

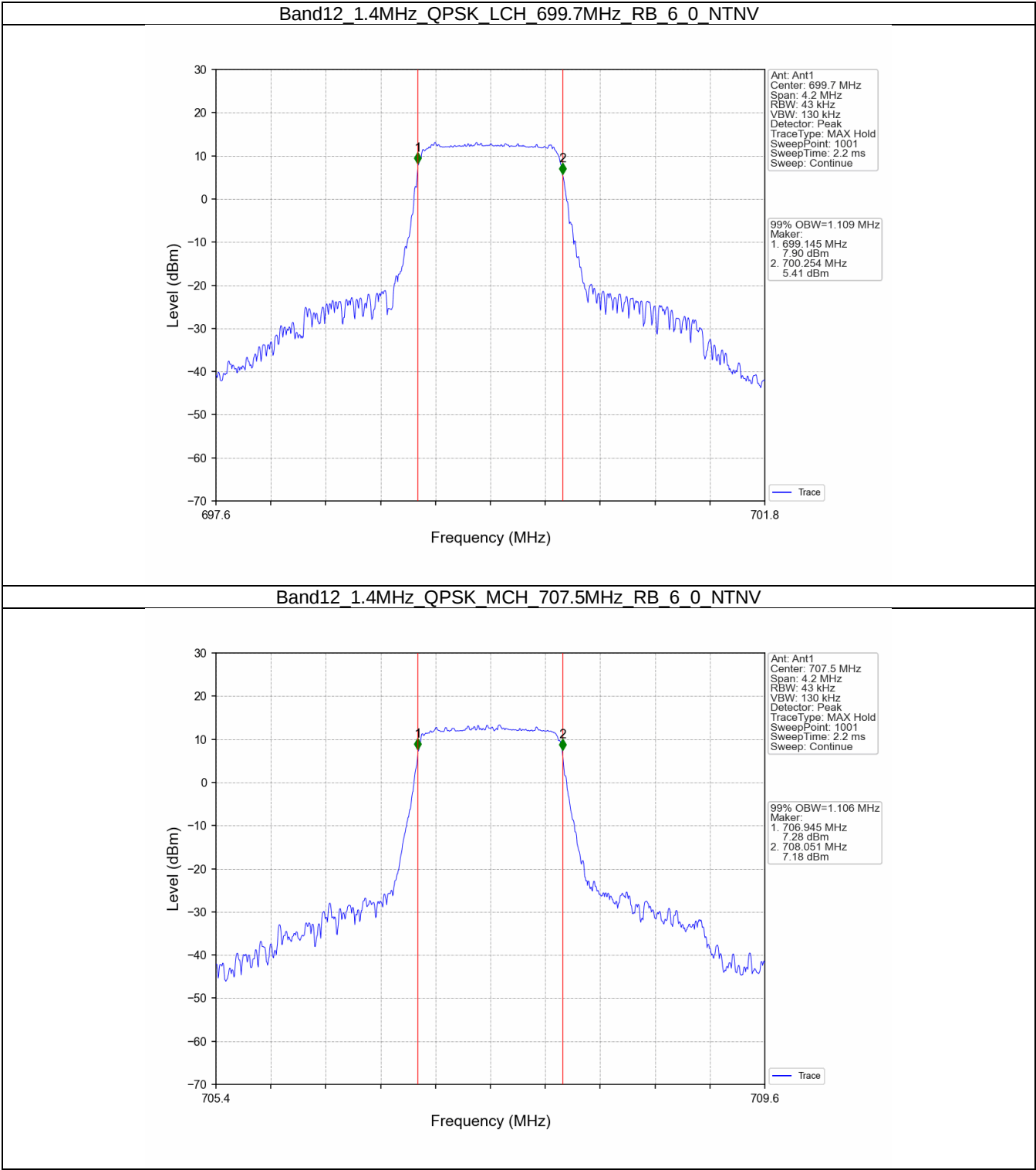
1. 99% & 26dB Bandwidth

1.1 Band12_OBW

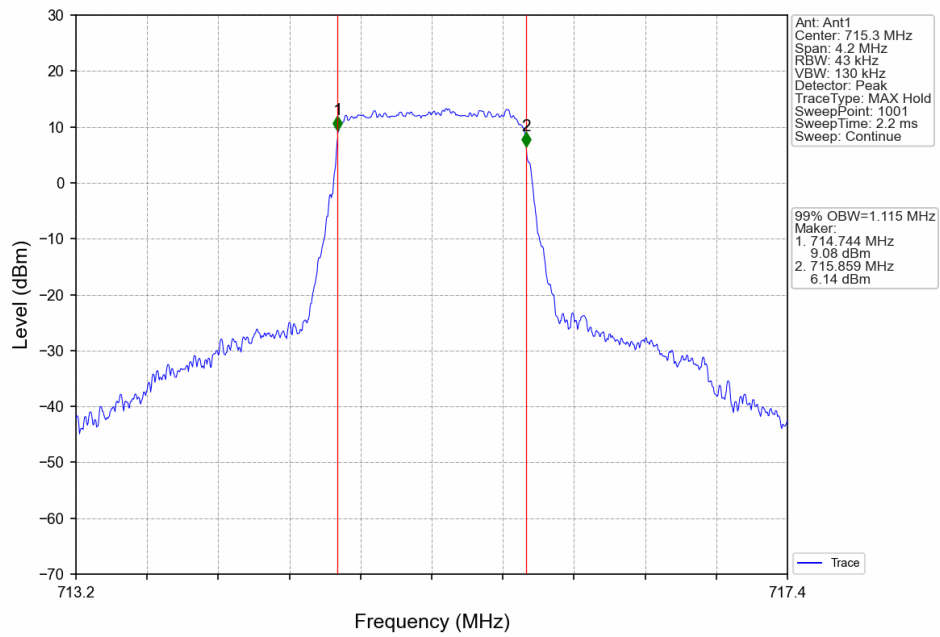
1.1.1 Test Result

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	1.109	Pass
		707.5	6	0	1.106	Pass
		715.3	6	0	1.115	Pass
	16QAM	699.7	6	0	1.113	Pass
		707.5	6	0	1.102	Pass
		715.3	6	0	1.113	Pass
3	QPSK	700.5	15	0	2.717	Pass
		707.5	15	0	2.731	Pass
		714.5	15	0	2.733	Pass
	16QAM	700.5	15	0	2.720	Pass
		707.5	15	0	2.724	Pass
		714.5	15	0	2.718	Pass
5	QPSK	701.5	25	0	4.575	Pass
		707.5	25	0	4.566	Pass
		713.5	25	0	4.578	Pass
	16QAM	701.5	25	0	4.559	Pass
		707.5	25	0	4.570	Pass
		713.5	25	0	4.586	Pass
10	QPSK	704	50	0	9.122	Pass
		707.5	50	0	9.073	Pass
		711	50	0	9.093	Pass
	16QAM	704	50	0	9.117	Pass
		707.5	50	0	9.077	Pass
		711	50	0	9.054	Pass

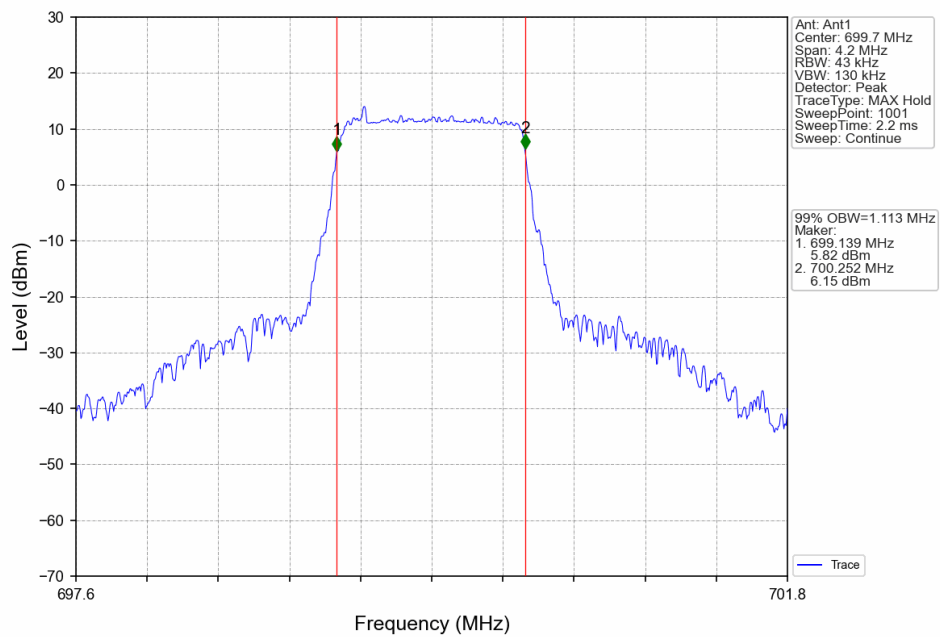
1.1.2 Test Graph



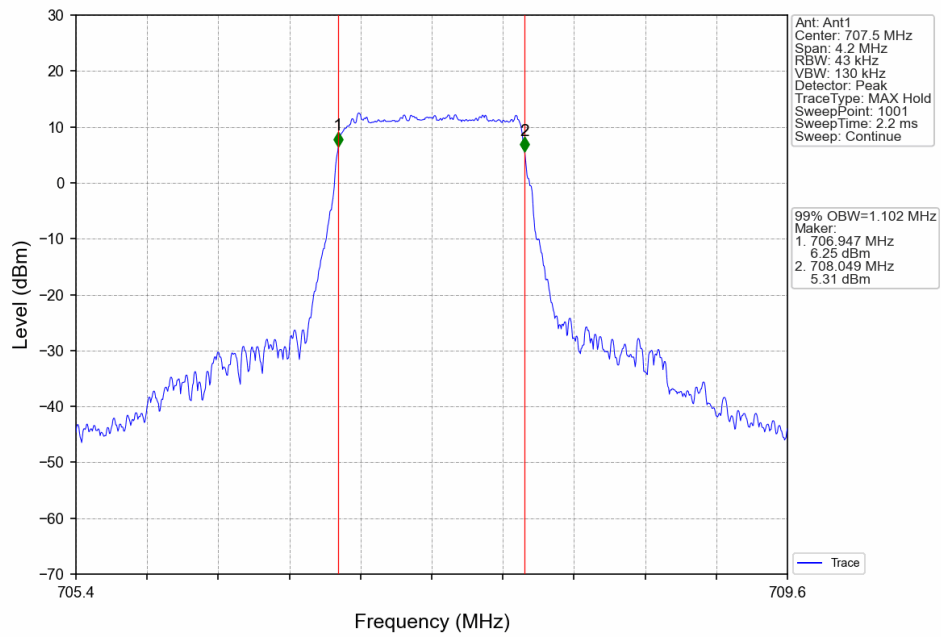
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



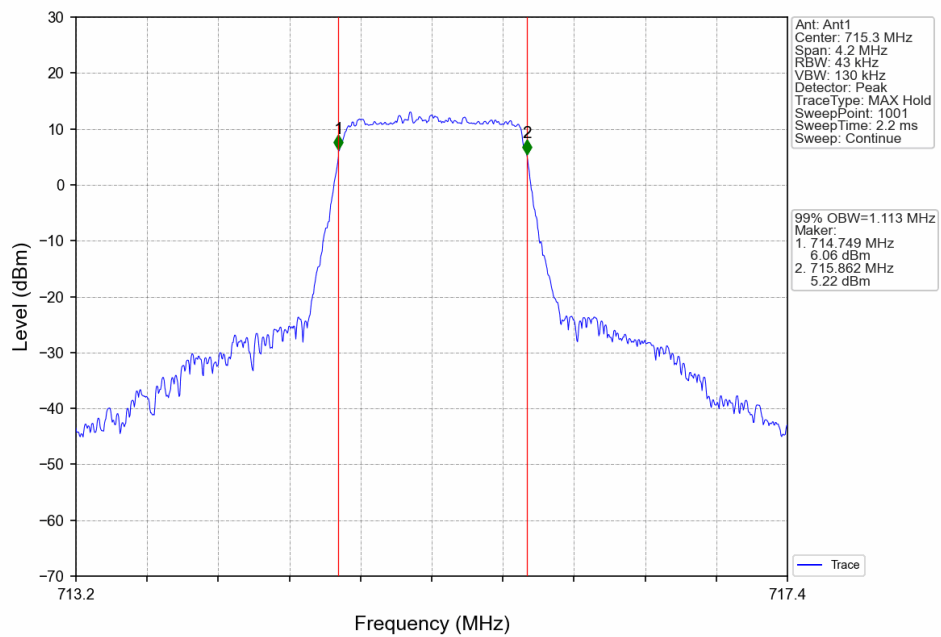
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



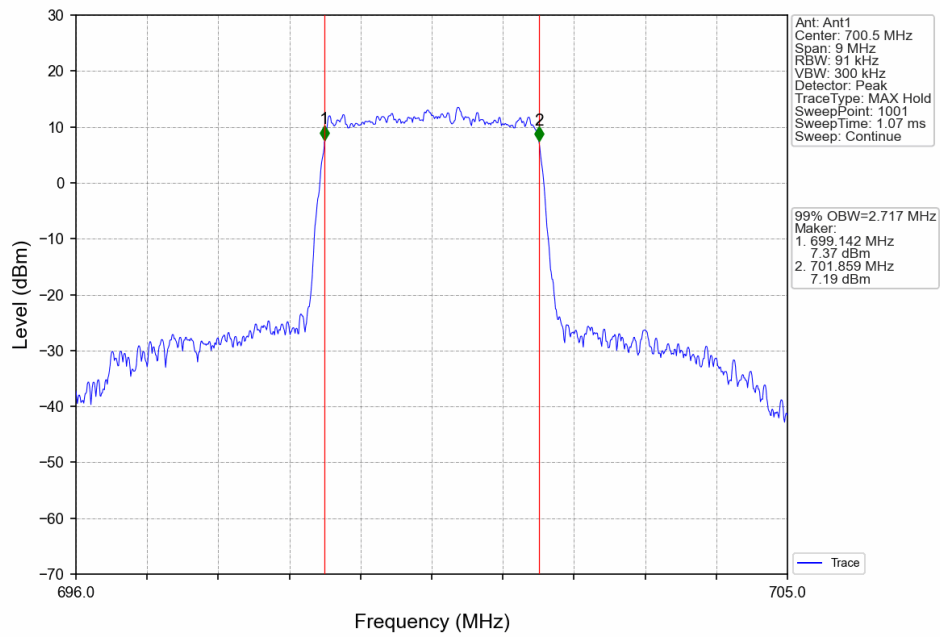
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTV



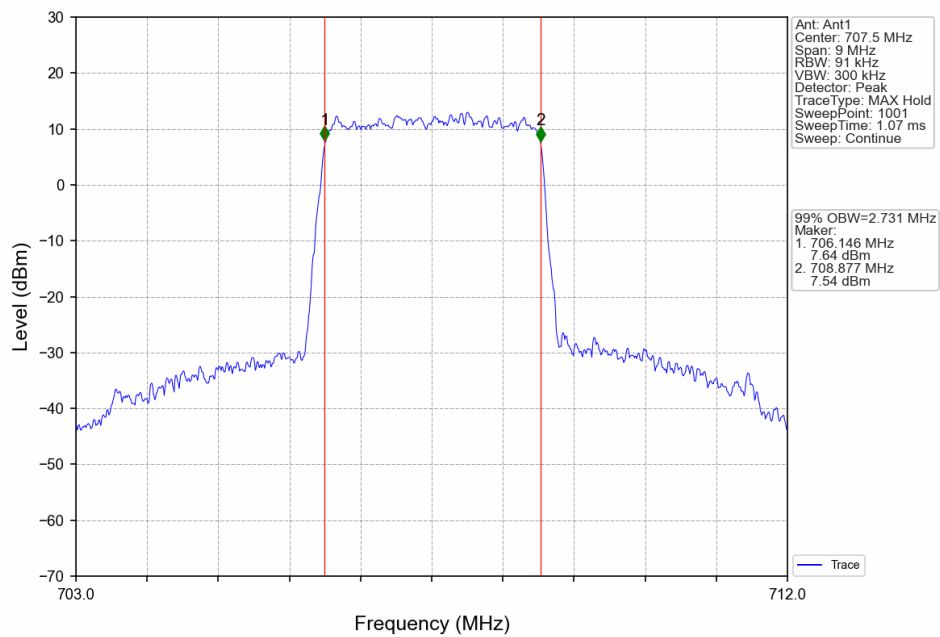
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTV



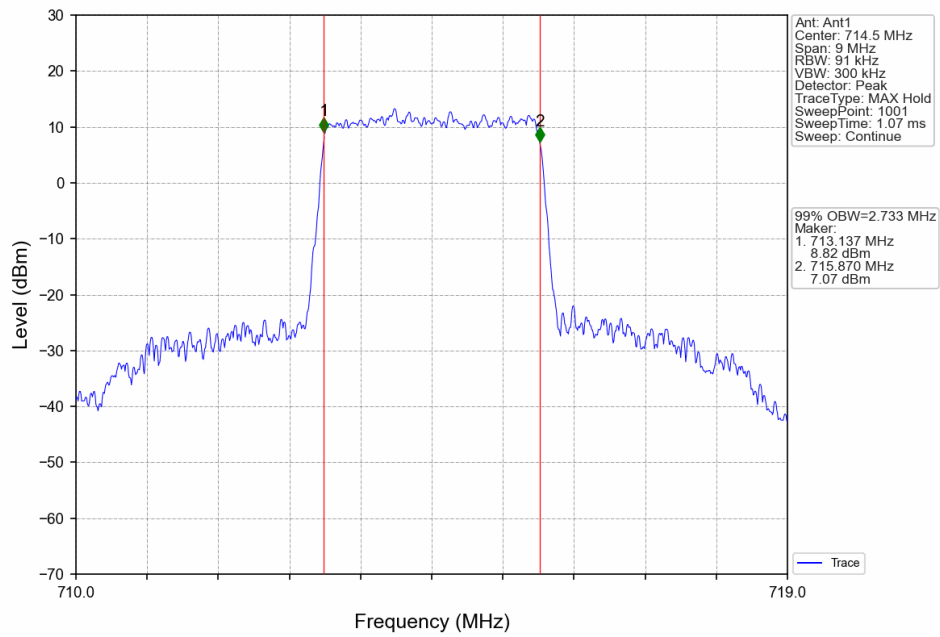
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



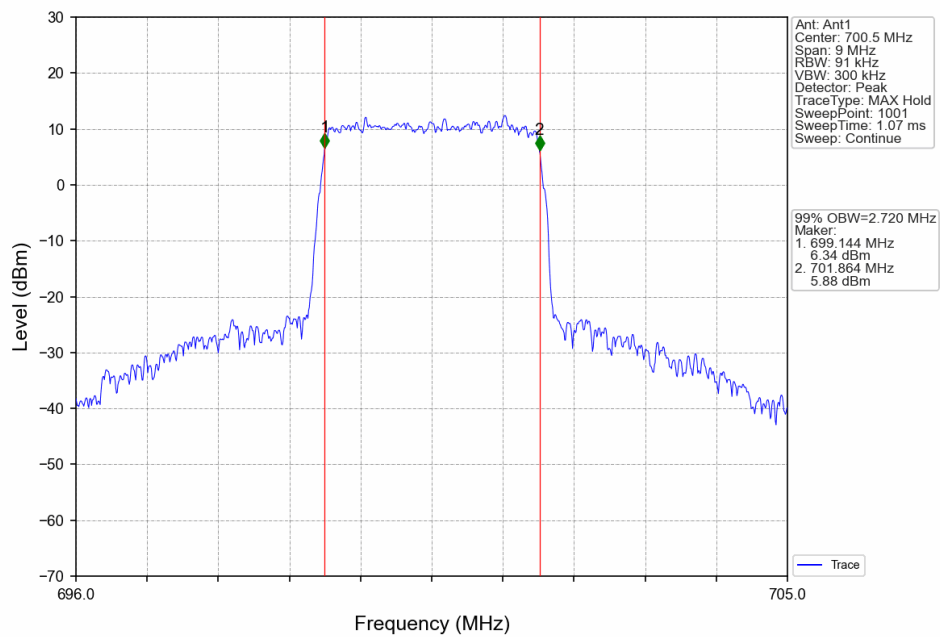
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



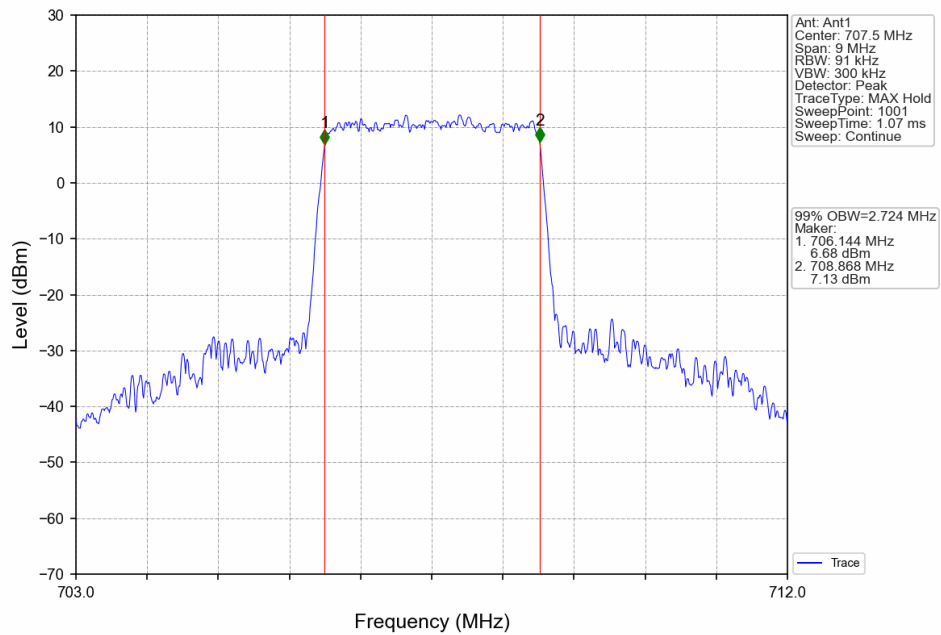
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



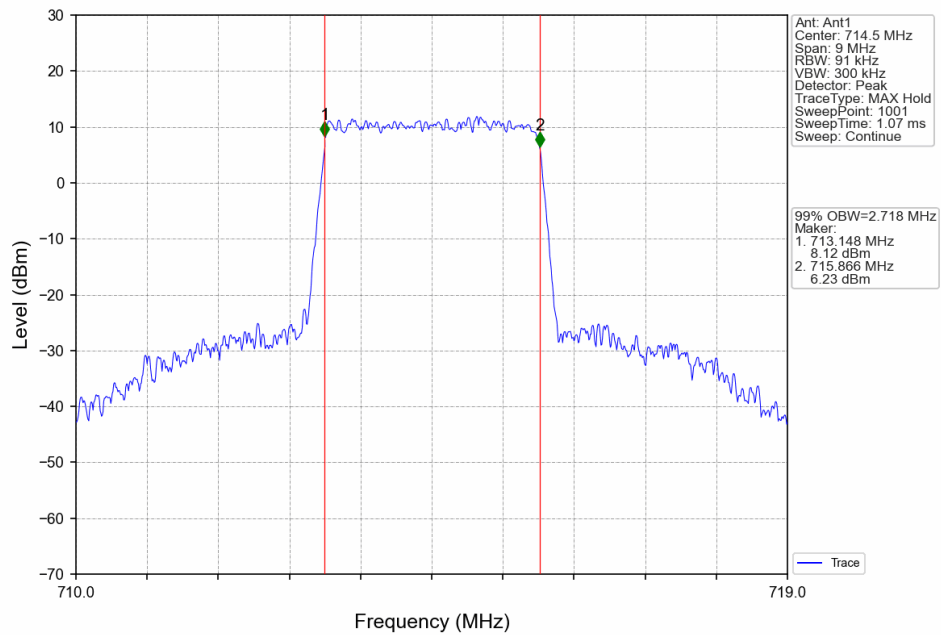
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



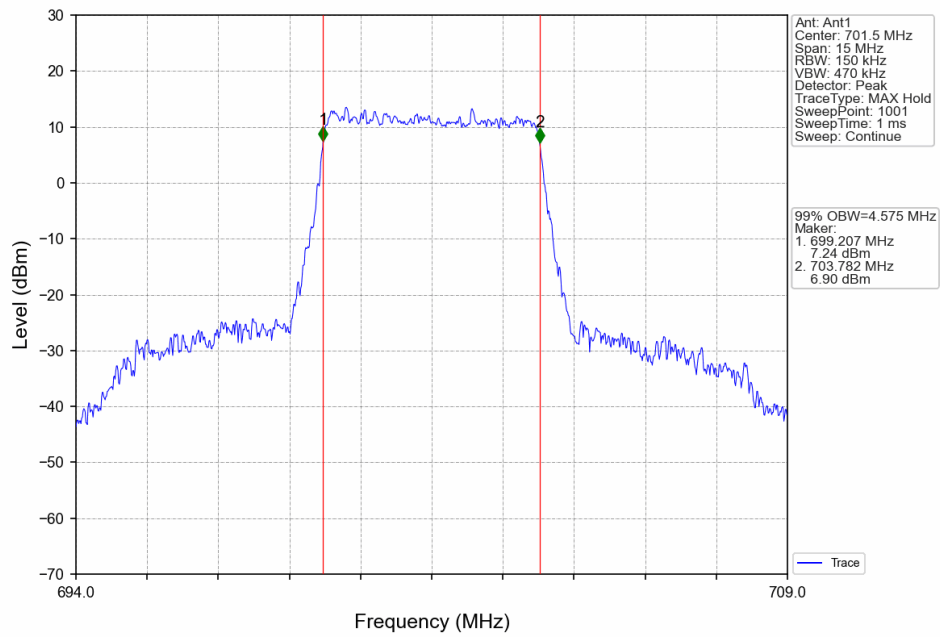
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



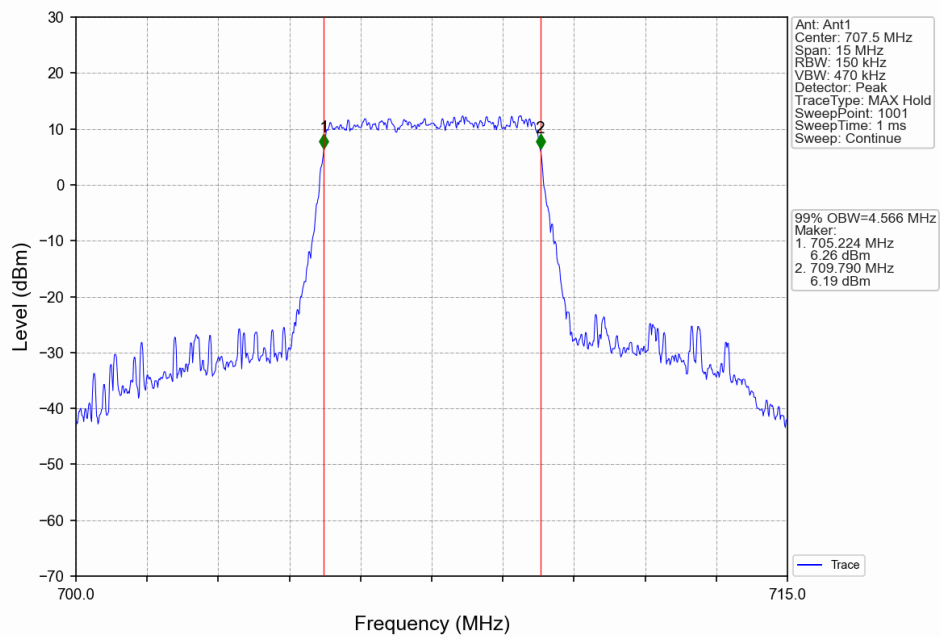
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



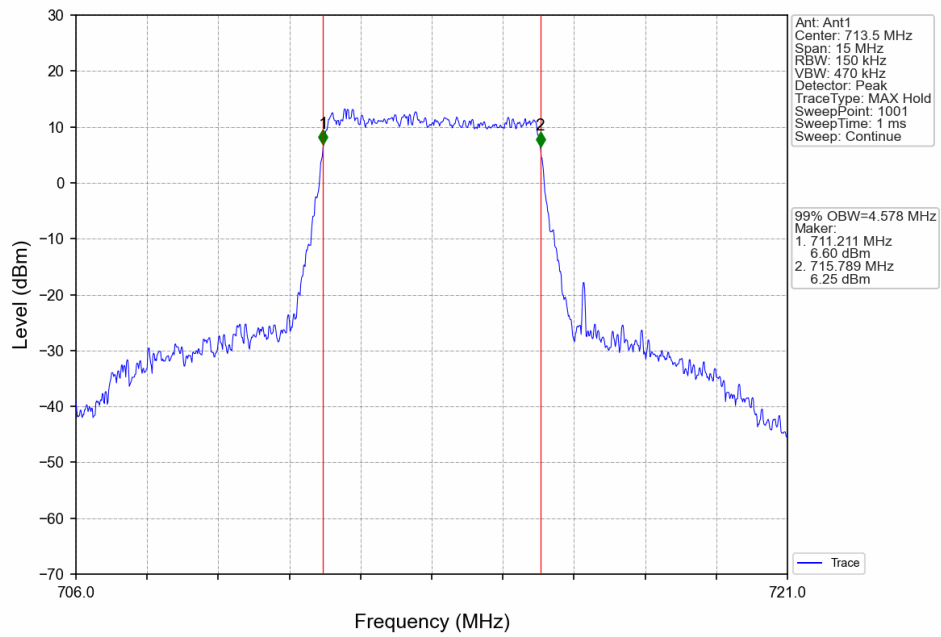
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



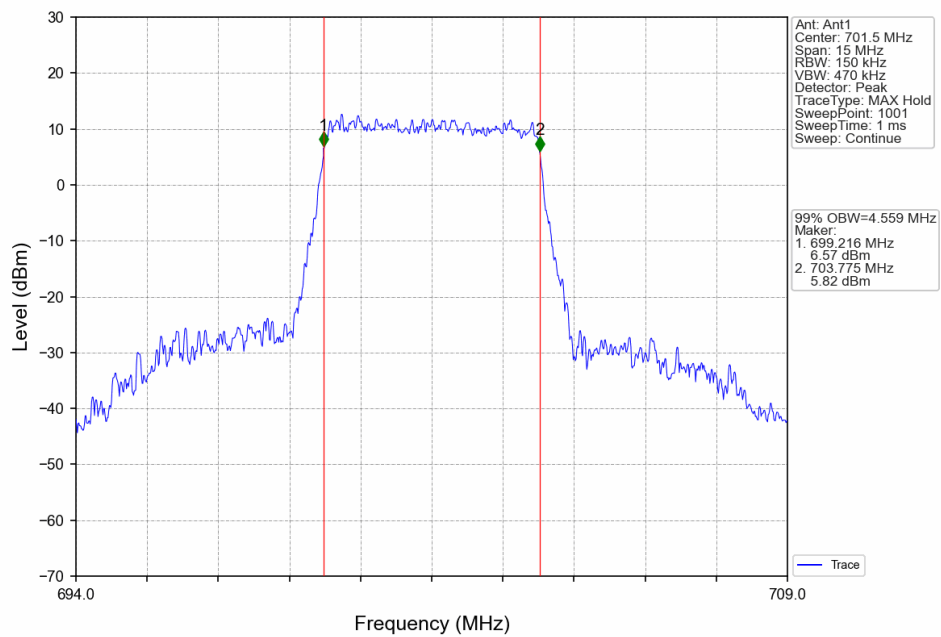
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



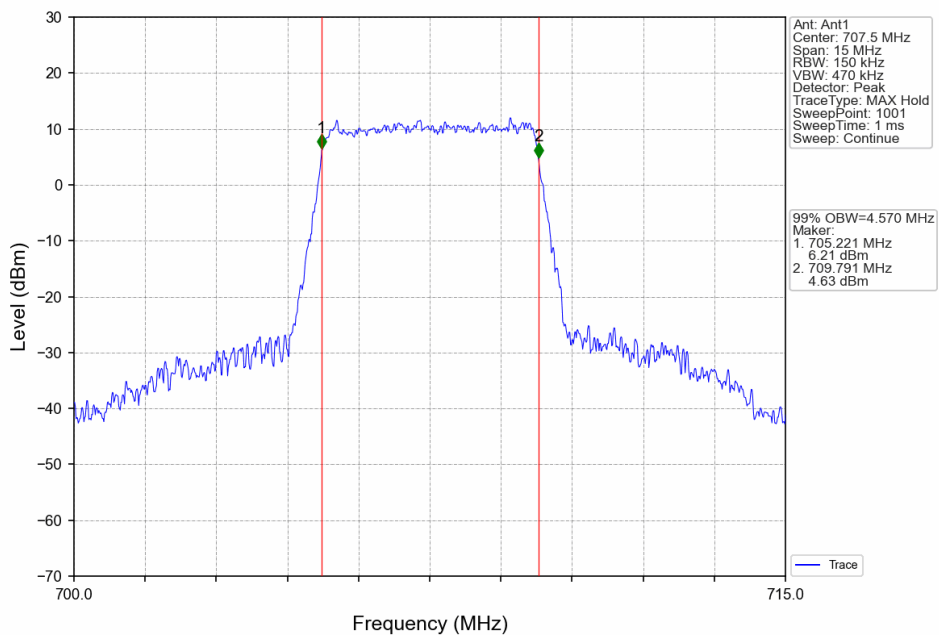
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



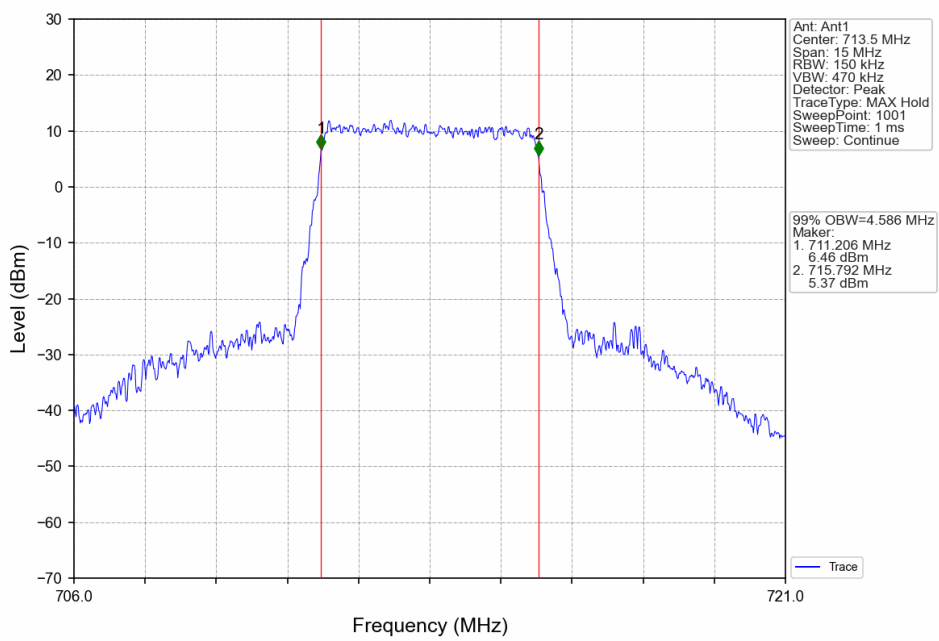
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



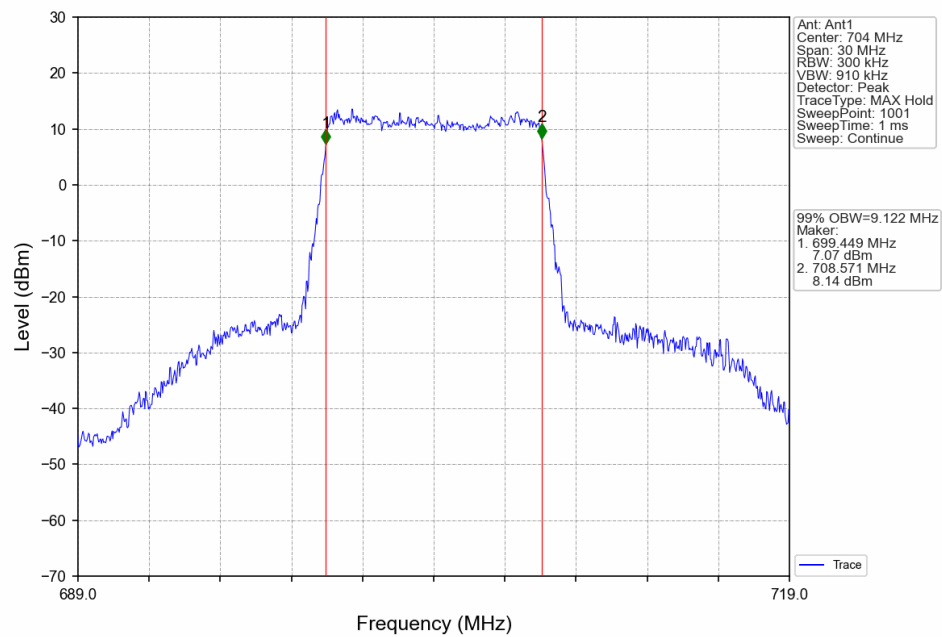
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



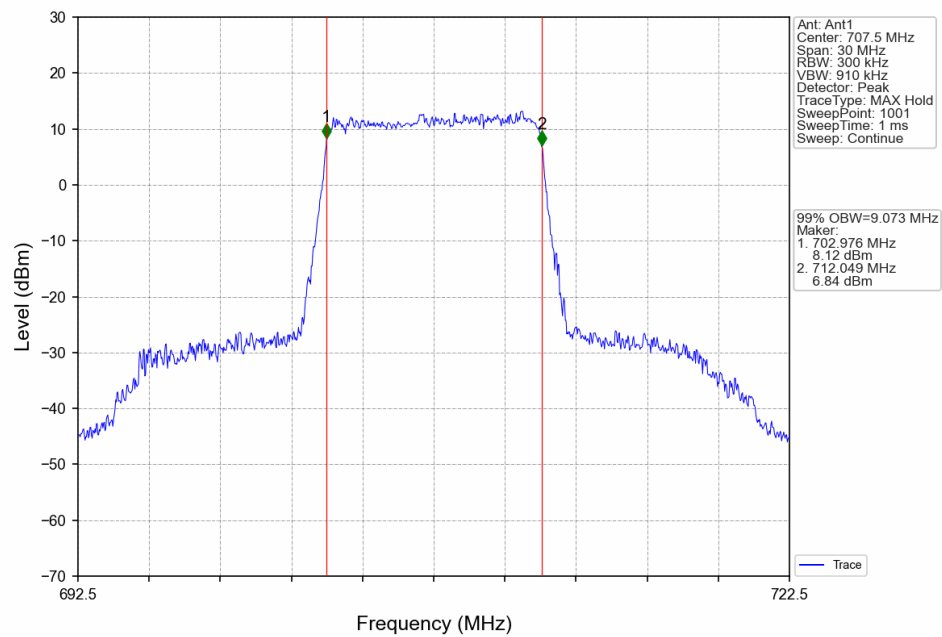
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



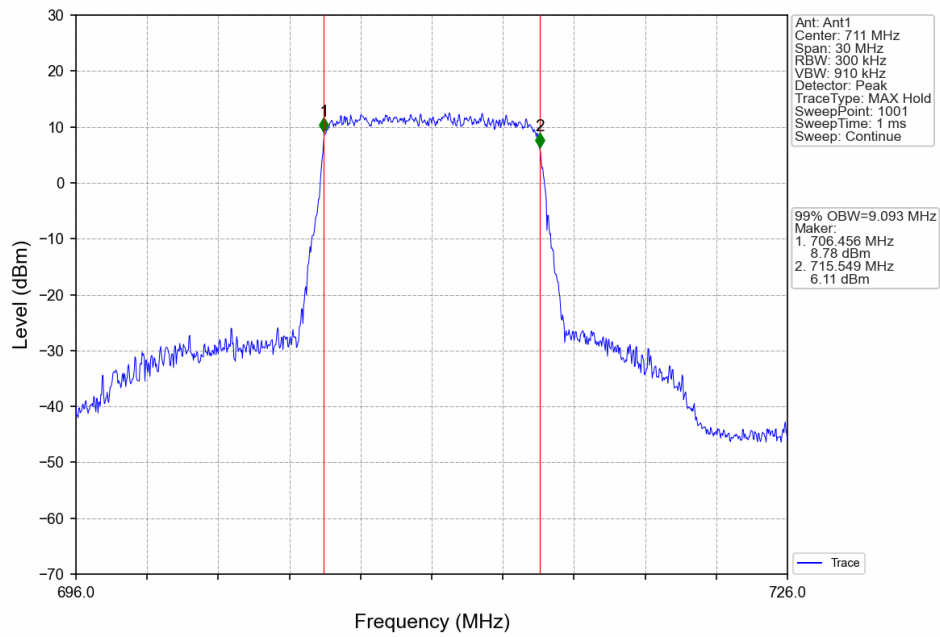
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



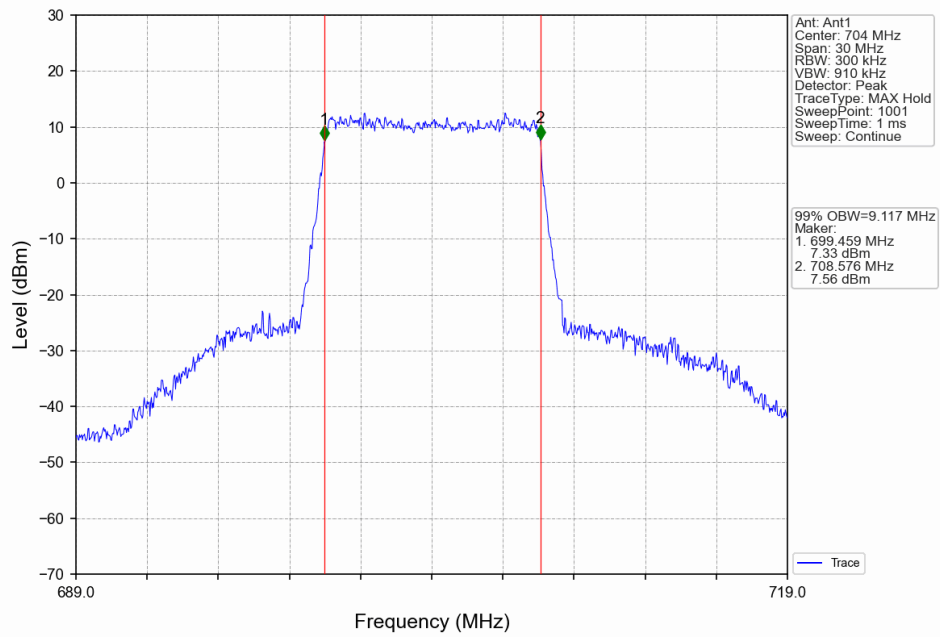
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



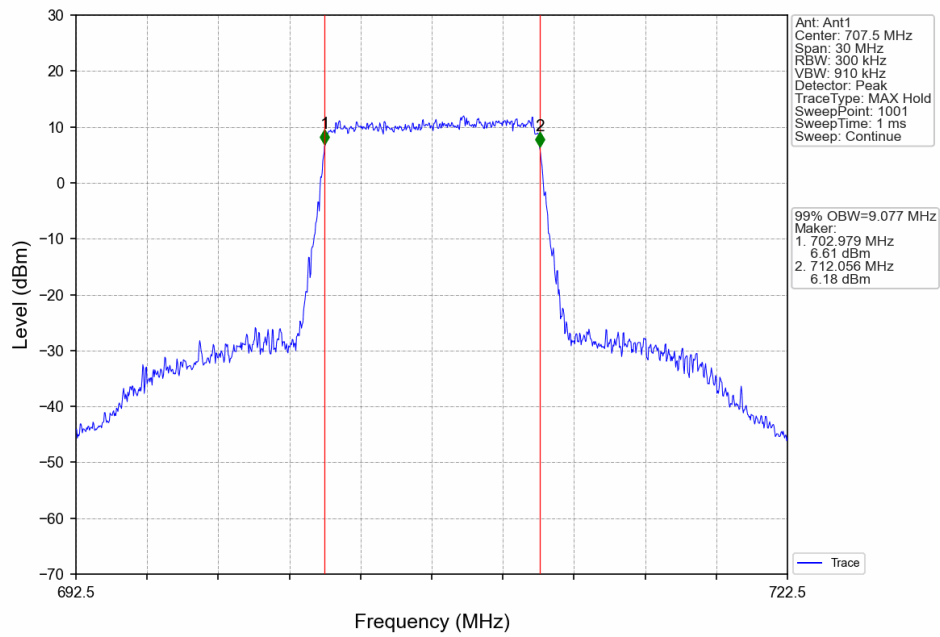
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



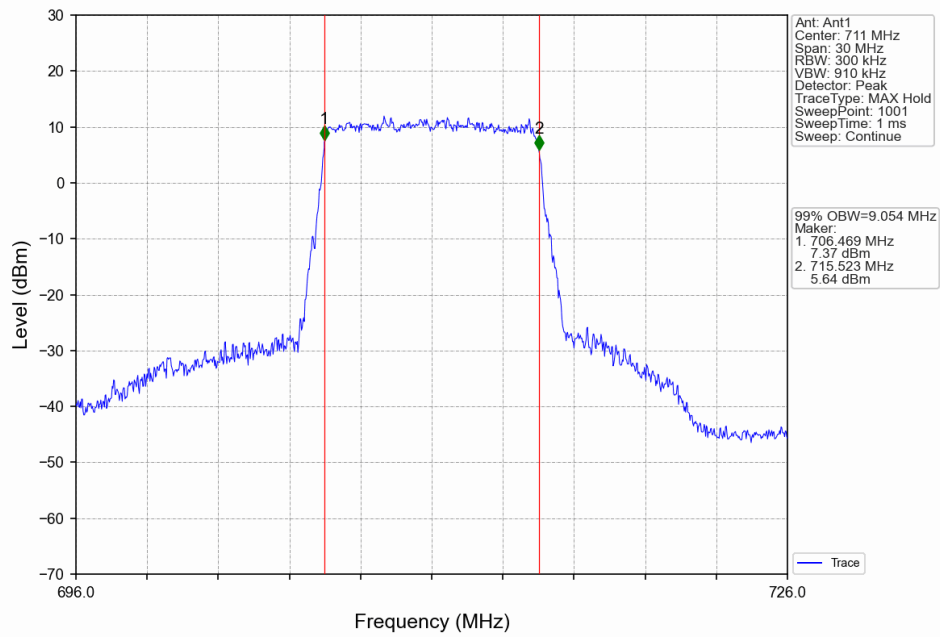
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

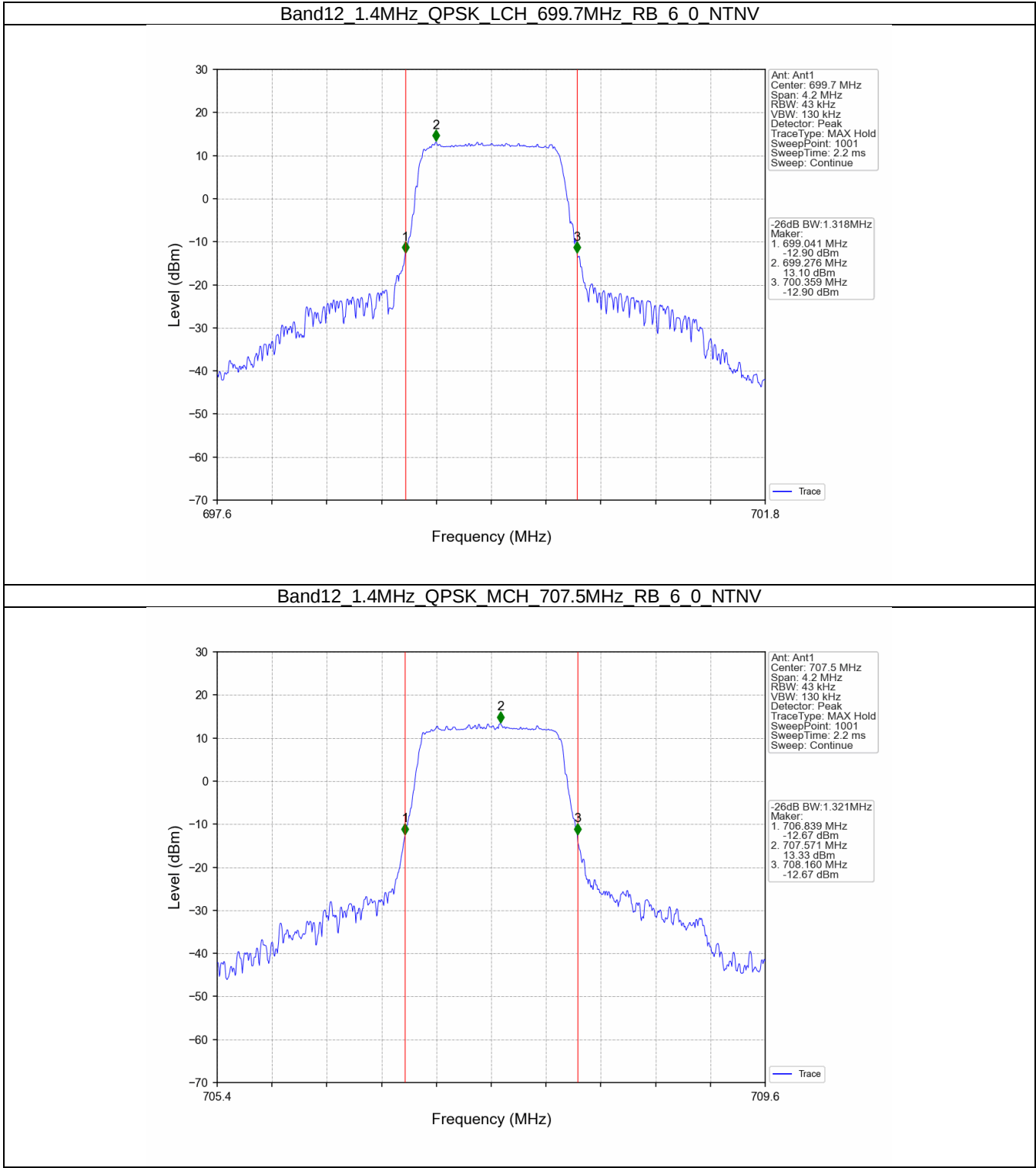


1.2 Band12_XDB

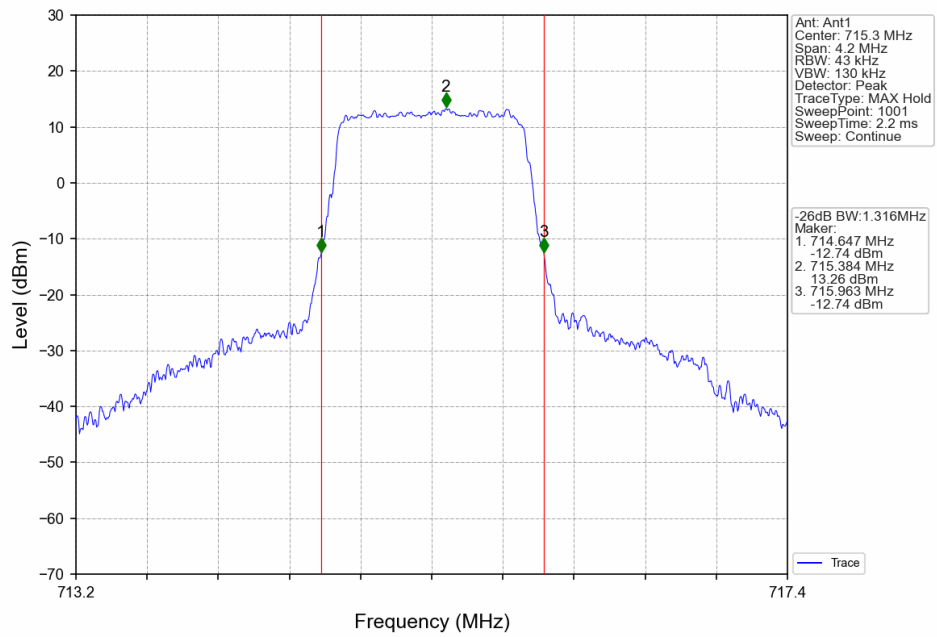
1.2.1 Test Result

Band: 12 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	699.7	6	0	1.318	Pass
		707.5	6	0	1.321	Pass
		715.3	6	0	1.316	Pass
	16QAM	699.7	6	0	1.320	Pass
		707.5	6	0	1.306	Pass
		715.3	6	0	1.322	Pass
3	QPSK	700.5	15	0	2.984	Pass
		707.5	15	0	2.998	Pass
		714.5	15	0	2.999	Pass
	16QAM	700.5	15	0	2.984	Pass
		707.5	15	0	2.982	Pass
		714.5	15	0	3.010	Pass
5	QPSK	701.5	25	0	5.258	Pass
		707.5	25	0	5.258	Pass
		713.5	25	0	5.296	Pass
	16QAM	701.5	25	0	5.245	Pass
		707.5	25	0	5.260	Pass
		713.5	25	0	5.297	Pass
10	QPSK	704	50	0	10.343	Pass
		707.5	50	0	10.303	Pass
		711	50	0	10.318	Pass
	16QAM	704	50	0	10.250	Pass
		707.5	50	0	10.368	Pass
		711	50	0	10.311	Pass

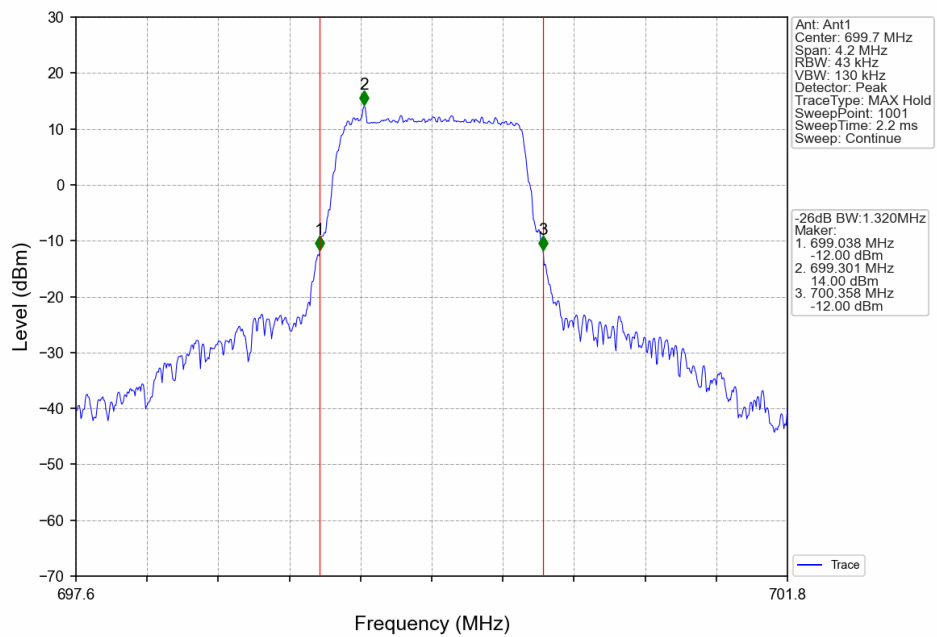
1.2.2 Test Graph



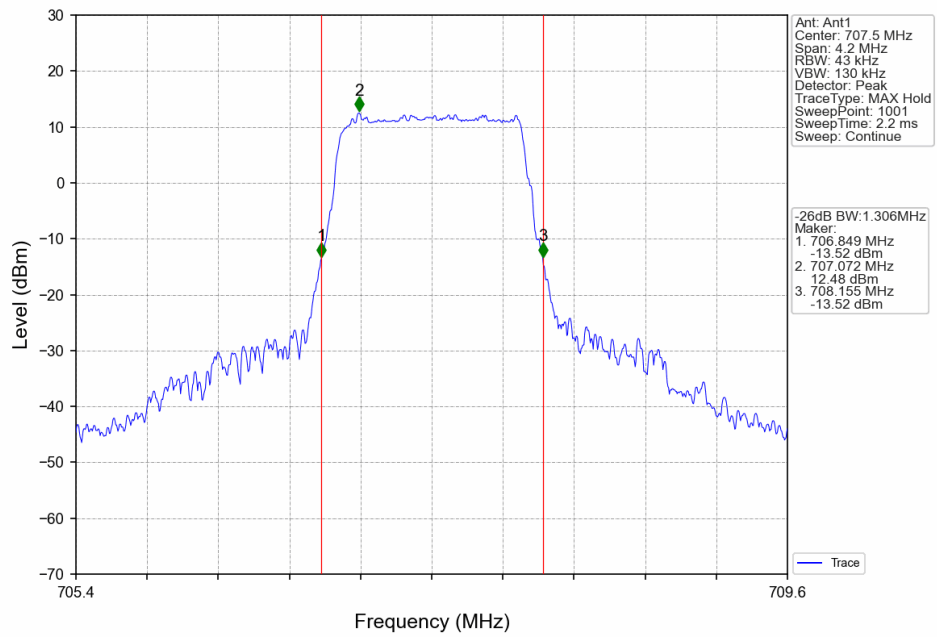
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



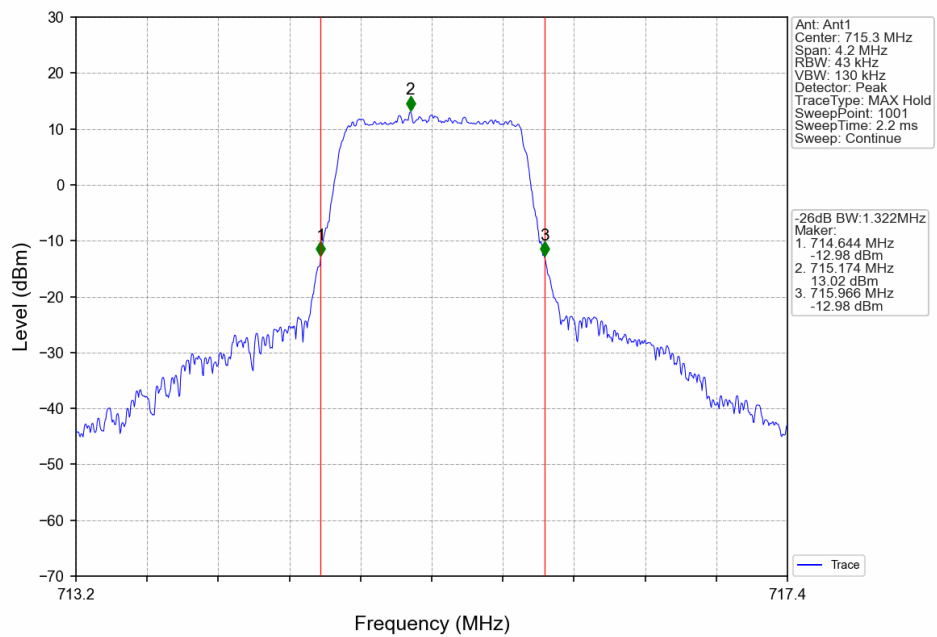
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



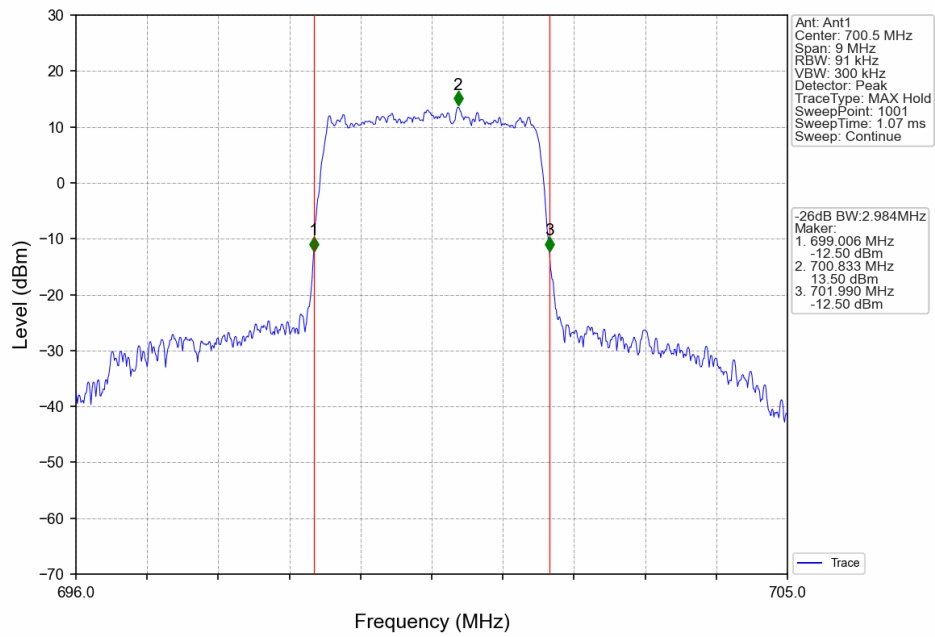
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTV



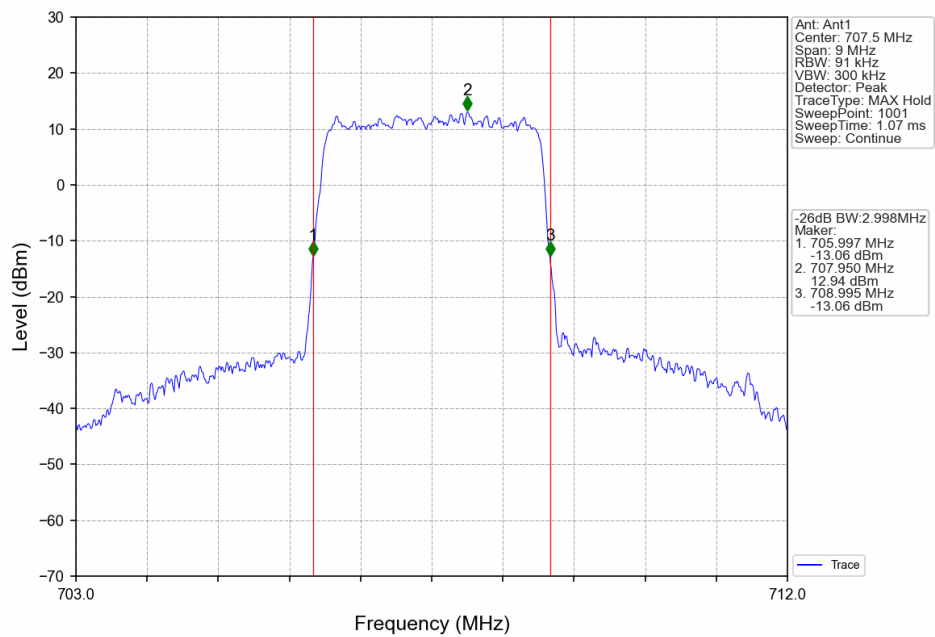
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTV



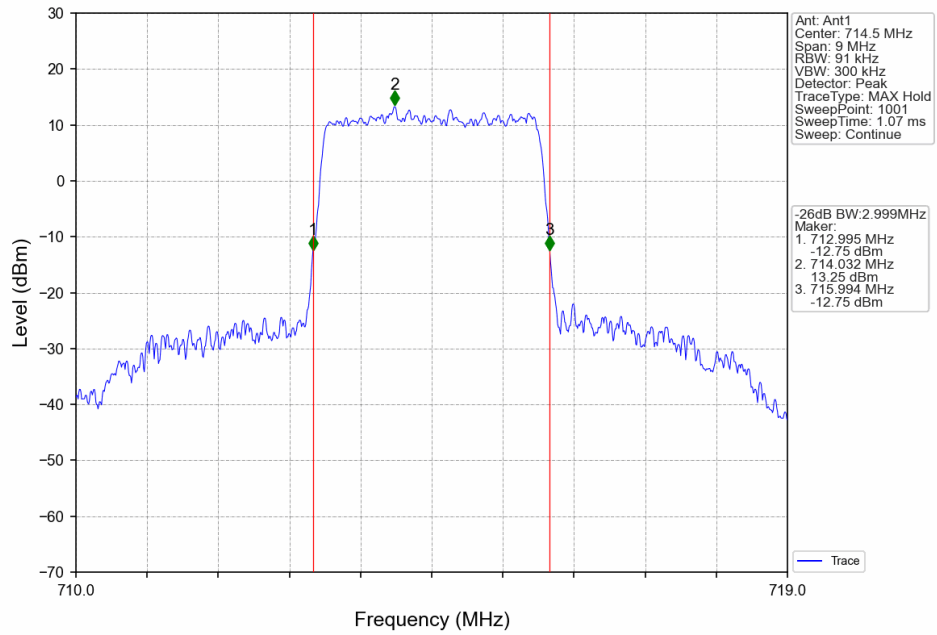
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



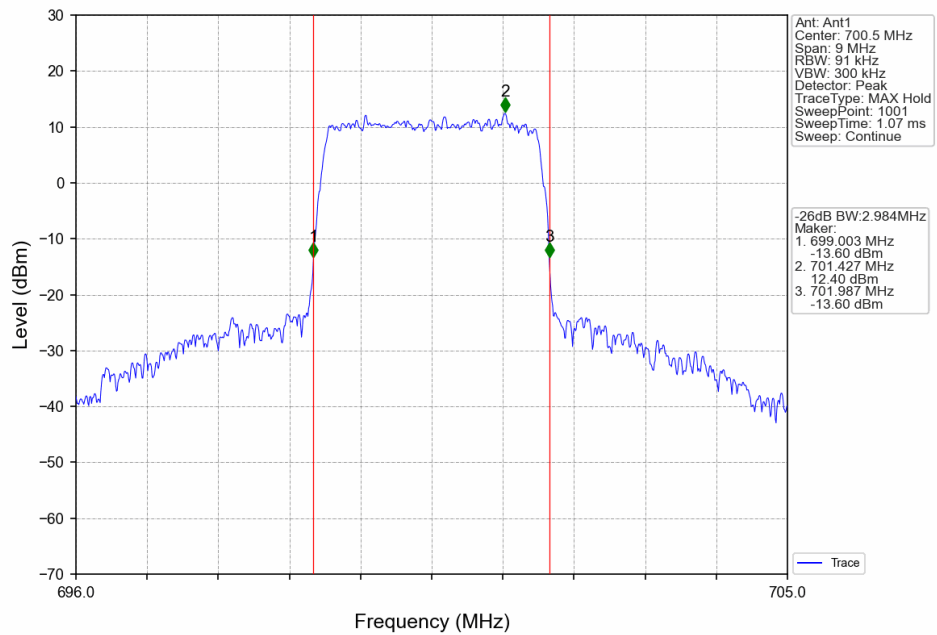
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



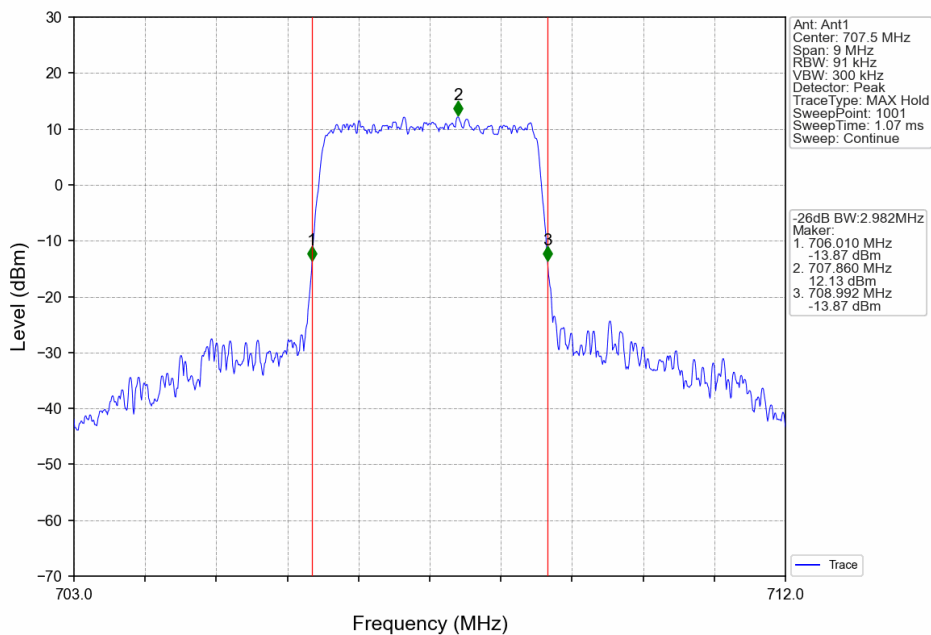
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



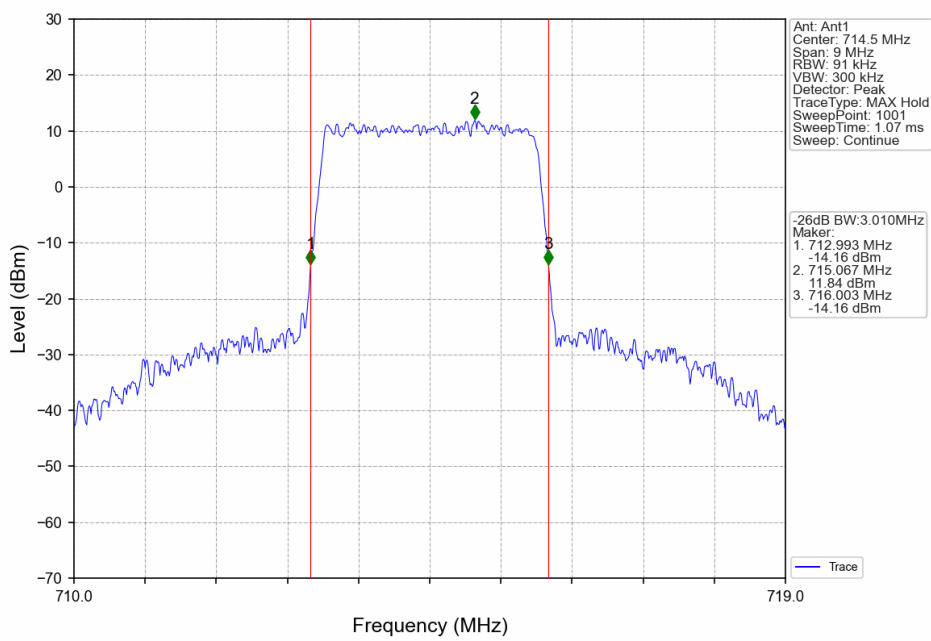
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



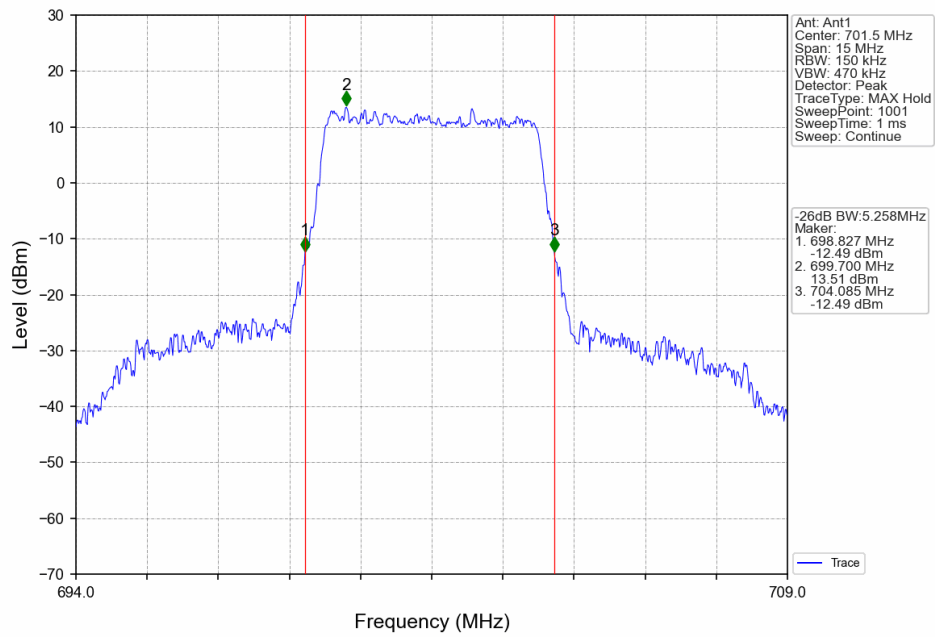
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTV



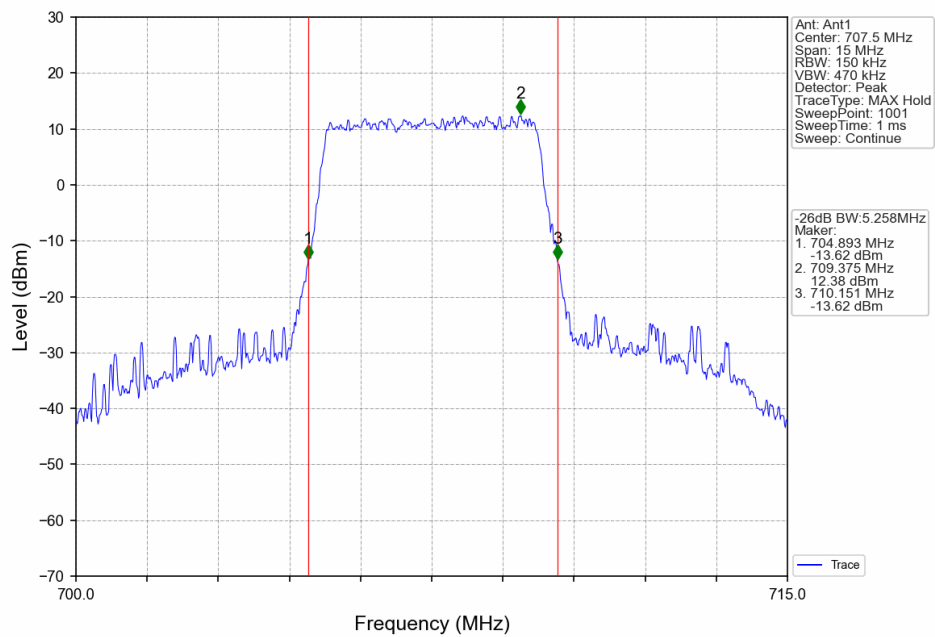
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTV



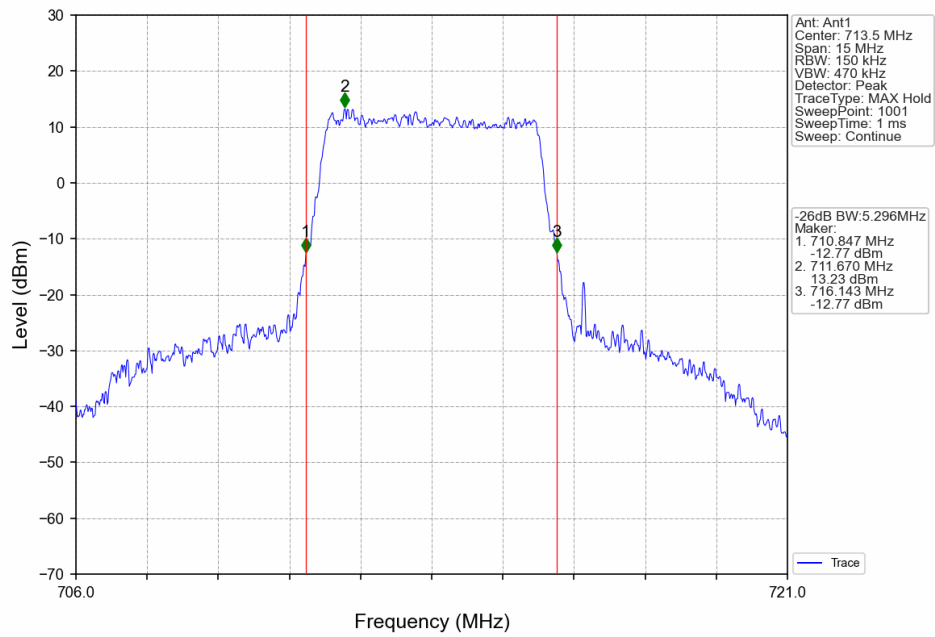
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



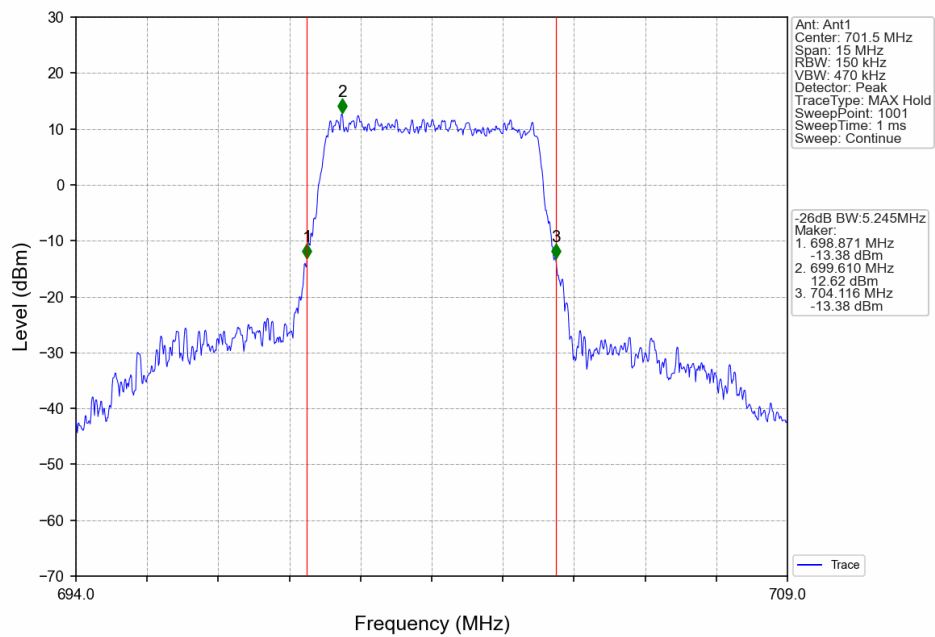
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



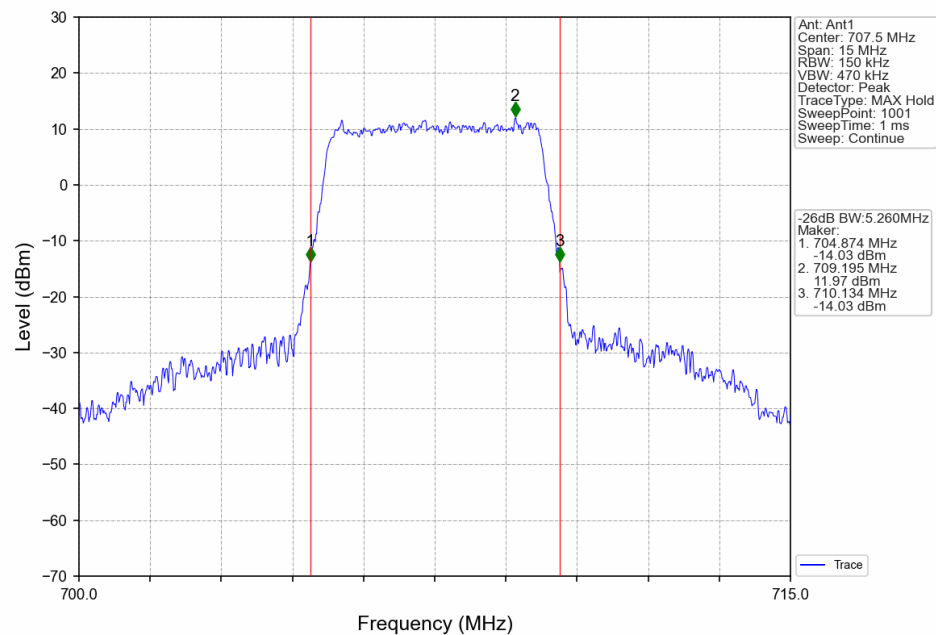
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



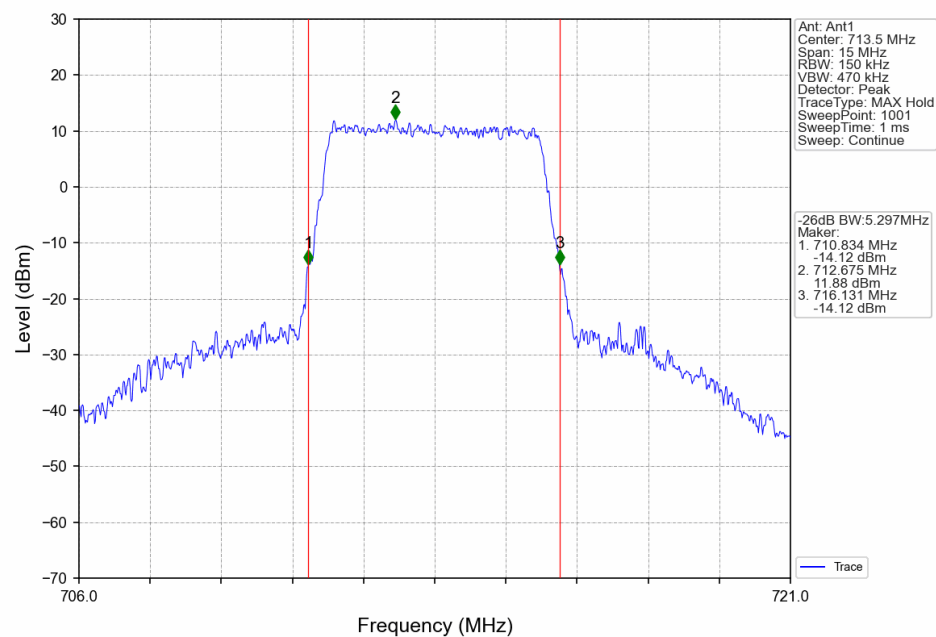
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



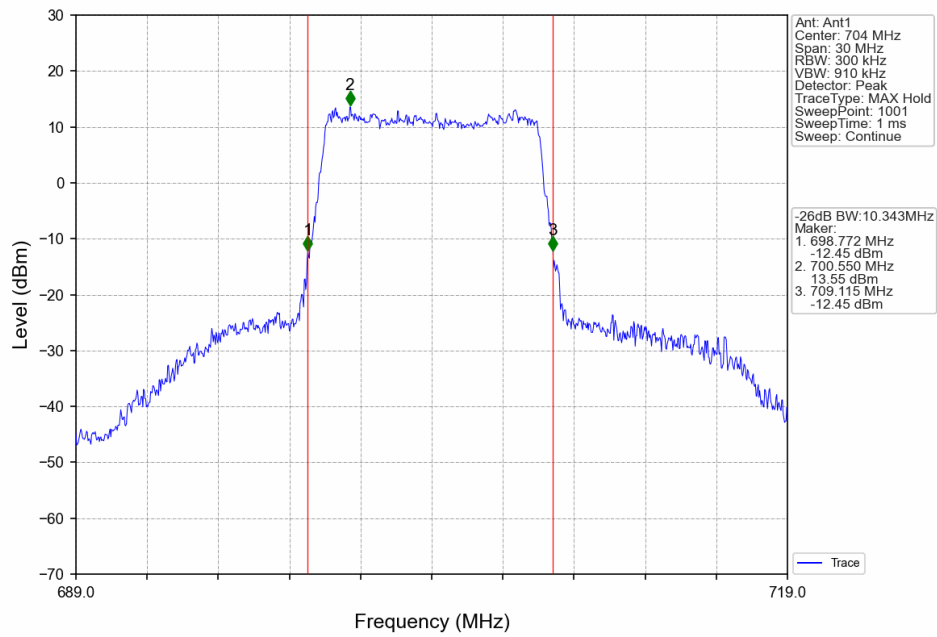
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



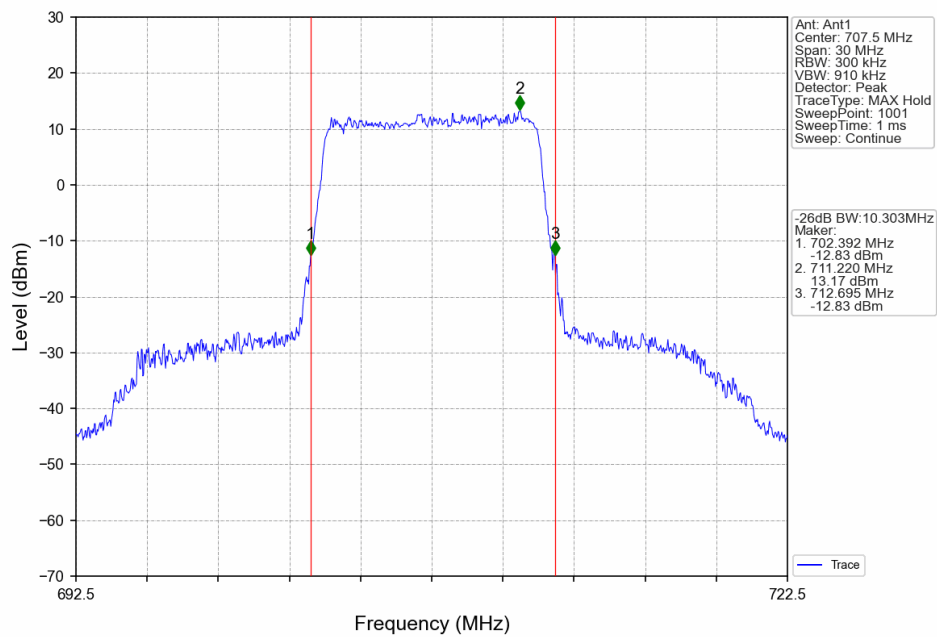
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



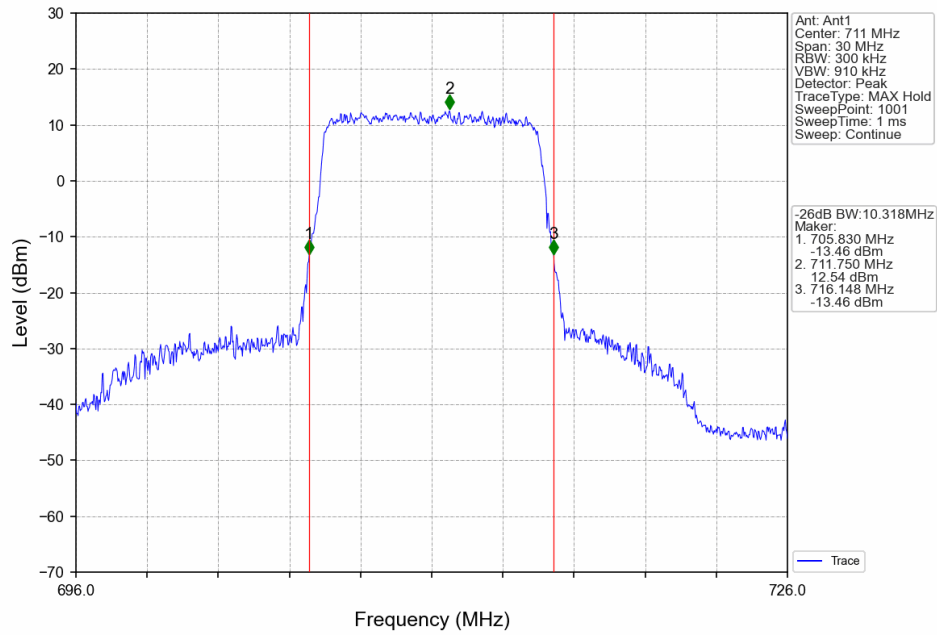
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN



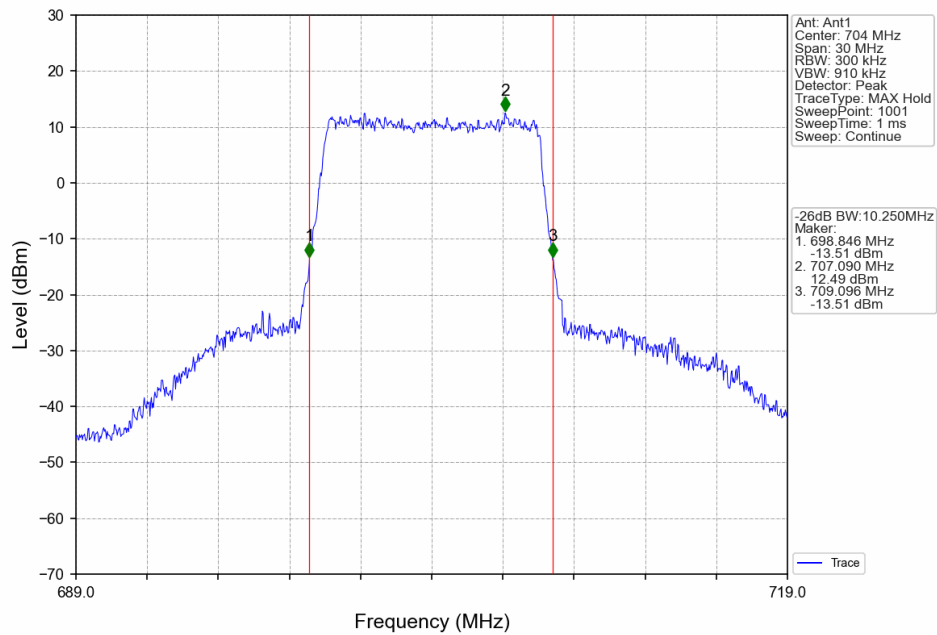
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTN



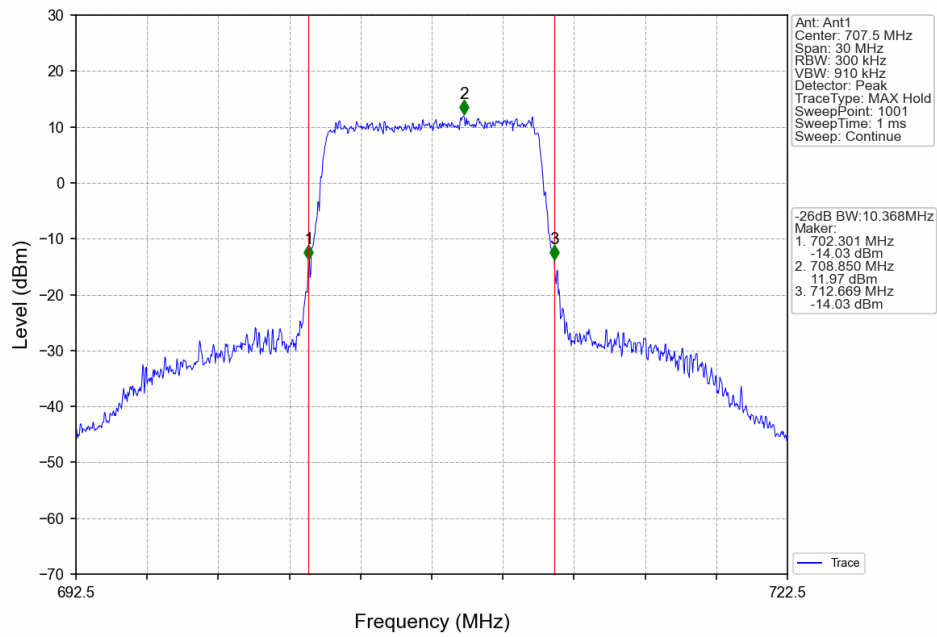
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



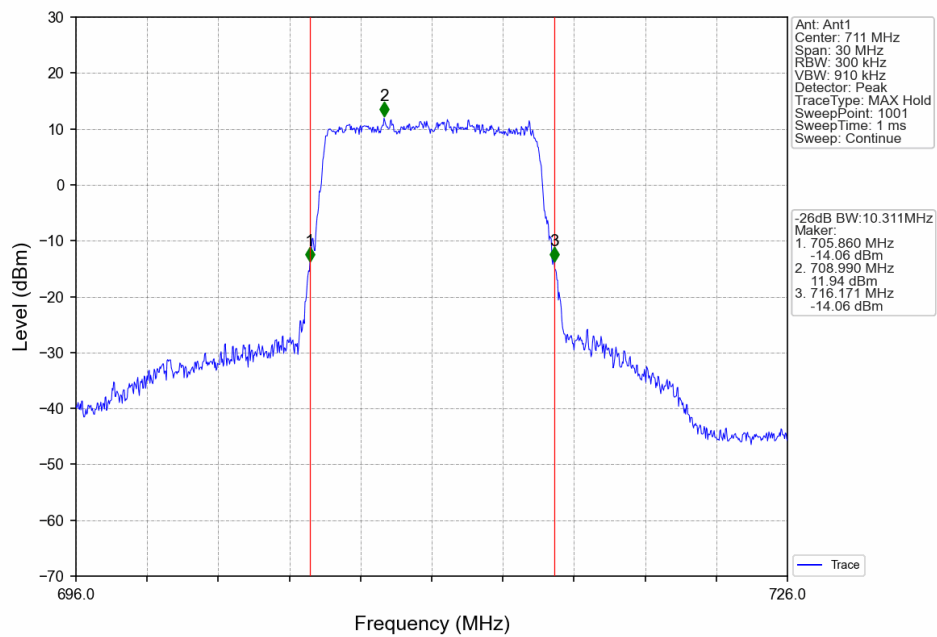
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



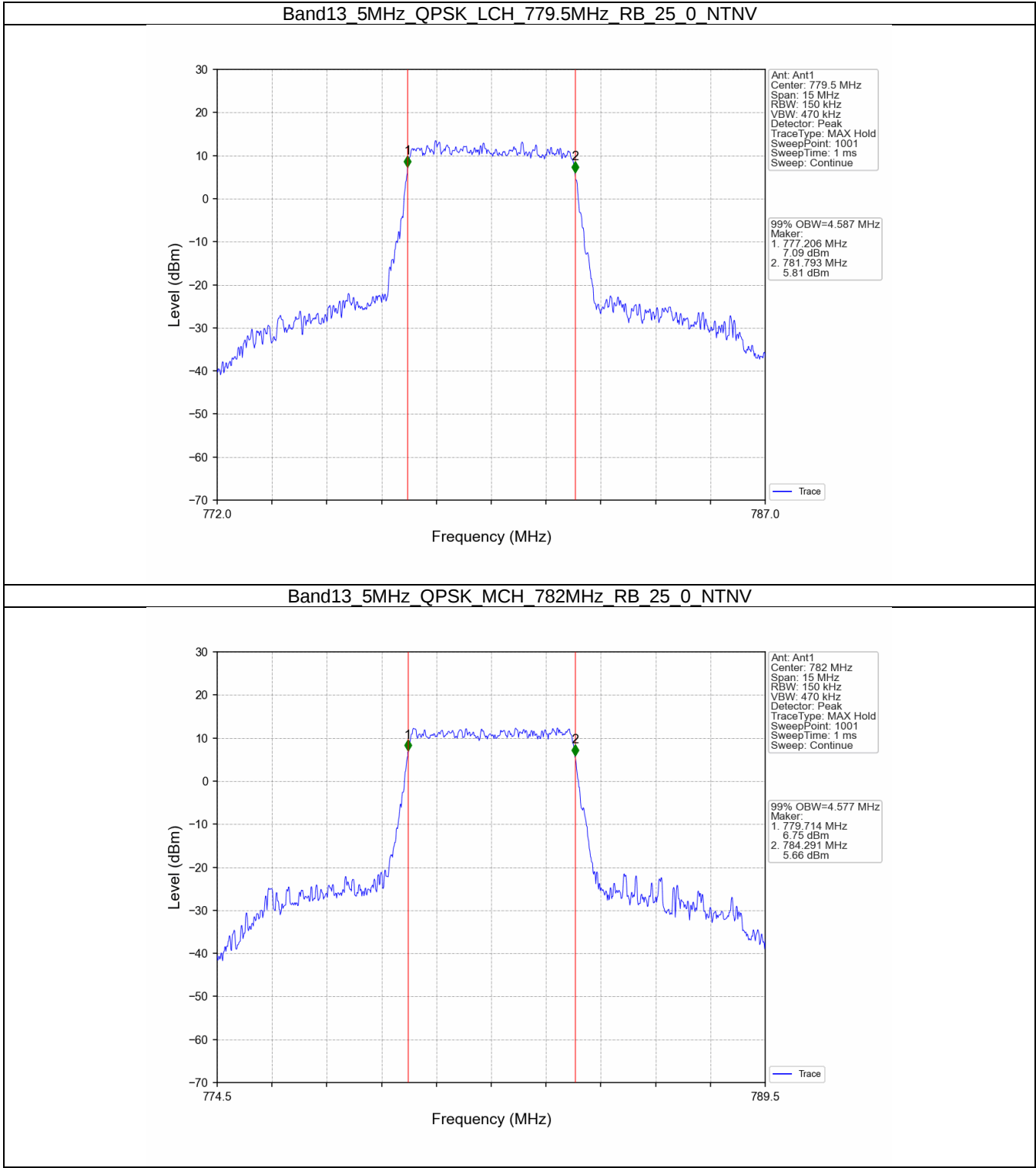
2. 99% & 26dB Bandwidth

2.1 Band13_OBW

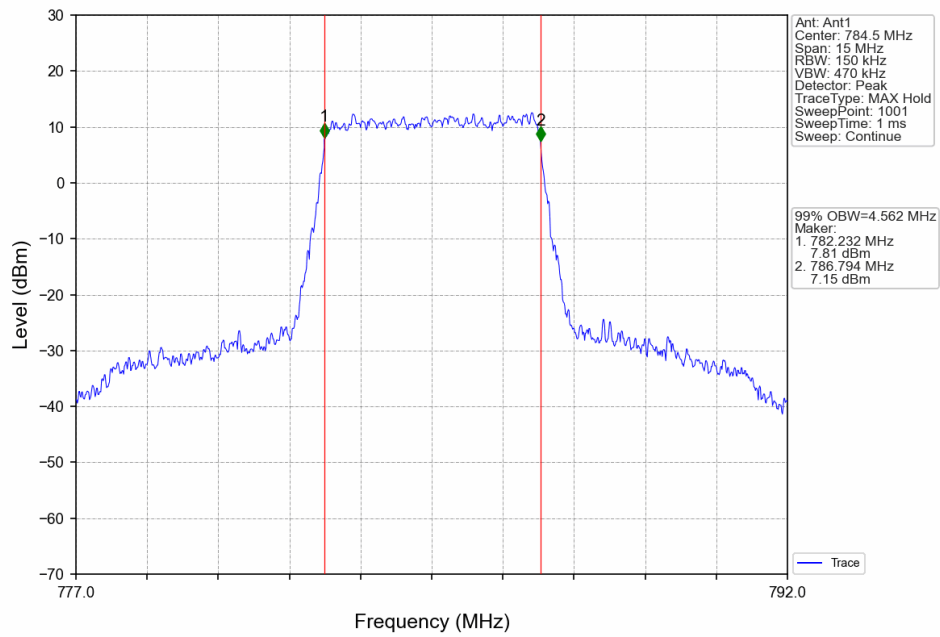
2.1.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	4.587	Pass
		782	25	0	4.577	Pass
		784.5	25	0	4.562	Pass
	16QAM	779.5	25	0	4.570	Pass
		782	25	0	4.591	Pass
		784.5	25	0	4.586	Pass
10	QPSK	782	50	0	9.105	Pass
	16QAM	782	50	0	9.081	Pass

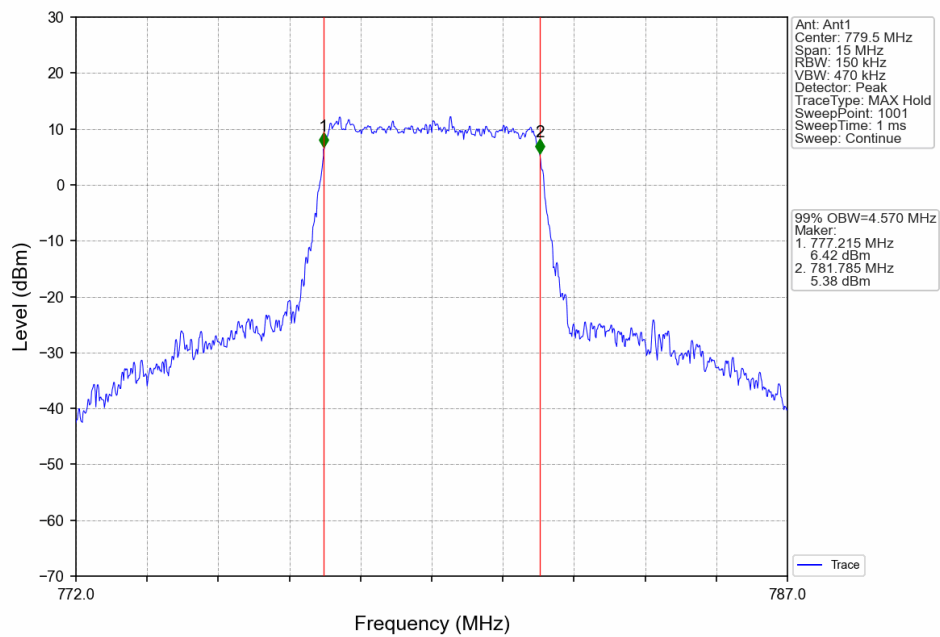
2.1.2 Test Graph



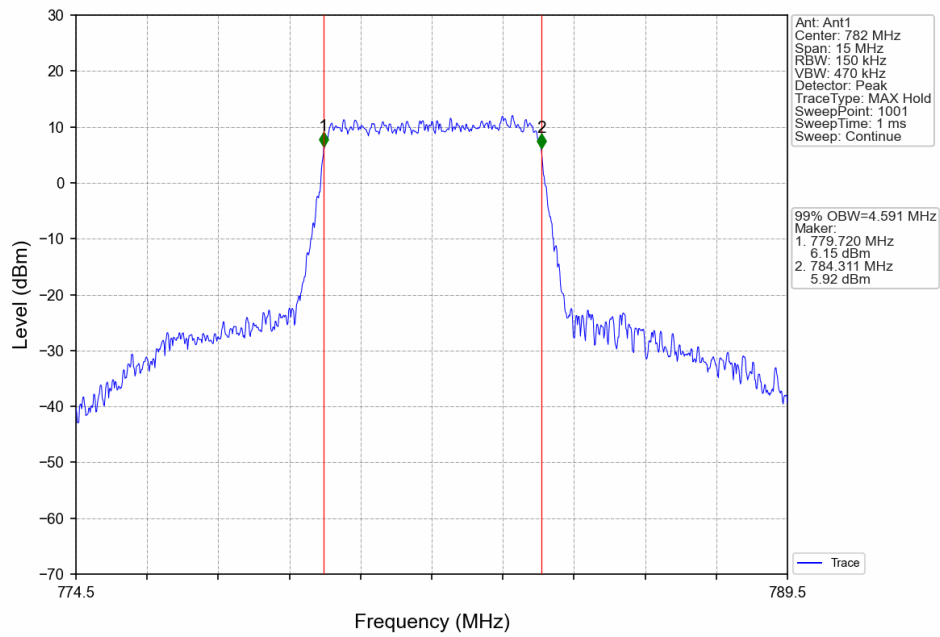
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



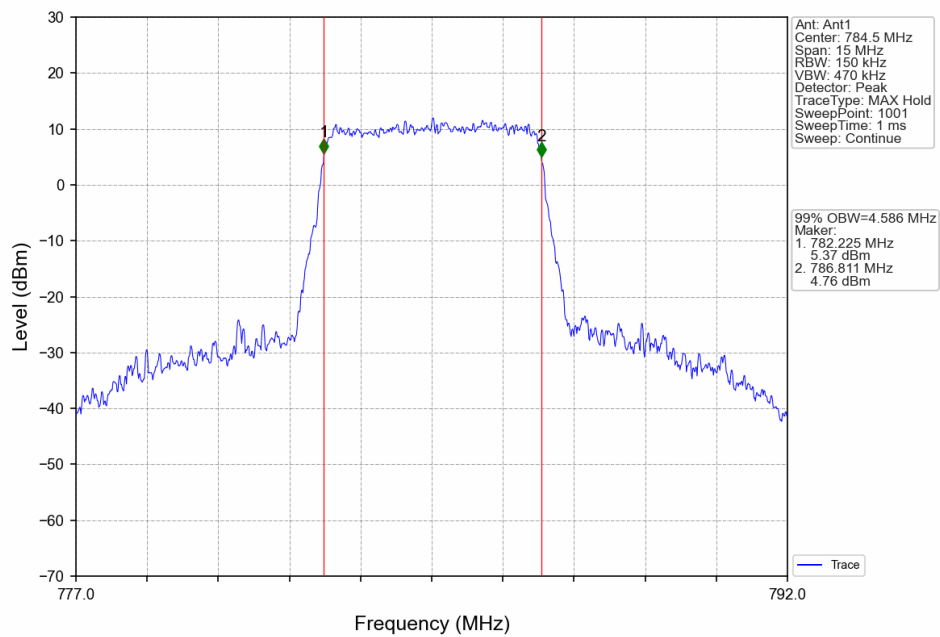
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



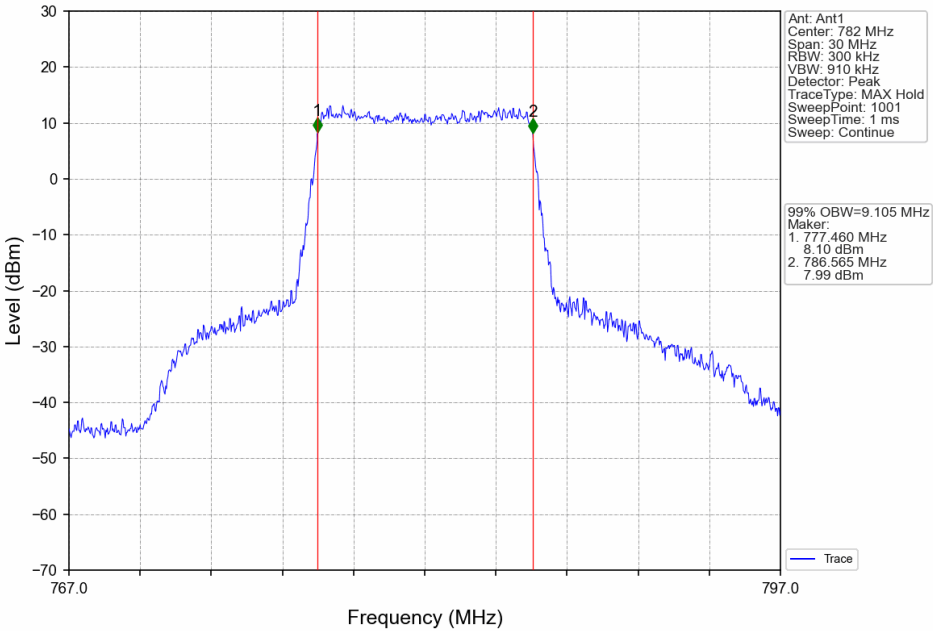
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



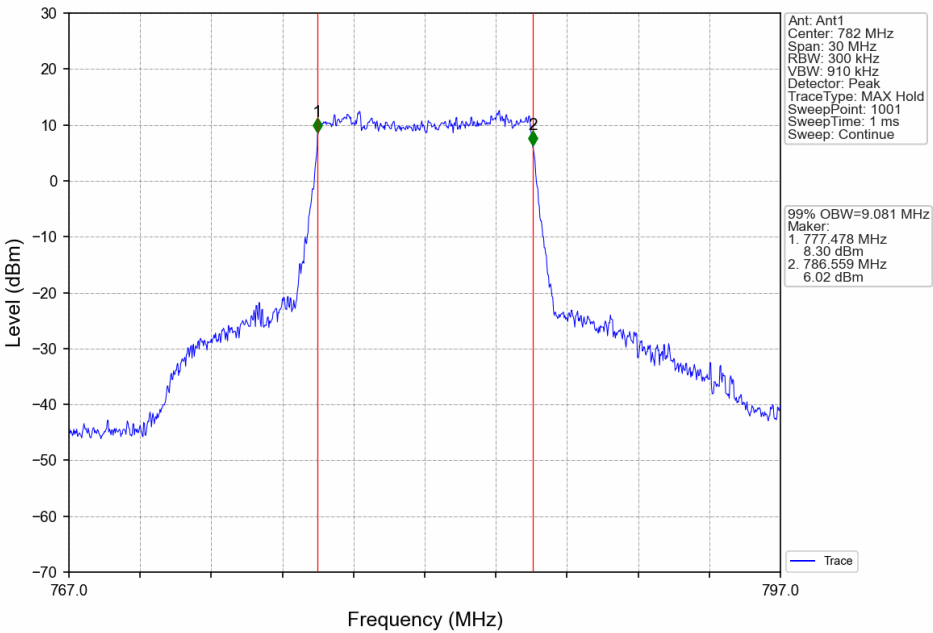
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV

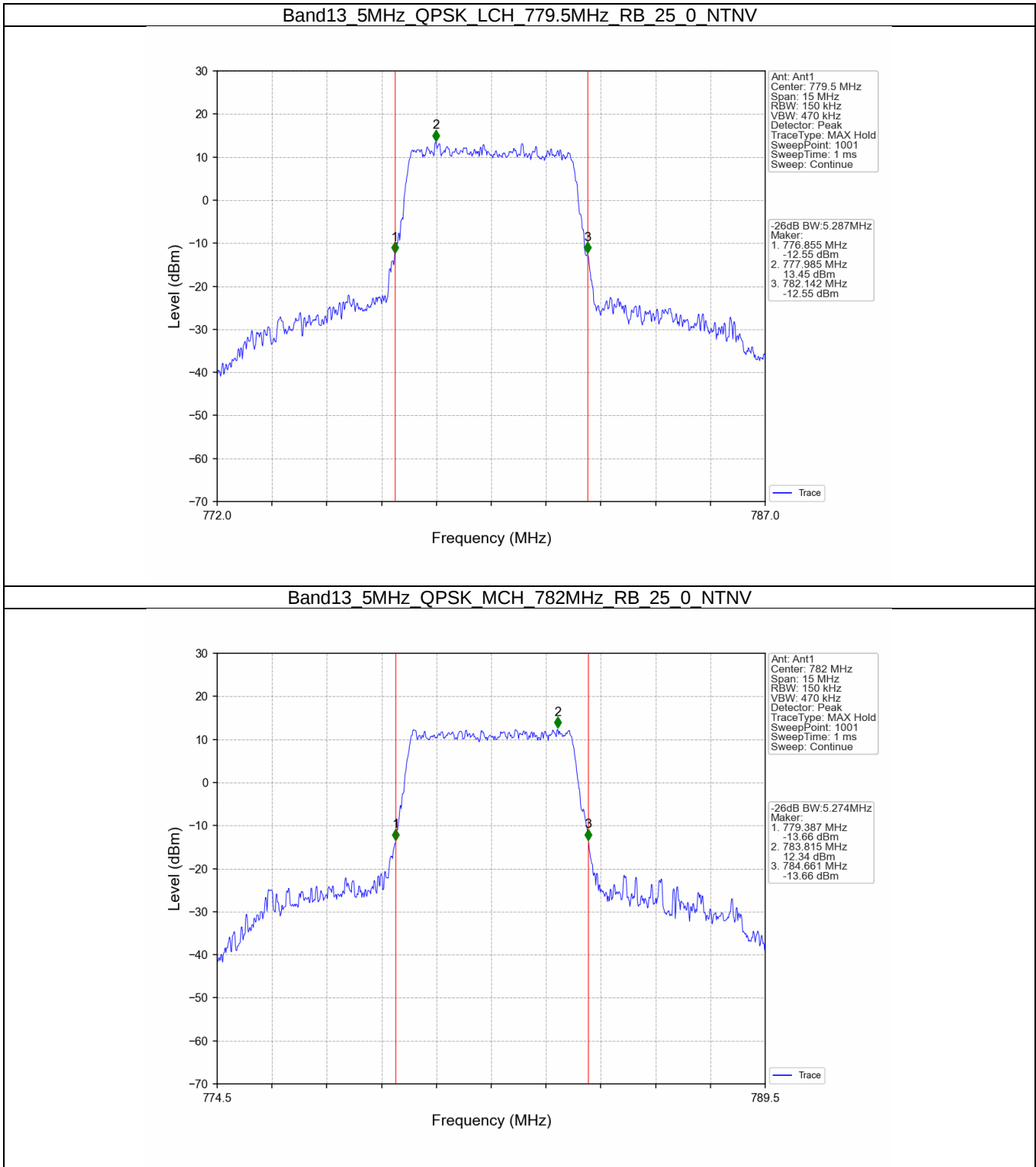


2.2 Band13_XDB

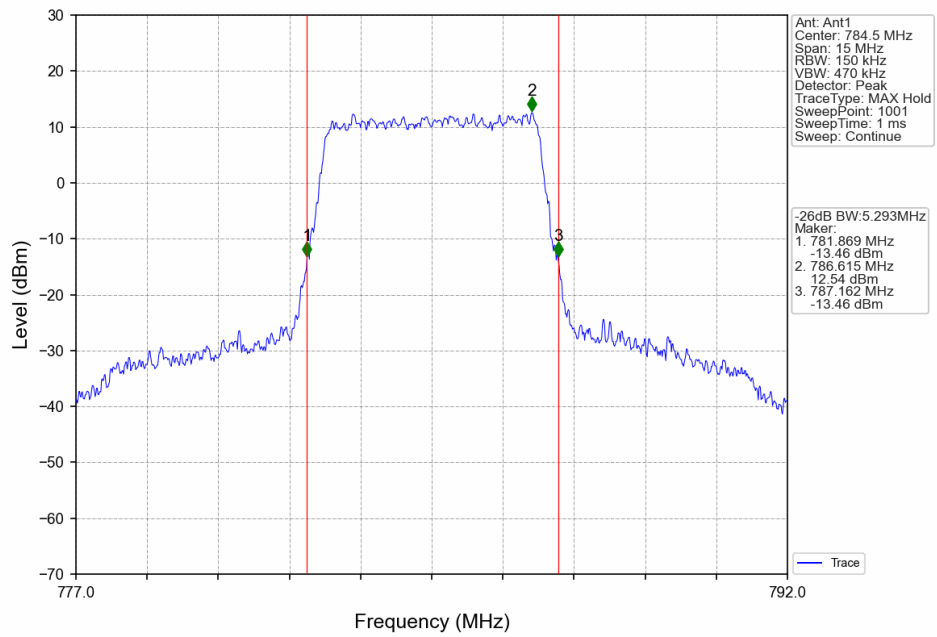
2.2.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.287	Pass
		782	25	0	5.274	Pass
		784.5	25	0	5.293	Pass
	16QAM	779.5	25	0	5.226	Pass
		782	25	0	5.296	Pass
		784.5	25	0	5.301	Pass
10	QPSK	782	50	0	10.418	Pass
	16QAM	782	50	0	10.219	Pass

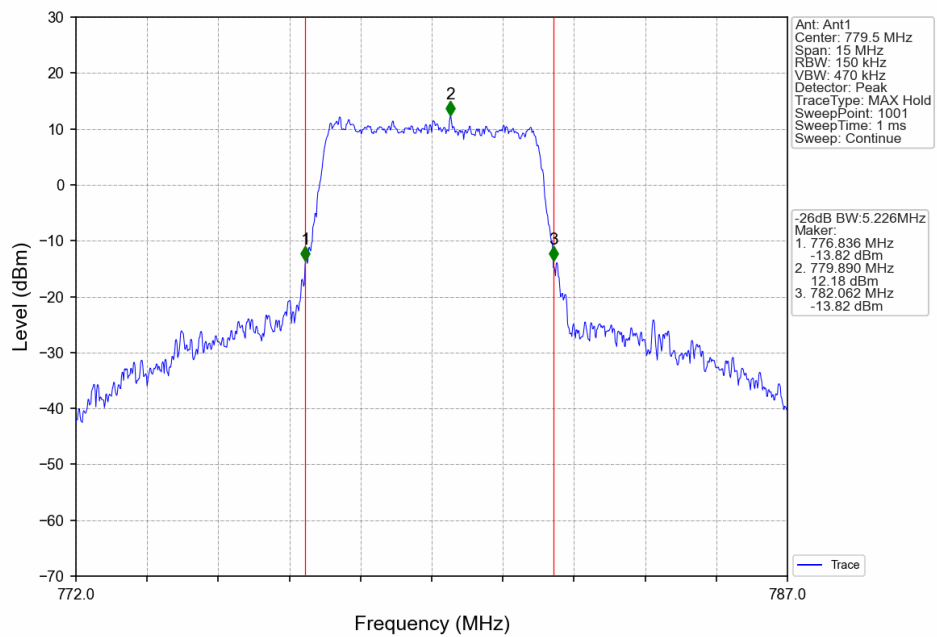
2.2.2 Test Graph



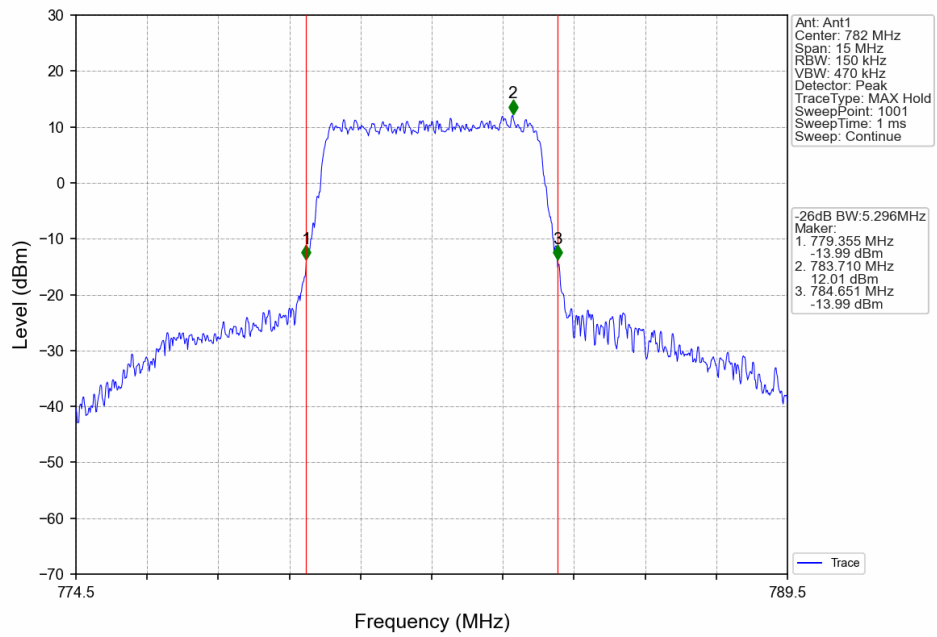
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTN



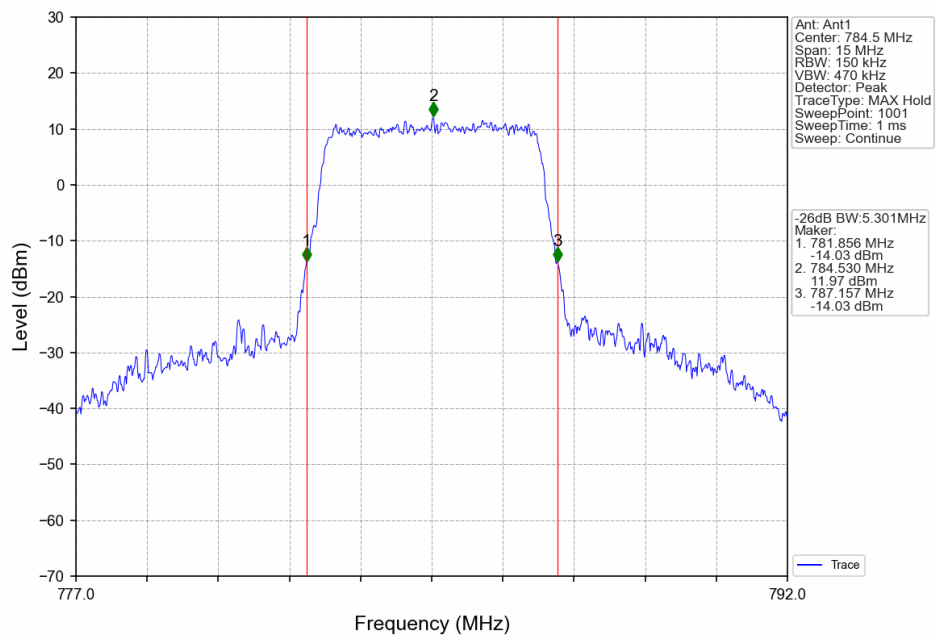
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTN



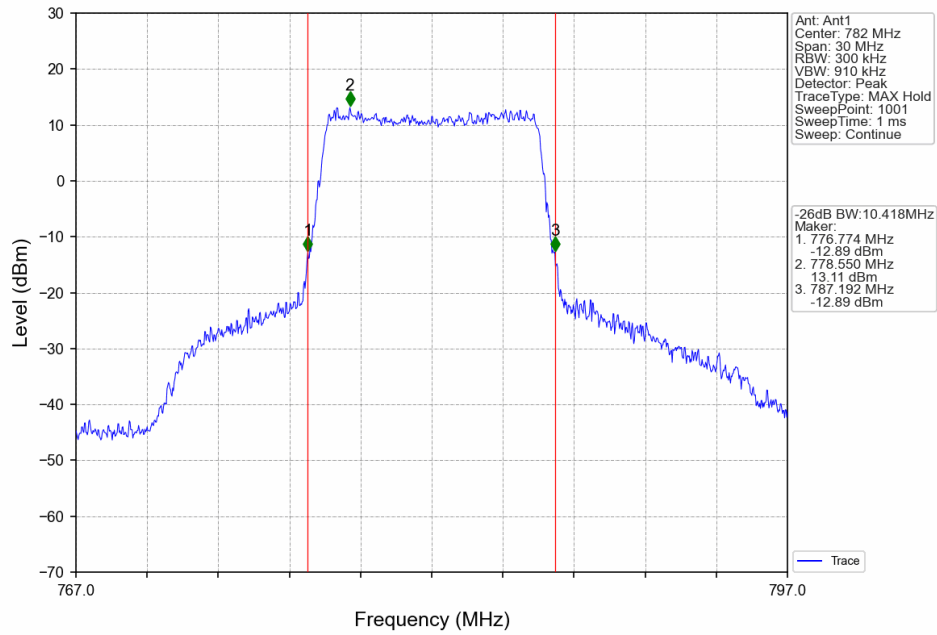
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTN



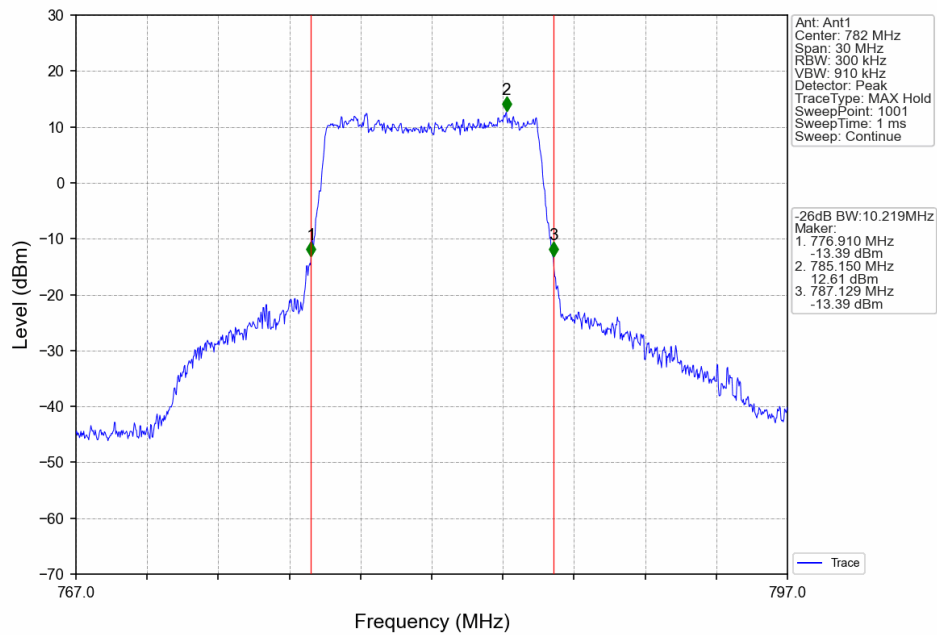
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0 NTN



Band13 10MHz QPSK LCH 782MHz RB 50 0 NTN



Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTN



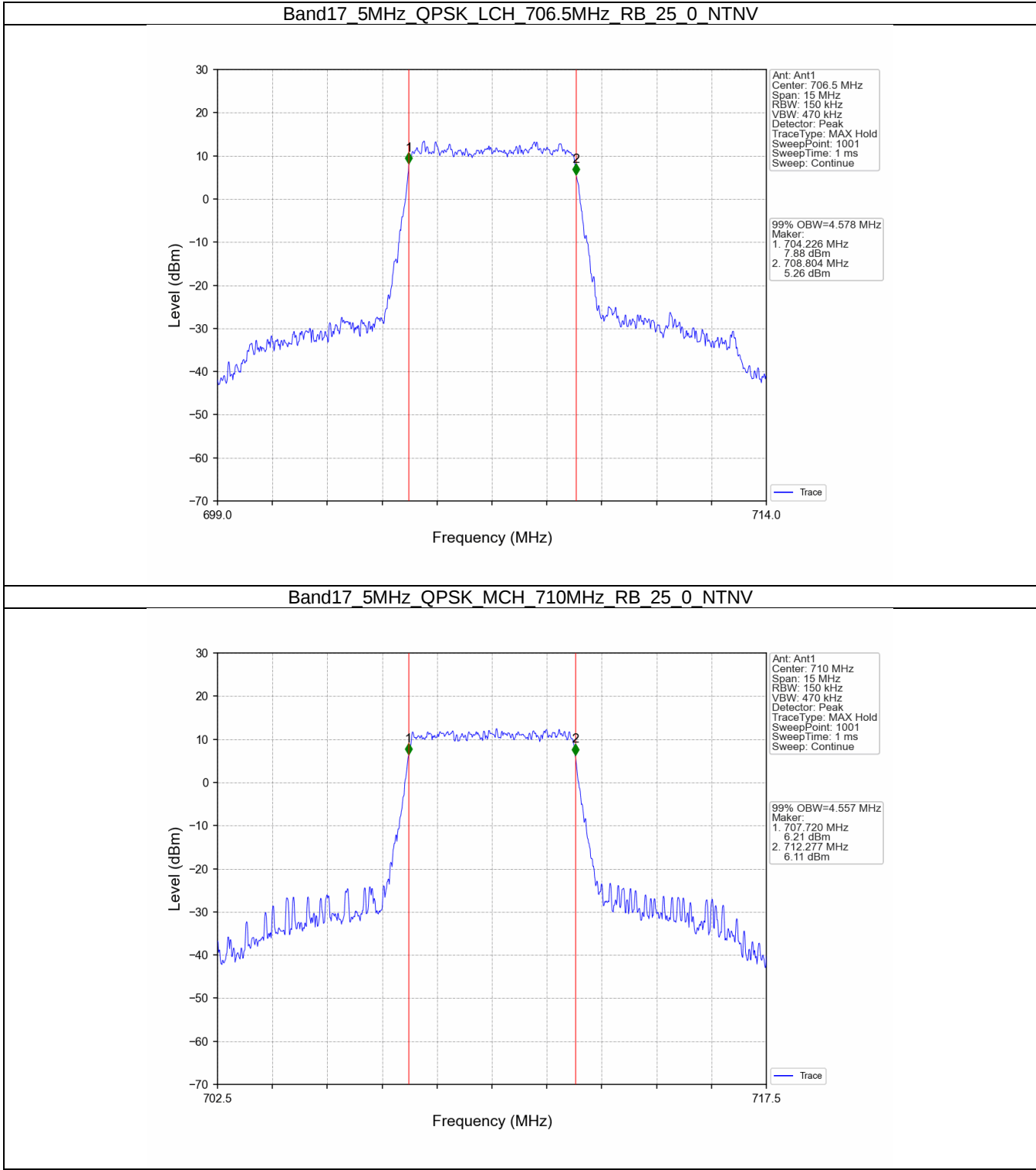
3. 99% & 26dB Bandwidth

3.1 Band17_OBW

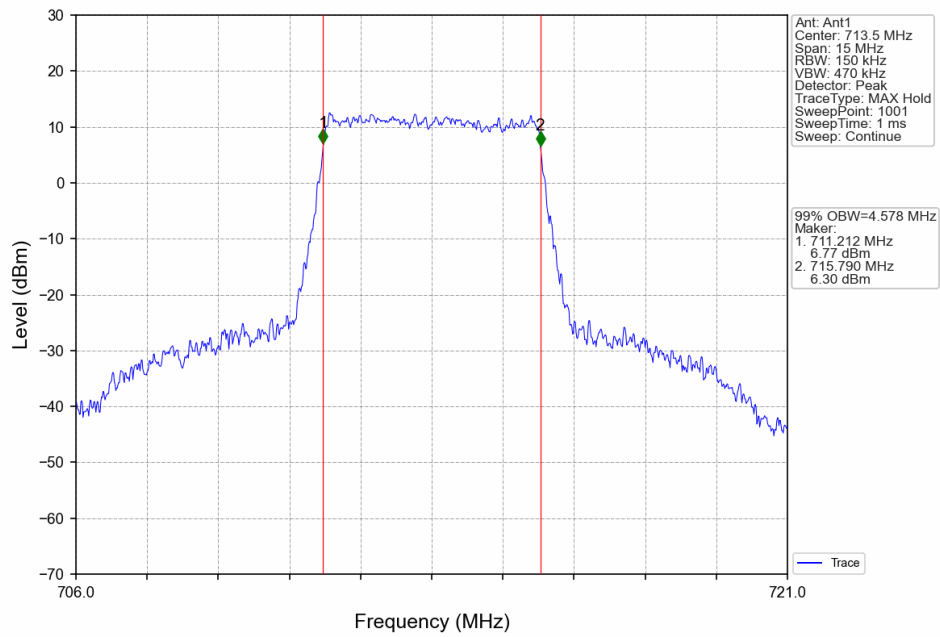
3.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.578	Pass
		710	25	0	4.557	Pass
		713.5	25	0	4.578	Pass
	16QAM	706.5	25	0	4.559	Pass
		710	25	0	4.583	Pass
		713.5	25	0	4.584	Pass
10	QPSK	709	50	0	9.083	Pass
		710	50	0	9.052	Pass
		711	50	0	9.067	Pass
	16QAM	709	50	0	9.076	Pass
		710	50	0	9.039	Pass
		711	50	0	9.056	Pass

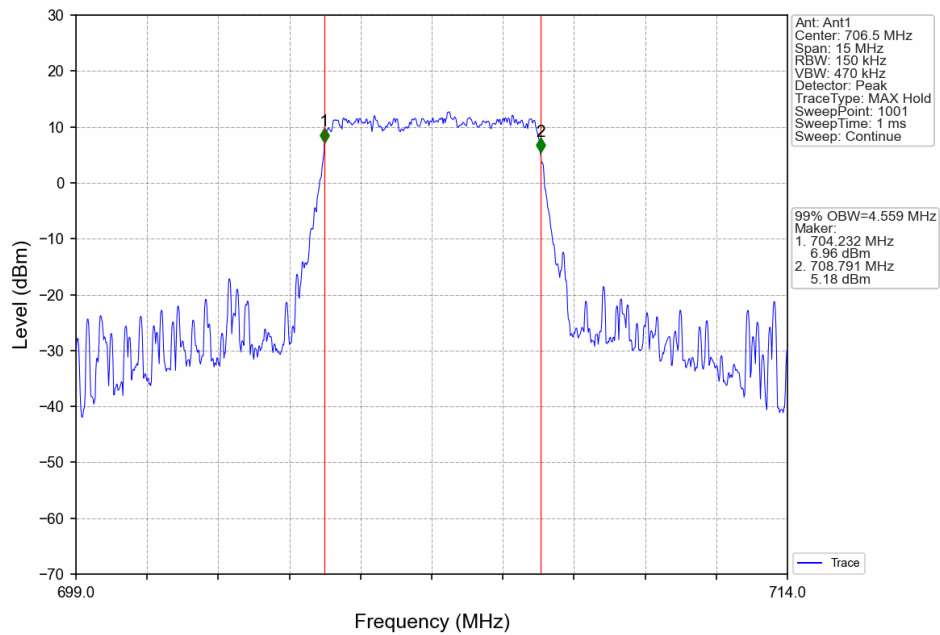
3.1.2 Test Graph



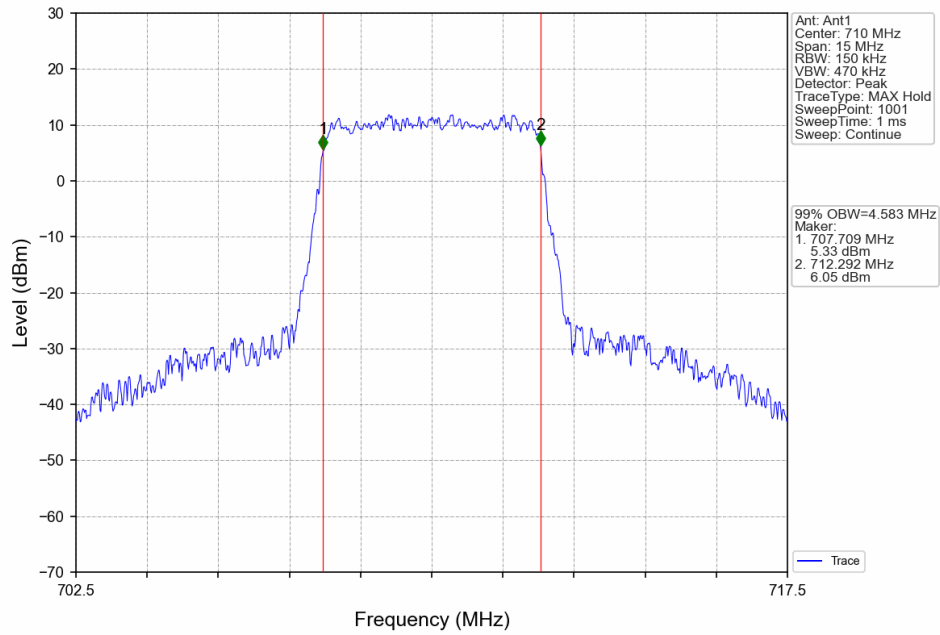
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



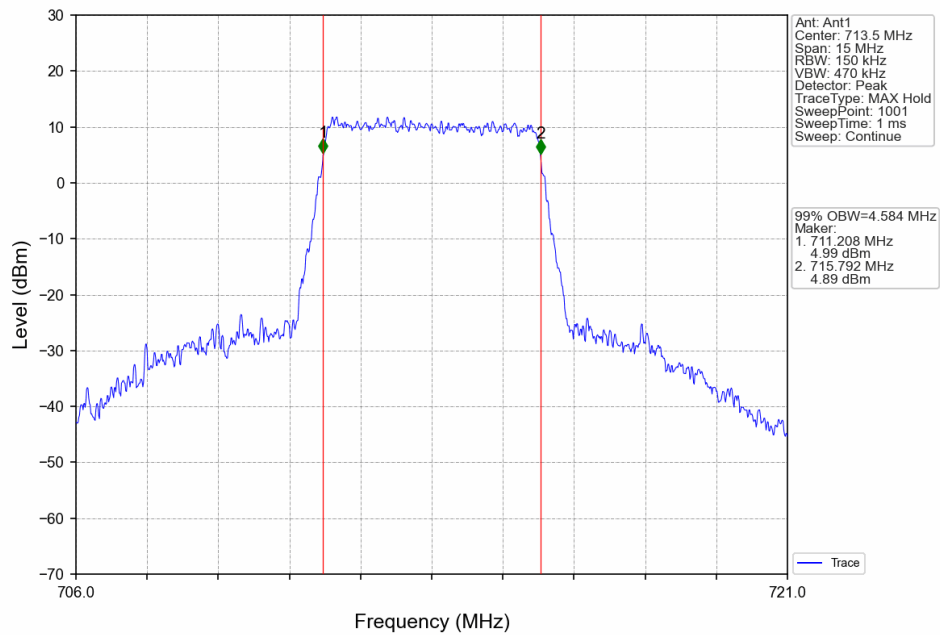
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



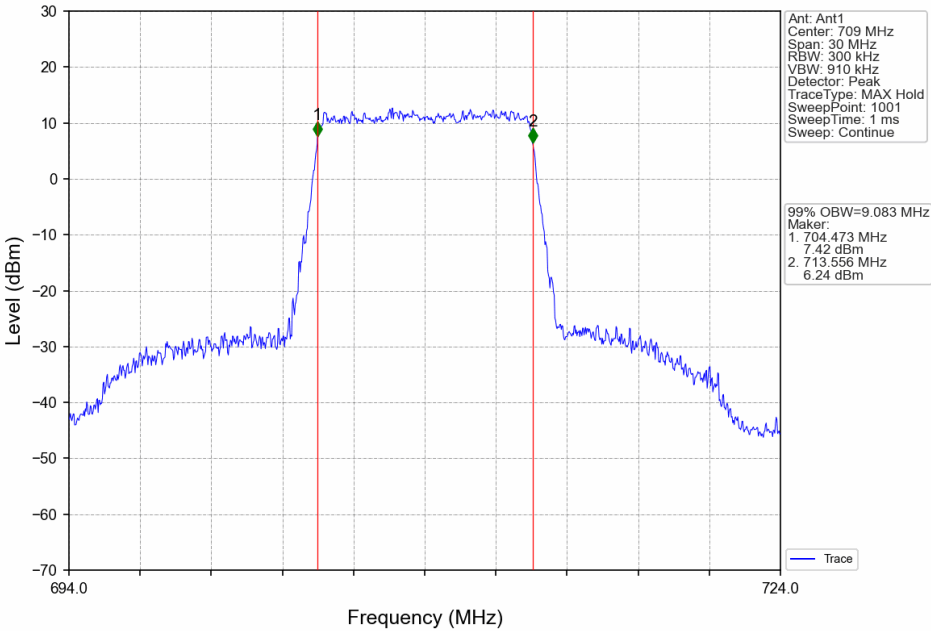
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTV



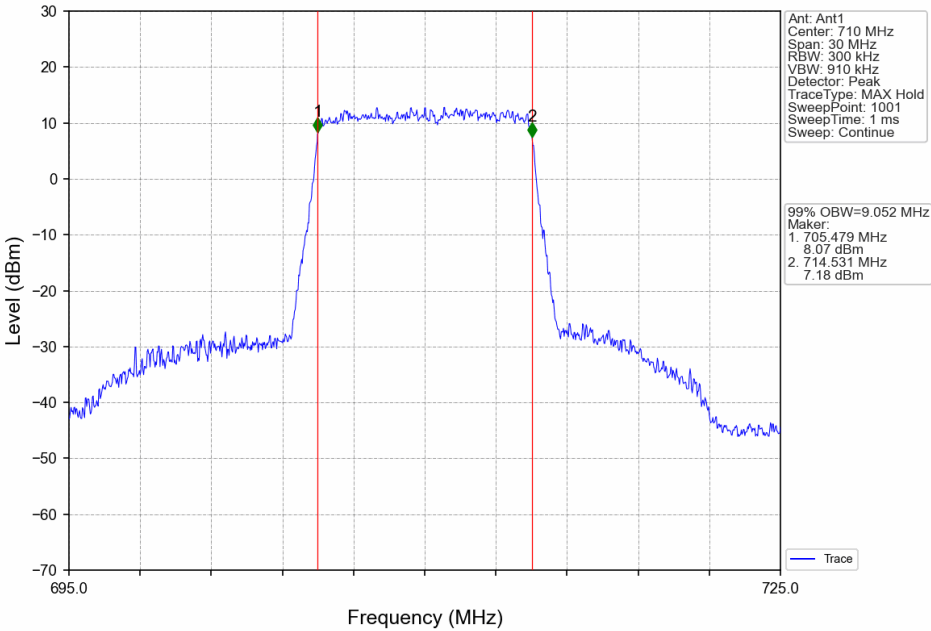
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTV



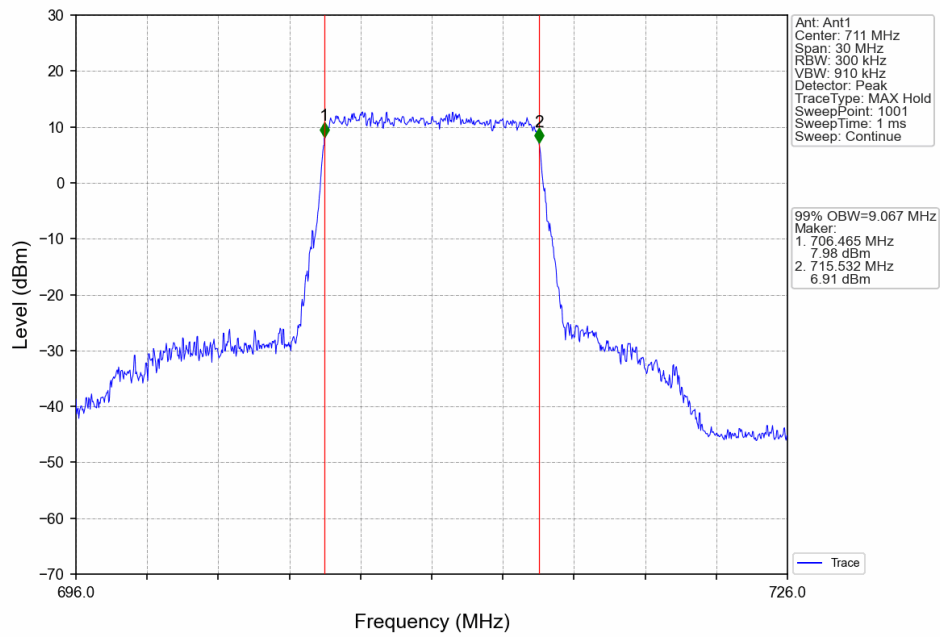
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



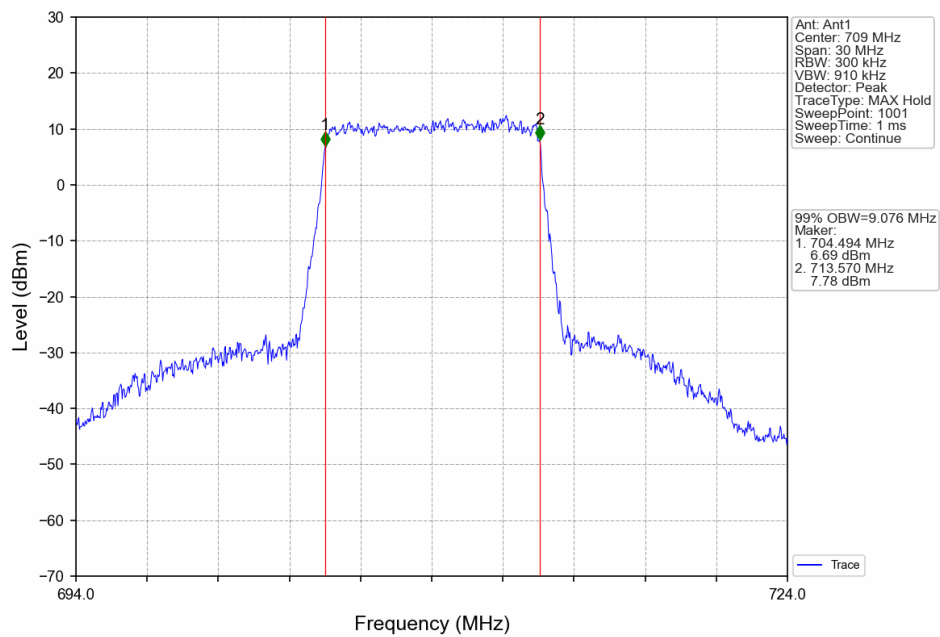
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



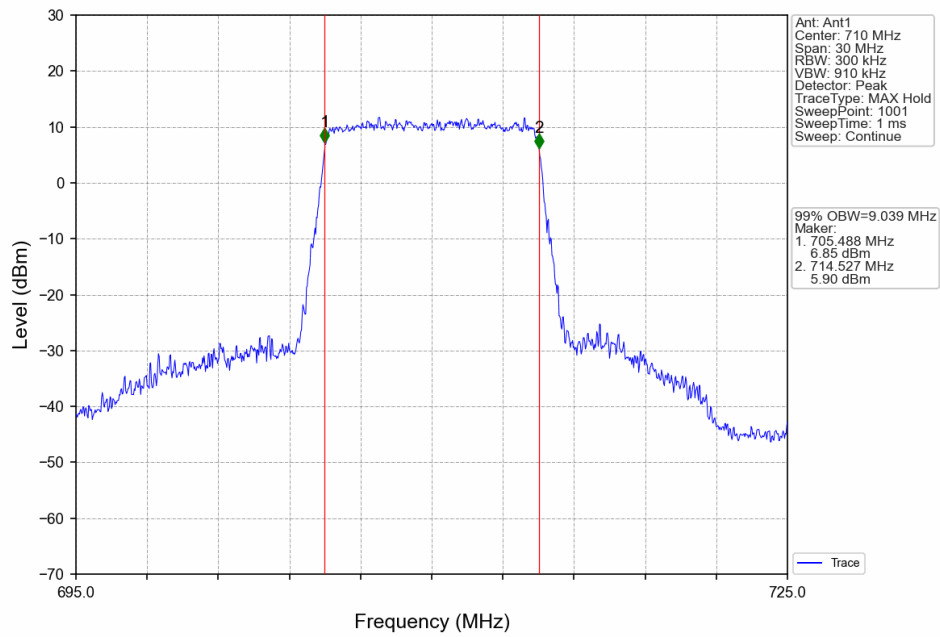
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



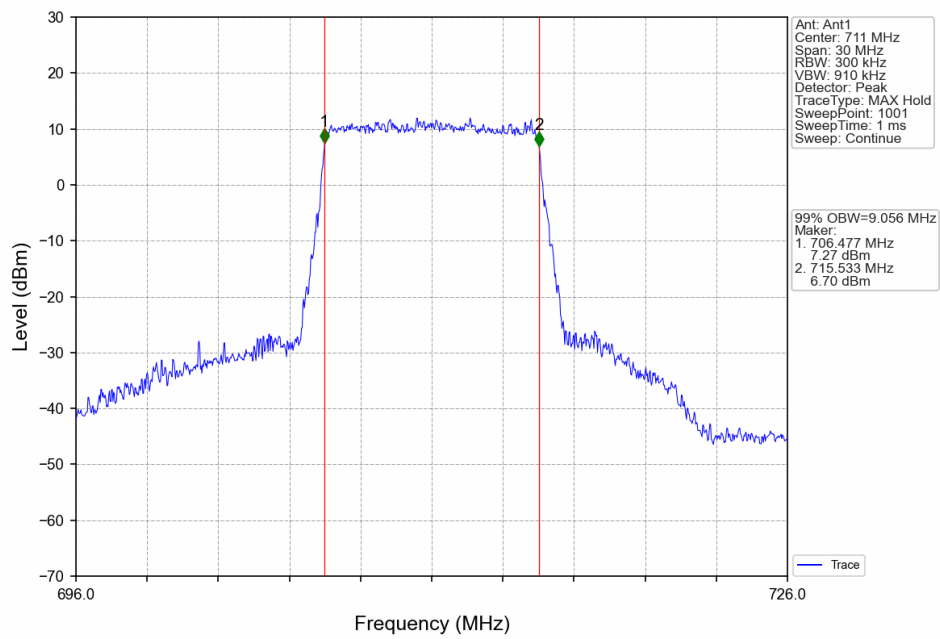
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

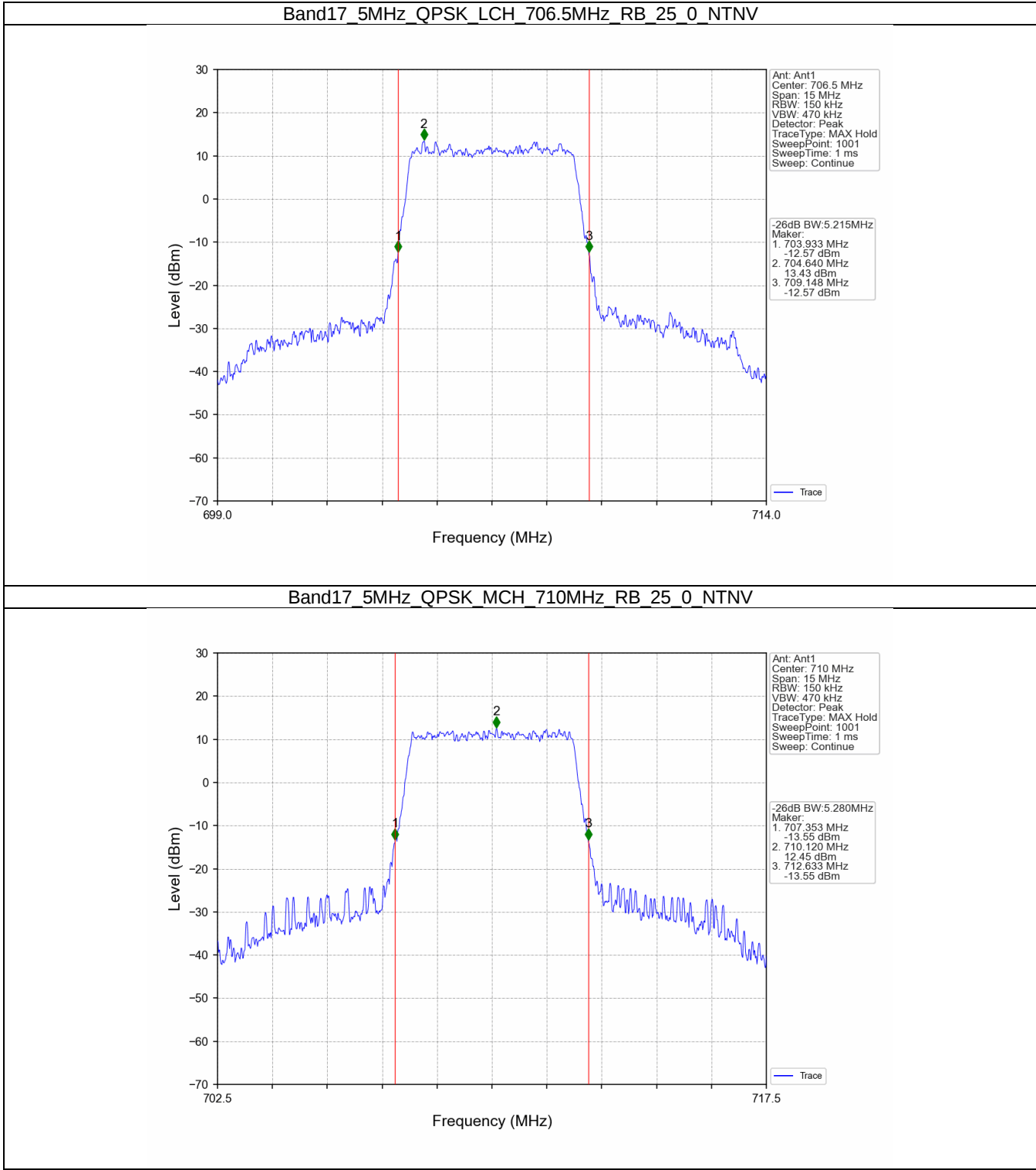


3.2 Band17_XDB

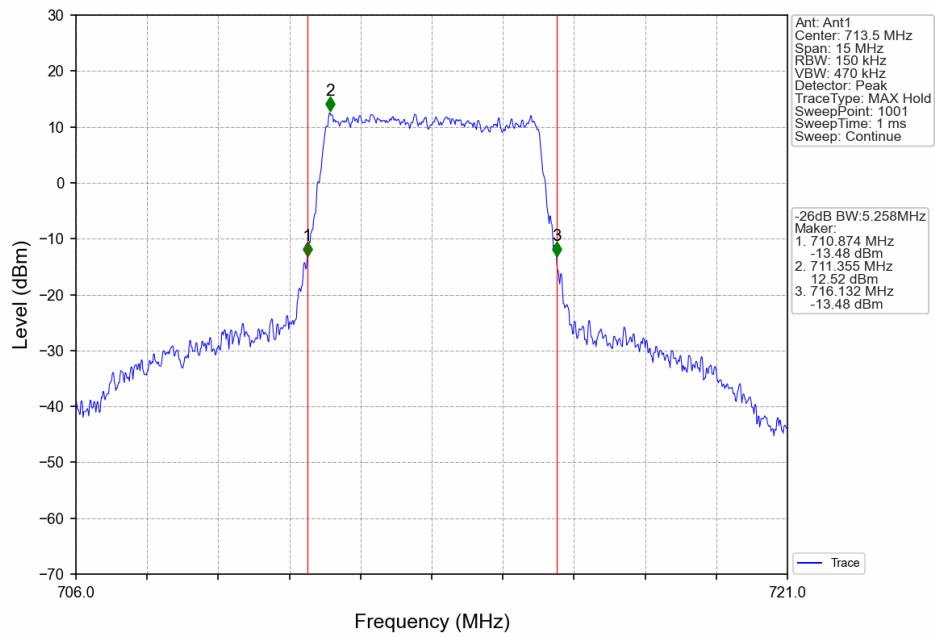
3.2.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.215	Pass
		710	25	0	5.280	Pass
		713.5	25	0	5.258	Pass
	16QAM	706.5	25	0	5.388	Pass
		710	25	0	5.243	Pass
		713.5	25	0	5.295	Pass
10	QPSK	709	50	0	10.338	Pass
		710	50	0	10.239	Pass
		711	50	0	10.326	Pass
	16QAM	709	50	0	10.182	Pass
		710	50	0	10.276	Pass
		711	50	0	10.266	Pass

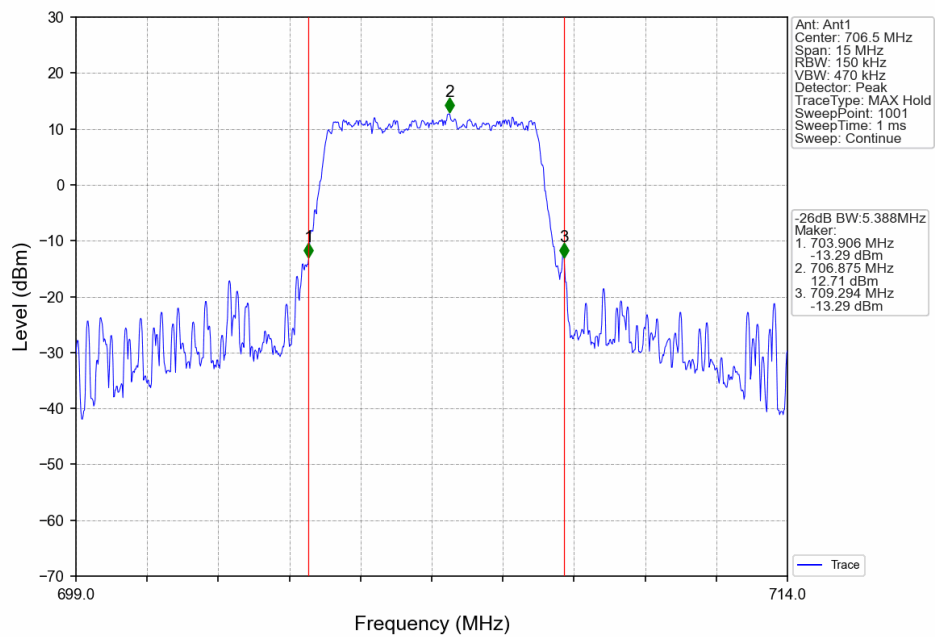
3.2.2 Test Graph



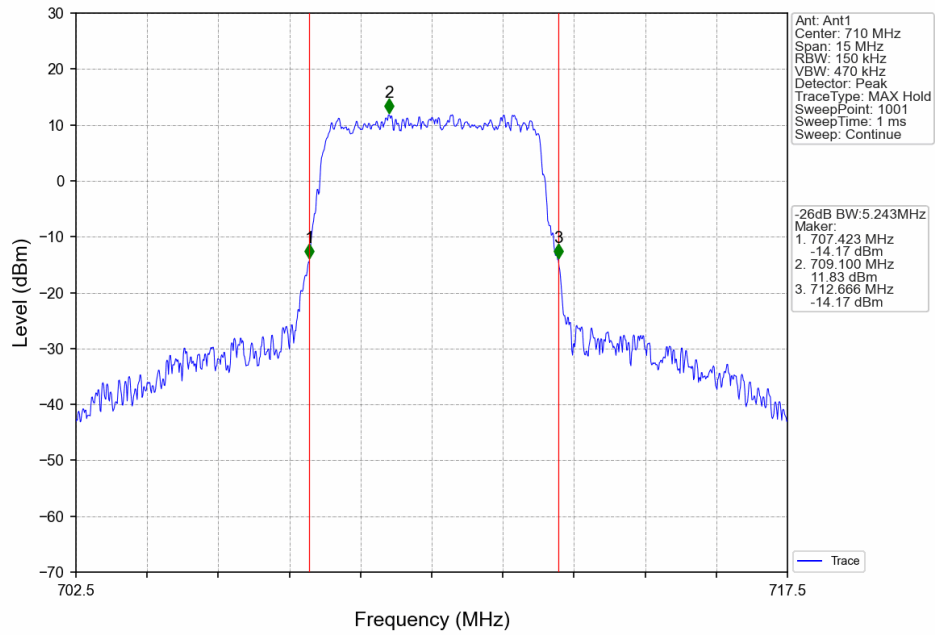
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



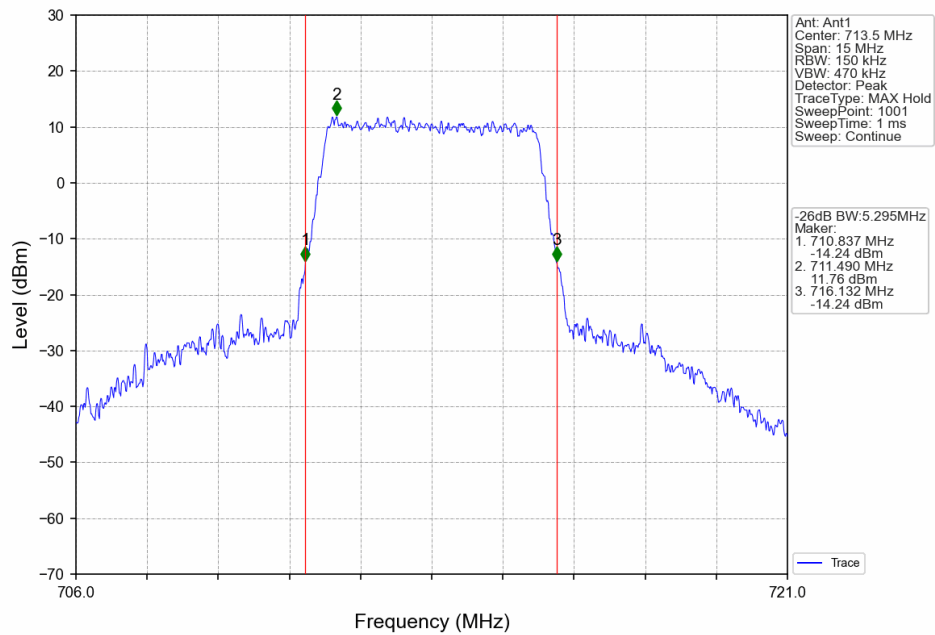
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



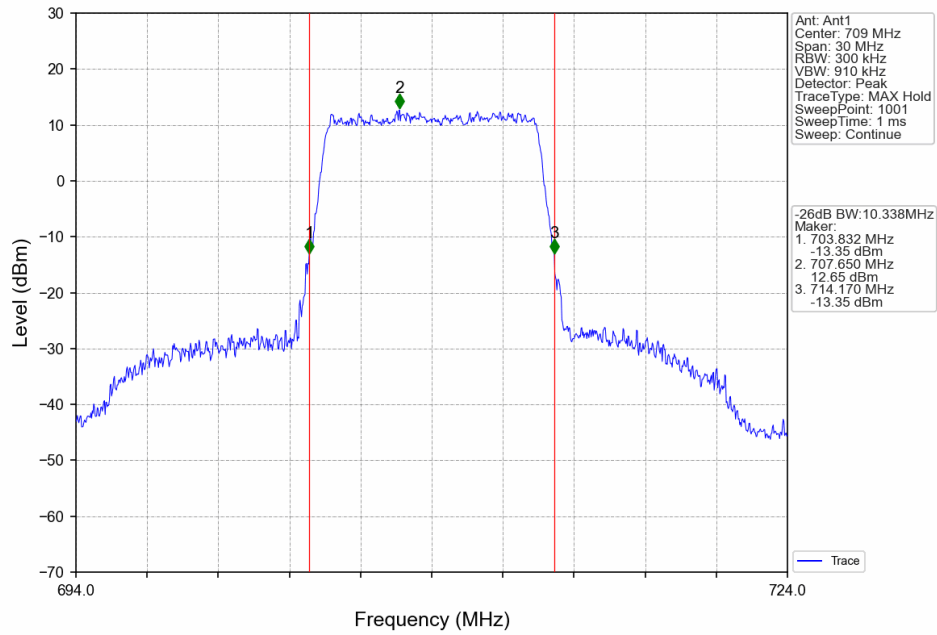
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTV



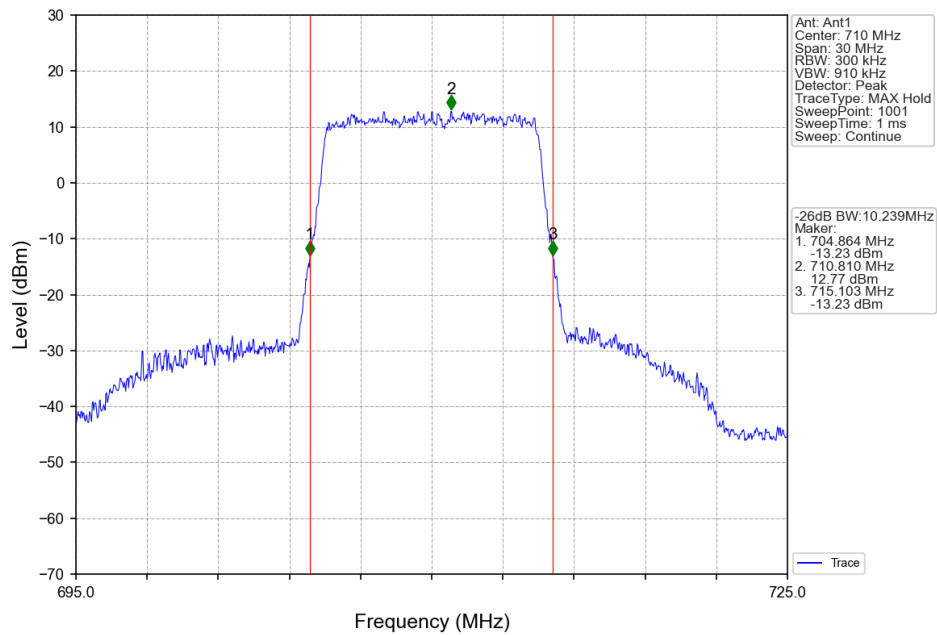
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTV



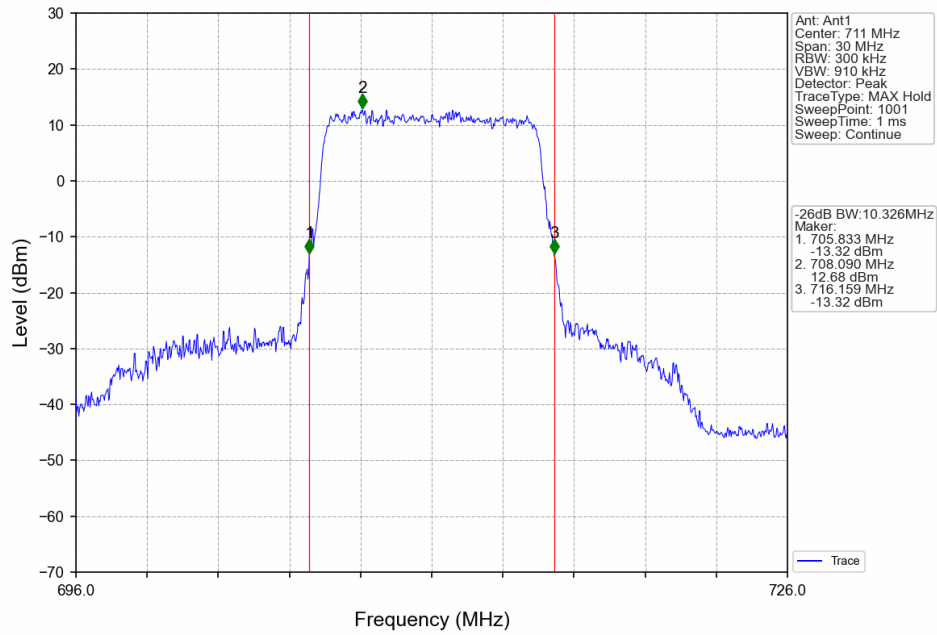
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



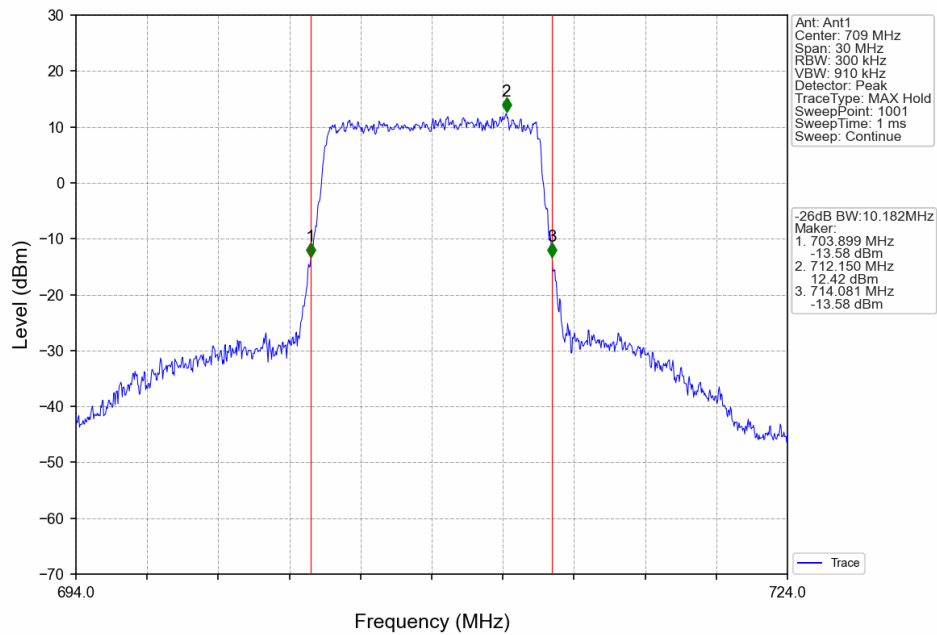
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



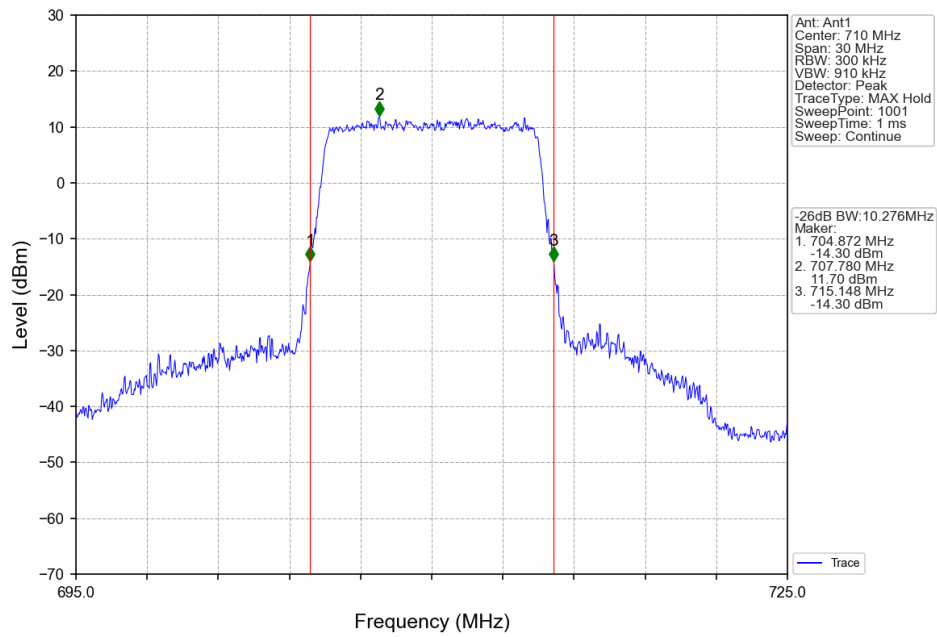
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



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

