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	23.86	1.74	25.60	<=33.01	Pass
			2	23.92	1.74	25.66	<=33.01	Pass
			5	23.90	1.74	25.64	<=33.01	Pass
		3	0	24.38	1.74	26.12	<=33.01	Pass
			2	24.41	1.74	26.15	<=33.01	Pass
			3	24.44	1.74	26.18	<=33.01	Pass
		6	0	23.38	1.74	25.12	<=33.01	Pass
	1882.5	1	0	24.03	1.74	25.77	<=33.01	Pass
			2	24.01	1.74	25.75	<=33.01	Pass
			5	24.06	1.74	25.80	<=33.01	Pass
		3	0	24.54	1.74	26.28	<=33.01	Pass
			2	24.56	1.74	26.30	<=33.01	Pass
			3	24.53	1.74	26.27	<=33.01	Pass
		6	0	23.62	1.74	25.36	<=33.01	Pass
	1914.3	1	0	24.05	1.74	25.79	<=33.01	Pass
			2	24.02	1.74	25.76	<=33.01	Pass
			5	24.05	1.74	25.79	<=33.01	Pass
		3	0	24.63	1.74	26.37	<=33.01	Pass
			2	24.36	1.74	26.10	<=33.01	Pass
			3	24.15	1.74	25.89	<=33.01	Pass
		6	0	23.66	1.74	25.40	<=33.01	Pass
16QAM	1850.7	1	0	22.91	1.74	24.65	<=33.01	Pass
			2	22.91	1.74	24.65	<=33.01	Pass
			5	22.91	1.74	24.65	<=33.01	Pass
		3	0	23.44	1.74	25.18	<=33.01	Pass
			2	23.37	1.74	25.11	<=33.01	Pass
			3	23.38	1.74	25.12	<=33.01	Pass
		6	0	22.33	1.74	24.07	<=33.01	Pass
	1882.5	1	0	23.27	1.74	25.01	<=33.01	Pass
			2	23.21	1.74	24.95	<=33.01	Pass
			5	23.24	1.74	24.98	<=33.01	Pass
		3	0	23.54	1.74	25.28	<=33.01	Pass
			2	23.52	1.74	25.26	<=33.01	Pass
			3	23.51	1.74	25.25	<=33.01	Pass
		6	0	22.66	1.74	24.40	<=33.01	Pass
	1914.3	1	0	23.14	1.74	24.88	<=33.01	Pass
			2	23.17	1.74	24.91	<=33.01	Pass
			5	23.18	1.74	24.92	<=33.01	Pass
		3	0	23.63	1.74	25.37	<=33.01	Pass
			2	23.63	1.74	25.37	<=33.01	Pass
			3	23.62	1.74	25.36	<=33.01	Pass
		6	0	22.53	1.74	24.27	<=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	24.00	1.74	25.74	<=33.01	Pass
			7	23.93	1.74	25.67	<=33.01	Pass
			14	23.95	1.74	25.69	<=33.01	Pass
		8	0	23.40	1.74	25.14	<=33.01	Pass
			4	23.42	1.74	25.16	<=33.01	Pass
			7	23.44	1.74	25.18	<=33.01	Pass
		15	0	23.38	1.74	25.12	<=33.01	Pass
	1882.5	1	0	24.14	1.74	25.88	<=33.01	Pass
			7	24.17	1.74	25.91	<=33.01	Pass
			14	24.17	1.74	25.91	<=33.01	Pass
		8	0	23.68	1.74	25.42	<=33.01	Pass
			4	23.63	1.74	25.37	<=33.01	Pass
			7	23.61	1.74	25.35	<=33.01	Pass
		15	0	23.58	1.74	25.32	<=33.01	Pass
	1913.5	1	0	24.01	1.74	25.75	<=33.01	Pass
			7	24.02	1.74	25.76	<=33.01	Pass
			14	23.82	1.74	25.56	<=33.01	Pass
		8	0	23.70	1.74	25.44	<=33.01	Pass
			4	23.71	1.74	25.45	<=33.01	Pass
			7	23.63	1.74	25.37	<=33.01	Pass
		15	0	23.68	1.74	25.42	<=33.01	Pass
16QAM	1851.5	1	0	23.49	1.74	25.23	<=33.01	Pass
			7	23.46	1.74	25.20	<=33.01	Pass
			14	23.49	1.74	25.23	<=33.01	Pass
		8	0	22.56	1.74	24.30	<=33.01	Pass
			4	22.56	1.74	24.30	<=33.01	Pass
			7	22.58	1.74	24.32	<=33.01	Pass
		15	0	22.48	1.74	24.22	<=33.01	Pass
	1882.5	1	0	23.18	1.74	24.92	<=33.01	Pass
			7	23.21	1.74	24.95	<=33.01	Pass
			14	23.20	1.74	24.94	<=33.01	Pass
		8	0	22.72	1.74	24.46	<=33.01	Pass
			4	22.66	1.74	24.40	<=33.01	Pass
			7	22.64	1.74	24.38	<=33.01	Pass
		15	0	22.63	1.74	24.37	<=33.01	Pass
	1913.5	1	0	23.33	1.74	25.07	<=33.01	Pass
			7	23.36	1.74	25.10	<=33.01	Pass
			14	23.38	1.74	25.12	<=33.01	Pass
		8	0	22.66	1.74	24.40	<=33.01	Pass
			4	22.64	1.74	24.38	<=33.01	Pass
			7	22.64	1.74	24.38	<=33.01	Pass
		15	0	22.62	1.74	24.36	<=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	23.97	1.74	25.71	<=33.01	Pass
			13	23.99	1.74	25.73	<=33.01	Pass
			24	24.08	1.74	25.82	<=33.01	Pass
		12	0	23.49	1.74	25.23	<=33.01	Pass
			6	23.45	1.74	25.19	<=33.01	Pass
			13	23.46	1.74	25.20	<=33.01	Pass
		25	0	23.45	1.74	25.19	<=33.01	Pass
	1882.5	1	0	24.35	1.74	26.09	<=33.01	Pass
			13	24.27	1.74	26.01	<=33.01	Pass
			24	24.28	1.74	26.02	<=33.01	Pass
		12	0	23.70	1.74	25.44	<=33.01	Pass
			6	23.69	1.74	25.43	<=33.01	Pass
			13	23.65	1.74	25.39	<=33.01	Pass
		25	0	23.64	1.74	25.38	<=33.01	Pass
	1912.5	1	0	24.19	1.74	25.93	<=33.01	Pass
			13	24.25	1.74	25.99	<=33.01	Pass
			24	23.65	1.74	25.39	<=33.01	Pass
		12	0	23.70	1.74	25.44	<=33.01	Pass
			6	23.68	1.74	25.42	<=33.01	Pass
			13	23.55	1.74	25.29	<=33.01	Pass
		25	0	23.66	1.74	25.40	<=33.01	Pass
16QAM	1852.5	1	0	23.26	1.74	25.00	<=33.01	Pass
			13	23.26	1.74	25.00	<=33.01	Pass
			24	23.32	1.74	25.06	<=33.01	Pass
		12	0	22.46	1.74	24.20	<=33.01	Pass
			6	22.48	1.74	24.22	<=33.01	Pass
			13	22.47	1.74	24.21	<=33.01	Pass
		25	0	22.46	1.74	24.20	<=33.01	Pass
	1882.5	1	0	23.01	1.74	24.75	<=33.01	Pass
			13	23.04	1.74	24.78	<=33.01	Pass
			24	23.01	1.74	24.75	<=33.01	Pass
		12	0	22.69	1.74	24.43	<=33.01	Pass
			6	22.65	1.74	24.39	<=33.01	Pass
			13	22.60	1.74	24.34	<=33.01	Pass
		25	0	22.71	1.74	24.45	<=33.01	Pass
	1912.5	1	0	23.25	1.74	24.99	<=33.01	Pass
			13	23.21	1.74	24.95	<=33.01	Pass
			24	23.24	1.74	24.98	<=33.01	Pass
		12	0	22.68	1.74	24.42	<=33.01	Pass
			6	22.71	1.74	24.45	<=33.01	Pass
			13	22.56	1.74	24.30	<=33.01	Pass
		25	0	22.69	1.74	24.43	<=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	23.91	1.74	25.65	<=33.01	Pass
			25	23.97	1.74	25.71	<=33.01	Pass
			49	23.98	1.74	25.72	<=33.01	Pass
		25	0	23.42	1.74	25.16	<=33.01	Pass
			13	23.51	1.74	25.25	<=33.01	Pass
			25	23.59	1.74	25.33	<=33.01	Pass
		50	0	23.59	1.74	25.33	<=33.01	Pass
	1882.5	1	0	24.19	1.74	25.93	<=33.01	Pass
			25	24.17	1.74	25.91	<=33.01	Pass
			49	24.13	1.74	25.87	<=33.01	Pass
		25	0	23.71	1.74	25.45	<=33.01	Pass
			13	23.66	1.74	25.40	<=33.01	Pass
			25	23.71	1.74	25.45	<=33.01	Pass
		50	0	23.72	1.74	25.46	<=33.01	Pass
	1910	1	0	24.08	1.74	25.82	<=33.01	Pass
			25	24.18	1.74	25.92	<=33.01	Pass
			49	23.90	1.74	25.64	<=33.01	Pass
		25	0	23.65	1.74	25.39	<=33.01	Pass
			13	23.70	1.74	25.44	<=33.01	Pass
			25	23.58	1.74	25.32	<=33.01	Pass
		50	0	23.67	1.74	25.41	<=33.01	Pass
16QAM	1855	1	0	23.06	1.74	24.80	<=33.01	Pass
			25	23.17	1.74	24.91	<=33.01	Pass
			49	23.18	1.74	24.92	<=33.01	Pass
		25	0	22.48	1.74	24.22	<=33.01	Pass
			13	22.57	1.74	24.31	<=33.01	Pass
			25	22.60	1.74	24.34	<=33.01	Pass
		50	0	22.52	1.74	24.26	<=33.01	Pass
	1882.5	1	0	23.68	1.74	25.42	<=33.01	Pass
			25	23.68	1.74	25.42	<=33.01	Pass
			49	23.69	1.74	25.43	<=33.01	Pass
		25	0	22.77	1.74	24.51	<=33.01	Pass
			13	22.70	1.74	24.44	<=33.01	Pass
			25	22.74	1.74	24.48	<=33.01	Pass
		50	0	22.74	1.74	24.48	<=33.01	Pass
	1910	1	0	23.10	1.74	24.84	<=33.01	Pass
			25	23.21	1.74	24.95	<=33.01	Pass
			49	23.20	1.74	24.94	<=33.01	Pass
		25	0	22.77	1.74	24.51	<=33.01	Pass
			13	22.72	1.74	24.46	<=33.01	Pass
			25	22.65	1.74	24.39	<=33.01	Pass
		50	0	22.61	1.74	24.35	<=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	23.86	1.74	25.60	<=33.01	Pass
			38	24.03	1.74	25.77	<=33.01	Pass
			74	24.02	1.74	25.76	<=33.01	Pass
		36	0	23.37	1.74	25.11	<=33.01	Pass
			18	23.46	1.74	25.20	<=33.01	Pass
			39	23.54	1.74	25.28	<=33.01	Pass
		75	0	23.47	1.74	25.21	<=33.01	Pass
	1882.5	1	0	24.10	1.74	25.84	<=33.01	Pass
			38	24.18	1.74	25.92	<=33.01	Pass
			74	24.03	1.74	25.77	<=33.01	Pass
		36	0	23.63	1.74	25.37	<=33.01	Pass
			18	23.61	1.74	25.35	<=33.01	Pass
			39	23.59	1.74	25.33	<=33.01	Pass
		75	0	23.69	1.74	25.43	<=33.01	Pass
	1907.5	1	0	24.00	1.74	25.74	<=33.01	Pass
			38	24.00	1.74	25.74	<=33.01	Pass
			74	24.03	1.74	25.77	<=33.01	Pass
		36	0	23.61	1.74	25.35	<=33.01	Pass
			18	23.61	1.74	25.35	<=33.01	Pass
			39	23.57	1.74	25.31	<=33.01	Pass
		75	0	23.64	1.74	25.38	<=33.01	Pass
16QAM	1857.5	1	0	23.06	1.74	24.80	<=33.01	Pass
			38	23.15	1.74	24.89	<=33.01	Pass
			74	23.21	1.74	24.95	<=33.01	Pass
		36	0	22.39	1.74	24.13	<=33.01	Pass
			18	22.51	1.74	24.25	<=33.01	Pass
			39	22.64	1.74	24.38	<=33.01	Pass
		75	0	22.50	1.74	24.24	<=33.01	Pass
	1882.5	1	0	23.66	1.74	25.40	<=33.01	Pass
			38	23.69	1.74	25.43	<=33.01	Pass
			74	23.62	1.74	25.36	<=33.01	Pass
		36	0	22.69	1.74	24.43	<=33.01	Pass
			18	22.69	1.74	24.43	<=33.01	Pass
			39	22.60	1.74	24.34	<=33.01	Pass
		75	0	22.64	1.74	24.38	<=33.01	Pass
	1907.5	1	0	23.43	1.74	25.17	<=33.01	Pass
			38	23.46	1.74	25.20	<=33.01	Pass
			74	23.42	1.74	25.16	<=33.01	Pass
		36	0	22.56	1.74	24.30	<=33.01	Pass
			18	22.62	1.74	24.36	<=33.01	Pass
			39	22.63	1.74	24.37	<=33.01	Pass
		75	0	22.57	1.74	24.31	<=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	23.81	1.74	25.55	<=33.01	Pass
			50	24.05	1.74	25.79	<=33.01	Pass
			99	24.06	1.74	25.80	<=33.01	Pass
		50	0	23.35	1.74	25.09	<=33.01	Pass
			25	23.57	1.74	25.31	<=33.01	Pass
			50	23.57	1.74	25.31	<=33.01	Pass
		100	0	23.43	1.74	25.17	<=33.01	Pass
	1882.5	1	0	24.10	1.74	25.84	<=33.01	Pass
			50	24.15	1.74	25.89	<=33.01	Pass
			99	24.11	1.74	25.85	<=33.01	Pass
		50	0	23.71	1.74	25.45	<=33.01	Pass
			25	23.74	1.74	25.48	<=33.01	Pass
			50	23.75	1.74	25.49	<=33.01	Pass
		100	0	23.66	1.74	25.40	<=33.01	Pass
	1905	1	0	24.05	1.74	25.79	<=33.01	Pass
			50	24.10	1.74	25.84	<=33.01	Pass
			99	24.09	1.74	25.83	<=33.01	Pass
		50	0	23.68	1.74	25.42	<=33.01	Pass
			25	23.67	1.74	25.41	<=33.01	Pass
			50	23.60	1.74	25.34	<=33.01	Pass
		100	0	23.64	1.74	25.38	<=33.01	Pass
16QAM	1860	1	0	23.04	1.74	24.78	<=33.01	Pass
			50	23.29	1.74	25.03	<=33.01	Pass
			99	23.25	1.74	24.99	<=33.01	Pass
		50	0	22.33	1.74	24.07	<=33.01	Pass
			25	22.52	1.74	24.26	<=33.01	Pass
			50	22.57	1.74	24.31	<=33.01	Pass
		100	0	22.46	1.74	24.20	<=33.01	Pass
	1882.5	1	0	23.37	1.74	25.11	<=33.01	Pass
			50	23.42	1.74	25.16	<=33.01	Pass
			99	23.35	1.74	25.09	<=33.01	Pass
		50	0	22.64	1.74	24.38	<=33.01	Pass
			25	22.71	1.74	24.45	<=33.01	Pass
			50	22.70	1.74	24.44	<=33.01	Pass
		100	0	22.70	1.74	24.44	<=33.01	Pass
	1905	1	0	23.59	1.74	25.33	<=33.01	Pass
			50	23.71	1.74	25.45	<=33.01	Pass
			99	23.72	1.74	25.46	<=33.01	Pass
		50	0	22.69	1.74	24.43	<=33.01	Pass
			25	22.65	1.74	24.39	<=33.01	Pass
			50	22.53	1.74	24.27	<=33.01	Pass
		100	0	22.62	1.74	24.36	<=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	10.514	0.0057	-2.5 to 2.5	Pass
					3.85	18.511	0.0100	-2.5 to 2.5	Pass
					4.43	9.584	0.0052	-2.5 to 2.5	Pass
				-30	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				-20	3.85	25.005	0.0135	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				0	3.85	14.319	0.0077	-2.5 to 2.5	Pass
				10	3.85	16.780	0.0091	-2.5 to 2.5	Pass
				30	3.85	-7.710	-0.0042	-2.5 to 2.5	Pass
				40	3.85	8.912	0.0048	-2.5 to 2.5	Pass
				50	3.85	15.635	0.0084	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-9.985	-0.0053	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
					4.43	-9.241	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	3.462	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	8.712	0.0046	-2.5 to 2.5	Pass
				0	3.85	11.859	0.0063	-2.5 to 2.5	Pass
				10	3.85	-7.911	-0.0042	-2.5 to 2.5	Pass
				30	3.85	10.586	0.0056	-2.5 to 2.5	Pass
				40	3.85	2.575	0.0014	-2.5 to 2.5	Pass
				50	3.85	9.971	0.0053	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	2.675	0.0014	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.194	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				0	3.85	11.330	0.0059	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0029	-2.5 to 2.5	Pass
				30	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				50	3.85	3.805	0.0020	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	1.831	0.0010	-2.5 to 2.5	Pass
					3.85	8.383	0.0045	-2.5 to 2.5	Pass
					4.43	-8.254	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				-20	3.85	16.723	0.0090	-2.5 to 2.5	Pass
				-10	3.85	14.992	0.0081	-2.5 to 2.5	Pass
				0	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				10	3.85	5.965	0.0032	-2.5 to 2.5	Pass
				30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				50	3.85	13.790	0.0075	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	0.458	0.0002	-2.5 to 2.5	Pass
					3.85	5.336	0.0028	-2.5 to 2.5	Pass
					4.43	-4.807	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-12.016	-0.0064	-2.5 to 2.5	Pass

				0	3.85	8.540	0.0045	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-6.809	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-13.247	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-0.701	-0.0004	-2.5 to 2.5	Pass
					3.85	0.730	0.0004	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	7.782	0.0041	-2.5 to 2.5	Pass
				-20	3.85	10.200	0.0053	-2.5 to 2.5	Pass
				-10	3.85	7.868	0.0041	-2.5 to 2.5	Pass
				0	3.85	17.824	0.0093	-2.5 to 2.5	Pass
				10	3.85	-6.409	-0.0033	-2.5 to 2.5	Pass
				30	3.85	5.822	0.0030	-2.5 to 2.5	Pass
				40	3.85	2.704	0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0002	-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	-1.302	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
					4.43	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.405	0.0018	-2.5 to 2.5	Pass
				-10	3.85	13.361	0.0072	-2.5 to 2.5	Pass
				0	3.85	-14.749	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-4.921	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-13.590	-0.0073	-2.5 to 2.5	Pass
				40	3.85	12.703	0.0069	-2.5 to 2.5	Pass
				50	3.85	17.452	0.0094	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-8.497	-0.0045	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
					4.43	10.929	0.0058	-2.5 to 2.5	Pass
				-30	3.85	14.191	0.0075	-2.5 to 2.5	Pass
				-20	3.85	-8.368	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	4.363	0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				10	3.85	4.077	0.0022	-2.5 to 2.5	Pass
				30	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				40	3.85	10.099	0.0054	-2.5 to 2.5	Pass
				50	3.85	9.656	0.0051	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	0.443	0.0002	-2.5 to 2.5	Pass
					3.85	-7.081	-0.0037	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	11.230	0.0059	-2.5 to 2.5	Pass
				-10	3.85	9.828	0.0051	-2.5 to 2.5	Pass
				0	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
				10	3.85	10.443	0.0055	-2.5 to 2.5	Pass
				30	3.85	9.527	0.0050	-2.5 to 2.5	Pass
				40	3.85	-4.306	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	16.923	0.0091	-2.5 to 2.5	Pass
					3.85	5.064	0.0027	-2.5 to 2.5	Pass
					4.43	-2.403	-0.0013	-2.5 to 2.5	Pass

				-30	3.85	16.322	0.0088	-2.5 to 2.5	Pass
				-20	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				-10	3.85	8.612	0.0047	-2.5 to 2.5	Pass
				0	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				10	3.85	5.951	0.0032	-2.5 to 2.5	Pass
				30	3.85	12.188	0.0066	-2.5 to 2.5	Pass
				40	3.85	-10.471	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-15.507	-0.0084	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-6.552	-0.0035	-2.5 to 2.5	Pass
					3.85	5.679	0.0030	-2.5 to 2.5	Pass
					4.43	7.839	0.0042	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass
				10	3.85	7.381	0.0039	-2.5 to 2.5	Pass
				30	3.85	14.606	0.0078	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				50	3.85	10.543	0.0056	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-1.030	-0.0005	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0038	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.802	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-10.715	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-10.772	-0.0056	-2.5 to 2.5	Pass
				30	3.85	6.251	0.0033	-2.5 to 2.5	Pass
				40	3.85	-11.230	-0.0059	-2.5 to 2.5	Pass
				50	3.85	11.730	0.0061	-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	-9.727	-0.0053	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
					4.43	8.497	0.0046	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	4.392	0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0000	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-3.734	-0.0020	-2.5 to 2.5	Pass
					3.85	5.822	0.0031	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-12.674	-0.0067	-2.5 to 2.5	Pass
				0	3.85	9.170	0.0049	-2.5 to 2.5	Pass
				10	3.85	15.349	0.0082	-2.5 to 2.5	Pass
				30	3.85	5.236	0.0028	-2.5 to 2.5	Pass
				40	3.85	8.955	0.0048	-2.5 to 2.5	Pass
				50	3.85	-6.666	-0.0035	-2.5 to 2.5	Pass

	1912.5	25	0	20	3.27	4.592	0.0024	-2.5 to 2.5	Pass
					3.85	-0.043	0.0000	-2.5 to 2.5	Pass
					4.43	4.435	0.0023	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	12.832	0.0067	-2.5 to 2.5	Pass
				-10	3.85	6.952	0.0036	-2.5 to 2.5	Pass
				0	3.85	5.121	0.0027	-2.5 to 2.5	Pass
				10	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				30	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				40	3.85	3.662	0.0019	-2.5 to 2.5	Pass
				50	3.85	3.619	0.0019	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	5.465	0.0030	-2.5 to 2.5	Pass
					3.85	-9.913	-0.0054	-2.5 to 2.5	Pass
					4.43	-14.277	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-10.529	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				10	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				30	3.85	-7.367	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	3.247	0.0017	-2.5 to 2.5	Pass
					3.85	1.945	0.0010	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	11.644	0.0062	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	5.651	0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				10	3.85	8.082	0.0043	-2.5 to 2.5	Pass
				30	3.85	4.234	0.0022	-2.5 to 2.5	Pass
				40	3.85	9.284	0.0049	-2.5 to 2.5	Pass
				50	3.85	7.024	0.0037	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	6.781	0.0035	-2.5 to 2.5	Pass
					3.85	2.217	0.0012	-2.5 to 2.5	Pass
					4.43	11.930	0.0062	-2.5 to 2.5	Pass
				-30	3.85	7.968	0.0042	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-5.407	-0.0028	-2.5 to 2.5	Pass
				10	3.85	9.584	0.0050	-2.5 to 2.5	Pass
				30	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				40	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				50	3.85	12.960	0.0068	-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	1.187	0.0006	-2.5 to 2.5	Pass
					3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
					4.43	0.615	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	3.676	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				10	3.85	3.347	0.0018	-2.5 to 2.5	Pass

				30	3.85	5.693	0.0031	-2.5 to 2.5	Pass
				40	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.245	0.0007	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-1.645	-0.0009	-2.5 to 2.5	Pass
					3.85	1.531	0.0008	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	4.377	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				10	3.85	5.150	0.0027	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	1.945	0.0010	-2.5 to 2.5	Pass
					3.85	4.535	0.0024	-2.5 to 2.5	Pass
					4.43	5.965	0.0031	-2.5 to 2.5	Pass
				-30	3.85	4.735	0.0025	-2.5 to 2.5	Pass
				-20	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				-10	3.85	7.839	0.0041	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				30	3.85	6.809	0.0036	-2.5 to 2.5	Pass
				40	3.85	5.007	0.0026	-2.5 to 2.5	Pass
				50	3.85	8.397	0.0044	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	6.881	0.0037	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
					4.43	5.164	0.0028	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				10	3.85	6.108	0.0033	-2.5 to 2.5	Pass
				30	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				40	3.85	1.874	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0002	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-3.376	-0.0018	-2.5 to 2.5	Pass
					3.85	0.458	0.0002	-2.5 to 2.5	Pass
					4.43	-1.645	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	5.636	0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.764	-0.0025	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	4.592	0.0024	-2.5 to 2.5	Pass
					3.85	7.367	0.0039	-2.5 to 2.5	Pass
					4.43	3.605	0.0019	-2.5 to 2.5	Pass
				-30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				-20	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				-10	3.85	2.189	0.0011	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				30	3.85	-6.351	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-5.708	-0.0030	-2.5 to 2.5	Pass
				50	3.85	0.901	0.0005	-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	2.689	0.0014	-2.5 to 2.5	Pass
					3.85	5.035	0.0027	-2.5 to 2.5	Pass
					4.43	7.038	0.0038	-2.5 to 2.5	Pass
				-30	3.85	2.160	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				50	3.85	-3.591	-0.0019	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-0.844	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.315	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0013	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				10	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				40	3.85	6.552	0.0035	-2.5 to 2.5	Pass
				50	3.85	1.888	0.0010	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	1.988	0.0010	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
					4.43	0.501	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				0	3.85	3.104	0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0018	-2.5 to 2.5	Pass
				30	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				40	3.85	4.420	0.0023	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-1.116	-0.0006	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	1.688	0.0009	-2.5 to 2.5	Pass
				-30	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				-20	3.85	3.319	0.0018	-2.5 to 2.5	Pass
				-10	3.85	4.606	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.061	0.0016	-2.5 to 2.5	Pass
				10	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				30	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.933	0.0016	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	0.257	0.0001	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.933	0.0016	-2.5 to 2.5	Pass
				0	3.85	4.821	0.0026	-2.5 to 2.5	Pass
				10	3.85	5.493	0.0029	-2.5 to 2.5	Pass
				30	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass

	1907.5	75	0	20	3.27	4.134	0.0022	-2.5 to 2.5	Pass
					3.85	5.493	0.0029	-2.5 to 2.5	Pass
					4.43	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-3.304	-0.0017	-2.5 to 2.5	Pass
				0	3.85	3.133	0.0016	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				30	3.85	3.433	0.0018	-2.5 to 2.5	Pass
				40	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.016	-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	-4.864	-0.0026	-2.5 to 2.5	Pass
					3.85	2.289	0.0012	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
				30	3.85	2.704	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				50	3.85	3.119	0.0017	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	0.901	0.0005	-2.5 to 2.5	Pass
					3.85	1.616	0.0009	-2.5 to 2.5	Pass
					4.43	1.745	0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.505	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.85	1.745	0.0009	-2.5 to 2.5	Pass
				40	3.85	4.950	0.0026	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	6.108	0.0032	-2.5 to 2.5	Pass
					3.85	2.160	0.0011	-2.5 to 2.5	Pass
					4.43	3.562	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				-10	3.85	6.680	0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				10	3.85	2.475	0.0013	-2.5 to 2.5	Pass
				30	3.85	5.736	0.0030	-2.5 to 2.5	Pass
				40	3.85	6.266	0.0033	-2.5 to 2.5	Pass
				50	3.85	3.648	0.0019	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	3.805	0.0020	-2.5 to 2.5	Pass
					3.85	4.563	0.0025	-2.5 to 2.5	Pass
					4.43	2.933	0.0016	-2.5 to 2.5	Pass
				-30	3.85	7.038	0.0038	-2.5 to 2.5	Pass
				-20	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				-10	3.85	6.781	0.0036	-2.5 to 2.5	Pass
				0	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0015	-2.5 to 2.5	Pass

				30	3.85	5.622	0.0030	-2.5 to 2.5	Pass
				40	3.85	9.241	0.0050	-2.5 to 2.5	Pass
				50	3.85	-3.662	-0.0020	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-2.489	-0.0013	-2.5 to 2.5	Pass
					3.85	4.835	0.0026	-2.5 to 2.5	Pass
					4.43	0.257	0.0001	-2.5 to 2.5	Pass
				-30	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				-20	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				-10	3.85	8.011	0.0043	-2.5 to 2.5	Pass
				0	3.85	1.831	0.0010	-2.5 to 2.5	Pass
				10	3.85	3.562	0.0019	-2.5 to 2.5	Pass
				30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0004	-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	-2.418	-0.0013	-2.5 to 2.5	Pass
					3.85	2.904	0.0015	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.835	0.0025	-2.5 to 2.5	Pass
				-10	3.85	6.065	0.0032	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	4.320	0.0023	-2.5 to 2.5	Pass
				40	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.329	-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

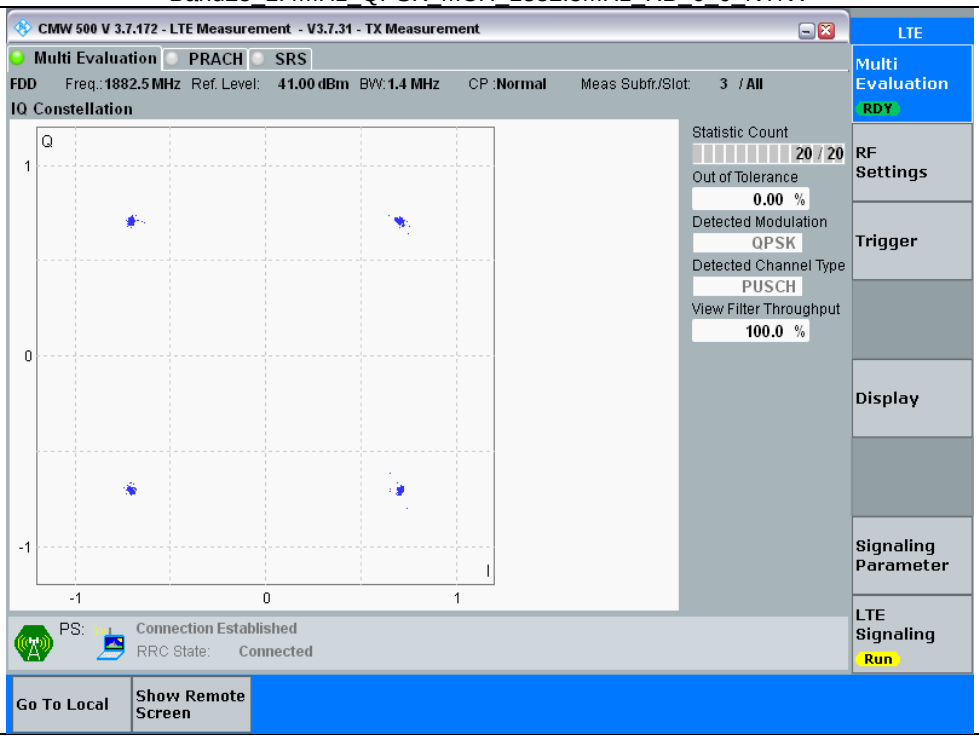
3.1.6 B25_20MHz

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

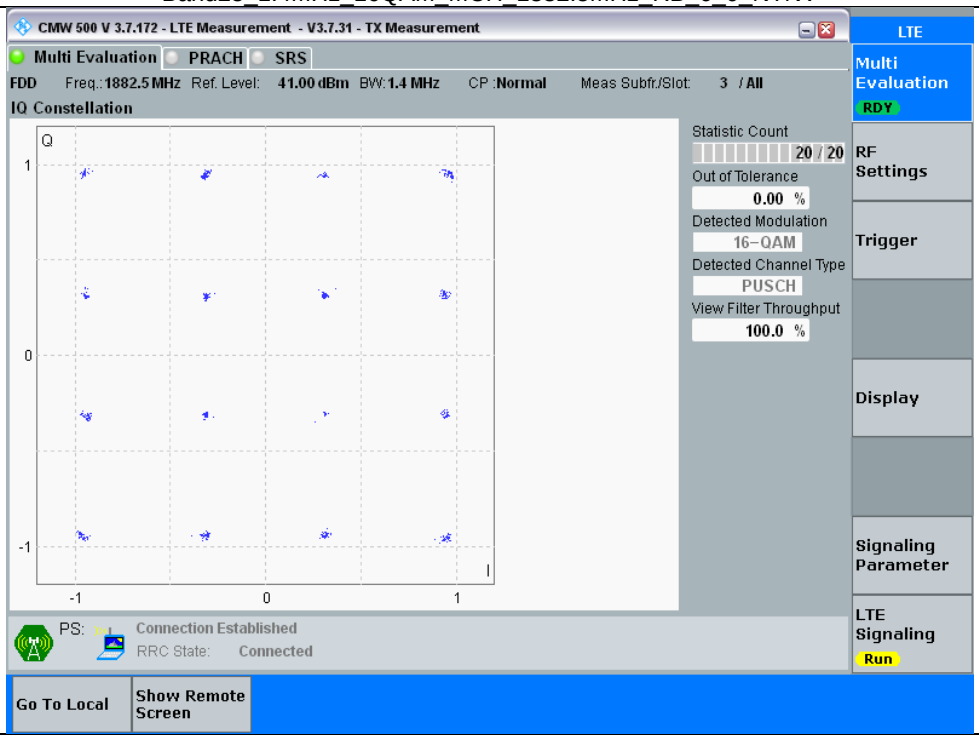
3.2 Test Graph

3.2.1 B25_1.4MHz

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV

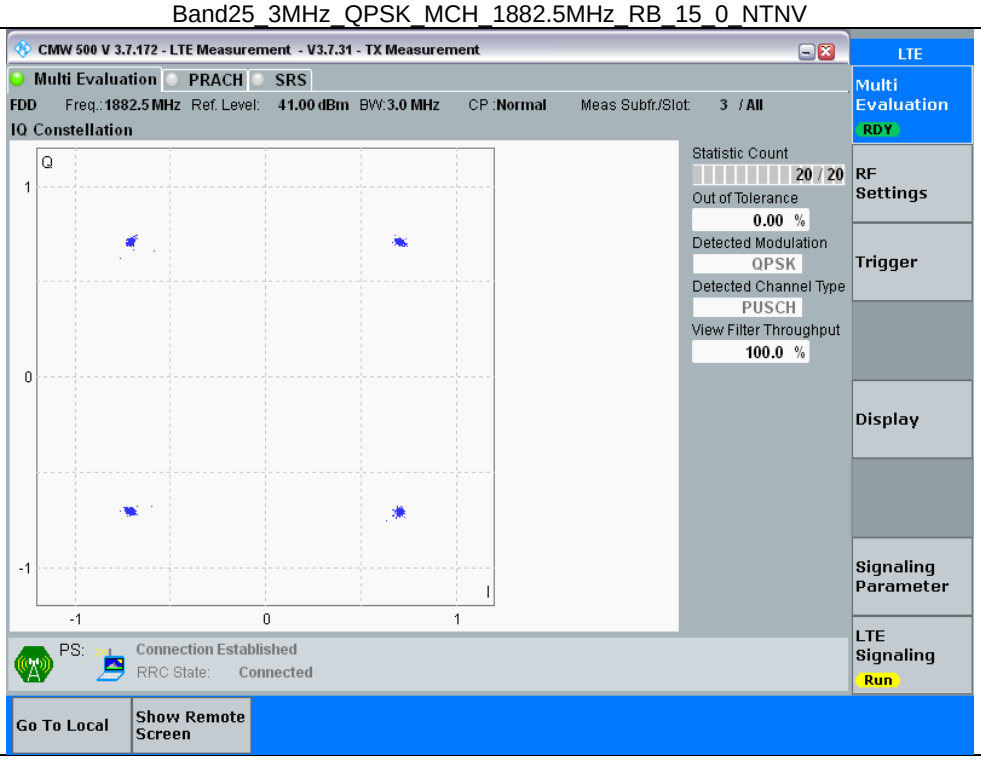


Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

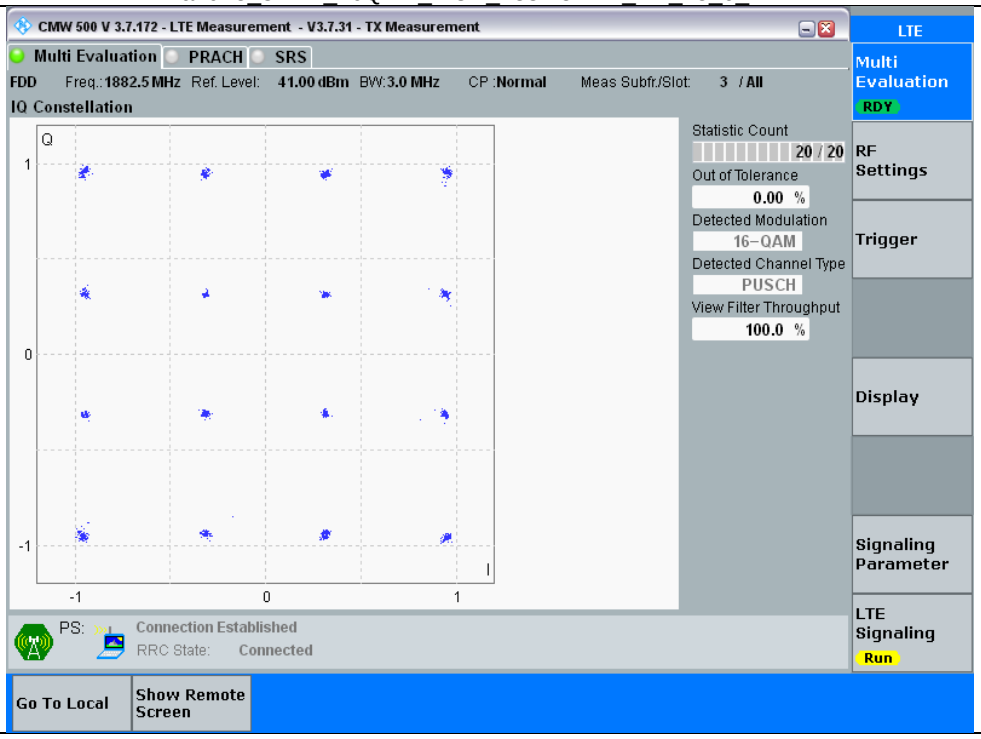


3.2.2 B25_3MHz

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

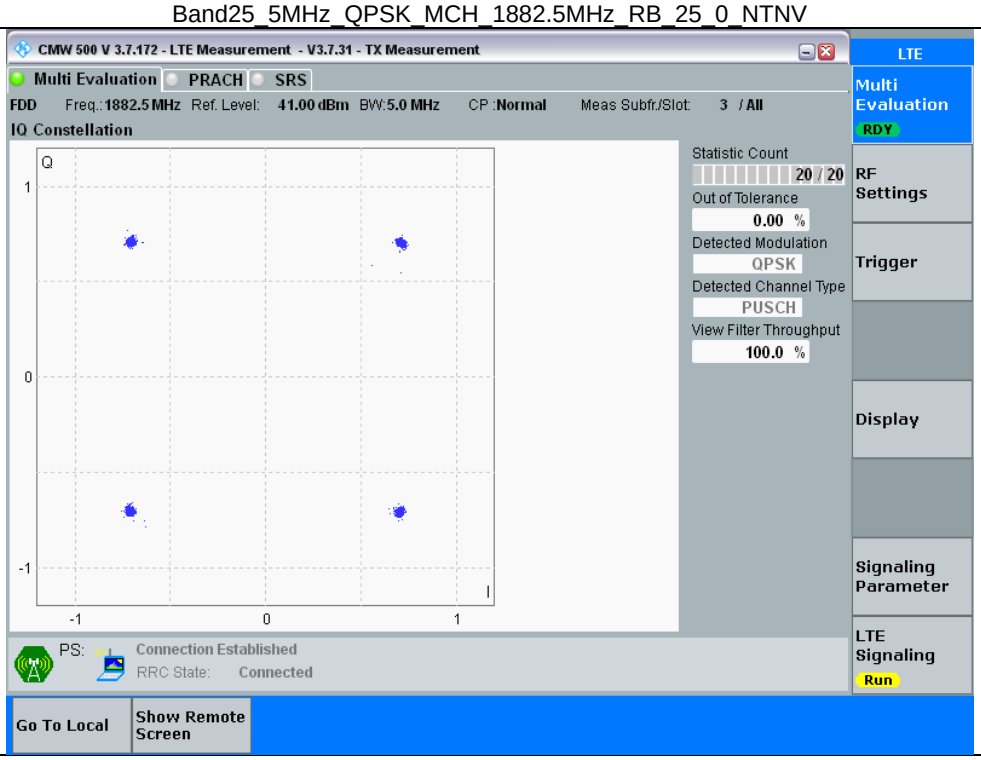


Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

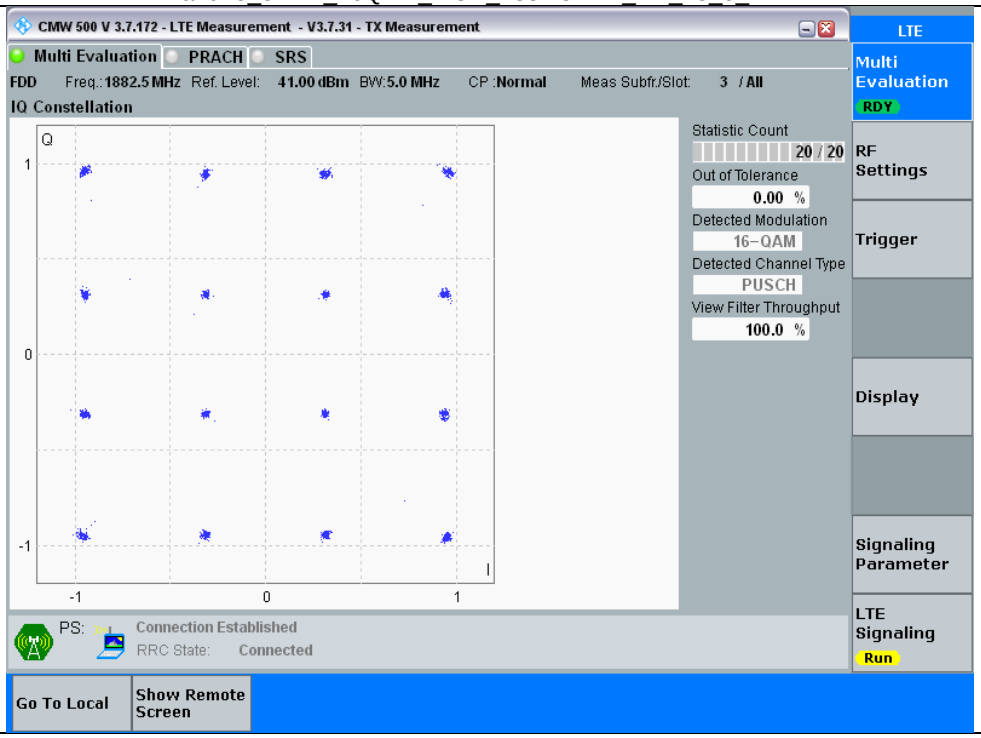


3.2.3 B25_5MHz

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

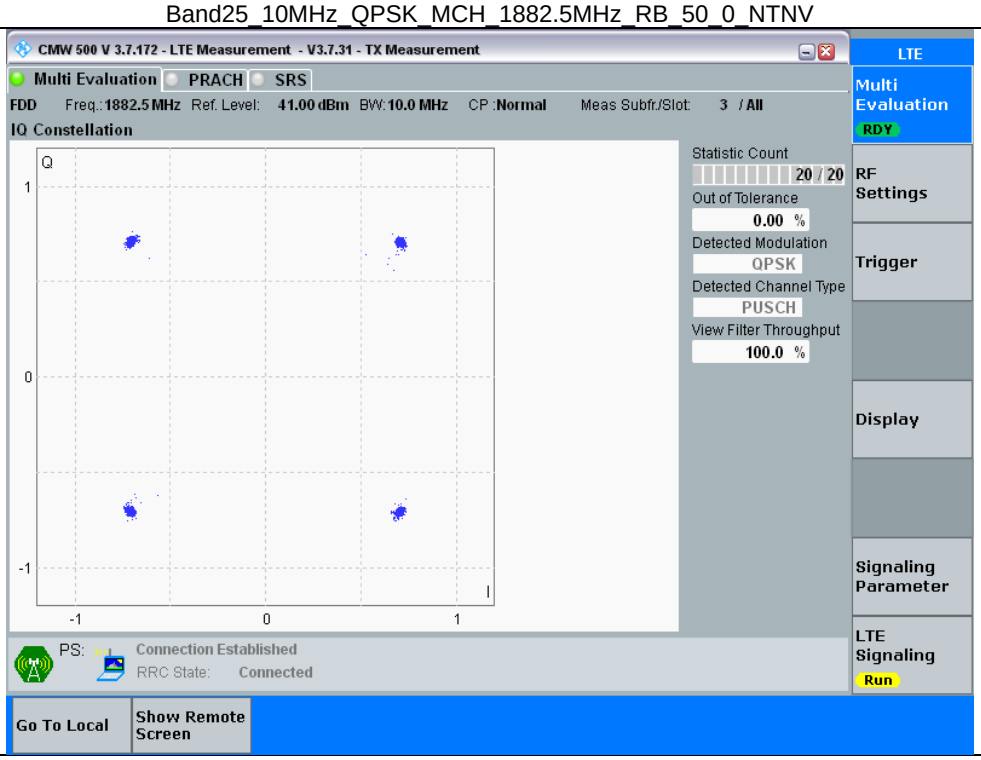


Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

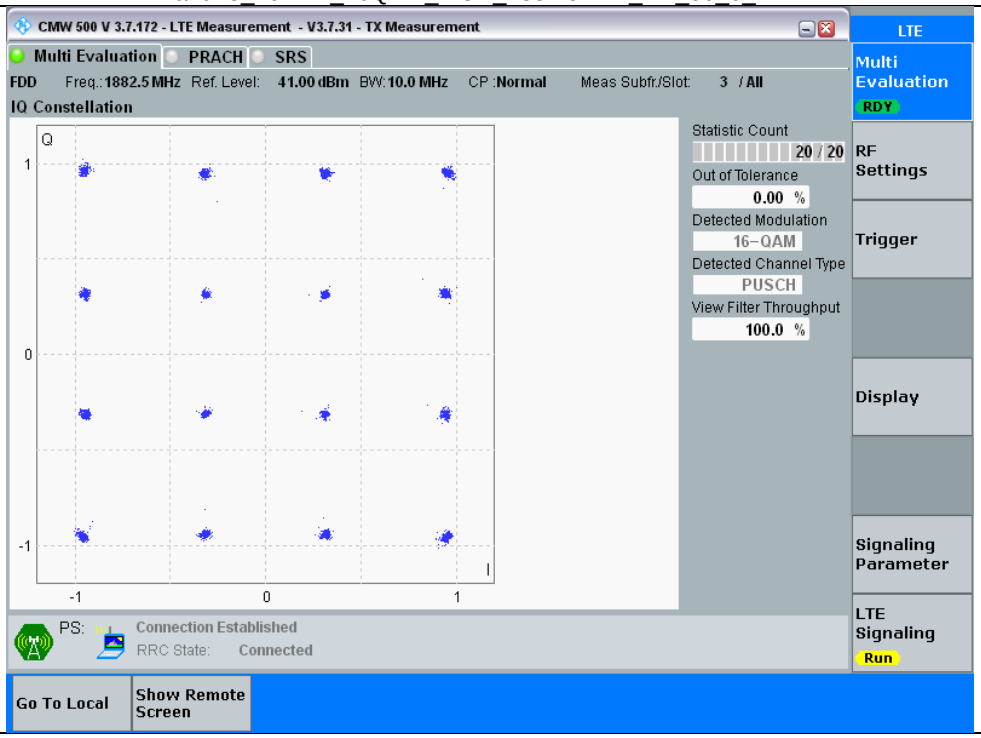


3.2.4 B25_10MHz

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

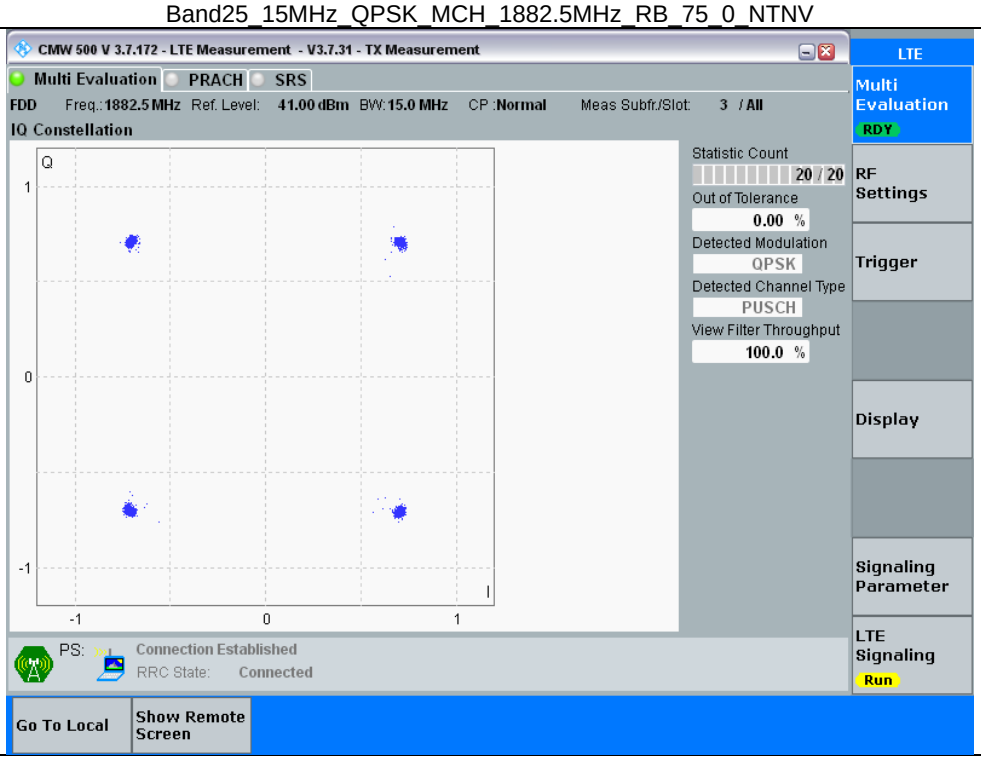


Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV

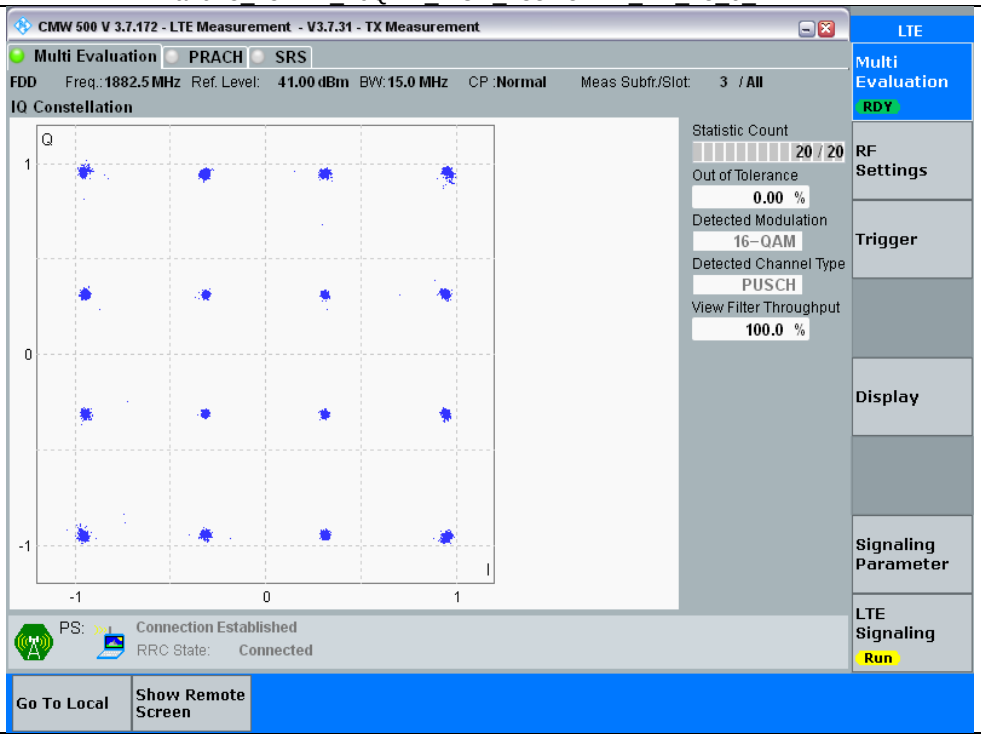


3.2.5 B25_15MHz

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

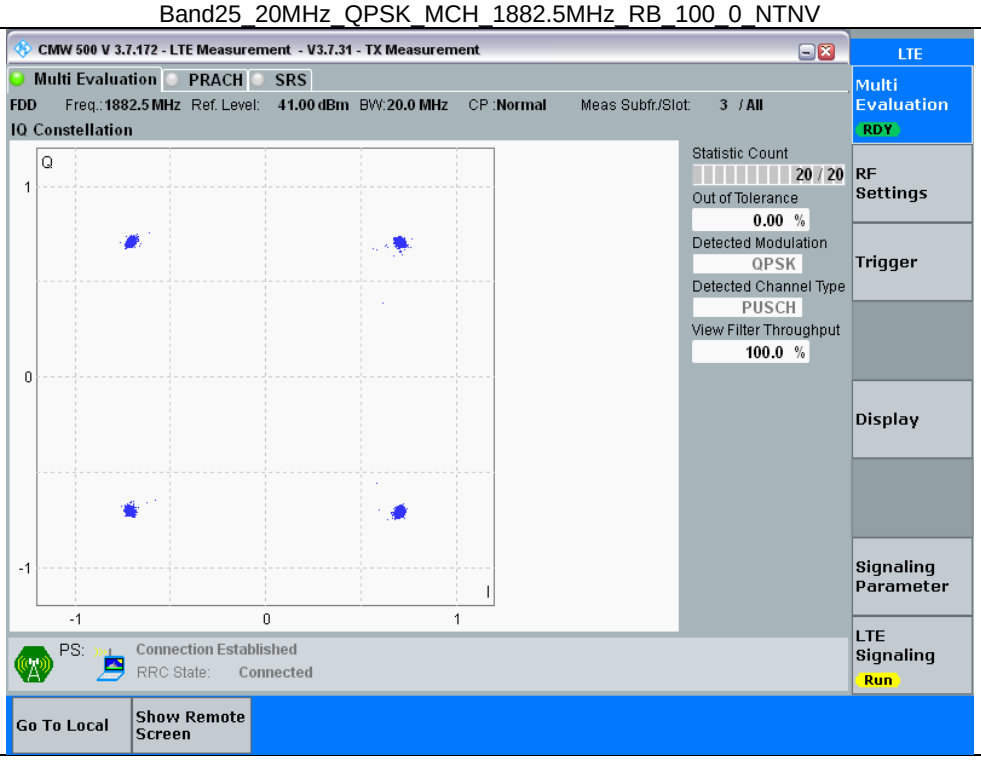


Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

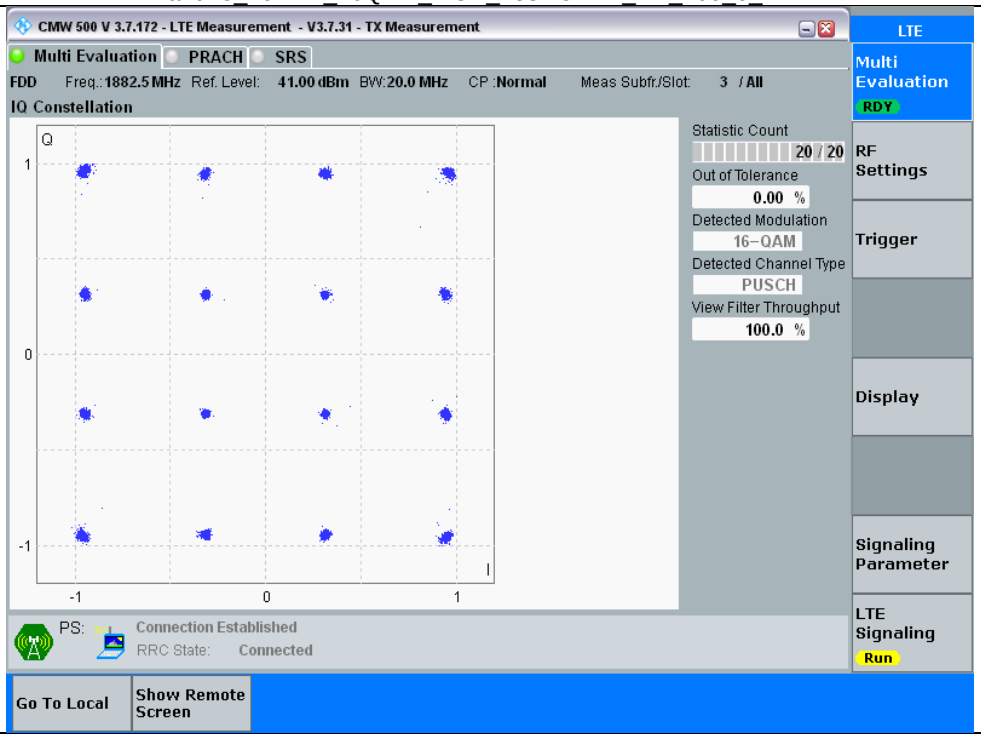


3.2.6 B25_20MHz

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	1.113	/	Pass
		1882.5	6	0	1.111	/	Pass
		1914.3	6	0	1.122	/	Pass
	16QAM	1850.7	6	0	1.107	/	Pass
		1882.5	6	0	1.110	/	Pass
		1914.3	6	0	1.128	/	Pass
3	QPSK	1851.5	15	0	2.731	/	Pass
		1882.5	15	0	2.741	/	Pass
		1913.5	15	0	2.740	/	Pass
	16QAM	1851.5	15	0	2.724	/	Pass
		1882.5	15	0	2.725	/	Pass
		1913.5	15	0	2.738	/	Pass
5	QPSK	1852.5	25	0	4.542	/	Pass
		1882.5	25	0	4.548	/	Pass
		1912.5	25	0	4.562	/	Pass
	16QAM	1852.5	25	0	4.547	/	Pass
		1882.5	25	0	4.562	/	Pass
		1912.5	25	0	4.539	/	Pass
10	QPSK	1855	50	0	9.057	/	Pass
		1882.5	50	0	9.082	/	Pass
		1910	50	0	9.042	/	Pass
	16QAM	1855	50	0	9.097	/	Pass
		1882.5	50	0	9.064	/	Pass
		1910	50	0	9.059	/	Pass
15	QPSK	1857.5	75	0	13.585	/	Pass
		1882.5	75	0	13.608	/	Pass
		1907.5	75	0	13.561	/	Pass
	16QAM	1857.5	75	0	13.570	/	Pass
		1882.5	75	0	13.595	/	Pass
		1907.5	75	0	13.583	/	Pass
20	QPSK	1860	100	0	18.060	/	Pass
		1882.5	100	0	18.071	/	Pass
		1905	100	0	18.079	/	Pass
	16QAM	1860	100	0	18.073	/	Pass
		1882.5	100	0	18.070	/	Pass
		1905	100	0	18.099	/	Pass

4.1.2 Band25_XDB

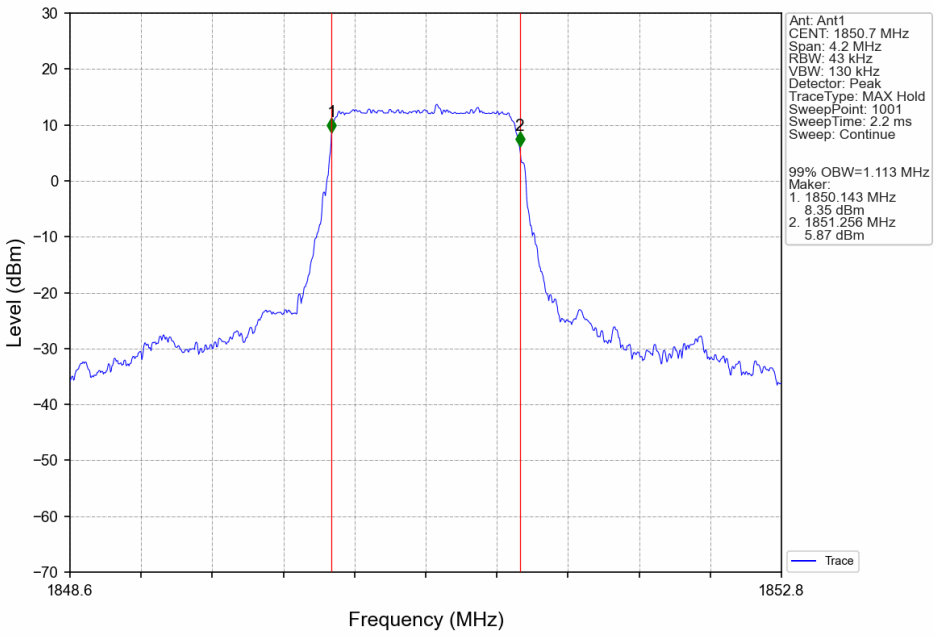
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.320	/	Pass
		1882.5	6	0	1.341	/	Pass
		1914.3	6	0	1.708	/	Pass

	16QAM	1850.7	6	0	1.338	/	Pass
		1882.5	6	0	1.309	/	Pass
		1914.3	6	0	1.493	/	Pass
3	QPSK	1851.5	15	0	3.014	/	Pass
		1882.5	15	0	2.996	/	Pass
		1913.5	15	0	3.028	/	Pass
	16QAM	1851.5	15	0	3.010	/	Pass
		1882.5	15	0	3.023	/	Pass
		1913.5	15	0	3.005	/	Pass
5	QPSK	1852.5	25	0	5.031	/	Pass
		1882.5	25	0	5.102	/	Pass
		1912.5	25	0	5.031	/	Pass
	16QAM	1852.5	25	0	5.106	/	Pass
		1882.5	25	0	5.029	/	Pass
		1912.5	25	0	5.003	/	Pass
10	QPSK	1855	50	0	10.007	/	Pass
		1882.5	50	0	9.955	/	Pass
		1910	50	0	9.997	/	Pass
	16QAM	1855	50	0	9.902	/	Pass
		1882.5	50	0	9.890	/	Pass
		1910	50	0	9.983	/	Pass
15	QPSK	1857.5	75	0	14.822	/	Pass
		1882.5	75	0	15.015	/	Pass
		1907.5	75	0	14.911	/	Pass
	16QAM	1857.5	75	0	14.928	/	Pass
		1882.5	75	0	14.935	/	Pass
		1907.5	75	0	14.975	/	Pass
20	QPSK	1860	100	0	19.724	/	Pass
		1882.5	100	0	19.819	/	Pass
		1905	100	0	19.641	/	Pass
	16QAM	1860	100	0	19.836	/	Pass
		1882.5	100	0	19.737	/	Pass
		1905	100	0	19.687	/	Pass

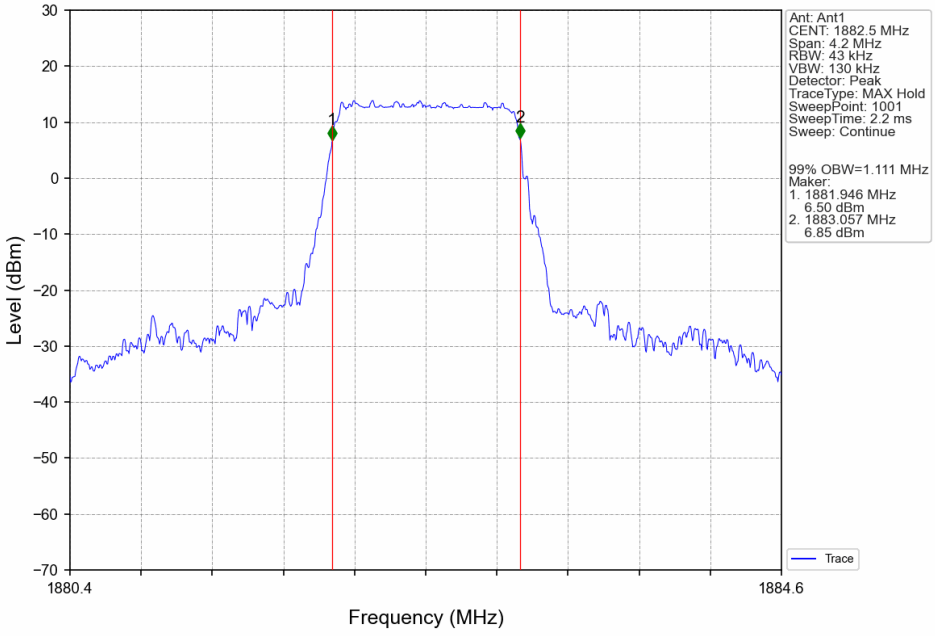
4.2 Test Graph

4.2.1 Band25_OBW

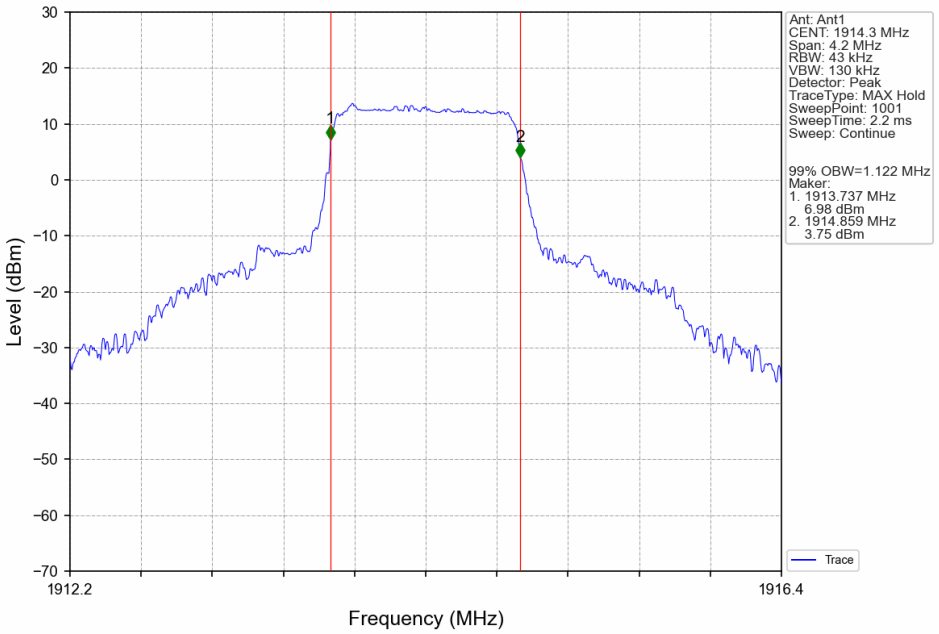
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



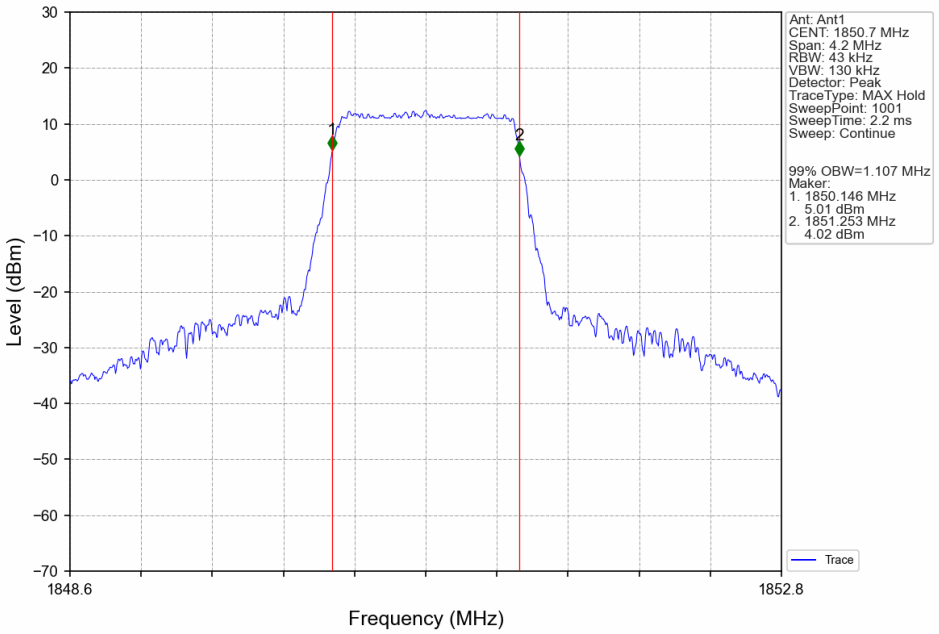
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



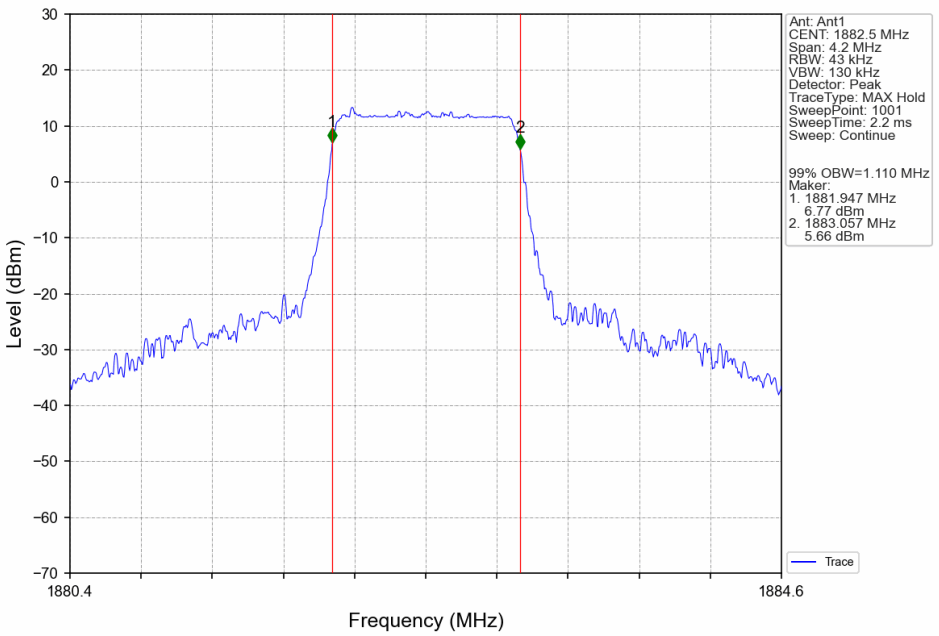
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



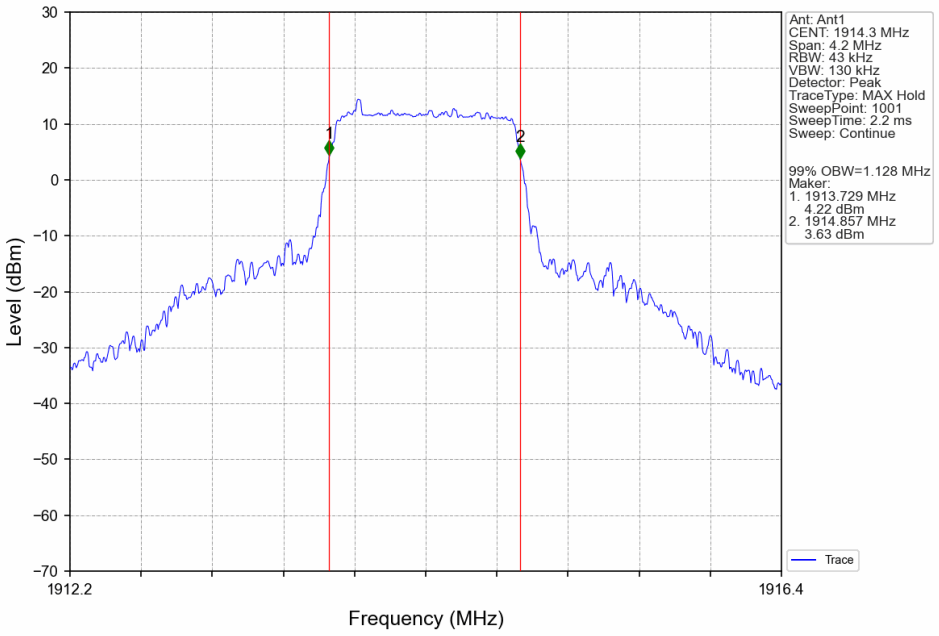
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



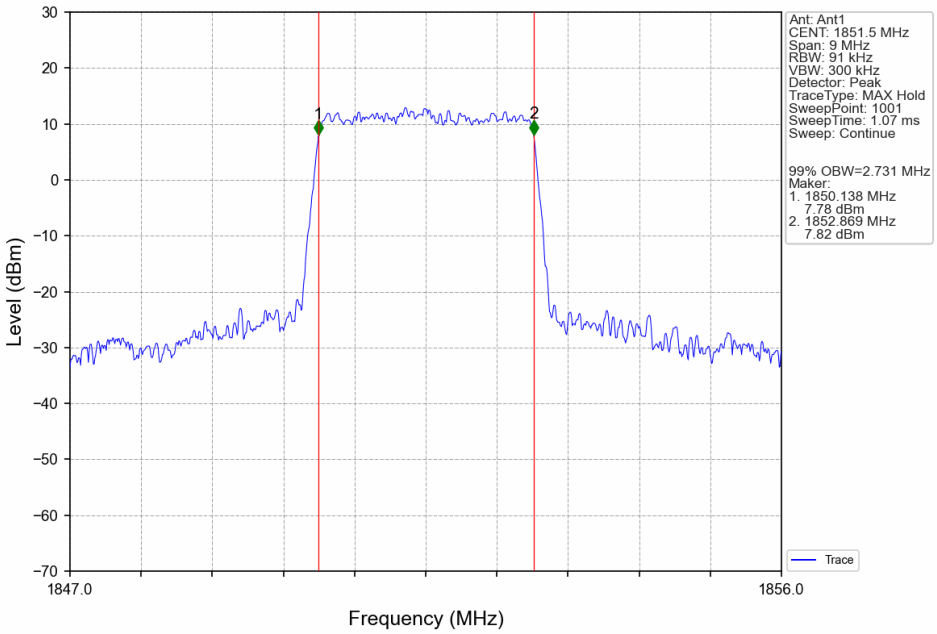
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



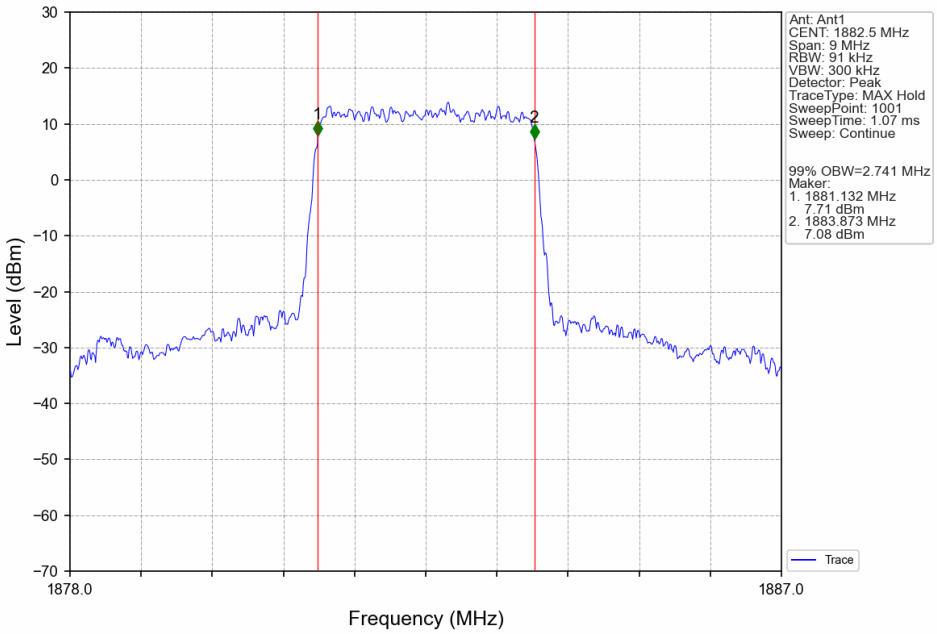
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



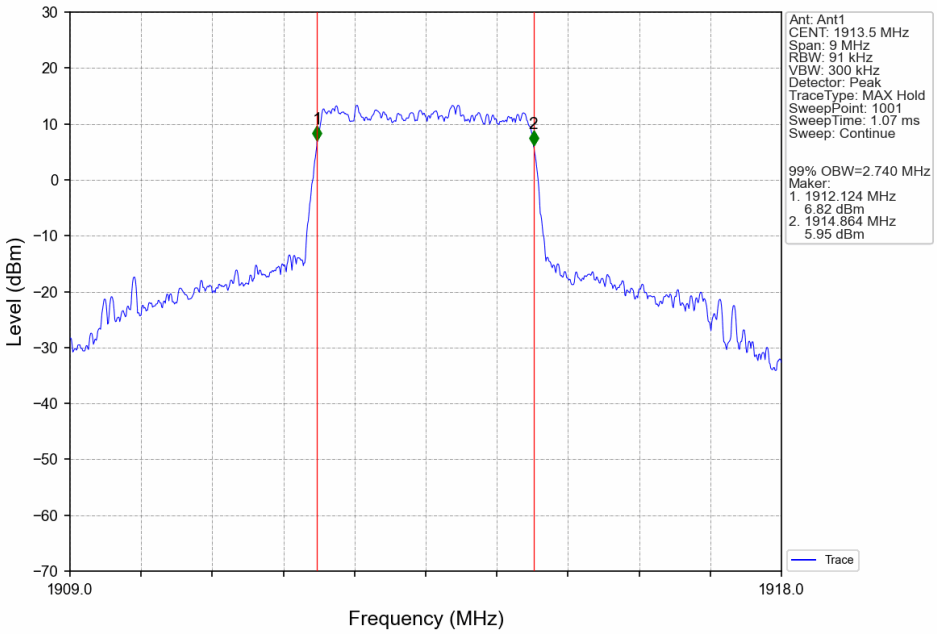
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



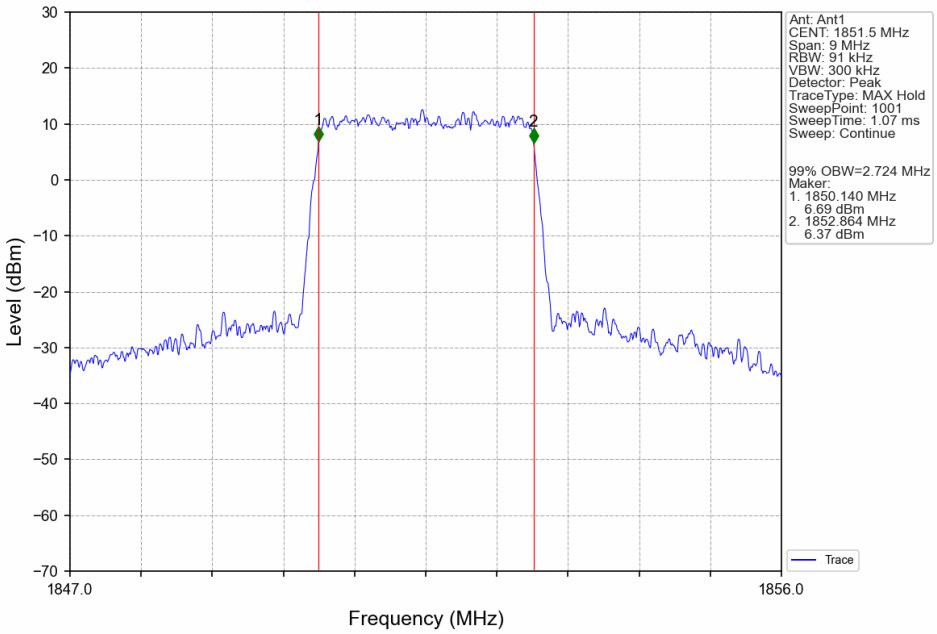
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



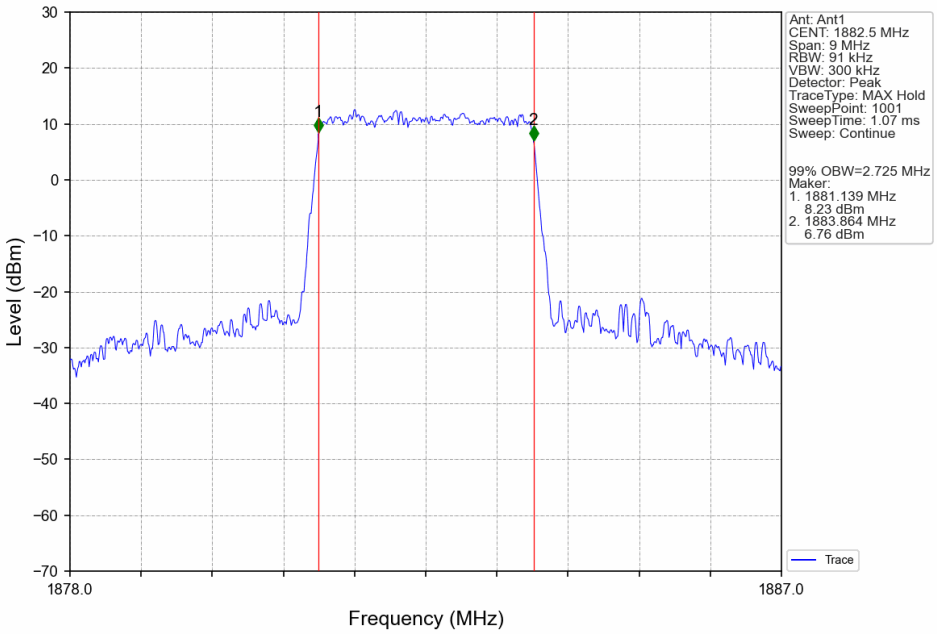
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



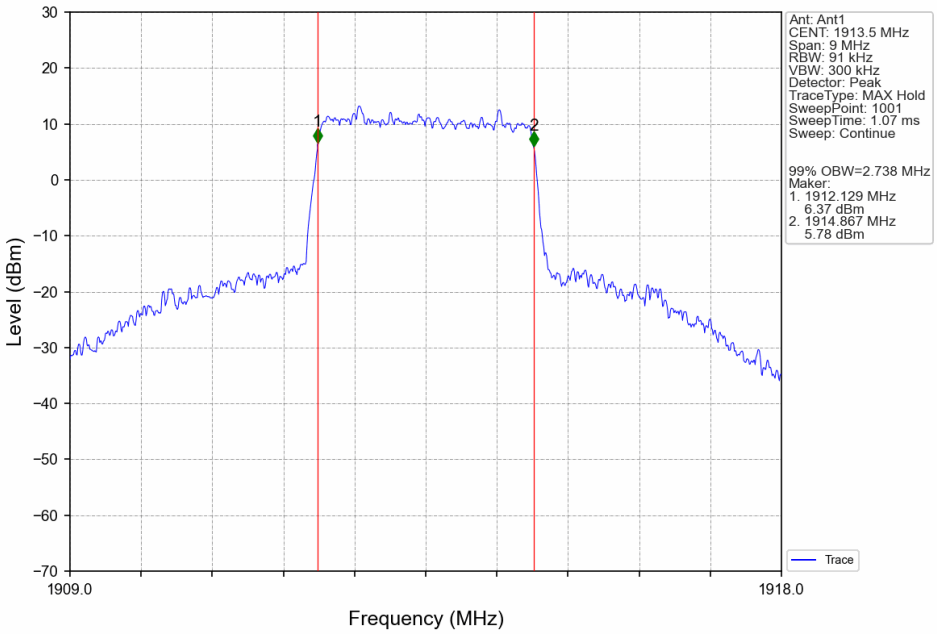
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



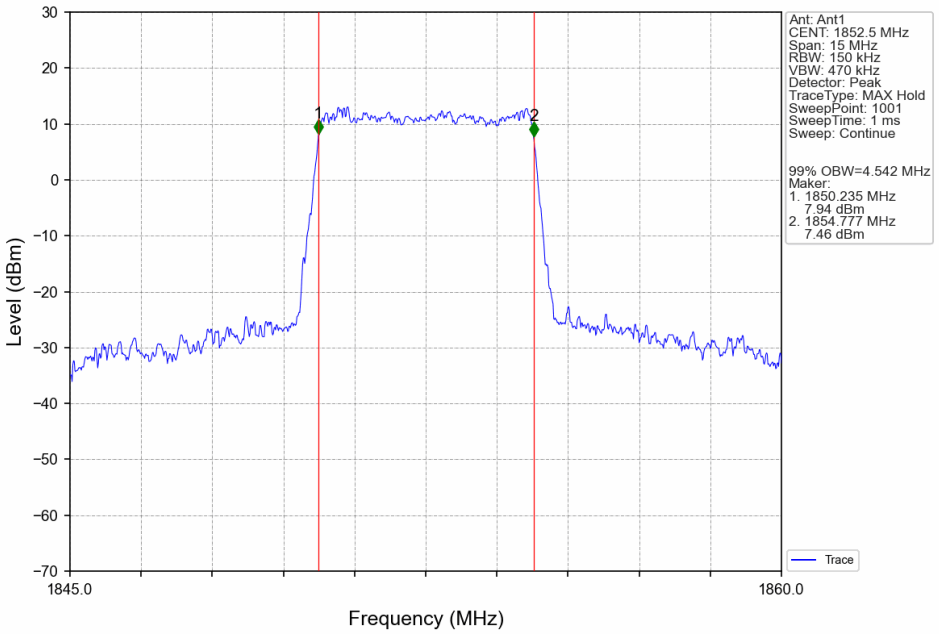
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



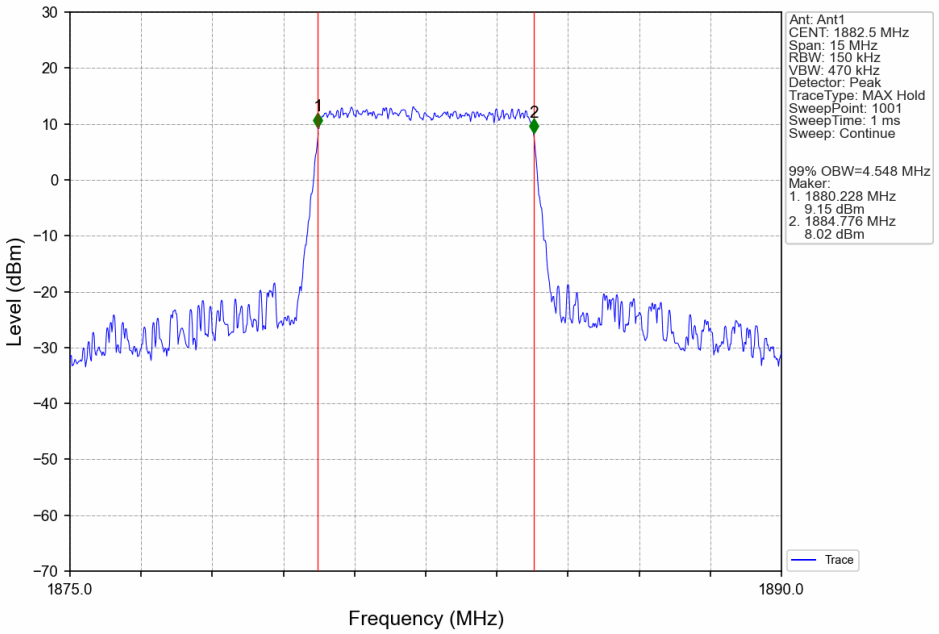
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



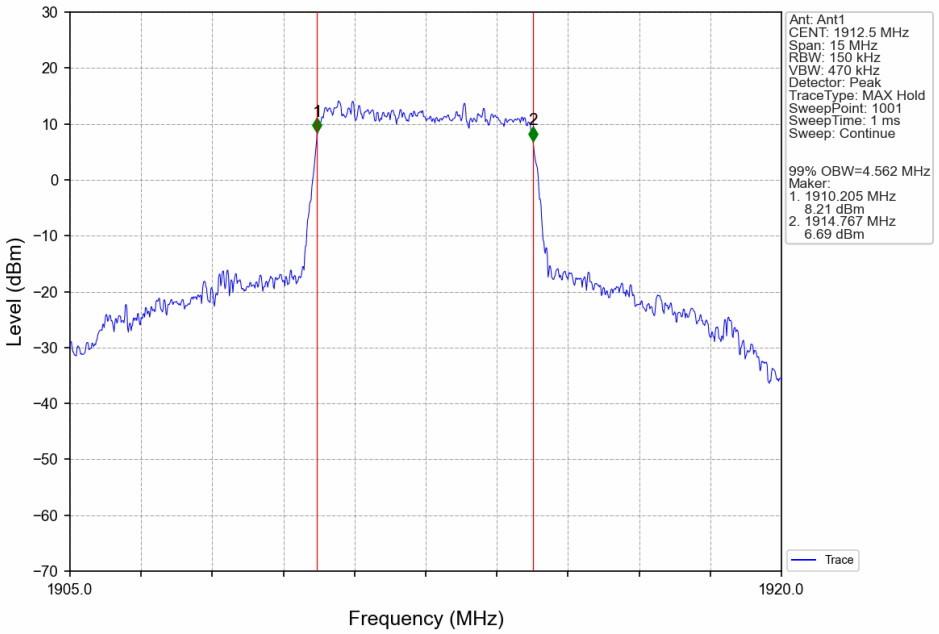
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



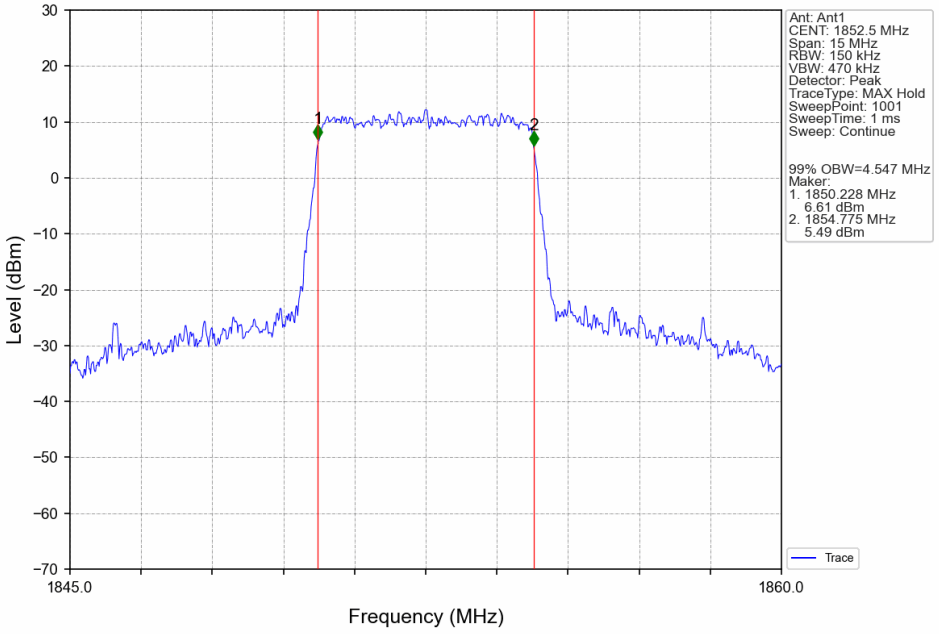
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



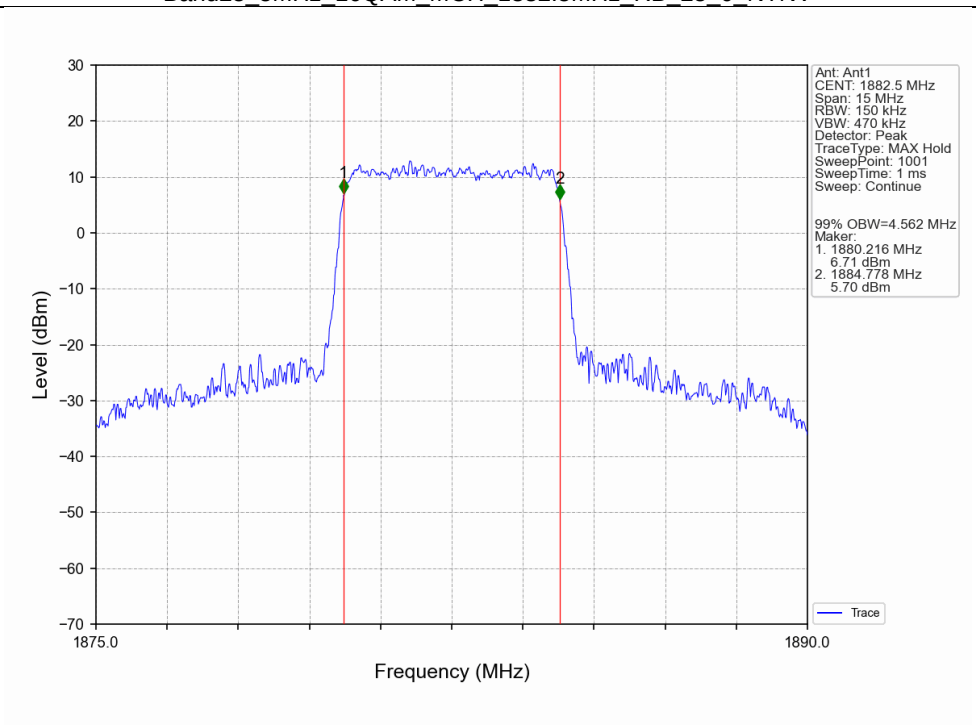
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



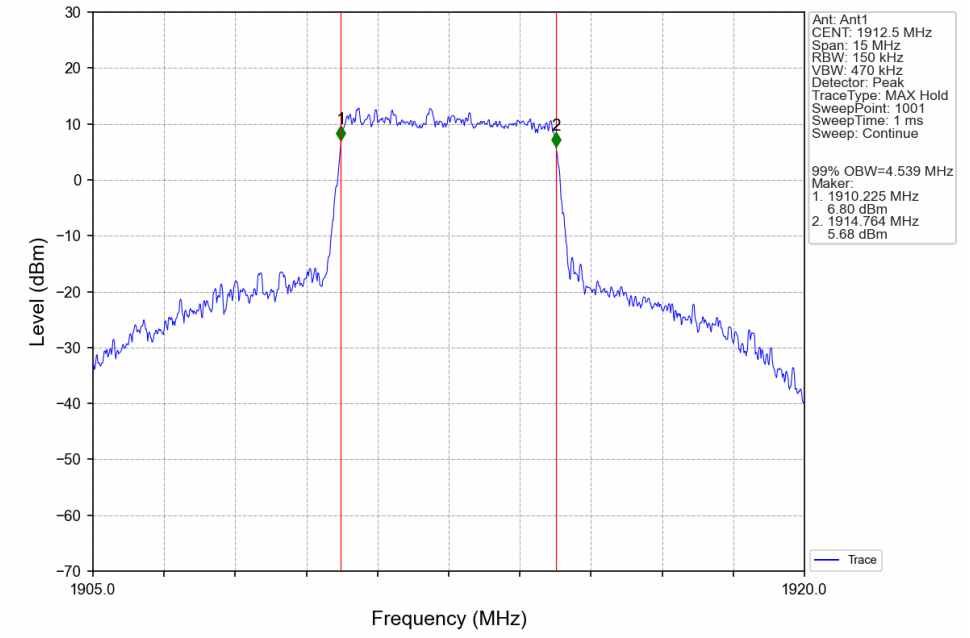
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



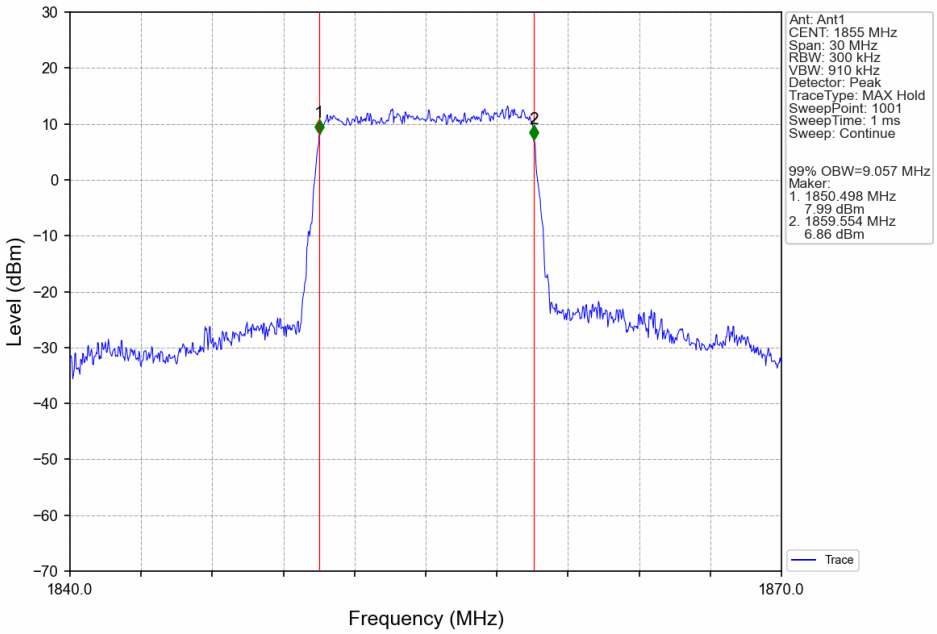
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



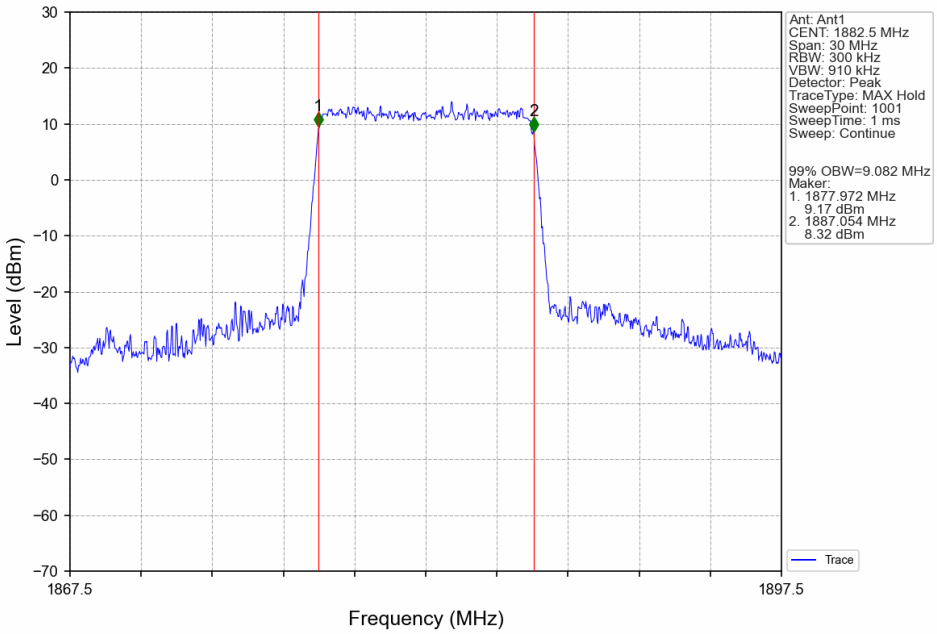
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



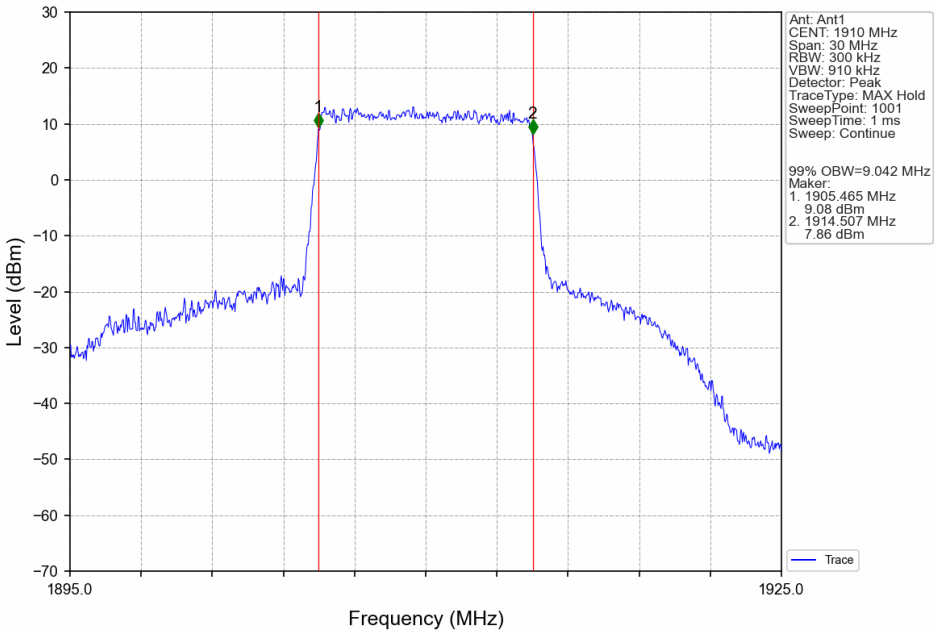
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



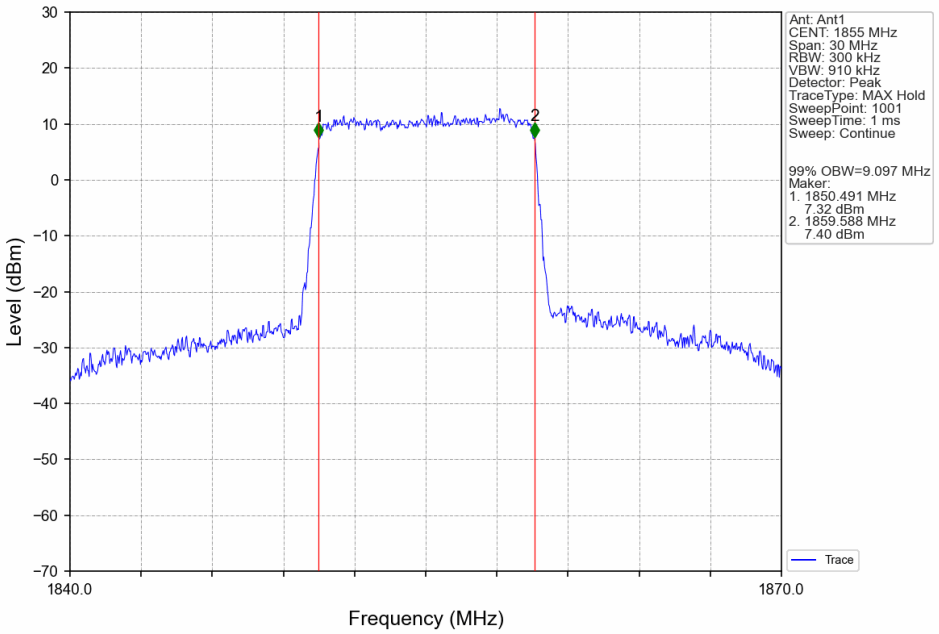
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



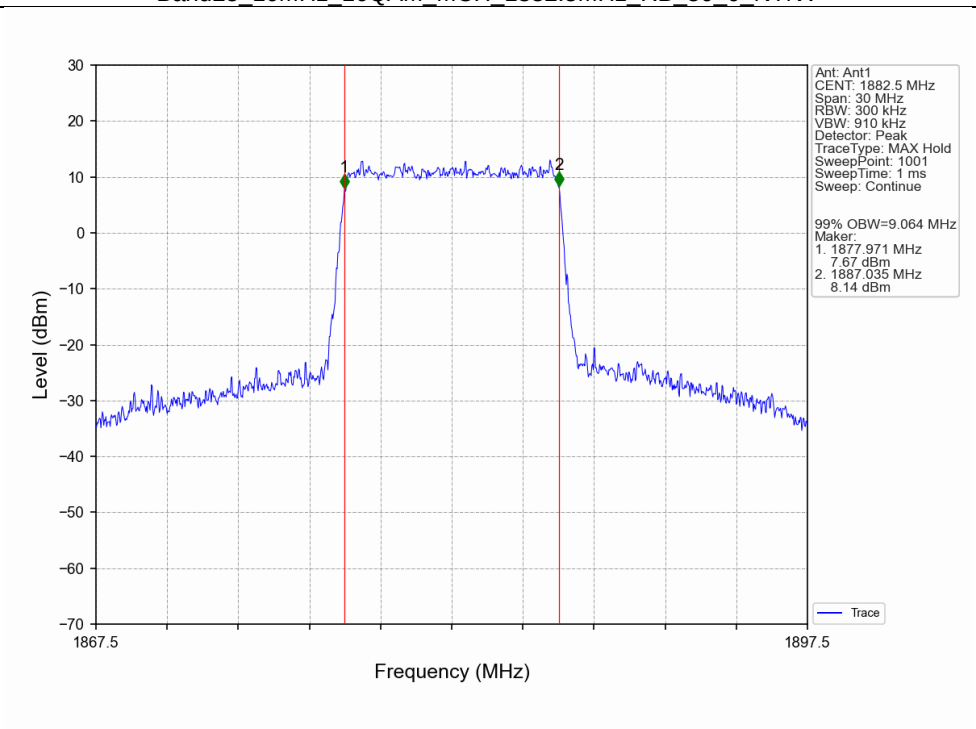
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



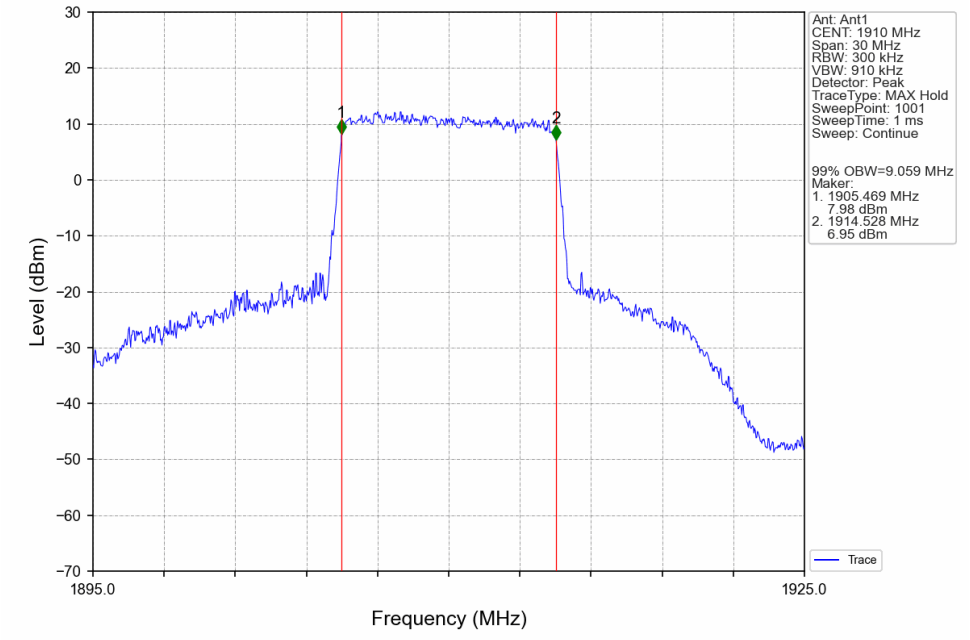
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



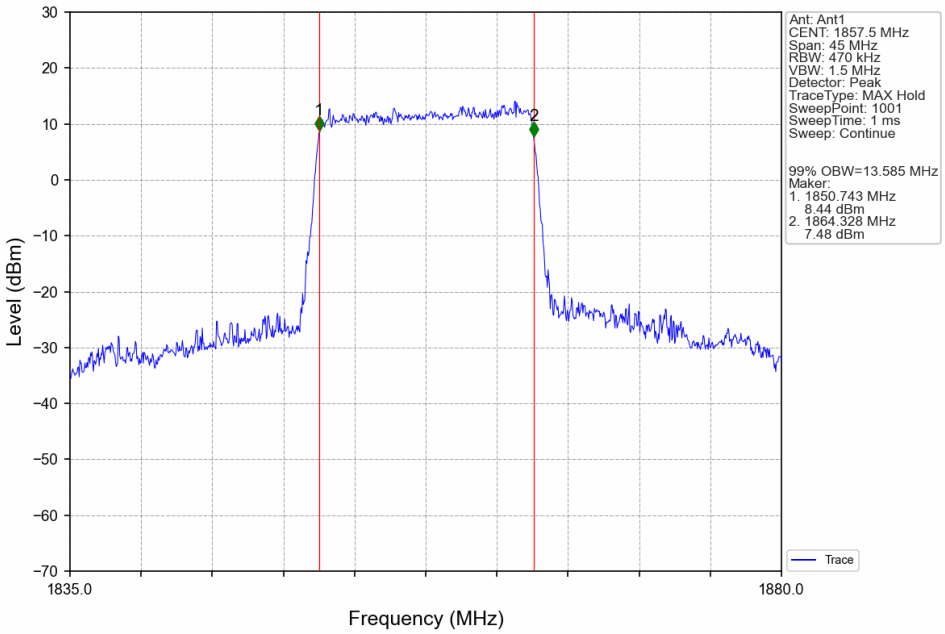
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



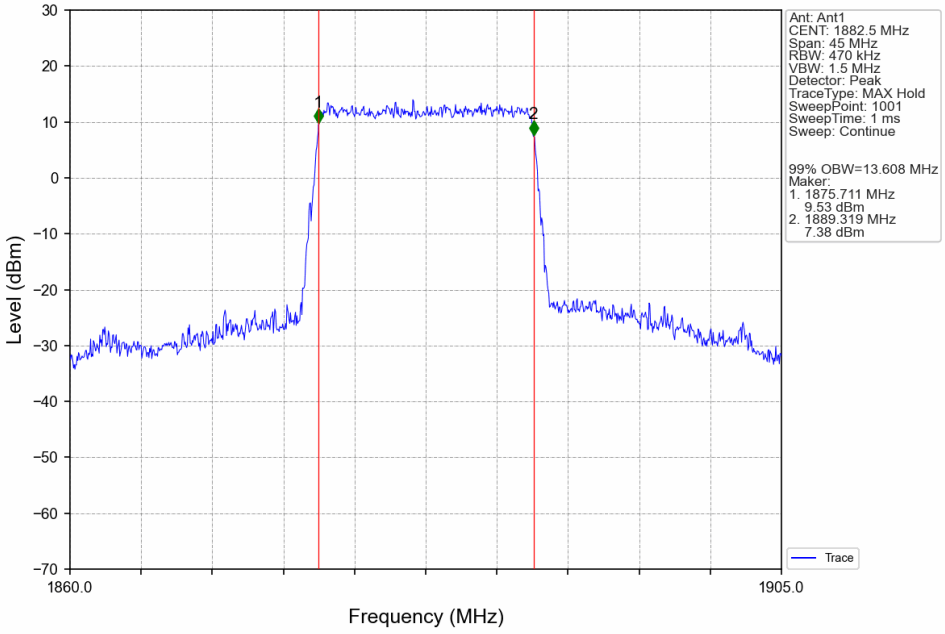
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



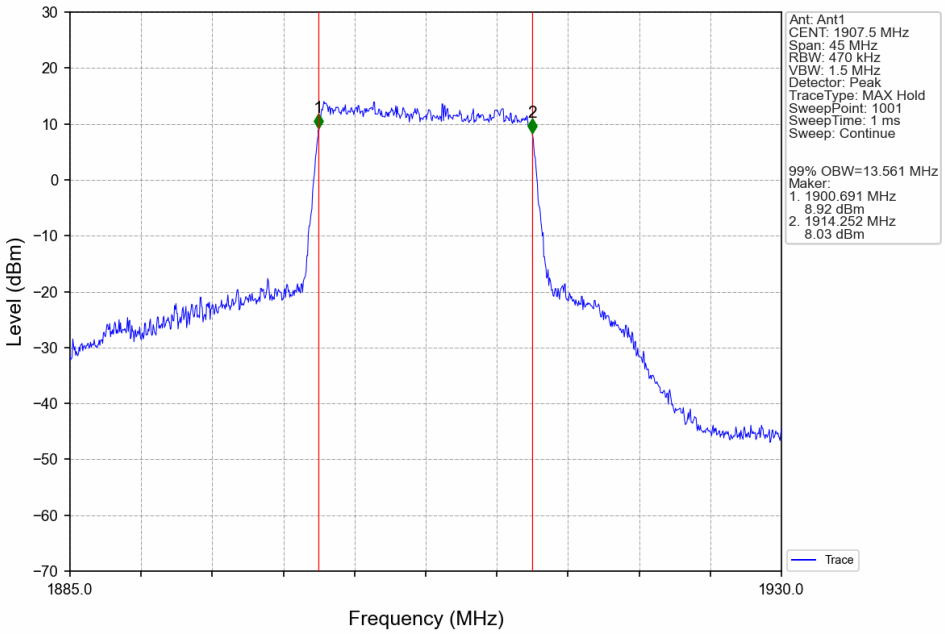
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



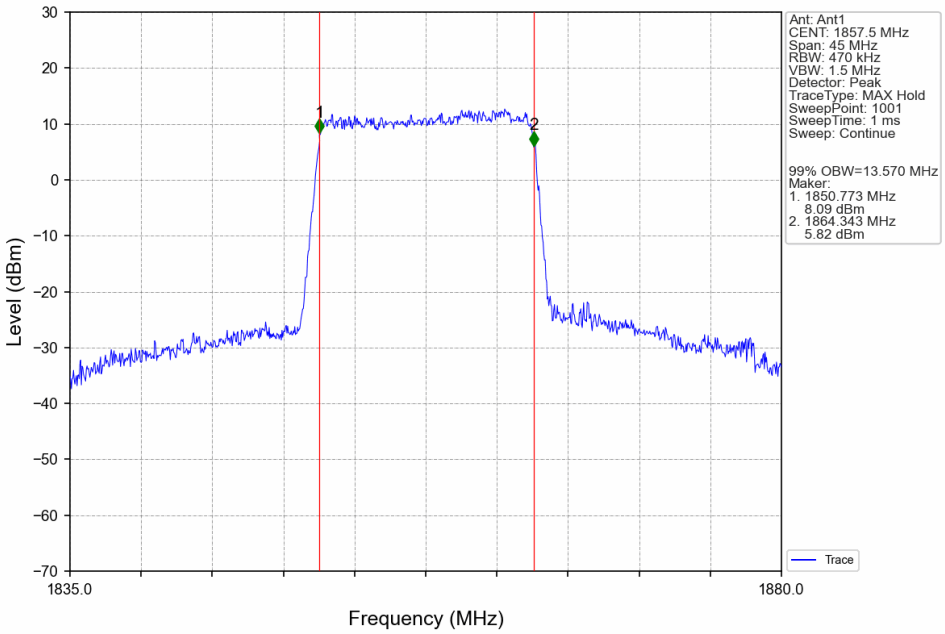
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



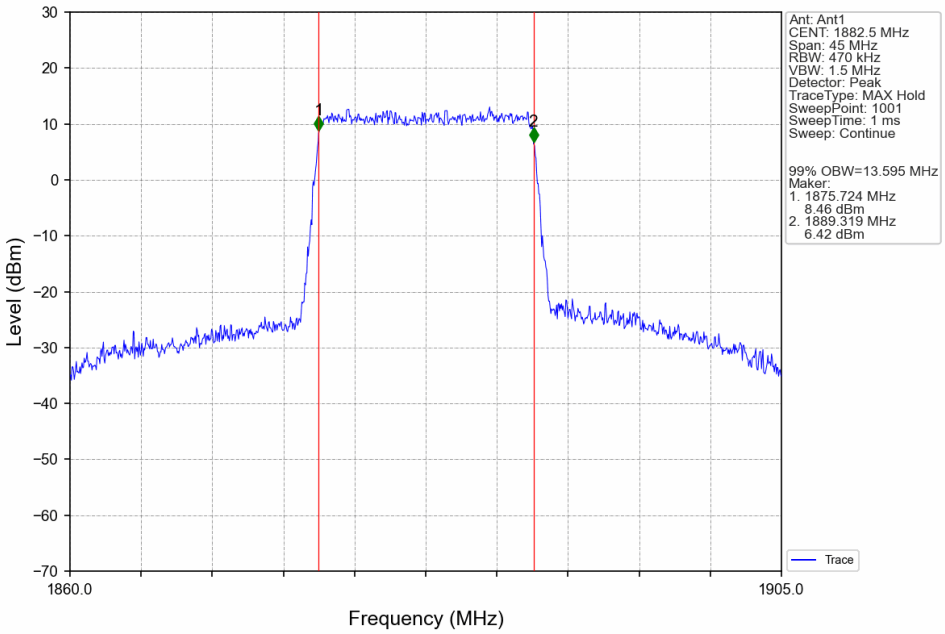
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



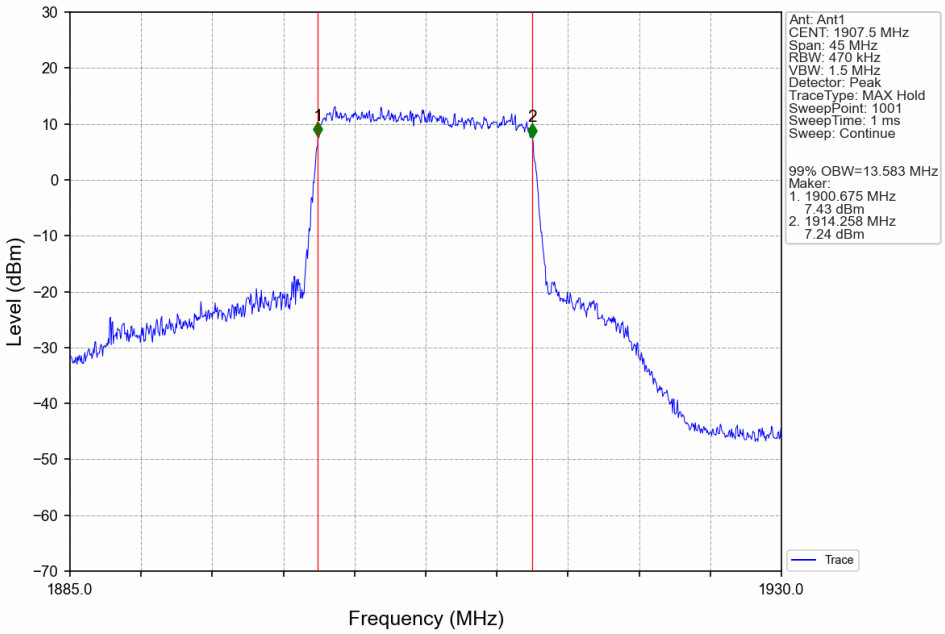
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



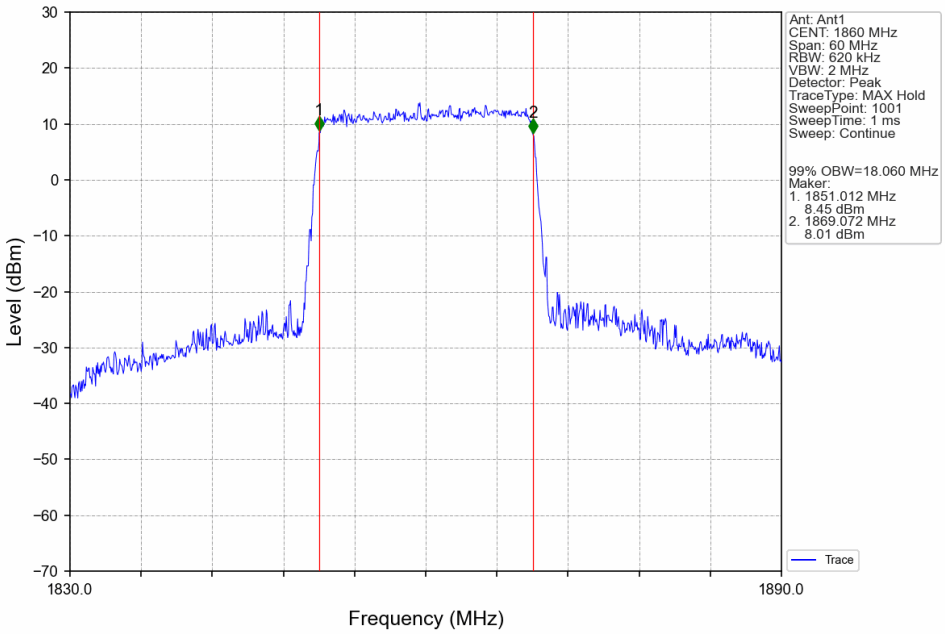
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



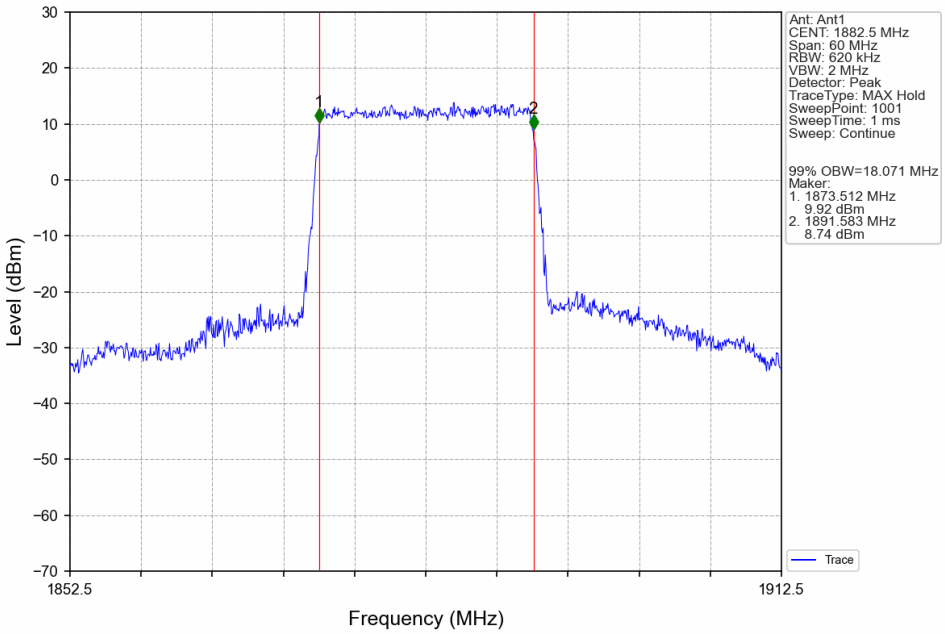
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



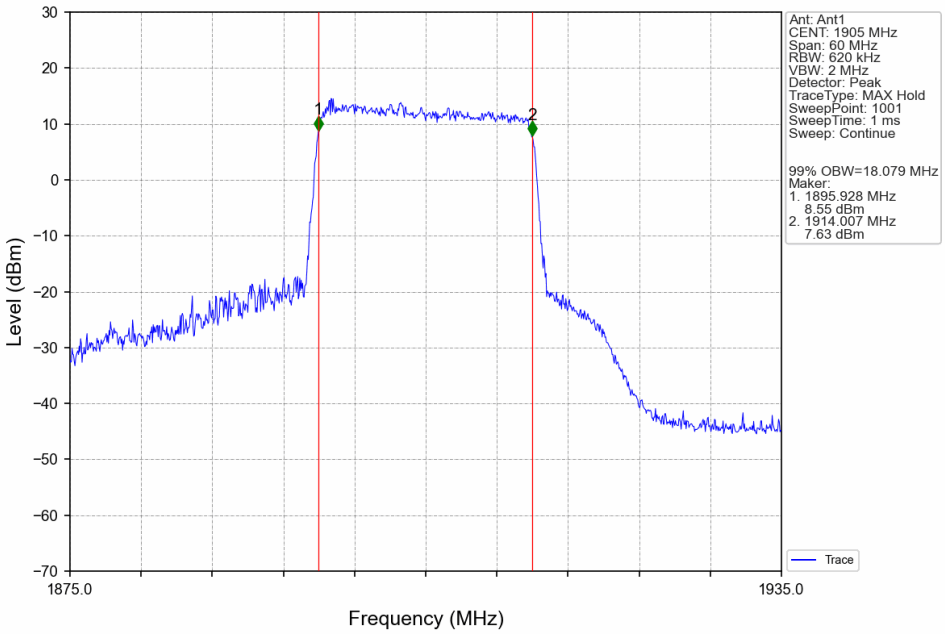
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



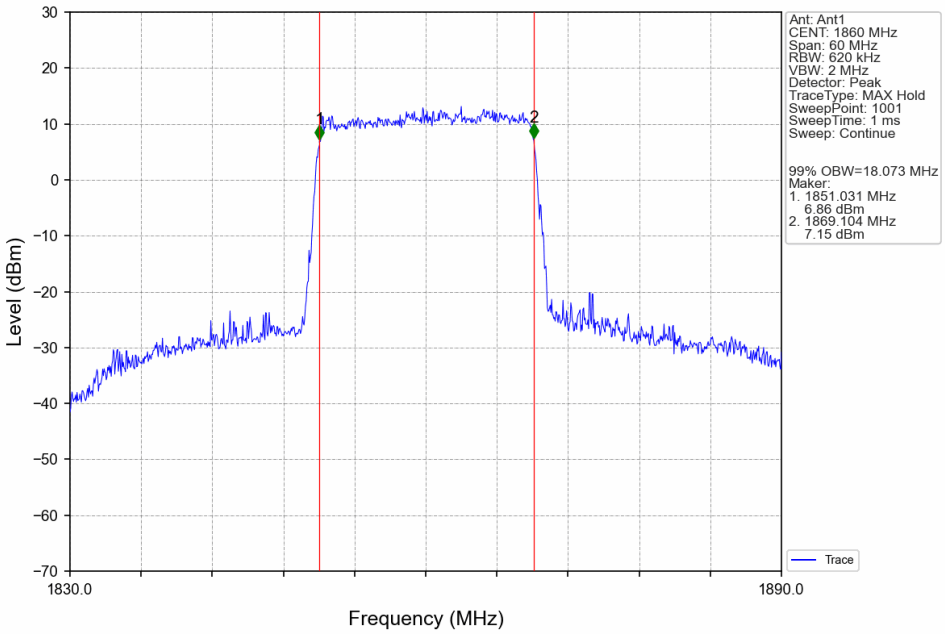
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



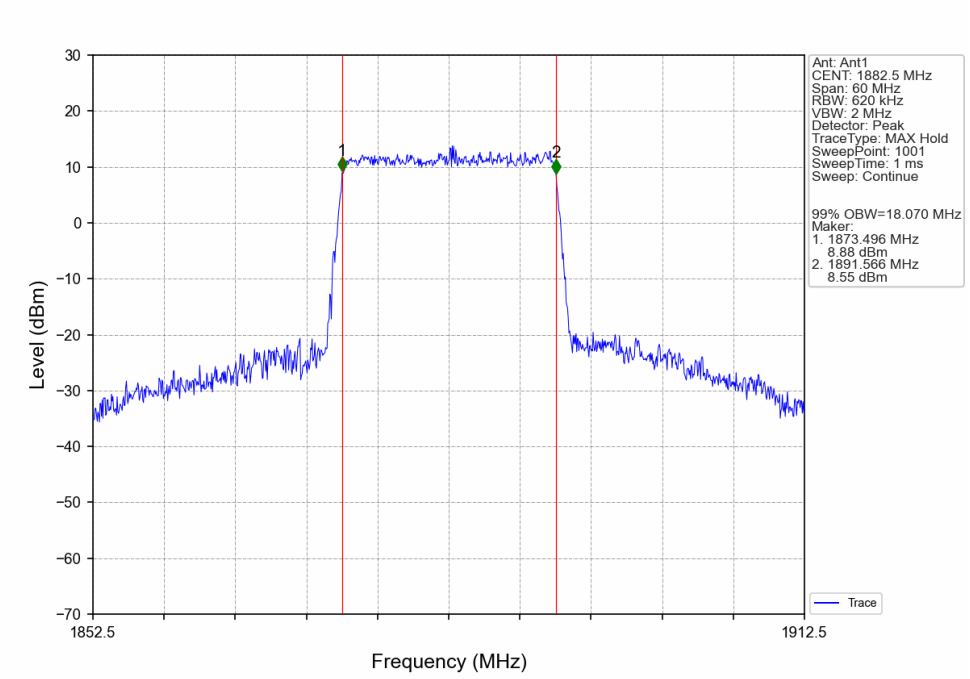
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



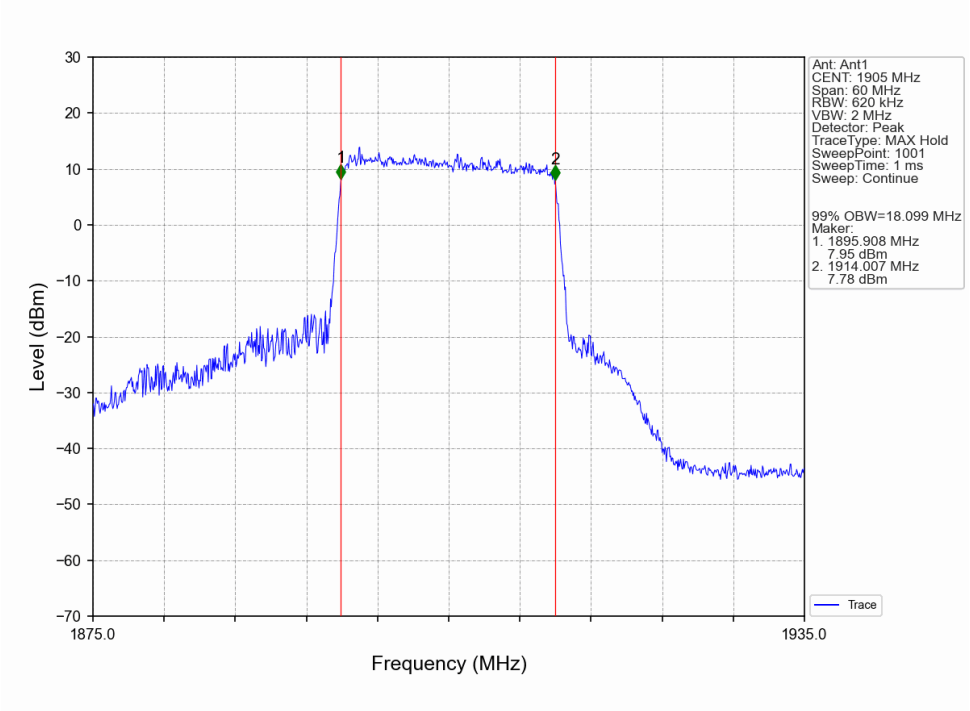
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV

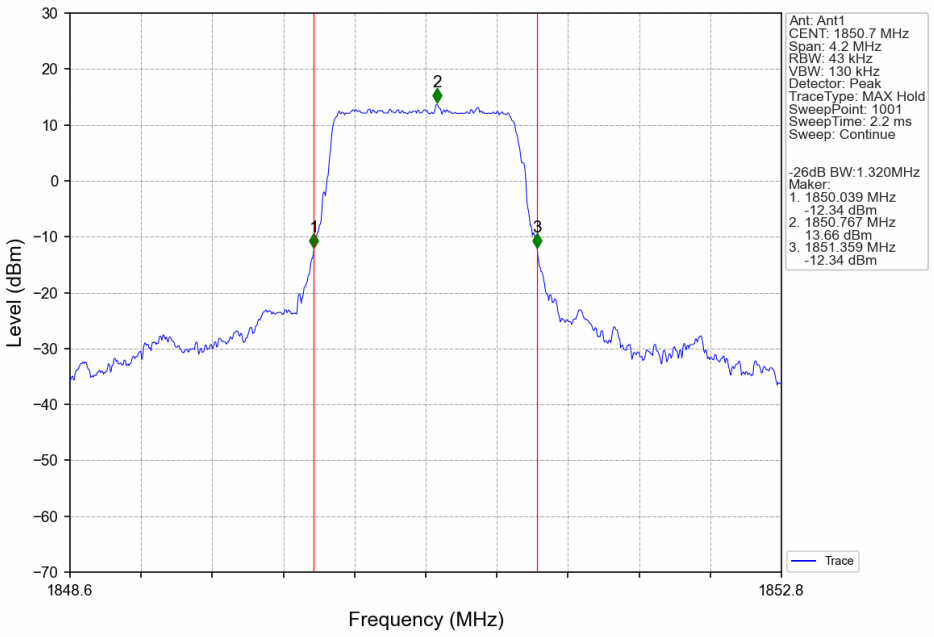


Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

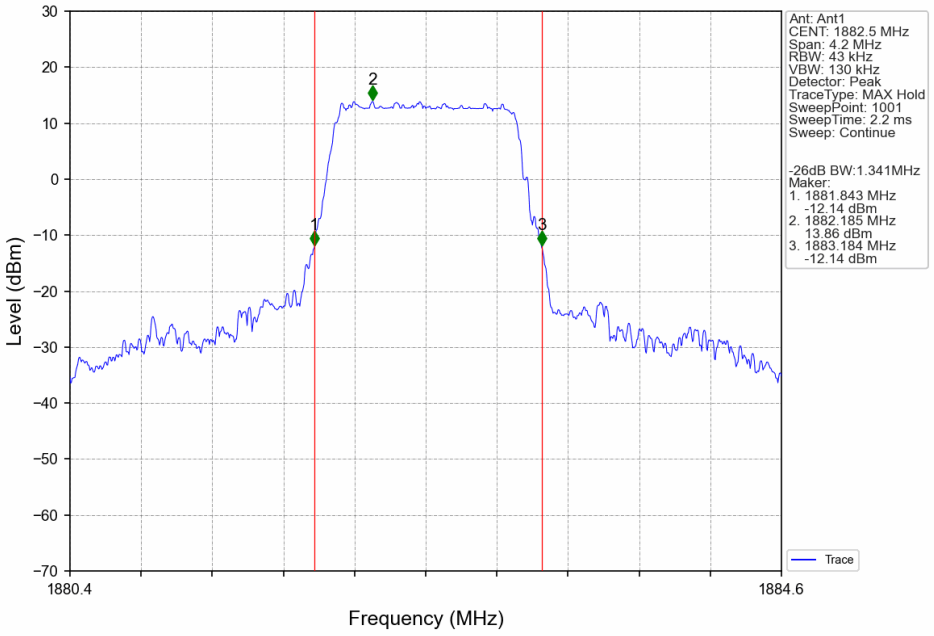


4.2.2 Band25_XDB

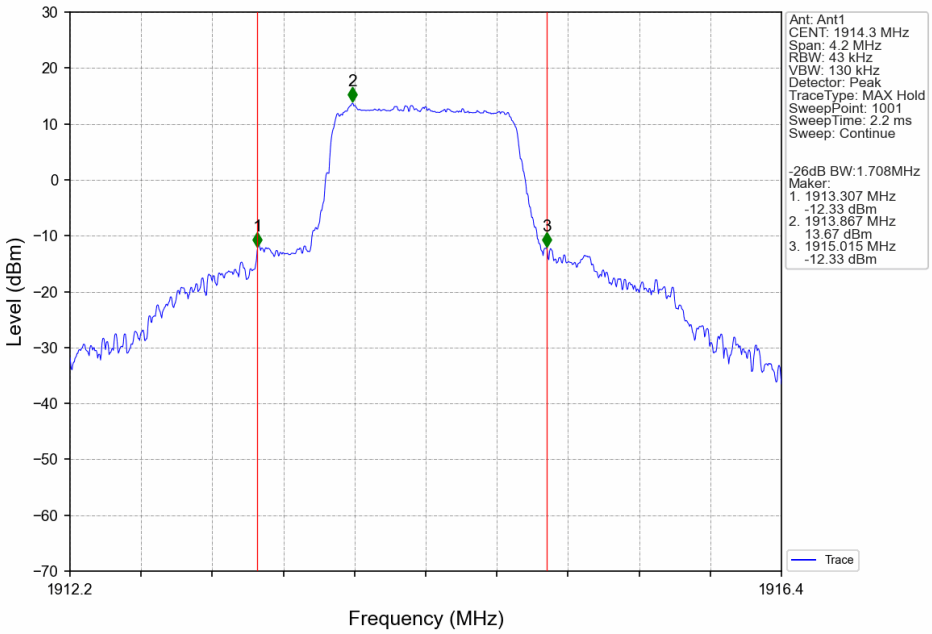
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



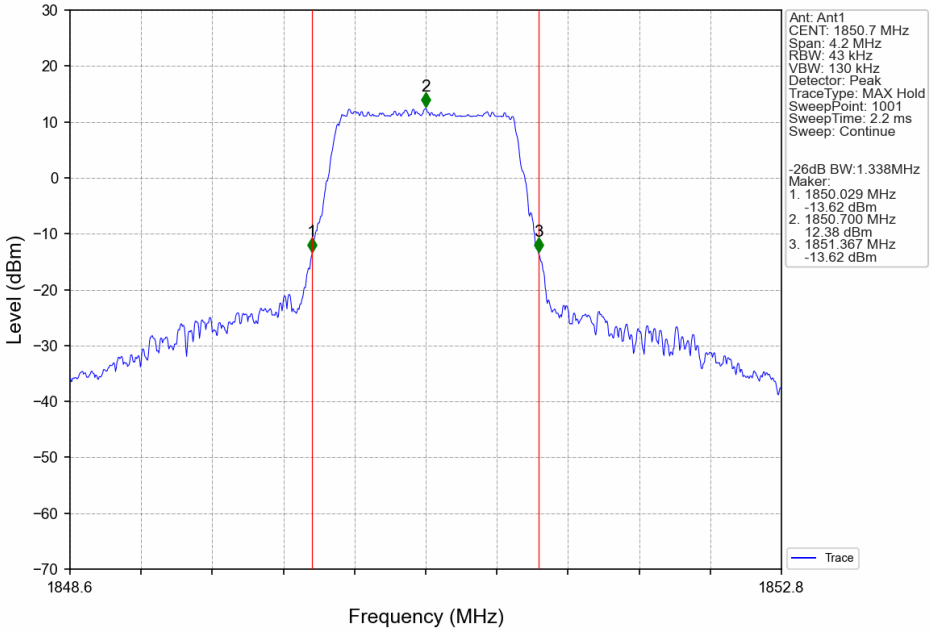
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



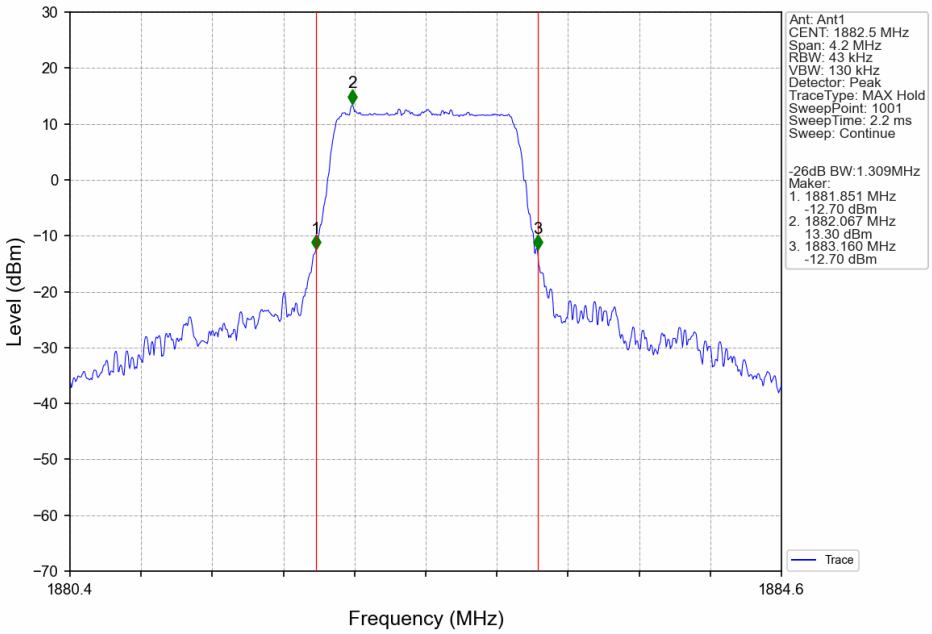
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



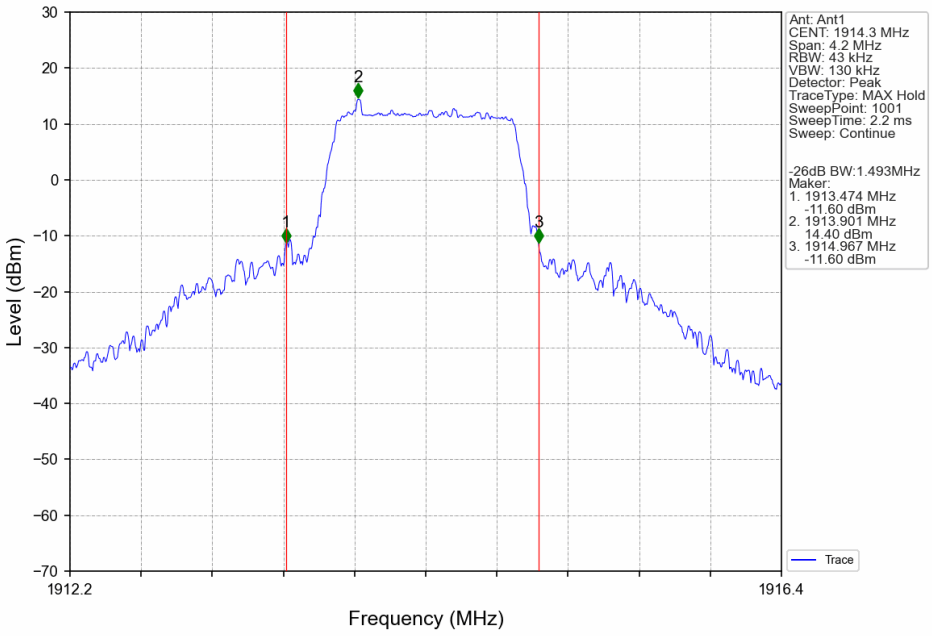
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



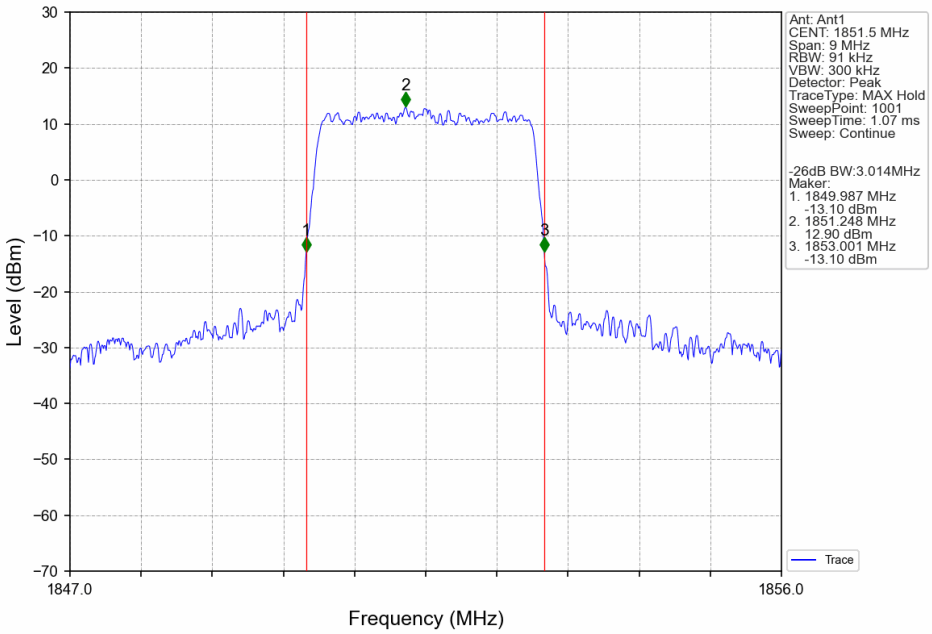
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



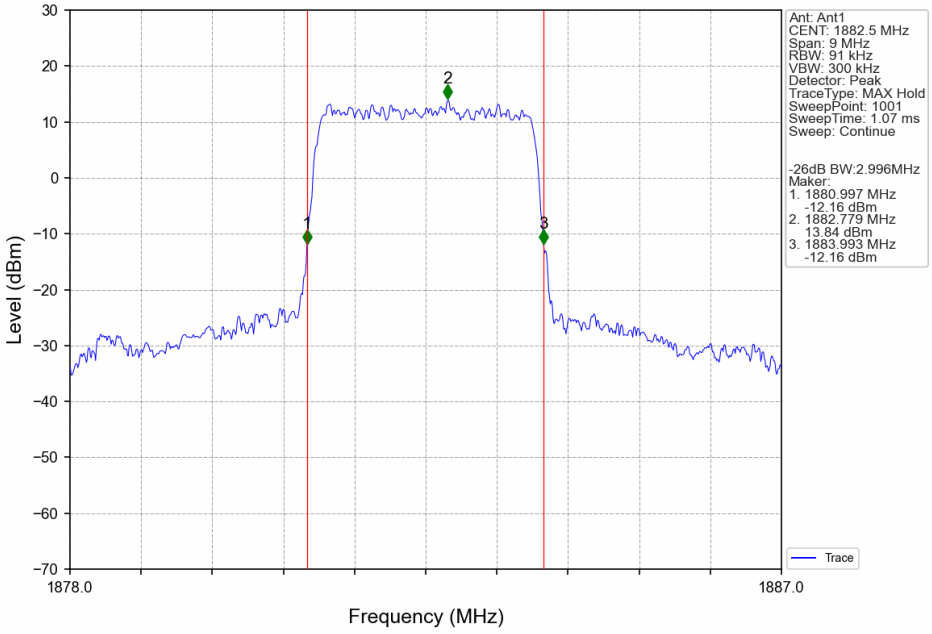
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



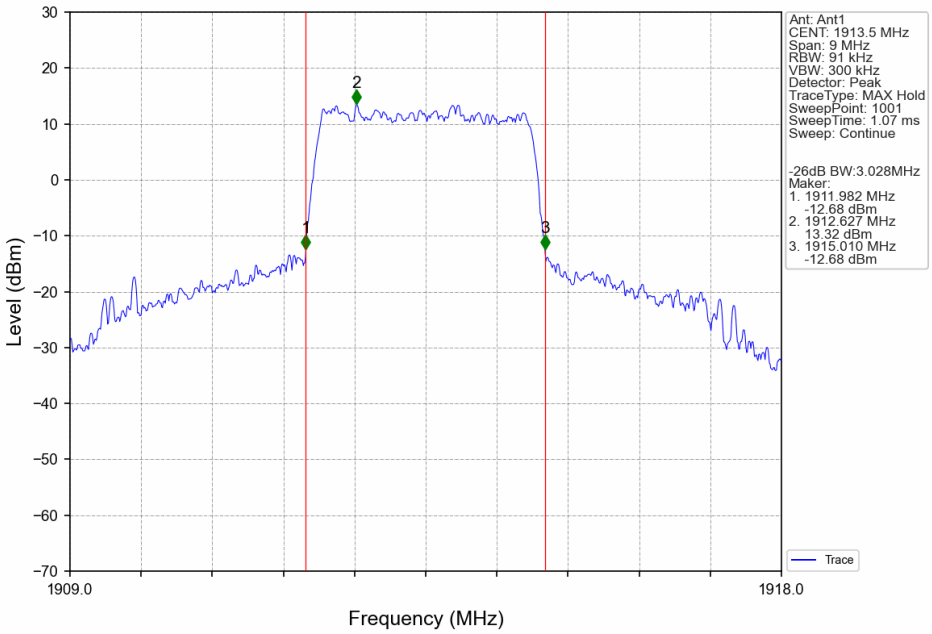
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



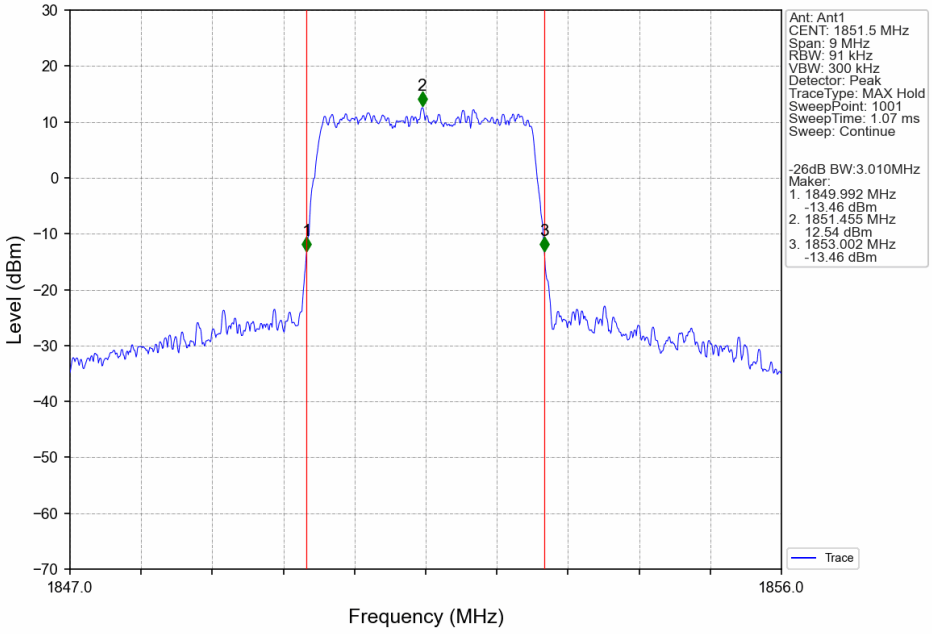
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



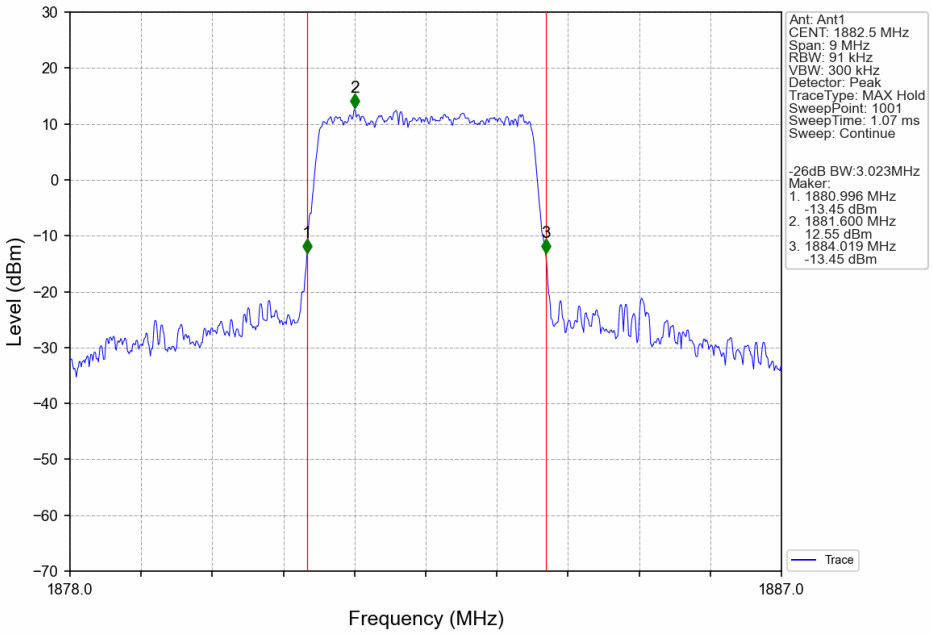
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



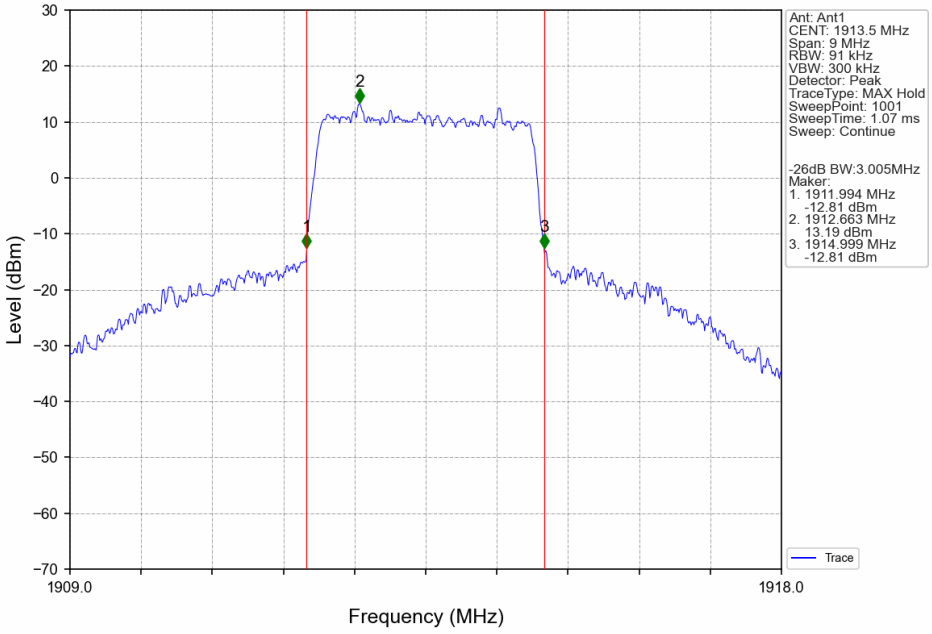
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



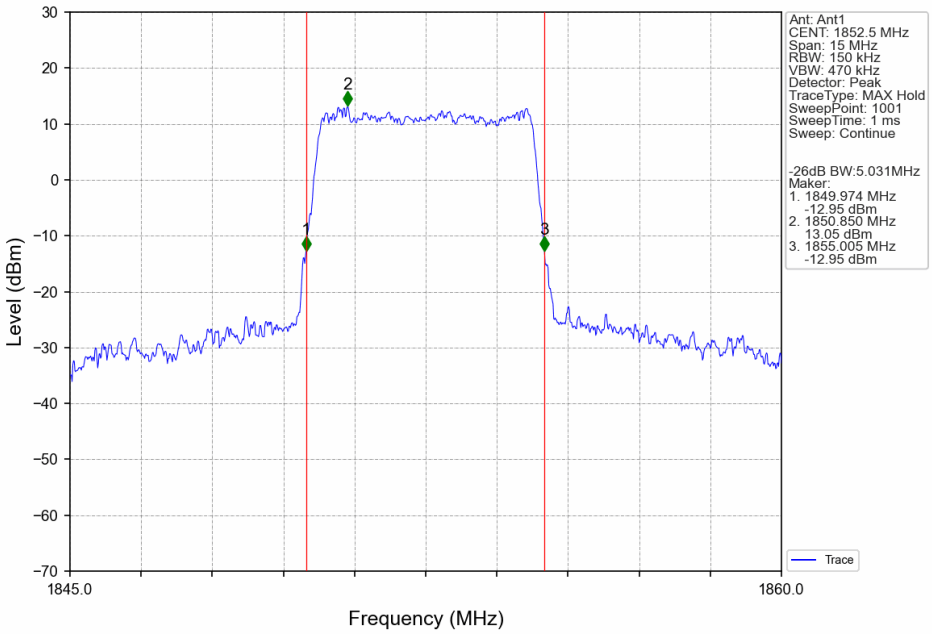
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



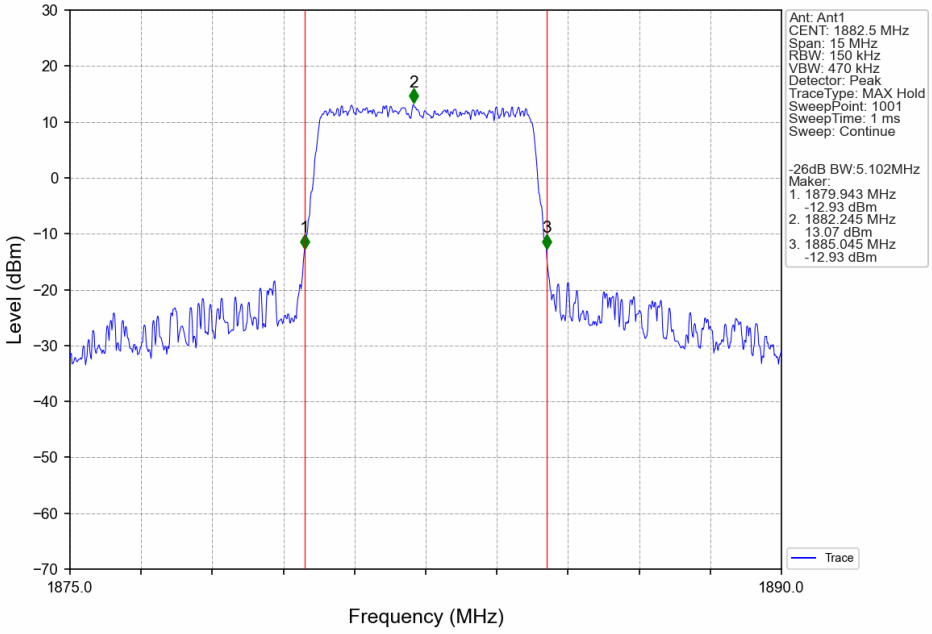
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



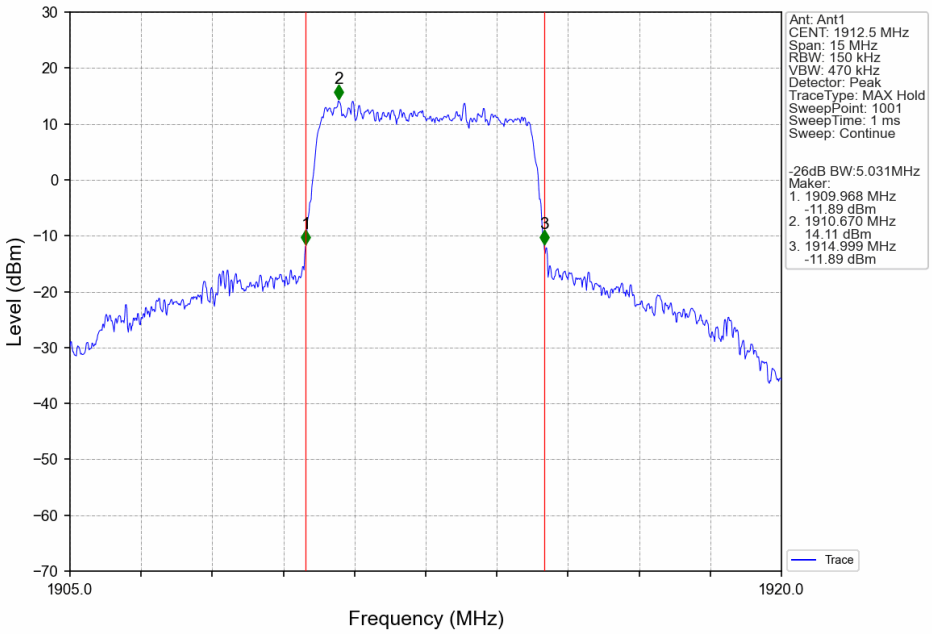
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



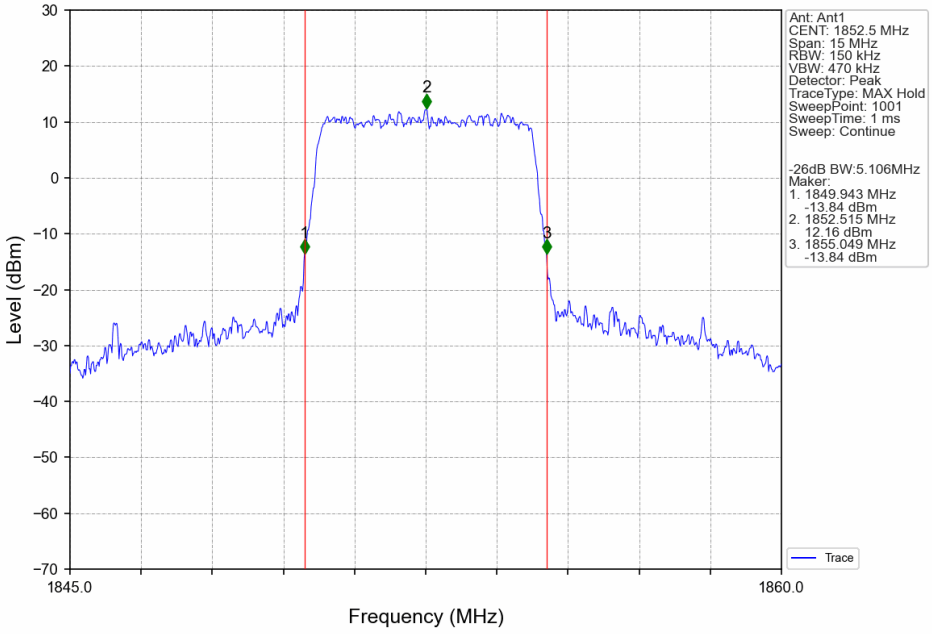
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



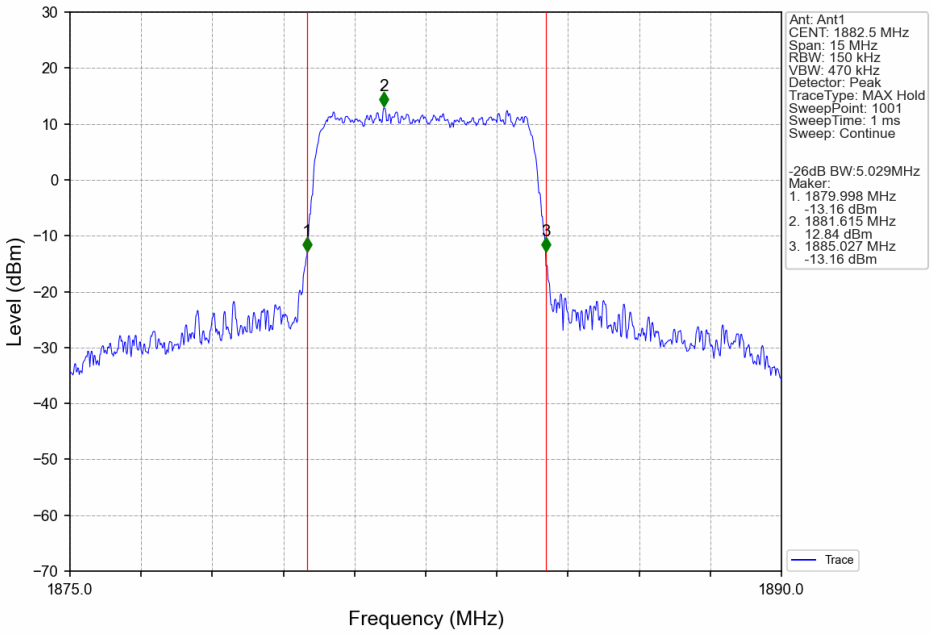
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



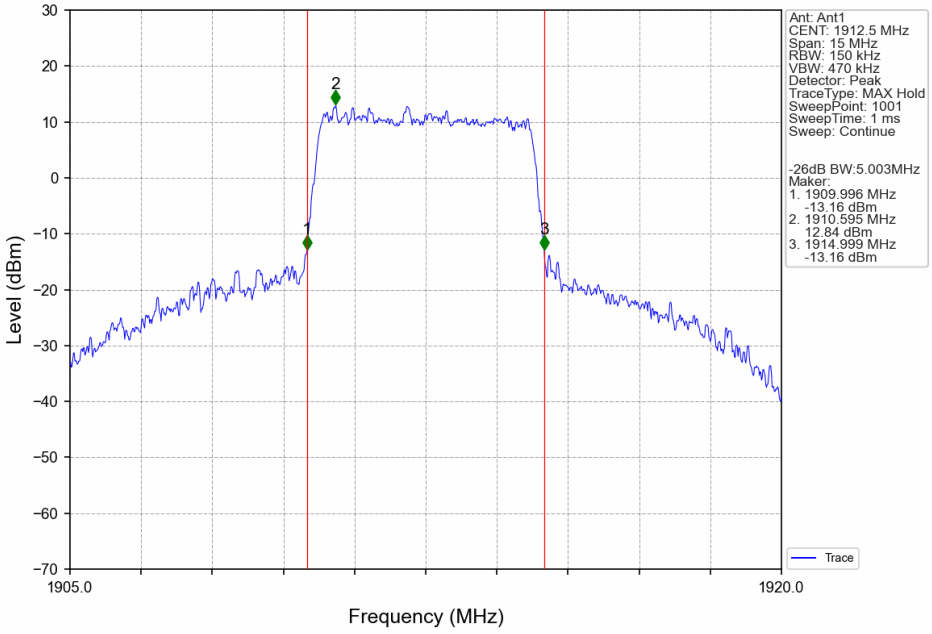
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



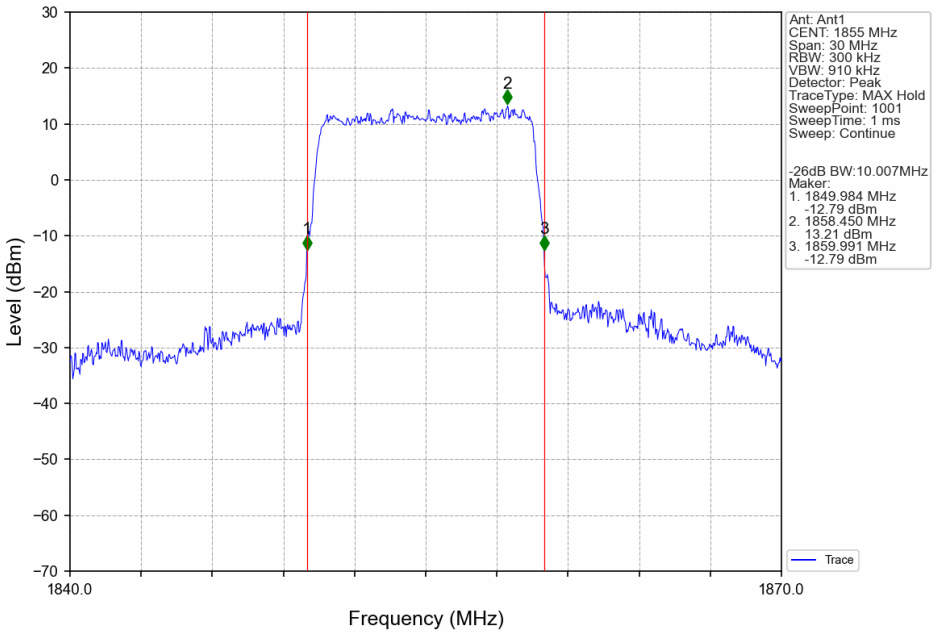
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



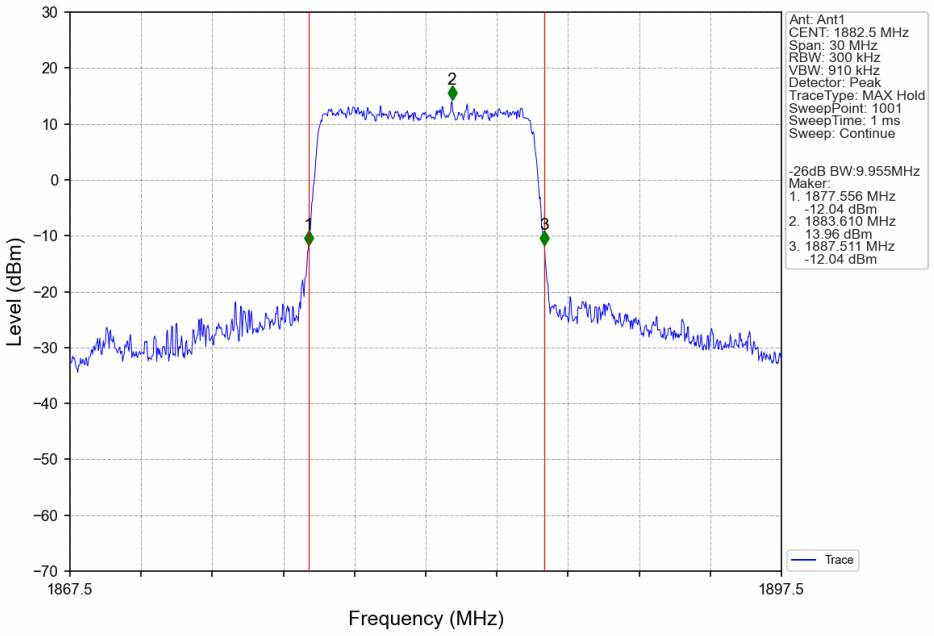
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



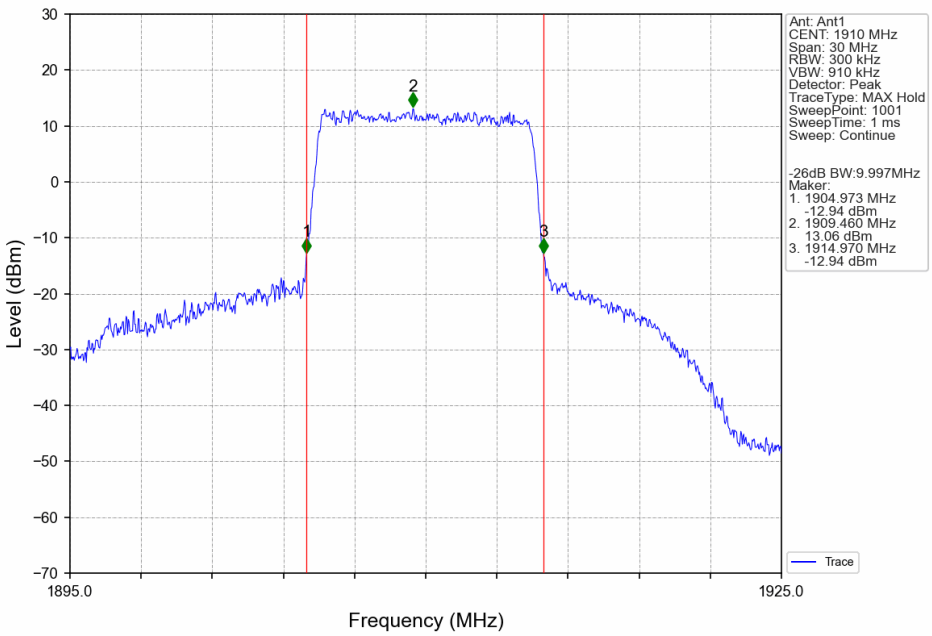
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV