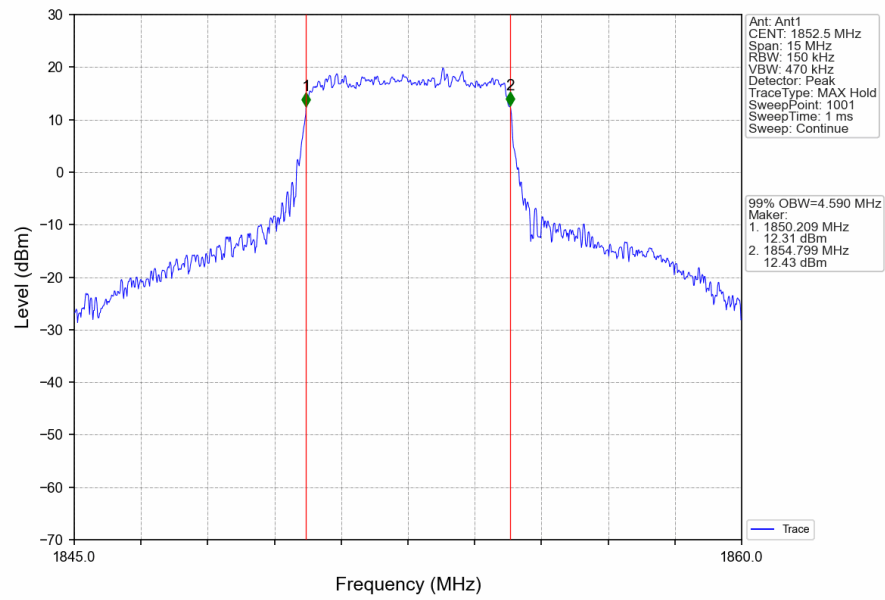
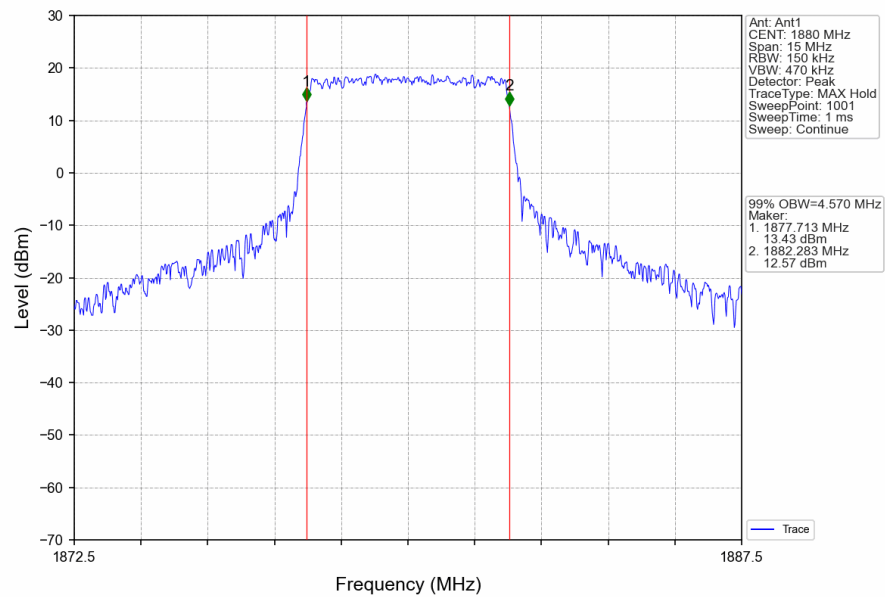


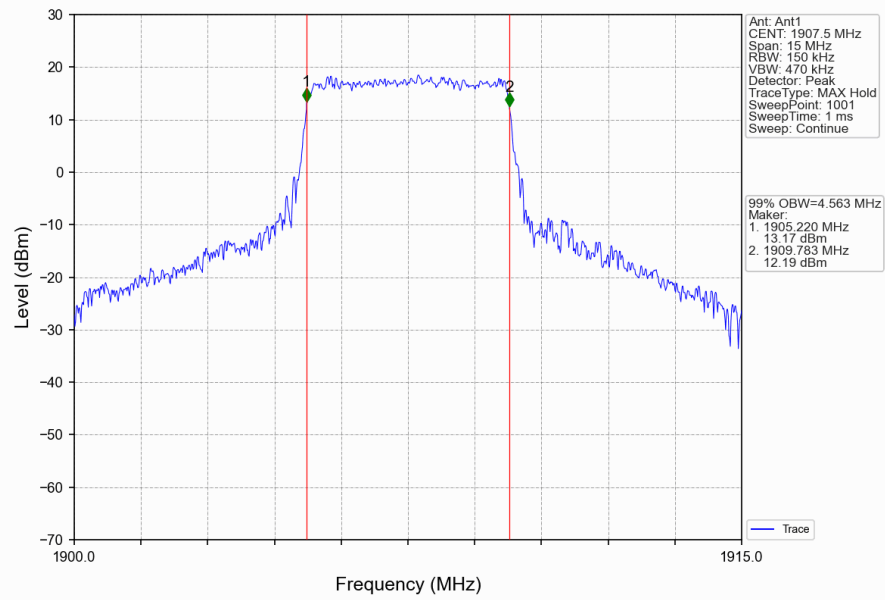
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



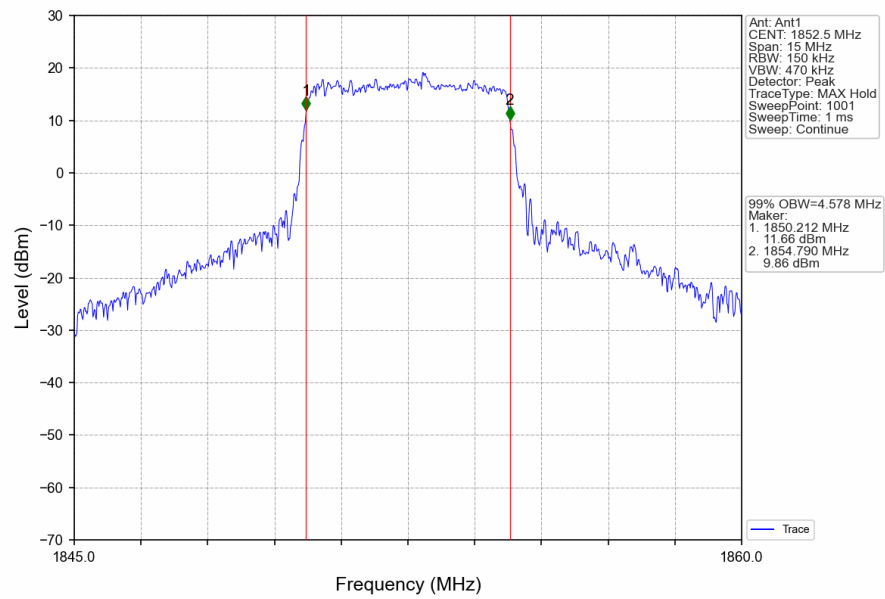
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



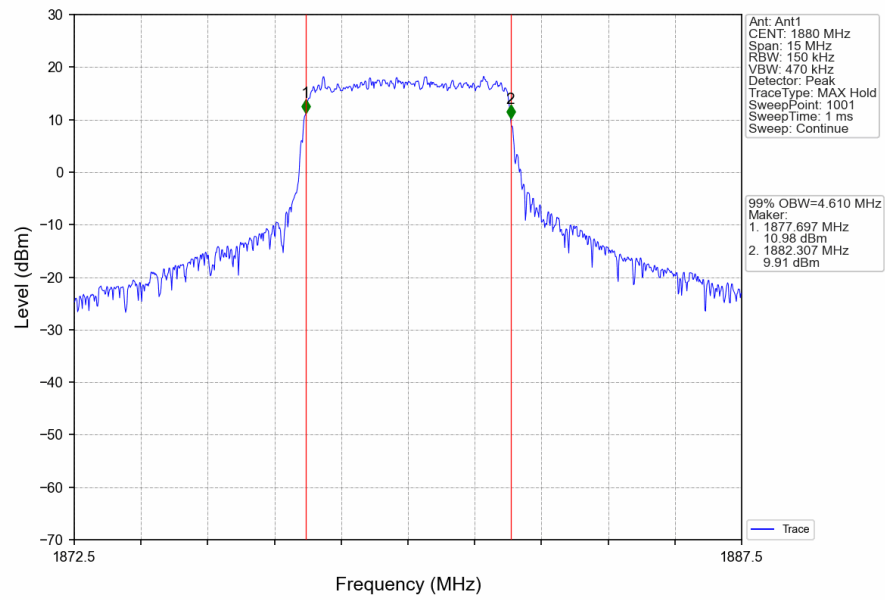
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



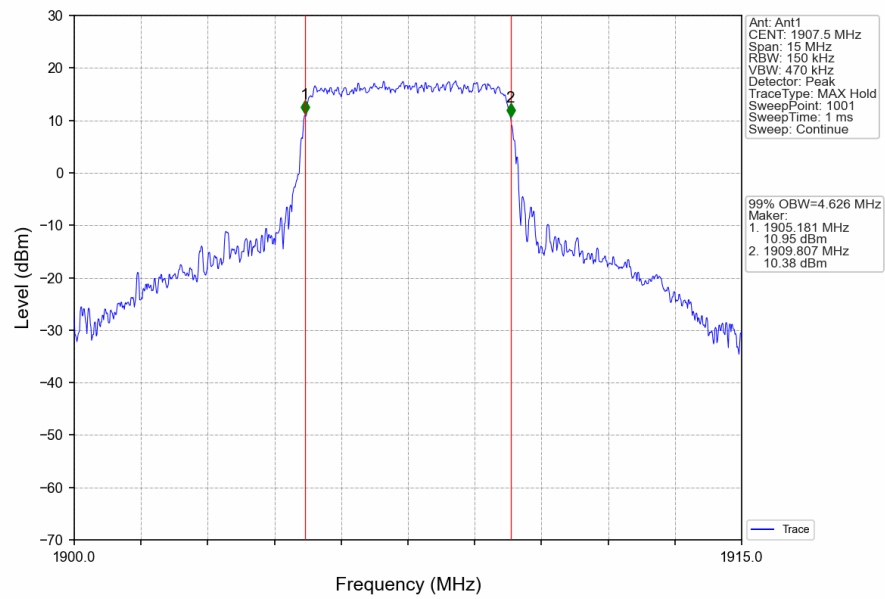
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



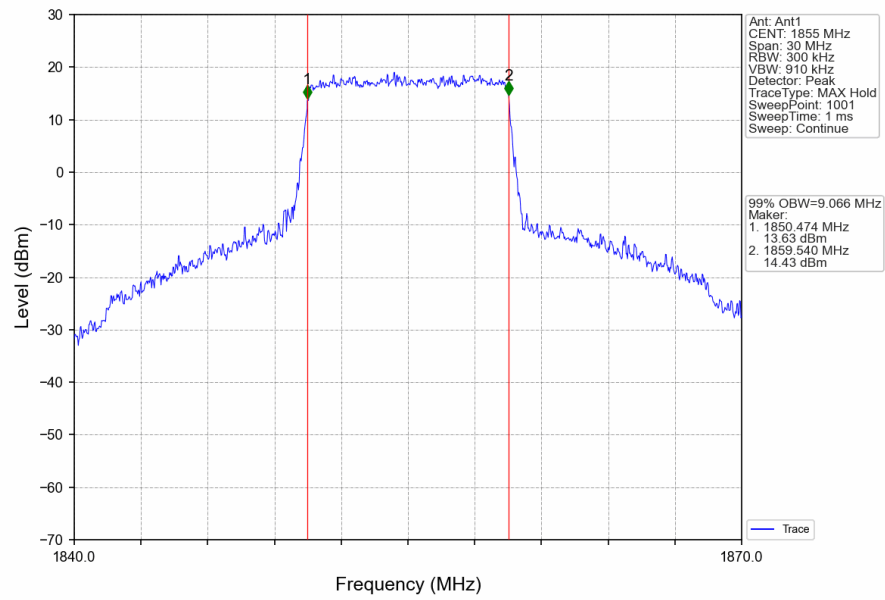
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



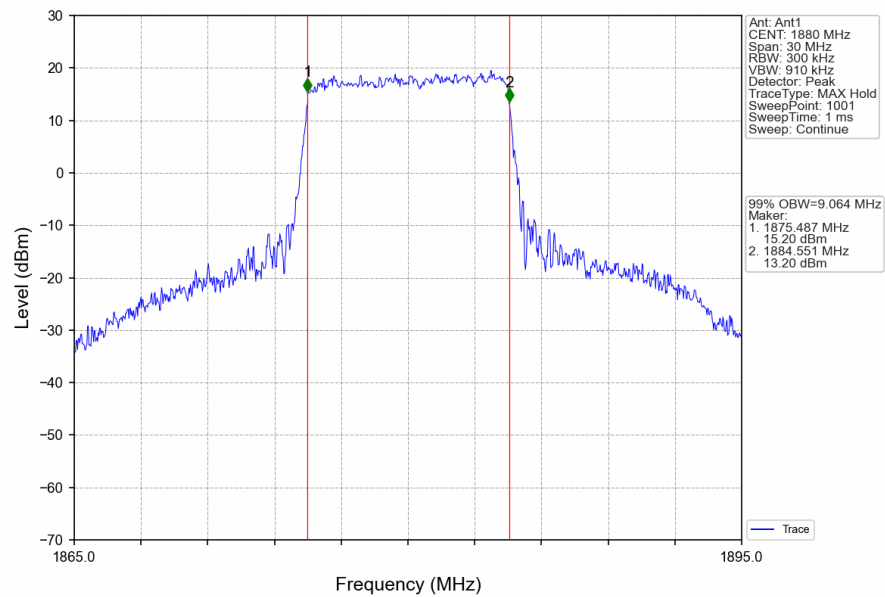
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



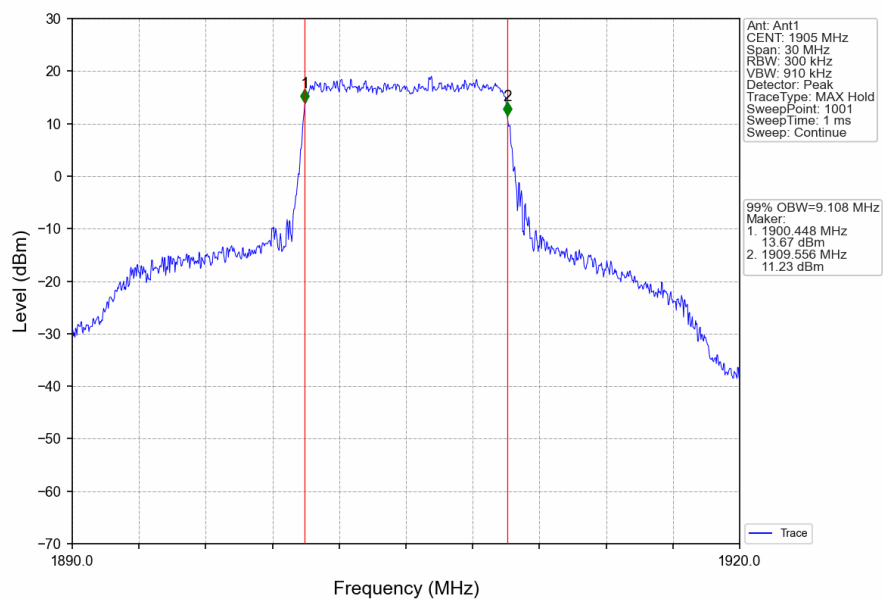
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



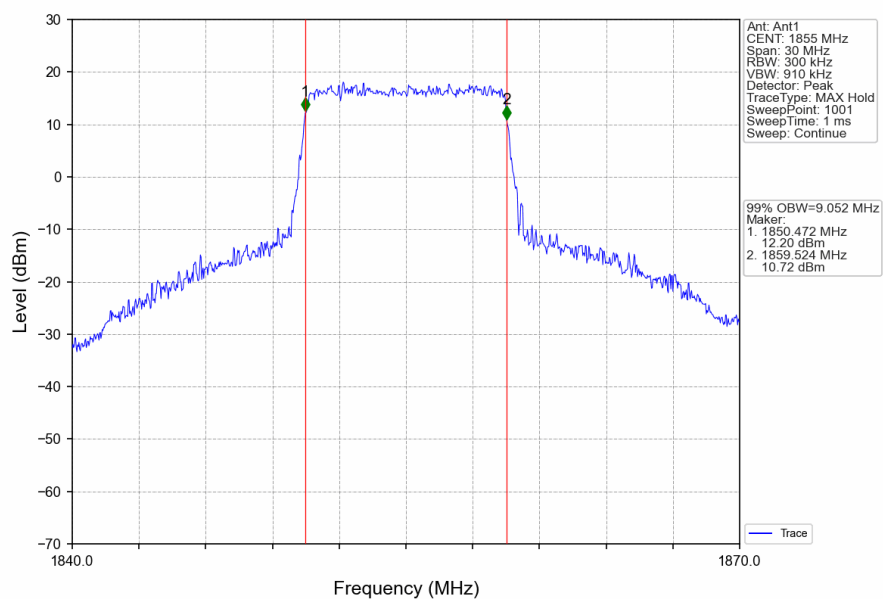
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



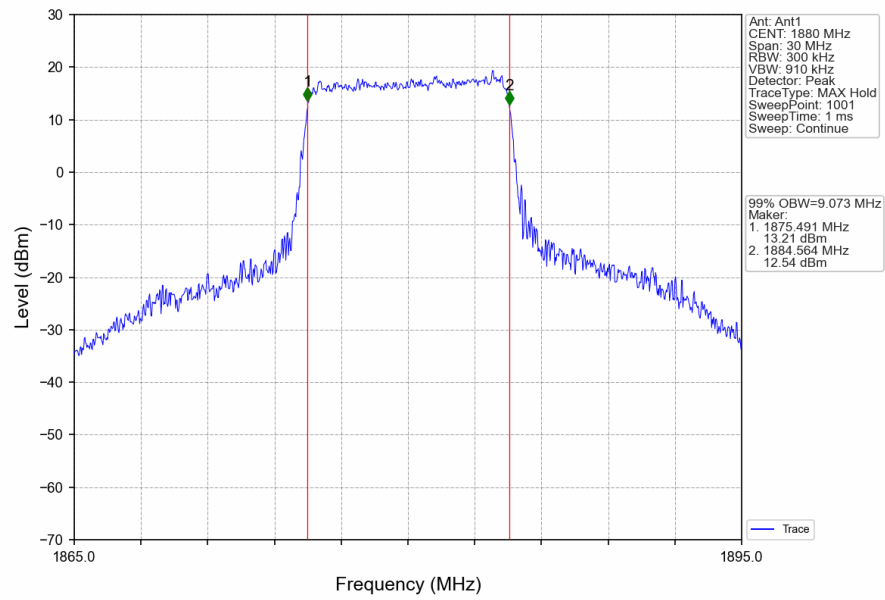
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



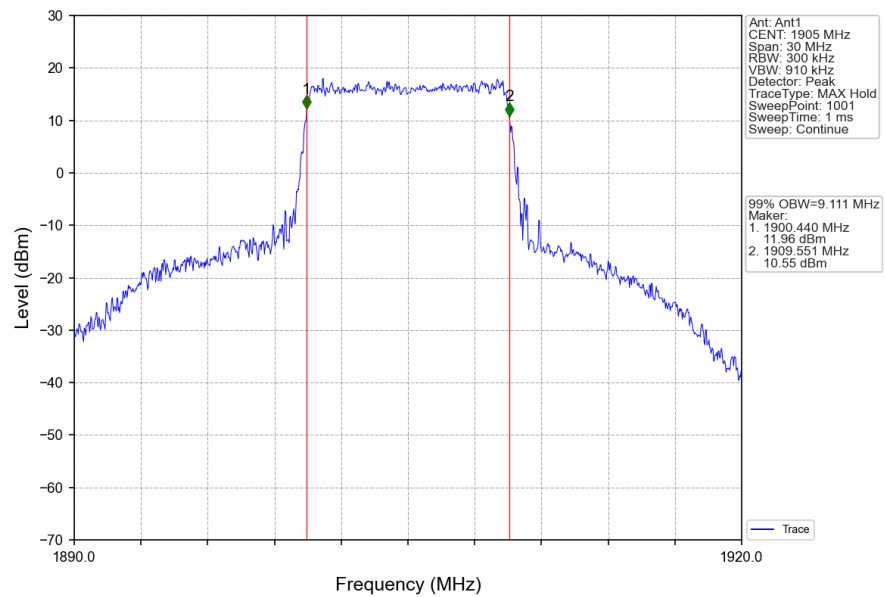
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



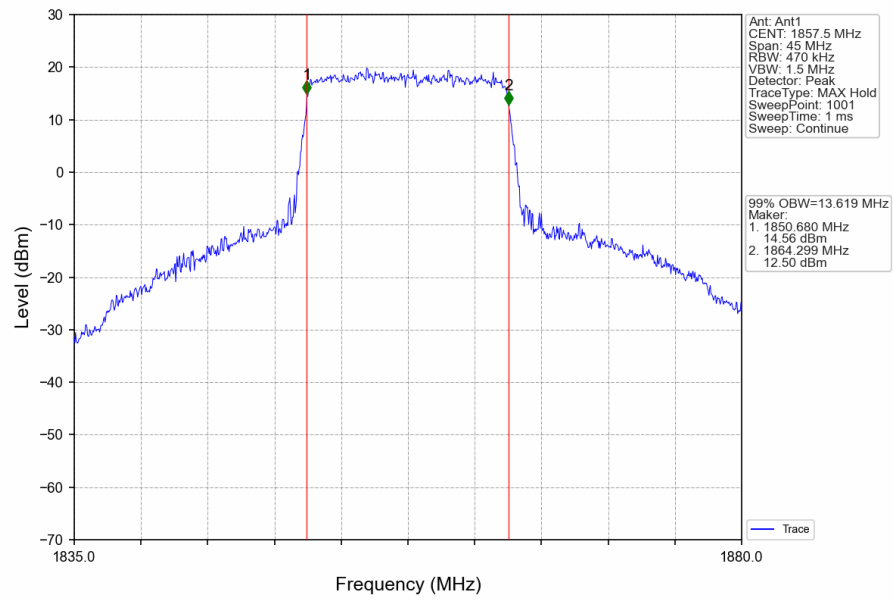
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



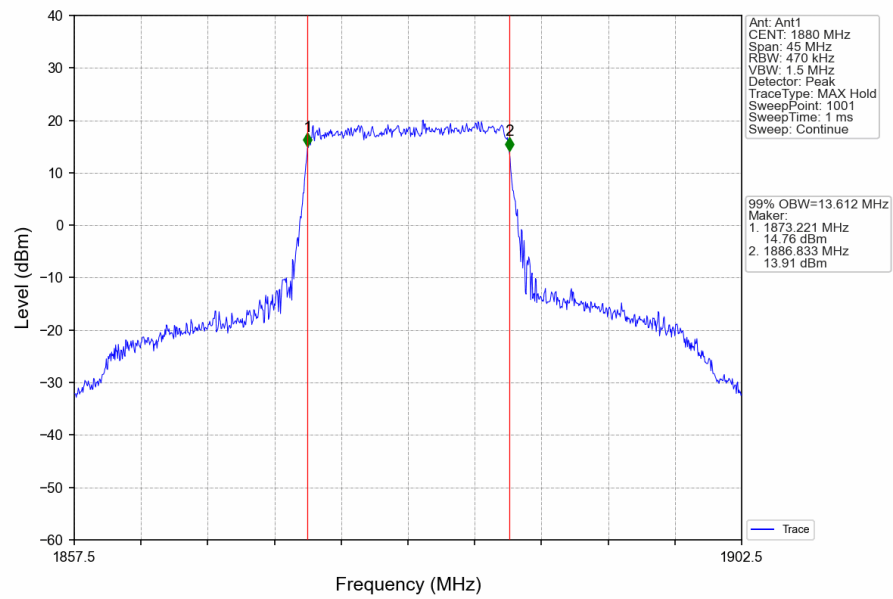
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



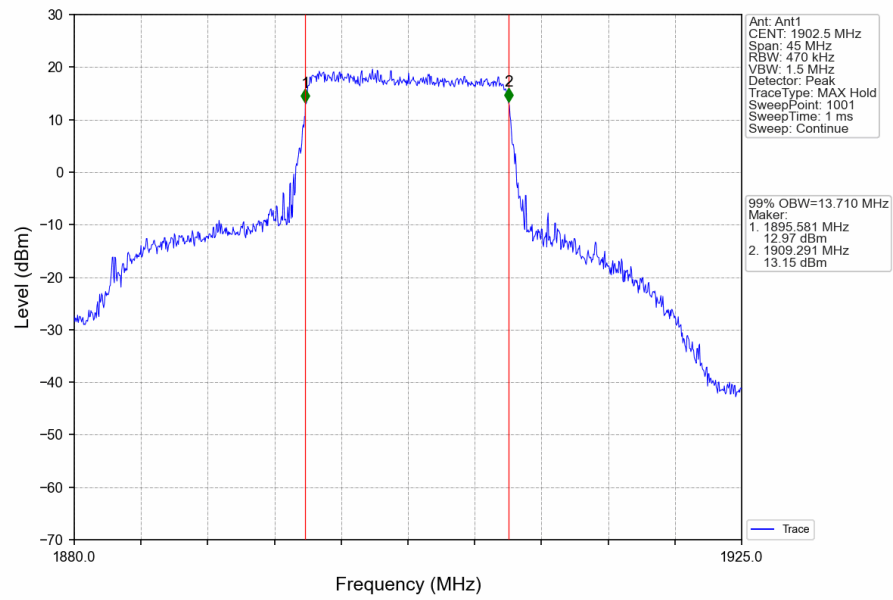
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



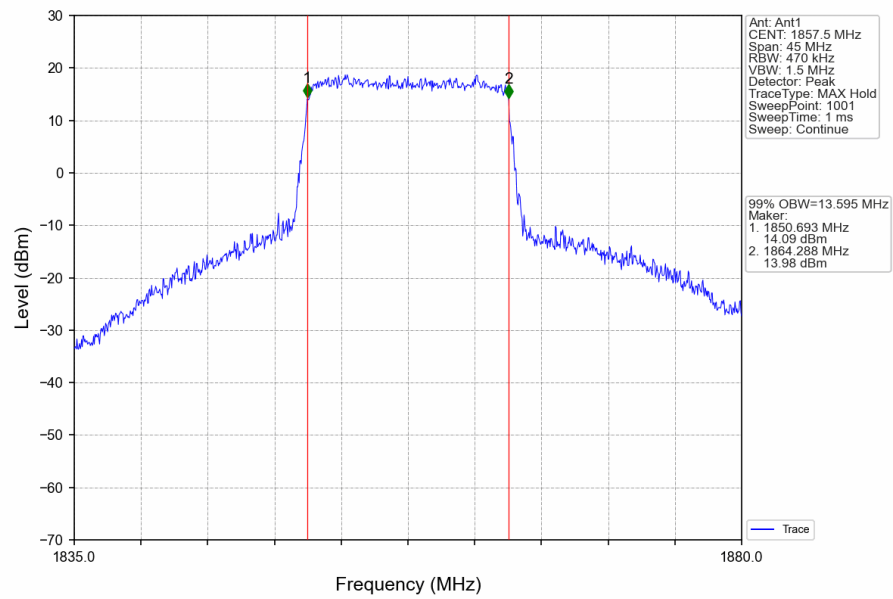
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



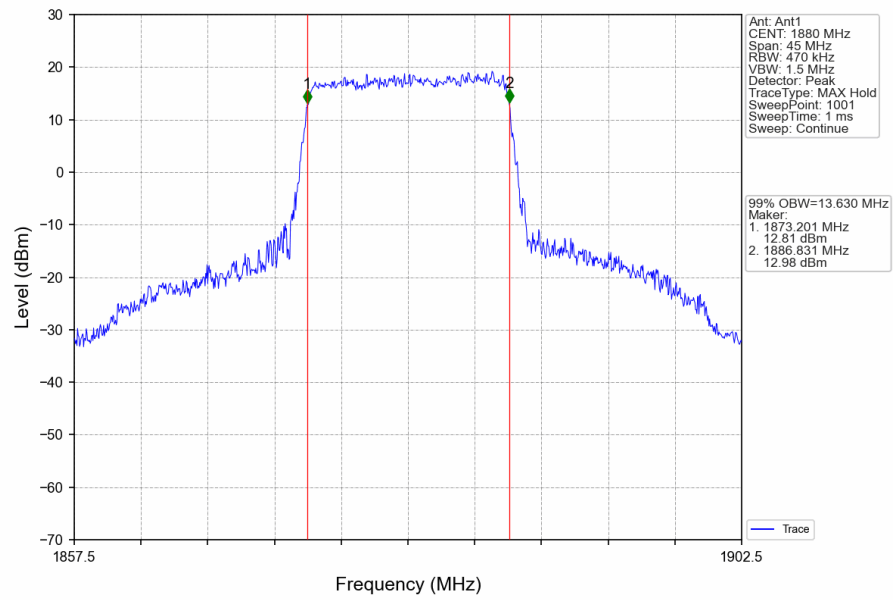
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



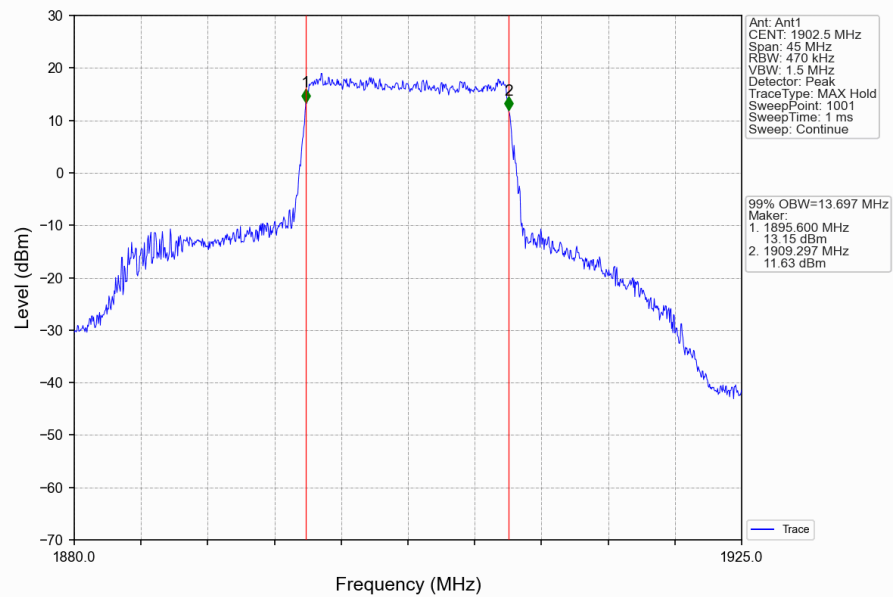
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



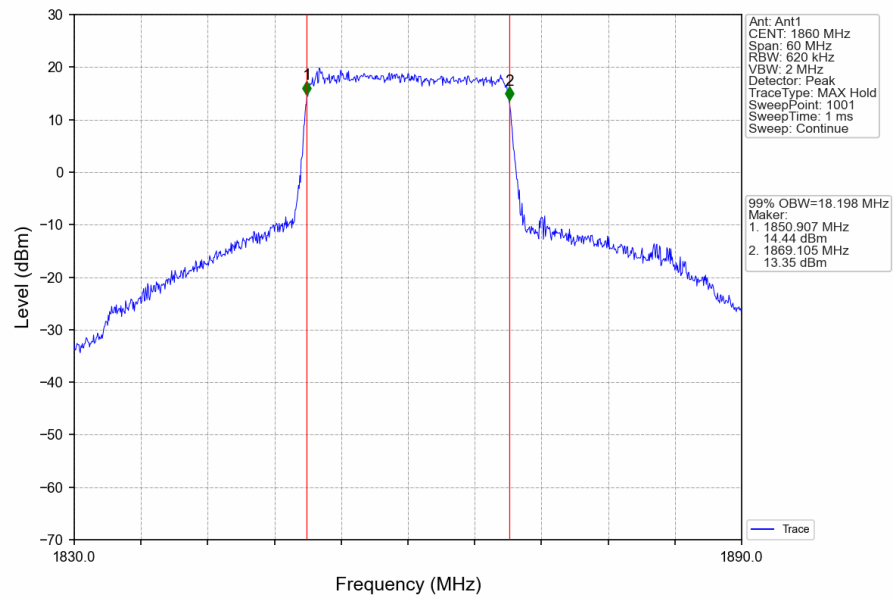
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



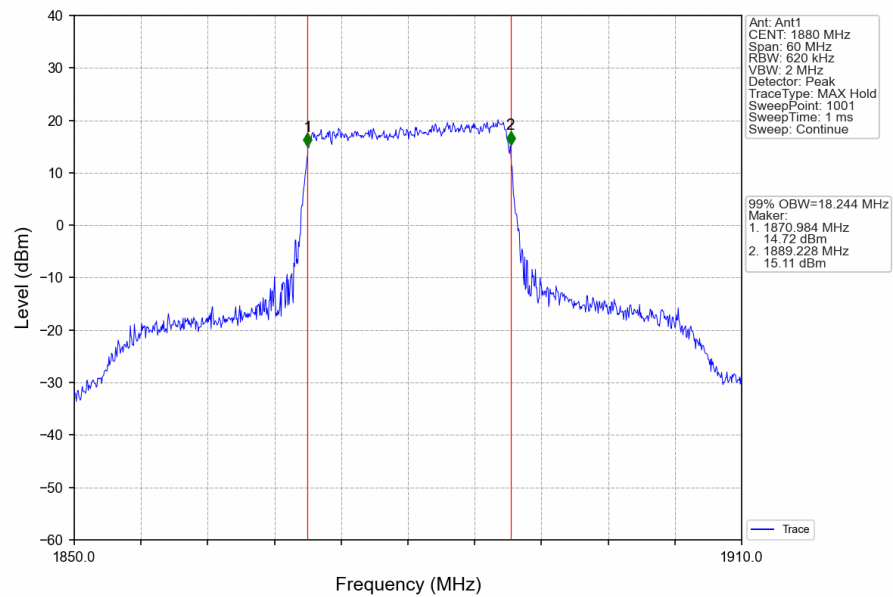
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



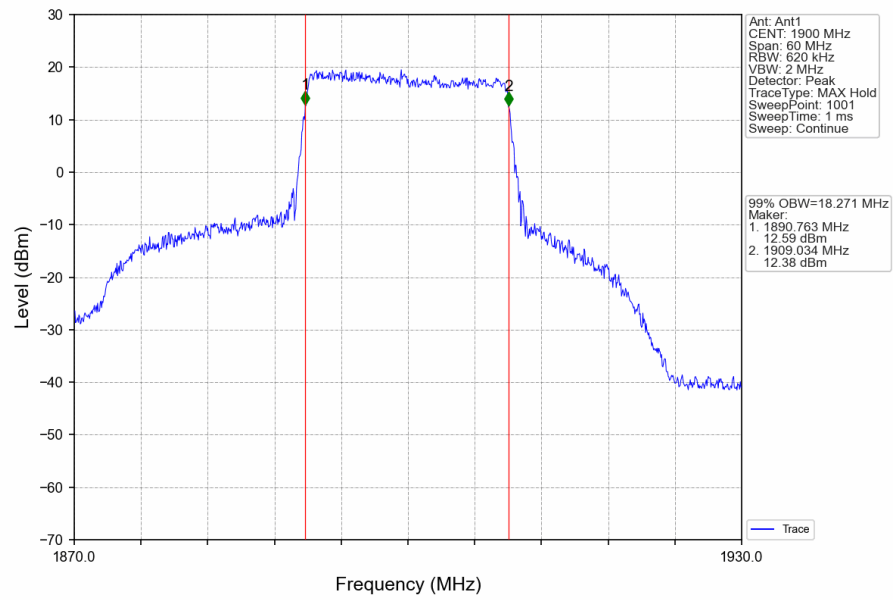
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



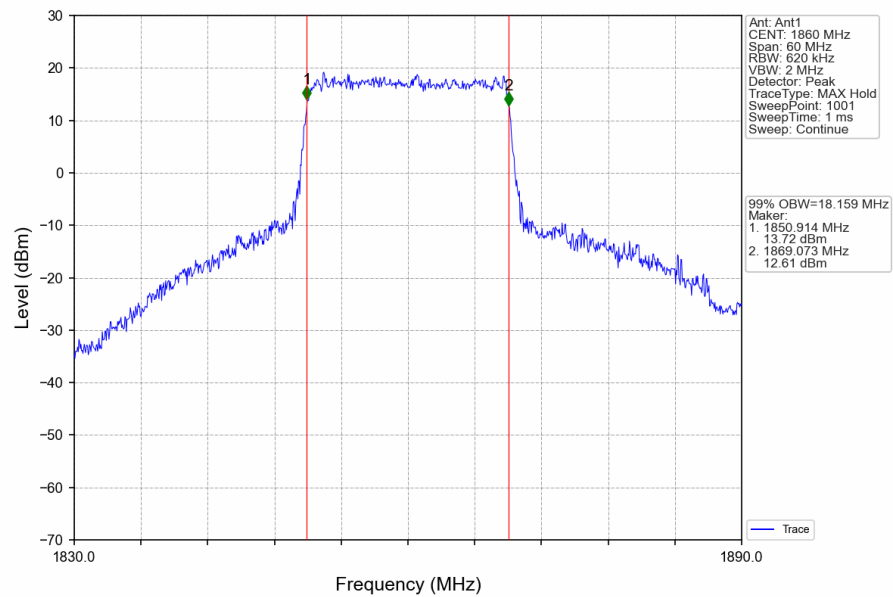
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



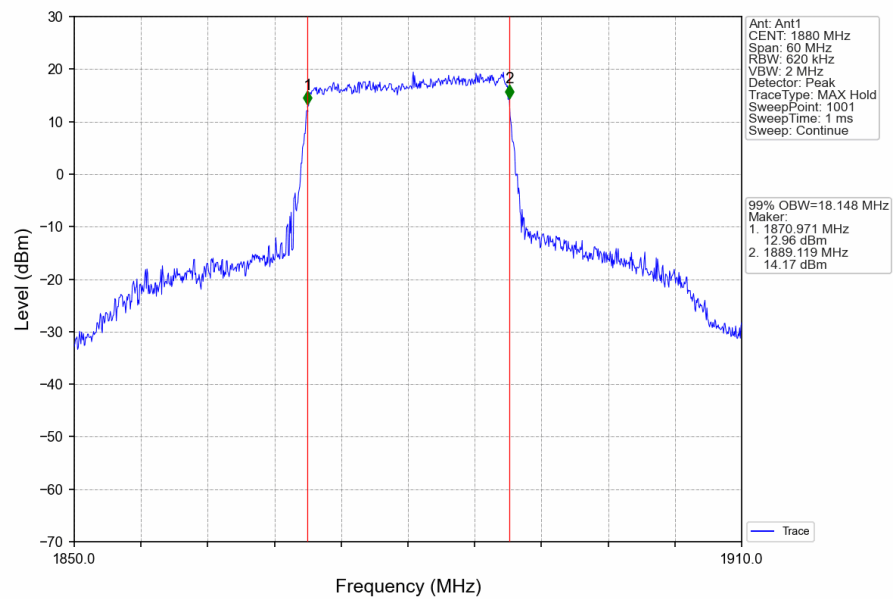
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



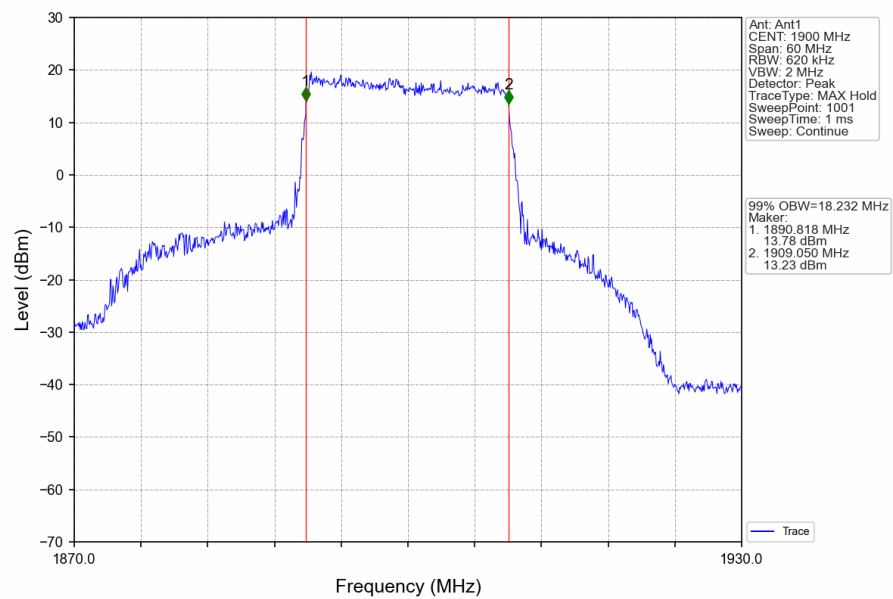
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

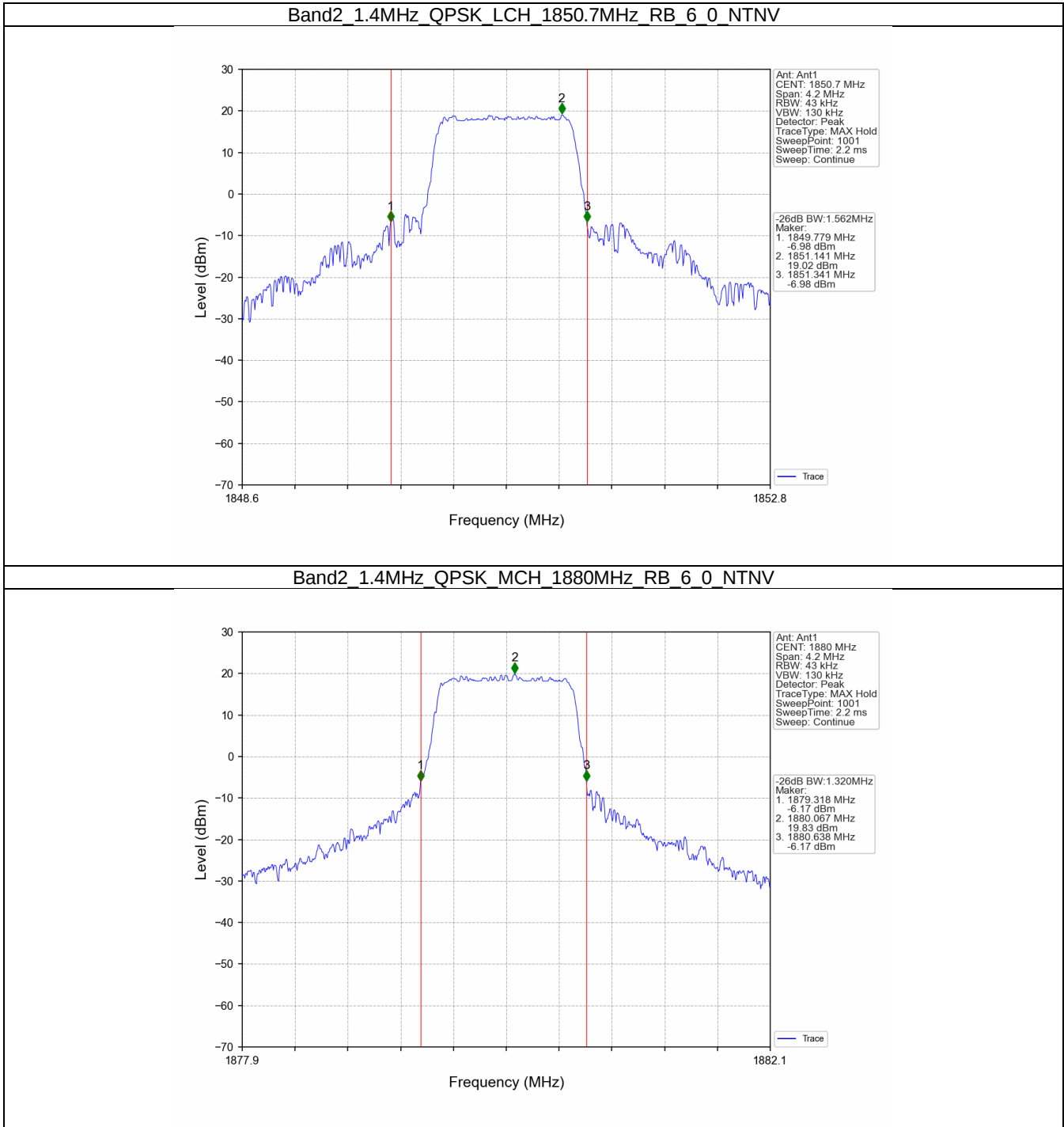


4.2 Band2_XDB

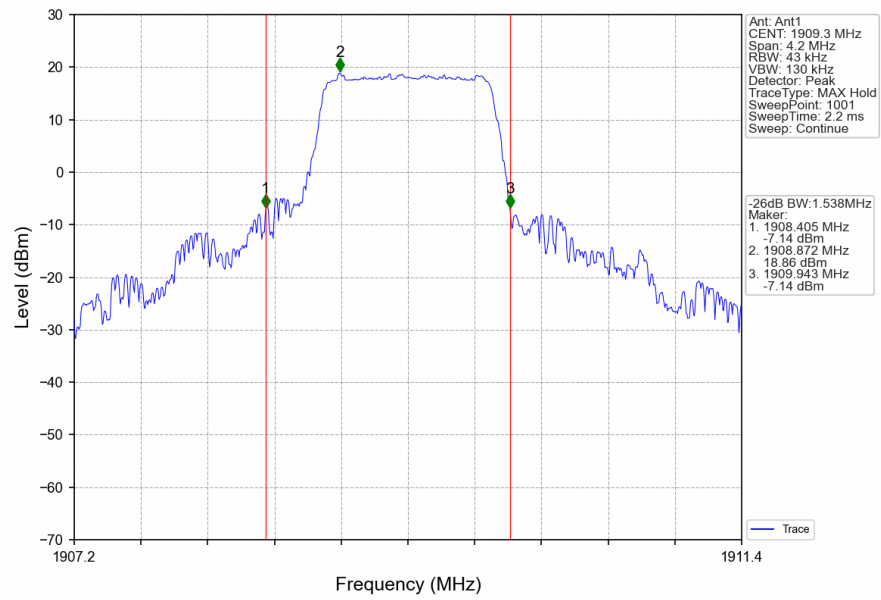
4.2.1 Test Result

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.562	/	Pass
		1880	6	0	1.320	/	Pass
		1909.3	6	0	1.538	/	Pass
	16QAM	1850.7	6	0	1.384	/	Pass
		1880	6	0	1.479	/	Pass
		1909.3	6	0	1.535	/	Pass
3	QPSK	1851.5	15	0	3.316	/	Pass
		1880	15	0	3.523	/	Pass
		1908.5	15	0	3.441	/	Pass
	16QAM	1851.5	15	0	3.486	/	Pass
		1880	15	0	3.539	/	Pass
		1908.5	15	0	3.266	/	Pass
5	QPSK	1852.5	25	0	5.544	/	Pass
		1880	25	0	5.536	/	Pass
		1907.5	25	0	5.415	/	Pass
	16QAM	1852.5	25	0	5.363	/	Pass
		1880	25	0	5.907	/	Pass
		1907.5	25	0	5.592	/	Pass
10	QPSK	1855	50	0	10.292	/	Pass
		1880	50	0	10.259	/	Pass
		1905	50	0	10.449	/	Pass
	16QAM	1855	50	0	10.409	/	Pass
		1880	50	0	10.319	/	Pass
		1905	50	0	10.913	/	Pass
15	QPSK	1857.5	75	0	15.611	/	Pass
		1880	75	0	15.448	/	Pass
		1902.5	75	0	16.428	/	Pass
	16QAM	1857.5	75	0	15.196	/	Pass
		1880	75	0	15.557	/	Pass
		1902.5	75	0	15.345	/	Pass
20	QPSK	1860	100	0	20.292	/	Pass
		1880	100	0	20.519	/	Pass
		1900	100	0	21.086	/	Pass
	16QAM	1860	100	0	20.640	/	Pass
		1880	100	0	20.356	/	Pass
		1900	100	0	20.485	/	Pass

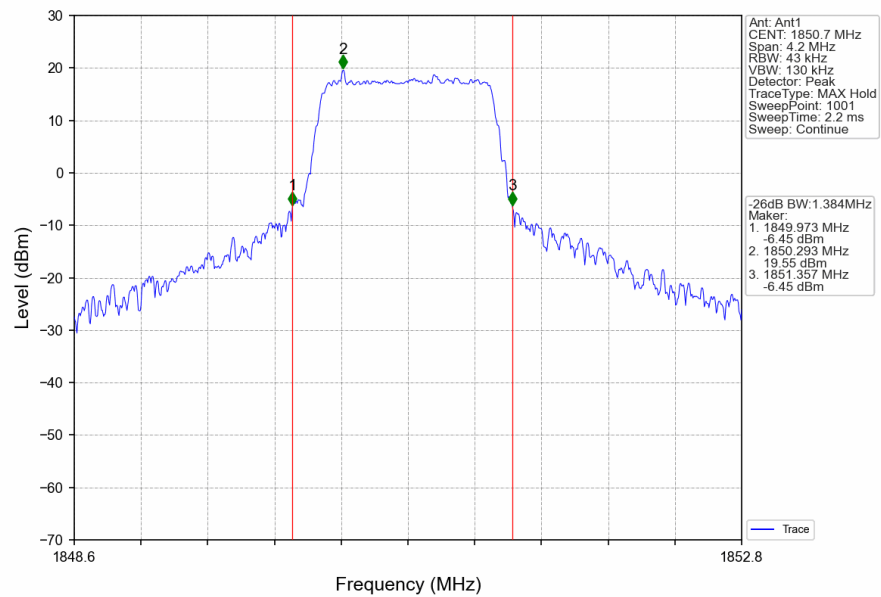
4.2.2 Test Graph



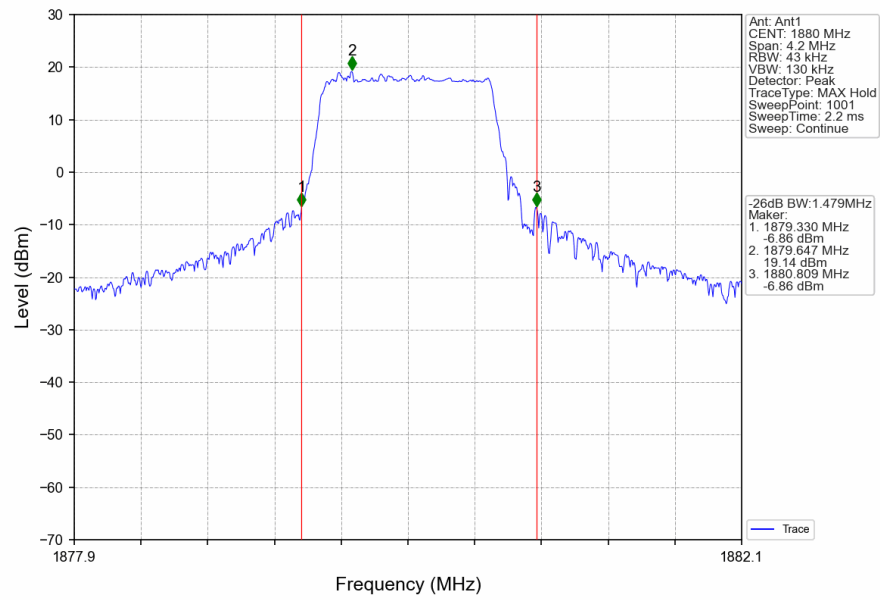
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



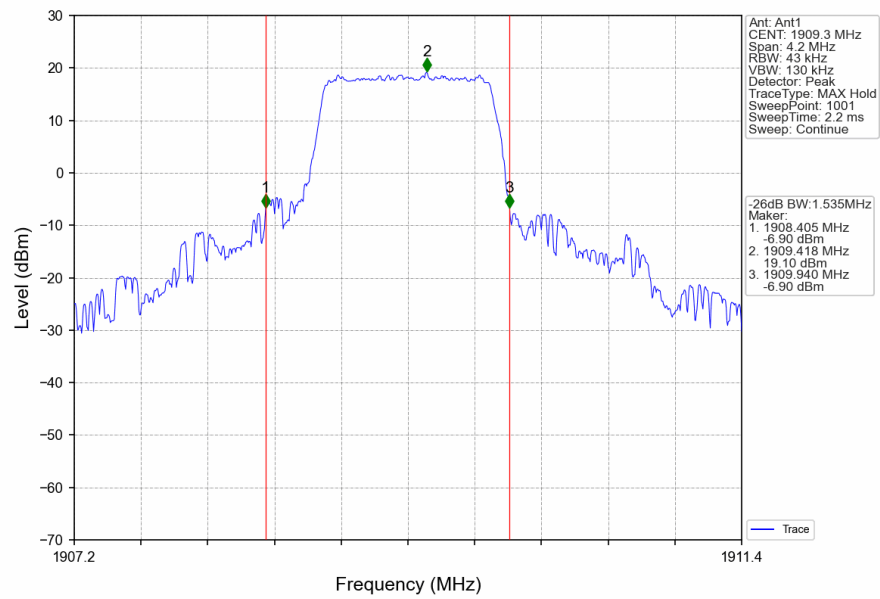
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



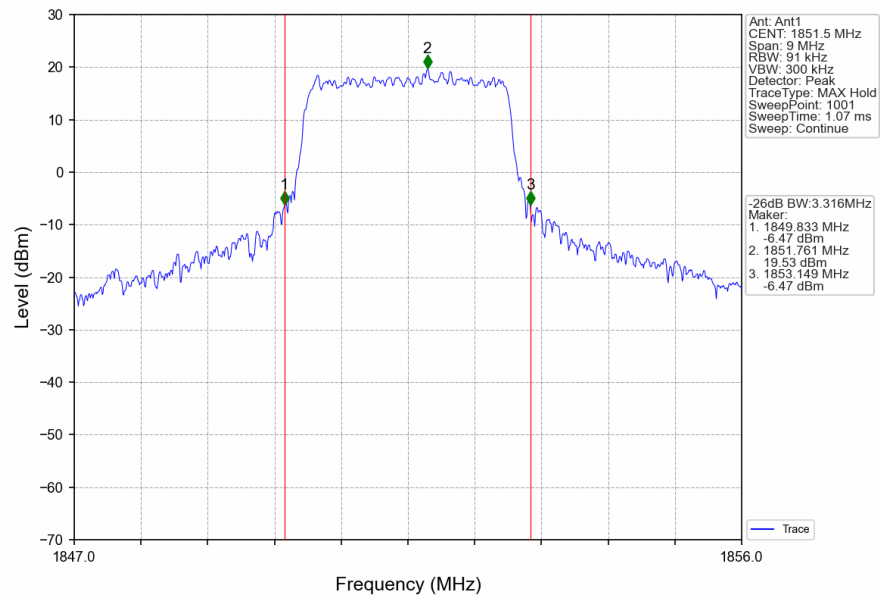
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



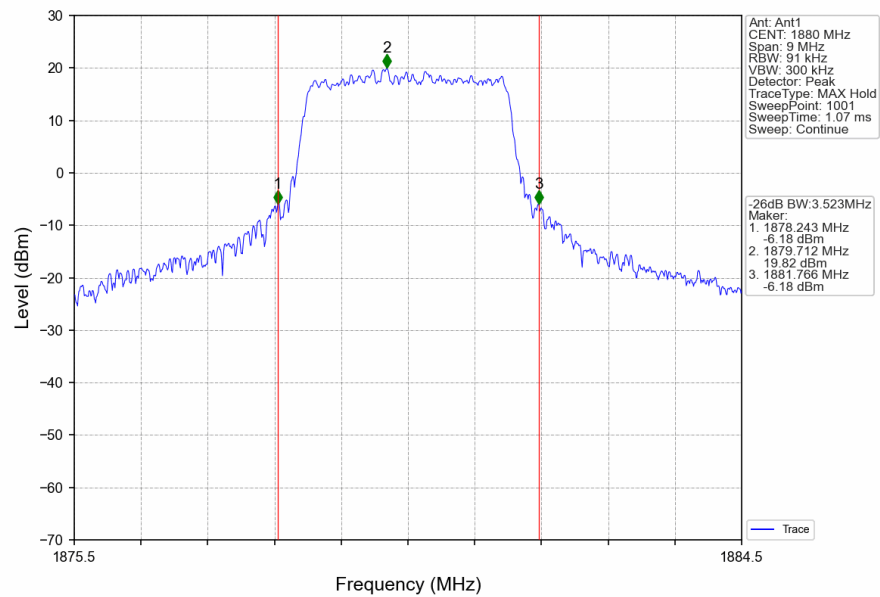
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



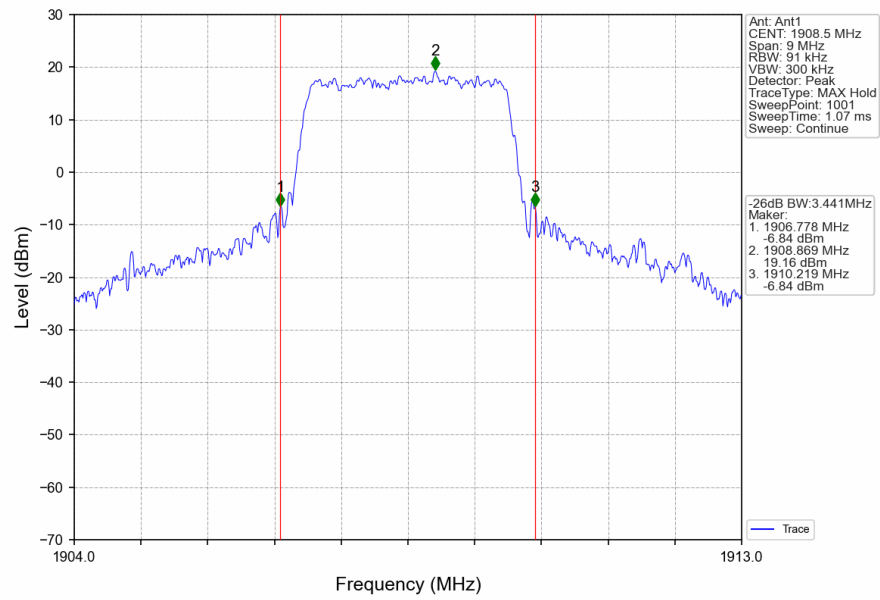
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



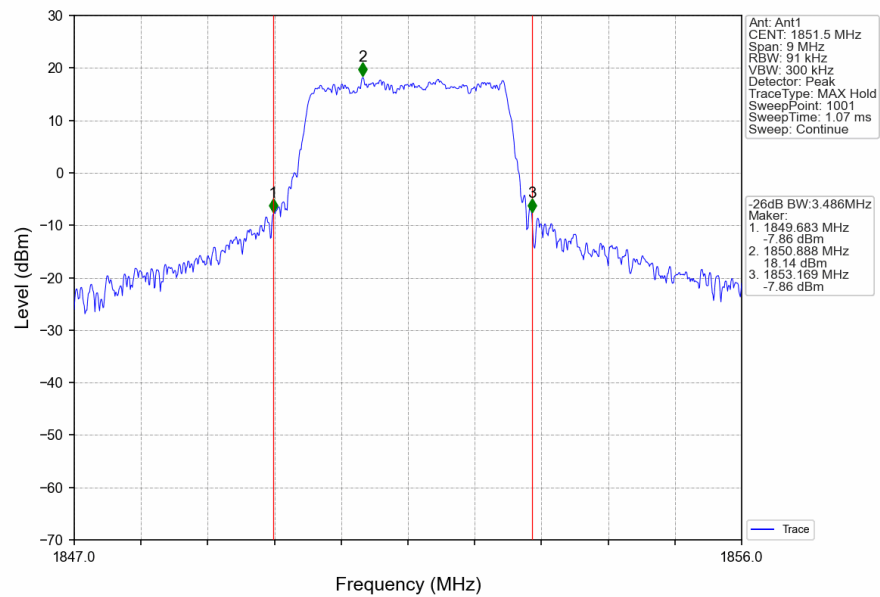
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



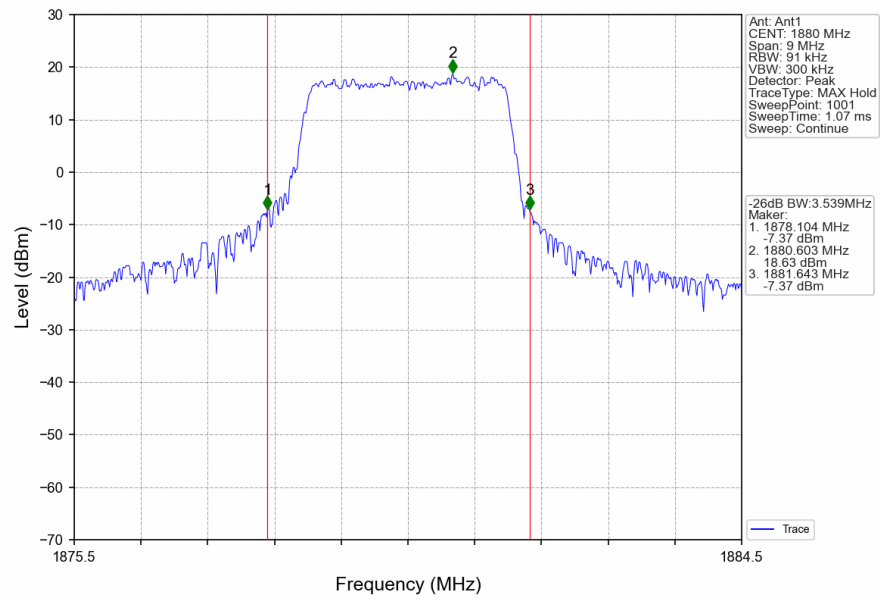
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



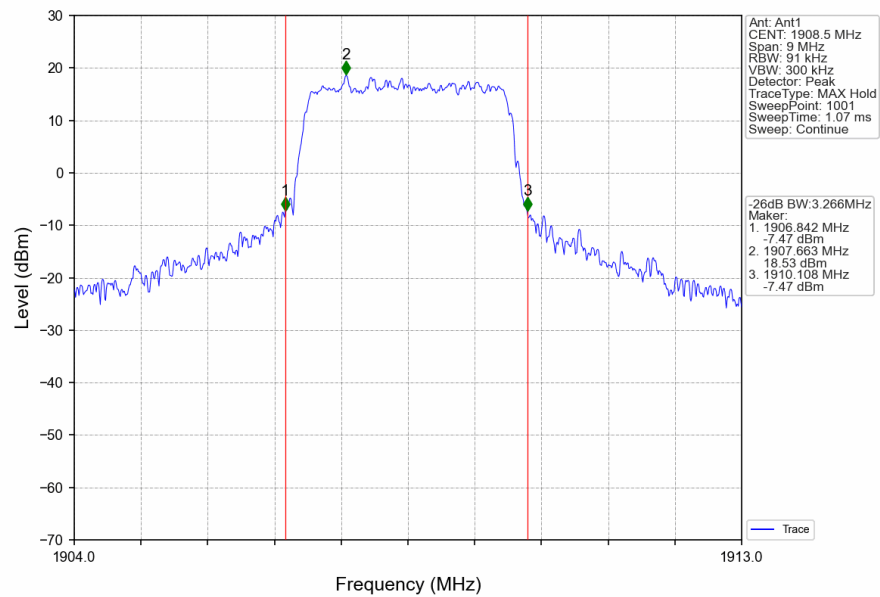
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



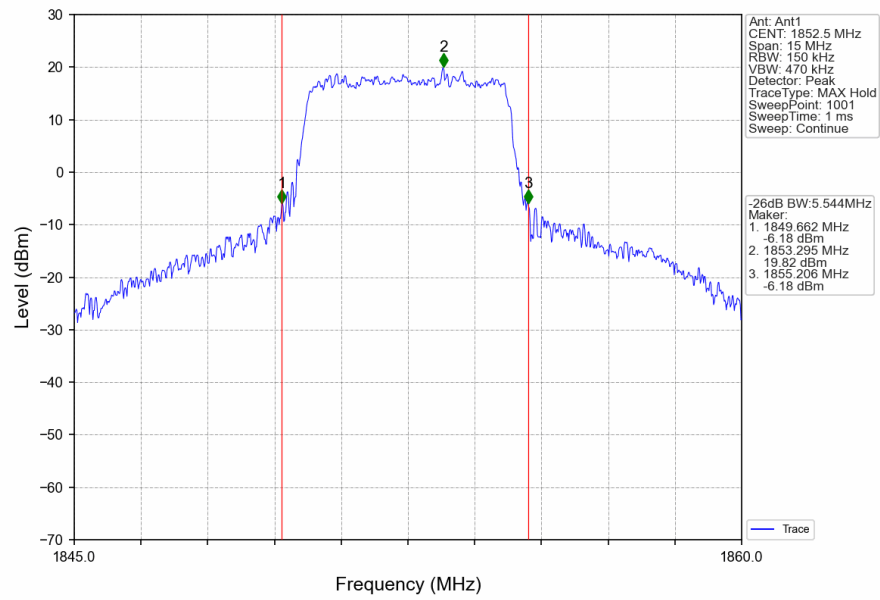
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



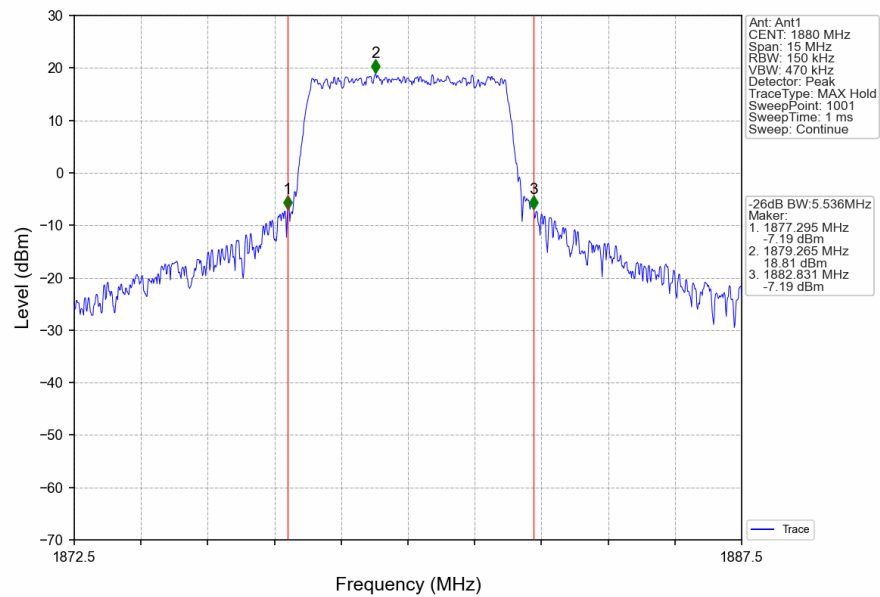
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



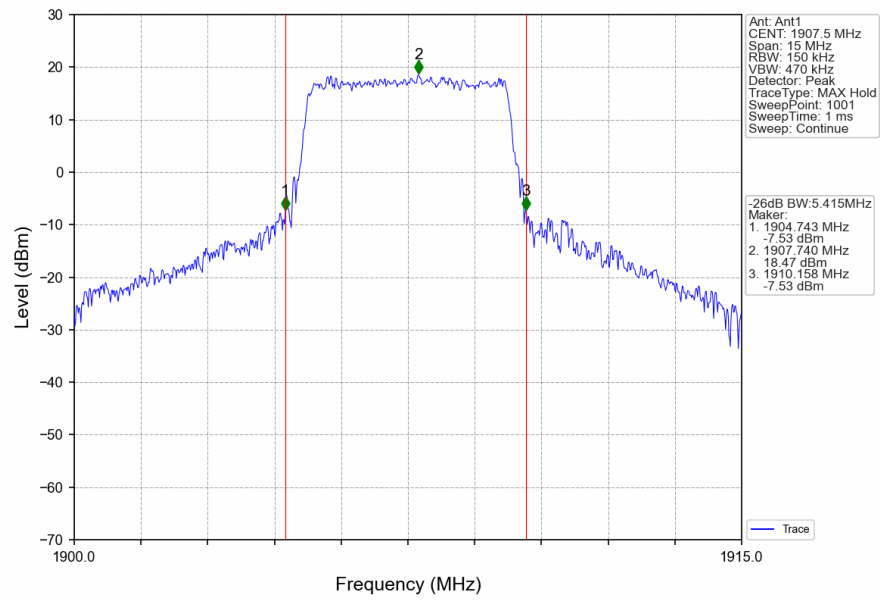
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



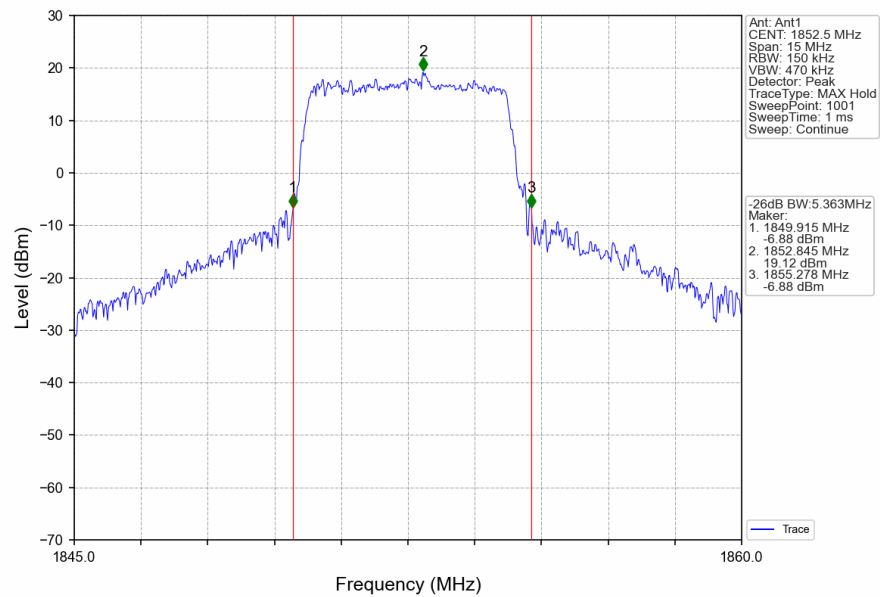
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



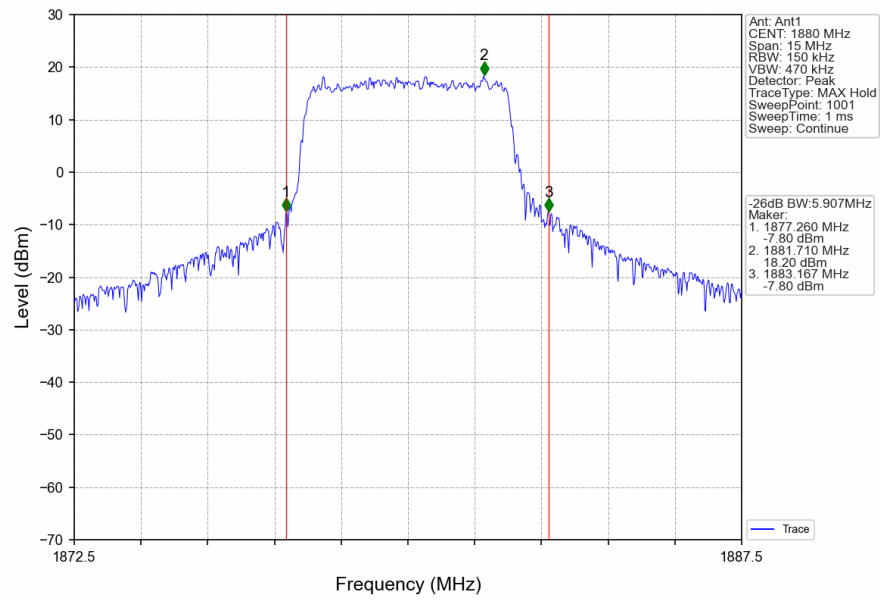
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



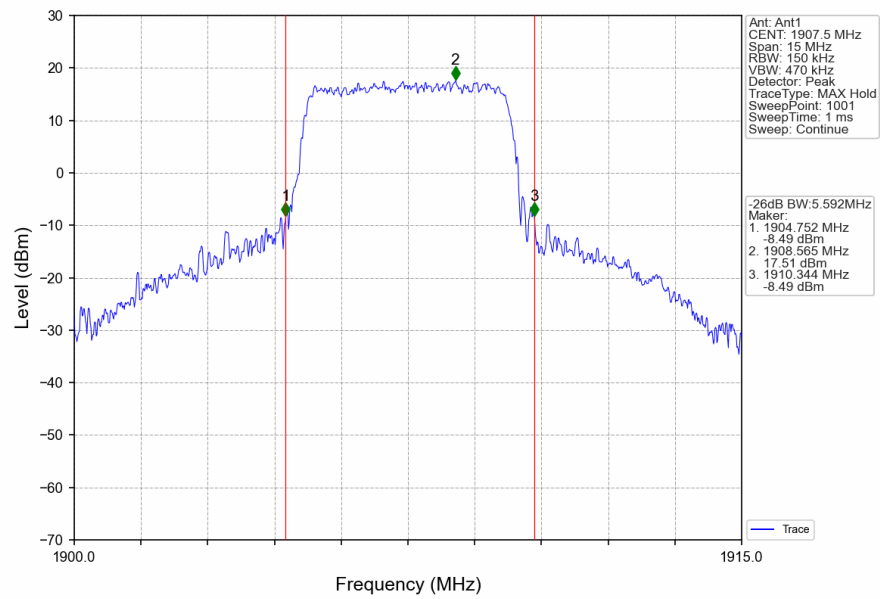
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



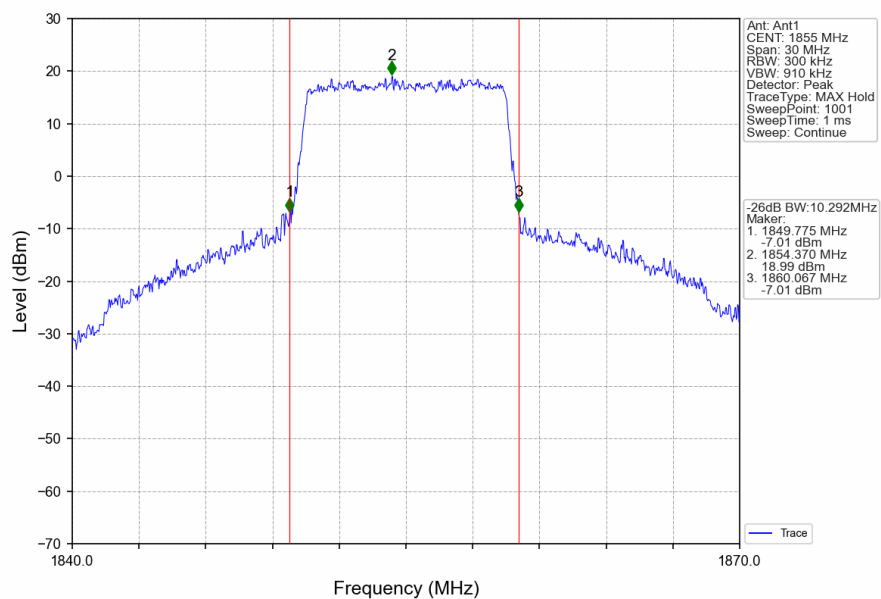
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



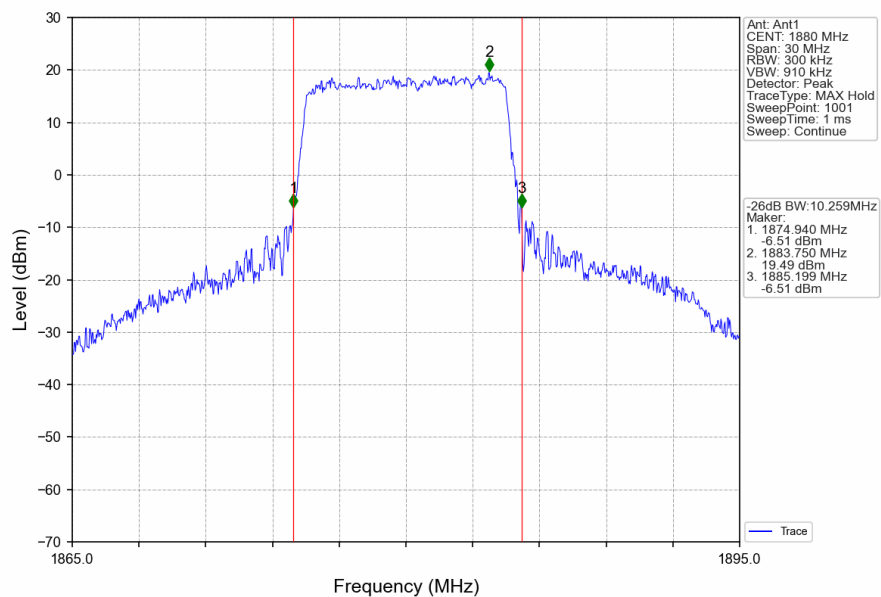
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



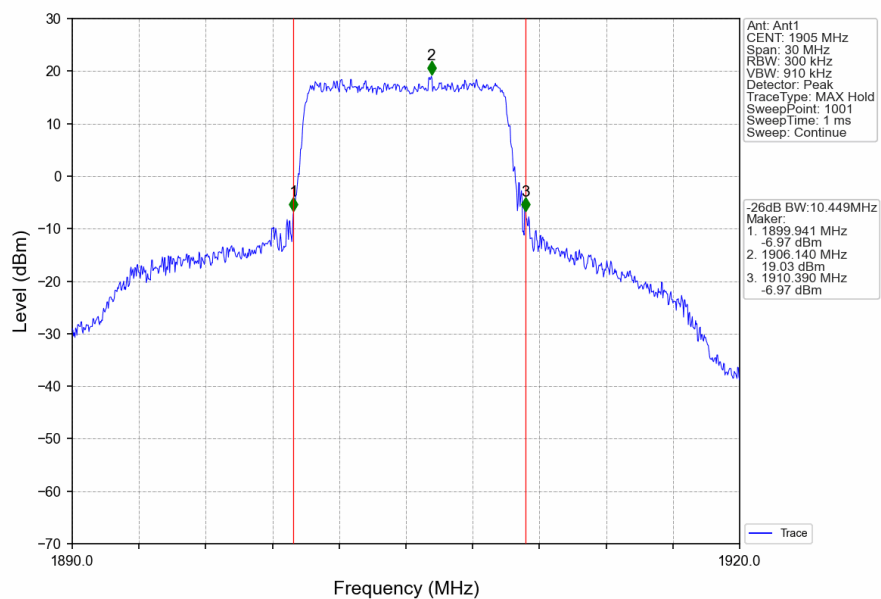
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



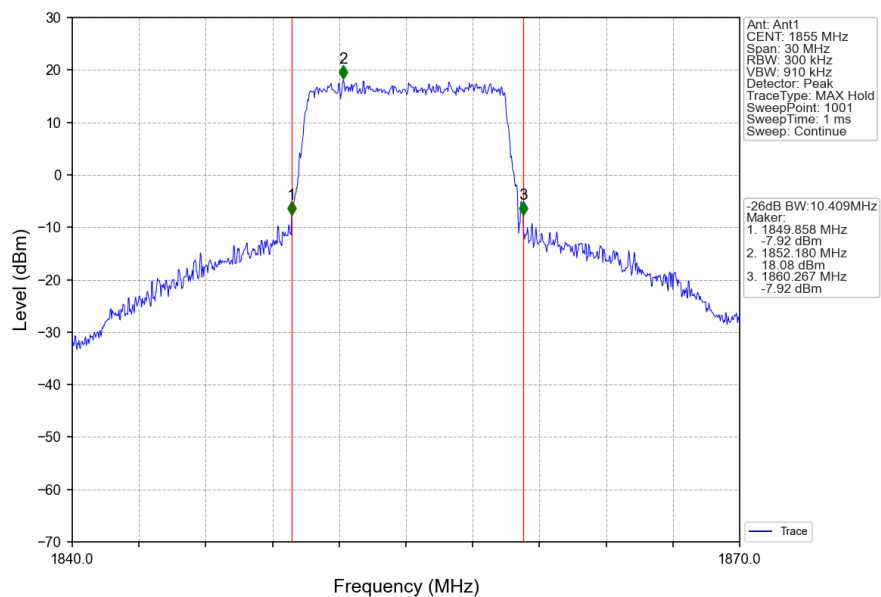
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



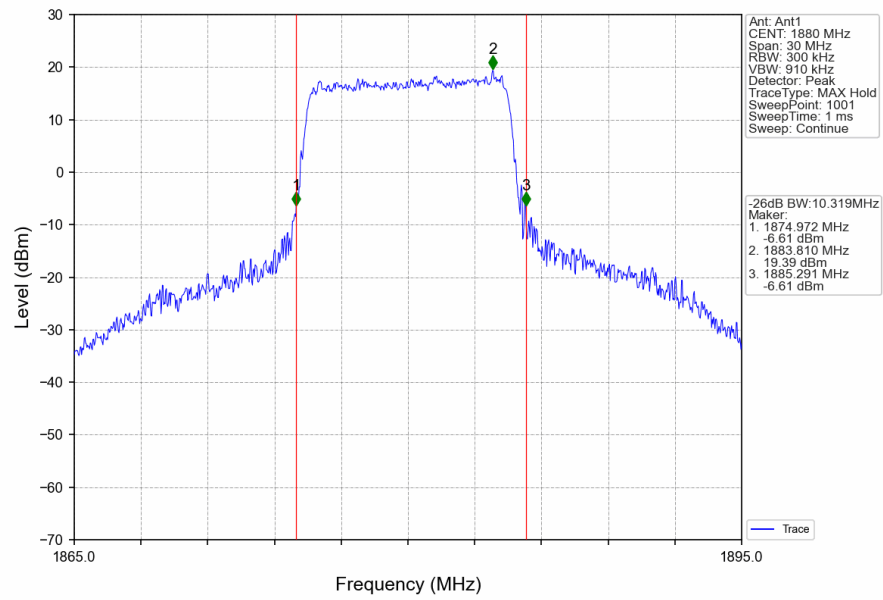
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



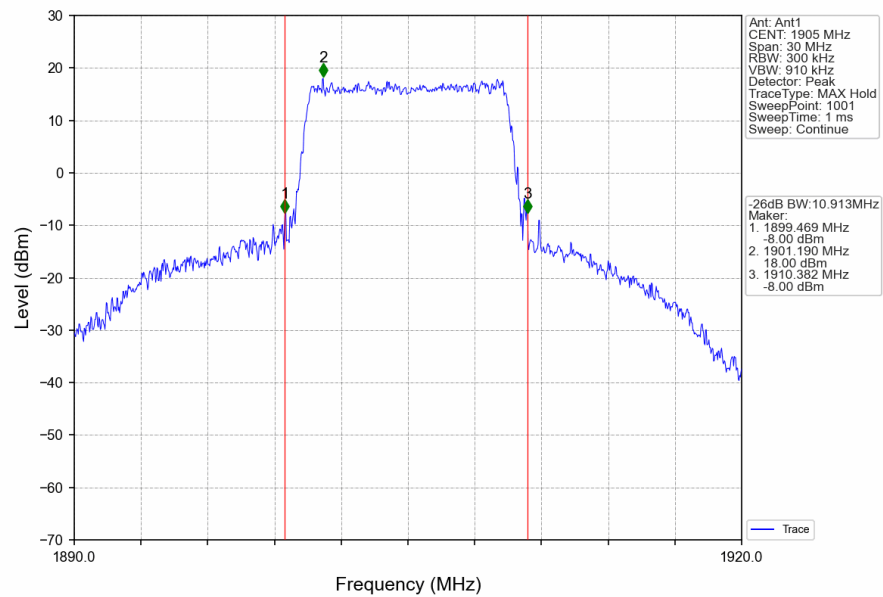
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



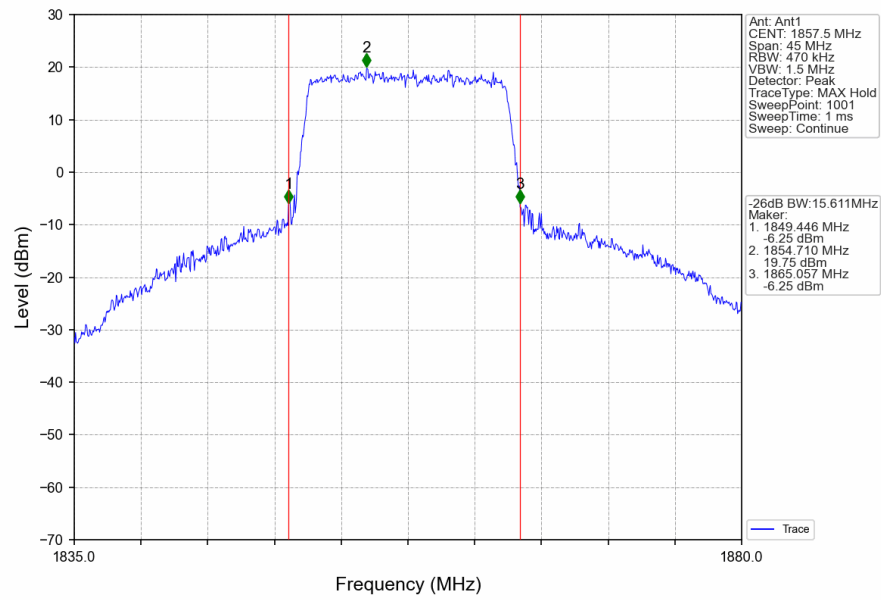
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



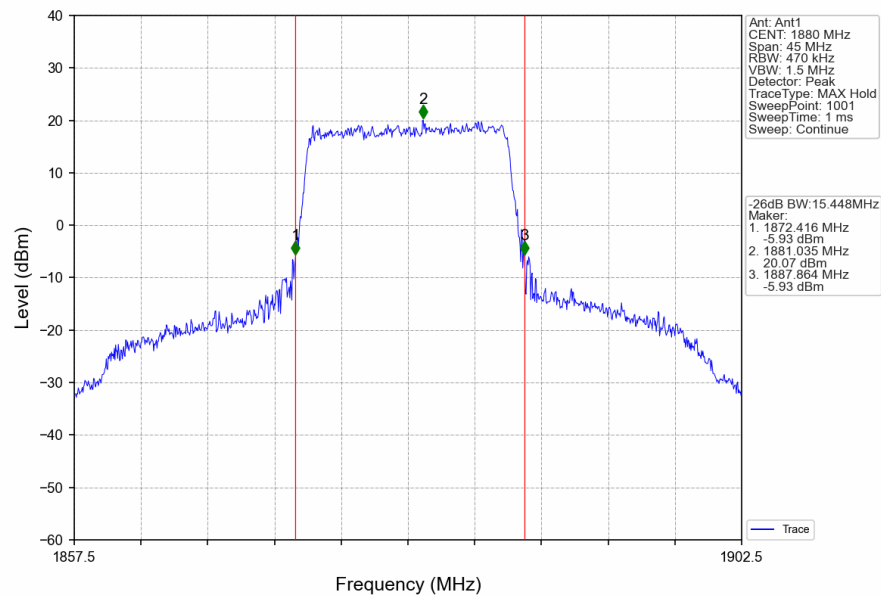
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



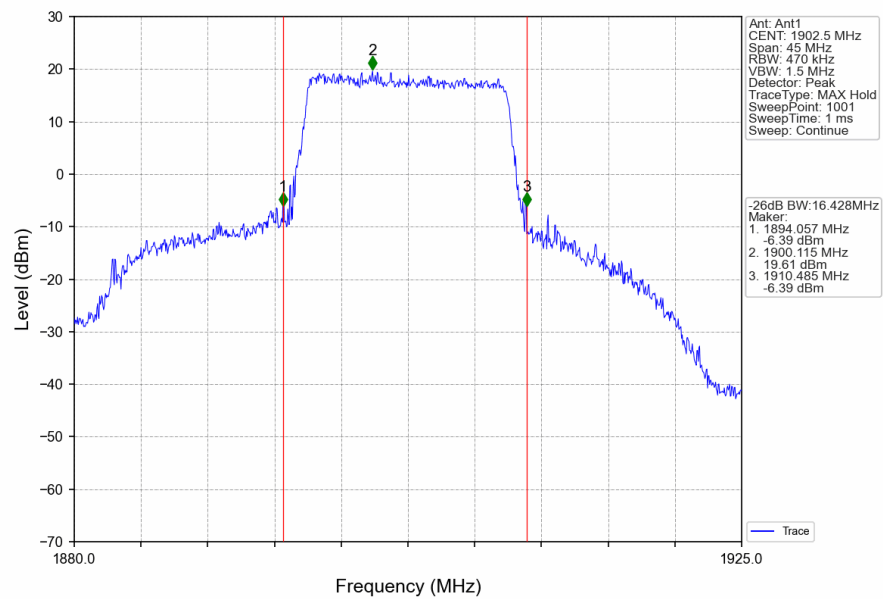
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



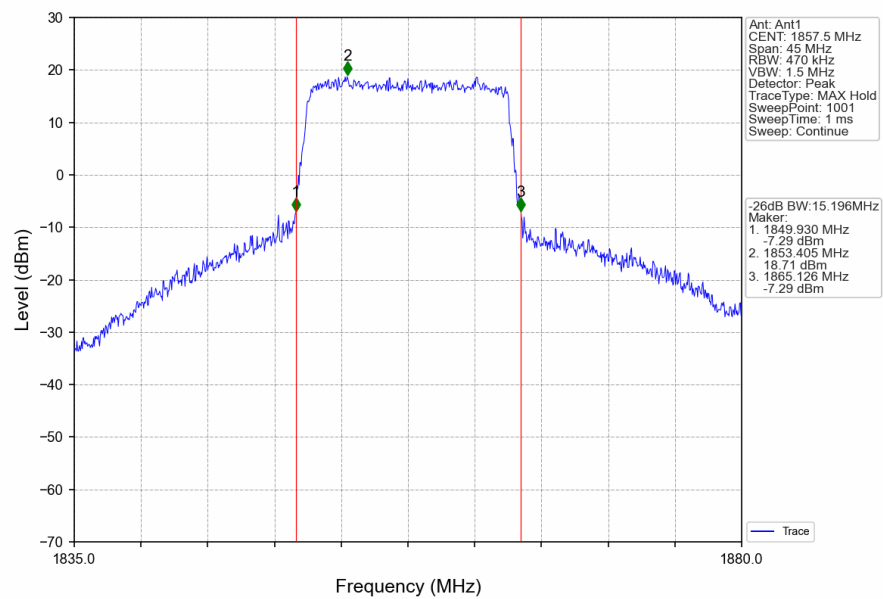
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



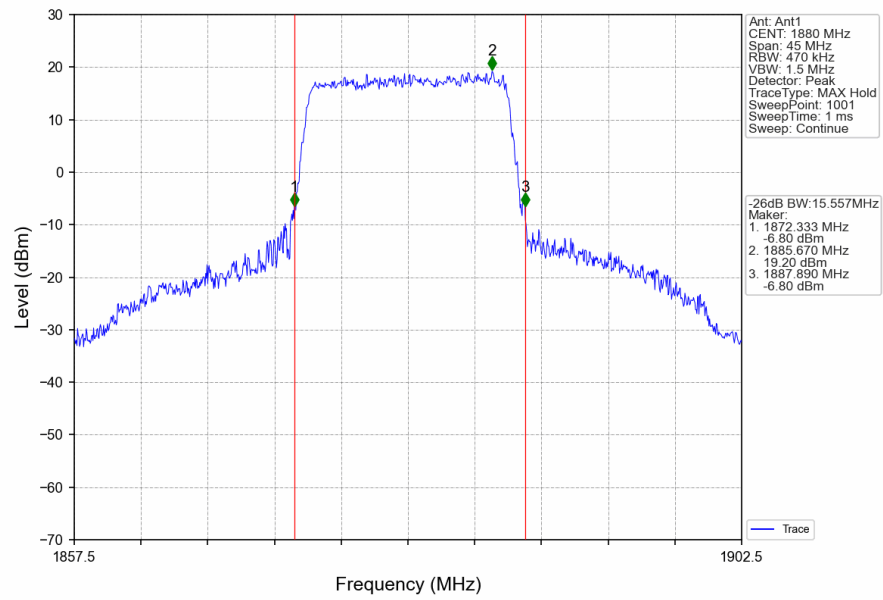
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



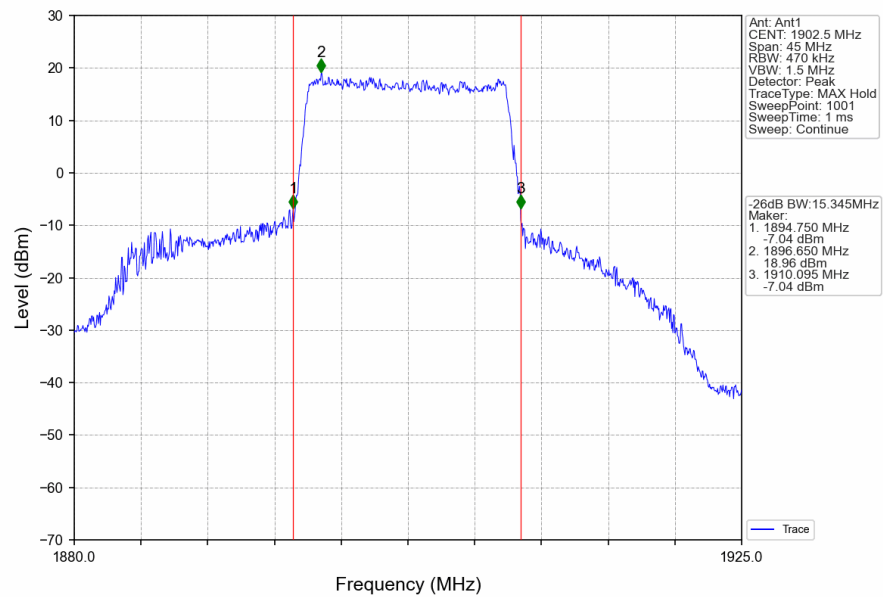
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



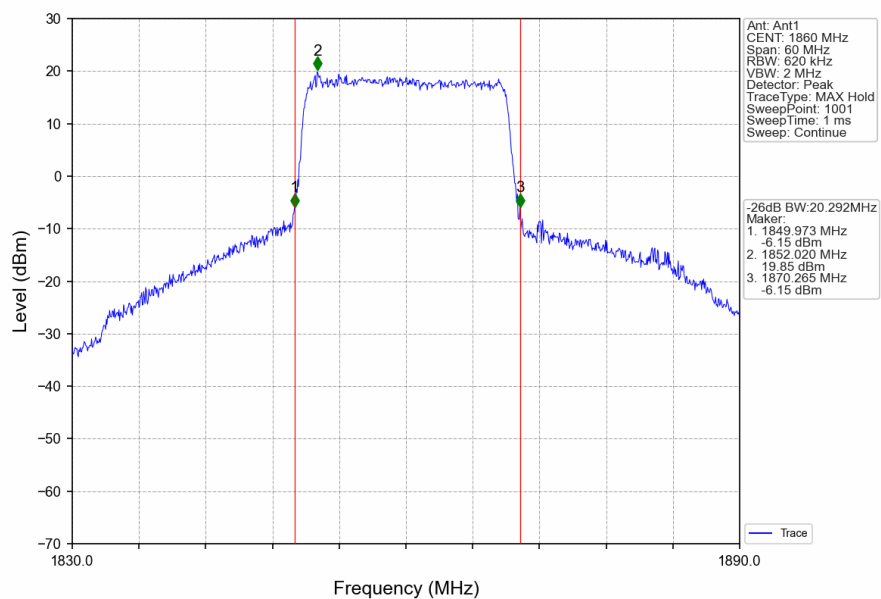
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



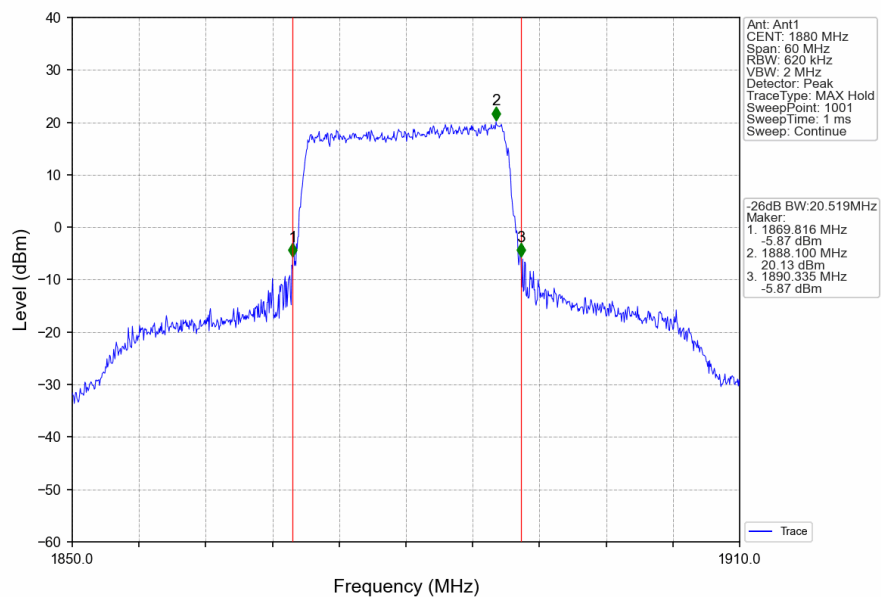
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



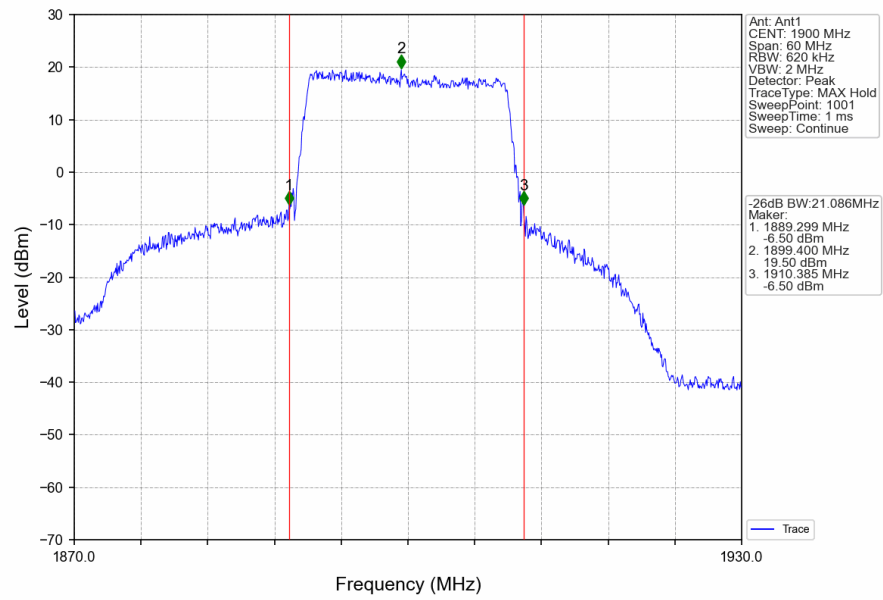
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



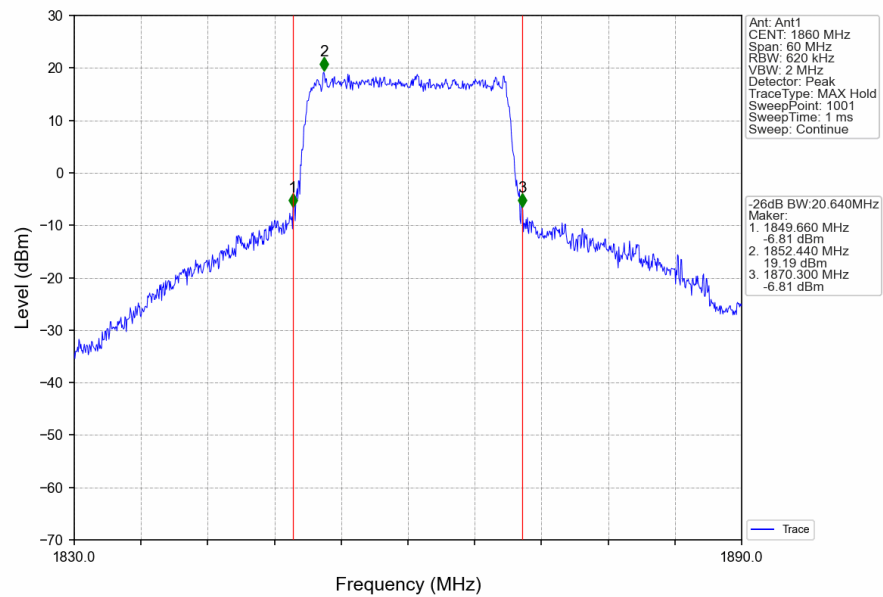
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



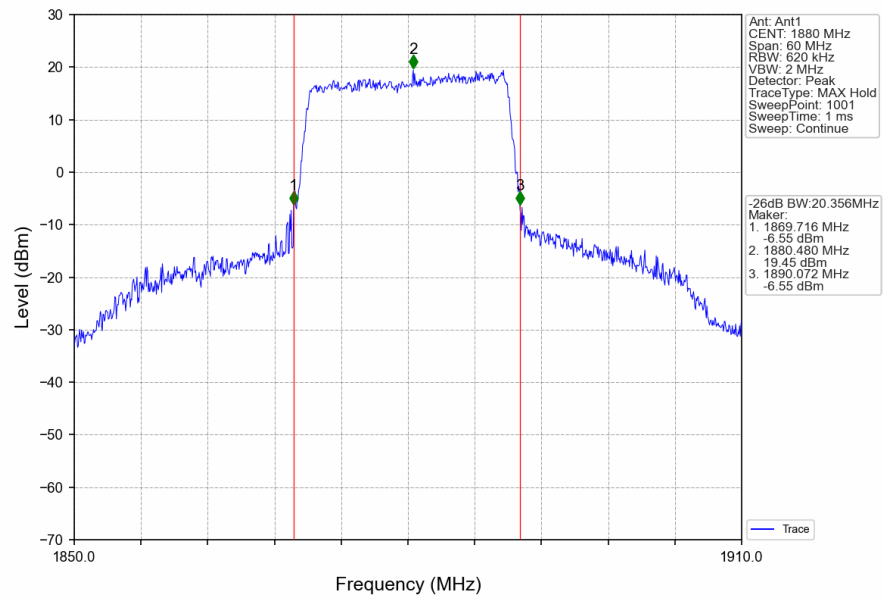
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



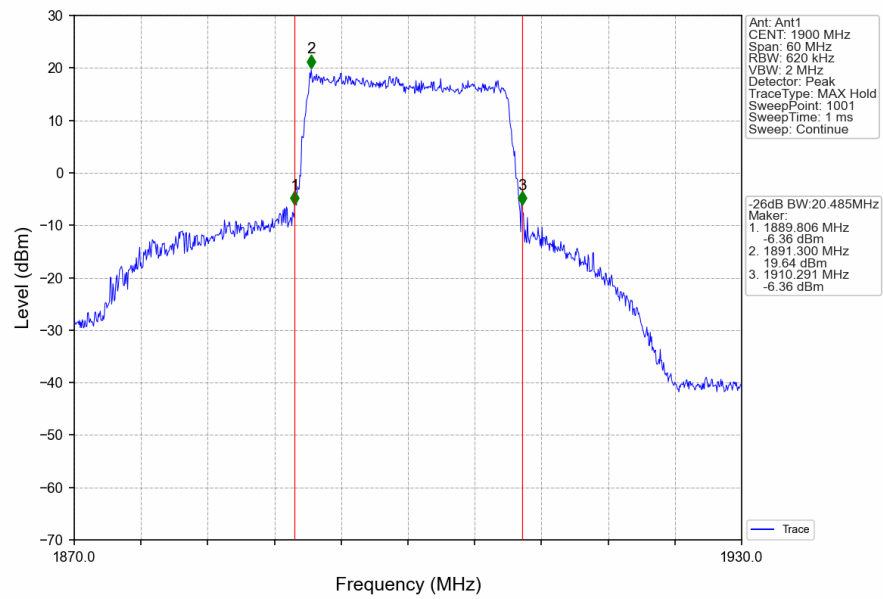
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



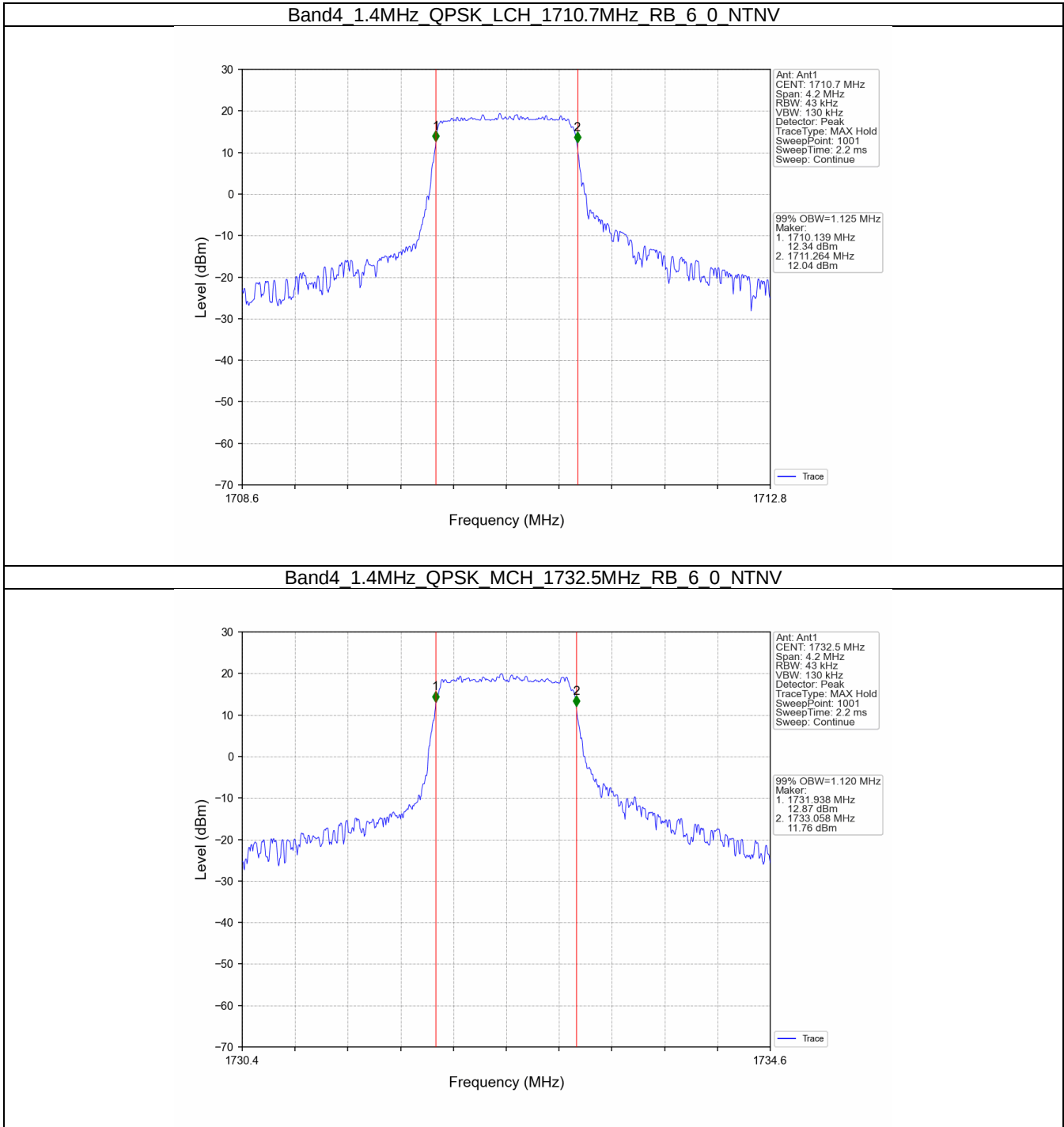
5. 99% & 26dB Bandwidth

5.1 Band4_OBW

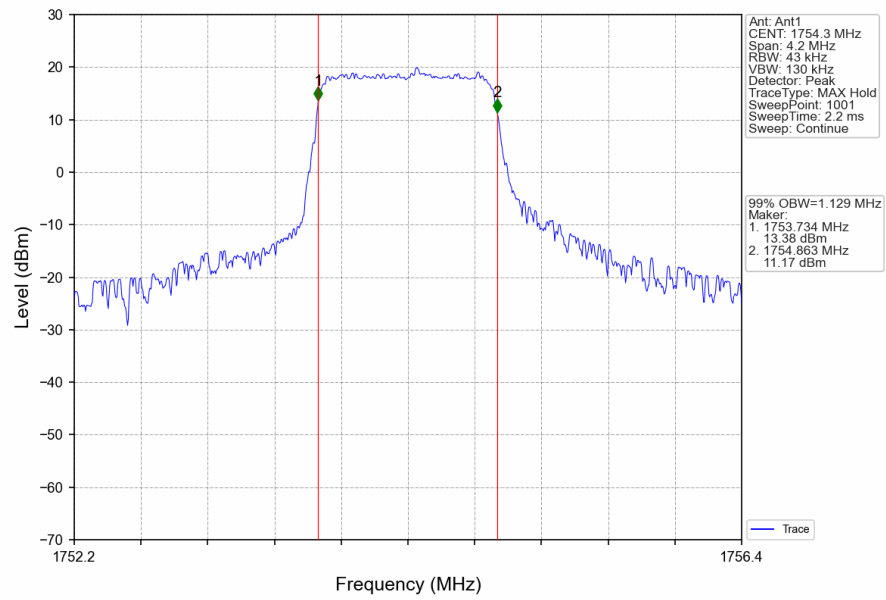
5.1.1 Test Result

Band: 4 / 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	1.120	/	Pass
		1754.3	6	0	1.129	/	Pass
	16QAM	1710.7	6	0	1.126	/	Pass
		1732.5	6	0	1.124	/	Pass
		1754.3	6	0	1.128	/	Pass
3	QPSK	1711.5	15	0	2.776	/	Pass
		1732.5	15	0	2.770	/	Pass
		1753.5	15	0	2.774	/	Pass
	16QAM	1711.5	15	0	2.774	/	Pass
		1732.5	15	0	2.778	/	Pass
		1753.5	15	0	2.783	/	Pass
5	QPSK	1712.5	25	0	4.582	/	Pass
		1732.5	25	0	4.562	/	Pass
		1752.5	25	0	4.571	/	Pass
	16QAM	1712.5	25	0	4.575	/	Pass
		1732.5	25	0	4.597	/	Pass
		1752.5	25	0	4.613	/	Pass
10	QPSK	1715	50	0	9.089	/	Pass
		1732.5	50	0	9.060	/	Pass
		1750	50	0	9.109	/	Pass
	16QAM	1715	50	0	9.062	/	Pass
		1732.5	50	0	9.069	/	Pass
		1750	50	0	9.104	/	Pass
15	QPSK	1717.5	75	0	13.599	/	Pass
		1732.5	75	0	13.580	/	Pass
		1747.5	75	0	13.664	/	Pass
	16QAM	1717.5	75	0	13.626	/	Pass
		1732.5	75	0	13.629	/	Pass
		1747.5	75	0	13.634	/	Pass
20	QPSK	1720	100	0	18.108	/	Pass
		1732.5	100	0	18.144	/	Pass
		1745	100	0	18.201	/	Pass
	16QAM	1720	100	0	18.171	/	Pass
		1732.5	100	0	18.186	/	Pass
		1745	100	0	18.218	/	Pass

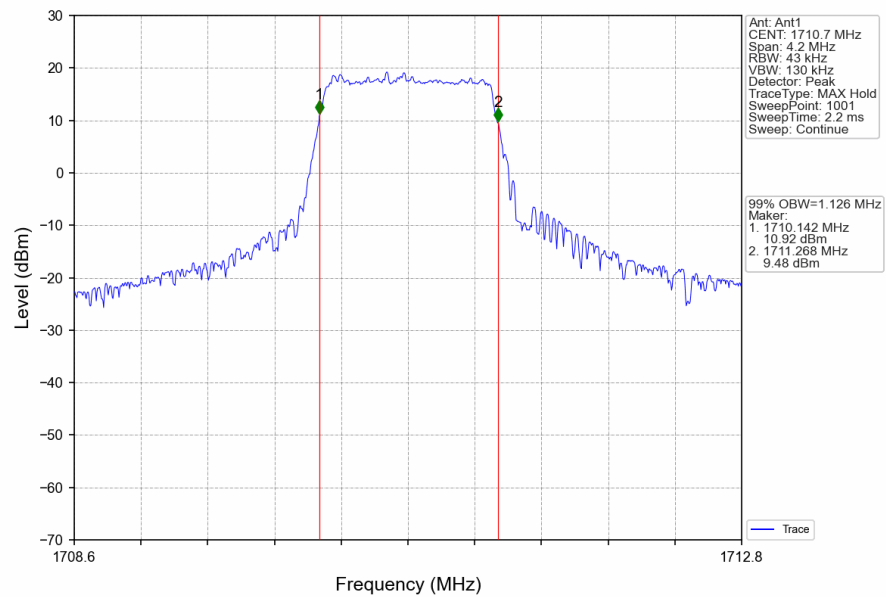
5.1.2 Test Graph



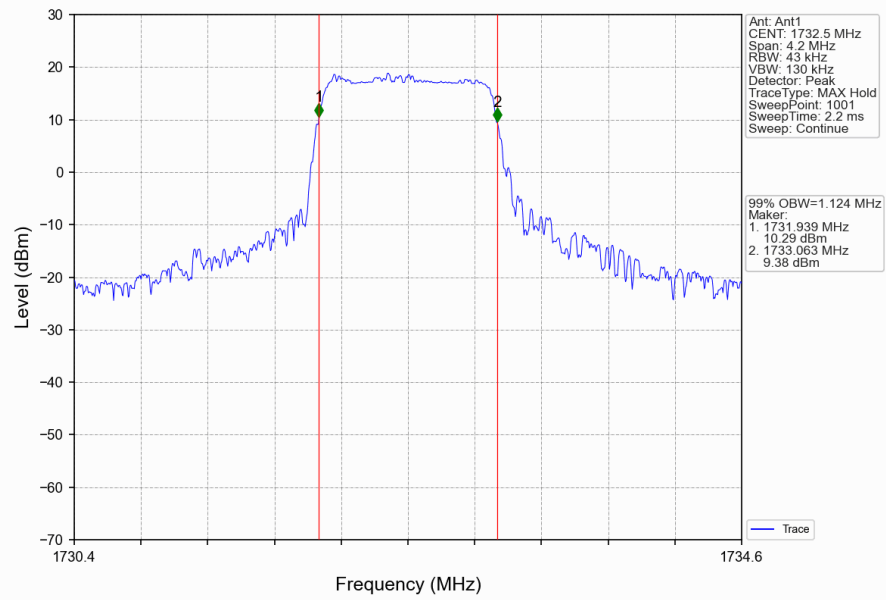
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



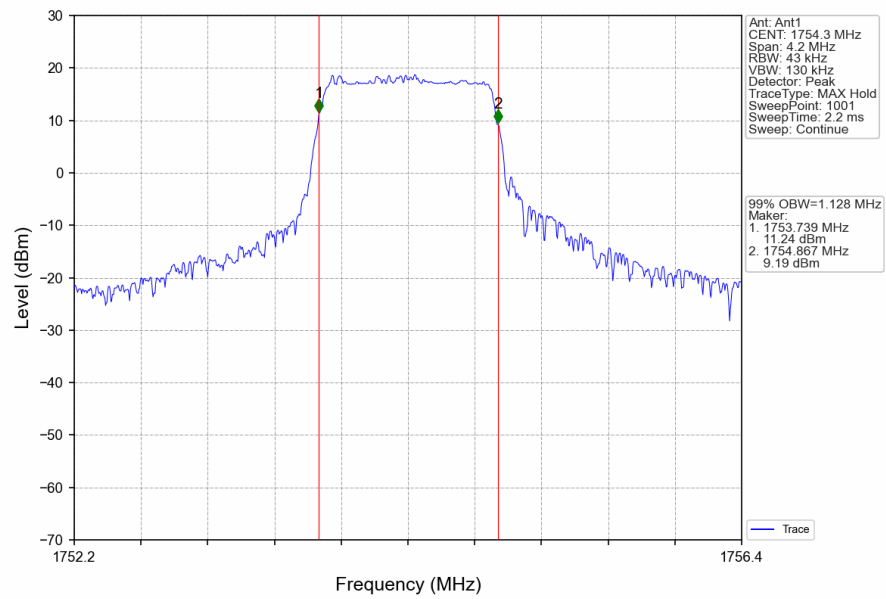
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



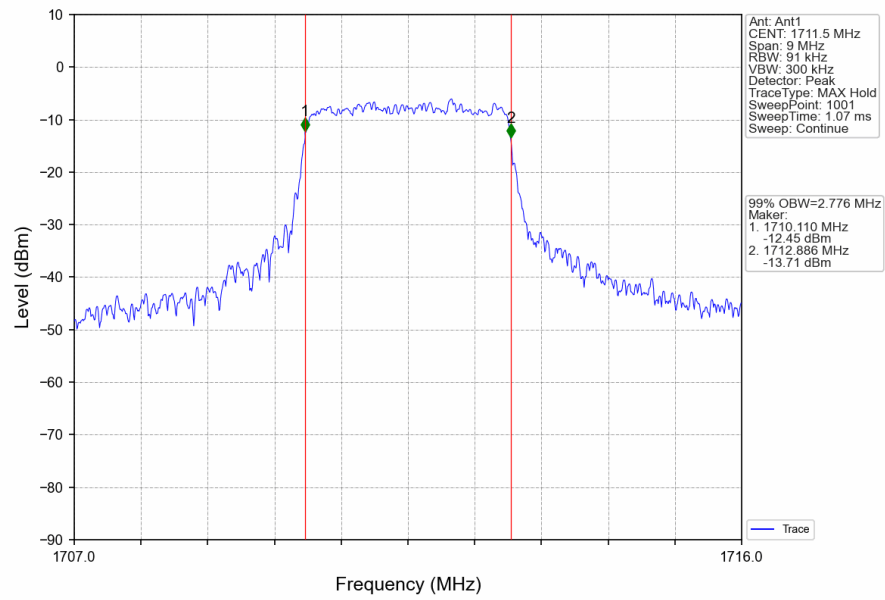
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



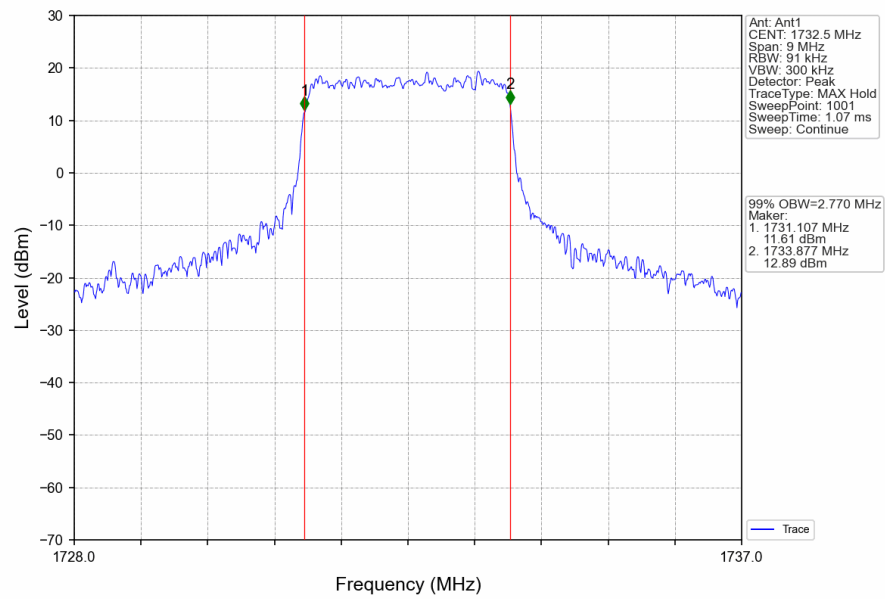
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



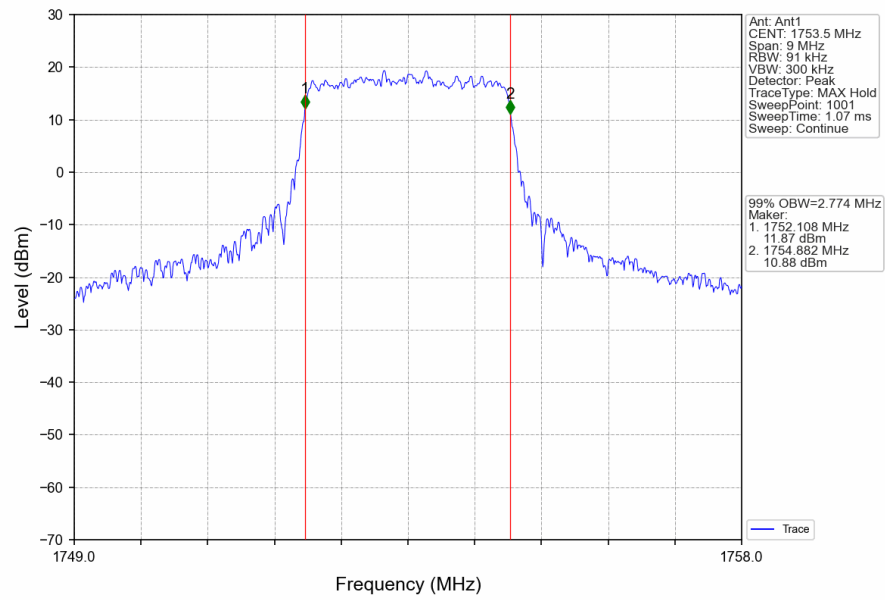
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



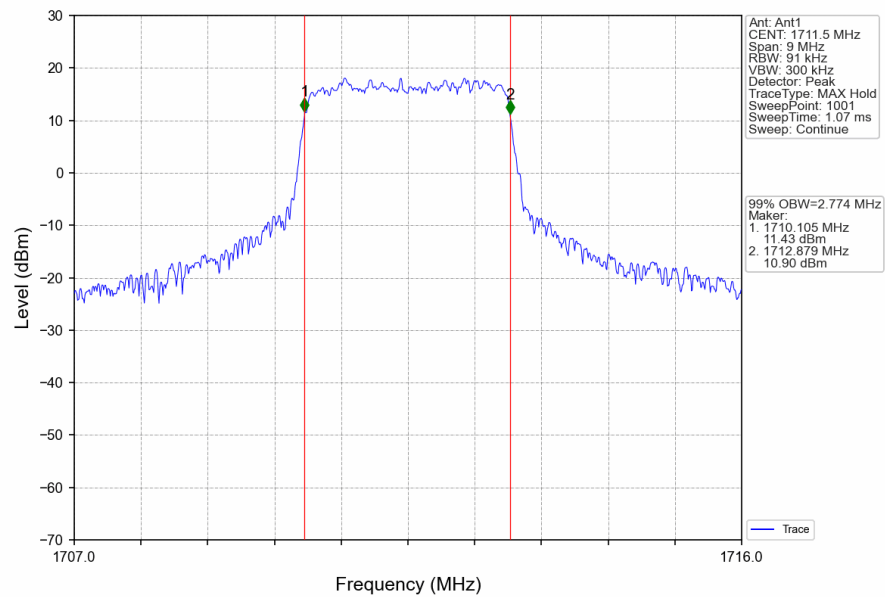
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



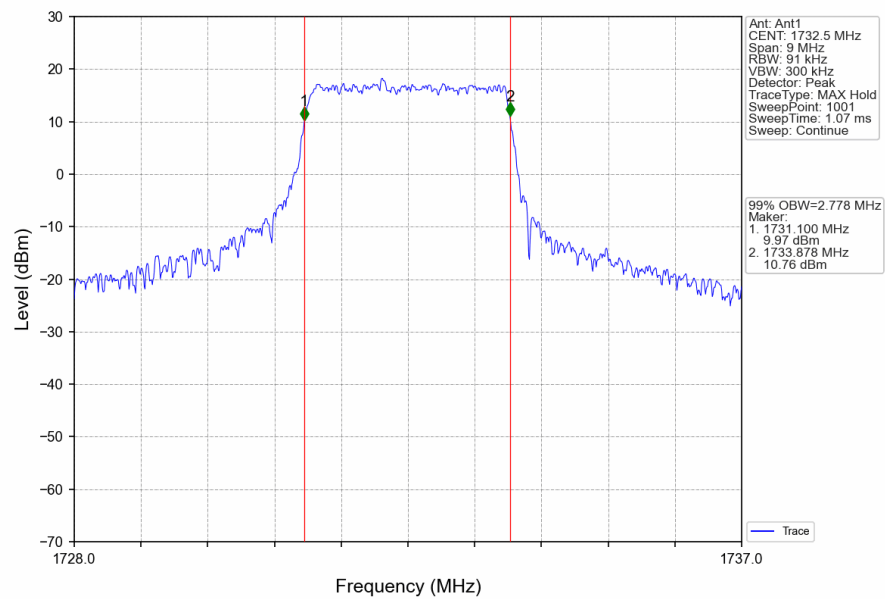
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



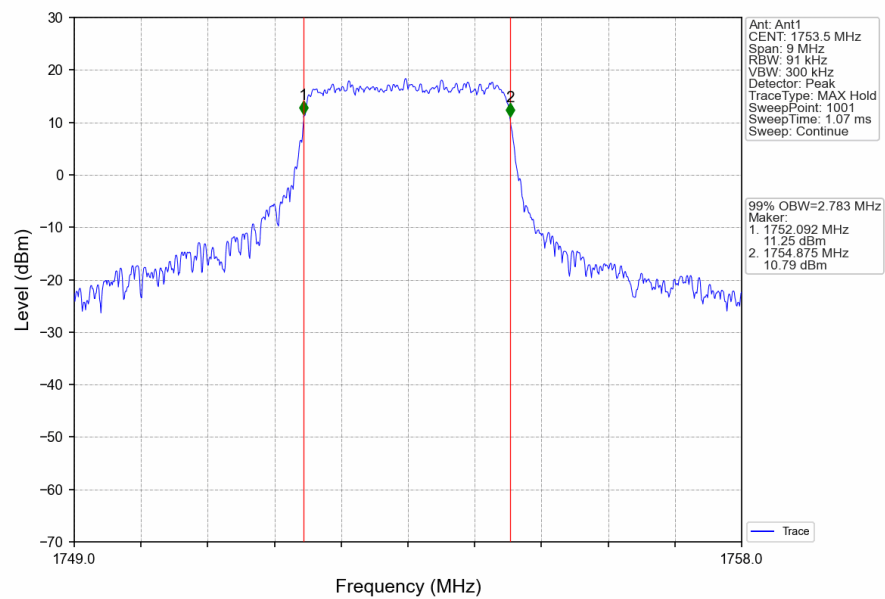
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



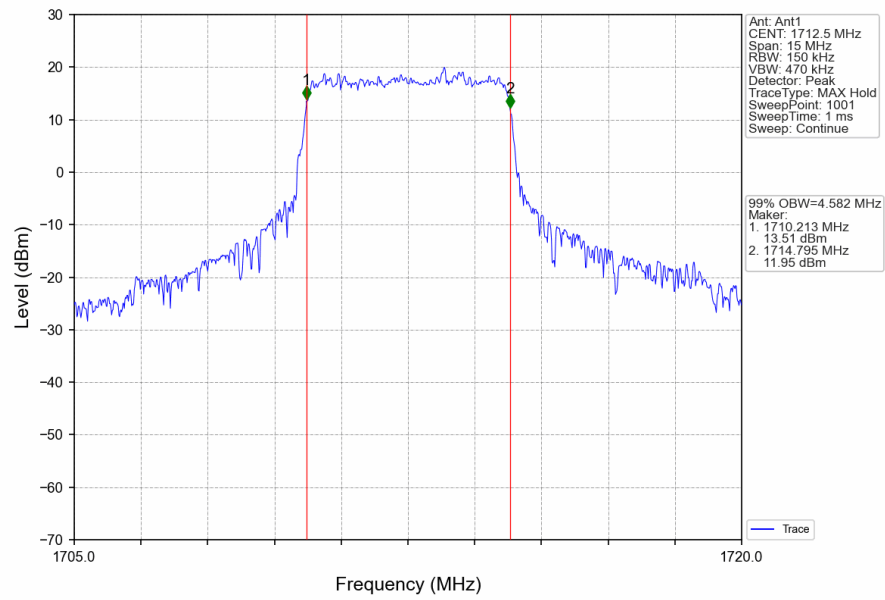
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



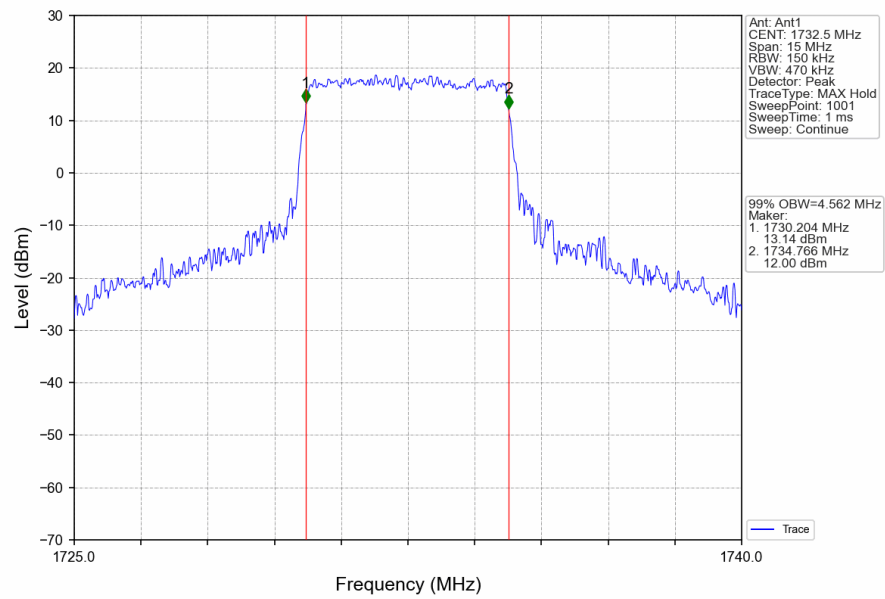
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



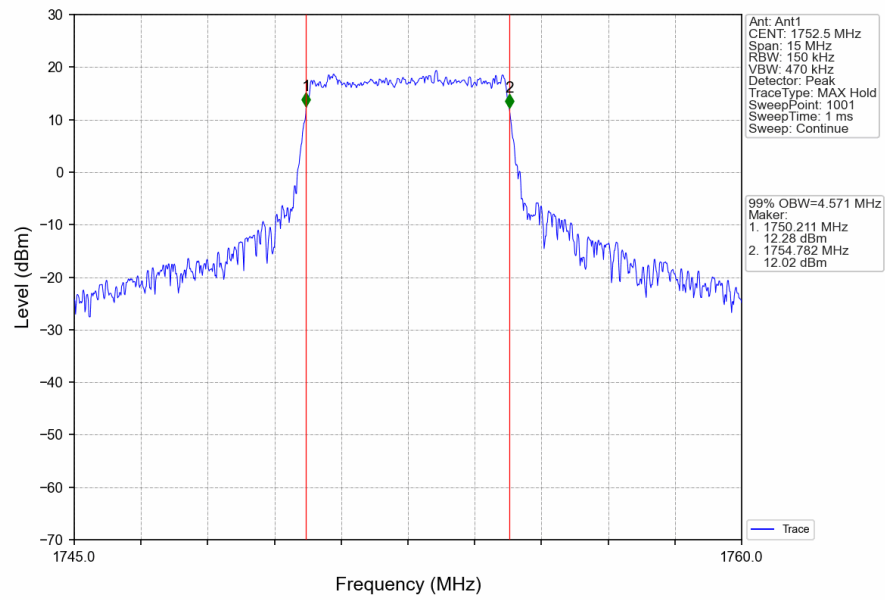
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



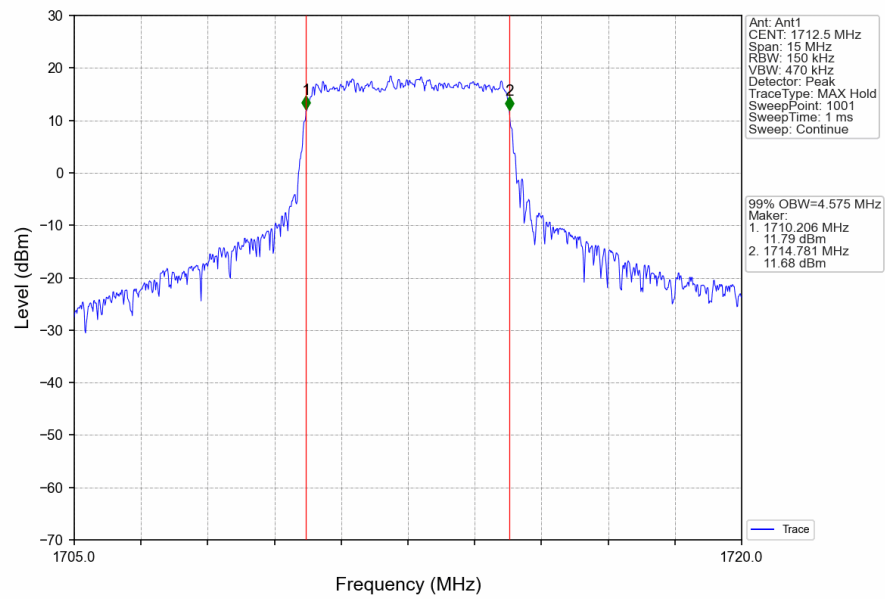
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



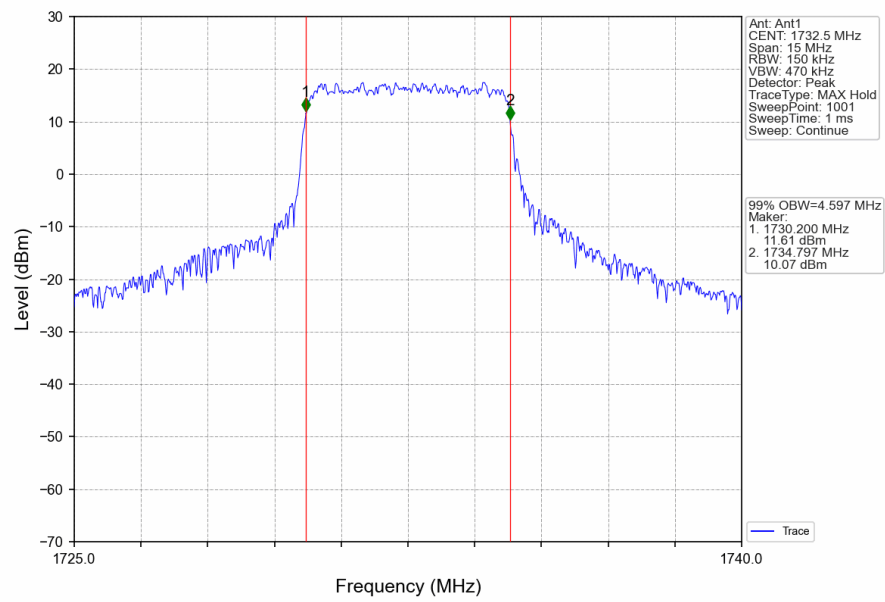
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



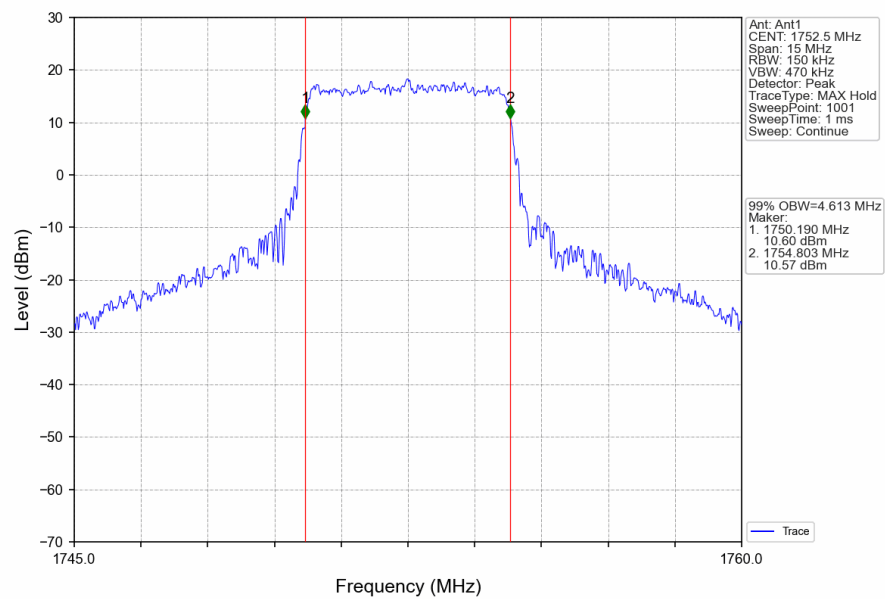
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



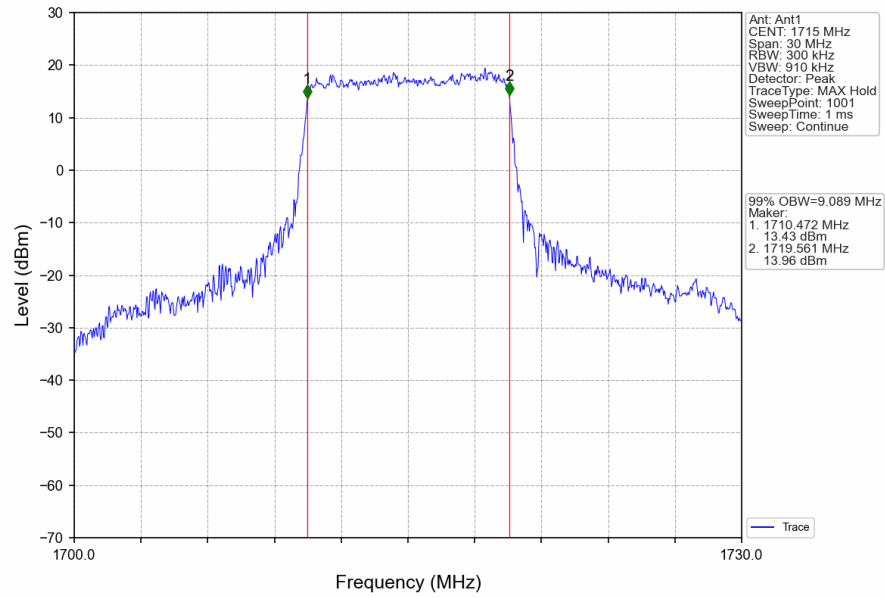
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



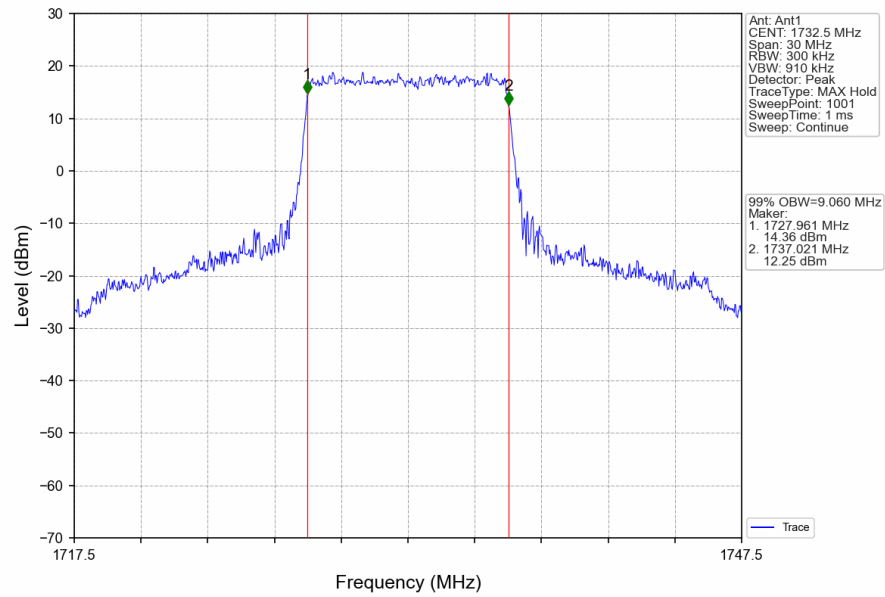
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



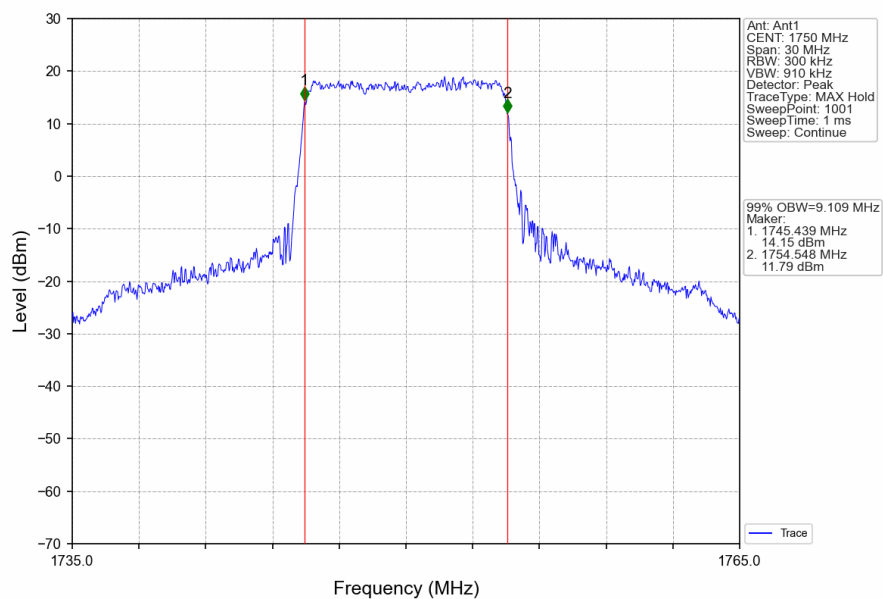
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



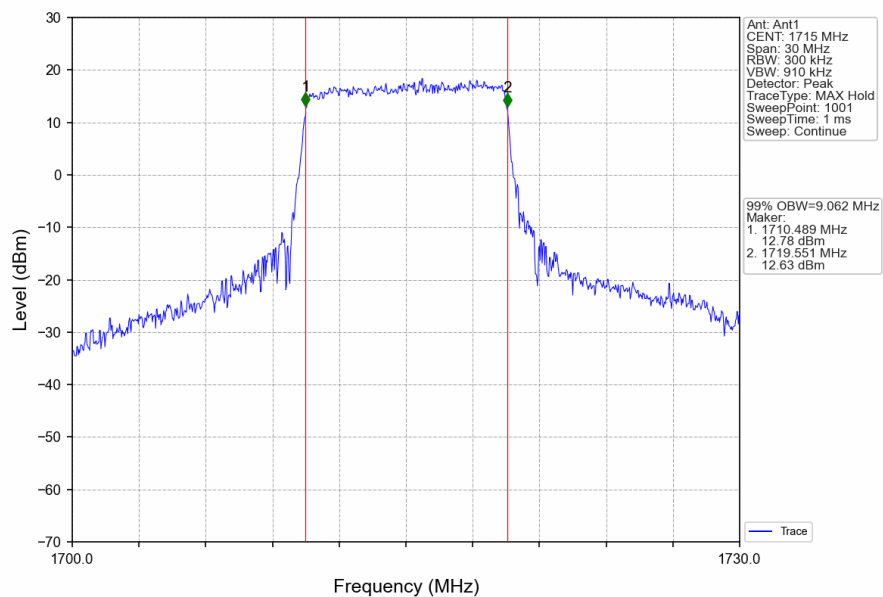
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



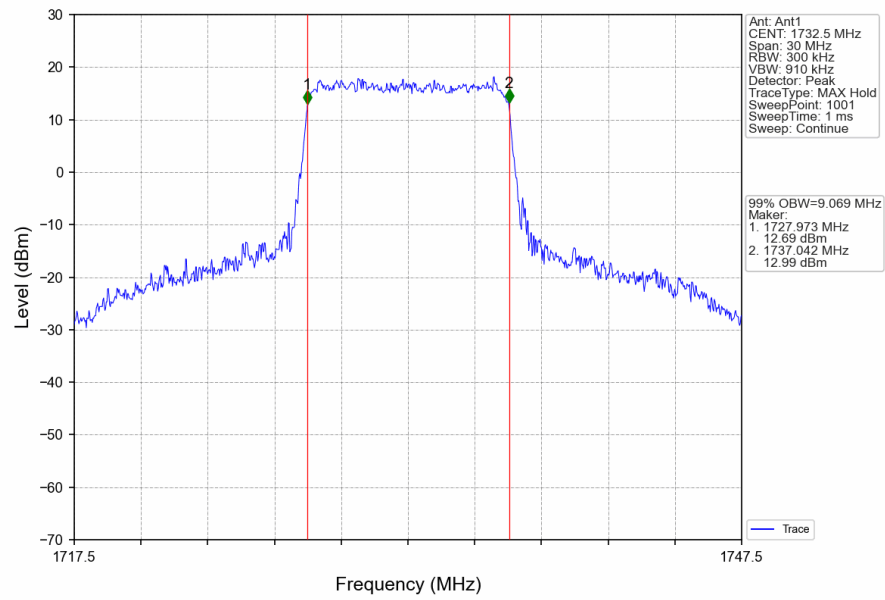
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



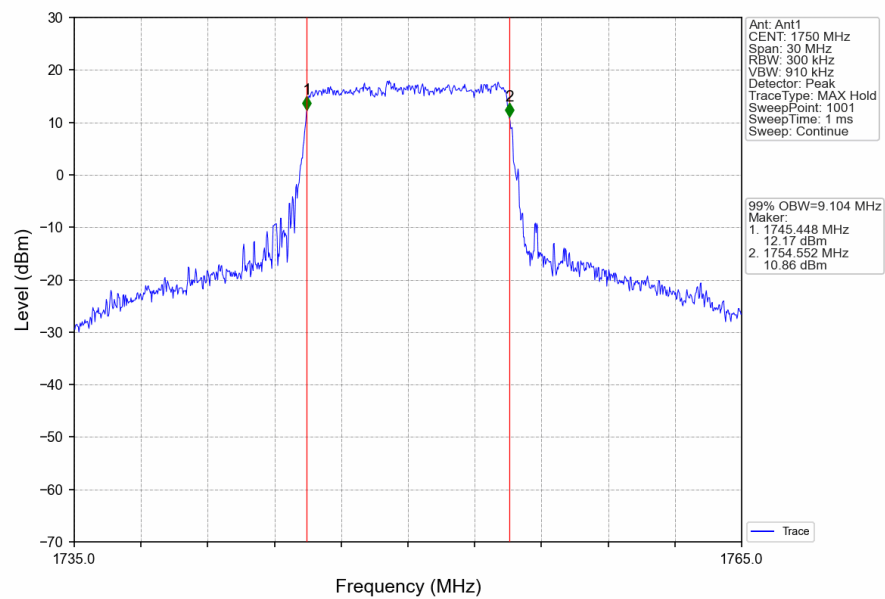
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



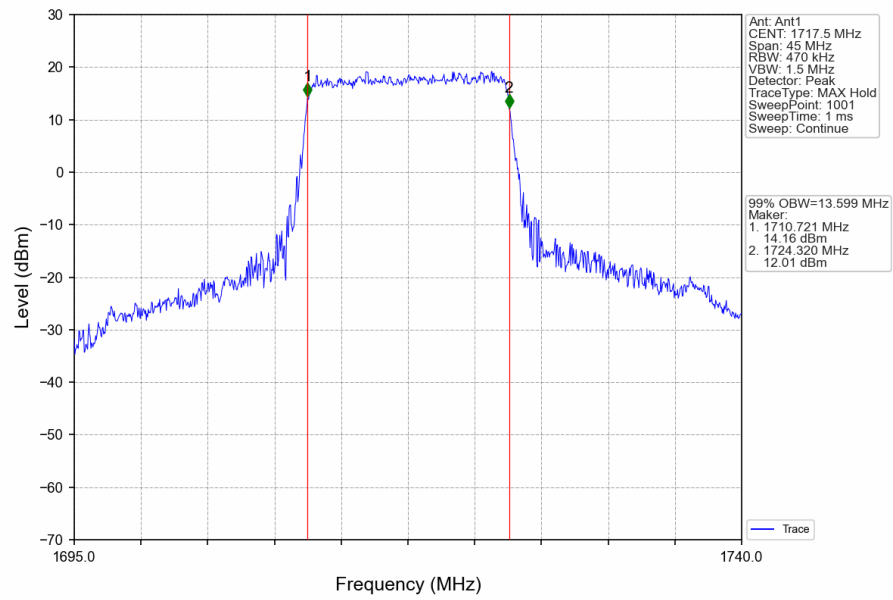
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



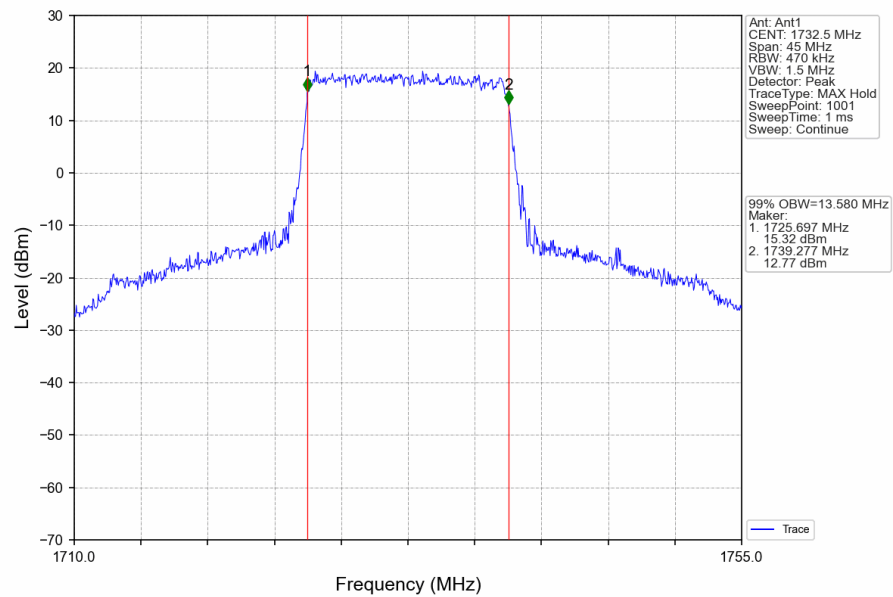
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



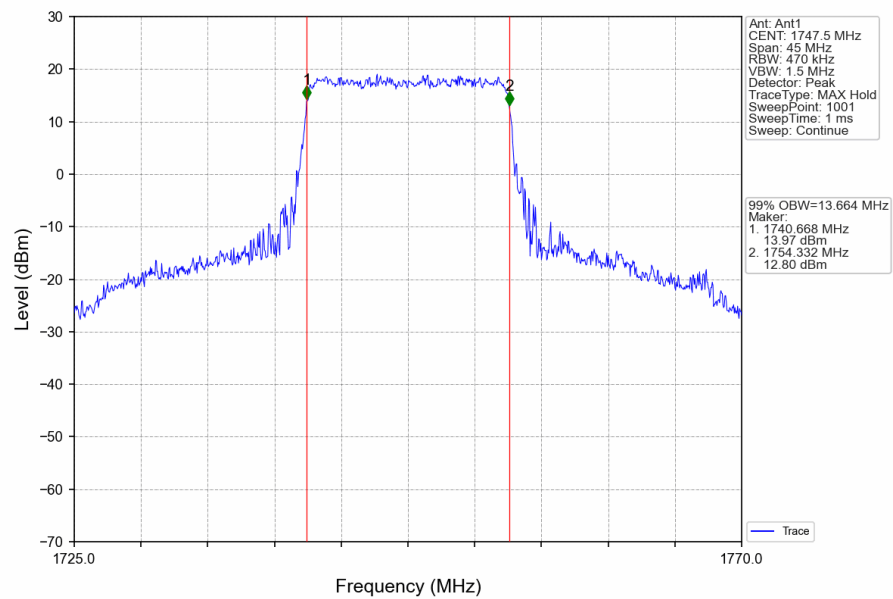
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



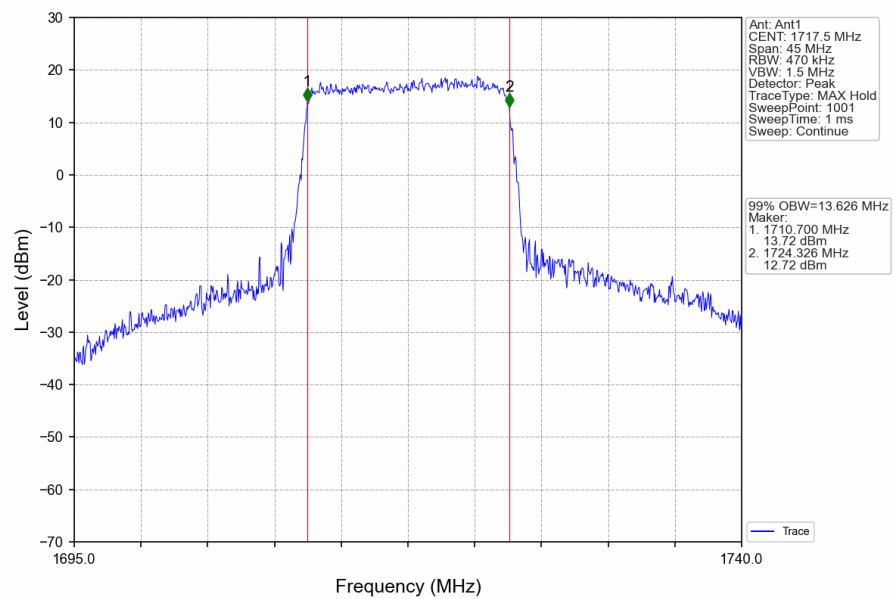
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



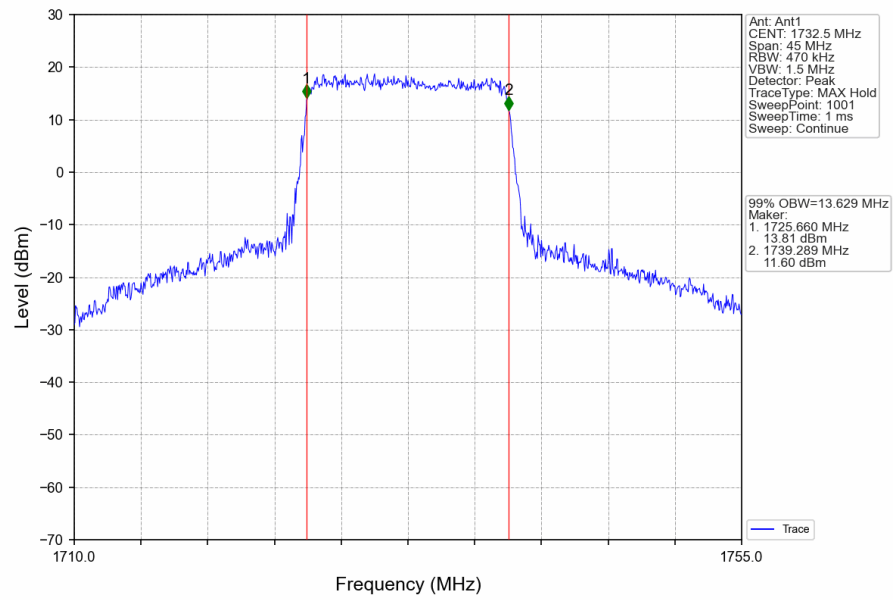
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



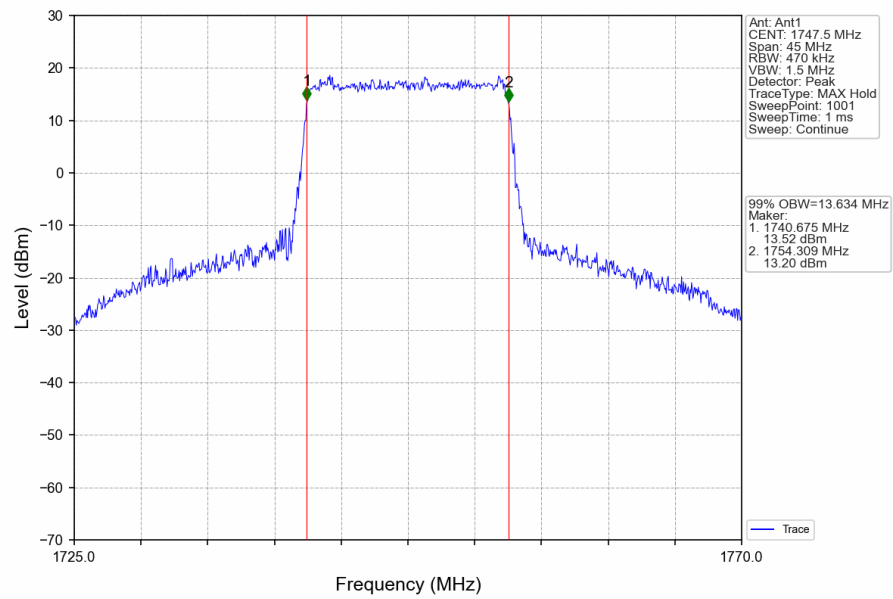
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



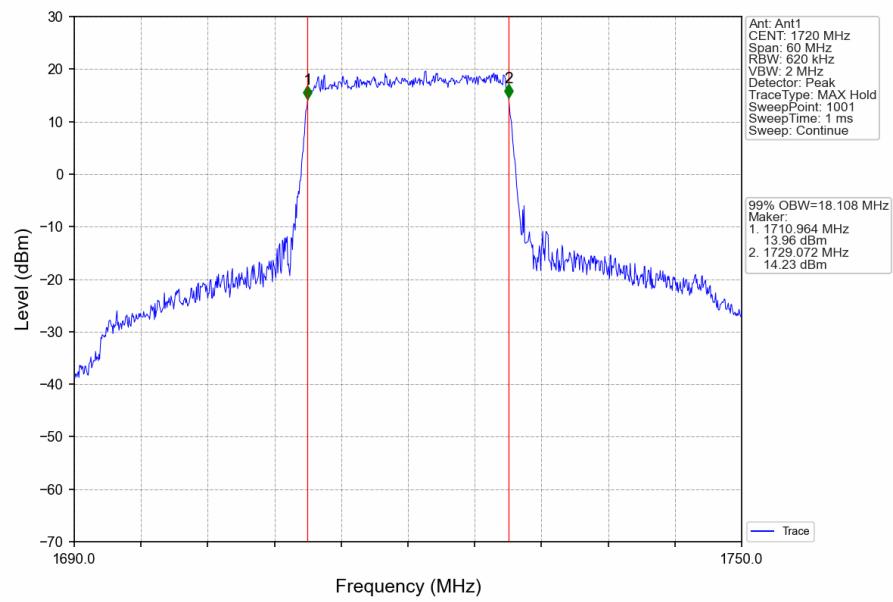
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



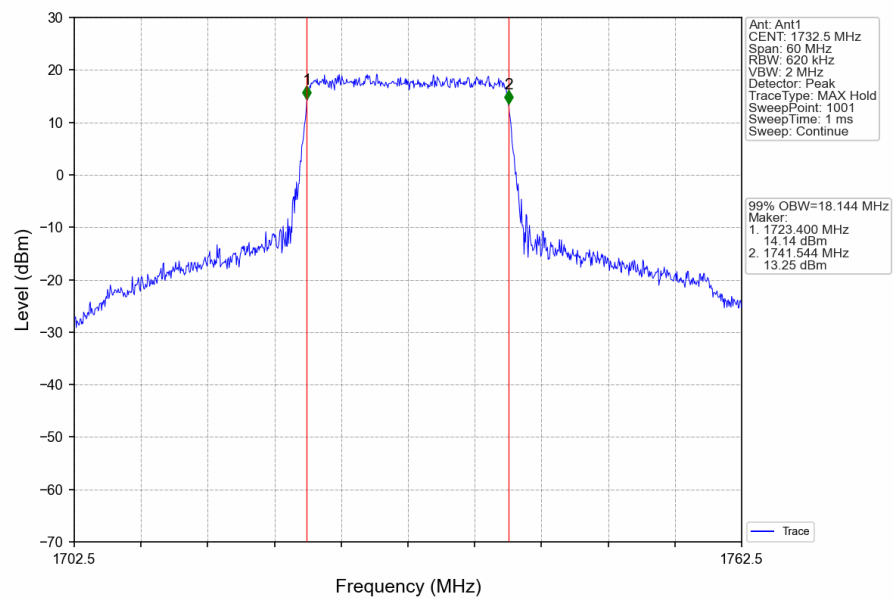
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



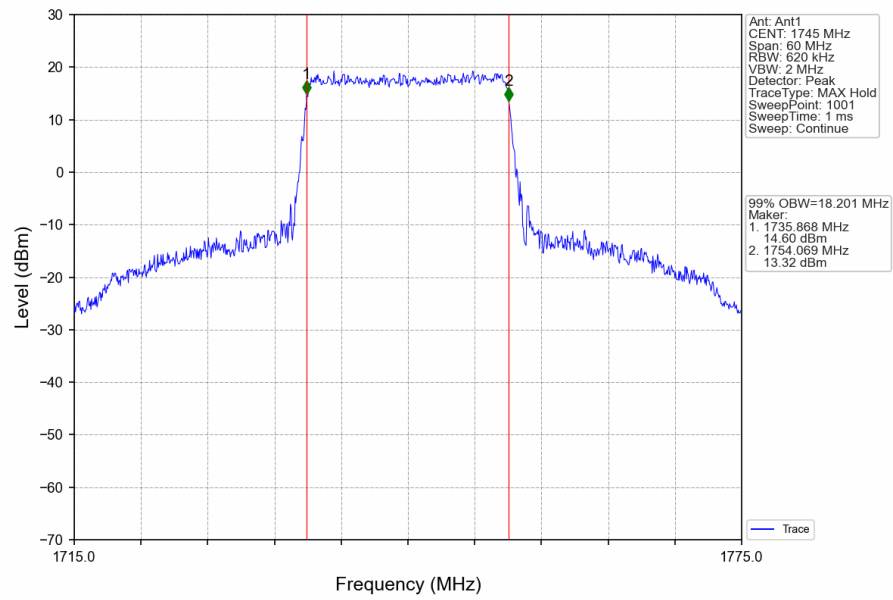
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



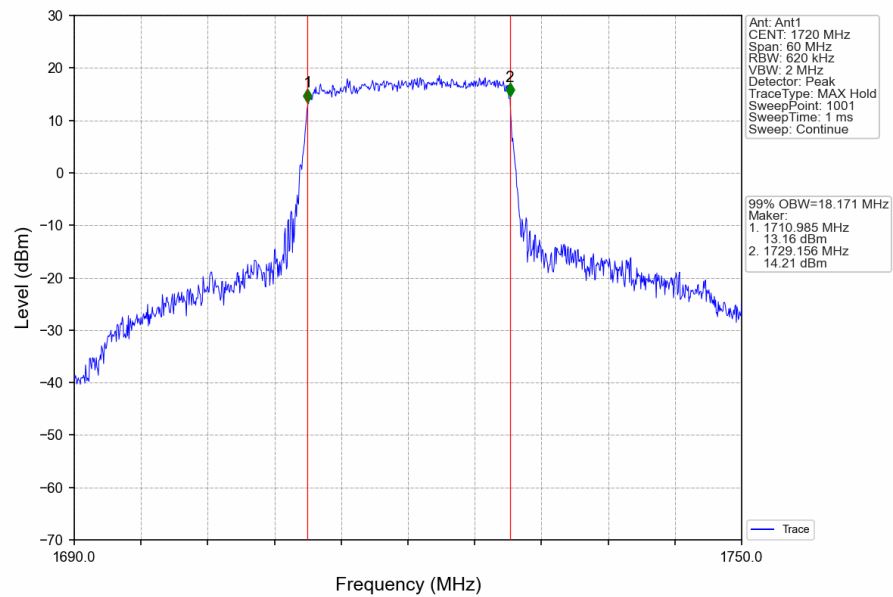
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



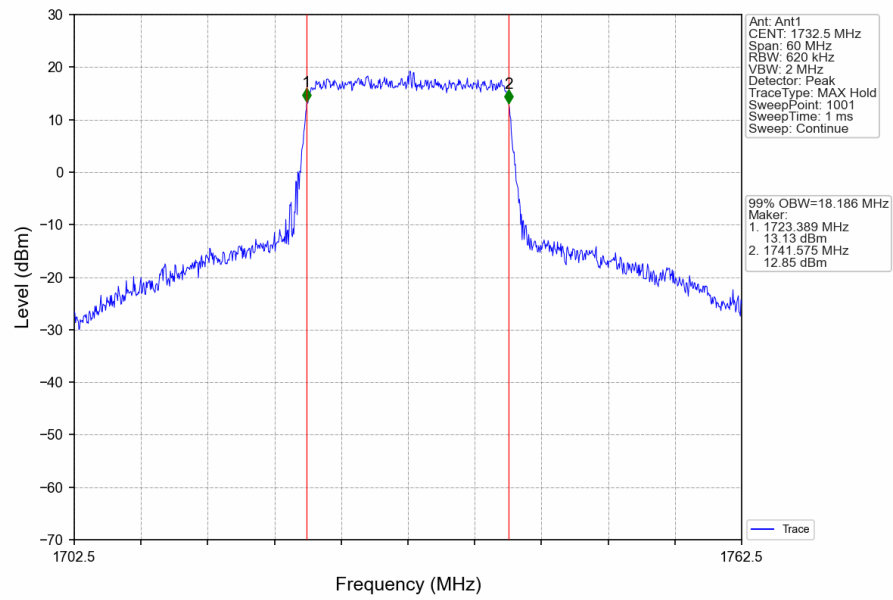
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



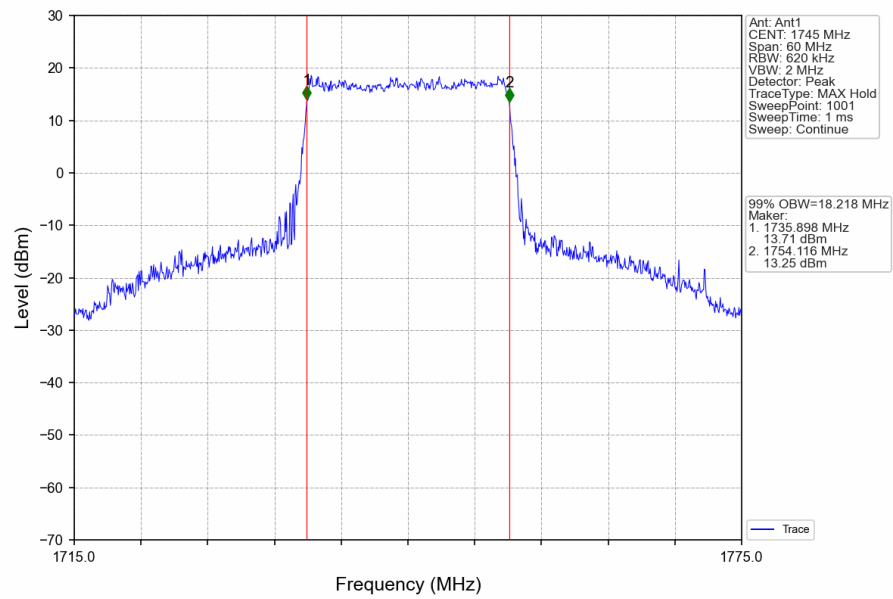
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

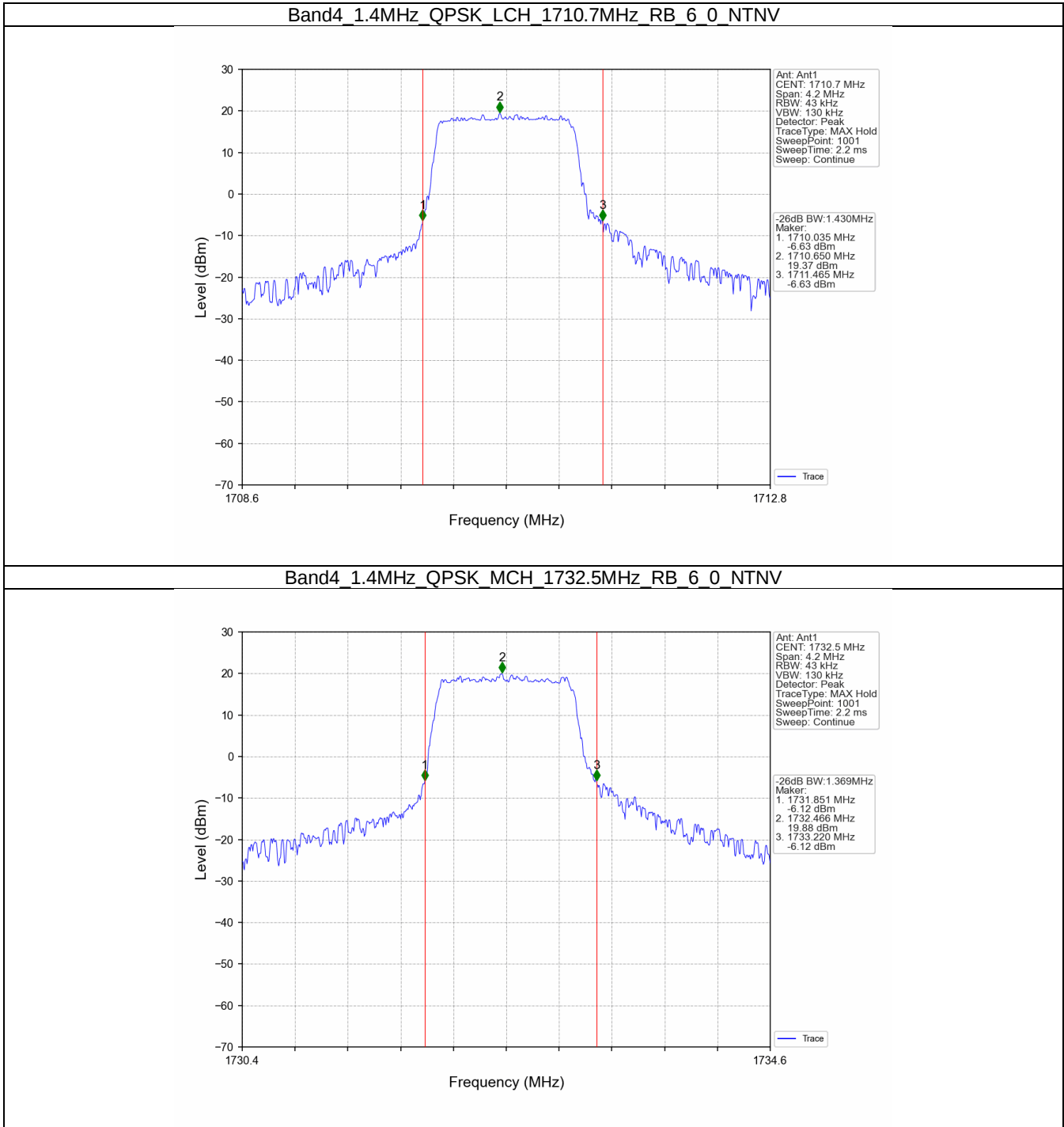


5.2 Band4_XDB

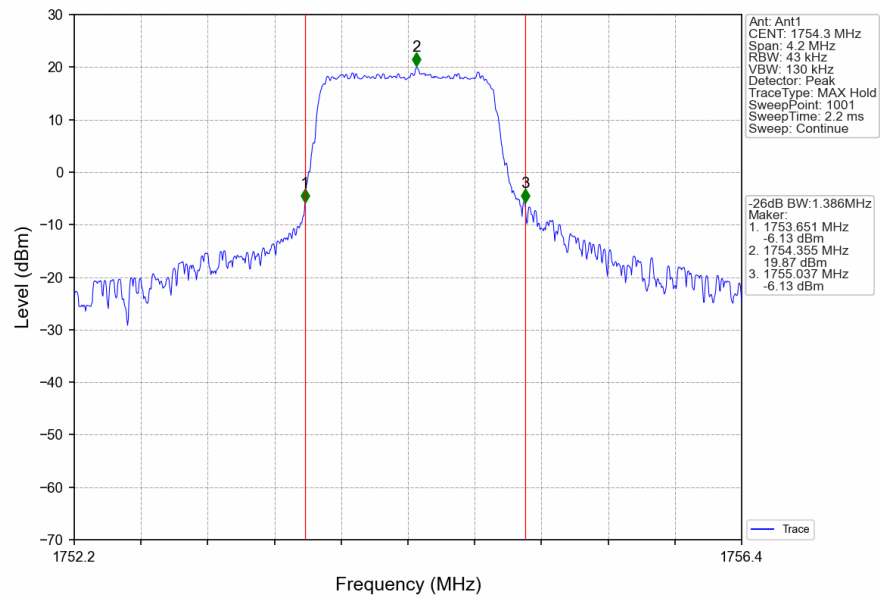
5.2.1 Test Result

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.430	/	Pass
		1732.5	6	0	1.369	/	Pass
		1754.3	6	0	1.386	/	Pass
	16QAM	1710.7	6	0	1.483	/	Pass
		1732.5	6	0	1.456	/	Pass
		1754.3	6	0	1.472	/	Pass
3	QPSK	1711.5	15	0	3.472	/	Pass
		1732.5	15	0	3.288	/	Pass
		1753.5	15	0	3.442	/	Pass
	16QAM	1711.5	15	0	3.281	/	Pass
		1732.5	15	0	3.421	/	Pass
		1753.5	15	0	3.570	/	Pass
5	QPSK	1712.5	25	0	5.500	/	Pass
		1732.5	25	0	5.483	/	Pass
		1752.5	25	0	5.838	/	Pass
	16QAM	1712.5	25	0	5.418	/	Pass
		1732.5	25	0	5.993	/	Pass
		1752.5	25	0	5.437	/	Pass
10	QPSK	1715	50	0	10.278	/	Pass
		1732.5	50	0	10.296	/	Pass
		1750	50	0	10.520	/	Pass
	16QAM	1715	50	0	10.398	/	Pass
		1732.5	50	0	10.356	/	Pass
		1750	50	0	10.526	/	Pass
15	QPSK	1717.5	75	0	16.028	/	Pass
		1732.5	75	0	15.594	/	Pass
		1747.5	75	0	17.076	/	Pass
	16QAM	1717.5	75	0	15.084	/	Pass
		1732.5	75	0	15.250	/	Pass
		1747.5	75	0	15.288	/	Pass
20	QPSK	1720	100	0	20.538	/	Pass
		1732.5	100	0	20.640	/	Pass
		1745	100	0	21.437	/	Pass
	16QAM	1720	100	0	20.510	/	Pass
		1732.5	100	0	20.714	/	Pass
		1745	100	0	21.202	/	Pass

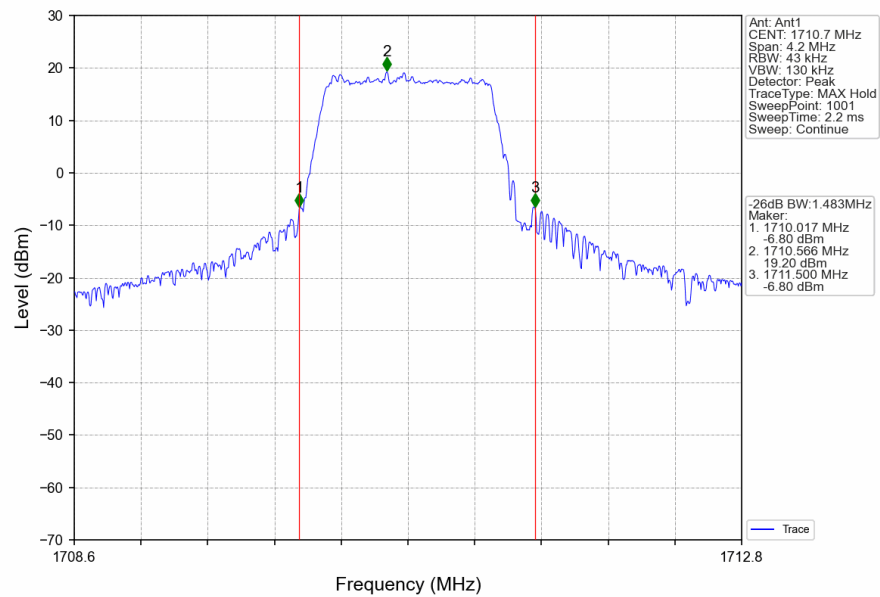
5.2.2 Test Graph



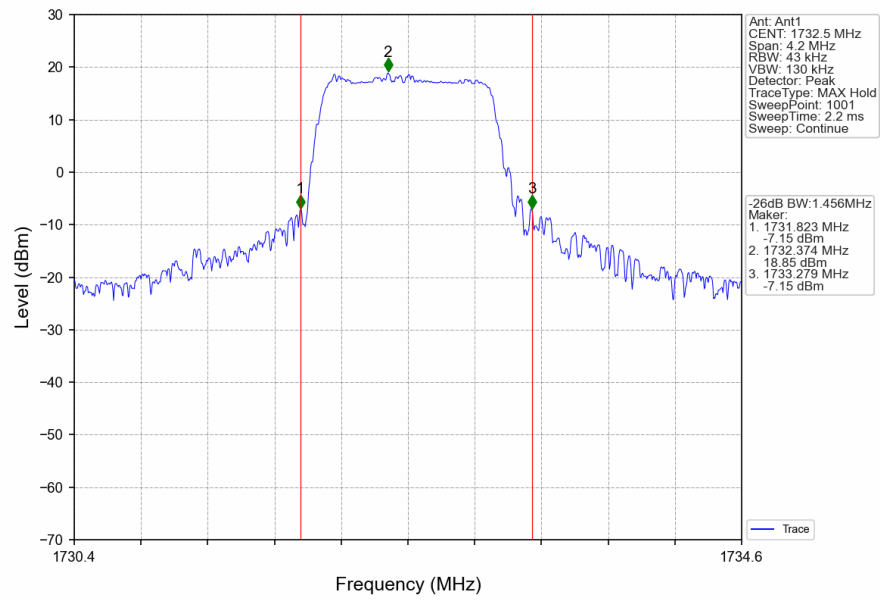
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



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

