

Appendix Test Data for LTE_band_25

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	23.05	2.86	25.91	<=33.01	Pass
			2	23.06	2.86	25.92	<=33.01	Pass
			5	23.05	2.86	25.91	<=33.01	Pass
		3	0	23.13	2.86	25.99	<=33.01	Pass
			2	23.15	2.86	26.01	<=33.01	Pass
			3	23.16	2.86	26.02	<=33.01	Pass
		6	0	22.10	2.86	24.96	<=33.01	Pass
	1882.5	1	0	22.97	2.86	25.83	<=33.01	Pass
			2	23.02	2.86	25.88	<=33.01	Pass
			5	22.95	2.86	25.81	<=33.01	Pass
		3	0	22.93	2.86	25.79	<=33.01	Pass
			2	22.95	2.86	25.81	<=33.01	Pass
			3	22.93	2.86	25.79	<=33.01	Pass
		6	0	21.92	2.86	24.78	<=33.01	Pass
	1914.3	1	0	22.44	2.86	25.30	<=33.01	Pass
			2	22.37	2.86	25.23	<=33.01	Pass
			5	22.33	2.86	25.19	<=33.01	Pass
		3	0	22.91	2.86	25.77	<=33.01	Pass
			2	22.93	2.86	25.79	<=33.01	Pass
			3	22.93	2.86	25.79	<=33.01	Pass
		6	0	21.94	2.86	24.80	<=33.01	Pass
16QAM	1850.7	1	0	22.30	2.86	25.16	<=33.01	Pass
			2	22.34	2.86	25.20	<=33.01	Pass
			5	22.32	2.86	25.18	<=33.01	Pass
		3	0	22.21	2.86	25.07	<=33.01	Pass
			2	22.21	2.86	25.07	<=33.01	Pass
			3	22.21	2.86	25.07	<=33.01	Pass
		6	0	21.08	2.86	23.94	<=33.01	Pass
	1882.5	1	0	21.84	2.86	24.70	<=33.01	Pass
			2	21.81	2.86	24.67	<=33.01	Pass
			5	21.67	2.86	24.53	<=33.01	Pass
		3	0	21.94	2.86	24.80	<=33.01	Pass
			2	21.90	2.86	24.76	<=33.01	Pass
			3	21.90	2.86	24.76	<=33.01	Pass
		6	0	21.01	2.86	23.87	<=33.01	Pass
	1914.3	1	0	21.78	2.86	24.64	<=33.01	Pass
			2	21.80	2.86	24.66	<=33.01	Pass
			5	21.79	2.86	24.65	<=33.01	Pass
		3	0	22.09	2.86	24.95	<=33.01	Pass
			2	22.07	2.86	24.93	<=33.01	Pass
			3	22.10	2.86	24.96	<=33.01	Pass
		6	0	20.94	2.86	23.80	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	22.66	2.86	25.52	<=33.01	Pass
			7	22.62	2.86	25.48	<=33.01	Pass
			14	22.54	2.86	25.40	<=33.01	Pass
		8	0	22.09	2.86	24.95	<=33.01	Pass
			4	22.09	2.86	24.95	<=33.01	Pass
			7	22.08	2.86	24.94	<=33.01	Pass
		15	0	22.07	2.86	24.93	<=33.01	Pass
			7	22.07	2.86	24.93	<=33.01	Pass
			14	22.07	2.86	24.93	<=33.01	Pass
	1882.5	1	0	22.51	2.86	25.37	<=33.01	Pass
			7	22.54	2.86	25.40	<=33.01	Pass
			14	22.49	2.86	25.35	<=33.01	Pass
		8	0	21.96	2.86	24.82	<=33.01	Pass
			4	21.94	2.86	24.80	<=33.01	Pass
			7	21.94	2.86	24.80	<=33.01	Pass
		15	0	21.95	2.86	24.81	<=33.01	Pass
			7	21.95	2.86	24.81	<=33.01	Pass
			14	21.95	2.86	24.81	<=33.01	Pass
	1913.5	1	0	22.43	2.86	25.29	<=33.01	Pass
			7	22.43	2.86	25.29	<=33.01	Pass
			14	22.40	2.86	25.26	<=33.01	Pass
		8	0	22.02	2.86	24.88	<=33.01	Pass
			4	21.97	2.86	24.83	<=33.01	Pass
			7	21.94	2.86	24.80	<=33.01	Pass
		15	0	21.96	2.86	24.82	<=33.01	Pass
			7	21.96	2.86	24.82	<=33.01	Pass
			14	21.96	2.86	24.82	<=33.01	Pass
16QAM	1851.5	1	0	21.85	2.86	24.71	<=33.01	Pass
			7	21.84	2.86	24.70	<=33.01	Pass
			14	21.80	2.86	24.66	<=33.01	Pass
		8	0	21.12	2.86	23.98	<=33.01	Pass
			4	21.07	2.86	23.93	<=33.01	Pass
			7	21.10	2.86	23.96	<=33.01	Pass
		15	0	21.09	2.86	23.95	<=33.01	Pass
			7	21.09	2.86	23.95	<=33.01	Pass
			14	21.09	2.86	23.95	<=33.01	Pass
	1882.5	1	0	21.59	2.86	24.45	<=33.01	Pass
			7	21.59	2.86	24.45	<=33.01	Pass
			14	21.53	2.86	24.39	<=33.01	Pass
		8	0	21.17	2.86	24.03	<=33.01	Pass
			4	21.12	2.86	23.98	<=33.01	Pass
			7	21.12	2.86	23.98	<=33.01	Pass
		15	0	21.00	2.86	23.86	<=33.01	Pass
			7	21.00	2.86	23.86	<=33.01	Pass
			14	21.00	2.86	23.86	<=33.01	Pass
	1913.5	1	0	21.61	2.86	24.47	<=33.01	Pass
			7	21.62	2.86	24.48	<=33.01	Pass
			14	21.63	2.86	24.49	<=33.01	Pass
		8	0	21.27	2.86	24.13	<=33.01	Pass
			4	21.23	2.86	24.09	<=33.01	Pass
			7	21.19	2.86	24.05	<=33.01	Pass
		15	0	21.03	2.86	23.89	<=33.01	Pass
			7	21.03	2.86	23.89	<=33.01	Pass
			14	21.03	2.86	23.89	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	22.73	2.86	25.59	<=33.01	Pass
			13	22.69	2.86	25.55	<=33.01	Pass
			24	22.73	2.86	25.59	<=33.01	Pass
		12	0	22.09	2.86	24.95	<=33.01	Pass
			6	22.14	2.86	25.00	<=33.01	Pass
			13	22.09	2.86	24.95	<=33.01	Pass
		25	0	22.12	2.86	24.98	<=33.01	Pass
	1882.5	1	0	22.56	2.86	25.42	<=33.01	Pass
			13	22.52	2.86	25.38	<=33.01	Pass
			24	22.53	2.86	25.39	<=33.01	Pass
		12	0	22.03	2.86	24.89	<=33.01	Pass
			6	21.98	2.86	24.84	<=33.01	Pass
			13	22.00	2.86	24.86	<=33.01	Pass
		25	0	22.04	2.86	24.90	<=33.01	Pass
	1912.5	1	0	22.61	2.86	25.47	<=33.01	Pass
			13	22.61	2.86	25.47	<=33.01	Pass
			24	22.63	2.86	25.49	<=33.01	Pass
		12	0	22.07	2.86	24.93	<=33.01	Pass
			6	22.01	2.86	24.87	<=33.01	Pass
			13	21.84	2.86	24.70	<=33.01	Pass
		25	0	22.00	2.86	24.86	<=33.01	Pass
16QAM	1852.5	1	0	21.93	2.86	24.79	<=33.01	Pass
			13	21.94	2.86	24.80	<=33.01	Pass
			24	21.96	2.86	24.82	<=33.01	Pass
		12	0	21.00	2.86	23.86	<=33.01	Pass
			6	21.05	2.86	23.91	<=33.01	Pass
			13	21.04	2.86	23.90	<=33.01	Pass
		25	0	21.11	2.86	23.97	<=33.01	Pass
	1882.5	1	0	21.77	2.86	24.63	<=33.01	Pass
			13	21.72	2.86	24.58	<=33.01	Pass
			24	21.68	2.86	24.54	<=33.01	Pass
		12	0	20.97	2.86	23.83	<=33.01	Pass
			6	20.92	2.86	23.78	<=33.01	Pass
			13	20.95	2.86	23.81	<=33.01	Pass
		25	0	20.99	2.86	23.85	<=33.01	Pass
	1912.5	1	0	21.72	2.86	24.58	<=33.01	Pass
			13	21.74	2.86	24.60	<=33.01	Pass
			24	21.76	2.86	24.62	<=33.01	Pass
		12	0	21.14	2.86	24.00	<=33.01	Pass
			6	21.07	2.86	23.93	<=33.01	Pass
			13	20.83	2.86	23.69	<=33.01	Pass
		25	0	21.02	2.86	23.88	<=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	22.59	2.86	25.45	<=33.01	Pass
			25	22.62	2.86	25.48	<=33.01	Pass
			49	22.58	2.86	25.44	<=33.01	Pass
		25	0	22.09	2.86	24.95	<=33.01	Pass
			13	22.11	2.86	24.97	<=33.01	Pass
			25	22.15	2.86	25.01	<=33.01	Pass
		50	0	22.11	2.86	24.97	<=33.01	Pass
	1882.5	1	0	22.51	2.86	25.37	<=33.01	Pass
			25	22.58	2.86	25.44	<=33.01	Pass
			49	22.51	2.86	25.37	<=33.01	Pass
		25	0	21.97	2.86	24.83	<=33.01	Pass
			13	22.01	2.86	24.87	<=33.01	Pass
			25	22.00	2.86	24.86	<=33.01	Pass
		50	0	22.03	2.86	24.89	<=33.01	Pass
	1910	1	0	22.39	2.86	25.25	<=33.01	Pass
			25	22.50	2.86	25.36	<=33.01	Pass
			49	22.46	2.86	25.32	<=33.01	Pass
		25	0	21.88	2.86	24.74	<=33.01	Pass
			13	22.00	2.86	24.86	<=33.01	Pass
			25	21.82	2.86	24.68	<=33.01	Pass
		50	0	21.85	2.86	24.71	<=33.01	Pass
16QAM	1855	1	0	21.81	2.86	24.67	<=33.01	Pass
			25	21.89	2.86	24.75	<=33.01	Pass
			49	21.82	2.86	24.68	<=33.01	Pass
		25	0	21.11	2.86	23.97	<=33.01	Pass
			13	21.11	2.86	23.97	<=33.01	Pass
			25	21.15	2.86	24.01	<=33.01	Pass
		50	0	21.07	2.86	23.93	<=33.01	Pass
	1882.5	1	0	21.56	2.86	24.42	<=33.01	Pass
			25	21.61	2.86	24.47	<=33.01	Pass
			49	21.51	2.86	24.37	<=33.01	Pass
		25	0	20.98	2.86	23.84	<=33.01	Pass
			13	21.07	2.86	23.93	<=33.01	Pass
			25	21.05	2.86	23.91	<=33.01	Pass
		50	0	21.00	2.86	23.86	<=33.01	Pass
	1910	1	0	21.58	2.86	24.44	<=33.01	Pass
			25	21.65	2.86	24.51	<=33.01	Pass
			49	21.62	2.86	24.48	<=33.01	Pass
		25	0	20.92	2.86	23.78	<=33.01	Pass
			13	21.05	2.86	23.91	<=33.01	Pass
			25	20.82	2.86	23.68	<=33.01	Pass
		50	0	20.83	2.86	23.69	<=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	22.61	2.86	25.47	<=33.01	Pass
			38	22.62	2.86	25.48	<=33.01	Pass
			74	22.59	2.86	25.45	<=33.01	Pass
		36	0	22.09	2.86	24.95	<=33.01	Pass
			18	22.11	2.86	24.97	<=33.01	Pass
			39	22.12	2.86	24.98	<=33.01	Pass
		75	0	22.12	2.86	24.98	<=33.01	Pass
	1882.5	1	0	22.54	2.86	25.40	<=33.01	Pass
			38	22.57	2.86	25.43	<=33.01	Pass
			74	22.42	2.86	25.28	<=33.01	Pass
		36	0	21.96	2.86	24.82	<=33.01	Pass
			18	21.98	2.86	24.84	<=33.01	Pass
			39	21.95	2.86	24.81	<=33.01	Pass
		75	0	22.00	2.86	24.86	<=33.01	Pass
	1907.5	1	0	22.41	2.86	25.27	<=33.01	Pass
			38	22.47	2.86	25.33	<=33.01	Pass
			74	22.41	2.86	25.27	<=33.01	Pass
		36	0	21.91	2.86	24.77	<=33.01	Pass
			18	21.99	2.86	24.85	<=33.01	Pass
			39	21.88	2.86	24.74	<=33.01	Pass
		75	0	21.91	2.86	24.77	<=33.01	Pass
16QAM	1857.5	1	0	22.04	2.86	24.90	<=33.01	Pass
			38	22.10	2.86	24.96	<=33.01	Pass
			74	22.05	2.86	24.91	<=33.01	Pass
		36	0	21.06	2.86	23.92	<=33.01	Pass
			18	21.08	2.86	23.94	<=33.01	Pass
			39	21.06	2.86	23.92	<=33.01	Pass
		75	0	21.09	2.86	23.95	<=33.01	Pass
	1882.5	1	0	21.56	2.86	24.42	<=33.01	Pass
			38	21.60	2.86	24.46	<=33.01	Pass
			74	21.45	2.86	24.31	<=33.01	Pass
		36	0	20.92	2.86	23.78	<=33.01	Pass
			18	20.98	2.86	23.84	<=33.01	Pass
			39	20.93	2.86	23.79	<=33.01	Pass
		75	0	20.96	2.86	23.82	<=33.01	Pass
	1907.5	1	0	21.60	2.86	24.46	<=33.01	Pass
			38	21.68	2.86	24.54	<=33.01	Pass
			74	21.57	2.86	24.43	<=33.01	Pass
		36	0	20.88	2.86	23.74	<=33.01	Pass
			18	20.95	2.86	23.81	<=33.01	Pass
			39	20.93	2.86	23.79	<=33.01	Pass
		75	0	20.88	2.86	23.74	<=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	22.56	2.86	25.42	<=33.01	Pass
			50	22.67	2.86	25.53	<=33.01	Pass
			99	22.60	2.86	25.46	<=33.01	Pass
		50	0	22.11	2.86	24.97	<=33.01	Pass
			25	22.12	2.86	24.98	<=33.01	Pass
			50	22.11	2.86	24.97	<=33.01	Pass
		100	0	22.06	2.86	24.92	<=33.01	Pass
	1882.5	1	0	22.43	2.86	25.29	<=33.01	Pass
			50	22.48	2.86	25.34	<=33.01	Pass
			99	22.28	2.86	25.14	<=33.01	Pass
		50	0	22.00	2.86	24.86	<=33.01	Pass
			25	22.01	2.86	24.87	<=33.01	Pass
			50	21.94	2.86	24.80	<=33.01	Pass
		100	0	21.99	2.86	24.85	<=33.01	Pass
	1905	1	0	22.33	2.86	25.19	<=33.01	Pass
			50	22.52	2.86	25.38	<=33.01	Pass
			99	22.48	2.86	25.34	<=33.01	Pass
		50	0	21.96	2.86	24.82	<=33.01	Pass
			25	22.06	2.86	24.92	<=33.01	Pass
			50	21.97	2.86	24.83	<=33.01	Pass
		100	0	22.01	2.86	24.87	<=33.01	Pass
16QAM	1860	1	0	21.73	2.86	24.59	<=33.01	Pass
			50	21.83	2.86	24.69	<=33.01	Pass
			99	21.79	2.86	24.65	<=33.01	Pass
		50	0	21.07	2.86	23.93	<=33.01	Pass
			25	21.14	2.86	24.00	<=33.01	Pass
			50	21.08	2.86	23.94	<=33.01	Pass
		100	0	21.09	2.86	23.95	<=33.01	Pass
	1882.5	1	0	21.88	2.86	24.74	<=33.01	Pass
			50	21.95	2.86	24.81	<=33.01	Pass
			99	21.74	2.86	24.60	<=33.01	Pass
		50	0	20.97	2.86	23.83	<=33.01	Pass
			25	21.01	2.86	23.87	<=33.01	Pass
			50	20.96	2.86	23.82	<=33.01	Pass
		100	0	20.95	2.86	23.81	<=33.01	Pass
	1905	1	0	21.52	2.86	24.38	<=33.01	Pass
			50	21.69	2.86	24.55	<=33.01	Pass
			99	21.68	2.86	24.54	<=33.01	Pass
		50	0	20.95	2.86	23.81	<=33.01	Pass
			25	21.06	2.86	23.92	<=33.01	Pass
			50	21.00	2.86	23.86	<=33.01	Pass
		100	0	21.00	2.86	23.86	<=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	-2.503	-0.0014	-2.5 to 2.5	Pass
					3.85	-5.465	-0.0030	-2.5 to 2.5	Pass
					4.43	-4.363	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-5.608	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0028	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.376	0.0018	-2.5 to 2.5	Pass
				30	3.85	5.879	0.0032	-2.5 to 2.5	Pass
				40	3.85	7.381	0.0040	-2.5 to 2.5	Pass
				50	3.85	9.456	0.0051	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	14.076	0.0075	-2.5 to 2.5	Pass
					3.85	11.058	0.0059	-2.5 to 2.5	Pass
					4.43	12.703	0.0067	-2.5 to 2.5	Pass
				-30	3.85	8.483	0.0045	-2.5 to 2.5	Pass
				-20	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				-10	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				0	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				10	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				30	3.85	6.981	0.0037	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-1.359	-0.0007	-2.5 to 2.5	Pass
					3.85	5.279	0.0028	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.319	0.0017	-2.5 to 2.5	Pass
				-10	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				0	3.85	-7.267	-0.0038	-2.5 to 2.5	Pass
				10	3.85	4.950	0.0026	-2.5 to 2.5	Pass
				30	3.85	2.303	0.0012	-2.5 to 2.5	Pass
				40	3.85	9.298	0.0049	-2.5 to 2.5	Pass
				50	3.85	1.559	0.0008	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	4.635	0.0025	-2.5 to 2.5	Pass
					3.85	2.246	0.0012	-2.5 to 2.5	Pass
					4.43	6.108	0.0033	-2.5 to 2.5	Pass
				-30	3.85	8.483	0.0046	-2.5 to 2.5	Pass
				-20	3.85	7.153	0.0039	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				10	3.85	5.479	0.0030	-2.5 to 2.5	Pass
				30	3.85	9.727	0.0053	-2.5 to 2.5	Pass
				40	3.85	13.518	0.0073	-2.5 to 2.5	Pass
				50	3.85	1.016	0.0005	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-2.303	-0.0012	-2.5 to 2.5	Pass
					3.85	12.732	0.0068	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.220	-0.0022	-2.5 to 2.5	Pass

				0	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
				10	3.85	4.821	0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				50	3.85	2.961	0.0016	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-1.431	-0.0007	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0027	-2.5 to 2.5	Pass
					4.43	9.112	0.0048	-2.5 to 2.5	Pass
				-30	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				-20	3.85	10.729	0.0056	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				10	3.85	9.427	0.0049	-2.5 to 2.5	Pass
				30	3.85	6.337	0.0033	-2.5 to 2.5	Pass
				40	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				50	3.85	4.592	0.0024	-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	-4.935	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
					4.43	-9.942	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	8.597	0.0046	-2.5 to 2.5	Pass
				-10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				0	3.85	8.869	0.0048	-2.5 to 2.5	Pass
				10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				40	3.85	2.232	0.0012	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	7.367	0.0039	-2.5 to 2.5	Pass
					3.85	11.988	0.0064	-2.5 to 2.5	Pass
					4.43	-1.245	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	8.140	0.0043	-2.5 to 2.5	Pass
				-20	3.85	12.717	0.0068	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				10	3.85	5.693	0.0030	-2.5 to 2.5	Pass
				30	3.85	9.127	0.0048	-2.5 to 2.5	Pass
				40	3.85	2.089	0.0011	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-5.136	-0.0027	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
				0	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-10.271	-0.0054	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
					3.27	2.561	0.0014	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0006	-2.5 to 2.5	Pass

				-30	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				10	3.85	7.181	0.0039	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-10.986	-0.0059	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-3.691	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
					4.43	8.969	0.0048	-2.5 to 2.5	Pass
				-30	3.85	4.621	0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				-10	3.85	10.343	0.0055	-2.5 to 2.5	Pass
				0	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				10	3.85	7.911	0.0042	-2.5 to 2.5	Pass
				30	3.85	5.078	0.0027	-2.5 to 2.5	Pass
				40	3.85	10.829	0.0058	-2.5 to 2.5	Pass
				50	3.85	0.401	0.0002	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-1.073	-0.0006	-2.5 to 2.5	Pass
					3.85	1.316	0.0007	-2.5 to 2.5	Pass
					4.43	1.774	0.0009	-2.5 to 2.5	Pass
				-30	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				-20	3.85	12.660	0.0066	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				30	3.85	2.174	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				50	3.85	8.197	0.0043	-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	-0.958	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.475	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				-10	3.85	12.918	0.0070	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0015	-2.5 to 2.5	Pass
				10	3.85	8.569	0.0046	-2.5 to 2.5	Pass
				30	3.85	5.264	0.0028	-2.5 to 2.5	Pass
				40	3.85	4.621	0.0025	-2.5 to 2.5	Pass
				50	3.85	5.937	0.0032	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-5.822	-0.0031	-2.5 to 2.5	Pass
					3.85	3.362	0.0018	-2.5 to 2.5	Pass
					4.43	0.343	0.0002	-2.5 to 2.5	Pass
				-30	3.85	7.167	0.0038	-2.5 to 2.5	Pass
				-20	3.85	5.708	0.0030	-2.5 to 2.5	Pass
				-10	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	3.848	0.0020	-2.5 to 2.5	Pass
				30	3.85	4.234	0.0022	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-5.150	-0.0027	-2.5 to 2.5	Pass

	1912.5	25	0	20	3.27	-1.688	-0.0009	-2.5 to 2.5	Pass
					3.85	0.157	0.0001	-2.5 to 2.5	Pass
					4.43	7.954	0.0042	-2.5 to 2.5	Pass
				-30	3.85	2.961	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				10	3.85	3.762	0.0020	-2.5 to 2.5	Pass
				30	3.85	3.247	0.0017	-2.5 to 2.5	Pass
				40	3.85	4.048	0.0021	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	0.672	0.0004	-2.5 to 2.5	Pass
					3.85	7.167	0.0039	-2.5 to 2.5	Pass
					4.43	6.366	0.0034	-2.5 to 2.5	Pass
				-30	3.85	6.652	0.0036	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0022	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0020	-2.5 to 2.5	Pass
				0	3.85	9.956	0.0054	-2.5 to 2.5	Pass
				10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-4.163	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
					4.43	1.431	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-1.073	-0.0006	-2.5 to 2.5	Pass
					3.85	1.888	0.0010	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	7.110	0.0037	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	4.606	0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				10	3.85	6.838	0.0036	-2.5 to 2.5	Pass
				30	3.85	10.715	0.0056	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0019	-2.5 to 2.5	Pass
				50	3.85	6.552	0.0034	-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	2.704	0.0015	-2.5 to 2.5	Pass
					3.85	2.604	0.0014	-2.5 to 2.5	Pass
					4.43	1.874	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.701	0.0004	-2.5 to 2.5	Pass

				30	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				40	3.85	2.189	0.0012	-2.5 to 2.5	Pass
				50	3.85	3.762	0.0020	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	1.802	0.0010	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	1.173	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.588	0.0008	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	2.332	0.0012	-2.5 to 2.5	Pass
					3.85	7.668	0.0040	-2.5 to 2.5	Pass
					4.43	0.958	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				-10	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				0	3.85	5.064	0.0027	-2.5 to 2.5	Pass
				10	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				40	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				50	3.85	4.921	0.0026	-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	4.621	0.0025	-2.5 to 2.5	Pass
					4.43	2.890	0.0016	-2.5 to 2.5	Pass
				-30	3.85	3.090	0.0017	-2.5 to 2.5	Pass
				-20	3.85	6.251	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				10	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				30	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				40	3.85	5.050	0.0027	-2.5 to 2.5	Pass
				50	3.85	2.232	0.0012	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-1.030	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.618	-0.0014	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				30	3.85	5.393	0.0029	-2.5 to 2.5	Pass
				40	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0012	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	0.429	0.0002	-2.5 to 2.5	Pass
					3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
					4.43	2.890	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	3.648	0.0019	-2.5 to 2.5	Pass
				-10	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.501	0.0003	-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	2.031	0.0011	-2.5 to 2.5	Pass
					3.85	0.901	0.0005	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-7.524	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	0.973	0.0005	-2.5 to 2.5	Pass
					3.85	5.236	0.0028	-2.5 to 2.5	Pass
					4.43	6.666	0.0035	-2.5 to 2.5	Pass
				-30	3.85	5.093	0.0027	-2.5 to 2.5	Pass
				-20	3.85	4.606	0.0024	-2.5 to 2.5	Pass
				-10	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	2.875	0.0015	-2.5 to 2.5	Pass
				30	3.85	6.194	0.0033	-2.5 to 2.5	Pass
				40	3.85	2.975	0.0016	-2.5 to 2.5	Pass
				50	3.85	3.104	0.0016	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	1.588	0.0008	-2.5 to 2.5	Pass
					3.85	3.676	0.0019	-2.5 to 2.5	Pass
					4.43	3.119	0.0016	-2.5 to 2.5	Pass
				-30	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-20	3.85	4.520	0.0024	-2.5 to 2.5	Pass
				-10	3.85	3.877	0.0020	-2.5 to 2.5	Pass
				0	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				10	3.85	6.351	0.0033	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	4.377	0.0023	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.632	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.106	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.834	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.791	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				30	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-1.917	-0.0010	-2.5 to 2.5	Pass
					3.85	2.747	0.0015	-2.5 to 2.5	Pass
					4.43	1.345	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				-10	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				10	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.775	0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass

	1907.5	75	0	20	3.27	7.753	0.0041	-2.5 to 2.5	Pass
					3.85	4.792	0.0025	-2.5 to 2.5	Pass
					4.43	1.287	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.216	0.0006	-2.5 to 2.5	Pass
				-20	3.85	5.350	0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.416	0.0007	-2.5 to 2.5	Pass
				30	3.85	3.877	0.0020	-2.5 to 2.5	Pass
				40	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				50	3.85	1.159	0.0006	-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	-0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				40	3.85	2.947	0.0016	-2.5 to 2.5	Pass
				50	3.85	2.275	0.0012	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
					4.43	2.232	0.0012	-2.5 to 2.5	Pass
				-30	3.85	3.104	0.0016	-2.5 to 2.5	Pass
				-20	3.85	2.403	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	2.146	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-2.275	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
					4.43	1.788	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-10	3.85	5.994	0.0031	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	2.747	0.0014	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0005	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.616	0.0009	-2.5 to 2.5	Pass
					3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.151	0.0033	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.787	0.0004	-2.5 to 2.5	Pass

				30	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				40	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-0.486	-0.0003	-2.5 to 2.5	Pass
					3.85	4.134	0.0022	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0007	-2.5 to 2.5	Pass
				10	3.85	5.794	0.0031	-2.5 to 2.5	Pass
				30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0008	-2.5 to 2.5	Pass
					4.43	3.176	0.0017	-2.5 to 2.5	Pass
				-30	3.85	3.891	0.0020	-2.5 to 2.5	Pass
				-20	3.85	7.267	0.0038	-2.5 to 2.5	Pass
				-10	3.85	5.064	0.0027	-2.5 to 2.5	Pass
				0	3.85	7.954	0.0042	-2.5 to 2.5	Pass
				10	3.85	7.081	0.0037	-2.5 to 2.5	Pass
				30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				40	3.85	5.021	0.0026	-2.5 to 2.5	Pass
				50	3.85	6.738	0.0035	-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

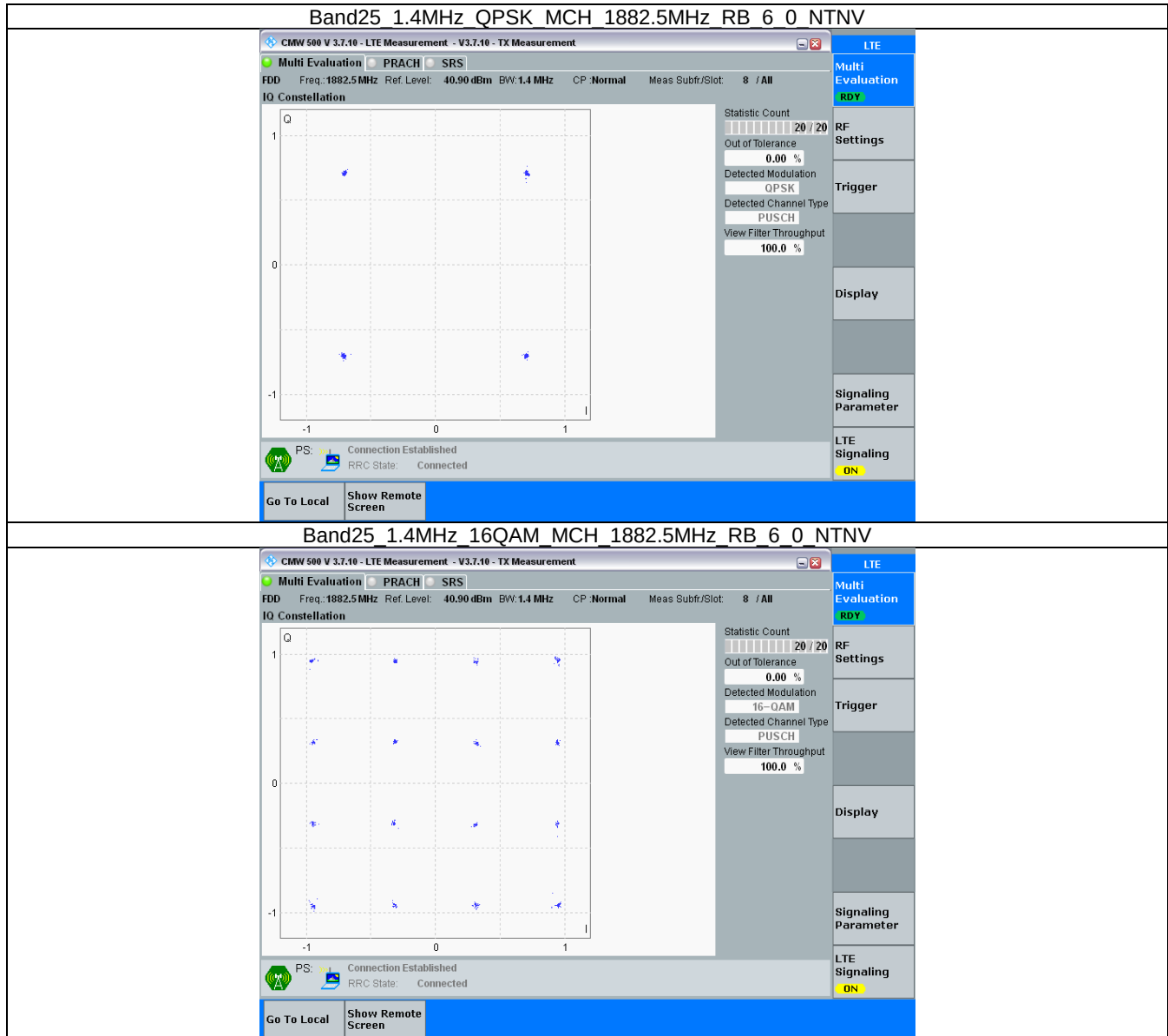
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

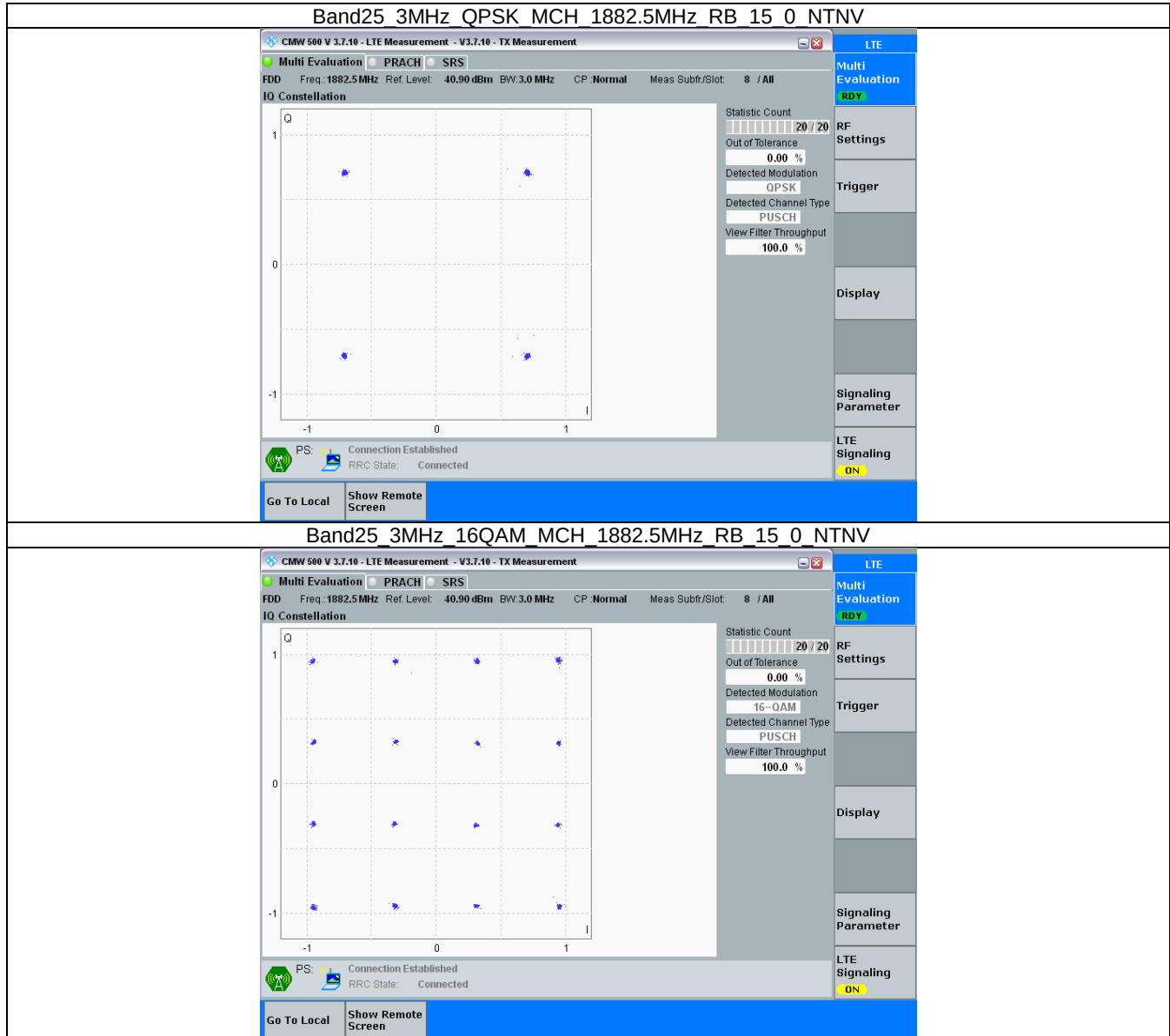
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

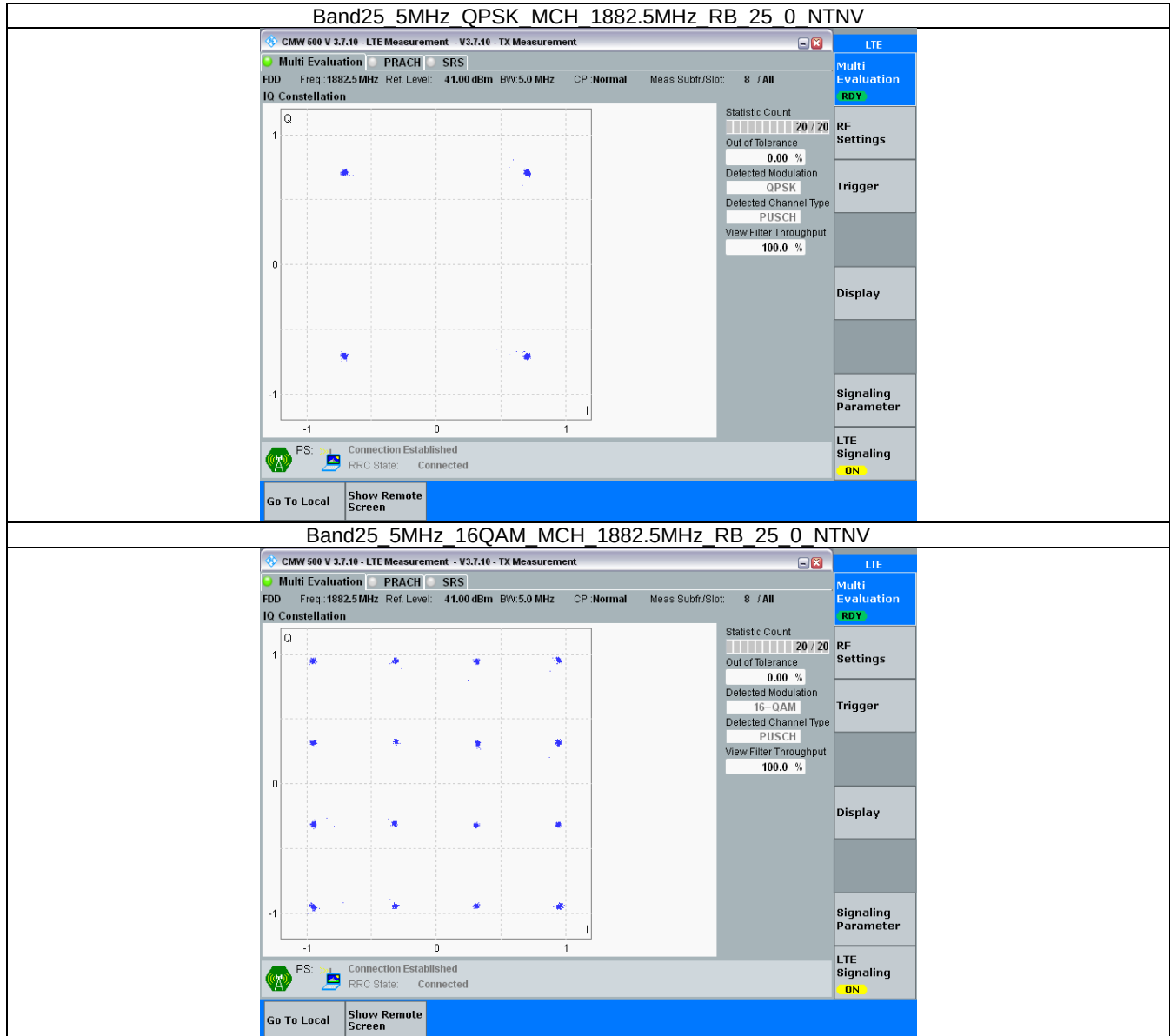
3.2.1 B25_1.4MHz



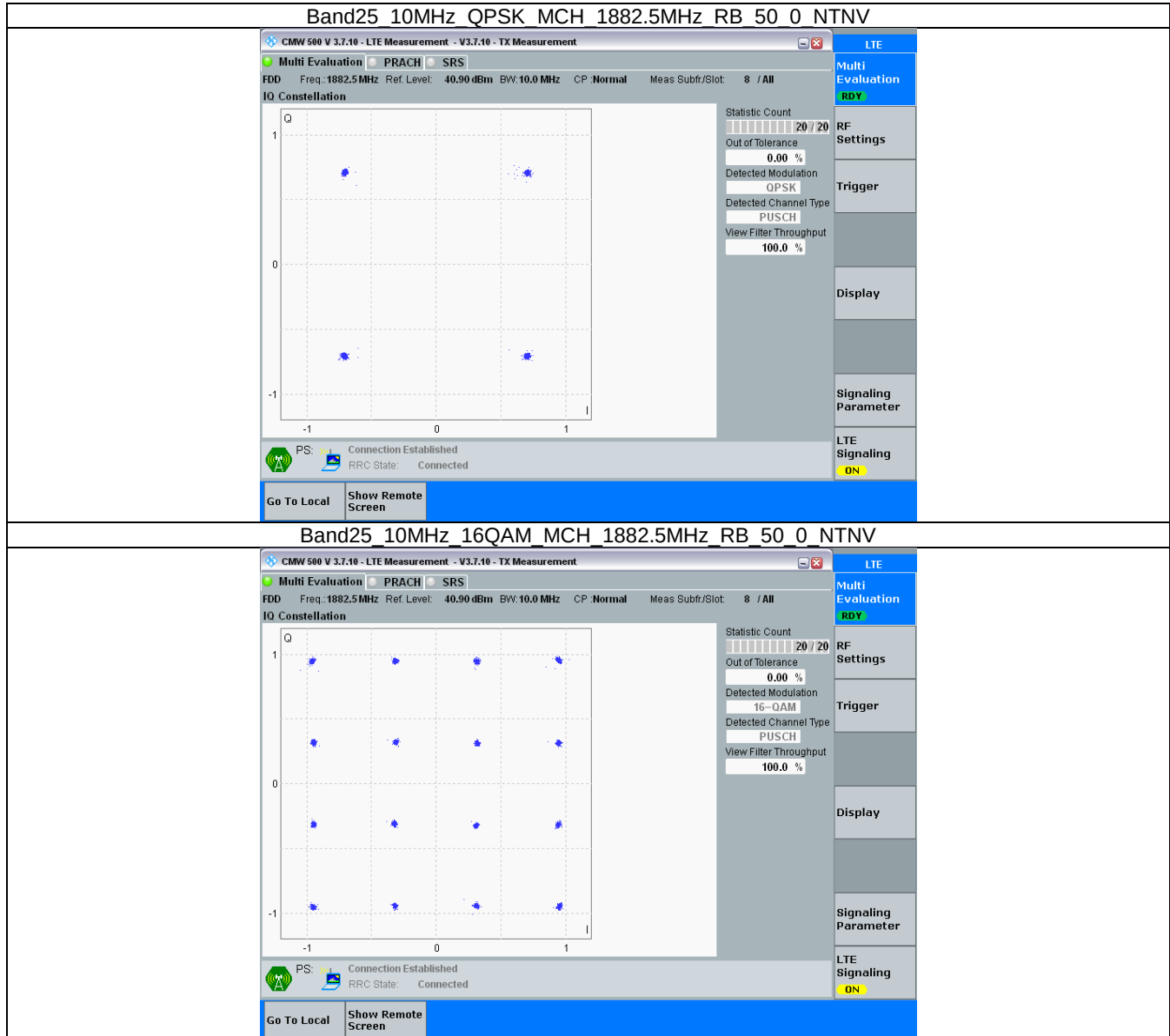
3.2.2 B25_3MHz



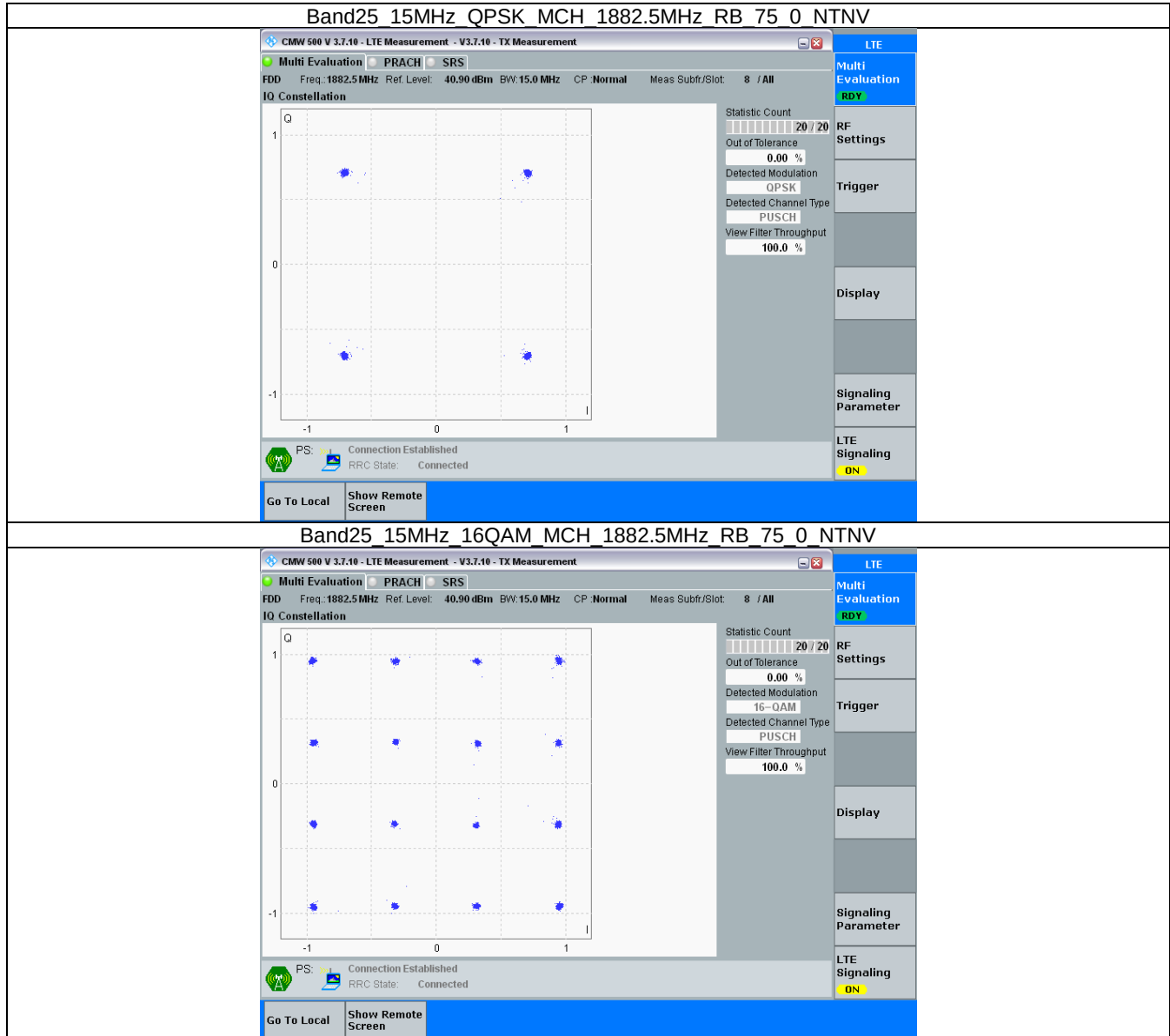
3.2.3 B25_5MHz



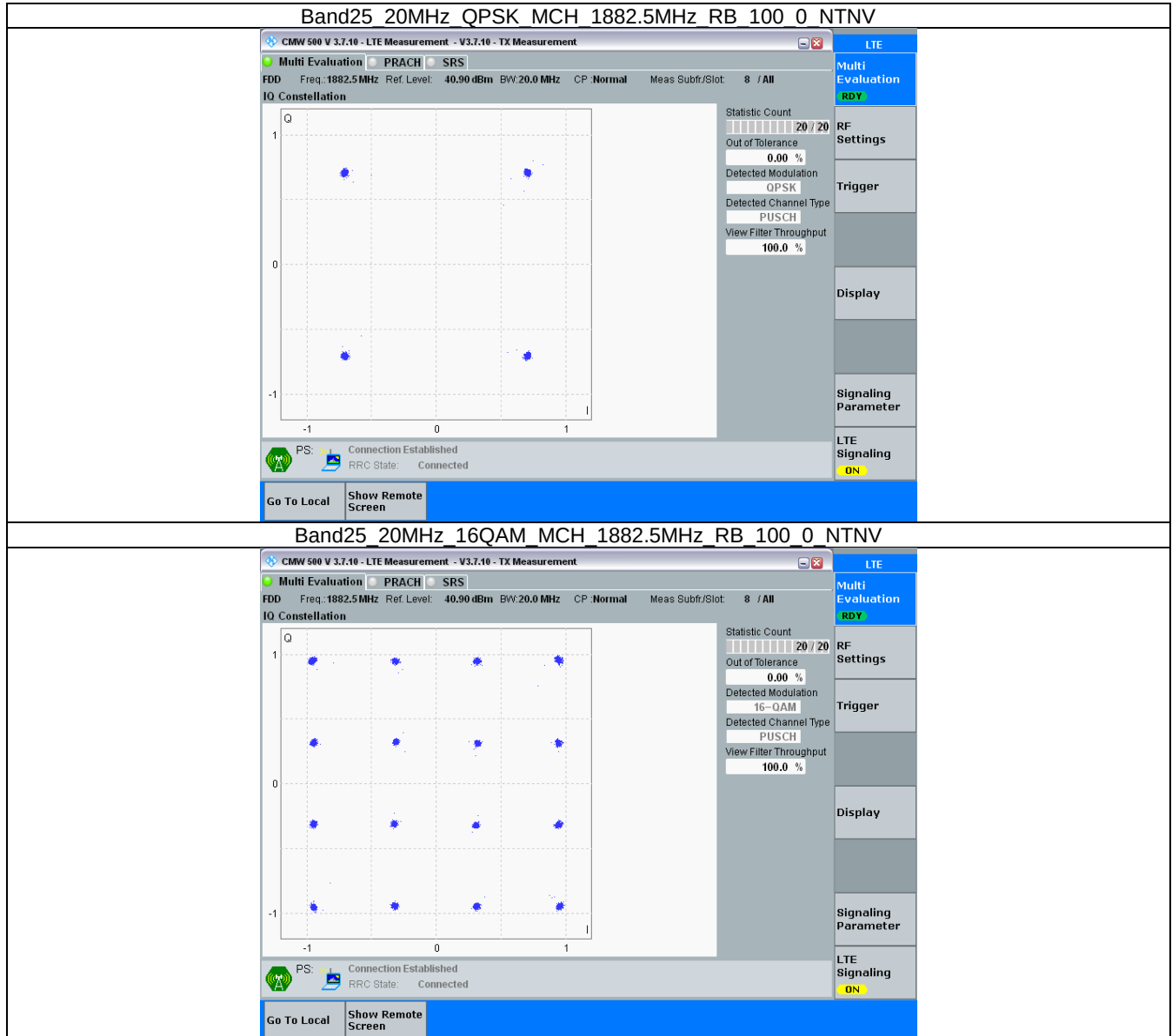
3.2.4 B25_10MHz



3.2.5 B25_15MHz



3.2.6 B25_20MHz



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	1.093	/	Pass
		1882.5	6	0	1.086	/	Pass
		1914.3	6	0	1.086	/	Pass
	16QAM	1850.7	6	0	1.089	/	Pass
		1882.5	6	0	1.083	/	Pass
		1914.3	6	0	1.092	/	Pass
3	QPSK	1851.5	15	0	2.690	/	Pass
		1882.5	15	0	2.680	/	Pass
		1913.5	15	0	2.681	/	Pass
	16QAM	1851.5	15	0	2.682	/	Pass
		1882.5	15	0	2.677	/	Pass
		1913.5	15	0	2.682	/	Pass
5	QPSK	1852.5	25	0	4.508	/	Pass
		1882.5	25	0	4.511	/	Pass
		1912.5	25	0	4.507	/	Pass
	16QAM	1852.5	25	0	4.517	/	Pass
		1882.5	25	0	4.519	/	Pass
		1912.5	25	0	4.496	/	Pass
10	QPSK	1855	50	0	8.942	/	Pass
		1882.5	50	0	8.935	/	Pass
		1910	50	0	8.924	/	Pass
	16QAM	1855	50	0	8.951	/	Pass
		1882.5	50	0	8.950	/	Pass
		1910	50	0	8.939	/	Pass
15	QPSK	1857.5	75	0	13.443	/	Pass
		1882.5	75	0	13.389	/	Pass
		1907.5	75	0	13.412	/	Pass
	16QAM	1857.5	75	0	13.457	/	Pass
		1882.5	75	0	13.400	/	Pass
		1907.5	75	0	13.398	/	Pass
20	QPSK	1860	100	0	17.855	/	Pass
		1882.5	100	0	17.855	/	Pass
		1905	100	0	17.907	/	Pass
	16QAM	1860	100	0	17.906	/	Pass
		1882.5	100	0	17.879	/	Pass
		1905	100	0	17.852	/	Pass

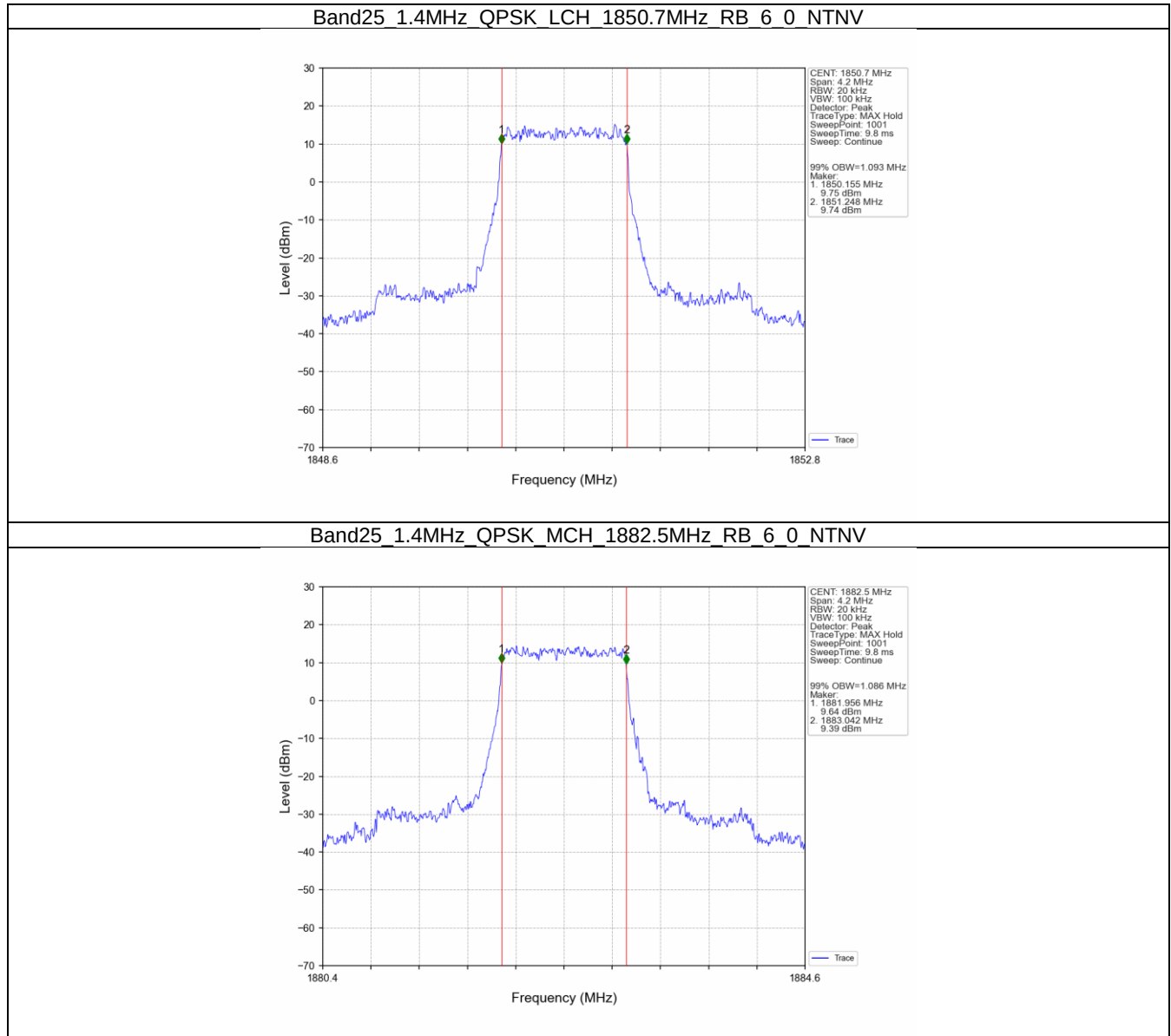
4.1.2 Band25_XDB

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	1.256	/	Pass
		1882.5	6	0	1.287	/	Pass
		1914.3	6	0	1.254	/	Pass
	16QAM	1850.7	6	0	1.273	/	Pass
		1882.5	6	0	1.244	/	Pass
		1914.3	6	0	1.292	/	Pass
3	QPSK	1851.5	15	0	2.883	/	Pass

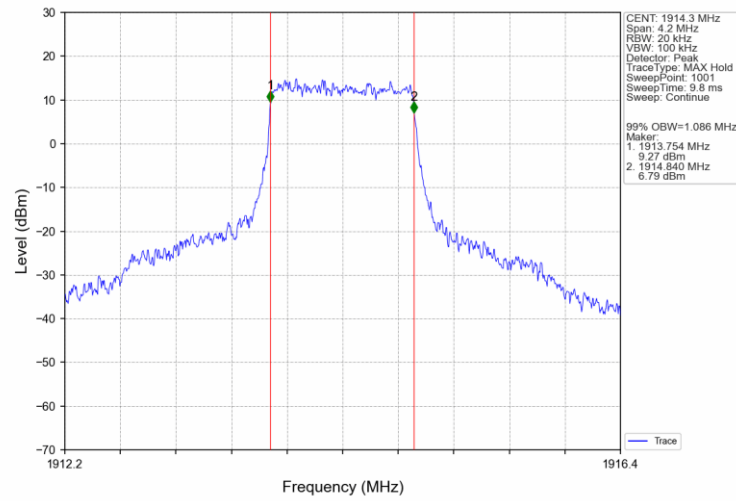
	16QAM	1882.5	15	0	2.854	/	Pass
		1913.5	15	0	2.871	/	Pass
		1851.5	15	0	2.877	/	Pass
		1882.5	15	0	2.897	/	Pass
		1913.5	15	0	2.909	/	Pass
5	QPSK	1852.5	25	0	4.978	/	Pass
		1882.5	25	0	4.937	/	Pass
		1912.5	25	0	4.934	/	Pass
	16QAM	1852.5	25	0	5.022	/	Pass
		1882.5	25	0	5.007	/	Pass
		1912.5	25	0	4.915	/	Pass
10	QPSK	1855	50	0	9.626	/	Pass
		1882.5	50	0	9.523	/	Pass
		1910	50	0	9.557	/	Pass
	16QAM	1855	50	0	9.549	/	Pass
		1882.5	50	0	9.633	/	Pass
		1910	50	0	9.467	/	Pass
15	QPSK	1857.5	75	0	14.544	/	Pass
		1882.5	75	0	14.453	/	Pass
		1907.5	75	0	14.475	/	Pass
	16QAM	1857.5	75	0	14.391	/	Pass
		1882.5	75	0	14.496	/	Pass
		1907.5	75	0	14.473	/	Pass
20	QPSK	1860	100	0	19.089	/	Pass
		1882.5	100	0	18.998	/	Pass
		1905	100	0	18.898	/	Pass
	16QAM	1860	100	0	19.089	/	Pass
		1882.5	100	0	18.944	/	Pass
		1905	100	0	18.964	/	Pass

4.2 Test Graph

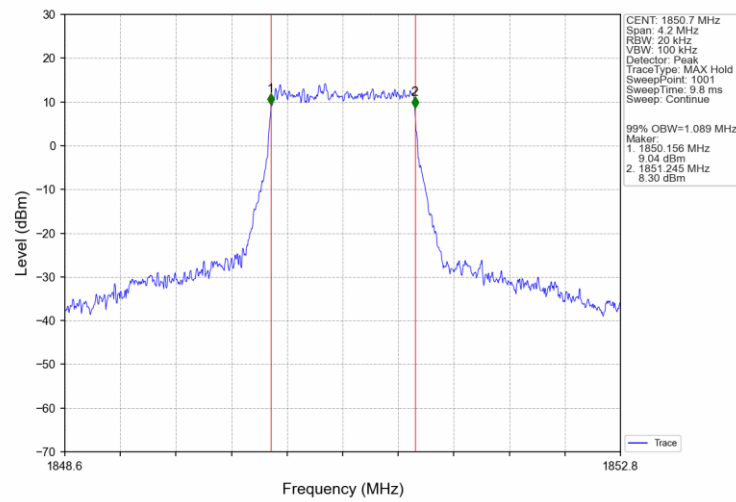
4.2.1 Band25_OBW



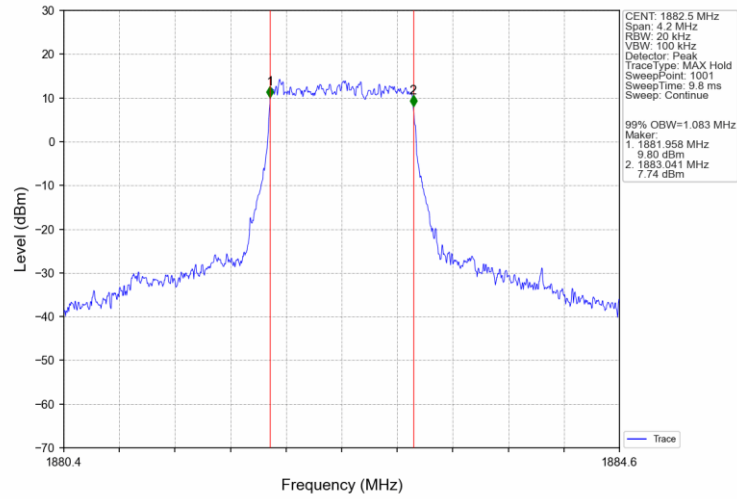
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



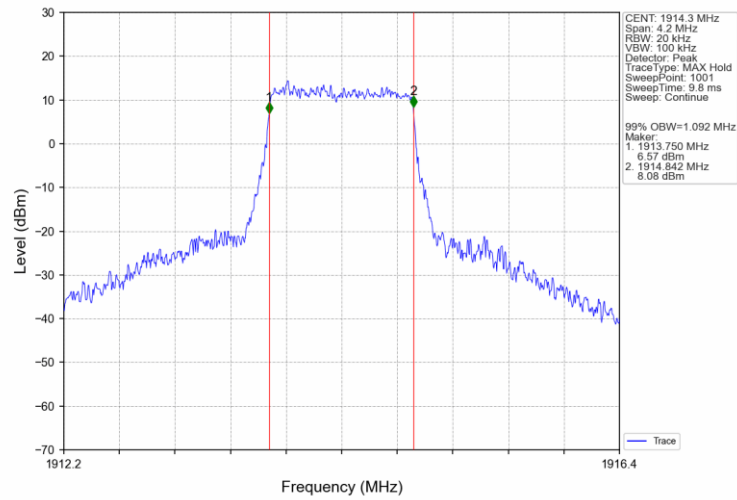
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



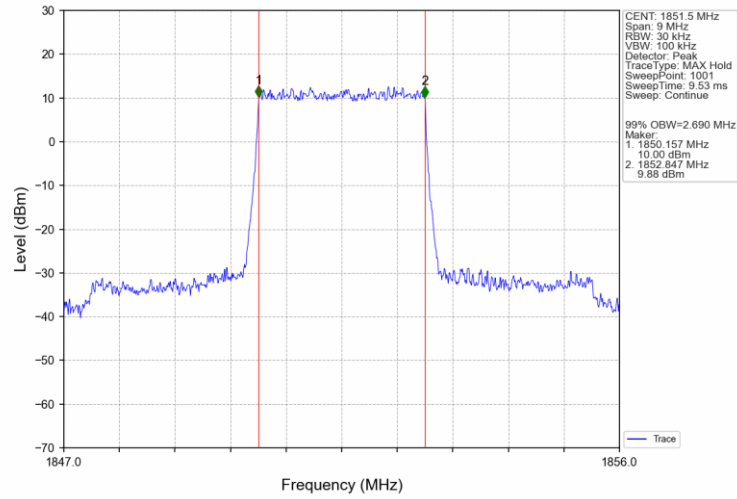
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



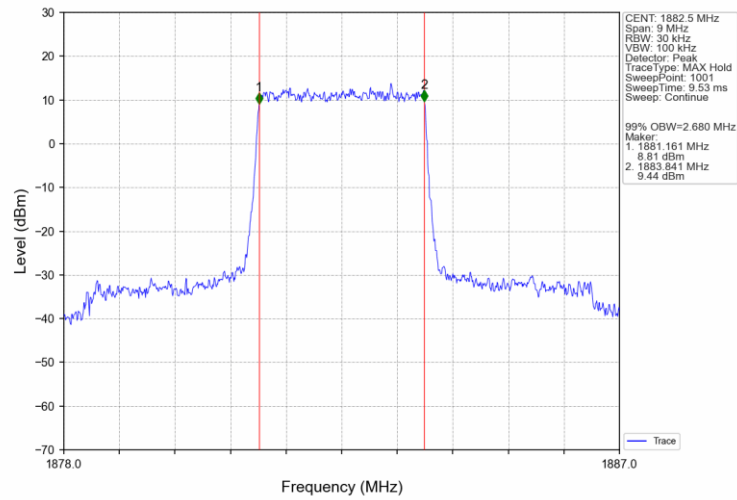
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



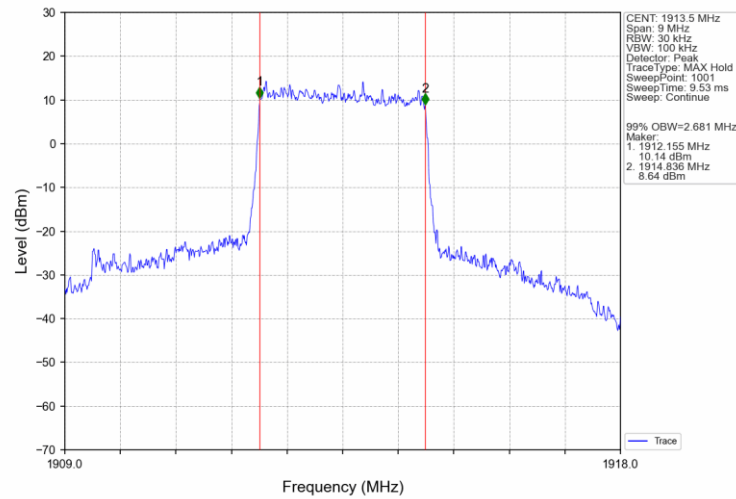
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



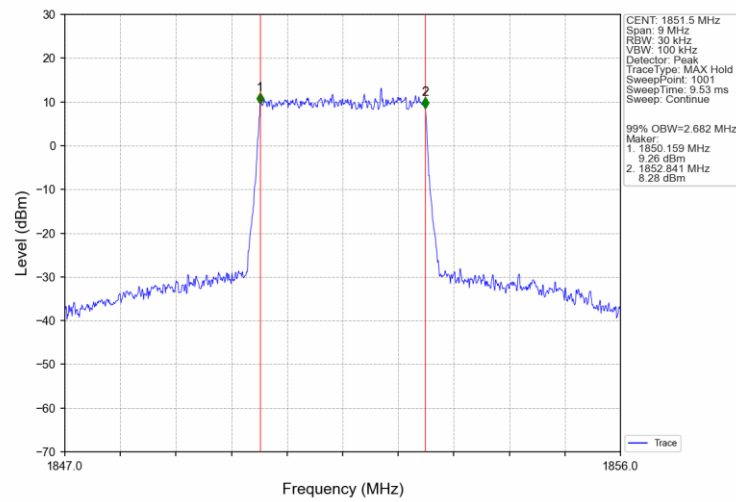
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



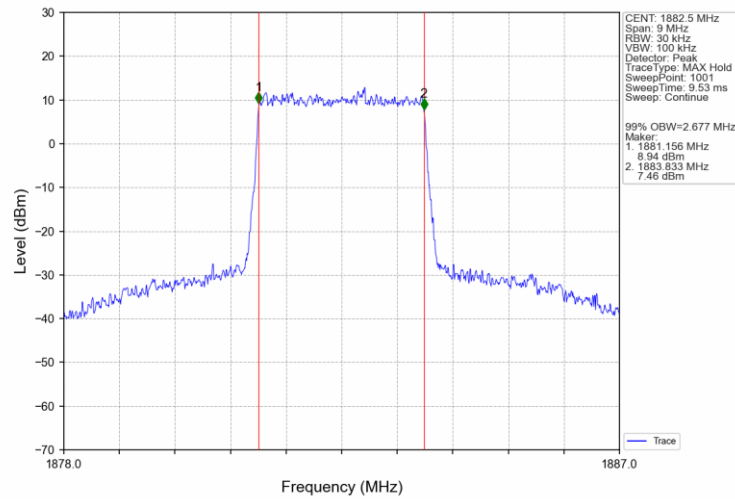
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



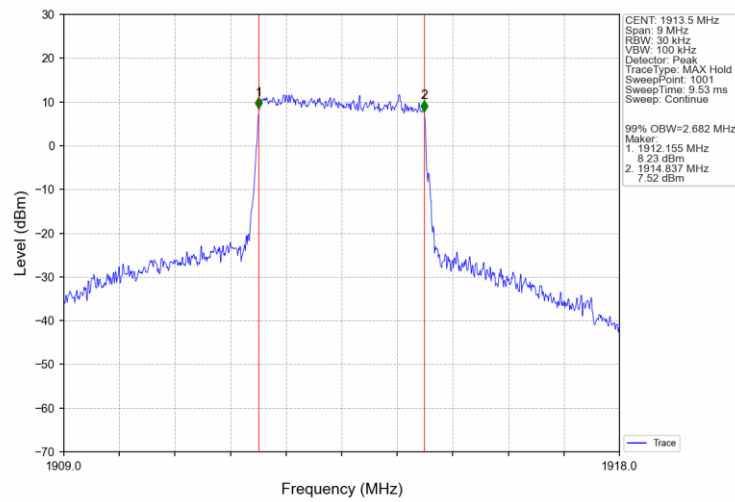
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



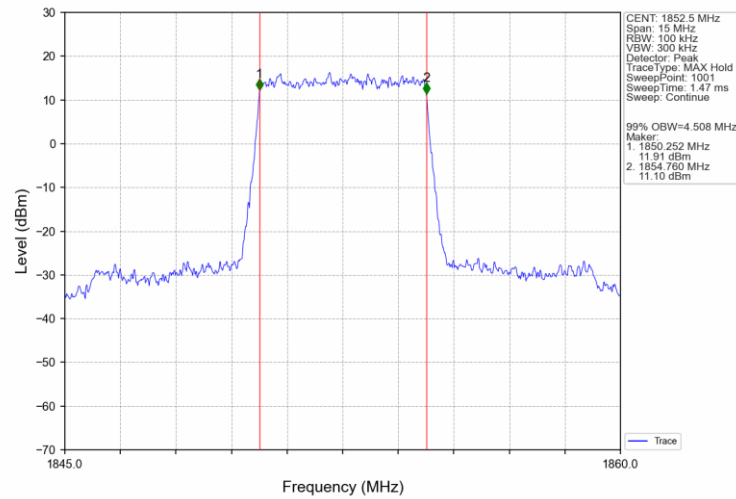
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTN



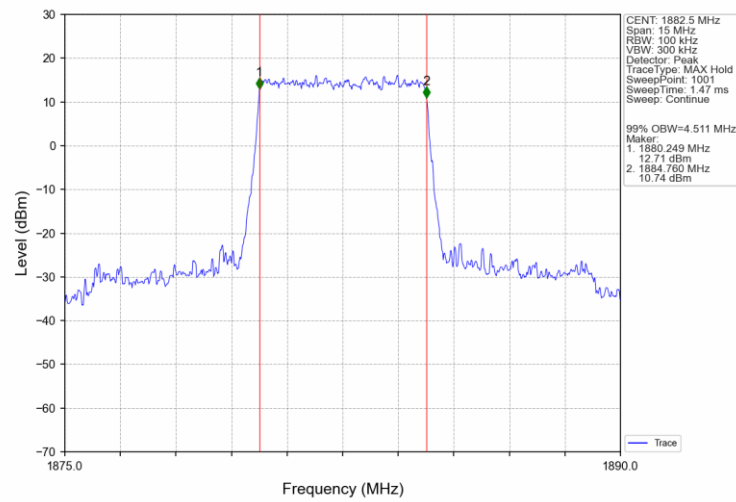
Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTN



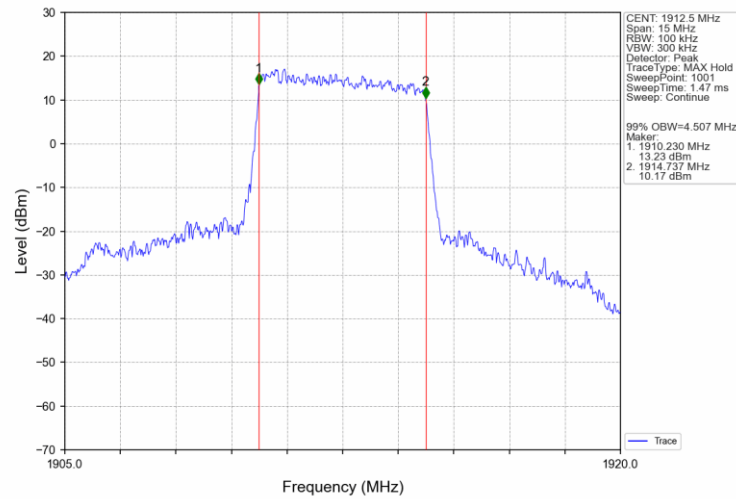
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



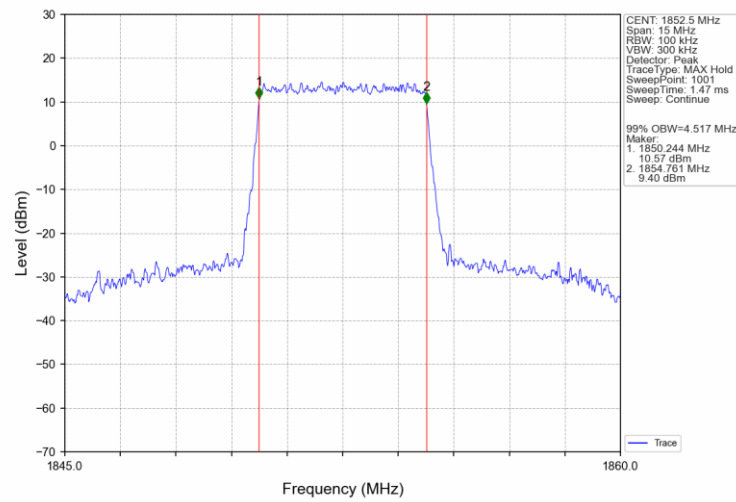
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



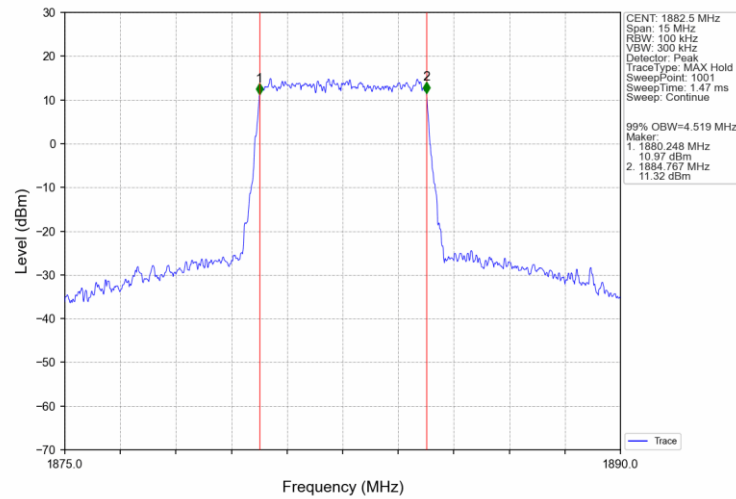
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



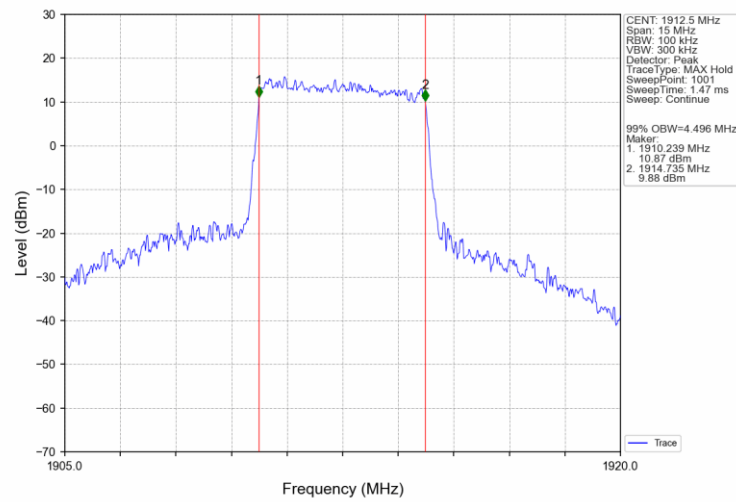
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



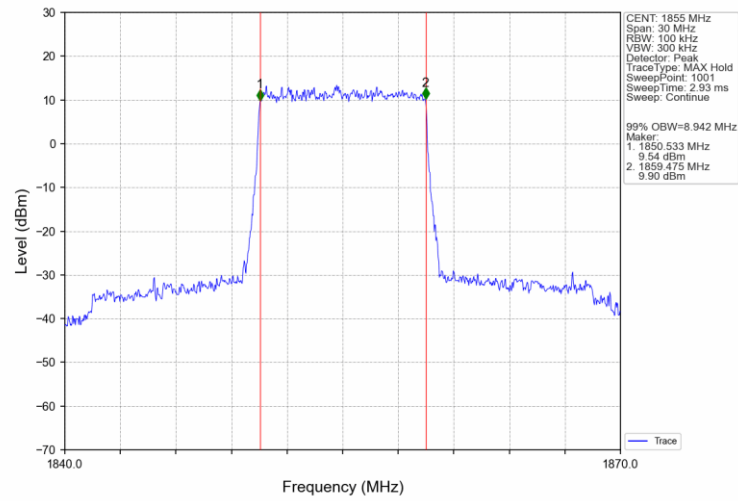
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTN



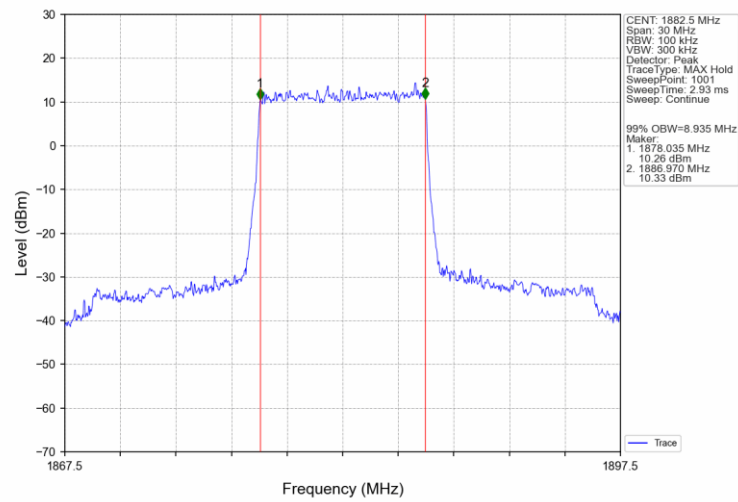
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTN



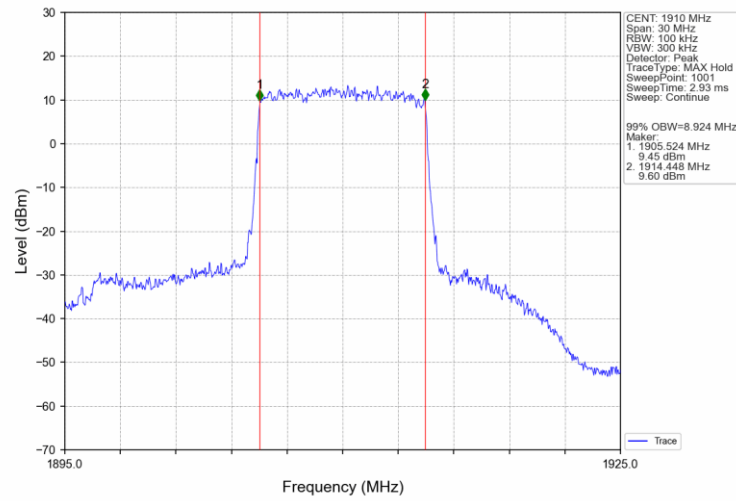
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



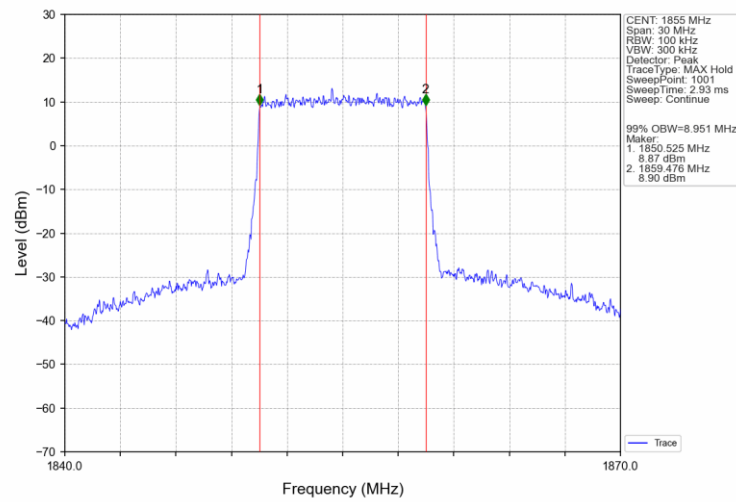
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



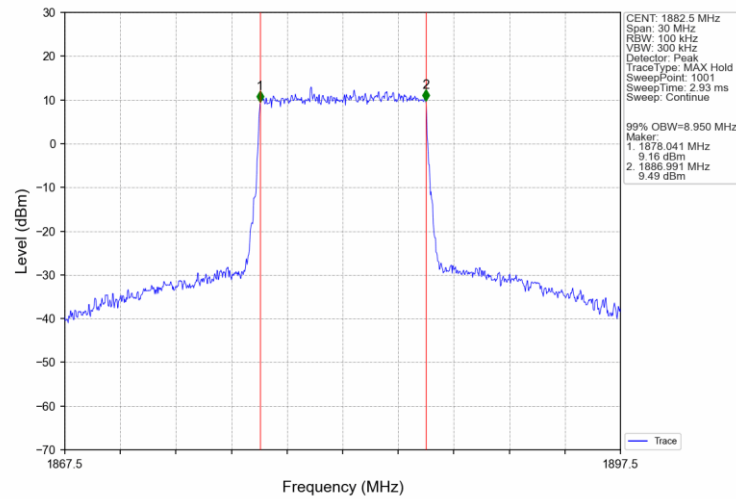
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



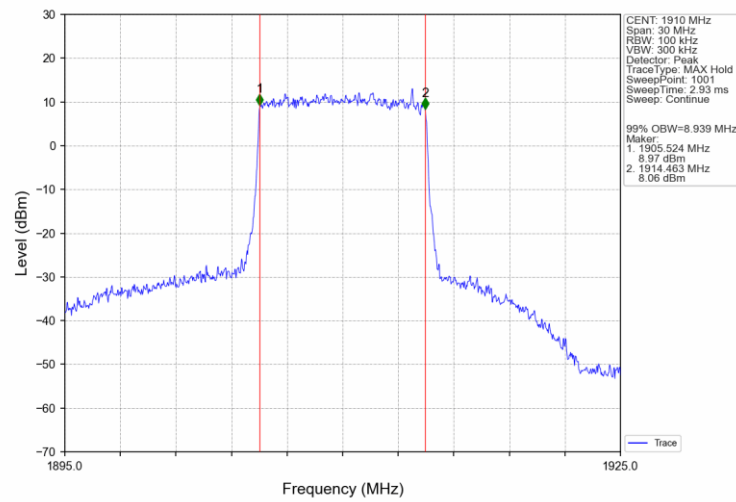
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



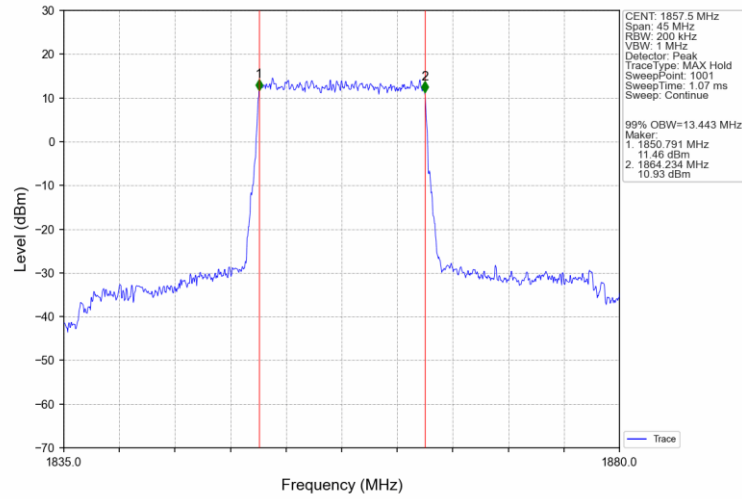
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTN



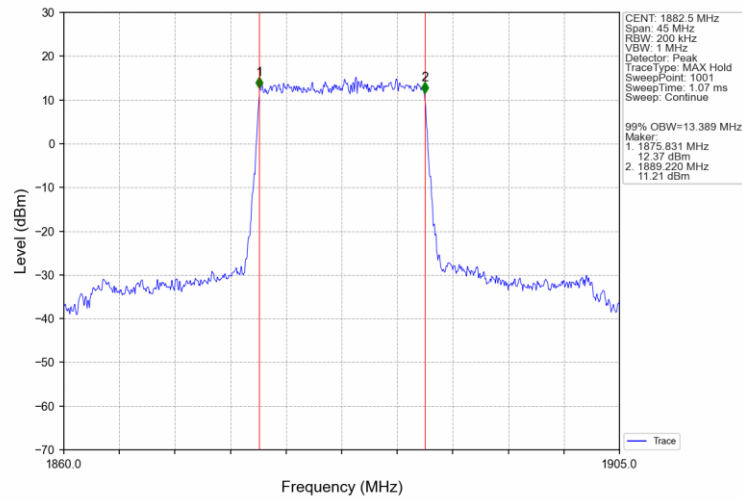
Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTN



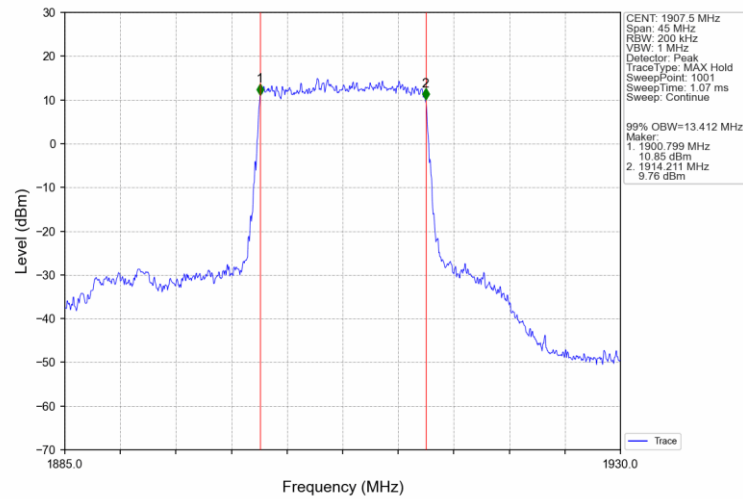
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



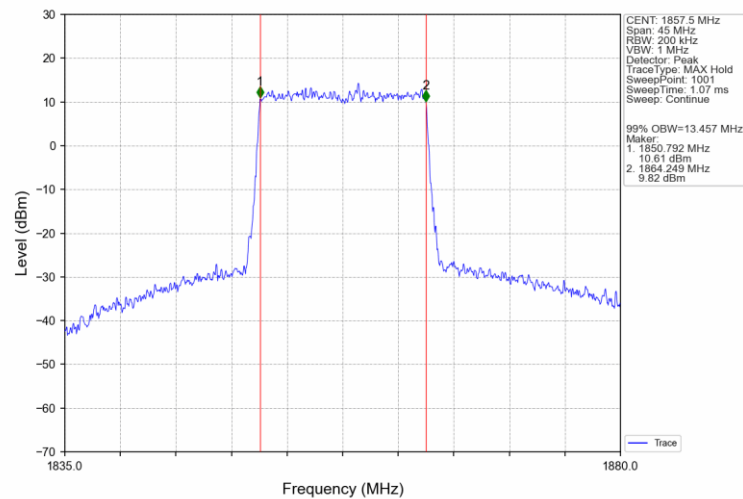
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTNV



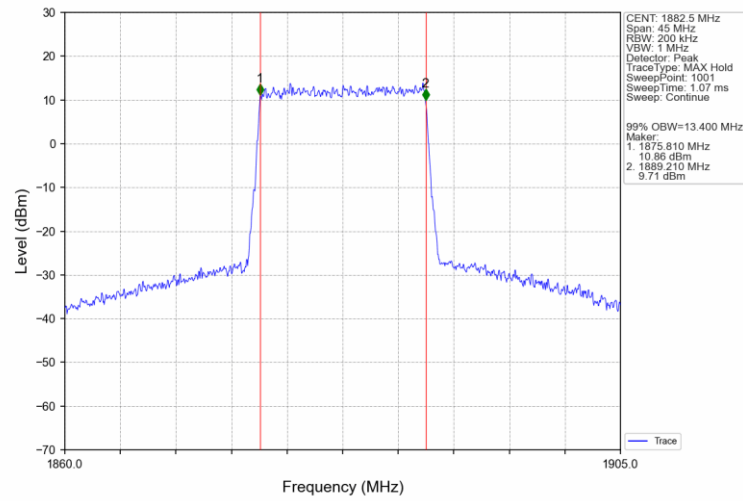
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTN



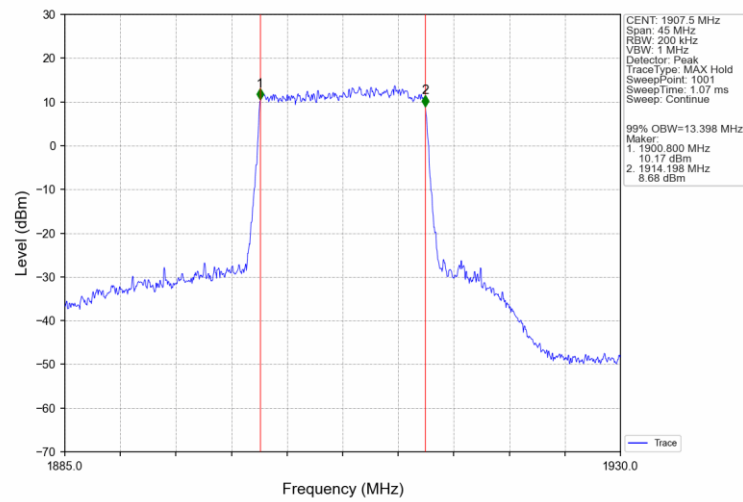
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTN



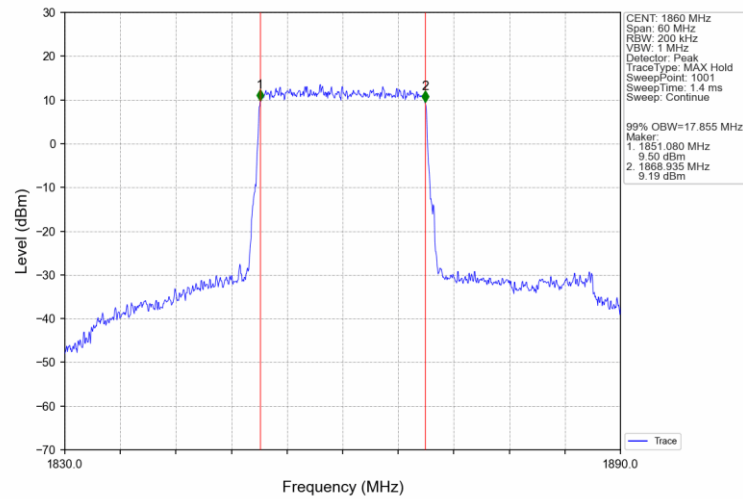
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



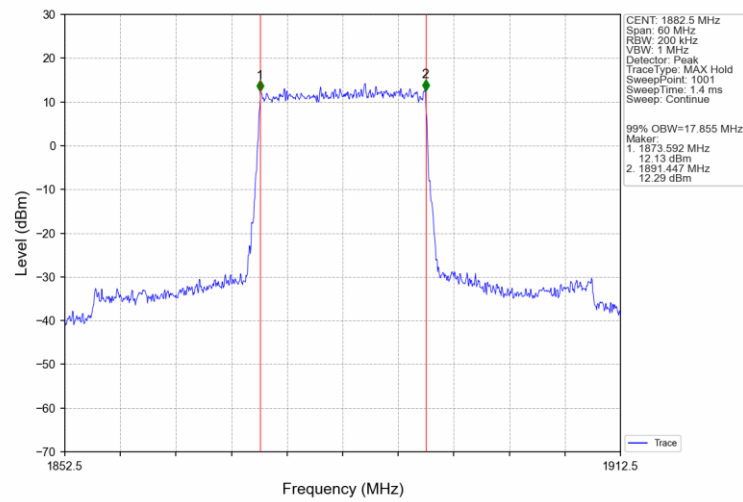
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



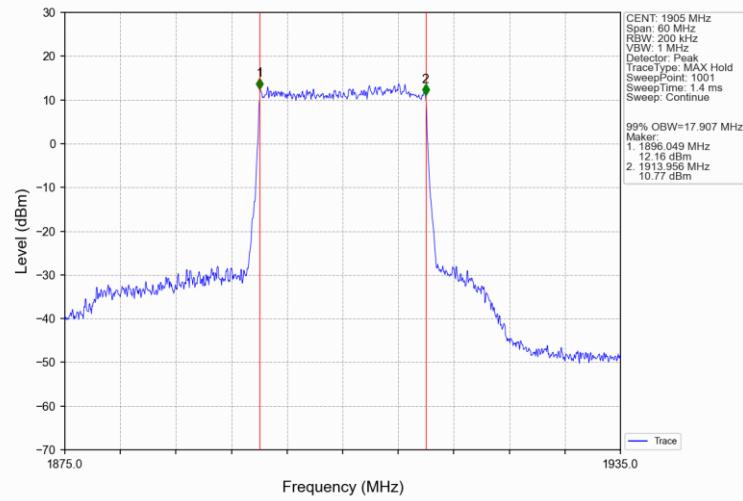
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTN



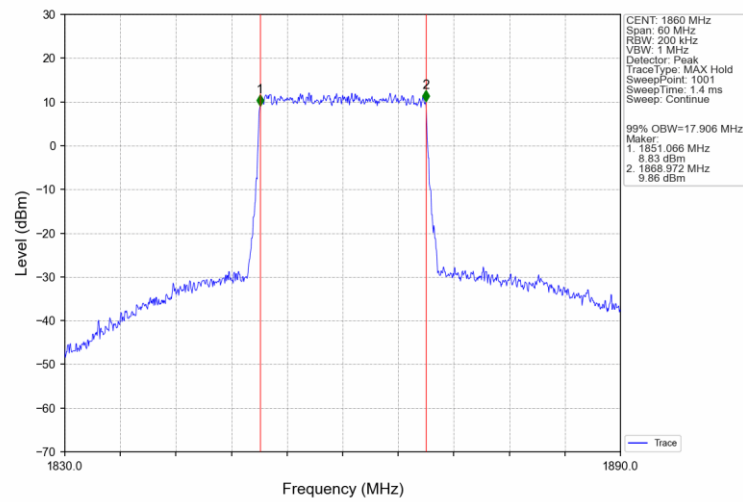
Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTN



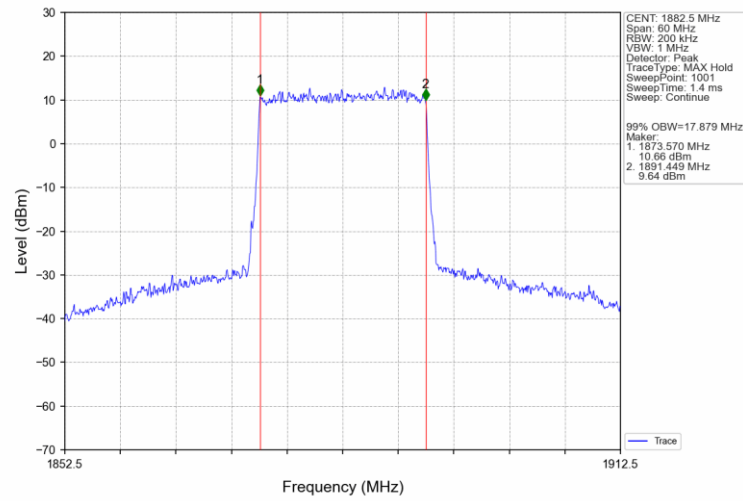
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



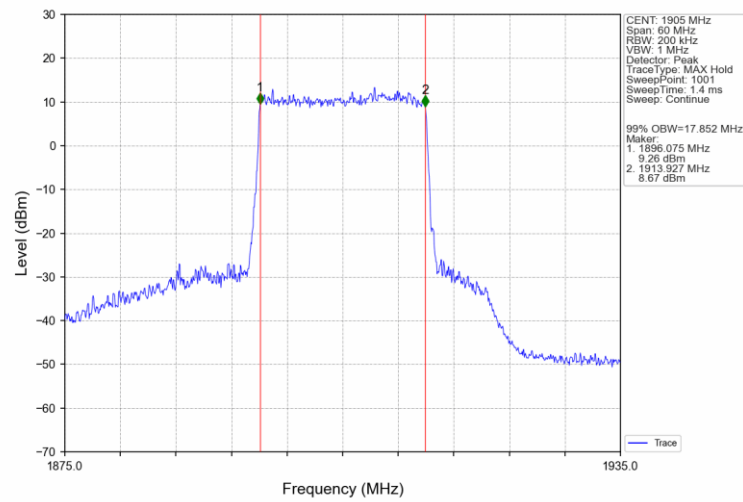
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



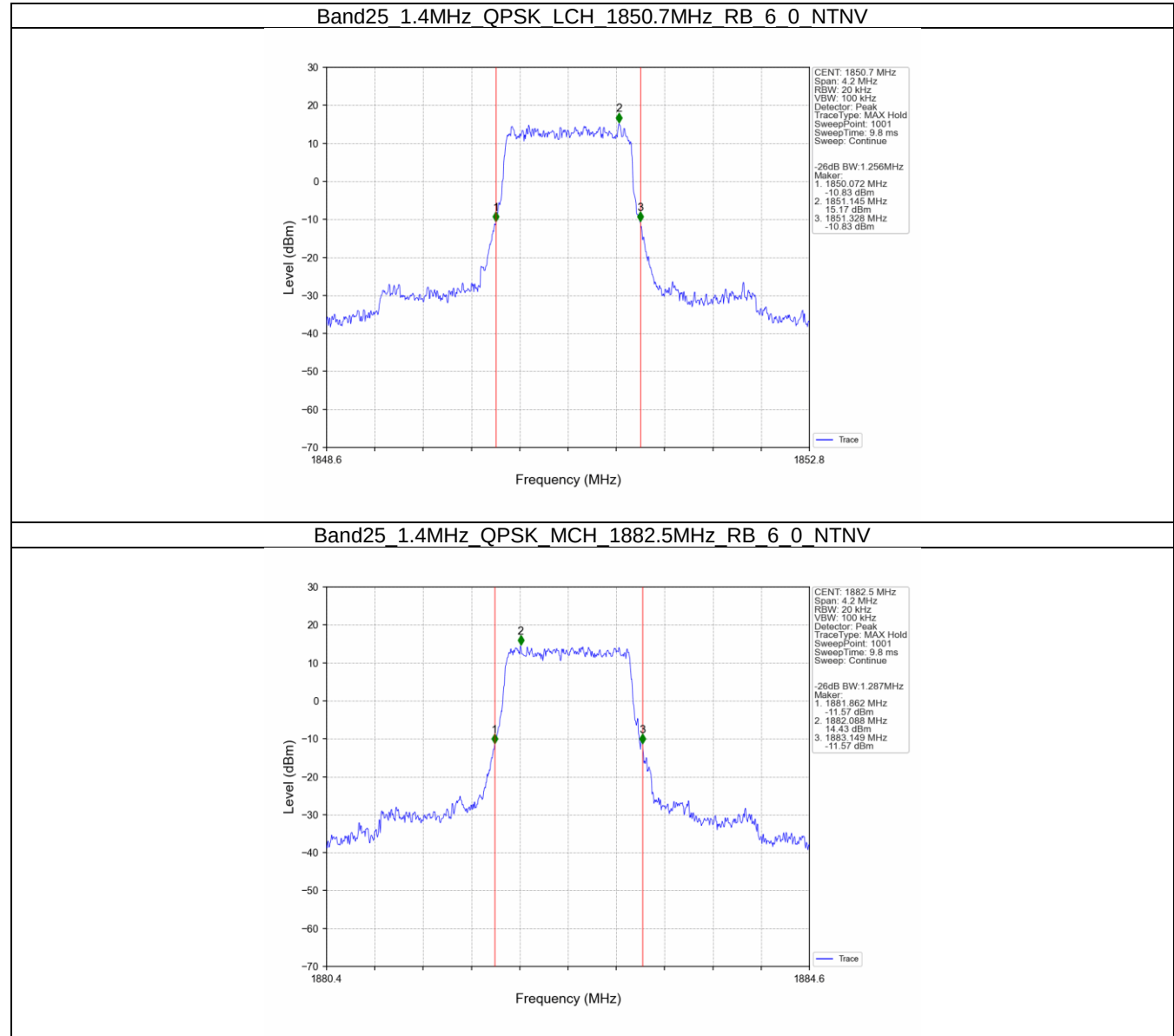
Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTN



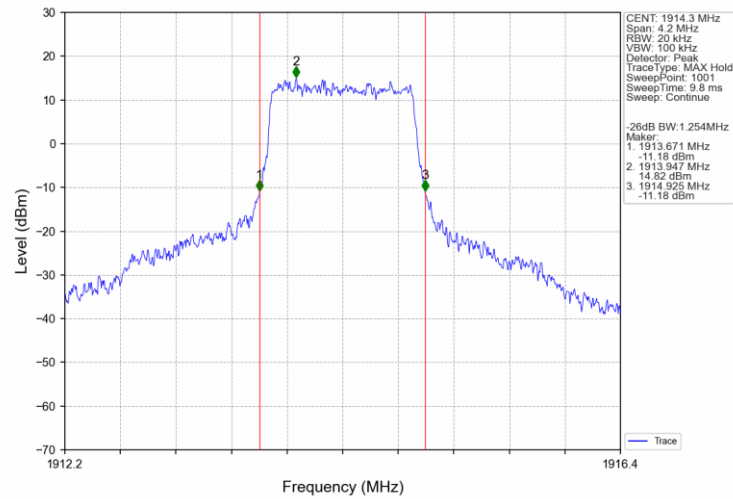
Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTN



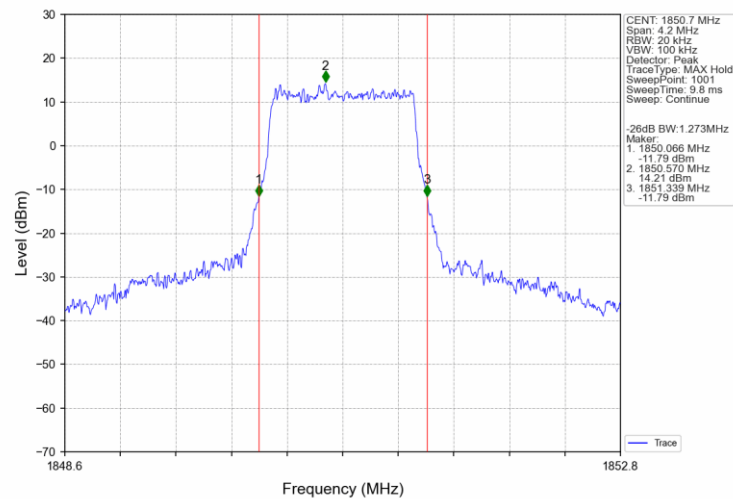
4.2.2 Band25_XDB



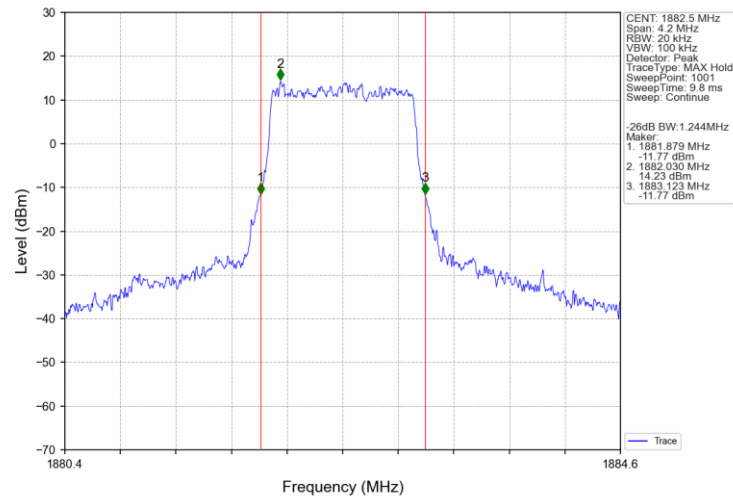
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



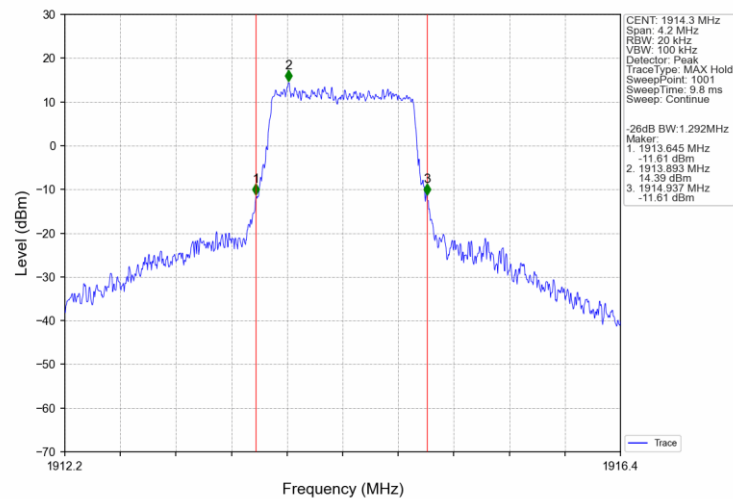
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



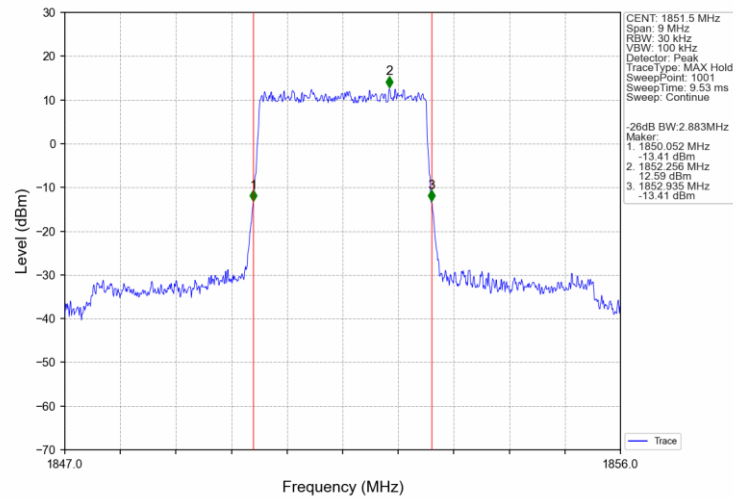
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



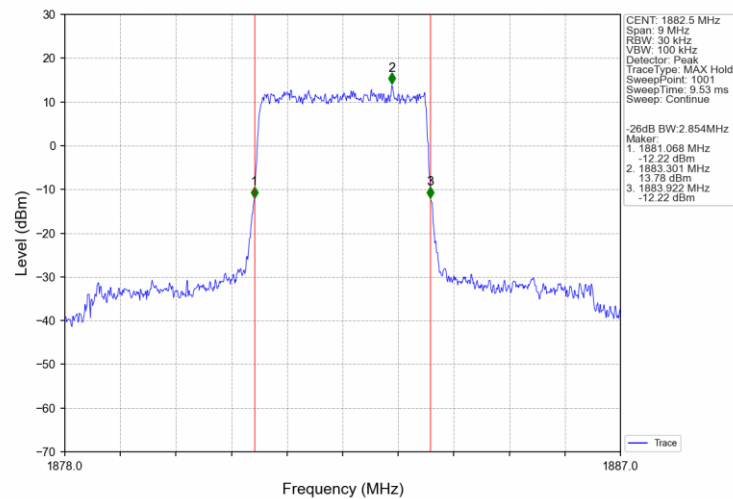
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



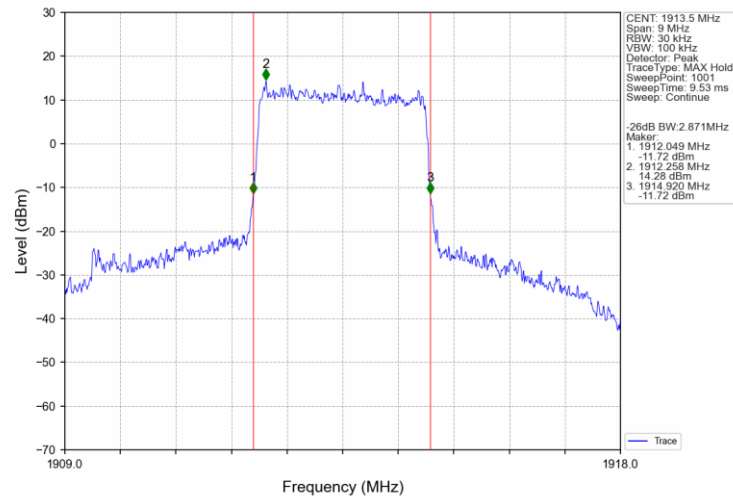
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



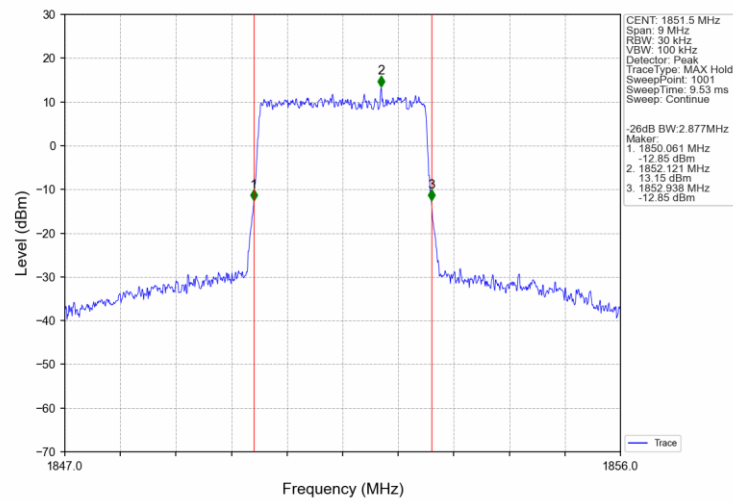
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



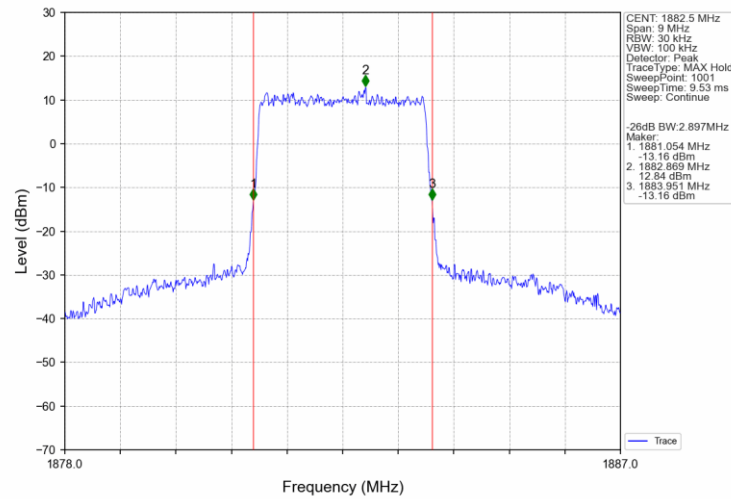
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



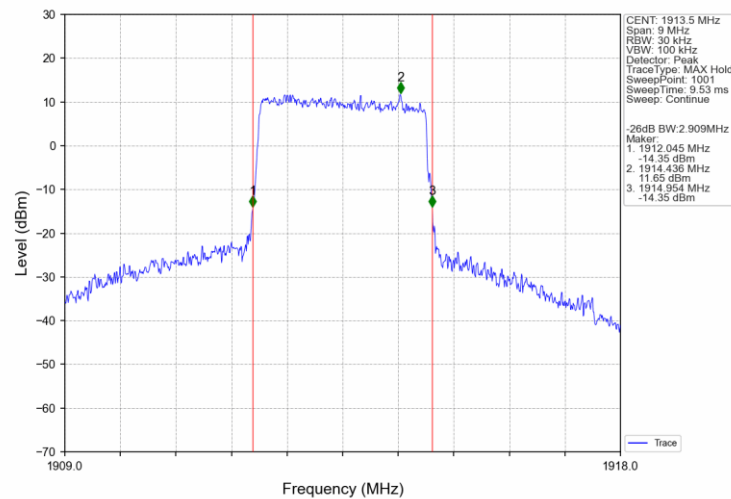
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



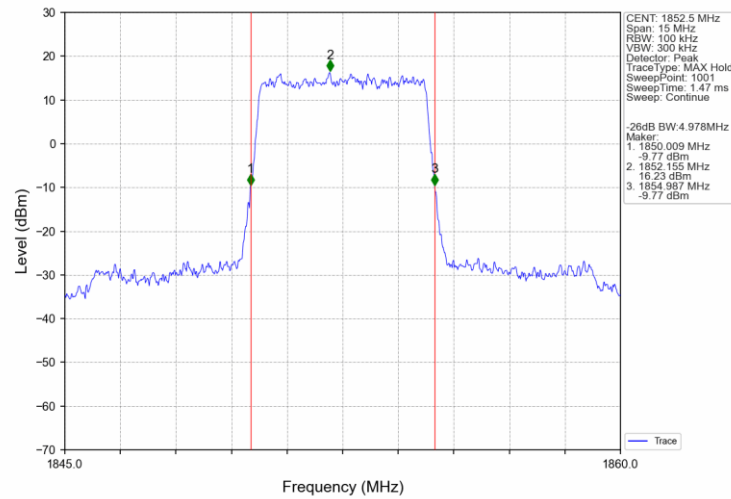
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTNV



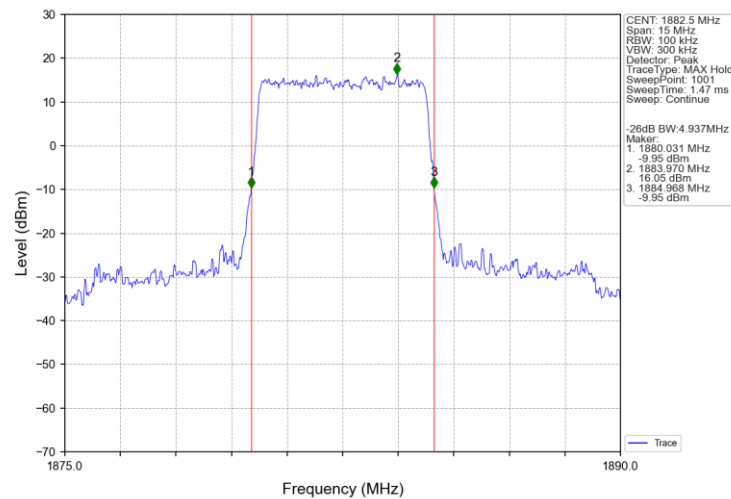
Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTNV



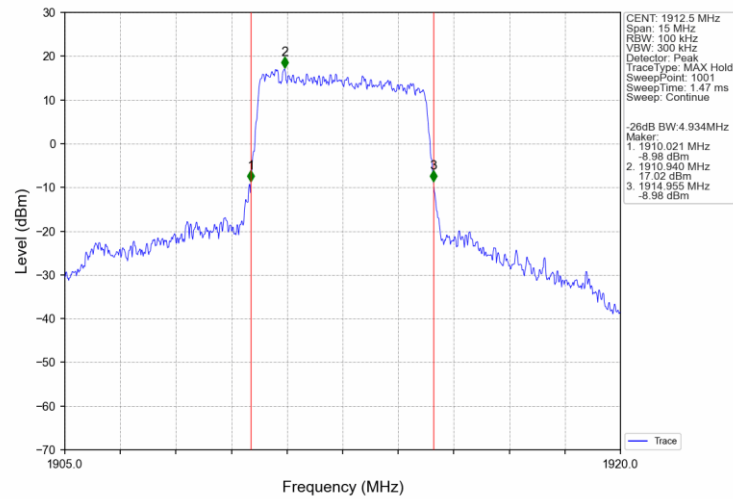
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



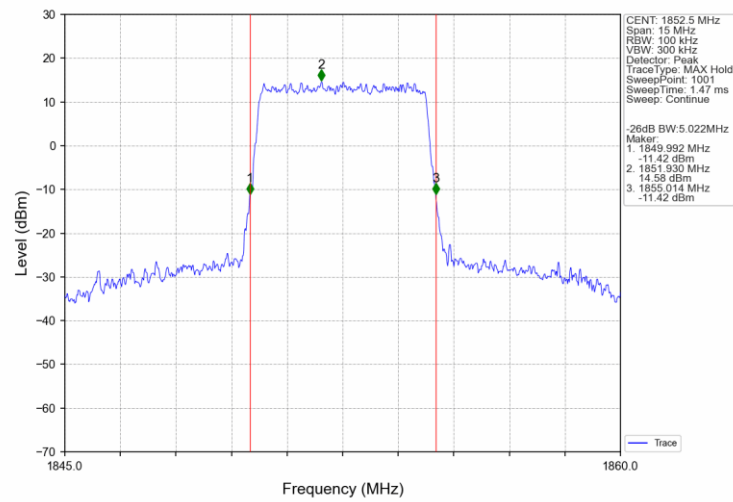
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



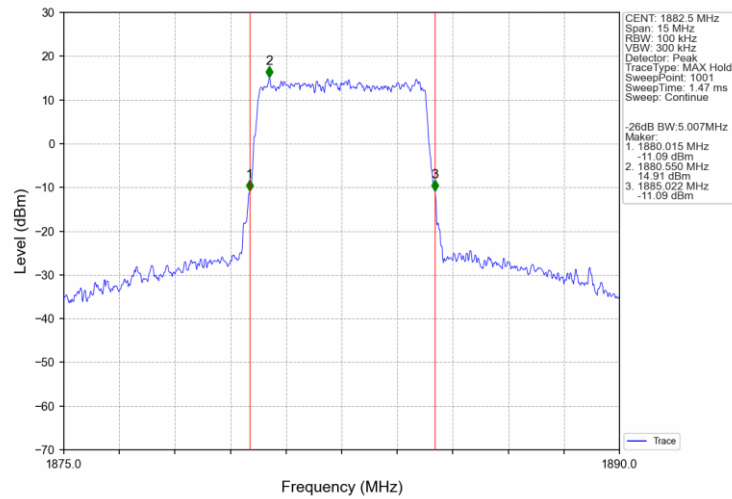
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



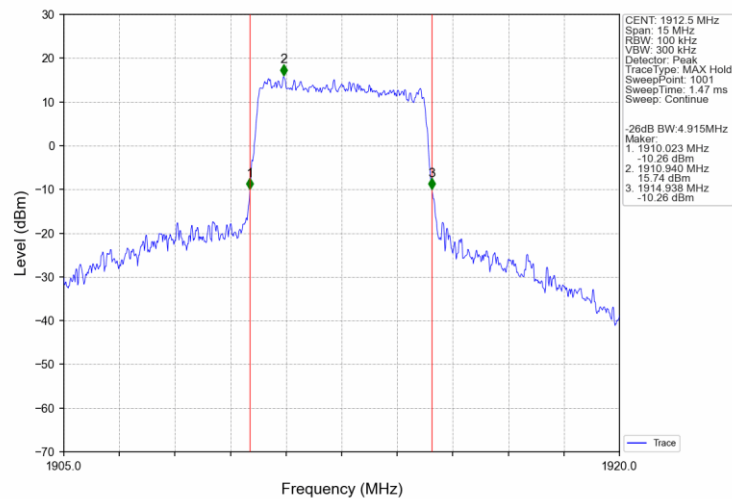
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



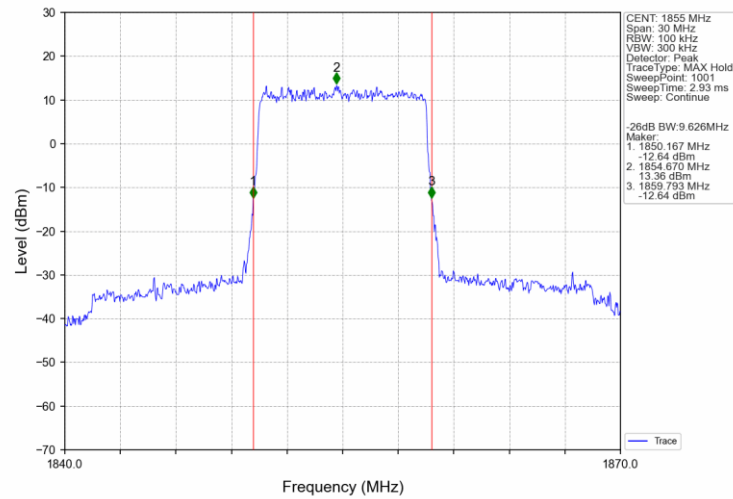
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTN



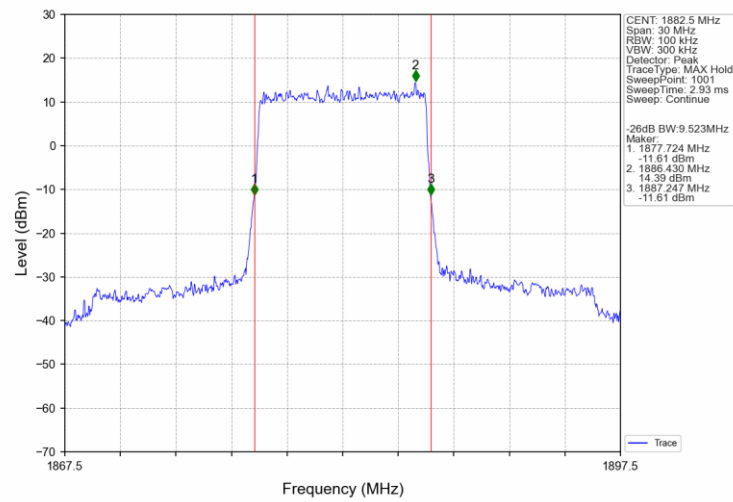
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTN



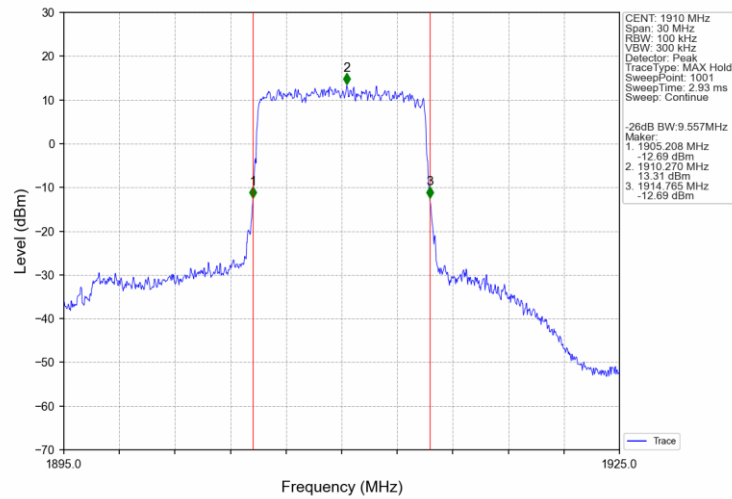
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



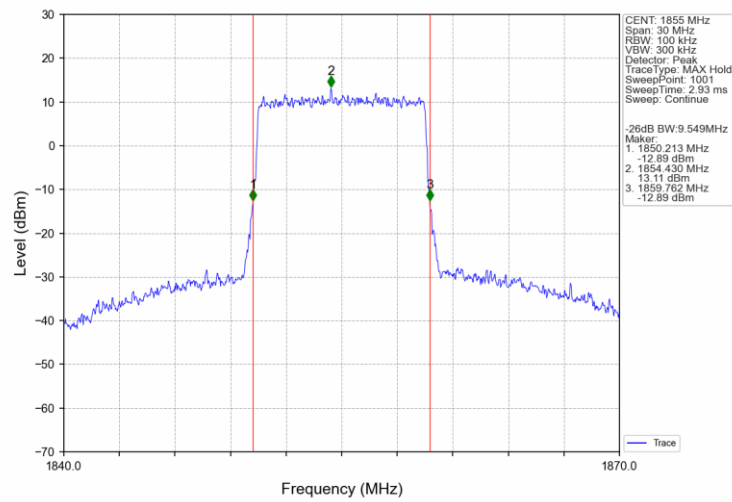
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



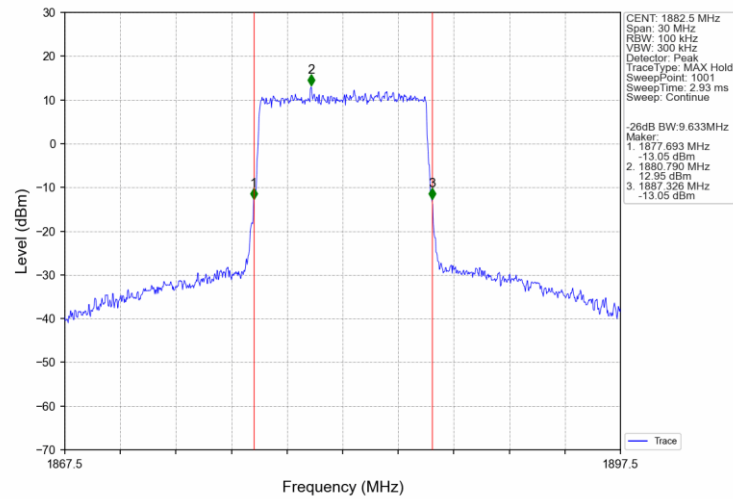
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



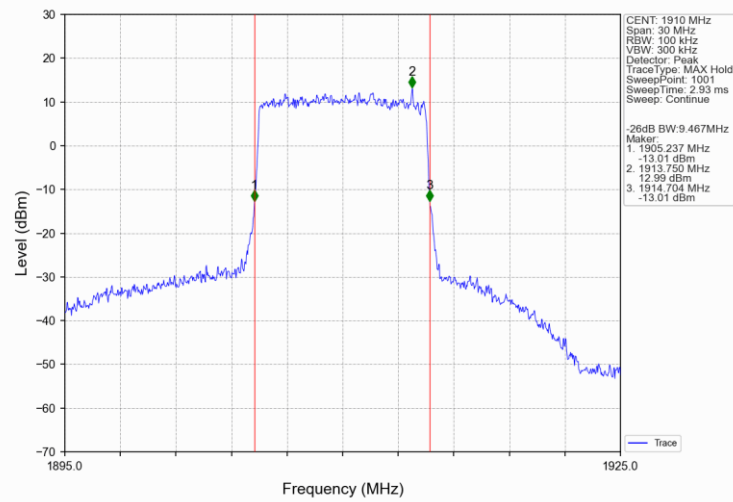
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



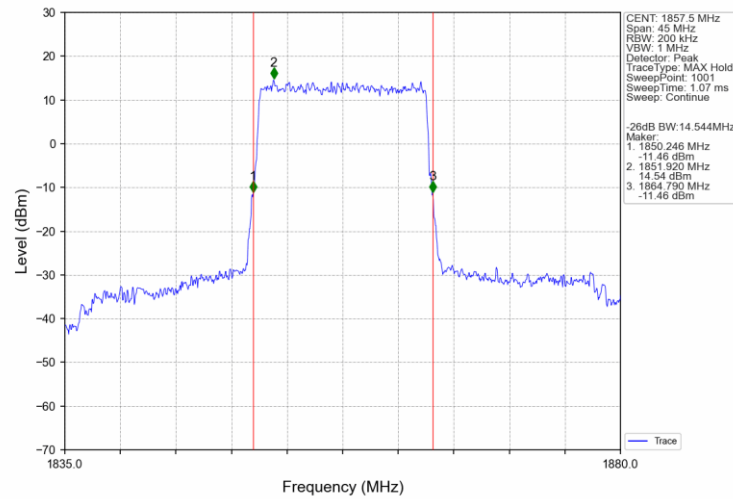
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



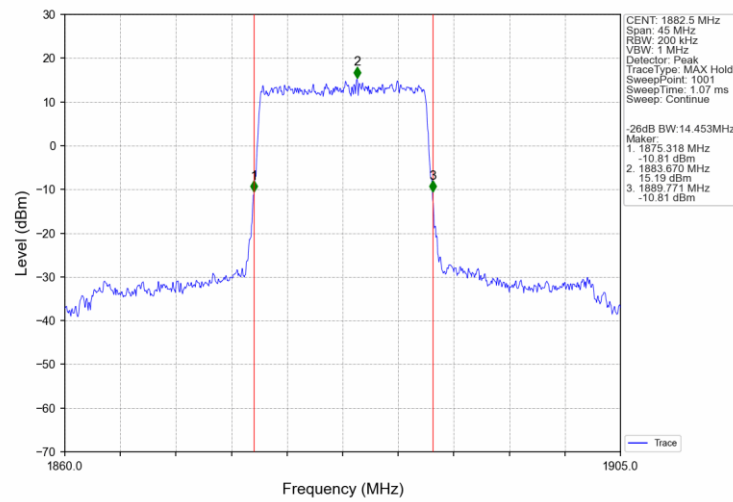
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



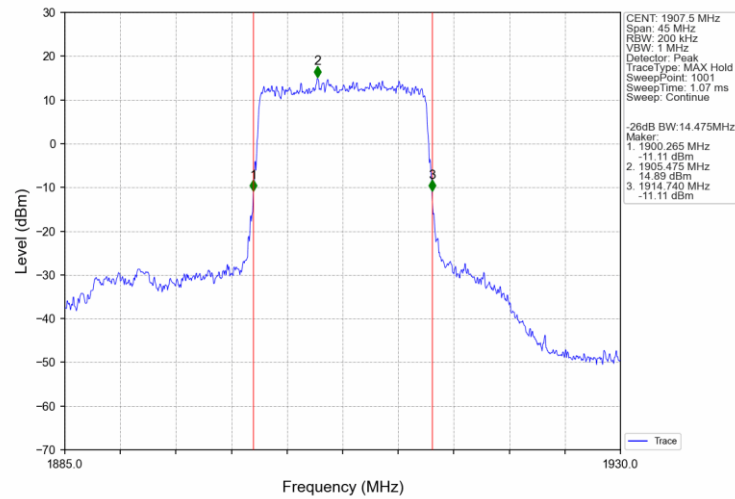
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



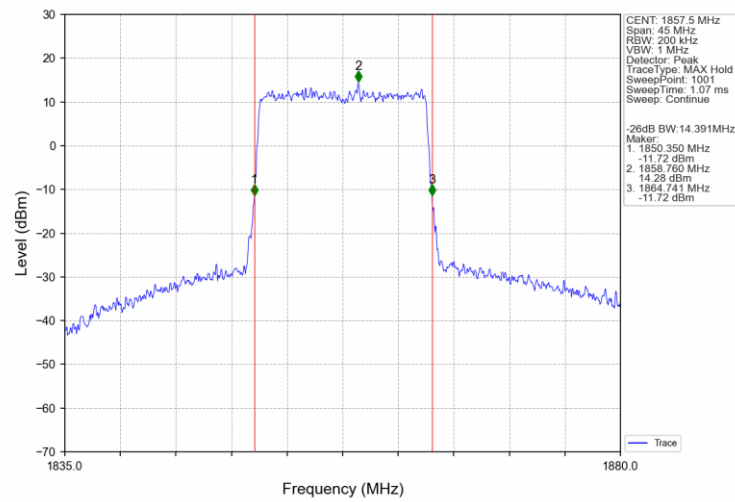
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTNV



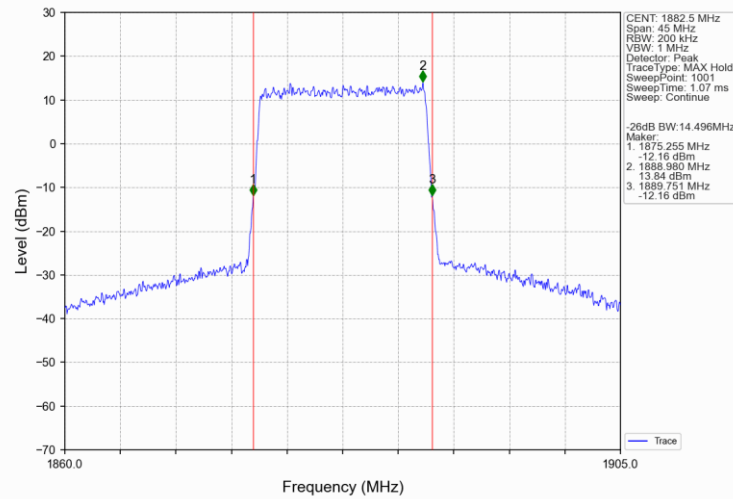
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTN



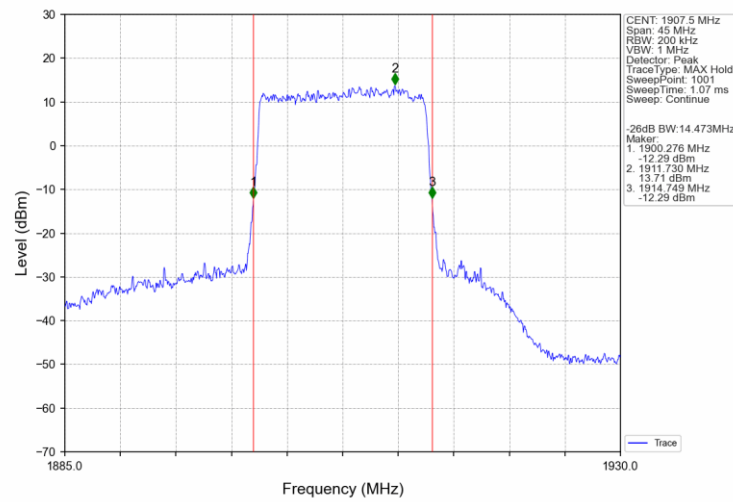
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTN



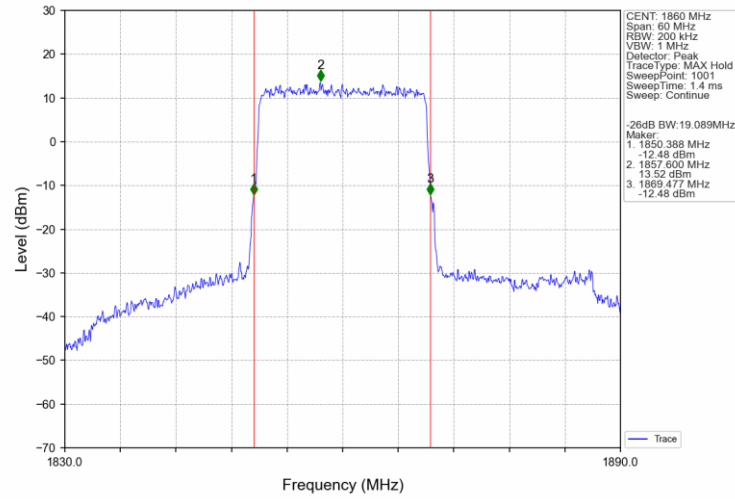
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



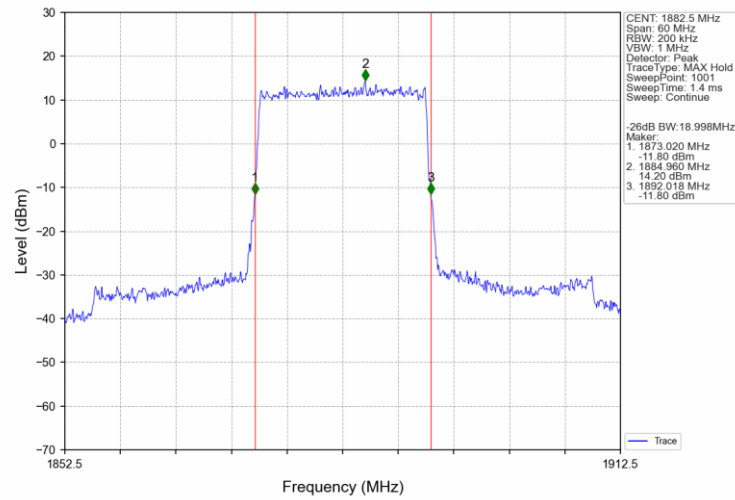
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



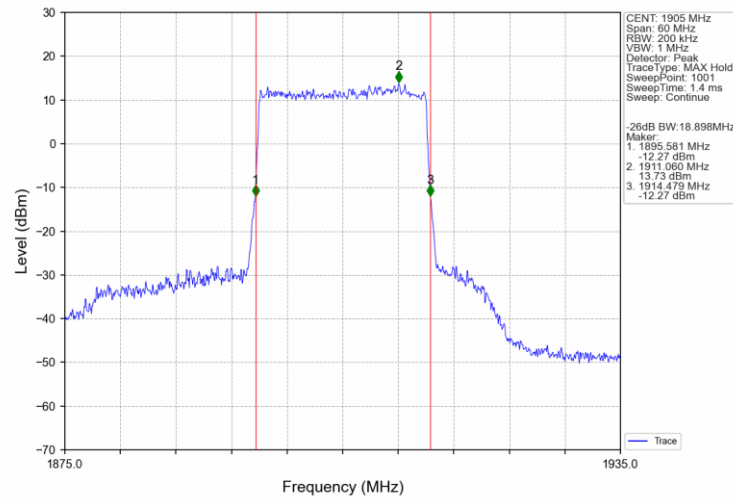
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTN



Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTN



Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN

