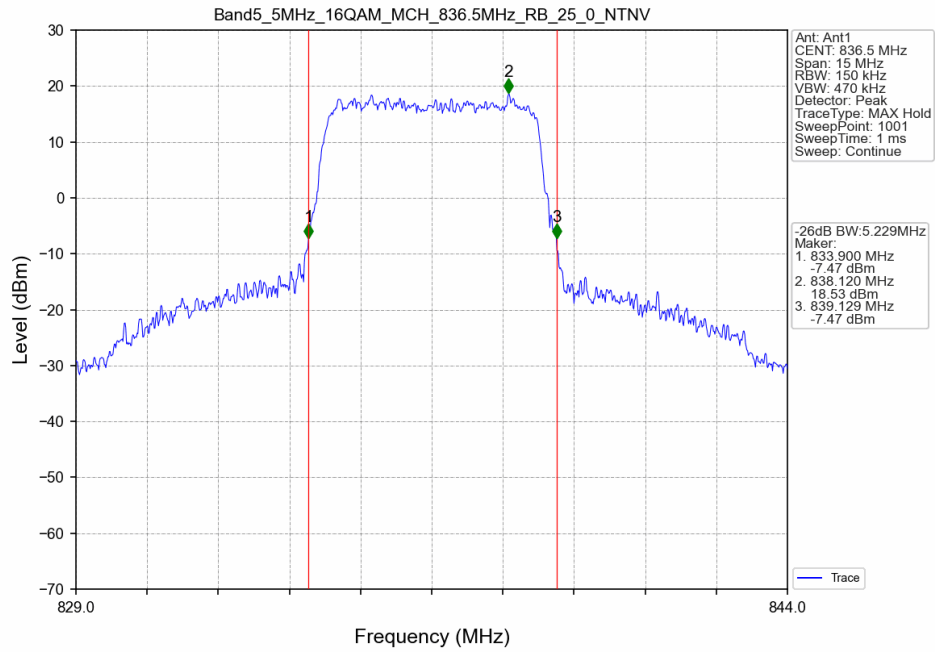
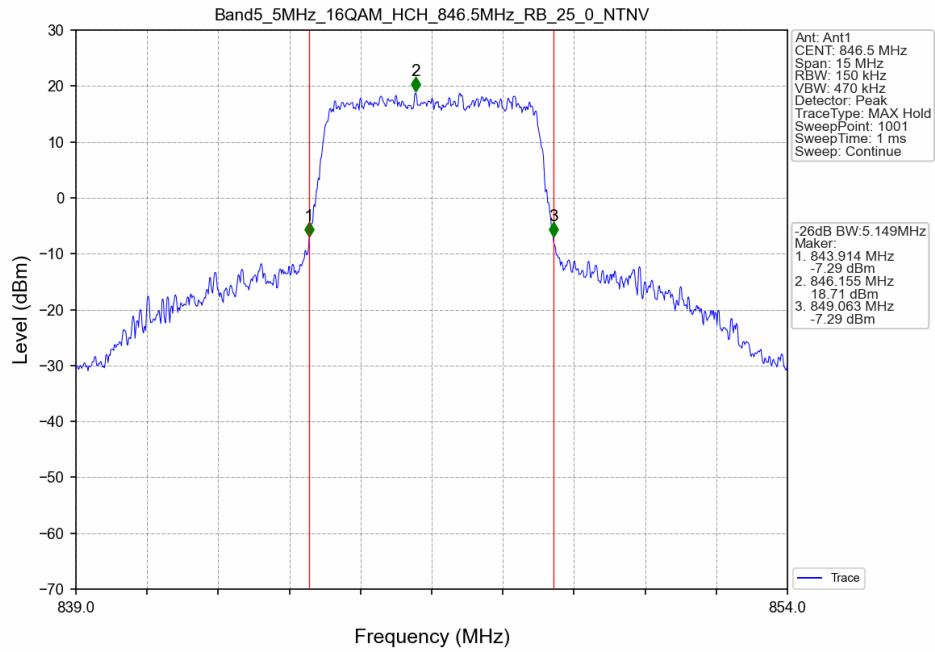


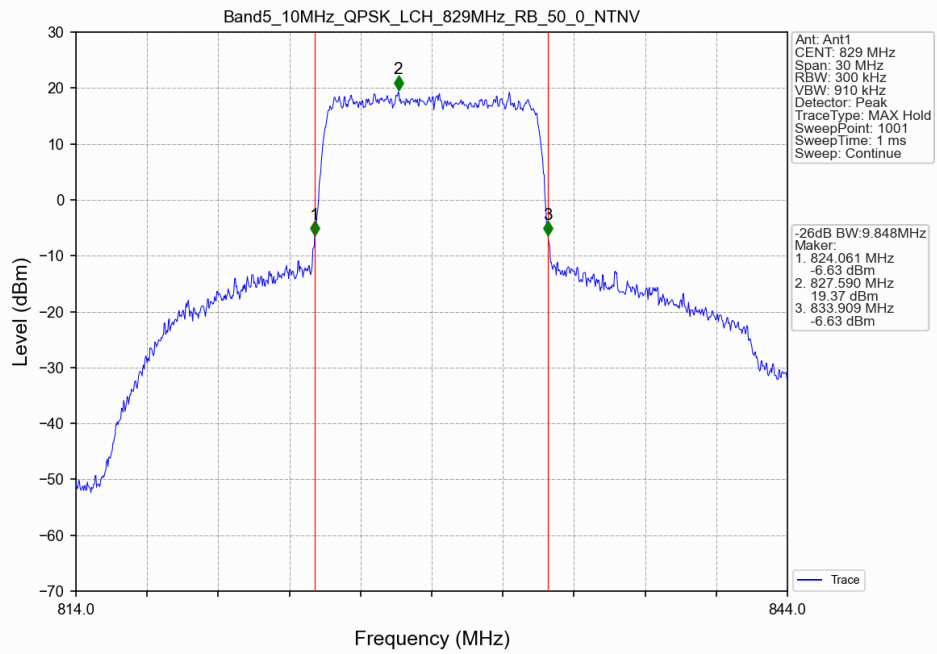
Band5 5MHz 16QAM MCH 836.5MHz RB 25 0 NTN



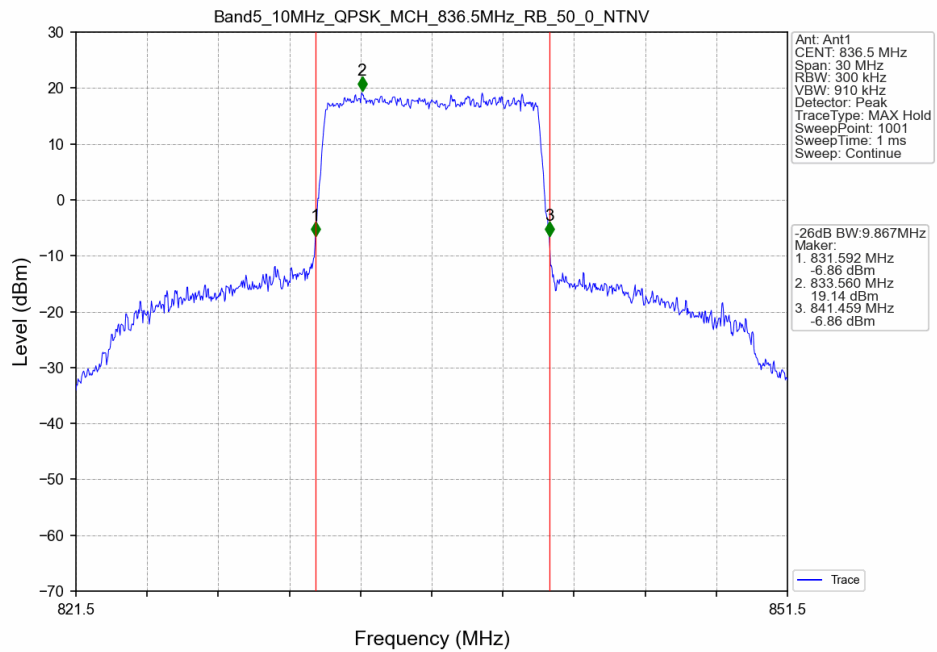
Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTN



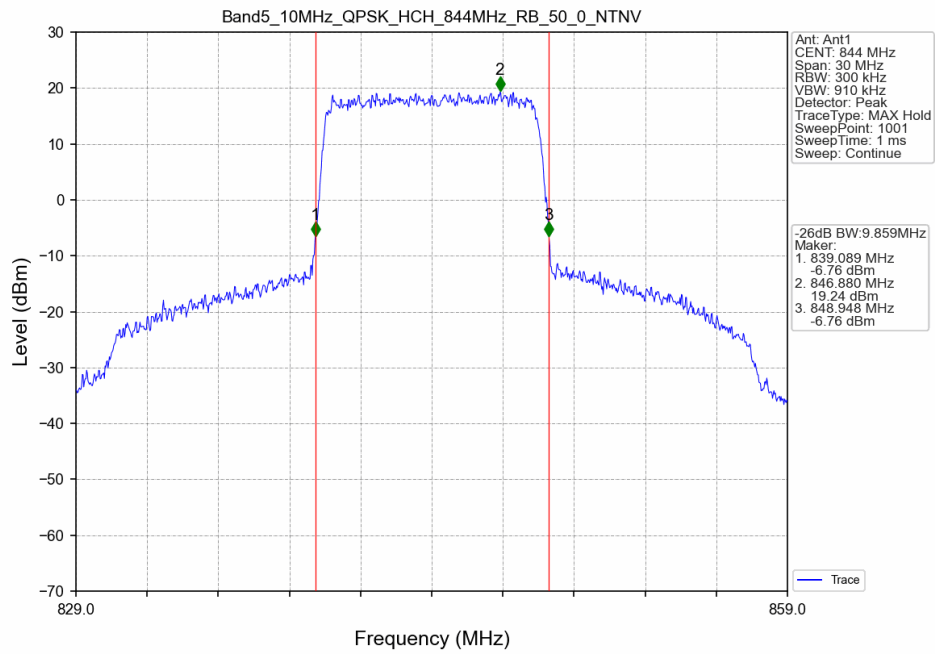
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



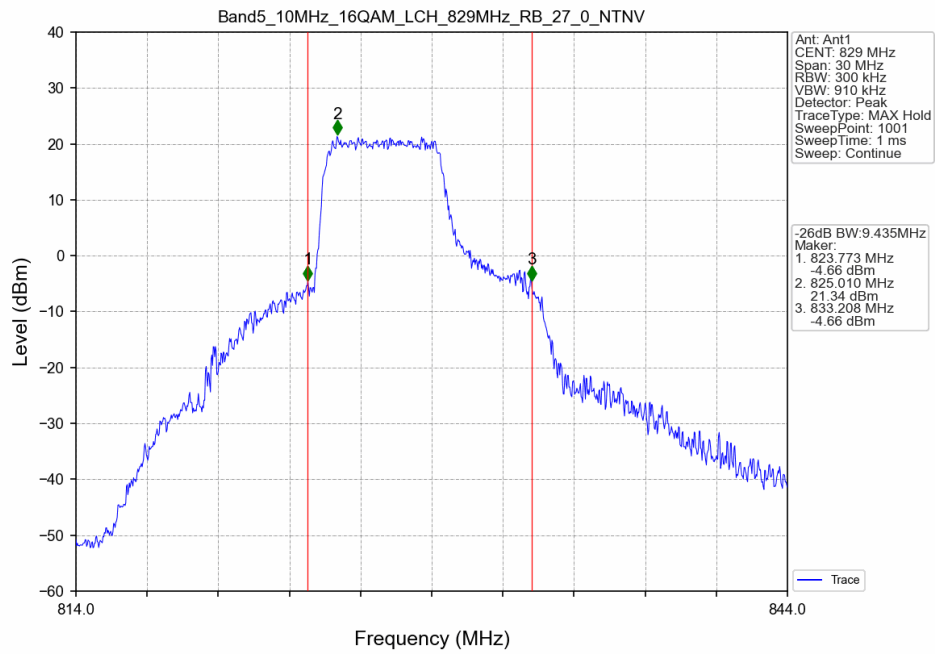
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



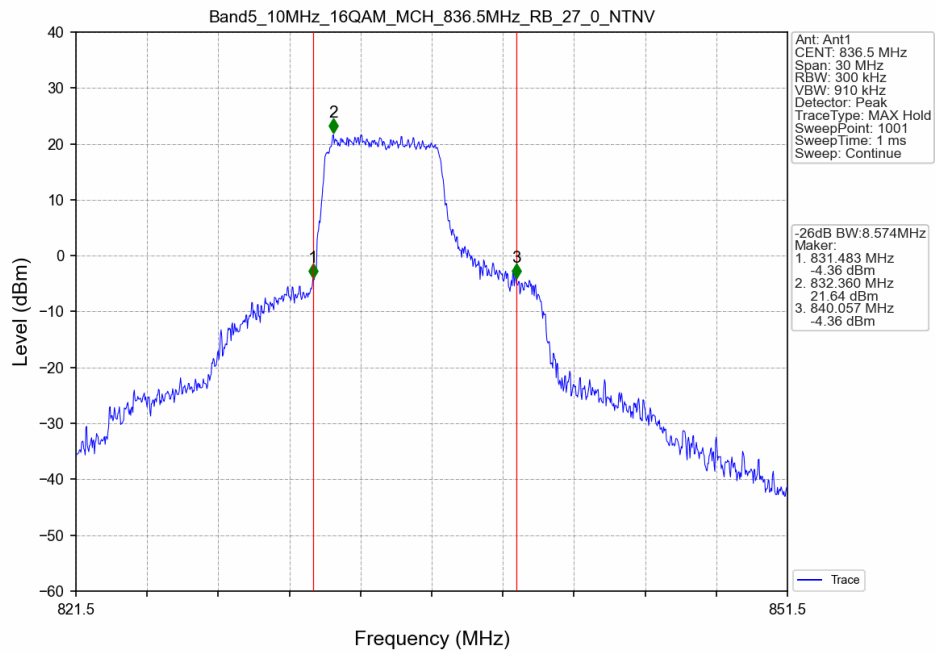
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



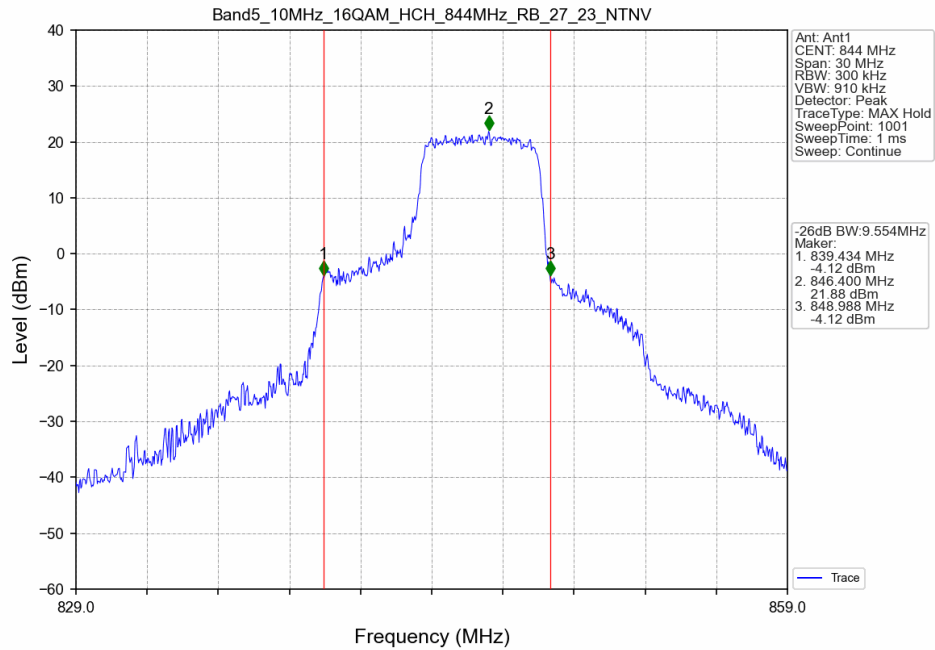
Band5_10MHz_16QAM_LCH_829MHz_RB_27_0_NTNV



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



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



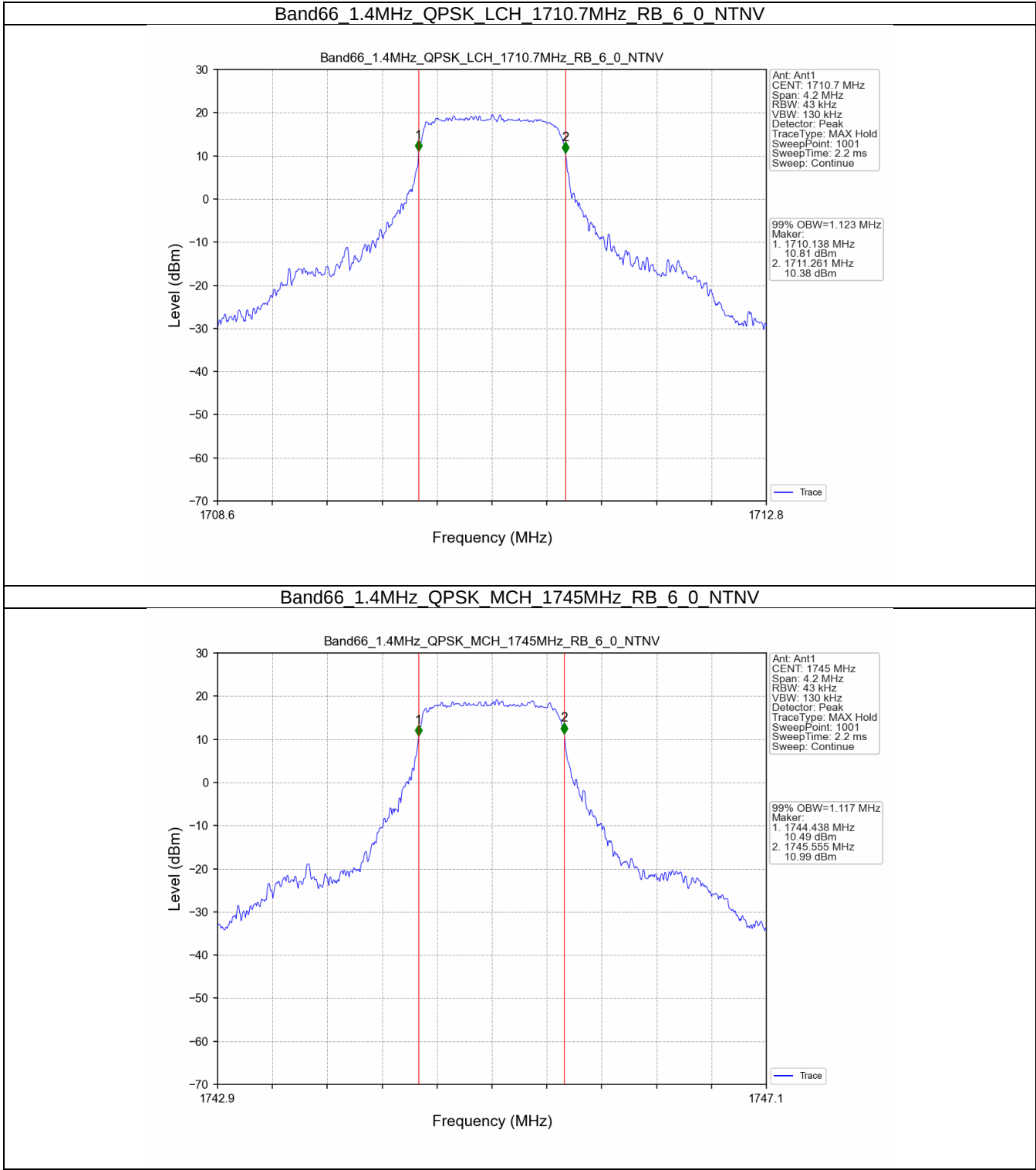
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

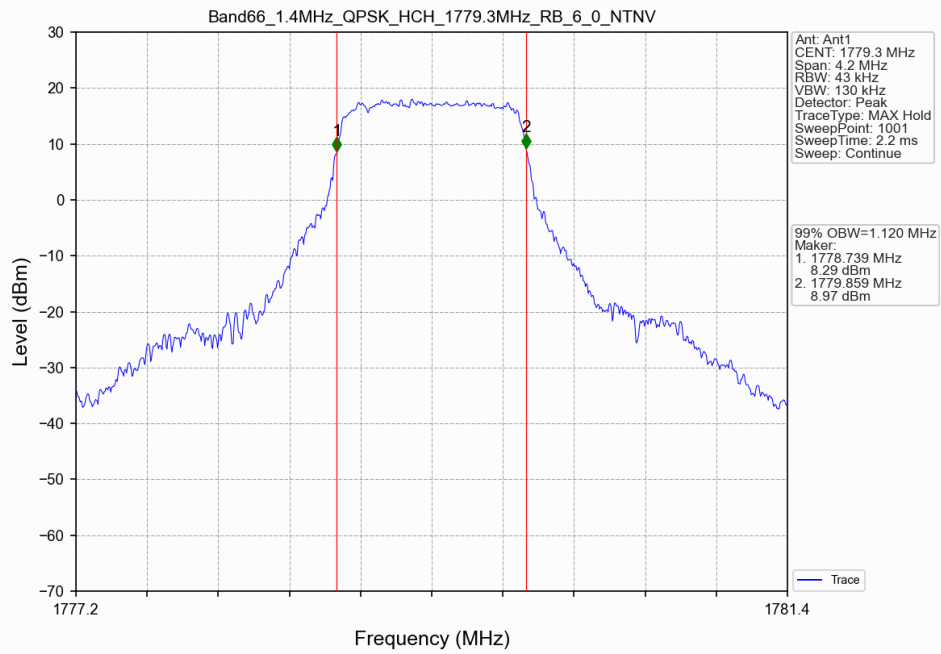
4.1.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.123	/	Pass
		1745	6	0	1.117	/	Pass
		1779.3	6	0	1.120	/	Pass
	16QAM	1710.7	6	0	1.118	/	Pass
		1745	6	0	1.125	/	Pass
		1779.3	6	0	1.136	/	Pass
3	QPSK	1711.5	15	0	2.745	/	Pass
		1745	15	0	2.732	/	Pass
		1778.5	15	0	2.728	/	Pass
	16QAM	1711.5	15	0	2.755	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.742	/	Pass
5	QPSK	1712.5	25	0	4.549	/	Pass
		1745	25	0	4.533	/	Pass
		1777.5	25	0	4.536	/	Pass
	16QAM	1712.5	25	0	4.528	/	Pass
		1745	25	0	4.528	/	Pass
		1777.5	25	0	4.523	/	Pass
10	QPSK	1715	50	0	9.009	/	Pass
		1745	50	0	9.011	/	Pass
		1775	50	0	8.992	/	Pass
	16QAM	1715	27	0	5.607	/	Pass
		1745	27	0	5.496	/	Pass
		1775	27	23	5.693	/	Pass
15	QPSK	1717.5	75	0	13.805	/	Pass
		1745	75	0	13.663	/	Pass
		1772.5	75	0	13.763	/	Pass
	16QAM	1717.5	27	0	7.093	/	Pass
		1745	27	0	7.345	/	Pass
		1772.5	27	48	8.491	/	Pass
20	QPSK	1720	100	0	18.270	/	Pass
		1745	100	0	18.161	/	Pass
		1770	100	0	18.285	/	Pass
	16QAM	1720	27	0	9.458	/	Pass
		1745	27	0	9.377	/	Pass
		1770	27	73	17.781	/	Pass

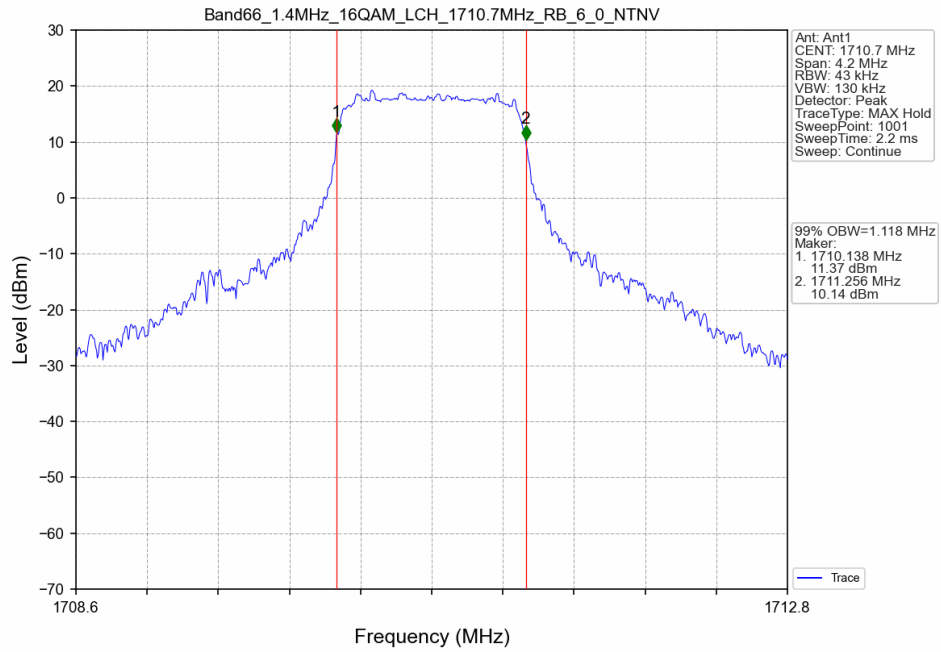
4.1.2 Test Graph



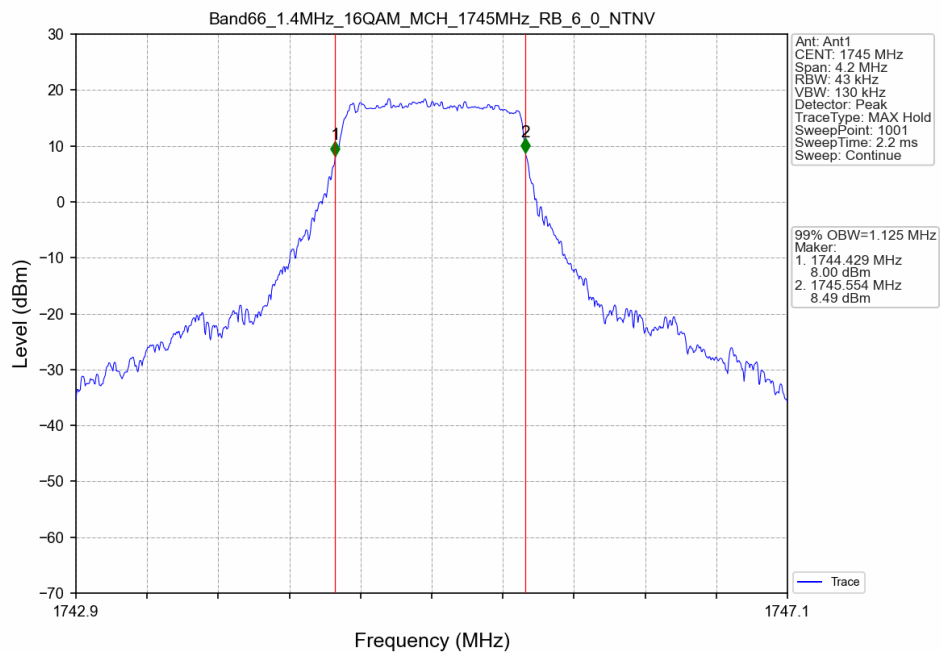
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



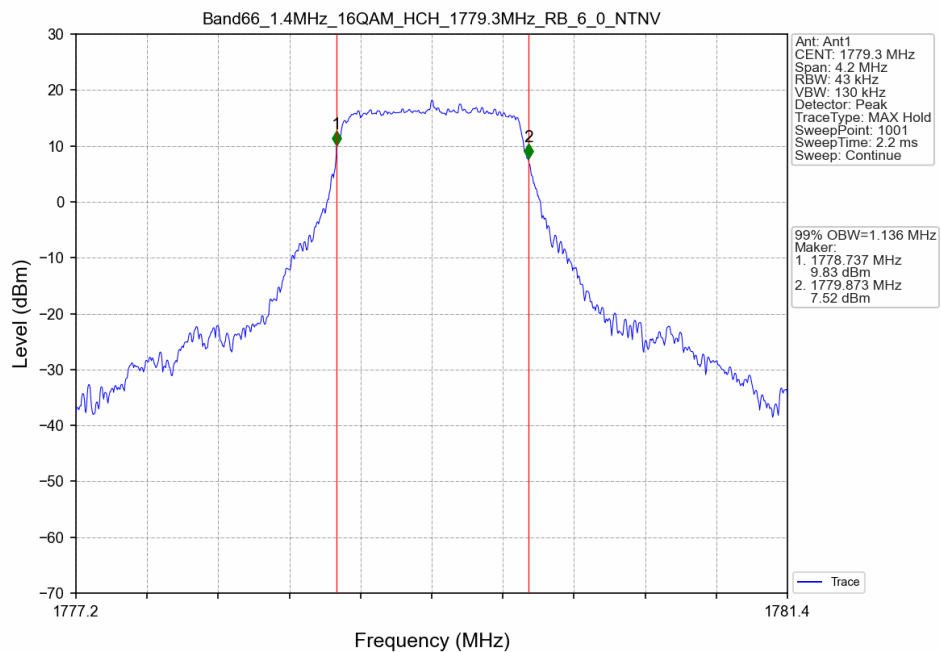
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



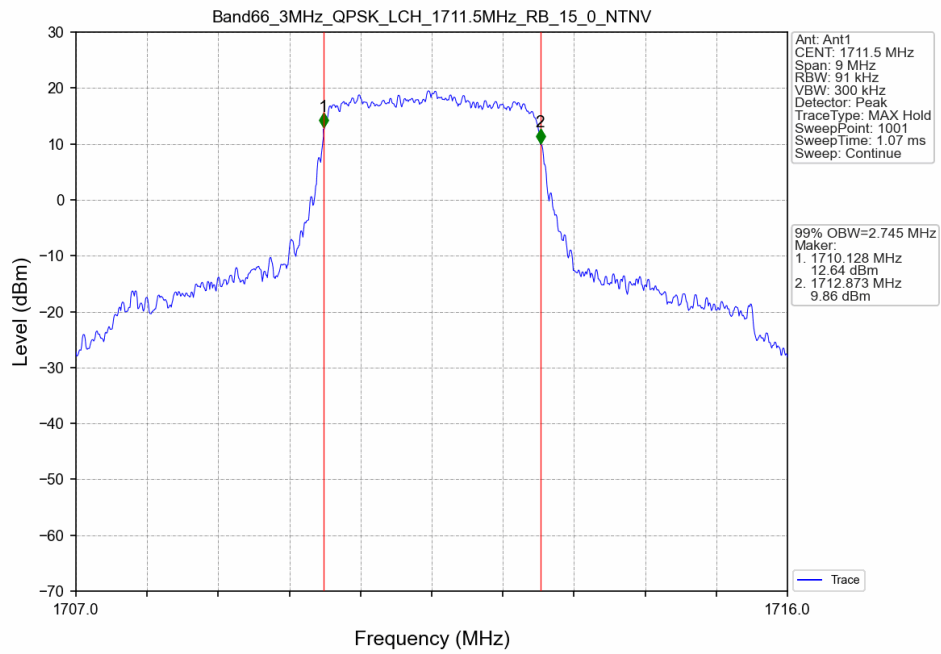
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV



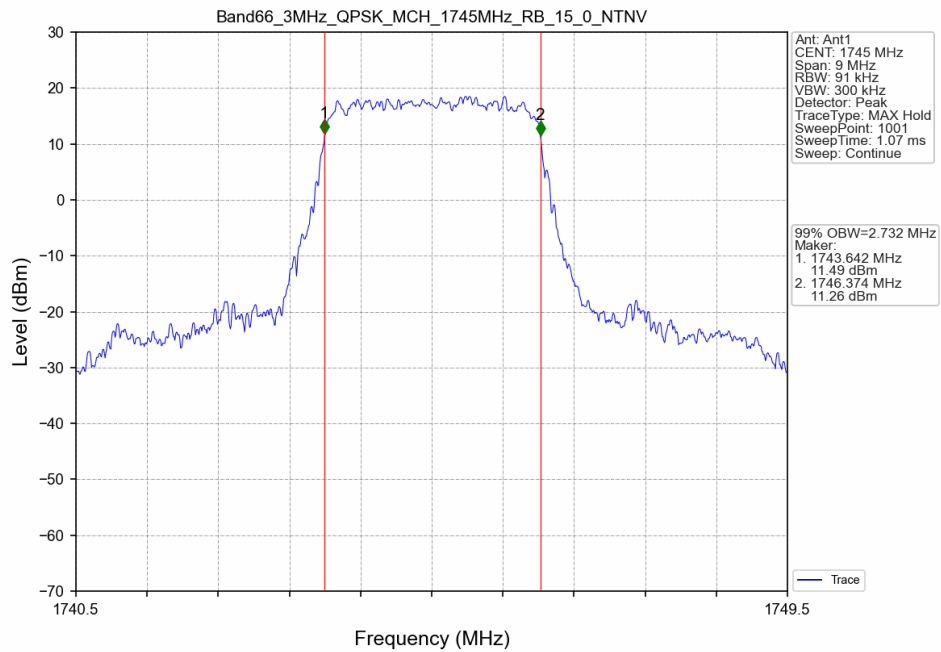
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV



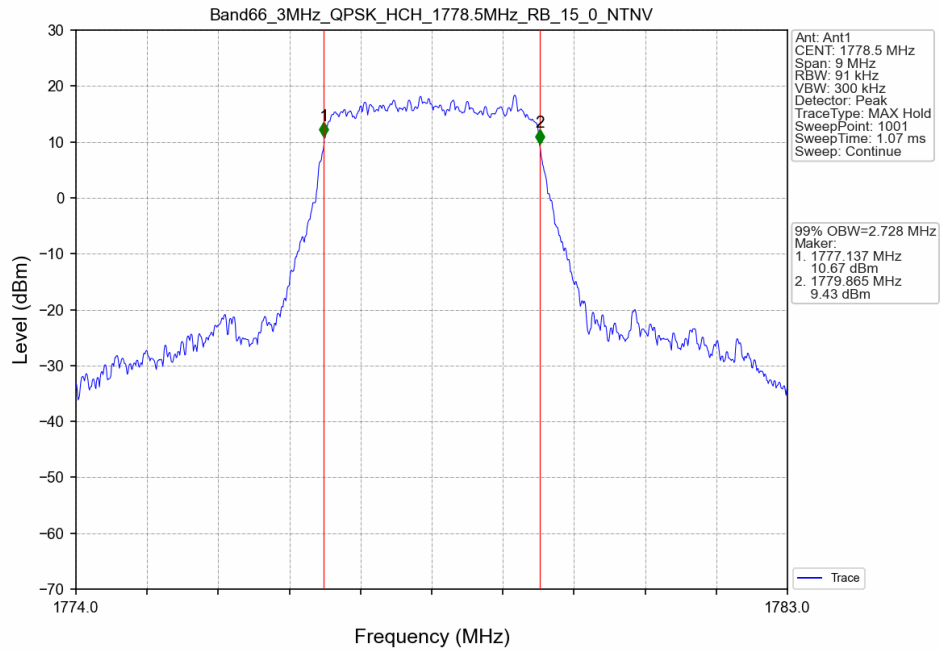
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



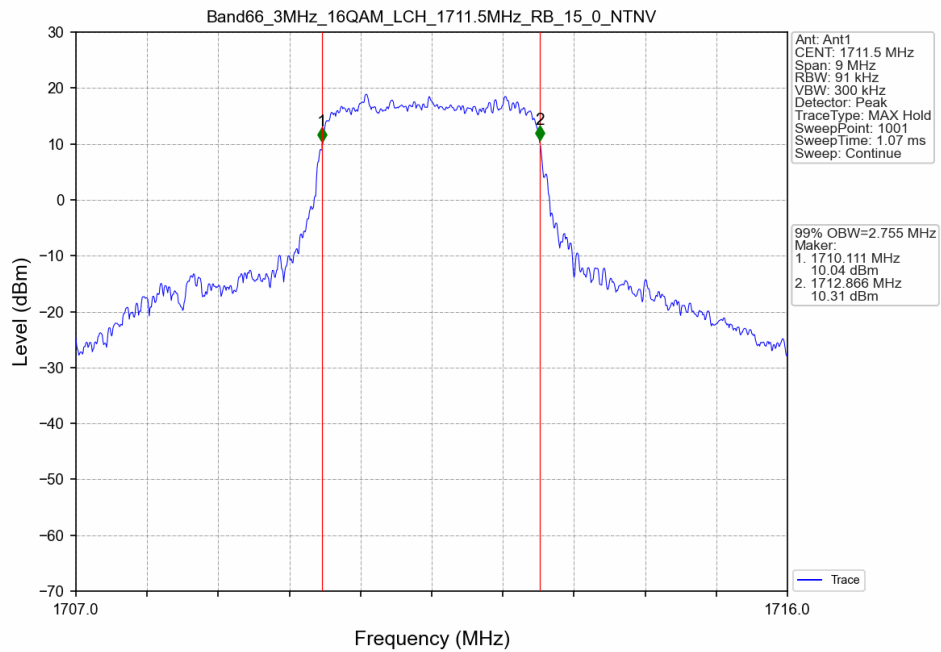
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



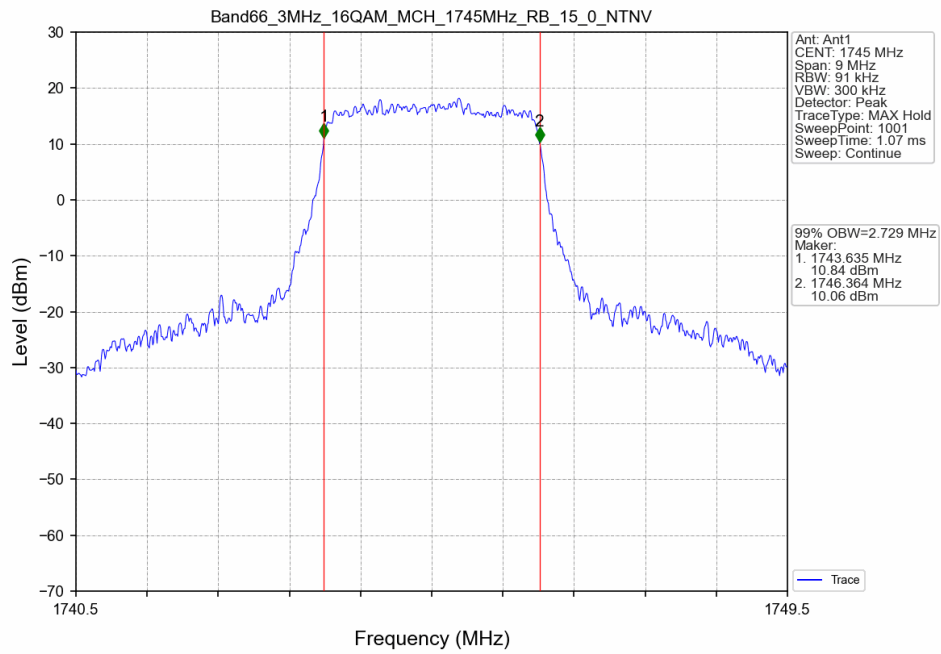
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV



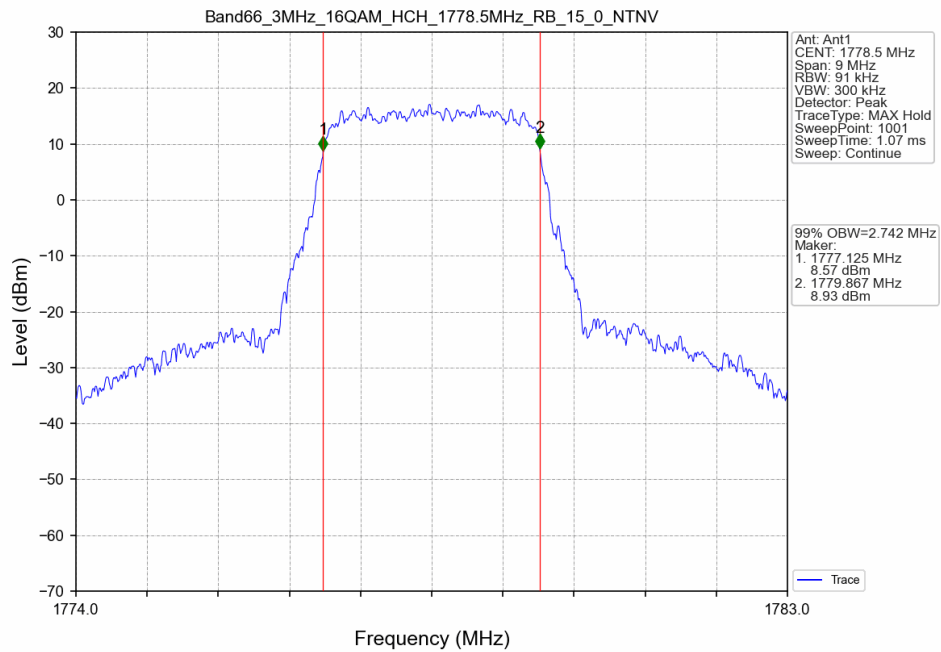
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



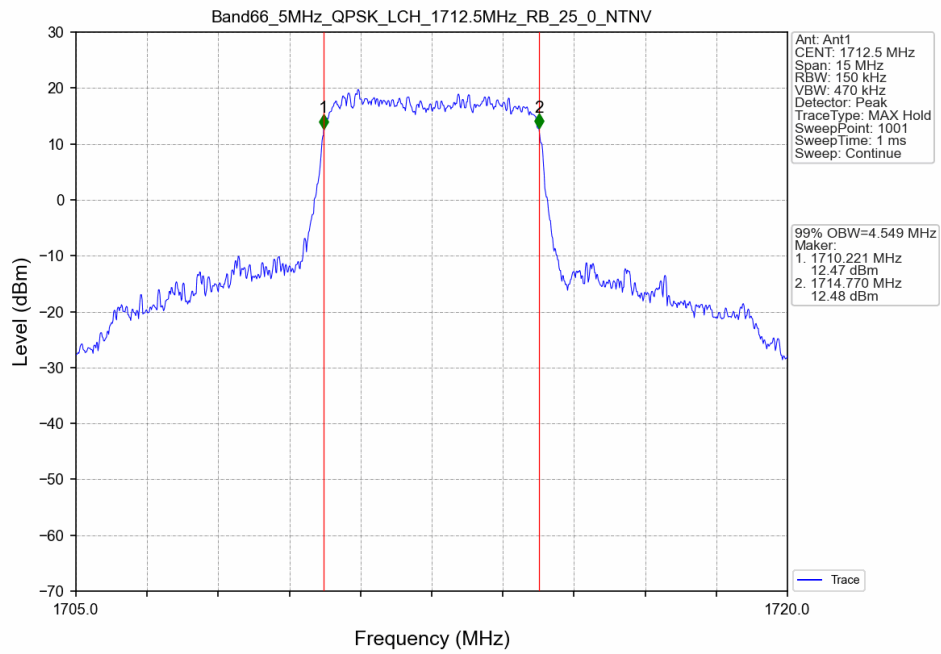
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



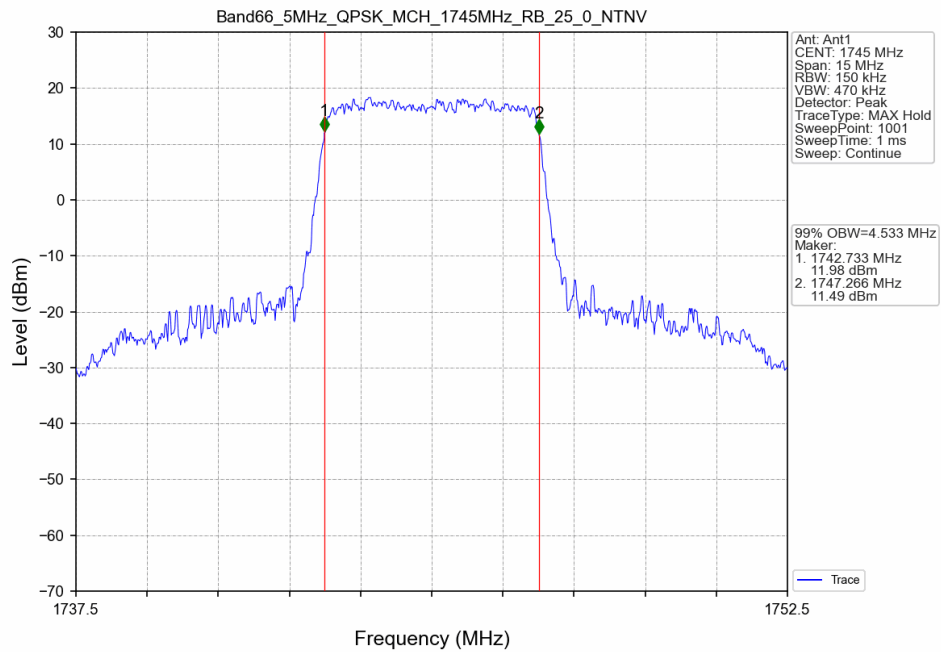
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTV



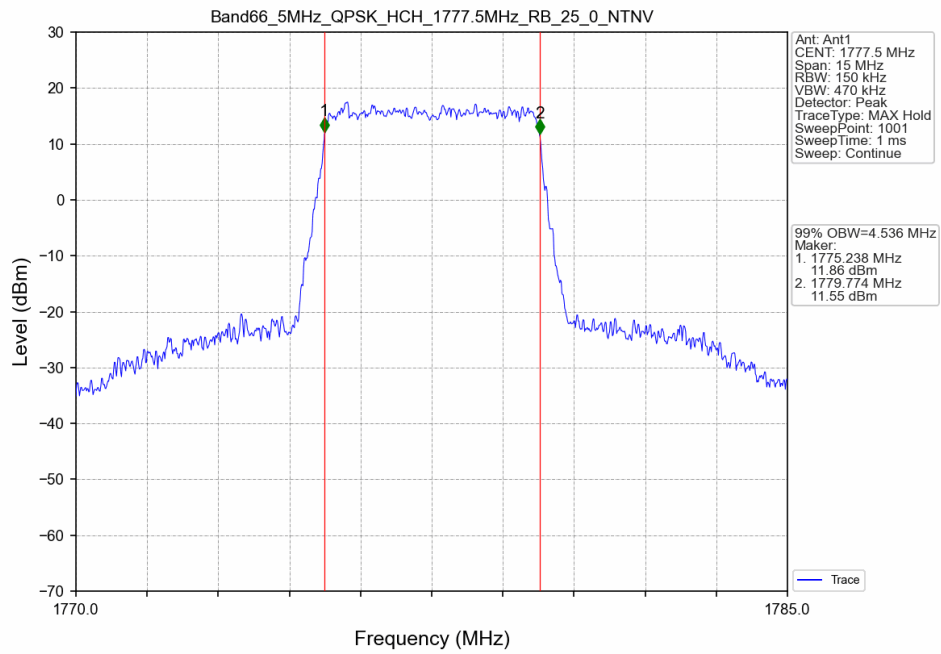
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



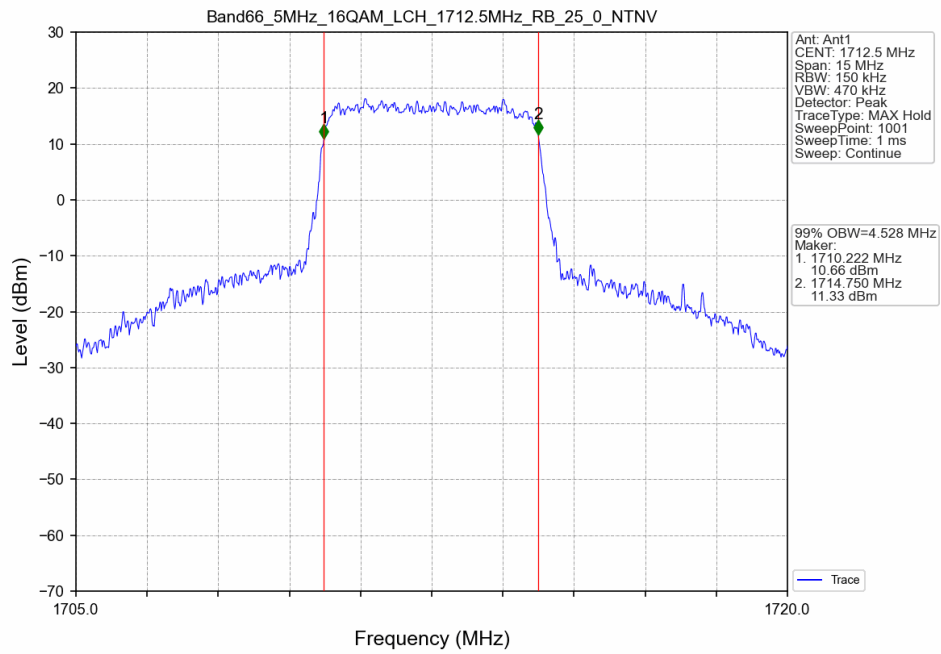
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



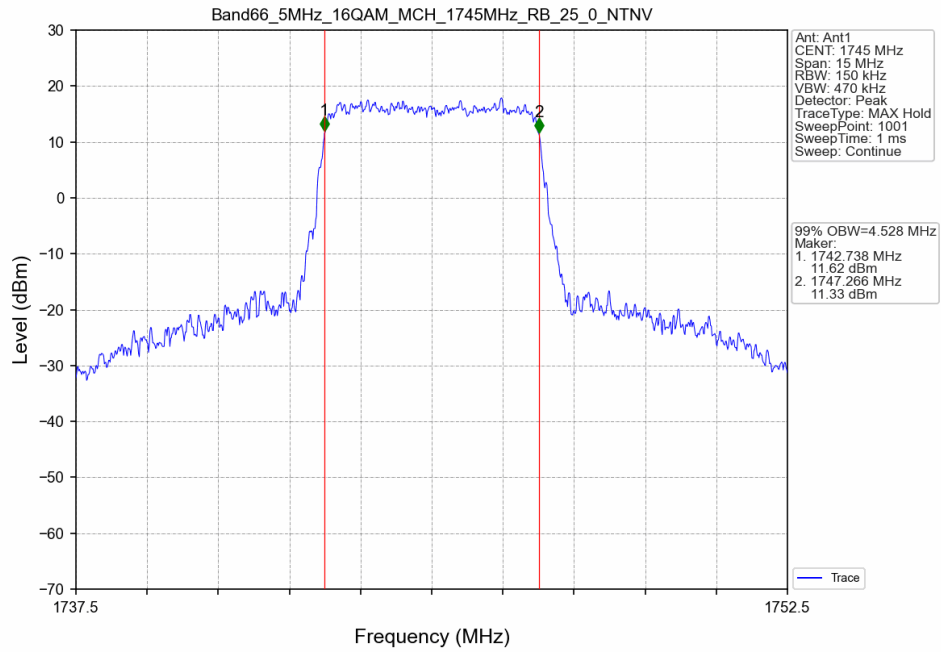
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV



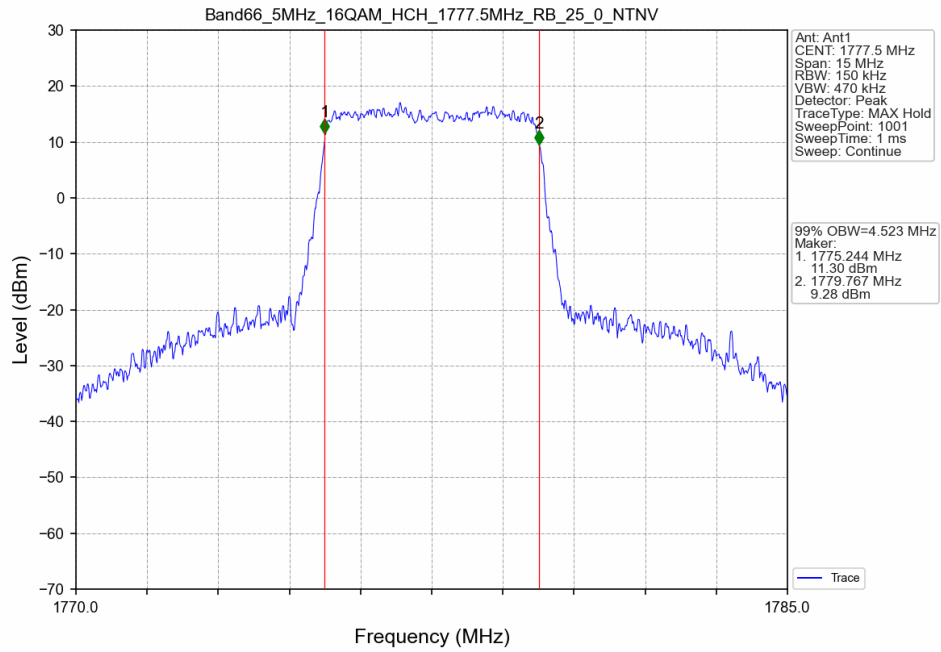
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



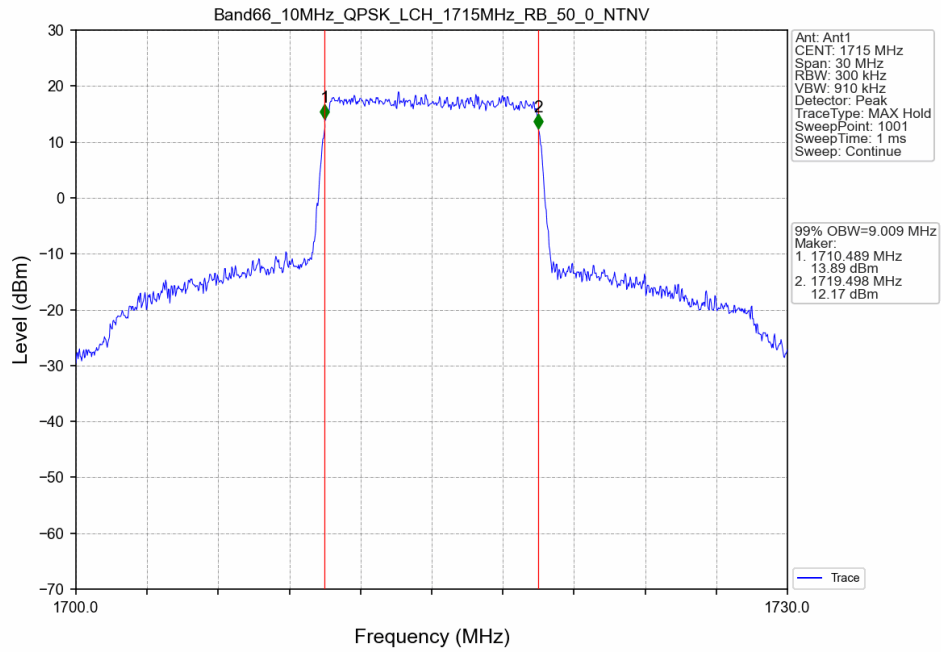
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



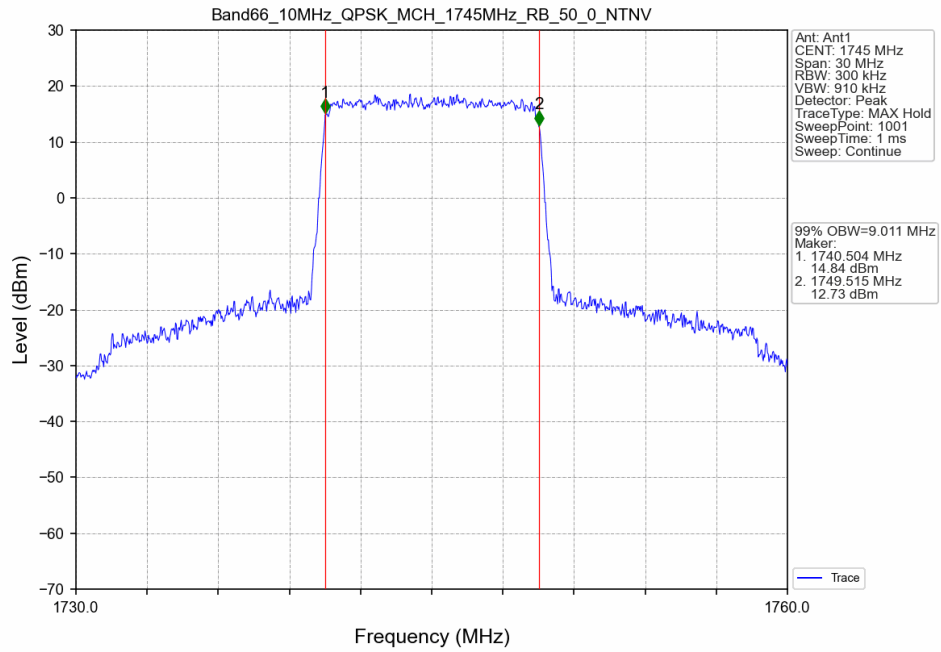
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



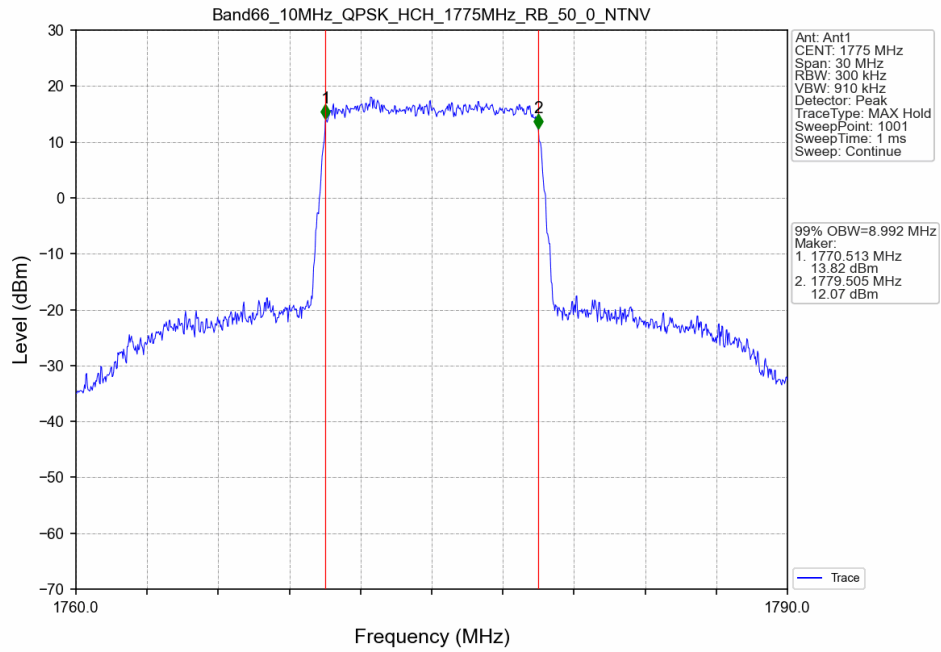
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



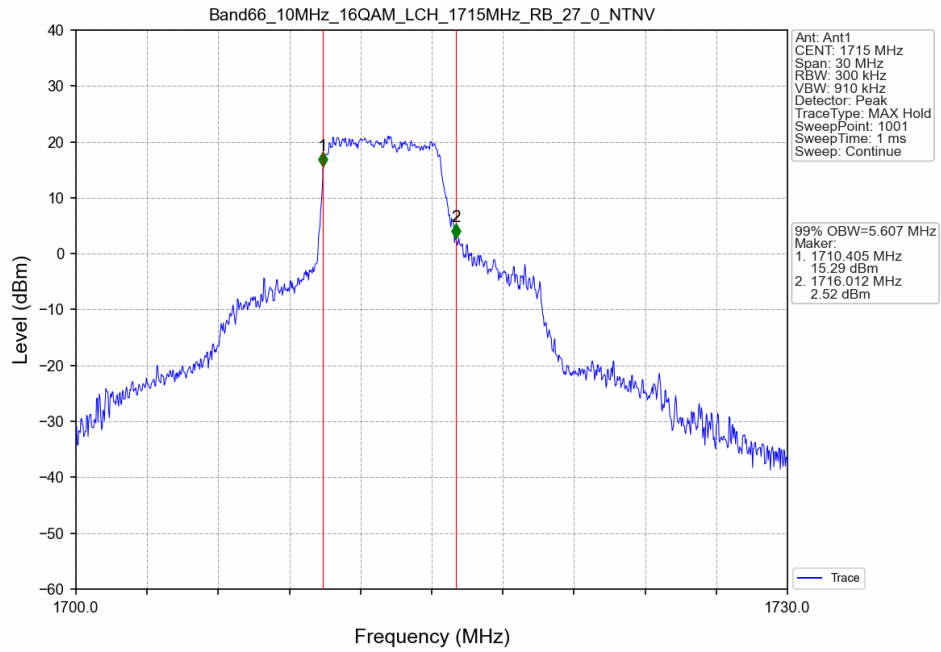
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



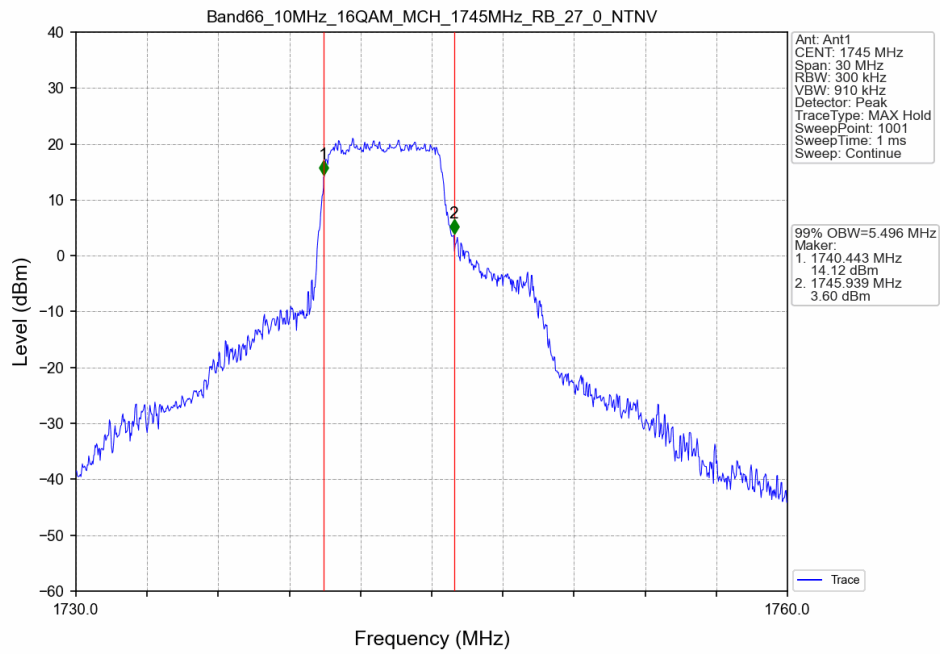
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



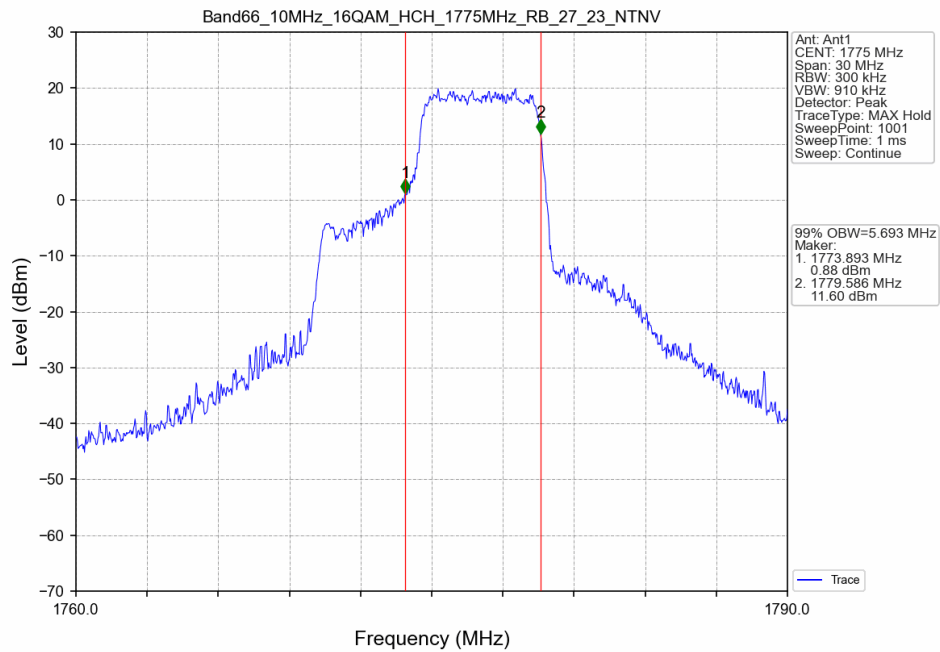
Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



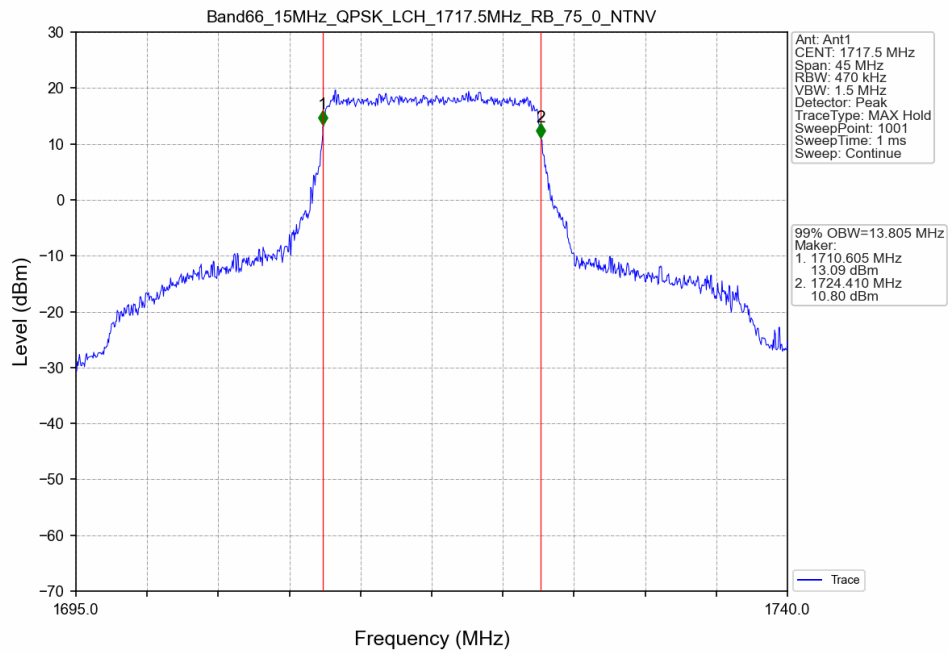
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTNV



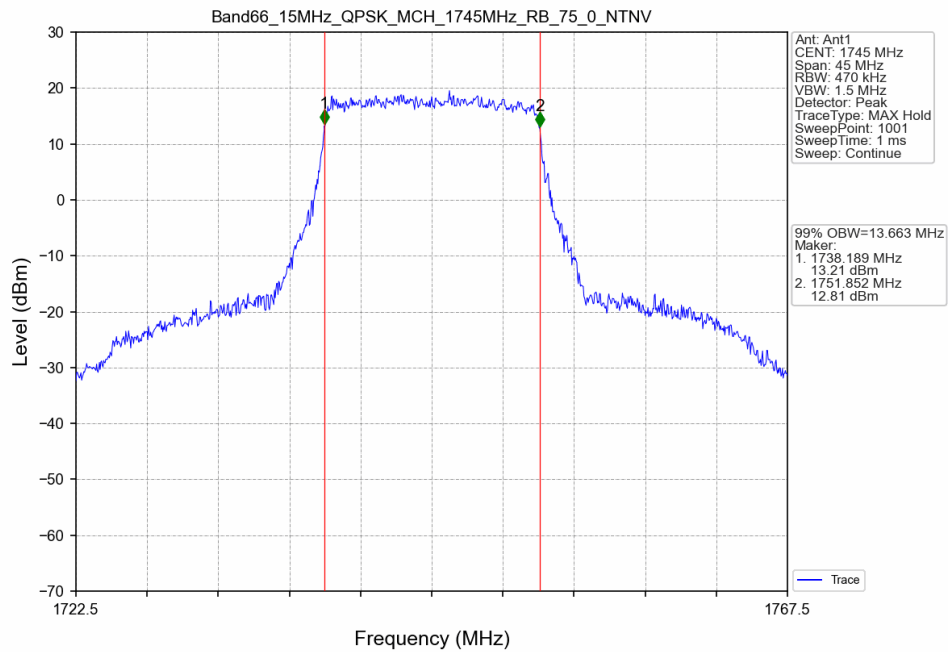
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTNV



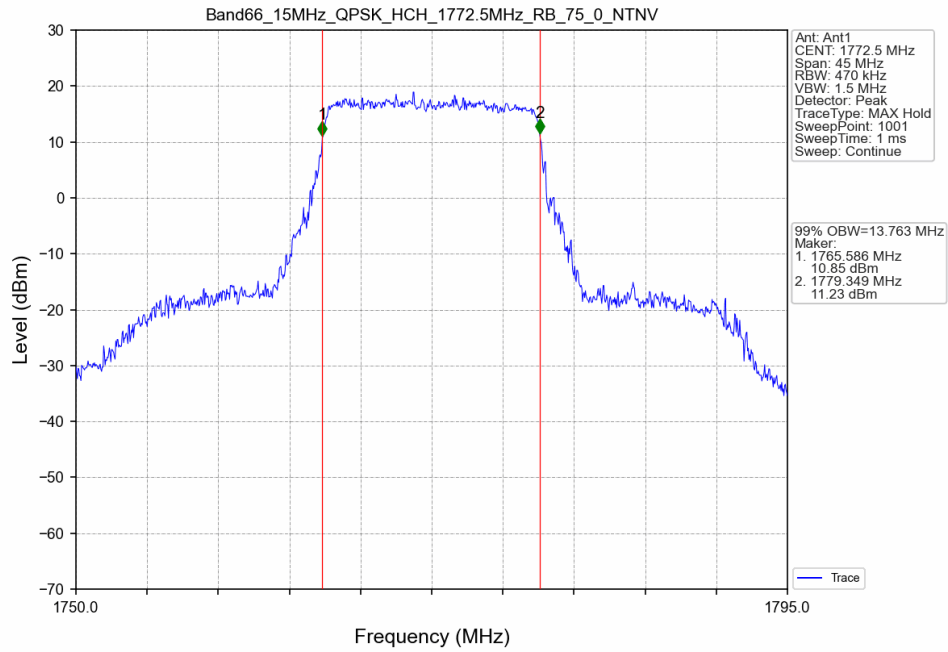
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



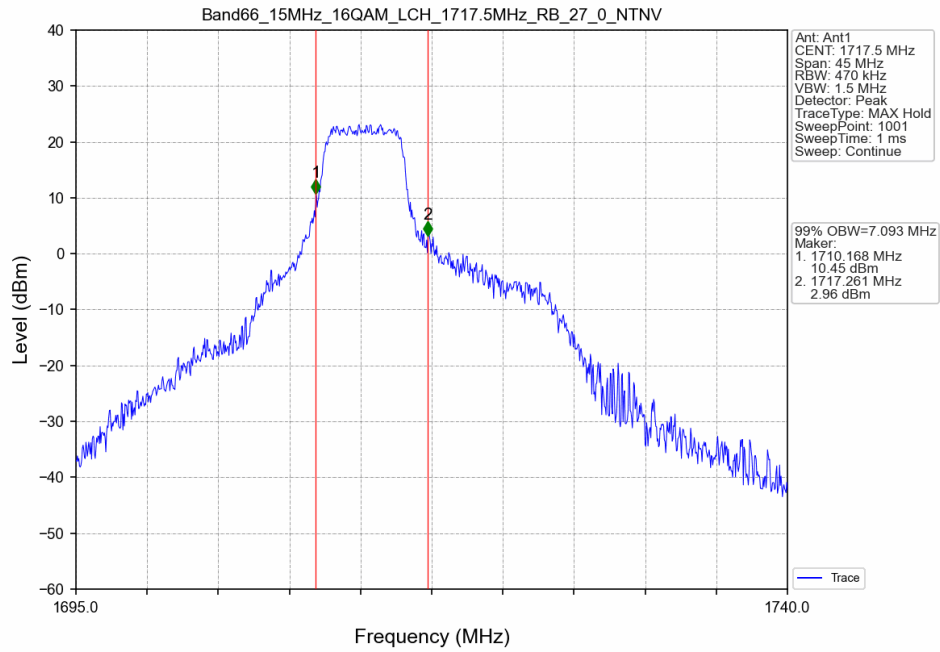
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



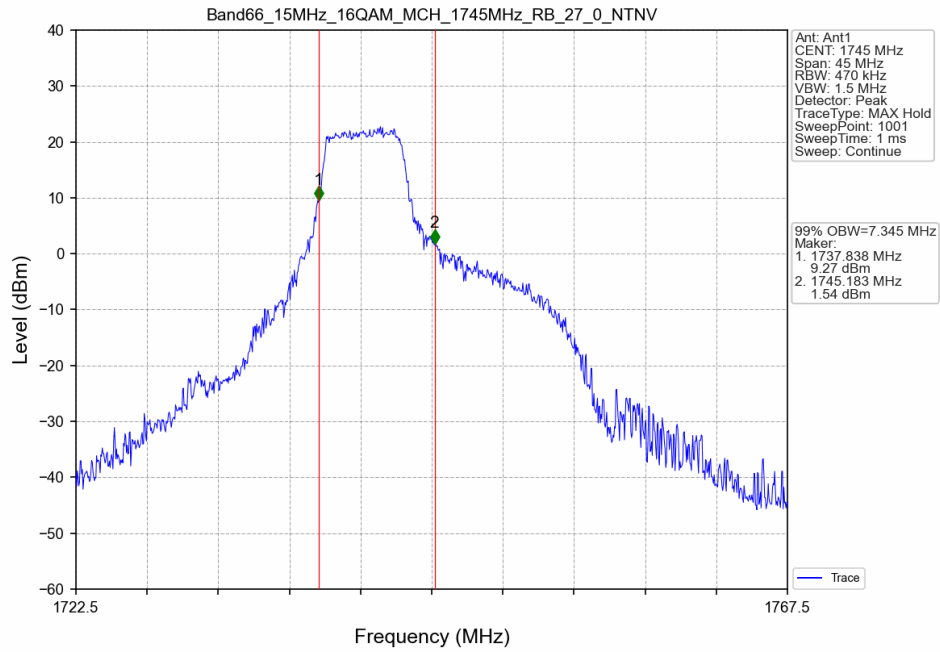
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV



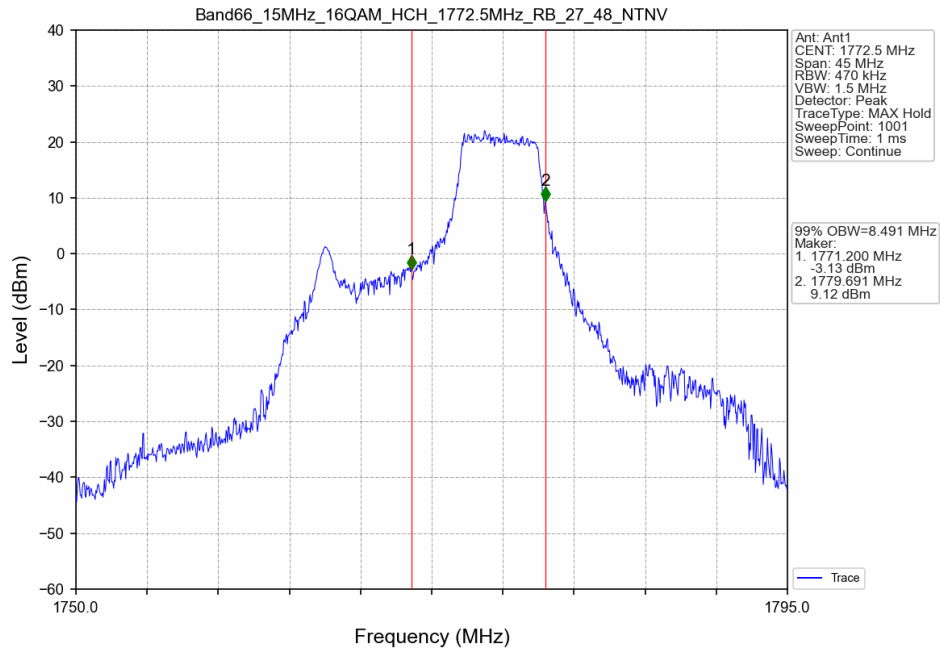
Band66 15MHz 16QAM LCH 1717.5MHz RB 27 0 NTNV



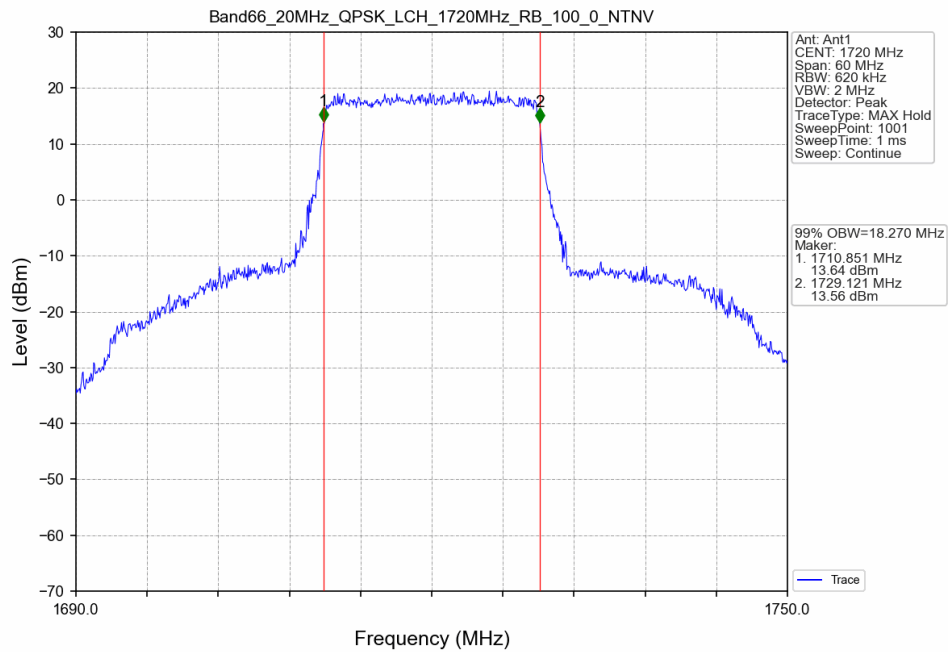
Band66 15MHz 16QAM MCH 1745MHz RB 27 0 NTNV



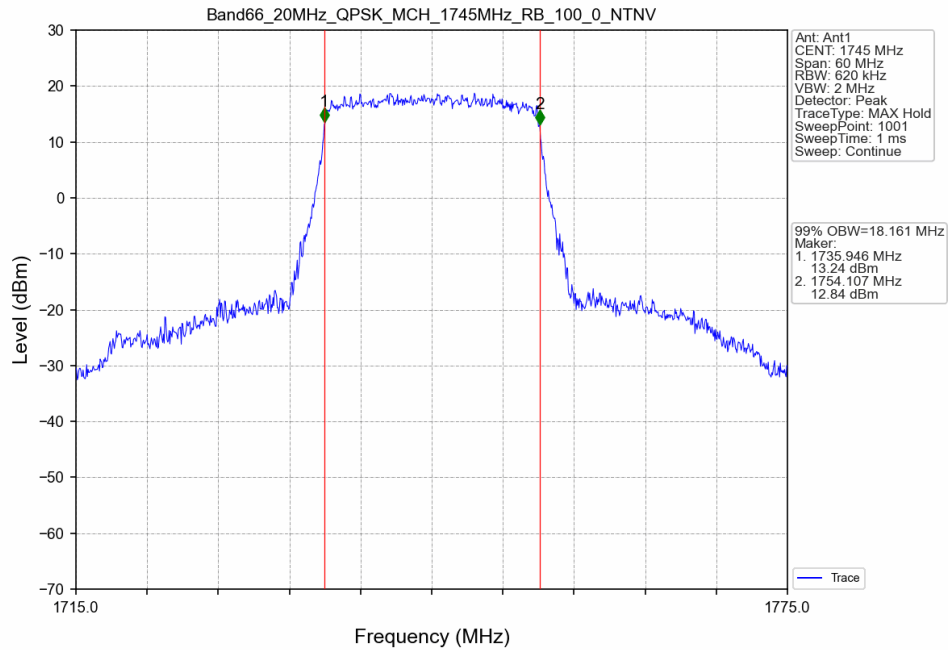
Band66 15MHz 16QAM HCH 1772.5MHz RB 27 48 NTNV



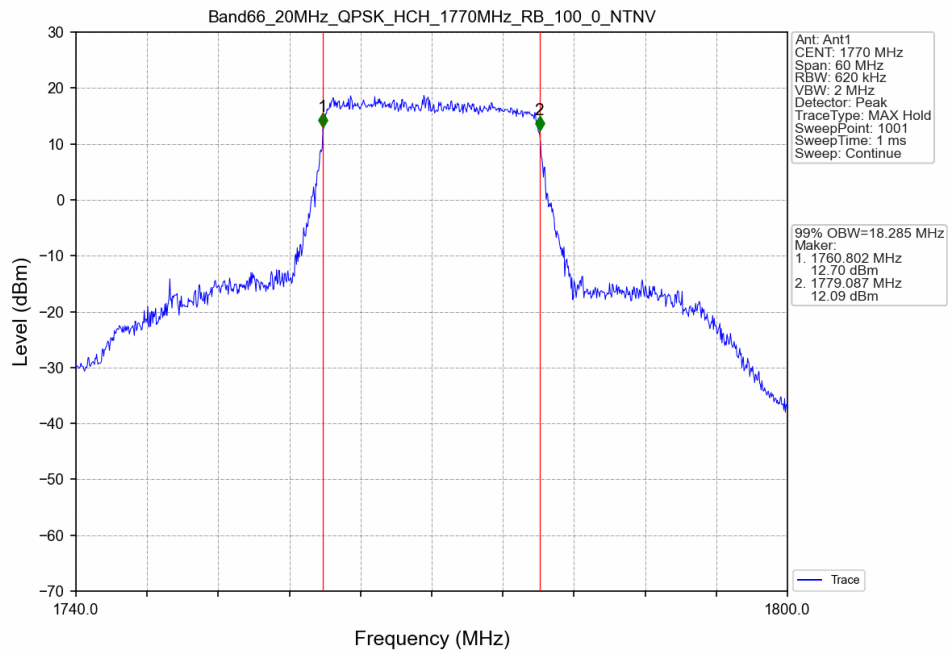
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTV



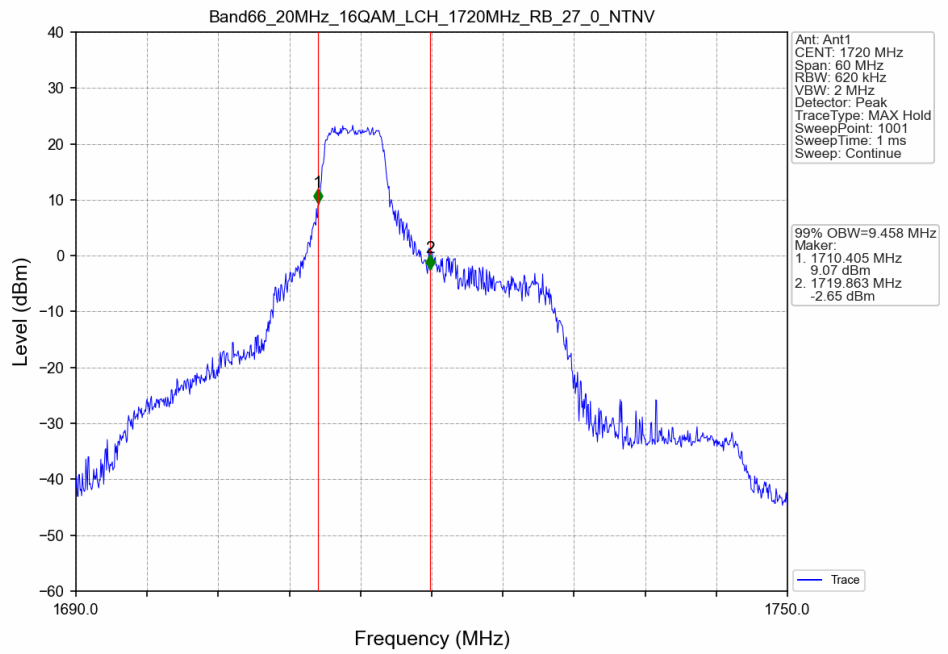
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



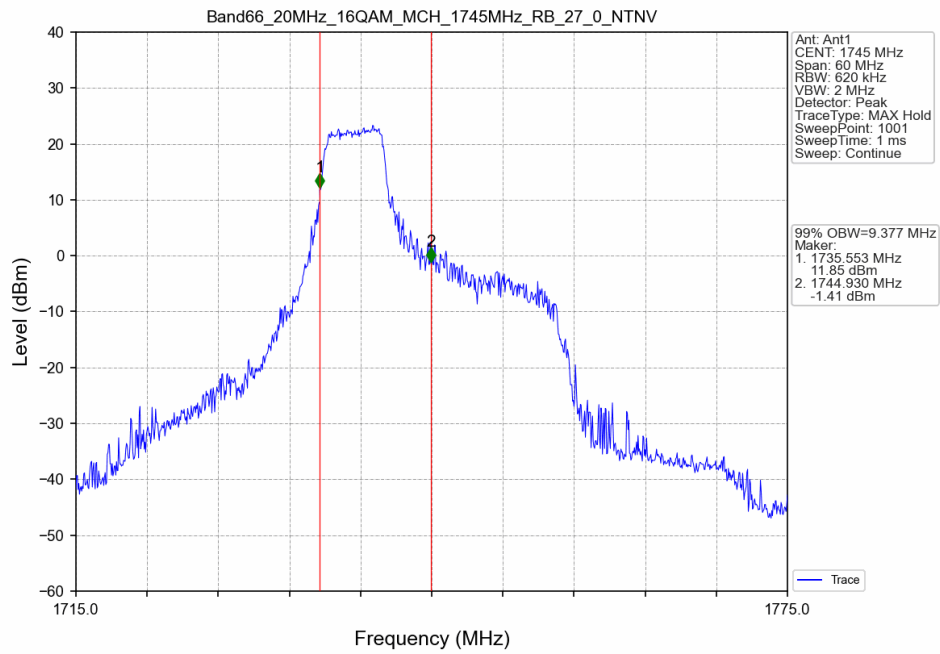
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



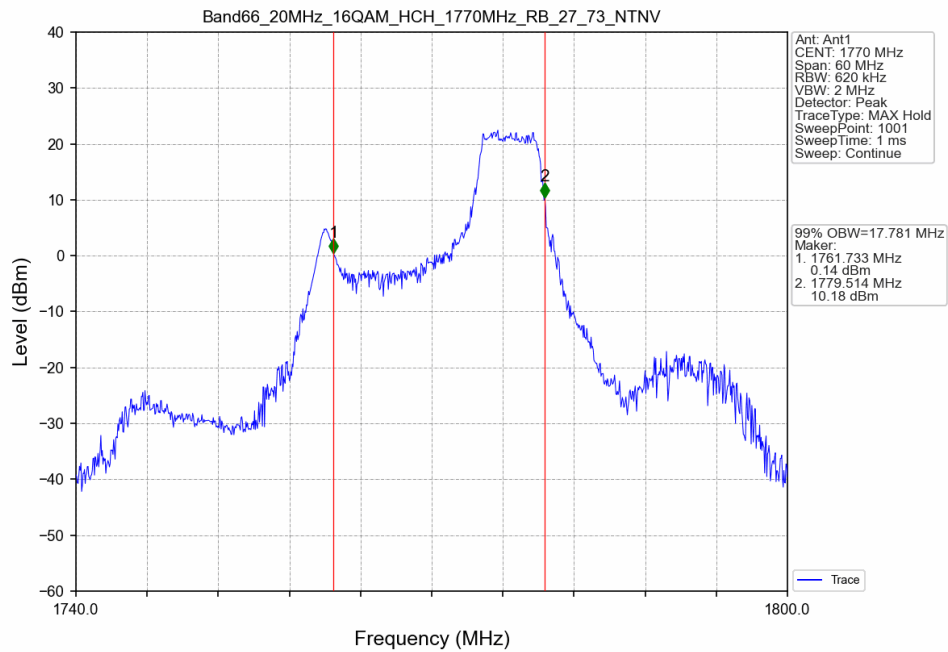
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTNV



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



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

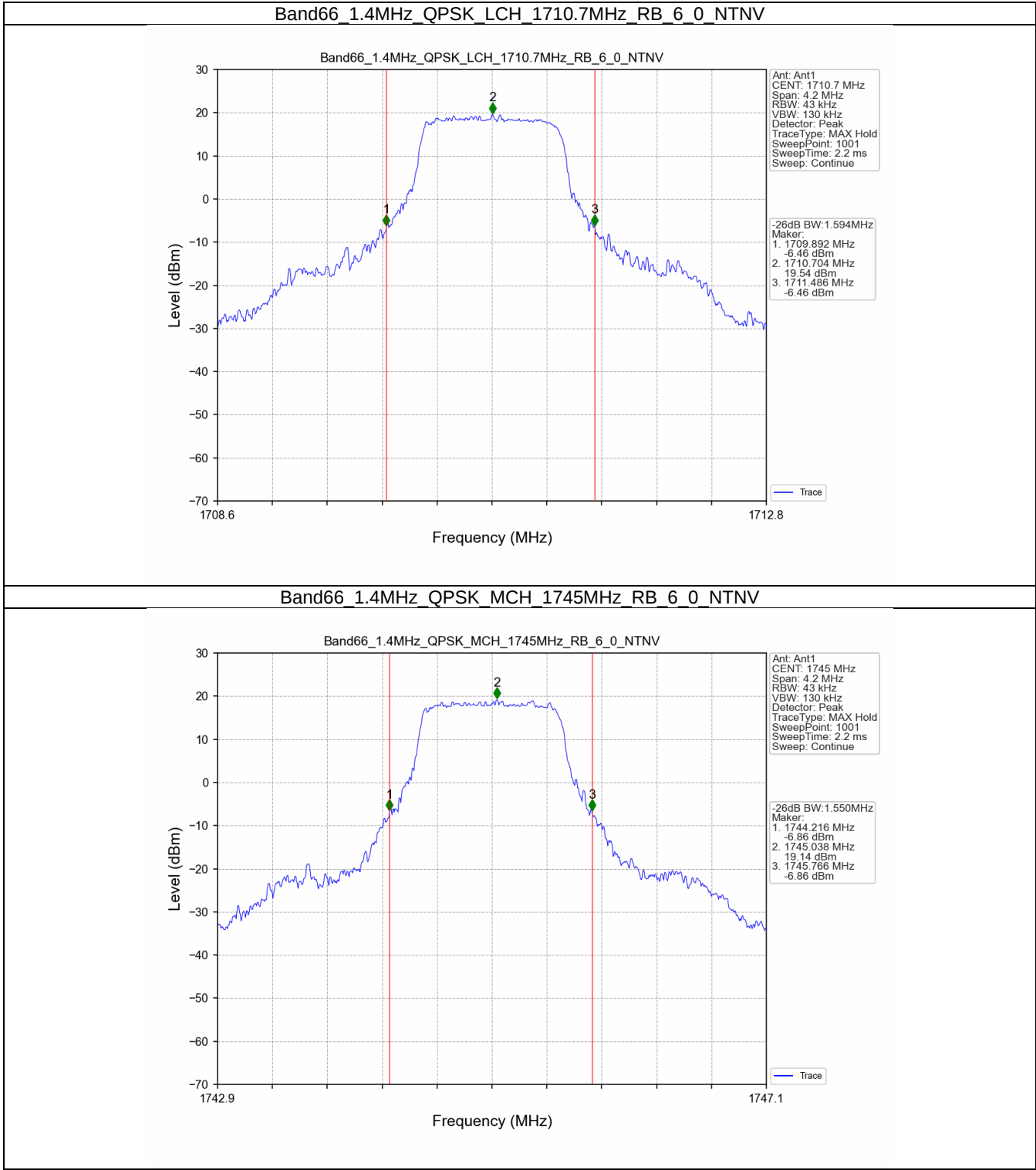


4.2 Band66_XDB

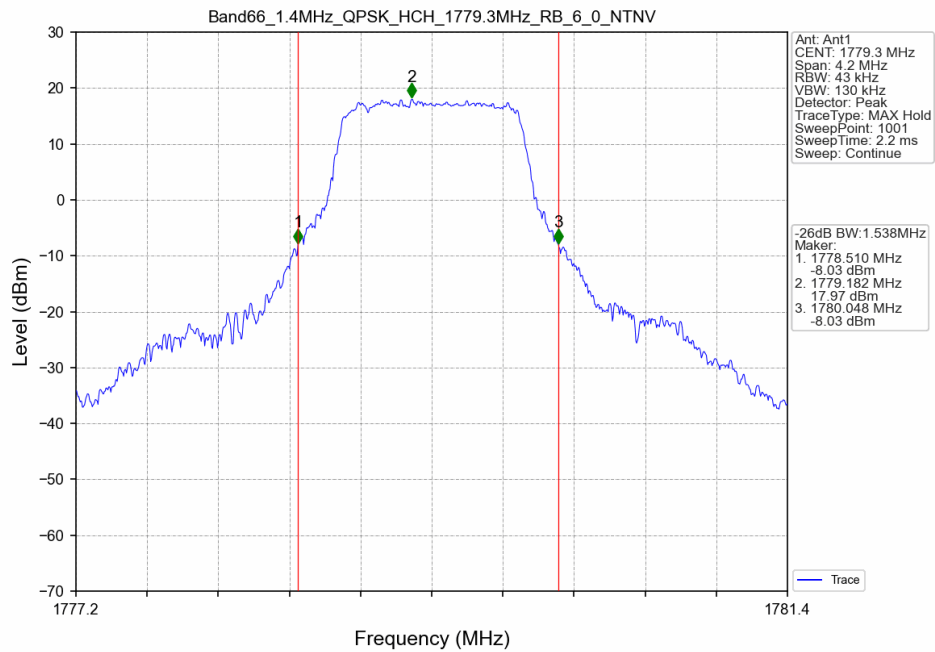
4.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.594	/	Pass
		1745	6	0	1.550	/	Pass
		1779.3	6	0	1.538	/	Pass
	16QAM	1710.7	6	0	1.534	/	Pass
		1745	6	0	1.555	/	Pass
		1779.3	6	0	1.552	/	Pass
3	QPSK	1711.5	15	0	3.359	/	Pass
		1745	15	0	3.279	/	Pass
		1778.5	15	0	3.288	/	Pass
	16QAM	1711.5	15	0	3.387	/	Pass
		1745	15	0	3.277	/	Pass
		1778.5	15	0	3.307	/	Pass
5	QPSK	1712.5	25	0	5.133	/	Pass
		1745	25	0	5.133	/	Pass
		1777.5	25	0	5.163	/	Pass
	16QAM	1712.5	25	0	5.215	/	Pass
		1745	25	0	5.191	/	Pass
		1777.5	25	0	5.155	/	Pass
10	QPSK	1715	50	0	9.860	/	Pass
		1745	50	0	9.769	/	Pass
		1775	50	0	9.854	/	Pass
	16QAM	1715	27	0	11.649	/	Pass
		1745	27	0	9.322	/	Pass
		1775	27	23	9.566	/	Pass
15	QPSK	1717.5	75	0	17.594	/	Pass
		1745	75	0	16.895	/	Pass
		1772.5	75	0	17.164	/	Pass
	16QAM	1717.5	27	0	12.266	/	Pass
		1745	27	0	12.838	/	Pass
		1772.5	27	48	15.849	/	Pass
20	QPSK	1720	100	0	22.051	/	Pass
		1745	100	0	21.616	/	Pass
		1770	100	0	21.597	/	Pass
	16QAM	1720	27	0	16.118	/	Pass
		1745	27	0	13.374	/	Pass
		1770	27	73	20.764	/	Pass

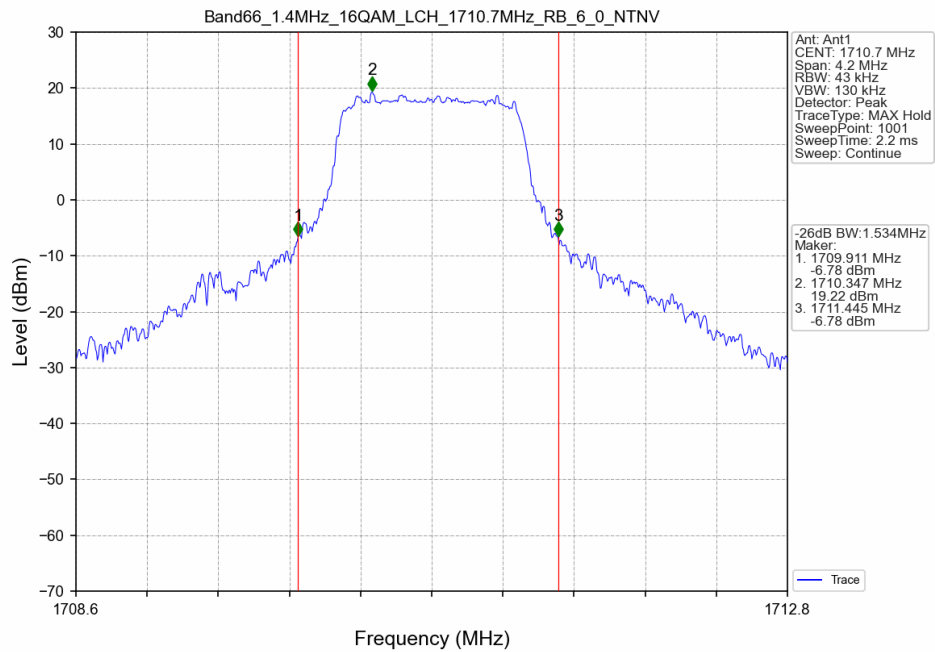
4.2.2 Test Graph



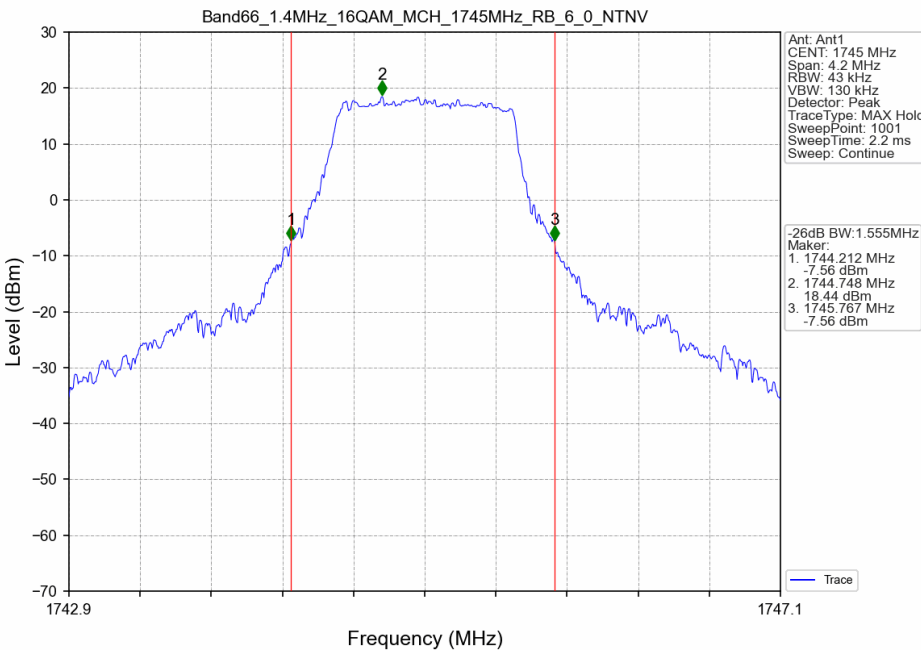
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



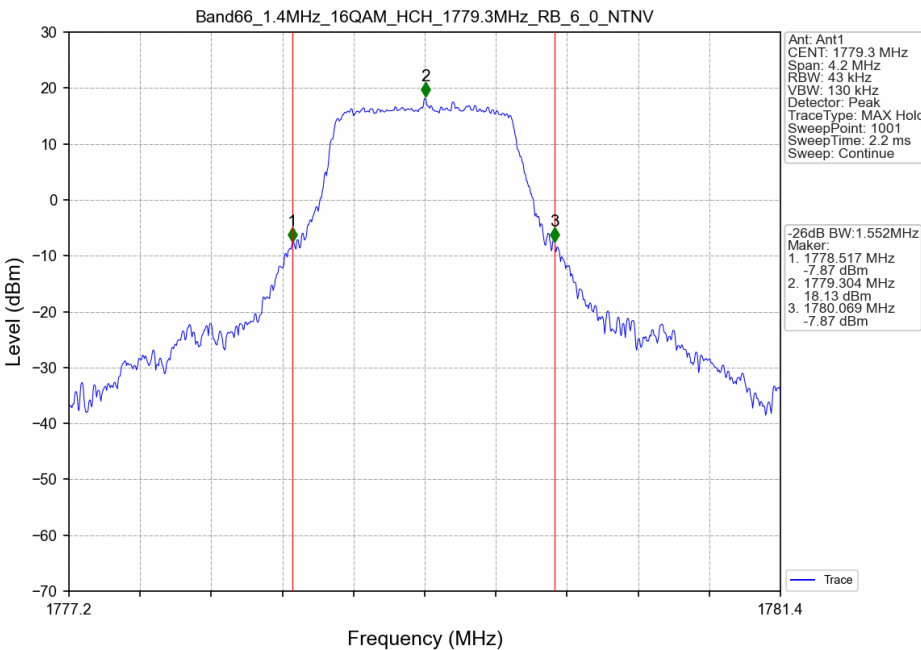
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



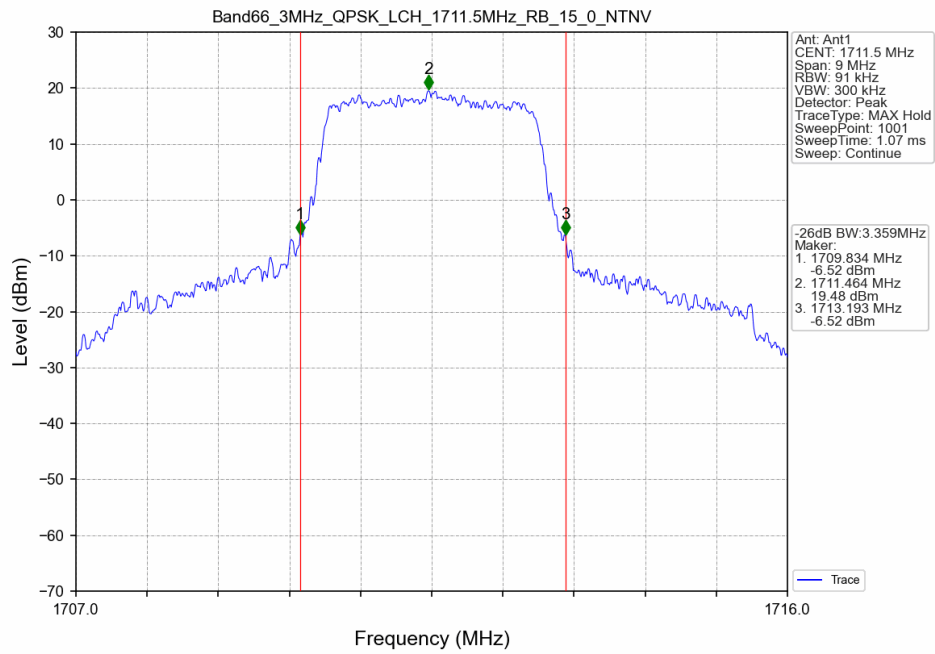
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV



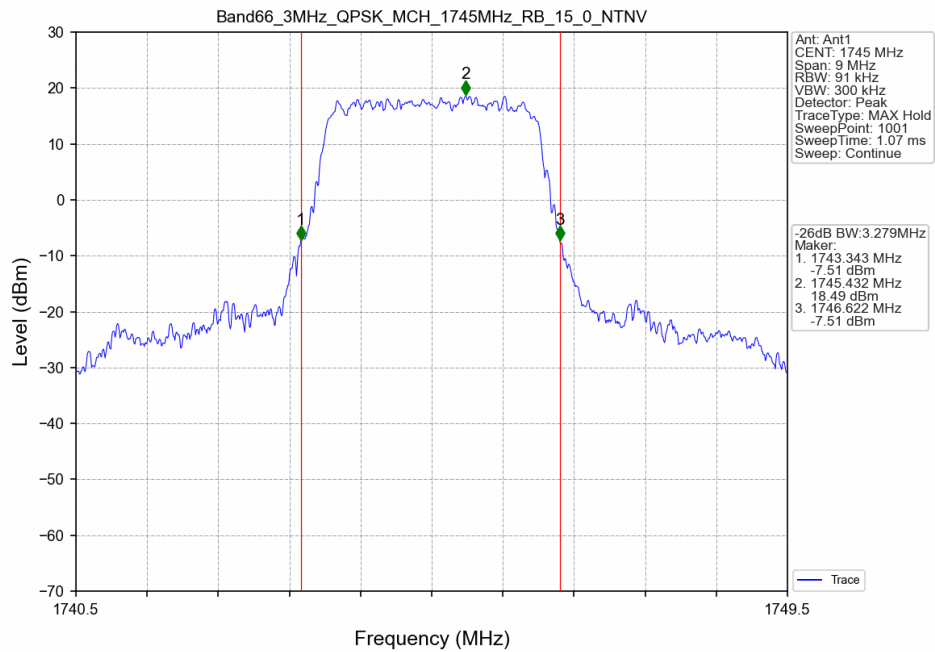
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV



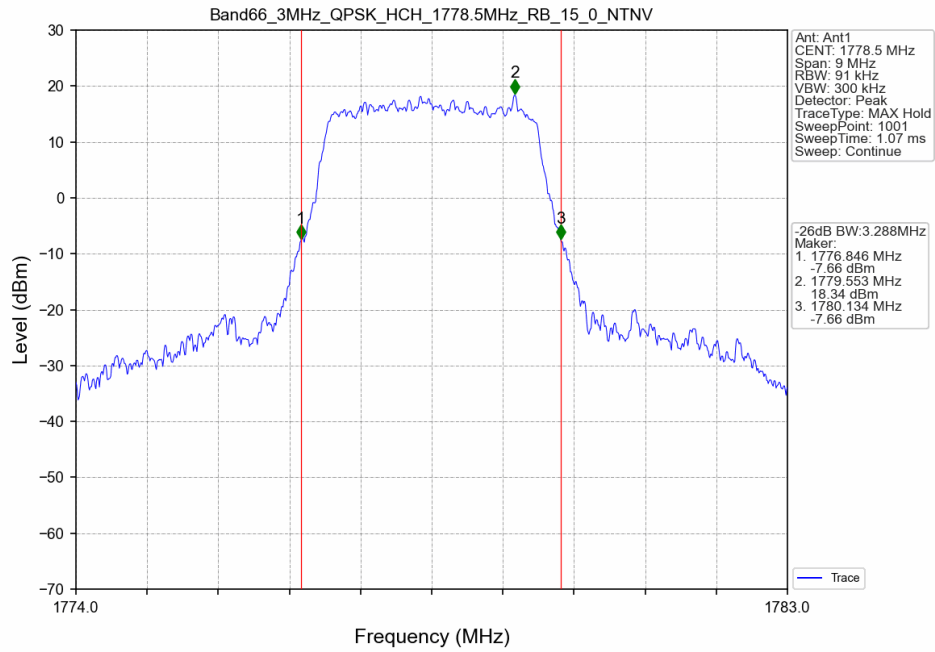
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



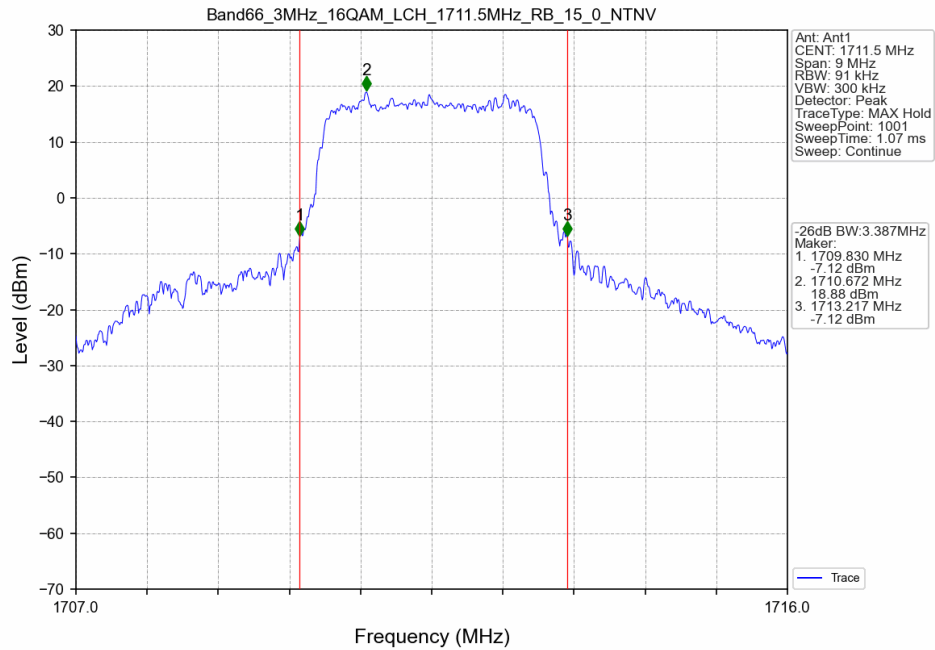
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



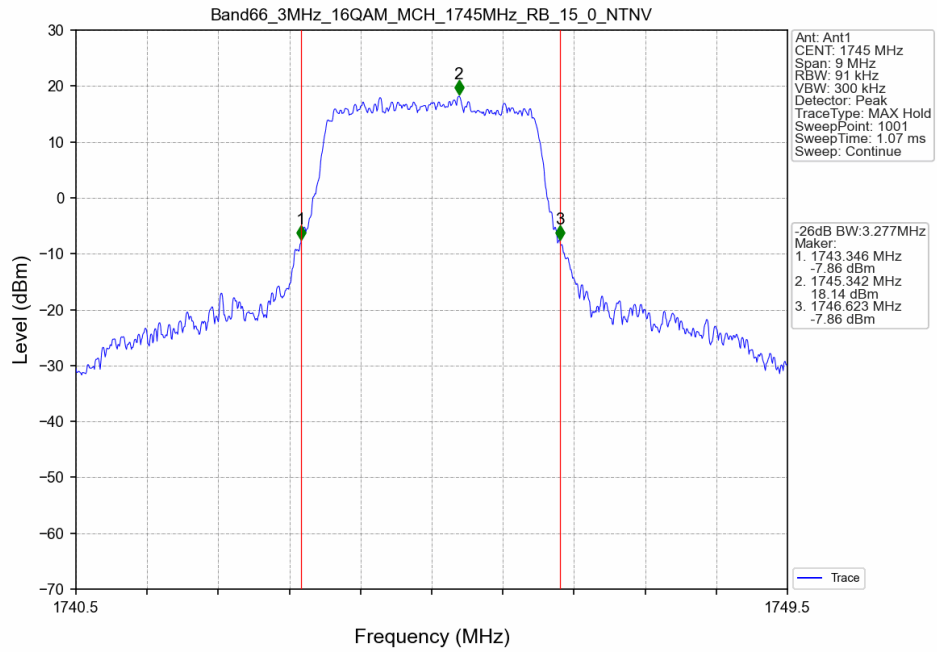
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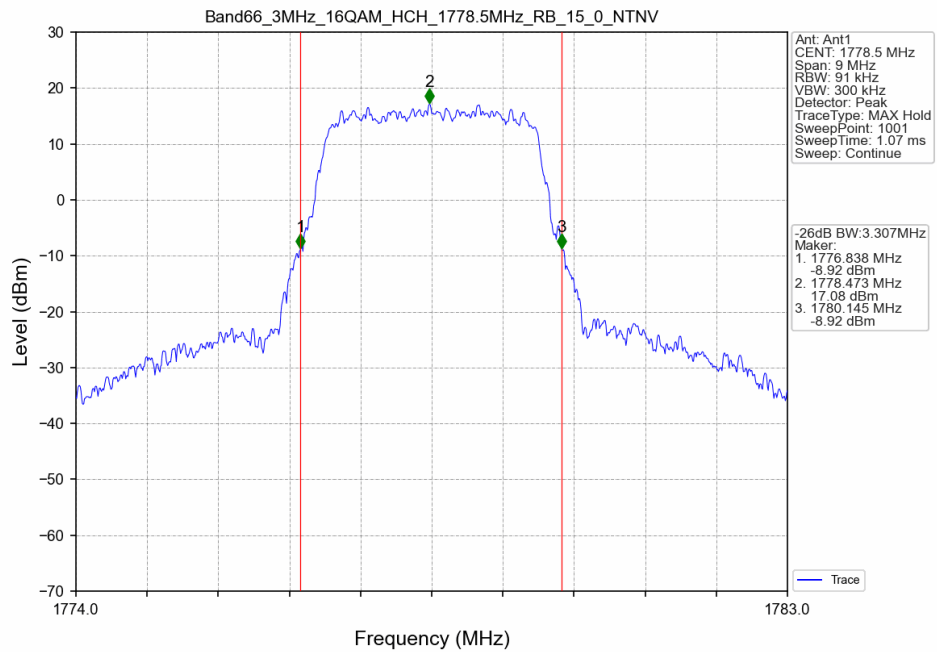
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



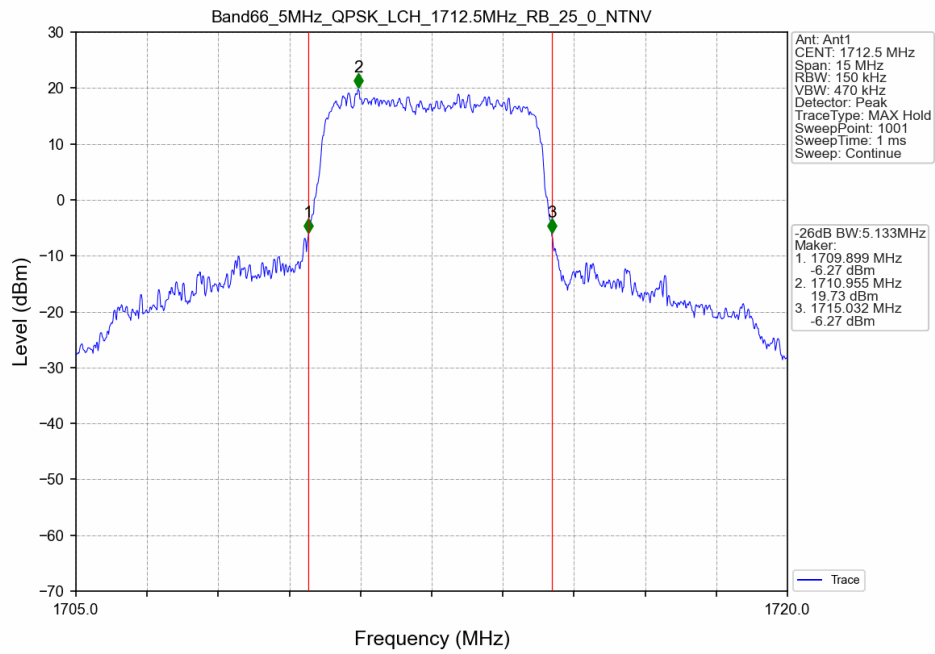
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



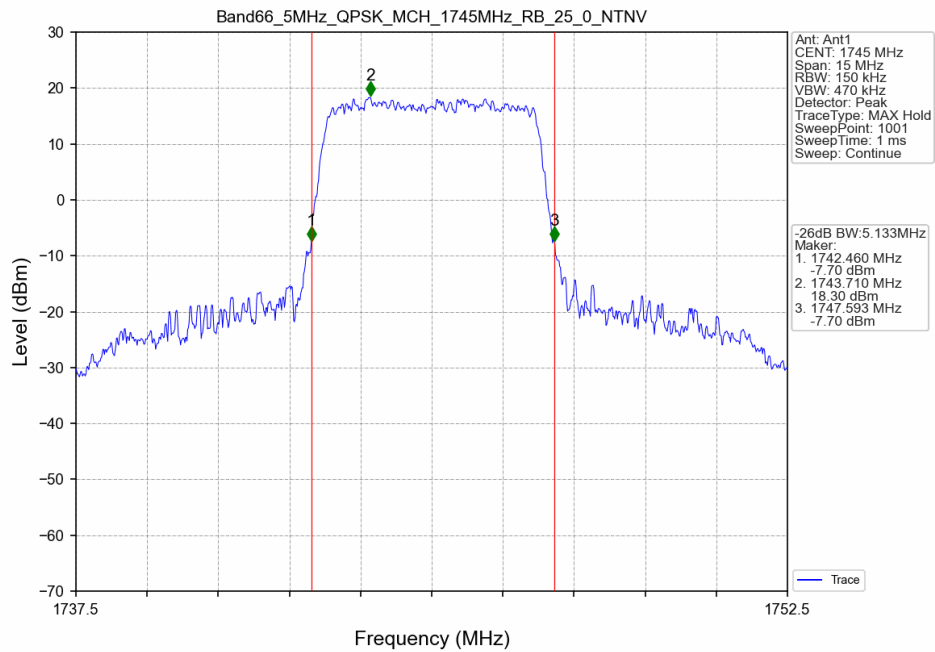
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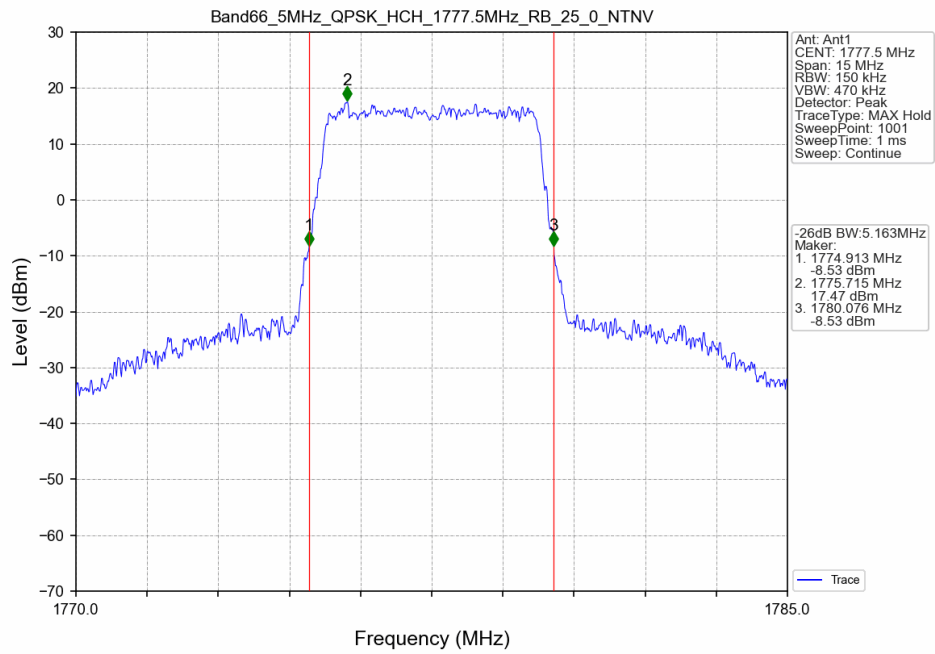
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



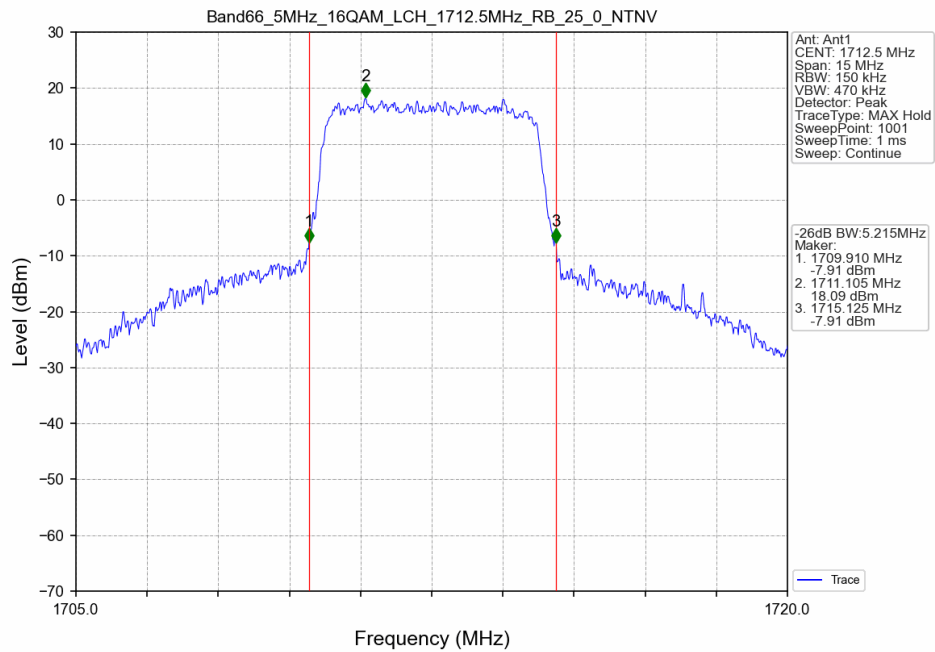
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



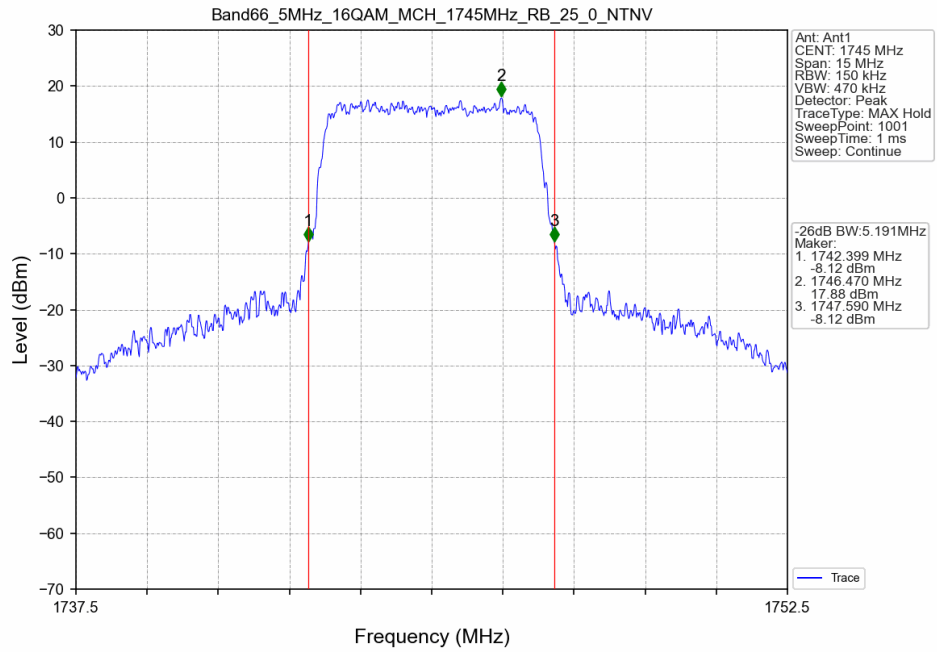
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV



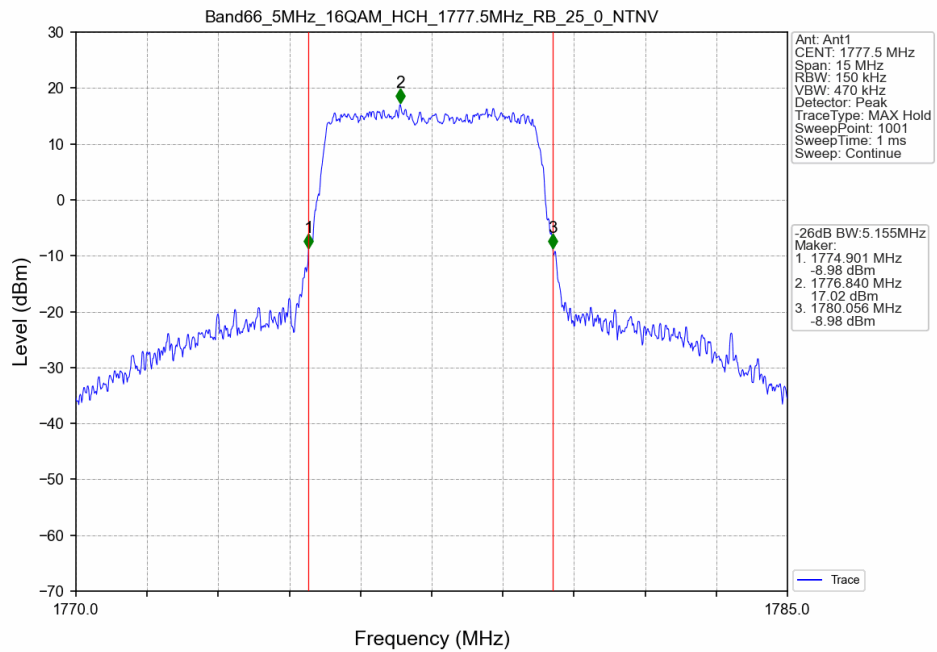
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



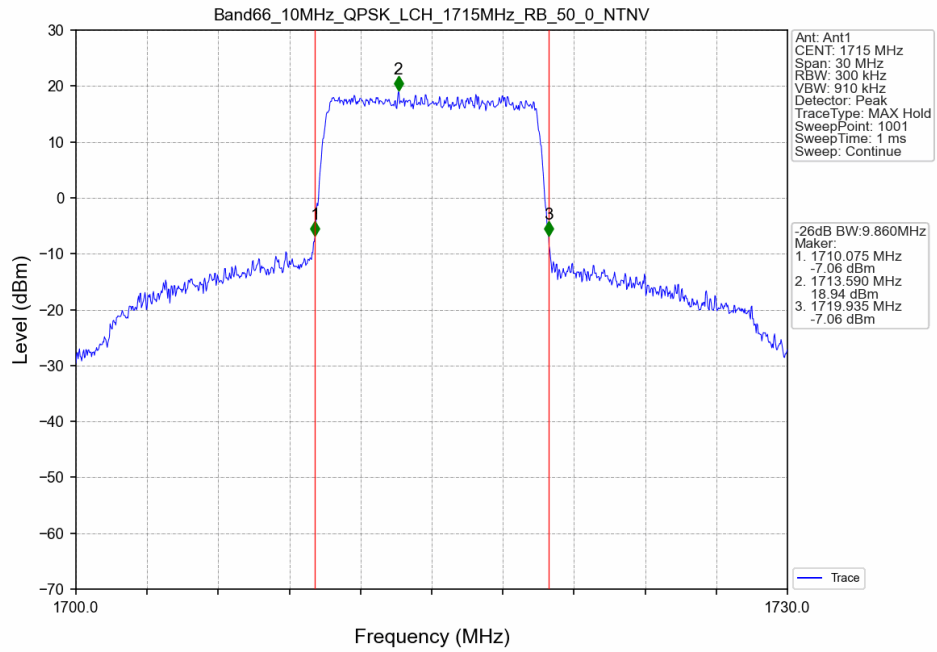
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



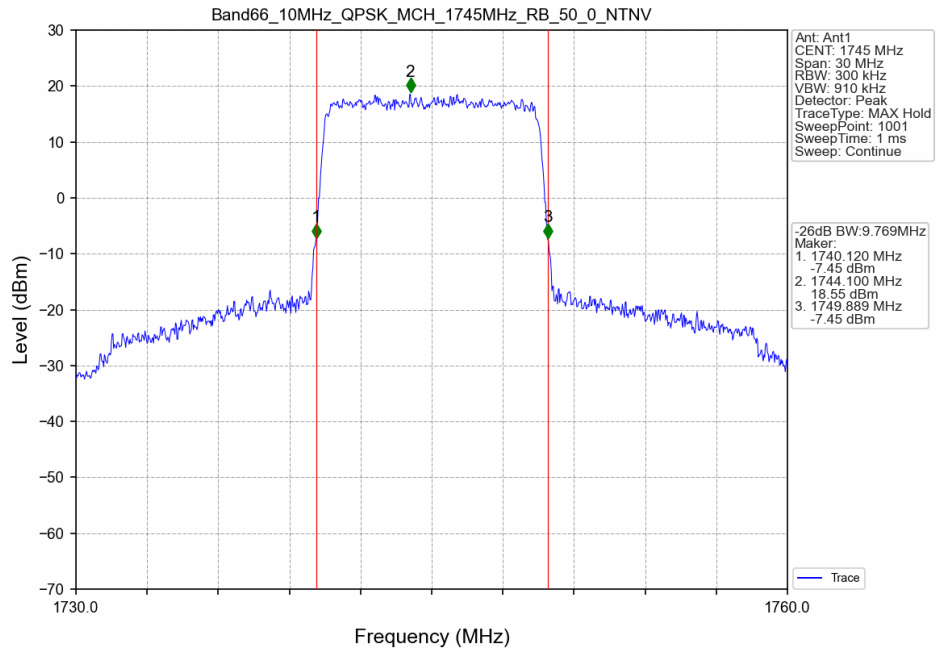
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



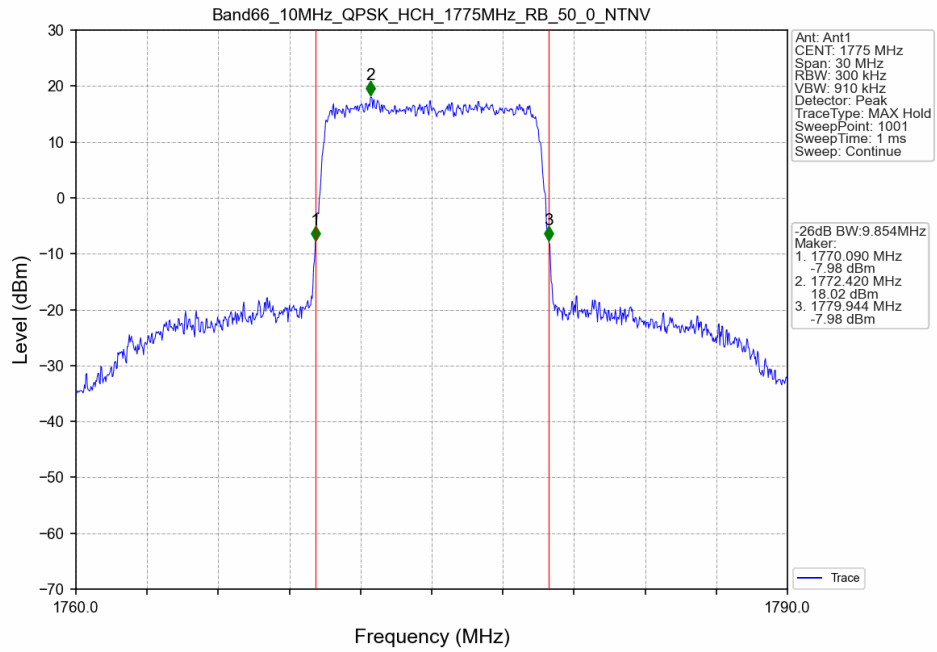
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



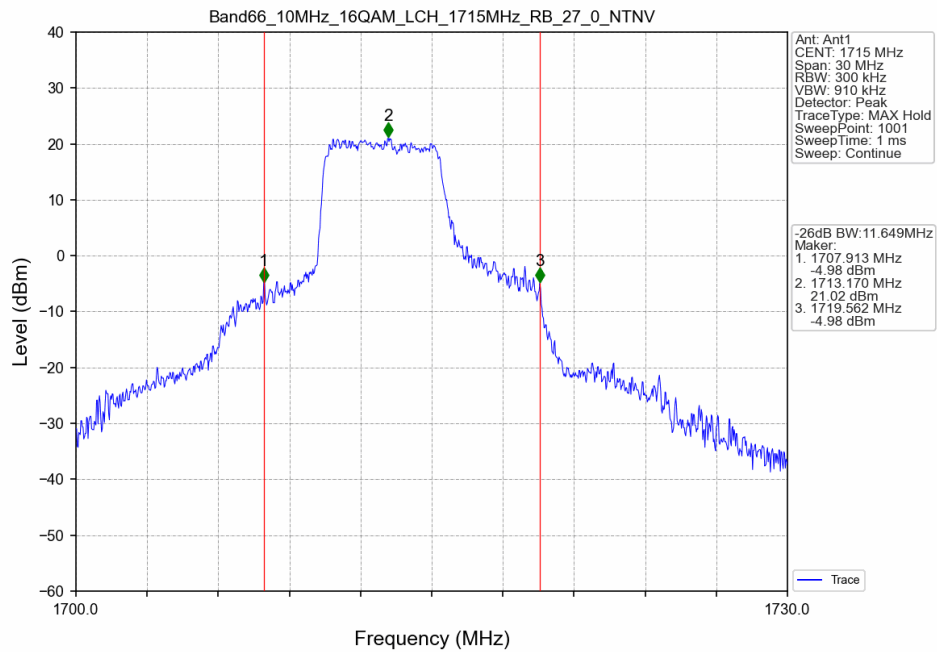
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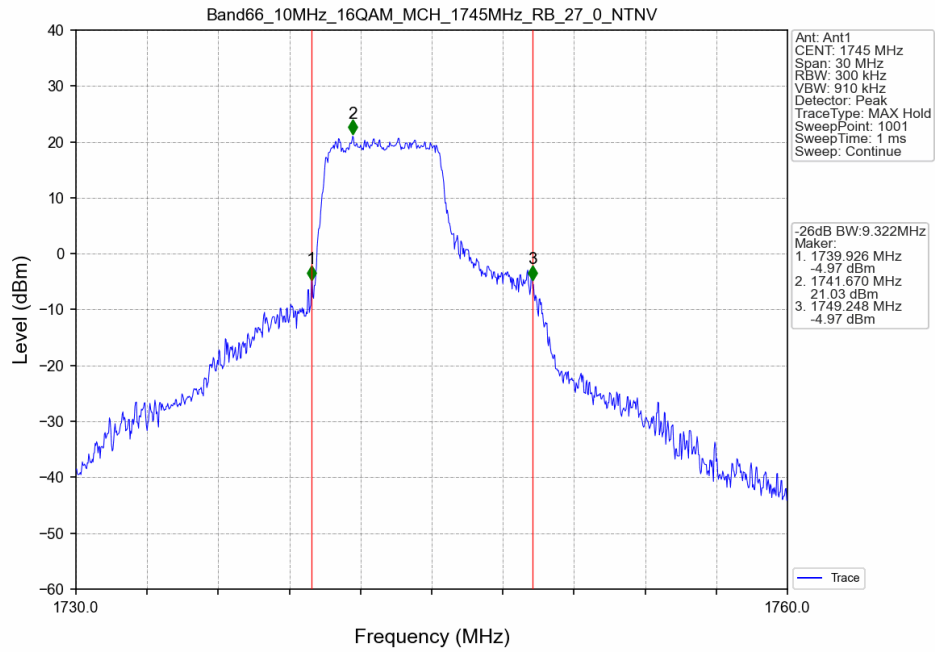
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



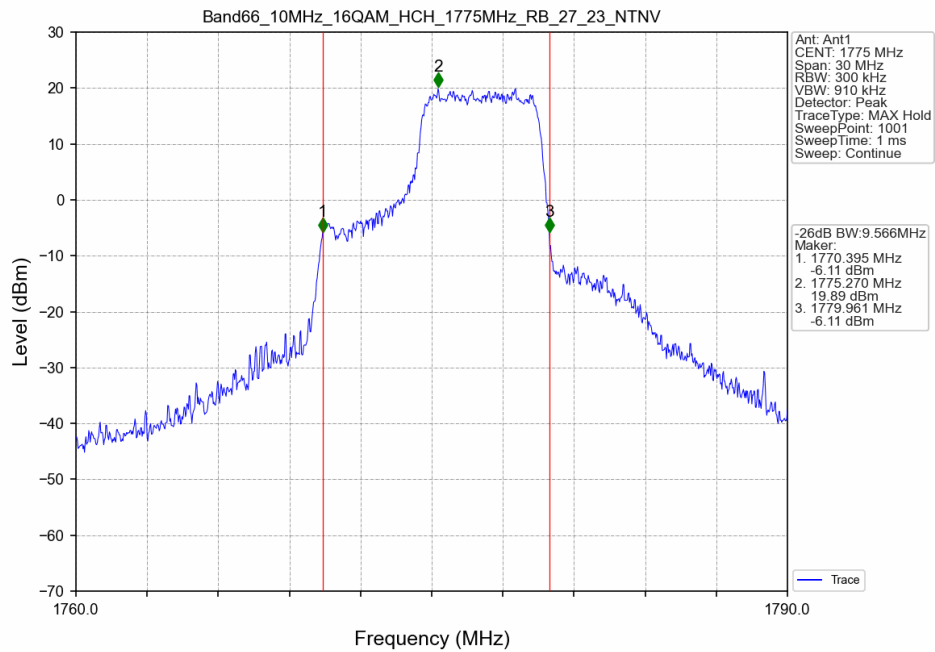
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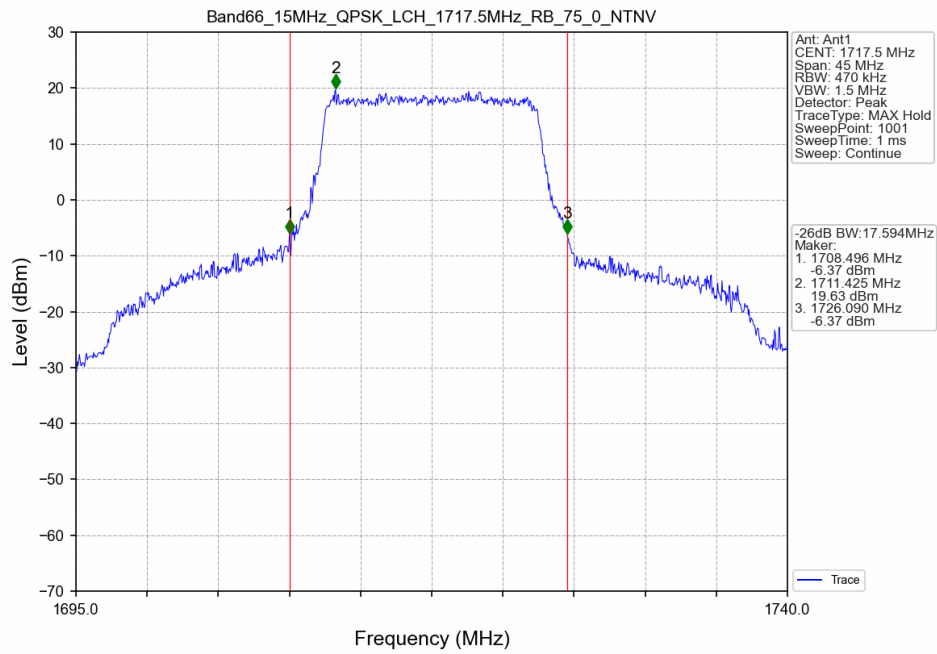
Band66 10MHz 16QAM MCH 1745MHz RB 27 0 NTNV



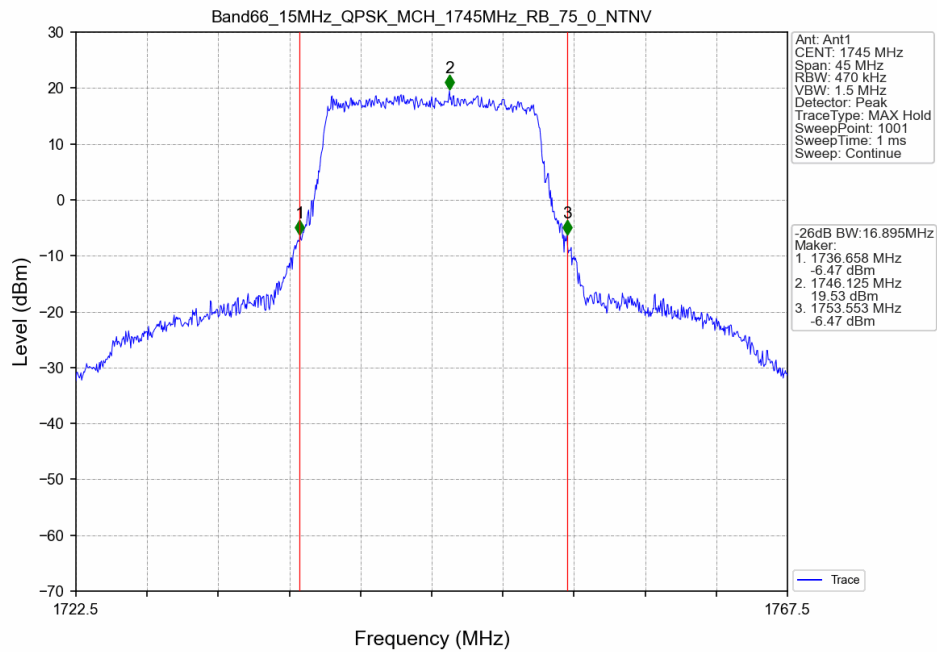
Band66 10MHz 16QAM HCH 1775MHz RB 27 23 NTNV



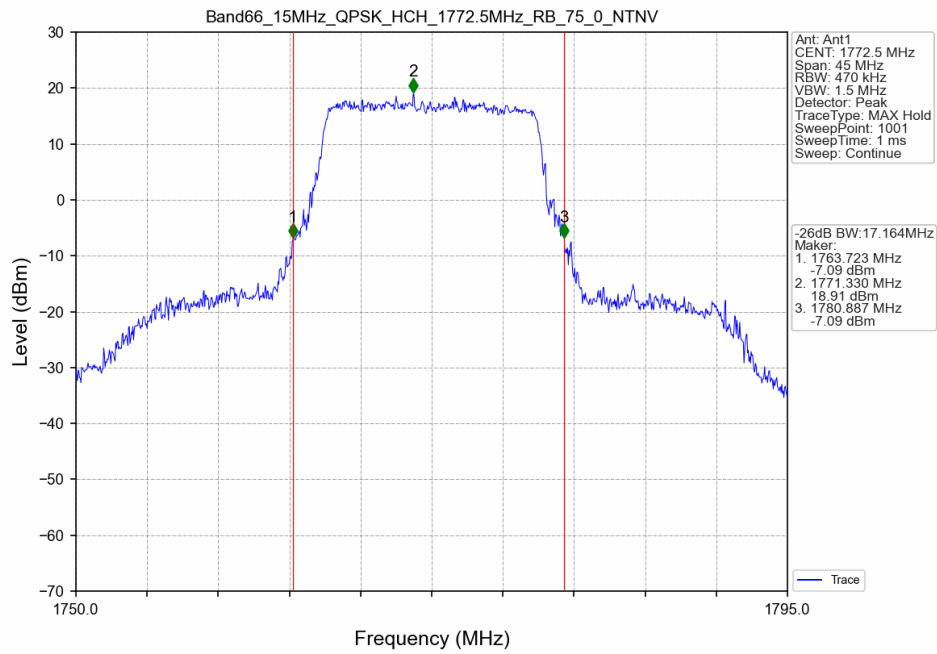
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



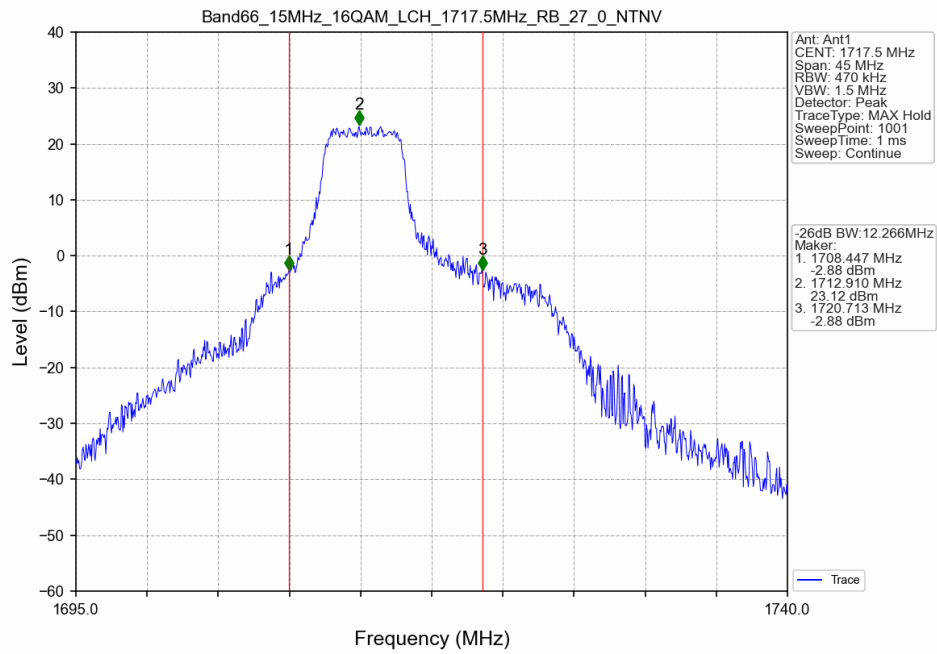
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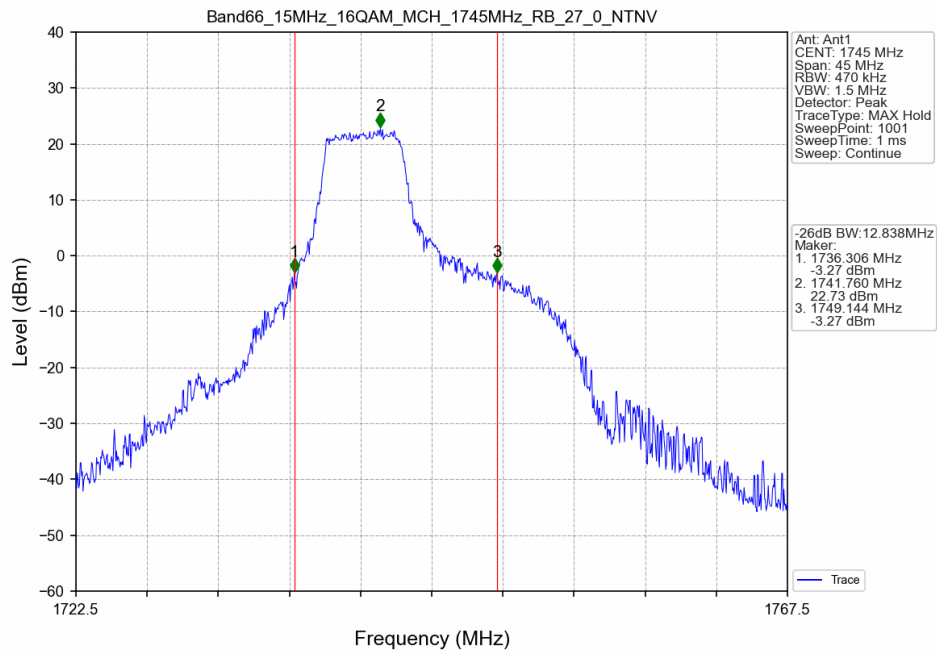
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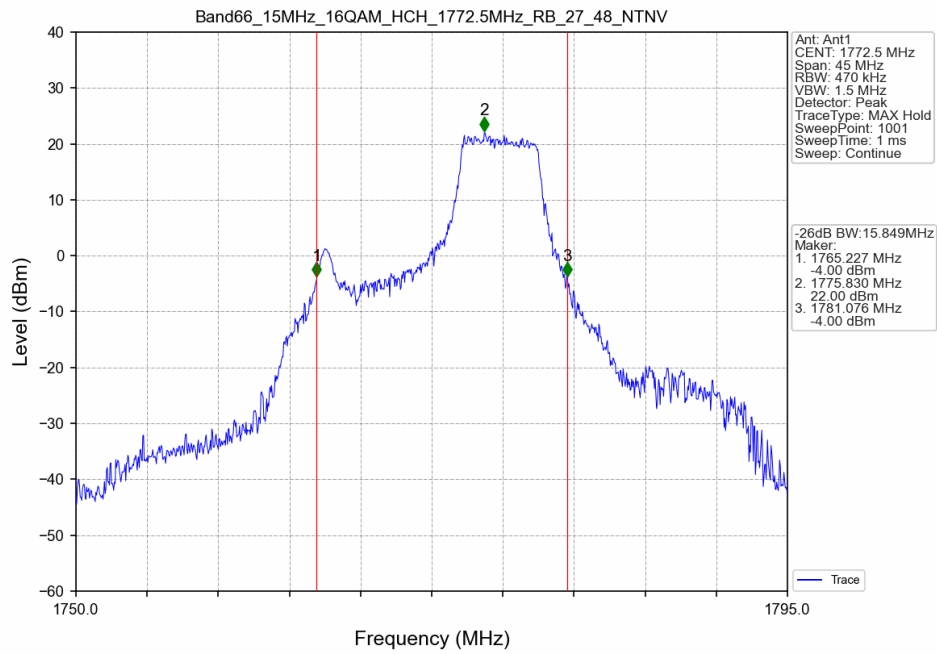
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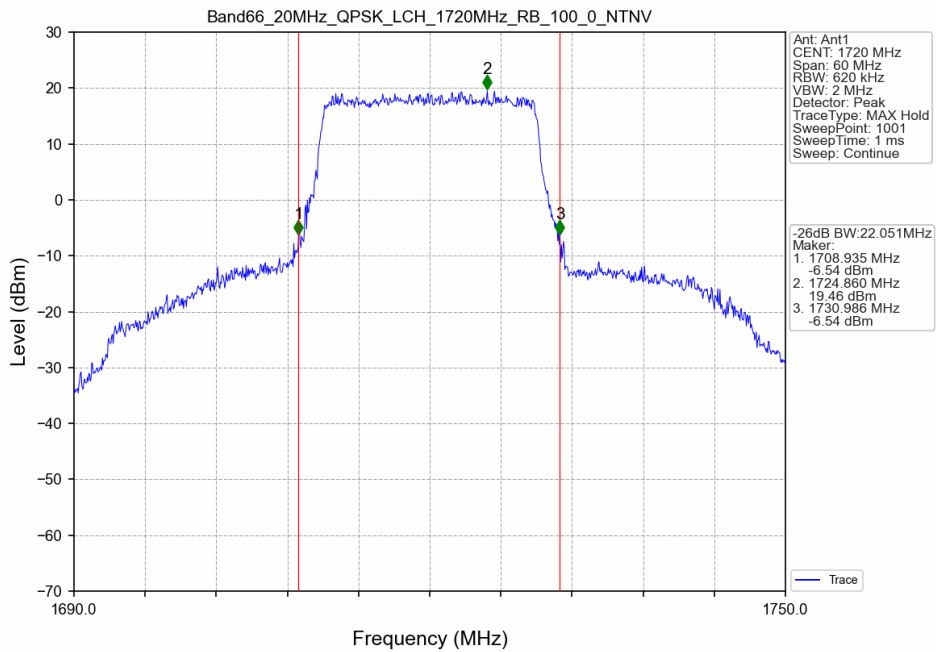
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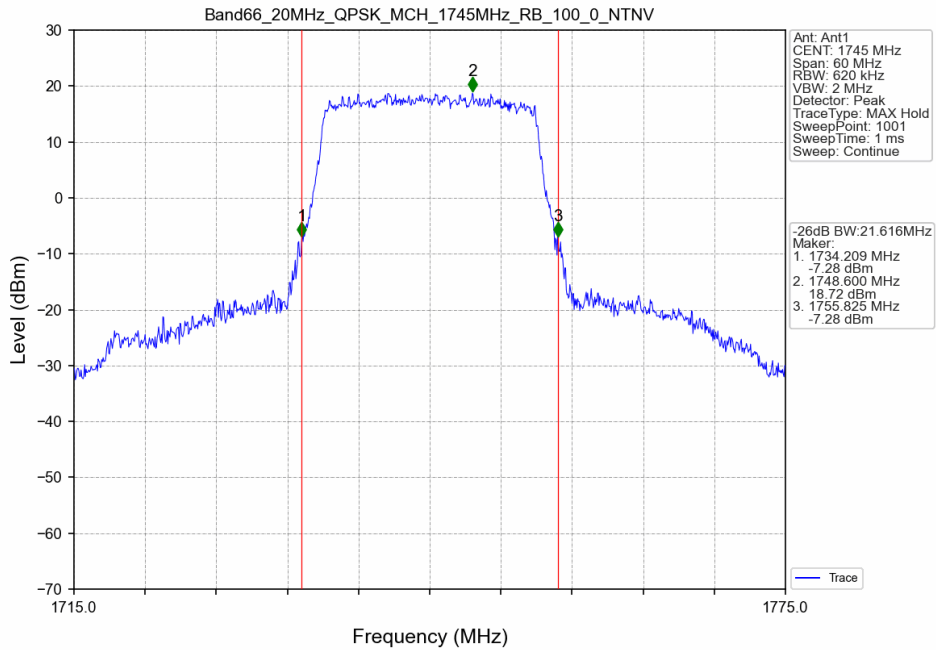
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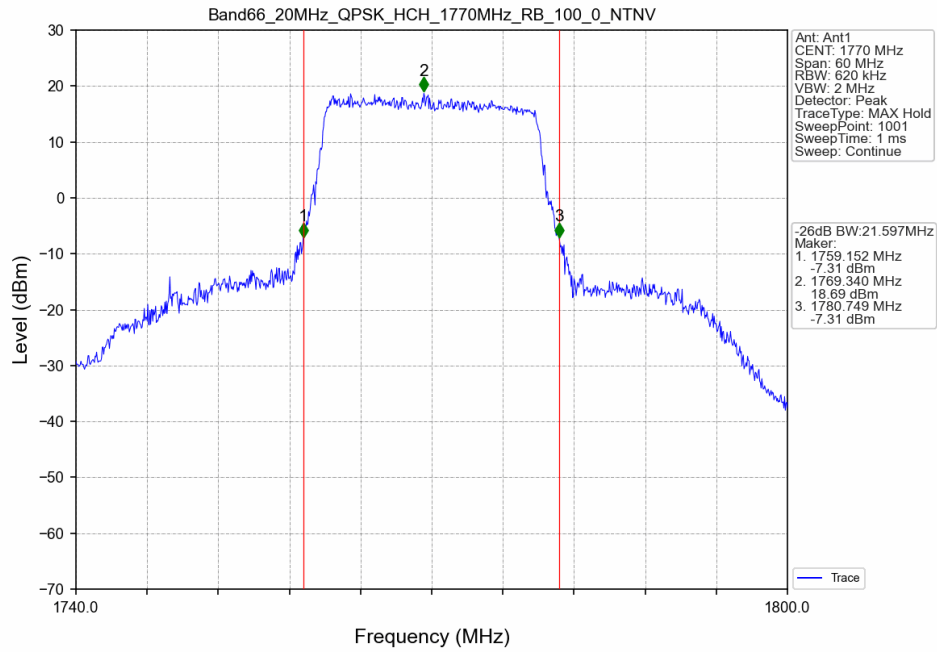
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTV



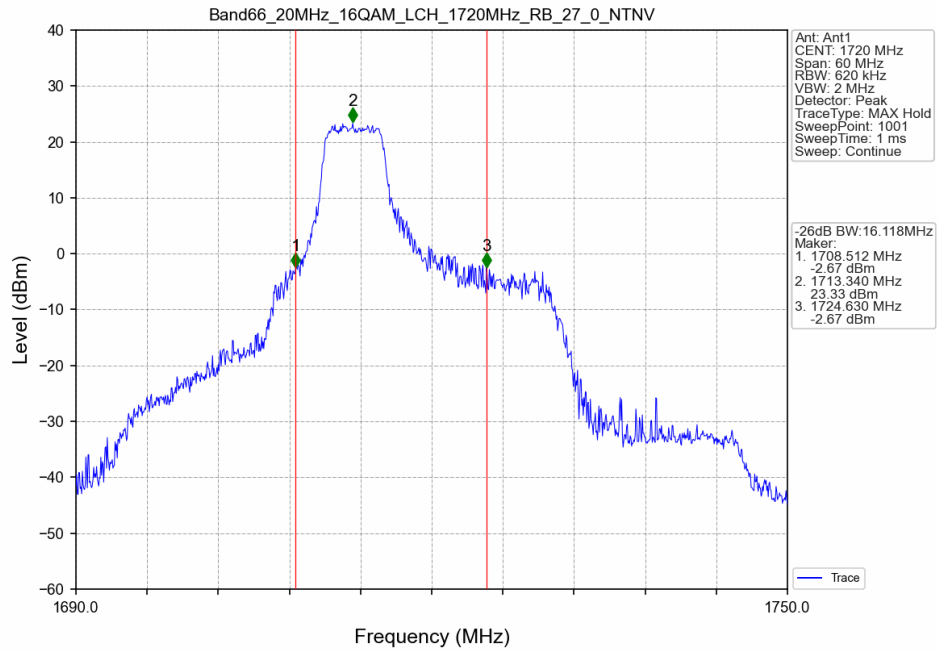
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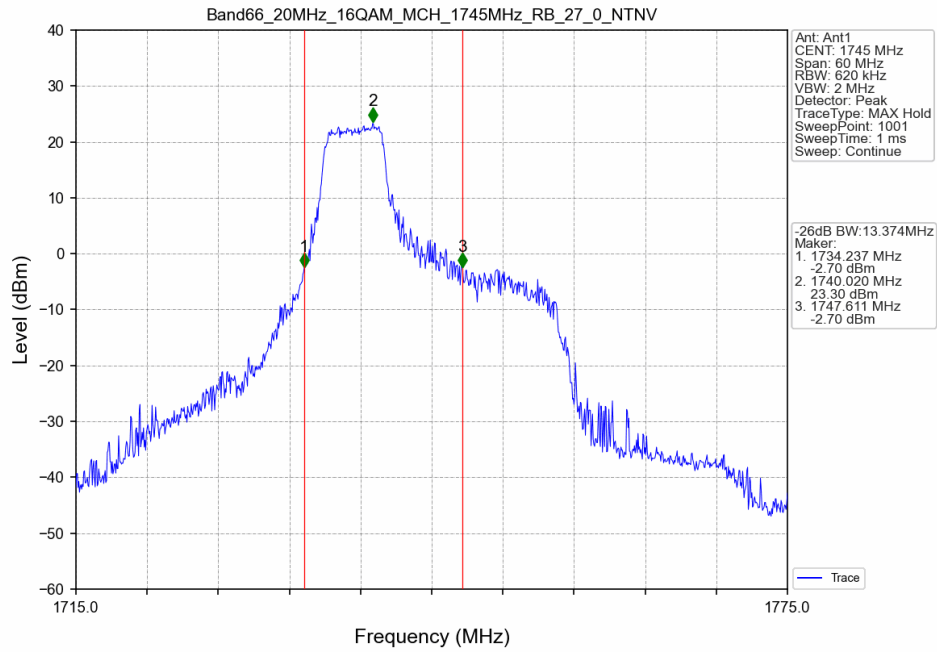
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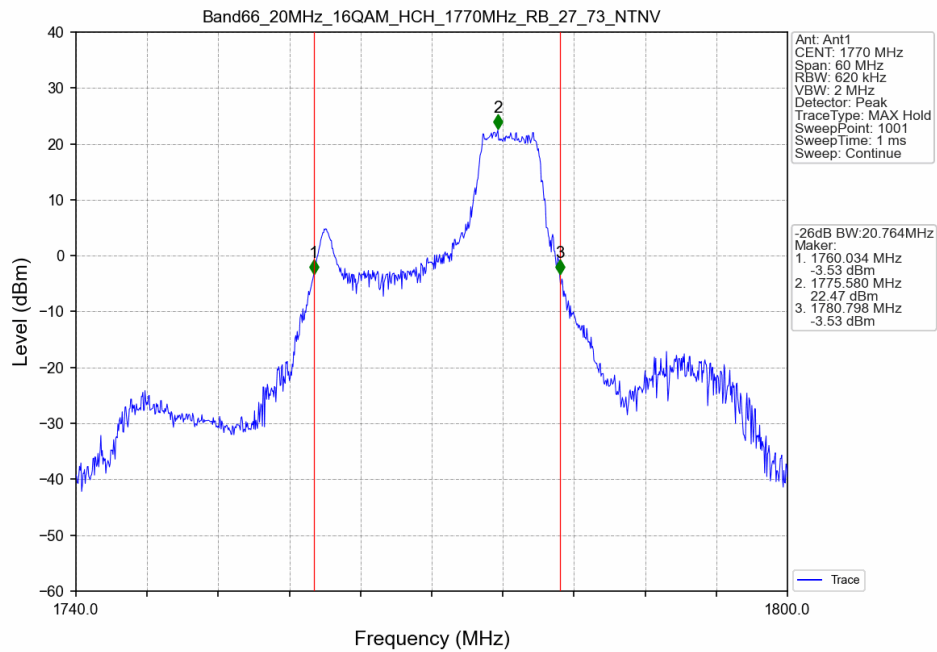
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTNV



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



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



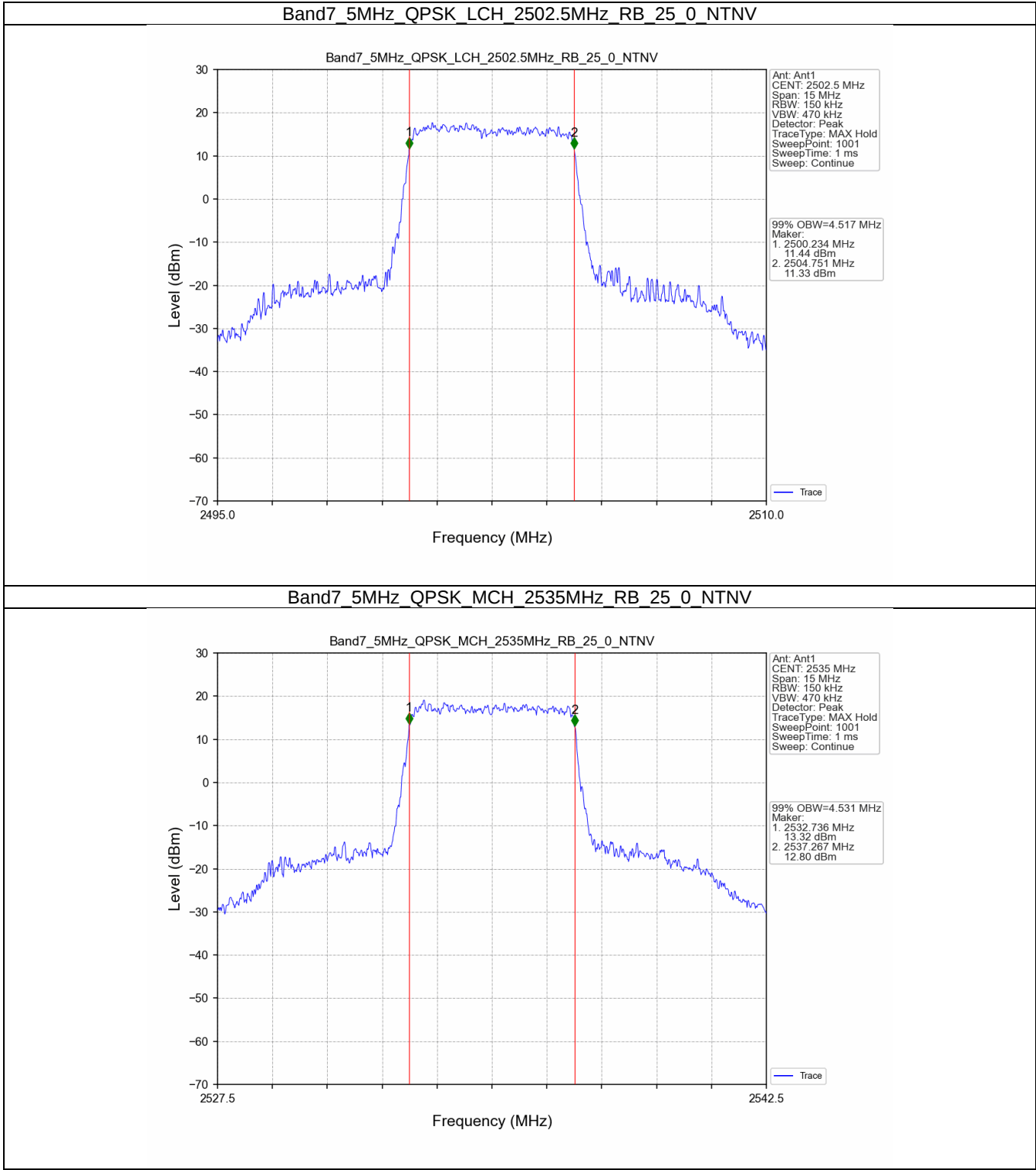
5. 99% & 26dB Bandwidth

5.1 Band7_OBW

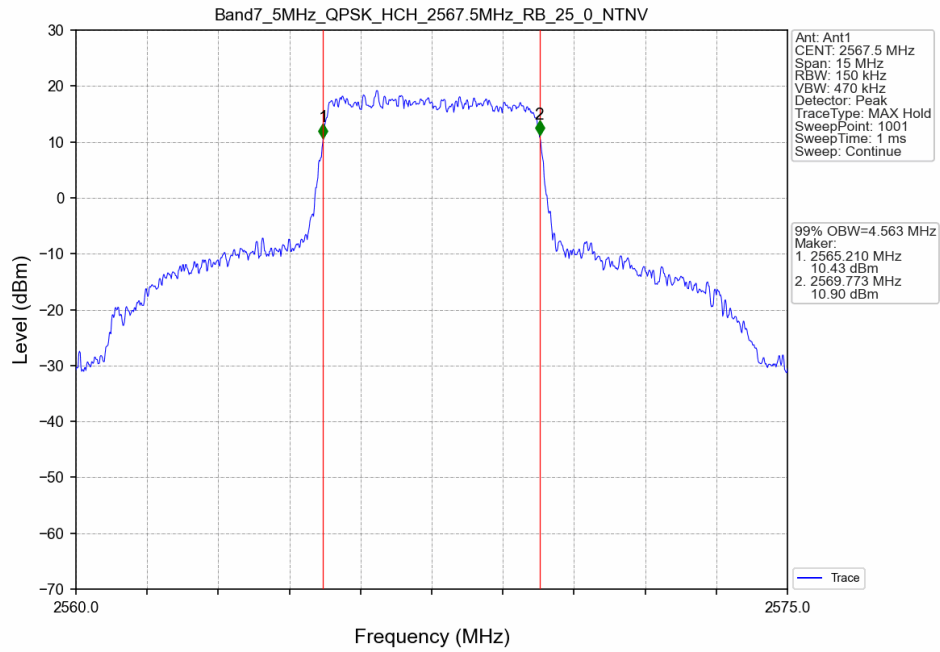
5.1.1 Test Result

Band: 7 / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.517	/	Pass
		2535	25	0	4.531	/	Pass
		2567.5	25	0	4.563	/	Pass
	16QAM	2502.5	25	0	4.555	/	Pass
		2535	25	0	4.524	/	Pass
		2567.5	25	0	4.562	/	Pass
10	QPSK	2505	50	0	9.010	/	Pass
		2535	50	0	9.016	/	Pass
		2565	50	0	9.065	/	Pass
	16QAM	2505	27	0	5.424	/	Pass
		2535	27	0	5.427	/	Pass
		2565	27	23	6.216	/	Pass
15	QPSK	2507.5	75	0	13.699	/	Pass
		2535	75	0	13.661	/	Pass
		2562.5	75	0	13.766	/	Pass
	16QAM	2507.5	27	0	6.424	/	Pass
		2535	27	0	7.147	/	Pass
		2562.5	27	48	9.097	/	Pass
20	QPSK	2510	100	0	18.248	/	Pass
		2535	100	0	18.172	/	Pass
		2560	100	0	18.214	/	Pass
	16QAM	2510	27	0	7.959	/	Pass
		2535	27	0	8.713	/	Pass
		2560	27	73	16.575	/	Pass

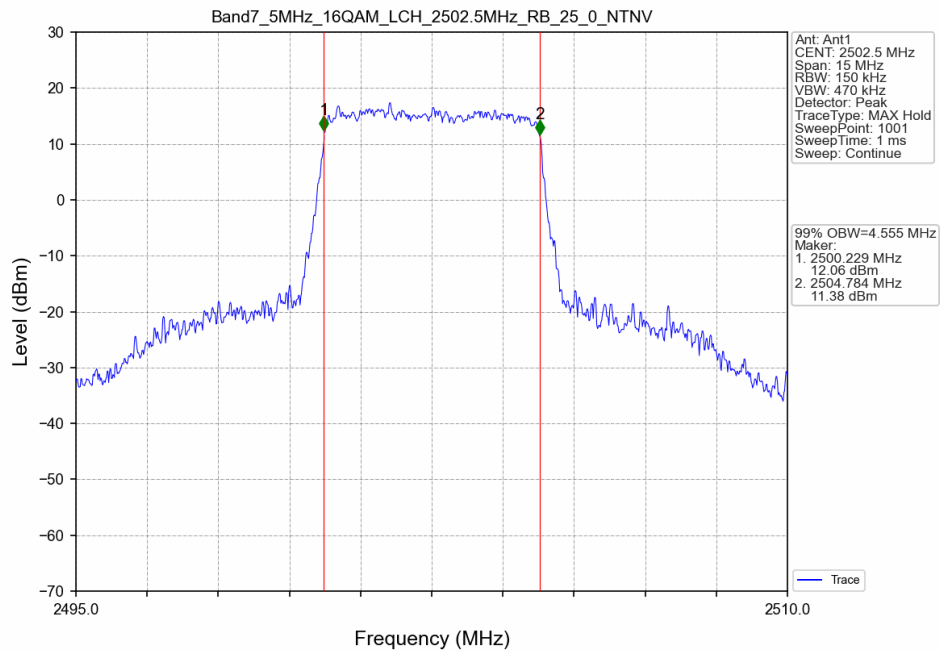
5.1.2 Test Graph



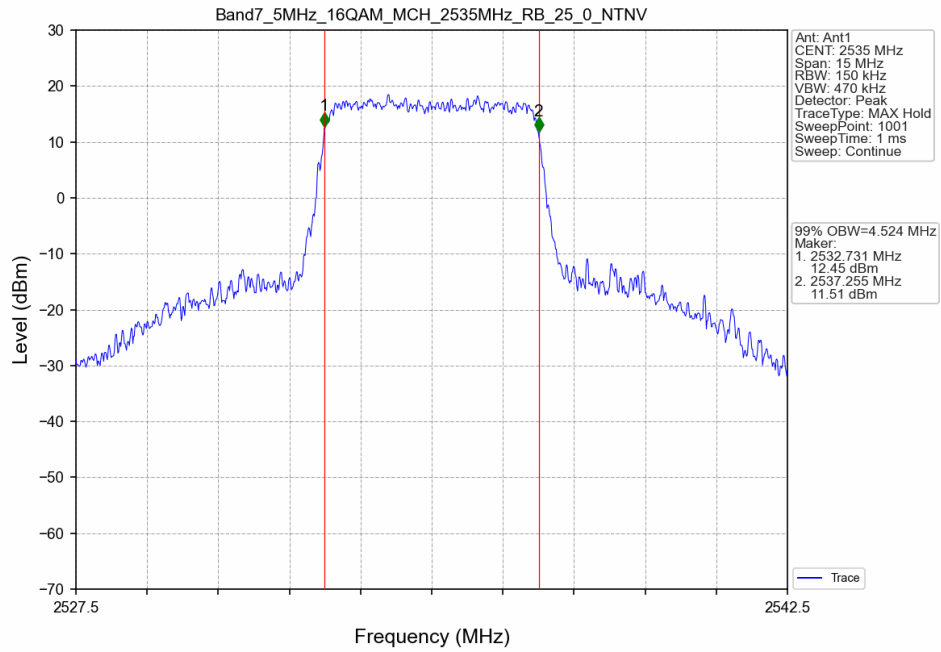
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



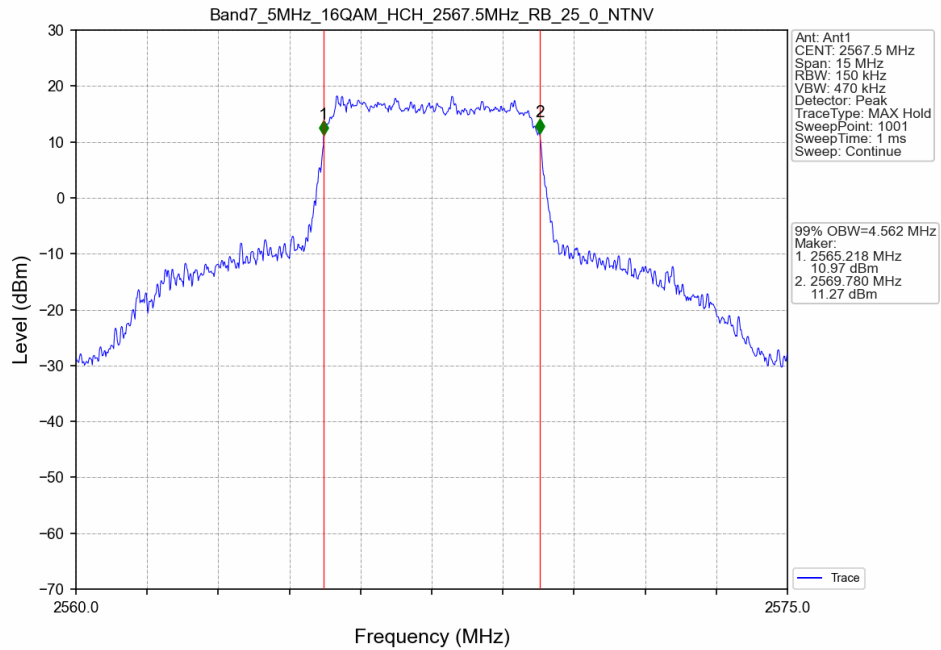
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



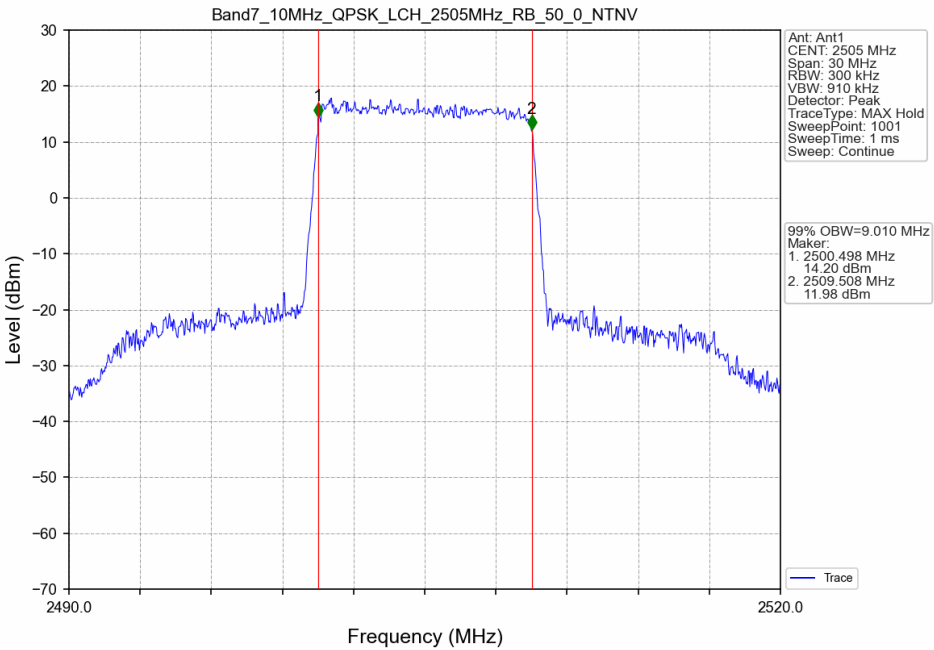
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



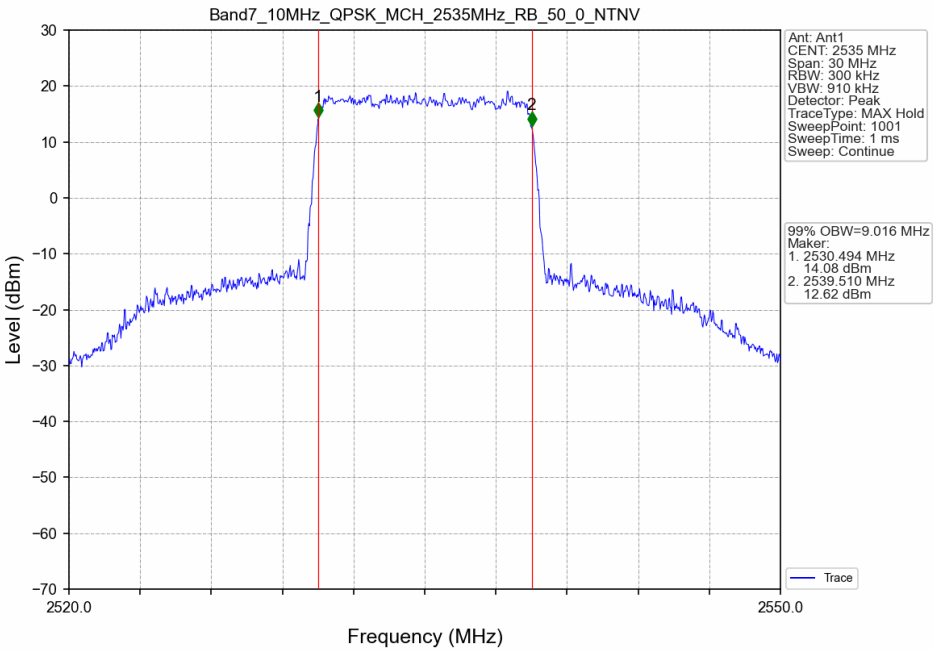
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



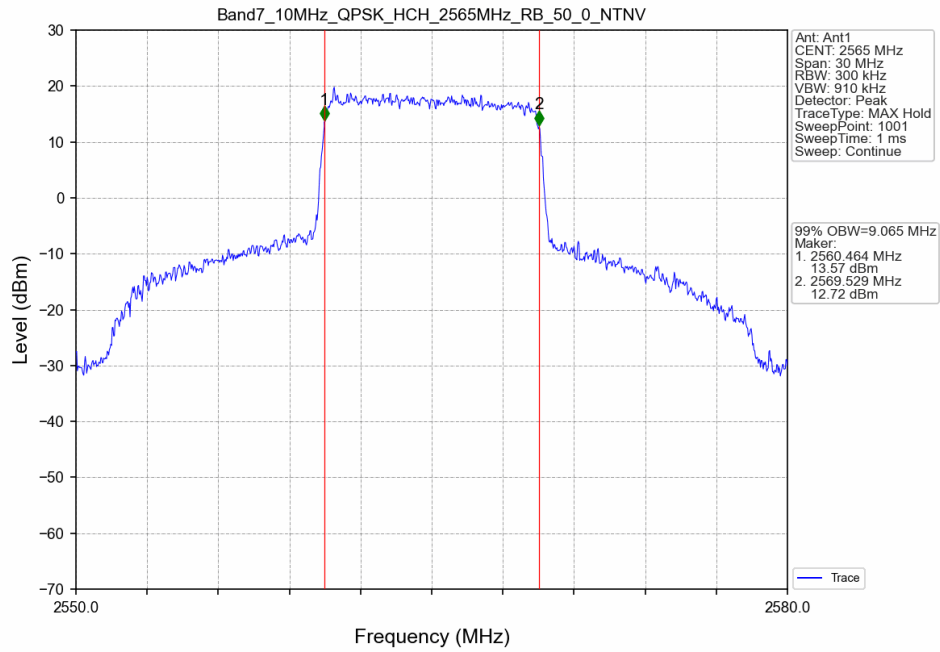
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



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

