

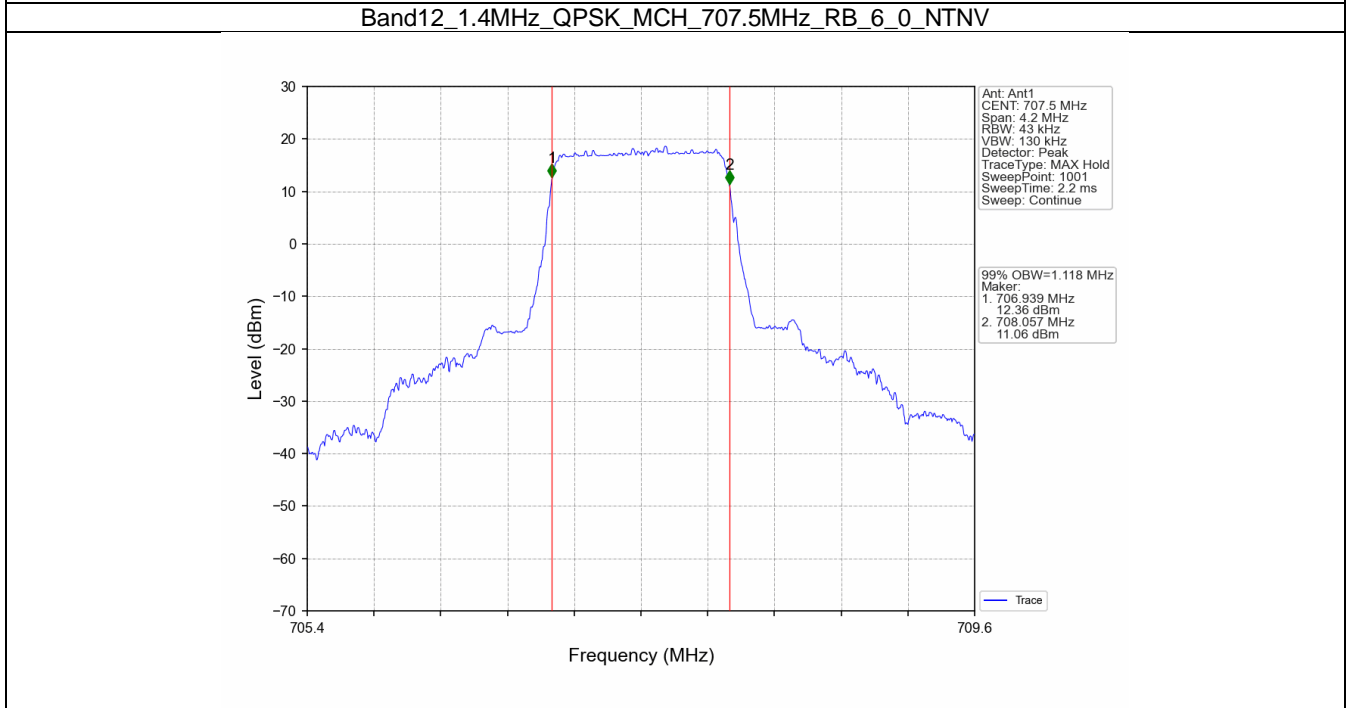
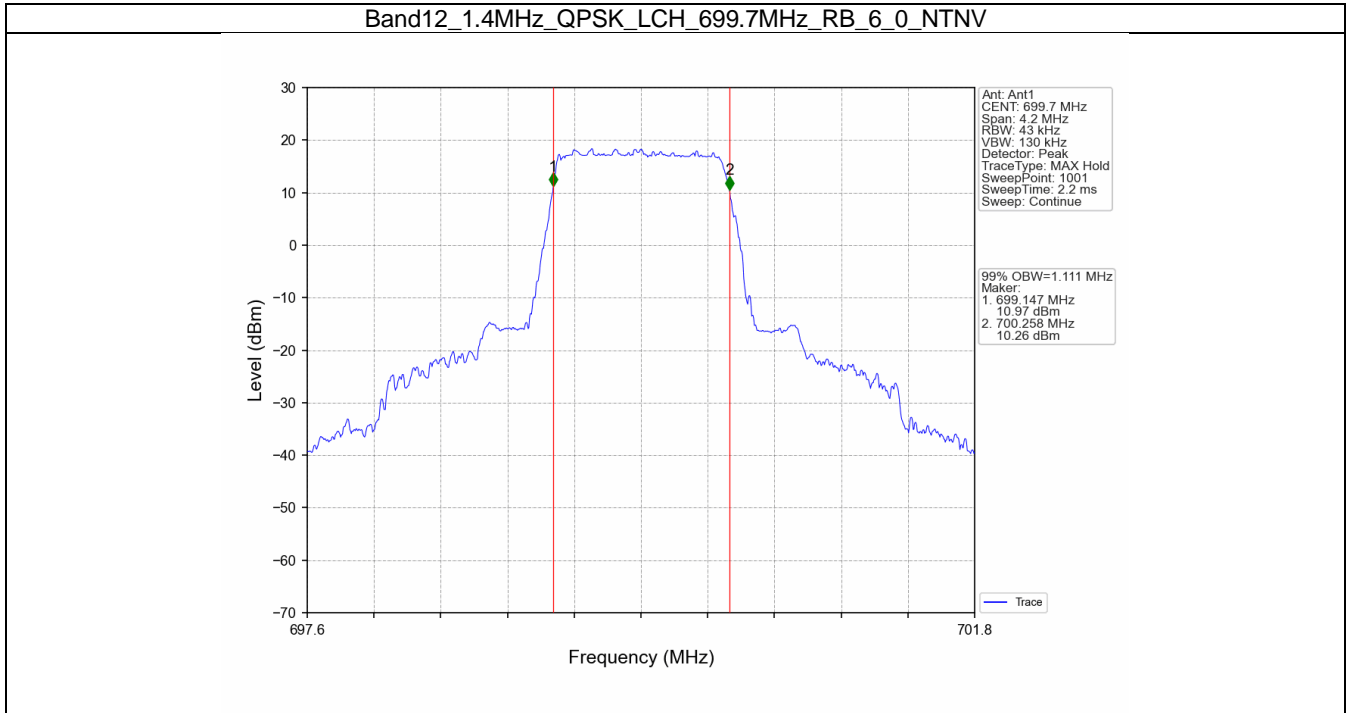
1. 99% & 26dB Bandwidth

1.1 Band12_OBW

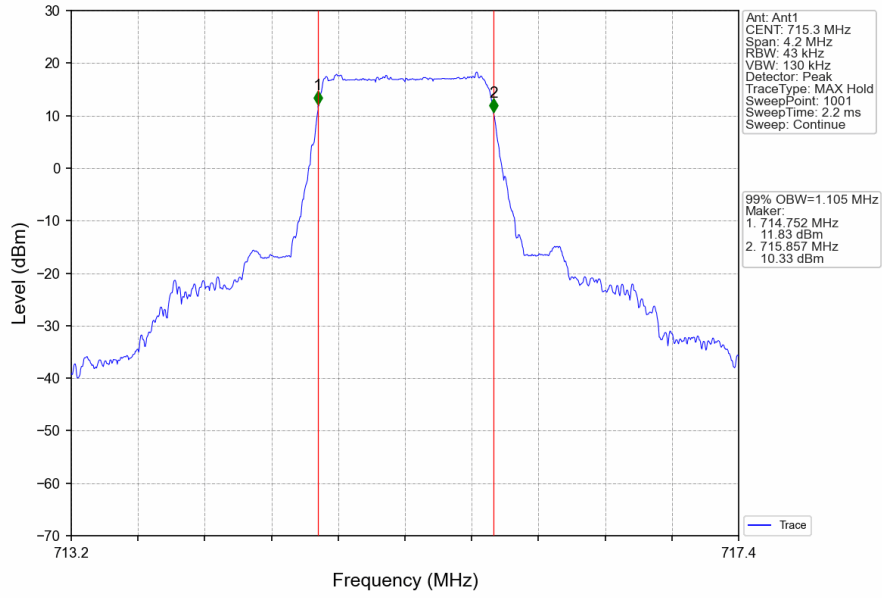
1.1.1 Test Result

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	1.111	Pass
		707.5	6	0	1.118	Pass
		715.3	6	0	1.105	Pass
	16QAM	699.7	6	0	1.113	Pass
		707.5	6	0	1.114	Pass
		715.3	6	0	1.116	Pass
3	QPSK	700.5	15	0	2.744	Pass
		707.5	15	0	2.745	Pass
		714.5	15	0	2.750	Pass
	16QAM	700.5	15	0	2.744	Pass
		707.5	15	0	2.737	Pass
		714.5	15	0	2.742	Pass
5	QPSK	701.5	25	0	4.578	Pass
		707.5	25	0	4.539	Pass
		713.5	25	0	4.565	Pass
	16QAM	701.5	25	0	4.552	Pass
		707.5	25	0	4.554	Pass
		713.5	25	0	4.580	Pass
10	QPSK	704	50	0	9.097	Pass
		707.5	50	0	8.996	Pass
		711	50	0	8.963	Pass
	16QAM	704	50	0	9.090	Pass
		707.5	50	0	8.979	Pass
		711	50	0	8.978	Pass

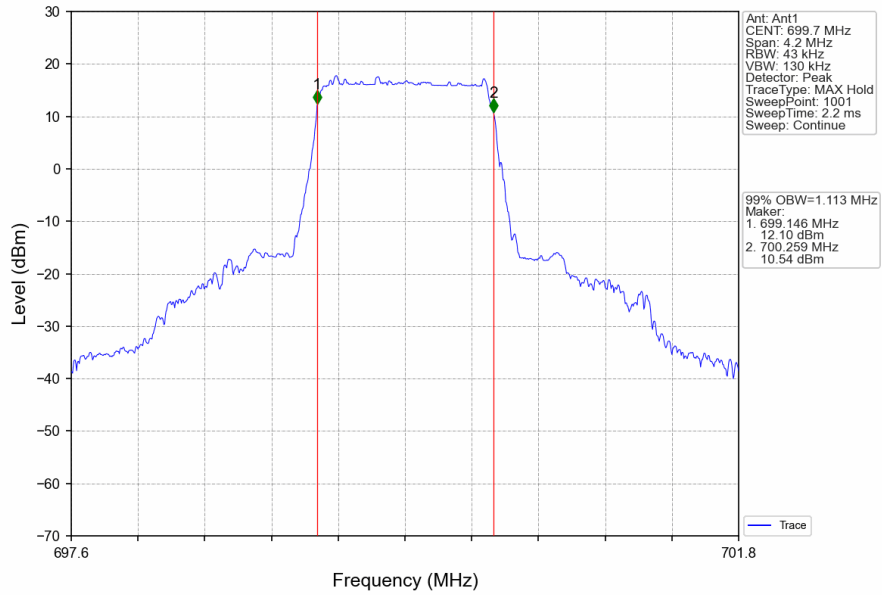
1.1.2 Test Graph



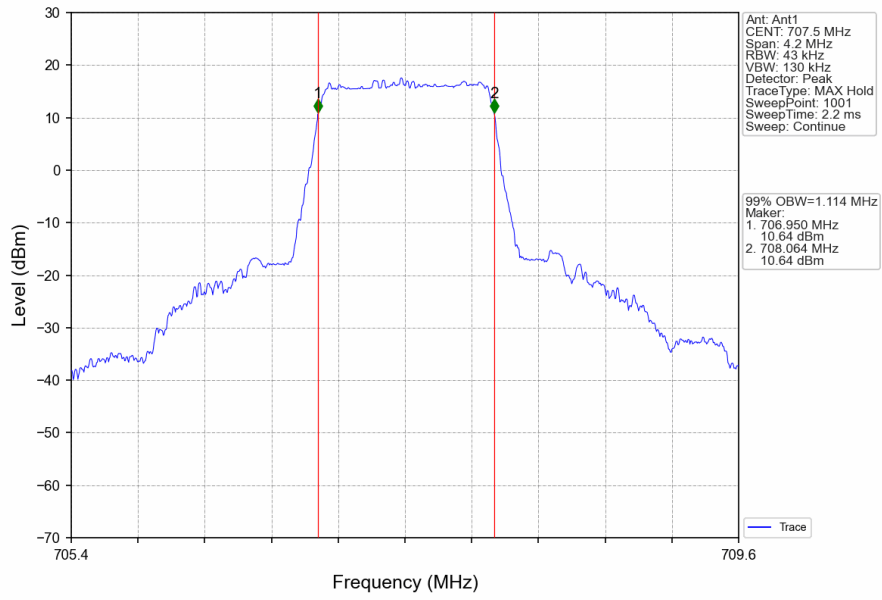
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



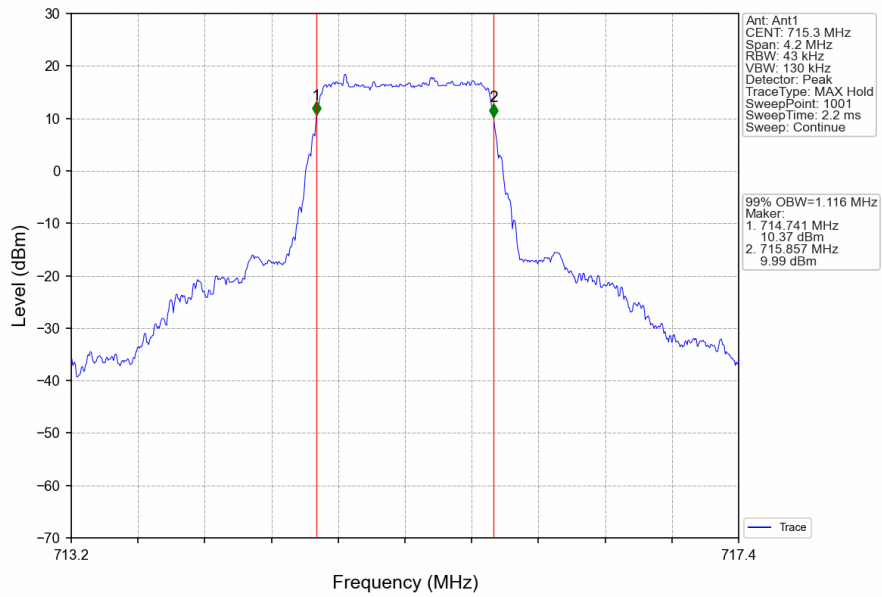
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



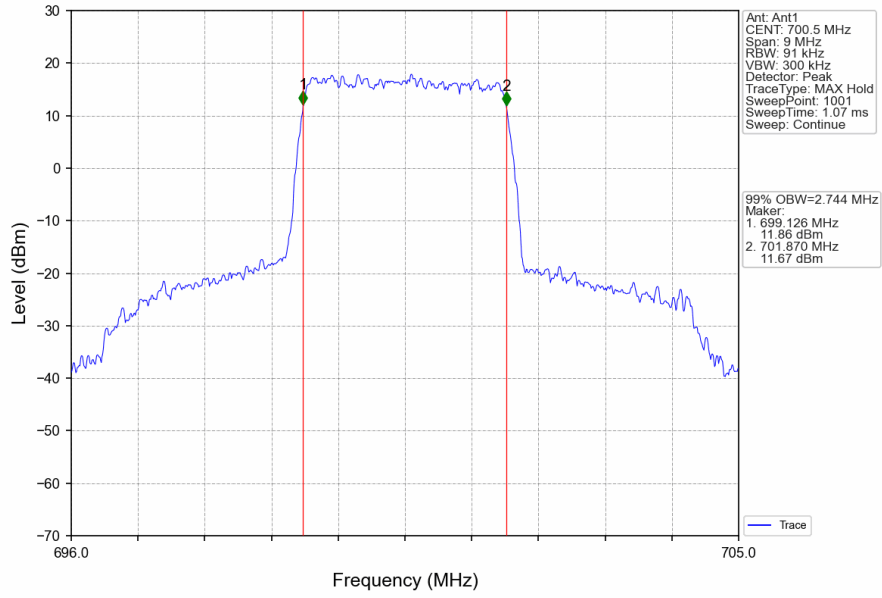
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



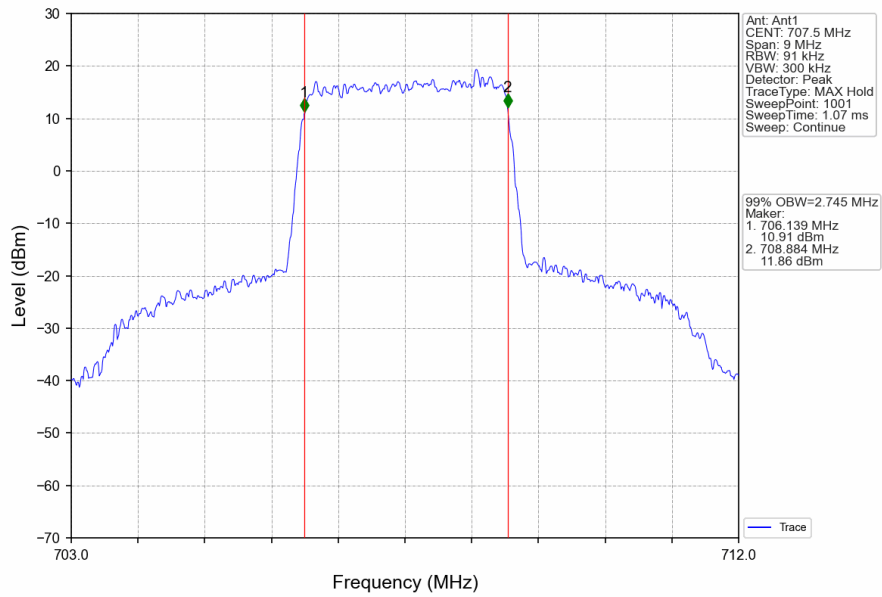
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



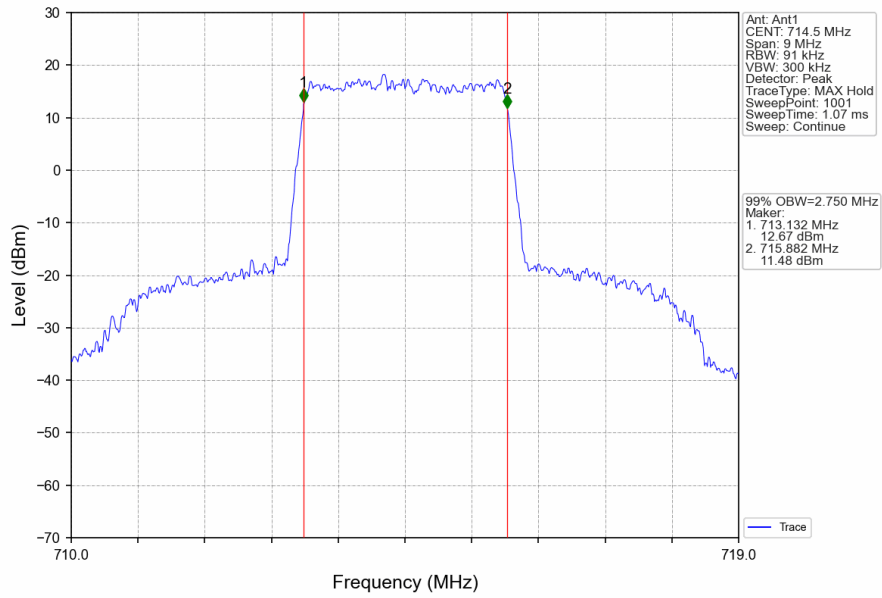
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



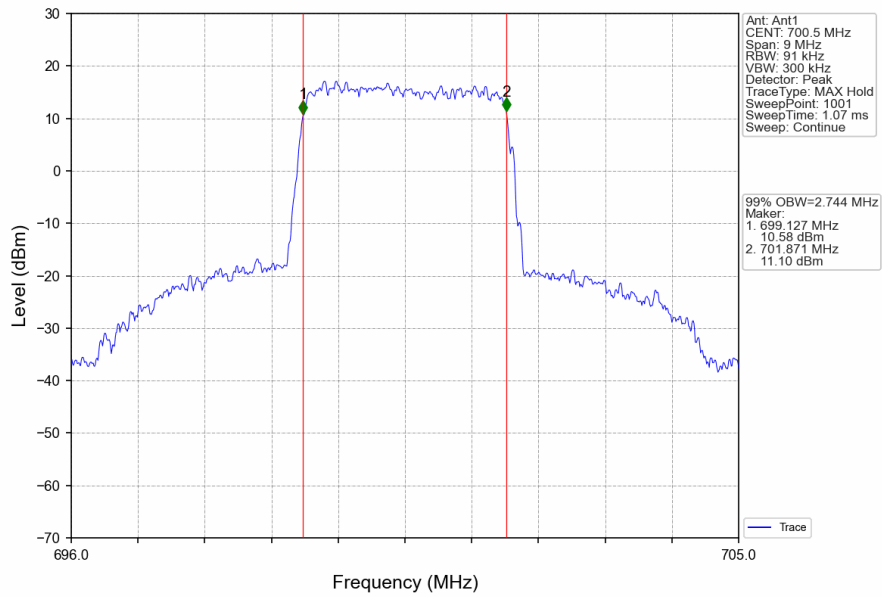
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



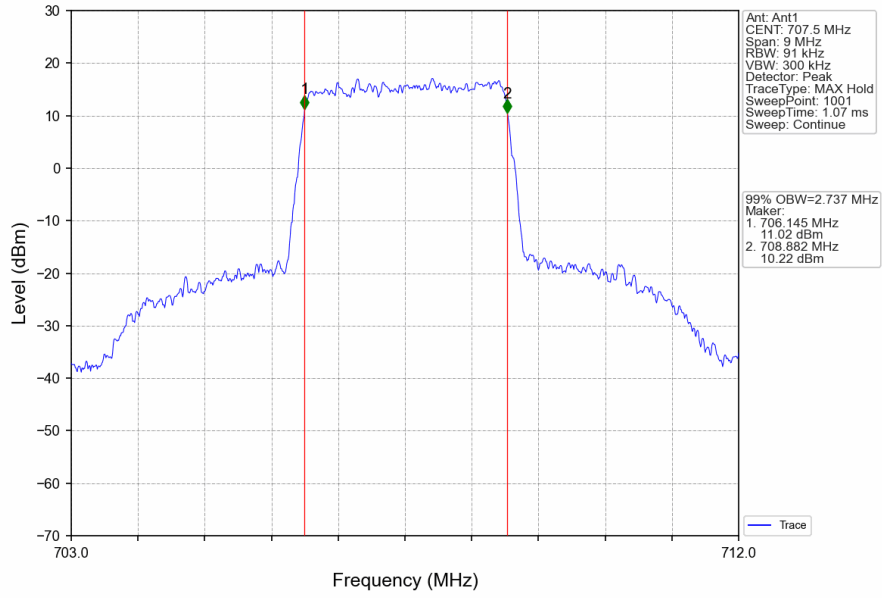
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



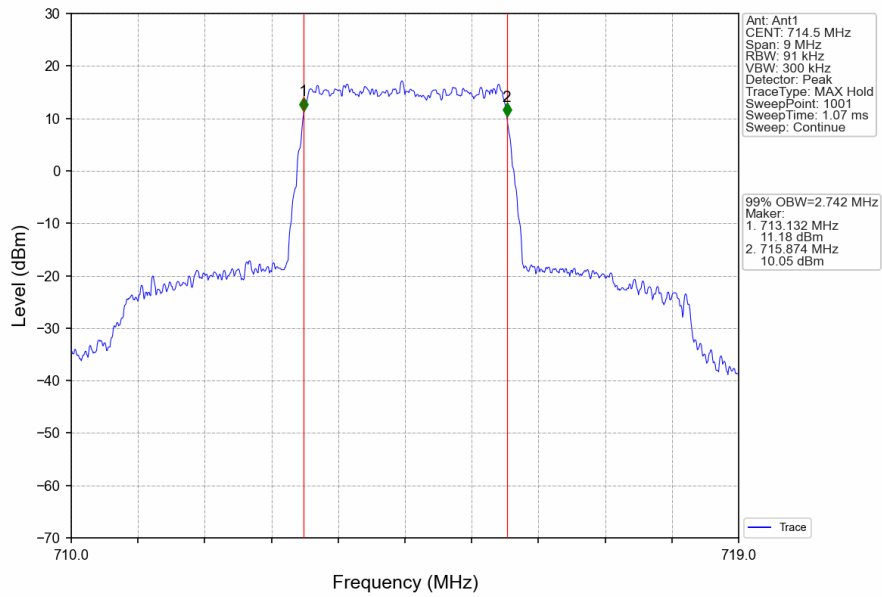
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



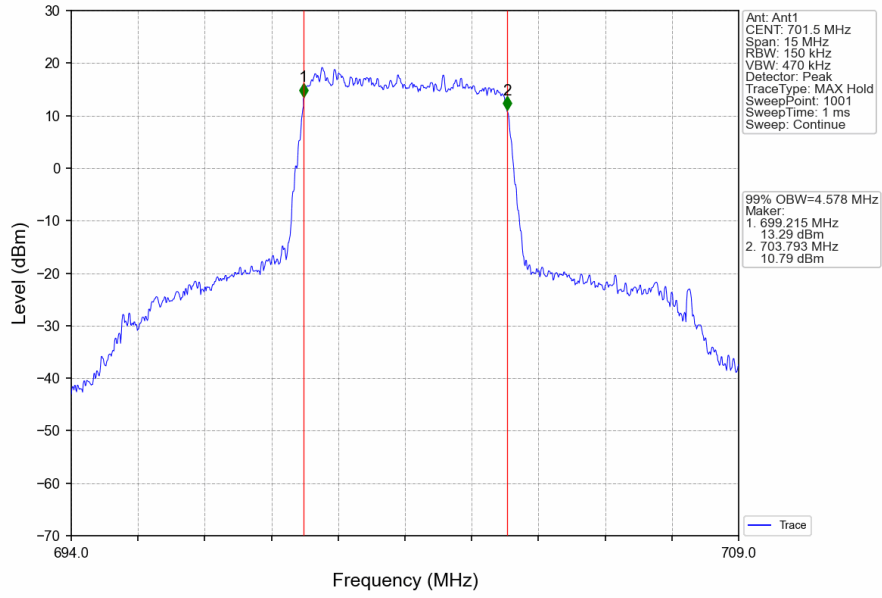
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



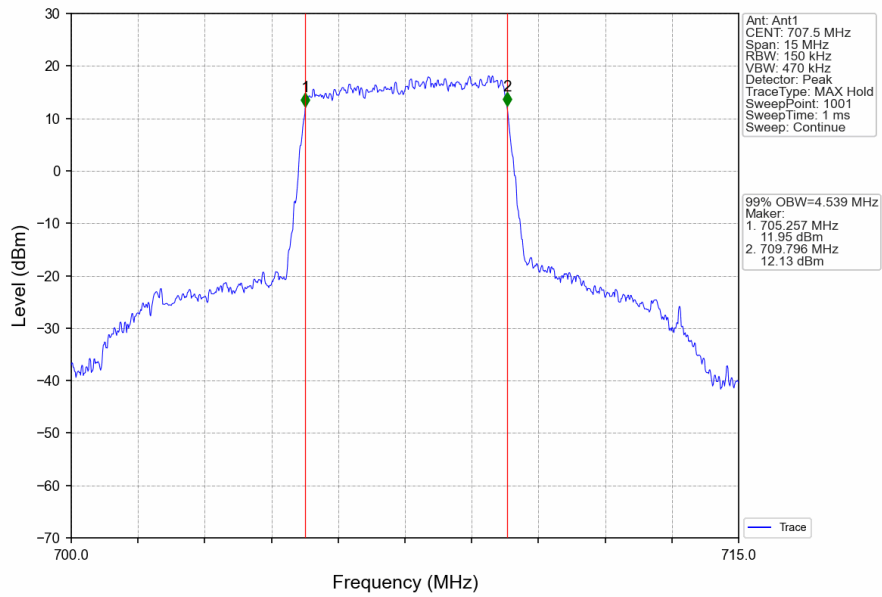
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



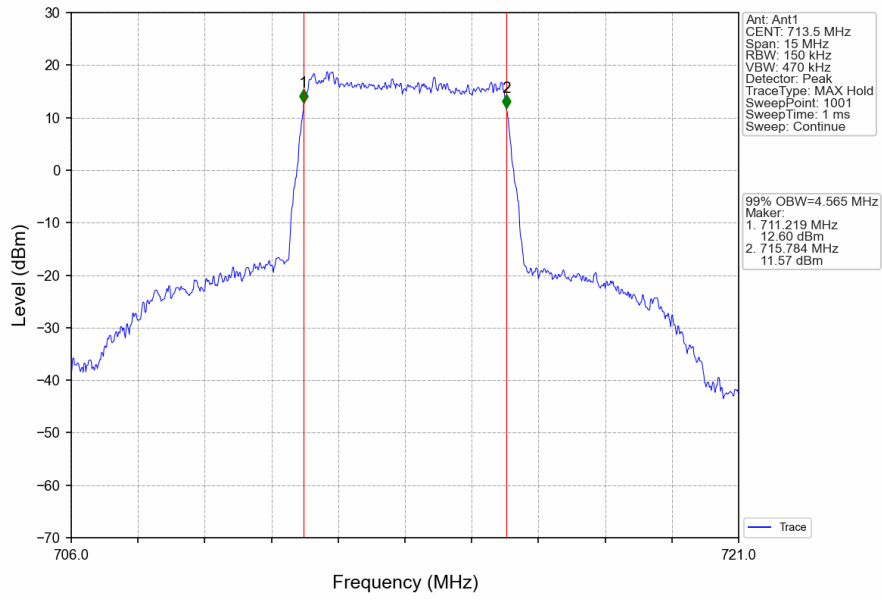
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



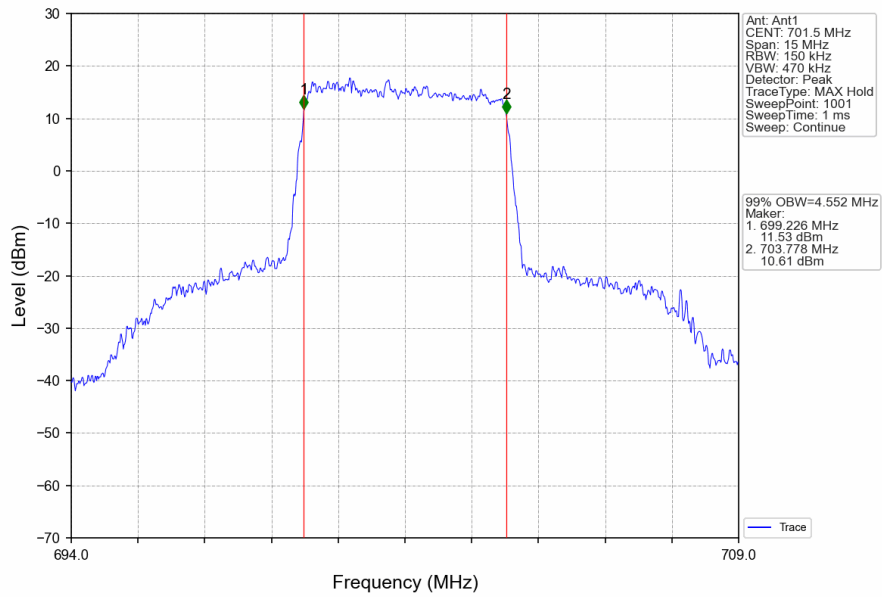
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



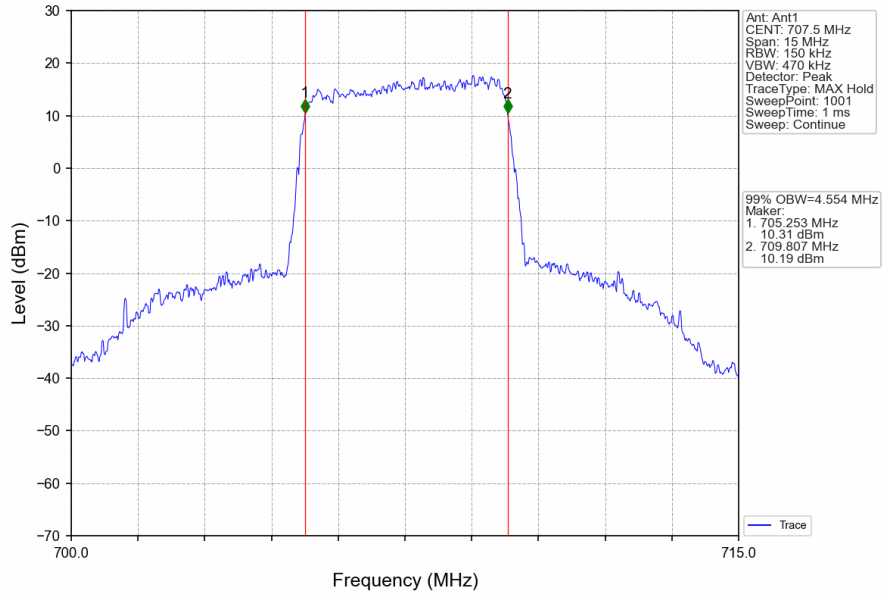
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



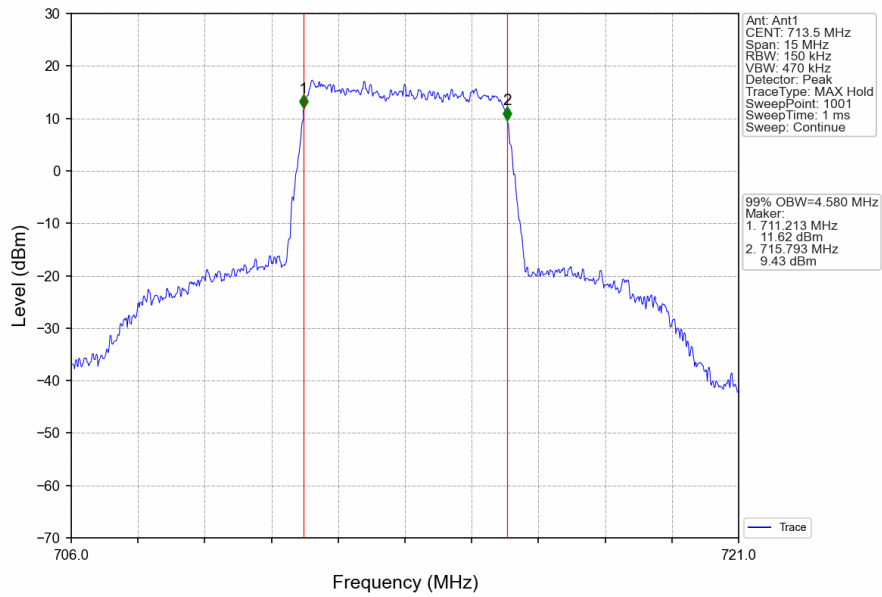
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



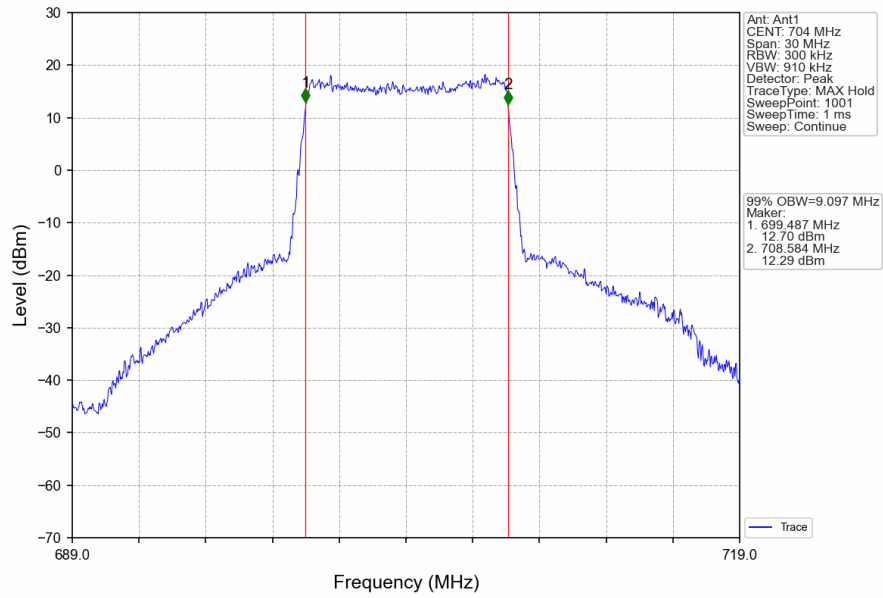
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



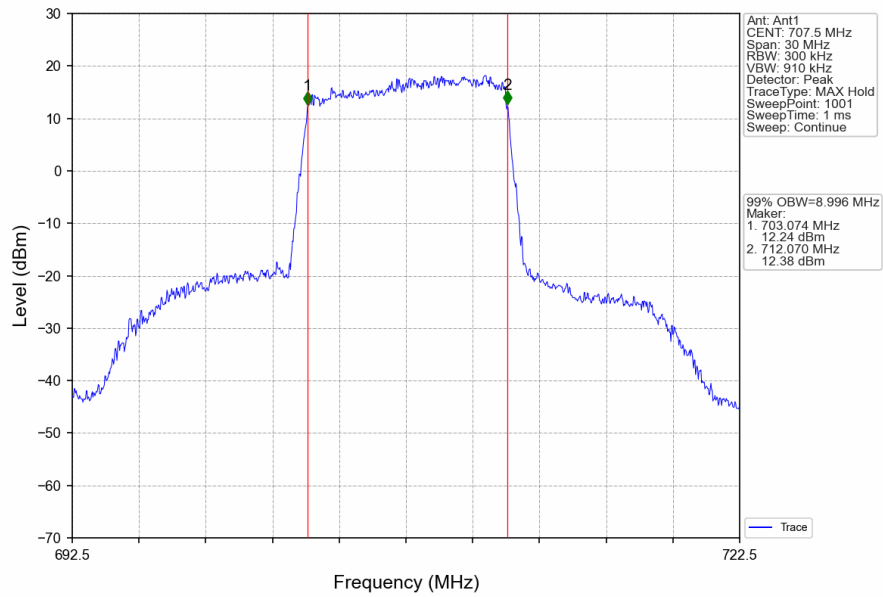
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



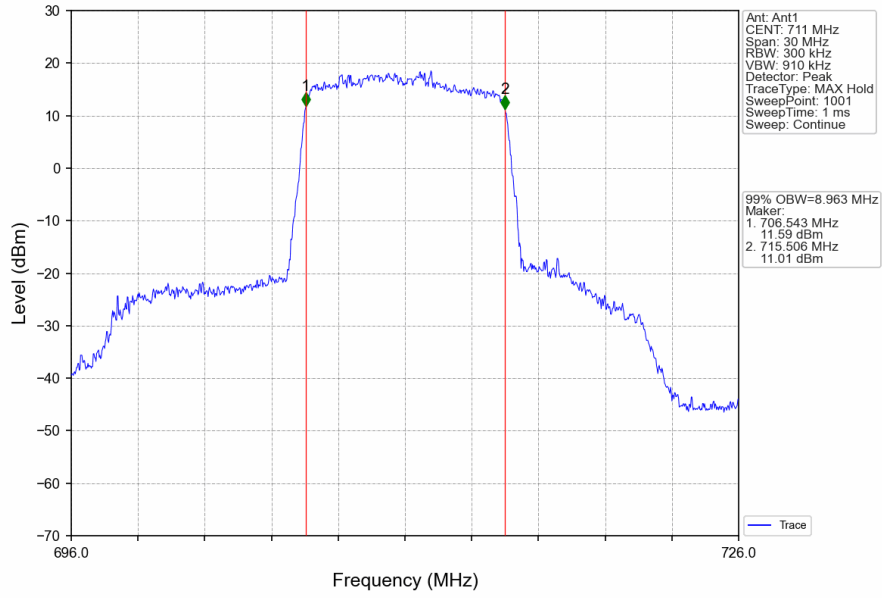
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



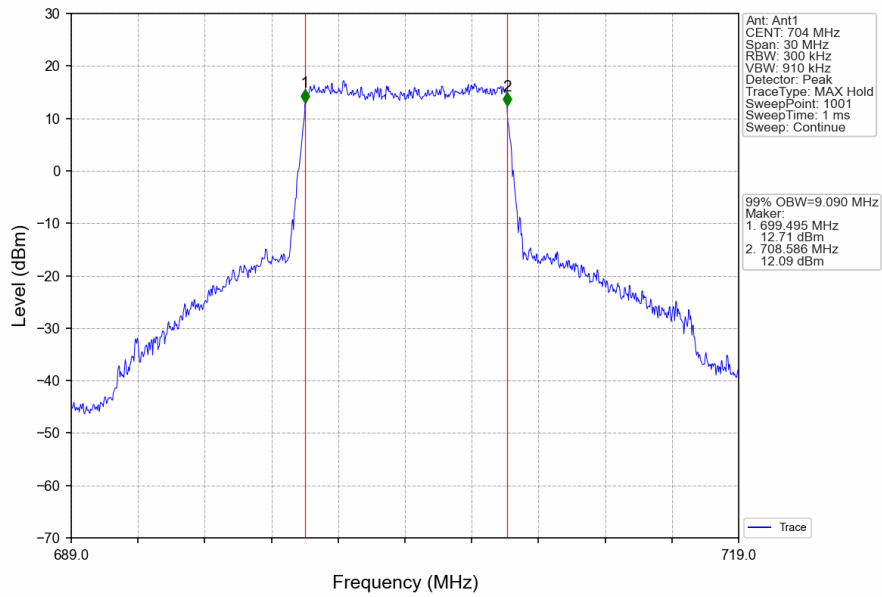
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



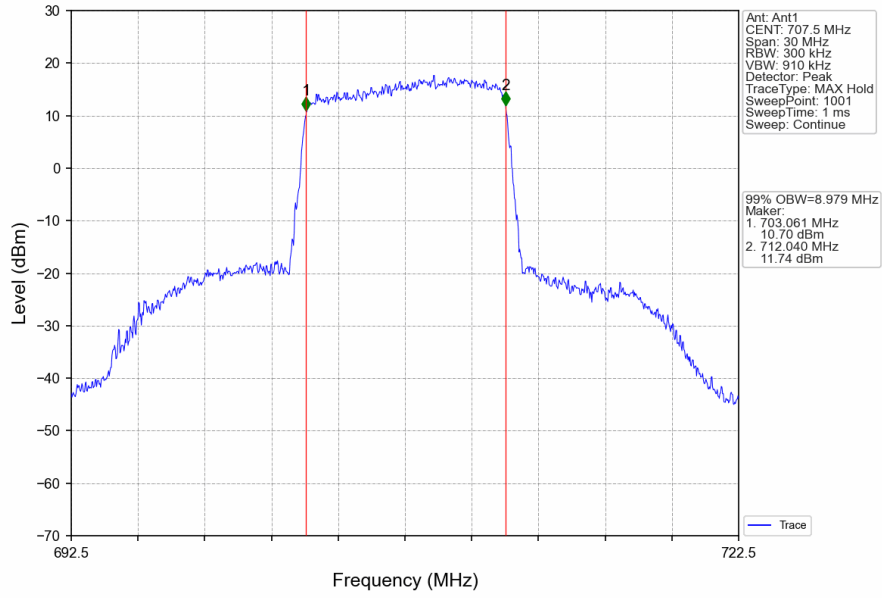
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



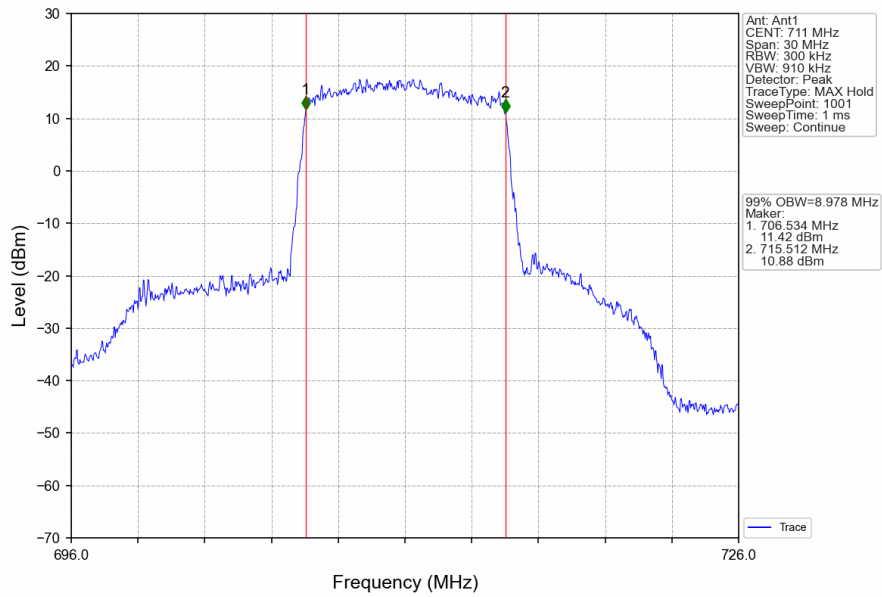
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

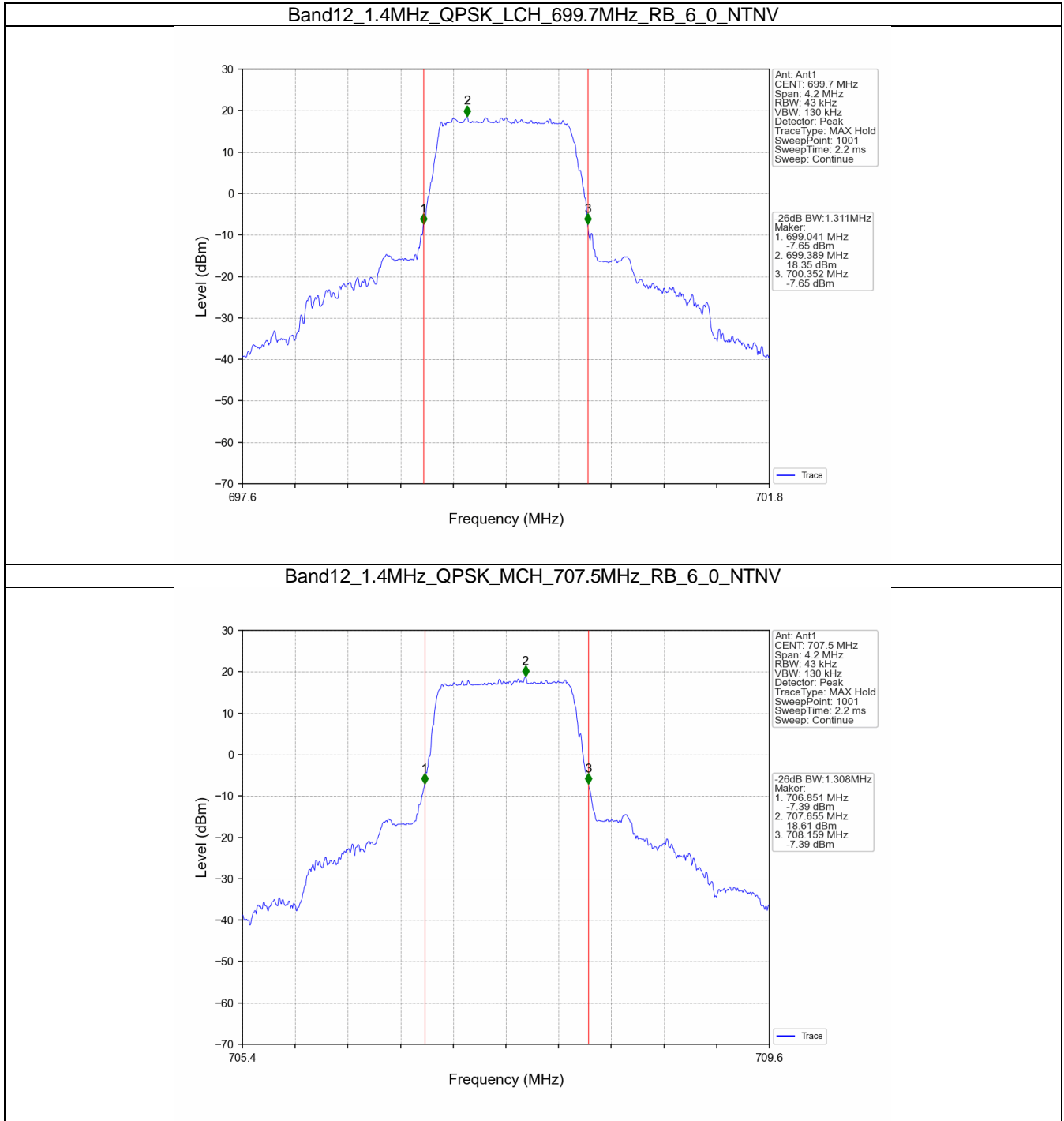


1.2 Band12_XDB

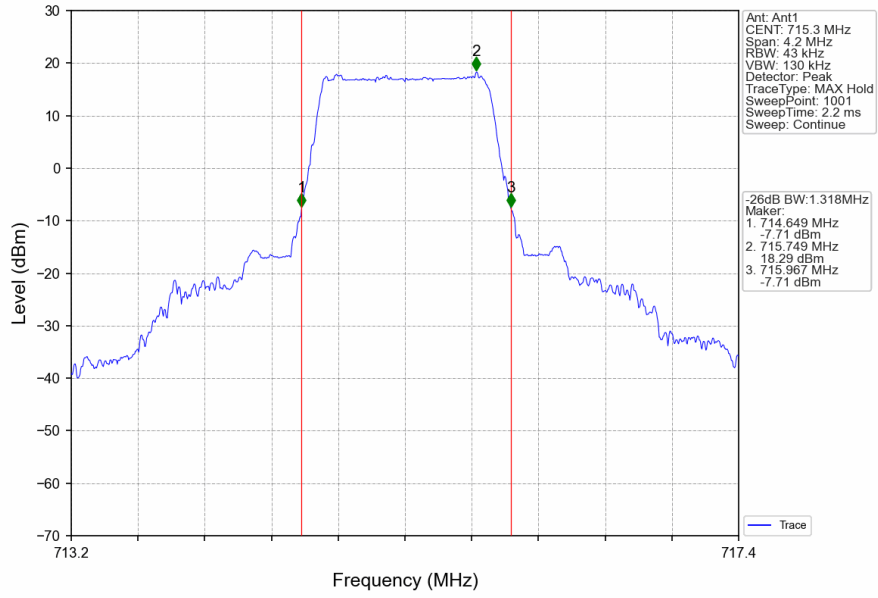
1.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.311	Pass
		707.5	6	0	1.308	Pass
		715.3	6	0	1.318	Pass
	16QAM	699.7	6	0	1.300	Pass
		707.5	6	0	1.318	Pass
		715.3	6	0	1.338	Pass
3	QPSK	700.5	15	0	3.043	Pass
		707.5	15	0	3.026	Pass
		714.5	15	0	3.065	Pass
	16QAM	700.5	15	0	3.034	Pass
		707.5	15	0	3.054	Pass
		714.5	15	0	3.059	Pass
5	QPSK	701.5	25	0	5.061	Pass
		707.5	25	0	5.057	Pass
		713.5	25	0	5.104	Pass
	16QAM	701.5	25	0	5.052	Pass
		707.5	25	0	5.076	Pass
		713.5	25	0	5.114	Pass
10	QPSK	704	50	0	10.064	Pass
		707.5	50	0	9.953	Pass
		711	50	0	9.972	Pass
	16QAM	704	50	0	10.151	Pass
		707.5	50	0	9.943	Pass
		711	50	0	9.923	Pass

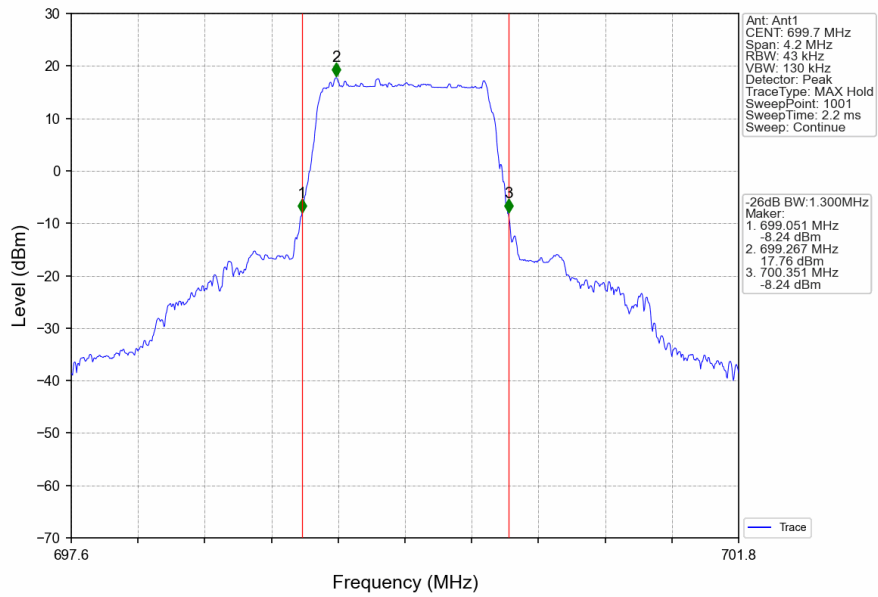
1.2.2 Test Graph



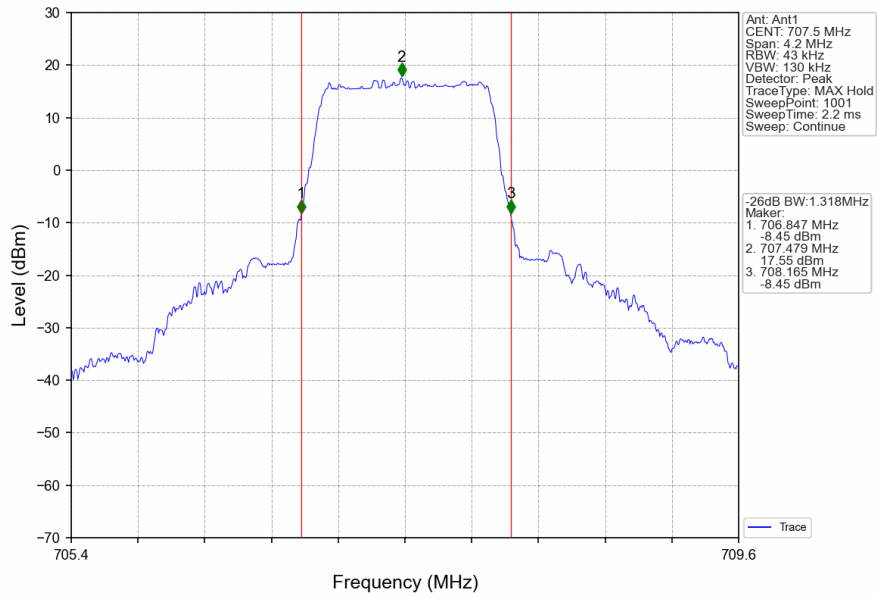
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



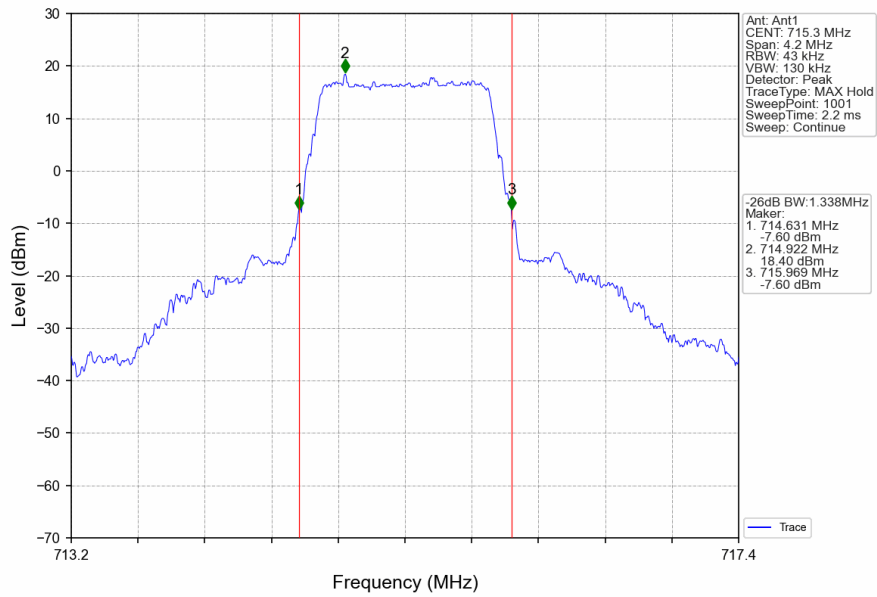
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



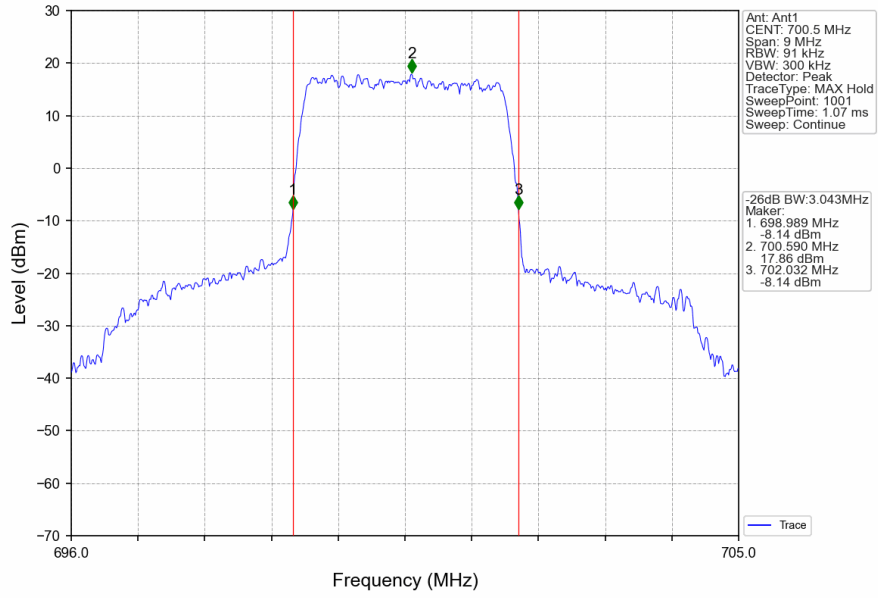
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



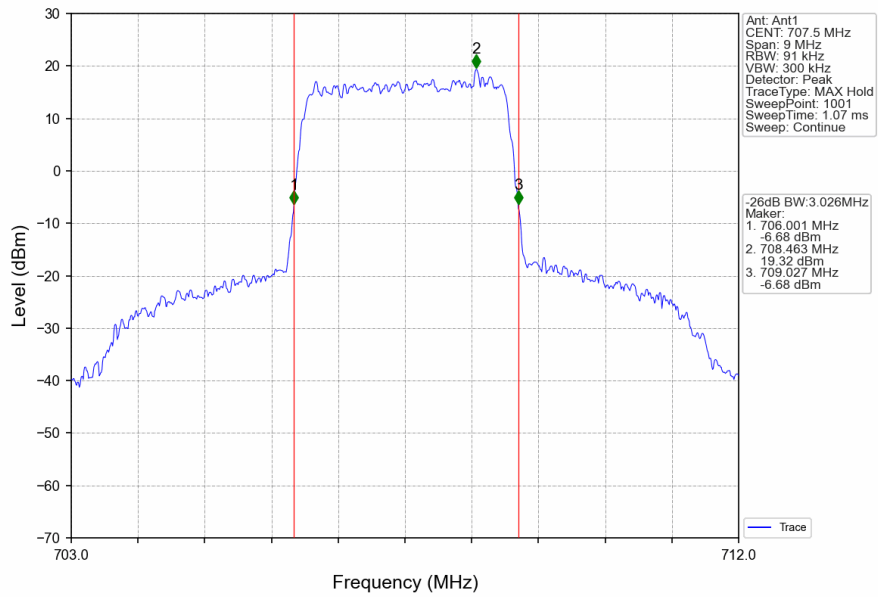
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



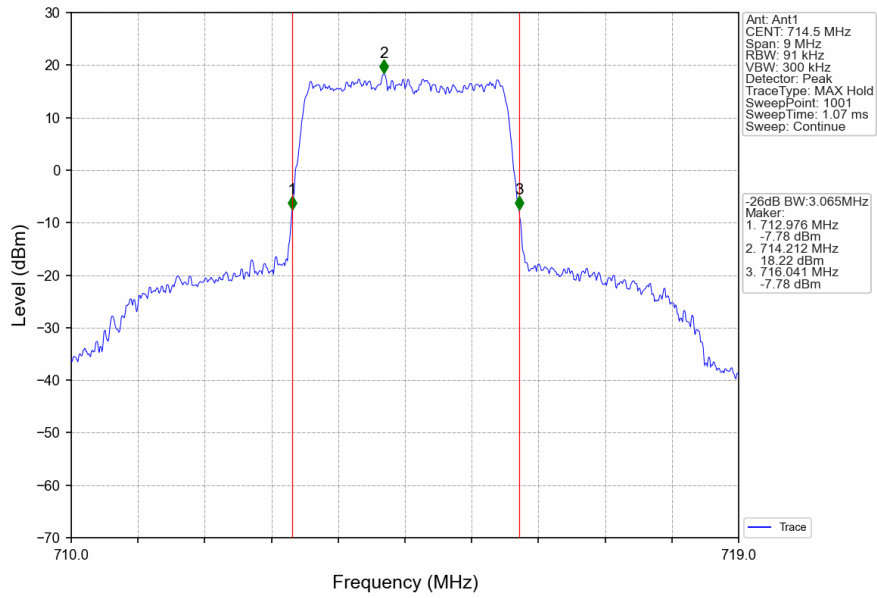
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



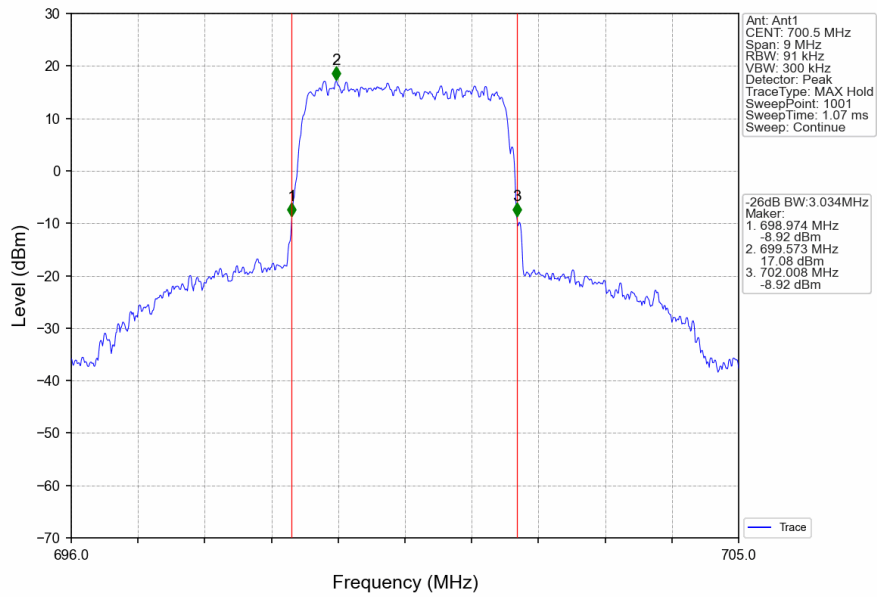
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



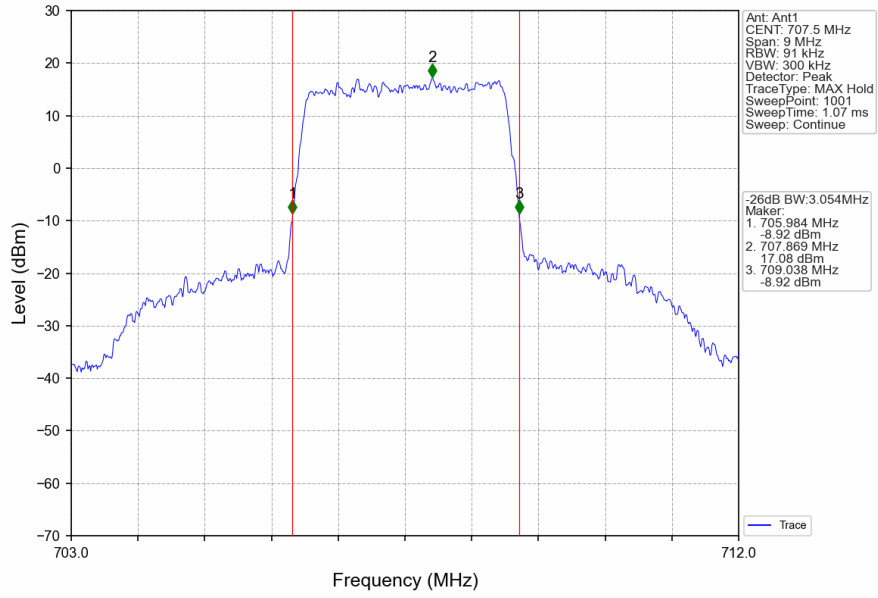
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



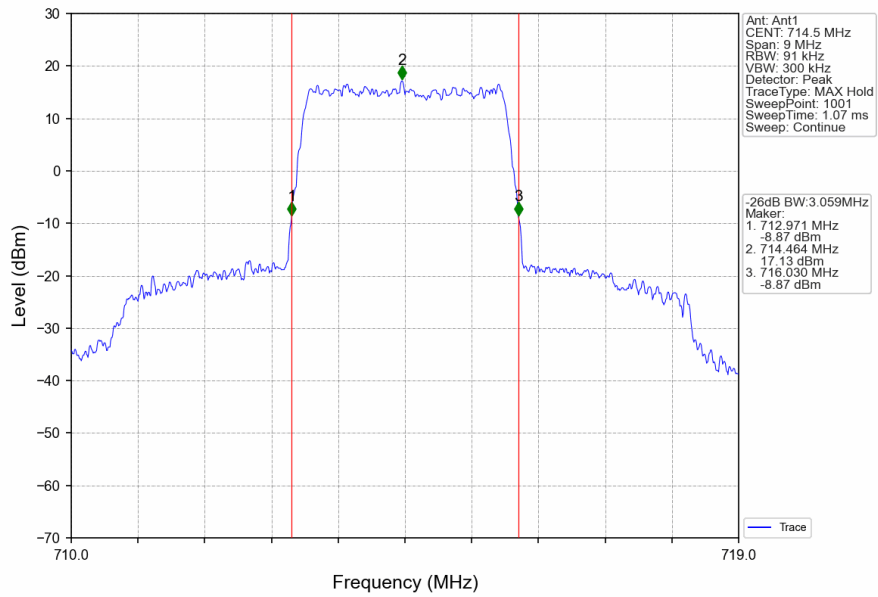
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



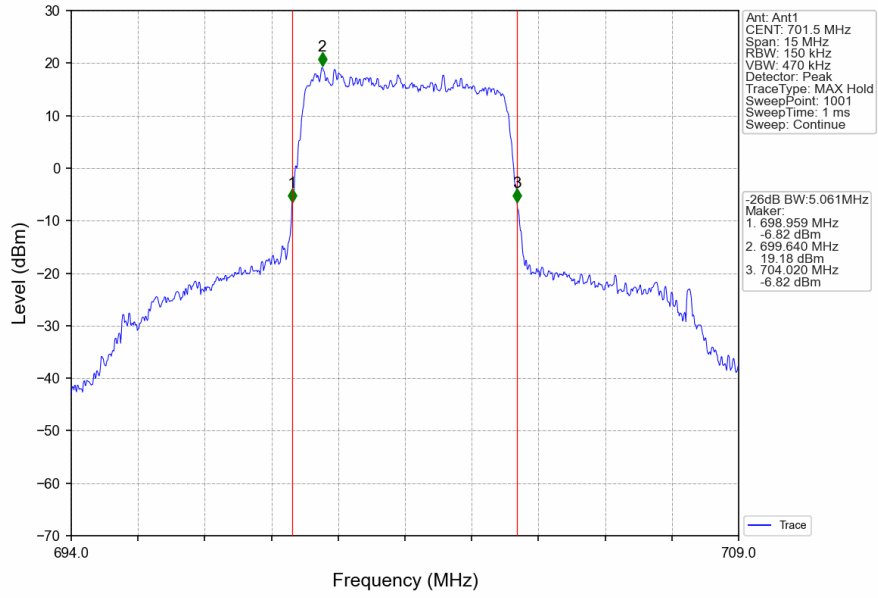
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



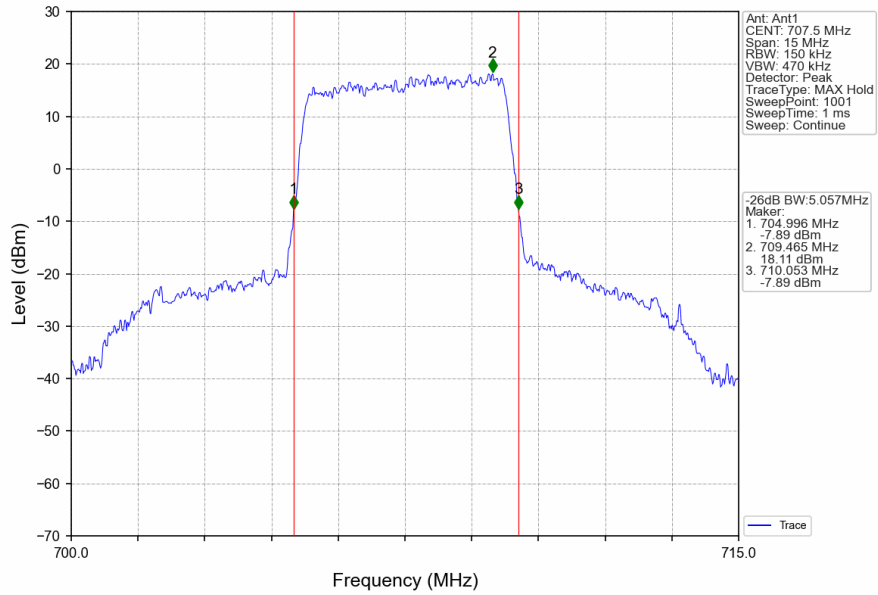
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



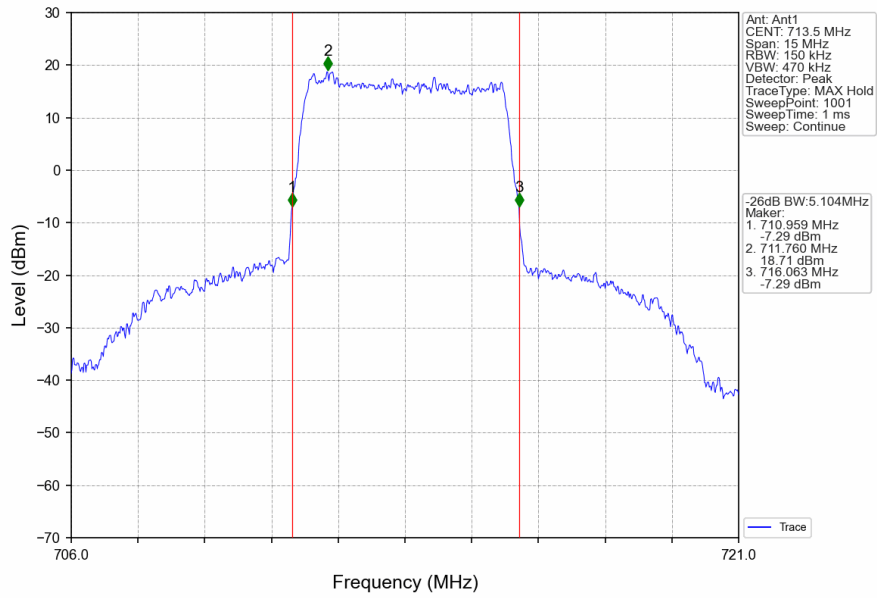
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



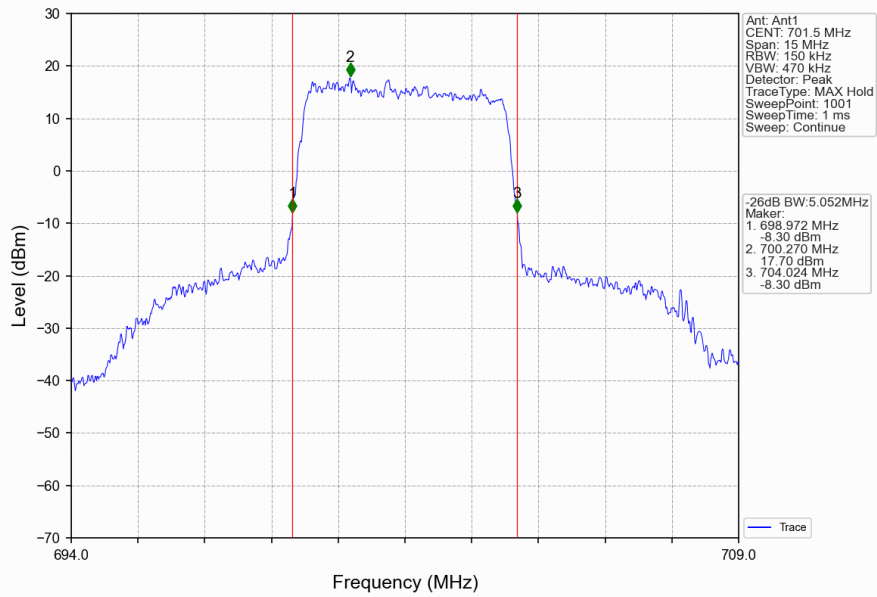
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



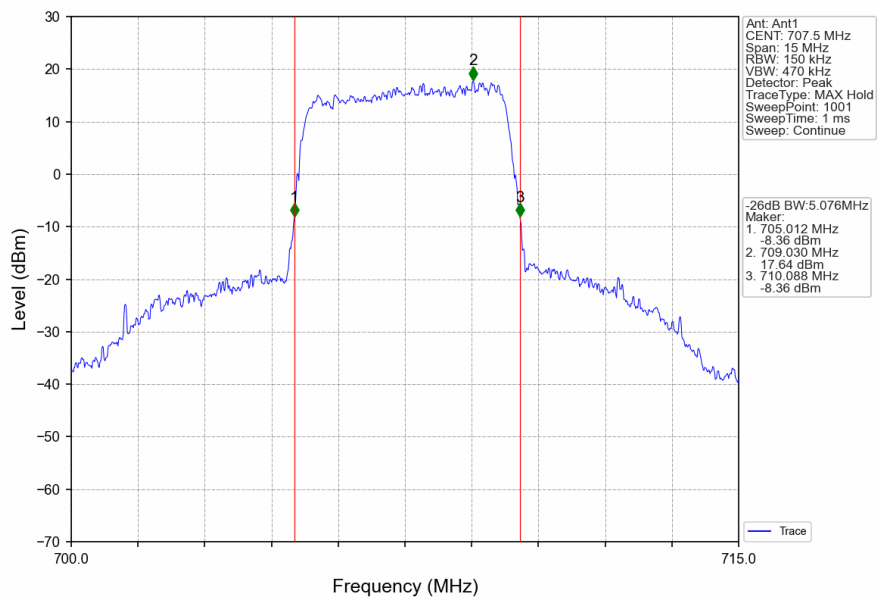
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



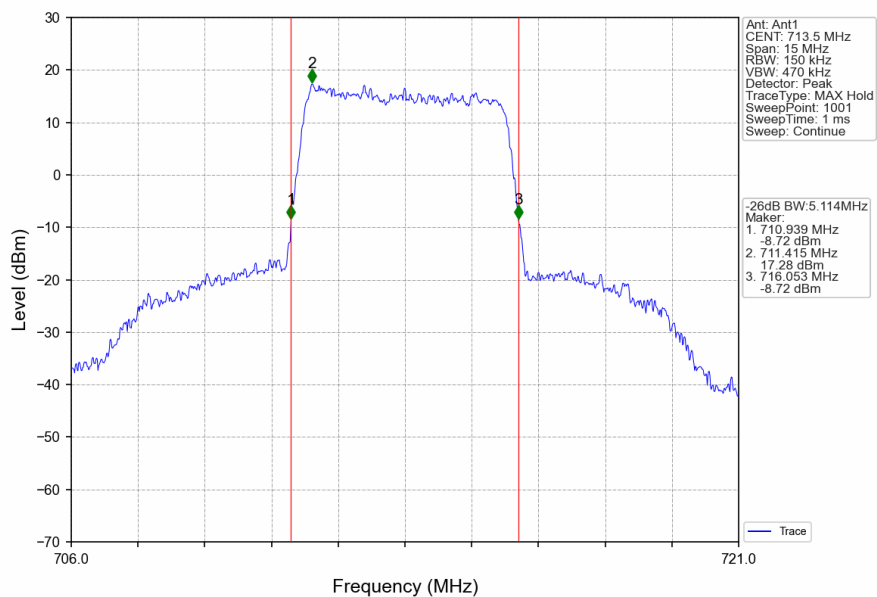
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



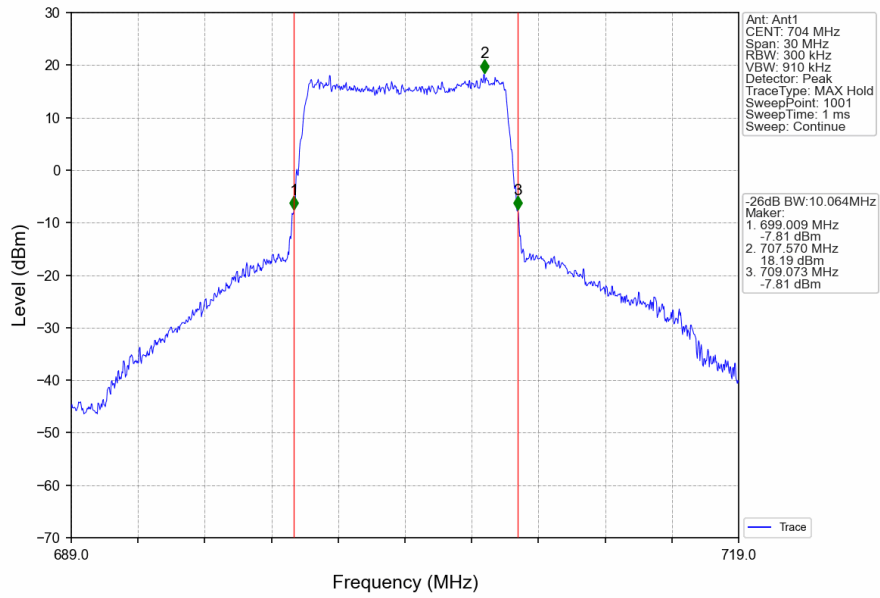
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



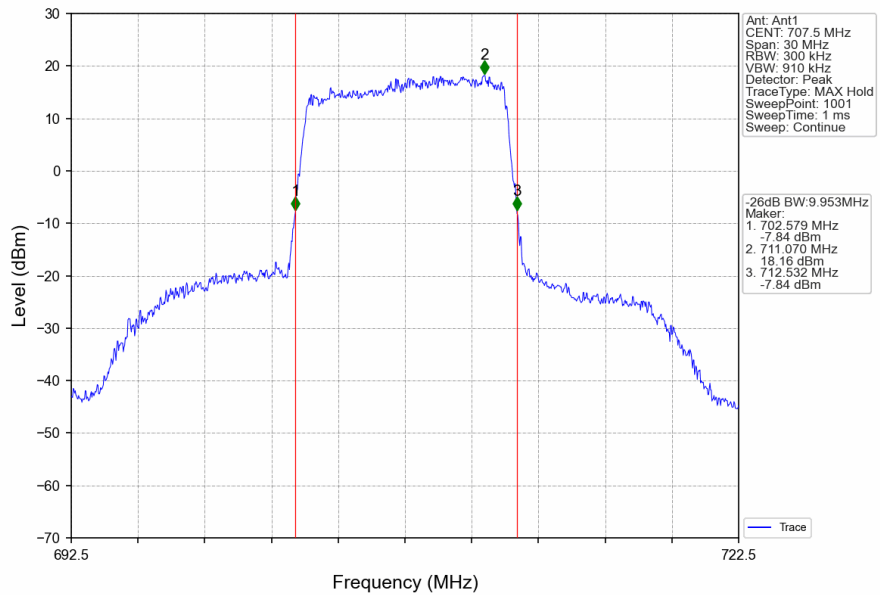
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



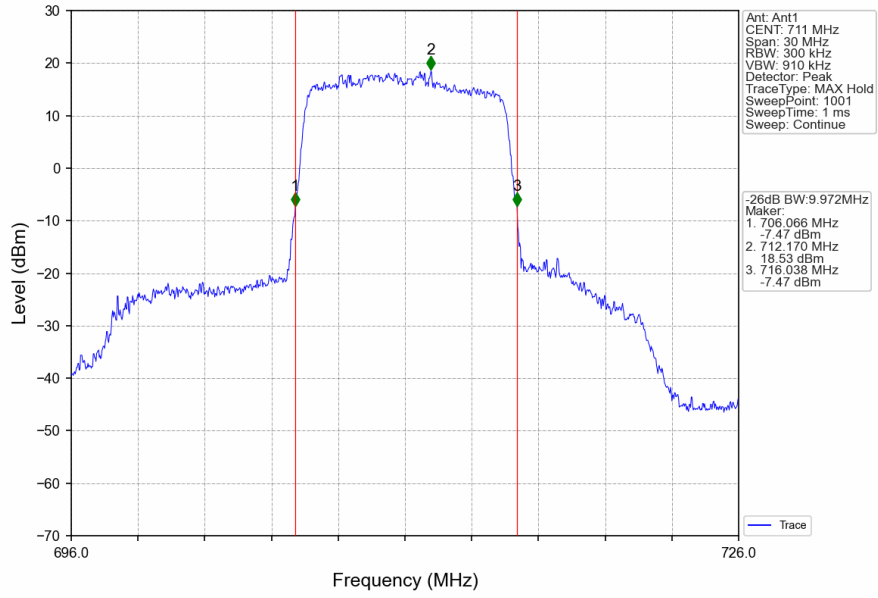
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



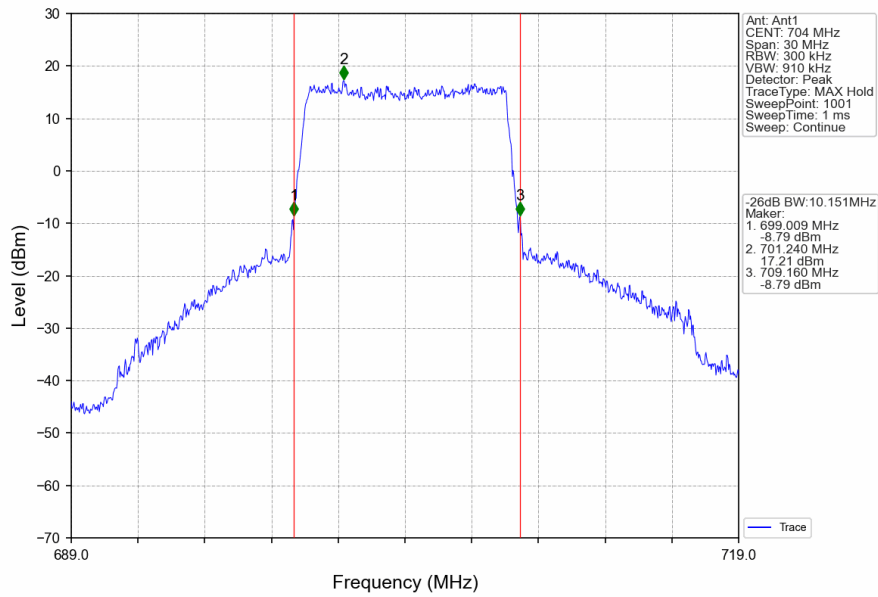
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



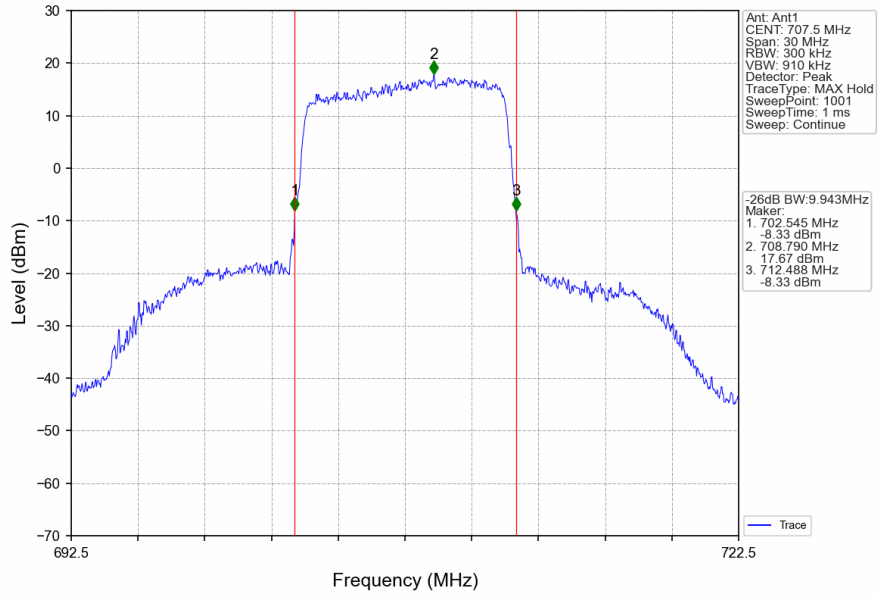
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



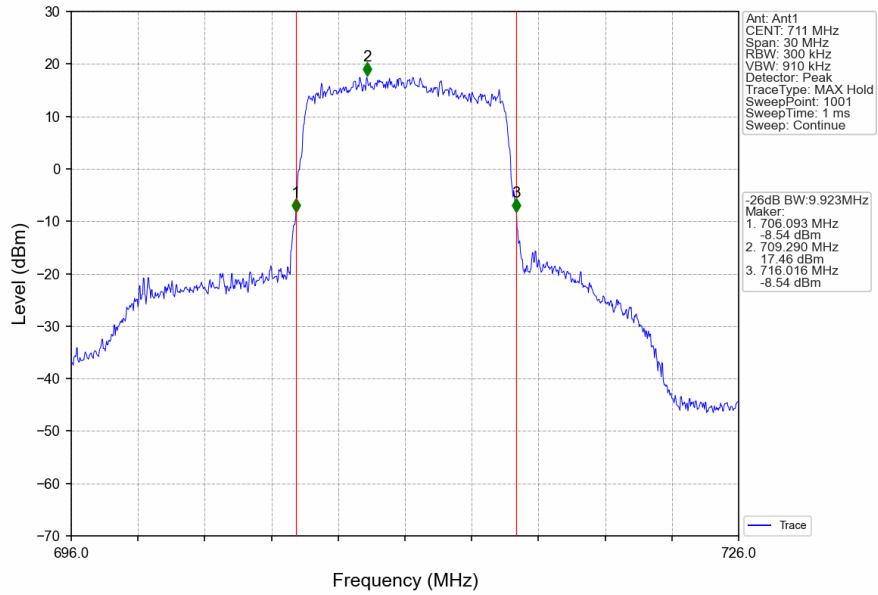
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



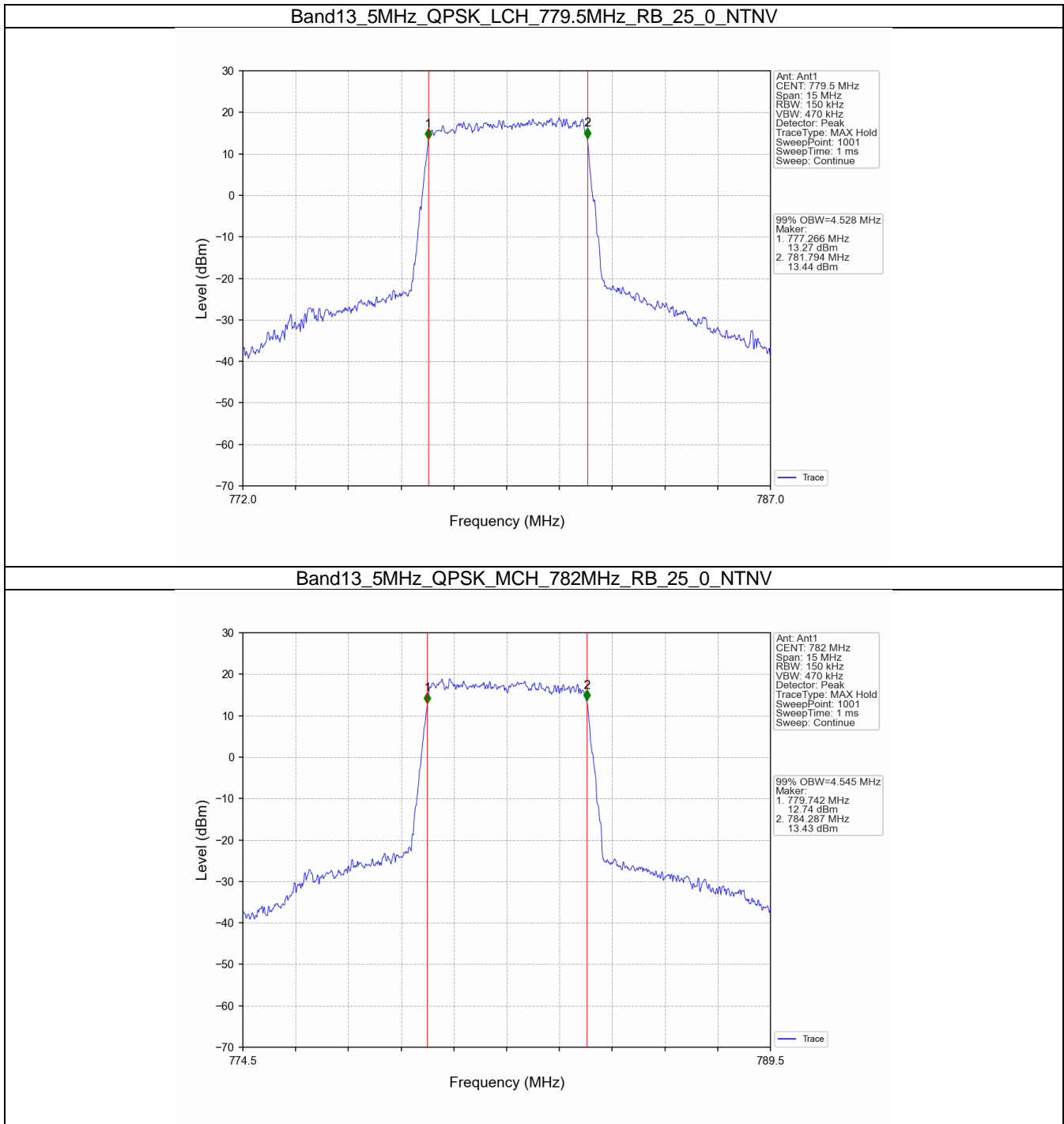
2. 99% & 26dB Bandwidth

2.1 Band13_OBW

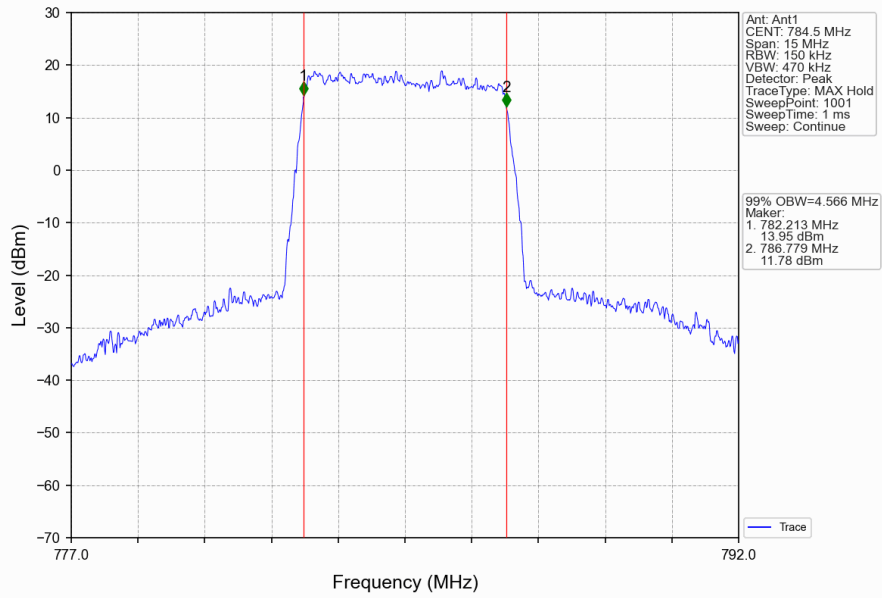
2.1.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.528	Pass
		782	25	0	4.545	Pass
		784.5	25	0	4.566	Pass
	16QAM	779.5	25	0	4.547	Pass
		782	25	0	4.564	Pass
		784.5	25	0	4.539	Pass
10	QPSK	782	50	0	8.962	Pass
	16QAM	782	50	0	8.980	Pass

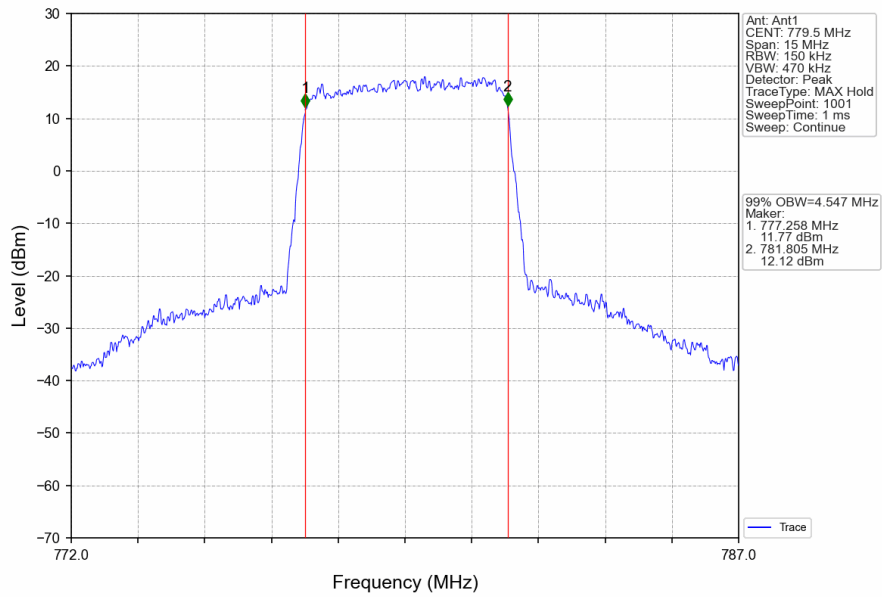
2.1.2 Test Graph



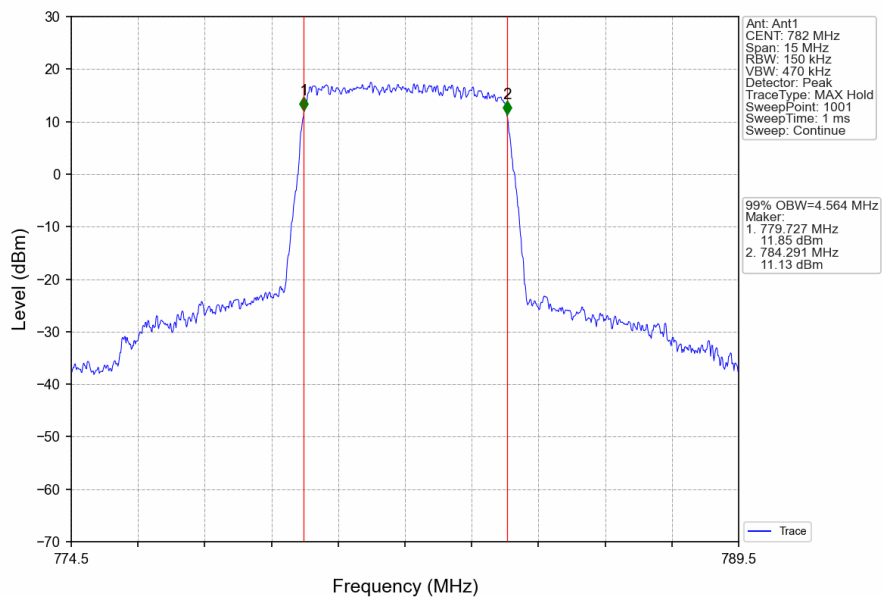
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



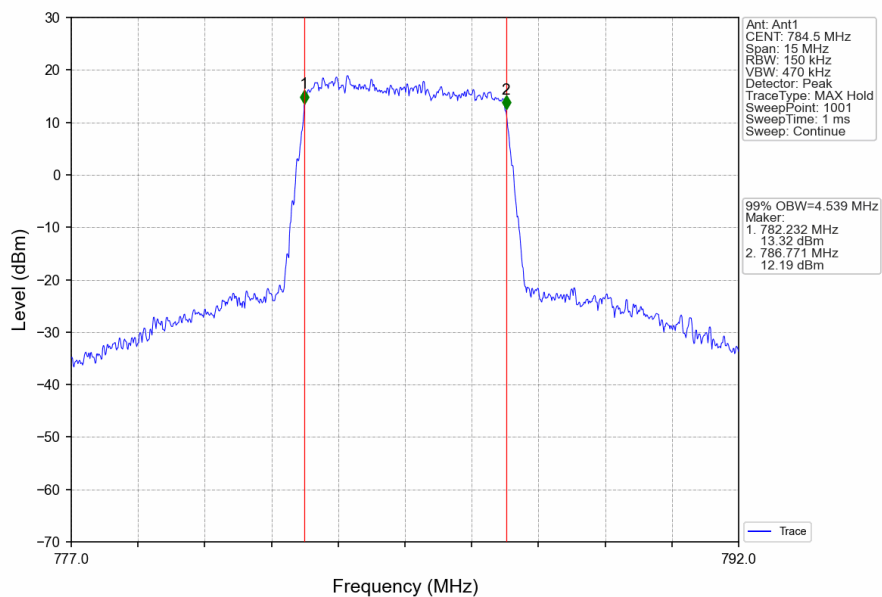
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



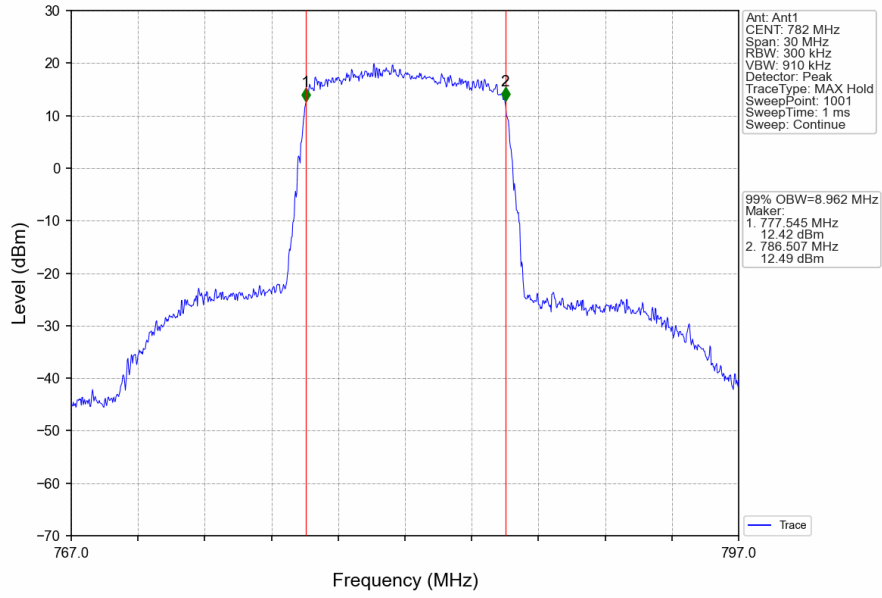
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



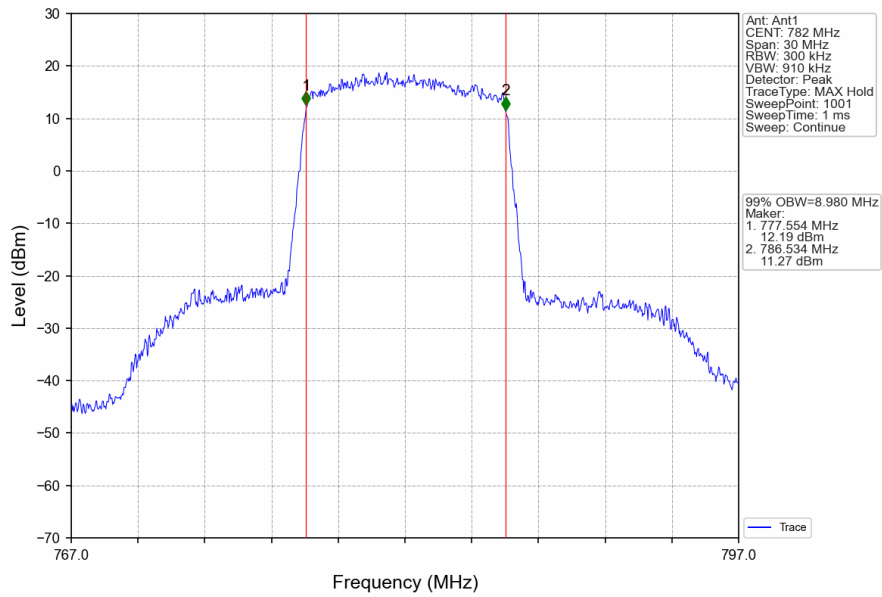
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

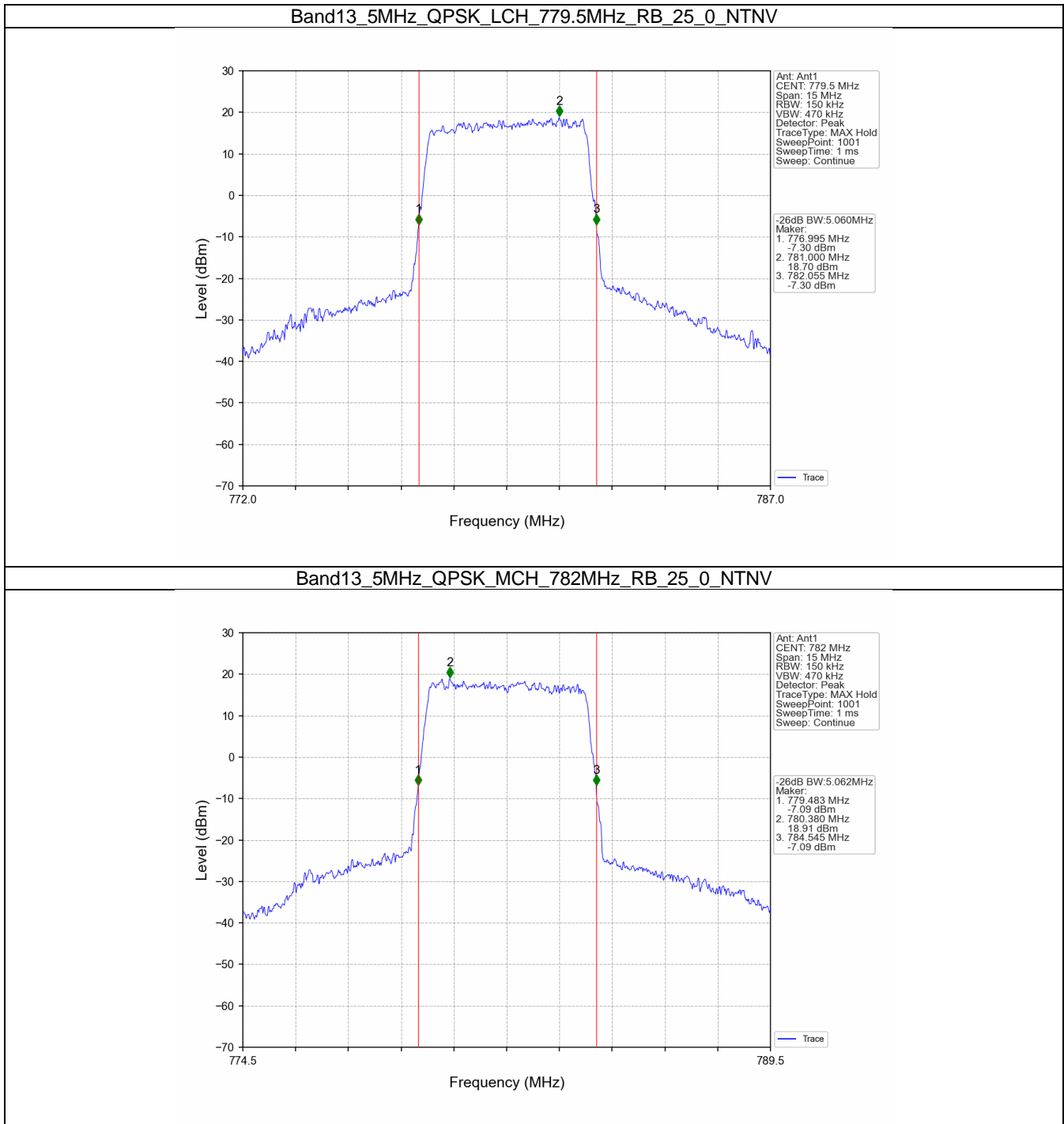


2.2 Band13_XDB

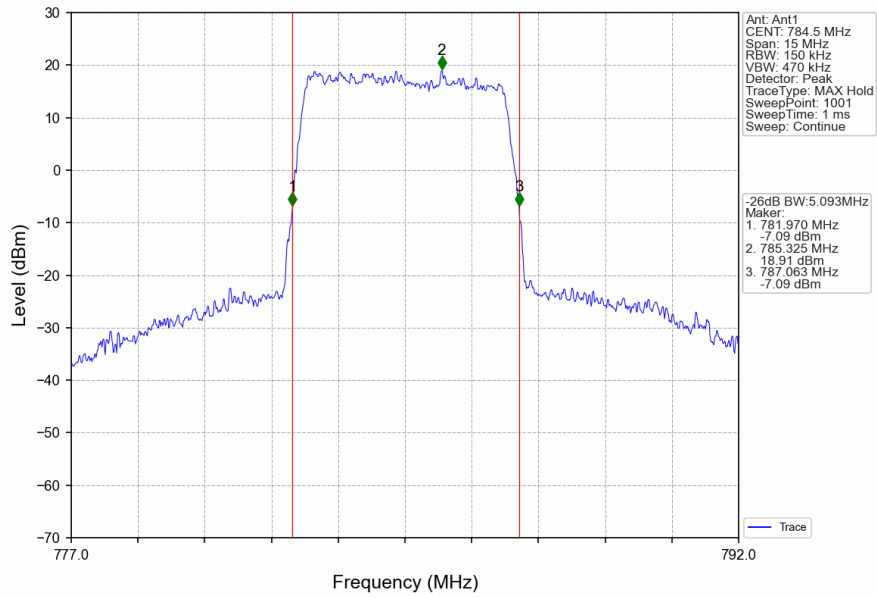
2.2.1 Test Result

Band: 13 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.060	Pass
		782	25	0	5.062	Pass
		784.5	25	0	5.093	Pass
	16QAM	779.5	25	0	5.036	Pass
		782	25	0	5.095	Pass
		784.5	25	0	5.068	Pass
10	QPSK	782	50	0	9.946	Pass
	16QAM	782	50	0	9.936	Pass

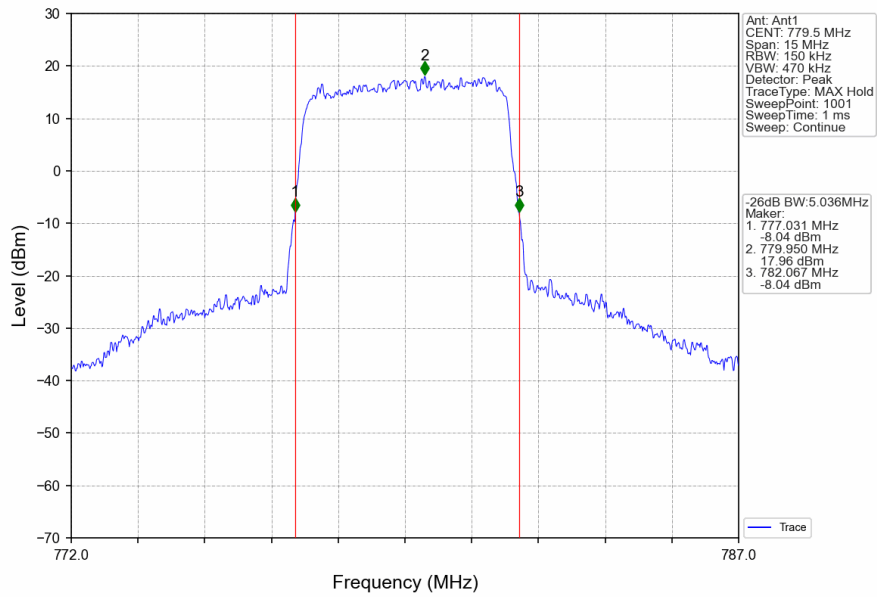
2.2.2 Test Graph



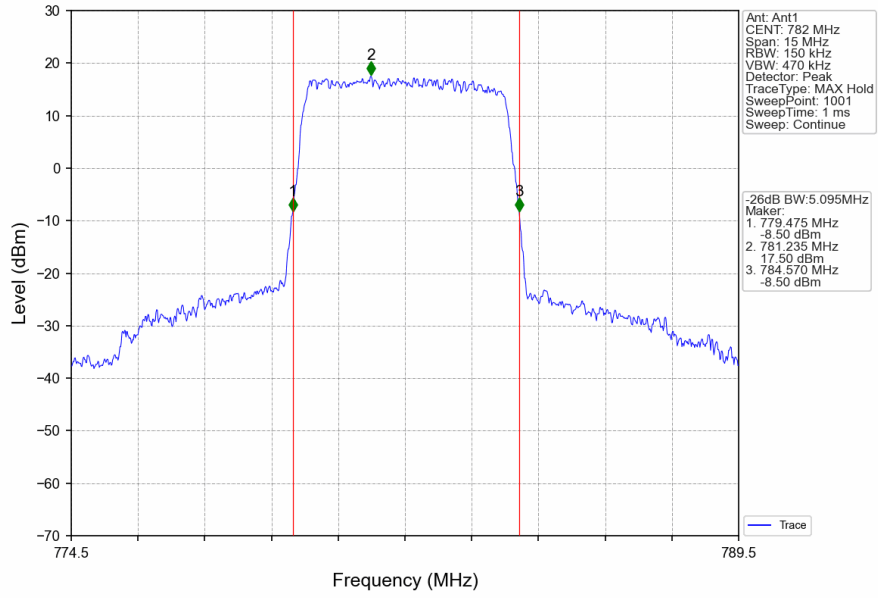
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



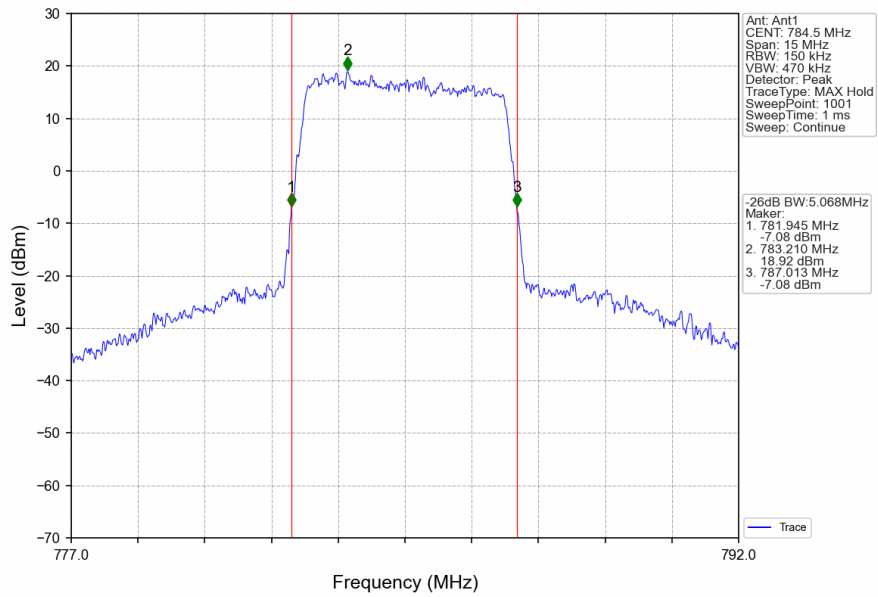
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



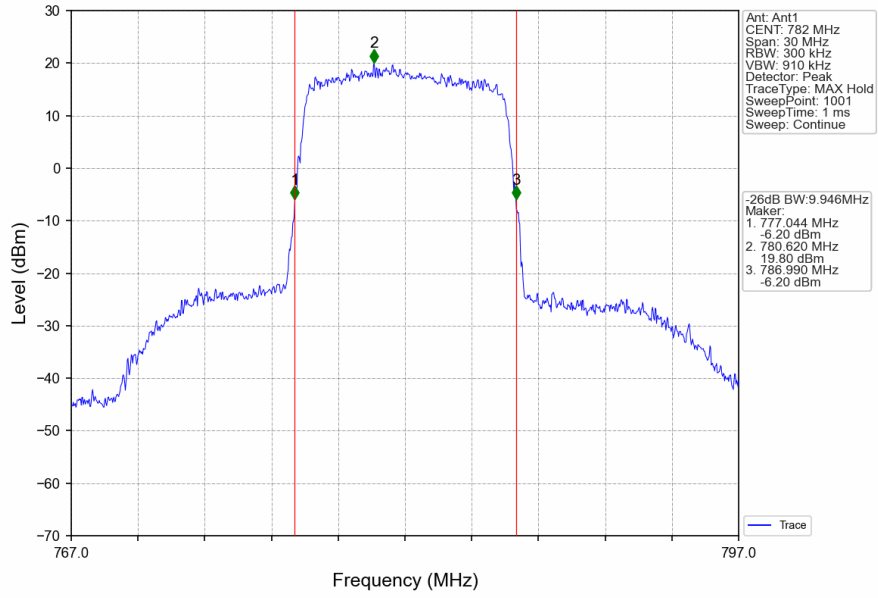
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



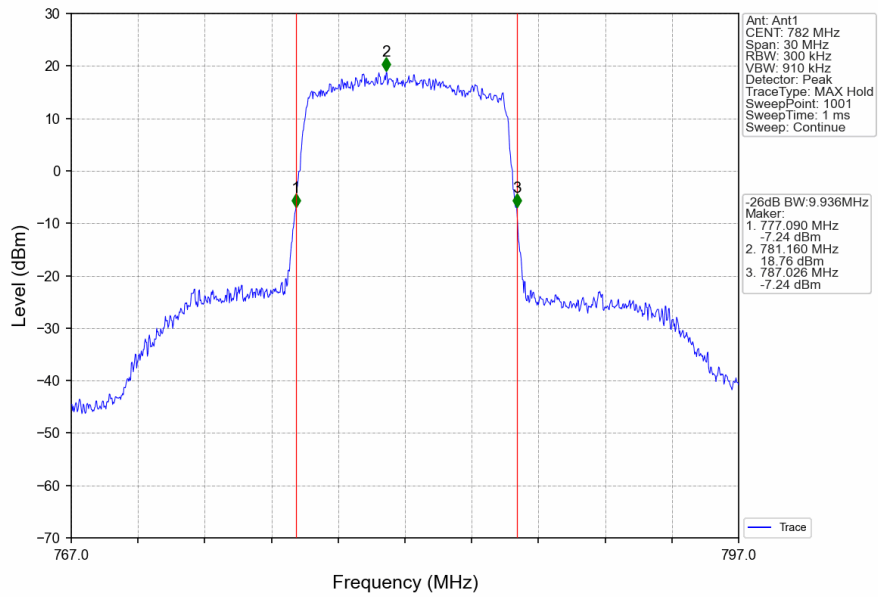
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



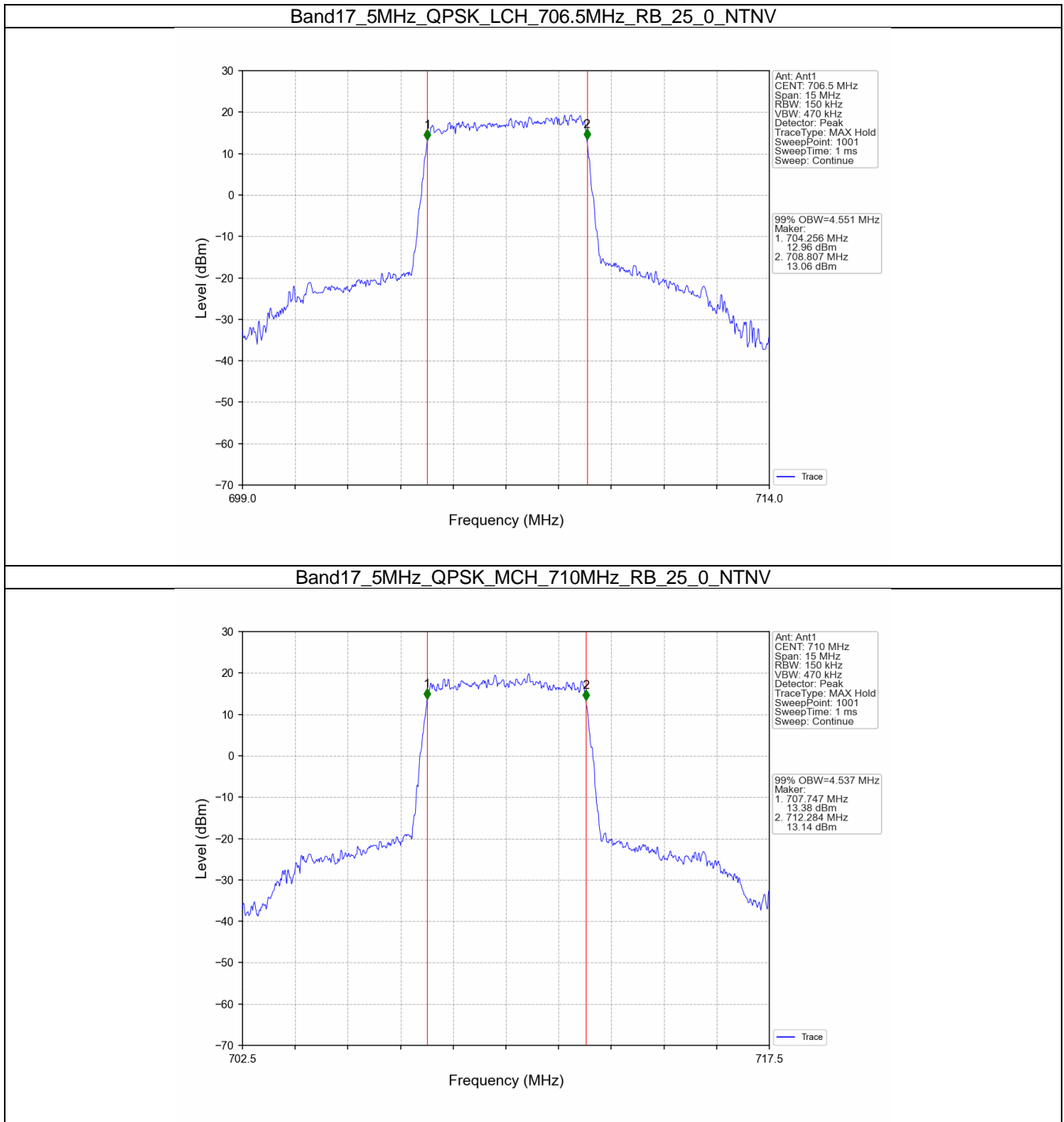
3. 99% & 26dB Bandwidth

3.1 Band17_OBW

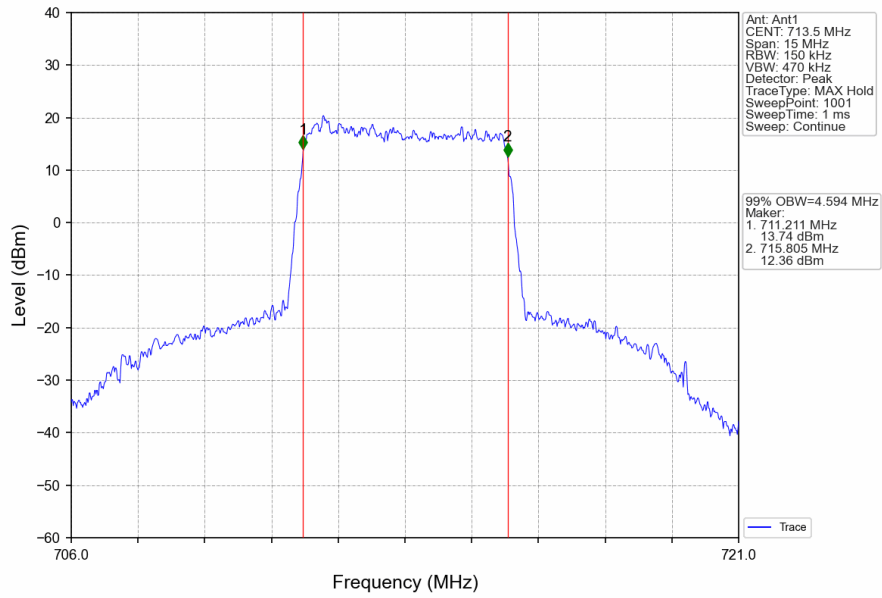
3.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.551	Pass
		710	25	0	4.537	Pass
		713.5	25	0	4.594	Pass
	16QAM	706.5	25	0	4.573	Pass
		710	25	0	4.548	Pass
		713.5	25	0	4.559	Pass
10	QPSK	709	50	0	8.972	Pass
		710	50	0	8.957	Pass
		711	50	0	9.001	Pass
	16QAM	709	50	0	8.960	Pass
		710	50	0	8.958	Pass
		711	50	0	8.991	Pass

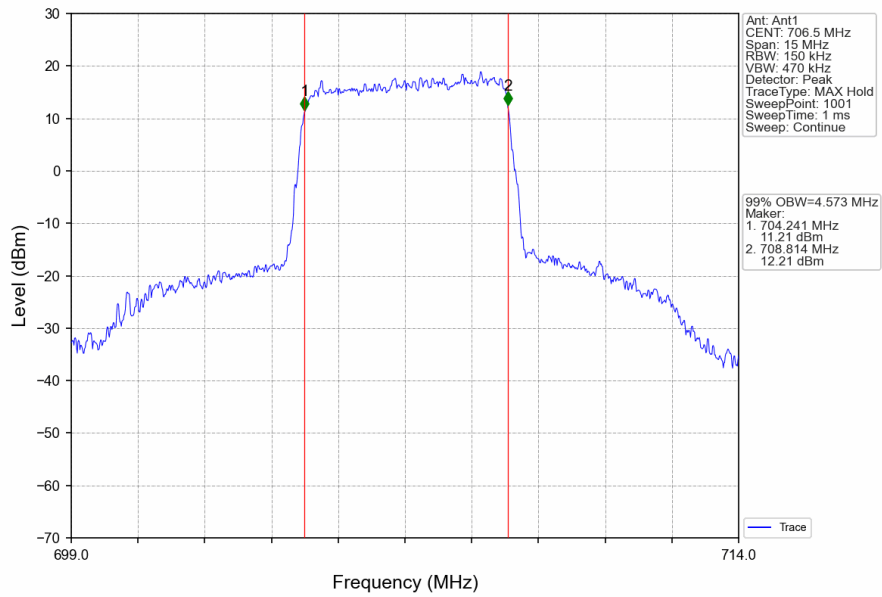
3.1.2 Test Graph



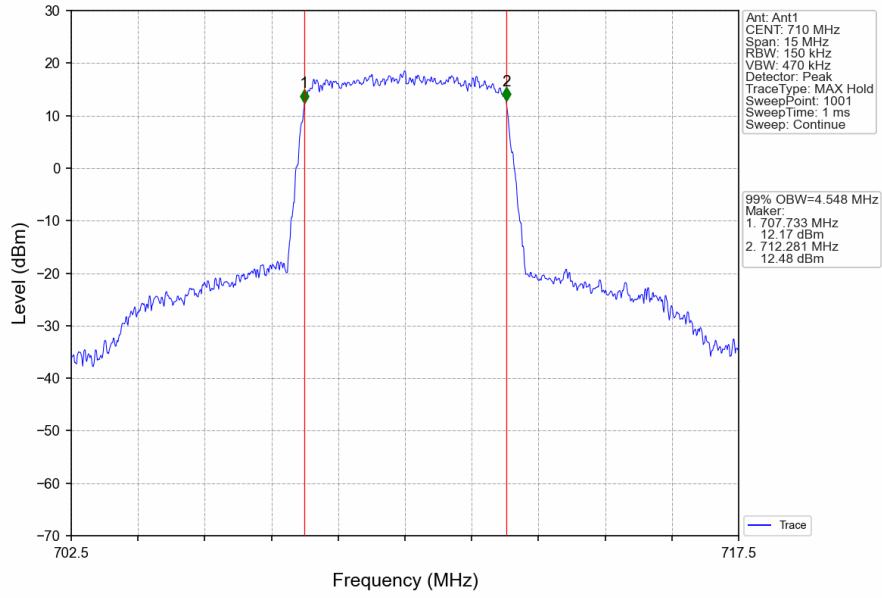
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



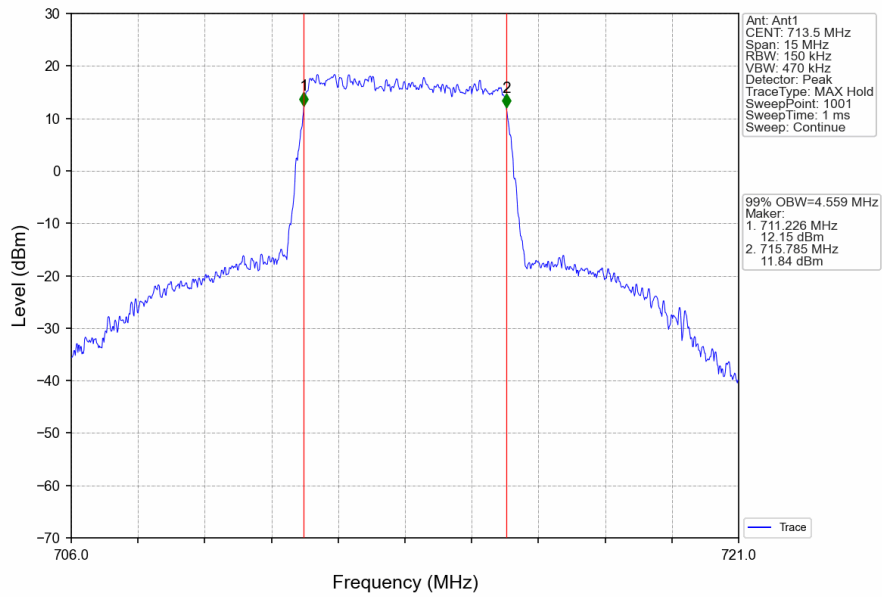
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



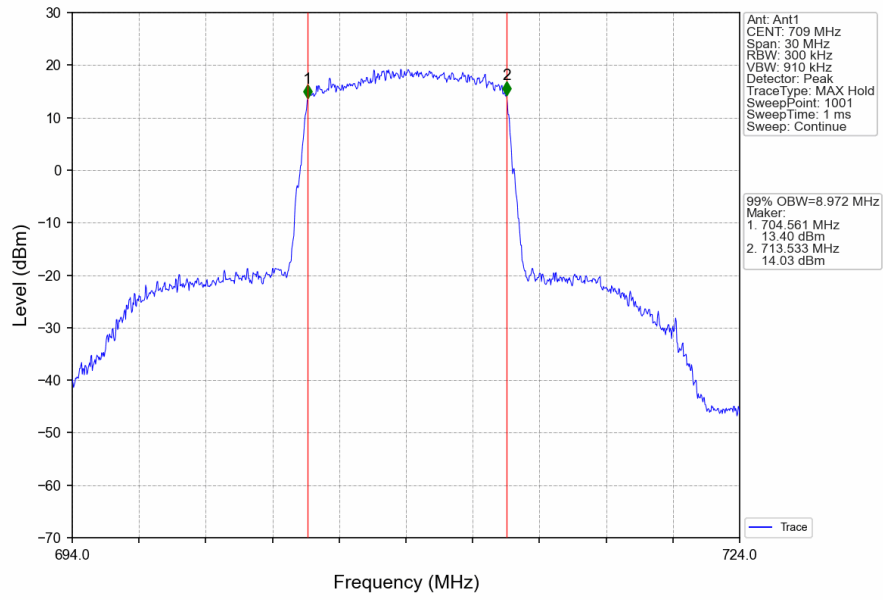
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



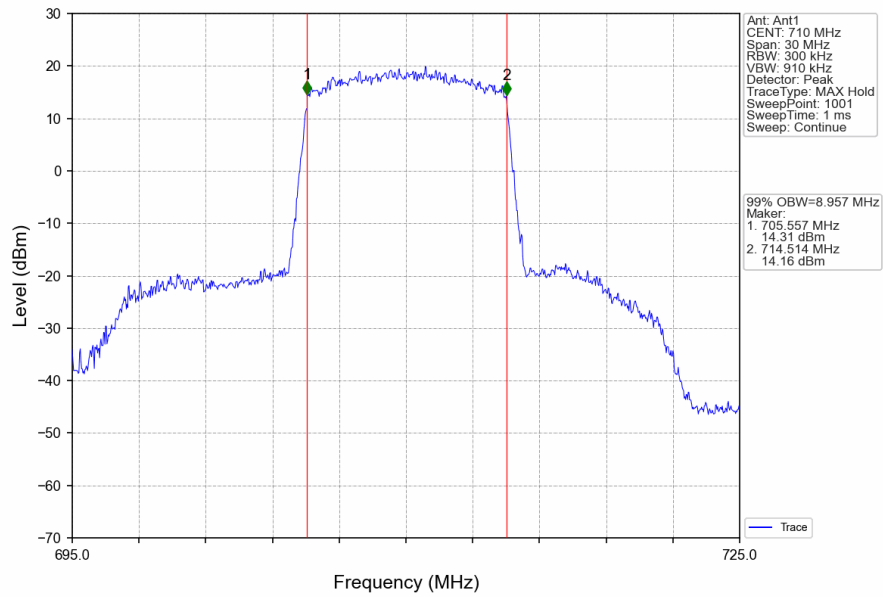
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



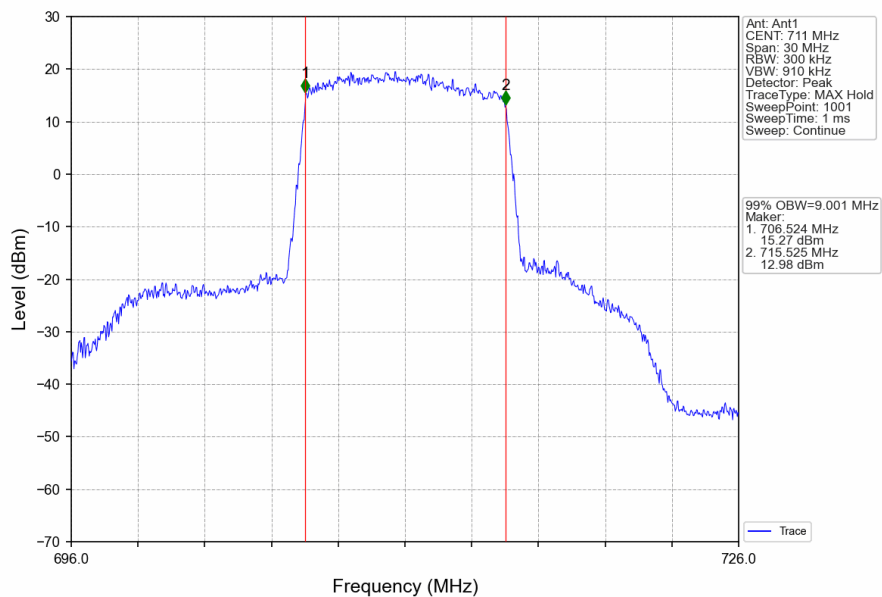
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



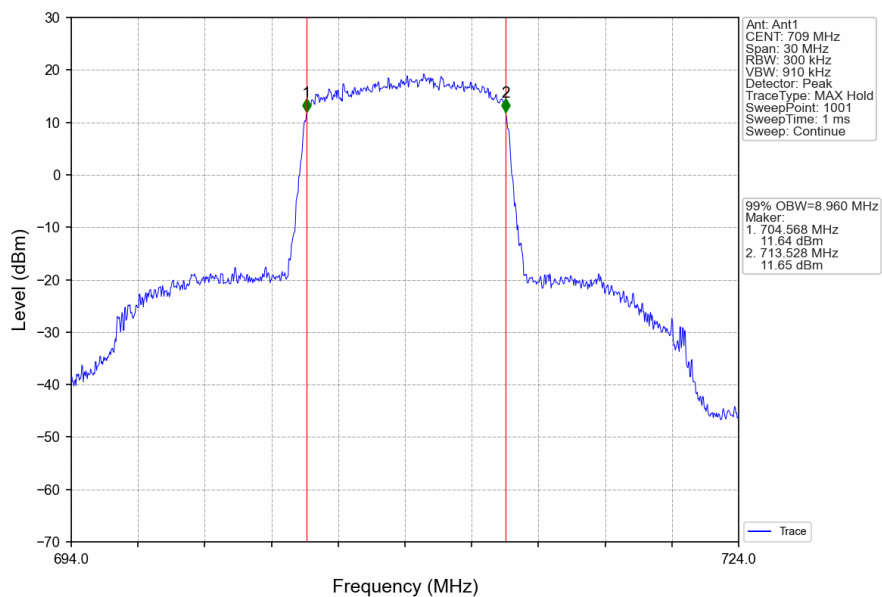
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



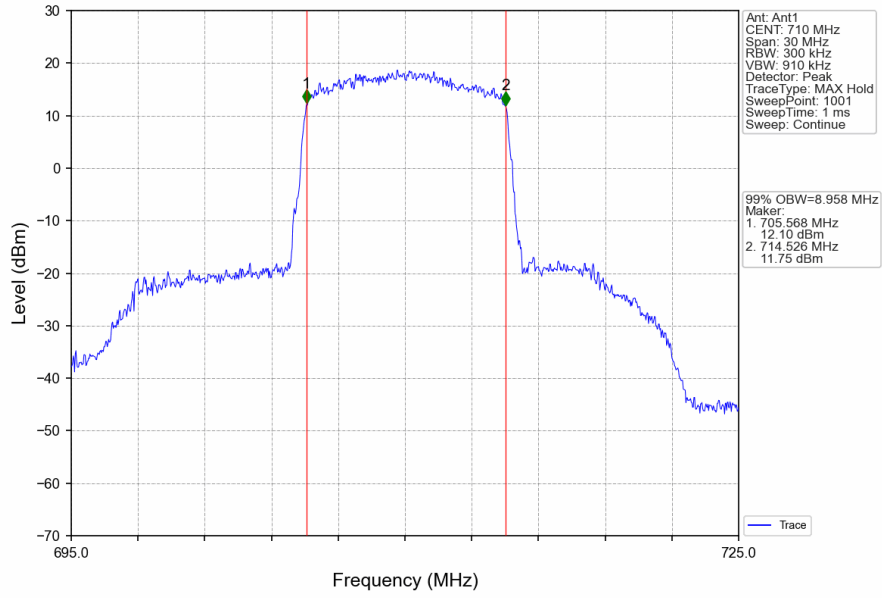
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



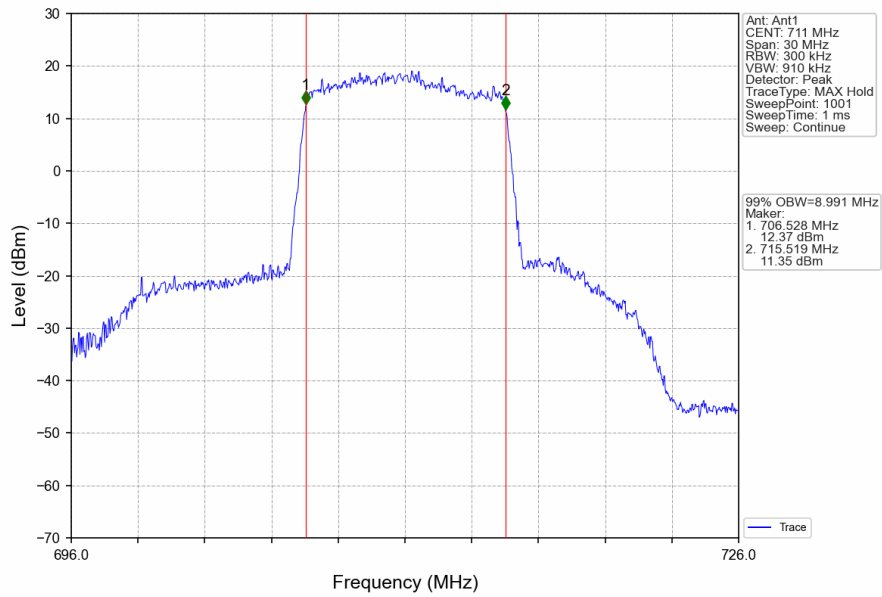
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

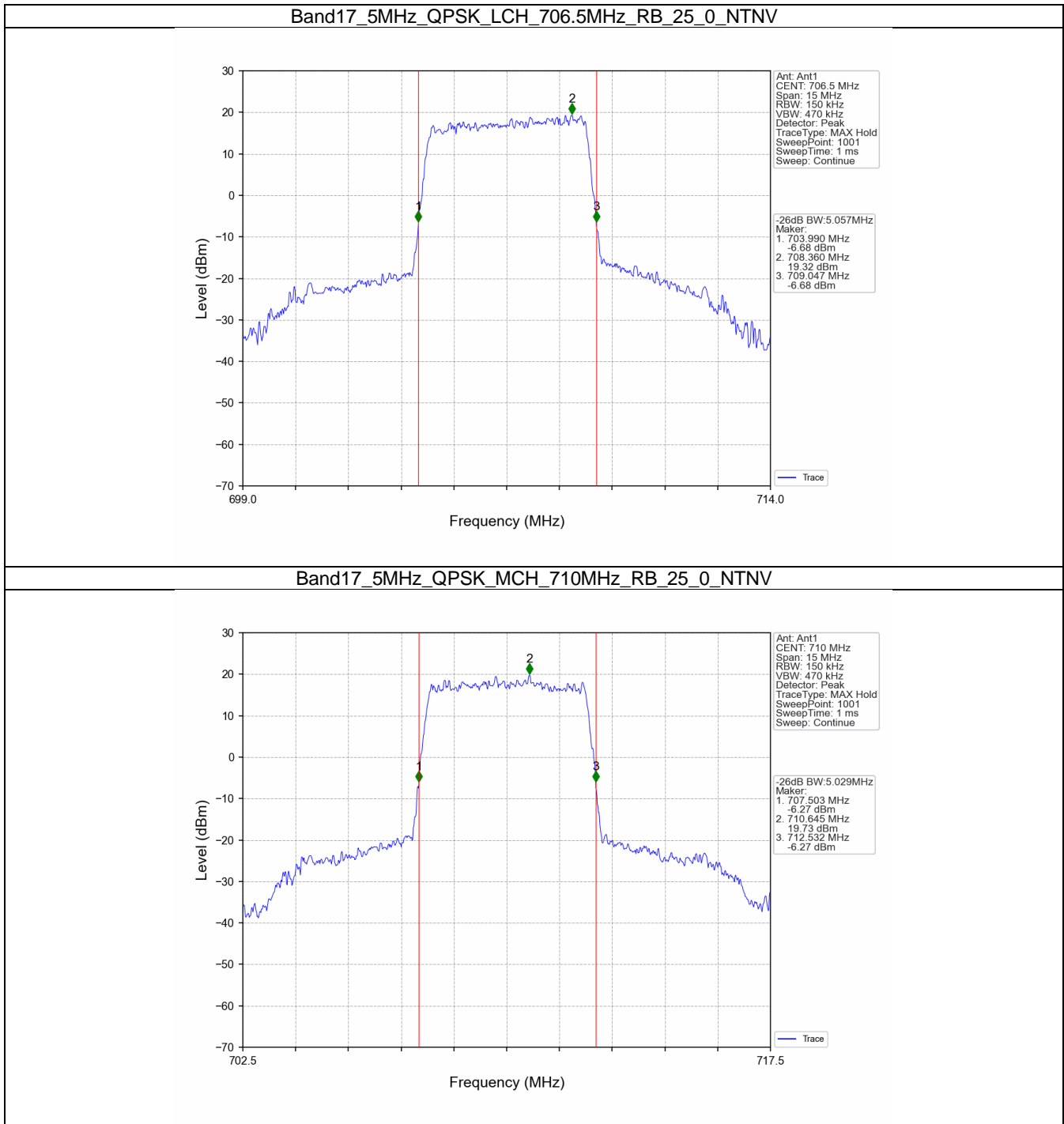


3.2 Band17_XDB

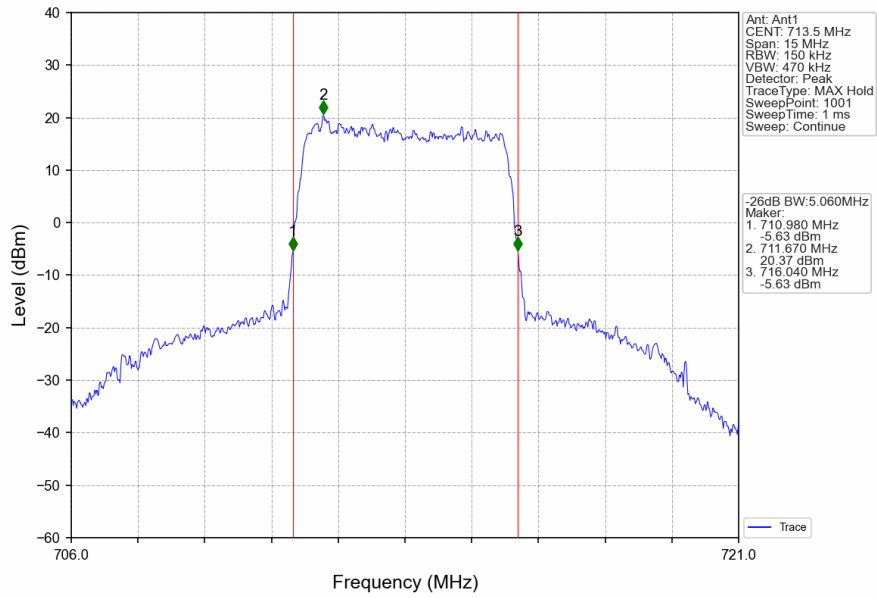
3.2.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.057	Pass
		710	25	0	5.029	Pass
		713.5	25	0	5.060	Pass
	16QAM	706.5	25	0	5.079	Pass
		710	25	0	5.055	Pass
		713.5	25	0	5.070	Pass
10	QPSK	709	50	0	9.998	Pass
		710	50	0	9.887	Pass
		711	50	0	9.944	Pass
	16QAM	709	50	0	9.899	Pass
		710	50	0	9.828	Pass
		711	50	0	9.953	Pass

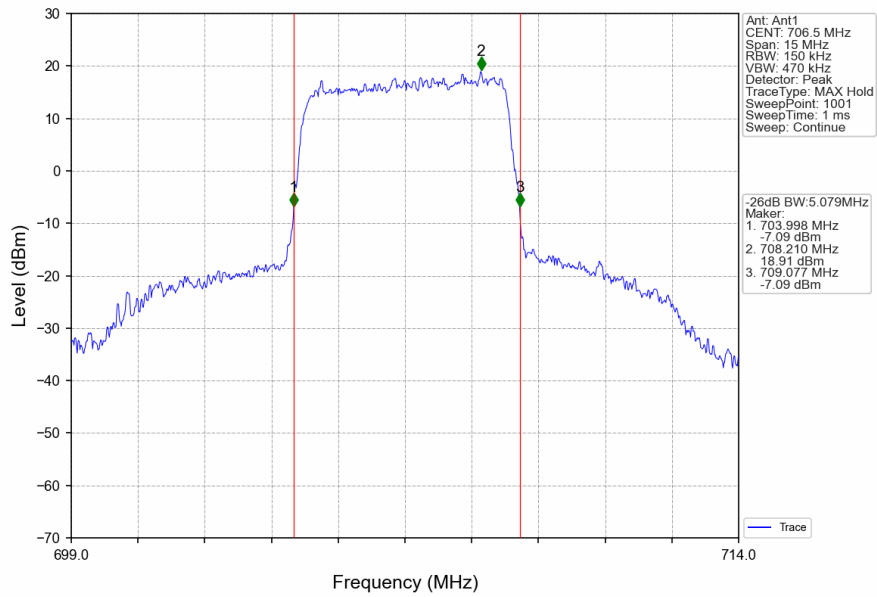
3.2.2 Test Graph



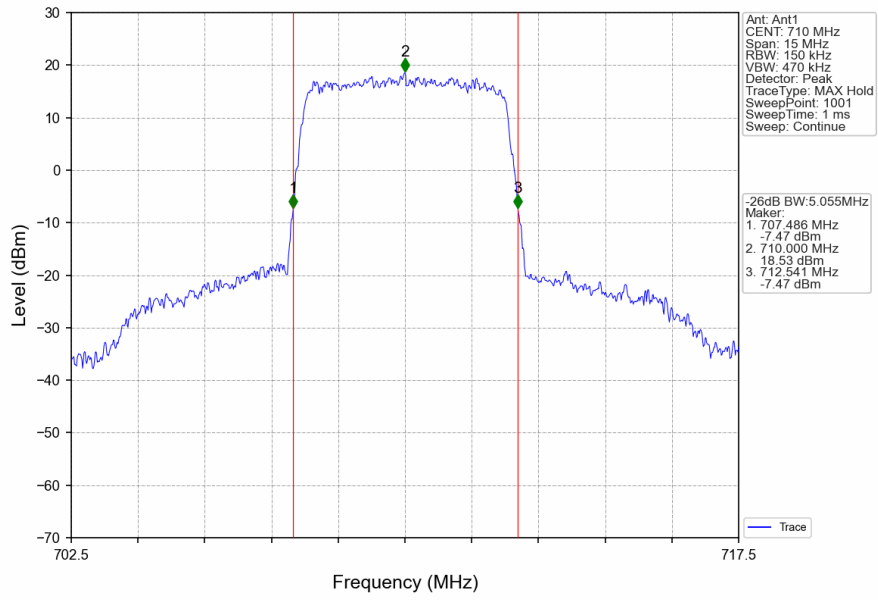
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



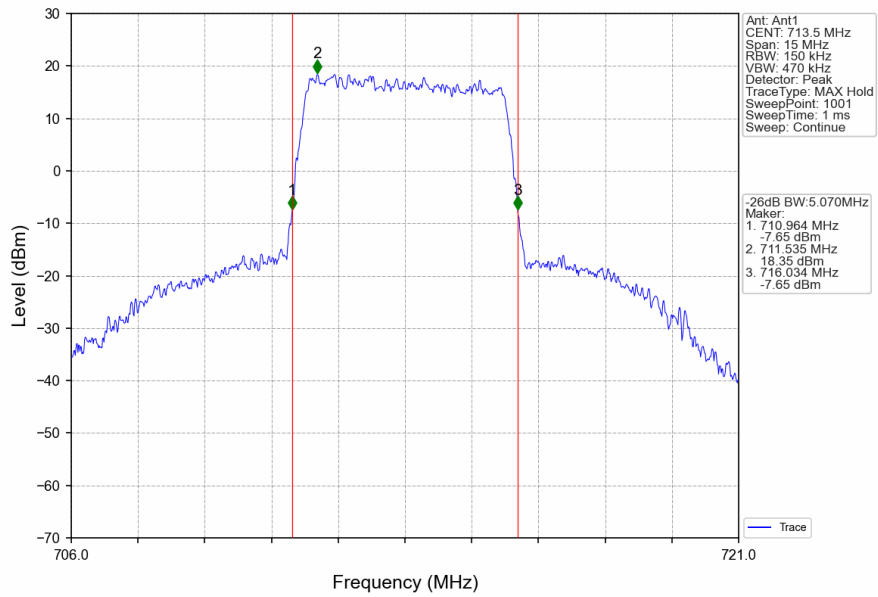
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



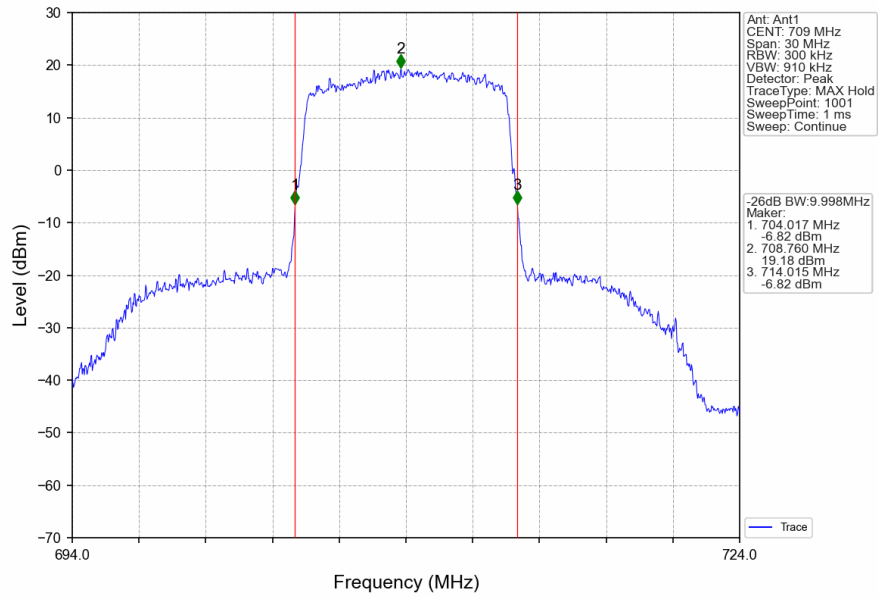
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



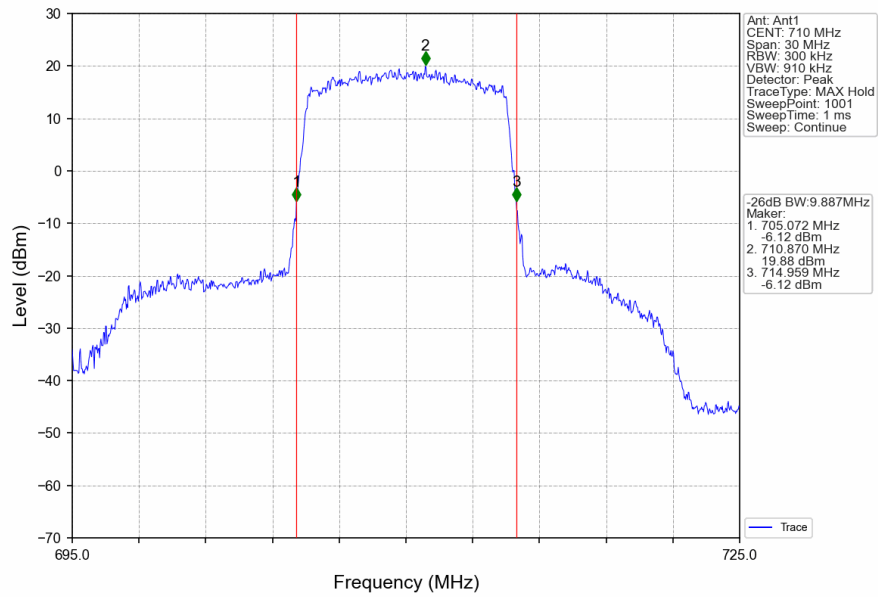
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



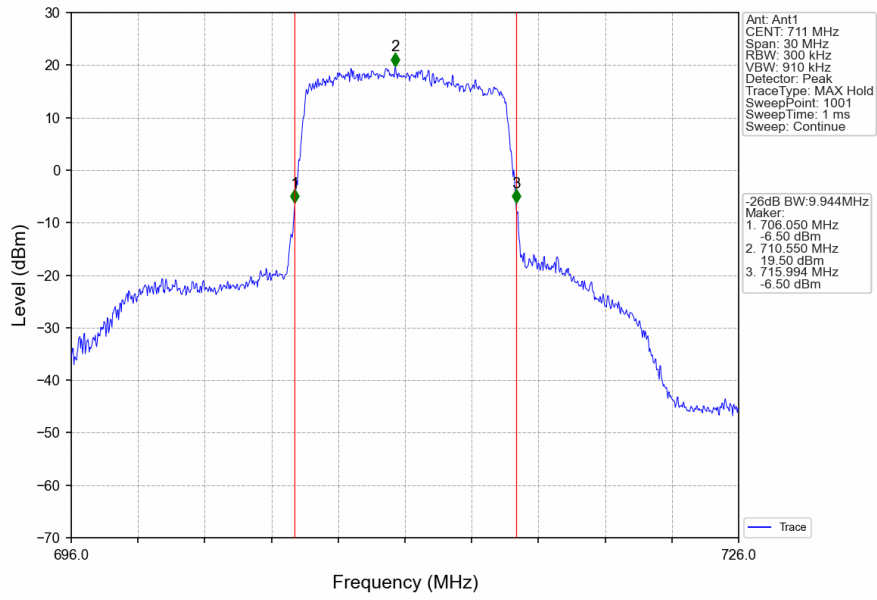
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



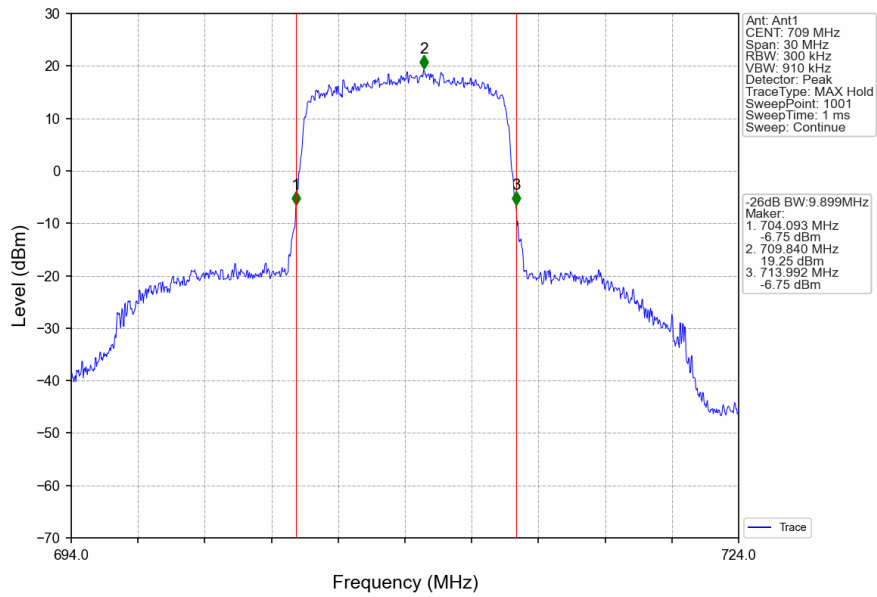
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



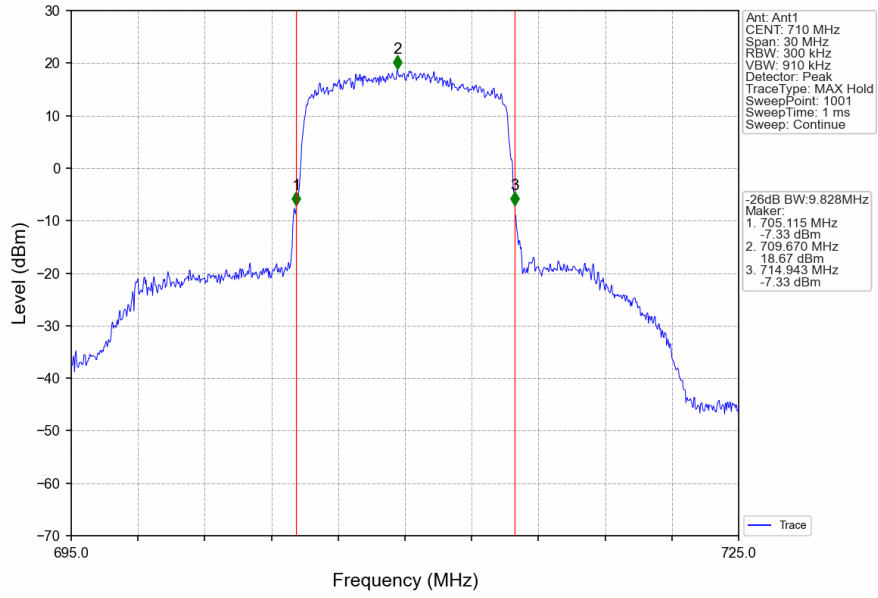
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



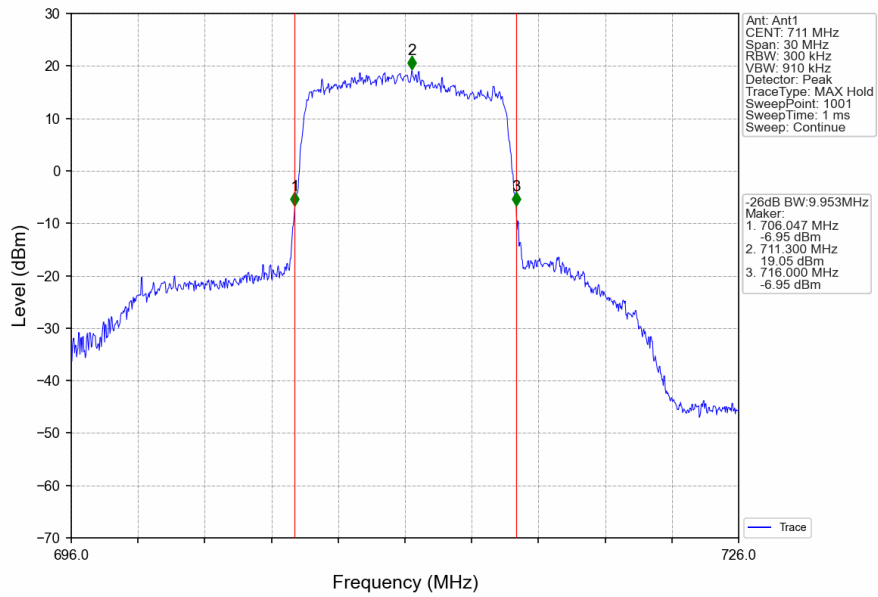
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



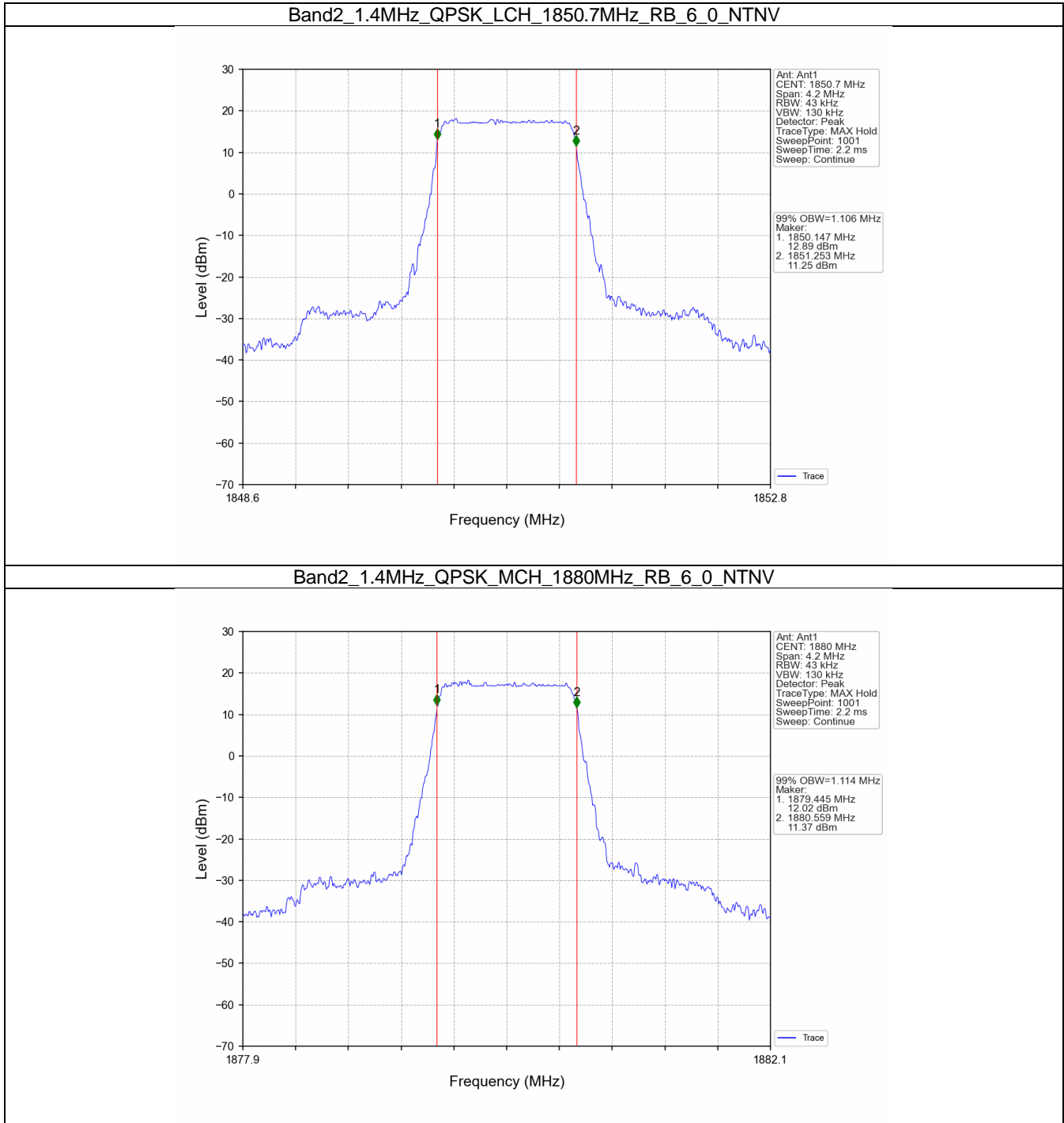
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

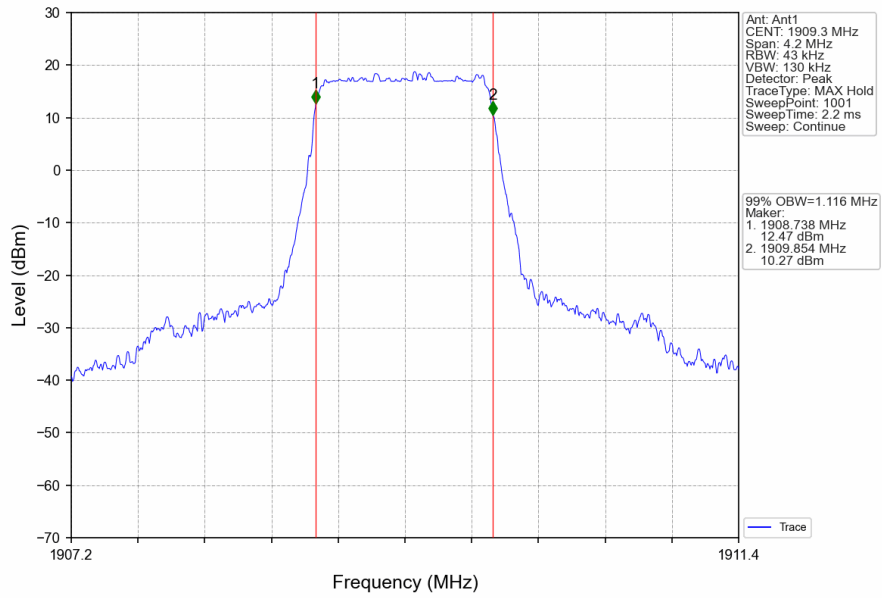
4.1.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.106	Pass
		1880	6	0	1.114	Pass
		1909.3	6	0	1.116	Pass
	16QAM	1850.7	6	0	1.118	Pass
		1880	6	0	1.113	Pass
		1909.3	6	0	1.110	Pass
3	QPSK	1851.5	15	0	2.746	Pass
		1880	15	0	2.744	Pass
		1908.5	15	0	2.747	Pass
	16QAM	1851.5	15	0	2.746	Pass
		1880	15	0	2.735	Pass
		1908.5	15	0	2.735	Pass
5	QPSK	1852.5	25	0	4.555	Pass
		1880	25	0	4.556	Pass
		1907.5	25	0	4.546	Pass
	16QAM	1852.5	25	0	4.546	Pass
		1880	25	0	4.588	Pass
		1907.5	25	0	4.566	Pass
10	QPSK	1855	50	0	9.014	Pass
		1880	50	0	9.041	Pass
		1905	50	0	9.047	Pass
	16QAM	1855	50	0	9.020	Pass
		1880	50	0	9.019	Pass
		1905	50	0	9.058	Pass
15	QPSK	1857.5	75	0	13.504	Pass
		1880	75	0	13.565	Pass
		1902.5	75	0	13.572	Pass
	16QAM	1857.5	75	0	13.506	Pass
		1880	75	0	13.576	Pass
		1902.5	75	0	13.592	Pass
20	QPSK	1860	100	0	17.935	Pass
		1880	100	0	18.054	Pass
		1900	100	0	18.024	Pass
	16QAM	1860	100	0	17.962	Pass
		1880	100	0	18.097	Pass
		1900	100	0	18.045	Pass

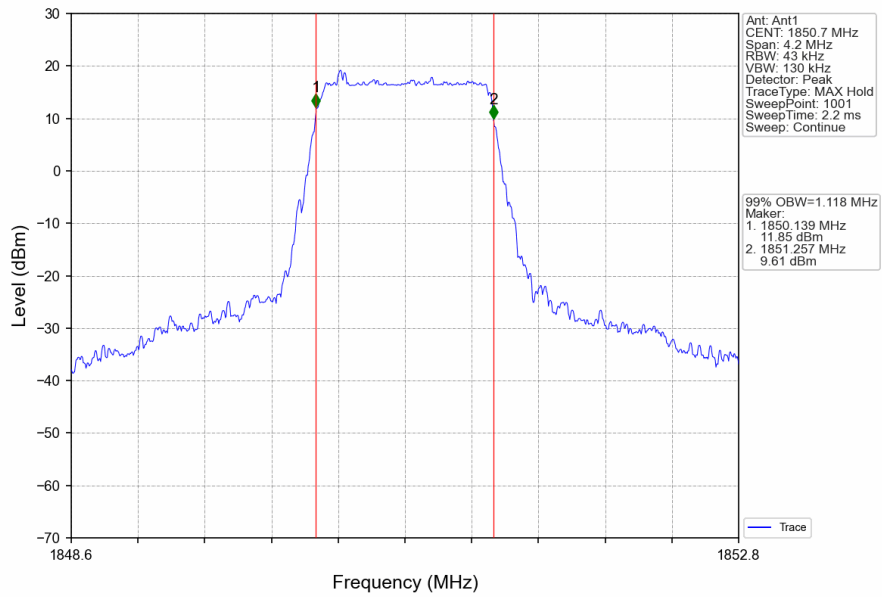
4.1.2 Test Graph



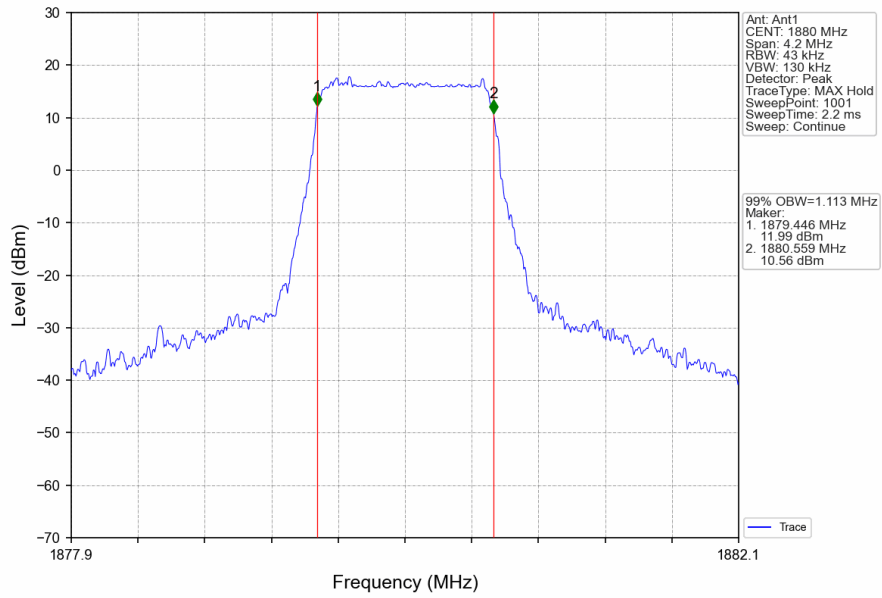
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



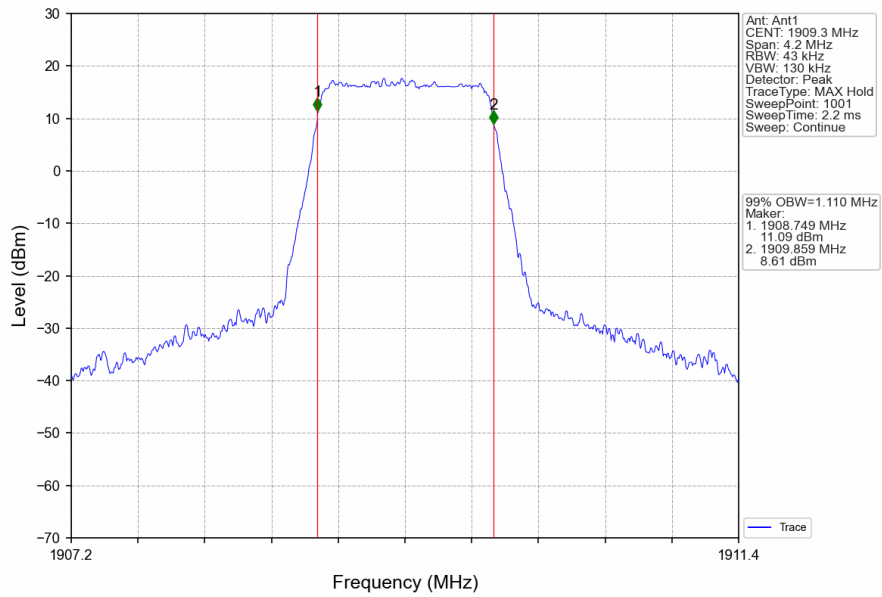
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



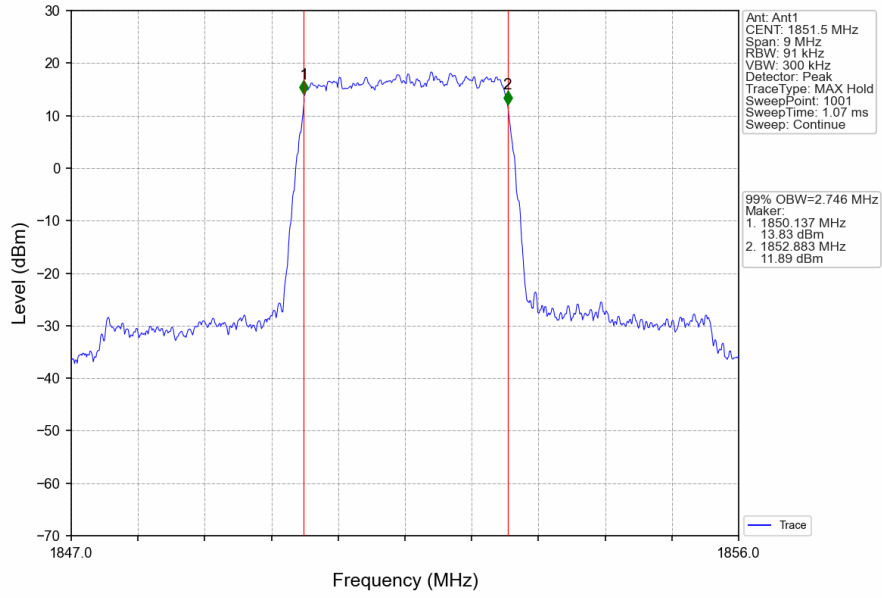
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



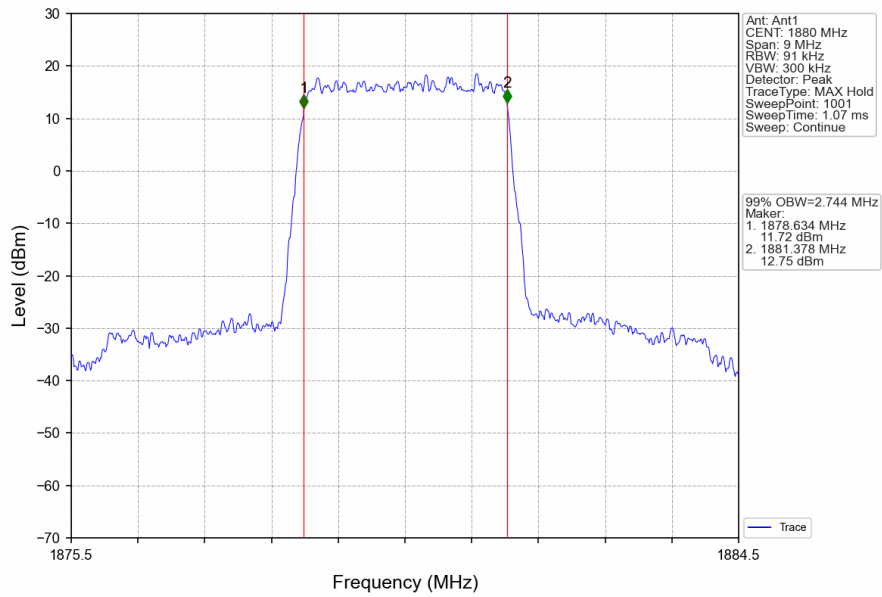
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



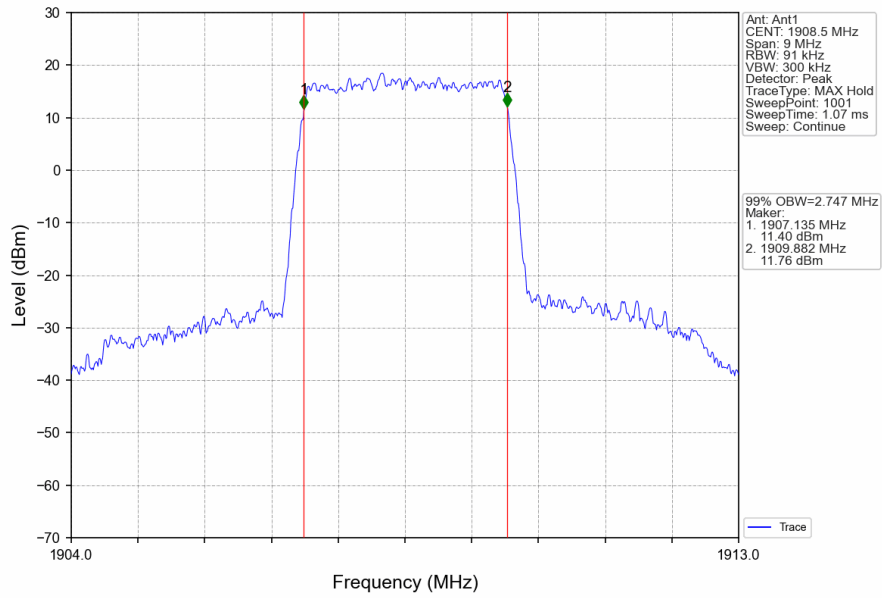
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



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

