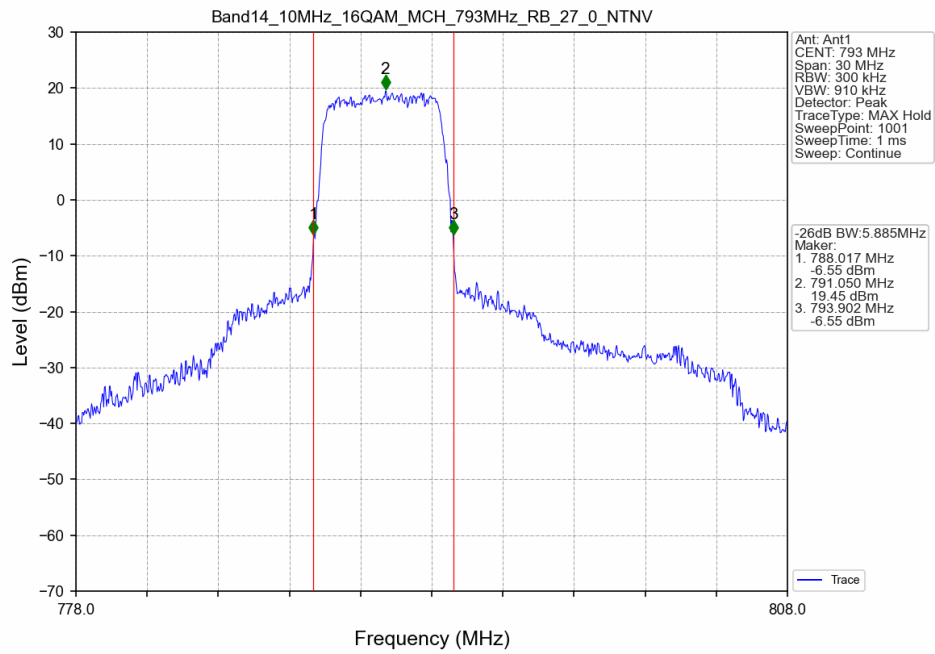
Band14 5MHz 16QAM HCH 795.5MHz RB 25 0 NTV



Band14_10MHz_QPSK_MCH_793MHz_RB_50_0_NTNV



Band14_10MHz_16QAM_MCH_793MHz_RB_27_0_NTNV



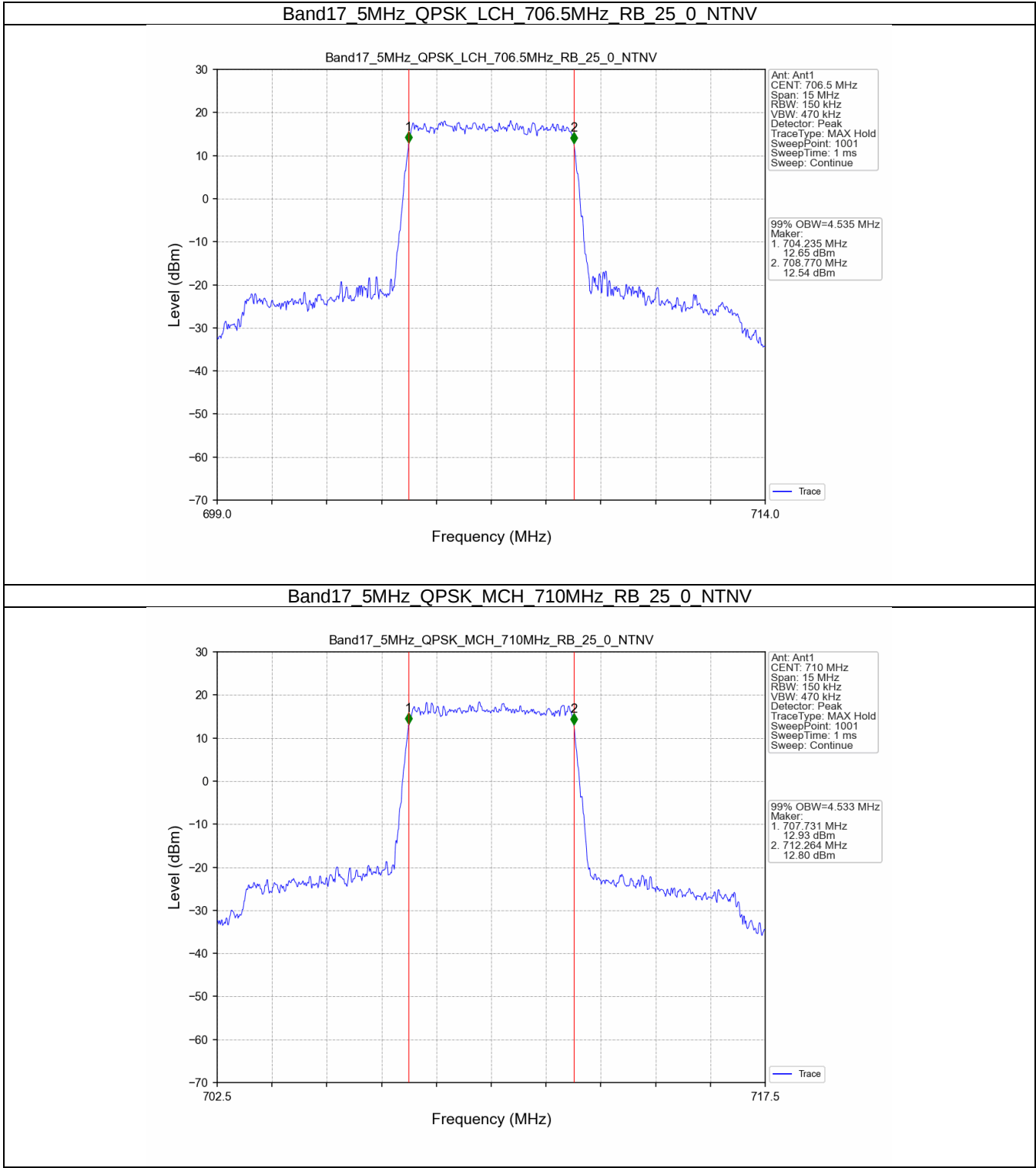
3. 99% & 26dB Bandwidth

3.1 Band17_OBW

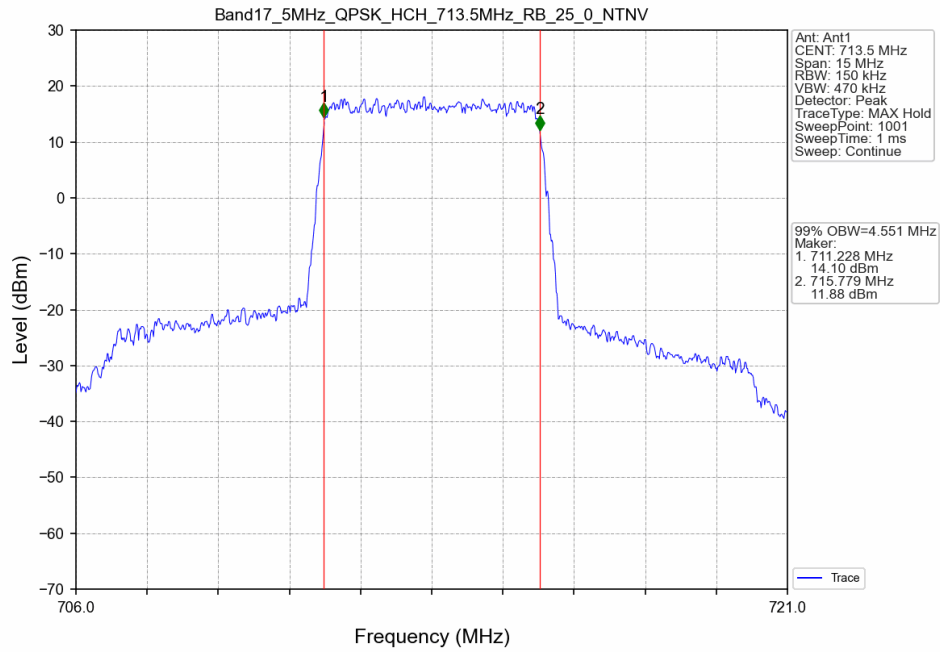
3.1.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.535	/	Pass
		710	25	0	4.533	/	Pass
		713.5	25	0	4.551	/	Pass
	16QAM	706.5	25	0	4.553	/	Pass
		710	25	0	4.548	/	Pass
		713.5	25	0	4.545	/	Pass
10	QPSK	709	50	0	9.037	/	Pass
		710	50	0	9.035	/	Pass
		711	50	0	9.061	/	Pass
	16QAM	709	27	0	5.030	/	Pass
		710	27	0	5.036	/	Pass
		711	27	23	5.045	/	Pass

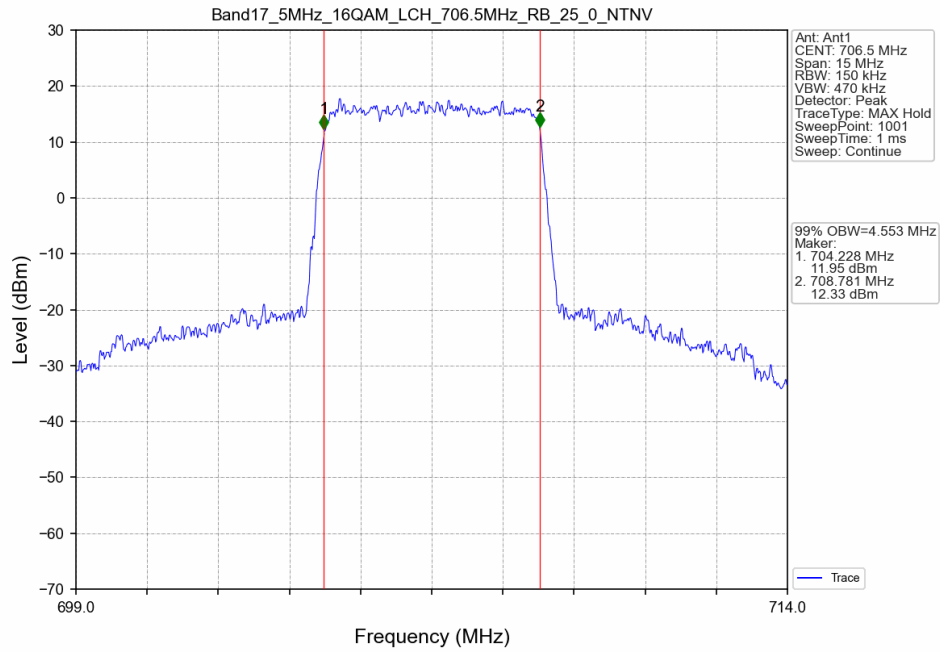
3.1.2 Test Graph



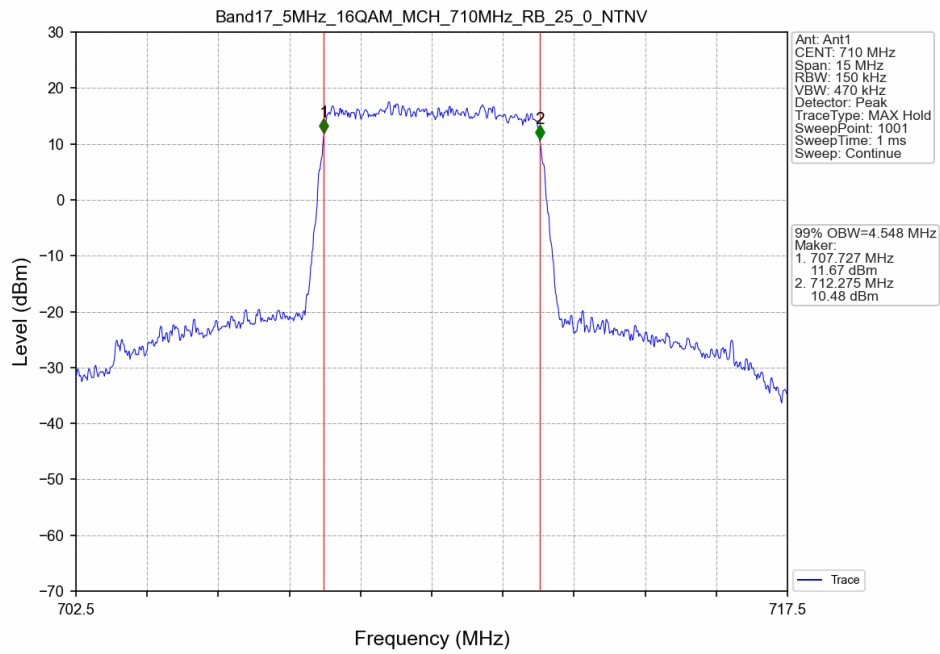
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



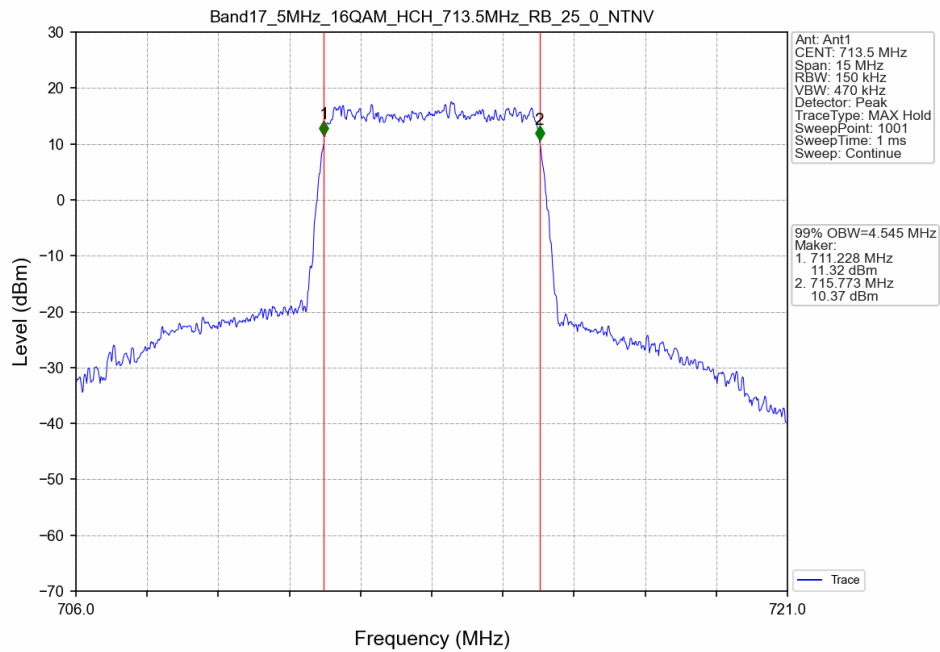
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



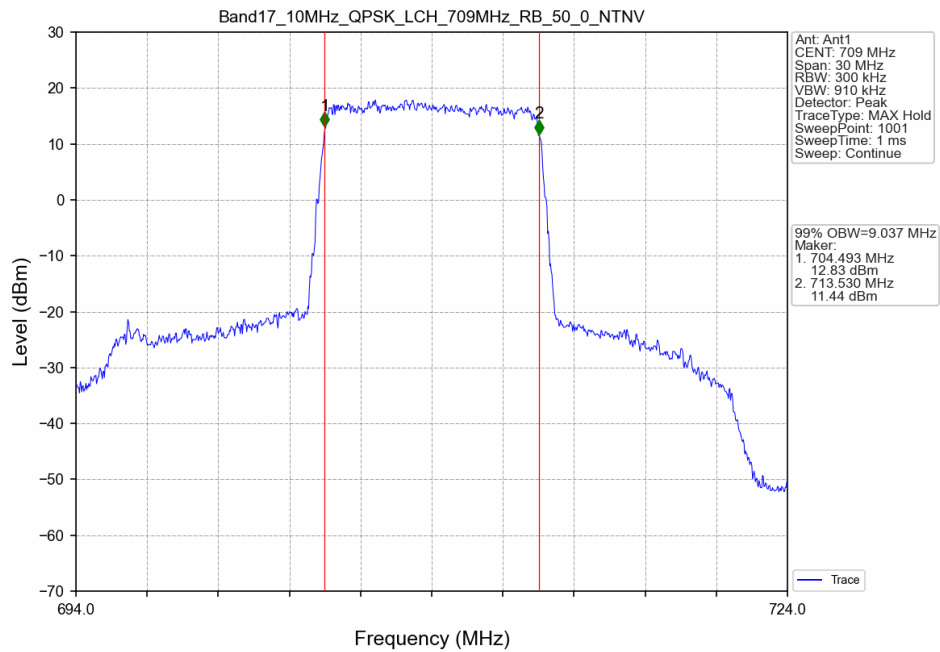
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTV



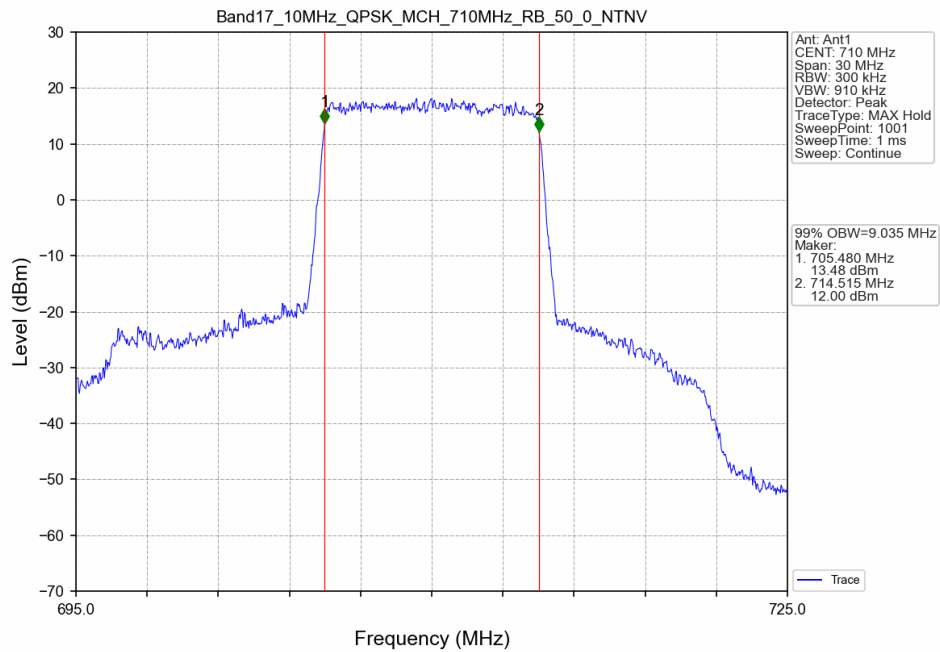
Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV



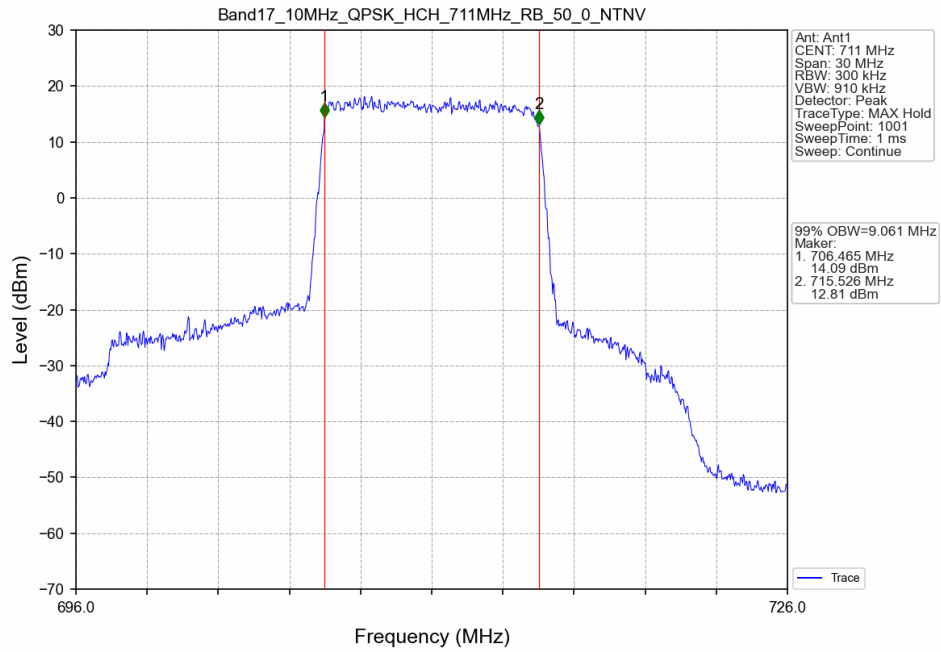
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



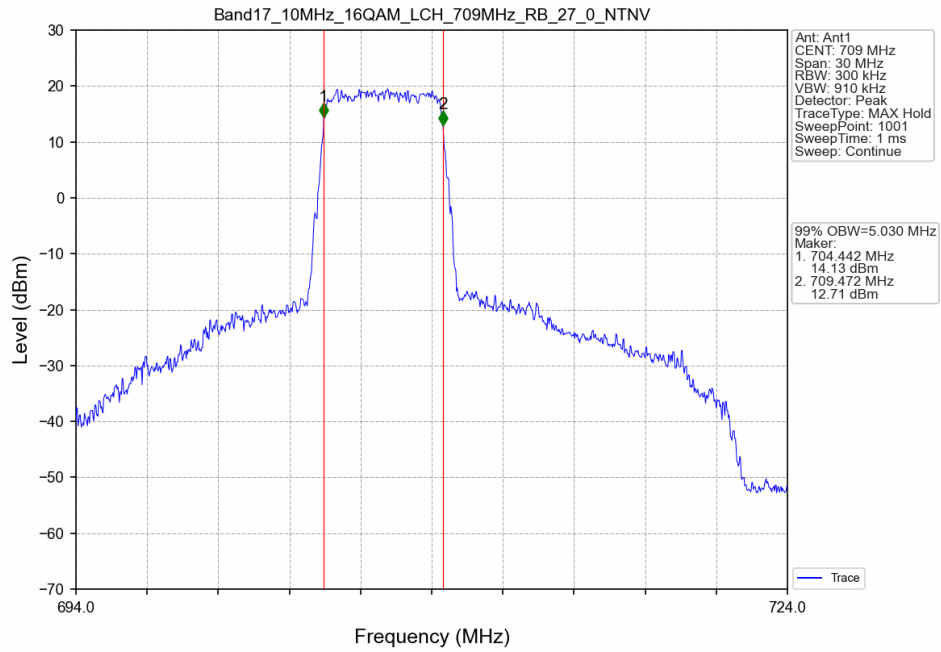
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



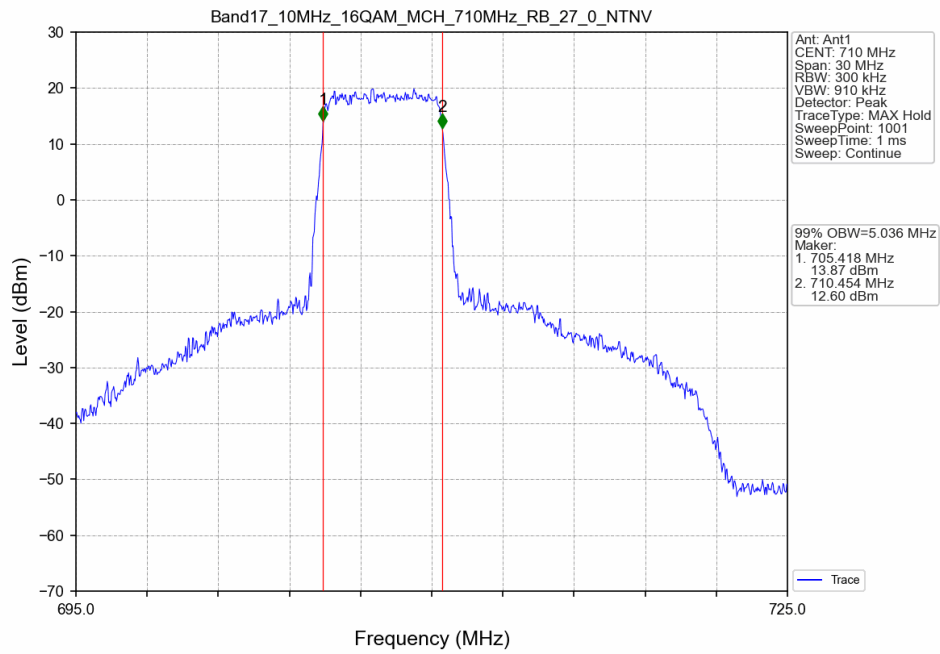
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



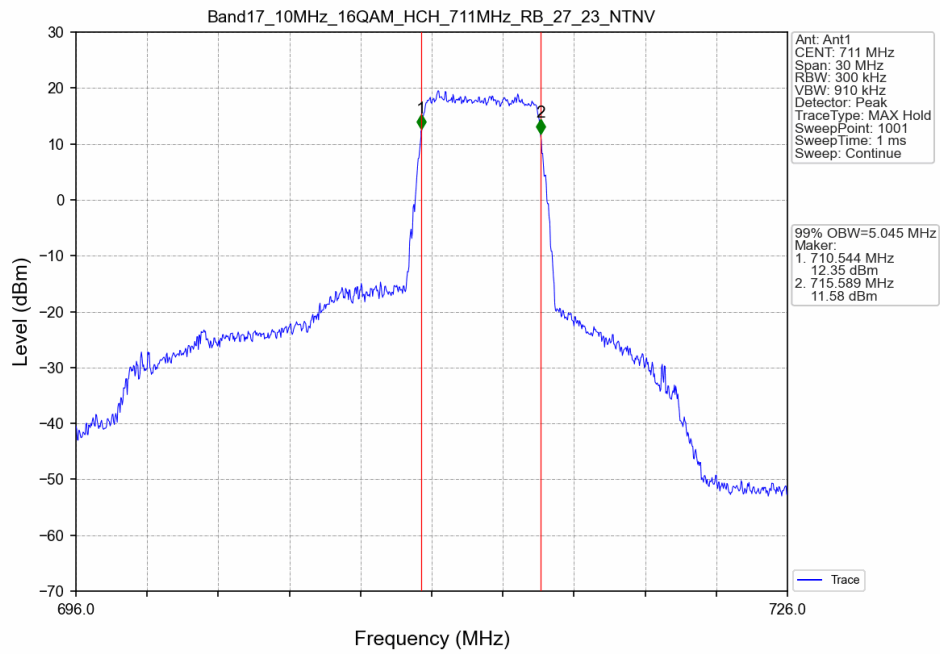
Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV

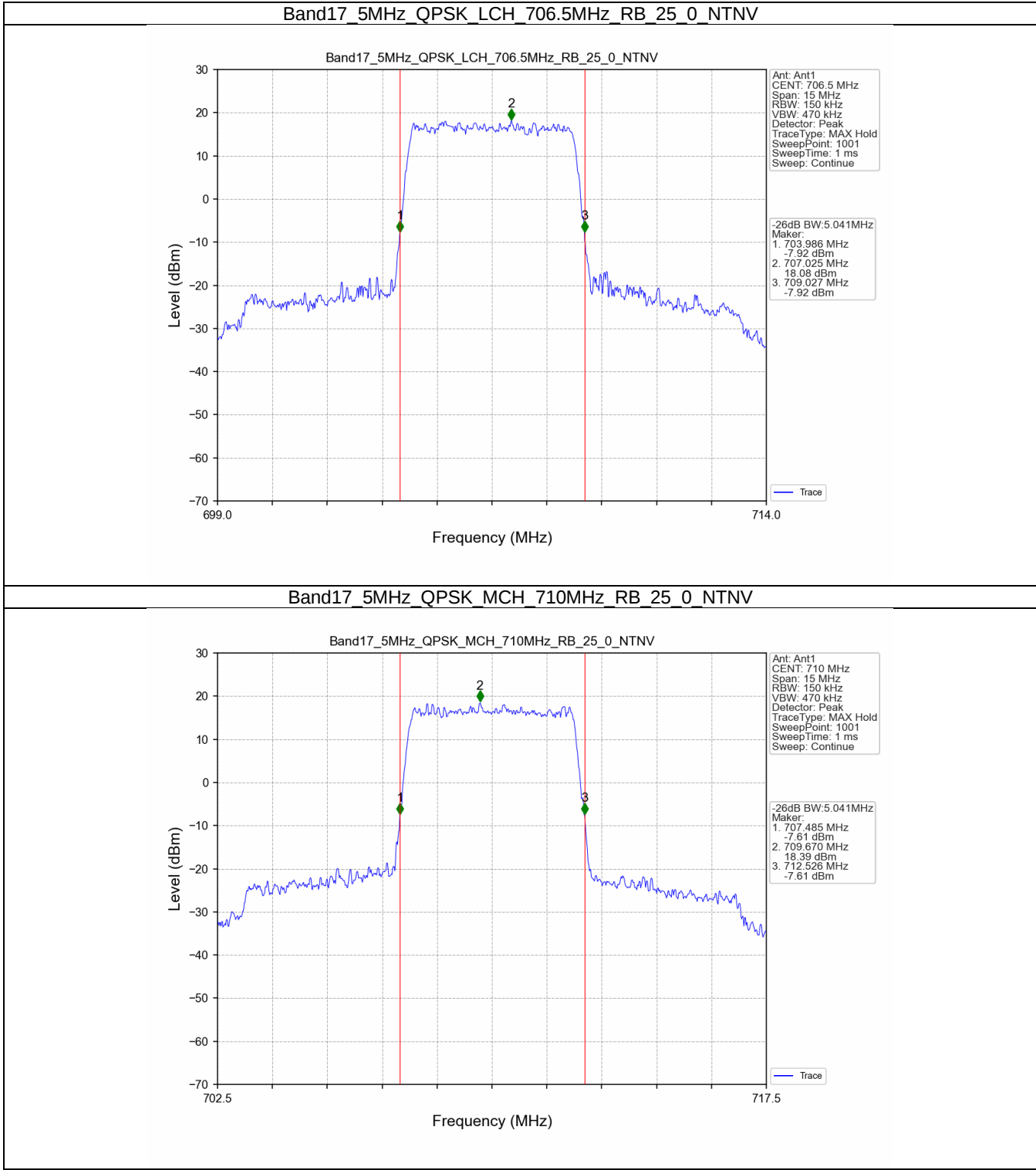


3.2 Band17_XDB

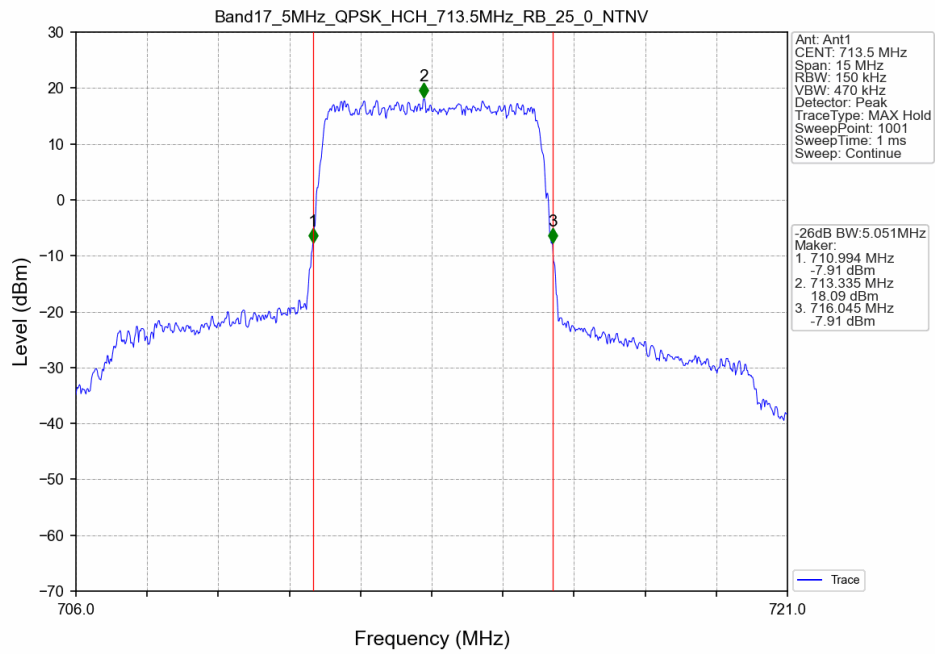
3.2.1 Test Result

Band: 17 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.041	/	Pass
		710	25	0	5.041	/	Pass
		713.5	25	0	5.051	/	Pass
	16QAM	706.5	25	0	5.038	/	Pass
		710	25	0	5.036	/	Pass
		713.5	25	0	5.023	/	Pass
10	QPSK	709	50	0	9.890	/	Pass
		710	50	0	9.901	/	Pass
		711	50	0	9.927	/	Pass
	16QAM	709	27	0	5.882	/	Pass
		710	27	0	5.833	/	Pass
		711	27	23	5.911	/	Pass

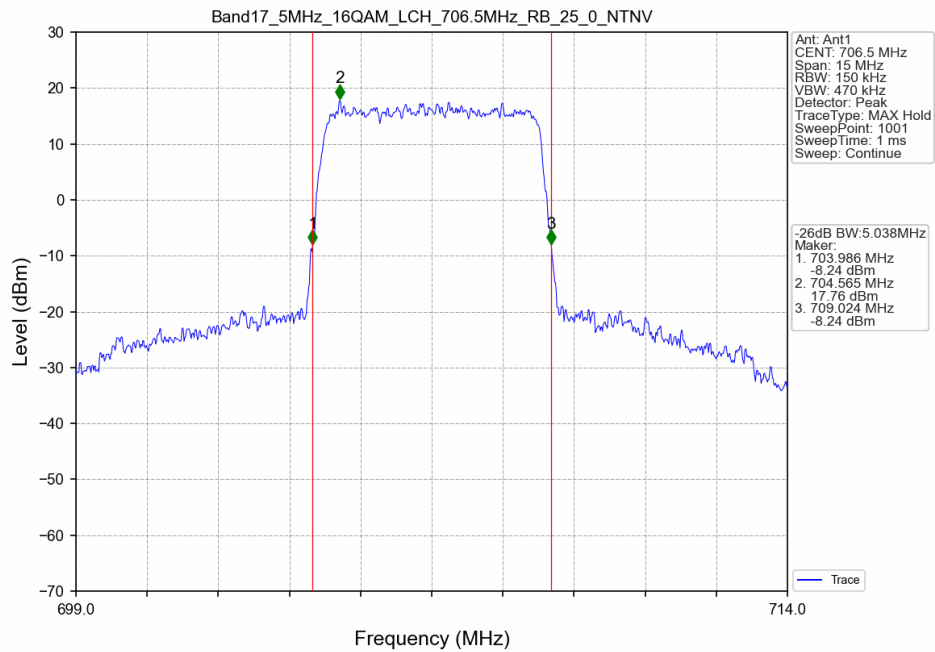
3.2.2 Test Graph



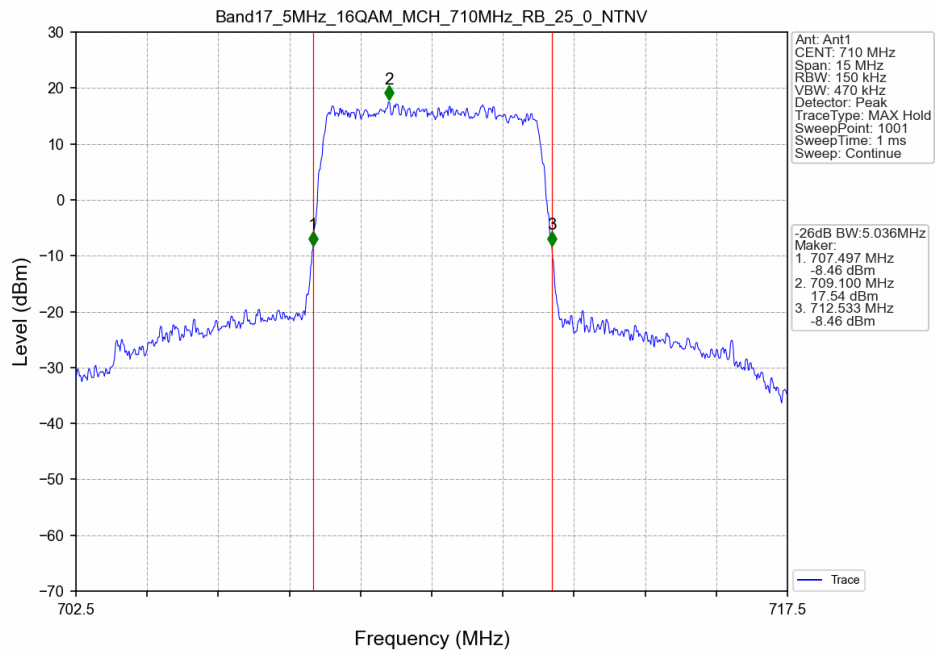
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



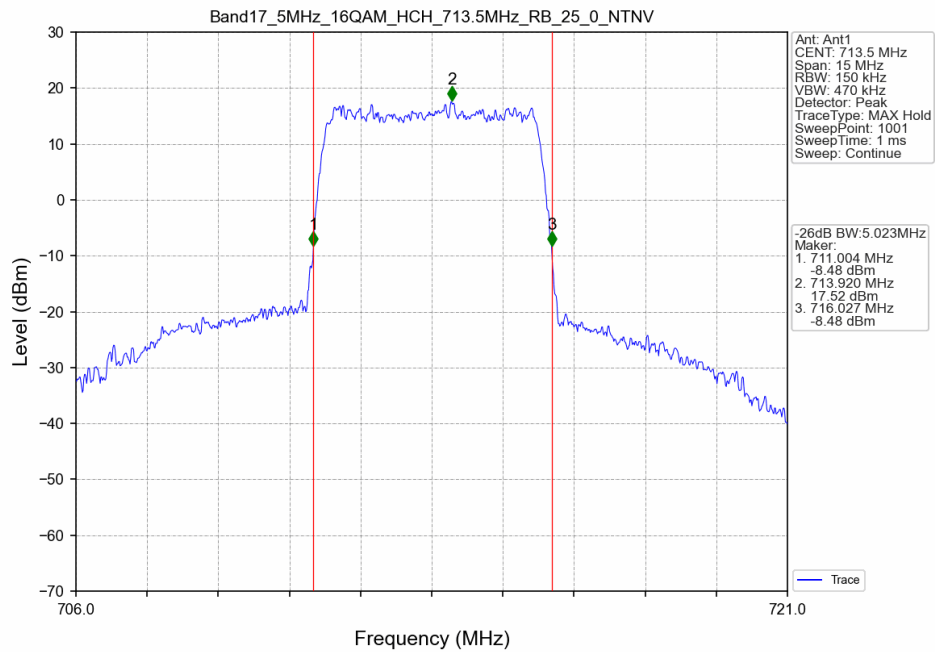
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



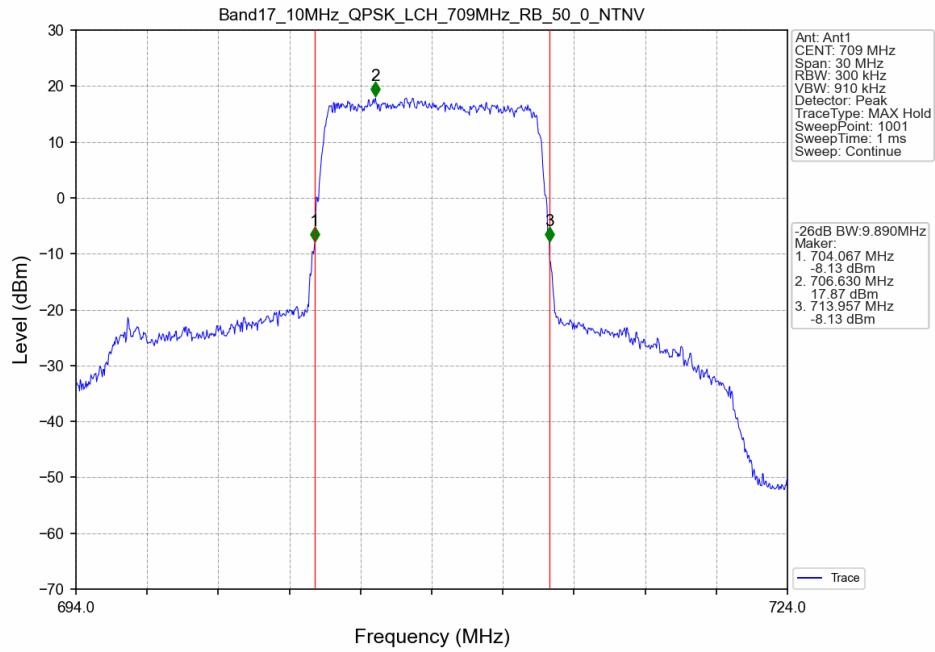
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTV



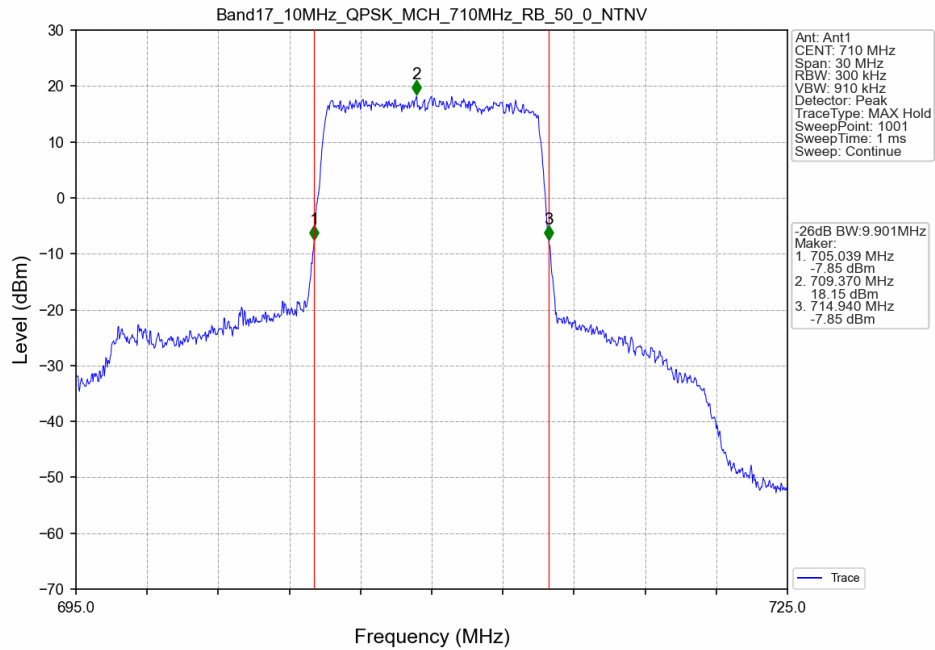
Band17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV



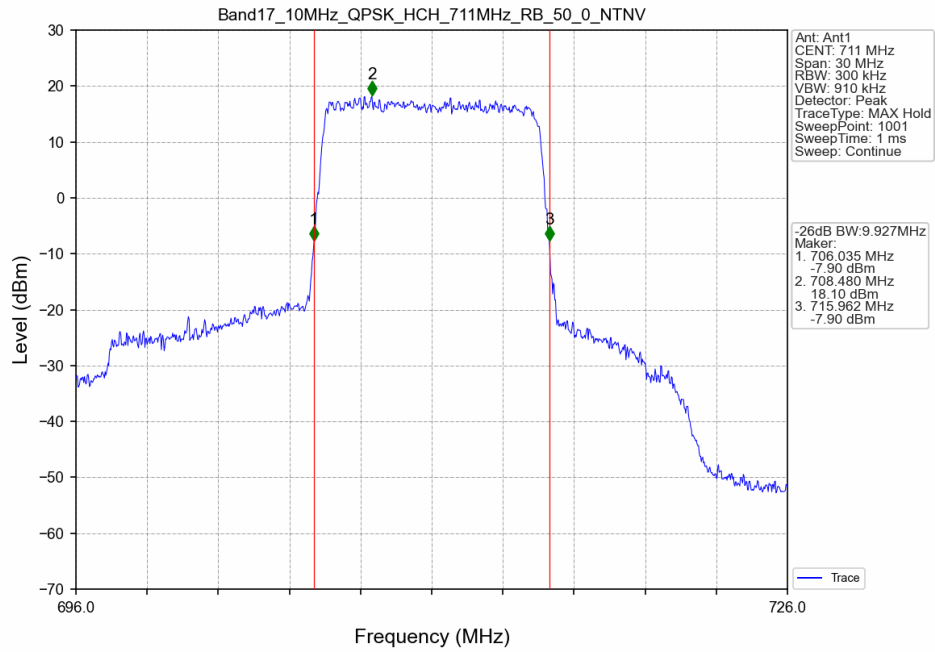
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



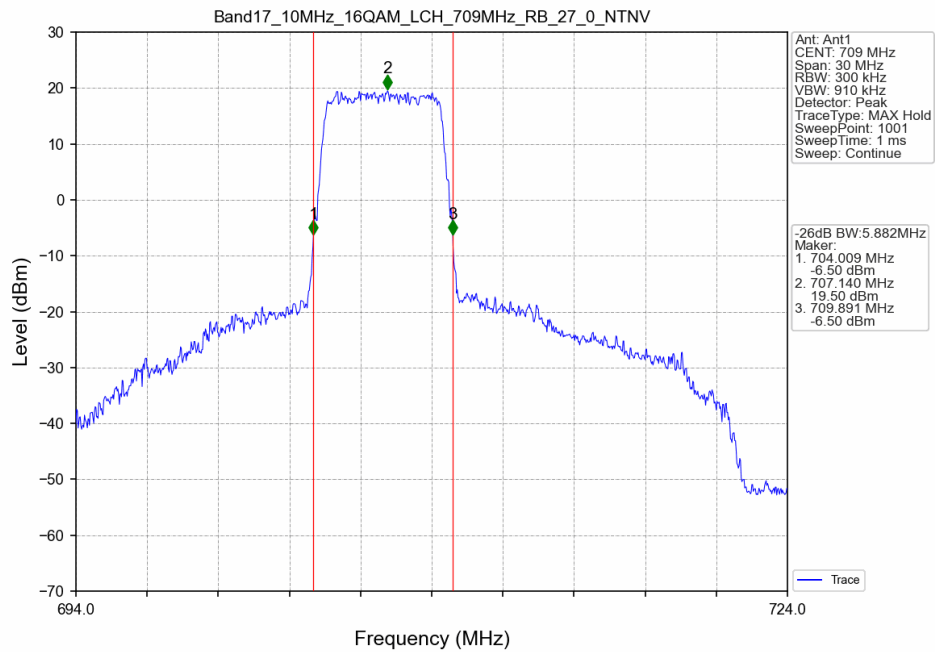
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



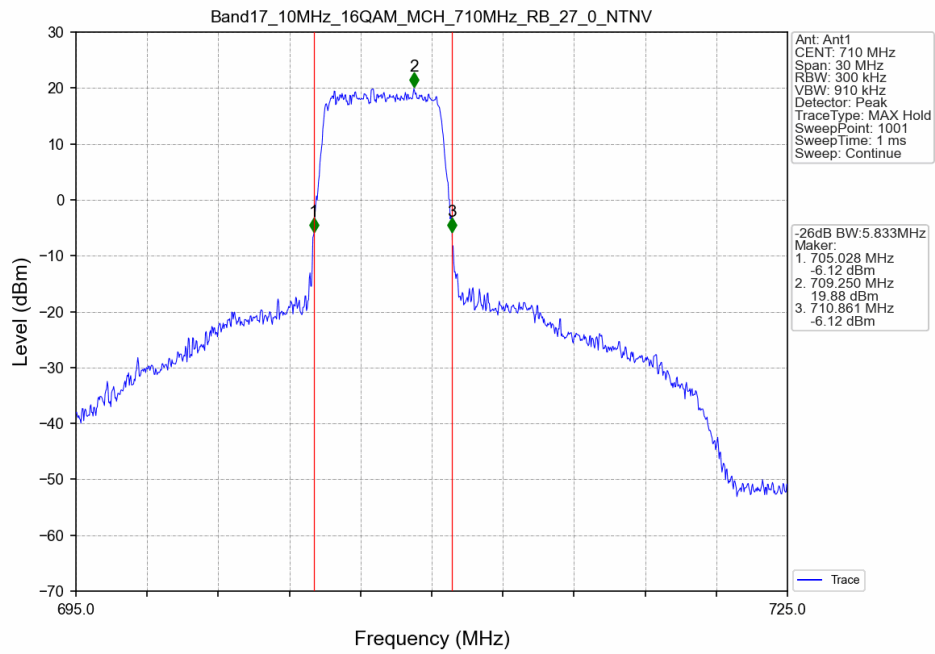
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



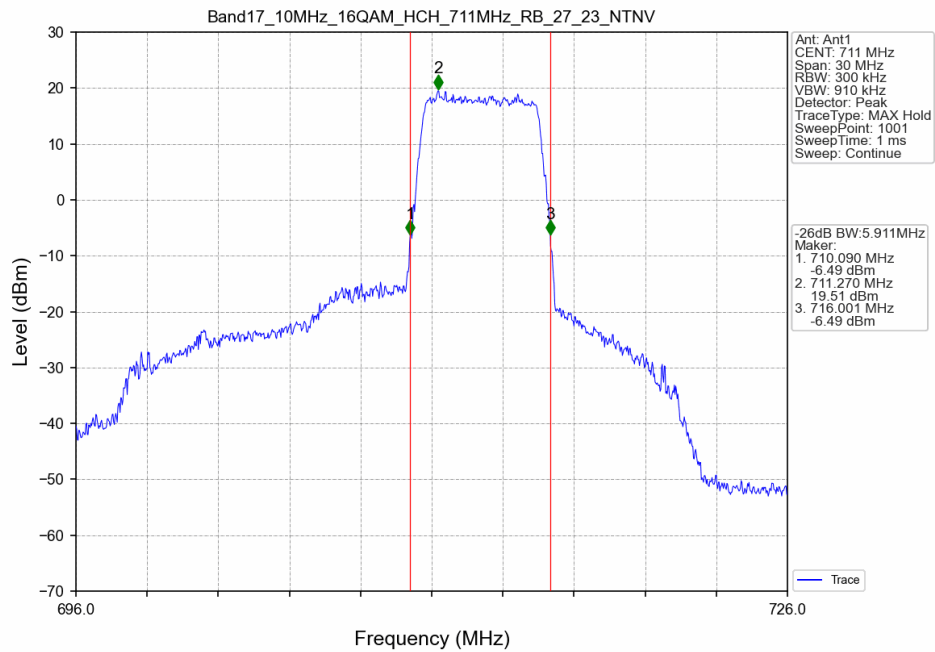
Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV



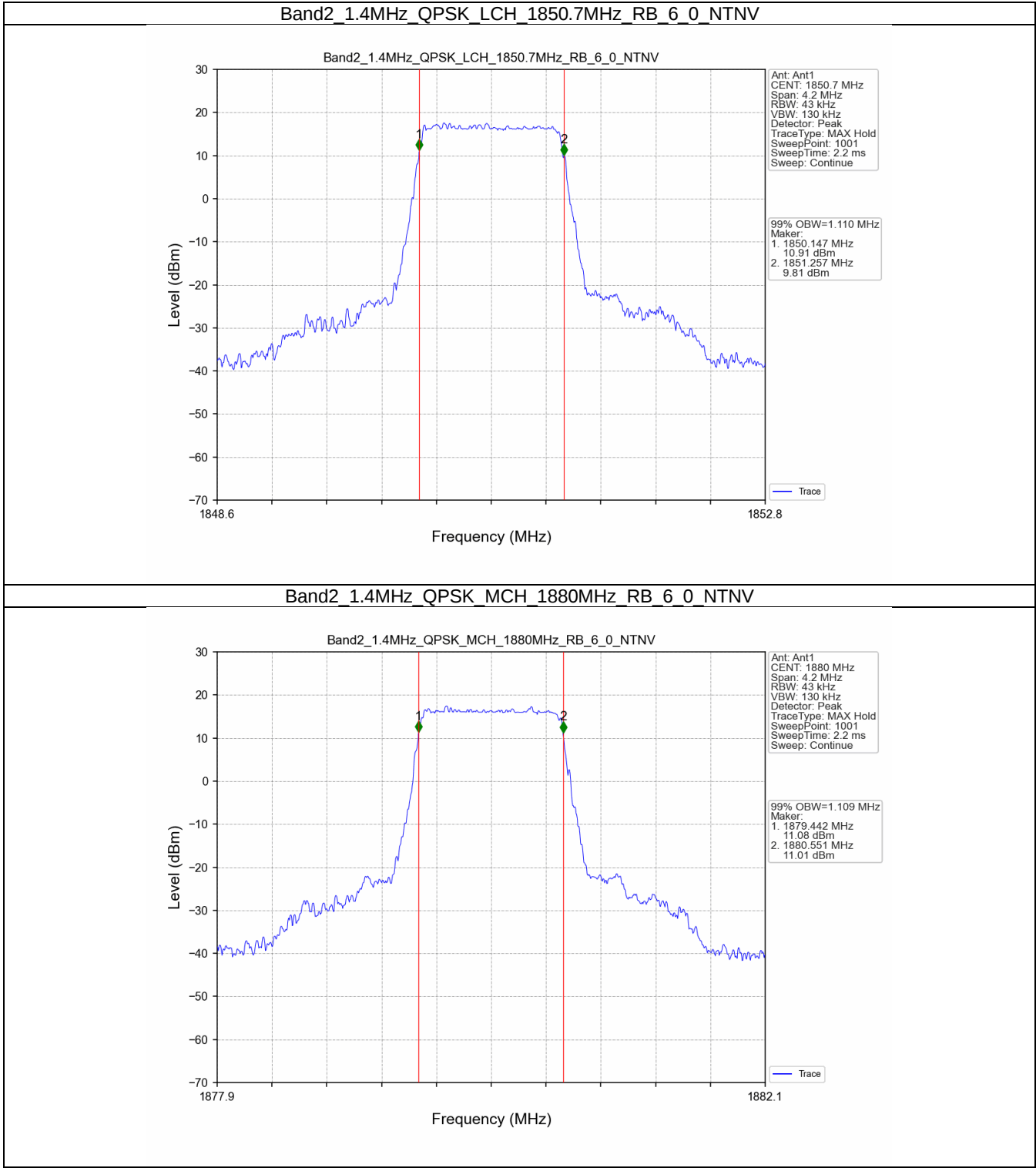
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

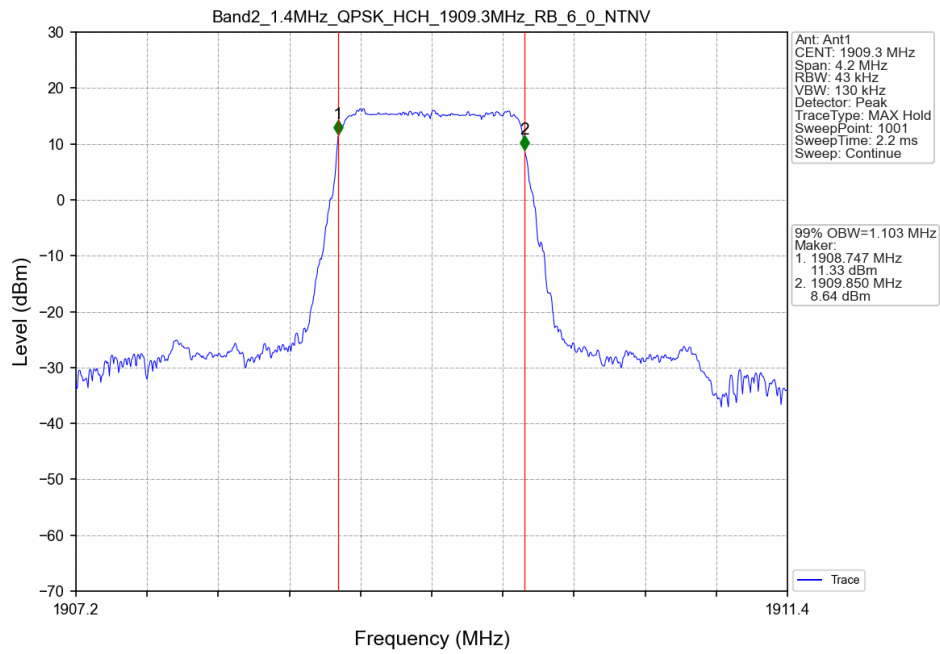
4.1.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.110	/	Pass
		1880	6	0	1.109	/	Pass
		1909.3	6	0	1.103	/	Pass
	16QAM	1850.7	6	0	1.101	/	Pass
		1880	6	0	1.103	/	Pass
		1909.3	6	0	1.106	/	Pass
3	QPSK	1851.5	15	0	2.739	/	Pass
		1880	15	0	2.731	/	Pass
		1908.5	15	0	2.736	/	Pass
	16QAM	1851.5	15	0	2.729	/	Pass
		1880	15	0	2.721	/	Pass
		1908.5	15	0	2.723	/	Pass
5	QPSK	1852.5	25	0	4.548	/	Pass
		1880	25	0	4.533	/	Pass
		1907.5	25	0	4.542	/	Pass
	16QAM	1852.5	25	0	4.532	/	Pass
		1880	25	0	4.558	/	Pass
		1907.5	25	0	4.540	/	Pass
10	QPSK	1855	50	0	9.052	/	Pass
		1880	50	0	9.018	/	Pass
		1905	50	0	9.013	/	Pass
	16QAM	1855	27	0	5.052	/	Pass
		1880	27	0	5.033	/	Pass
		1905	27	23	5.044	/	Pass
15	QPSK	1857.5	75	0	13.554	/	Pass
		1880	75	0	13.537	/	Pass
		1902.5	75	0	13.492	/	Pass
	16QAM	1857.5	27	0	5.241	/	Pass
		1880	27	0	5.240	/	Pass
		1902.5	27	48	5.232	/	Pass
20	QPSK	1860	100	0	18.094	/	Pass
		1880	100	0	17.971	/	Pass
		1900	100	0	17.972	/	Pass
	16QAM	1860	27	0	5.395	/	Pass
		1880	27	0	5.406	/	Pass
		1900	27	73	5.412	/	Pass

4.1.2 Test Graph



Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV

