

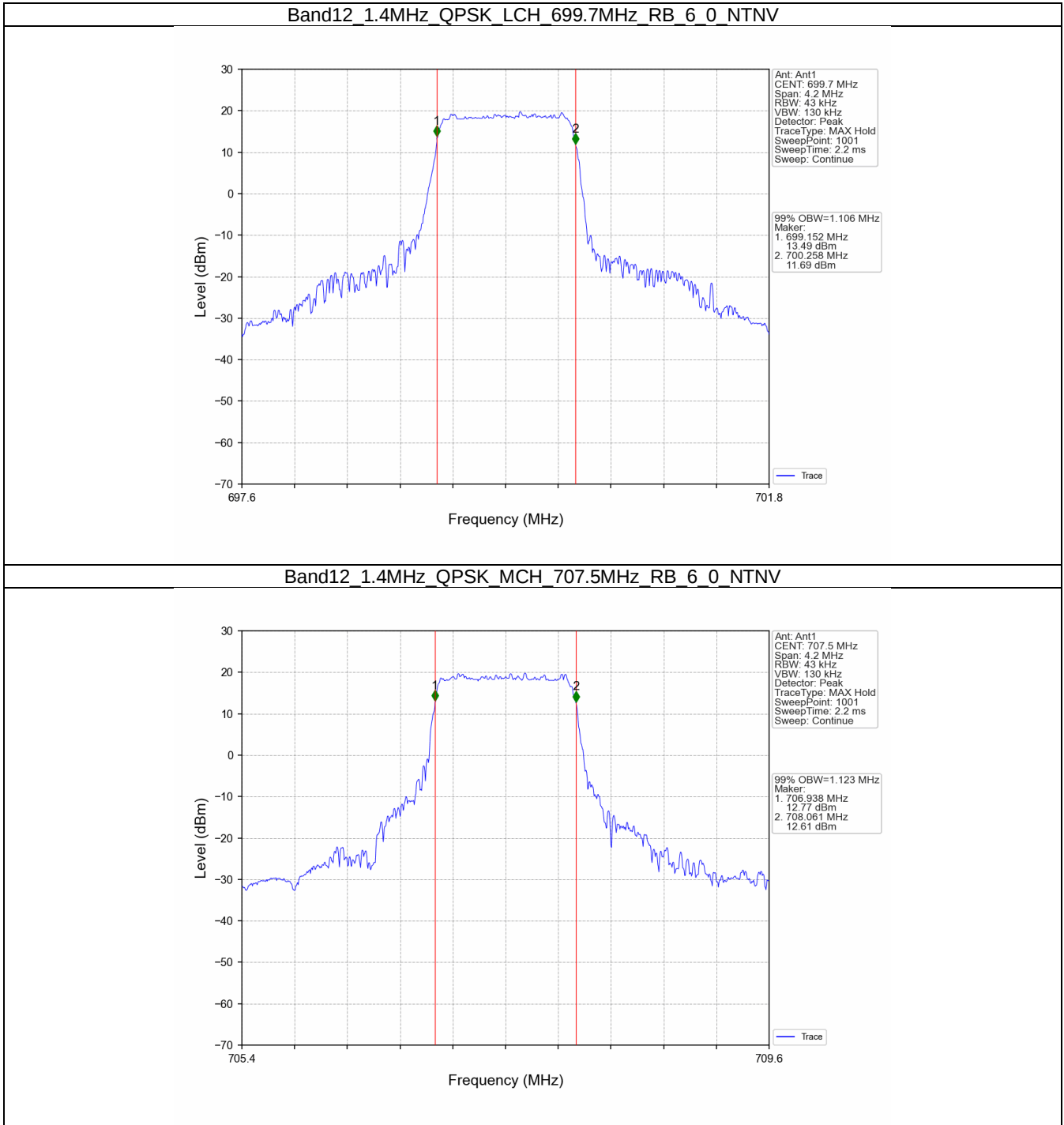
1. 99% & 26dB Bandwidth

1.1 Band12_OBW

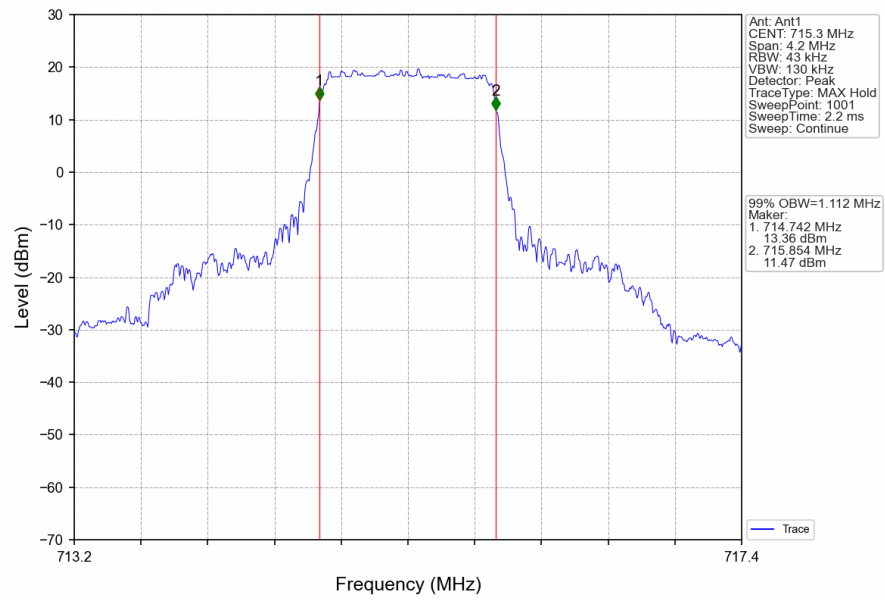
1.1.1 Test Result

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	1.106	Pass
		707.5	6	0	1.123	Pass
		715.3	6	0	1.112	Pass
	16QAM	699.7	6	0	1.108	Pass
		707.5	6	0	1.120	Pass
		715.3	6	0	1.115	Pass
3	QPSK	700.5	15	0	2.756	Pass
		707.5	15	0	2.758	Pass
		714.5	15	0	2.772	Pass
	16QAM	700.5	15	0	2.765	Pass
		707.5	15	0	2.762	Pass
		714.5	15	0	2.761	Pass
5	QPSK	701.5	25	0	4.591	Pass
		707.5	25	0	4.588	Pass
		713.5	25	0	4.554	Pass
	16QAM	701.5	25	0	4.577	Pass
		707.5	25	0	4.613	Pass
		713.5	25	0	4.584	Pass
10	QPSK	704	50	0	9.058	Pass
		707.5	50	0	9.091	Pass
		711	50	0	9.044	Pass
	16QAM	704	50	0	9.024	Pass
		707.5	50	0	9.100	Pass
		711	50	0	9.061	Pass

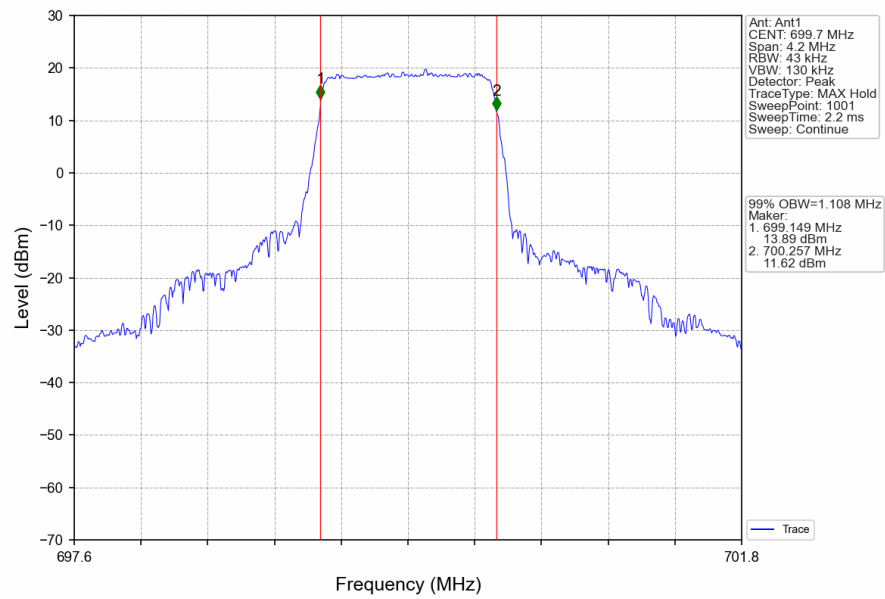
1.1.2 Test Graph



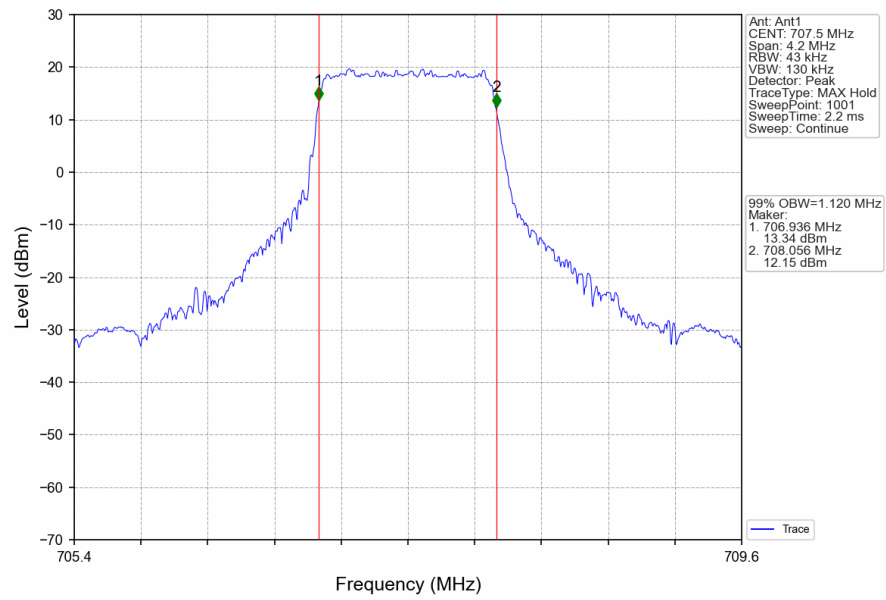
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



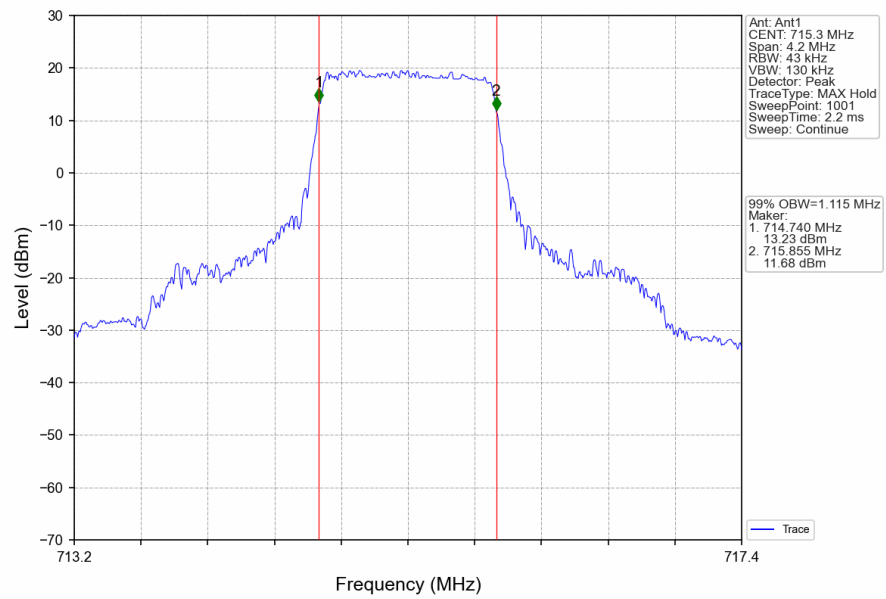
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



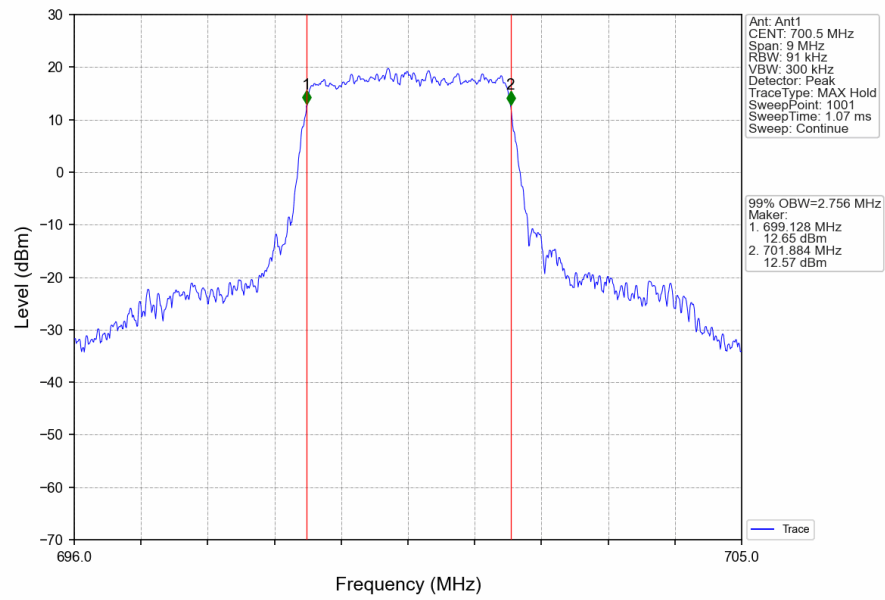
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



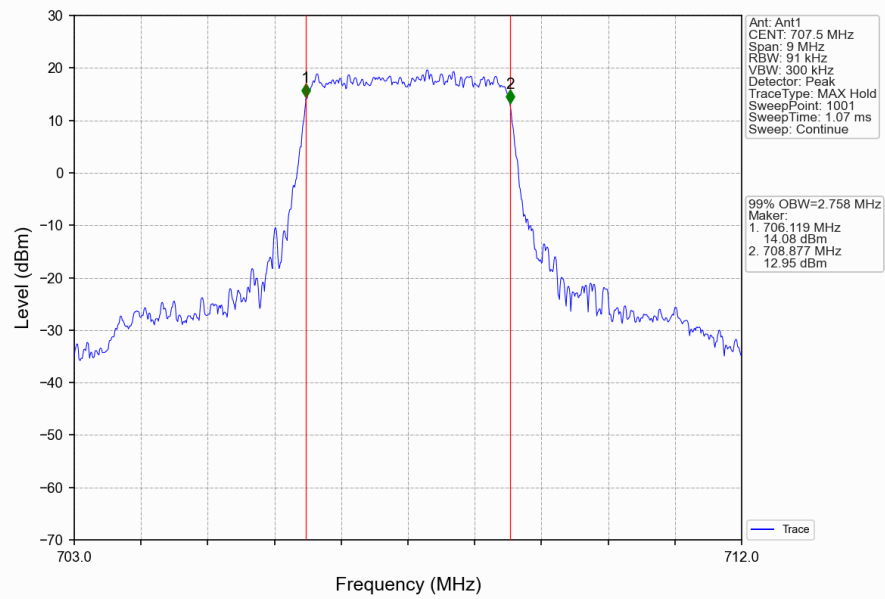
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



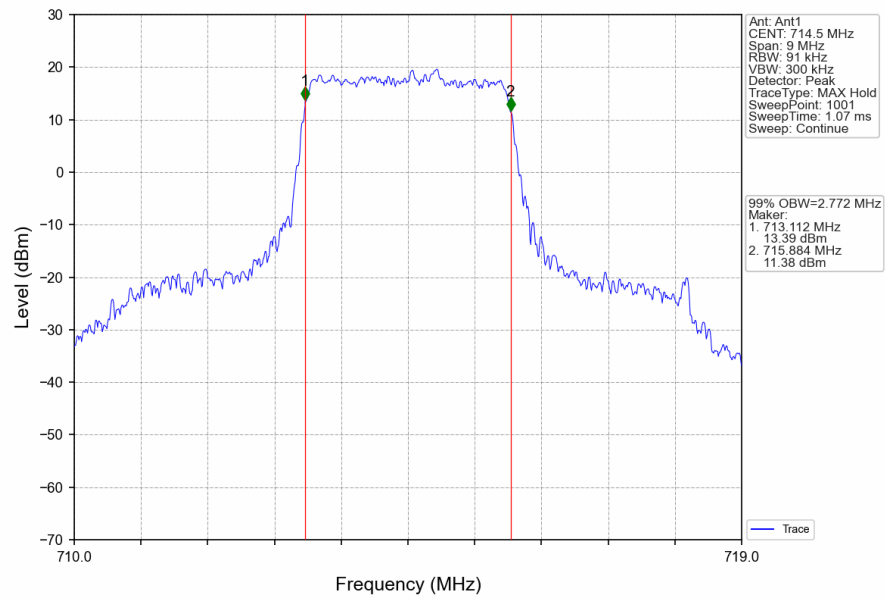
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



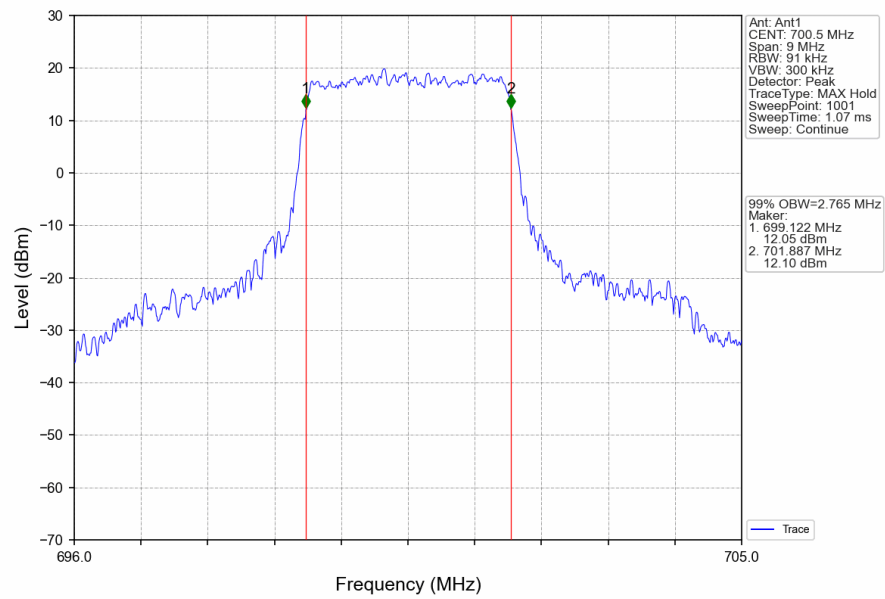
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



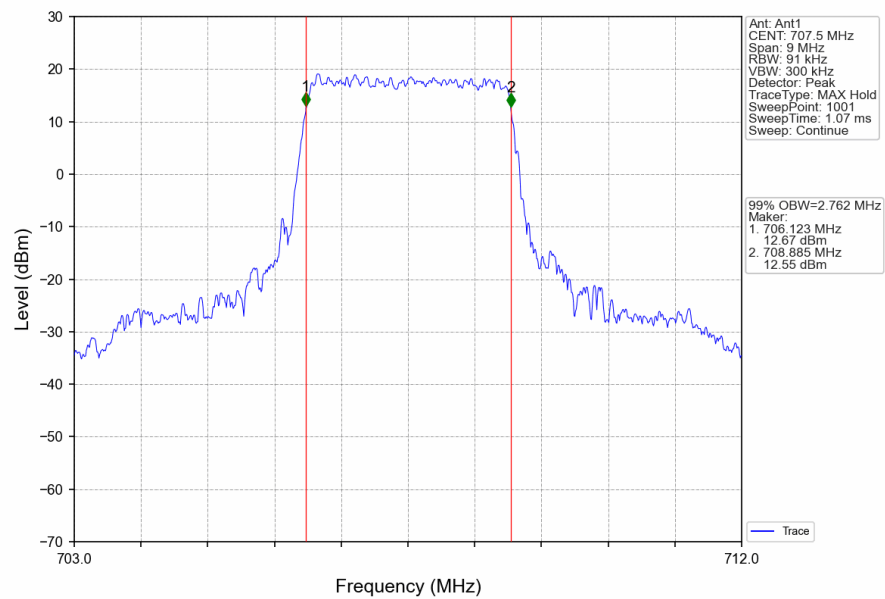
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



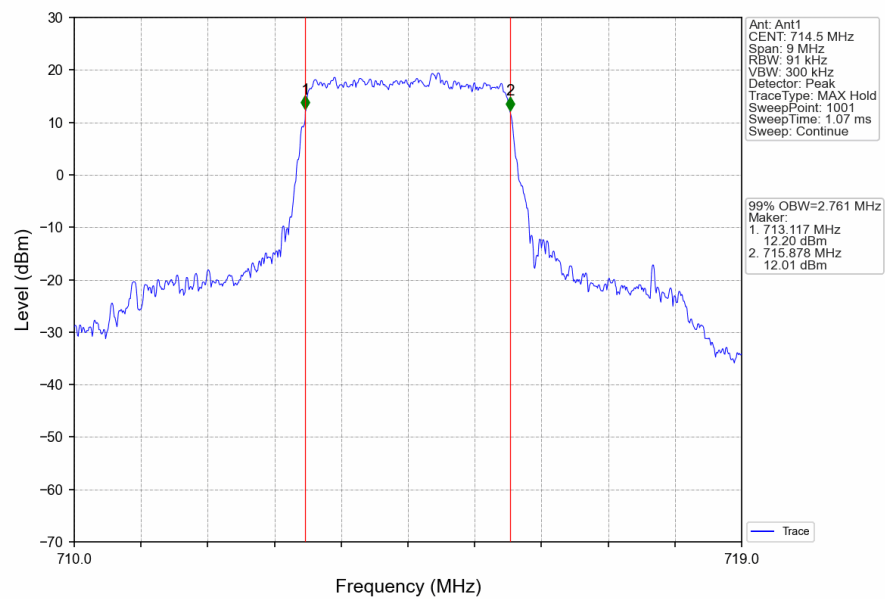
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



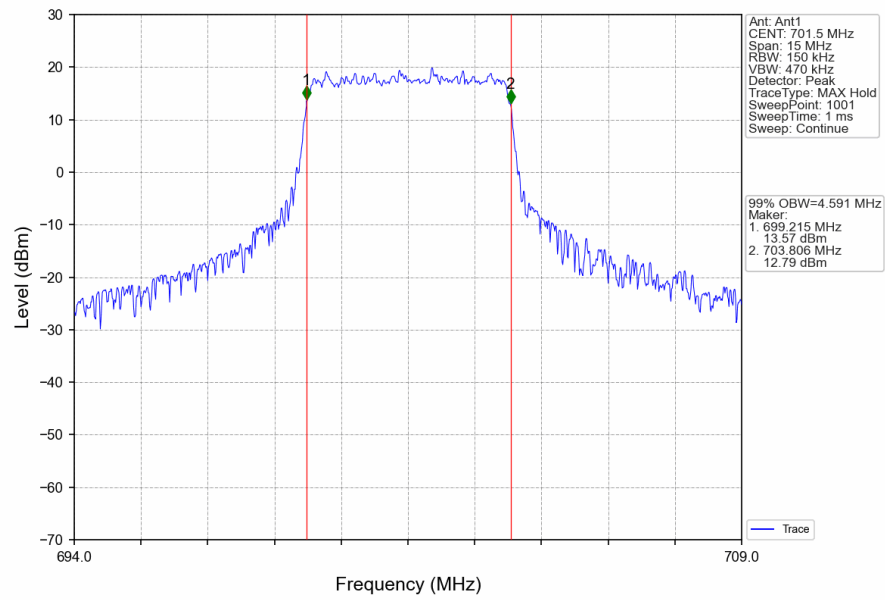
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



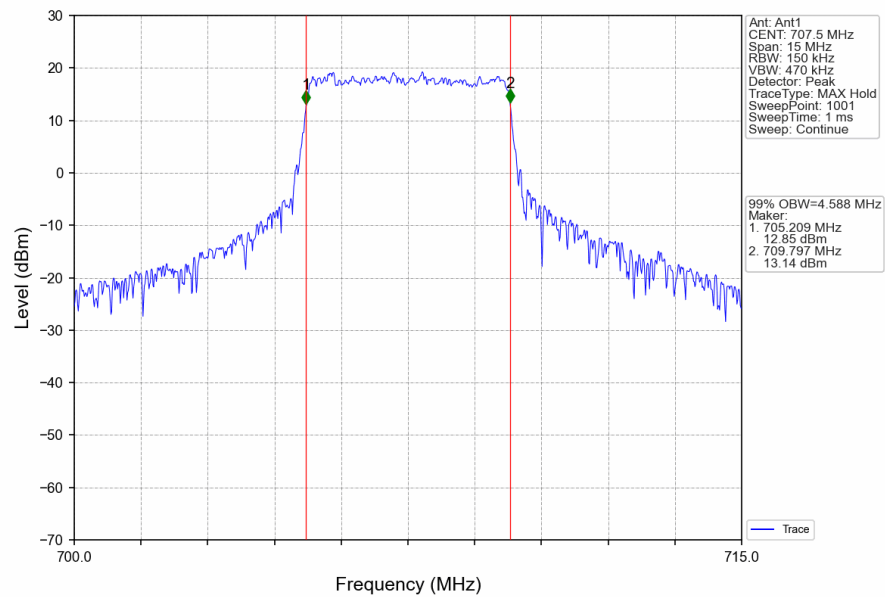
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



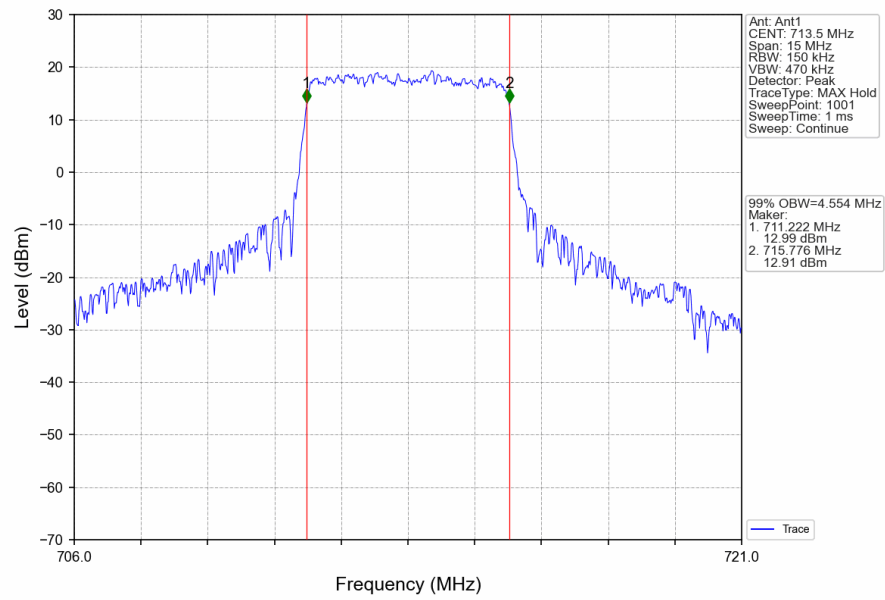
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



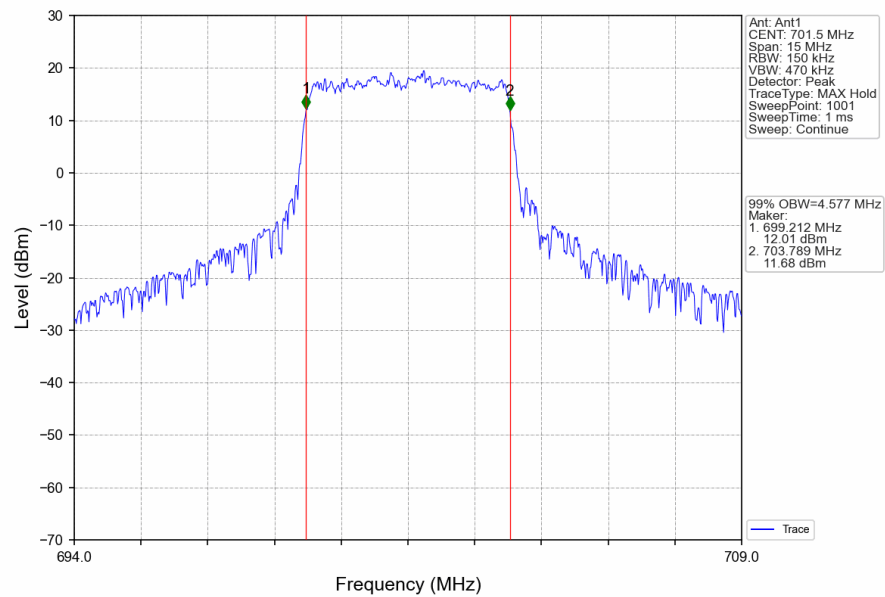
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



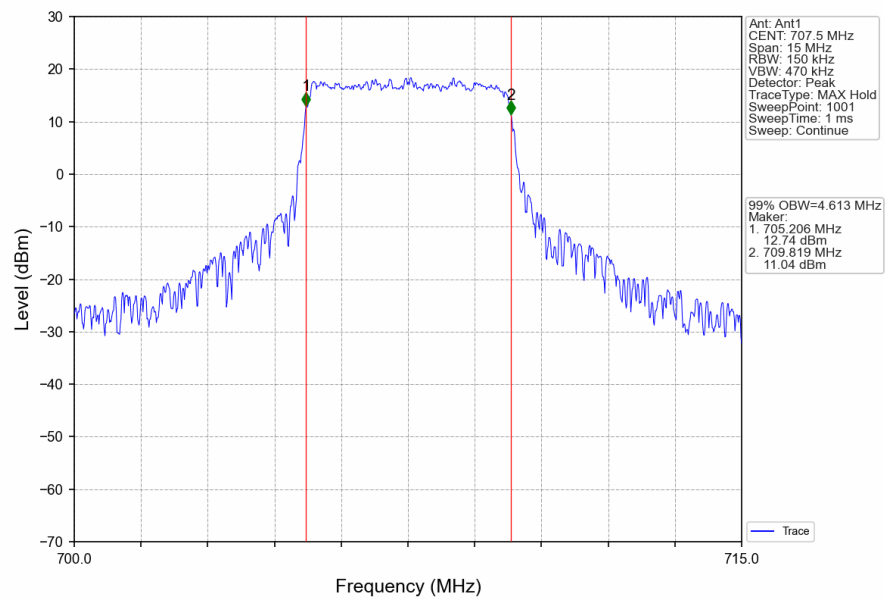
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



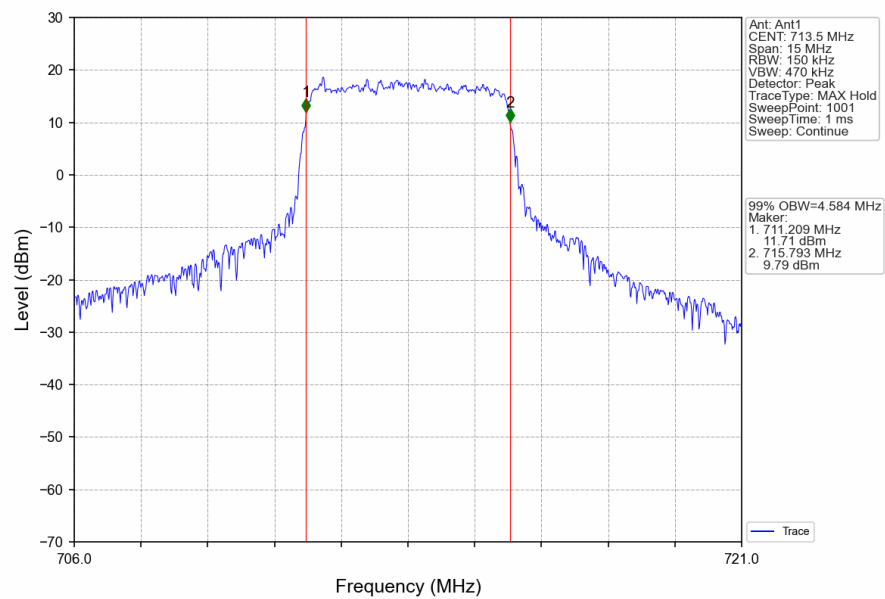
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



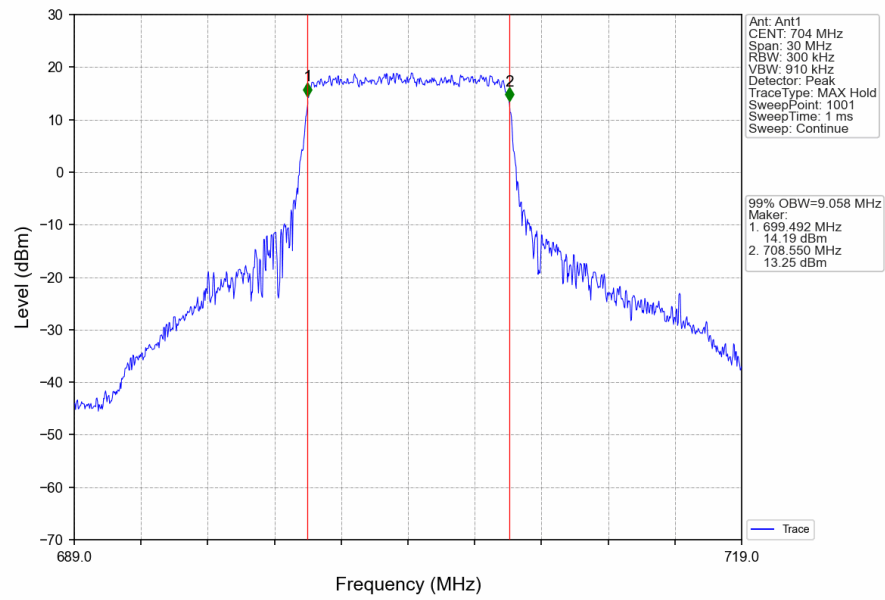
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



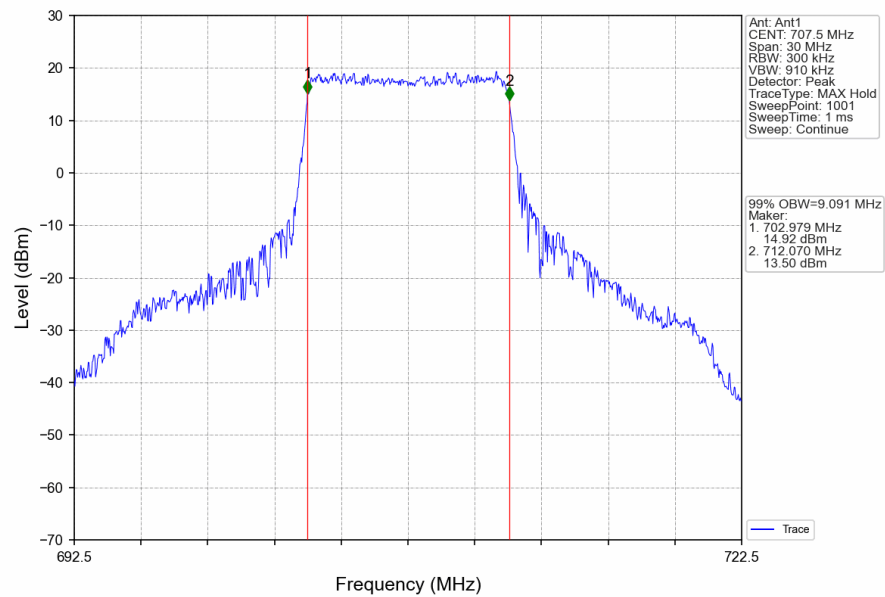
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



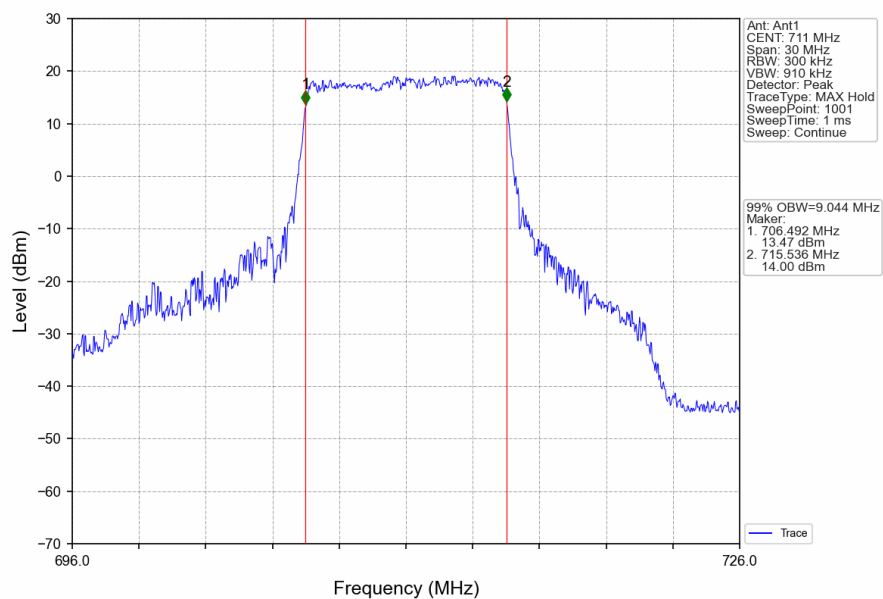
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



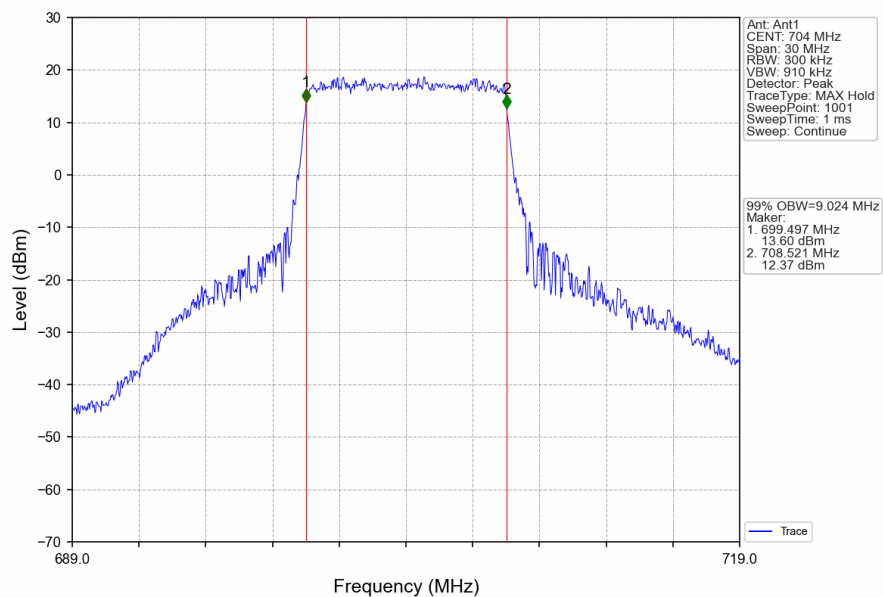
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



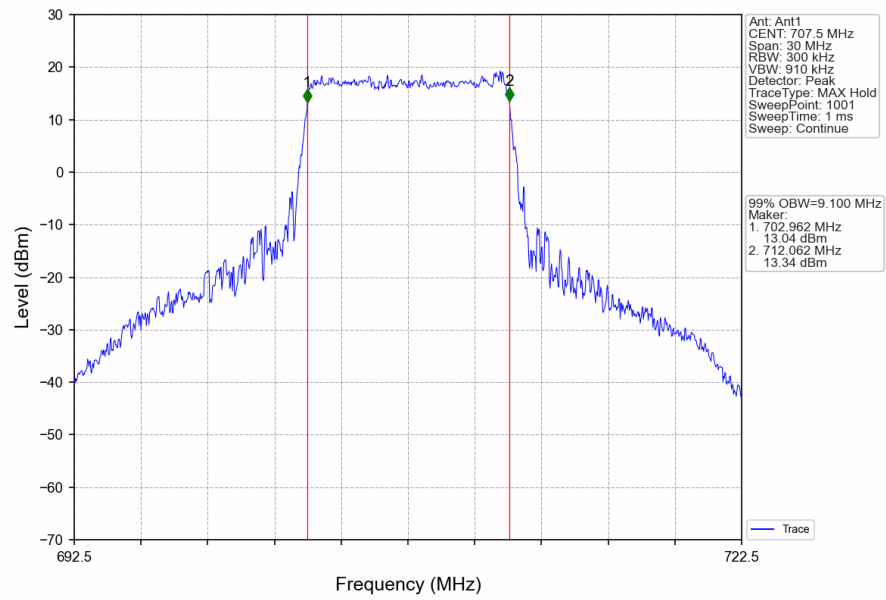
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



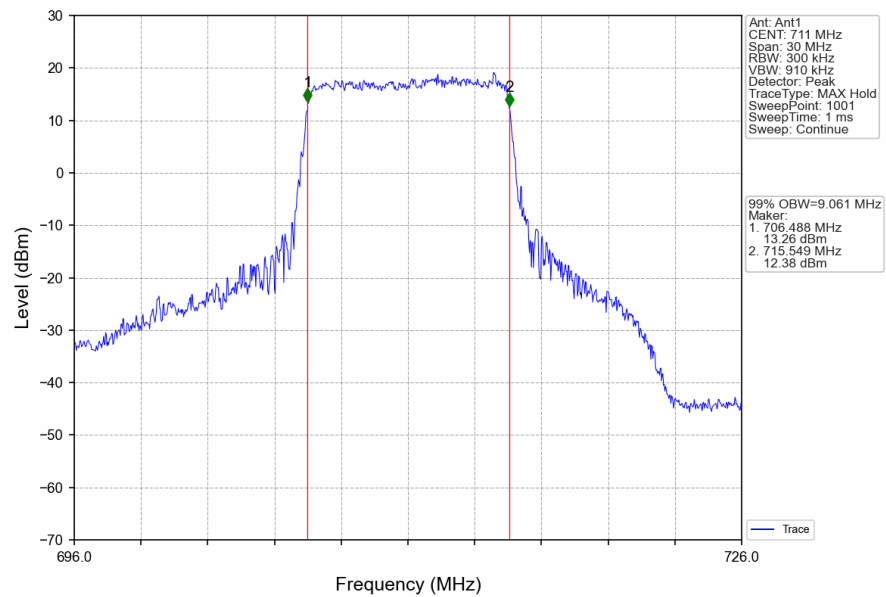
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

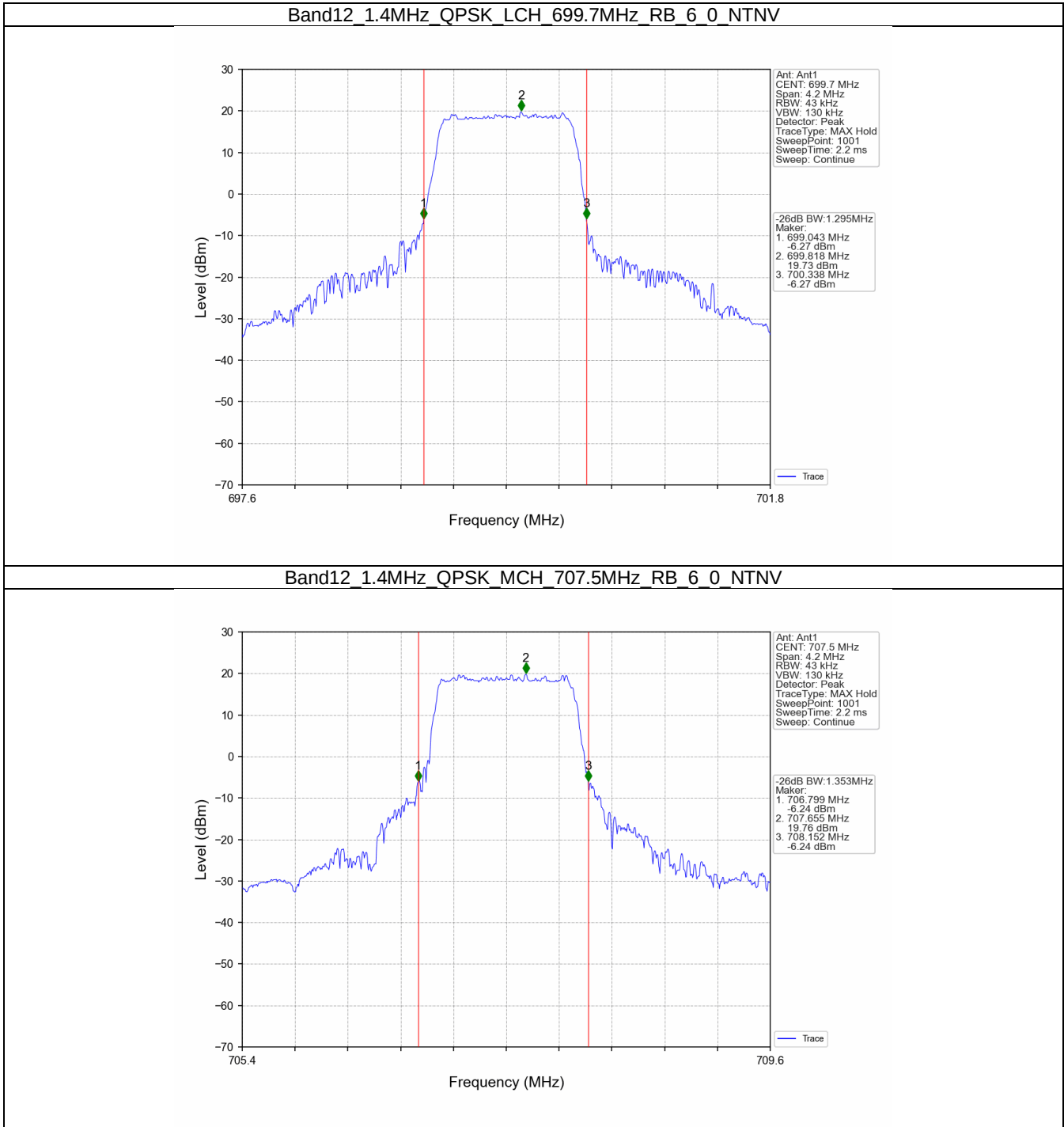


1.2 Band12_XDB

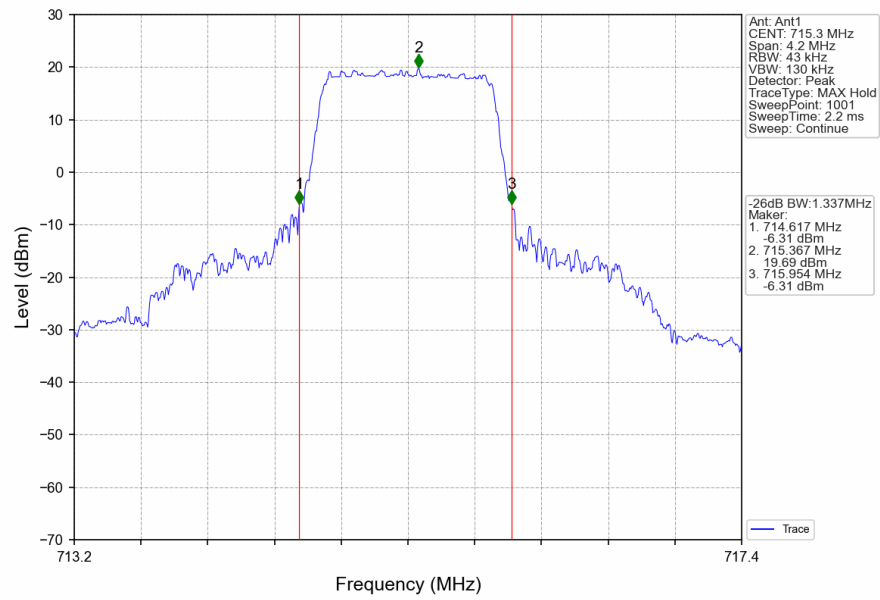
1.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.295	Pass
		707.5	6	0	1.353	Pass
		715.3	6	0	1.337	Pass
	16QAM	699.7	6	0	1.297	Pass
		707.5	6	0	1.365	Pass
		715.3	6	0	1.345	Pass
3	QPSK	700.5	15	0	3.110	Pass
		707.5	15	0	3.121	Pass
		714.5	15	0	3.156	Pass
	16QAM	700.5	15	0	3.148	Pass
		707.5	15	0	3.119	Pass
		714.5	15	0	3.174	Pass
5	QPSK	701.5	25	0	5.482	Pass
		707.5	25	0	5.986	Pass
		713.5	25	0	5.238	Pass
	16QAM	701.5	25	0	5.557	Pass
		707.5	25	0	5.783	Pass
		713.5	25	0	5.462	Pass
10	QPSK	704	50	0	10.281	Pass
		707.5	50	0	10.659	Pass
		711	50	0	10.429	Pass
	16QAM	704	50	0	10.395	Pass
		707.5	50	0	10.573	Pass
		711	50	0	10.222	Pass

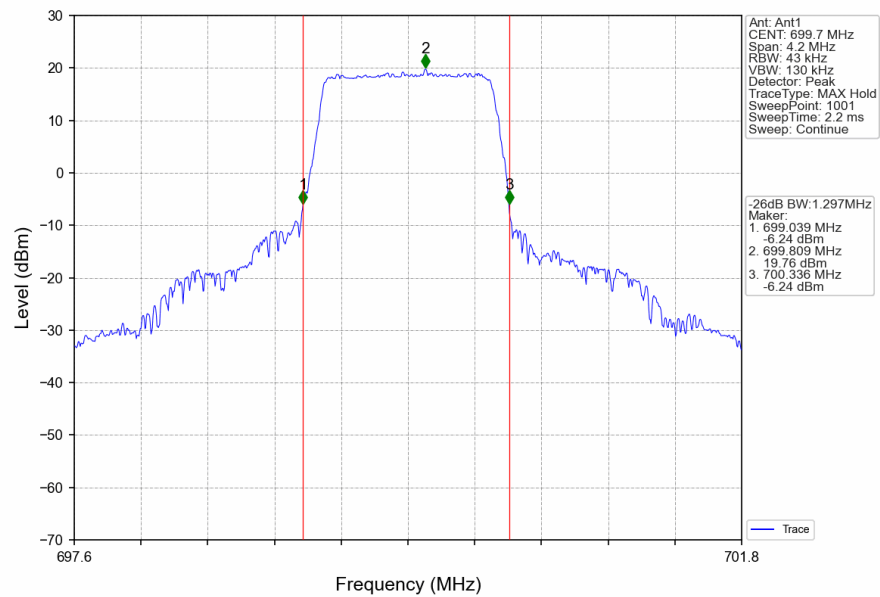
1.2.2 Test Graph



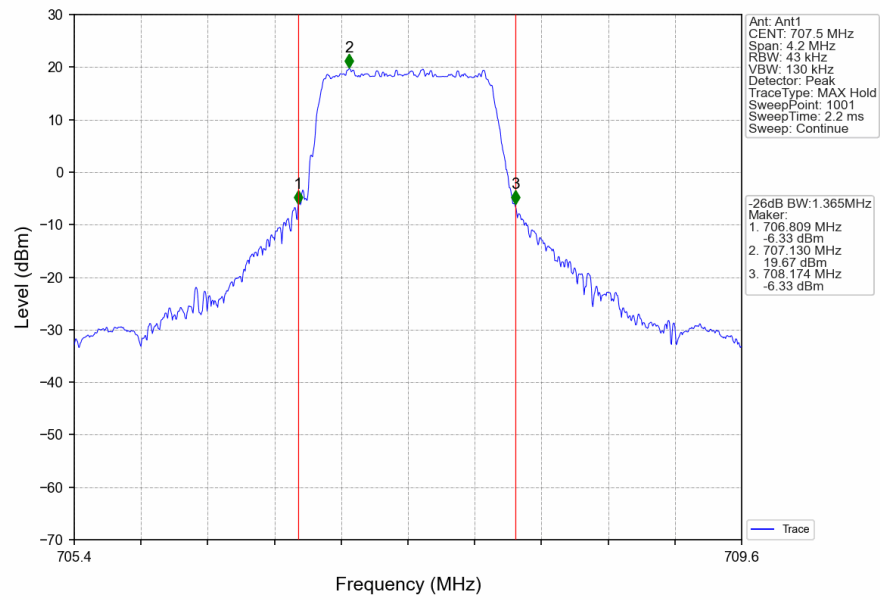
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



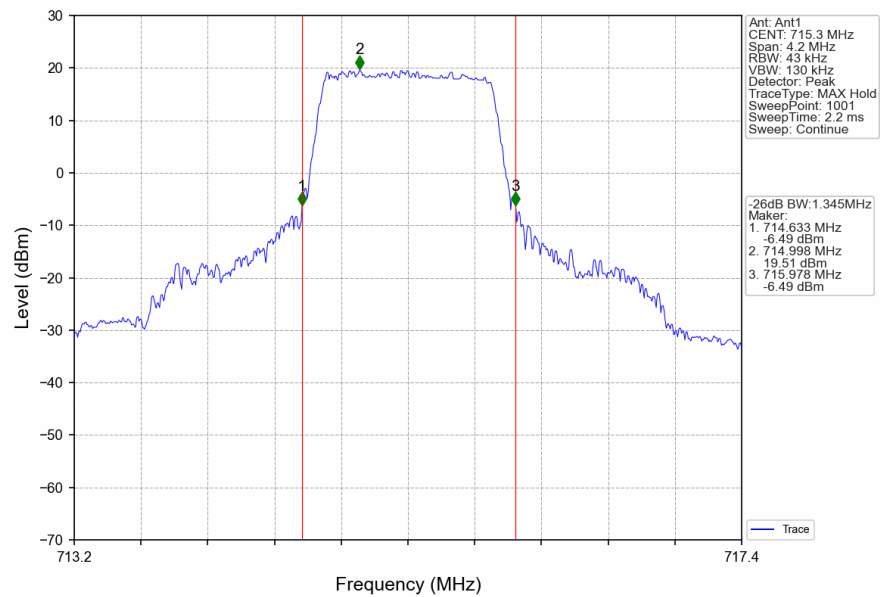
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



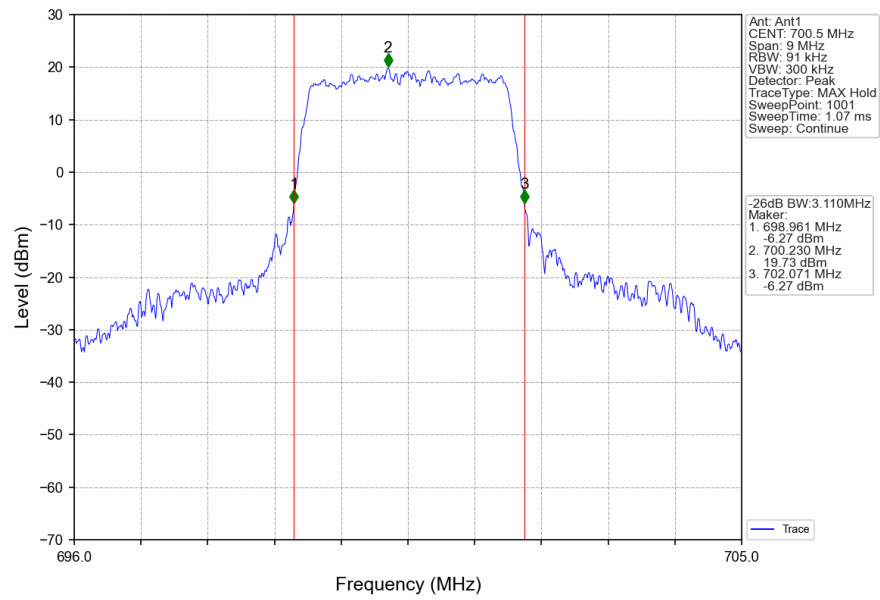
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



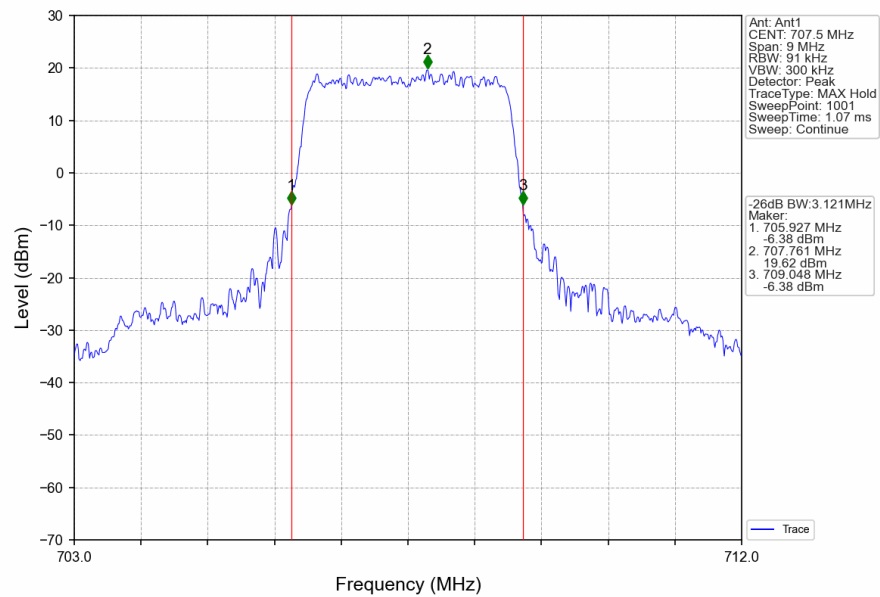
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



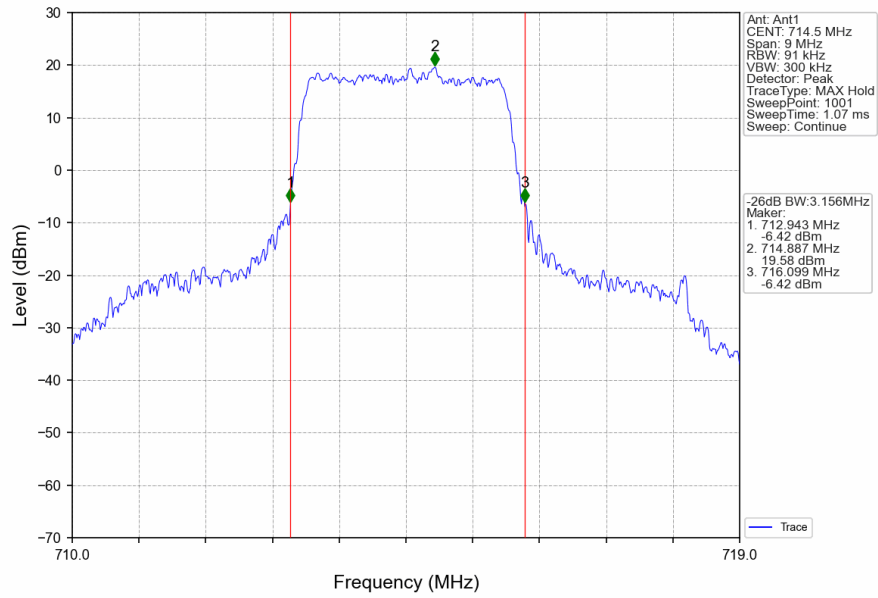
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



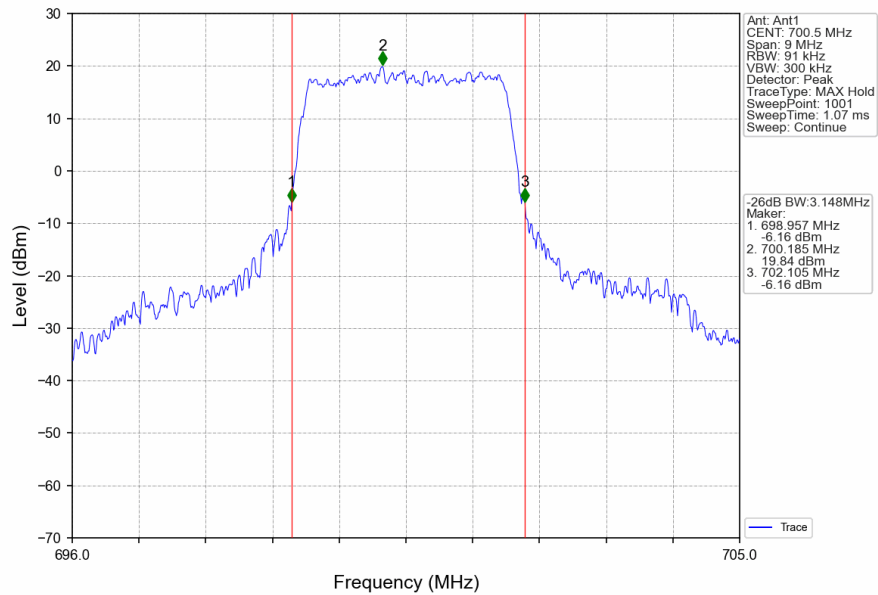
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



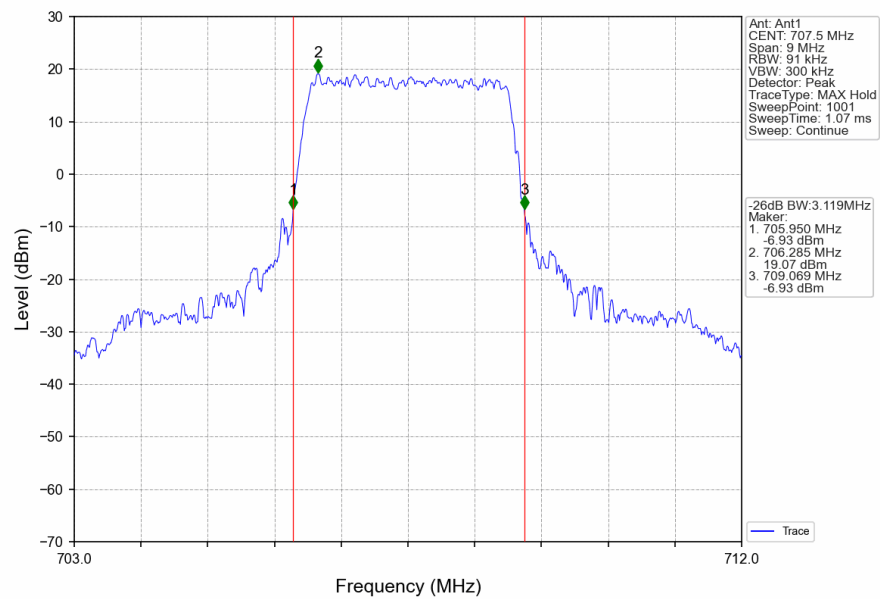
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



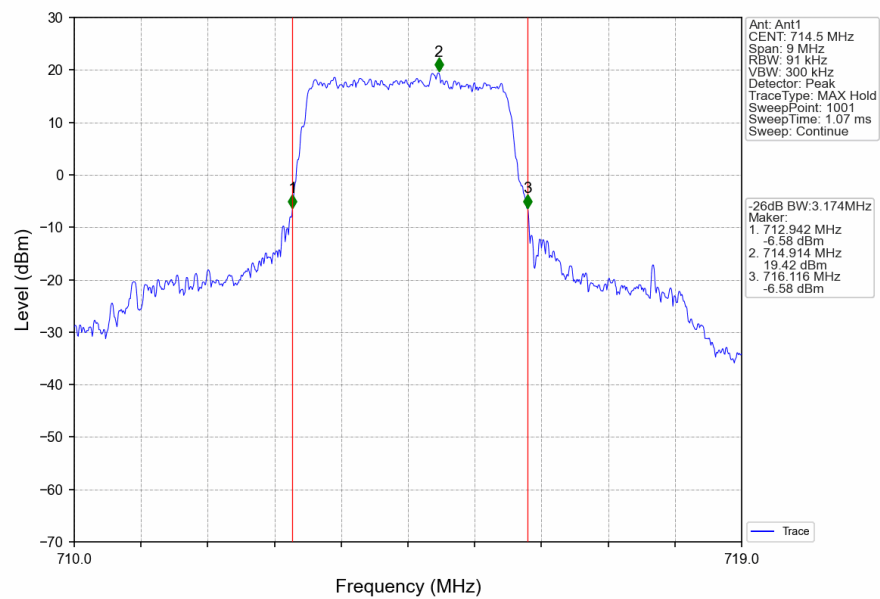
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



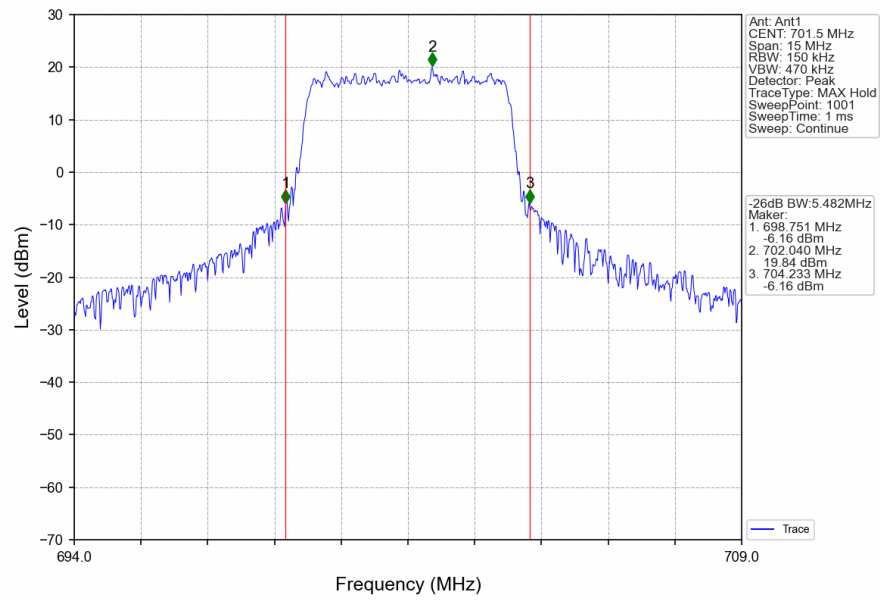
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



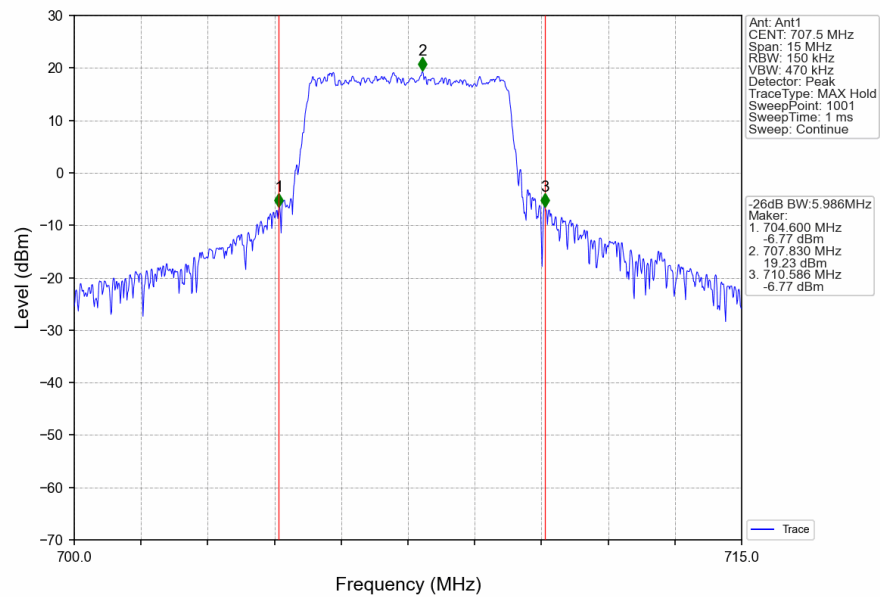
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



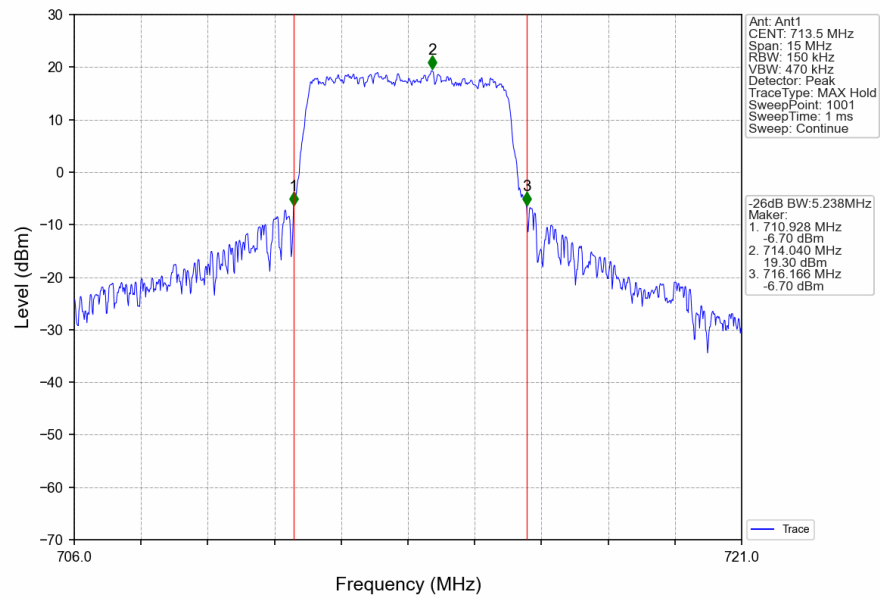
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



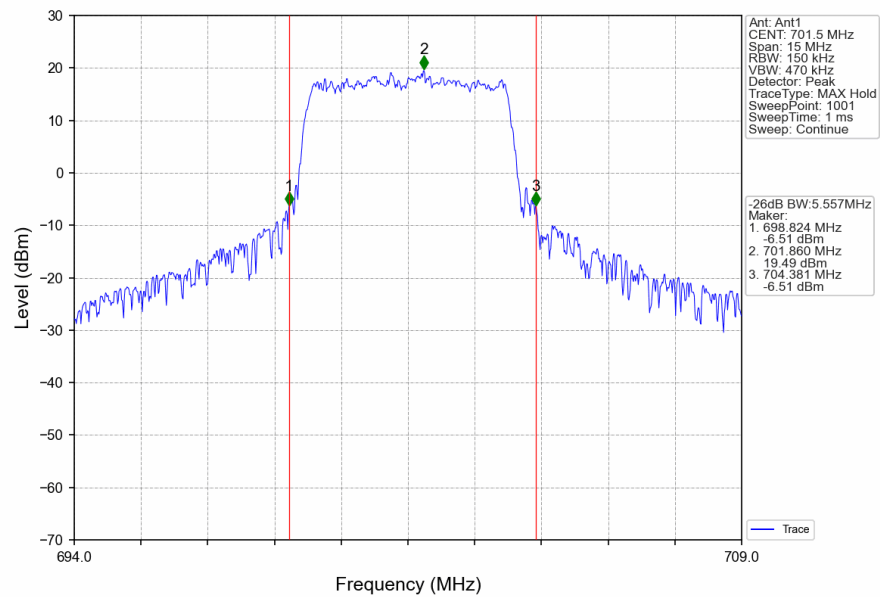
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



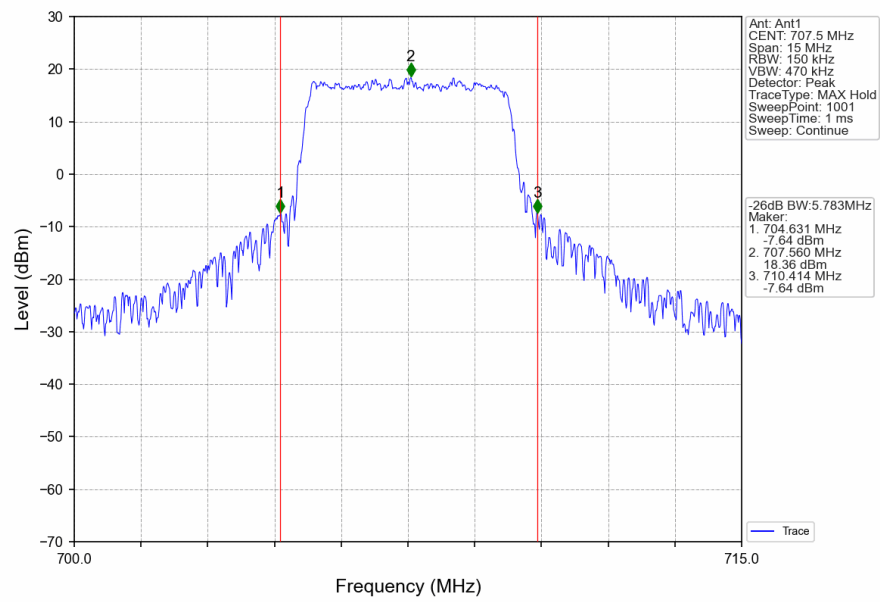
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



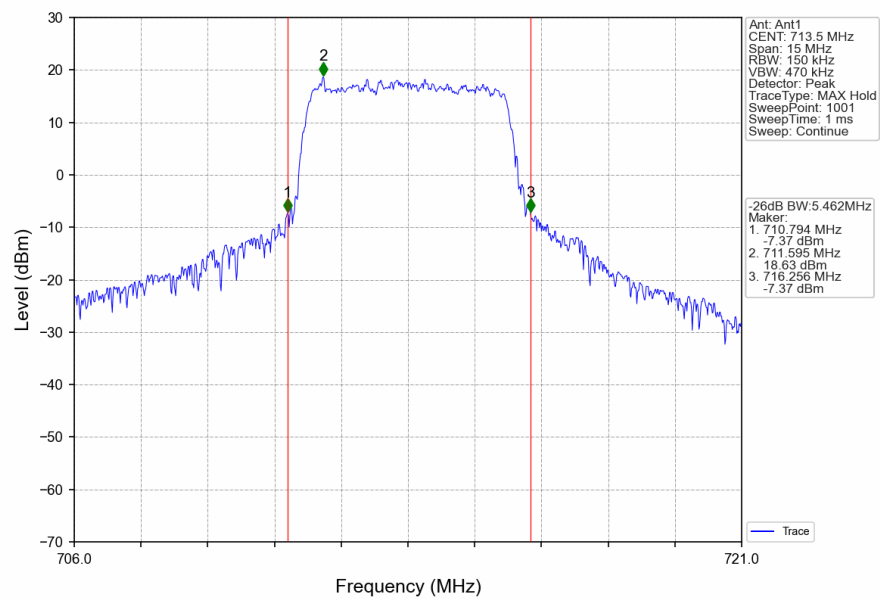
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



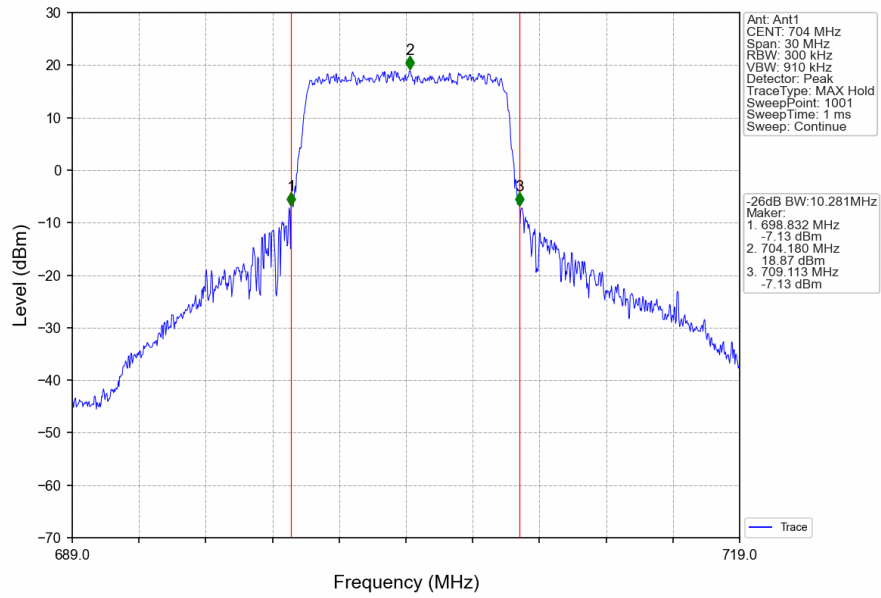
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



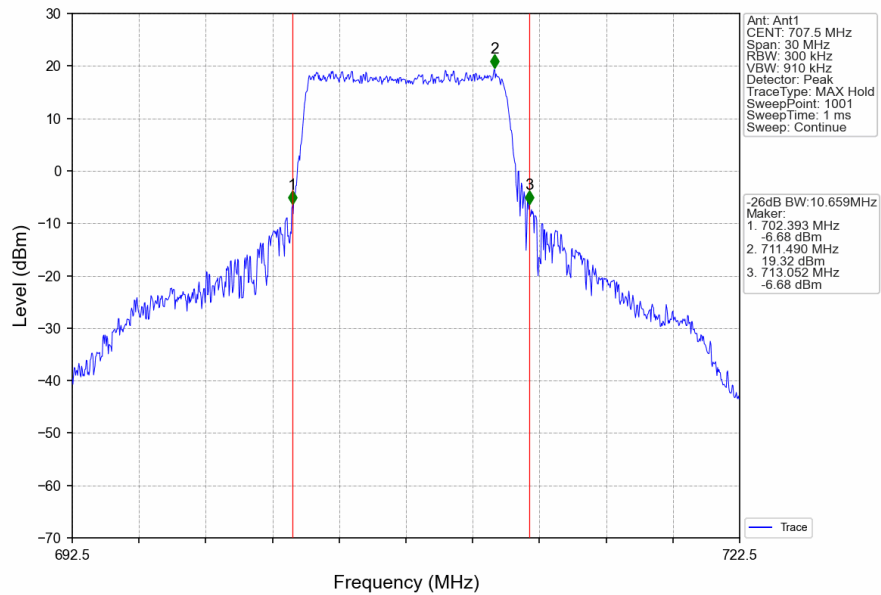
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



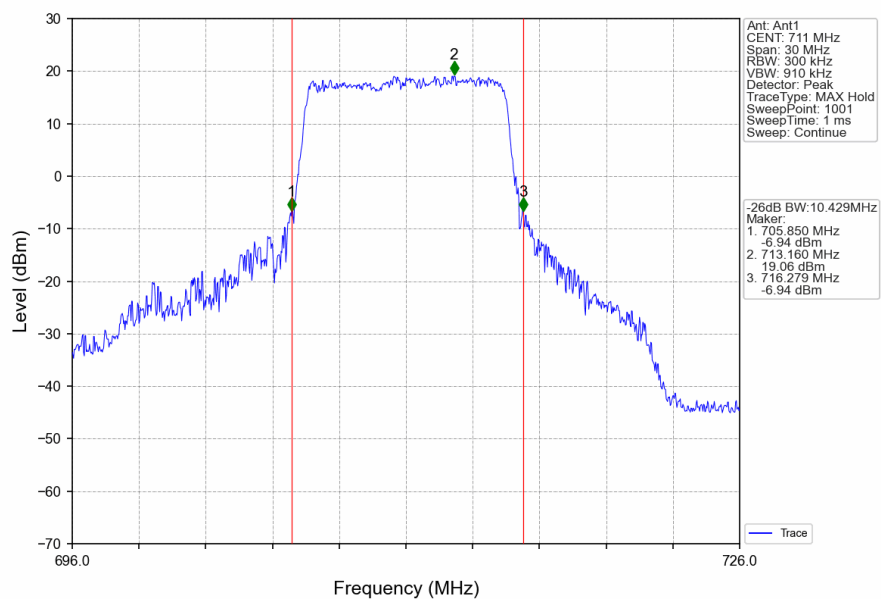
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



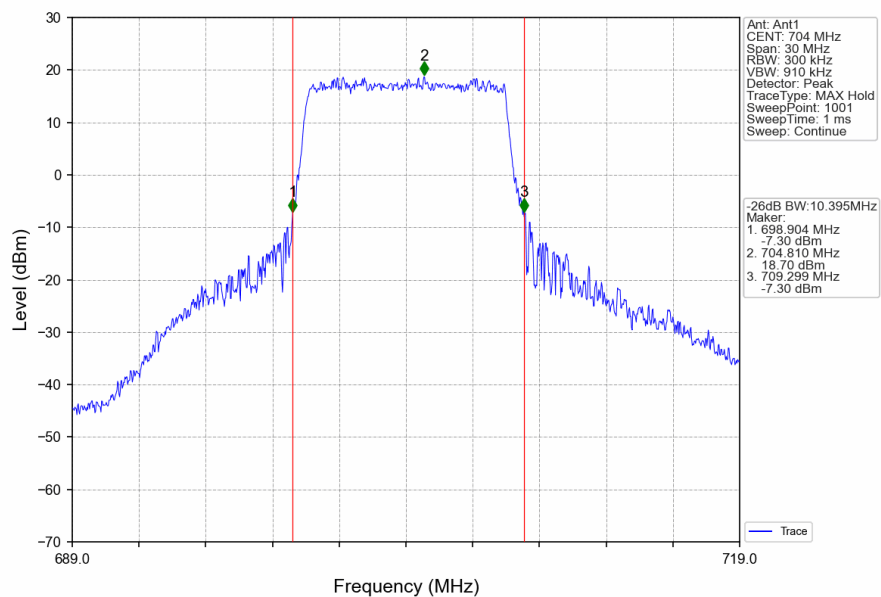
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



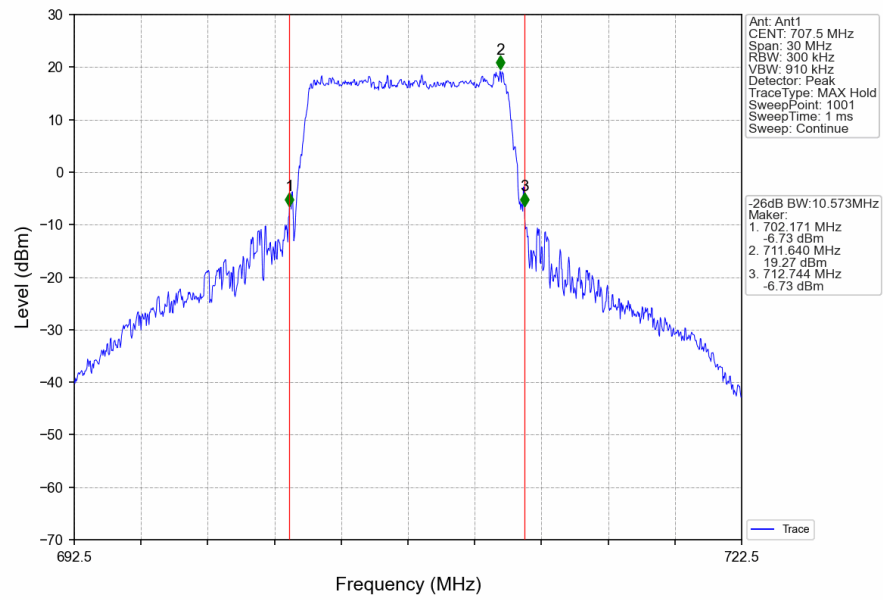
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



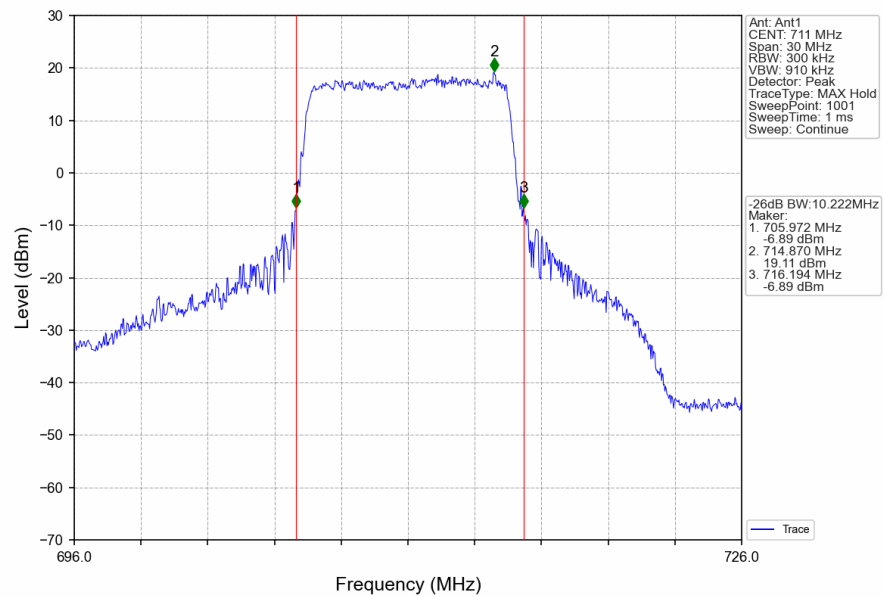
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



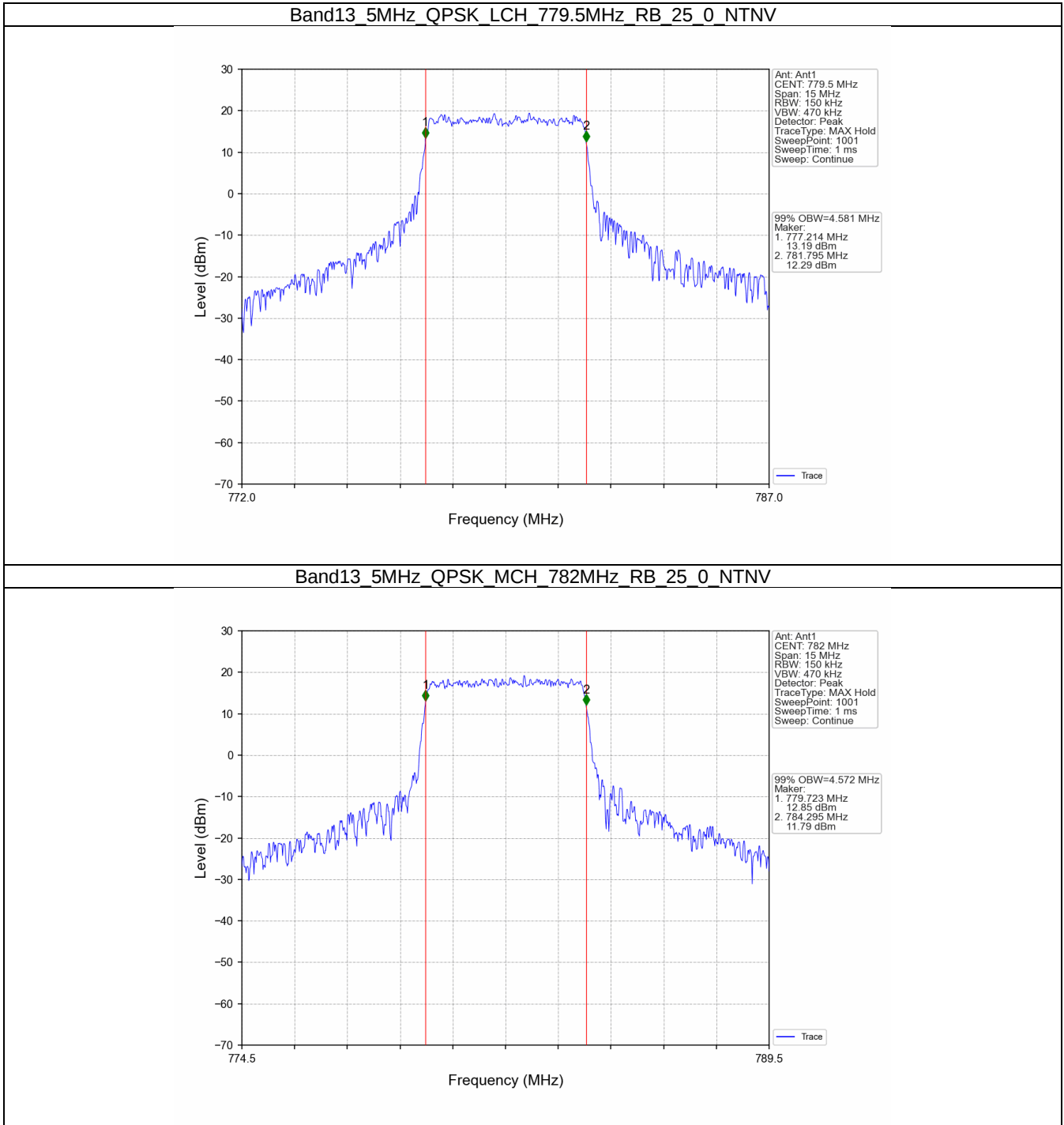
2. 99% & 26dB Bandwidth

2.1 Band13_OBW

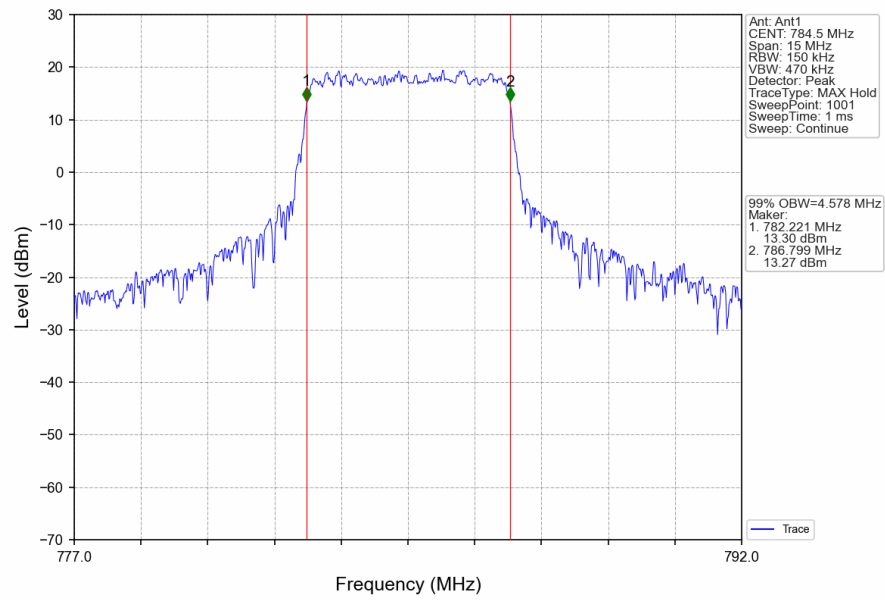
2.1.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.581	Pass
		782	25	0	4.572	Pass
		784.5	25	0	4.578	Pass
	16QAM	779.5	25	0	4.585	Pass
		782	25	0	4.620	Pass
		784.5	25	0	4.598	Pass
10	QPSK	782	50	0	9.088	Pass
	16QAM	782	50	0	9.082	Pass

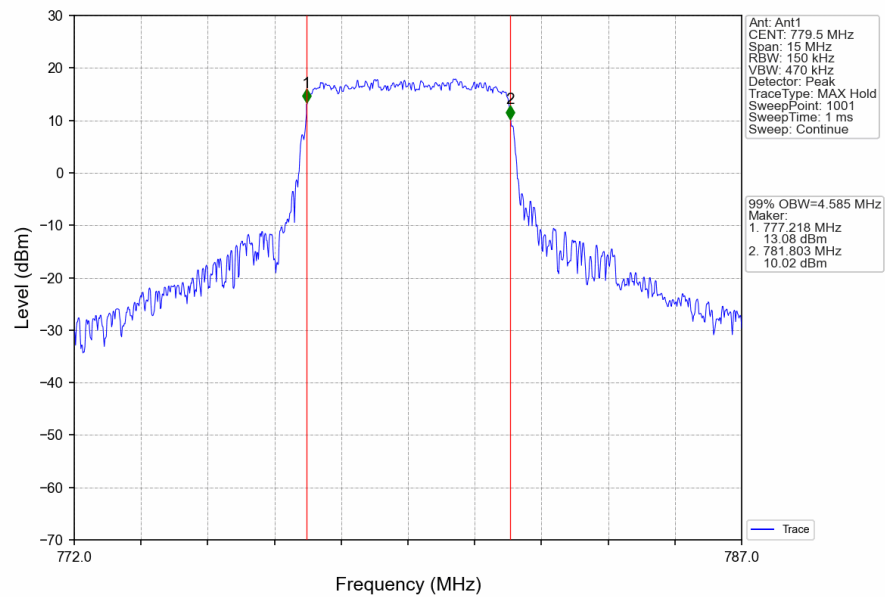
2.1.2 Test Graph



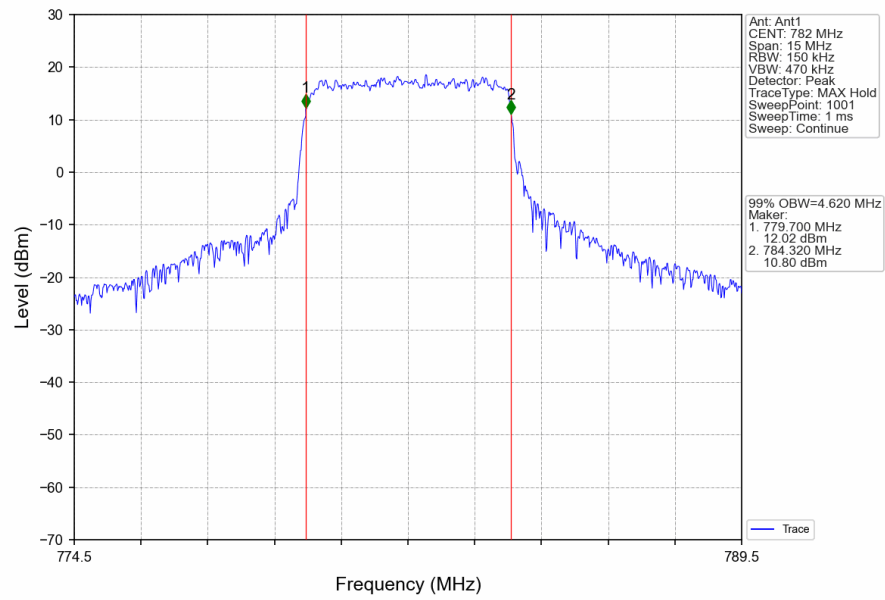
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



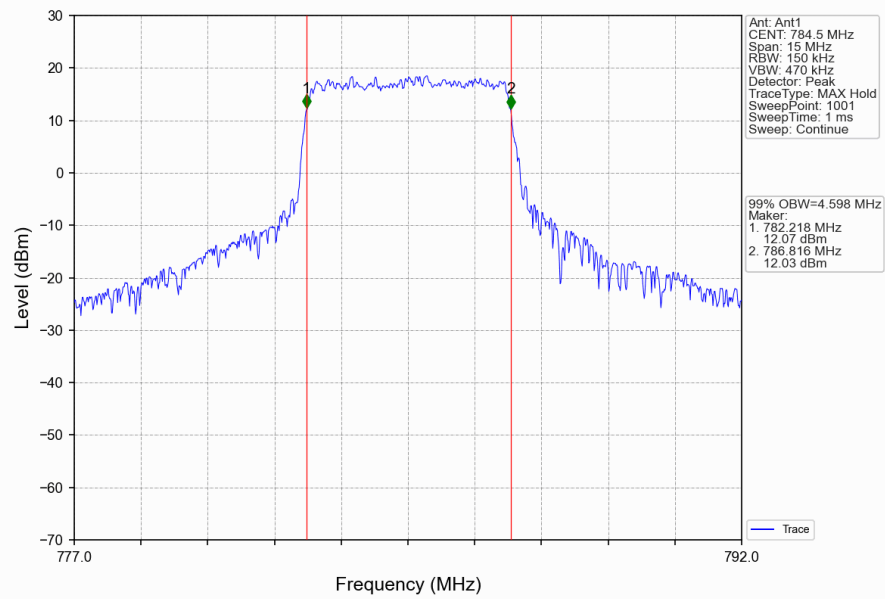
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



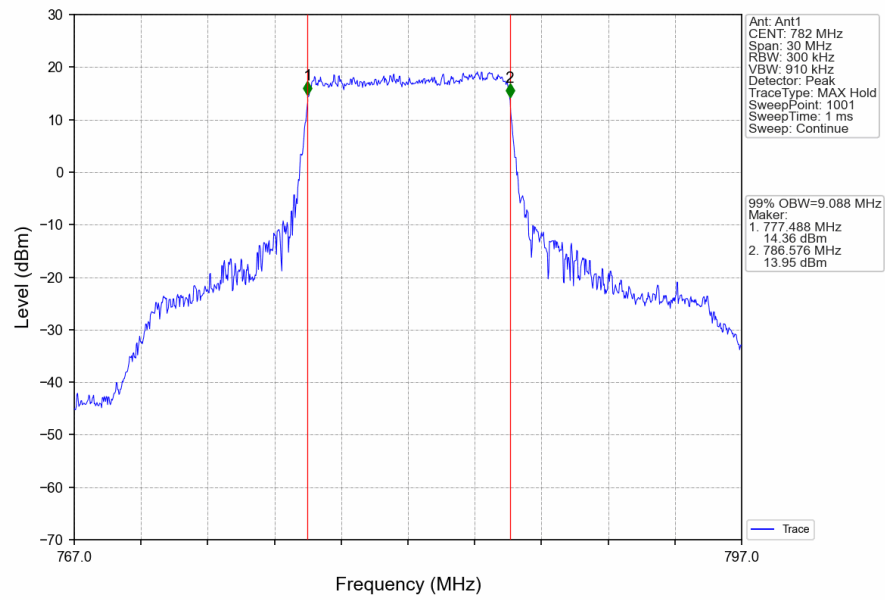
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



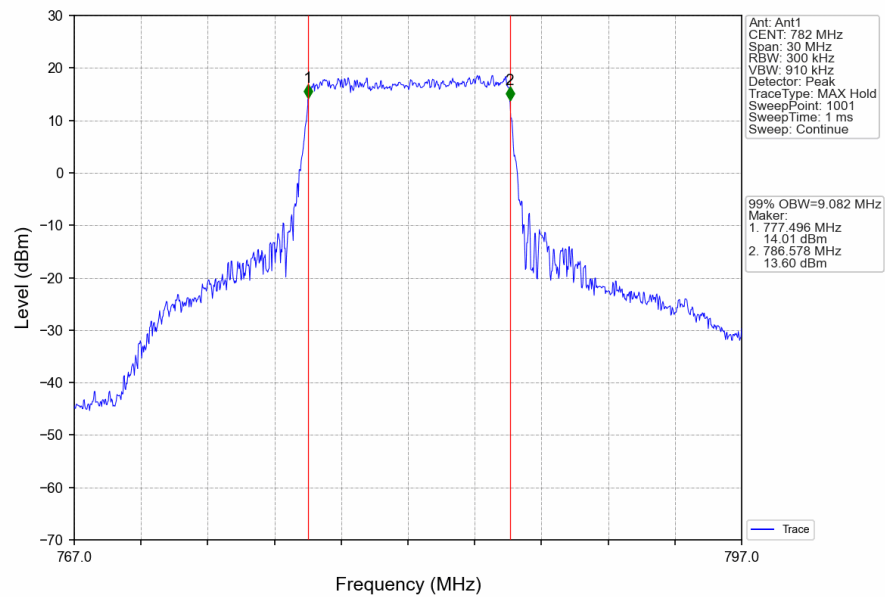
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

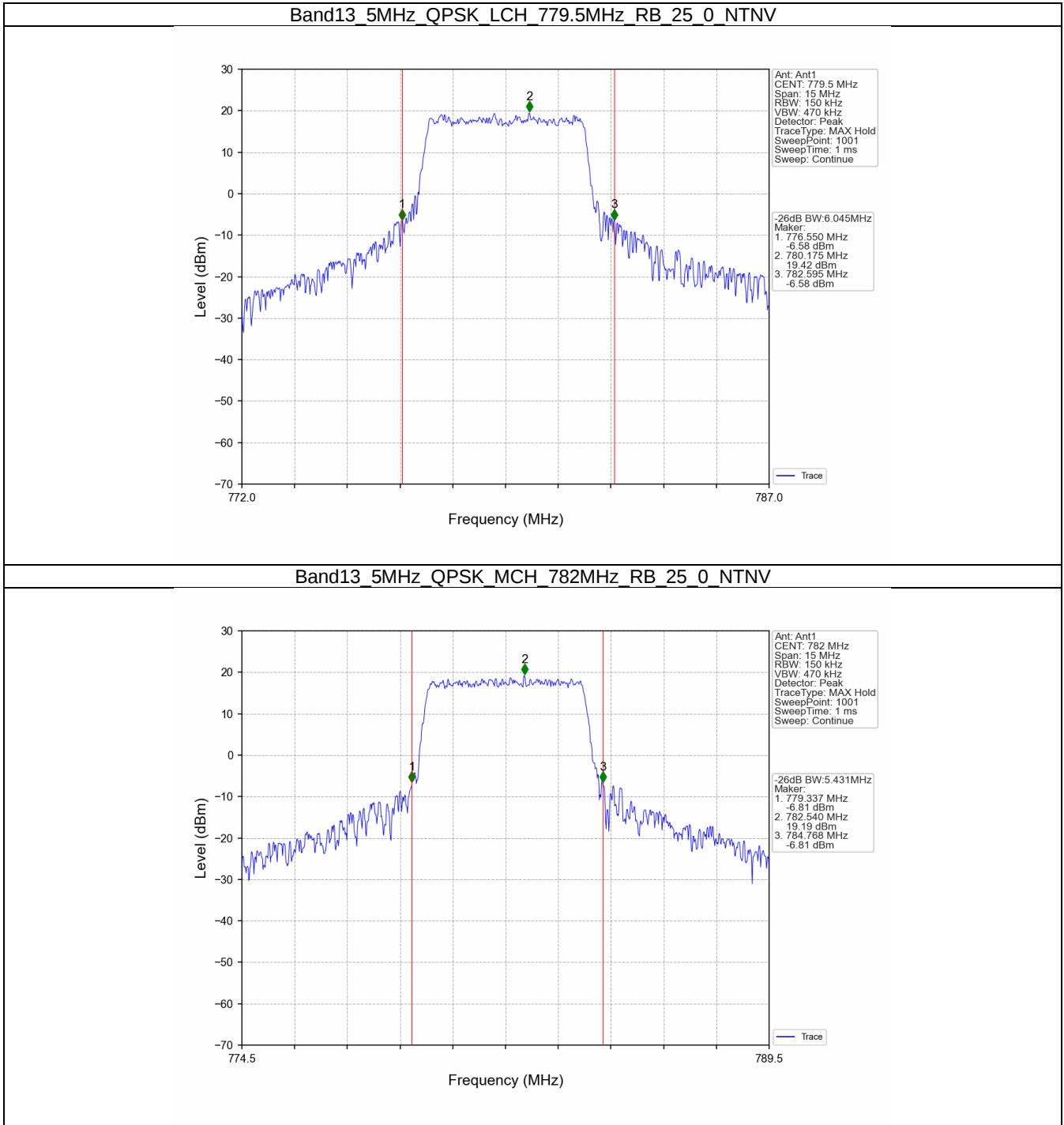


2.2 Band13_XDB

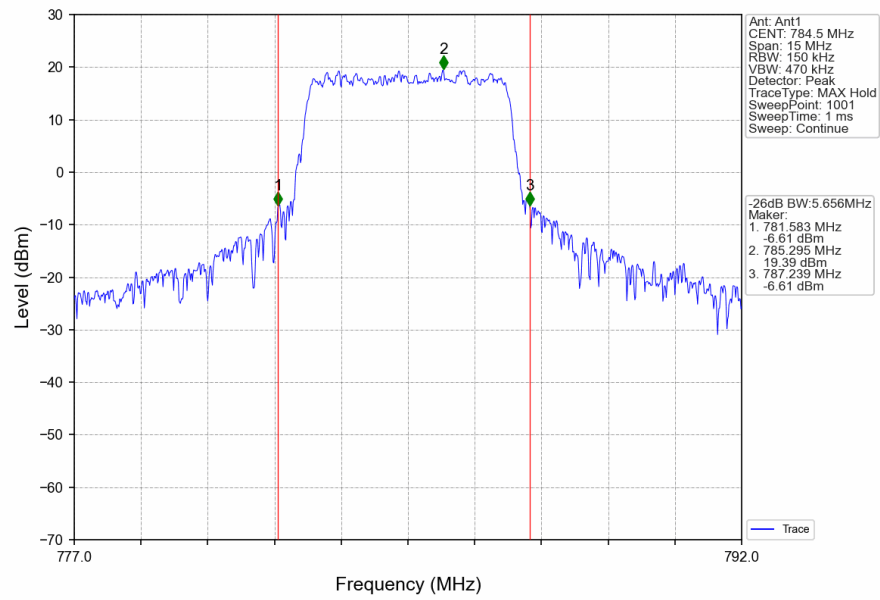
2.2.1 Test Result

Band: 13 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	6.045	Pass
		782	25	0	5.431	Pass
		784.5	25	0	5.656	Pass
	16QAM	779.5	25	0	5.525	Pass
		782	25	0	5.838	Pass
		784.5	25	0	5.729	Pass
10	QPSK	782	50	0	10.394	Pass
	16QAM	782	50	0	10.280	Pass

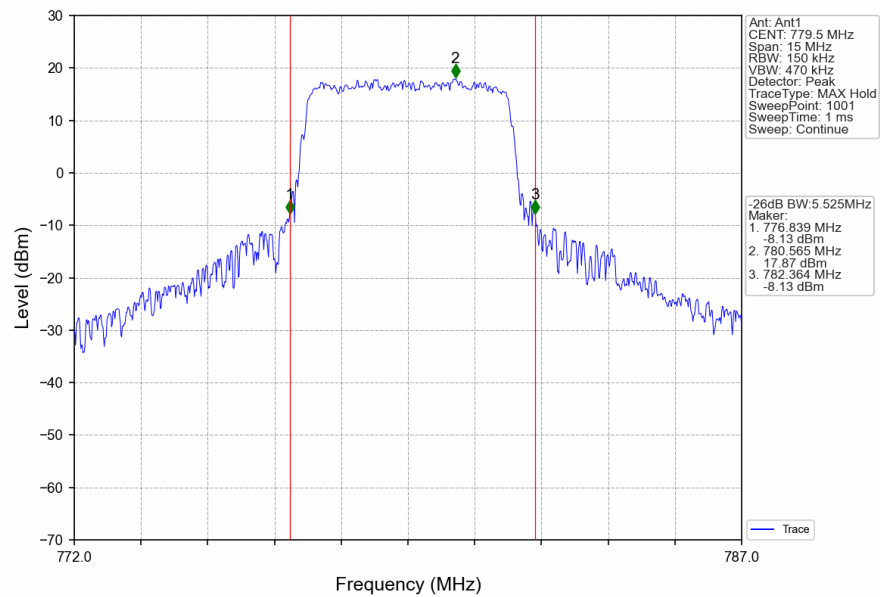
2.2.2 Test Graph



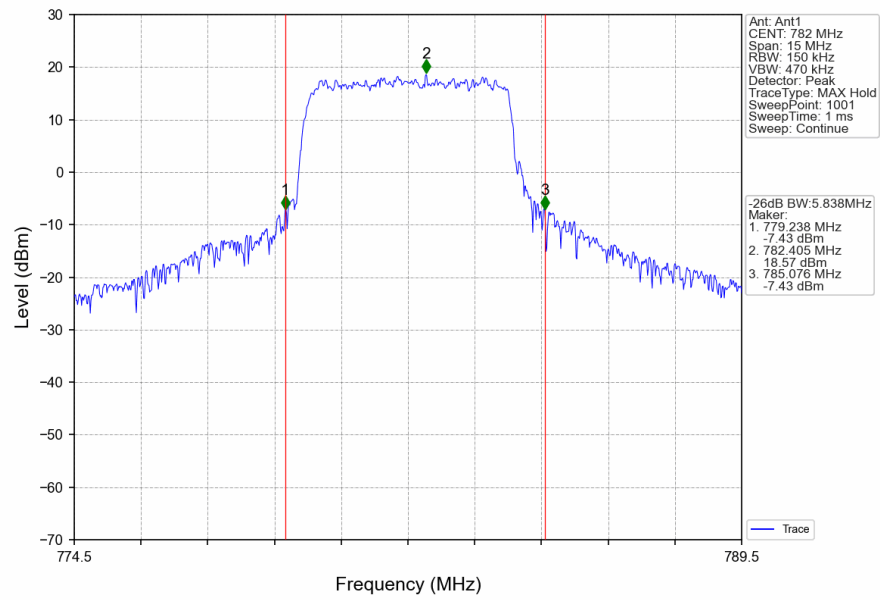
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



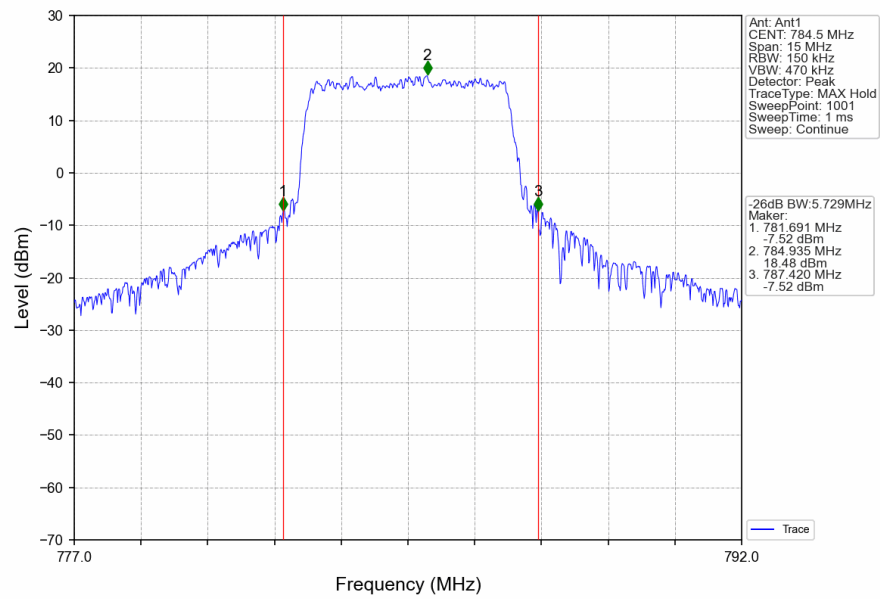
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



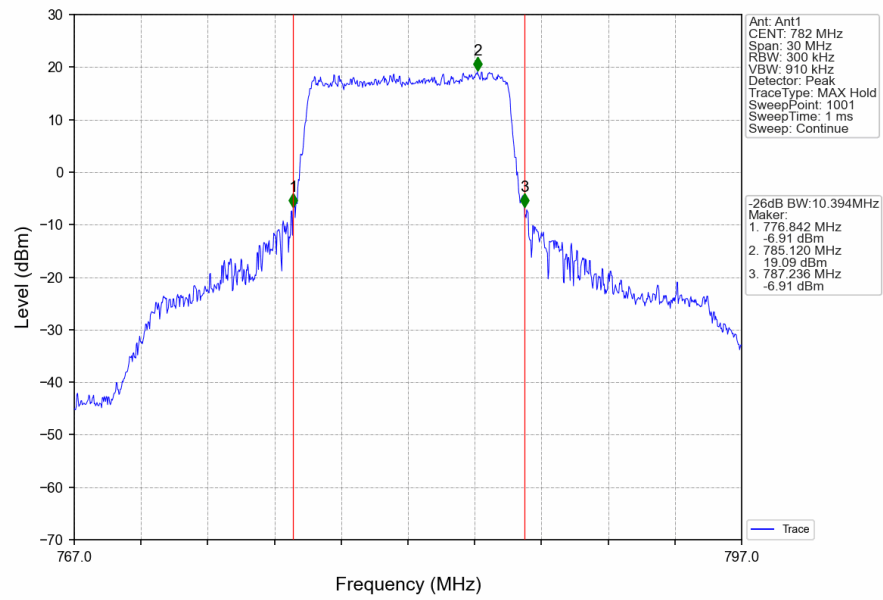
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



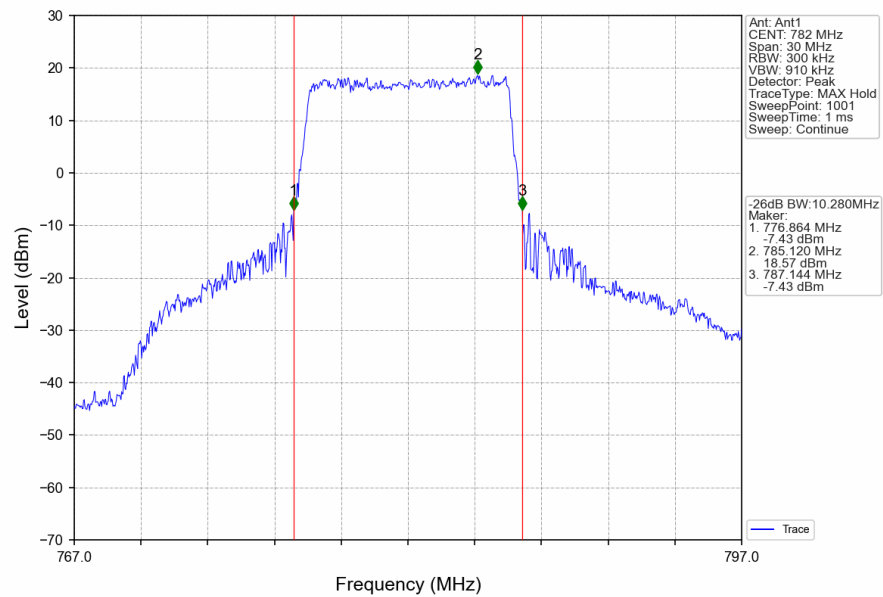
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



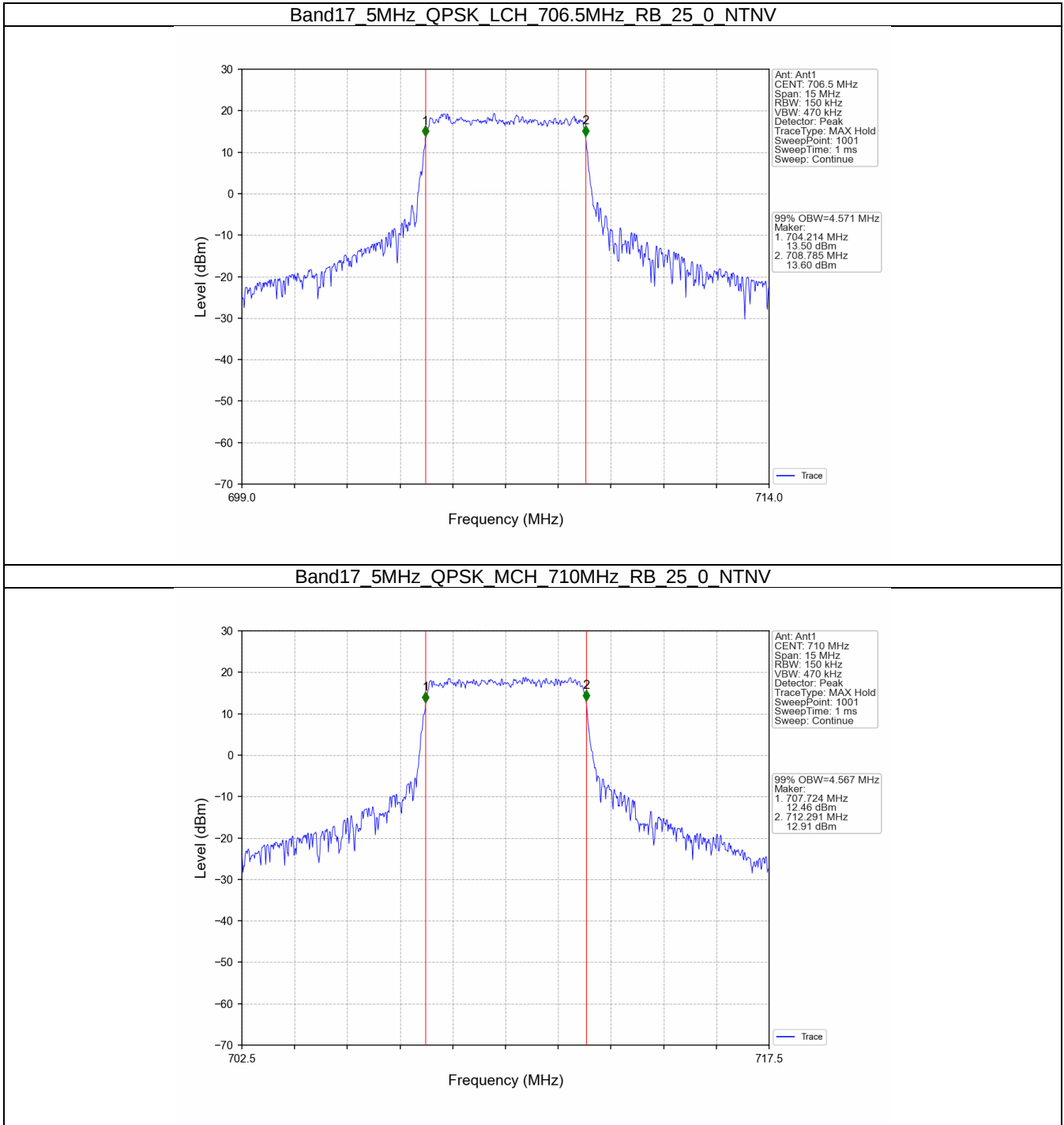
3. 99% & 26dB Bandwidth

3.1 Band17_OBW

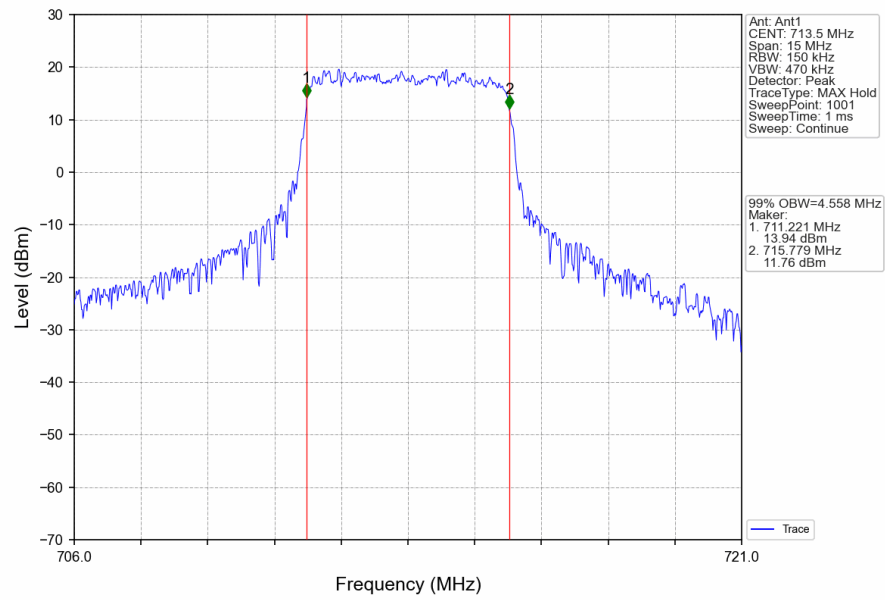
3.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.571	Pass
		710	25	0	4.567	Pass
		713.5	25	0	4.558	Pass
	16QAM	706.5	25	0	4.583	Pass
		710	25	0	4.615	Pass
		713.5	25	0	4.589	Pass
10	QPSK	709	50	0	9.105	Pass
		710	50	0	9.082	Pass
		711	50	0	9.056	Pass
	16QAM	709	50	0	9.105	Pass
		710	50	0	9.064	Pass
		711	50	0	9.049	Pass

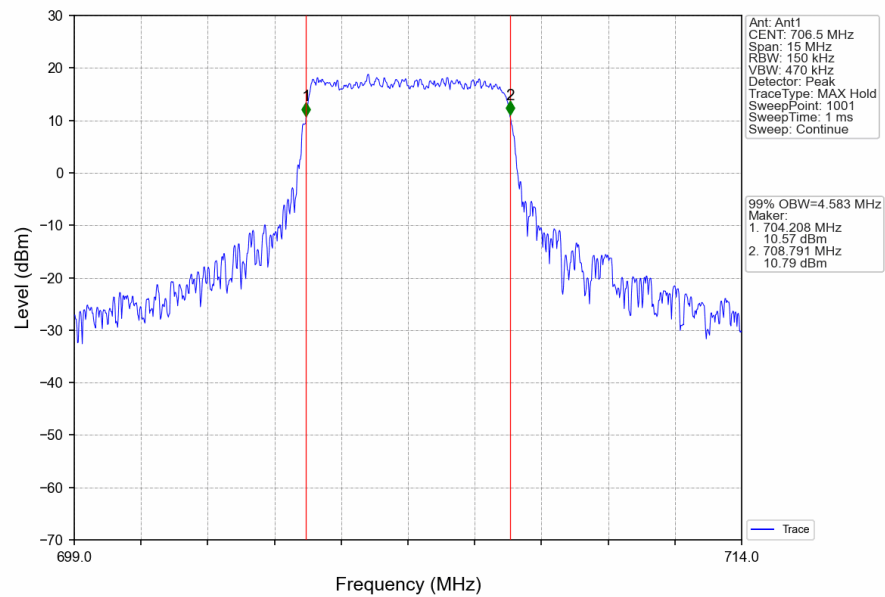
3.1.2 Test Graph



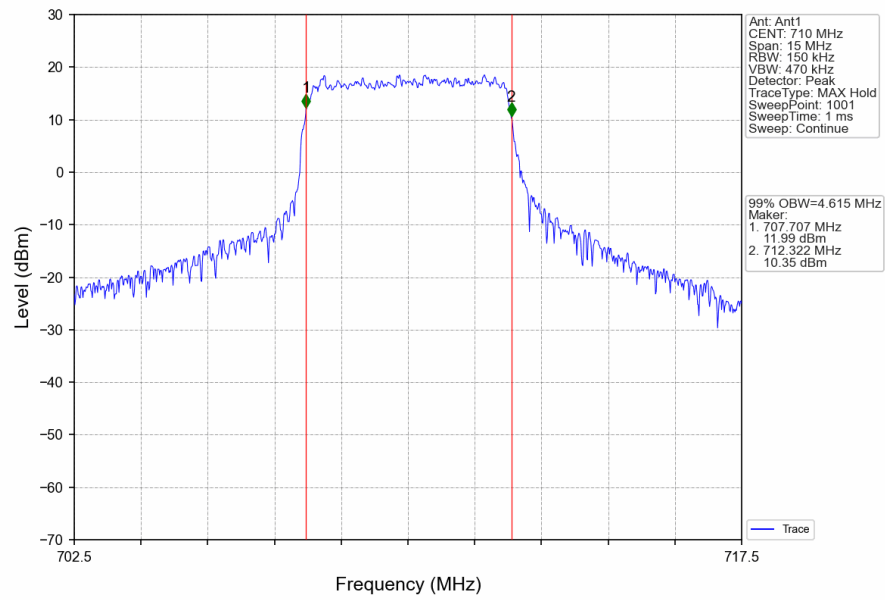
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



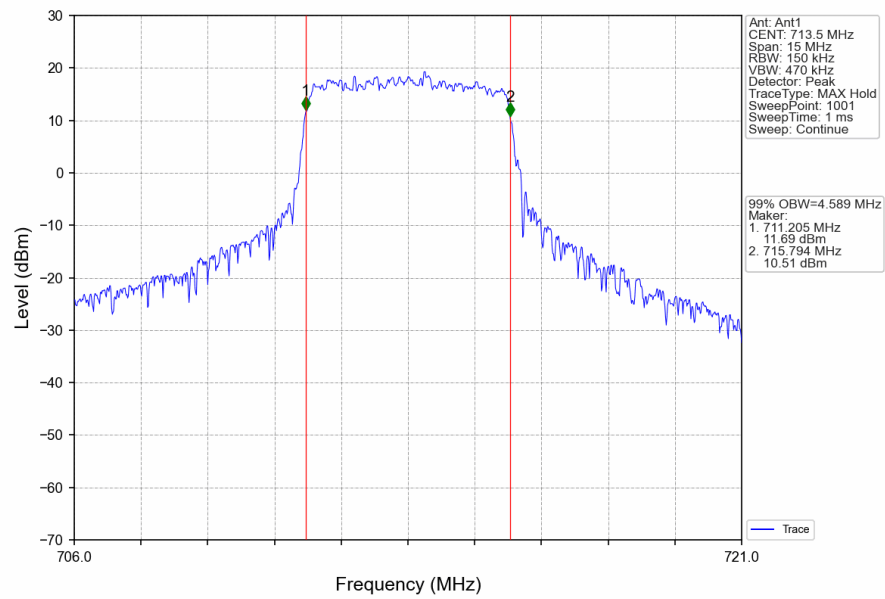
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



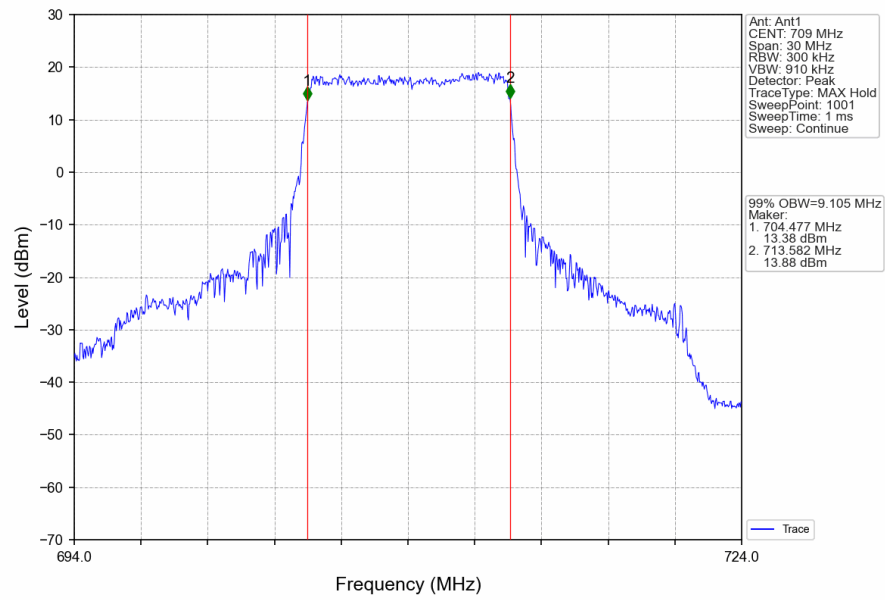
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



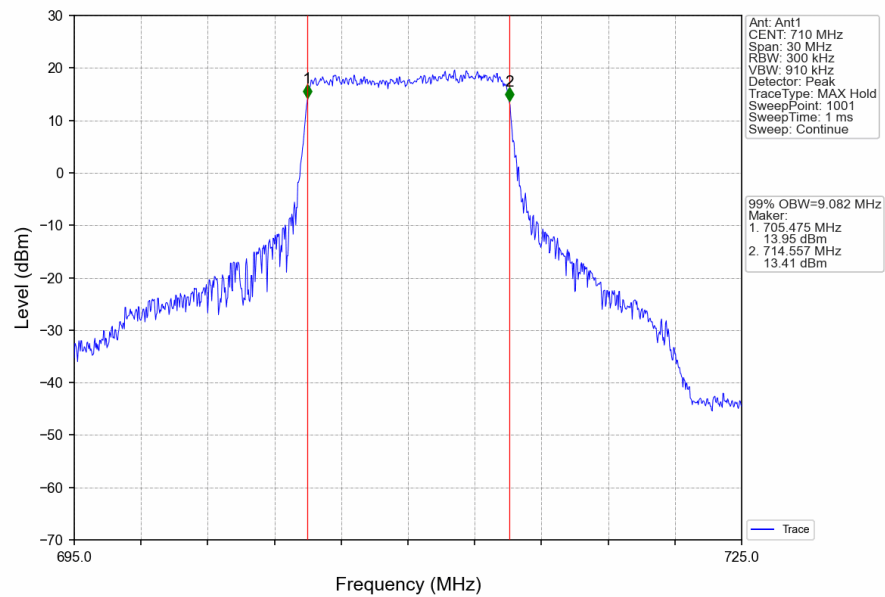
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



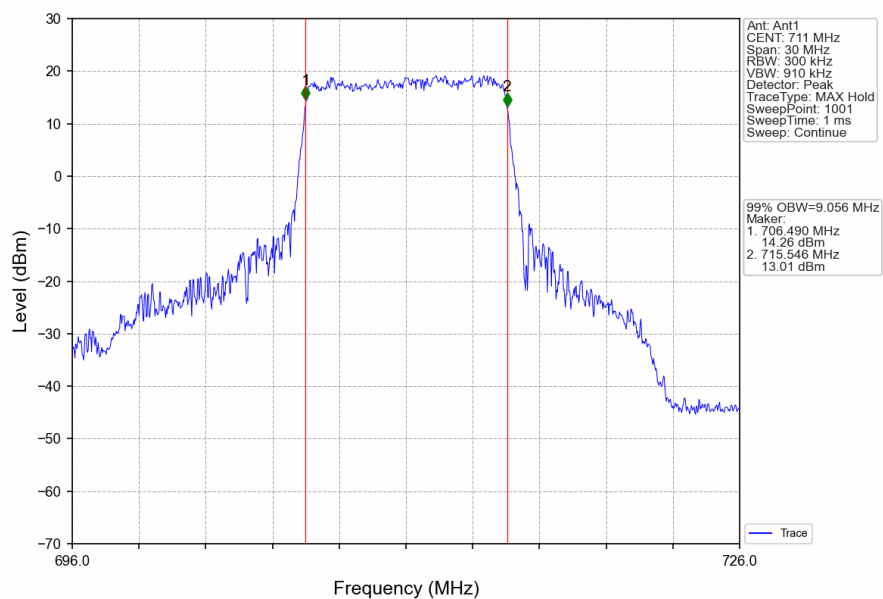
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



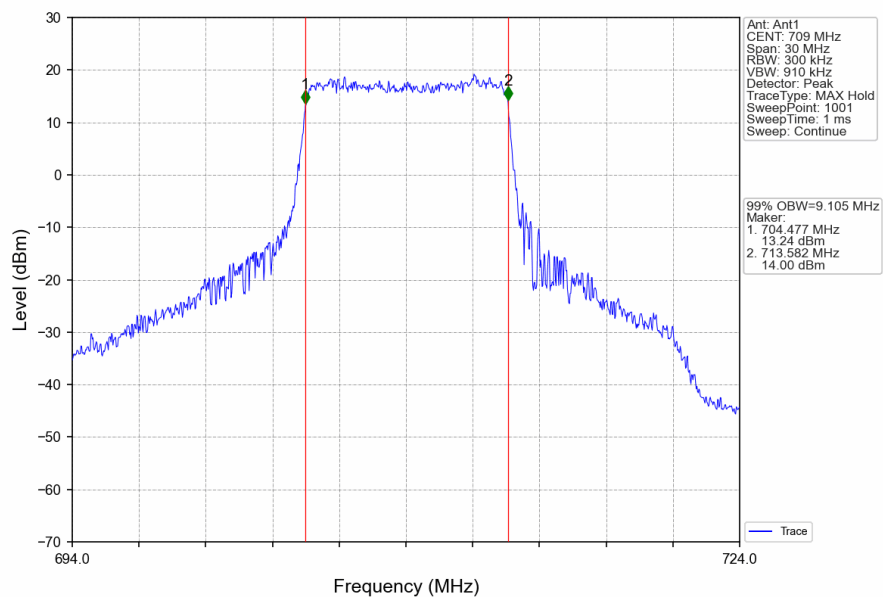
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



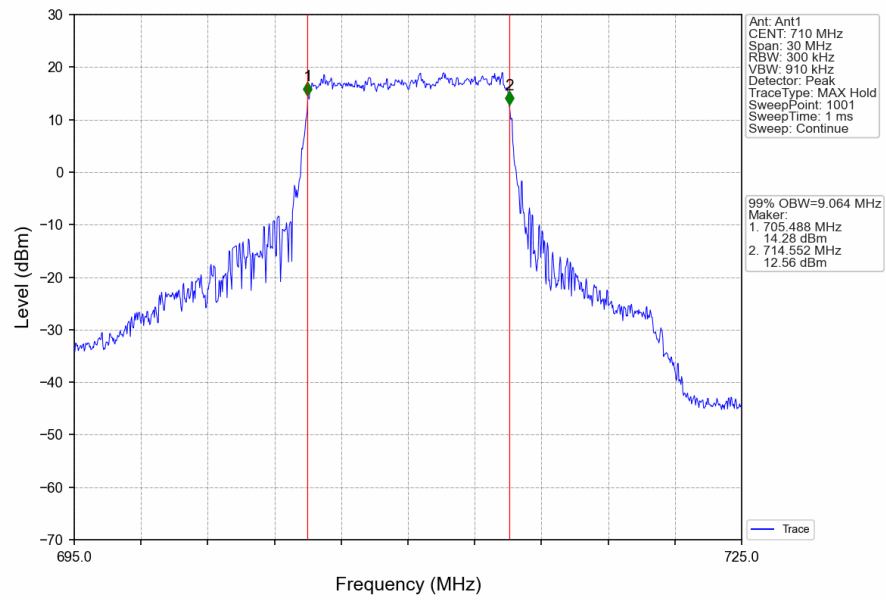
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



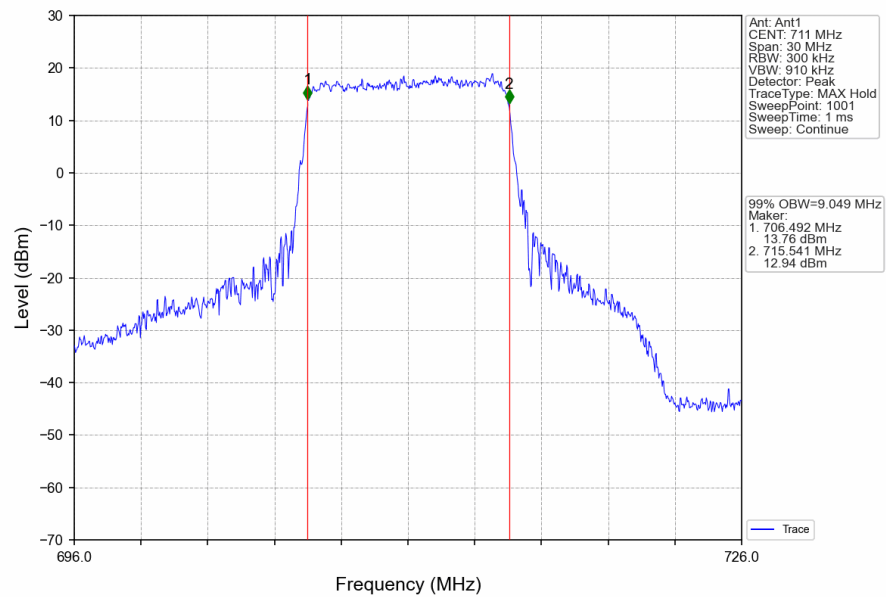
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

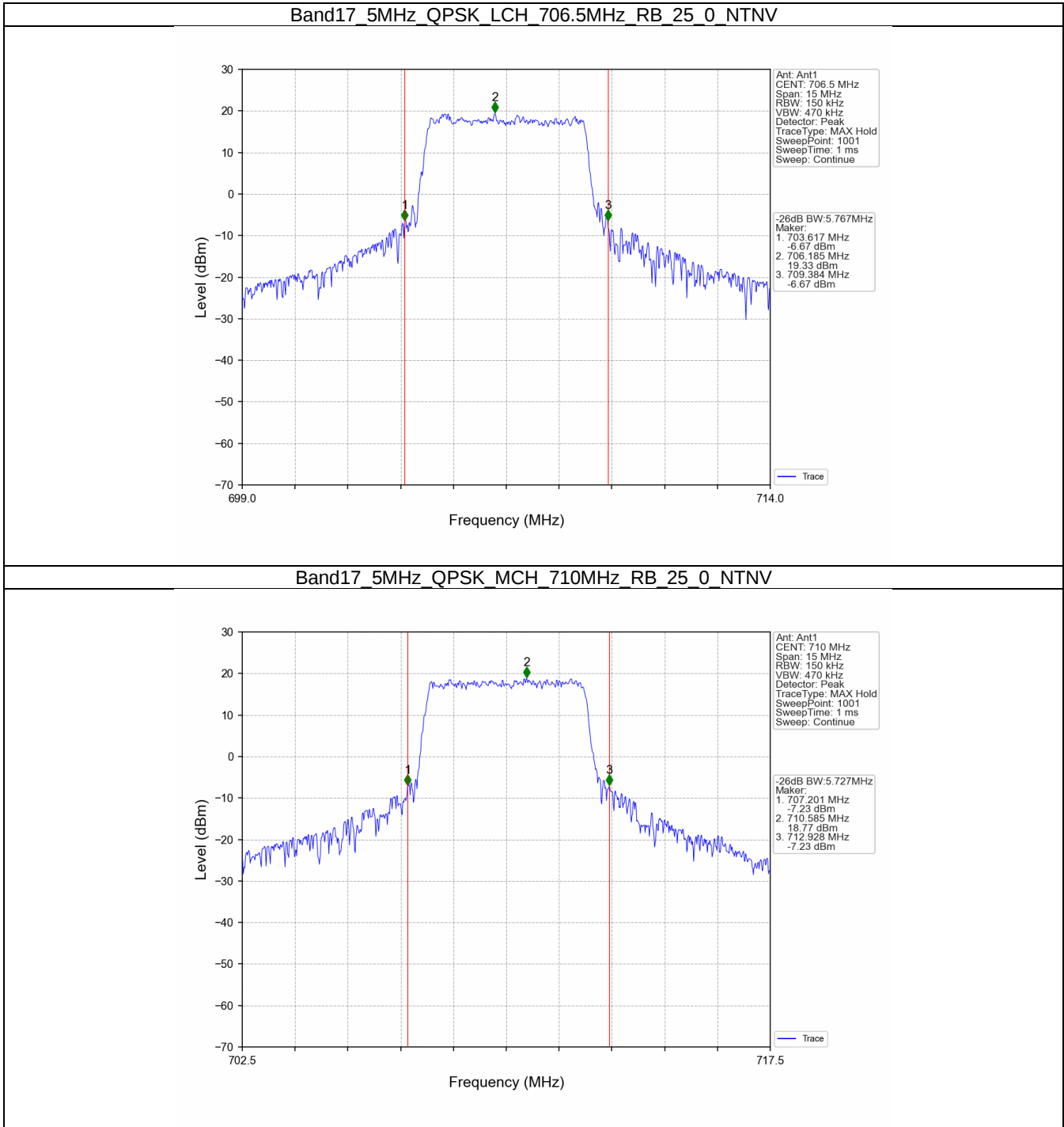


3.2 Band17_XDB

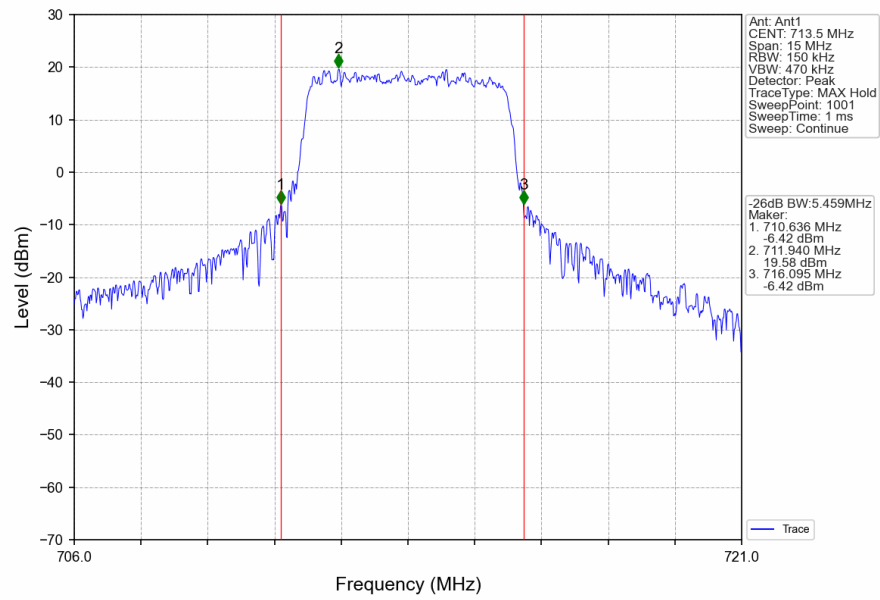
3.2.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.767	Pass
		710	25	0	5.727	Pass
		713.5	25	0	5.459	Pass
	16QAM	706.5	25	0	5.675	Pass
		710	25	0	5.828	Pass
		713.5	25	0	5.502	Pass
10	QPSK	709	50	0	10.485	Pass
		710	50	0	10.445	Pass
		711	50	0	10.227	Pass
	16QAM	709	50	0	10.363	Pass
		710	50	0	10.644	Pass
		711	50	0	10.290	Pass

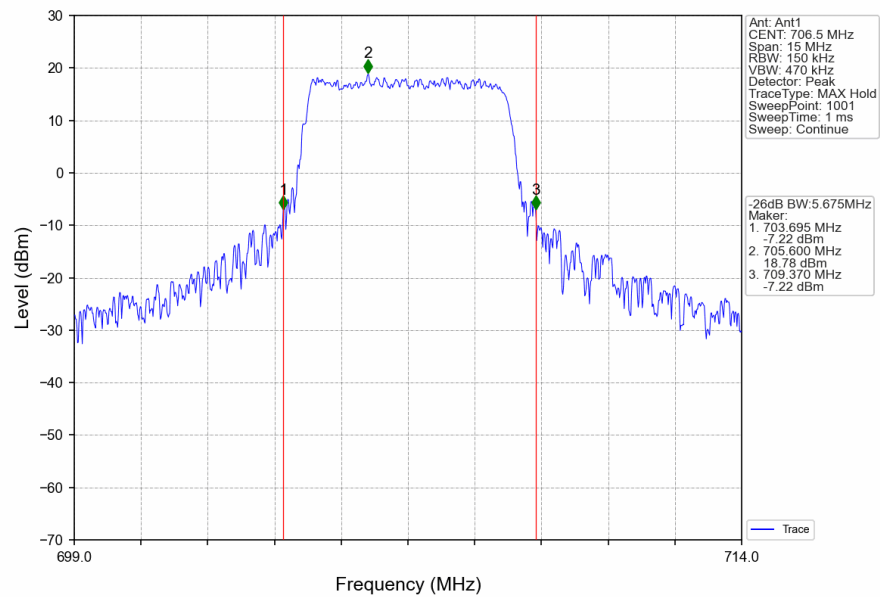
3.2.2 Test Graph



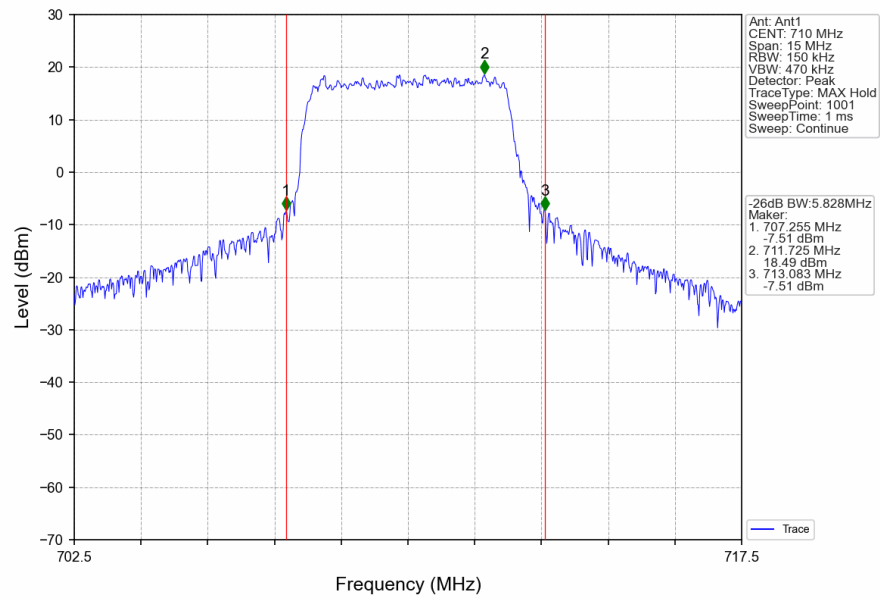
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



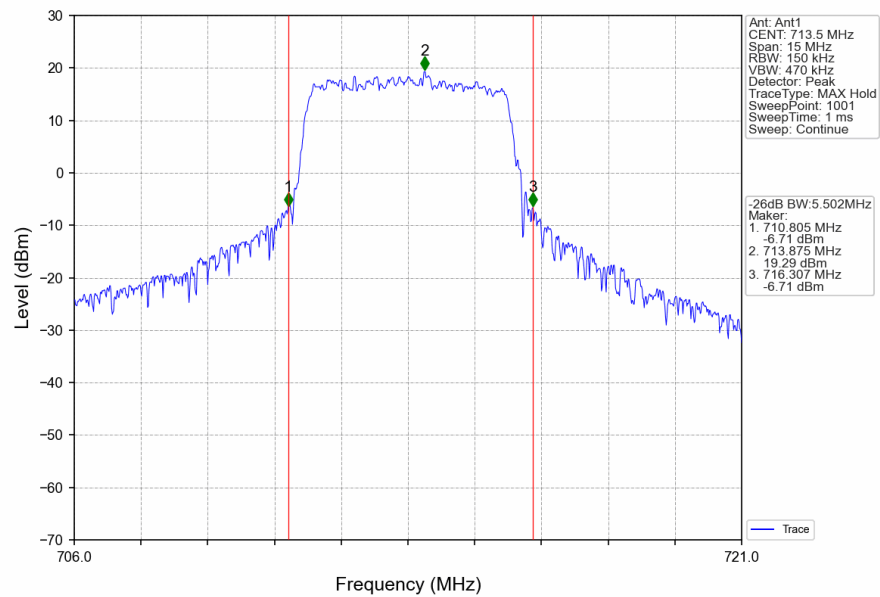
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



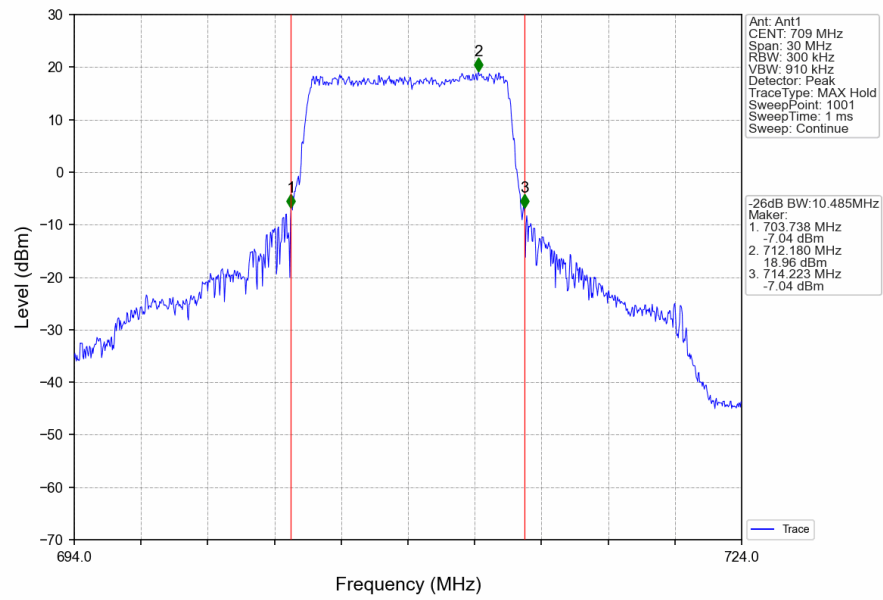
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



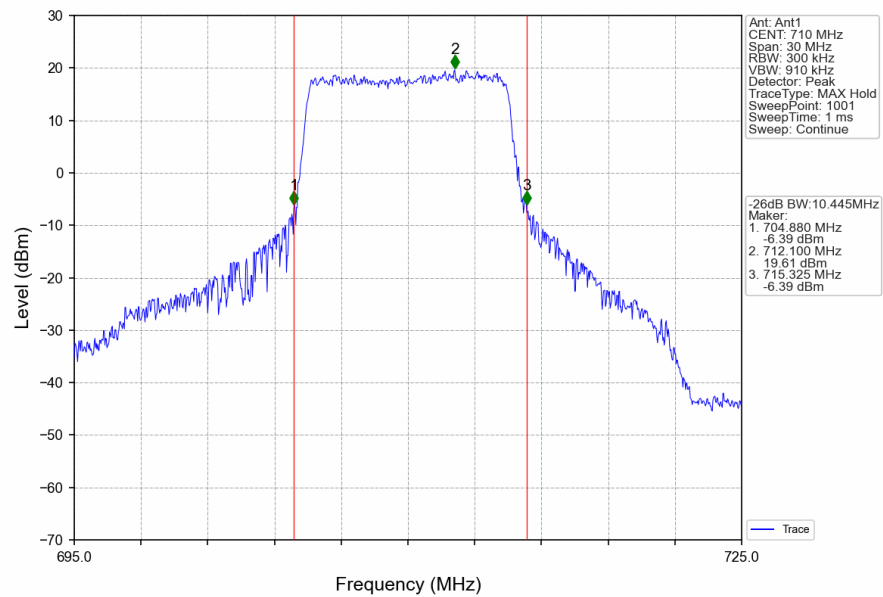
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



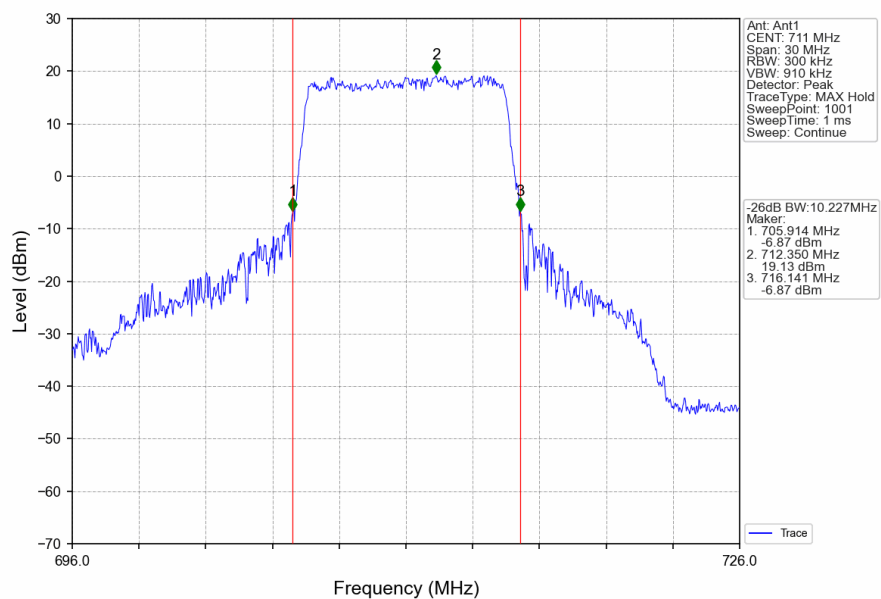
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



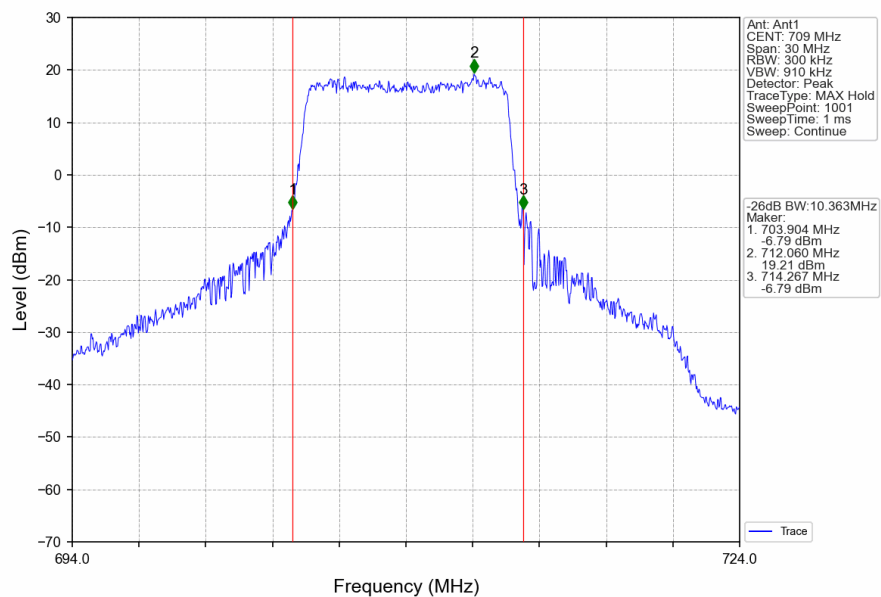
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



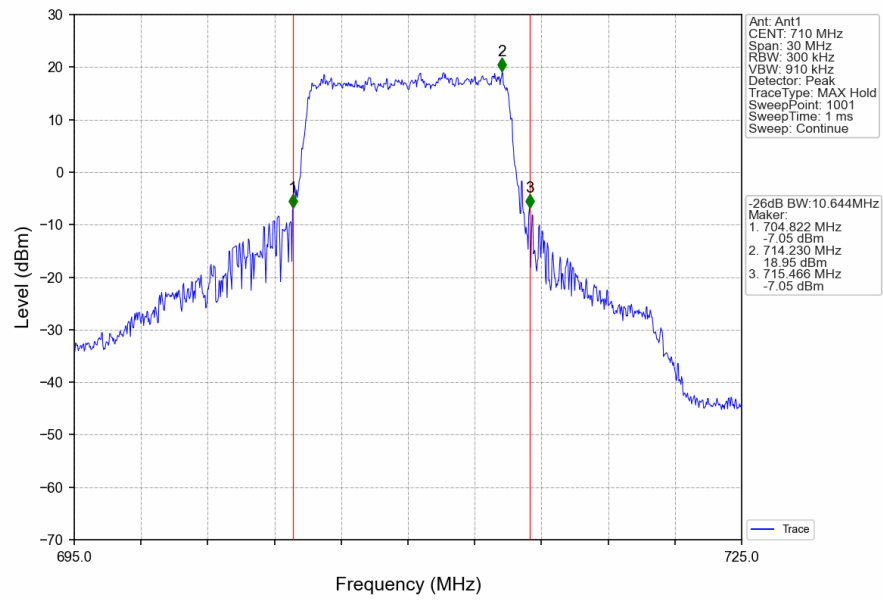
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



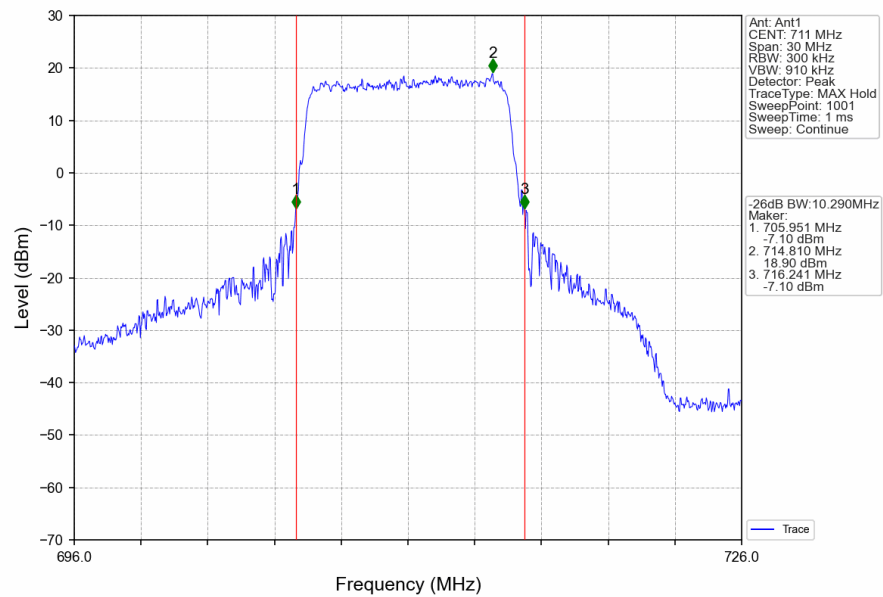
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



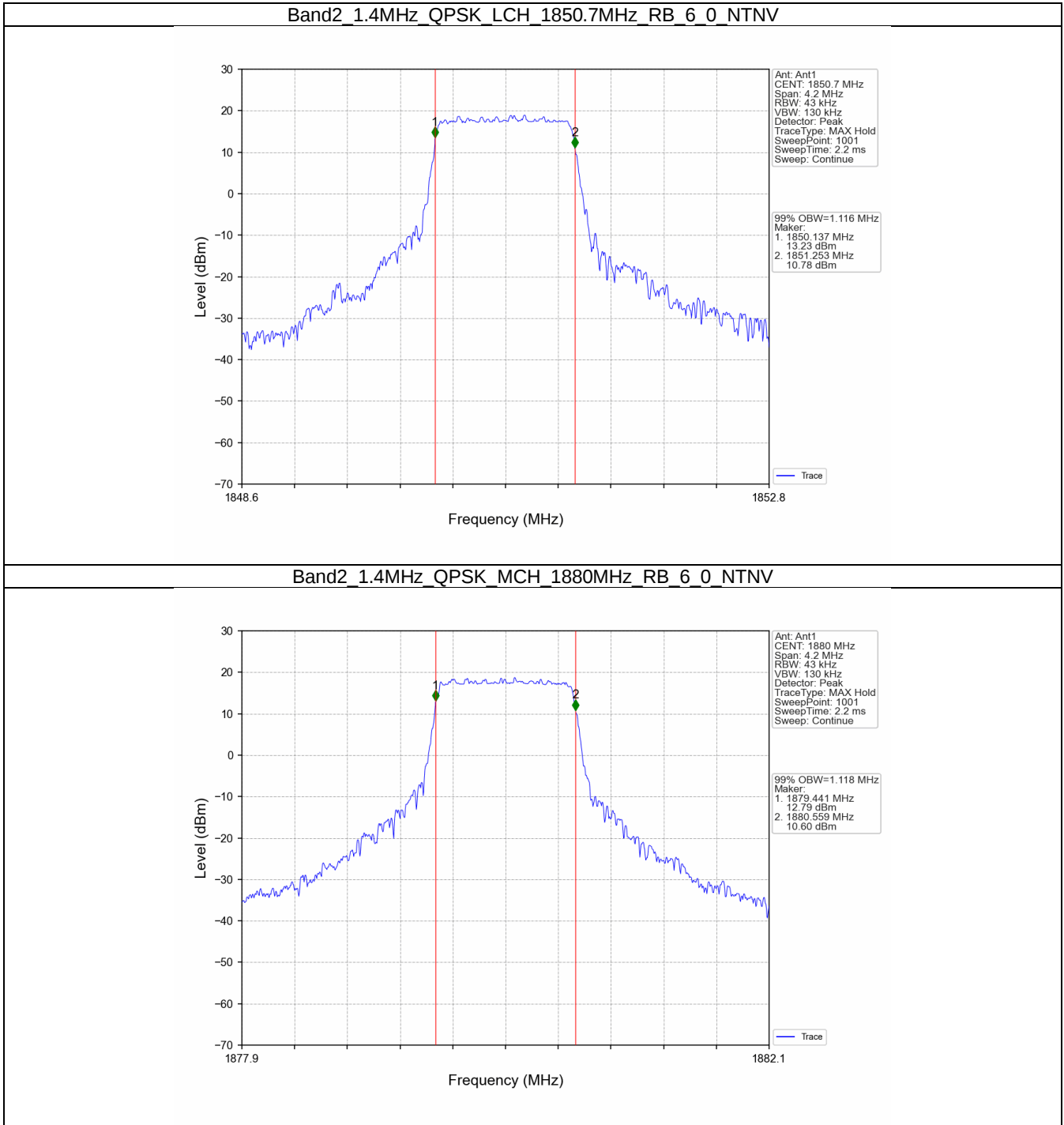
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

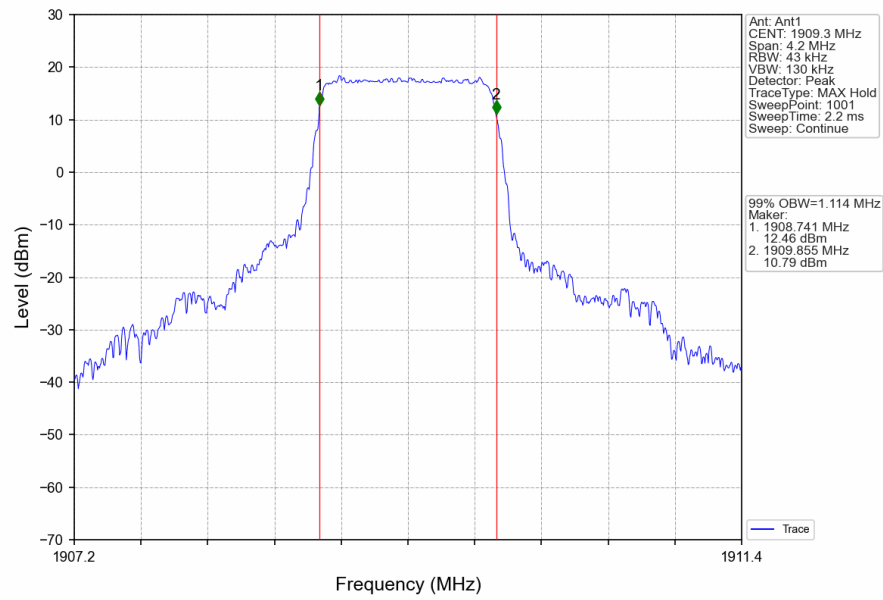
4.1.1 Test Result

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	1.116	Pass
		1880	6	0	1.118	Pass
		1909.3	6	0	1.114	Pass
	16QAM	1850.7	6	0	1.116	Pass
		1880	6	0	1.106	Pass
		1909.3	6	0	1.114	Pass
3	QPSK	1851.5	15	0	2.755	Pass
		1880	15	0	2.759	Pass
		1908.5	15	0	2.776	Pass
	16QAM	1851.5	15	0	2.772	Pass
		1880	15	0	2.753	Pass
		1908.5	15	0	2.767	Pass
5	QPSK	1852.5	25	0	4.586	Pass
		1880	25	0	4.578	Pass
		1907.5	25	0	4.568	Pass
	16QAM	1852.5	25	0	4.564	Pass
		1880	25	0	4.608	Pass
		1907.5	25	0	4.599	Pass
10	QPSK	1855	50	0	9.077	Pass
		1880	50	0	9.099	Pass
		1905	50	0	9.070	Pass
	16QAM	1855	50	0	9.086	Pass
		1880	50	0	9.092	Pass
		1905	50	0	9.085	Pass
15	QPSK	1857.5	75	0	13.618	Pass
		1880	75	0	13.666	Pass
		1902.5	75	0	13.526	Pass
	16QAM	1857.5	75	0	13.619	Pass
		1880	75	0	13.652	Pass
		1902.5	75	0	13.609	Pass
20	QPSK	1860	100	0	18.109	Pass
		1880	100	0	18.293	Pass
		1900	100	0	18.068	Pass
	16QAM	1860	100	0	18.069	Pass
		1880	100	0	18.261	Pass
		1900	100	0	18.150	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

