

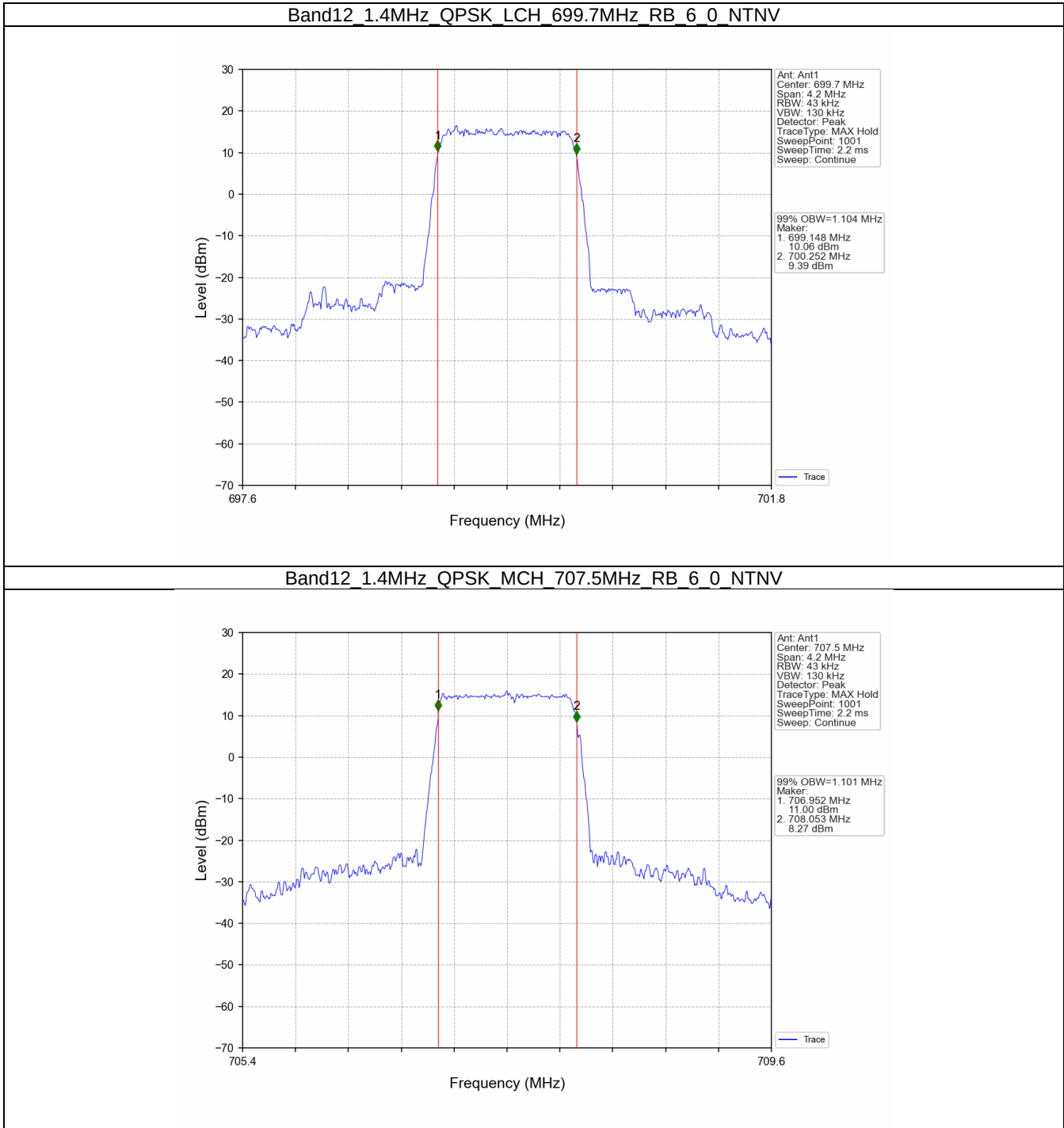
1. 99% & 26dB Bandwidth

1.1 Band12_OBW

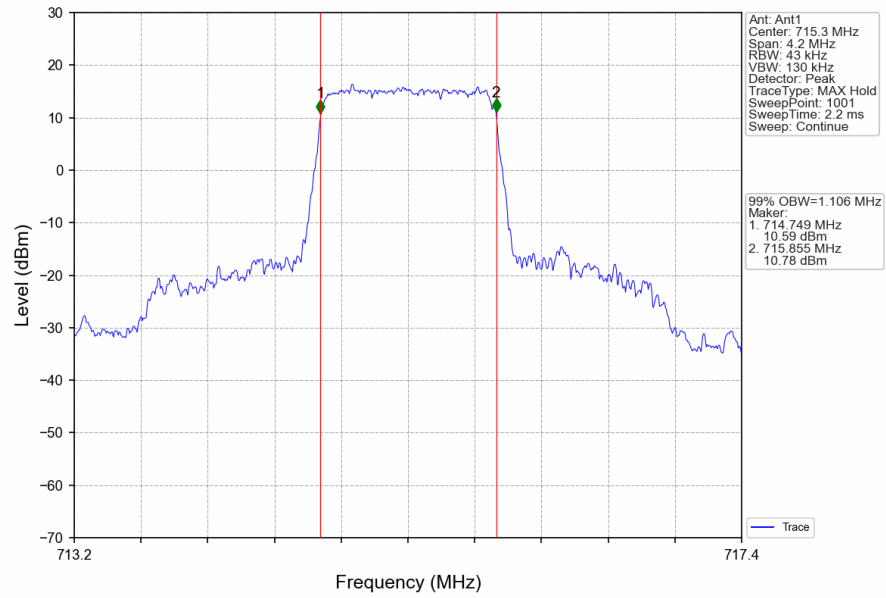
1.1.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.104	Pass
		707.5	6	0	1.101	Pass
		715.3	6	0	1.106	Pass
	16QAM	699.7	6	0	1.103	Pass
		707.5	6	0	1.095	Pass
		715.3	6	0	1.098	Pass
3	QPSK	700.5	15	0	2.748	Pass
		707.5	15	0	2.738	Pass
		714.5	15	0	2.746	Pass
	16QAM	700.5	15	0	2.736	Pass
		707.5	15	0	2.722	Pass
		714.5	15	0	2.743	Pass
5	QPSK	701.5	25	0	4.568	Pass
		707.5	25	0	4.533	Pass
		713.5	25	0	4.551	Pass
	16QAM	701.5	25	0	4.541	Pass
		707.5	25	0	4.539	Pass
		713.5	25	0	4.567	Pass
10	QPSK	704	50	0	9.054	Pass
		707.5	50	0	9.000	Pass
		711	50	0	9.029	Pass
	16QAM	704	50	0	9.033	Pass
		707.5	50	0	8.983	Pass
		711	50	0	9.059	Pass

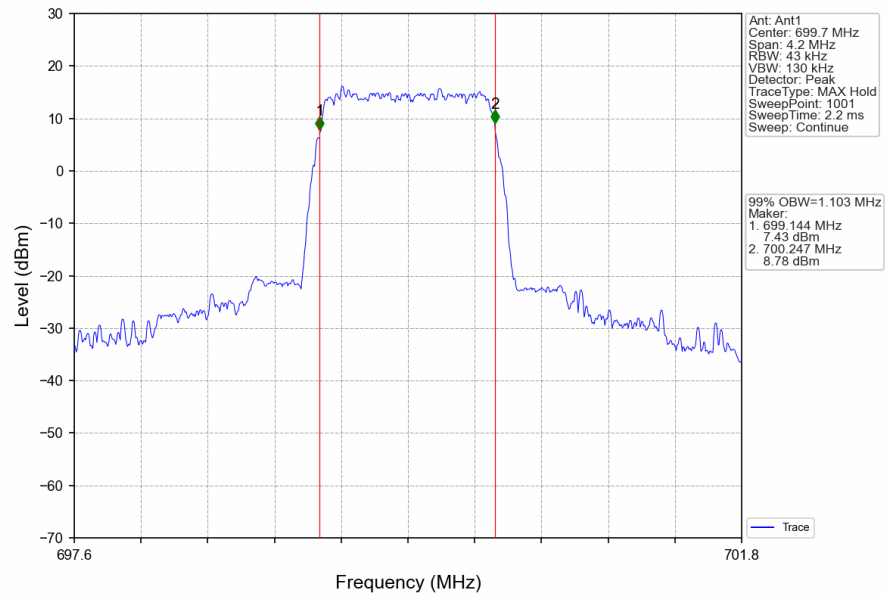
1.1.2 Test Graph



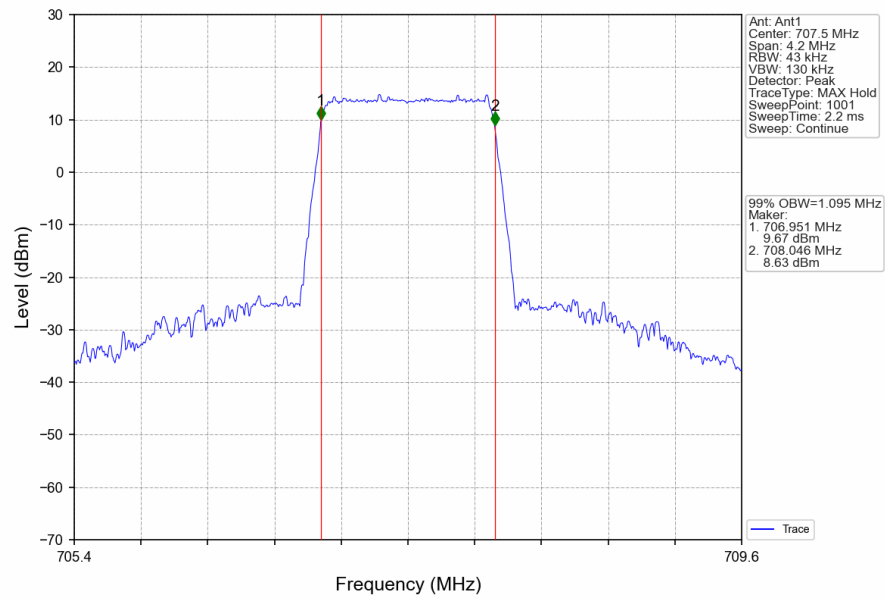
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



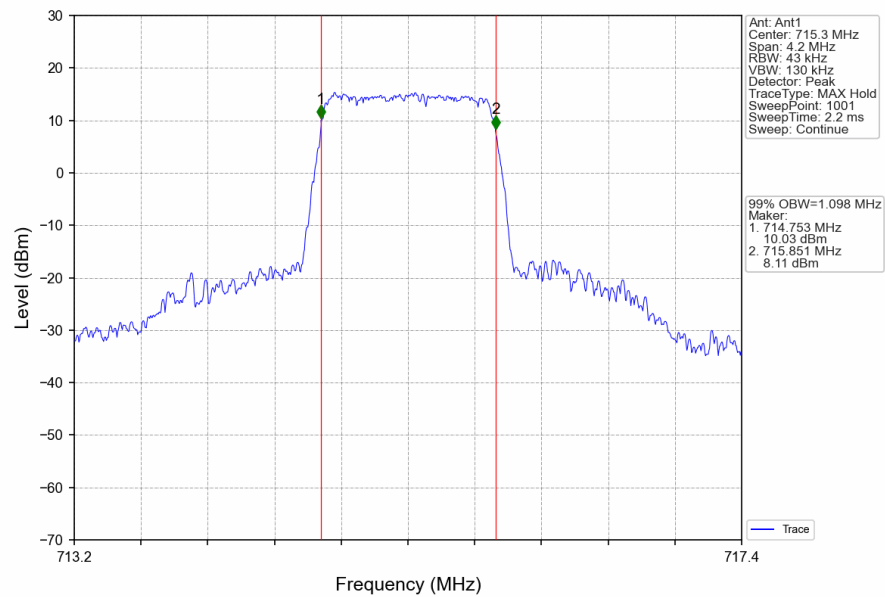
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



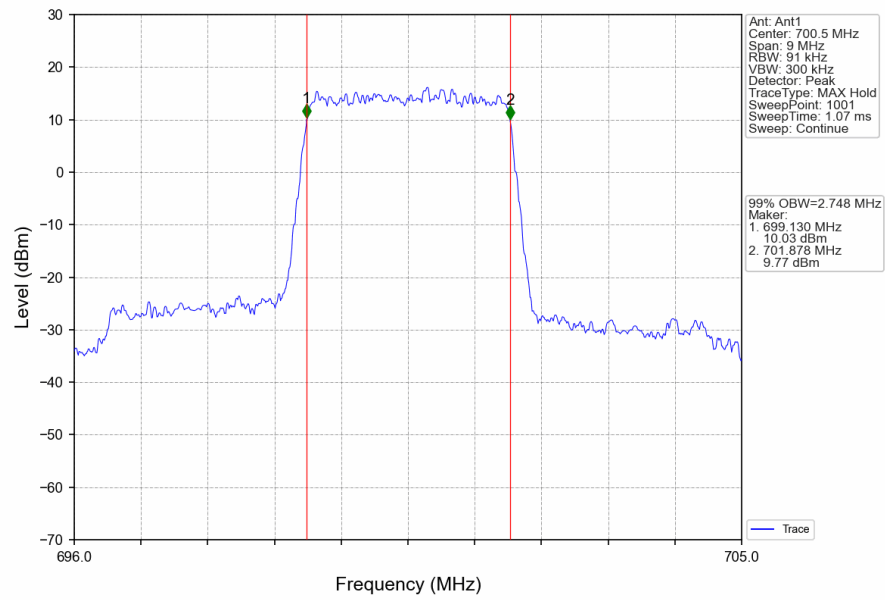
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



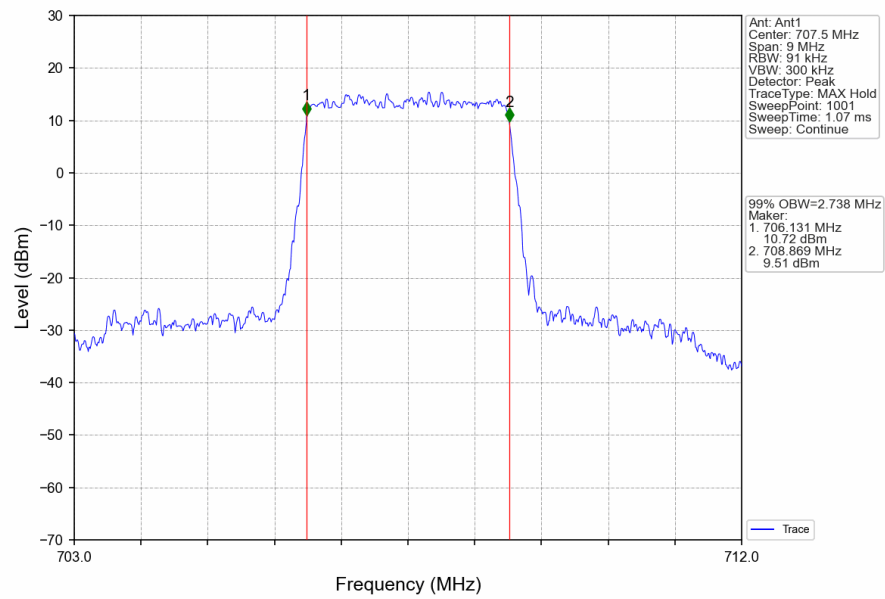
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



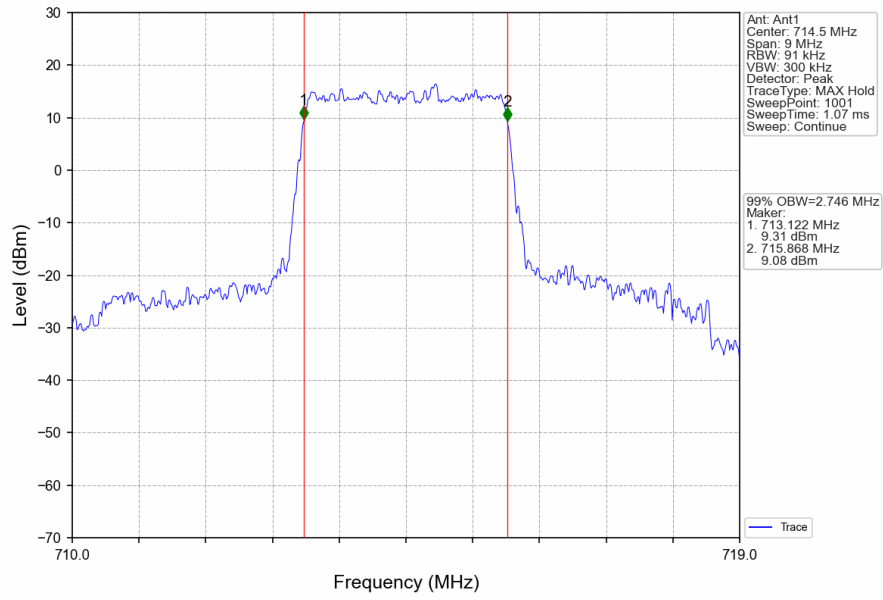
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTN



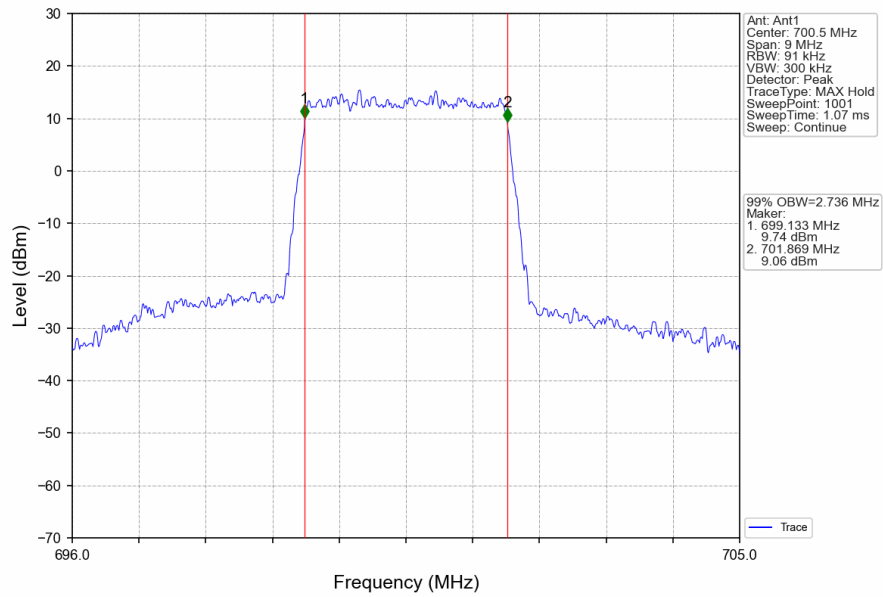
Band12 3MHz QPSK MCH 707.5MHz RB 15 0 NTN



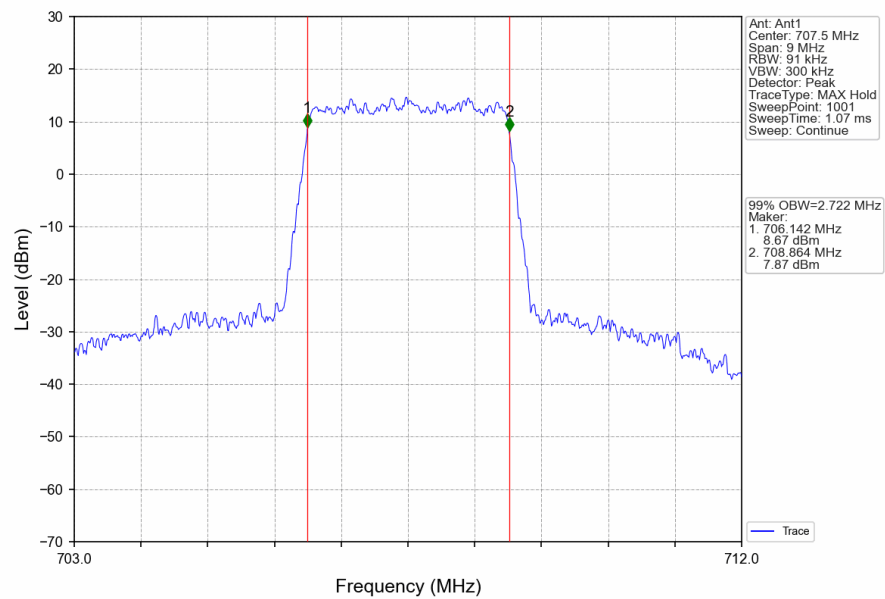
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



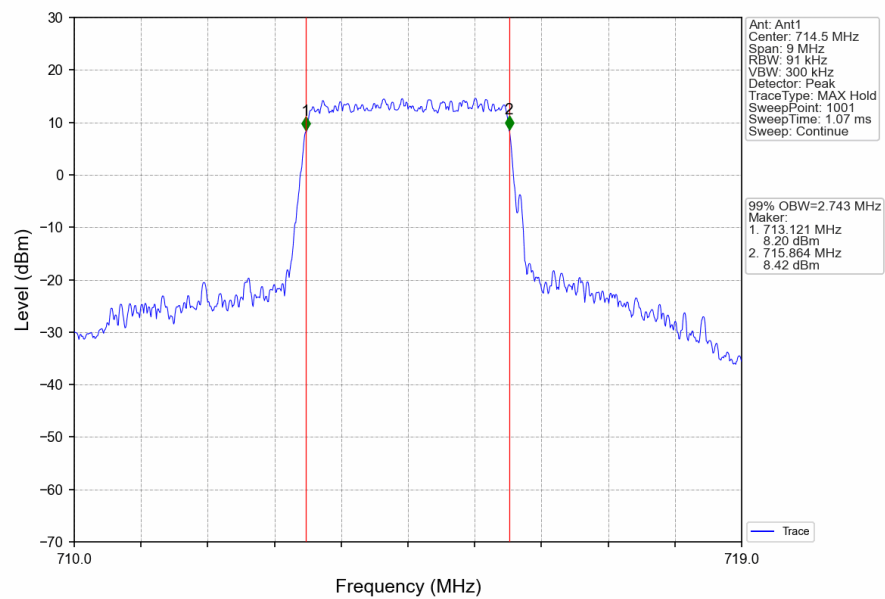
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



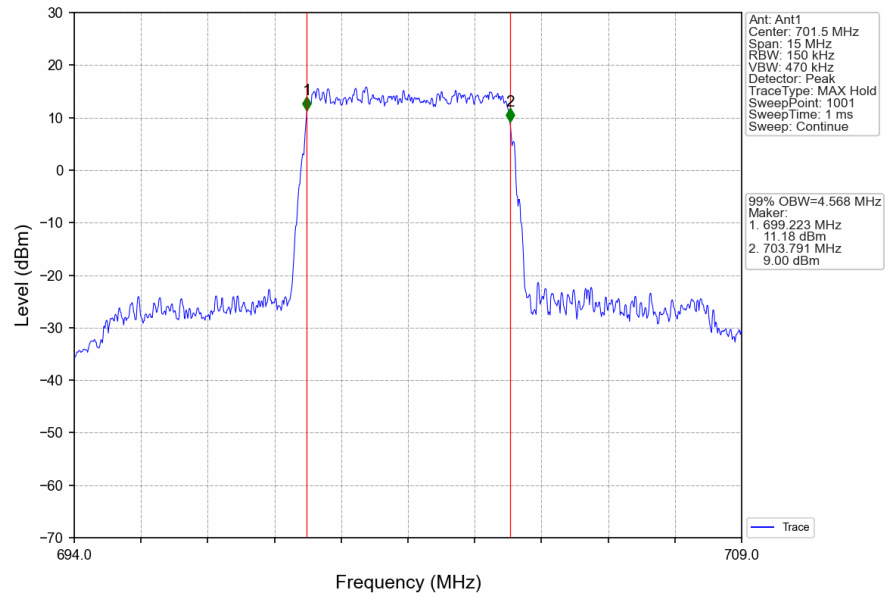
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



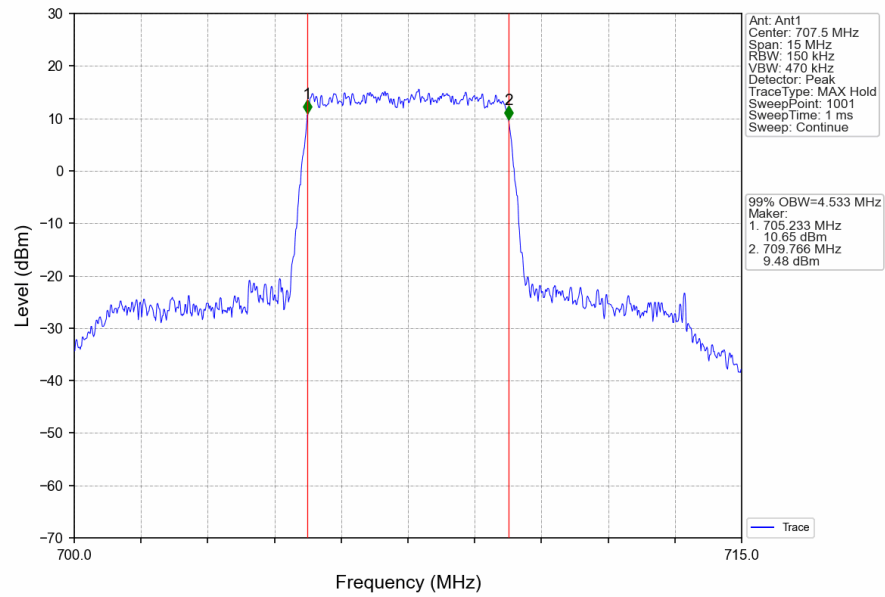
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



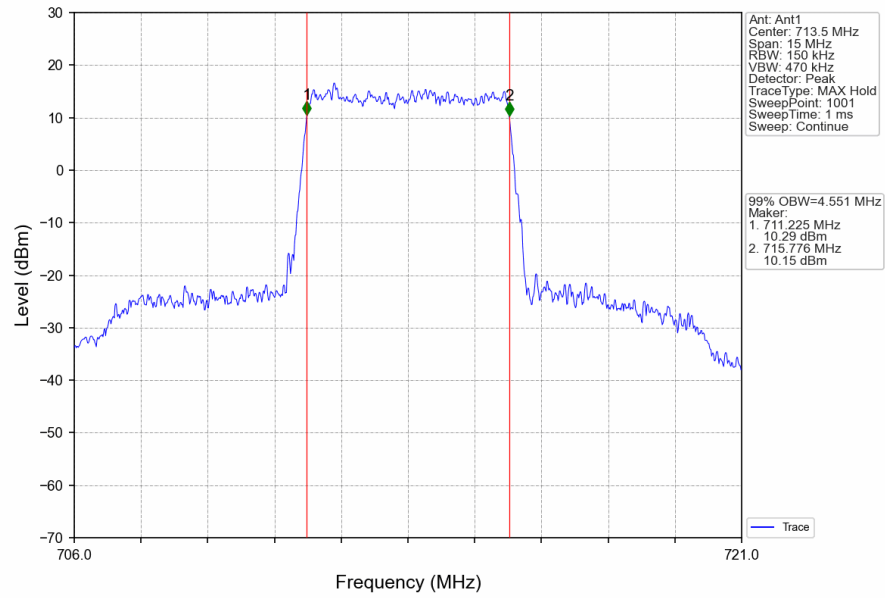
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



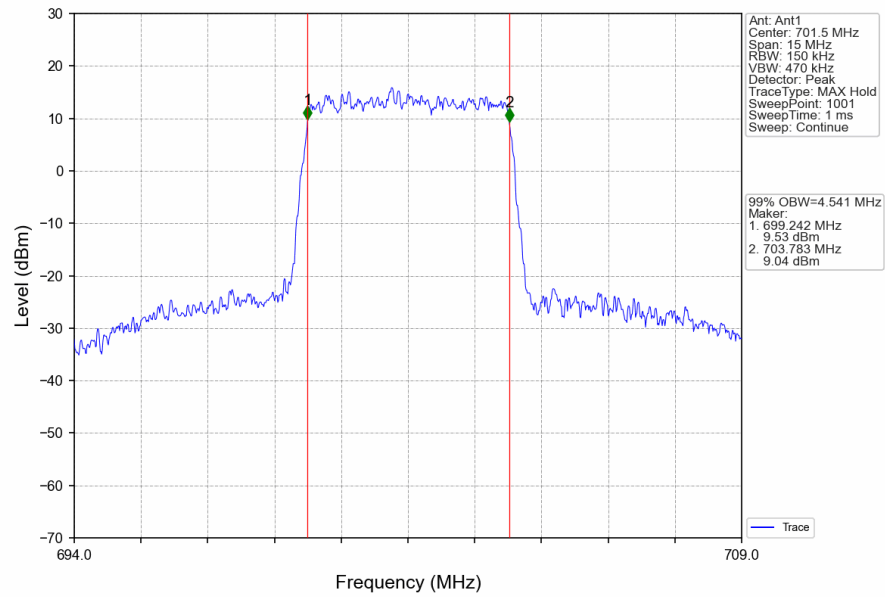
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



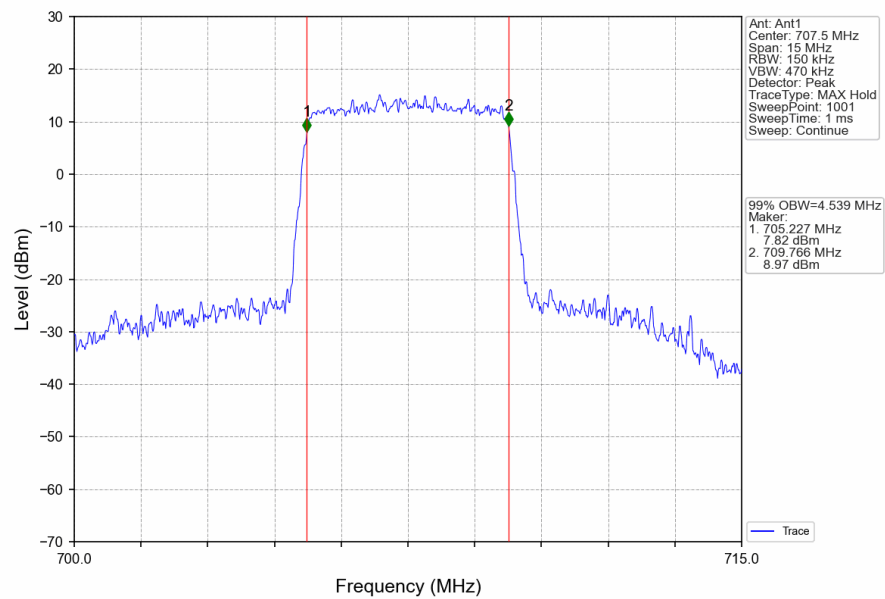
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



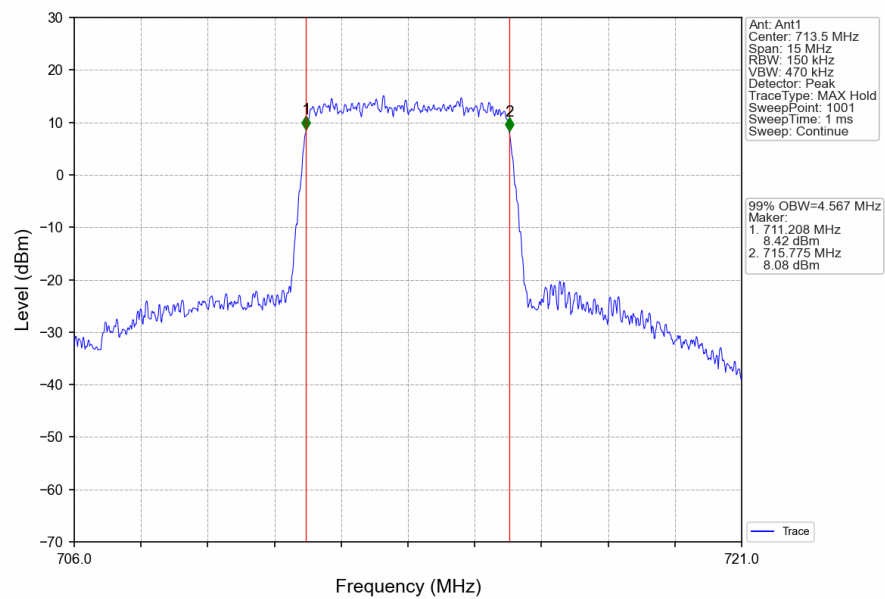
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



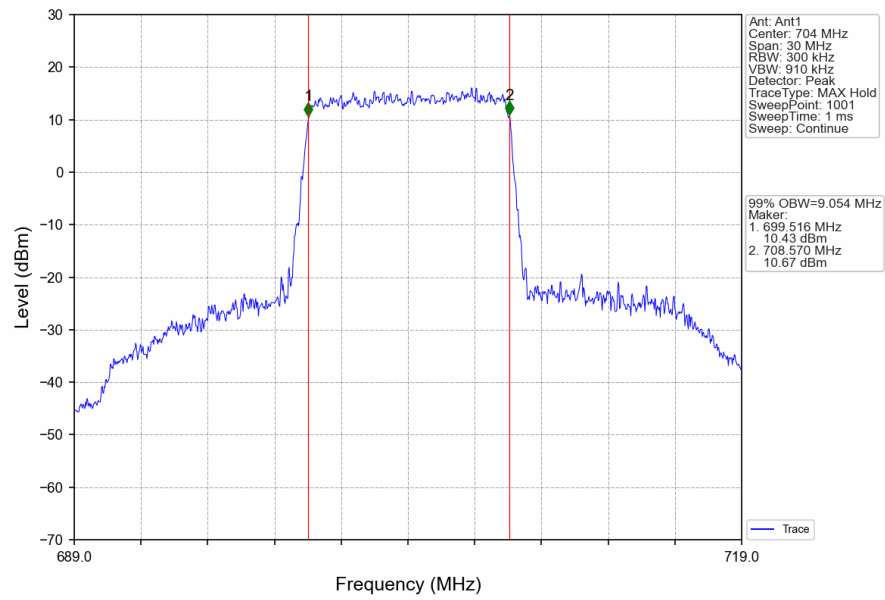
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



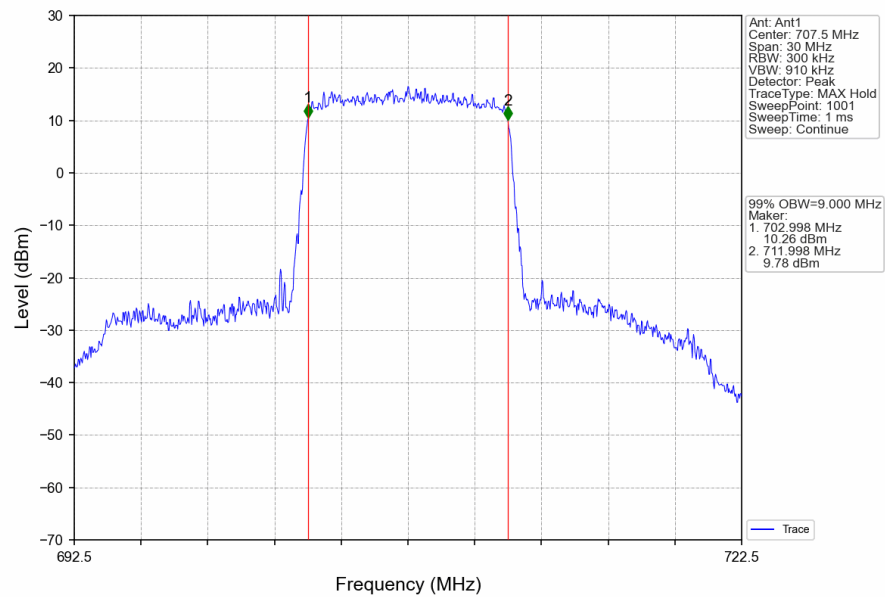
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



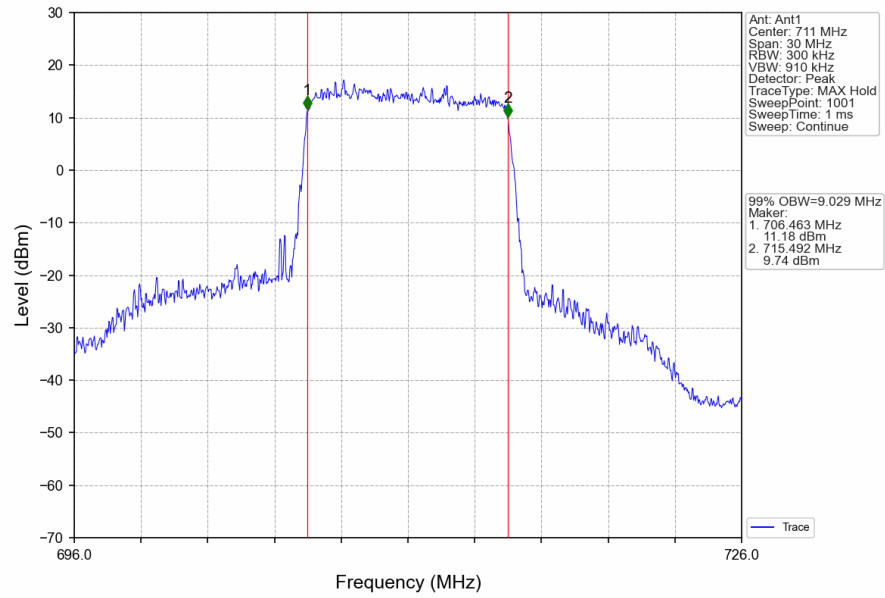
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



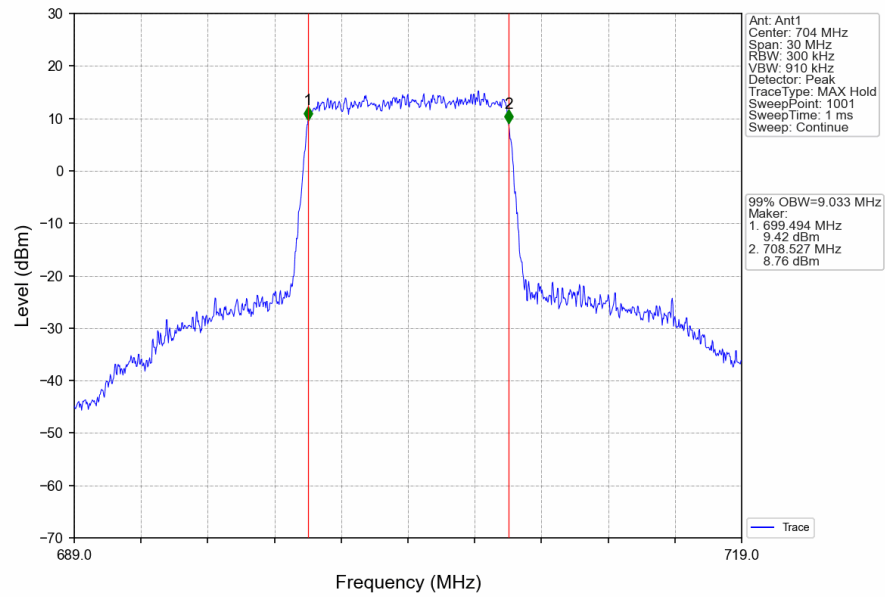
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



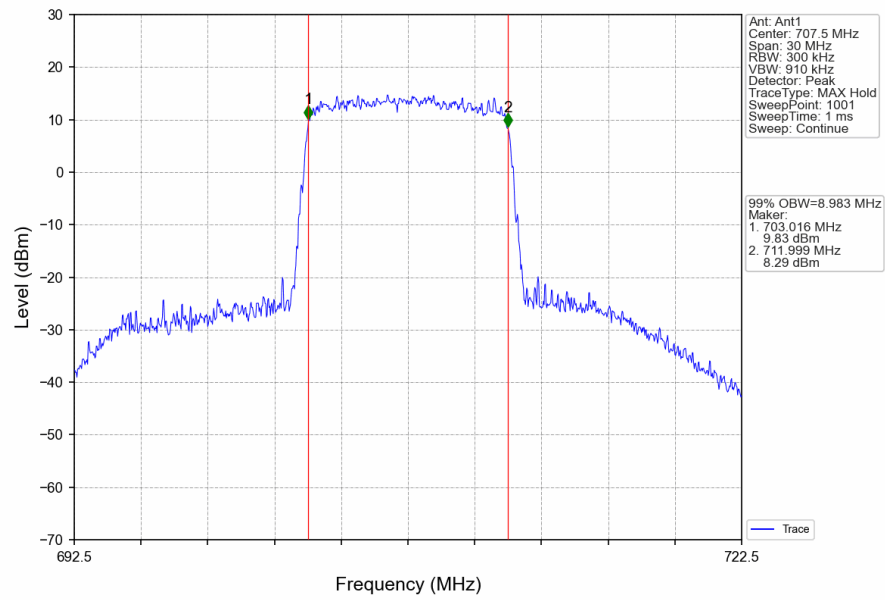
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



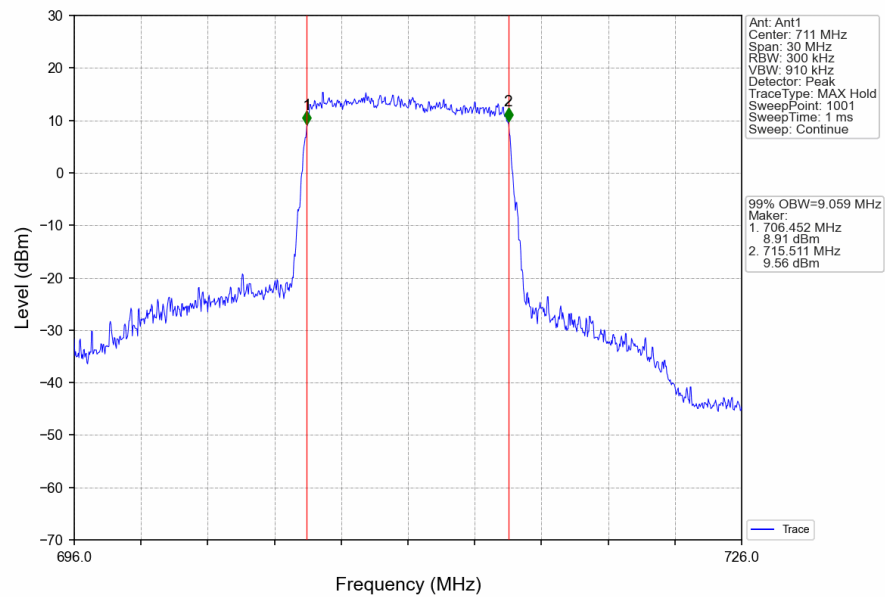
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

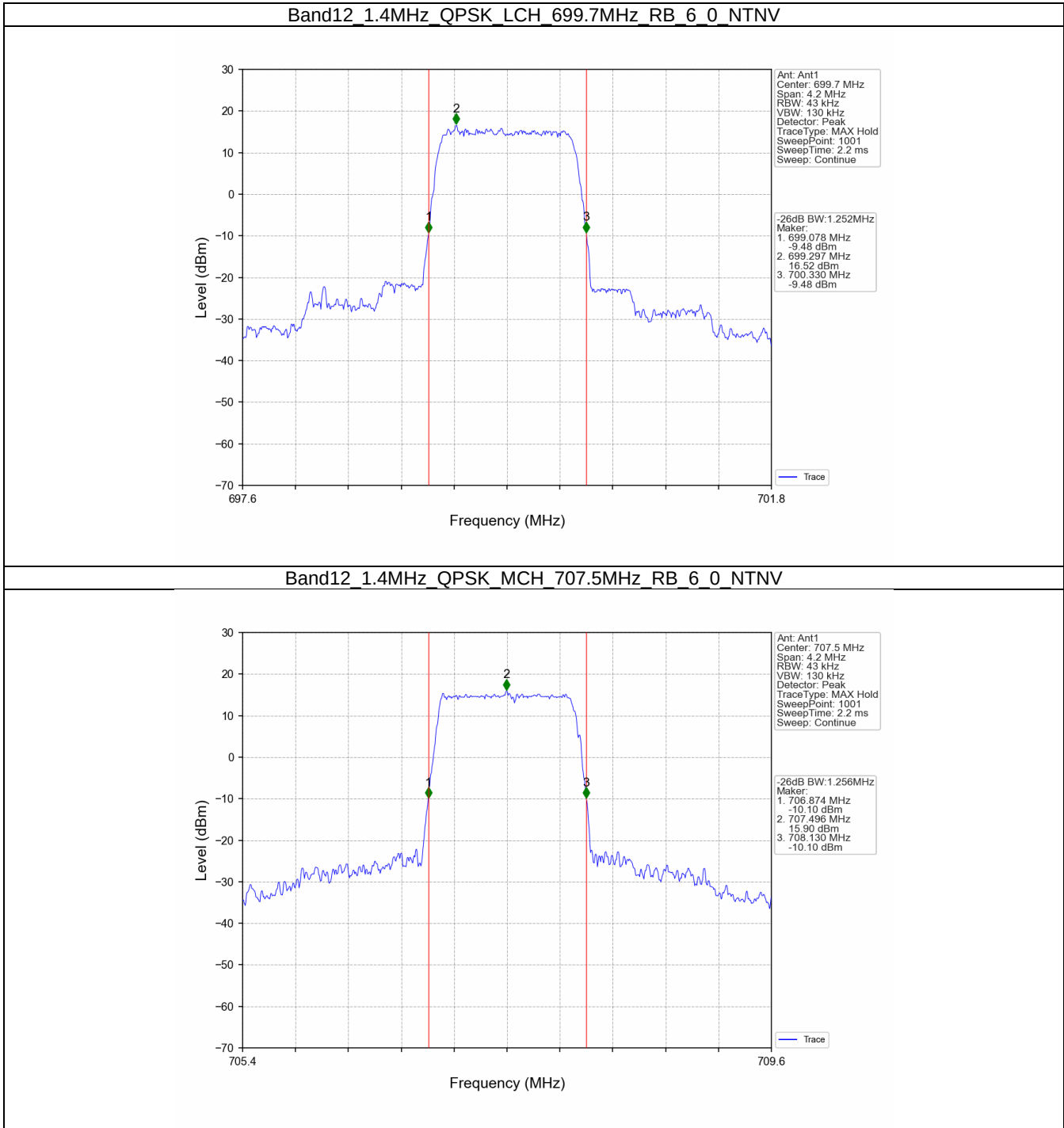


1.2 Band12_XDB

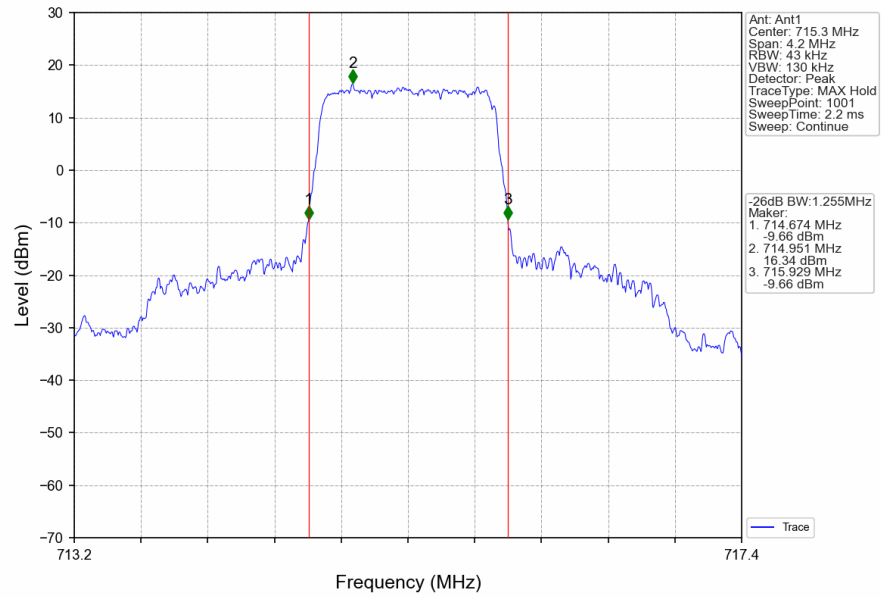
1.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.252	Pass
		707.5	6	0	1.256	Pass
		715.3	6	0	1.255	Pass
	16QAM	699.7	6	0	1.266	Pass
		707.5	6	0	1.249	Pass
		715.3	6	0	1.272	Pass
3	QPSK	700.5	15	0	3.062	Pass
		707.5	15	0	3.063	Pass
		714.5	15	0	3.070	Pass
	16QAM	700.5	15	0	3.048	Pass
		707.5	15	0	3.084	Pass
		714.5	15	0	3.097	Pass
5	QPSK	701.5	25	0	5.054	Pass
		707.5	25	0	4.996	Pass
		713.5	25	0	5.044	Pass
	16QAM	701.5	25	0	5.010	Pass
		707.5	25	0	5.019	Pass
		713.5	25	0	5.062	Pass
10	QPSK	704	50	0	9.991	Pass
		707.5	50	0	9.812	Pass
		711	50	0	9.847	Pass
	16QAM	704	50	0	9.891	Pass
		707.5	50	0	9.908	Pass
		711	50	0	9.967	Pass

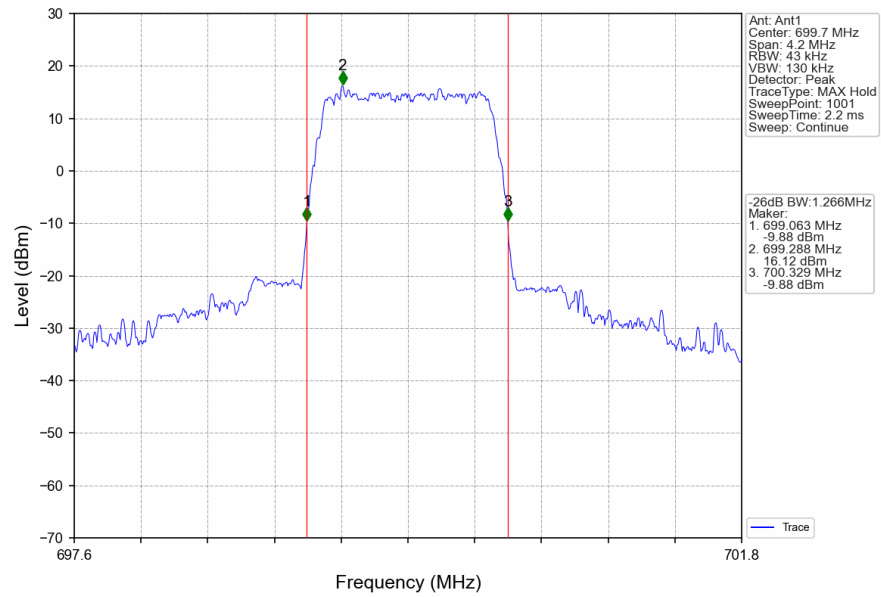
1.2.2 Test Graph



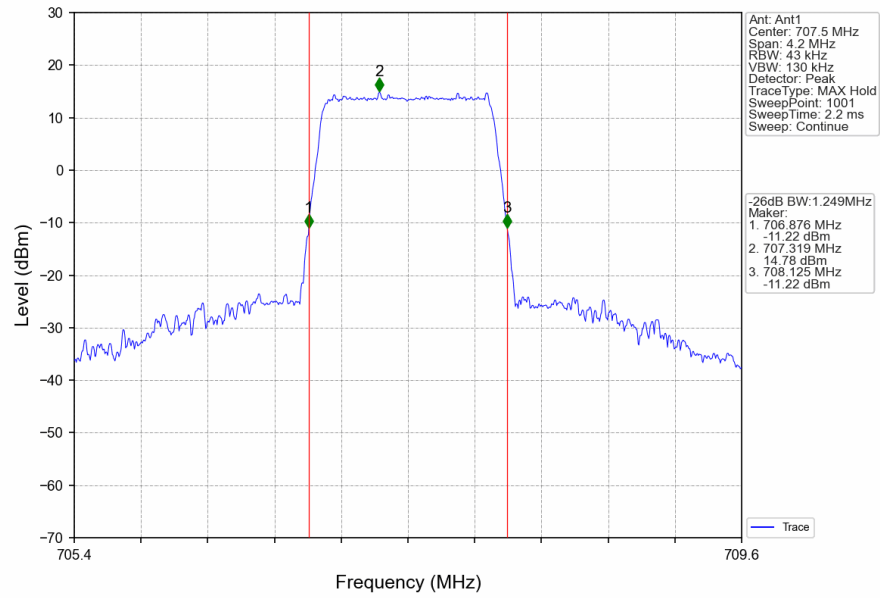
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



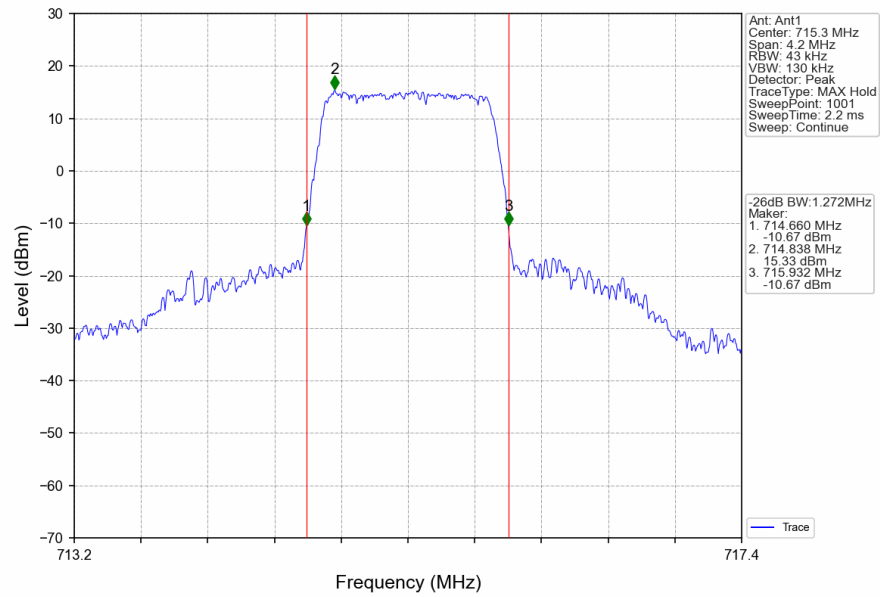
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



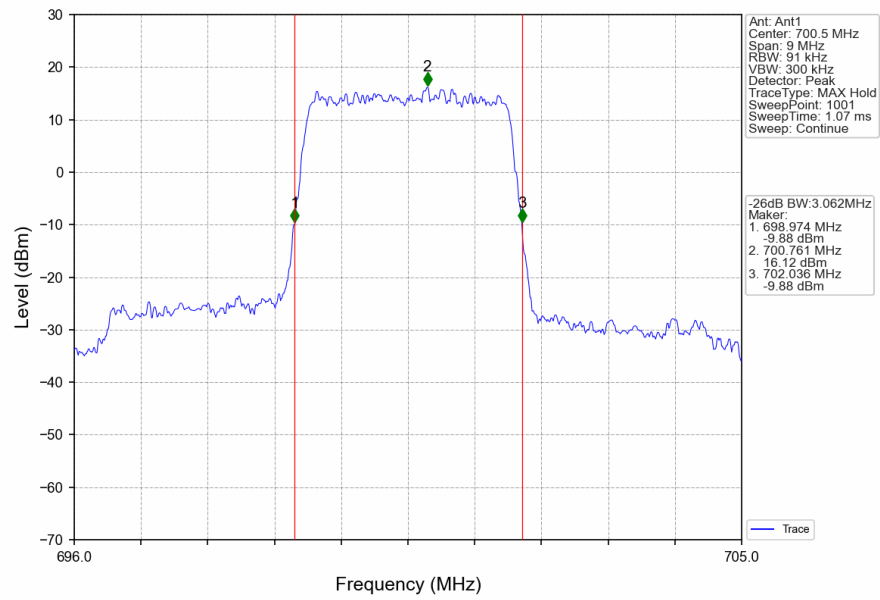
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



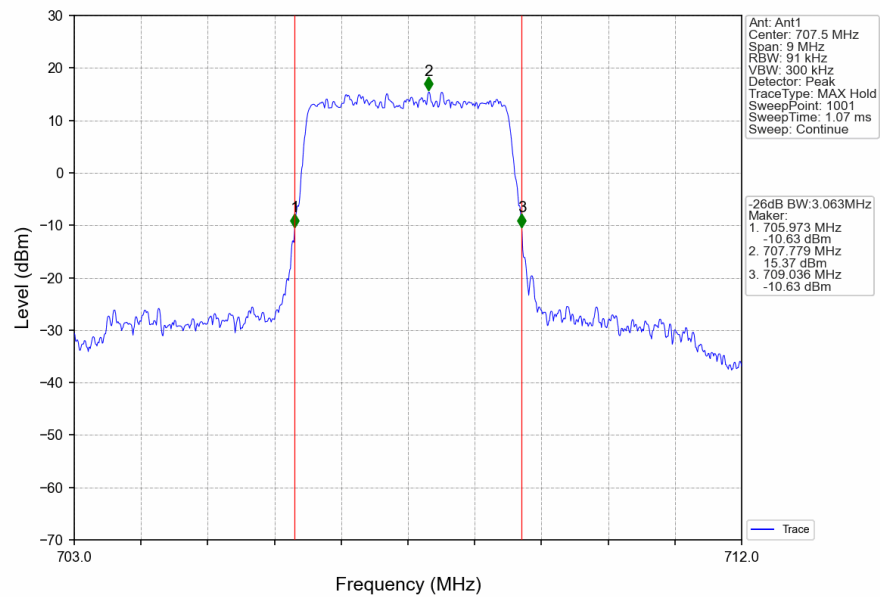
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



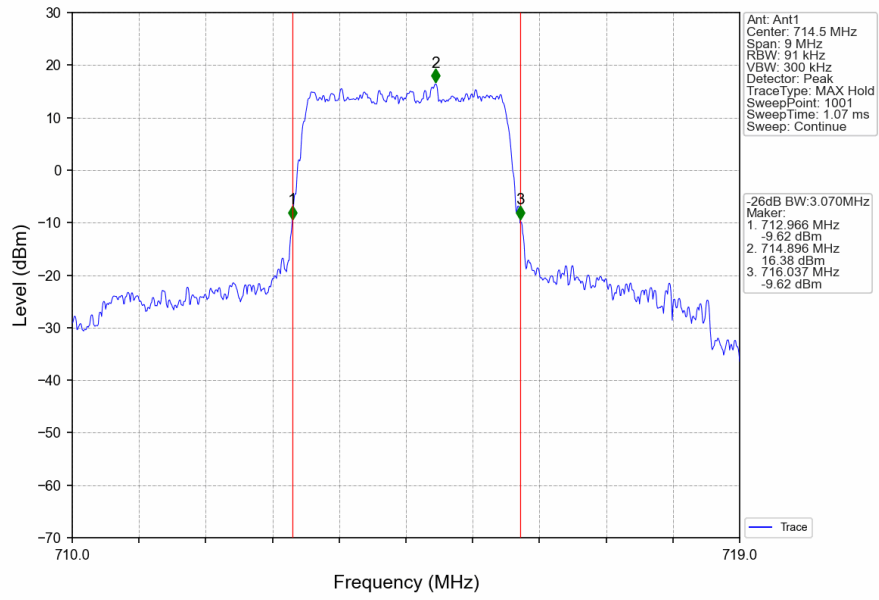
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



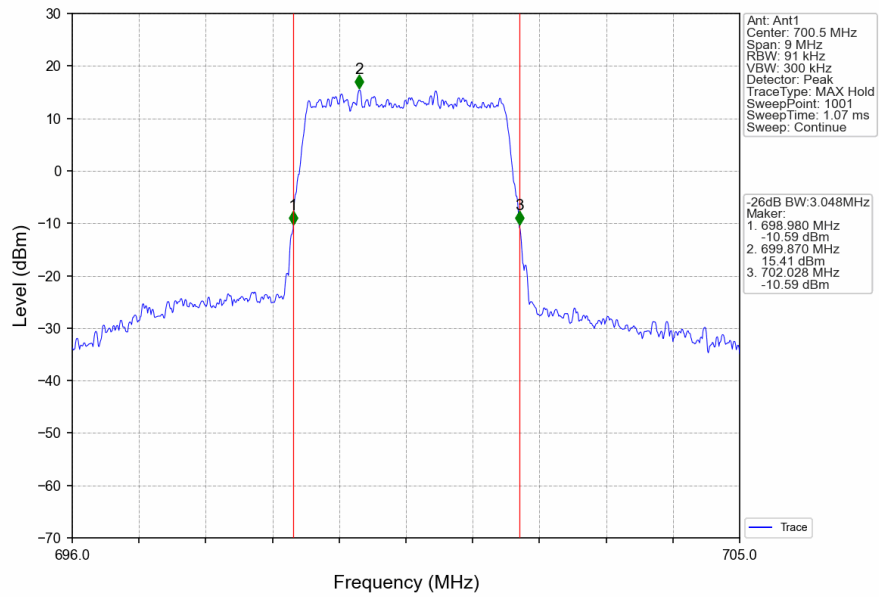
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



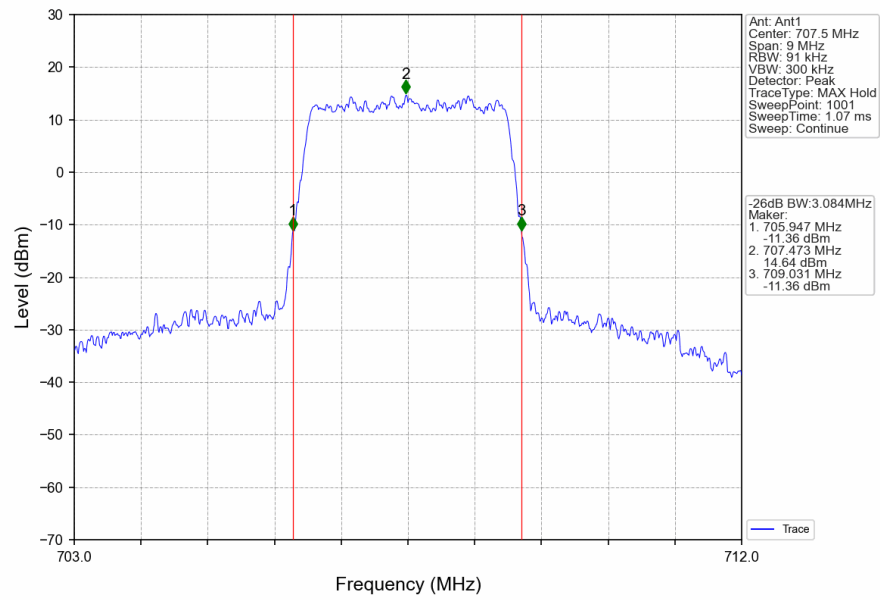
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



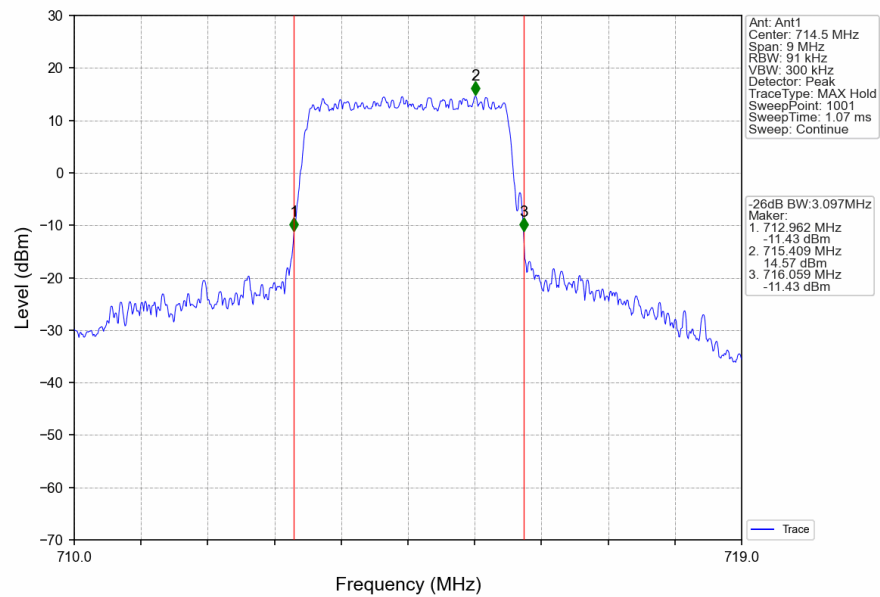
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



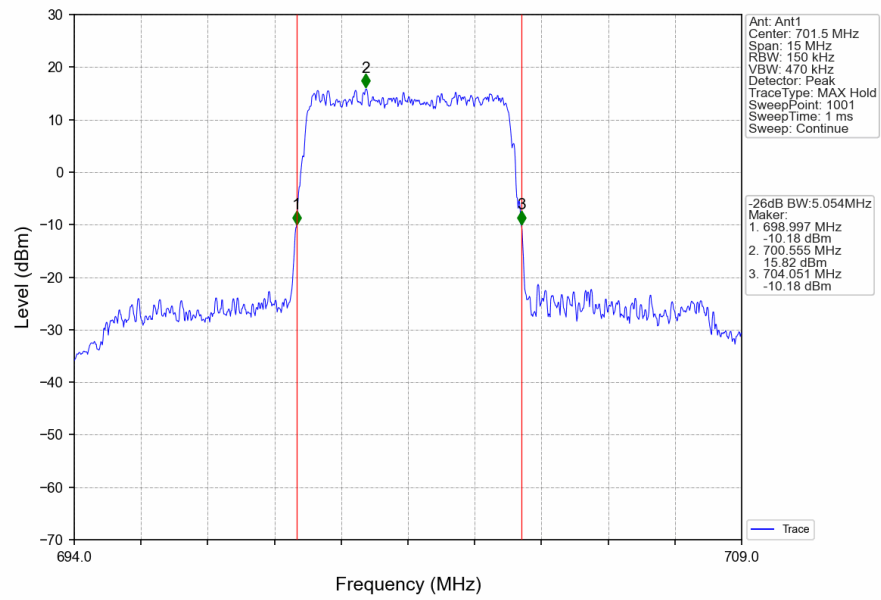
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



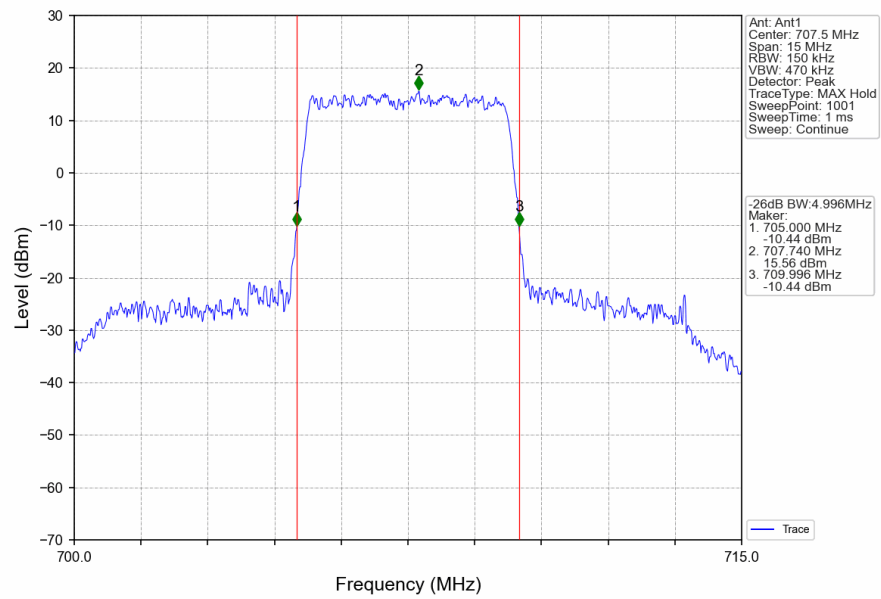
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



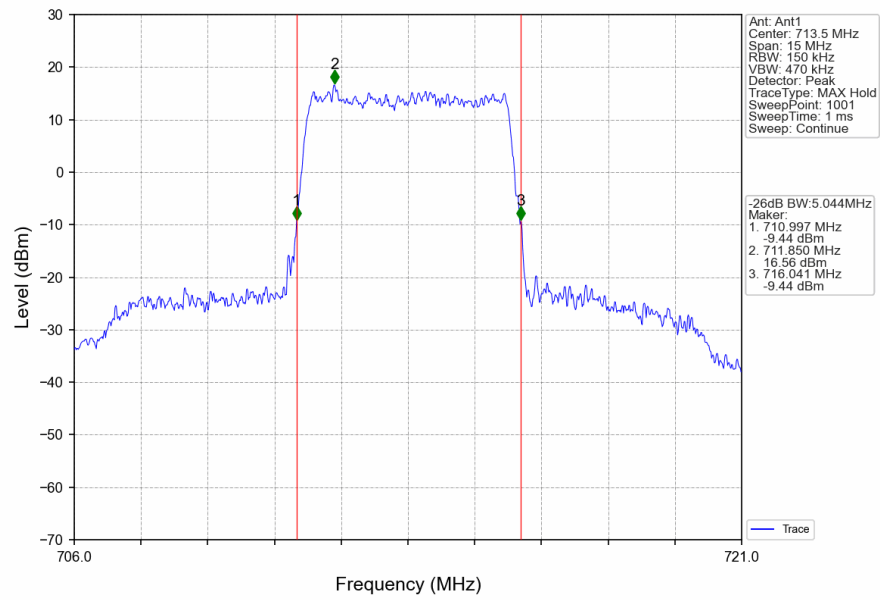
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



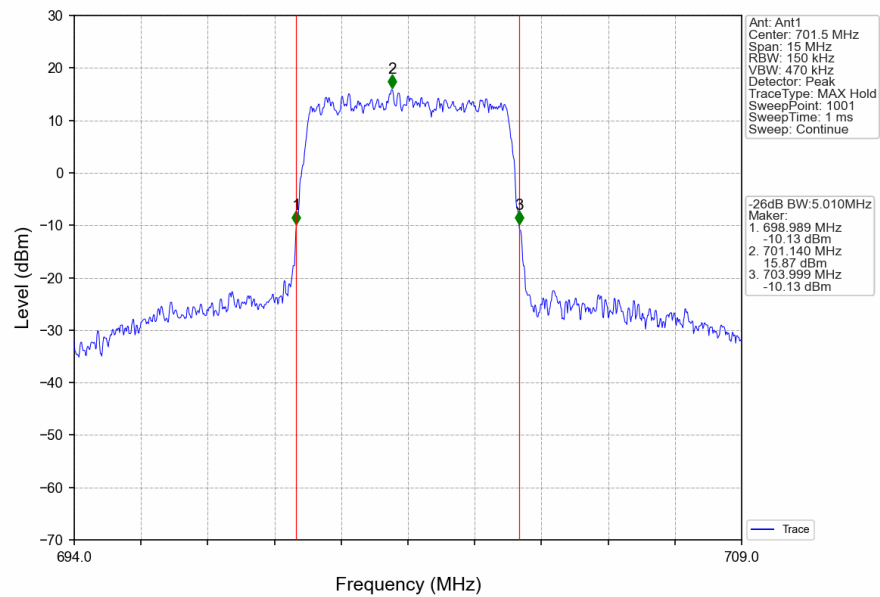
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



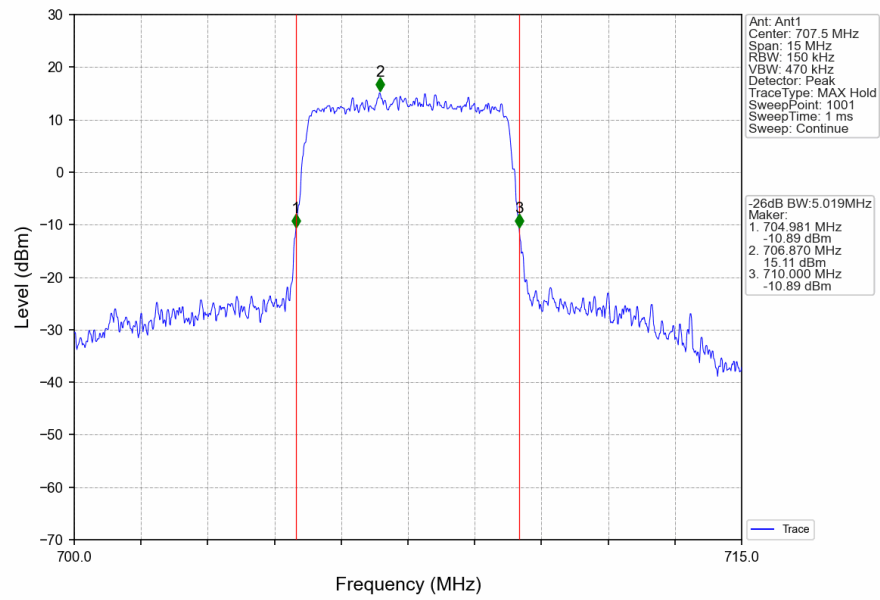
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



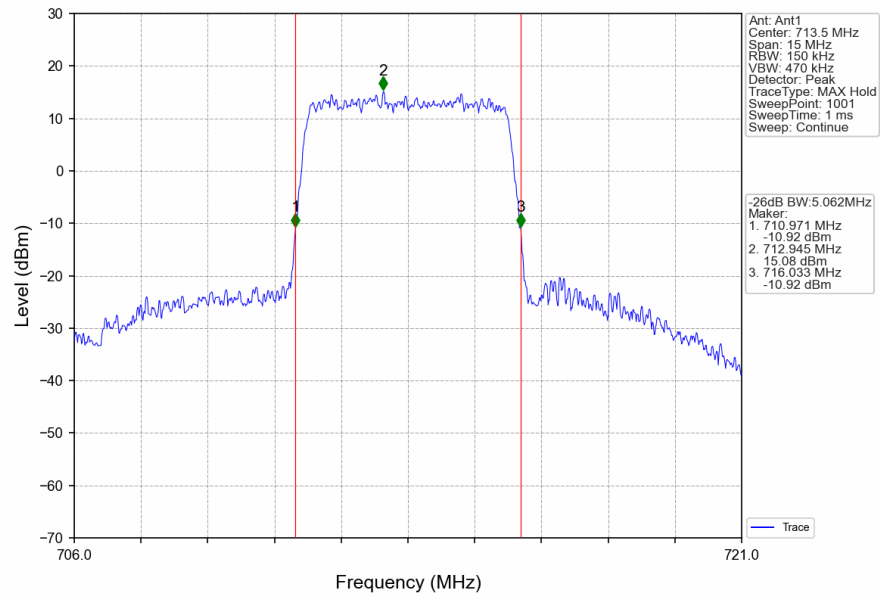
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



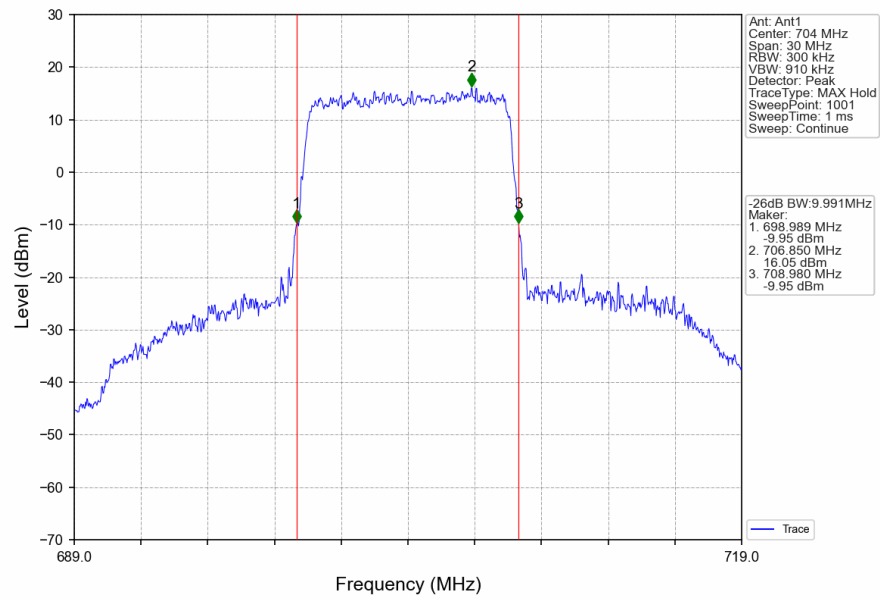
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



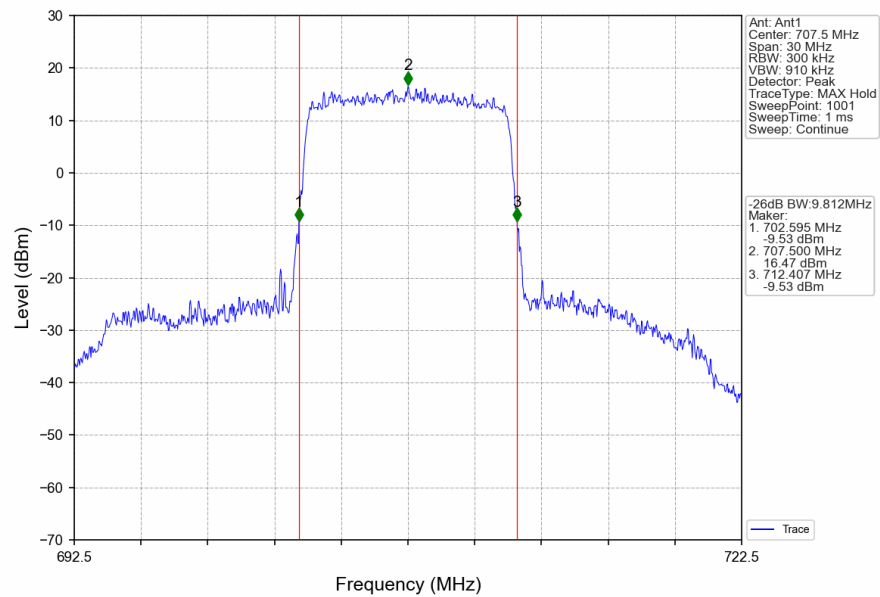
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



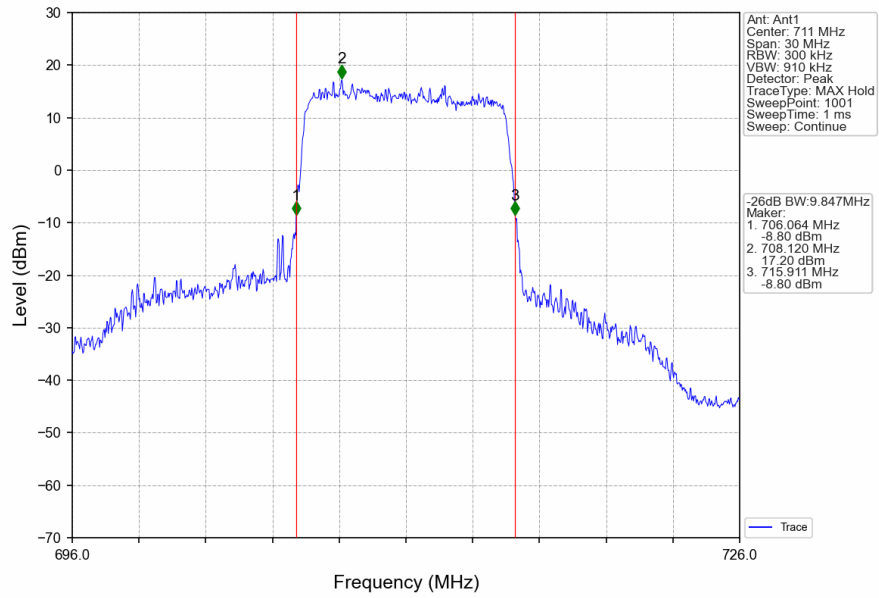
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



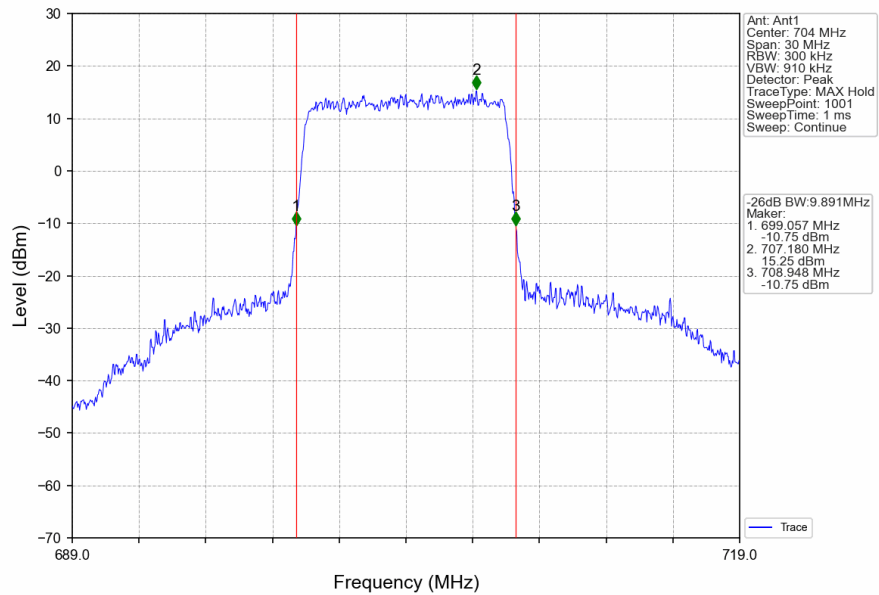
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTN



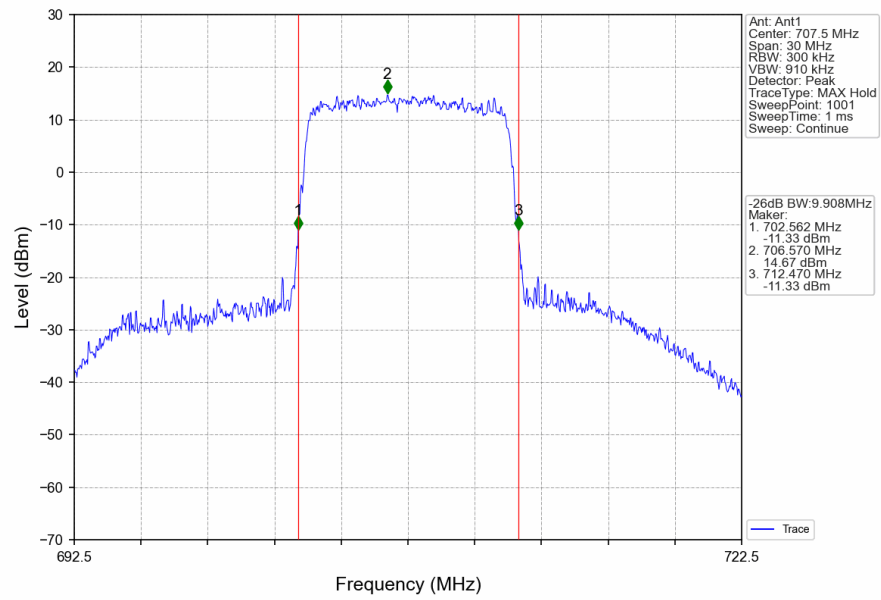
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



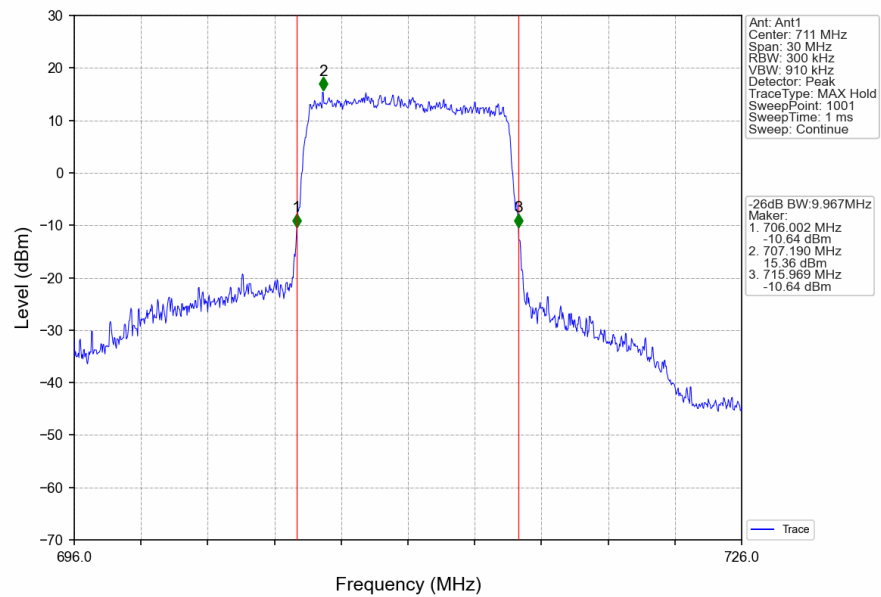
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



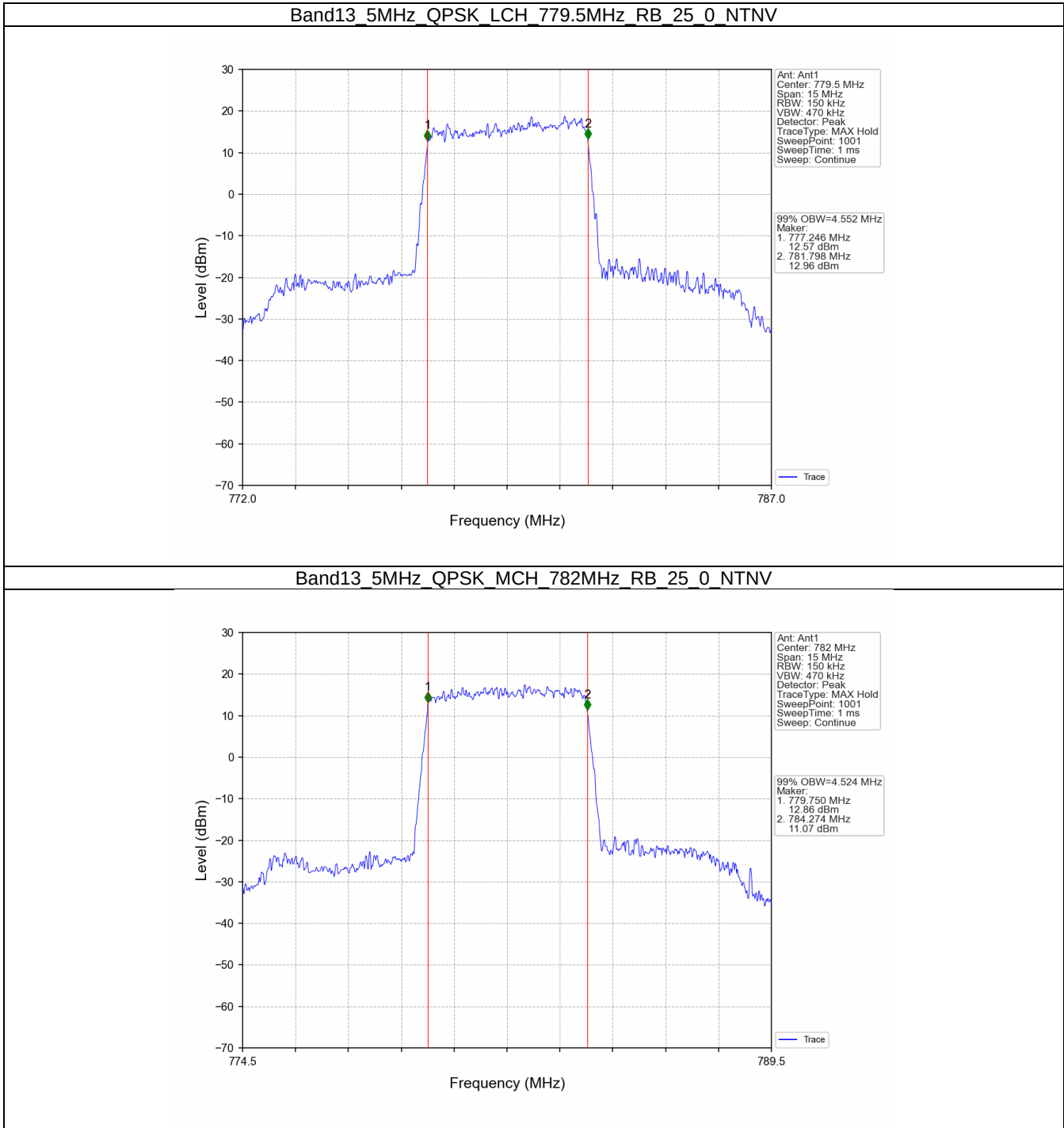
2. 99% & 26dB Bandwidth

2.1 Band13_OBW

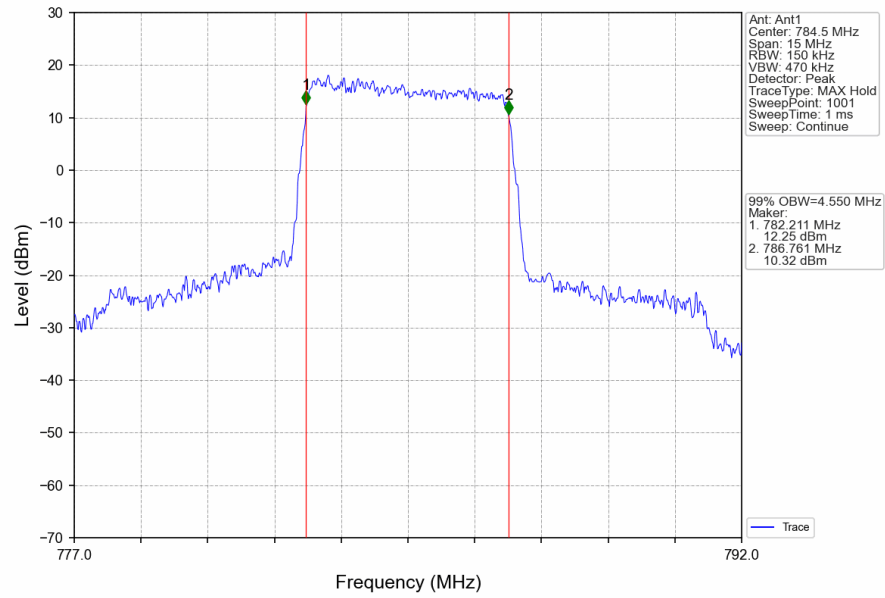
2.1.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.552	Pass
		782	25	0	4.524	Pass
		784.5	25	0	4.550	Pass
	16QAM	779.5	25	0	4.563	Pass
		782	25	0	4.541	Pass
		784.5	25	0	4.547	Pass
10	QPSK	782	50	0	9.008	Pass
		782	50	0	9.006	Pass
		782	50	0	8.963	Pass
	16QAM	782	50	0	8.979	Pass
		782	50	0	8.970	Pass
		782	50	0	8.982	Pass

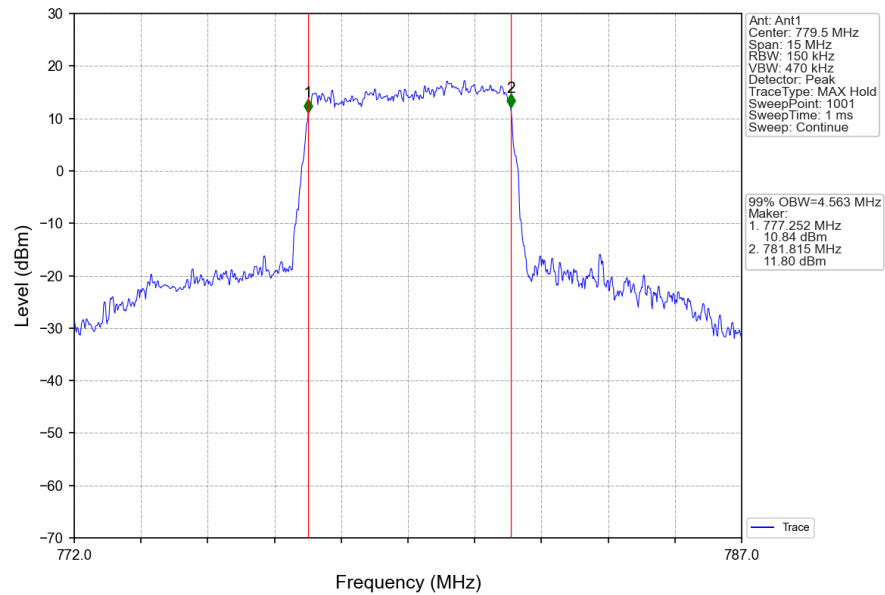
2.1.2 Test Graph



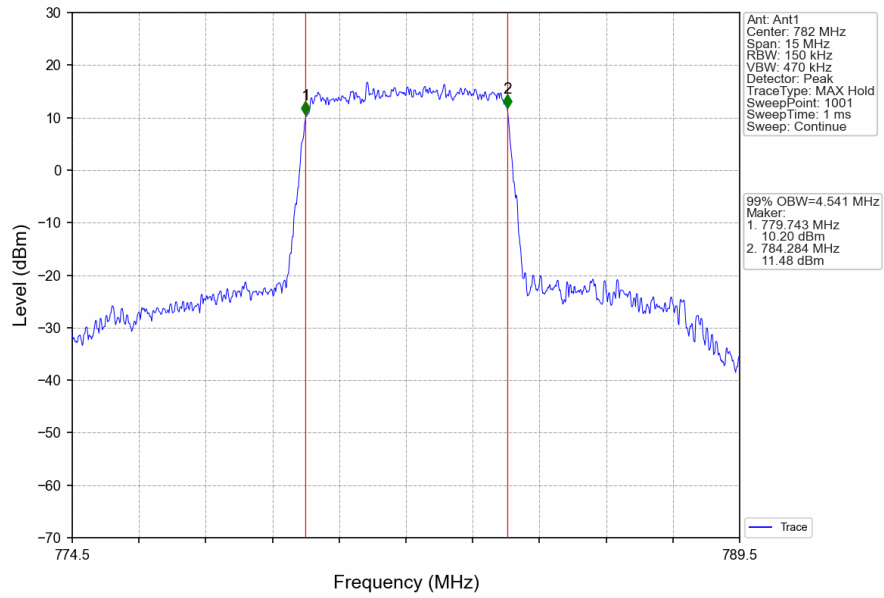
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



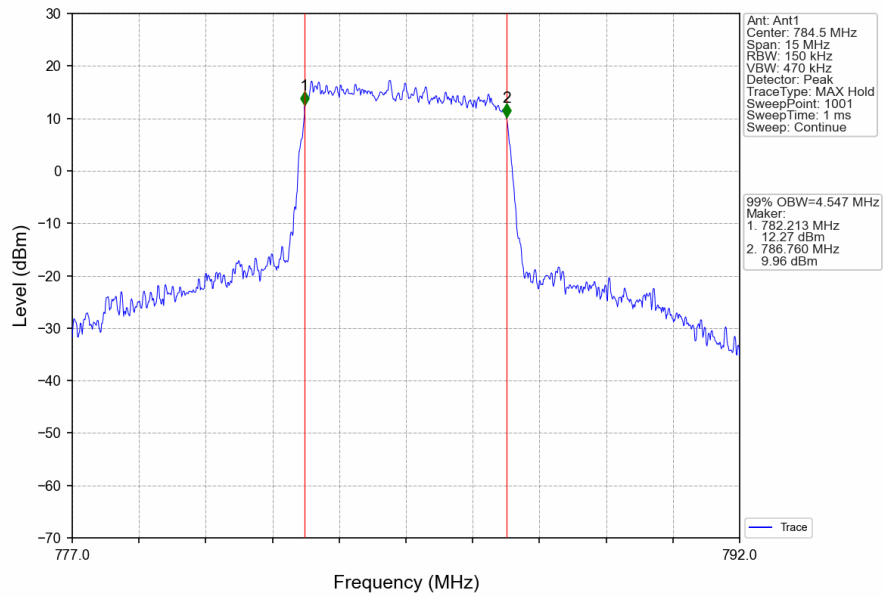
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



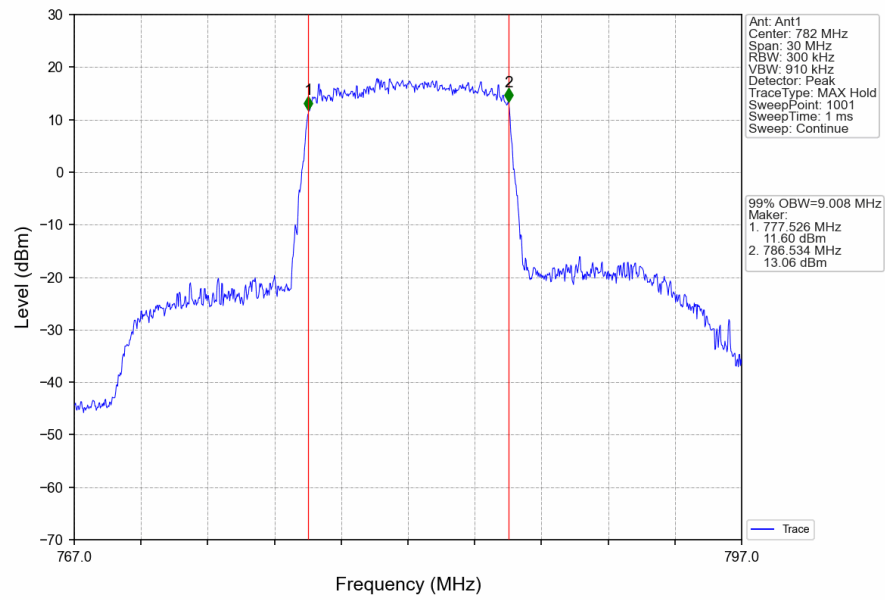
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



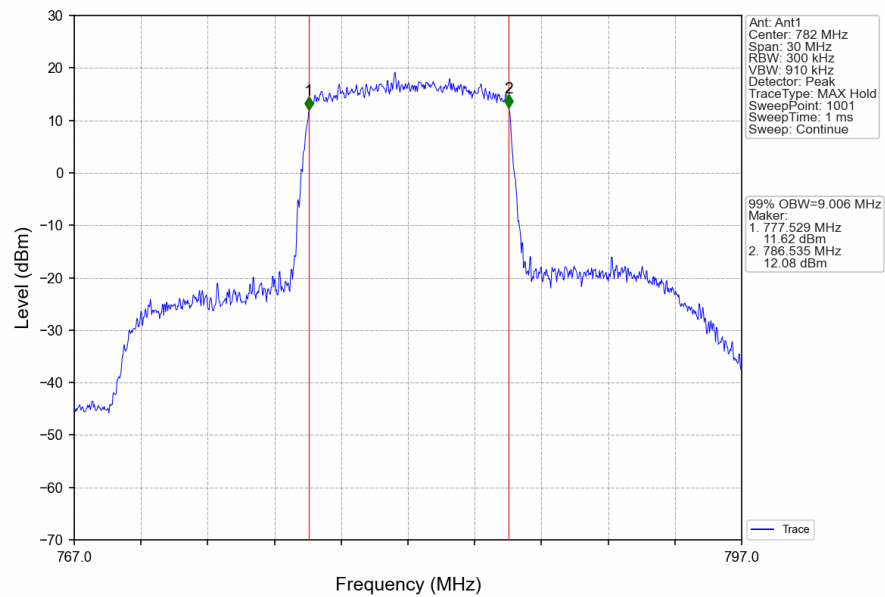
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



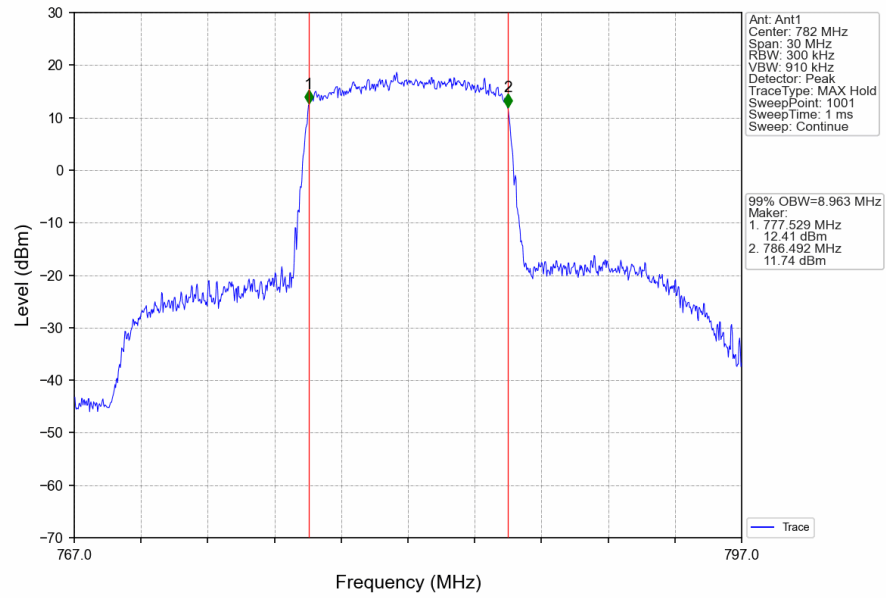
Band13 10MHz QPSK LCH 782MHz RB 50 0 NTN



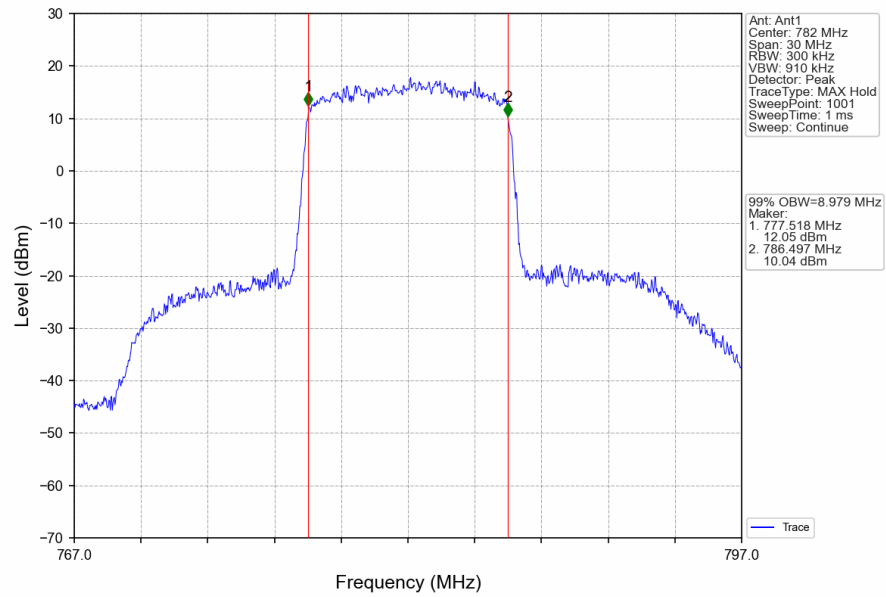
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTN



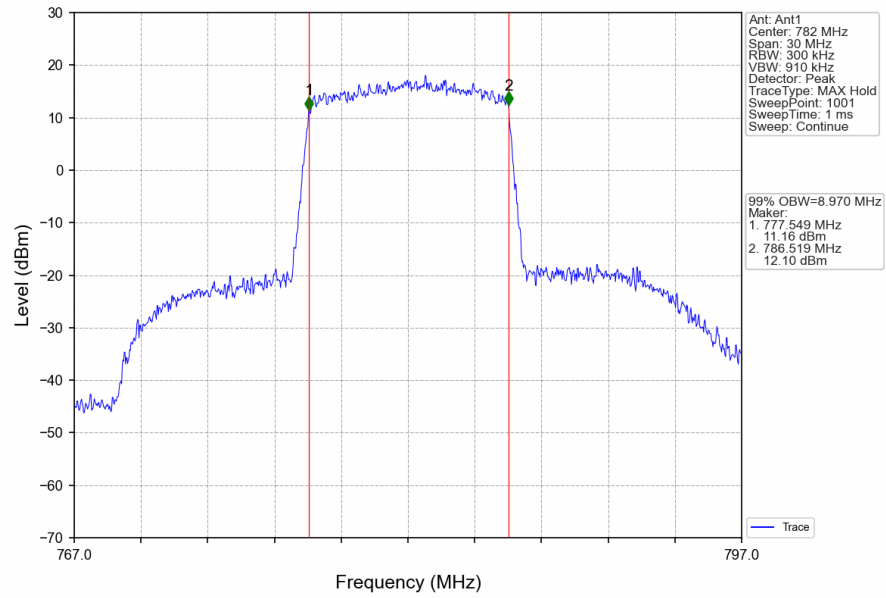
Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



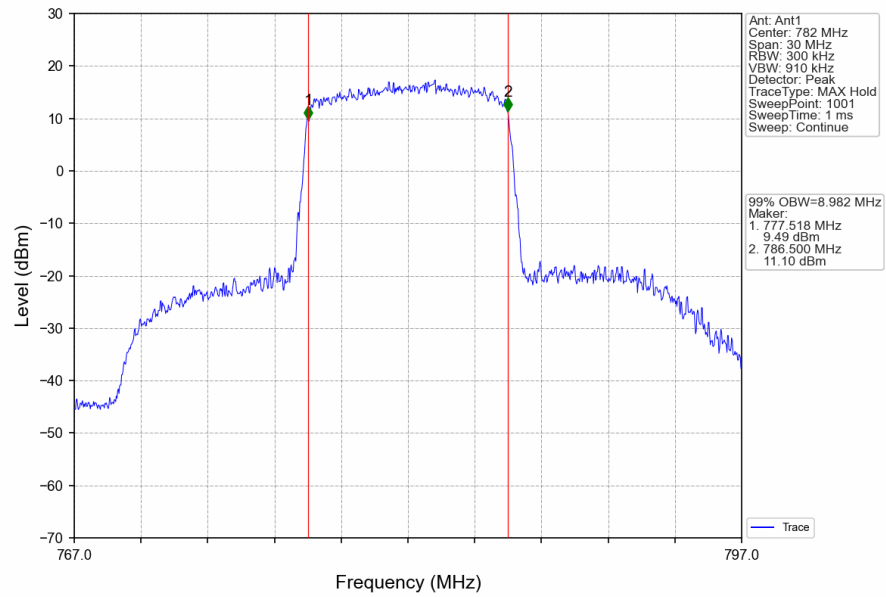
Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV

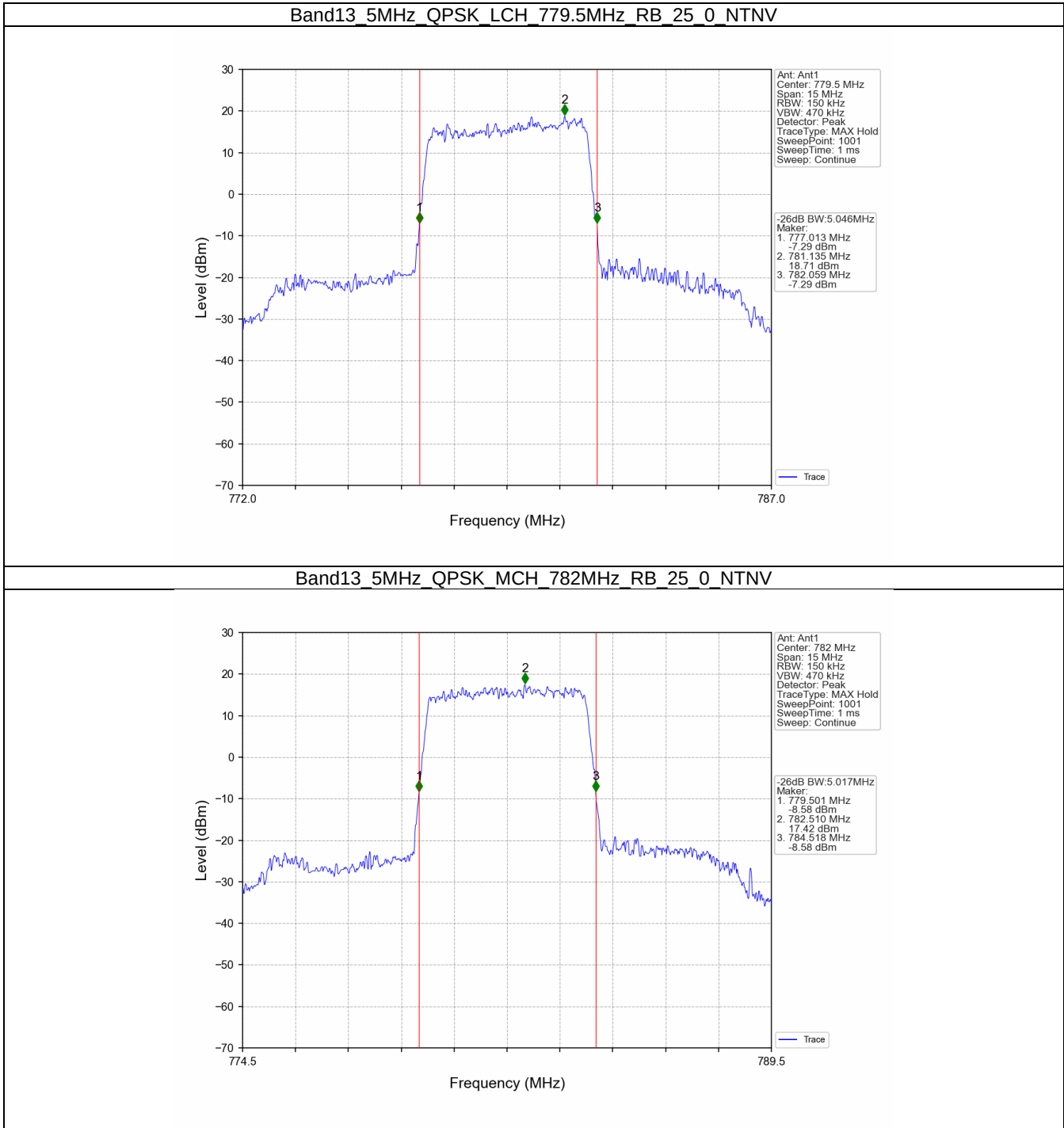


2.2 Band13_XDB

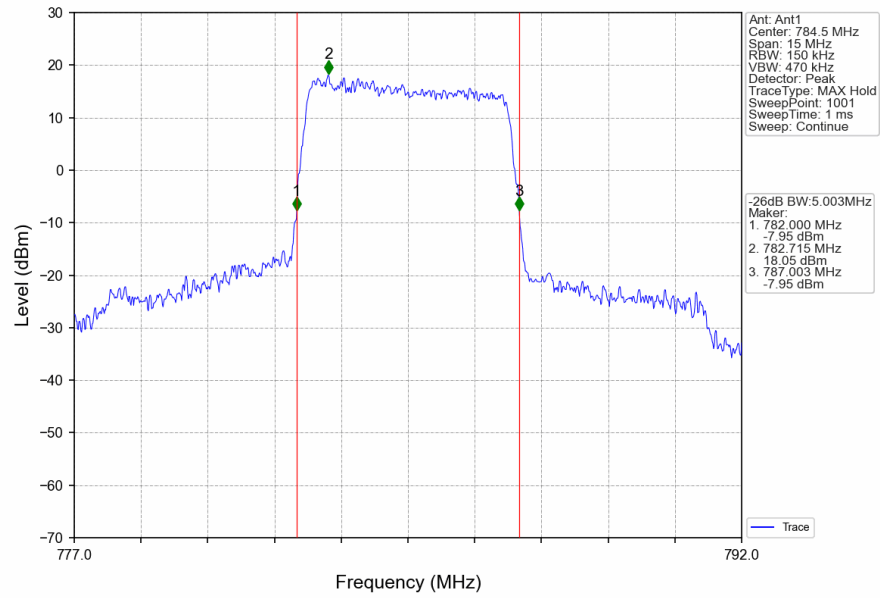
2.2.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.046	Pass
		782	25	0	5.017	Pass
		784.5	25	0	5.003	Pass
	16QAM	779.5	25	0	5.030	Pass
		782	25	0	5.039	Pass
		784.5	25	0	5.003	Pass
10	QPSK	782	50	0	9.929	Pass
		782	50	0	9.886	Pass
		782	50	0	9.803	Pass
	16QAM	782	50	0	9.795	Pass
		782	50	0	9.853	Pass
		782	50	0	9.923	Pass

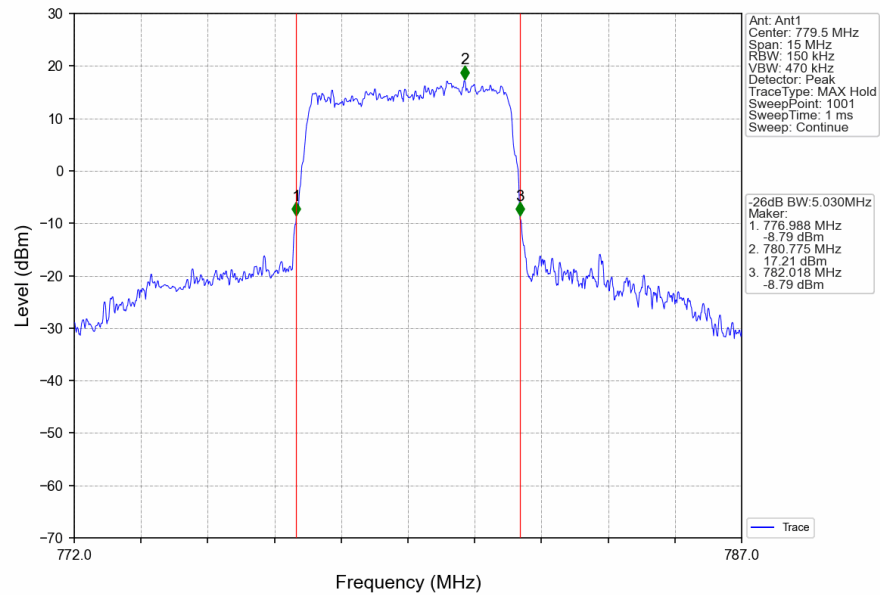
2.2.2 Test Graph



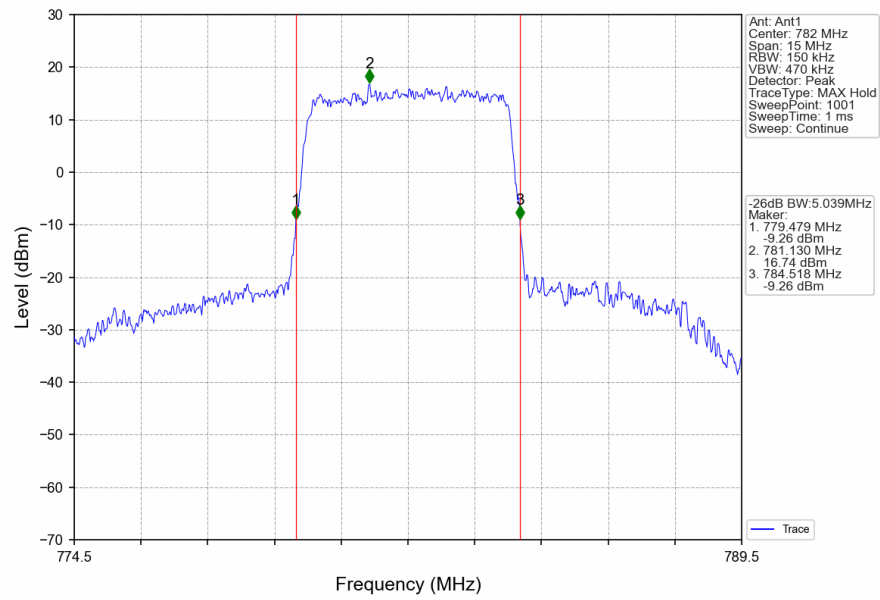
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



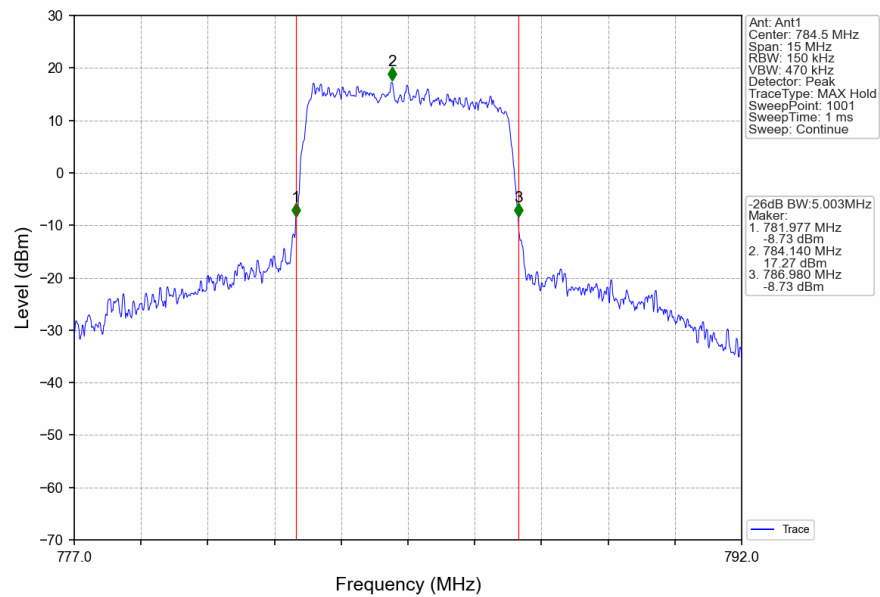
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



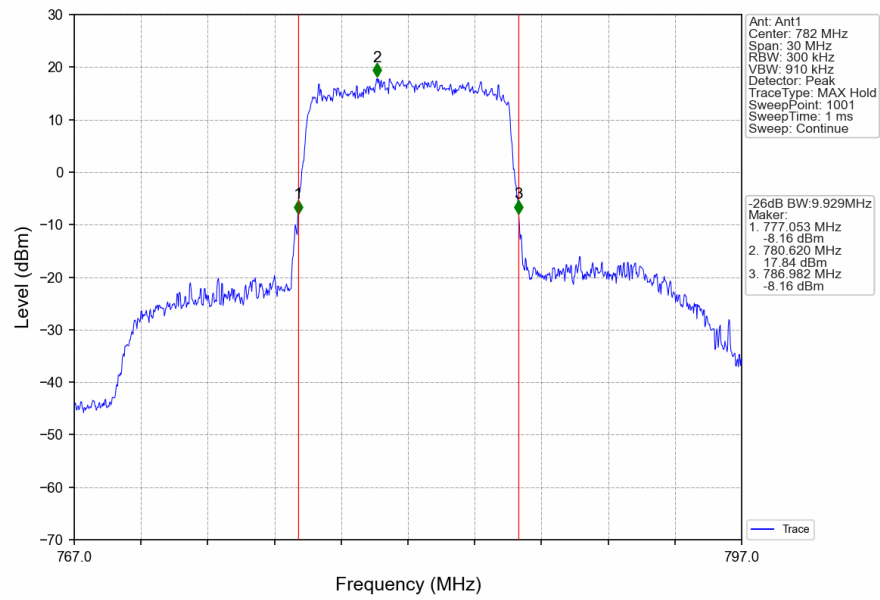
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



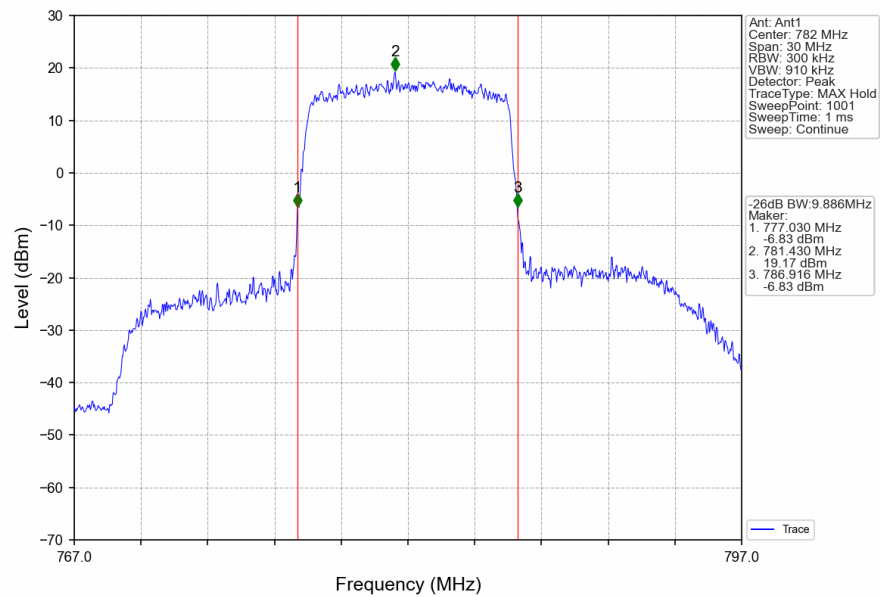
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



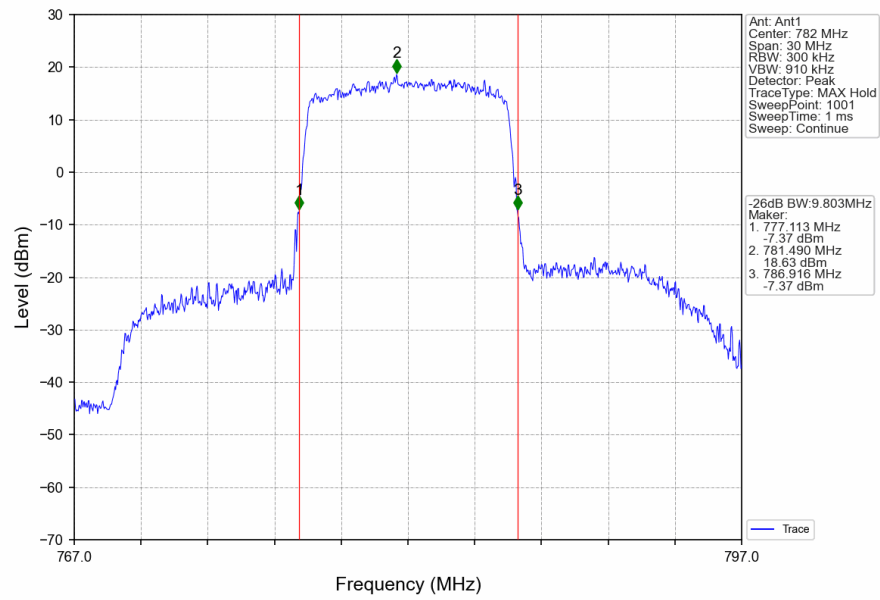
Band13 10MHz QPSK LCH 782MHz RB 50 0 NTNV



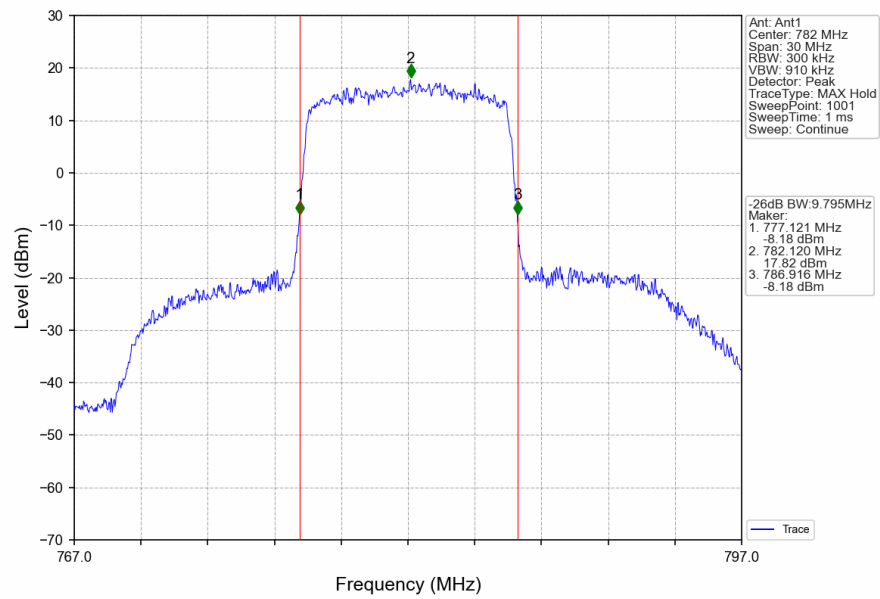
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTNV



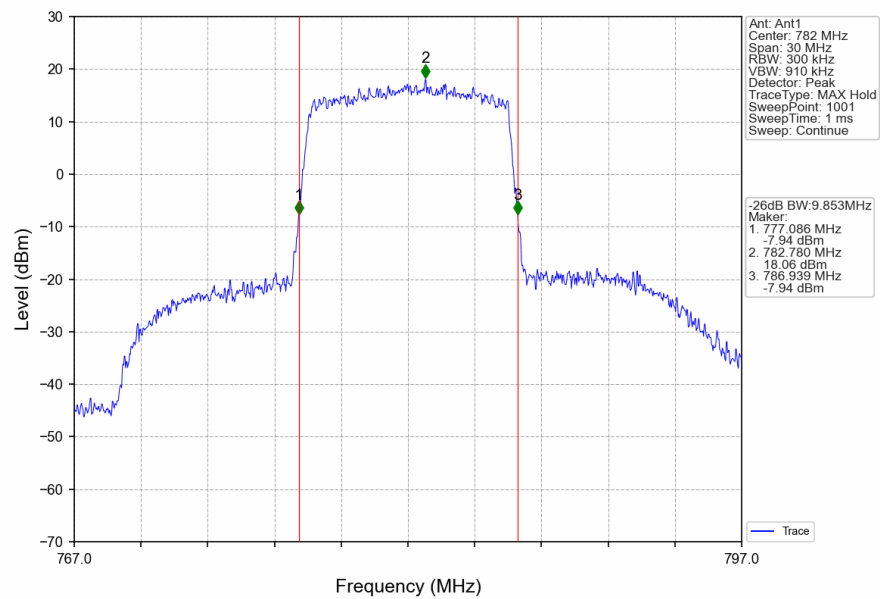
Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



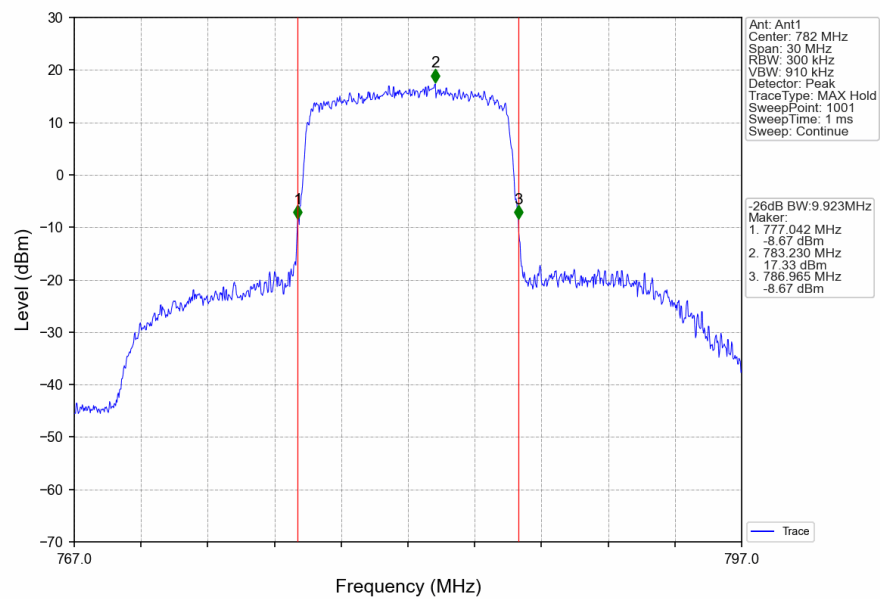
Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



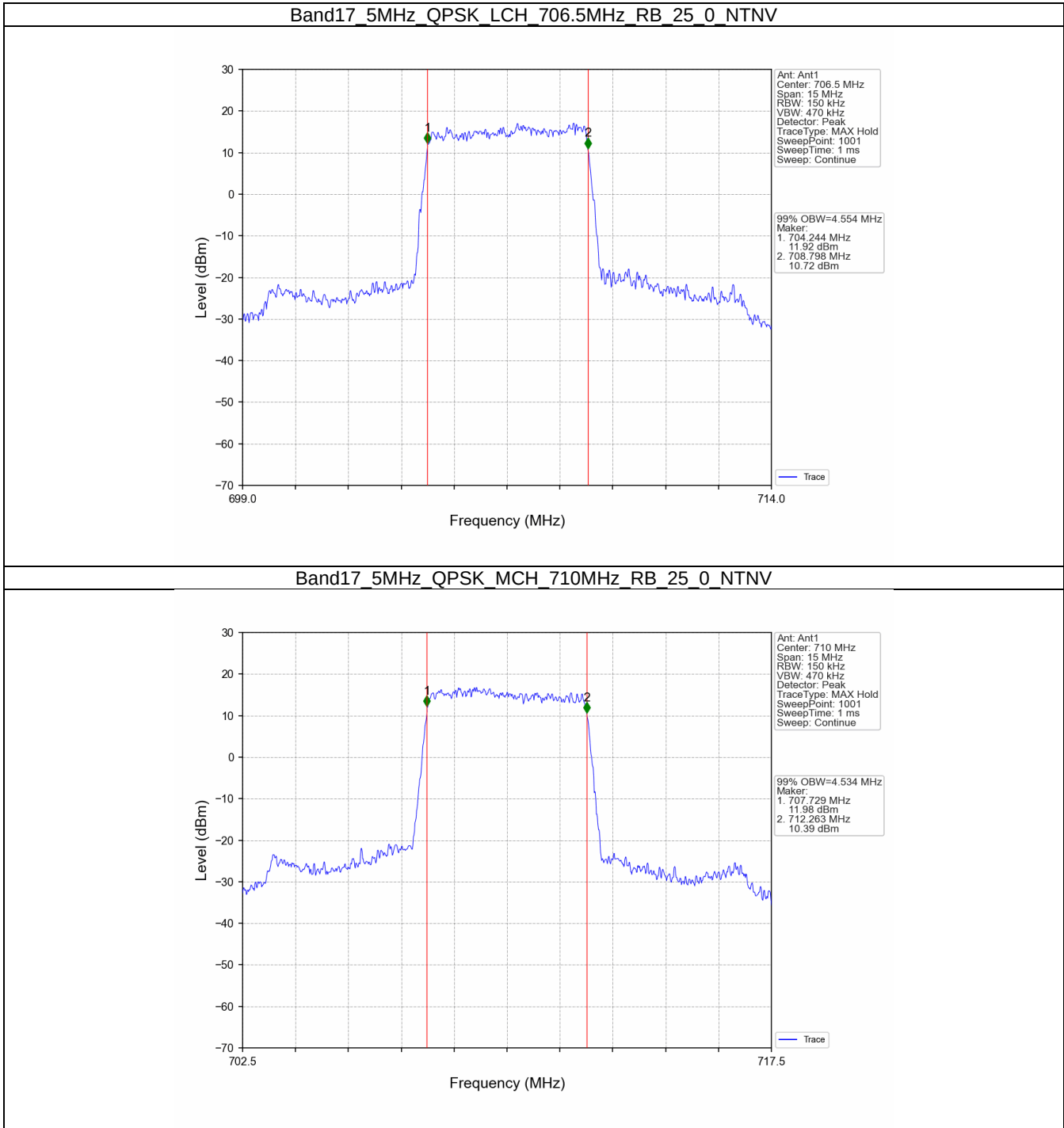
3. 99% & 26dB Bandwidth

3.1 Band17_OBW

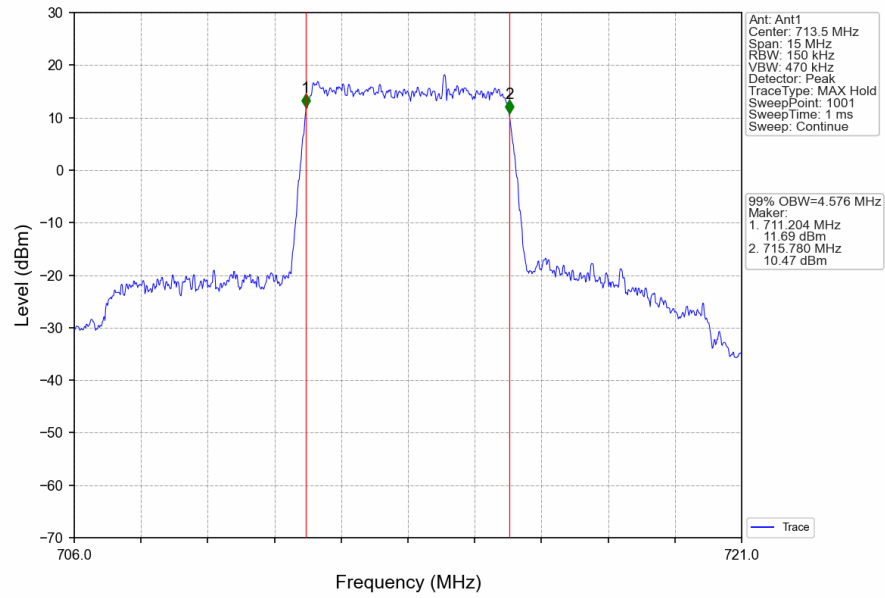
3.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.554	Pass
		710	25	0	4.534	Pass
		713.5	25	0	4.576	Pass
	16QAM	706.5	25	0	4.560	Pass
		710	25	0	4.548	Pass
		713.5	25	0	4.555	Pass
10	QPSK	709	50	0	8.984	Pass
		710	50	0	9.012	Pass
		711	50	0	9.012	Pass
	16QAM	709	50	0	9.000	Pass
		710	50	0	8.996	Pass
		711	50	0	9.022	Pass

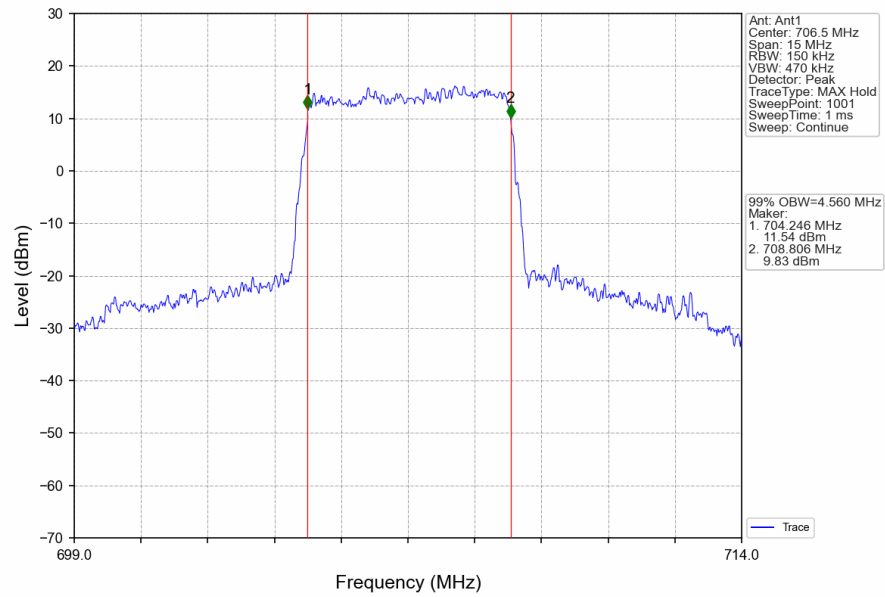
3.1.2 Test Graph



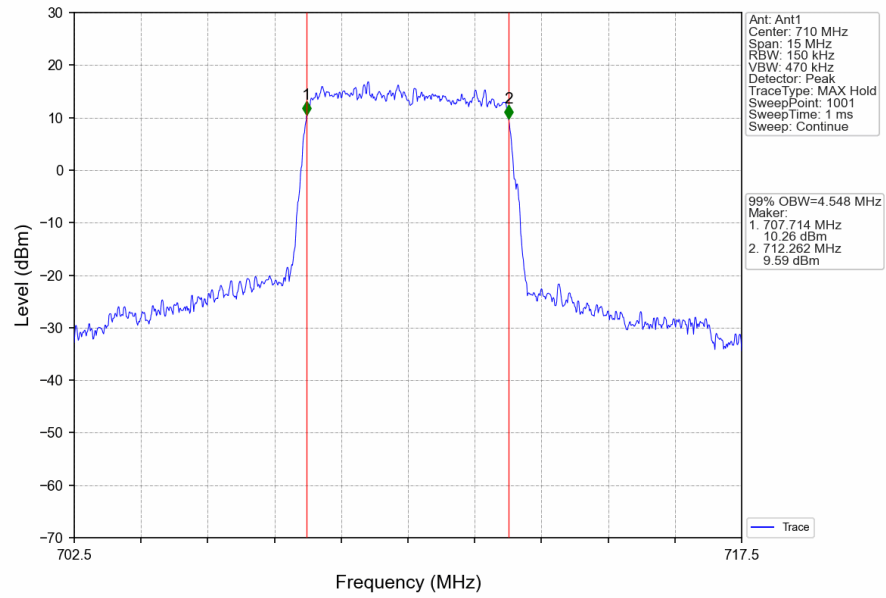
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



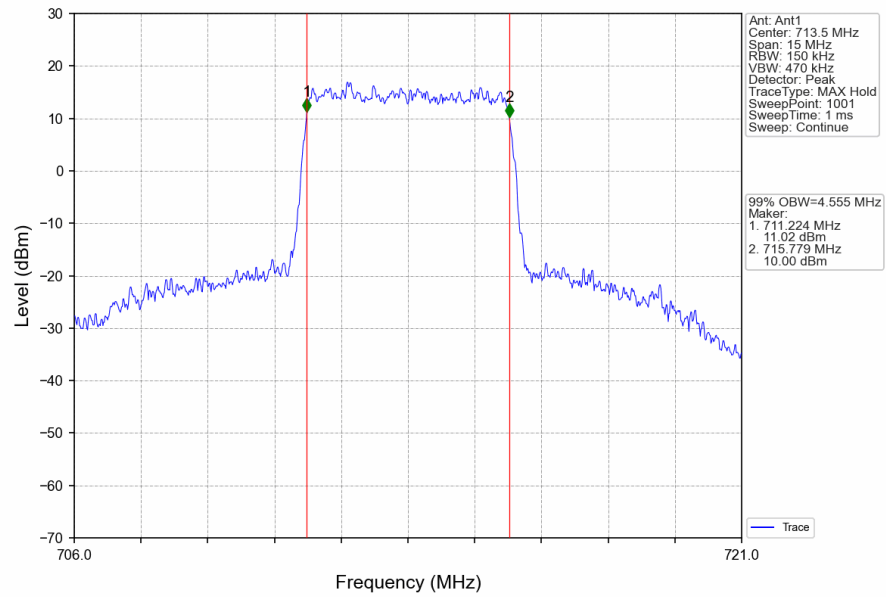
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



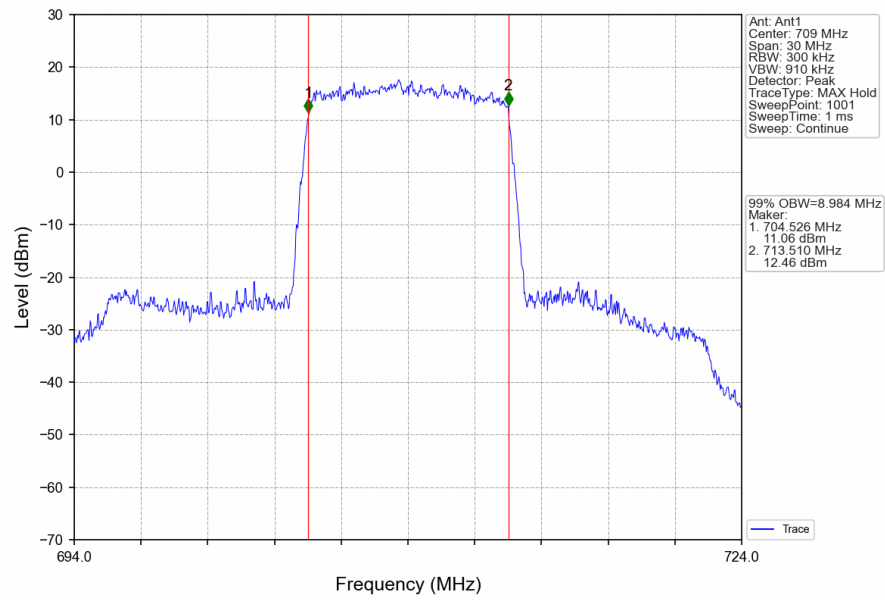
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



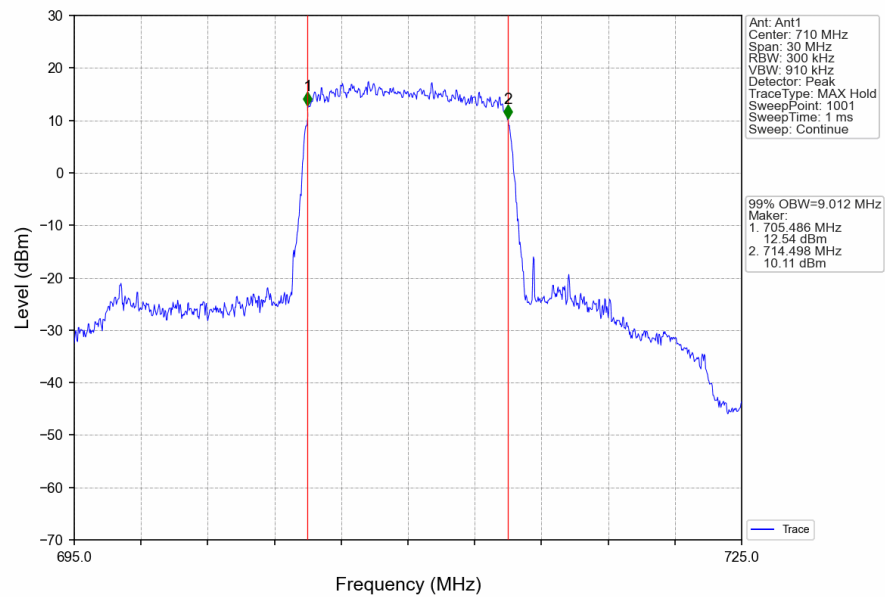
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



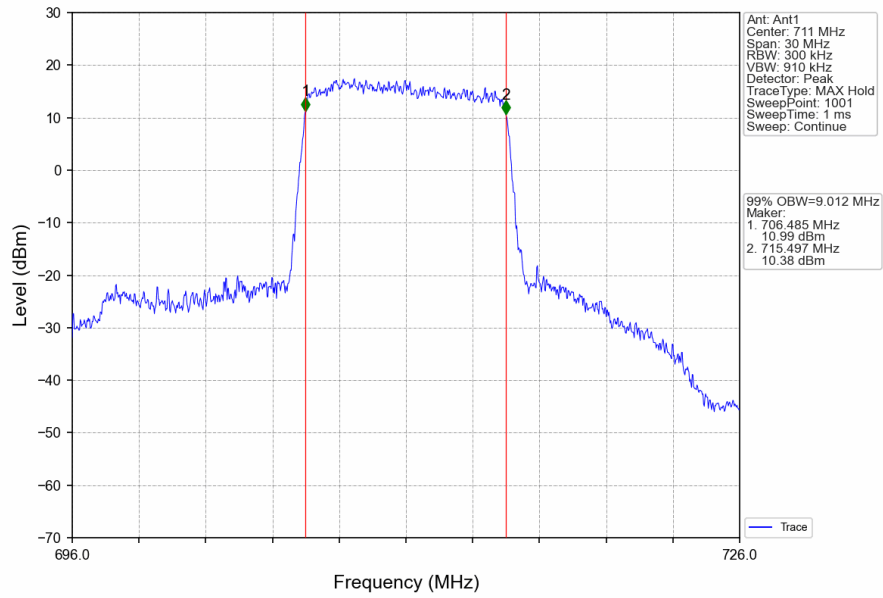
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



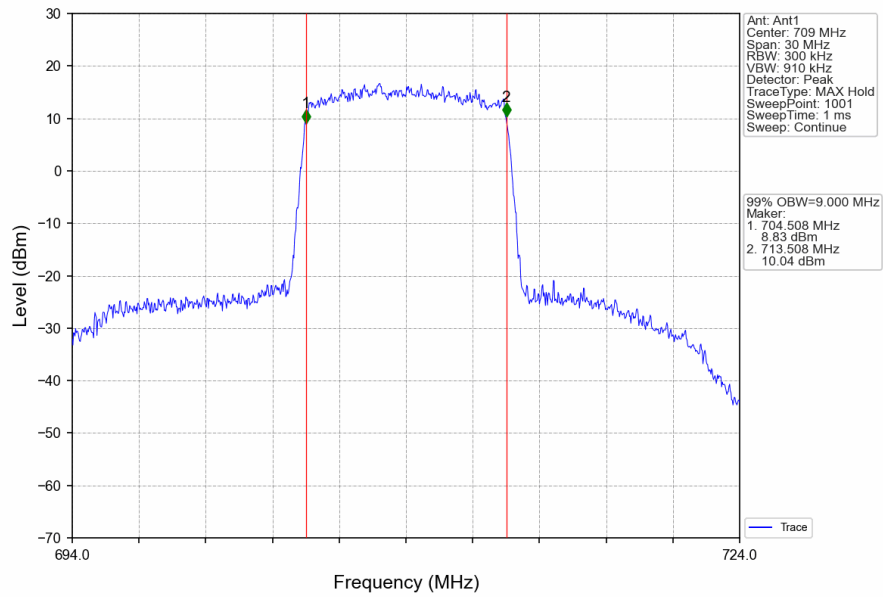
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



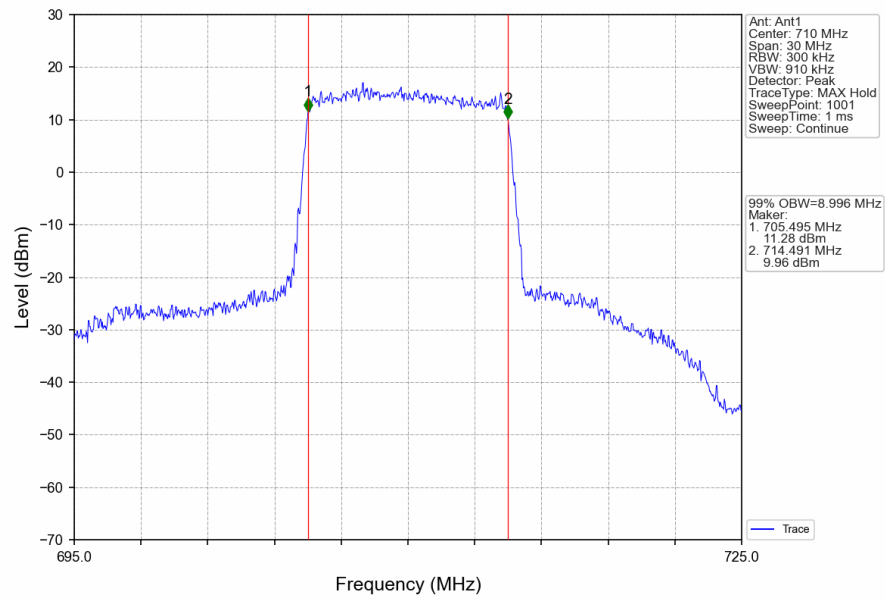
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



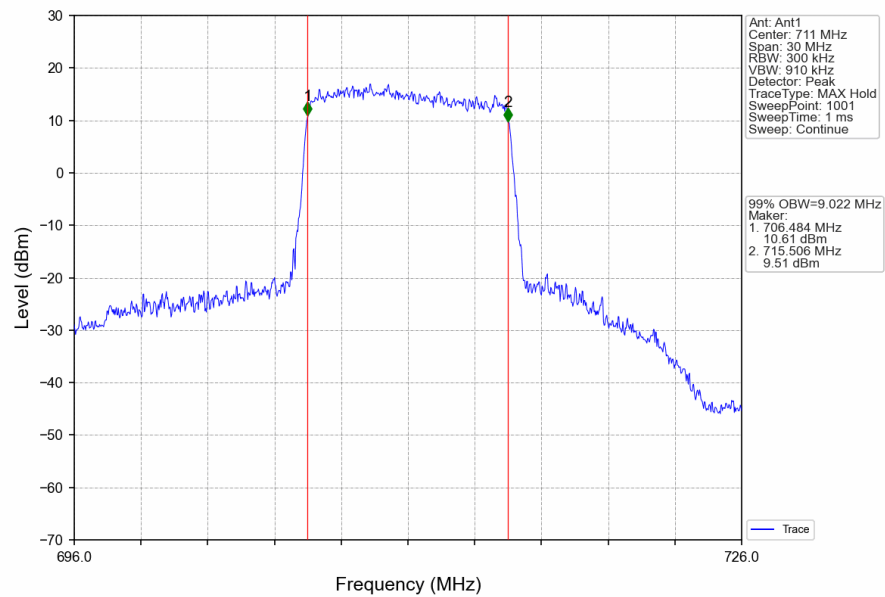
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

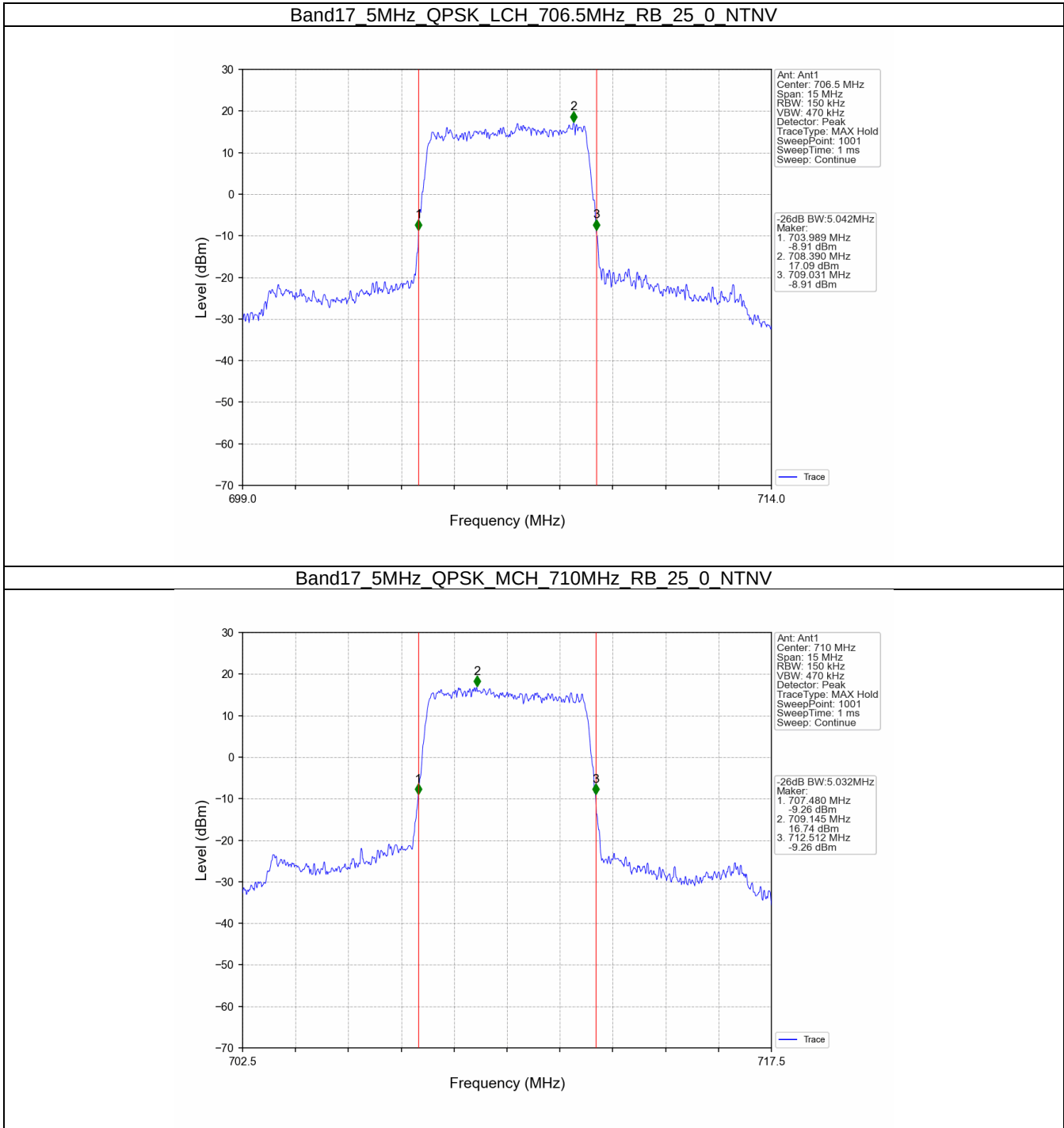


3.2 Band17_XDB

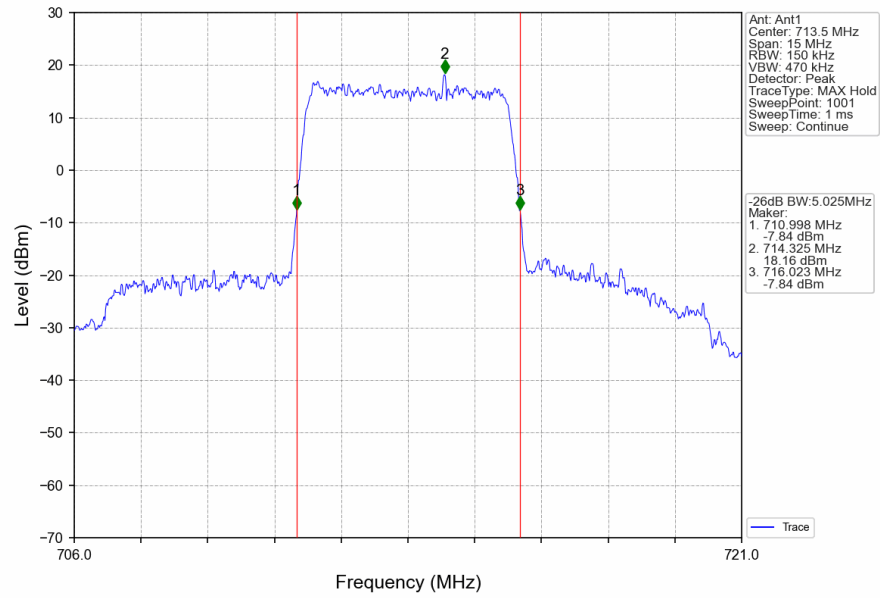
3.2.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.042	Pass
		710	25	0	5.032	Pass
		713.5	25	0	5.025	Pass
	16QAM	706.5	25	0	5.073	Pass
		710	25	0	5.029	Pass
		713.5	25	0	4.984	Pass
10	QPSK	709	50	0	9.882	Pass
		710	50	0	9.824	Pass
		711	50	0	9.876	Pass
	16QAM	709	50	0	9.902	Pass
		710	50	0	9.914	Pass
		711	50	0	9.866	Pass

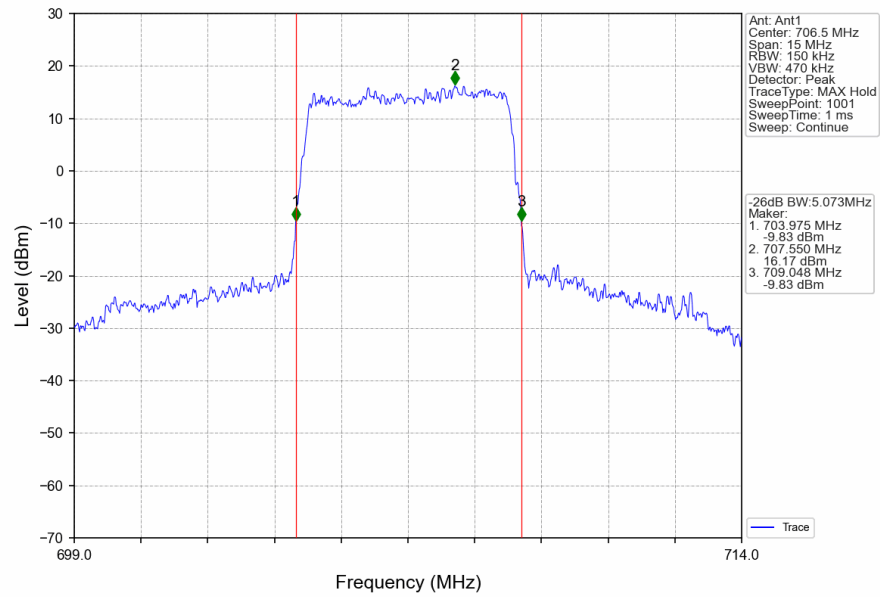
3.2.2 Test Graph



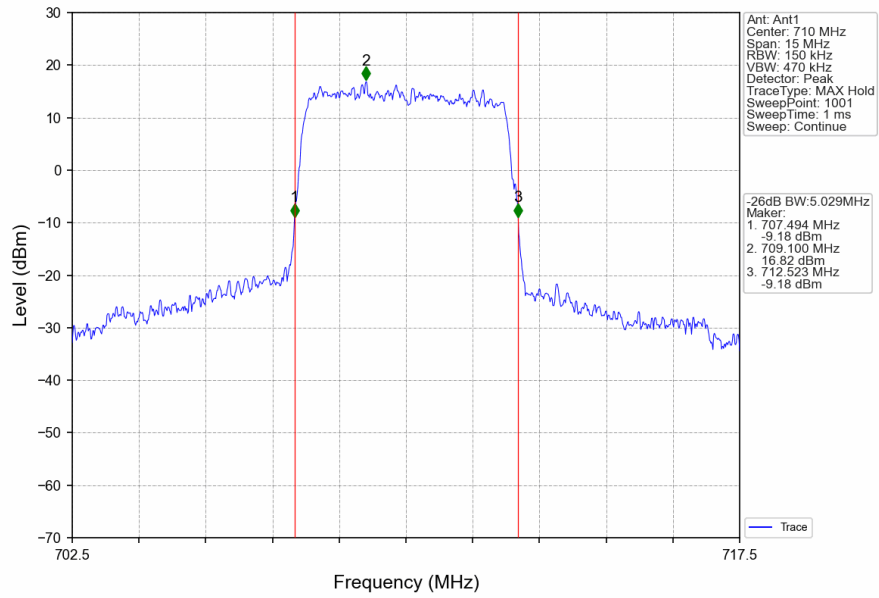
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



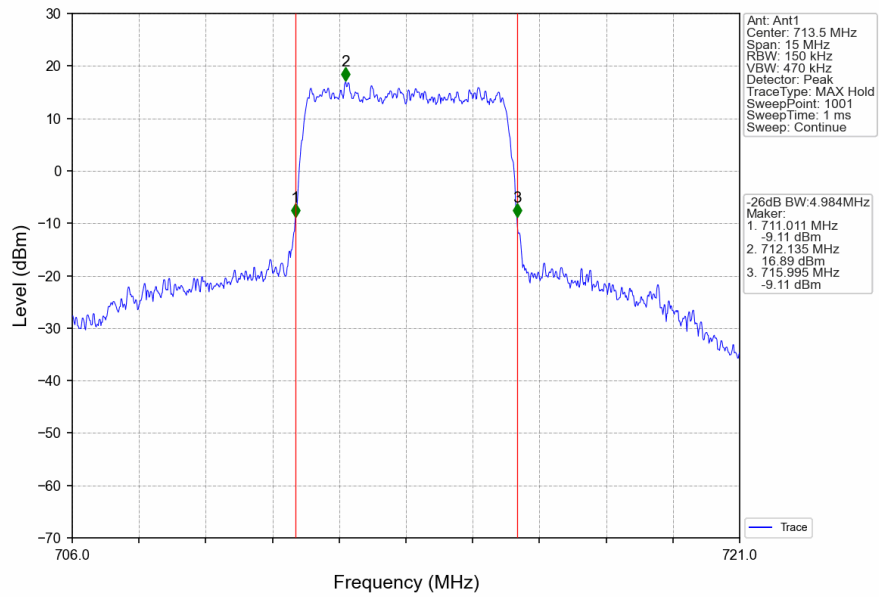
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



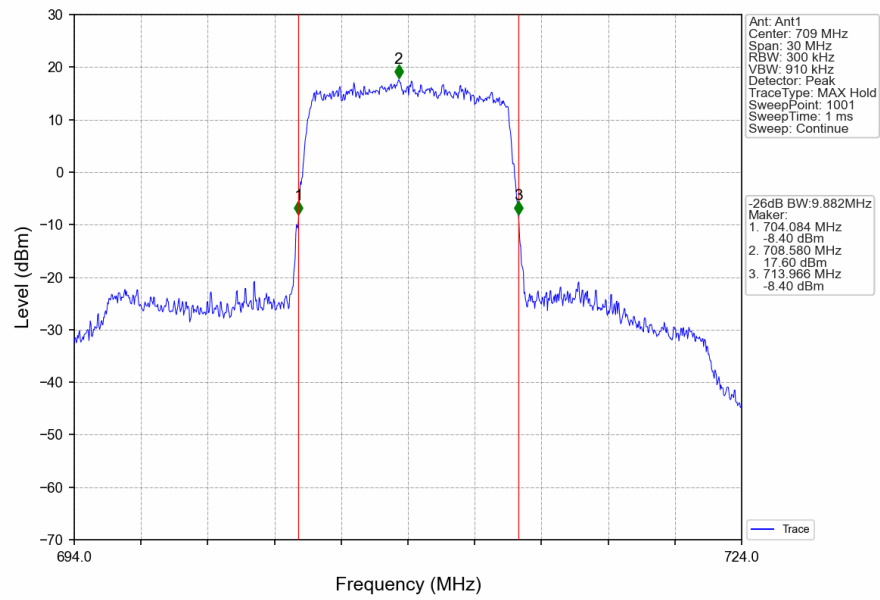
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



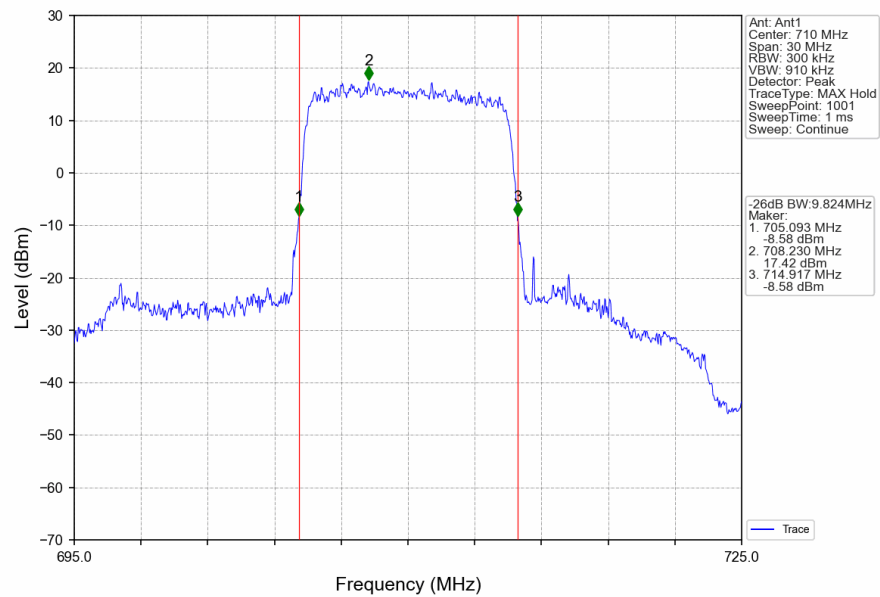
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



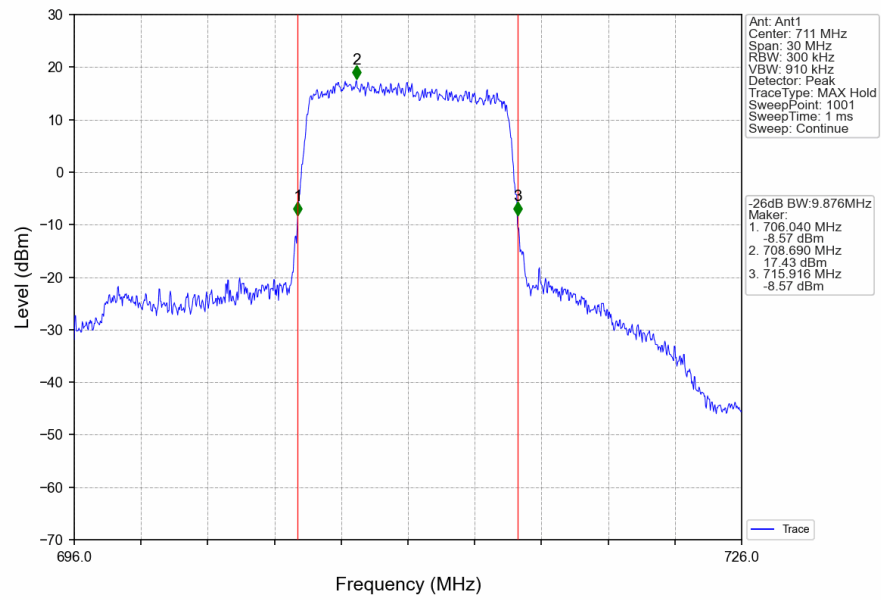
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



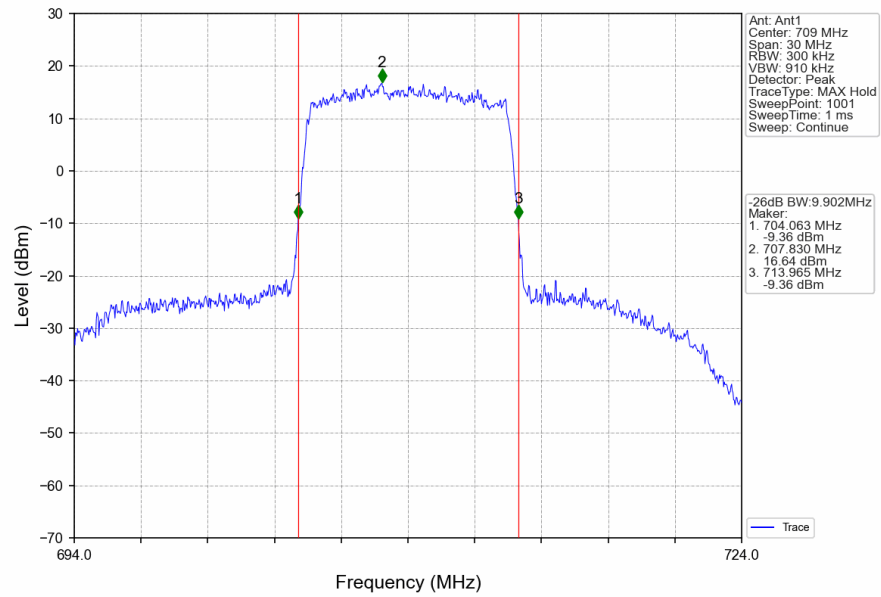
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



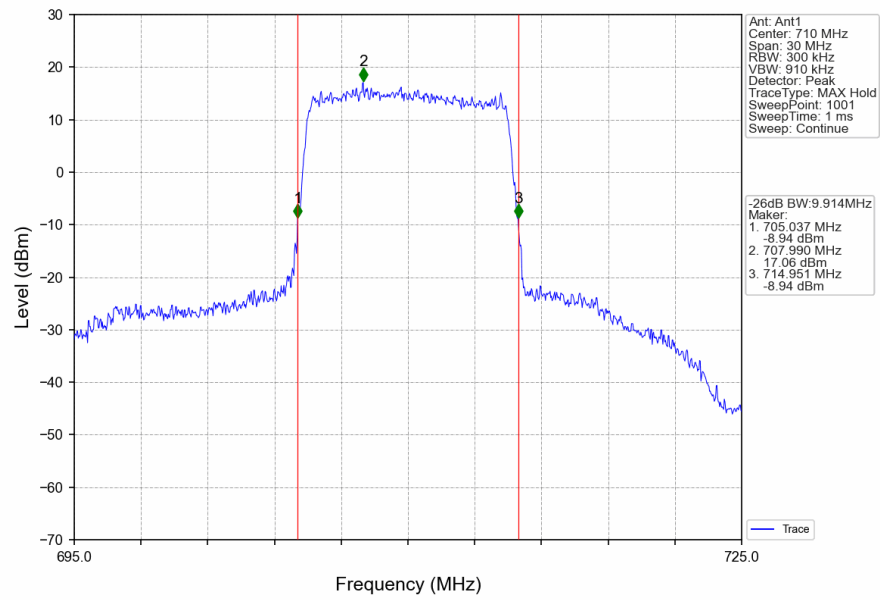
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



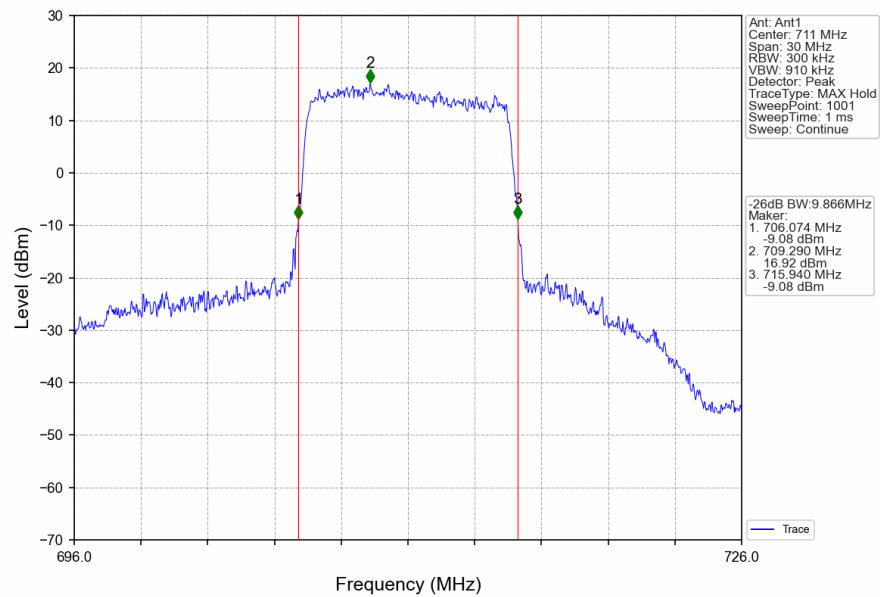
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



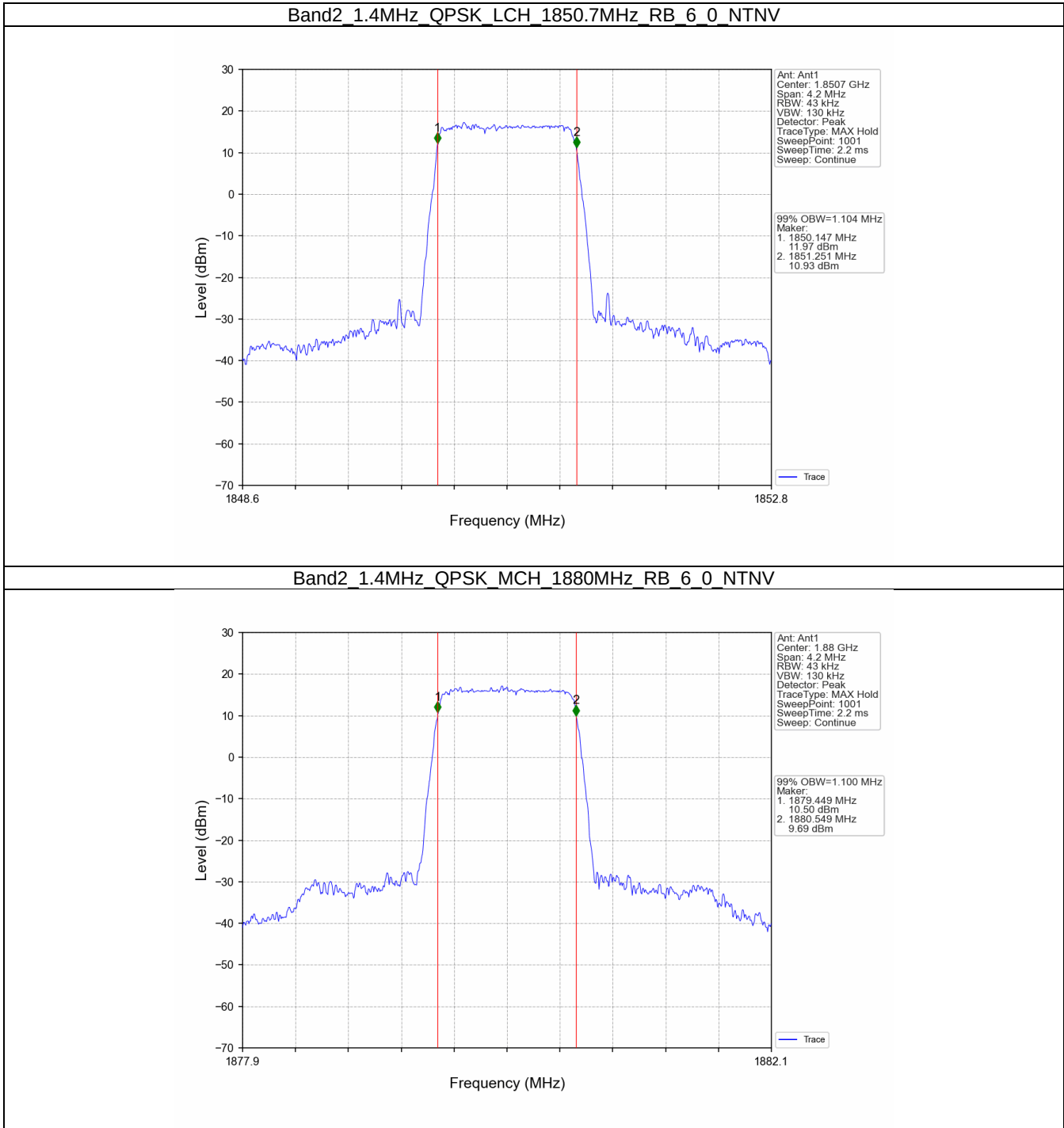
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

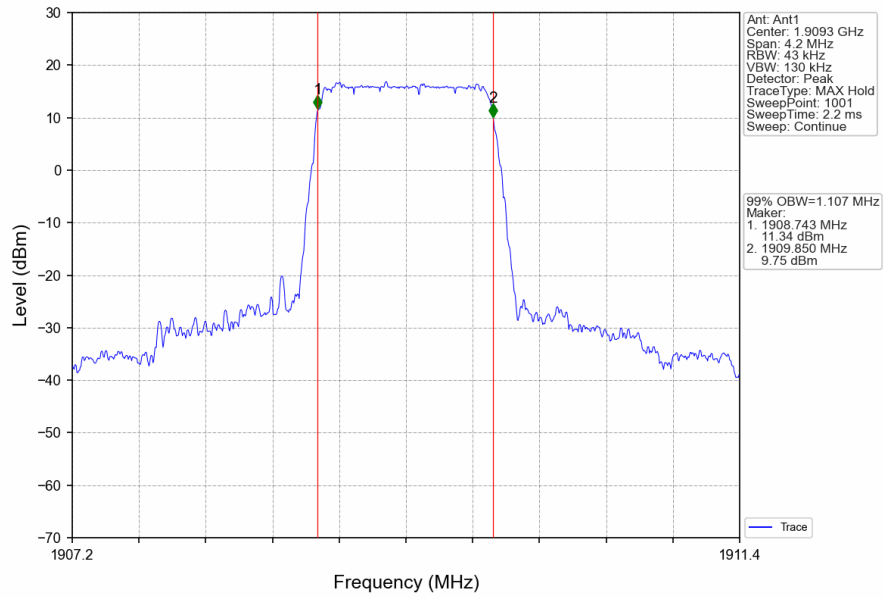
4.1.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.104	Pass
		1880	6	0	1.100	Pass
		1909.3	6	0	1.107	Pass
	16QAM	1850.7	6	0	1.105	Pass
		1880	6	0	1.098	Pass
		1909.3	6	0	1.109	Pass
3	QPSK	1851.5	15	0	2.741	Pass
		1880	15	0	2.750	Pass
		1908.5	15	0	2.745	Pass
	16QAM	1851.5	15	0	2.741	Pass
		1880	15	0	2.734	Pass
		1908.5	15	0	2.730	Pass
5	QPSK	1852.5	25	0	4.564	Pass
		1880	25	0	4.549	Pass
		1907.5	25	0	4.559	Pass
	16QAM	1852.5	25	0	4.555	Pass
		1880	25	0	4.556	Pass
		1907.5	25	0	4.558	Pass
10	QPSK	1855	50	0	9.057	Pass
		1880	50	0	9.075	Pass
		1905	50	0	9.064	Pass
	16QAM	1855	50	0	9.062	Pass
		1880	50	0	9.064	Pass
		1905	50	0	9.042	Pass
15	QPSK	1857.5	75	0	13.541	Pass
		1880	75	0	13.551	Pass
		1902.5	75	0	13.528	Pass
	16QAM	1857.5	75	0	13.549	Pass
		1880	75	0	13.583	Pass
		1902.5	75	0	13.499	Pass
20	QPSK	1860	100	0	18.010	Pass
		1880	100	0	18.118	Pass
		1900	100	0	18.000	Pass
	16QAM	1860	100	0	18.115	Pass
		1880	100	0	18.116	Pass
		1900	100	0	18.035	Pass

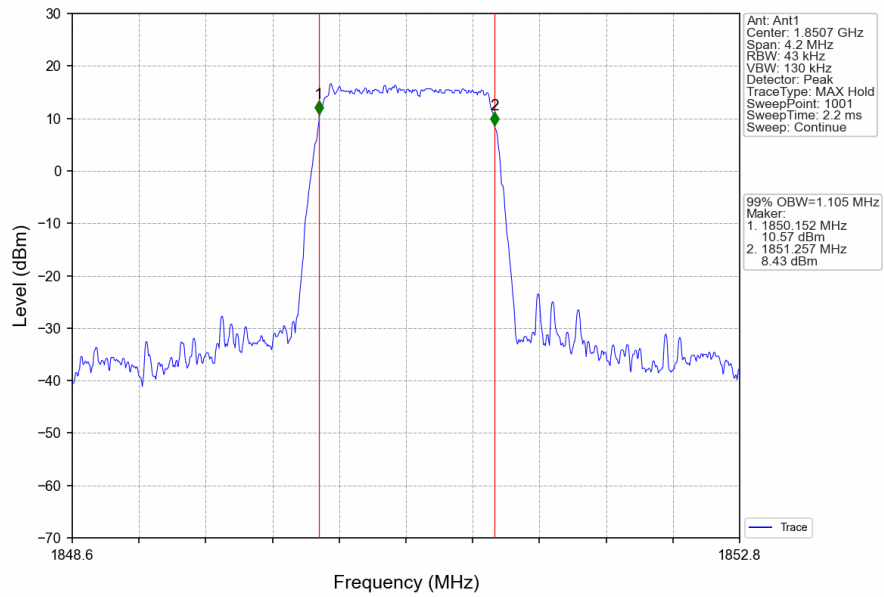
4.1.2 Test Graph



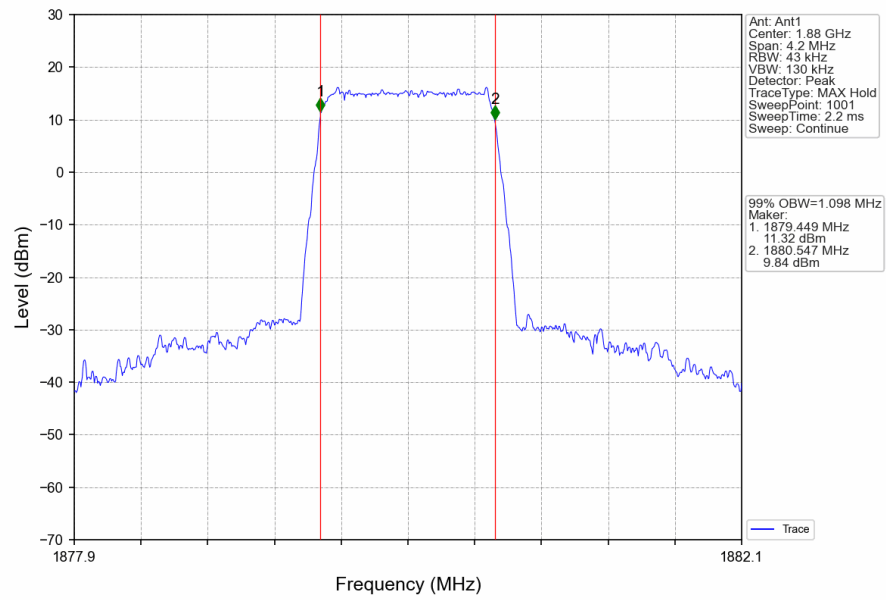
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



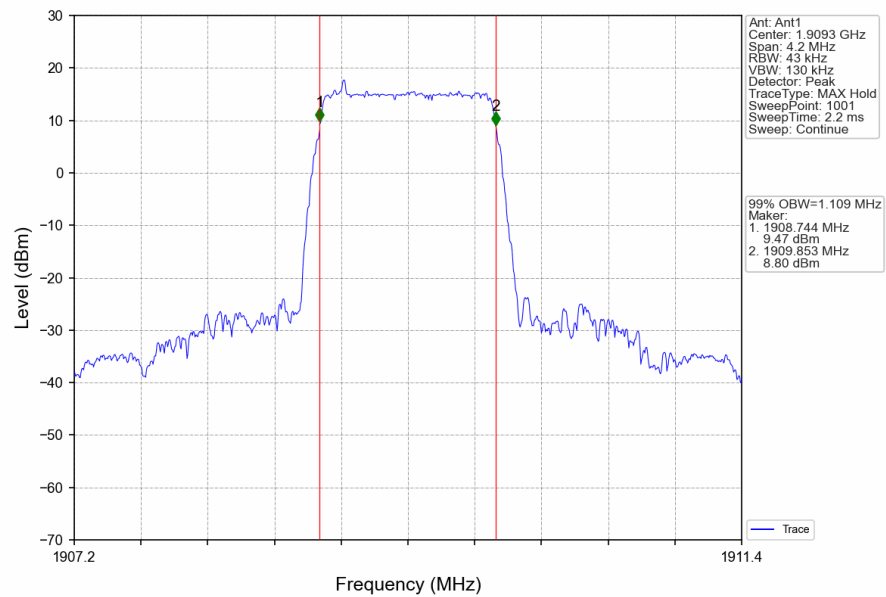
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



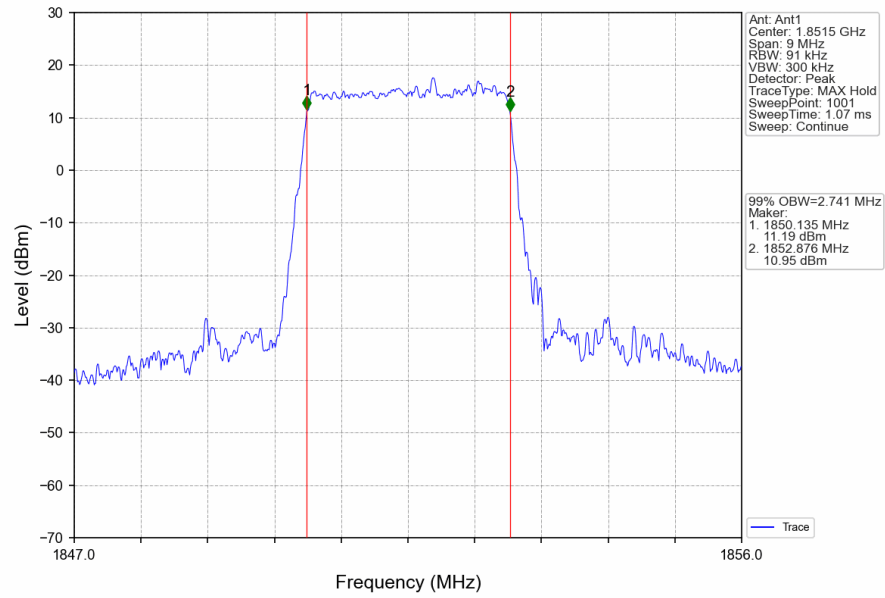
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



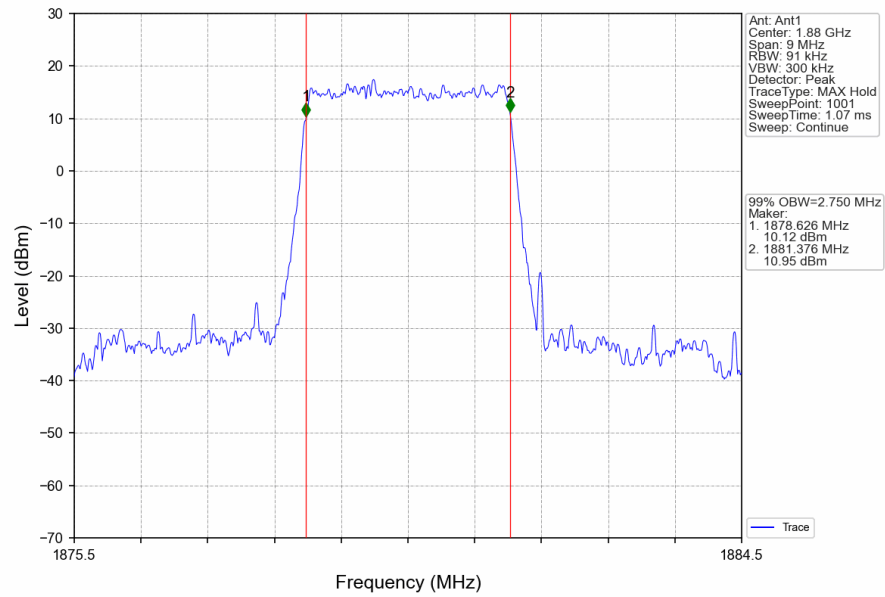
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



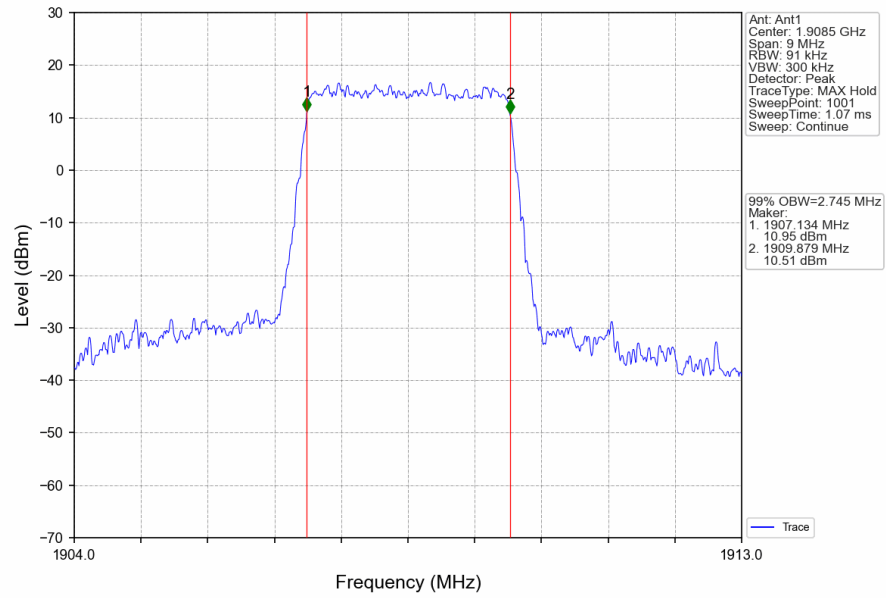
Band2 3MHz QPSK LCH 1851.5MHz RB 15_0 NTNv



Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0 NTNv



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

