

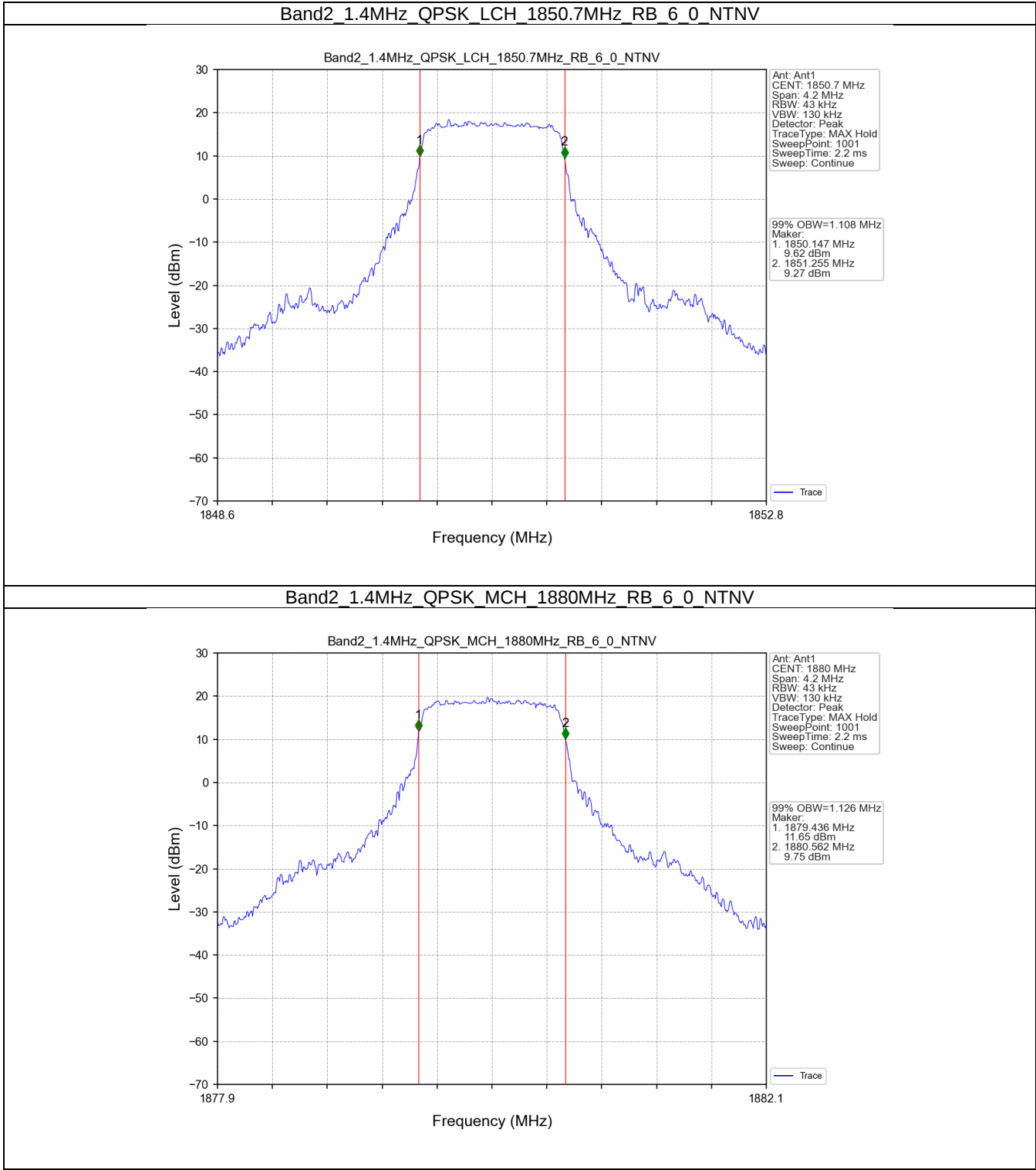
1. 99% & 26dB Bandwidth

1.1 Band2_OBW

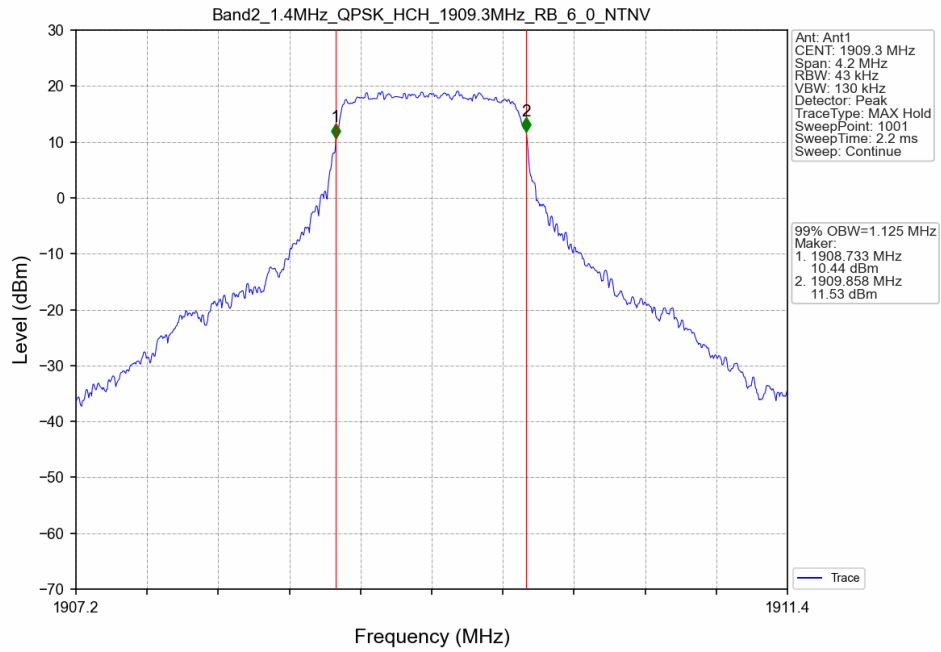
1.1.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.108	/	Pass
		1880	6	0	1.126	/	Pass
		1909.3	6	0	1.125	/	Pass
	16QAM	1850.7	6	0	1.129	/	Pass
		1880	6	0	1.110	/	Pass
		1909.3	6	0	1.140	/	Pass
3	QPSK	1851.5	15	0	2.729	/	Pass
		1880	15	0	2.731	/	Pass
		1908.5	15	0	2.742	/	Pass
	16QAM	1851.5	15	0	2.717	/	Pass
		1880	15	0	2.734	/	Pass
		1908.5	15	0	2.761	/	Pass
5	QPSK	1852.5	25	0	4.531	/	Pass
		1880	25	0	4.530	/	Pass
		1907.5	25	0	4.524	/	Pass
	16QAM	1852.5	25	0	4.530	/	Pass
		1880	25	0	4.543	/	Pass
		1907.5	25	0	4.533	/	Pass
10	QPSK	1855	50	0	9.010	/	Pass
		1880	50	0	9.010	/	Pass
		1905	50	0	8.989	/	Pass
	16QAM	1855	27	0	5.639	/	Pass
		1880	27	0	5.438	/	Pass
		1905	27	23	5.808	/	Pass
15	QPSK	1857.5	75	0	13.720	/	Pass
		1880	75	0	13.688	/	Pass
		1902.5	75	0	13.676	/	Pass
	16QAM	1857.5	27	0	7.317	/	Pass
		1880	27	0	7.268	/	Pass
		1902.5	27	48	9.105	/	Pass
20	QPSK	1860	100	0	18.172	/	Pass
		1880	100	0	18.192	/	Pass
		1900	100	0	18.220	/	Pass
	16QAM	1860	27	0	9.698	/	Pass
		1880	27	0	8.842	/	Pass
		1900	27	73	17.295	/	Pass

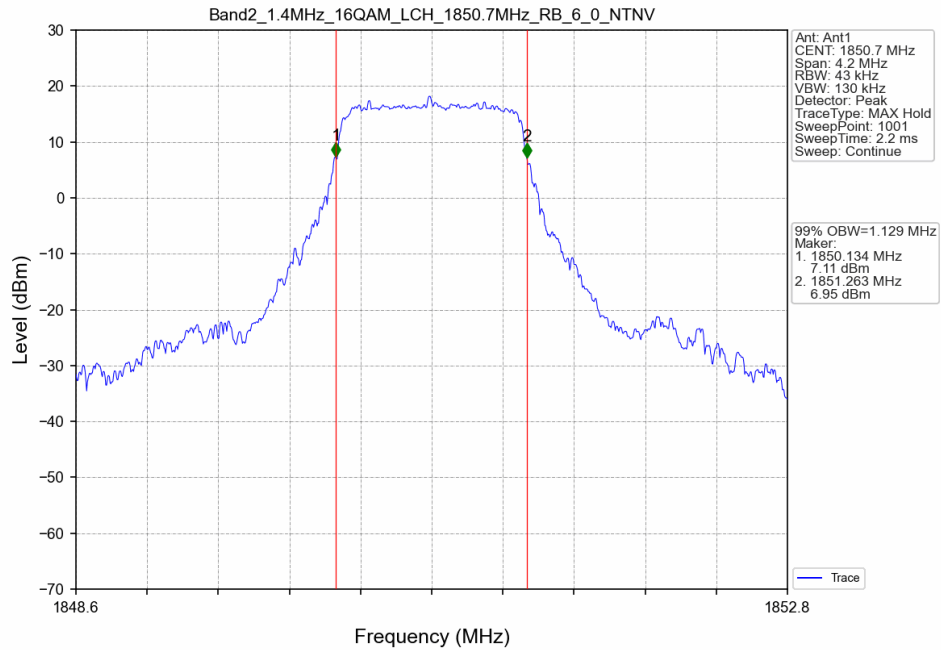
1.1.2 Test Graph



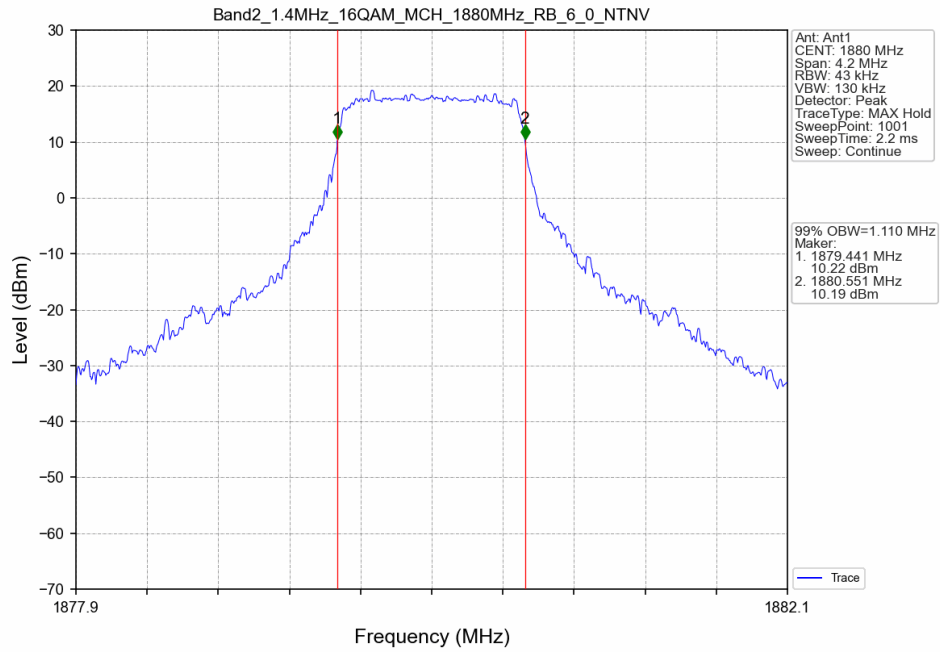
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



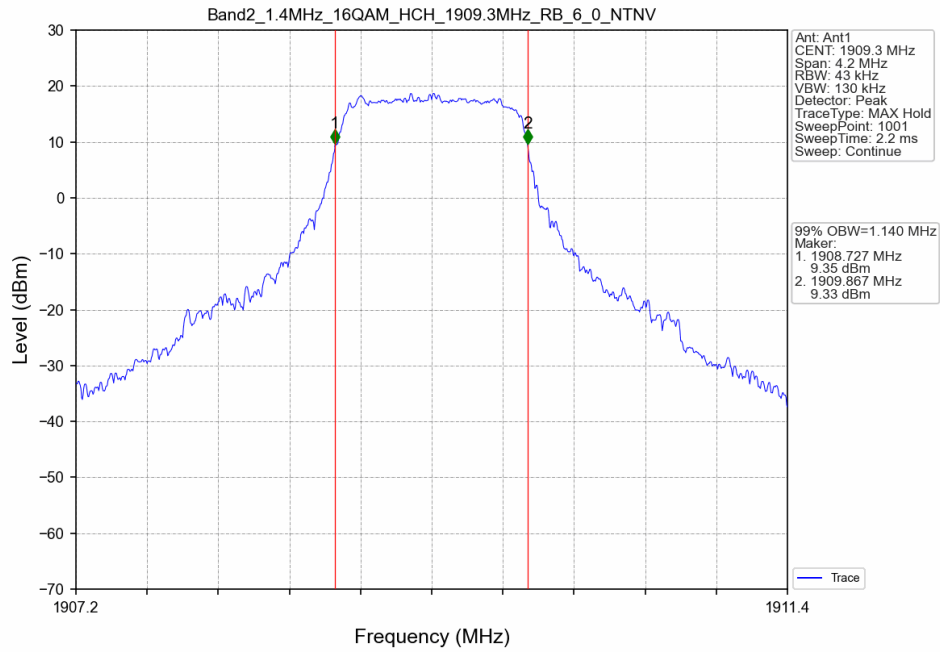
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



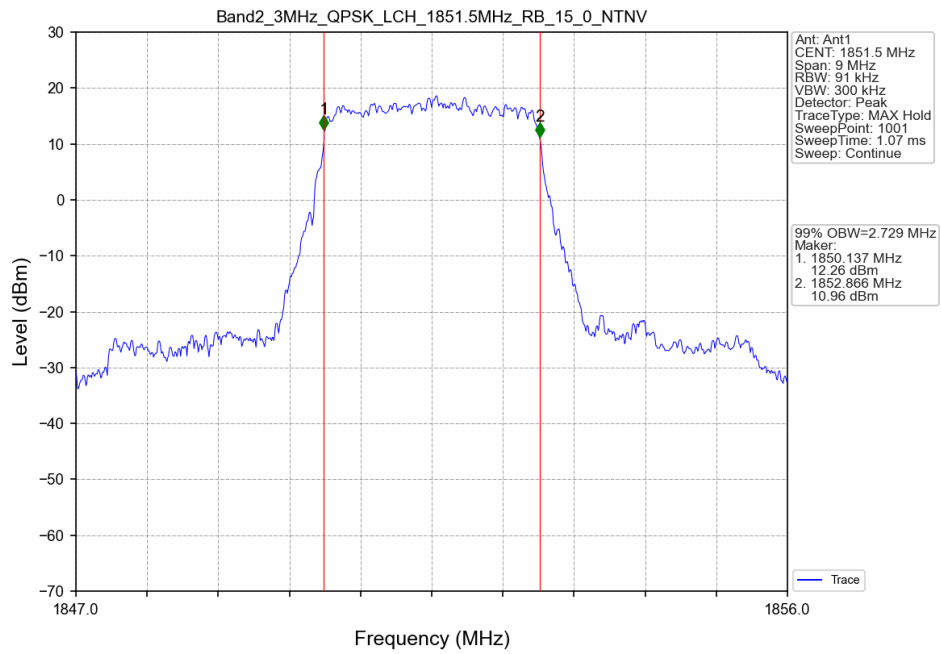
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



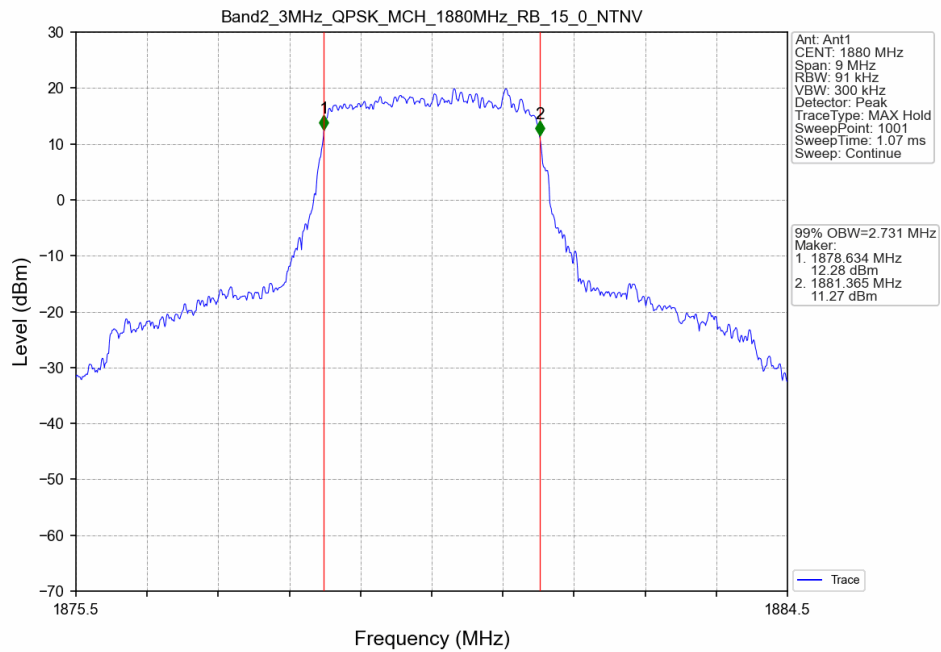
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



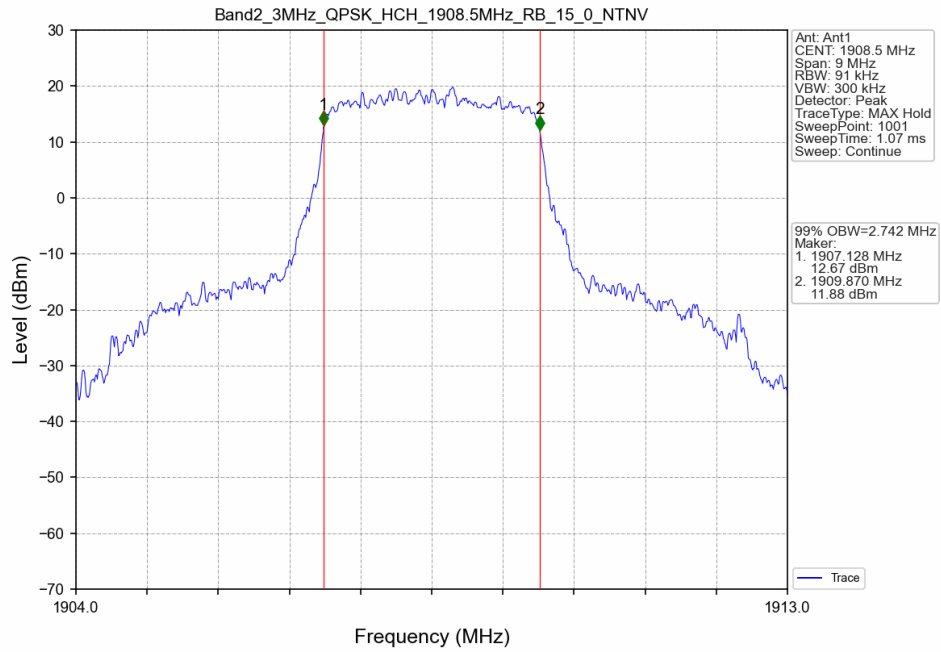
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



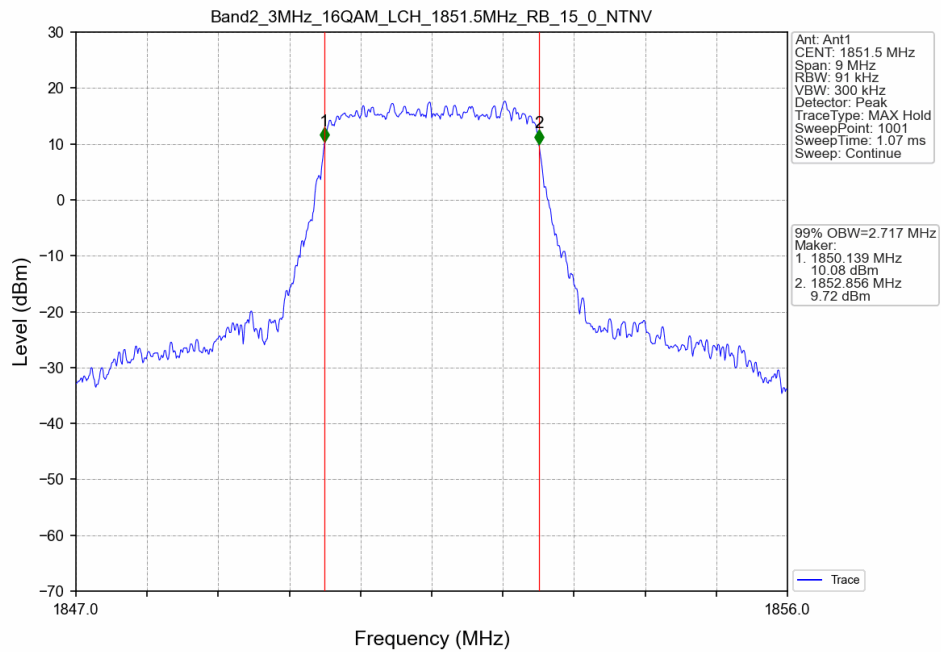
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



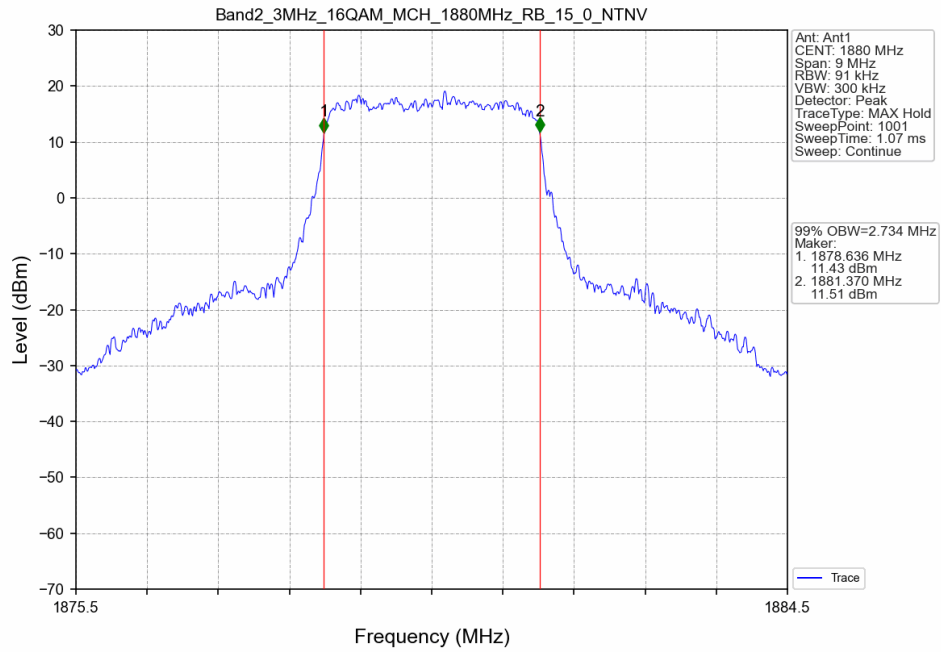
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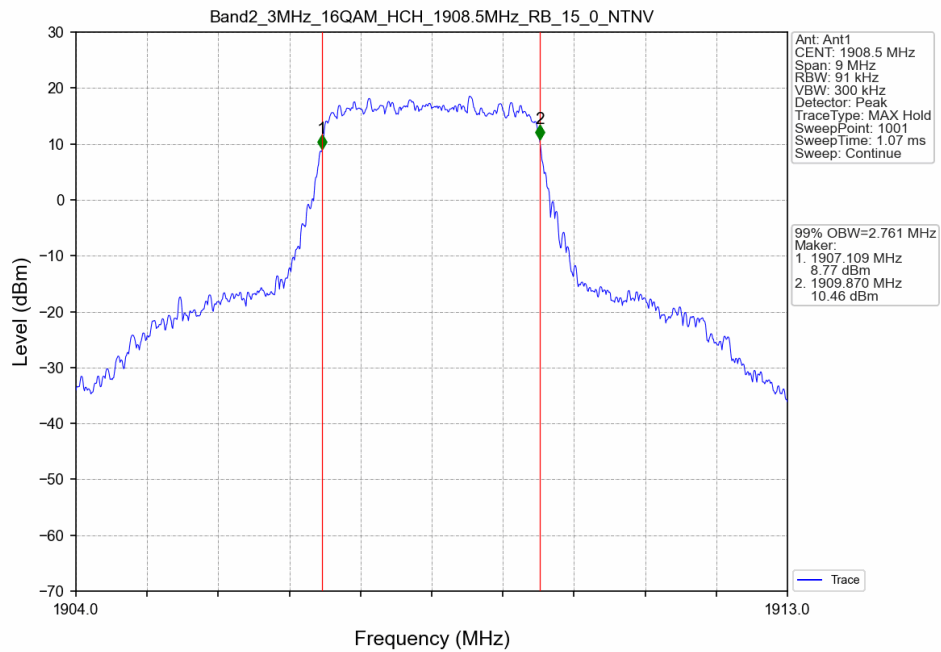
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



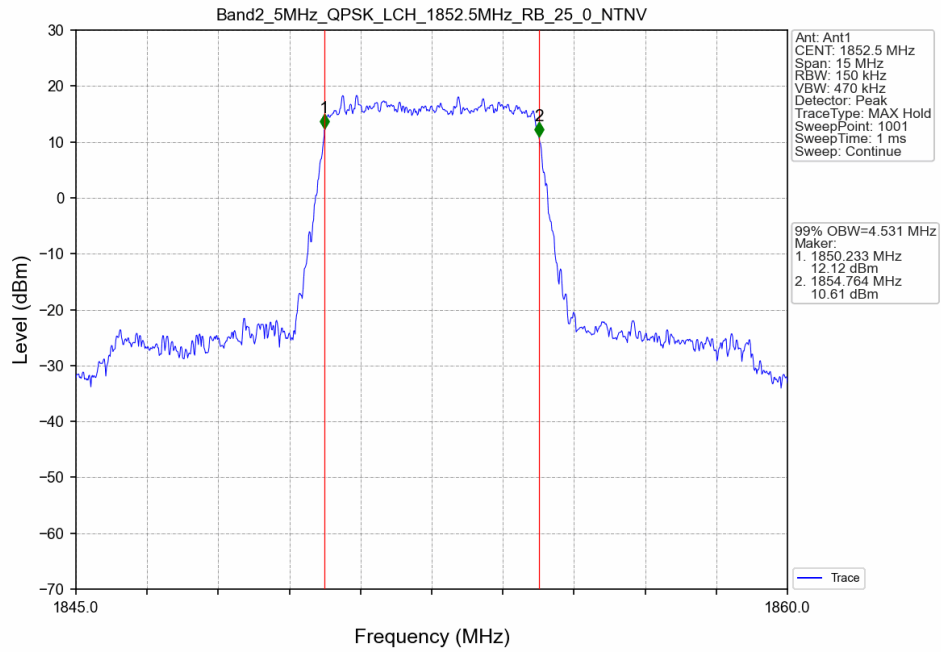
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



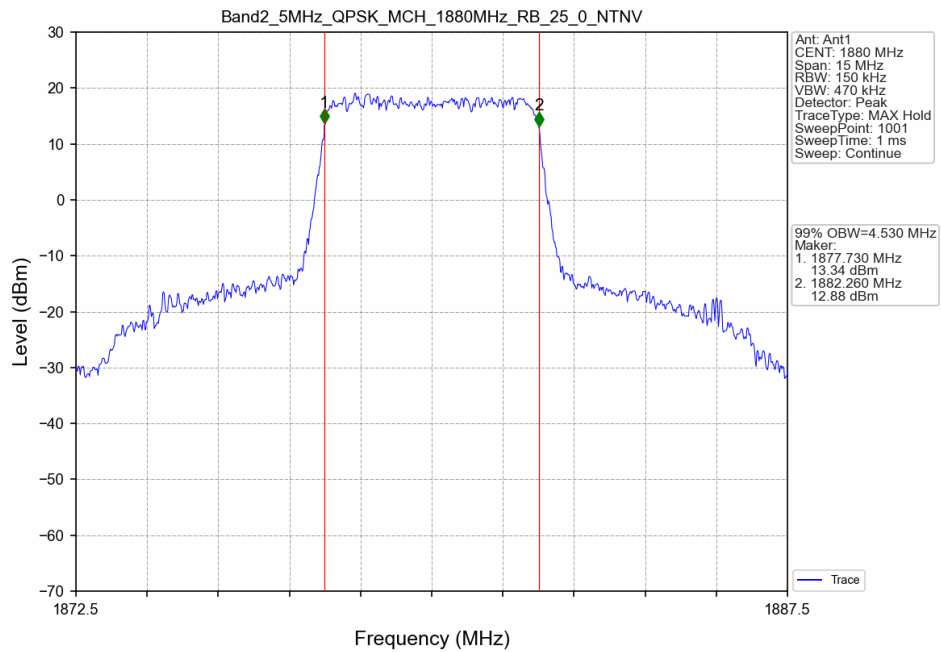
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



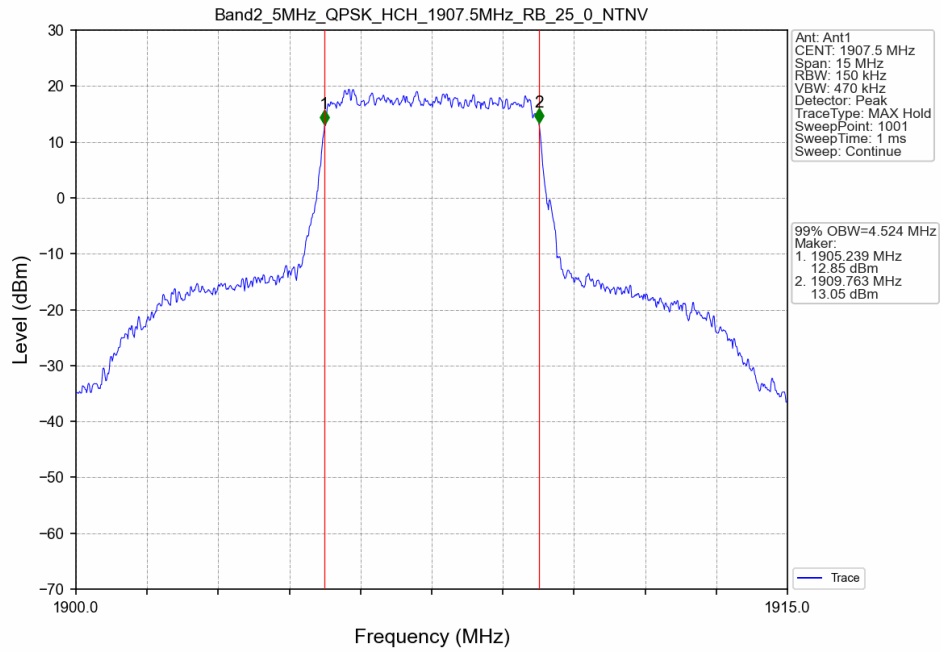
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



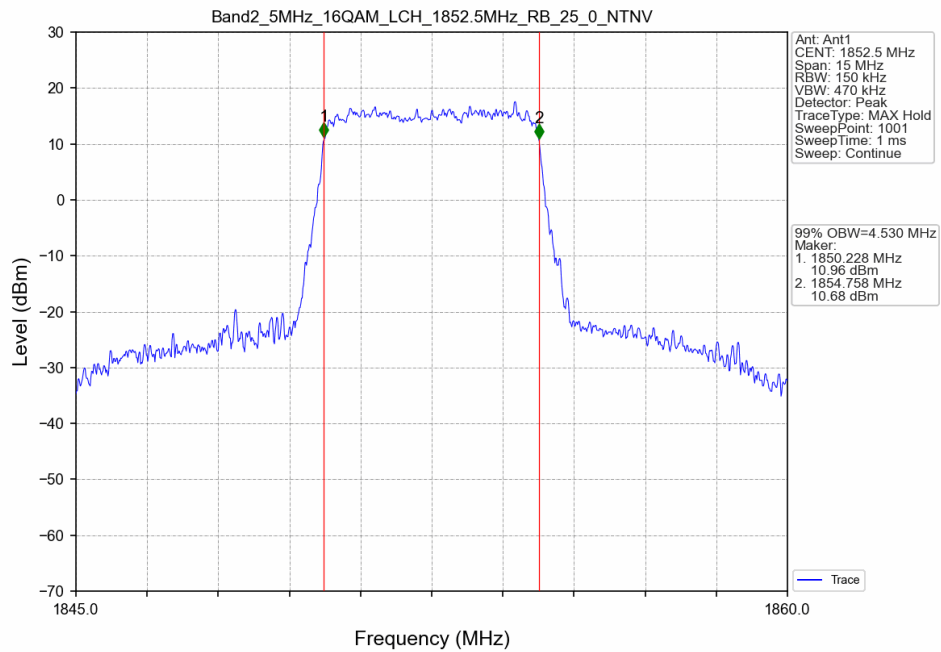
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



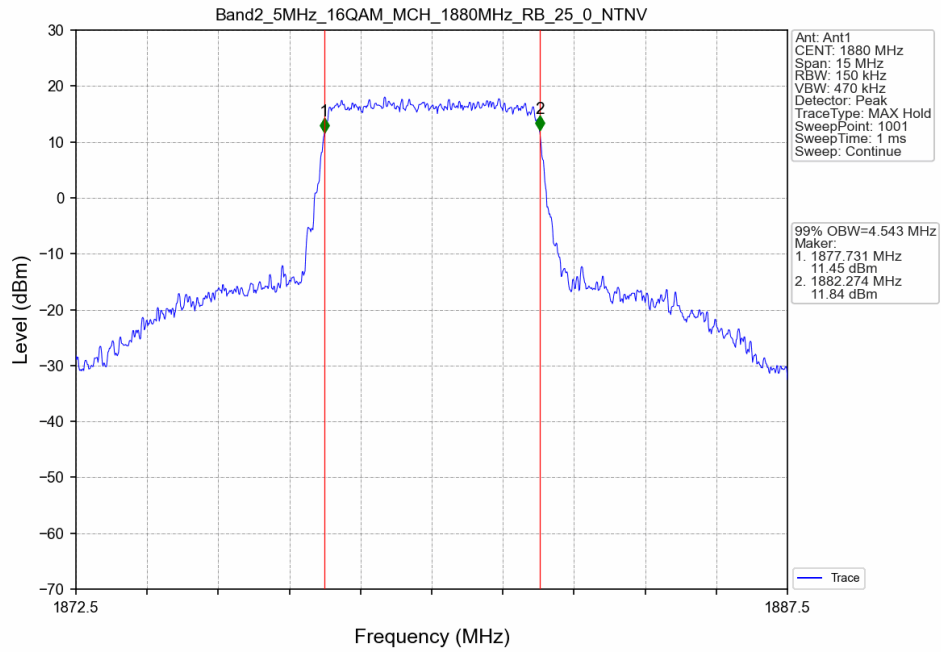
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



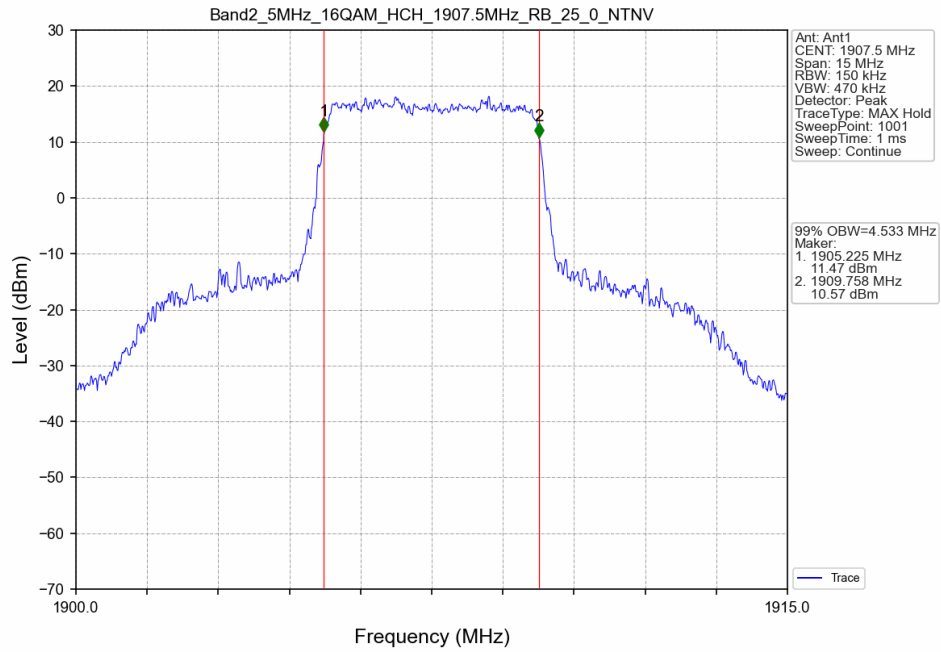
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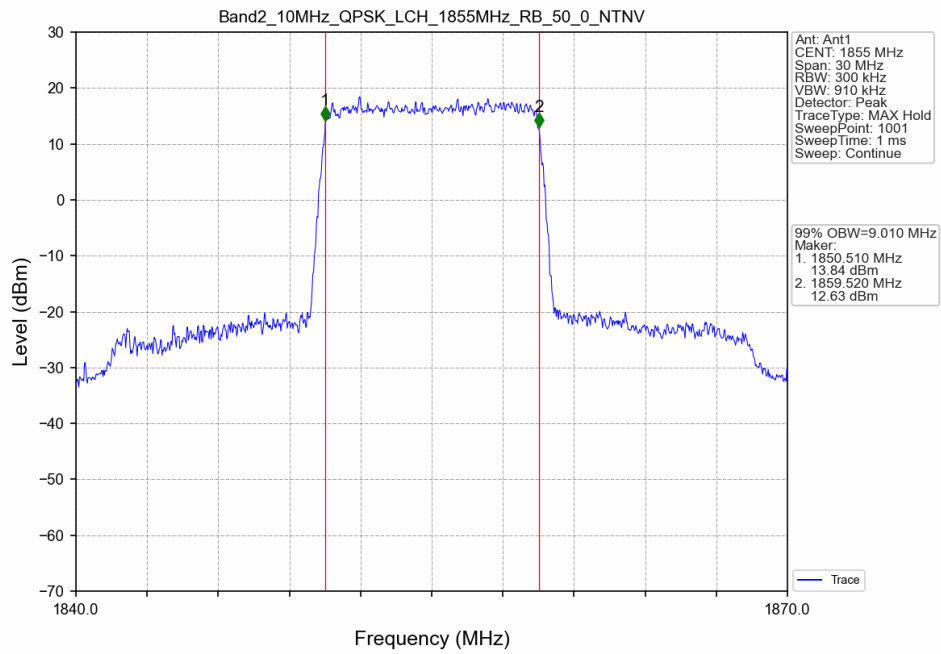
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



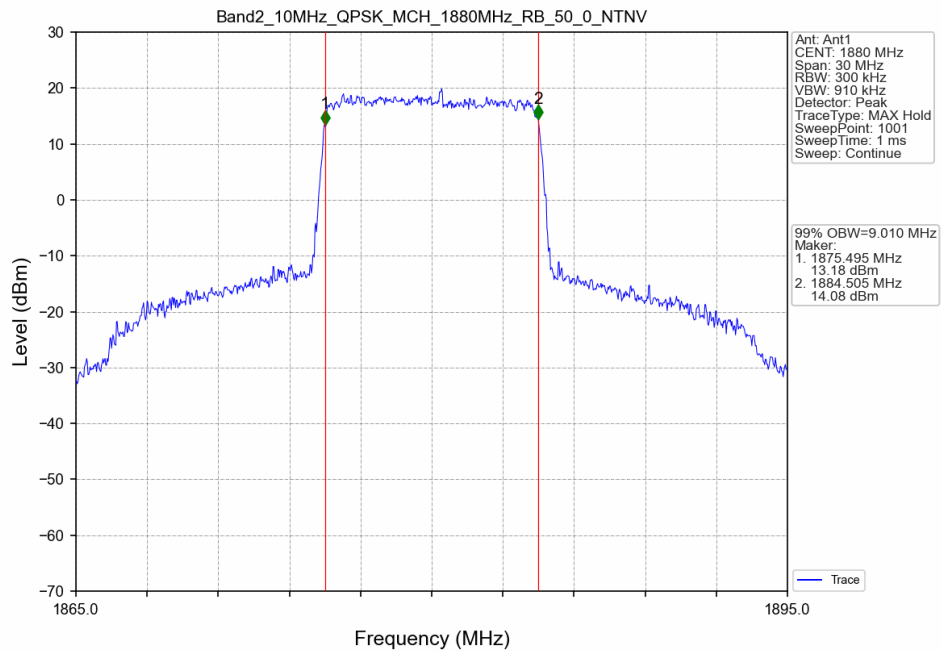
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



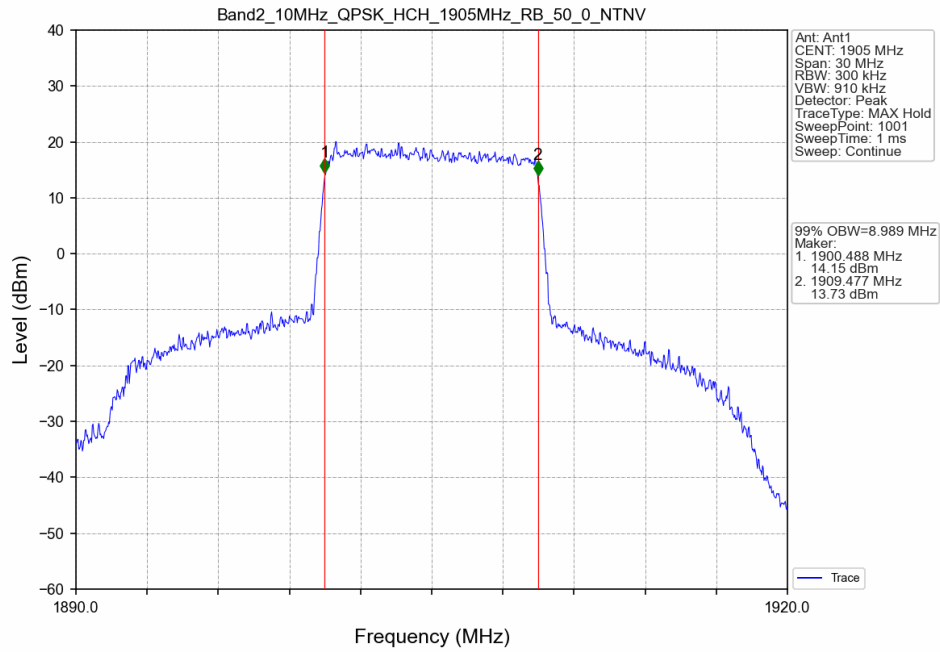
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



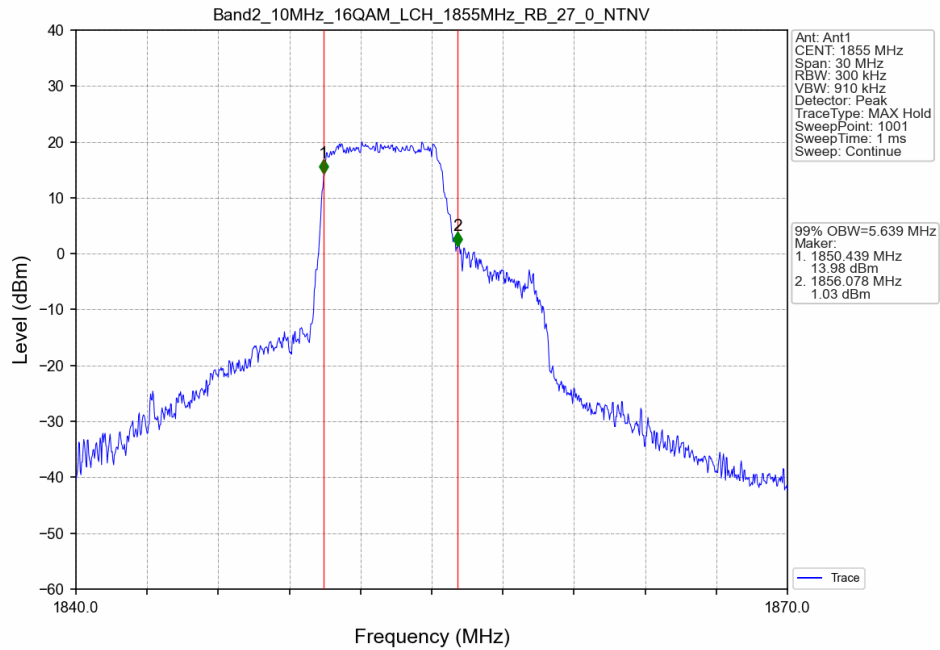
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



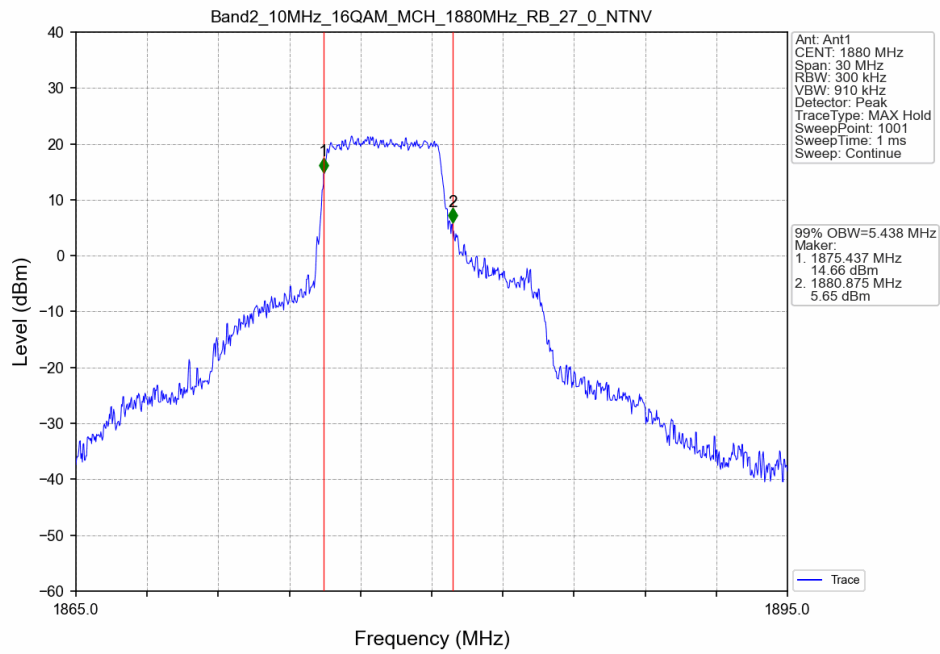
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



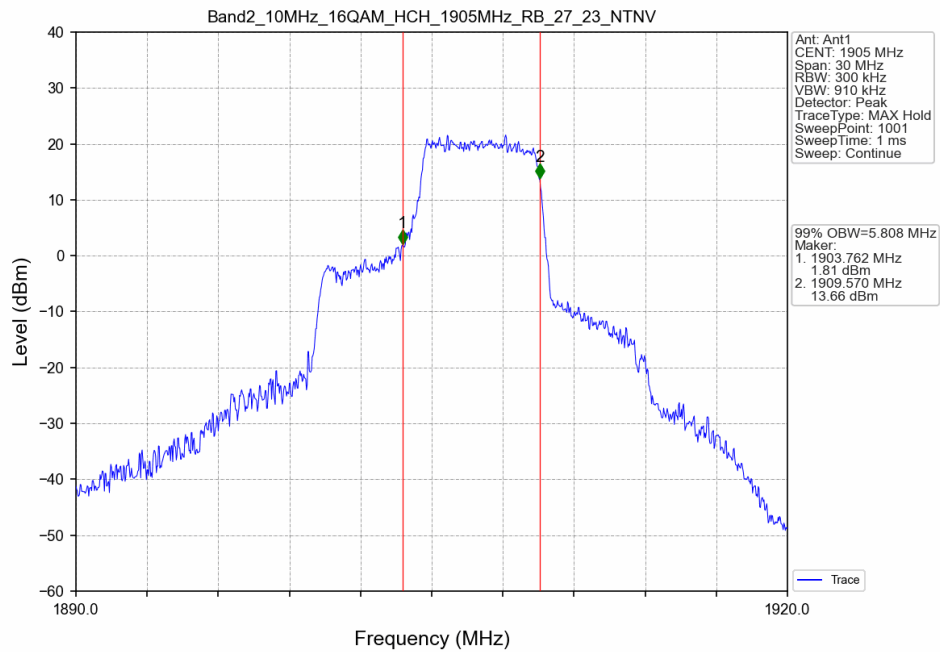
Band2 10MHz 16QAM LCH 1855MHz RB 27 0 NTNV



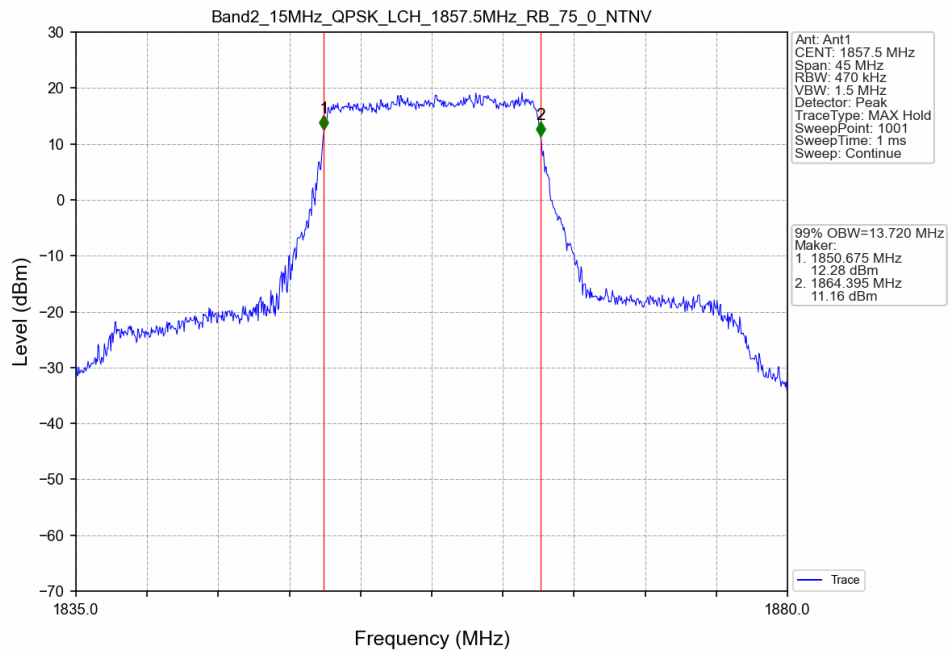
Band2 10MHz 16QAM MCH 1880MHz RB 27 0 NTNV



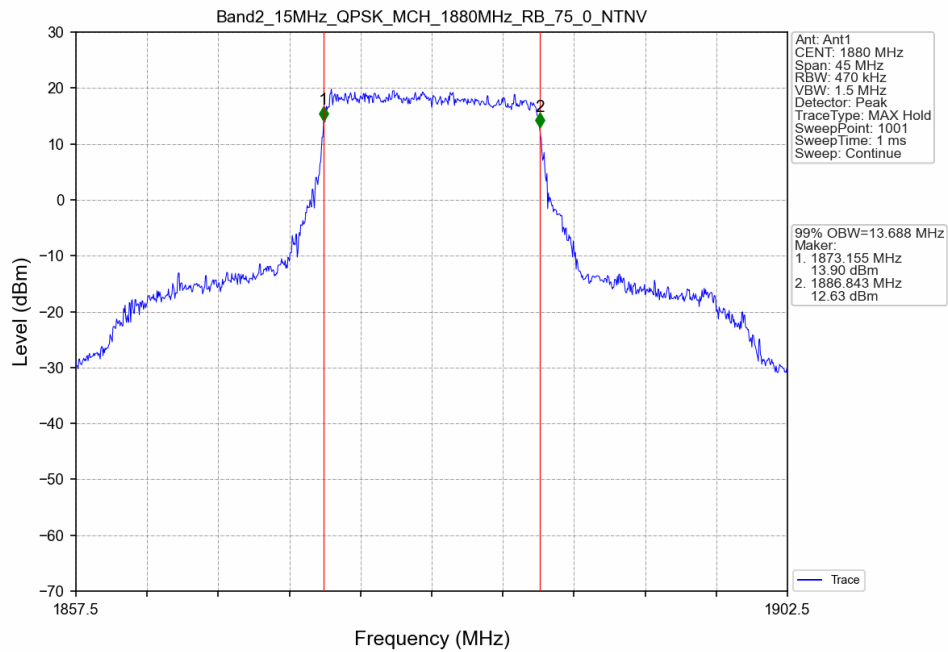
Band2 10MHz 16QAM HCH 1905MHz RB 27 23 NTNV



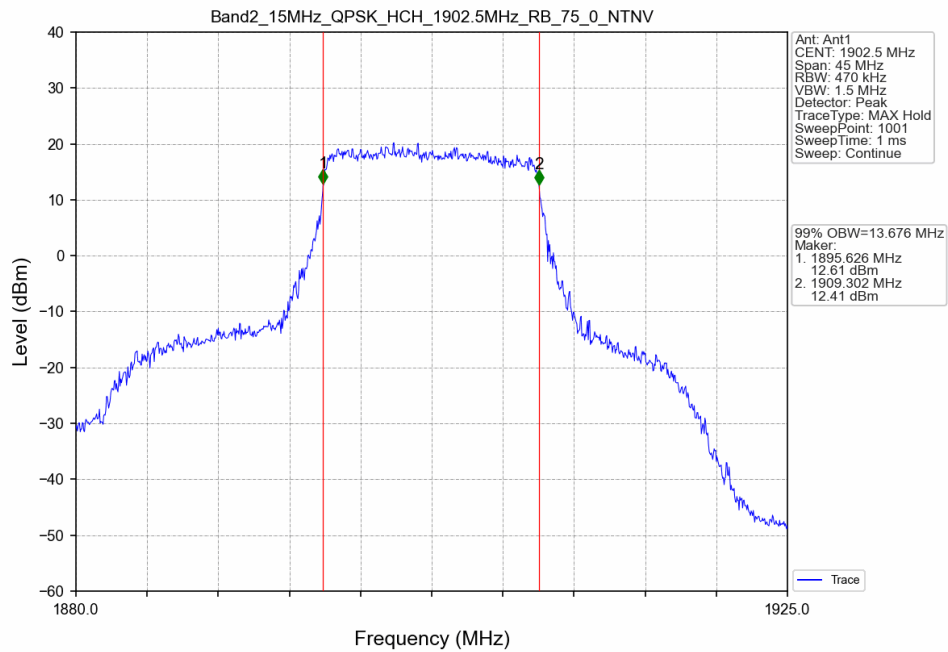
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



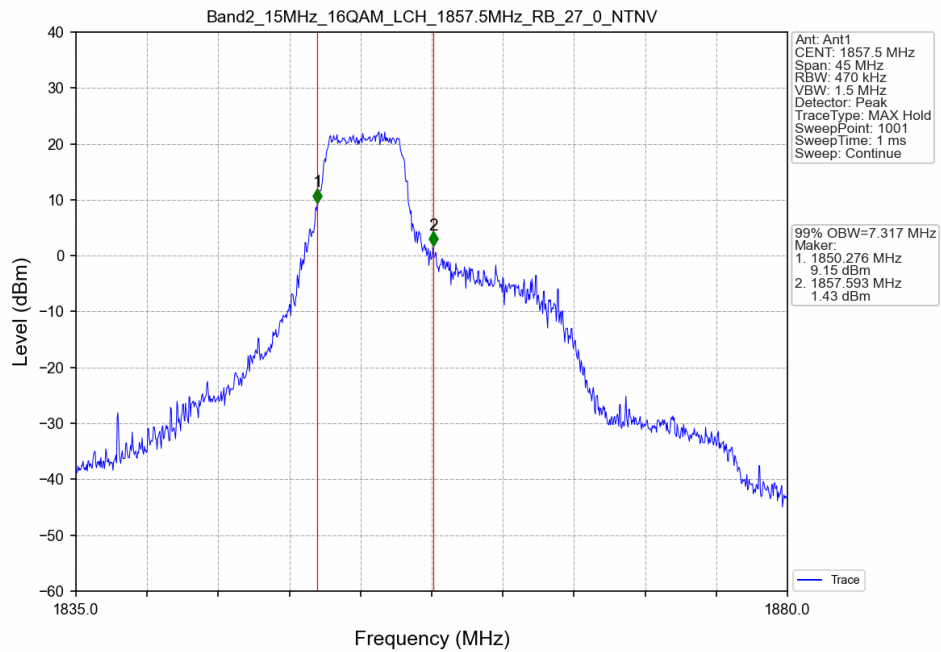
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



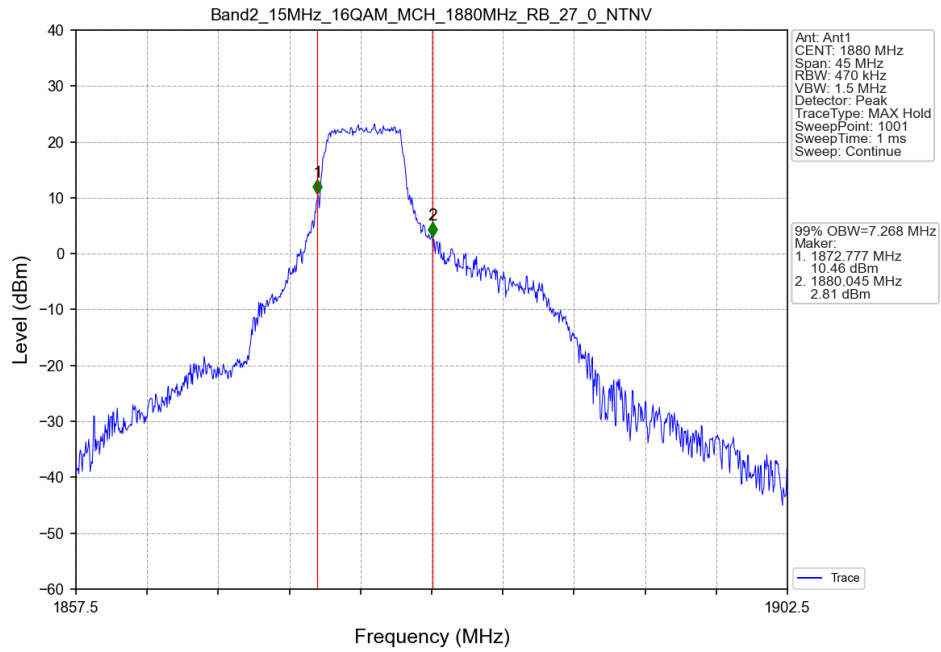
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTV



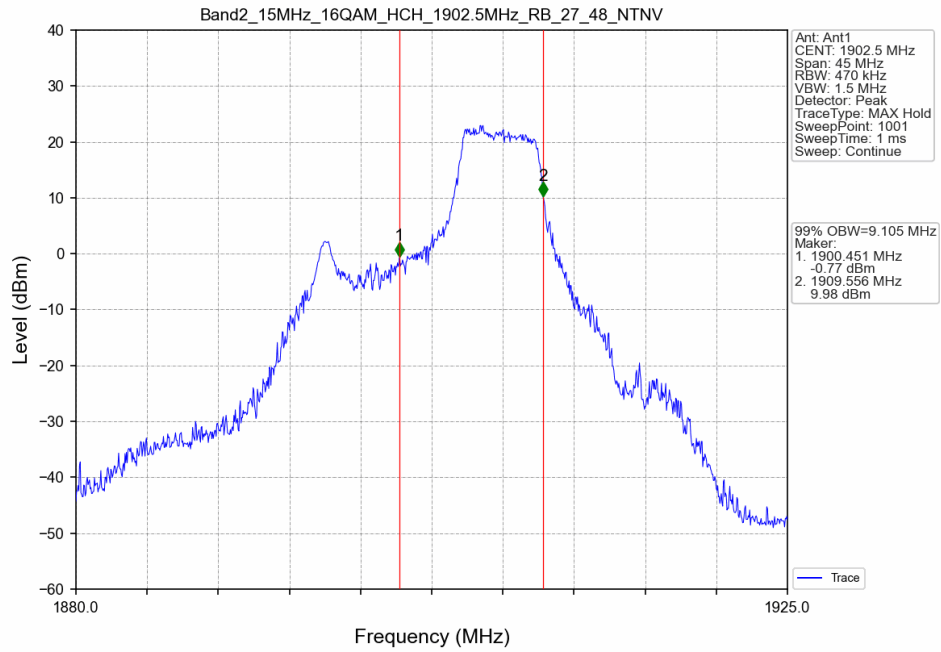
Band2 15MHz 16QAM LCH 1857.5MHz RB 27 0 NTV



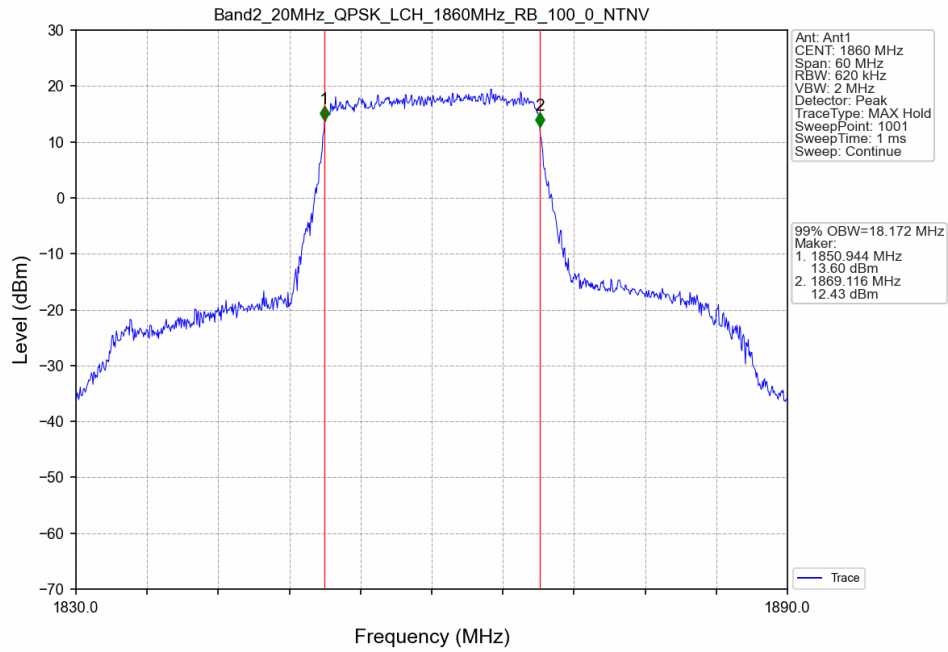
Band2 15MHz 16QAM MCH 1880MHz RB 27 0 NTNV



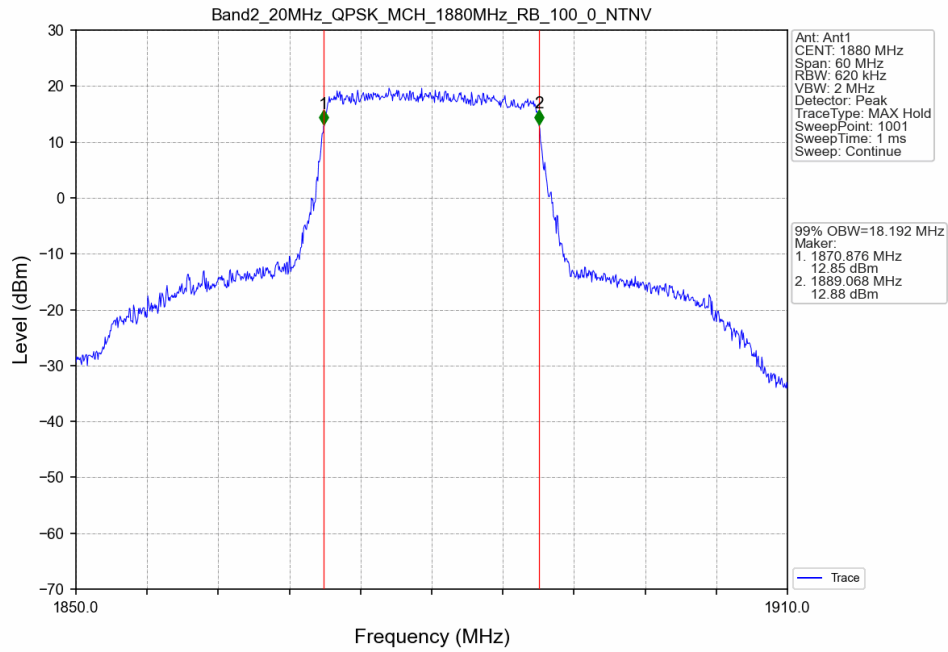
Band2 15MHz 16QAM HCH 1902.5MHz RB 27 48 NTNV



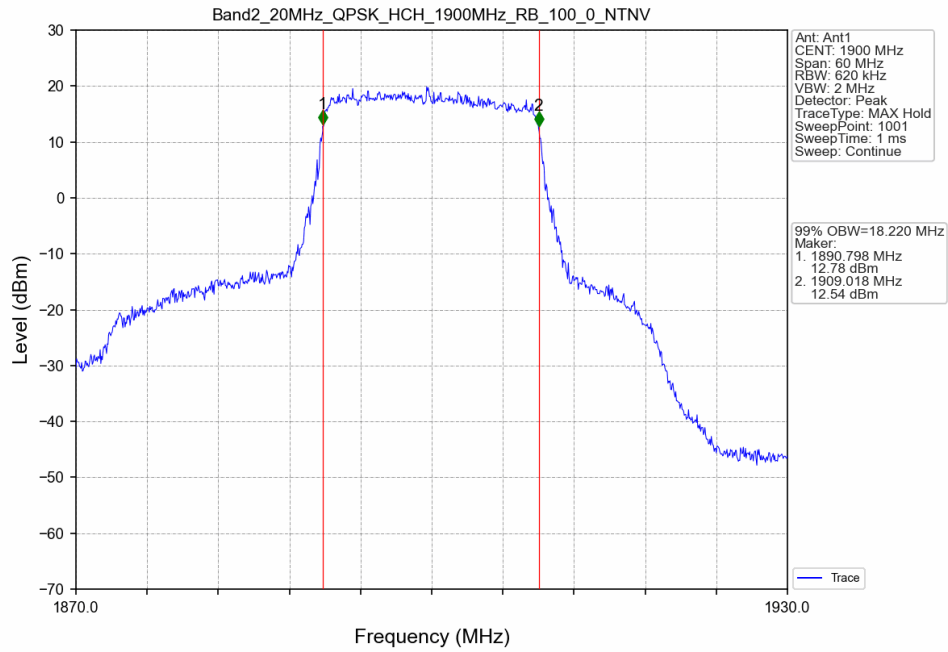
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



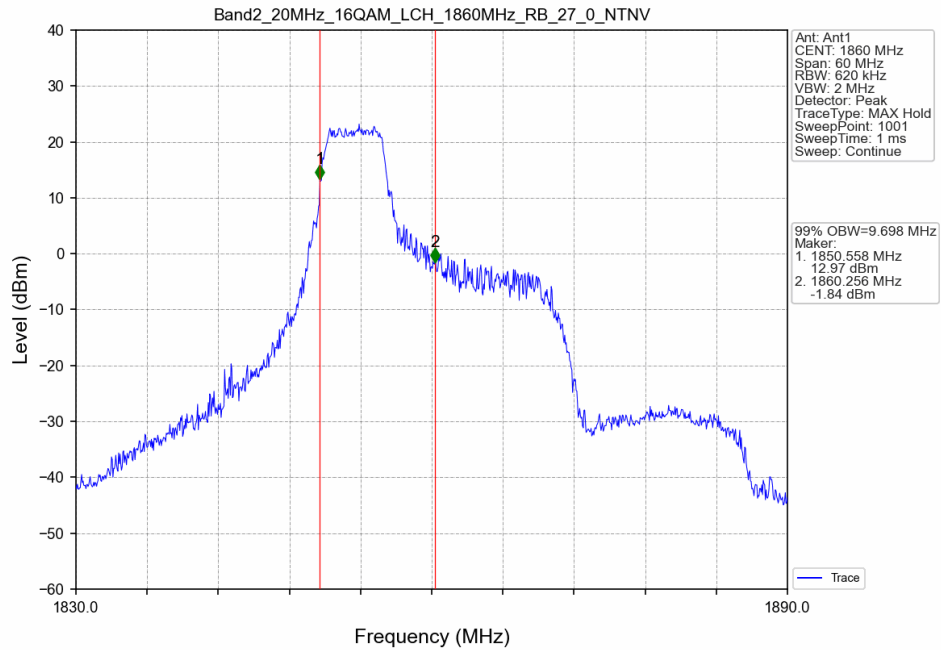
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTNV



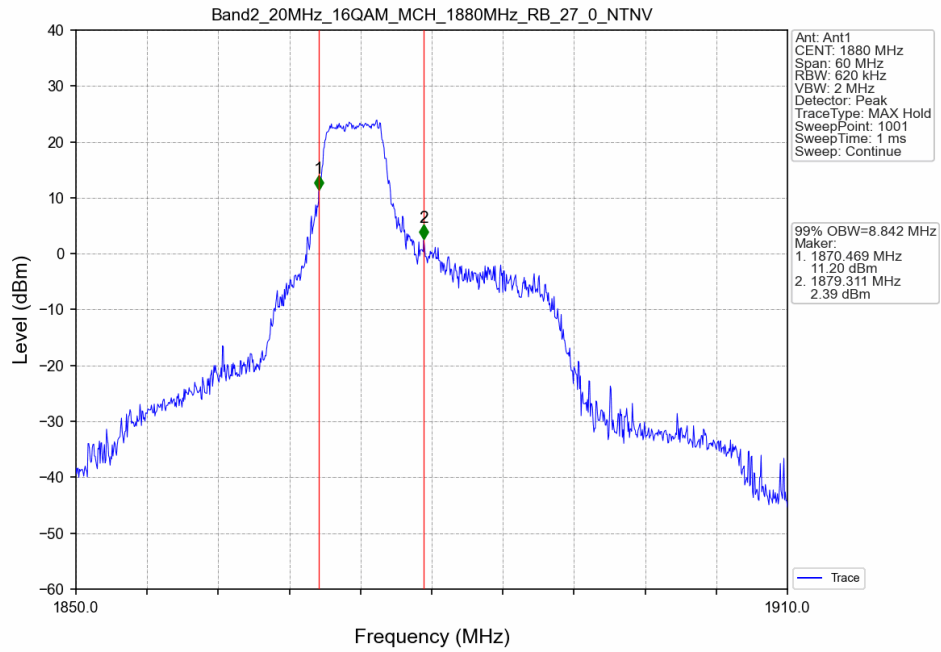
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTV



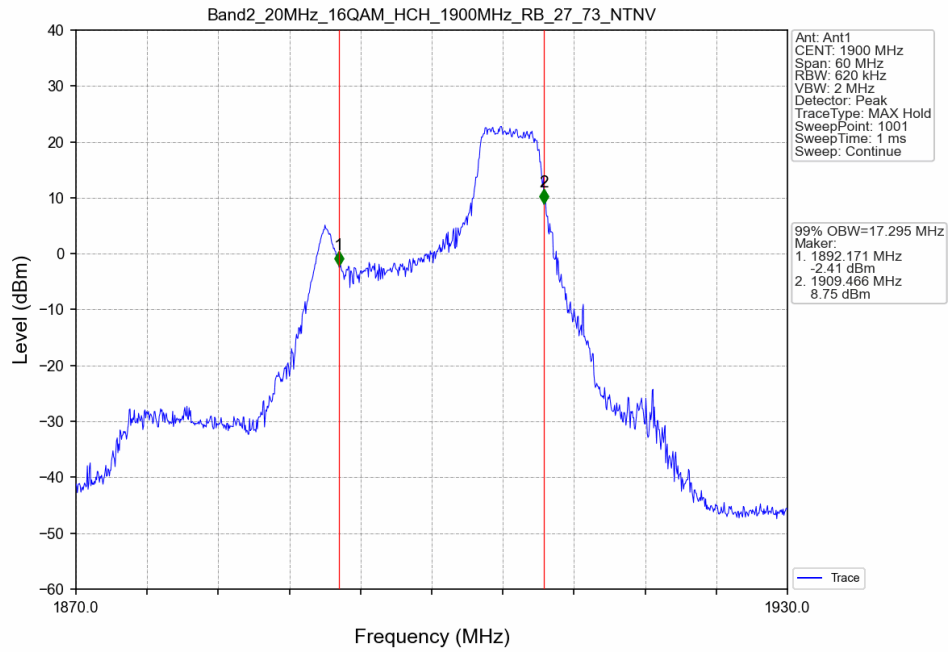
Band2 20MHz 16QAM LCH 1860MHz RB 27 0 NTV



Band2 20MHz 16QAM MCH 1880MHz RB 27 0 NTV



Band2 20MHz 16QAM HCH 1900MHz RB 27 73 NTV

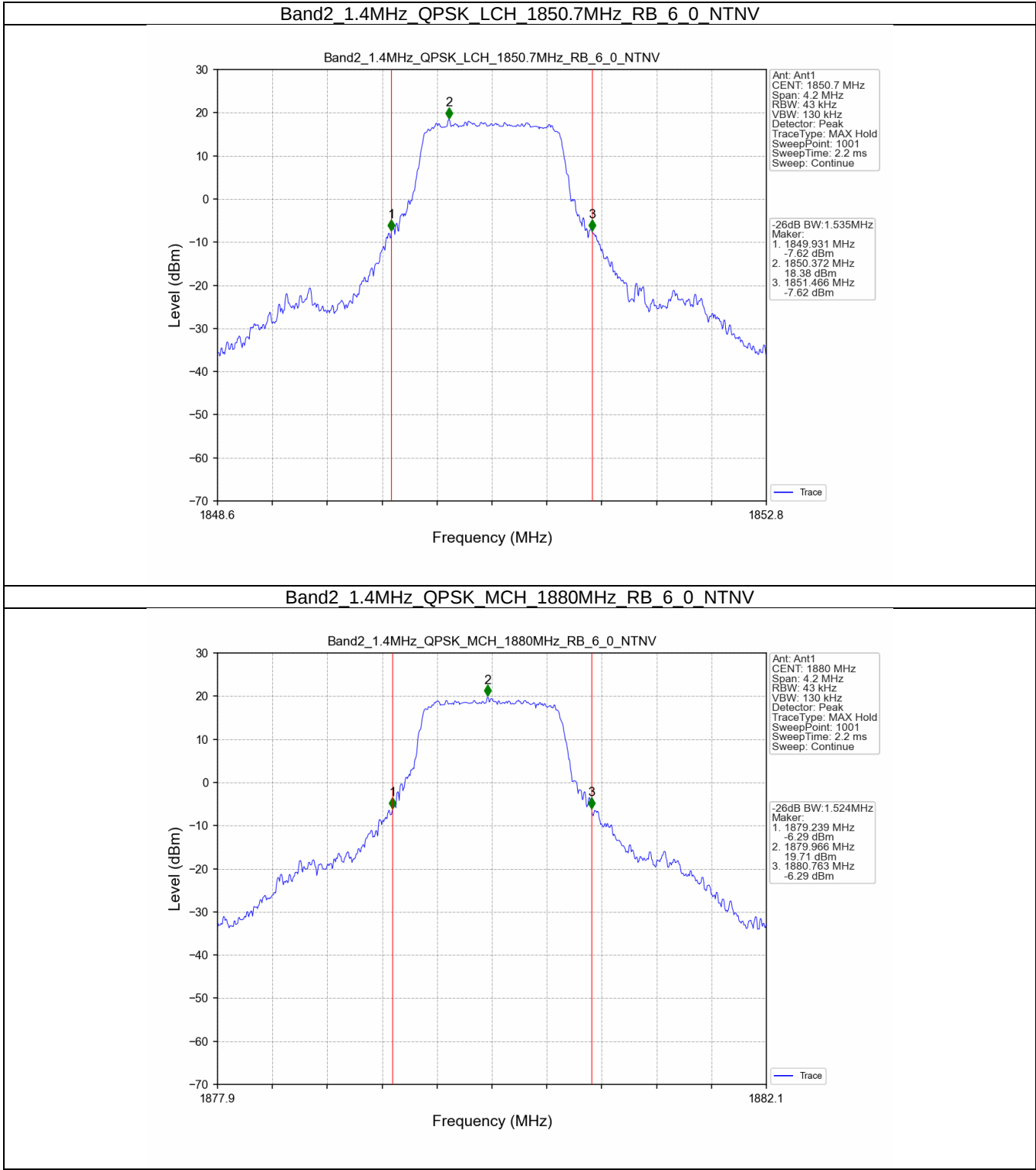


1.2 Band2_XDB

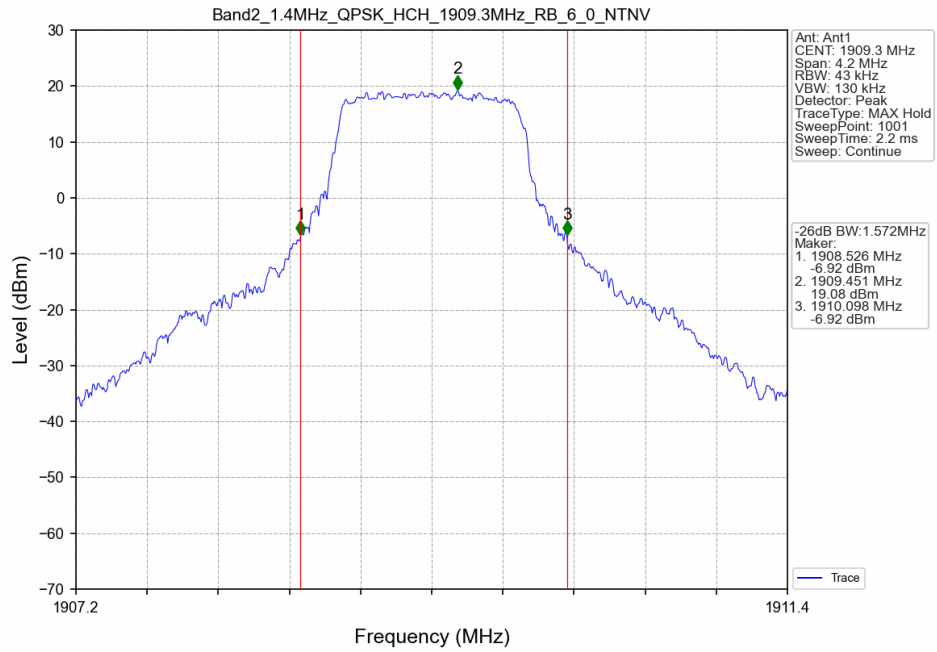
1.2.1 Test Result

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.535	/	Pass
		1880	6	0	1.524	/	Pass
		1909.3	6	0	1.572	/	Pass
	16QAM	1850.7	6	0	1.498	/	Pass
		1880	6	0	1.560	/	Pass
		1909.3	6	0	1.544	/	Pass
3	QPSK	1851.5	15	0	3.281	/	Pass
		1880	15	0	3.281	/	Pass
		1908.5	15	0	3.382	/	Pass
	16QAM	1851.5	15	0	3.273	/	Pass
		1880	15	0	3.265	/	Pass
		1908.5	15	0	3.350	/	Pass
5	QPSK	1852.5	25	0	5.186	/	Pass
		1880	25	0	5.153	/	Pass
		1907.5	25	0	5.210	/	Pass
	16QAM	1852.5	25	0	5.151	/	Pass
		1880	25	0	5.206	/	Pass
		1907.5	25	0	5.198	/	Pass
10	QPSK	1855	50	0	9.829	/	Pass
		1880	50	0	9.816	/	Pass
		1905	50	0	9.832	/	Pass
	16QAM	1855	27	0	9.240	/	Pass
		1880	27	0	9.477	/	Pass
		1905	27	23	9.575	/	Pass
15	QPSK	1857.5	75	0	16.940	/	Pass
		1880	75	0	17.095	/	Pass
		1902.5	75	0	17.058	/	Pass
	16QAM	1857.5	27	0	15.131	/	Pass
		1880	27	0	13.058	/	Pass
		1902.5	27	48	15.583	/	Pass
20	QPSK	1860	100	0	21.683	/	Pass
		1880	100	0	21.628	/	Pass
		1900	100	0	21.287	/	Pass
	16QAM	1860	27	0	15.679	/	Pass
		1880	27	0	16.549	/	Pass
		1900	27	73	20.679	/	Pass

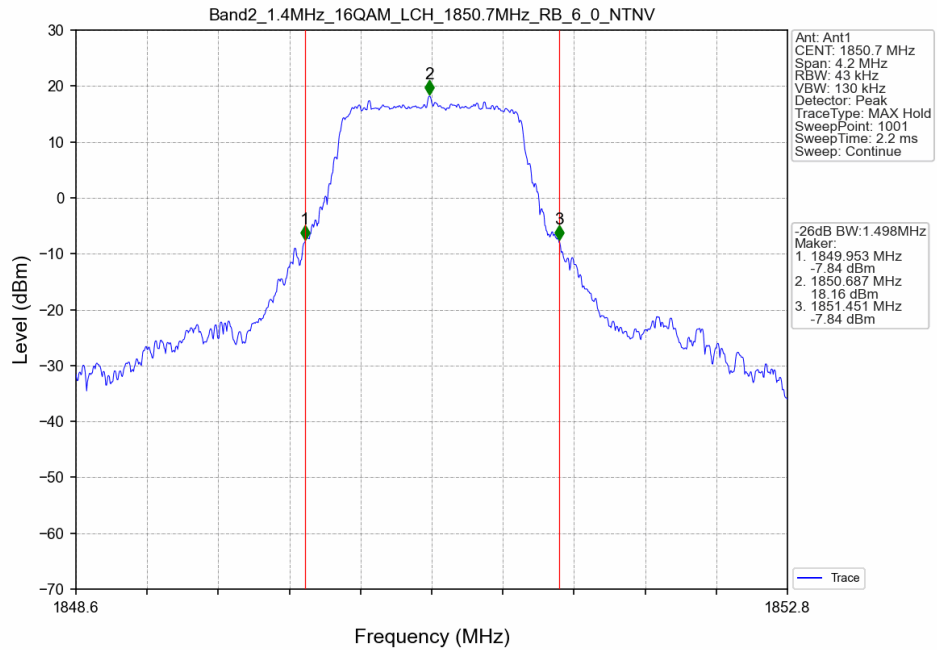
1.2.2 Test Graph



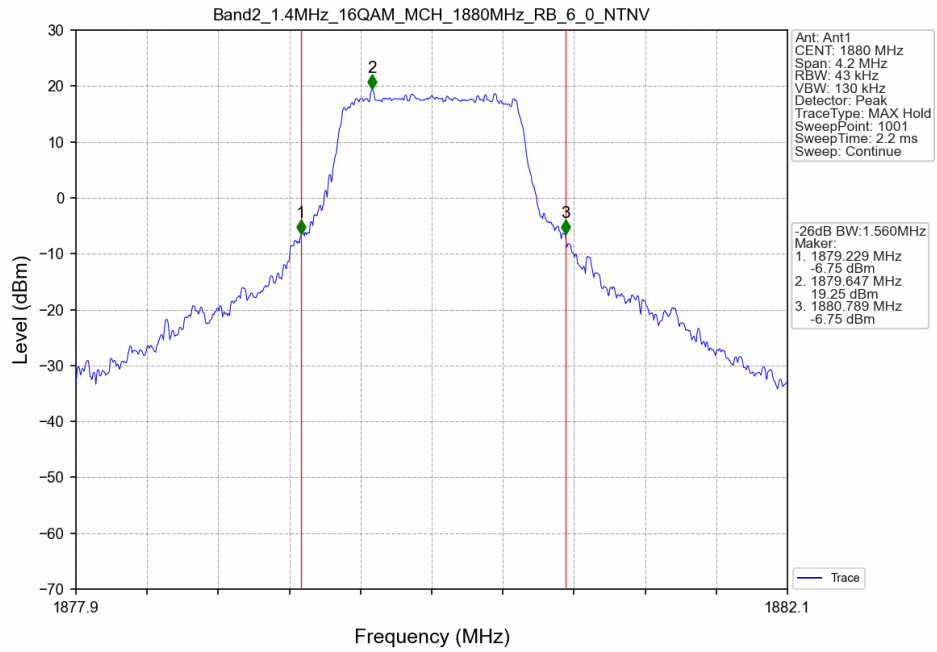
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



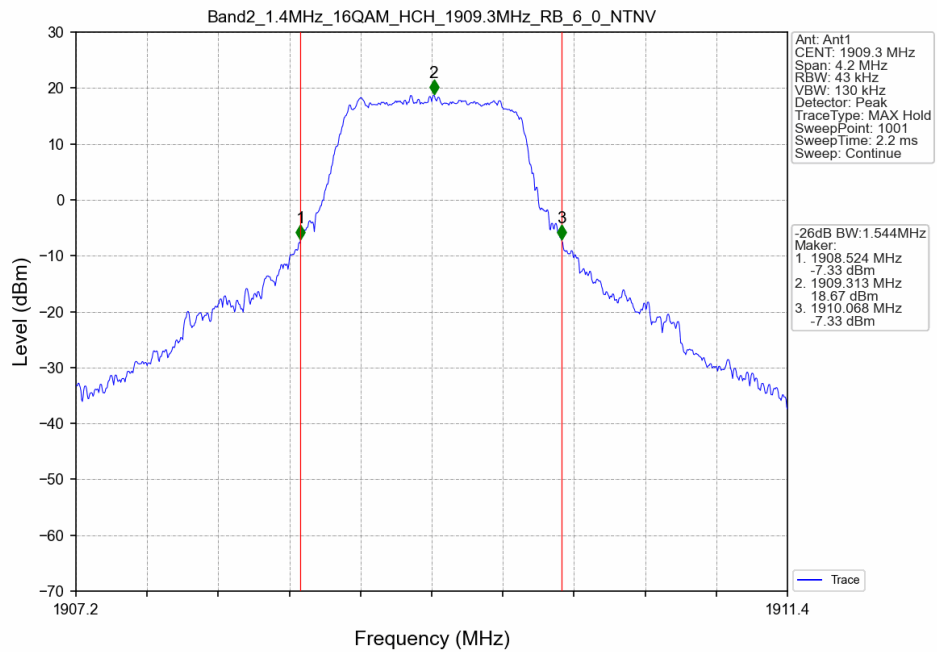
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



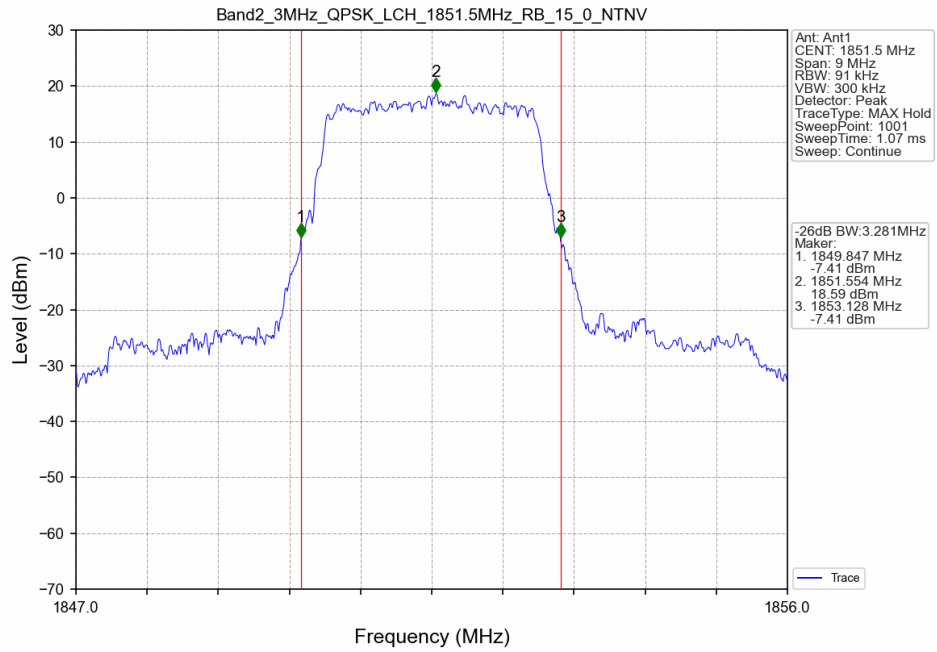
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



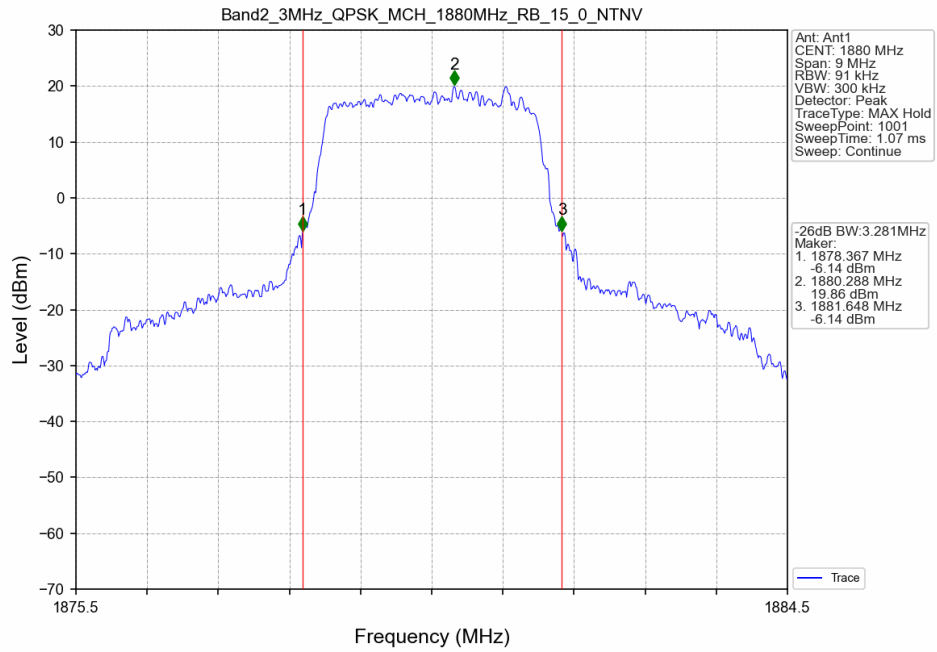
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



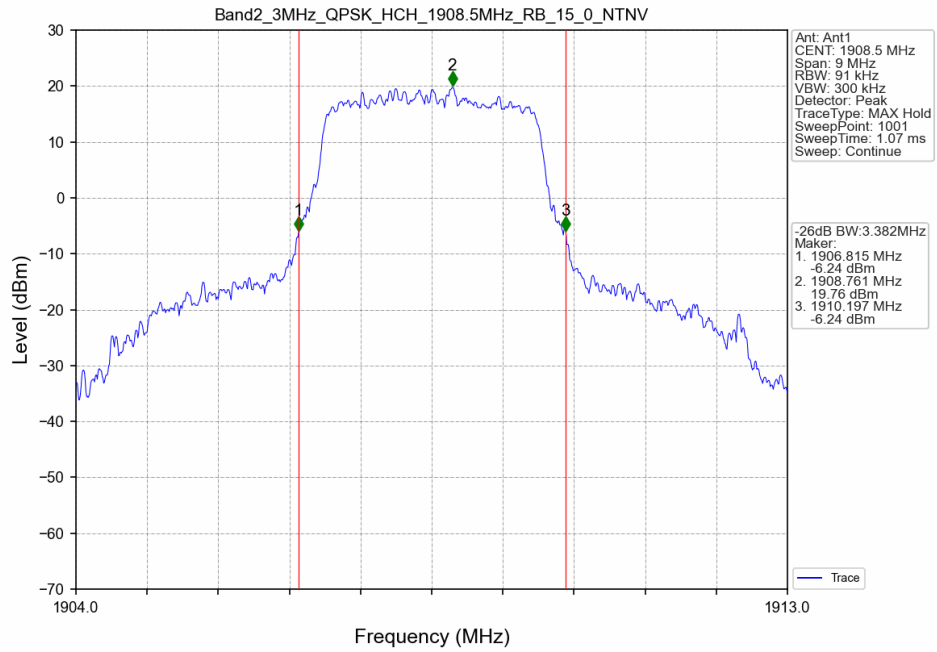
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



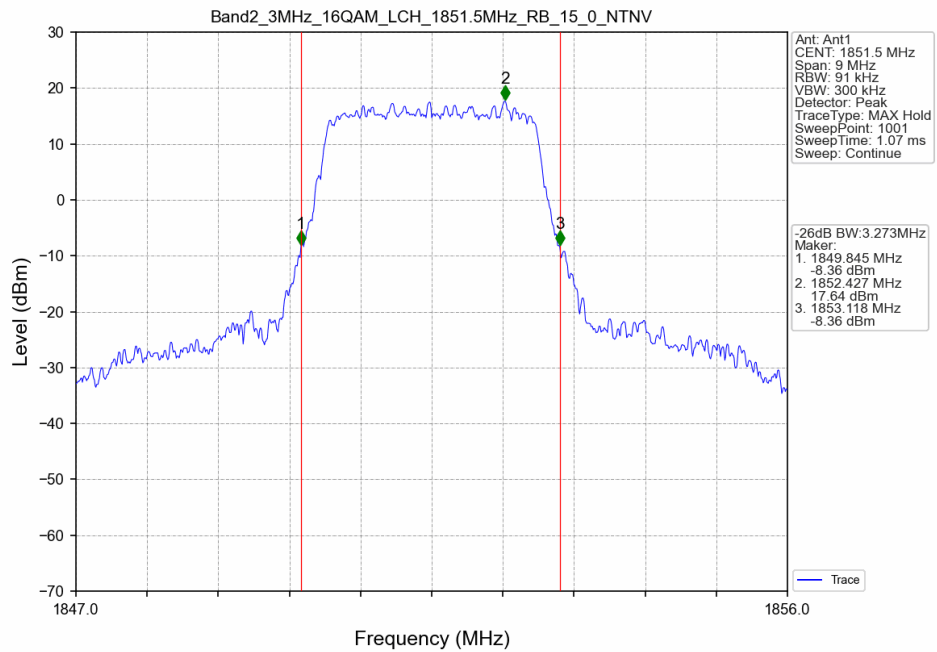
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



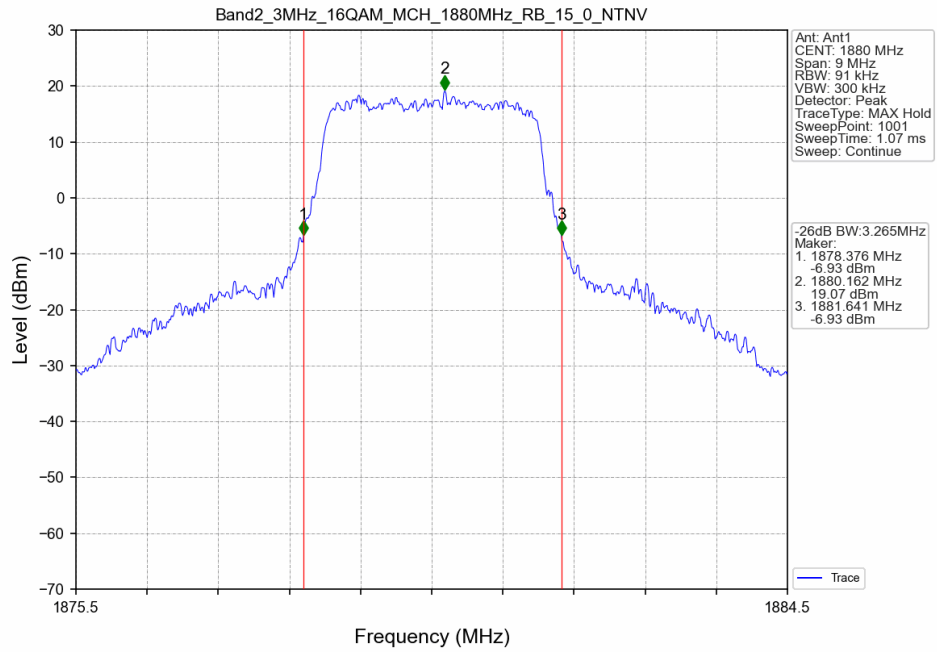
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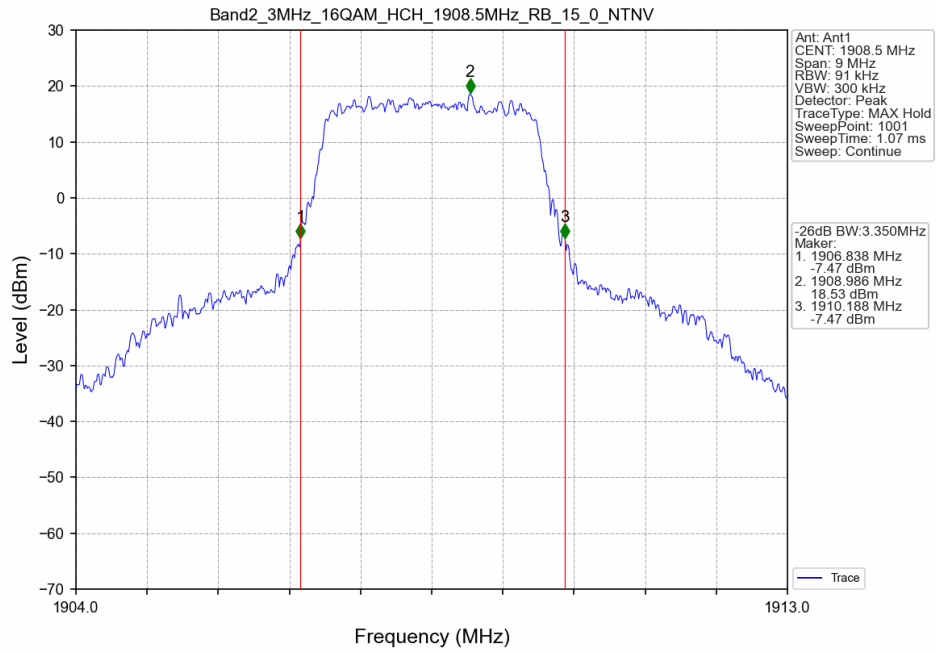
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



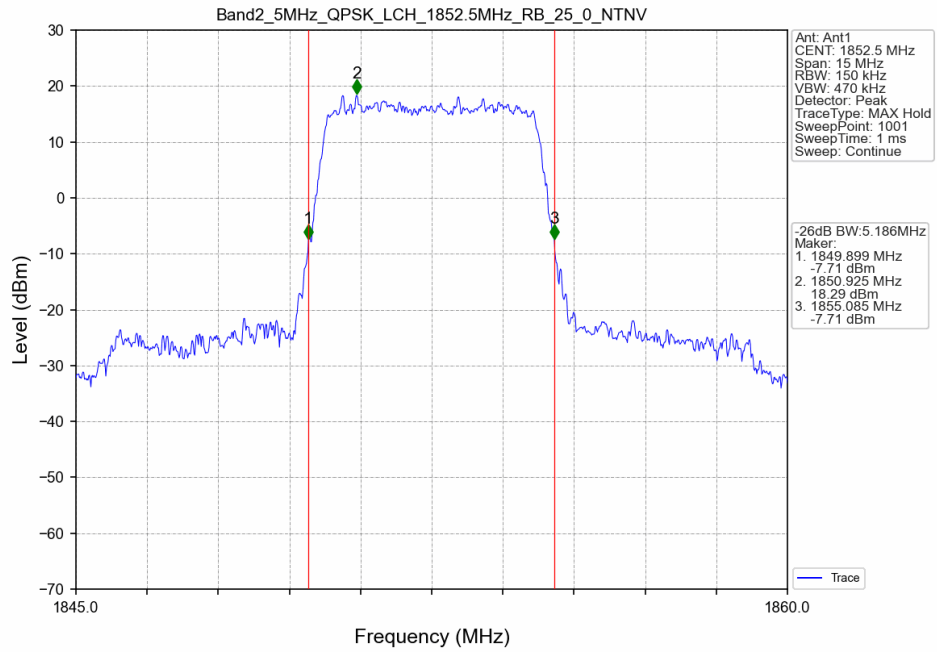
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



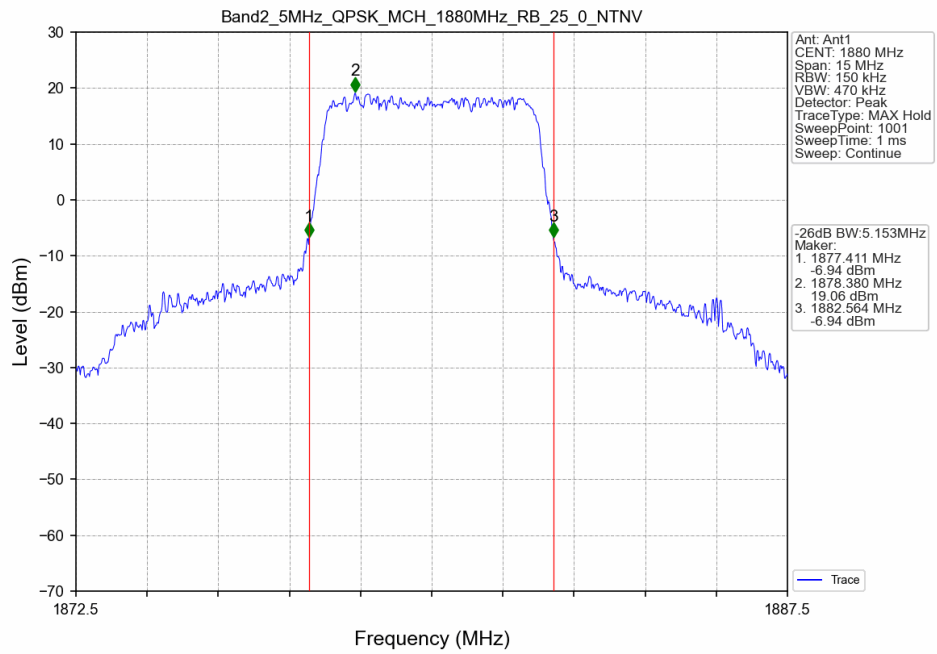
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



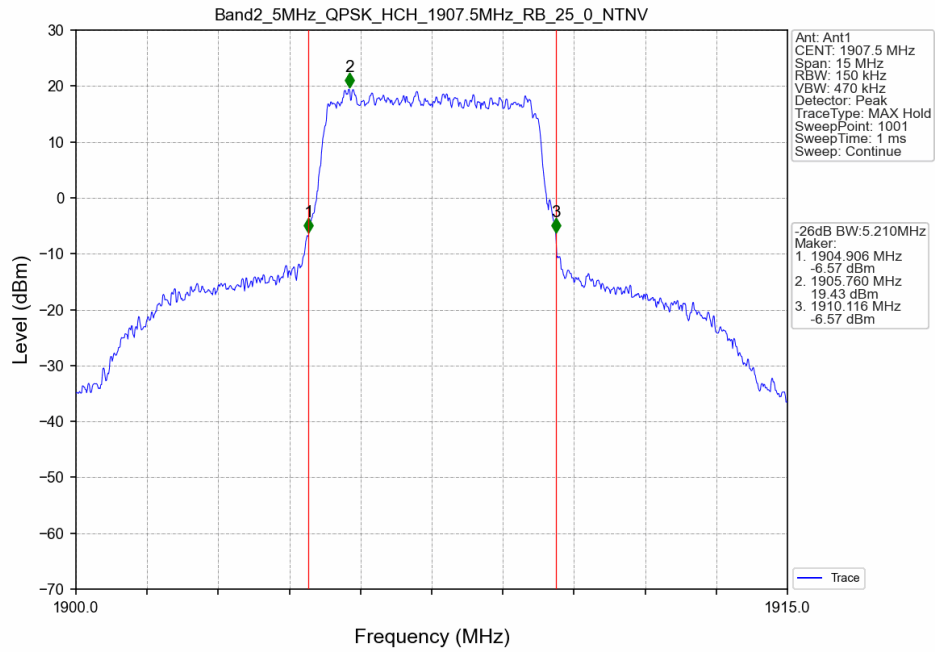
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



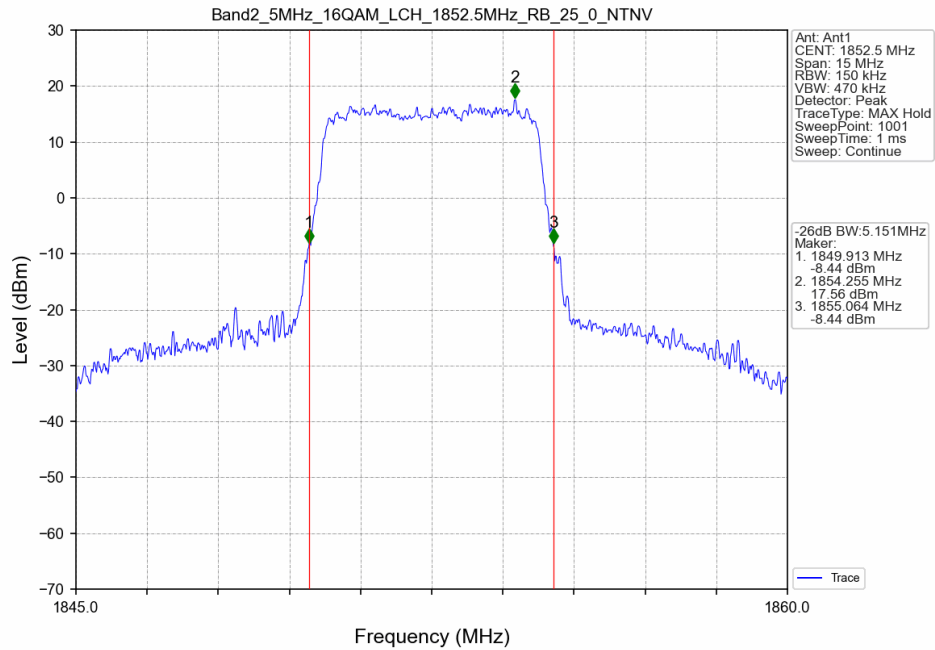
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



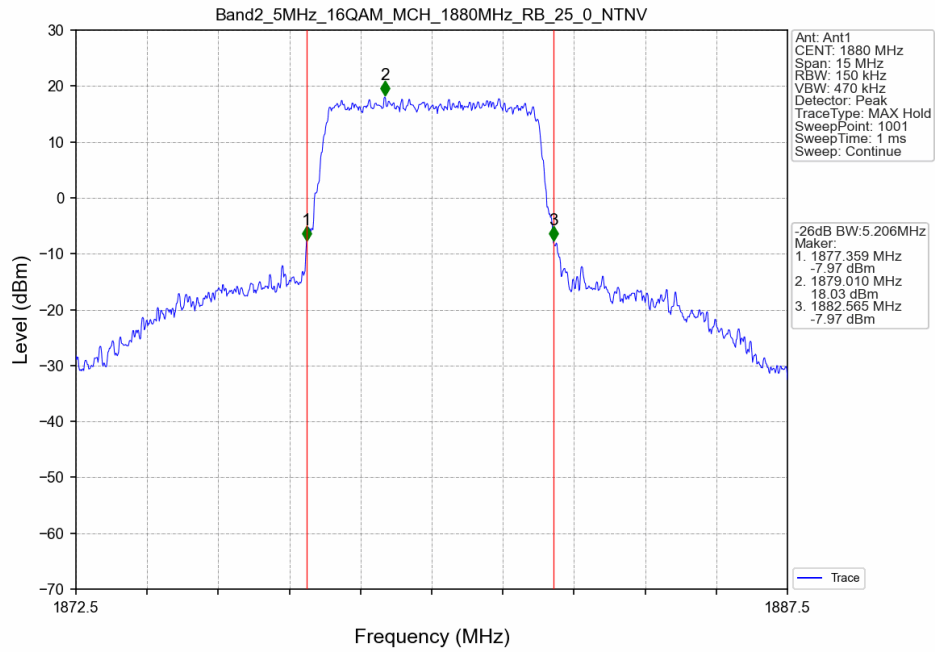
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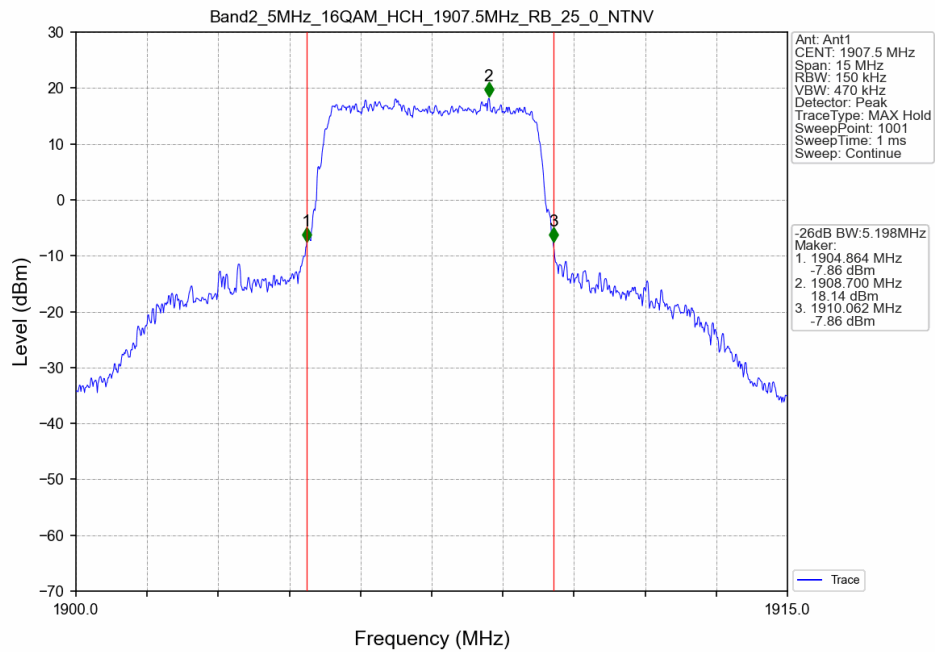
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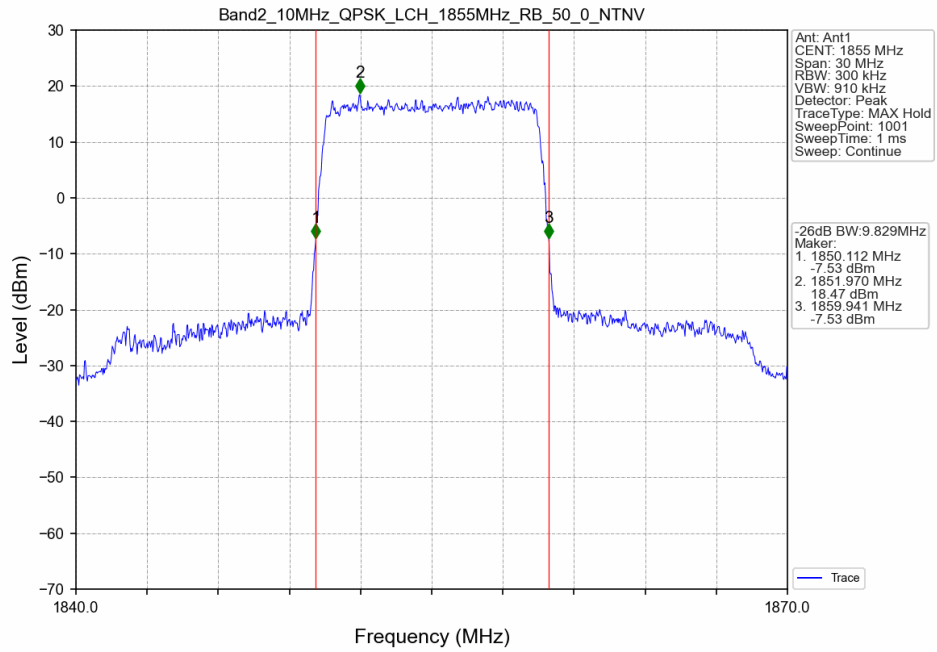
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTV



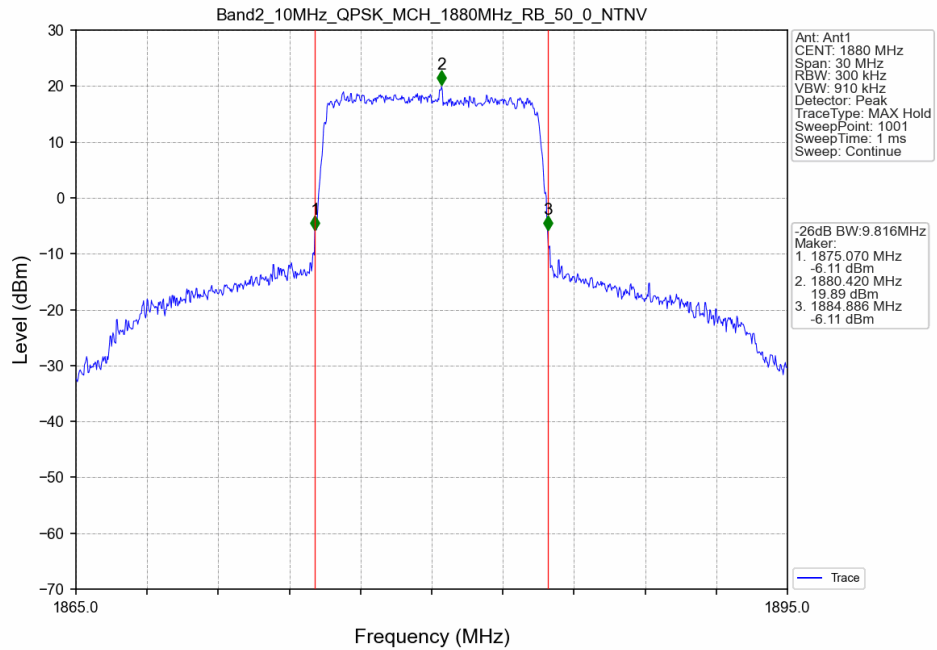
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTV



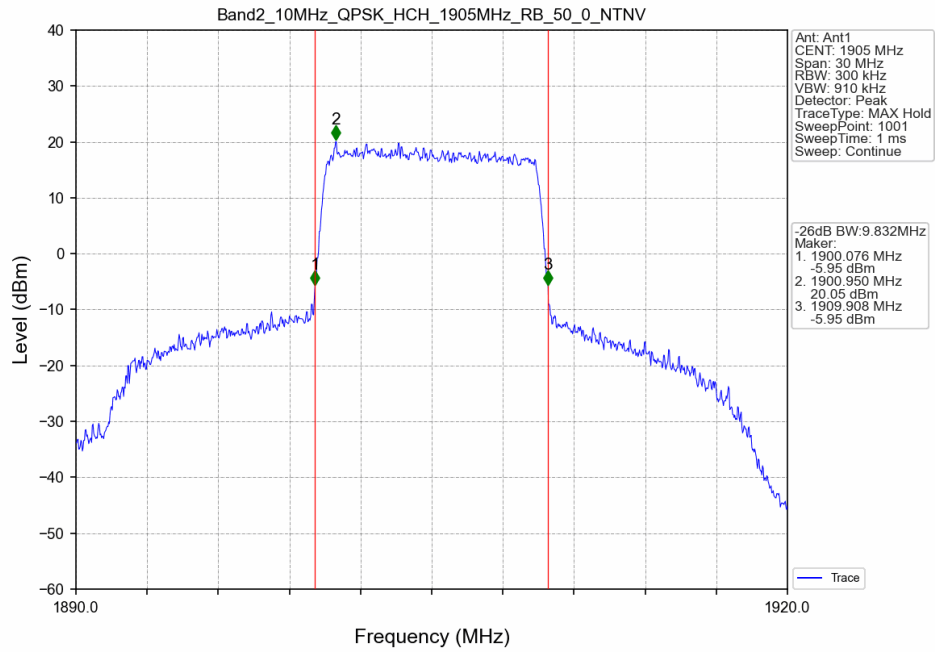
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



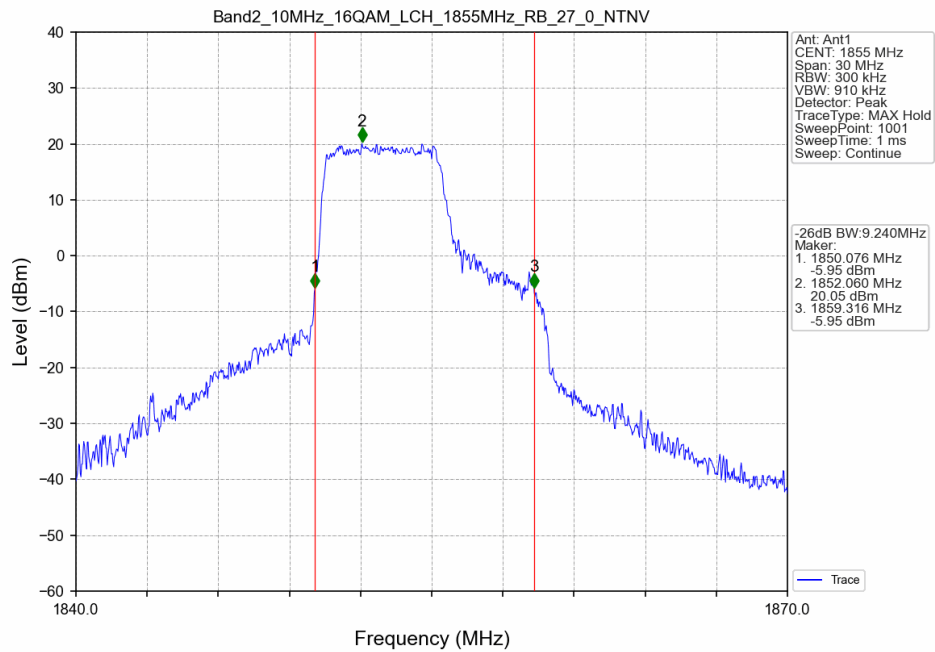
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



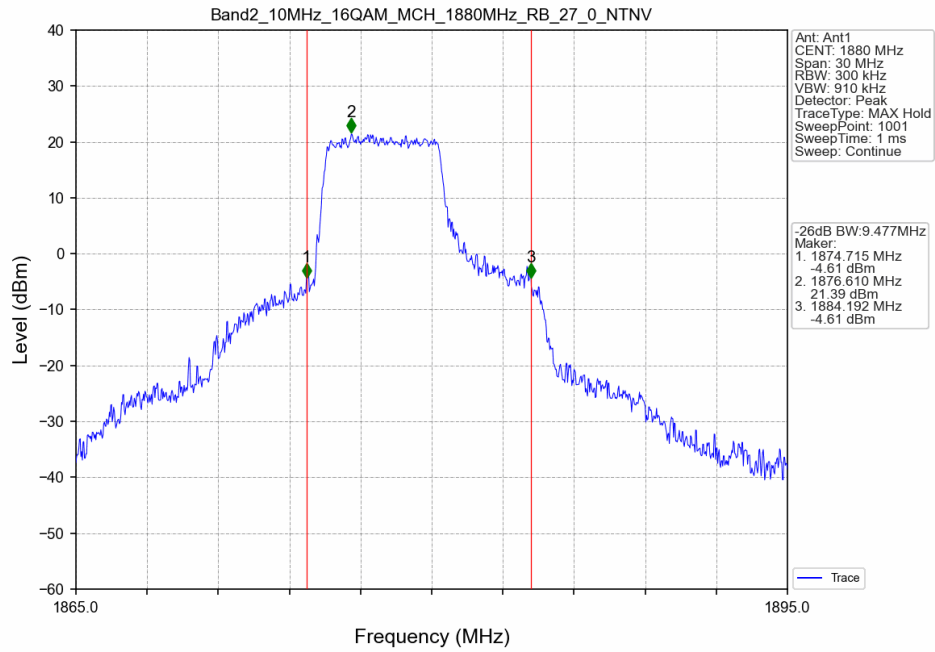
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



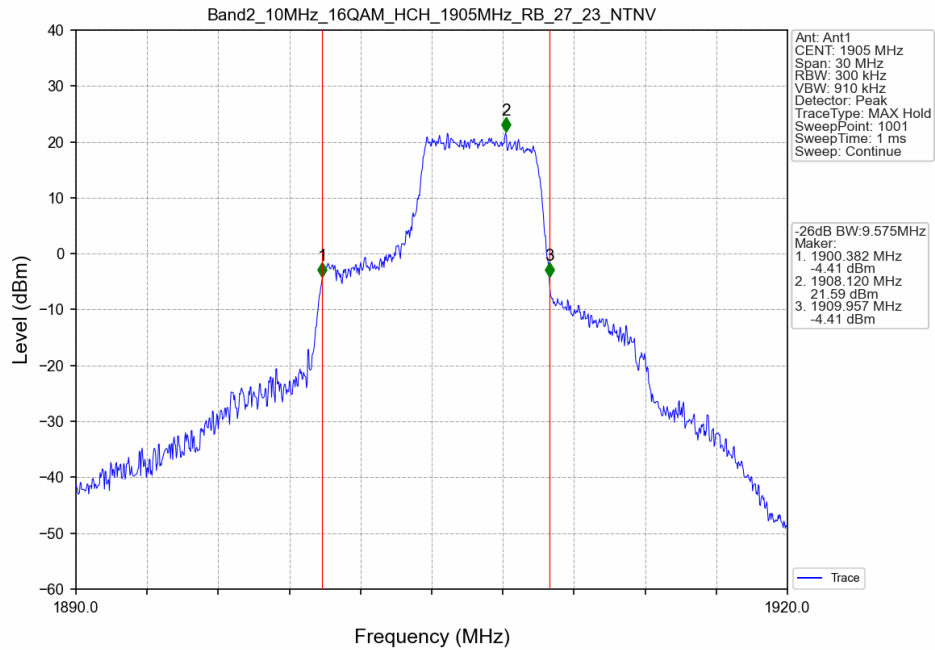
Band2 10MHz 16QAM LCH 1855MHz RB 27 0 NTN



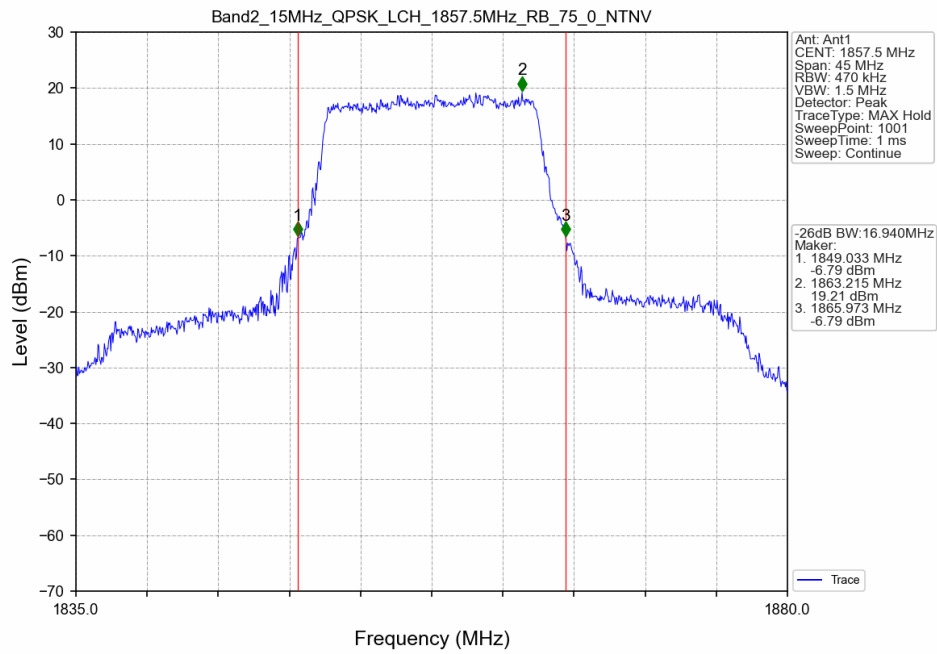
Band2 10MHz 16QAM MCH 1880MHz RB 27 0 NTNV



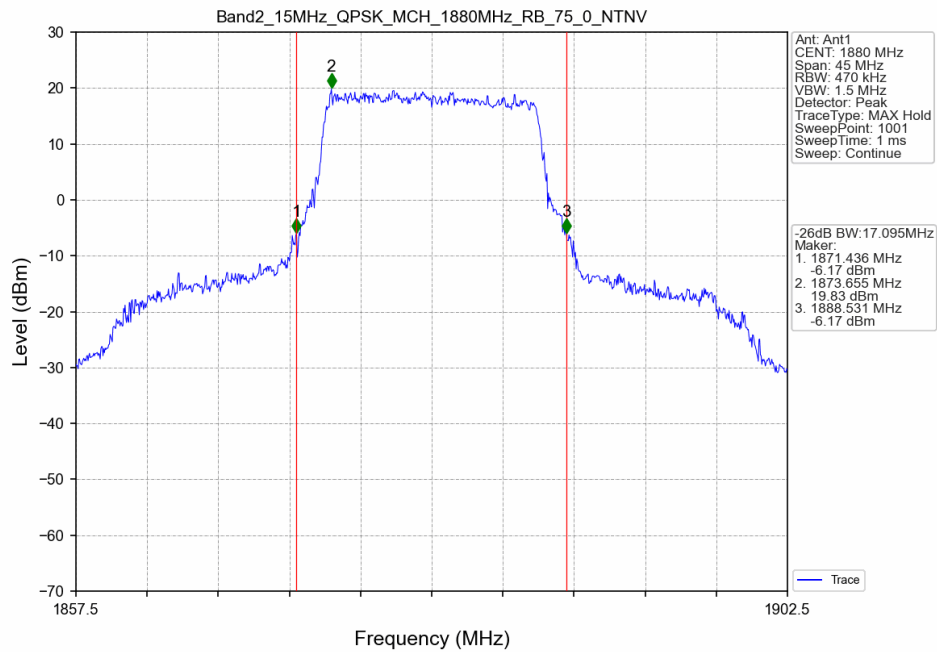
Band2 10MHz 16QAM HCH 1905MHz RB 27 23 NTNV



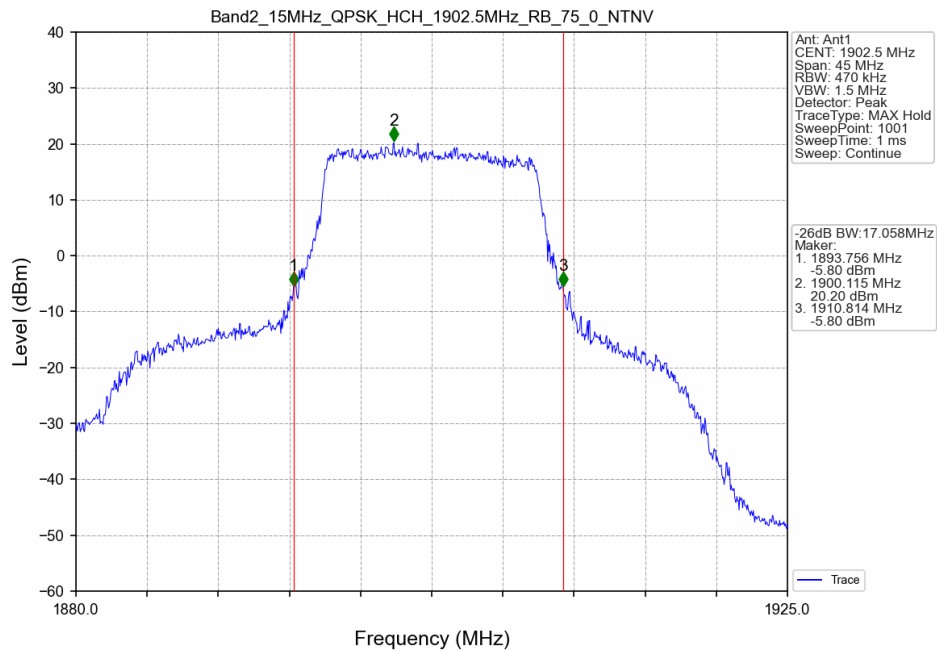
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



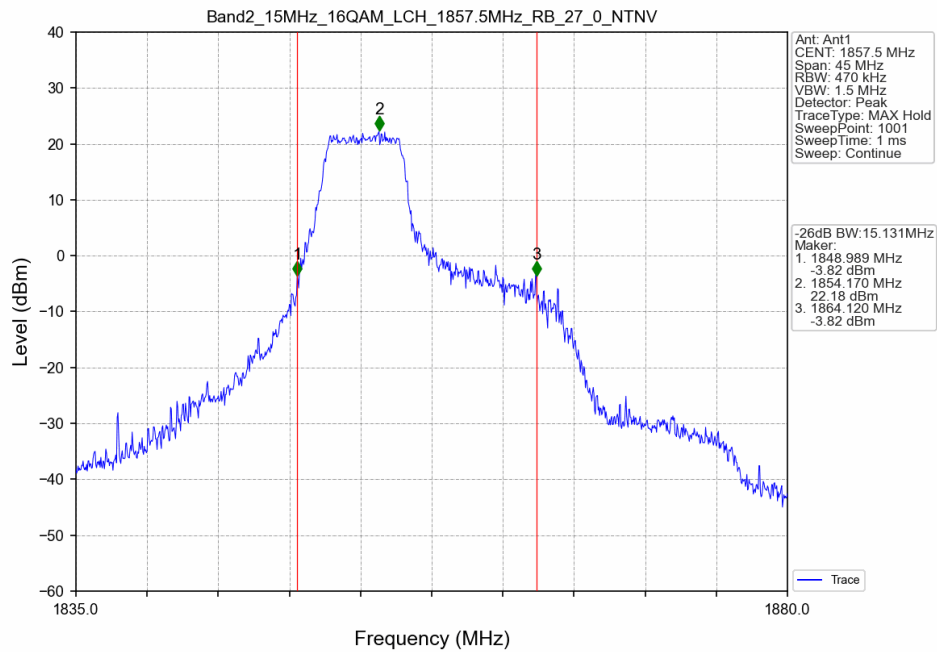
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



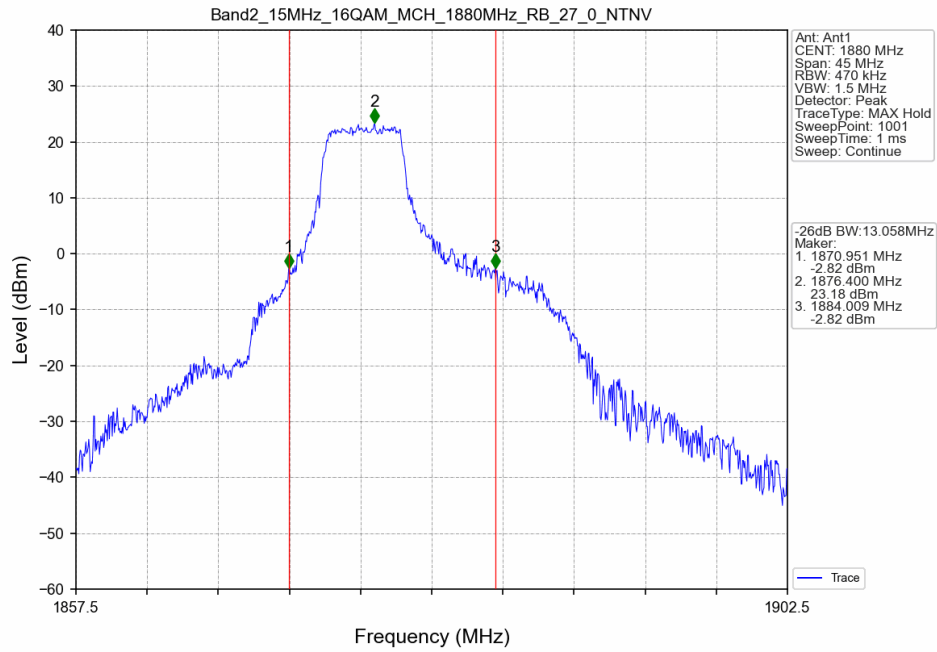
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTV



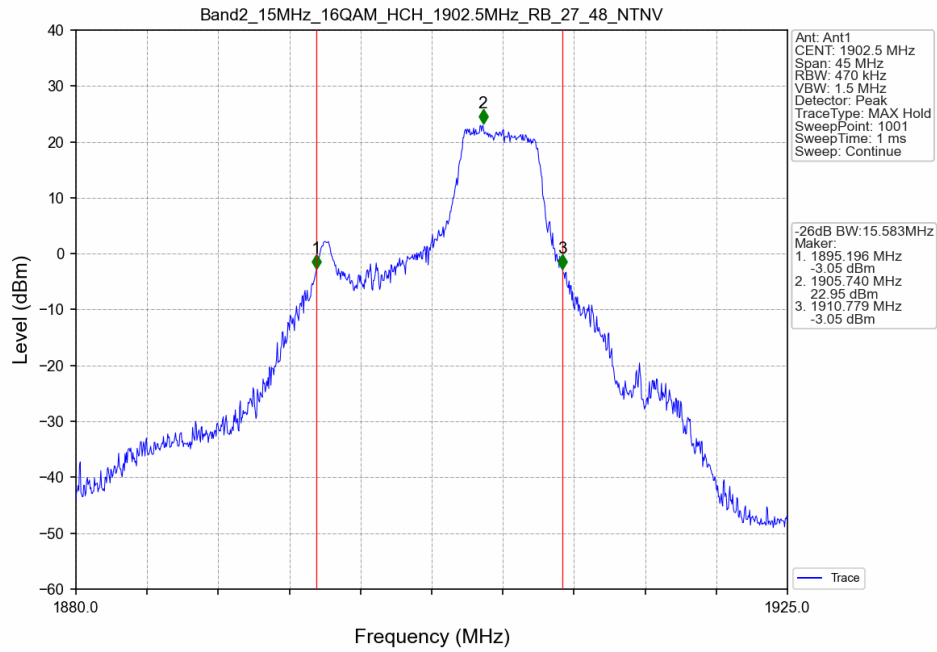
Band2 15MHz 16QAM LCH 1857.5MHz RB 27 0 NTV



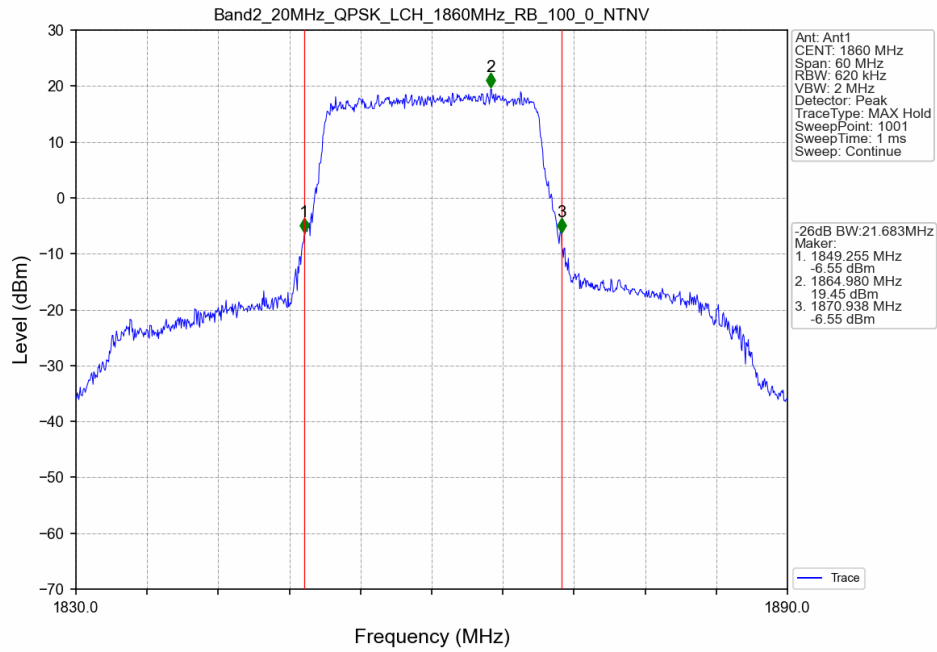
Band2 15MHz 16QAM MCH 1880MHz RB 27 0 NTNV



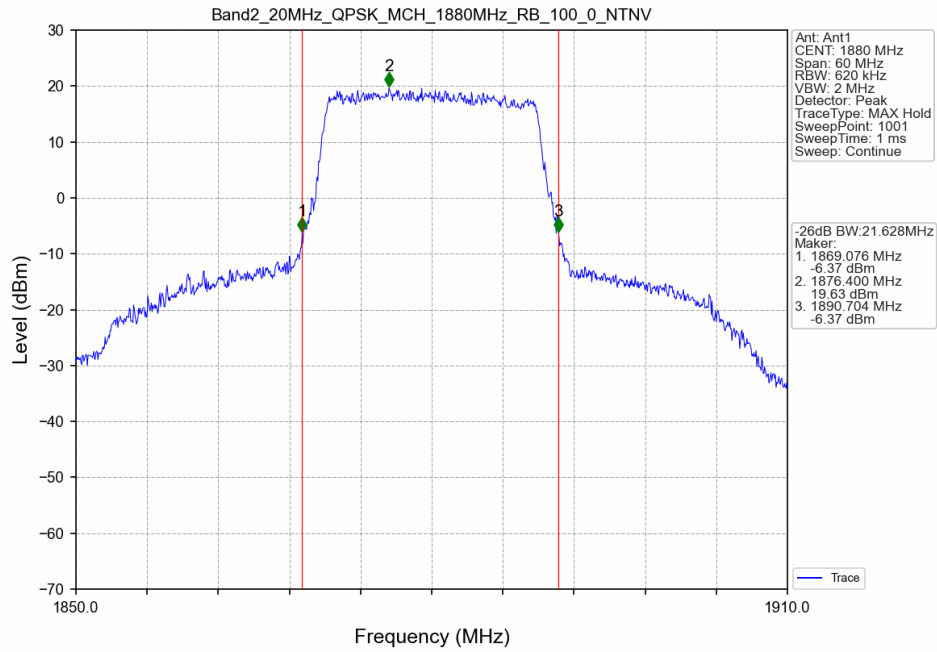
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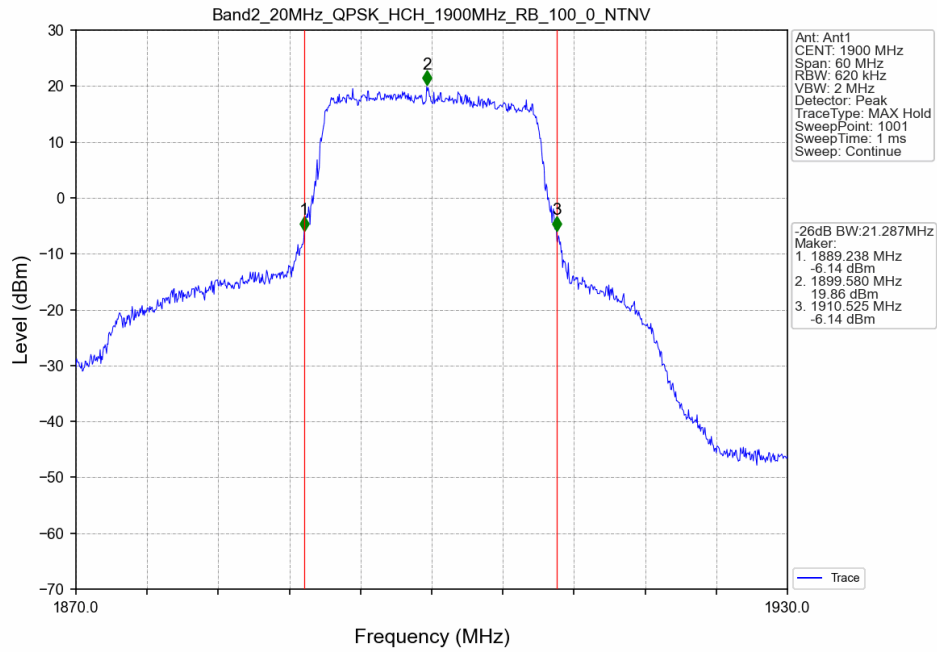
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



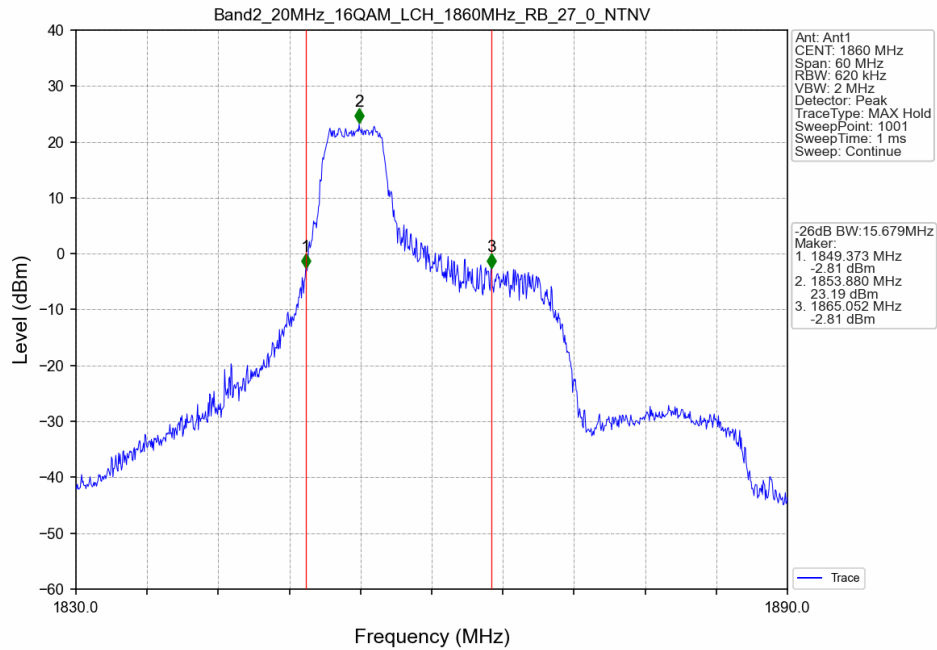
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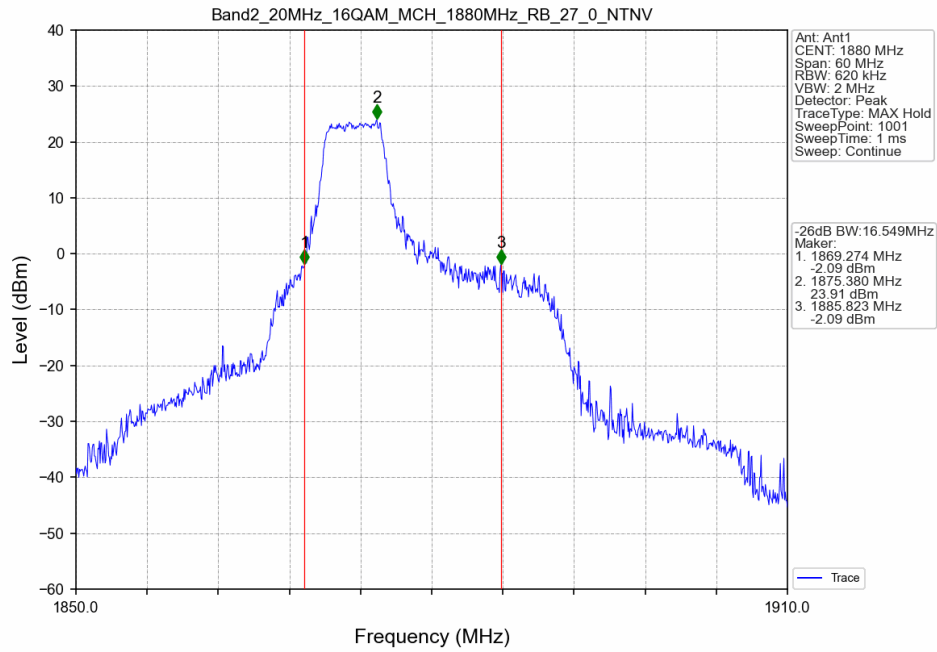
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTV



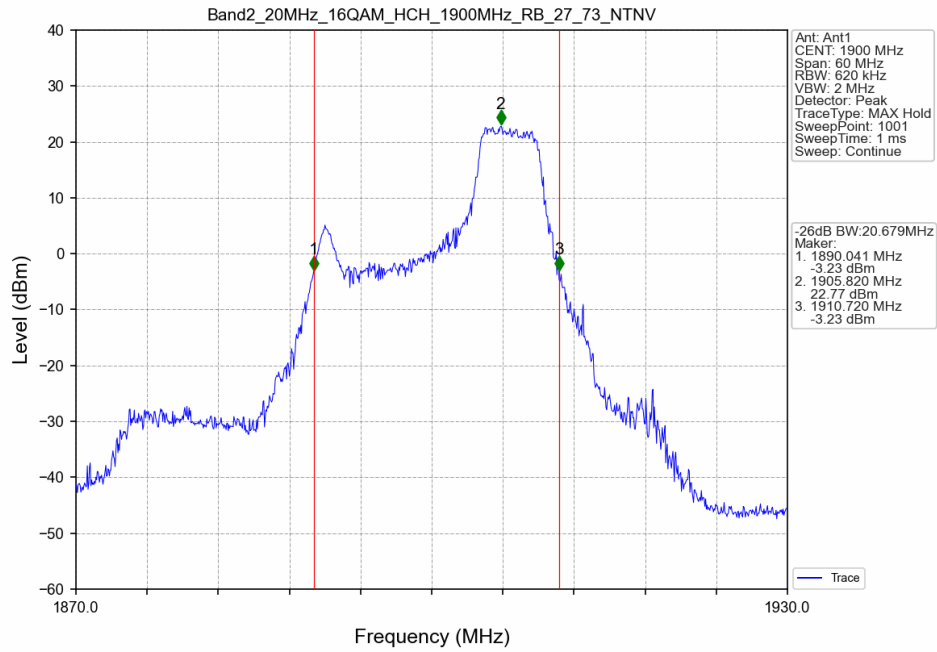
Band2 20MHz 16QAM LCH 1860MHz RB 27 0 NTV



Band2 20MHz 16QAM MCH 1880MHz RB 27 0 NTV



Band2 20MHz 16QAM HCH 1900MHz RB 27 73 NTV



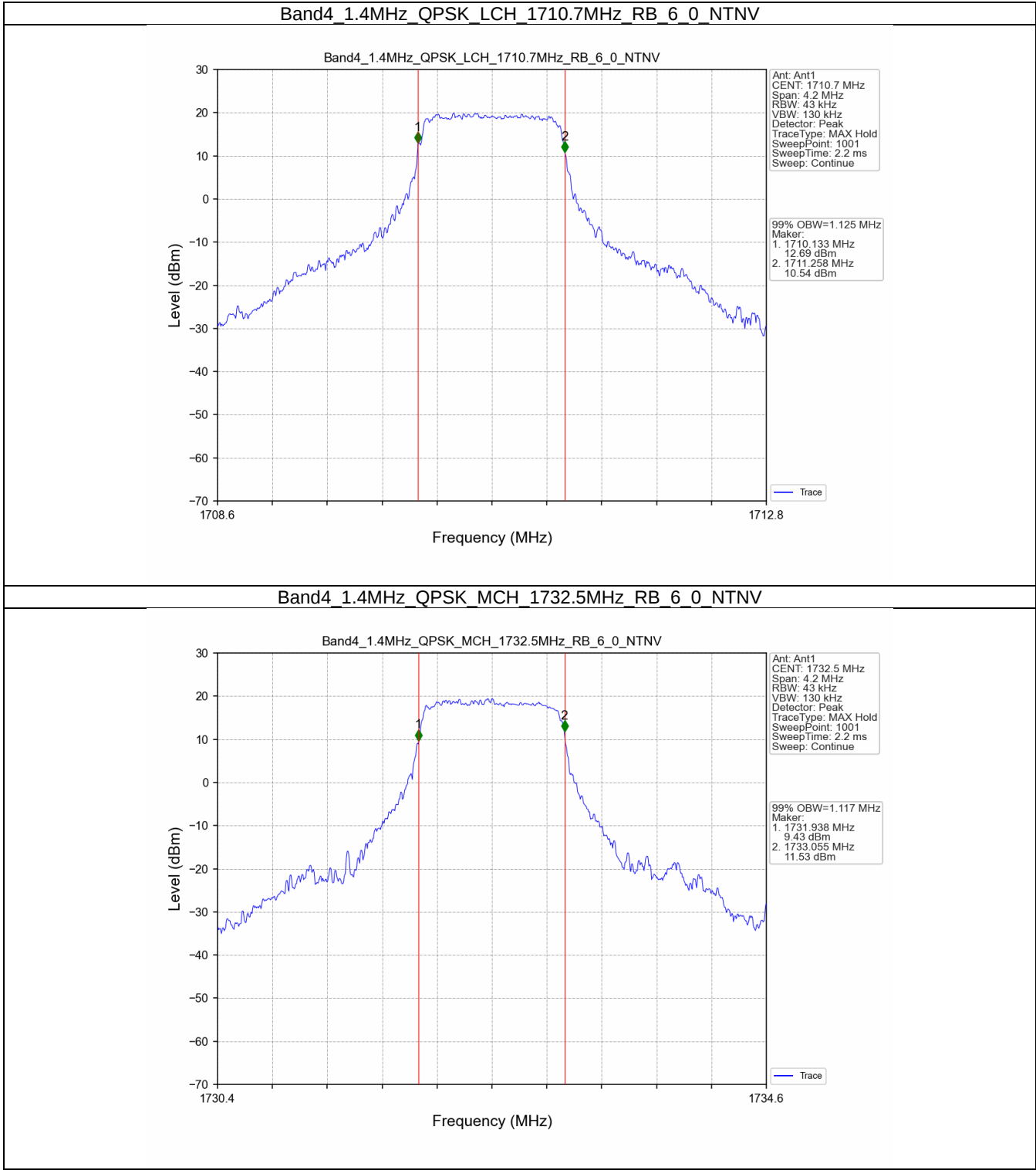
2. 99% & 26dB Bandwidth

2.1 Band4_OBW

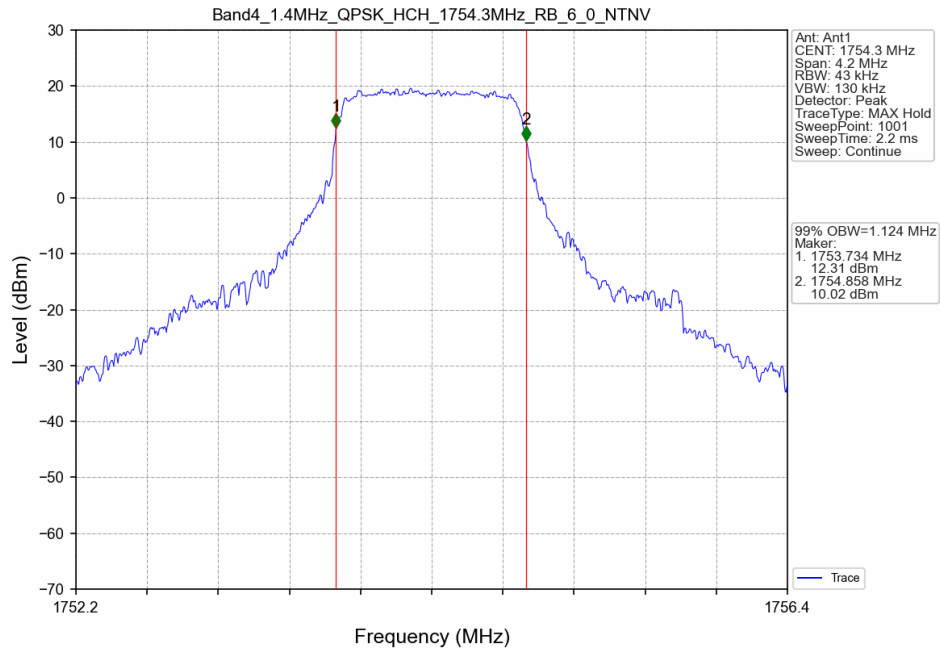
2.1.1 Test Result

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.125	/	Pass
		1732.5	6	0	1.117	/	Pass
		1754.3	6	0	1.124	/	Pass
	16QAM	1710.7	6	0	1.139	/	Pass
		1732.5	6	0	1.115	/	Pass
		1754.3	6	0	1.134	/	Pass
3	QPSK	1711.5	15	0	2.748	/	Pass
		1732.5	15	0	2.713	/	Pass
		1753.5	15	0	2.751	/	Pass
	16QAM	1711.5	15	0	2.748	/	Pass
		1732.5	15	0	2.736	/	Pass
		1753.5	15	0	2.743	/	Pass
5	QPSK	1712.5	25	0	4.529	/	Pass
		1732.5	25	0	4.509	/	Pass
		1752.5	25	0	4.529	/	Pass
	16QAM	1712.5	25	0	4.527	/	Pass
		1732.5	25	0	4.539	/	Pass
		1752.5	25	0	4.558	/	Pass
10	QPSK	1715	50	0	9.055	/	Pass
		1732.5	50	0	8.994	/	Pass
		1750	50	0	9.002	/	Pass
	16QAM	1715	27	0	5.651	/	Pass
		1732.5	27	0	5.541	/	Pass
		1750	27	23	5.869	/	Pass
15	QPSK	1717.5	75	0	13.770	/	Pass
		1732.5	75	0	13.674	/	Pass
		1747.5	75	0	13.667	/	Pass
	16QAM	1717.5	27	0	7.078	/	Pass
		1732.5	27	0	7.411	/	Pass
		1747.5	27	48	8.435	/	Pass
20	QPSK	1720	100	0	18.235	/	Pass
		1732.5	100	0	18.193	/	Pass
		1745	100	0	18.205	/	Pass
	16QAM	1720	27	0	9.296	/	Pass
		1732.5	27	0	9.676	/	Pass
		1745	27	73	15.565	/	Pass

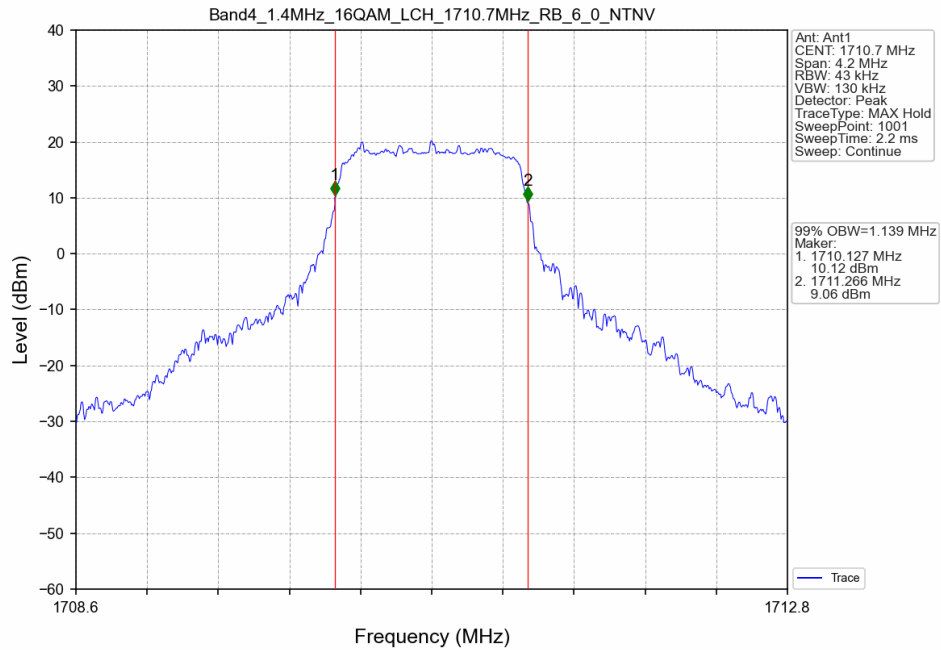
2.1.2 Test Graph



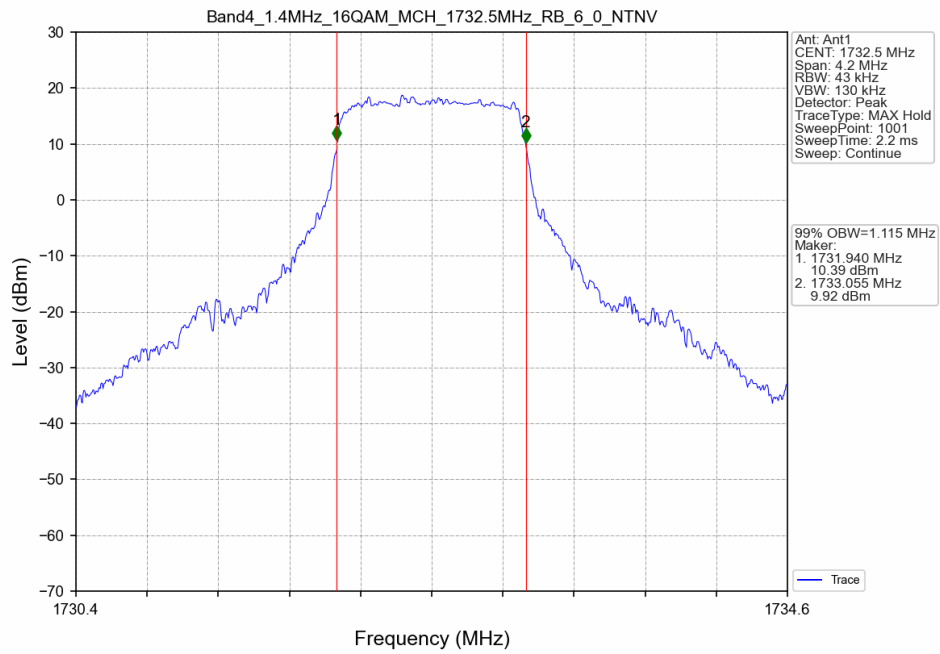
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



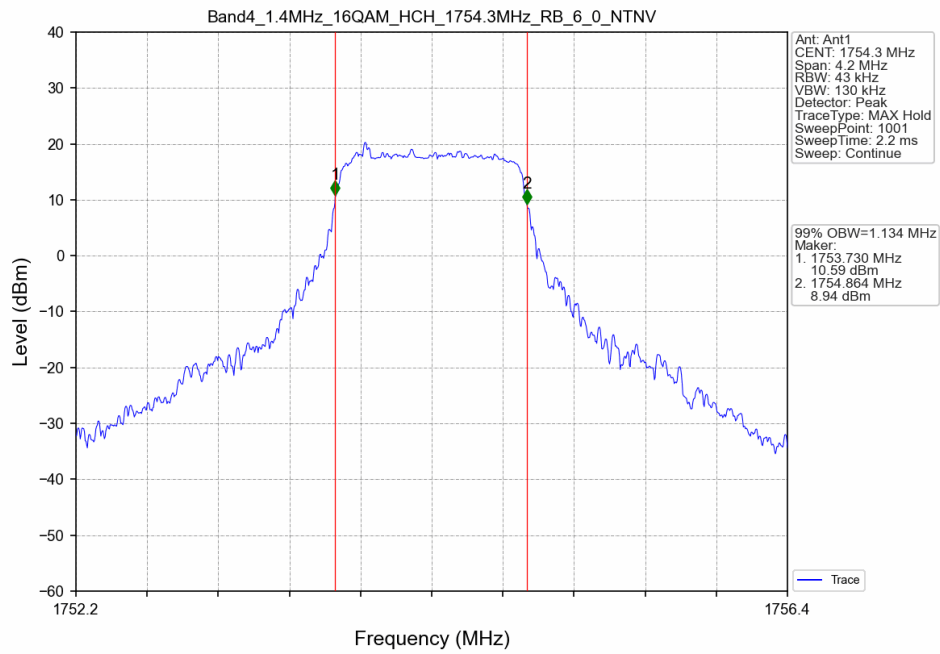
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



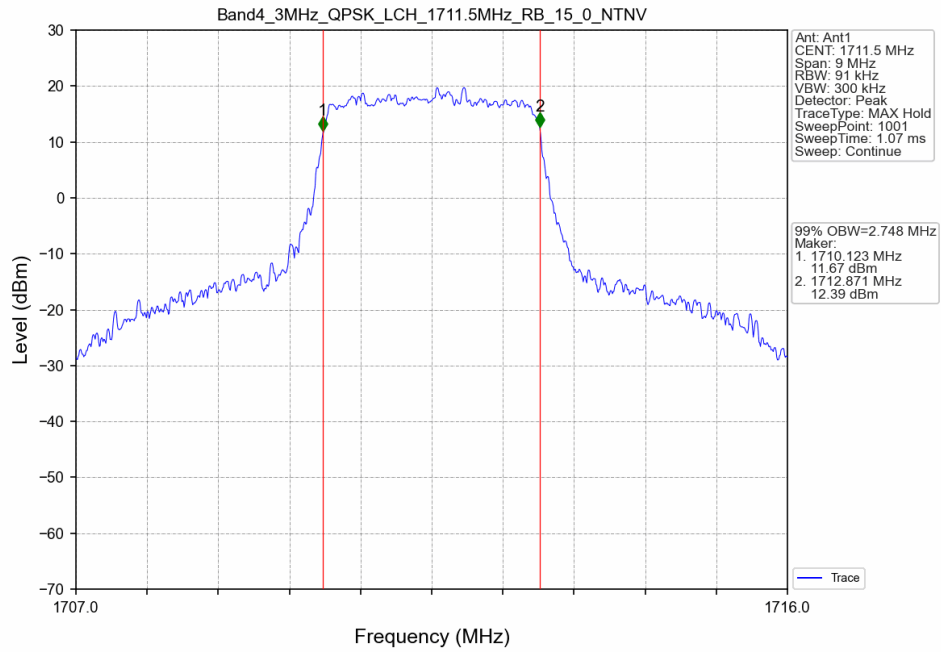
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTV



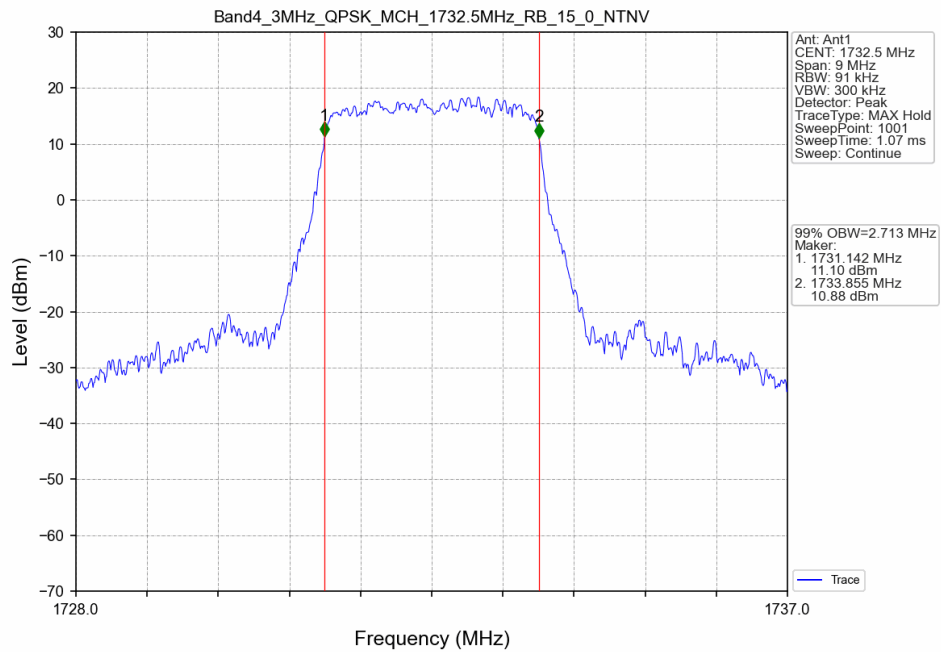
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTV



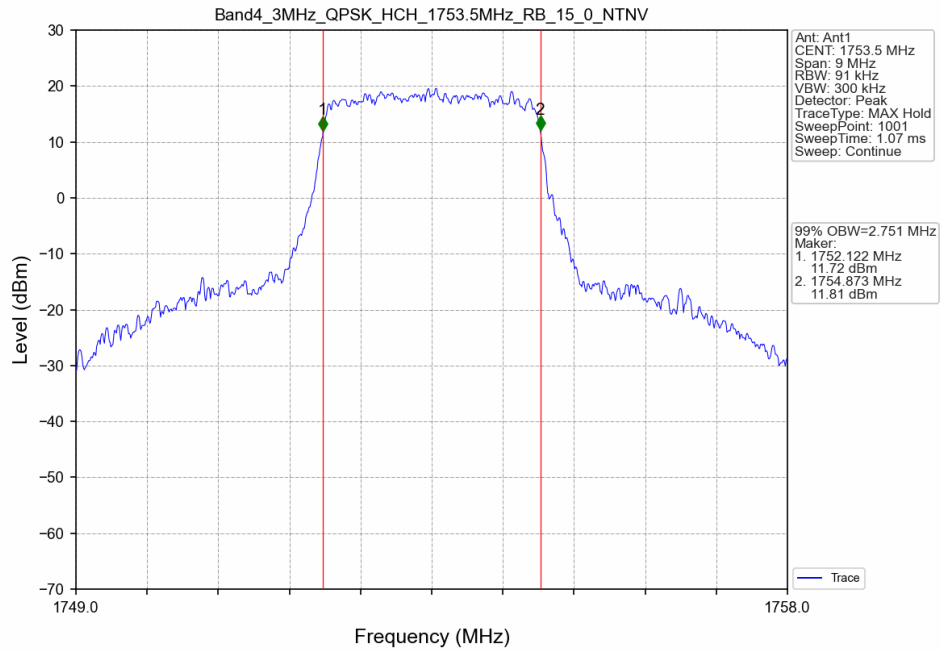
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



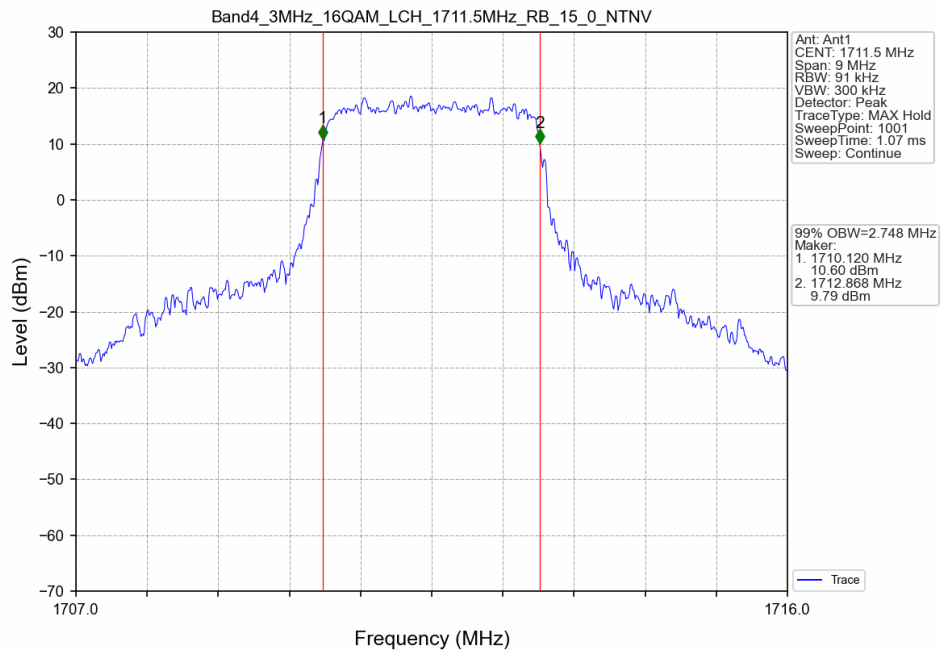
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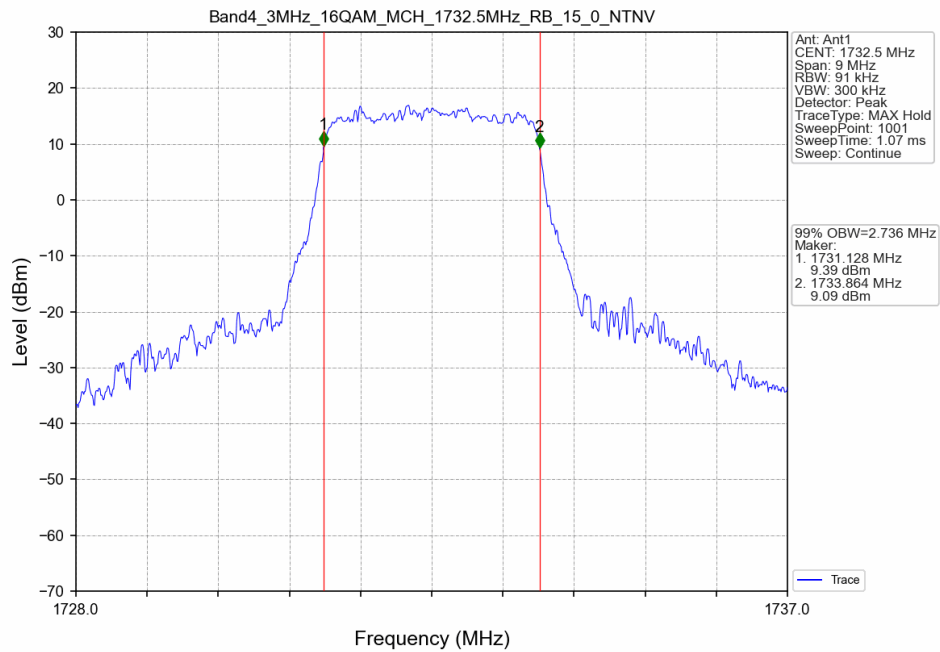
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



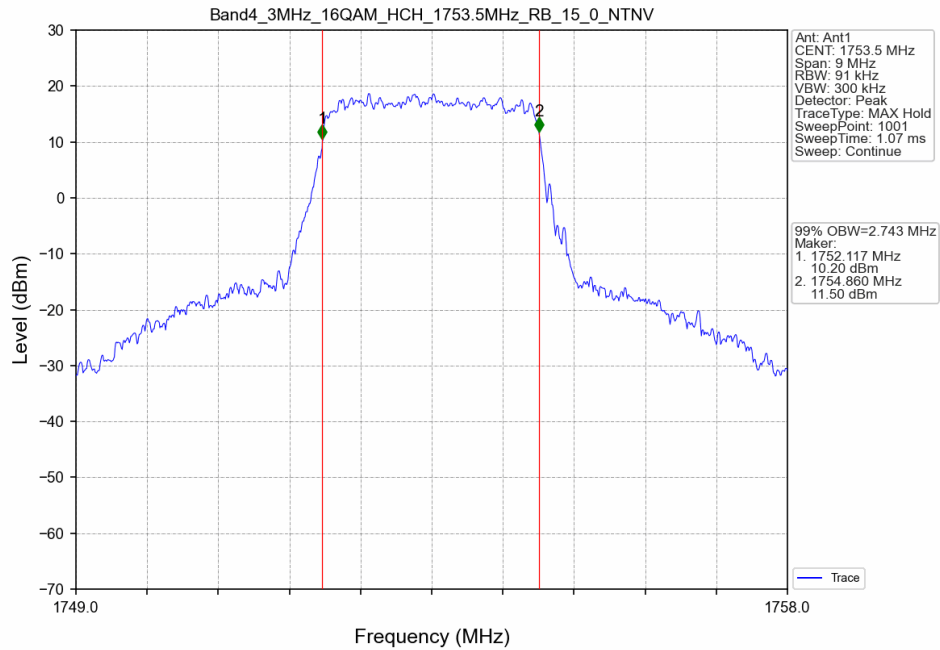
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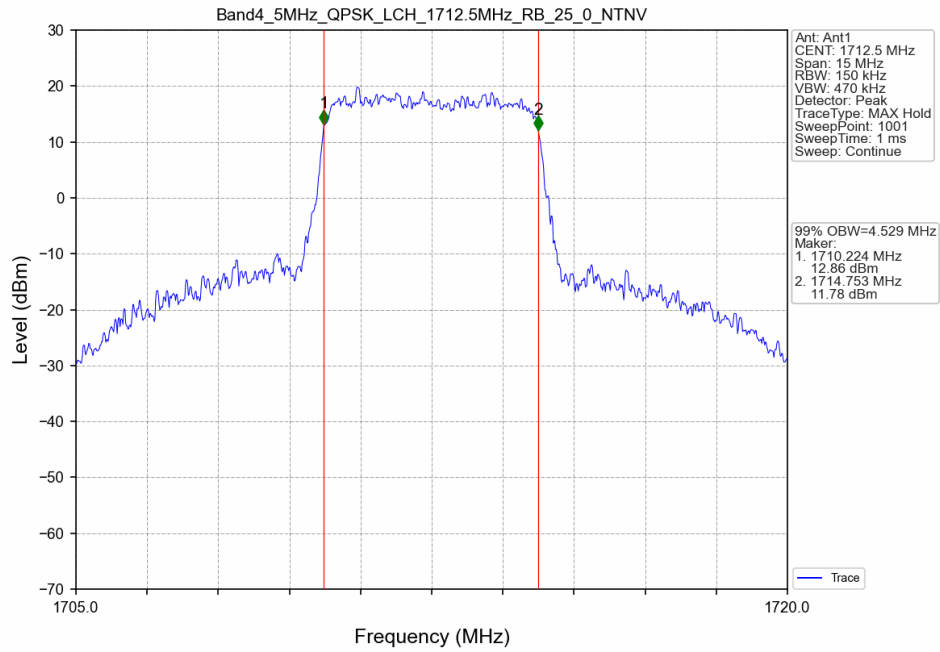
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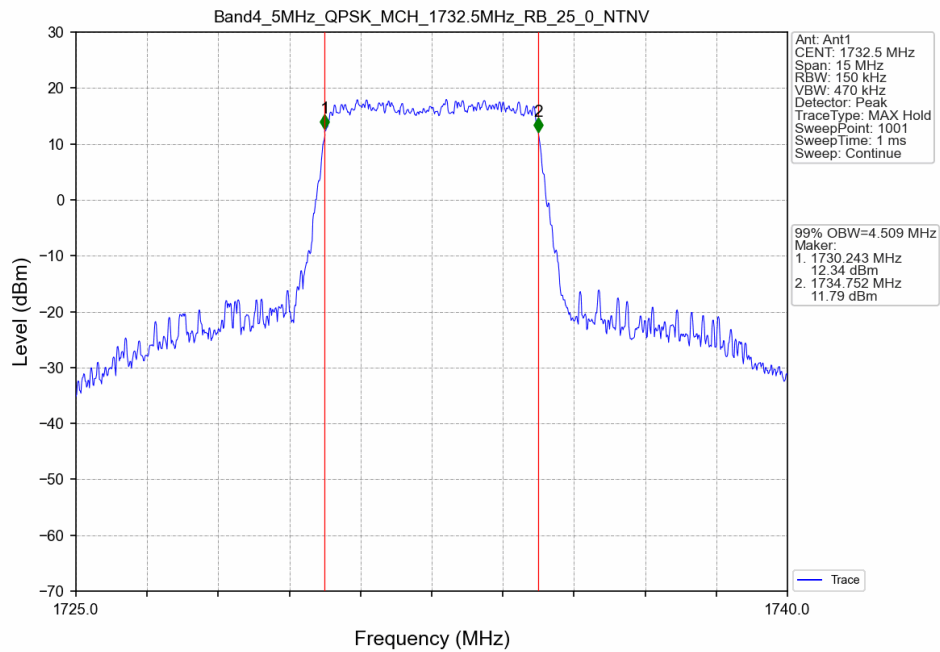
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTV



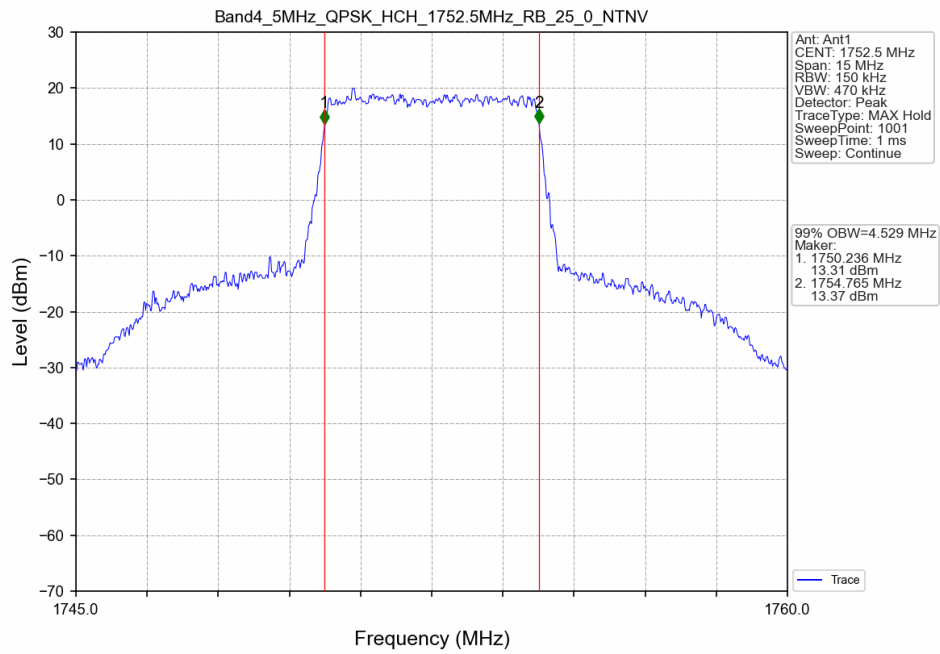
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



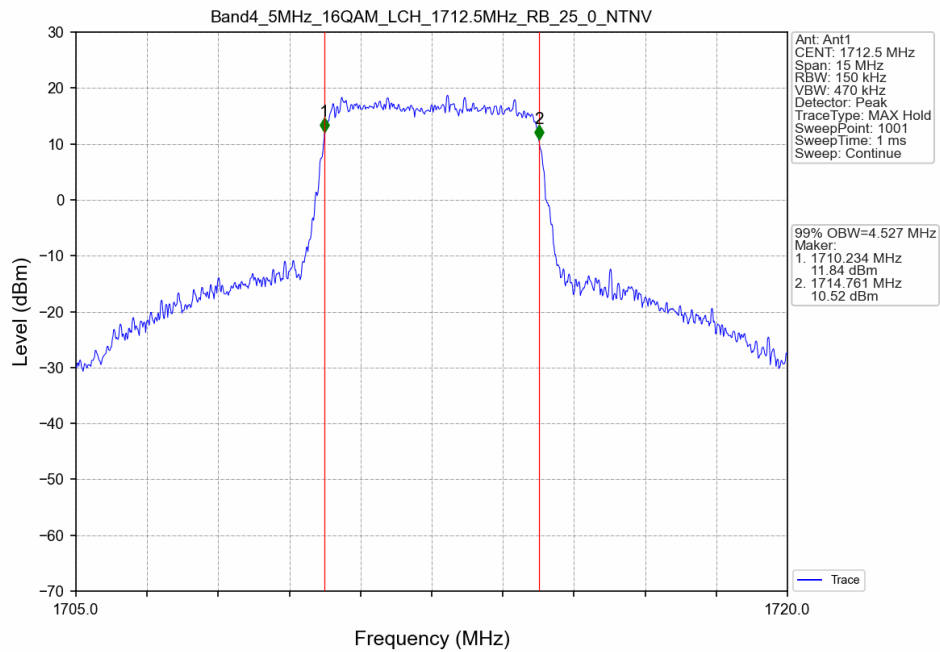
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTN



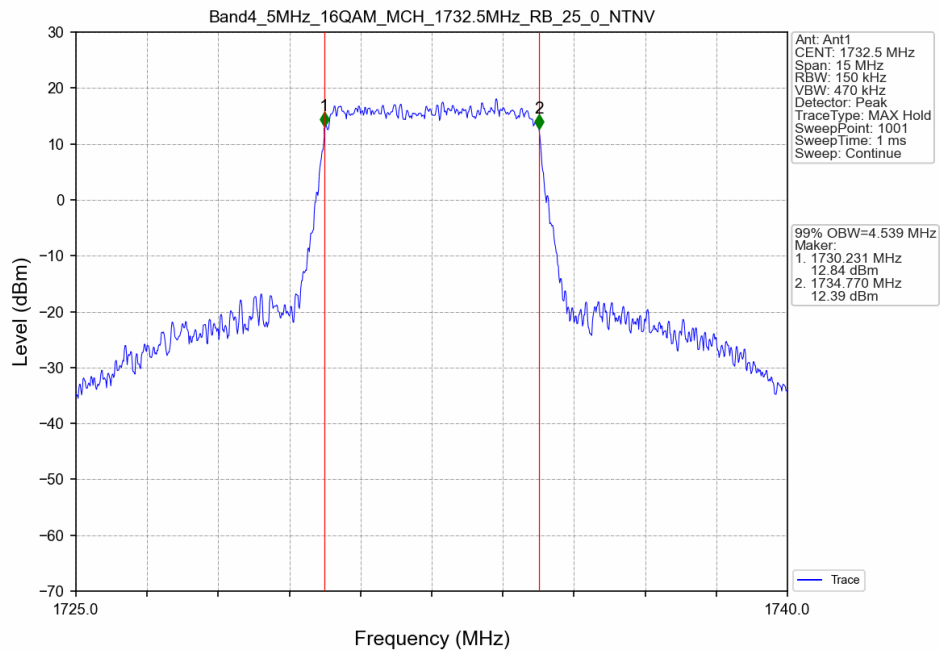
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



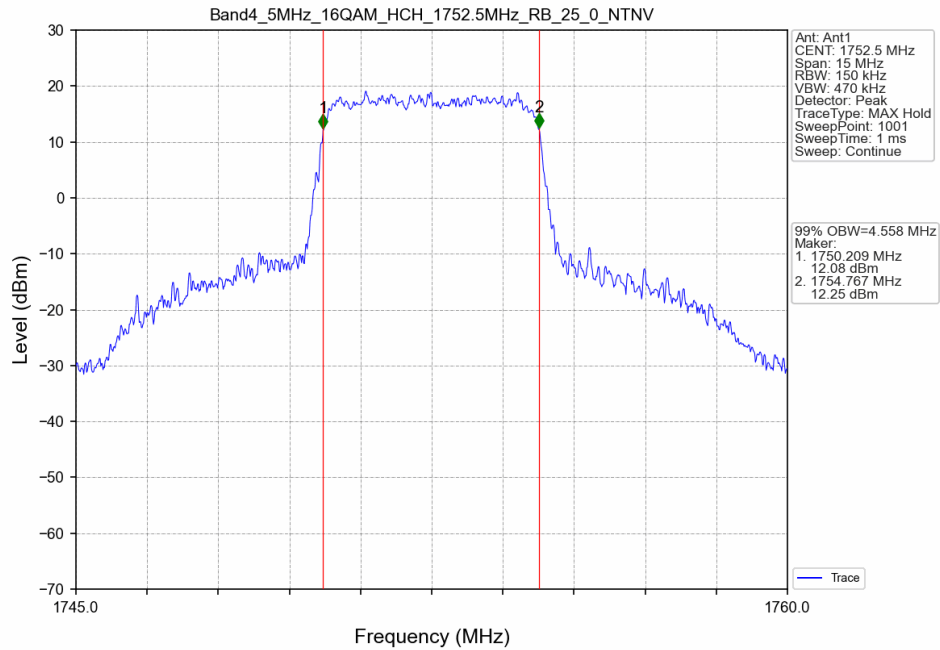
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



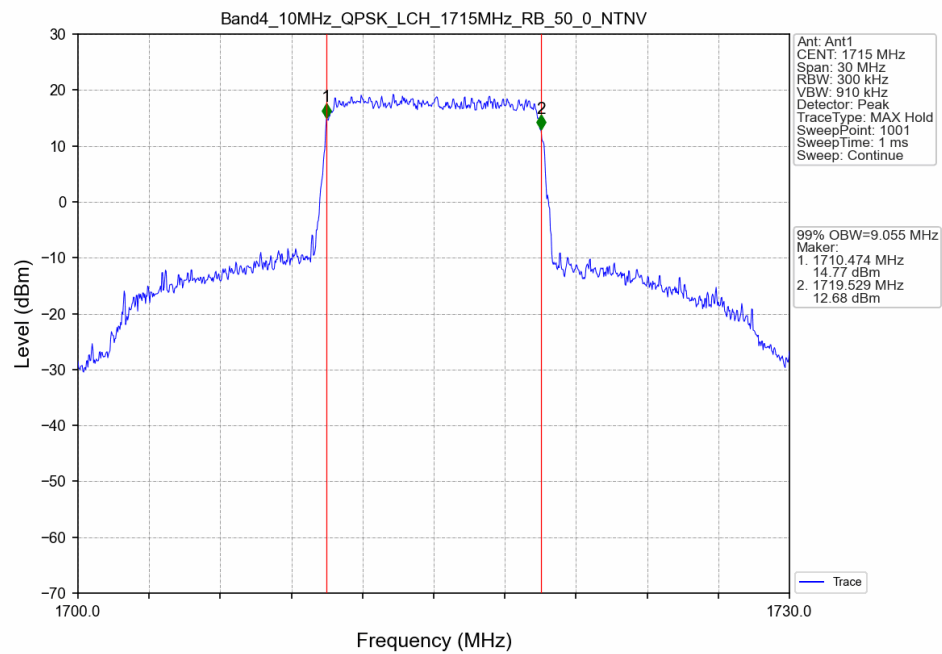
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



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



Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV

