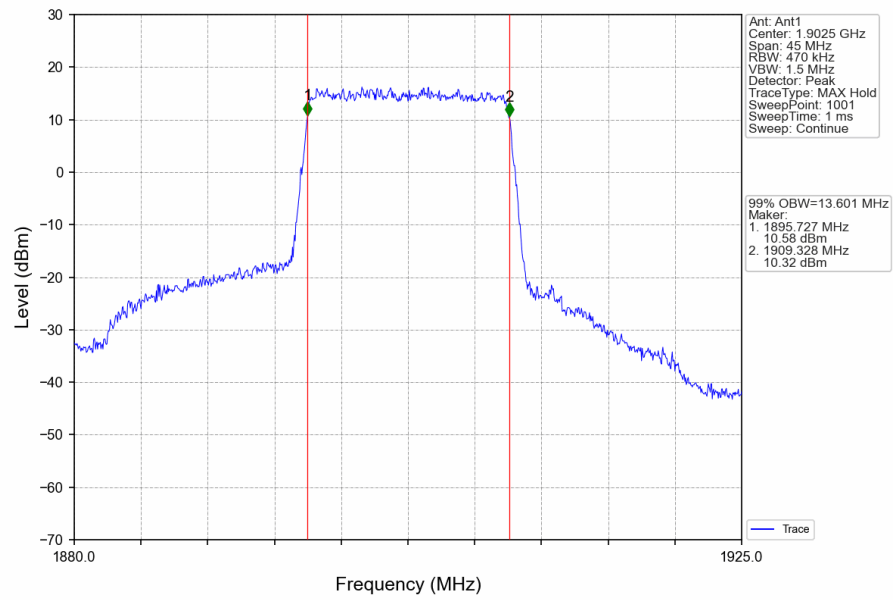
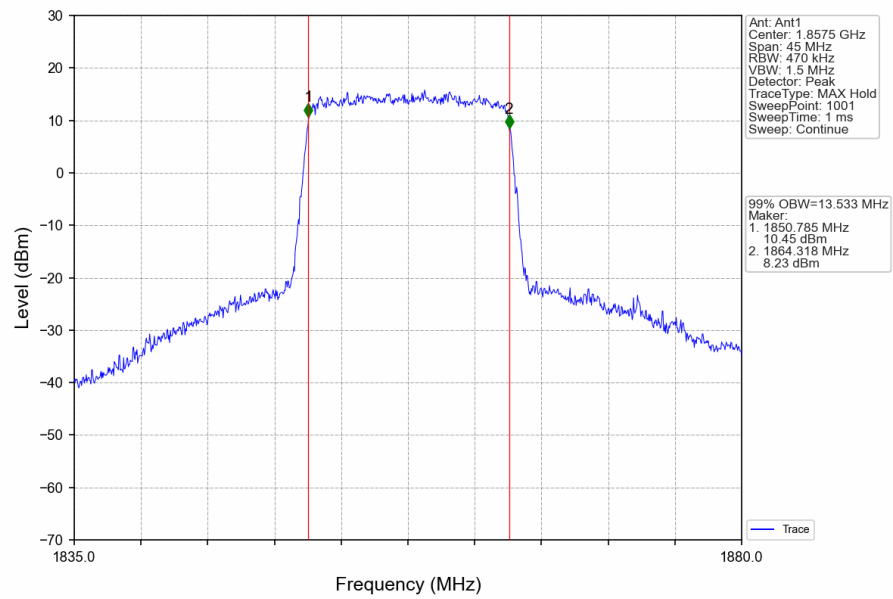


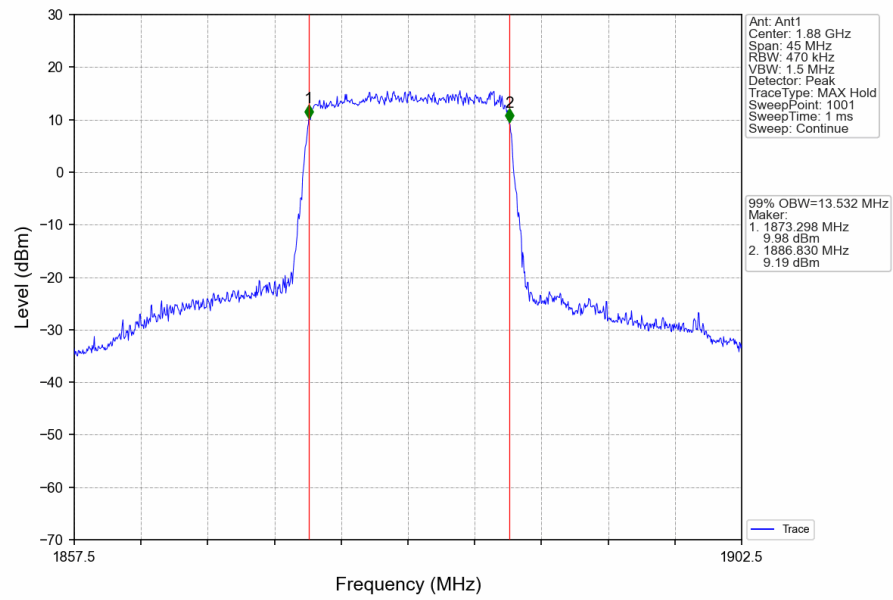
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



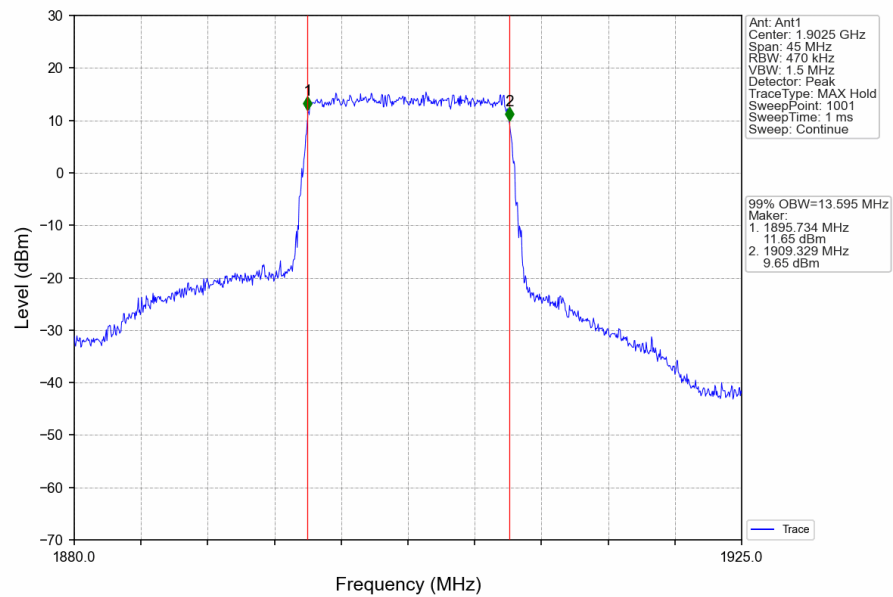
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



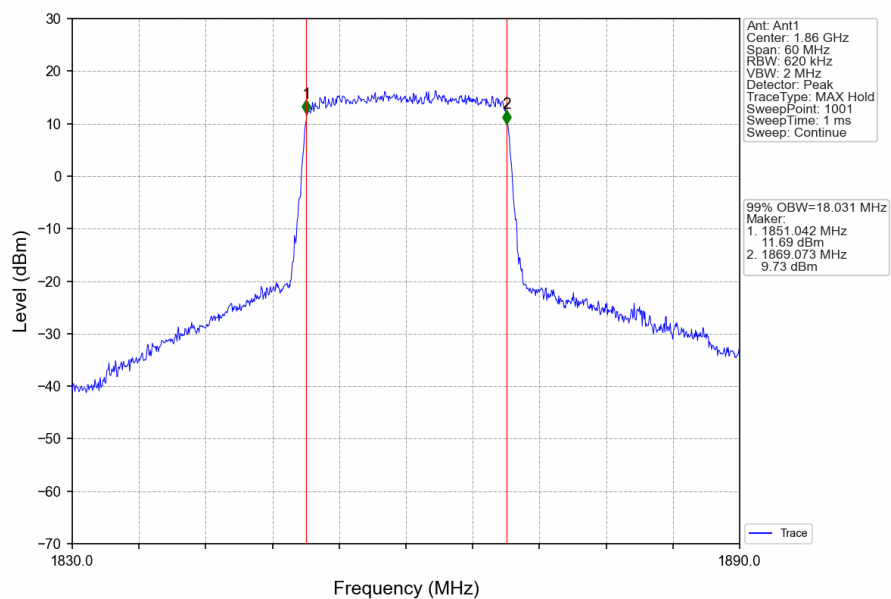
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



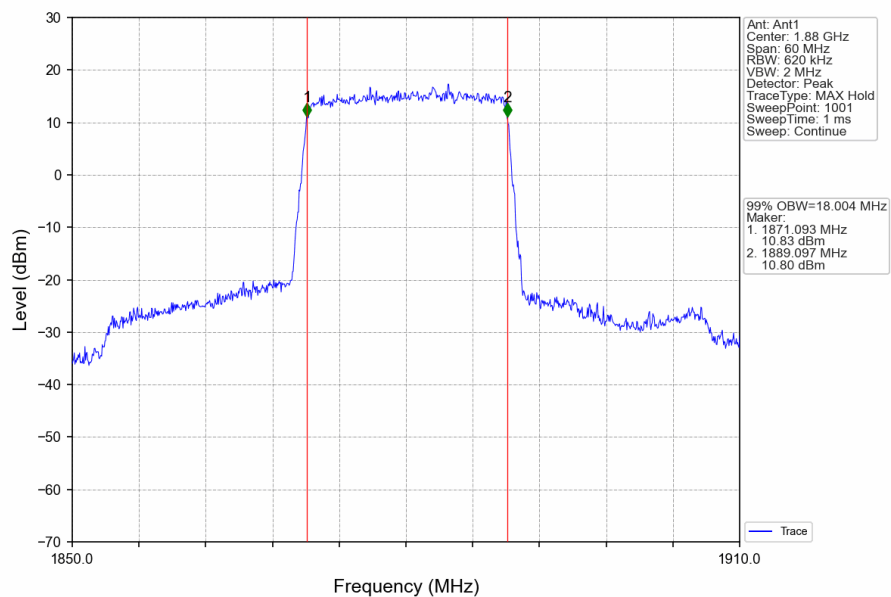
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



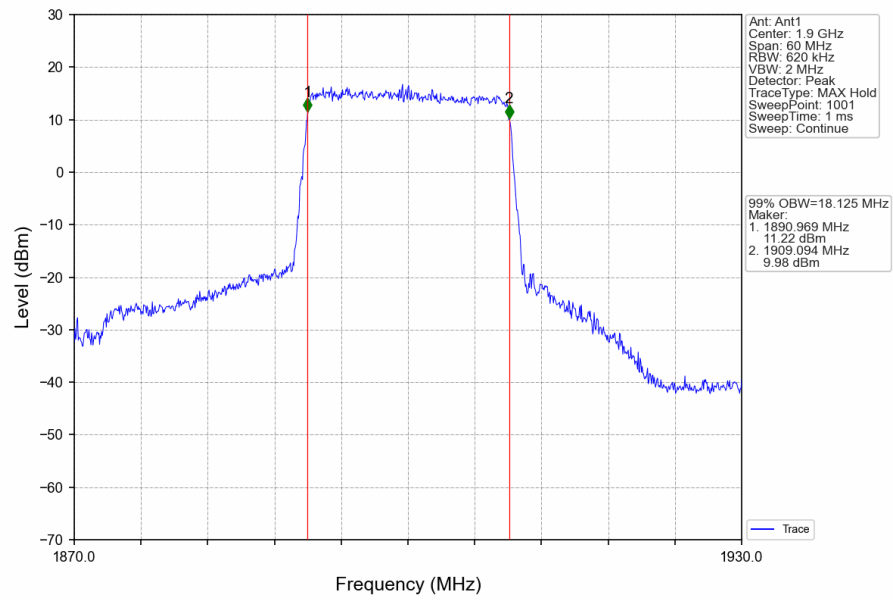
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



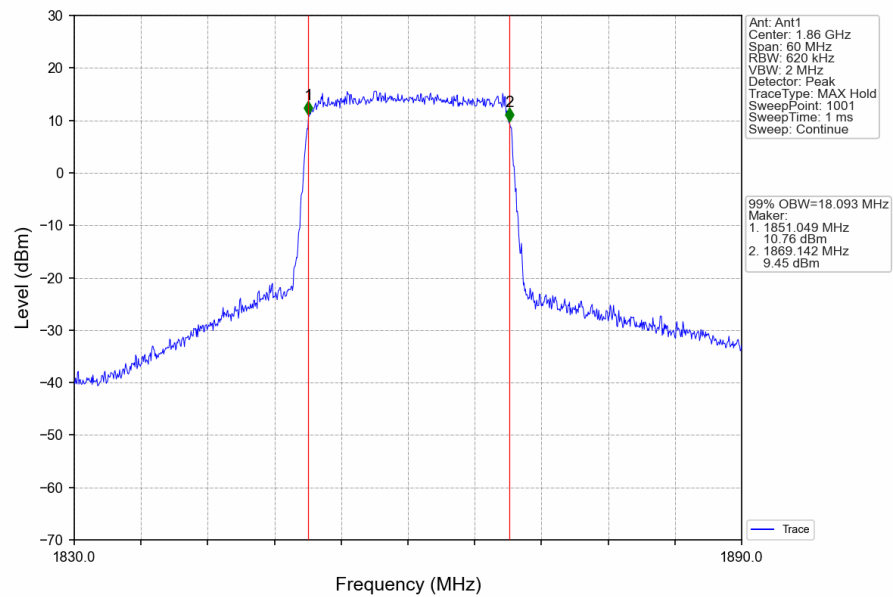
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



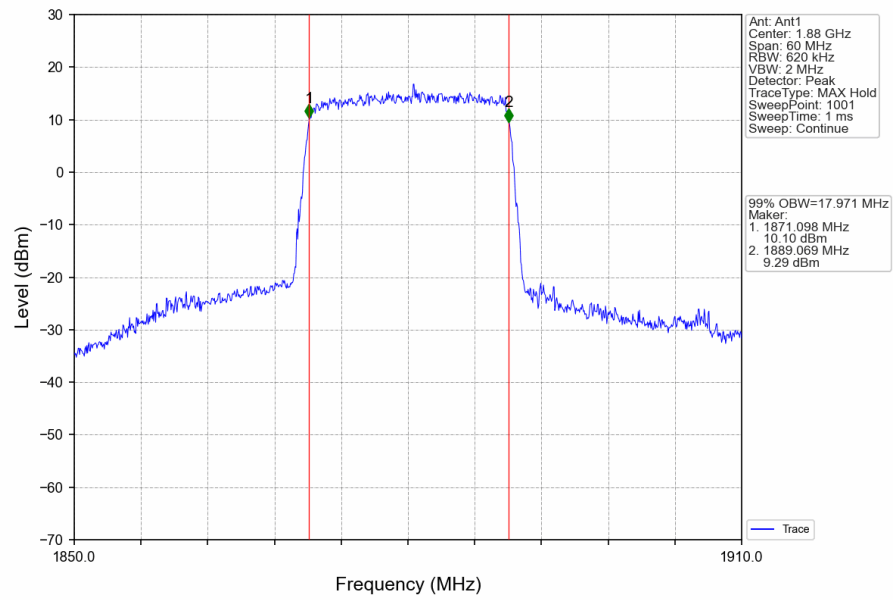
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



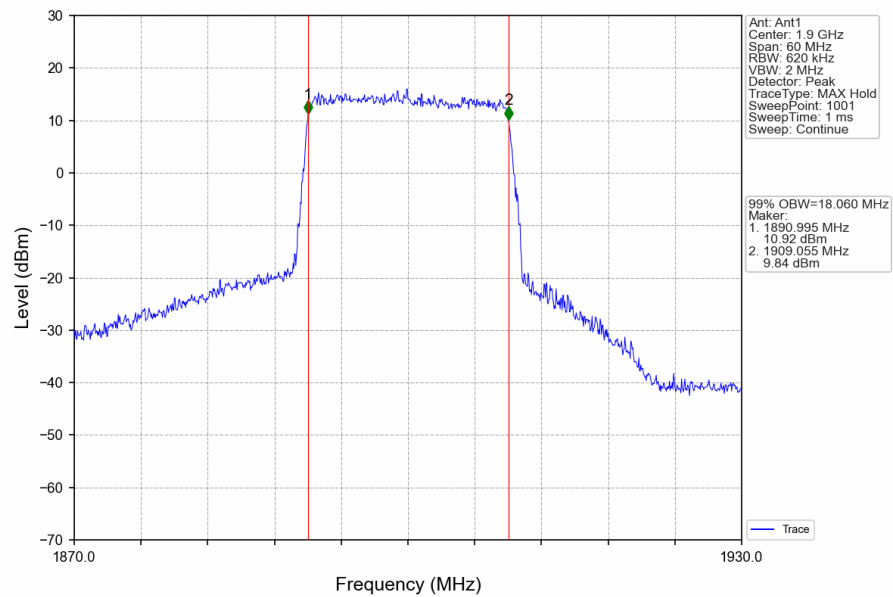
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

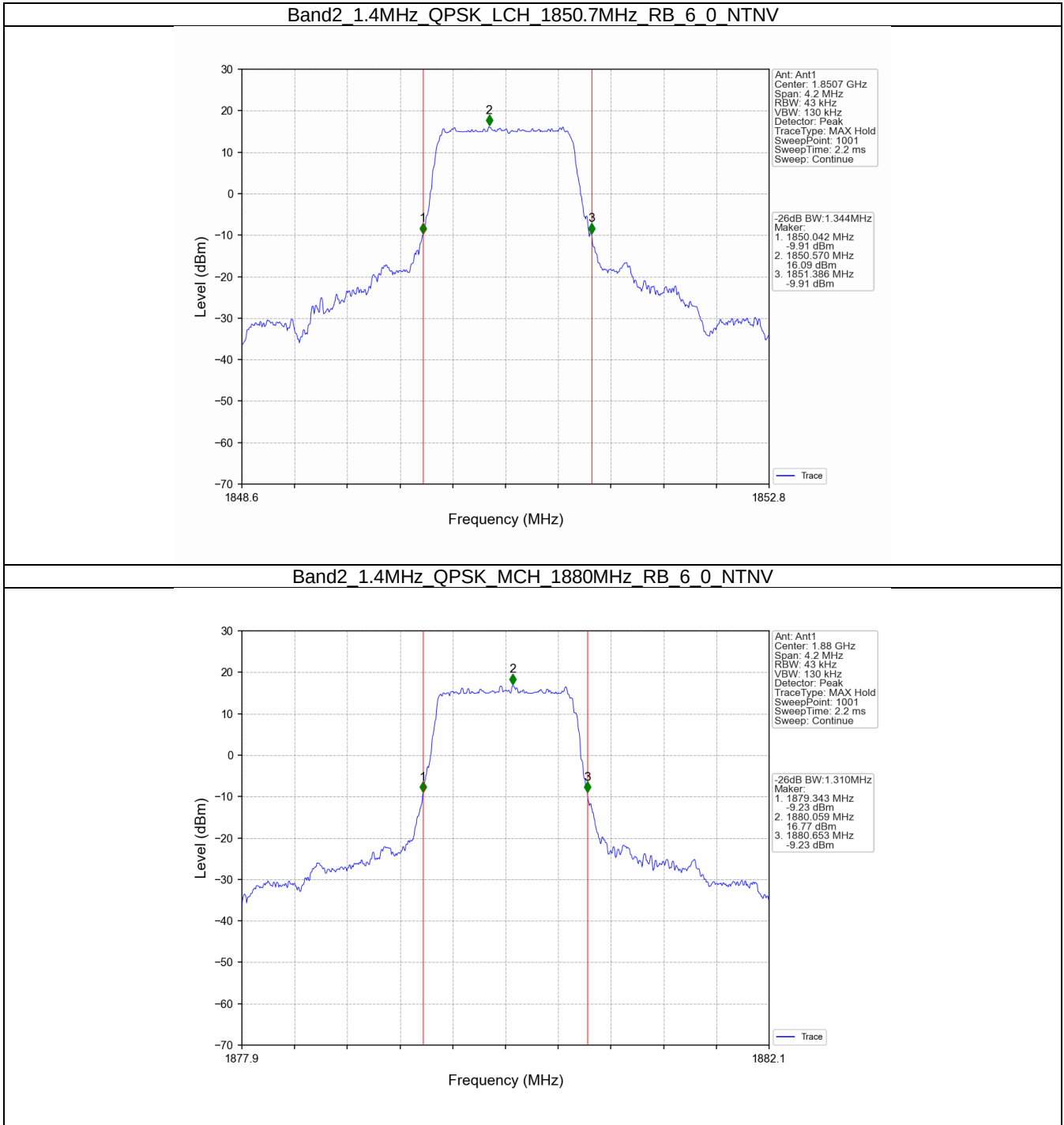


3.2 Band2_XDB

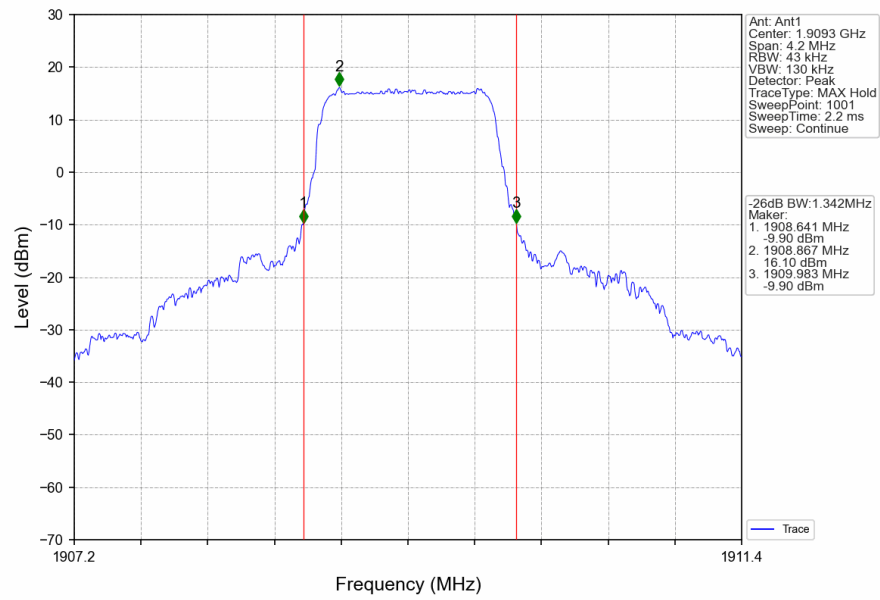
3.2.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.344	Pass
		1880	6	0	1.310	Pass
		1909.3	6	0	1.342	Pass
	16QAM	1850.7	6	0	1.340	Pass
		1880	6	0	1.325	Pass
		1909.3	6	0	1.355	Pass
3	QPSK	1851.5	15	0	3.074	Pass
		1880	15	0	3.035	Pass
		1908.5	15	0	3.060	Pass
	16QAM	1851.5	15	0	3.081	Pass
		1880	15	0	3.029	Pass
		1908.5	15	0	3.071	Pass
5	QPSK	1852.5	25	0	5.082	Pass
		1880	25	0	5.060	Pass
		1907.5	25	0	5.105	Pass
	16QAM	1852.5	25	0	5.059	Pass
		1880	25	0	5.122	Pass
		1907.5	25	0	5.119	Pass
10	QPSK	1855	50	0	10.053	Pass
		1880	50	0	10.022	Pass
		1905	50	0	10.083	Pass
	16QAM	1855	50	0	9.988	Pass
		1880	50	0	9.924	Pass
		1905	50	0	10.043	Pass
15	QPSK	1857.5	75	0	14.997	Pass
		1880	75	0	14.920	Pass
		1902.5	75	0	15.076	Pass
	16QAM	1857.5	75	0	14.934	Pass
		1880	75	0	15.001	Pass
		1902.5	75	0	14.994	Pass
20	QPSK	1860	100	0	19.786	Pass
		1880	100	0	19.659	Pass
		1900	100	0	19.879	Pass
	16QAM	1860	100	0	19.660	Pass
		1880	100	0	19.767	Pass
		1900	100	0	19.990	Pass

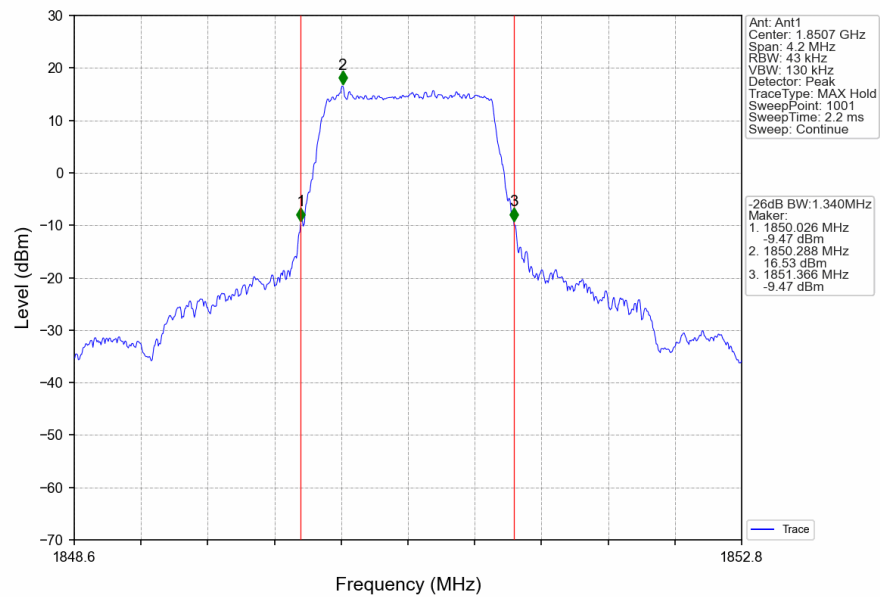
3.2.2 Test Graph



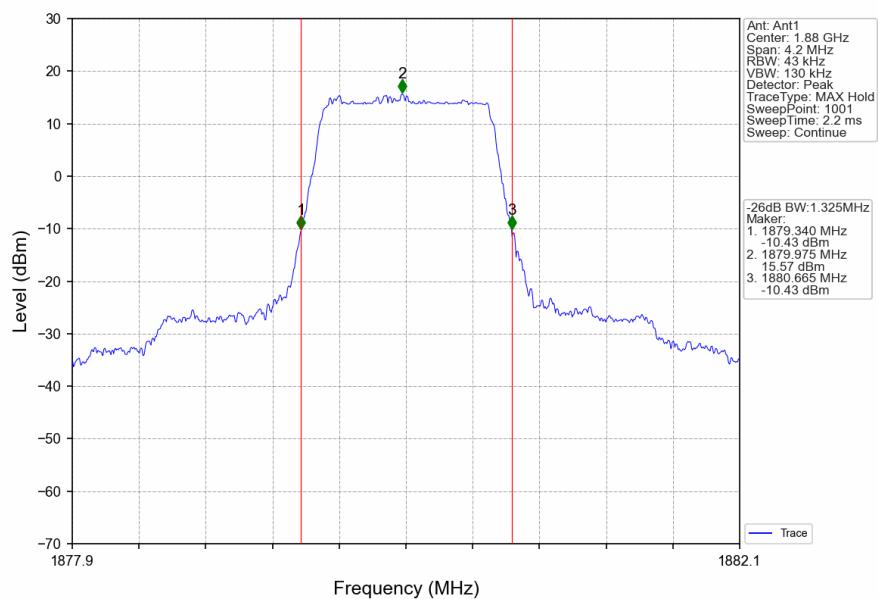
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



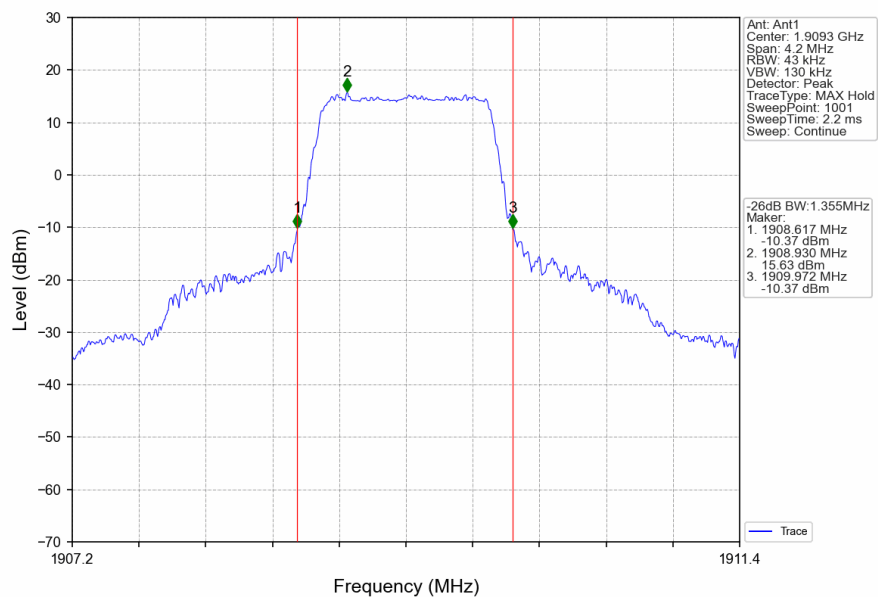
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



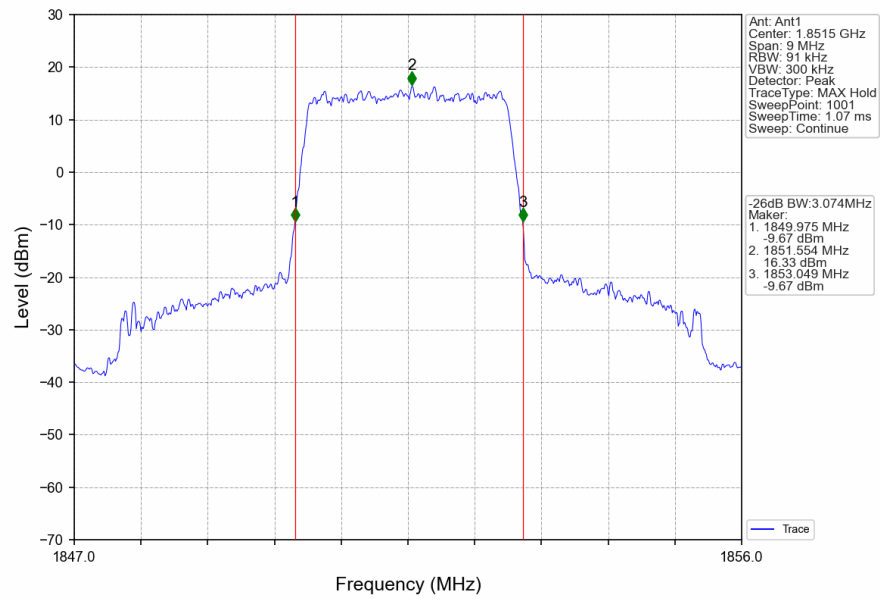
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



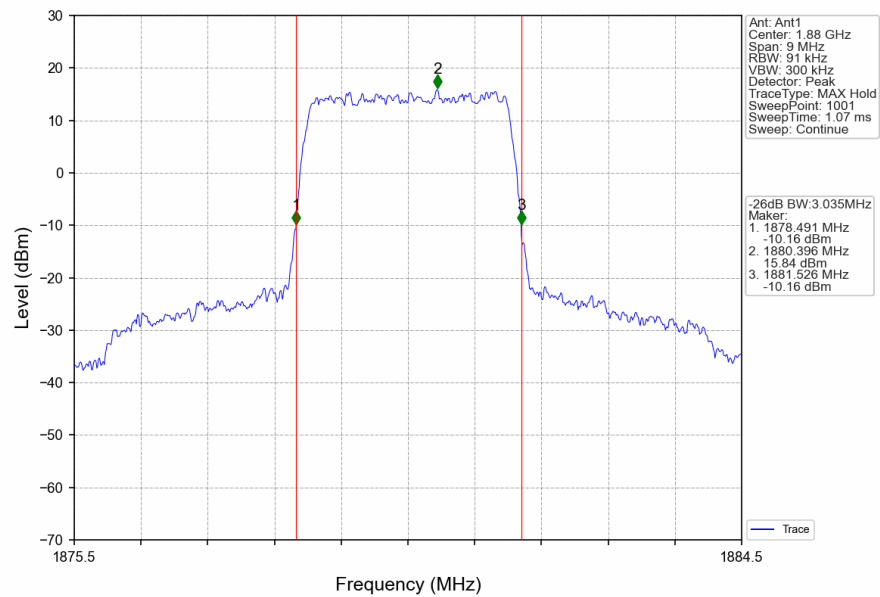
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



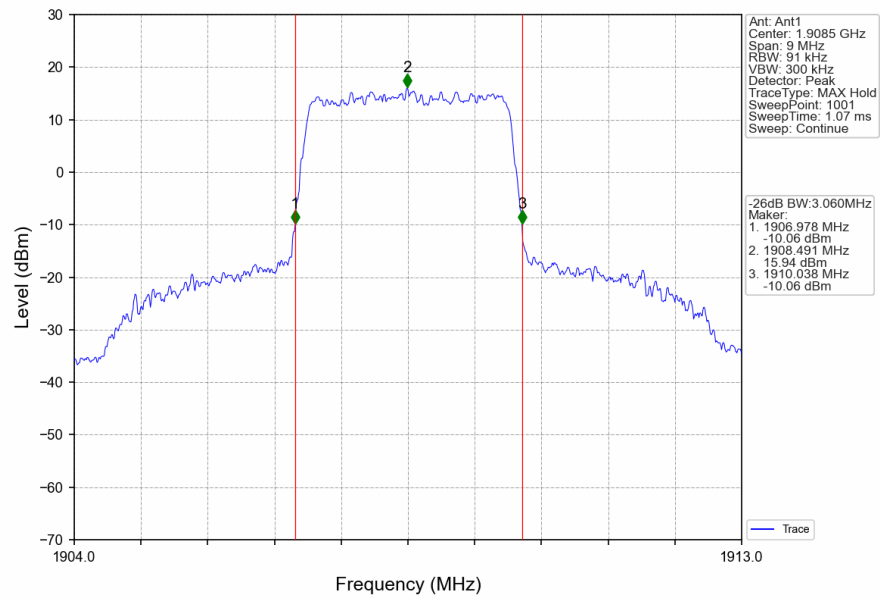
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



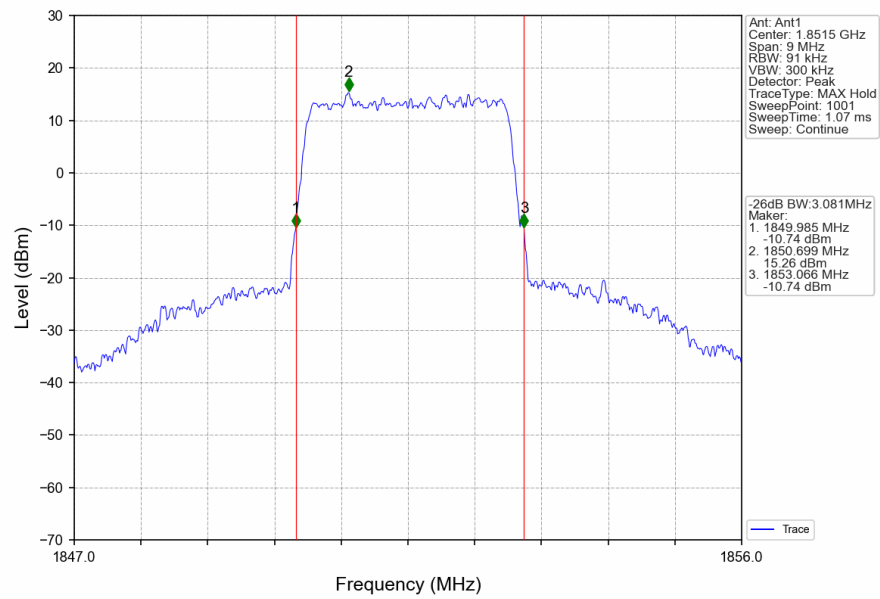
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



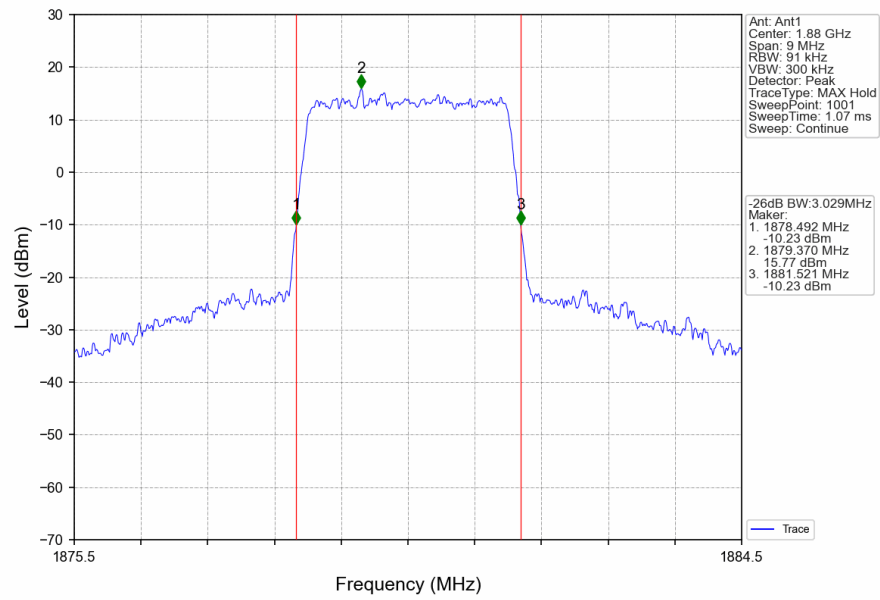
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



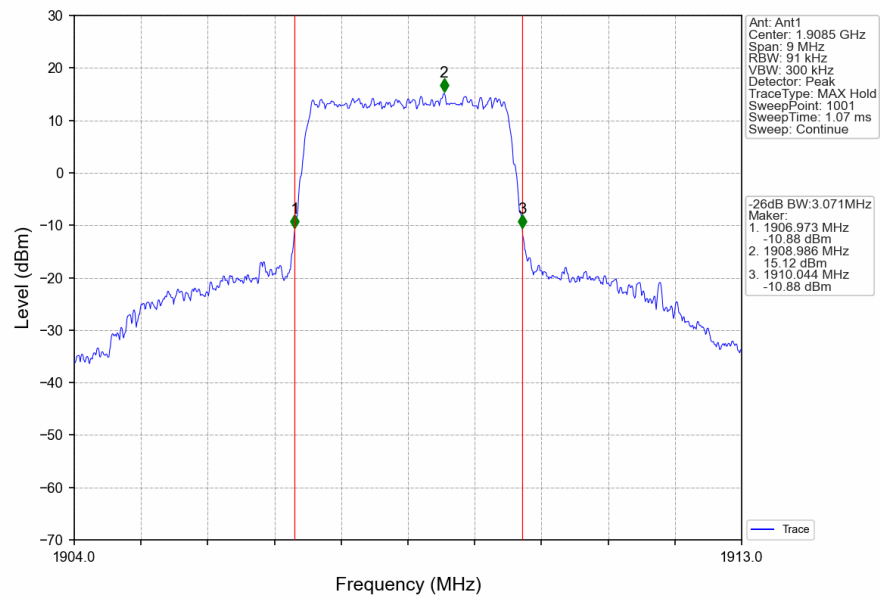
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



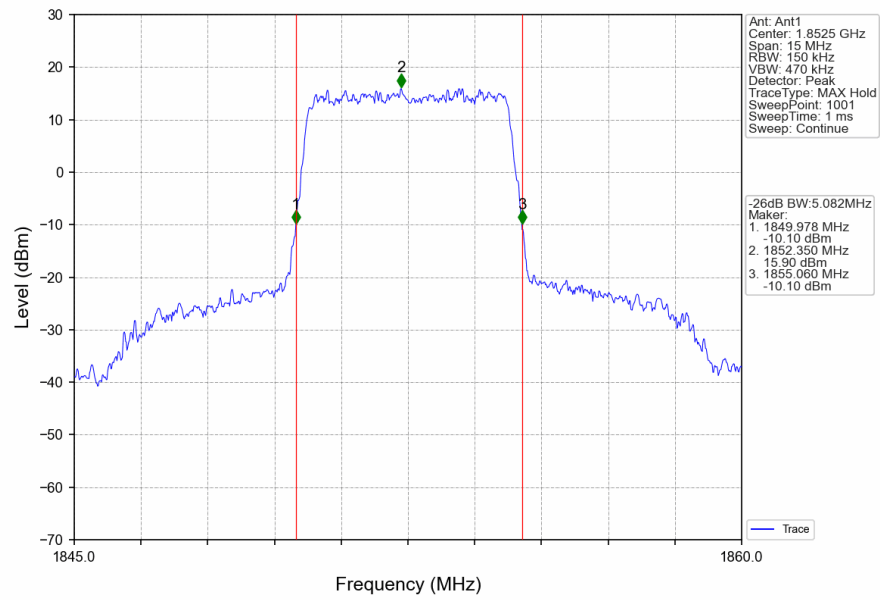
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



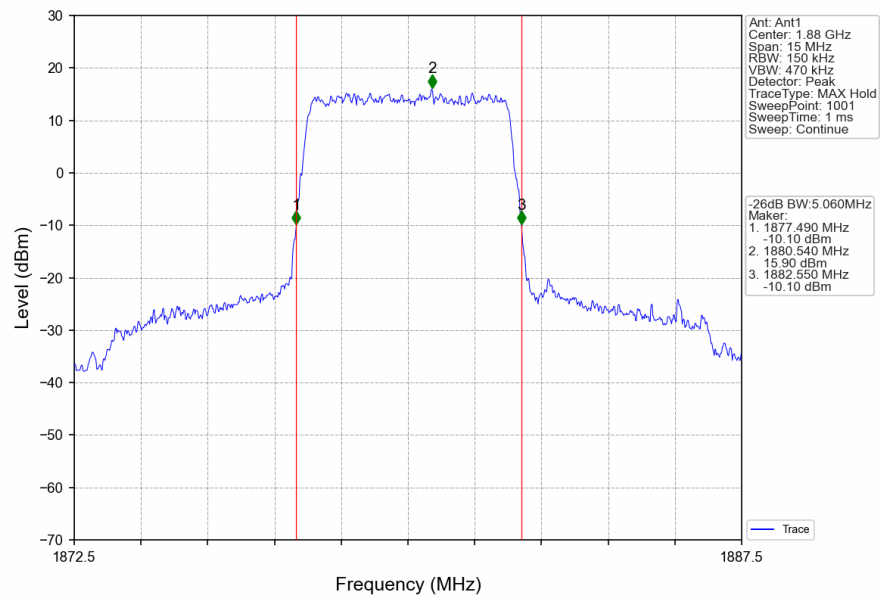
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



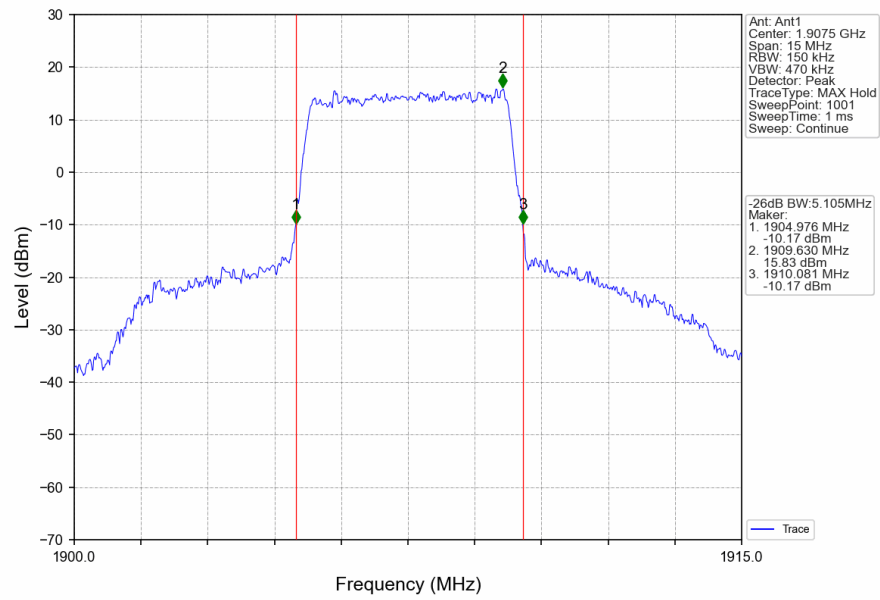
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



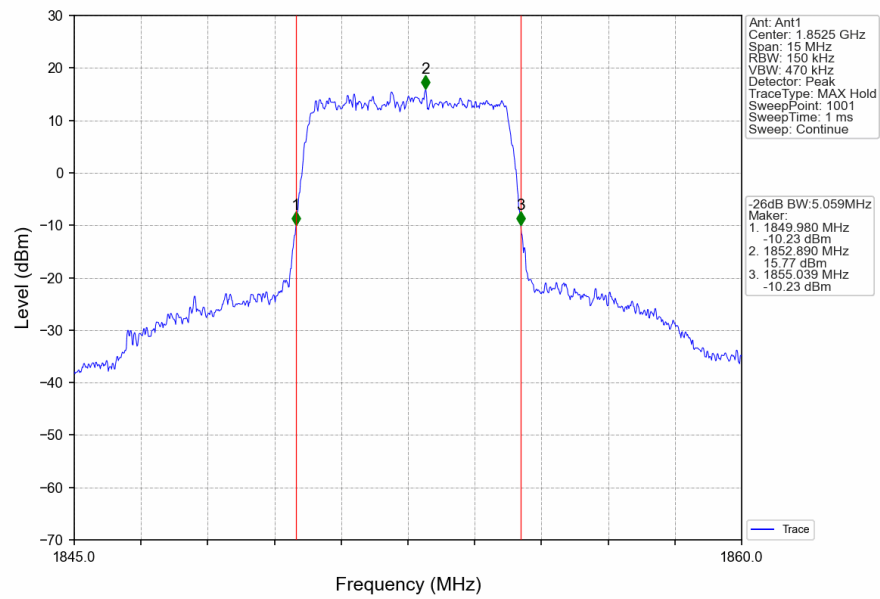
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



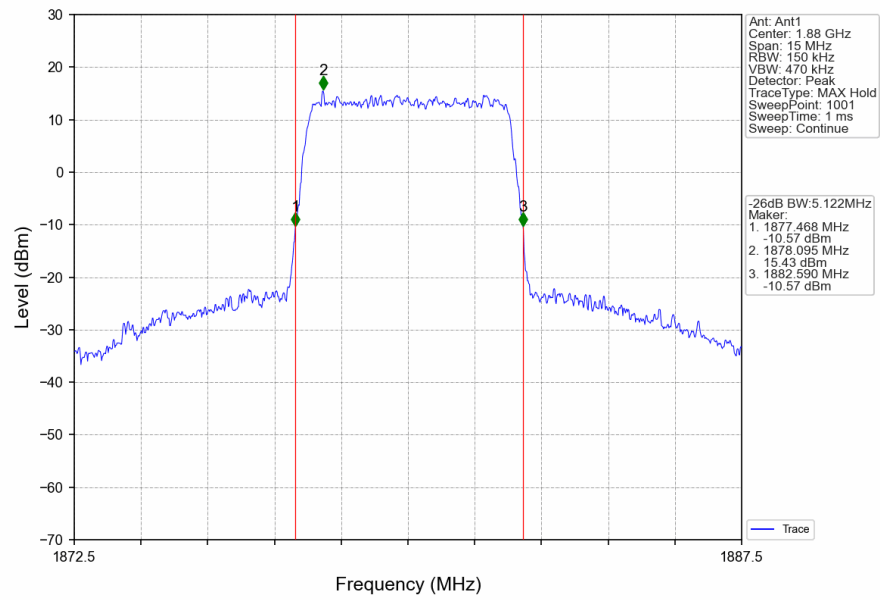
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



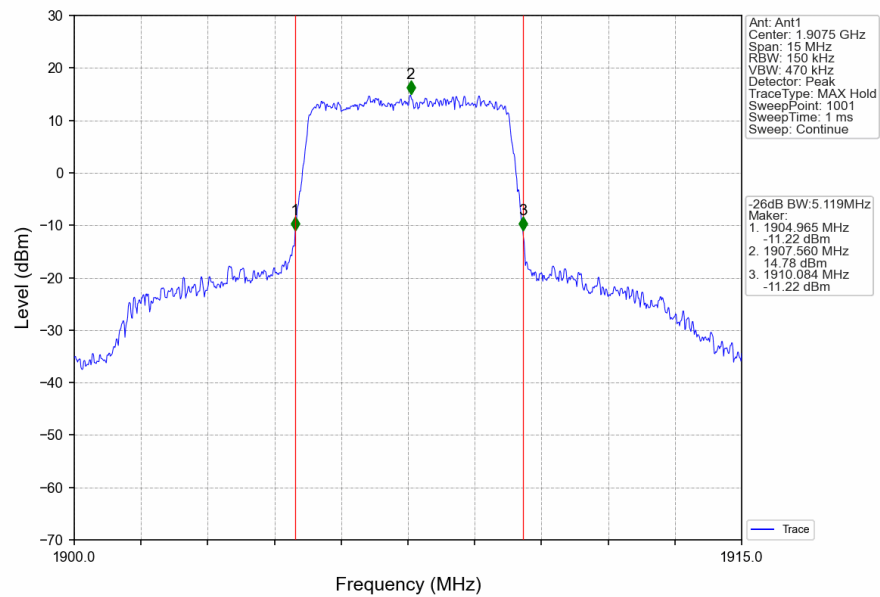
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



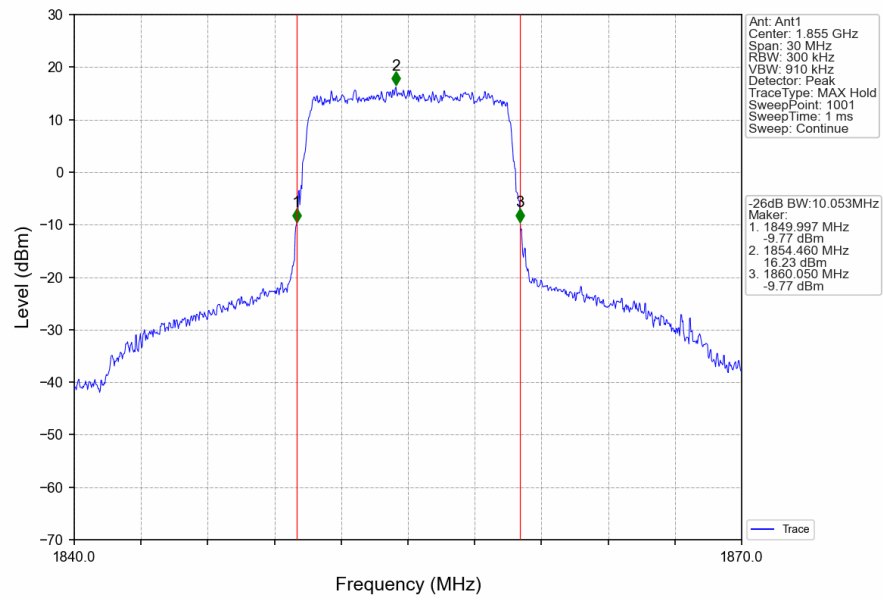
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



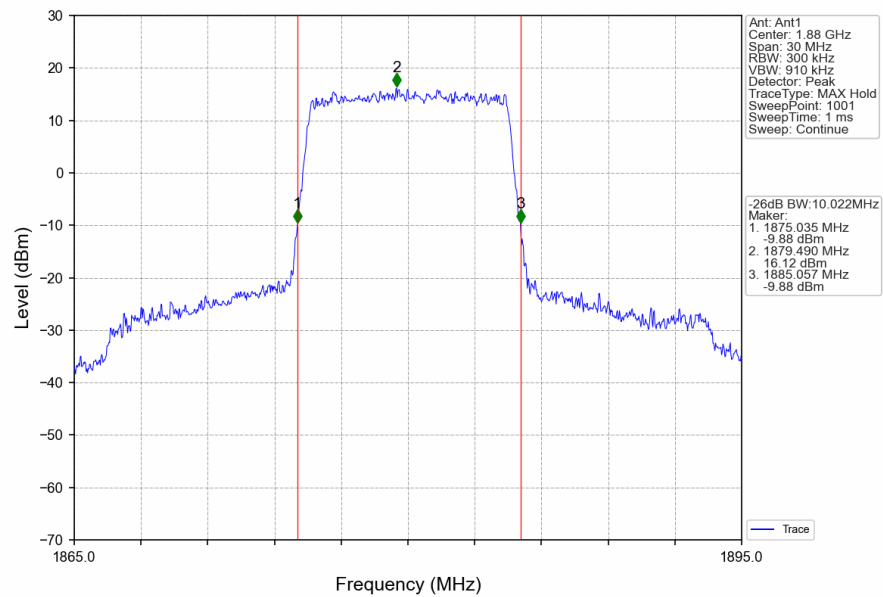
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



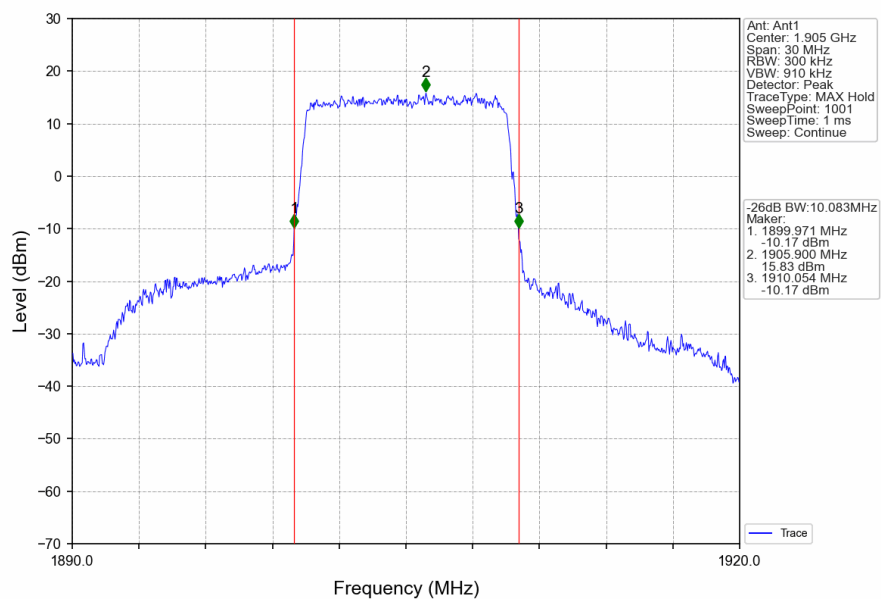
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



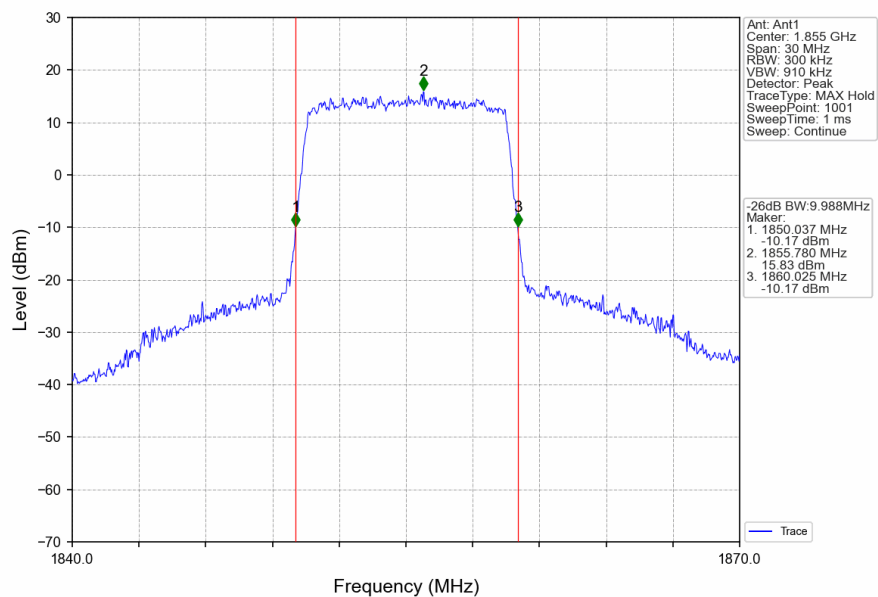
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



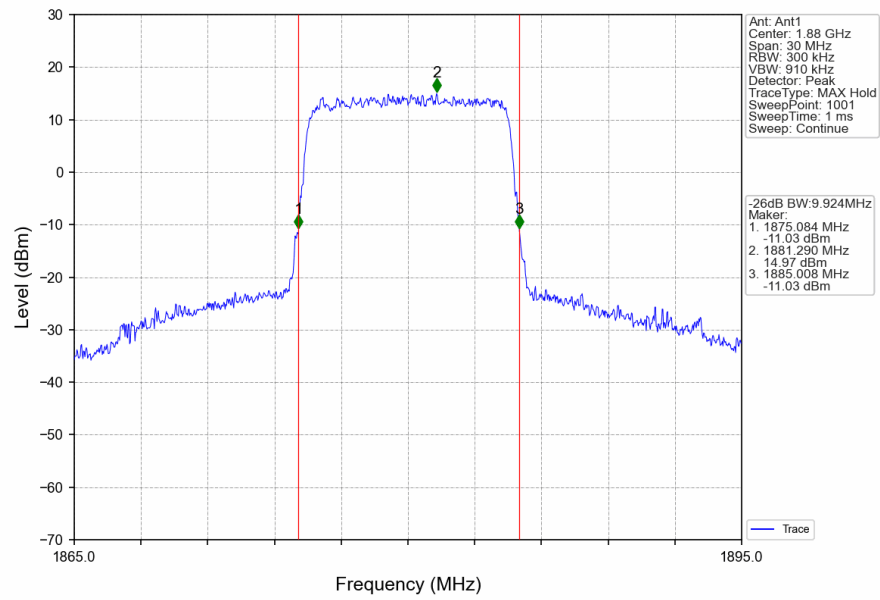
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



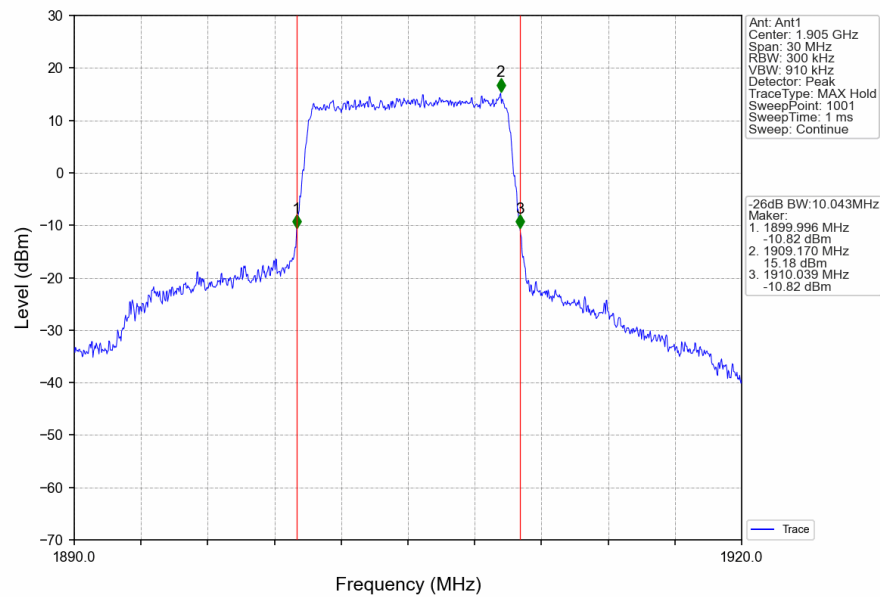
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



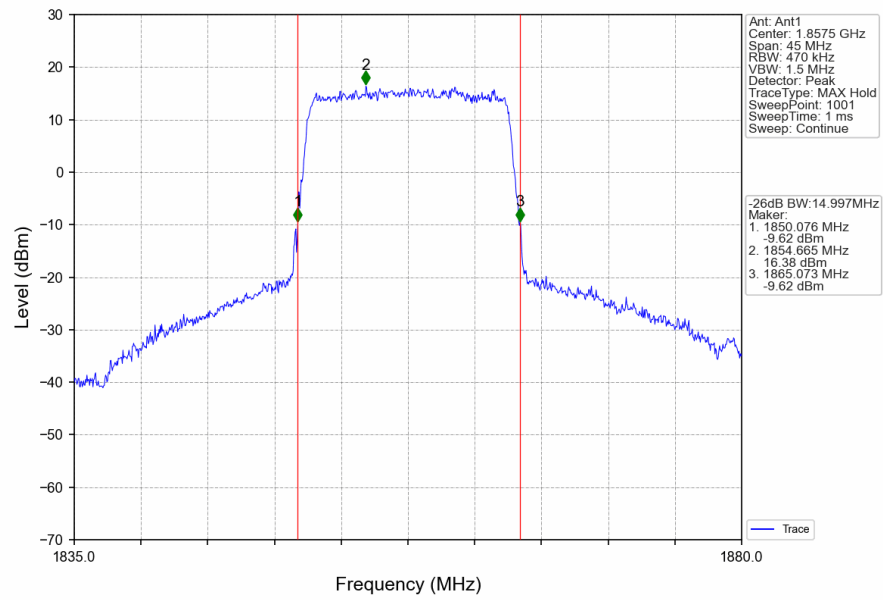
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



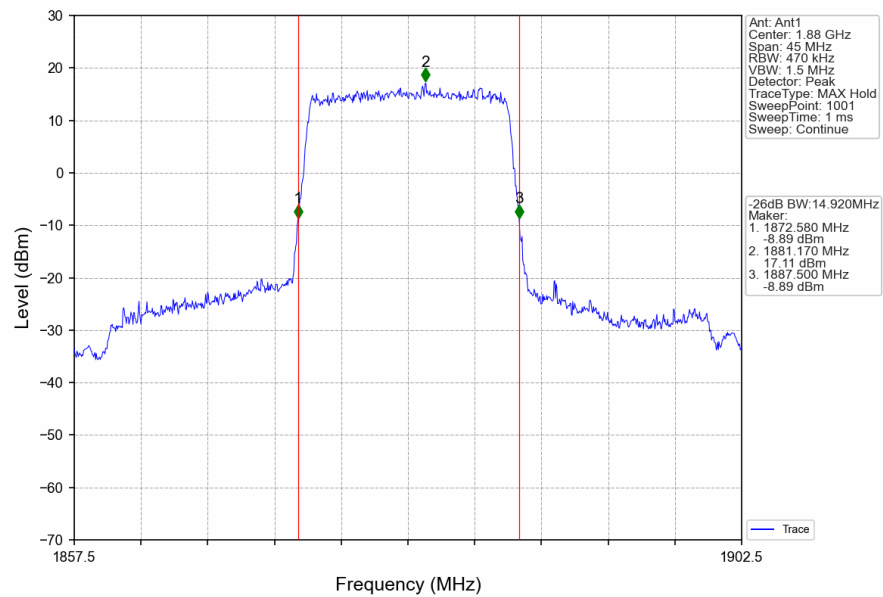
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



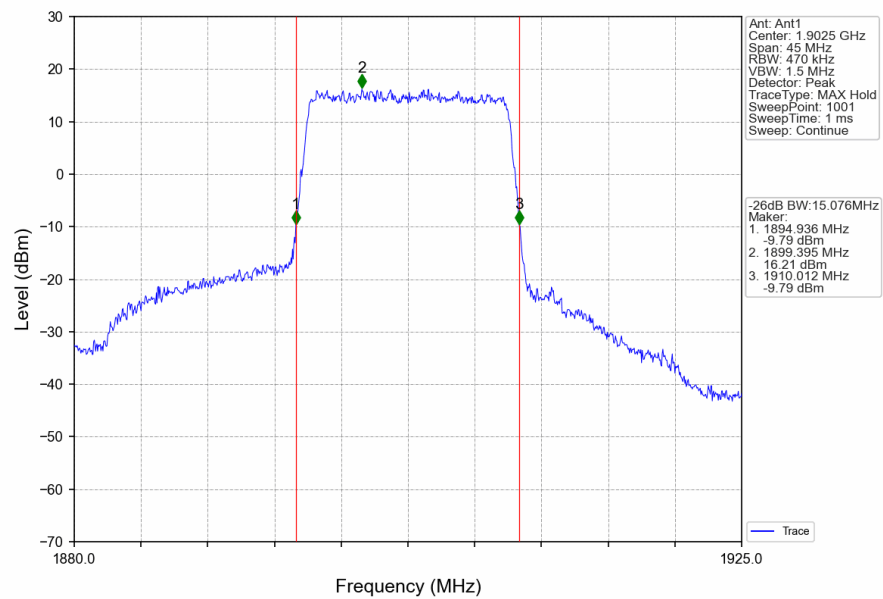
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



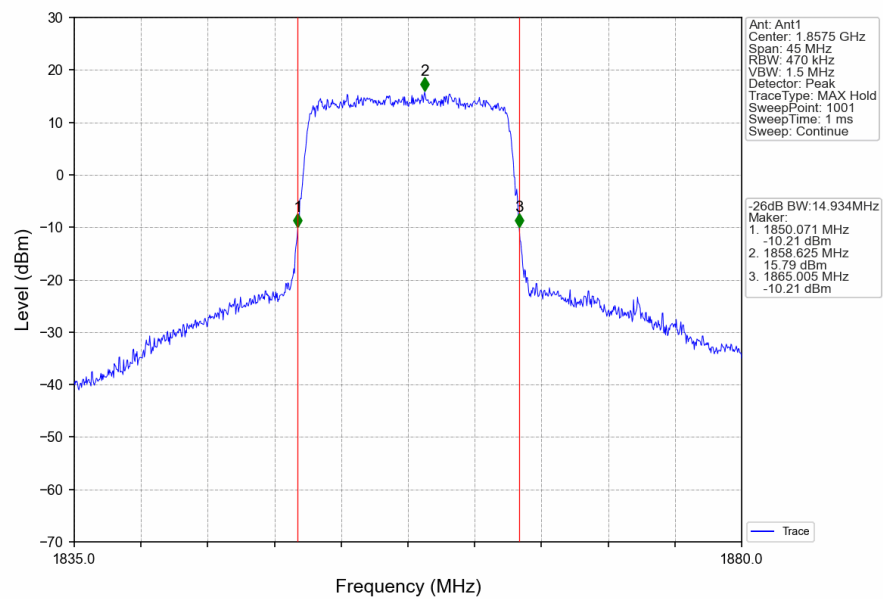
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



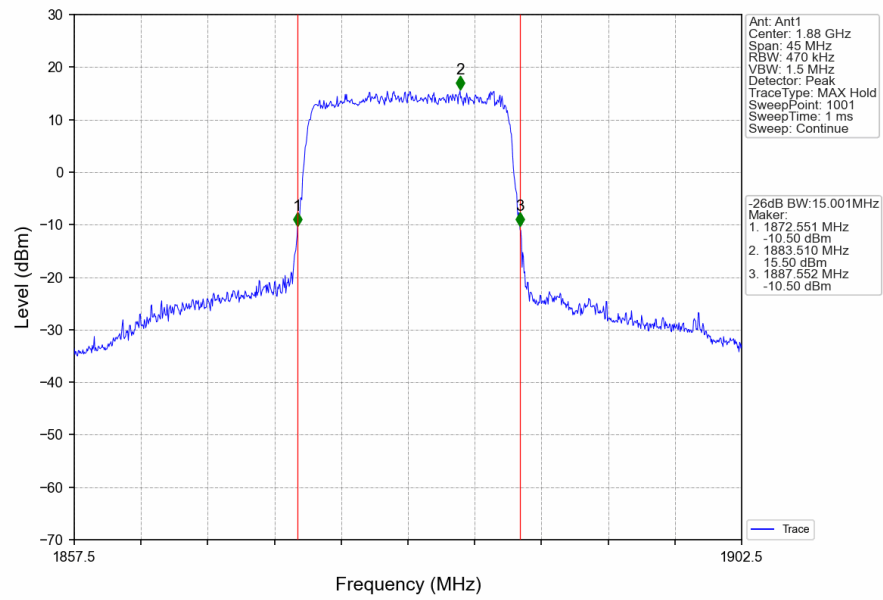
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



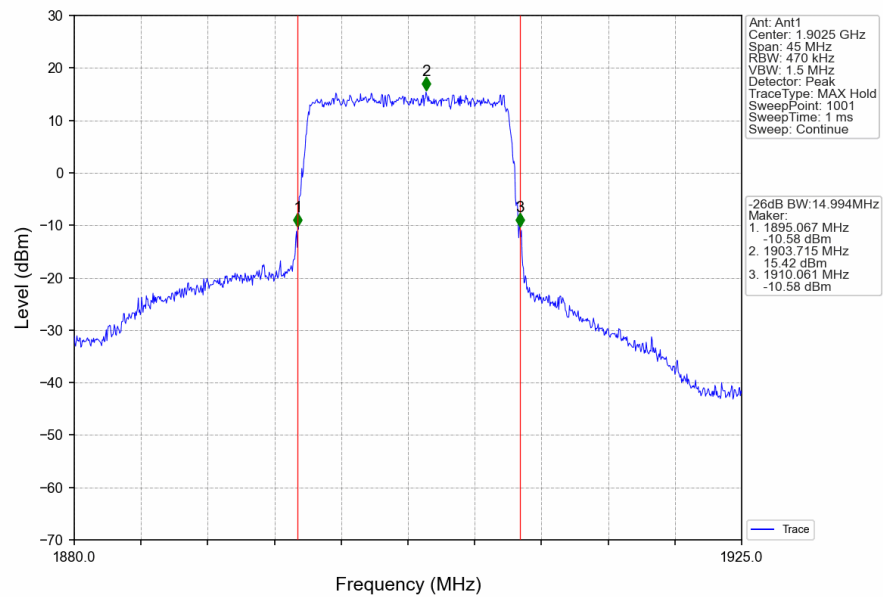
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



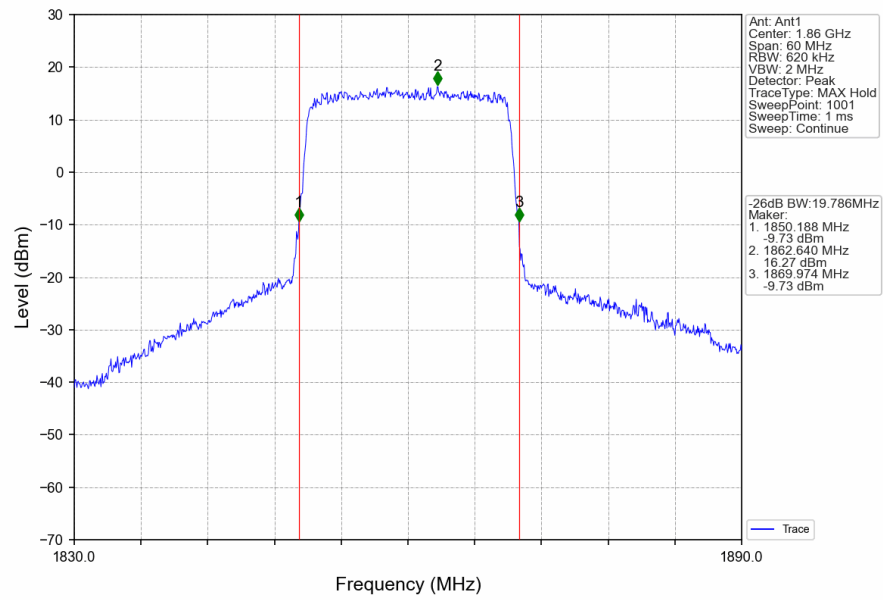
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



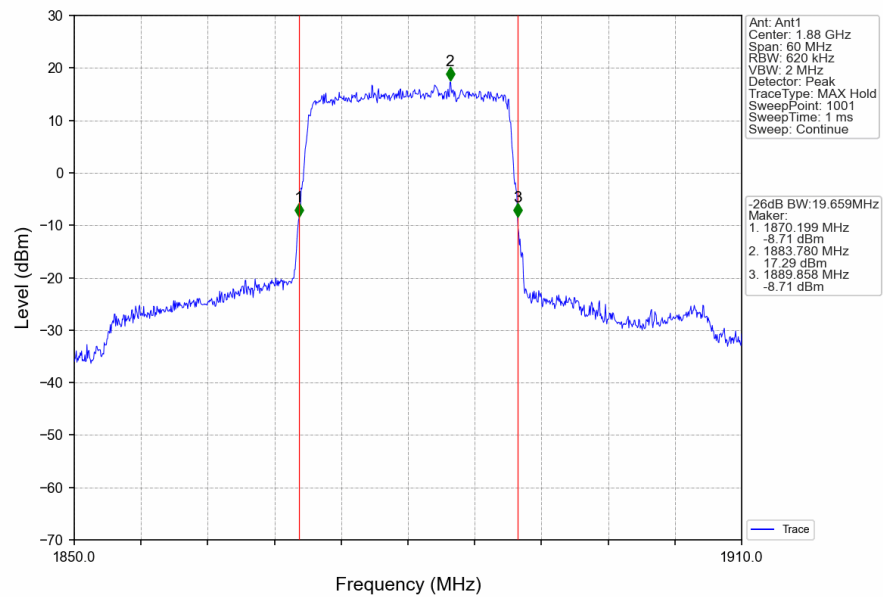
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



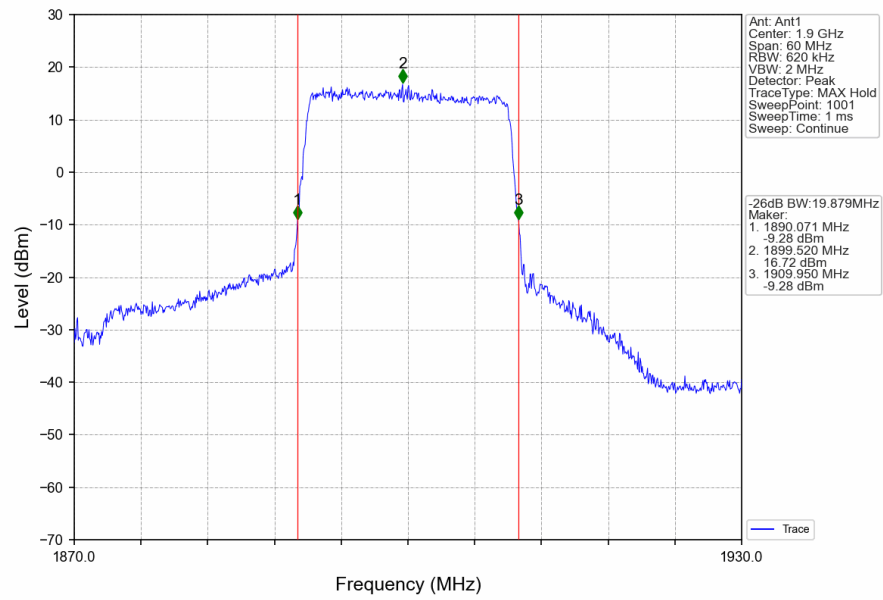
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



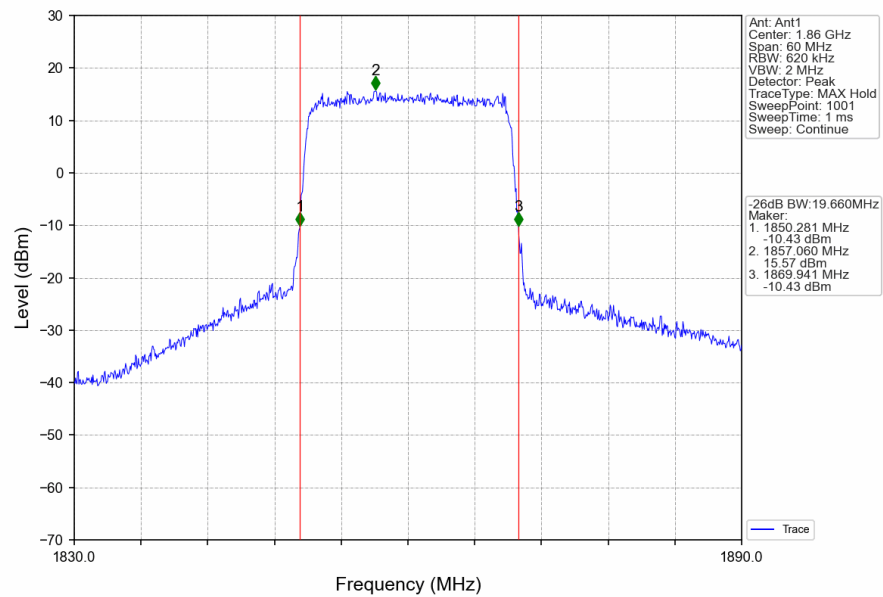
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



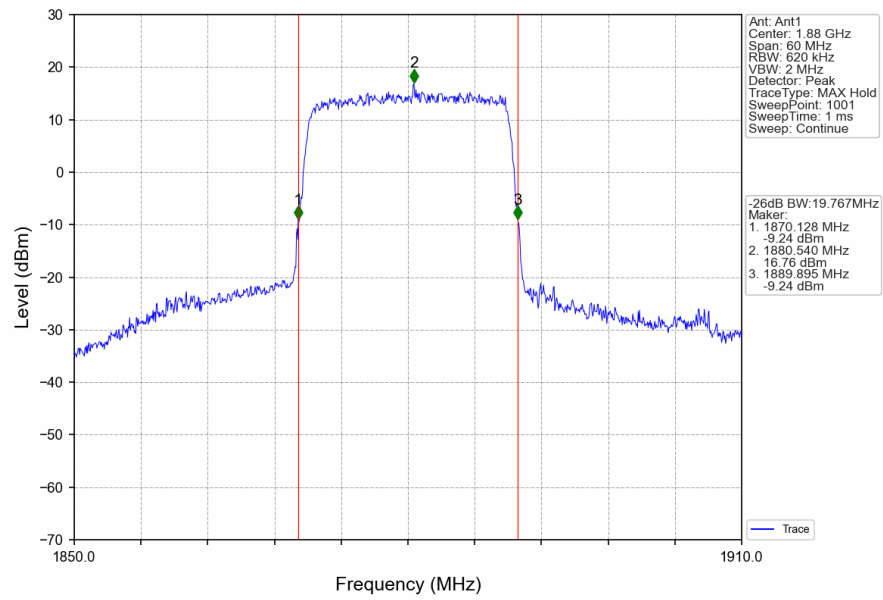
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



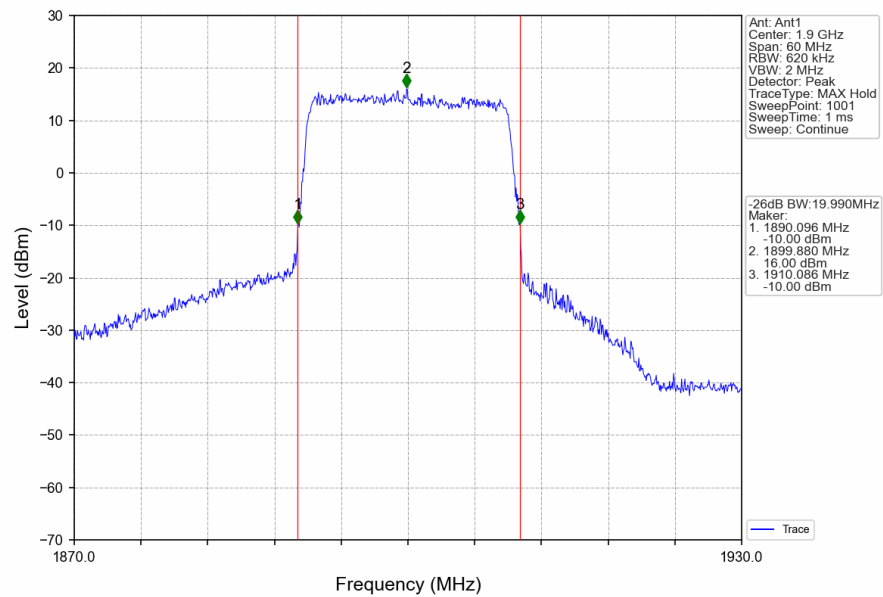
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



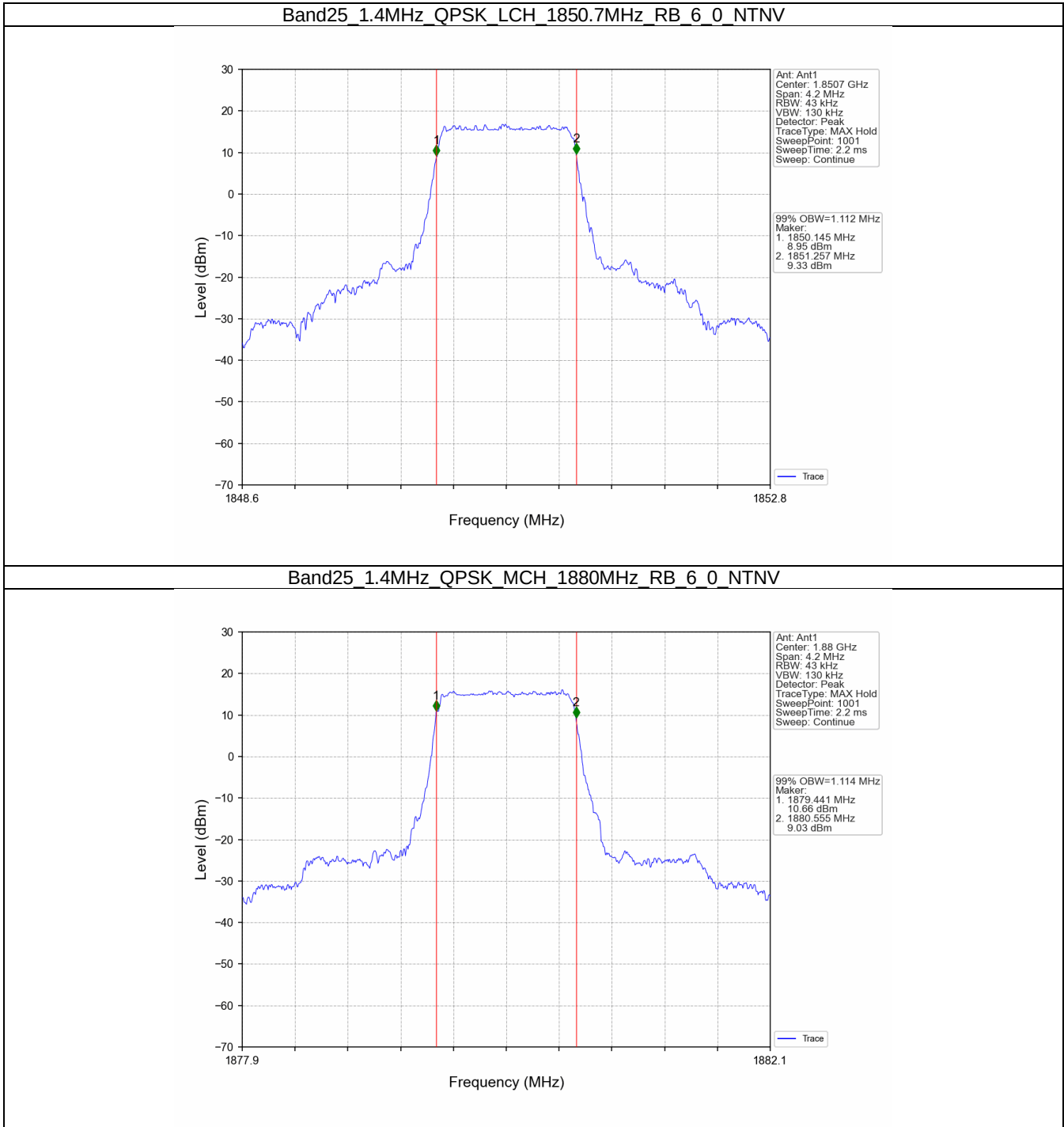
4. 99% & 26dB Bandwidth

4.1 Band25_OBW

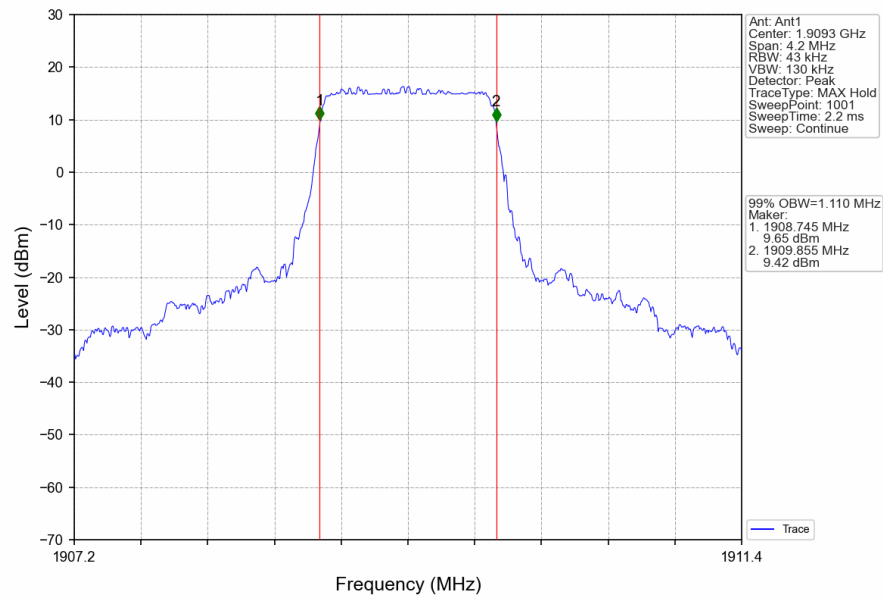
4.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.112	Pass
		1880	6	0	1.114	Pass
		1909.3	6	0	1.110	Pass
	16QAM	1850.7	6	0	1.112	Pass
		1880	6	0	1.116	Pass
		1909.3	6	0	1.115	Pass
3	QPSK	1851.5	15	0	2.735	Pass
		1880	15	0	2.743	Pass
		1908.5	15	0	2.746	Pass
	16QAM	1851.5	15	0	2.735	Pass
		1880	15	0	2.751	Pass
		1908.5	15	0	2.733	Pass
5	QPSK	1852.5	25	0	4.564	Pass
		1880	25	0	4.563	Pass
		1907.5	25	0	4.541	Pass
	16QAM	1852.5	25	0	4.558	Pass
		1880	25	0	4.545	Pass
		1907.5	25	0	4.568	Pass
10	QPSK	1855	50	0	9.028	Pass
		1880	50	0	9.043	Pass
		1905	50	0	9.009	Pass
	16QAM	1855	50	0	9.007	Pass
		1880	50	0	9.006	Pass
		1905	50	0	9.032	Pass
15	QPSK	1857.5	75	0	13.547	Pass
		1880	75	0	13.535	Pass
		1902.5	75	0	13.529	Pass
	16QAM	1857.5	75	0	13.512	Pass
		1880	75	0	13.559	Pass
		1902.5	75	0	13.568	Pass
20	QPSK	1860	100	0	18.047	Pass
		1880	100	0	18.020	Pass
		1900	100	0	18.044	Pass
	16QAM	1860	100	0	18.056	Pass
		1880	100	0	18.041	Pass
		1900	100	0	18.053	Pass

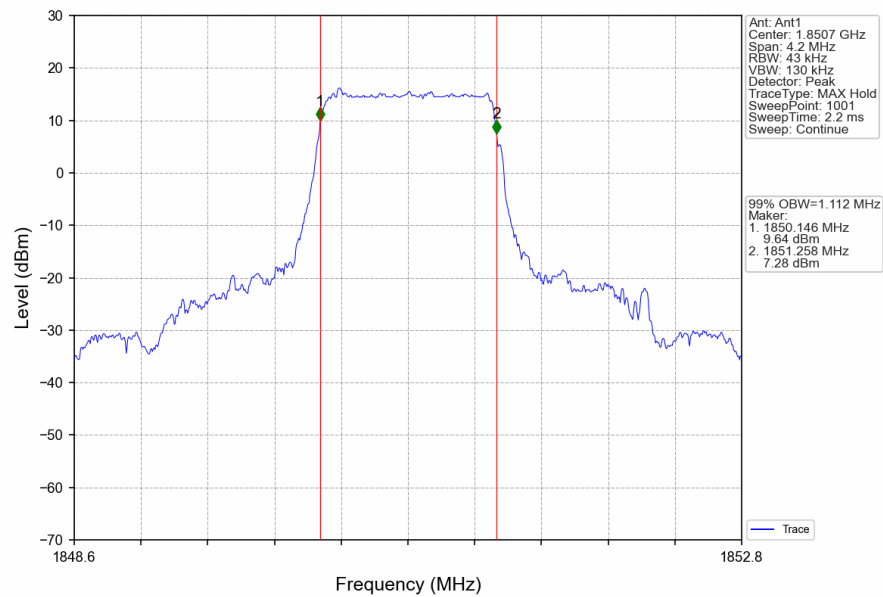
4.1.2 Test Graph



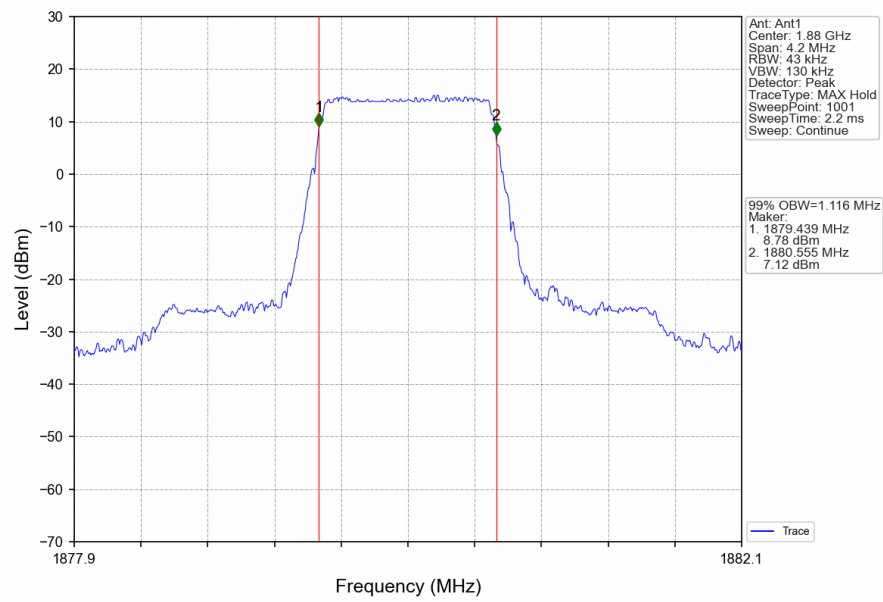
Band25 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTN



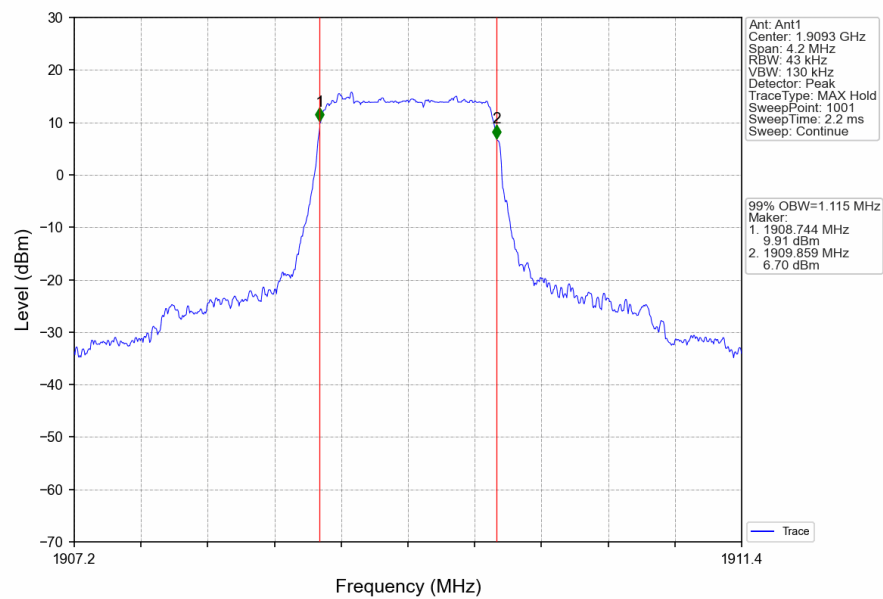
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



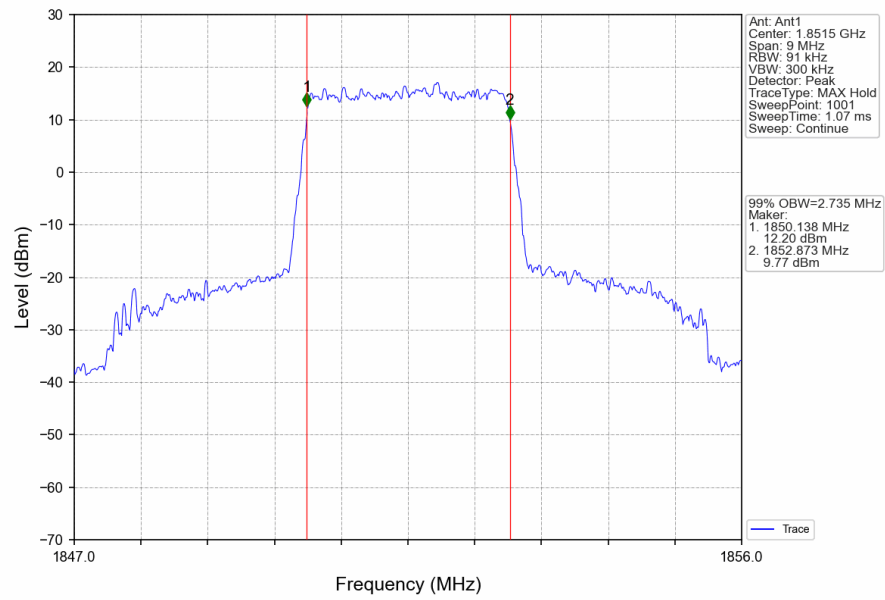
Band25 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTN



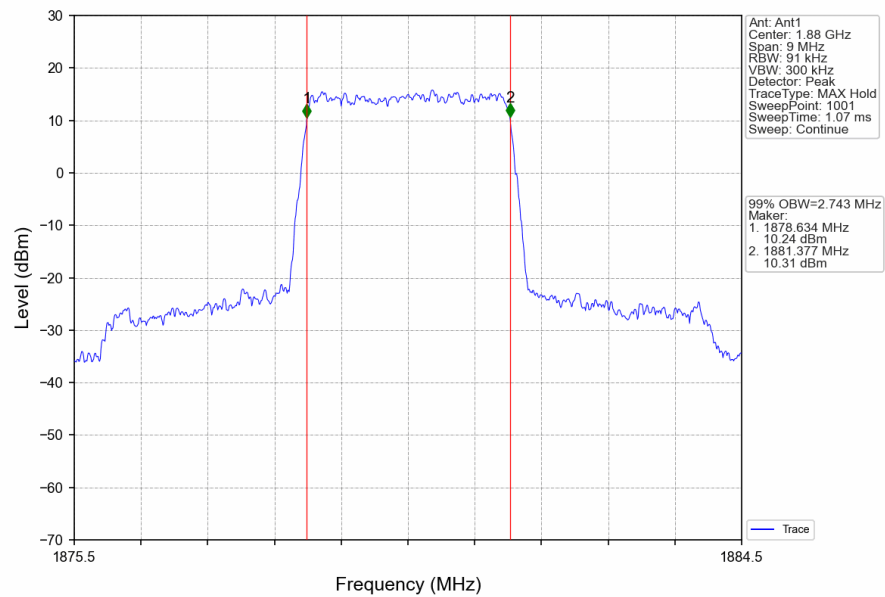
Band25 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTN



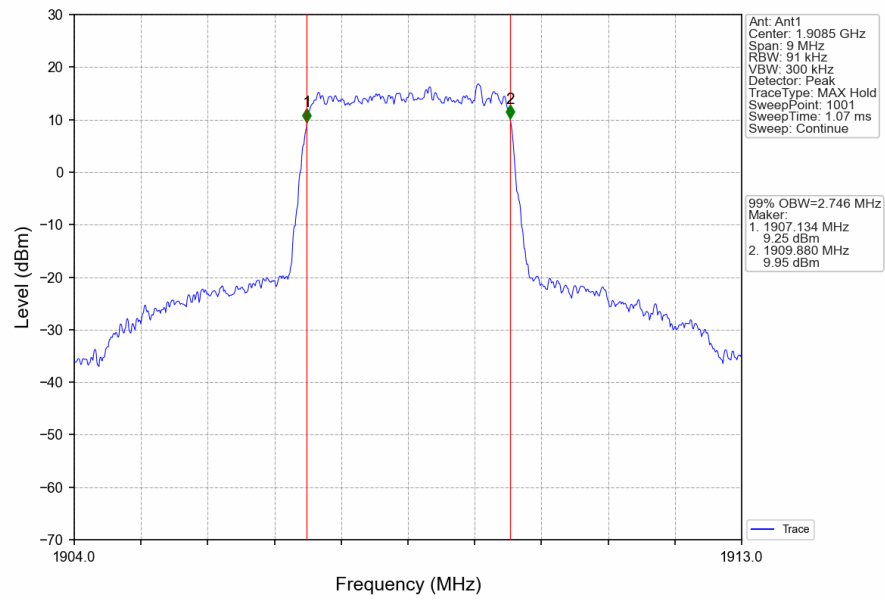
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



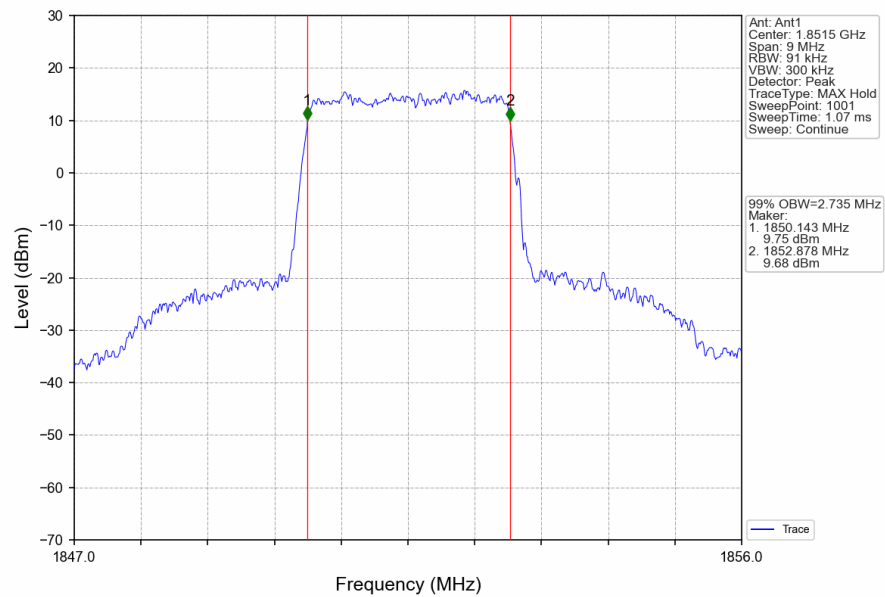
Band25_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



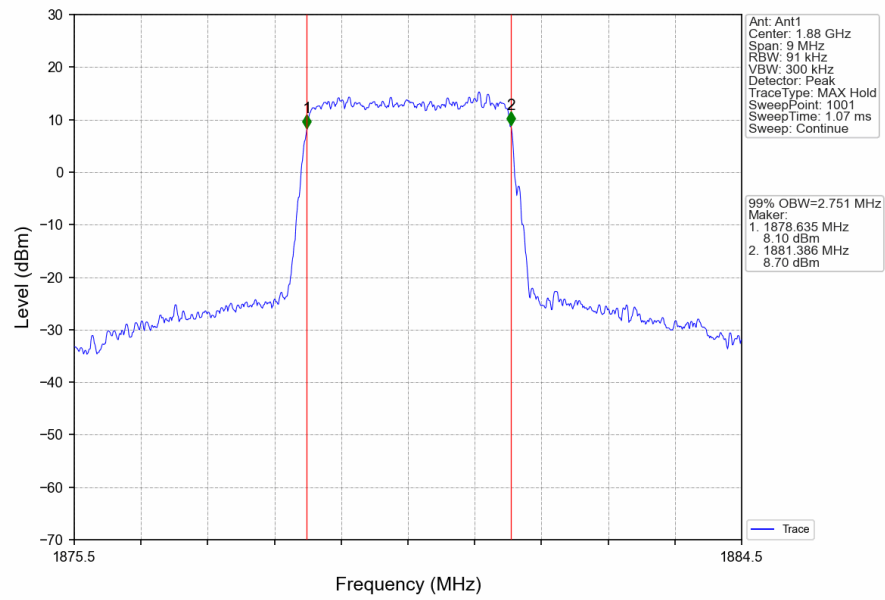
Band25_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



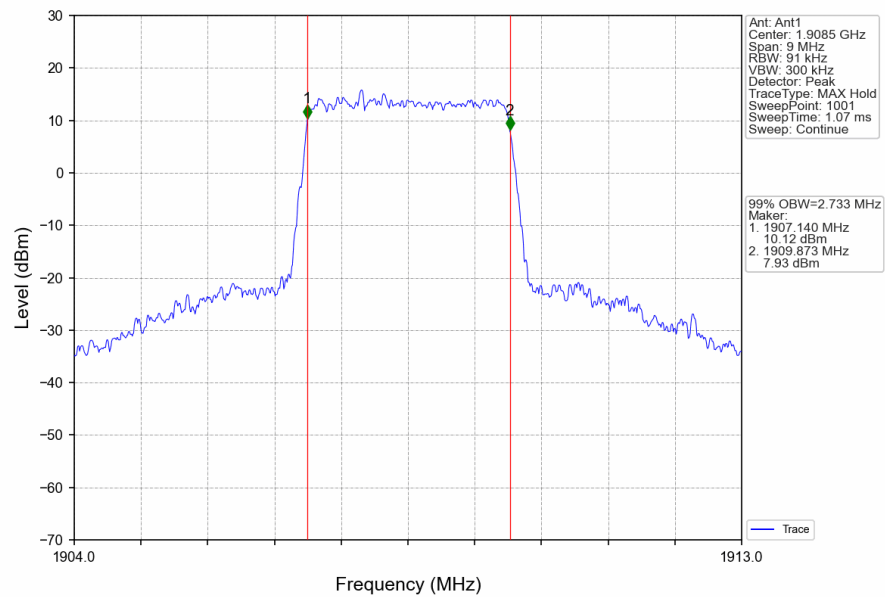
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



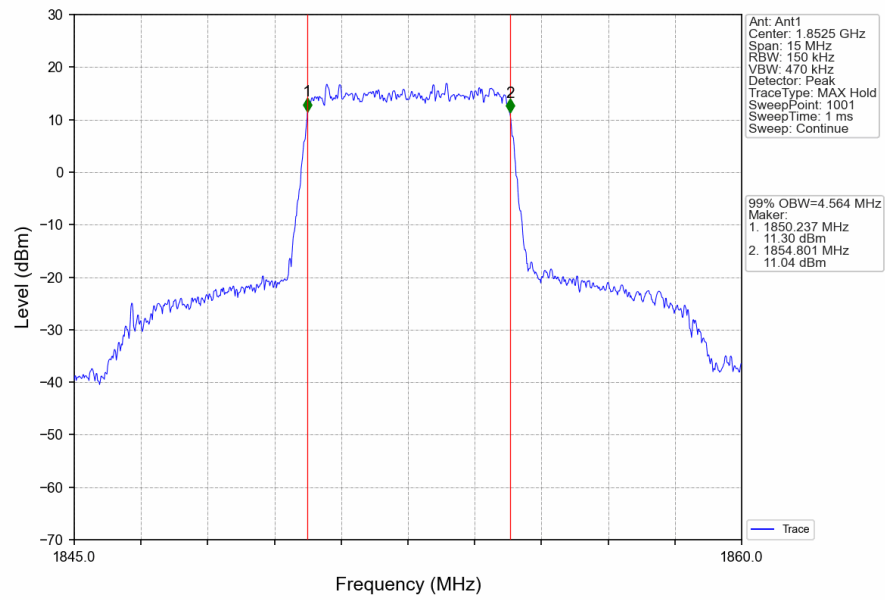
Band25_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



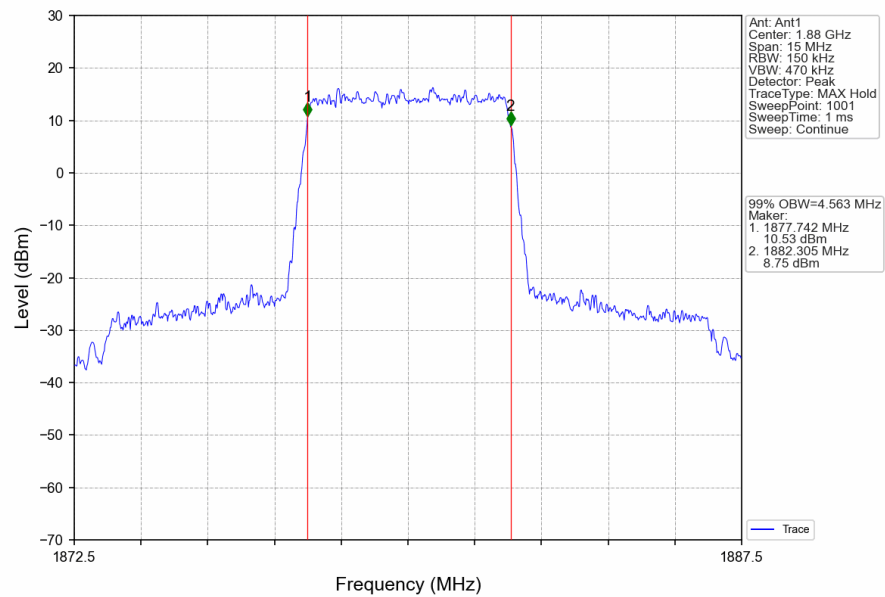
Band25_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



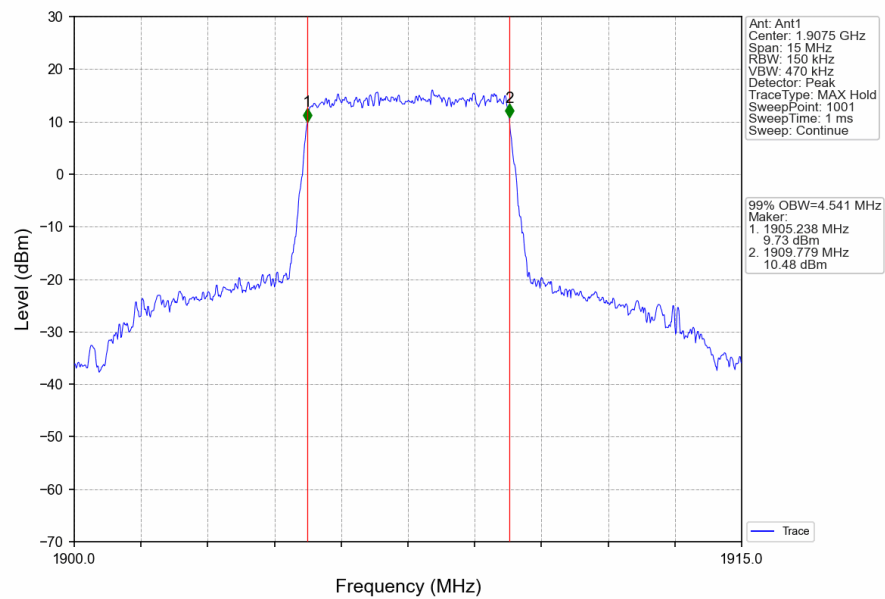
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



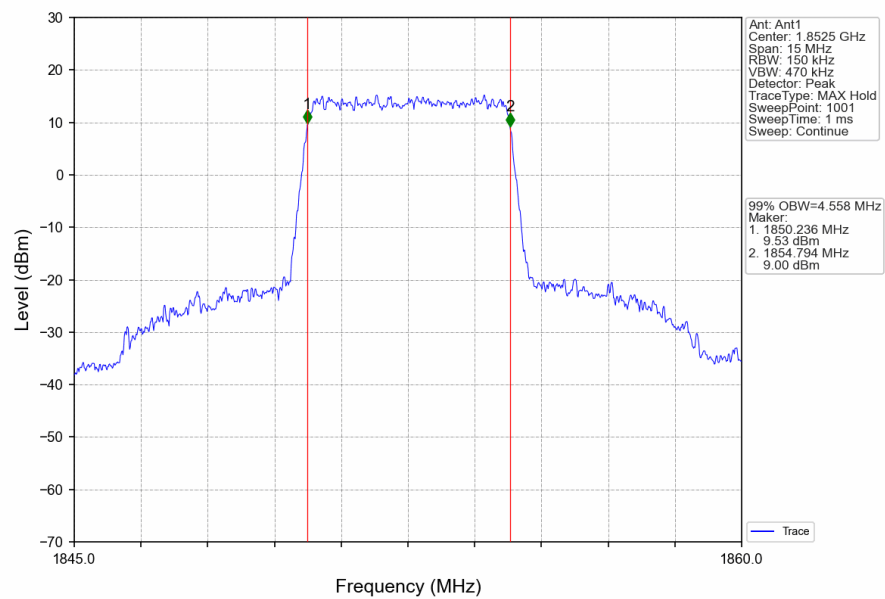
Band25_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



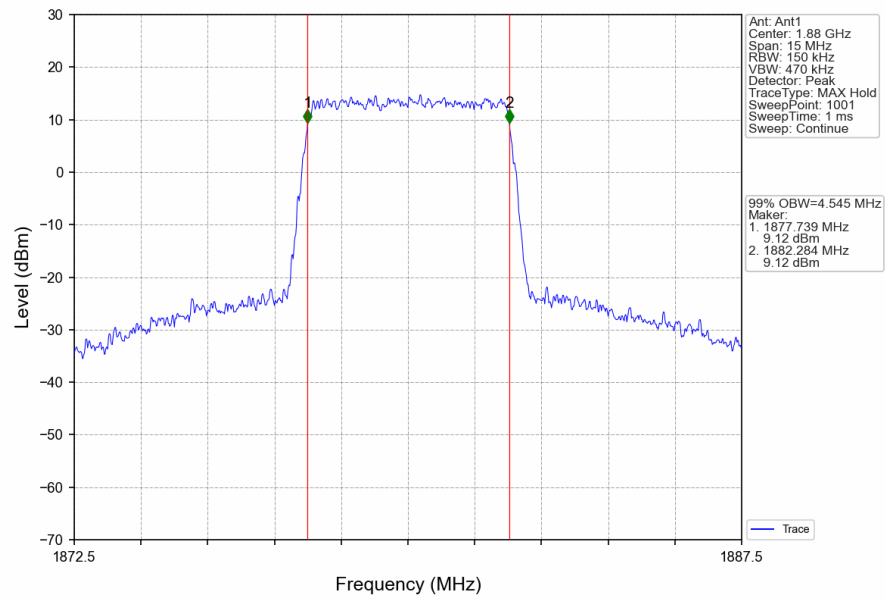
Band25_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



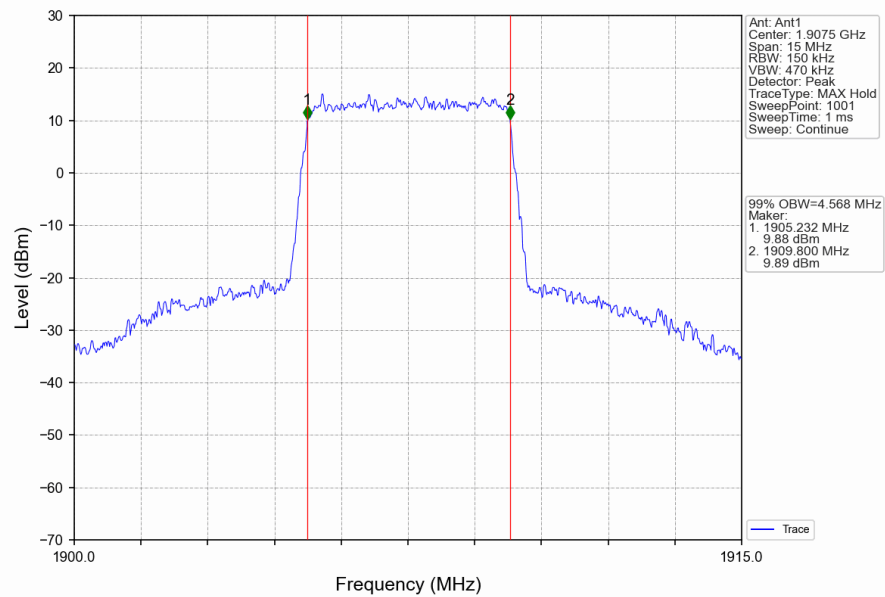
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



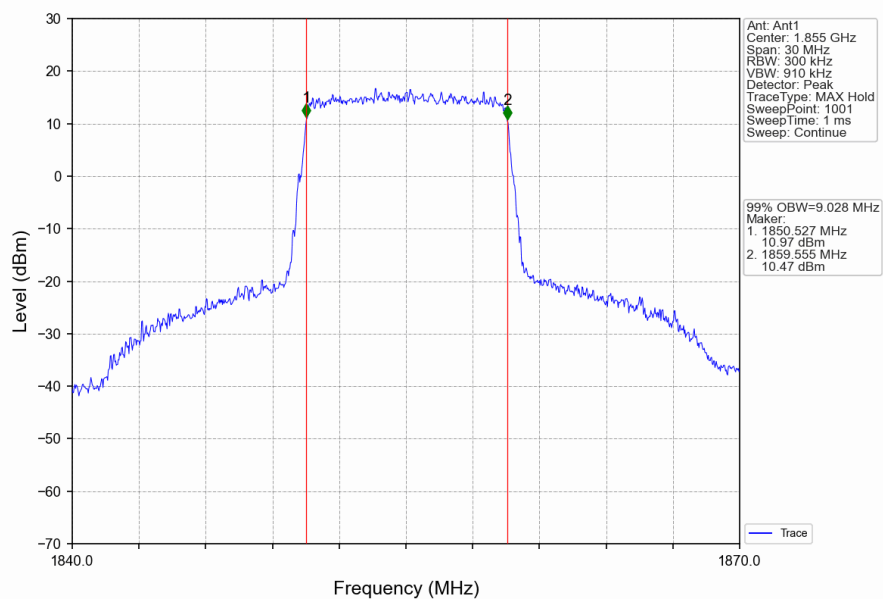
Band25_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



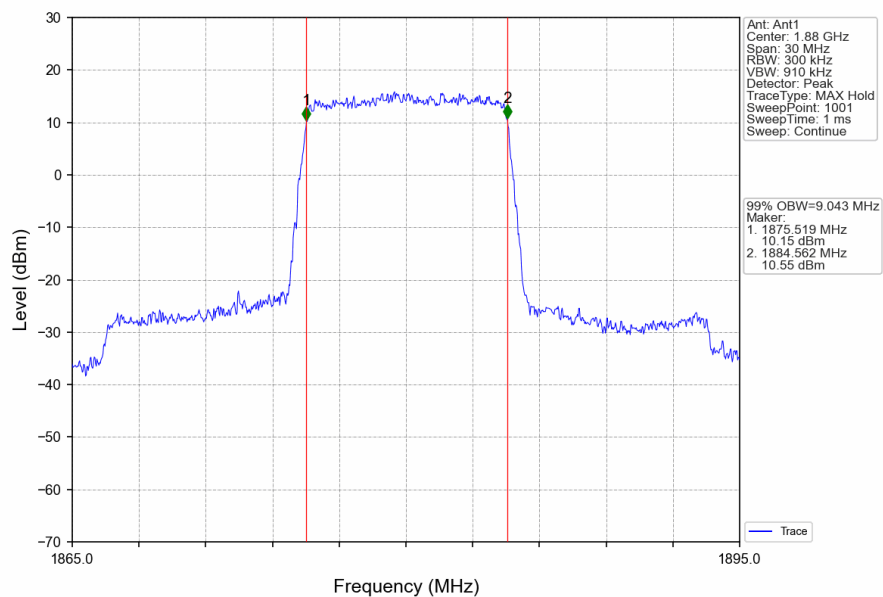
Band25_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



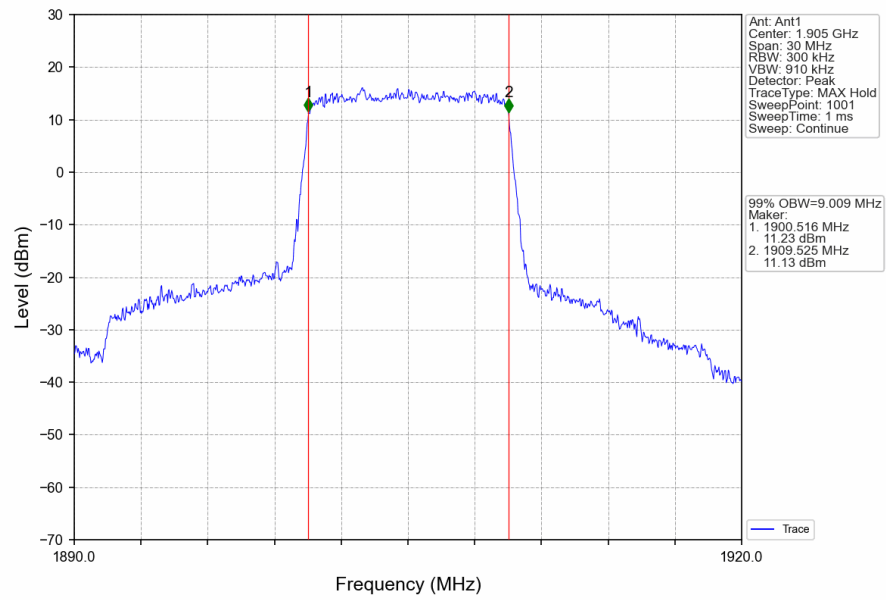
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



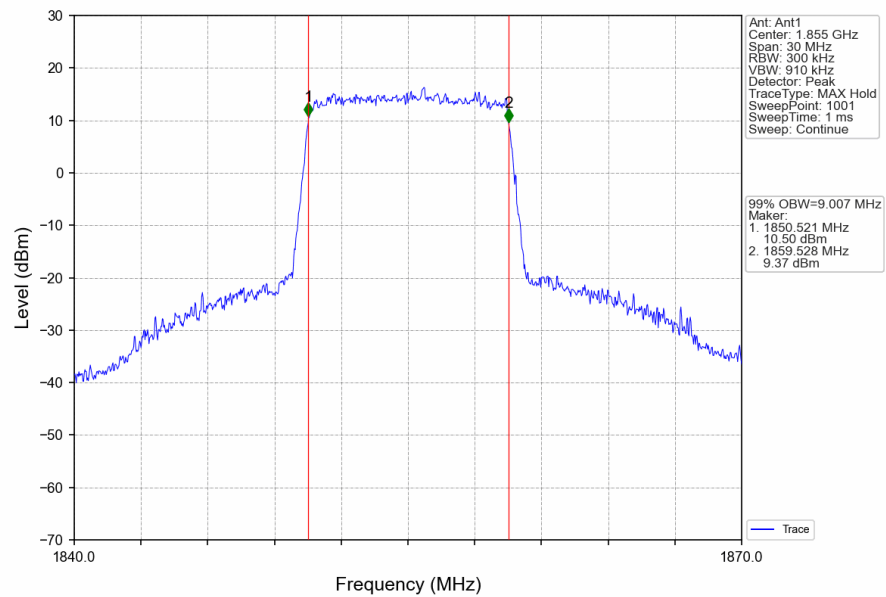
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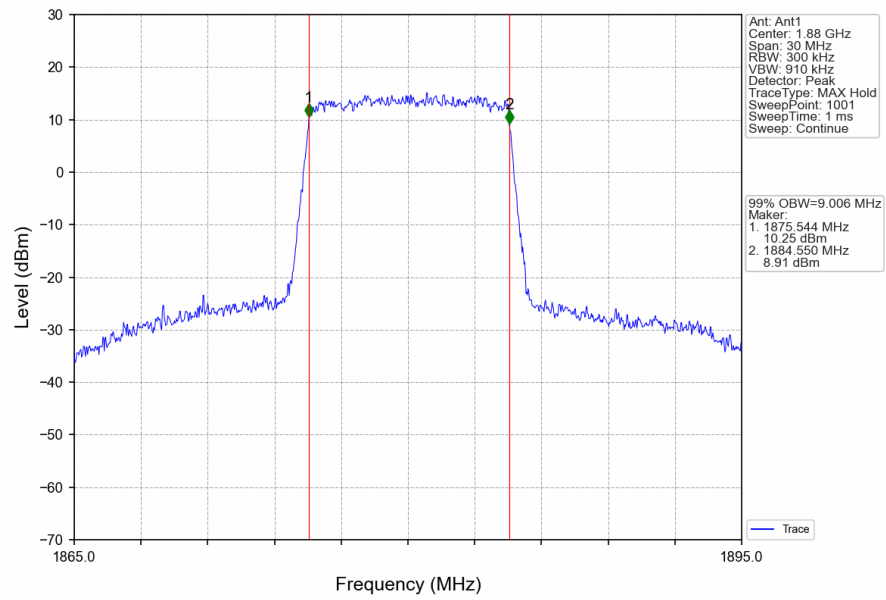
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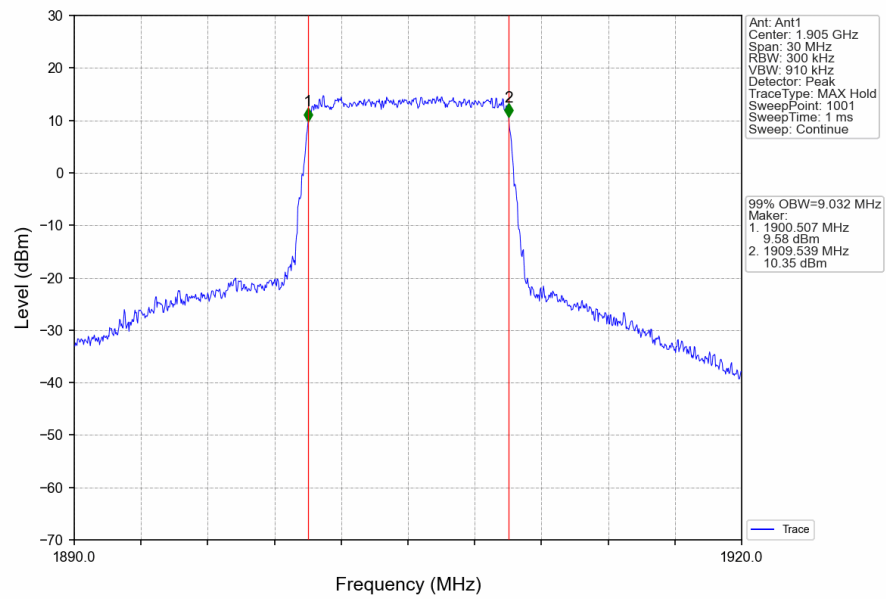
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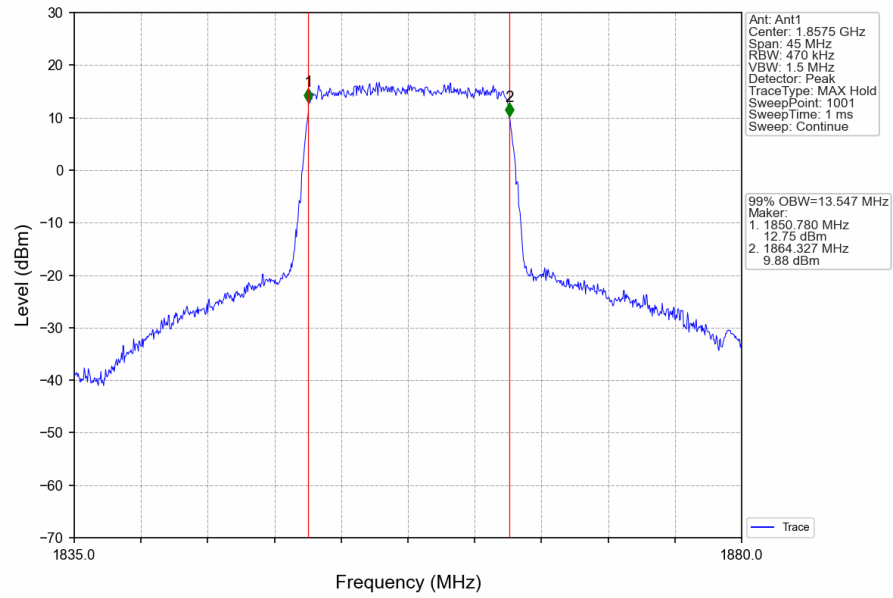
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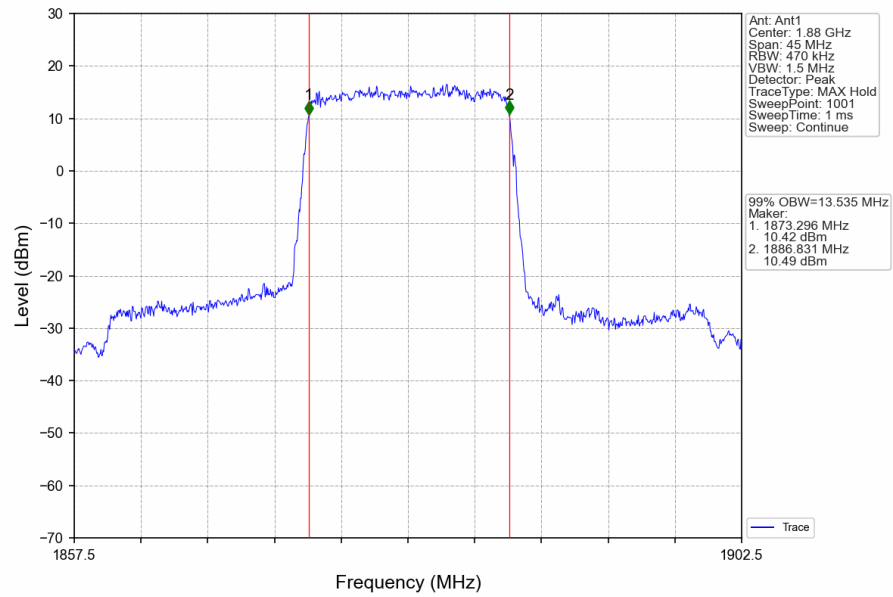
Band25_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



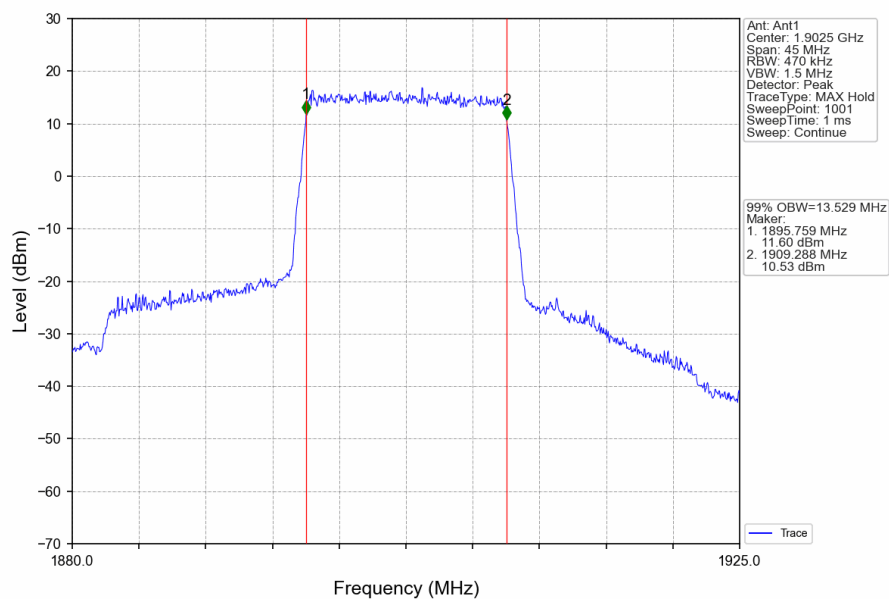
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



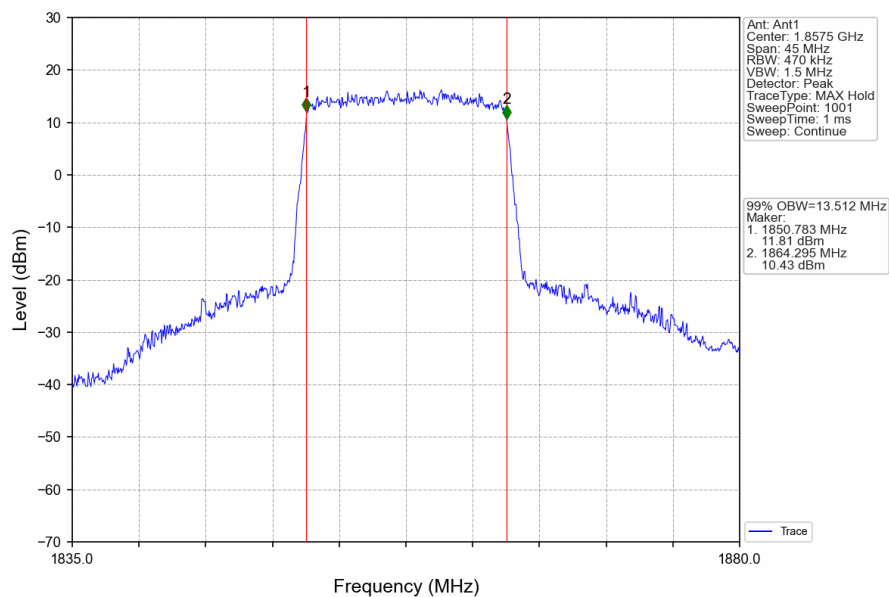
Band25_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



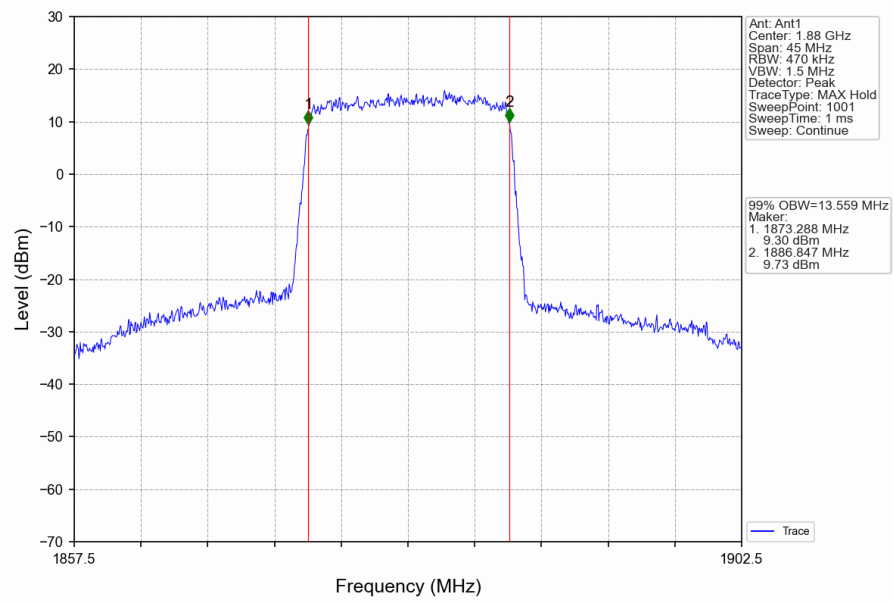
Band25_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



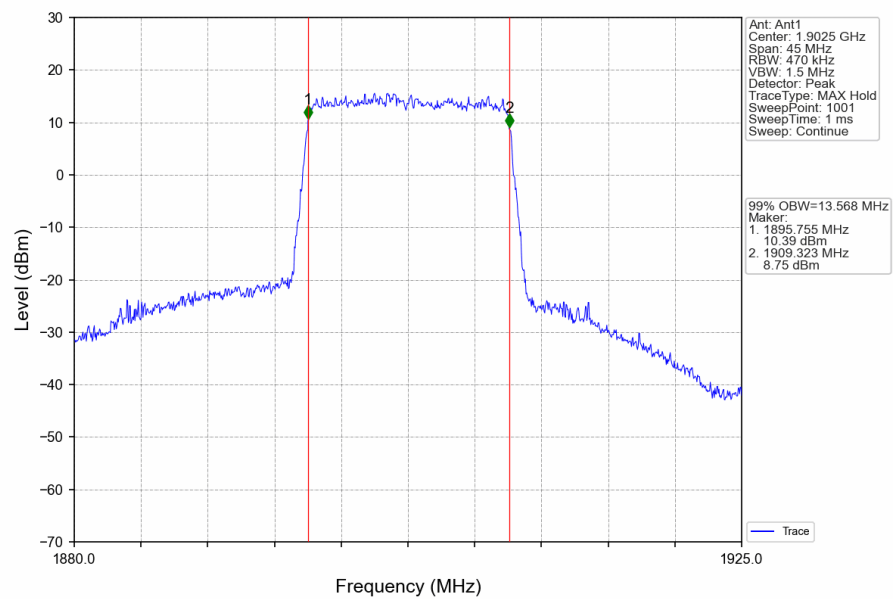
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



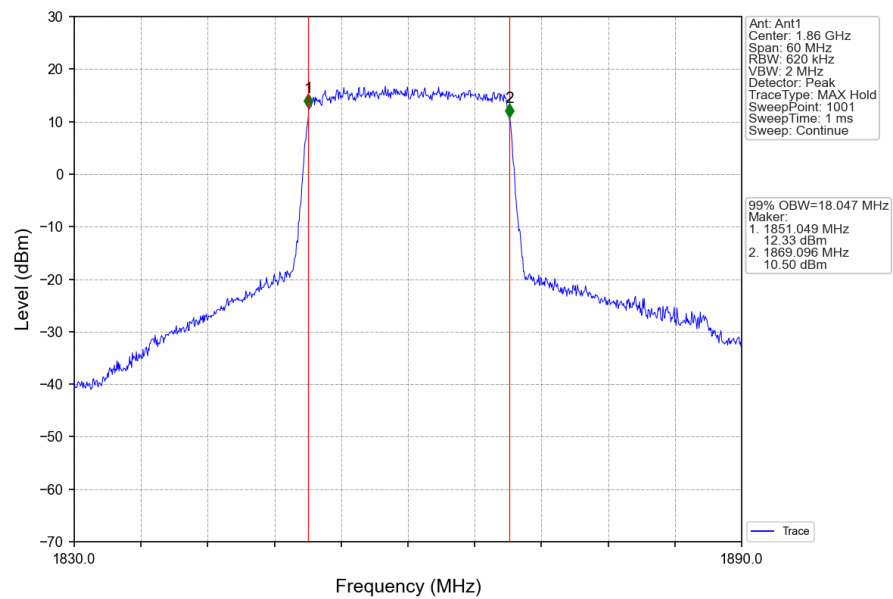
Band25_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



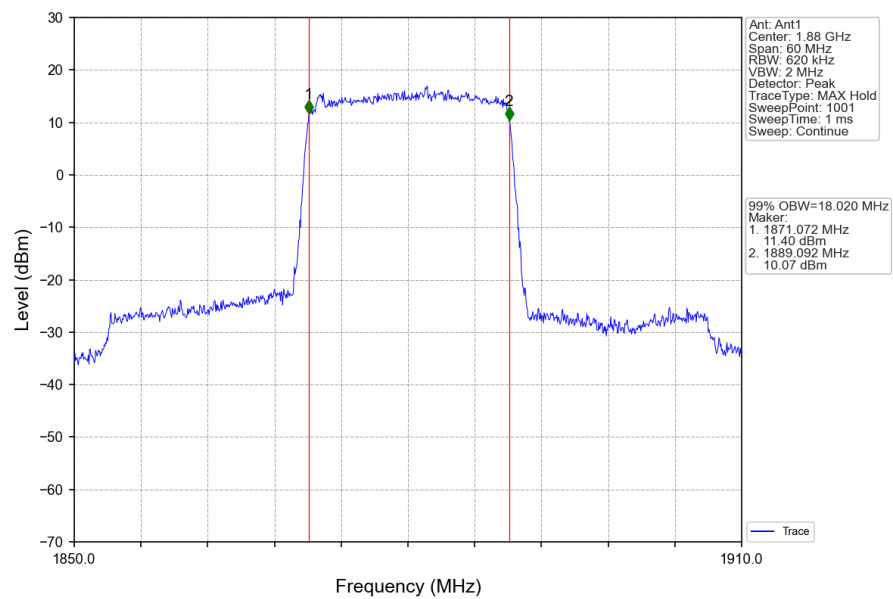
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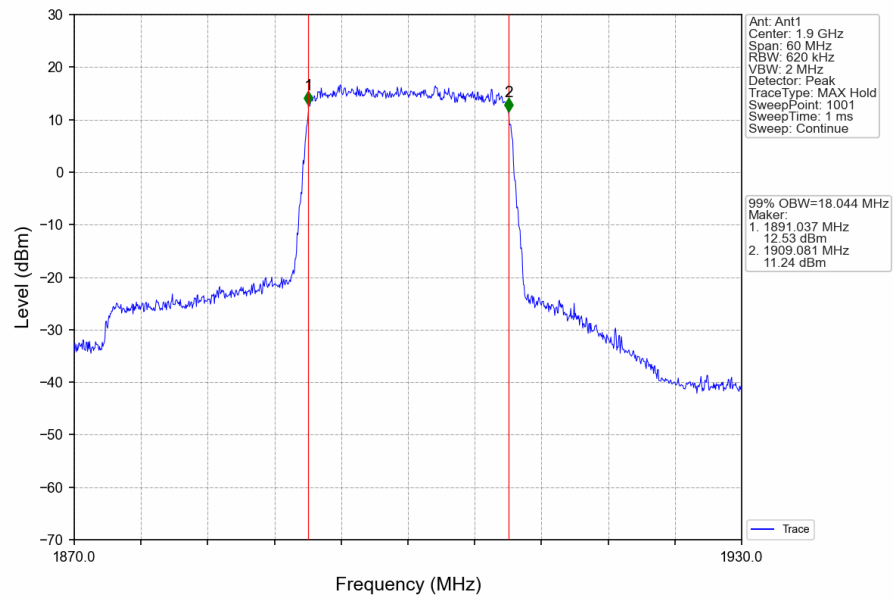
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



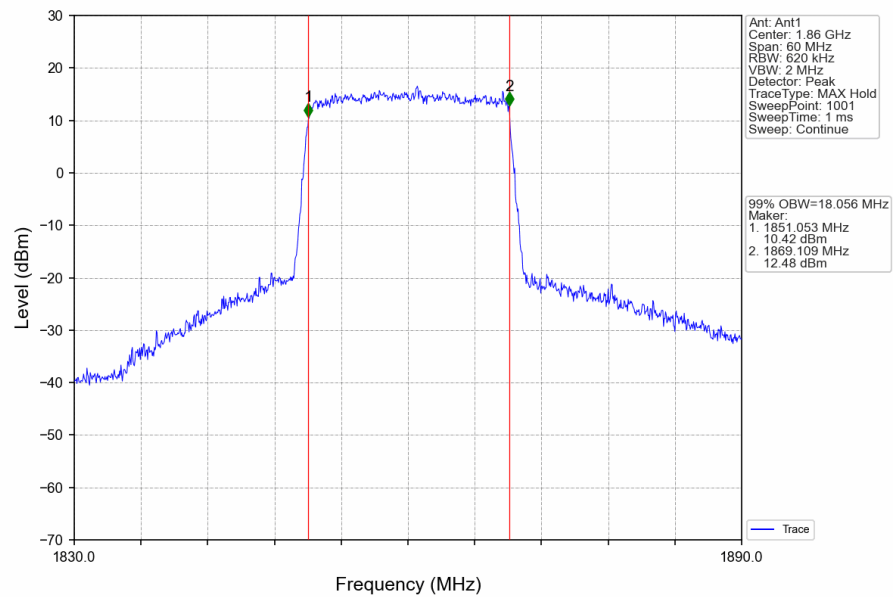
Band25_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



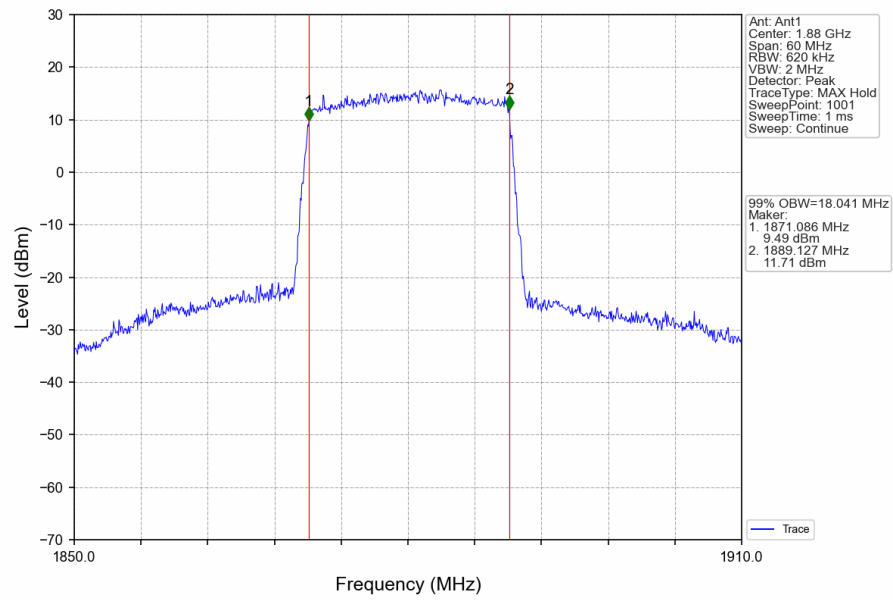
Band25_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



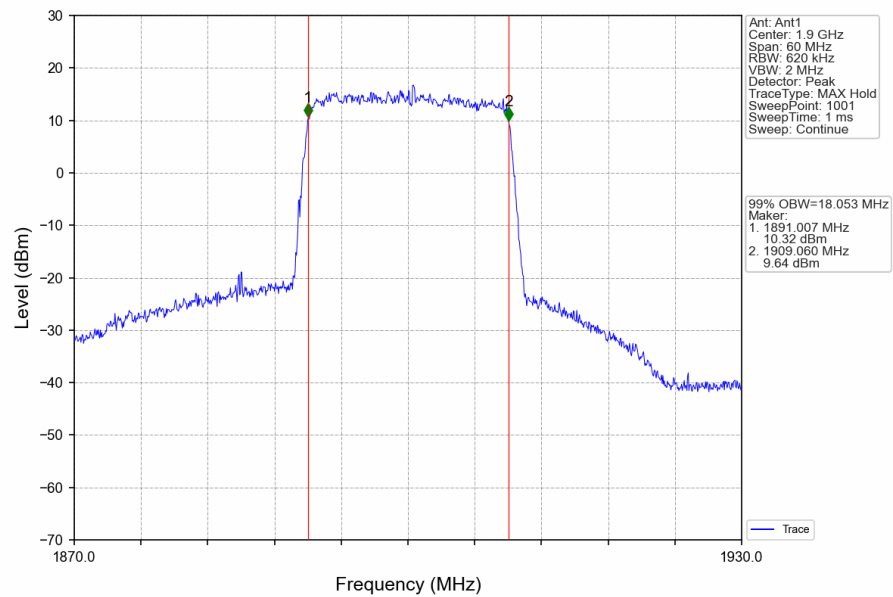
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

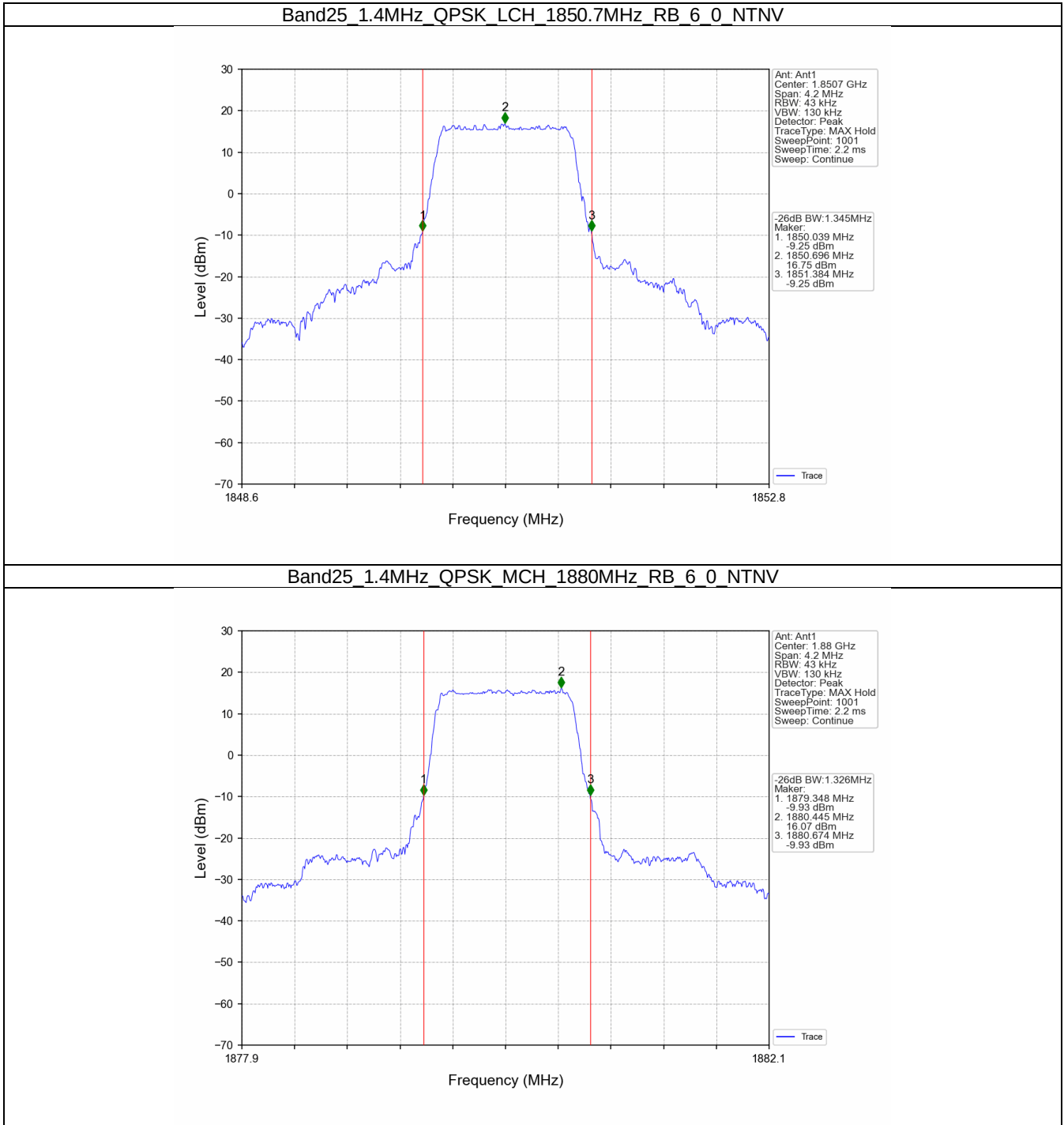


4.2 Band25_XDB

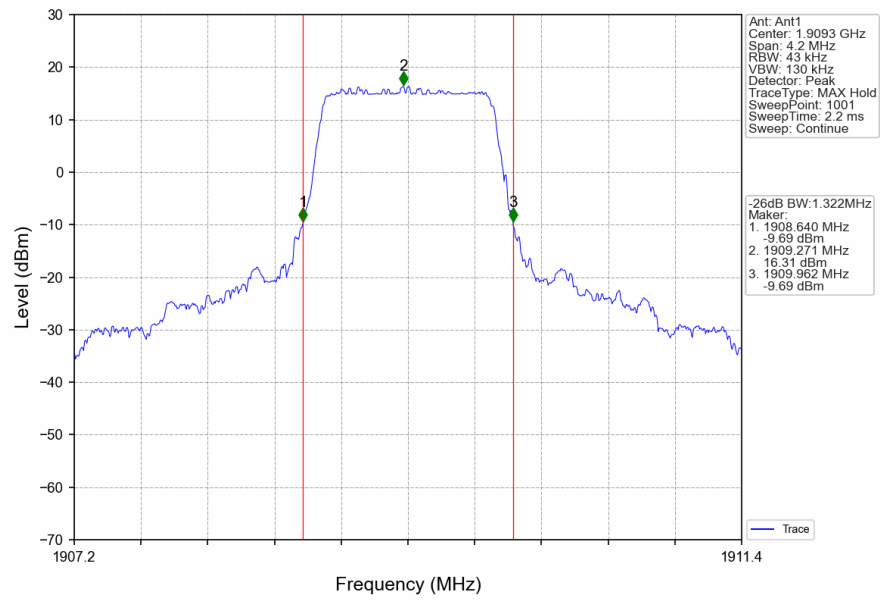
4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.345	Pass
		1880	6	0	1.326	Pass
		1909.3	6	0	1.322	Pass
	16QAM	1850.7	6	0	1.311	Pass
		1880	6	0	1.338	Pass
		1909.3	6	0	1.304	Pass
3	QPSK	1851.5	15	0	3.069	Pass
		1880	15	0	3.067	Pass
		1908.5	15	0	3.042	Pass
	16QAM	1851.5	15	0	3.054	Pass
		1880	15	0	3.076	Pass
		1908.5	15	0	3.039	Pass
5	QPSK	1852.5	25	0	5.085	Pass
		1880	25	0	5.074	Pass
		1907.5	25	0	5.059	Pass
	16QAM	1852.5	25	0	5.083	Pass
		1880	25	0	5.062	Pass
		1907.5	25	0	5.086	Pass
10	QPSK	1855	50	0	10.022	Pass
		1880	50	0	10.062	Pass
		1905	50	0	10.072	Pass
	16QAM	1855	50	0	9.993	Pass
		1880	50	0	10.008	Pass
		1905	50	0	10.003	Pass
15	QPSK	1857.5	75	0	15.004	Pass
		1880	75	0	14.905	Pass
		1902.5	75	0	14.923	Pass
	16QAM	1857.5	75	0	14.982	Pass
		1880	75	0	14.871	Pass
		1902.5	75	0	15.022	Pass
20	QPSK	1860	100	0	19.750	Pass
		1880	100	0	19.617	Pass
		1900	100	0	19.777	Pass
	16QAM	1860	100	0	19.735	Pass
		1880	100	0	19.642	Pass
		1900	100	0	19.802	Pass

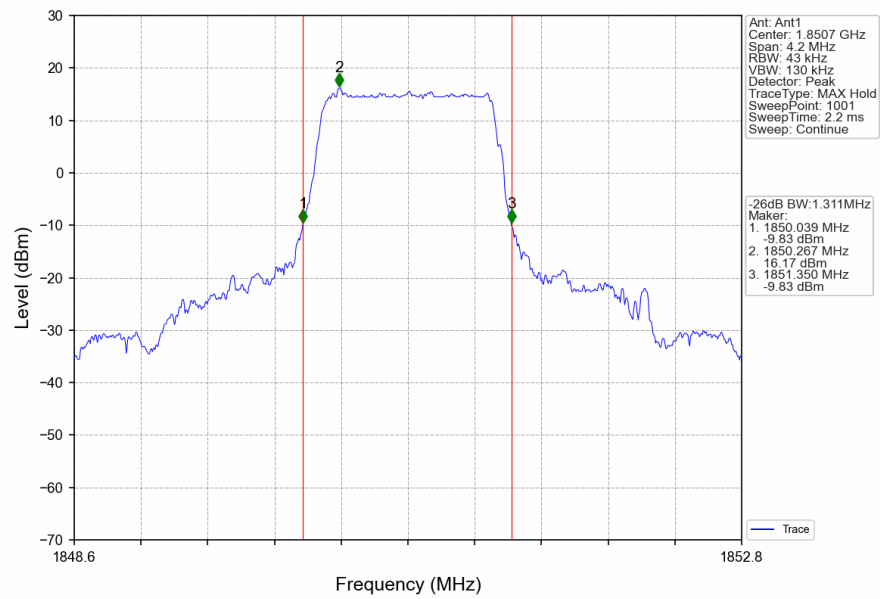
4.2.2 Test Graph



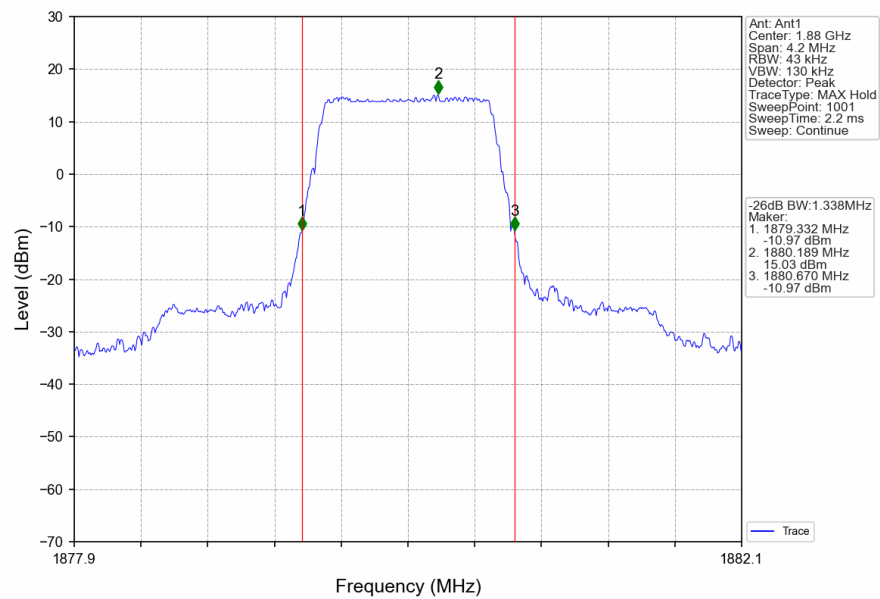
Band25 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTN



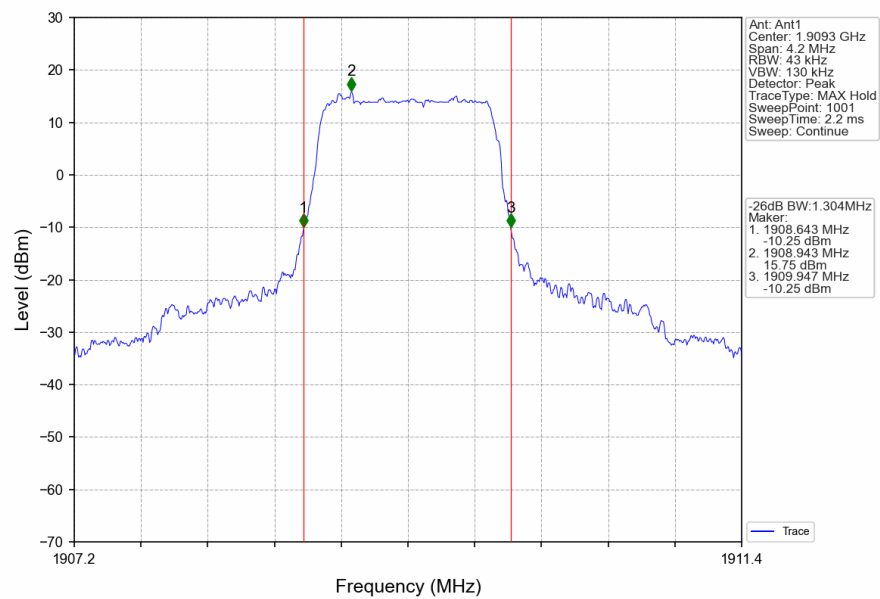
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



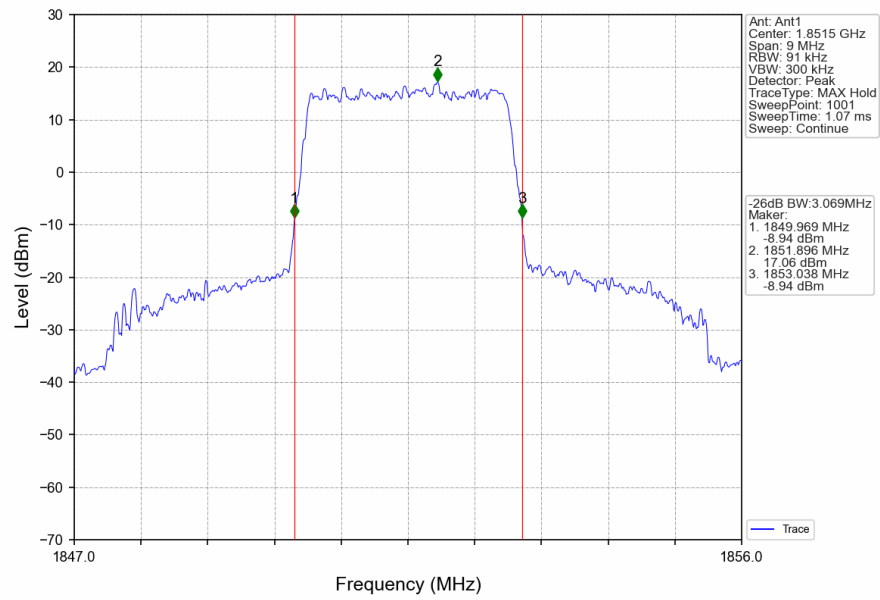
Band25 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTN



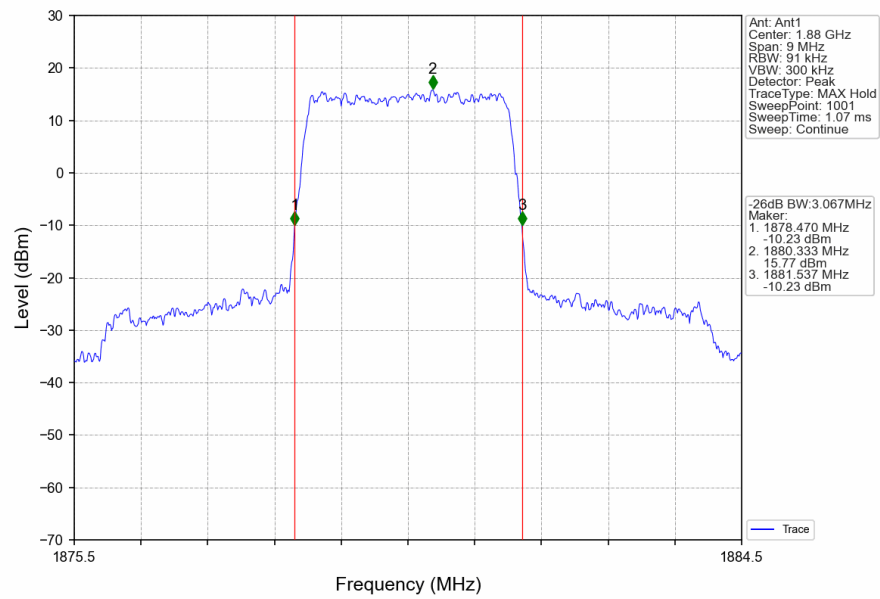
Band25 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTN



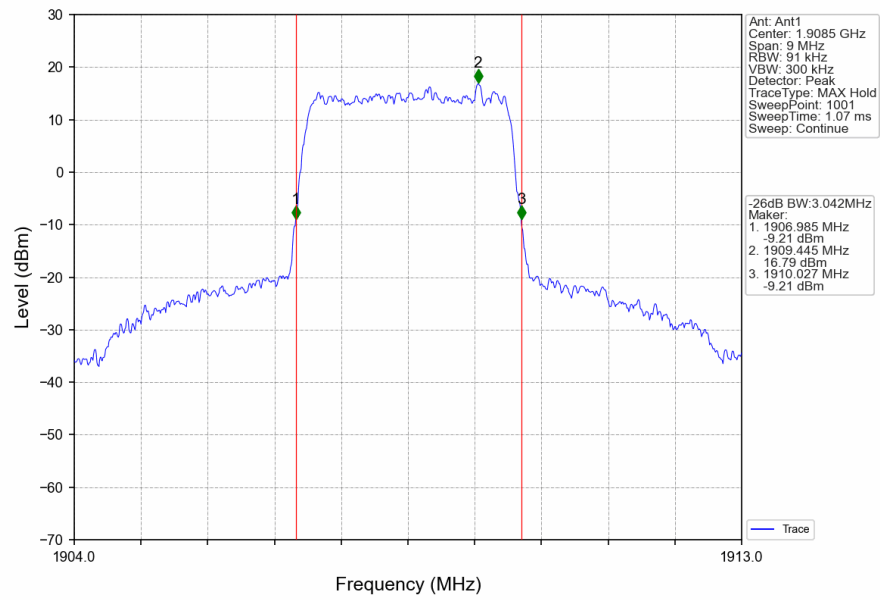
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



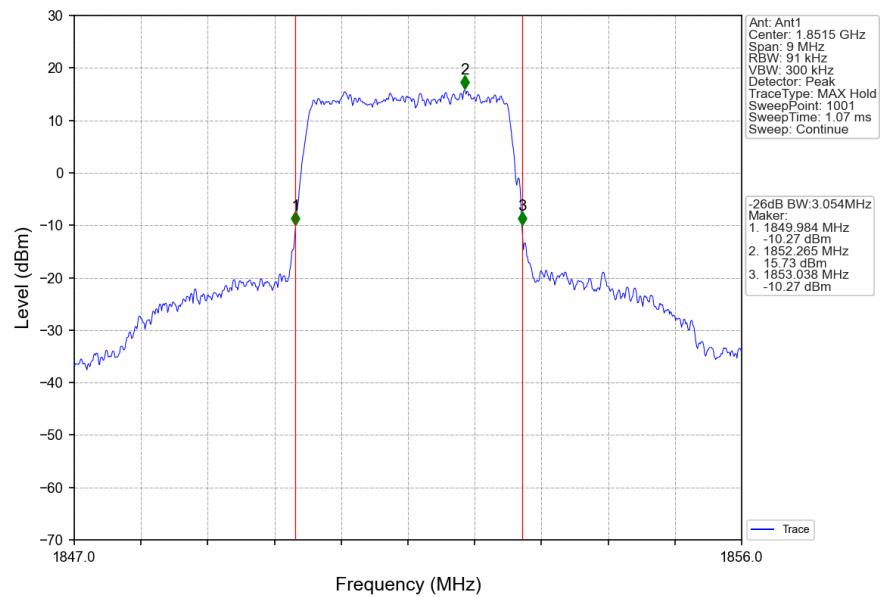
Band25_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



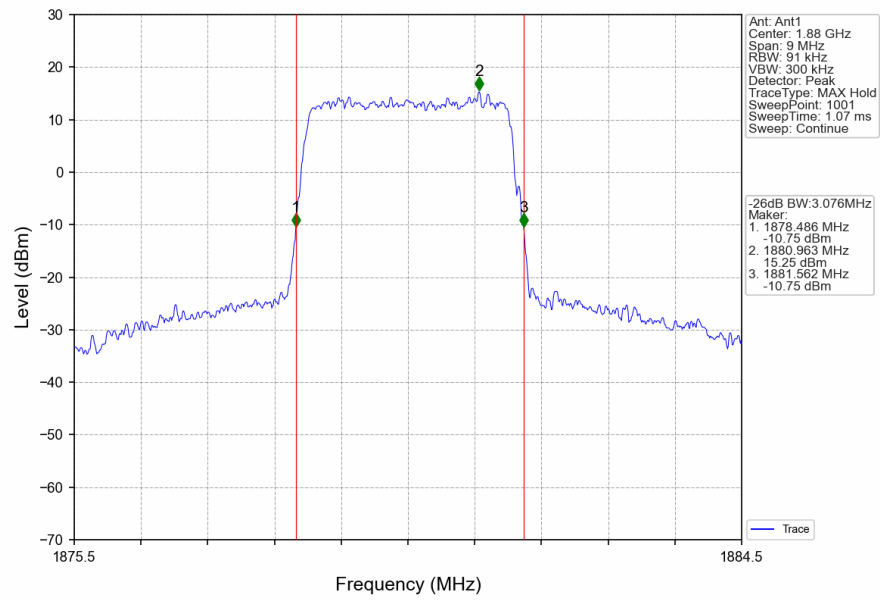
Band25_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



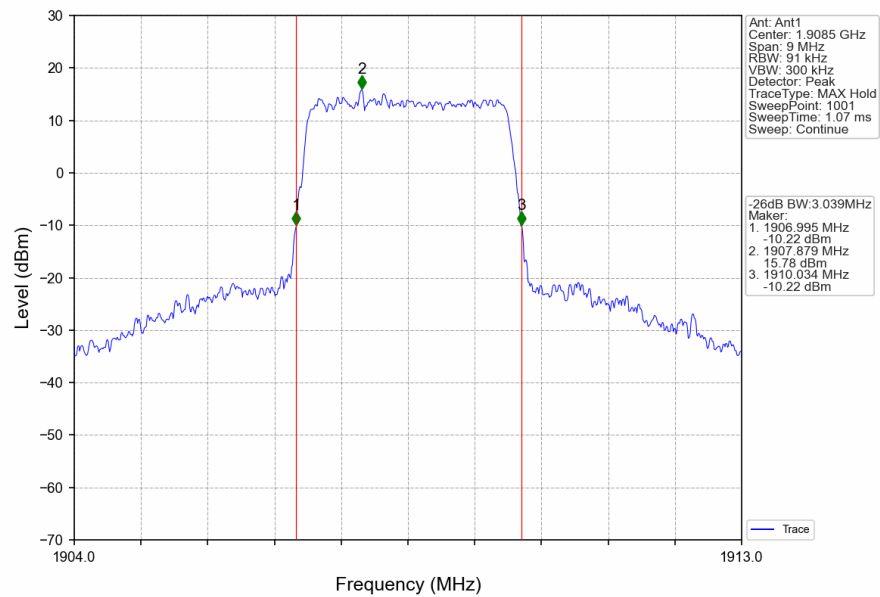
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



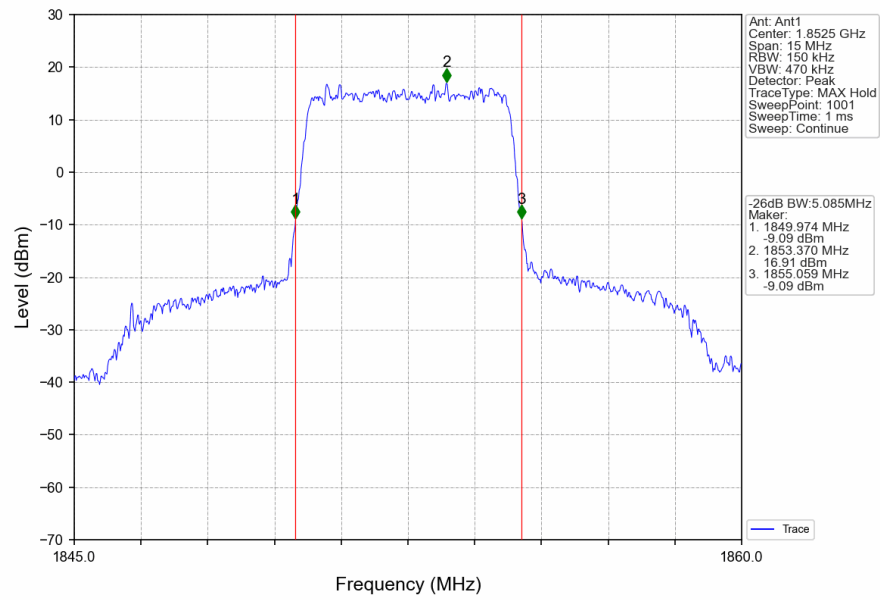
Band25_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



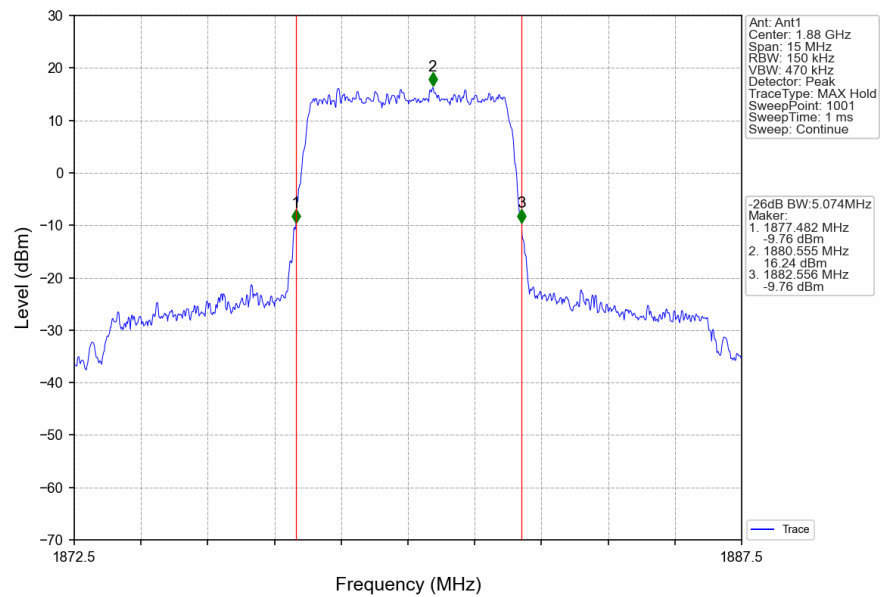
Band25_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



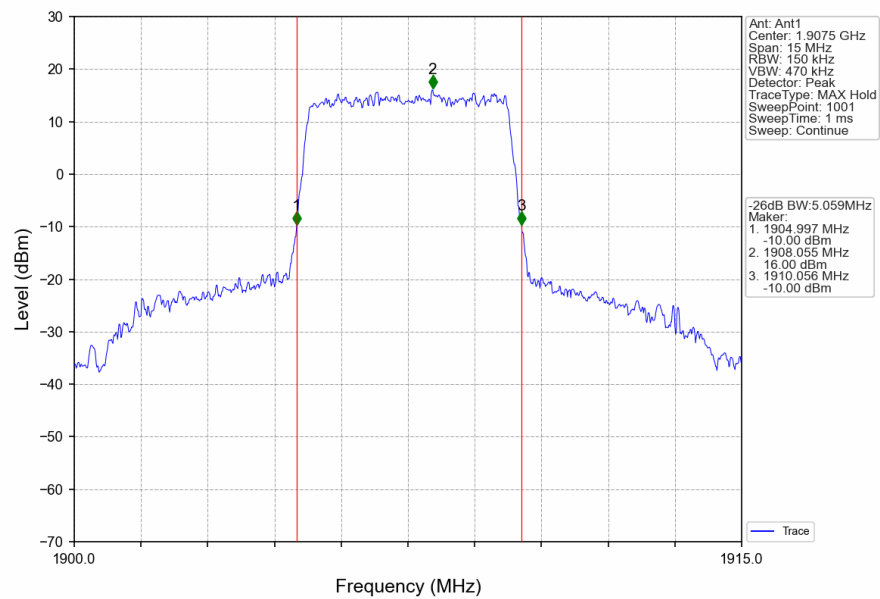
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

