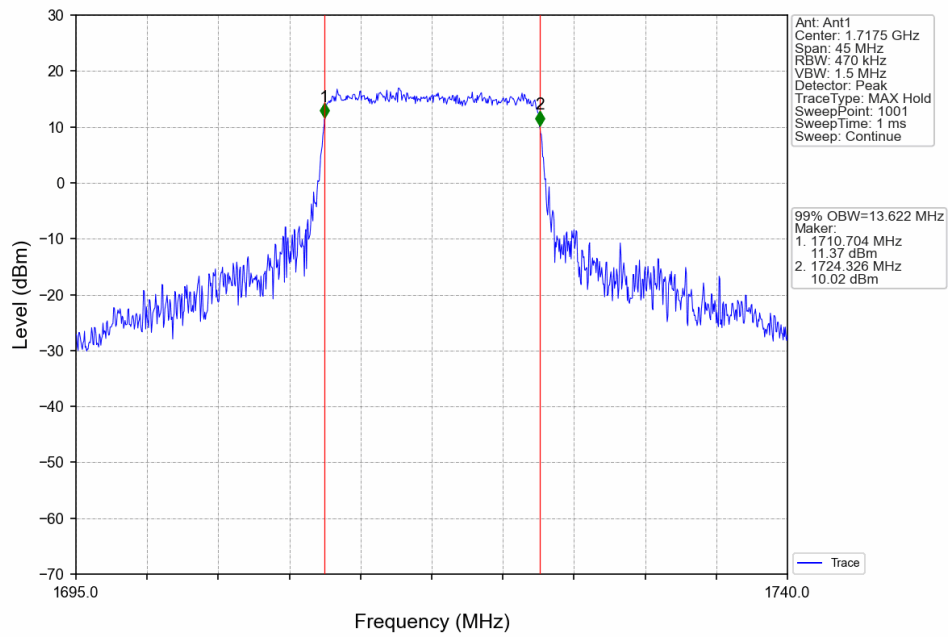
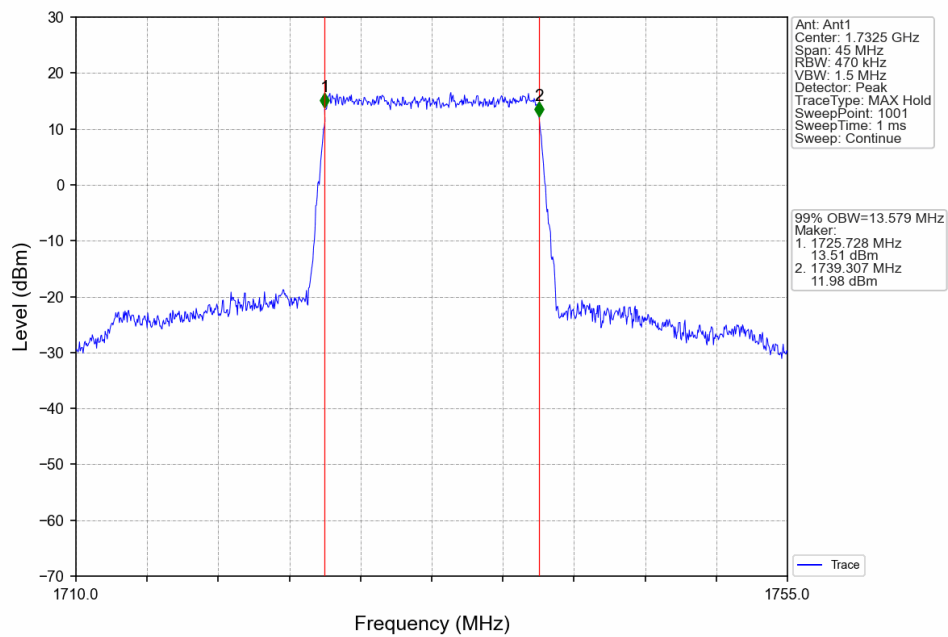


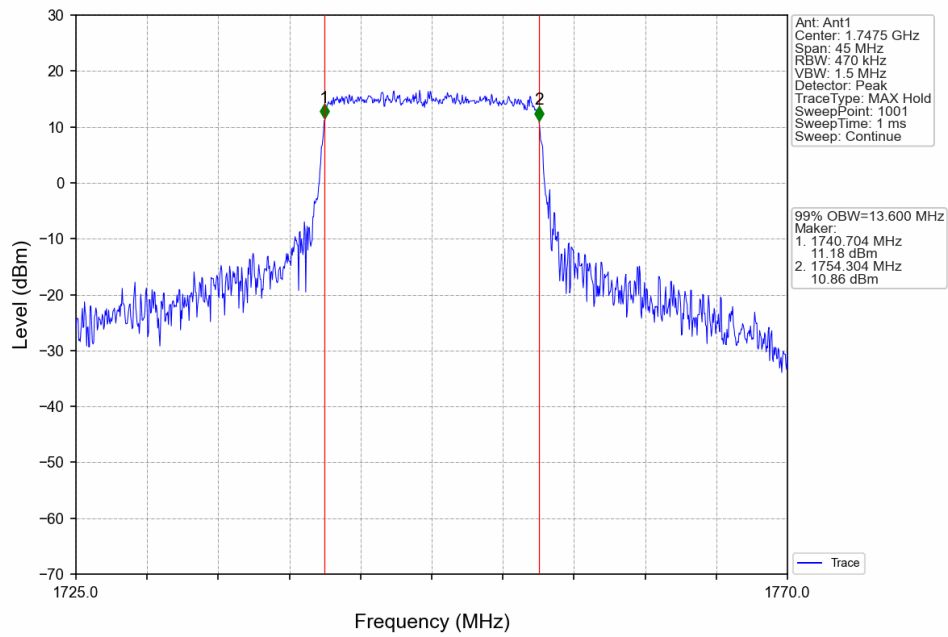
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



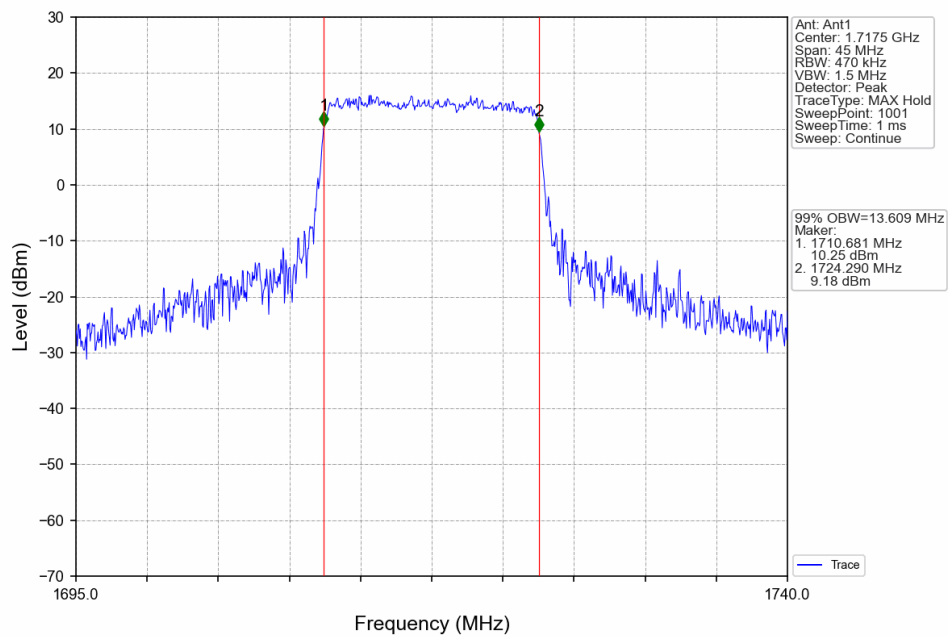
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



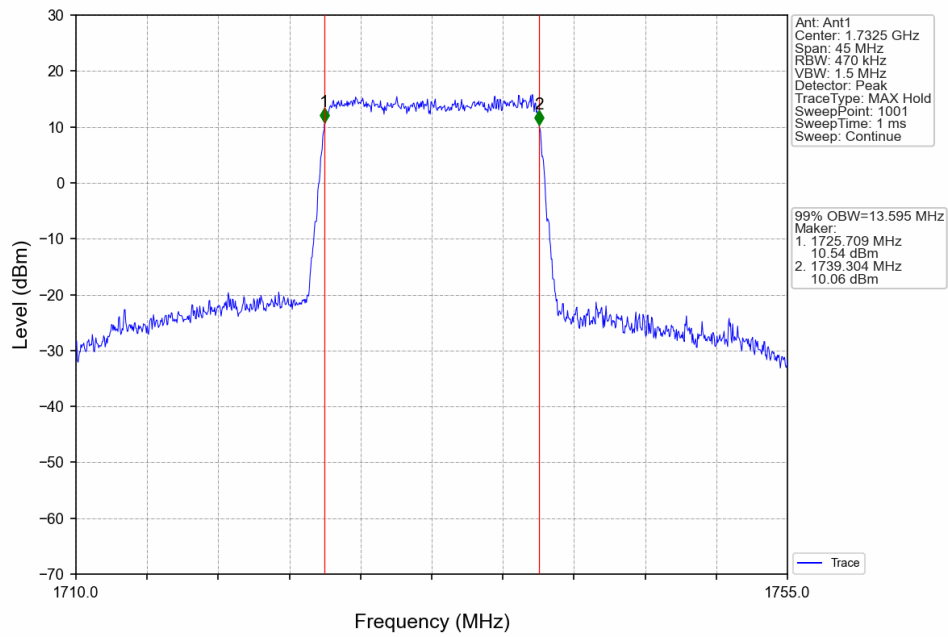
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



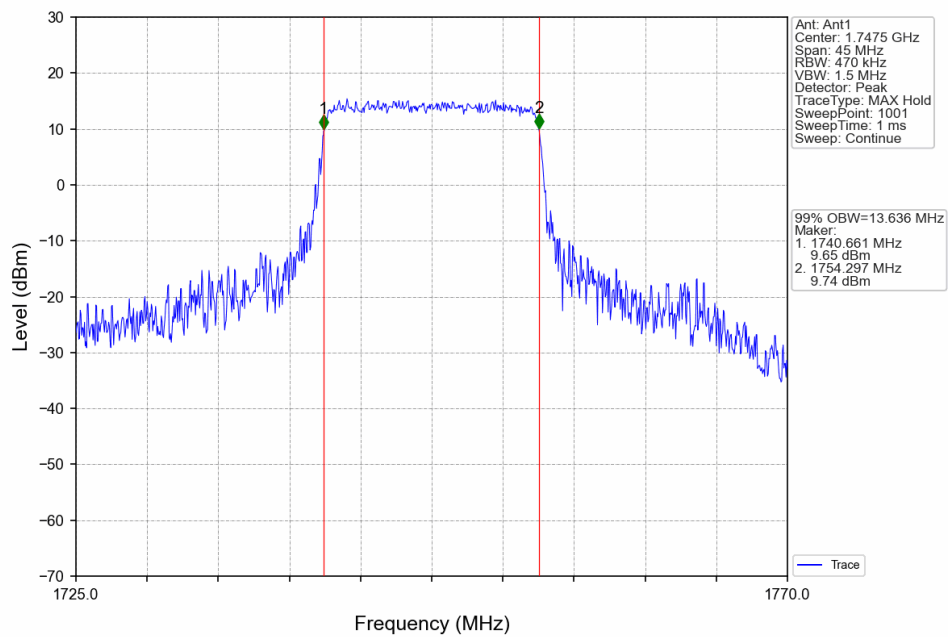
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



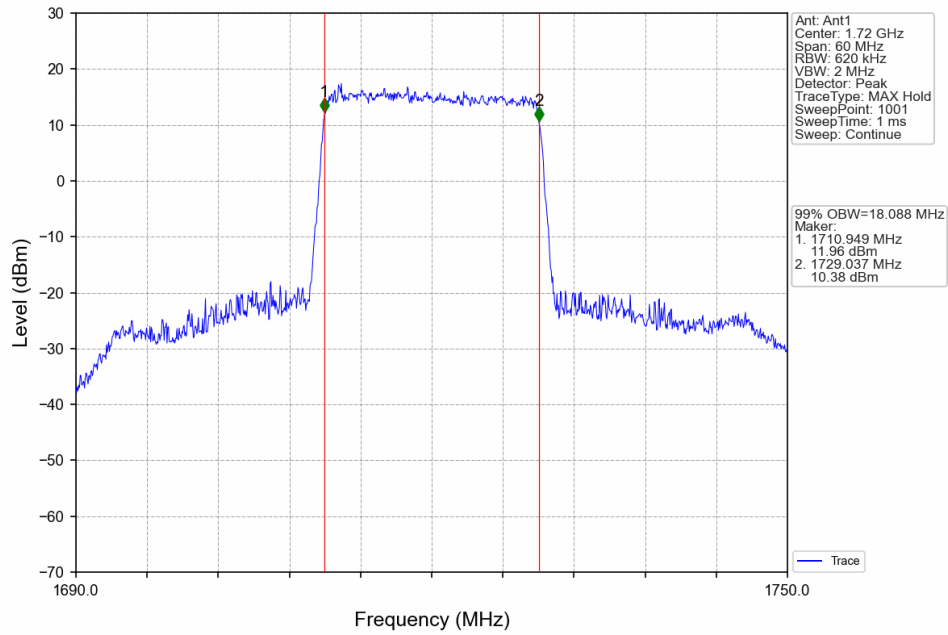
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



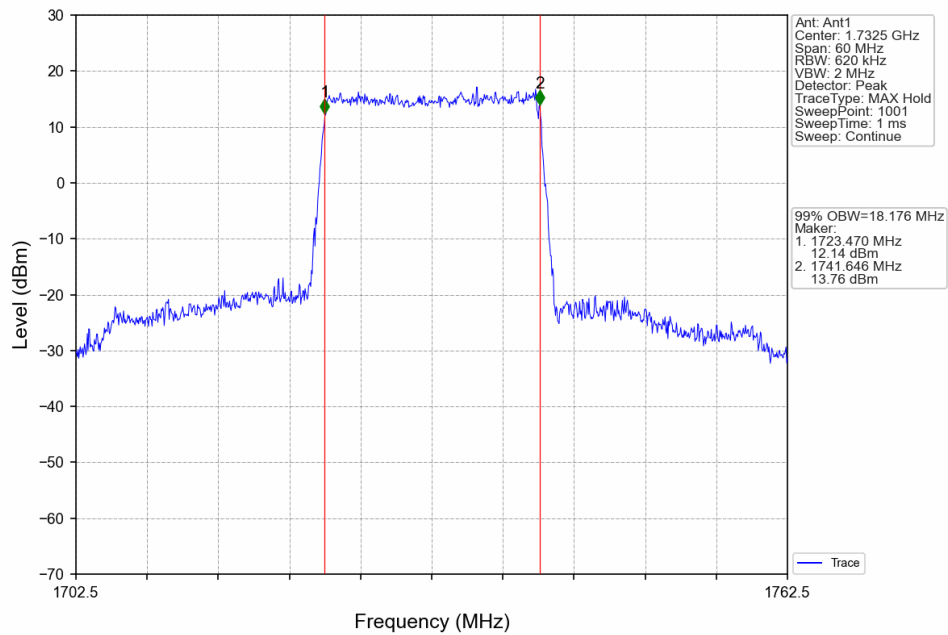
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



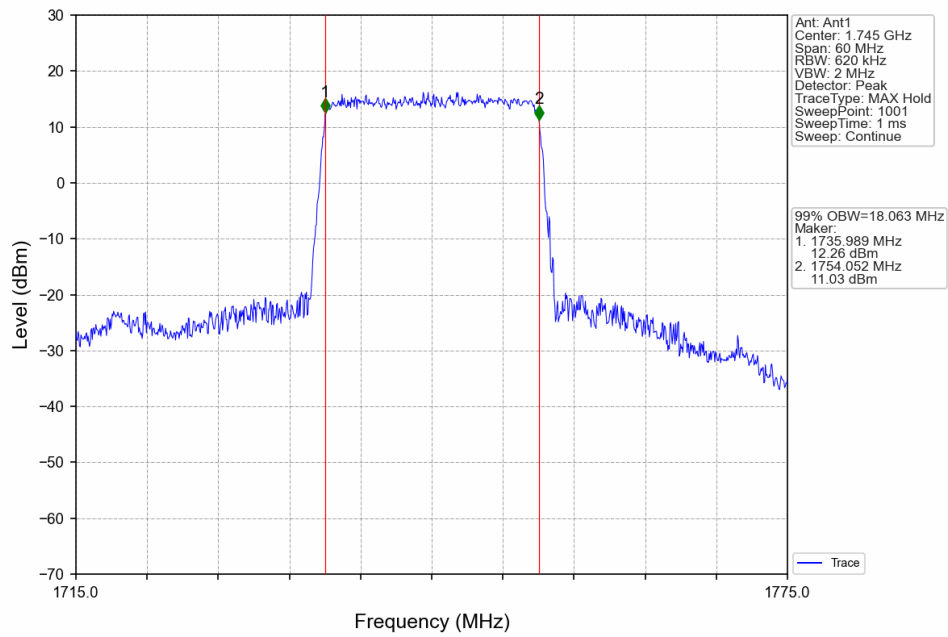
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



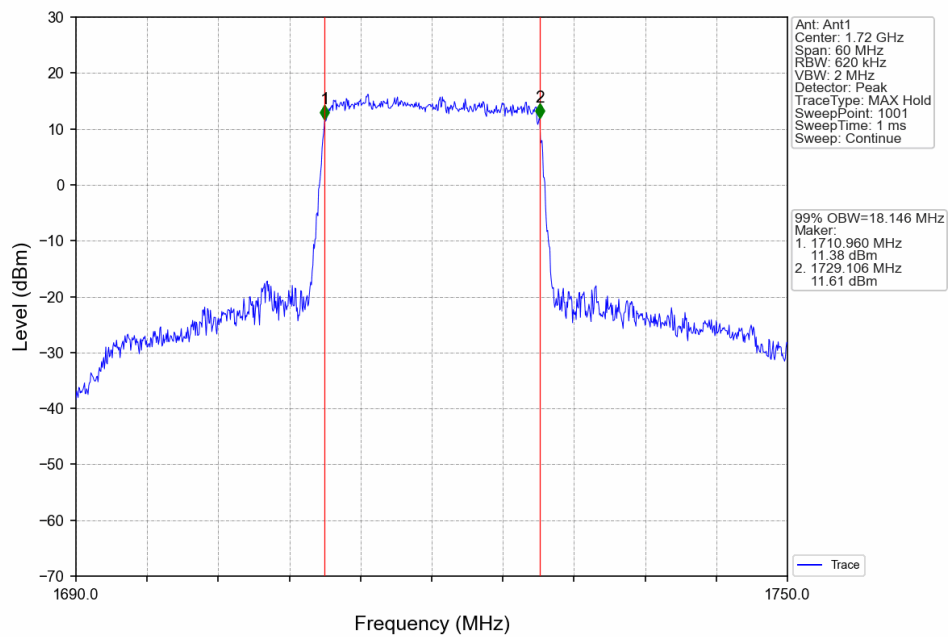
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



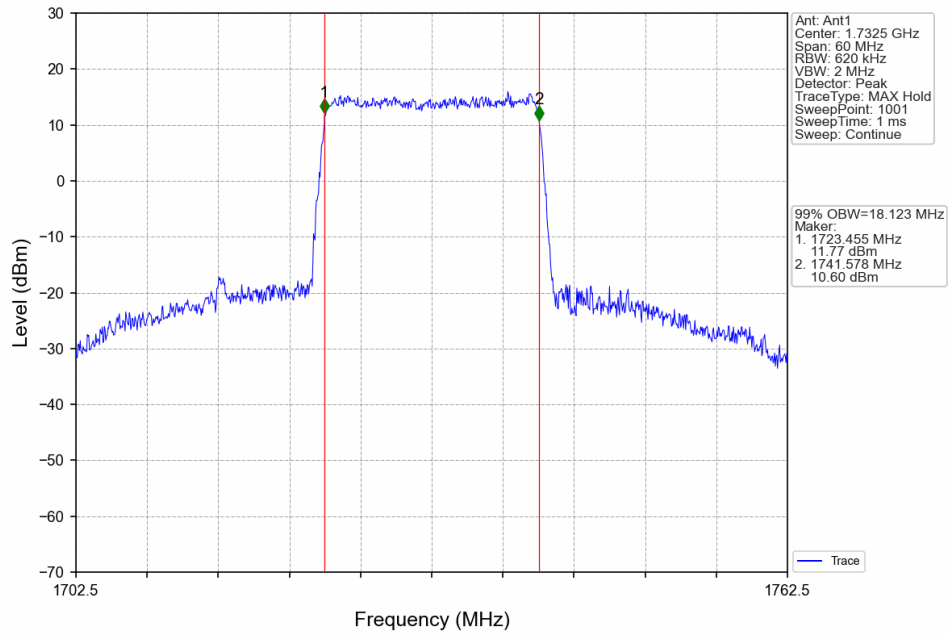
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



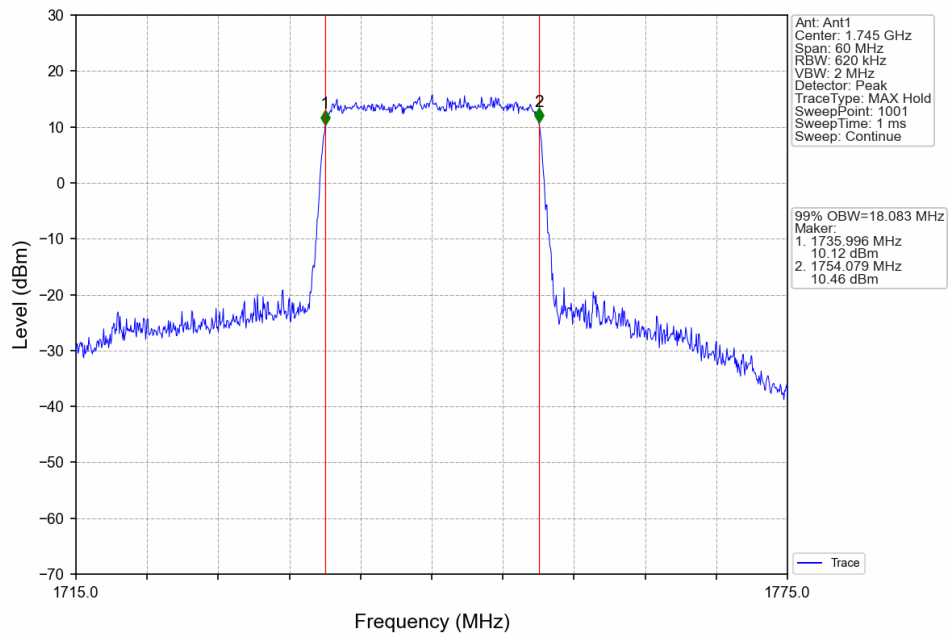
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

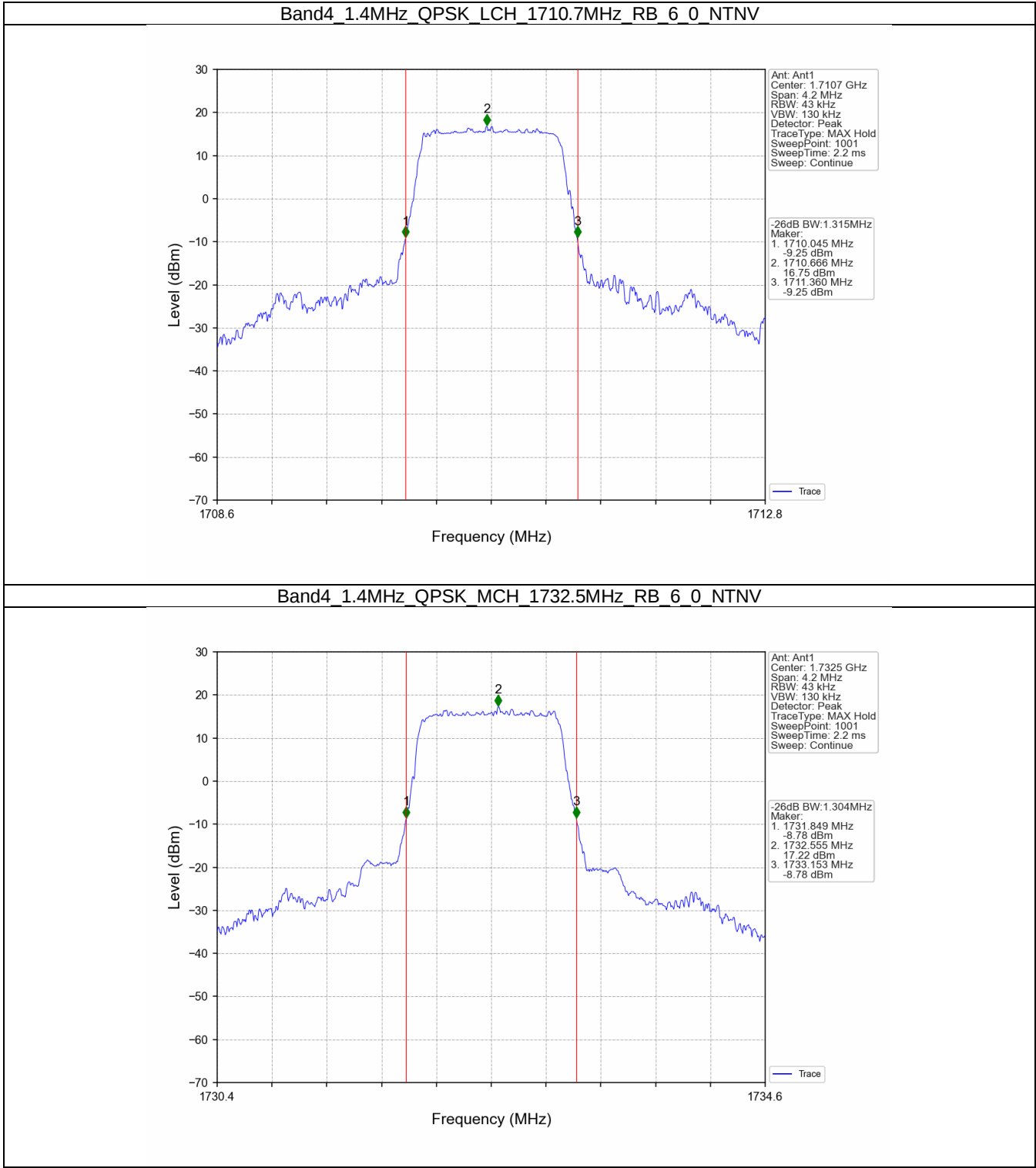


5.2 Band4_XDB

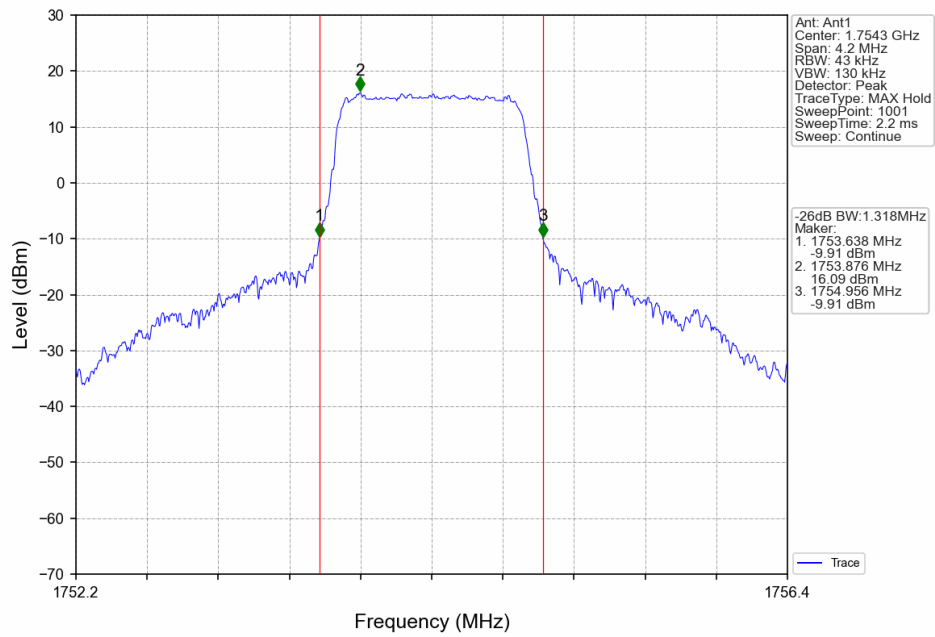
5.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.315	Pass
		1732.5	6	0	1.304	Pass
		1754.3	6	0	1.318	Pass
	16QAM	1710.7	6	0	1.297	Pass
		1732.5	6	0	1.321	Pass
		1754.3	6	0	1.339	Pass
3	QPSK	1711.5	15	0	2.997	Pass
		1732.5	15	0	3.006	Pass
		1753.5	15	0	2.999	Pass
	16QAM	1711.5	15	0	2.972	Pass
		1732.5	15	0	2.998	Pass
		1753.5	15	0	3.006	Pass
5	QPSK	1712.5	25	0	4.979	Pass
		1732.5	25	0	5.027	Pass
		1752.5	25	0	5.694	Pass
	16QAM	1712.5	25	0	4.984	Pass
		1732.5	25	0	5.048	Pass
		1752.5	25	0	5.365	Pass
10	QPSK	1715	50	0	9.970	Pass
		1732.5	50	0	9.959	Pass
		1750	50	0	10.834	Pass
	16QAM	1715	50	0	10.430	Pass
		1732.5	50	0	9.954	Pass
		1750	50	0	10.604	Pass
15	QPSK	1717.5	75	0	18.466	Pass
		1732.5	75	0	14.942	Pass
		1747.5	75	0	16.394	Pass
	16QAM	1717.5	75	0	16.929	Pass
		1732.5	75	0	14.931	Pass
		1747.5	75	0	17.071	Pass
20	QPSK	1720	100	0	19.697	Pass
		1732.5	100	0	19.799	Pass
		1745	100	0	19.846	Pass
	16QAM	1720	100	0	19.681	Pass
		1732.5	100	0	19.830	Pass
		1745	100	0	19.680	Pass

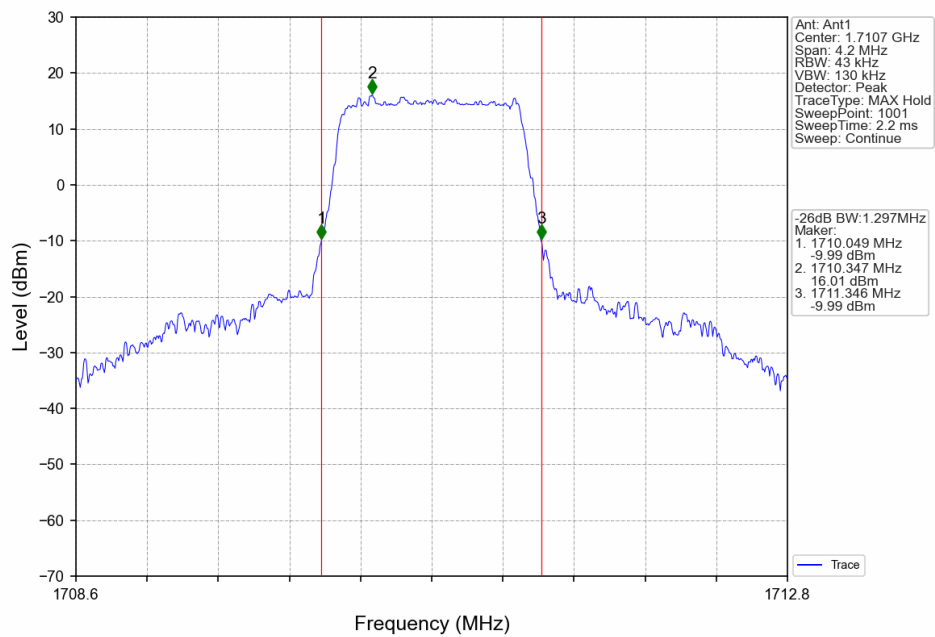
5.2.2 Test Graph



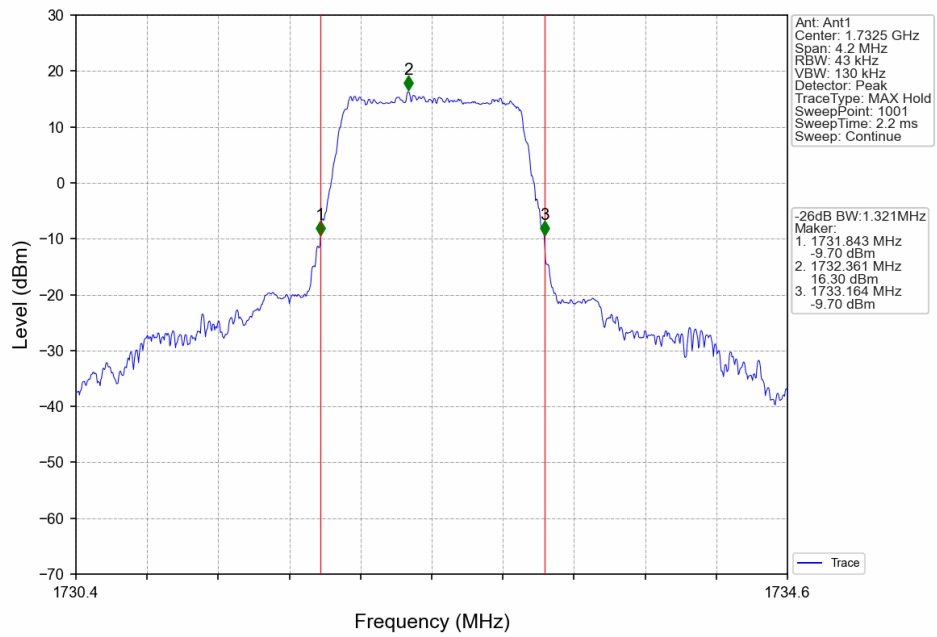
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



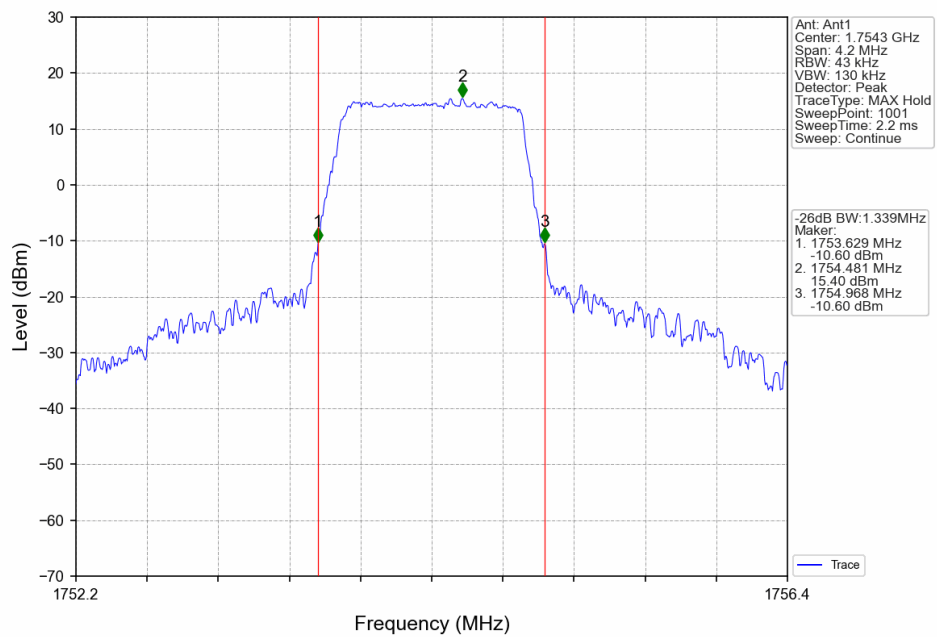
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



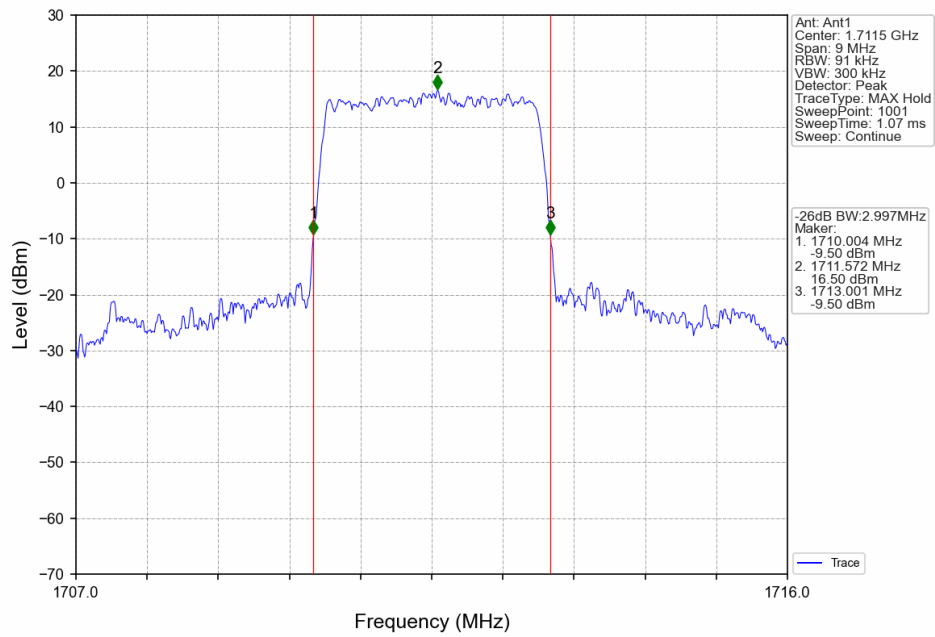
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



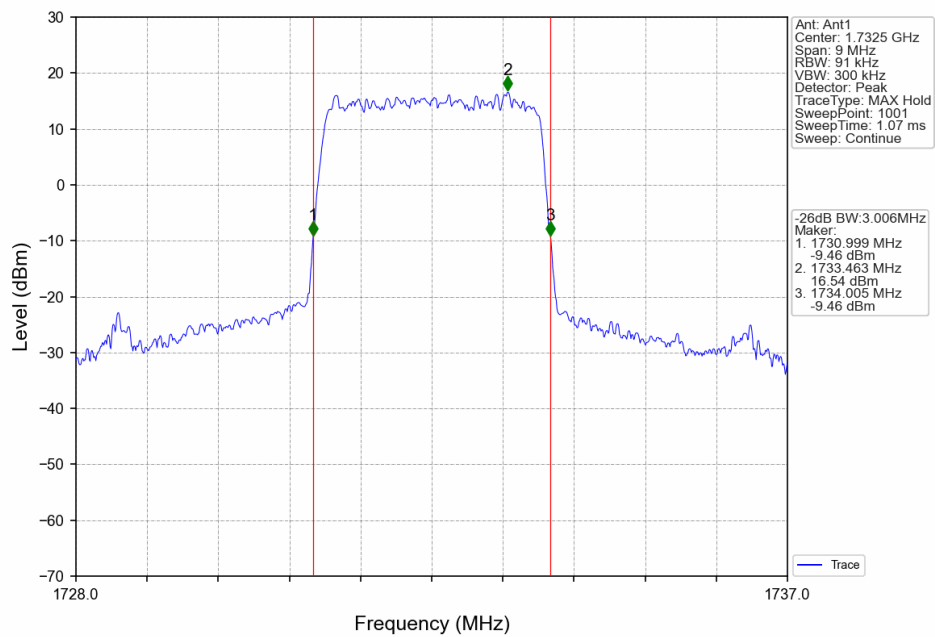
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



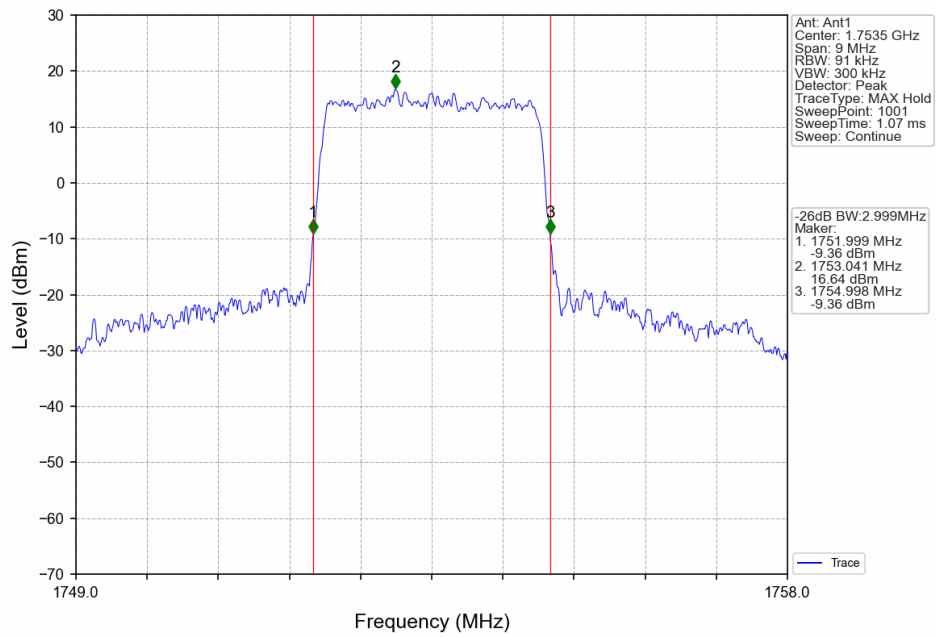
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



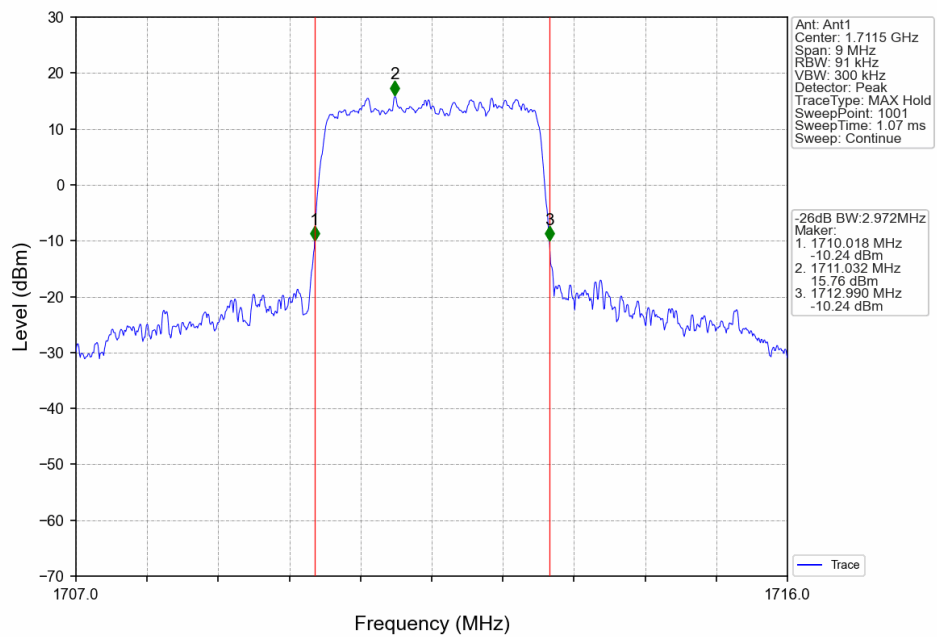
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



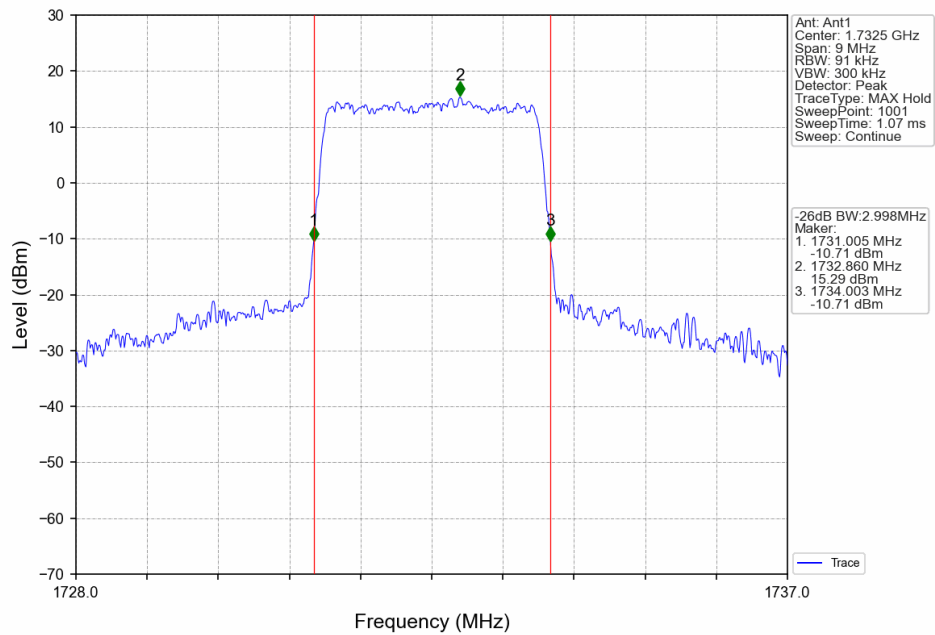
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



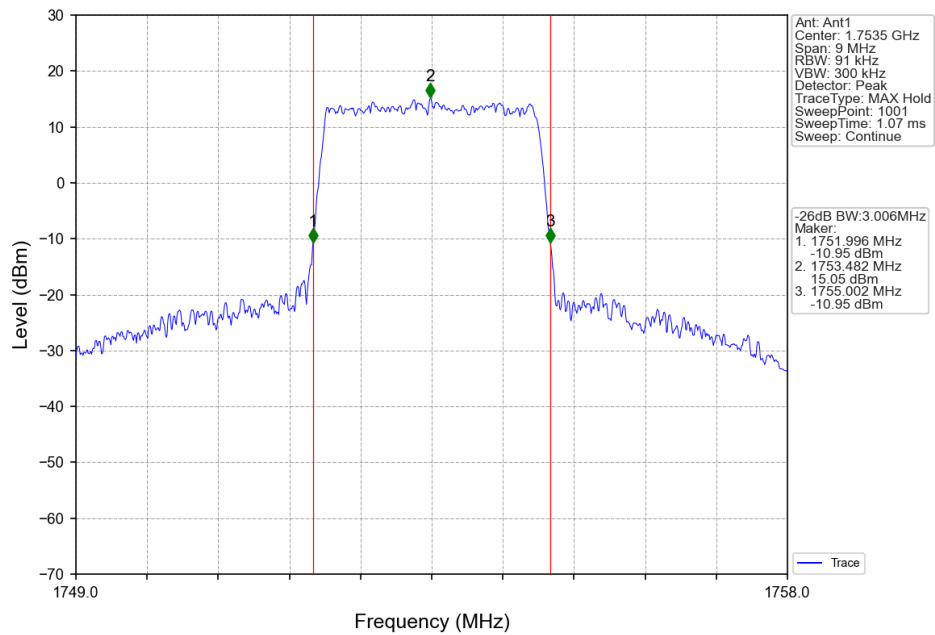
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



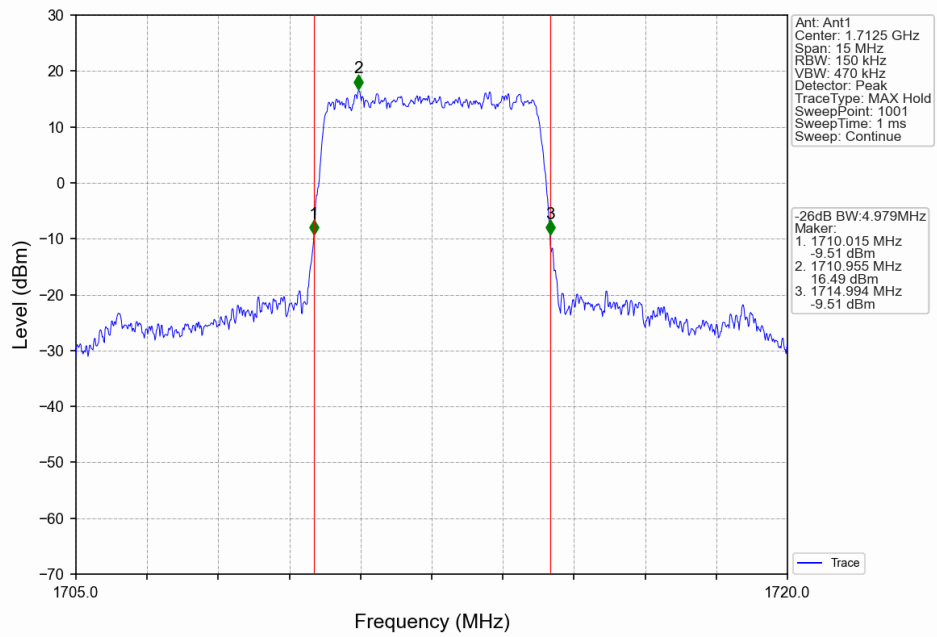
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



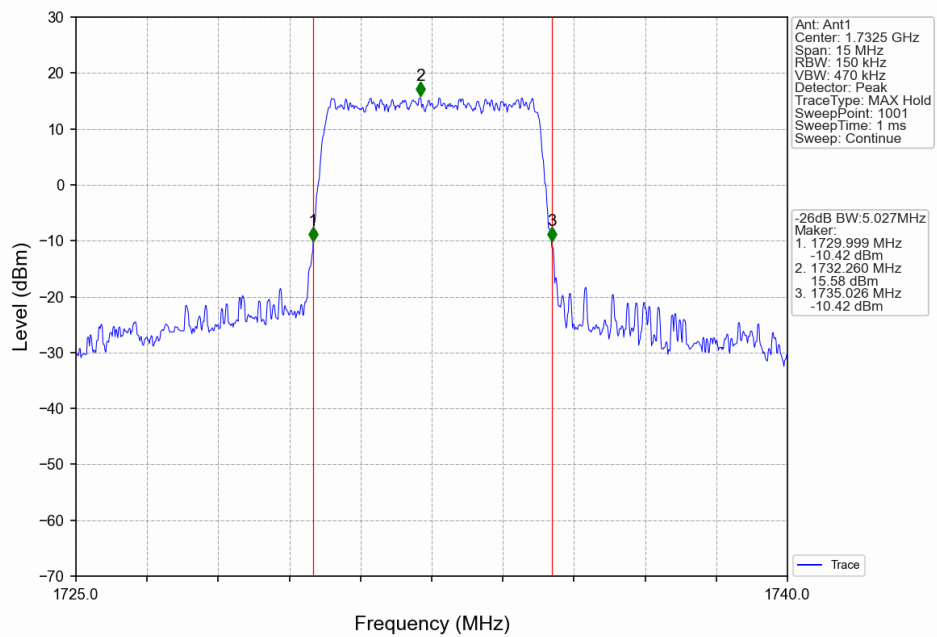
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



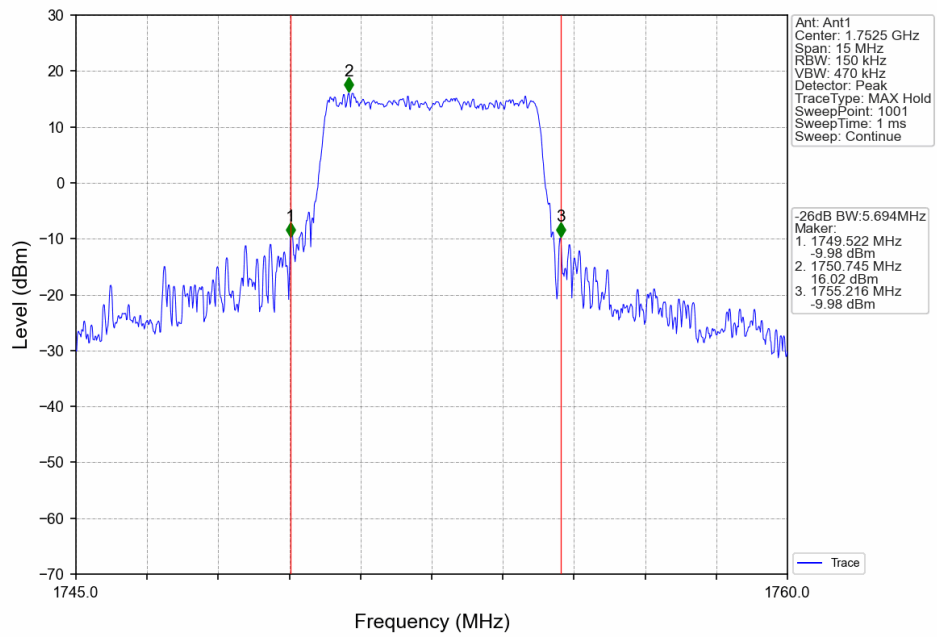
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



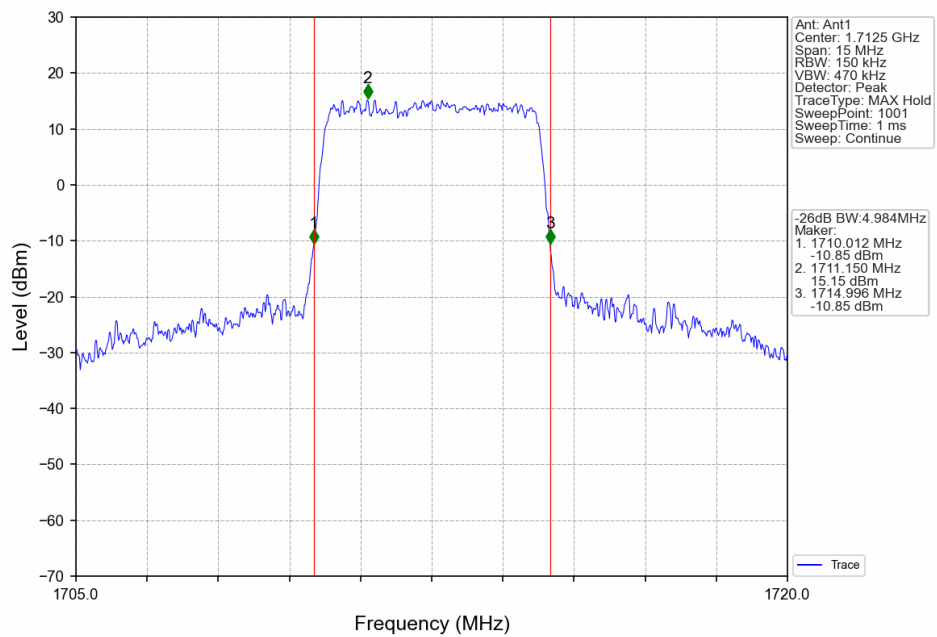
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTN



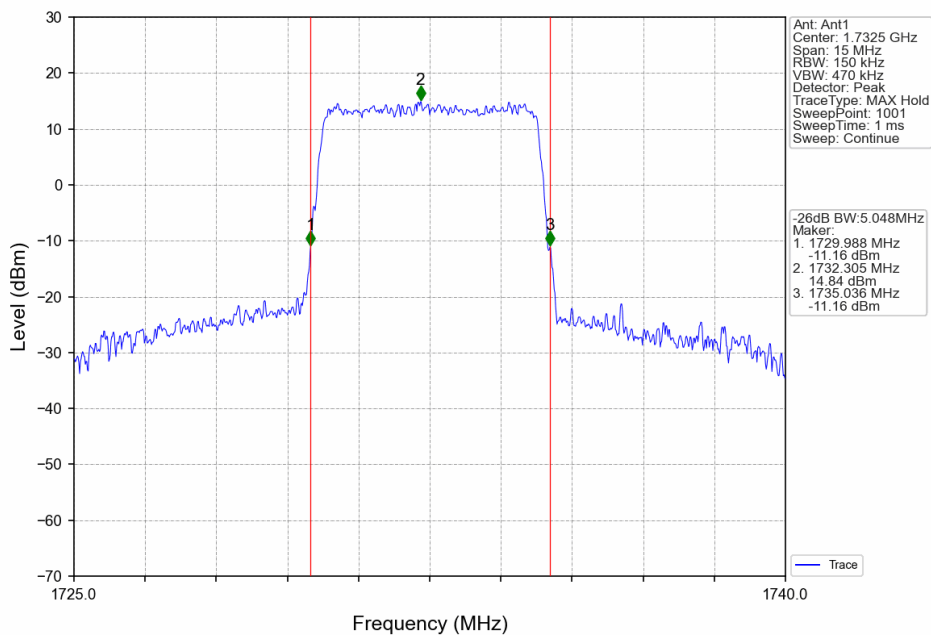
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTN



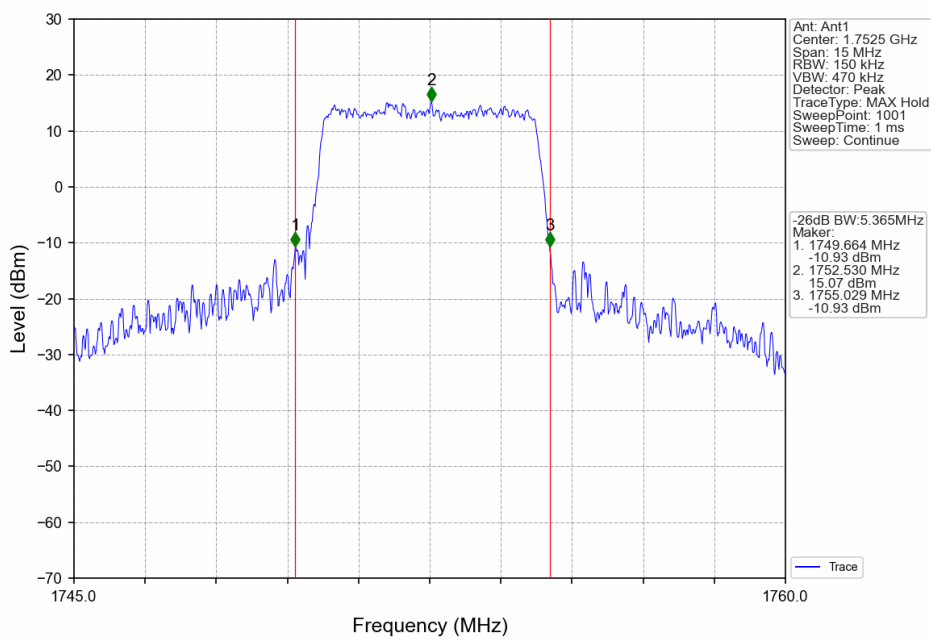
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0 NTN



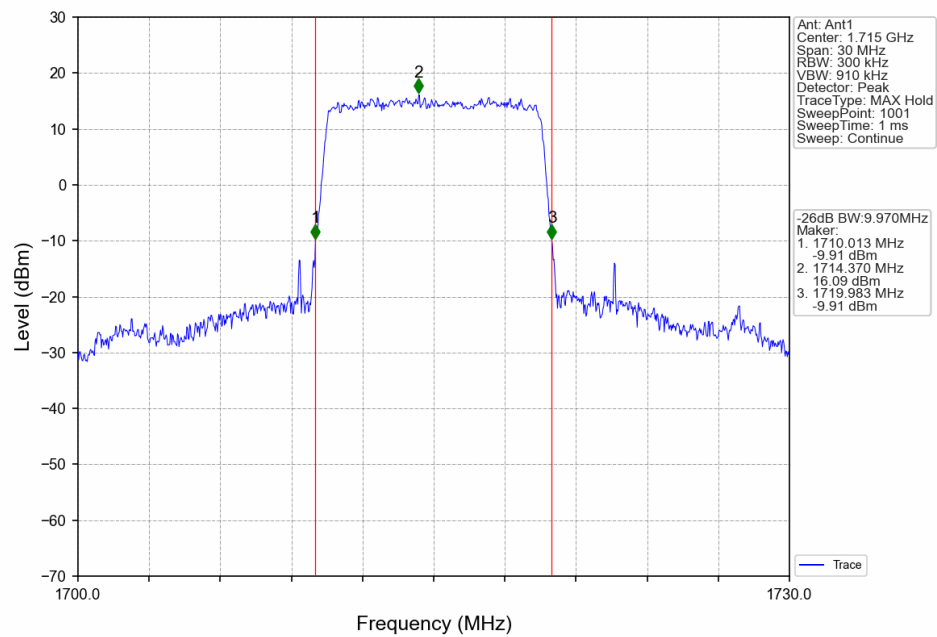
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



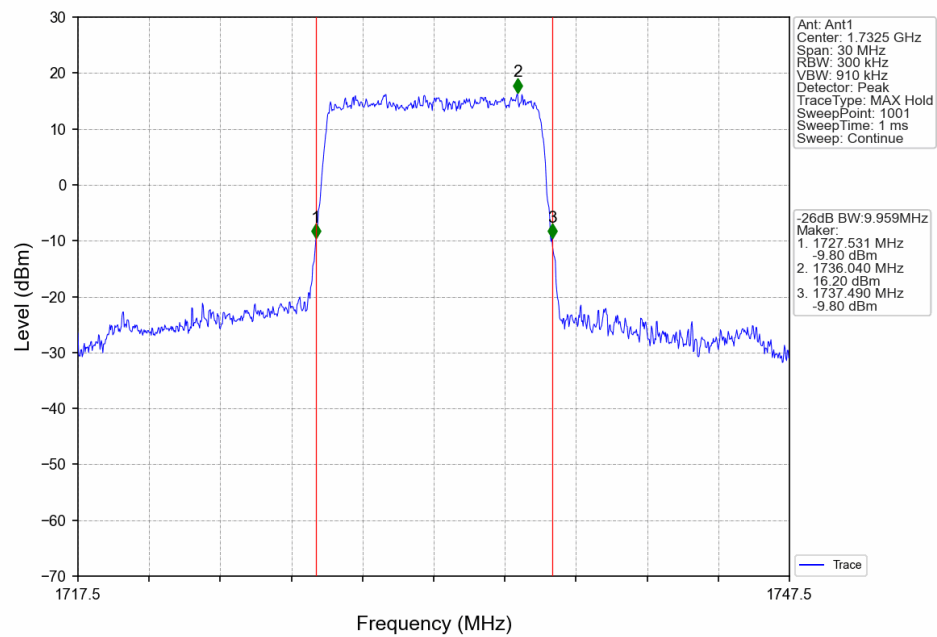
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



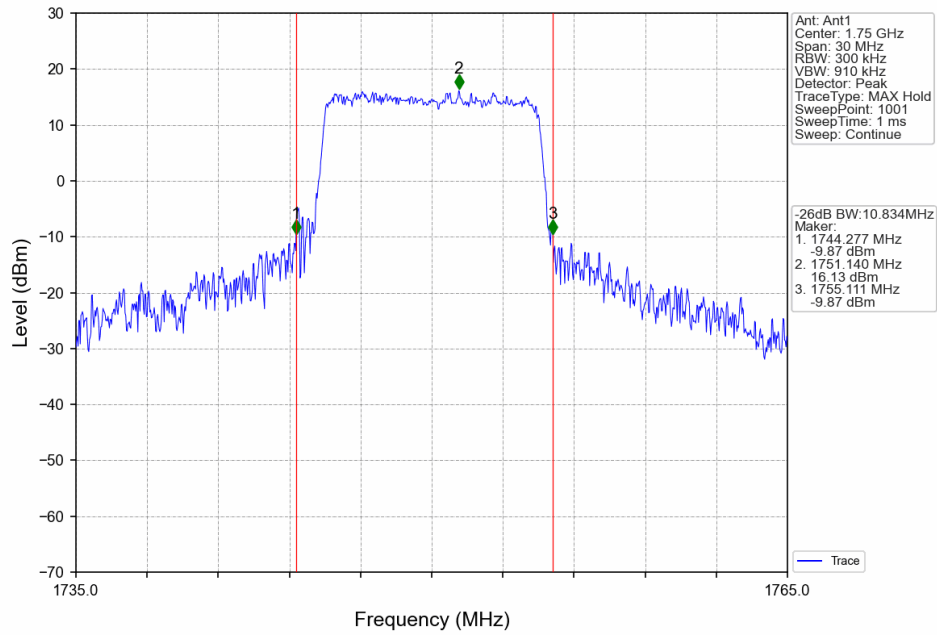
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



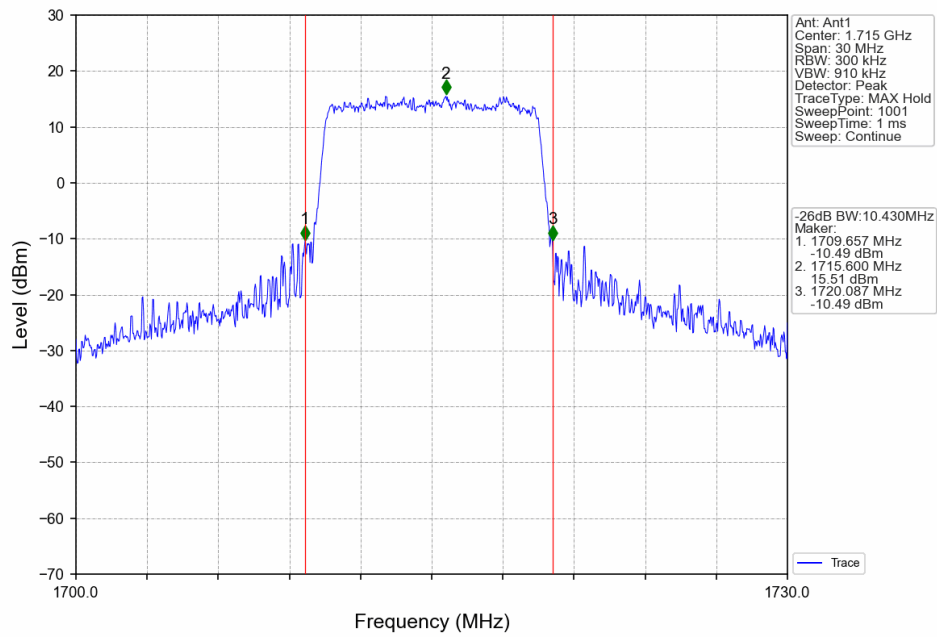
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



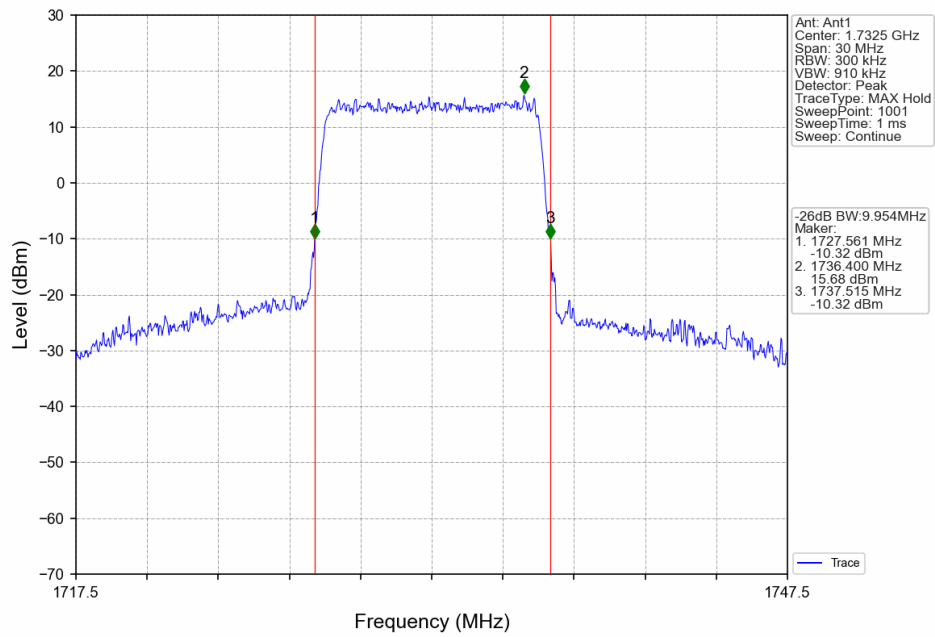
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



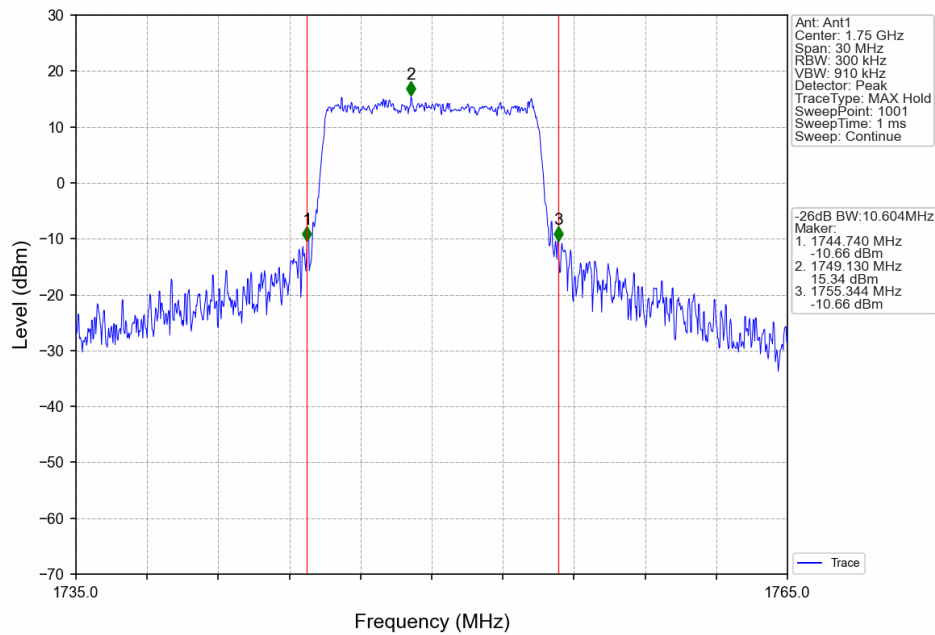
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



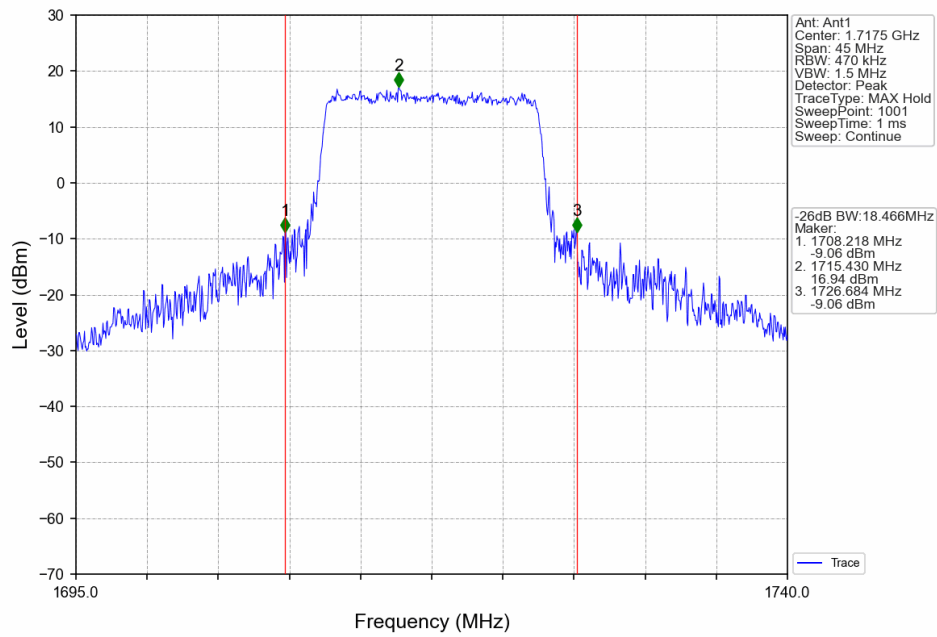
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



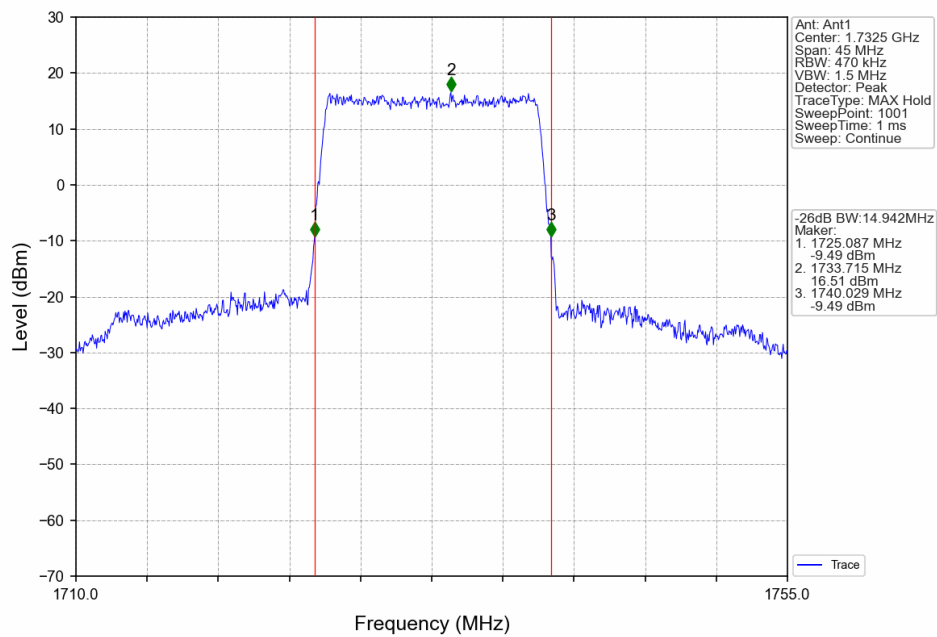
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTN



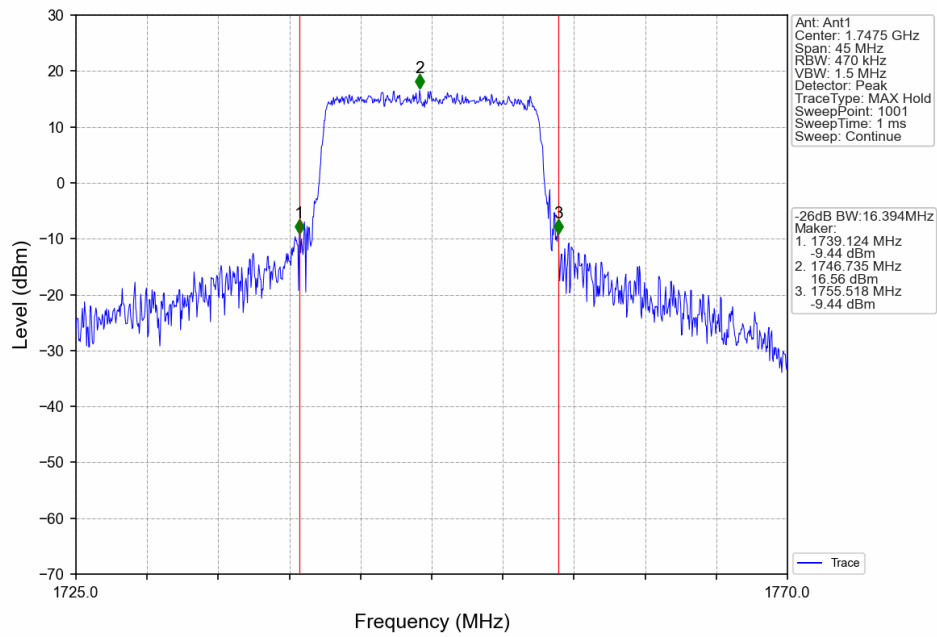
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



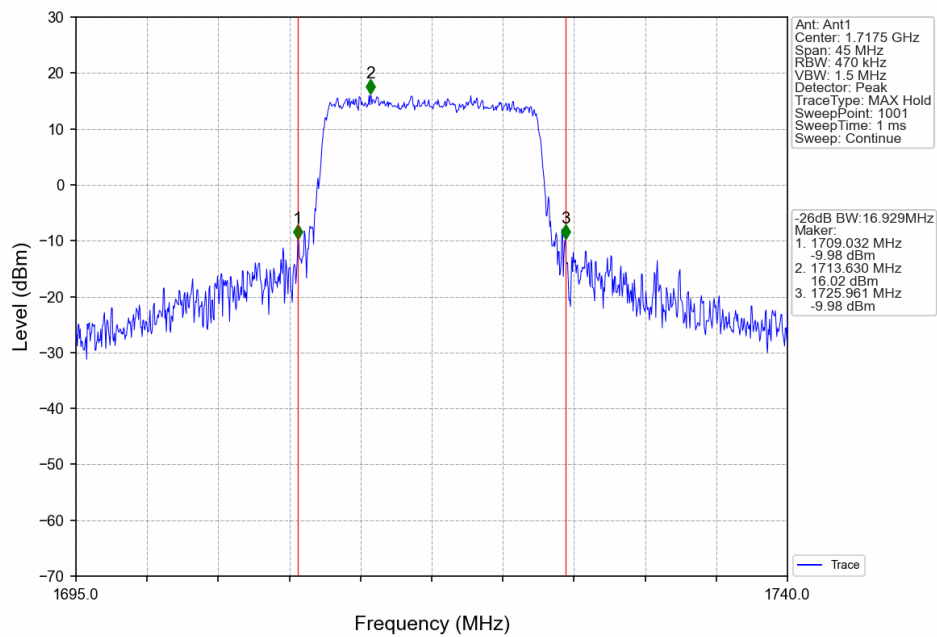
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



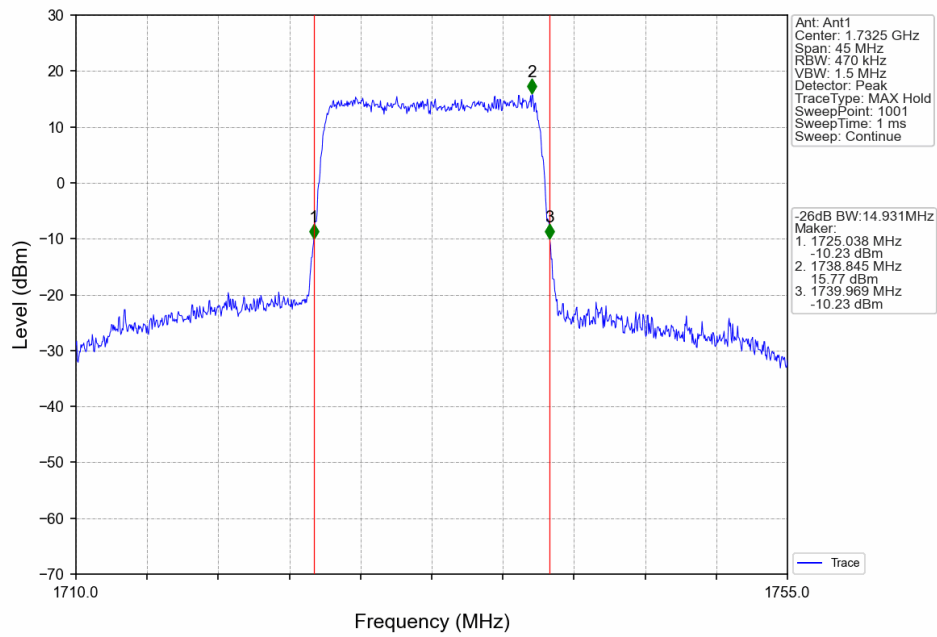
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



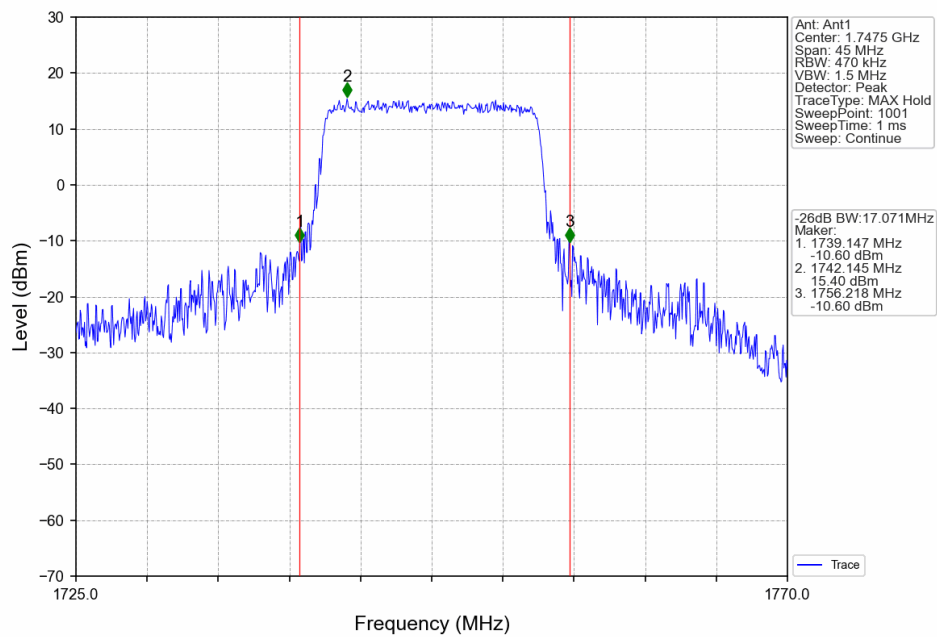
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



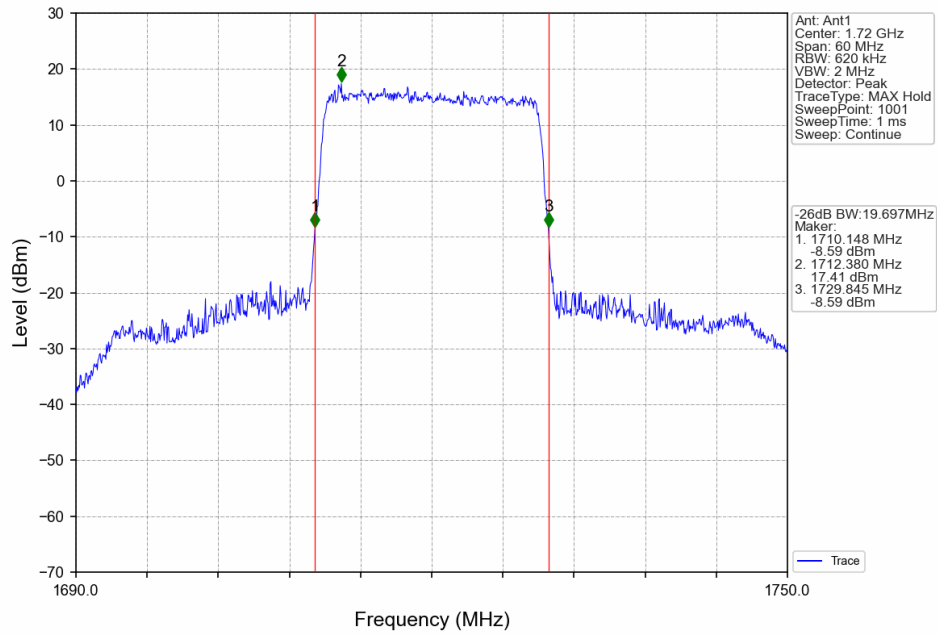
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



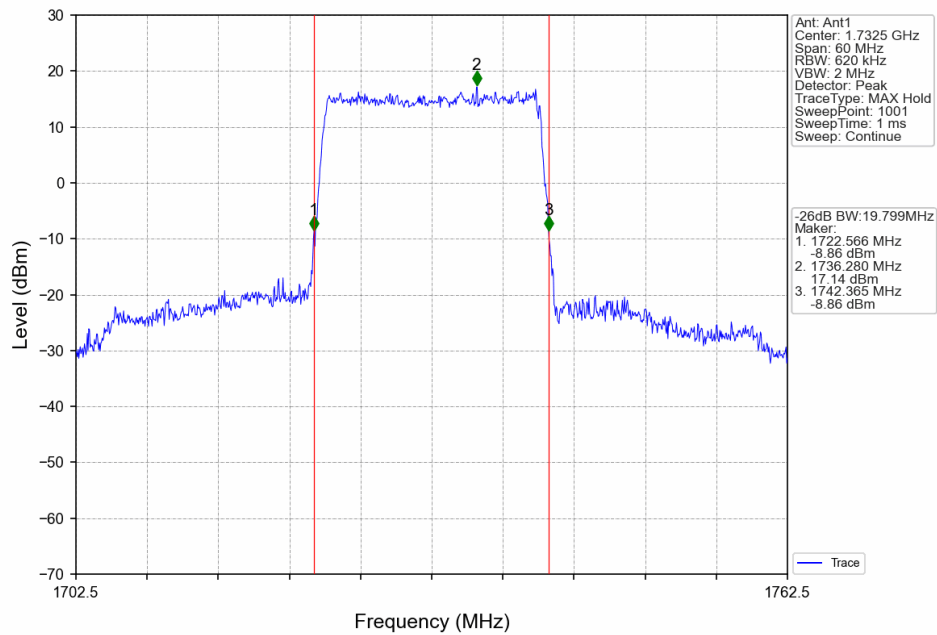
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



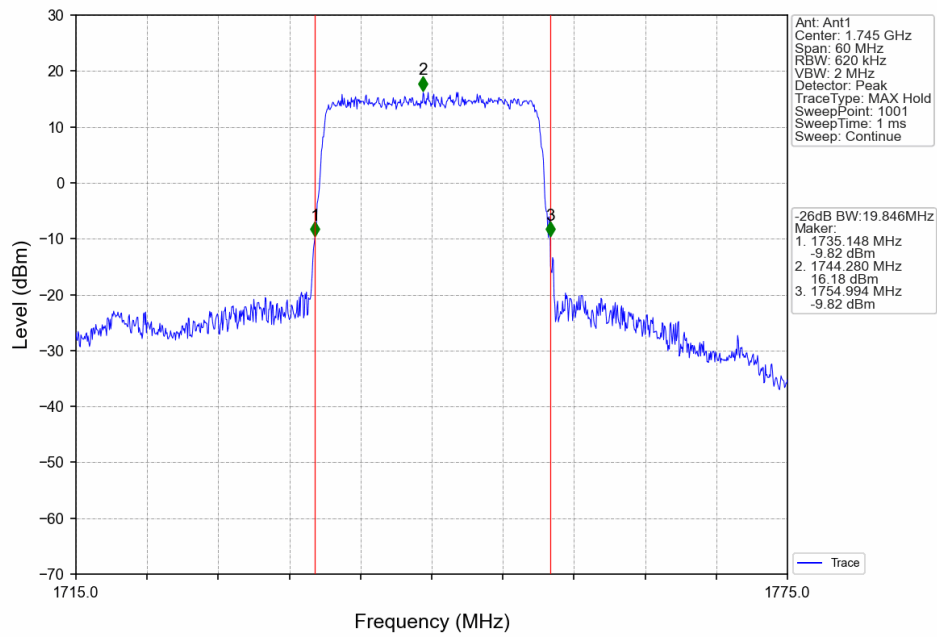
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



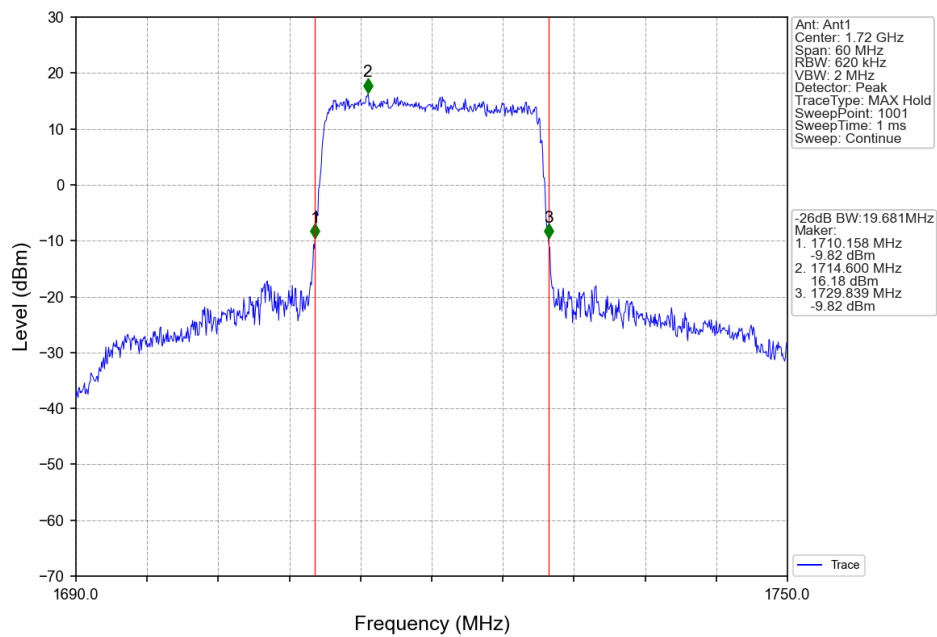
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



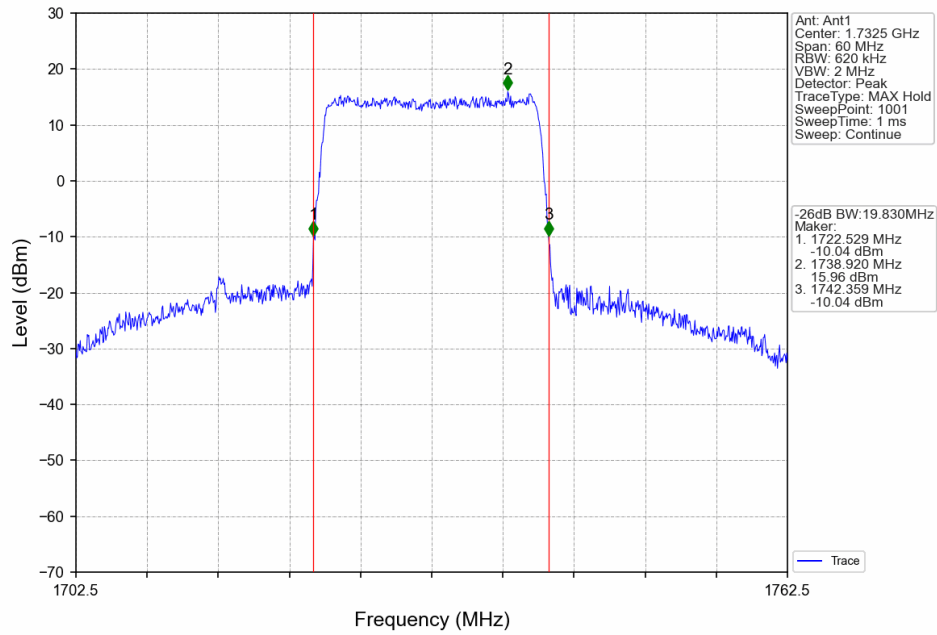
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



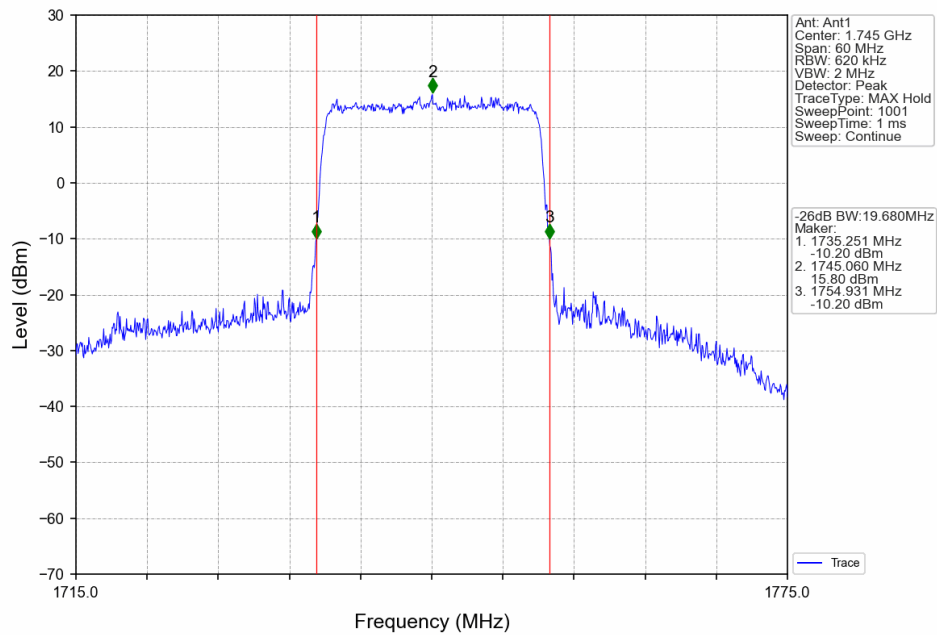
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



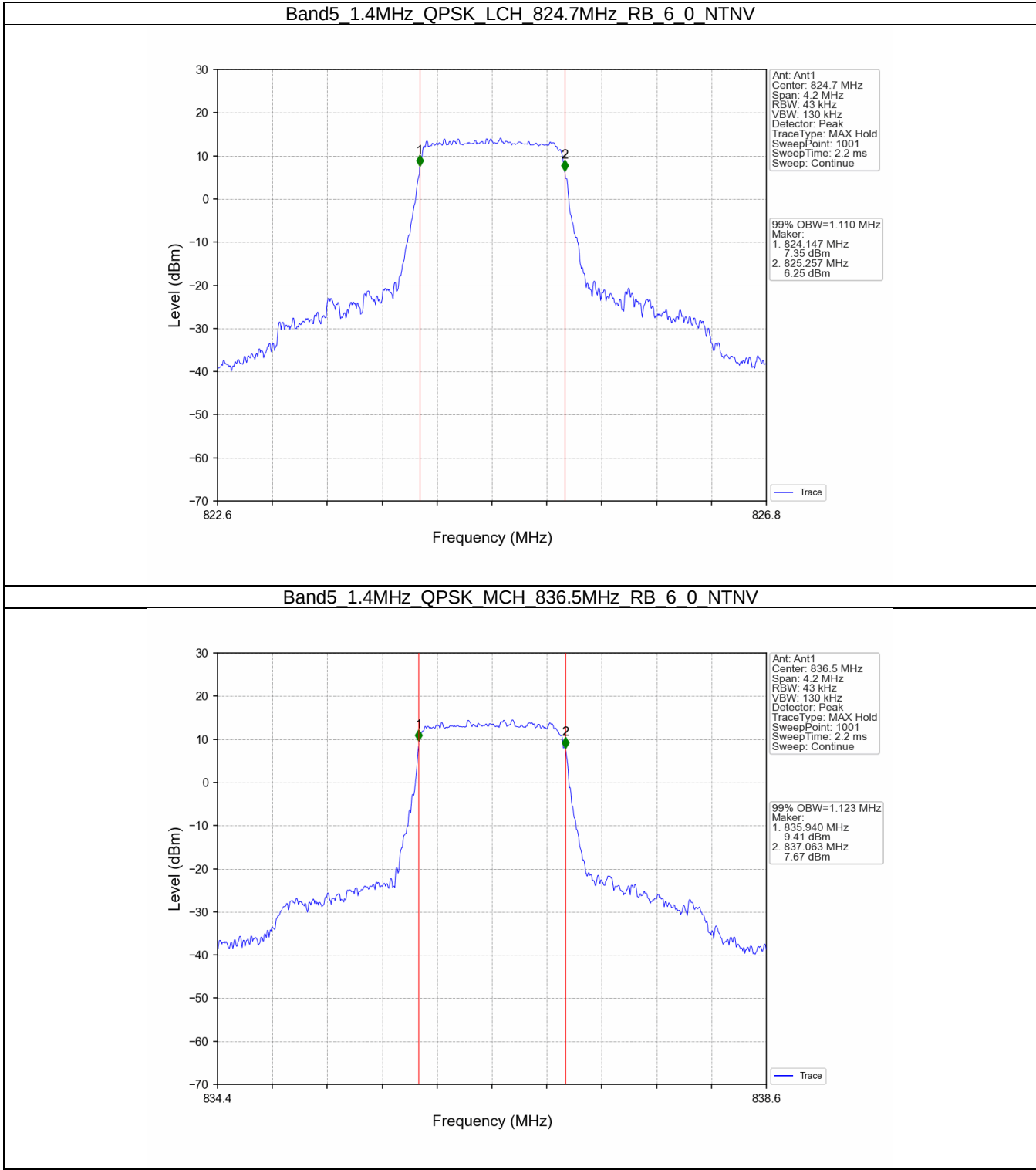
6. 99% & 26dB Bandwidth

6.1 Band5_OBW

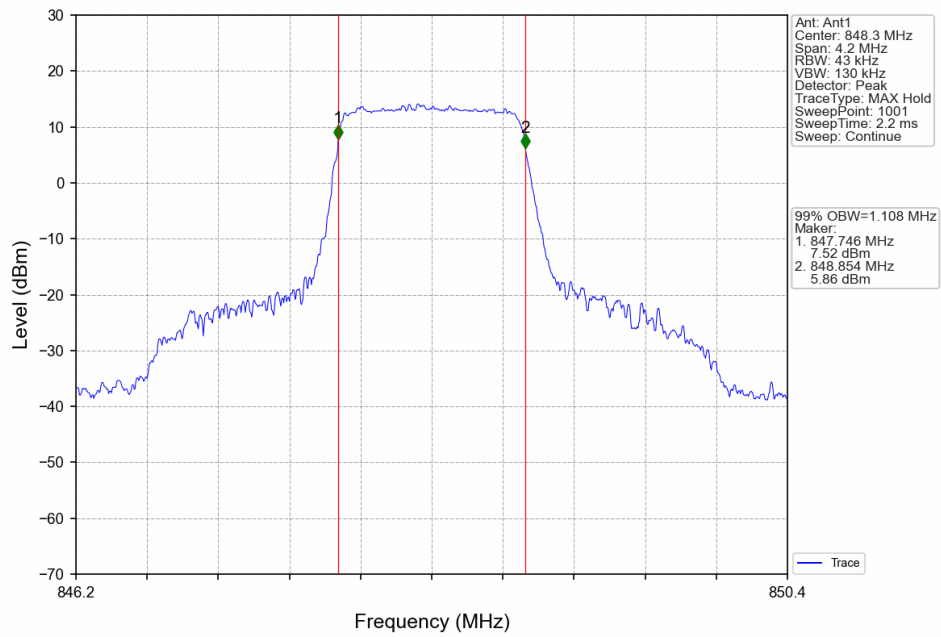
6.1.1 Test Result

Band: 5 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.110	Pass
		836.5	6	0	1.123	Pass
		848.3	6	0	1.108	Pass
	16QAM	824.7	6	0	1.100	Pass
		836.5	6	0	1.110	Pass
		848.3	6	0	1.120	Pass
3	QPSK	825.5	15	0	2.728	Pass
		836.5	15	0	2.727	Pass
		847.5	15	0	2.728	Pass
	16QAM	825.5	15	0	2.726	Pass
		836.5	15	0	2.728	Pass
		847.5	15	0	2.718	Pass
5	QPSK	826.5	25	0	4.560	Pass
		836.5	25	0	4.537	Pass
		846.5	25	0	4.535	Pass
	16QAM	826.5	25	0	4.534	Pass
		836.5	25	0	4.535	Pass
		846.5	25	0	4.549	Pass
10	QPSK	829	50	0	9.058	Pass
		836.5	50	0	9.051	Pass
		844	50	0	9.075	Pass
	16QAM	829	50	0	9.062	Pass
		836.5	50	0	9.038	Pass
		844	50	0	9.047	Pass

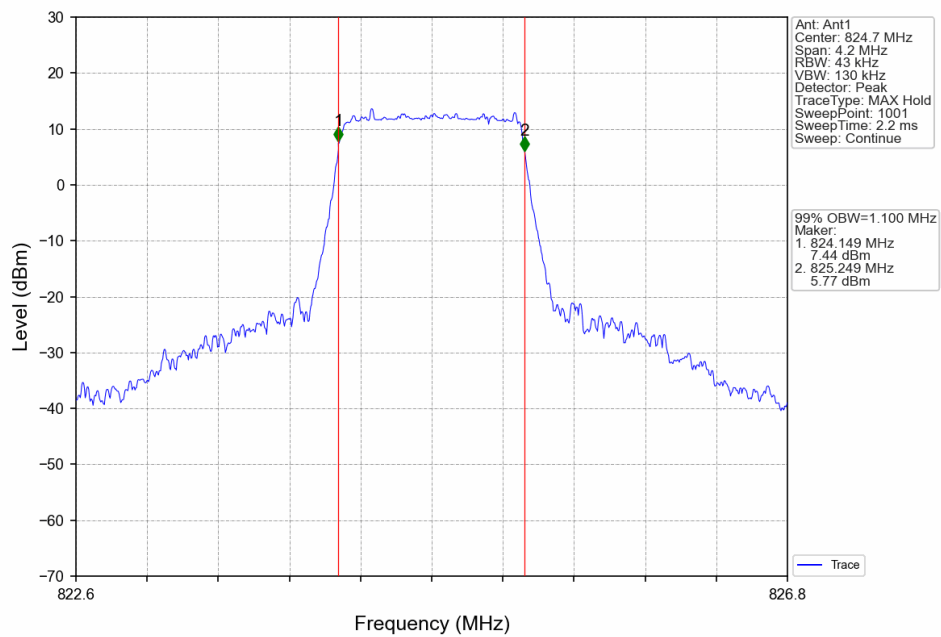
6.1.2 Test Graph



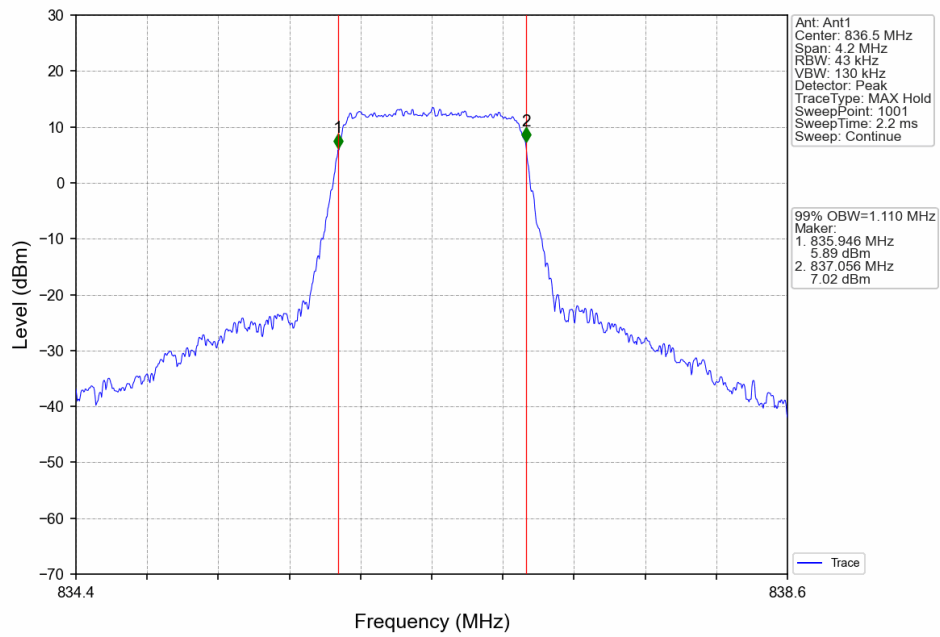
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTN



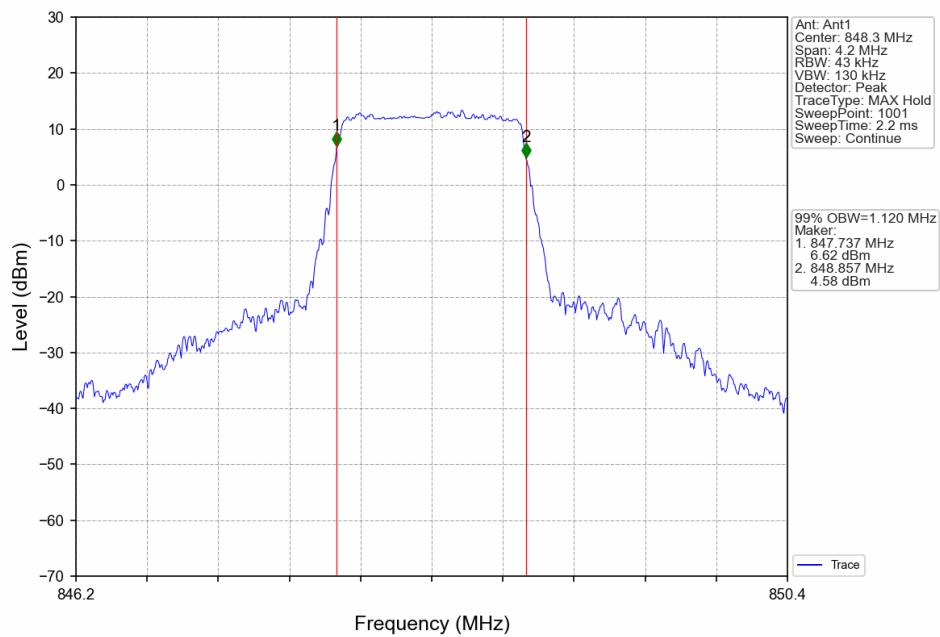
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTN



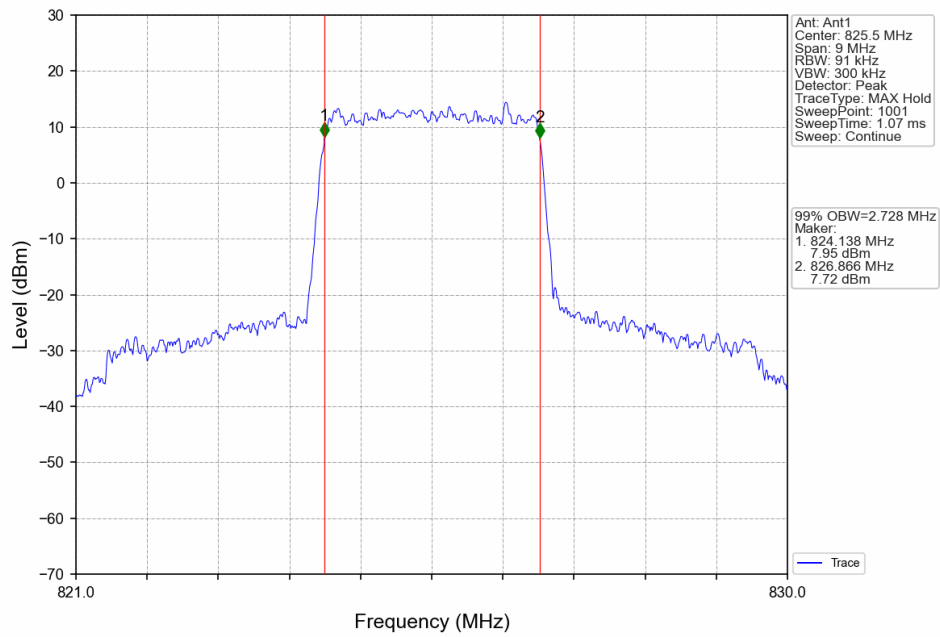
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



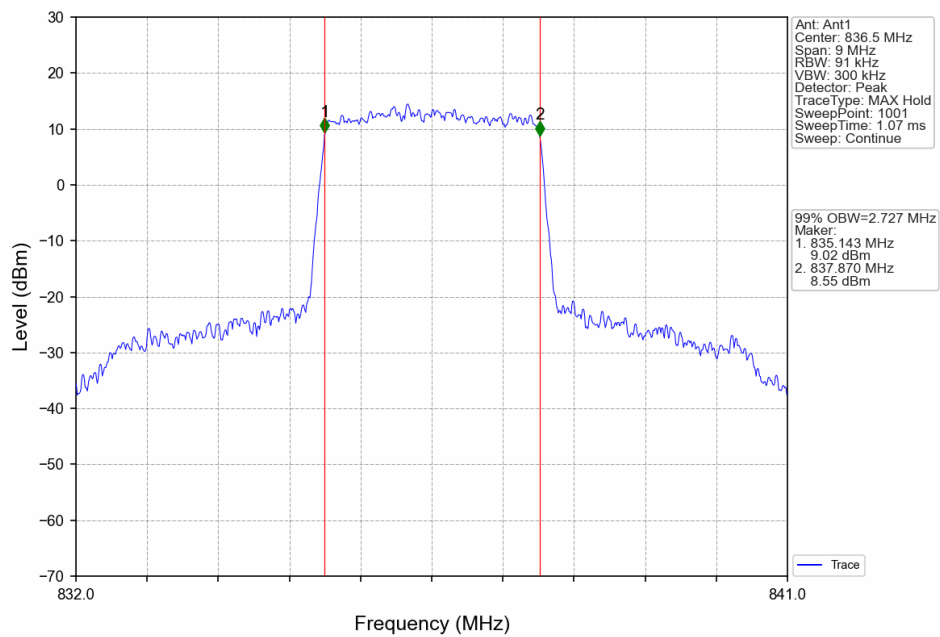
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



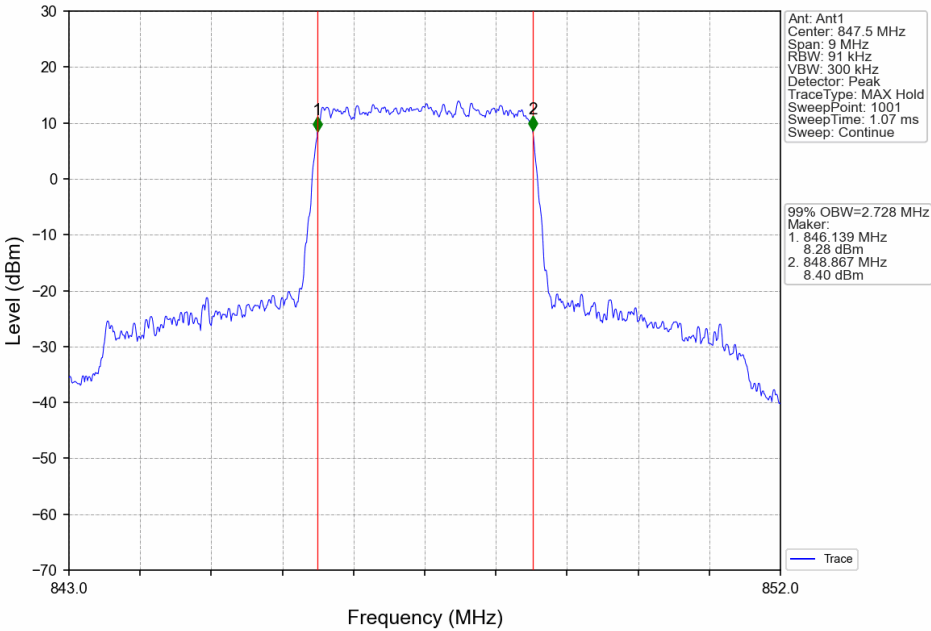
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



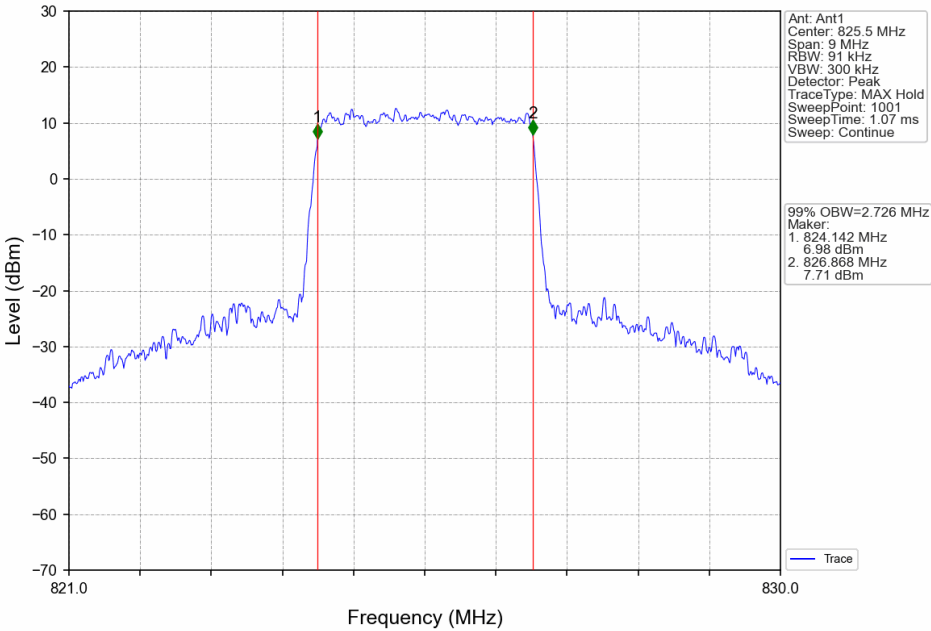
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



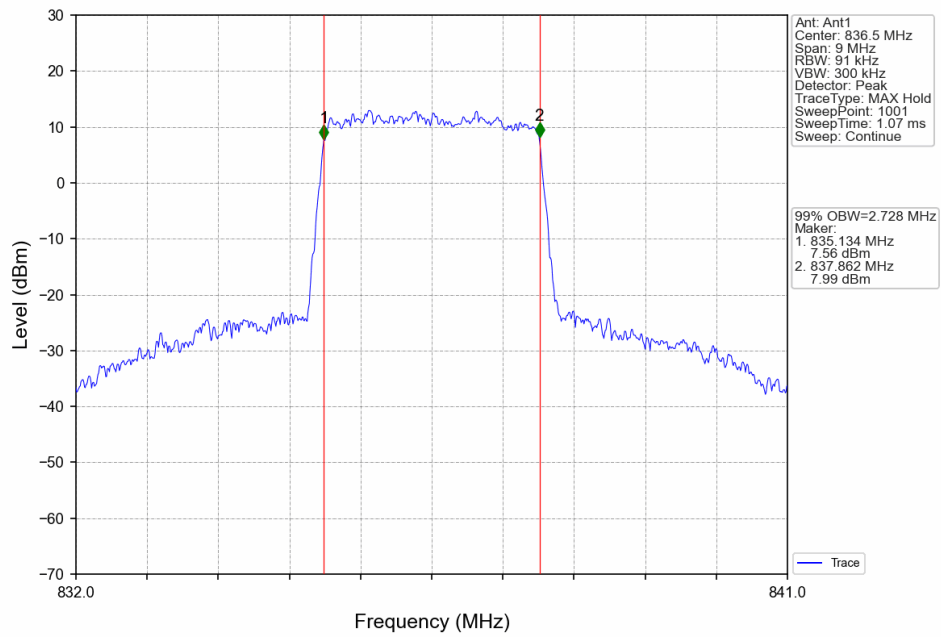
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



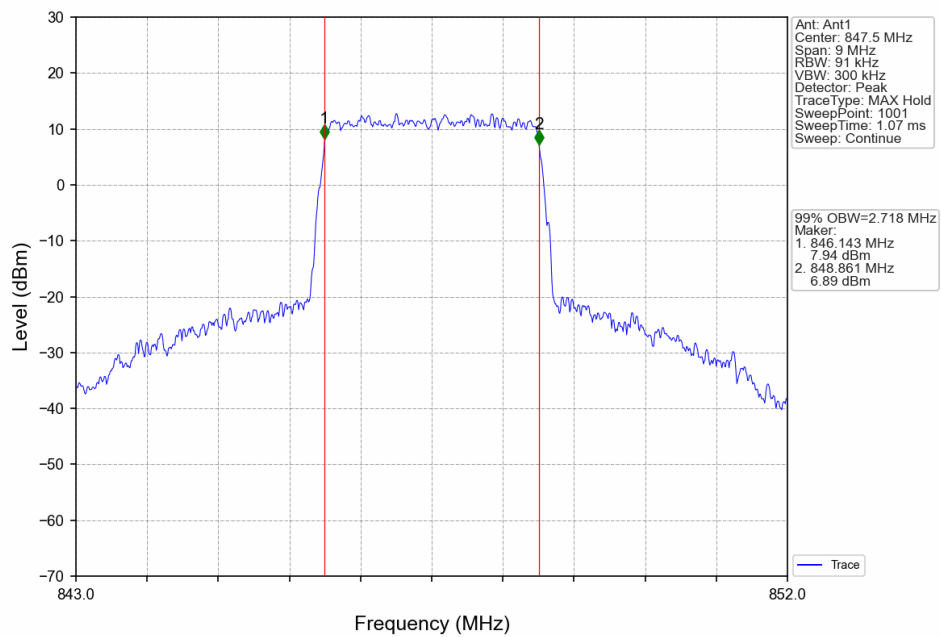
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



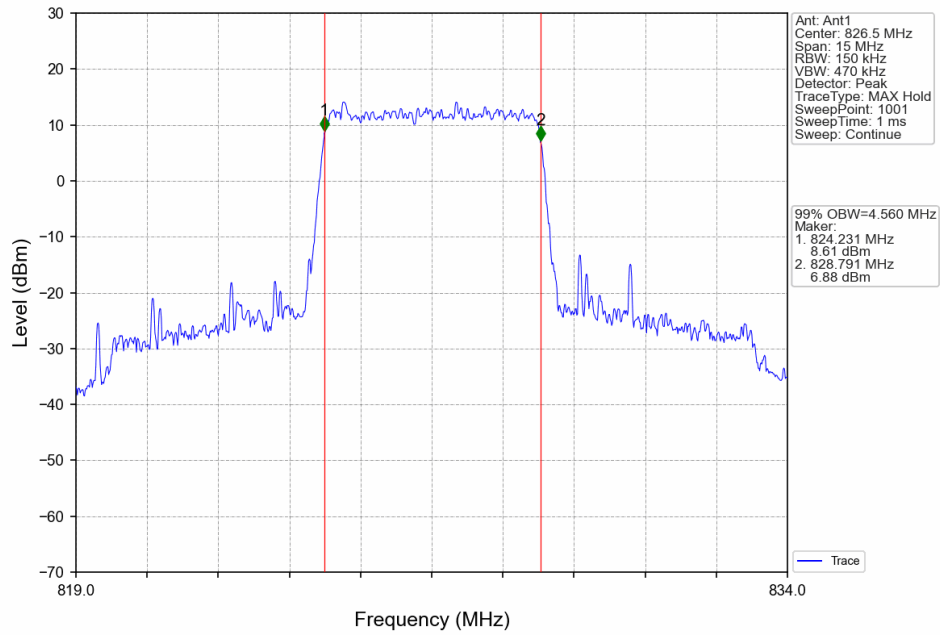
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



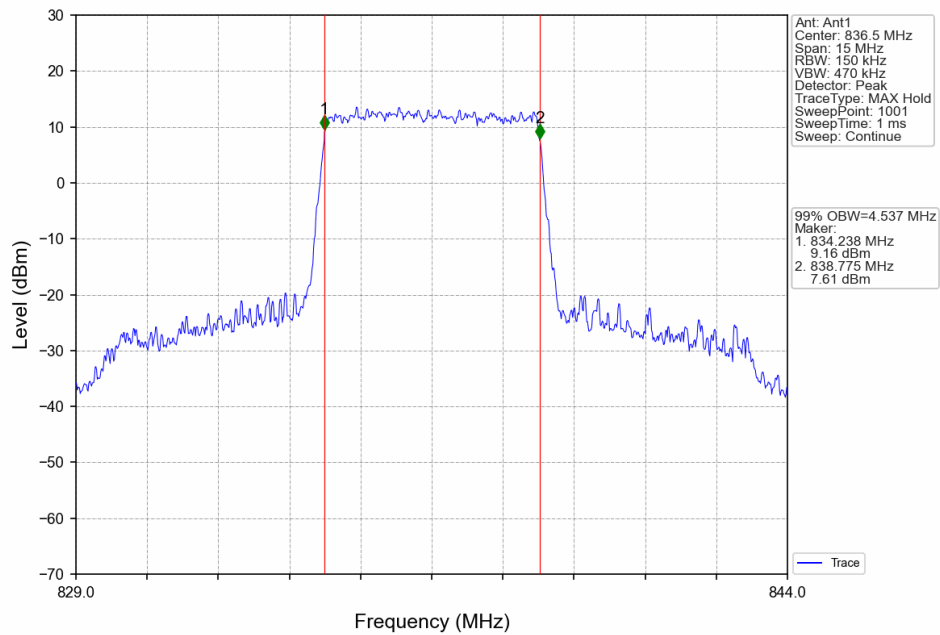
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



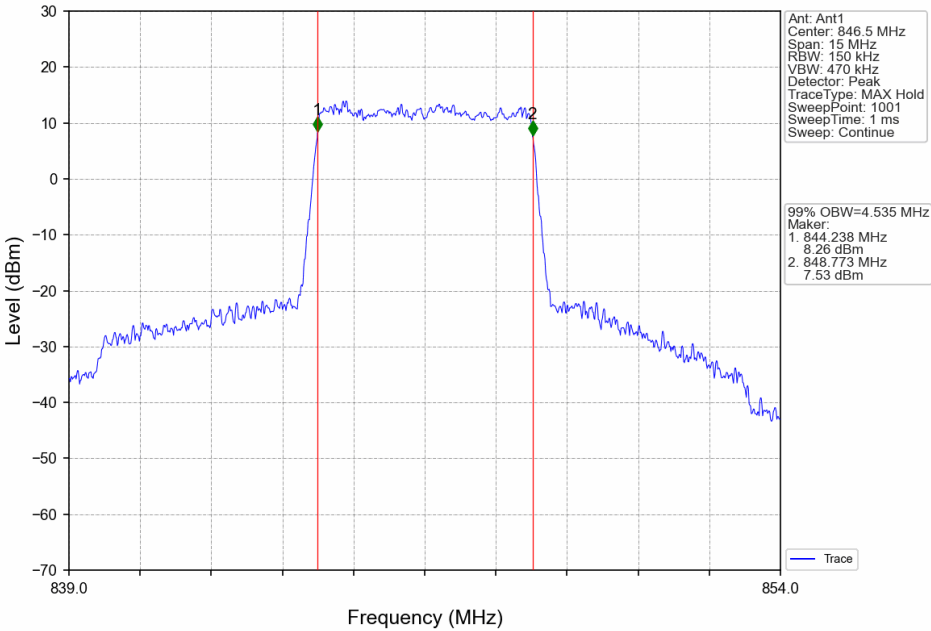
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



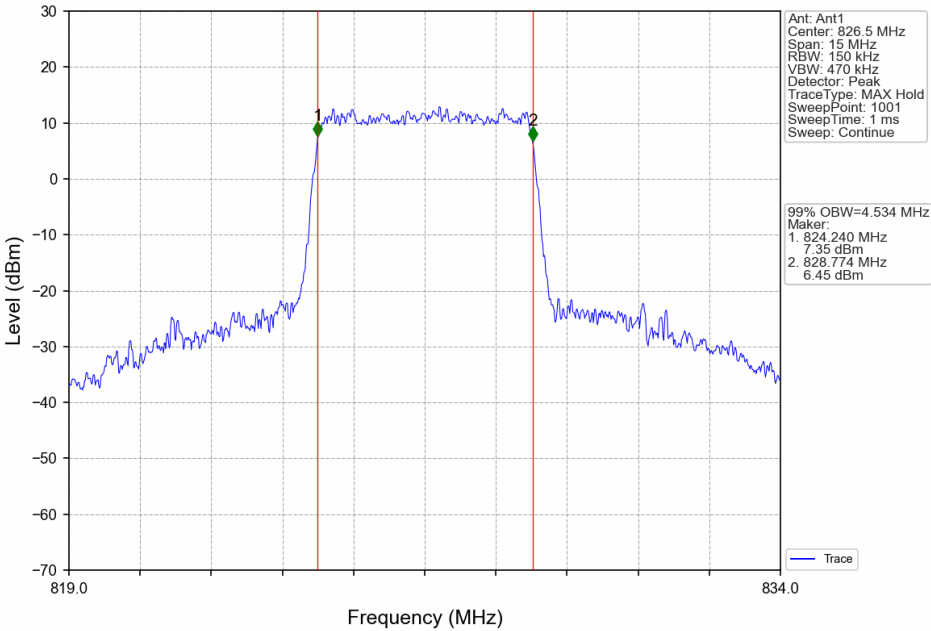
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



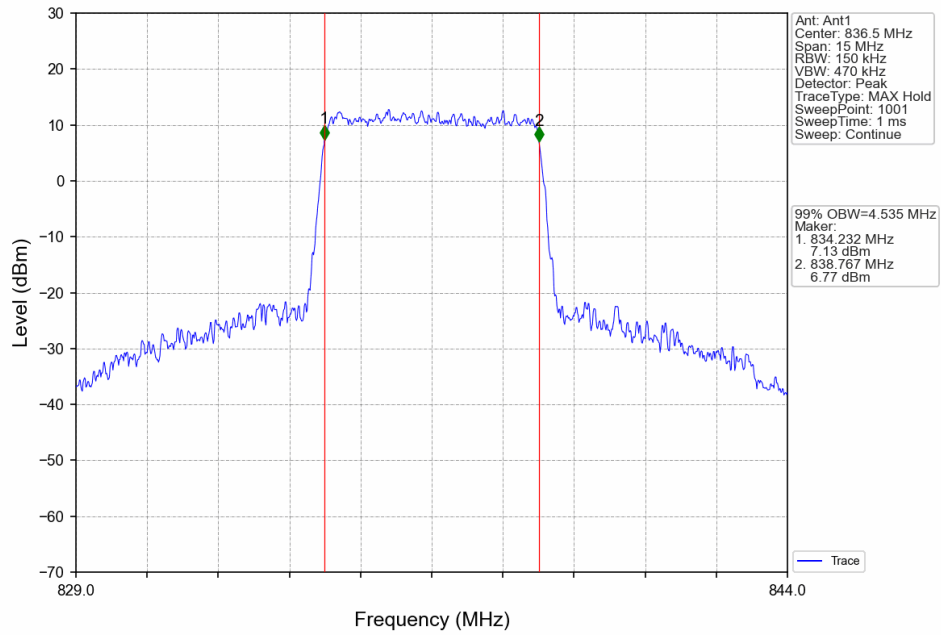
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



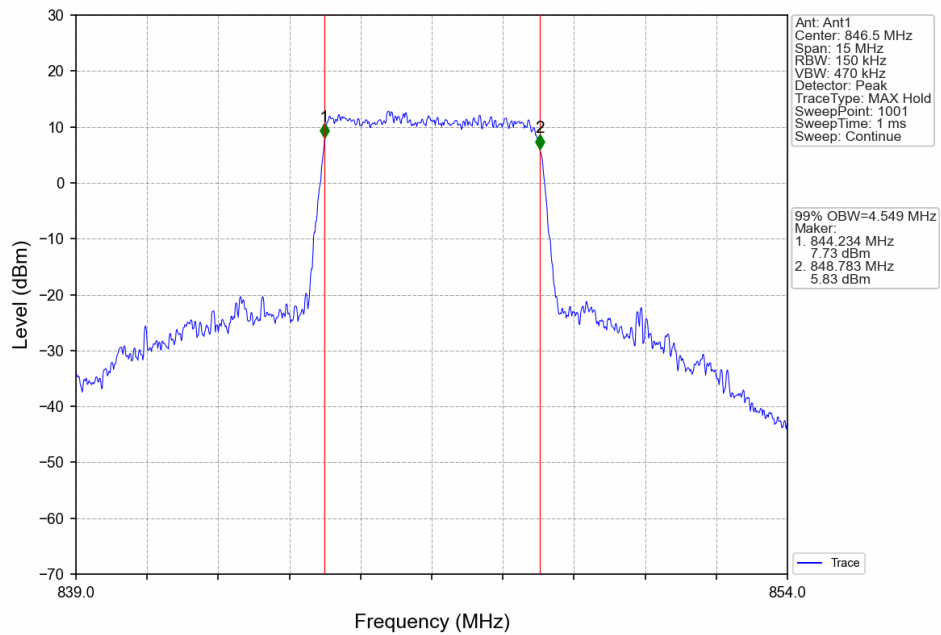
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



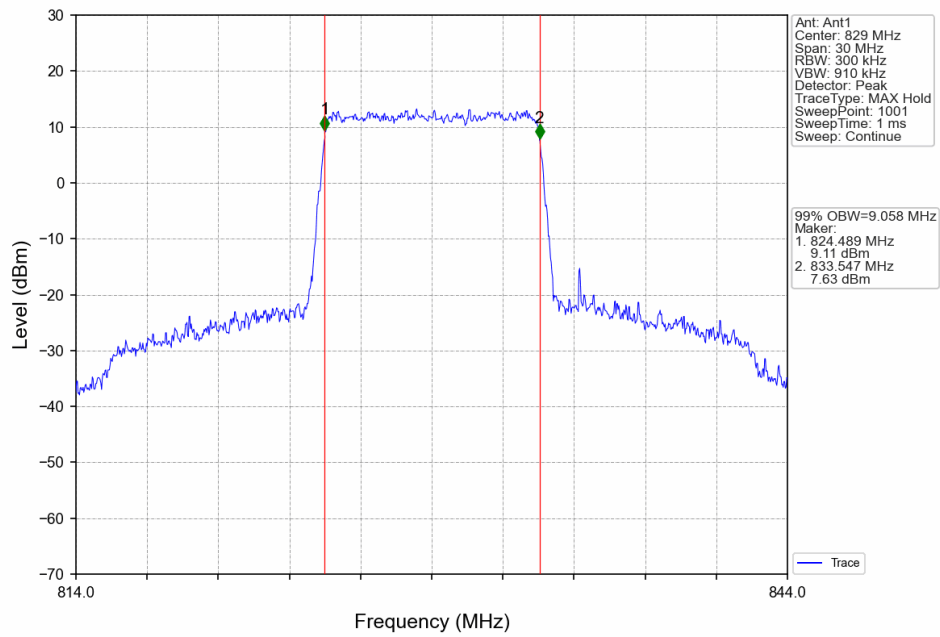
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



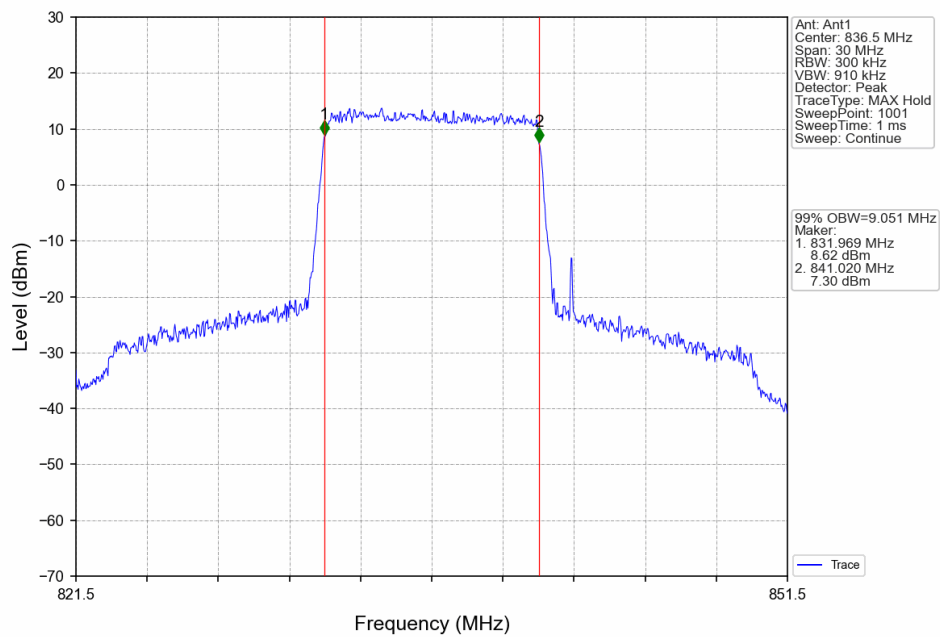
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



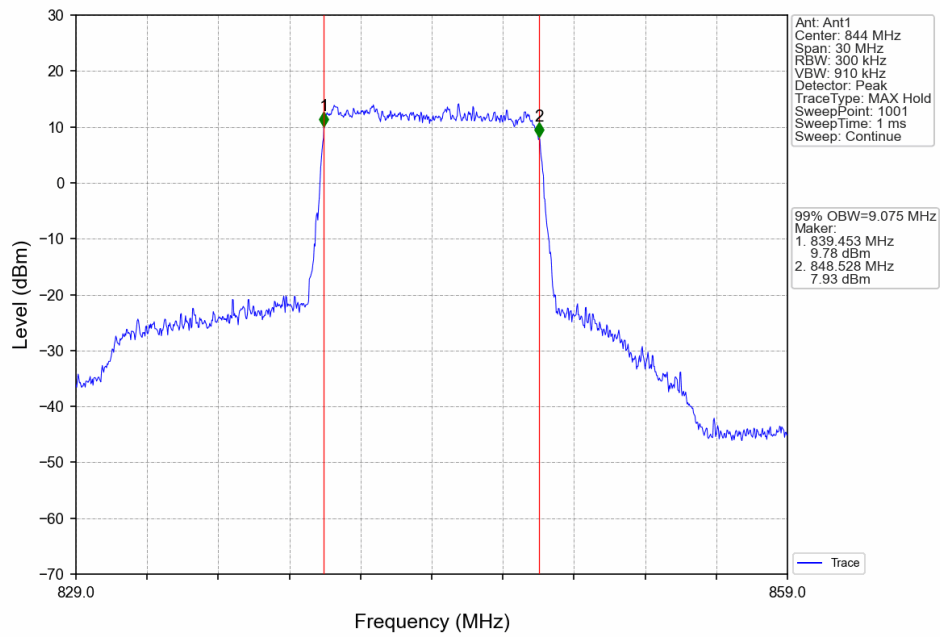
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



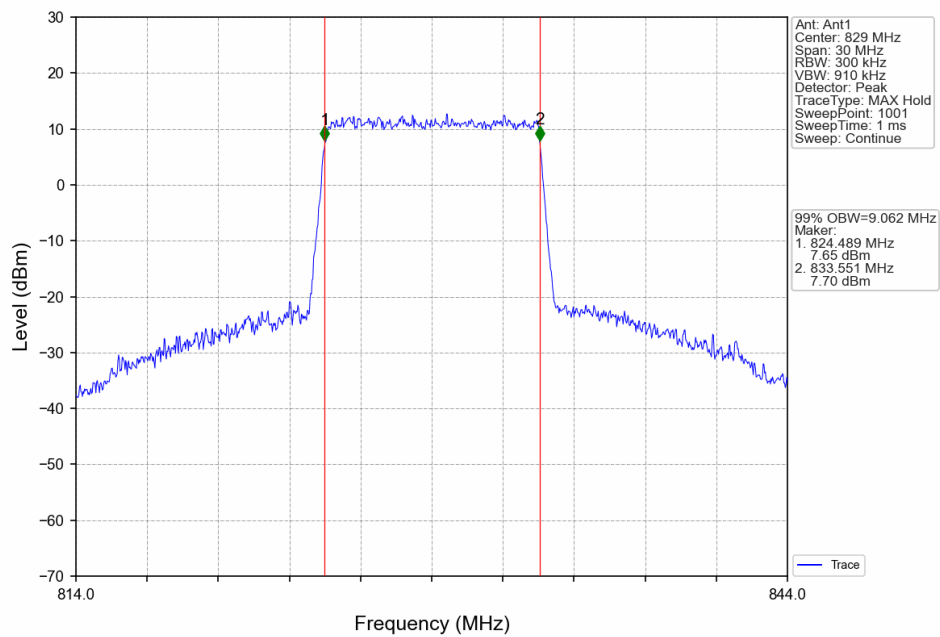
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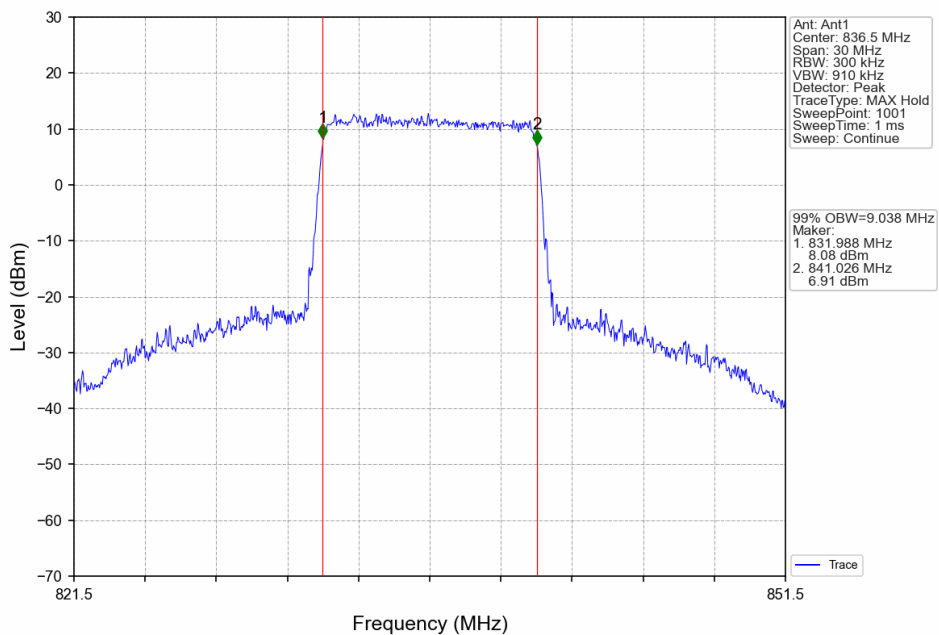
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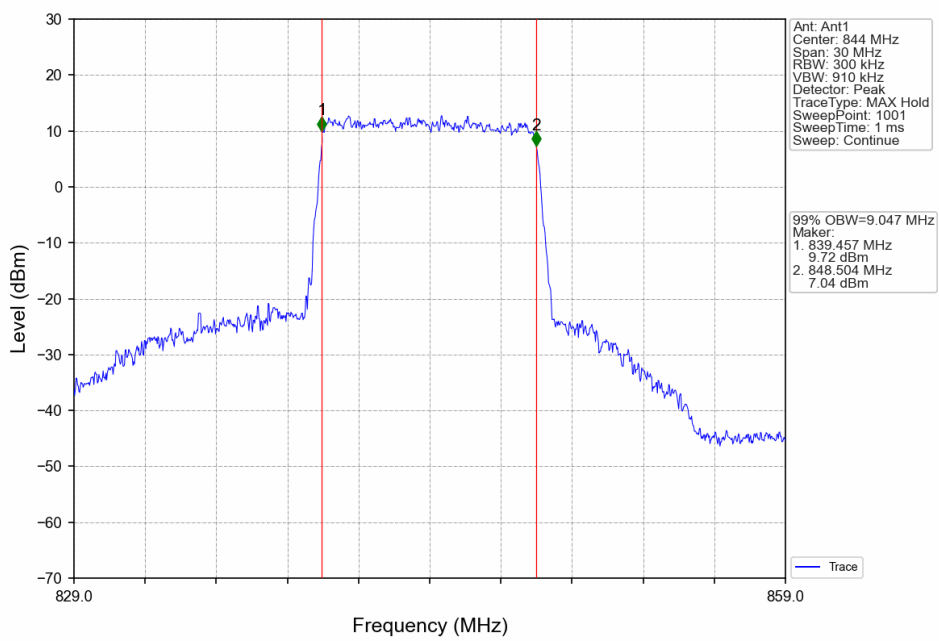
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

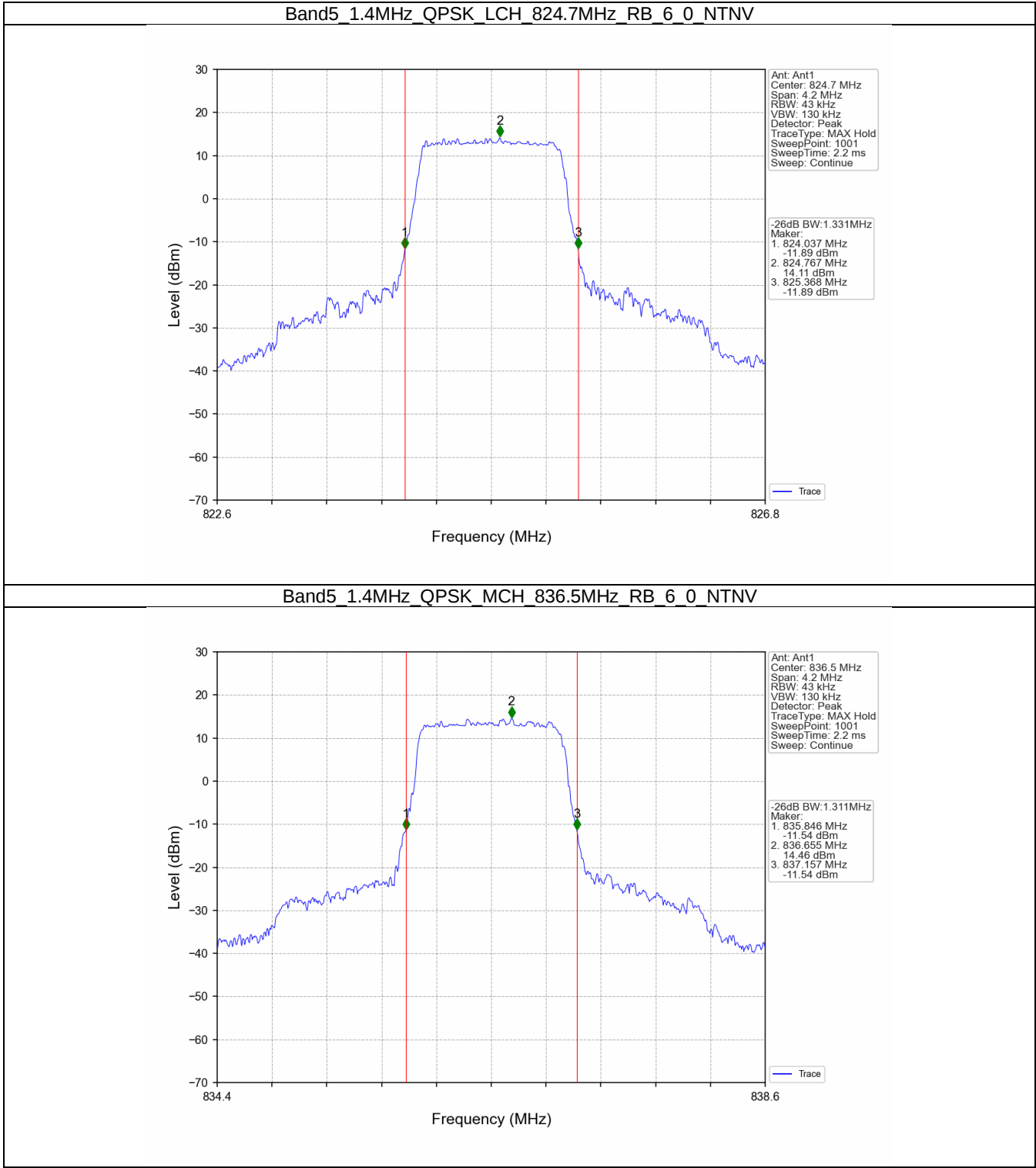


6.2 Band5_XDB

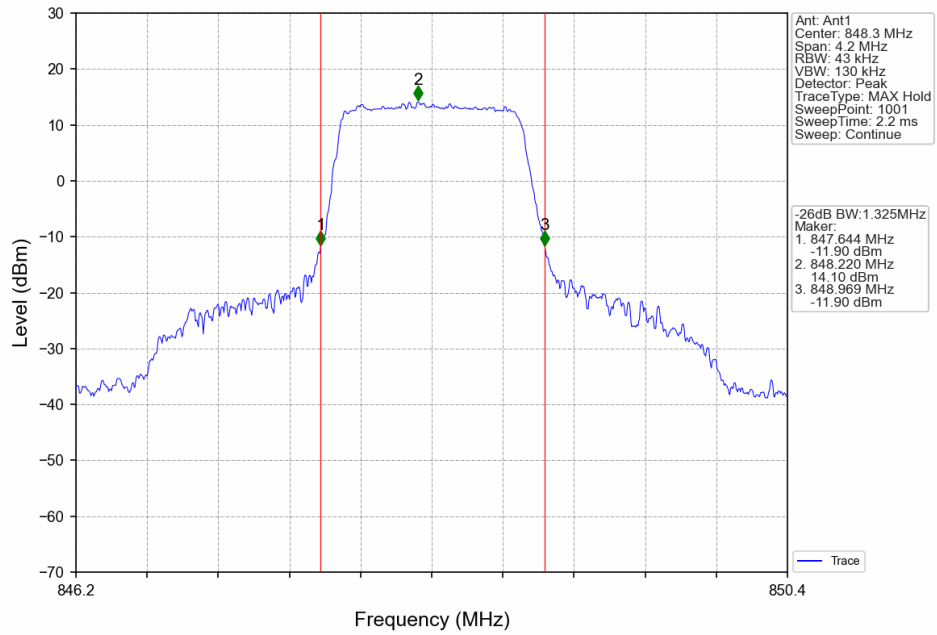
6.2.1 Test Result

Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.331	Pass
		836.5	6	0	1.311	Pass
		848.3	6	0	1.325	Pass
	16QAM	824.7	6	0	1.297	Pass
		836.5	6	0	1.326	Pass
		848.3	6	0	1.345	Pass
3	QPSK	825.5	15	0	2.988	Pass
		836.5	15	0	2.992	Pass
		847.5	15	0	3.009	Pass
	16QAM	825.5	15	0	2.983	Pass
		836.5	15	0	3.001	Pass
		847.5	15	0	3.001	Pass
5	QPSK	826.5	25	0	5.001	Pass
		836.5	25	0	5.008	Pass
		846.5	25	0	5.000	Pass
	16QAM	826.5	25	0	5.002	Pass
		836.5	25	0	5.015	Pass
		846.5	25	0	5.028	Pass
10	QPSK	829	50	0	9.968	Pass
		836.5	50	0	9.941	Pass
		844	50	0	9.933	Pass
	16QAM	829	50	0	9.963	Pass
		836.5	50	0	9.892	Pass
		844	50	0	9.908	Pass

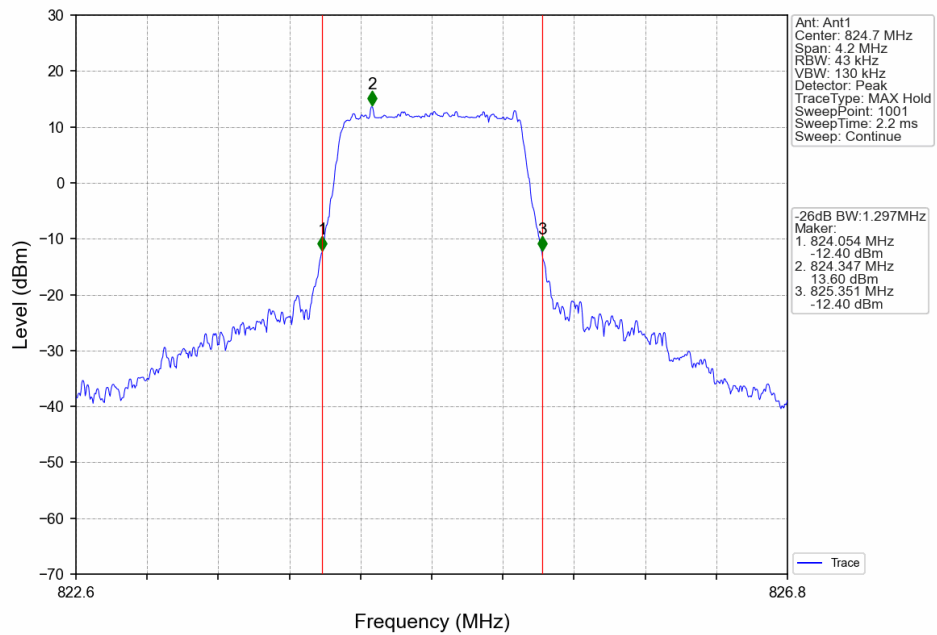
6.2.2 Test Graph



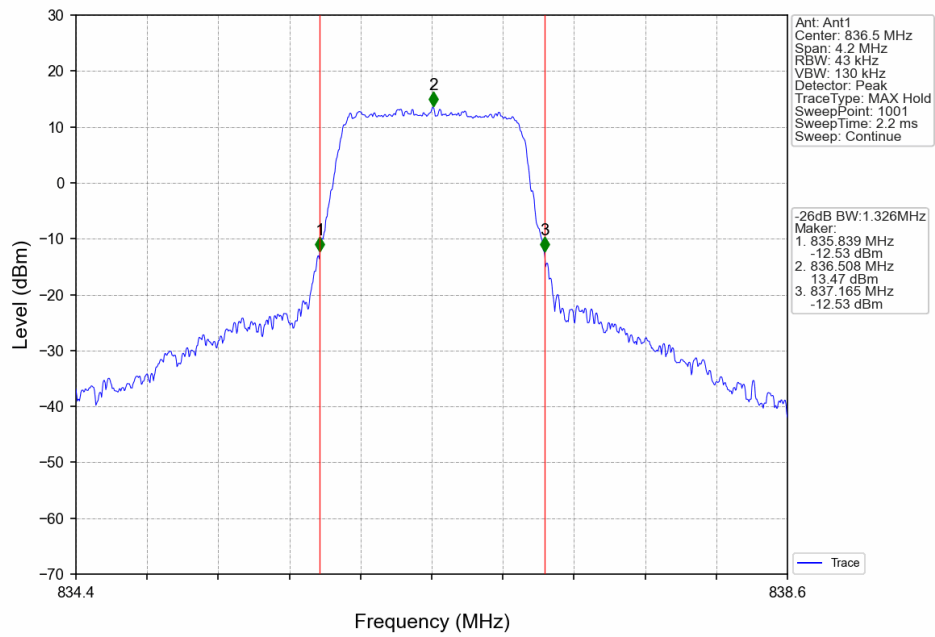
Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTNV



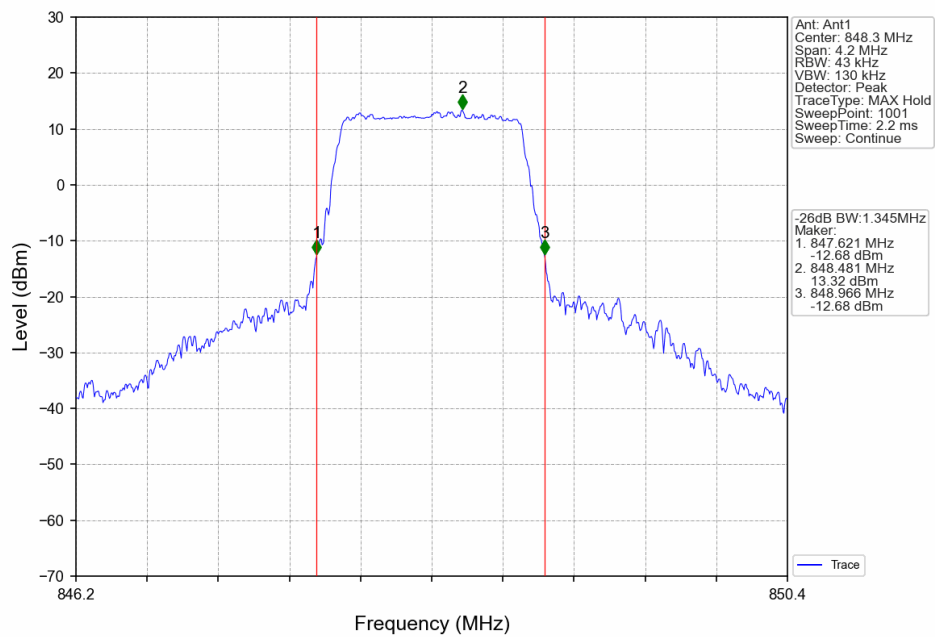
Band5 1.4MHz 16QAM LCH 824.7MHz RB 6 0 NTNV



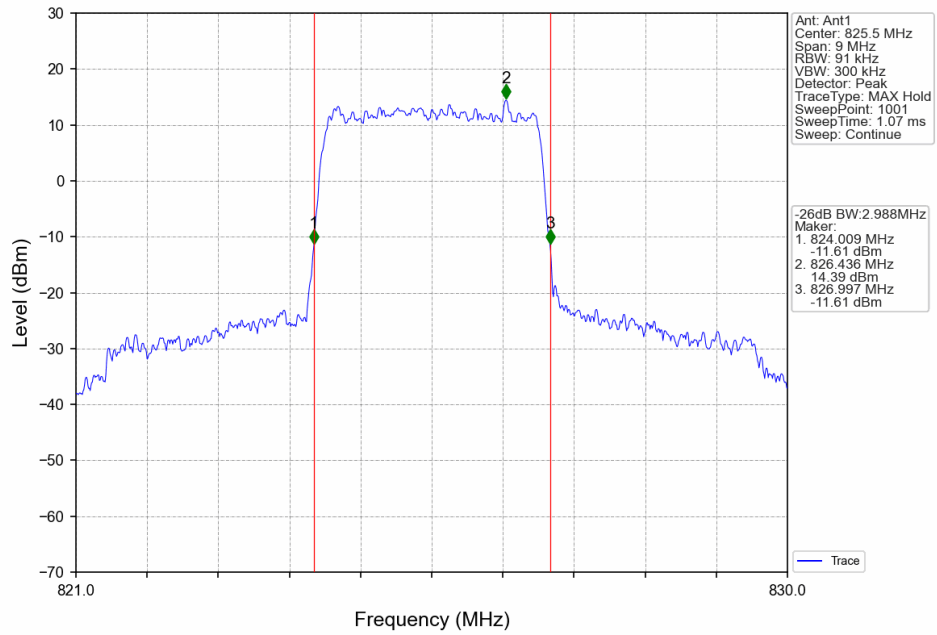
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



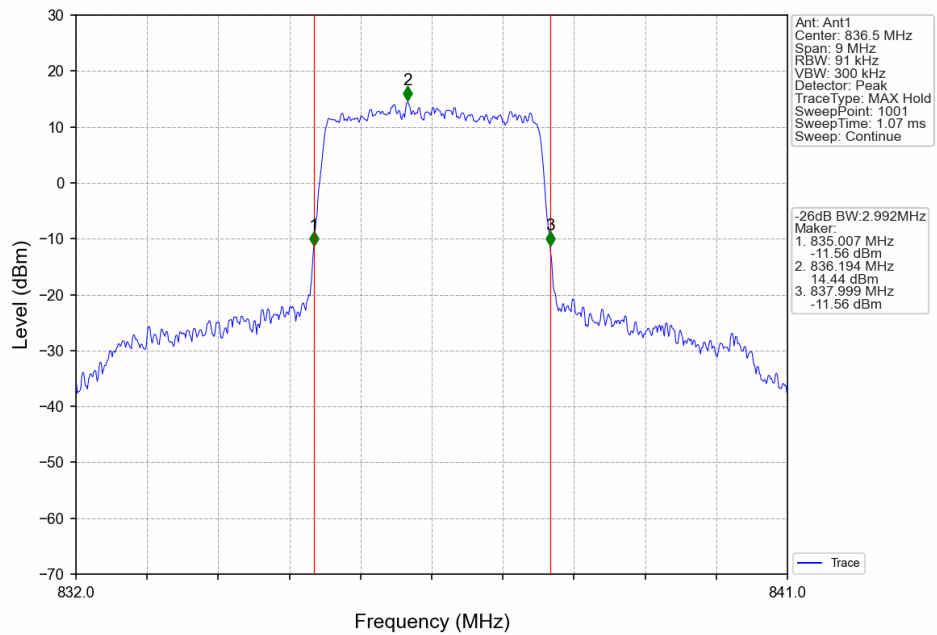
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



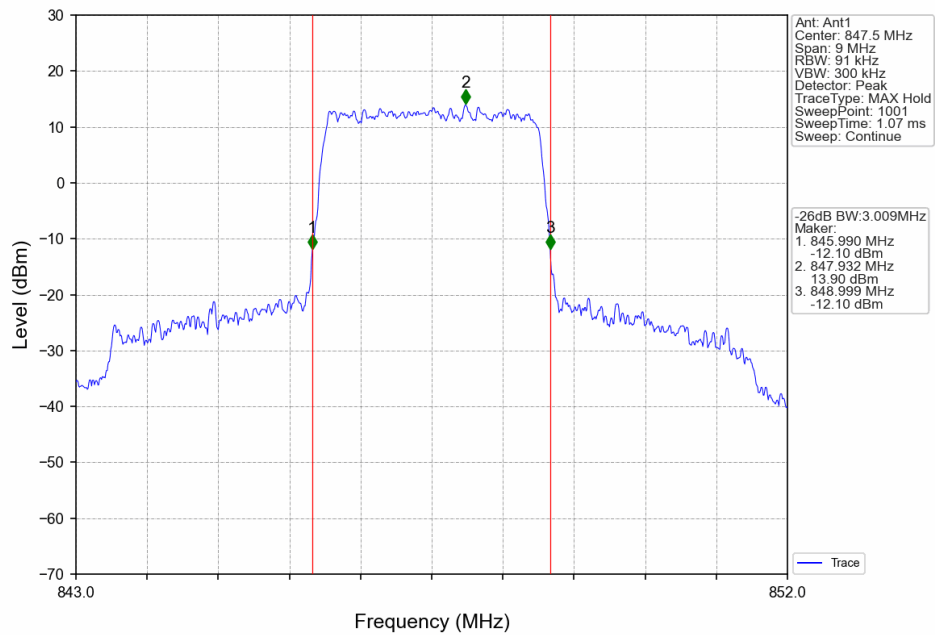
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



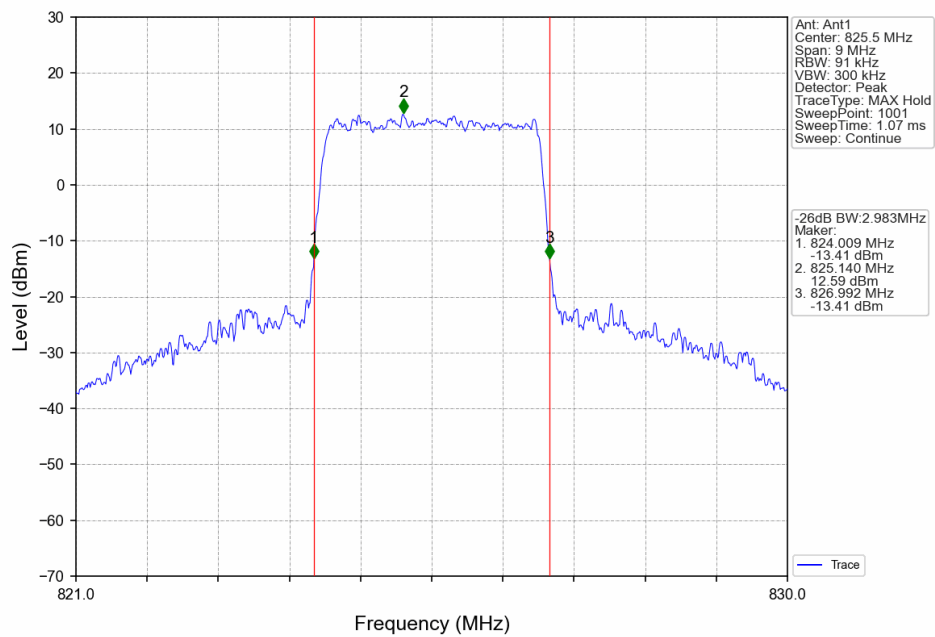
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



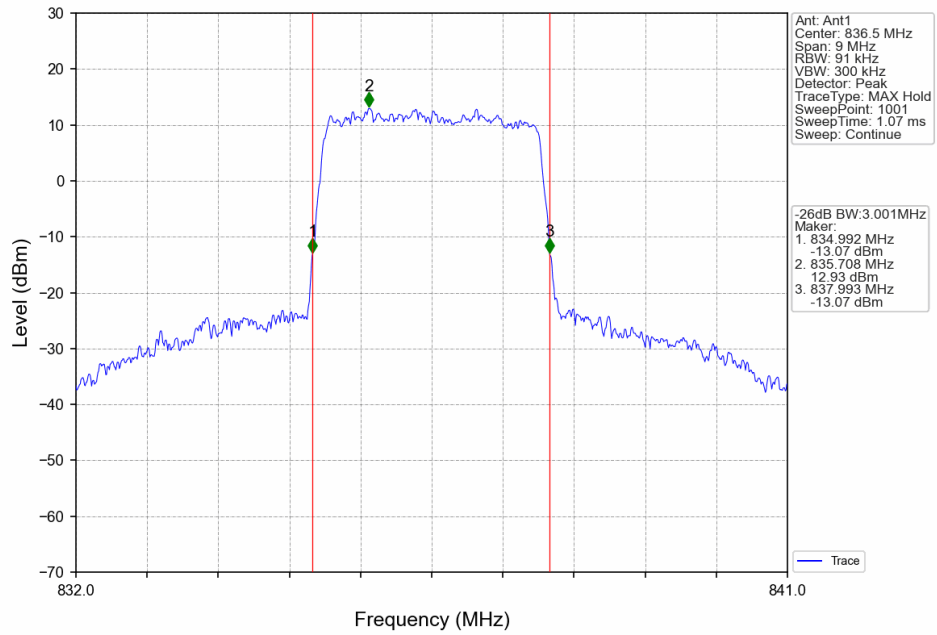
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



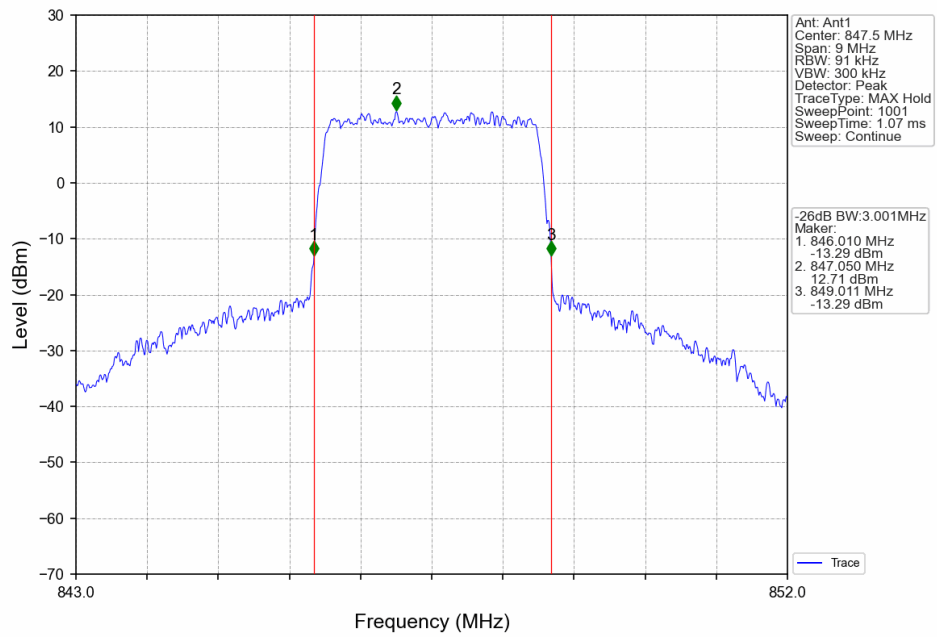
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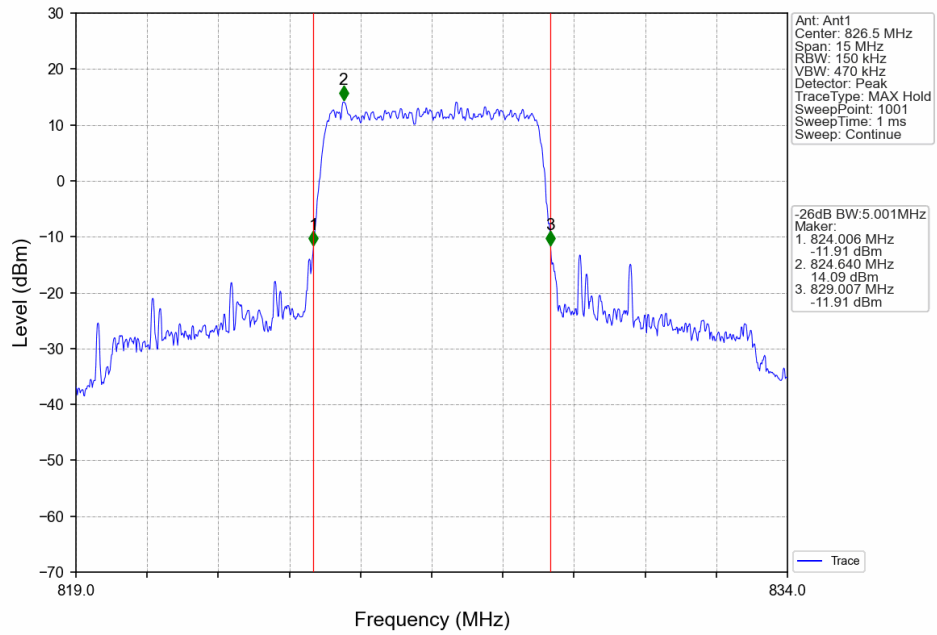
Band5 3MHz 16QAM MCH 836.5MHz RB 15 0 NTNV



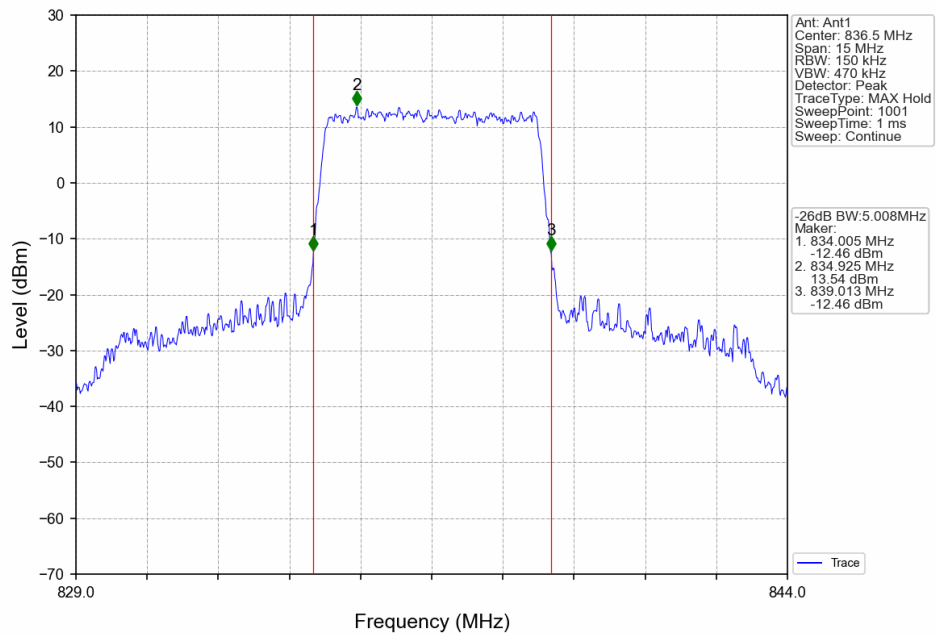
Band5 3MHz 16QAM HCH 847.5MHz RB 15 0 NTNV



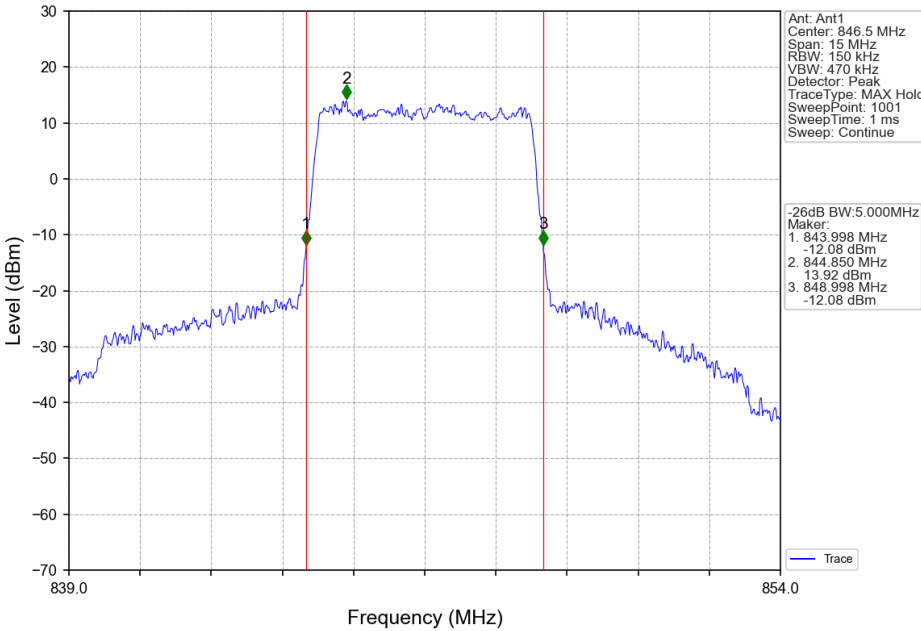
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



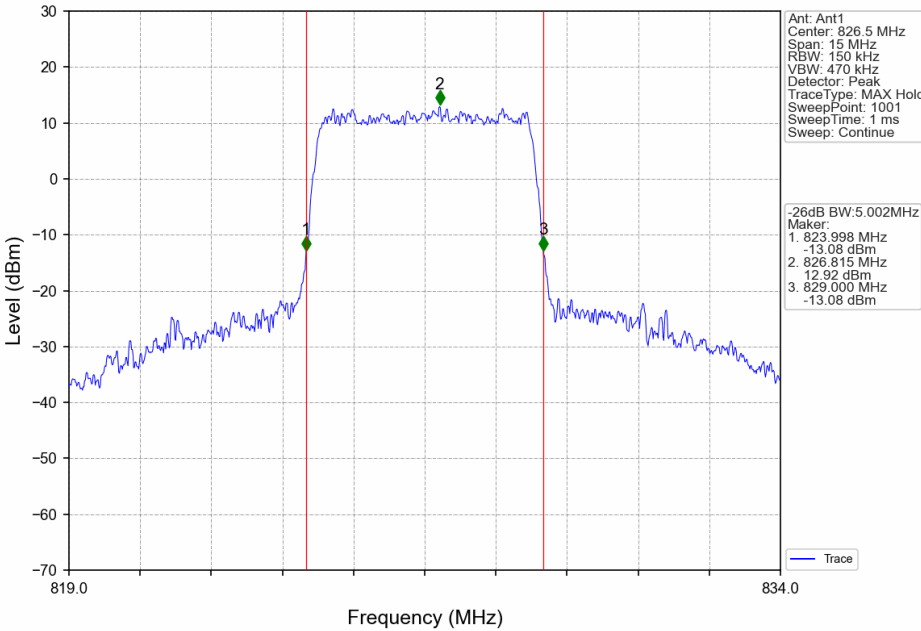
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



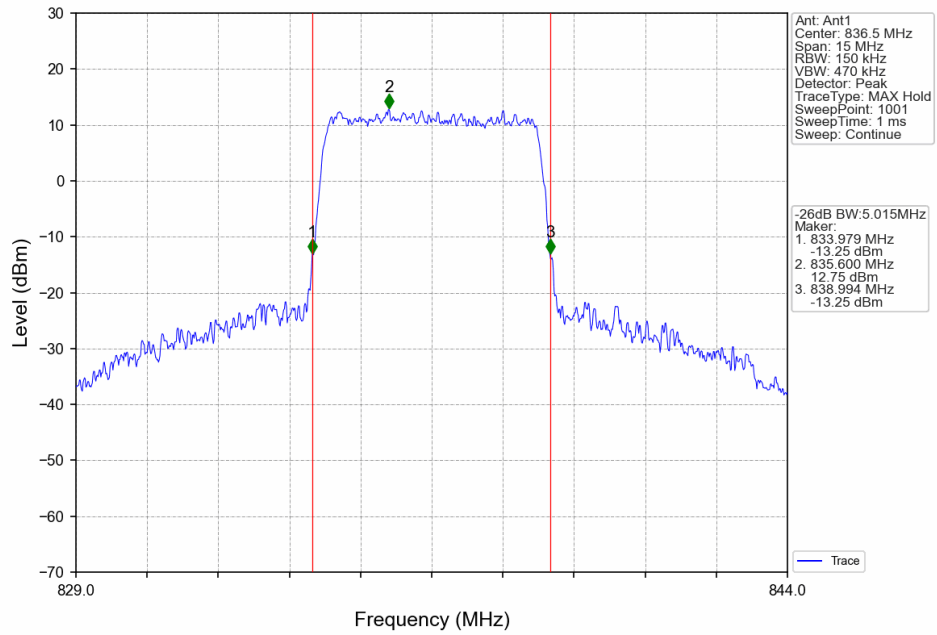
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



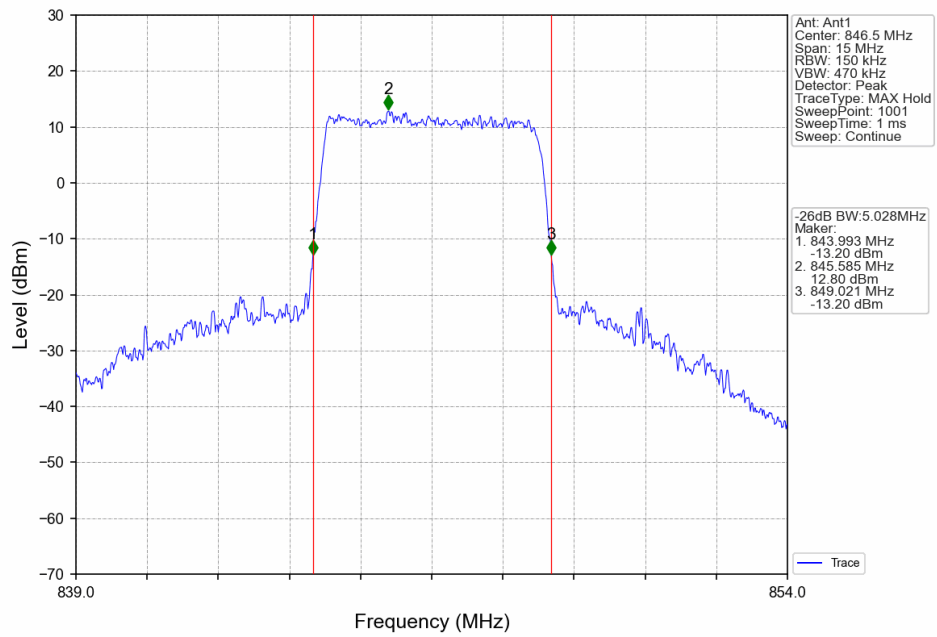
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



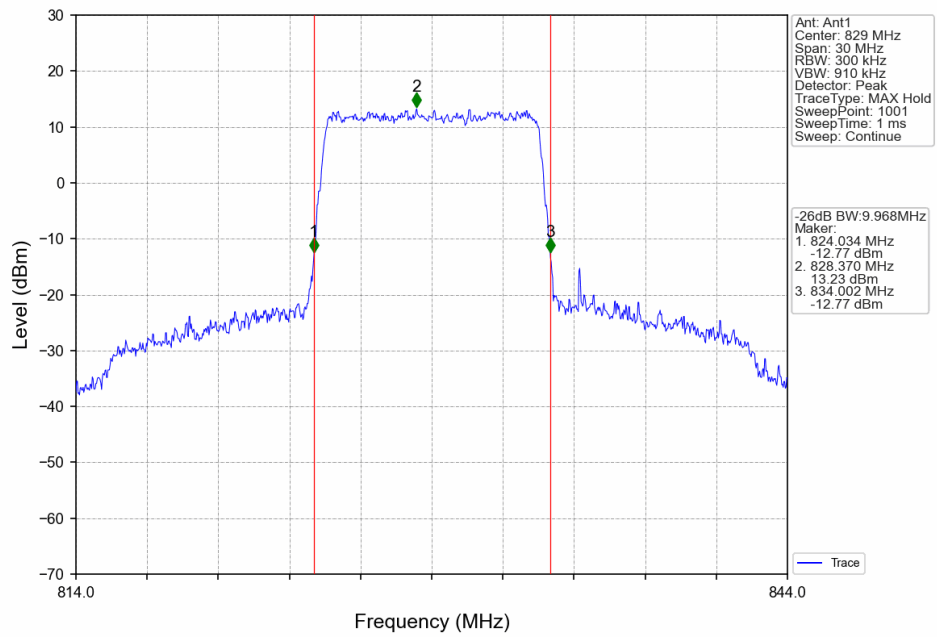
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTNV



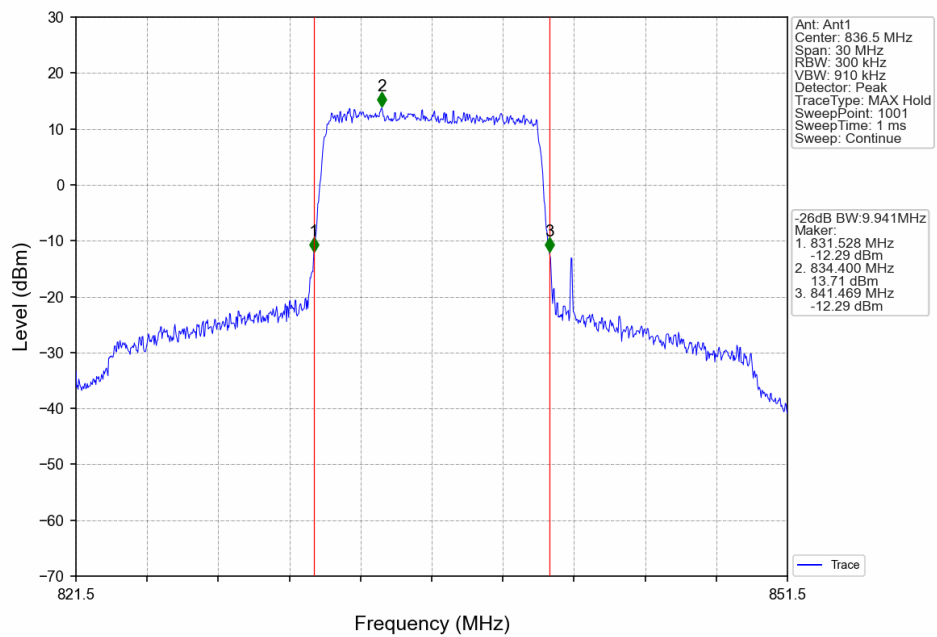
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



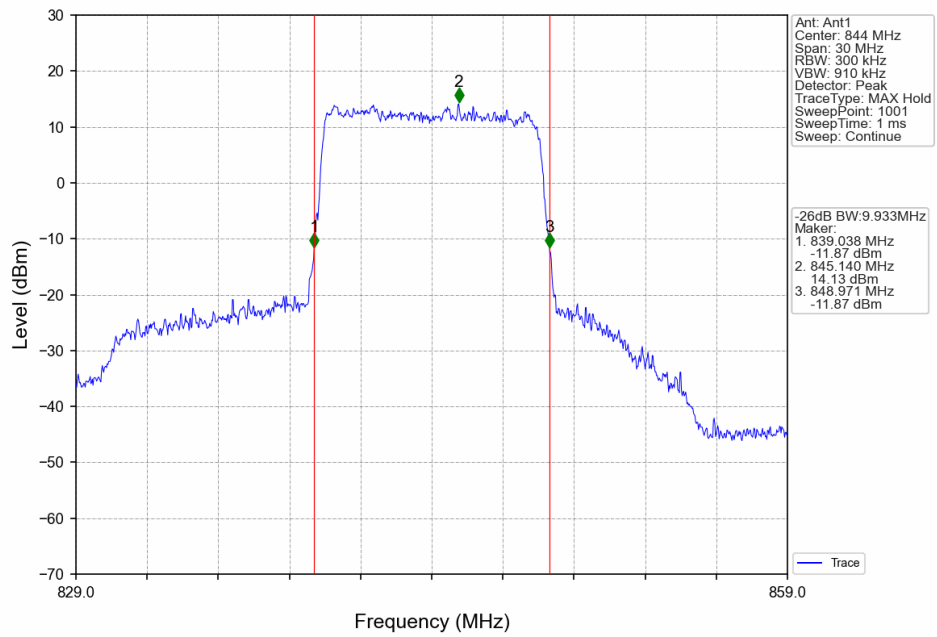
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



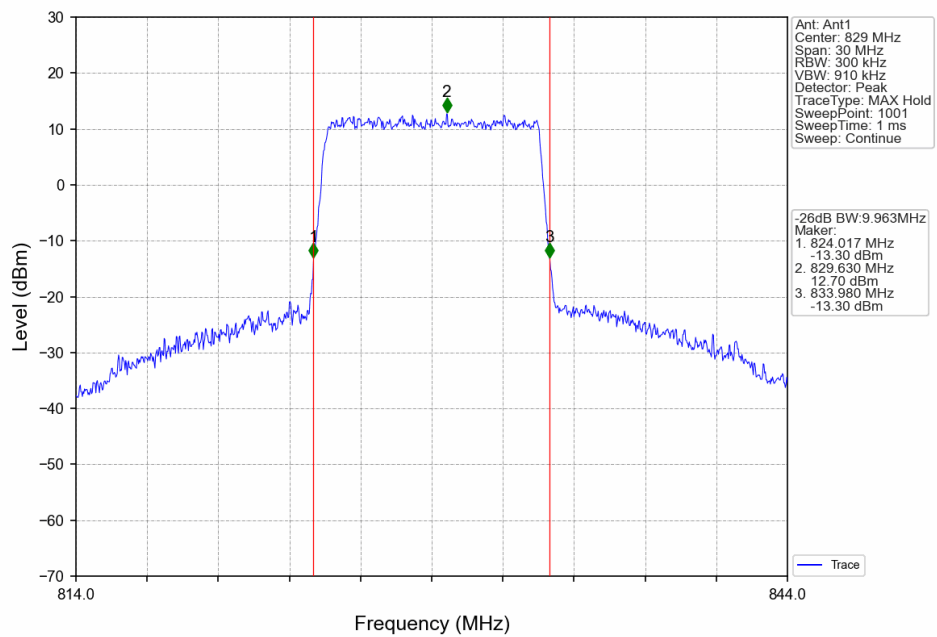
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



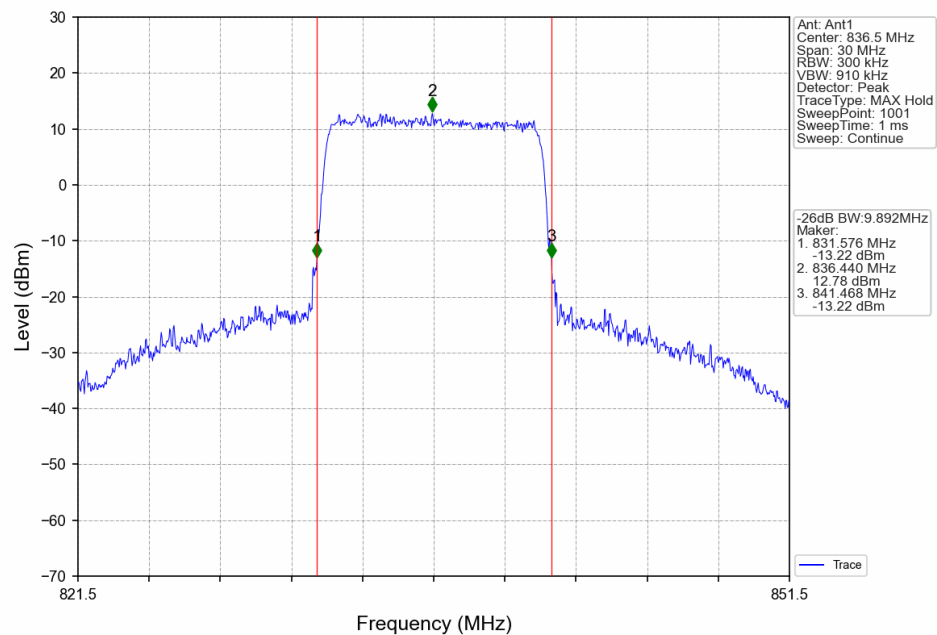
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

