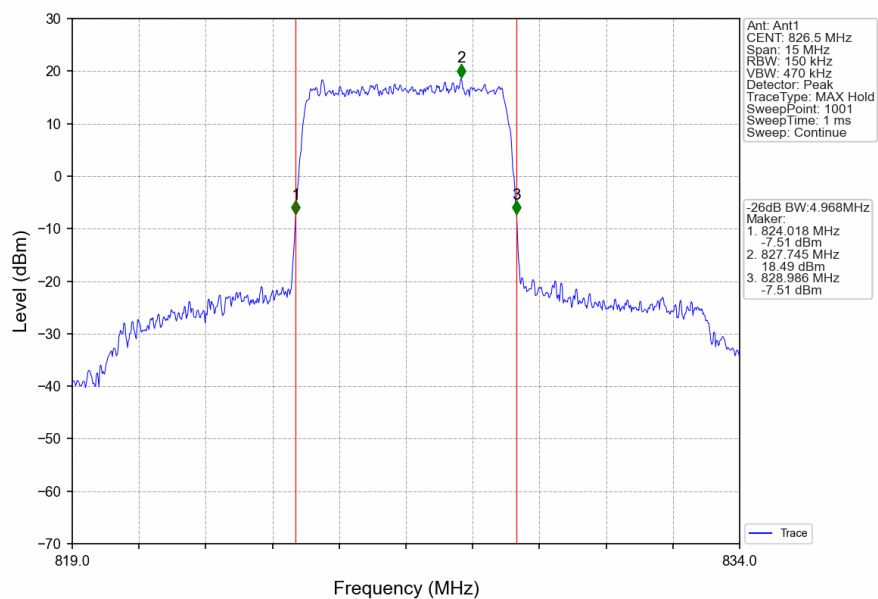
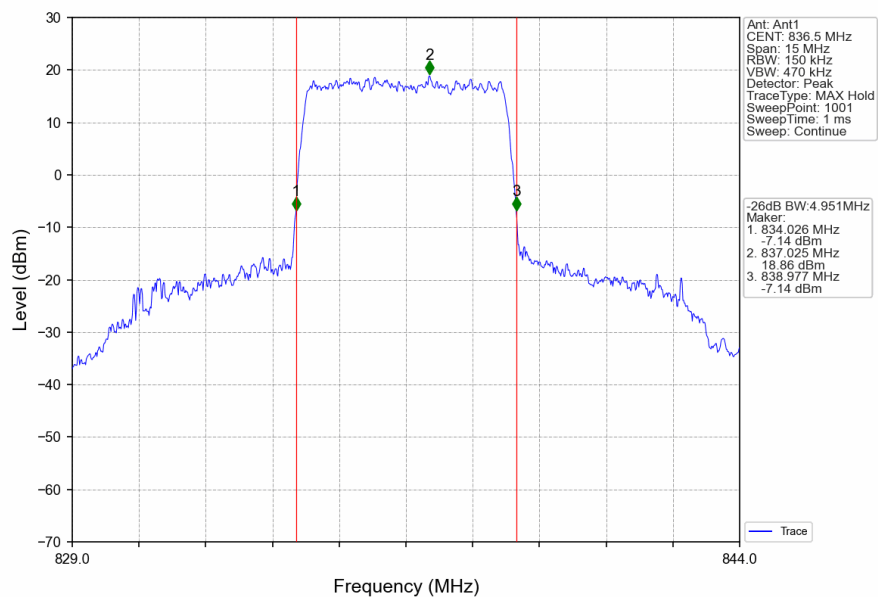


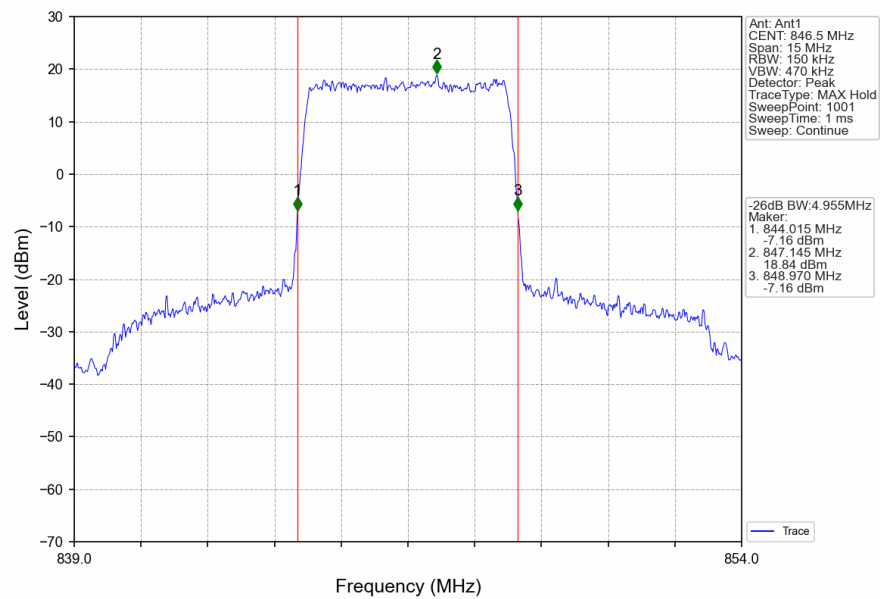
Band5 5MHz QPSK LCH 826.5MHz RB 25 0 NTN



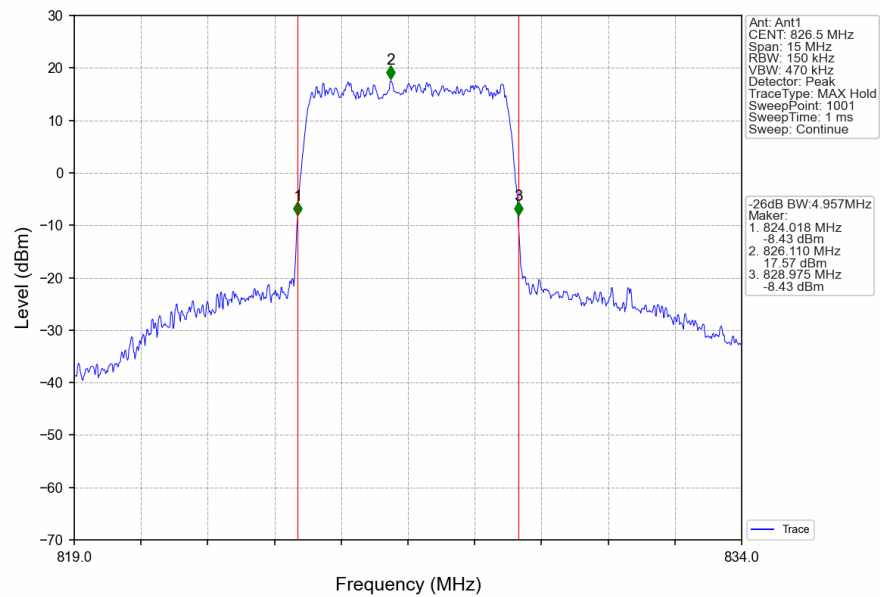
Band5 5MHz QPSK MCH 836.5MHz RB 25 0 NTN



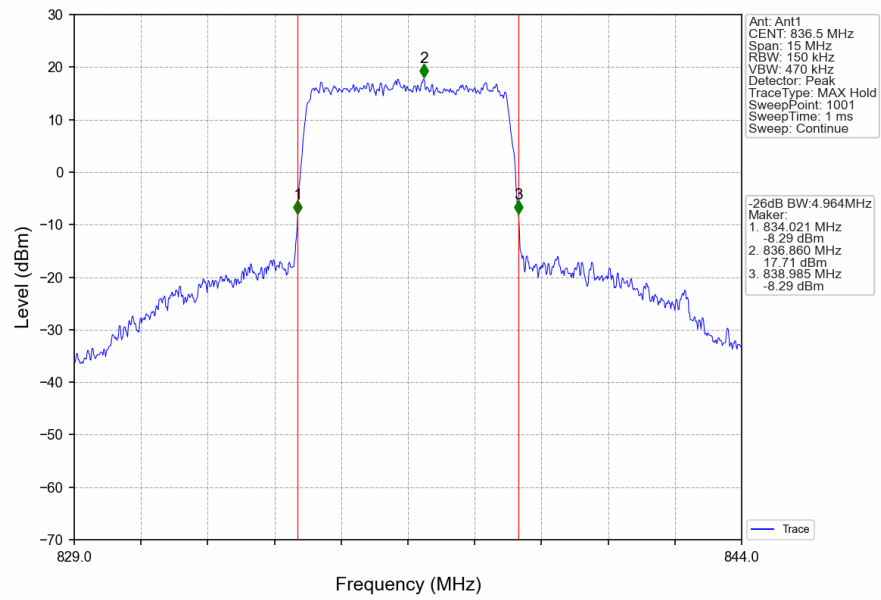
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTNV



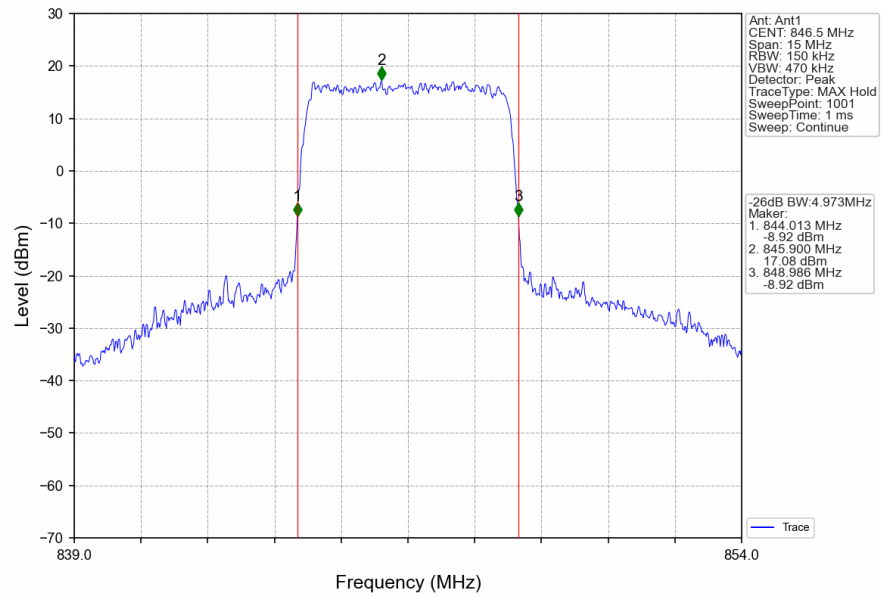
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV



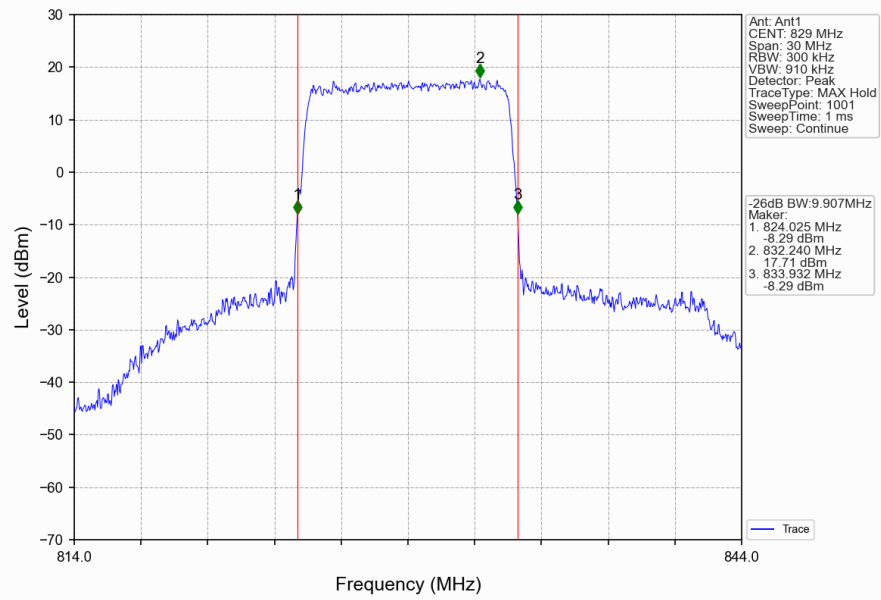
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTV



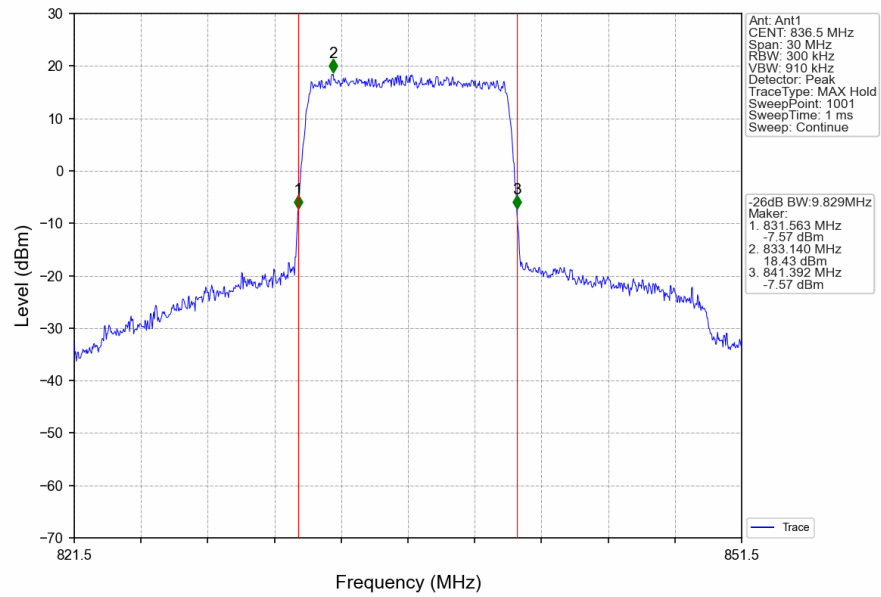
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTV



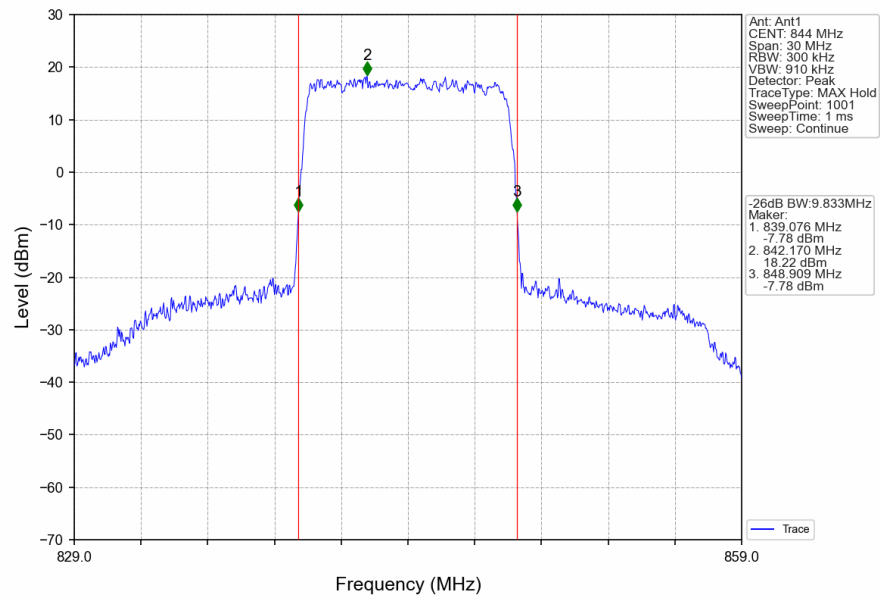
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



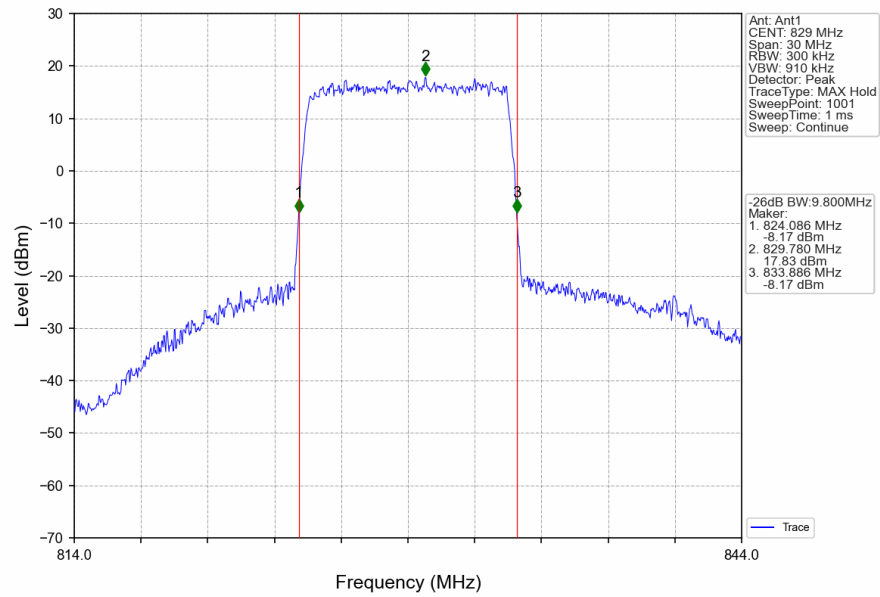
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



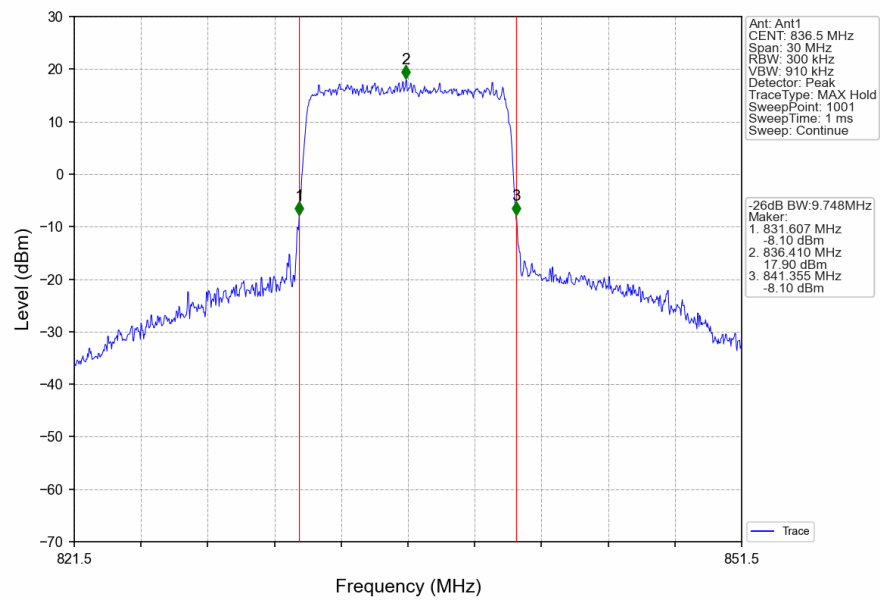
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



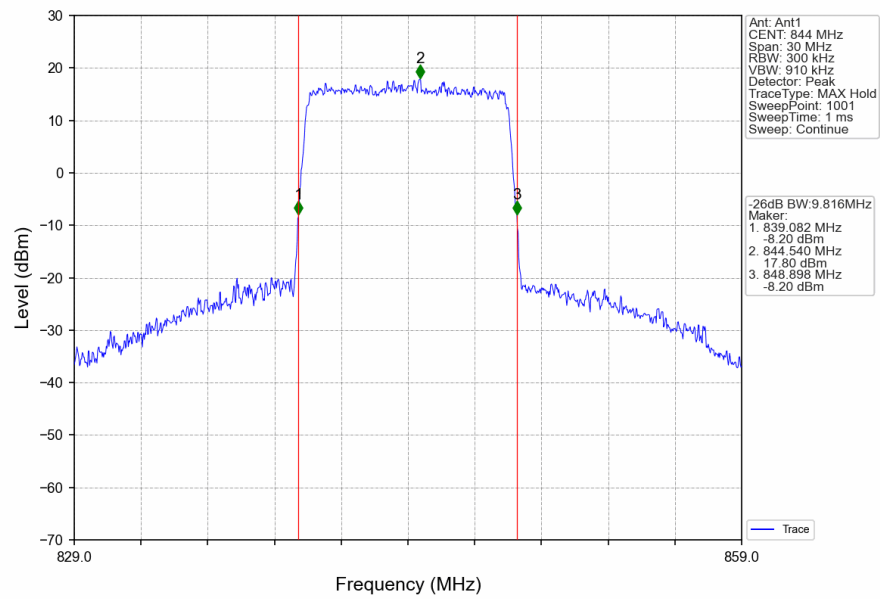
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 50 0 NTNV



Band5 10MHz 16QAM HCH 844MHz RB 50 0 NTNV



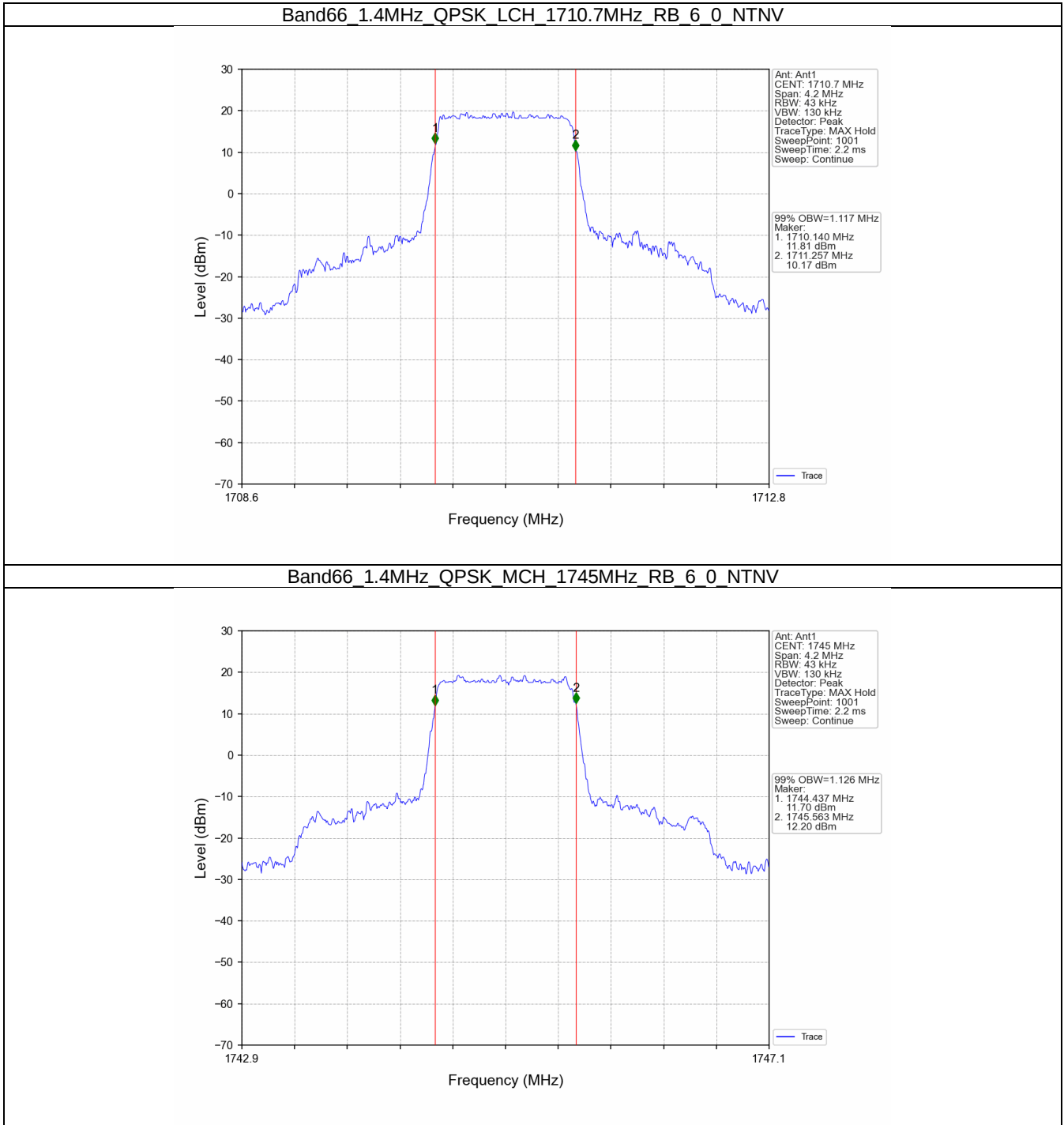
6. 99% & 26dB Bandwidth

6.1 Band66_OBW

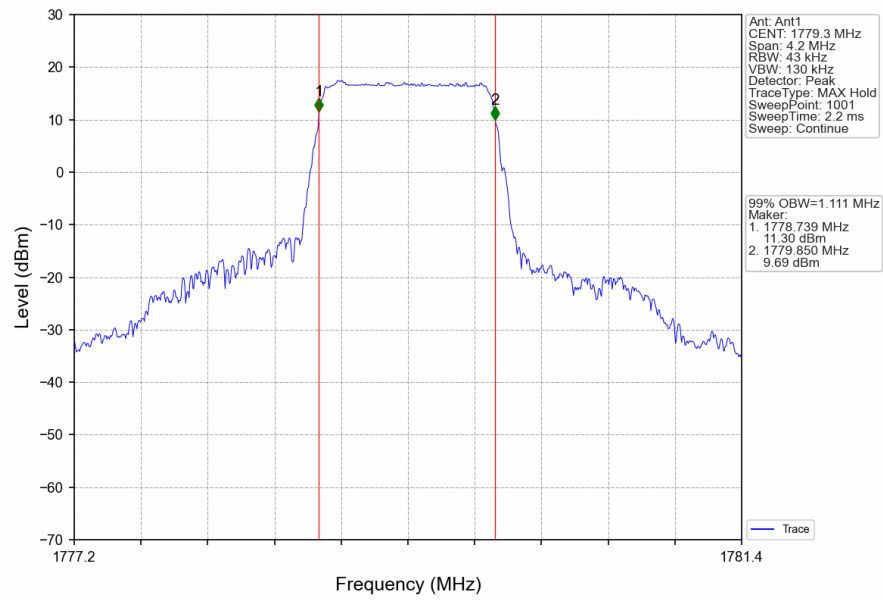
6.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.117	Pass
		1745	6	0	1.126	Pass
		1779.3	6	0	1.111	Pass
	16QAM	1710.7	6	0	1.111	Pass
		1745	6	0	1.126	Pass
		1779.3	6	0	1.128	Pass
3	QPSK	1711.5	15	0	2.743	Pass
		1745	15	0	2.748	Pass
		1778.5	15	0	2.743	Pass
	16QAM	1711.5	15	0	2.754	Pass
		1745	15	0	2.748	Pass
		1778.5	15	0	2.737	Pass
5	QPSK	1712.5	25	0	4.555	Pass
		1745	25	0	4.555	Pass
		1777.5	25	0	4.532	Pass
	16QAM	1712.5	25	0	4.545	Pass
		1745	25	0	4.580	Pass
		1777.5	25	0	4.551	Pass
10	QPSK	1715	50	0	9.014	Pass
		1745	50	0	9.031	Pass
		1775	50	0	9.023	Pass
	16QAM	1715	50	0	8.996	Pass
		1745	50	0	9.038	Pass
		1775	50	0	8.994	Pass
15	QPSK	1717.5	75	0	13.584	Pass
		1745	75	0	13.587	Pass
		1772.5	75	0	13.533	Pass
	16QAM	1717.5	75	0	13.504	Pass
		1745	75	0	13.599	Pass
		1772.5	75	0	13.509	Pass
20	QPSK	1720	100	0	18.131	Pass
		1745	100	0	18.076	Pass
		1770	100	0	18.051	Pass
	16QAM	1720	100	0	18.110	Pass
		1745	100	0	18.123	Pass
		1770	100	0	18.023	Pass

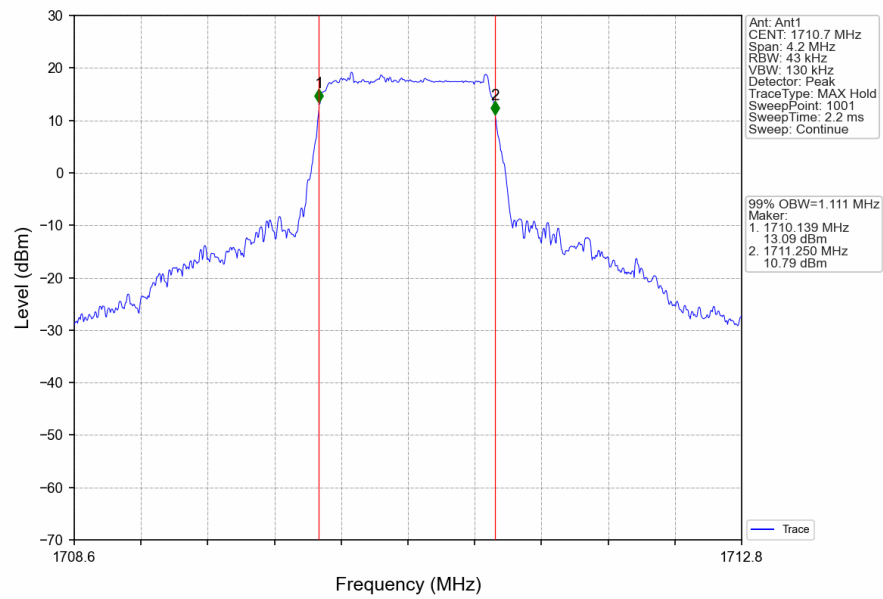
6.1.2 Test Graph



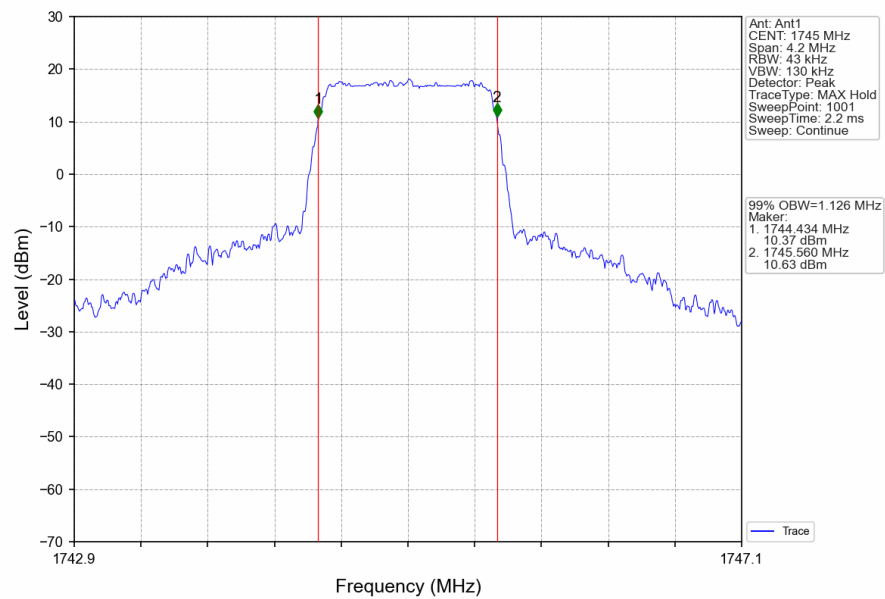
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



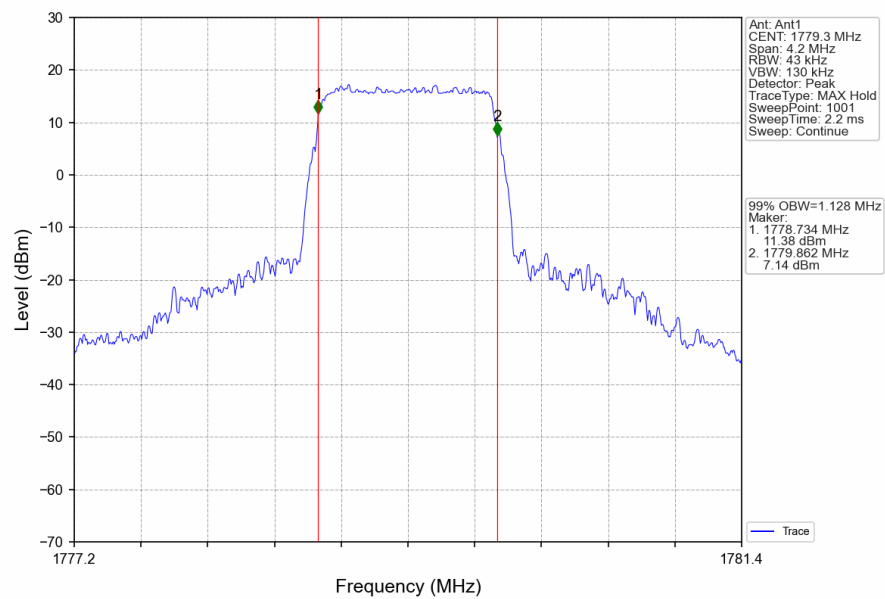
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



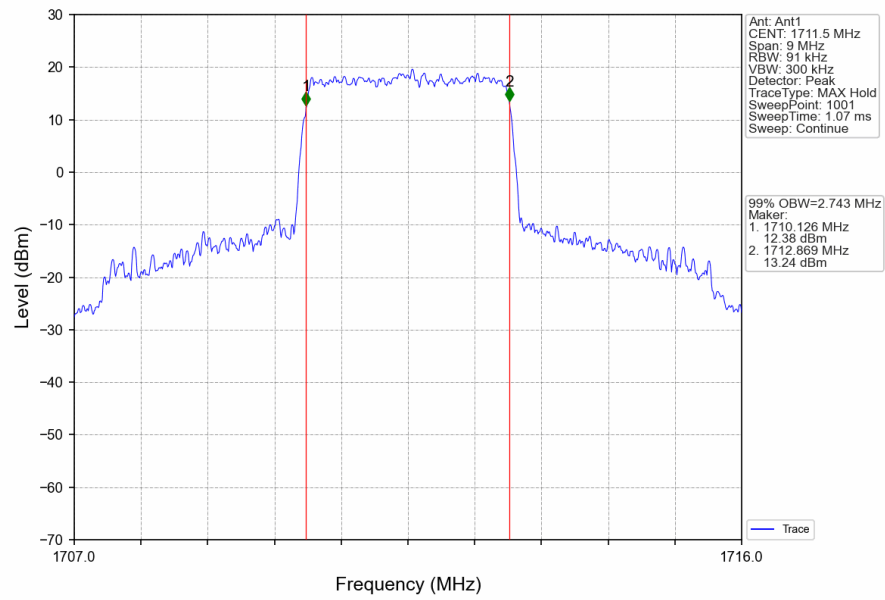
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



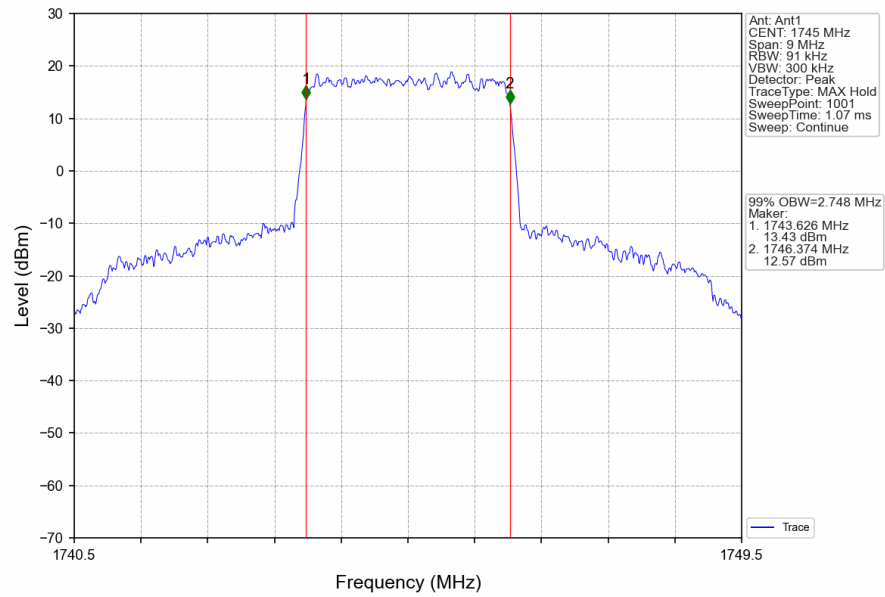
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



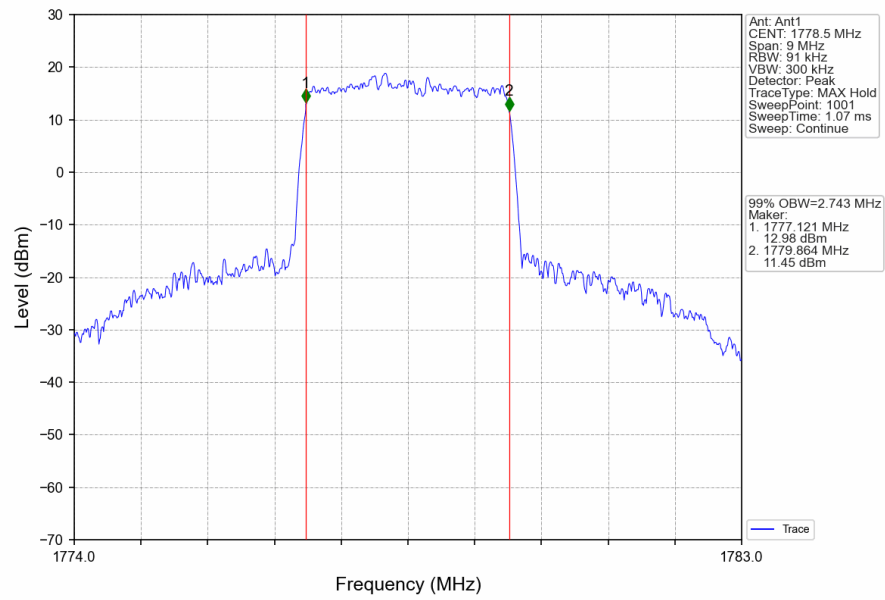
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV



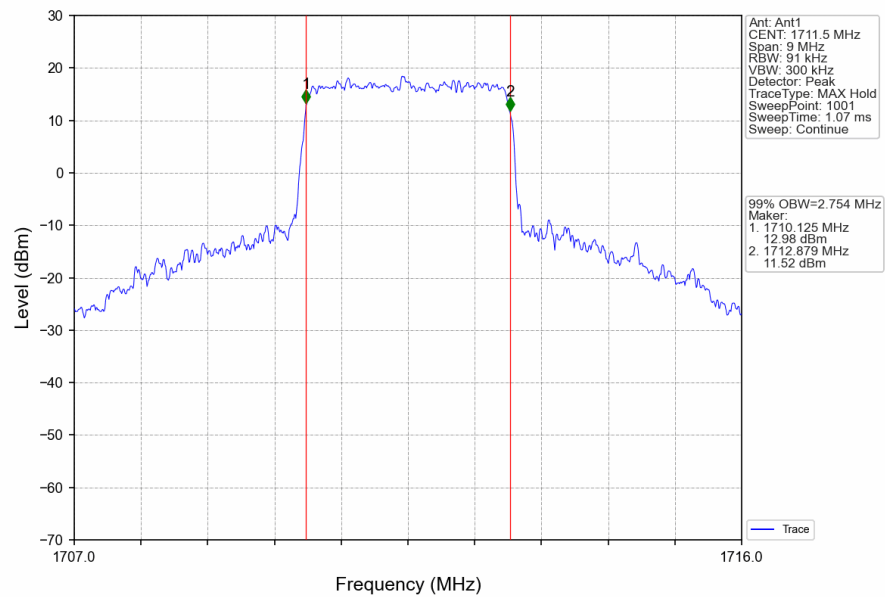
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



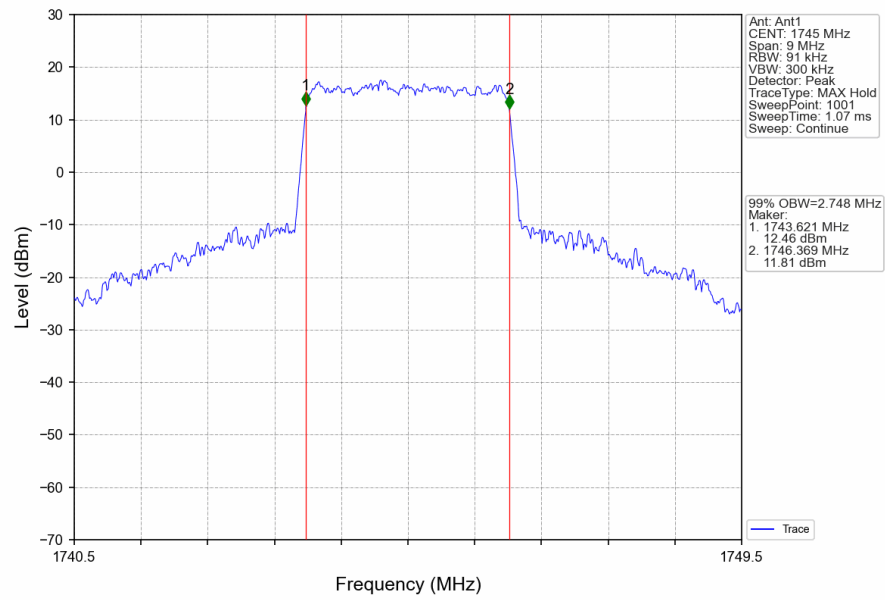
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



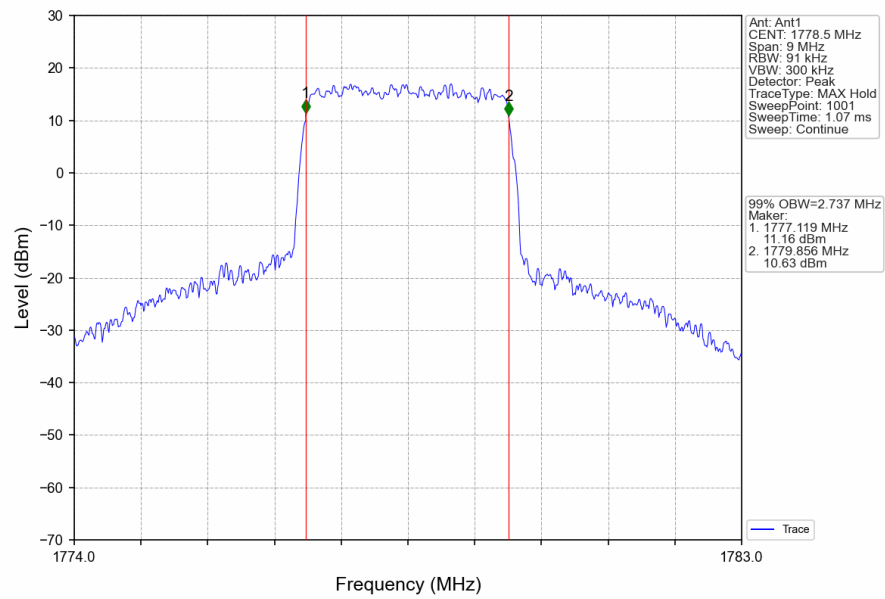
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



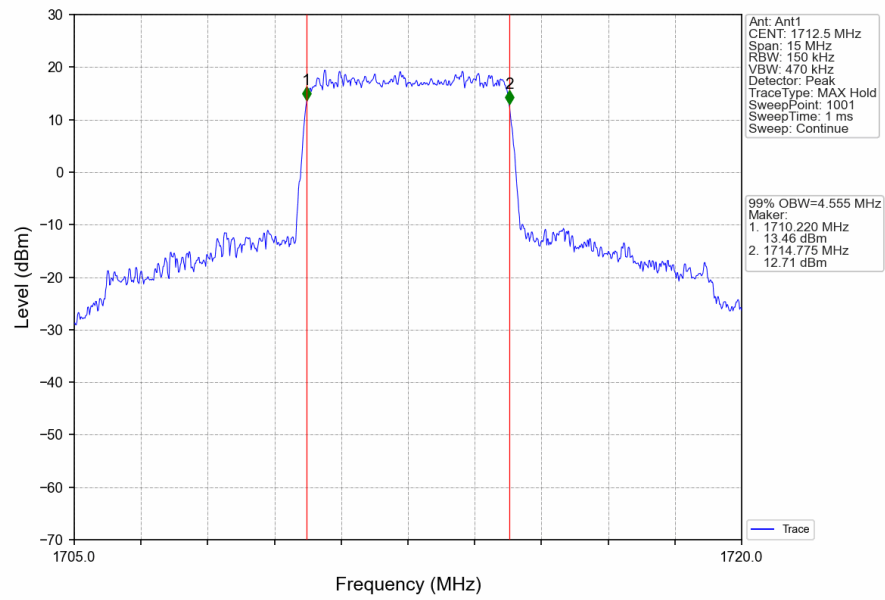
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



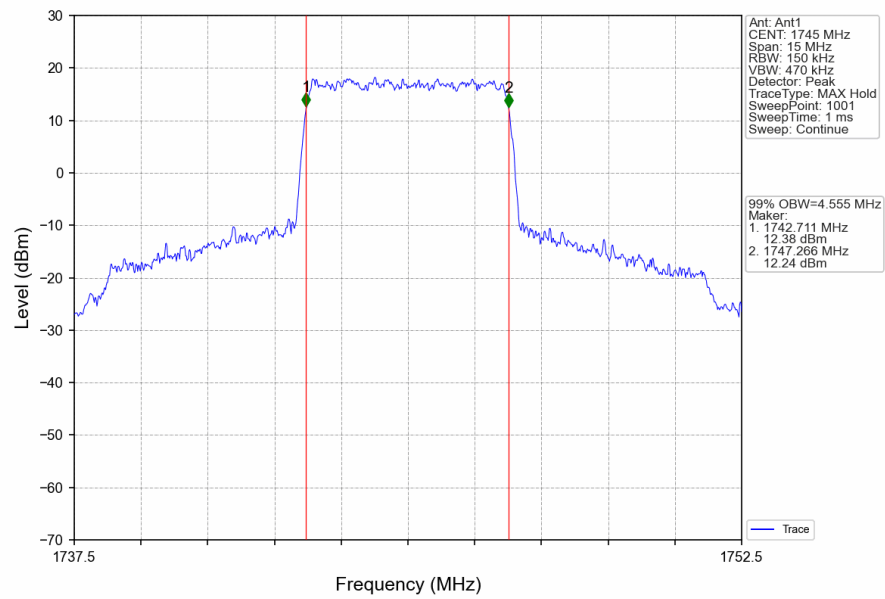
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



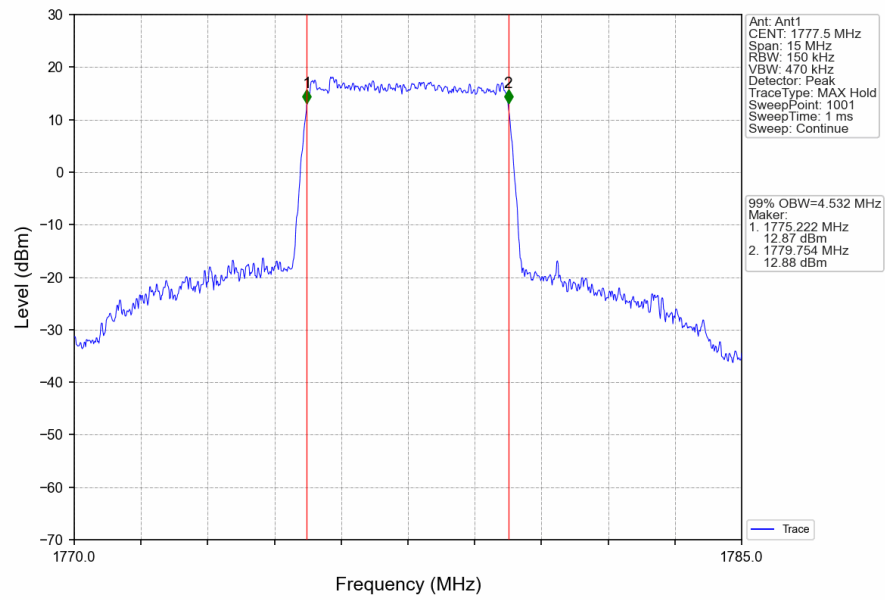
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



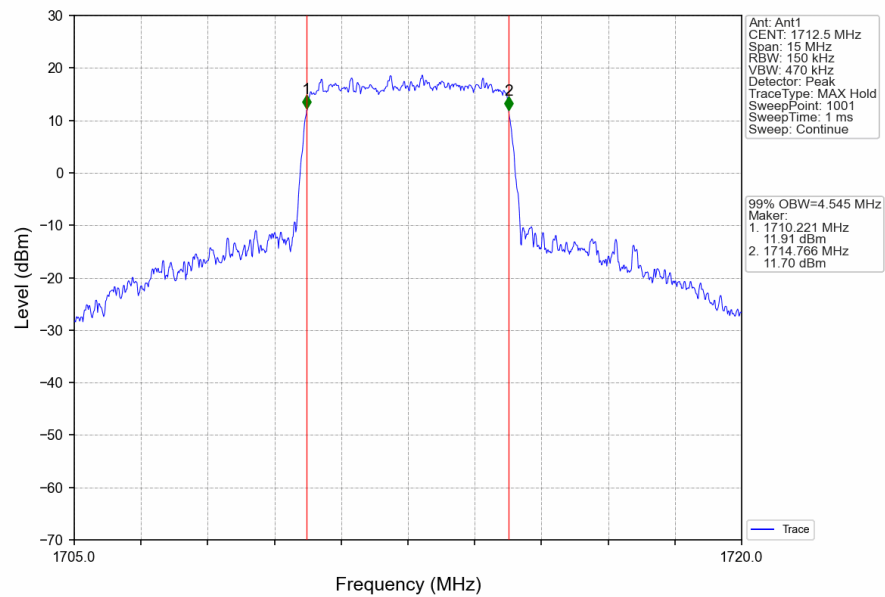
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



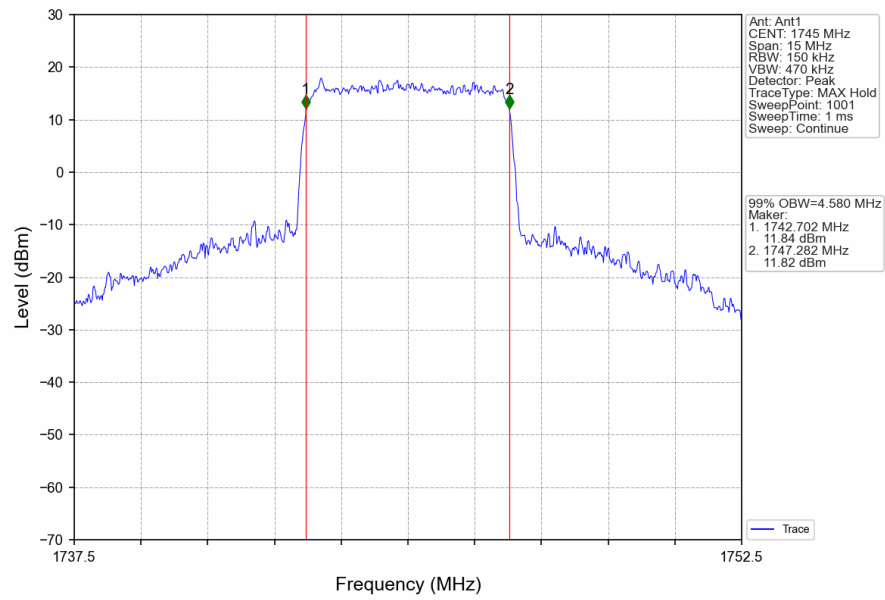
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



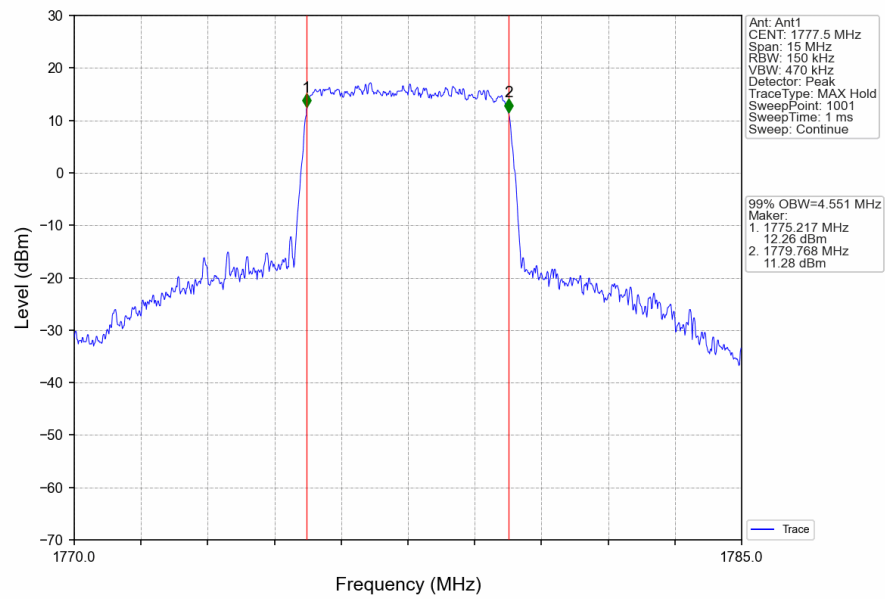
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



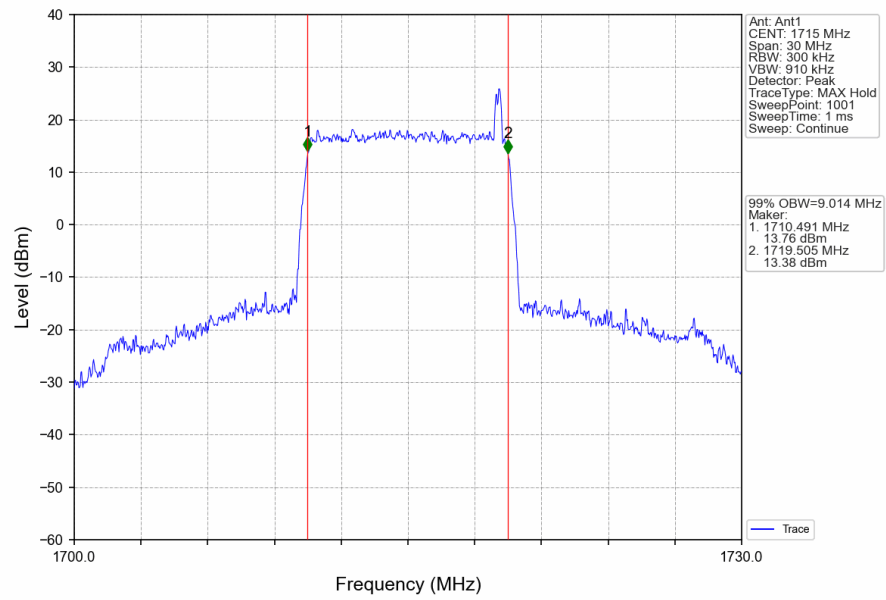
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



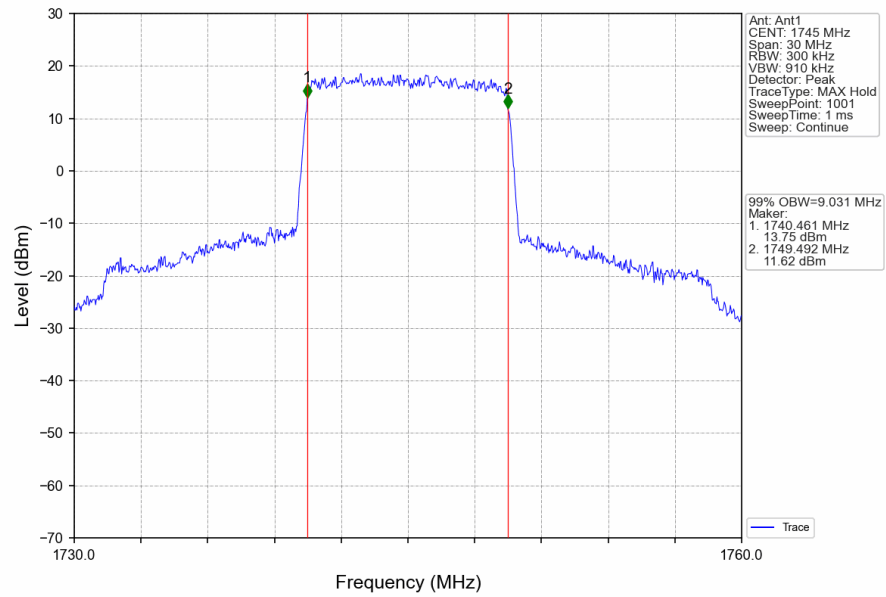
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



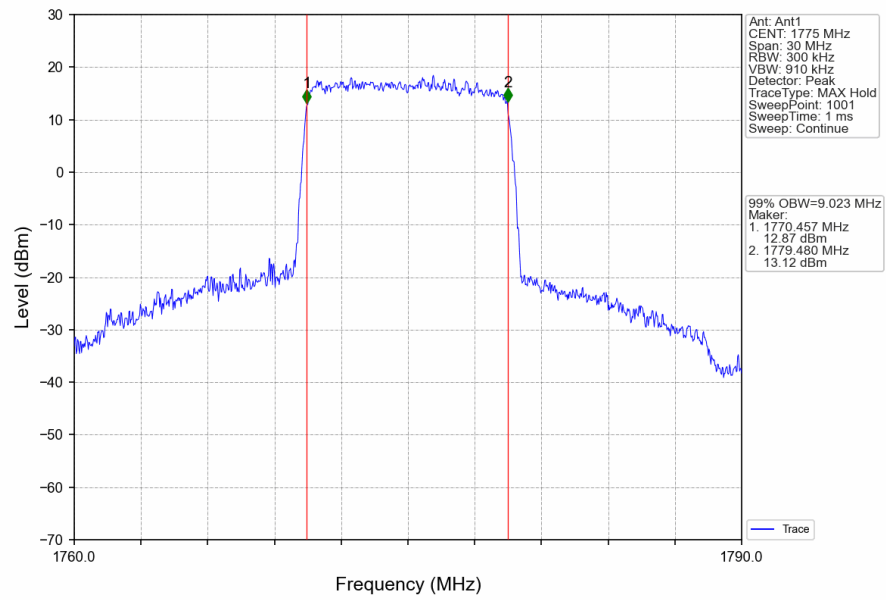
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



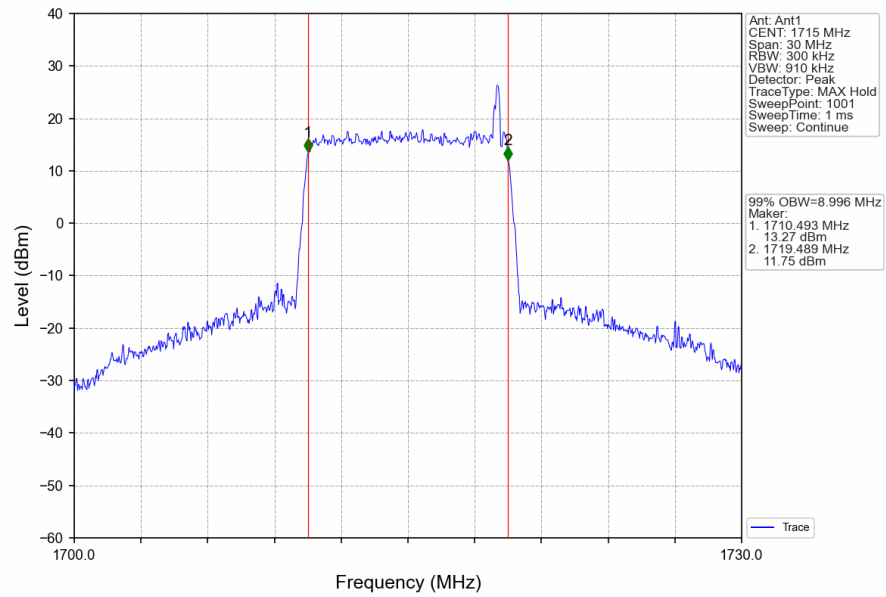
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



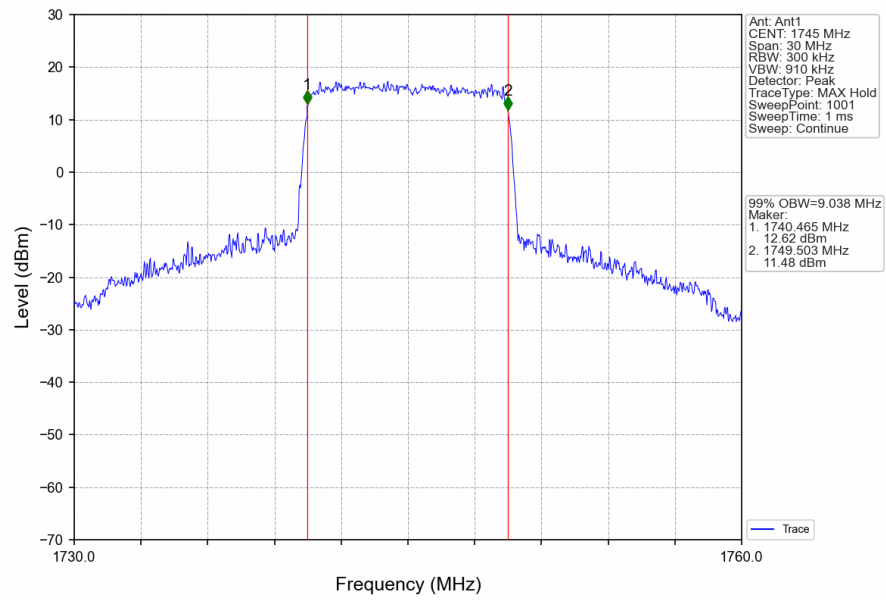
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



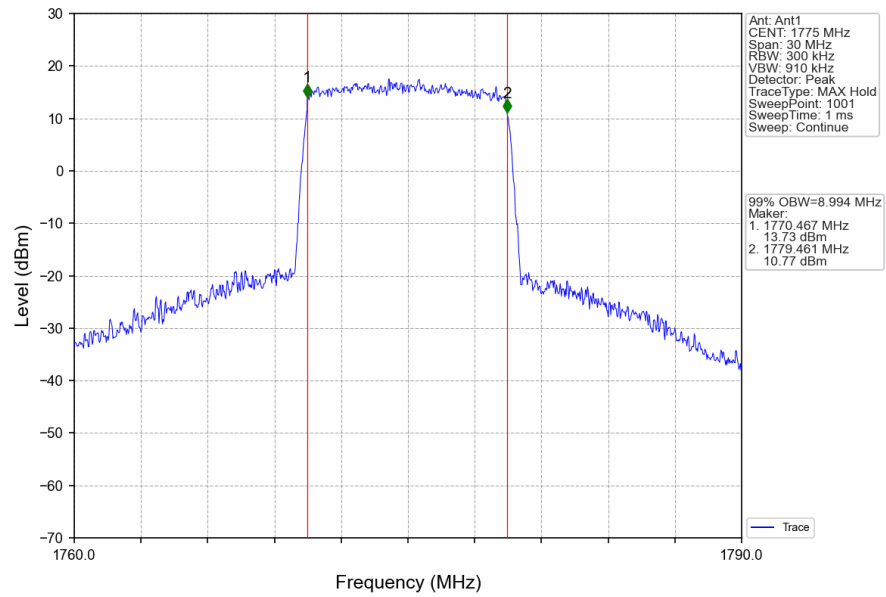
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



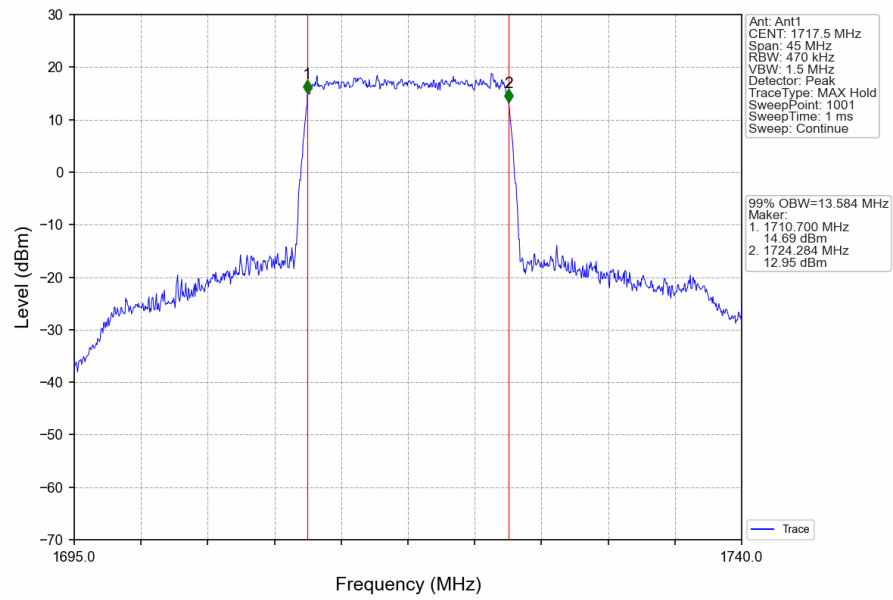
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTN



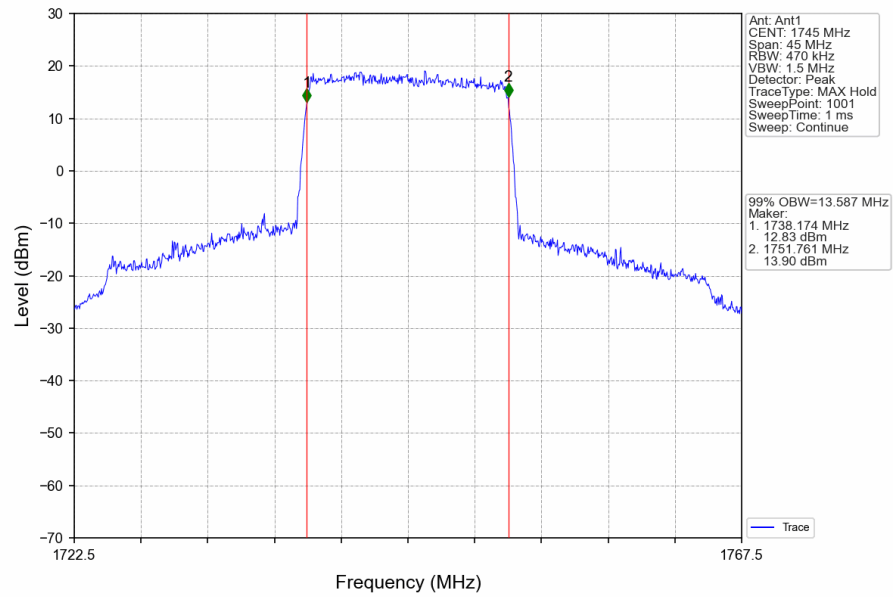
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTN



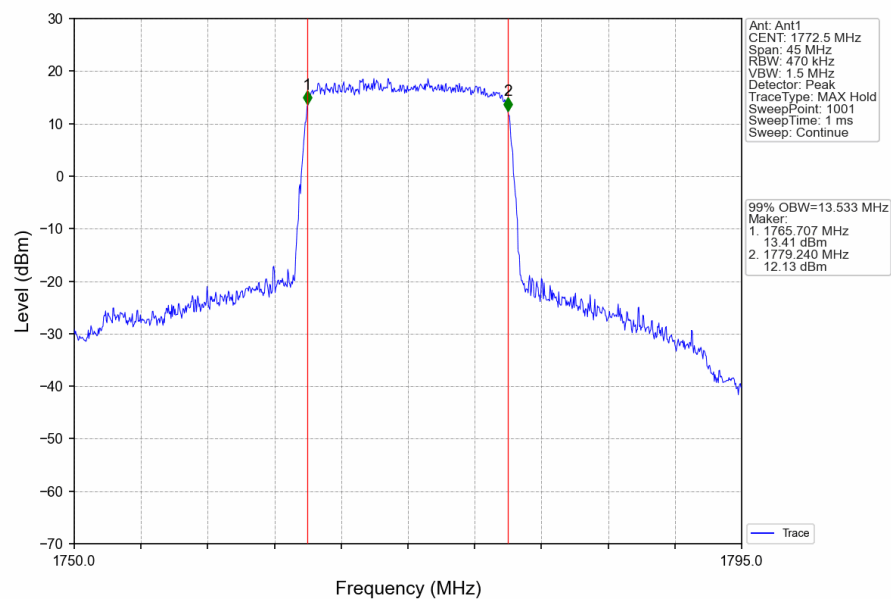
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



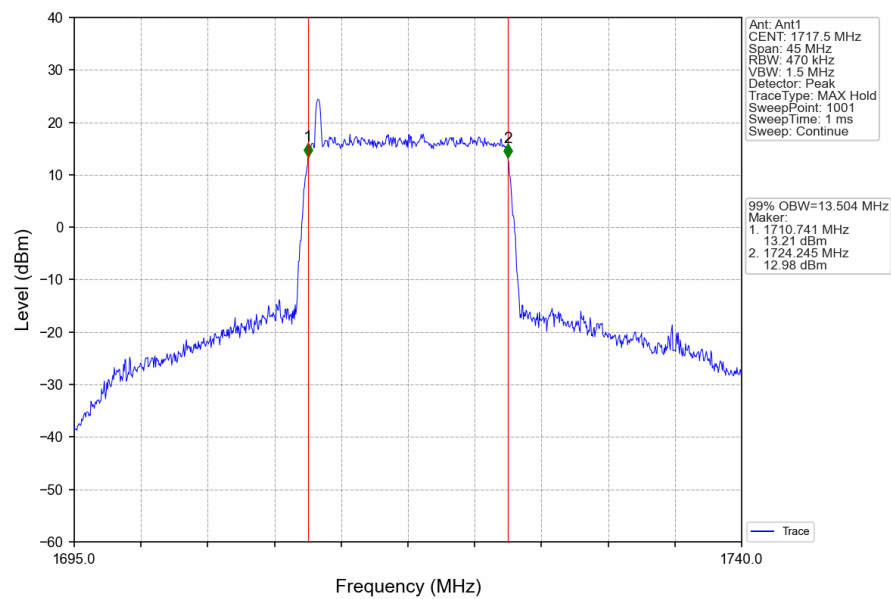
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



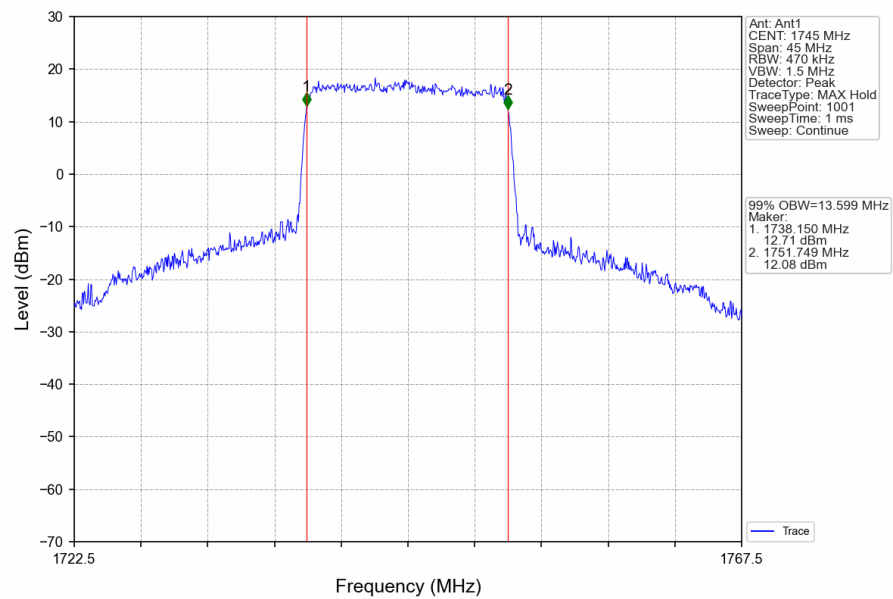
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



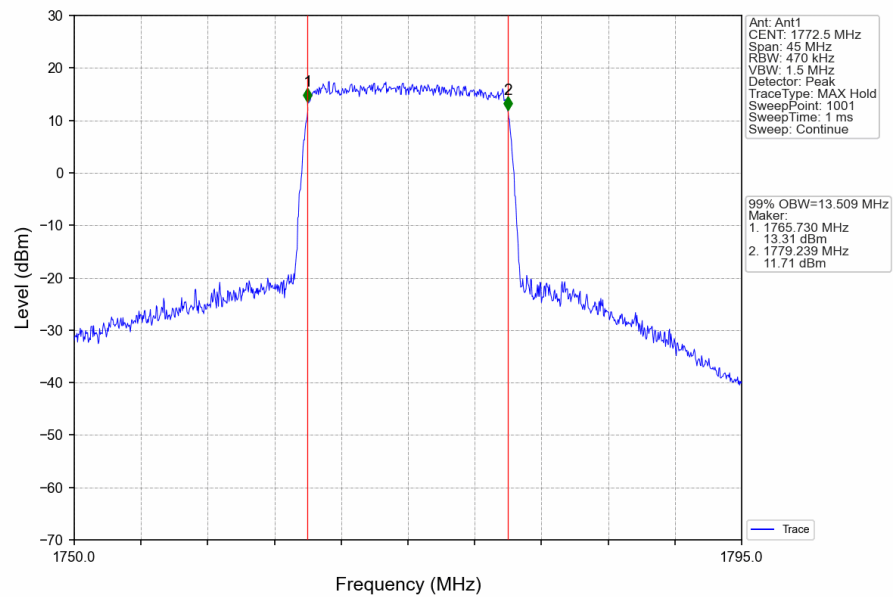
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



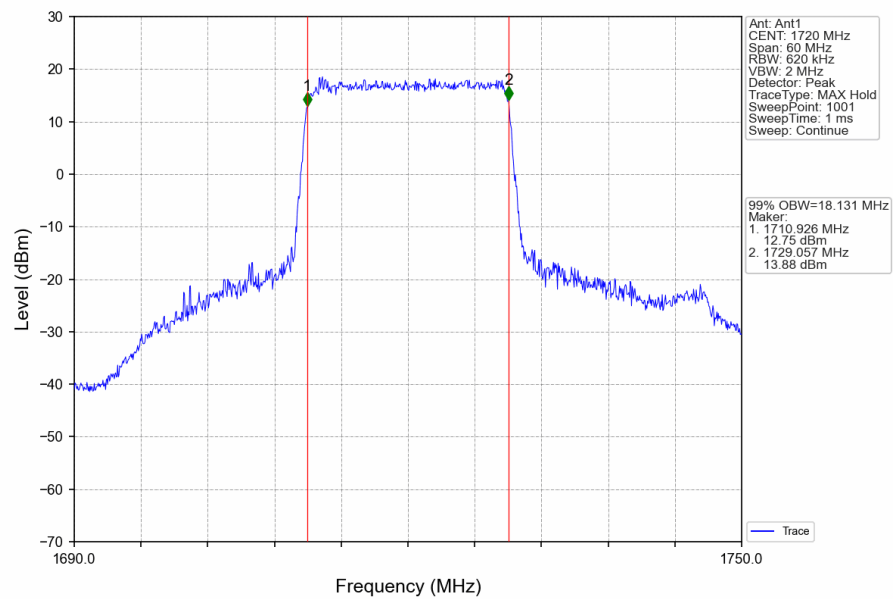
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTN



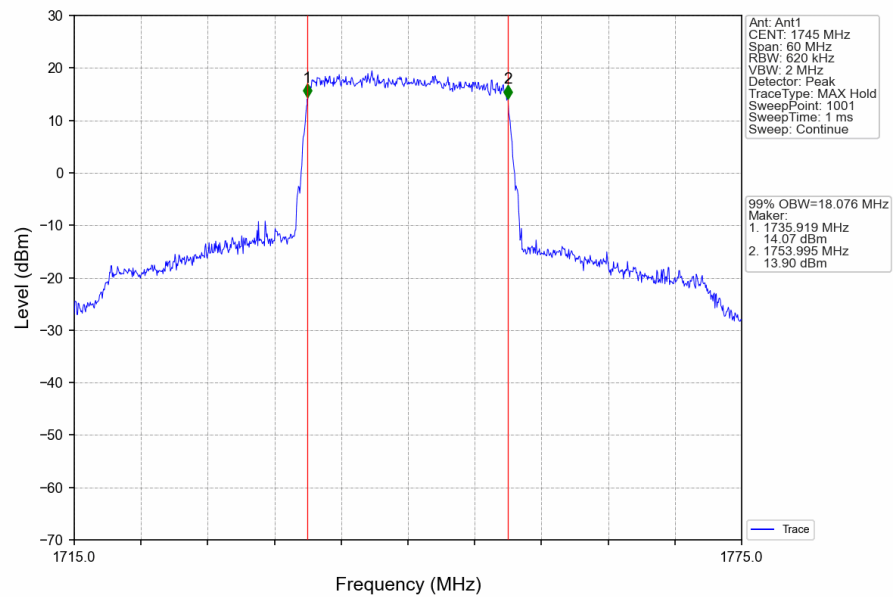
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTN



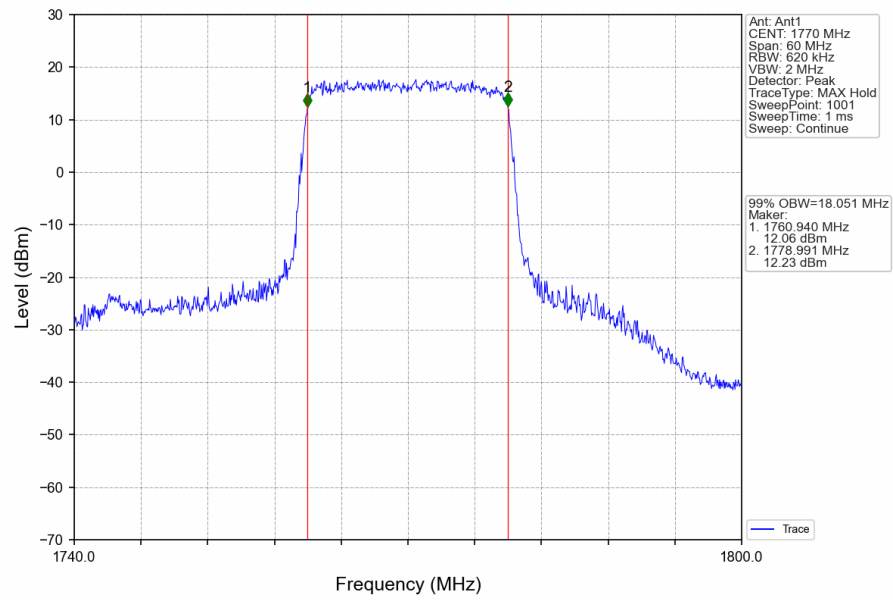
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



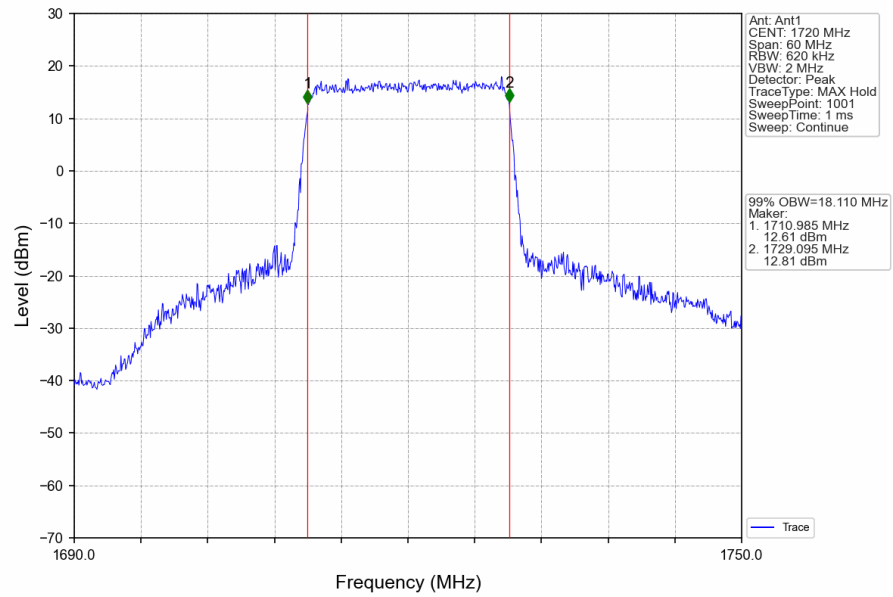
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



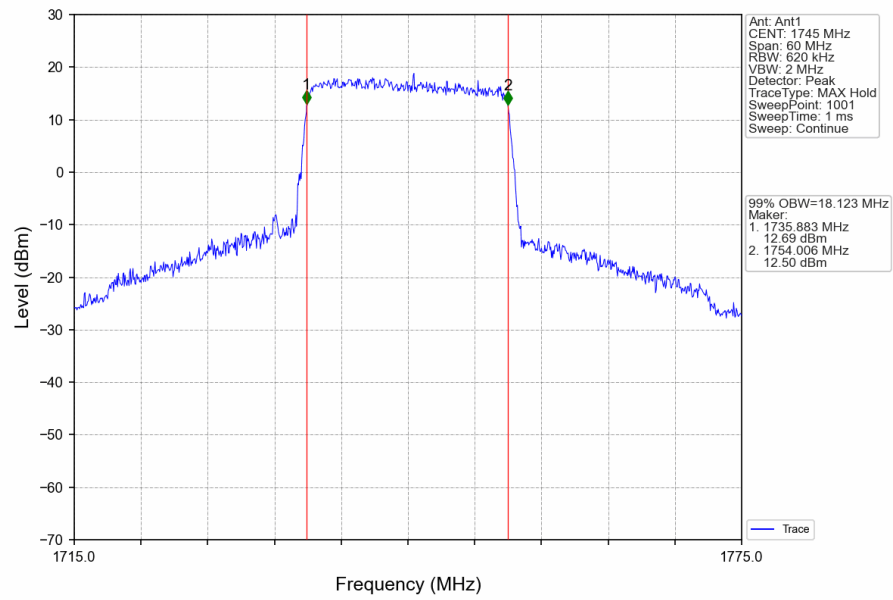
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



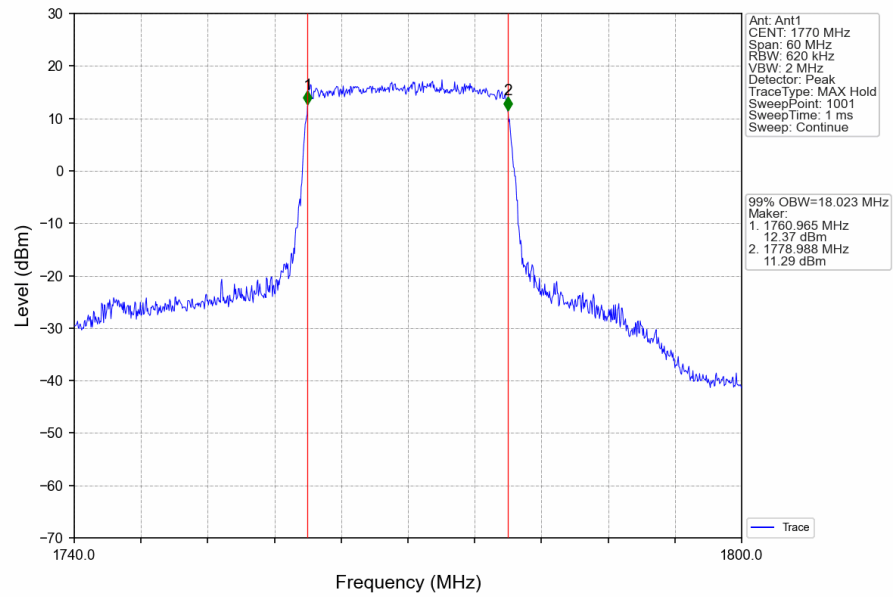
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTN

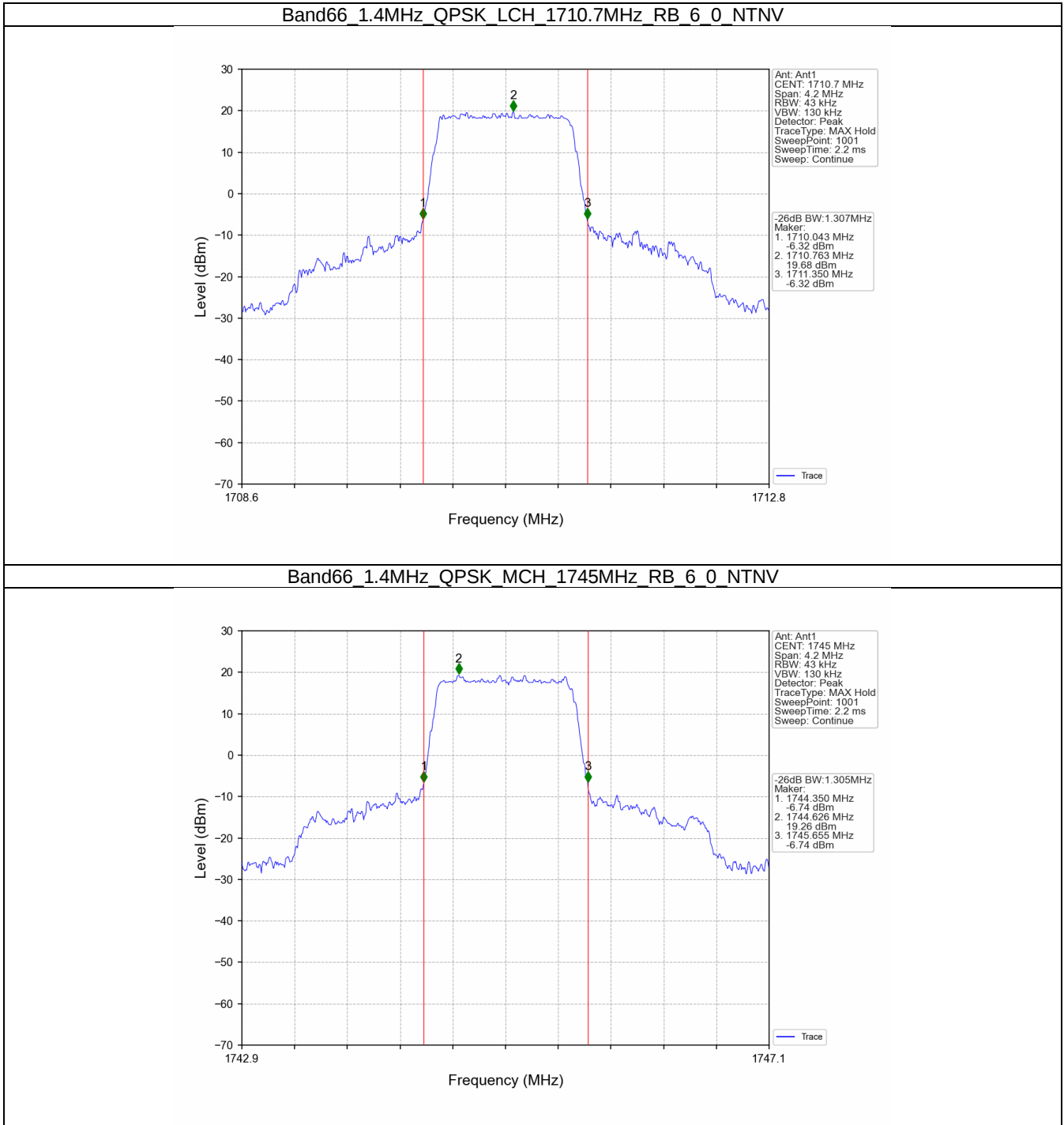


6.2 Band66_XDB

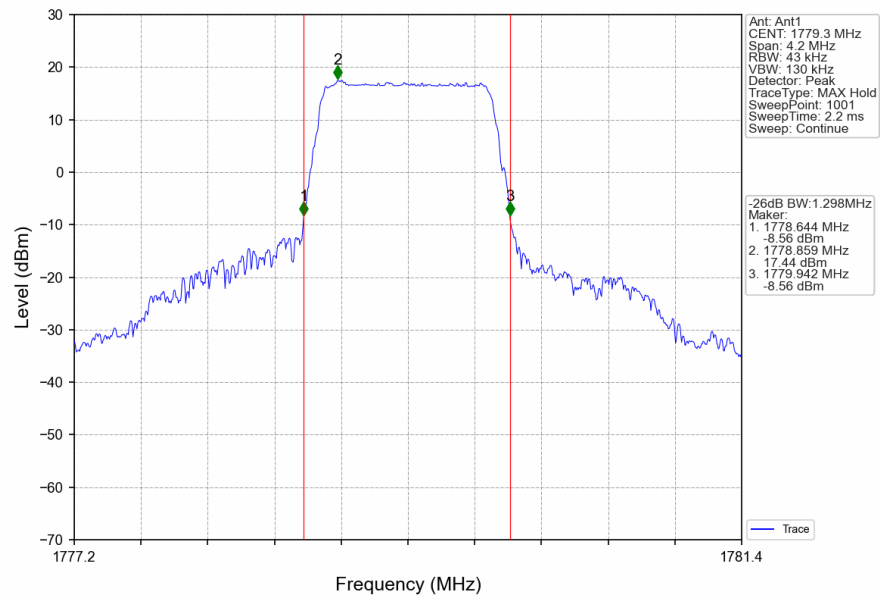
6.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.307	Pass
		1745	6	0	1.305	Pass
		1779.3	6	0	1.298	Pass
	16QAM	1710.7	6	0	1.312	Pass
		1745	6	0	1.313	Pass
		1779.3	6	0	1.305	Pass
3	QPSK	1711.5	15	0	2.993	Pass
		1745	15	0	3.026	Pass
		1778.5	15	0	2.989	Pass
	16QAM	1711.5	15	0	3.026	Pass
		1745	15	0	3.004	Pass
		1778.5	15	0	3.014	Pass
5	QPSK	1712.5	25	0	4.966	Pass
		1745	25	0	4.986	Pass
		1777.5	25	0	4.948	Pass
	16QAM	1712.5	25	0	4.983	Pass
		1745	25	0	4.967	Pass
		1777.5	25	0	4.965	Pass
10	QPSK	1715	50	0	9.636	Pass
		1745	50	0	9.832	Pass
		1775	50	0	9.813	Pass
	16QAM	1715	50	0	9.496	Pass
		1745	50	0	9.814	Pass
		1775	50	0	9.752	Pass
15	QPSK	1717.5	75	0	14.803	Pass
		1745	75	0	14.799	Pass
		1772.5	75	0	14.719	Pass
	16QAM	1717.5	75	0	14.439	Pass
		1745	75	0	14.749	Pass
		1772.5	75	0	14.744	Pass
20	QPSK	1720	100	0	19.932	Pass
		1745	100	0	19.963	Pass
		1770	100	0	19.942	Pass
	16QAM	1720	100	0	19.876	Pass
		1745	100	0	19.822	Pass
		1770	100	0	19.762	Pass

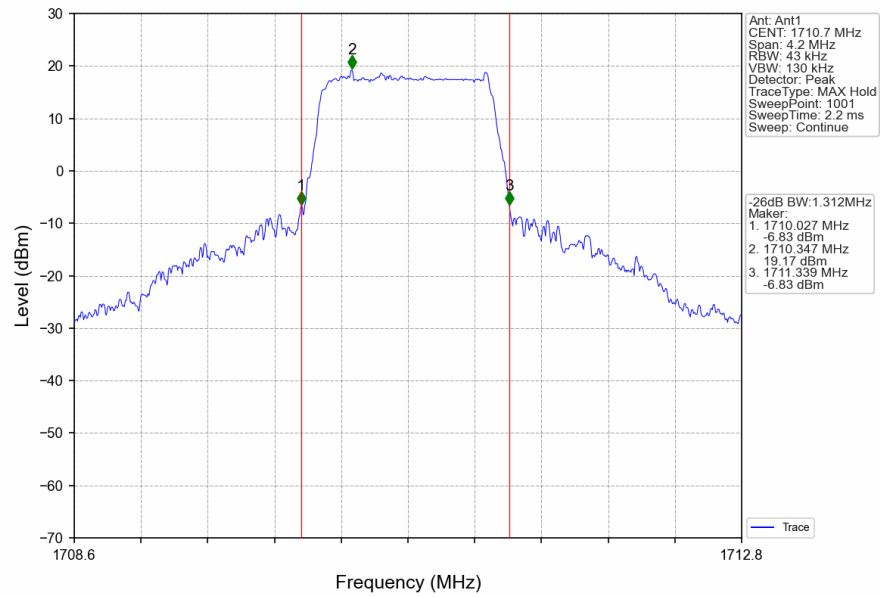
6.2.2 Test Graph



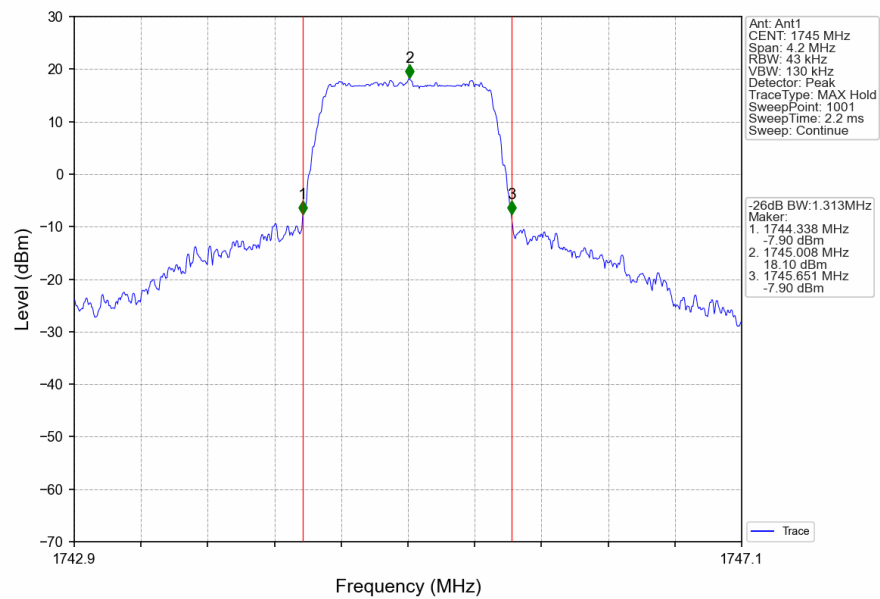
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



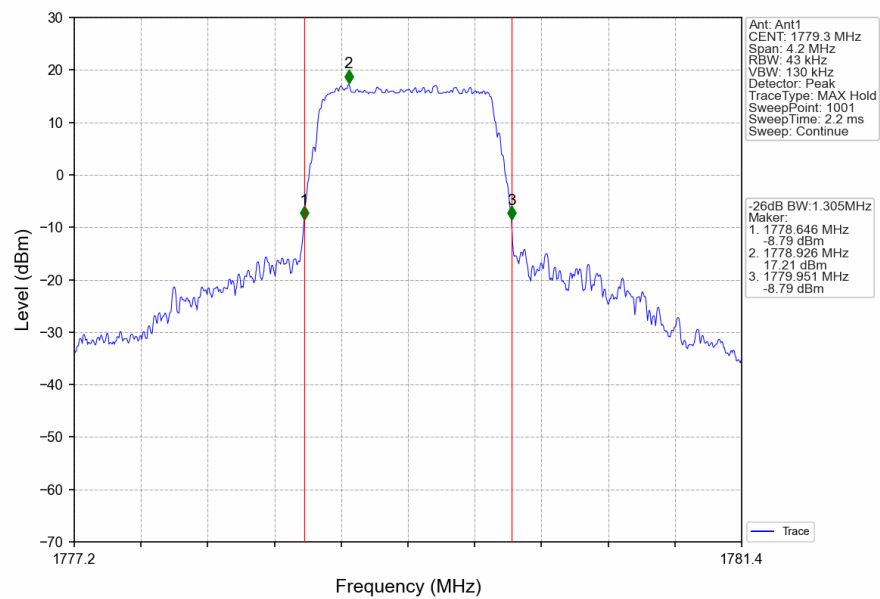
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



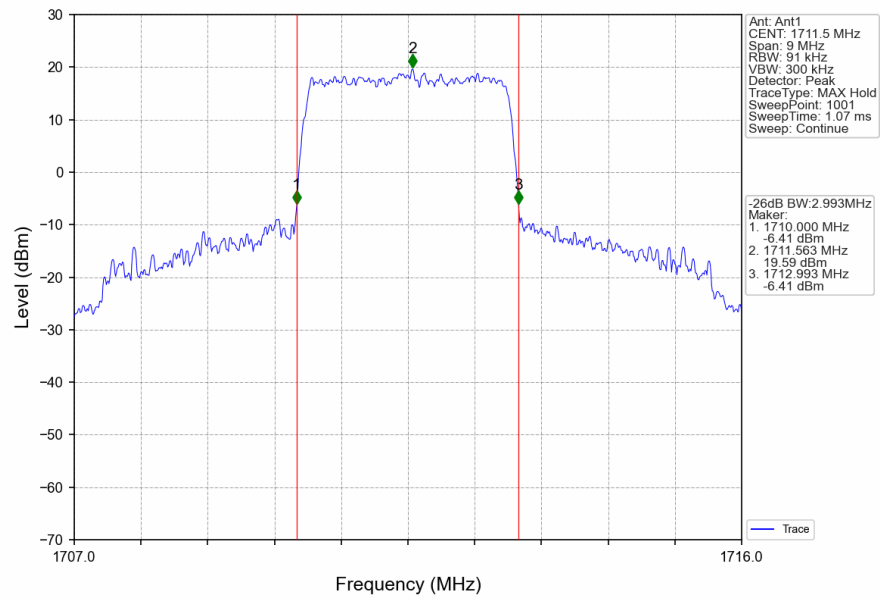
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



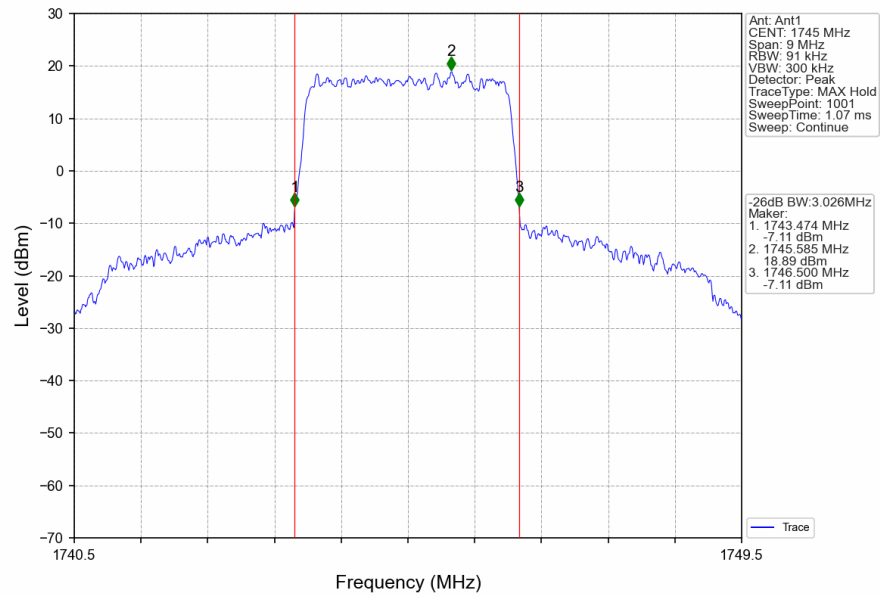
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



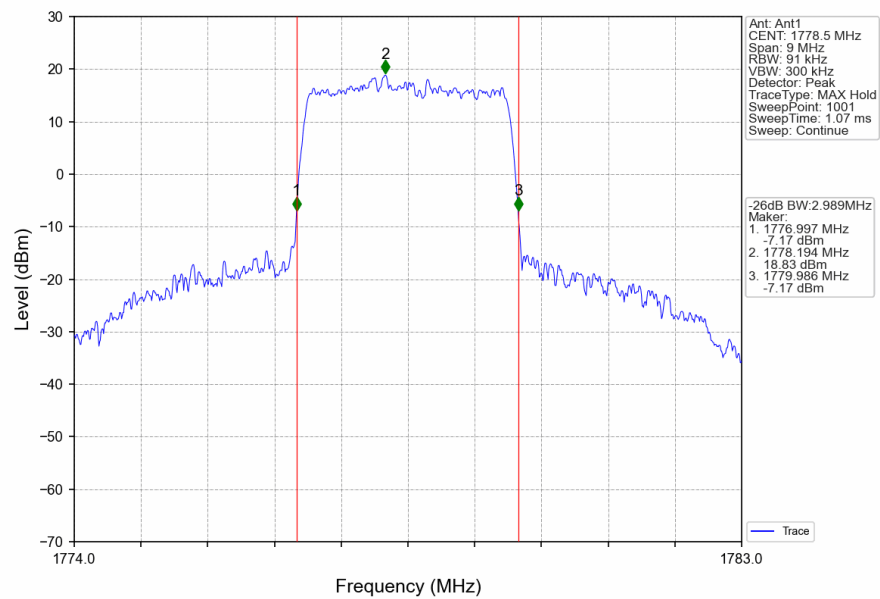
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV



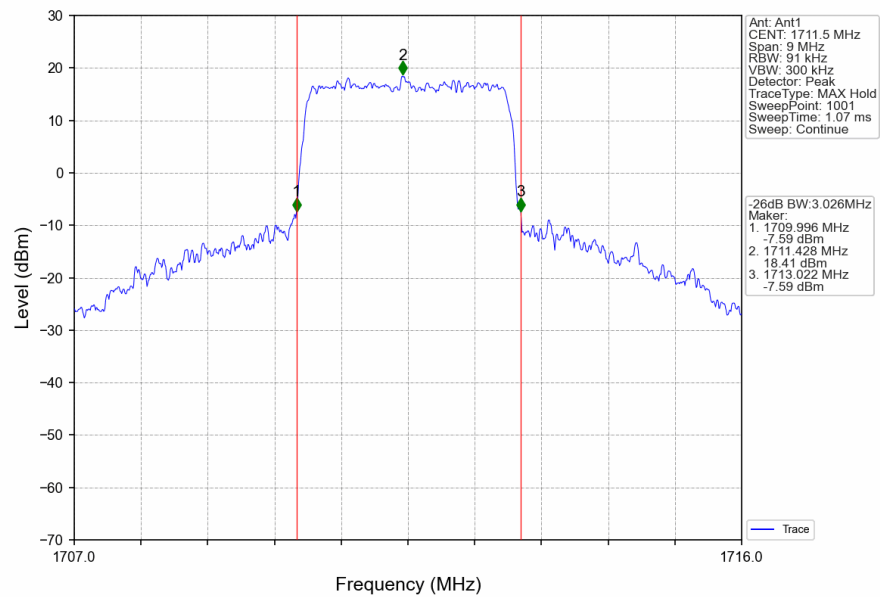
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



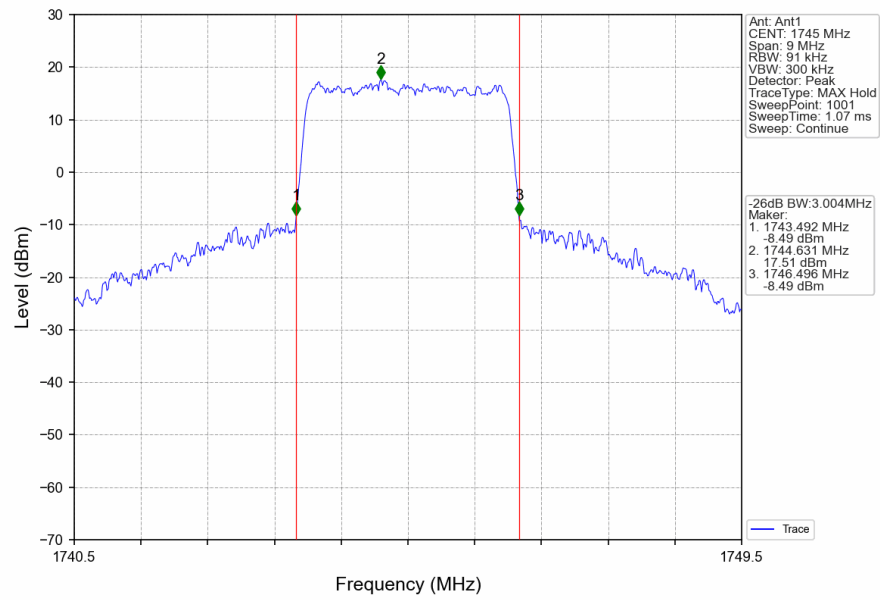
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTN



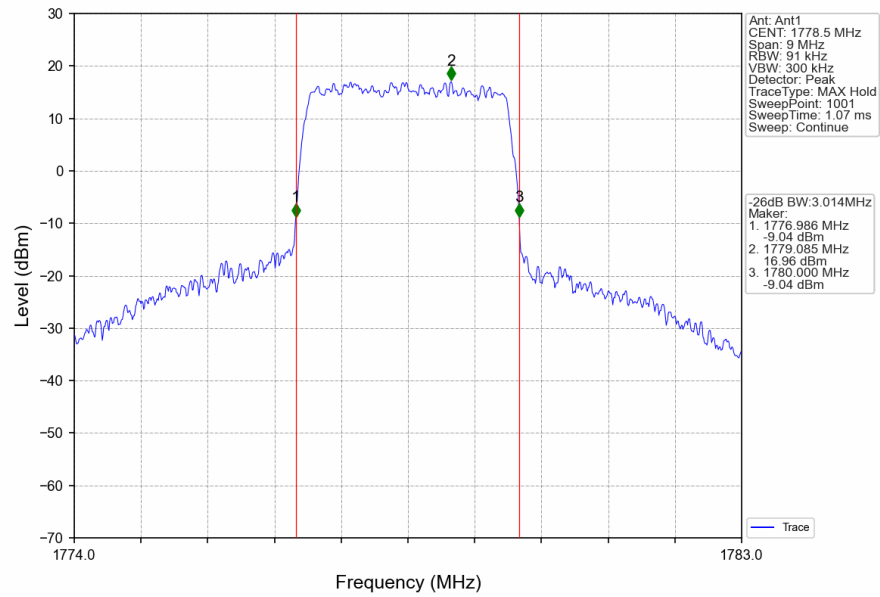
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTN



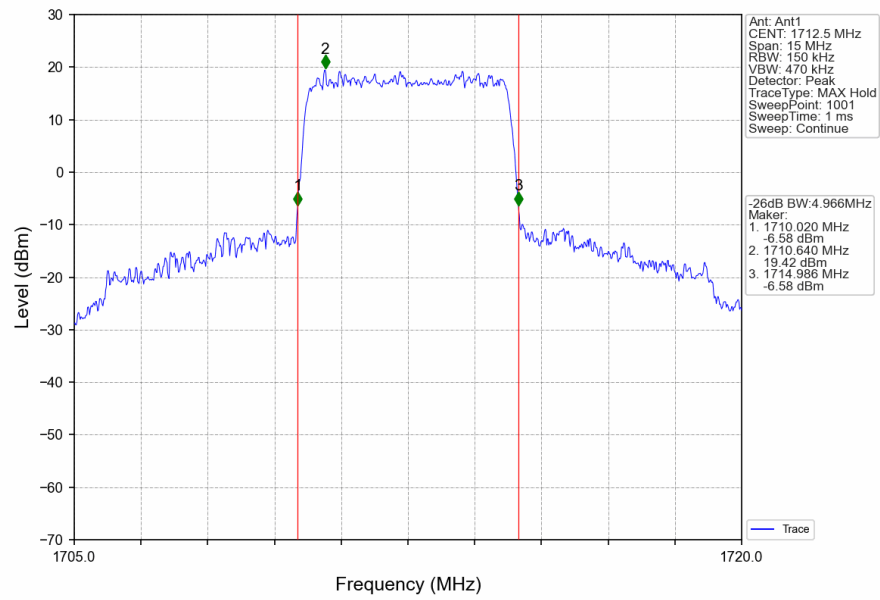
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



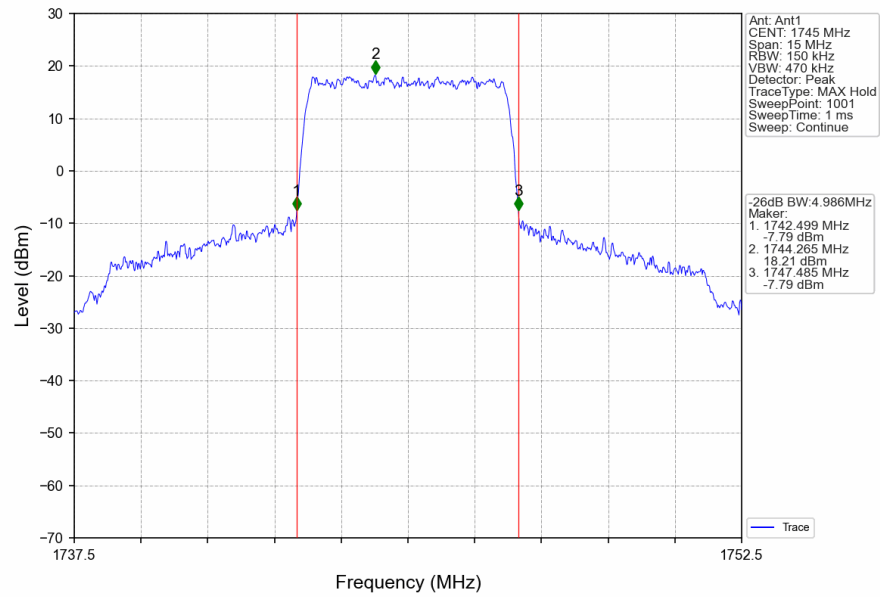
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTV



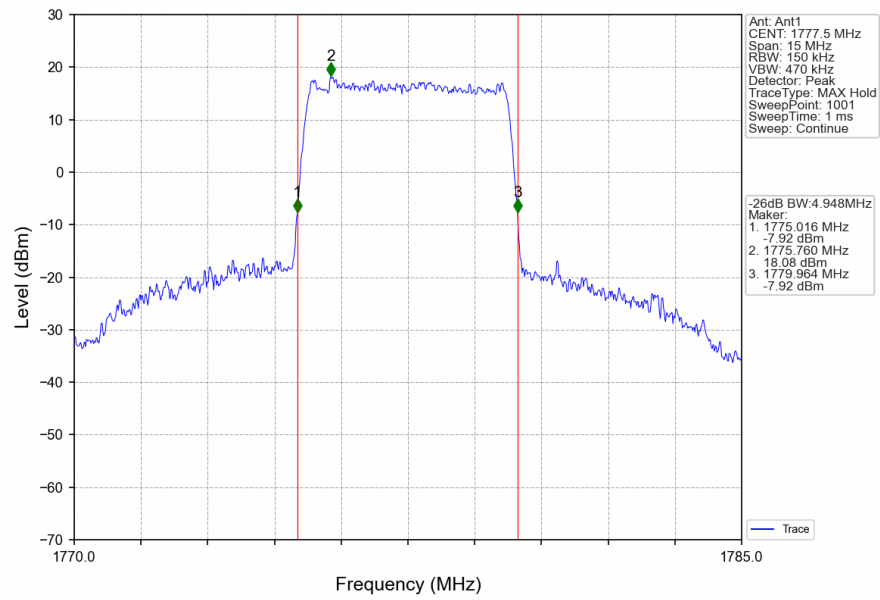
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



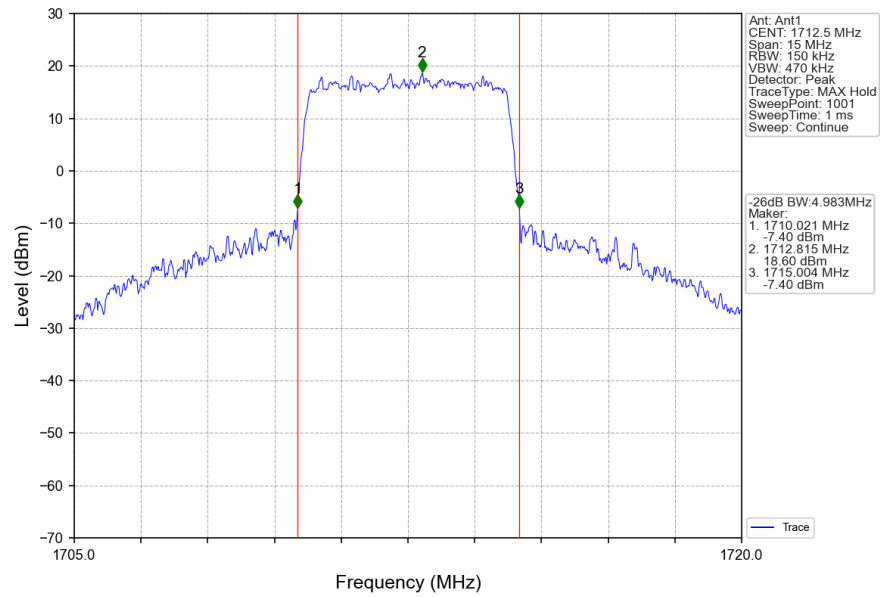
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



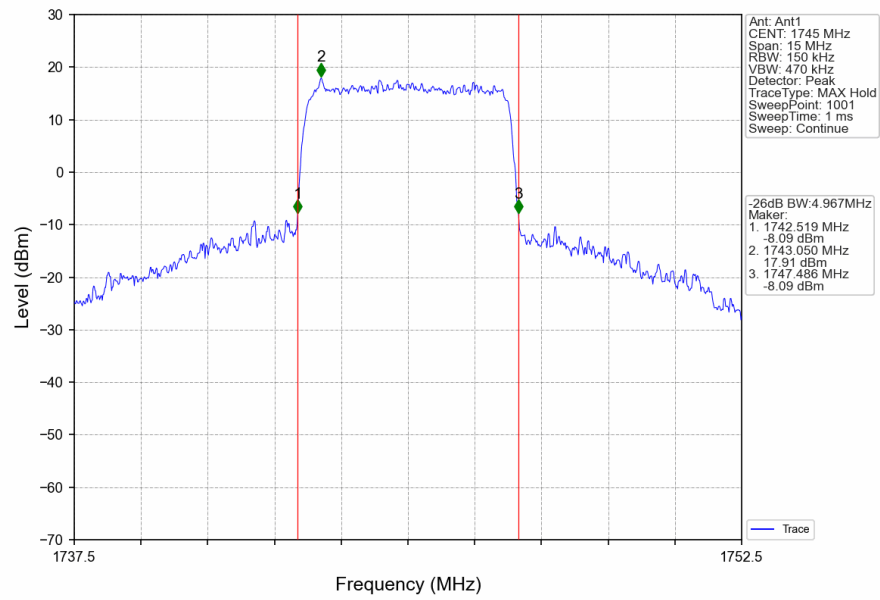
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTN



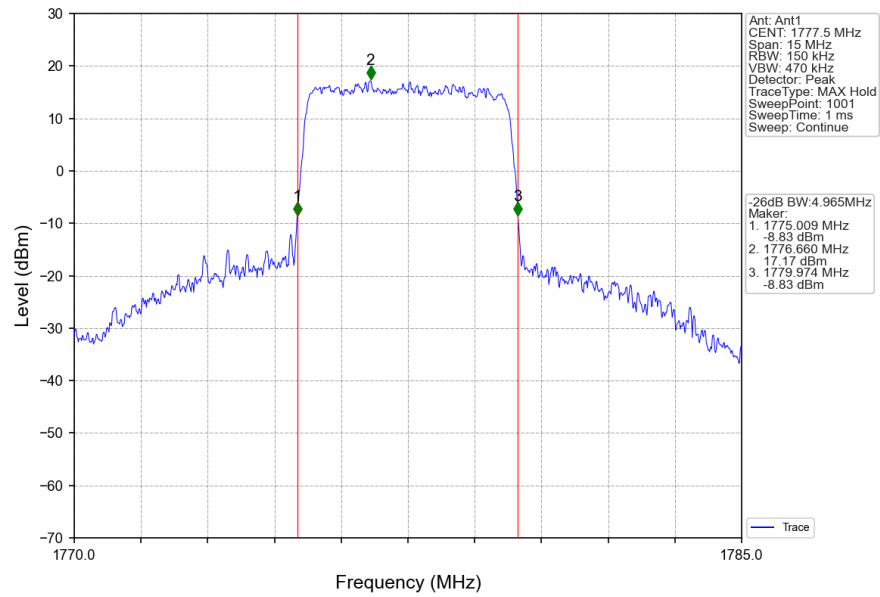
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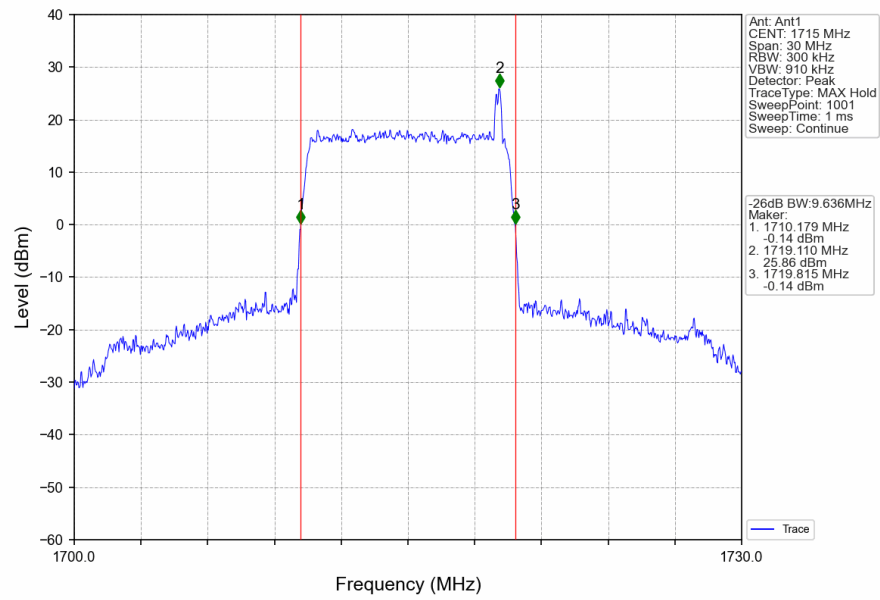
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



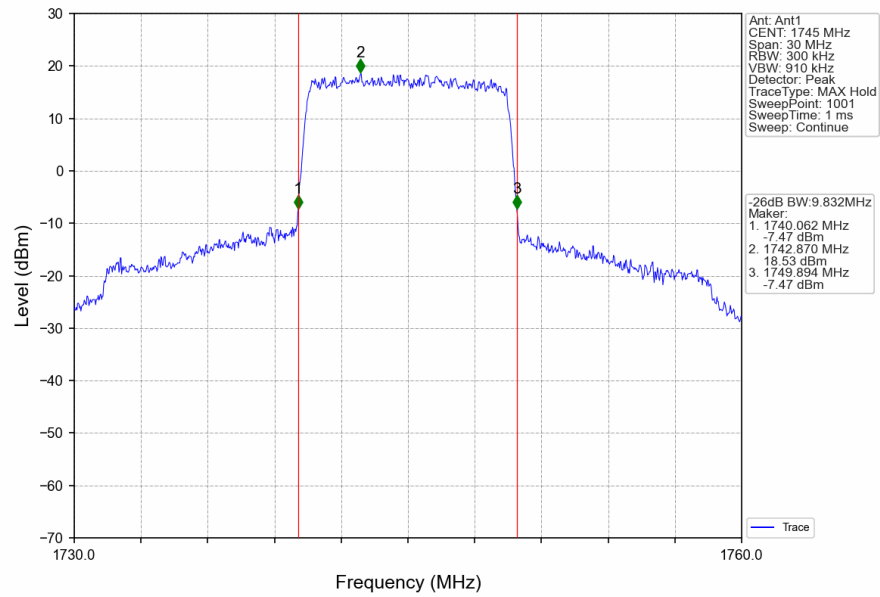
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



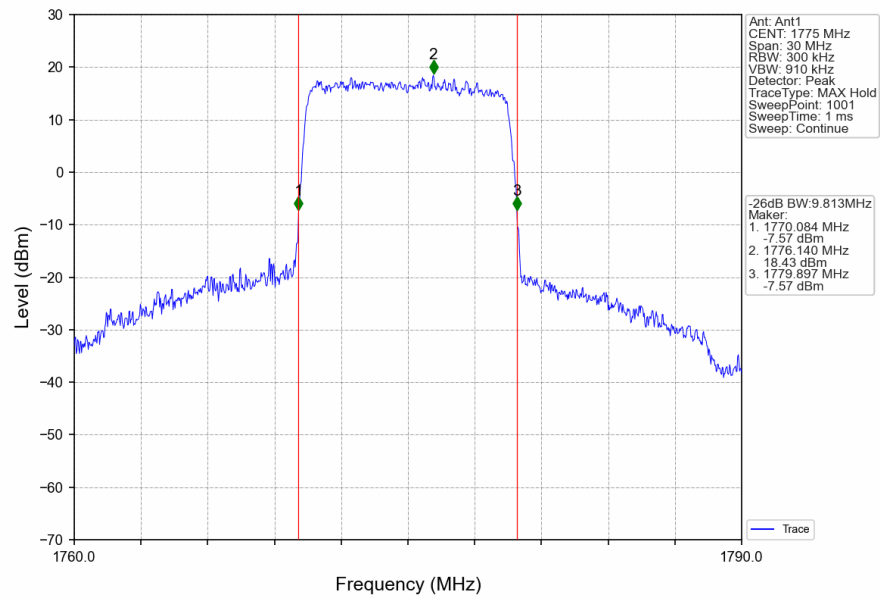
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



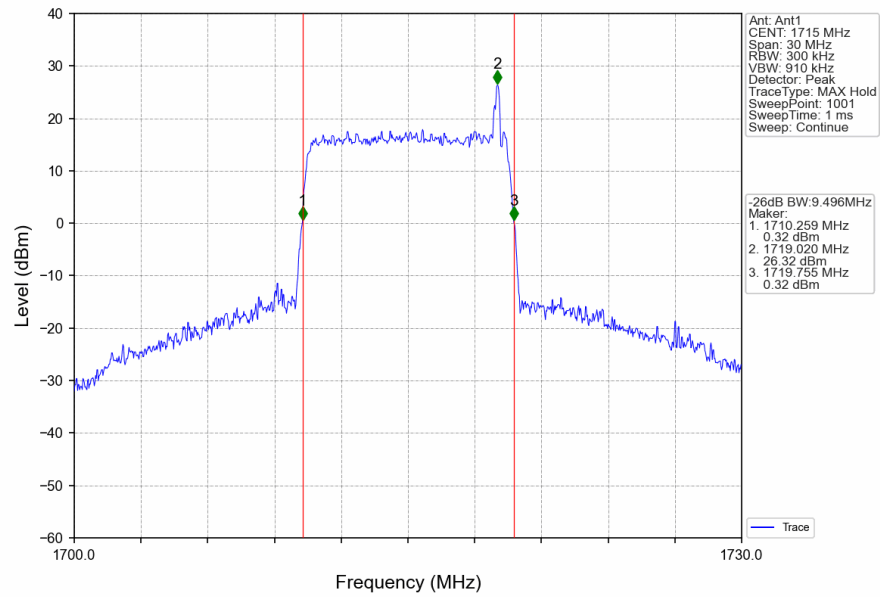
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



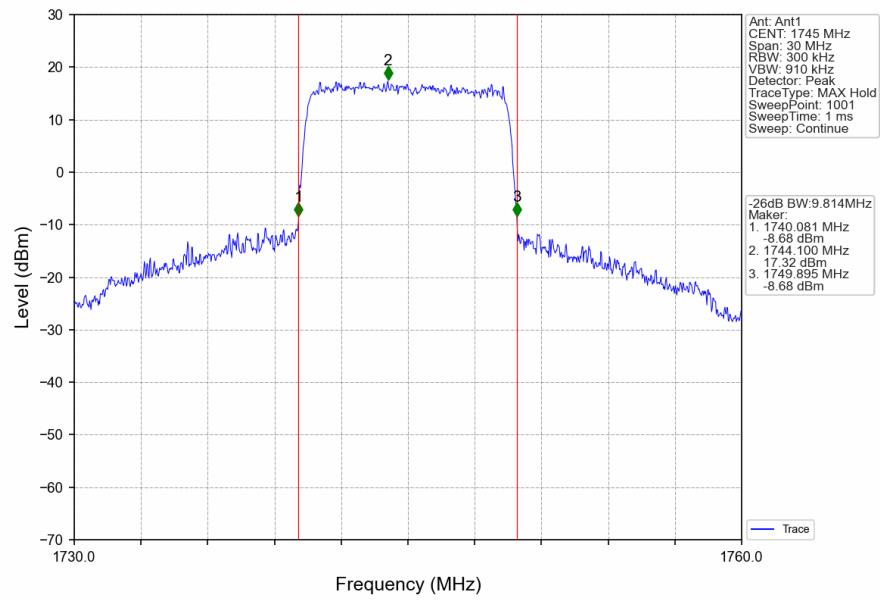
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



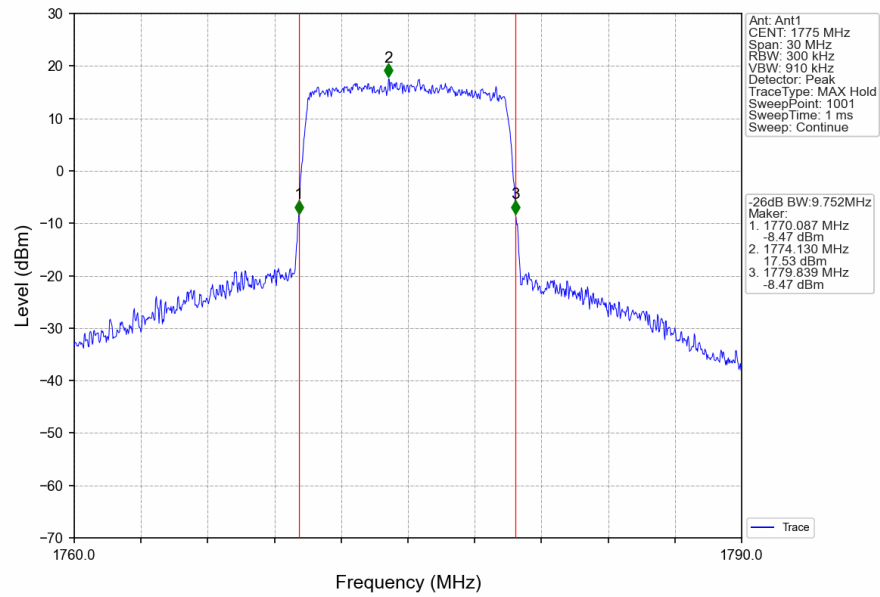
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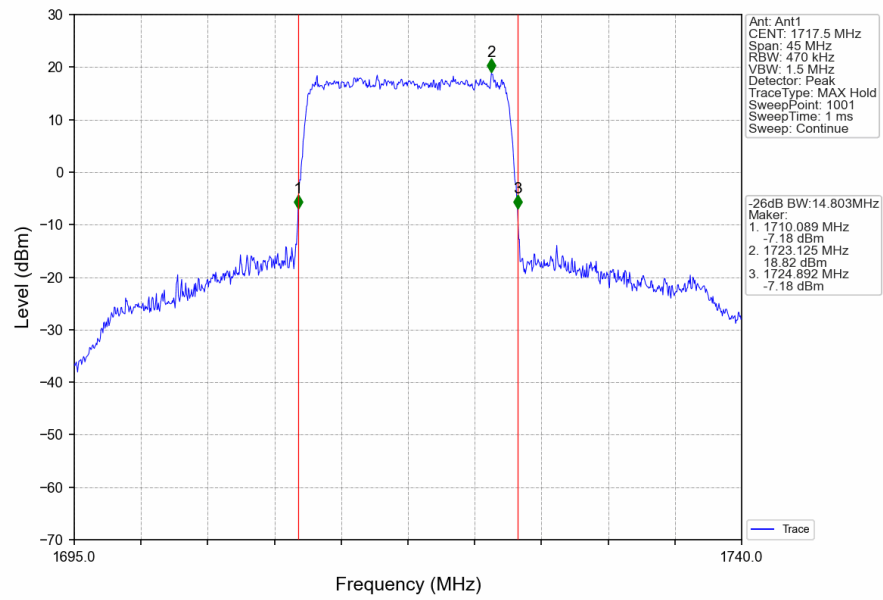
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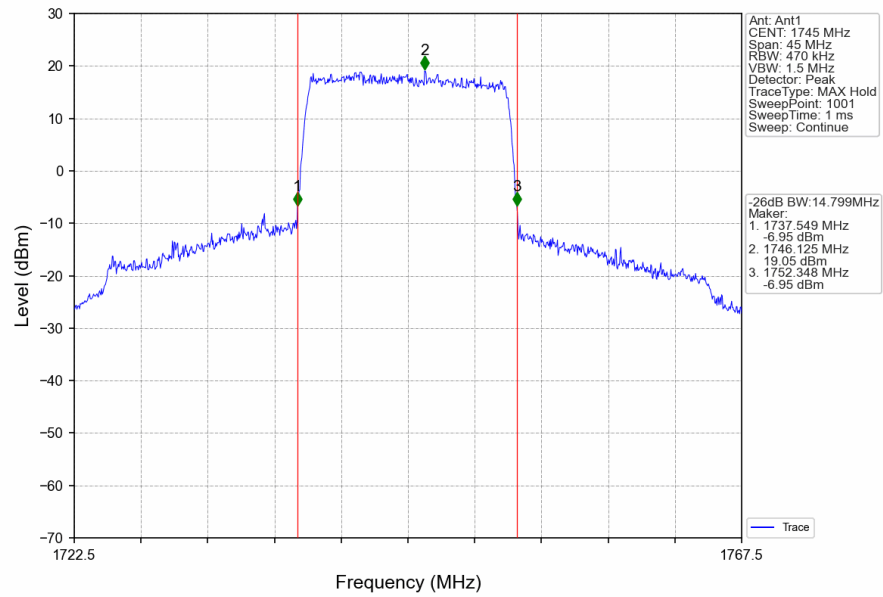
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



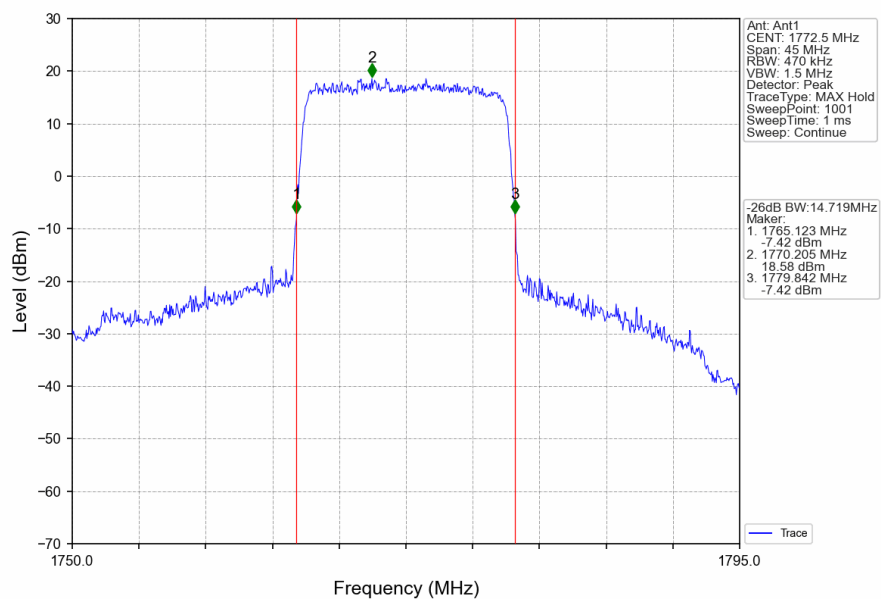
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTN



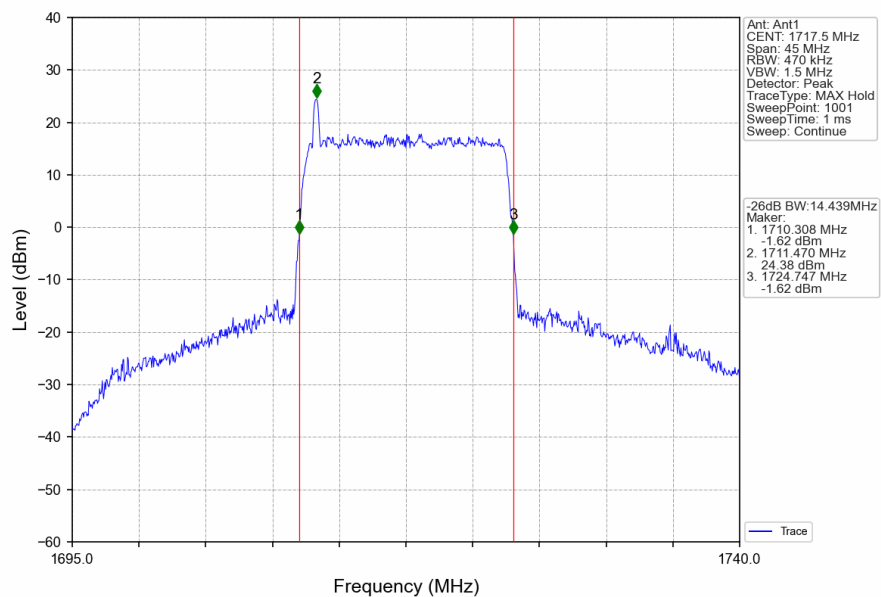
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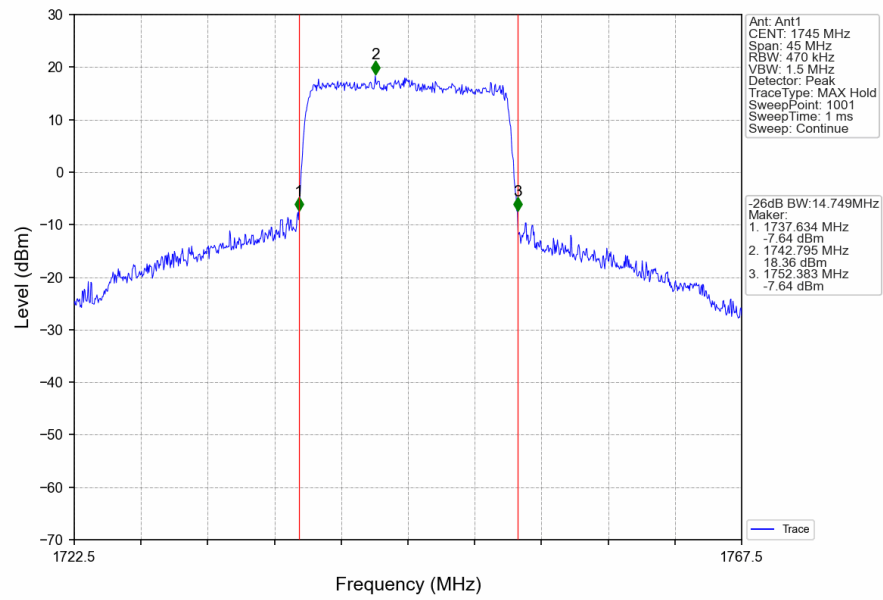
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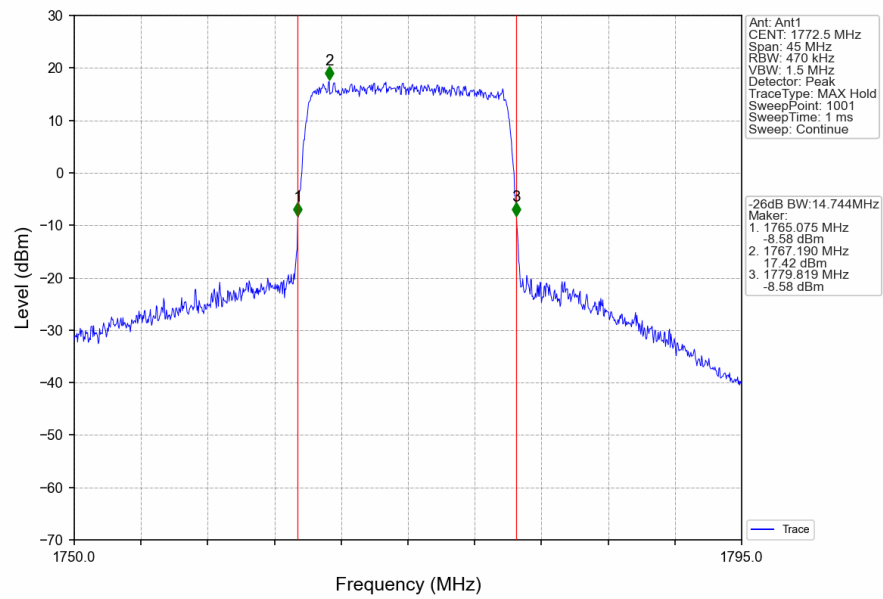
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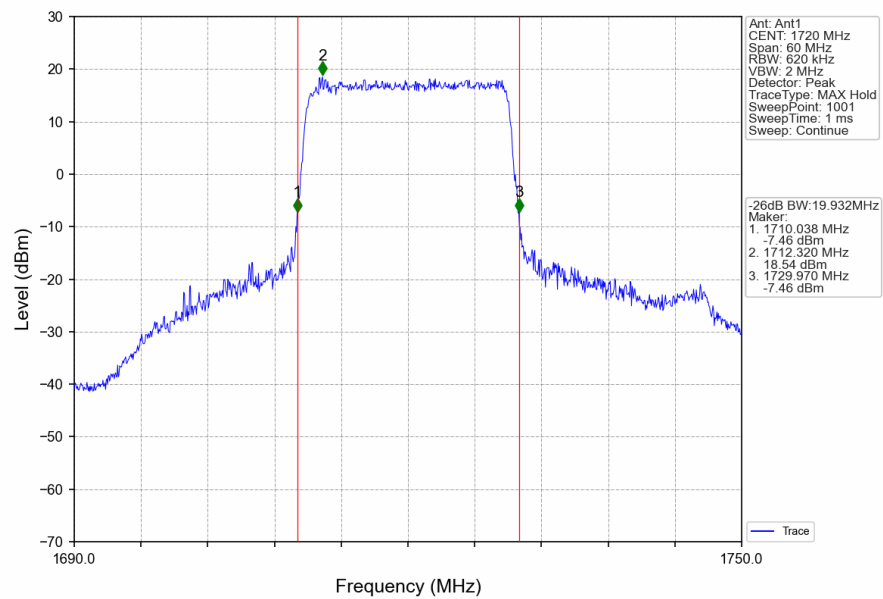
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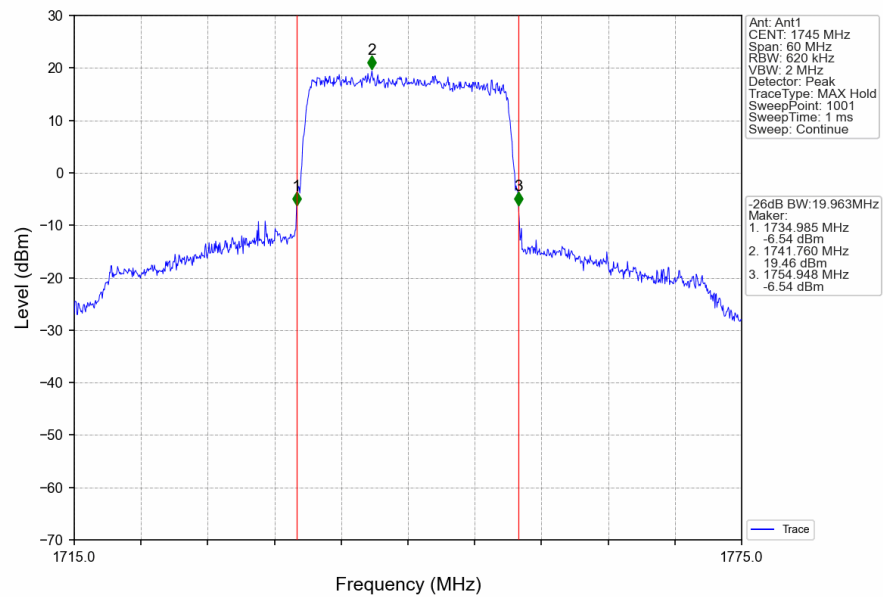
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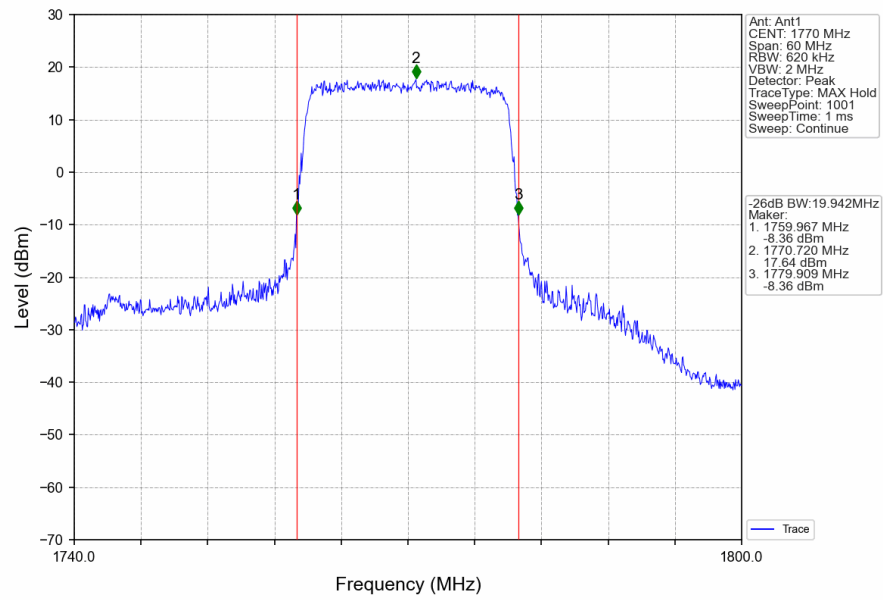
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



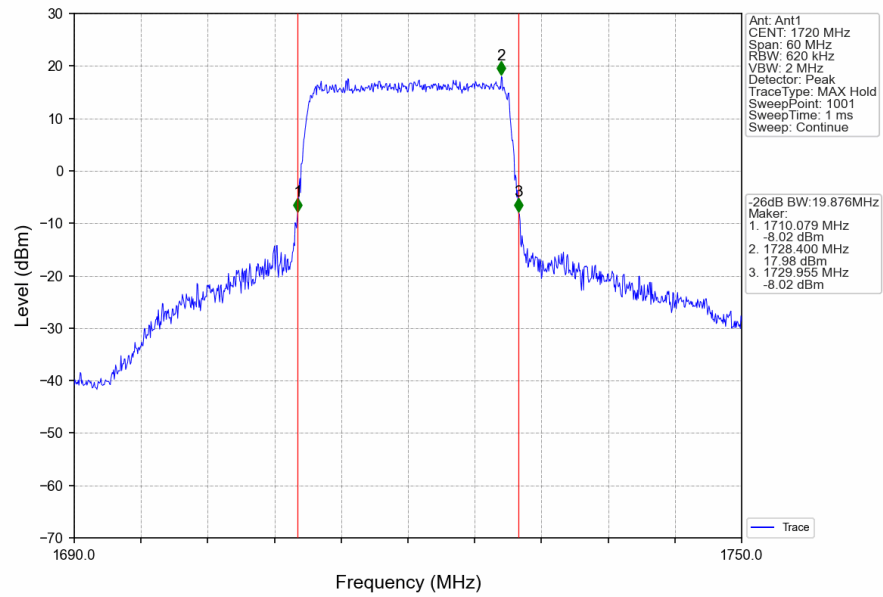
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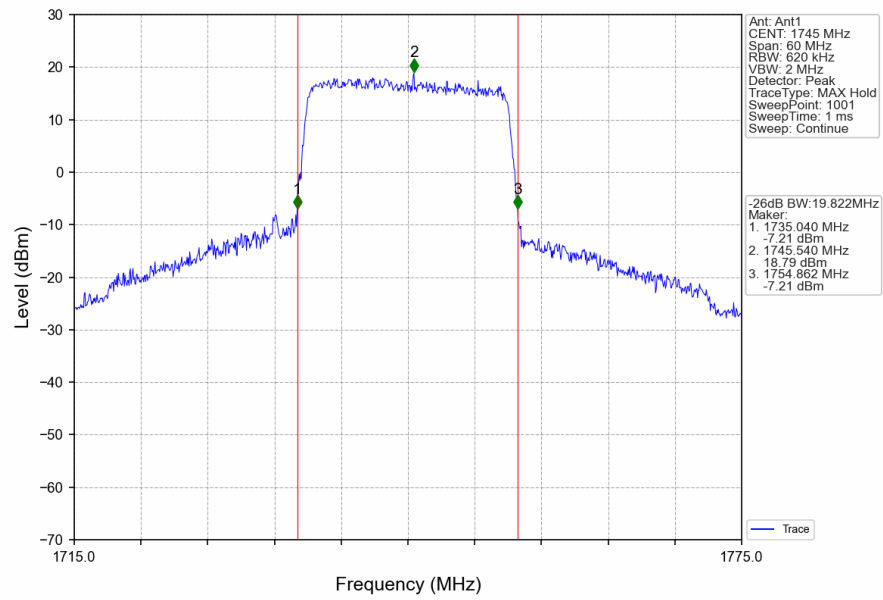
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



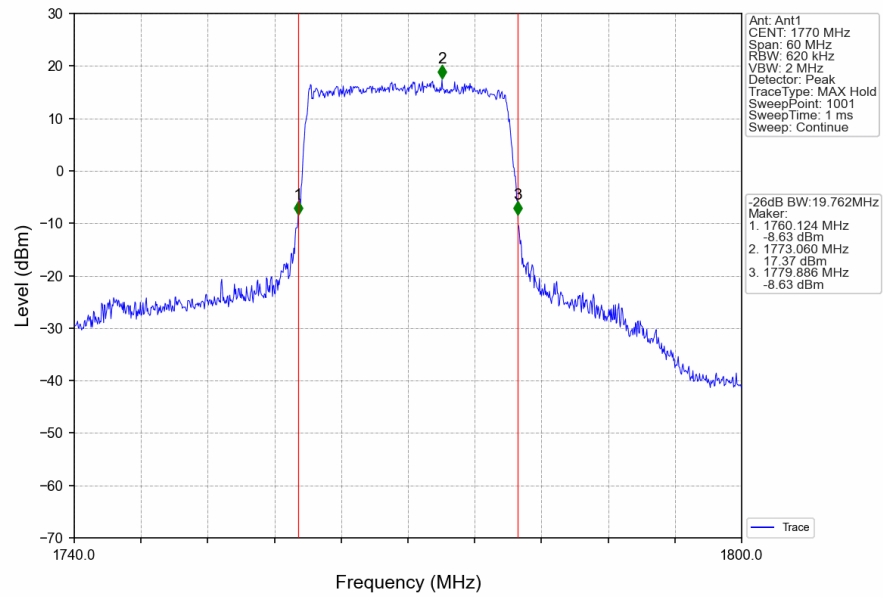
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTN



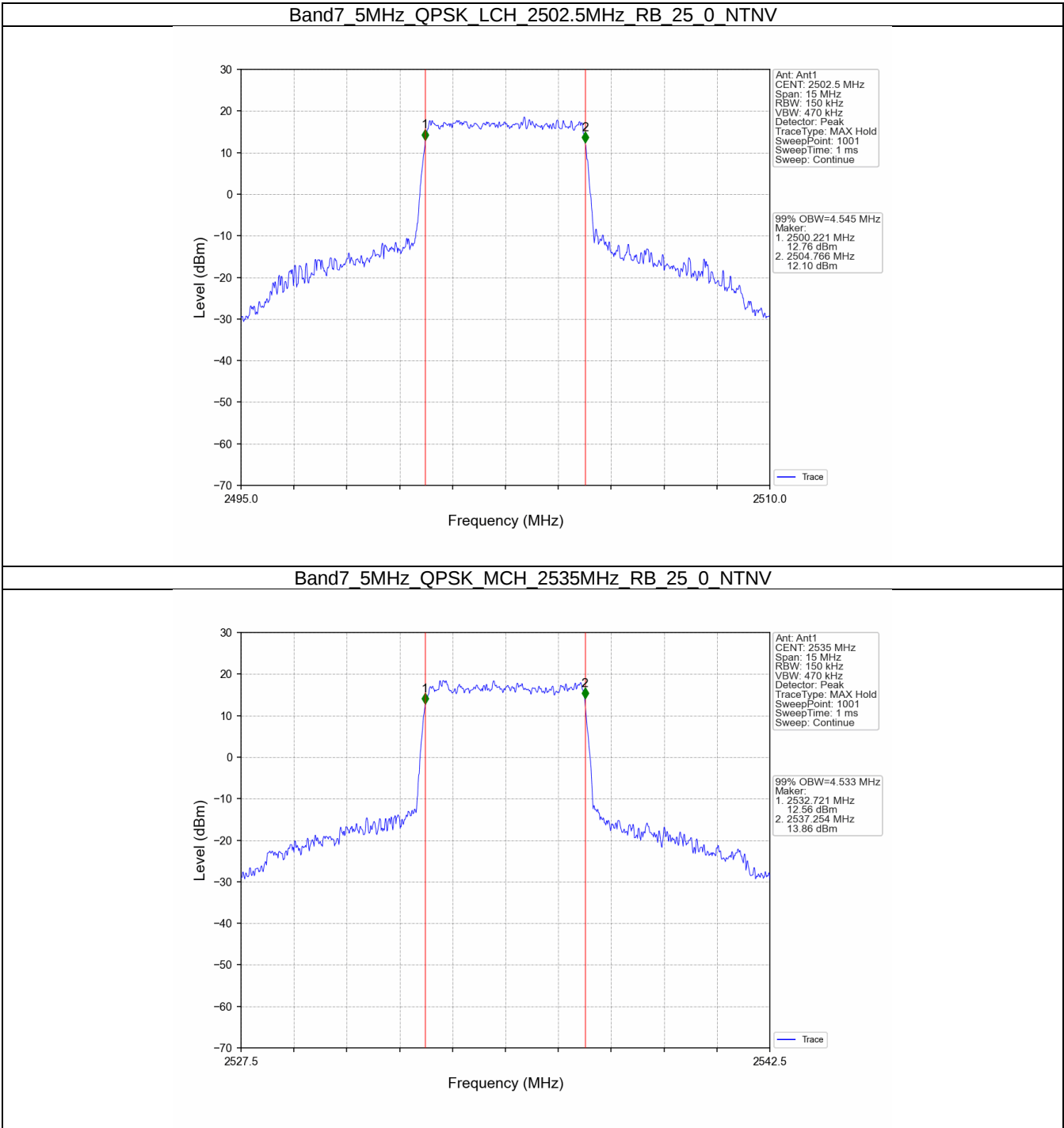
7. 99% & 26dB Bandwidth

7.1 Band7_OBW

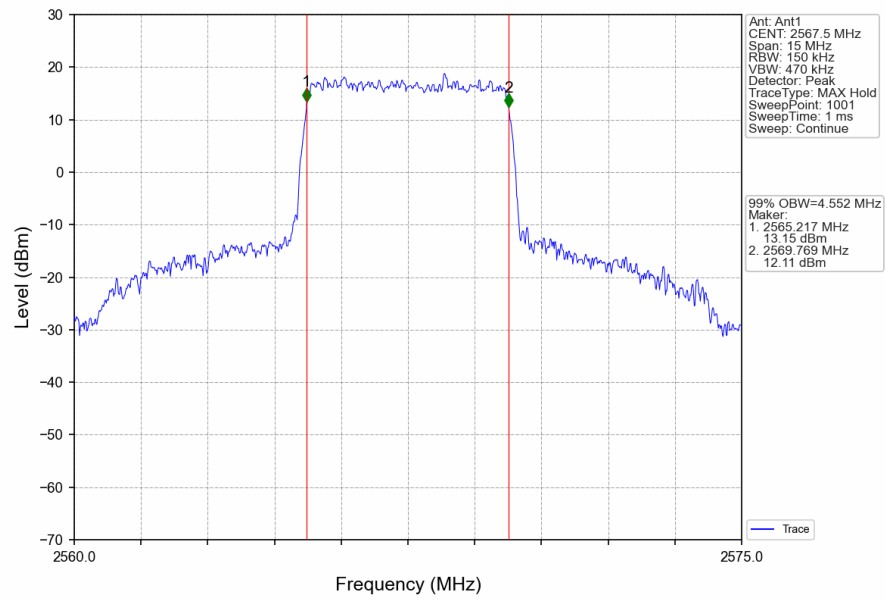
7.1.1 Test Result

Band: 7 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.545	Pass
		2535	25	0	4.533	Pass
		2567.5	25	0	4.552	Pass
	16QAM	2502.5	25	0	4.552	Pass
		2535	25	0	4.546	Pass
		2567.5	25	0	4.532	Pass
10	QPSK	2505	50	0	9.051	Pass
		2535	50	0	9.013	Pass
		2565	50	0	9.067	Pass
	16QAM	2505	50	0	9.046	Pass
		2535	50	0	9.025	Pass
		2565	50	0	9.034	Pass
15	QPSK	2507.5	75	0	13.574	Pass
		2535	75	0	13.553	Pass
		2562.5	75	0	13.560	Pass
	16QAM	2507.5	75	0	13.576	Pass
		2535	75	0	13.563	Pass
		2562.5	75	0	13.553	Pass
20	QPSK	2510	100	0	18.104	Pass
		2535	100	0	18.049	Pass
		2560	100	0	18.044	Pass
	16QAM	2510	100	0	18.146	Pass
		2535	100	0	18.073	Pass
		2560	100	0	18.082	Pass

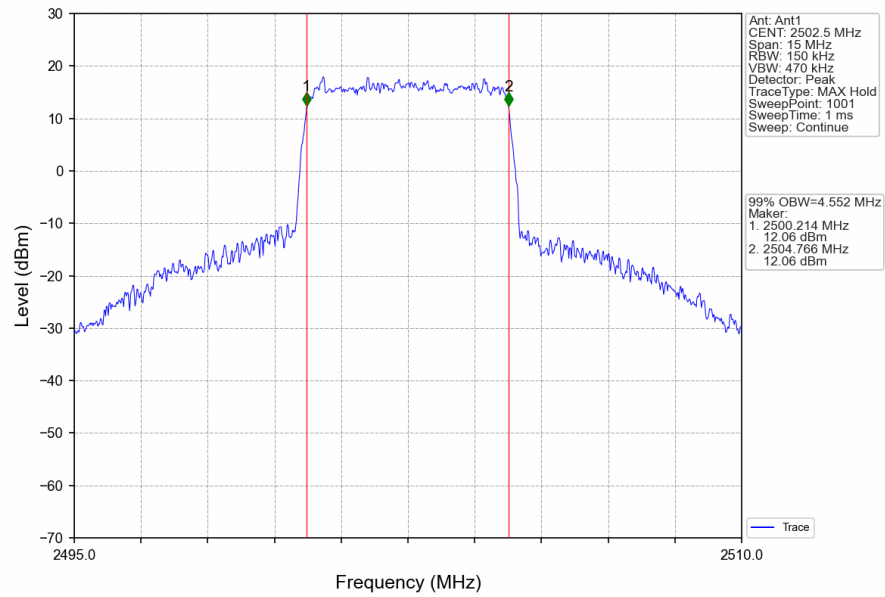
7.1.2 Test Graph



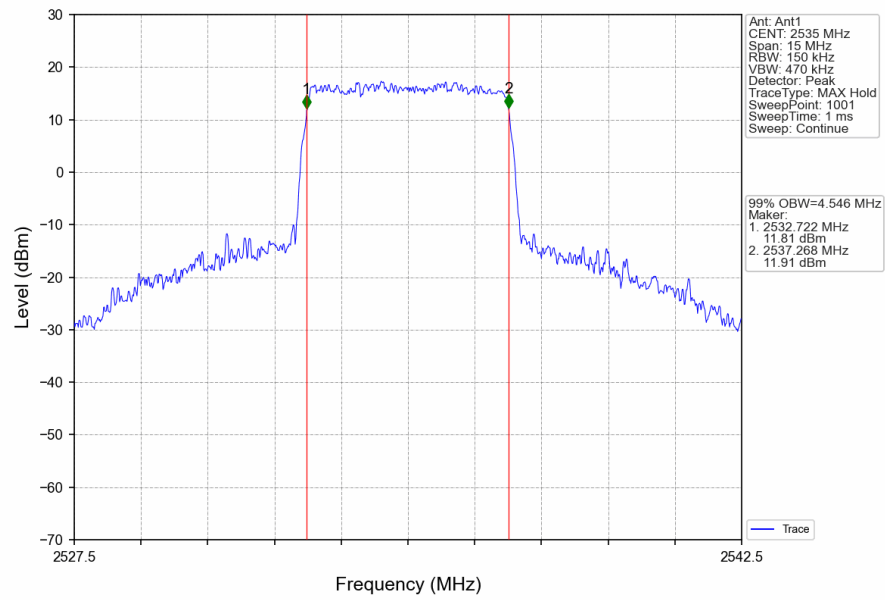
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



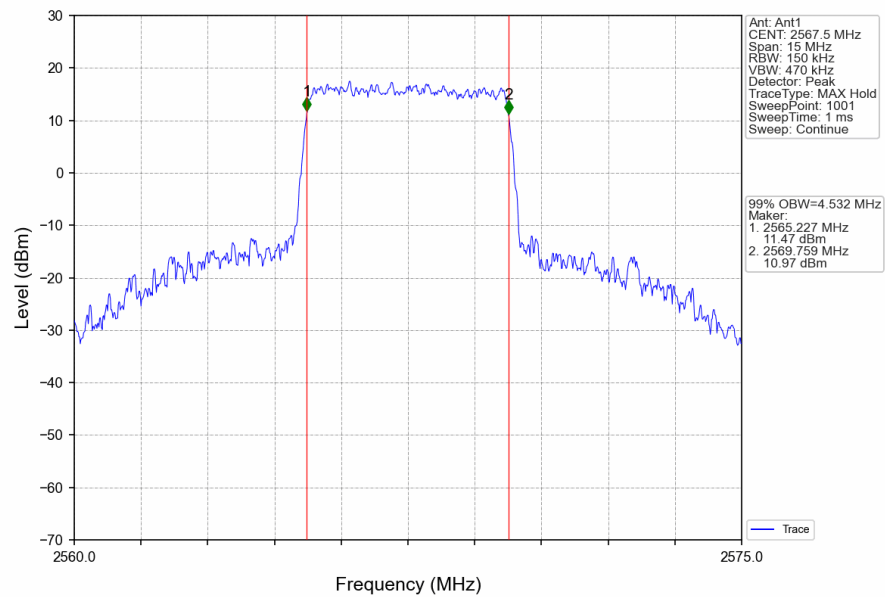
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



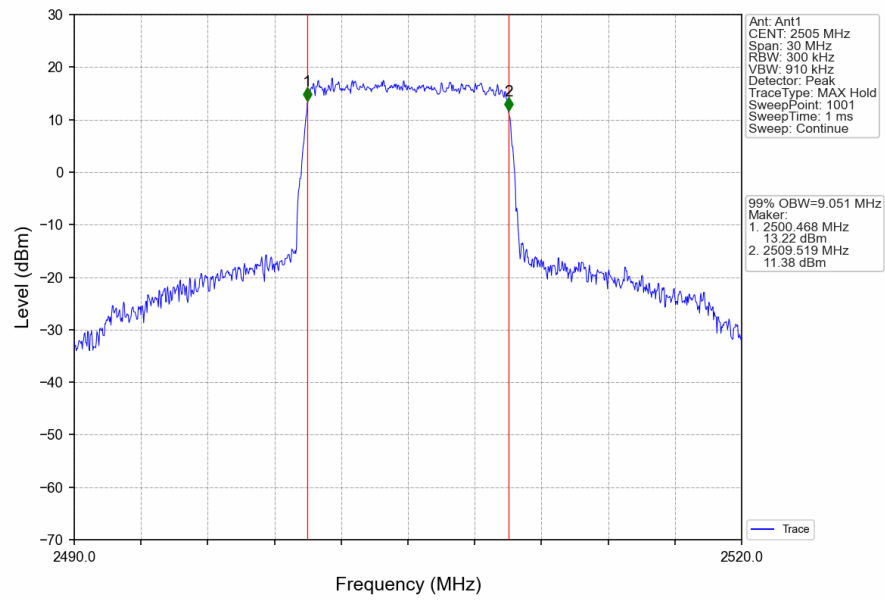
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



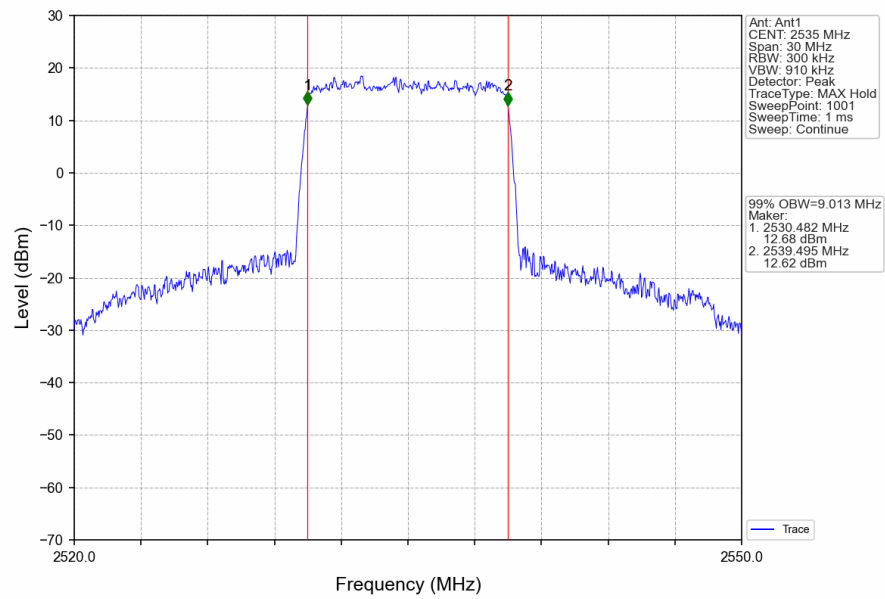
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



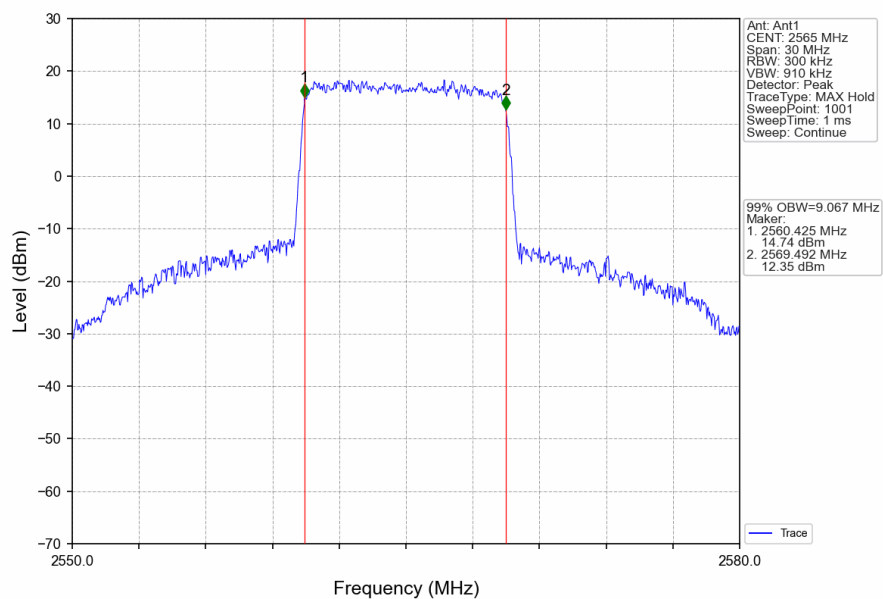
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



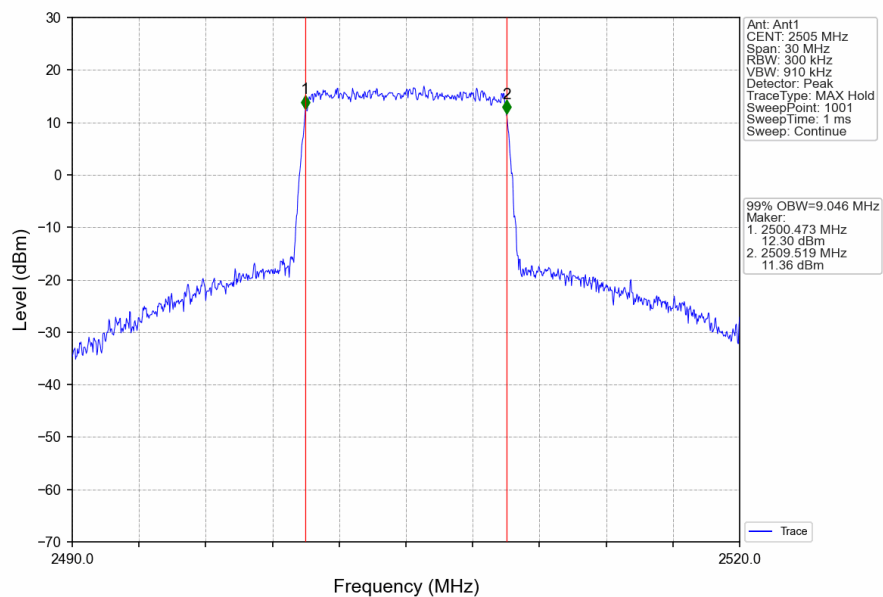
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



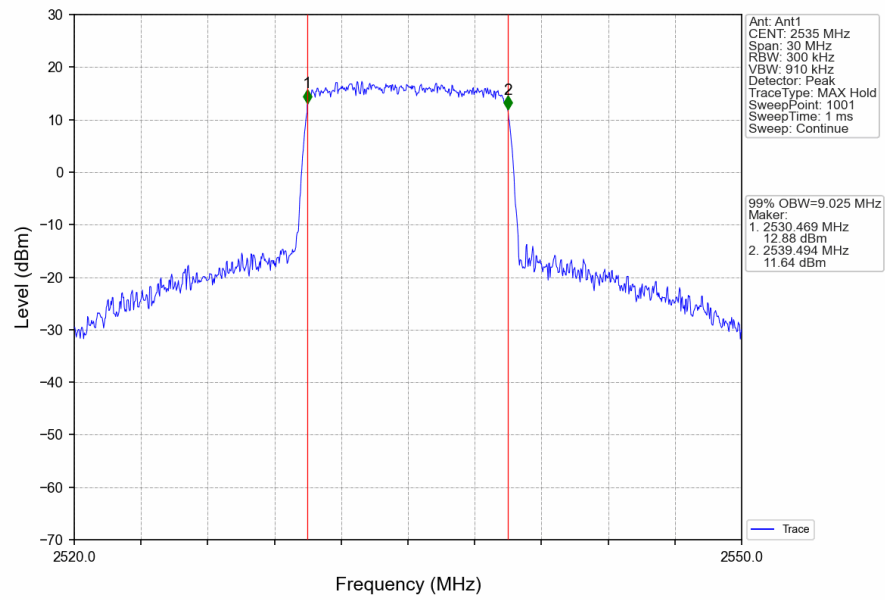
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



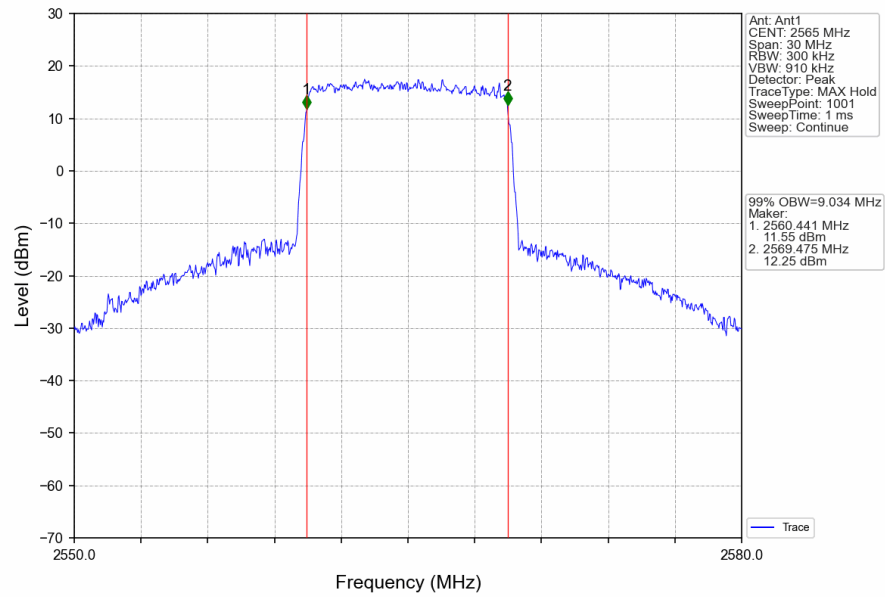
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



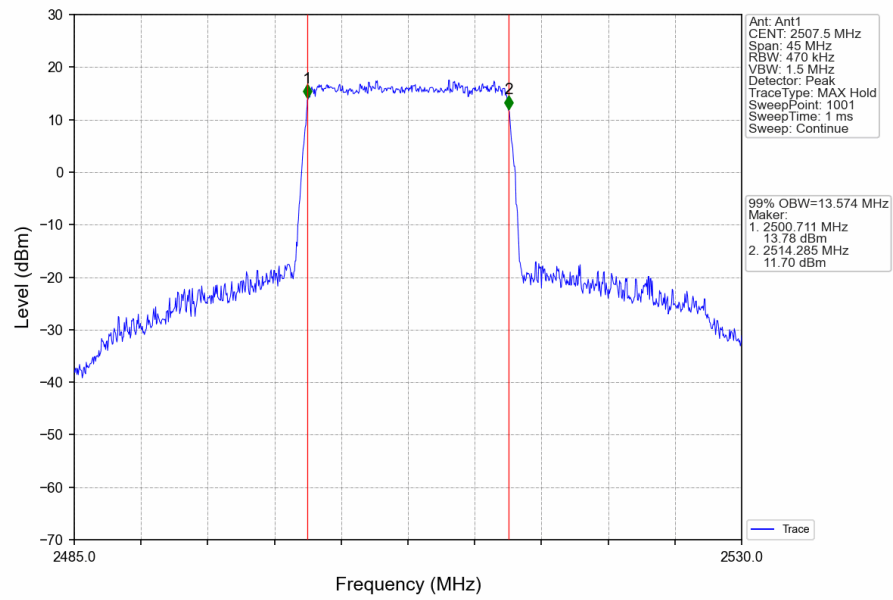
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



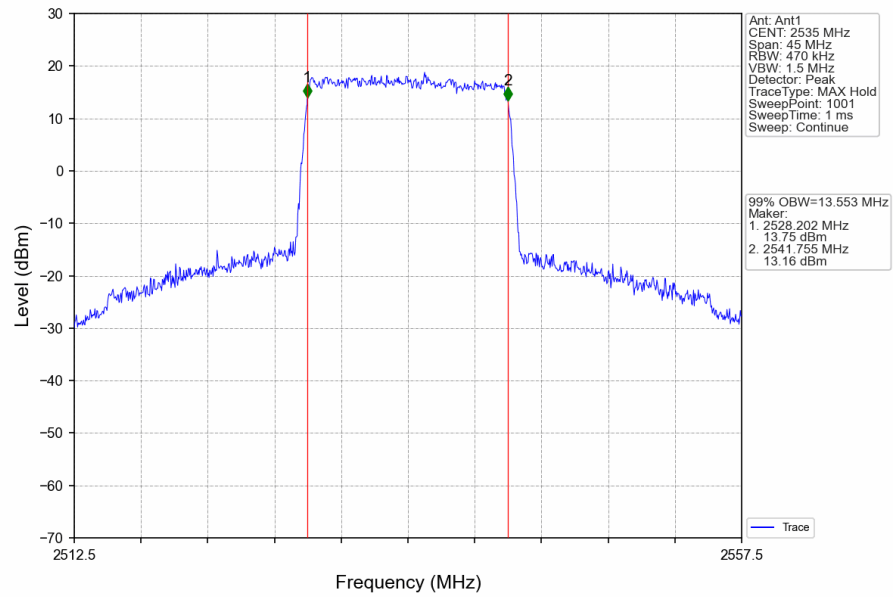
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



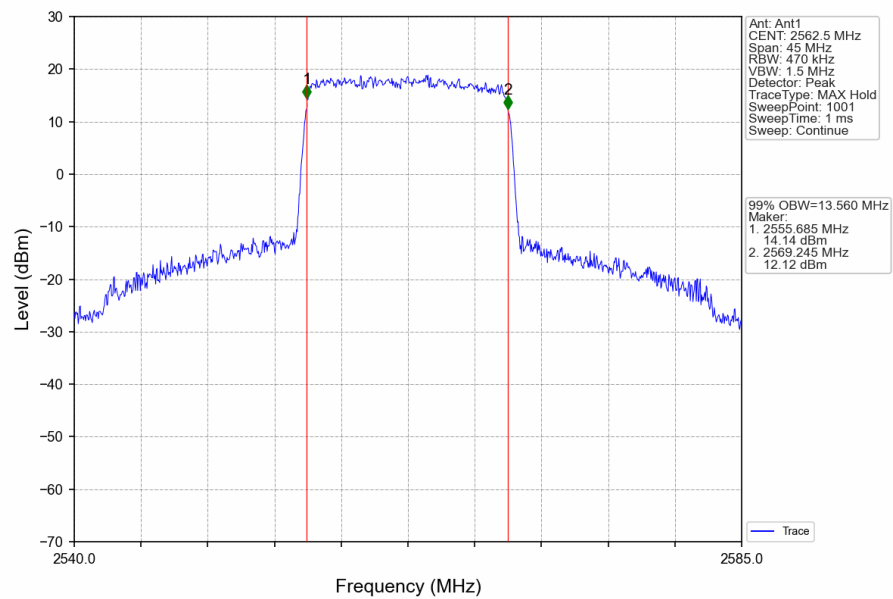
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTV



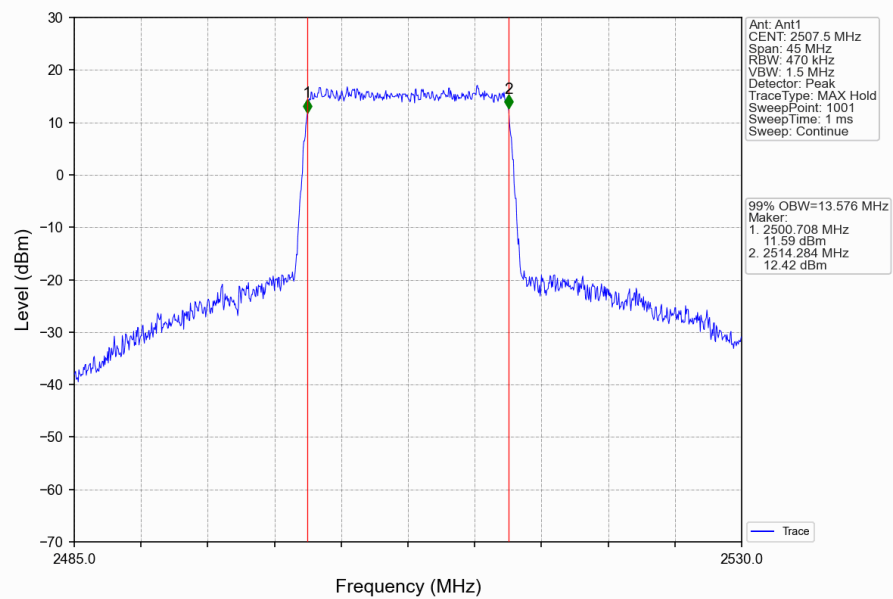
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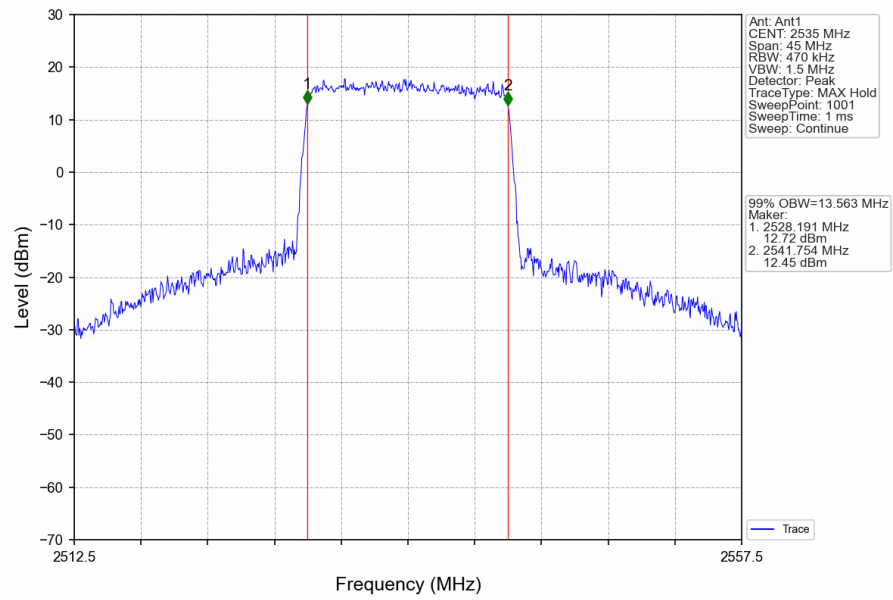
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



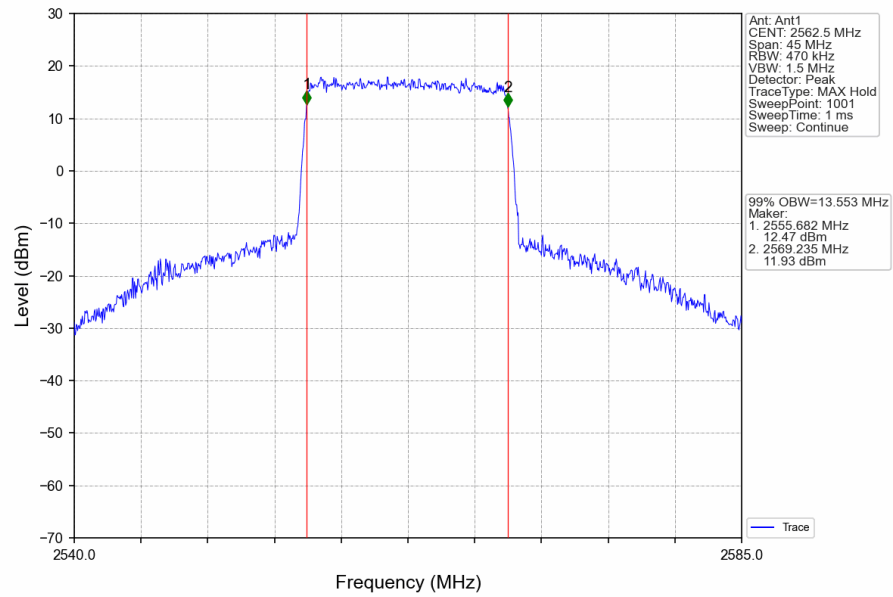
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



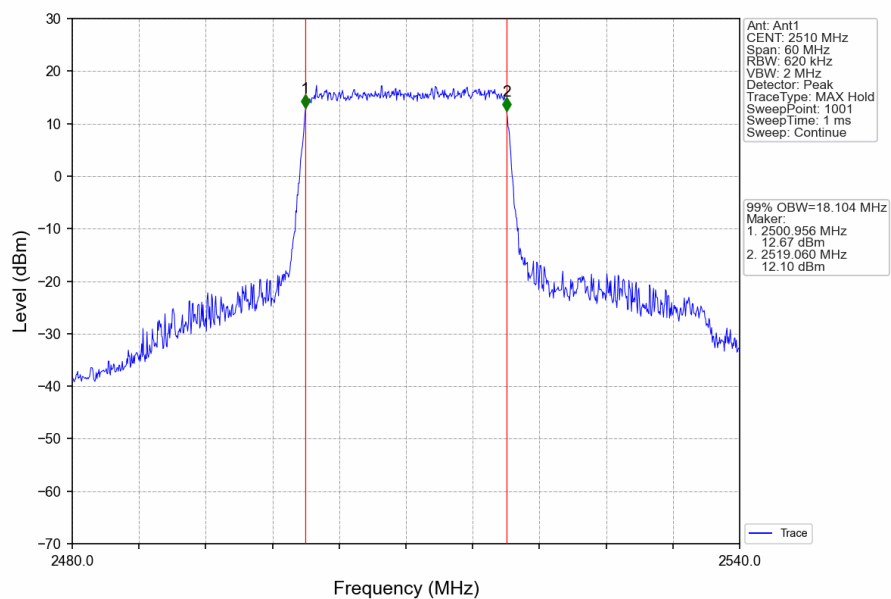
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



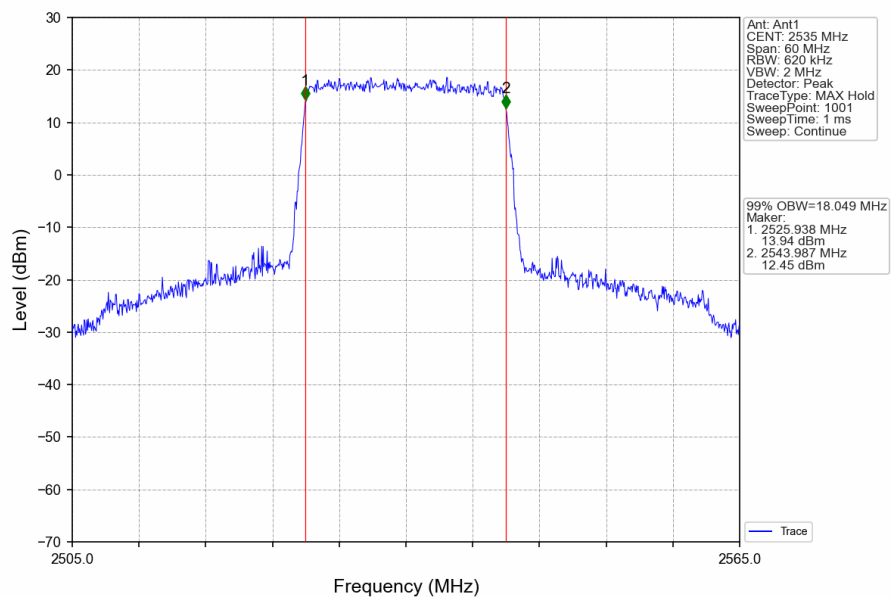
Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTNV



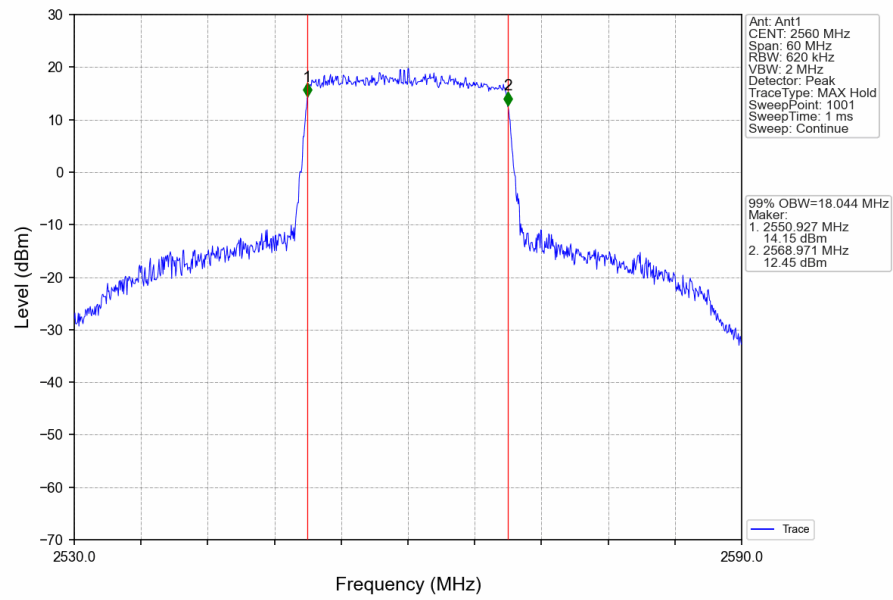
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTV



Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTV



Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV

