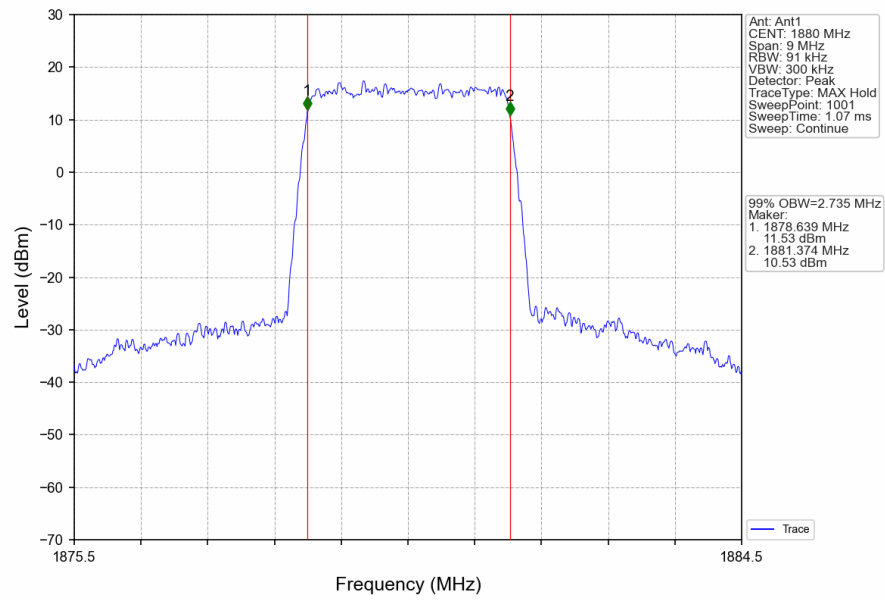
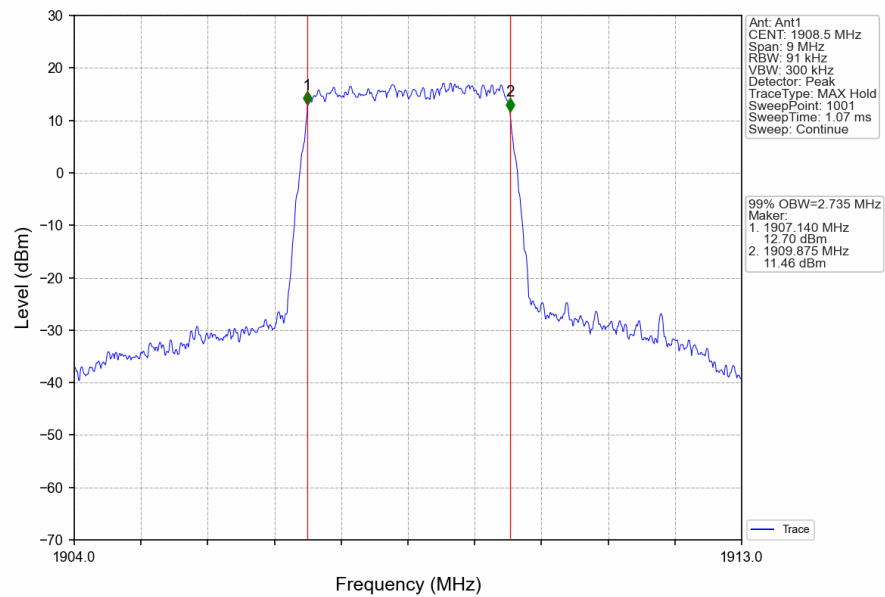


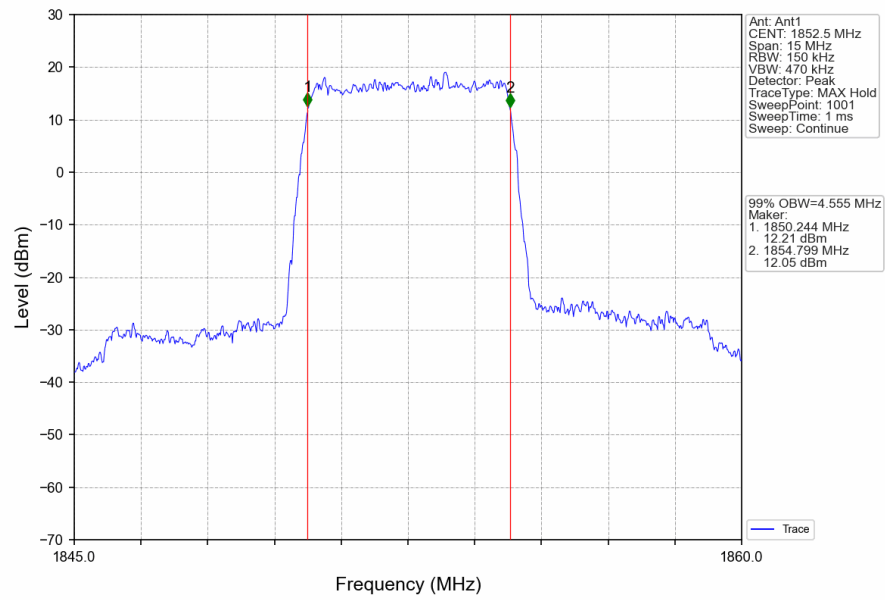
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



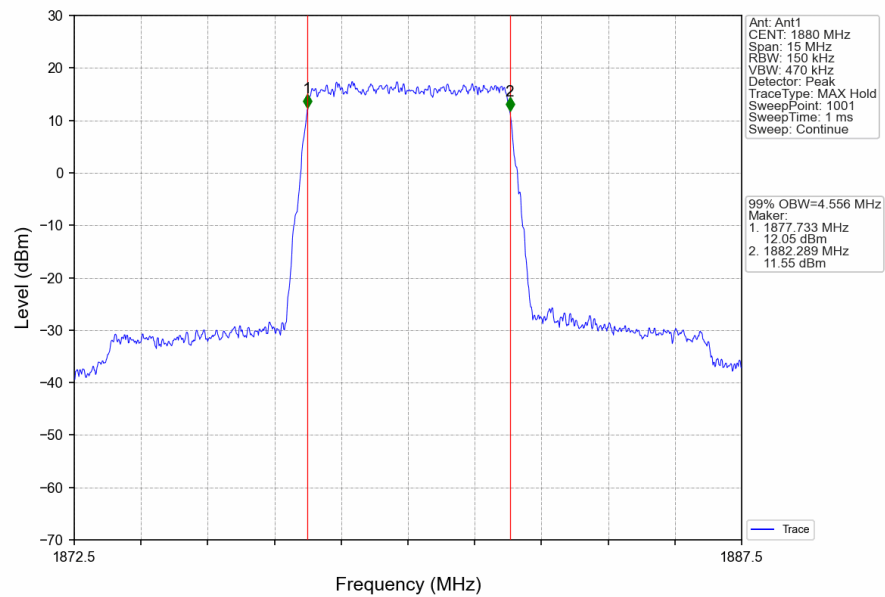
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



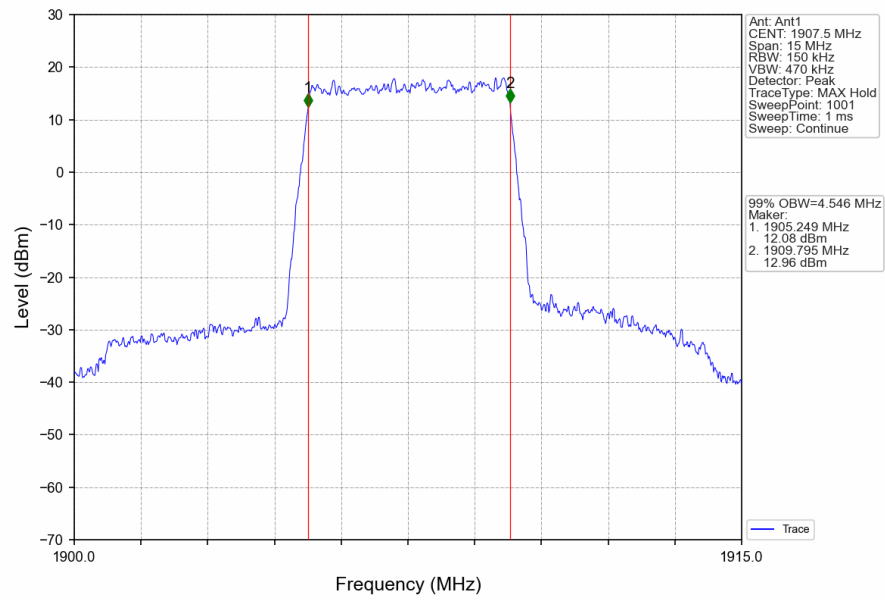
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



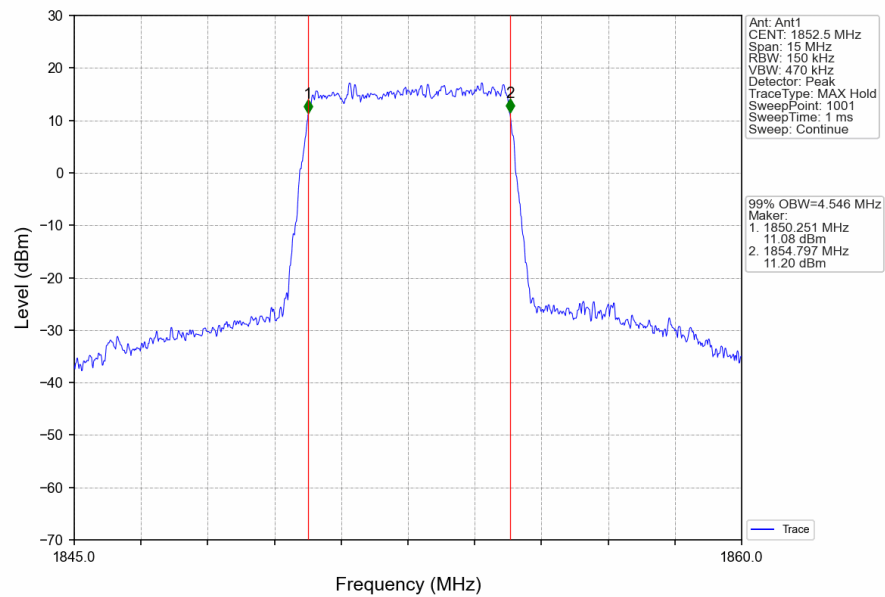
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



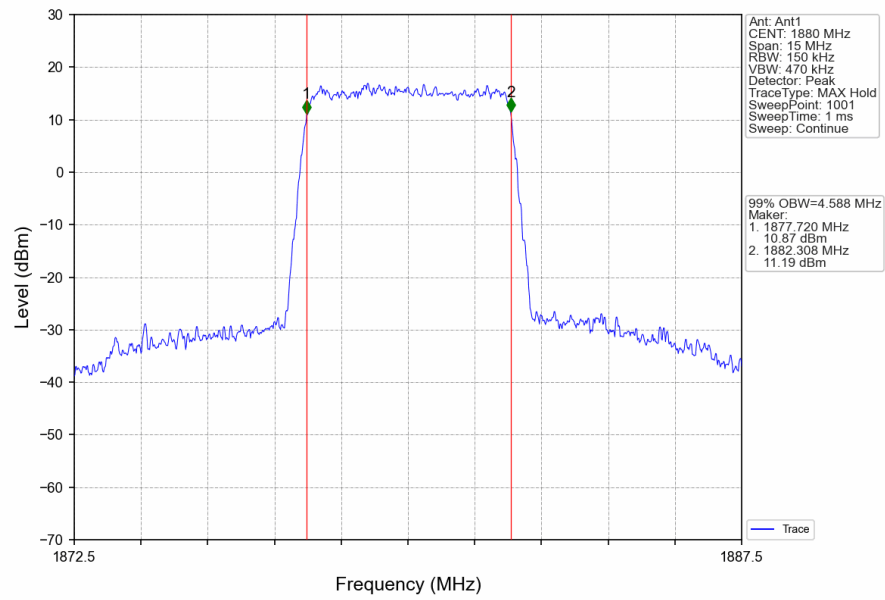
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



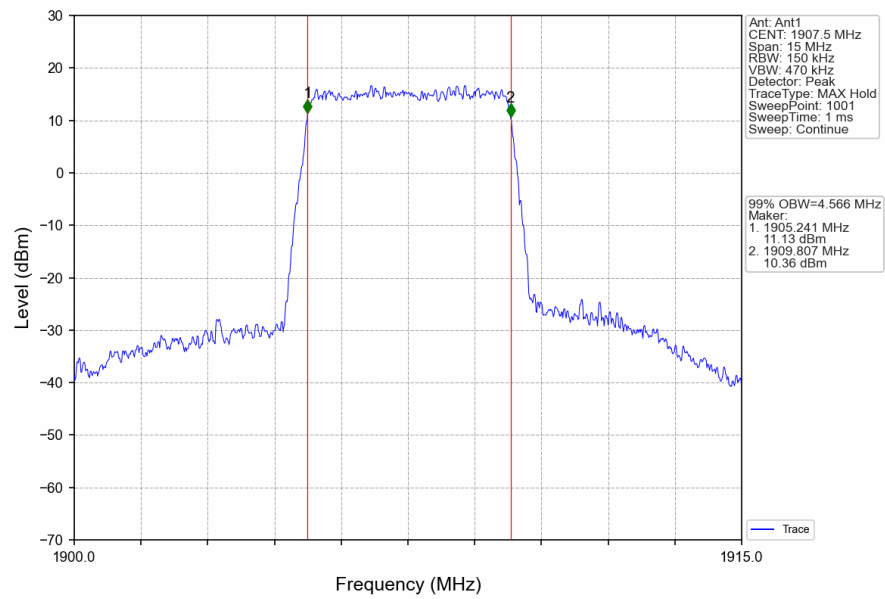
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



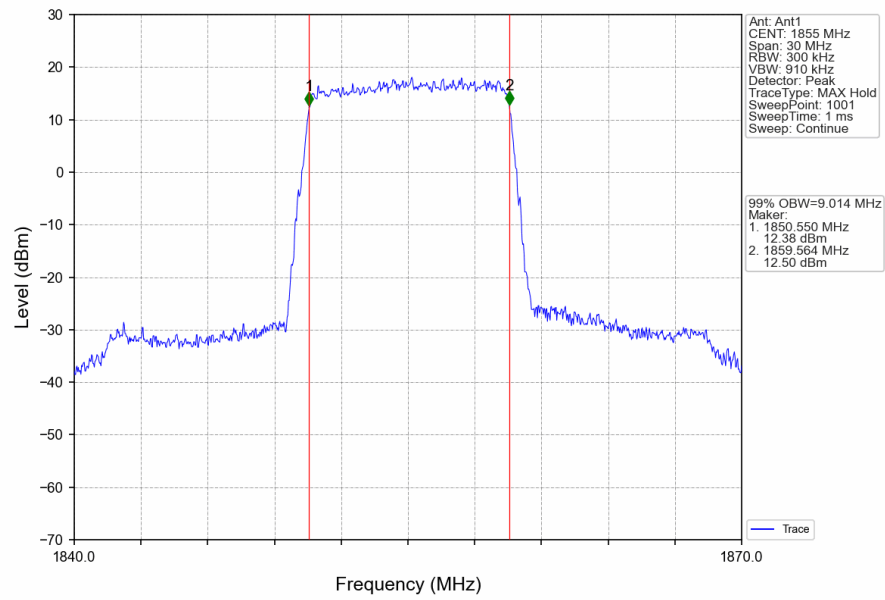
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



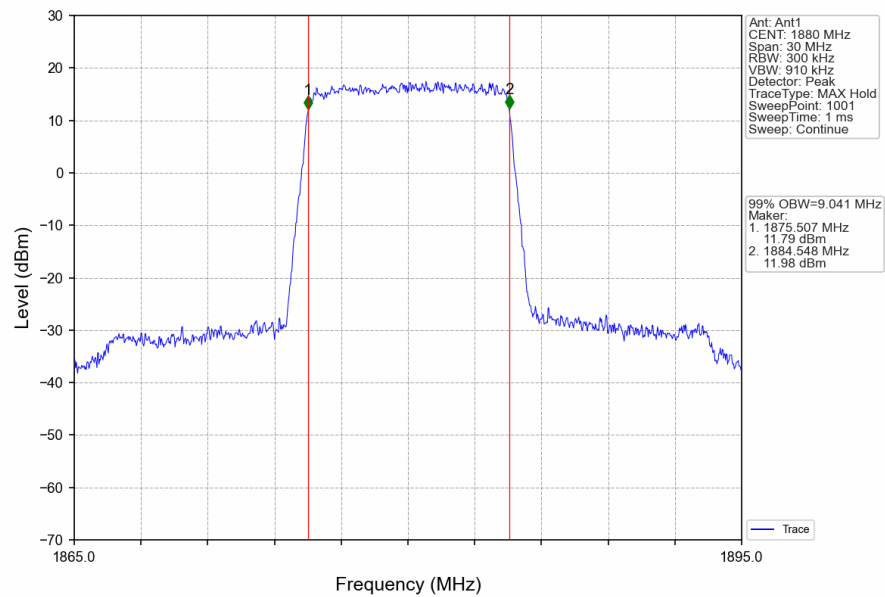
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



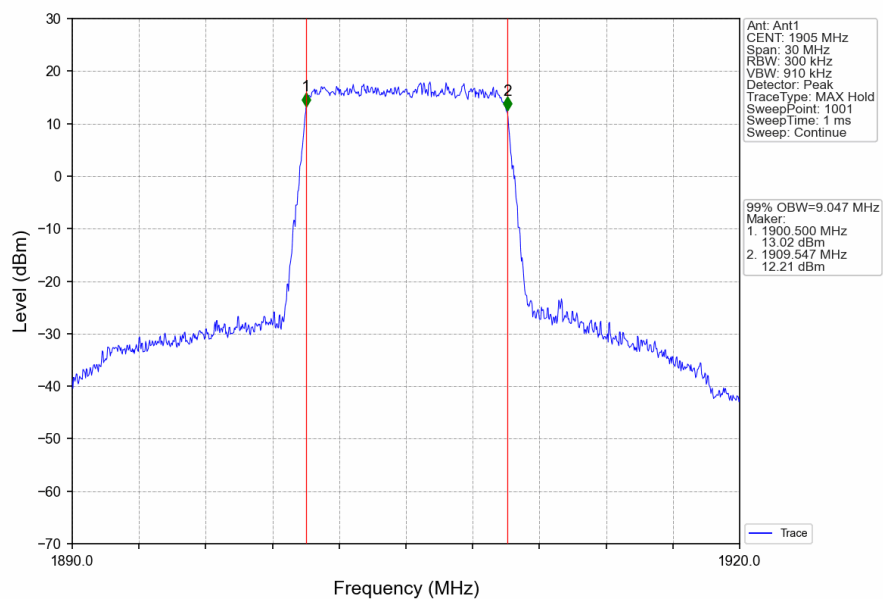
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



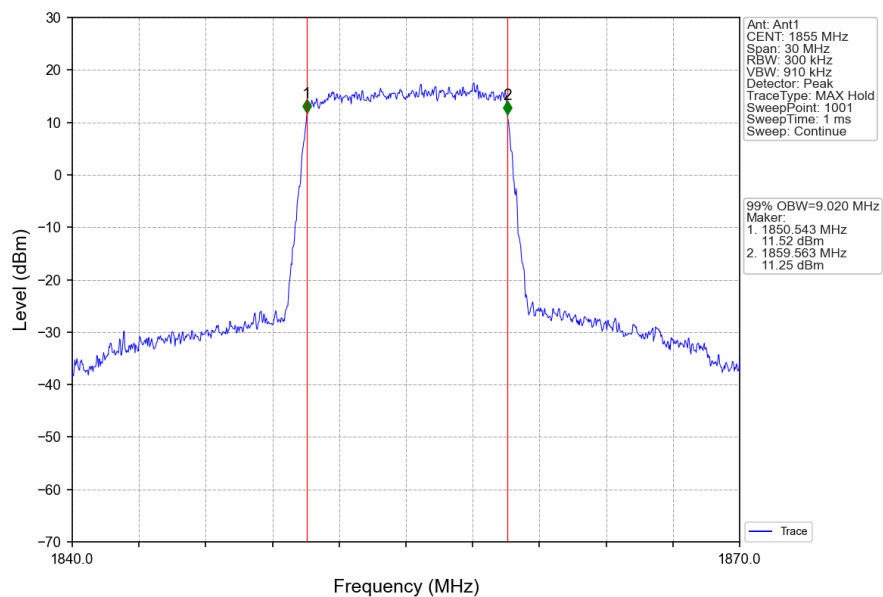
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



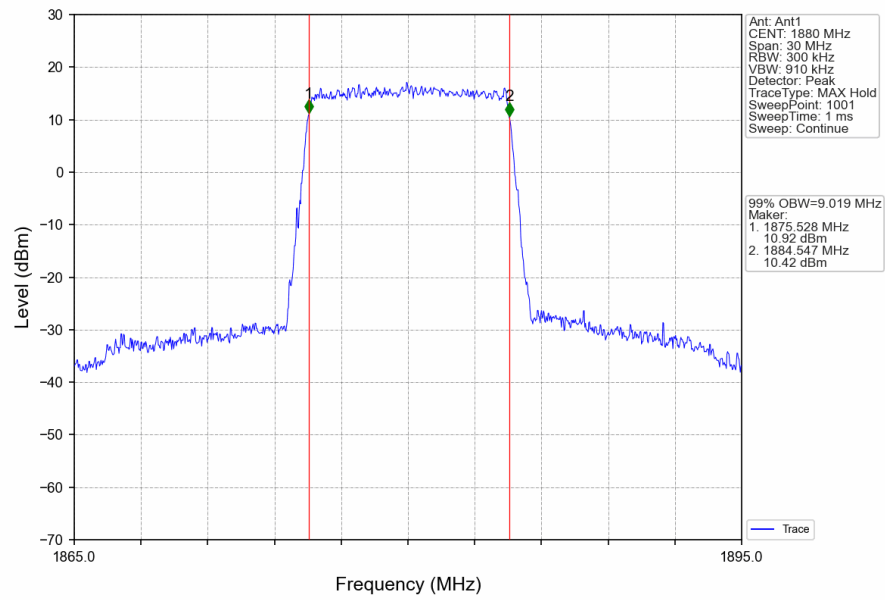
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



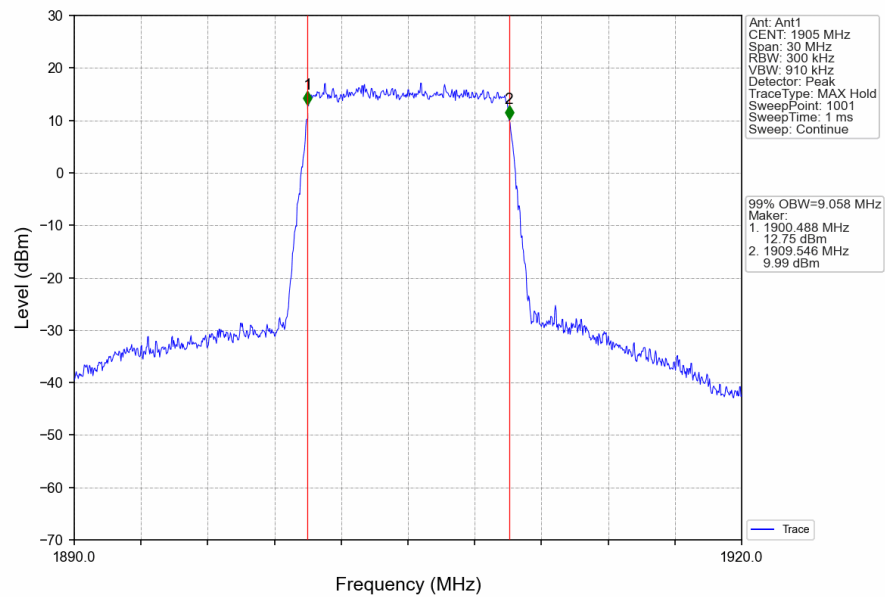
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



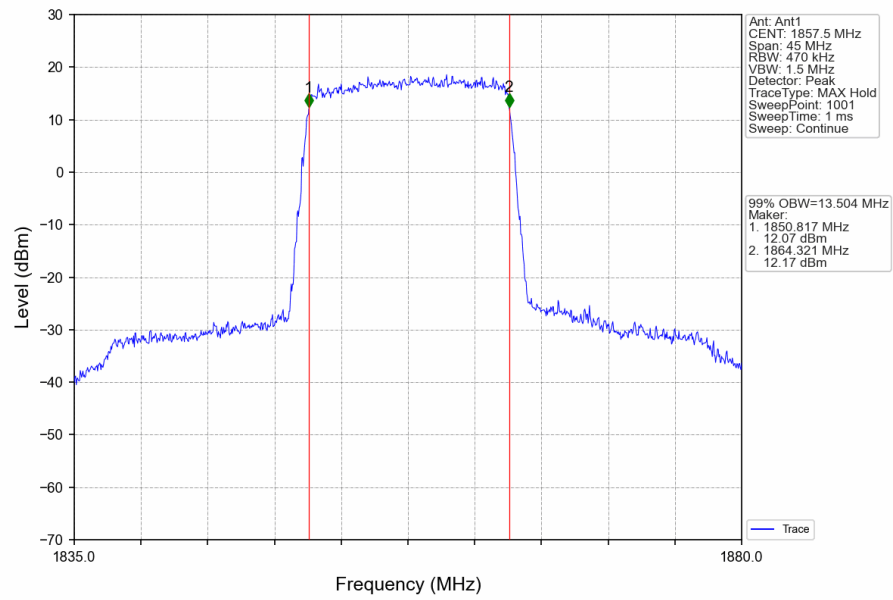
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



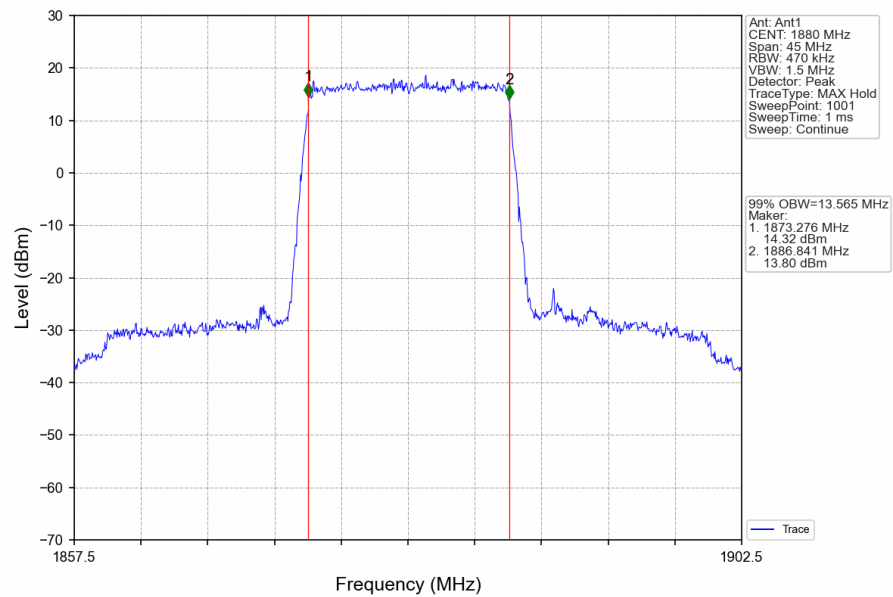
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



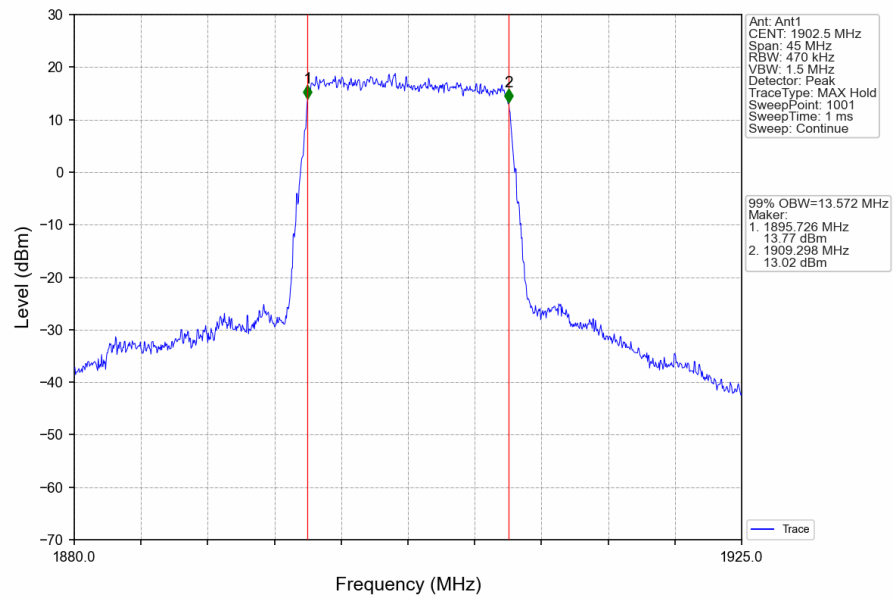
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



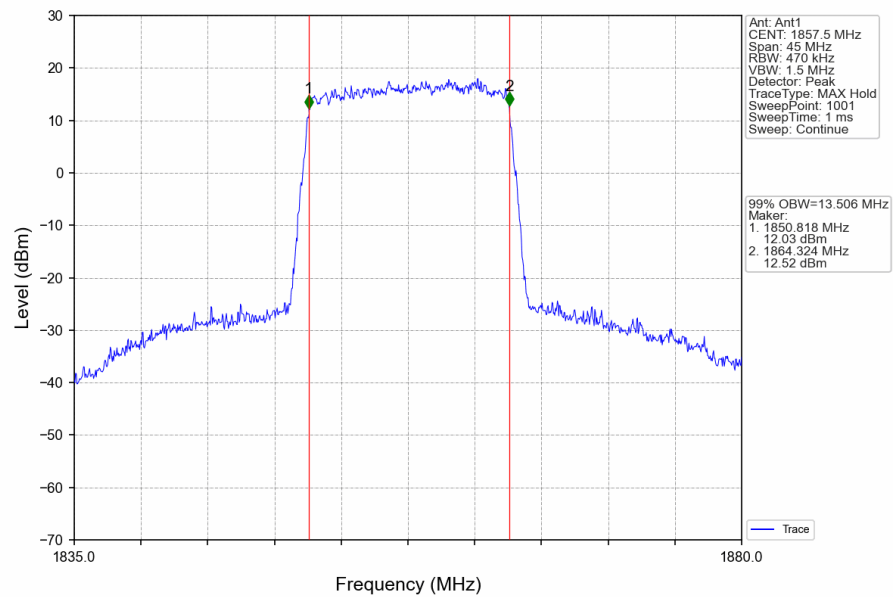
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



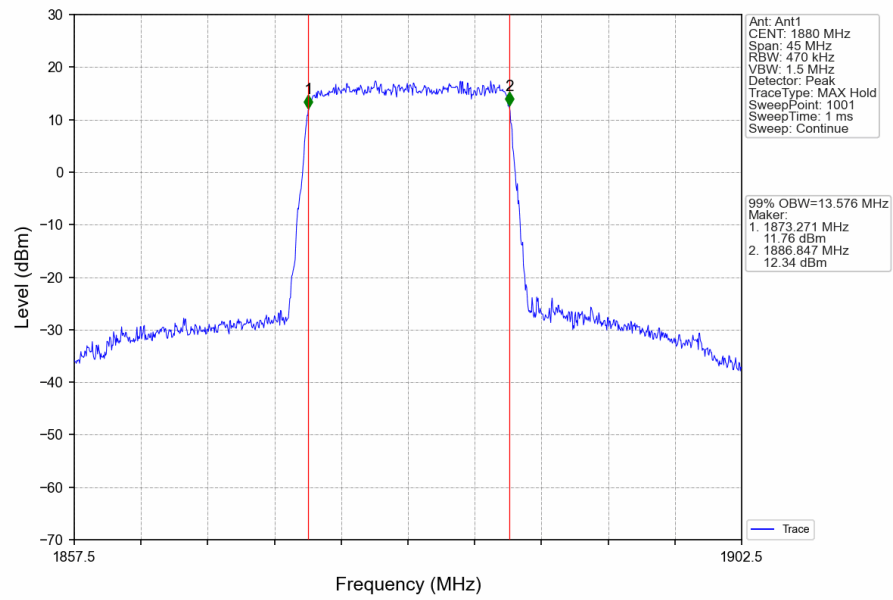
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



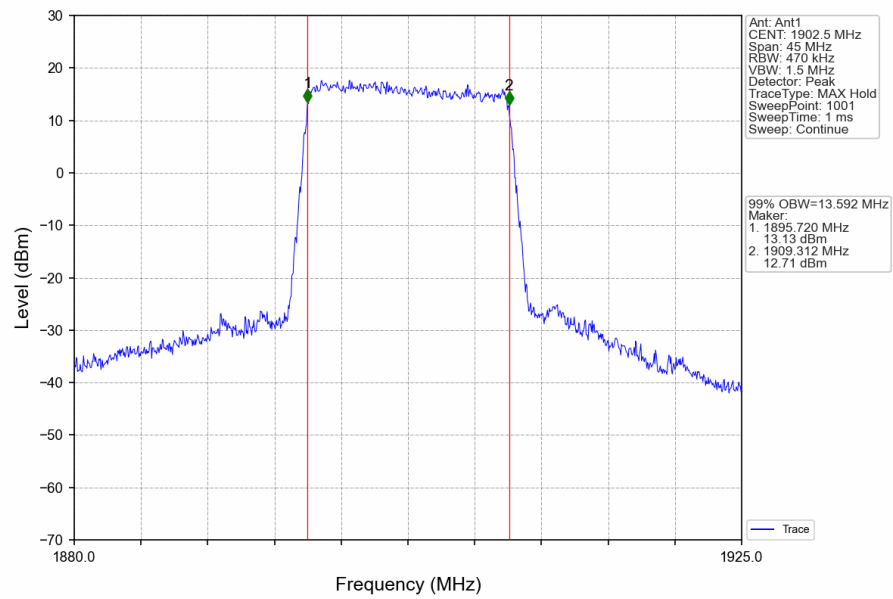
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



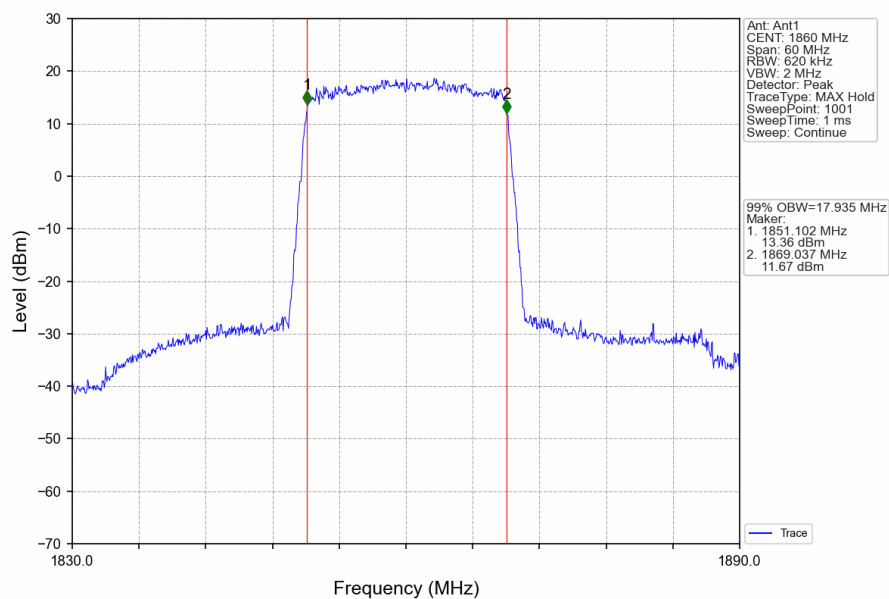
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



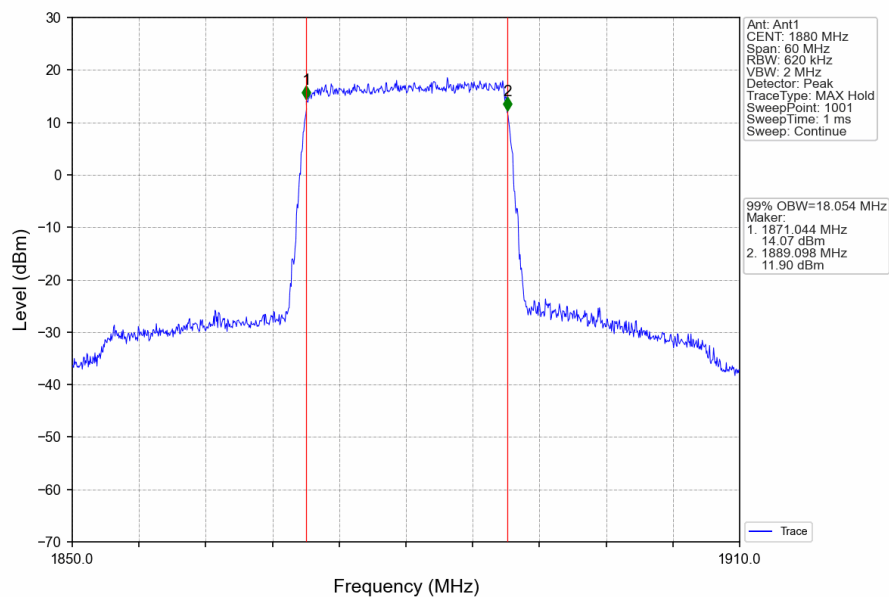
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



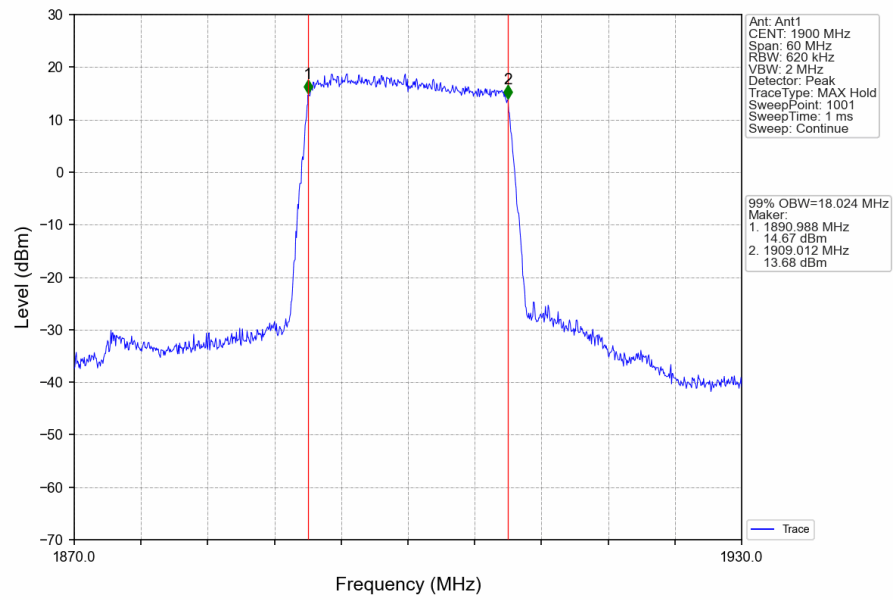
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



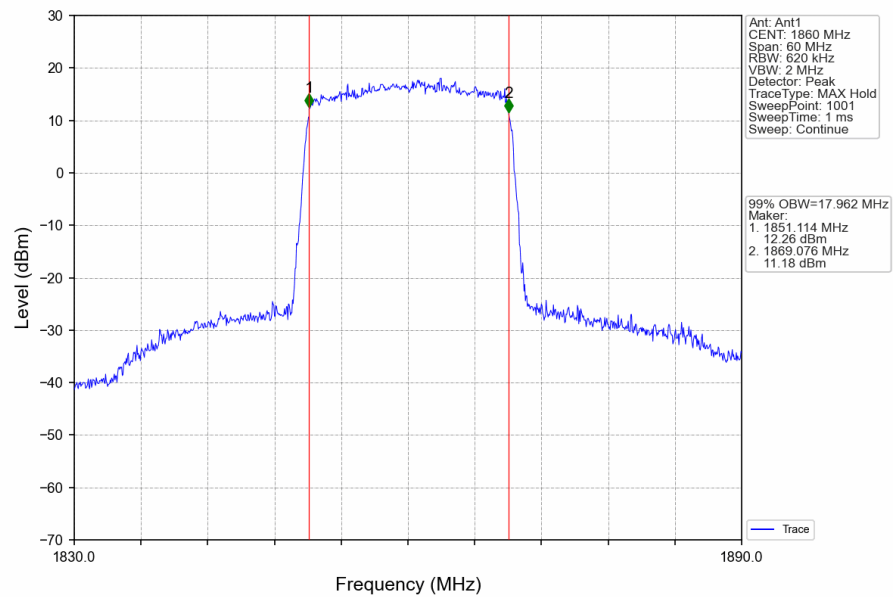
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



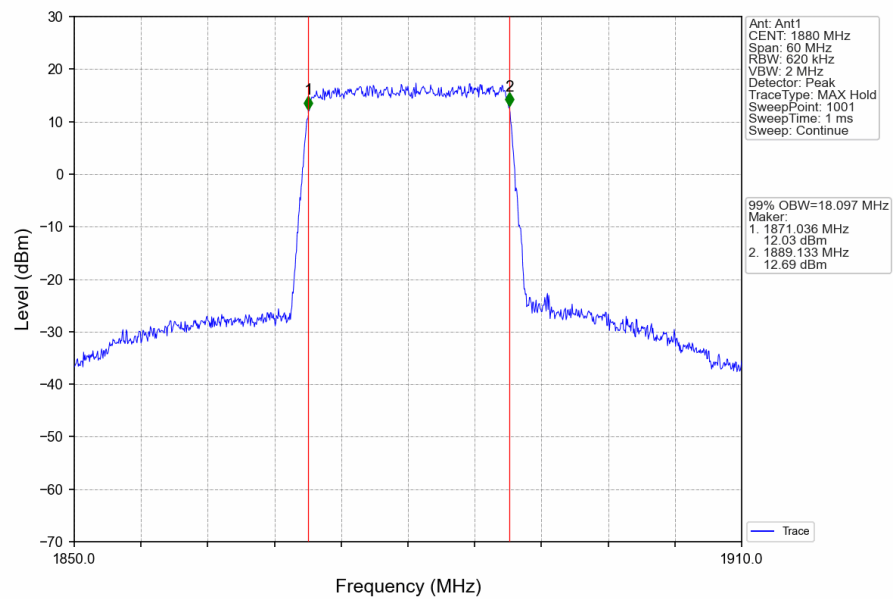
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



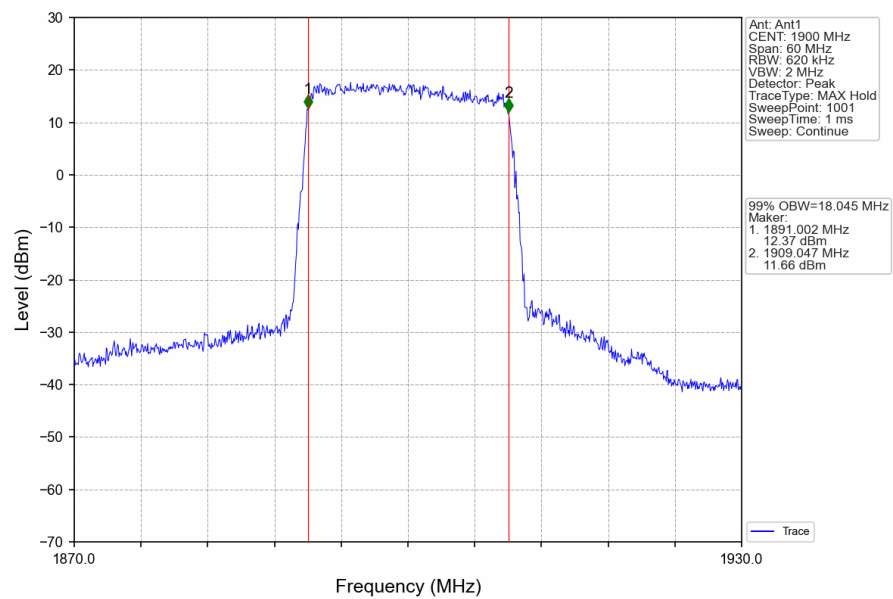
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

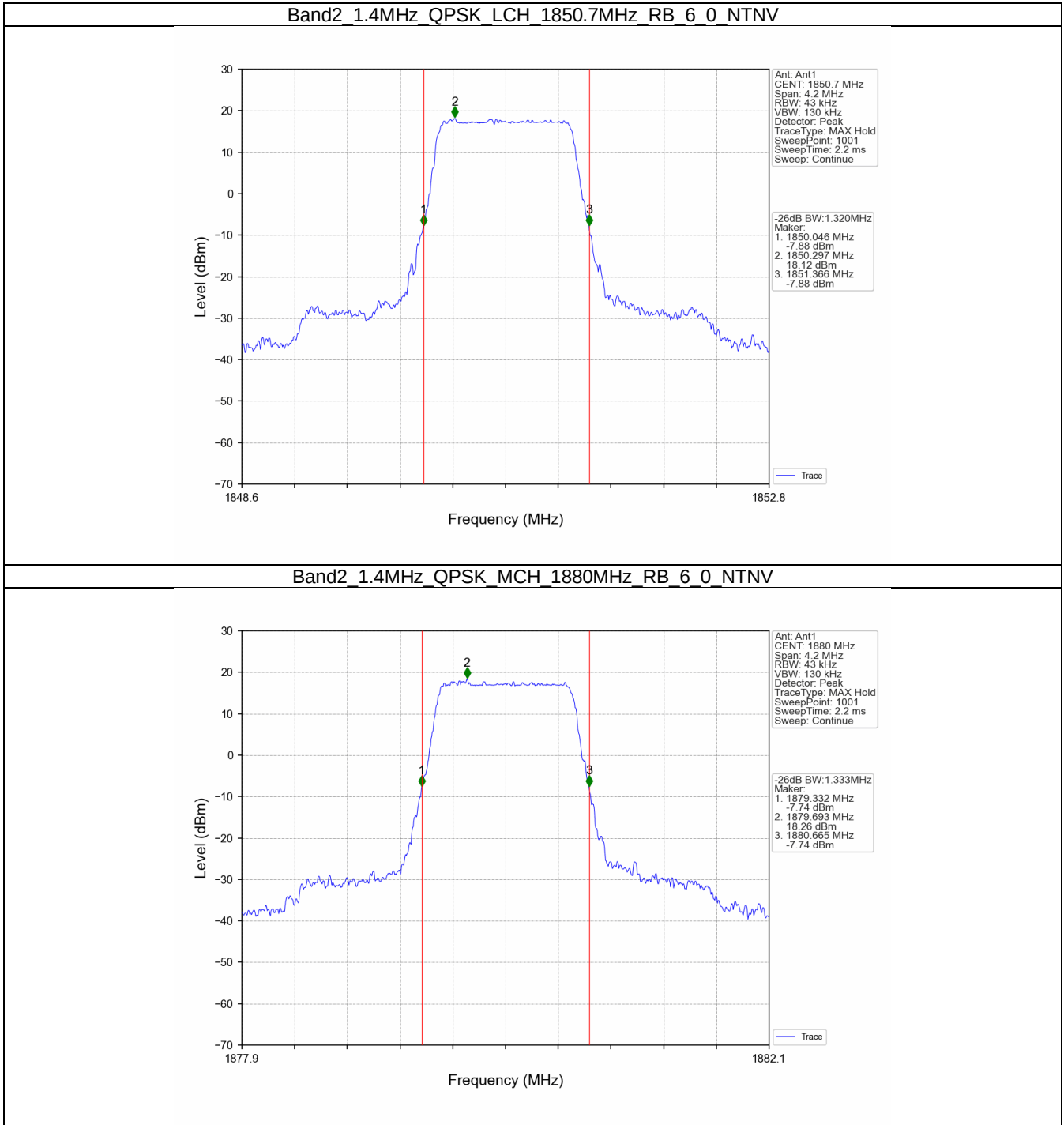


4.2 Band2_XDB

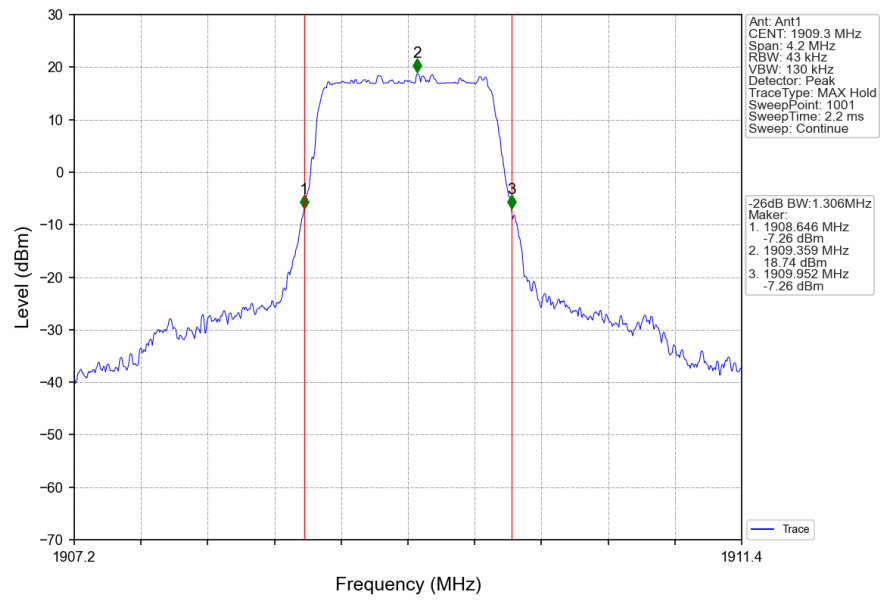
4.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.320	Pass
		1880	6	0	1.333	Pass
		1909.3	6	0	1.306	Pass
	16QAM	1850.7	6	0	1.342	Pass
		1880	6	0	1.302	Pass
		1909.3	6	0	1.338	Pass
3	QPSK	1851.5	15	0	3.075	Pass
		1880	15	0	3.037	Pass
		1908.5	15	0	3.064	Pass
	16QAM	1851.5	15	0	3.059	Pass
		1880	15	0	3.053	Pass
		1908.5	15	0	3.065	Pass
5	QPSK	1852.5	25	0	5.061	Pass
		1880	25	0	5.101	Pass
		1907.5	25	0	5.087	Pass
	16QAM	1852.5	25	0	5.054	Pass
		1880	25	0	5.078	Pass
		1907.5	25	0	5.136	Pass
10	QPSK	1855	50	0	10.085	Pass
		1880	50	0	10.035	Pass
		1905	50	0	10.003	Pass
	16QAM	1855	50	0	9.943	Pass
		1880	50	0	10.071	Pass
		1905	50	0	10.057	Pass
15	QPSK	1857.5	75	0	14.896	Pass
		1880	75	0	14.947	Pass
		1902.5	75	0	15.063	Pass
	16QAM	1857.5	75	0	14.932	Pass
		1880	75	0	15.016	Pass
		1902.5	75	0	14.873	Pass
20	QPSK	1860	100	0	19.700	Pass
		1880	100	0	19.894	Pass
		1900	100	0	19.795	Pass
	16QAM	1860	100	0	19.645	Pass
		1880	100	0	19.790	Pass
		1900	100	0	19.848	Pass

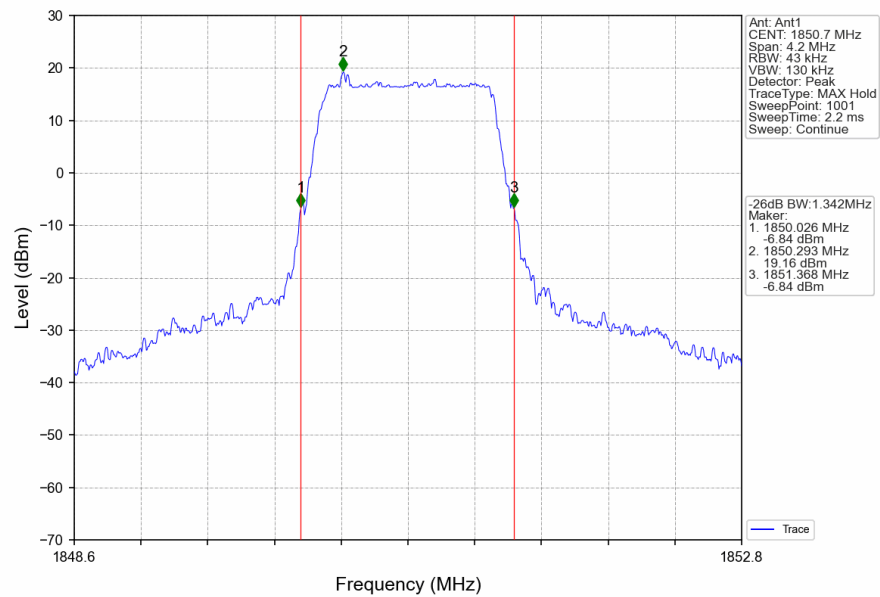
4.2.2 Test Graph



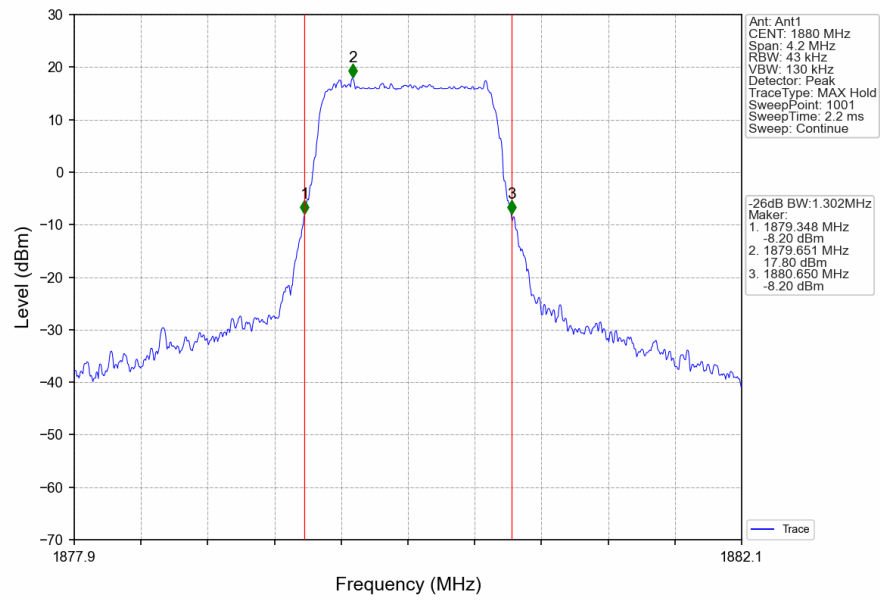
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



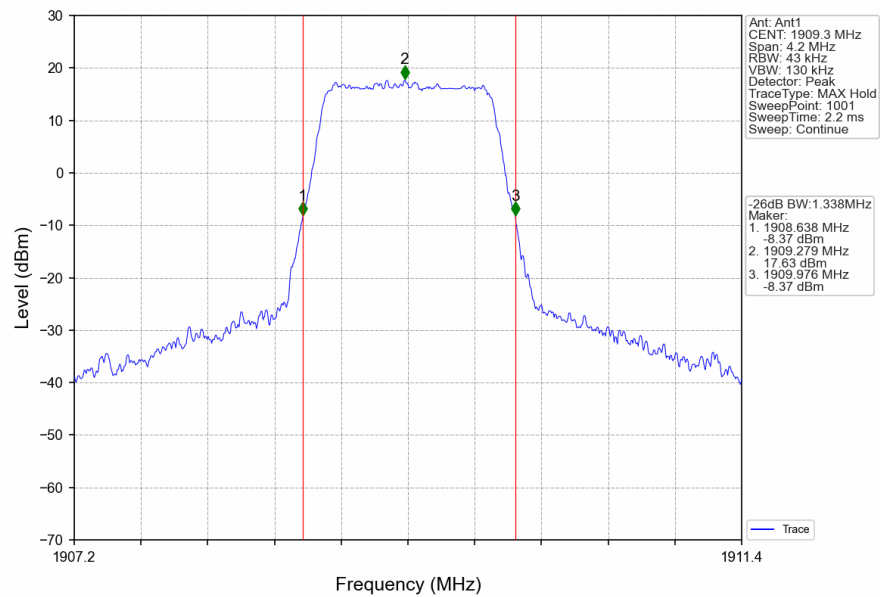
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



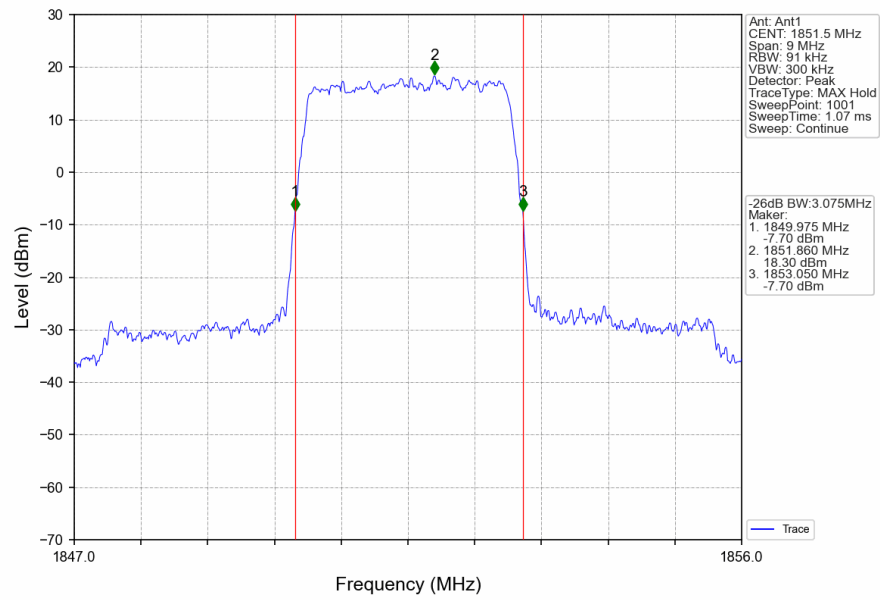
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



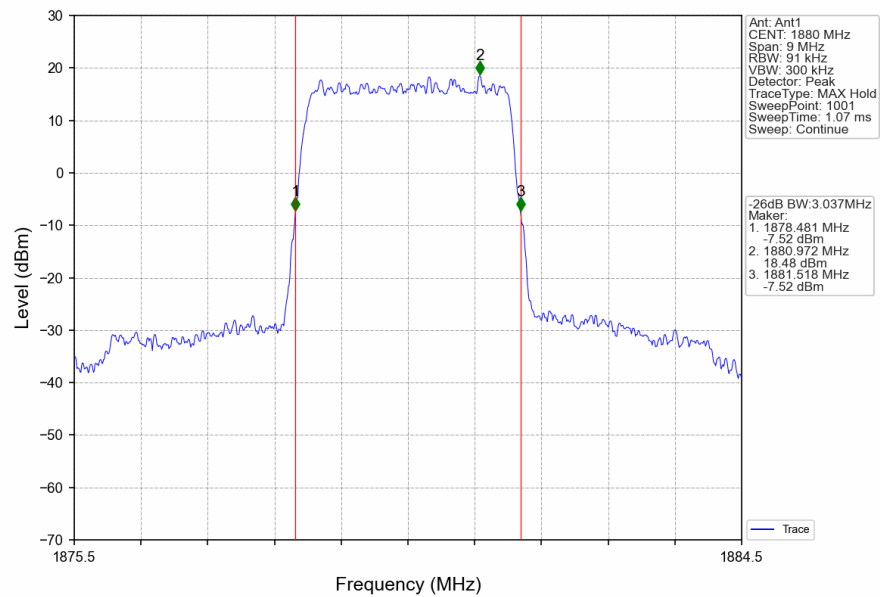
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



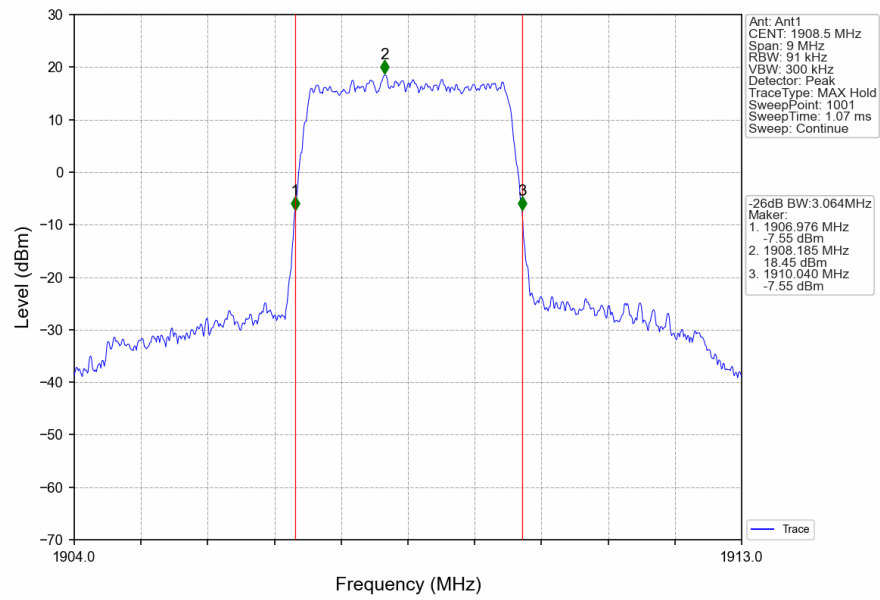
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



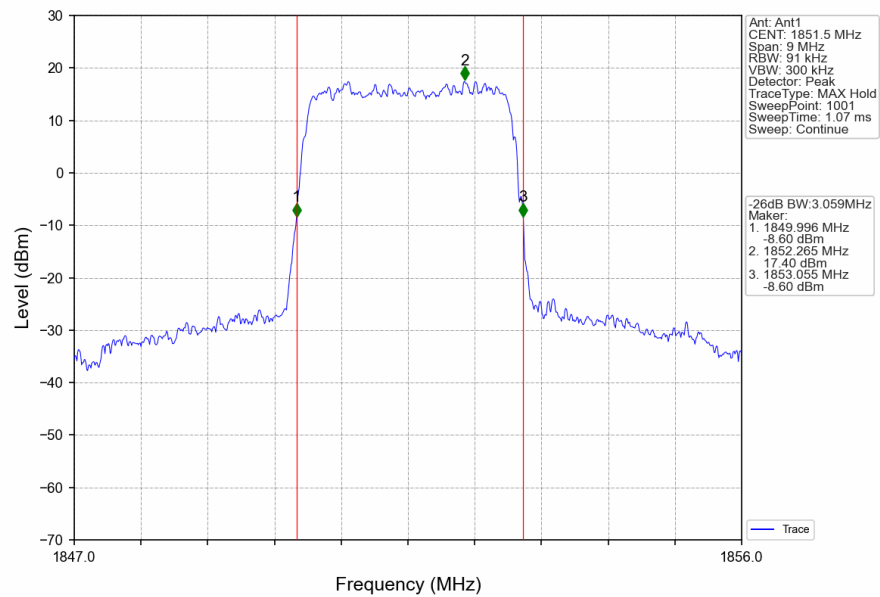
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



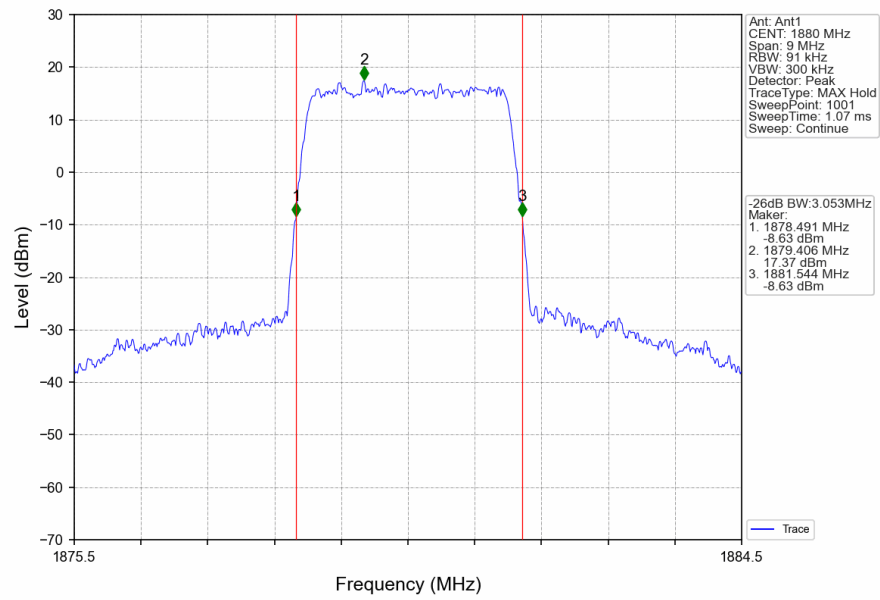
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



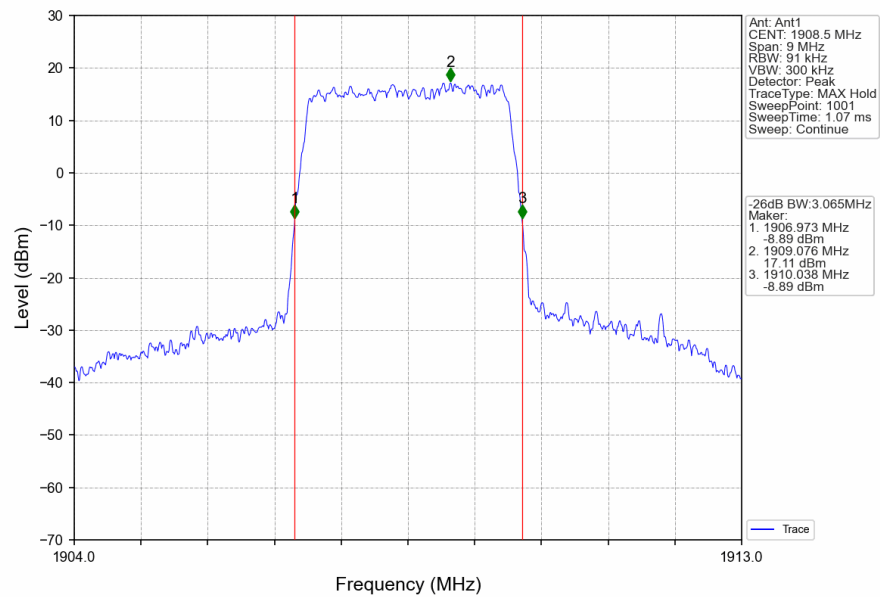
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



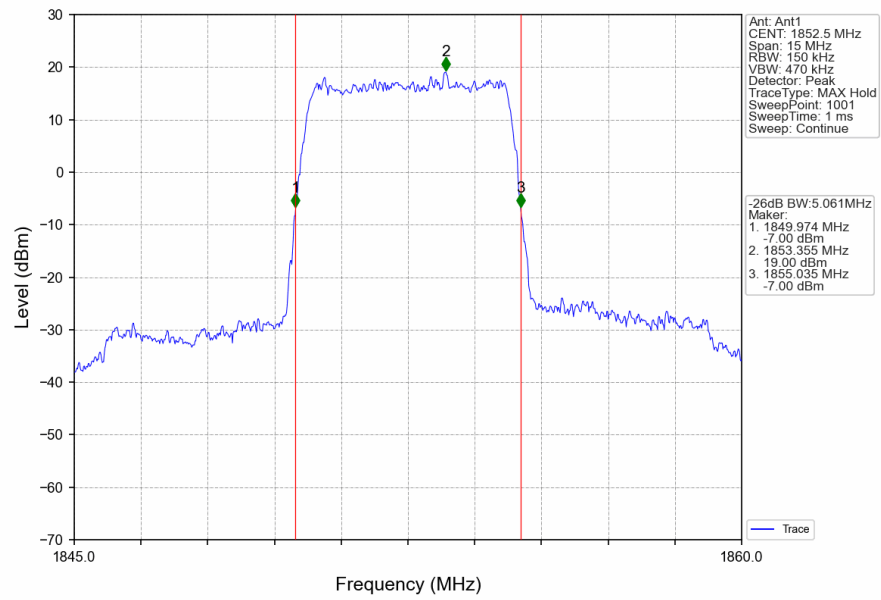
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



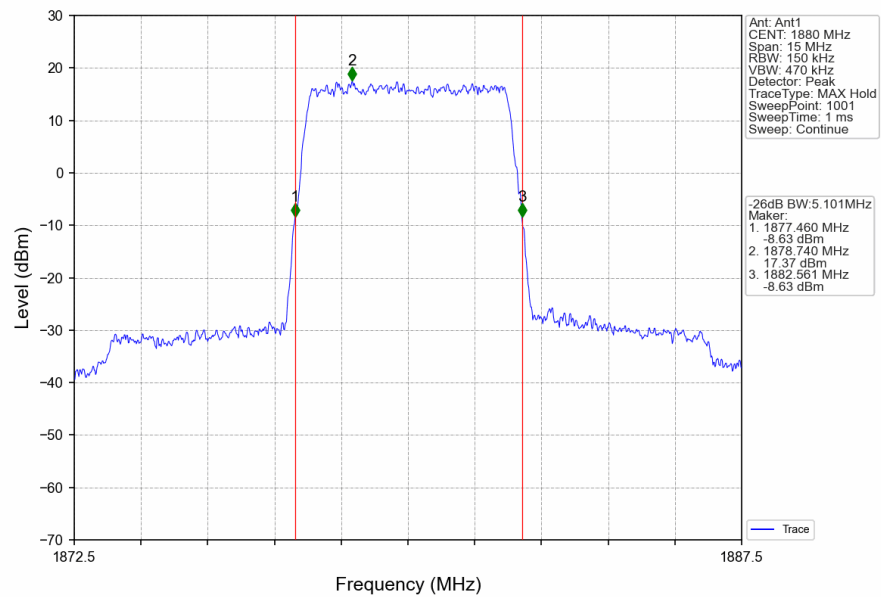
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



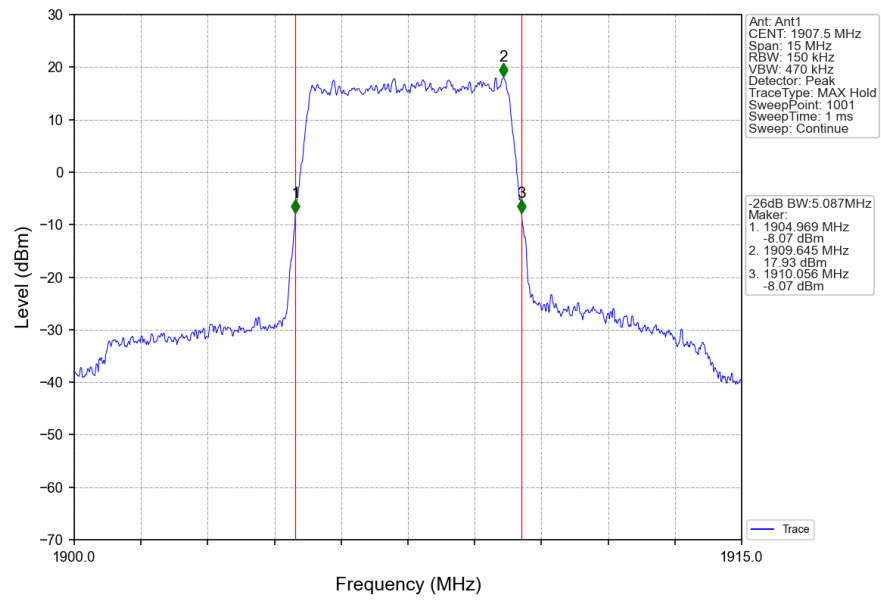
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



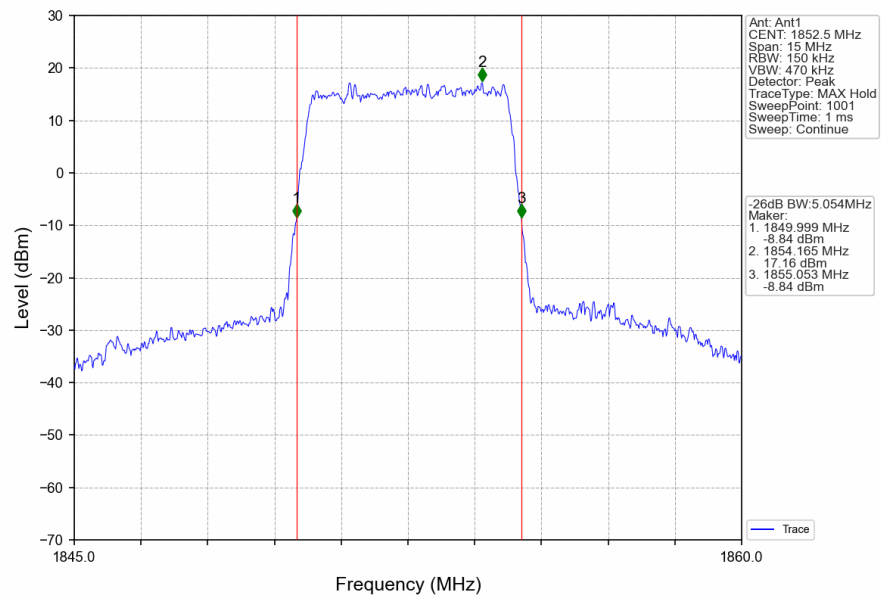
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



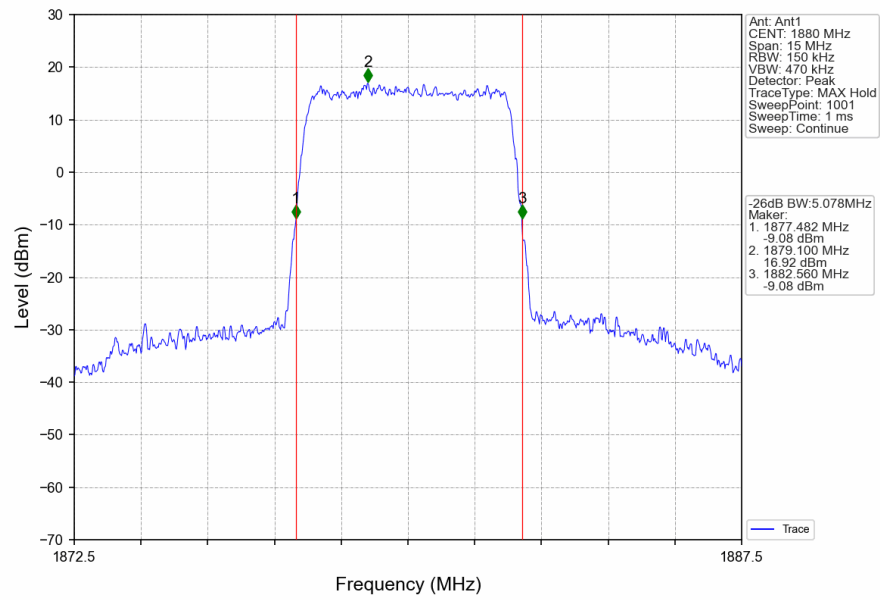
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



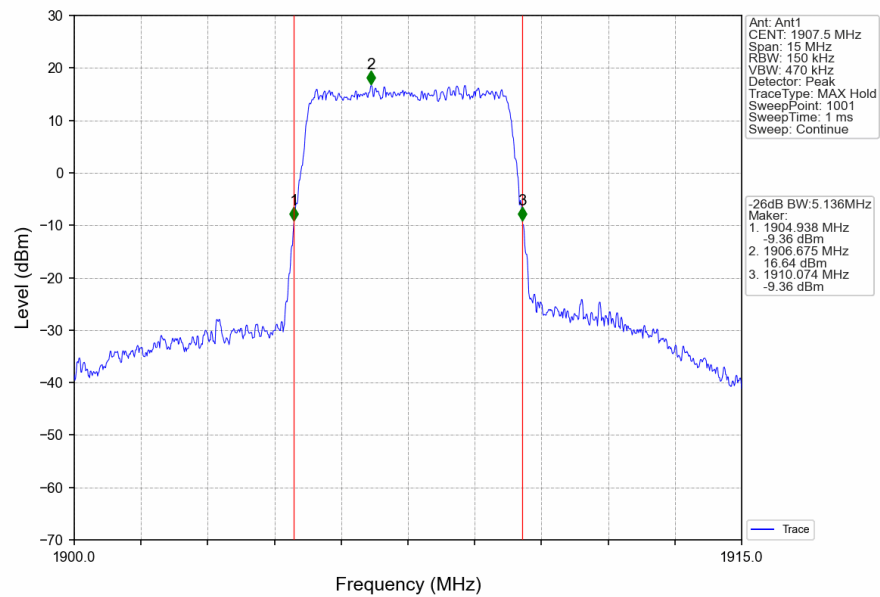
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



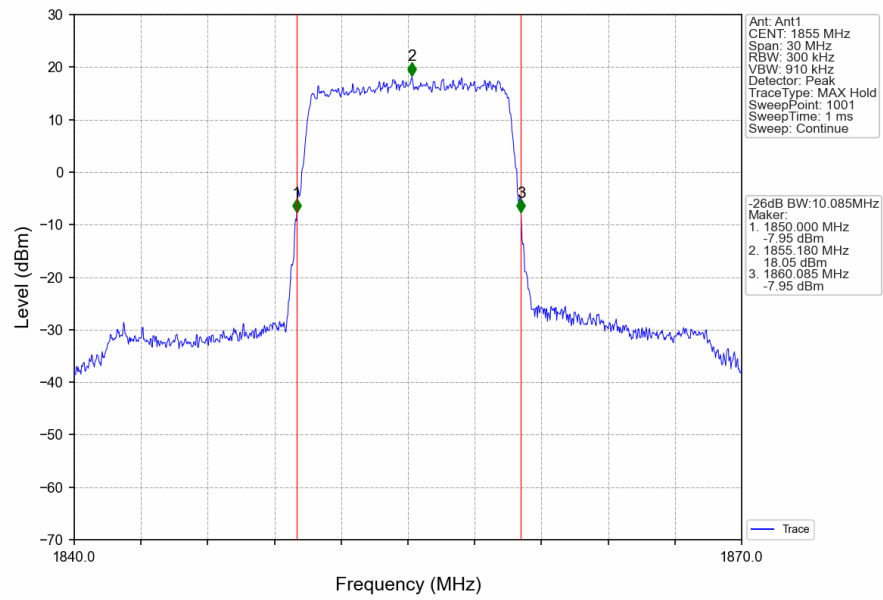
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



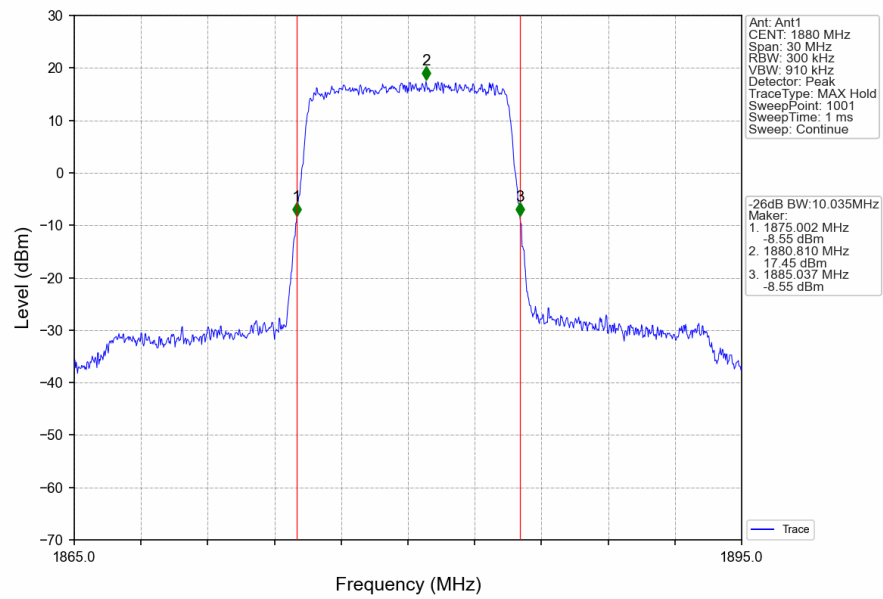
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



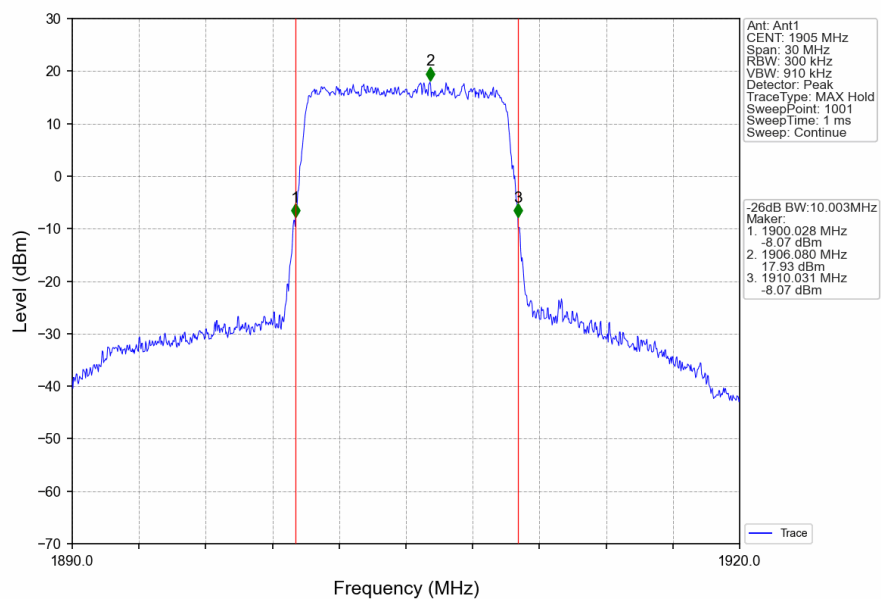
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



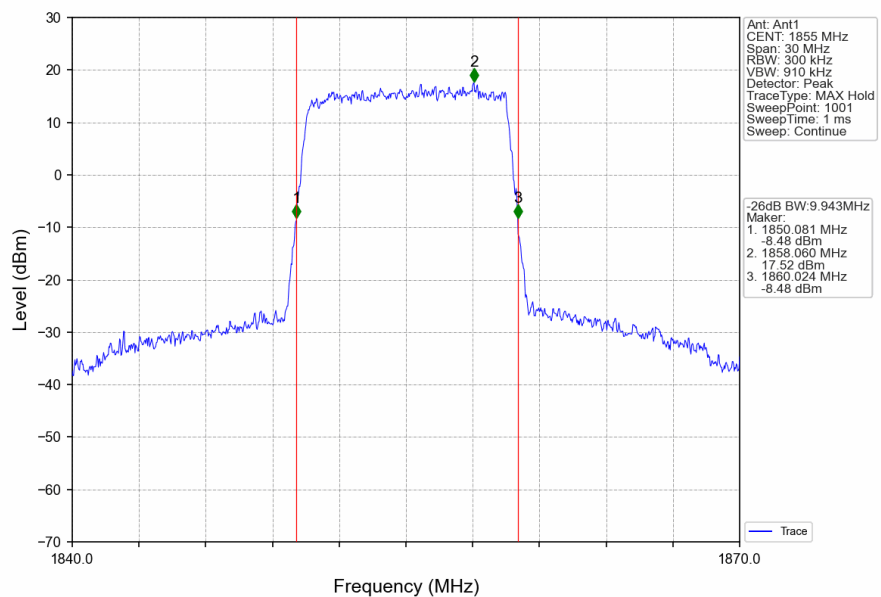
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



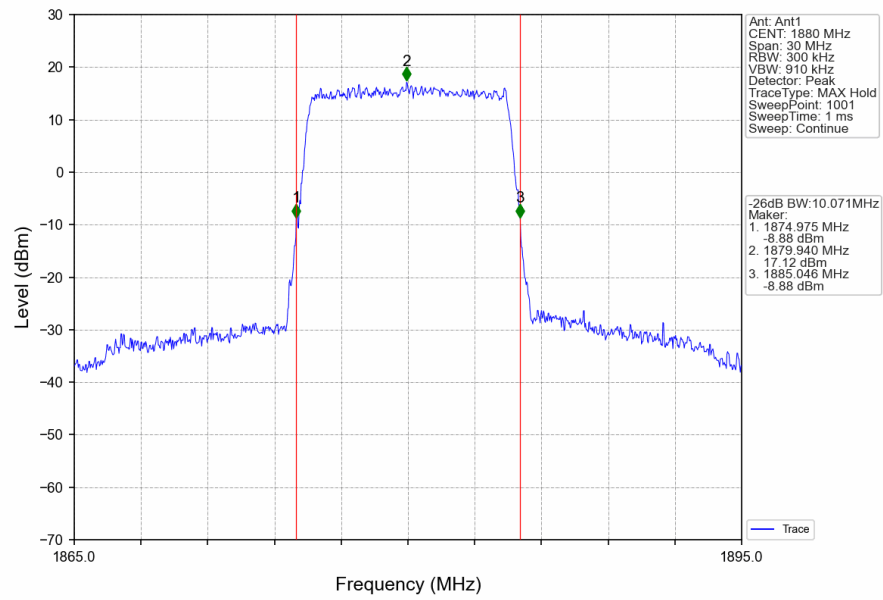
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



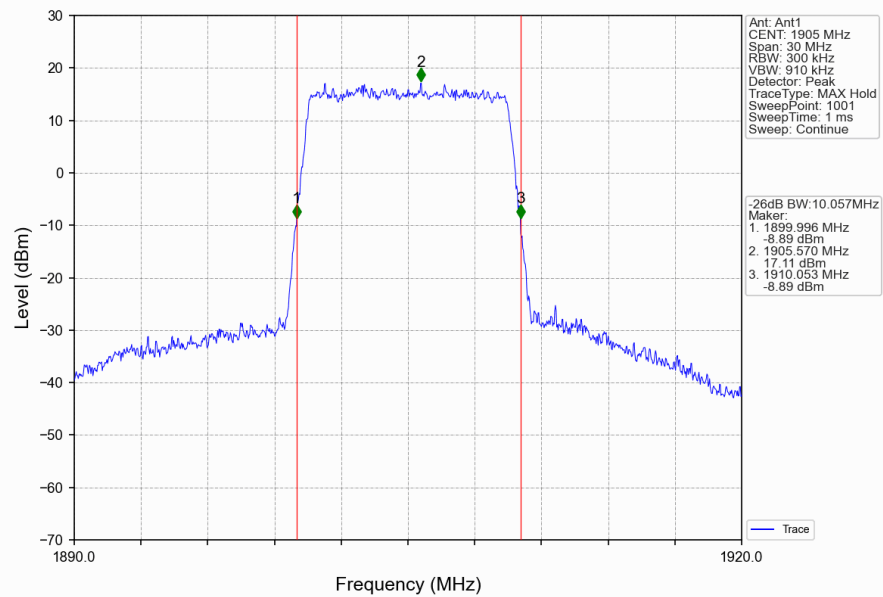
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



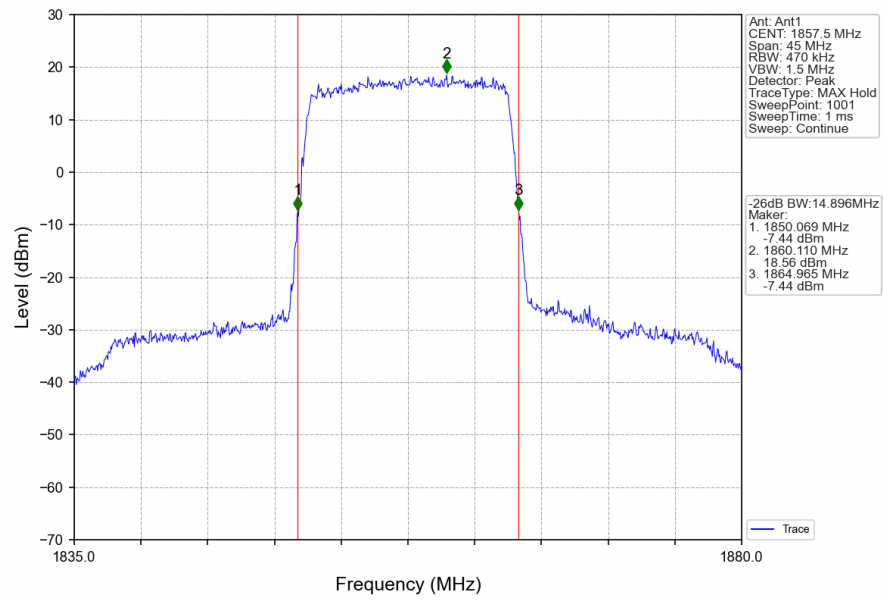
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



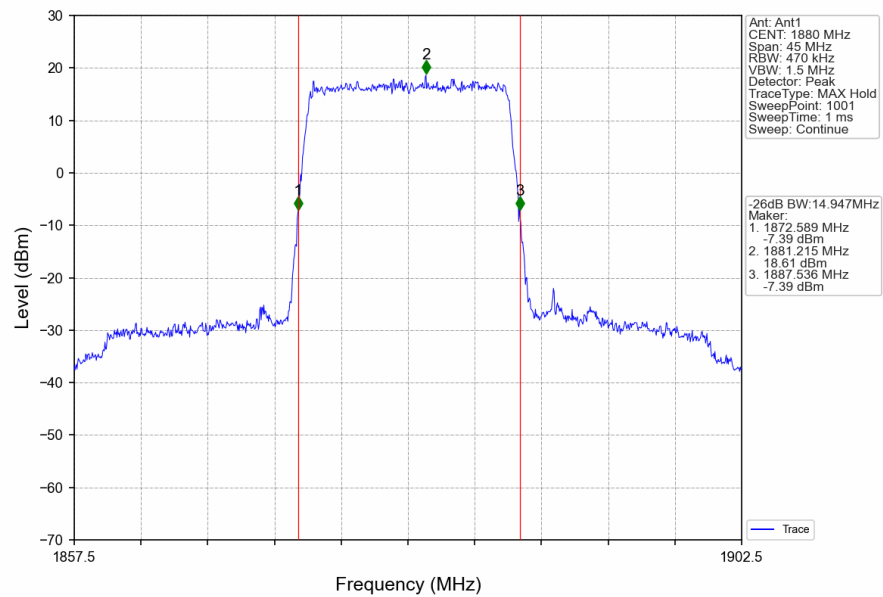
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



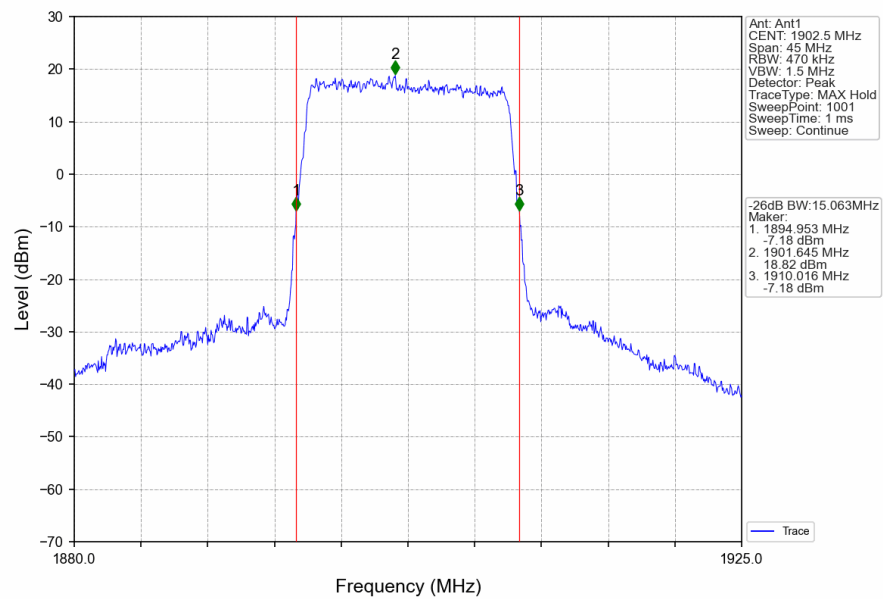
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



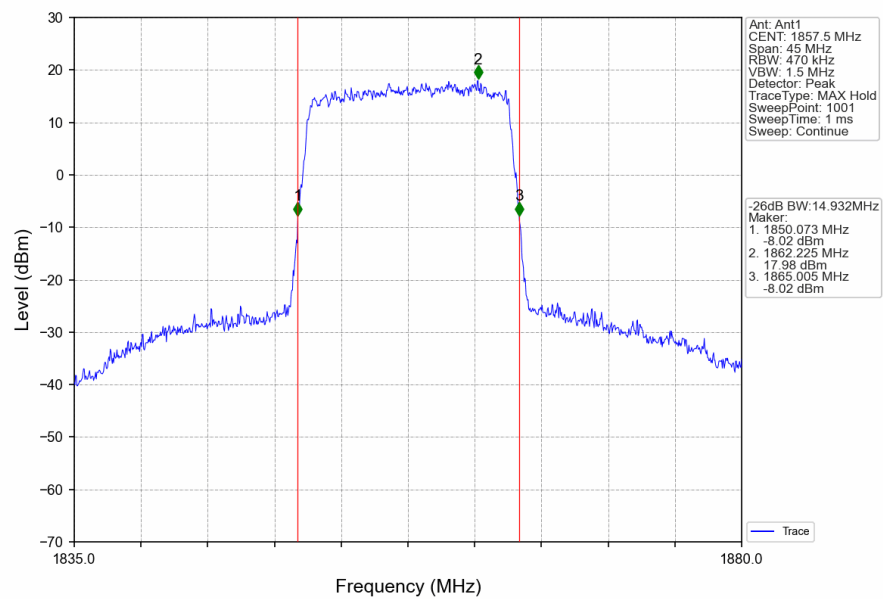
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



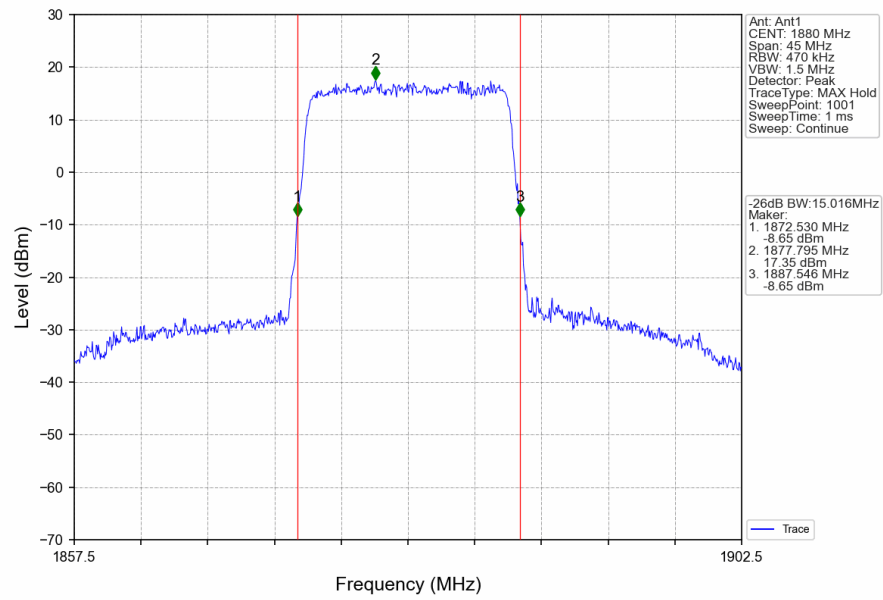
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



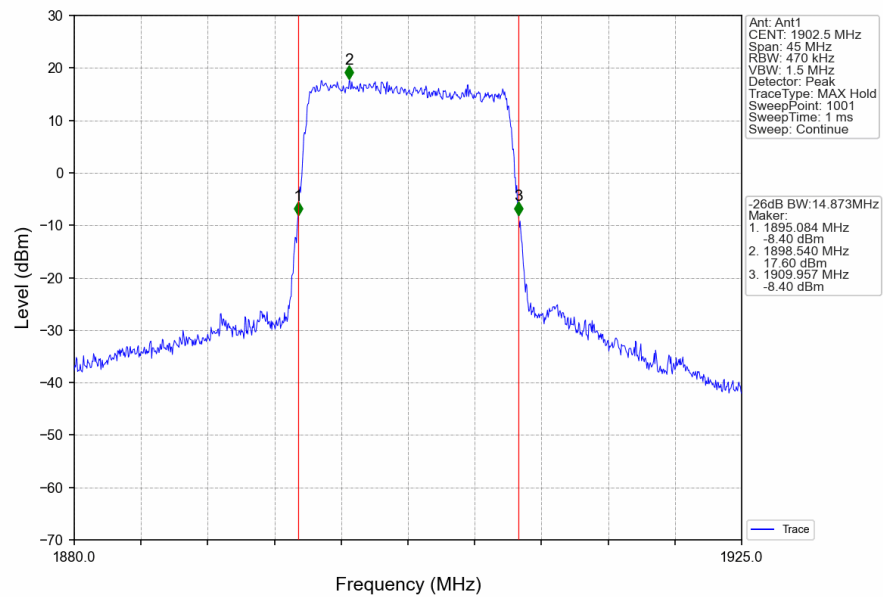
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



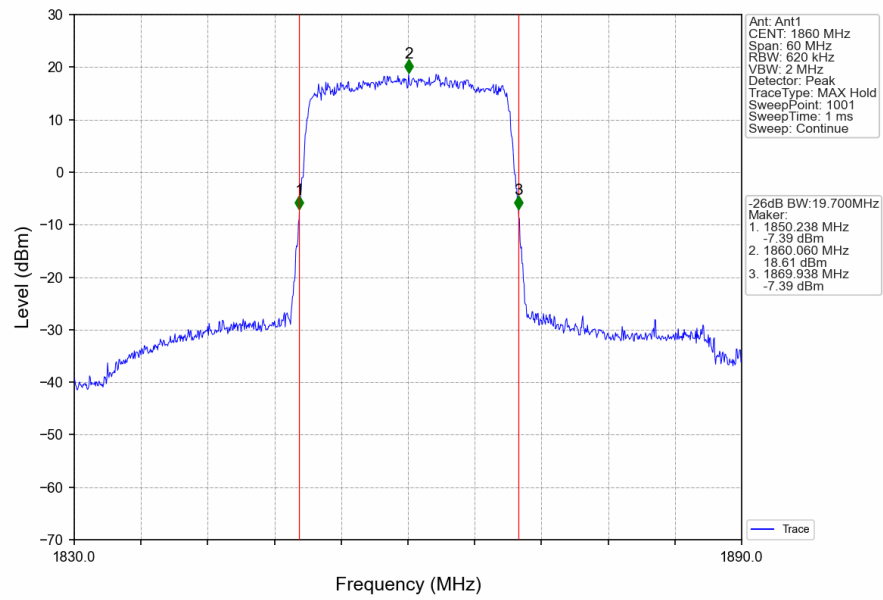
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



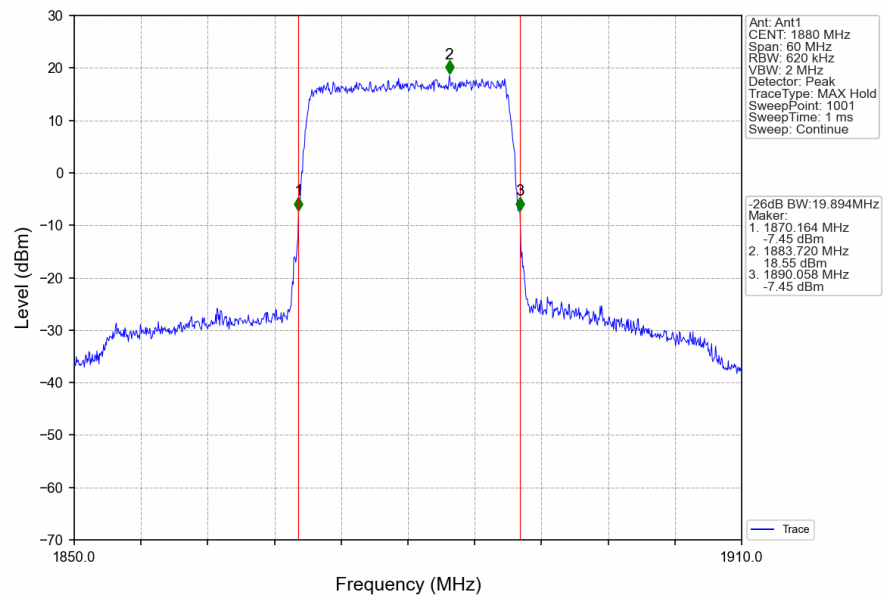
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



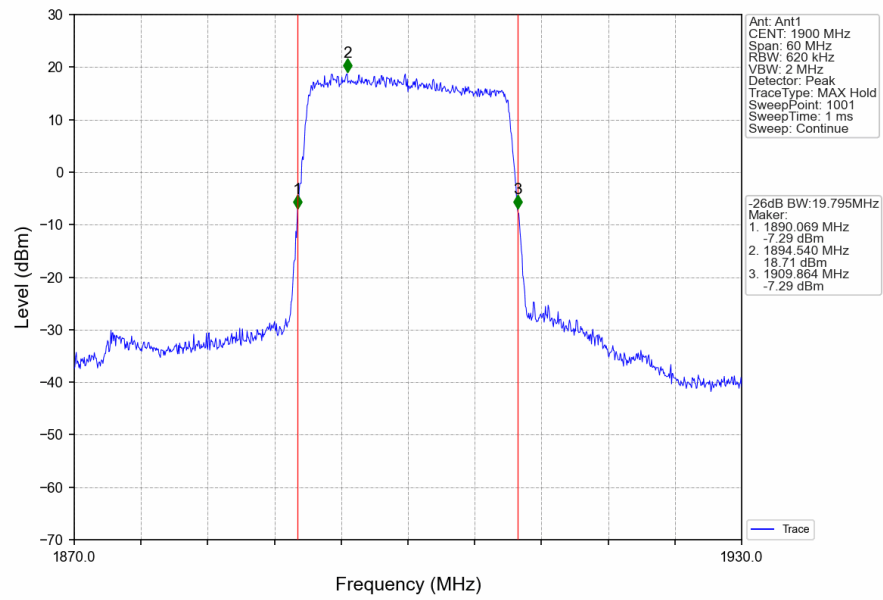
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



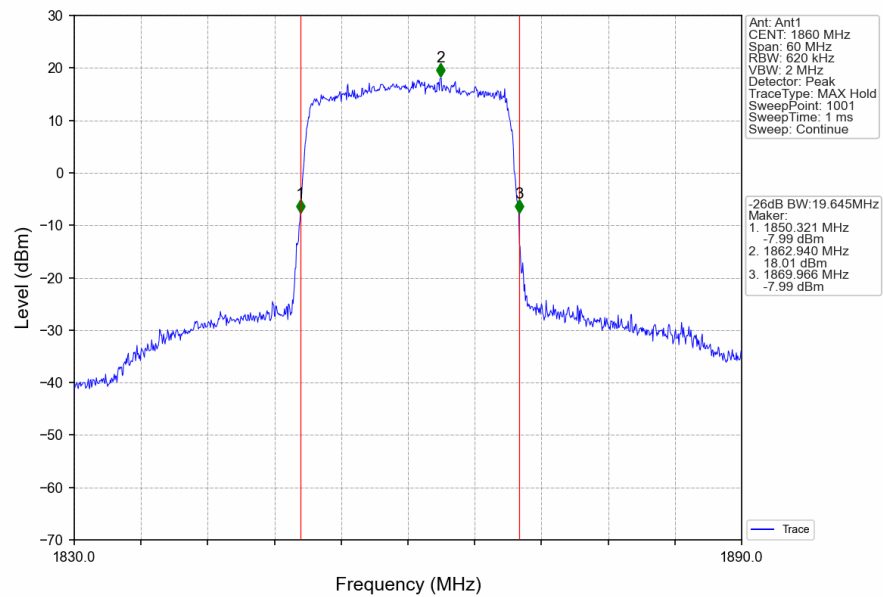
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



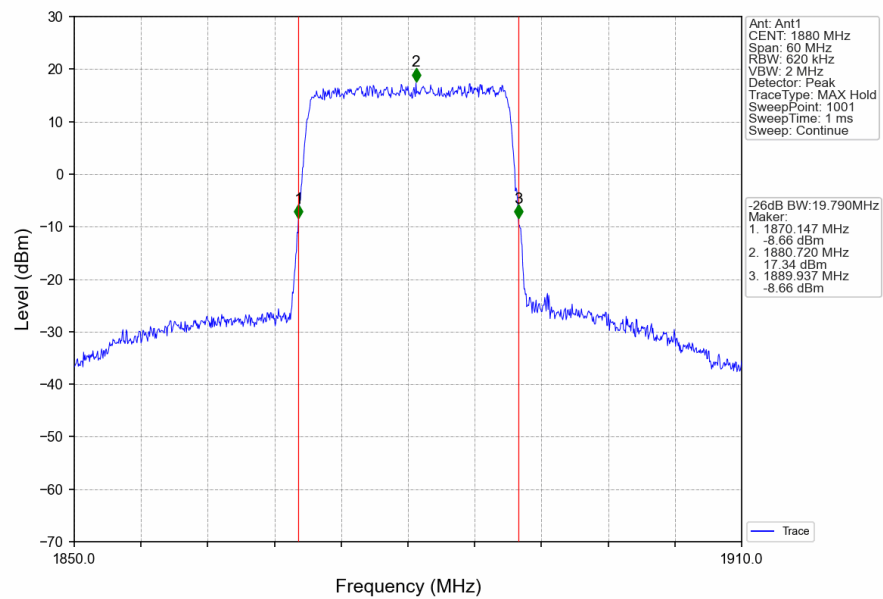
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



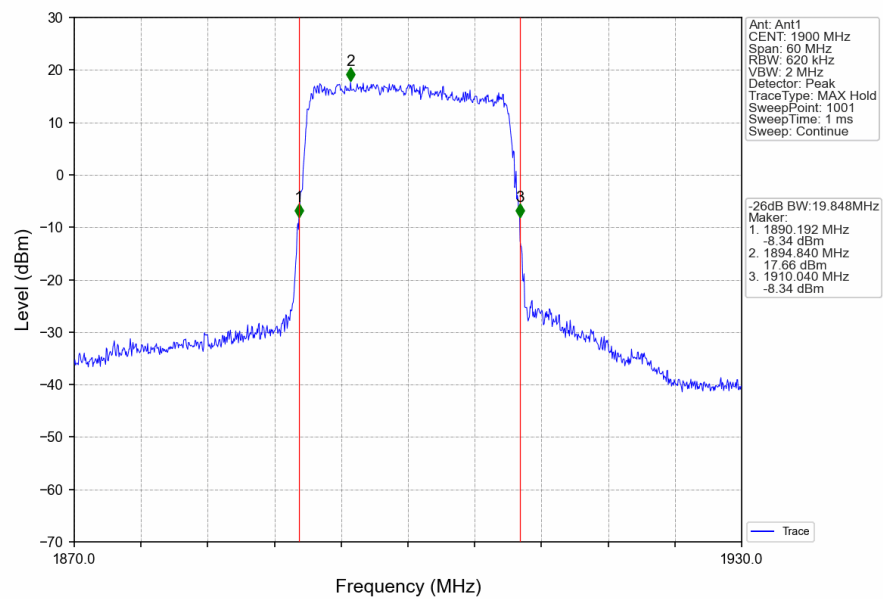
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



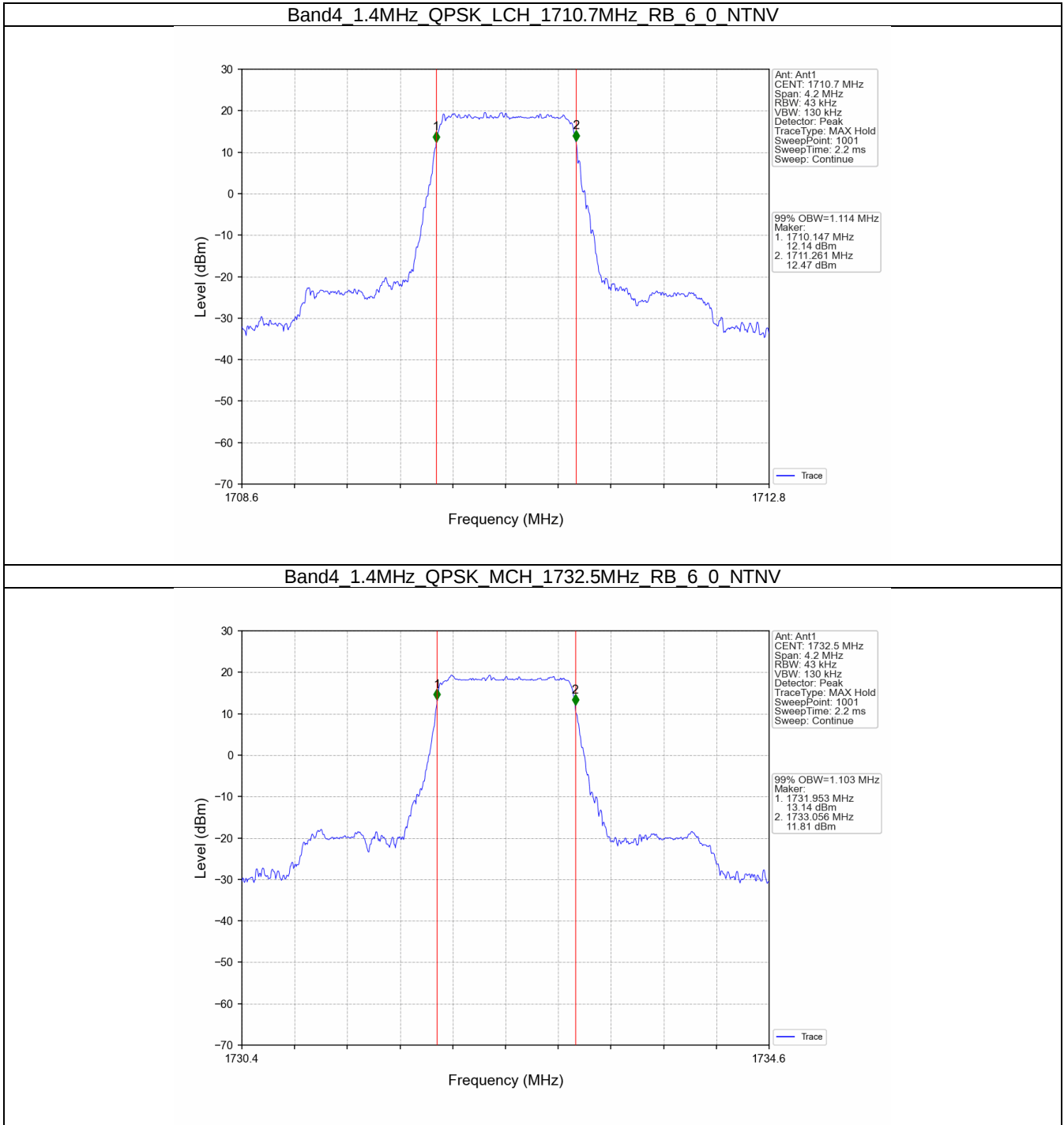
5. 99% & 26dB Bandwidth

5.1 Band4_OBW

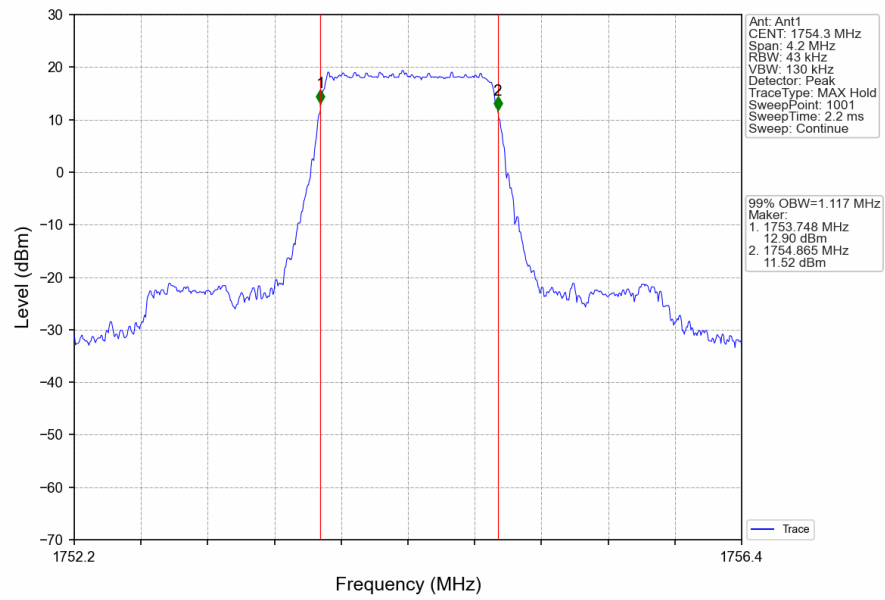
5.1.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.114	Pass
		1732.5	6	0	1.103	Pass
		1754.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.103	Pass
		1732.5	6	0	1.118	Pass
		1754.3	6	0	1.109	Pass
3	QPSK	1711.5	15	0	2.742	Pass
		1732.5	15	0	2.741	Pass
		1753.5	15	0	2.744	Pass
	16QAM	1711.5	15	0	2.732	Pass
		1732.5	15	0	2.739	Pass
		1753.5	15	0	2.730	Pass
5	QPSK	1712.5	25	0	4.576	Pass
		1732.5	25	0	4.550	Pass
		1752.5	25	0	4.554	Pass
	16QAM	1712.5	25	0	4.538	Pass
		1732.5	25	0	4.565	Pass
		1752.5	25	0	4.577	Pass
10	QPSK	1715	50	0	9.034	Pass
		1732.5	50	0	9.000	Pass
		1750	50	0	9.035	Pass
	16QAM	1715	50	0	9.046	Pass
		1732.5	50	0	9.035	Pass
		1750	50	0	9.038	Pass
15	QPSK	1717.5	75	0	13.573	Pass
		1732.5	75	0	13.494	Pass
		1747.5	75	0	13.537	Pass
	16QAM	1717.5	75	0	13.557	Pass
		1732.5	75	0	13.531	Pass
		1747.5	75	0	13.572	Pass
20	QPSK	1720	100	0	18.044	Pass
		1732.5	100	0	17.944	Pass
		1745	100	0	18.008	Pass
	16QAM	1720	100	0	18.144	Pass
		1732.5	100	0	17.959	Pass
		1745	100	0	18.072	Pass

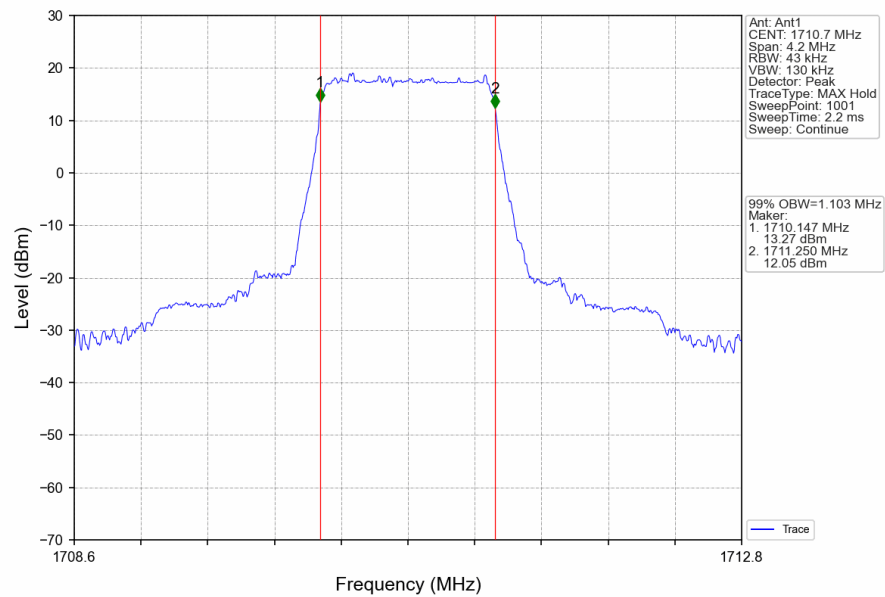
5.1.2 Test Graph



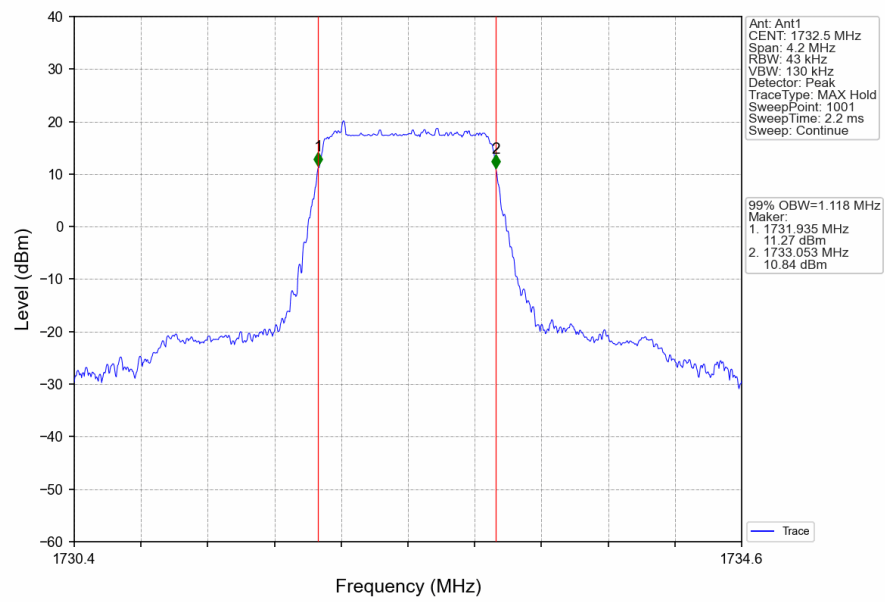
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



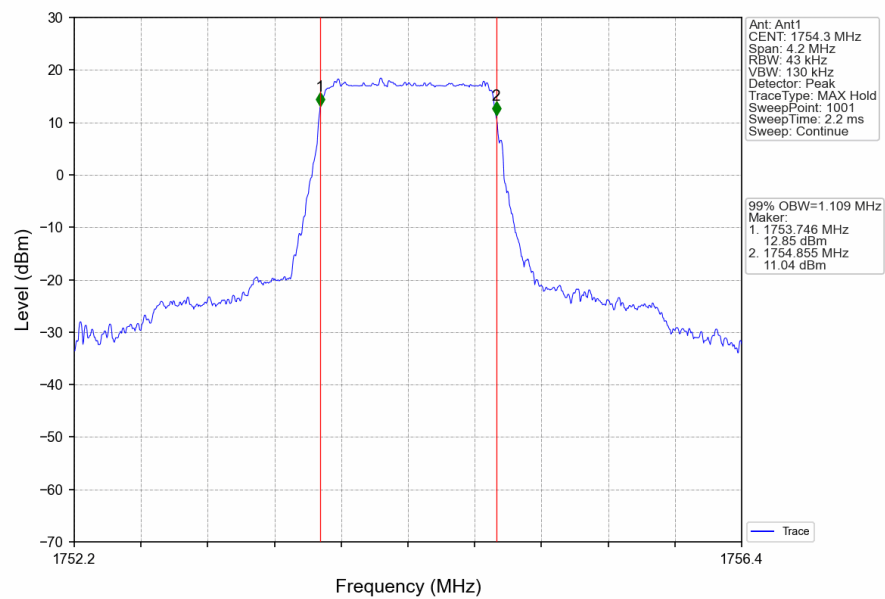
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



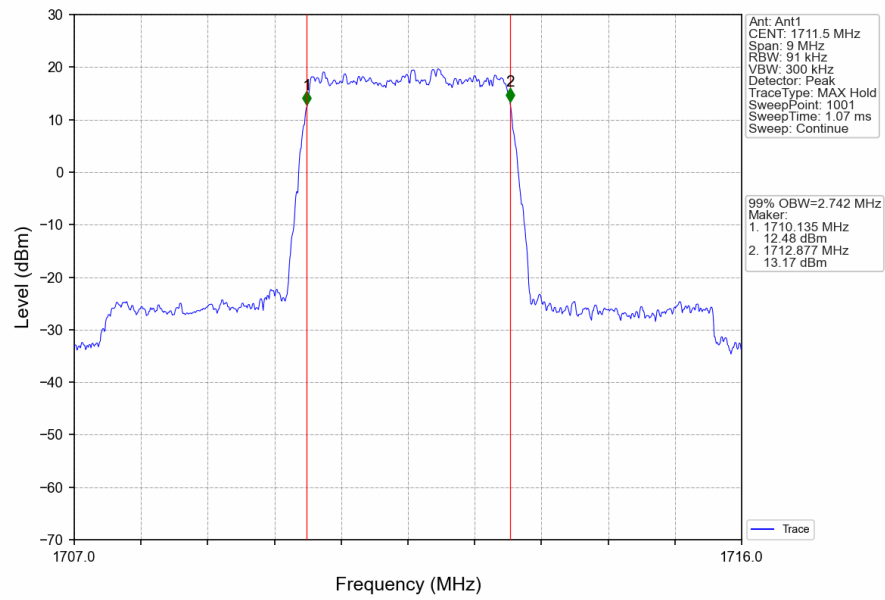
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



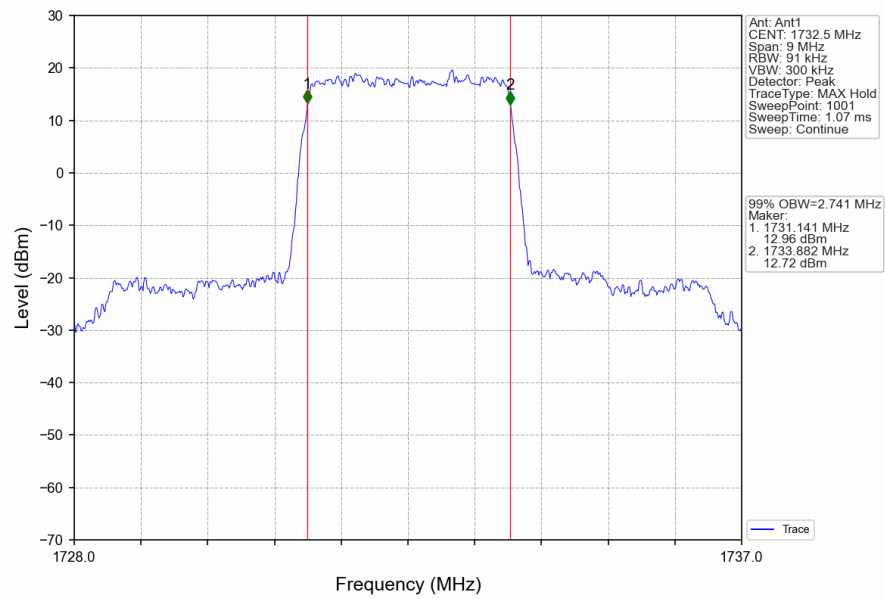
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



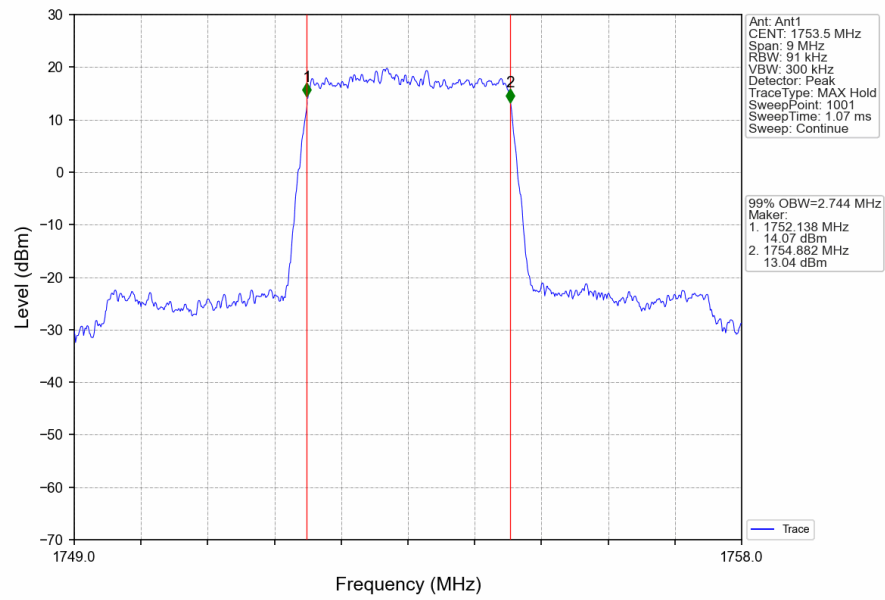
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



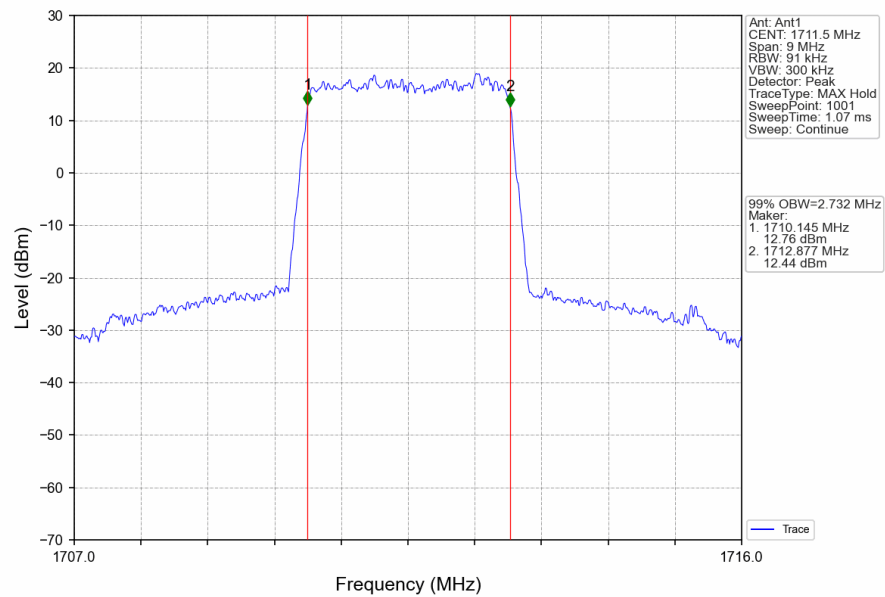
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



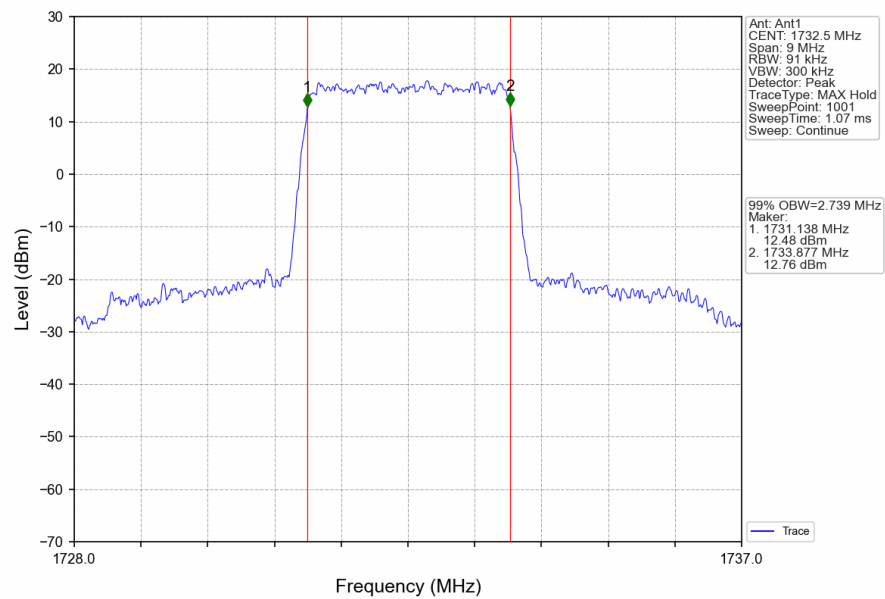
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



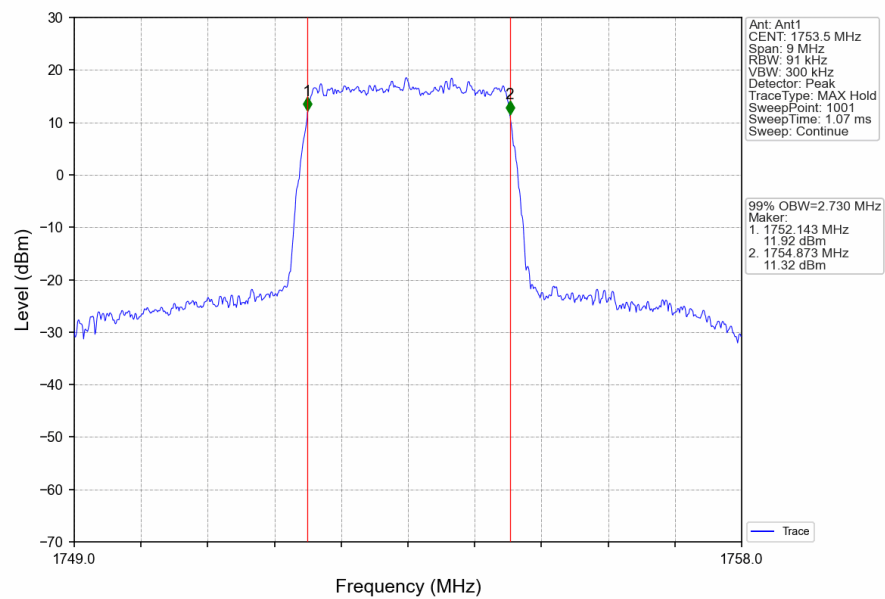
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



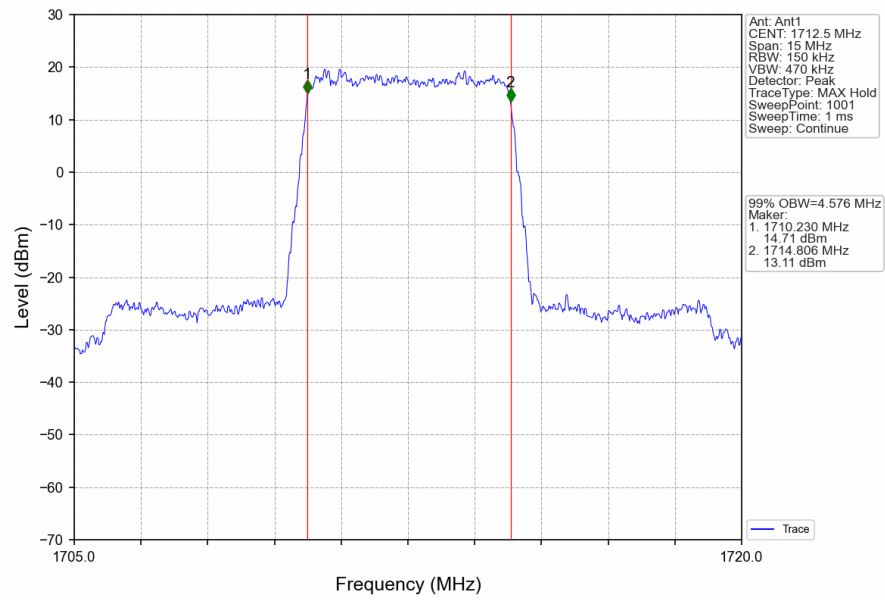
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



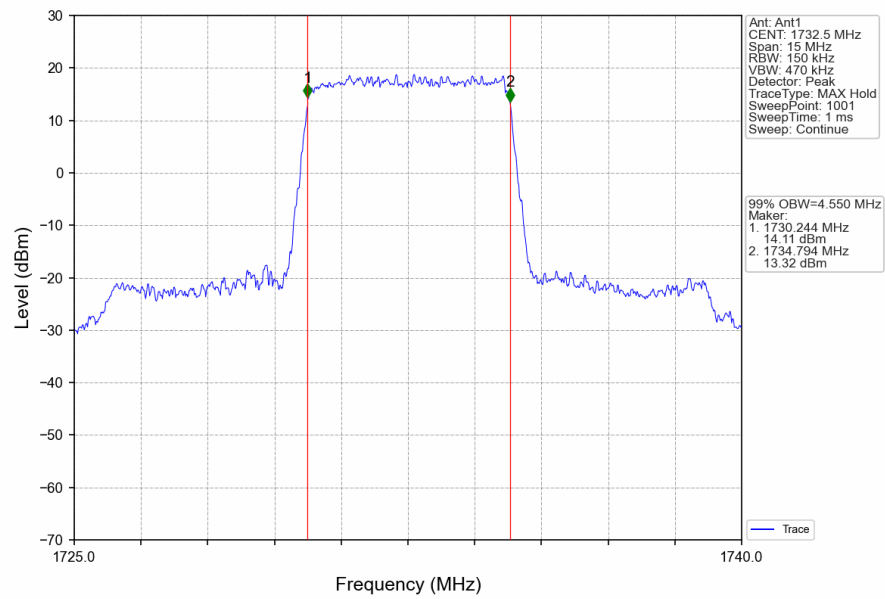
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



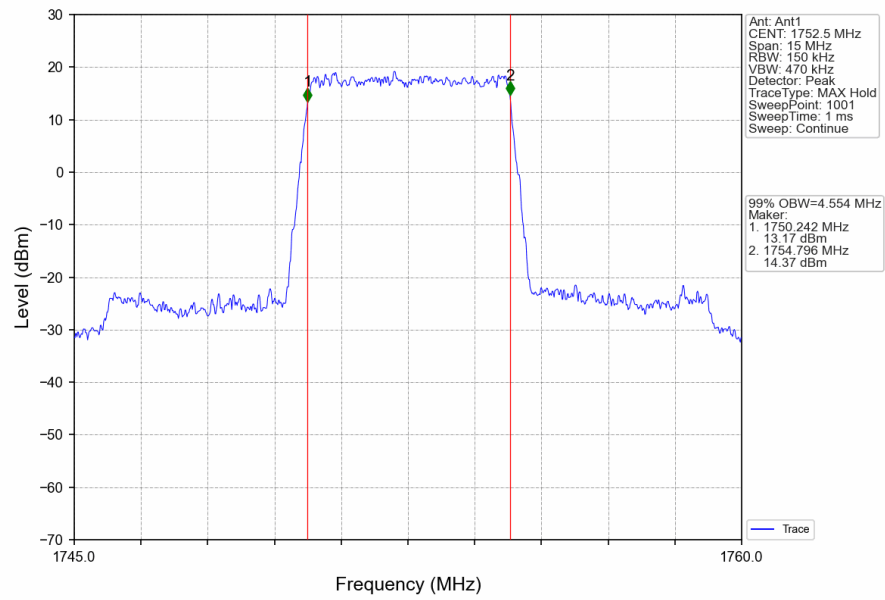
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



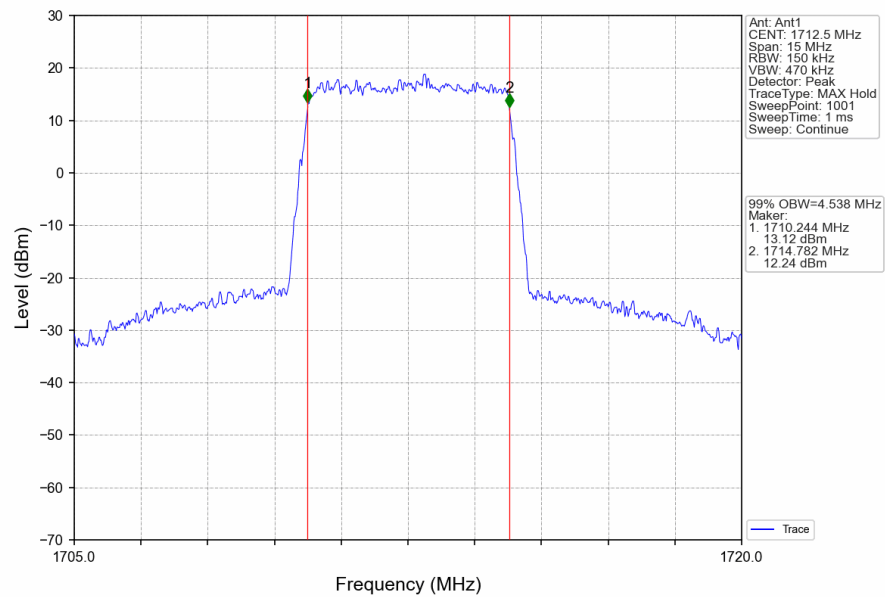
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



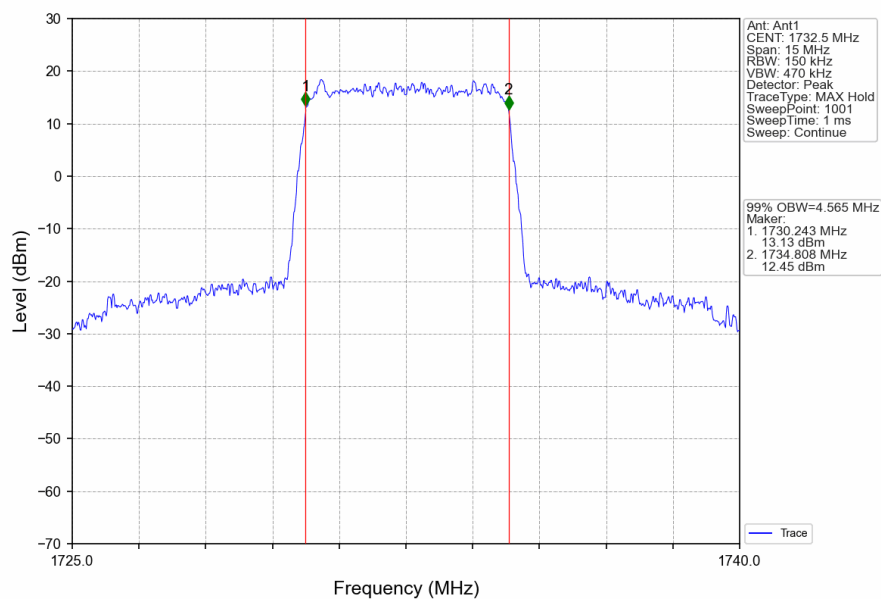
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



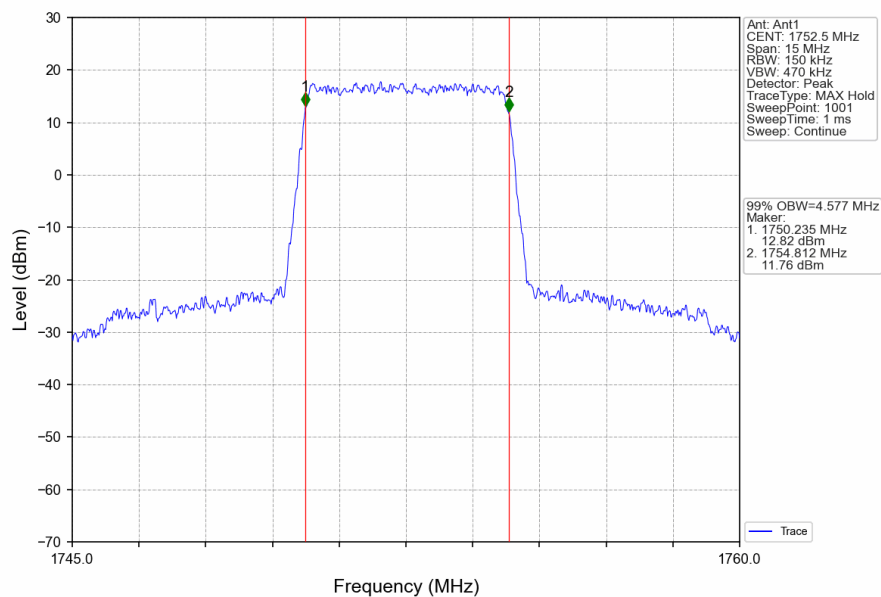
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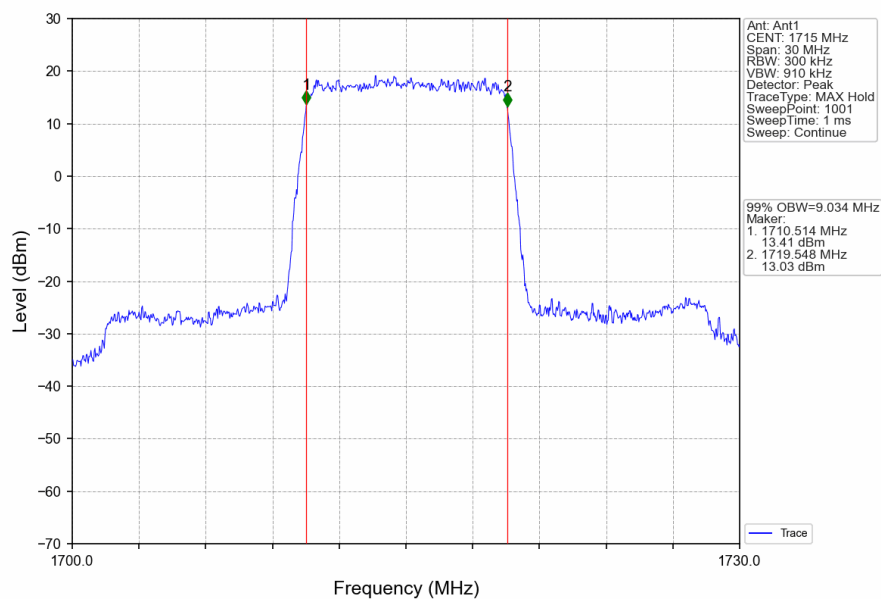
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



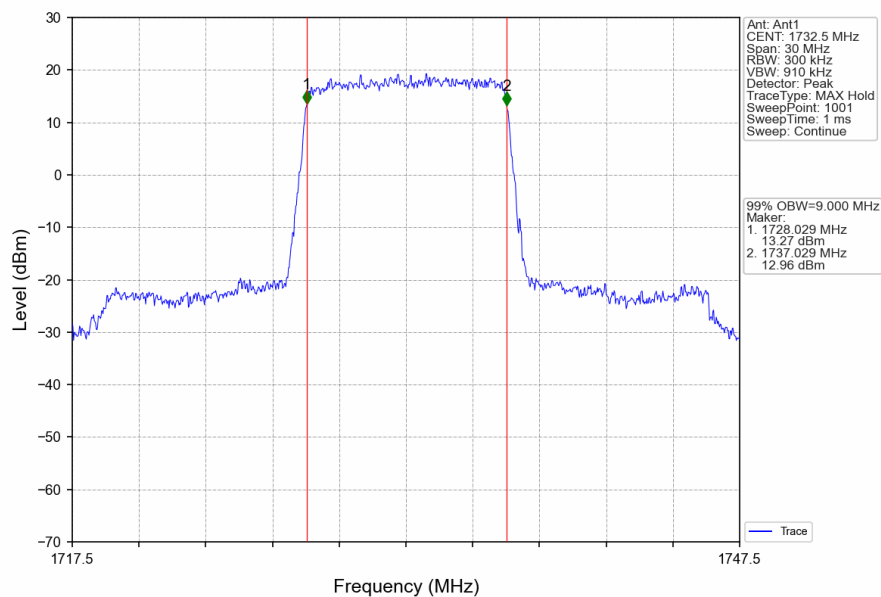
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



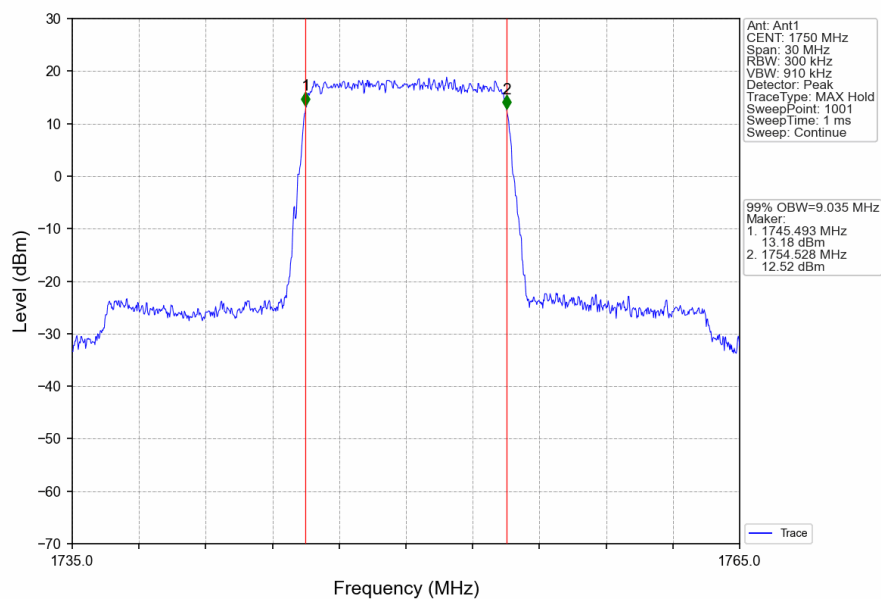
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



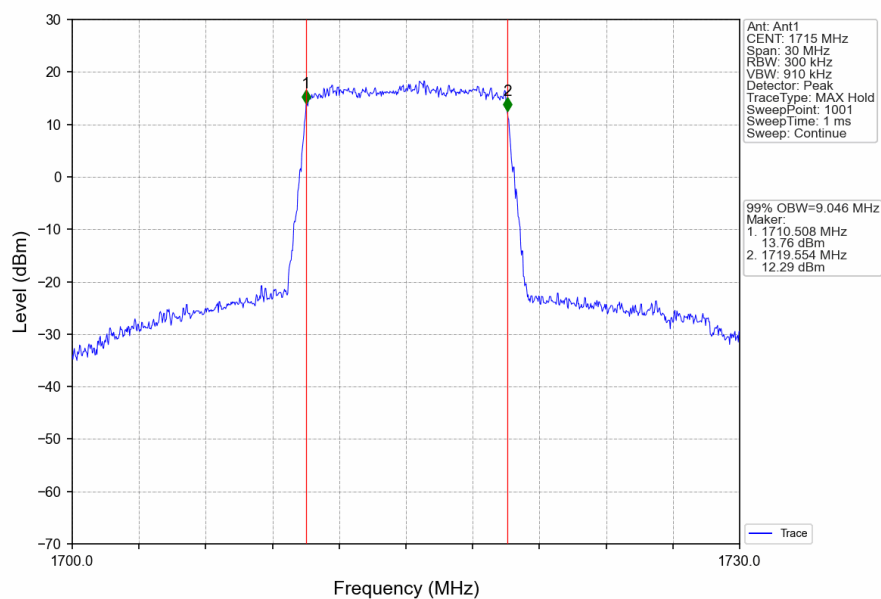
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



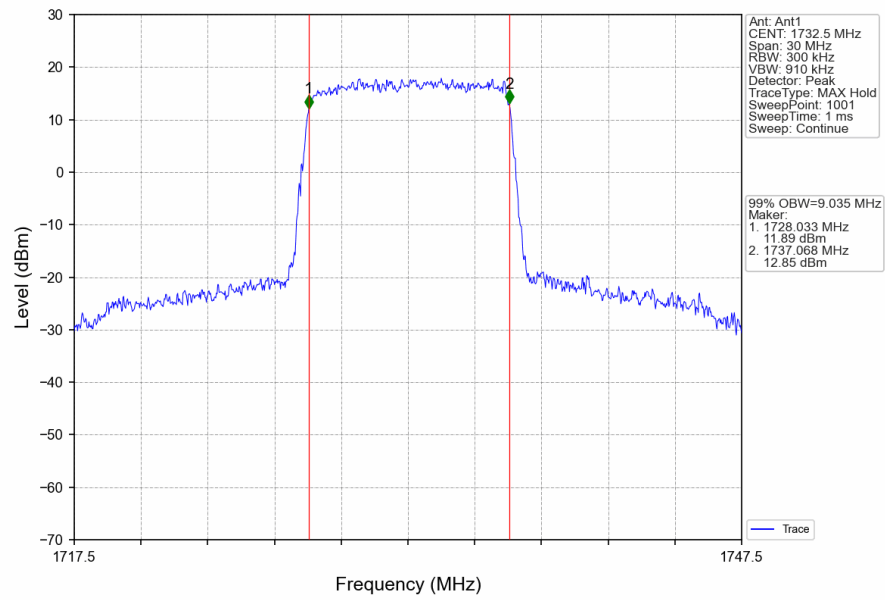
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



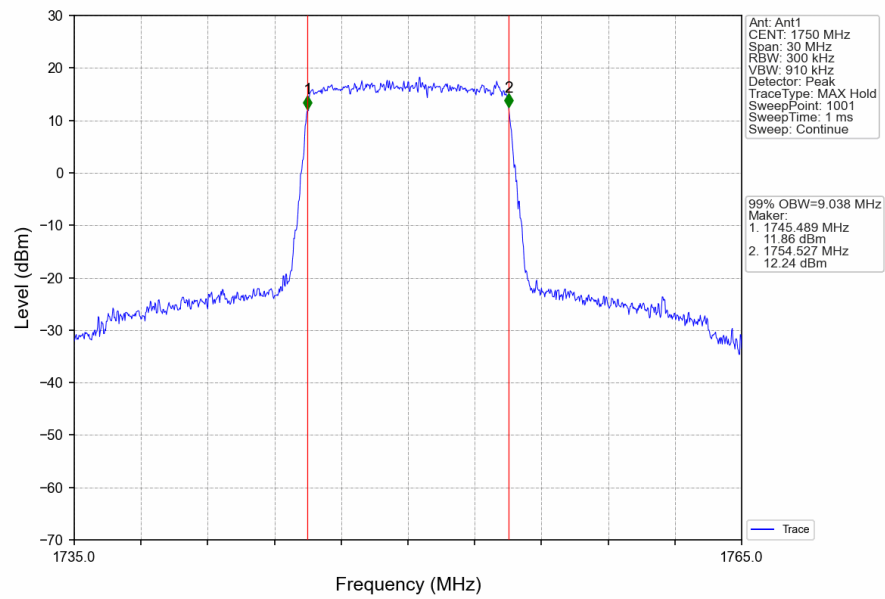
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



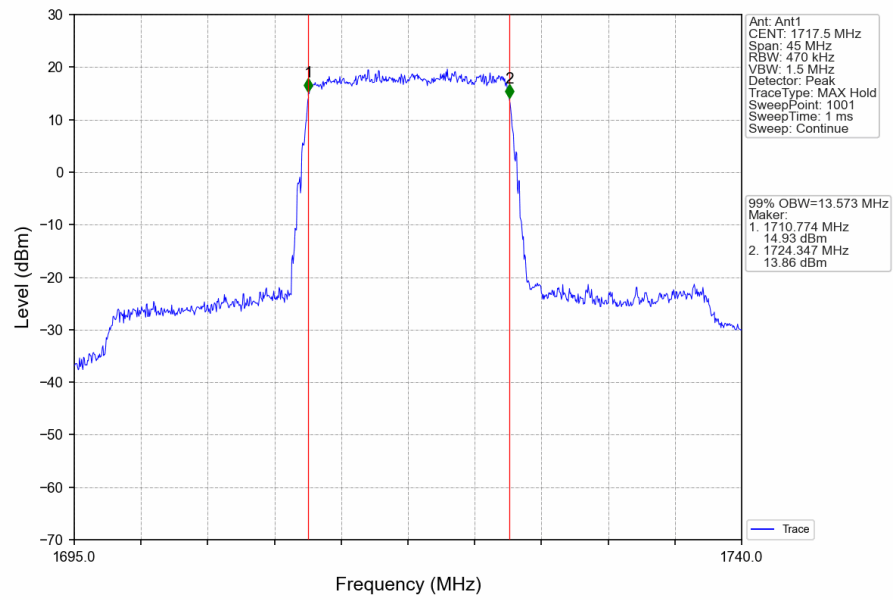
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



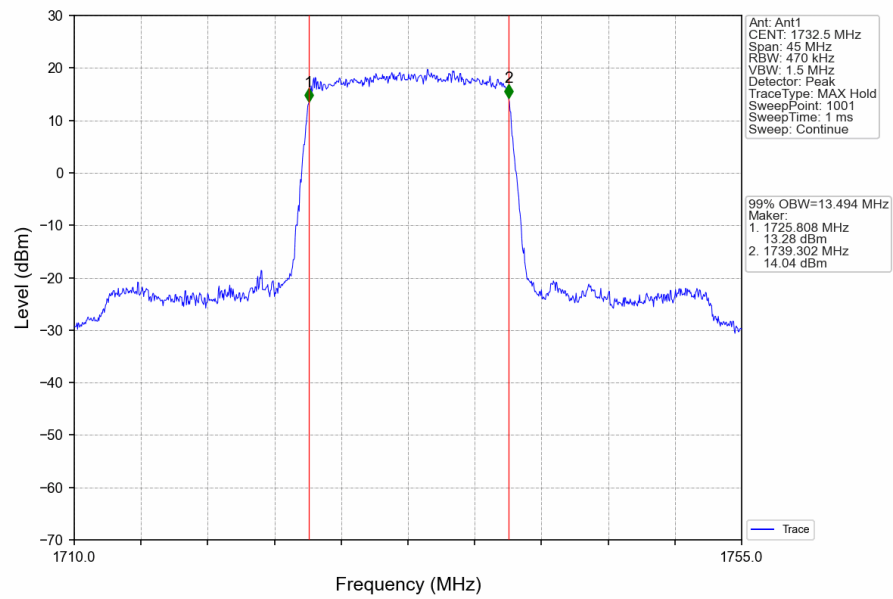
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



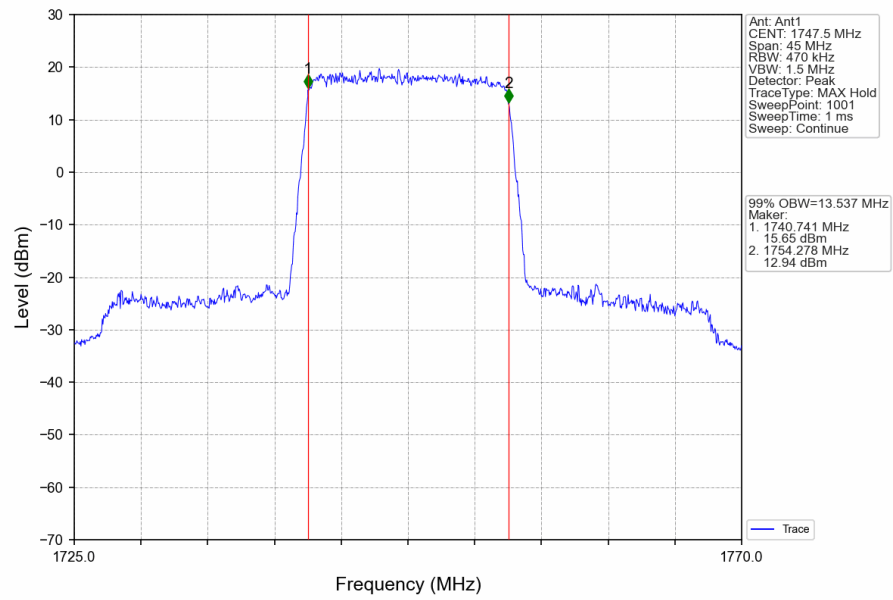
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



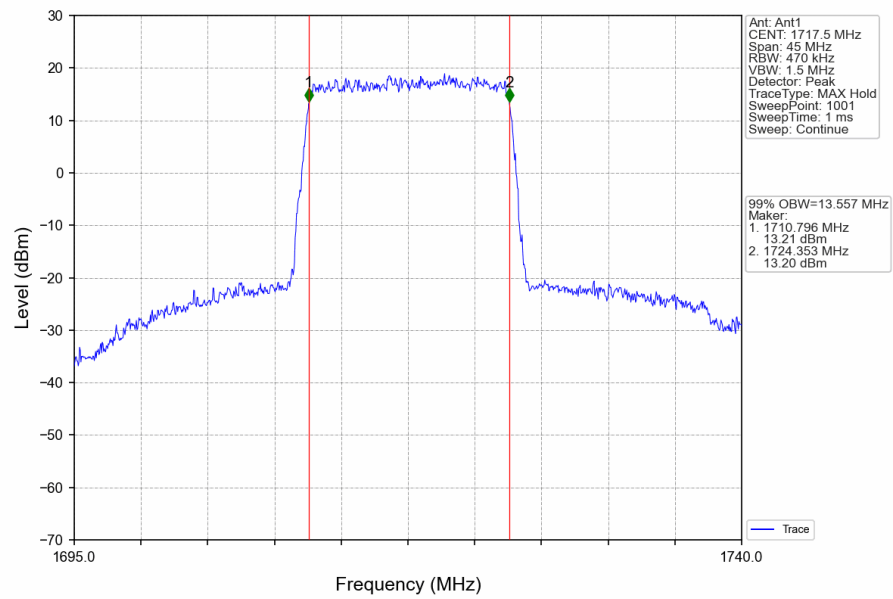
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



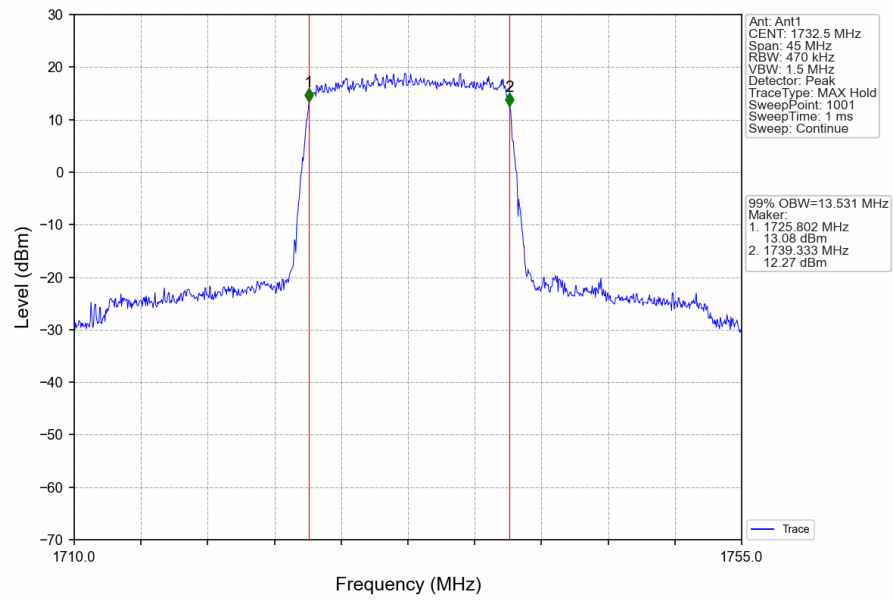
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



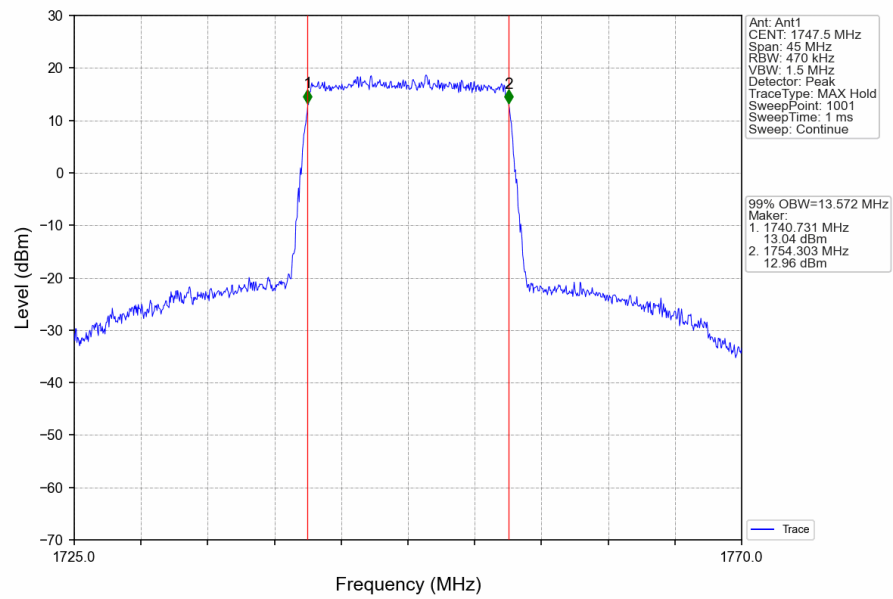
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



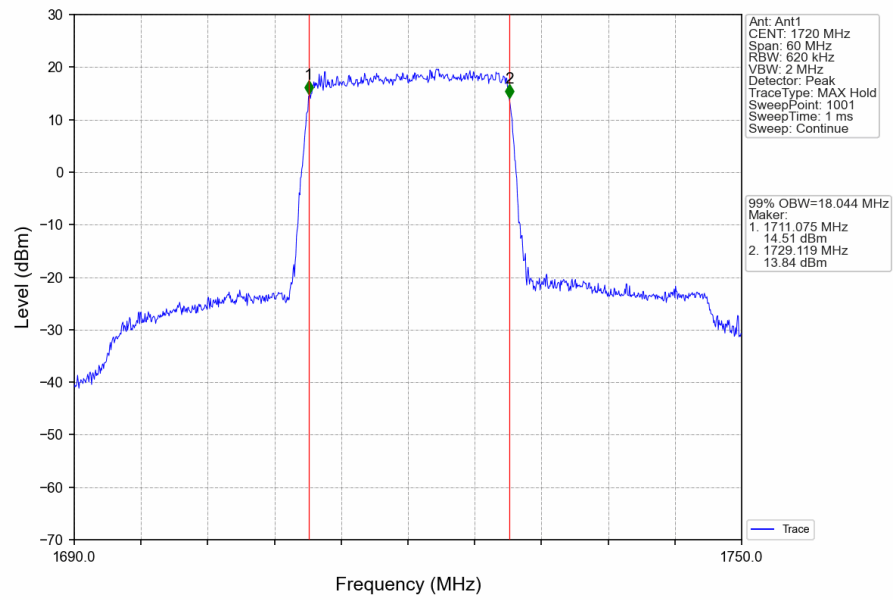
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



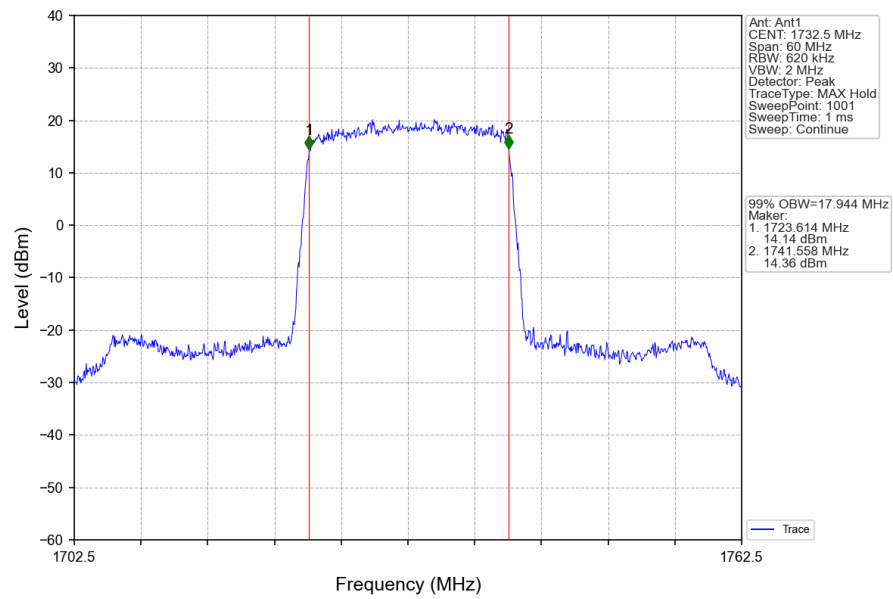
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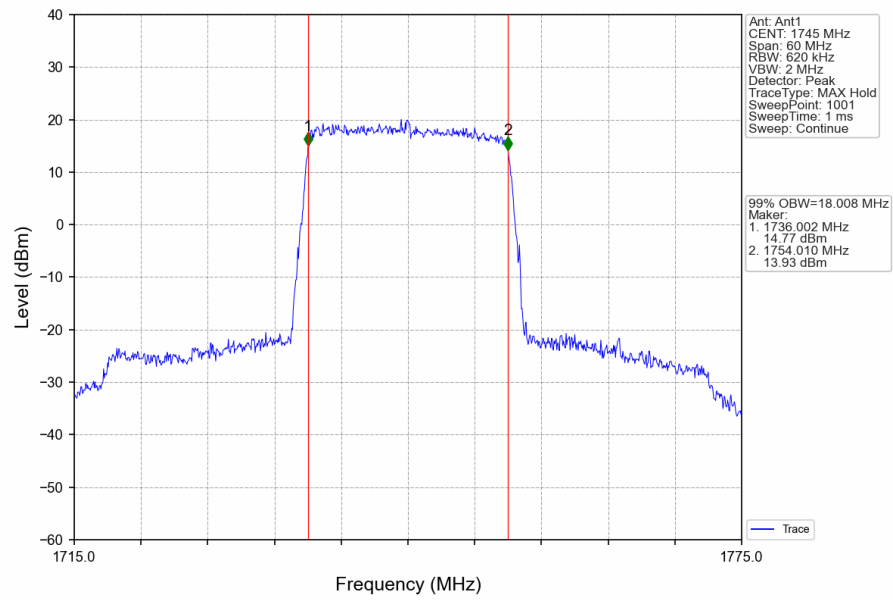
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



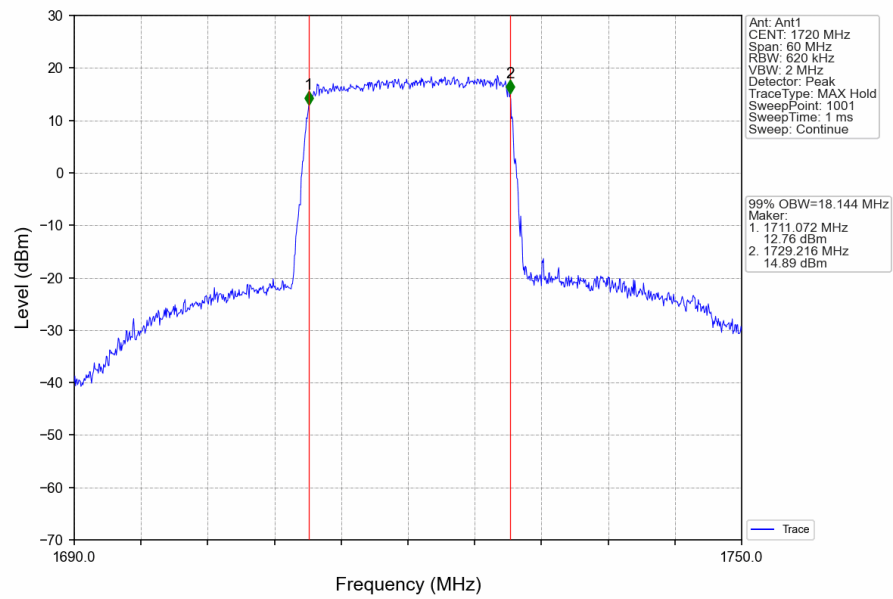
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



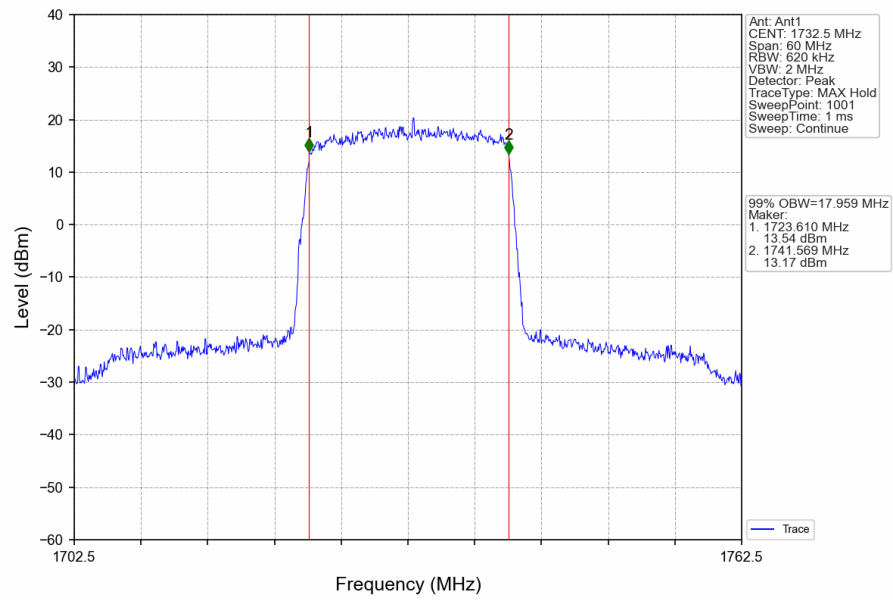
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



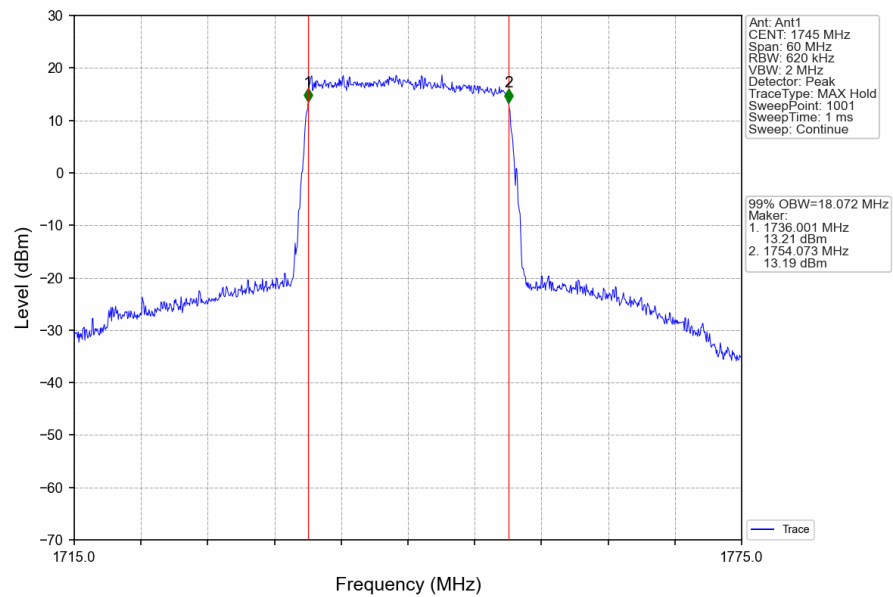
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5.2 Band4_XDB

5.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.334	Pass
		1732.5	6	0	1.323	Pass
		1754.3	6	0	1.326	Pass
	16QAM	1710.7	6	0	1.308	Pass
		1732.5	6	0	1.328	Pass
		1754.3	6	0	1.305	Pass
3	QPSK	1711.5	15	0	3.068	Pass
		1732.5	15	0	3.048	Pass
		1753.5	15	0	3.059	Pass
	16QAM	1711.5	15	0	3.025	Pass
		1732.5	15	0	3.055	Pass
		1753.5	15	0	3.057	Pass
5	QPSK	1712.5	25	0	5.062	Pass
		1732.5	25	0	5.121	Pass
		1752.5	25	0	5.058	Pass
	16QAM	1712.5	25	0	5.062	Pass
		1732.5	25	0	5.108	Pass
		1752.5	25	0	5.102	Pass
10	QPSK	1715	50	0	10.076	Pass
		1732.5	50	0	9.947	Pass
		1750	50	0	10.072	Pass
	16QAM	1715	50	0	10.014	Pass
		1732.5	50	0	9.945	Pass
		1750	50	0	9.982	Pass
15	QPSK	1717.5	75	0	15.050	Pass
		1732.5	75	0	14.888	Pass
		1747.5	75	0	14.961	Pass
	16QAM	1717.5	75	0	14.919	Pass
		1732.5	75	0	14.981	Pass
		1747.5	75	0	14.923	Pass
20	QPSK	1720	100	0	19.725	Pass
		1732.5	100	0	19.694	Pass
		1745	100	0	19.998	Pass
	16QAM	1720	100	0	19.789	Pass
		1732.5	100	0	19.715	Pass
		1745	100	0	19.852	Pass