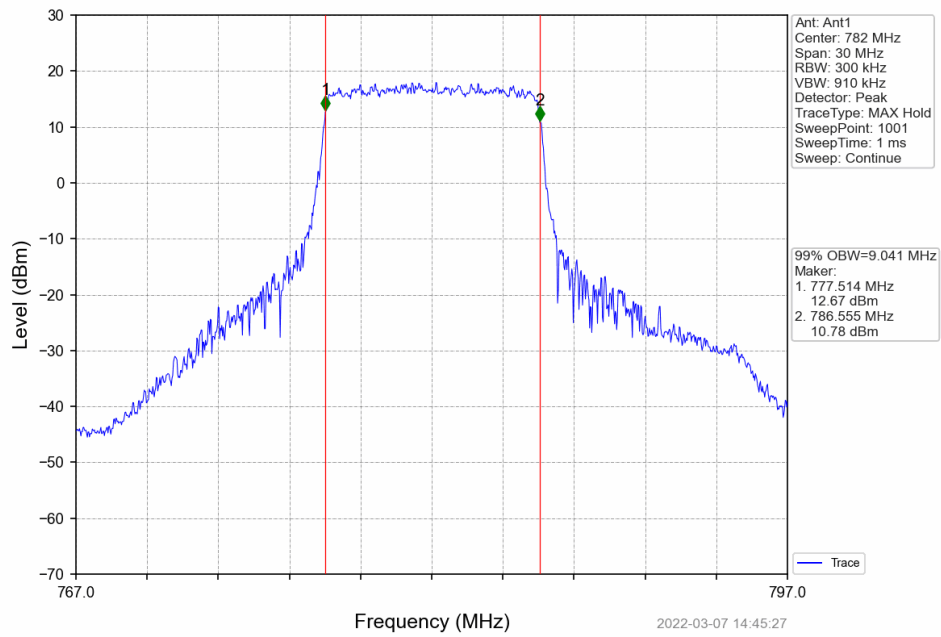
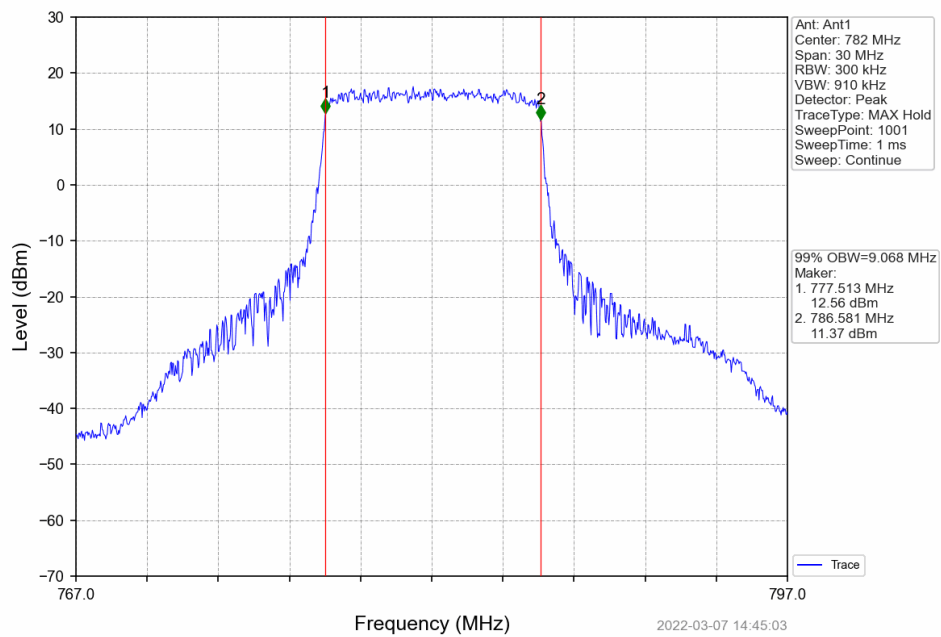


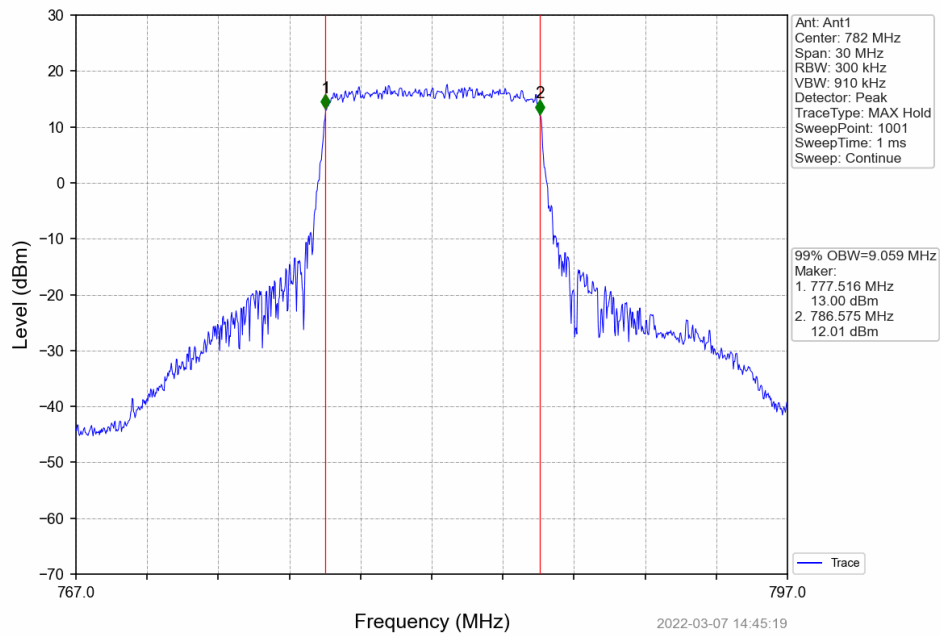
Band13 10MHz QPSK HCH 782MHz RB 50 0 NTN



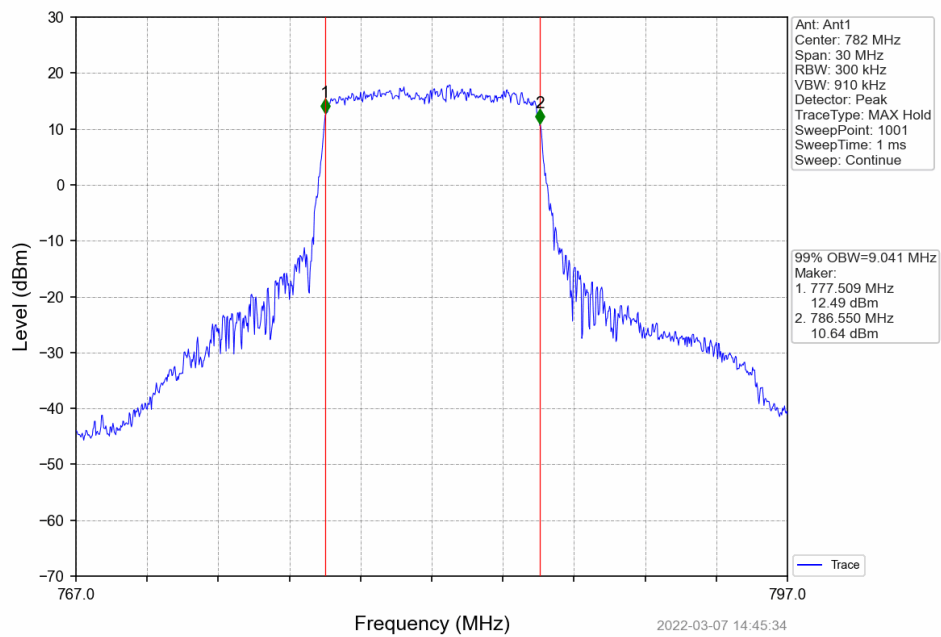
Band13_10MHz_16QAM_LCH_782MHz_RB_50_0 NTN



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV

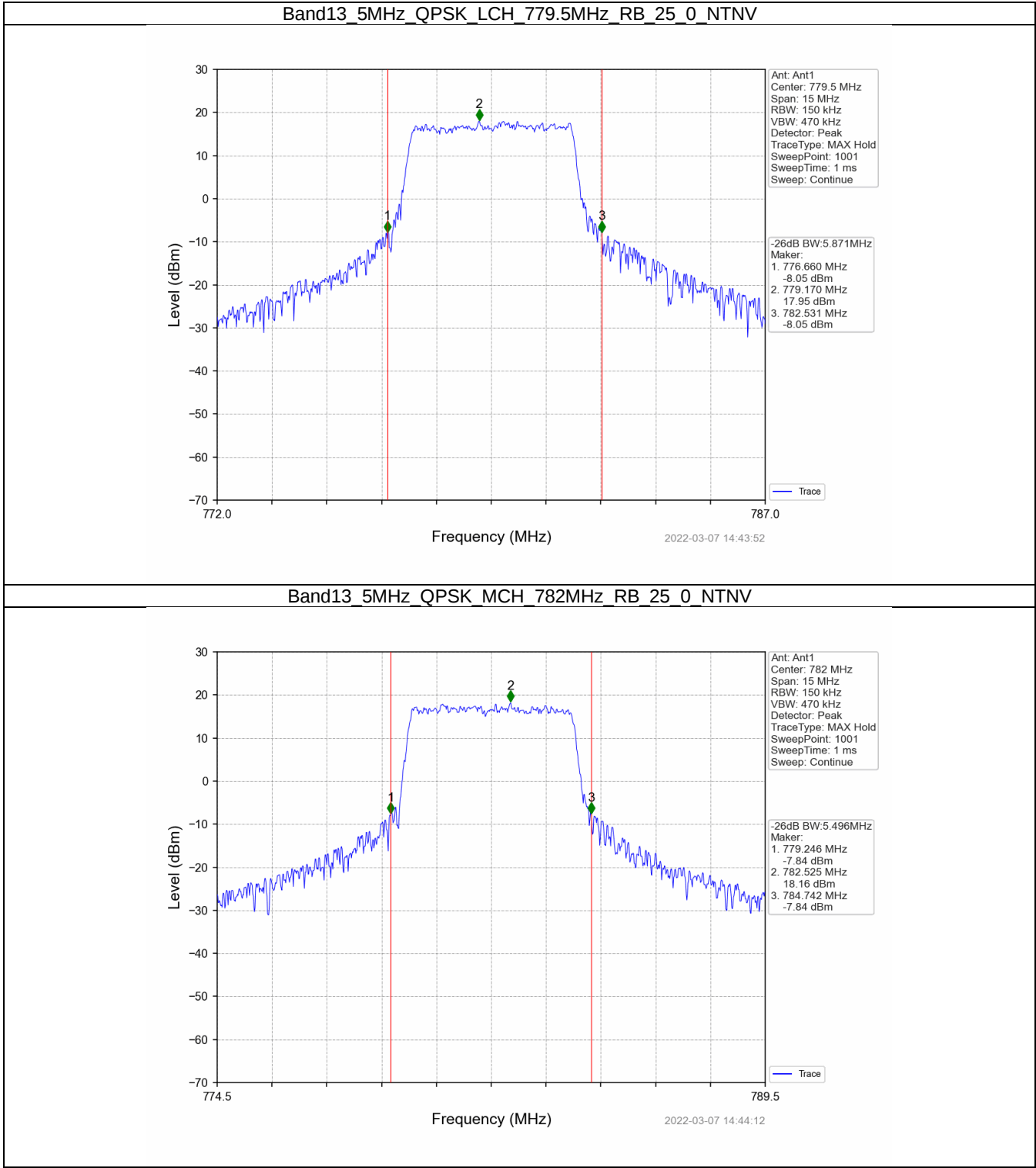


5.2 Band13_XDB

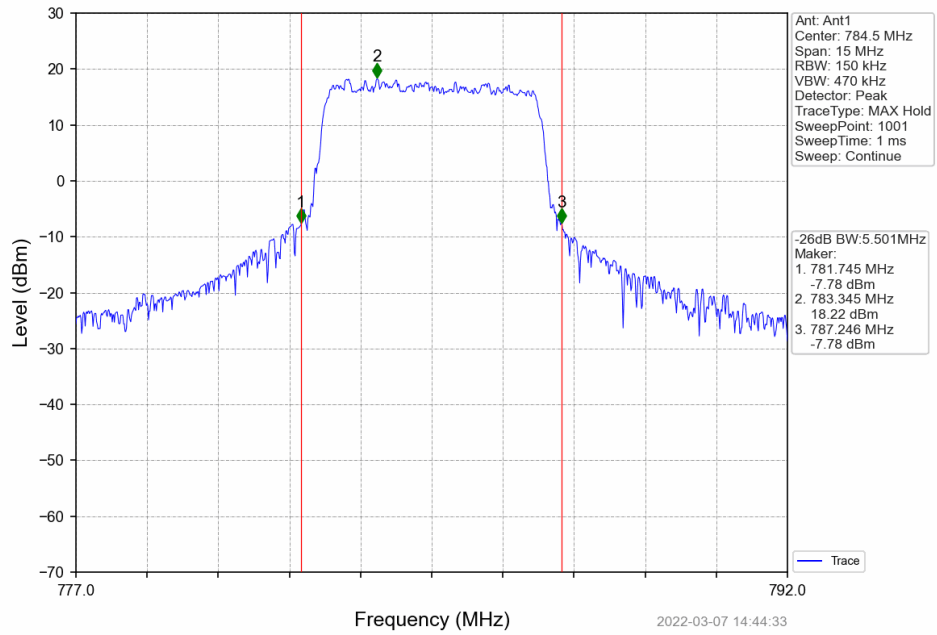
5.2.1 Test Result

Band: 13 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	779.5	25	0	5.871	Pass
		782	25	0	5.496	Pass
		784.5	25	0	5.501	Pass
	16QAM	779.5	25	0	5.470	Pass
		782	25	0	5.623	Pass
		784.5	25	0	5.499	Pass
10	QPSK	782	50	0	10.253	Pass
		782	50	0	10.381	Pass
		782	50	0	10.317	Pass
	16QAM	782	50	0	10.280	Pass
		782	50	0	10.091	Pass
		782	50	0	10.213	Pass

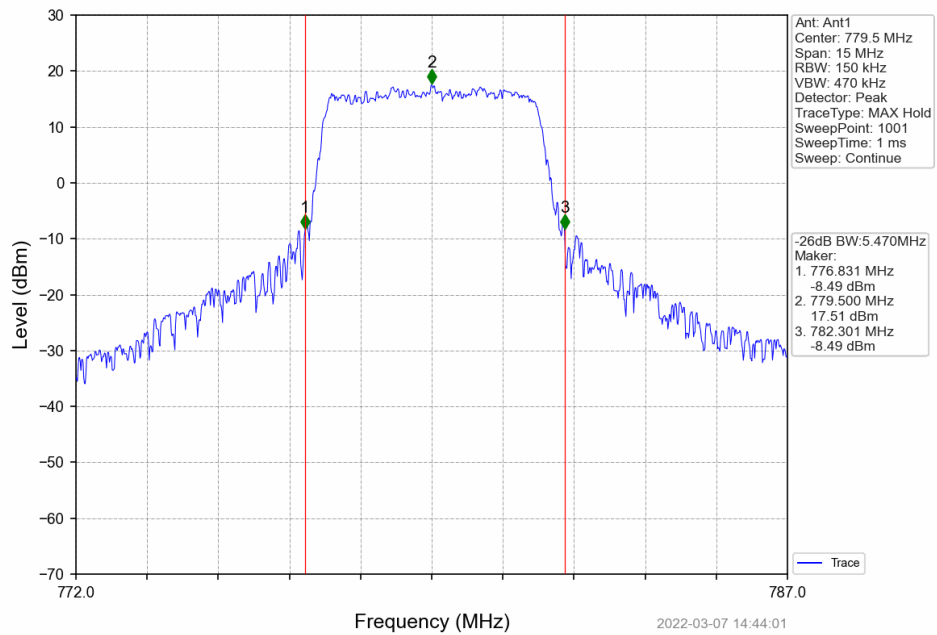
5.2.2 Test Graph



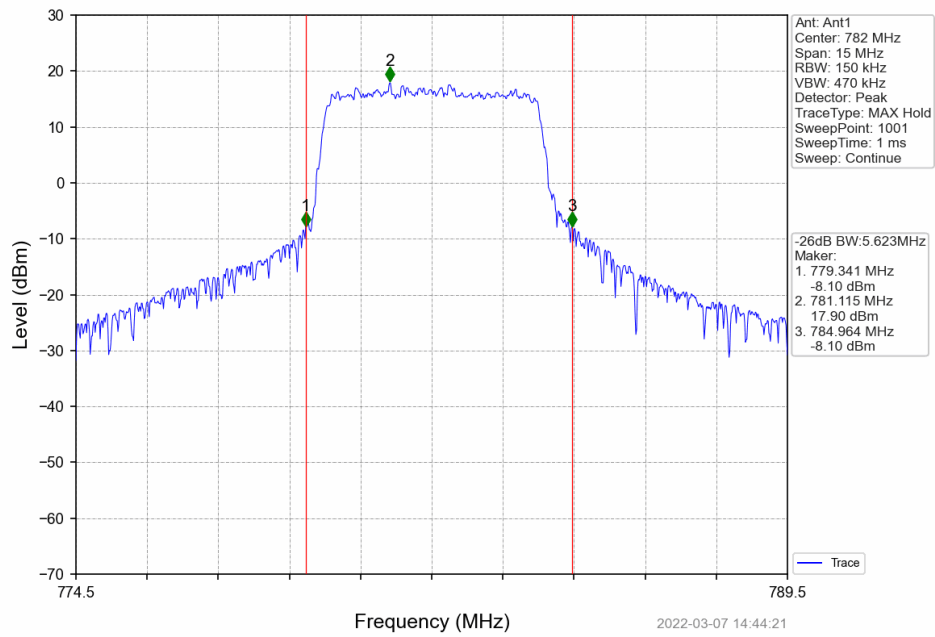
Band13 5MHz QPSK HCH 784.5MHz RB 25 0 NTNV



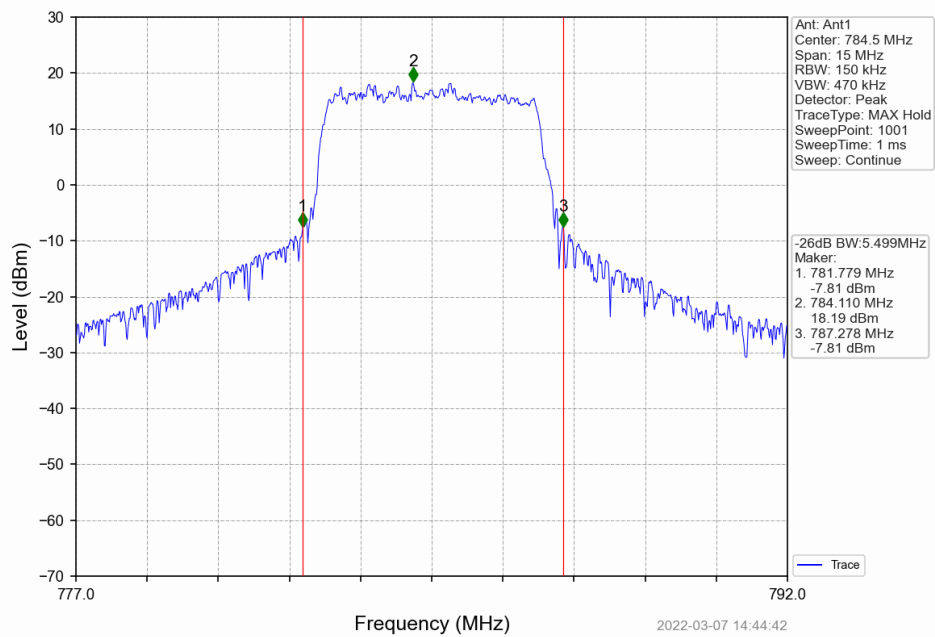
Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



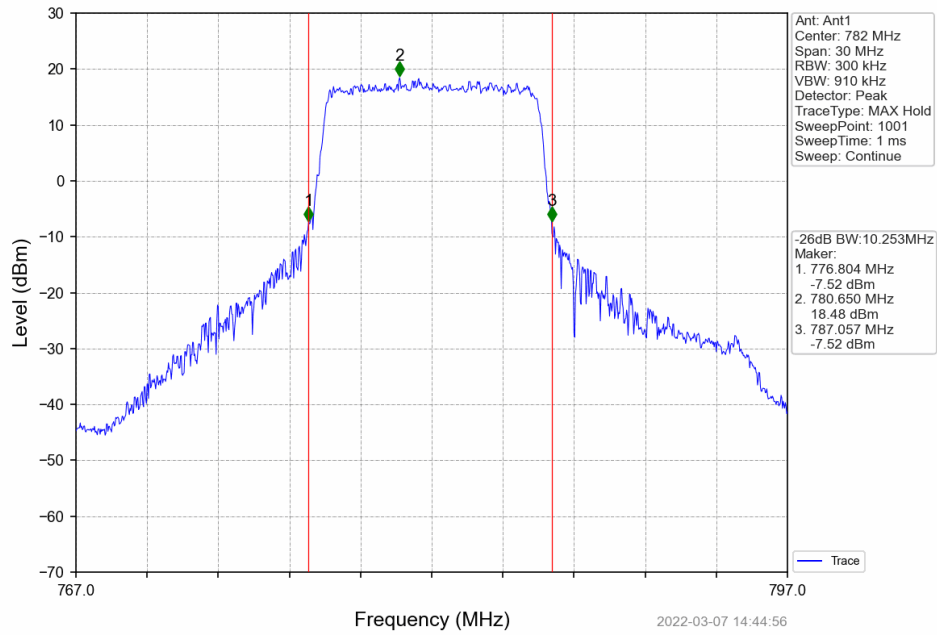
Band13 5MHz 16QAM MCH 782MHz RB 25 0 NTN



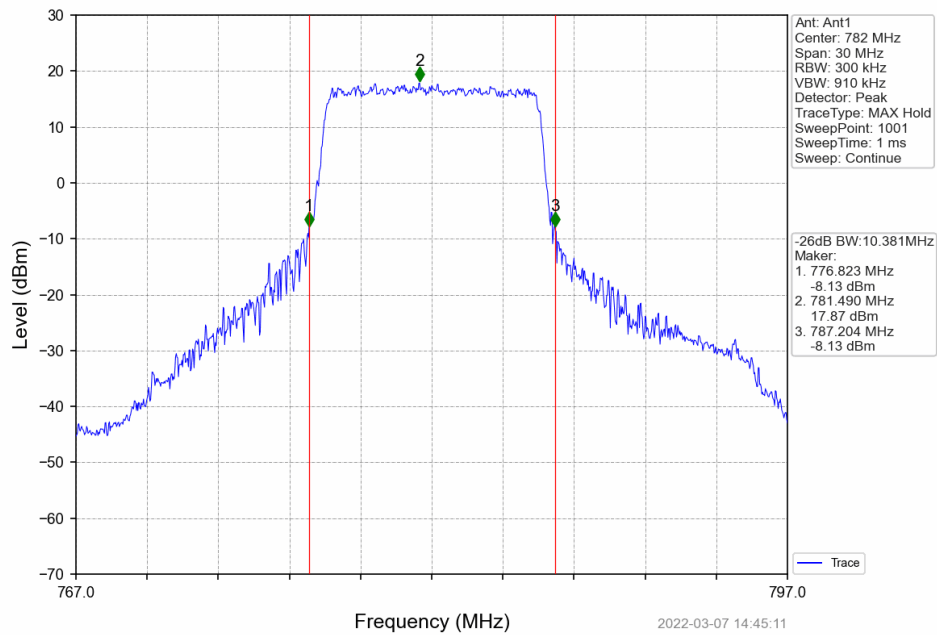
Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0 NTN



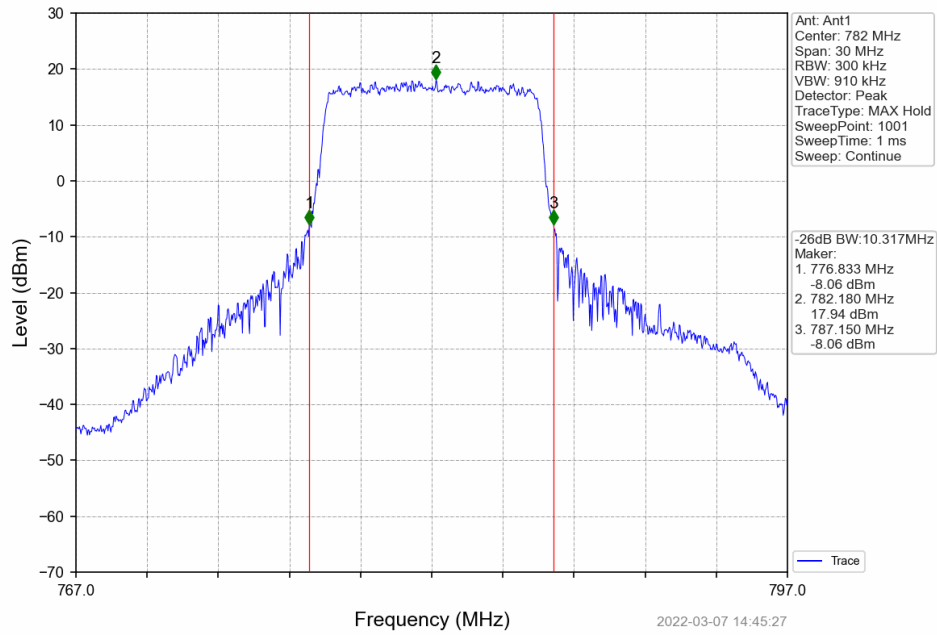
Band13 10MHz QPSK LCH 782MHz RB 50 0 NTN



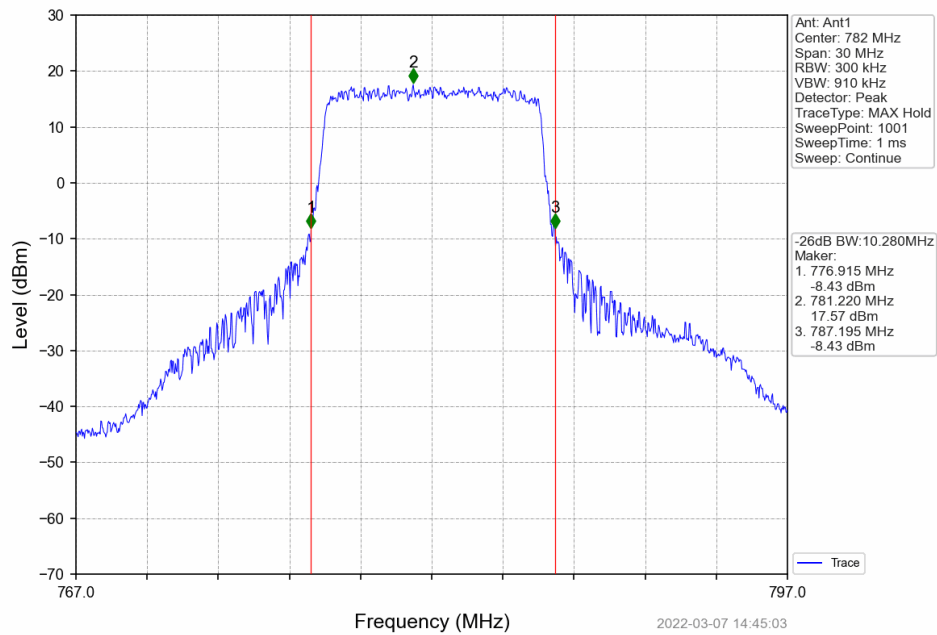
Band13 10MHz QPSK MCH 782MHz RB 50 0 NTN



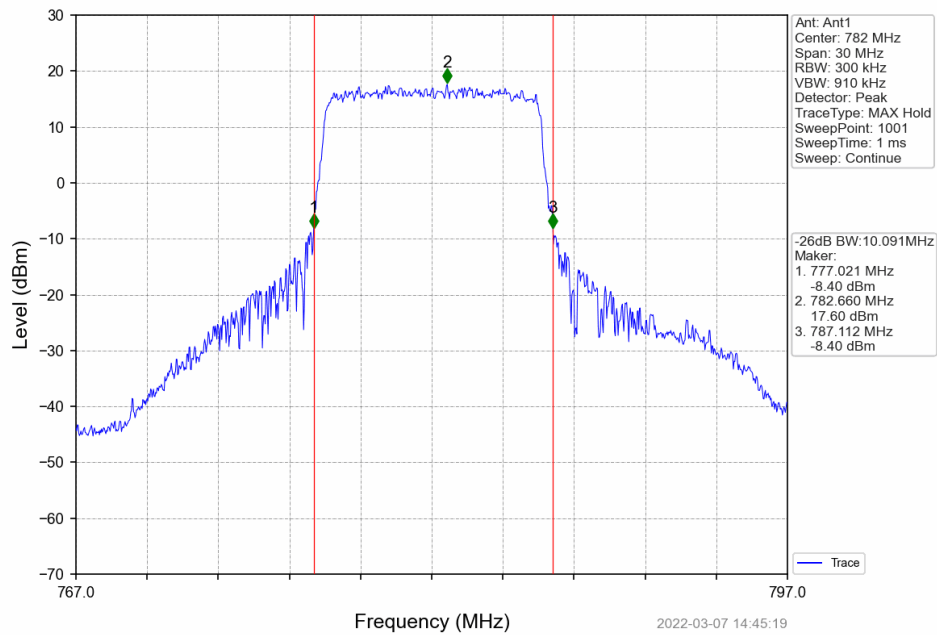
Band13 10MHz QPSK HCH 782MHz RB 50 0 NTN



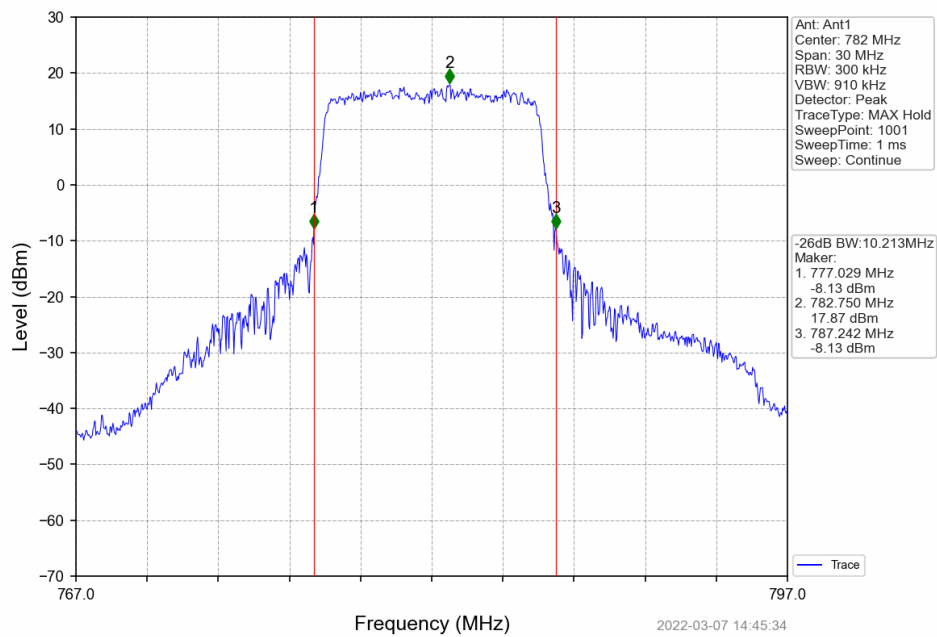
Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTN



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



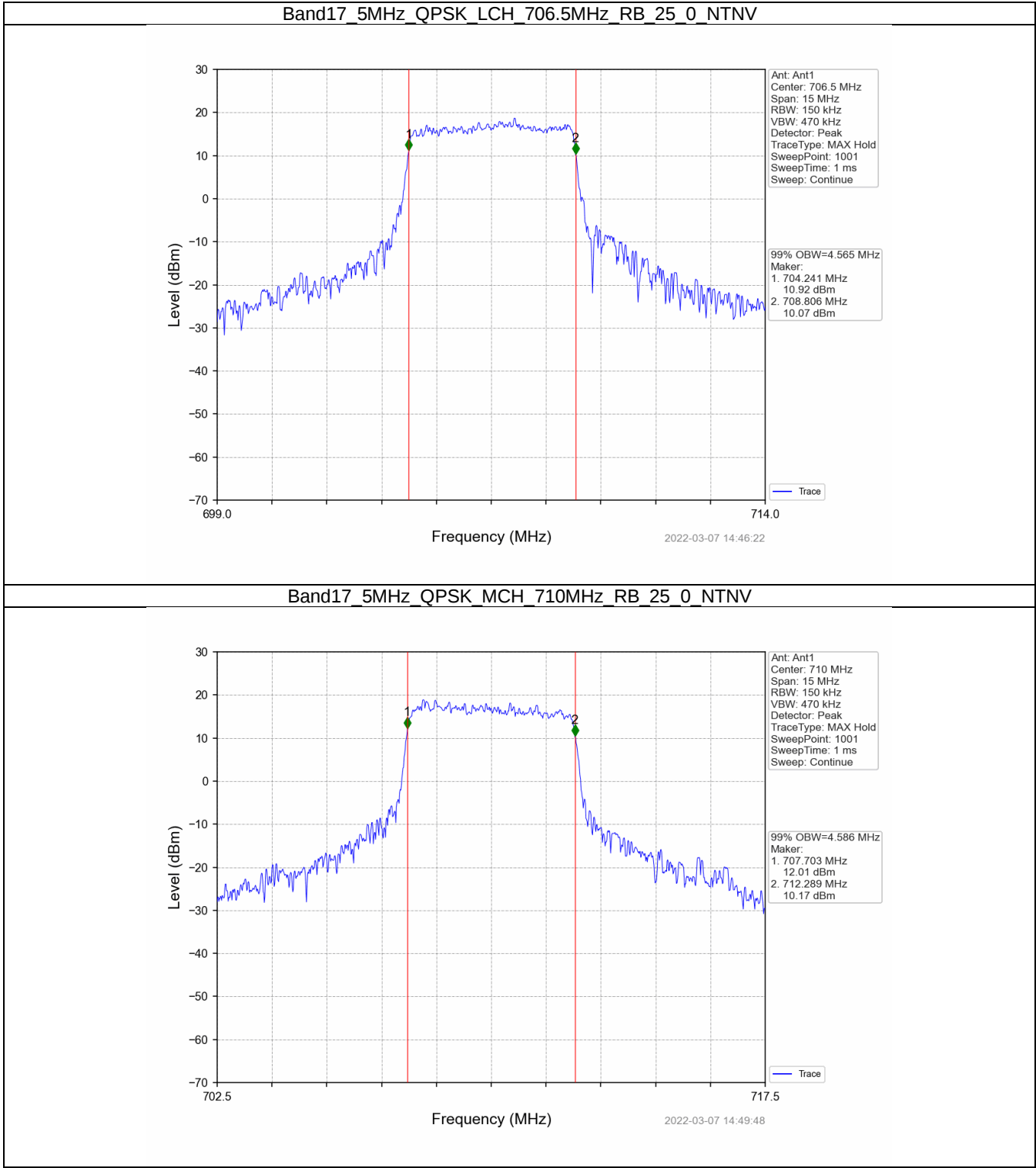
6. 99% & 26dB Bandwidth

6.1 Band17_OBW

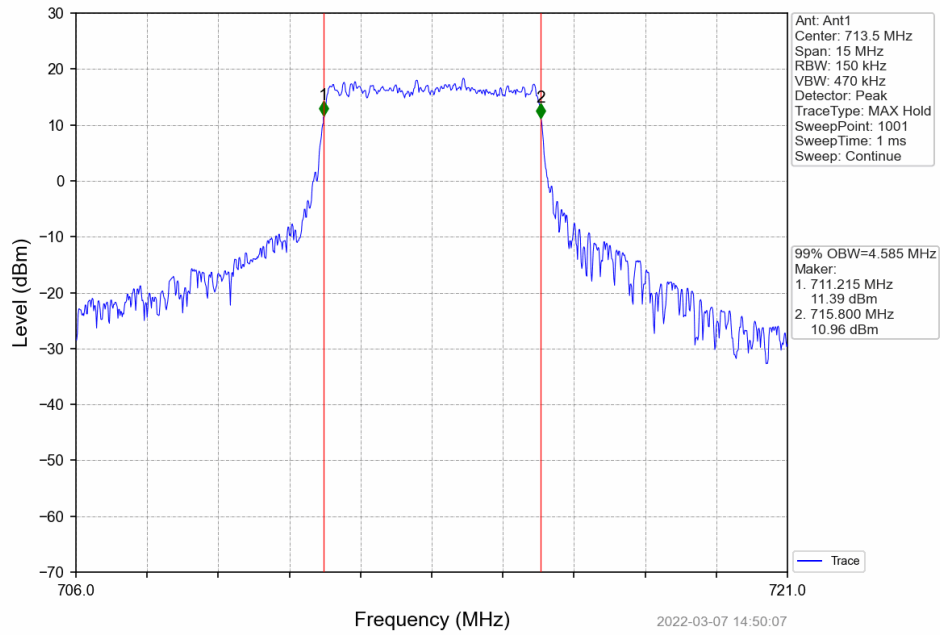
6.1.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	4.565	Pass
		710	25	0	4.586	Pass
		713.5	25	0	4.585	Pass
	16QAM	706.5	25	0	4.588	Pass
		710	25	0	4.565	Pass
		713.5	25	0	4.585	Pass
10	QPSK	709	50	0	9.043	Pass
		710	50	0	9.043	Pass
		711	50	0	9.072	Pass
	16QAM	709	50	0	9.065	Pass
		710	50	0	9.069	Pass
		711	50	0	9.070	Pass

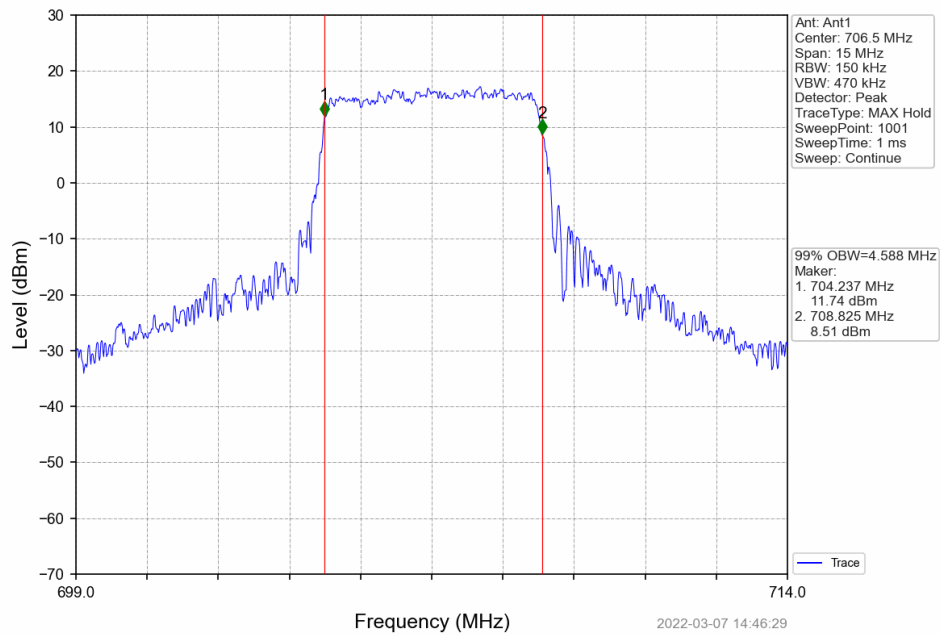
6.1.2 Test Graph



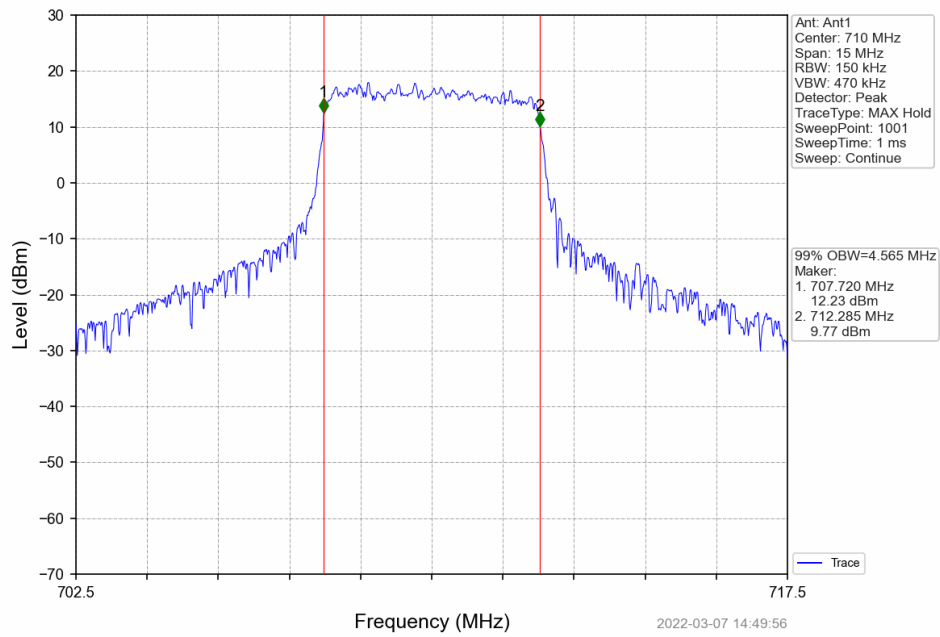
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



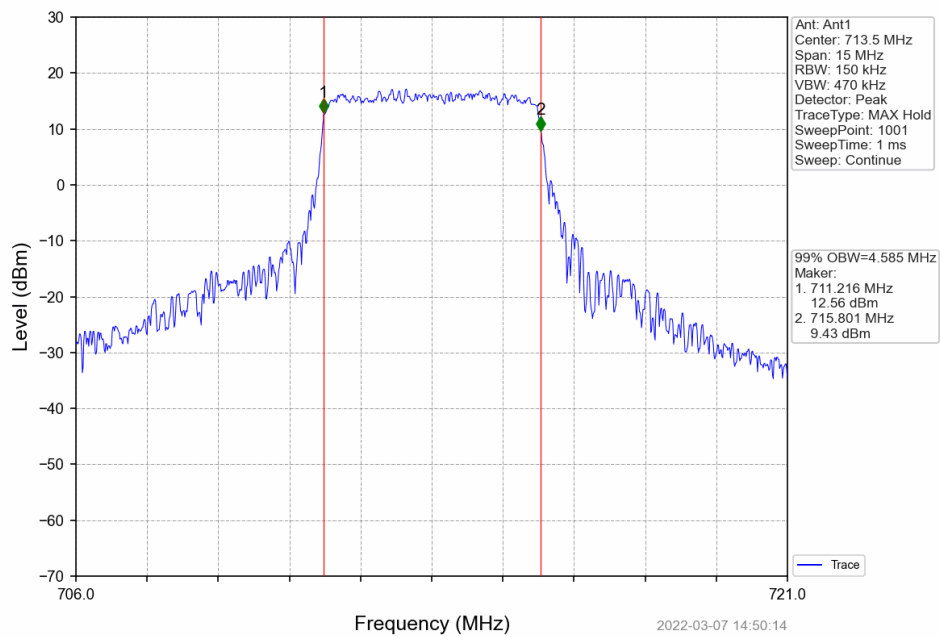
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



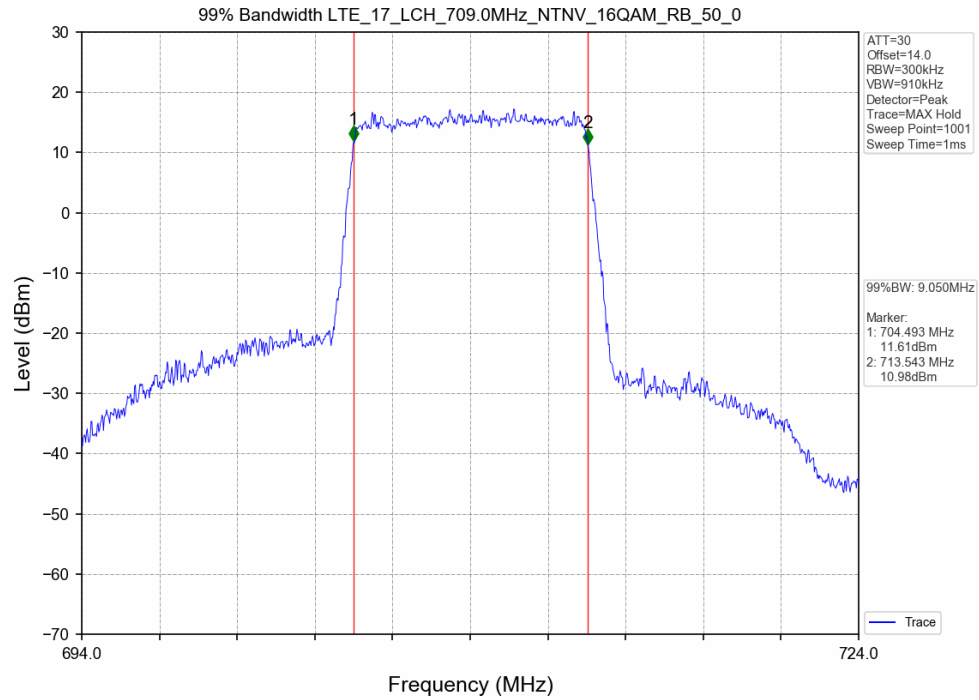
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTN



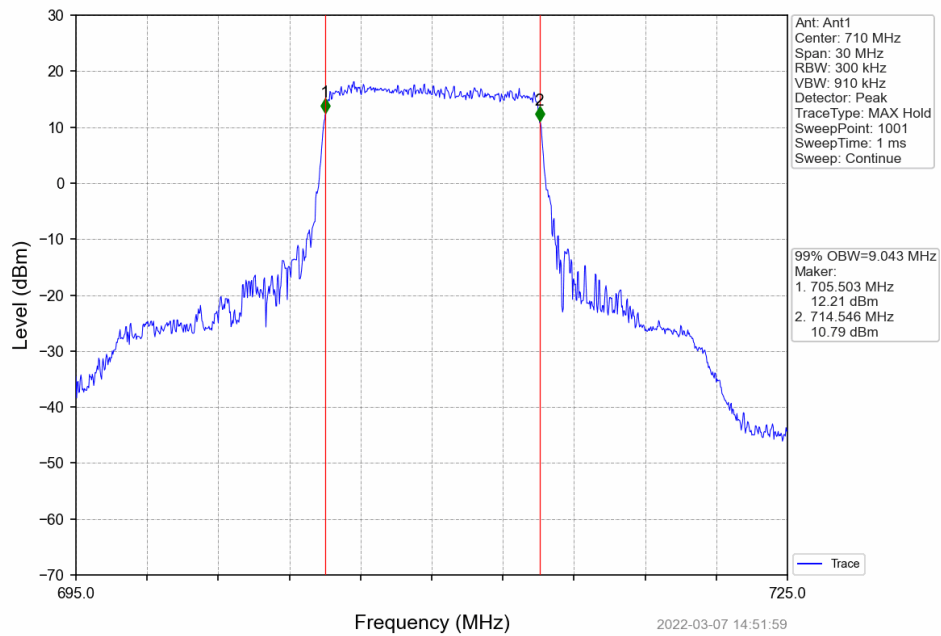
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0 NTN



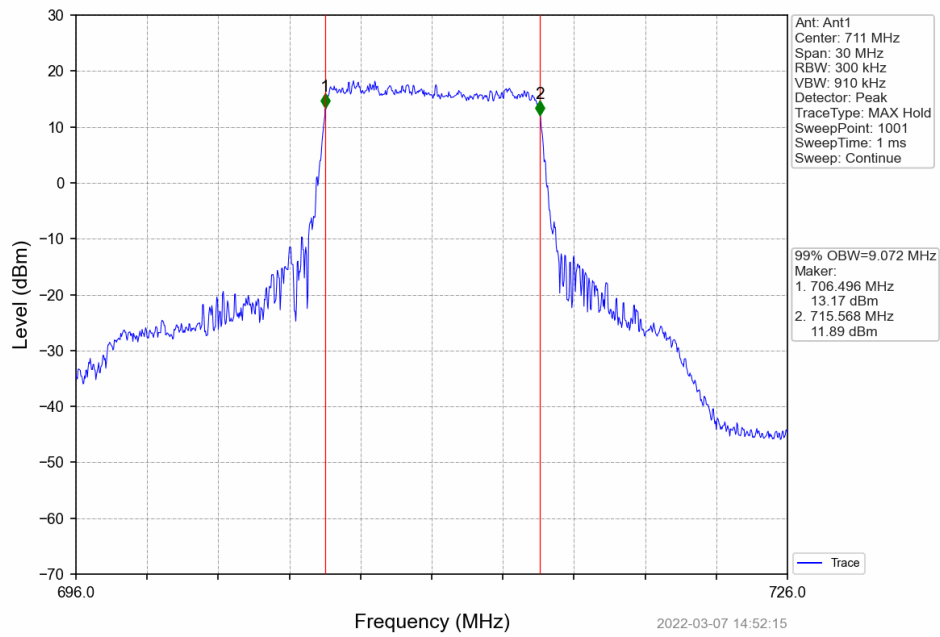
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



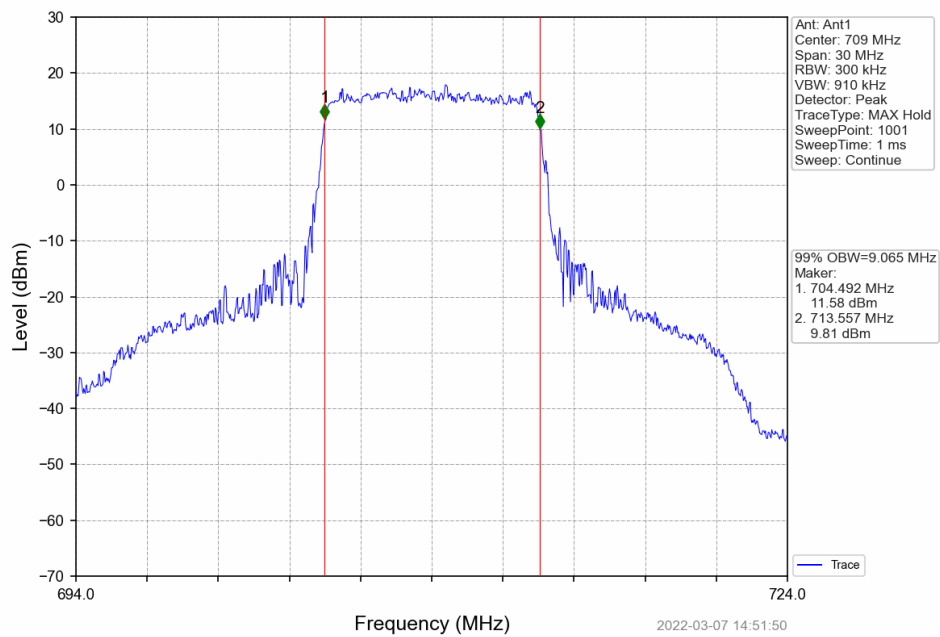
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



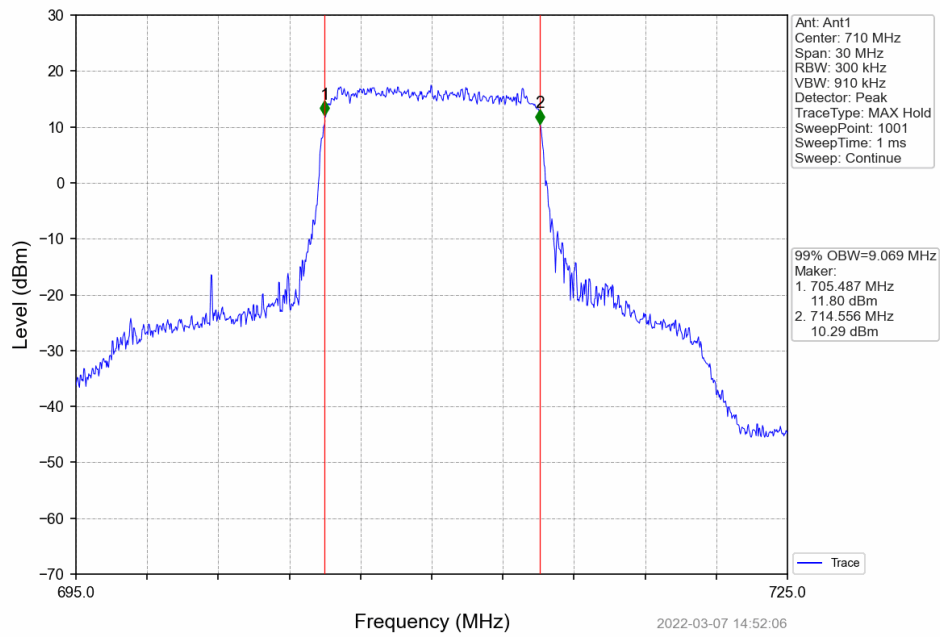
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



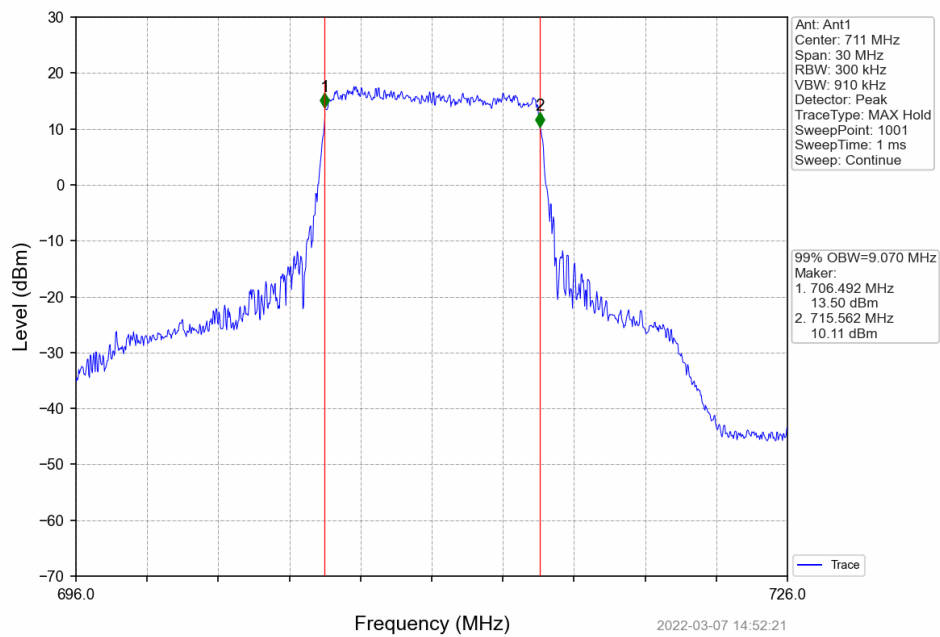
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

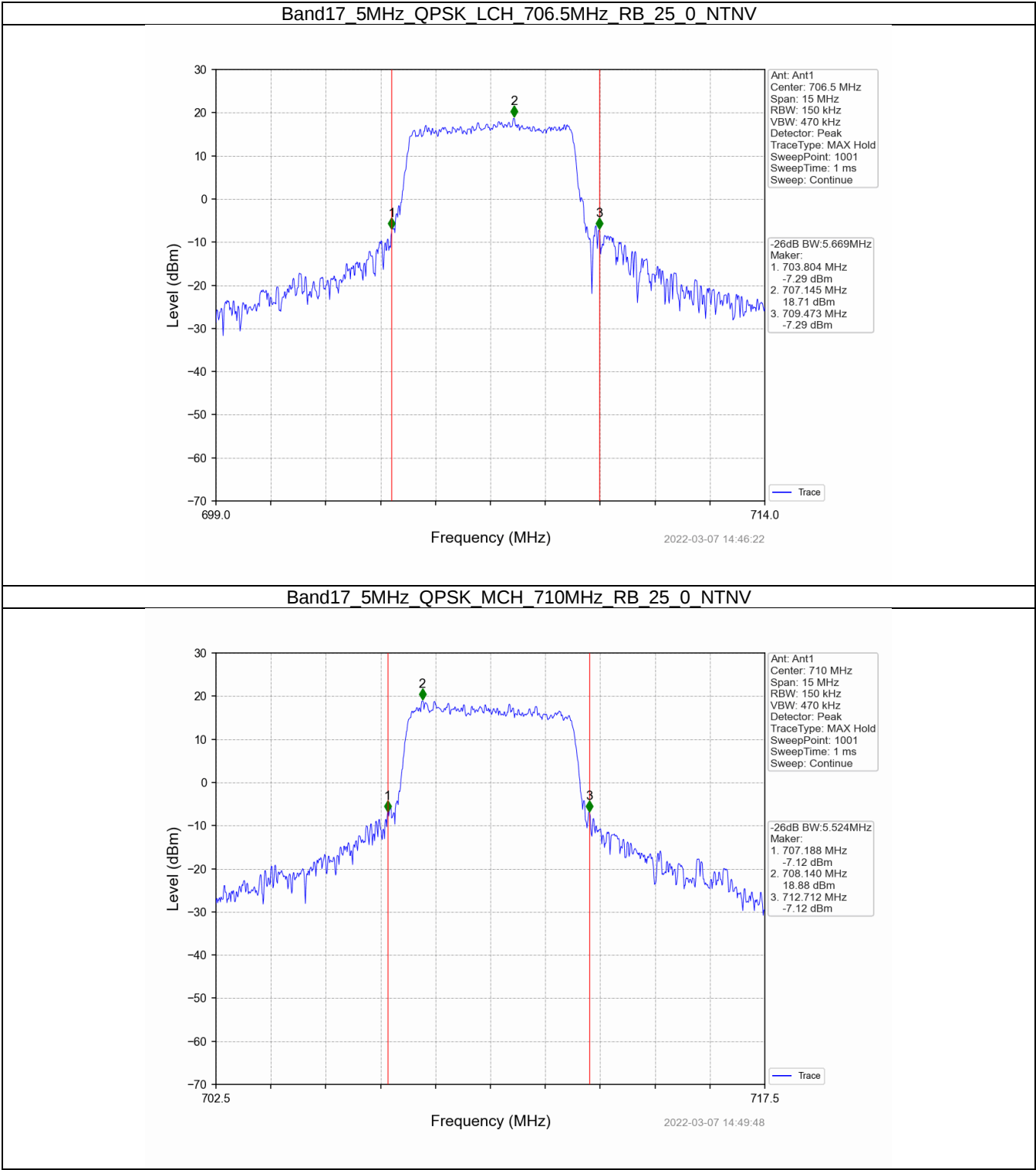


6.2 Band17_XDB

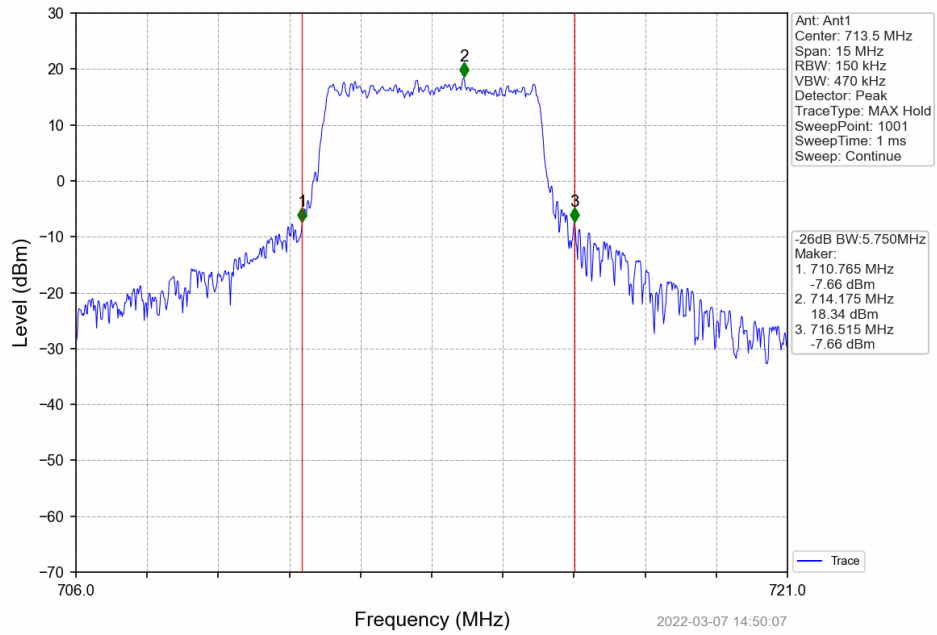
6.2.1 Test Result

Band: 17 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	706.5	25	0	5.669	Pass
		710	25	0	5.524	Pass
		713.5	25	0	5.750	Pass
	16QAM	706.5	25	0	5.743	Pass
		710	25	0	5.556	Pass
		713.5	25	0	5.524	Pass
10	QPSK	709	50	0	10.033	Pass
		710	50	0	10.198	Pass
		711	50	0	10.342	Pass
	16QAM	709	50	0	10.550	Pass
		710	50	0	10.150	Pass
		711	50	0	10.334	Pass

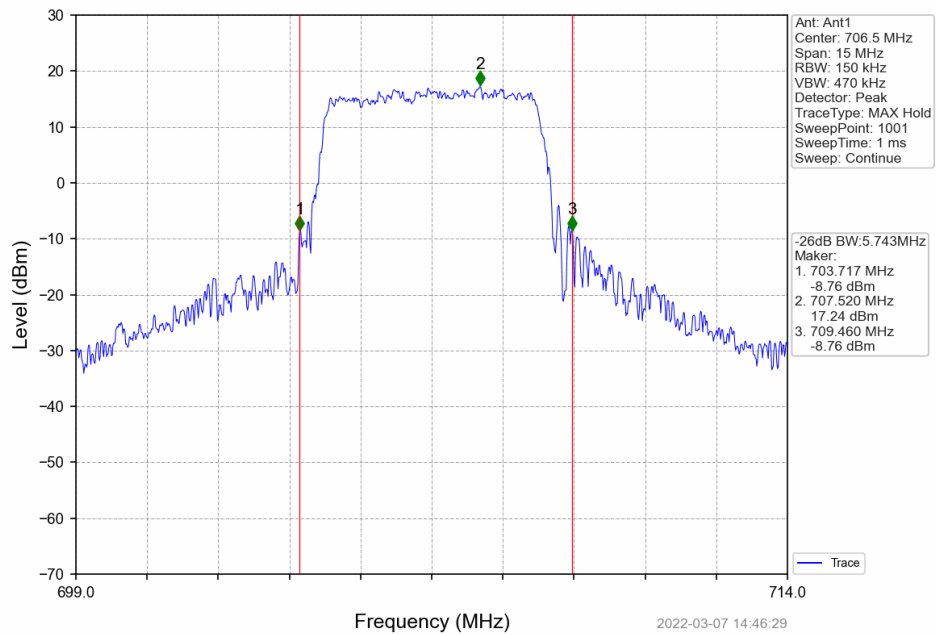
6.2.2 Test Graph



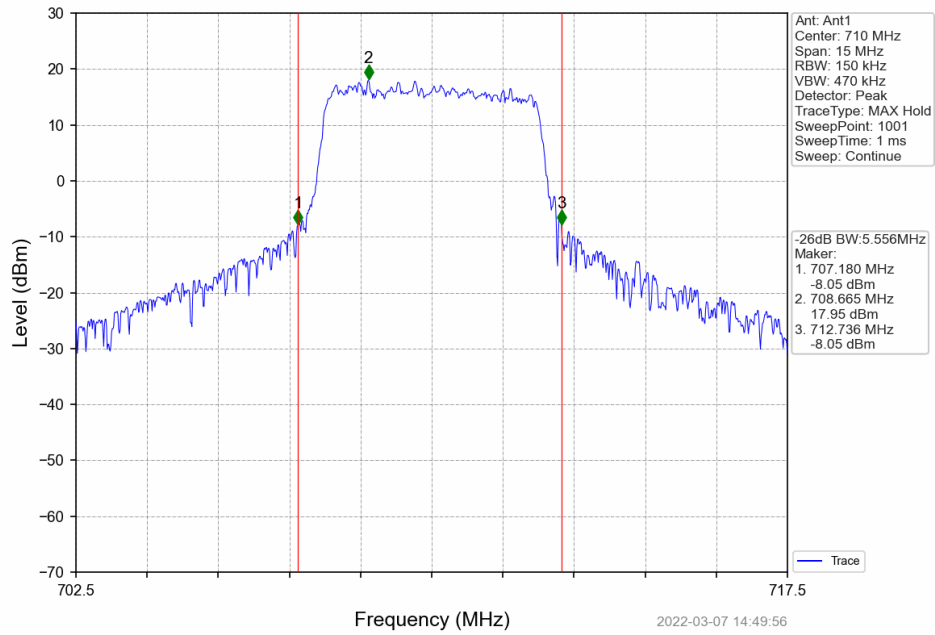
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



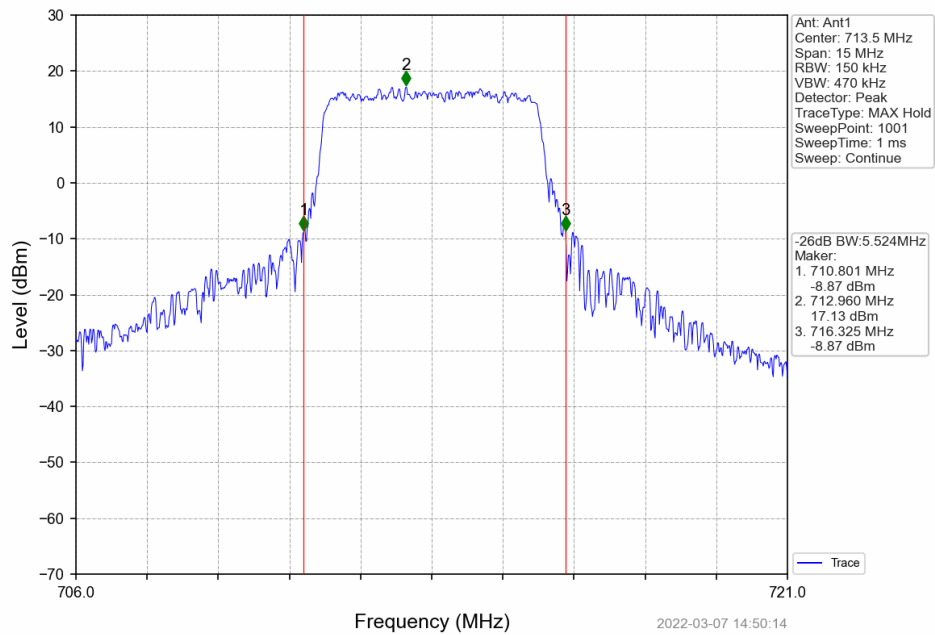
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



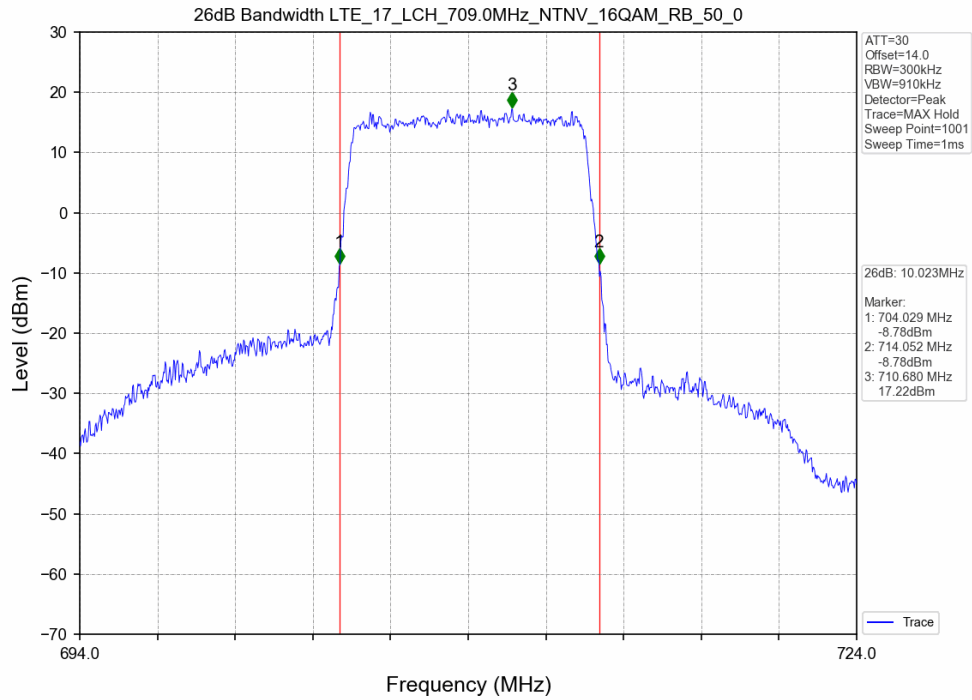
Band17 5MHz 16QAM MCH 710MHz RB 25 0 NTN



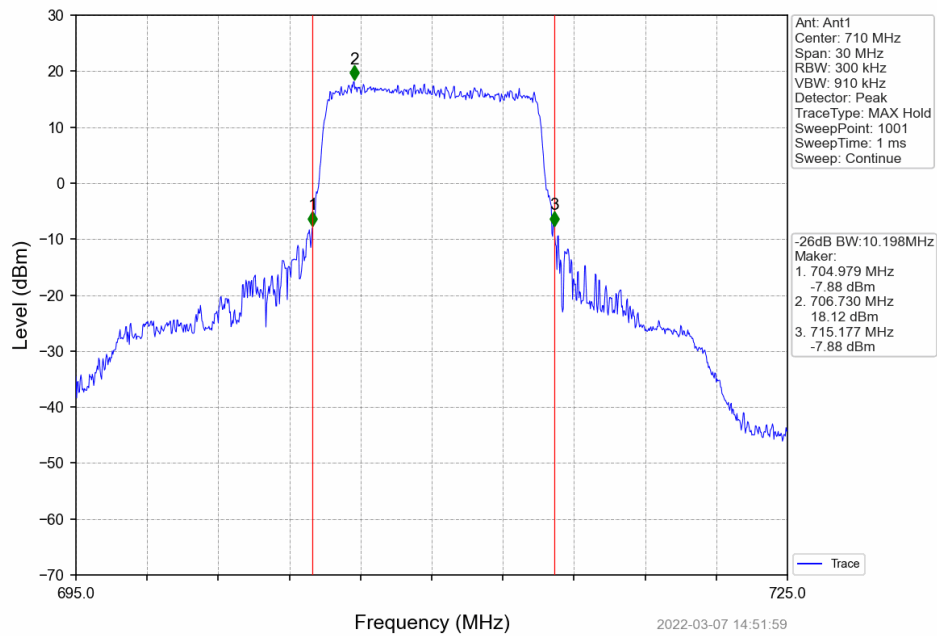
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0 NTN



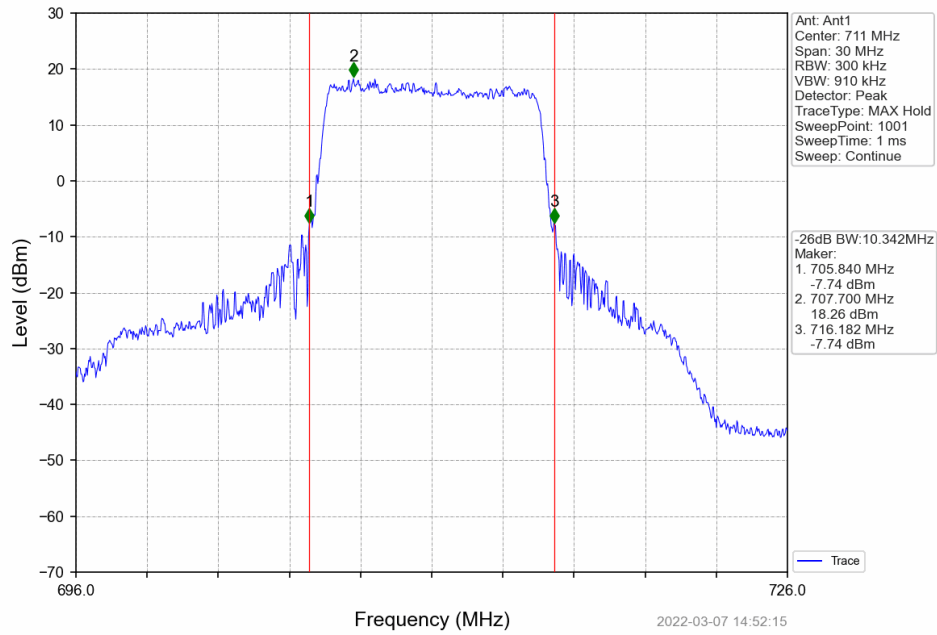
Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



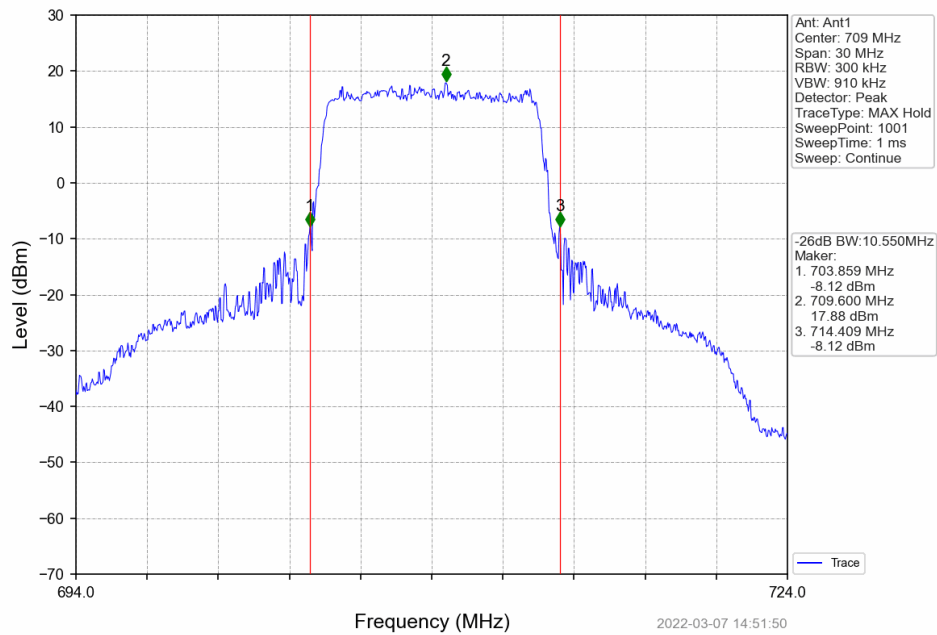
Band17 10MHz QPSK MCH 710MHz RB 50 0 NTN



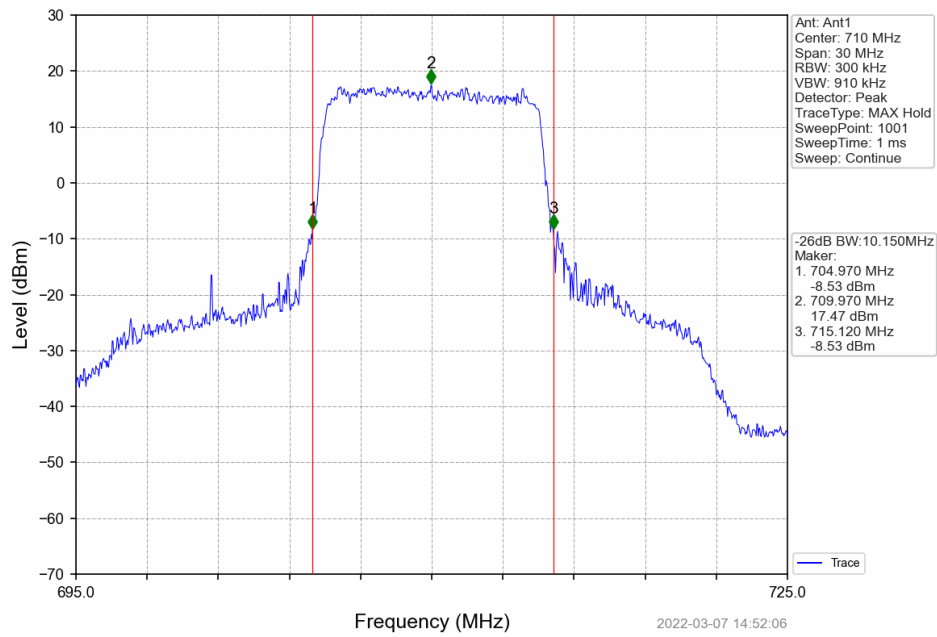
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



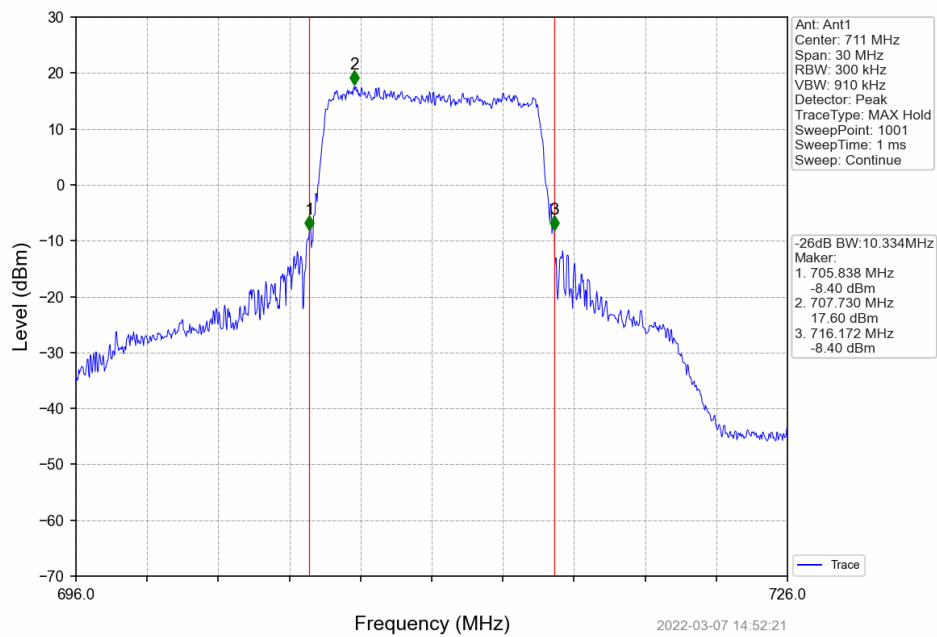
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



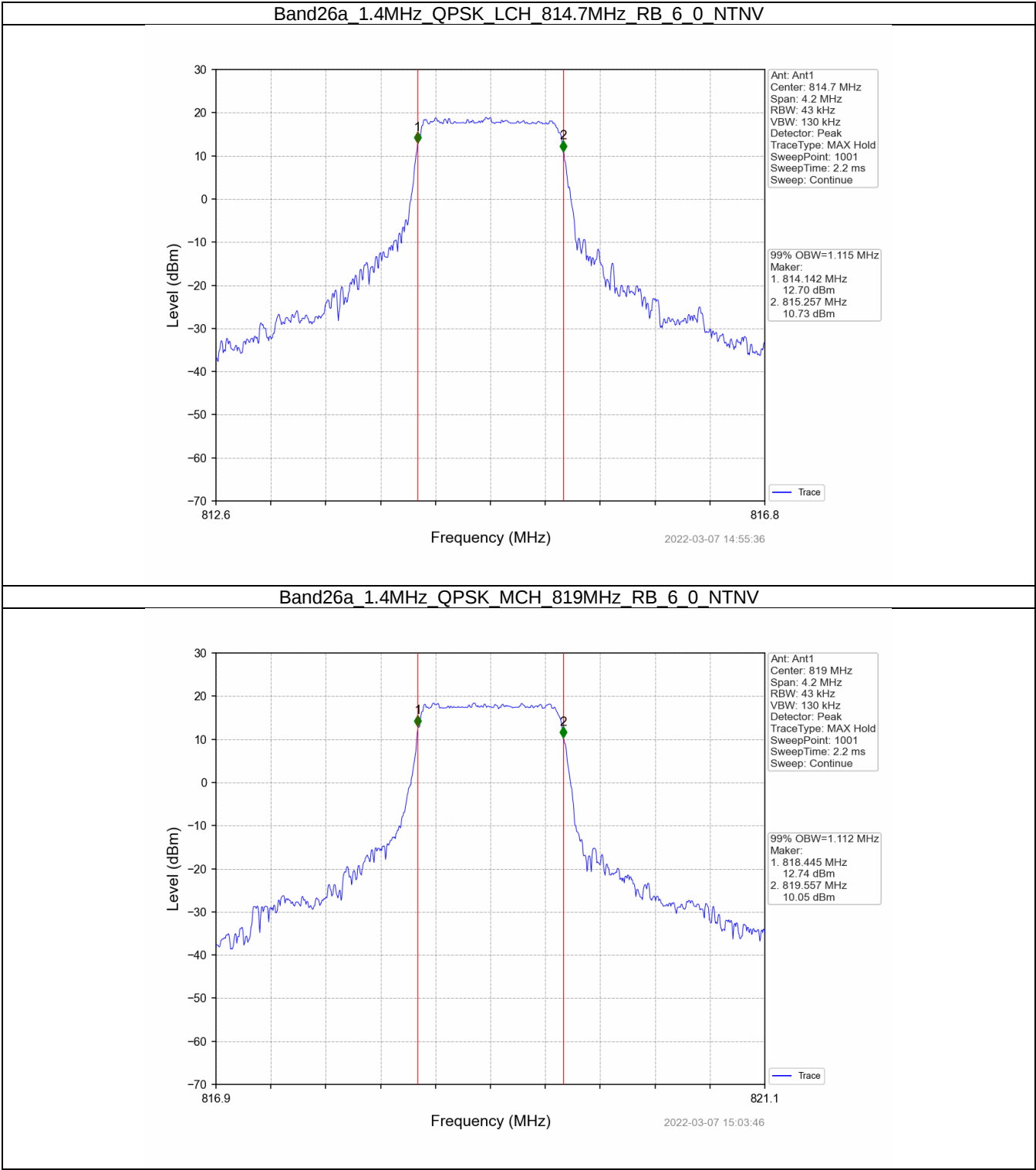
7. 99% & 26dB Bandwidth

7.1 Band26a_OBW

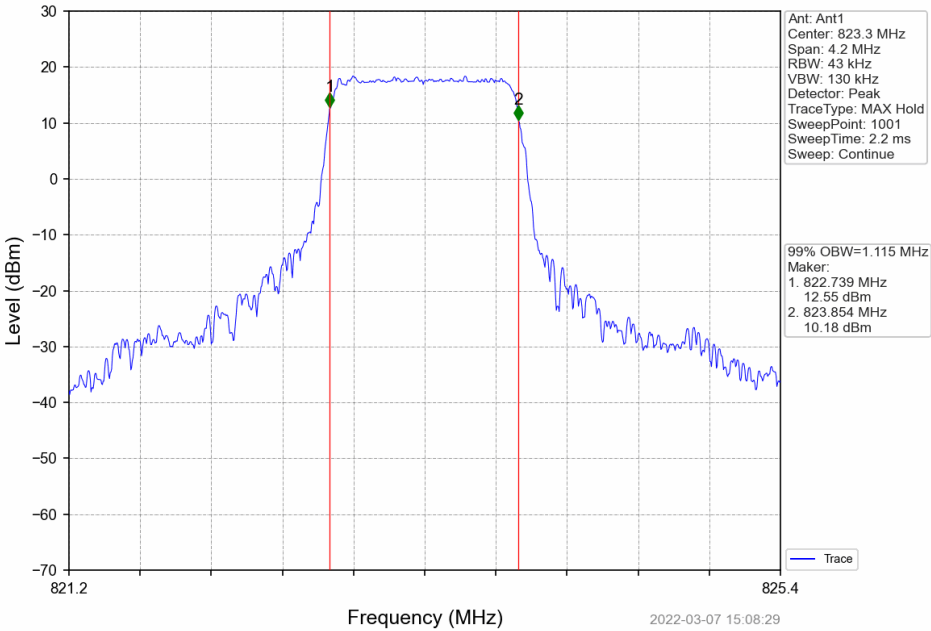
7.1.1 Test Result

Band: 26a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.115	Pass
		819	6	0	1.112	Pass
		823.3	6	0	1.115	Pass
	16QAM	814.7	6	0	1.118	Pass
		819	6	0	1.120	Pass
		823.3	6	0	1.122	Pass
3	QPSK	815.5	15	0	2.758	Pass
		819	15	0	2.762	Pass
		822.5	15	0	2.760	Pass
	16QAM	815.5	15	0	2.768	Pass
		819	15	0	2.757	Pass
		822.5	15	0	2.762	Pass
5	QPSK	816.5	25	0	4.607	Pass
		819	25	0	4.577	Pass
		821.5	25	0	4.570	Pass
	16QAM	816.5	25	0	4.588	Pass
		819	25	0	4.605	Pass
		821.5	25	0	4.618	Pass
10	QPSK	819	50	0	/	Pass
		819	50	0	9.067	Pass
		819	50	0	/	Pass
	16QAM	819	50	0	/	Pass
		819	50	0	9.063	Pass
		819	50	0	/	Pass

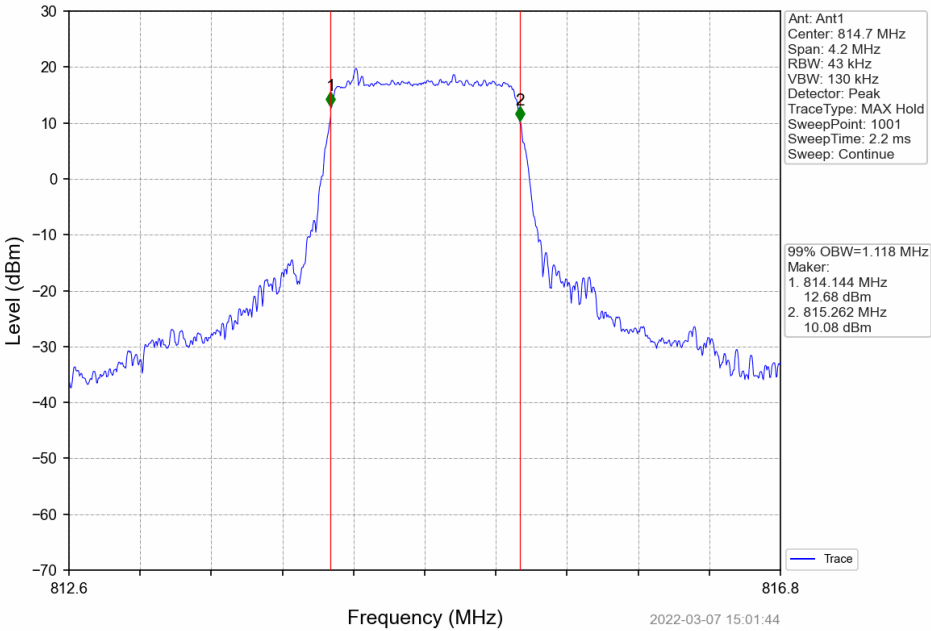
7.1.2 Test Graph



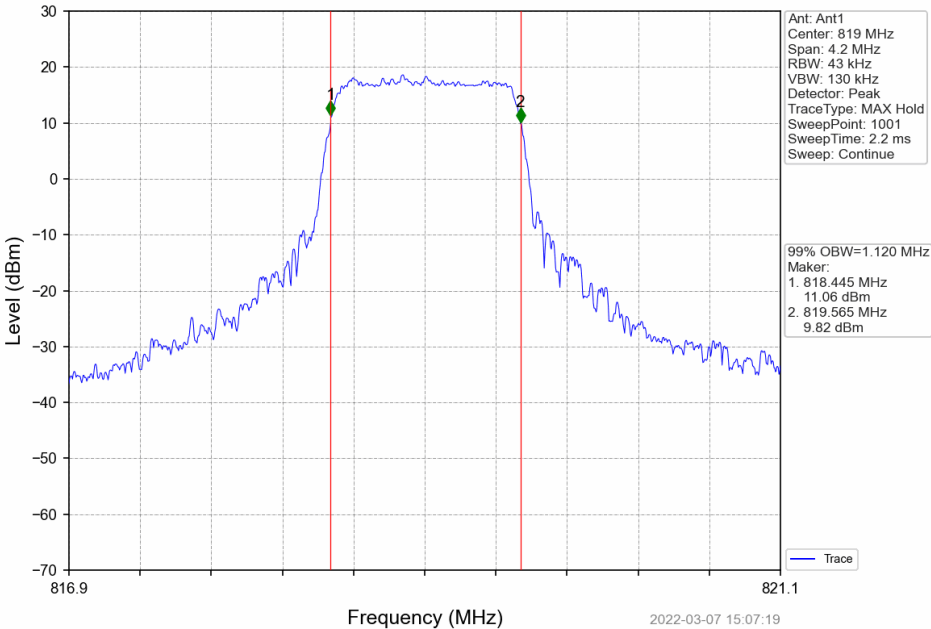
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



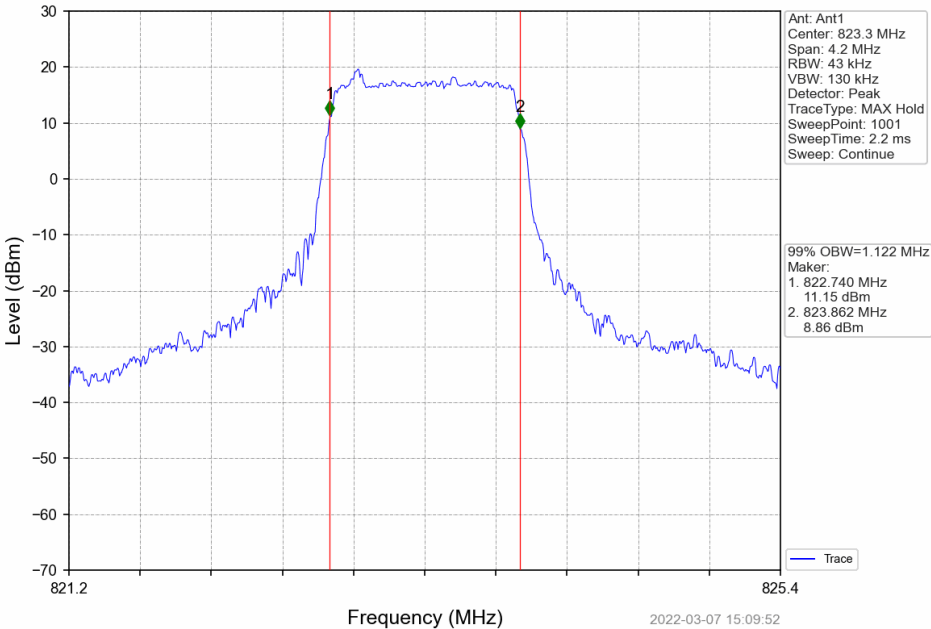
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



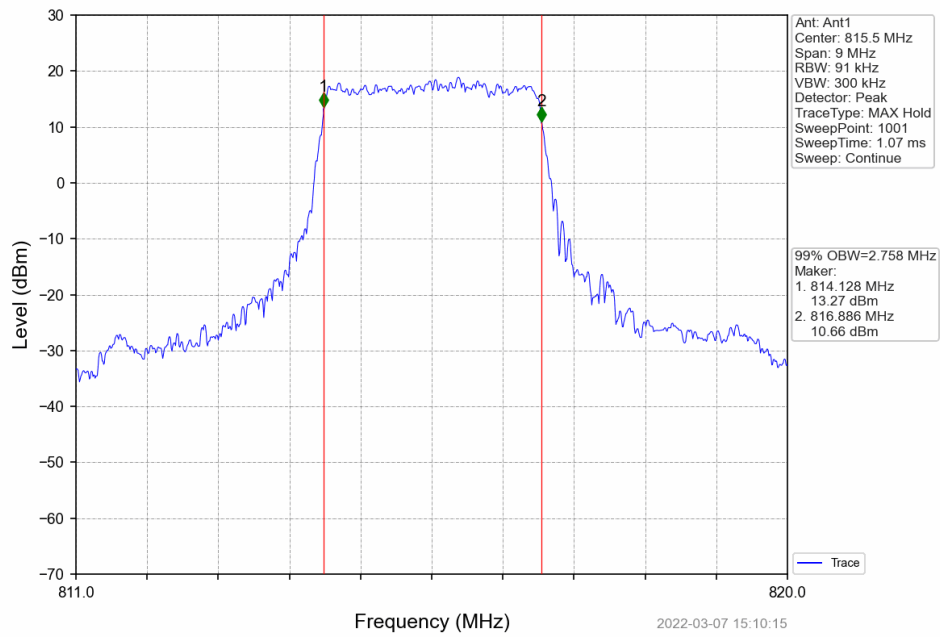
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



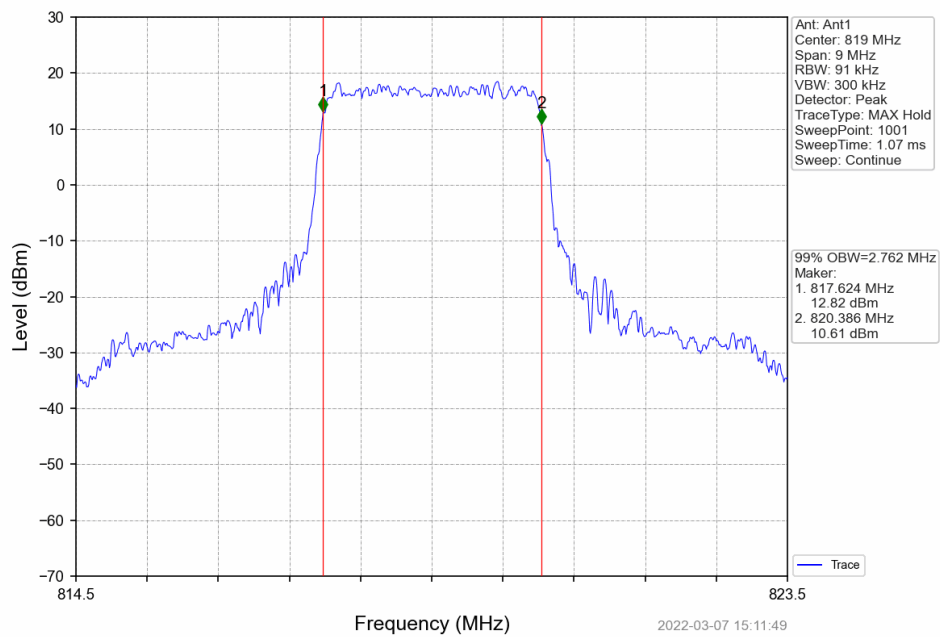
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



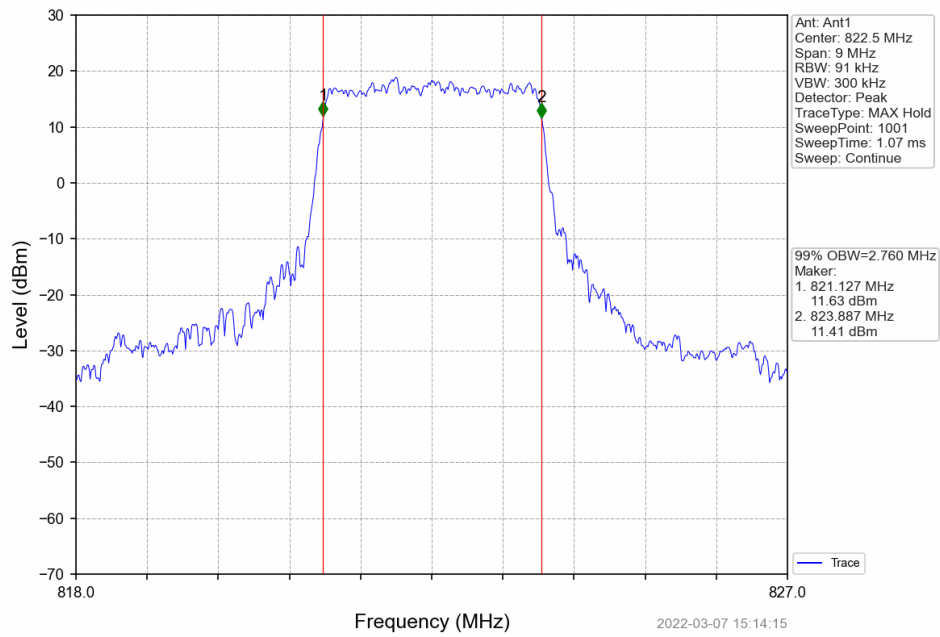
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTNV



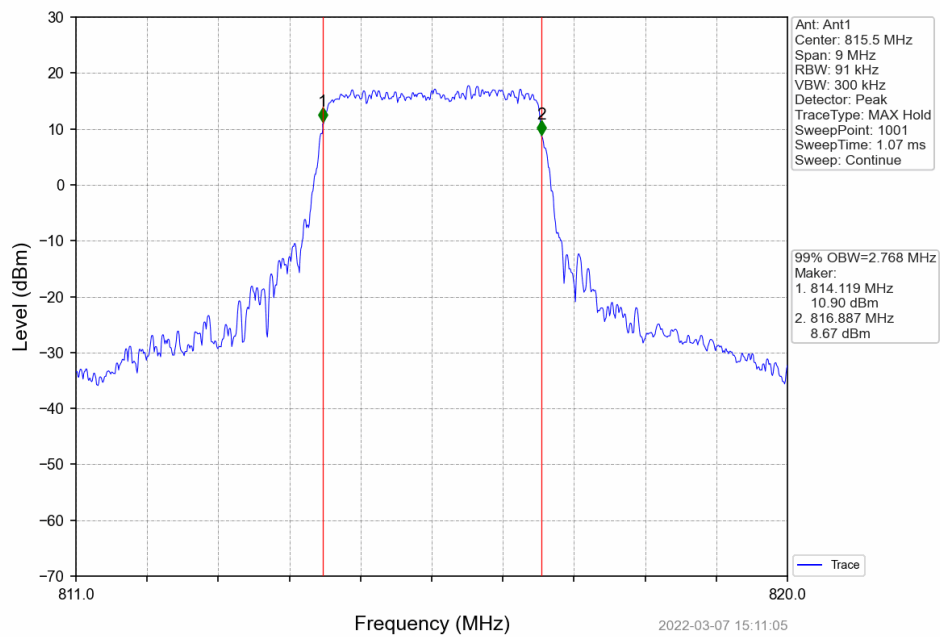
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



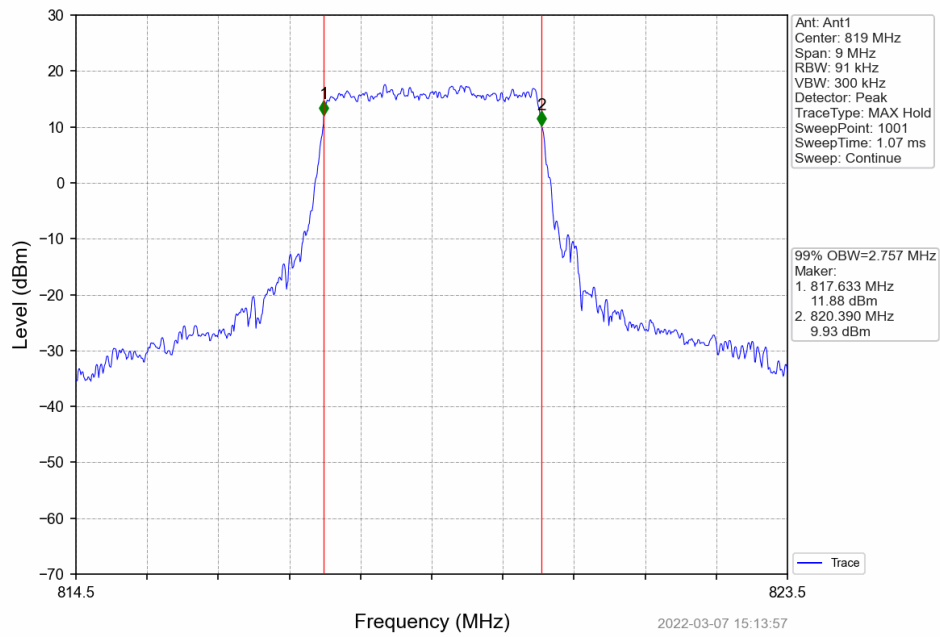
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



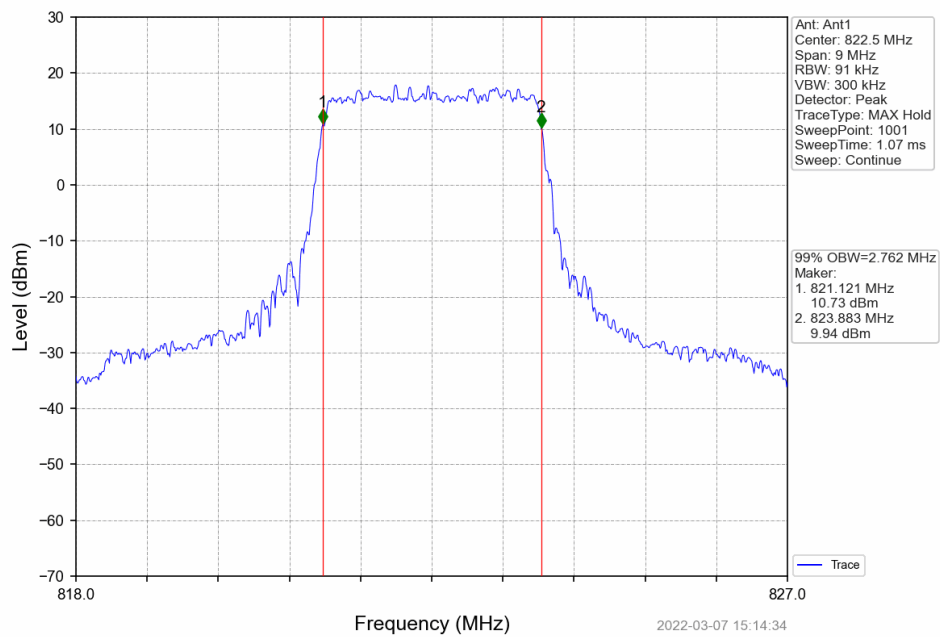
Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV



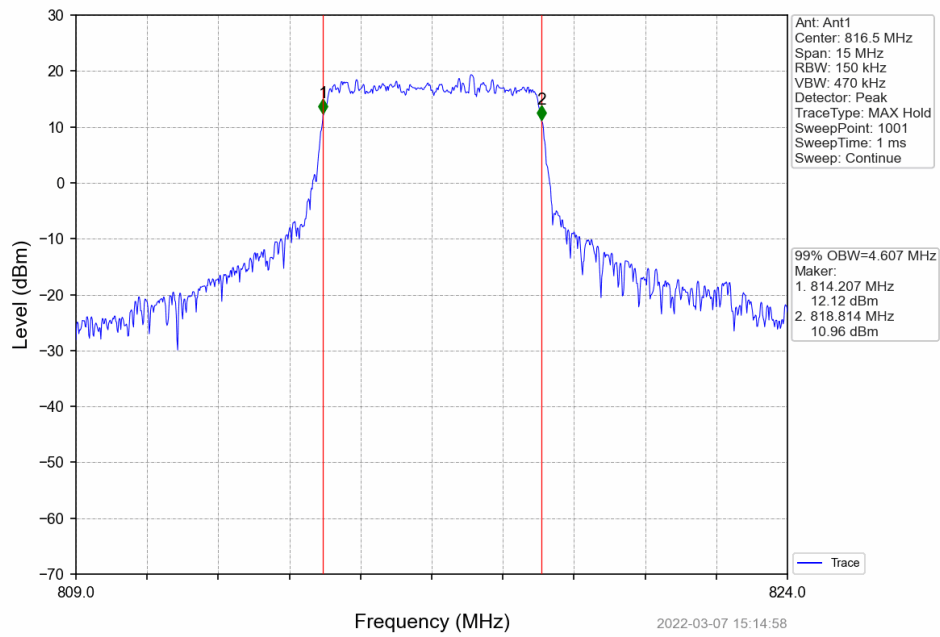
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



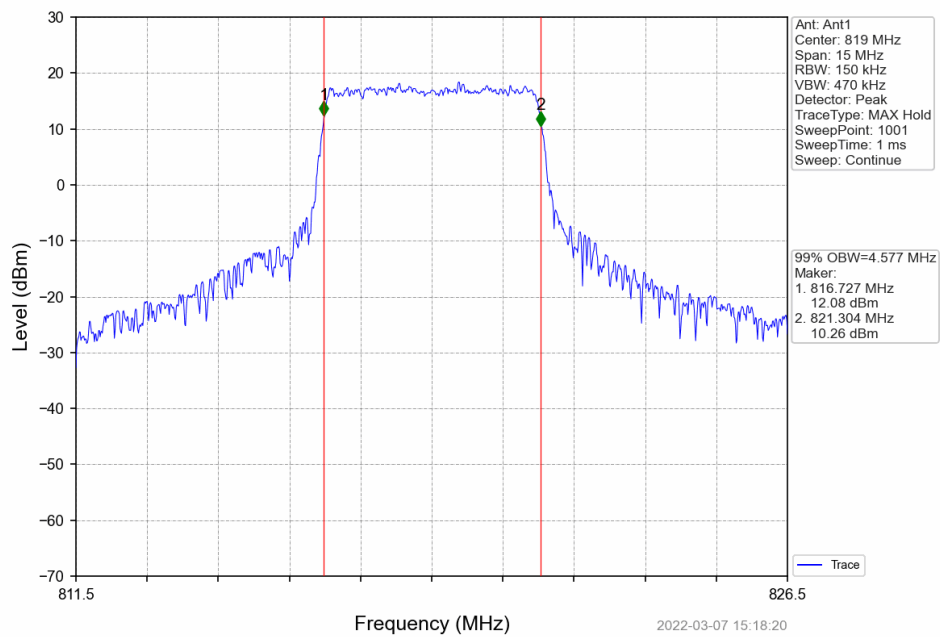
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



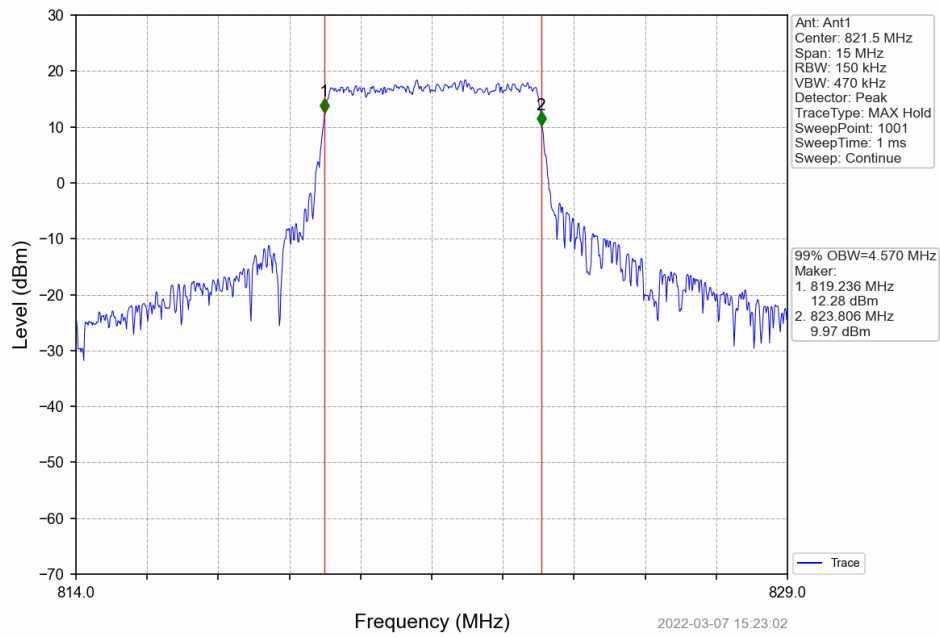
Band26a 5MHz QPSK LCH 816.5MHz RB 25 0 NTNV



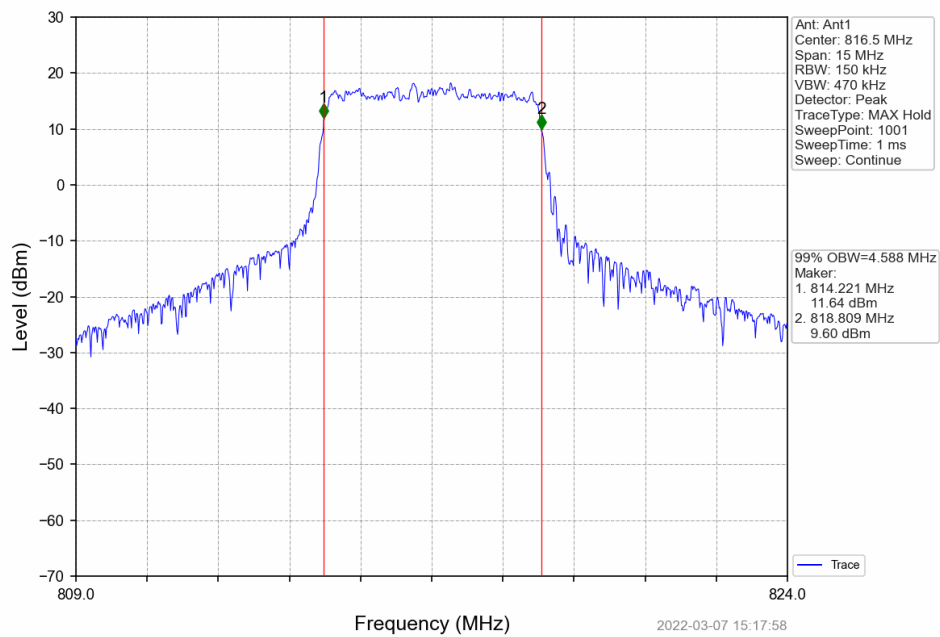
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



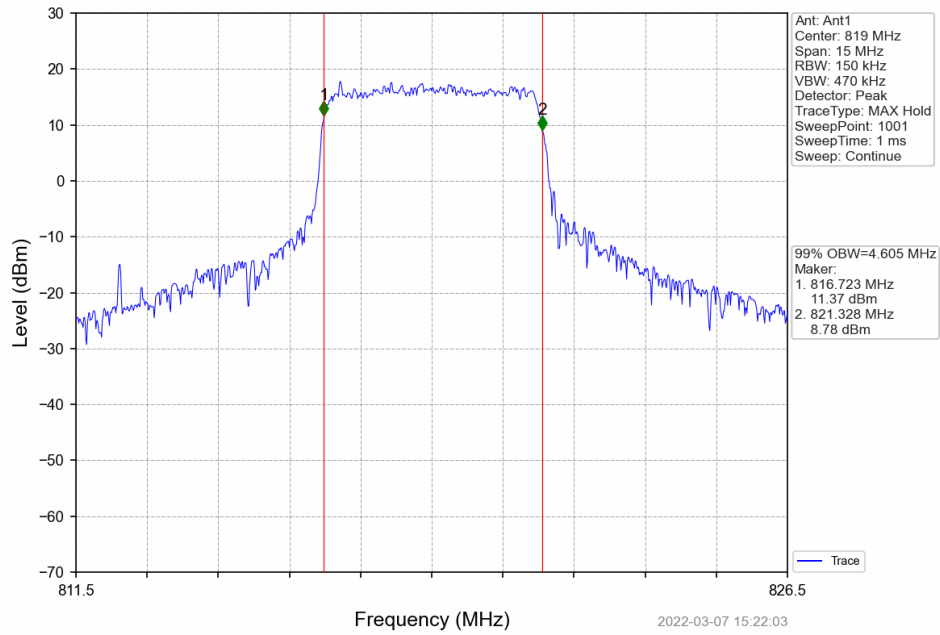
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



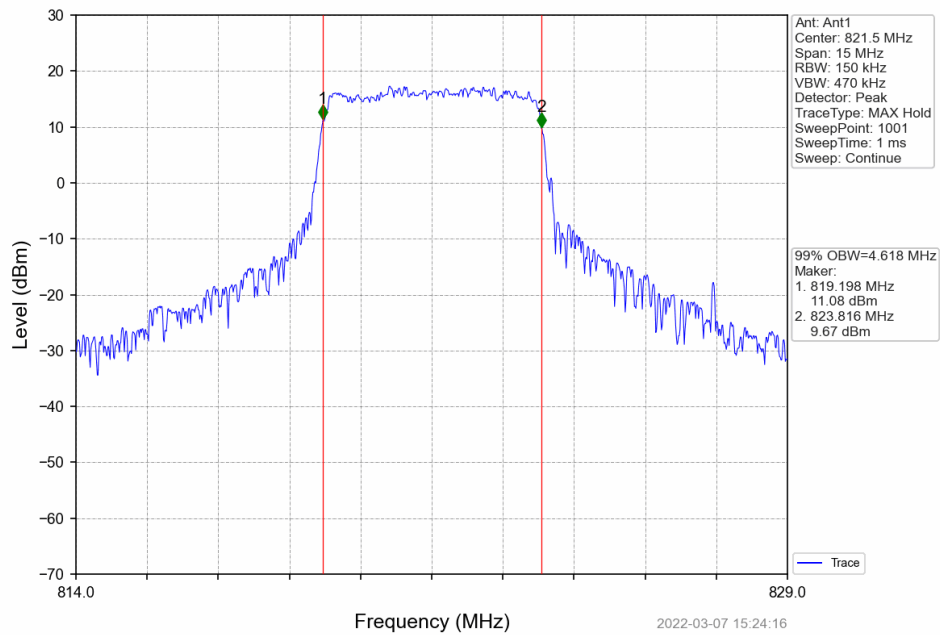
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



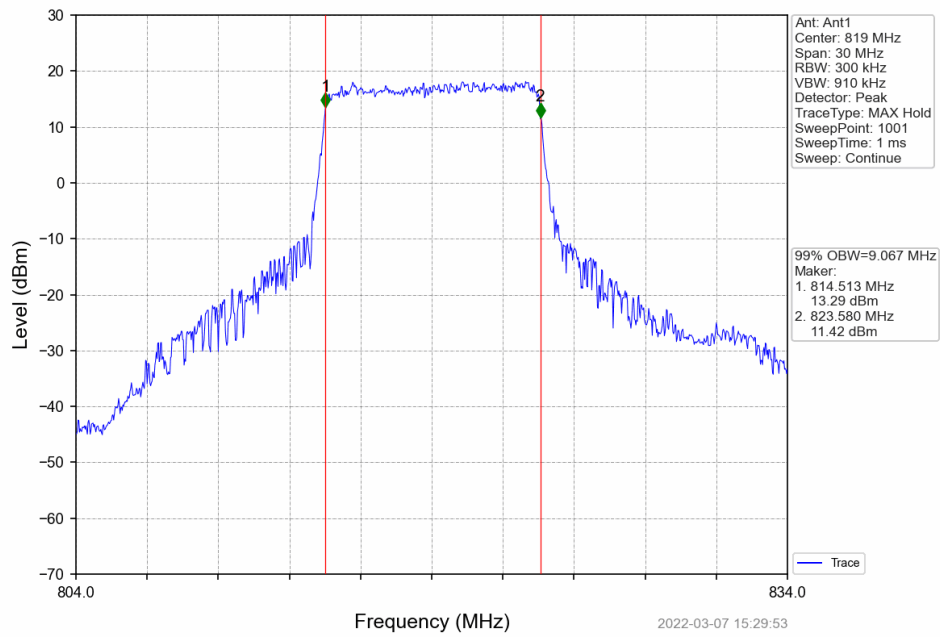
Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV



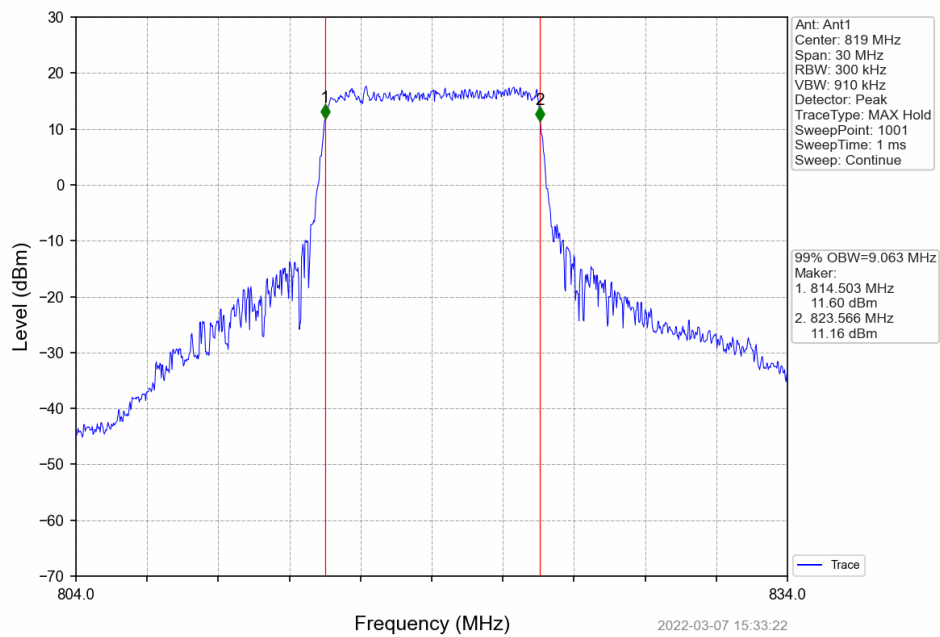
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

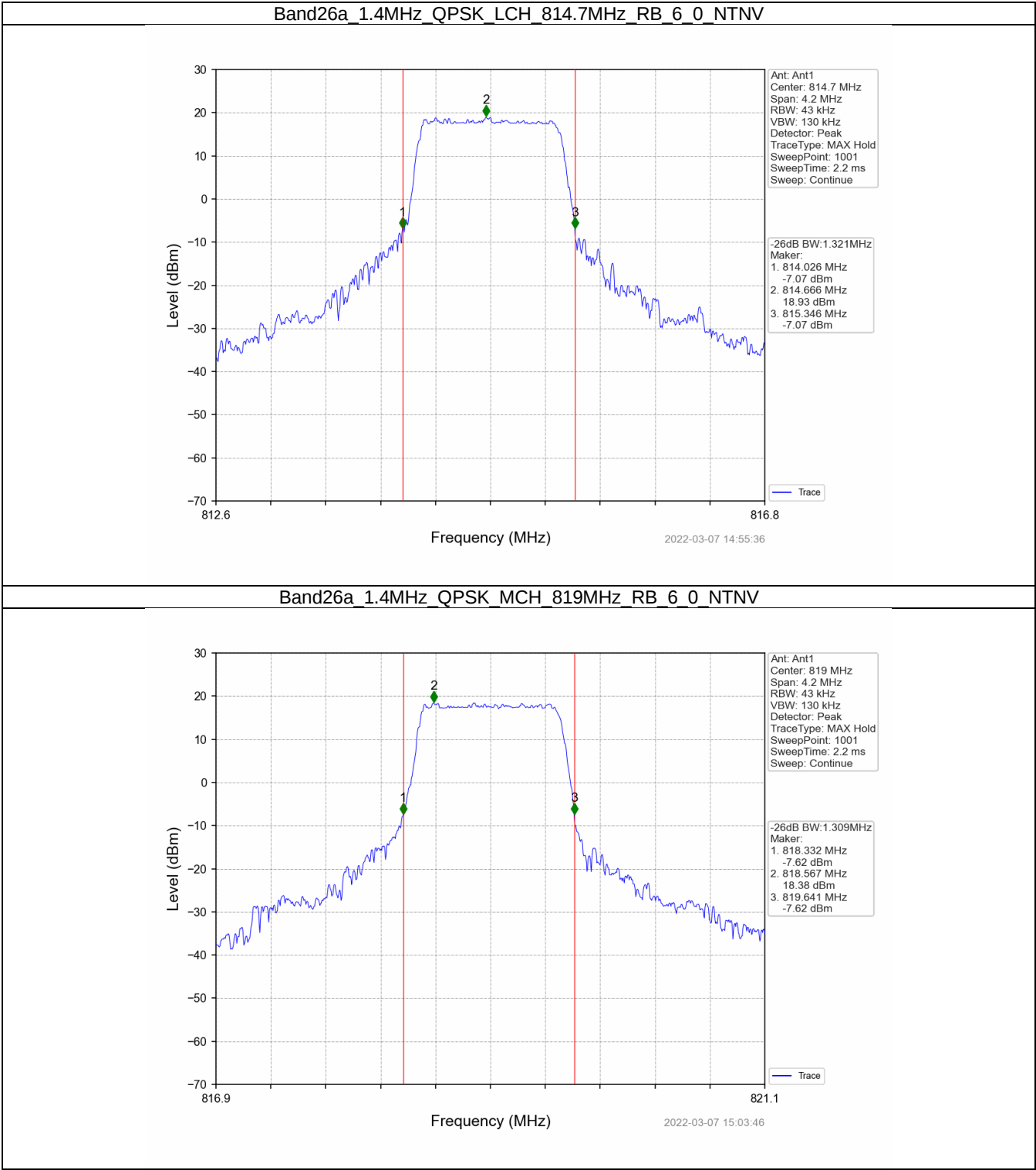


7.2 Band26a_XDB

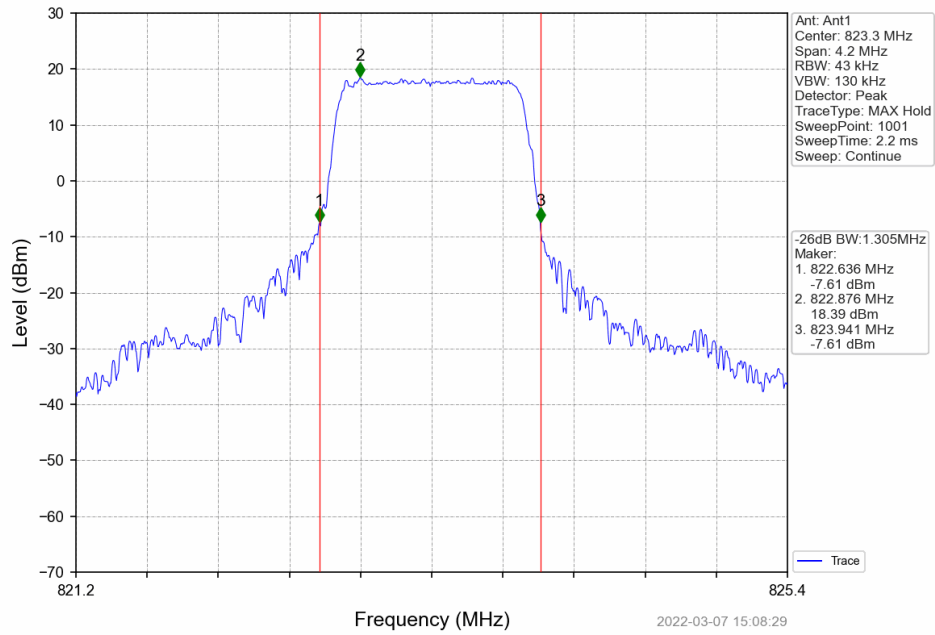
7.2.1 Test Result

Band: 26a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.321	Pass
		819	6	0	1.309	Pass
		823.3	6	0	1.305	Pass
	16QAM	814.7	6	0	1.273	Pass
		819	6	0	1.326	Pass
		823.3	6	0	1.280	Pass
3	QPSK	815.5	15	0	3.233	Pass
		819	15	0	3.082	Pass
		822.5	15	0	3.105	Pass
	16QAM	815.5	15	0	3.198	Pass
		819	15	0	3.170	Pass
		822.5	15	0	3.132	Pass
5	QPSK	816.5	25	0	5.433	Pass
		819	25	0	5.714	Pass
		821.5	25	0	5.978	Pass
	16QAM	816.5	25	0	5.537	Pass
		819	25	0	5.694	Pass
		821.5	25	0	5.802	Pass
10	QPSK	819	50	0	/	Pass
		819	50	0	10.397	Pass
		819	50	0	/	Pass
	16QAM	819	50	0	/	Pass
		819	50	0	10.429	Pass
		819	50	0	/	Pass

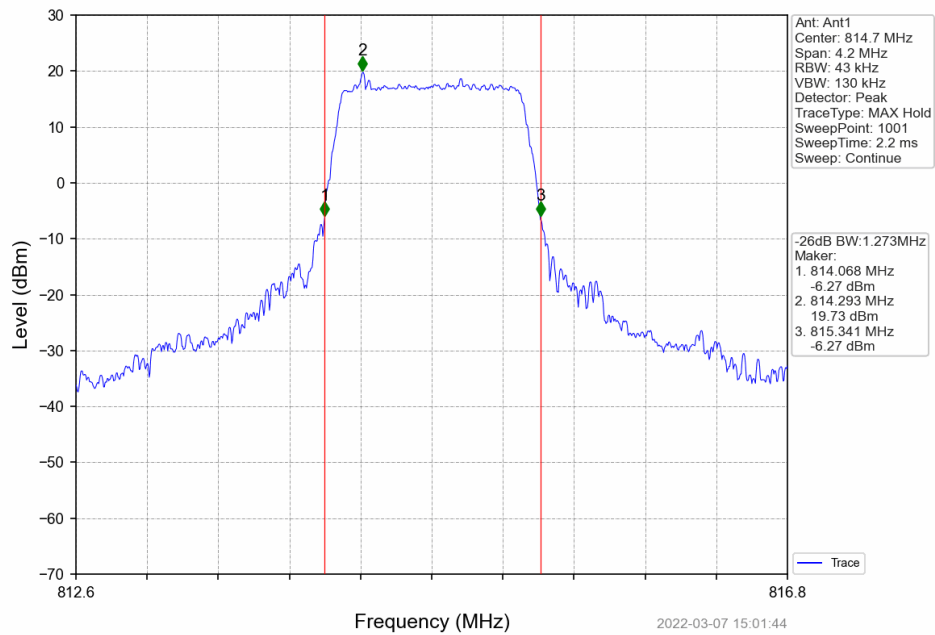
7.2.2 Test Graph



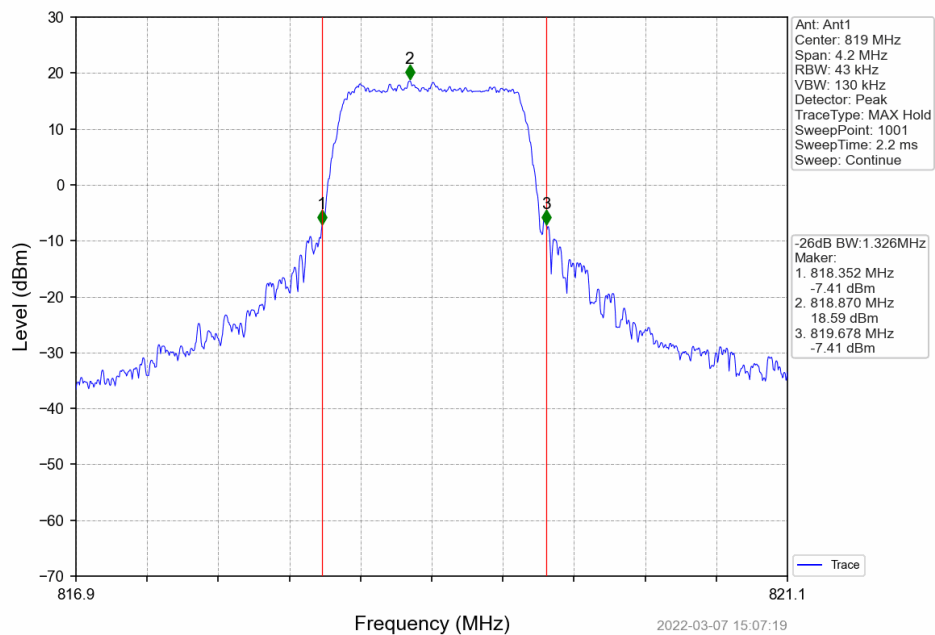
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



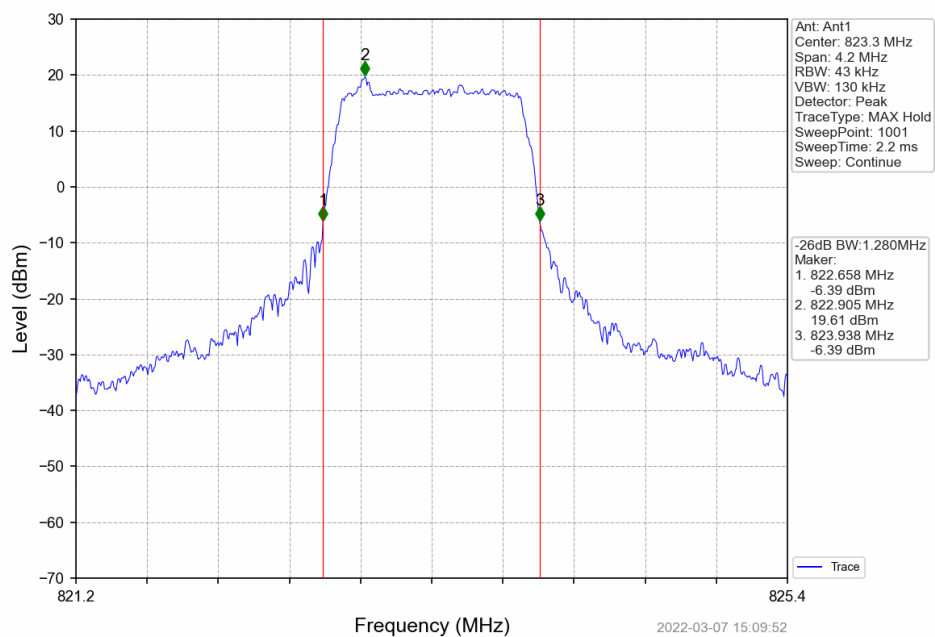
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



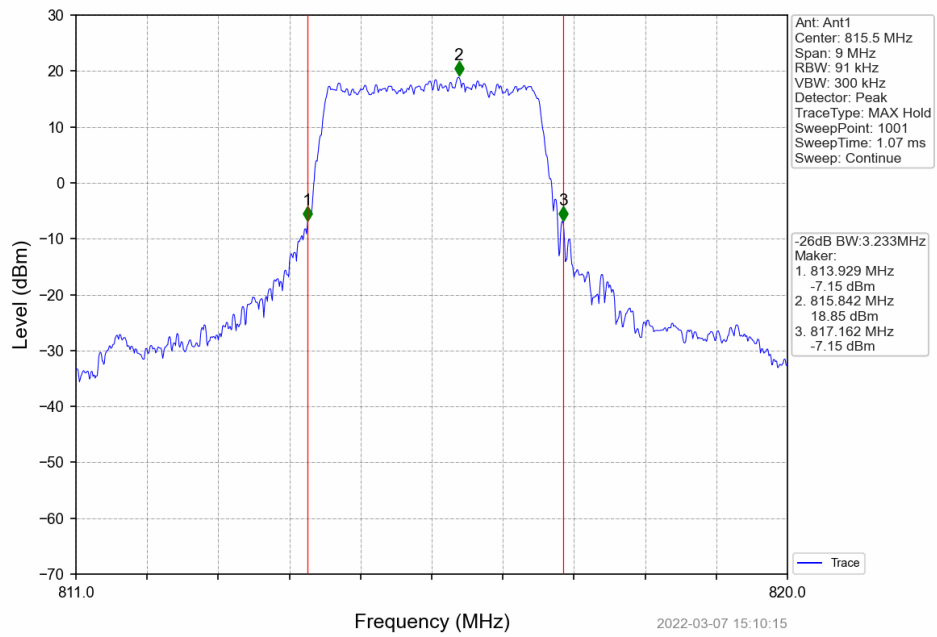
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



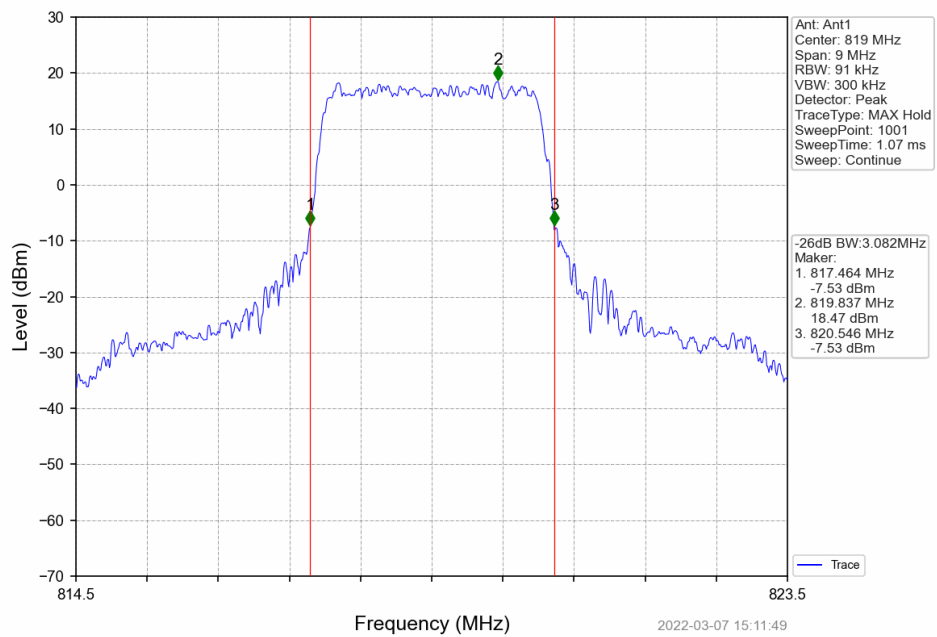
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



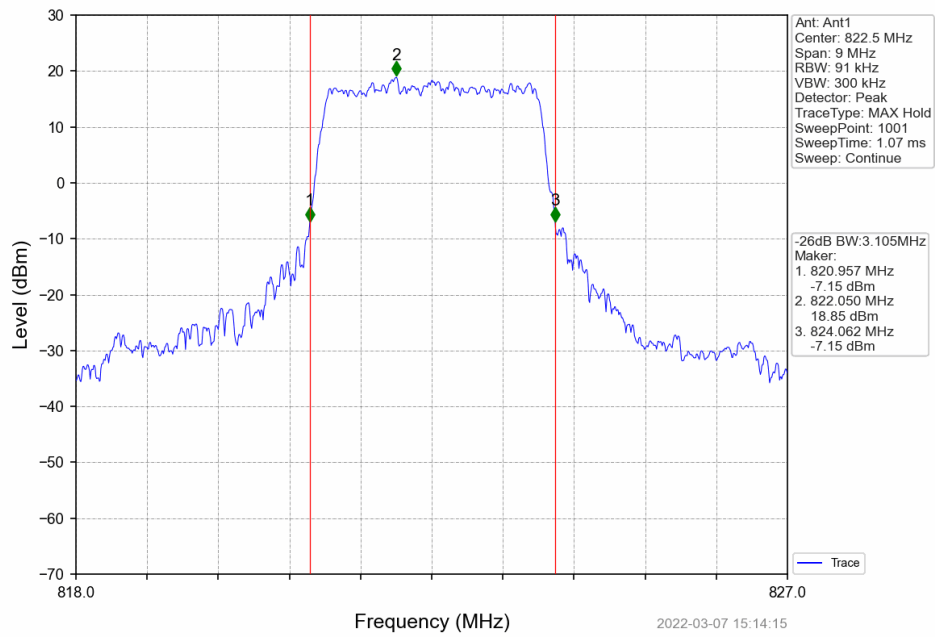
Band26a 3MHz QPSK LCH 815.5MHz RB 15 0 NTNV



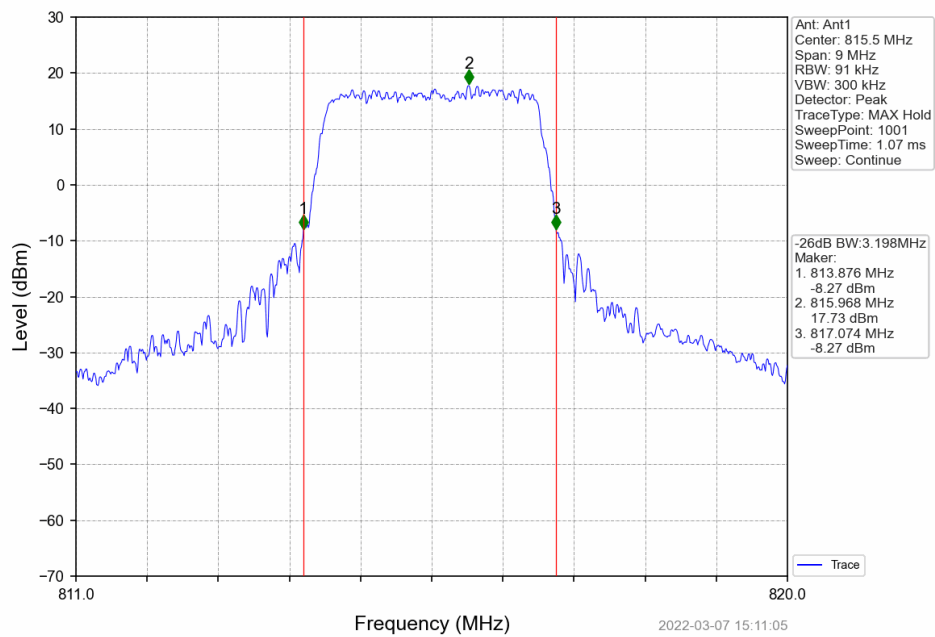
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



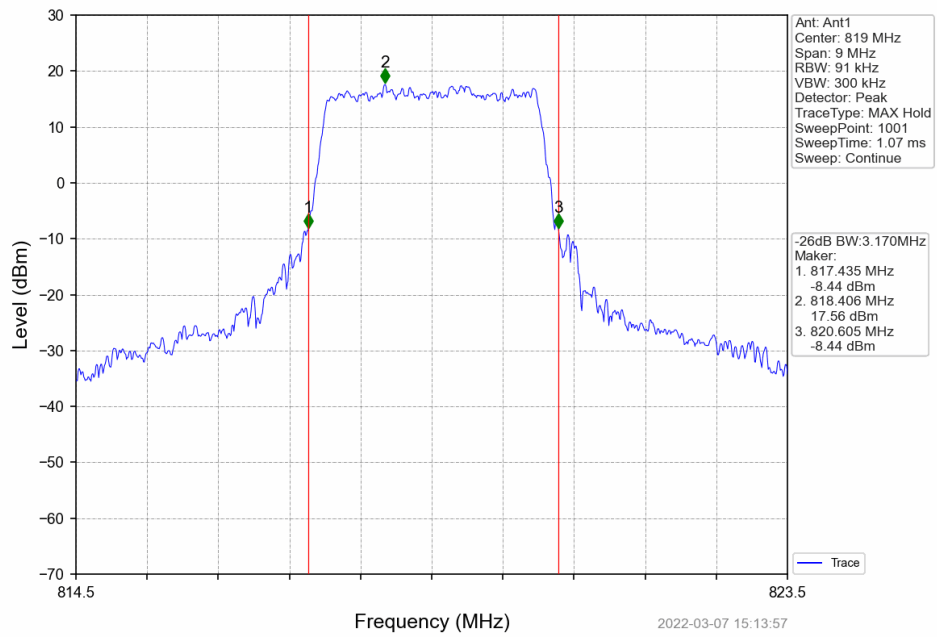
Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



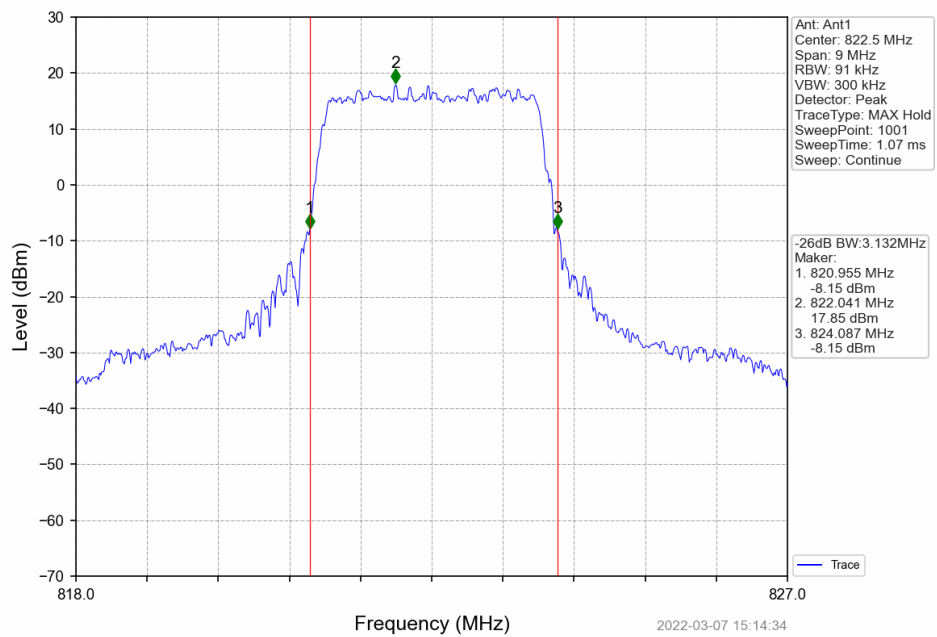
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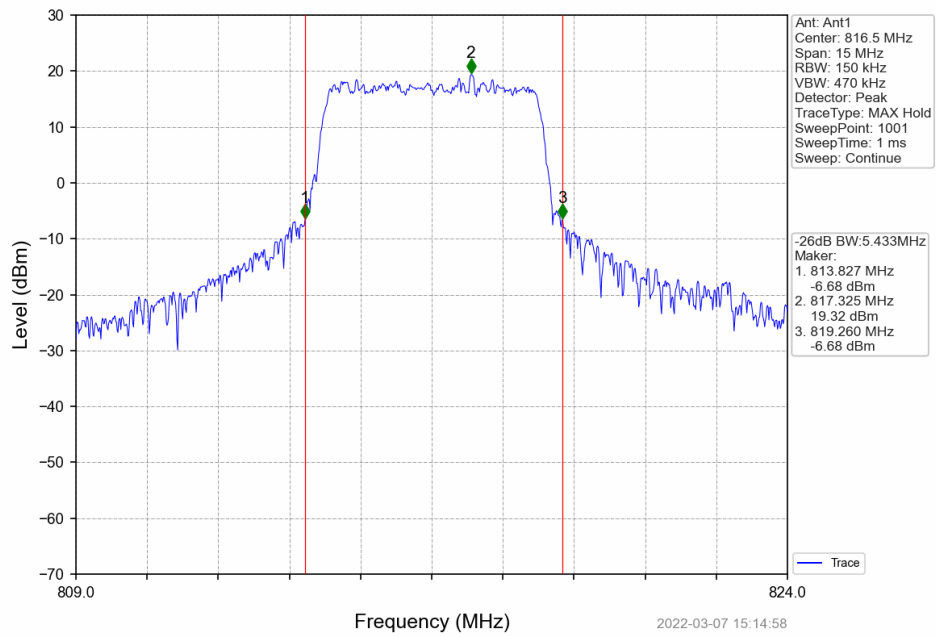
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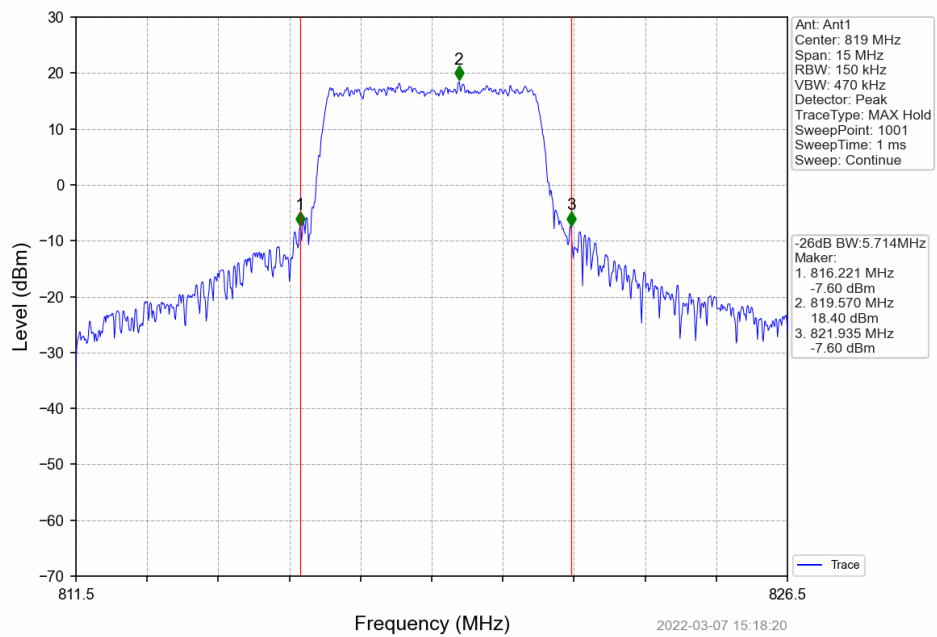
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



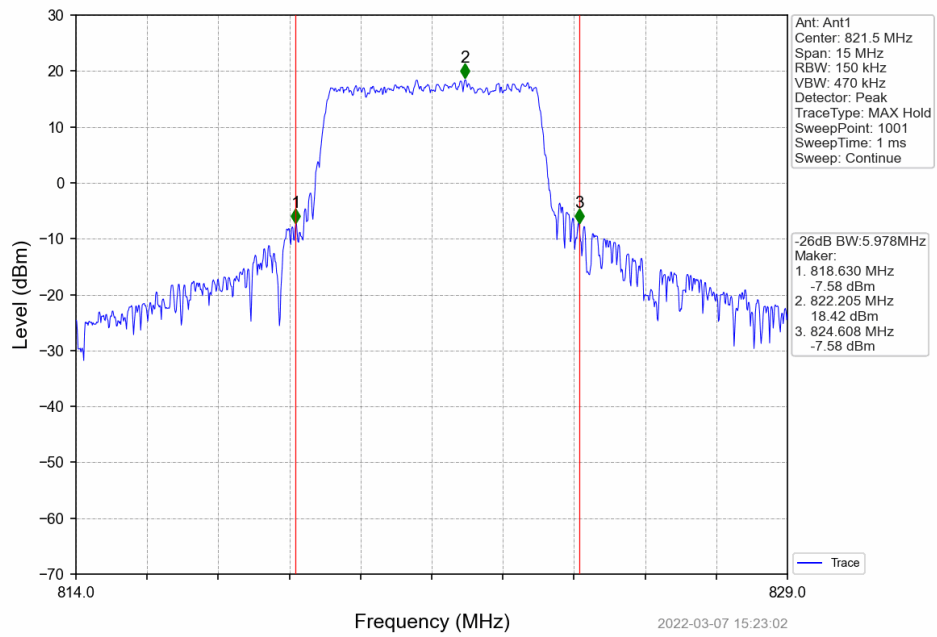
Band26a 5MHz QPSK LCH 816.5MHz RB 25 0 NTNV



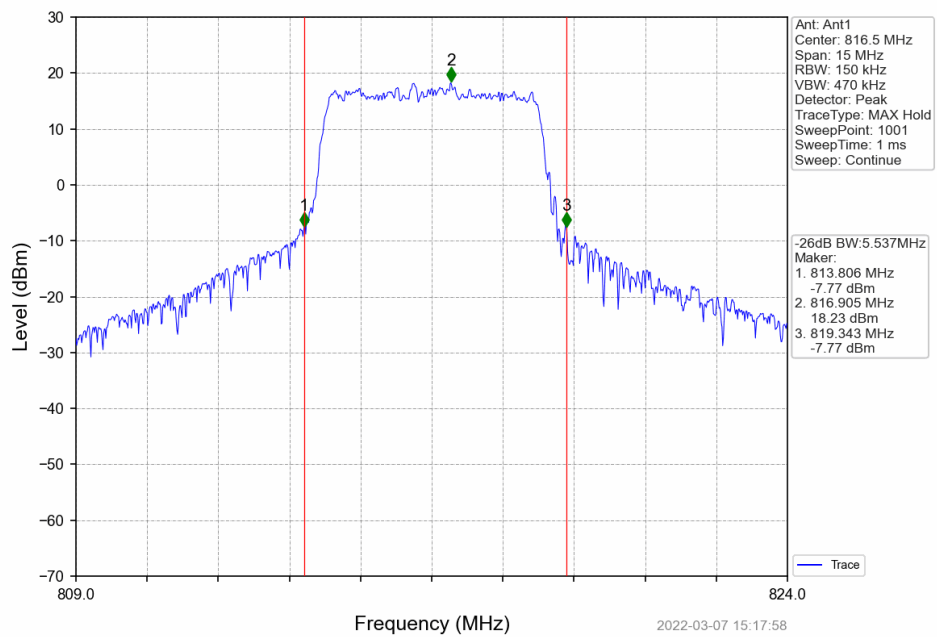
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



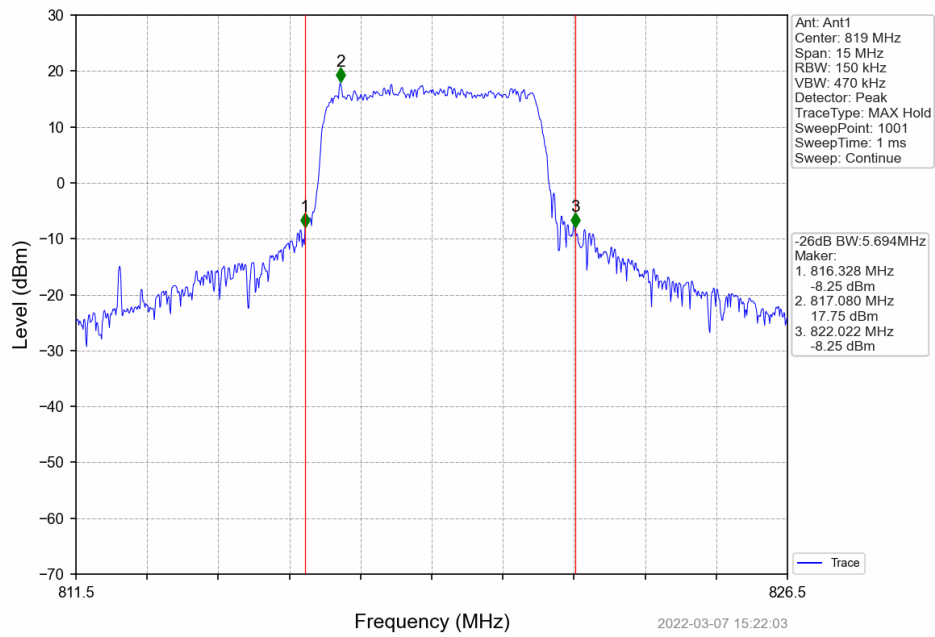
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



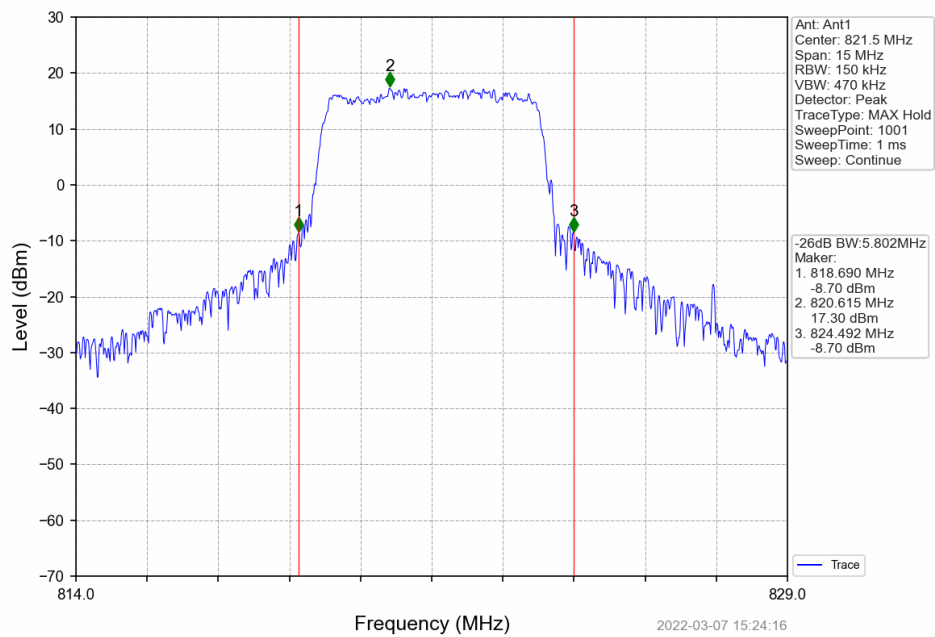
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



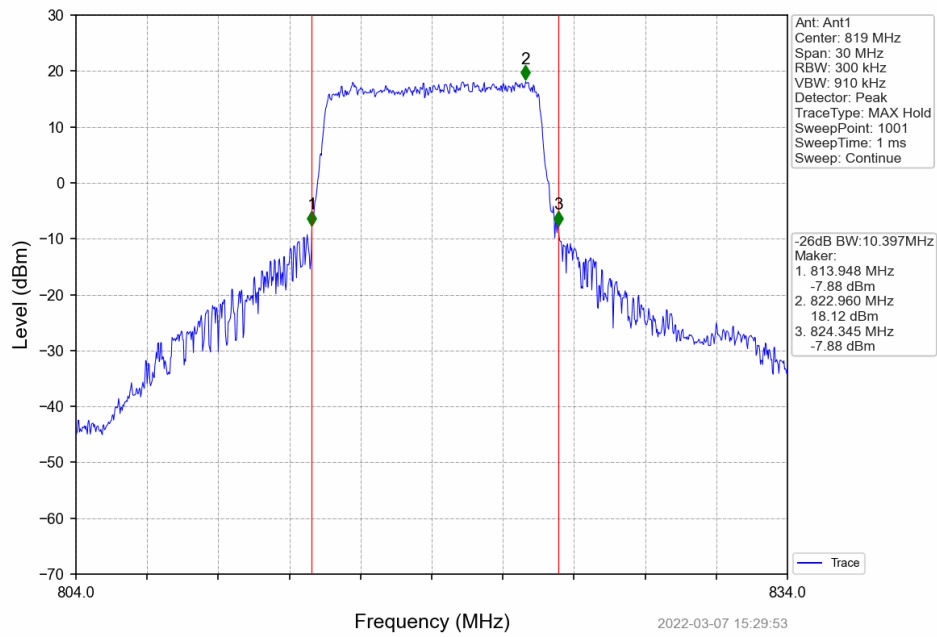
Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV



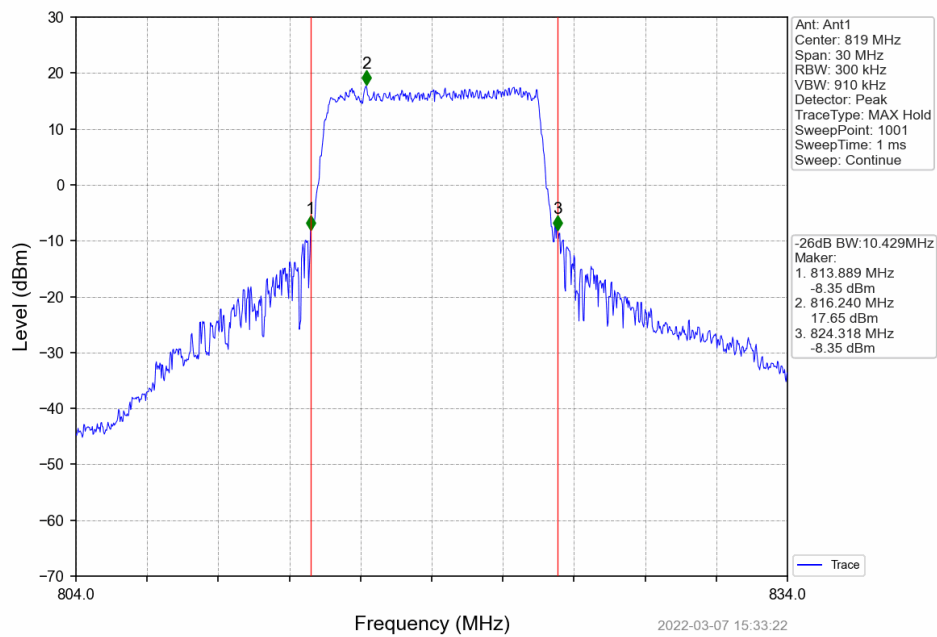
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



7. 99% & 26dB Bandwidth

7.1 Band26b_OBW

7.1.1 Test Result

Band: 26b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.117	Pass
		836.5	6	0	1.124	Pass
		848.3	6	0	1.115	Pass
	16QAM	824.7	6	0	1.118	Pass
		836.5	6	0	1.114	Pass
		848.3	6	0	1.118	Pass
3	QPSK	825.5	15	0	2.760	Pass
		836.5	15	0	2.768	Pass
		847.5	15	0	2.752	Pass
	16QAM	825.5	15	0	2.770	Pass
		836.5	15	0	2.778	Pass
		847.5	15	0	2.776	Pass
5	QPSK	826.5	25	0	4.573	Pass
		836.5	25	0	4.564	Pass
		846.5	25	0	4.570	Pass
	16QAM	826.5	25	0	4.593	Pass
		836.5	25	0	4.588	Pass
		846.5	25	0	4.579	Pass
10	QPSK	829	50	0	9.106	Pass
		836.5	50	0	9.056	Pass
		844	50	0	9.048	Pass
	16QAM	829	50	0	9.088	Pass
		836.5	50	0	9.072	Pass
		844	50	0	9.066	Pass

7.1.2 Test Graph

