Appendix RF test data for LTE_band_2

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B2_1.4MHz_EIRP

Band: 2 / 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	24.11	-2.00	22.11	<=33.01	Pass
			2	24.28	-2.00	22.28	<=33.01	Pass
			5	24.10	-2.00	22.10	<=33.01	Pass
		3	0	24.23	-2.00	22.23	<=33.01	Pass
			2	24.23	-2.00	22.23	<=33.01	Pass
			3	24.21	-2.00	22.21	<=33.01	Pass
		6	0	23.20	-2.00	21.20	<=33.01	Pass
	1880	1	0	23.52	-2.00	21.52	<=33.01	Pass
			2	23.88	-2.00	21.88	<=33.01	Pass
			5	23.66	-2.00	21.66	<=33.01	Pass
		3	0	23.80	-2.00	21.80	<=33.01	Pass
			2	23.74	-2.00	21.74	<=33.01	Pass
			3	23.69	-2.00	21.69	<=33.01	Pass
		6	0	22.87	-2.00	20.87	<=33.01	Pass
	1909.3	1	0	23.57	-2.00	21.57	<=33.01	Pass
			2	23.72	-2.00	21.72	<=33.01	Pass
			5	23.59	-2.00	21.59	<=33.01	Pass
		3	0	23.66	-2.00	21.66	<=33.01	Pass
			2	23.68	-2.00	21.68	<=33.01	Pass
			3	23.68	-2.00	21.68	<=33.01	Pass
		6	0	22.57	-2.00	20.57	<=33.01	Pass
16QAM	1850.7	1	0	23.26	-2.00	21.26	<=33.01	Pass
			2	23.48	-2.00	21.48	<=33.01	Pass
			5	23.27	-2.00	21.27	<=33.01	Pass
		3	0	23.12	-2.00	21.12	<=33.01	Pass
			2	22.88	-2.00	20.88	<=33.01	Pass
			3	22.77	-2.00	20.77	<=33.01	Pass
		6	0	22.06	-2.00	20.06	<=33.01	Pass
	1880	1	0	22.72	-2.00	20.72	<=33.01	Pass
			2	22.90	-2.00	20.90	<=33.01	Pass
			5	22.70	-2.00	20.70	<=33.01	Pass
		3	0	22.61	-2.00	20.61	<=33.01	Pass
			2	22.67	-2.00	20.67	<=33.01	Pass
			3	22.62	-2.00	20.62	<=33.01	Pass
		6	0	21.70	-2.00	19.70	<=33.01	Pass
	1909.3	1	0	22.47	-2.00	20.47	<=33.01	Pass
			2	22.64	-2.00	20.64	<=33.01	Pass
			5	22.43	-2.00	20.43	<=33.01	Pass
		3	0	22.50	-2.00	20.50	<=33.01	Pass
			2	22.49	-2.00	20.49	<=33.01	Pass
			3	22.46	-2.00	20.46	<=33.01	Pass
		6	0	21.60	-2.00	19.60	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B2_3MHz_EIRP

Band: 2 / 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	24.17	-2.00	22.17	<=33.01	Pass
			7	24.24	-2.00	22.24	<=33.01	Pass
			14	24.09	-2.00	22.09	<=33.01	Pass
		8	0	23.16	-2.00	21.16	<=33.01	Pass
			4	23.23	-2.00	21.23	<=33.01	Pass
			7	23.23	-2.00	21.23	<=33.01	Pass
		15	0	23.18	-2.00	21.18	<=33.01	Pass
	1880	1	0	23.62	-2.00	21.62	<=33.01	Pass
			7	23.75	-2.00	21.75	<=33.01	Pass
			14	23.56	-2.00	21.56	<=33.01	Pass
		8	0	22.55	-2.00	20.55	<=33.01	Pass
			4	22.57	-2.00	20.57	<=33.01	Pass
			7	22.52	-2.00	20.52	<=33.01	Pass
		15	0	22.47	-2.00	20.47	<=33.01	Pass
	1908.5	1	0	23.56	-2.00	21.56	<=33.01	Pass
			7	23.82	-2.00	21.82	<=33.01	Pass
			14	23.60	-2.00	21.60	<=33.01	Pass
		8	0	22.63	-2.00	20.63	<=33.01	Pass
			4	22.66	-2.00	20.66	<=33.01	Pass
			7	22.61	-2.00	20.61	<=33.01	Pass
		15	0	22.60	-2.00	20.60	<=33.01	Pass
16QAM	1851.5	1	0	22.87	-2.00	20.87	<=33.01	Pass
			7	23.06	-2.00	21.06	<=33.01	Pass
			14	22.81	-2.00	20.81	<=33.01	Pass
		8	0	21.74	-2.00	19.74	<=33.01	Pass
			4	21.77	-2.00	19.77	<=33.01	Pass
			7	21.80	-2.00	19.80	<=33.01	Pass
		15	0	21.67	-2.00	19.67	<=33.01	Pass
	1880	1	0	22.48	-2.00	20.48	<=33.01	Pass
			7	22.62	-2.00	20.62	<=33.01	Pass
			14	22.48	-2.00	20.48	<=33.01	Pass
		8	0	21.54	-2.00	19.54	<=33.01	Pass
			4	21.59	-2.00	19.59	<=33.01	Pass
			7	21.57	-2.00	19.57	<=33.01	Pass
		15	0	21.51	-2.00	19.51	<=33.01	Pass
	1908.5	1	0	22.85	-2.00	20.85	<=33.01	Pass
			7	23.00	-2.00	21.00	<=33.01	Pass
			14	22.81	-2.00	20.81	<=33.01	Pass
		8	0	21.72	-2.00	19.72	<=33.01	Pass
			4	21.72	-2.00	19.72	<=33.01	Pass
			7	21.70	-2.00	19.70	<=33.01	Pass
		15	0	21.66	-2.00	19.66	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B2_5MHz_EIRP

Band: 2 / 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	23.72	-2.00	21.72	<=33.01	Pass
			13	23.77	-2.00	21.77	<=33.01	Pass
			24	23.67	-2.00	21.67	<=33.01	Pass
		12	0	22.72	-2.00	20.72	<=33.01	Pass
			6	22.77	-2.00	20.77	<=33.01	Pass
			13	22.74	-2.00	20.74	<=33.01	Pass
		25	0	22.75	-2.00	20.75	<=33.01	Pass
	1880	1	0	23.51	-2.00	21.51	<=33.01	Pass
			13	23.62	-2.00	21.62	<=33.01	Pass

			24	23.53	-2.00	21.53	<=33.01	Pass
		12	0	22.52	-2.00	20.52	<=33.01	Pass
			6	22.56	-2.00	20.56	<=33.01	Pass
			13	22.52	-2.00	20.52	<=33.01	Pass
		25	0	22.55	-2.00	20.55	<=33.01	Pass
	1907.5	1	0	23.56	-2.00	21.56	<=33.01	Pass
			13	23.70	-2.00	21.70	<=33.01	Pass
			24	23.62	-2.00	21.62	<=33.01	Pass
		12	0	22.65	-2.00	20.65	<=33.01	Pass
			6	22.71	-2.00	20.71	<=33.01	Pass
			13	22.63	-2.00	20.63	<=33.01	Pass
		25	0	22.67	-2.00	20.67	<=33.01	Pass
16QAM	1852.5	1	0	22.82	-2.00	20.82	<=33.01	Pass
			13	22.89	-2.00	20.89	<=33.01	Pass
			24	22.82	-2.00	20.82	<=33.01	Pass
		12	0	21.74	-2.00	19.74	<=33.01	Pass
			6	21.82	-2.00	19.82	<=33.01	Pass
			13	21.79	-2.00	19.79	<=33.01	Pass
		25	0	21.74	-2.00	19.74	<=33.01	Pass
	1880	1	0	22.64	-2.00	20.64	<=33.01	Pass
			13	22.71	-2.00	20.71	<=33.01	Pass
			24	22.63	-2.00	20.63	<=33.01	Pass
		12	0	21.56	-2.00	19.56	<=33.01	Pass
			6	21.60	-2.00	19.60	<=33.01	Pass
			13	21.60	-2.00	19.60	<=33.01	Pass
		25	0	21.67	-2.00	19.67	<=33.01	Pass
	1907.5	1	0	22.66	-2.00	20.66	<=33.01	Pass
			13	22.72	-2.00	20.72	<=33.01	Pass
			24	22.70	-2.00	20.70	<=33.01	Pass
		12	0	21.68	-2.00	19.68	<=33.01	Pass
			6	21.71	-2.00	19.71	<=33.01	Pass
			13	21.63	-2.00	19.63	<=33.01	Pass
		25	0	21.70	-2.00	19.70	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.15	-2.00	22.15	<=33.01	Pass
			25	24.25	-2.00	22.25	<=33.01	Pass
			49	24.09	-2.00	22.09	<=33.01	Pass
		25	0	23.21	-2.00	21.21	<=33.01	Pass
			13	23.27	-2.00	21.27	<=33.01	Pass
			25	23.31	-2.00	21.31	<=33.01	Pass
		50	0	23.24	-2.00	21.24	<=33.01	Pass
	1880	1	0	23.94	-2.00	21.94	<=33.01	Pass
			25	24.06	-2.00	22.06	<=33.01	Pass
			49	23.91	-2.00	21.91	<=33.01	Pass
		25	0	23.11	-2.00	21.11	<=33.01	Pass
			13	23.10	-2.00	21.10	<=33.01	Pass
			25	23.12	-2.00	21.12	<=33.01	Pass
		50	0	23.11	-2.00	21.11	<=33.01	Pass
	1905	1	0	24.02	-2.00	22.02	<=33.01	Pass
			25	24.20	-2.00	22.20	<=33.01	Pass
			49	23.87	-2.00	21.87	<=33.01	Pass
		25	0	22.77	-2.00	20.77	<=33.01	Pass

			13	22.74	-2.00	20.74	<=33.01	Pass
			25	22.74	-2.00	20.74	<=33.01	Pass
		50	0	22.71	-2.00	20.71	<=33.01	Pass
16QAM	1855	1	0	23.39	-2.00	21.39	<=33.01	Pass
			25	23.48	-2.00	21.48	<=33.01	Pass
			49	23.32	-2.00	21.32	<=33.01	Pass
		25	0	22.24	-2.00	20.24	<=33.01	Pass
			13	22.29	-2.00	20.29	<=33.01	Pass
			25	22.31	-2.00	20.31	<=33.01	Pass
		50	0	22.27	-2.00	20.27	<=33.01	Pass
	1880	1	0	23.20	-2.00	21.20	<=33.01	Pass
			25	23.30	-2.00	21.30	<=33.01	Pass
			49	23.18	-2.00	21.18	<=33.01	Pass
		25	0	22.17	-2.00	20.17	<=33.01	Pass
			13	22.15	-2.00	20.15	<=33.01	Pass
			25	22.17	-2.00	20.17	<=33.01	Pass
		50	0	22.14	-2.00	20.14	<=33.01	Pass
	1905	1	0	22.47	-2.00	20.47	<=33.01	Pass
			25	22.68	-2.00	20.68	<=33.01	Pass
			49	22.58	-2.00	20.58	<=33.01	Pass
		25	0	21.80	-2.00	19.80	<=33.01	Pass
			13	21.76	-2.00	19.76	<=33.01	Pass
			25	21.75	-2.00	19.75	<=33.01	Pass
		50	0	21.75	-2.00	19.75	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B2_15MHz_EIRP

Band: 2 / 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	24.04	-2.00	22.04	<=33.01	Pass
			38	24.13	-2.00	22.13	<=33.01	Pass
			74	23.86	-2.00	21.86	<=33.01	Pass
		36	0	23.29	-2.00	21.29	<=33.01	Pass
			18	23.34	-2.00	21.34	<=33.01	Pass
			39	23.30	-2.00	21.30	<=33.01	Pass
		75	0	23.31	-2.00	21.31	<=33.01	Pass
	1880	1	0	23.53	-2.00	21.53	<=33.01	Pass
			38	23.52	-2.00	21.52	<=33.01	Pass
			74	23.37	-2.00	21.37	<=33.01	Pass
		36	0	23.00	-2.00	21.00	<=33.01	Pass
			18	23.00	-2.00	21.00	<=33.01	Pass
			39	23.00	-2.00	21.00	<=33.01	Pass
		75	0	23.06	-2.00	21.06	<=33.01	Pass
	1902.5	1	0	23.48	-2.00	21.48	<=33.01	Pass
			38	23.66	-2.00	21.66	<=33.01	Pass
			74	23.61	-2.00	21.61	<=33.01	Pass
		36	0	22.65	-2.00	20.65	<=33.01	Pass
			18	22.66	-2.00	20.66	<=33.01	Pass
			39	22.65	-2.00	20.65	<=33.01	Pass
		75	0	22.69	-2.00	20.69	<=33.01	Pass
16QAM	1857.5	1	0	22.84	-2.00	20.84	<=33.01	Pass
			38	22.84	-2.00	20.84	<=33.01	Pass
			74	22.72	-2.00	20.72	<=33.01	Pass
		36	0	22.15	-2.00	20.15	<=33.01	Pass
			18	22.26	-2.00	20.26	<=33.01	Pass
			39	22.23	-2.00	20.23	<=33.01	Pass

		75	0	22.17	-2.00	20.17	<=33.01	Pass
	1880	1	0	22.73	-2.00	20.73	<=33.01	Pass
			38	22.77	-2.00	20.77	<=33.01	Pass
			74	22.66	-2.00	20.66	<=33.01	Pass
		36	0	21.81	-2.00	19.81	<=33.01	Pass
			18	22.04	-2.00	20.04	<=33.01	Pass
			39	22.11	-2.00	20.11	<=33.01	Pass
		75	0	22.01	-2.00	20.01	<=33.01	Pass
	1902.5	1	0	22.36	-2.00	20.36	<=33.01	Pass
			38	22.52	-2.00	20.52	<=33.01	Pass
			74	22.49	-2.00	20.49	<=33.01	Pass
		36	0	21.60	-2.00	19.60	<=33.01	Pass
			18	21.62	-2.00	19.62	<=33.01	Pass
			39	21.59	-2.00	19.59	<=33.01	Pass
		75	0	21.67	-2.00	19.67	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.96	-2.00	21.96	<=33.01	Pass
			50	23.93	-2.00	21.93	<=33.01	Pass
			99	23.41	-2.00	21.41	<=33.01	Pass
		50	0	22.92	-2.00	20.92	<=33.01	Pass
			25	23.14	-2.00	21.14	<=33.01	Pass
			50	23.02	-2.00	21.02	<=33.01	Pass
		100	0	22.97	-2.00	20.97	<=33.01	Pass
	1880	1	0	23.37	-2.00	21.37	<=33.01	Pass
			50	23.67	-2.00	21.67	<=33.01	Pass
			99	23.28	-2.00	21.28	<=33.01	Pass
		50	0	22.71	-2.00	20.71	<=33.01	Pass
			25	22.60	-2.00	20.60	<=33.01	Pass
			50	22.60	-2.00	20.60	<=33.01	Pass
		100	0	22.60	-2.00	20.60	<=33.01	Pass
	1900	1	0	23.18	-2.00	21.18	<=33.01	Pass
			50	23.58	-2.00	21.58	<=33.01	Pass
			99	23.35	-2.00	21.35	<=33.01	Pass
		50	0	22.67	-2.00	20.67	<=33.01	Pass
			25	22.65	-2.00	20.65	<=33.01	Pass
			50	22.56	-2.00	20.56	<=33.01	Pass
		100	0	22.58	-2.00	20.58	<=33.01	Pass
16QAM	1860	1	0	22.64	-2.00	20.64	<=33.01	Pass
			50	22.94	-2.00	20.94	<=33.01	Pass
			99	22.54	-2.00	20.54	<=33.01	Pass
		50	0	21.67	-2.00	19.67	<=33.01	Pass
			25	21.83	-2.00	19.83	<=33.01	Pass
			50	21.84	-2.00	19.84	<=33.01	Pass
		100	0	21.98	-2.00	19.98	<=33.01	Pass
	1880	1	0	22.45	-2.00	20.45	<=33.01	Pass
			50	22.77	-2.00	20.77	<=33.01	Pass
			99	22.43	-2.00	20.43	<=33.01	Pass
		50	0	21.66	-2.00	19.66	<=33.01	Pass
			25	21.74	-2.00	19.74	<=33.01	Pass
			50	21.72	-2.00	19.72	<=33.01	Pass
		100	0	21.66	-2.00	19.66	<=33.01	Pass
	1900	1	0	22.34	-2.00	20.34	<=33.01	Pass

			50	22.74	-2.00	20.74	<=33.01	Pass
			99	22.52	-2.00	20.52	<=33.01	Pass
		50	0	21.74	-2.00	19.74	<=33.01	Pass
			25	21.72	-2.00	19.72	<=33.01	Pass
			50	21.63	-2.00	19.63	<=33.01	Pass
		100	0	21.65	-2.00	19.65	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B2_1.4MHz

Band: 2 / 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	-1.917	-0.0010	-2.5 to 2.5	Pass
					3.85	-7.782	-0.0042	-2.5 to 2.5	Pass
					4.43	2.804	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-10.314	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-12.074	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-4.978	-0.0026	-2.5 to 2.5	Pass
					3.85	-12.016	-0.0064	-2.5 to 2.5	Pass
					4.43	-12.646	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-8.411	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-5.221	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-9.055	-0.0048	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	-15.092	-0.0079	-2.5 to 2.5	Pass
					4.43	-8.483	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-11.415	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-13.390	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-3.333	-0.0017	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-1.931	-0.0010	-2.5 to 2.5	Pass
					3.85	-5.136	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-9.313	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass

				0	3.85	2.203	0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-9.842	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-8.311	-0.0045	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	-6.838	-0.0036	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-6.809	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-6.409	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-11.172	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-9.012	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-5.250	-0.0027	-2.5 to 2.5	Pass
					3.85	5.765	0.0030	-2.5 to 2.5	Pass
					4.43	0.973	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-13.046	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-12.674	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-12.431	-0.0065	-2.5 to 2.5	Pass

2.1.2 B2_3MHz

Band: 2 / 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	-23.417	-0.0126	-2.5 to 2.5	Pass
					3.85	-21.515	-0.0116	-2.5 to 2.5	Pass
					4.43	-18.740	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-16.079	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-17.252	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-9.556	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-9.570	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-12.288	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-14.935	-0.0081	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-14.777	-0.0079	-2.5 to 2.5	Pass
					3.85	-14.863	-0.0079	-2.5 to 2.5	Pass
					4.43	-8.597	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-15.092	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-11.029	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-10.242	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-9.127	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-7.825	-0.0041	-2.5 to 2.5	Pass
					3.85	-9.856	-0.0052	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0018	-2.5 to 2.5	Pass

				-30	3.85	-8.855	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-12.789	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-9.456	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-7.710	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-8.626	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-7.825	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-10.586	-0.0057	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0025	-2.5 to 2.5	Pass
					4.43	-4.134	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-11.687	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-14.620	-0.0079	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-11.630	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.709	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-11.830	-0.0064	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-15.078	-0.0080	-2.5 to 2.5	Pass
					3.85	-9.341	-0.0050	-2.5 to 2.5	Pass
					4.43	-7.482	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-14.634	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-10.614	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-12.202	-0.0065	-2.5 to 2.5	Pass
				10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				30	3.85	-16.265	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-15.321	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-10.114	-0.0054	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-3.905	-0.0020	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0034	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-9.055	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-9.227	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-8.068	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-11.001	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-12.174	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-11.072	-0.0058	-2.5 to 2.5	Pass

2.1.3 B2_5MHz

Band: 2 / 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	-1.502	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-5.379	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0024	-2.5 to 2.5	Pass
				30	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass

	1880	25	0	20	3.27	-18.554	-0.0099	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
					4.43	-0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-10.757	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-5.779	-0.0031	-2.5 to 2.5	Pass
				40	3.85	3.777	0.0020	-2.5 to 2.5	Pass
				50	3.85	3.633	0.0019	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-8.311	-0.0044	-2.5 to 2.5	Pass
					3.85	-6.552	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.606	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-10.986	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-14.033	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-15.221	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-1.574	-0.0008	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-6.680	-0.0036	-2.5 to 2.5	Pass
					3.85	1.302	0.0007	-2.5 to 2.5	Pass
					4.43	2.246	0.0012	-2.5 to 2.5	Pass
				-30	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-17.853	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-4.091	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-11.530	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	-5.393	-0.0029	-2.5 to 2.5	Pass
					3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-16.565	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-10.042	-0.0053	-2.5 to 2.5	Pass
				30	3.85	3.176	0.0017	-2.5 to 2.5	Pass
				40	3.85	-9.656	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-14.820	-0.0078	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-16.365	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-10.557	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-6.123	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass

2.1.4 B2_10MHz

Band: 2 / 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	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.85	4.635	0.0025	-2.5 to 2.5	Pass
					4.43	-5.836	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-8.469	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-9.828	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.834	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-6.952	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
					4.43	-9.384	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-12.832	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-5.608	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-8.054	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-13.461	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-8.311	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-12.202	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-9.298	-0.0049	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-7.782	-0.0041	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.974	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-9.427	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-4.735	-0.0025	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-6.909	-0.0037	-2.5 to 2.5	Pass
					3.85	-8.154	-0.0044	-2.5 to 2.5	Pass
					4.43	1.974	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-5.364	-0.0029	-2.5 to 2.5	Pass
				30	3.85	2.446	0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0041	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-7.739	-0.0041	-2.5 to 2.5	Pass
					3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-9.384	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-10.657	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass

	1905	50	0	20	3.27	-3.533	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.317	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-6.895	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-9.184	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0030	-2.5 to 2.5	Pass

2.1.5 B2_15MHz

Band: 2 / 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	-5.093	-0.0027	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	2.475	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-6.766	-0.0036	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0037	-2.5 to 2.5	Pass
					4.43	-12.589	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-10.471	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.794	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-8.197	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-13.232	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-11.630	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-12.016	-0.0064	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-11.501	-0.0060	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.033	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-8.798	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-8.469	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-12.674	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-0.587	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.875	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-9.327	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	3.705	0.0020	-2.5 to 2.5	Pass
				0	3.85	-4.220	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass

				30	3.85	-3.161	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-6.566	-0.0035	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-3.748	-0.0020	-2.5 to 2.5	Pass
					3.85	-6.752	-0.0036	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-11.201	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-10.328	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.710	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-12.903	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-8.111	-0.0043	-2.5 to 2.5	Pass
					3.85	-7.339	-0.0039	-2.5 to 2.5	Pass
					4.43	-8.454	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.695	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-9.427	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.978	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-8.354	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-9.885	-0.0052	-2.5 to 2.5	Pass

2.1.6 B2_20MHz

Band: 2 / 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	-7.825	-0.0042	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.661	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	2.475	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-4.692	-0.0025	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
					4.43	0.930	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-5.121	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-10.128	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-3.490	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
					4.43	-9.241	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0024	-2.5 to 2.5	Pass

				-10	3.85	-4.992	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-10.500	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-6.552	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.651	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-4.020	-0.0021	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-6.595	-0.0035	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.950	-0.0027	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				10	3.85	-8.397	-0.0045	-2.5 to 2.5	Pass
				30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-2.432	-0.0013	-2.5 to 2.5	Pass
					3.85	-7.982	-0.0042	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				10	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-10.858	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-3.319	-0.0017	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0040	-2.5 to 2.5	Pass
					4.43	-3.819	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-7.582	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.738	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-6.680	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-6.938	-0.0037	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph		Pass
16QAM	1880	15	0	Refer To Test Graph		Pass

3.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

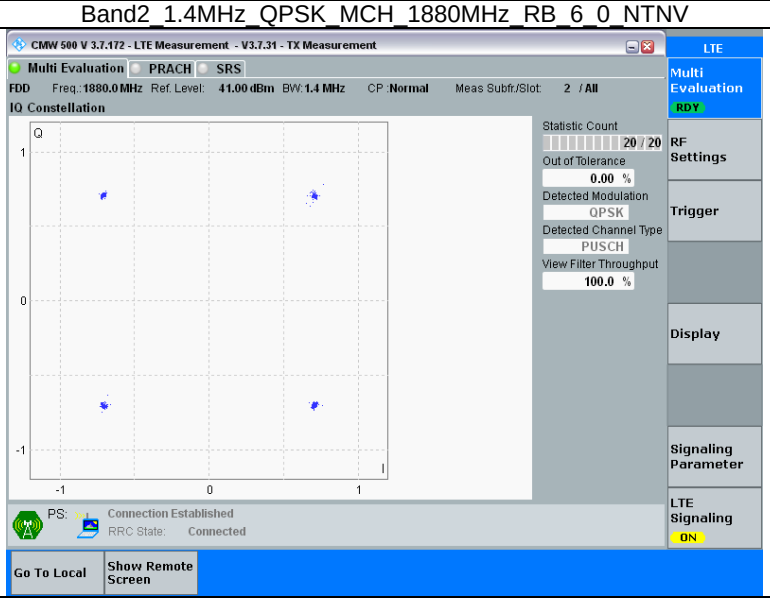
3.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

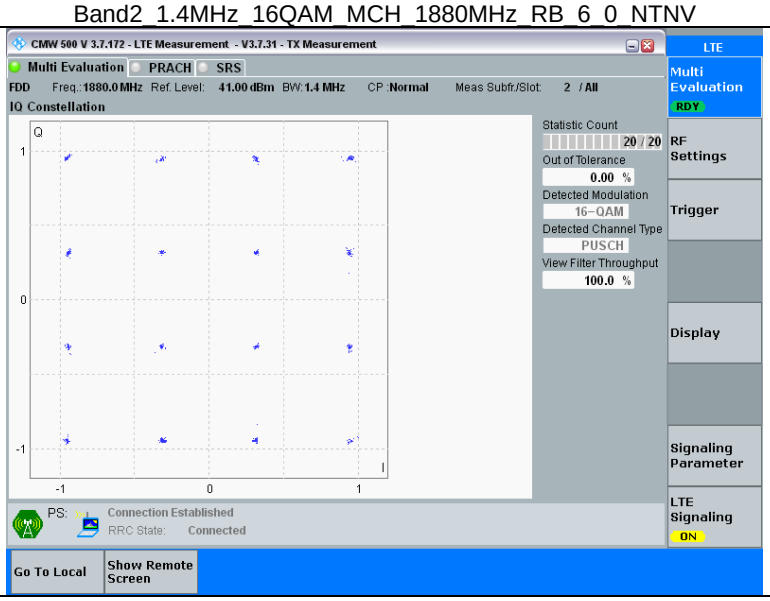
3.2 Test Graph

3.2.1 B2_1.4MHz

Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

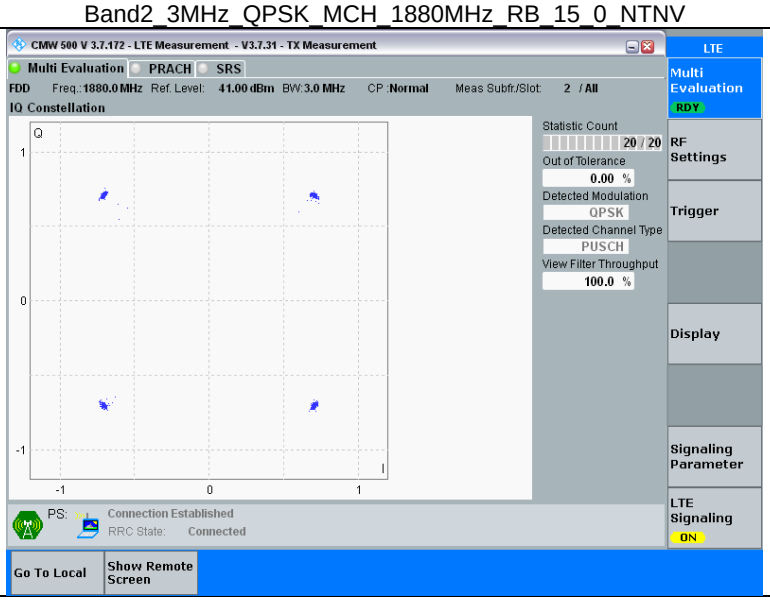


Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV

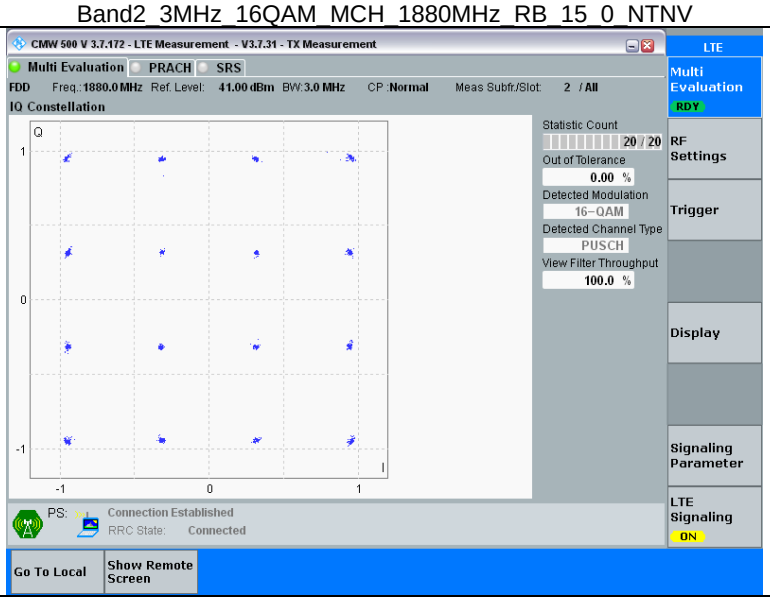


3.2.2 B2_3MHz

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

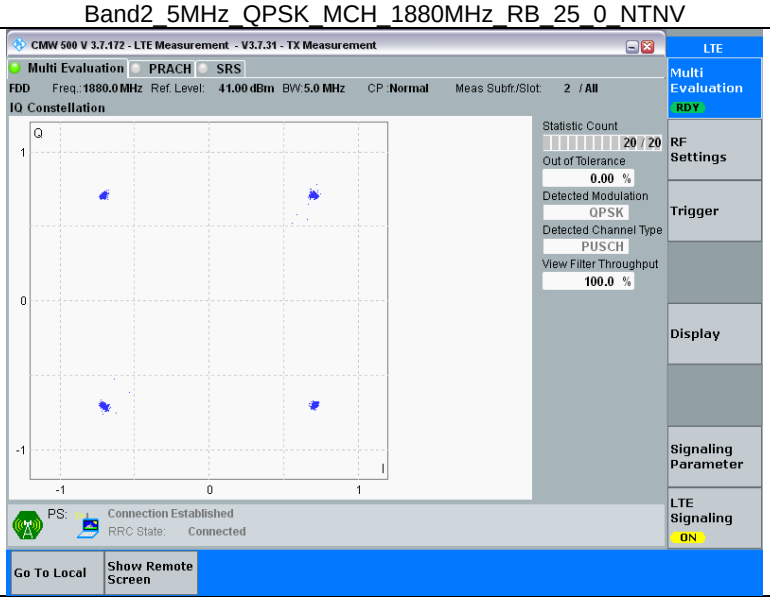


Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

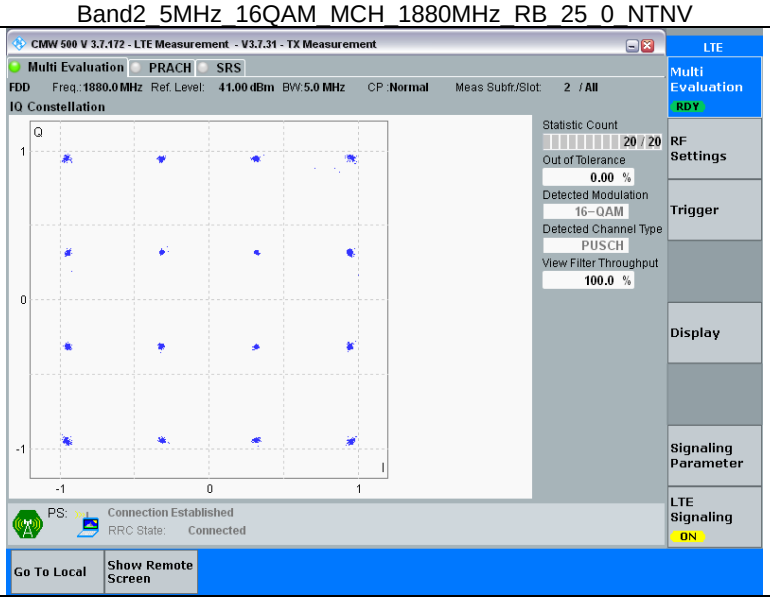


3.2.3 B2_5MHz

Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

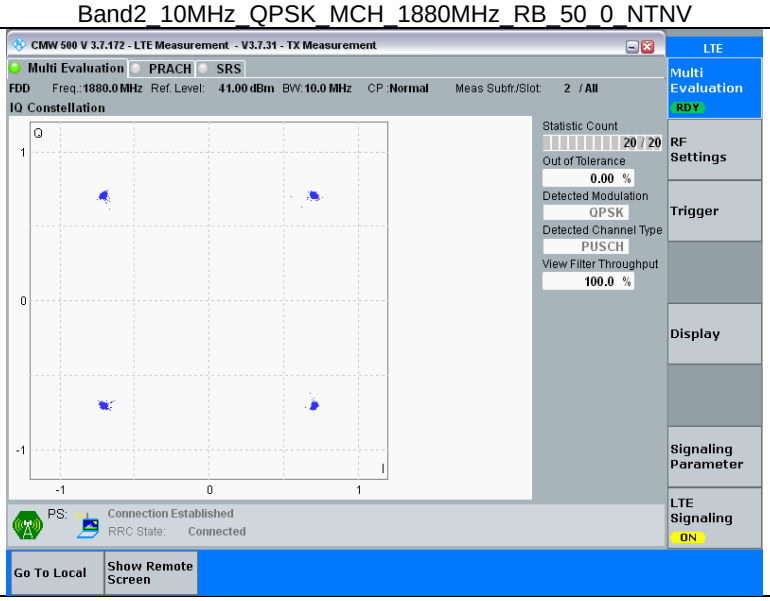


Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV

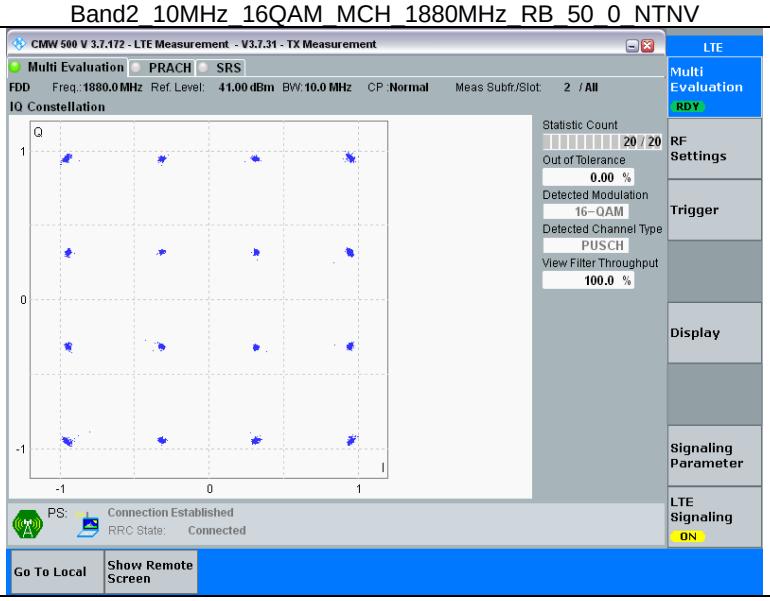


3.2.4 B2_10MHz

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

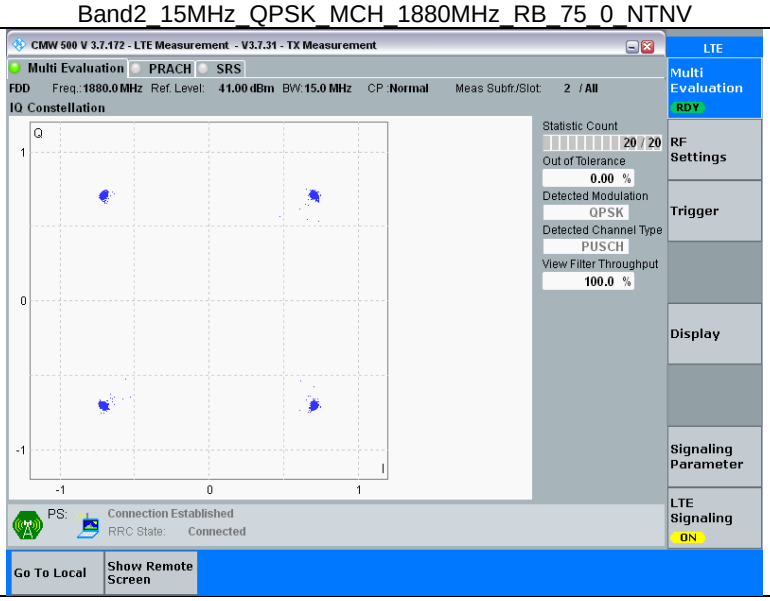


Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV

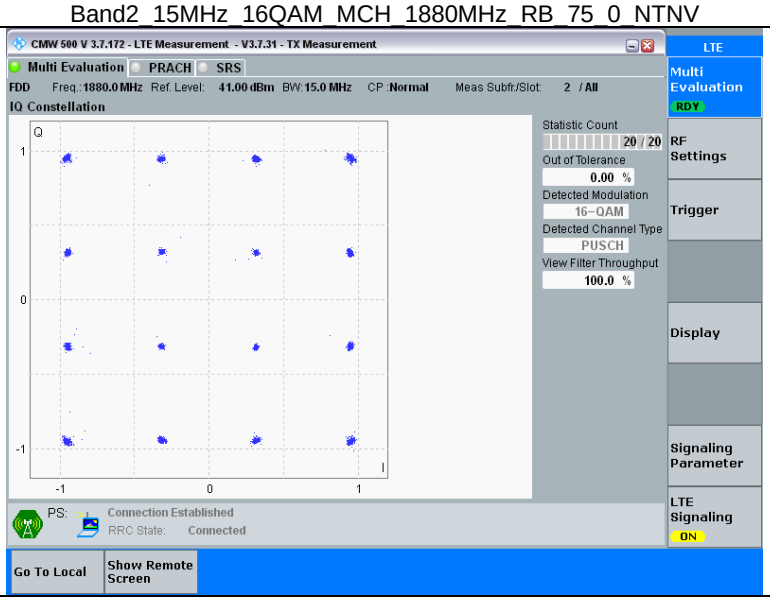


3.2.5 B2_15MHz

Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

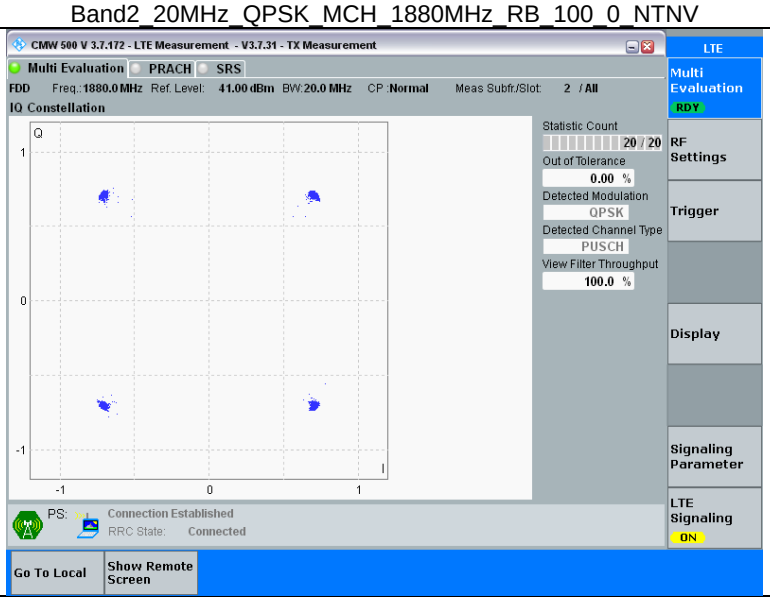


Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV

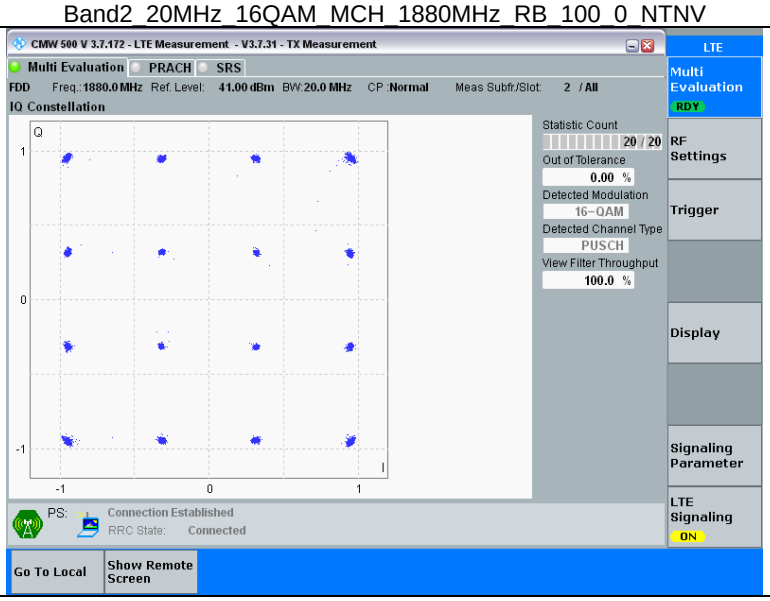


3.2.6 B2_20MHz

Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.126	/	Pass
		1880	6	0	1.111	/	Pass
		1909.3	6	0	1.110	/	Pass
	16QAM	1850.7	6	0	1.103	/	Pass
		1880	6	0	1.106	/	Pass
		1909.3	6	0	1.122	/	Pass
3	QPSK	1851.5	15	0	2.723	/	Pass
		1880	15	0	2.729	/	Pass
		1908.5	15	0	2.724	/	Pass
	16QAM	1851.5	15	0	2.717	/	Pass
		1880	15	0	2.727	/	Pass
		1908.5	15	0	2.725	/	Pass
5	QPSK	1852.5	25	0	4.544	/	Pass
		1880	25	0	4.555	/	Pass
		1907.5	25	0	4.543	/	Pass
	16QAM	1852.5	25	0	4.556	/	Pass
		1880	25	0	4.523	/	Pass
		1907.5	25	0	4.545	/	Pass
10	QPSK	1855	50	0	9.050	/	Pass
		1880	50	0	9.066	/	Pass
		1905	50	0	9.077	/	Pass
	16QAM	1855	50	0	9.052	/	Pass
		1880	50	0	9.045	/	Pass
		1905	50	0	9.045	/	Pass
15	QPSK	1857.5	75	0	13.546	/	Pass
		1880	75	0	13.616	/	Pass
		1902.5	75	0	13.575	/	Pass
	16QAM	1857.5	75	0	13.549	/	Pass
		1880	75	0	13.653	/	Pass
		1902.5	75	0	13.573	/	Pass
20	QPSK	1860	100	0	18.095	/	Pass
		1880	100	0	18.132	/	Pass
		1900	100	0	18.067	/	Pass
	16QAM	1860	100	0	18.105	/	Pass
		1880	100	0	18.142	/	Pass
		1900	100	0	18.125	/	Pass

4.1.2 Band2_XDB

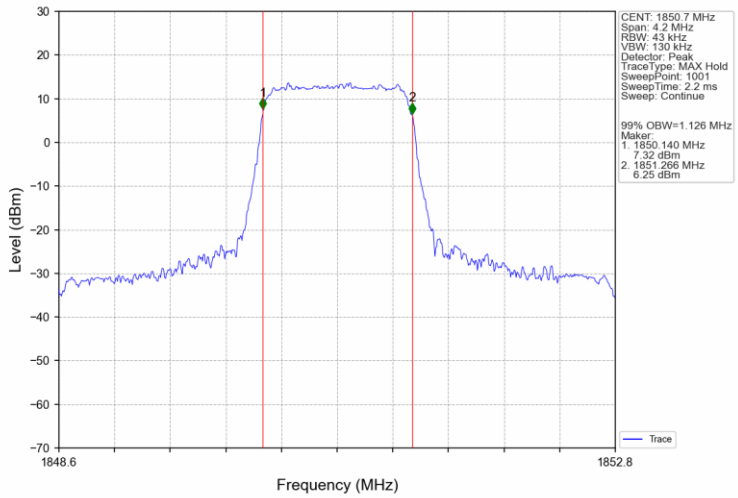
Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.305	/	Pass
		1880	6	0	1.335	/	Pass
		1909.3	6	0	1.322	/	Pass

	16QAM	1850.7	6	0	1.307	/	Pass
		1880	6	0	1.310	/	Pass
		1909.3	6	0	1.328	/	Pass
3	QPSK	1851.5	15	0	2.989	/	Pass
		1880	15	0	2.991	/	Pass
		1908.5	15	0	3.002	/	Pass
	16QAM	1851.5	15	0	3.013	/	Pass
		1880	15	0	2.988	/	Pass
		1908.5	15	0	2.995	/	Pass
5	QPSK	1852.5	25	0	5.010	/	Pass
		1880	25	0	4.989	/	Pass
		1907.5	25	0	5.016	/	Pass
	16QAM	1852.5	25	0	5.034	/	Pass
		1880	25	0	4.990	/	Pass
		1907.5	25	0	5.042	/	Pass
10	QPSK	1855	50	0	9.911	/	Pass
		1880	50	0	9.889	/	Pass
		1905	50	0	9.926	/	Pass
	16QAM	1855	50	0	9.874	/	Pass
		1880	50	0	9.931	/	Pass
		1905	50	0	9.895	/	Pass
15	QPSK	1857.5	75	0	14.829	/	Pass
		1880	75	0	14.889	/	Pass
		1902.5	75	0	14.876	/	Pass
	16QAM	1857.5	75	0	14.858	/	Pass
		1880	75	0	15.014	/	Pass
		1902.5	75	0	15.004	/	Pass
20	QPSK	1860	100	0	19.767	/	Pass
		1880	100	0	19.691	/	Pass
		1900	100	0	19.585	/	Pass
	16QAM	1860	100	0	19.801	/	Pass
		1880	100	0	19.573	/	Pass
		1900	100	0	19.688	/	Pass

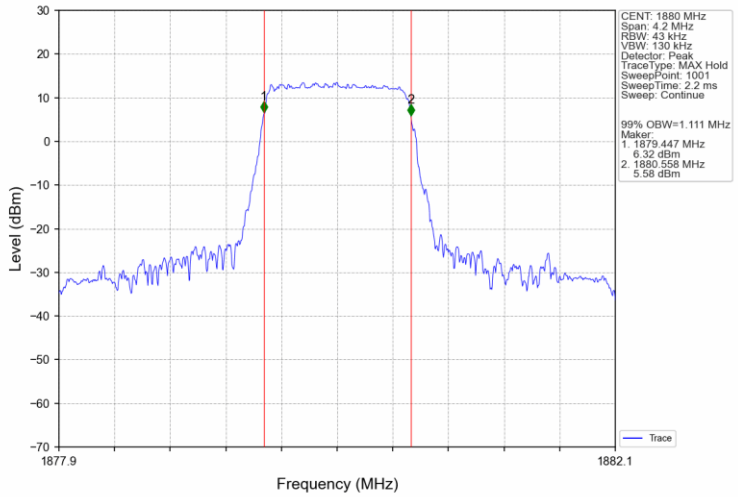
4.2 Test Graph

4.2.1 Band2_OBW

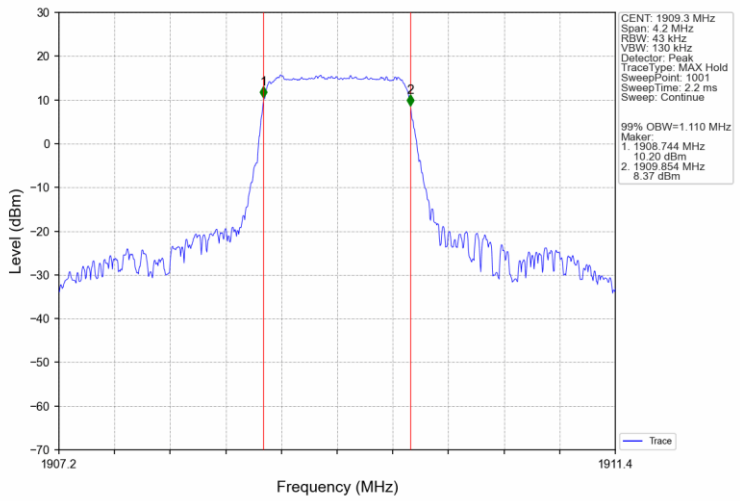
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



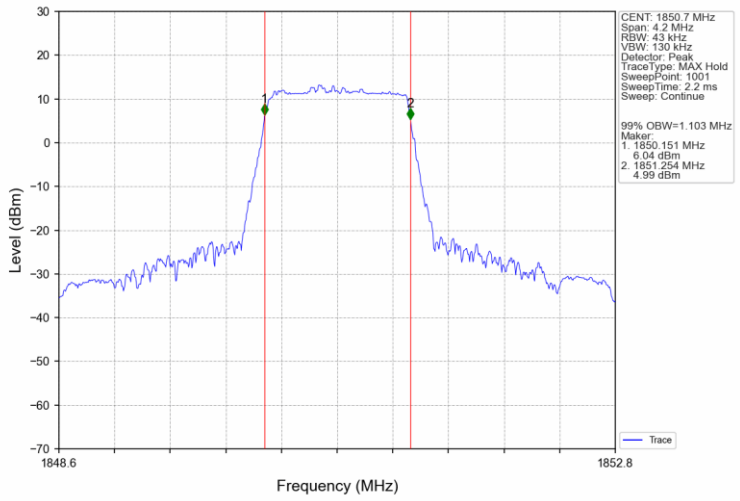
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



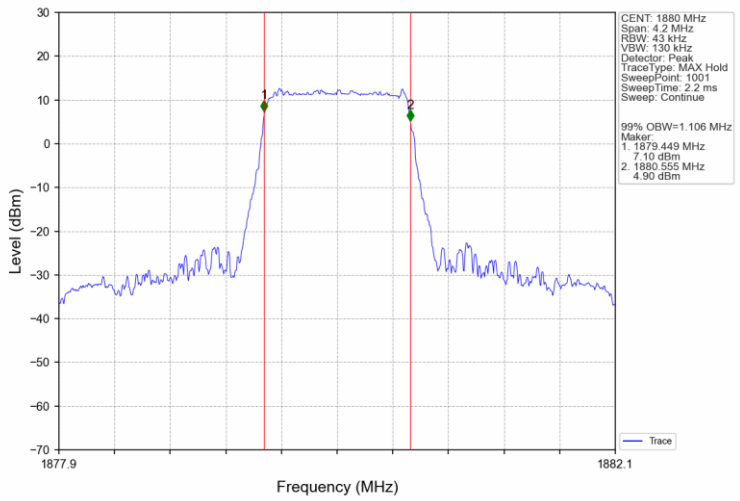
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



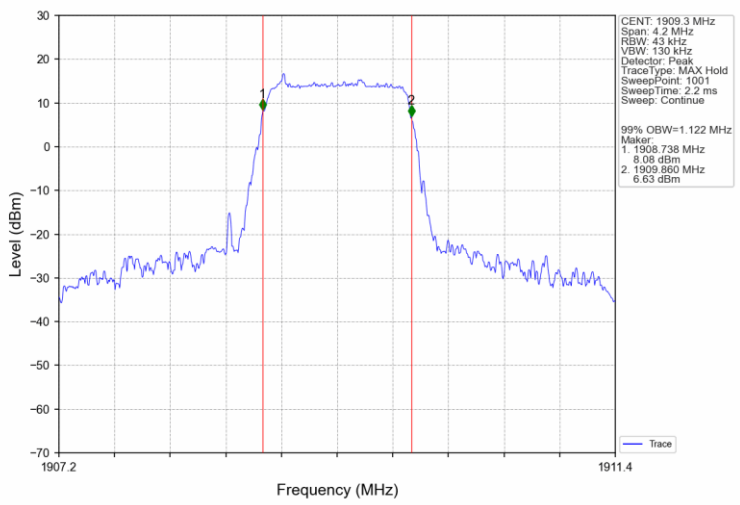
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



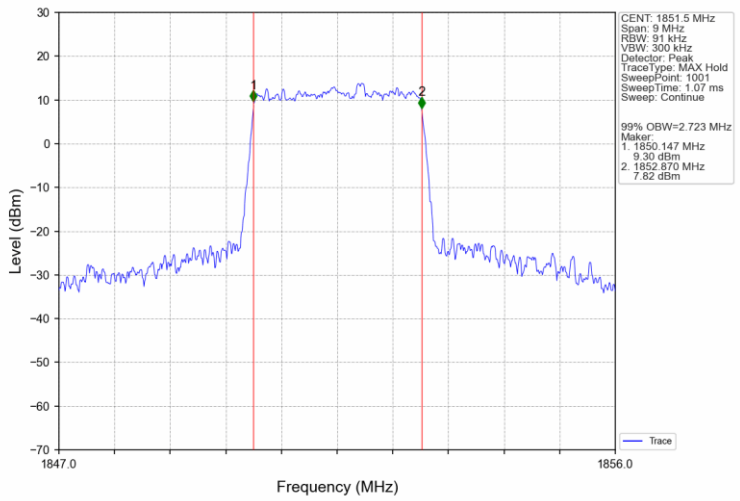
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



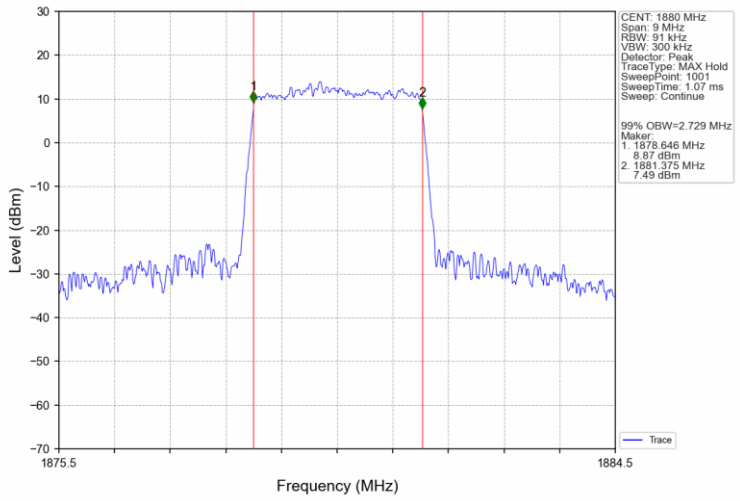
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



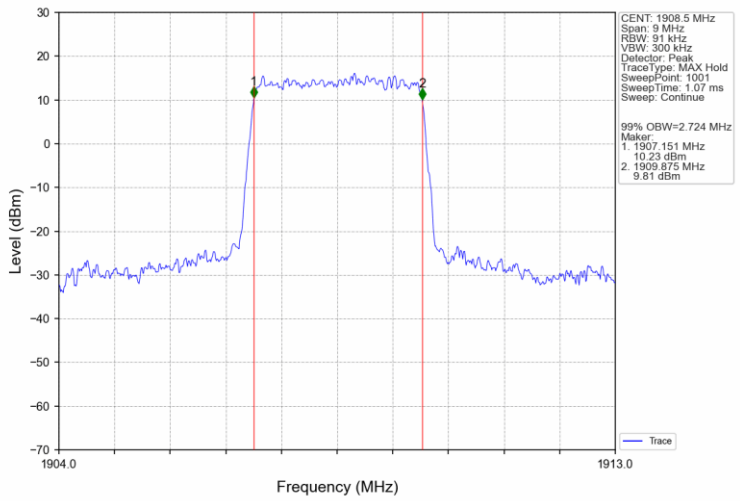
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



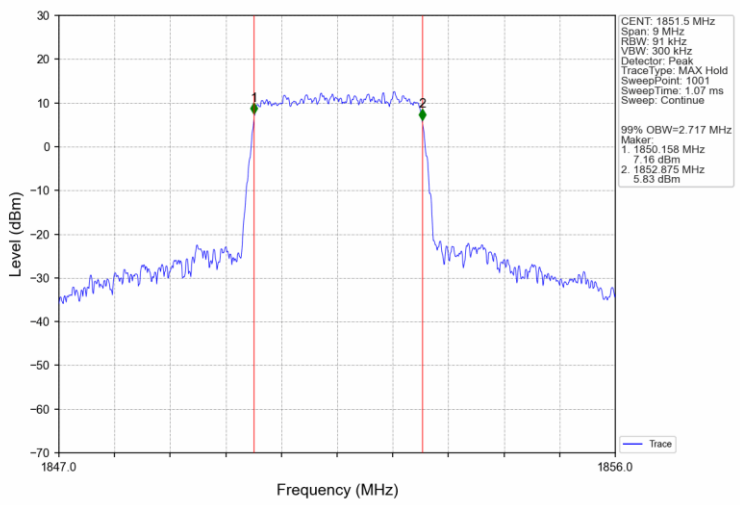
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



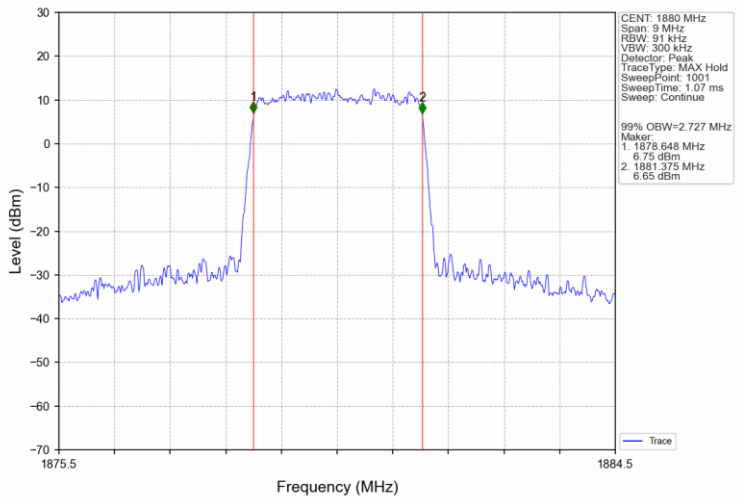
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



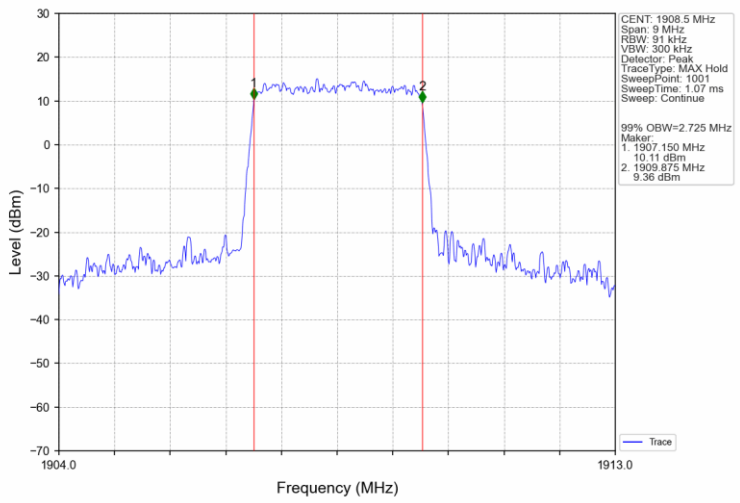
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



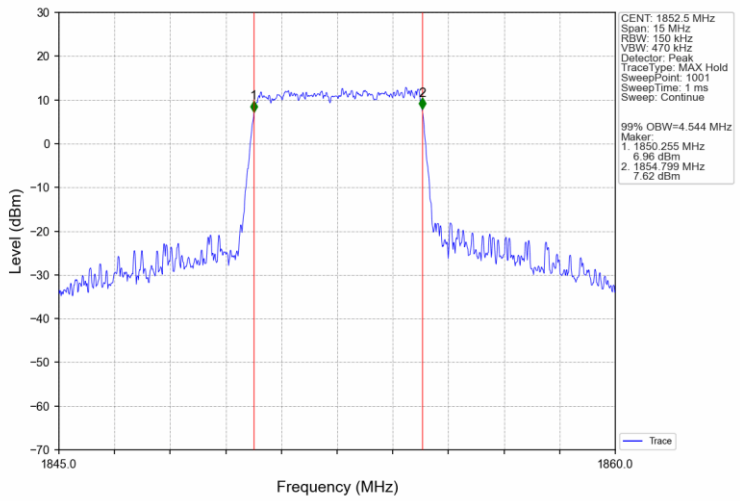
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



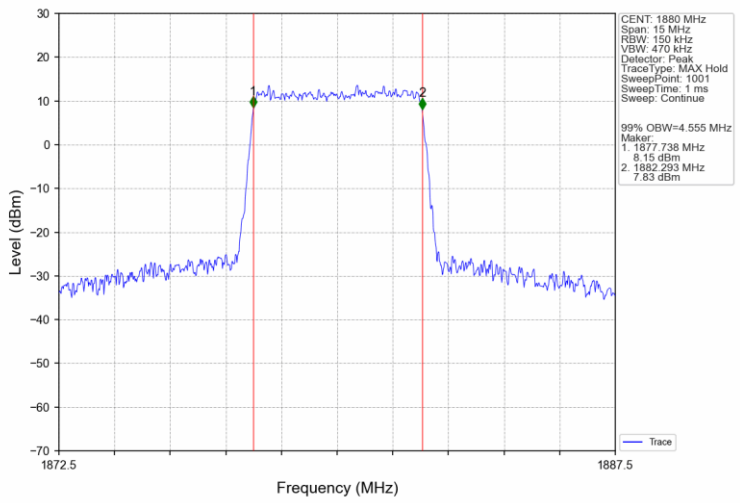
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



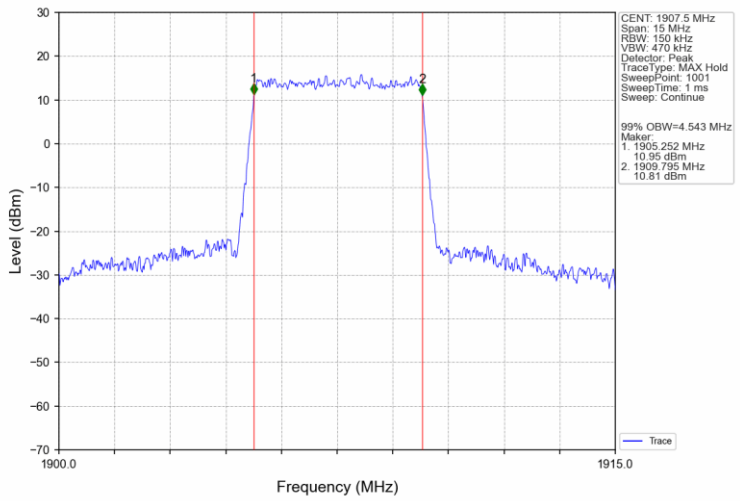
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



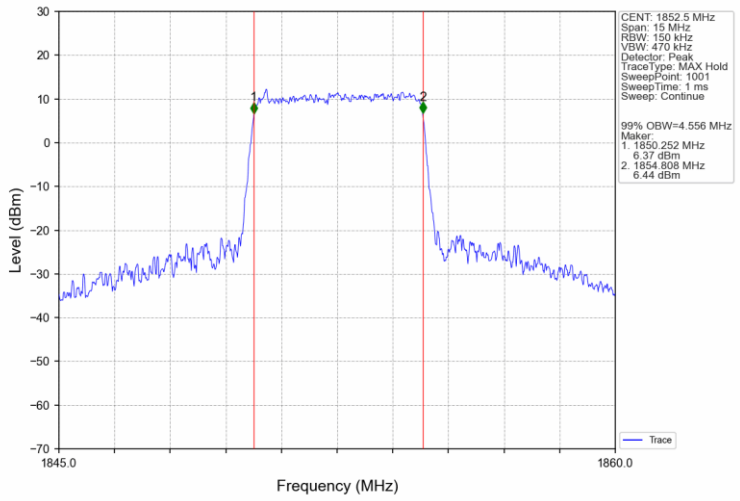
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



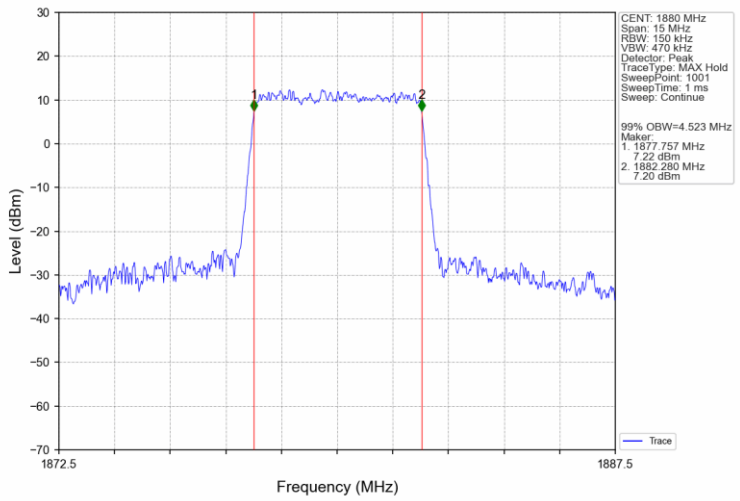
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



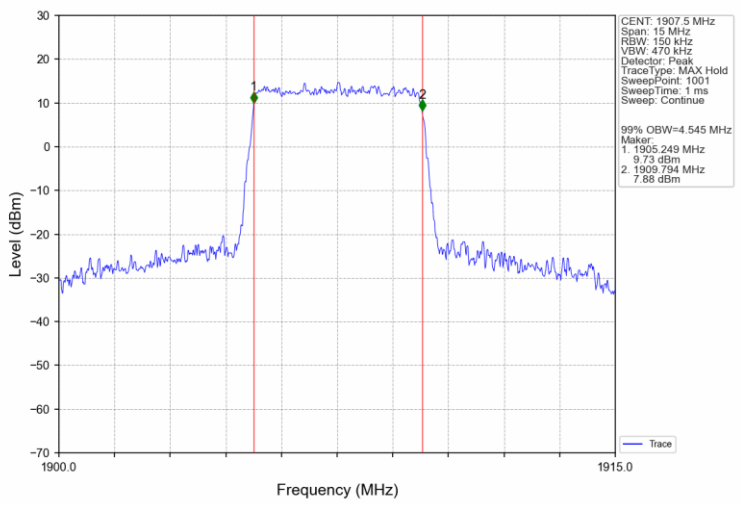
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



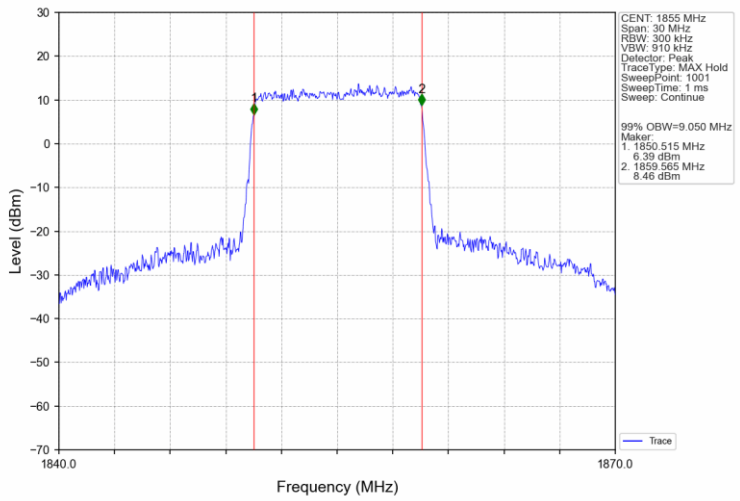
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



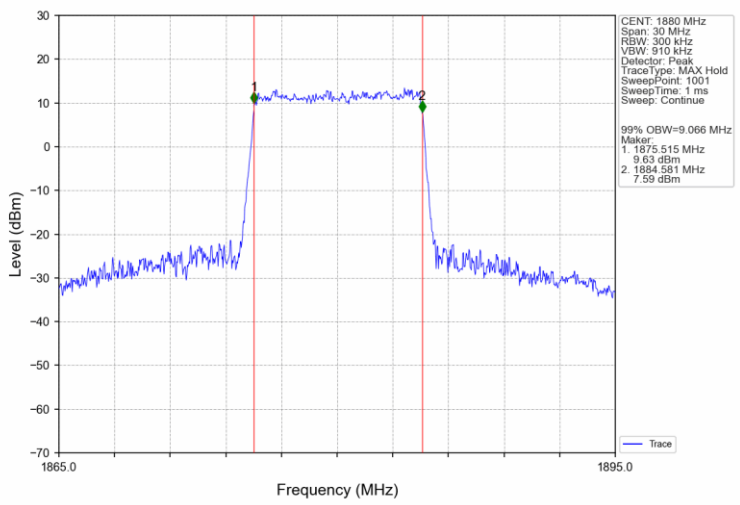
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



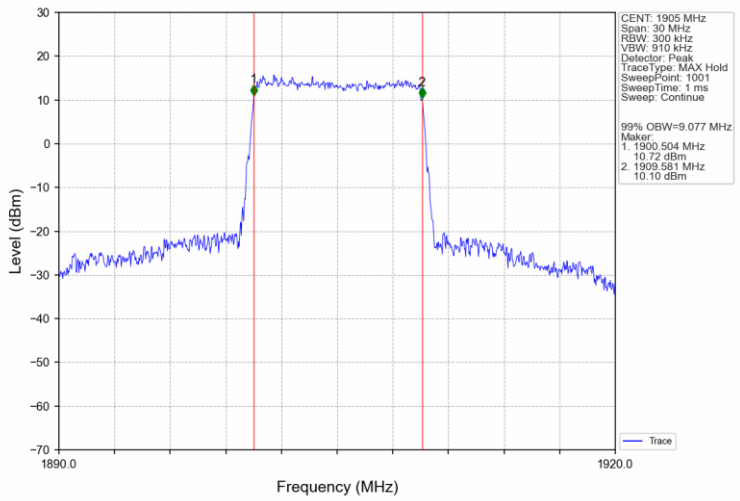
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



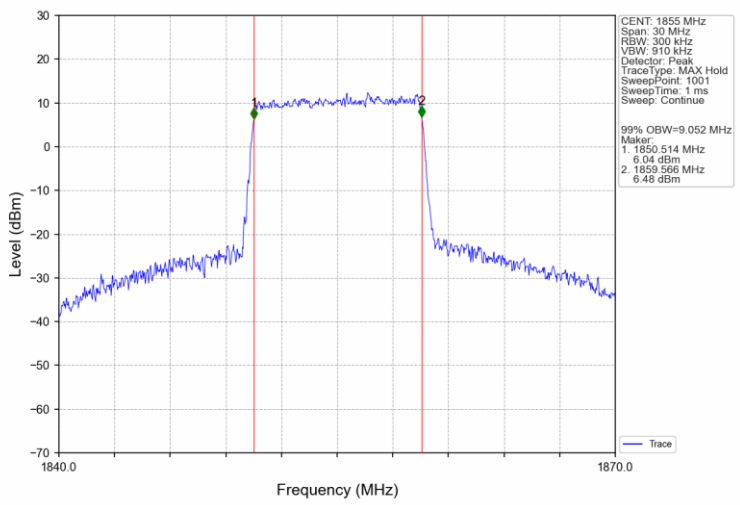
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



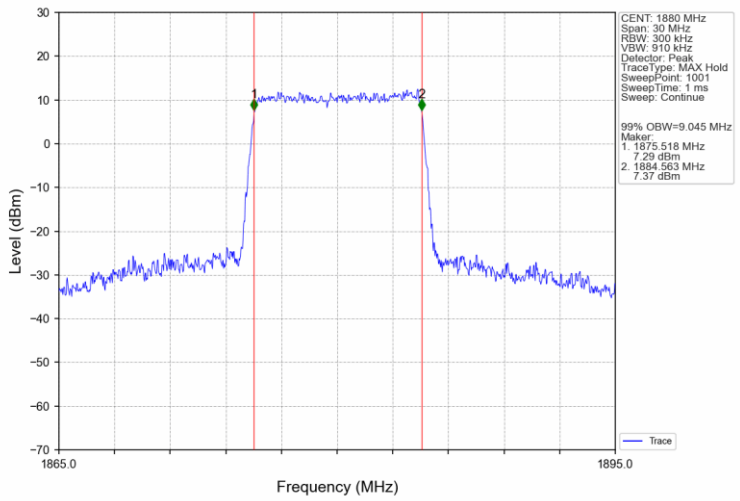
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



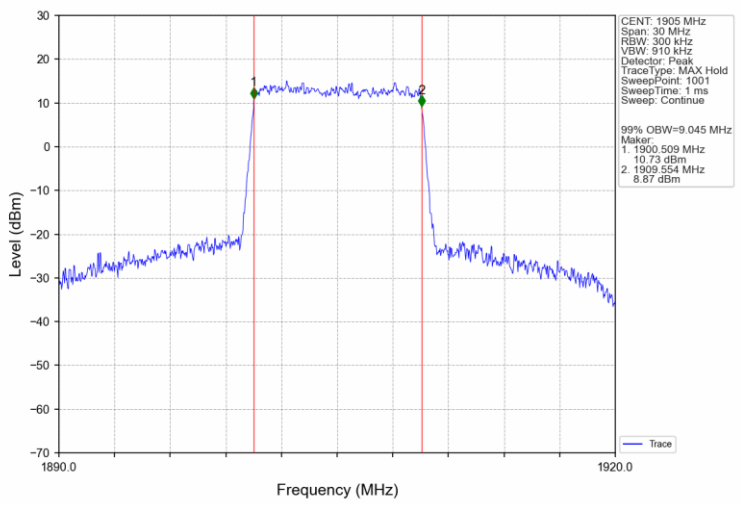
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



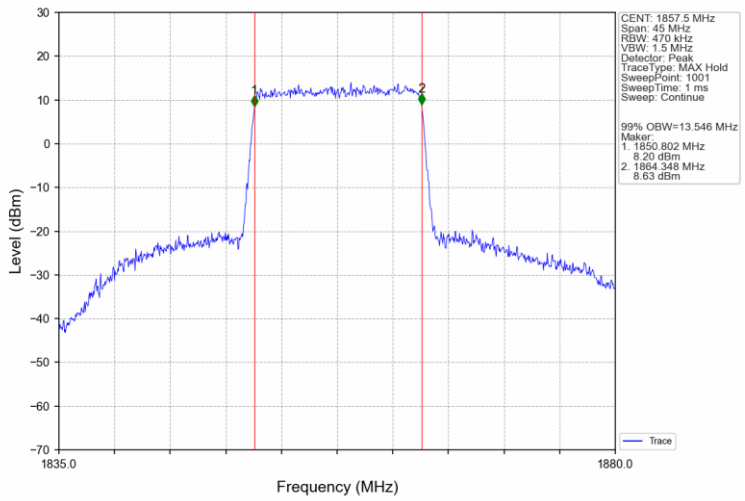
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



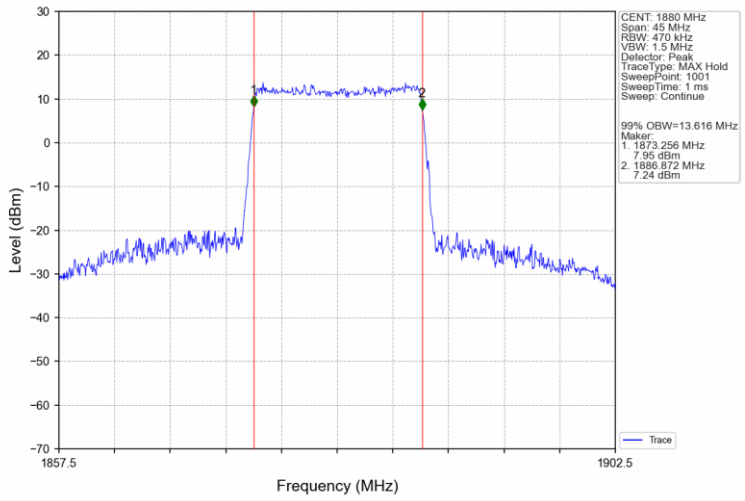
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



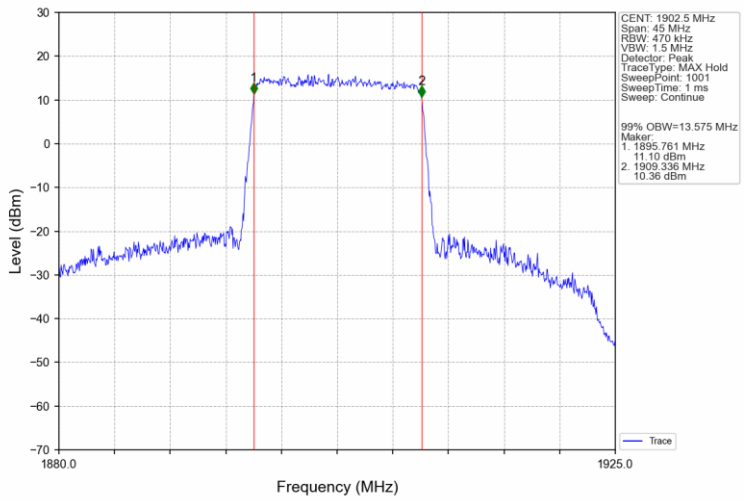
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



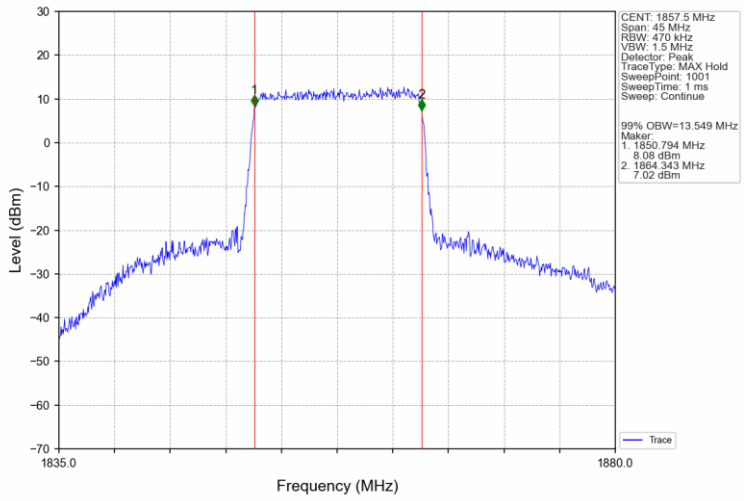
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



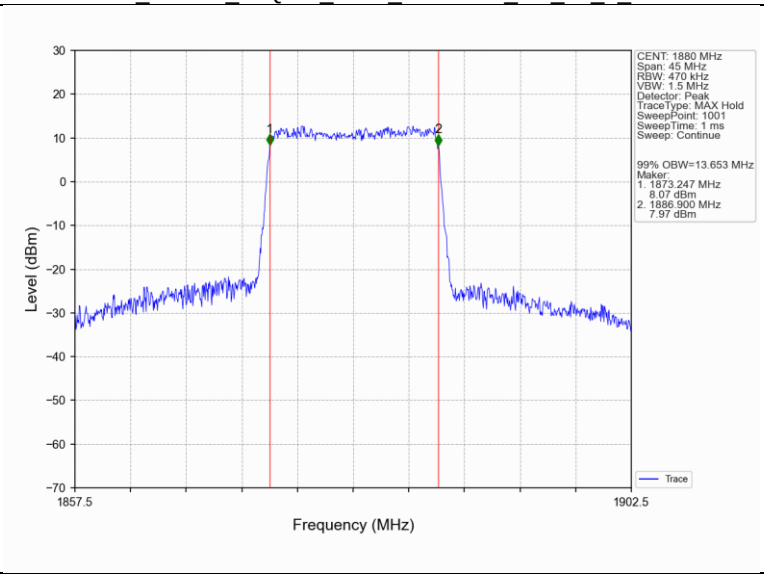
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



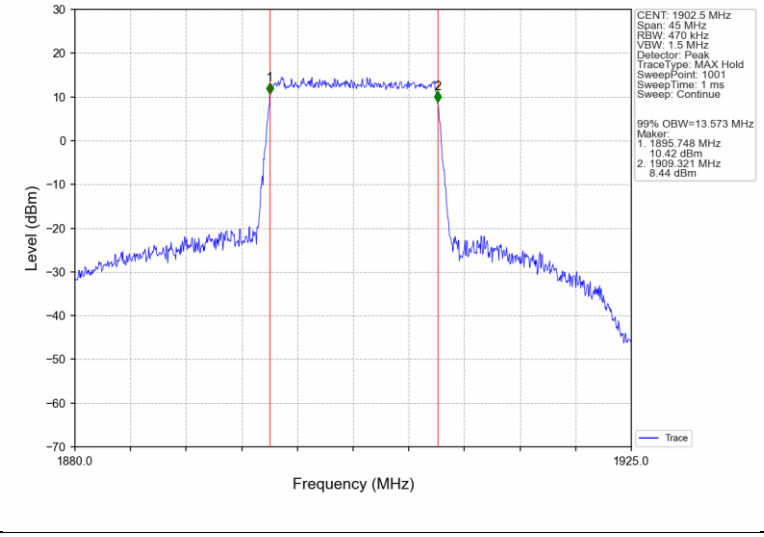
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



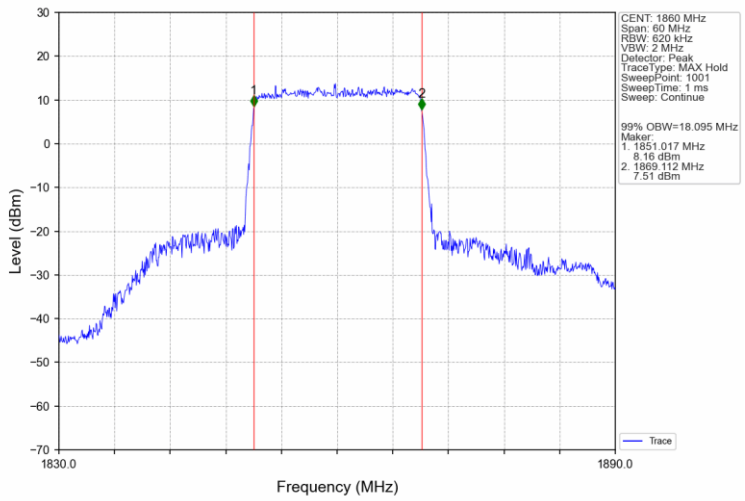
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



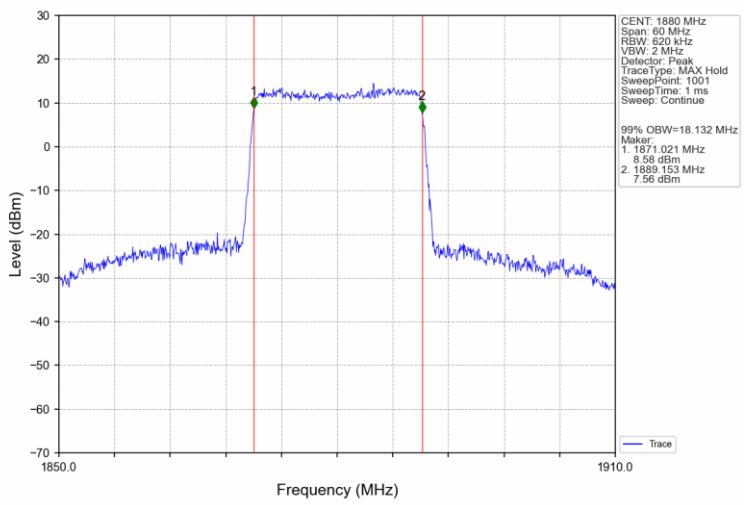
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



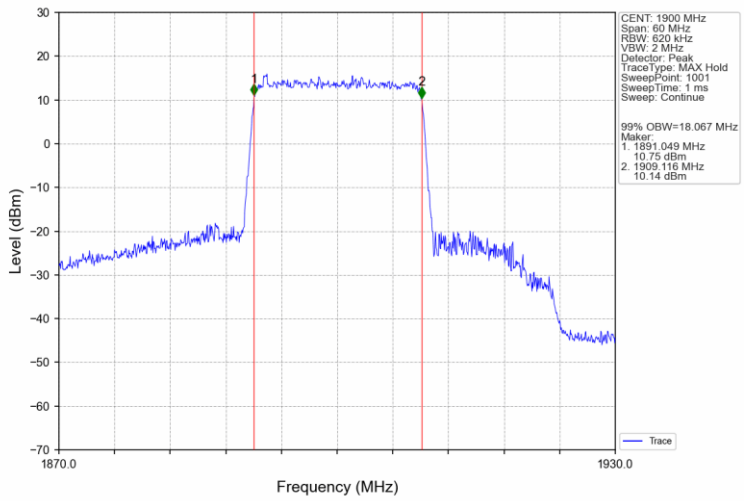
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



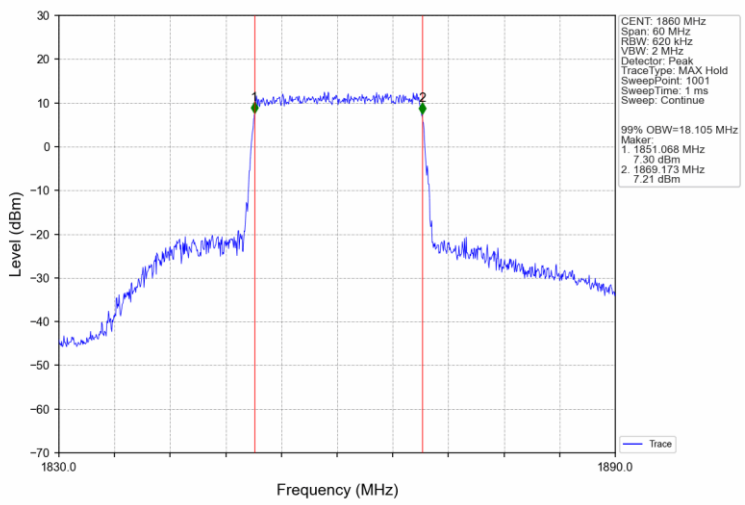
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



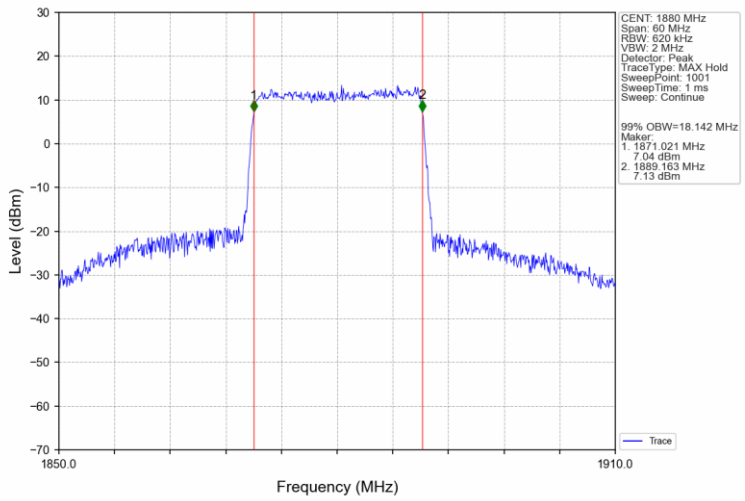
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



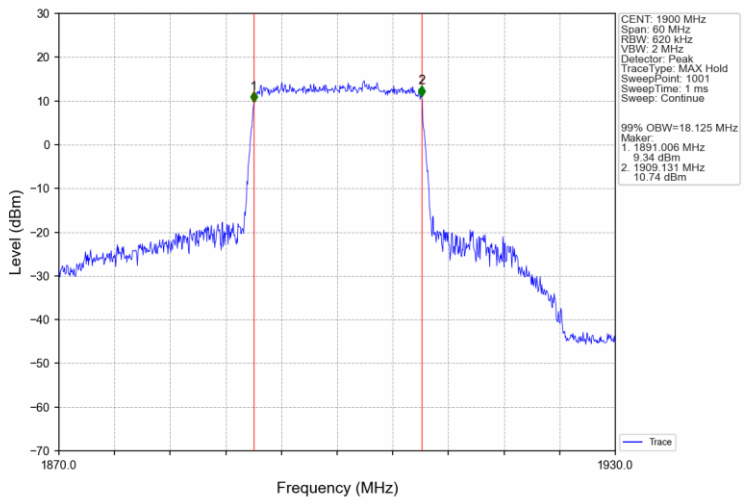
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

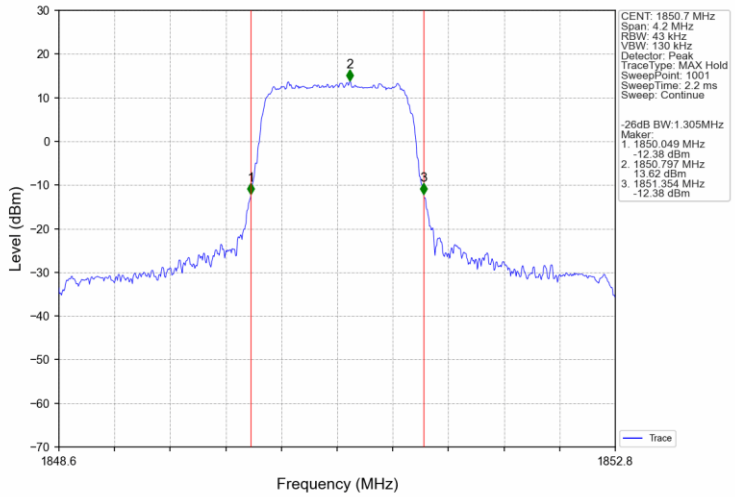


Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

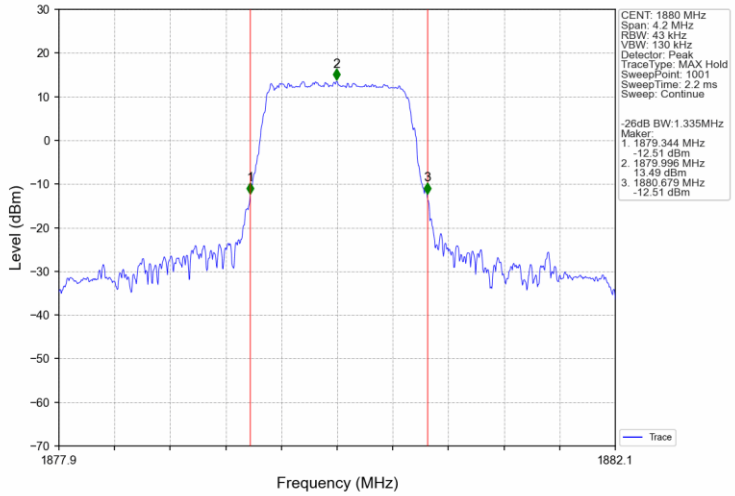


4.2.2 Band2_XDB

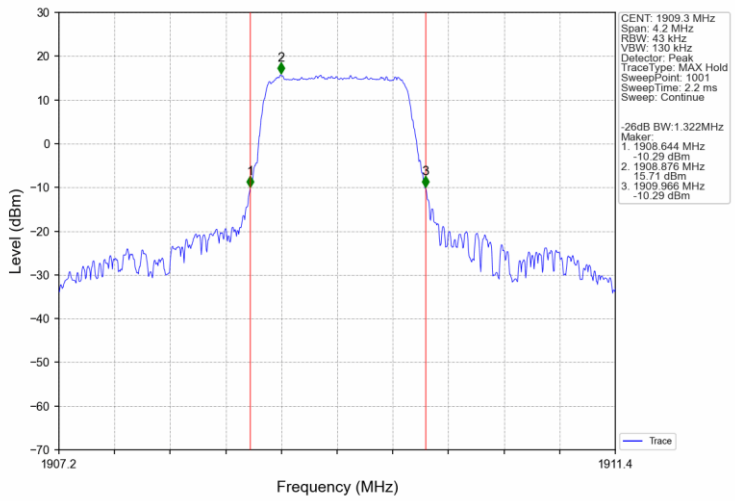
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



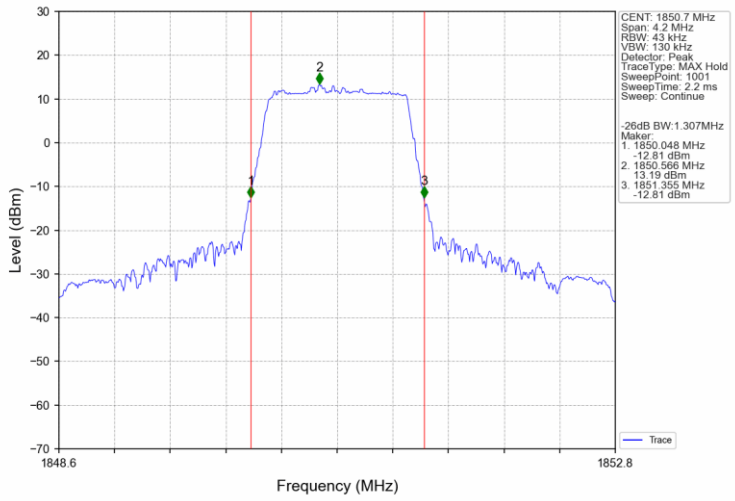
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



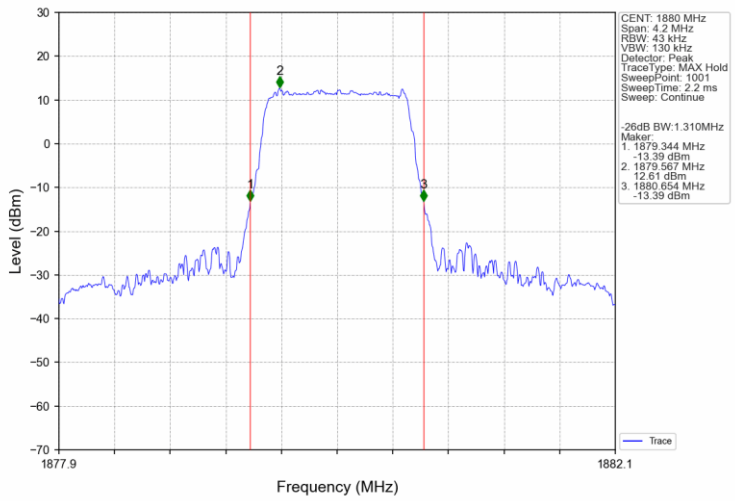
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



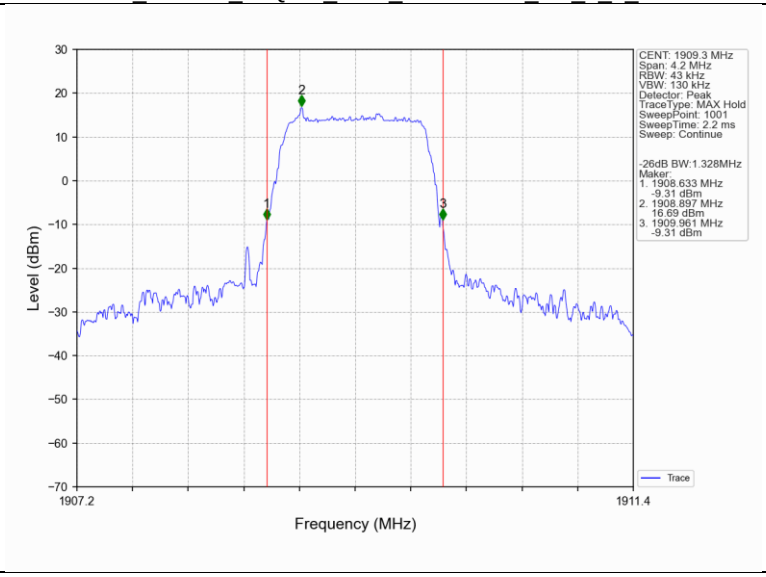
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



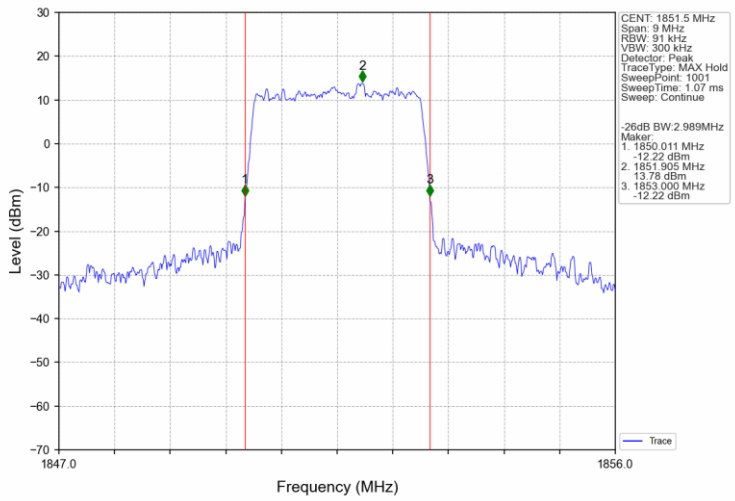
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



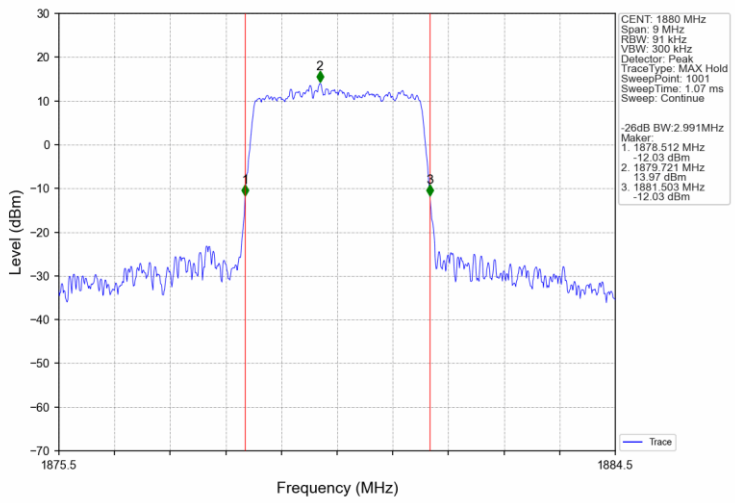
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



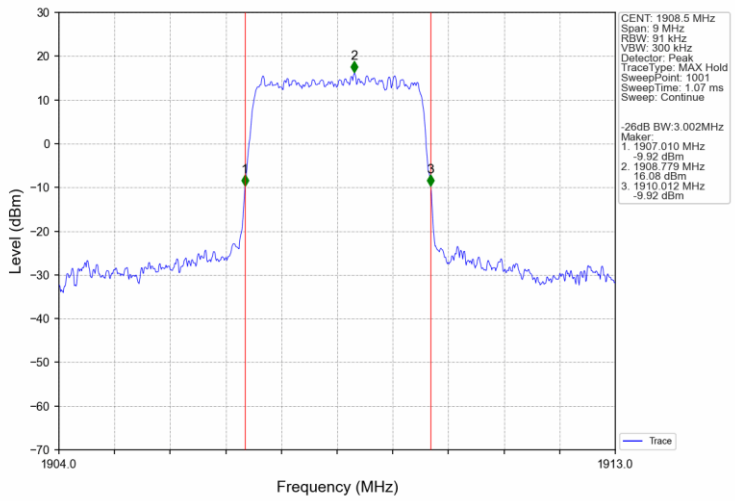
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



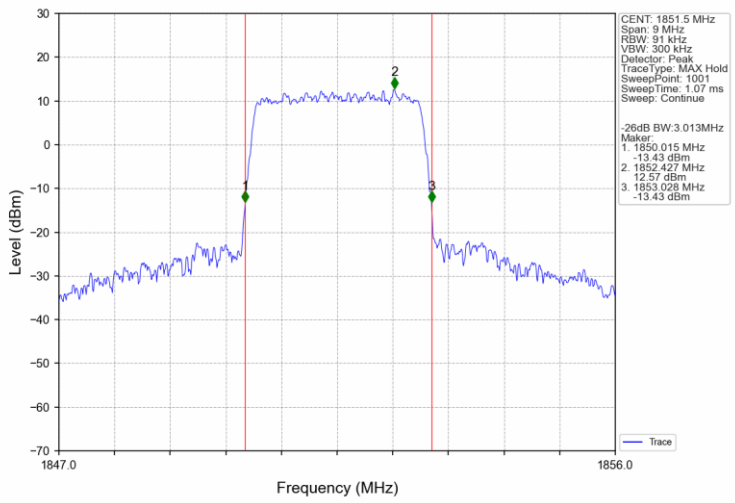
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



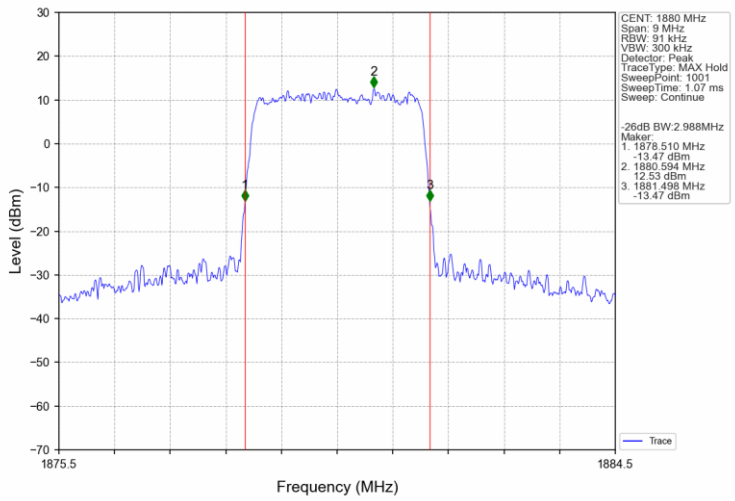
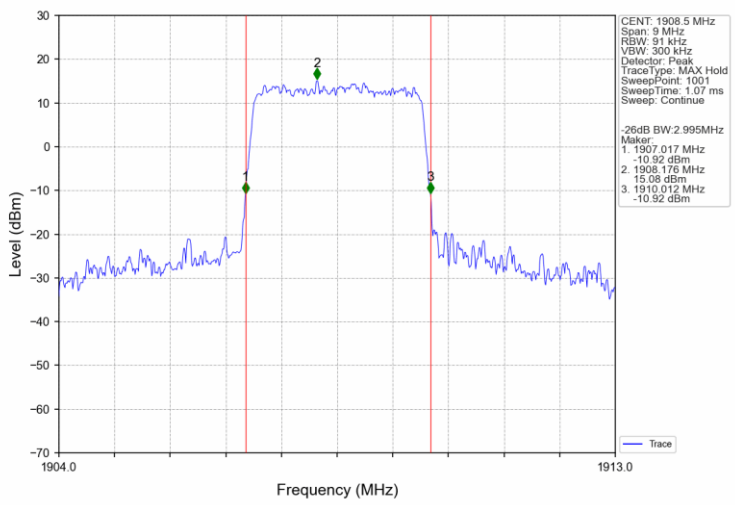
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV