1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

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	21.79	-1.66	20.13	<=33.01	Pass
			2	21.80	-1.66	20.14	<=33.01	Pass
			5	21.78	-1.66	20.12	<=33.01	Pass
		3	0	21.83	-1.66	20.17	<=33.01	Pass
			2	21.83	-1.66	20.17	<=33.01	Pass
			3	21.82	-1.66	20.16	<=33.01	Pass
		6	0	21.81	-1.66	20.15	<=33.01	Pass
	1882.5	1	0	21.60	-1.66	19.94	<=33.01	Pass
			2	21.61	-1.66	19.95	<=33.01	Pass
			5	21.61	-1.66	19.95	<=33.01	Pass
		3	0	21.60	-1.66	19.94	<=33.01	Pass
			2	21.62	-1.66	19.96	<=33.01	Pass
			3	21.61	-1.66	19.95	<=33.01	Pass
		6	0	21.61	-1.66	19.95	<=33.01	Pass
	1914.3	1	0	21.06	-1.66	19.40	<=33.01	Pass
			2	21.07	-1.66	19.41	<=33.01	Pass
			5	21.06	-1.66	19.40	<=33.01	Pass
		3	0	21.05	-1.66	19.39	<=33.01	Pass
			2	21.04	-1.66	19.38	<=33.01	Pass
			3	21.07	-1.66	19.41	<=33.01	Pass
		6	0	21.06	-1.66	19.40	<=33.01	Pass
16QAM	1850.7	1	0	21.84	-1.66	20.18	<=33.01	Pass
			2	21.82	-1.66	20.16	<=33.01	Pass
			5	21.85	-1.66	20.19	<=33.01	Pass
		3	0	21.85	-1.66	20.19	<=33.01	Pass
			2	21.82	-1.66	20.16	<=33.01	Pass
			3	21.84	-1.66	20.18	<=33.01	Pass
		6	0	21.81	-1.66	20.15	<=33.01	Pass
	1882.5	1	0	21.64	-1.66	19.98	<=33.01	Pass
			2	21.65	-1.66	19.99	<=33.01	Pass
			5	21.62	-1.66	19.96	<=33.01	Pass
		3	0	21.60	-1.66	19.94	<=33.01	Pass
			2	21.61	-1.66	19.95	<=33.01	Pass
			3	21.61	-1.66	19.95	<=33.01	Pass
		6	0	21.61	-1.66	19.95	<=33.01	Pass
	1914.3	1	0	21.05	-1.66	19.39	<=33.01	Pass
			2	21.02	-1.66	19.36	<=33.01	Pass
			5	20.98	-1.66	19.32	<=33.01	Pass
		3	0	21.00	-1.66	19.34	<=33.01	Pass
			2	20.97	-1.66	19.31	<=33.01	Pass
			3	20.95	-1.66	19.29	<=33.01	Pass
		6	0	20.90	-1.66	19.24	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B25_3MHz_EIRP

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	22.54	-1.66	20.88	<=33.01	Pass
			7	22.64	-1.66	20.98	<=33.01	Pass
			14	22.48	-1.66	20.82	<=33.01	Pass
		8	0	21.81	-1.66	20.15	<=33.01	Pass
			4	21.80	-1.66	20.14	<=33.01	Pass
			7	21.72	-1.66	20.06	<=33.01	Pass
		15	0	21.72	-1.66	20.06	<=33.01	Pass
	1882.5	1	0	22.30	-1.66	20.64	<=33.01	Pass
			7	22.41	-1.66	20.75	<=33.01	Pass
			14	22.25	-1.66	20.59	<=33.01	Pass
		8	0	21.56	-1.66	19.90	<=33.01	Pass
			4	21.60	-1.66	19.94	<=33.01	Pass
			7	21.50	-1.66	19.84	<=33.01	Pass
		15	0	21.56	-1.66	19.90	<=33.01	Pass
	1913.5	1	0	21.83	-1.66	20.17	<=33.01	Pass
			7	21.95	-1.66	20.29	<=33.01	Pass
			14	21.78	-1.66	20.12	<=33.01	Pass
		8	0	20.97	-1.66	19.31	<=33.01	Pass
			4	21.02	-1.66	19.36	<=33.01	Pass
			7	20.98	-1.66	19.32	<=33.01	Pass
		15	0	20.92	-1.66	19.26	<=33.01	Pass
16QAM	1851.5	1	0	21.67	-1.66	20.01	<=33.01	Pass
			7	21.80	-1.66	20.14	<=33.01	Pass
			14	21.63	-1.66	19.97	<=33.01	Pass
		8	0	20.75	-1.66	19.09	<=33.01	Pass
			4	20.77	-1.66	19.11	<=33.01	Pass
			7	20.66	-1.66	19.00	<=33.01	Pass
		15	0	20.72	-1.66	19.06	<=33.01	Pass
	1882.5	1	0	21.92	-1.66	20.26	<=33.01	Pass
			7	22.00	-1.66	20.34	<=33.01	Pass
			14	21.82	-1.66	20.16	<=33.01	Pass
		8	0	20.72	-1.66	19.06	<=33.01	Pass
			4	20.78	-1.66	19.12	<=33.01	Pass
			7	20.74	-1.66	19.08	<=33.01	Pass
		15	0	20.62	-1.66	18.96	<=33.01	Pass
	1913.5	1	0	20.79	-1.66	19.13	<=33.01	Pass
			7	20.91	-1.66	19.25	<=33.01	Pass
			14	20.78	-1.66	19.12	<=33.01	Pass
		8	0	20.04	-1.66	18.38	<=33.01	Pass
			4	20.08	-1.66	18.42	<=33.01	Pass
			7	19.97	-1.66	18.31	<=33.01	Pass
		15	0	19.98	-1.66	18.32	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B25_5MHz_EIRP

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	22.77	-1.66	21.11	<=33.01	Pass
			13	22.93	-1.66	21.27	<=33.01	Pass
			24	22.75	-1.66	21.09	<=33.01	Pass
		12	0	21.79	-1.66	20.13	<=33.01	Pass
			6	21.84	-1.66	20.18	<=33.01	Pass

			13	21.85	-1.66	20.19	<=33.01	Pass
		25	0	21.81	-1.66	20.15	<=33.01	Pass
	1882.5	1	0	22.64	-1.66	20.98	<=33.01	Pass
			13	22.72	-1.66	21.06	<=33.01	Pass
			24	22.58	-1.66	20.92	<=33.01	Pass
		12	0	21.64	-1.66	19.98	<=33.01	Pass
			6	21.69	-1.66	20.03	<=33.01	Pass
			13	21.67	-1.66	20.01	<=33.01	Pass
		25	0	21.72	-1.66	20.06	<=33.01	Pass
	1912.5	1	0	22.10	-1.66	20.44	<=33.01	Pass
			13	22.19	-1.66	20.53	<=33.01	Pass
			24	22.02	-1.66	20.36	<=33.01	Pass
		12	0	21.08	-1.66	19.42	<=33.01	Pass
			6	21.11	-1.66	19.45	<=33.01	Pass
			13	20.98	-1.66	19.32	<=33.01	Pass
		25	0	21.02	-1.66	19.36	<=33.01	Pass
16QAM	1852.5	1	0	21.88	-1.66	20.22	<=33.01	Pass
			13	22.02	-1.66	20.36	<=33.01	Pass
			24	21.85	-1.66	20.19	<=33.01	Pass
		12	0	20.82	-1.66	19.16	<=33.01	Pass
			6	20.91	-1.66	19.25	<=33.01	Pass
			13	20.83	-1.66	19.17	<=33.01	Pass
		25	0	20.91	-1.66	19.25	<=33.01	Pass
	1882.5	1	0	21.93	-1.66	20.27	<=33.01	Pass
			13	22.01	-1.66	20.35	<=33.01	Pass
			24	21.88	-1.66	20.22	<=33.01	Pass
		12	0	20.71	-1.66	19.05	<=33.01	Pass
			6	20.78	-1.66	19.12	<=33.01	Pass
			13	20.75	-1.66	19.09	<=33.01	Pass
		25	0	20.75	-1.66	19.09	<=33.01	Pass
	1912.5	1	0	20.89	-1.66	19.23	<=33.01	Pass
			13	20.97	-1.66	19.31	<=33.01	Pass
			24	20.81	-1.66	19.15	<=33.01	Pass
		12	0	20.10	-1.66	18.44	<=33.01	Pass
			6	20.11	-1.66	18.45	<=33.01	Pass
			13	19.99	-1.66	18.33	<=33.01	Pass
		25	0	20.09	-1.66	18.43	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B25_10MHz_EIRP

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	22.80	-1.66	21.14	<=33.01	Pass
			25	22.86	-1.66	21.20	<=33.01	Pass
			49	22.83	-1.66	21.17	<=33.01	Pass
		25	0	21.81	-1.66	20.15	<=33.01	Pass
			13	21.88	-1.66	20.22	<=33.01	Pass
			25	21.91	-1.66	20.25	<=33.01	Pass
		50	0	21.83	-1.66	20.17	<=33.01	Pass
	1882.5	1	0	22.78	-1.66	21.12	<=33.01	Pass
			25	22.70	-1.66	21.04	<=33.01	Pass
			49	22.55	-1.66	20.89	<=33.01	Pass
		25	0	21.68	-1.66	20.02	<=33.01	Pass
			13	21.76	-1.66	20.10	<=33.01	Pass
			25	21.71	-1.66	20.05	<=33.01	Pass

		50	0	21.75	-1.66	20.09	<=33.01	Pass
	1910	1	0	22.25	-1.66	20.59	<=33.01	Pass
			25	22.27	-1.66	20.61	<=33.01	Pass
			49	22.16	-1.66	20.50	<=33.01	Pass
		25	0	21.16	-1.66	19.50	<=33.01	Pass
			13	21.19	-1.66	19.53	<=33.01	Pass
			25	21.02	-1.66	19.36	<=33.01	Pass
		50	0	21.13	-1.66	19.47	<=33.01	Pass
16QAM	1855	1	0	21.96	-1.66	20.30	<=33.01	Pass
			25	22.08	-1.66	20.42	<=33.01	Pass
			49	22.04	-1.66	20.38	<=33.01	Pass
		25	0	20.86	-1.66	19.20	<=33.01	Pass
			13	20.92	-1.66	19.26	<=33.01	Pass
			25	20.94	-1.66	19.28	<=33.01	Pass
		50	0	20.88	-1.66	19.22	<=33.01	Pass
	1882.5	1	0	22.35	-1.66	20.69	<=33.01	Pass
			25	22.33	-1.66	20.67	<=33.01	Pass
			49	22.23	-1.66	20.57	<=33.01	Pass
		25	0	20.80	-1.66	19.14	<=33.01	Pass
			13	20.86	-1.66	19.20	<=33.01	Pass
			25	20.83	-1.66	19.17	<=33.01	Pass
		50	0	20.77	-1.66	19.11	<=33.01	Pass
	1910	1	0	21.30	-1.66	19.64	<=33.01	Pass
			25	21.26	-1.66	19.60	<=33.01	Pass
			49	21.08	-1.66	19.42	<=33.01	Pass
		25	0	20.26	-1.66	18.60	<=33.01	Pass
			13	20.31	-1.66	18.65	<=33.01	Pass
			25	20.13	-1.66	18.47	<=33.01	Pass
		50	0	20.16	-1.66	18.50	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B25_15MHz_EIRP

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	22.77	-1.66	21.11	<=33.01	Pass
			38	22.92	-1.66	21.26	<=33.01	Pass
			74	22.85	-1.66	21.19	<=33.01	Pass
		36	0	21.83	-1.66	20.17	<=33.01	Pass
			18	21.90	-1.66	20.24	<=33.01	Pass
			39	21.95	-1.66	20.29	<=33.01	Pass
		75	0	21.90	-1.66	20.24	<=33.01	Pass
	1882.5	1	0	22.67	-1.66	21.01	<=33.01	Pass
			38	22.69	-1.66	21.03	<=33.01	Pass
			74	22.51	-1.66	20.85	<=33.01	Pass
		36	0	21.73	-1.66	20.07	<=33.01	Pass
			18	21.69	-1.66	20.03	<=33.01	Pass
			39	21.67	-1.66	20.01	<=33.01	Pass
		75	0	21.73	-1.66	20.07	<=33.01	Pass
	1907.5	1	0	22.25	-1.66	20.59	<=33.01	Pass
			38	22.27	-1.66	20.61	<=33.01	Pass
			74	22.03	-1.66	20.37	<=33.01	Pass
		36	0	21.28	-1.66	19.62	<=33.01	Pass
			18	21.25	-1.66	19.59	<=33.01	Pass
			39	21.10	-1.66	19.44	<=33.01	Pass
		75	0	21.28	-1.66	19.62	<=33.01	Pass

16QAM	1857.5	1	0	21.95	-1.66	20.29	<=33.01	Pass
			38	22.10	-1.66	20.44	<=33.01	Pass
			74	21.99	-1.66	20.33	<=33.01	Pass
		36	0	20.85	-1.66	19.19	<=33.01	Pass
			18	20.93	-1.66	19.27	<=33.01	Pass
			39	20.95	-1.66	19.29	<=33.01	Pass
		75	0	20.92	-1.66	19.26	<=33.01	Pass
	1882.5	1	0	22.23	-1.66	20.57	<=33.01	Pass
			38	22.28	-1.66	20.62	<=33.01	Pass
			74	22.10	-1.66	20.44	<=33.01	Pass
		36	0	20.75	-1.66	19.09	<=33.01	Pass
			18	20.77	-1.66	19.11	<=33.01	Pass
			39	20.75	-1.66	19.09	<=33.01	Pass
		75	0	20.74	-1.66	19.08	<=33.01	Pass
	1907.5	1	0	21.50	-1.66	19.84	<=33.01	Pass
			38	21.56	-1.66	19.90	<=33.01	Pass
			74	21.27	-1.66	19.61	<=33.01	Pass
		36	0	20.26	-1.66	18.60	<=33.01	Pass
			18	20.23	-1.66	18.57	<=33.01	Pass
			39	20.09	-1.66	18.43	<=33.01	Pass
		75	0	20.20	-1.66	18.54	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	21.82	-1.66	20.16	<=33.01	Pass
			50	21.82	-1.66	20.16	<=33.01	Pass
			99	21.81	-1.66	20.15	<=33.01	Pass
		50	0	21.79	-1.66	20.13	<=33.01	Pass
			25	21.79	-1.66	20.13	<=33.01	Pass
			50	21.79	-1.66	20.13	<=33.01	Pass
		100	0	21.82	-1.66	20.16	<=33.01	Pass
	1882.5	1	0	21.78	-1.66	20.12	<=33.01	Pass
			50	21.74	-1.66	20.08	<=33.01	Pass
			99	21.76	-1.66	20.10	<=33.01	Pass
		50	0	21.80	-1.66	20.14	<=33.01	Pass
			25	21.75	-1.66	20.09	<=33.01	Pass
			50	21.76	-1.66	20.10	<=33.01	Pass
		100	0	21.76	-1.66	20.10	<=33.01	Pass
	1905	1	0	21.23	-1.66	19.57	<=33.01	Pass
			50	21.22	-1.66	19.56	<=33.01	Pass
			99	21.27	-1.66	19.61	<=33.01	Pass
		50	0	21.27	-1.66	19.61	<=33.01	Pass
			25	21.28	-1.66	19.62	<=33.01	Pass
			50	21.21	-1.66	19.55	<=33.01	Pass
		100	0	21.23	-1.66	19.57	<=33.01	Pass
16QAM	1860	1	0	21.83	-1.66	20.17	<=33.01	Pass
			50	21.83	-1.66	20.17	<=33.01	Pass
			99	21.80	-1.66	20.14	<=33.01	Pass
		50	0	21.80	-1.66	20.14	<=33.01	Pass
			25	21.83	-1.66	20.17	<=33.01	Pass
			50	21.81	-1.66	20.15	<=33.01	Pass
		100	0	21.80	-1.66	20.14	<=33.01	Pass
	1882.5	1	0	21.77	-1.66	20.11	<=33.01	Pass

			50	21.74	-1.66	20.08	<=33.01	Pass
			99	21.77	-1.66	20.11	<=33.01	Pass
		50	0	21.78	-1.66	20.12	<=33.01	Pass
			25	21.81	-1.66	20.15	<=33.01	Pass
			50	21.75	-1.66	20.09	<=33.01	Pass
		100	0	21.76	-1.66	20.10	<=33.01	Pass
	1905	1	0	21.18	-1.66	19.52	<=33.01	Pass
			50	21.27	-1.66	19.61	<=33.01	Pass
			99	21.23	-1.66	19.57	<=33.01	Pass
		50	0	21.24	-1.66	19.58	<=33.01	Pass
			25	21.25	-1.66	19.59	<=33.01	Pass
			50	21.24	-1.66	19.58	<=33.01	Pass
		100	0	21.23	-1.66	19.57	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B25_1.4MHz

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	-4.549	-0.0025	-2.5 to 2.5	Pass
					3.85	-9.913	-0.0054	-2.5 to 2.5	Pass
					4.43	-7.825	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-6.094	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.550	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.507	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				40	3.85	2.346	0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	11.287	0.0060	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
					4.43	-8.368	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	3.705	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-8.011	-0.0043	-2.5 to 2.5	Pass
				0	3.85	13.061	0.0069	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				30	3.85	-10.858	-0.0058	-2.5 to 2.5	Pass
				40	3.85	9.284	0.0049	-2.5 to 2.5	Pass
				50	3.85	-11.845	-0.0063	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	6.208	0.0032	-2.5 to 2.5	Pass
					3.85	4.978	0.0026	-2.5 to 2.5	Pass
					4.43	-16.251	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-8.383	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	6.380	0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-12.975	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-8.783	-0.0046	-2.5 to 2.5	Pass
				40	3.85	2.518	0.0013	-2.5 to 2.5	Pass

				50	3.85	-7.081	-0.0037	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	6.452	0.0035	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0027	-2.5 to 2.5	Pass
					4.43	0.157	0.0001	-2.5 to 2.5	Pass
				-30	3.85	6.094	0.0033	-2.5 to 2.5	Pass
				-20	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.749	-0.0026	-2.5 to 2.5	Pass
				0	3.85	10.257	0.0055	-2.5 to 2.5	Pass
				10	3.85	9.370	0.0051	-2.5 to 2.5	Pass
				30	3.85	-11.115	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.051	-0.0033	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-13.275	-0.0071	-2.5 to 2.5	Pass
					3.85	11.358	0.0060	-2.5 to 2.5	Pass
					4.43	5.693	0.0030	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-10.557	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-5.794	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-7.095	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-10.600	-0.0055	-2.5 to 2.5	Pass
					3.85	-13.790	-0.0072	-2.5 to 2.5	Pass
					4.43	-10.901	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	5.293	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-7.296	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.622	-0.0029	-2.5 to 2.5	Pass
				0	3.85	2.947	0.0015	-2.5 to 2.5	Pass
				10	3.85	-9.356	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-13.118	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

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	-1.917	-0.0010	-2.5 to 2.5	Pass
					3.85	-9.785	-0.0053	-2.5 to 2.5	Pass
					4.43	4.849	0.0026	-2.5 to 2.5	Pass
				-30	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.107	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.894	-0.0032	-2.5 to 2.5	Pass
				10	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.304	0.0018	-2.5 to 2.5	Pass
				50	3.85	5.021	0.0027	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-4.735	-0.0025	-2.5 to 2.5	Pass
					3.85	-6.280	-0.0033	-2.5 to 2.5	Pass
					4.43	5.808	0.0031	-2.5 to 2.5	Pass
				-30	3.85	4.034	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.262	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.031	0.0011	-2.5 to 2.5	Pass

				0	3.85	8.197	0.0044	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0032	-2.5 to 2.5	Pass
				30	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0019	-2.5 to 2.5	Pass
				50	3.85	9.799	0.0052	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-8.197	-0.0043	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-9.441	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	7.911	0.0041	-2.5 to 2.5	Pass
				-10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				0	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-11.873	-0.0062	-2.5 to 2.5	Pass
				40	3.85	2.174	0.0011	-2.5 to 2.5	Pass
				50	3.85	-11.616	-0.0061	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	8.111	0.0044	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	4.678	0.0025	-2.5 to 2.5	Pass
				-10	3.85	4.277	0.0023	-2.5 to 2.5	Pass
				0	3.85	9.127	0.0049	-2.5 to 2.5	Pass
				10	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				40	3.85	4.420	0.0024	-2.5 to 2.5	Pass
				50	3.85	2.403	0.0013	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-10.843	-0.0058	-2.5 to 2.5	Pass
					3.85	7.811	0.0041	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-10	3.85	6.337	0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				30	3.85	-9.942	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-7.410	-0.0039	-2.5 to 2.5	Pass
				50	3.85	3.119	0.0017	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	2.818	0.0015	-2.5 to 2.5	Pass
					3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
					4.43	-9.270	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	3.076	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.030	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-11.430	-0.0060	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
				50	3.85	9.298	0.0049	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

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	-3.018	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0016	-2.5 to 2.5	Pass

					4.43	-6.523	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-4.964	-0.0026	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-7.238	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	3.405	0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-9.613	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	0.858	0.0004	-2.5 to 2.5	Pass
					3.85	3.591	0.0019	-2.5 to 2.5	Pass
					4.43	-6.666	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				0	3.85	-13.118	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-12.388	-0.0065	-2.5 to 2.5	Pass
				40	3.85	4.191	0.0022	-2.5 to 2.5	Pass
				50	3.85	3.190	0.0017	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	4.735	0.0026	-2.5 to 2.5	Pass
					3.85	10.686	0.0058	-2.5 to 2.5	Pass
					4.43	0.815	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.991	-0.0022	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	6.738	0.0036	-2.5 to 2.5	Pass
					3.85	-8.097	-0.0043	-2.5 to 2.5	Pass
					4.43	-2.389	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	7.896	0.0042	-2.5 to 2.5	Pass
				-20	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-8.683	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-6.766	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-10.185	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				50	3.85	5.794	0.0031	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	1.717	0.0009	-2.5 to 2.5	Pass
					3.85	4.678	0.0024	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	8.869	0.0046	-2.5 to 2.5	Pass

				-10	3.85	-5.765	-0.0030	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.904	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.947	-0.0015	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

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	-5.264	-0.0028	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-4.478	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.247	-0.0018	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-2.131	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.347	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-1.431	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
				30	3.85	1.817	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	0.186	0.0001	-2.5 to 2.5	Pass
					4.43	0.830	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.735	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.406	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.476	-0.0019	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-1.173	-0.0006	-2.5 to 2.5	Pass

					3.85	0.944	0.0005	-2.5 to 2.5	Pass
					4.43	1.645	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.173	0.0006	-2.5 to 2.5	Pass
				-10	3.85	4.978	0.0026	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-3.977	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
					4.43	0.830	0.0004	-2.5 to 2.5	Pass
				-30	3.85	4.449	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.704	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				50	3.85	2.661	0.0014	-2.5 to 2.5	Pass

2.1.5 B25_15MHz

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	-6.251	-0.0034	-2.5 to 2.5	Pass
					3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
					4.43	-3.448	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				30	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				40	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	1.044	0.0006	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.245	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-4.592	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				30	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.658	0.0003	-2.5 to 2.5	Pass
				50	3.85	-4.778	-0.0025	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass

				30	3.85	-5.407	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-3.490	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-5.536	-0.0029	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-4.034	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				0	3.85	2.532	0.0014	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-8.054	-0.0043	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-1.545	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
					4.43	2.446	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0030	-2.5 to 2.5	Pass
					4.43	-3.448	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.615	0.0003	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0026	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.346	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

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	-3.061	-0.0016	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
					4.43	-5.565	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-1.101	-0.0006	-2.5 to 2.5	Pass
					3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.977	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass

				-20	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	2.360	0.0012	-2.5 to 2.5	Pass
					3.85	0.973	0.0005	-2.5 to 2.5	Pass
					4.43	-2.761	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.519	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	0.973	0.0005	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
					4.43	2.003	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-7.825	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-9.084	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	1.774	0.0009	-2.5 to 2.5	Pass
					3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
					4.43	3.262	0.0017	-2.5 to 2.5	Pass
				-30	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-3.576	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.345	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				0	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				30	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

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 B25_3MHz

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

3.1.3 B25_5MHz

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

3.1.4 B25_10MHz

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

3.1.5 B25_15MHz

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

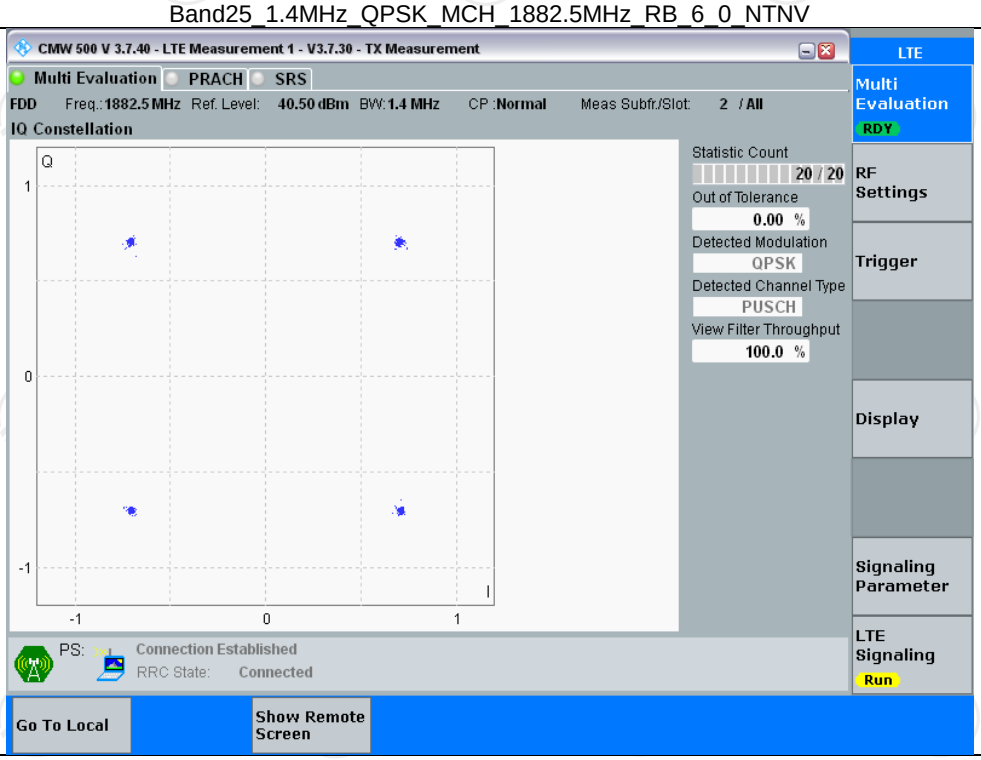
3.1.6 B25_20MHz

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

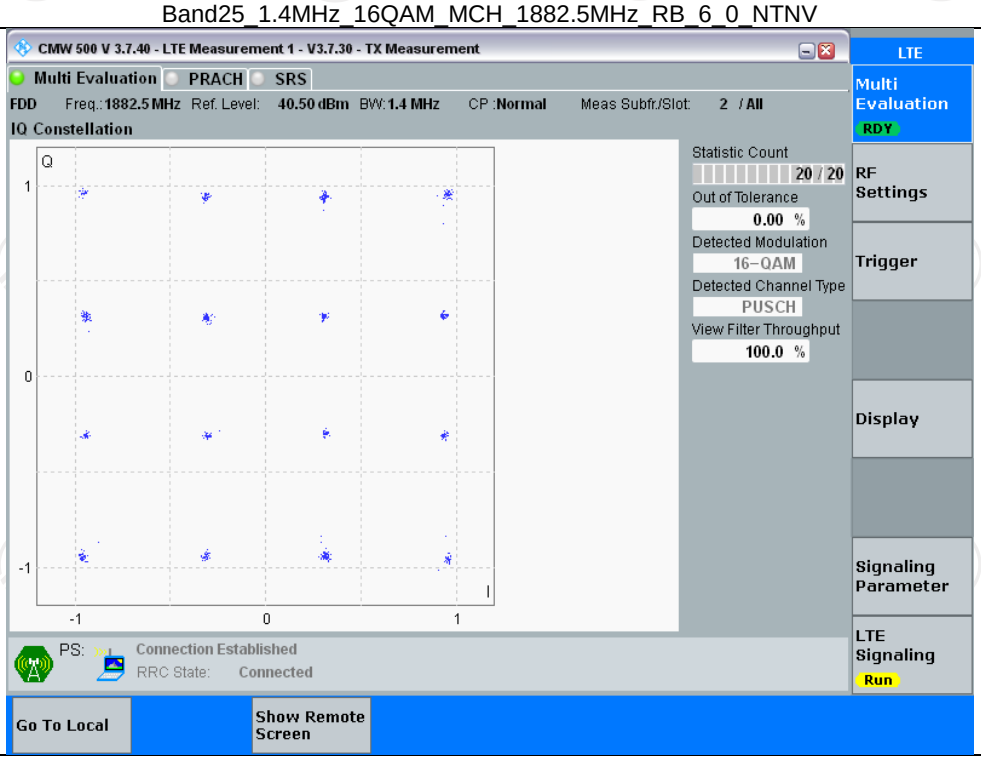
3.2 Test Graph

3.2.1 B25_1.4MHz

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV

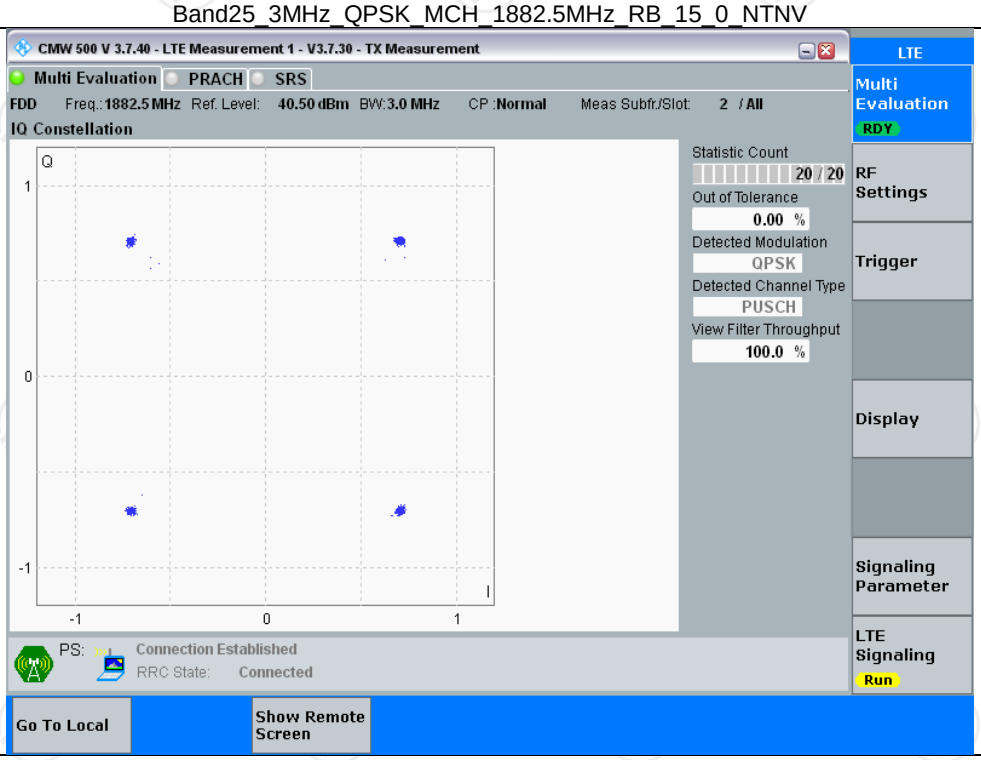


Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

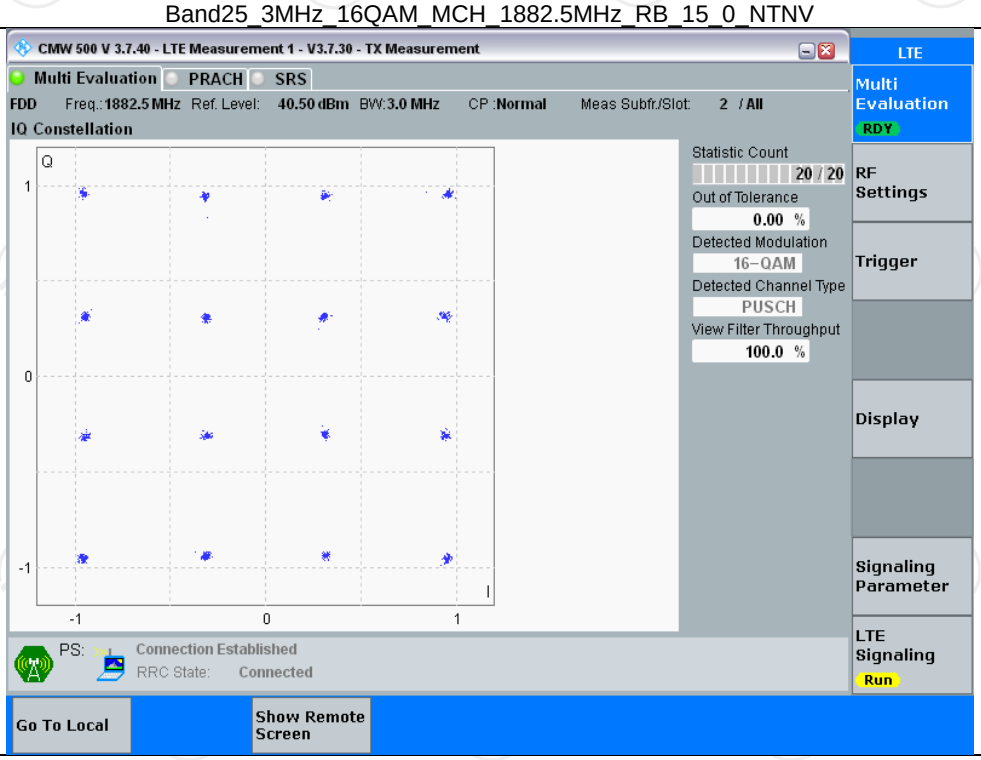


3.2.2 B25_3MHz

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

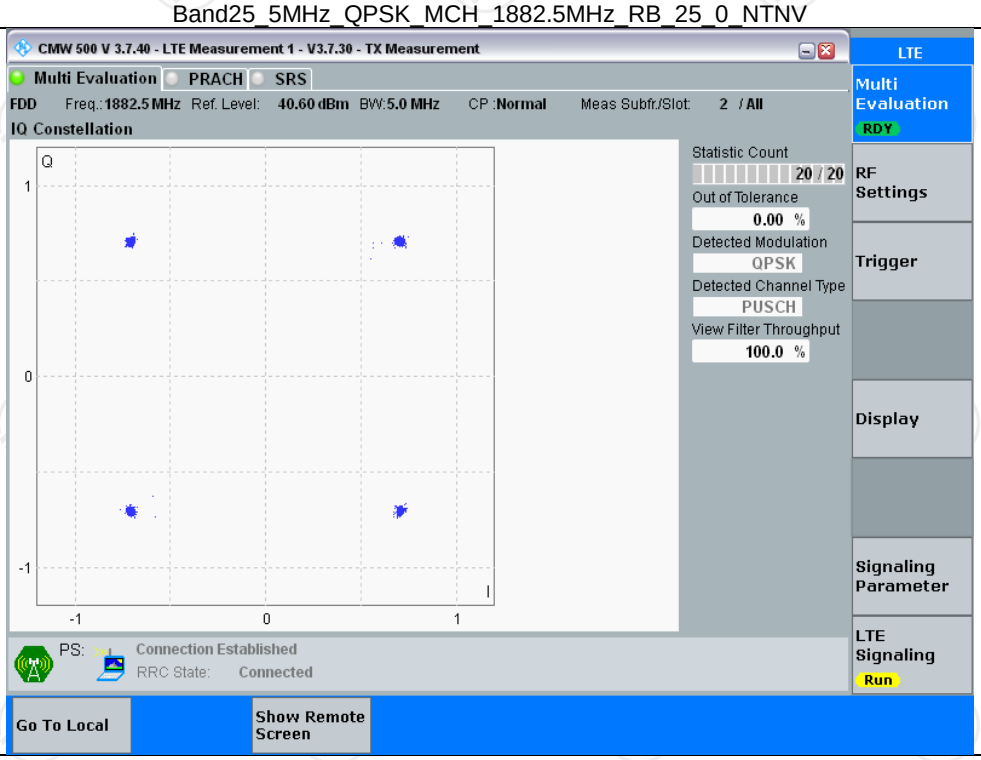


Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

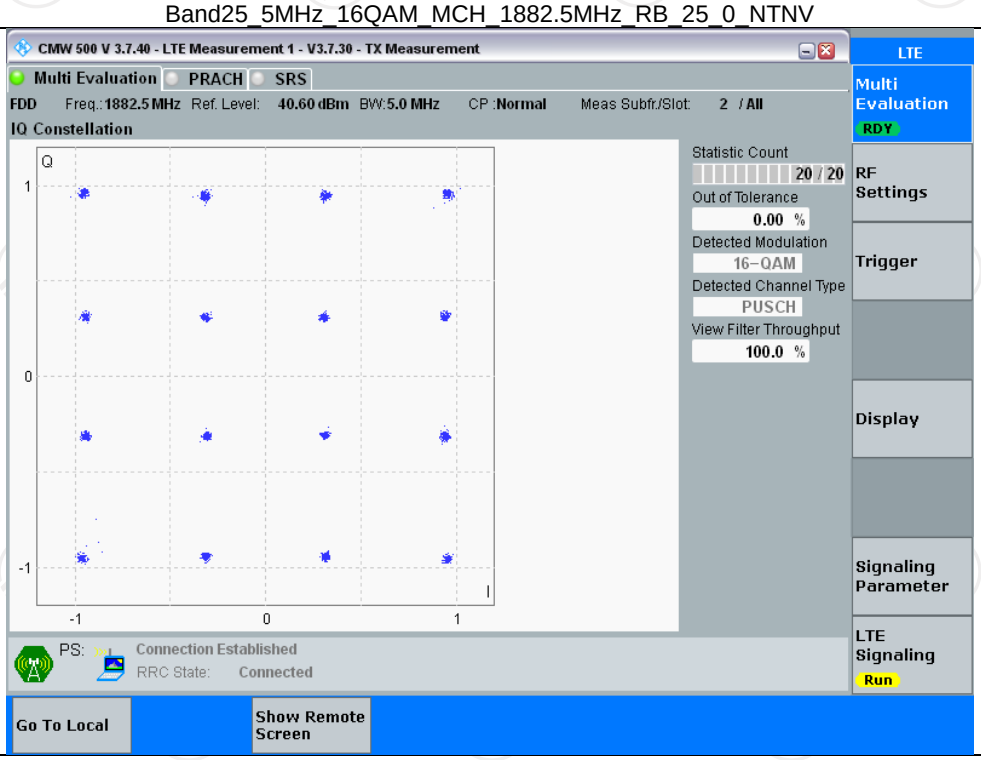


3.2.3 B25_5MHz

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

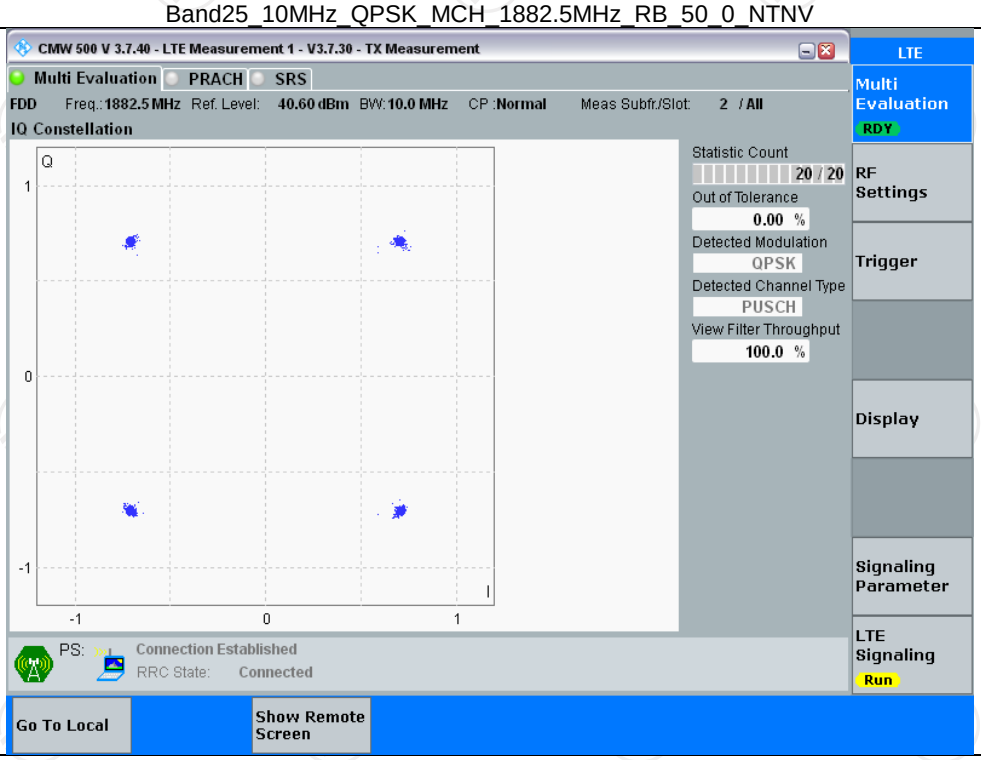


Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

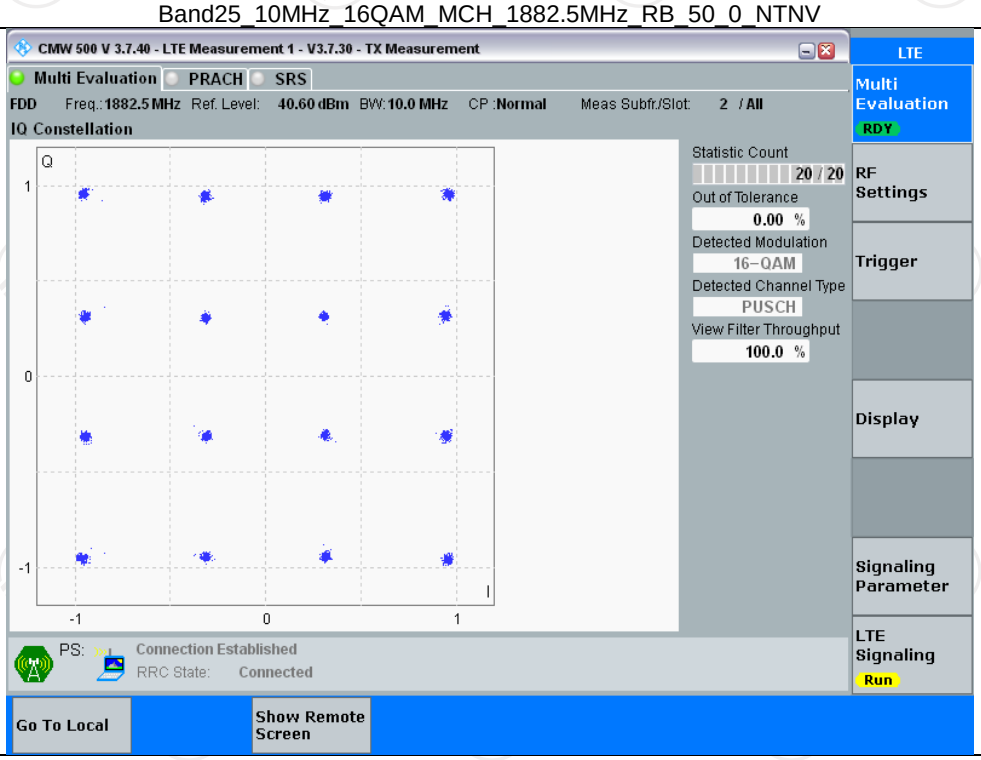


3.2.4 B25_10MHz

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

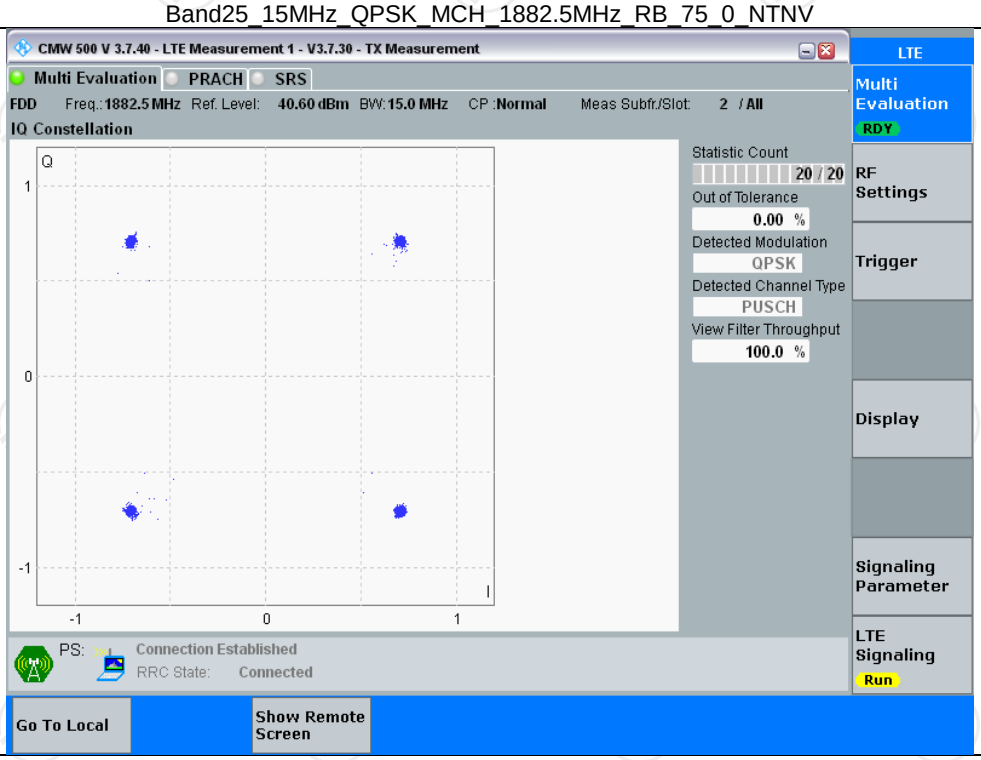


Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV

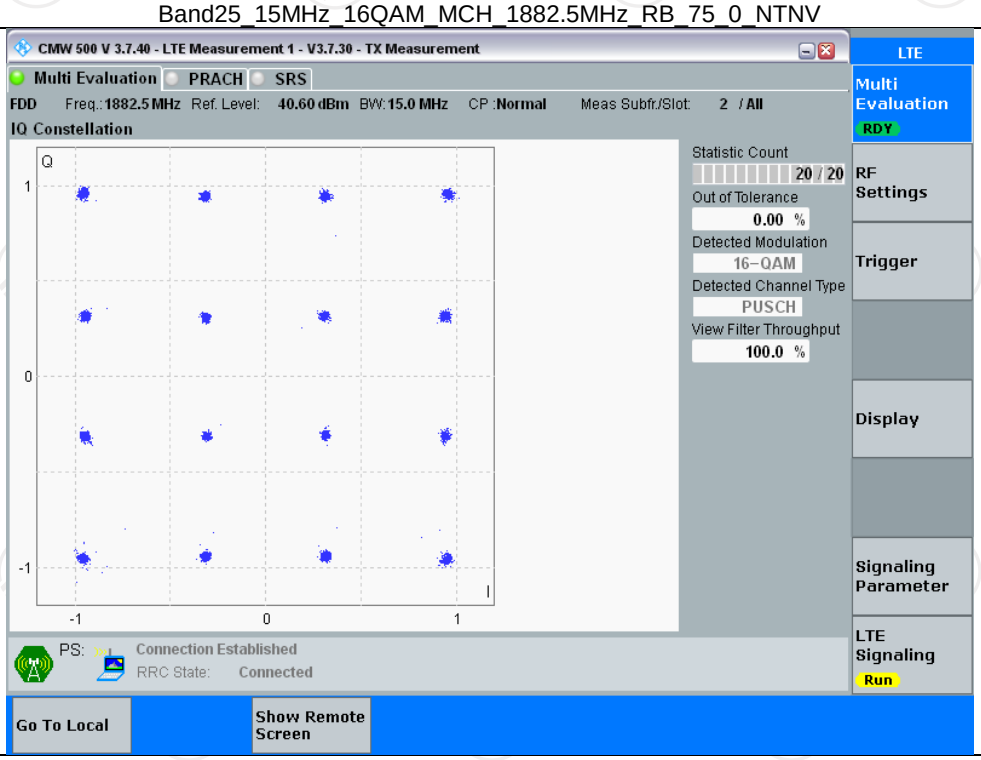


3.2.5 B25_15MHz

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

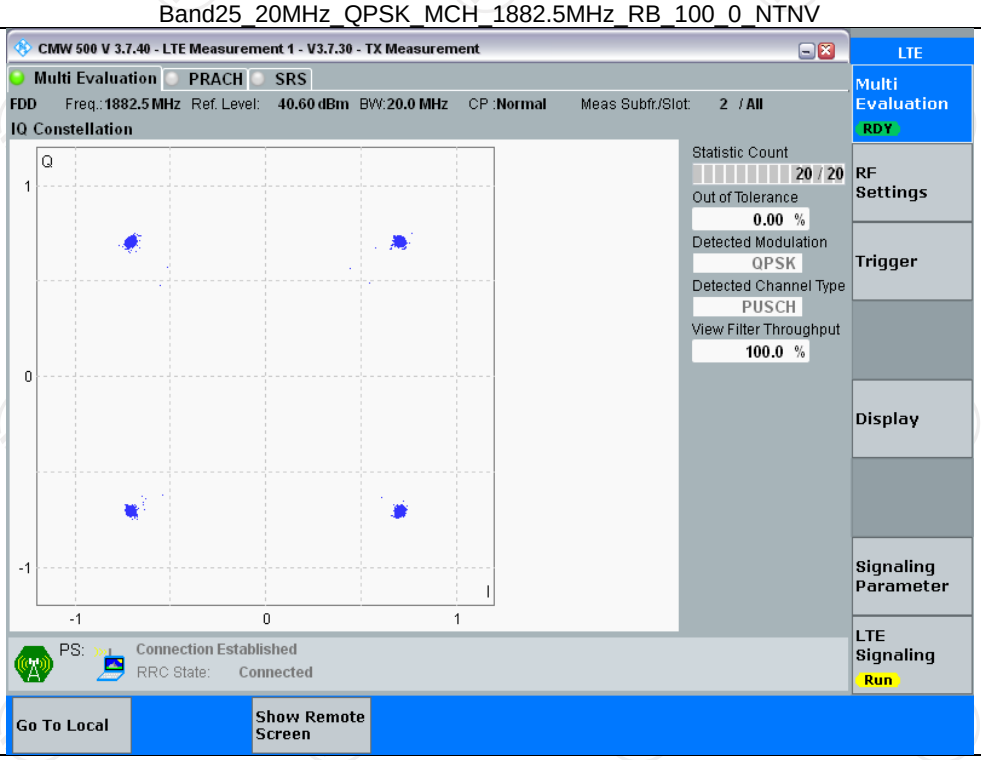


Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

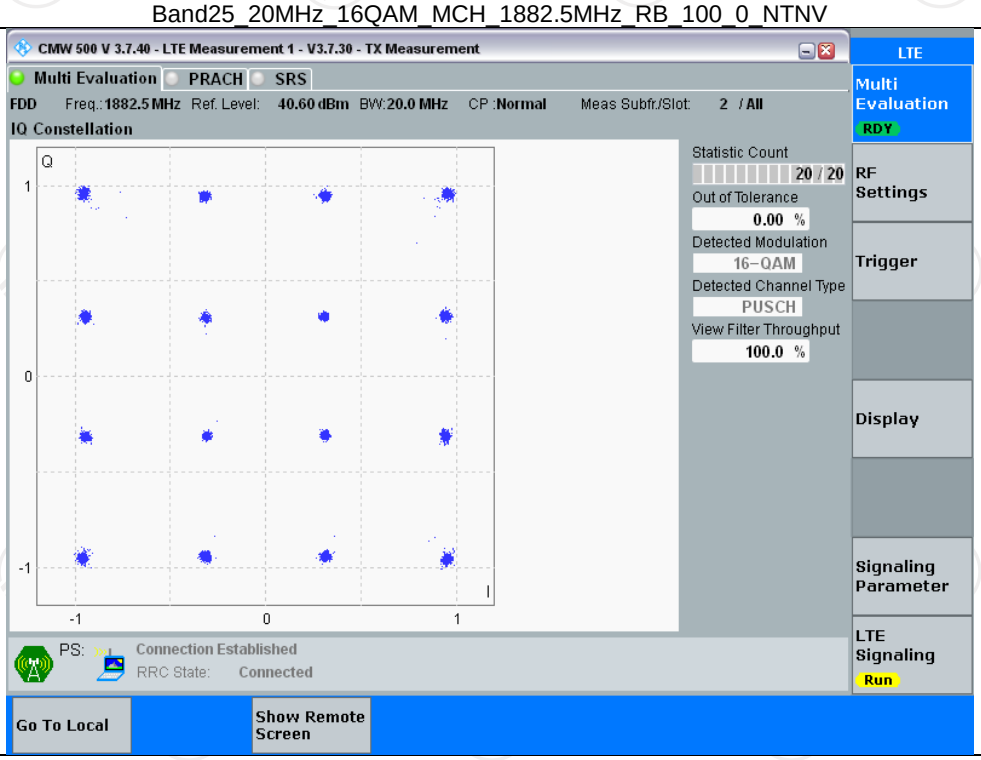


3.2.6 B25_20MHz

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 Test Result

4.1.1 Band25_OBW

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	1.118	/	Pass
		1882.5	6	0	1.121	/	Pass
		1914.3	6	0	1.114	/	Pass
	16QAM	1850.7	6	0	1.111	/	Pass
		1882.5	6	0	1.105	/	Pass
		1914.3	6	0	1.115	/	Pass
3	QPSK	1851.5	15	0	2.730	/	Pass
		1882.5	15	0	2.728	/	Pass
		1913.5	15	0	2.728	/	Pass
	16QAM	1851.5	15	0	2.724	/	Pass
		1882.5	15	0	2.719	/	Pass
		1913.5	15	0	2.714	/	Pass
5	QPSK	1852.5	25	0	4.537	/	Pass
		1882.5	25	0	4.547	/	Pass
		1912.5	25	0	4.554	/	Pass
	16QAM	1852.5	25	0	4.540	/	Pass
		1882.5	25	0	4.548	/	Pass
		1912.5	25	0	4.530	/	Pass
10	QPSK	1855	50	0	9.058	/	Pass
		1882.5	50	0	9.046	/	Pass
		1910	50	0	9.033	/	Pass
	16QAM	1855	50	0	9.047	/	Pass
		1882.5	50	0	9.066	/	Pass
		1910	50	0	9.035	/	Pass
15	QPSK	1857.5	75	0	13.585	/	Pass
		1882.5	75	0	13.575	/	Pass
		1907.5	75	0	13.573	/	Pass
	16QAM	1857.5	75	0	13.595	/	Pass
		1882.5	75	0	13.592	/	Pass
		1907.5	75	0	13.590	/	Pass
20	QPSK	1860	100	0	18.064	/	Pass
		1882.5	100	0	18.071	/	Pass
		1905	100	0	18.086	/	Pass
	16QAM	1860	100	0	18.066	/	Pass
		1882.5	100	0	18.157	/	Pass
		1905	100	0	18.184	/	Pass

4.1.2 Band25_XDB

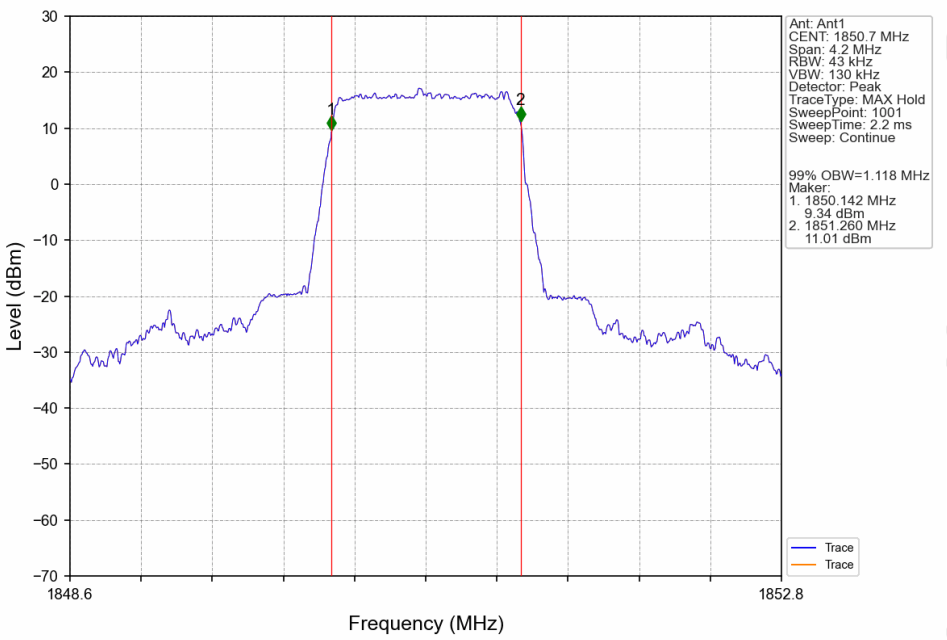
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.297	/	Pass
		1882.5	6	0	1.305	/	Pass

		1914.3	6	0	1.304	/	Pass
	16QAM	1850.7	6	0	1.307	/	Pass
		1882.5	6	0	1.297	/	Pass
		1914.3	6	0	1.298	/	Pass
3	QPSK	1851.5	15	0	3.024	/	Pass
		1882.5	15	0	3.044	/	Pass
		1913.5	15	0	3.056	/	Pass
	16QAM	1851.5	15	0	3.043	/	Pass
		1882.5	15	0	3.038	/	Pass
		1913.5	15	0	3.057	/	Pass
5	QPSK	1852.5	25	0	4.991	/	Pass
		1882.5	25	0	5.008	/	Pass
		1912.5	25	0	4.978	/	Pass
	16QAM	1852.5	25	0	5.033	/	Pass
		1882.5	25	0	4.994	/	Pass
		1912.5	25	0	4.960	/	Pass
10	QPSK	1855	50	0	9.906	/	Pass
		1882.5	50	0	9.896	/	Pass
		1910	50	0	9.928	/	Pass
	16QAM	1855	50	0	9.946	/	Pass
		1882.5	50	0	9.916	/	Pass
		1910	50	0	9.890	/	Pass
15	QPSK	1857.5	75	0	14.929	/	Pass
		1882.5	75	0	14.851	/	Pass
		1907.5	75	0	14.924	/	Pass
	16QAM	1857.5	75	0	14.823	/	Pass
		1882.5	75	0	14.863	/	Pass
		1907.5	75	0	14.854	/	Pass
20	QPSK	1860	100	0	19.778	/	Pass
		1882.5	100	0	19.700	/	Pass
		1905	100	0	19.588	/	Pass
	16QAM	1860	100	0	19.609	/	Pass
		1882.5	100	0	19.779	/	Pass
		1905	100	0	19.651	/	Pass

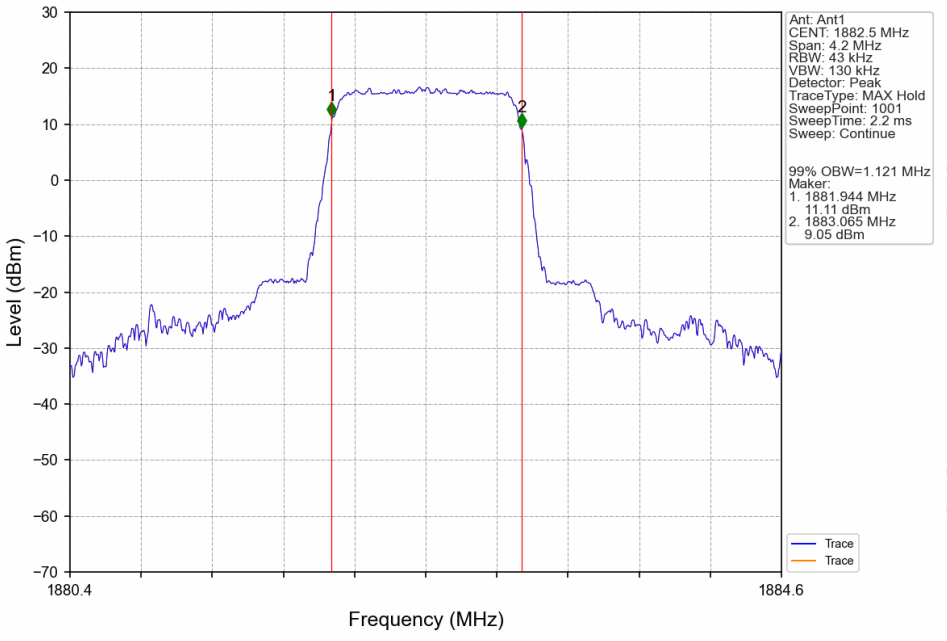
4.2 Test Graph

4.2.1 Band25_OBW

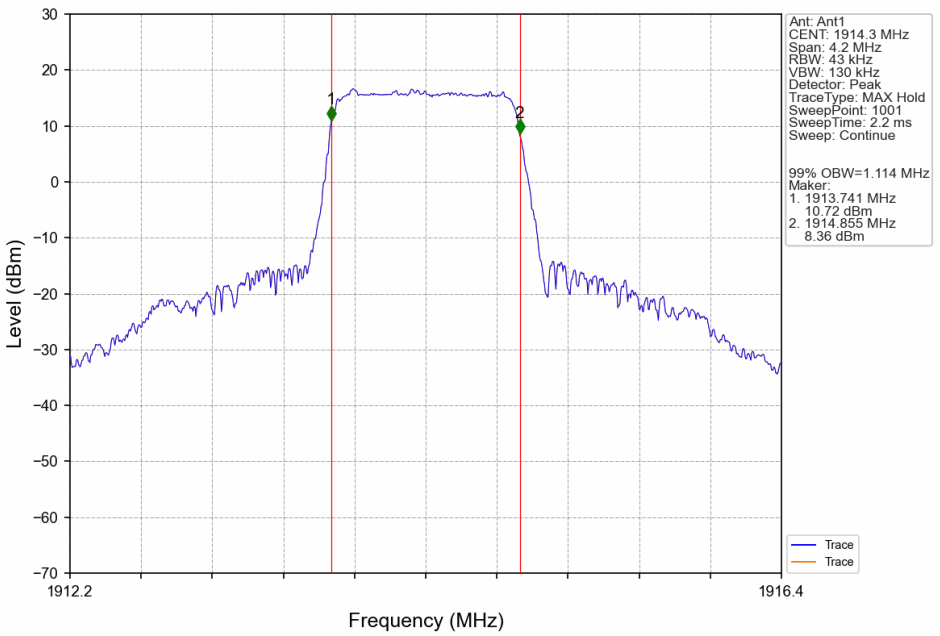
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



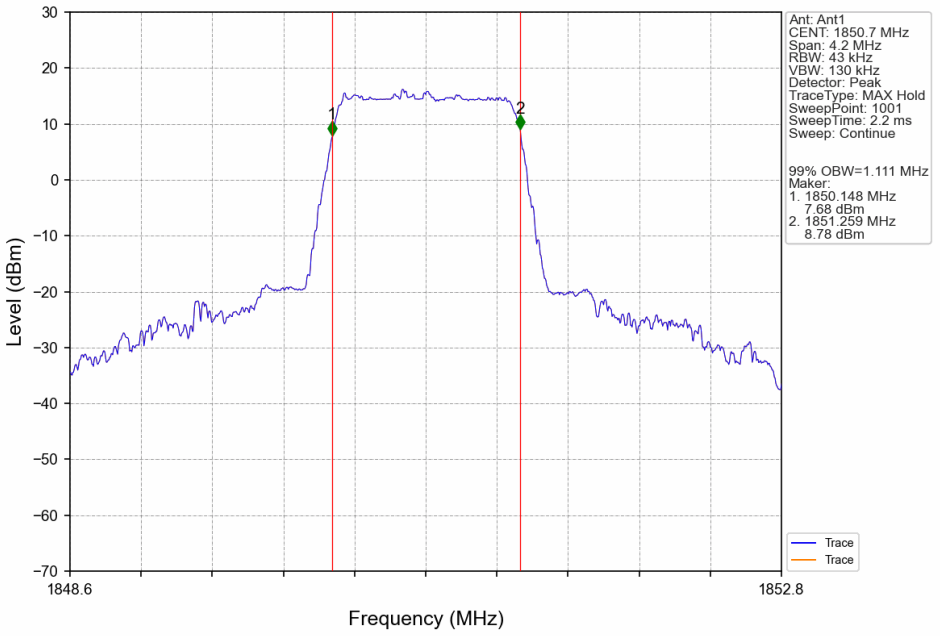
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



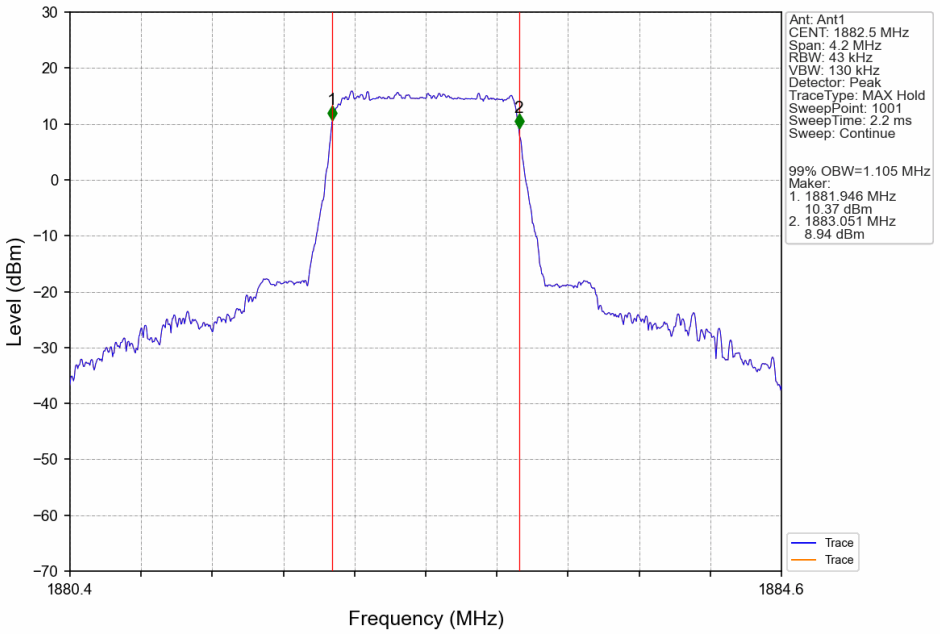
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



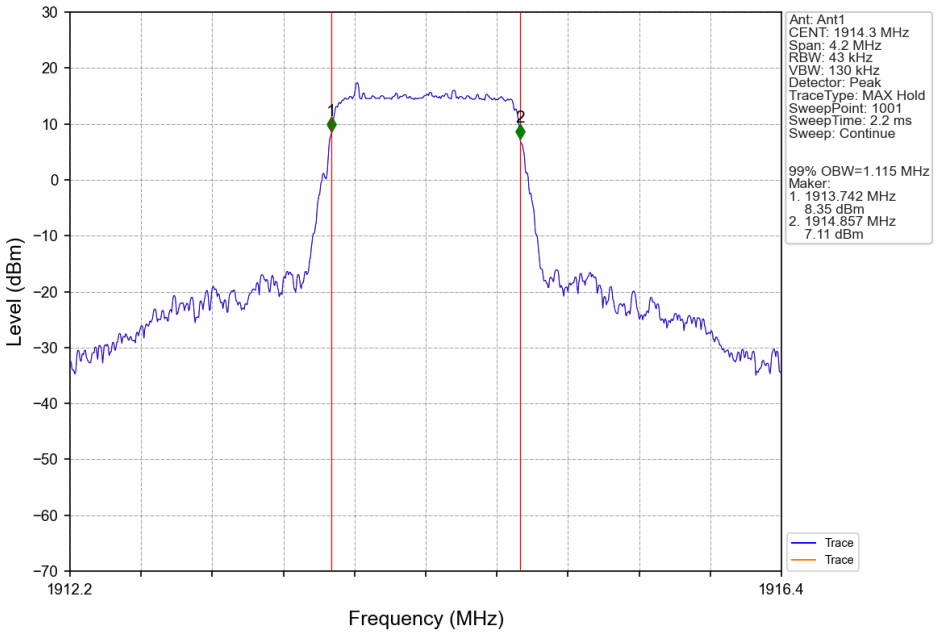
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



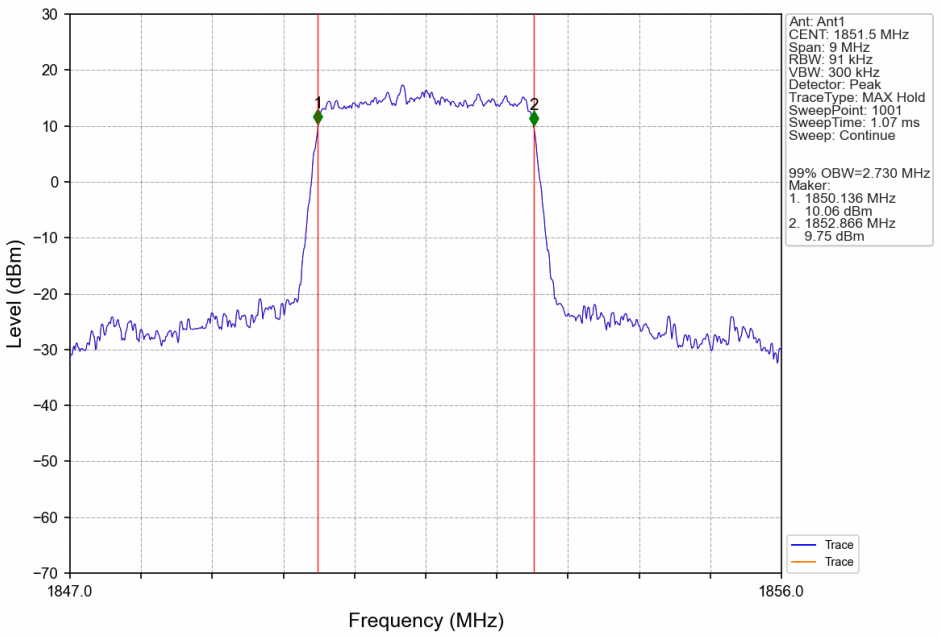
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



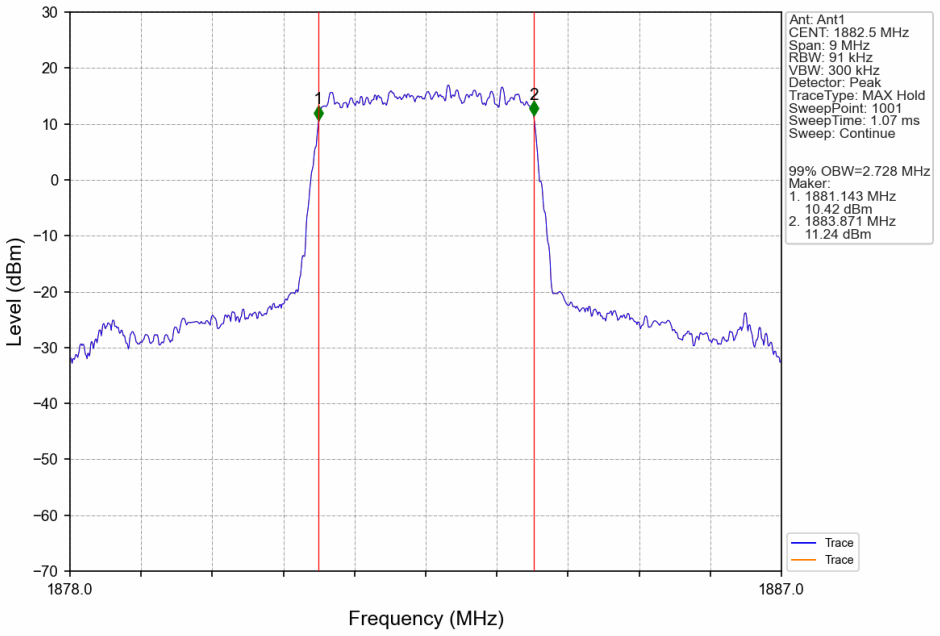
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



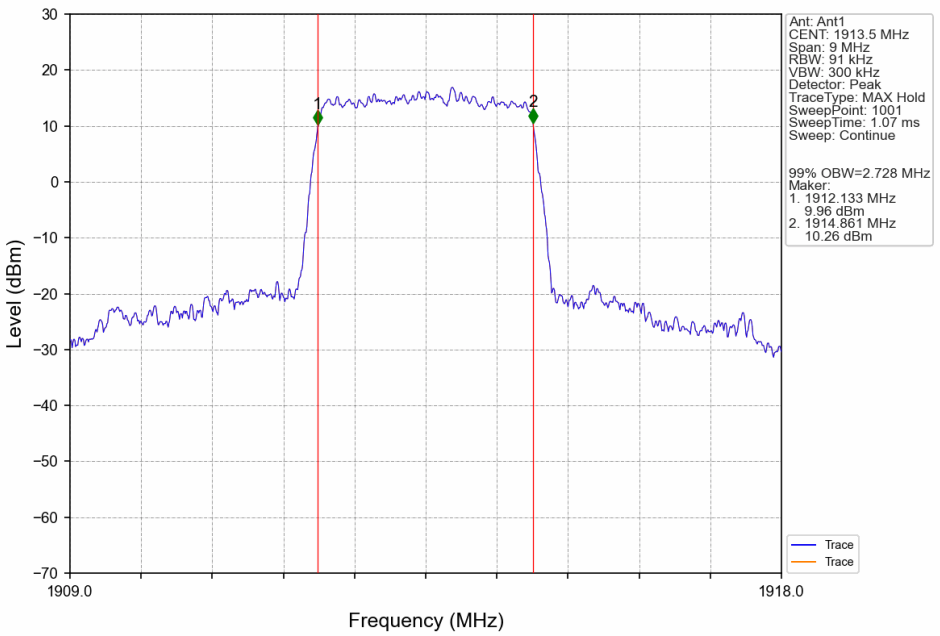
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



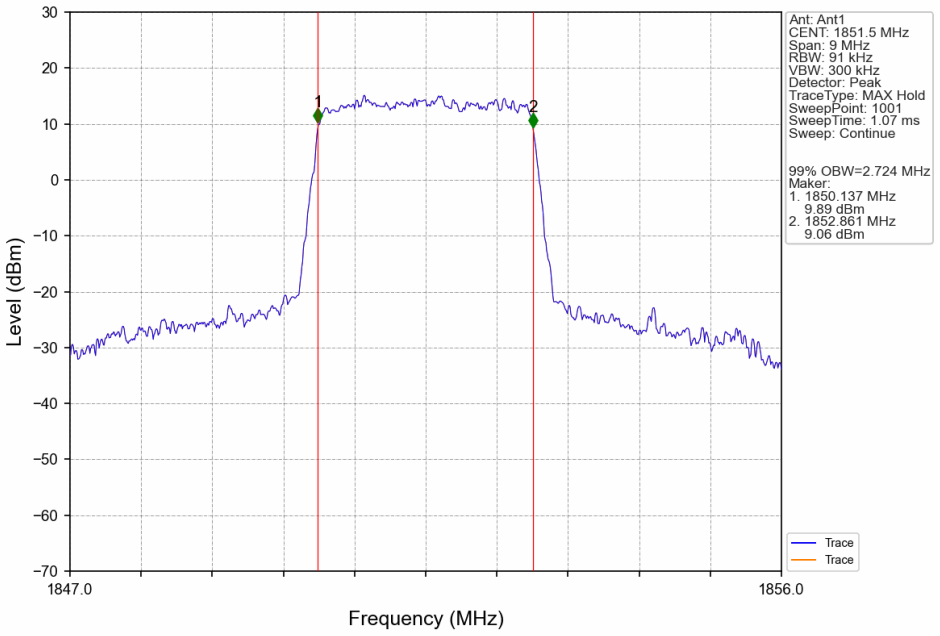
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



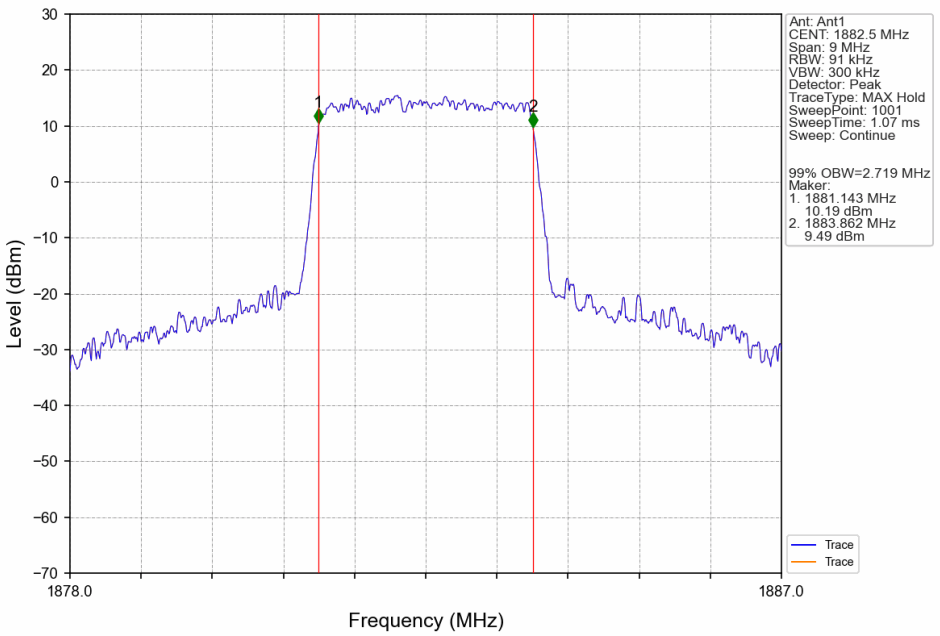
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



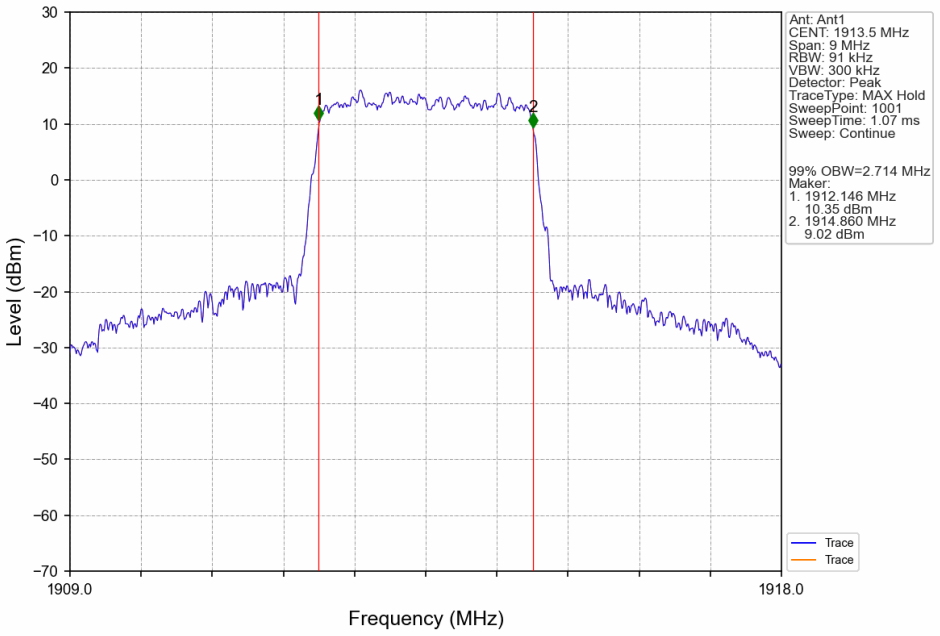
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



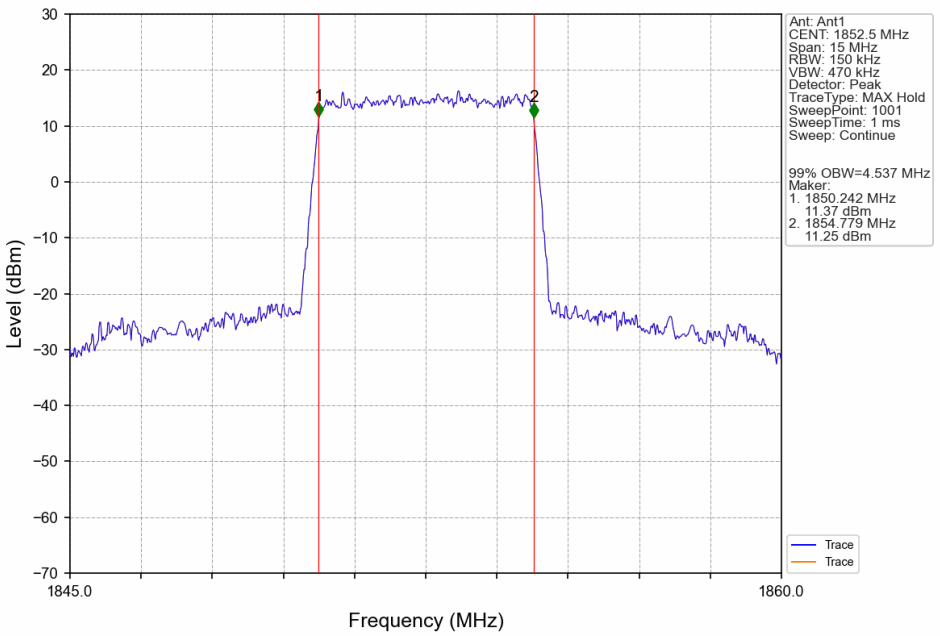
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



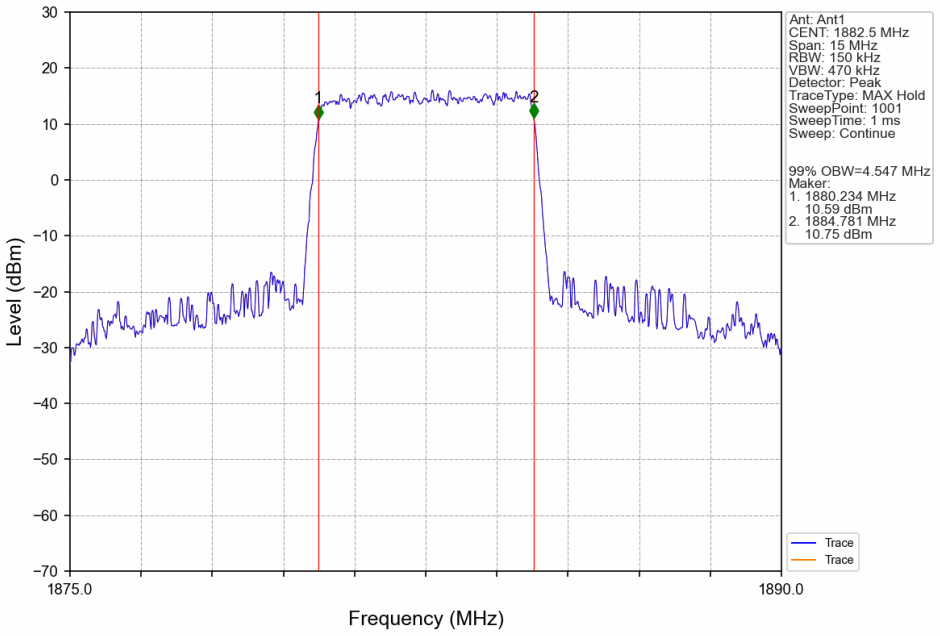
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



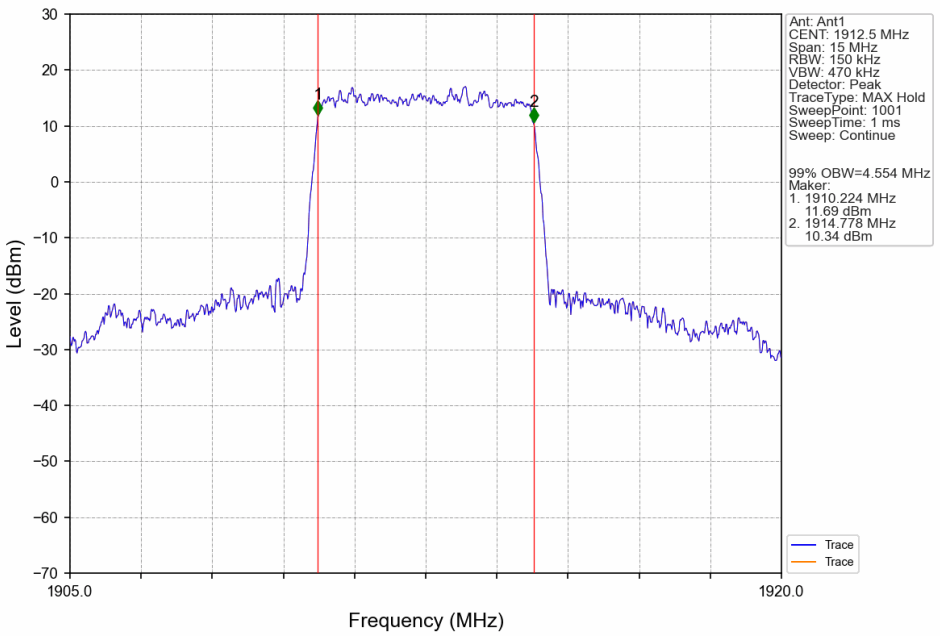
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



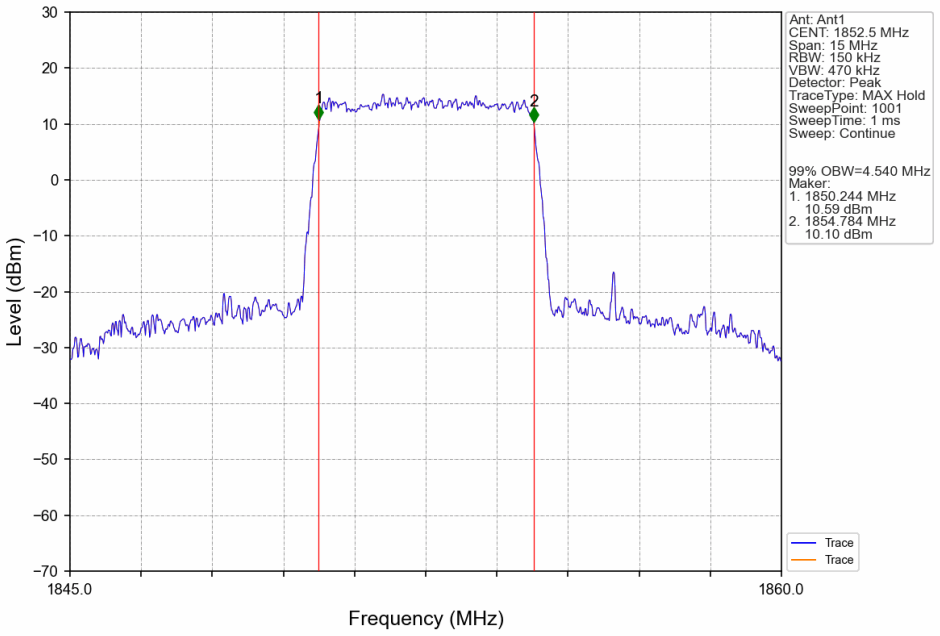
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



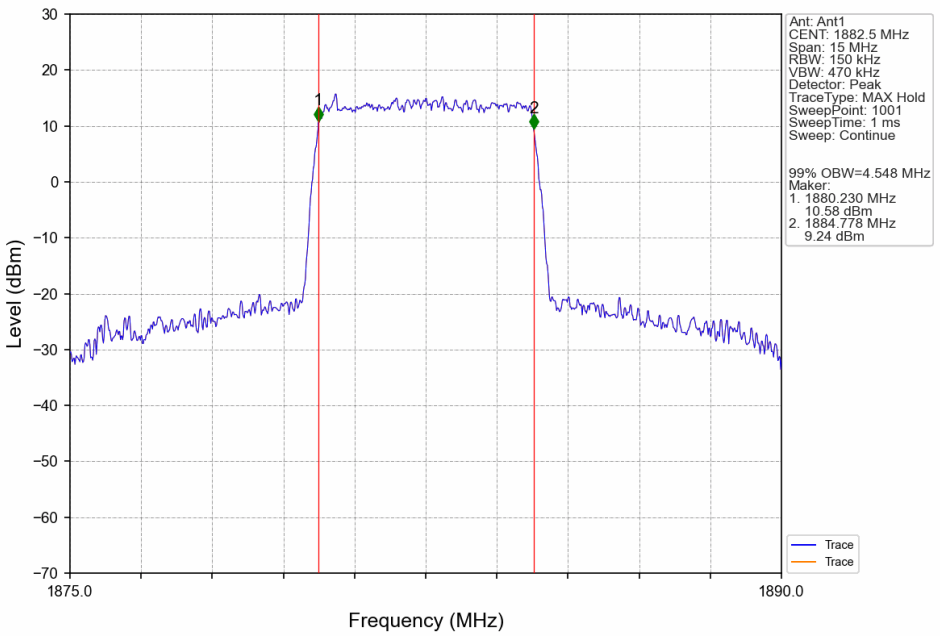
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



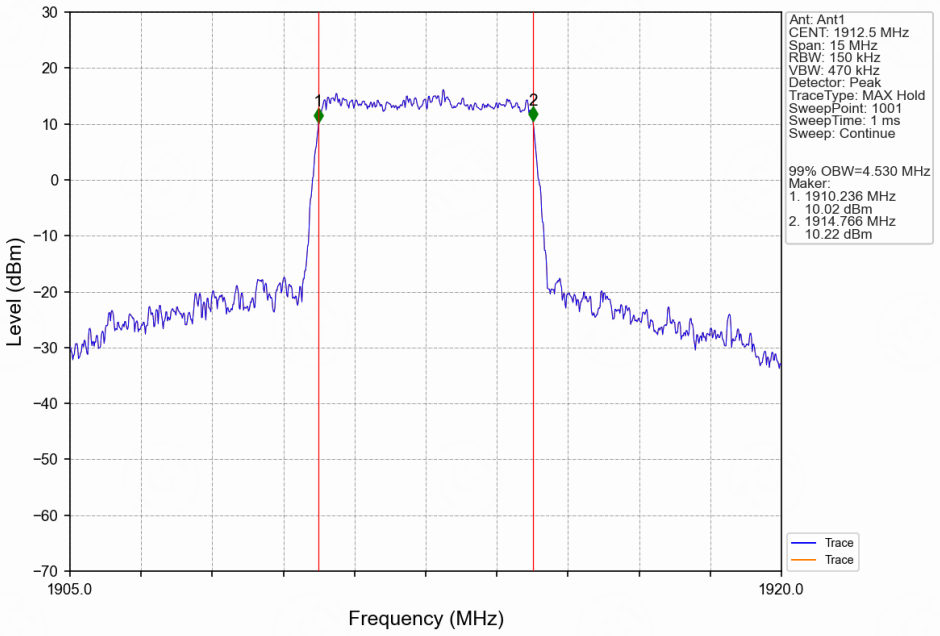
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



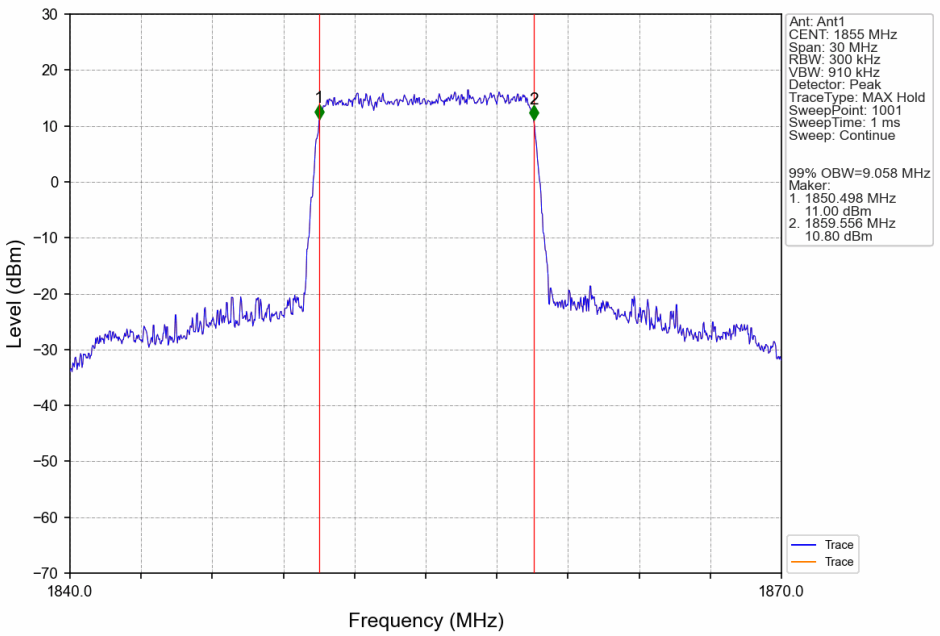
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



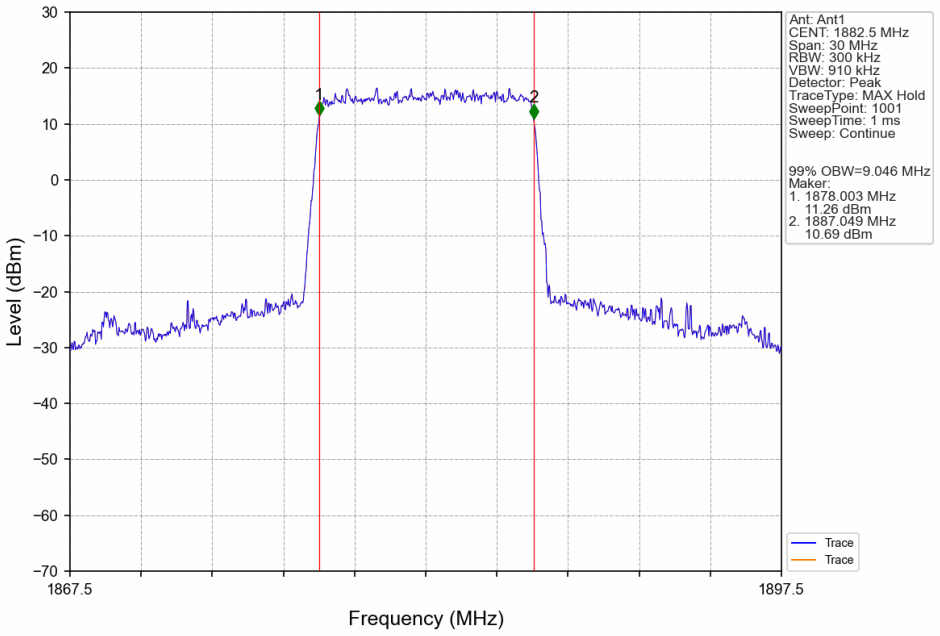
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



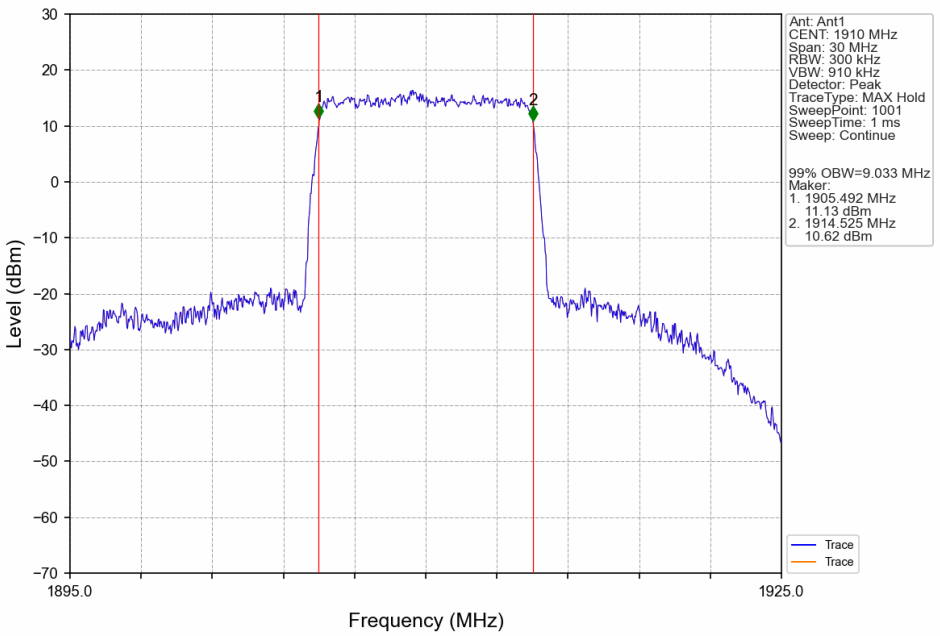
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



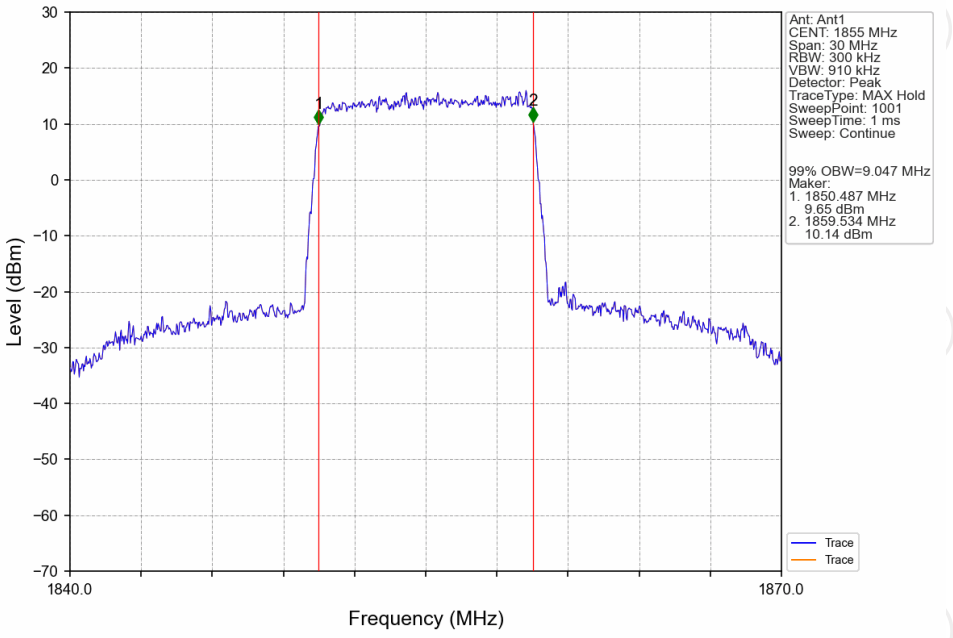
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



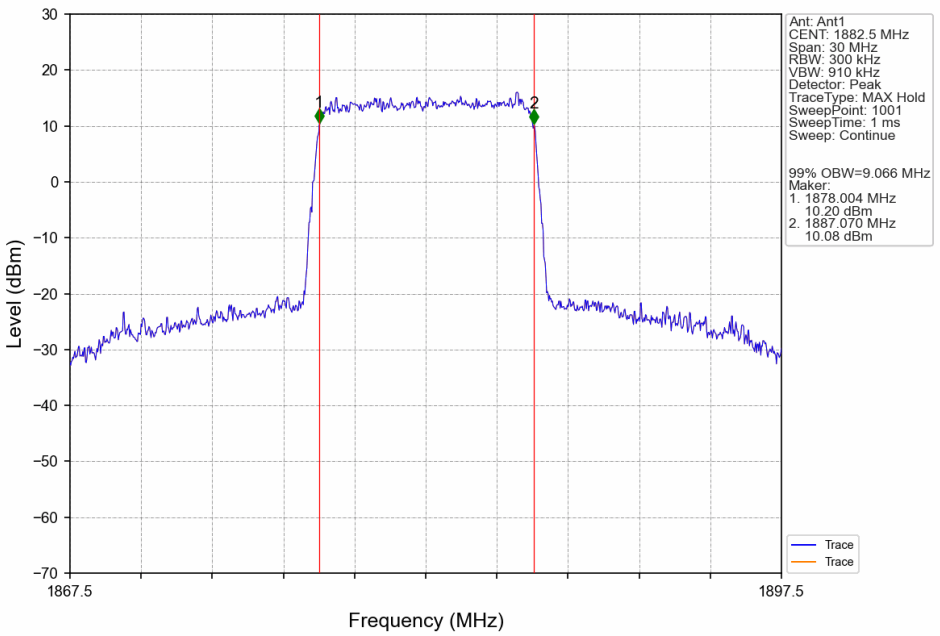
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



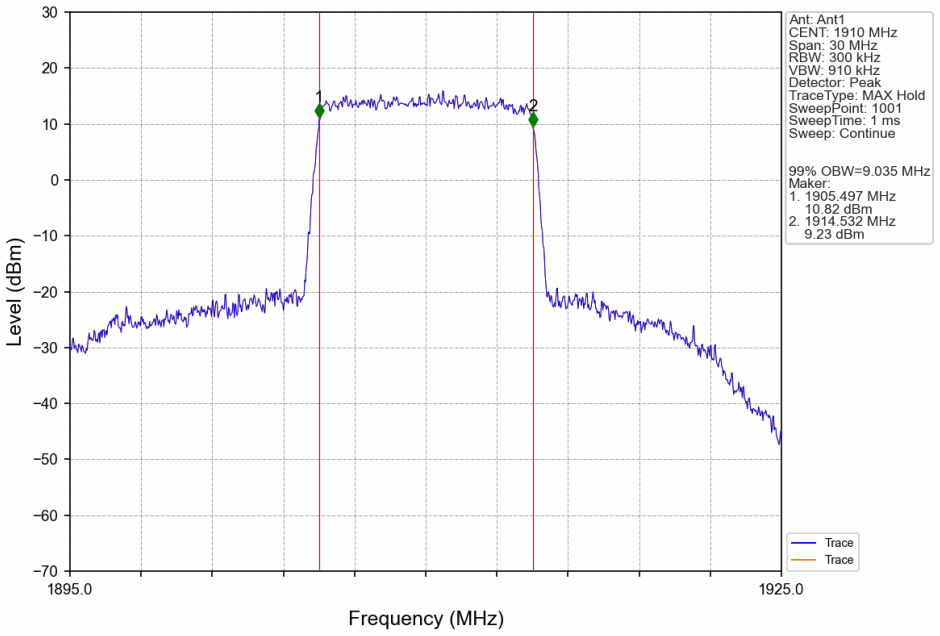
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



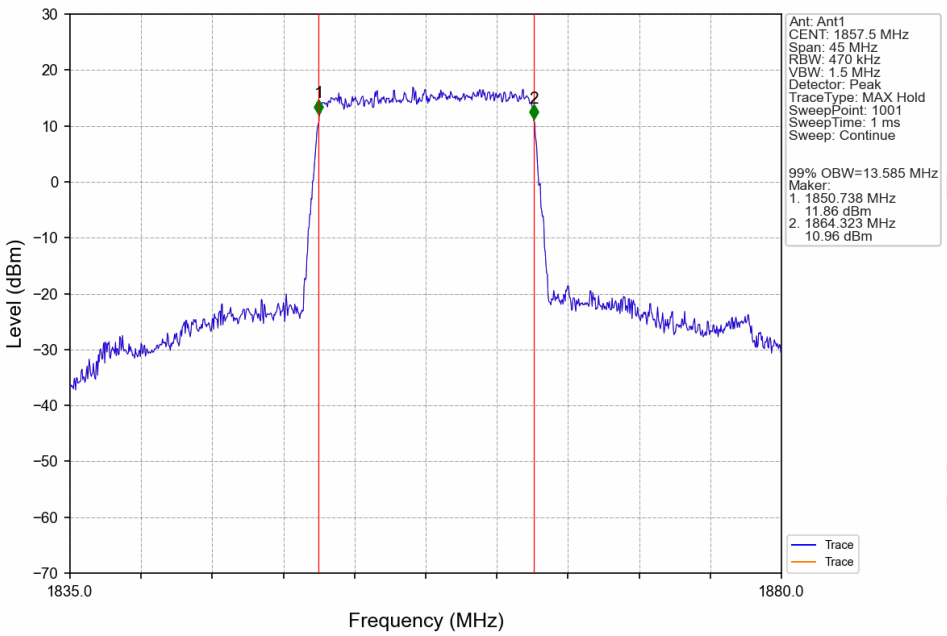
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



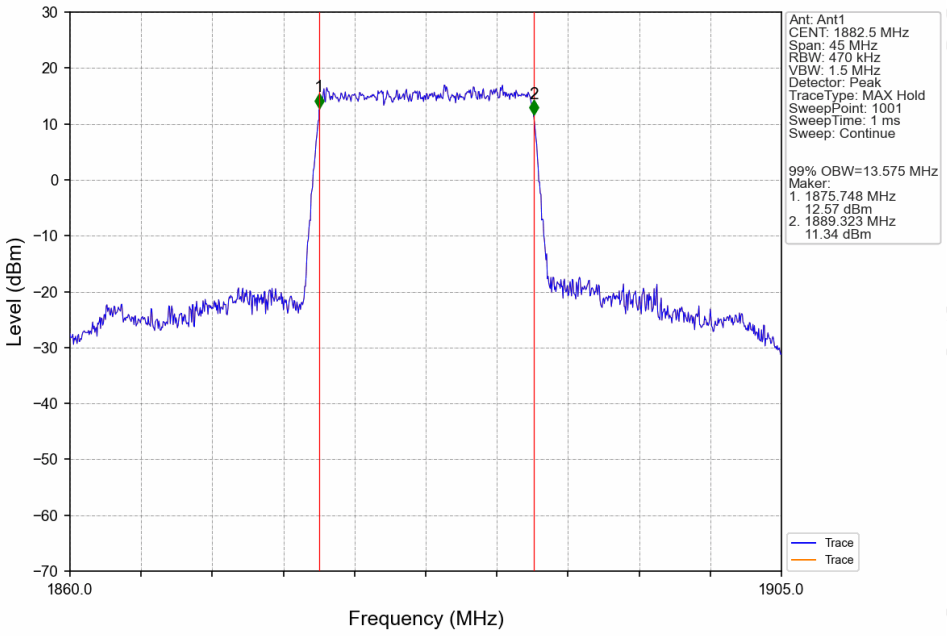
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



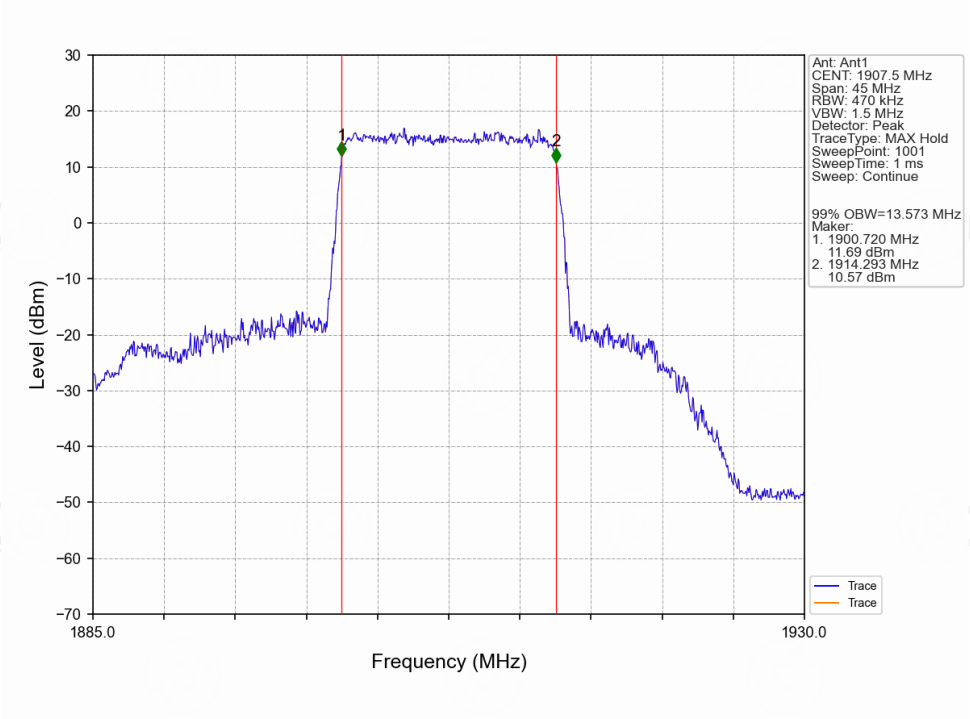
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



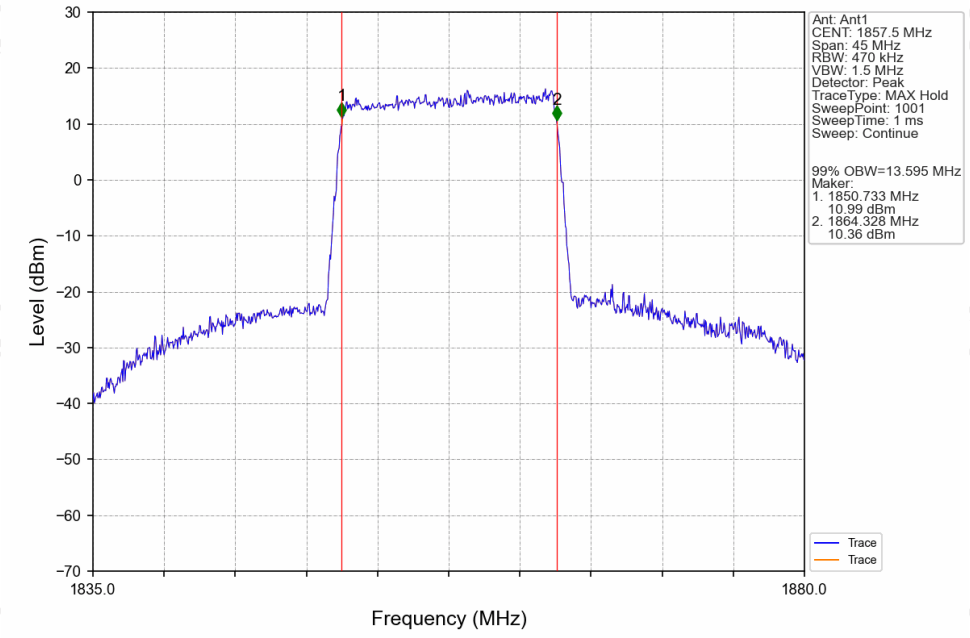
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



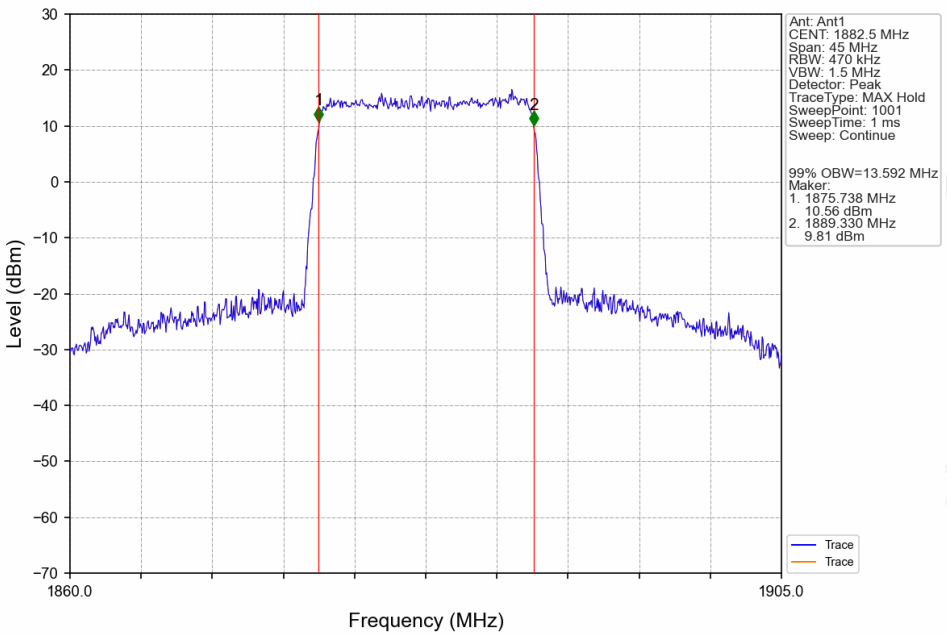
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



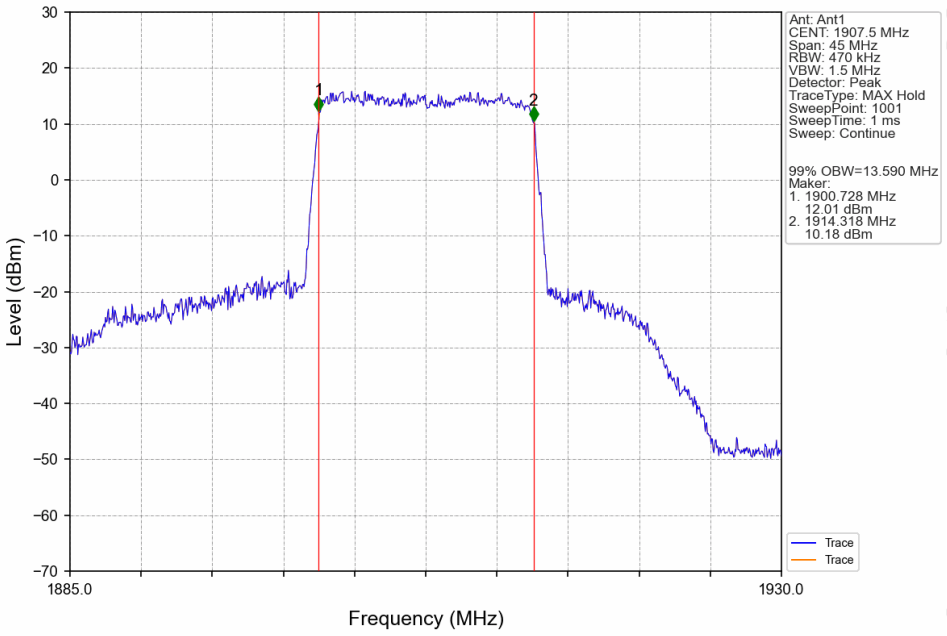
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



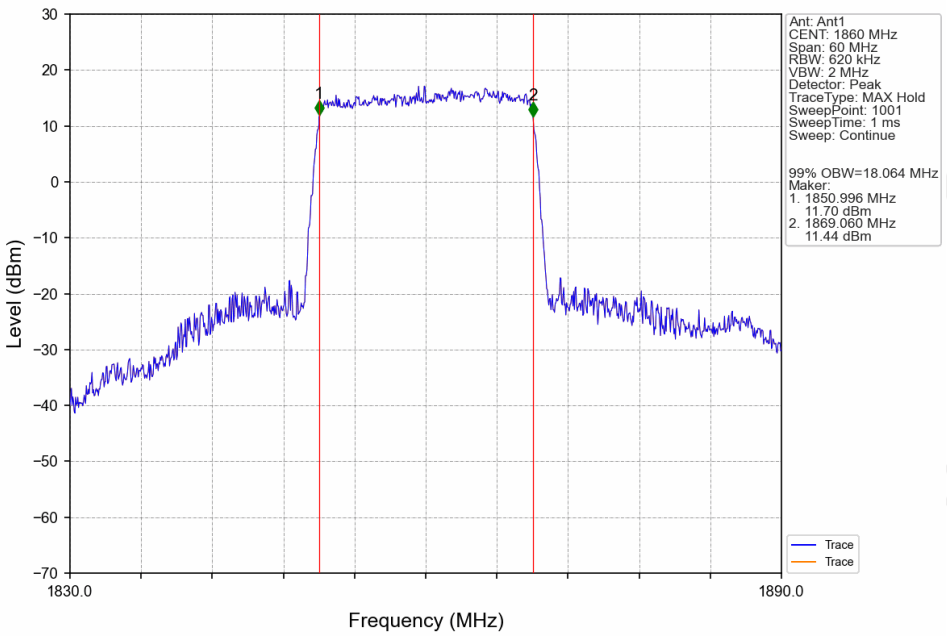
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



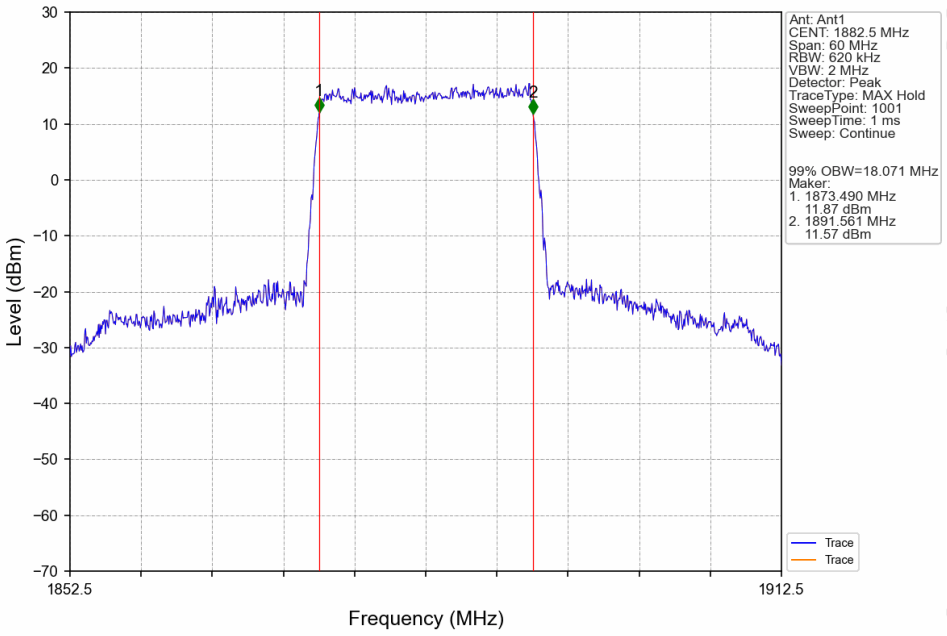
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



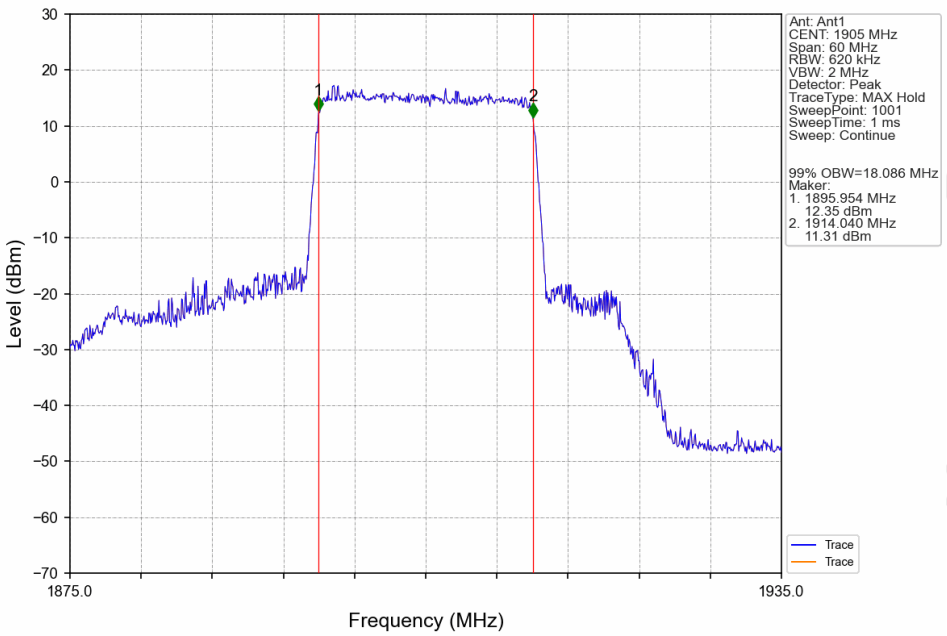
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



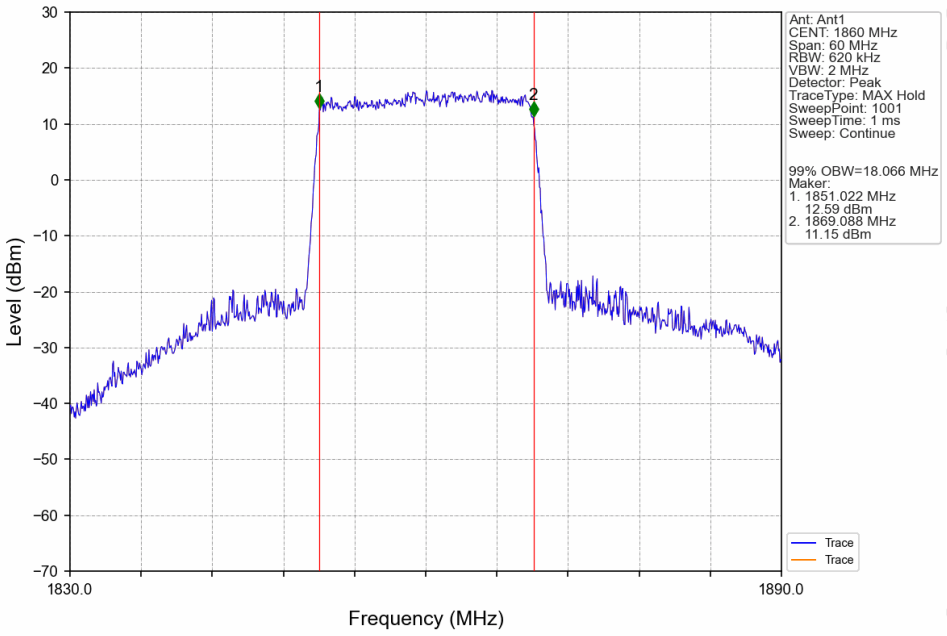
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



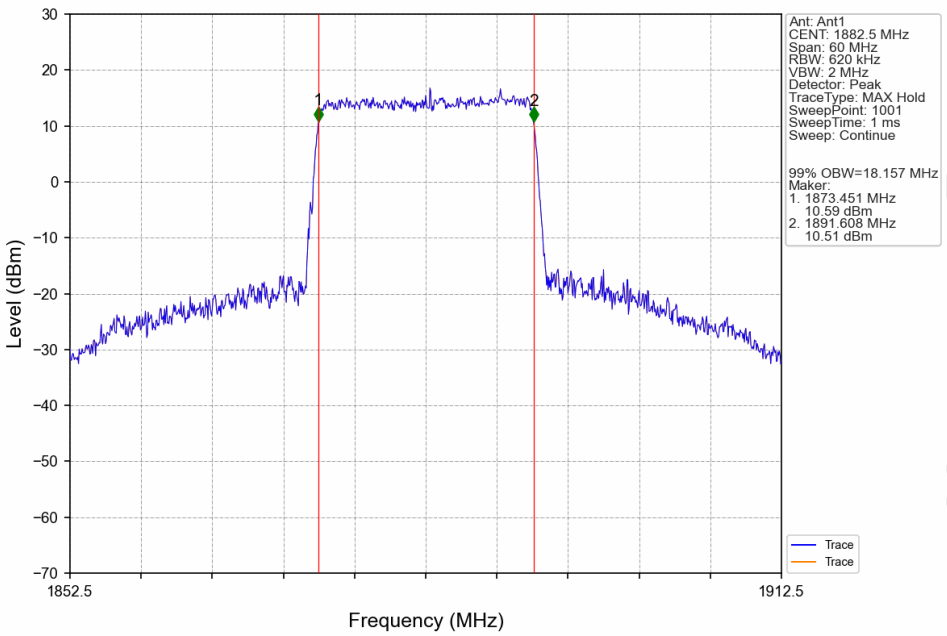
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



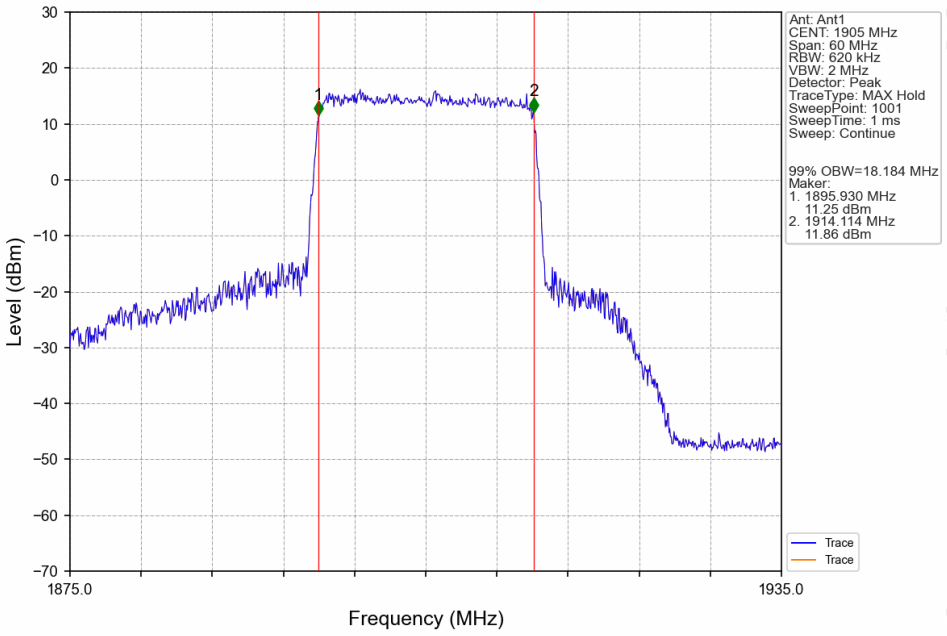
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV

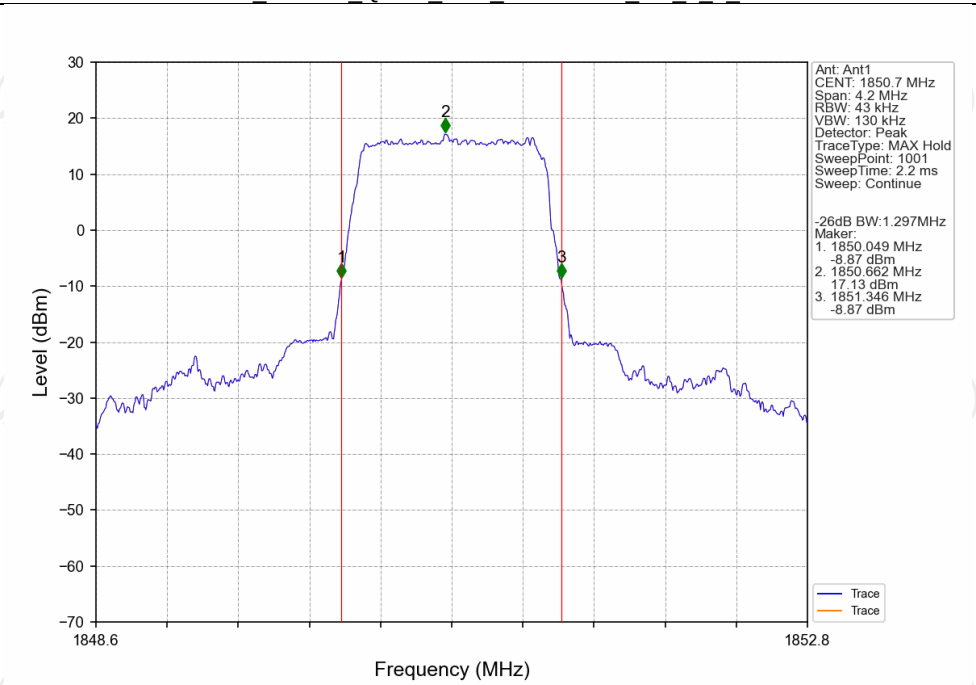


Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

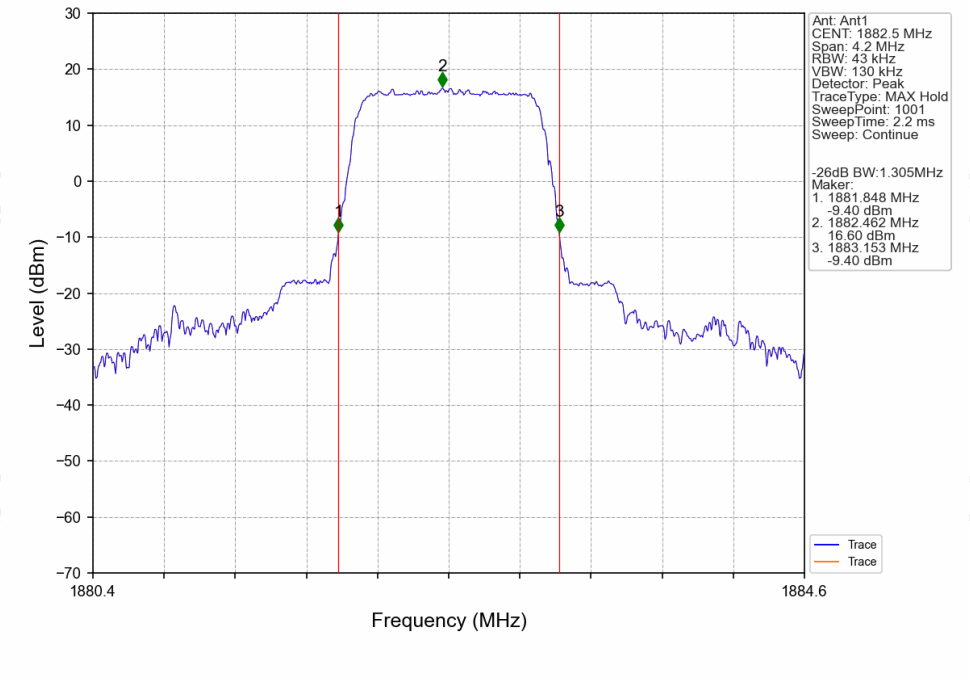


4.2.2 Band25_XDB

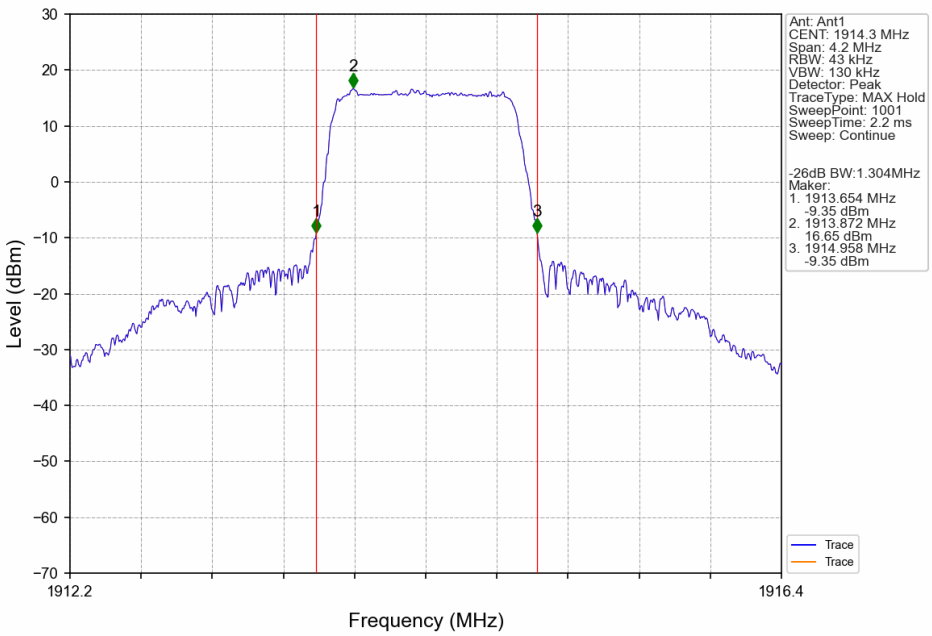
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



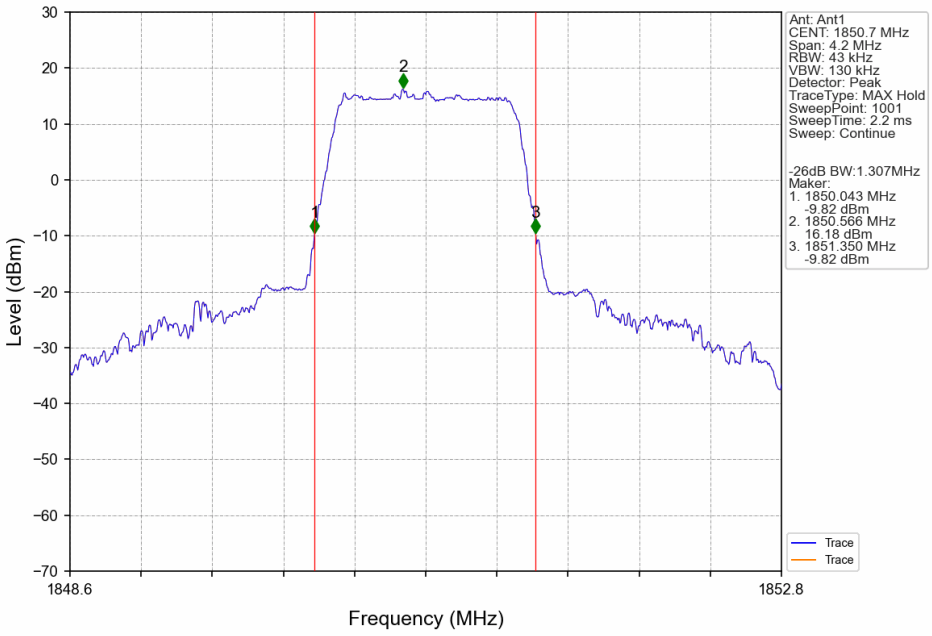
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



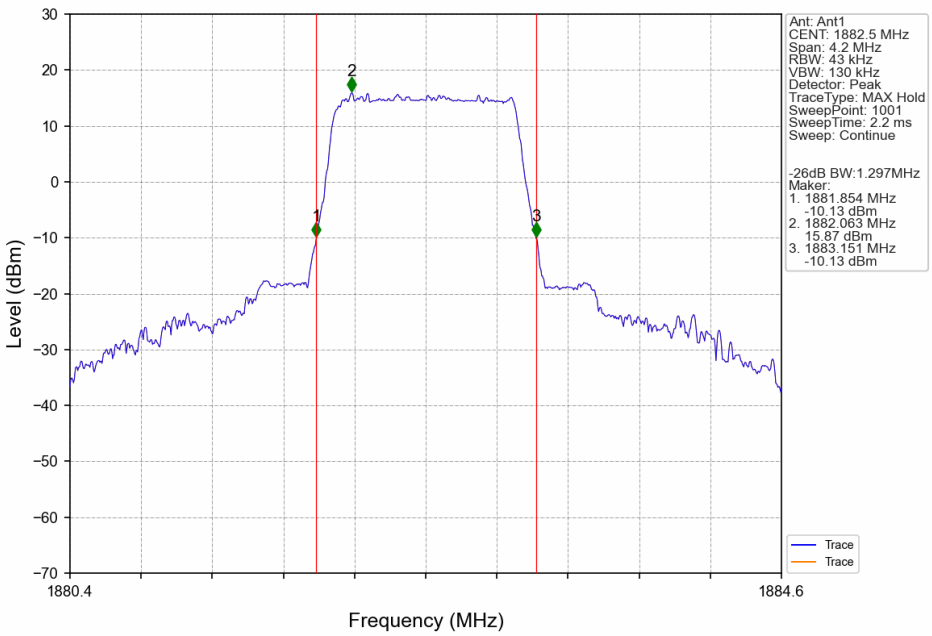
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



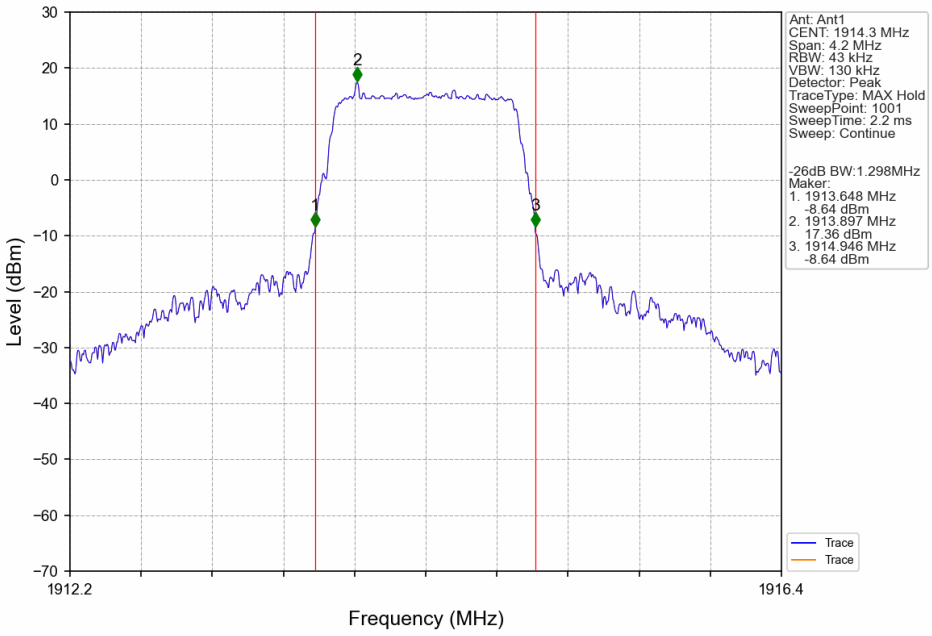
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



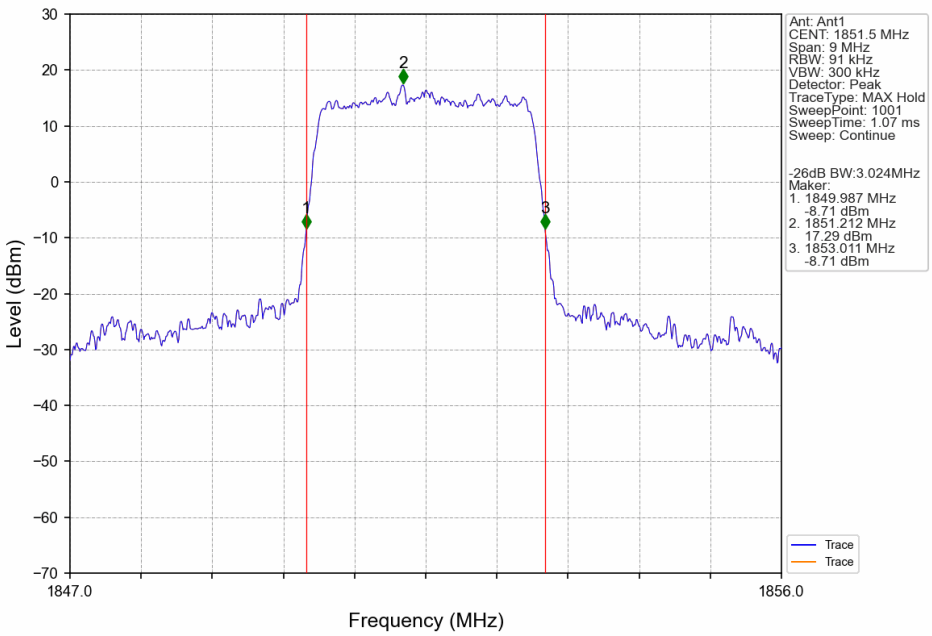
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



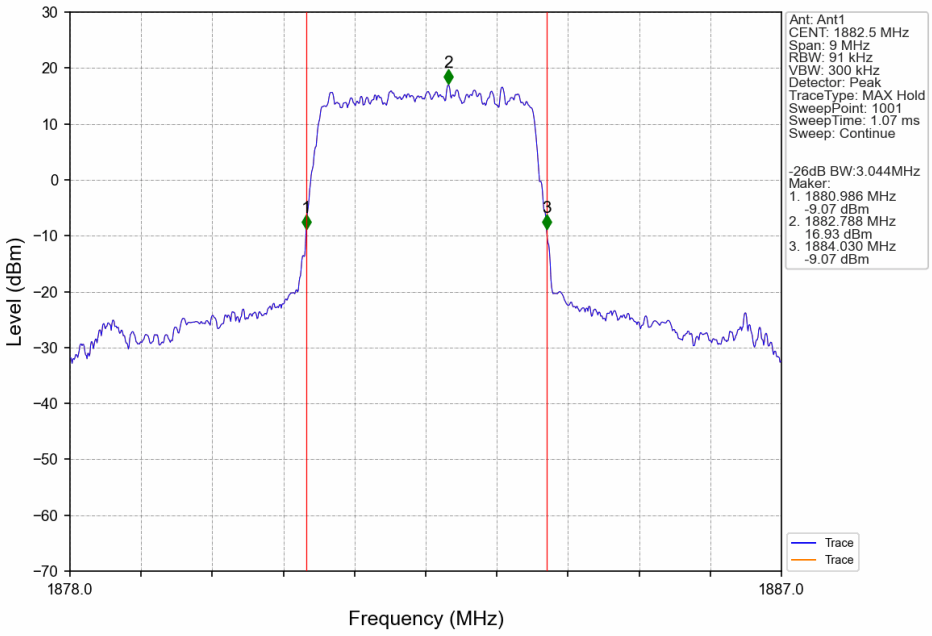
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



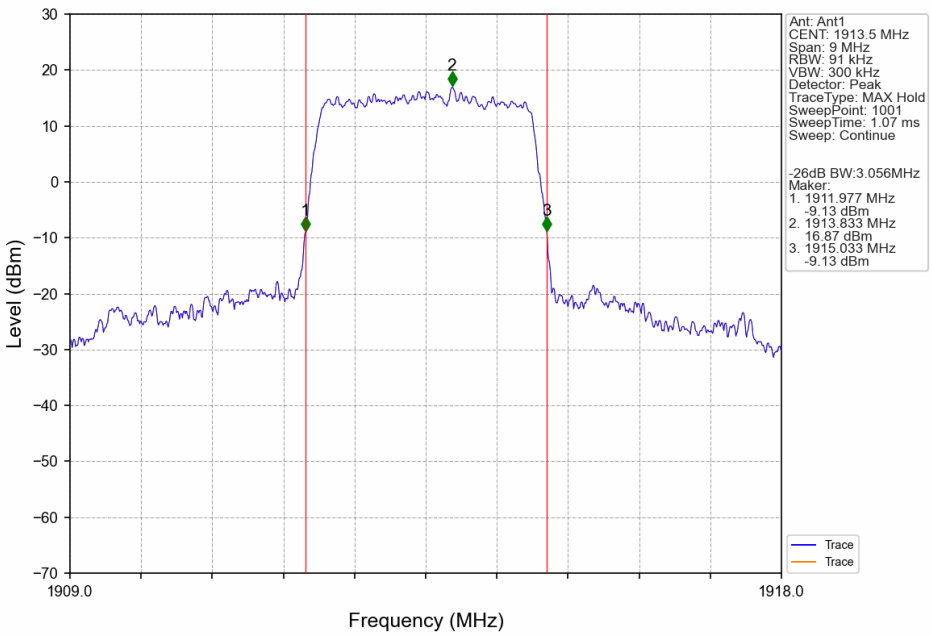
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



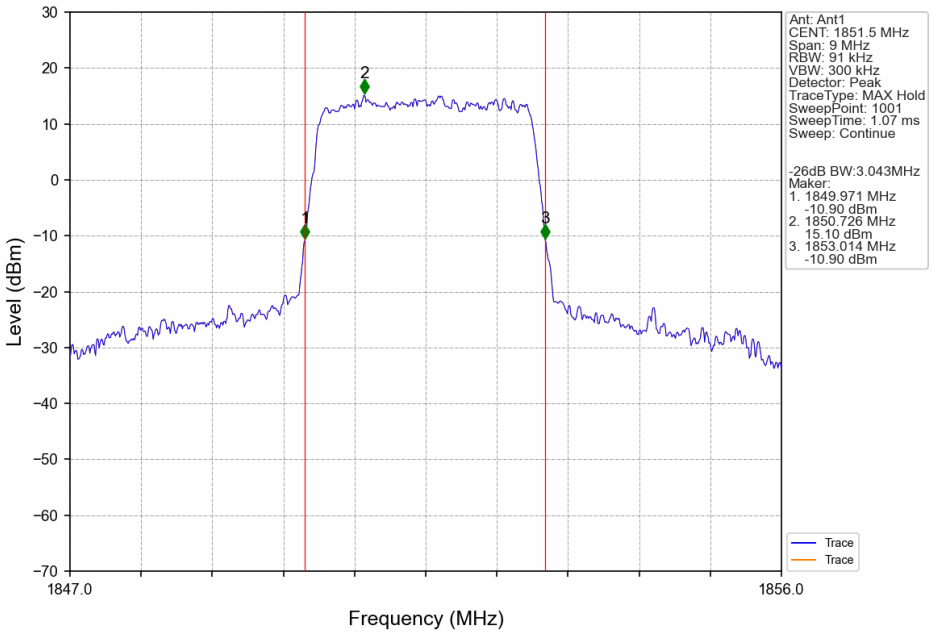
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



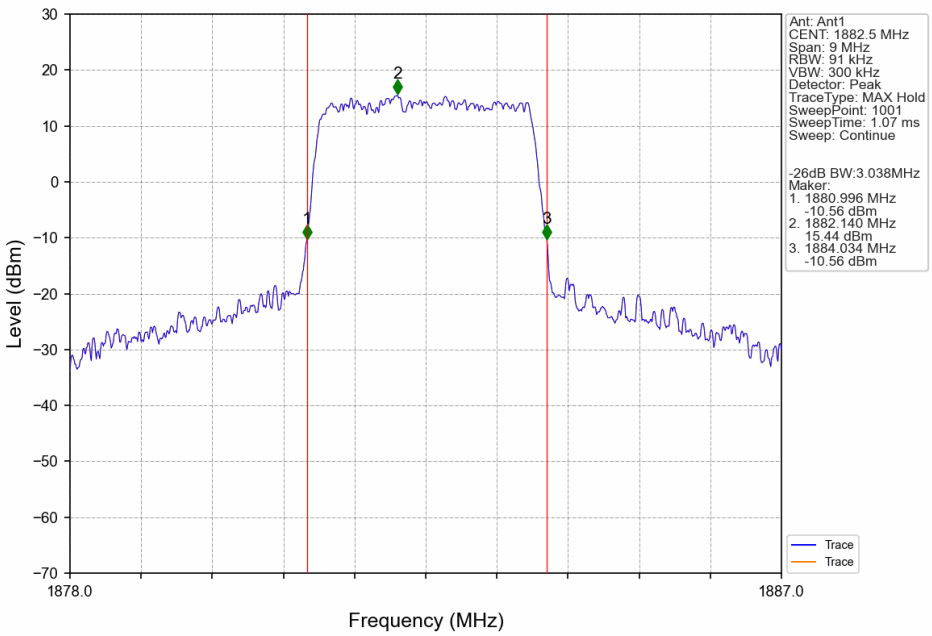
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



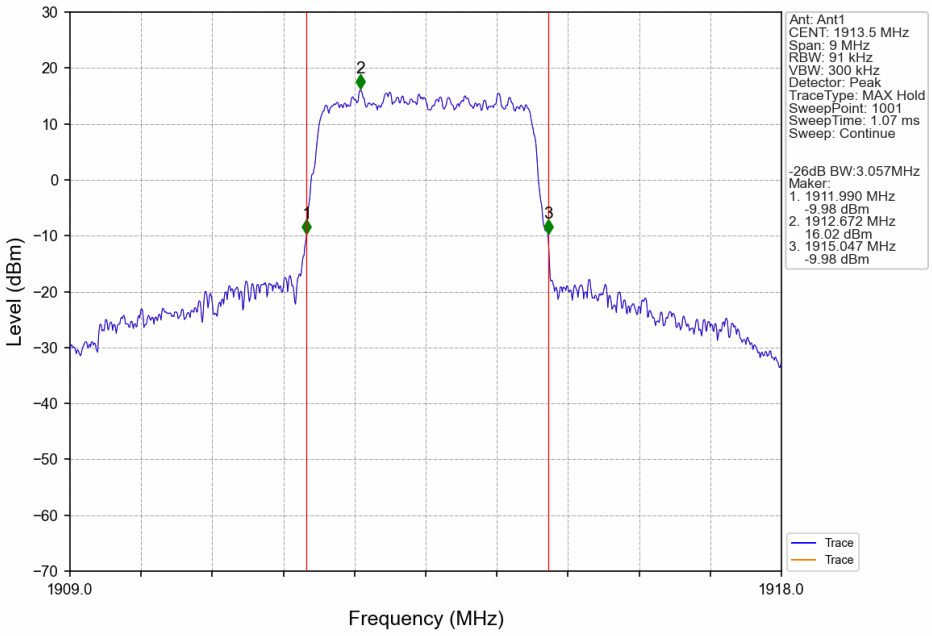
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



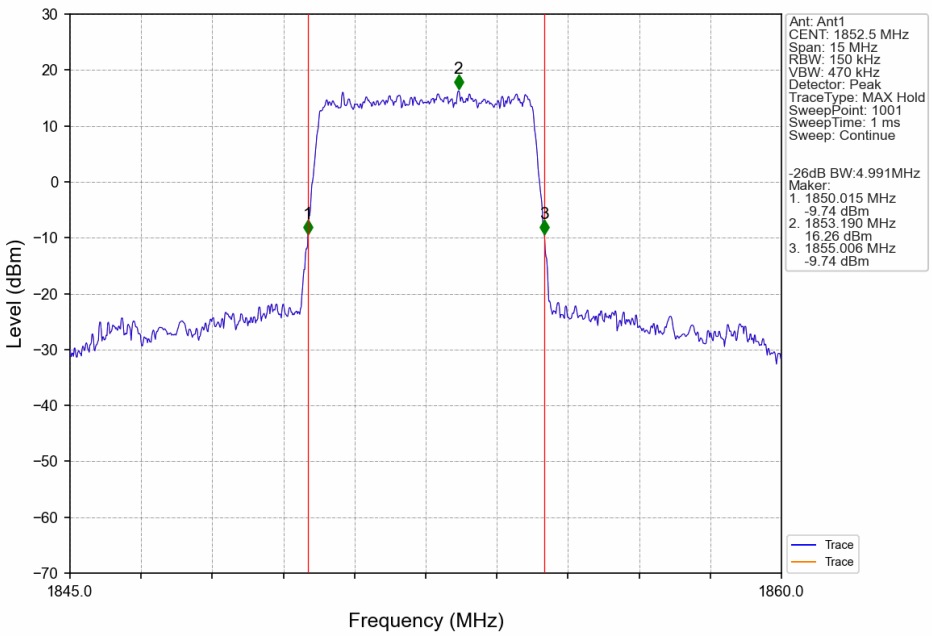
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



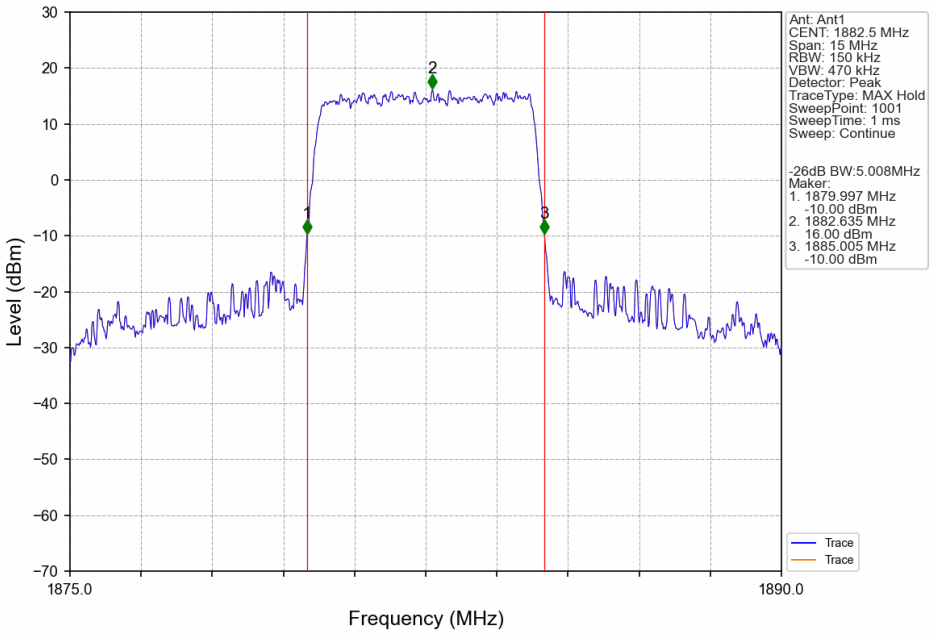
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



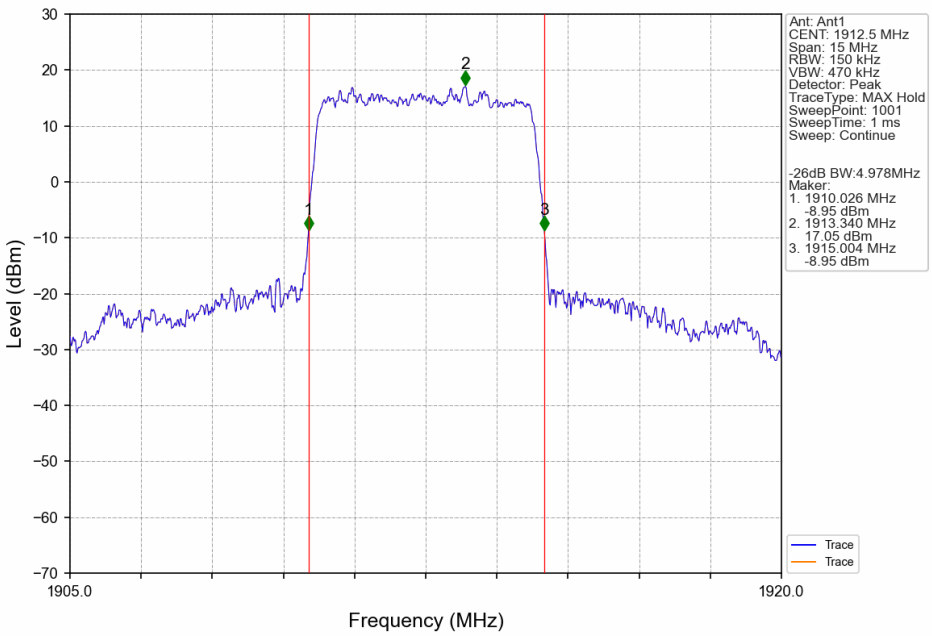
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



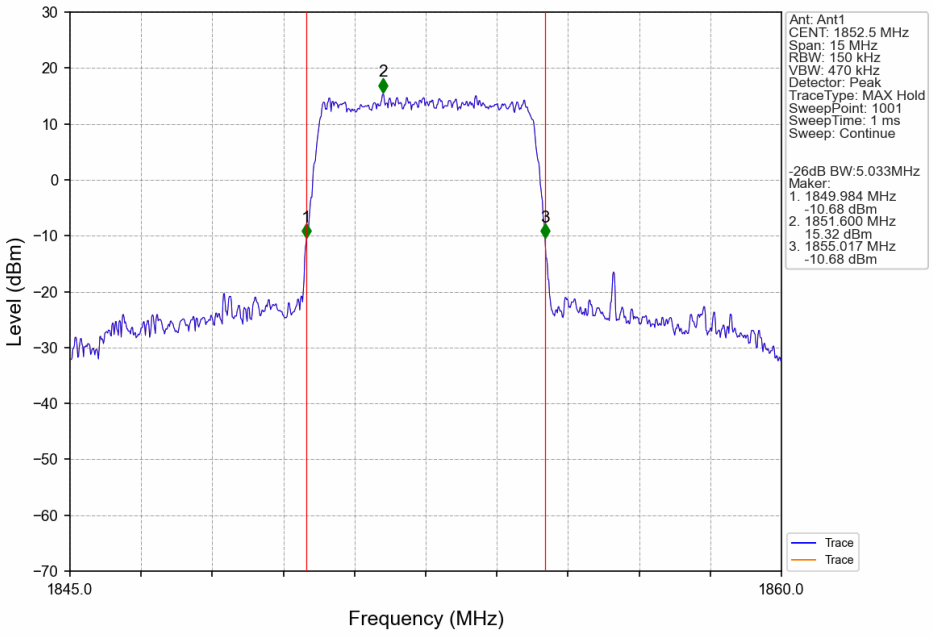
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



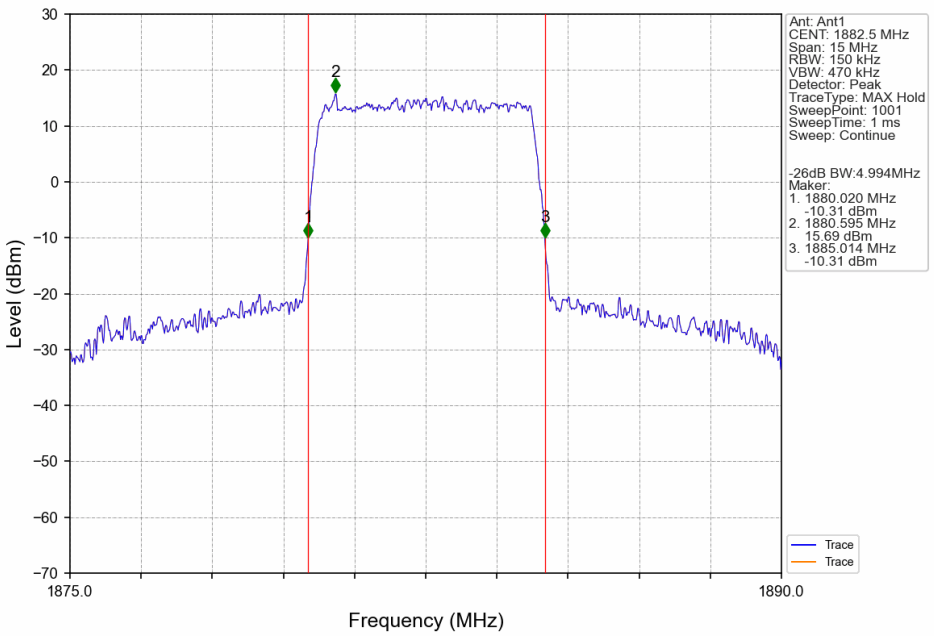
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



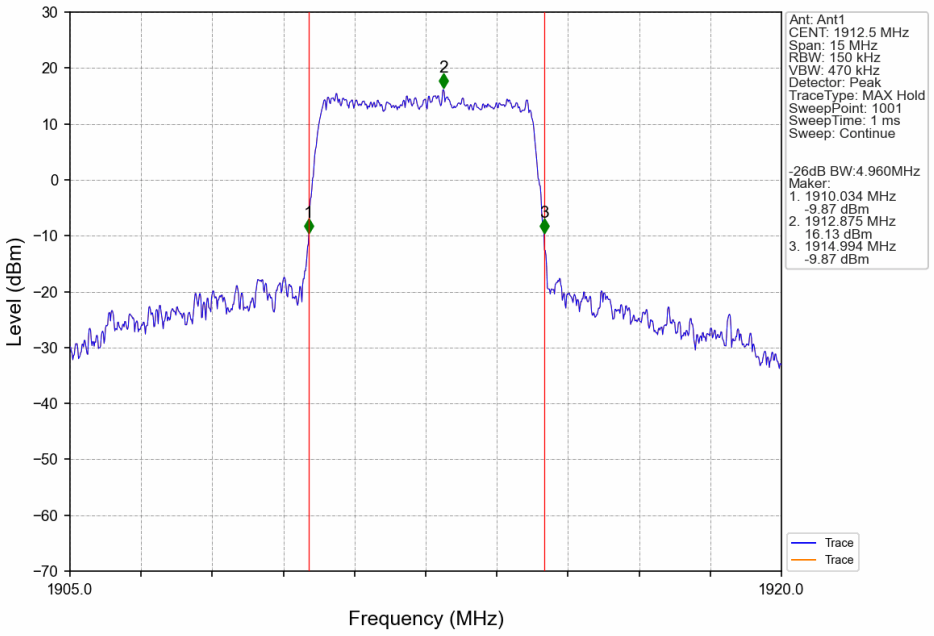
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



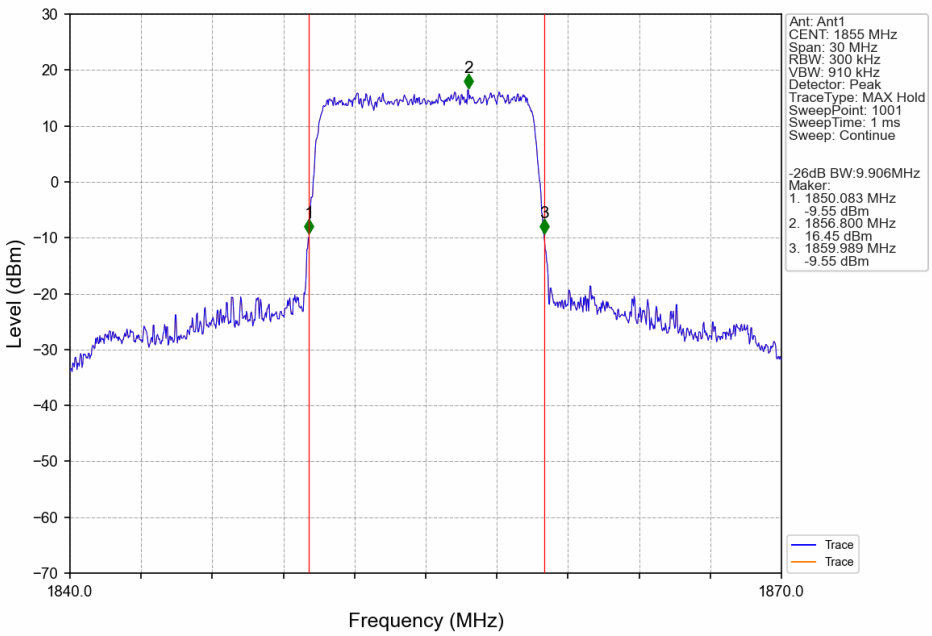
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



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