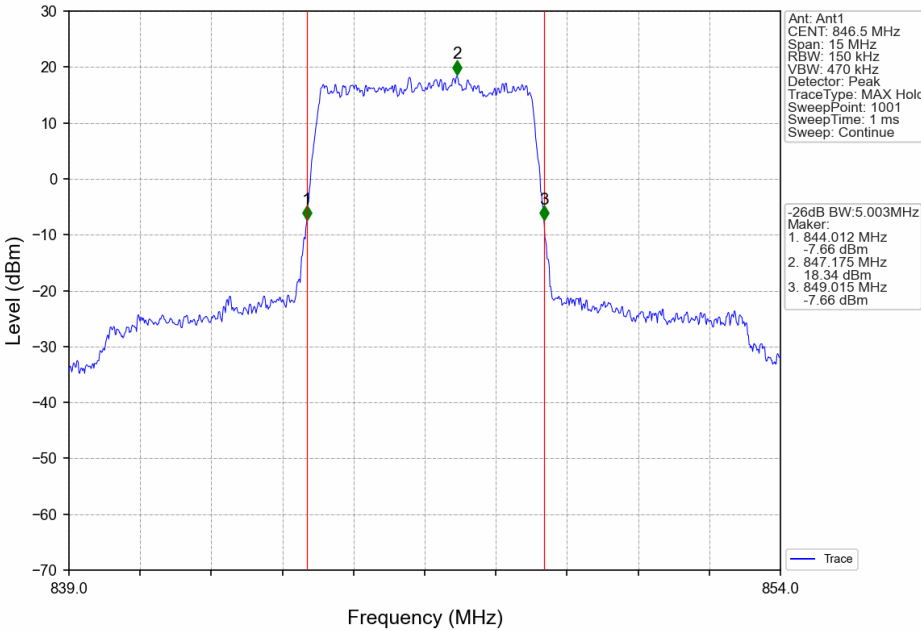
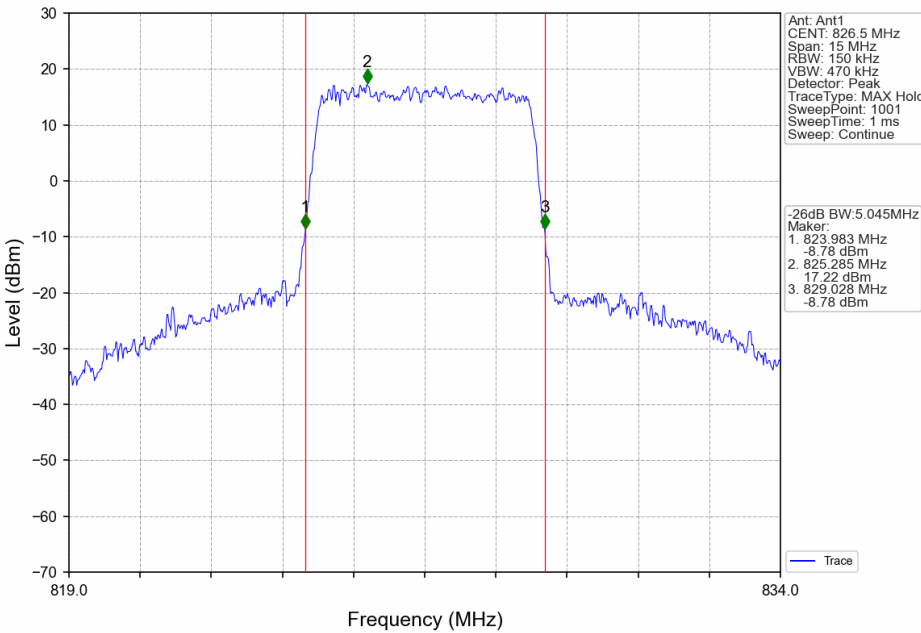


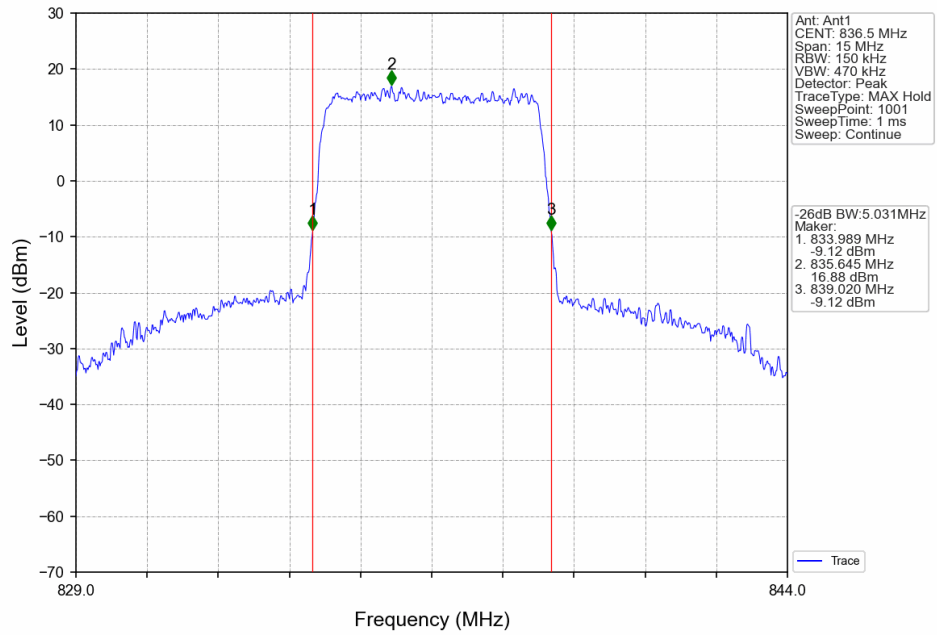
Band5 5MHz QPSK HCH 846.5MHz RB 25 0 NTN



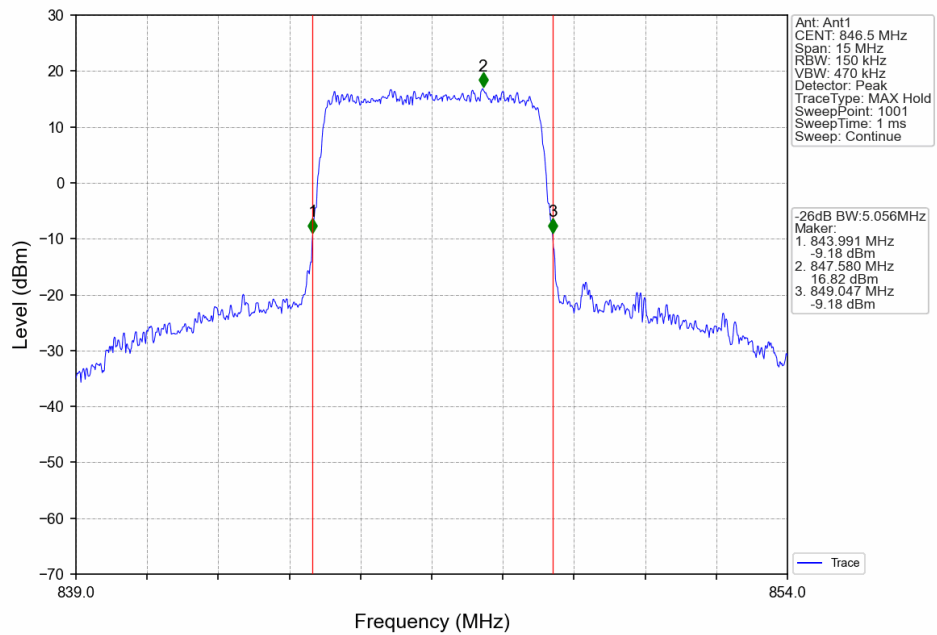
Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN



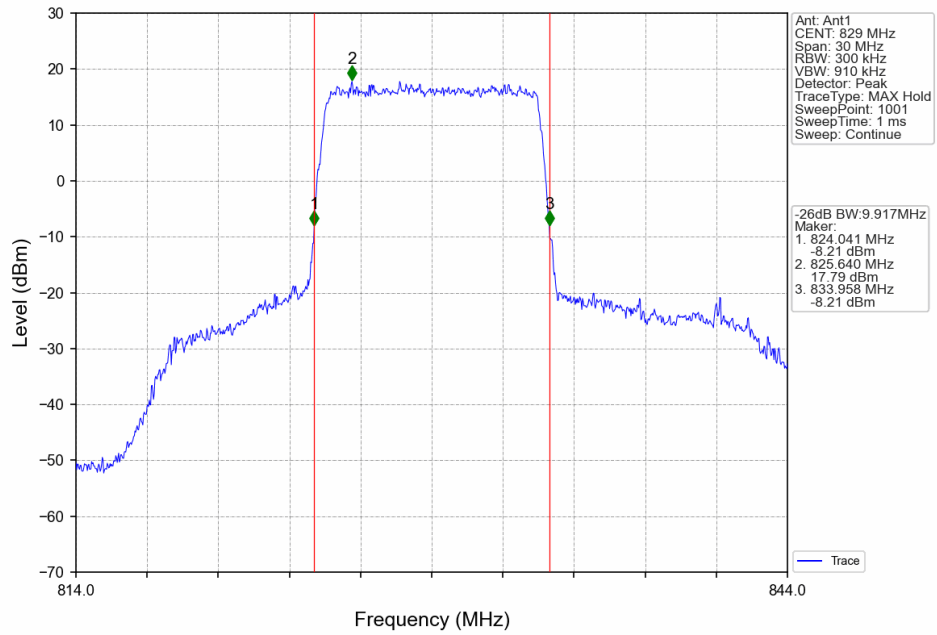
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN



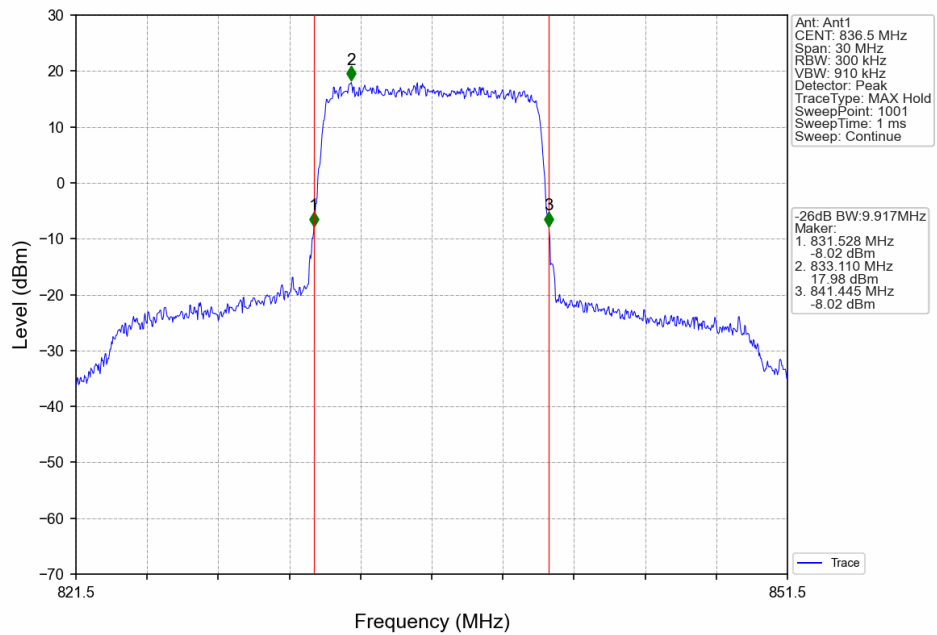
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTN



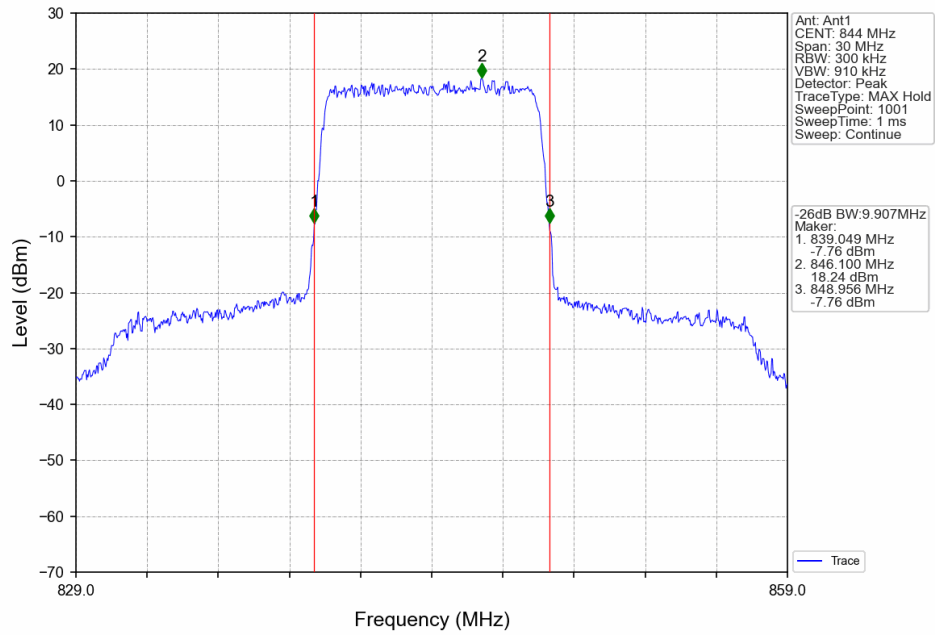
Band5 10MHz QPSK LCH 829MHz RB 50 0 NTNV



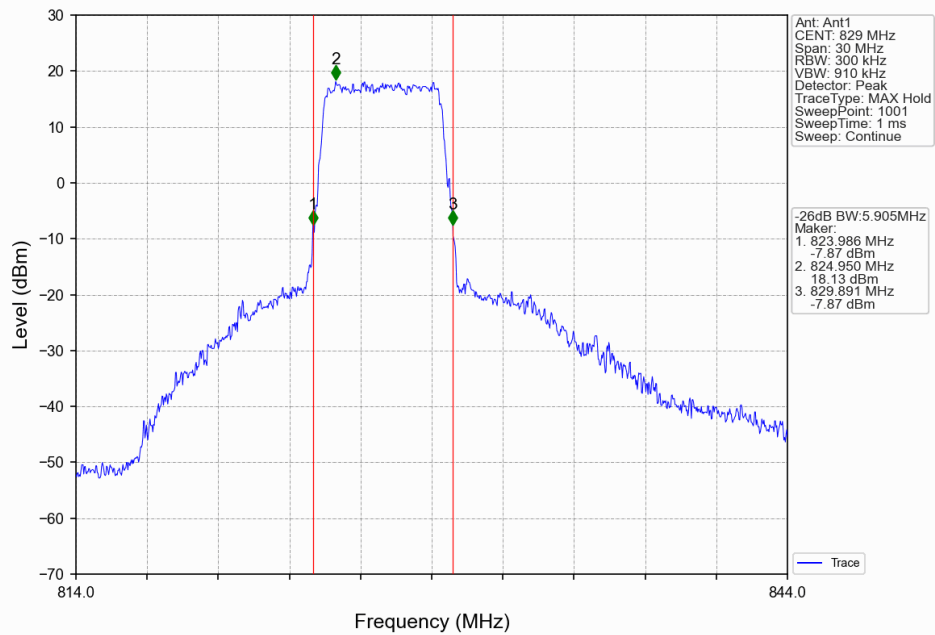
Band5 10MHz QPSK MCH 836.5MHz RB 50 0 NTNV



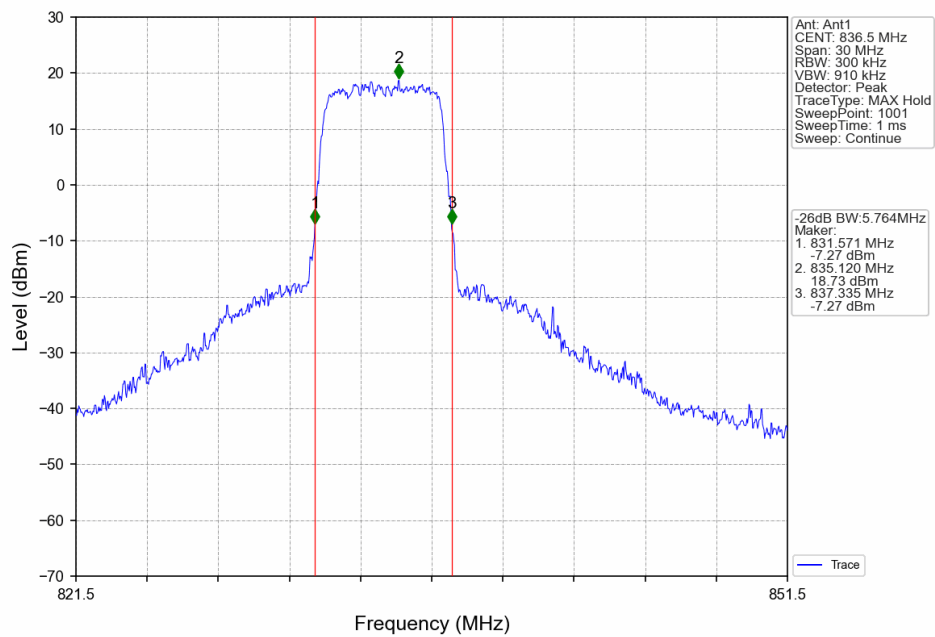
Band5 10MHz QPSK HCH 844MHz RB 50 0 NTNV



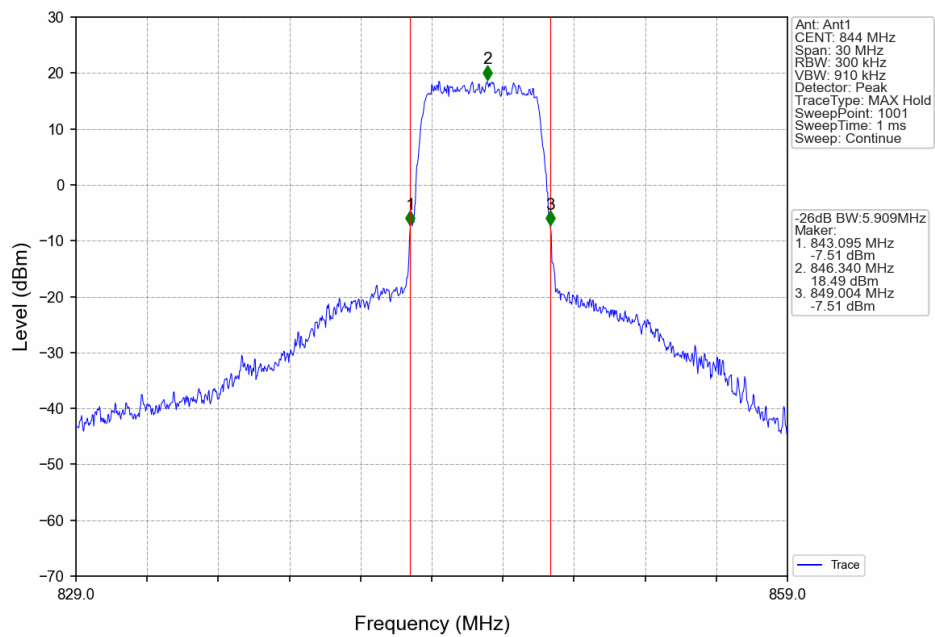
Band5 10MHz 16QAM LCH 829MHz RB 27 0 NTNV



Band5 10MHz 16QAM MCH 836.5MHz RB 27 0 NTN



Band5 10MHz 16QAM HCH 844MHz RB 27 23 NTN



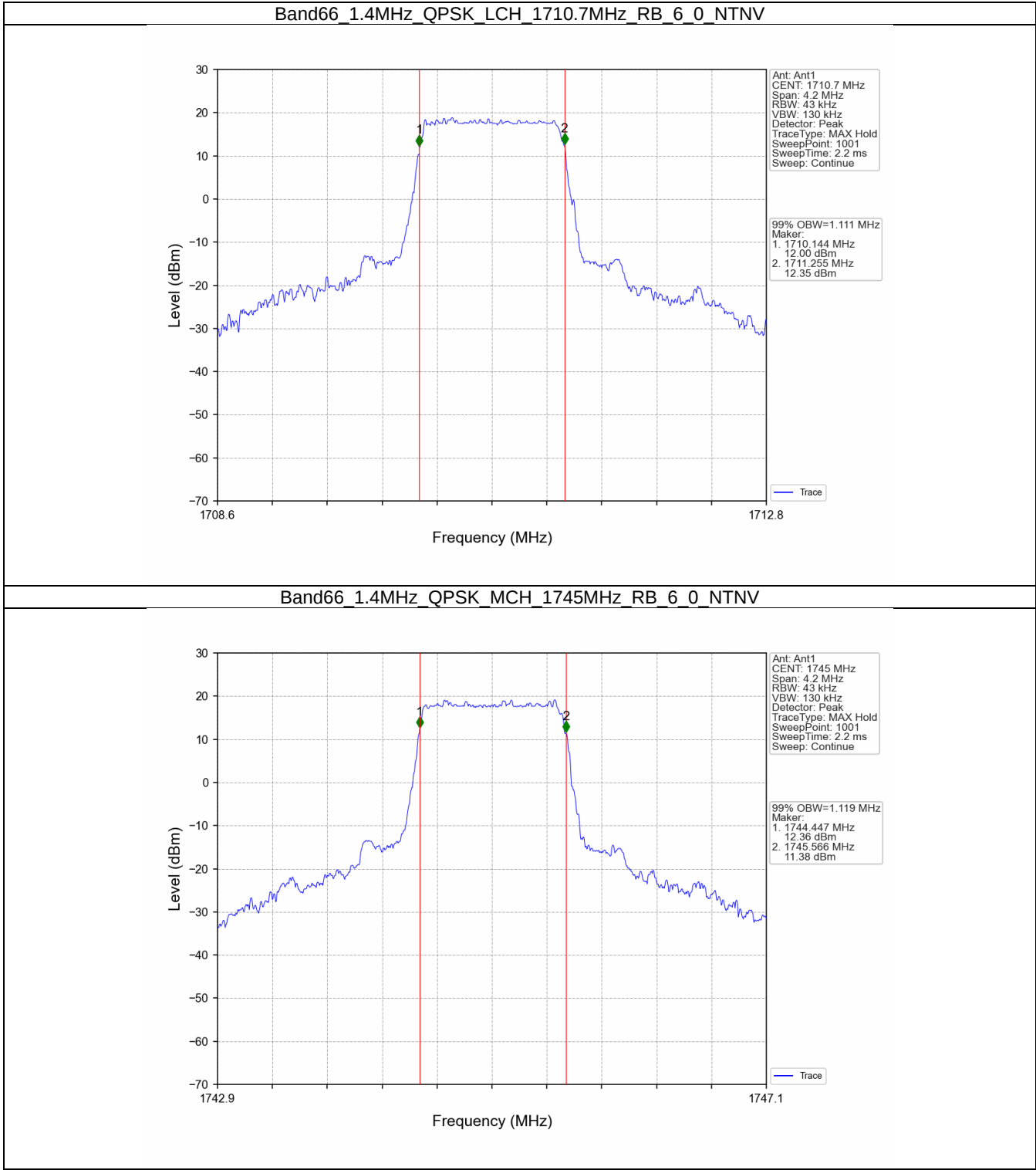
8. 99% & 26dB Bandwidth

8.1 Band66_OBW

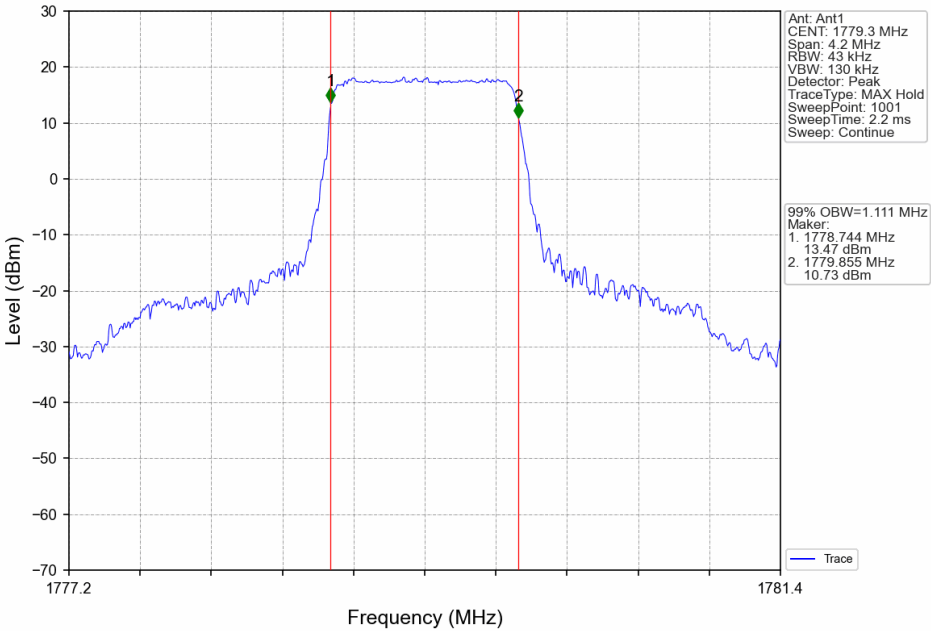
8.1.1 Test Result

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	1.111	Pass
		1745	6	0	1.119	Pass
		1779.3	6	0	1.111	Pass
	16QAM	1710.7	6	0	1.101	Pass
		1745	6	0	1.115	Pass
		1779.3	6	0	1.114	Pass
3	QPSK	1711.5	15	0	2.739	Pass
		1745	15	0	2.747	Pass
		1778.5	15	0	2.738	Pass
	16QAM	1711.5	15	0	2.738	Pass
		1745	15	0	2.737	Pass
		1778.5	15	0	2.732	Pass
5	QPSK	1712.5	25	0	4.569	Pass
		1745	25	0	4.540	Pass
		1777.5	25	0	4.545	Pass
	16QAM	1712.5	25	0	4.527	Pass
		1745	25	0	4.559	Pass
		1777.5	25	0	4.553	Pass
10	QPSK	1715	50	0	9.060	Pass
		1745	50	0	8.998	Pass
		1775	50	0	9.021	Pass
	16QAM	1715	27	0	5.053	Pass
		1745	27	0	5.067	Pass
		1775	27	23	5.051	Pass
15	QPSK	1717.5	75	0	13.521	Pass
		1745	75	0	13.544	Pass
		1772.5	75	0	13.539	Pass
	16QAM	1717.5	27	0	5.280	Pass
		1745	27	0	5.257	Pass
		1772.5	27	48	5.225	Pass
20	QPSK	1720	100	0	18.072	Pass
		1745	100	0	18.046	Pass
		1770	100	0	18.084	Pass
	16QAM	1720	27	0	5.431	Pass
		1745	27	0	5.417	Pass
		1770	27	73	5.431	Pass

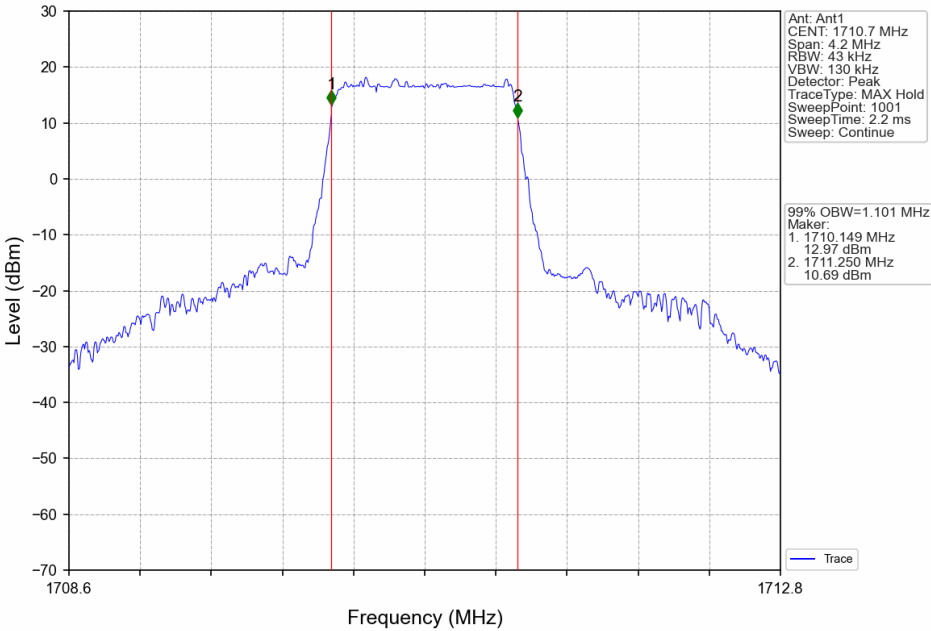
8.1.2 Test Graph



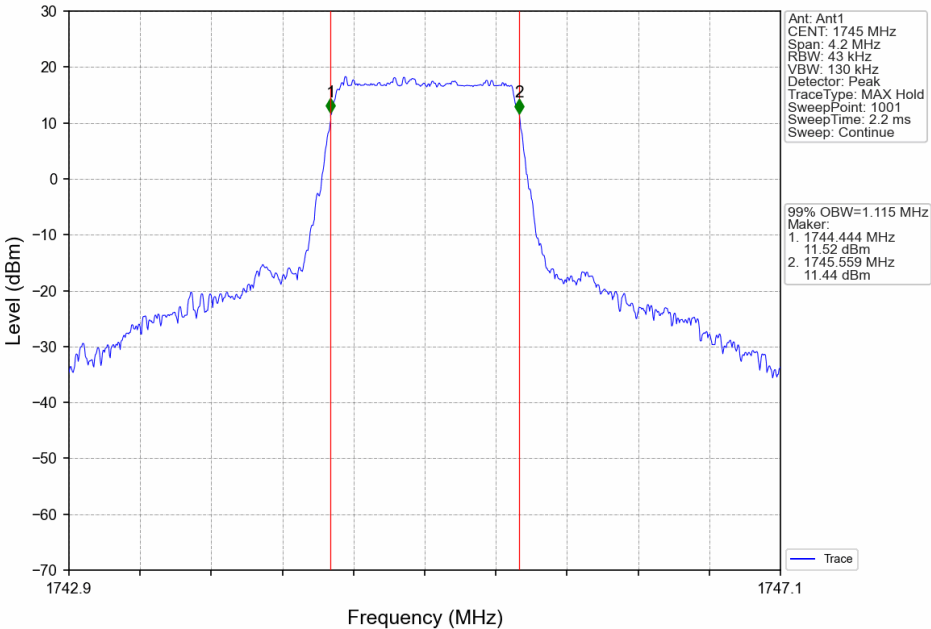
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



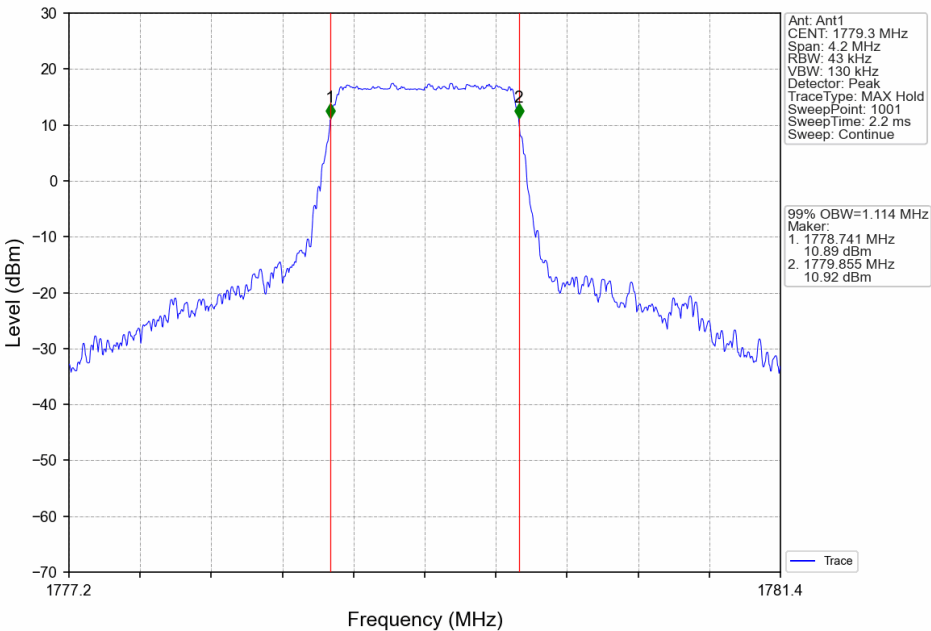
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



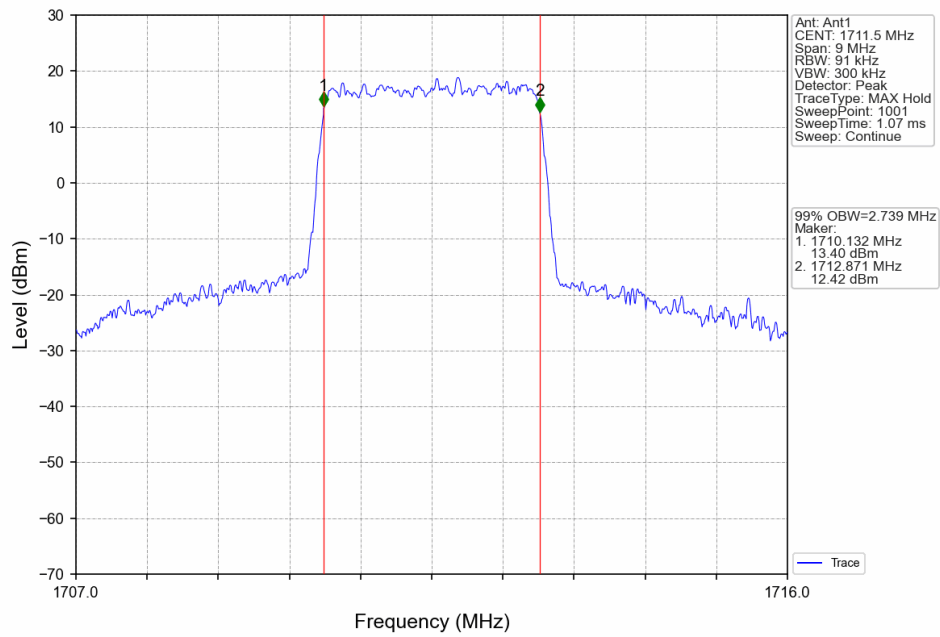
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



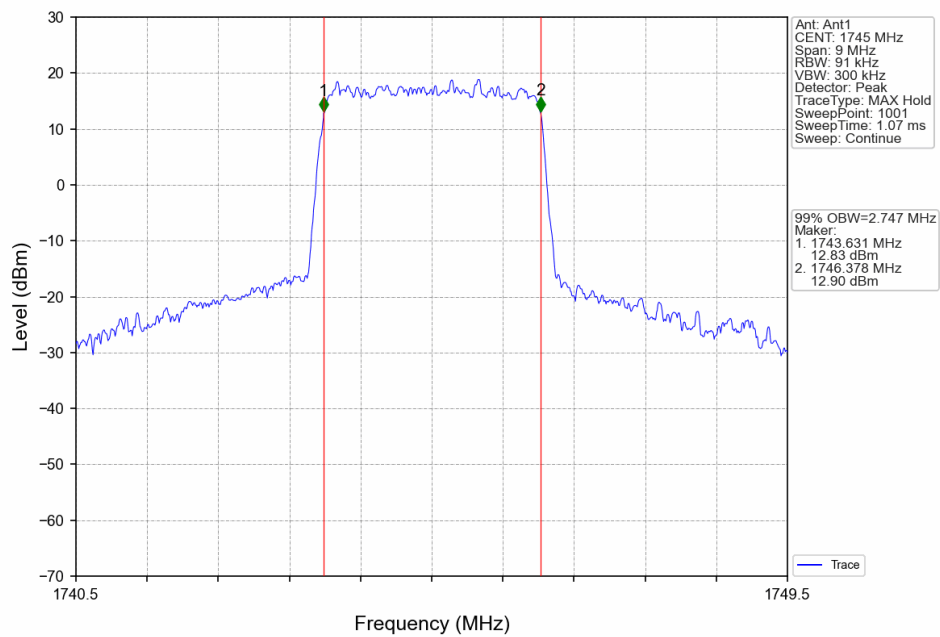
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



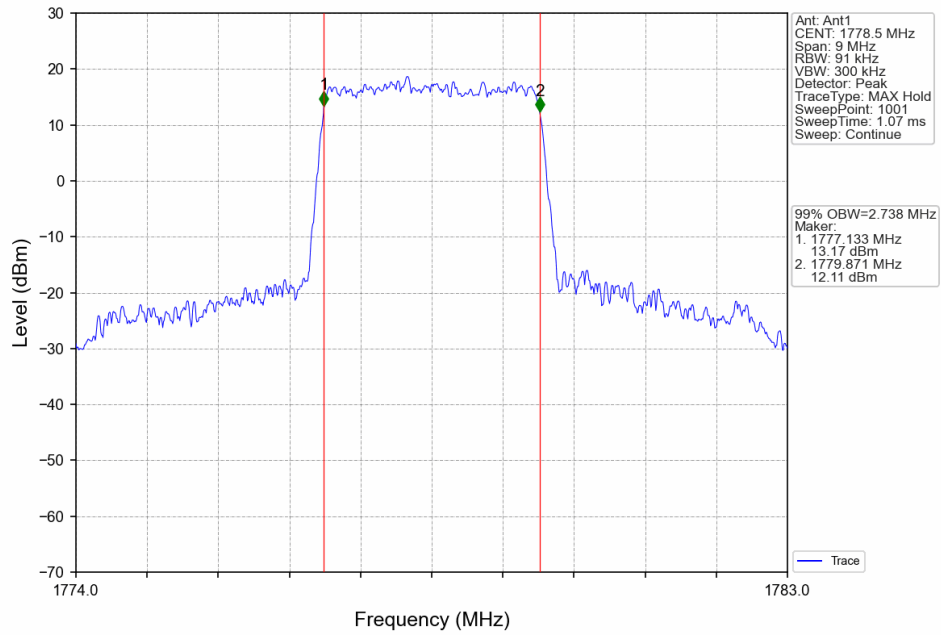
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



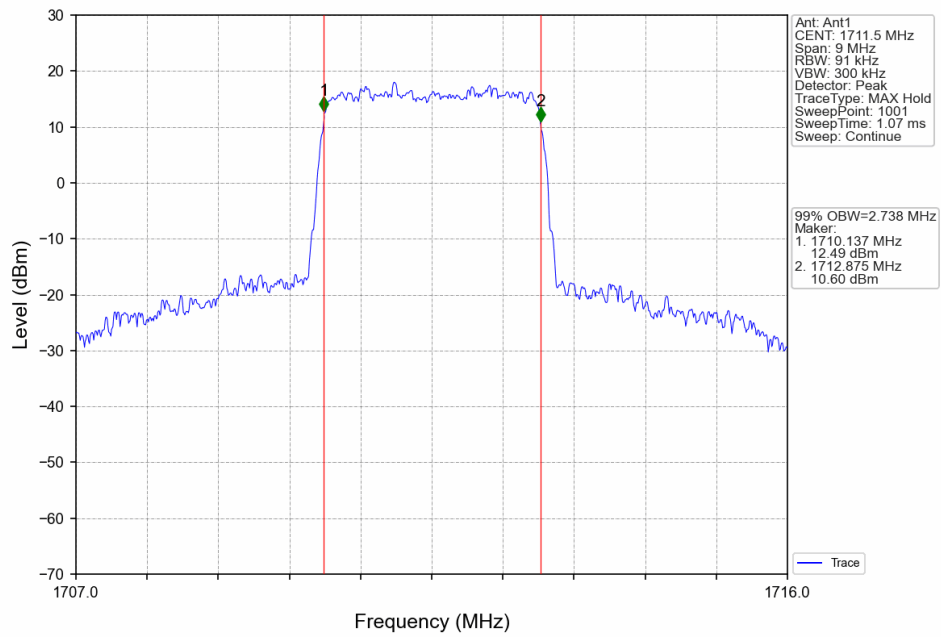
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



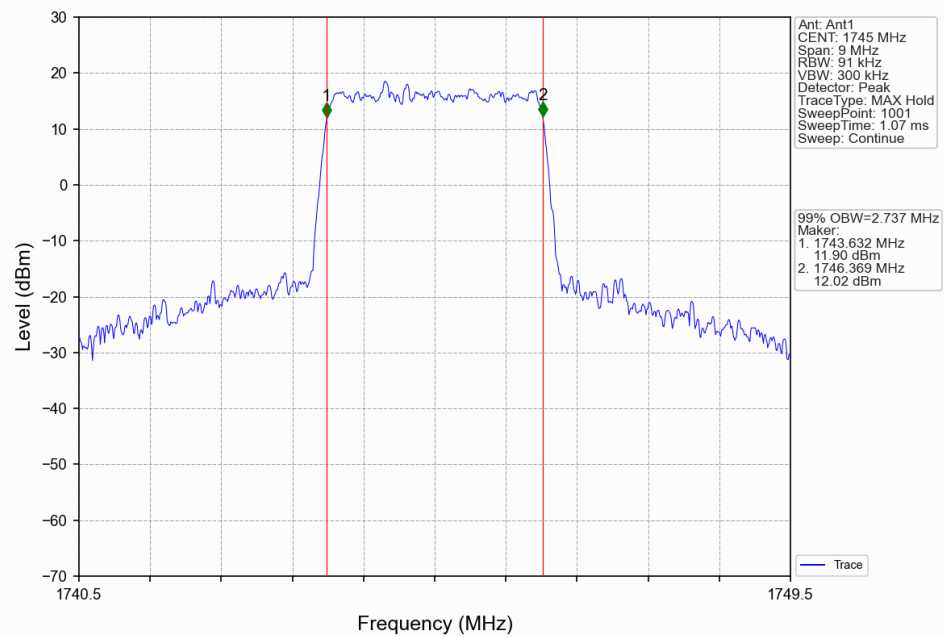
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



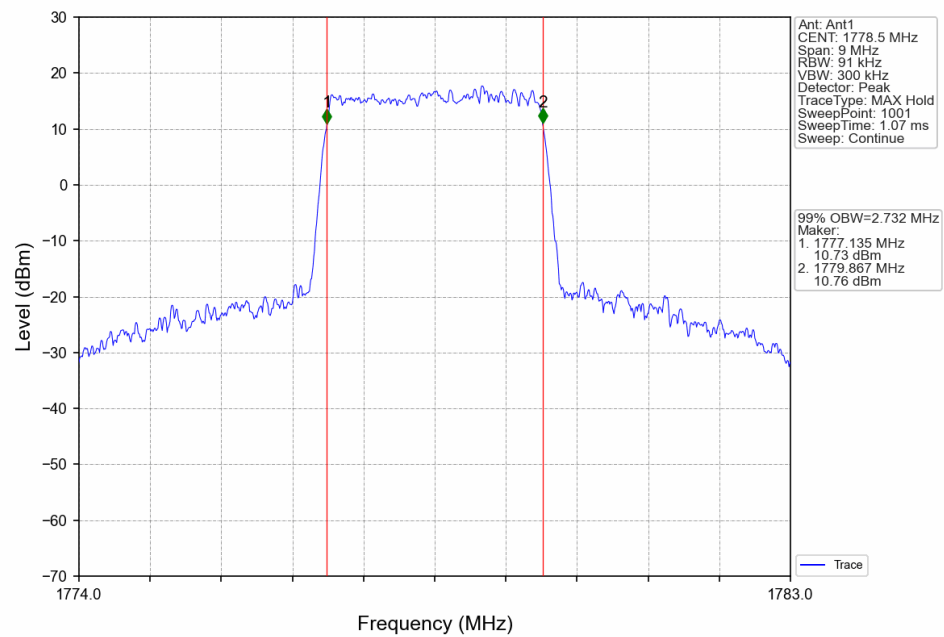
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



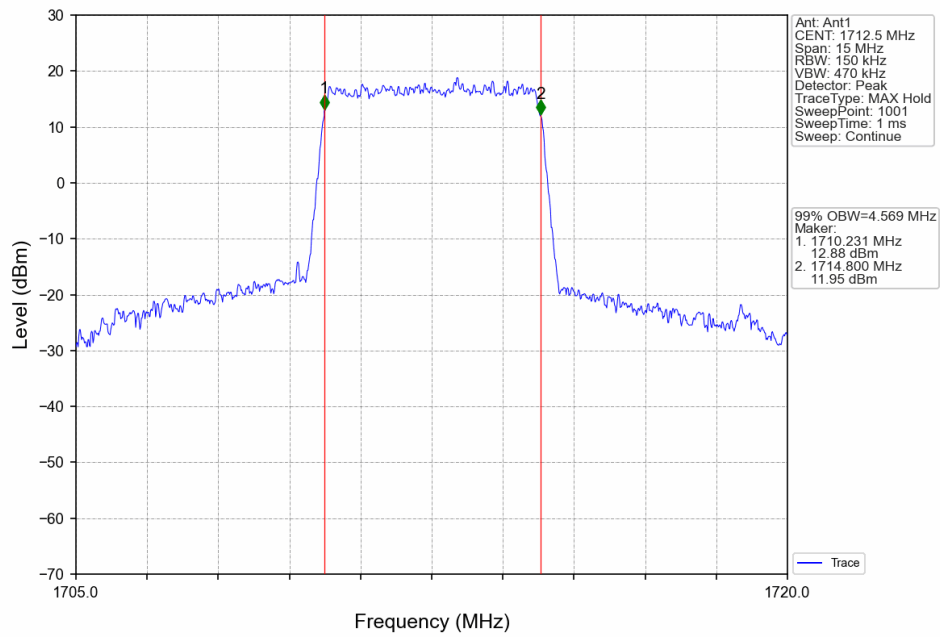
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



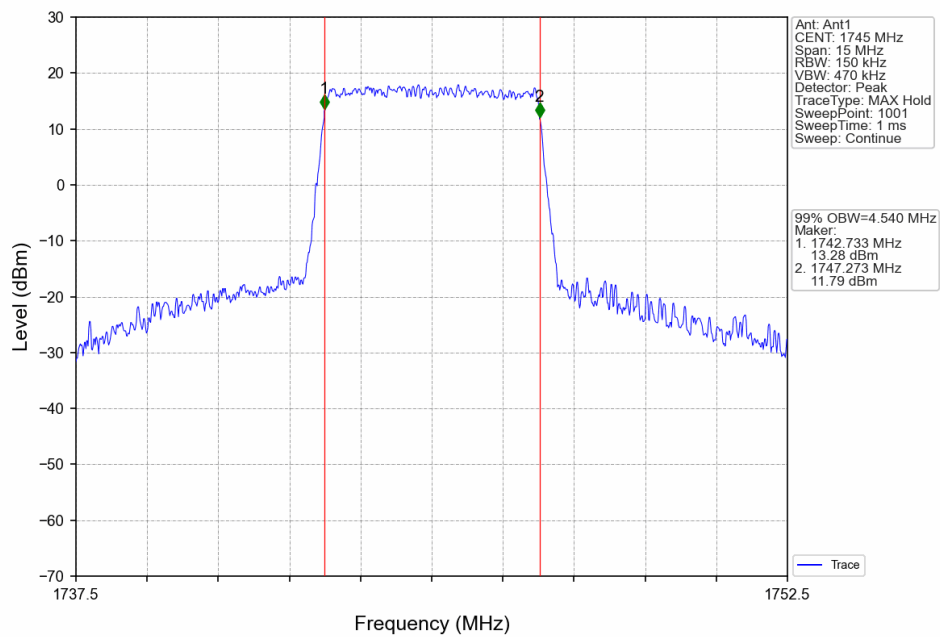
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



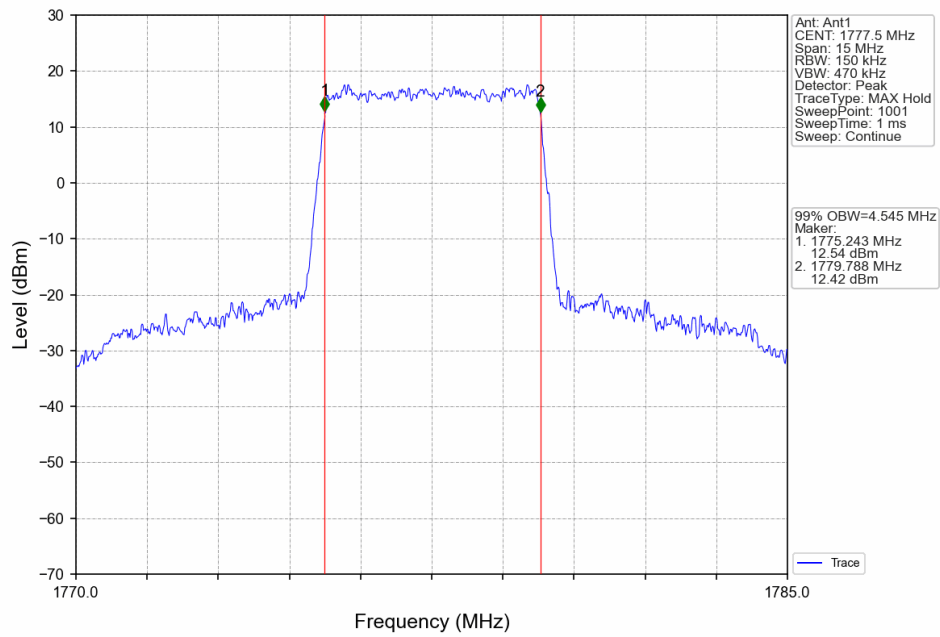
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



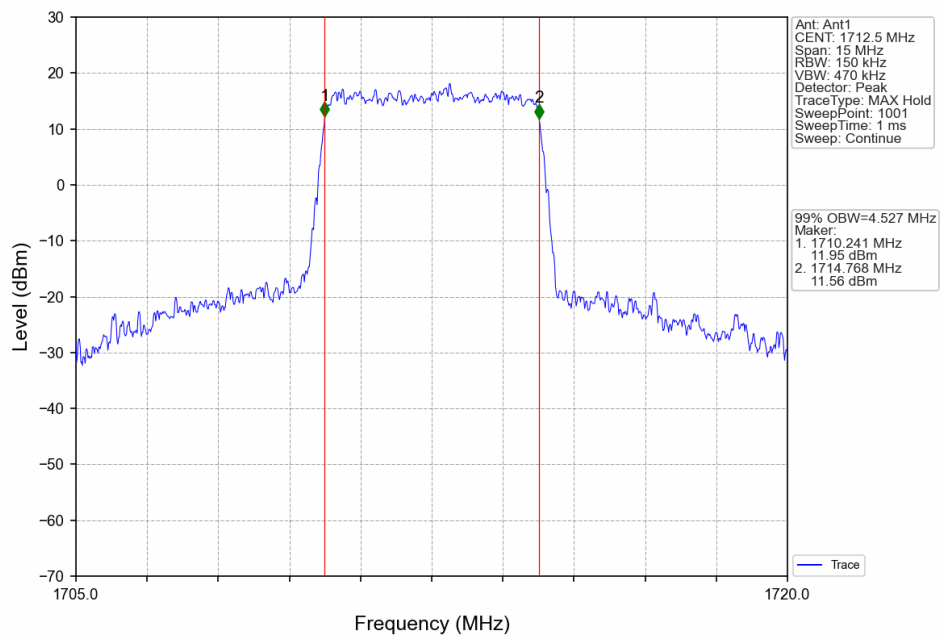
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



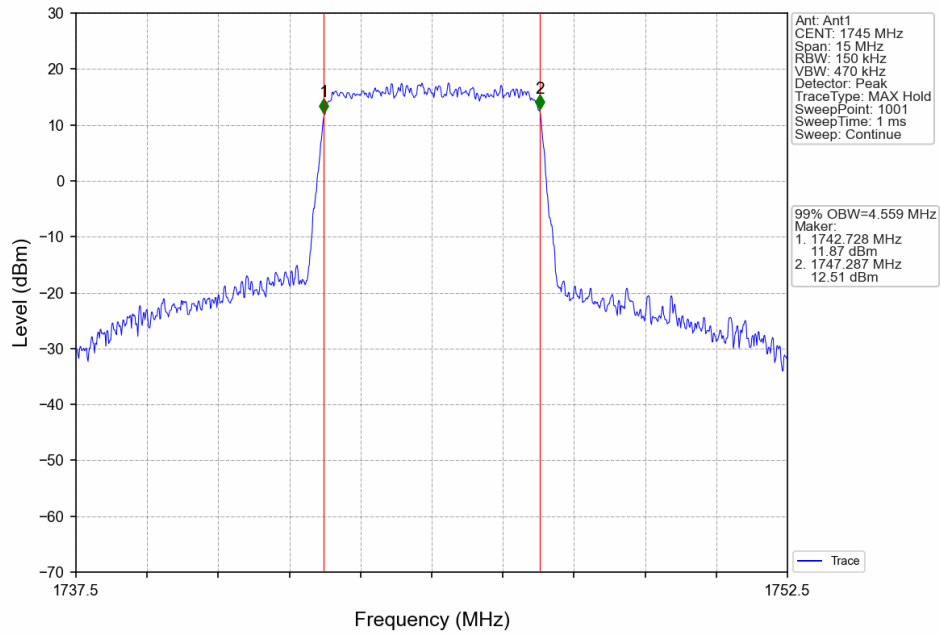
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



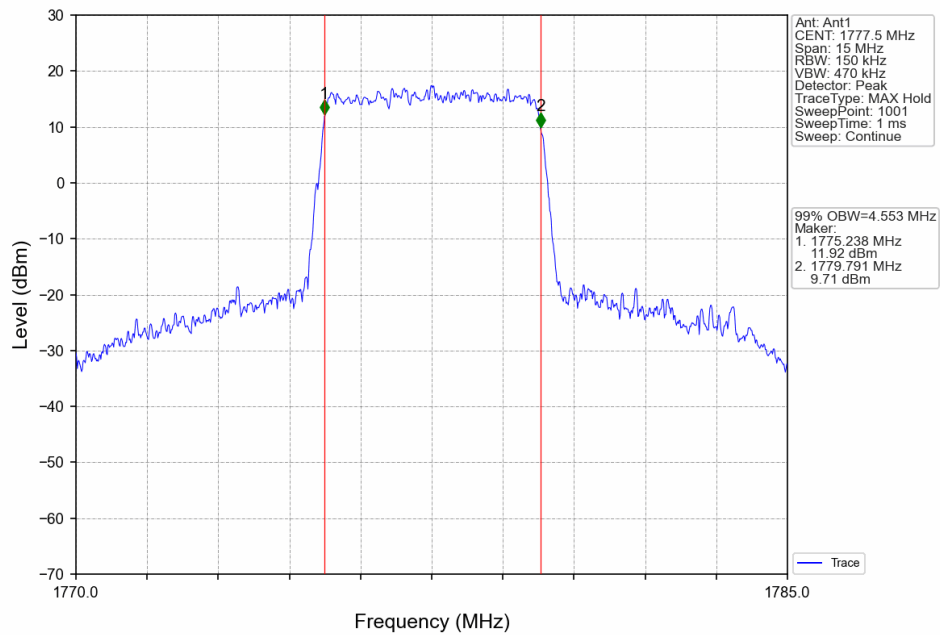
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



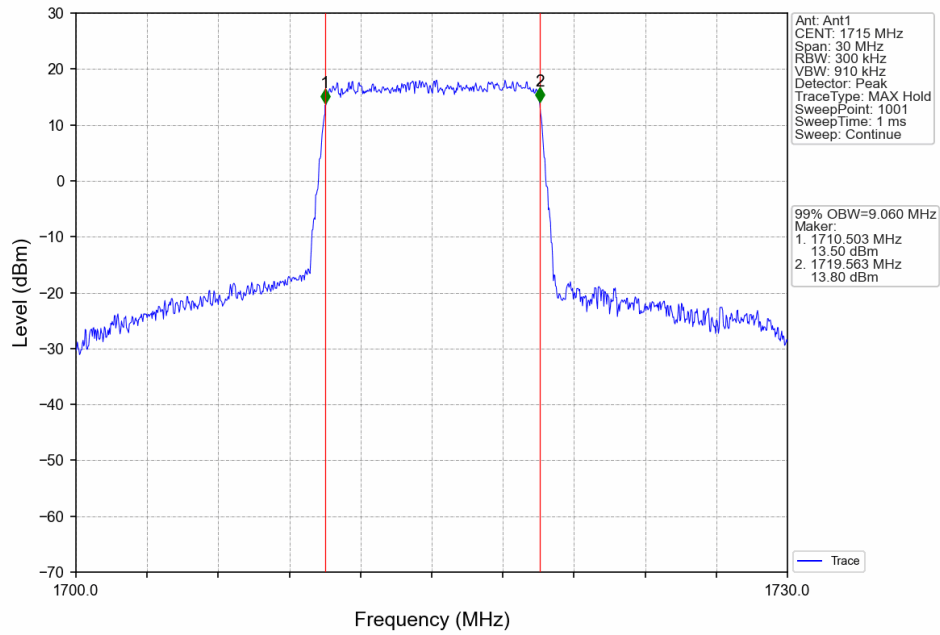
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



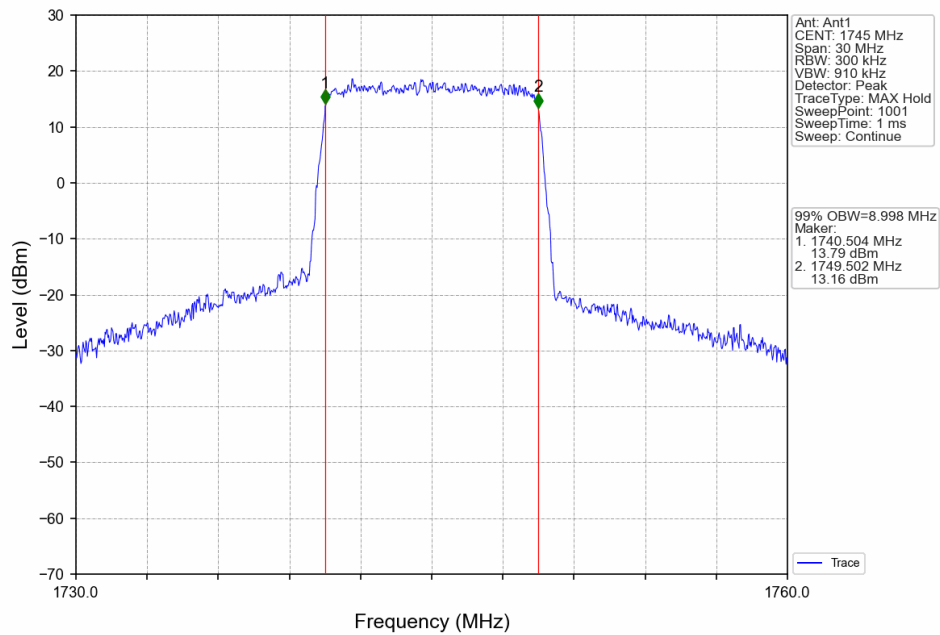
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



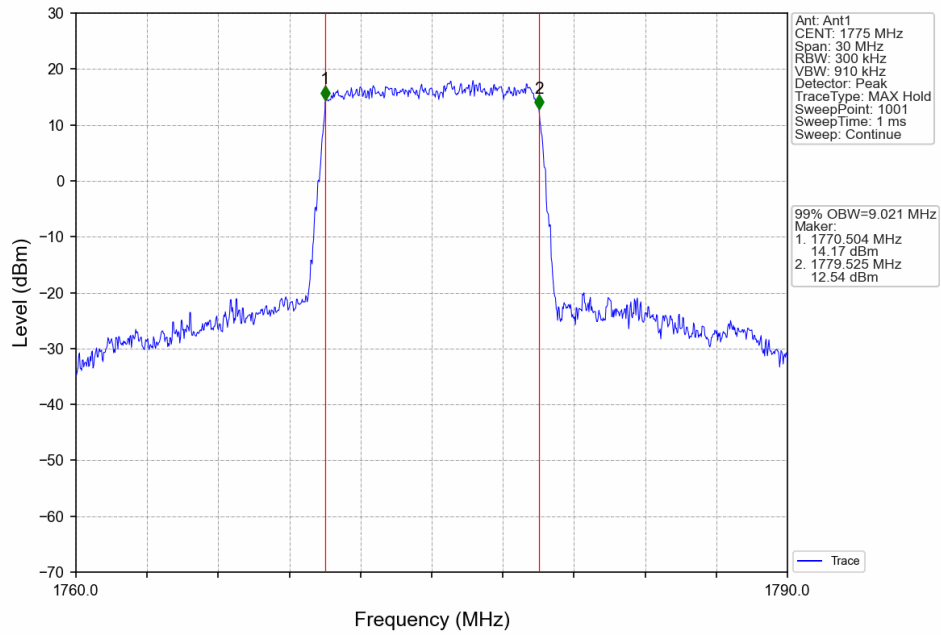
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



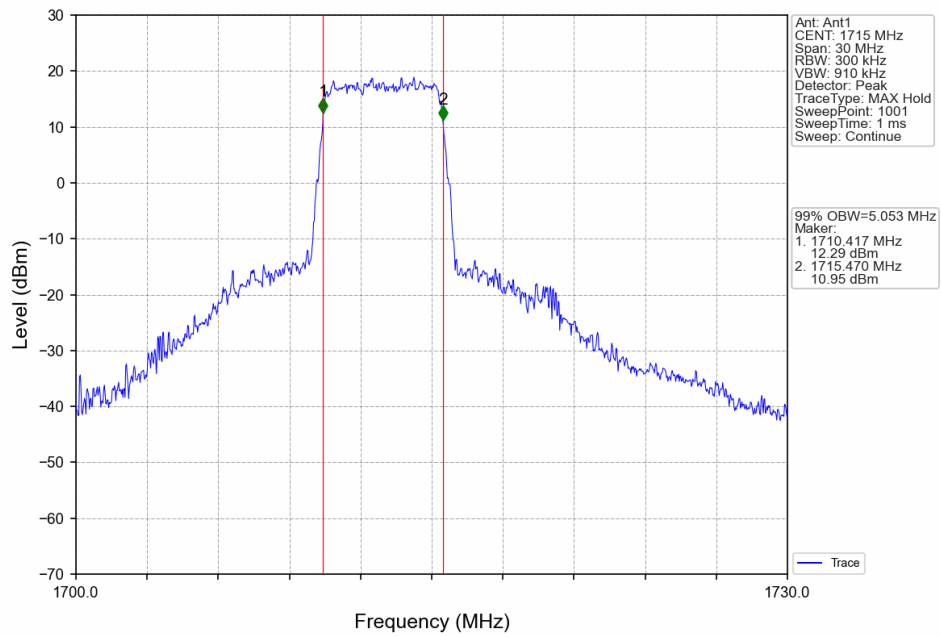
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



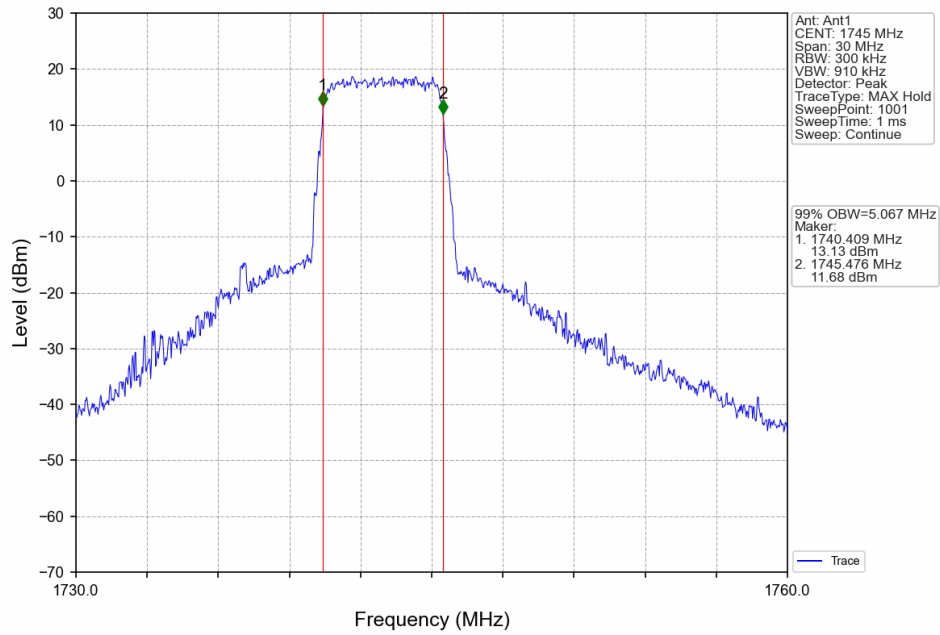
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



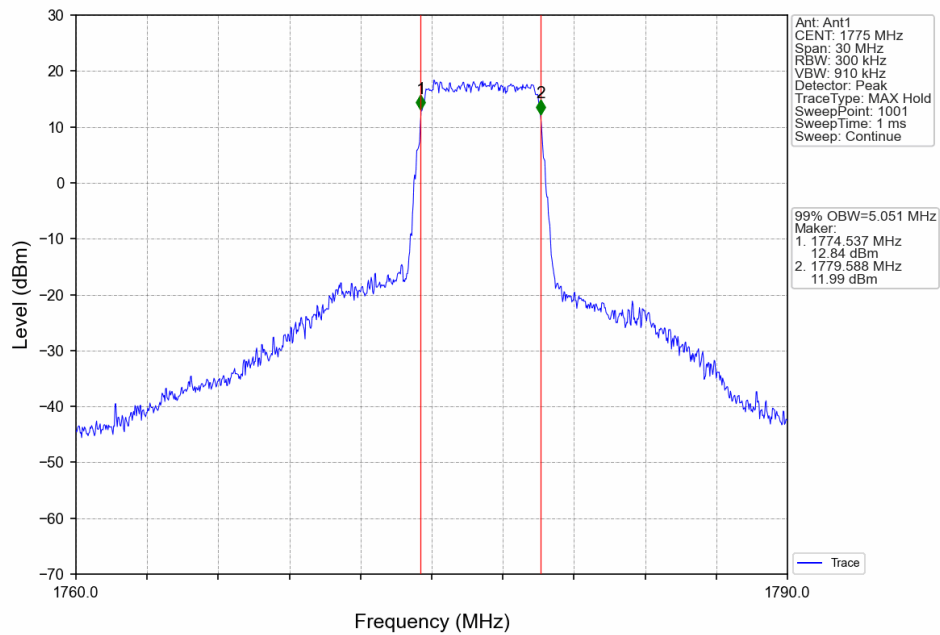
Band66 10MHz 16QAM LCH 1715MHz RB 27 0 NTNV



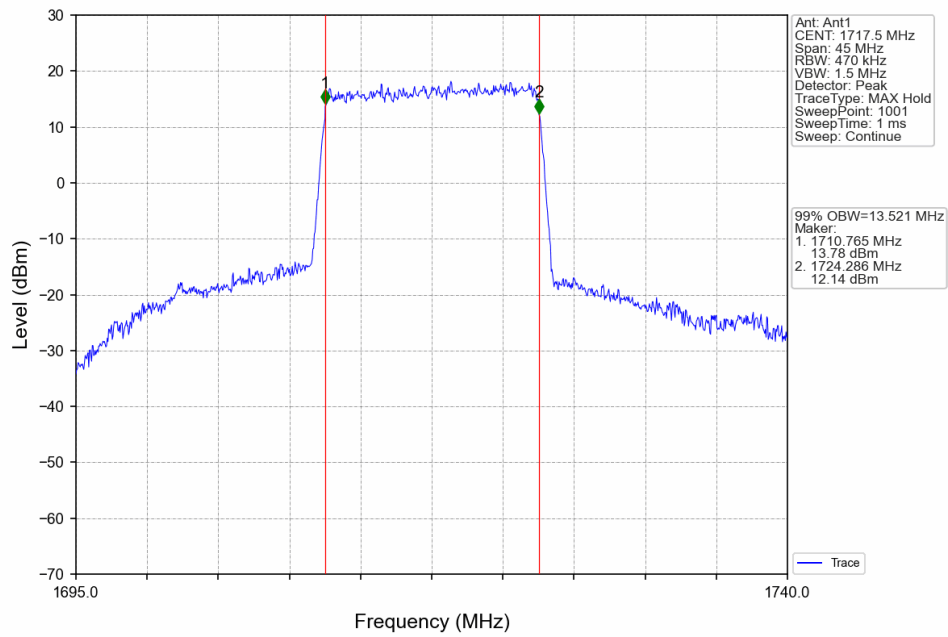
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTNV



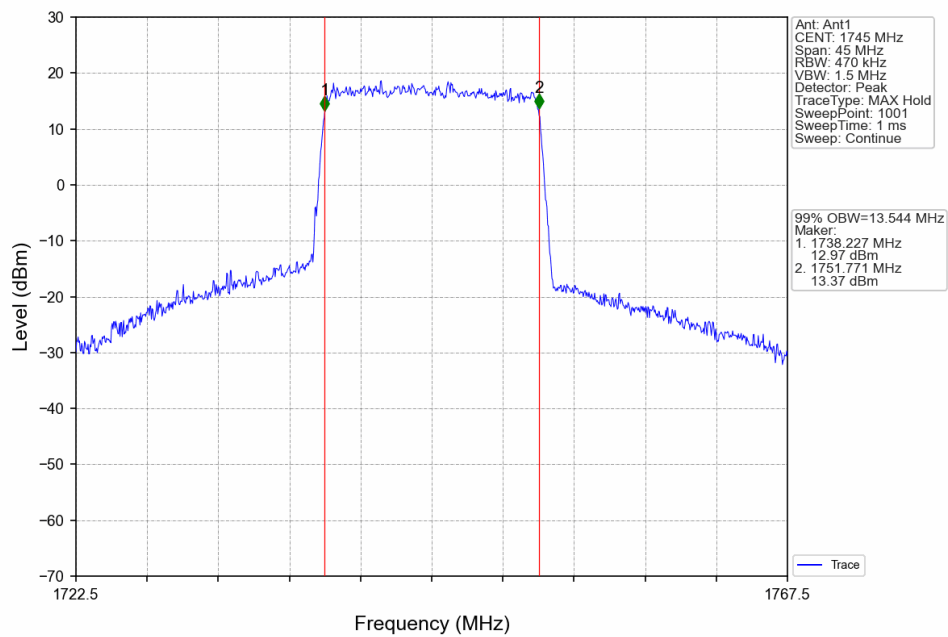
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTNV



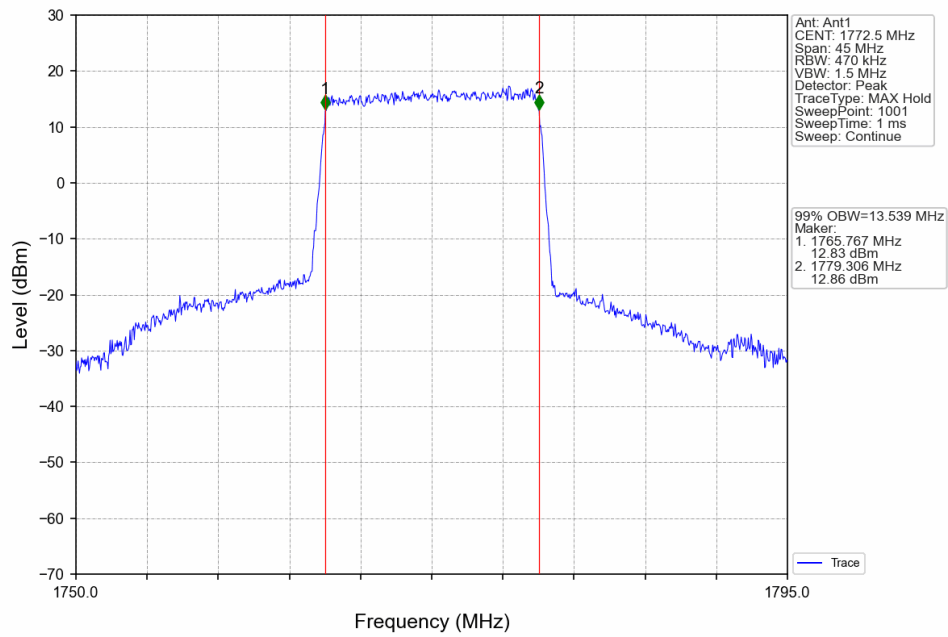
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



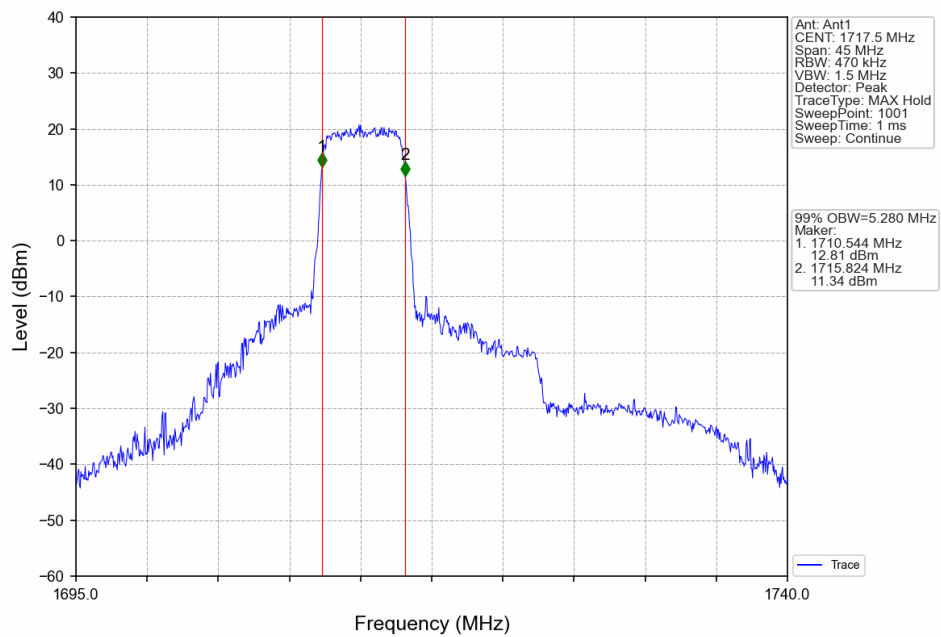
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



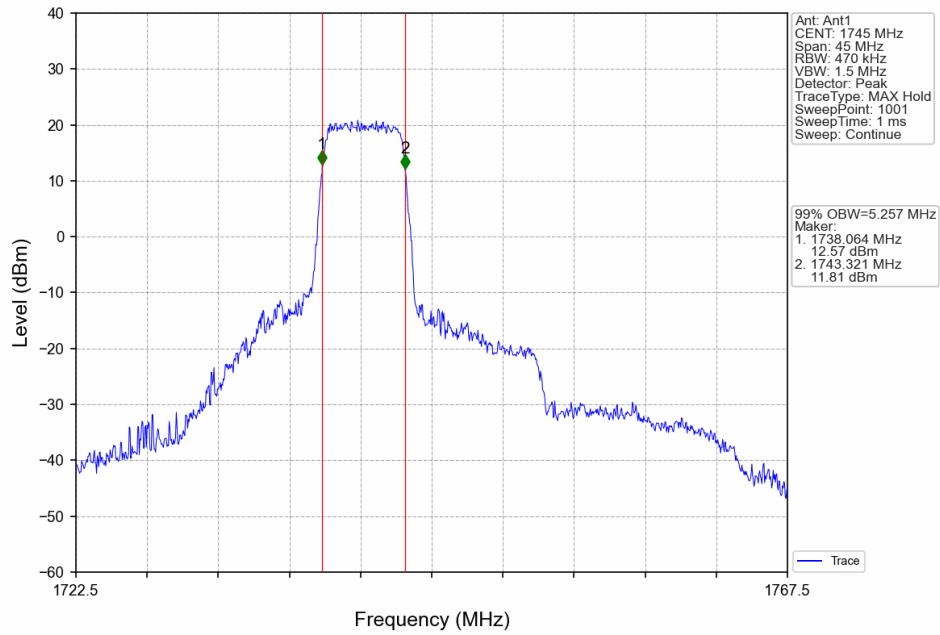
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



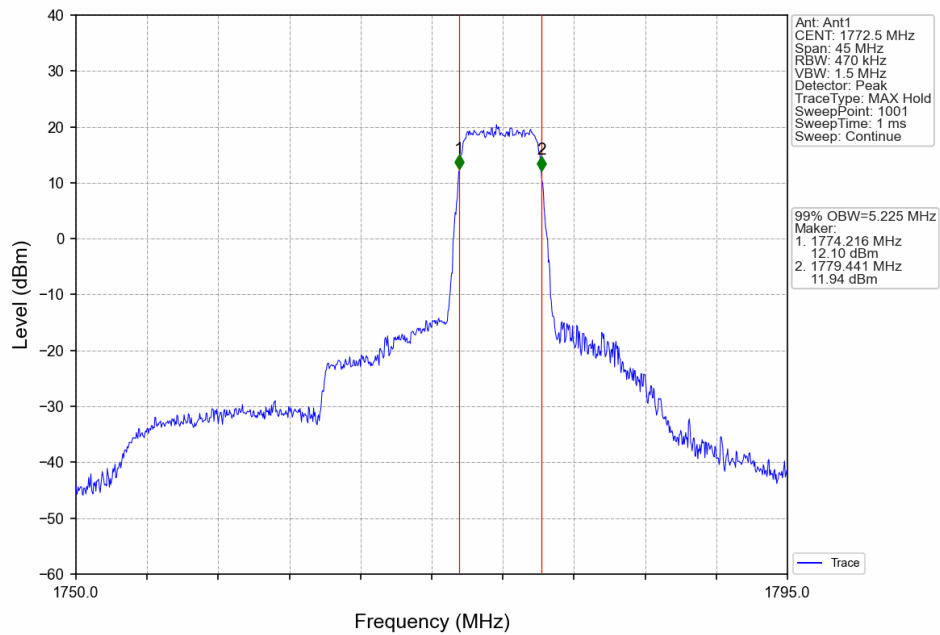
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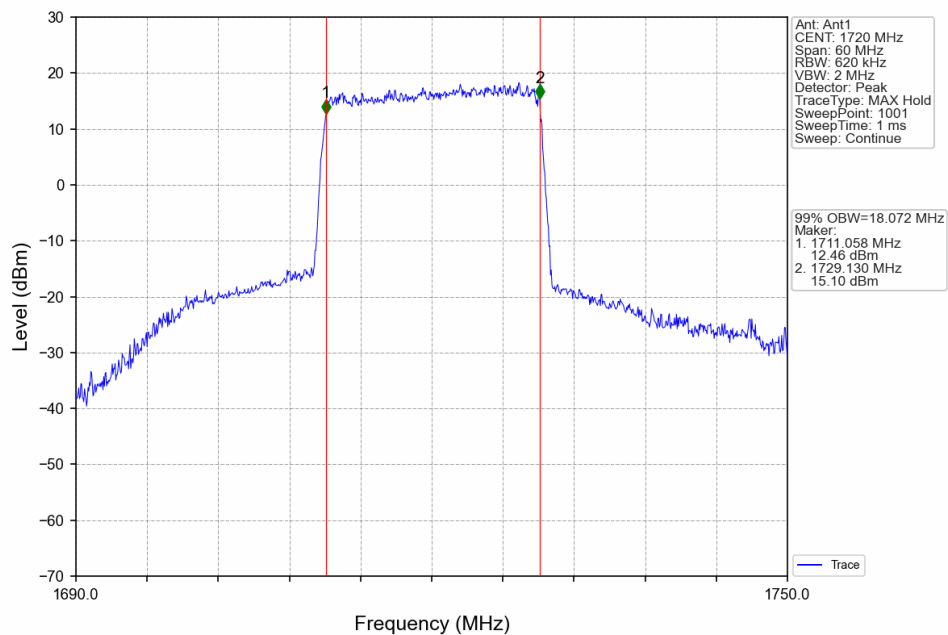
Band66 15MHz 16QAM MCH 1745MHz RB 27 0 NTNV



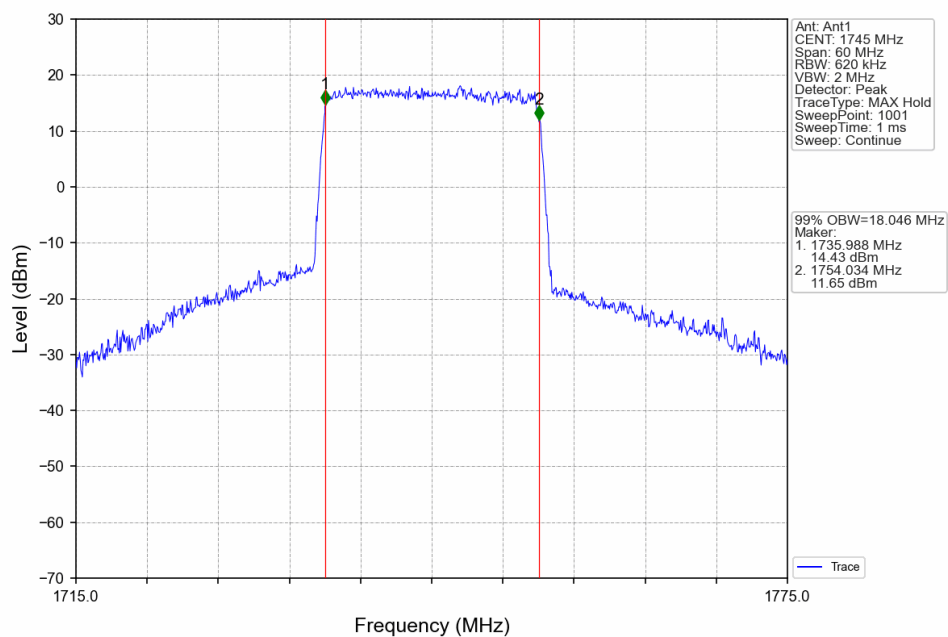
Band66 15MHz 16QAM HCH 1772.5MHz RB 27 48 NTNV



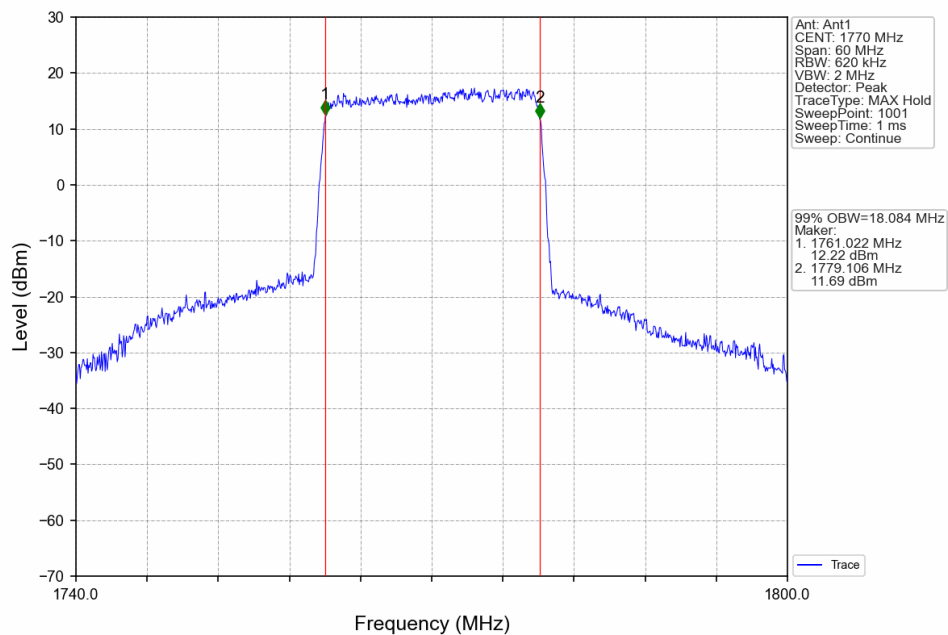
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTV



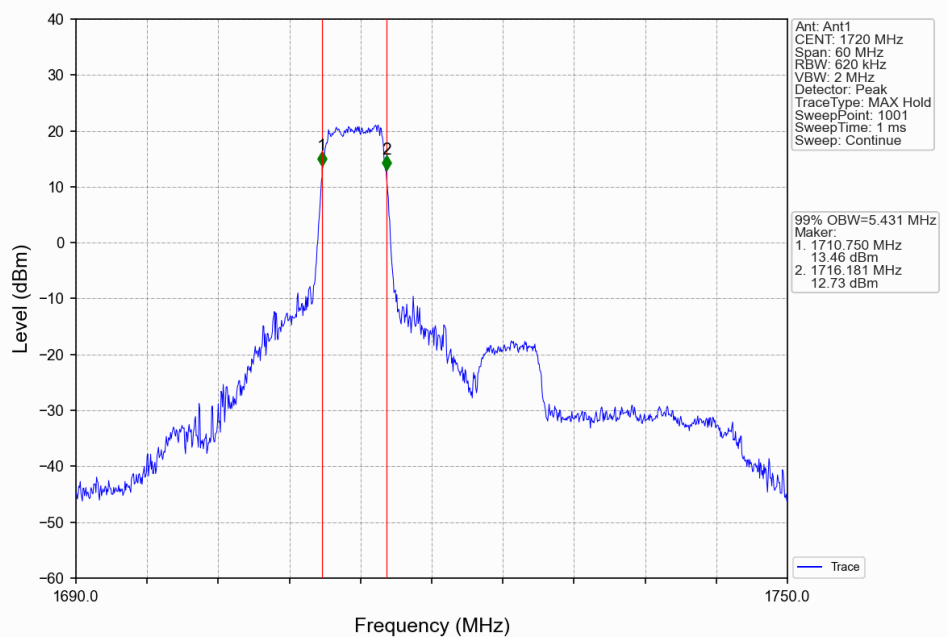
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



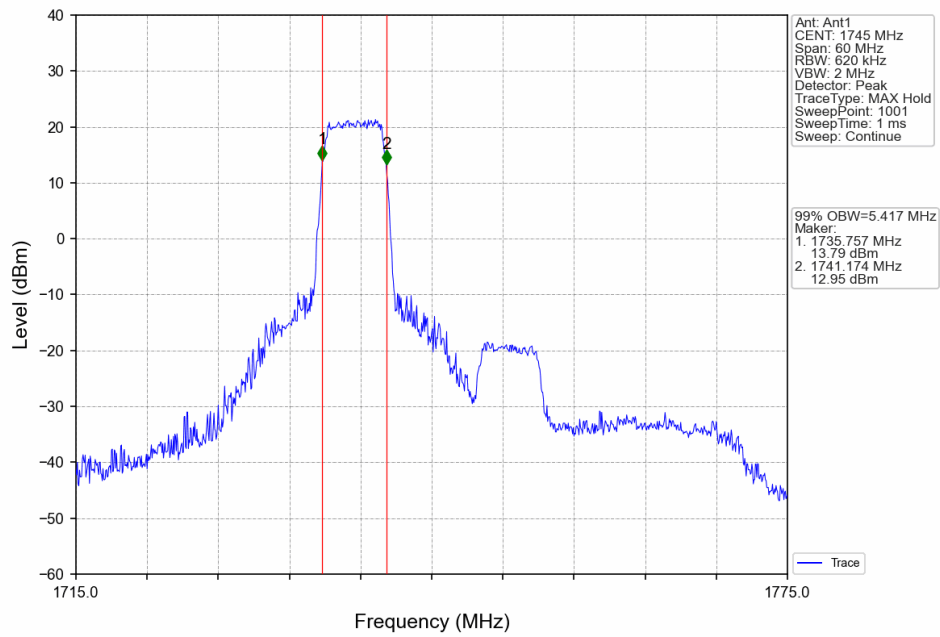
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



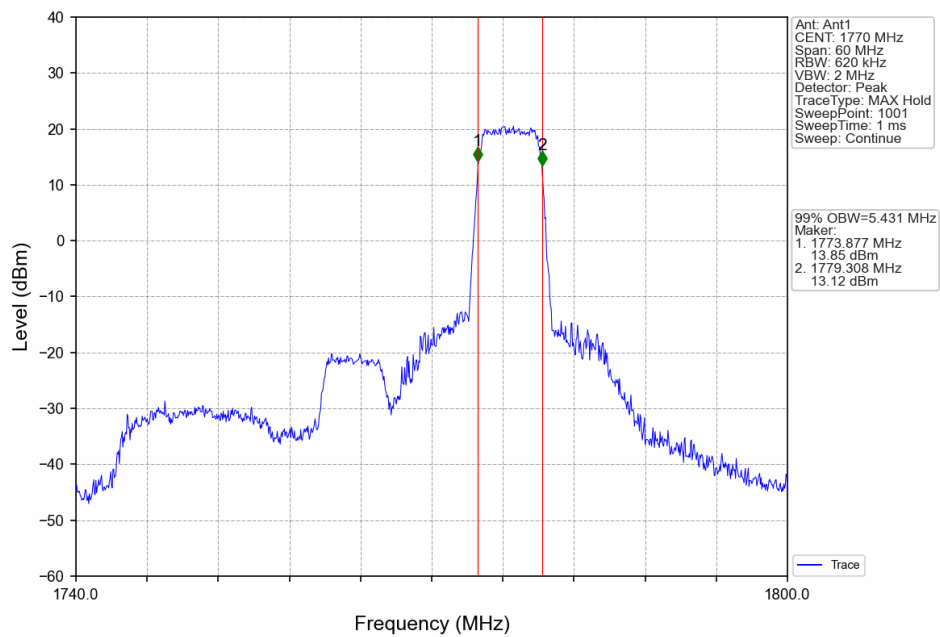
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTNV



Band66 20MHz 16QAM MCH 1745MHz RB 27 0 NTN



Band66 20MHz 16QAM HCH 1770MHz RB 27 73 NTN

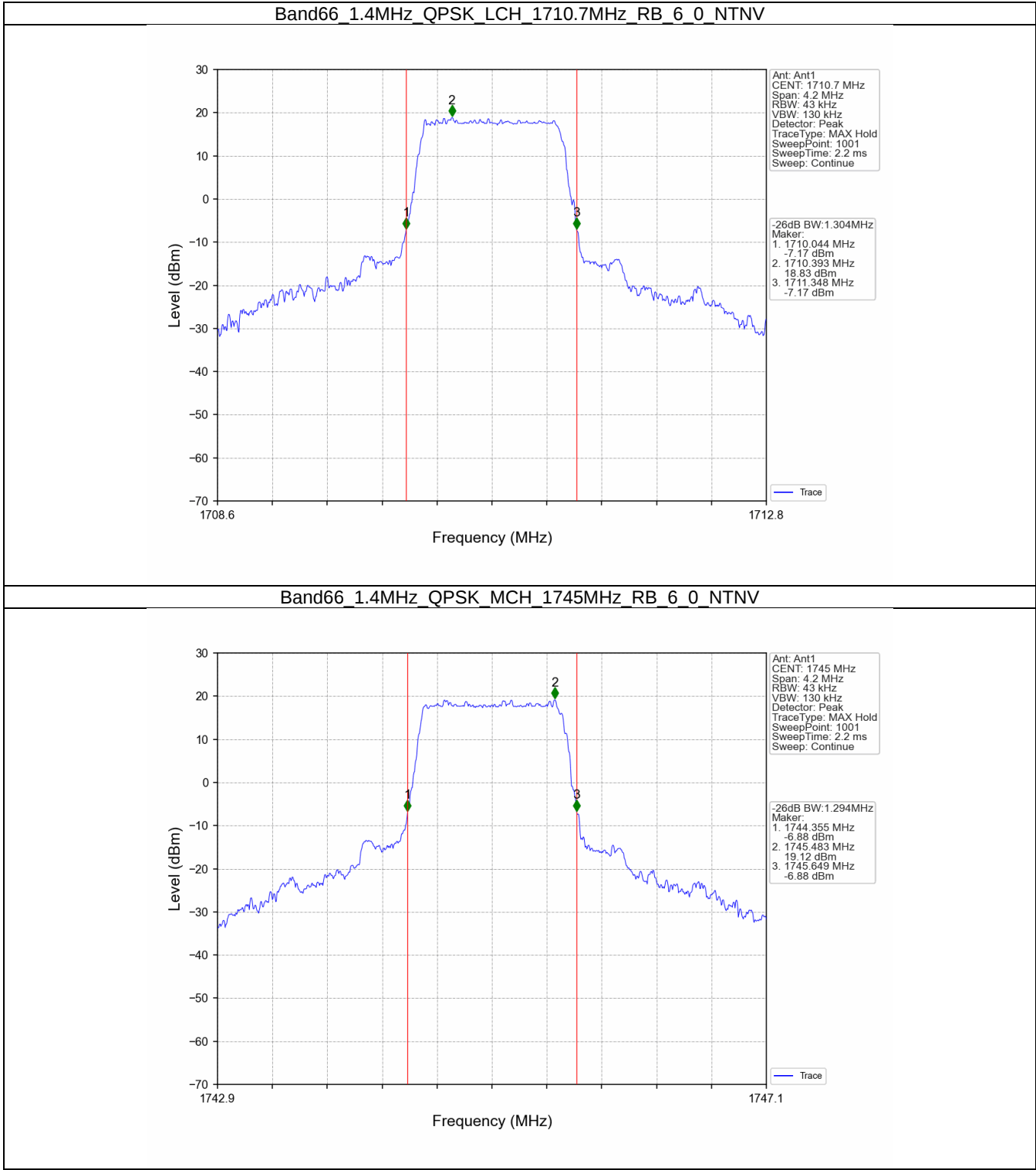


8.2 Band66_XDB

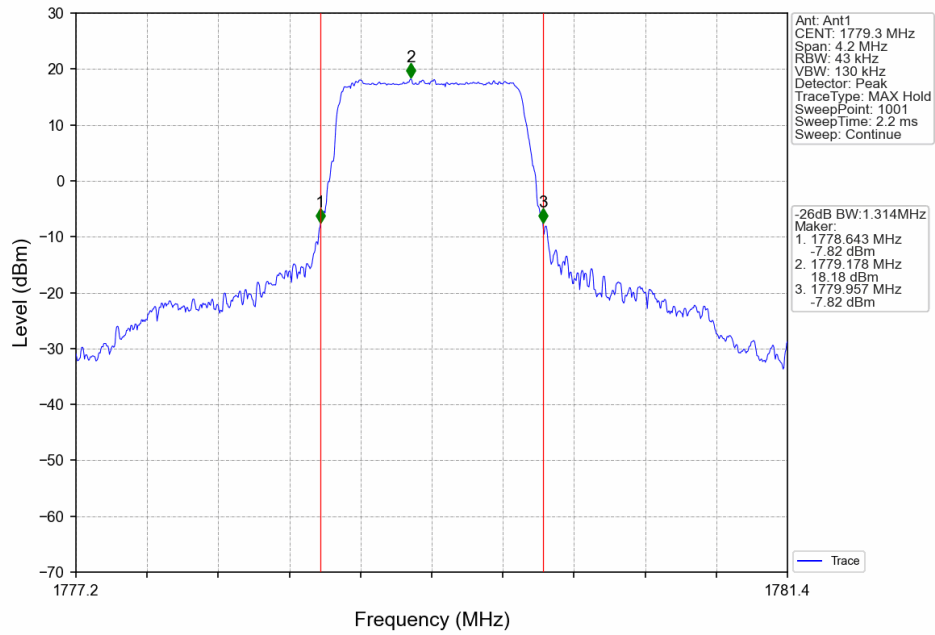
8.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.304	Pass
		1745	6	0	1.294	Pass
		1779.3	6	0	1.314	Pass
	16QAM	1710.7	6	0	1.287	Pass
		1745	6	0	1.304	Pass
		1779.3	6	0	1.311	Pass
3	QPSK	1711.5	15	0	3.004	Pass
		1745	15	0	3.015	Pass
		1778.5	15	0	3.012	Pass
	16QAM	1711.5	15	0	2.986	Pass
		1745	15	0	3.020	Pass
		1778.5	15	0	3.015	Pass
5	QPSK	1712.5	25	0	5.027	Pass
		1745	25	0	5.054	Pass
		1777.5	25	0	5.035	Pass
	16QAM	1712.5	25	0	5.024	Pass
		1745	25	0	5.060	Pass
		1777.5	25	0	5.038	Pass
10	QPSK	1715	50	0	10.013	Pass
		1745	50	0	9.924	Pass
		1775	50	0	9.970	Pass
	16QAM	1715	27	0	5.834	Pass
		1745	27	0	5.895	Pass
		1775	27	23	5.810	Pass
15	QPSK	1717.5	75	0	14.765	Pass
		1745	75	0	14.795	Pass
		1772.5	75	0	14.830	Pass
	16QAM	1717.5	27	0	6.240	Pass
		1745	27	0	6.203	Pass
		1772.5	27	48	6.159	Pass
20	QPSK	1720	100	0	19.498	Pass
		1745	100	0	19.557	Pass
		1770	100	0	19.493	Pass
	16QAM	1720	27	0	6.486	Pass
		1745	27	0	6.454	Pass
		1770	27	73	6.490	Pass

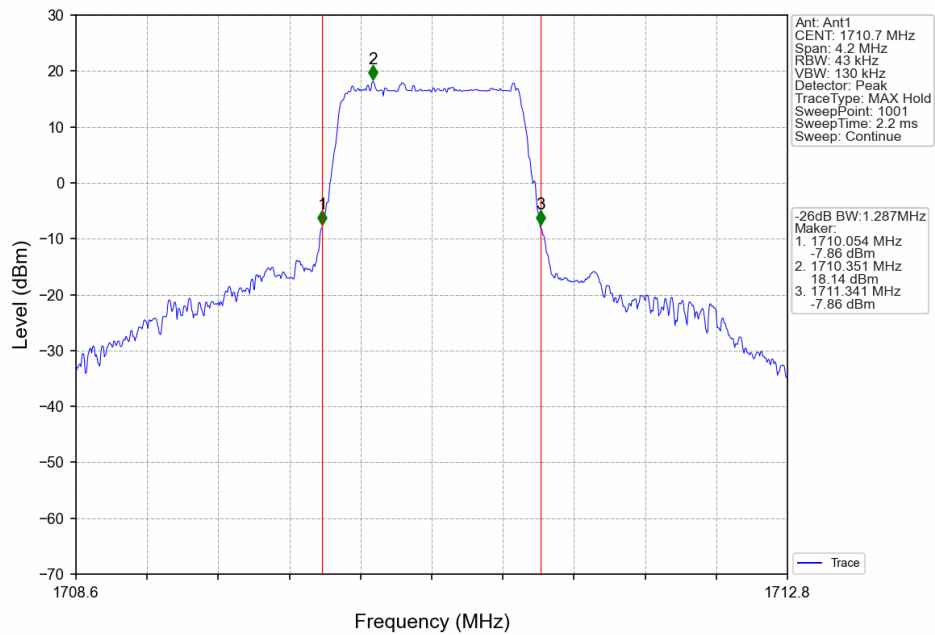
8.2.2 Test Graph



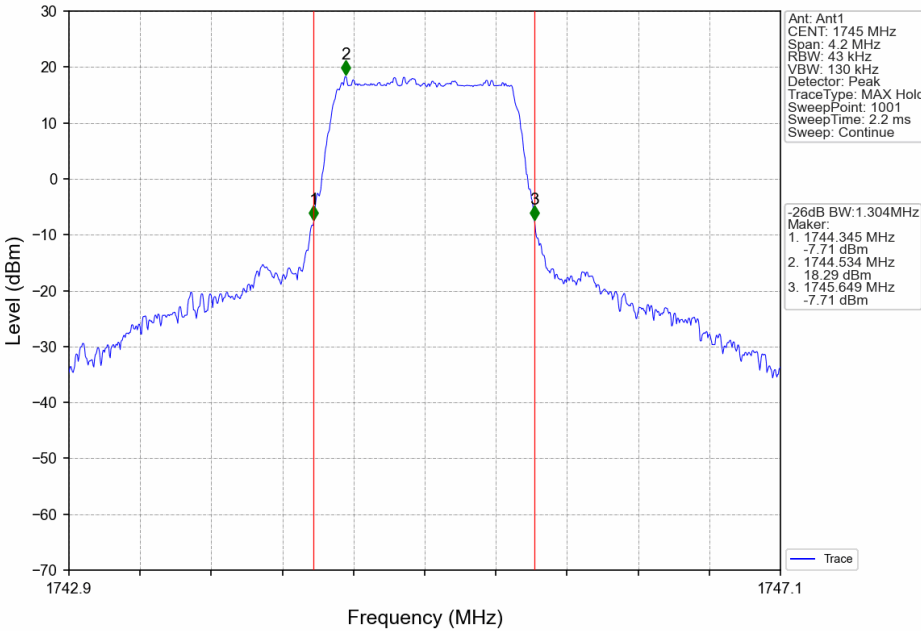
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



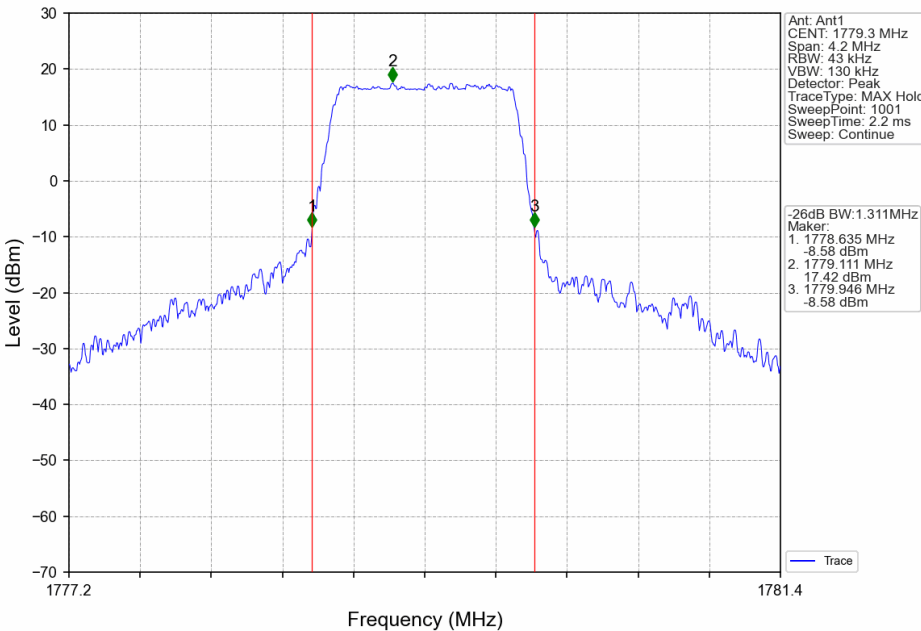
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



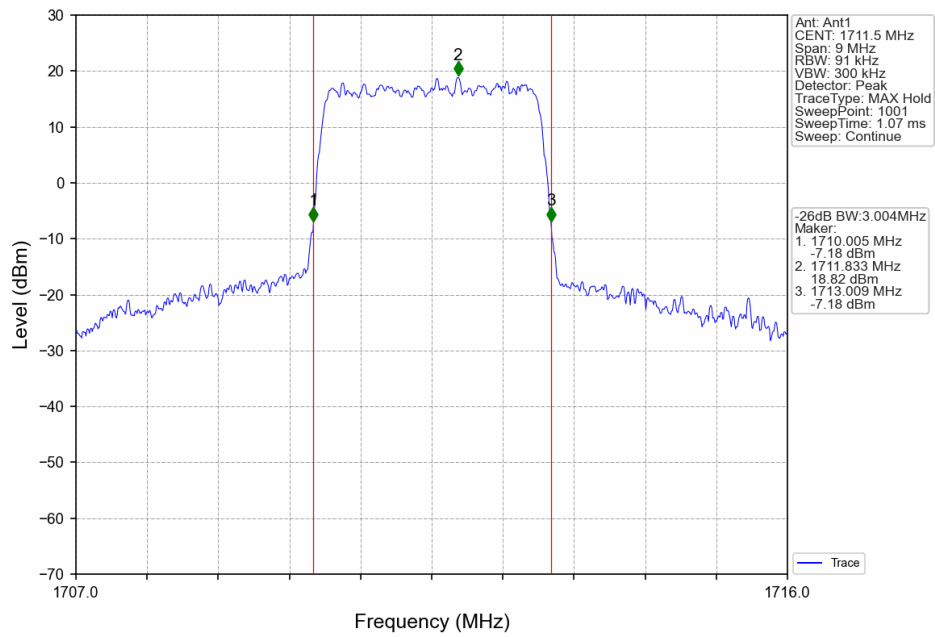
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



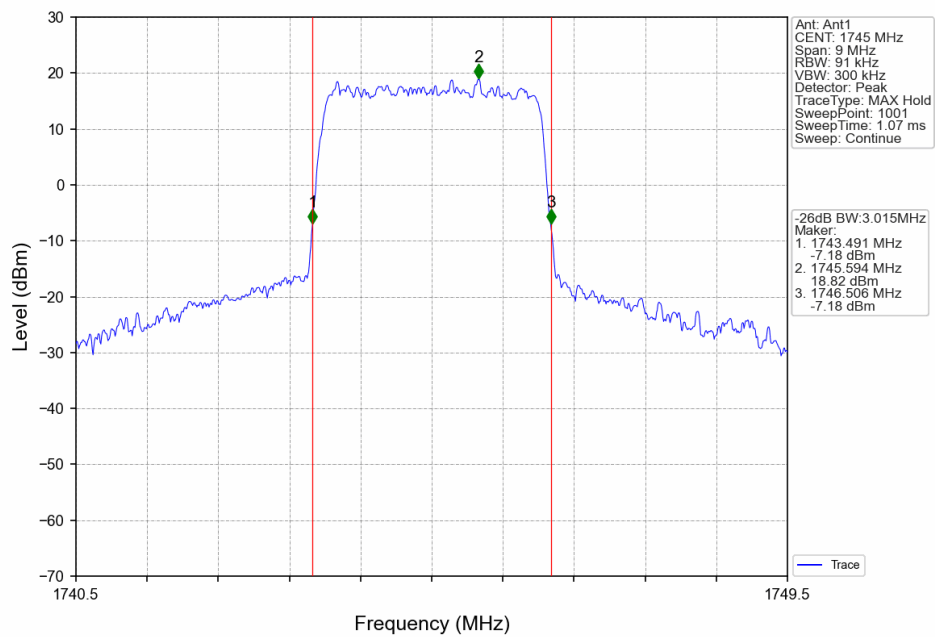
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



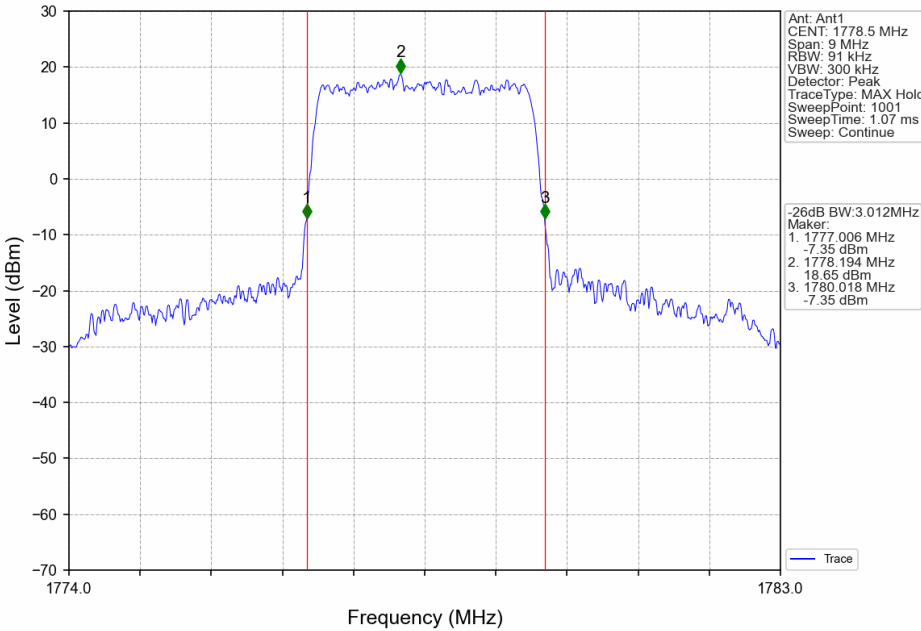
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



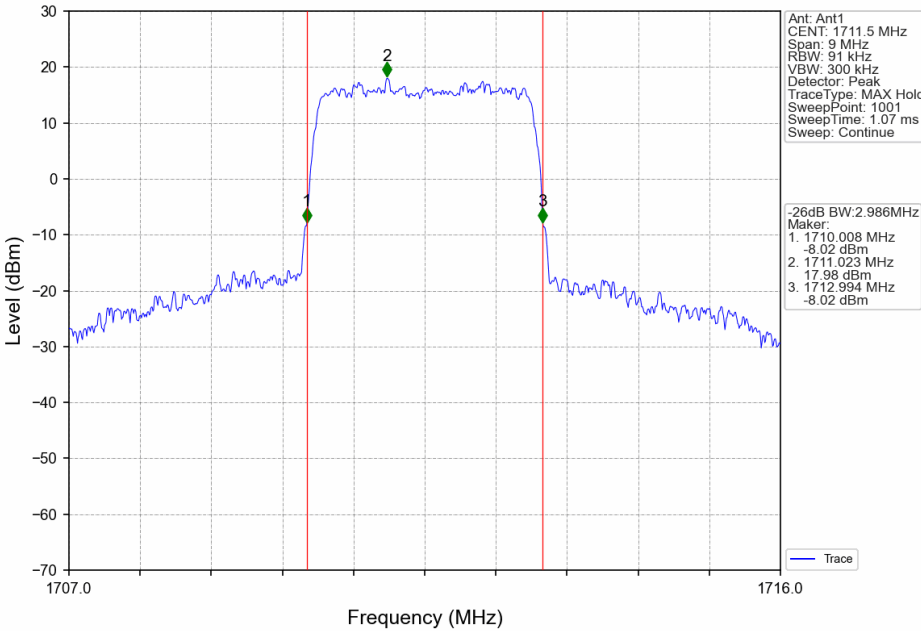
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



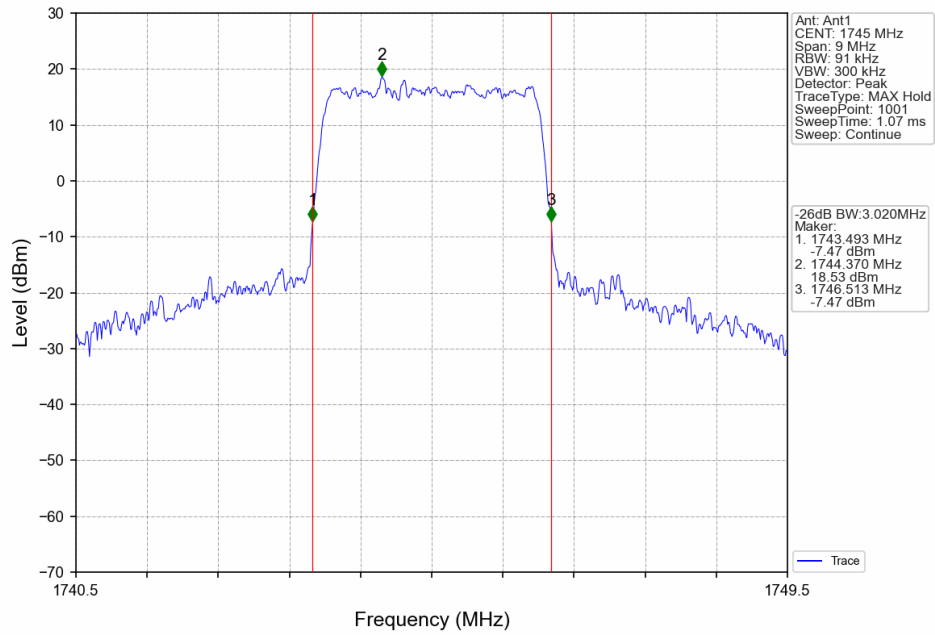
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



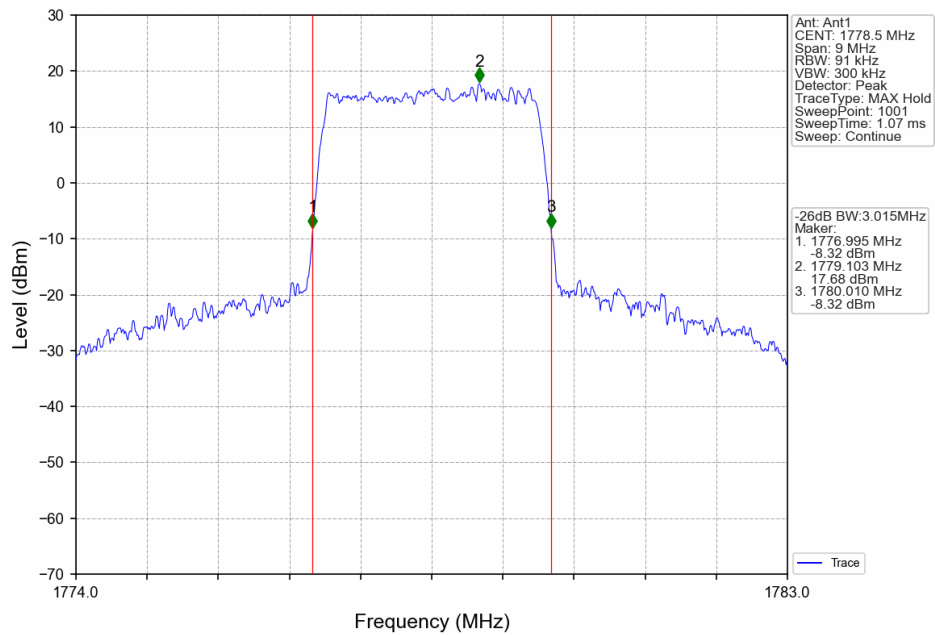
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



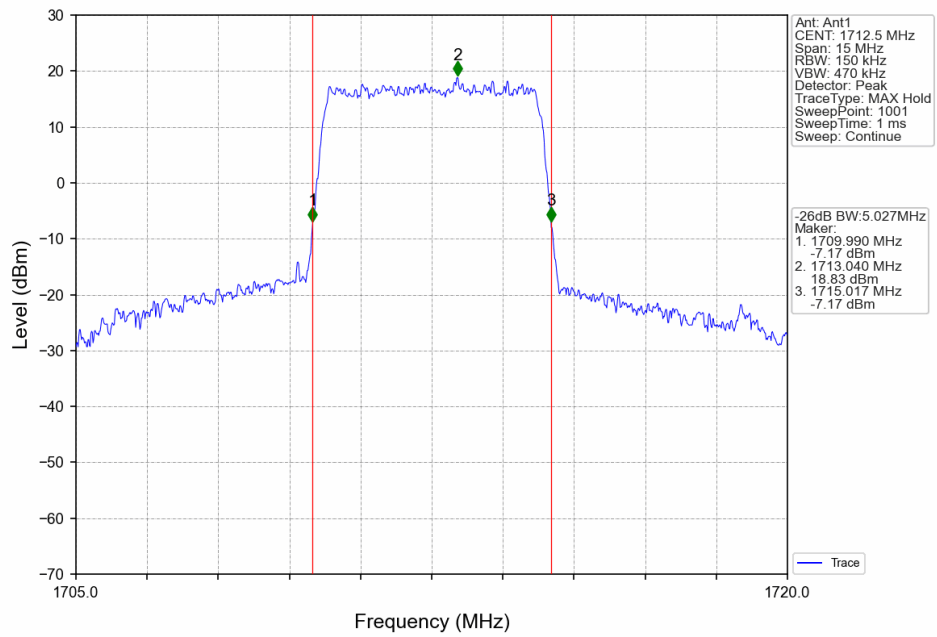
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



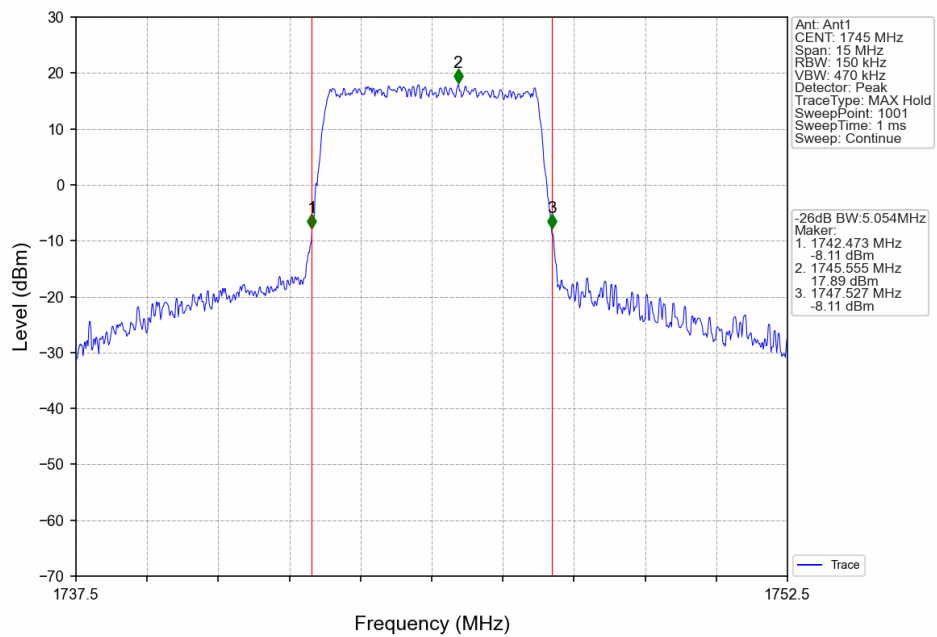
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



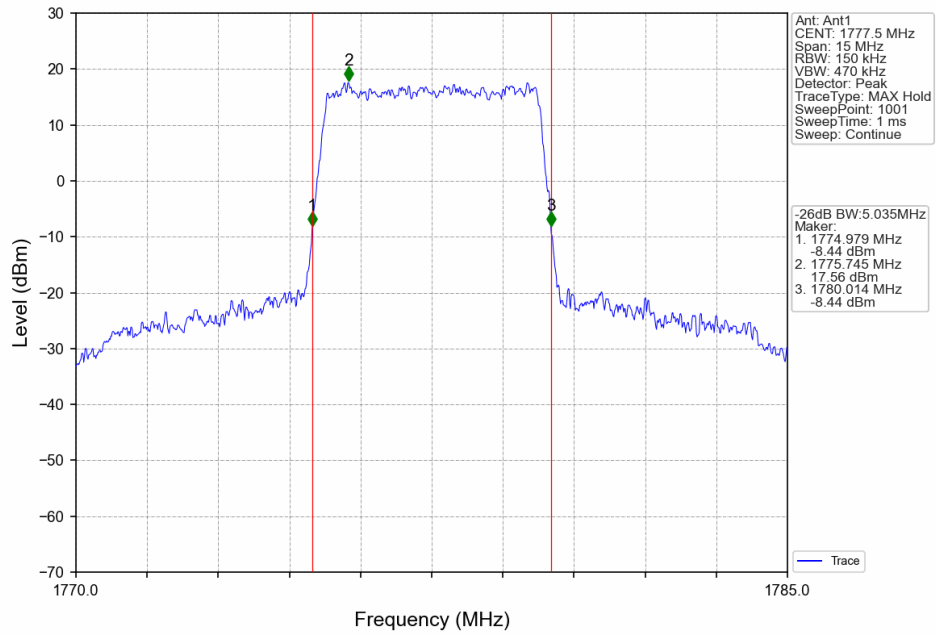
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



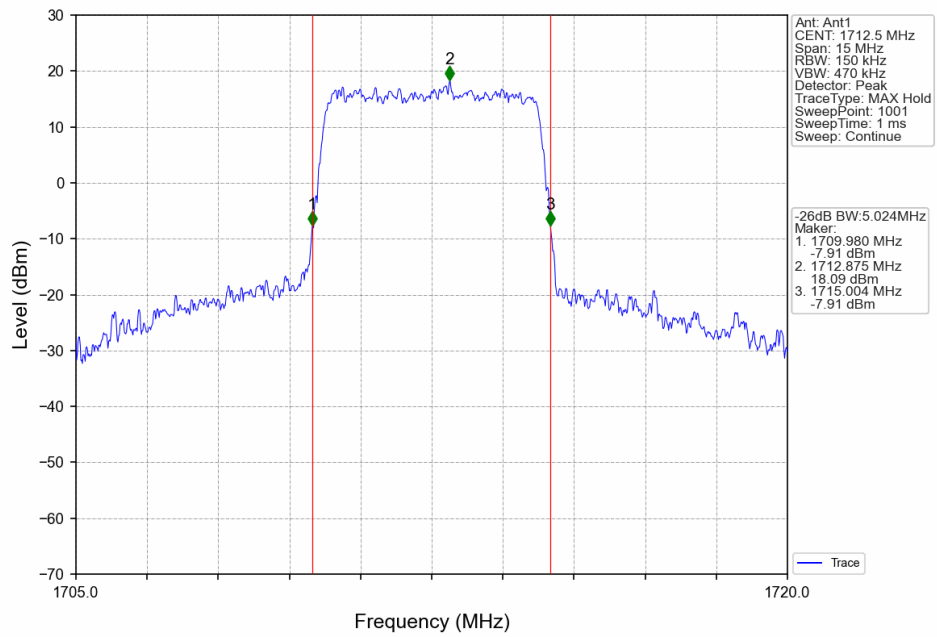
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



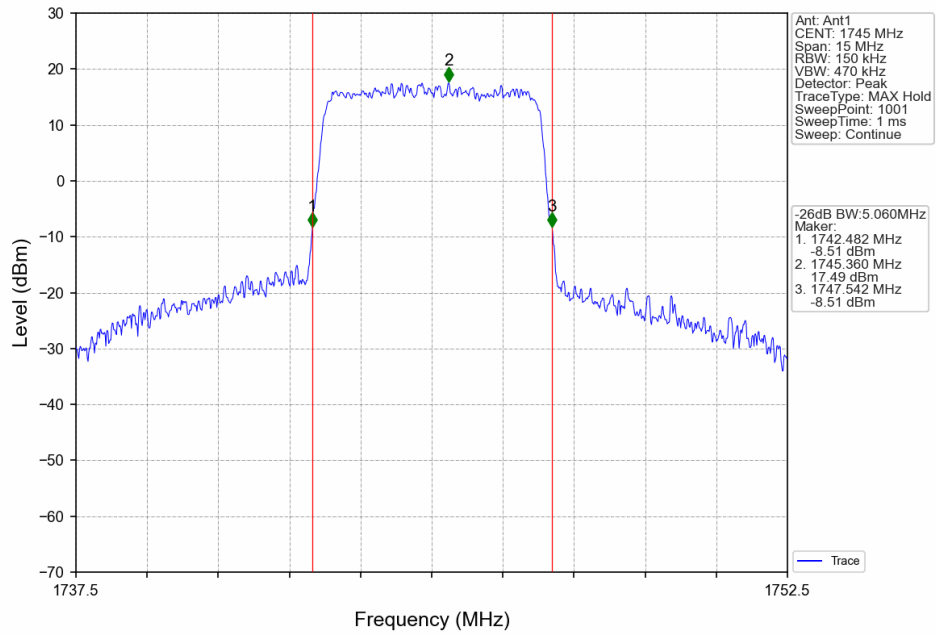
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



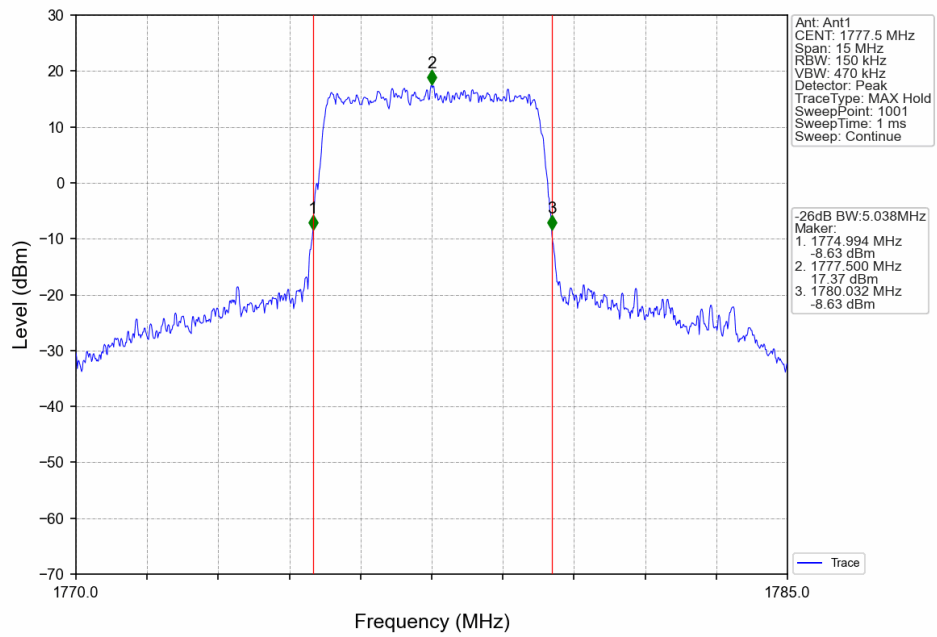
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



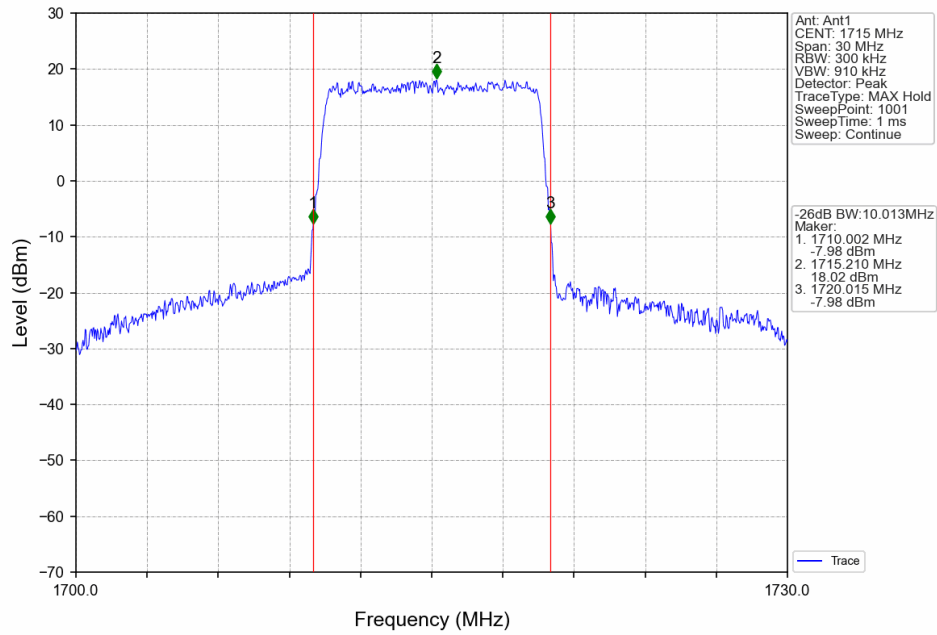
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



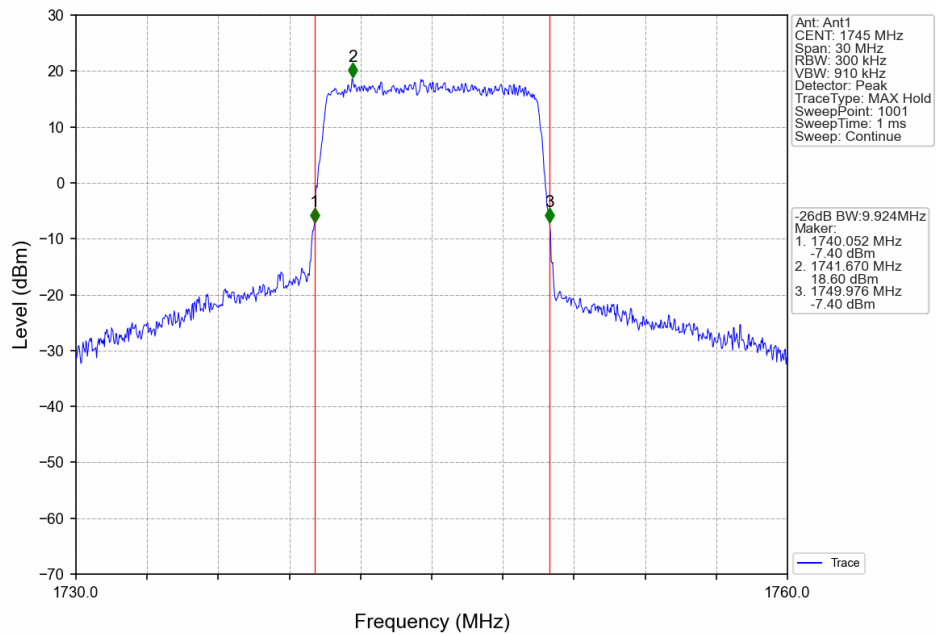
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



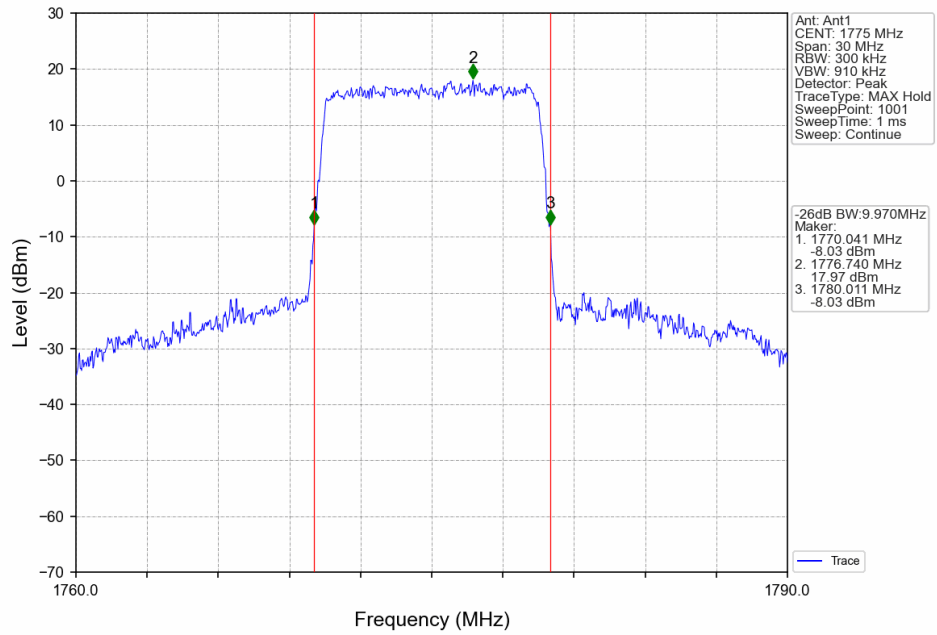
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



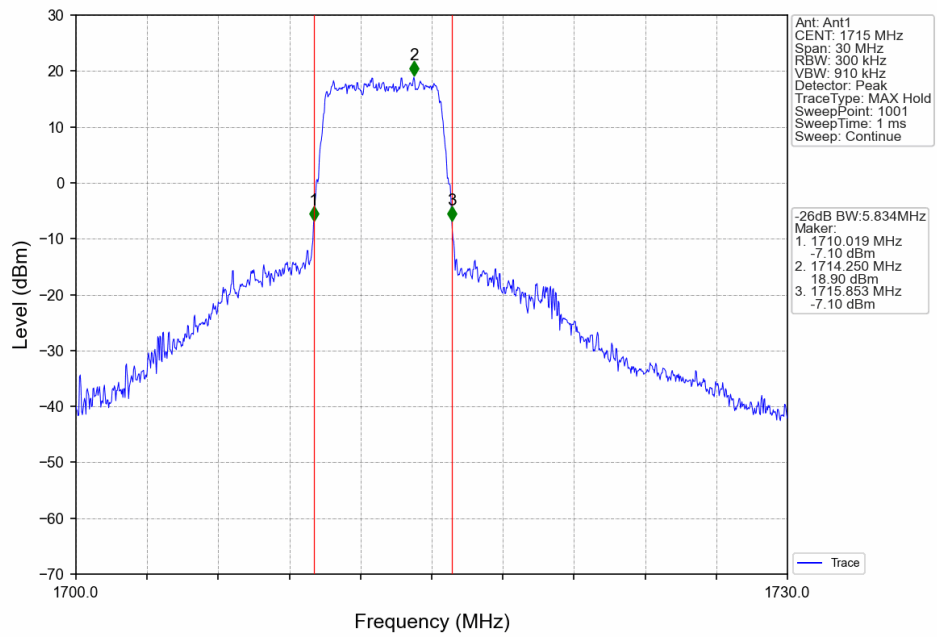
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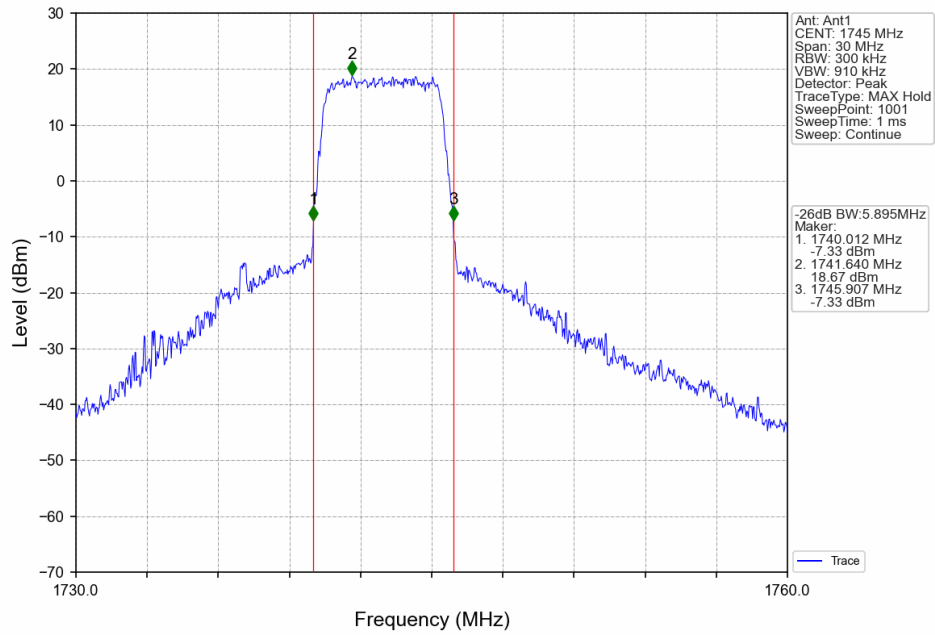
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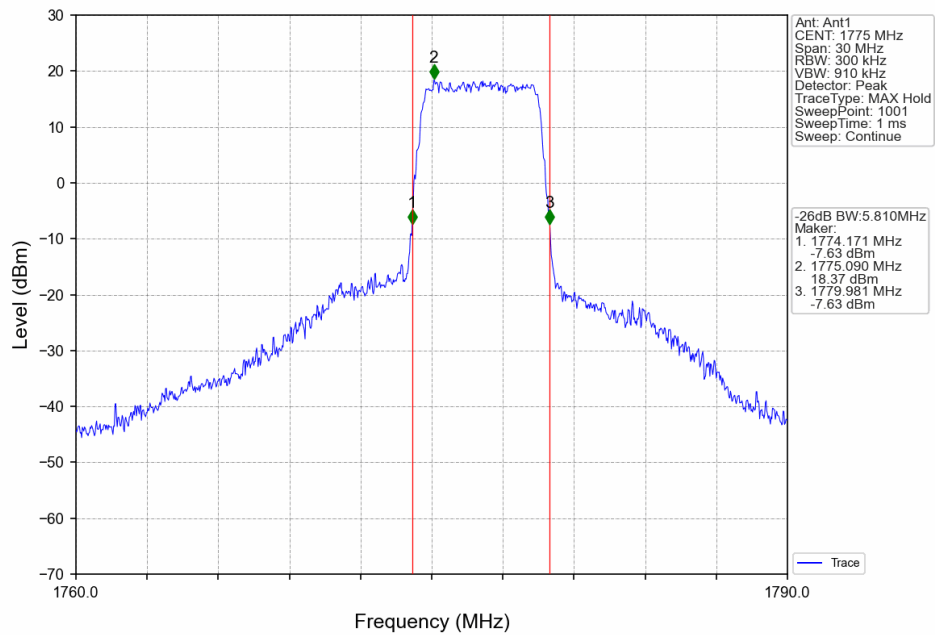
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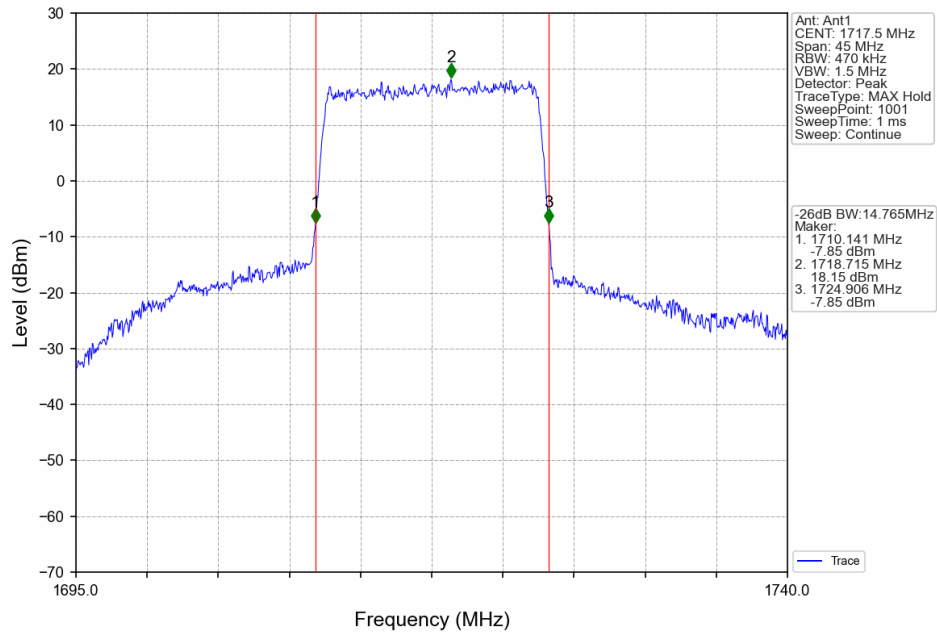
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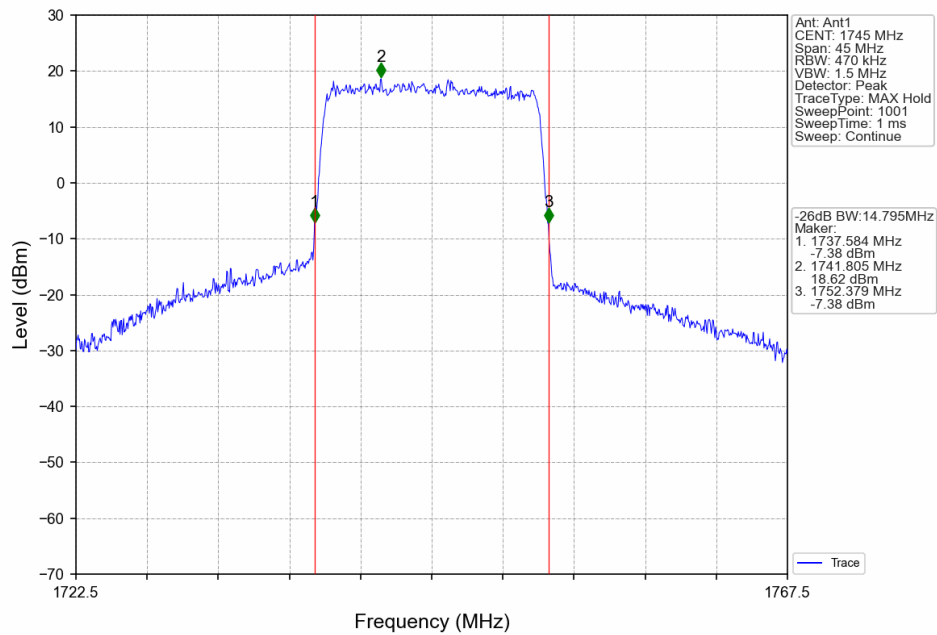
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTN



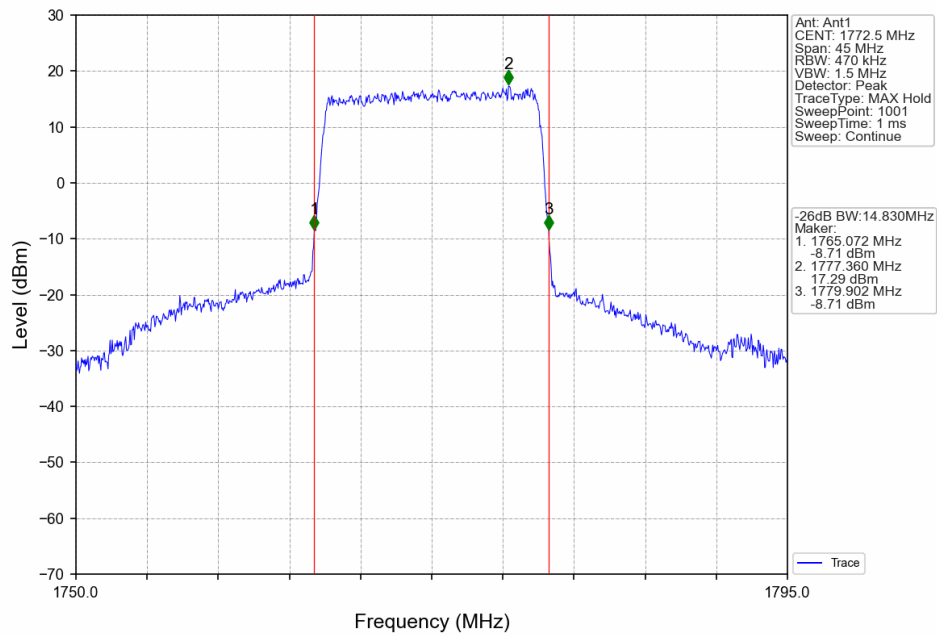
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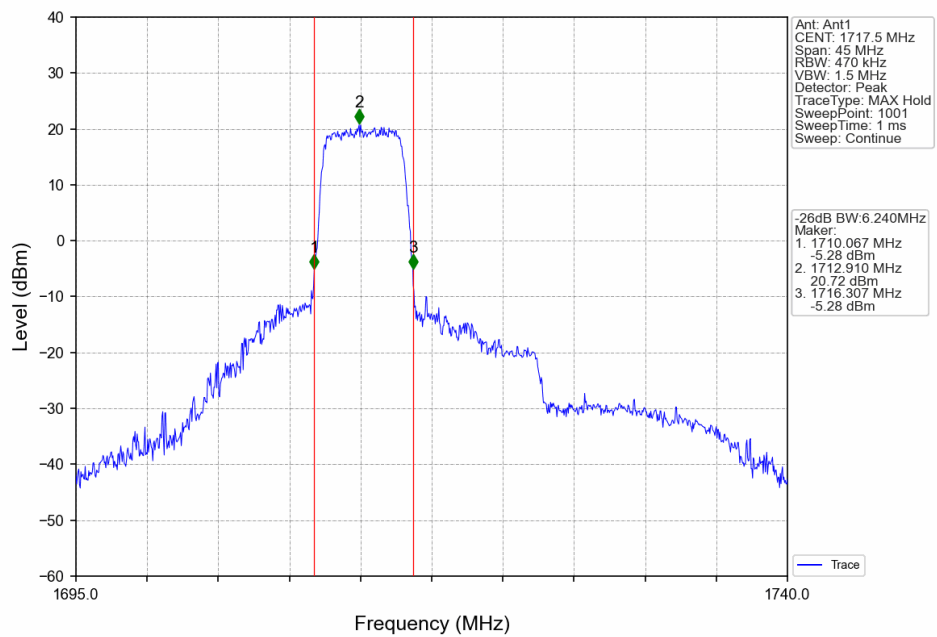
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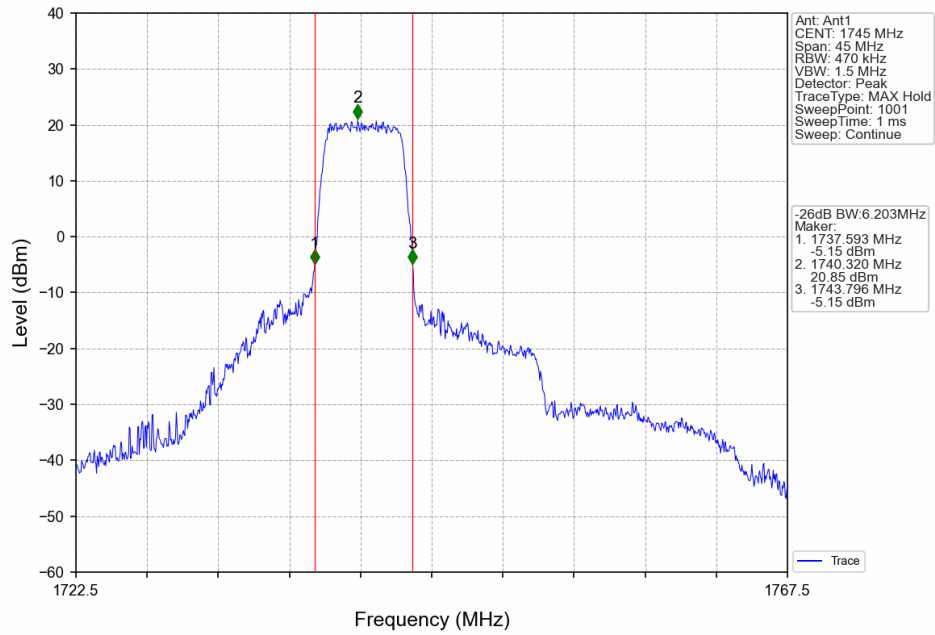
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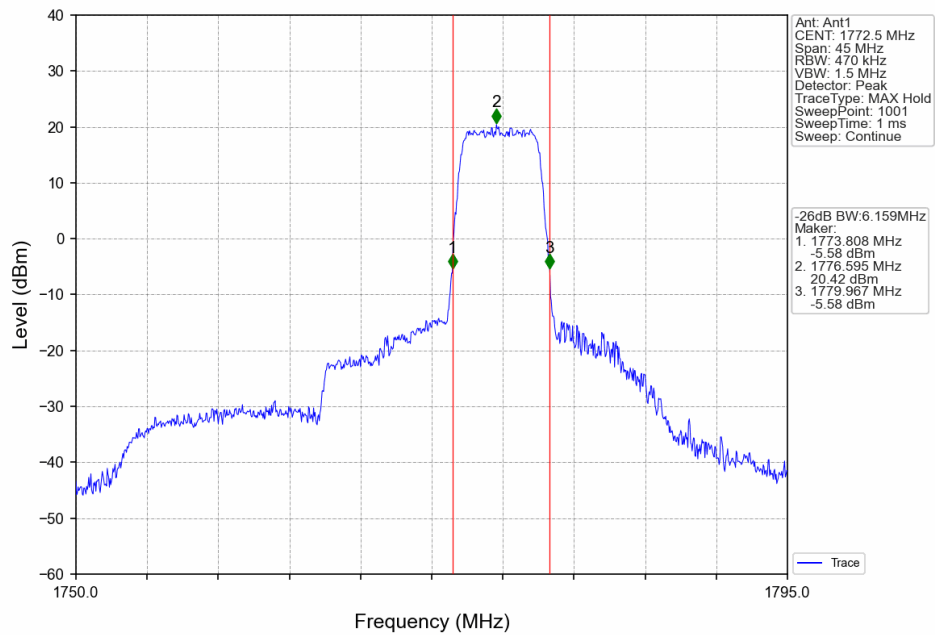
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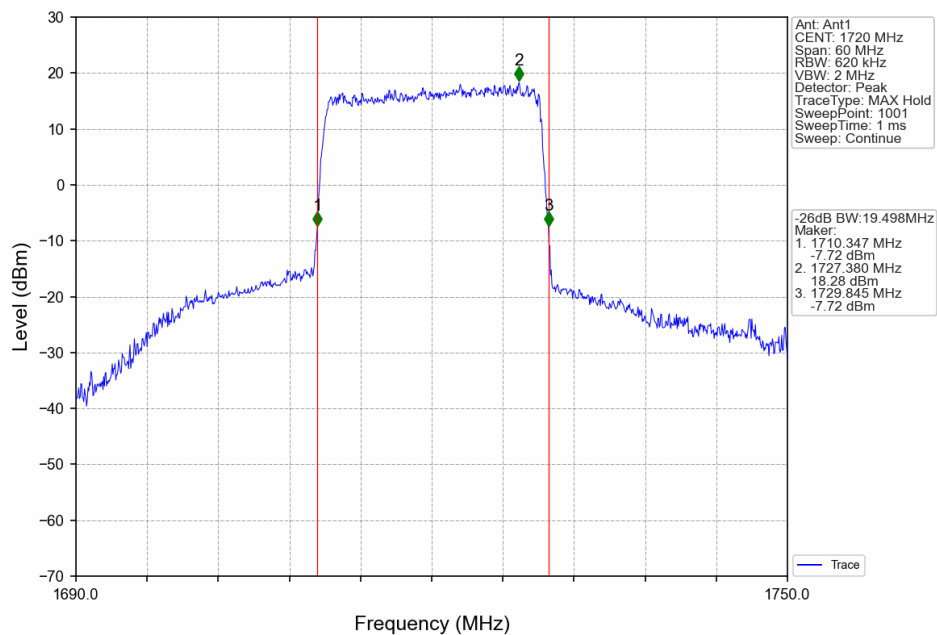
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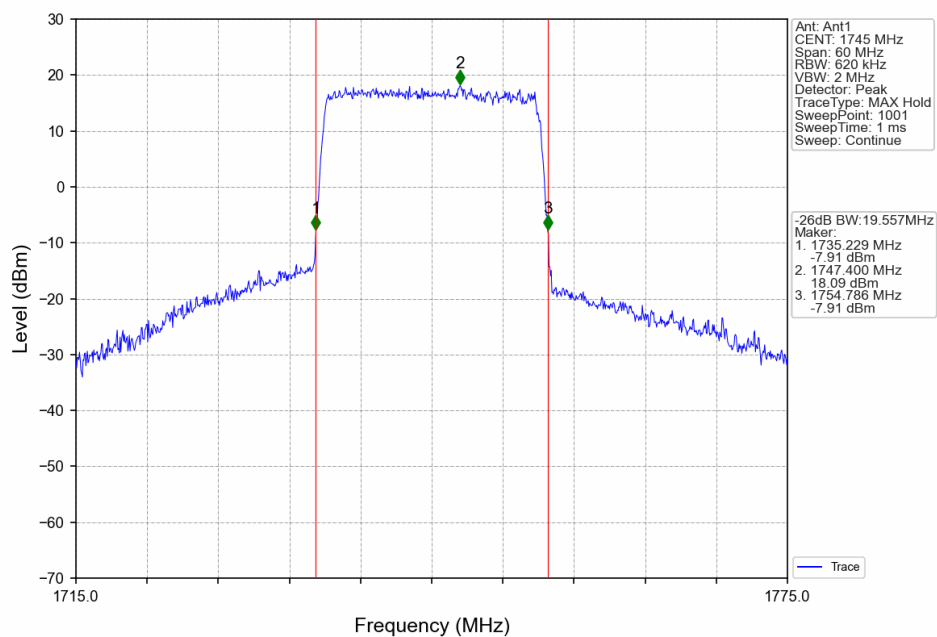
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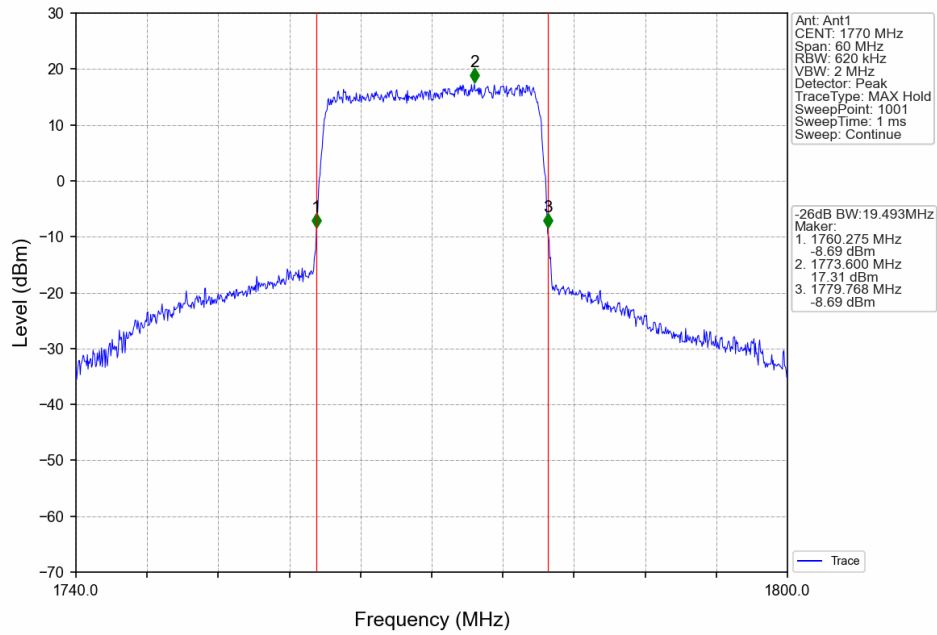
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



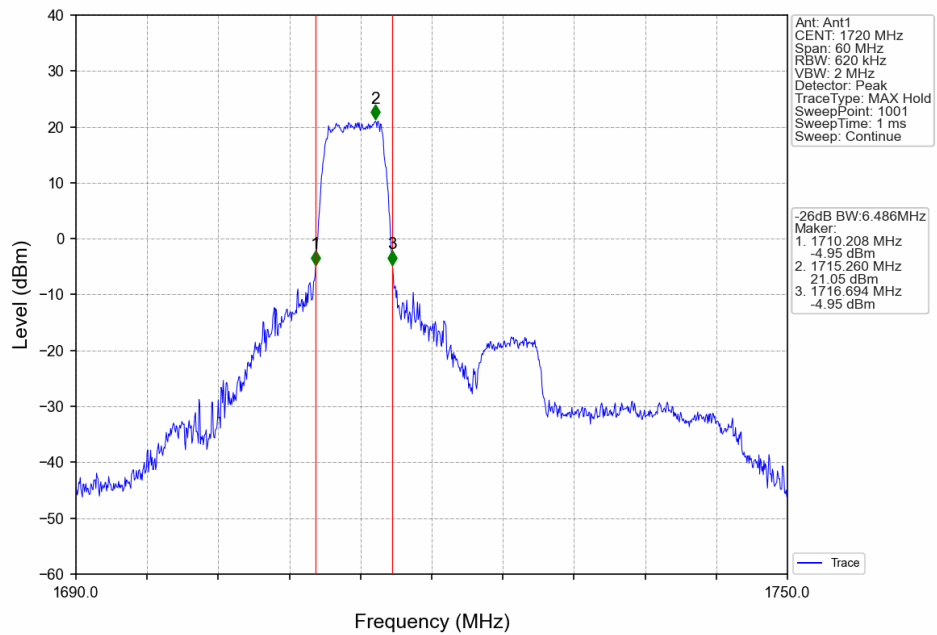
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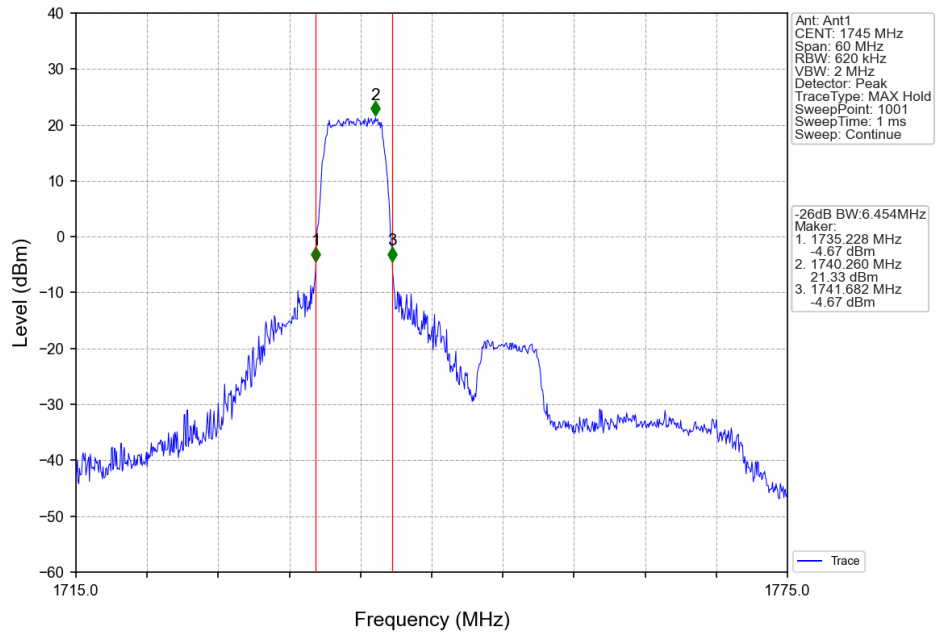
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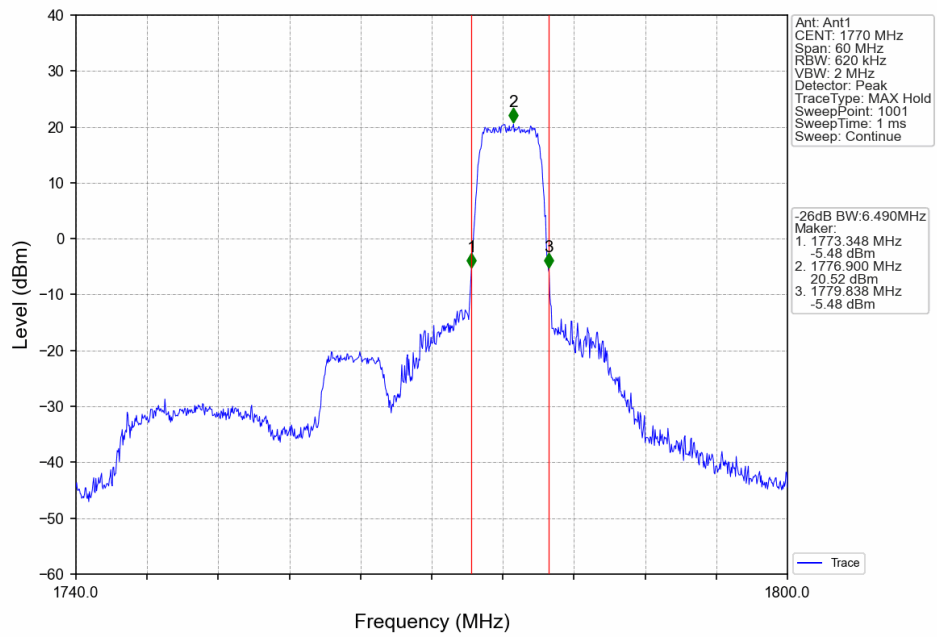
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Band66 20MHz 16QAM MCH 1745MHz RB 27 0 NTN



Band66 20MHz 16QAM HCH 1770MHz RB 27 73 NTN



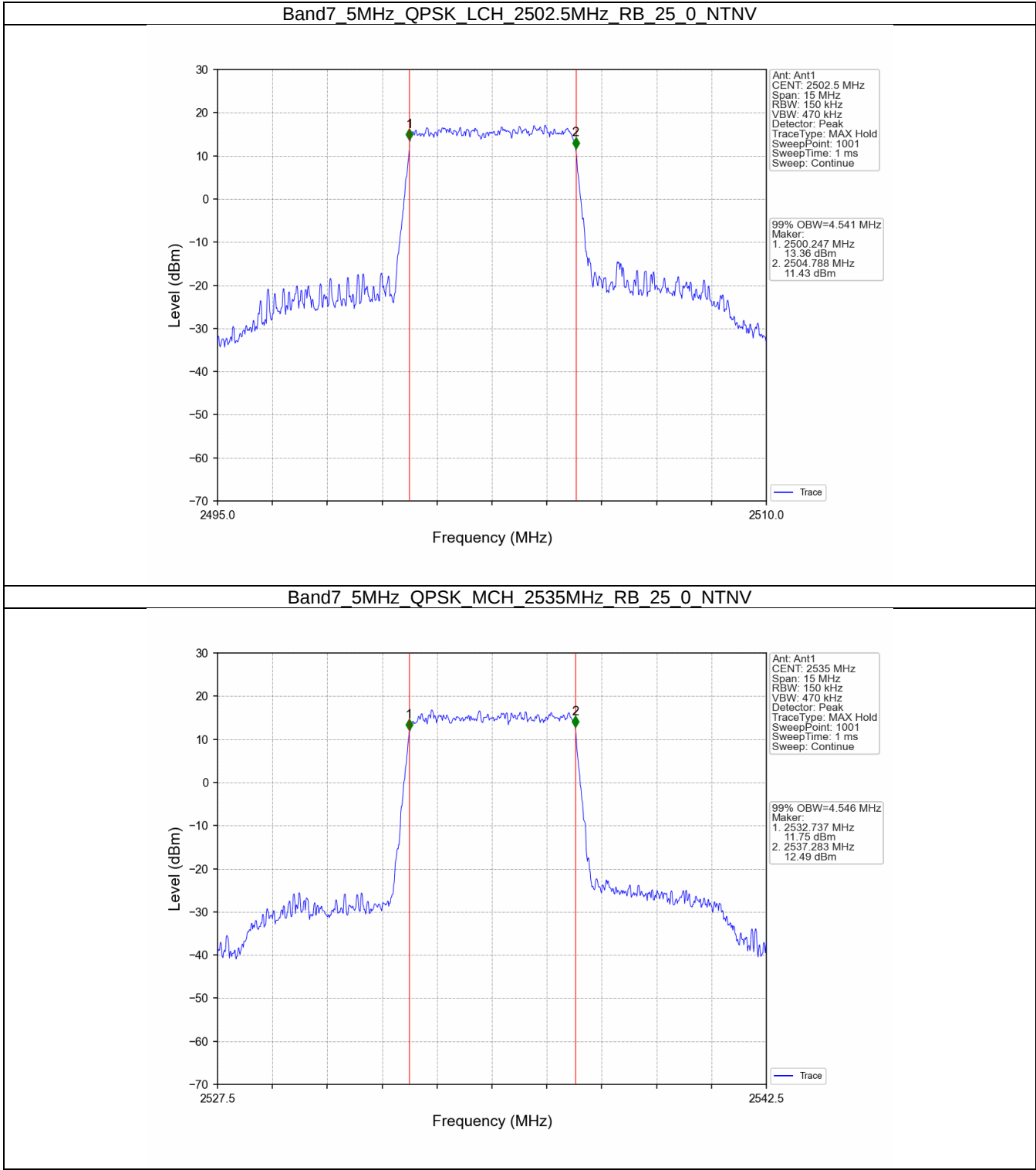
9. 99% & 26dB Bandwidth

9.1 Band7_OBW

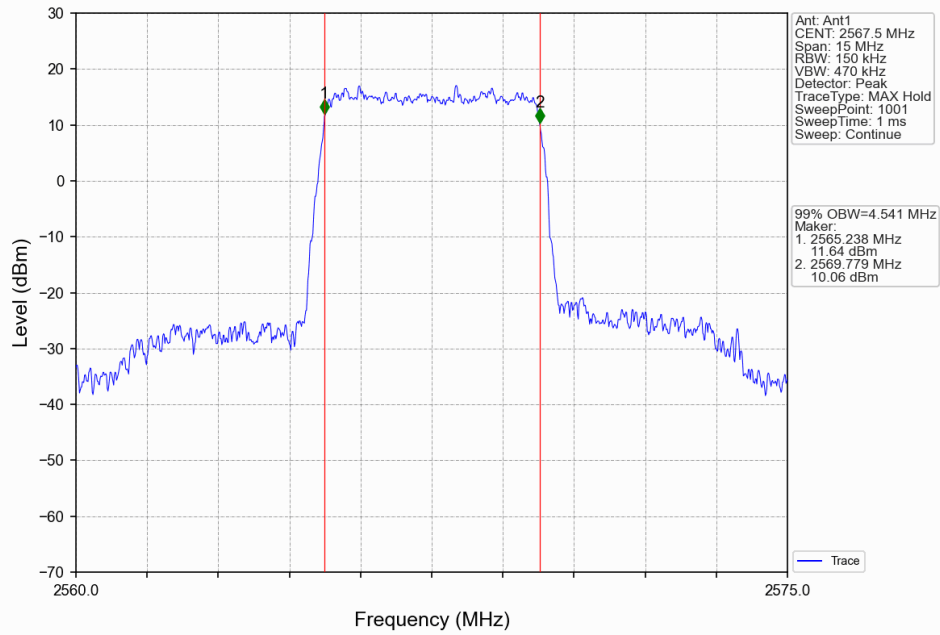
9.1.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.541	Pass
		2535	25	0	4.546	Pass
		2567.5	25	0	4.541	Pass
	16QAM	2502.5	25	0	4.560	Pass
		2535	25	0	4.546	Pass
		2567.5	25	0	4.536	Pass
10	QPSK	2505	50	0	9.033	Pass
		2535	50	0	9.011	Pass
		2565	50	0	9.052	Pass
	16QAM	2505	27	0	5.068	Pass
		2535	27	0	5.031	Pass
		2565	27	23	5.031	Pass
15	QPSK	2507.5	75	0	13.537	Pass
		2535	75	0	13.537	Pass
		2562.5	75	0	13.543	Pass
	16QAM	2507.5	27	0	5.247	Pass
		2535	27	0	5.274	Pass
		2562.5	27	48	5.243	Pass
20	QPSK	2510	100	0	18.068	Pass
		2535	100	0	1.990	Pass
		2560	100	0	18.028	Pass
	16QAM	2510	27	0	5.430	Pass
		2535	27	0	5.395	Pass
		2560	27	73	5.424	Pass

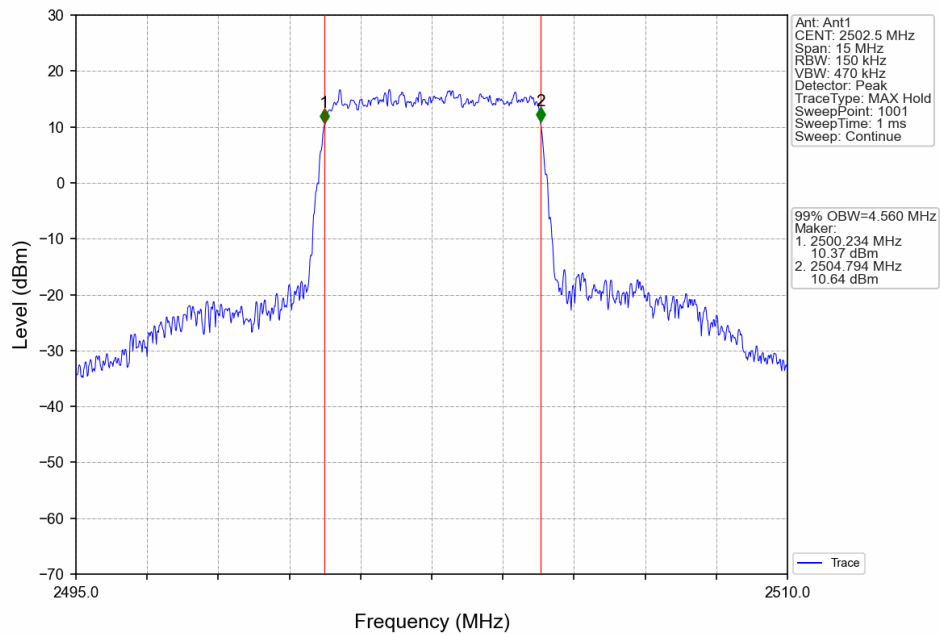
9.1.2 Test Graph



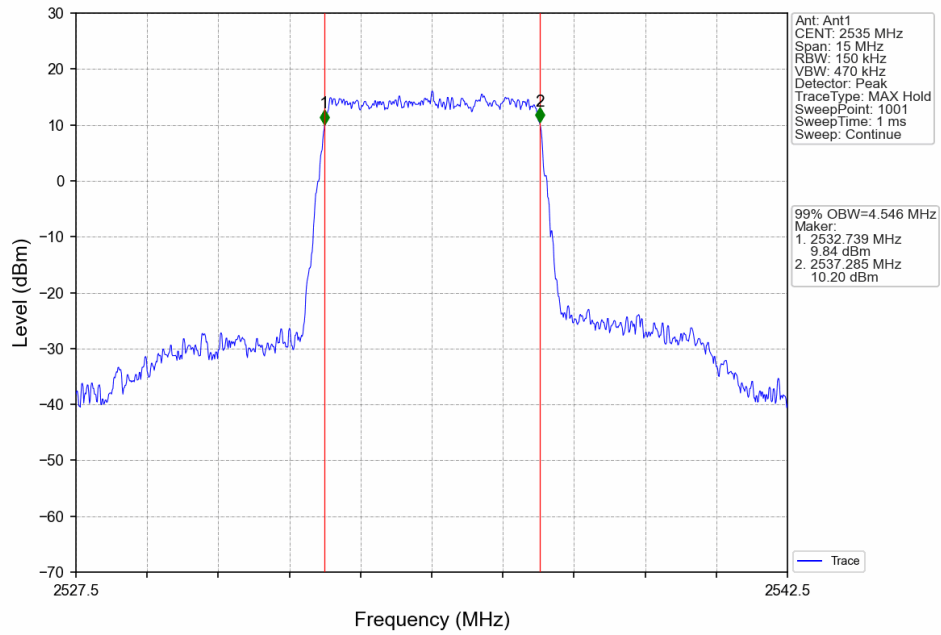
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



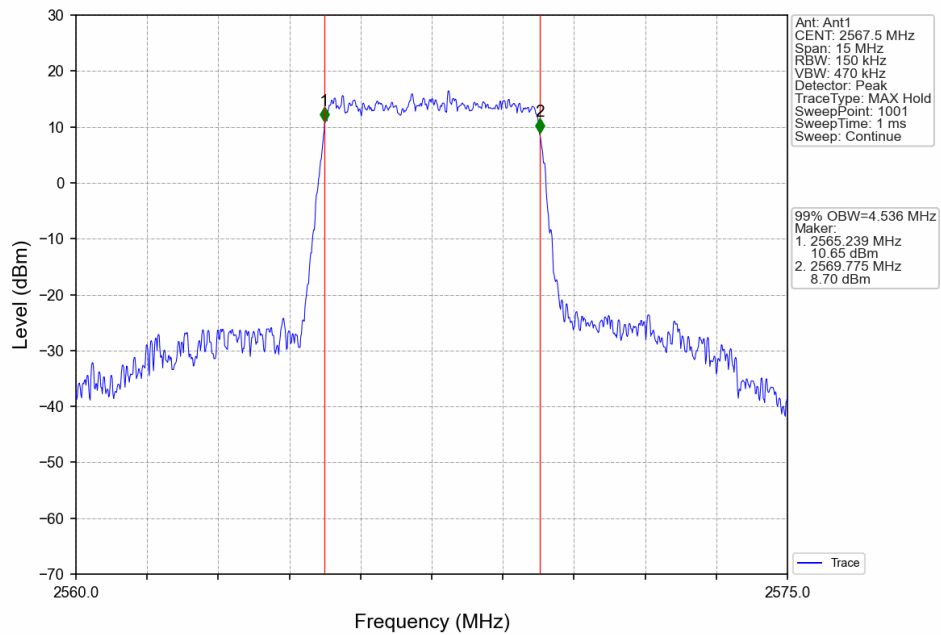
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



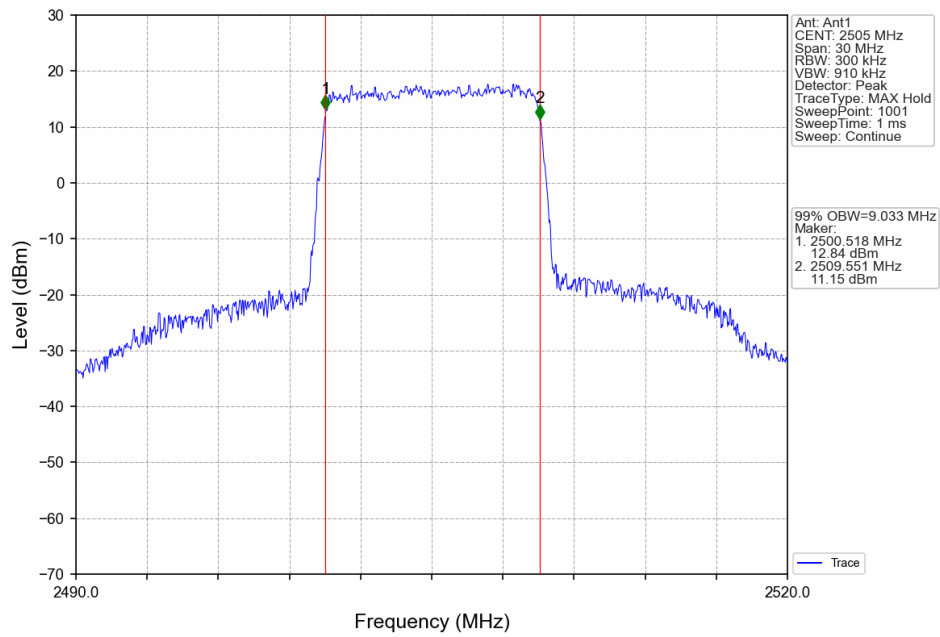
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



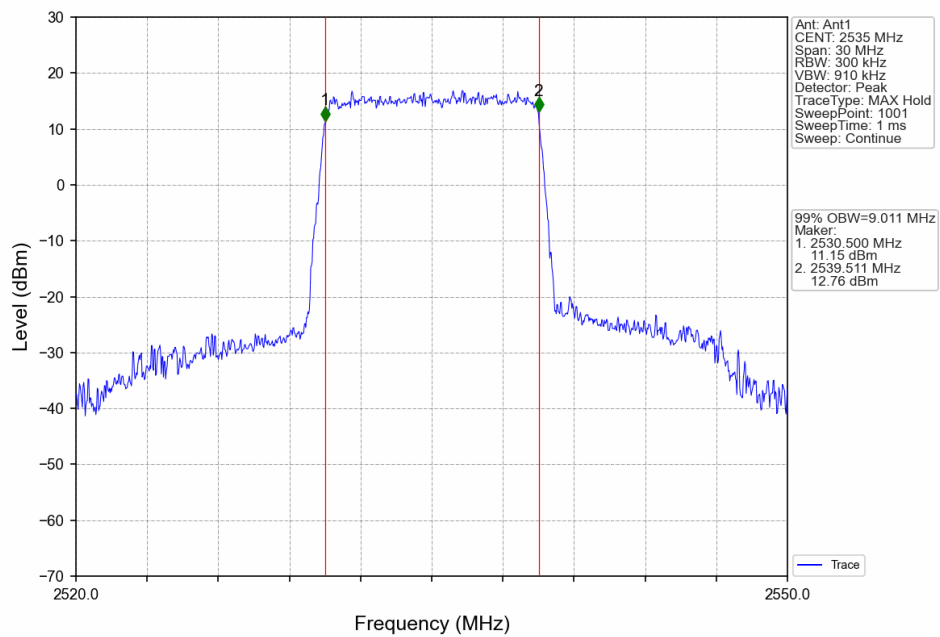
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



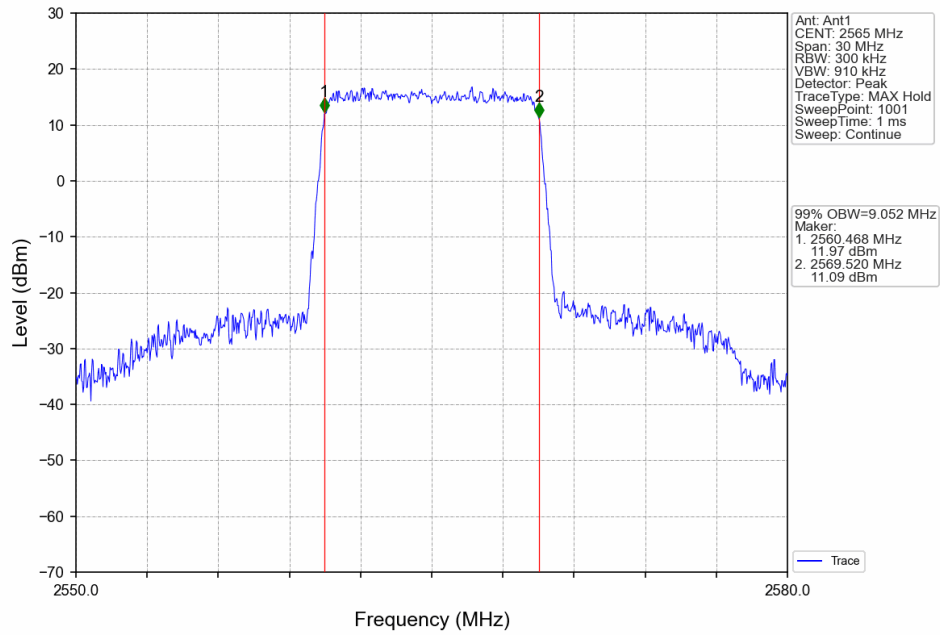
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



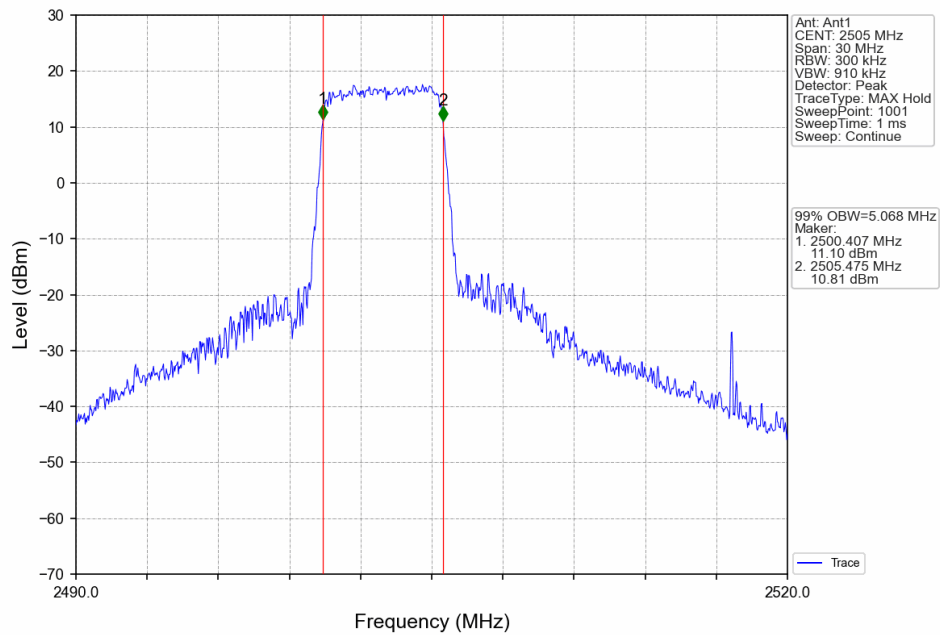
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



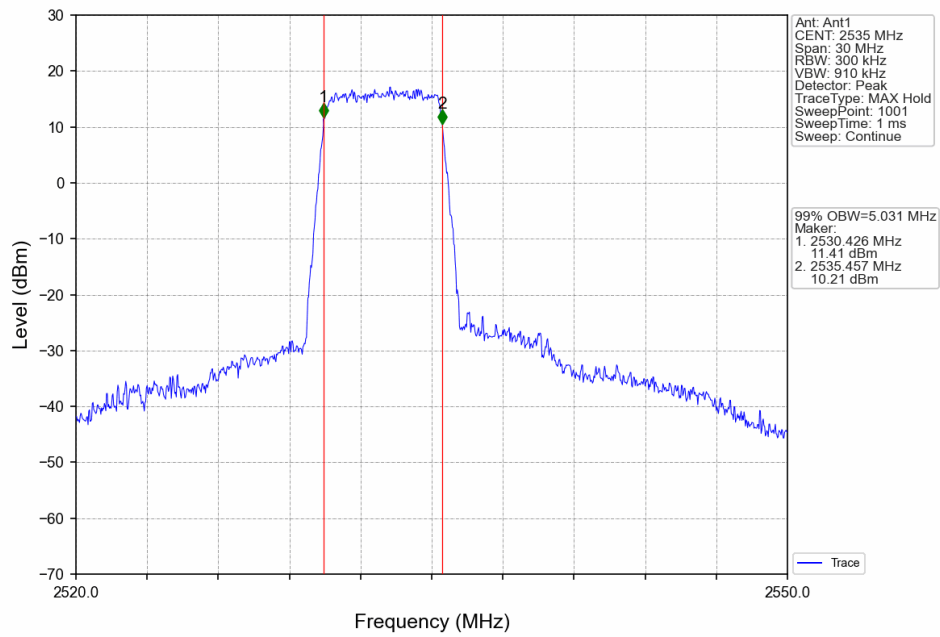
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



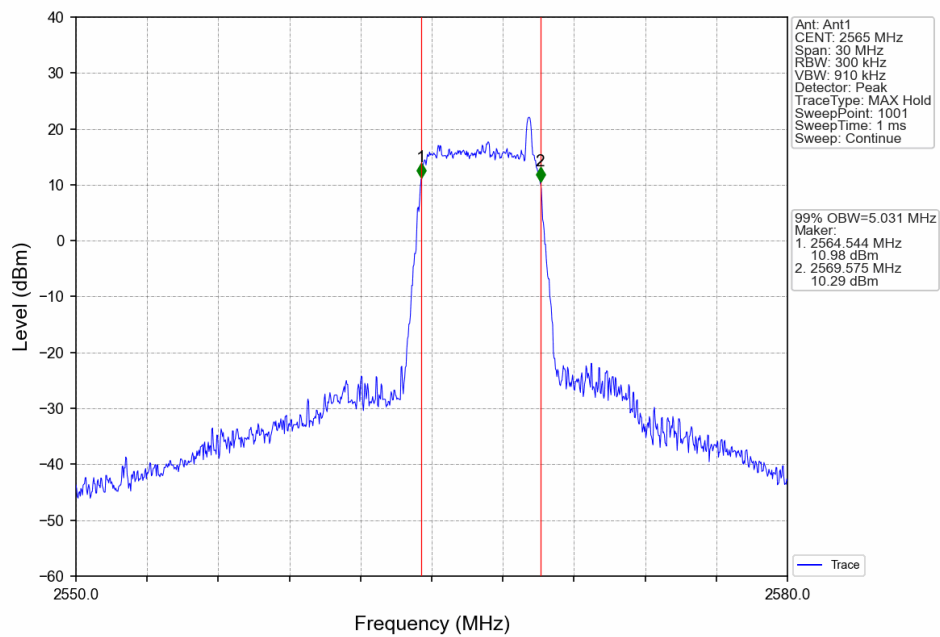
Band7 10MHz 16QAM LCH 2505MHz RB 27 0 NTN



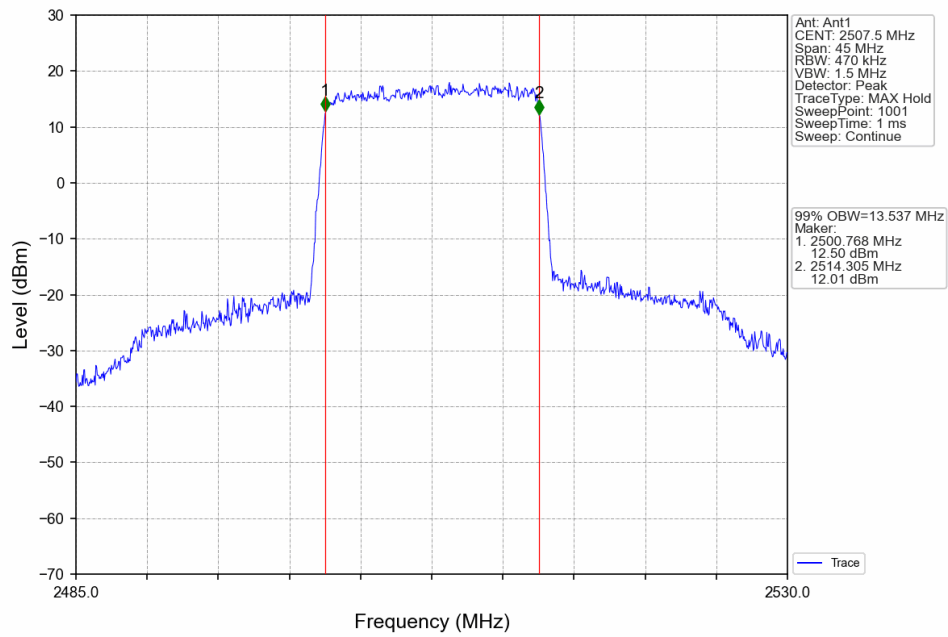
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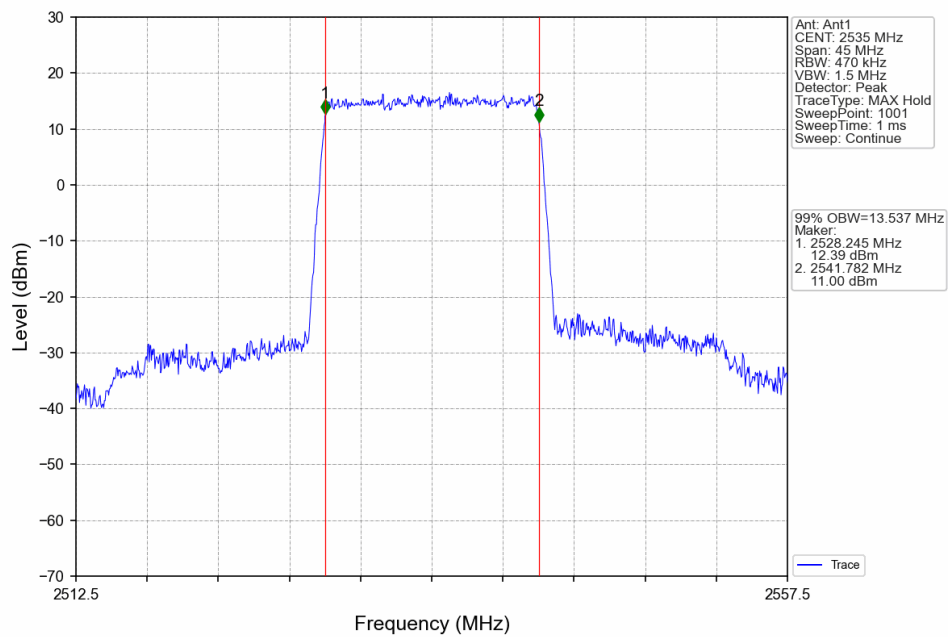
Band7 10MHz 16QAM HCH 2565MHz RB 27 23 NTNV



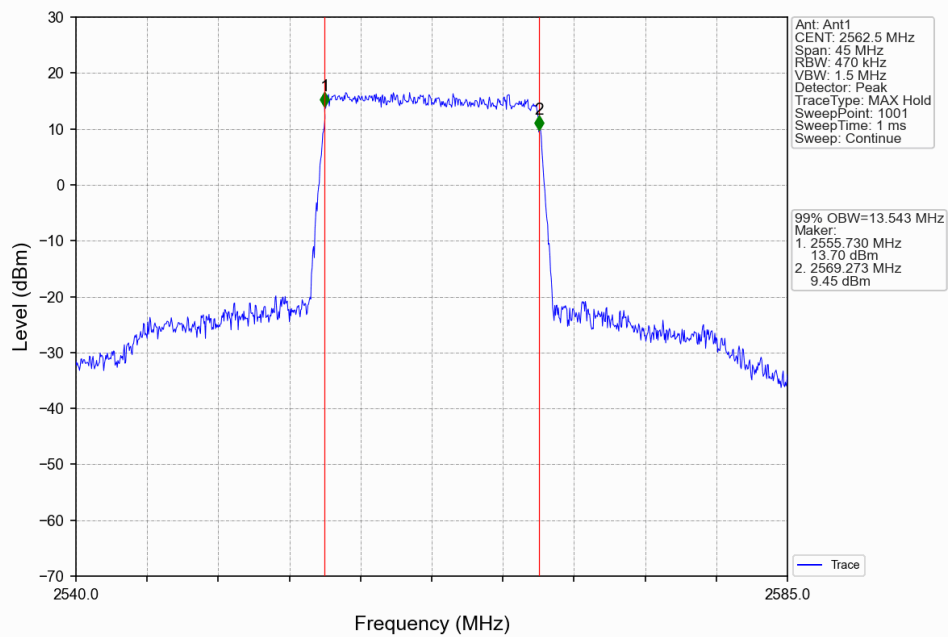
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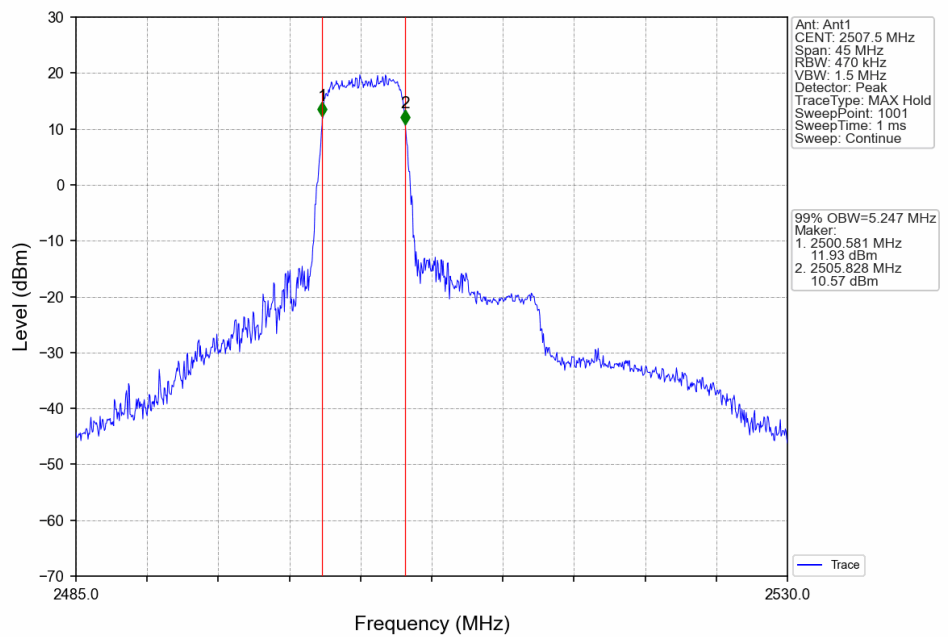
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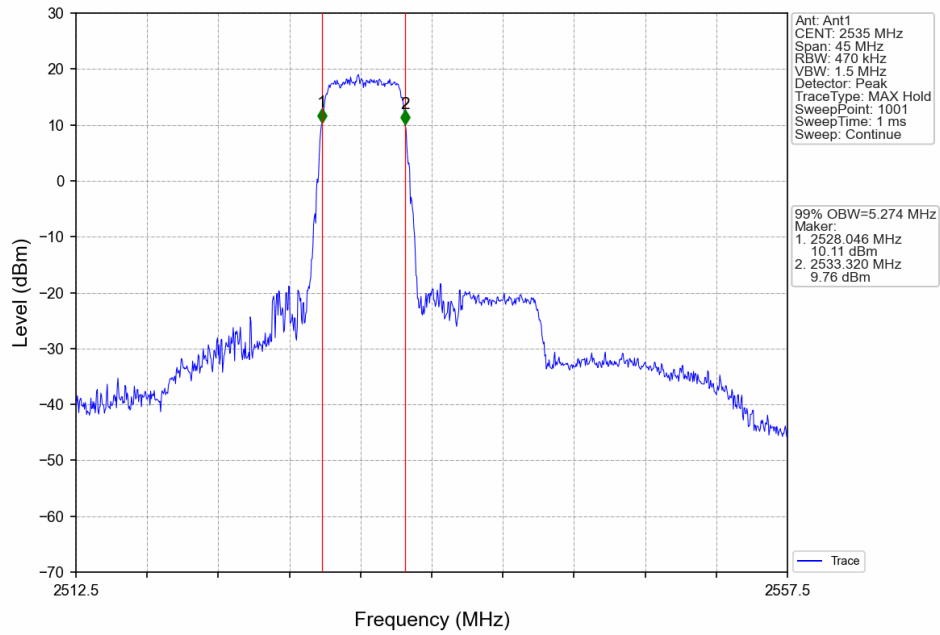
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



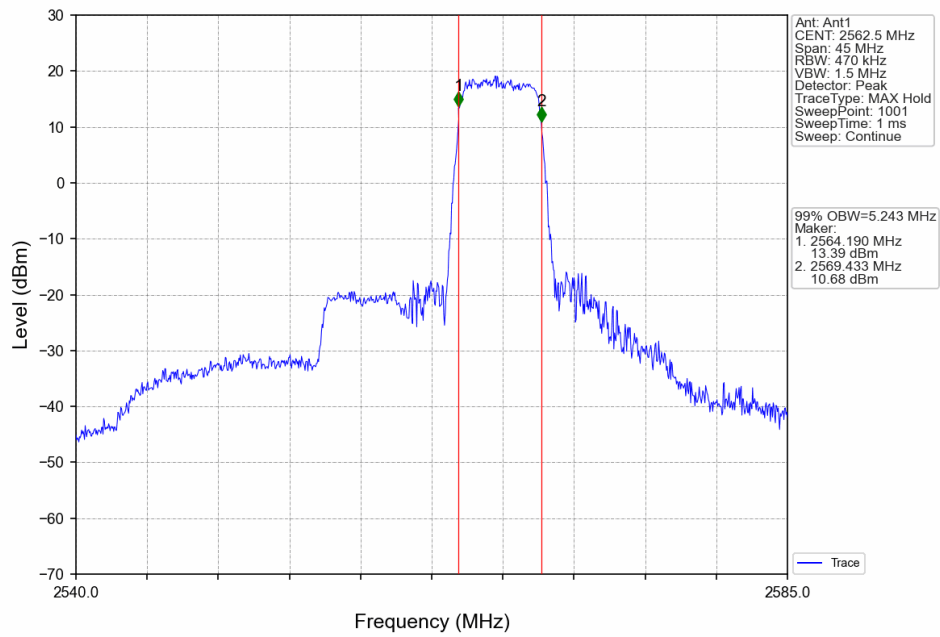
Band7 15MHz 16QAM LCH 2507.5MHz RB 27 0 NTNV



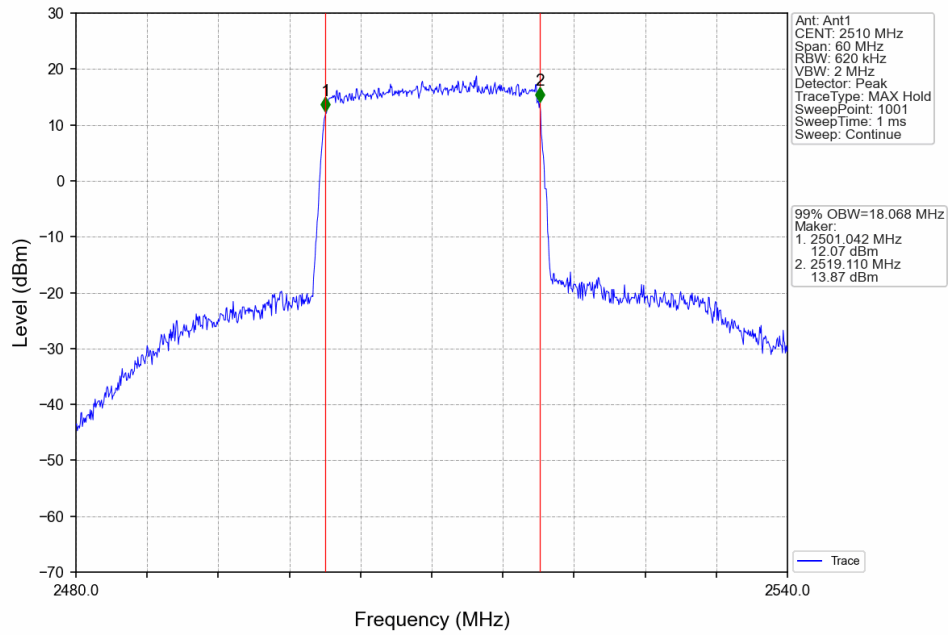
Band7 15MHz 16QAM MCH 2535MHz RB 27 0 NTNV



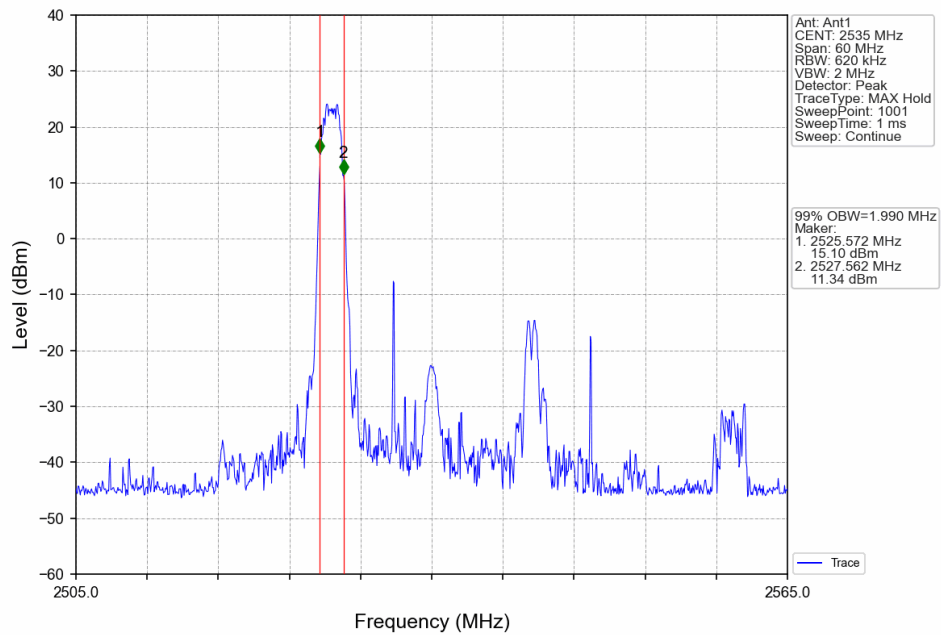
Band7 15MHz 16QAM HCH 2562.5MHz RB 27 48 NTNV



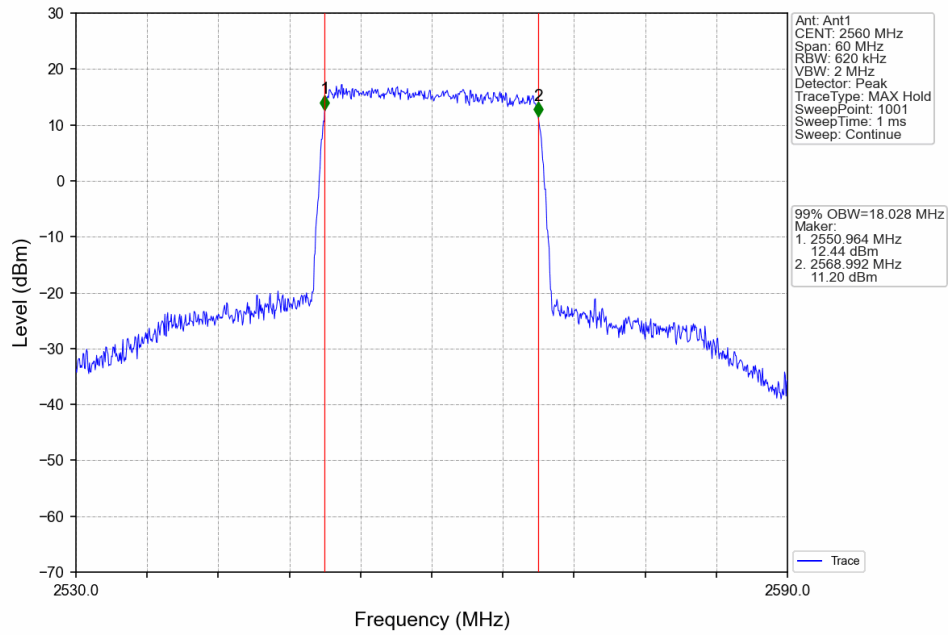
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



Band7 20MHz 16QAM LCH 2510MHz RB 27 0 NTNV

