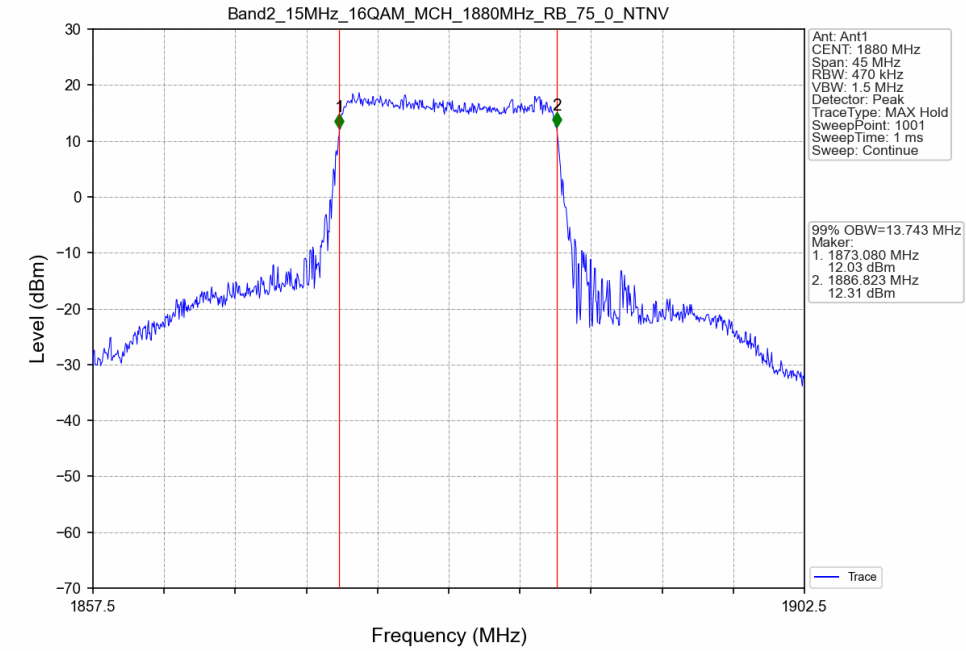
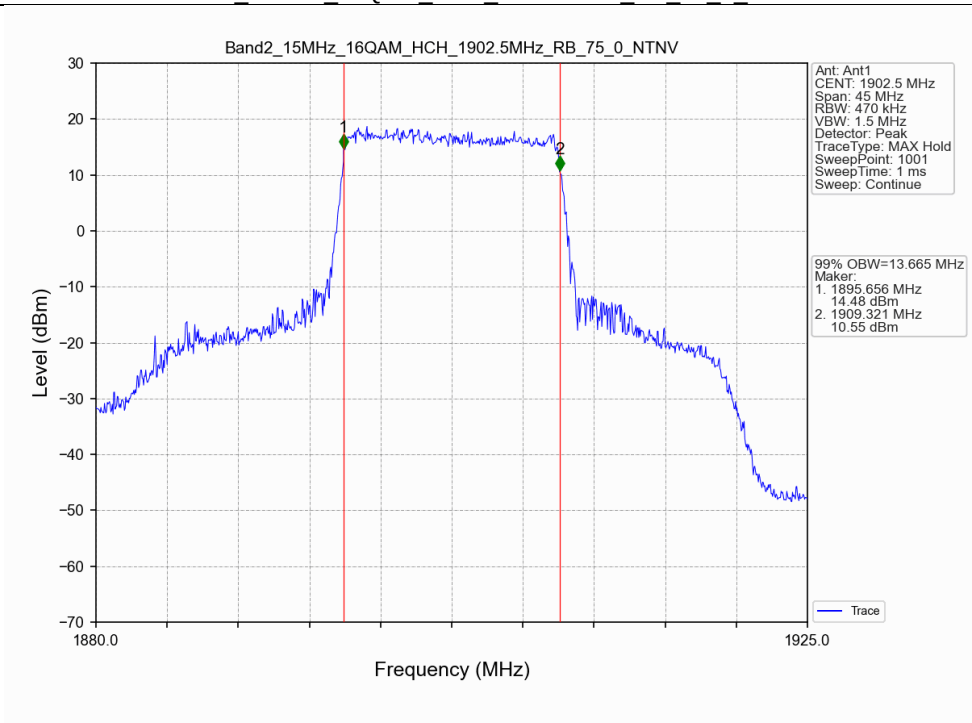
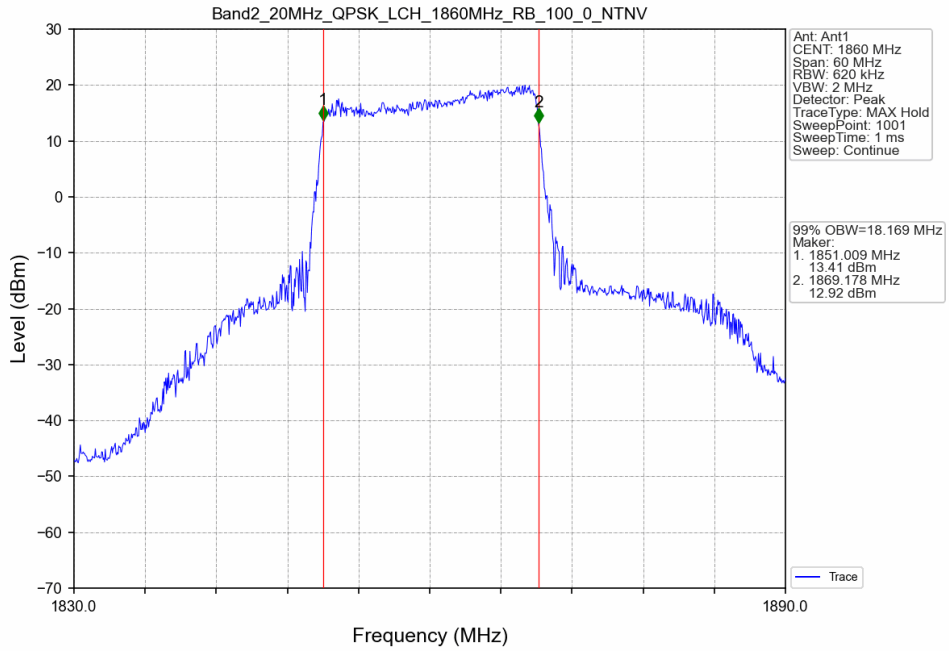
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



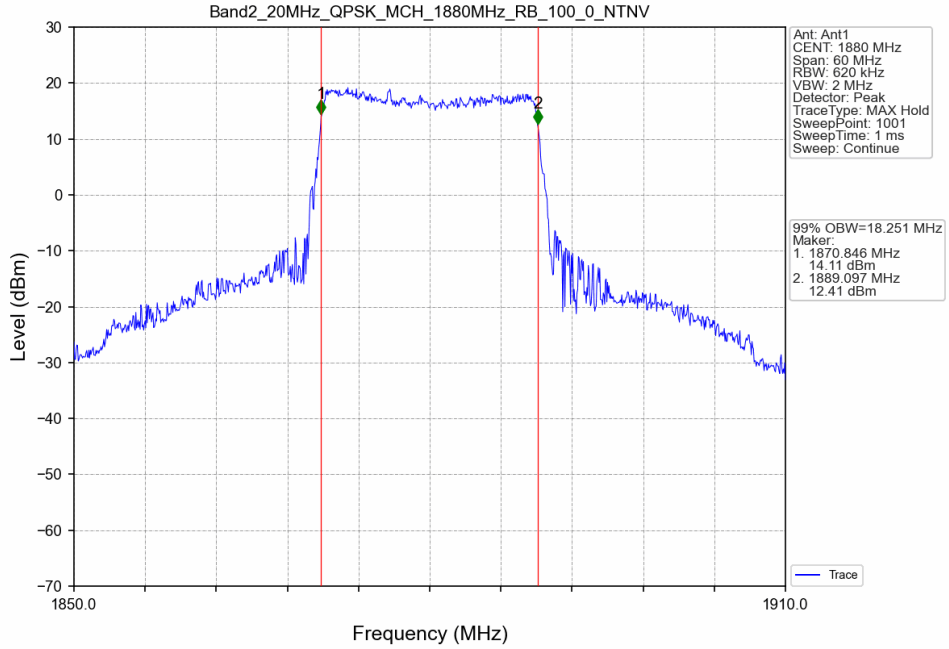
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



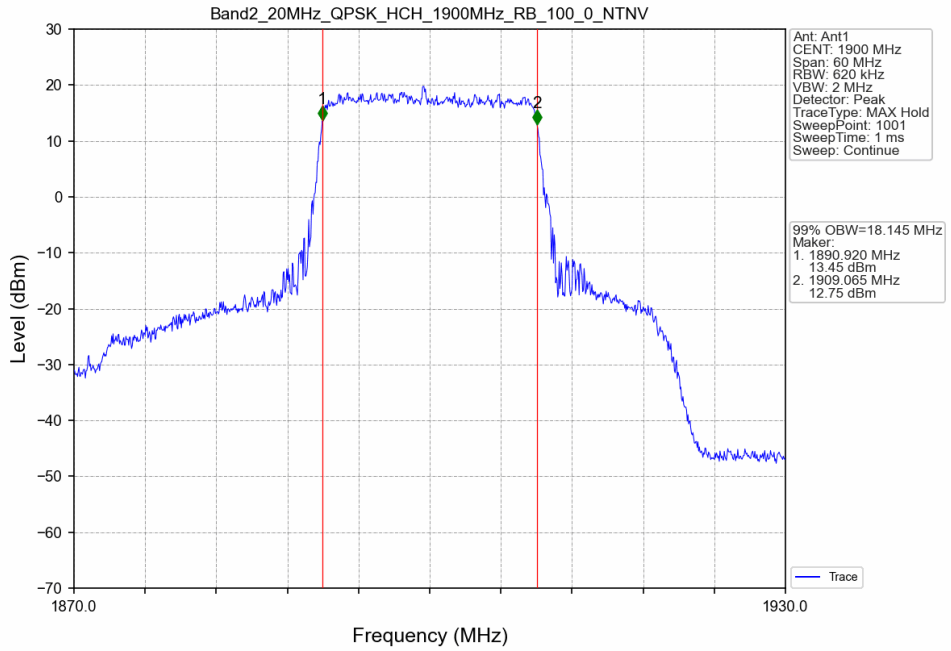
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



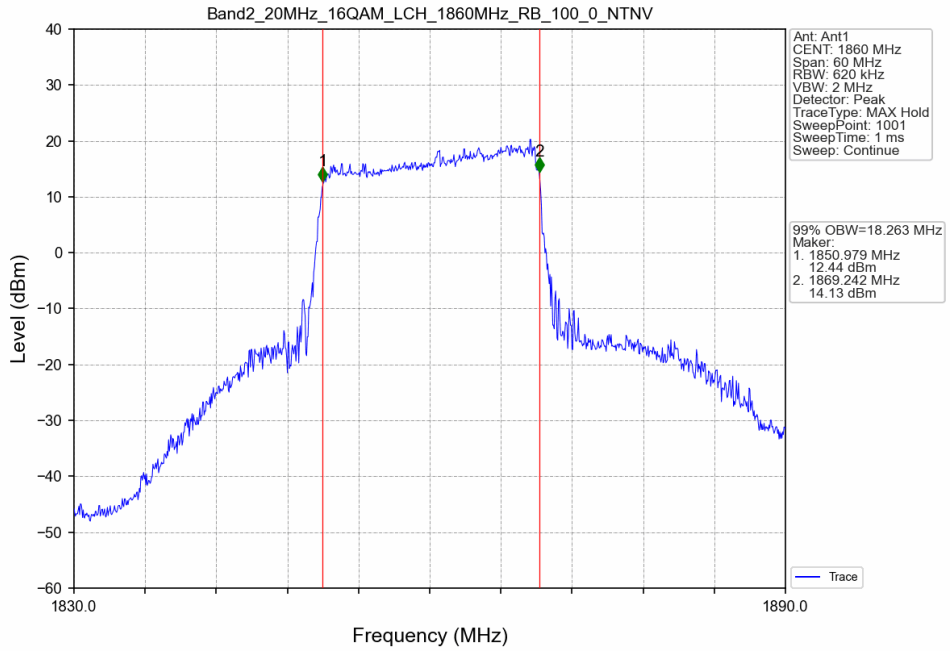
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



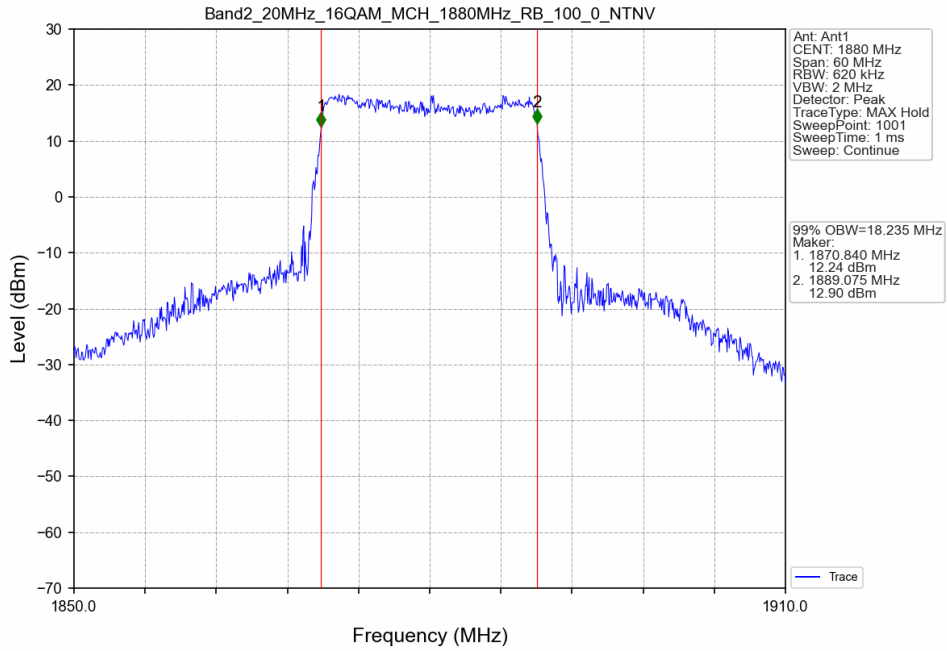
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



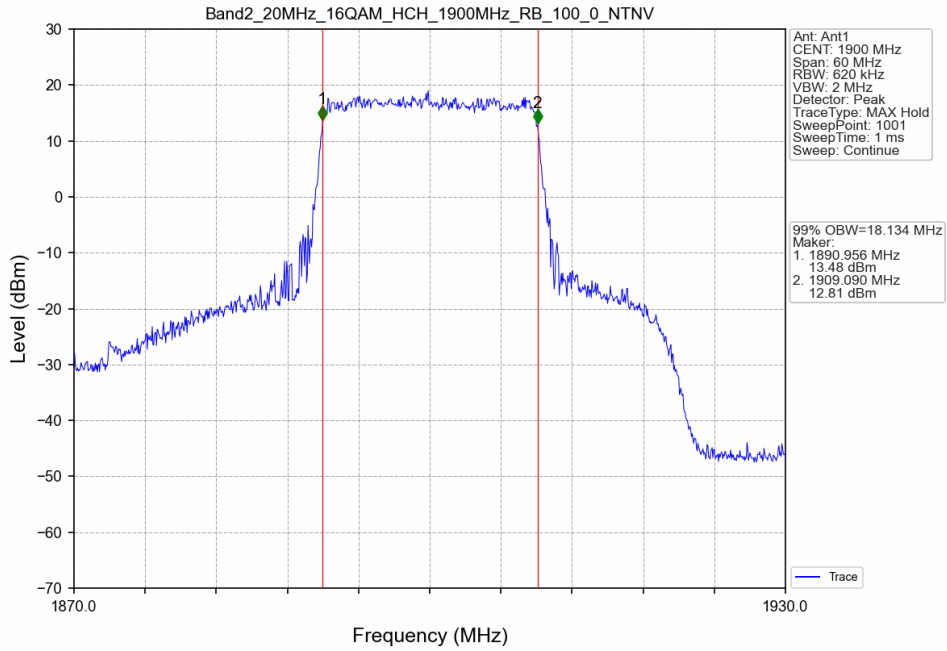
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



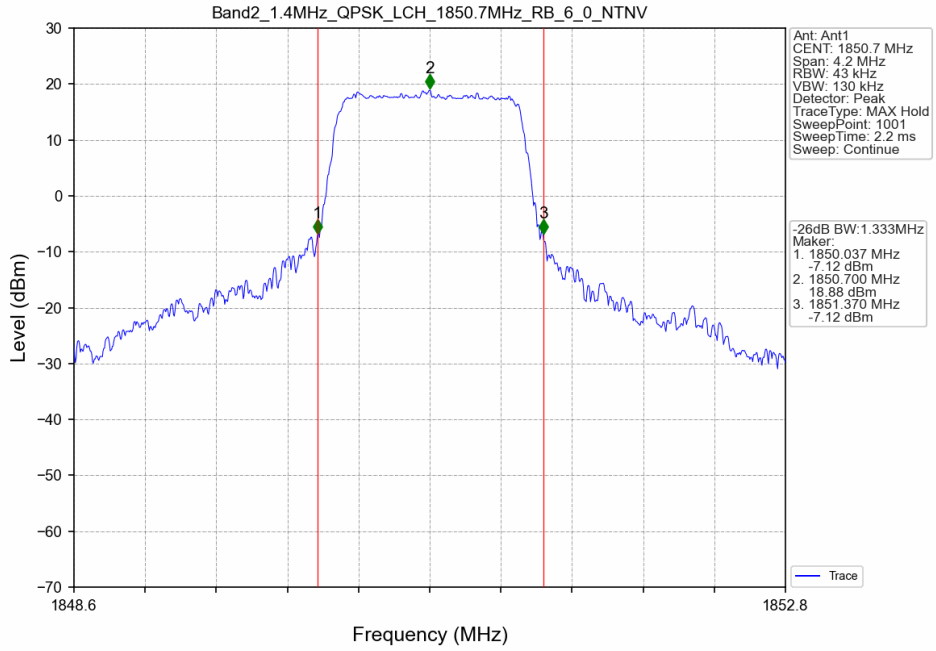
3.2 Band2_XDB

3.2.1 Test Result

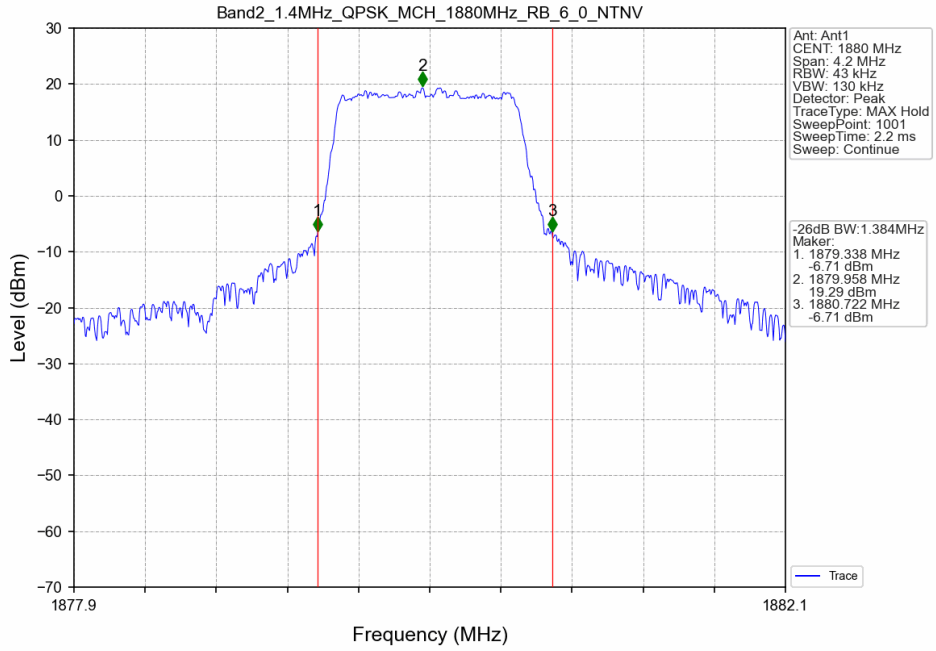
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.333	/	Pass
		1880	6	0	1.384	/	Pass
		1909.3	6	0	1.520	/	Pass
	16QAM	1850.7	6	0	1.588	/	Pass
		1880	6	0	1.502	/	Pass
		1909.3	6	0	1.333	/	Pass
3	QPSK	1851.5	15	0	3.531	/	Pass
		1880	15	0	3.347	/	Pass
		1908.5	15	0	3.459	/	Pass
	16QAM	1851.5	15	0	3.440	/	Pass
		1880	15	0	3.502	/	Pass
		1908.5	15	0	3.622	/	Pass
5	QPSK	1852.5	25	0	6.039	/	Pass
		1880	25	0	5.674	/	Pass
		1907.5	25	0	5.997	/	Pass
	16QAM	1852.5	25	0	5.810	/	Pass
		1880	25	0	5.948	/	Pass
		1907.5	25	0	5.964	/	Pass
10	QPSK	1855	50	0	10.752	/	Pass
		1880	50	0	10.495	/	Pass
		1905	50	0	10.599	/	Pass
	16QAM	1855	50	0	10.636	/	Pass
		1880	50	0	10.357	/	Pass
		1905	50	0	10.206	/	Pass
15	QPSK	1857.5	75	0	16.048	/	Pass
		1880	75	0	15.826	/	Pass
		1902.5	75	0	16.383	/	Pass
	16QAM	1857.5	75	0	15.524	/	Pass
		1880	75	0	15.597	/	Pass
		1902.5	75	0	15.419	/	Pass
20	QPSK	1860	100	0	20.301	/	Pass
		1880	100	0	20.814	/	Pass
		1900	100	0	20.625	/	Pass
	16QAM	1860	100	0	20.207	/	Pass
		1880	100	0	20.789	/	Pass
		1900	100	0	20.866	/	Pass

3.2.2 Test Graph

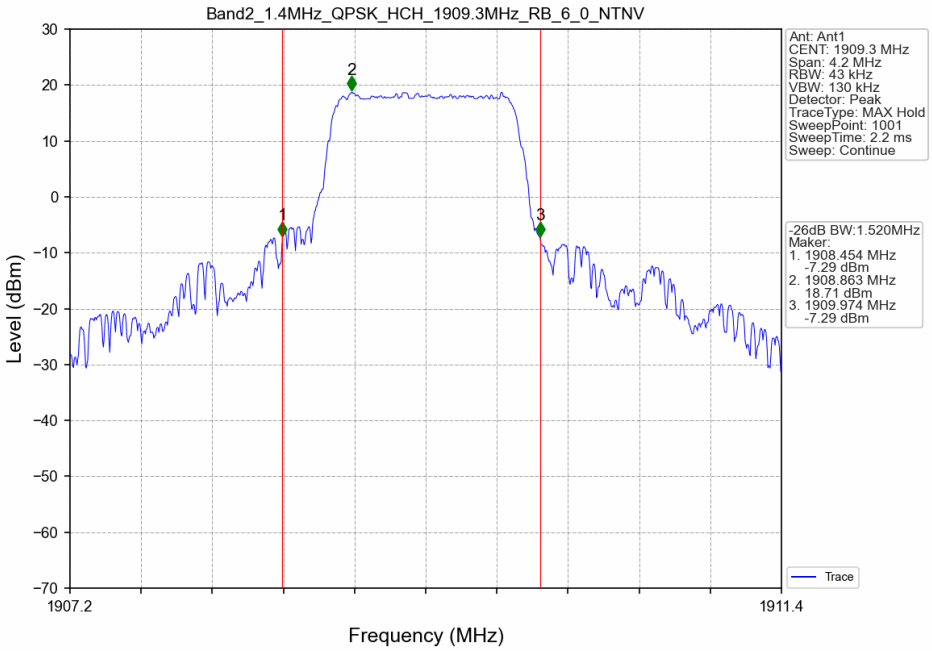
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



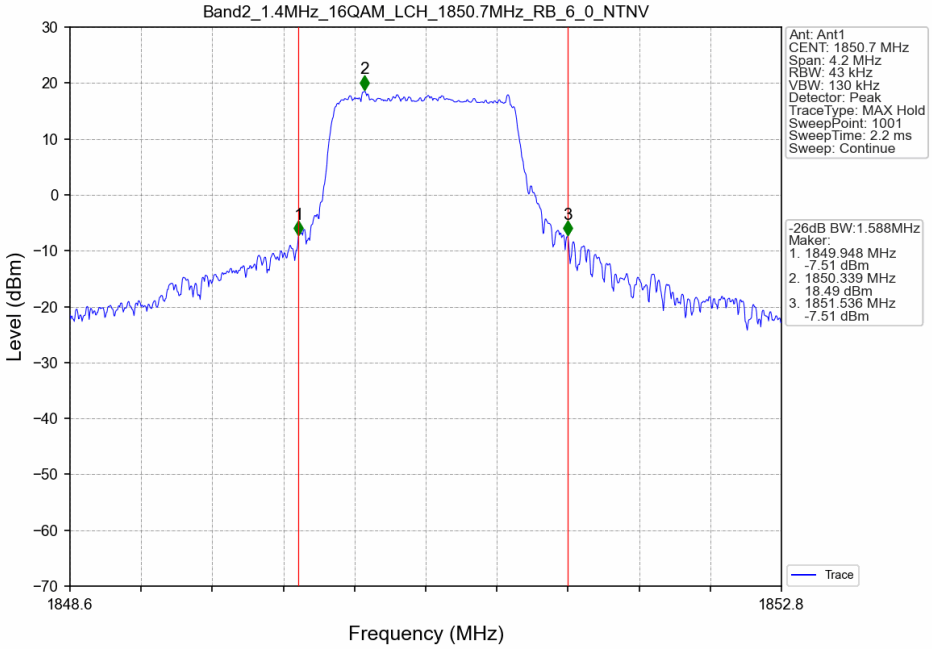
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



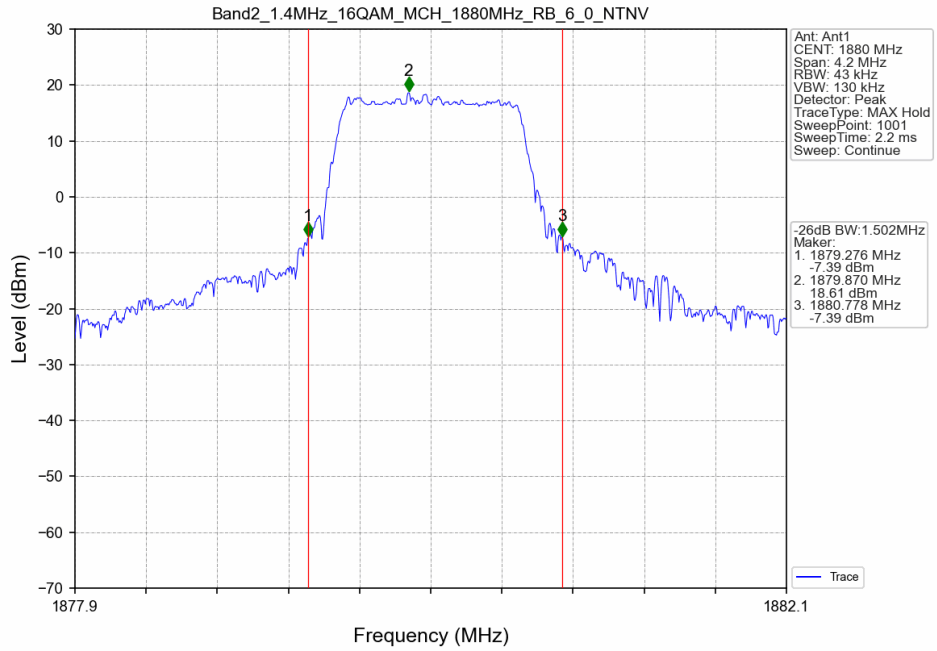
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



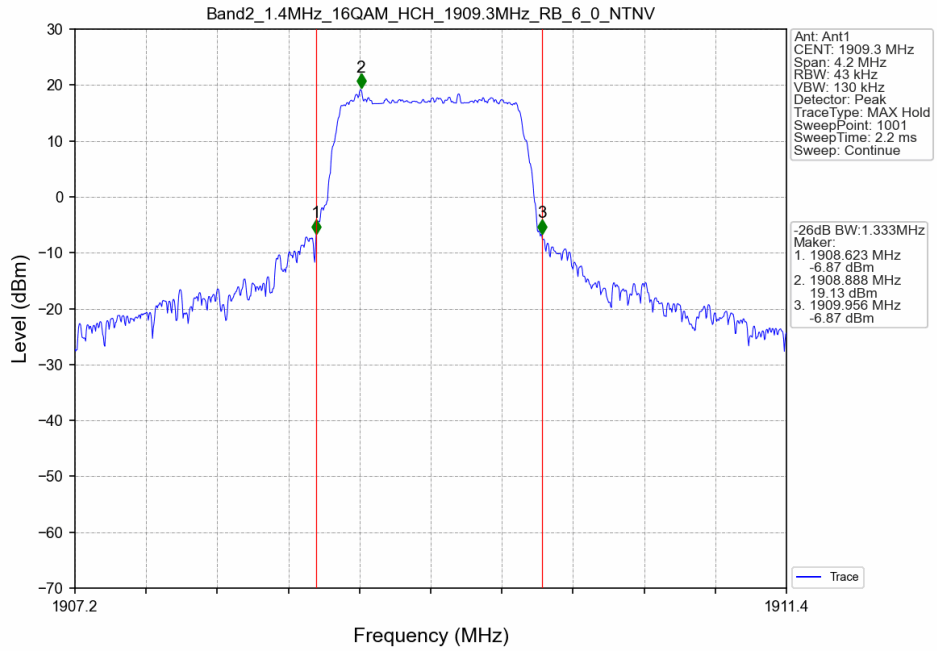
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



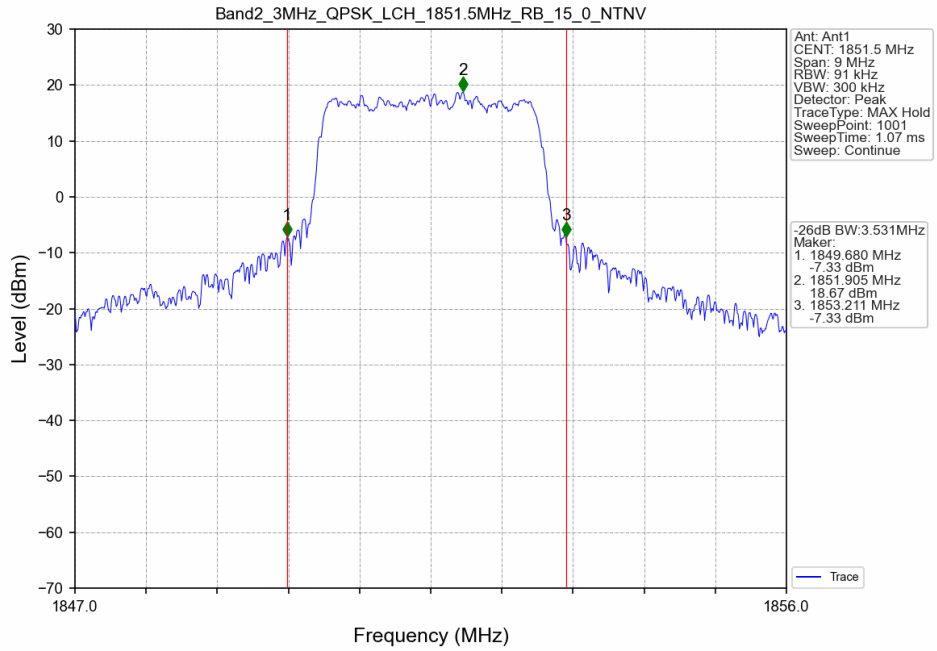
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



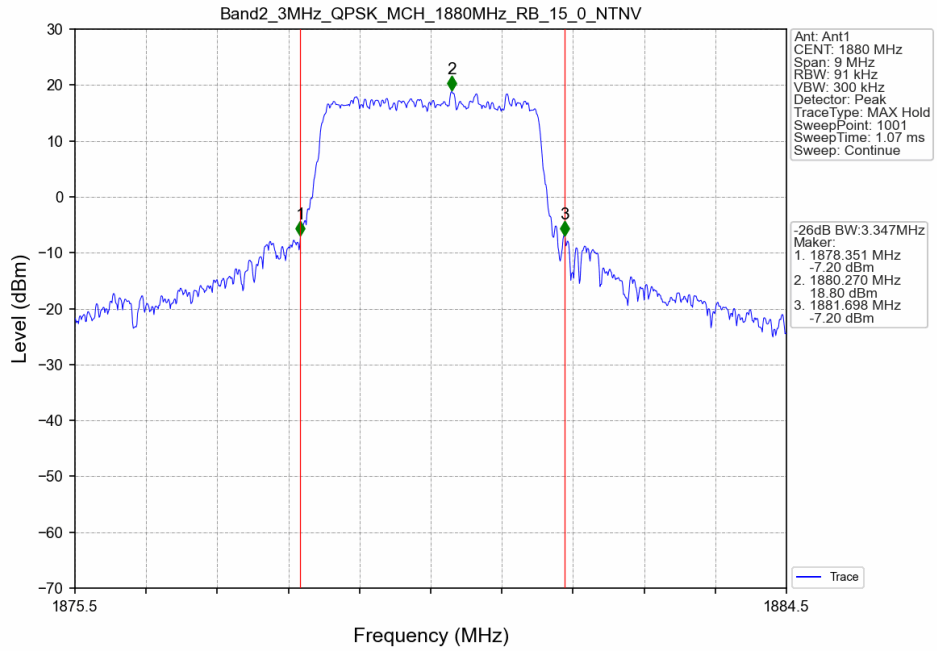
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



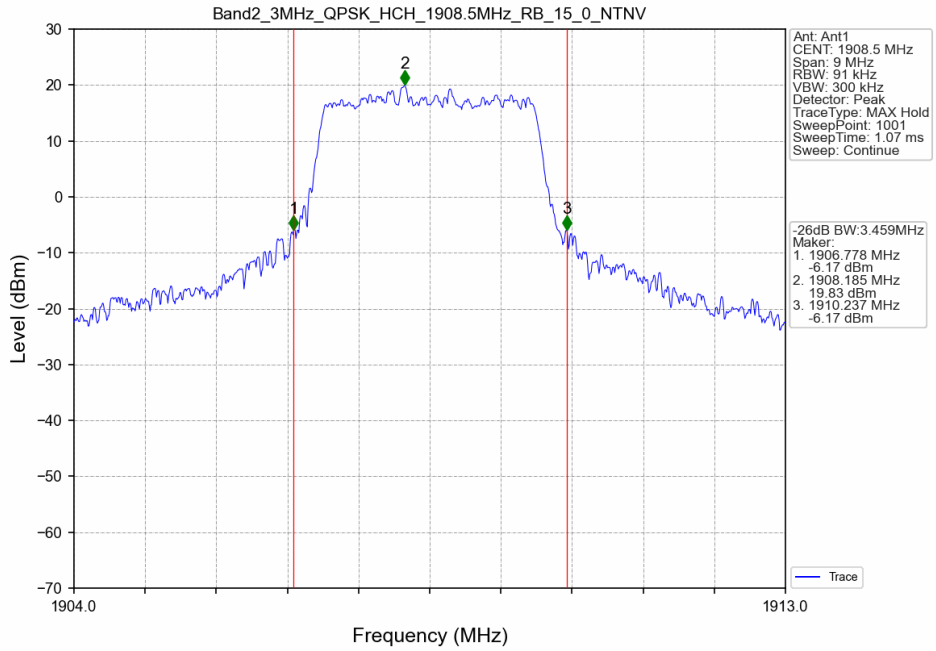
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



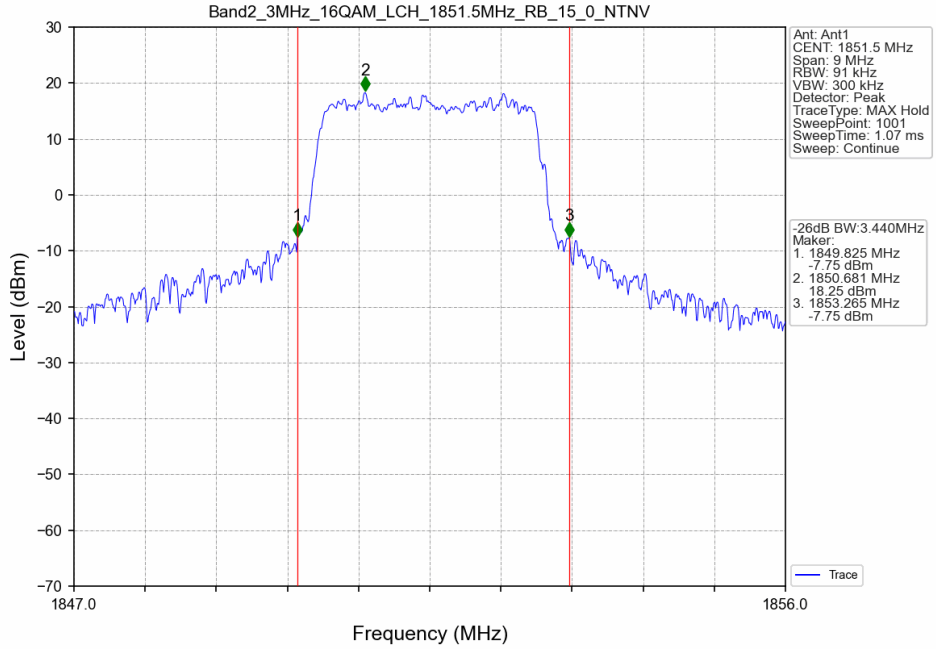
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



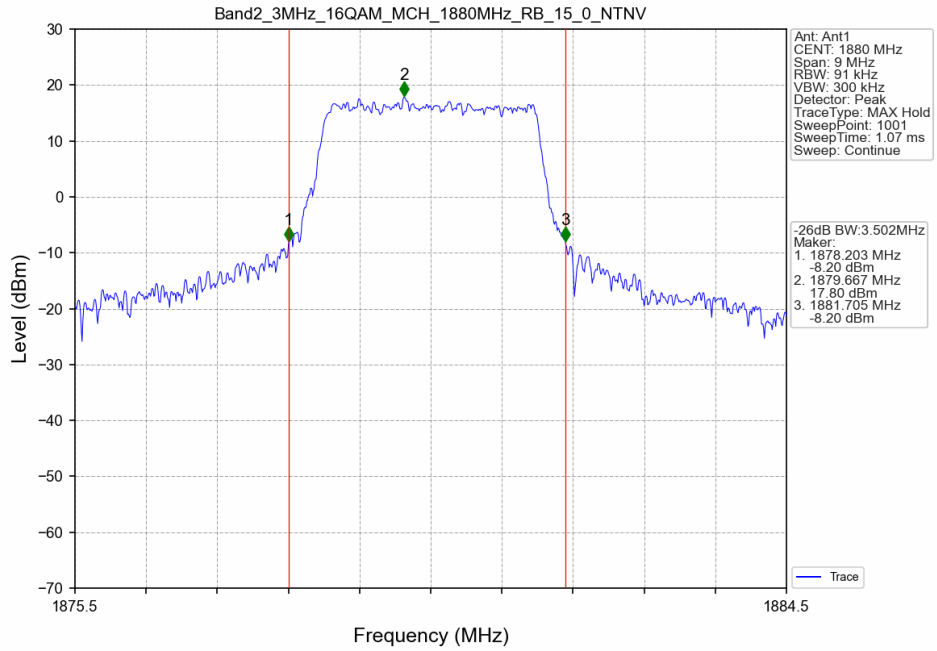
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



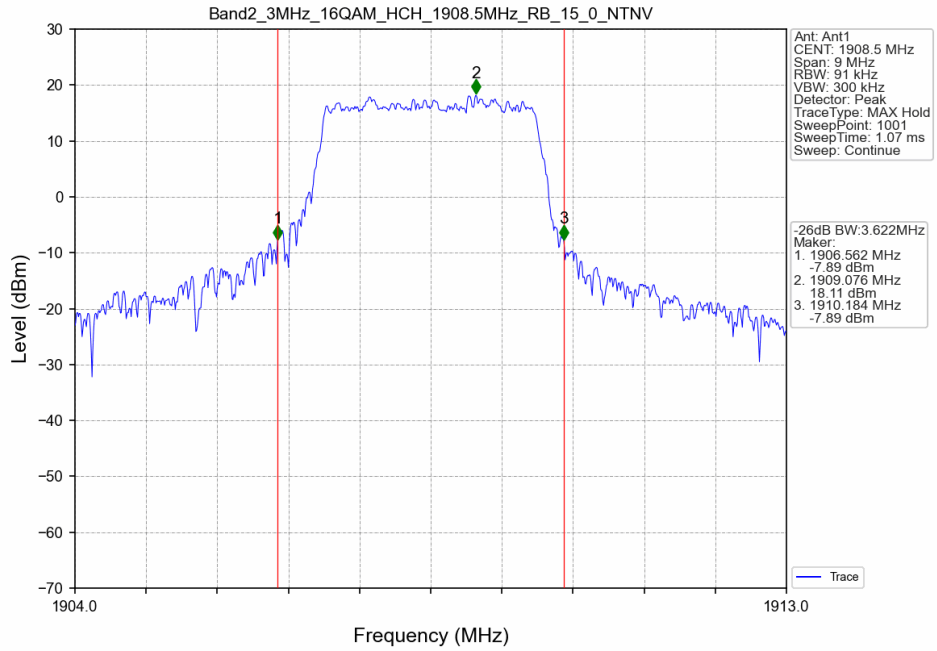
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



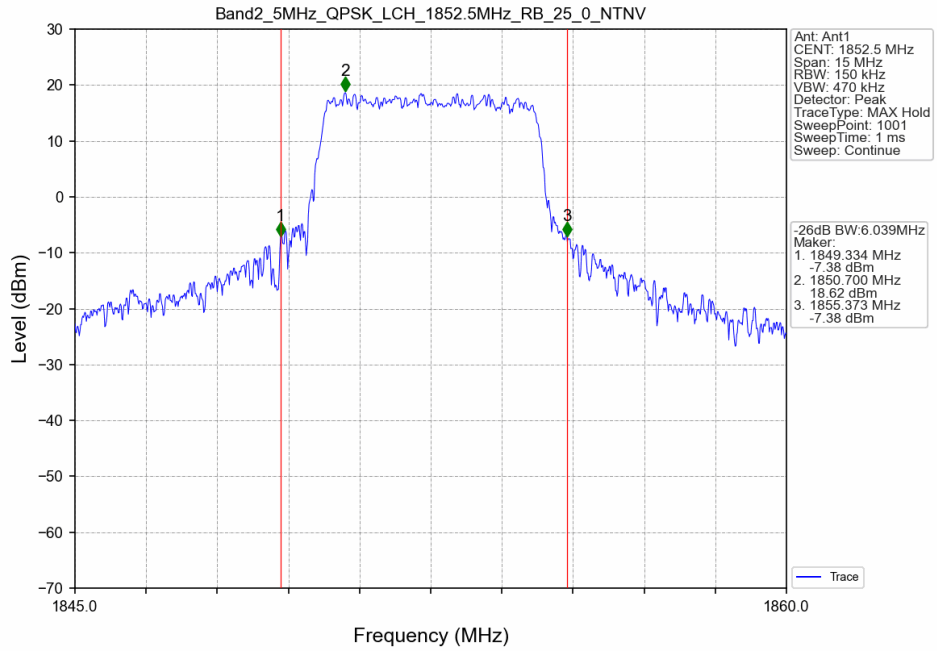
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



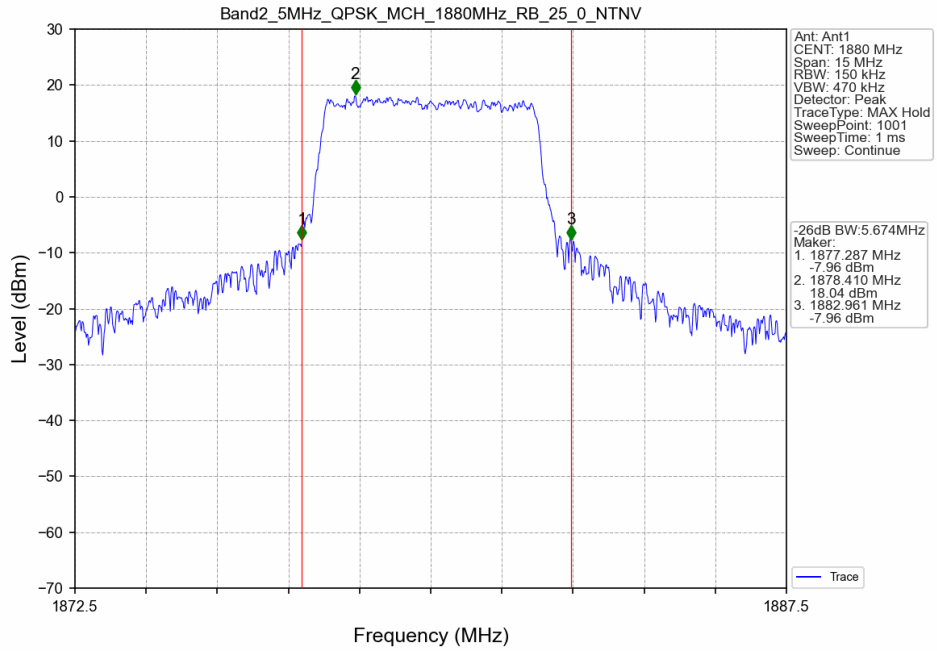
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



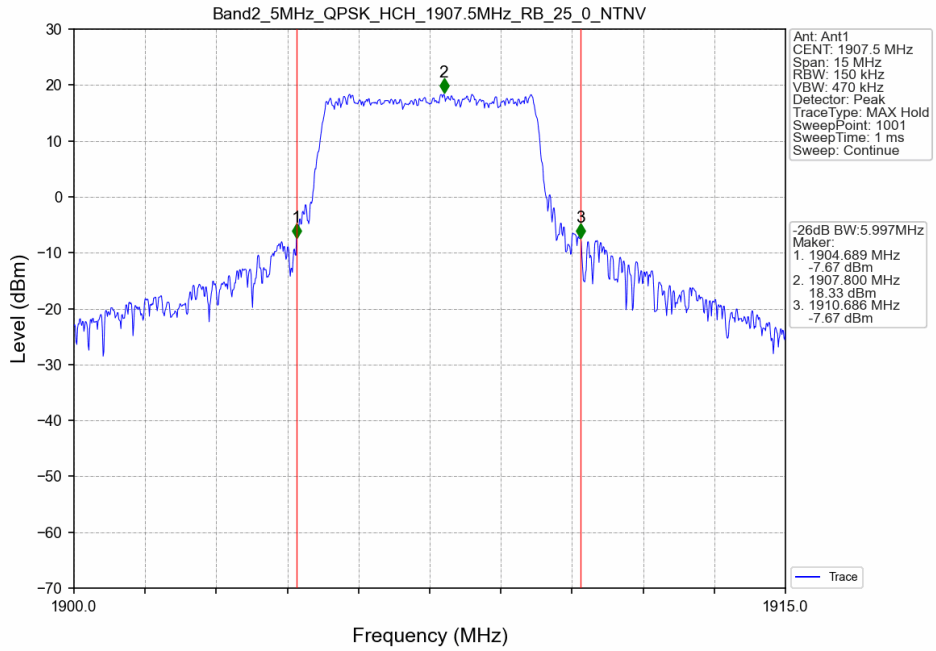
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



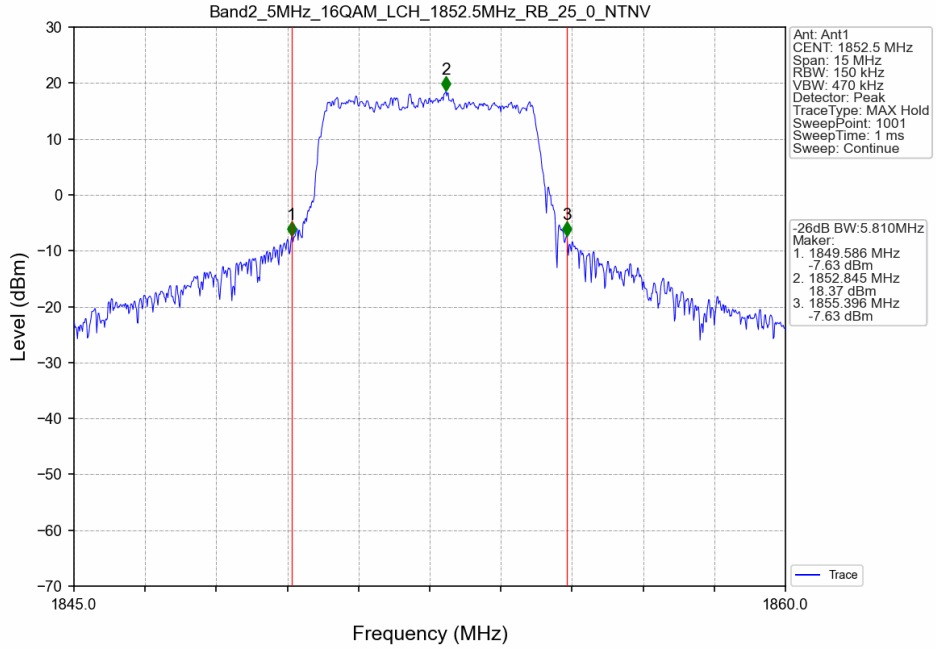
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



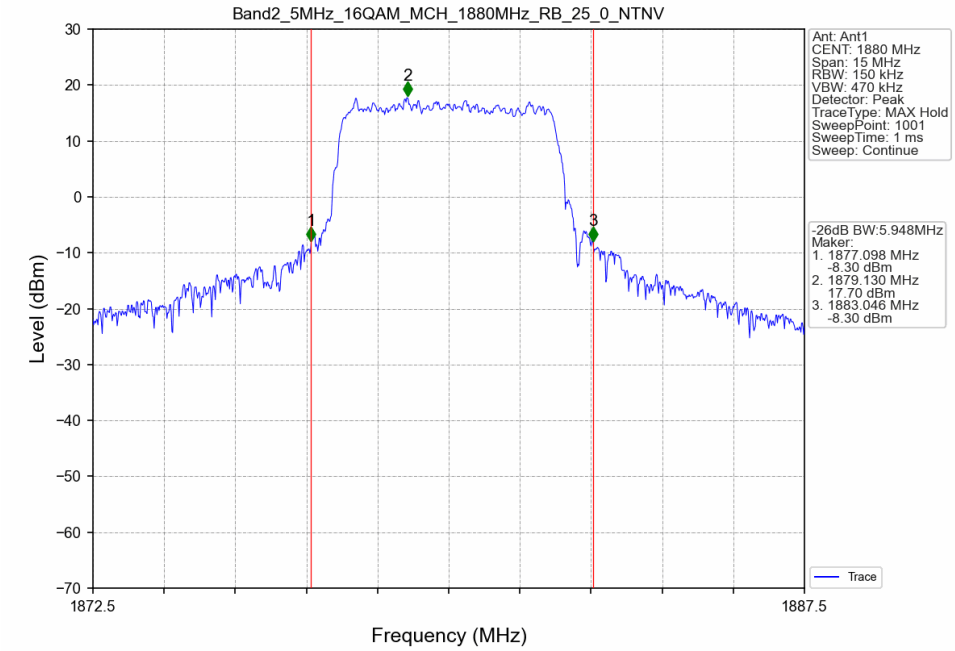
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



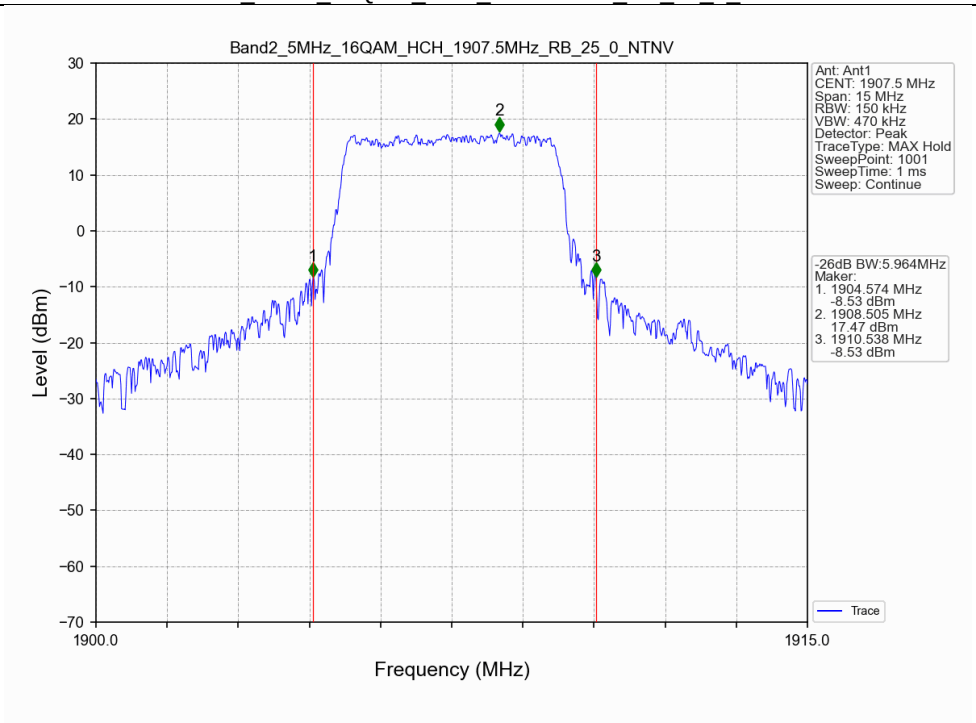
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



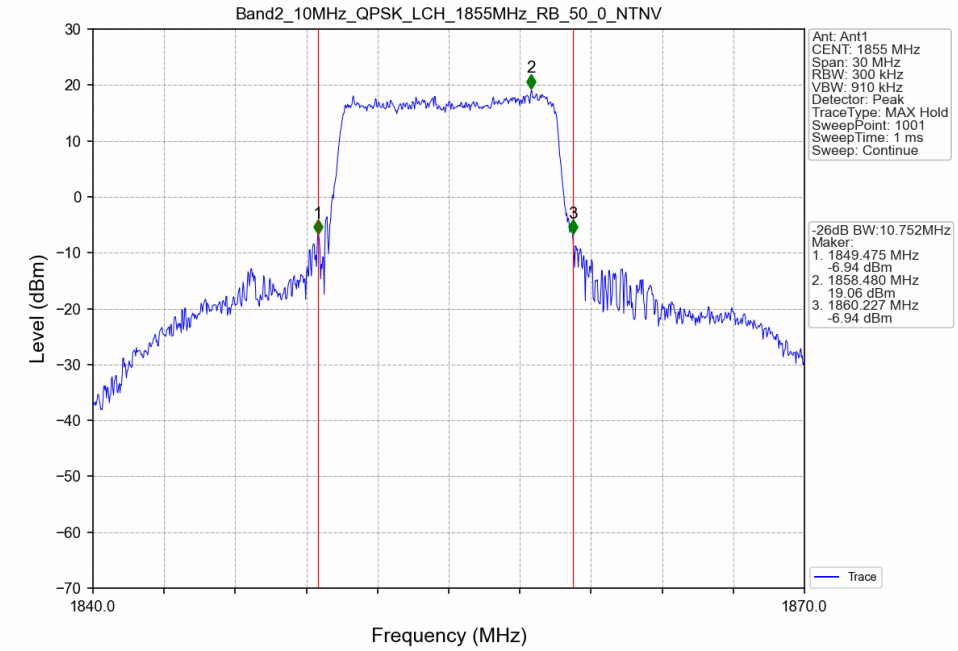
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



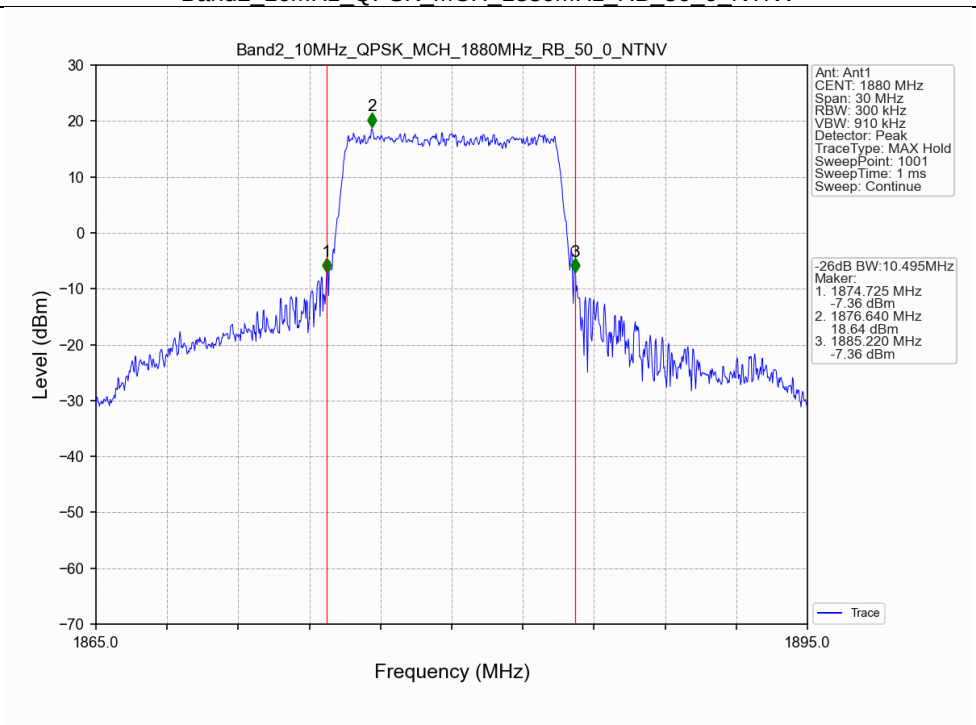
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



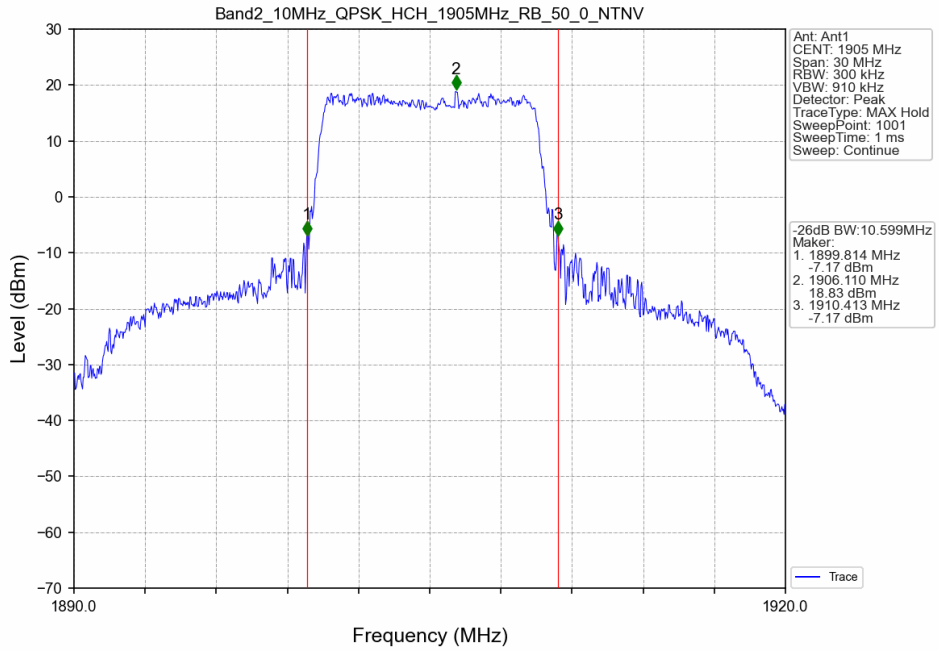
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



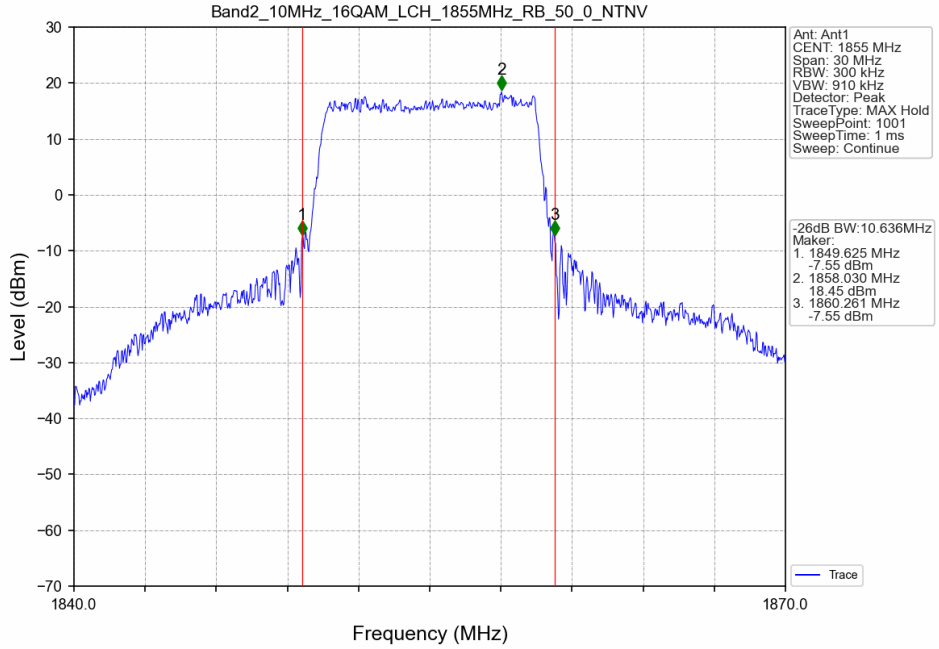
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



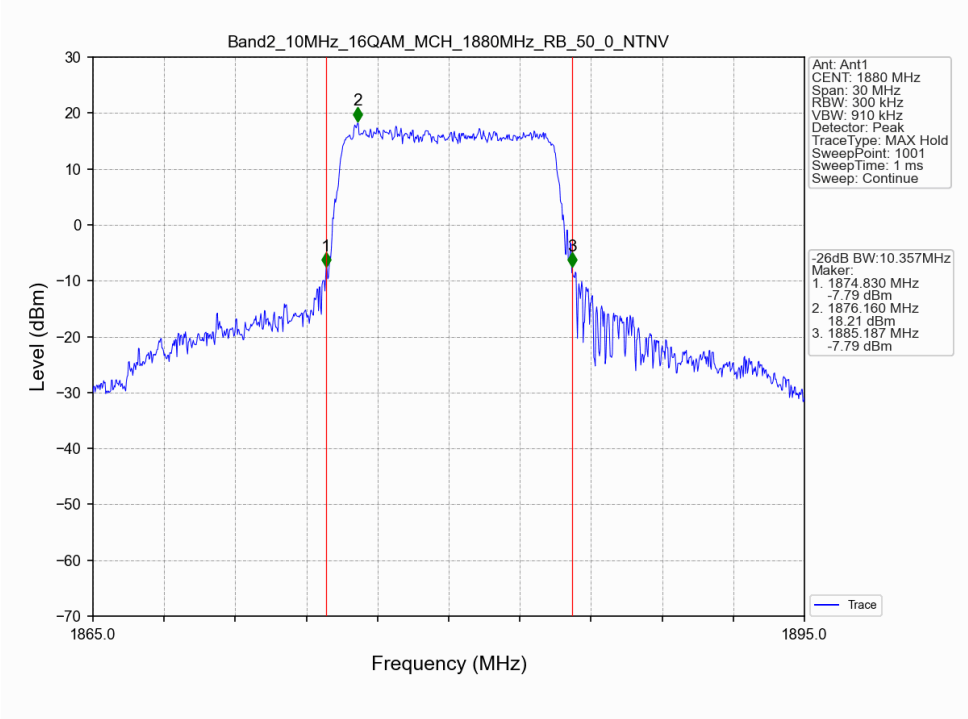
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



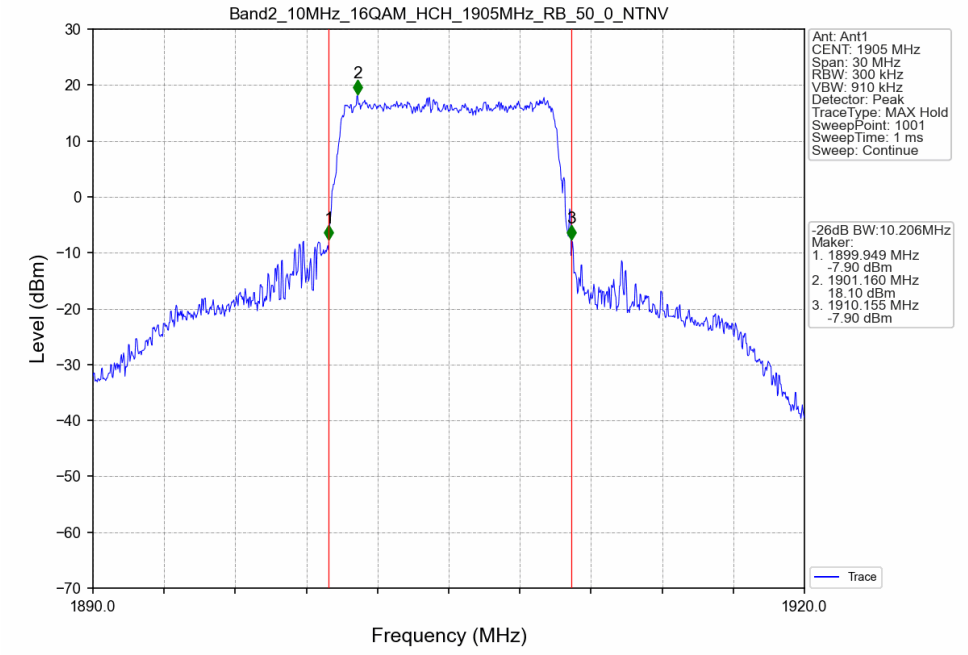
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



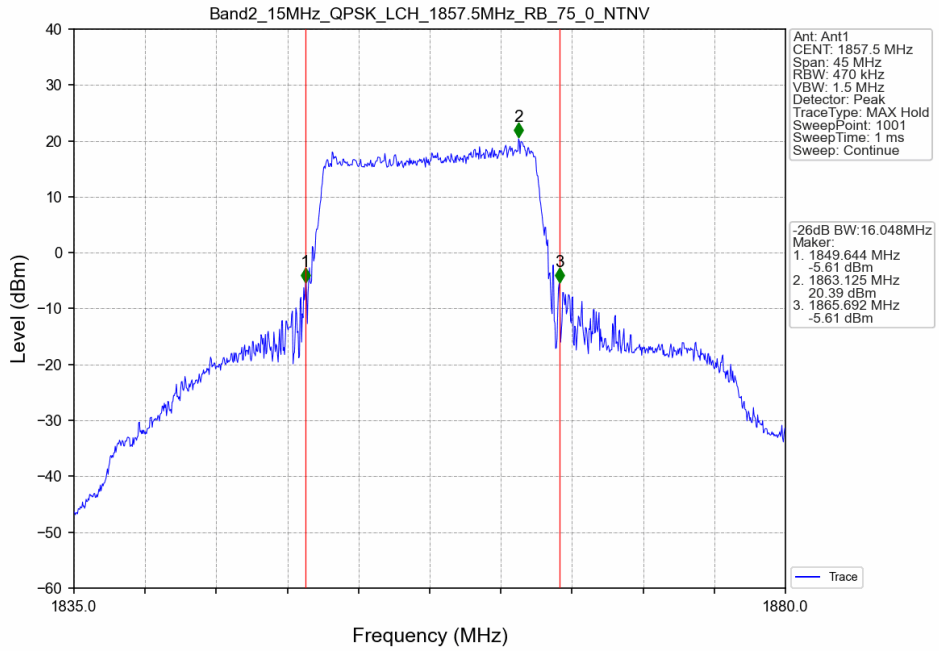
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



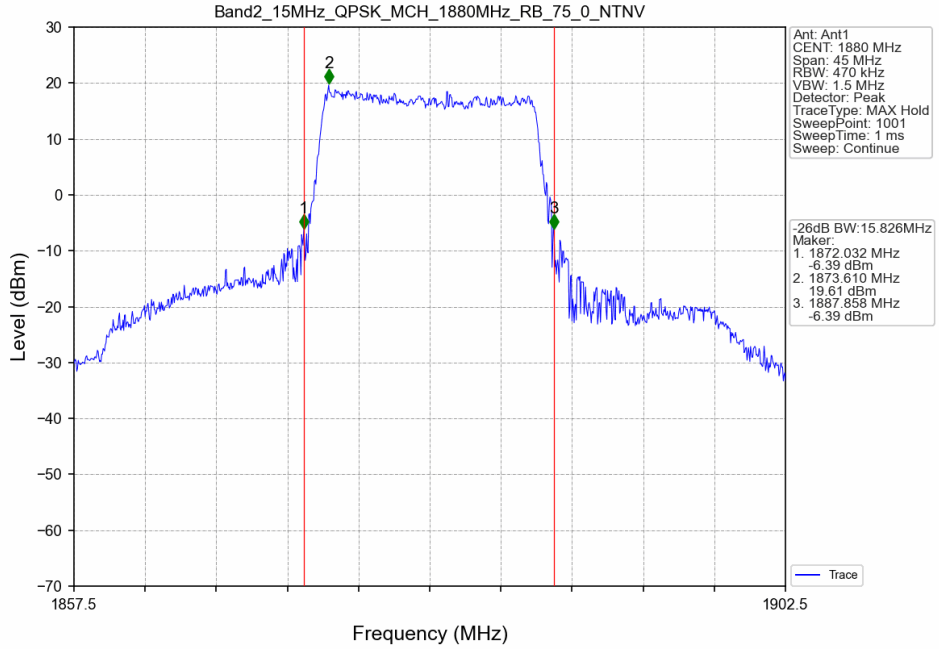
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



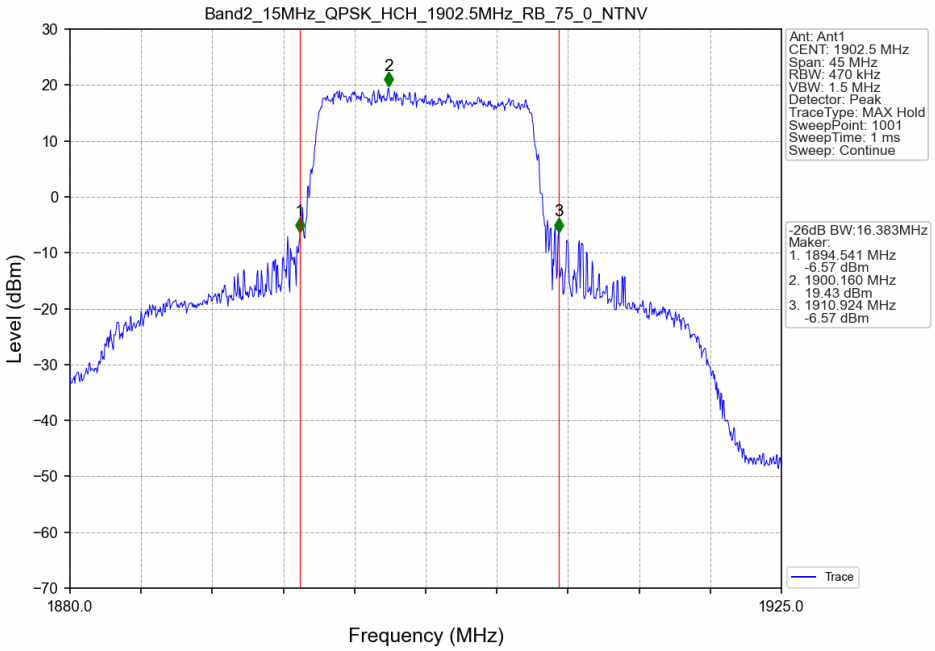
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



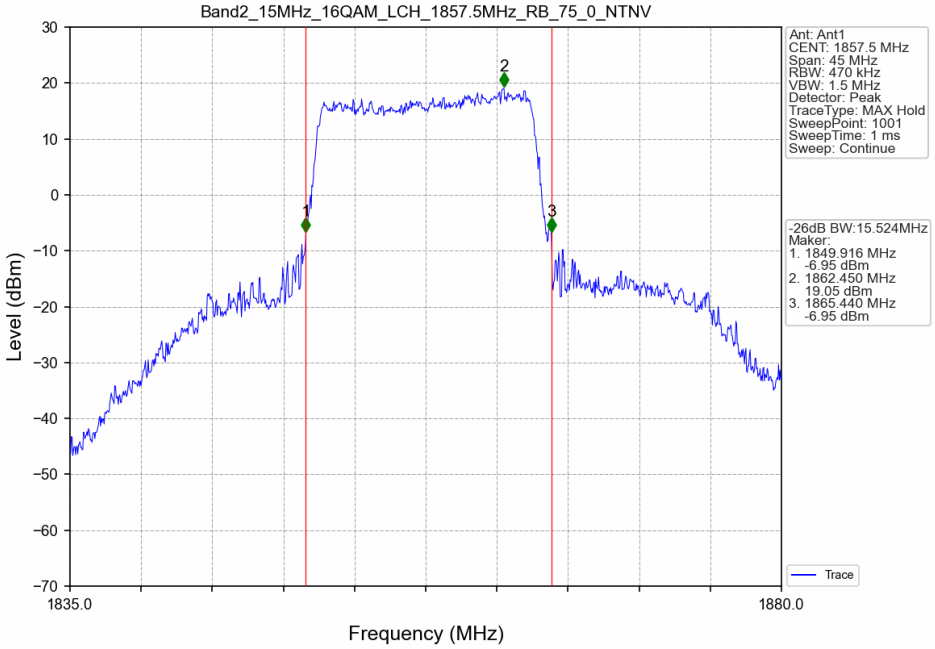
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



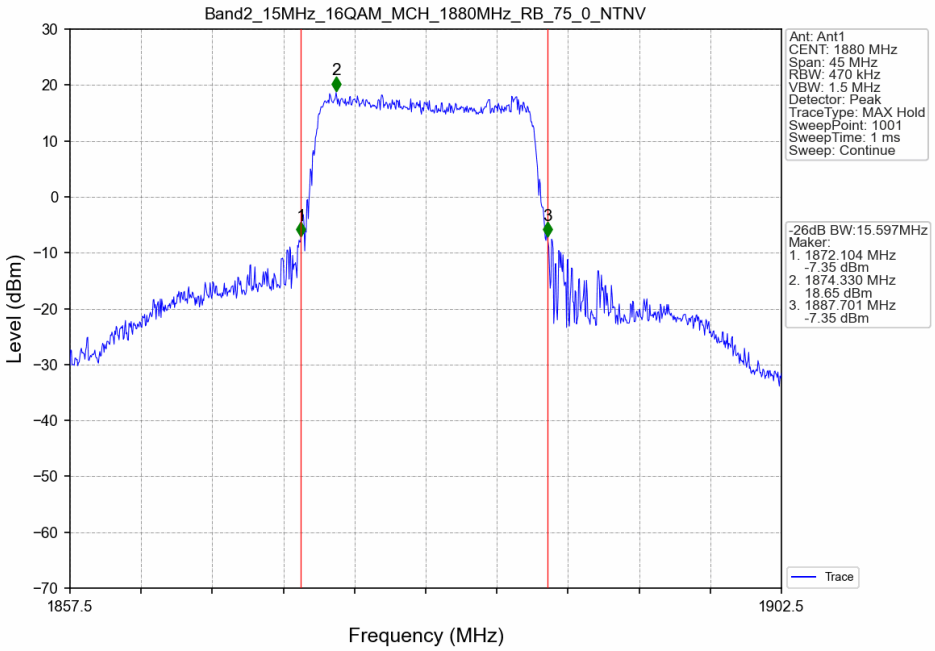
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



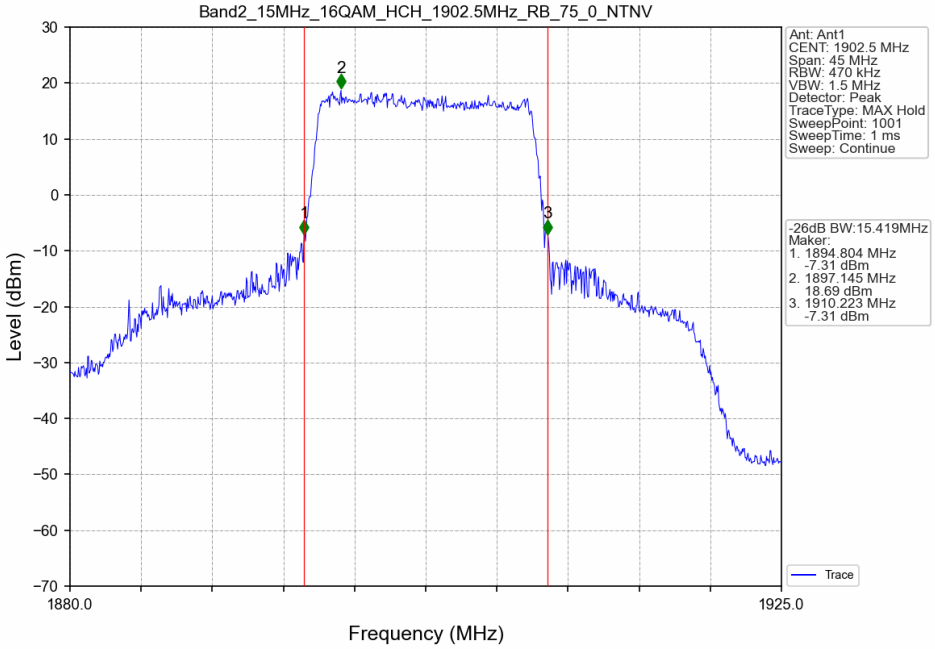
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



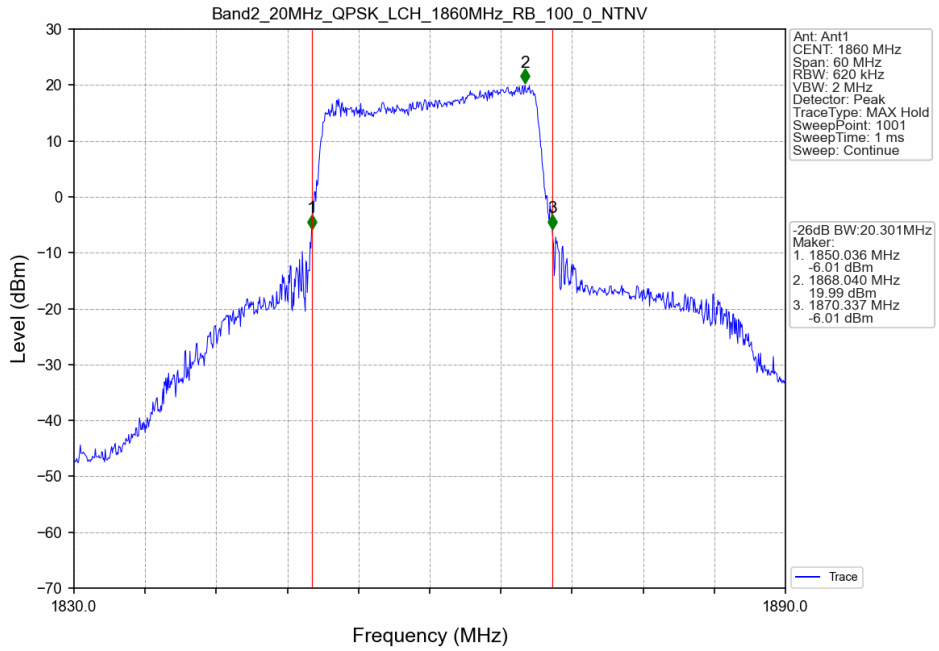
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



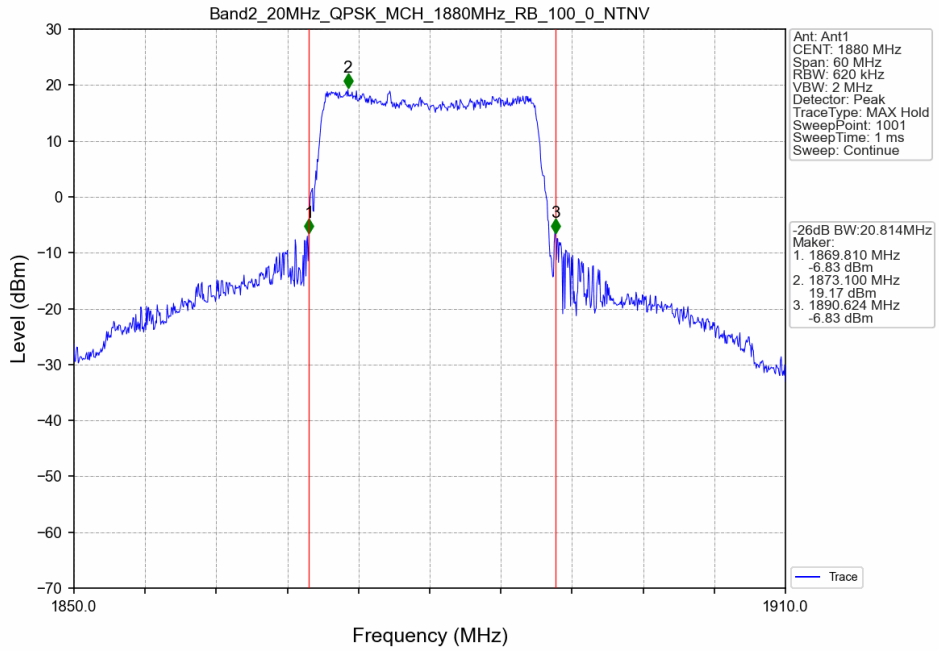
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



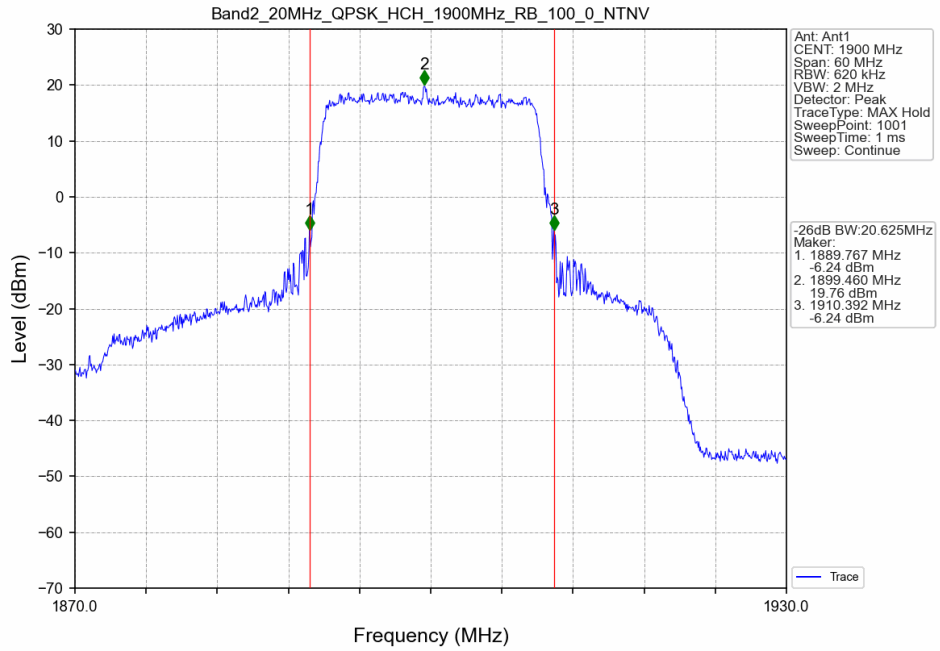
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



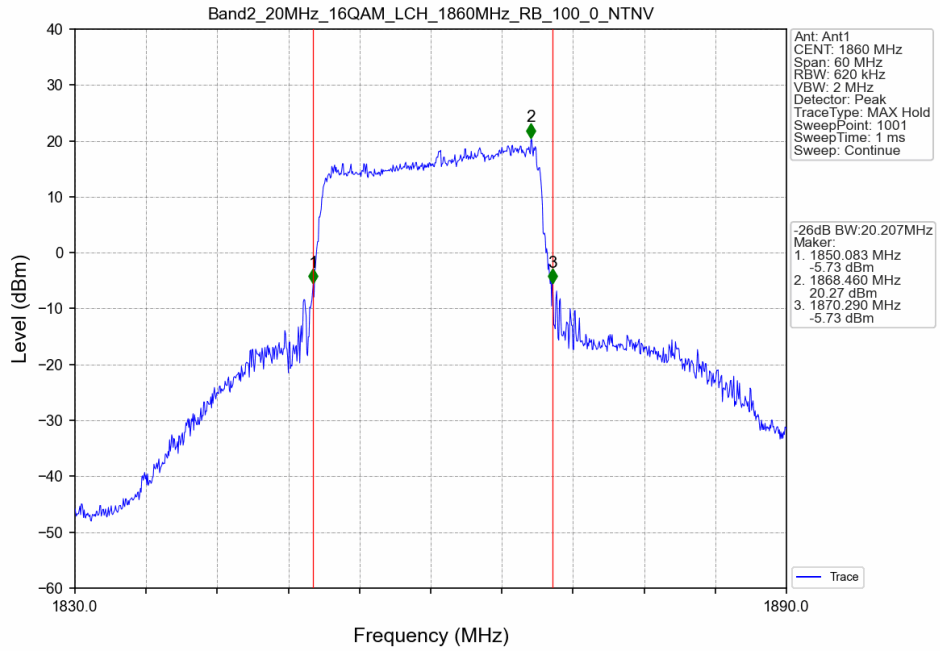
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



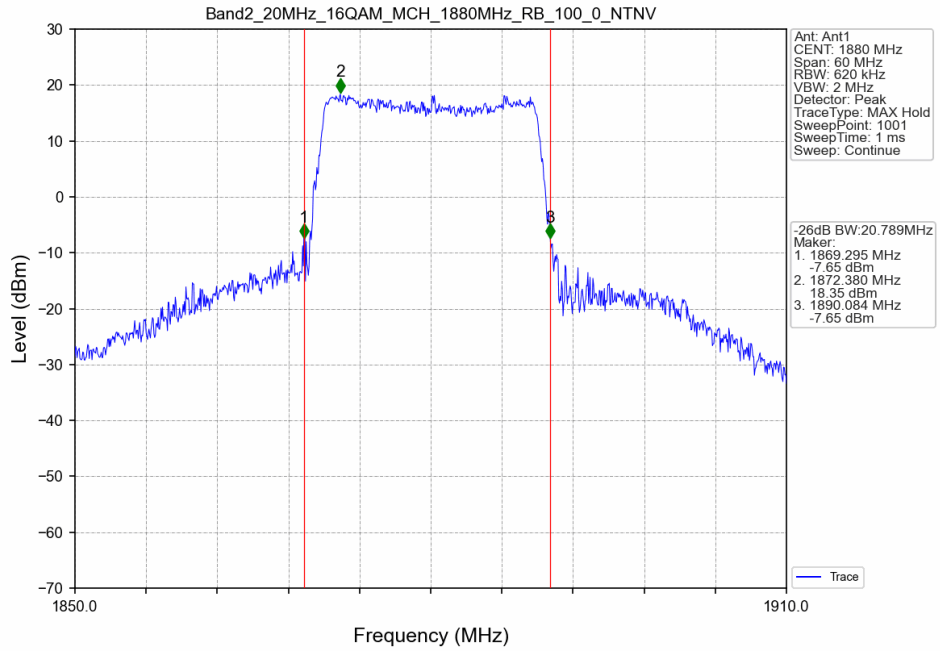
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



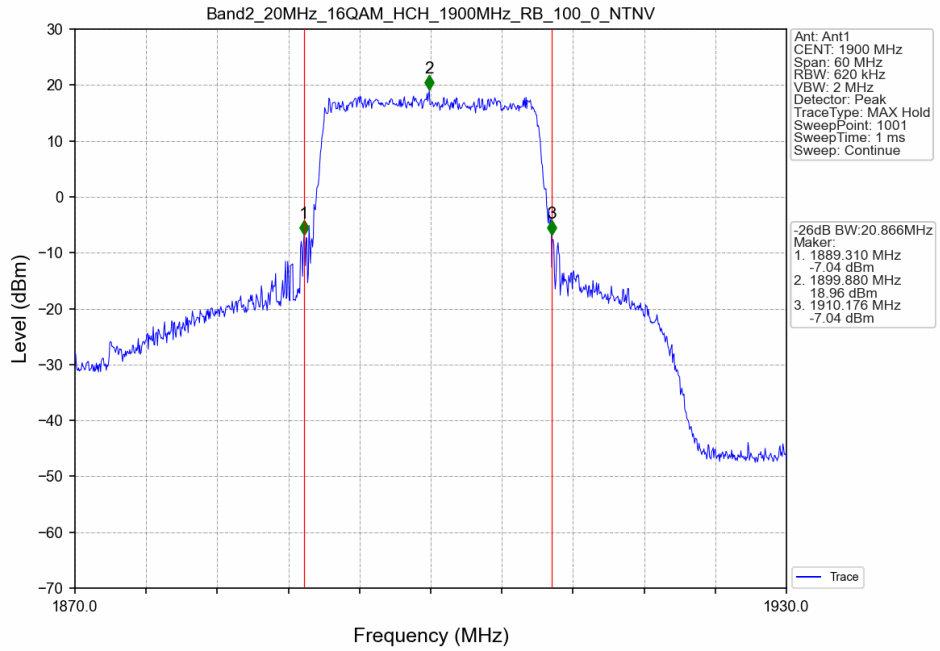
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

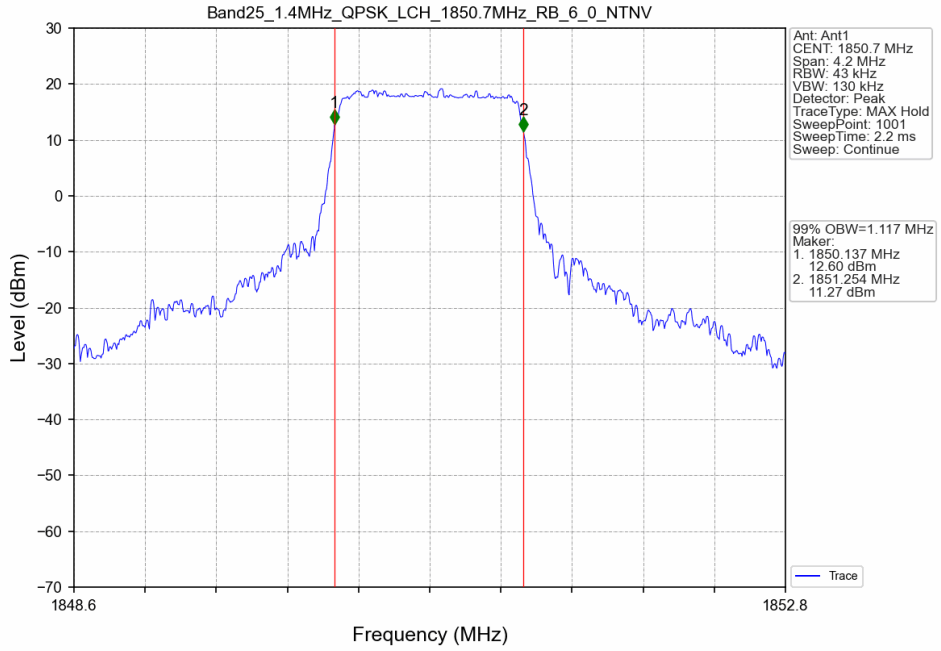
4.1 Band25_OBW

4.1.1 Test Result

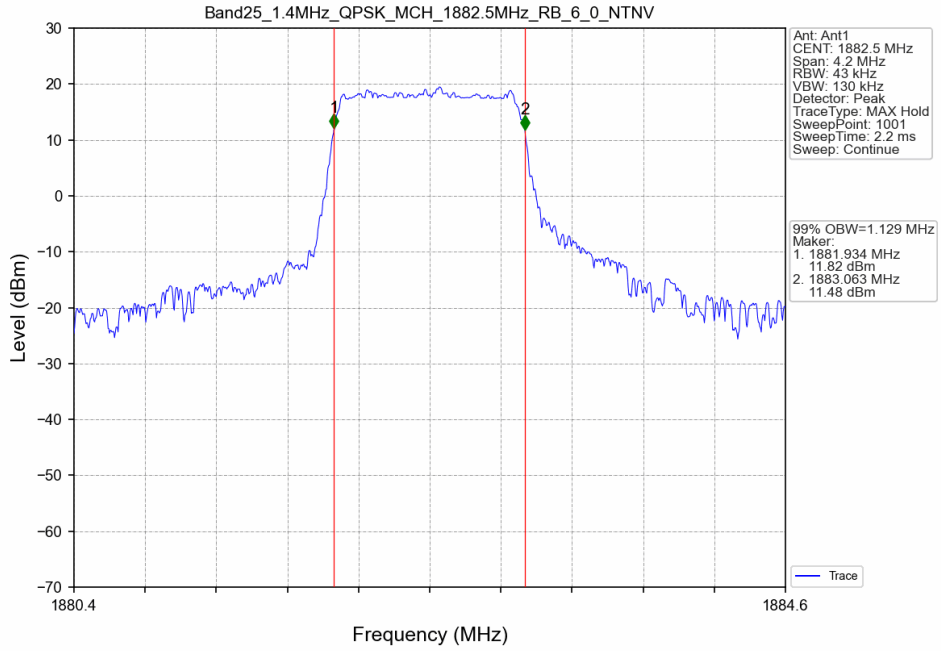
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.117	/	Pass
		1882.5	6	0	1.129	/	Pass
		1914.3	6	0	1.122	/	Pass
	16QAM	1850.7	6	0	1.124	/	Pass
		1882.5	6	0	1.134	/	Pass
		1914.3	6	0	1.131	/	Pass
3	QPSK	1851.5	15	0	2.785	/	Pass
		1882.5	15	0	2.768	/	Pass
		1913.5	15	0	2.771	/	Pass
	16QAM	1851.5	15	0	2.792	/	Pass
		1882.5	15	0	2.783	/	Pass
		1913.5	15	0	2.777	/	Pass
5	QPSK	1852.5	25	0	4.590	/	Pass
		1882.5	25	0	4.572	/	Pass
		1912.5	25	0	4.551	/	Pass
	16QAM	1852.5	25	0	4.593	/	Pass
		1882.5	25	0	4.607	/	Pass
		1912.5	25	0	4.604	/	Pass
10	QPSK	1855	50	0	9.086	/	Pass
		1882.5	50	0	9.081	/	Pass
		1910	50	0	9.085	/	Pass
	16QAM	1855	50	0	9.133	/	Pass
		1882.5	50	0	9.108	/	Pass
		1910	50	0	9.081	/	Pass
15	QPSK	1857.5	75	0	13.694	/	Pass
		1882.5	75	0	13.655	/	Pass
		1907.5	75	0	13.651	/	Pass
	16QAM	1857.5	75	0	13.689	/	Pass
		1882.5	75	0	13.707	/	Pass
		1907.5	75	0	13.654	/	Pass
20	QPSK	1860	100	0	18.199	/	Pass
		1882.5	100	0	18.252	/	Pass
		1905	100	0	18.164	/	Pass
	16QAM	1860	100	0	18.177	/	Pass
		1882.5	100	0	18.308	/	Pass
		1905	100	0	18.190	/	Pass

4.1.2 Test Graph

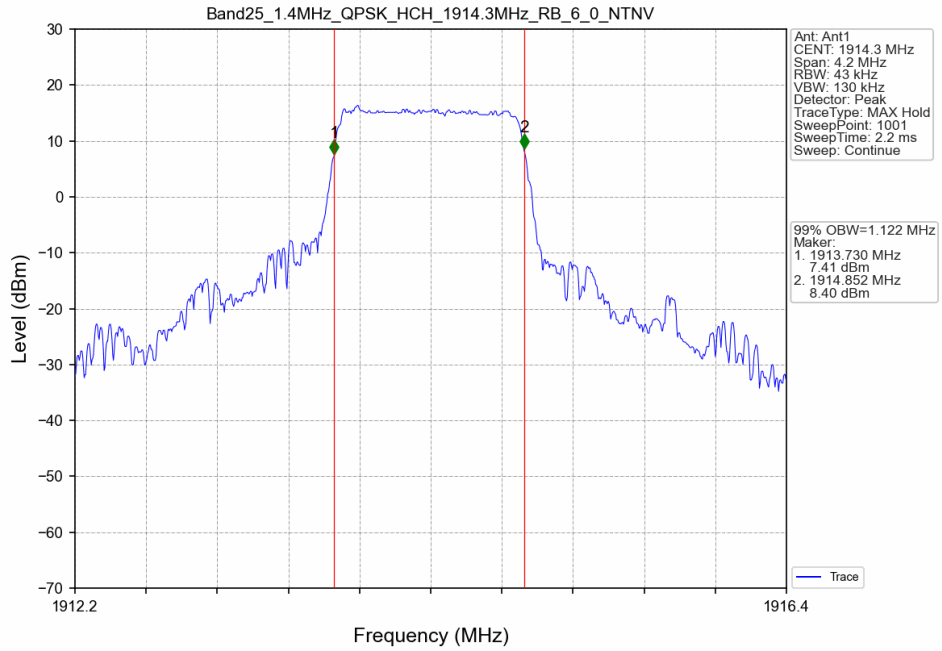
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



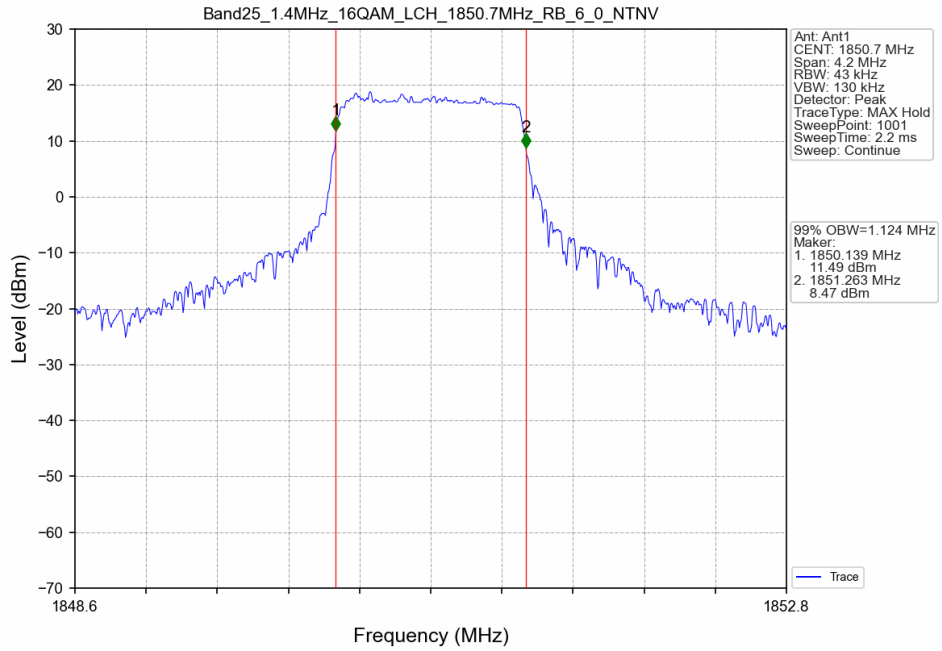
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



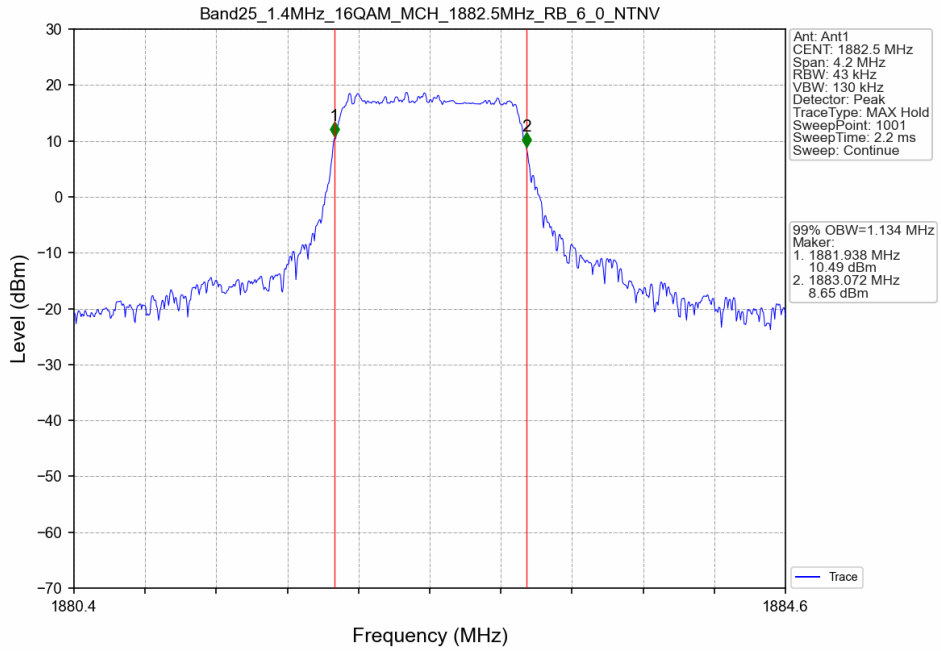
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



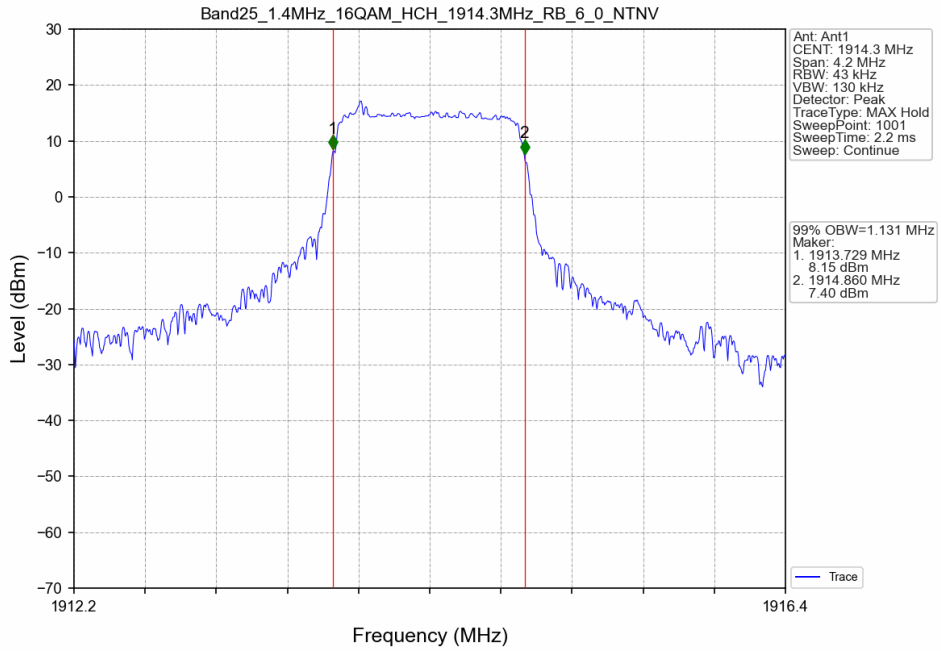
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



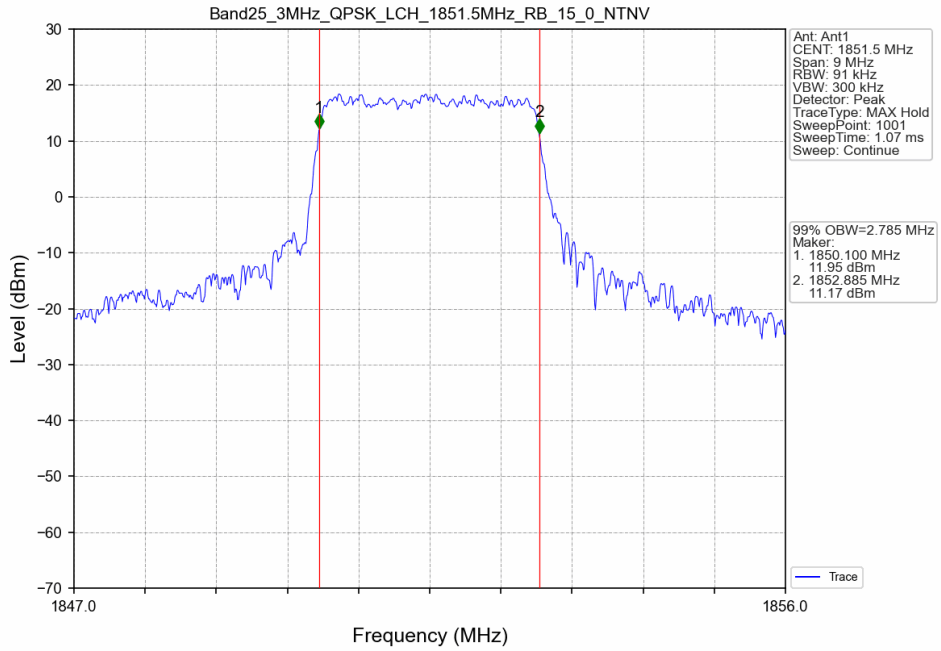
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



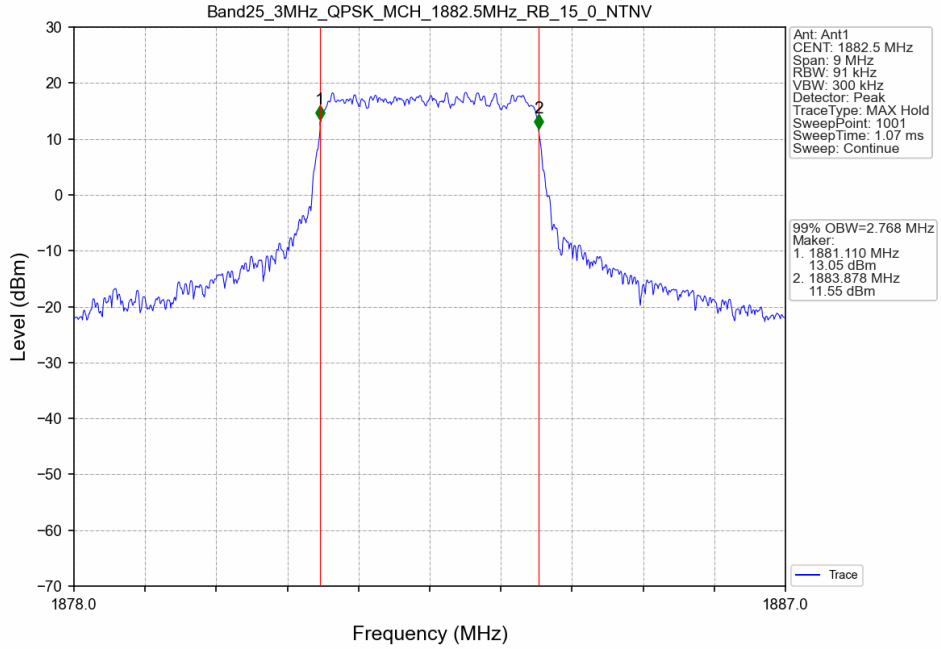
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



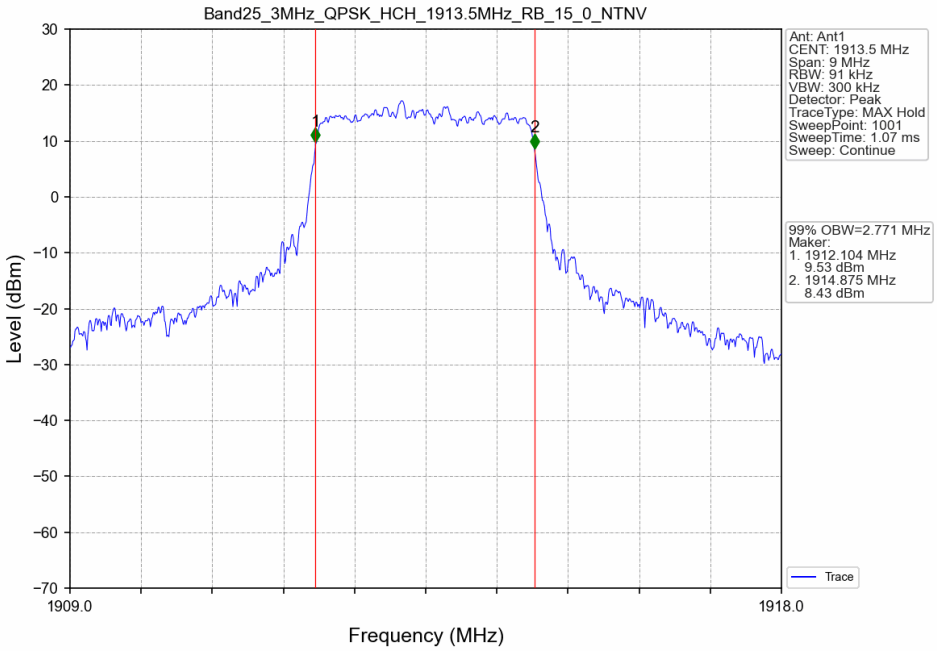
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



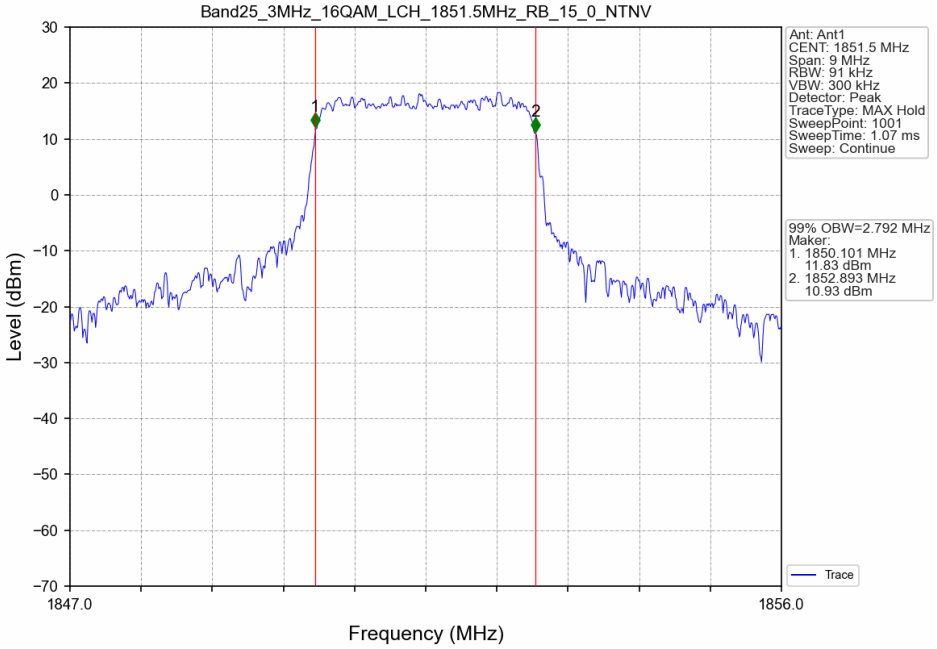
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



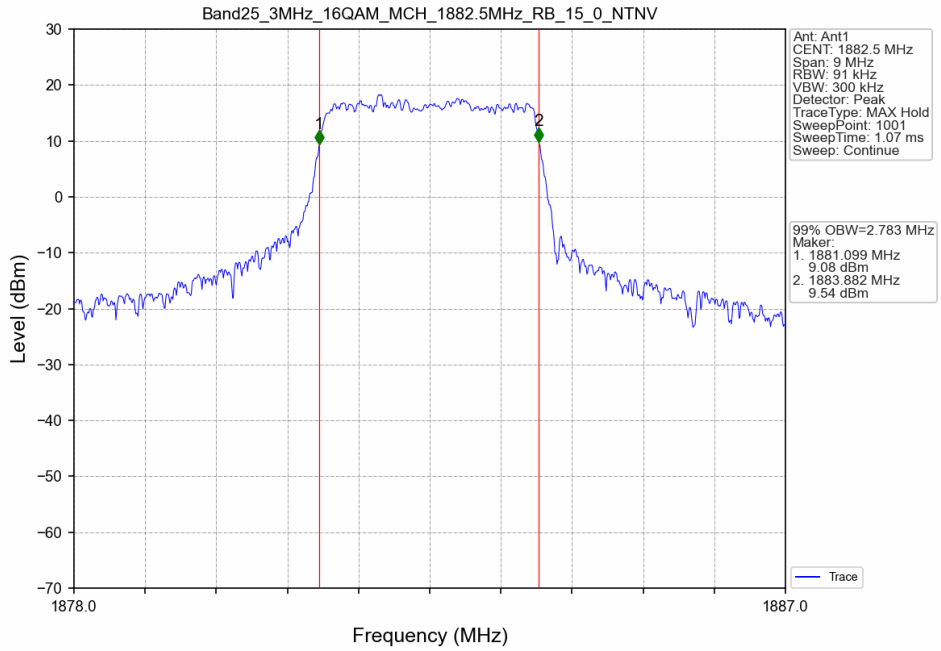
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



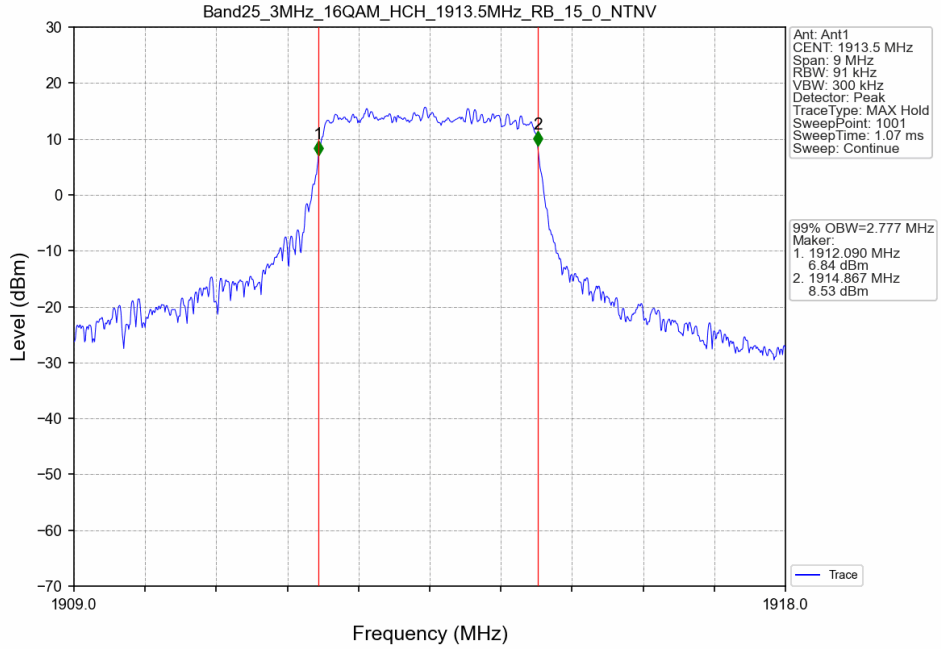
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



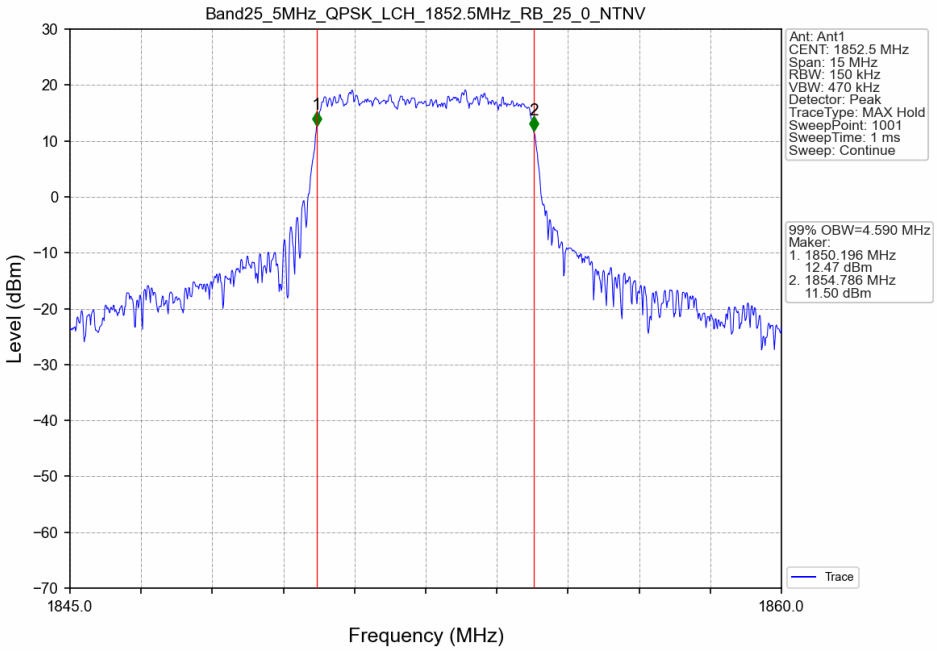
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



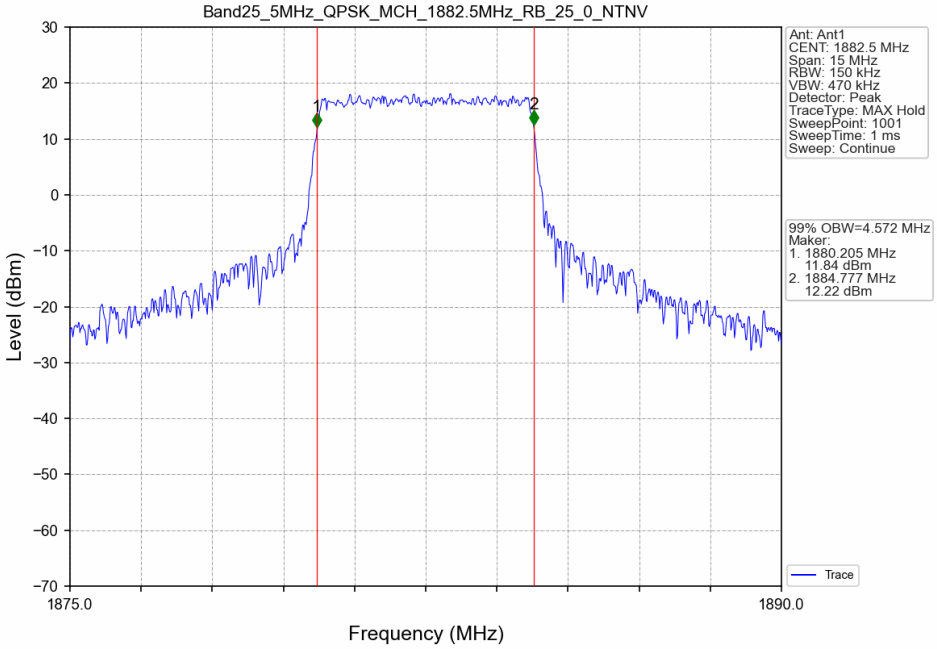
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



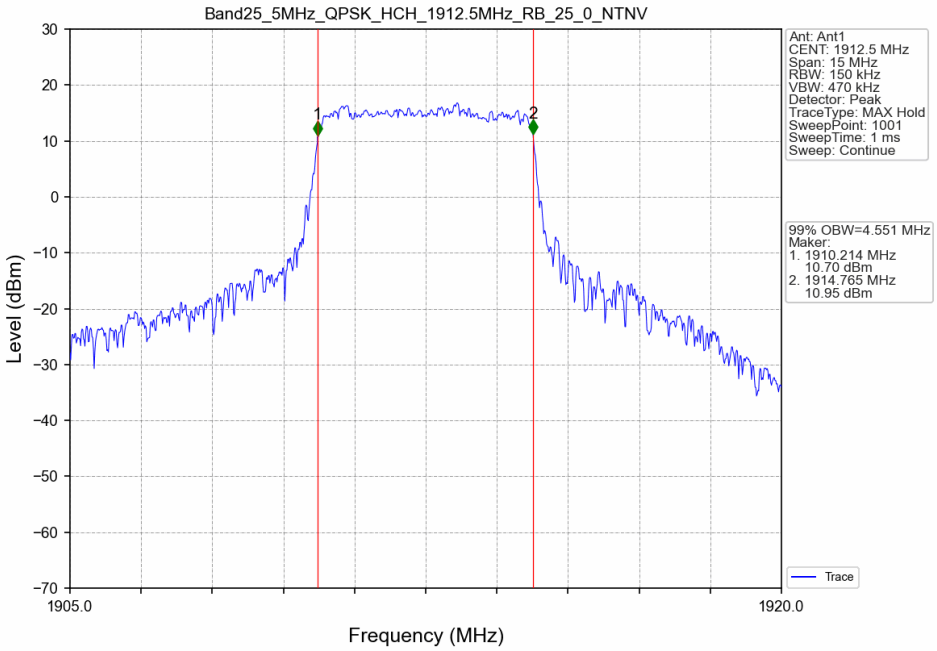
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



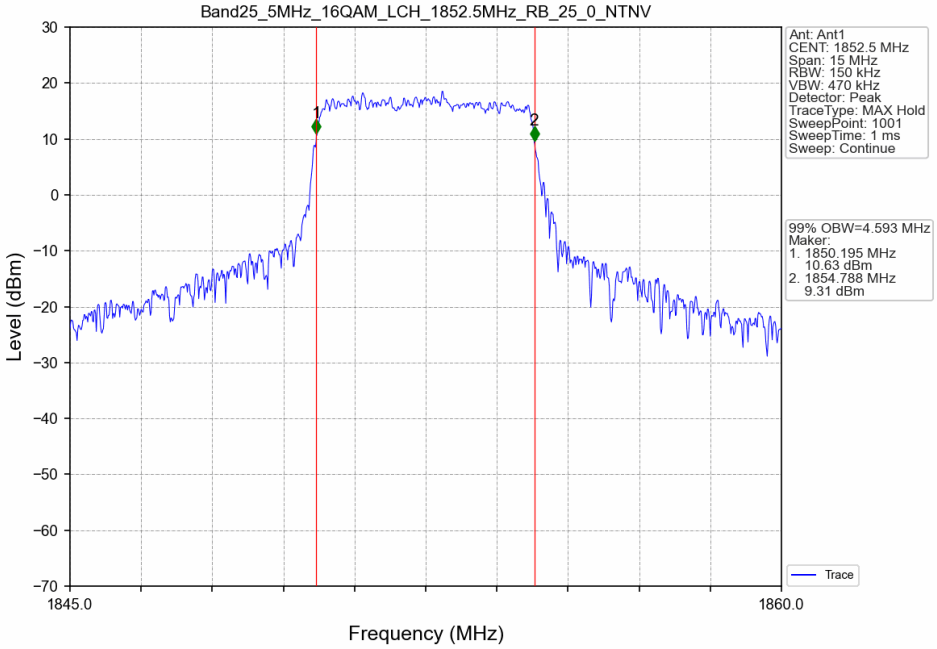
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



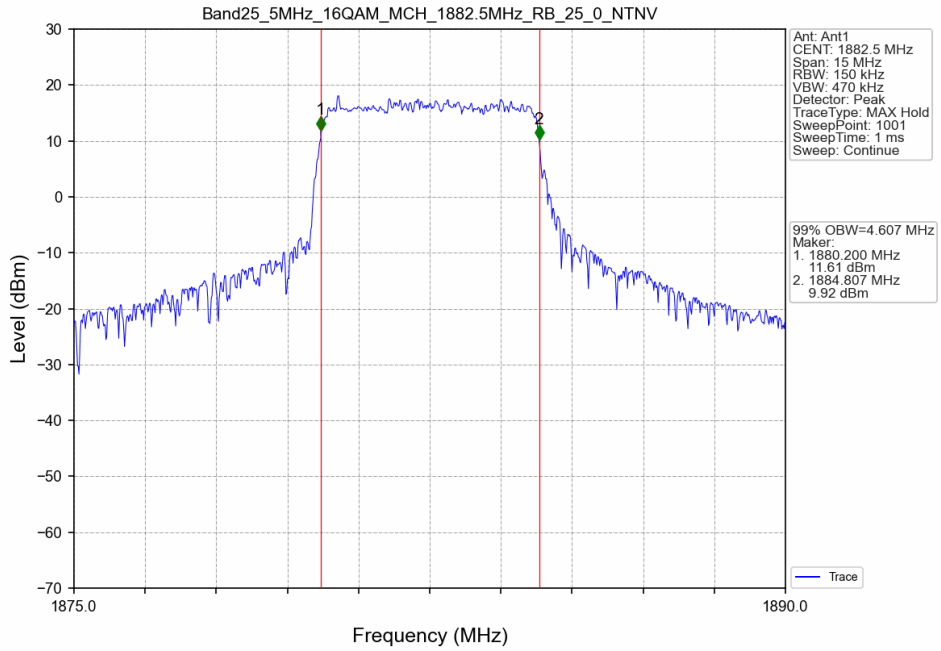
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



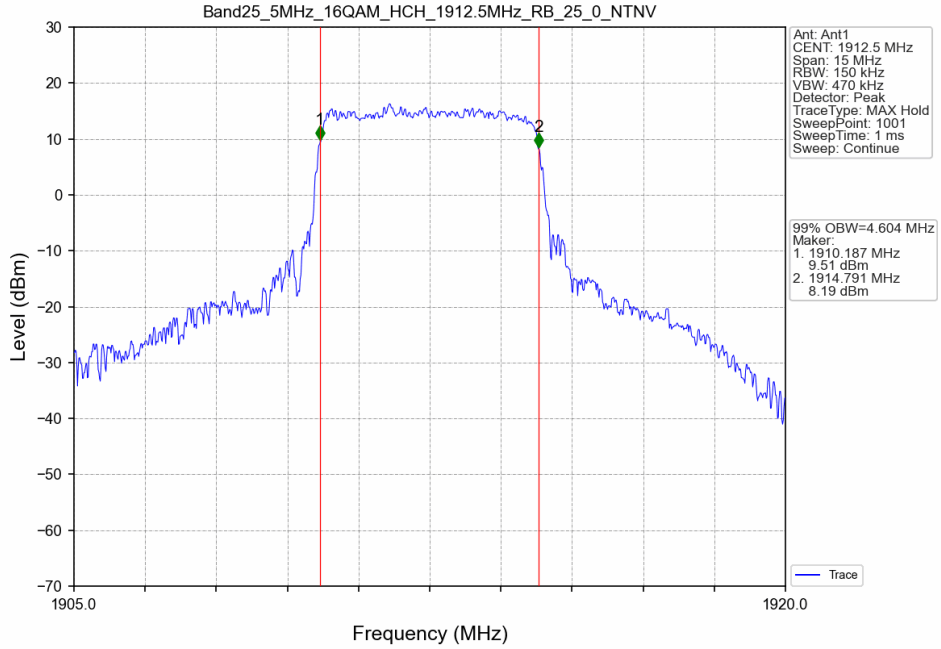
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



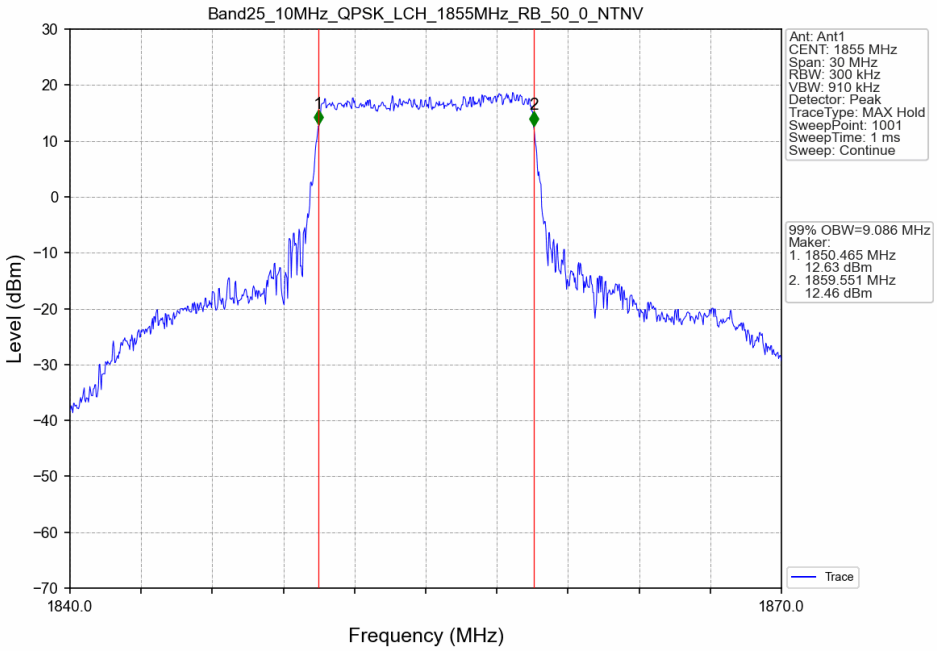
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



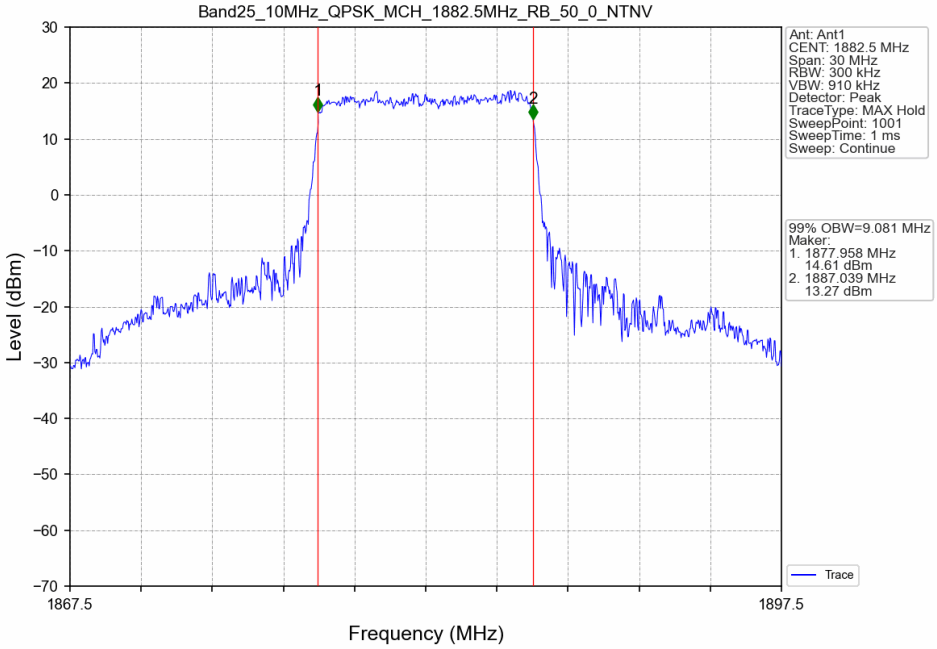
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



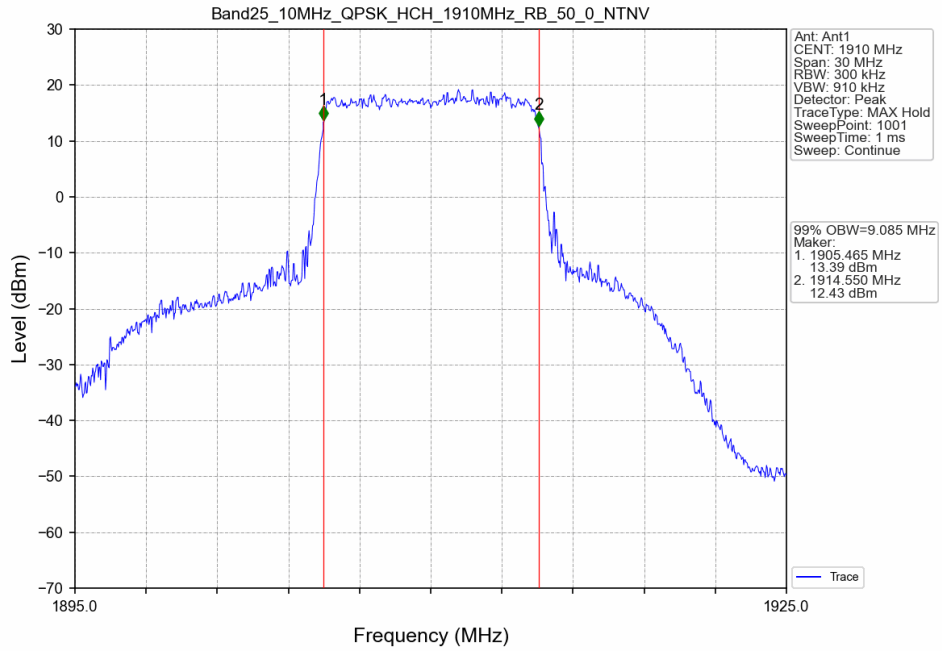
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



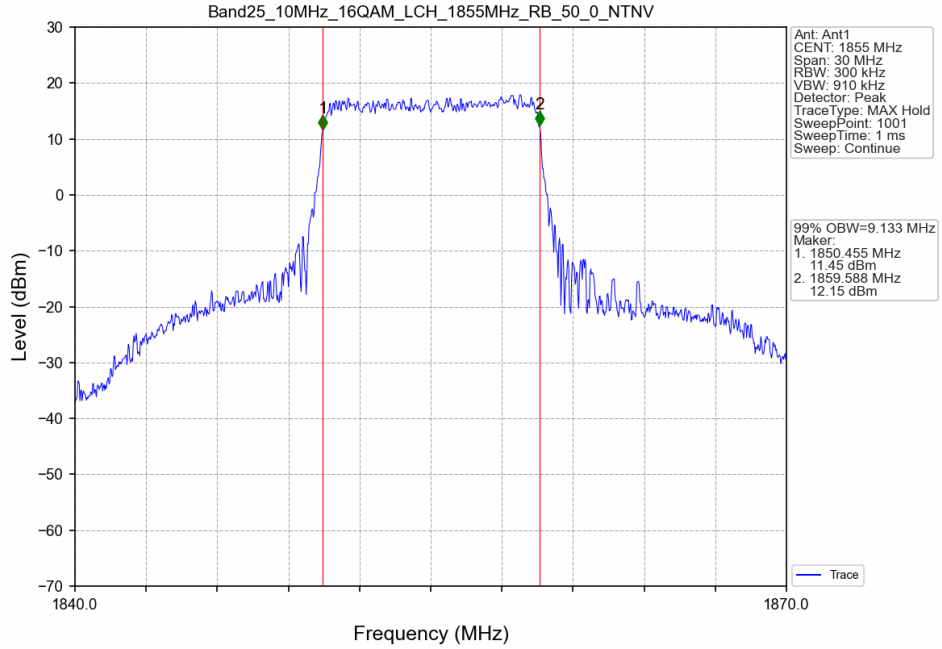
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



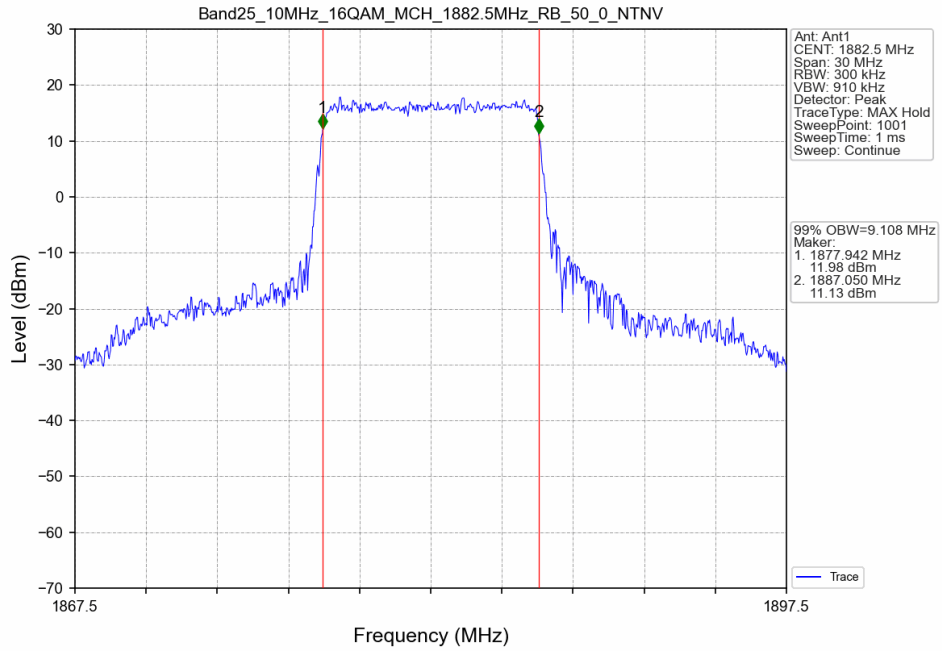
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



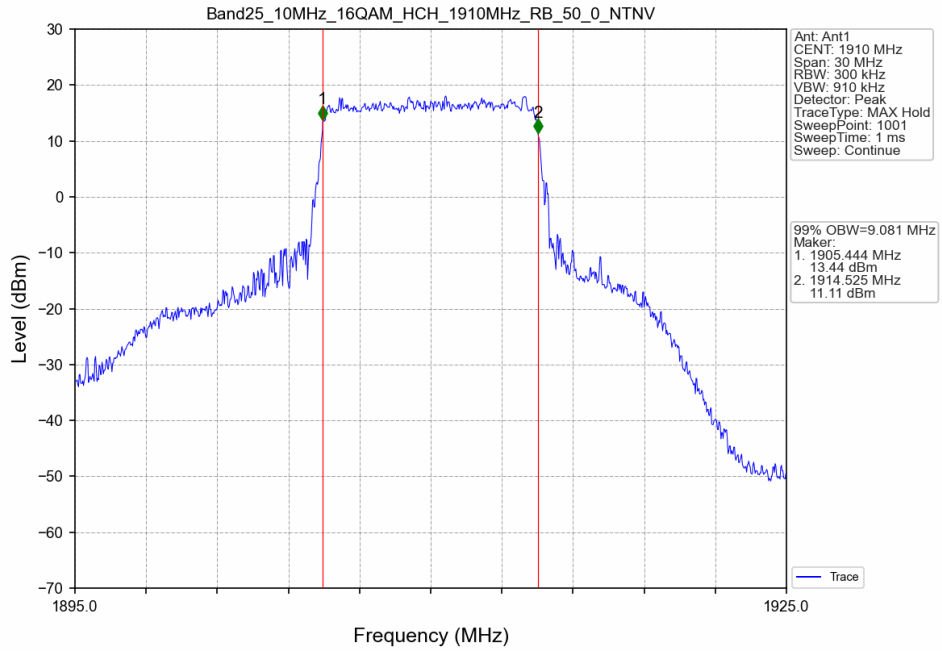
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



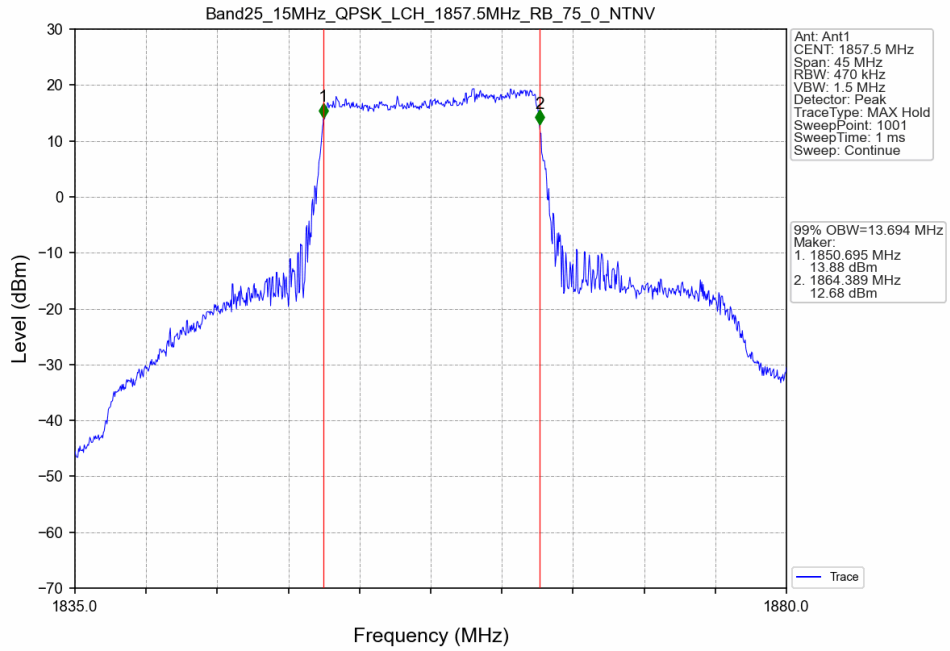
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



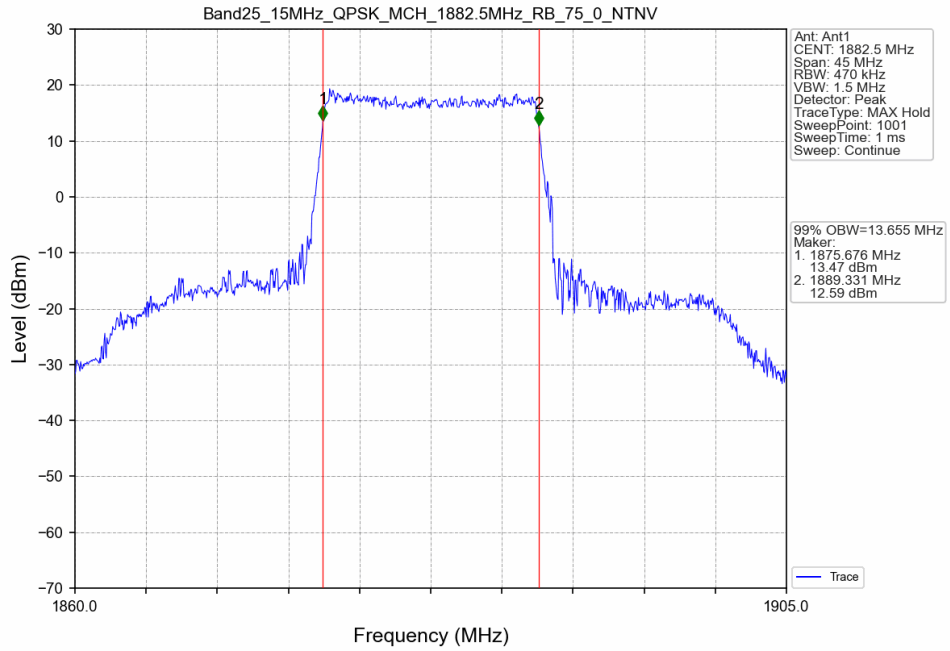
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



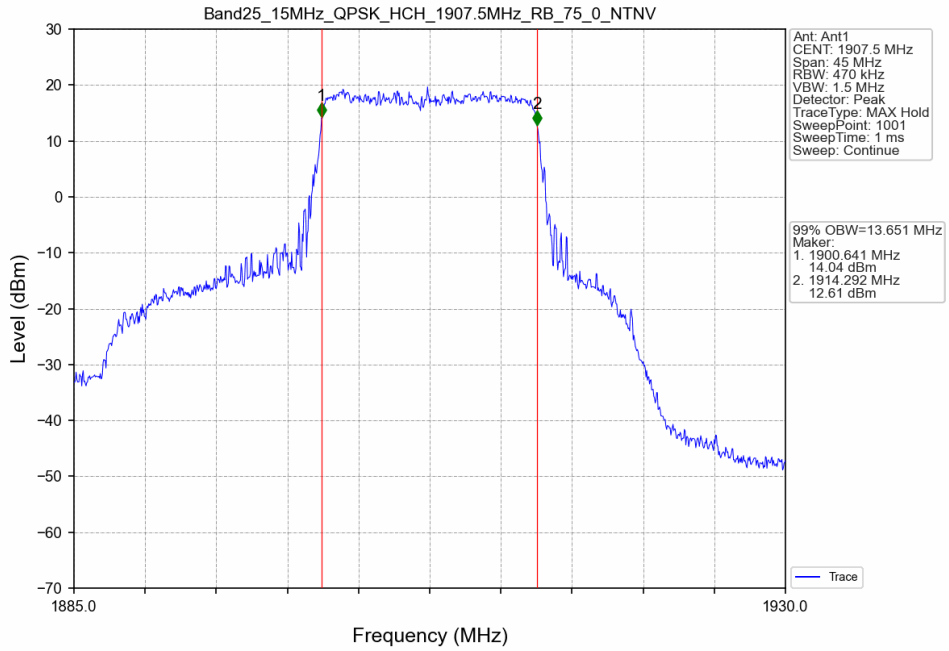
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



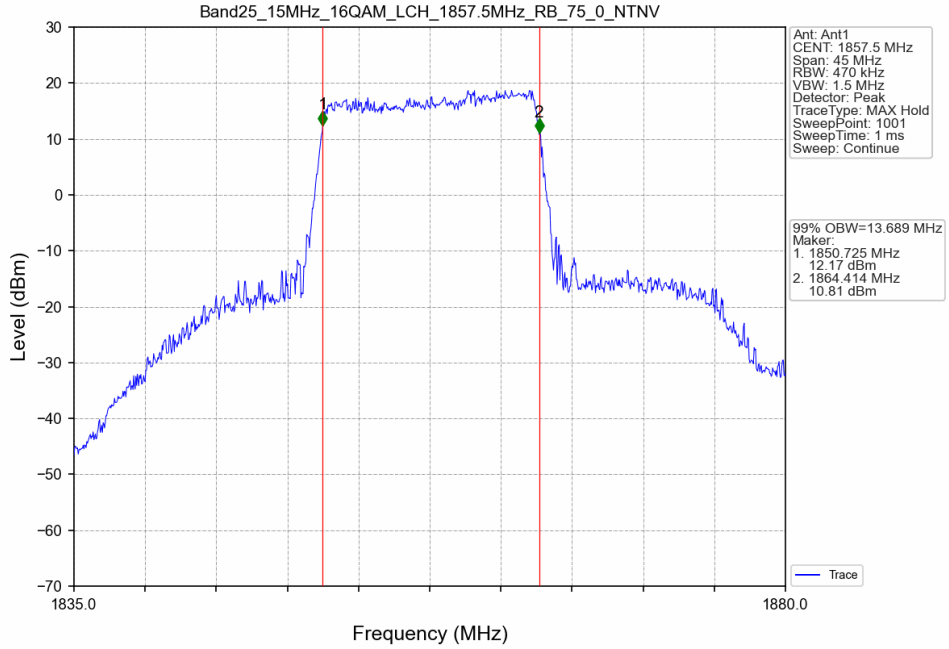
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



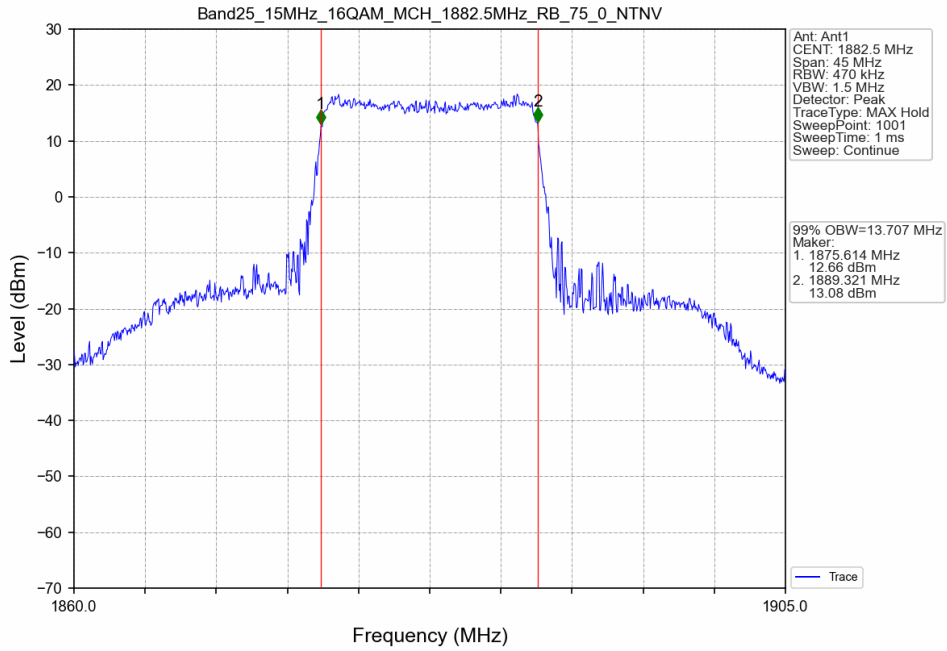
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



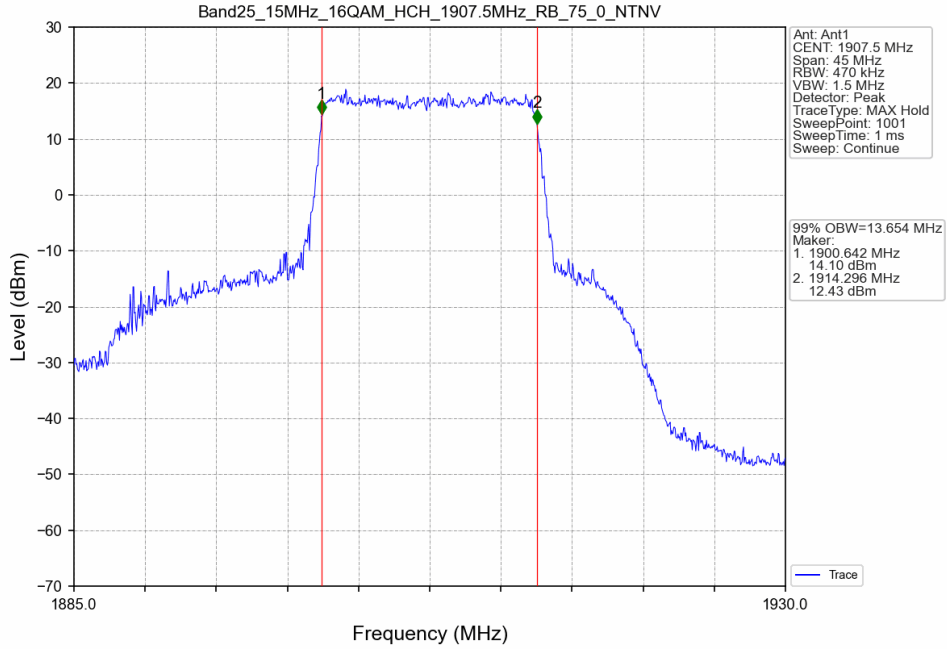
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



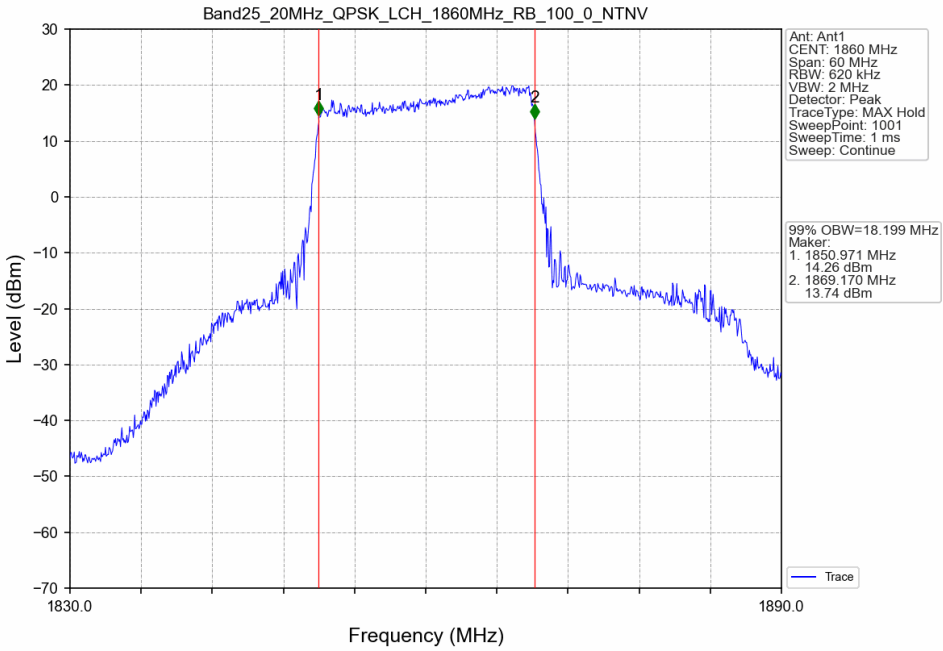
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



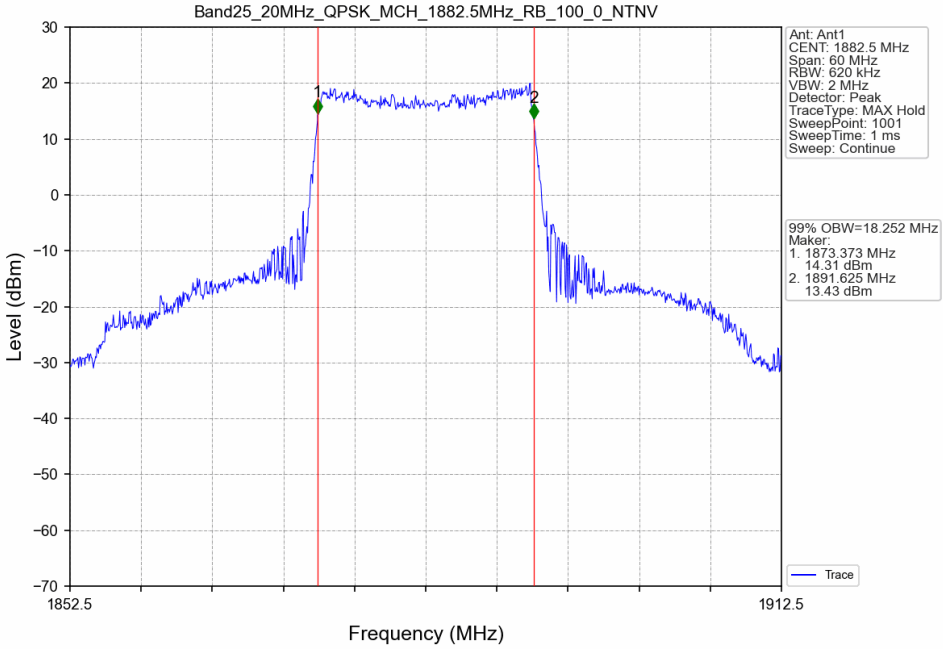
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



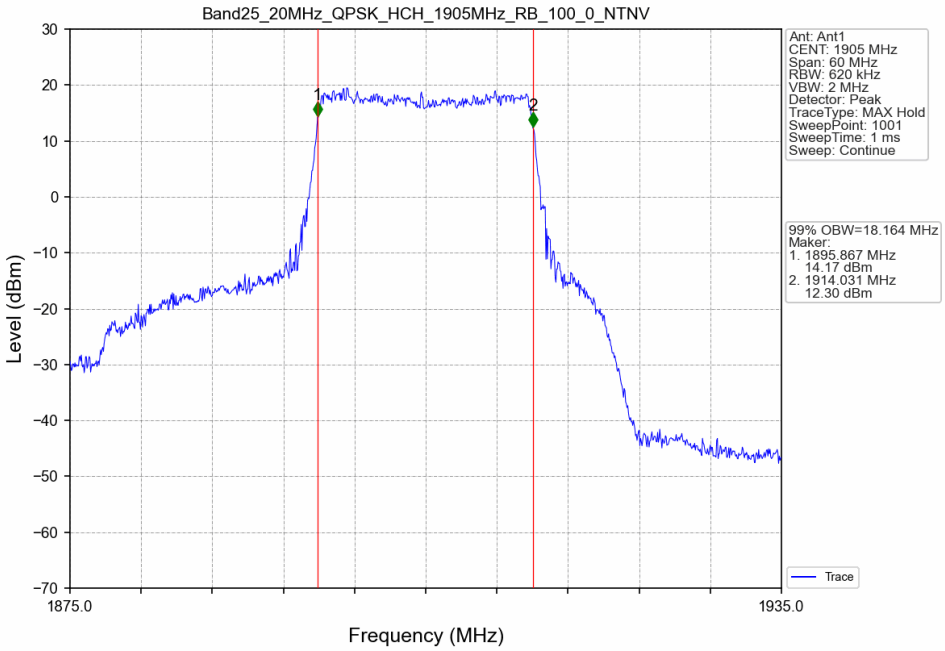
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



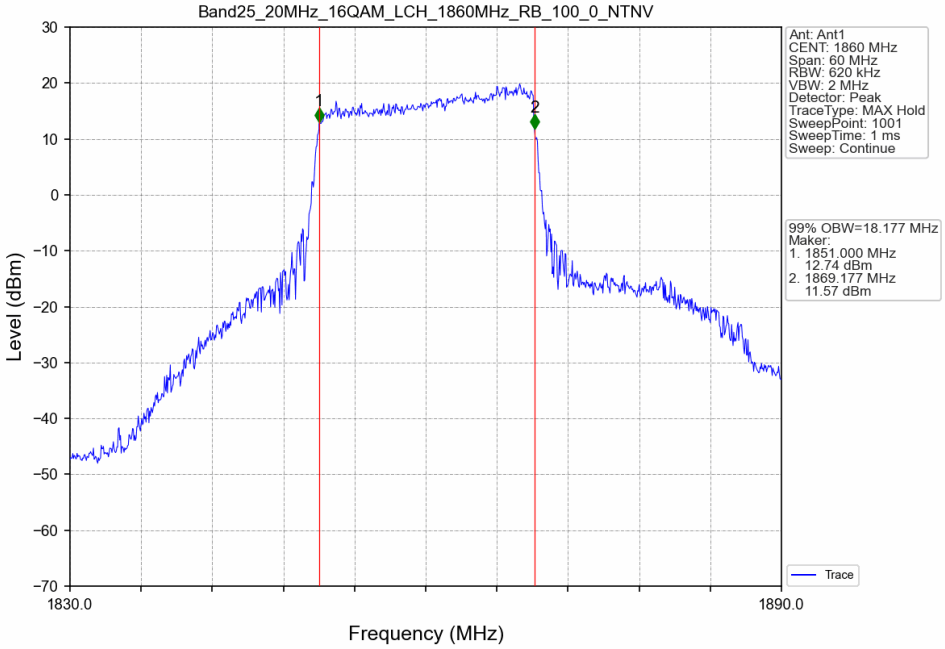
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



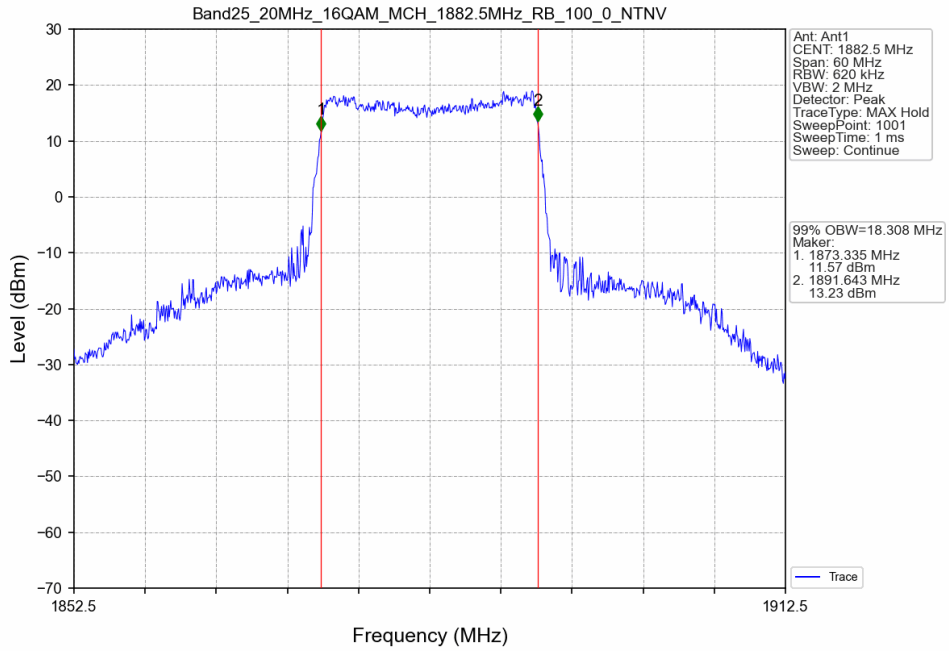
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



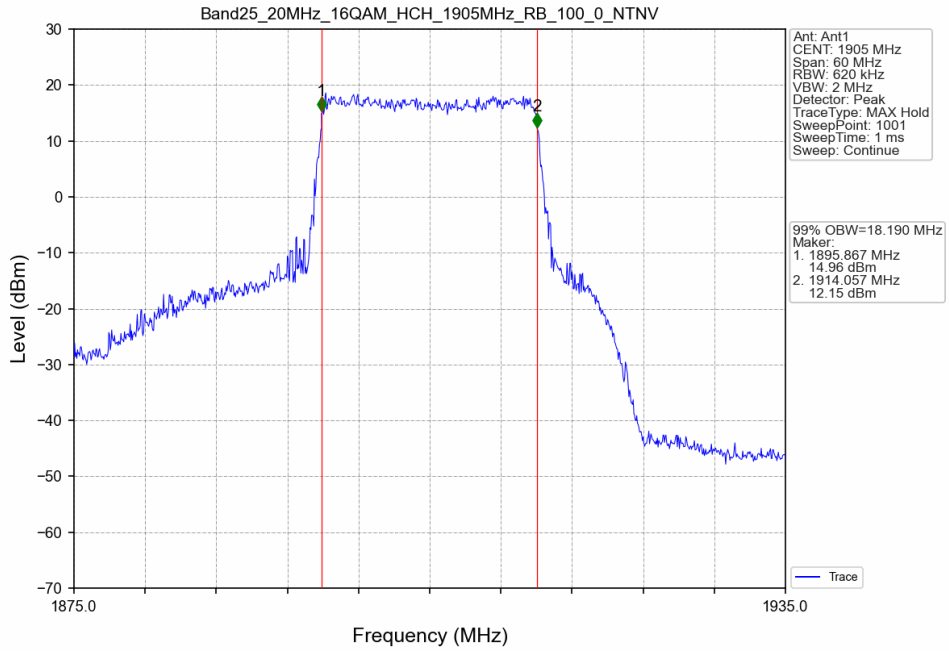
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



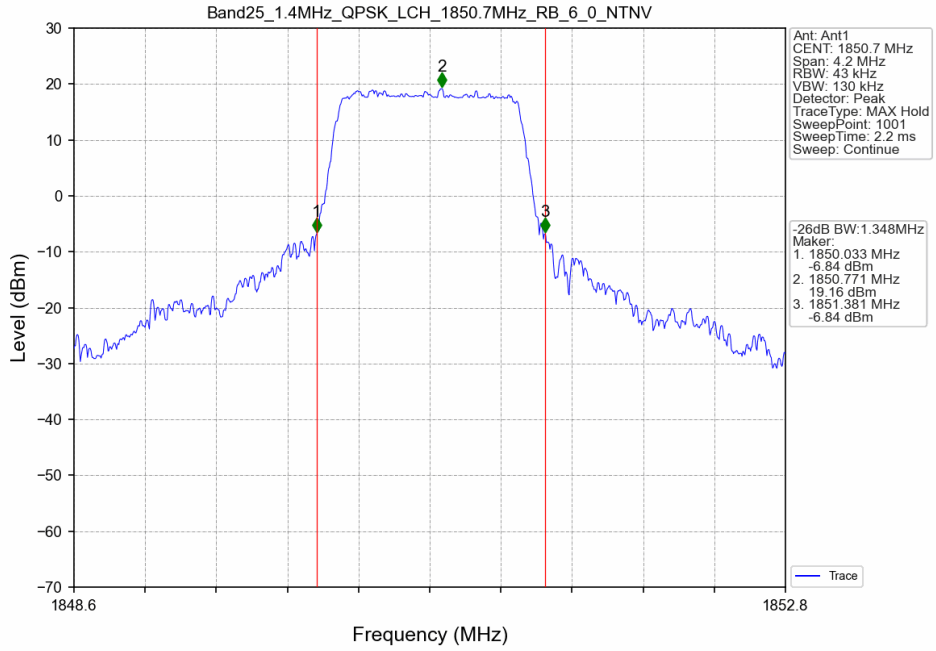
4.2 Band25_XDB

4.2.1 Test Result

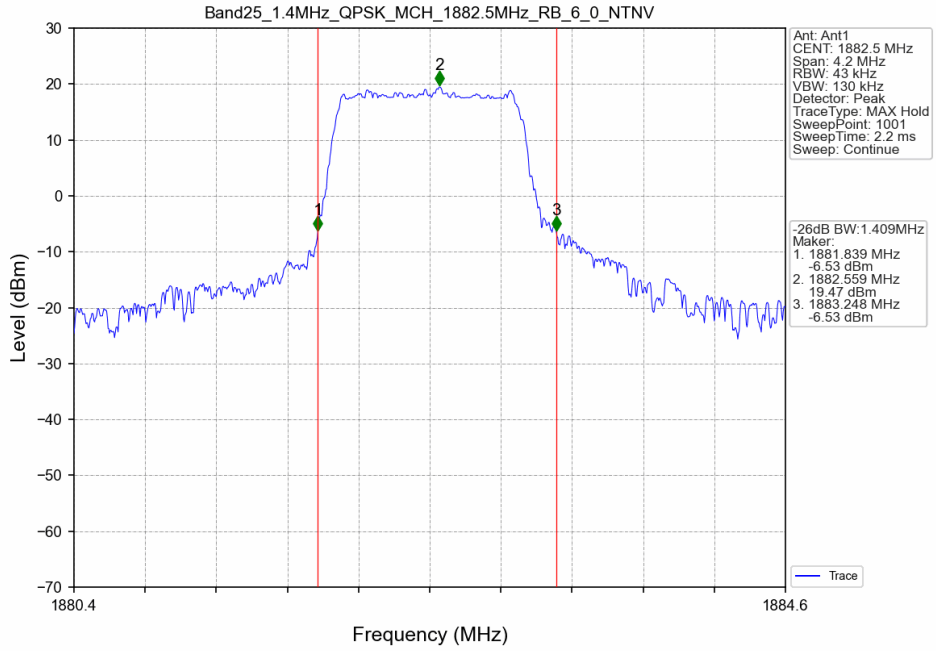
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.348	/	Pass
		1882.5	6	0	1.409	/	Pass
		1914.3	6	0	1.553	/	Pass
	16QAM	1850.7	6	0	1.497	/	Pass
		1882.5	6	0	1.470	/	Pass
		1914.3	6	0	1.384	/	Pass
3	QPSK	1851.5	15	0	3.490	/	Pass
		1882.5	15	0	3.463	/	Pass
		1913.5	15	0	3.428	/	Pass
	16QAM	1851.5	15	0	3.315	/	Pass
		1882.5	15	0	3.594	/	Pass
		1913.5	15	0	3.509	/	Pass
5	QPSK	1852.5	25	0	5.651	/	Pass
		1882.5	25	0	5.643	/	Pass
		1912.5	25	0	5.570	/	Pass
	16QAM	1852.5	25	0	5.465	/	Pass
		1882.5	25	0	5.737	/	Pass
		1912.5	25	0	5.538	/	Pass
10	QPSK	1855	50	0	10.826	/	Pass
		1882.5	50	0	10.405	/	Pass
		1910	50	0	10.481	/	Pass
	16QAM	1855	50	0	10.841	/	Pass
		1882.5	50	0	10.297	/	Pass
		1910	50	0	10.728	/	Pass
15	QPSK	1857.5	75	0	15.997	/	Pass
		1882.5	75	0	15.277	/	Pass
		1907.5	75	0	16.319	/	Pass
	16QAM	1857.5	75	0	15.486	/	Pass
		1882.5	75	0	16.329	/	Pass
		1907.5	75	0	15.369	/	Pass
20	QPSK	1860	100	0	20.735	/	Pass
		1882.5	100	0	21.628	/	Pass
		1905	100	0	20.751	/	Pass
	16QAM	1860	100	0	20.884	/	Pass
		1882.5	100	0	20.908	/	Pass
		1905	100	0	21.511	/	Pass

4.2.2 Test Graph

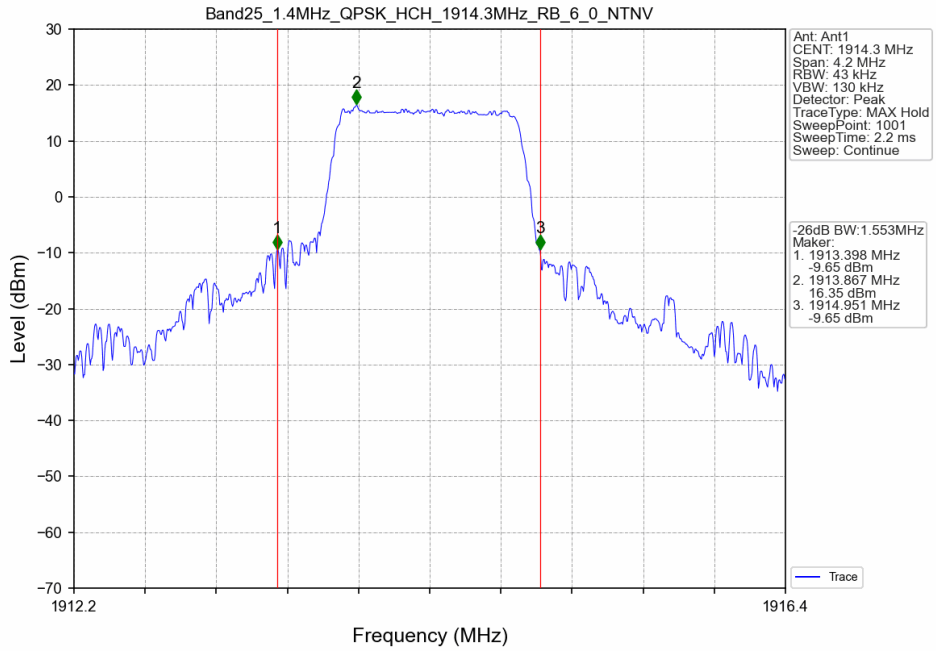
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



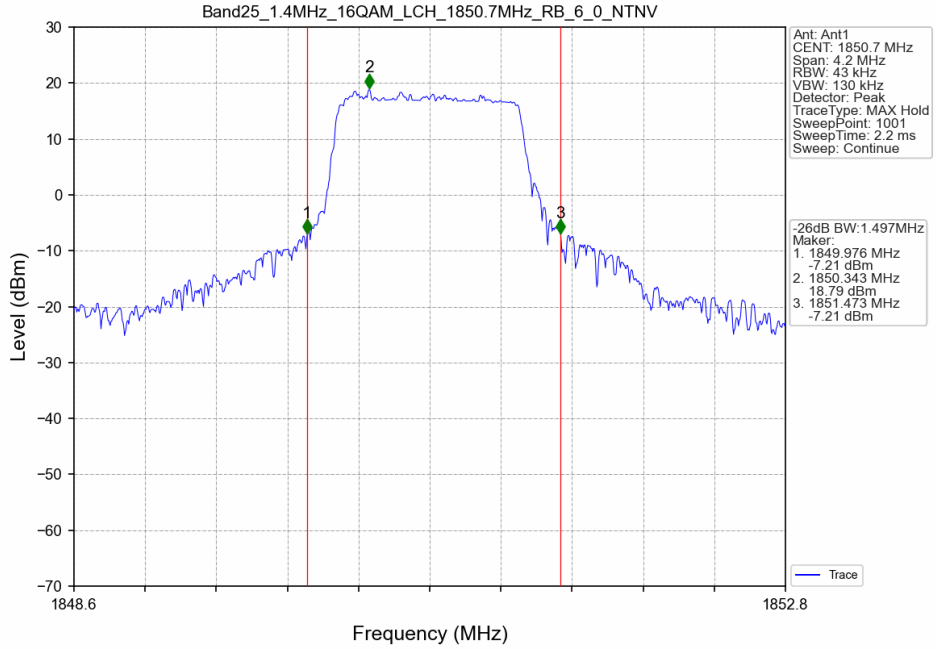
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



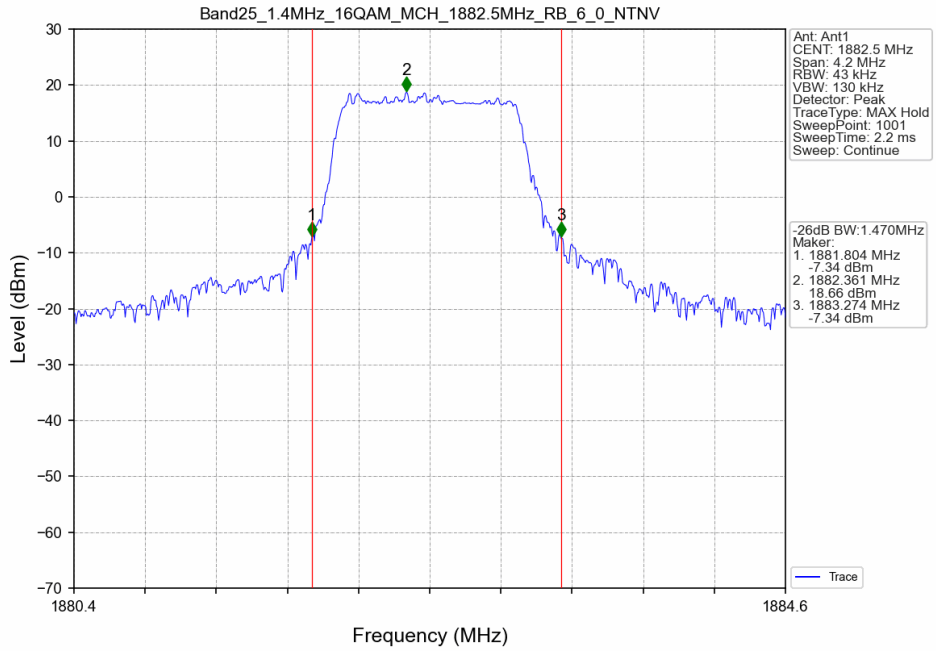
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



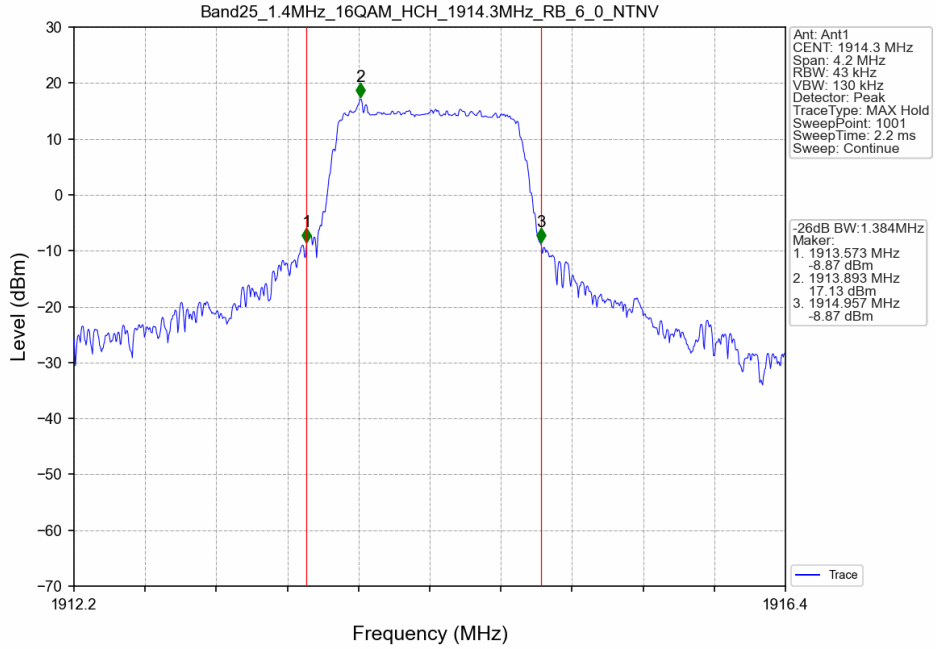
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



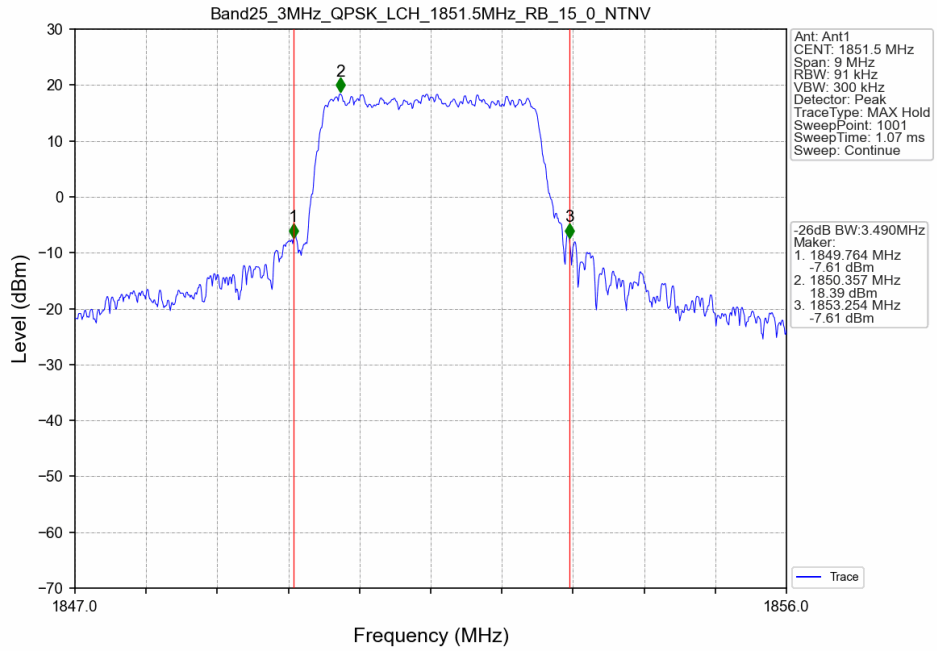
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



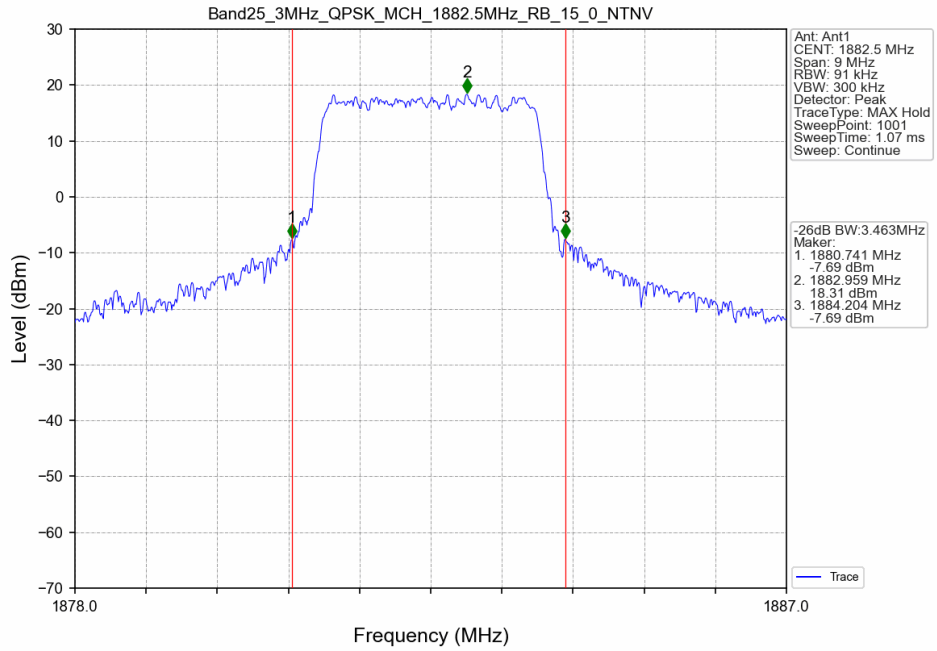
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



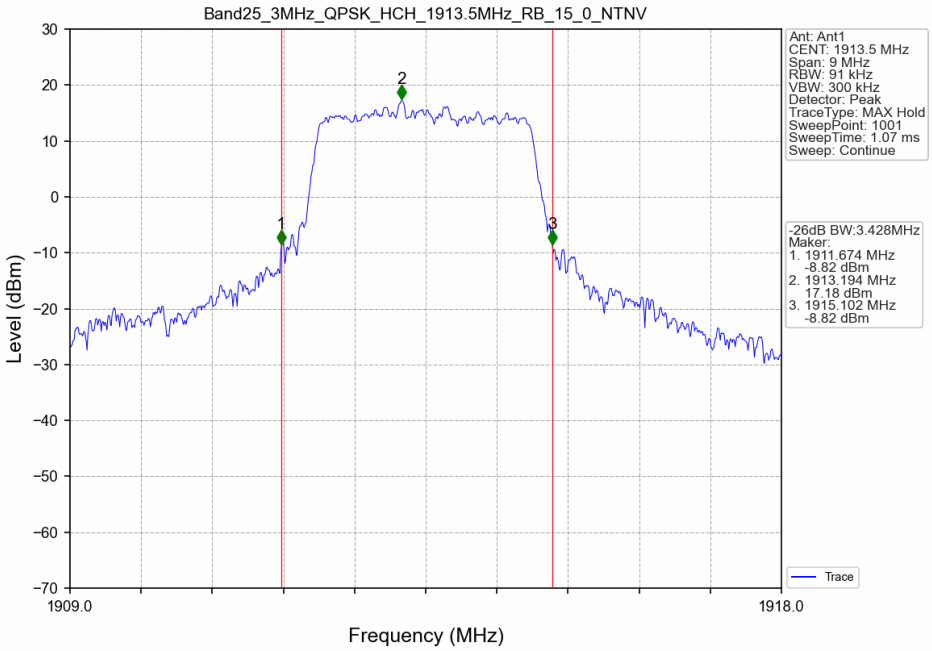
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



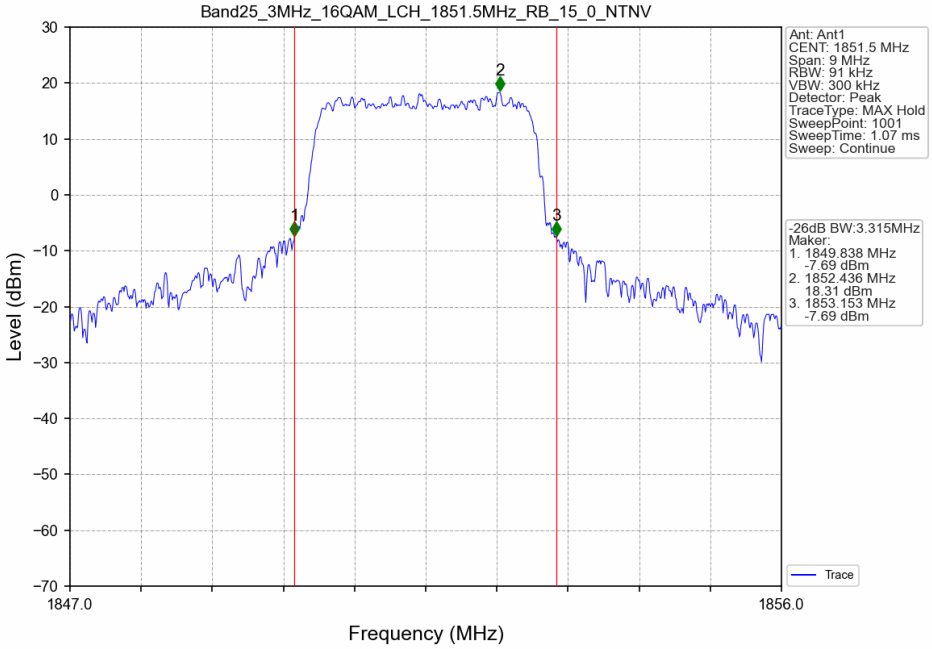
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



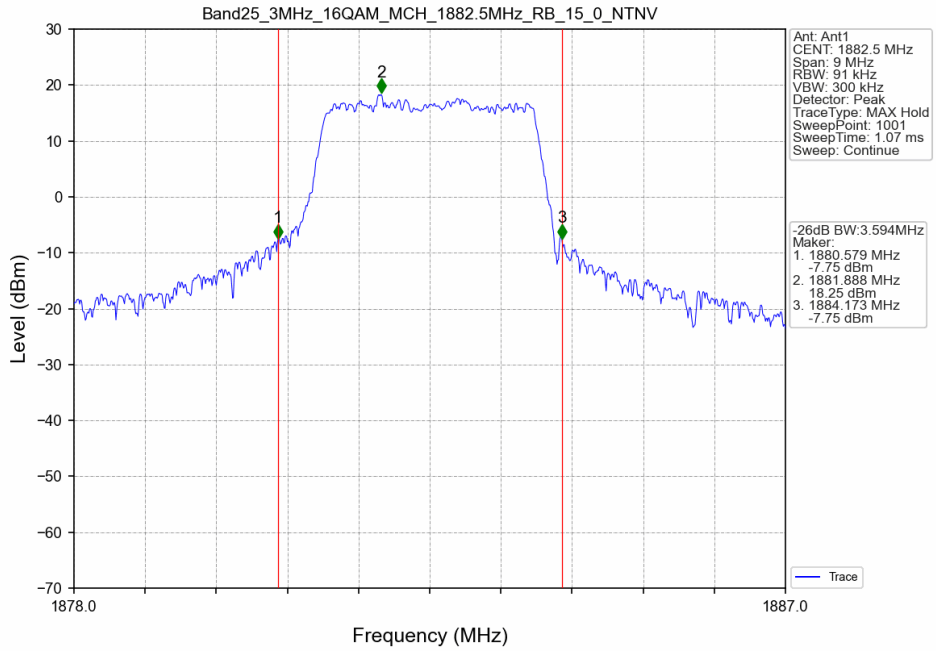
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



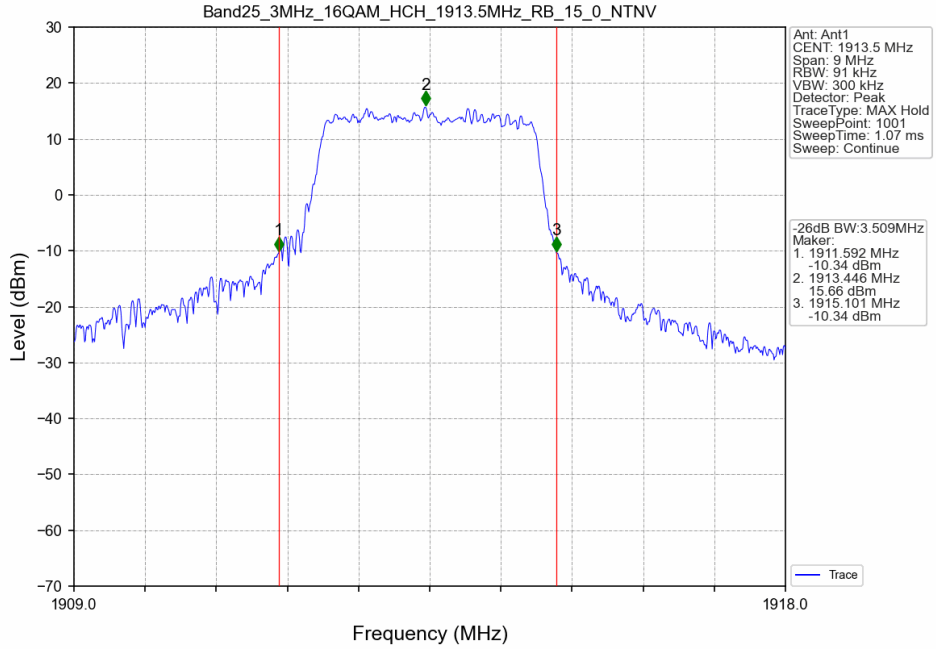
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



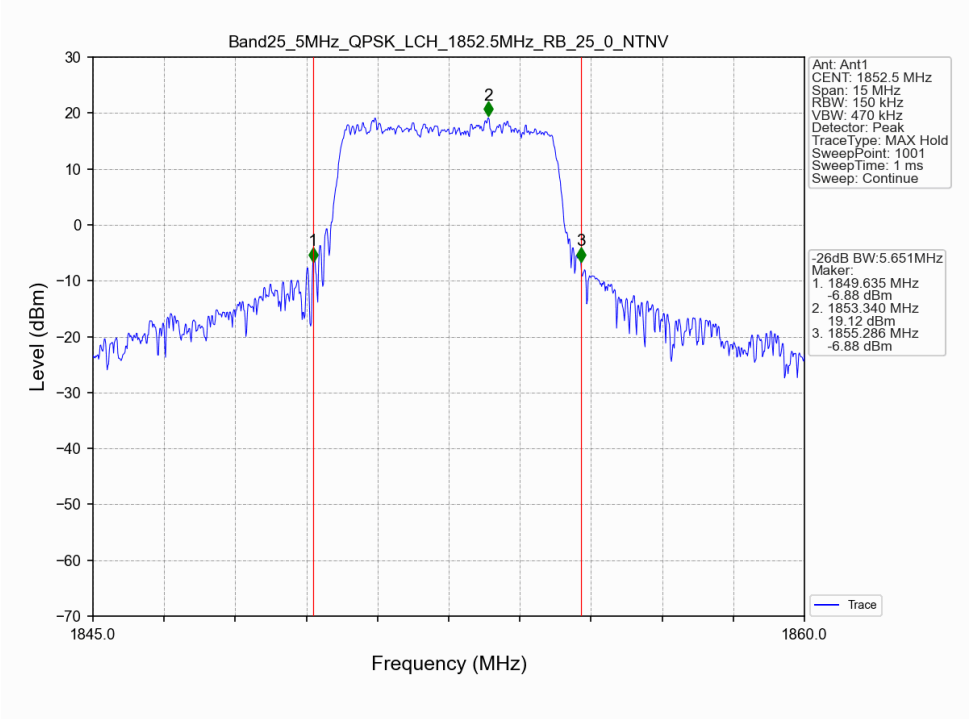
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



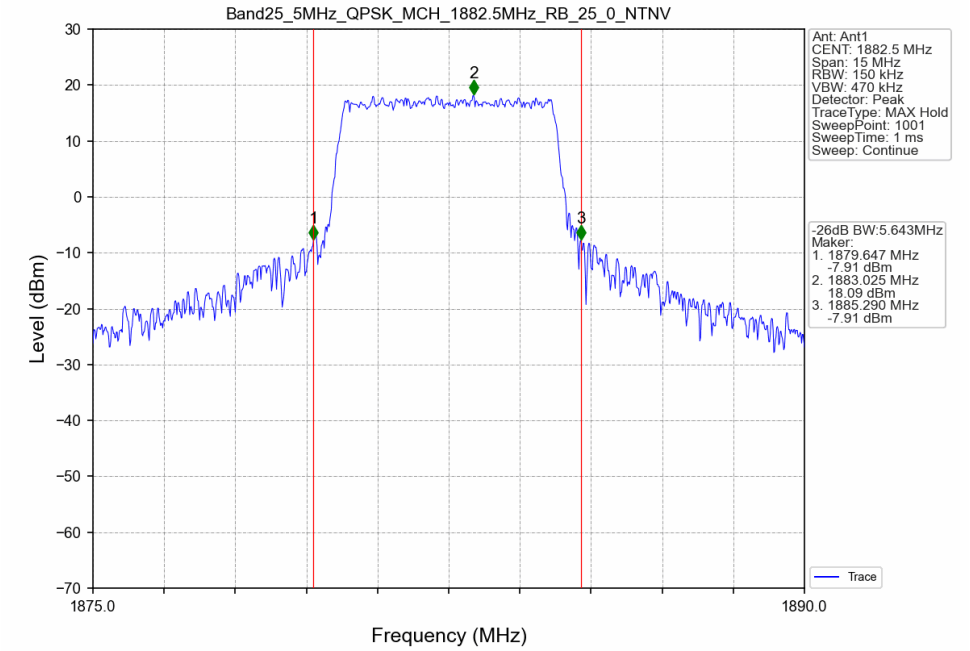
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



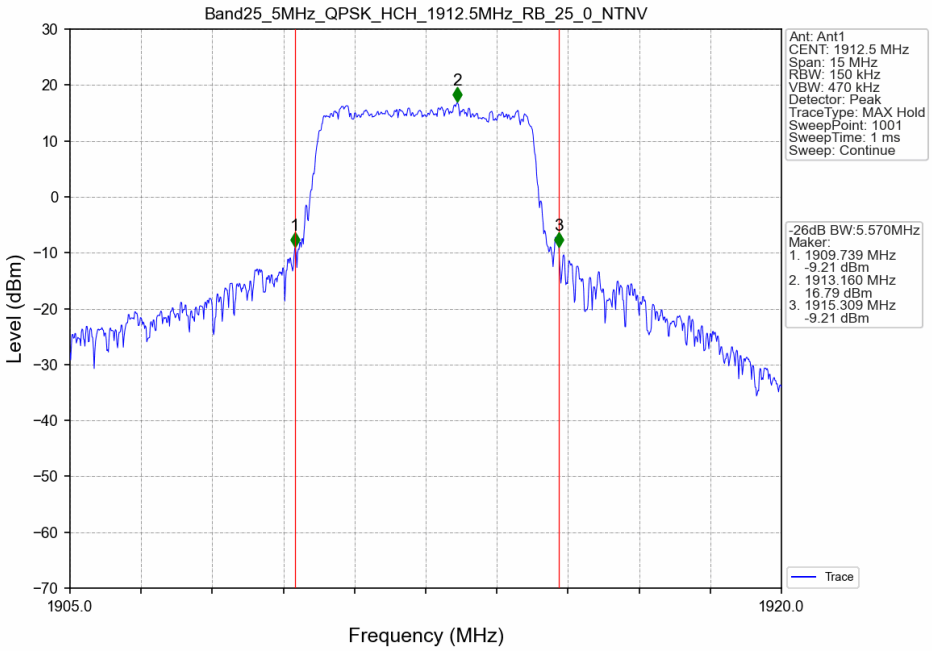
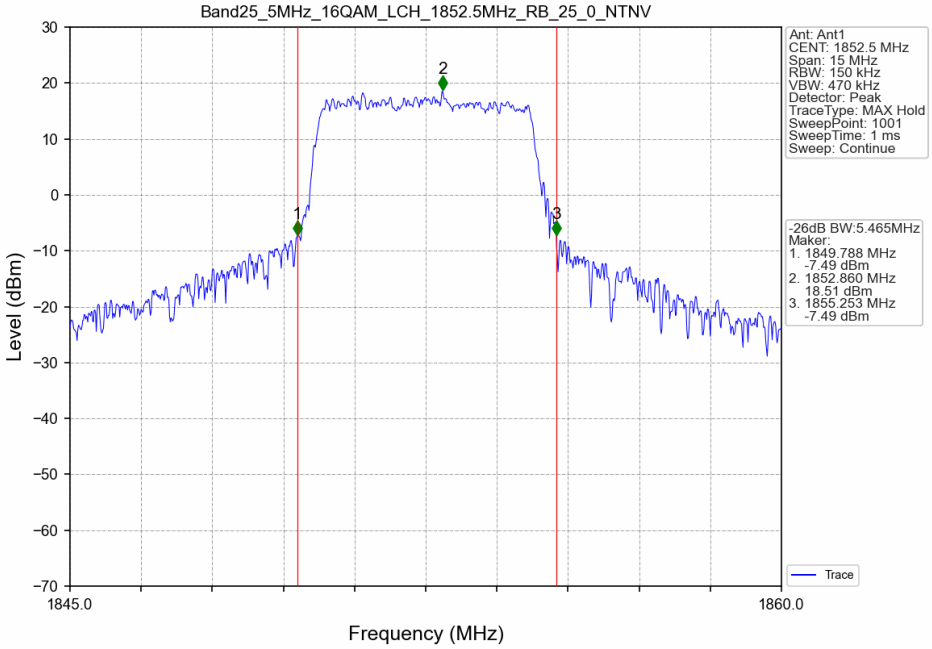
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV