

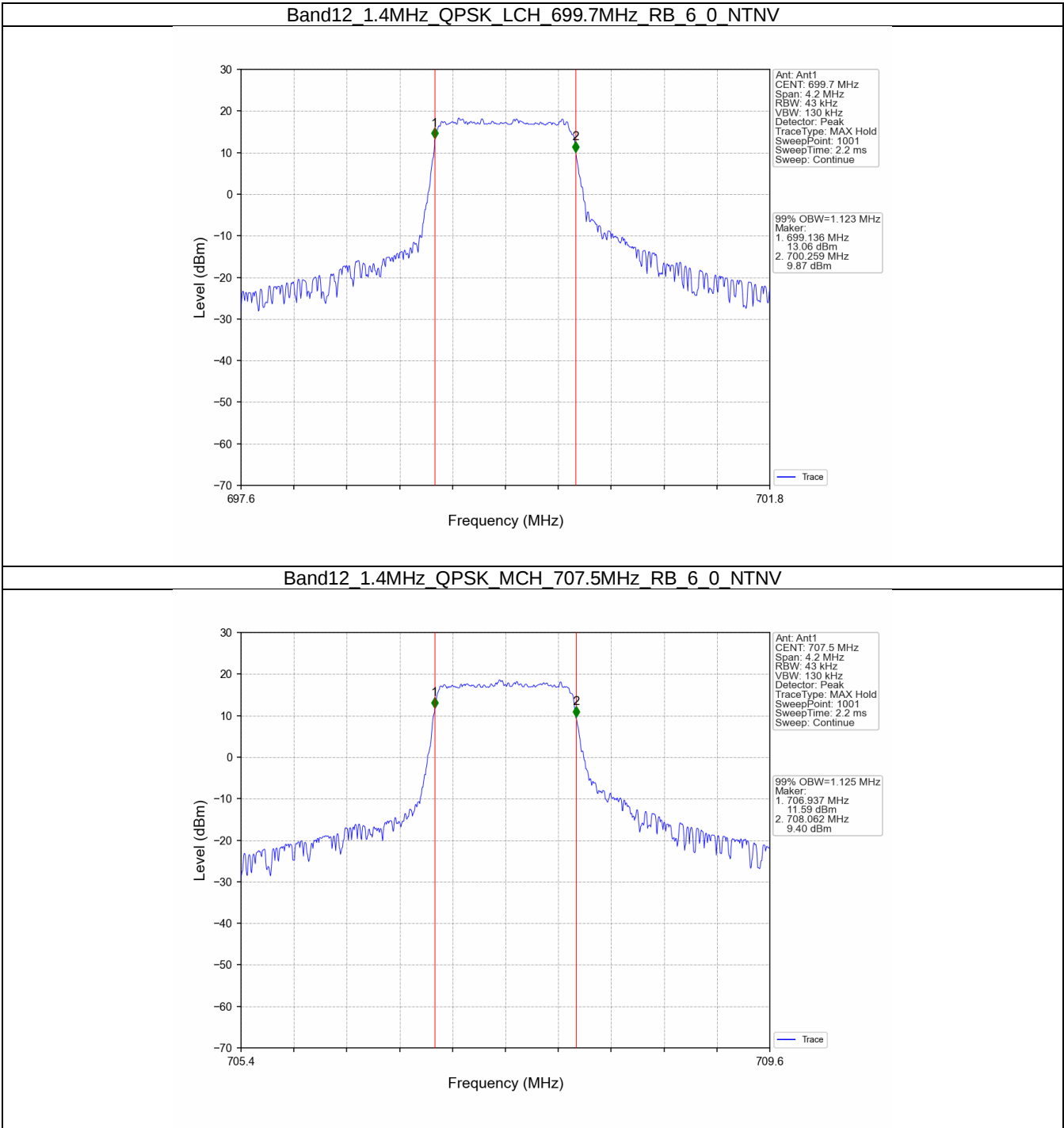
1. 99% & 26dB Bandwidth

1.1 Band12_OBW

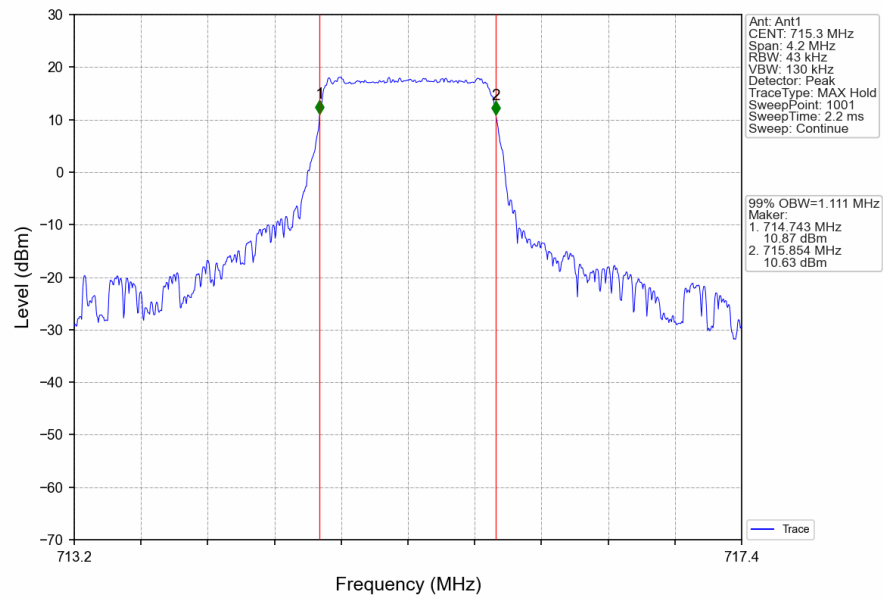
1.1.1 Test Result

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	1.123	/	Pass
		707.5	6	0	1.125	/	Pass
		715.3	6	0	1.111	/	Pass
	16QAM	699.7	6	0	1.130	/	Pass
		707.5	6	0	1.129	/	Pass
		715.3	6	0	1.122	/	Pass
3	QPSK	700.5	15	0	2.772	/	Pass
		707.5	15	0	2.767	/	Pass
		714.5	15	0	2.777	/	Pass
	16QAM	700.5	15	0	2.789	/	Pass
		707.5	15	0	2.780	/	Pass
		714.5	15	0	2.799	/	Pass
5	QPSK	701.5	25	0	4.587	/	Pass
		707.5	25	0	4.574	/	Pass
		713.5	25	0	4.585	/	Pass
	16QAM	701.5	25	0	4.569	/	Pass
		707.5	25	0	4.596	/	Pass
		713.5	25	0	4.592	/	Pass
10	QPSK	704	50	0	9.099	/	Pass
		707.5	50	0	9.056	/	Pass
		711	50	0	9.088	/	Pass
	16QAM	704	50	0	9.075	/	Pass
		707.5	50	0	9.076	/	Pass
		711	50	0	9.070	/	Pass

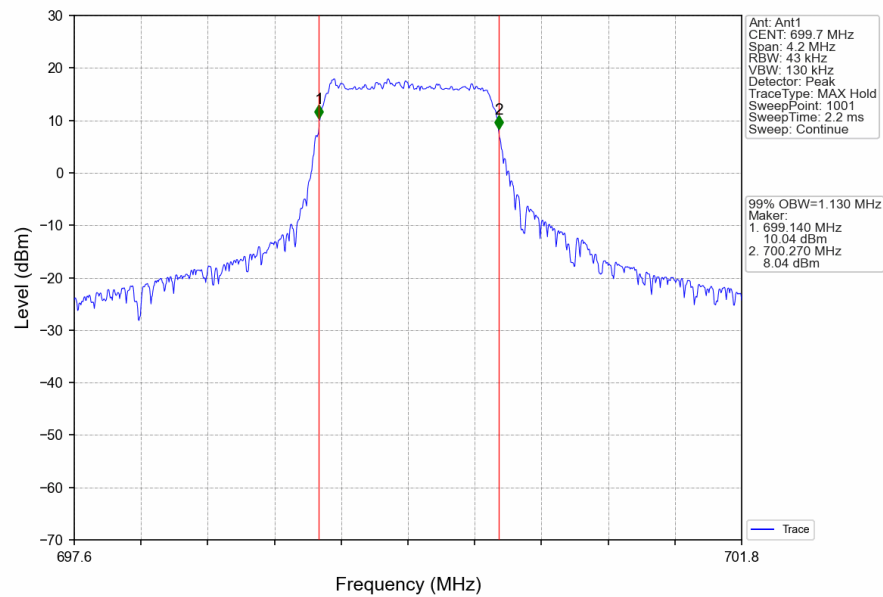
1.1.2 Test Graph



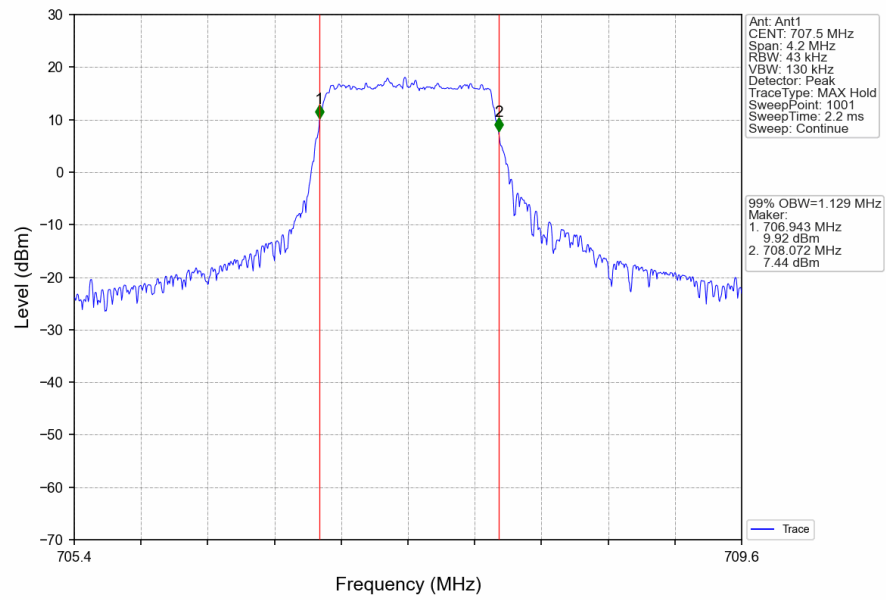
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



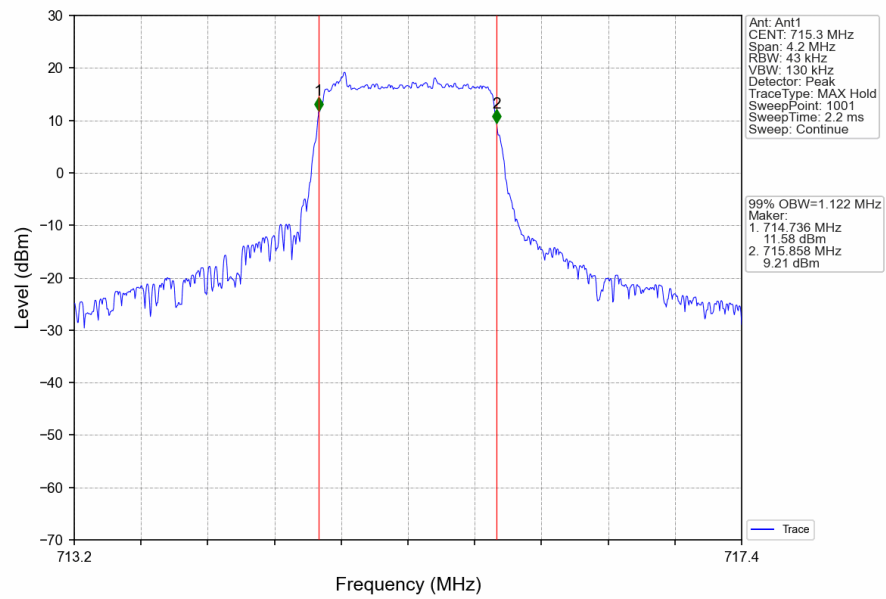
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



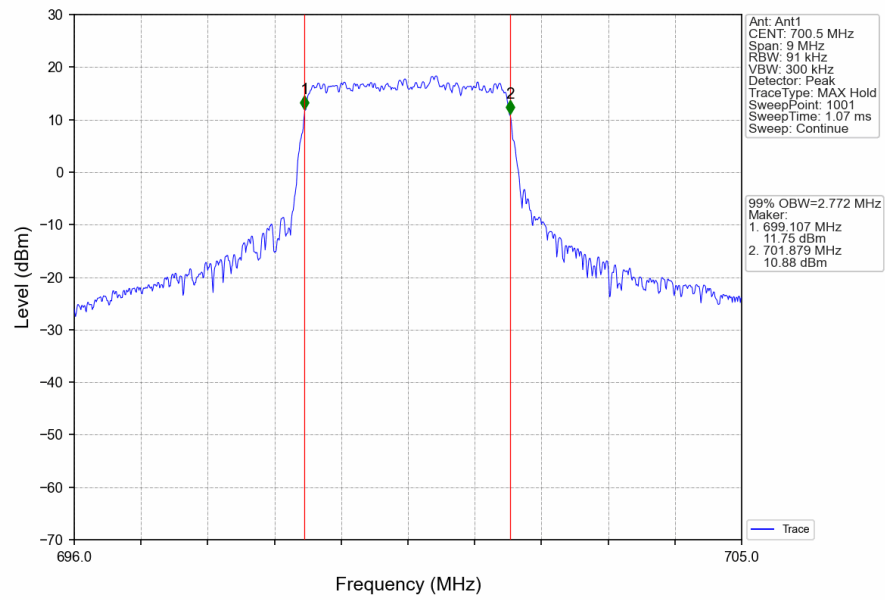
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



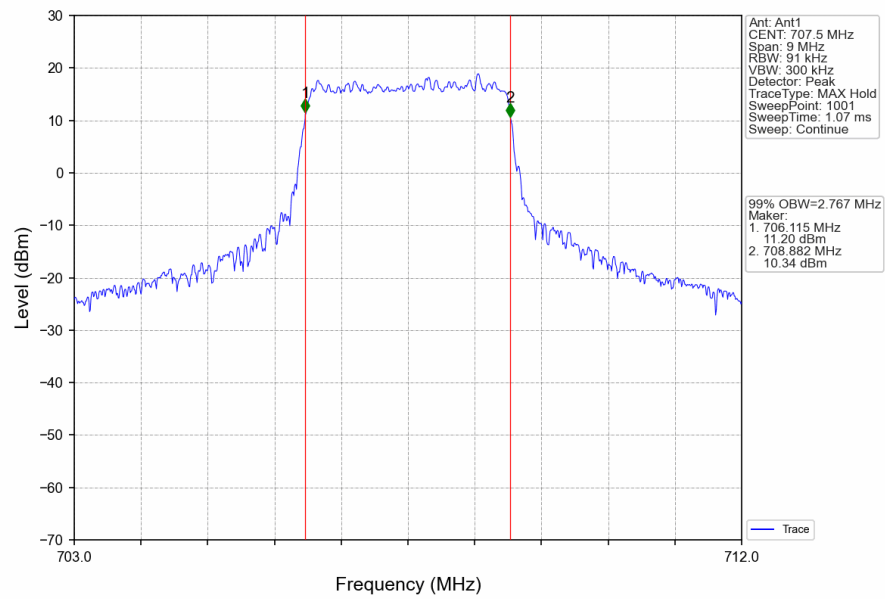
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



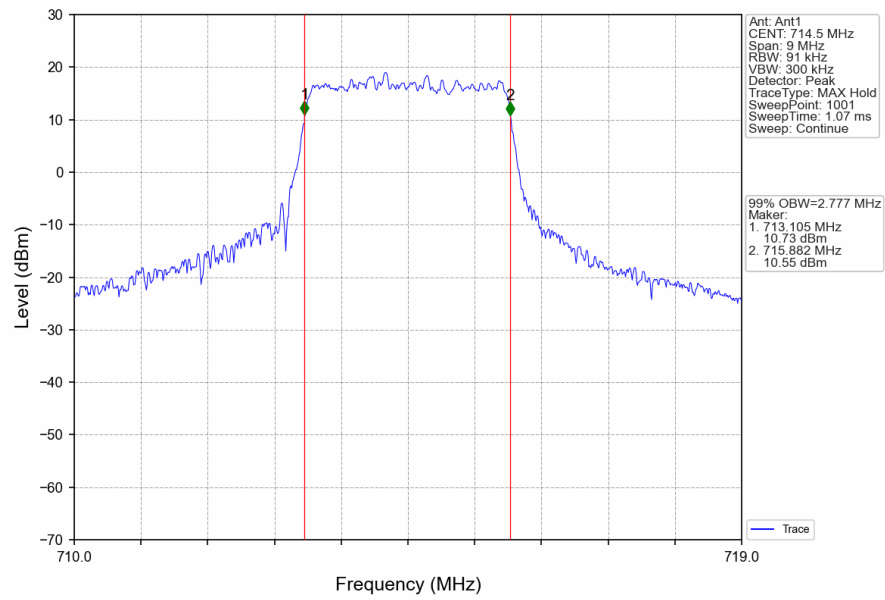
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



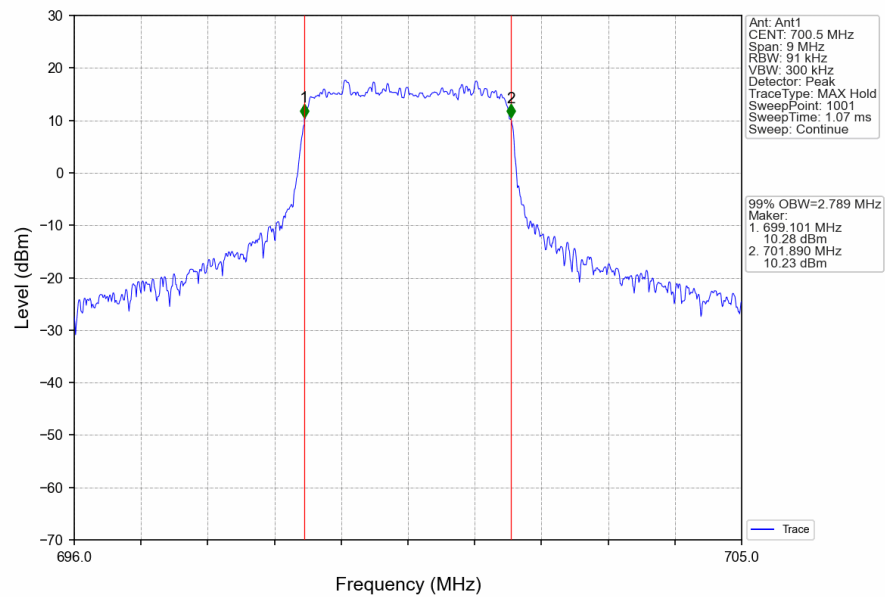
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



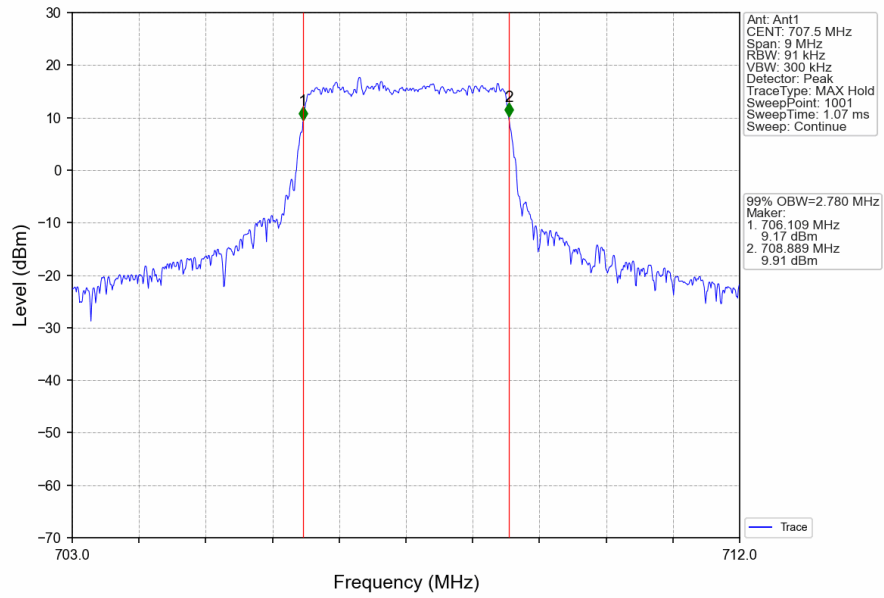
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



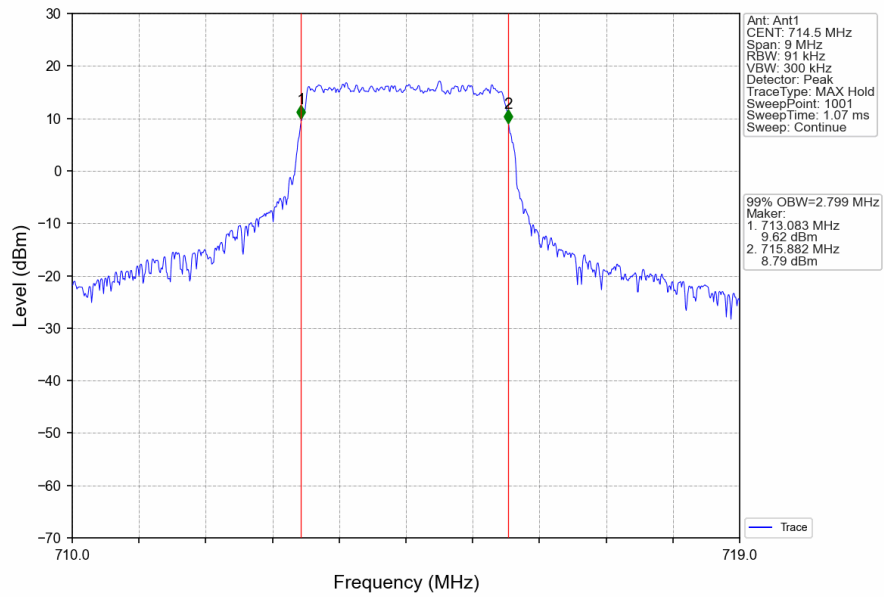
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



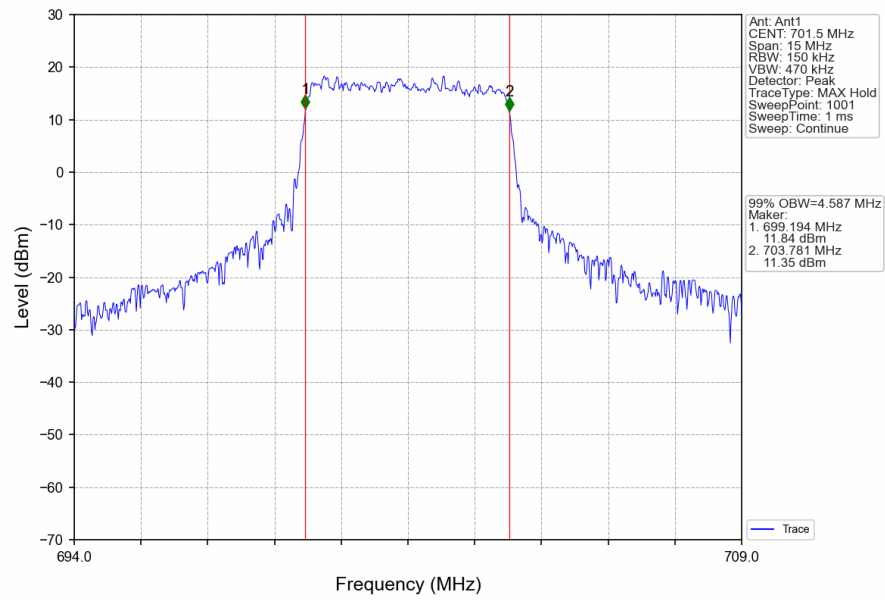
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



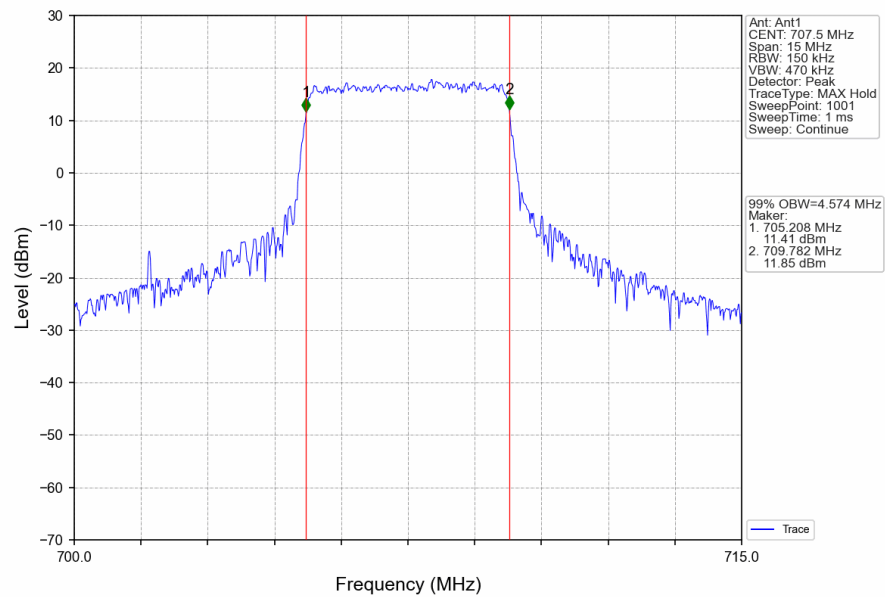
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



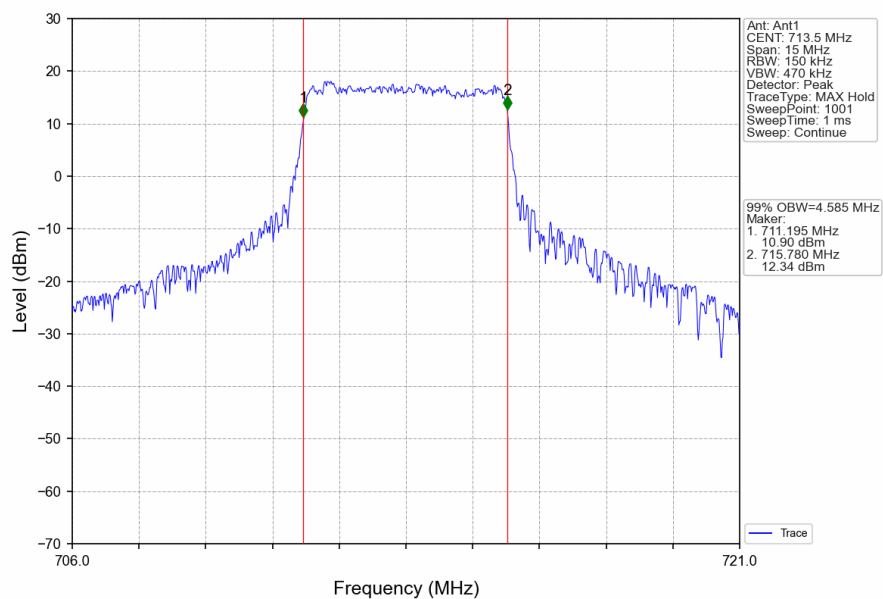
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



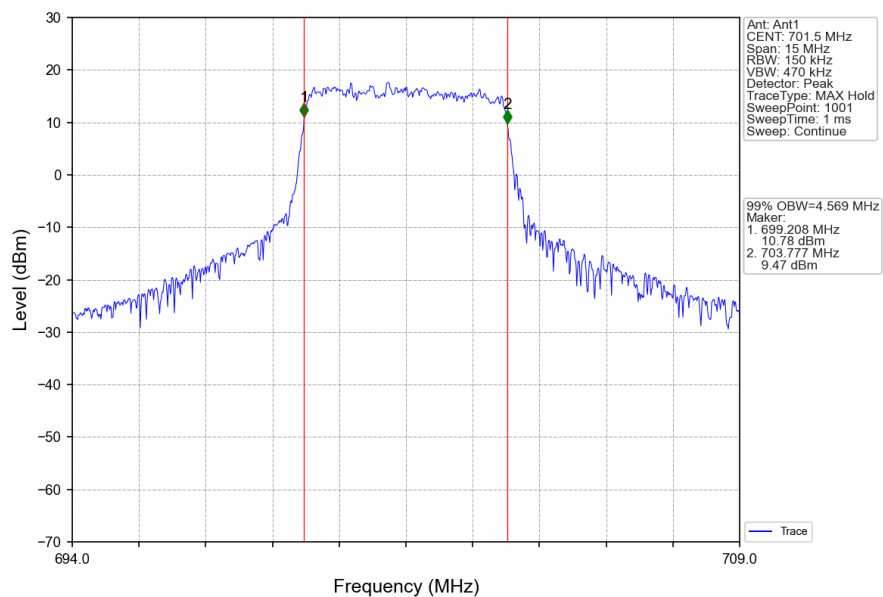
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



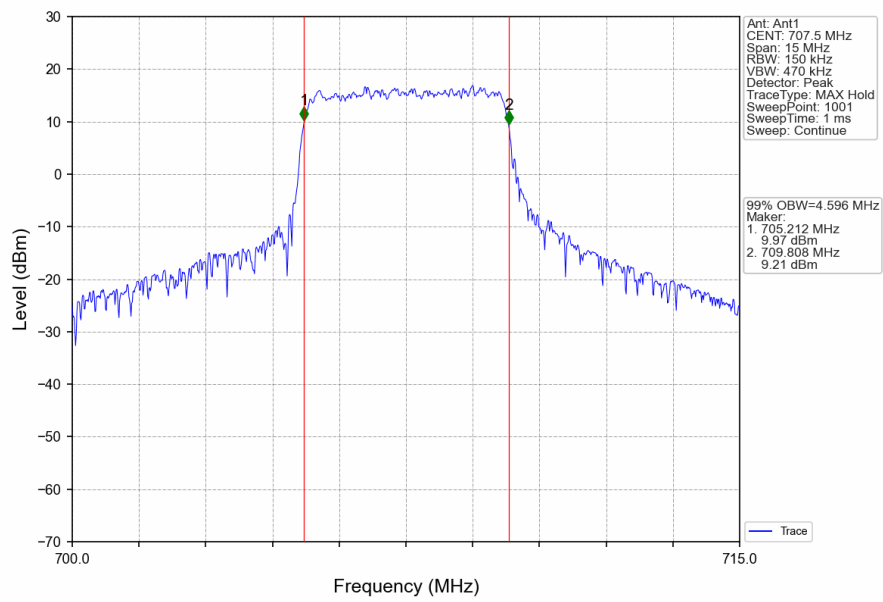
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



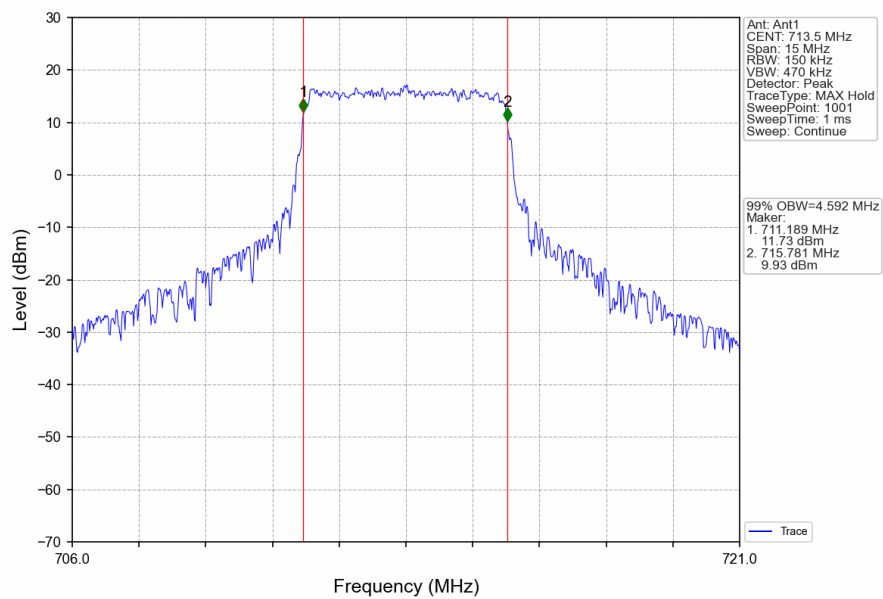
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



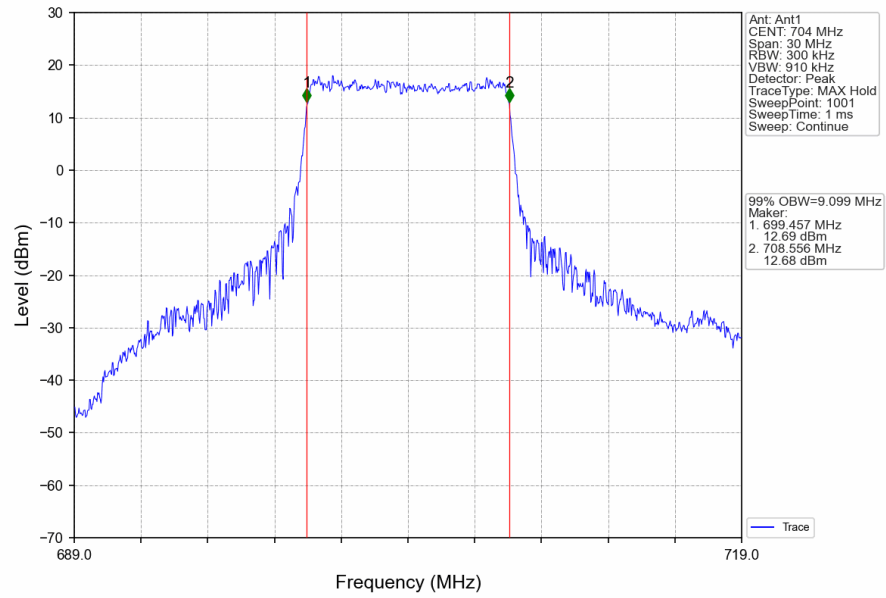
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



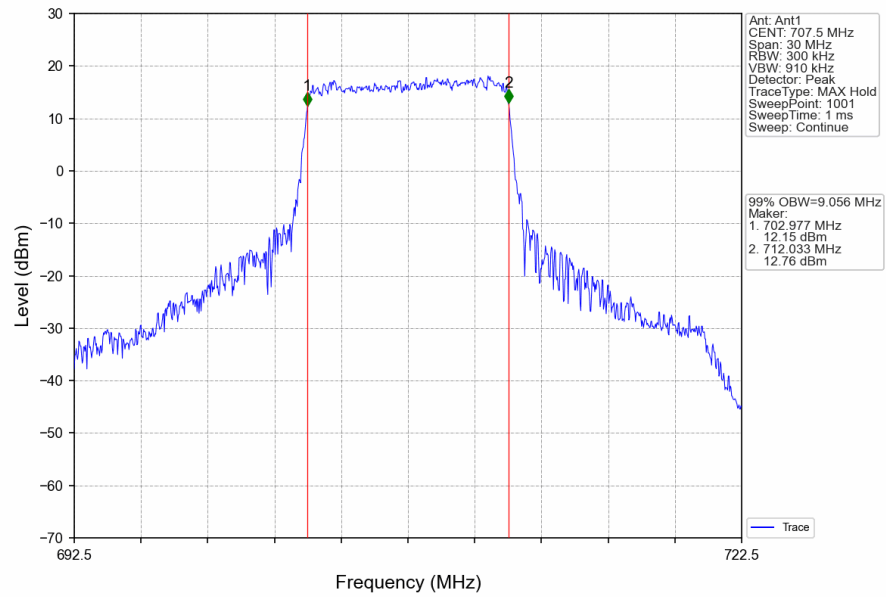
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



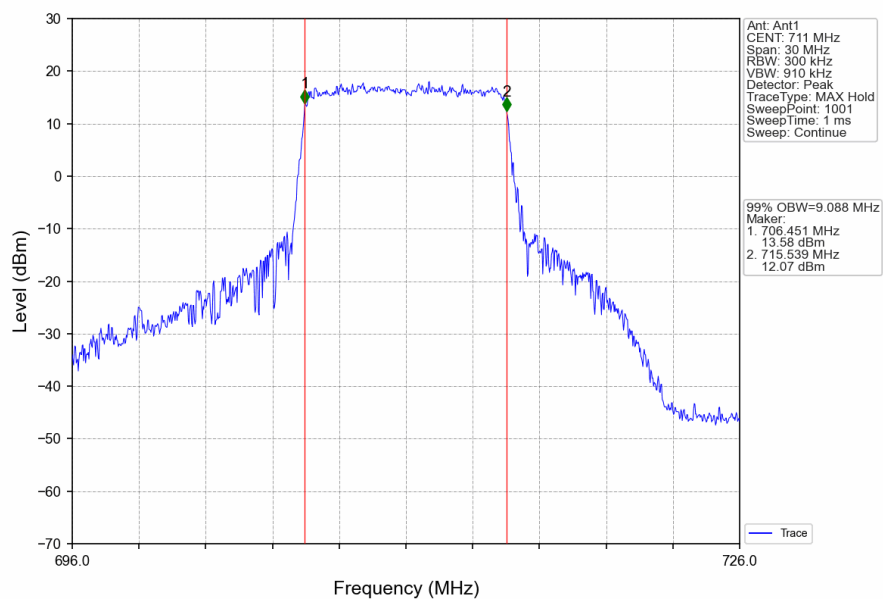
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



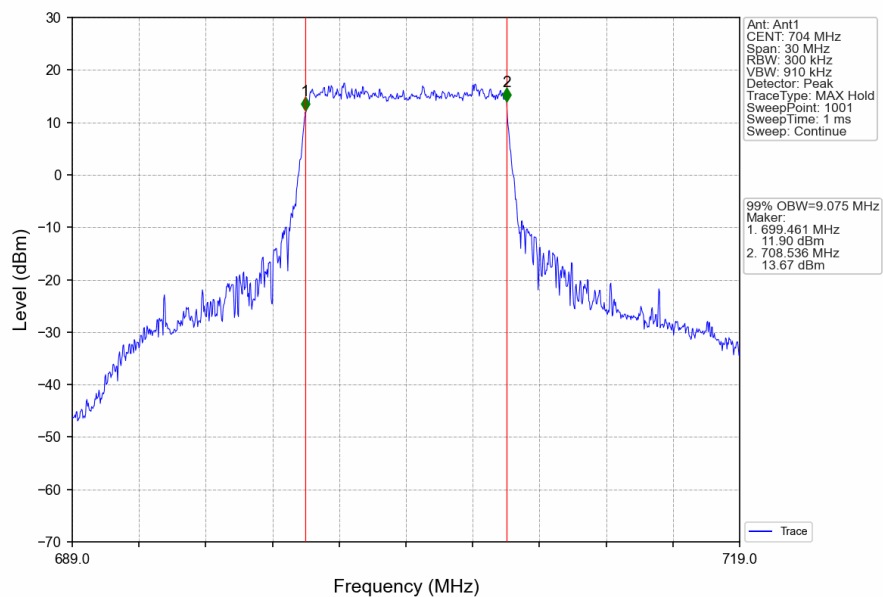
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



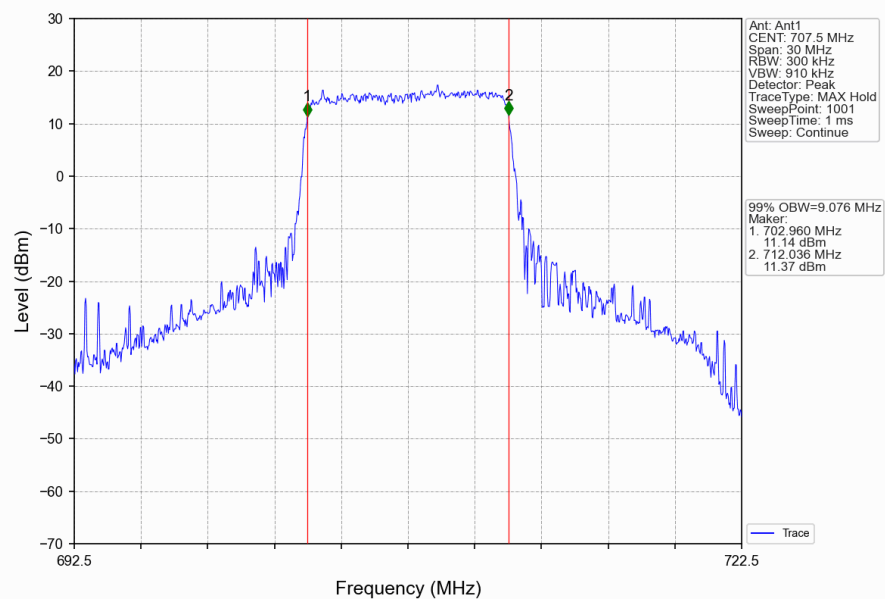
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



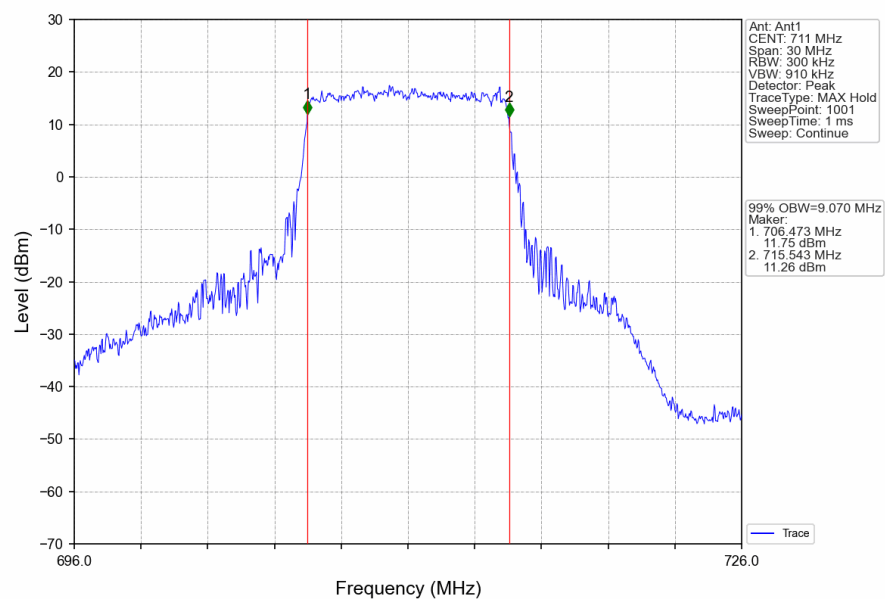
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

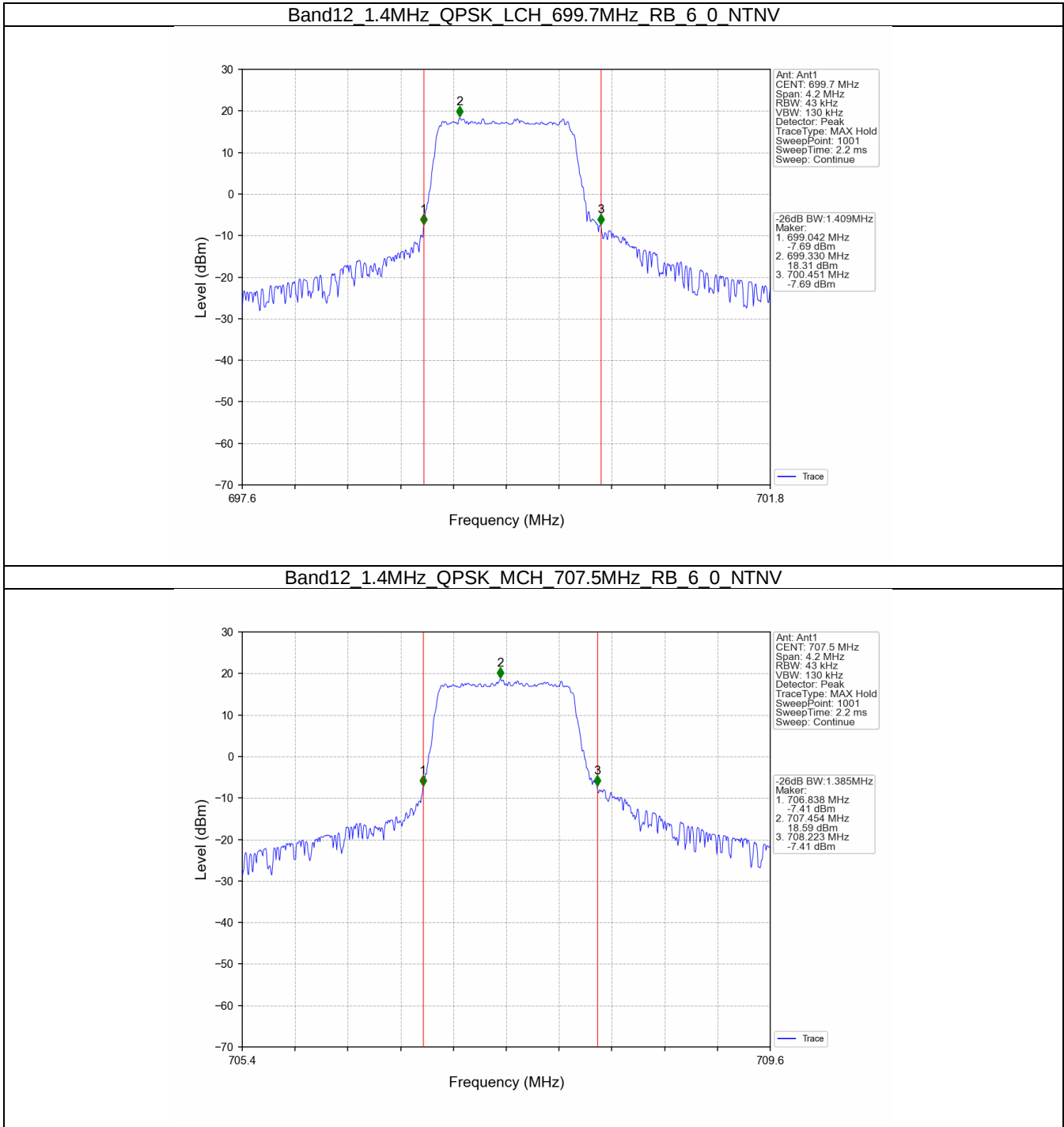


1.2 Band12_XDB

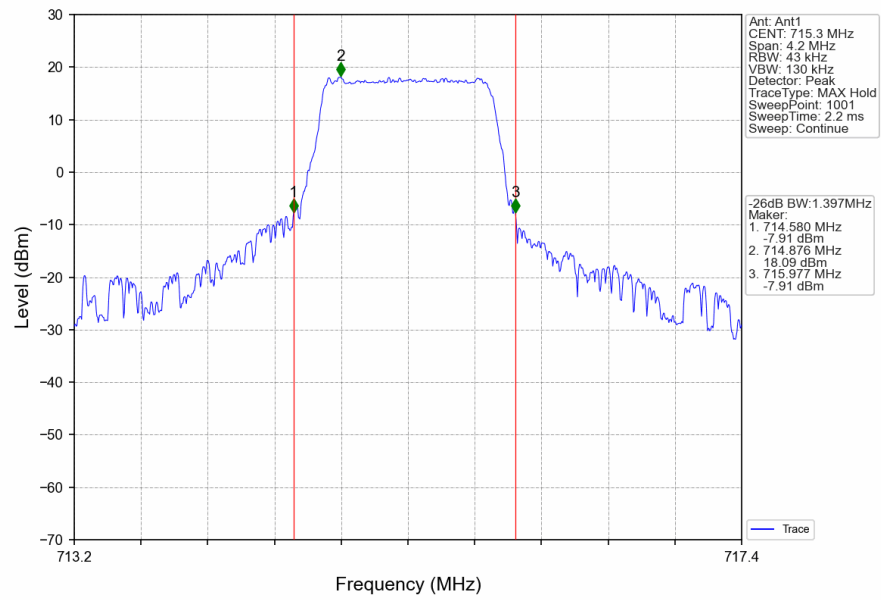
1.2.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.409	/	Pass
		707.5	6	0	1.385	/	Pass
		715.3	6	0	1.397	/	Pass
	16QAM	699.7	6	0	1.474	/	Pass
		707.5	6	0	1.498	/	Pass
		715.3	6	0	1.333	/	Pass
3	QPSK	700.5	15	0	3.221	/	Pass
		707.5	15	0	3.198	/	Pass
		714.5	15	0	3.378	/	Pass
	16QAM	700.5	15	0	3.256	/	Pass
		707.5	15	0	3.331	/	Pass
		714.5	15	0	3.615	/	Pass
5	QPSK	701.5	25	0	5.445	/	Pass
		707.5	25	0	5.590	/	Pass
		713.5	25	0	5.941	/	Pass
	16QAM	701.5	25	0	5.565	/	Pass
		707.5	25	0	5.903	/	Pass
		713.5	25	0	5.661	/	Pass
10	QPSK	704	50	0	10.483	/	Pass
		707.5	50	0	10.287	/	Pass
		711	50	0	10.259	/	Pass
	16QAM	704	50	0	10.204	/	Pass
		707.5	50	0	10.218	/	Pass
		711	50	0	10.720	/	Pass

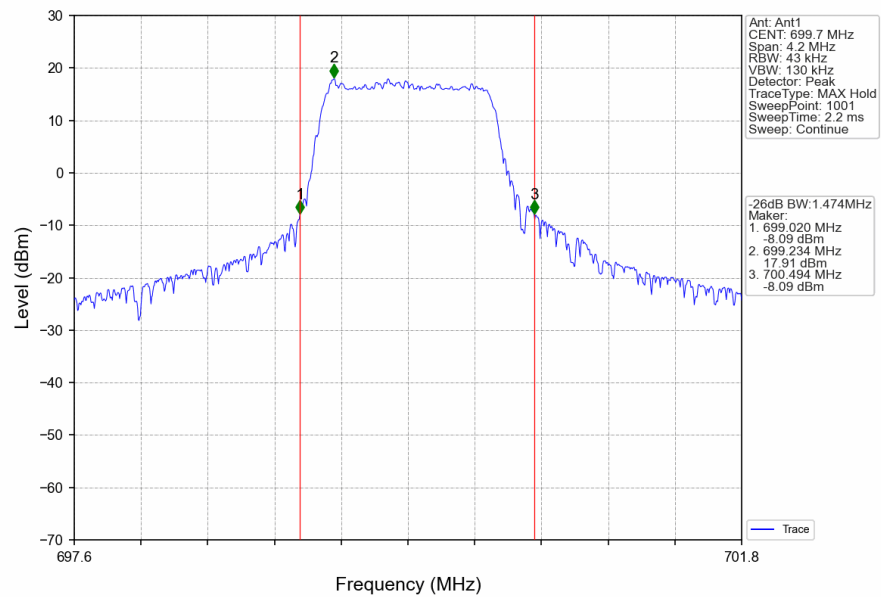
1.2.2 Test Graph



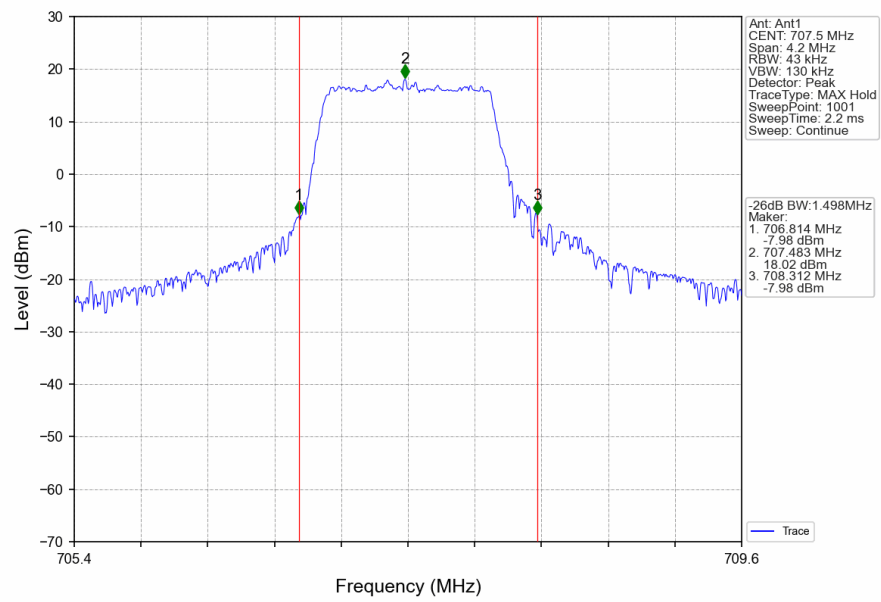
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



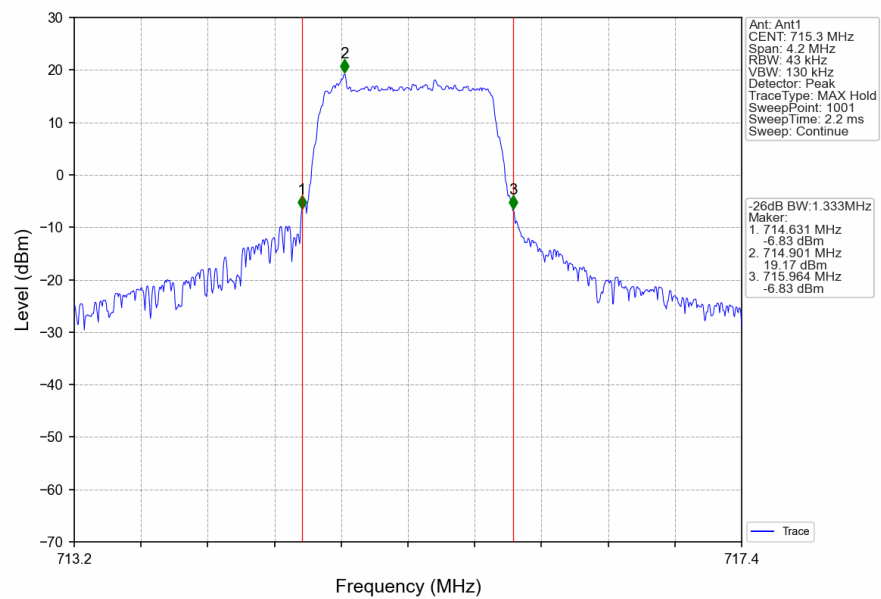
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



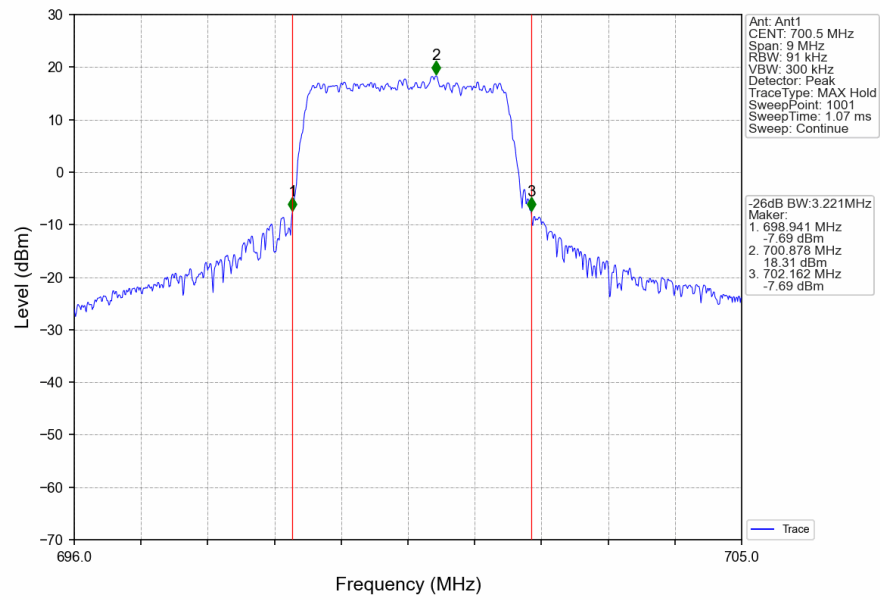
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



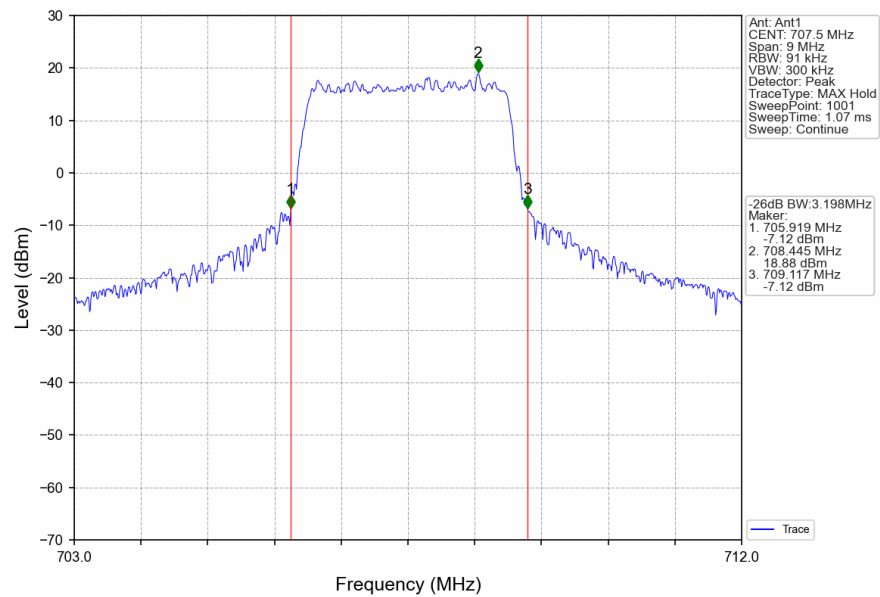
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



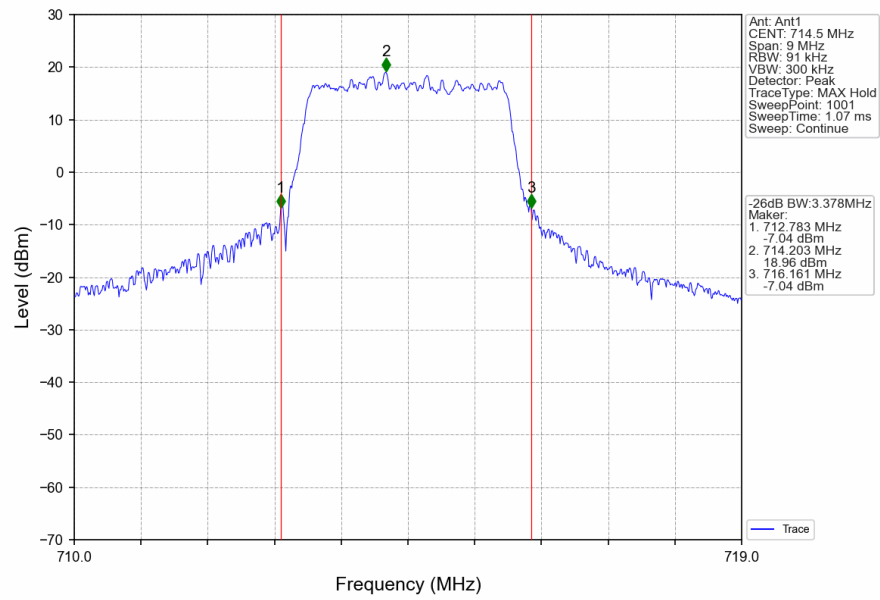
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



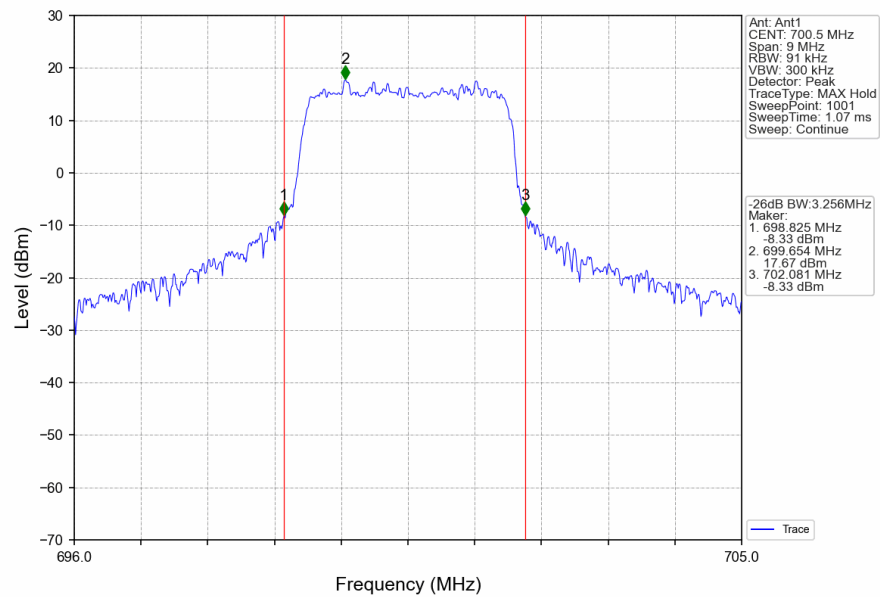
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



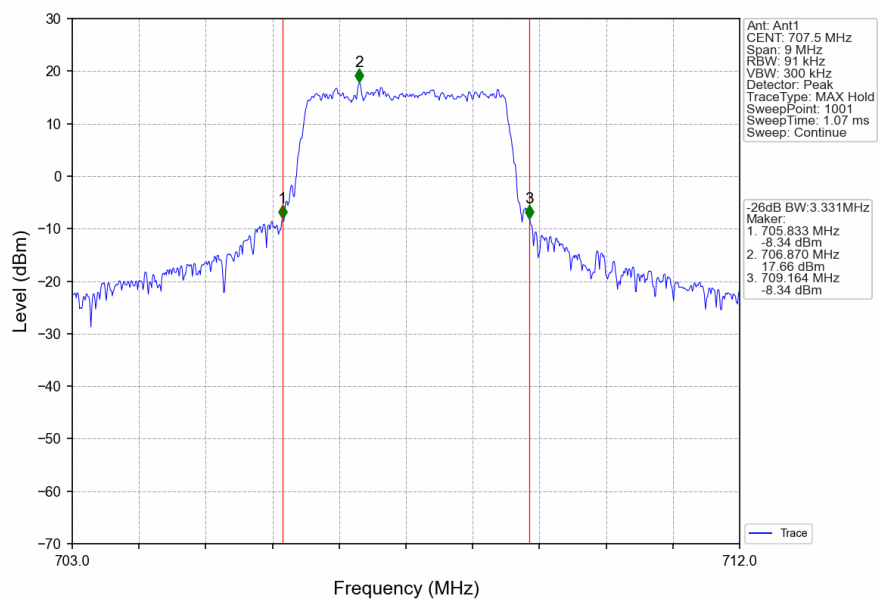
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



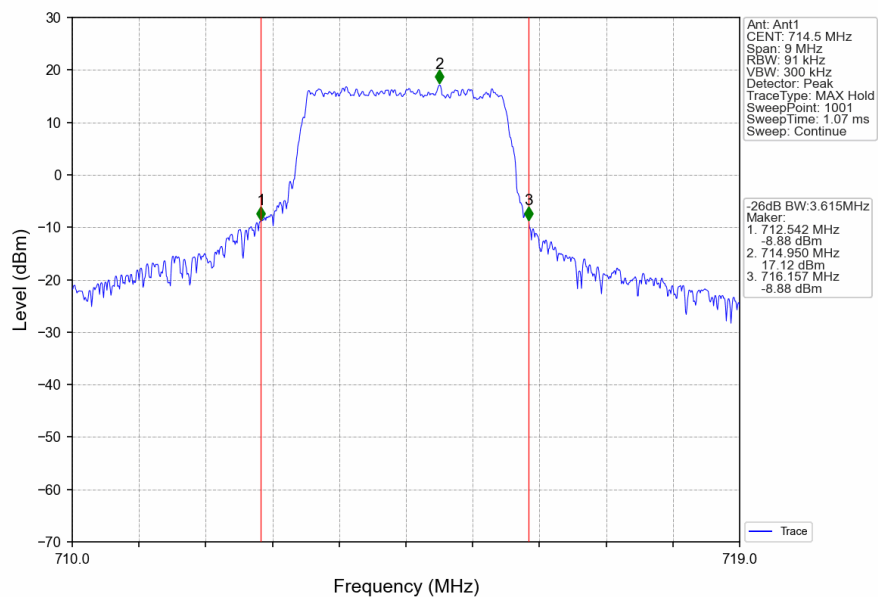
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



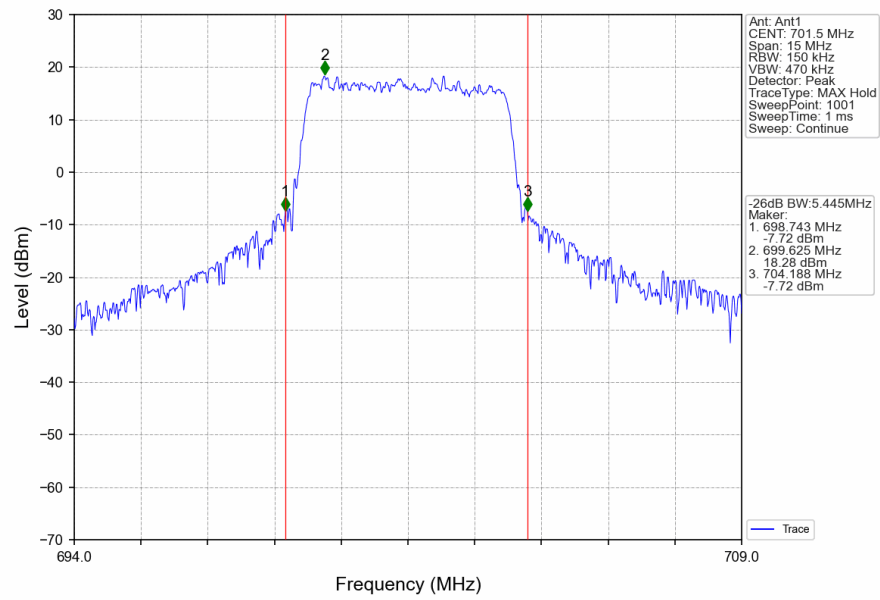
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



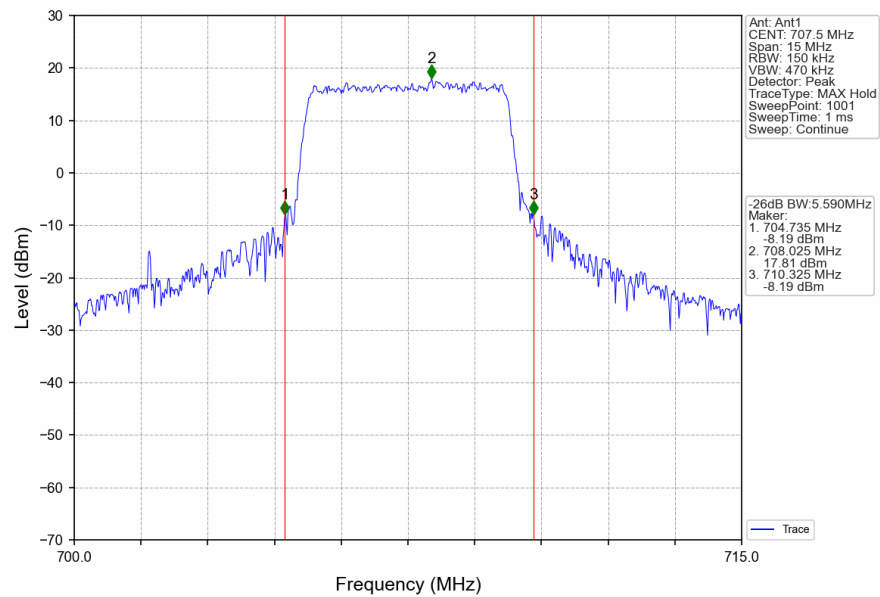
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



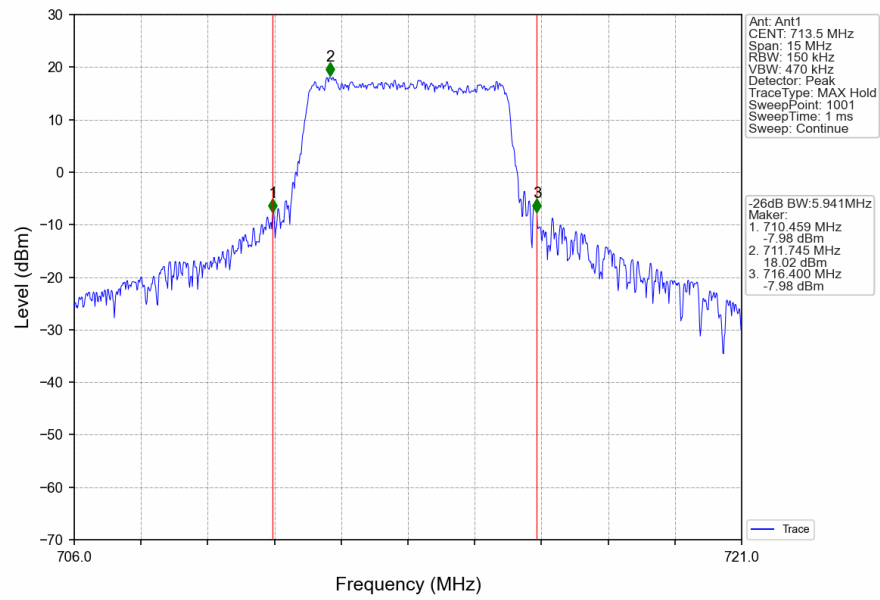
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



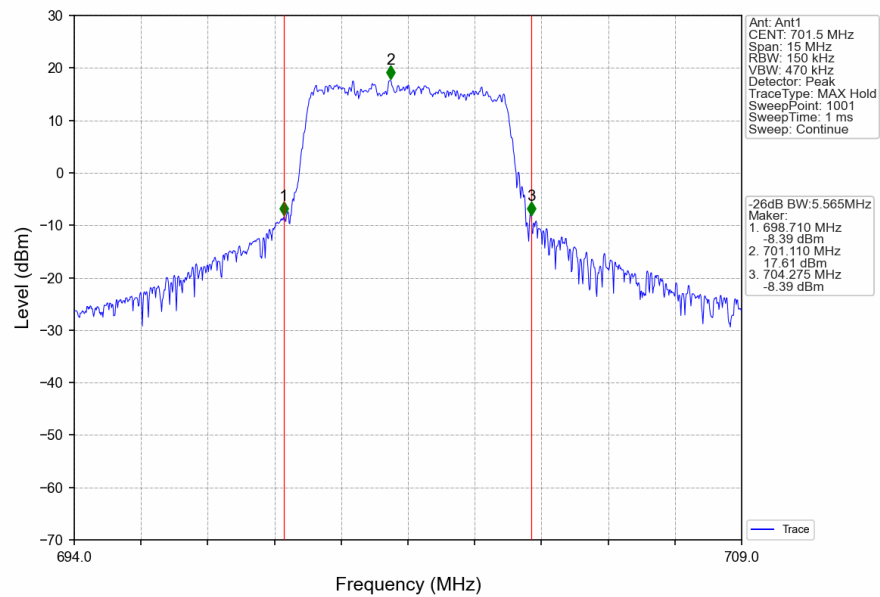
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



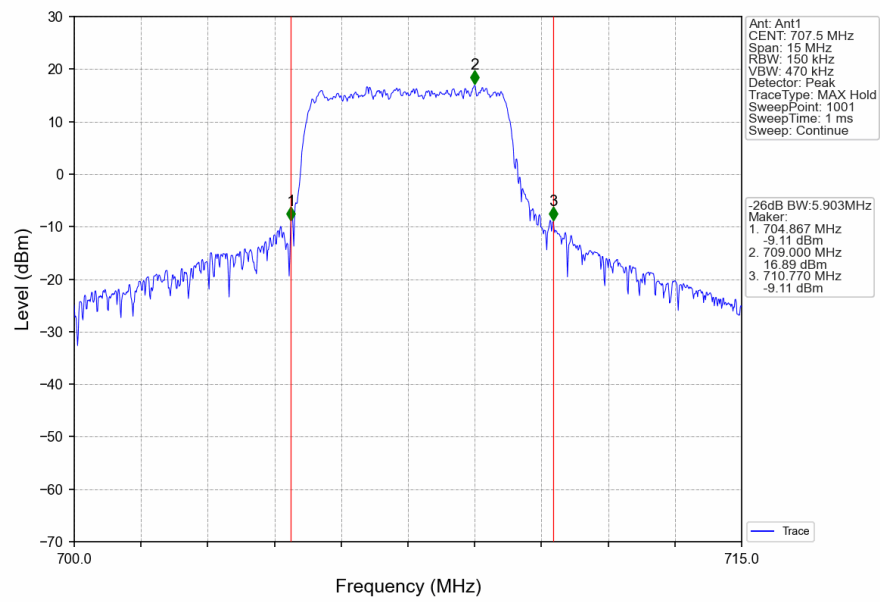
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



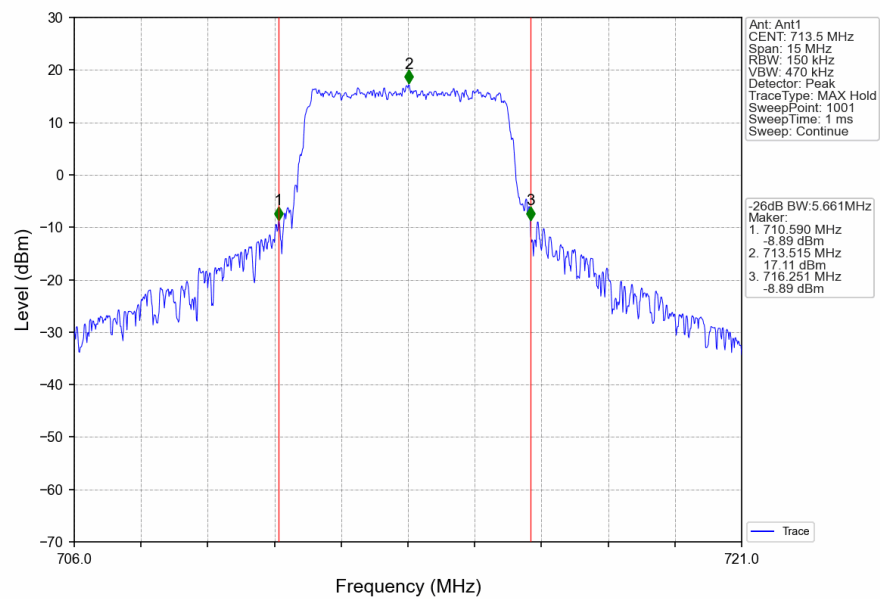
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



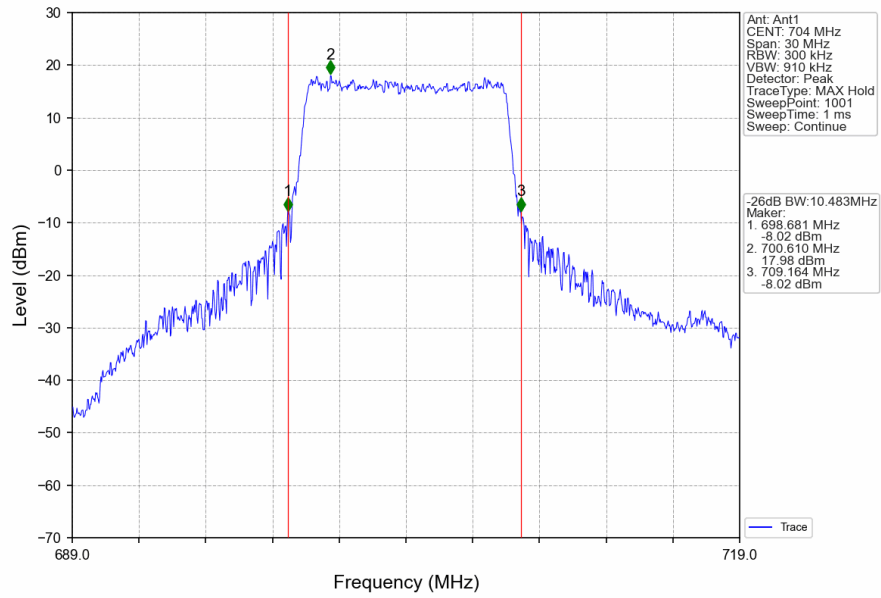
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



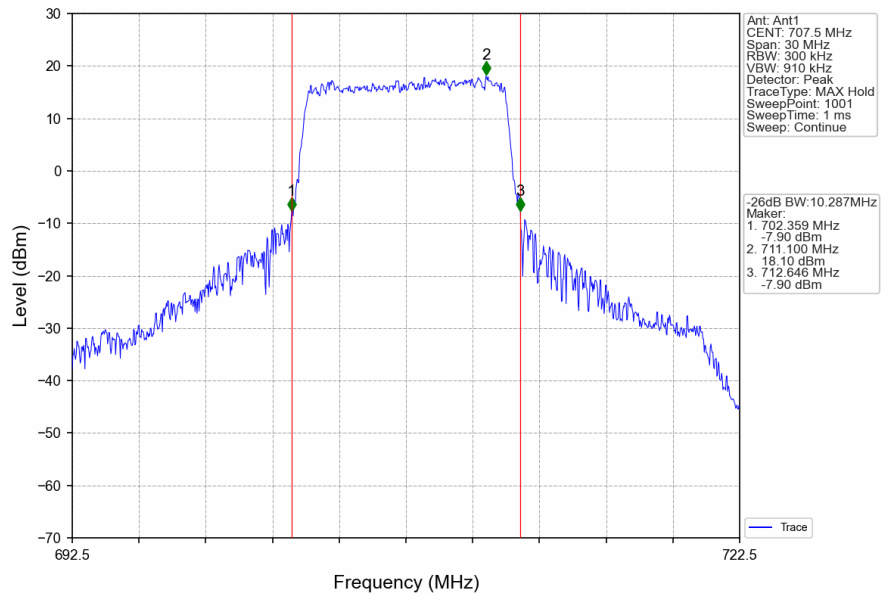
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



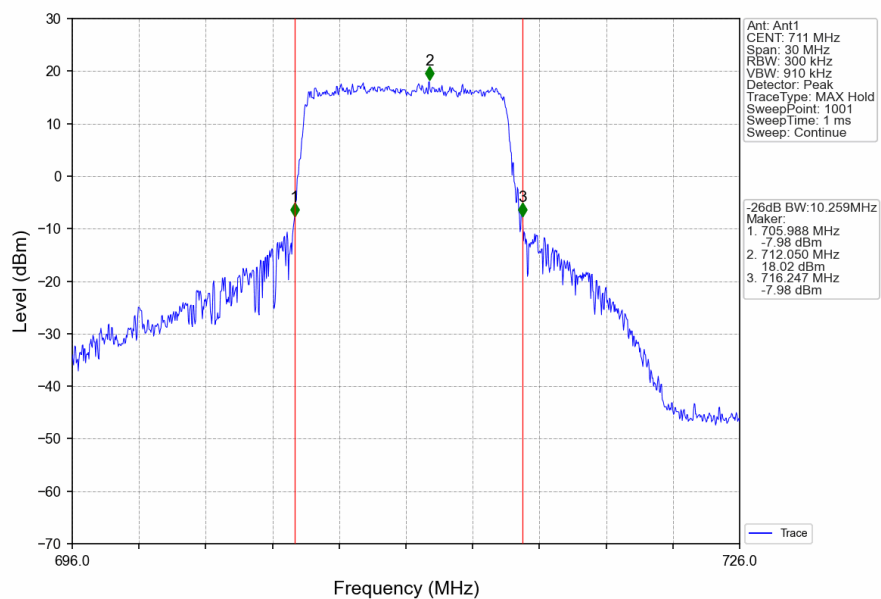
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



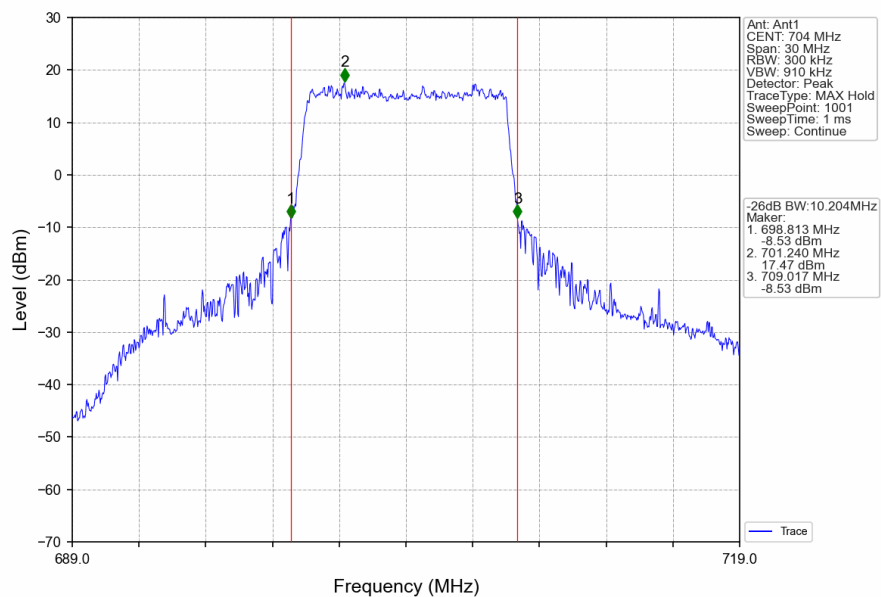
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



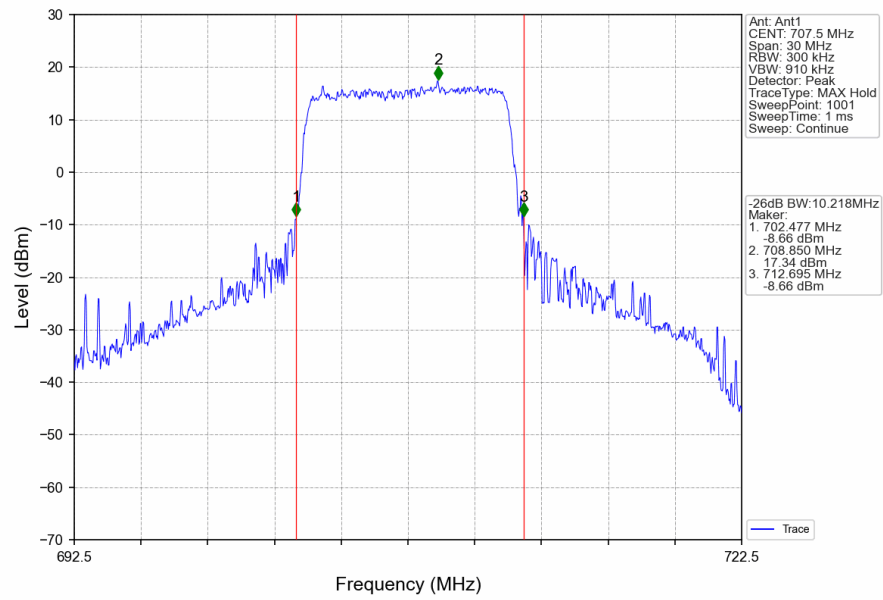
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



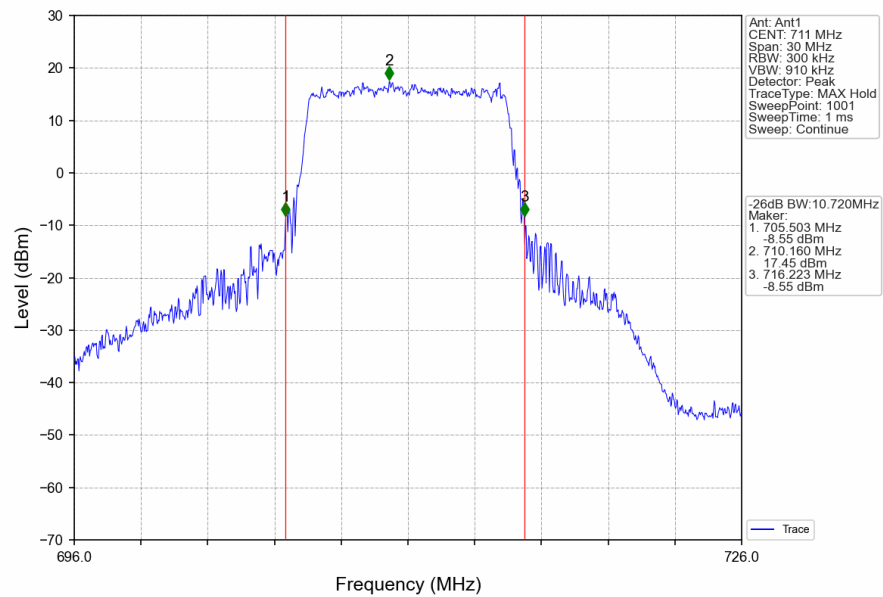
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



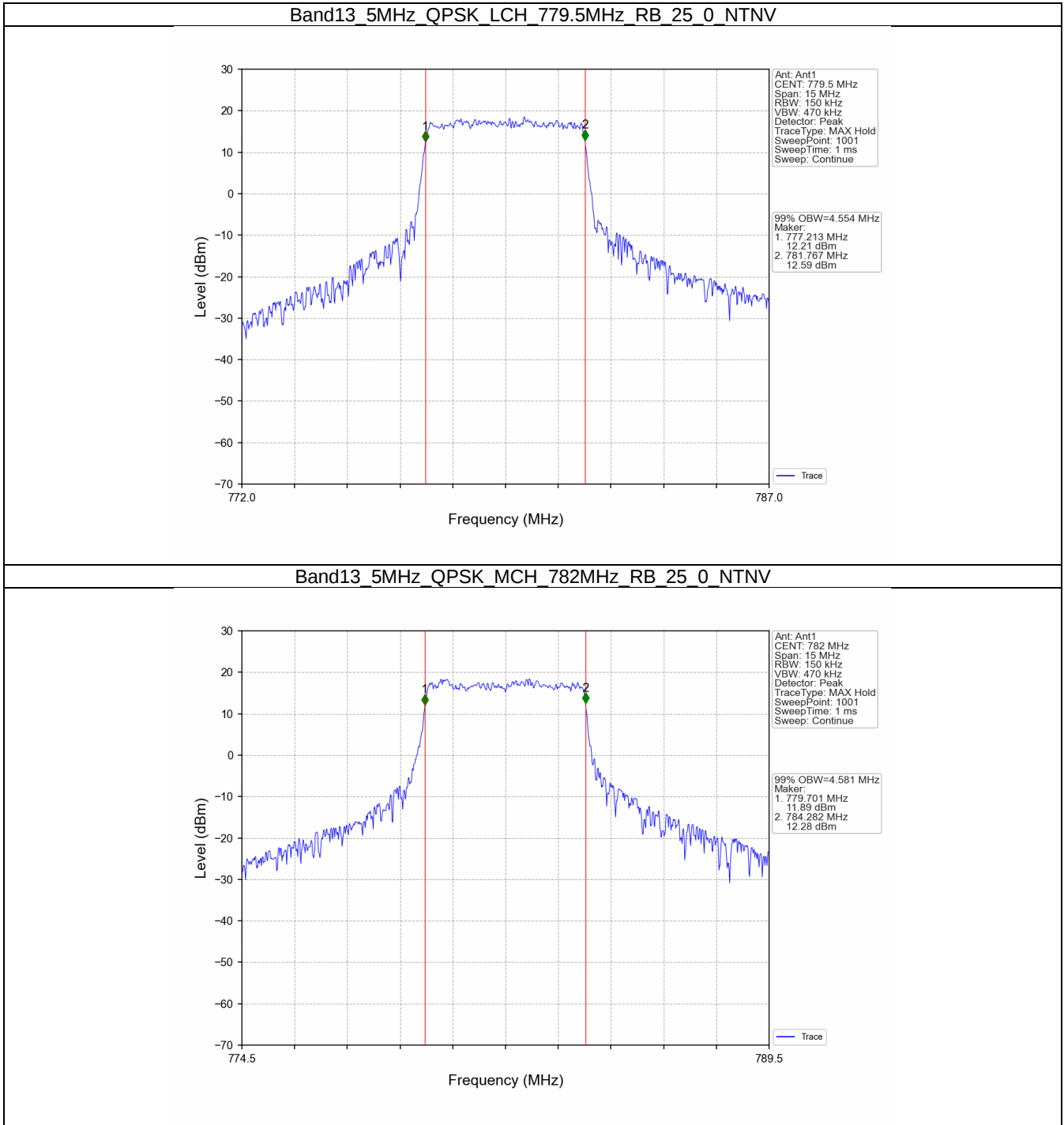
2. 99% & 26dB Bandwidth

2.1 Band13_OBW

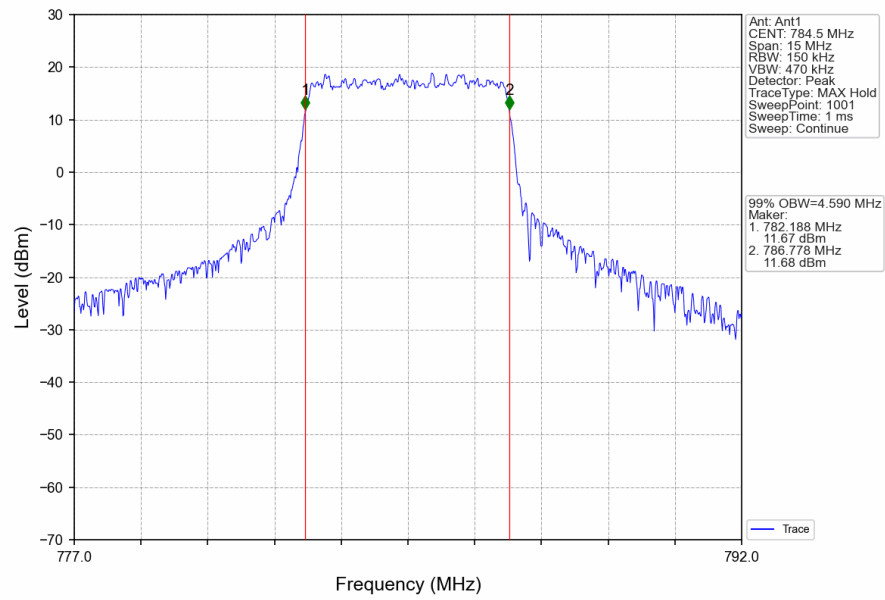
2.1.1 Test Result

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	4.554	/	Pass
		782	25	0	4.581	/	Pass
		784.5	25	0	4.590	/	Pass
	16QAM	779.5	25	0	4.605	/	Pass
		782	25	0	4.607	/	Pass
		784.5	25	0	4.589	/	Pass
10	QPSK	782	50	0	9.046	/	Pass
	16QAM	782	50	0	9.076	/	Pass

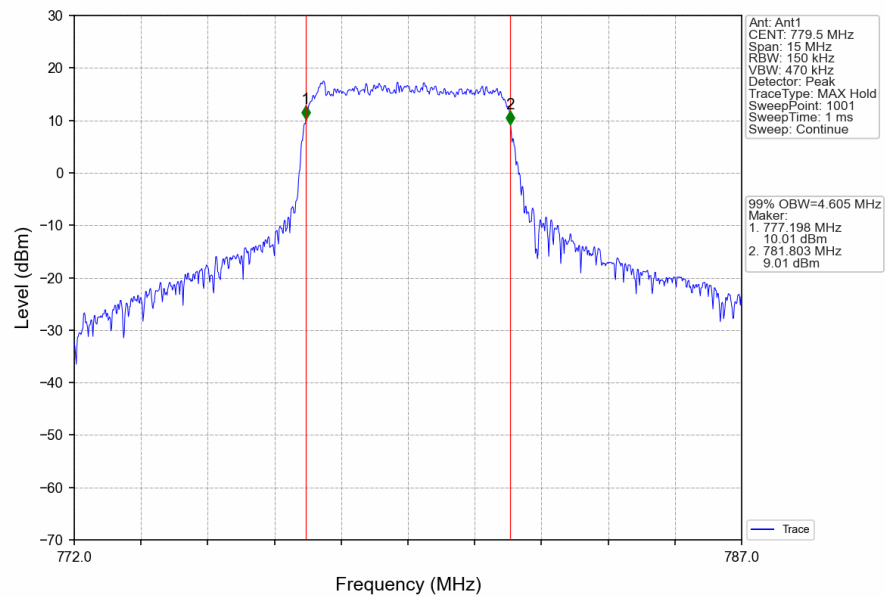
2.1.2 Test Graph



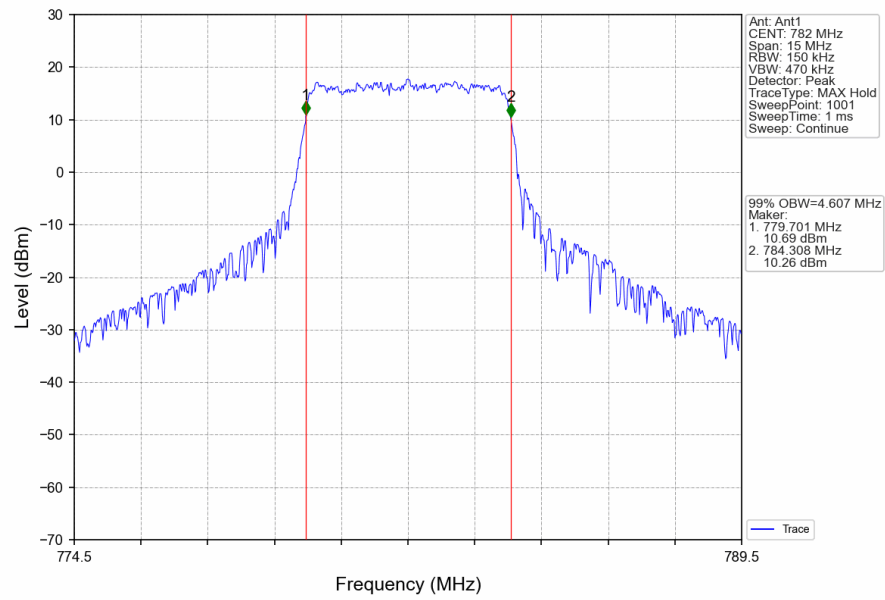
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



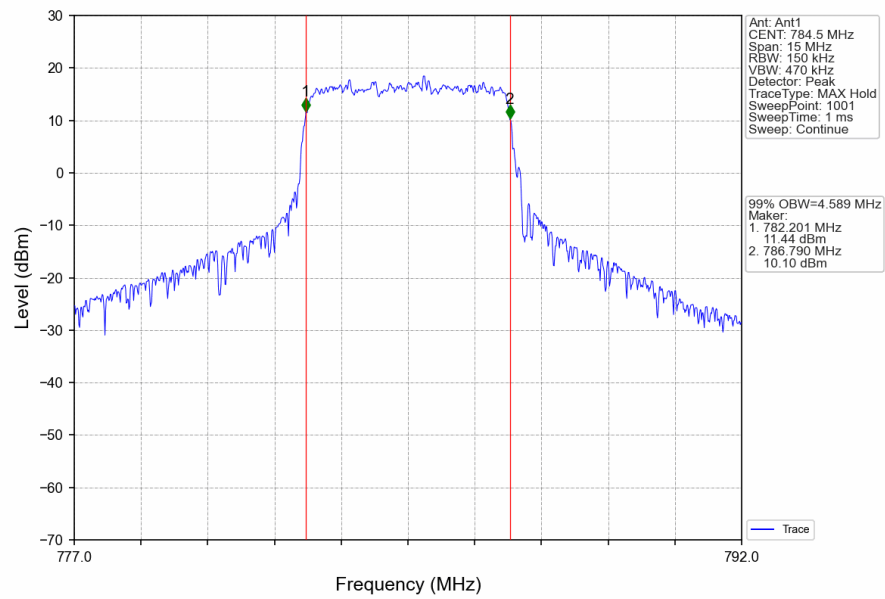
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



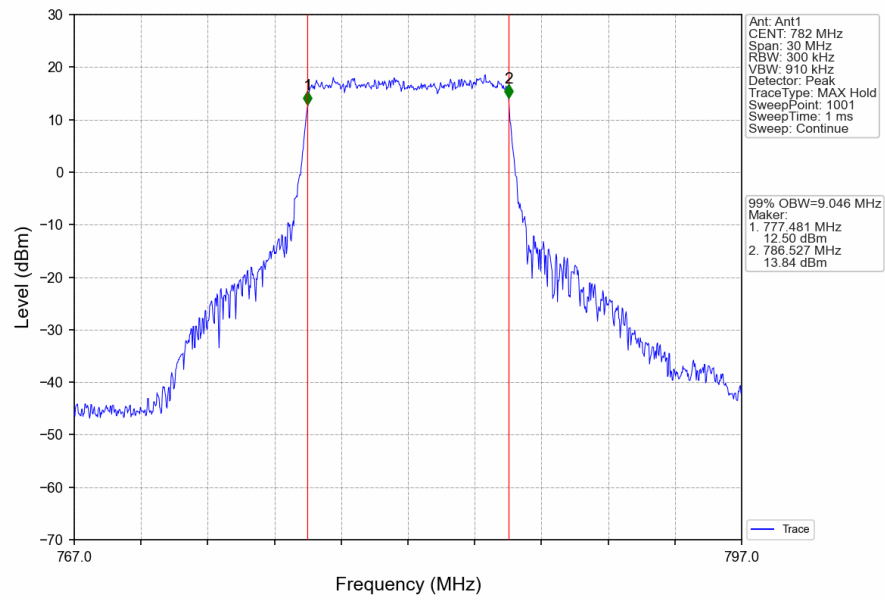
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



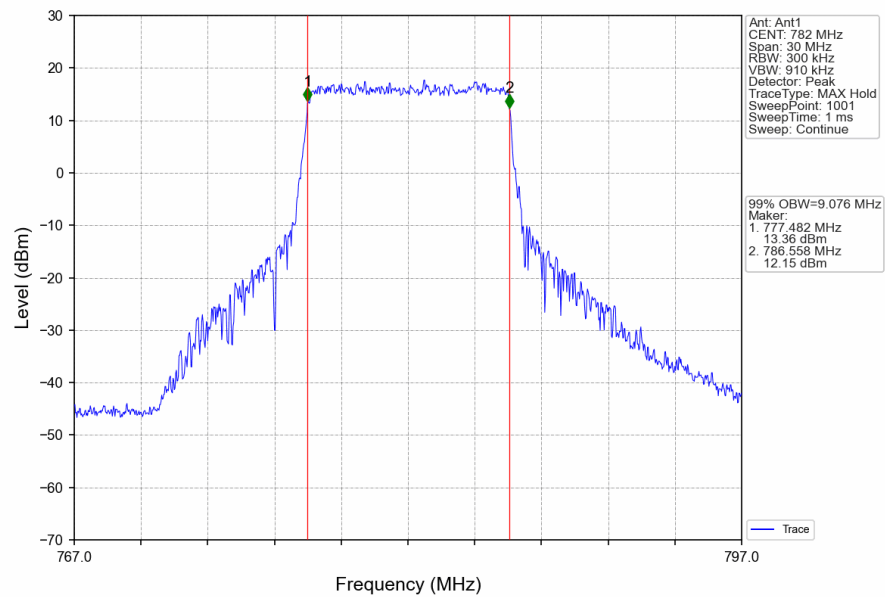
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV

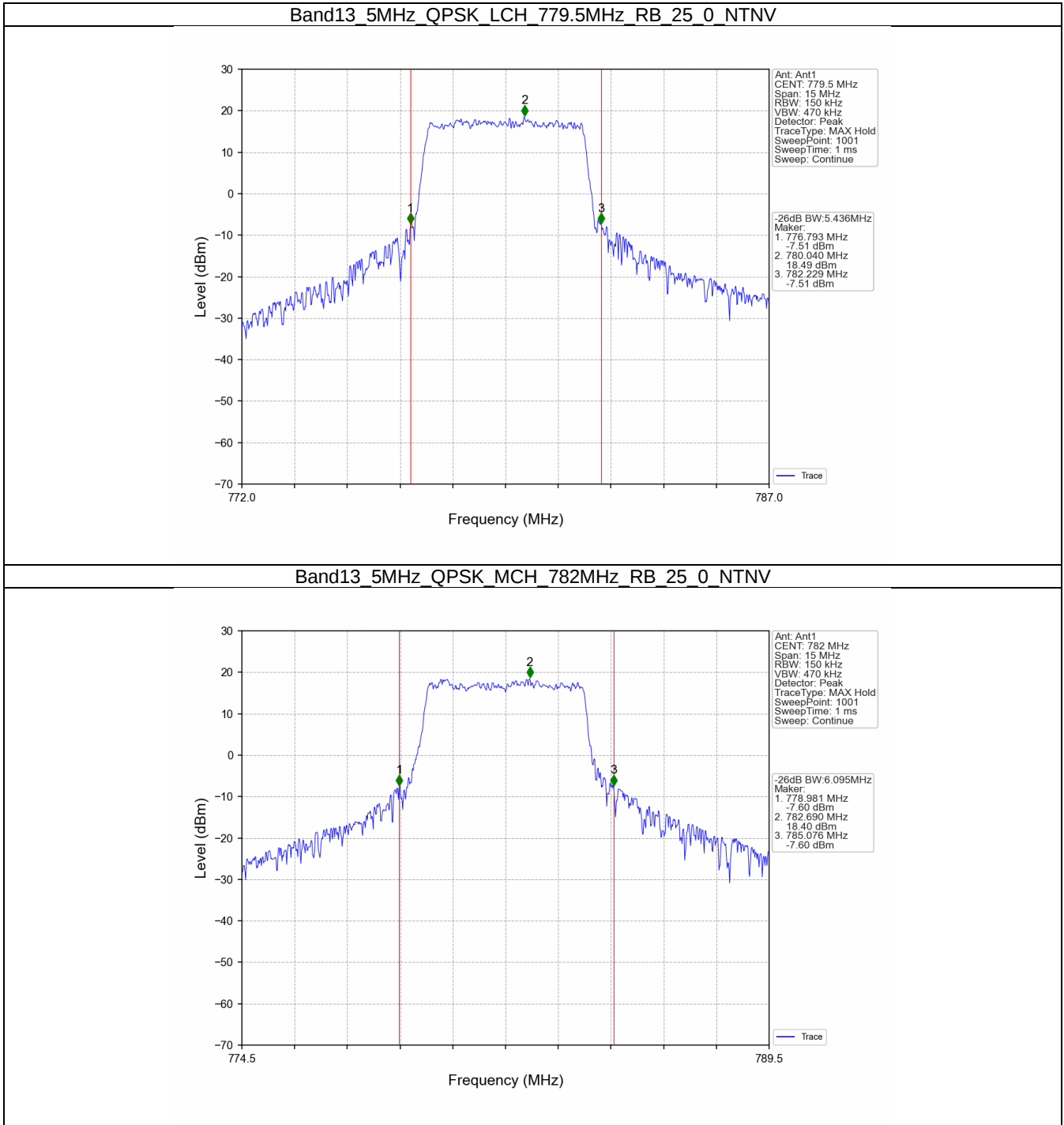


2.2 Band13_XDB

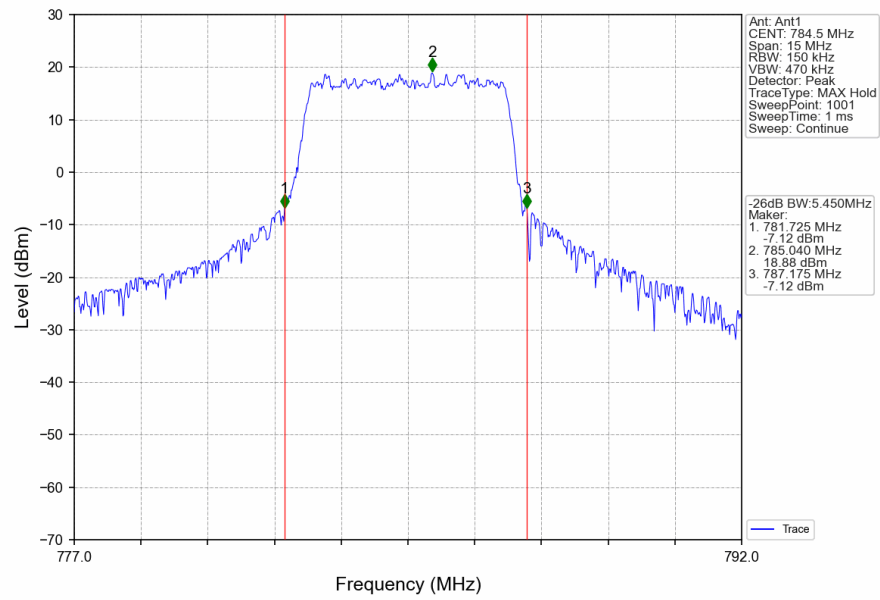
2.2.1 Test Result

Band: 13 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	779.5	25	0	5.436	/	Pass
		782	25	0	6.095	/	Pass
		784.5	25	0	5.450	/	Pass
	16QAM	779.5	25	0	5.800	/	Pass
		782	25	0	5.757	/	Pass
		784.5	25	0	5.406	/	Pass
10	QPSK	782	50	0	10.249	/	Pass
	16QAM	782	50	0	10.145	/	Pass

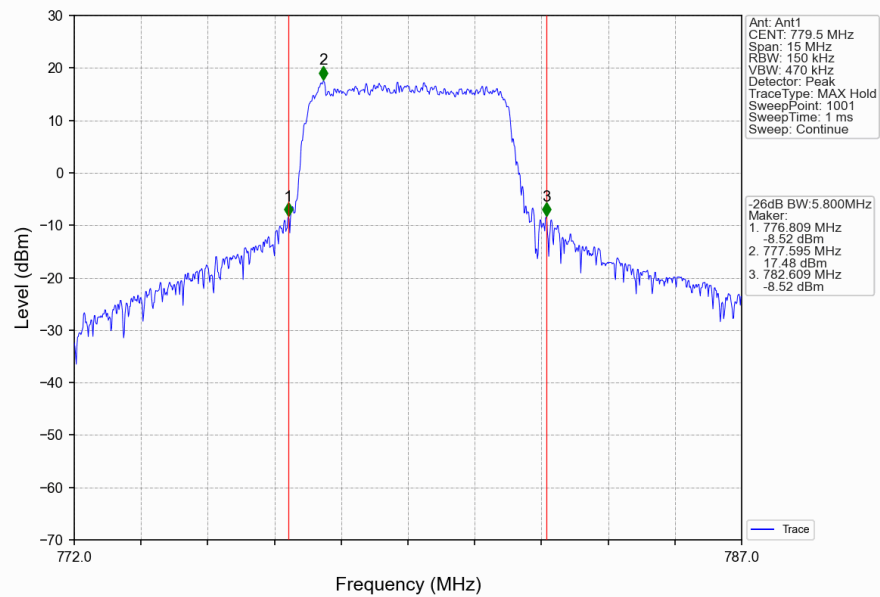
2.2.2 Test Graph



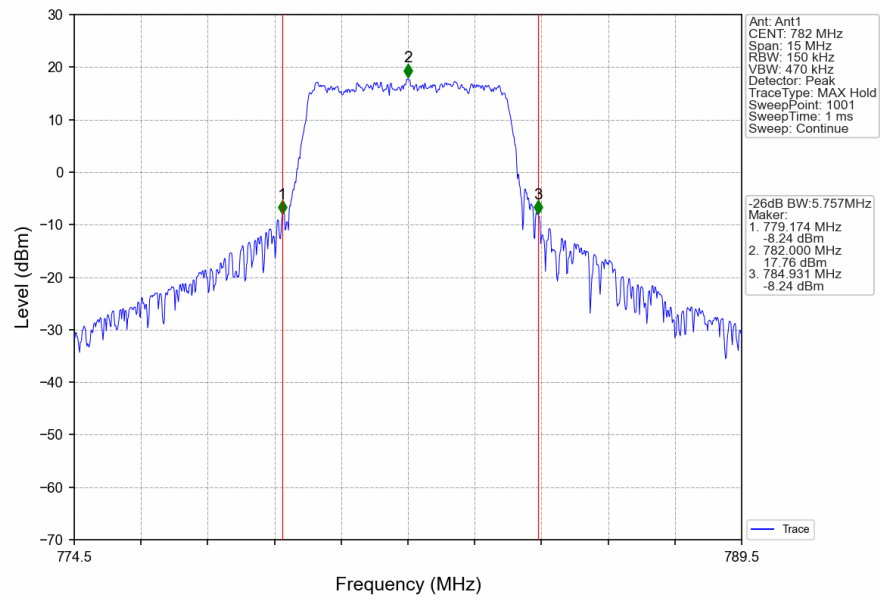
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



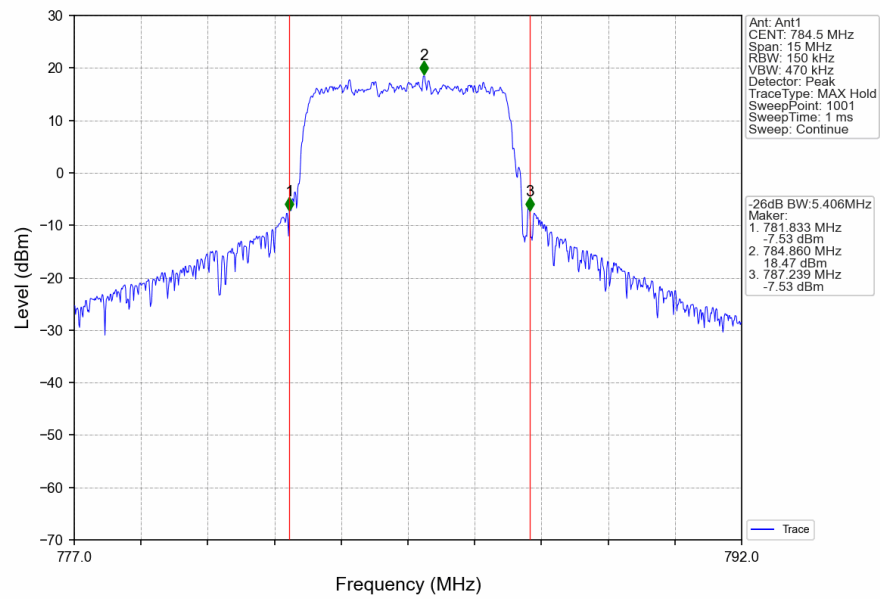
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



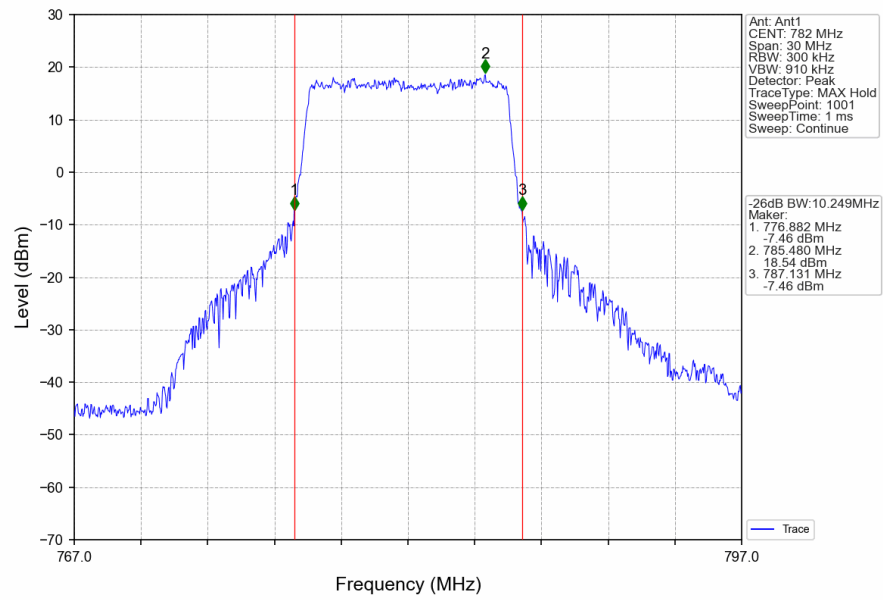
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



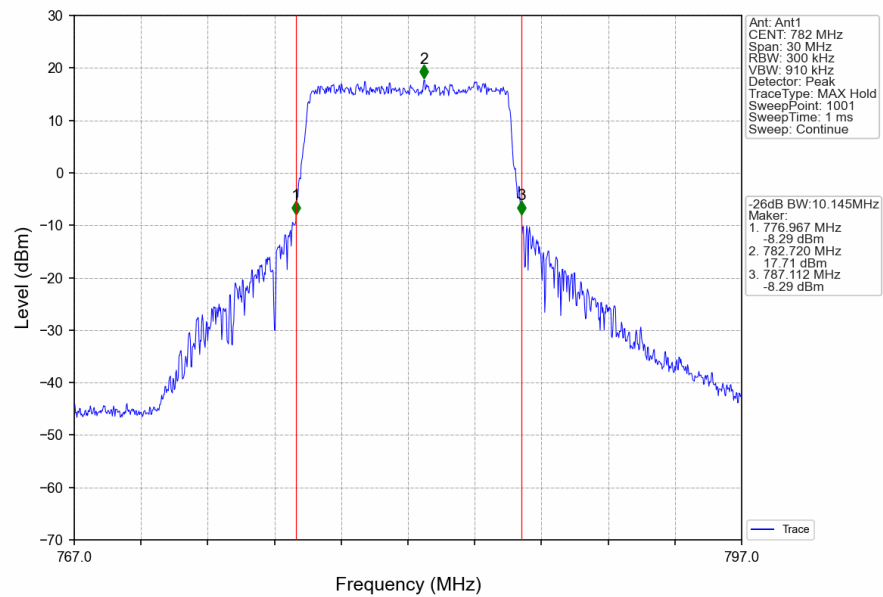
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



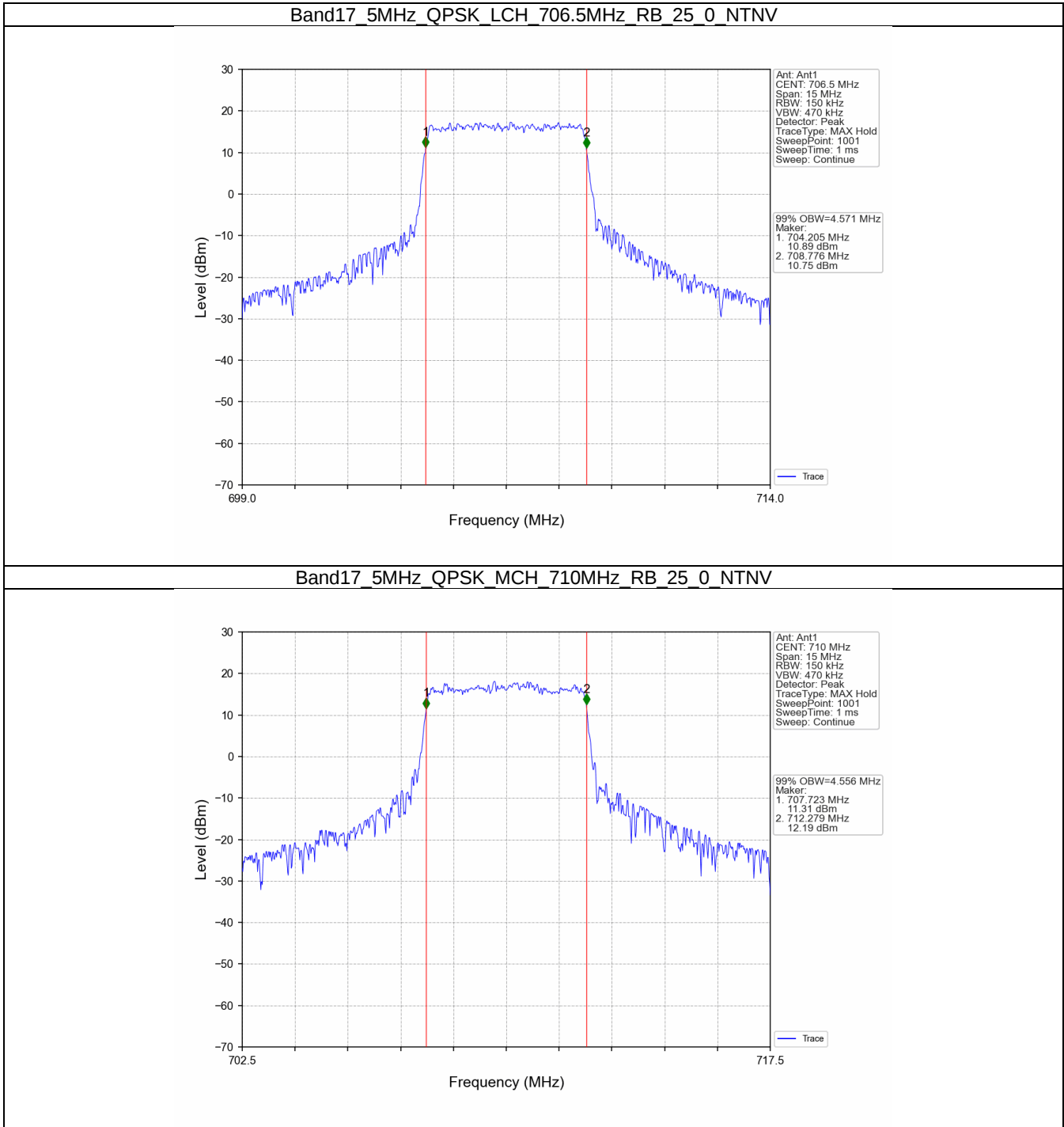
3. 99% & 26dB Bandwidth

3.1 Band17_OBW

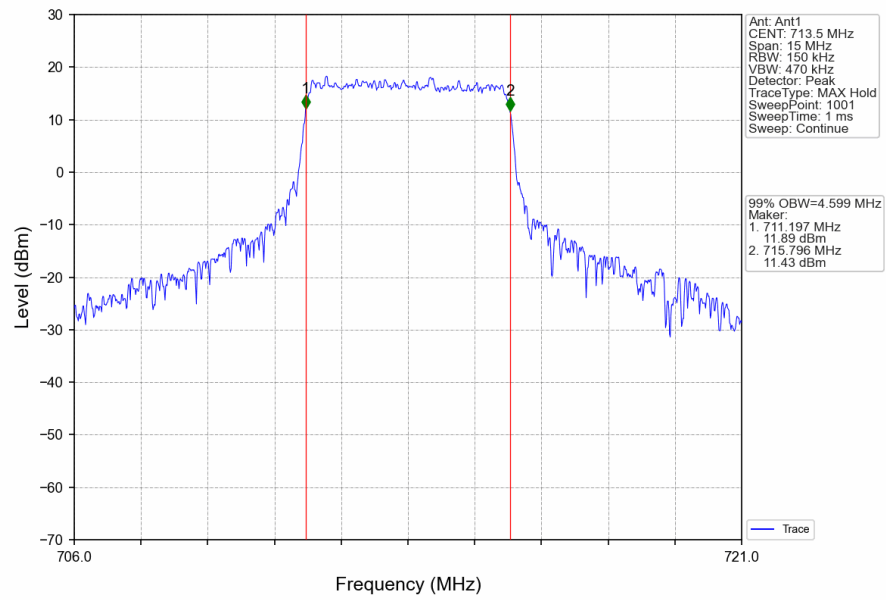
3.1.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.571	/	Pass
		710	25	0	4.556	/	Pass
		713.5	25	0	4.599	/	Pass
	16QAM	706.5	25	0	4.611	/	Pass
		710	25	0	4.612	/	Pass
		713.5	25	0	4.563	/	Pass
10	QPSK	709	50	0	9.063	/	Pass
		710	50	0	9.047	/	Pass
		711	50	0	9.084	/	Pass
	16QAM	709	50	0	9.079	/	Pass
		710	50	0	9.053	/	Pass
		711	50	0	9.080	/	Pass

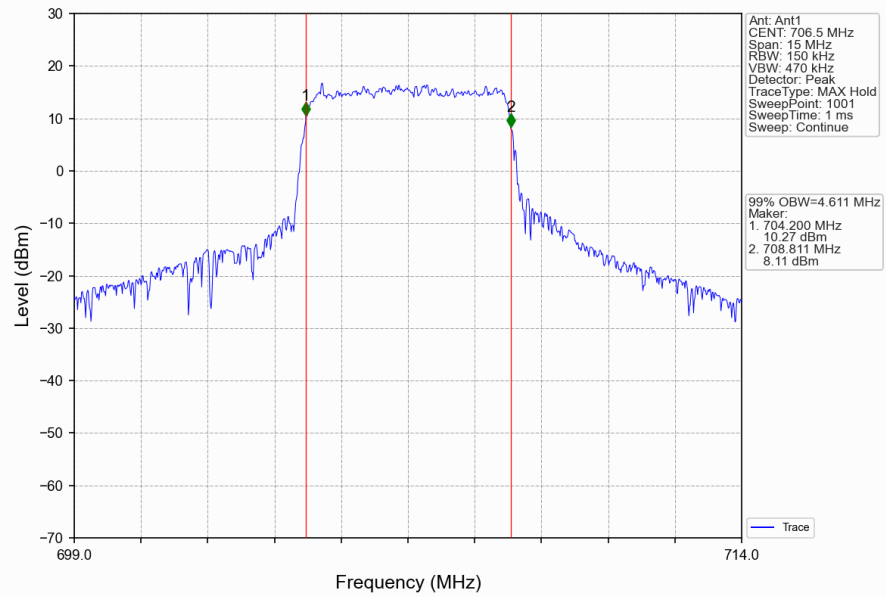
3.1.2 Test Graph



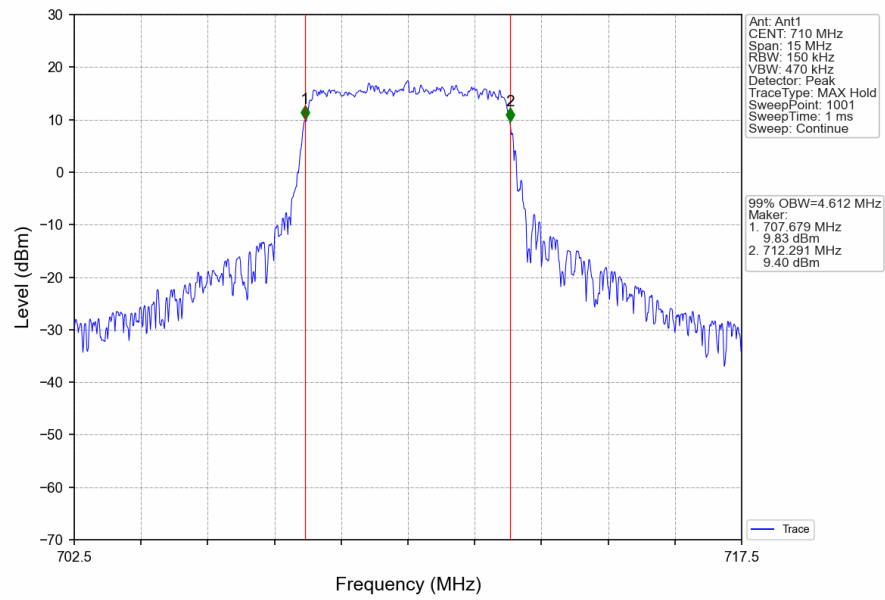
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



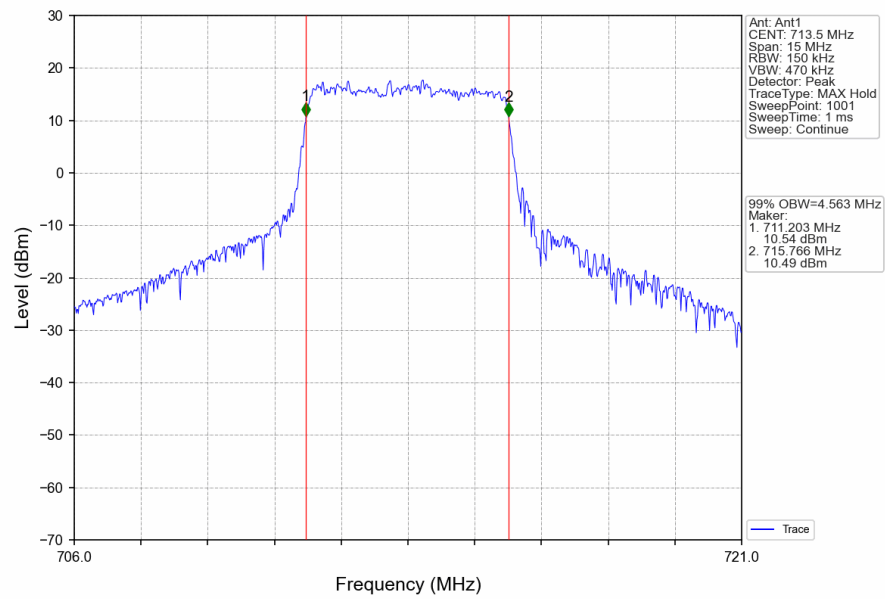
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



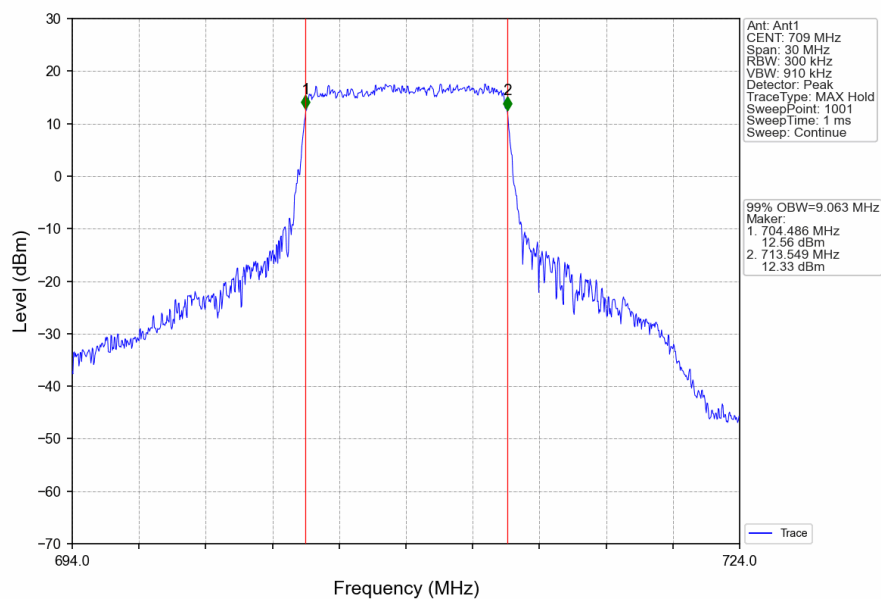
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



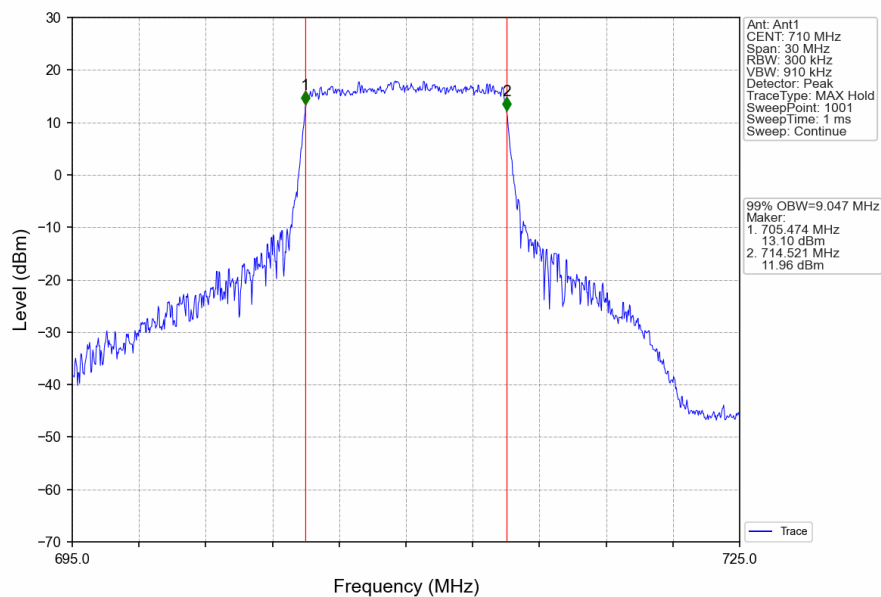
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



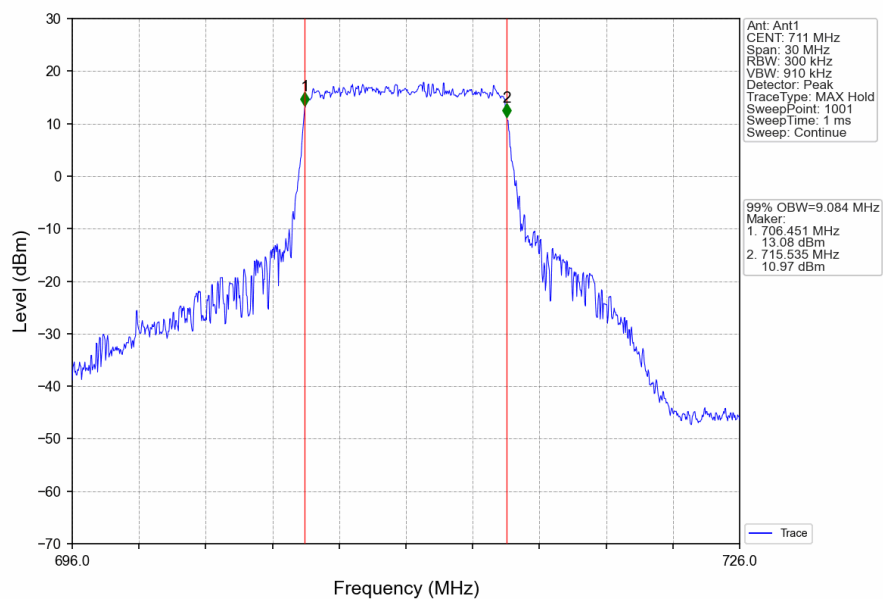
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



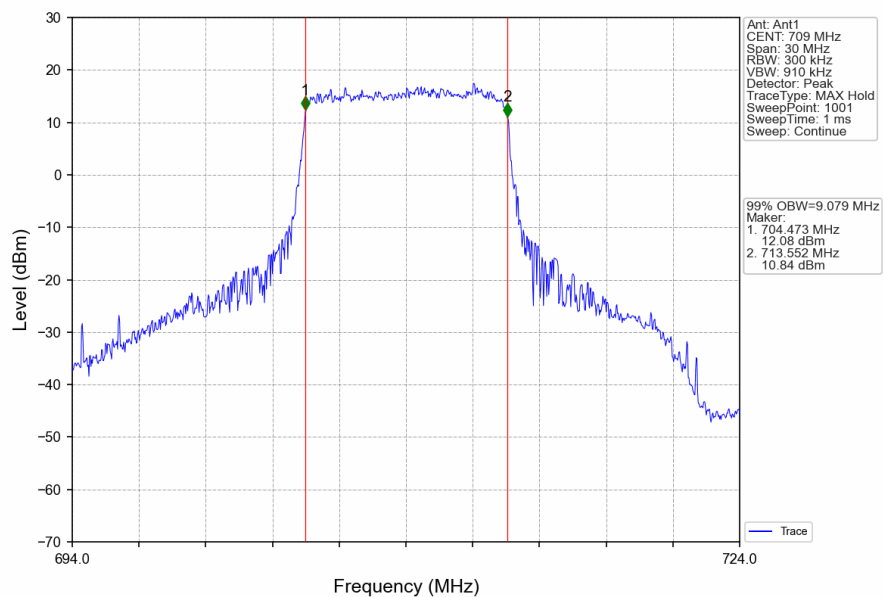
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



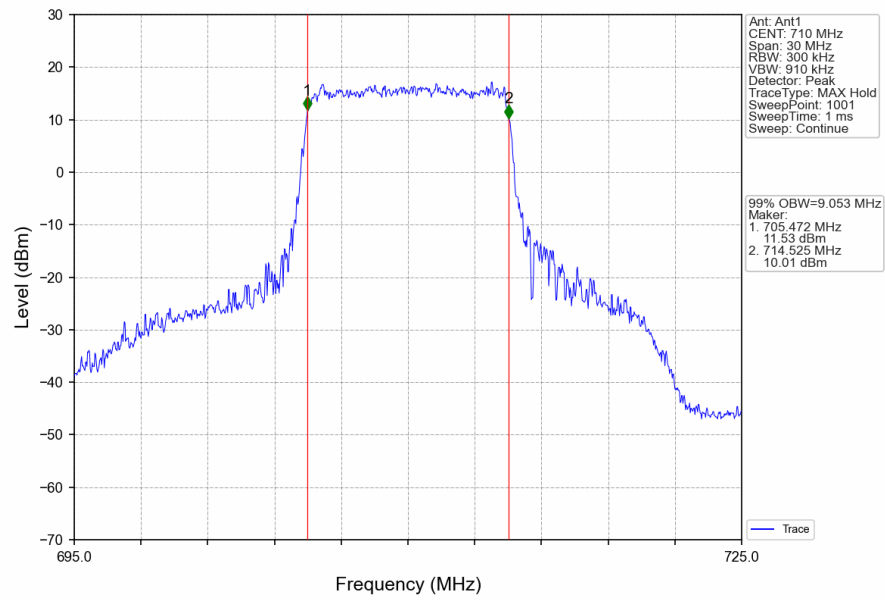
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



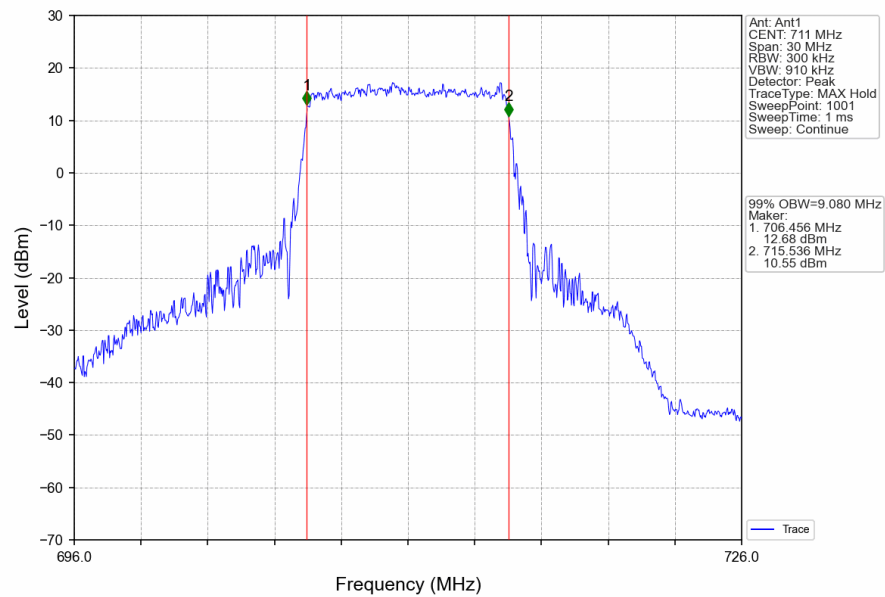
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

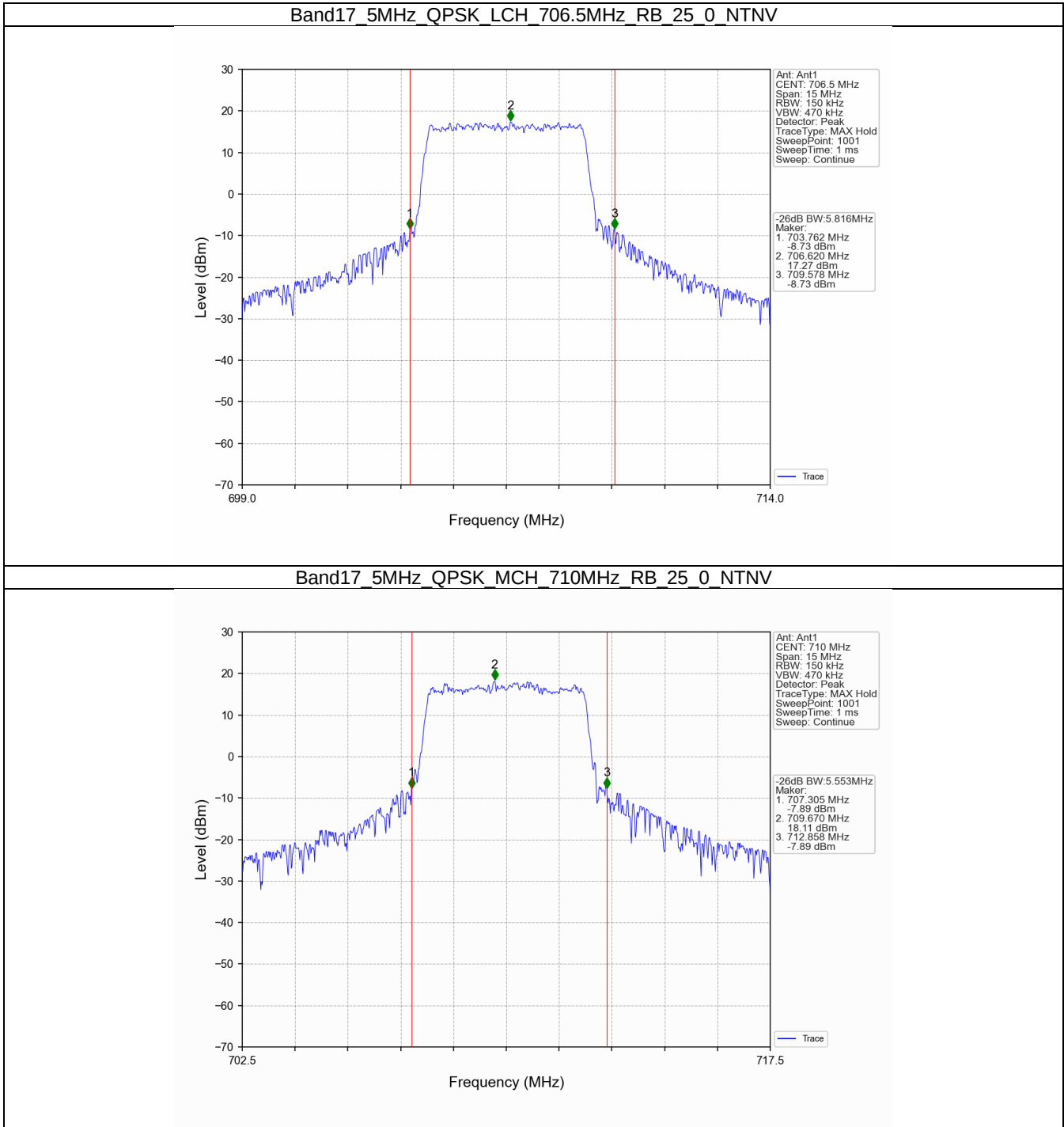


3.2 Band17_XDB

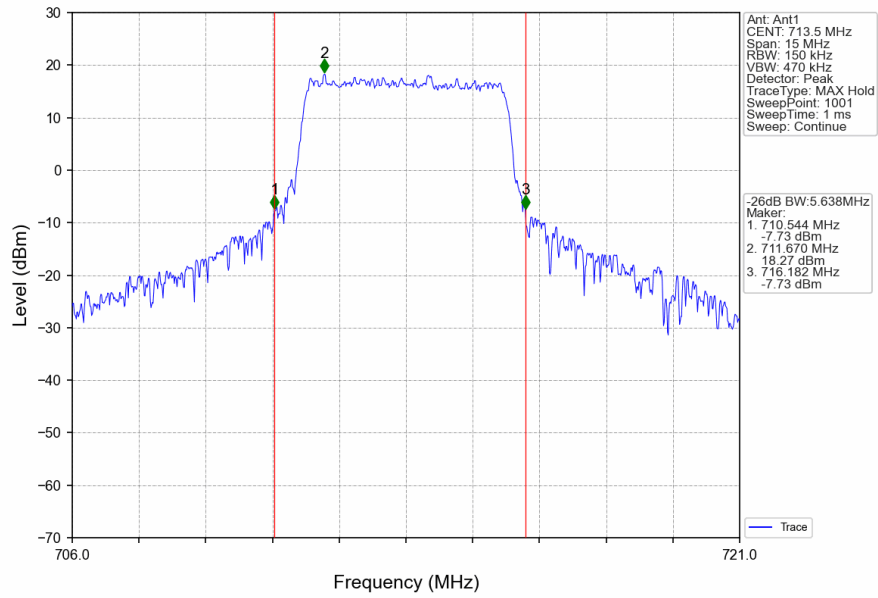
3.2.1 Test Result

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.816	/	Pass
		710	25	0	5.553	/	Pass
		713.5	25	0	5.638	/	Pass
	16QAM	706.5	25	0	6.011	/	Pass
		710	25	0	5.609	/	Pass
		713.5	25	0	5.631	/	Pass
10	QPSK	709	50	0	10.347	/	Pass
		710	50	0	10.240	/	Pass
		711	50	0	10.451	/	Pass
	16QAM	709	50	0	10.193	/	Pass
		710	50	0	10.205	/	Pass
		711	50	0	10.910	/	Pass

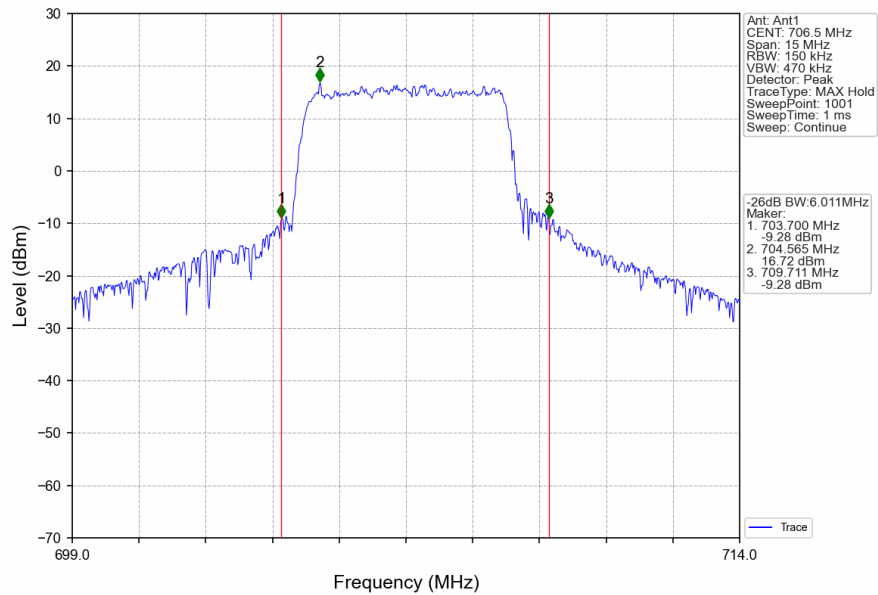
3.2.2 Test Graph



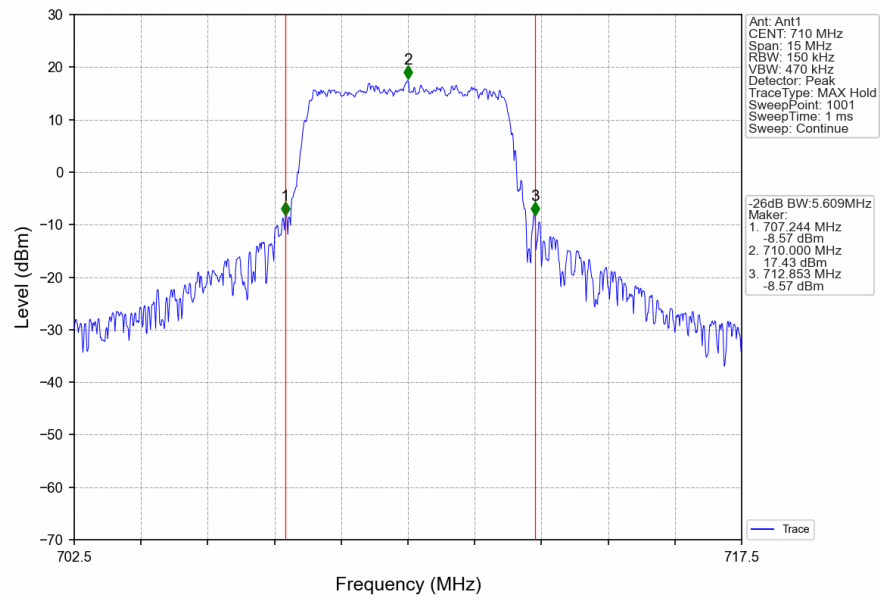
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



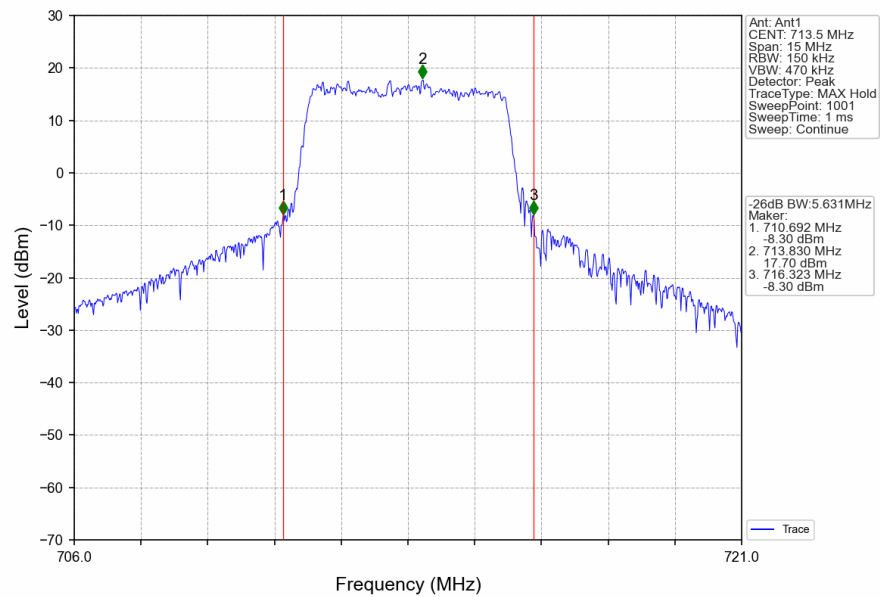
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



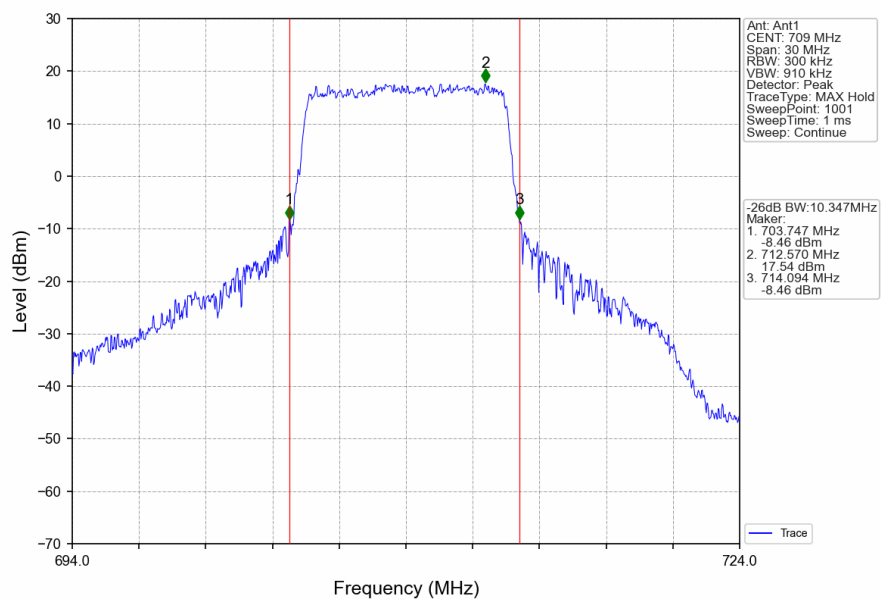
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



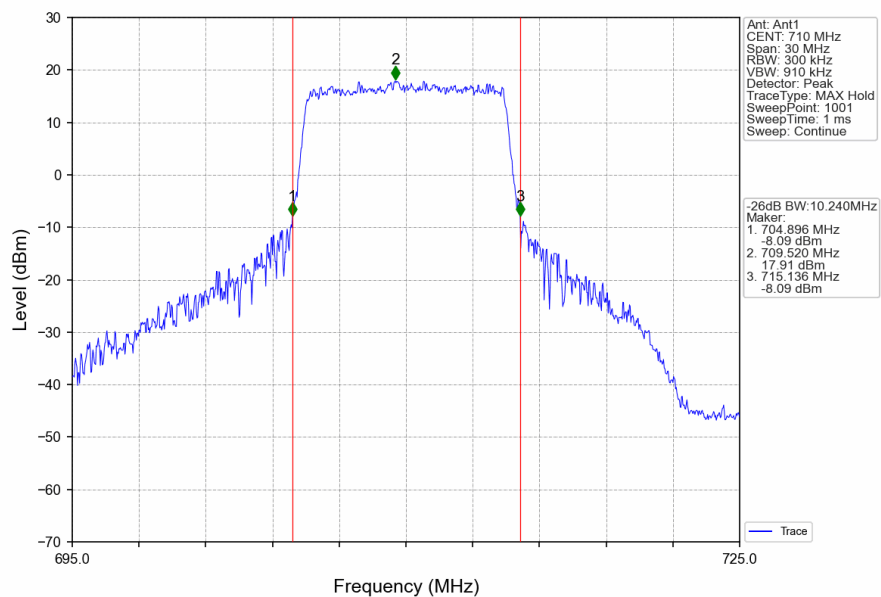
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



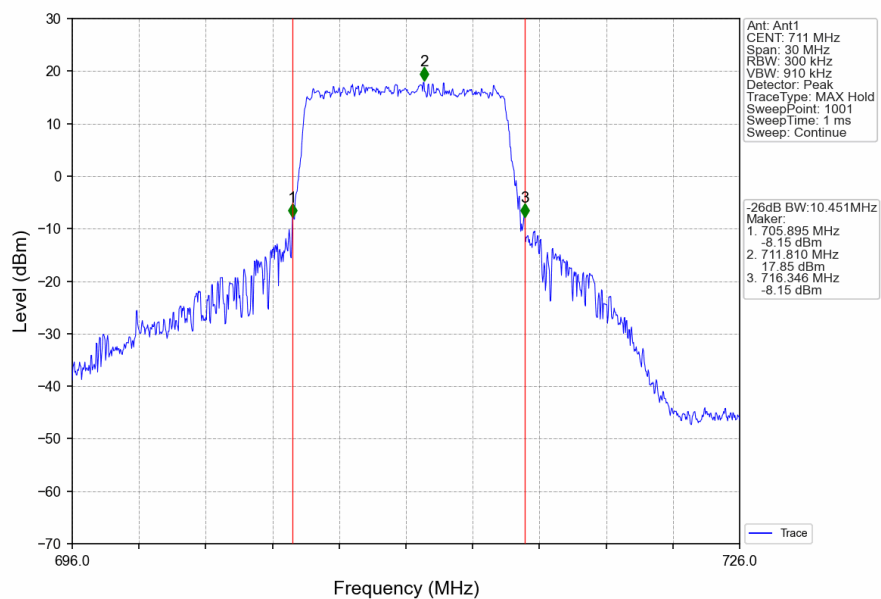
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



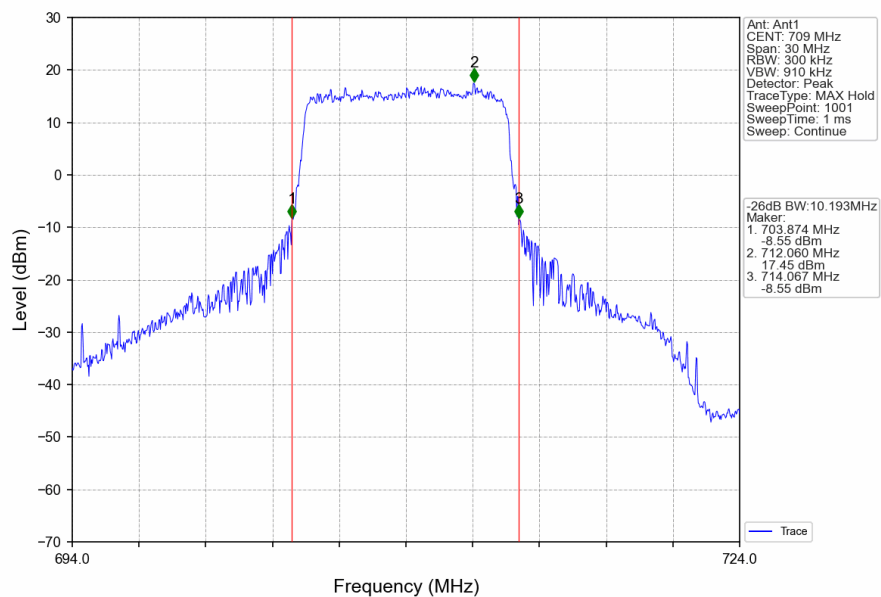
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



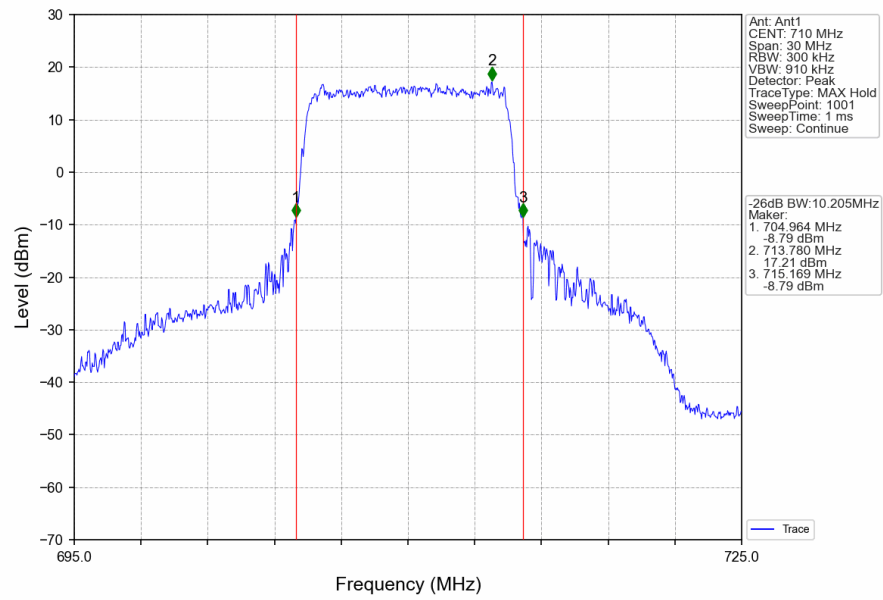
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



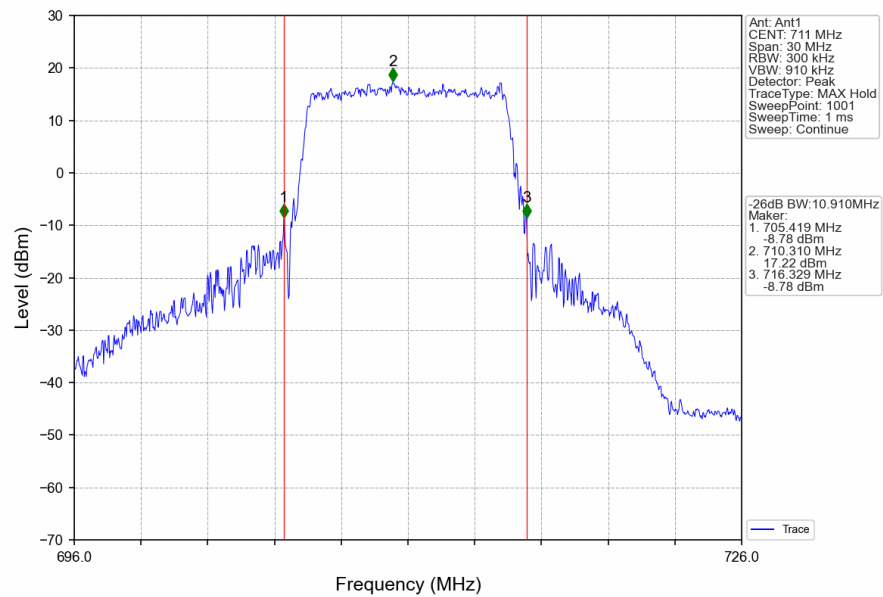
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



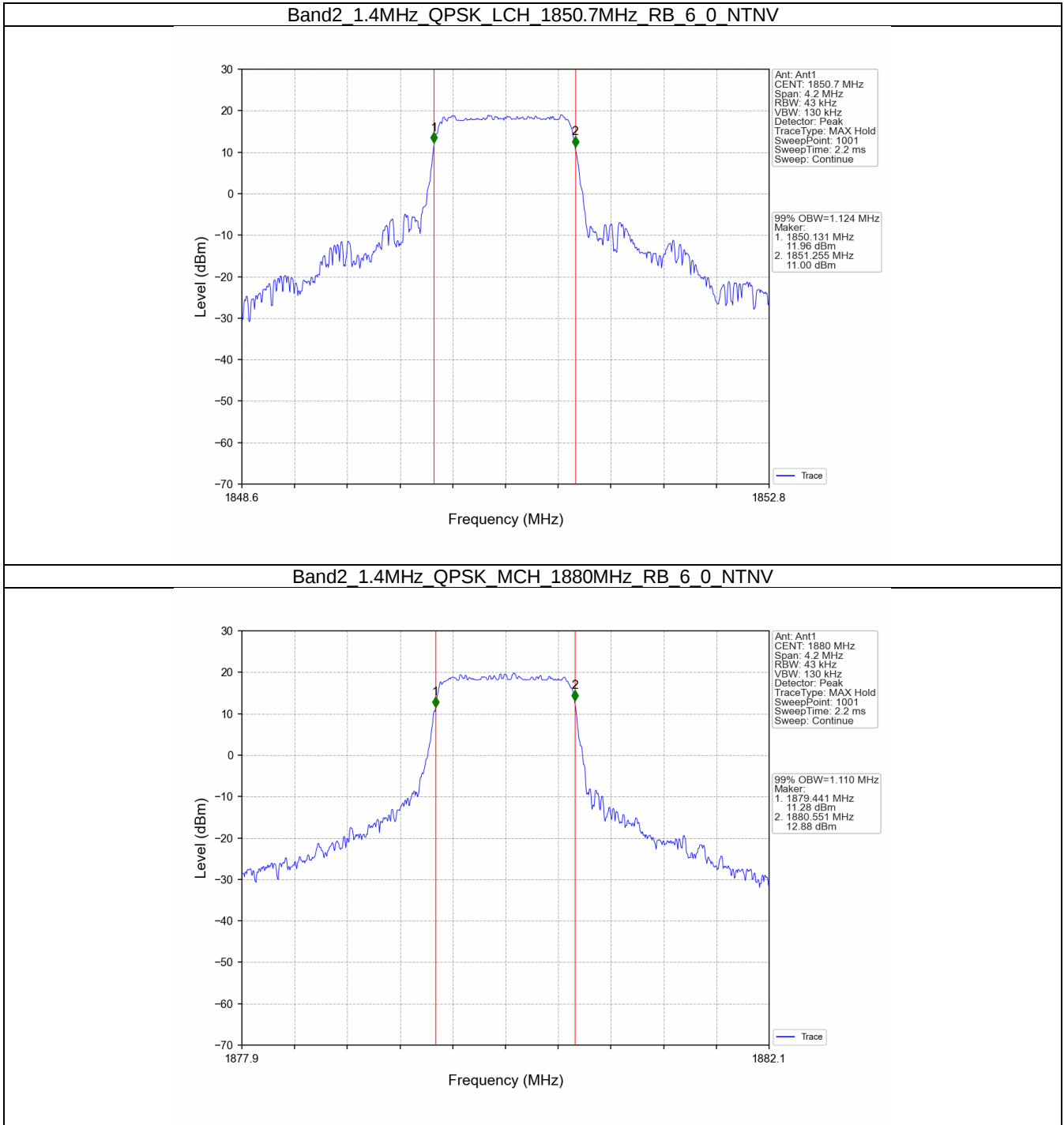
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

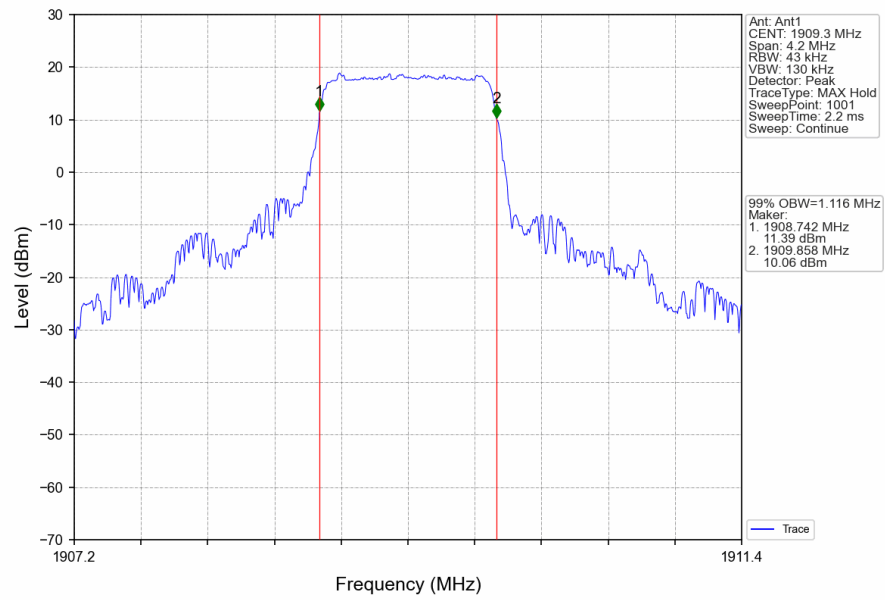
4.1.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.124	/	Pass
		1880	6	0	1.110	/	Pass
		1909.3	6	0	1.116	/	Pass
	16QAM	1850.7	6	0	1.125	/	Pass
		1880	6	0	1.120	/	Pass
		1909.3	6	0	1.118	/	Pass
3	QPSK	1851.5	15	0	2.760	/	Pass
		1880	15	0	2.779	/	Pass
		1908.5	15	0	2.776	/	Pass
	16QAM	1851.5	15	0	2.771	/	Pass
		1880	15	0	2.780	/	Pass
		1908.5	15	0	2.791	/	Pass
5	QPSK	1852.5	25	0	4.590	/	Pass
		1880	25	0	4.570	/	Pass
		1907.5	25	0	4.563	/	Pass
	16QAM	1852.5	25	0	4.578	/	Pass
		1880	25	0	4.610	/	Pass
		1907.5	25	0	4.626	/	Pass
10	QPSK	1855	50	0	9.066	/	Pass
		1880	50	0	9.064	/	Pass
		1905	50	0	9.108	/	Pass
	16QAM	1855	50	0	9.052	/	Pass
		1880	50	0	9.073	/	Pass
		1905	50	0	9.111	/	Pass
15	QPSK	1857.5	75	0	13.619	/	Pass
		1880	75	0	13.612	/	Pass
		1902.5	75	0	13.710	/	Pass
	16QAM	1857.5	75	0	13.595	/	Pass
		1880	75	0	13.630	/	Pass
		1902.5	75	0	13.697	/	Pass
20	QPSK	1860	100	0	18.198	/	Pass
		1880	100	0	18.244	/	Pass
		1900	100	0	18.271	/	Pass
	16QAM	1860	100	0	18.159	/	Pass
		1880	100	0	18.148	/	Pass
		1900	100	0	18.232	/	Pass

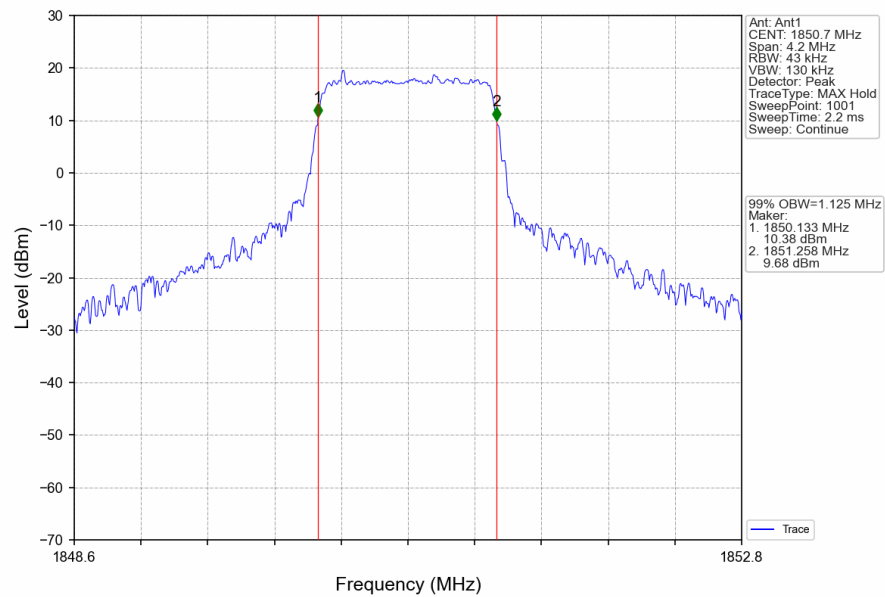
4.1.2 Test Graph



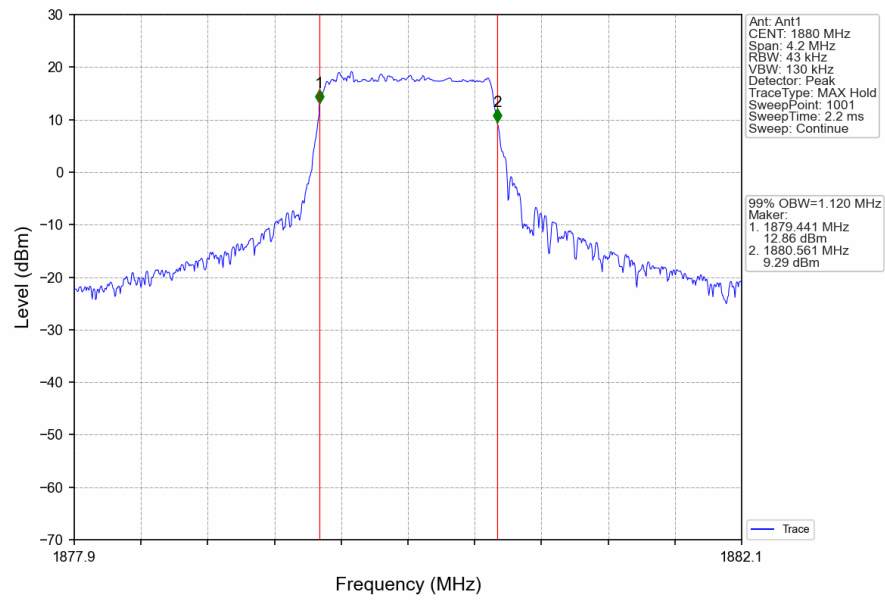
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



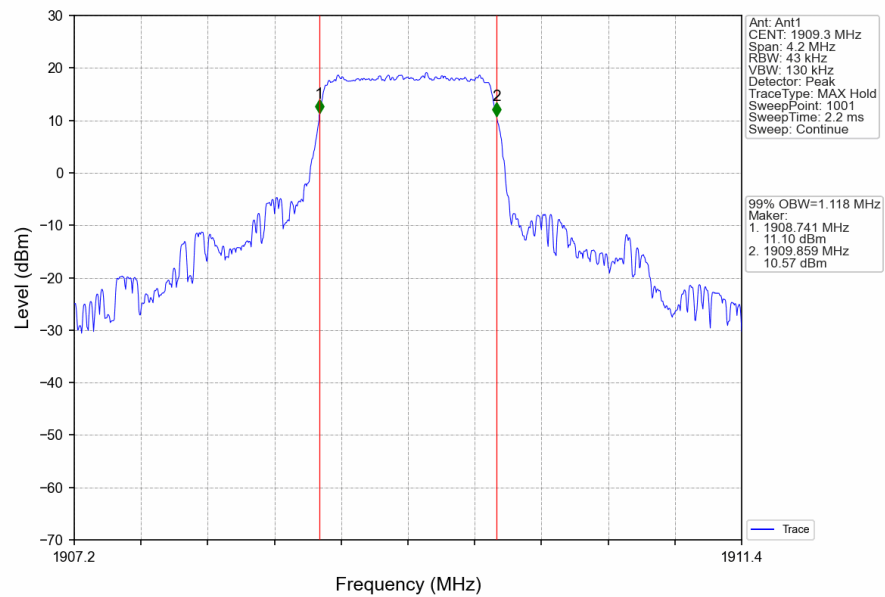
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



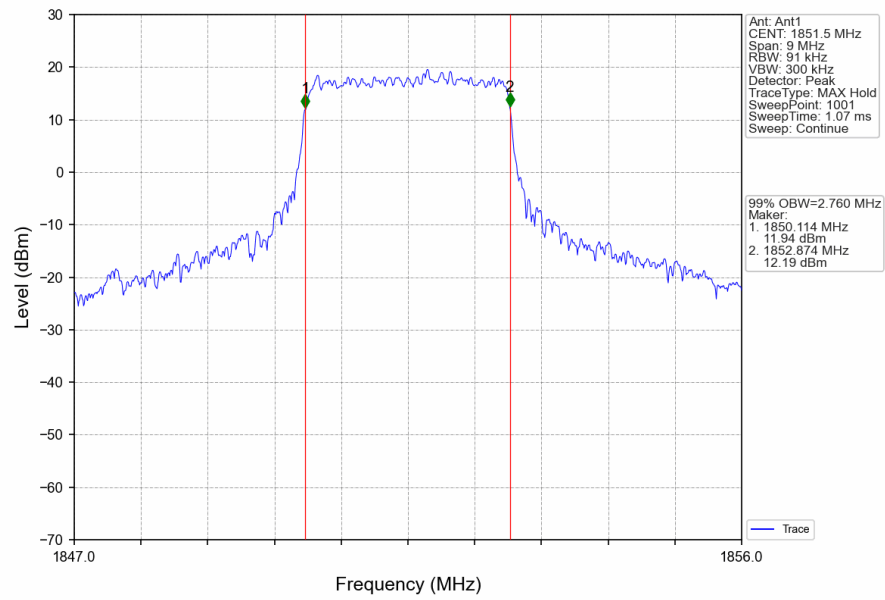
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



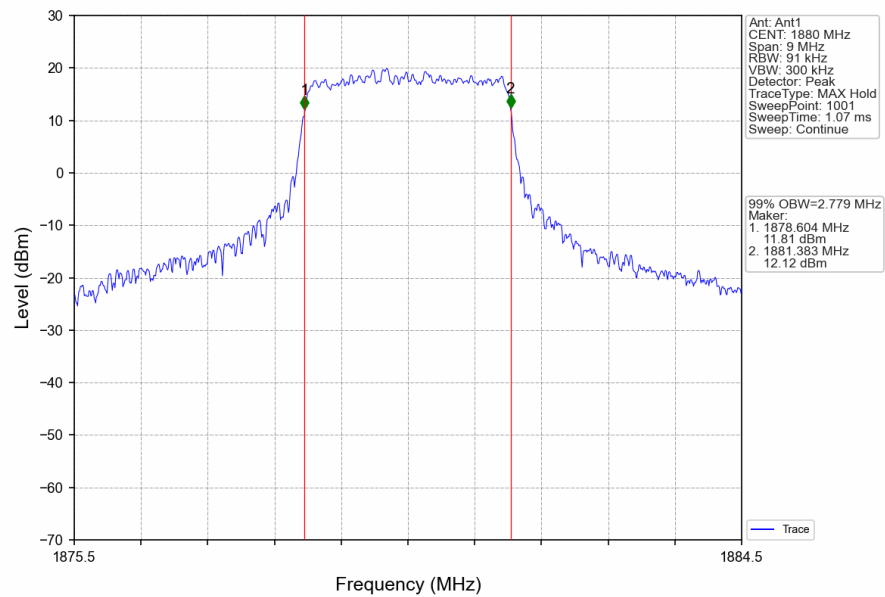
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



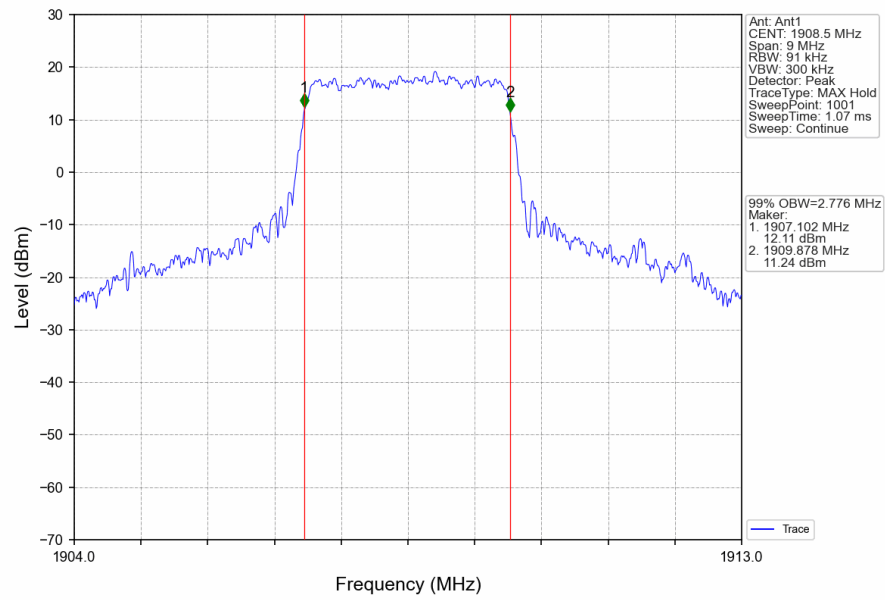
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



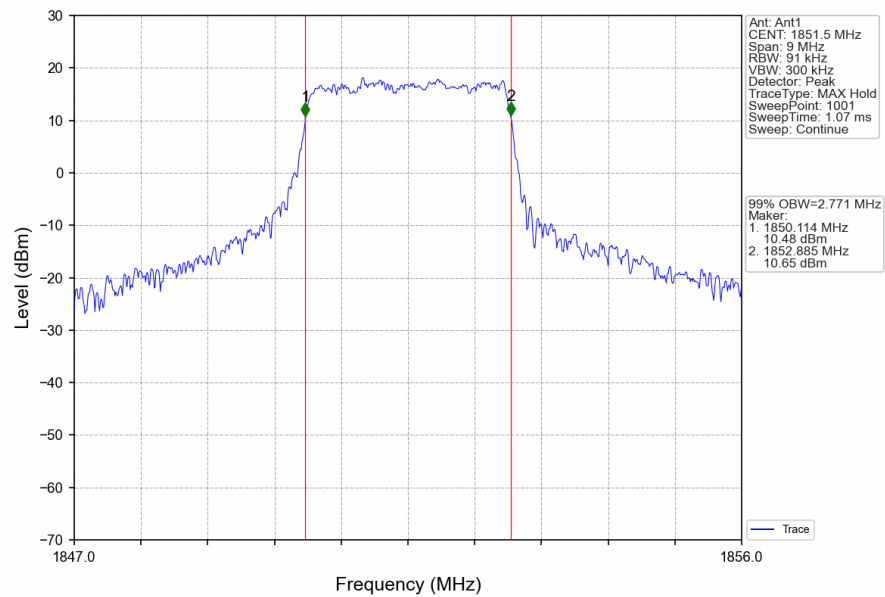
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



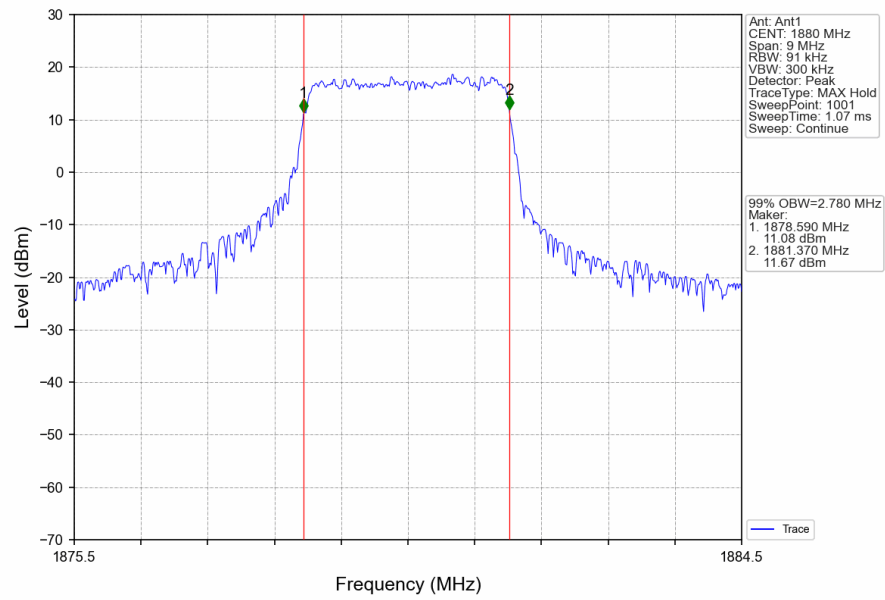
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

