1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	20.91	0.00	20.91	<=33.01	Pass
			2	21.04	0.00	21.04	<=33.01	Pass
			5	20.93	0.00	20.93	<=33.01	Pass
		3	0	21.03	0.00	21.03	<=33.01	Pass
			2	21.06	0.00	21.06	<=33.01	Pass
			3	21.04	0.00	21.04	<=33.01	Pass
		6	0	19.99	0.00	19.99	<=33.01	Pass
	1882.5	1	0	20.85	0.00	20.85	<=33.01	Pass
			2	20.96	0.00	20.96	<=33.01	Pass
			5	20.89	0.00	20.89	<=33.01	Pass
		3	0	20.97	0.00	20.97	<=33.01	Pass
			2	21.01	0.00	21.01	<=33.01	Pass
			3	20.98	0.00	20.98	<=33.01	Pass
		6	0	19.94	0.00	19.94	<=33.01	Pass
	1914.3	1	0	21.34	0.00	21.34	<=33.01	Pass
			2	21.51	0.00	21.51	<=33.01	Pass
			5	21.39	0.00	21.39	<=33.01	Pass
		3	0	21.25	0.00	21.25	<=33.01	Pass
			2	21.28	0.00	21.28	<=33.01	Pass
			3	21.25	0.00	21.25	<=33.01	Pass
		6	0	20.39	0.00	20.39	<=33.01	Pass
16QAM	1850.7	1	0	20.07	0.00	20.07	<=33.01	Pass
			2	20.18	0.00	20.18	<=33.01	Pass
			5	20.07	0.00	20.07	<=33.01	Pass
		3	0	20.02	0.00	20.02	<=33.01	Pass
			2	20.04	0.00	20.04	<=33.01	Pass
			3	20.04	0.00	20.04	<=33.01	Pass
		6	0	19.08	0.00	19.08	<=33.01	Pass
	1882.5	1	0	19.84	0.00	19.84	<=33.01	Pass
			2	19.96	0.00	19.96	<=33.01	Pass
			5	19.86	0.00	19.86	<=33.01	Pass
		3	0	20.14	0.00	20.14	<=33.01	Pass
			2	20.19	0.00	20.19	<=33.01	Pass
			3	20.18	0.00	20.18	<=33.01	Pass
		6	0	19.04	0.00	19.04	<=33.01	Pass
	1914.3	1	0	20.16	0.00	20.16	<=33.01	Pass
			2	20.29	0.00	20.29	<=33.01	Pass
			5	20.21	0.00	20.21	<=33.01	Pass
		3	0	20.21	0.00	20.21	<=33.01	Pass
			2	20.23	0.00	20.23	<=33.01	Pass
			3	20.17	0.00	20.17	<=33.01	Pass
		6	0	19.26	0.00	19.26	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	21.16	0.00	21.16	<=33.01	Pass
			7	21.21	0.00	21.21	<=33.01	Pass
			14	21.13	0.00	21.13	<=33.01	Pass
		8	0	20.08	0.00	20.08	<=33.01	Pass
			4	20.09	0.00	20.09	<=33.01	Pass
			7	20.04	0.00	20.04	<=33.01	Pass
		15	0	20.05	0.00	20.05	<=33.01	Pass
	1882.5	1	0	21.06	0.00	21.06	<=33.01	Pass
			7	21.21	0.00	21.21	<=33.01	Pass
			14	21.09	0.00	21.09	<=33.01	Pass
		8	0	20.06	0.00	20.06	<=33.01	Pass
			4	20.08	0.00	20.08	<=33.01	Pass
			7	20.05	0.00	20.05	<=33.01	Pass
		15	0	20.05	0.00	20.05	<=33.01	Pass
	1913.5	1	0	21.44	0.00	21.44	<=33.01	Pass
			7	21.52	0.00	21.52	<=33.01	Pass
			14	21.55	0.00	21.55	<=33.01	Pass
		8	0	20.40	0.00	20.40	<=33.01	Pass
			4	20.51	0.00	20.51	<=33.01	Pass
			7	20.48	0.00	20.48	<=33.01	Pass
		15	0	20.40	0.00	20.40	<=33.01	Pass
16QAM	1851.5	1	0	20.11	0.00	20.11	<=33.01	Pass
			7	20.15	0.00	20.15	<=33.01	Pass
			14	20.08	0.00	20.08	<=33.01	Pass
		8	0	19.22	0.00	19.22	<=33.01	Pass
			4	19.19	0.00	19.19	<=33.01	Pass
			7	19.17	0.00	19.17	<=33.01	Pass
		15	0	19.17	0.00	19.17	<=33.01	Pass
	1882.5	1	0	20.19	0.00	20.19	<=33.01	Pass
			7	20.35	0.00	20.35	<=33.01	Pass
			14	20.24	0.00	20.24	<=33.01	Pass
		8	0	19.12	0.00	19.12	<=33.01	Pass
			4	19.13	0.00	19.13	<=33.01	Pass
			7	19.10	0.00	19.10	<=33.01	Pass
		15	0	19.08	0.00	19.08	<=33.01	Pass
	1913.5	1	0	20.83	0.00	20.83	<=33.01	Pass
			7	20.88	0.00	20.88	<=33.01	Pass
			14	20.75	0.00	20.75	<=33.01	Pass
		8	0	19.55	0.00	19.55	<=33.01	Pass
			4	19.62	0.00	19.62	<=33.01	Pass
			7	19.59	0.00	19.59	<=33.01	Pass
		15	0	19.47	0.00	19.47	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	20.96	0.00	20.96	<=33.01	Pass
			13	21.07	0.00	21.07	<=33.01	Pass
			24	20.92	0.00	20.92	<=33.01	Pass
		12	0	19.99	0.00	19.99	<=33.01	Pass
			6	20.00	0.00	20.00	<=33.01	Pass
			13	19.93	0.00	19.93	<=33.01	Pass
		25	0	19.93	0.00	19.93	<=33.01	Pass
	1882.5	1	0	20.87	0.00	20.87	<=33.01	Pass
			13	21.02	0.00	21.02	<=33.01	Pass
			24	20.93	0.00	20.93	<=33.01	Pass
		12	0	19.96	0.00	19.96	<=33.01	Pass
			6	19.99	0.00	19.99	<=33.01	Pass
			13	19.95	0.00	19.95	<=33.01	Pass
		25	0	19.93	0.00	19.93	<=33.01	Pass
	1912.5	1	0	21.21	0.00	21.21	<=33.01	Pass
			13	21.35	0.00	21.35	<=33.01	Pass
			24	21.33	0.00	21.33	<=33.01	Pass
		12	0	20.24	0.00	20.24	<=33.01	Pass
			6	20.30	0.00	20.30	<=33.01	Pass
			13	20.29	0.00	20.29	<=33.01	Pass
		25	0	20.26	0.00	20.26	<=33.01	Pass
16QAM	1852.5	1	0	19.99	0.00	19.99	<=33.01	Pass
			13	20.09	0.00	20.09	<=33.01	Pass
			24	19.97	0.00	19.97	<=33.01	Pass
		12	0	19.07	0.00	19.07	<=33.01	Pass
			6	19.09	0.00	19.09	<=33.01	Pass
			13	19.00	0.00	19.00	<=33.01	Pass
		25	0	19.06	0.00	19.06	<=33.01	Pass
	1882.5	1	0	20.13	0.00	20.13	<=33.01	Pass
			13	20.29	0.00	20.29	<=33.01	Pass
			24	20.16	0.00	20.16	<=33.01	Pass
		12	0	19.13	0.00	19.13	<=33.01	Pass
			6	19.14	0.00	19.14	<=33.01	Pass
			13	19.06	0.00	19.06	<=33.01	Pass
		25	0	19.05	0.00	19.05	<=33.01	Pass
	1912.5	1	0	20.01	0.00	20.01	<=33.01	Pass
			13	20.09	0.00	20.09	<=33.01	Pass
			24	20.02	0.00	20.02	<=33.01	Pass
		12	0	19.36	0.00	19.36	<=33.01	Pass
			6	19.37	0.00	19.37	<=33.01	Pass
			13	19.33	0.00	19.33	<=33.01	Pass
		25	0	19.32	0.00	19.32	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	20.97	0.00	20.97	<=33.01	Pass
			25	21.22	0.00	21.22	<=33.01	Pass
			49	20.98	0.00	20.98	<=33.01	Pass
		25	0	20.08	0.00	20.08	<=33.01	Pass
			13	20.02	0.00	20.02	<=33.01	Pass
			25	19.99	0.00	19.99	<=33.01	Pass
		50	0	20.06	0.00	20.06	<=33.01	Pass
	1882.5	1	0	20.89	0.00	20.89	<=33.01	Pass
			25	21.18	0.00	21.18	<=33.01	Pass
			49	20.96	0.00	20.96	<=33.01	Pass
		25	0	20.08	0.00	20.08	<=33.01	Pass
			13	20.05	0.00	20.05	<=33.01	Pass
			25	20.03	0.00	20.03	<=33.01	Pass
		50	0	20.04	0.00	20.04	<=33.01	Pass
	1910	1	0	21.16	0.00	21.16	<=33.01	Pass
			25	21.45	0.00	21.45	<=33.01	Pass
			49	21.41	0.00	21.41	<=33.01	Pass
		25	0	20.42	0.00	20.42	<=33.01	Pass
			13	20.33	0.00	20.33	<=33.01	Pass
			25	20.36	0.00	20.36	<=33.01	Pass
		50	0	20.38	0.00	20.38	<=33.01	Pass
16QAM	1855	1	0	19.94	0.00	19.94	<=33.01	Pass
			25	20.17	0.00	20.17	<=33.01	Pass
			49	19.88	0.00	19.88	<=33.01	Pass
		25	0	19.25	0.00	19.25	<=33.01	Pass
			13	19.22	0.00	19.22	<=33.01	Pass
			25	19.16	0.00	19.16	<=33.01	Pass
		50	0	19.20	0.00	19.20	<=33.01	Pass
	1882.5	1	0	20.04	0.00	20.04	<=33.01	Pass
			25	20.33	0.00	20.33	<=33.01	Pass
			49	20.12	0.00	20.12	<=33.01	Pass
		25	0	19.17	0.00	19.17	<=33.01	Pass
			13	19.14	0.00	19.14	<=33.01	Pass
			25	19.14	0.00	19.14	<=33.01	Pass
		50	0	19.18	0.00	19.18	<=33.01	Pass
	1910	1	0	20.68	0.00	20.68	<=33.01	Pass
			25	20.99	0.00	20.99	<=33.01	Pass
			49	20.63	0.00	20.63	<=33.01	Pass
		25	0	19.52	0.00	19.52	<=33.01	Pass
			13	19.43	0.00	19.43	<=33.01	Pass
			25	19.45	0.00	19.45	<=33.01	Pass
		50	0	19.49	0.00	19.49	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B25_15MHz_EIRP

1.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	20.80	0.00	20.80	<=33.01	Pass
			38	21.04	0.00	21.04	<=33.01	Pass
			74	20.77	0.00	20.77	<=33.01	Pass
		36	0	19.98	0.00	19.98	<=33.01	Pass
			18	20.03	0.00	20.03	<=33.01	Pass
			39	20.03	0.00	20.03	<=33.01	Pass
		75	0	20.05	0.00	20.05	<=33.01	Pass
	1882.5	1	0	20.77	0.00	20.77	<=33.01	Pass
			38	21.01	0.00	21.01	<=33.01	Pass
			74	20.87	0.00	20.87	<=33.01	Pass
		36	0	20.04	0.00	20.04	<=33.01	Pass
			18	20.03	0.00	20.03	<=33.01	Pass
			39	19.99	0.00	19.99	<=33.01	Pass
		75	0	20.06	0.00	20.06	<=33.01	Pass
	1907.5	1	0	21.05	0.00	21.05	<=33.01	Pass
			38	21.25	0.00	21.25	<=33.01	Pass
			74	21.21	0.00	21.21	<=33.01	Pass
		36	0	20.31	0.00	20.31	<=33.01	Pass
			18	20.28	0.00	20.28	<=33.01	Pass
			39	20.32	0.00	20.32	<=33.01	Pass
		75	0	20.37	0.00	20.37	<=33.01	Pass
16QAM	1857.5	1	0	20.21	0.00	20.21	<=33.01	Pass
			38	20.32	0.00	20.32	<=33.01	Pass
			74	19.94	0.00	19.94	<=33.01	Pass
		36	0	19.04	0.00	19.04	<=33.01	Pass
			18	19.05	0.00	19.05	<=33.01	Pass
			39	19.03	0.00	19.03	<=33.01	Pass
		75	0	19.04	0.00	19.04	<=33.01	Pass
	1882.5	1	0	19.88	0.00	19.88	<=33.01	Pass
			38	20.17	0.00	20.17	<=33.01	Pass
			74	20.01	0.00	20.01	<=33.01	Pass
		36	0	19.09	0.00	19.09	<=33.01	Pass
			18	19.10	0.00	19.10	<=33.01	Pass
			39	19.09	0.00	19.09	<=33.01	Pass
		75	0	19.11	0.00	19.11	<=33.01	Pass
	1907.5	1	0	20.34	0.00	20.34	<=33.01	Pass
			38	20.80	0.00	20.80	<=33.01	Pass
			74	20.50	0.00	20.50	<=33.01	Pass
		36	0	19.36	0.00	19.36	<=33.01	Pass
			18	19.39	0.00	19.39	<=33.01	Pass
			39	19.40	0.00	19.40	<=33.01	Pass
		75	0	19.38	0.00	19.38	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B25_20MHz_EIRP

1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	1860	1	0	20.64	0.00	20.64	<=33.01	Pass
			50	21.10	0.00	21.10	<=33.01	Pass
			99	20.54	0.00	20.54	<=33.01	Pass
		50	0	20.03	0.00	20.03	<=33.01	Pass
			25	19.94	0.00	19.94	<=33.01	Pass
			50	20.01	0.00	20.01	<=33.01	Pass
		100	0	20.02	0.00	20.02	<=33.01	Pass
	1882.5	1	0	20.60	0.00	20.60	<=33.01	Pass
			50	21.17	0.00	21.17	<=33.01	Pass
			99	20.76	0.00	20.76	<=33.01	Pass
		50	0	20.09	0.00	20.09	<=33.01	Pass
			25	19.98	0.00	19.98	<=33.01	Pass
			50	19.99	0.00	19.99	<=33.01	Pass
		100	0	20.04	0.00	20.04	<=33.01	Pass
	1905	1	0	20.78	0.00	20.78	<=33.01	Pass
			50	21.35	0.00	21.35	<=33.01	Pass
			99	21.04	0.00	21.04	<=33.01	Pass
		50	0	20.13	0.00	20.13	<=33.01	Pass
			25	20.21	0.00	20.21	<=33.01	Pass
			50	20.17	0.00	20.17	<=33.01	Pass
		100	0	20.22	0.00	20.22	<=33.01	Pass
16QAM	1860	1	0	20.15	0.00	20.15	<=33.01	Pass
			50	20.52	0.00	20.52	<=33.01	Pass
			99	19.92	0.00	19.92	<=33.01	Pass
		50	0	19.14	0.00	19.14	<=33.01	Pass
			25	18.99	0.00	18.99	<=33.01	Pass
			50	19.04	0.00	19.04	<=33.01	Pass
		100	0	19.07	0.00	19.07	<=33.01	Pass
	1882.5	1	0	19.67	0.00	19.67	<=33.01	Pass
			50	20.32	0.00	20.32	<=33.01	Pass
			99	19.88	0.00	19.88	<=33.01	Pass
		50	0	19.13	0.00	19.13	<=33.01	Pass
			25	19.06	0.00	19.06	<=33.01	Pass
			50	19.05	0.00	19.05	<=33.01	Pass
		100	0	19.12	0.00	19.12	<=33.01	Pass
	1905	1	0	19.85	0.00	19.85	<=33.01	Pass
			50	20.61	0.00	20.61	<=33.01	Pass
			99	20.15	0.00	20.15	<=33.01	Pass
		50	0	19.16	0.00	19.16	<=33.01	Pass
			25	19.25	0.00	19.25	<=33.01	Pass
			50	19.25	0.00	19.25	<=33.01	Pass
		100	0	19.25	0.00	19.25	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-11.544	-0.0062	-2.5 to 2.5	Pass
					3.85	-8.340	-0.0045	-2.5 to 2.5	Pass
					4.43	-9.112	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-8.841	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-5.879	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.206	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-9.499	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-11.945	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-10.829	-0.0059	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-11.916	-0.0063	-2.5 to 2.5	Pass
					3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
					4.43	-5.836	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.482	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-10.586	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-8.712	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-11.530	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-5.779	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-9.470	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-7.253	-0.0039	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-22.287	-0.0116	-2.5 to 2.5	Pass
					3.85	2.918	0.0015	-2.5 to 2.5	Pass
					4.43	6.108	0.0032	-2.5 to 2.5	Pass
				-30	3.85	-26.078	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-3.333	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.815	0.0004	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-5.865	-0.0032	-2.5 to 2.5	Pass
					3.85	-11.272	-0.0061	-2.5 to 2.5	Pass
					4.43	-11.029	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-8.140	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-6.981	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-6.666	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-8.512	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-12.674	-0.0068	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-11.716	-0.0062	-2.5 to 2.5	Pass
					3.85	-12.932	-0.0069	-2.5 to 2.5	Pass
					4.43	-14.477	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-10.486	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-10.500	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-12.131	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-16.294	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-8.097	-0.0043	-2.5 to 2.5	Pass

				40	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-2.933	-0.0015	-2.5 to 2.5	Pass
					3.85	-5.622	-0.0029	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-5.765	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.091	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.775	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-6.495	-0.0034	-2.5 to 2.5	Pass

2.2 B25_3MHz

2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-4.463	-0.0024	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0033	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-10.257	-0.0054	-2.5 to 2.5	Pass
					3.85	-11.101	-0.0059	-2.5 to 2.5	Pass
					4.43	-9.084	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-5.007	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-11.001	-0.0057	-2.5 to 2.5	Pass
					3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-5.336	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0024	-2.5 to 2.5	Pass

				40	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-3.848	-0.0021	-2.5 to 2.5	Pass
					3.85	-8.755	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-7.224	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-10.114	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-4.778	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-12.760	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.951	-0.0032	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-8.869	-0.0047	-2.5 to 2.5	Pass
					3.85	-10.128	-0.0054	-2.5 to 2.5	Pass
					4.43	-10.786	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-10.386	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-8.926	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-8.311	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-9.499	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-8.640	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-3.920	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-7.124	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-6.752	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0030	-2.5 to 2.5	Pass

2.3 B25_5MHz

2.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-10.285	-0.0056	-2.5 to 2.5	Pass
					3.85	-8.440	-0.0046	-2.5 to 2.5	Pass
					4.43	-8.125	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.409	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-7.081	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-8.011	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-8.640	-0.0047	-2.5 to 2.5	Pass

				40	3.85	-7.110	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0036	-2.5 to 2.5	Pass
					3.27	-12.746	-0.0068	-2.5 to 2.5	Pass
				20	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
	1882.5	25	0	-10	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-4.449	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
					3.27	-10.571	-0.0055	-2.5 to 2.5	Pass
				20	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
					4.43	-8.554	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-10.028	-0.0052	-2.5 to 2.5	Pass
	1912.5	25	0	-10	3.85	-8.411	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	-2.532	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
					3.27	-8.297	-0.0045	-2.5 to 2.5	Pass
				20	3.85	-10.815	-0.0058	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
	1852.5	25	0	-10	3.85	-7.582	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-10.114	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-12.188	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-9.942	-0.0054	-2.5 to 2.5	Pass
					3.27	-2.890	-0.0015	-2.5 to 2.5	Pass
				20	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
					4.43	-9.770	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-13.032	-0.0069	-2.5 to 2.5	Pass
16QAM				-20	3.85	-12.288	-0.0065	-2.5 to 2.5	Pass
	1882.5	25	0	-10	3.85	-10.586	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-9.727	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-11.330	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-9.813	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0039	-2.5 to 2.5	Pass
					3.27	-3.304	-0.0017	-2.5 to 2.5	Pass
				20	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.748	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.263	-0.0022	-2.5 to 2.5	Pass
	1912.5	25	0	-20	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				0	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass

				40	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass

2.4 B25_10MHz

2.4.1 Test Result

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-5.636	-0.0030	-2.5 to 2.5	Pass
					3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.220	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-6.094	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.764	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.905	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-7.324	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-5.407	-0.0029	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-12.274	-0.0065	-2.5 to 2.5	Pass
					3.85	-8.955	-0.0048	-2.5 to 2.5	Pass
					4.43	-9.856	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-10.428	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-11.458	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-11.573	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-10.657	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-9.384	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-11.601	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-12.145	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-14.706	-0.0078	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-13.318	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0030	-2.5 to 2.5	Pass
					4.43	-11.086	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-11.587	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-12.102	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-12.231	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-9.699	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-9.298	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-10.257	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-6.866	-0.0036	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-5.107	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.392	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.706	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-5.579	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.034	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-6.695	-0.0036	-2.5 to 2.5	Pass

				40	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-10.858	-0.0058	-2.5 to 2.5	Pass
					3.85	-12.474	-0.0066	-2.5 to 2.5	Pass
					4.43	-10.328	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-10.943	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-13.576	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-12.202	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-14.634	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-12.717	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-10.743	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-13.490	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-13.118	-0.0070	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-8.125	-0.0043	-2.5 to 2.5	Pass
					3.85	-9.341	-0.0049	-2.5 to 2.5	Pass
					4.43	-9.270	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-9.027	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-8.197	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.123	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-7.811	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-7.496	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-7.353	-0.0038	-2.5 to 2.5	Pass

2.5 B25_15MHz

2.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-7.596	-0.0041	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
					4.43	-8.283	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.223	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-9.828	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-9.971	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-8.783	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-10.300	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-10.242	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-8.554	-0.0046	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-15.020	-0.0080	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
					4.43	-14.319	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-6.237	-0.0033	-2.5 to 2.5	Pass

				40	3.85	-6.022	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
					3.27	-12.188	-0.0064	-2.5 to 2.5	Pass
				20	3.85	-5.951	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-5.851	-0.0031	-2.5 to 2.5	Pass
	1907.5	75	0	-10	3.85	-4.849	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
					3.27	-6.995	-0.0038	-2.5 to 2.5	Pass
				20	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.905	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
	1857.5	75	0	-10	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-10.800	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-10.958	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-11.358	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-10.715	-0.0058	-2.5 to 2.5	Pass
					3.27	-7.024	-0.0037	-2.5 to 2.5	Pass
				20	3.85	-8.783	-0.0047	-2.5 to 2.5	Pass
					4.43	-8.883	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-8.712	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.736	-0.0030	-2.5 to 2.5	Pass
16QAM	1882.5	75	0	-10	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-8.082	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-7.925	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-9.799	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
					3.27	-5.236	-0.0027	-2.5 to 2.5	Pass
				20	3.85	-9.255	-0.0049	-2.5 to 2.5	Pass
					4.43	-10.543	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-10.829	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-11.072	-0.0058	-2.5 to 2.5	Pass
	1907.5	75	0	-10	3.85	-11.587	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-9.227	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-11.644	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-10.872	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-12.360	-0.0065	-2.5 to 2.5	Pass

2.6 B25_20MHz

2.6.1 Test Result

Band: 25 / Bandwidth: 20MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-5.207	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.764	-0.0026	-2.5 to 2.5	Pass
					4.43	-3.548	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-8.712	-0.0046	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-5.407	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-5.651	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.151	-0.0032	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-7.510	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-5.579	-0.0029	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-1.402	-0.0008	-2.5 to 2.5	Pass
					3.85	2.661	0.0014	-2.5 to 2.5	Pass
					4.43	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-6.180	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.493	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-9.041	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-7.181	-0.0038	-2.5 to 2.5	Pass
					3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
					4.43	-7.138	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-6.437	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-7.539	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-5.350	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.925	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-7.725	-0.0041	-2.5 to 2.5	Pass

				40	3.85	-7.782	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-7.925	-0.0042	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-5.608	-0.0029	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.237	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.676	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass

3. Modulation Characteristics

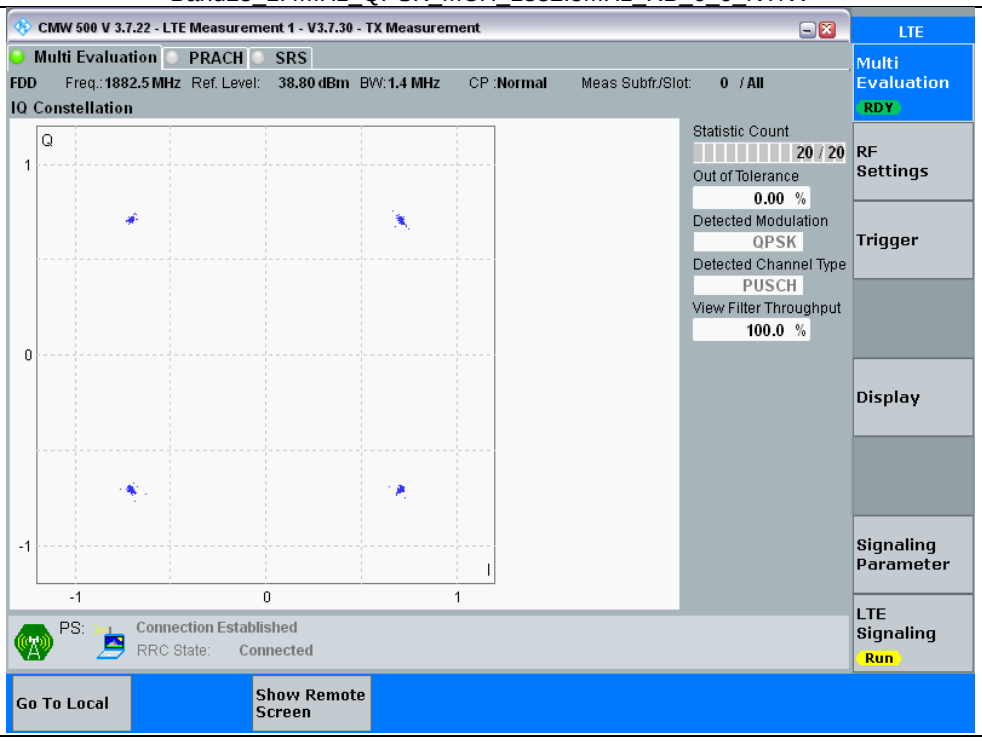
3.1 B25_1.4MHz

3.1.1 Test Result

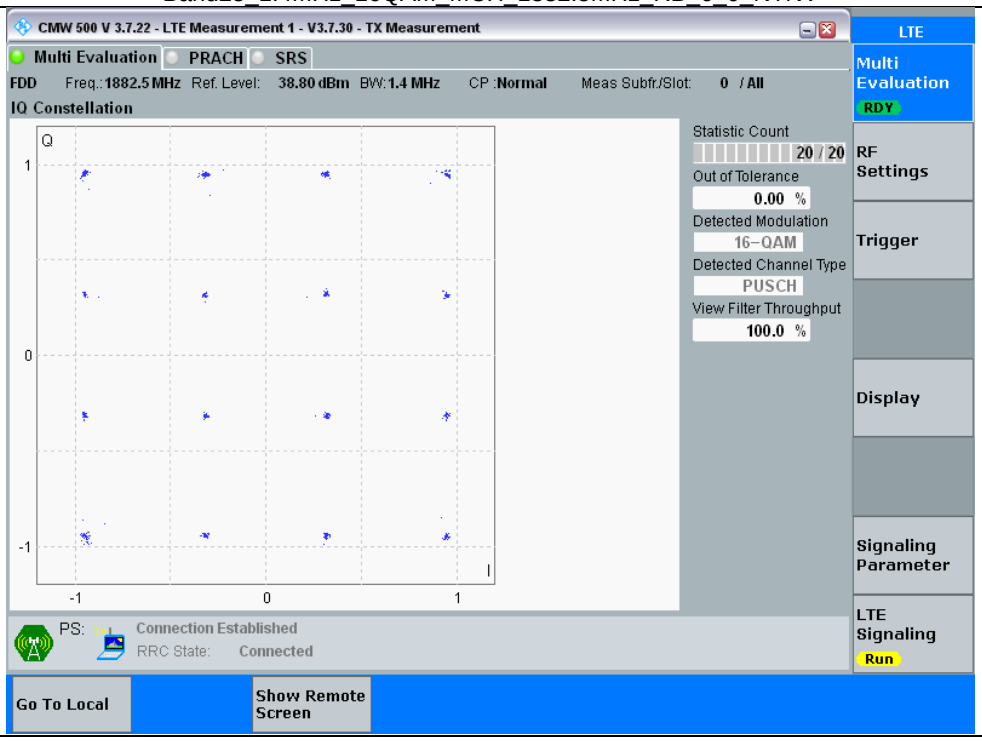
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



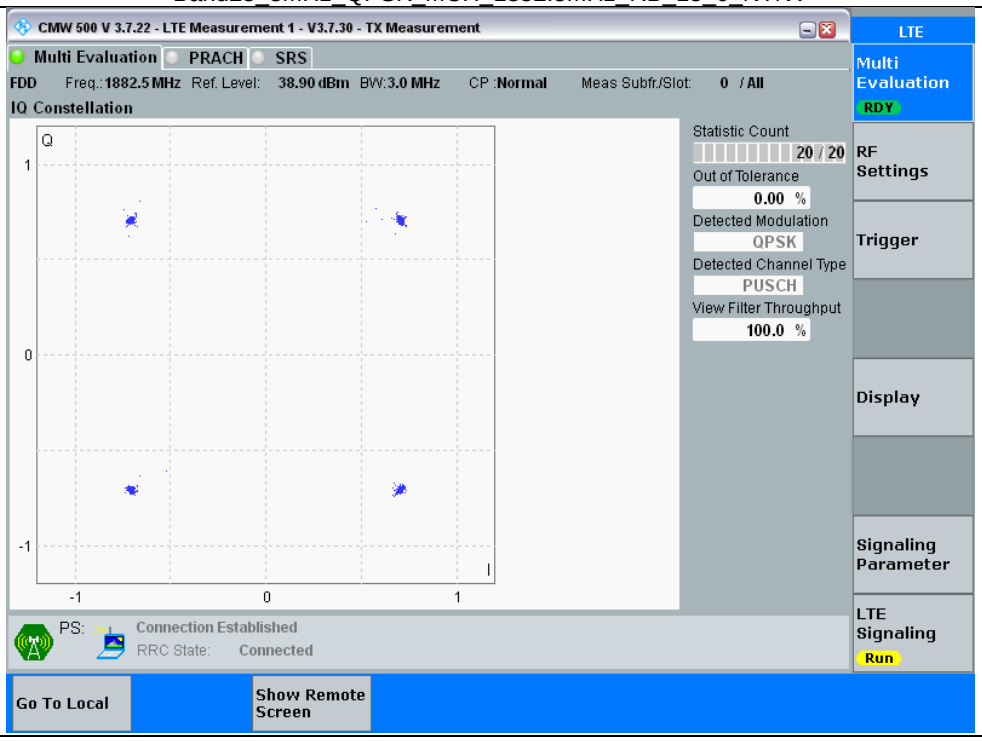
3.2 B25_3MHz

3.2.1 Test Result

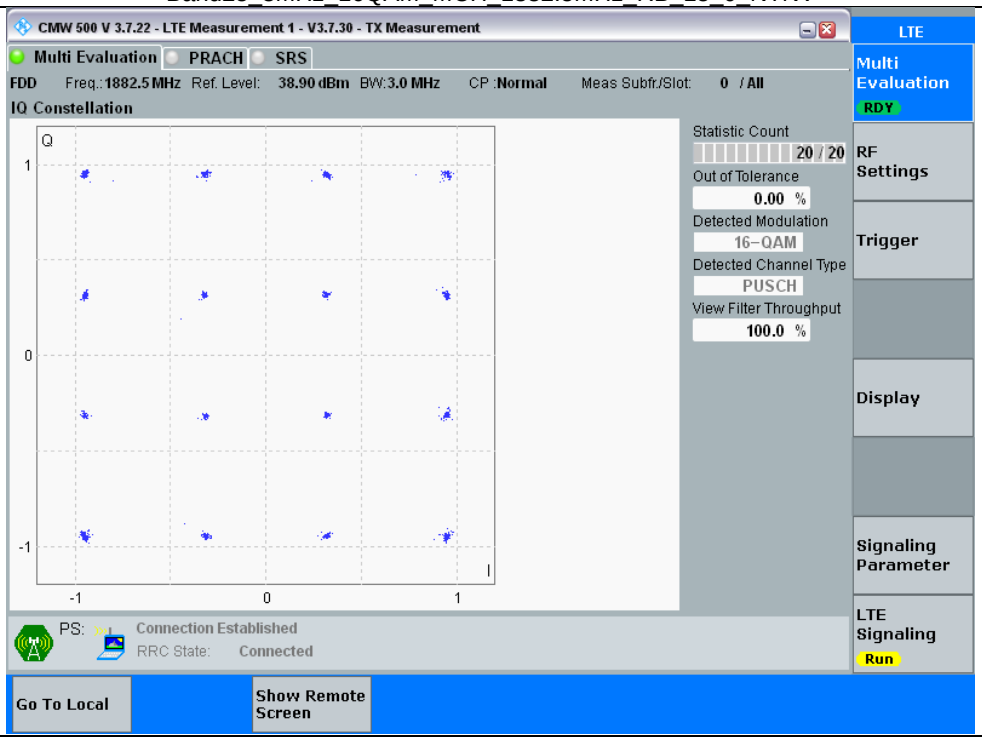
Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



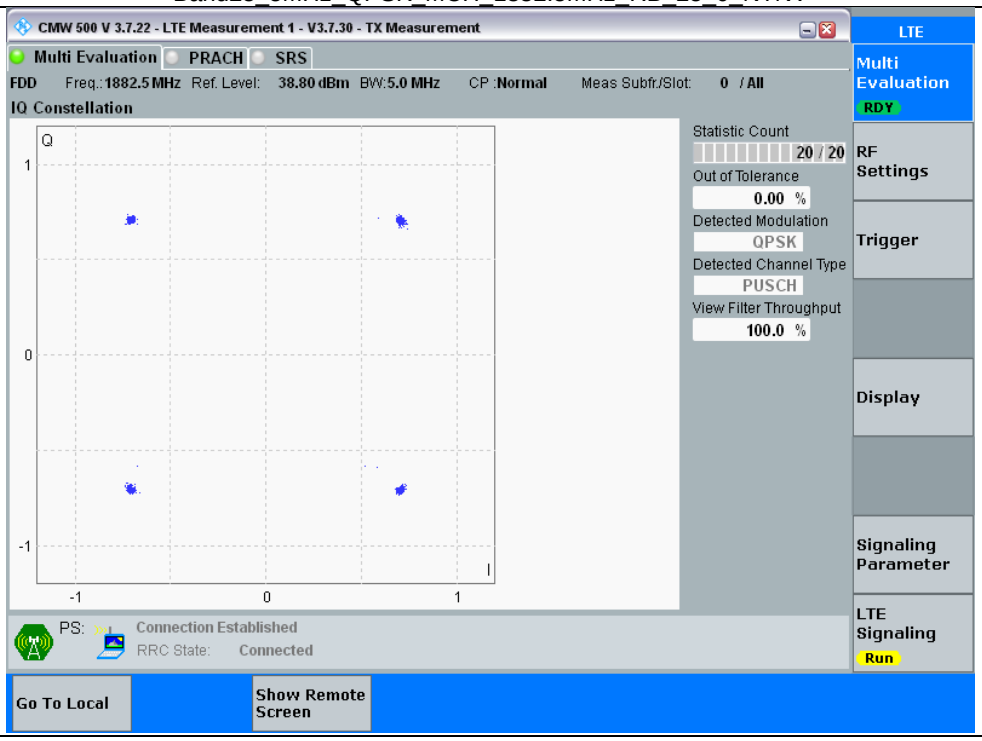
3.3 B25_5MHz

3.3.1 Test Result

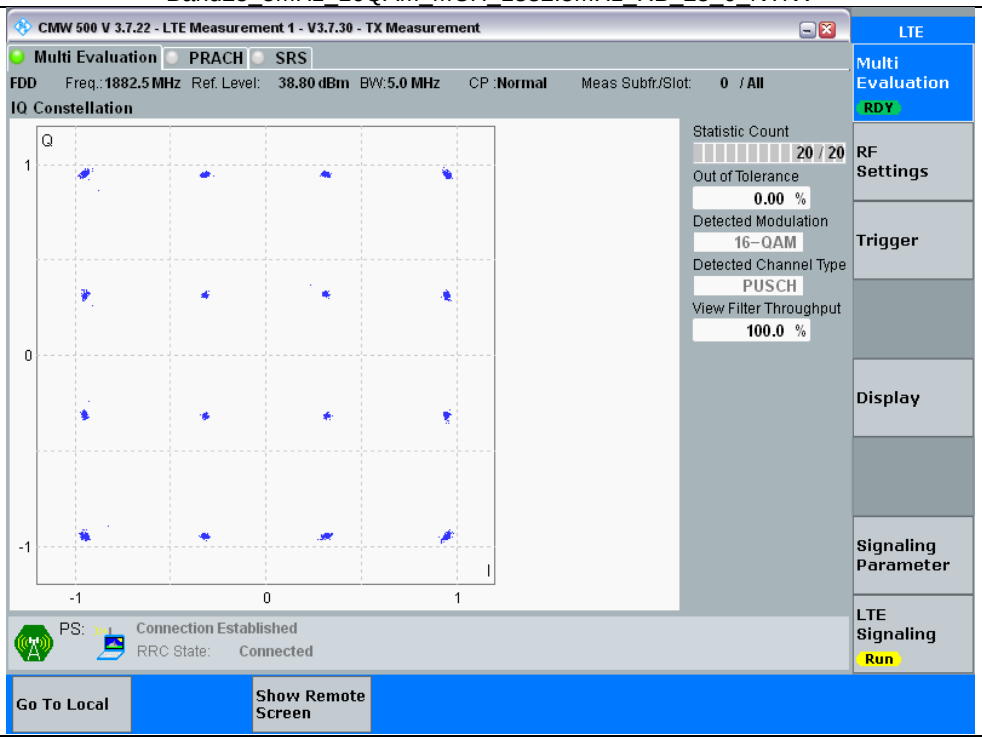
Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



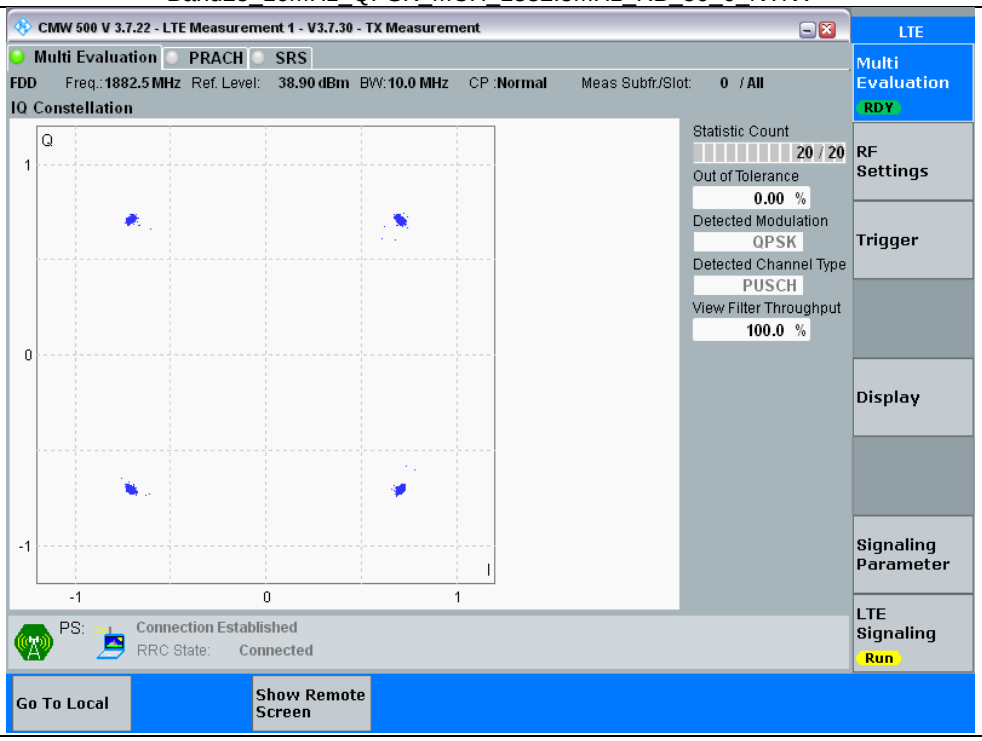
3.4 B25_10MHz

3.4.1 Test Result

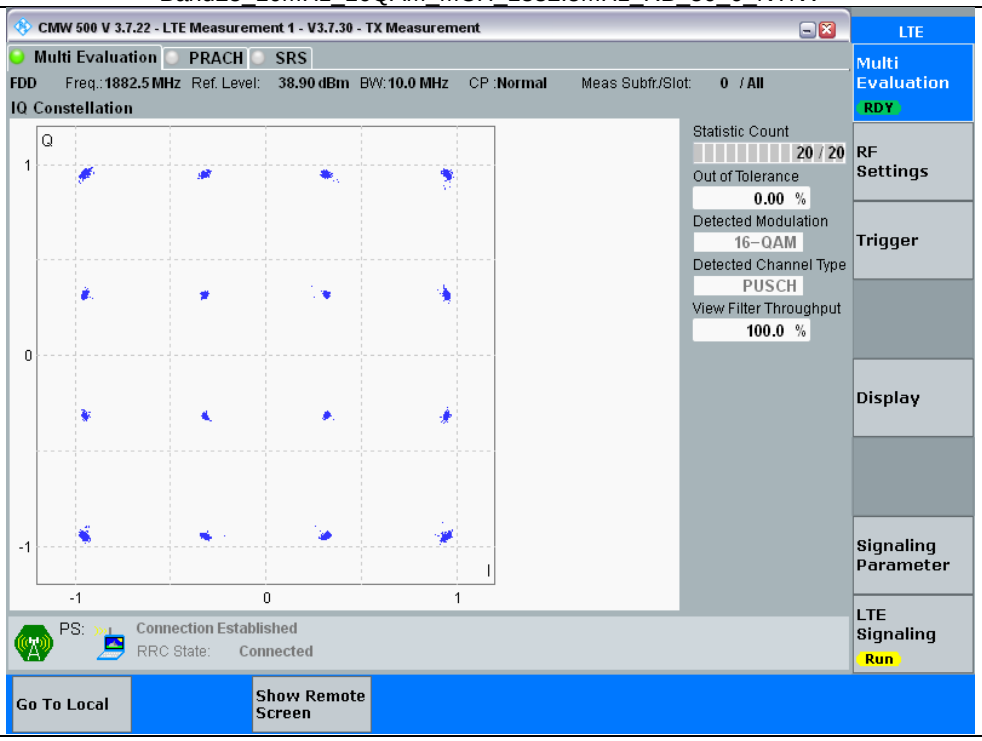
Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



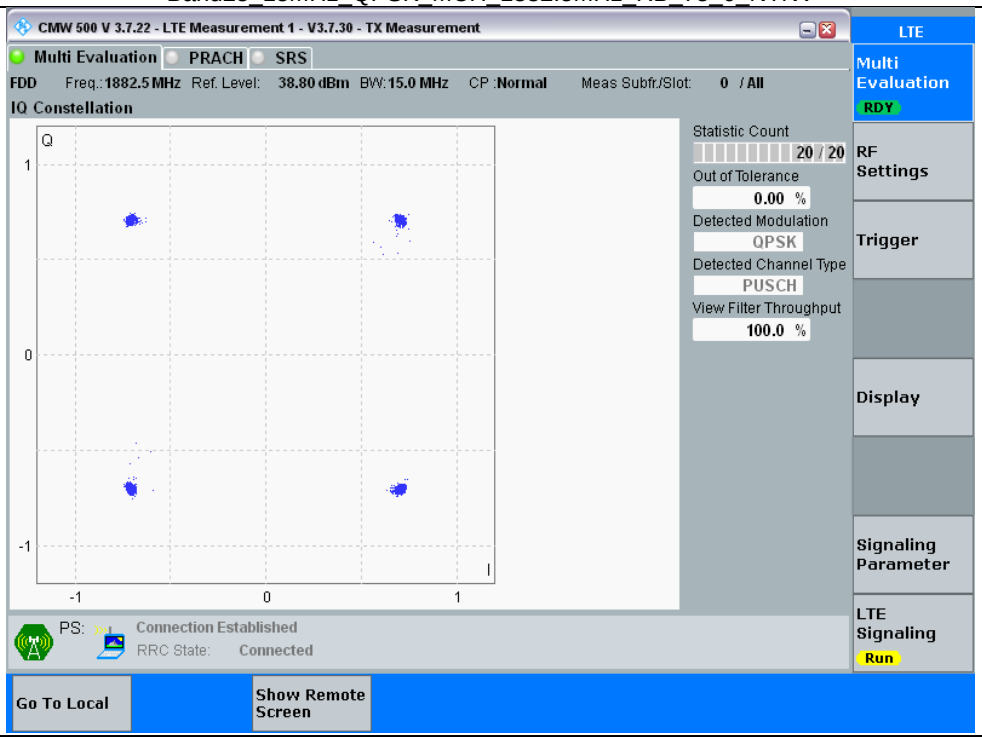
3.5 B25_15MHz

3.5.1 Test Result

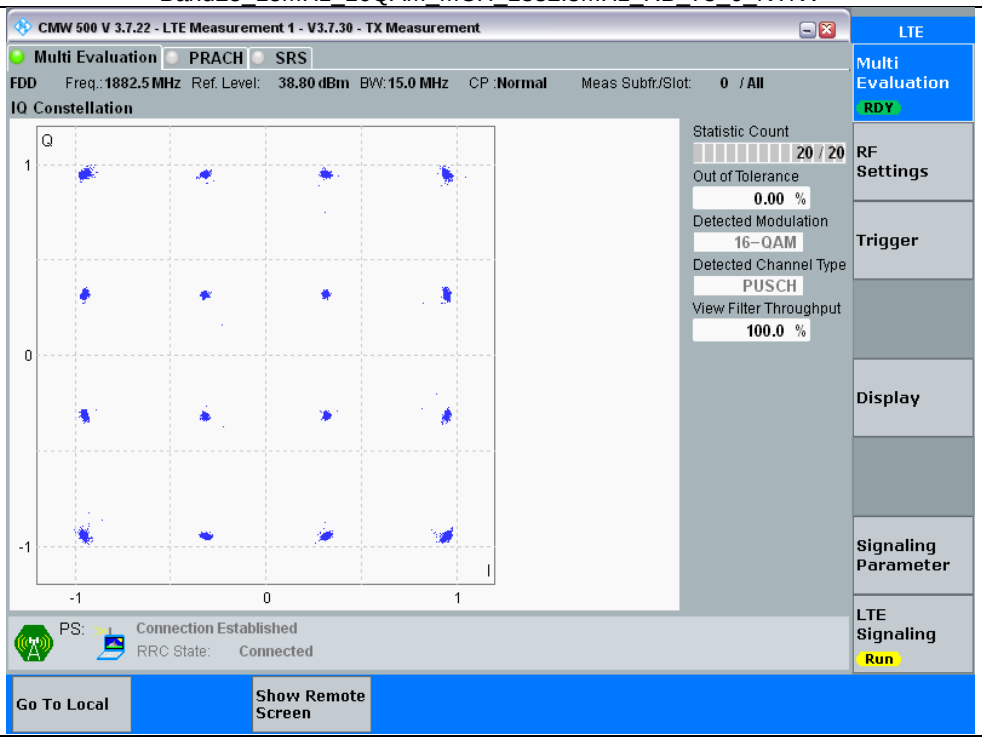
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



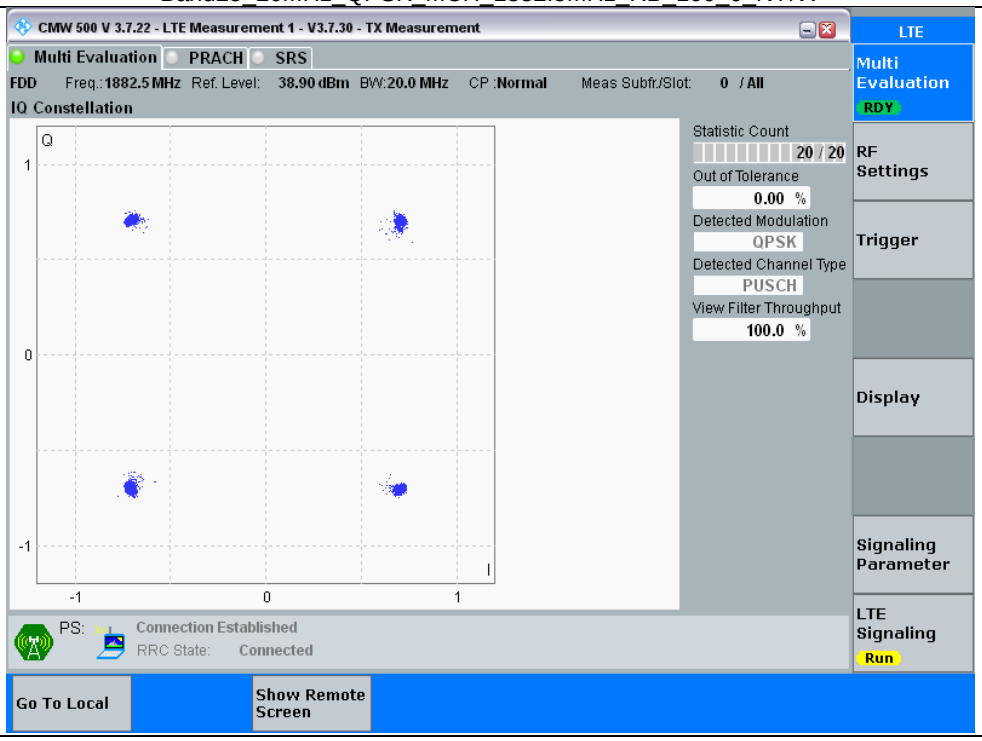
3.6 B25_20MHz

3.6.1 Test Result

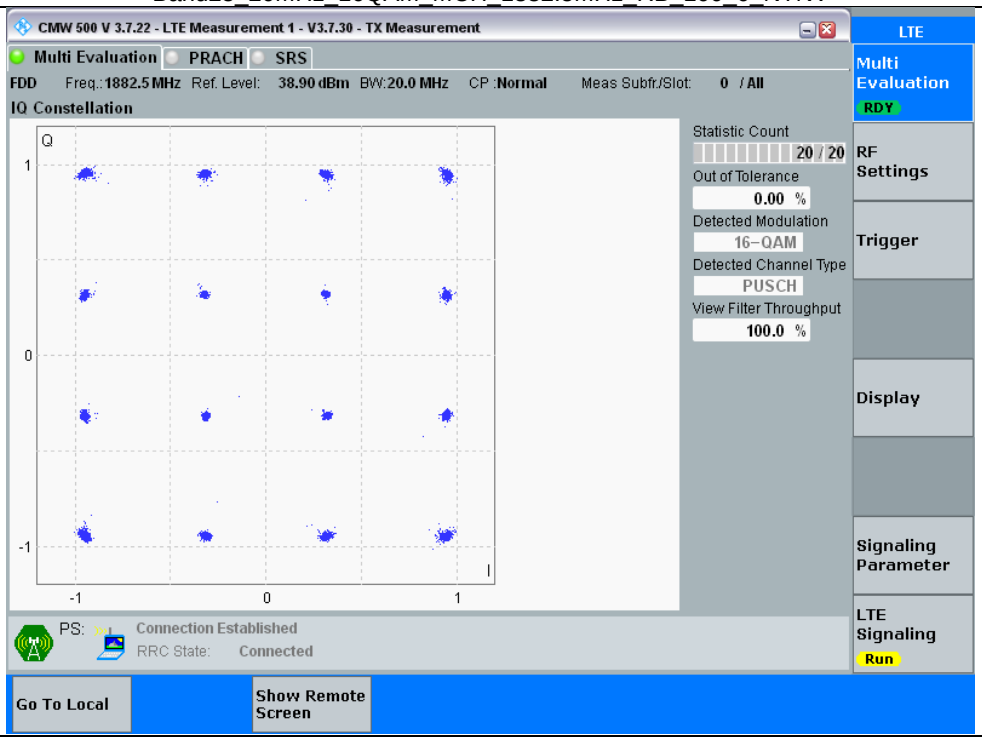
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

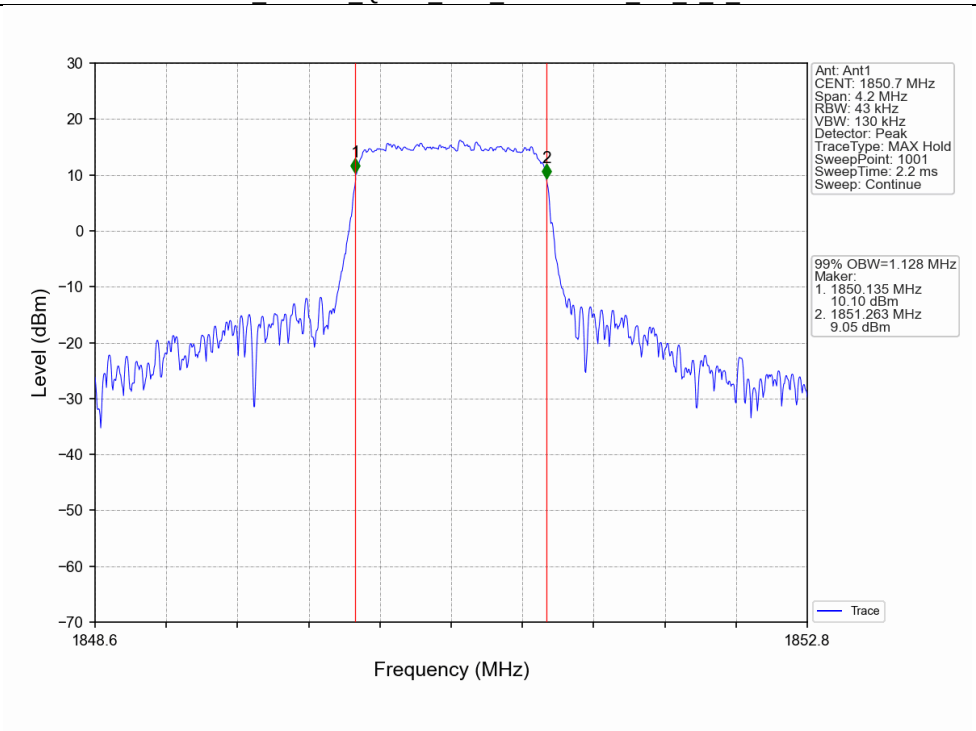
4.1 Band25_OBW

4.1.1 Test Result

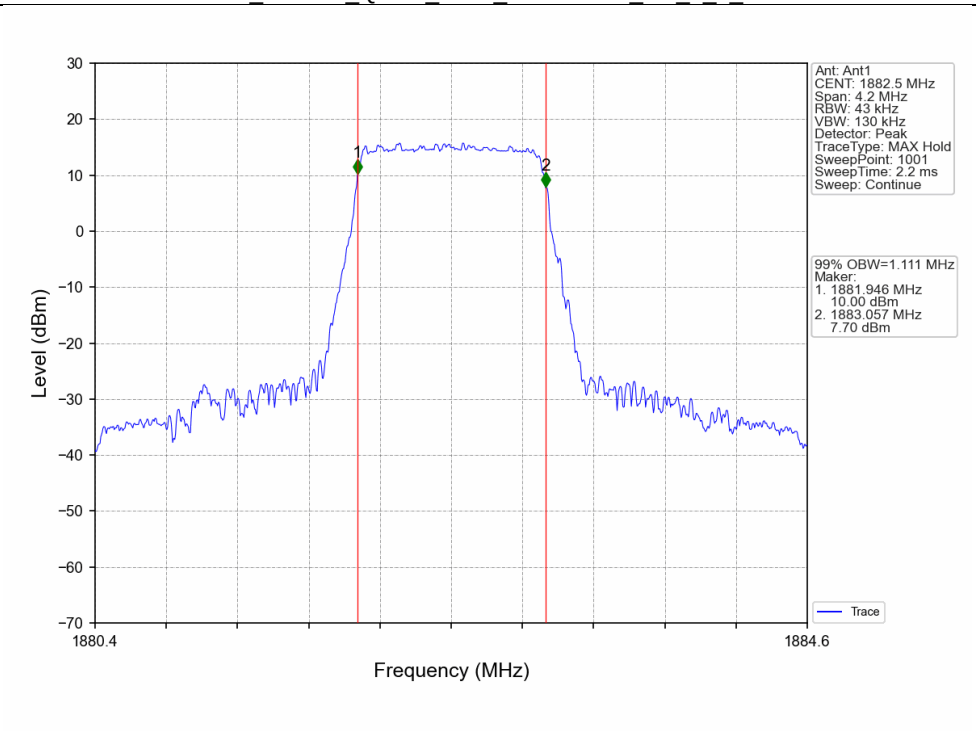
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.128	Pass
		1882.5	6	0	1.111	Pass
		1914.3	6	0	1.118	Pass
	16QAM	1850.7	6	0	1.110	Pass
		1882.5	6	0	1.101	Pass
		1914.3	6	0	1.123	Pass
3	QPSK	1851.5	15	0	2.728	Pass
		1882.5	15	0	2.721	Pass
		1913.5	15	0	2.728	Pass
	16QAM	1851.5	15	0	2.714	Pass
		1882.5	15	0	2.718	Pass
		1913.5	15	0	2.727	Pass
5	QPSK	1852.5	25	0	4.573	Pass
		1882.5	25	0	4.568	Pass
		1912.5	25	0	4.584	Pass
	16QAM	1852.5	25	0	4.589	Pass
		1882.5	25	0	4.590	Pass
		1912.5	25	0	4.578	Pass
10	QPSK	1855	50	0	9.093	Pass
		1882.5	50	0	9.078	Pass
		1910	50	0	9.125	Pass
	16QAM	1855	50	0	9.081	Pass
		1882.5	50	0	9.056	Pass
		1910	50	0	9.085	Pass
15	QPSK	1857.5	75	0	13.664	Pass
		1882.5	75	0	13.631	Pass
		1907.5	75	0	13.671	Pass
	16QAM	1857.5	75	0	13.663	Pass
		1882.5	75	0	13.642	Pass
		1907.5	75	0	13.632	Pass
20	QPSK	1860	100	0	18.293	Pass
		1882.5	100	0	18.161	Pass
		1905	100	0	18.242	Pass
	16QAM	1860	100	0	18.258	Pass
		1882.5	100	0	18.185	Pass
		1905	100	0	18.152	Pass

4.1.2 Test Graph

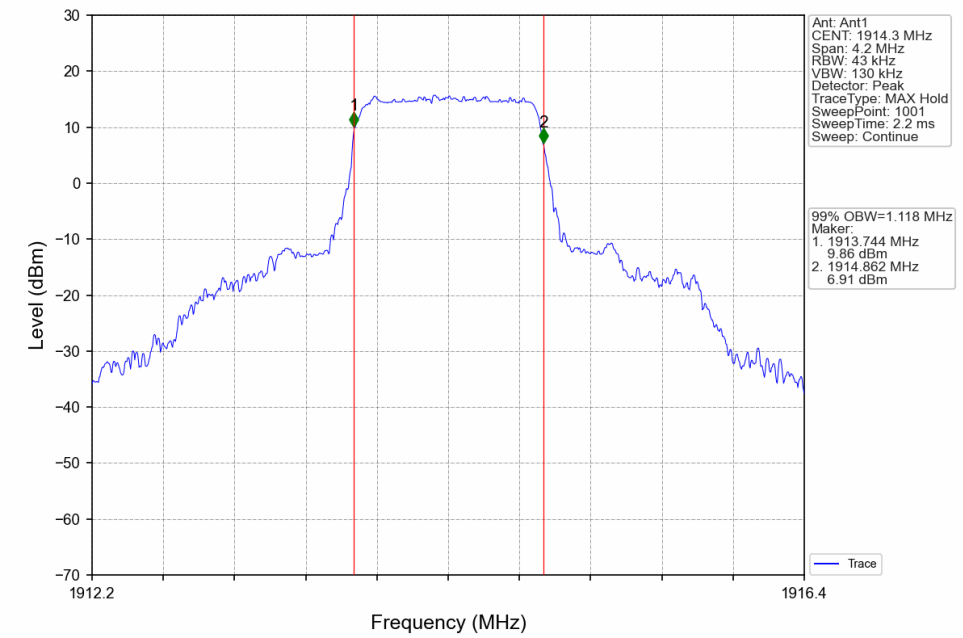
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



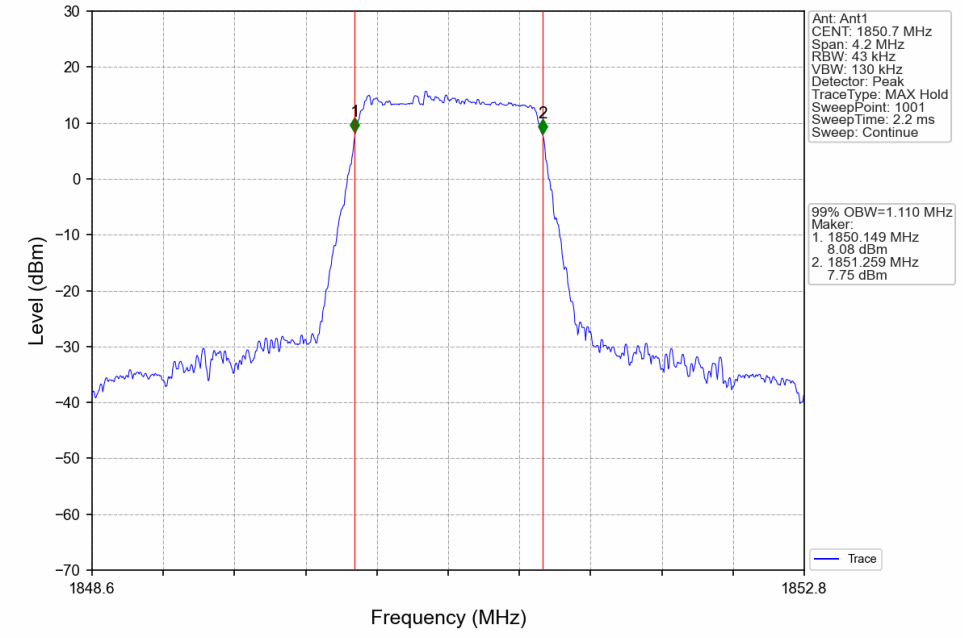
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



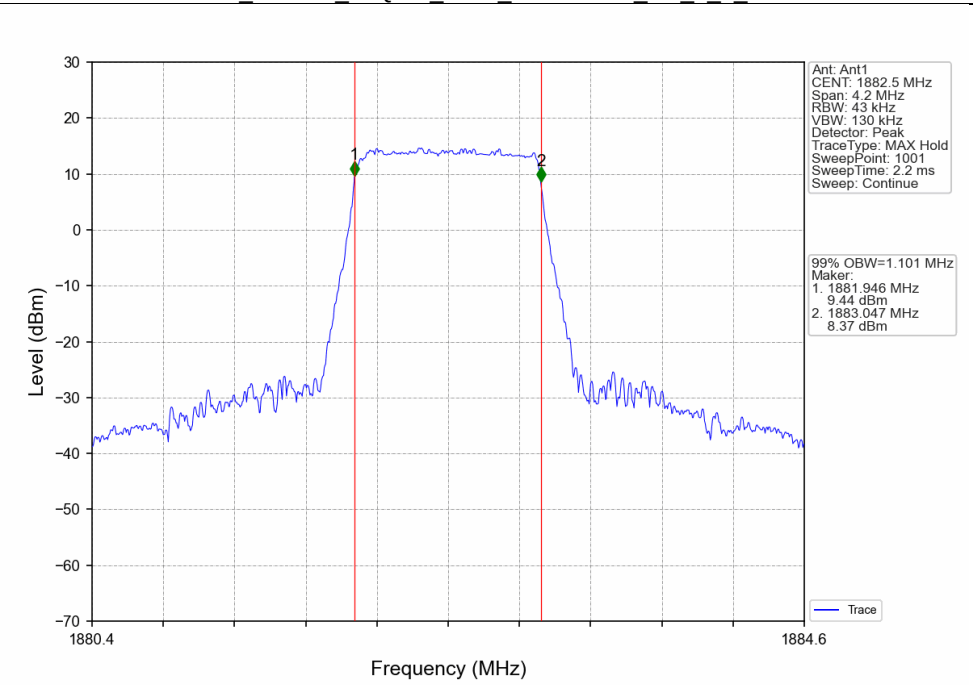
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



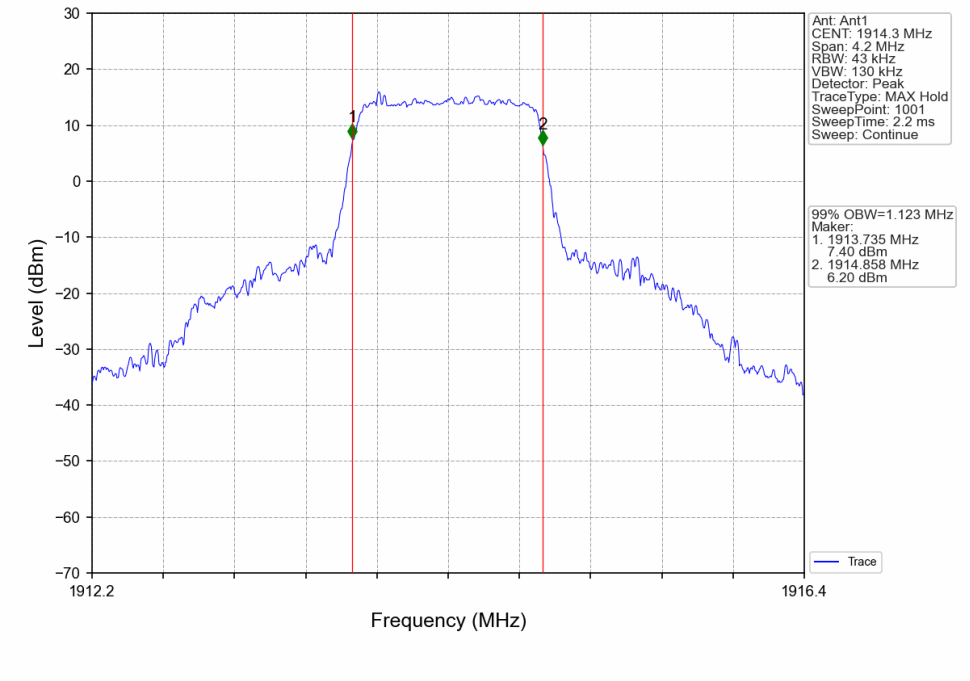
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



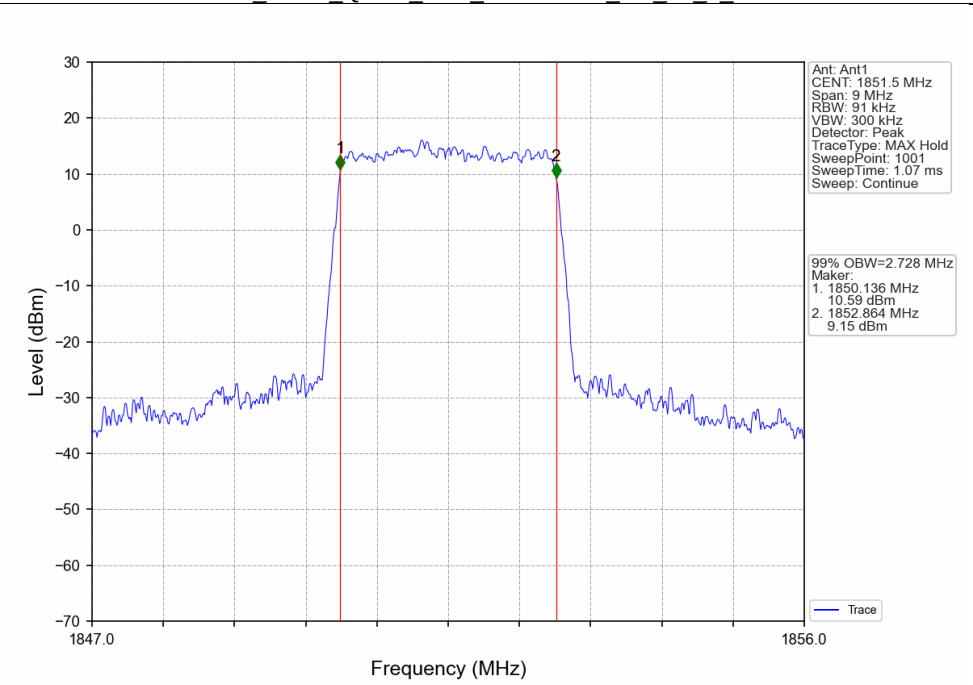
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



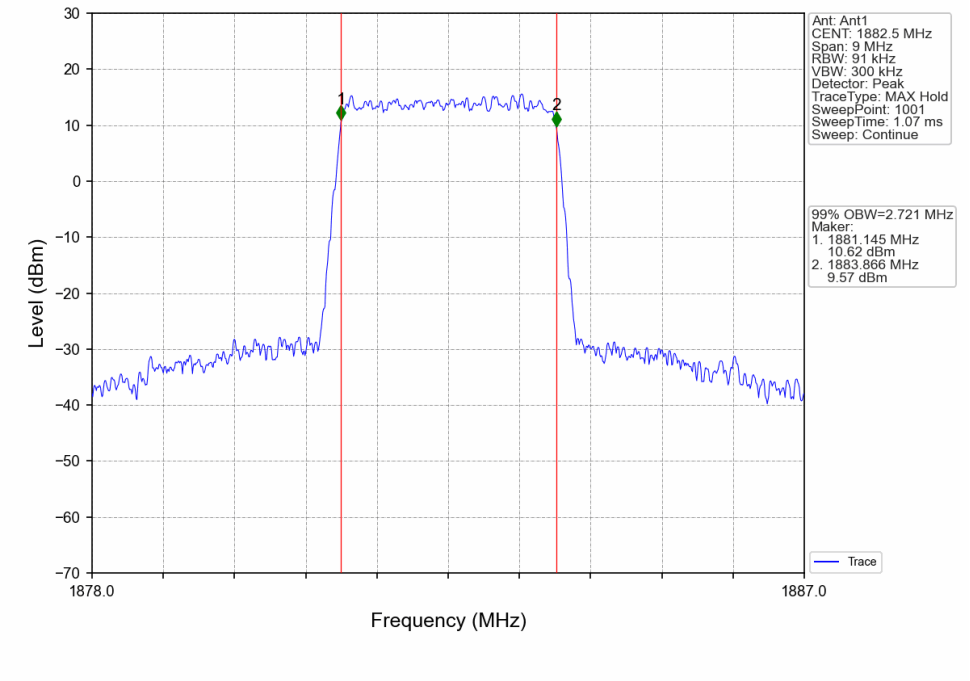
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



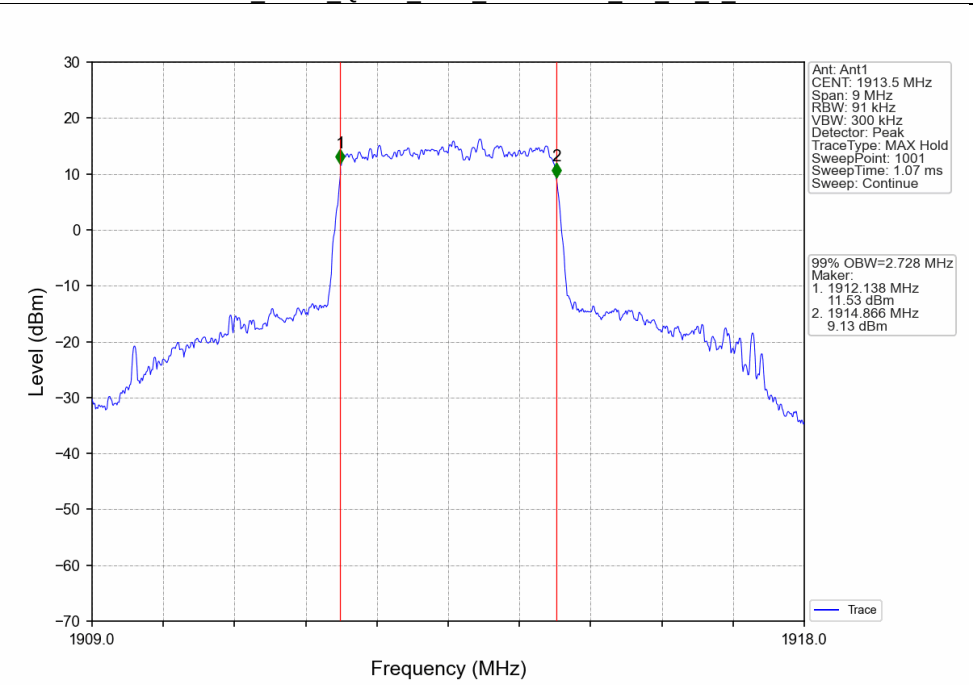
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



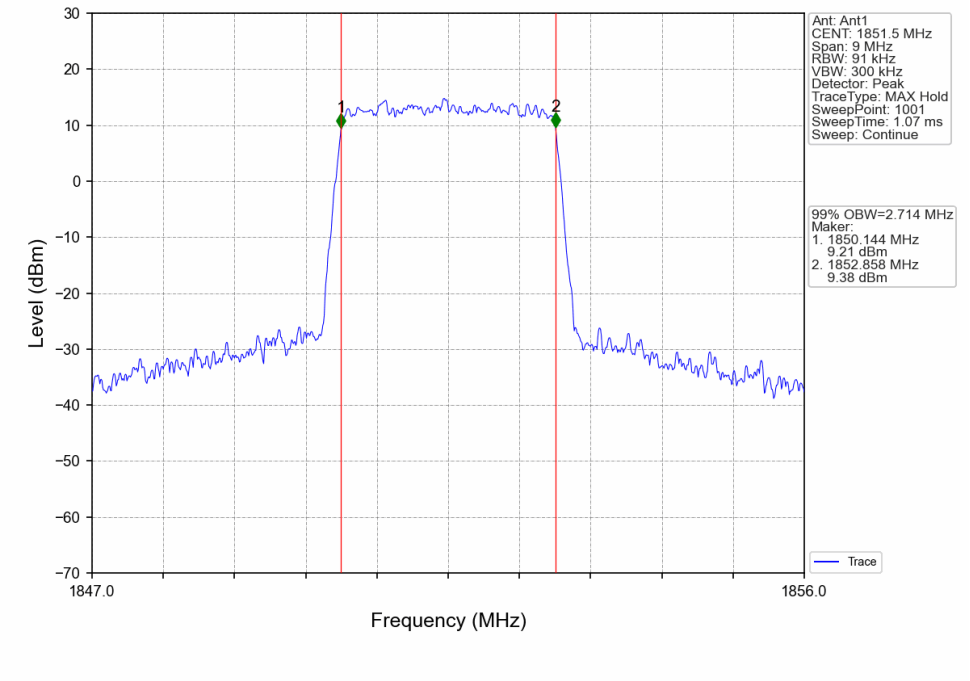
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



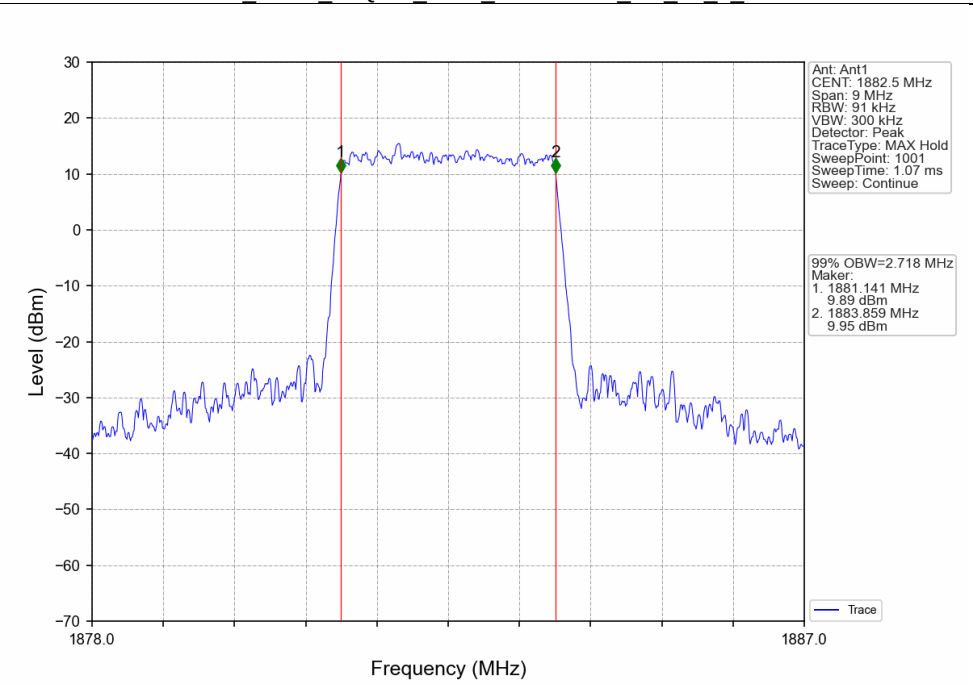
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



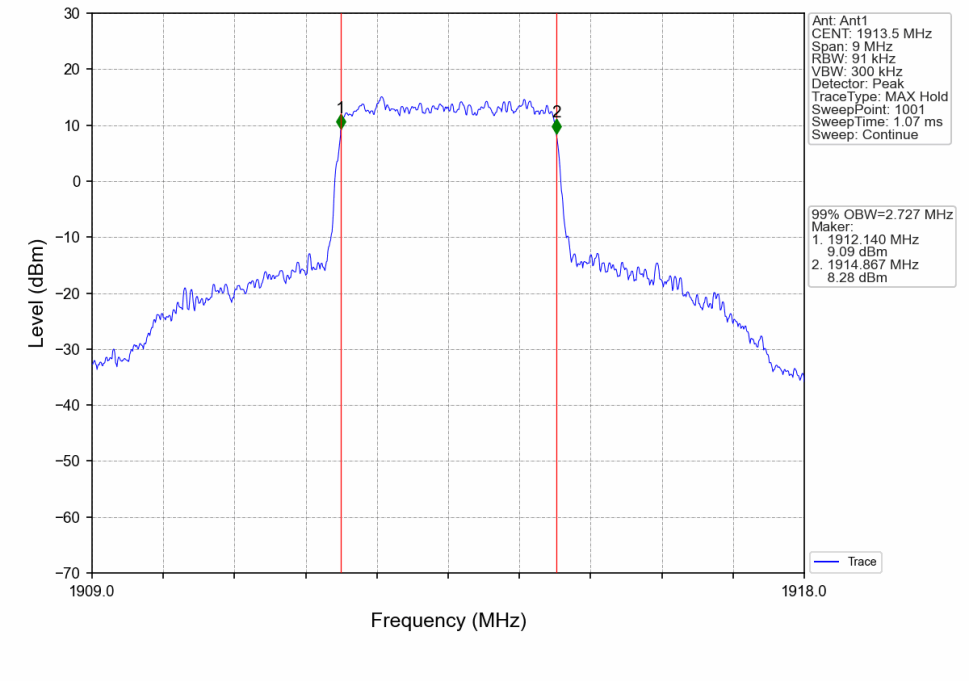
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



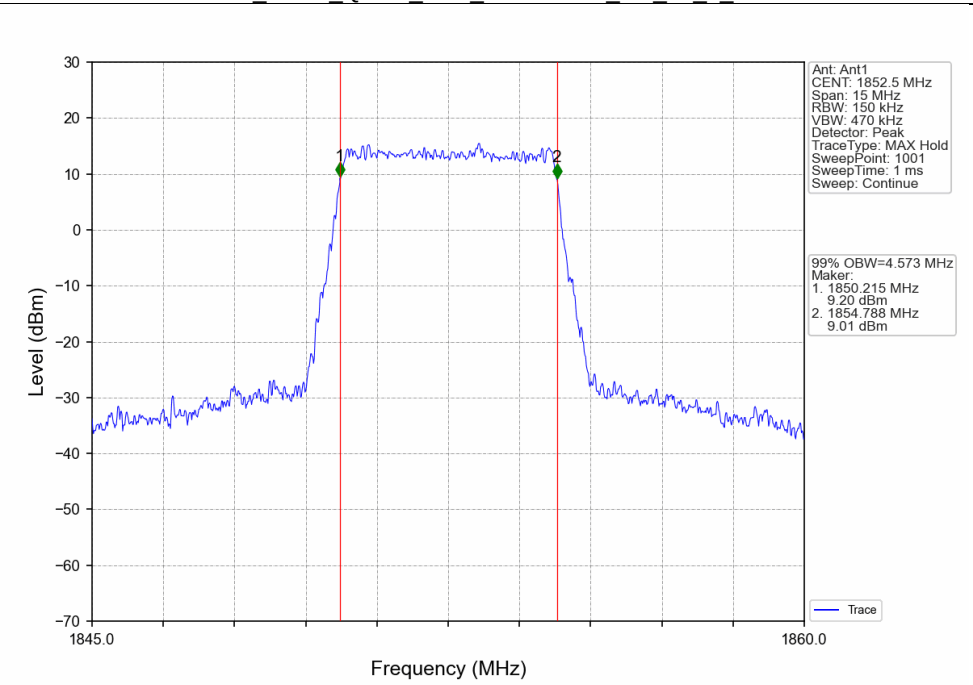
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



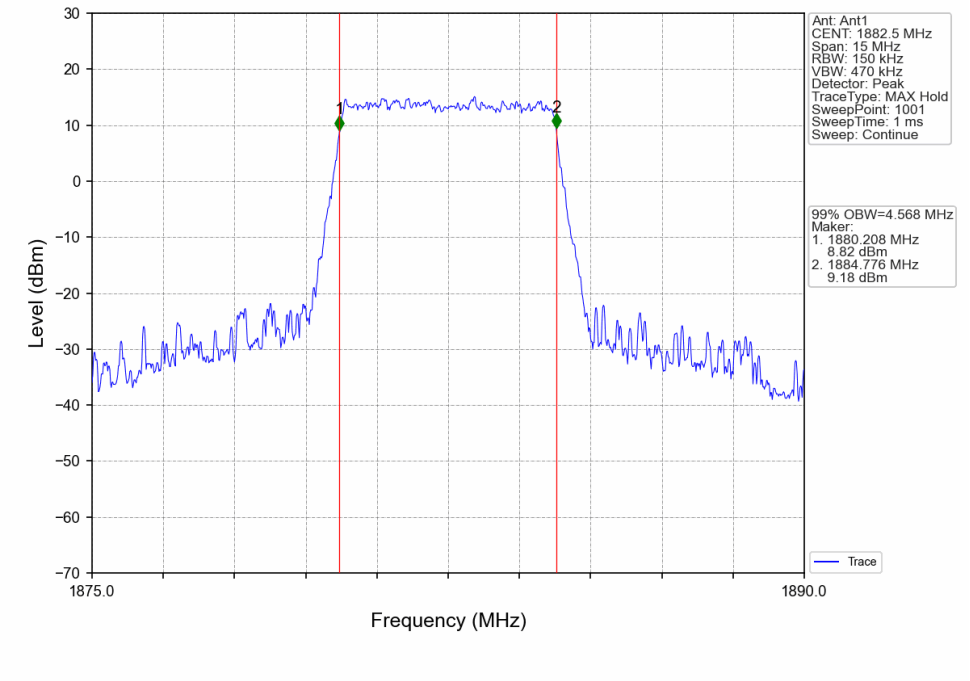
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



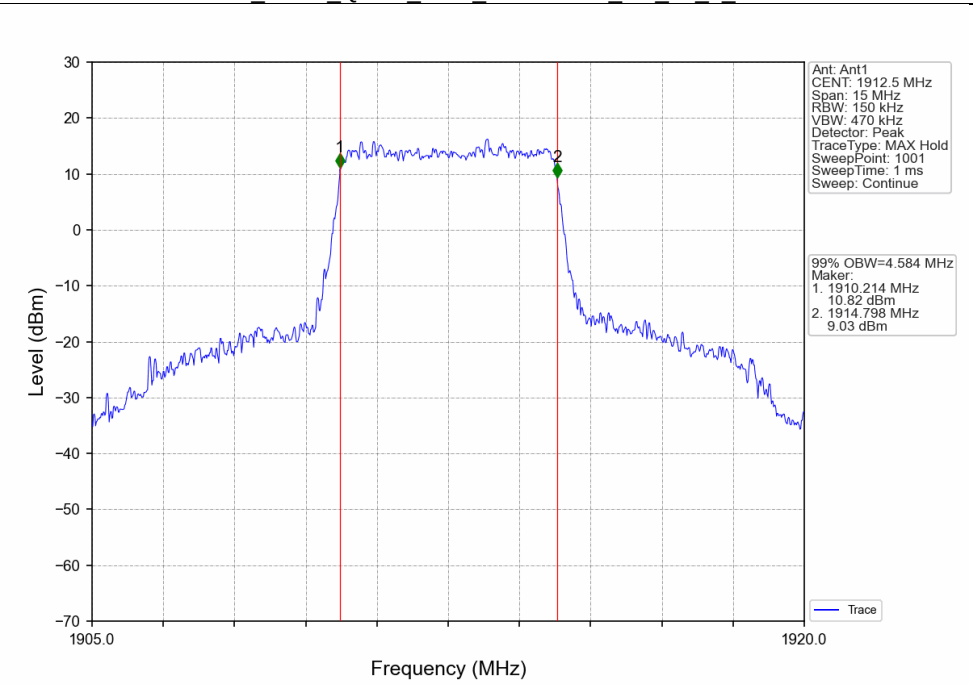
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



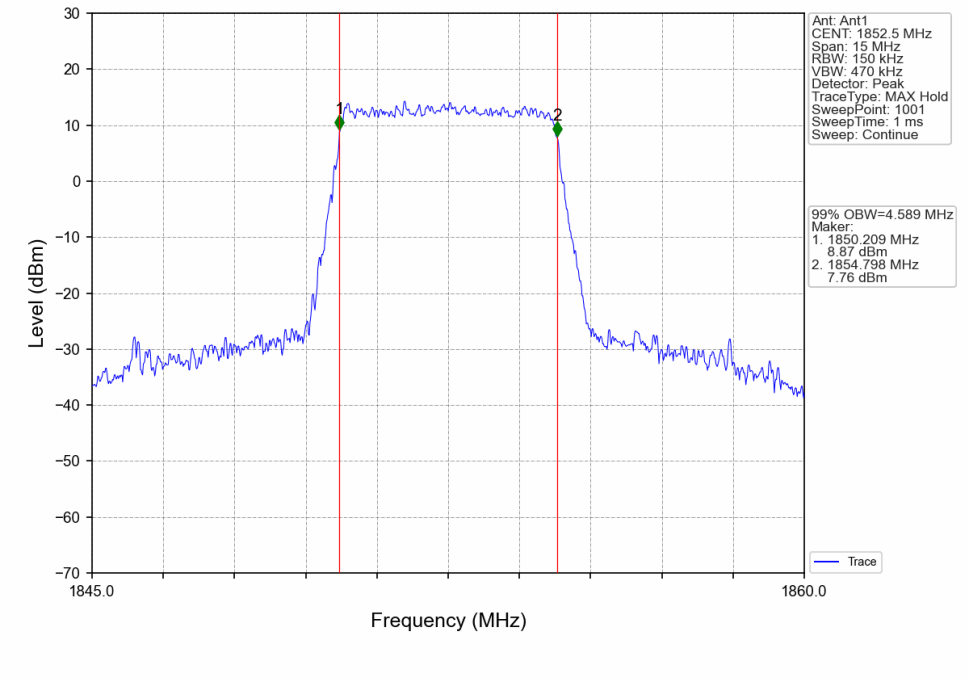
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



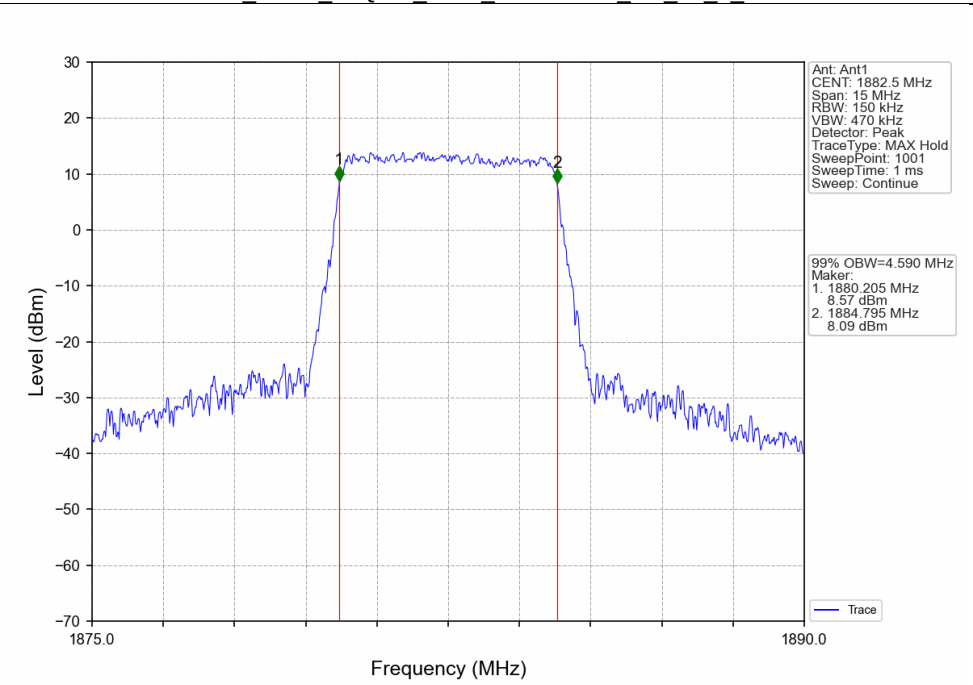
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



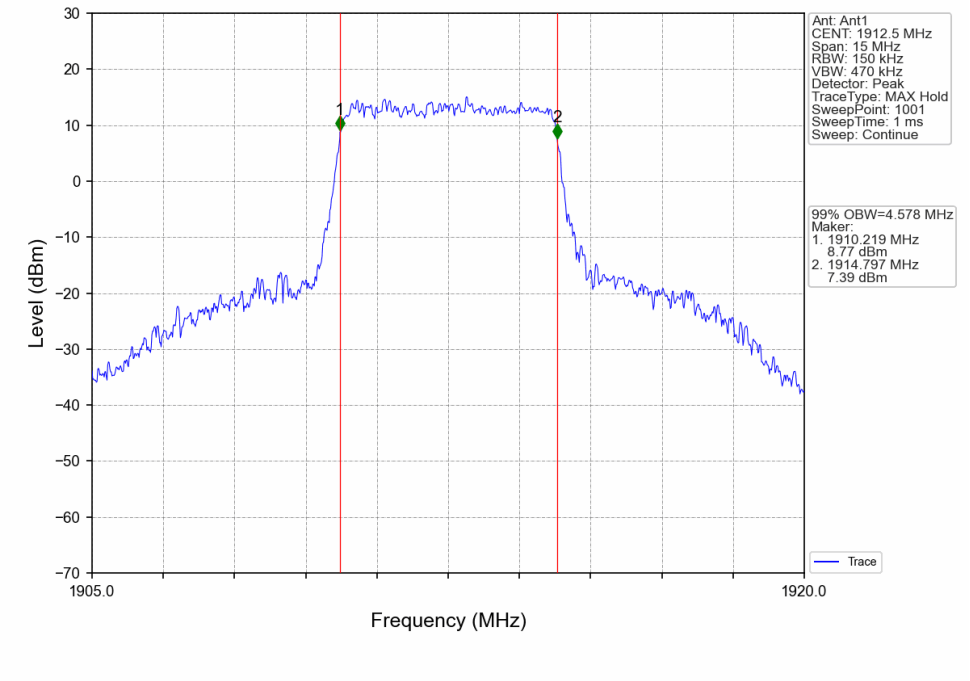
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



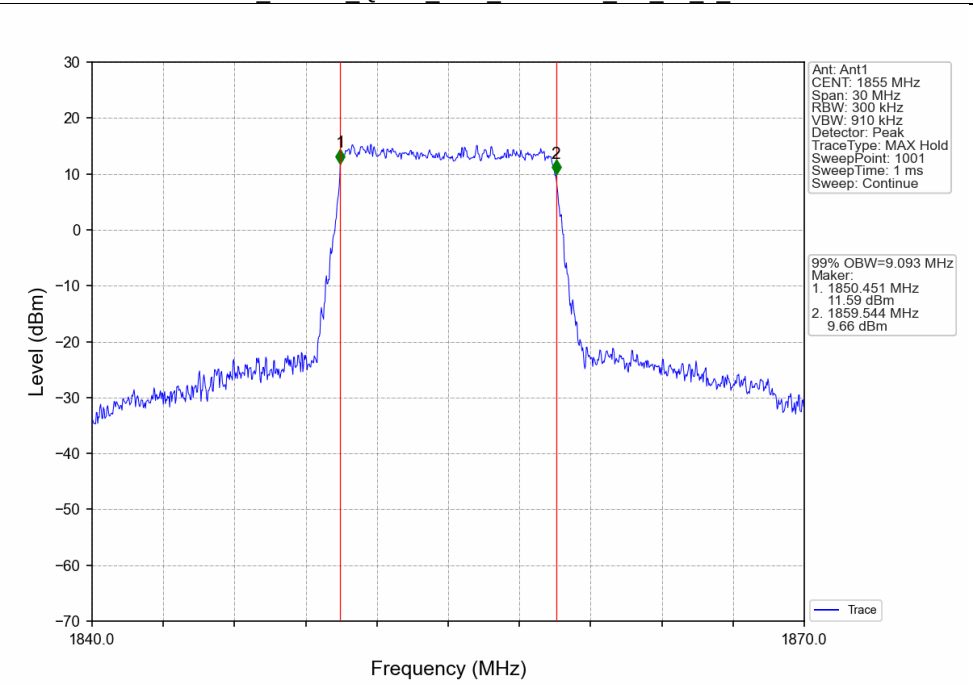
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



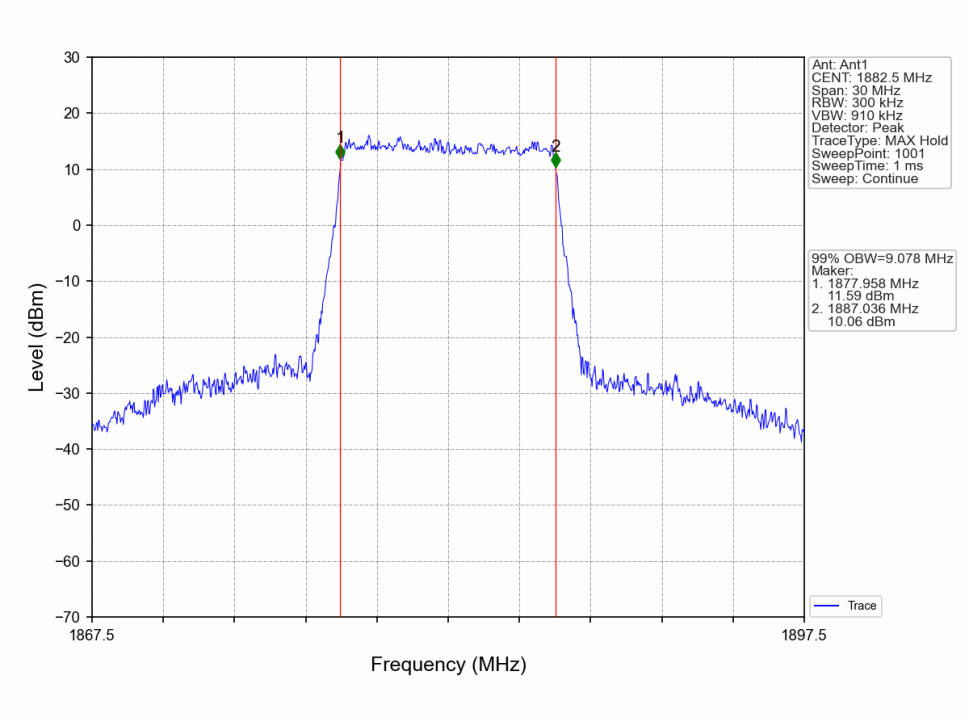
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



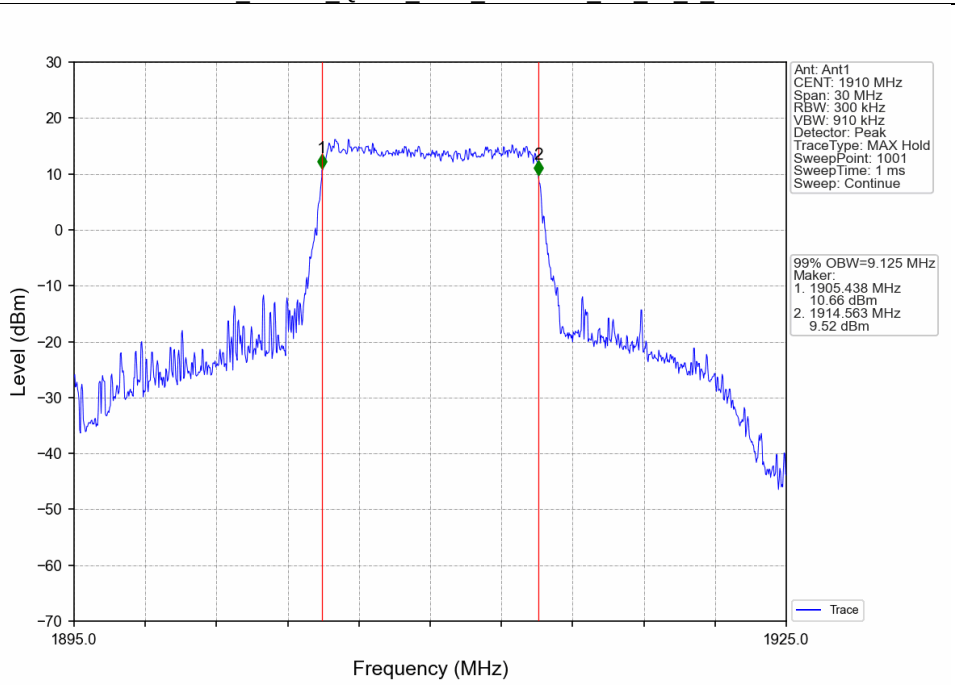
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



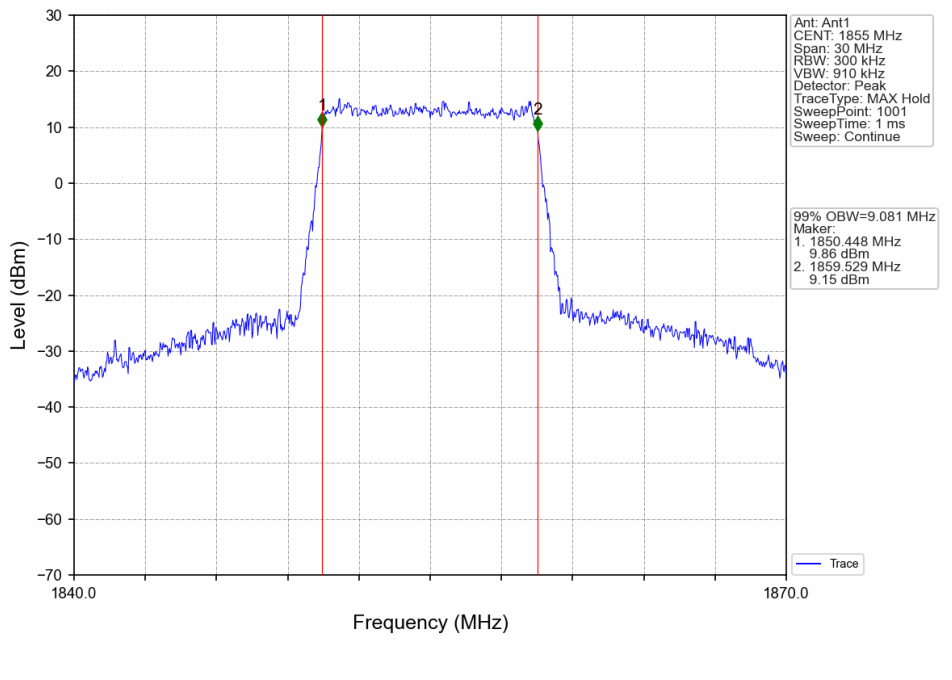
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



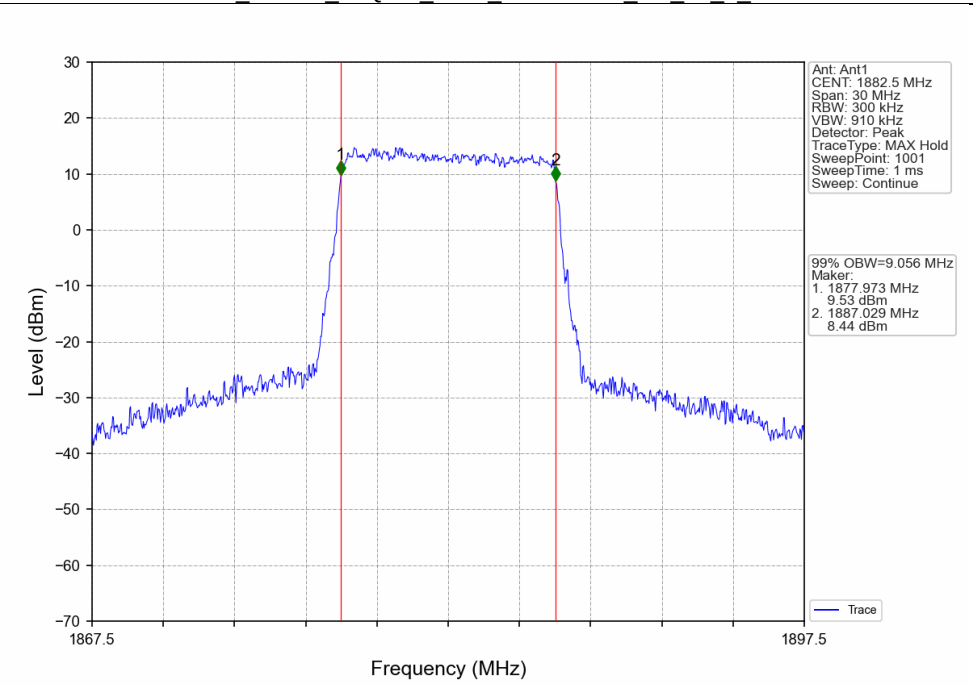
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



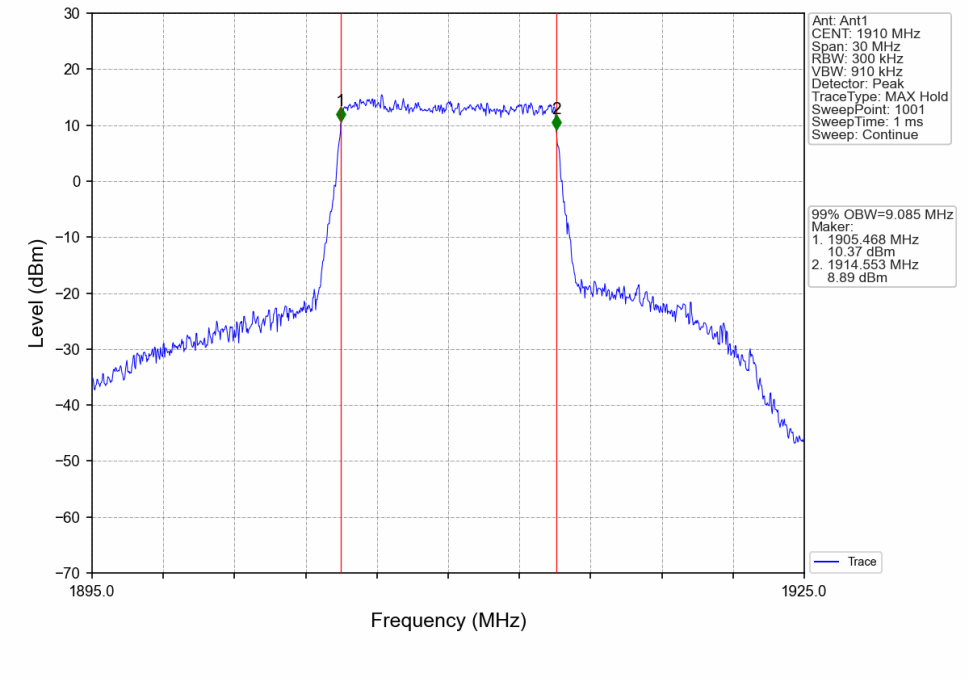
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



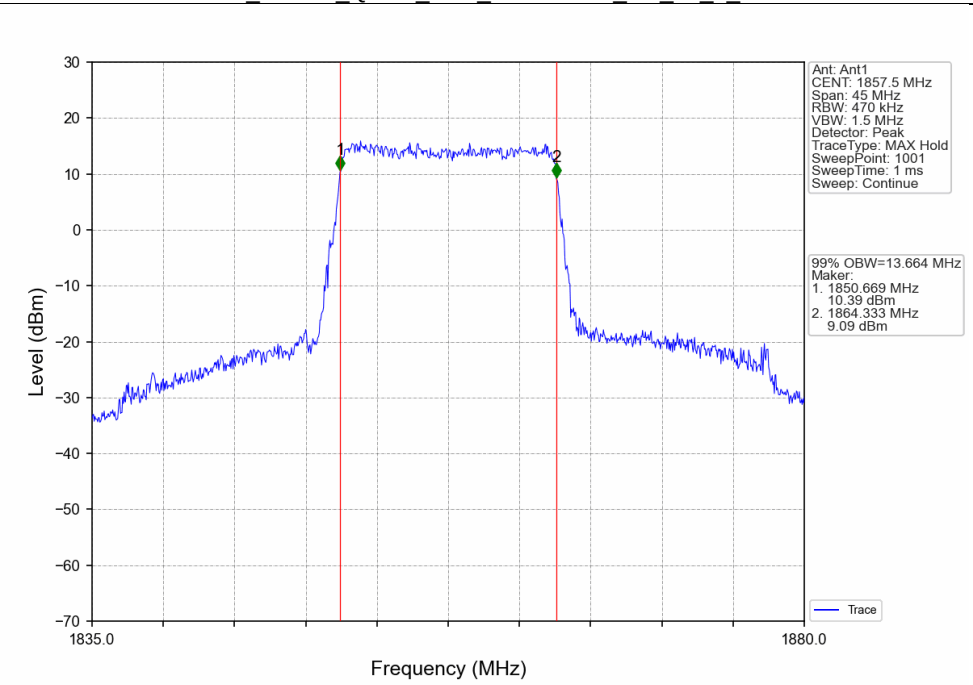
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



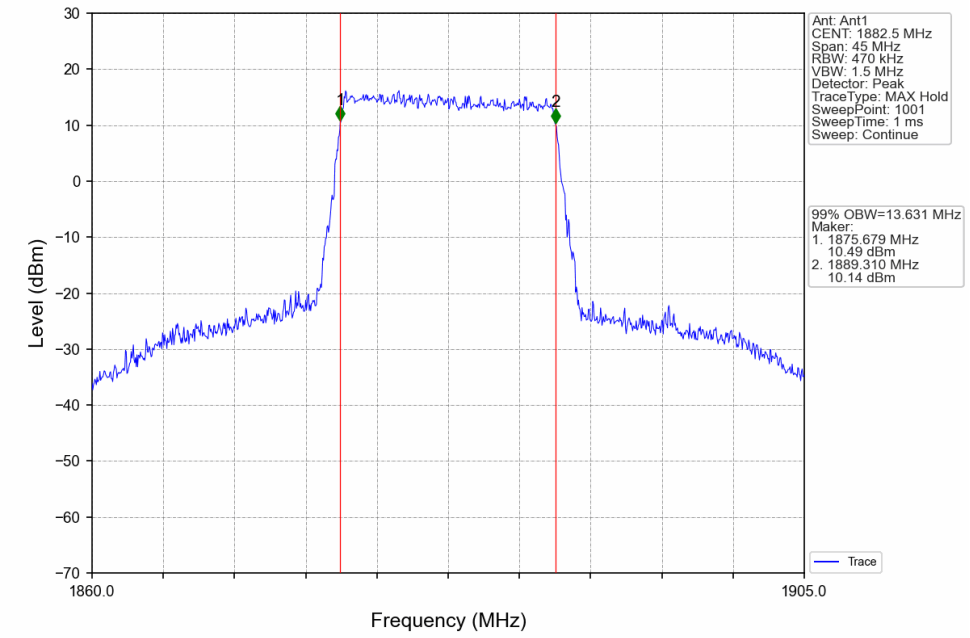
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



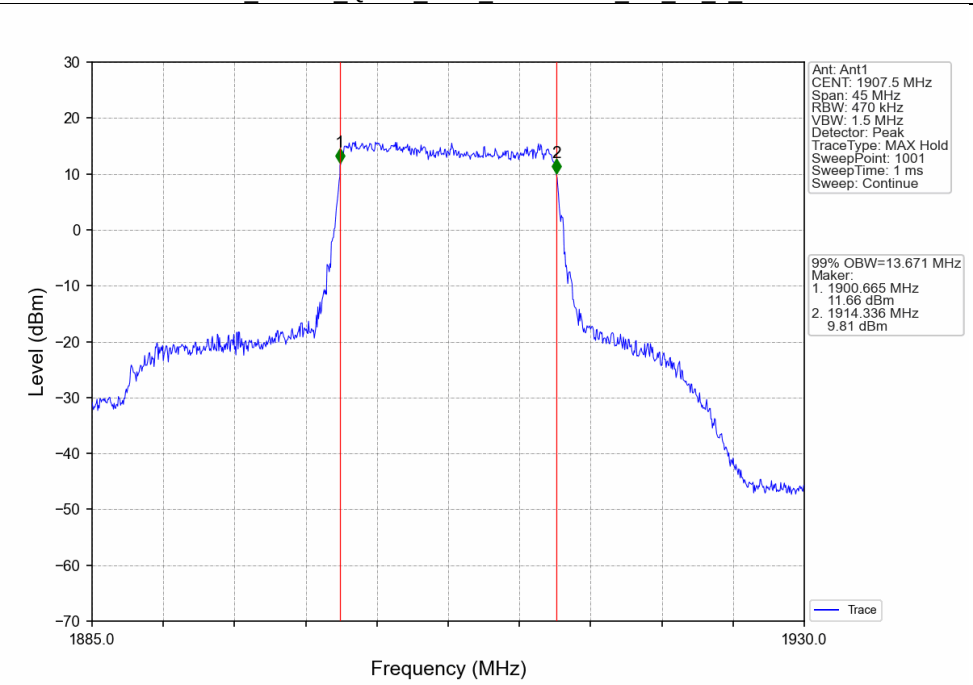
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



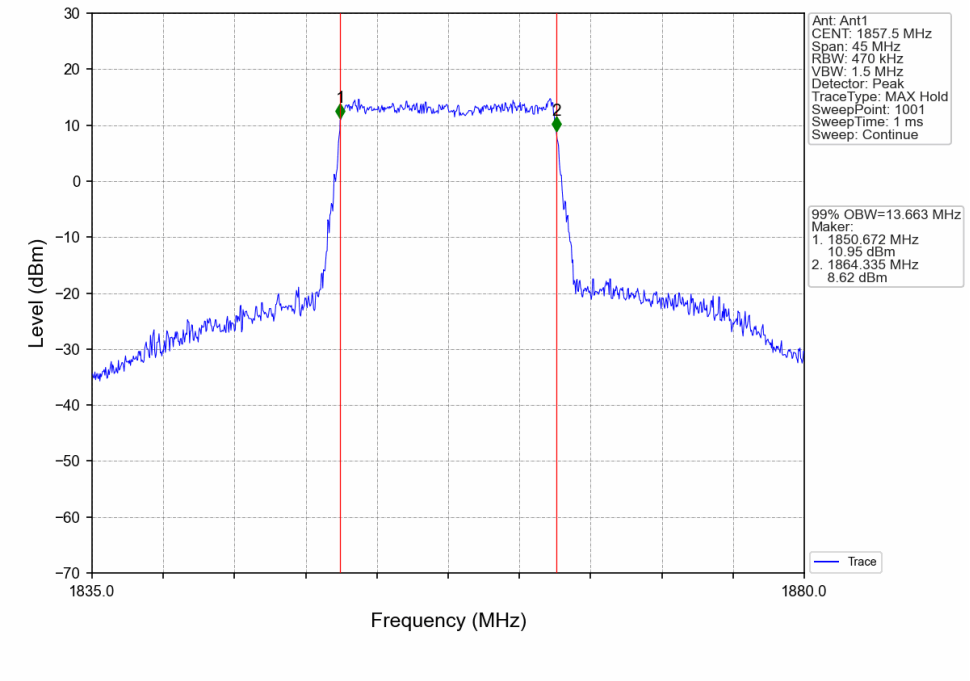
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



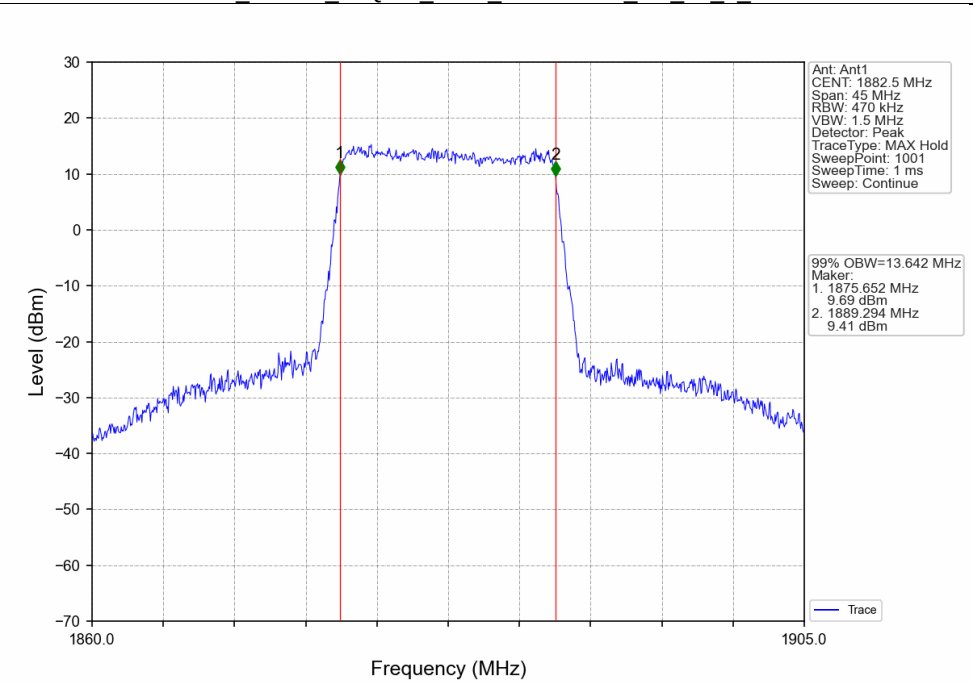
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



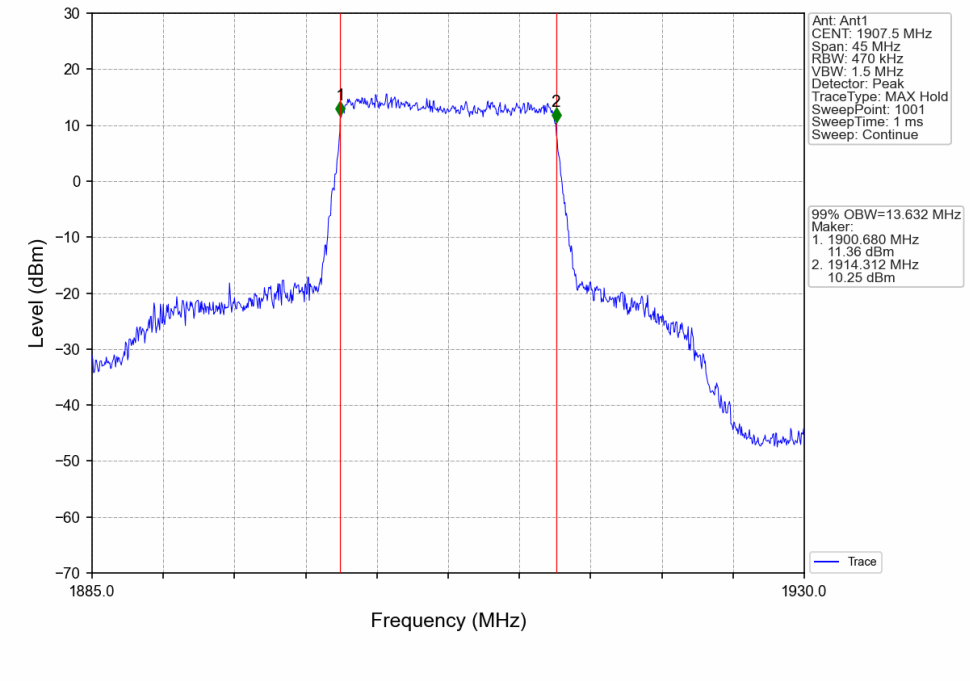
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



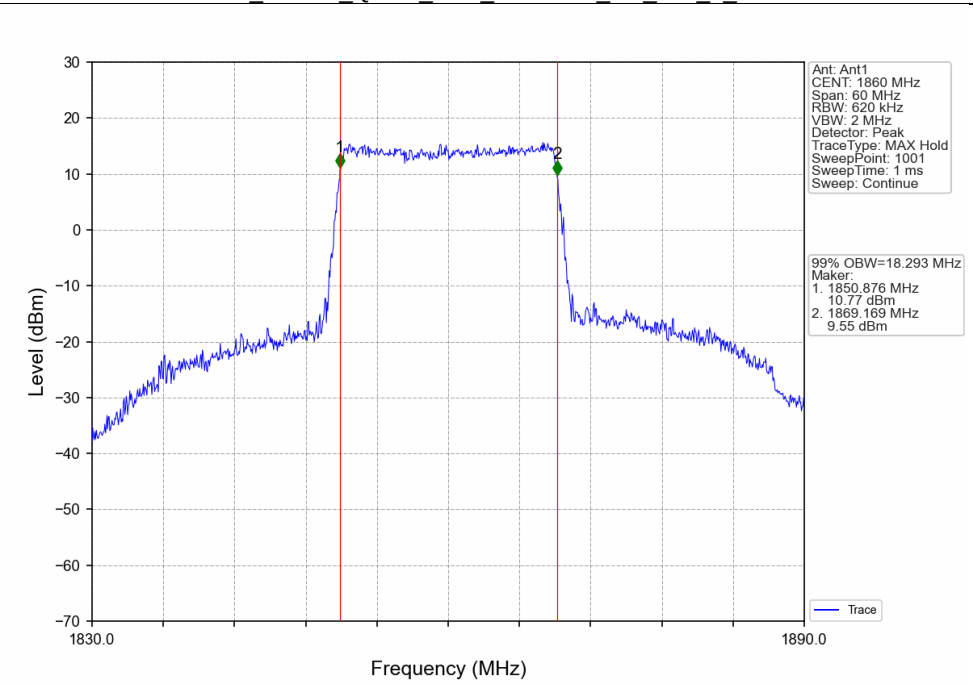
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



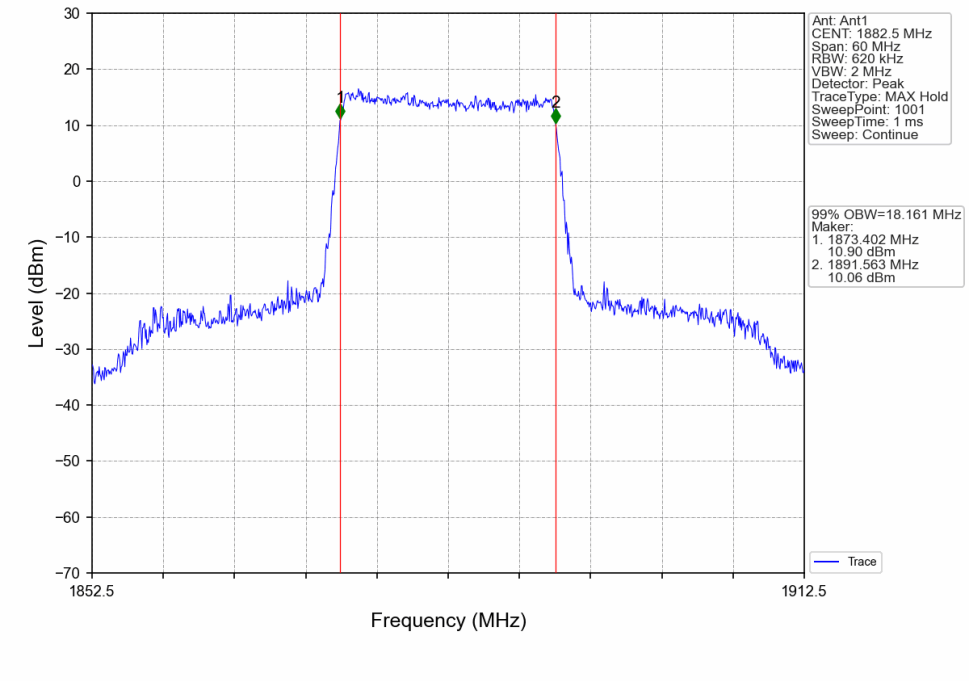
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



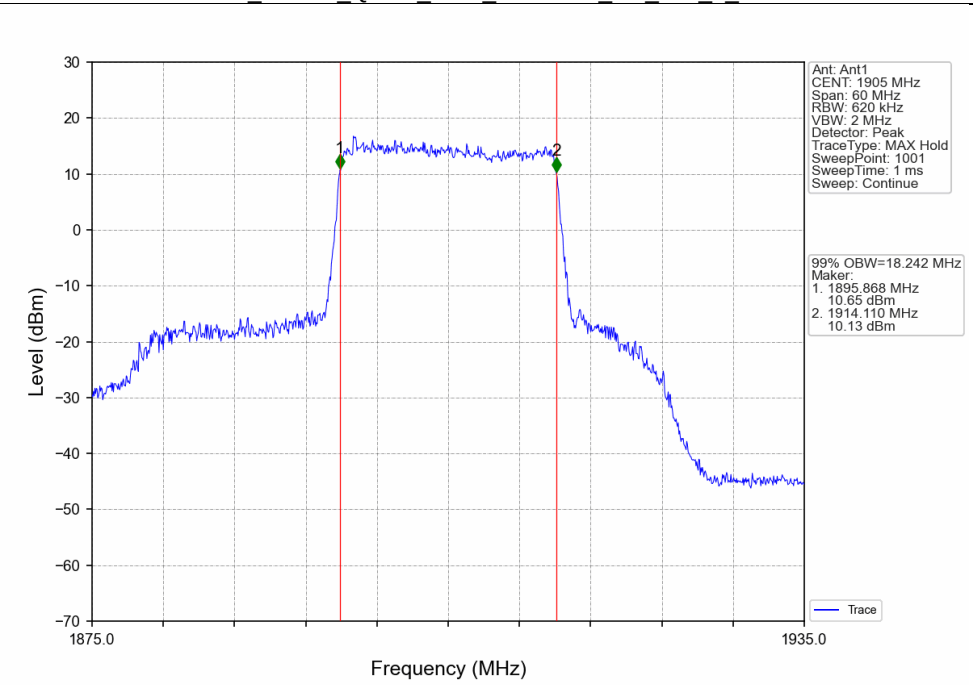
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



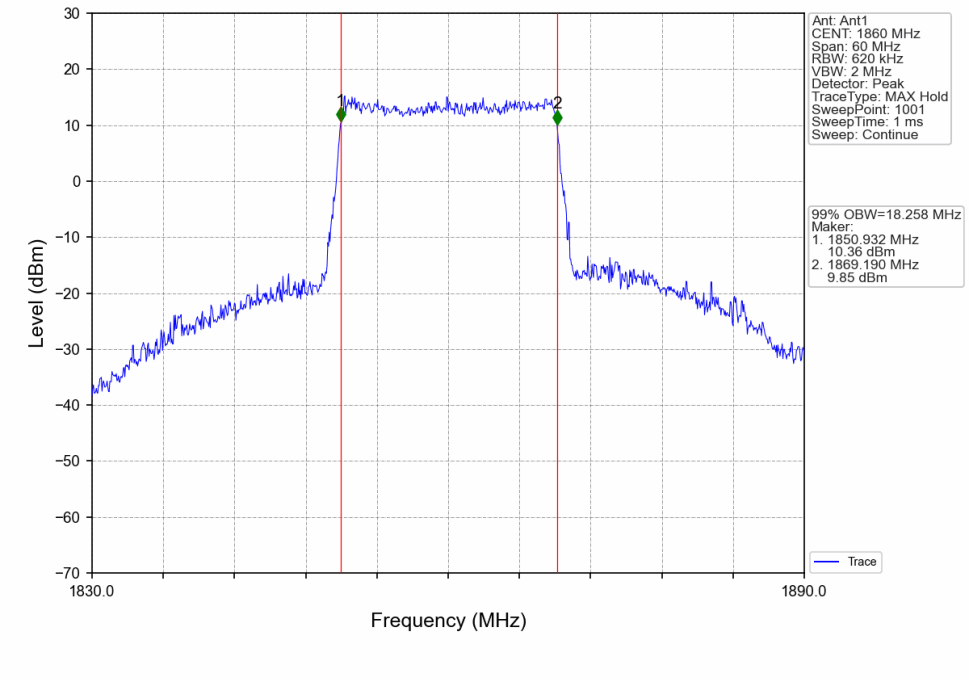
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



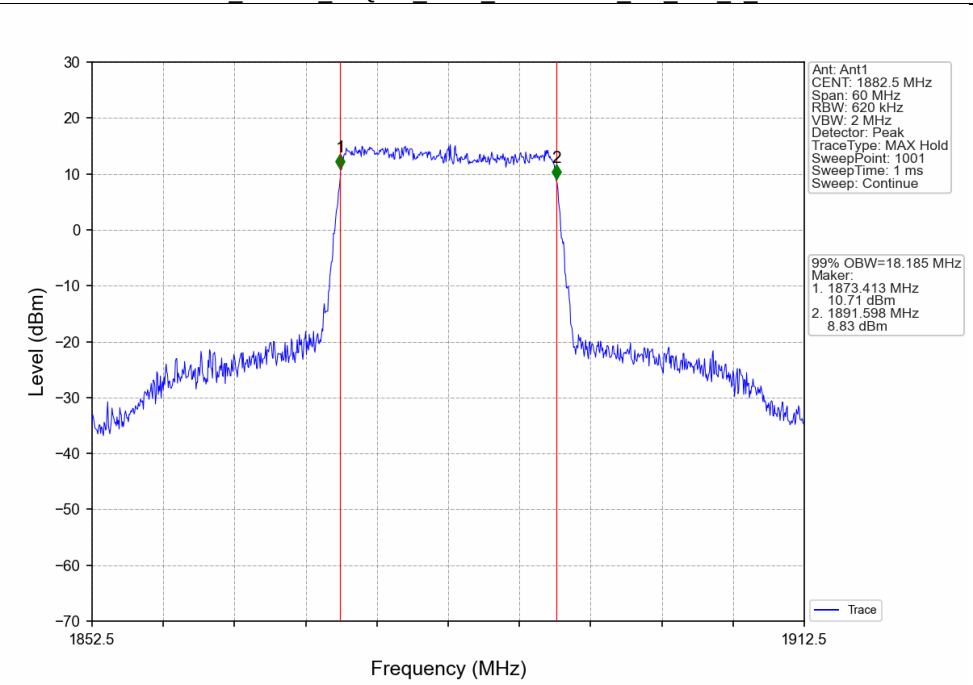
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



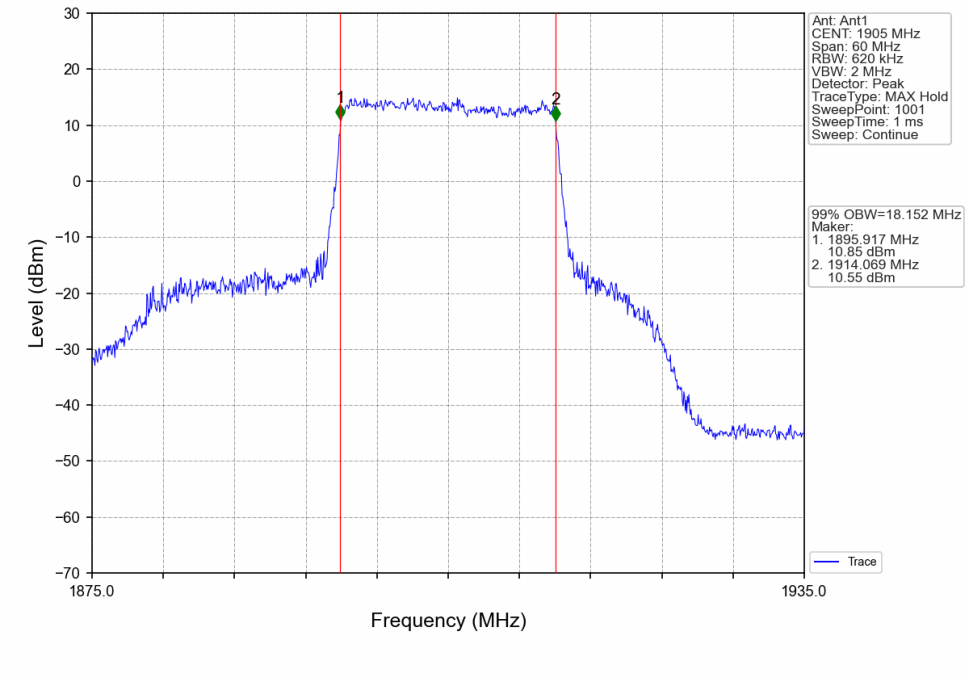
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



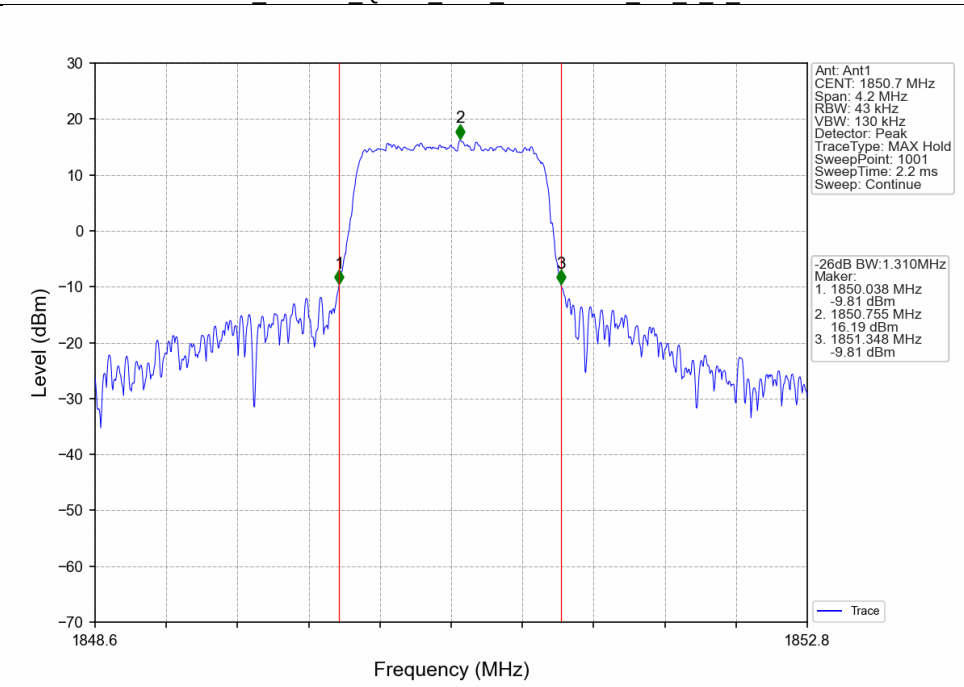
4.2 Band25_XDB

4.2.1 Test Result

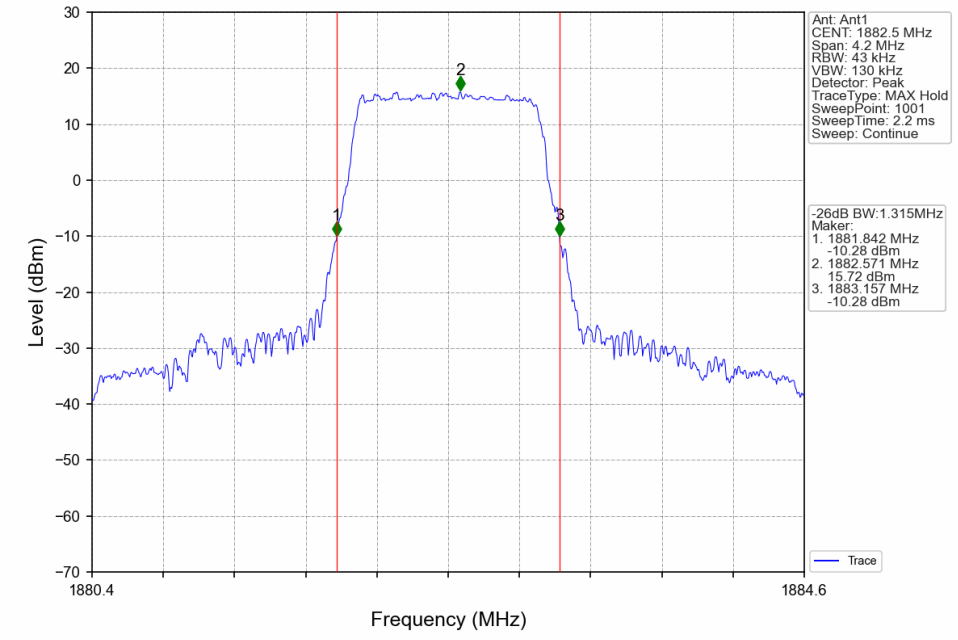
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.310	Pass
		1882.5	6	0	1.315	Pass
		1914.3	6	0	1.390	Pass
	16QAM	1850.7	6	0	1.315	Pass
		1882.5	6	0	1.311	Pass
		1914.3	6	0	1.333	Pass
3	QPSK	1851.5	15	0	2.996	Pass
		1882.5	15	0	2.990	Pass
		1913.5	15	0	2.982	Pass
	16QAM	1851.5	15	0	2.986	Pass
		1882.5	15	0	2.970	Pass
		1913.5	15	0	3.024	Pass
5	QPSK	1852.5	25	0	5.262	Pass
		1882.5	25	0	5.246	Pass
		1912.5	25	0	5.265	Pass
	16QAM	1852.5	25	0	5.248	Pass
		1882.5	25	0	5.307	Pass
		1912.5	25	0	5.306	Pass
10	QPSK	1855	50	0	10.267	Pass
		1882.5	50	0	10.213	Pass
		1910	50	0	10.486	Pass
	16QAM	1855	50	0	10.187	Pass
		1882.5	50	0	10.182	Pass
		1910	50	0	10.280	Pass
15	QPSK	1857.5	75	0	15.533	Pass
		1882.5	75	0	15.370	Pass
		1907.5	75	0	15.529	Pass
	16QAM	1857.5	75	0	15.407	Pass
		1882.5	75	0	15.389	Pass
		1907.5	75	0	15.269	Pass
20	QPSK	1860	100	0	20.235	Pass
		1882.5	100	0	20.172	Pass
		1905	100	0	20.056	Pass
	16QAM	1860	100	0	20.305	Pass
		1882.5	100	0	20.178	Pass
		1905	100	0	20.245	Pass

4.2.2 Test Graph

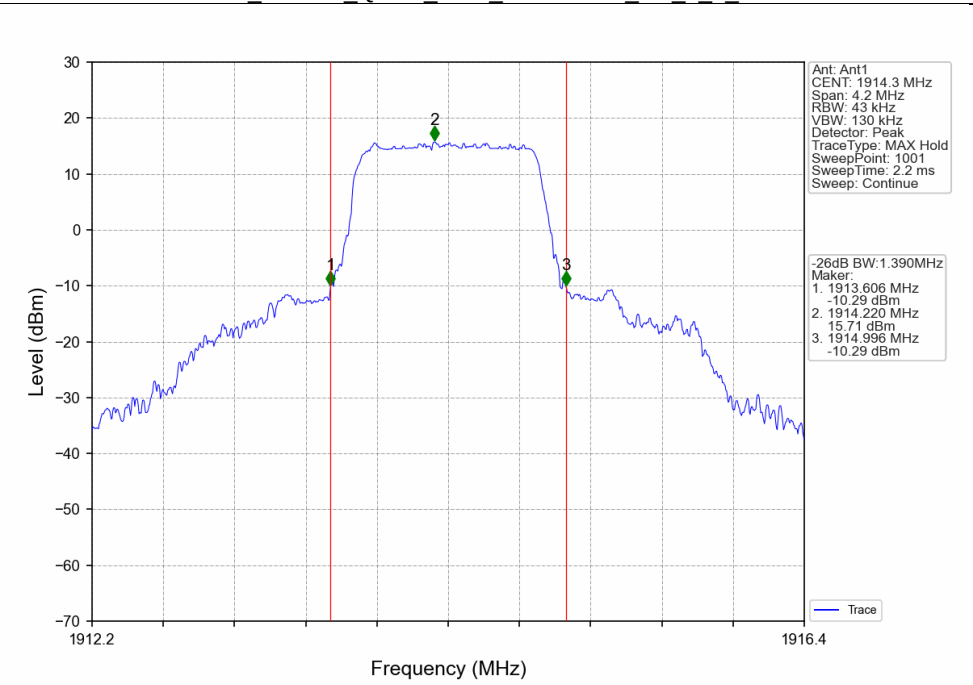
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



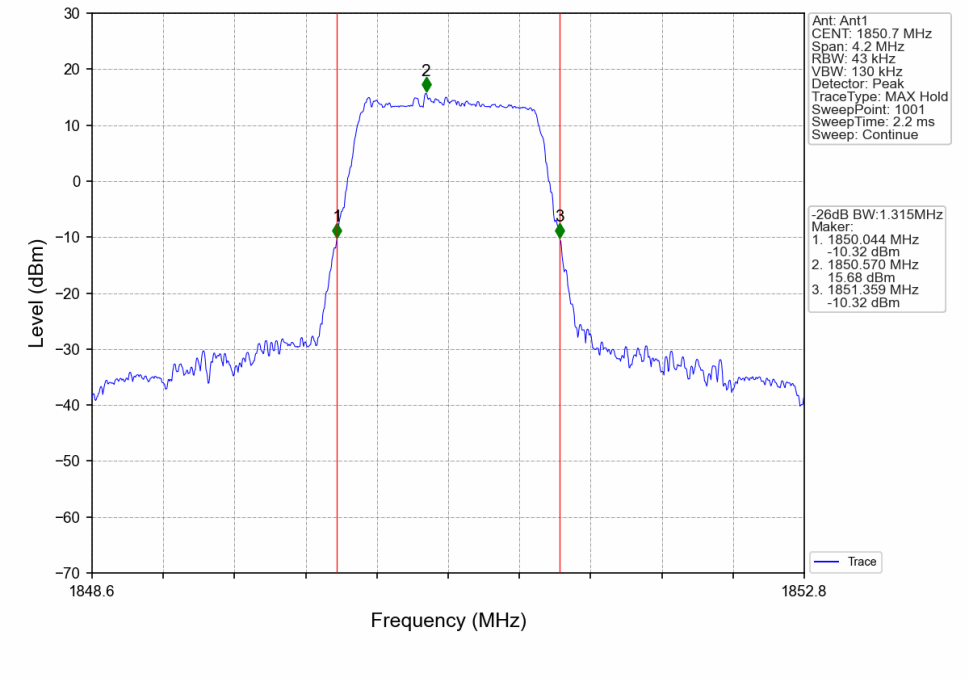
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



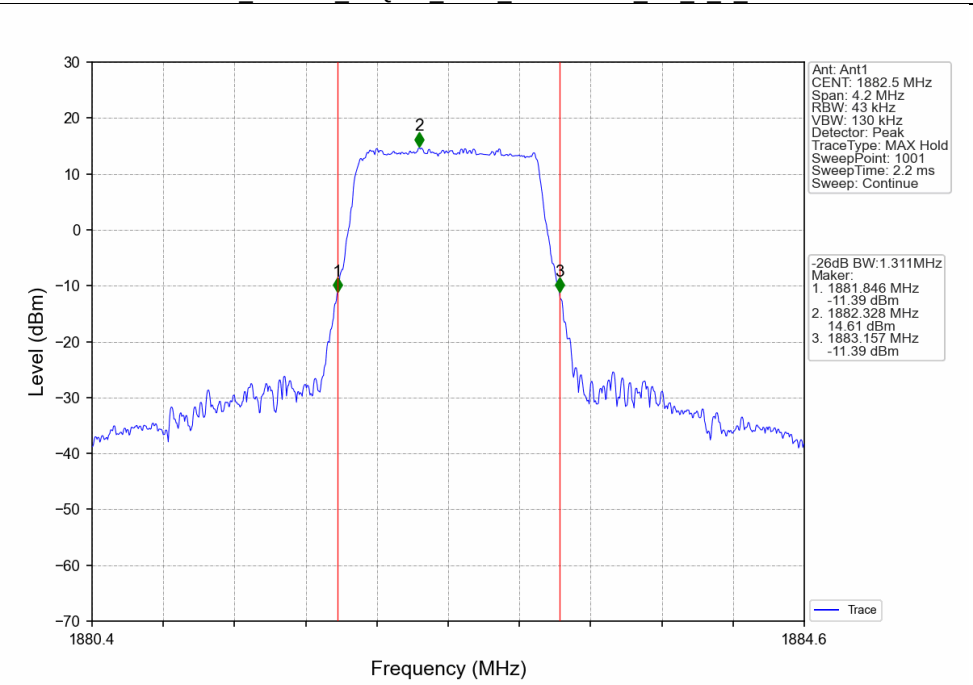
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



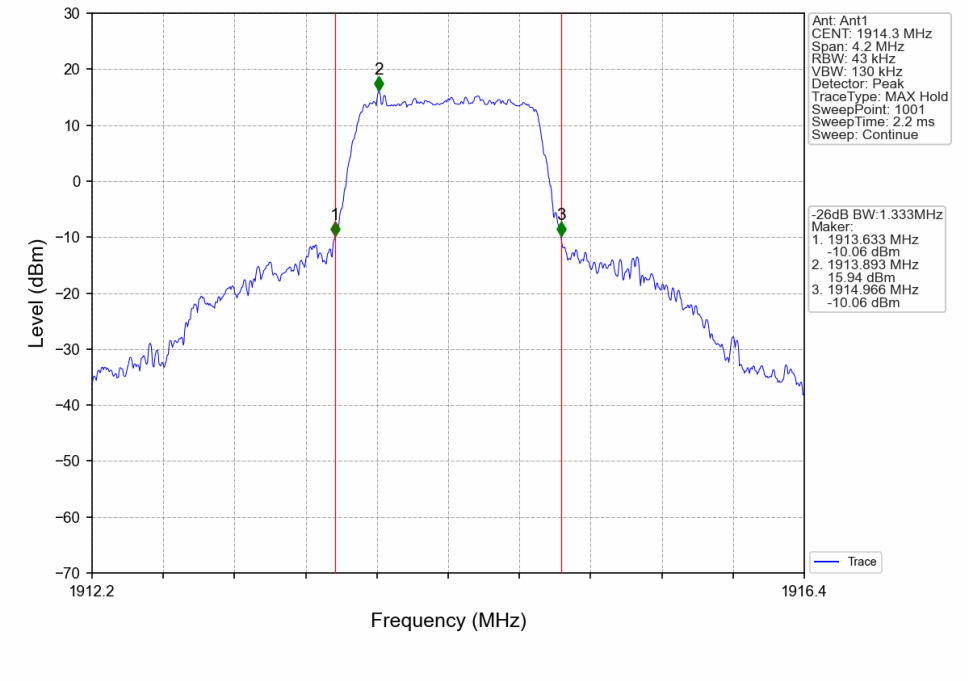
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



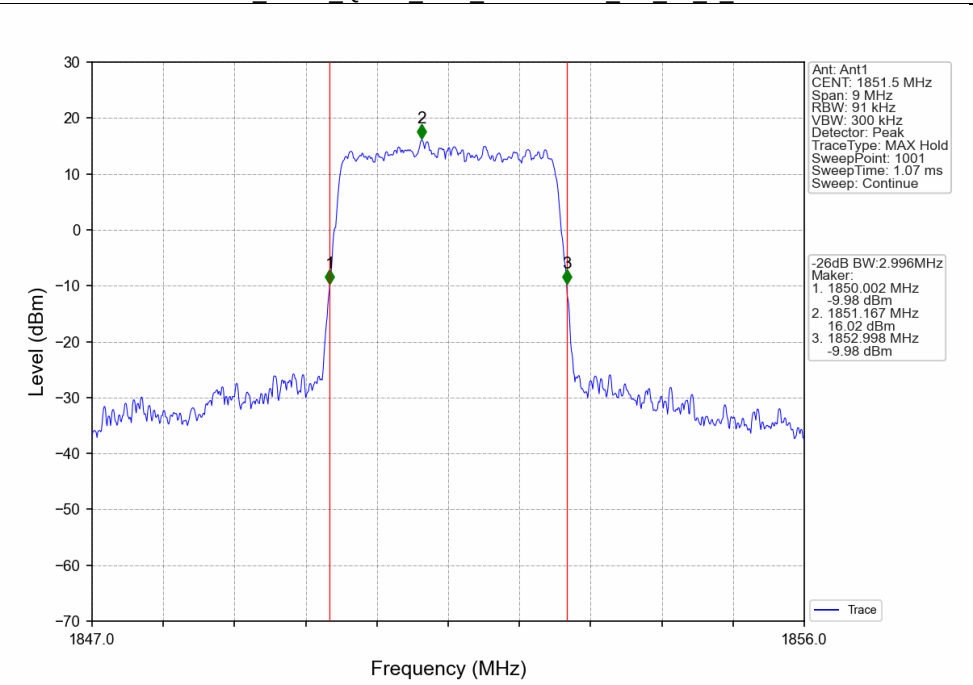
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



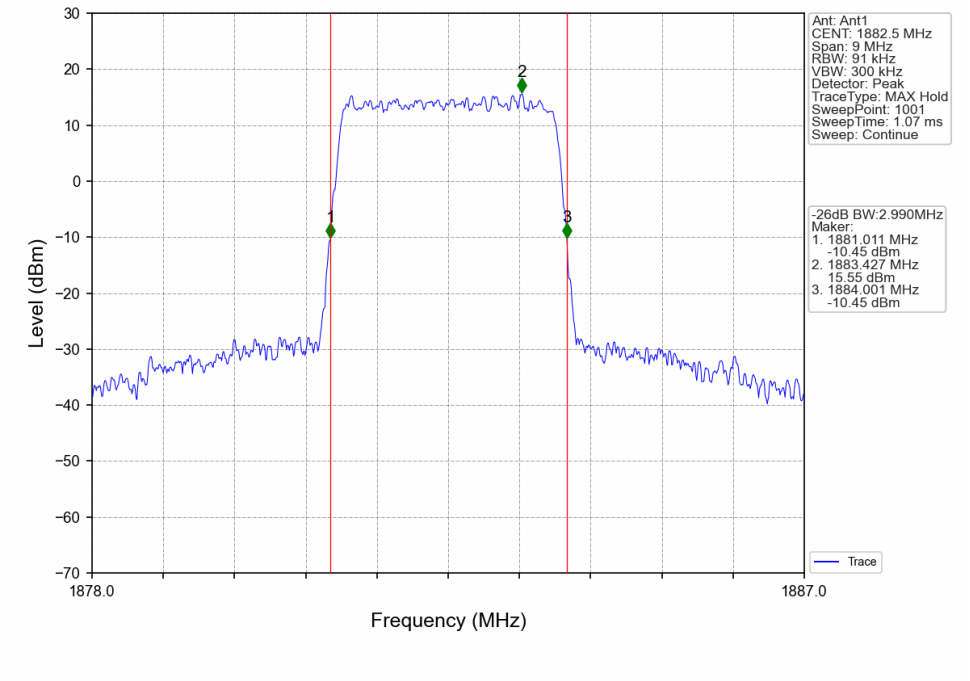
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



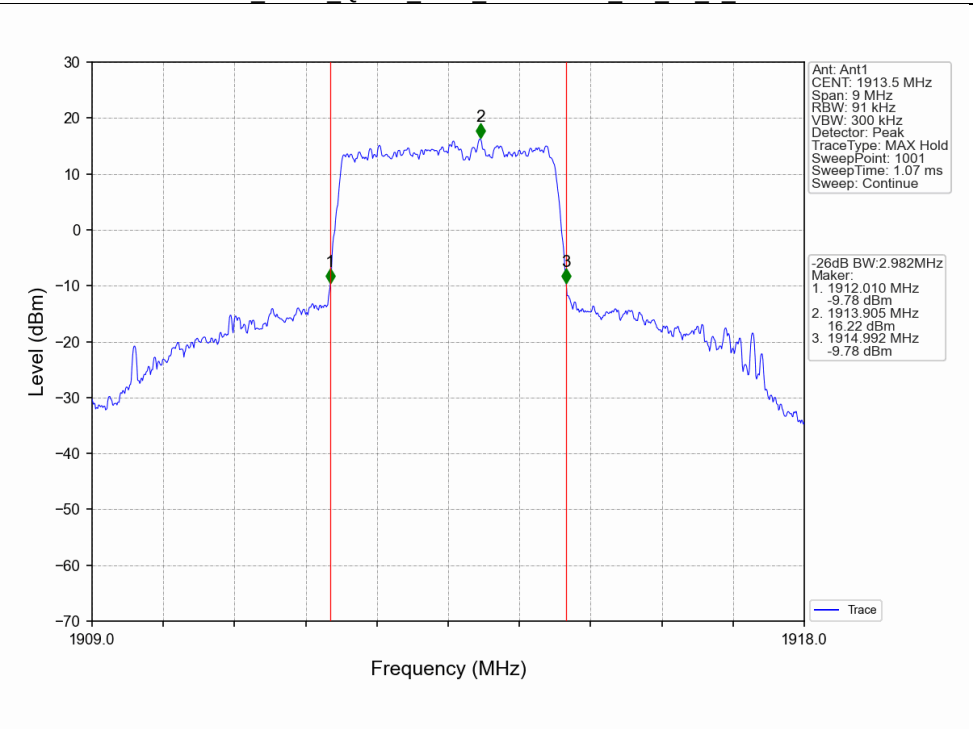
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



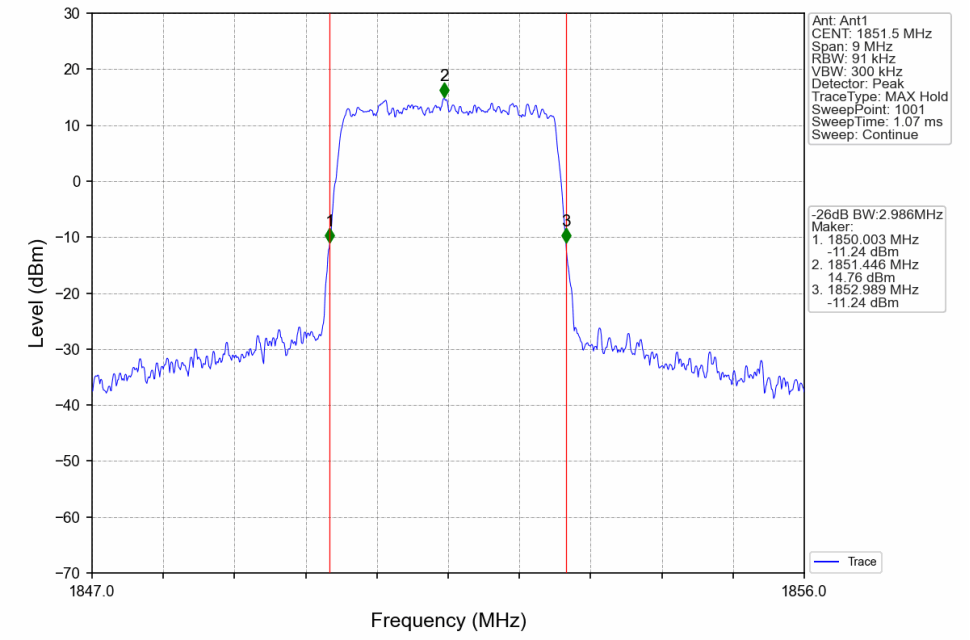
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



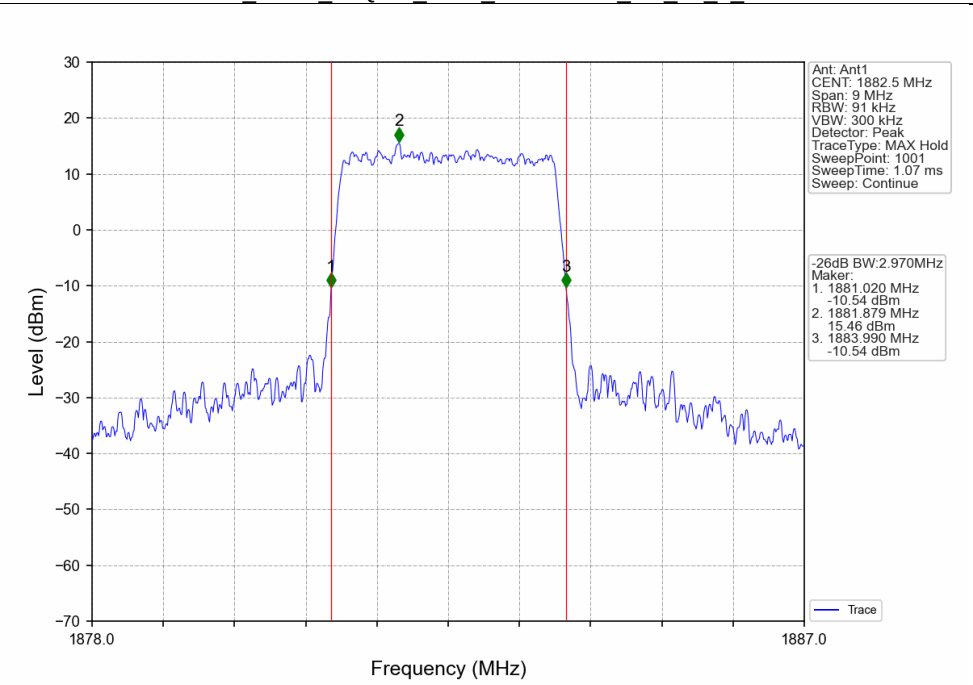
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



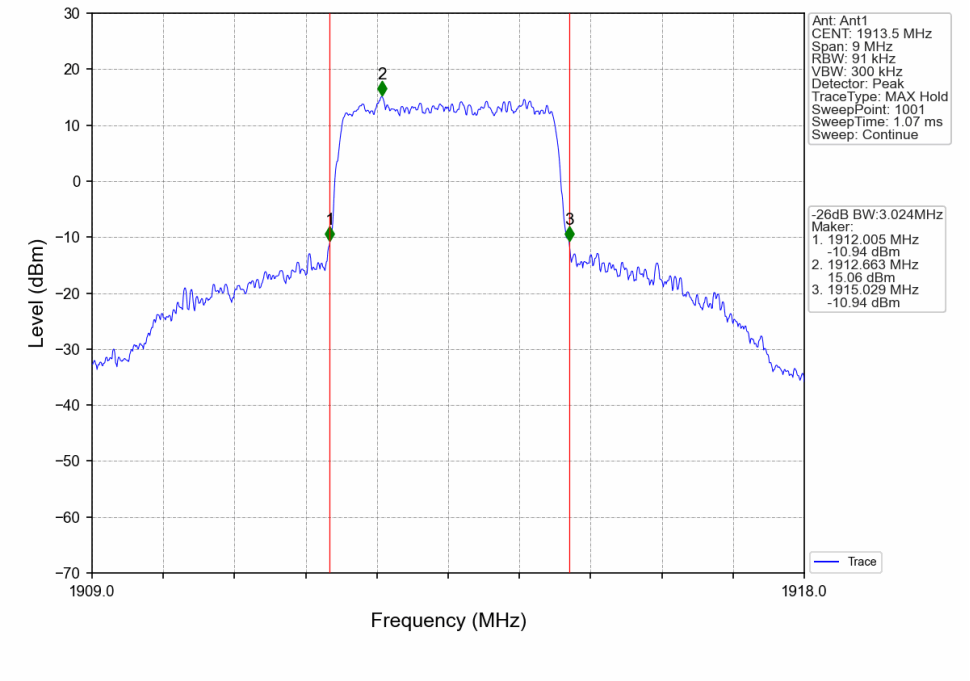
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



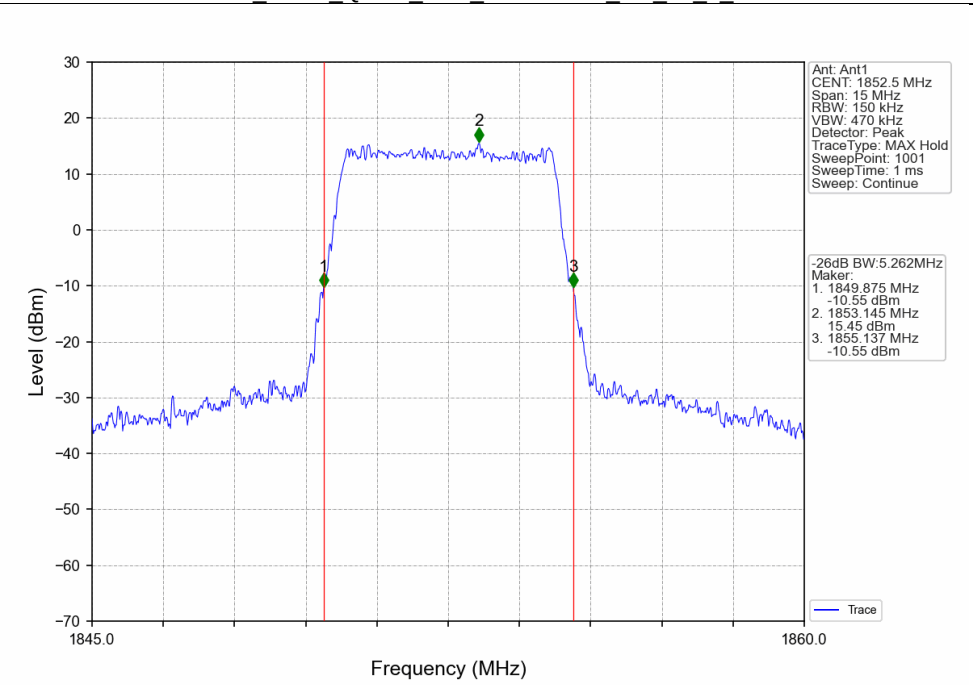
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



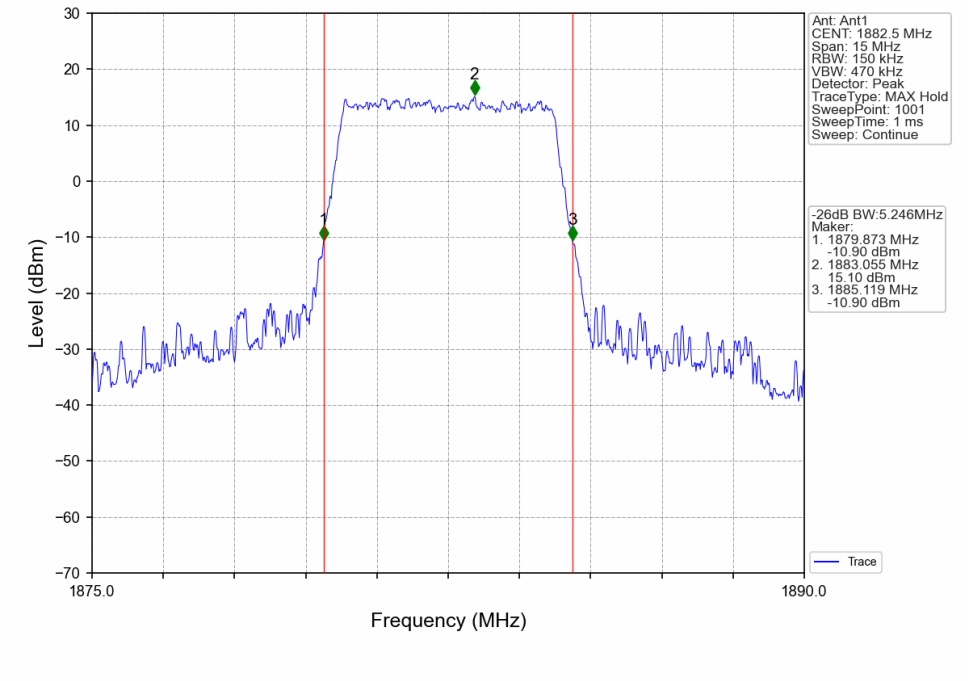
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



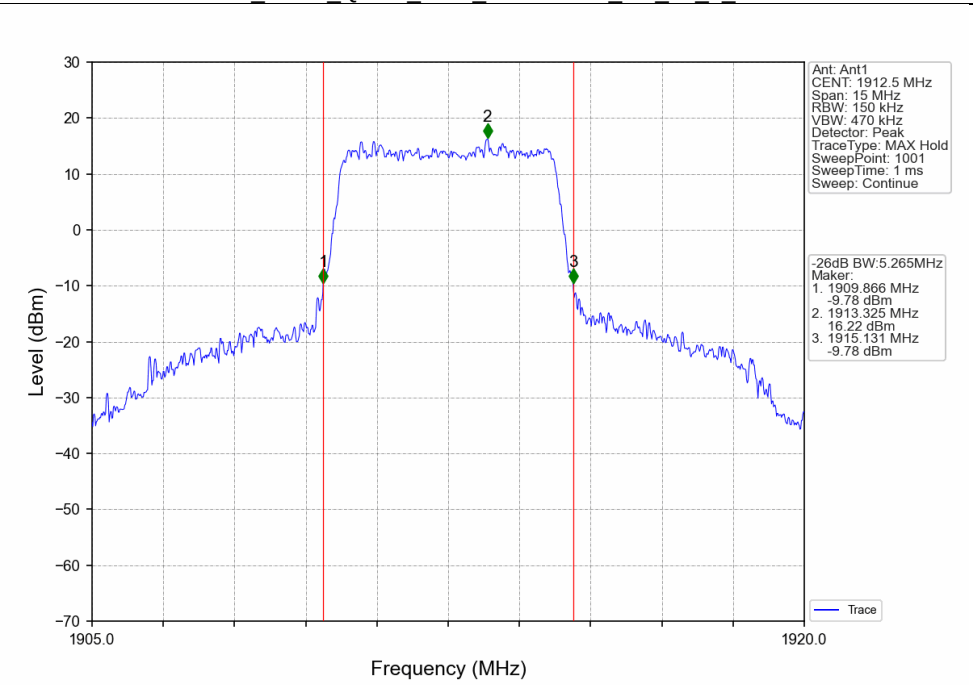
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



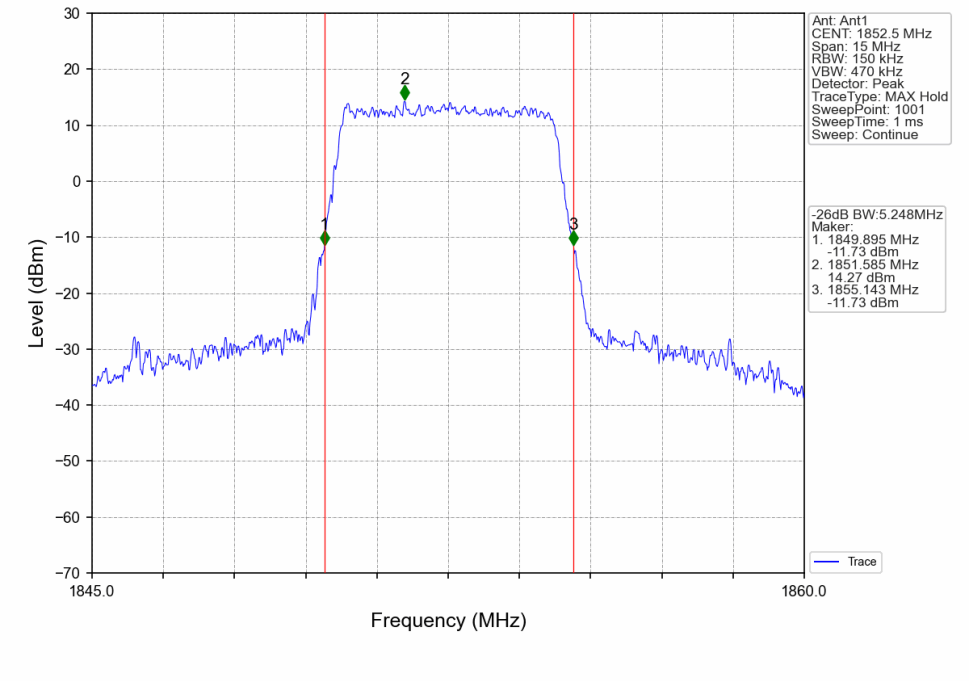
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



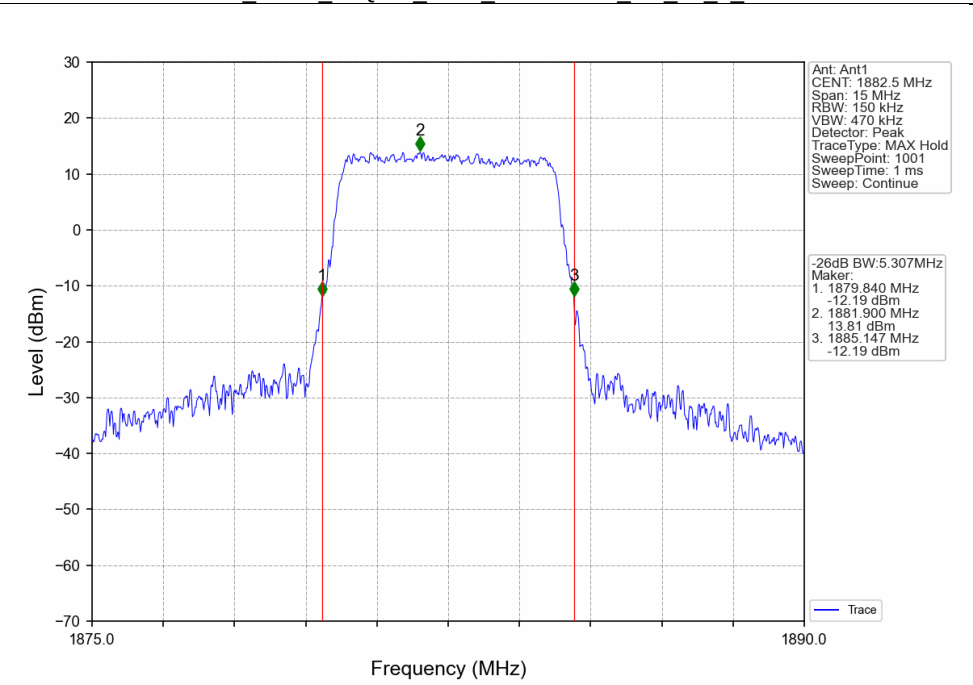
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



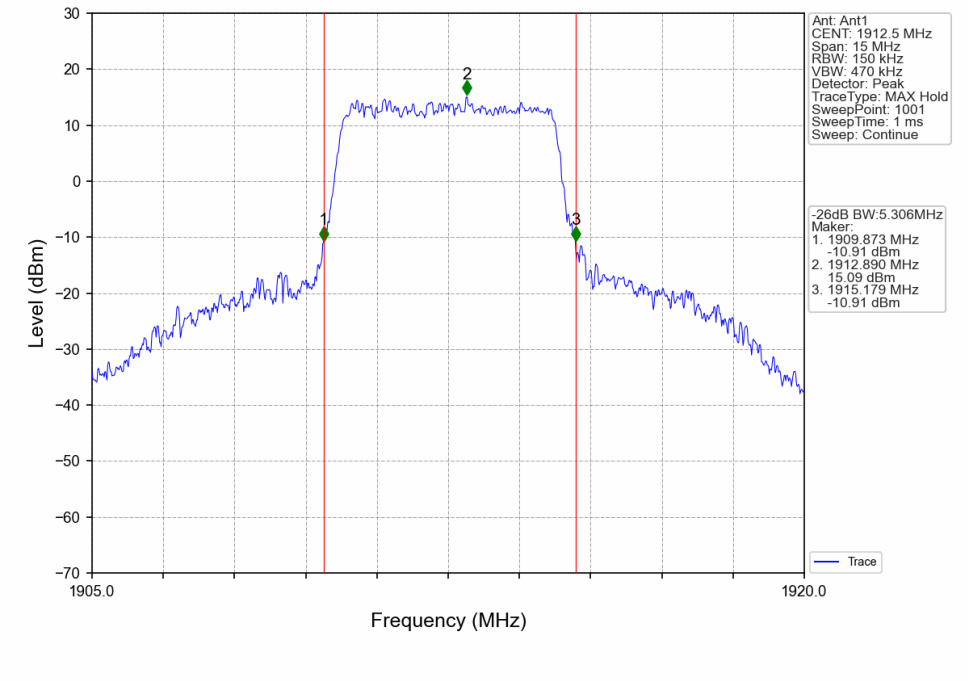
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



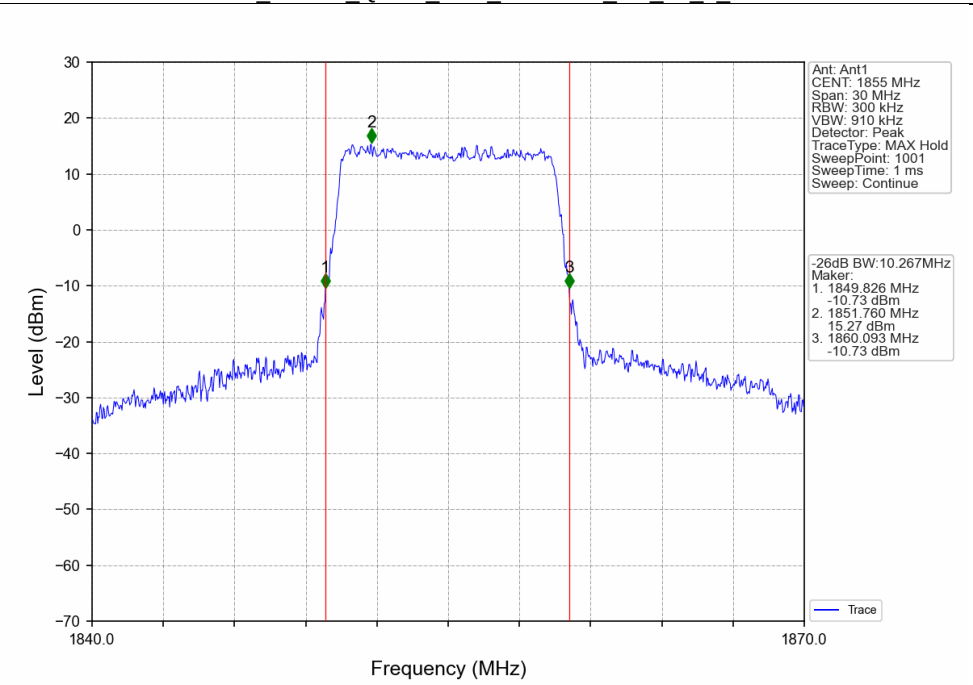
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



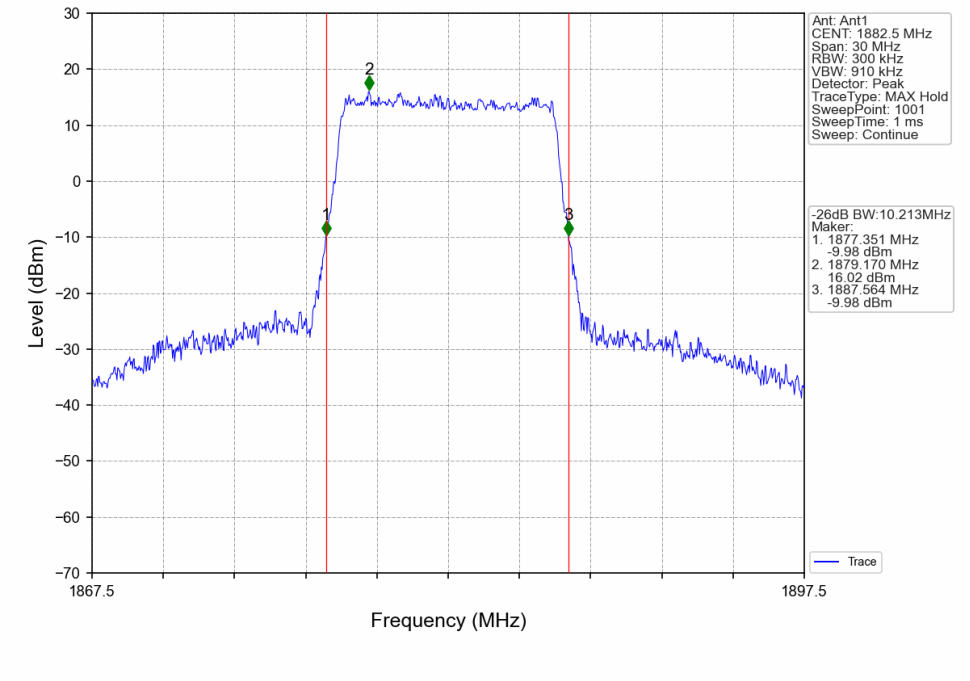
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



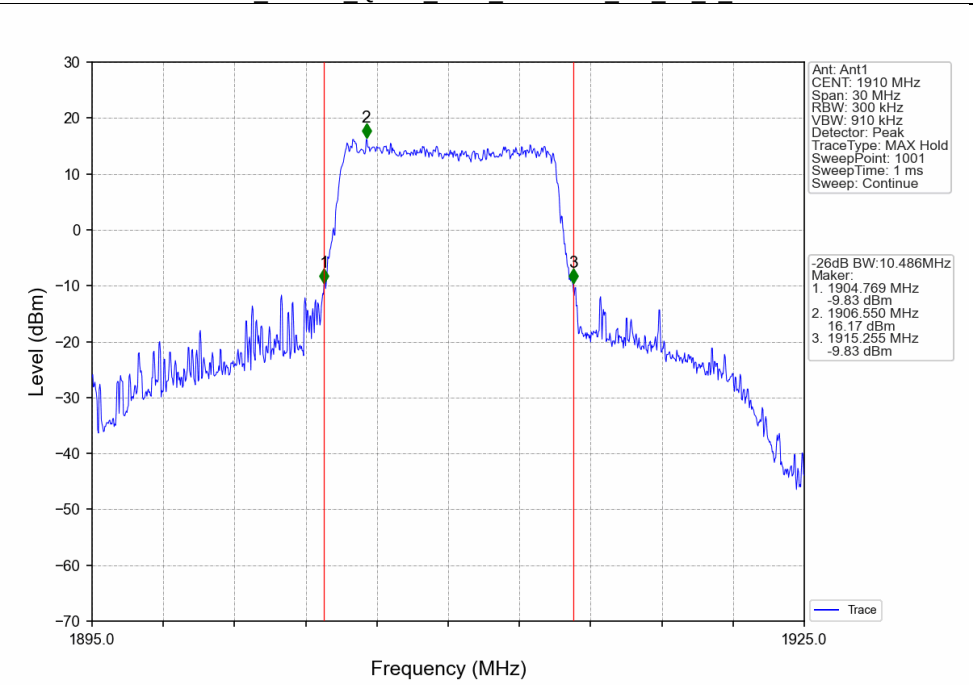
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



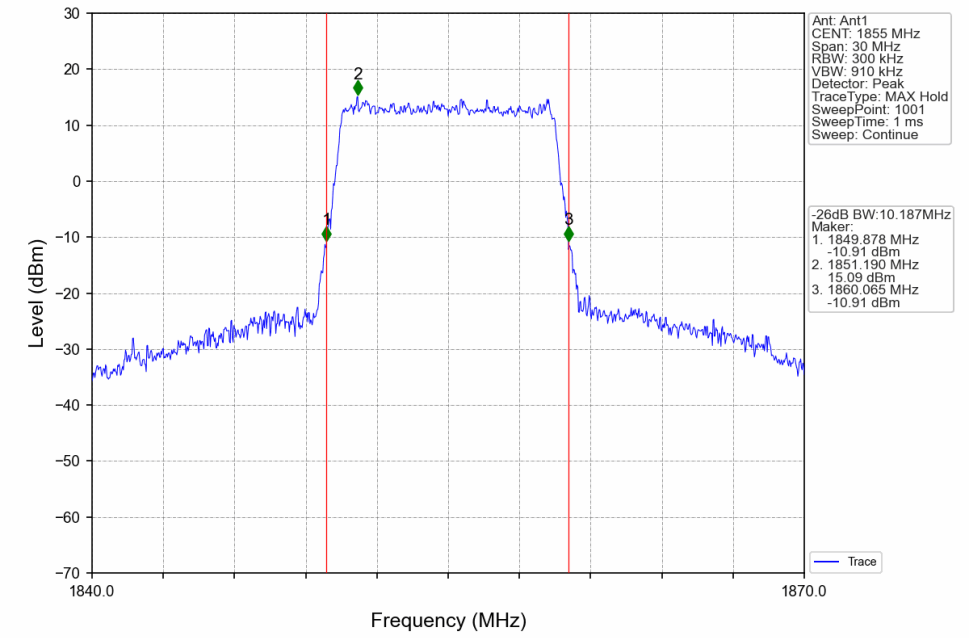
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



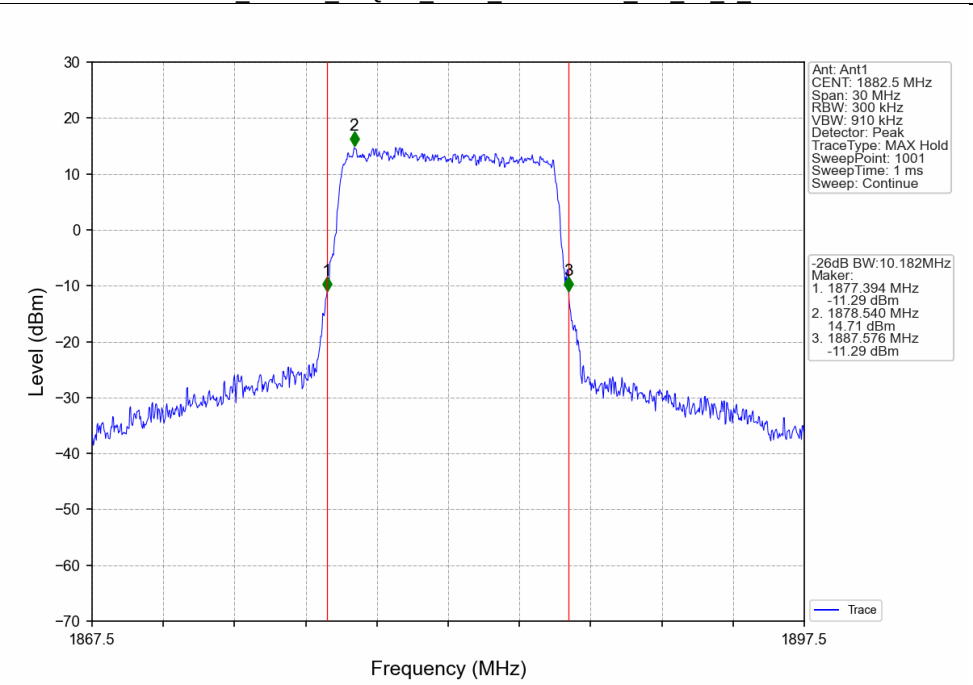
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



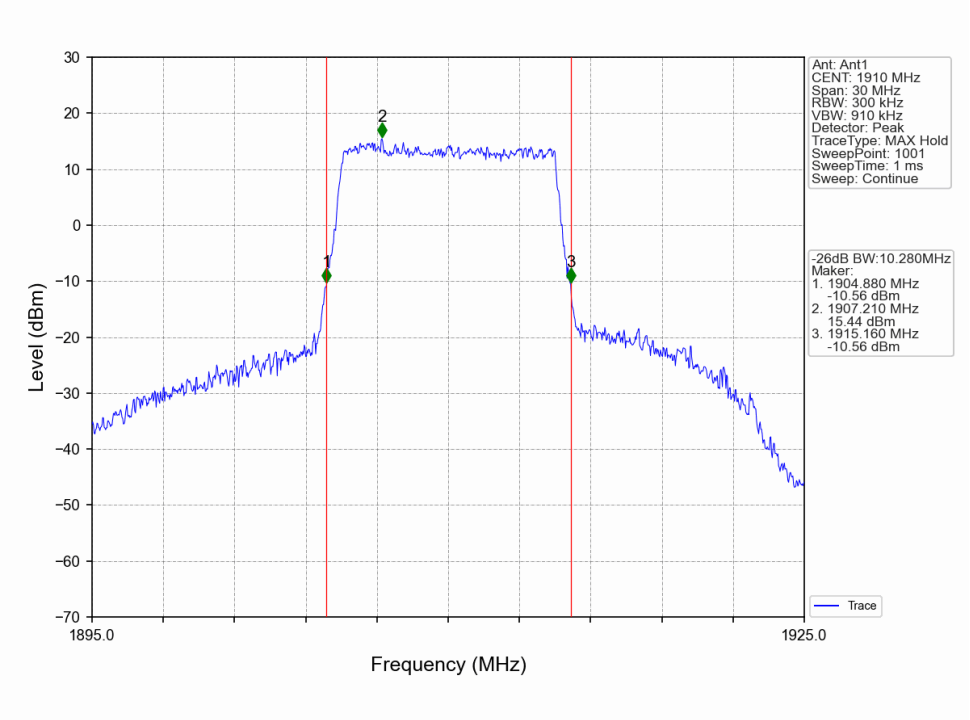
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



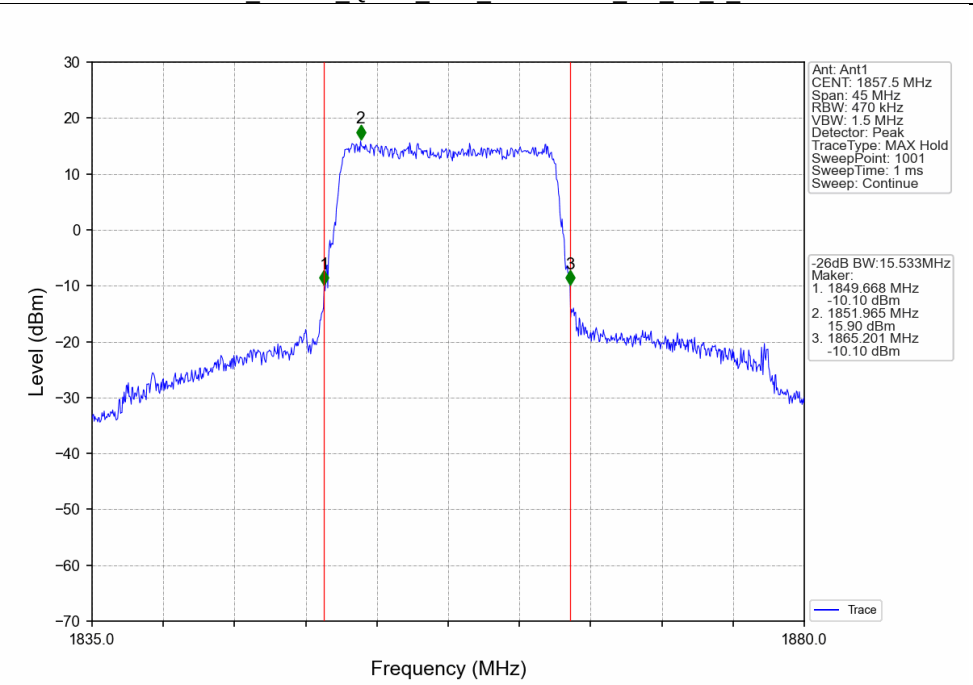
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



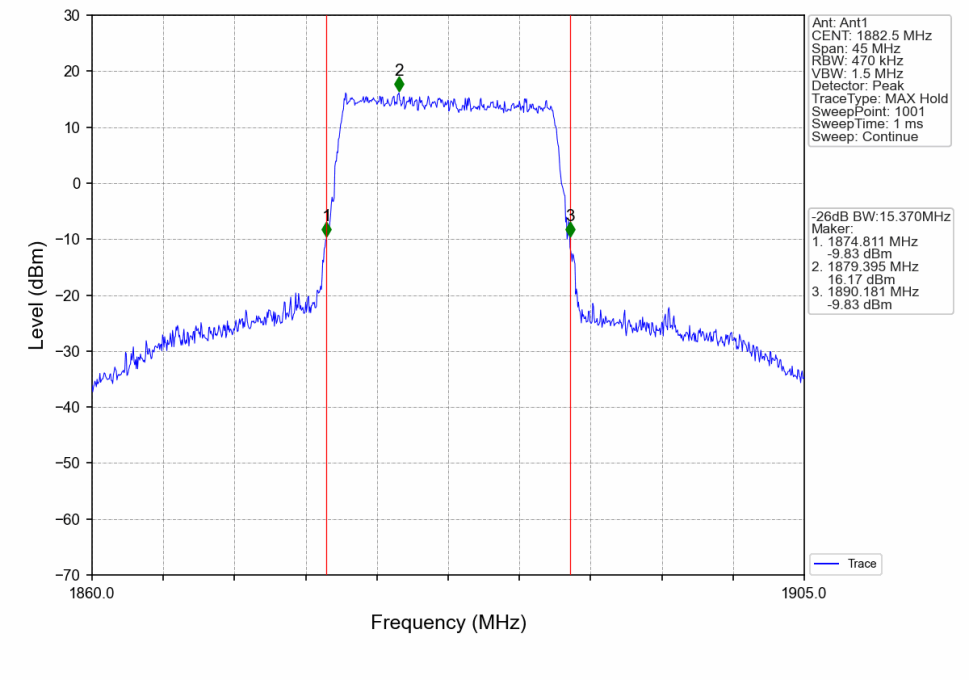
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



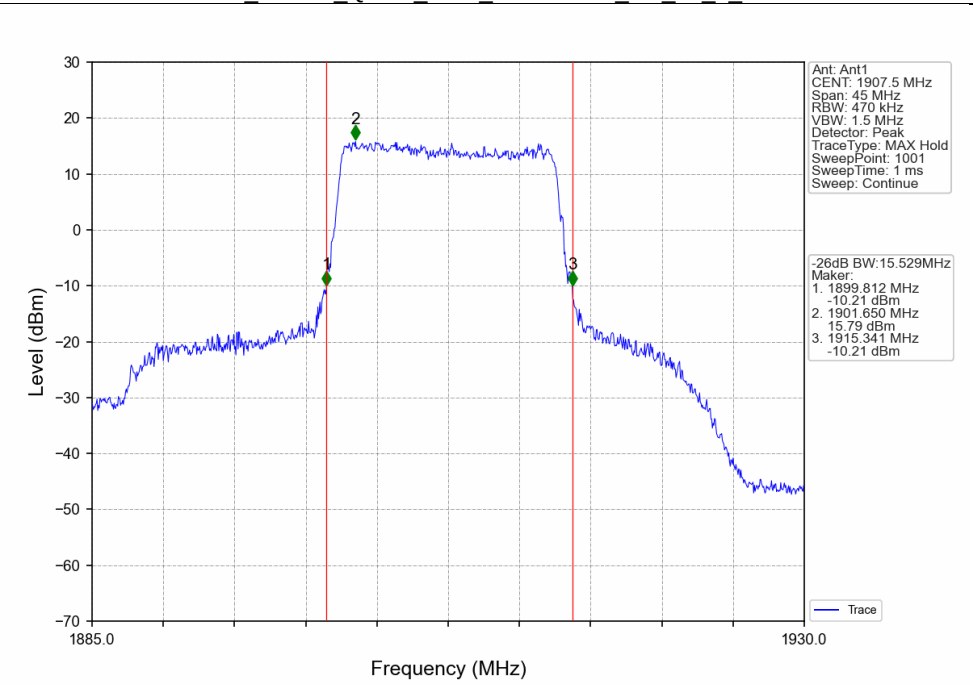
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



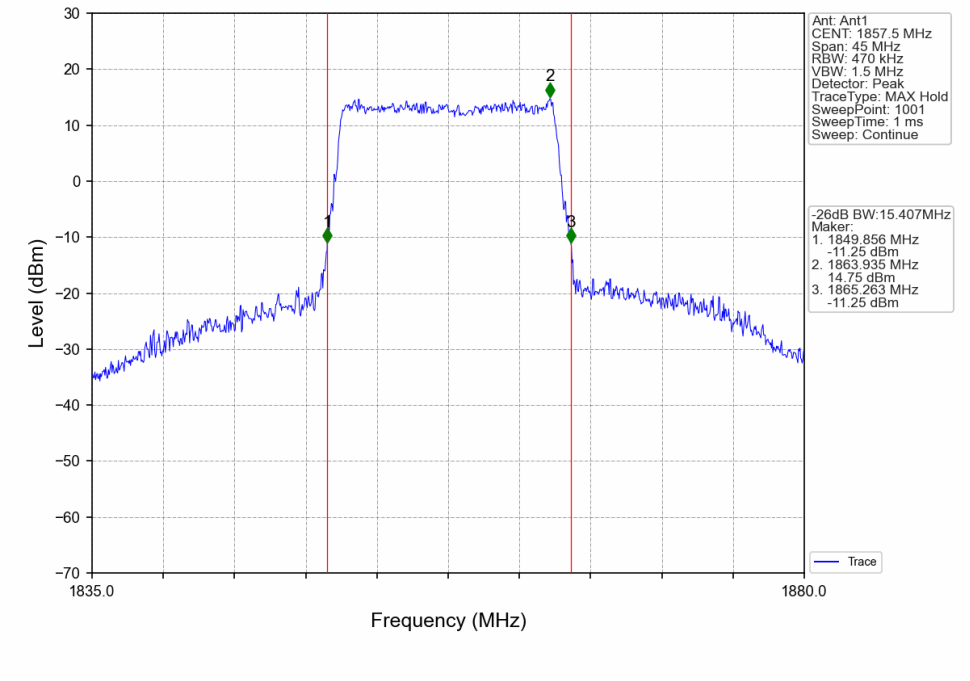
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



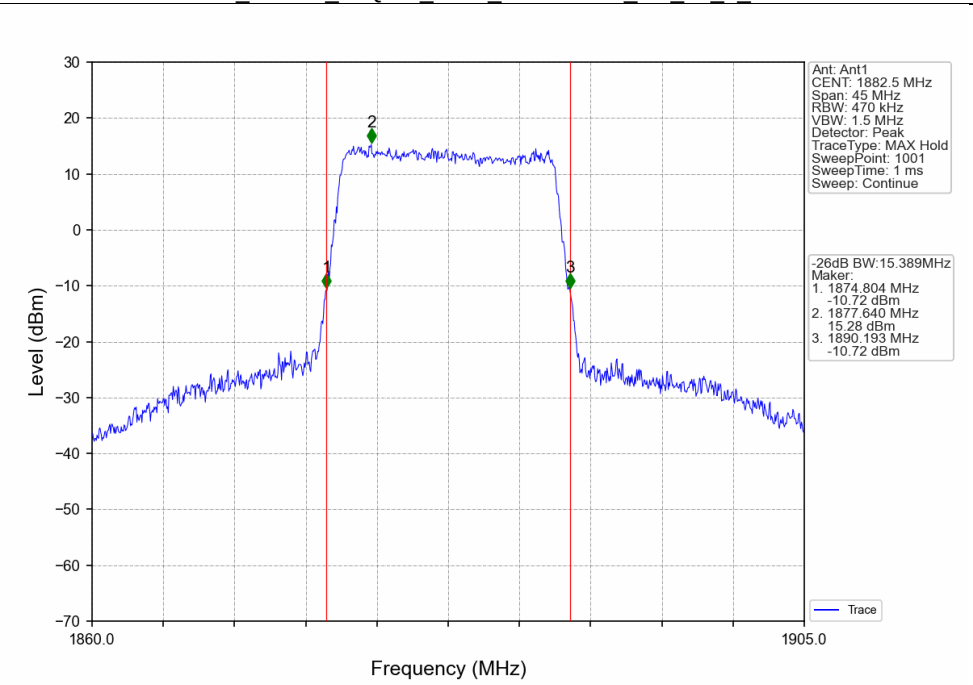
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



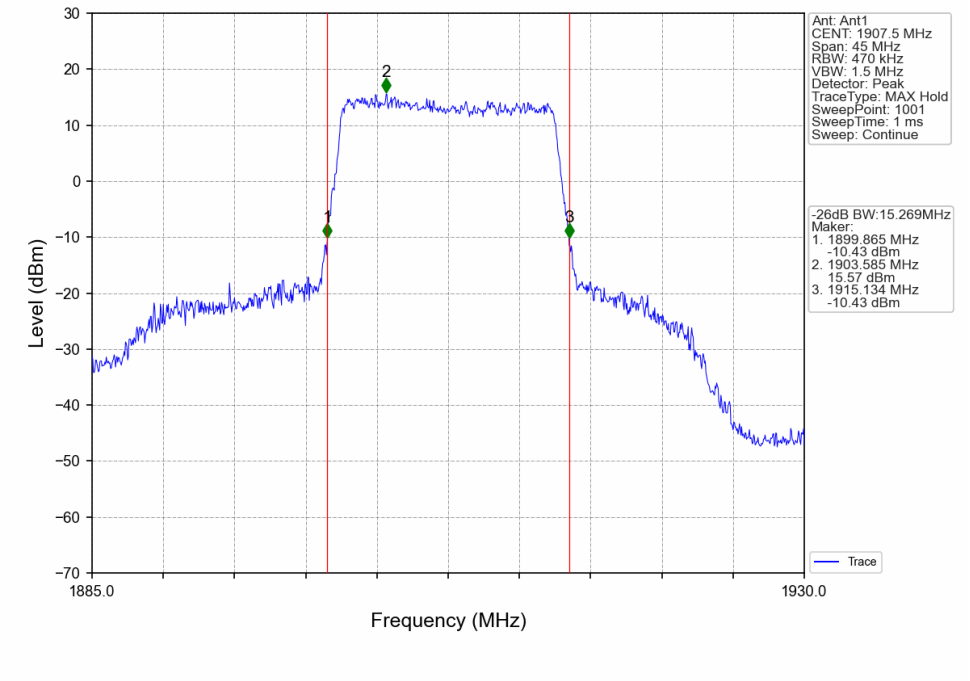
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



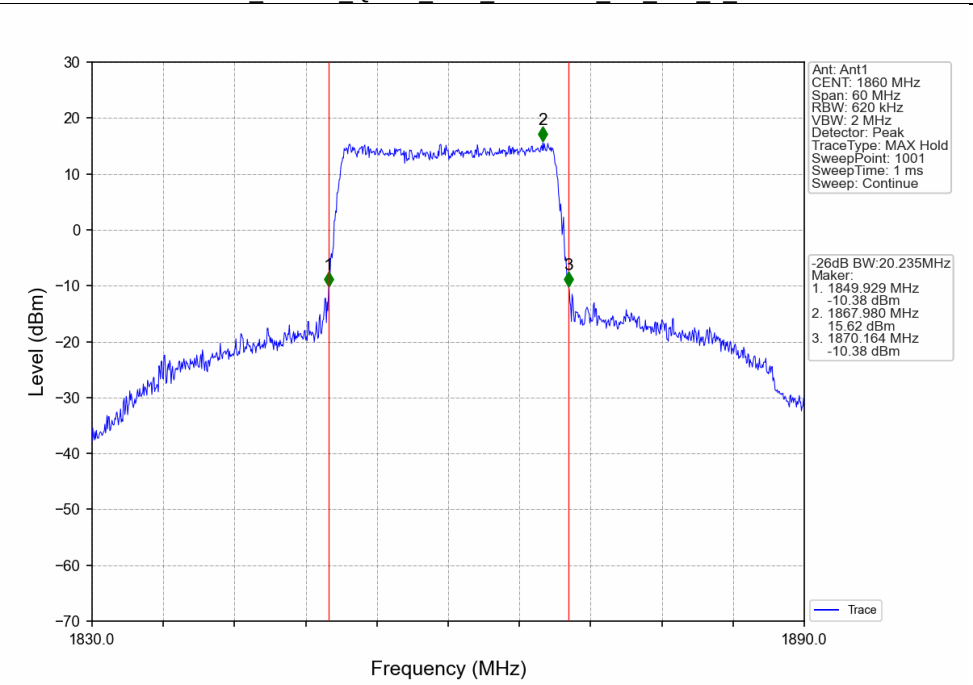
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



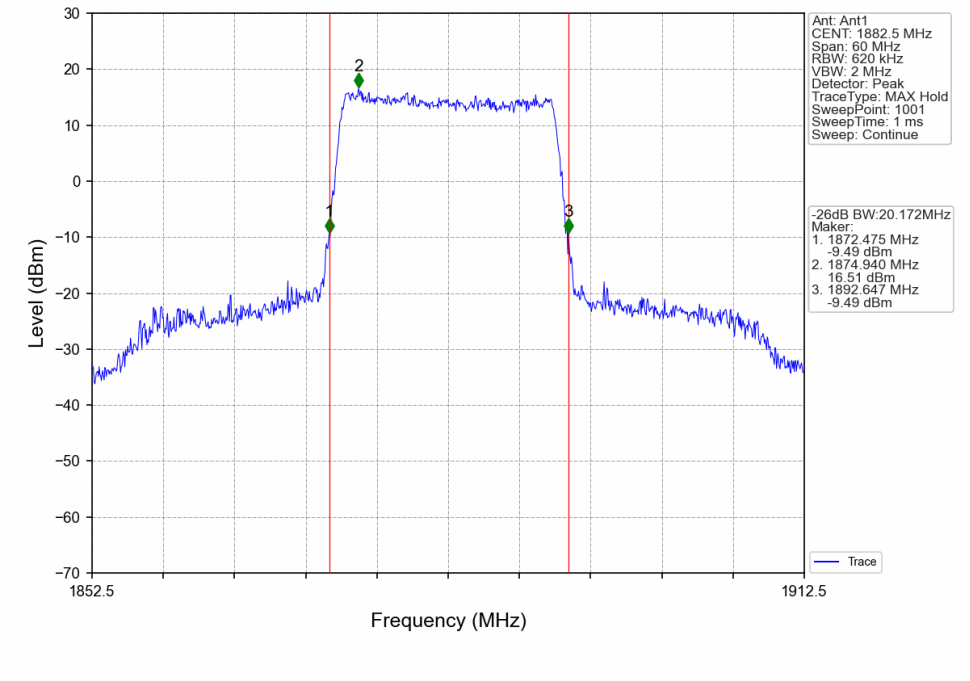
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



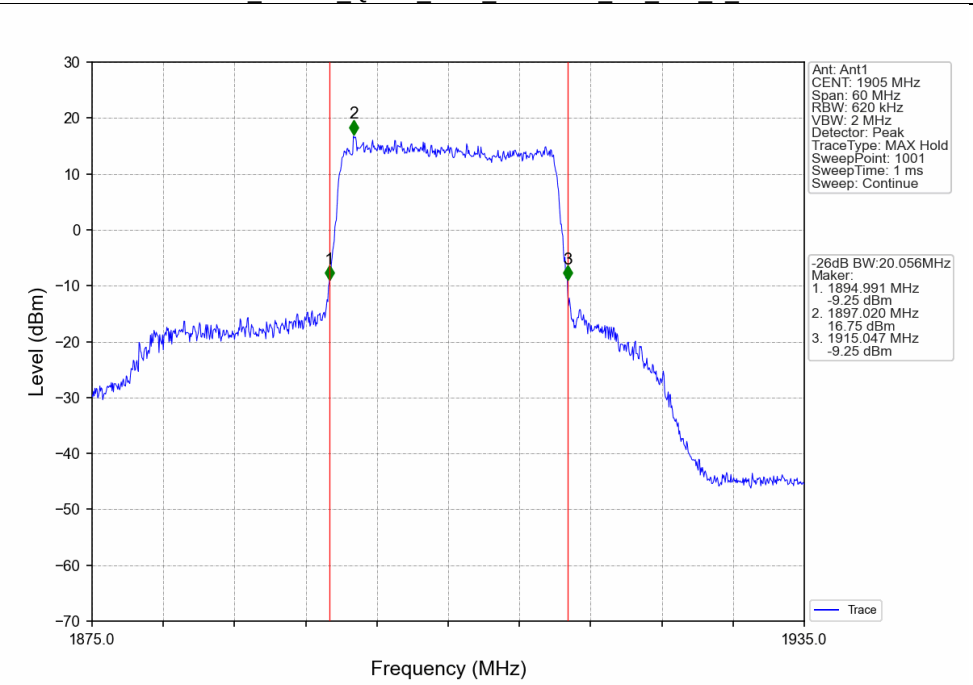
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



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