

Appendix 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	24.10	1.89	25.99	<=33.01	Pass
			2	23.91	1.89	25.80	<=33.01	Pass
			5	23.85	1.89	25.74	<=33.01	Pass
		3	0	23.92	1.89	25.81	<=33.01	Pass
			2	23.80	1.89	25.69	<=33.01	Pass
			3	23.69	1.89	25.58	<=33.01	Pass
		6	0	22.90	1.89	24.79	<=33.01	Pass
	1880	1	0	23.88	1.89	25.77	<=33.01	Pass
			2	23.85	1.89	25.74	<=33.01	Pass
			5	23.81	1.89	25.70	<=33.01	Pass
		3	0	23.83	1.89	25.72	<=33.01	Pass
			2	23.82	1.89	25.71	<=33.01	Pass
			3	23.80	1.89	25.69	<=33.01	Pass
		6	0	22.95	1.89	24.84	<=33.01	Pass
	1909.3	1	0	24.03	1.89	25.92	<=33.01	Pass
			2	23.88	1.89	25.77	<=33.01	Pass
			5	23.83	1.89	25.72	<=33.01	Pass
		3	0	23.77	1.89	25.66	<=33.01	Pass
			2	23.69	1.89	25.58	<=33.01	Pass
			3	23.71	1.89	25.60	<=33.01	Pass
		6	0	22.78	1.89	24.67	<=33.01	Pass
16QAM	1850.7	1	0	22.94	1.89	24.83	<=33.01	Pass
			2	22.84	1.89	24.73	<=33.01	Pass
			5	22.82	1.89	24.71	<=33.01	Pass
		3	0	23.03	1.89	24.92	<=33.01	Pass
			2	22.95	1.89	24.84	<=33.01	Pass
			3	22.91	1.89	24.80	<=33.01	Pass
		6	0	21.95	1.89	23.84	<=33.01	Pass
	1880	1	0	22.99	1.89	24.88	<=33.01	Pass
			2	22.99	1.89	24.88	<=33.01	Pass
			5	23.02	1.89	24.91	<=33.01	Pass
		3	0	23.00	1.89	24.89	<=33.01	Pass
			2	22.99	1.89	24.88	<=33.01	Pass
			3	23.06	1.89	24.95	<=33.01	Pass
		6	0	21.90	1.89	23.79	<=33.01	Pass
	1909.3	1	0	22.85	1.89	24.74	<=33.01	Pass
			2	22.84	1.89	24.73	<=33.01	Pass
			5	22.84	1.89	24.73	<=33.01	Pass
		3	0	22.87	1.89	24.76	<=33.01	Pass
			2	22.82	1.89	24.71	<=33.01	Pass
			3	22.83	1.89	24.72	<=33.01	Pass
		6	0	21.85	1.89	23.74	<=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	23.71	1.89	25.60	<=33.01	Pass
			7	23.40	1.89	25.29	<=33.01	Pass
			14	23.30	1.89	25.19	<=33.01	Pass
		8	0	22.57	1.89	24.46	<=33.01	Pass
			4	22.45	1.89	24.34	<=33.01	Pass
			7	22.48	1.89	24.37	<=33.01	Pass
		15	0	22.42	1.89	24.31	<=33.01	Pass
	1880	1	0	23.81	1.89	25.70	<=33.01	Pass
			7	23.77	1.89	25.66	<=33.01	Pass
			14	23.73	1.89	25.62	<=33.01	Pass
		8	0	22.98	1.89	24.87	<=33.01	Pass
			4	22.94	1.89	24.83	<=33.01	Pass
			7	22.85	1.89	24.74	<=33.01	Pass
		15	0	22.89	1.89	24.78	<=33.01	Pass
	1908.5	1	0	24.51	1.89	26.40	<=33.01	Pass
			7	24.42	1.89	26.31	<=33.01	Pass
			14	24.24	1.89	26.13	<=33.01	Pass
		8	0	23.50	1.89	25.39	<=33.01	Pass
			4	23.39	1.89	25.28	<=33.01	Pass
			7	23.36	1.89	25.25	<=33.01	Pass
		15	0	23.37	1.89	25.26	<=33.01	Pass
16QAM	1851.5	1	0	22.71	1.89	24.60	<=33.01	Pass
			7	22.46	1.89	24.35	<=33.01	Pass
			14	22.45	1.89	24.34	<=33.01	Pass
		8	0	21.75	1.89	23.64	<=33.01	Pass
			4	21.62	1.89	23.51	<=33.01	Pass
			7	21.66	1.89	23.55	<=33.01	Pass
		15	0	21.59	1.89	23.48	<=33.01	Pass
	1880	1	0	23.09	1.89	24.98	<=33.01	Pass
			7	23.05	1.89	24.94	<=33.01	Pass
			14	23.03	1.89	24.92	<=33.01	Pass
		8	0	21.91	1.89	23.80	<=33.01	Pass
			4	21.92	1.89	23.81	<=33.01	Pass
			7	21.95	1.89	23.84	<=33.01	Pass
		15	0	22.60	1.89	24.49	<=33.01	Pass
	1908.5	1	0	23.87	1.89	25.76	<=33.01	Pass
			7	23.83	1.89	25.72	<=33.01	Pass
			14	23.66	1.89	25.55	<=33.01	Pass
		8	0	22.66	1.89	24.55	<=33.01	Pass
			4	22.57	1.89	24.46	<=33.01	Pass
			7	22.49	1.89	24.38	<=33.01	Pass
		15	0	22.45	1.89	24.34	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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	24.18	1.89	26.07	<=33.01	Pass		
			13	23.65	1.89	25.54	<=33.01	Pass		
			24	23.56	1.89	25.45	<=33.01	Pass		
		12	0	22.75	1.89	24.64	<=33.01	Pass		
			6	22.66	1.89	24.55	<=33.01	Pass		
			13	22.59	1.89	24.48	<=33.01	Pass		
		25	0	22.68	1.89	24.57	<=33.01	Pass		
		1880	1	0	24.29	1.89	26.18	<=33.01	Pass	
				13	24.01	1.89	25.90	<=33.01	Pass	
	24			24.07	1.89	25.96	<=33.01	Pass		
	12		0	23.21	1.89	25.10	<=33.01	Pass		
			6	23.17	1.89	25.06	<=33.01	Pass		
			13	23.11	1.89	25.00	<=33.01	Pass		
	25	0	23.10	1.89	24.99	<=33.01	Pass			
	1907.5	1	0	24.26	1.89	26.15	<=33.01	Pass		
			13	23.99	1.89	25.88	<=33.01	Pass		
			24	23.97	1.89	25.86	<=33.01	Pass		
		12	0	23.10	1.89	24.99	<=33.01	Pass		
			6	23.03	1.89	24.92	<=33.01	Pass		
			13	22.96	1.89	24.85	<=33.01	Pass		
		25	0	22.97	1.89	24.86	<=33.01	Pass		
		16QAM	1852.5	1	0	23.14	1.89	25.03	<=33.01	Pass
					13	22.78	1.89	24.67	<=33.01	Pass
	24				22.72	1.89	24.61	<=33.01	Pass	
12	0			21.98	1.89	23.87	<=33.01	Pass		
	6			21.89	1.89	23.78	<=33.01	Pass		
	13			21.71	1.89	23.60	<=33.01	Pass		
25	0			21.86	1.89	23.75	<=33.01	Pass		
1880	1			0	23.60	1.89	25.49	<=33.01	Pass	
				13	23.35	1.89	25.24	<=33.01	Pass	
			24	23.42	1.89	25.31	<=33.01	Pass		
	12		0	22.11	1.89	24.00	<=33.01	Pass		
			6	22.10	1.89	23.99	<=33.01	Pass		
			13	22.07	1.89	23.96	<=33.01	Pass		
25	0		22.03	1.89	23.92	<=33.01	Pass			
1907.5	1		0	23.19	1.89	25.08	<=33.01	Pass		
			13	22.98	1.89	24.87	<=33.01	Pass		
			24	22.96	1.89	24.85	<=33.01	Pass		
	12		0	22.23	1.89	24.12	<=33.01	Pass		
		6	22.20	1.89	24.09	<=33.01	Pass			
		13	22.15	1.89	24.04	<=33.01	Pass			
	25	0	22.20	1.89	24.09	<=33.01	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B2_10MHz_EIRP

Band: 2 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.21	1.89	26.10	<=33.01	Pass
			25	23.25	1.89	25.14	<=33.01	Pass
			49	23.62	1.89	25.51	<=33.01	Pass
		25	0	22.52	1.89	24.41	<=33.01	Pass
			13	22.32	1.89	24.21	<=33.01	Pass
			25	22.28	1.89	24.17	<=33.01	Pass
		50	0	22.29	1.89	24.18	<=33.01	Pass
	1880	1	0	24.76	1.89	26.65	<=33.01	Pass
			25	24.25	1.89	26.14	<=33.01	Pass
			49	24.51	1.89	26.40	<=33.01	Pass
		25	0	23.40	1.89	25.29	<=33.01	Pass
			13	23.34	1.89	25.23	<=33.01	Pass
			25	23.31	1.89	25.20	<=33.01	Pass
		50	0	23.30	1.89	25.19	<=33.01	Pass
	1905	1	0	24.47	1.89	26.36	<=33.01	Pass
			25	24.14	1.89	26.03	<=33.01	Pass
			49	24.40	1.89	26.29	<=33.01	Pass
		25	0	23.03	1.89	24.92	<=33.01	Pass
			13	23.21	1.89	25.10	<=33.01	Pass
			25	23.16	1.89	25.05	<=33.01	Pass
		50	0	23.52	1.89	25.41	<=33.01	Pass
16QAM	1855	1	0	24.46	1.89	26.35	<=33.01	Pass
			25	23.53	1.89	25.42	<=33.01	Pass
			49	23.83	1.89	25.72	<=33.01	Pass
		12	0	23.39	1.89	25.28	<=33.01	Pass
			19	22.93	1.89	24.82	<=33.01	Pass
			38	23.11	1.89	25.00	<=33.01	Pass
		27	0	21.98	1.89	23.87	<=33.01	Pass
	1880	1	0	23.84	1.89	25.73	<=33.01	Pass
			25	23.32	1.89	25.21	<=33.01	Pass
			49	23.51	1.89	25.40	<=33.01	Pass
		12	0	23.55	1.89	25.44	<=33.01	Pass
			19	23.26	1.89	25.15	<=33.01	Pass
			38	23.37	1.89	25.26	<=33.01	Pass
		27	0	22.28	1.89	24.17	<=33.01	Pass
	1905	1	0	23.74	1.89	25.63	<=33.01	Pass
			25	23.37	1.89	25.26	<=33.01	Pass
			49	23.53	1.89	25.42	<=33.01	Pass
		12	0	23.40	1.89	25.29	<=33.01	Pass
			19	23.34	1.89	25.23	<=33.01	Pass
			38	23.47	1.89	25.36	<=33.01	Pass
		27	23	22.35	1.89	24.24	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	23.87	1.89	25.76	<=33.01	Pass
			38	23.36	1.89	25.25	<=33.01	Pass
			74	23.64	1.89	25.53	<=33.01	Pass
		36	0	22.55	1.89	24.44	<=33.01	Pass
			18	22.52	1.89	24.41	<=33.01	Pass
			39	22.57	1.89	24.46	<=33.01	Pass
		75	0	22.47	1.89	24.36	<=33.01	Pass
	1880	1	0	24.12	1.89	26.01	<=33.01	Pass
			38	24.05	1.89	25.94	<=33.01	Pass
			74	23.77	1.89	25.66	<=33.01	Pass
		36	0	23.19	1.89	25.08	<=33.01	Pass
			18	23.17	1.89	25.06	<=33.01	Pass
			39	22.98	1.89	24.87	<=33.01	Pass
		75	0	23.03	1.89	24.92	<=33.01	Pass
	1902.5	1	0	24.40	1.89	26.29	<=33.01	Pass
			38	24.48	1.89	26.37	<=33.01	Pass
			74	24.36	1.89	26.25	<=33.01	Pass
		36	0	23.41	1.89	25.30	<=33.01	Pass
			18	23.40	1.89	25.29	<=33.01	Pass
			39	23.50	1.89	25.39	<=33.01	Pass
		75	0	23.26	1.89	25.15	<=33.01	Pass
16QAM	1857.5	1	0	23.31	1.89	25.20	<=33.01	Pass
			38	22.99	1.89	24.88	<=33.01	Pass
			74	23.33	1.89	25.22	<=33.01	Pass
		12	0	22.56	1.89	24.45	<=33.01	Pass
			31	22.50	1.89	24.39	<=33.01	Pass
			63	22.64	1.89	24.53	<=33.01	Pass
		27	0	21.61	1.89	23.50	<=33.01	Pass
	1880	1	0	23.31	1.89	25.20	<=33.01	Pass
			38	23.32	1.89	25.21	<=33.01	Pass
			74	23.03	1.89	24.92	<=33.01	Pass
		12	0	23.67	1.89	25.56	<=33.01	Pass
			31	23.76	1.89	25.65	<=33.01	Pass
			63	23.40	1.89	25.29	<=33.01	Pass
		27	0	22.60	1.89	24.49	<=33.01	Pass
	1902.5	1	0	23.71	1.89	25.60	<=33.01	Pass
			38	23.91	1.89	25.80	<=33.01	Pass
			74	23.80	1.89	25.69	<=33.01	Pass
		12	0	23.05	1.89	24.94	<=33.01	Pass
			31	23.32	1.89	25.21	<=33.01	Pass
			63	23.16	1.89	25.05	<=33.01	Pass
		27	48	22.42	1.89	24.31	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B2_20MHz_EIRP

Band: 2 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.76	1.89	25.65	<=33.01	Pass
			50	23.50	1.89	25.39	<=33.01	Pass
			99	23.98	1.89	25.87	<=33.01	Pass
		50	0	22.43	1.89	24.32	<=33.01	Pass
			25	22.58	1.89	24.47	<=33.01	Pass
			50	22.79	1.89	24.68	<=33.01	Pass
		100	0	22.50	1.89	24.39	<=33.01	Pass
	1880	1	0	24.03	1.89	25.92	<=33.01	Pass
			50	24.01	1.89	25.90	<=33.01	Pass
			99	23.74	1.89	25.63	<=33.01	Pass
		50	0	23.11	1.89	25.00	<=33.01	Pass
			25	23.11	1.89	25.00	<=33.01	Pass
			50	22.96	1.89	24.85	<=33.01	Pass
		100	0	22.96	1.89	24.85	<=33.01	Pass
	1900	1	0	23.78	1.89	25.67	<=33.01	Pass
			50	24.05	1.89	25.94	<=33.01	Pass
			99	24.16	1.89	26.05	<=33.01	Pass
		50	0	22.92	1.89	24.81	<=33.01	Pass
			25	23.13	1.89	25.02	<=33.01	Pass
			50	23.13	1.89	25.02	<=33.01	Pass
		100	0	22.92	1.89	24.81	<=33.01	Pass
16QAM	1860	1	0	23.21	1.89	25.10	<=33.01	Pass
			50	23.13	1.89	25.02	<=33.01	Pass
			99	23.57	1.89	25.46	<=33.01	Pass
		12	0	22.53	1.89	24.42	<=33.01	Pass
			44	22.56	1.89	24.45	<=33.01	Pass
			88	22.83	1.89	24.72	<=33.01	Pass
		27	0	21.49	1.89	23.38	<=33.01	Pass
	1880	1	0	23.31	1.89	25.20	<=33.01	Pass
			50	23.39	1.89	25.28	<=33.01	Pass
			99	23.29	1.89	25.18	<=33.01	Pass
		12	0	23.02	1.89	24.91	<=33.01	Pass
			44	23.23	1.89	25.12	<=33.01	Pass
			88	22.78	1.89	24.67	<=33.01	Pass
		27	0	22.07	1.89	23.96	<=33.01	Pass
	1900	1	0	23.07	1.89	24.96	<=33.01	Pass
			50	23.45	1.89	25.34	<=33.01	Pass
			99	23.28	1.89	25.17	<=33.01	Pass
		12	0	22.69	1.89	24.58	<=33.01	Pass
			44	23.13	1.89	25.02	<=33.01	Pass
			88	22.97	1.89	24.86	<=33.01	Pass
		27	73	22.07	1.89	23.96	<=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	3.15	23.689	0.0128	-2.5 to 2.5	Pass
					3.70	21.815	0.0118	-2.5 to 2.5	Pass
					4.26	21.100	0.0114	-2.5 to 2.5	Pass
				-30	3.70	13.275	0.0072	-2.5 to 2.5	Pass
				-20	3.70	14.849	0.0080	-2.5 to 2.5	Pass
				-10	3.70	14.133	0.0076	-2.5 to 2.5	Pass
				0	3.70	17.509	0.0095	-2.5 to 2.5	Pass
				10	3.70	4.849	0.0026	-2.5 to 2.5	Pass
				30	3.70	19.369	0.0105	-2.5 to 2.5	Pass
				40	3.70	19.355	0.0105	-2.5 to 2.5	Pass
				50	3.70	20.700	0.0112	-2.5 to 2.5	Pass
	1880	6	0	20	3.15	25.506	0.0136	-2.5 to 2.5	Pass
					3.70	-31.357	-0.0167	-2.5 to 2.5	Pass
					4.26	-27.409	-0.0146	-2.5 to 2.5	Pass
				-30	3.70	-21.715	-0.0116	-2.5 to 2.5	Pass
				-20	3.70	-20.556	-0.0109	-2.5 to 2.5	Pass
				-10	3.70	-24.977	-0.0133	-2.5 to 2.5	Pass
				0	3.70	-24.076	-0.0128	-2.5 to 2.5	Pass
				10	3.70	-22.817	-0.0121	-2.5 to 2.5	Pass
				30	3.70	-24.190	-0.0129	-2.5 to 2.5	Pass
				40	3.70	-20.671	-0.0110	-2.5 to 2.5	Pass
				50	3.70	-19.498	-0.0104	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.15	11.072	0.0058	-2.5 to 2.5	Pass
					3.70	-14.834	-0.0078	-2.5 to 2.5	Pass
					4.26	-4.320	-0.0023	-2.5 to 2.5	Pass
				-30	3.70	13.604	0.0071	-2.5 to 2.5	Pass
				-20	3.70	15.435	0.0081	-2.5 to 2.5	Pass
				-10	3.70	23.074	0.0121	-2.5 to 2.5	Pass
				0	3.70	7.796	0.0041	-2.5 to 2.5	Pass
				10	3.70	20.256	0.0106	-2.5 to 2.5	Pass
				30	3.70	21.486	0.0113	-2.5 to 2.5	Pass
				40	3.70	21.315	0.0112	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.15	-20.156	-0.0109	-2.5 to 2.5	Pass
					3.70	-20.113	-0.0109	-2.5 to 2.5	Pass
					4.26	17.695	0.0096	-2.5 to 2.5	Pass
				-30	3.70	22.073	0.0119	-2.5 to 2.5	Pass
				-20	3.70	18.797	0.0102	-2.5 to 2.5	Pass
				-10	3.70	20.943	0.0113	-2.5 to 2.5	Pass
				0	3.70	16.308	0.0088	-2.5 to 2.5	Pass
				10	3.70	19.684	0.0106	-2.5 to 2.5	Pass
				30	3.70	18.153	0.0098	-2.5 to 2.5	Pass
				40	3.70	-21.787	-0.0118	-2.5 to 2.5	Pass
				50	3.70	17.610	0.0095	-2.5 to 2.5	Pass
	1880	6	0	20	3.15	-8.869	-0.0047	-2.5 to 2.5	Pass
					3.70	-20.084	-0.0107	-2.5 to 2.5	Pass
					4.26	-24.219	-0.0129	-2.5 to 2.5	Pass
				-30	3.70	-23.632	-0.0126	-2.5 to 2.5	Pass
				-20	3.70	-25.120	-0.0134	-2.5 to 2.5	Pass
				-10	3.70	-23.675	-0.0126	-2.5 to 2.5	Pass

				0	3.70	-23.246	-0.0124	-2.5 to 2.5	Pass
				10	3.70	-24.590	-0.0131	-2.5 to 2.5	Pass
				30	3.70	-21.701	-0.0115	-2.5 to 2.5	Pass
				40	3.70	-25.649	-0.0136	-2.5 to 2.5	Pass
				50	3.70	-16.408	-0.0087	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.15	20.700	0.0108	-2.5 to 2.5	Pass
					3.70	16.222	0.0085	-2.5 to 2.5	Pass
					4.26	16.193	0.0085	-2.5 to 2.5	Pass
				-30	3.70	3.276	0.0017	-2.5 to 2.5	Pass
				-20	3.70	17.266	0.0090	-2.5 to 2.5	Pass
				-10	3.70	11.058	0.0058	-2.5 to 2.5	Pass
				0	3.70	14.291	0.0075	-2.5 to 2.5	Pass
				10	3.70	-22.073	-0.0116	-2.5 to 2.5	Pass
				30	3.70	11.444	0.0060	-2.5 to 2.5	Pass
				40	3.70	4.663	0.0024	-2.5 to 2.5	Pass
				50	3.70	17.295	0.0091	-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	3.15	-21.772	-0.0118	-2.5 to 2.5	Pass
					3.70	16.580	0.0090	-2.5 to 2.5	Pass
					4.26	15.535	0.0084	-2.5 to 2.5	Pass
				-30	3.70	21.944	0.0119	-2.5 to 2.5	Pass
				-20	3.70	19.069	0.0103	-2.5 to 2.5	Pass
				-10	3.70	21.615	0.0117	-2.5 to 2.5	Pass
				0	3.70	-4.849	-0.0026	-2.5 to 2.5	Pass
				10	3.70	20.800	0.0112	-2.5 to 2.5	Pass
				30	3.70	19.612	0.0106	-2.5 to 2.5	Pass
				40	3.70	20.070	0.0108	-2.5 to 2.5	Pass
				50	3.70	8.726	0.0047	-2.5 to 2.5	Pass
	1880	15	0	20	3.15	17.452	0.0093	-2.5 to 2.5	Pass
					3.70	18.911	0.0101	-2.5 to 2.5	Pass
					4.26	11.616	0.0062	-2.5 to 2.5	Pass
				-30	3.70	16.193	0.0086	-2.5 to 2.5	Pass
				-20	3.70	-2.518	-0.0013	-2.5 to 2.5	Pass
				-10	3.70	-2.789	-0.0015	-2.5 to 2.5	Pass
				0	3.70	24.204	0.0129	-2.5 to 2.5	Pass
				10	3.70	21.415	0.0114	-2.5 to 2.5	Pass
				30	3.70	19.684	0.0105	-2.5 to 2.5	Pass
				40	3.70	19.569	0.0104	-2.5 to 2.5	Pass
				50	3.70	16.580	0.0088	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.15	24.061	0.0126	-2.5 to 2.5	Pass
					3.70	22.473	0.0118	-2.5 to 2.5	Pass
					4.26	20.099	0.0105	-2.5 to 2.5	Pass
				-30	3.70	21.415	0.0112	-2.5 to 2.5	Pass
				-20	3.70	19.183	0.0101	-2.5 to 2.5	Pass
				-10	3.70	18.969	0.0099	-2.5 to 2.5	Pass
				0	3.70	19.197	0.0101	-2.5 to 2.5	Pass
				10	3.70	17.781	0.0093	-2.5 to 2.5	Pass
				30	3.70	19.383	0.0102	-2.5 to 2.5	Pass
				40	3.70	11.001	0.0058	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.15	1.602	0.0009	-2.5 to 2.5	Pass
					3.70	14.248	0.0077	-2.5 to 2.5	Pass
					4.26	-7.510	-0.0041	-2.5 to 2.5	Pass
				-30	3.70	20.528	0.0111	-2.5 to 2.5	Pass
				-20	3.70	9.785	0.0053	-2.5 to 2.5	Pass
				-10	3.70	14.906	0.0081	-2.5 to 2.5	Pass
				0	3.70	19.341	0.0104	-2.5 to 2.5	Pass
				10	3.70	-2.789	-0.0015	-2.5 to 2.5	Pass
				30	3.70	16.007	0.0086	-2.5 to 2.5	Pass
				40	3.70	-18.640	-0.0101	-2.5 to 2.5	Pass
				50	3.70	6.366	0.0034	-2.5 to 2.5	Pass
	1880	15	0	20	3.15	16.737	0.0089	-2.5 to 2.5	Pass
					3.70	19.083	0.0102	-2.5 to 2.5	Pass
					4.26	11.859	0.0063	-2.5 to 2.5	Pass
				-30	3.70	19.841	0.0106	-2.5 to 2.5	Pass
				-20	3.70	0.873	0.0005	-2.5 to 2.5	Pass
				-10	3.70	18.768	0.0100	-2.5 to 2.5	Pass
				0	3.70	17.753	0.0094	-2.5 to 2.5	Pass
				10	3.70	4.635	0.0025	-2.5 to 2.5	Pass
				30	3.70	19.627	0.0104	-2.5 to 2.5	Pass
				40	3.70	23.317	0.0124	-2.5 to 2.5	Pass
				50	3.70	3.576	0.0019	-2.5 to 2.5	Pass

	1908.5	15	0	20	3.15	-17.266	-0.0090	-2.5 to 2.5	Pass
					3.70	-21.601	-0.0113	-2.5 to 2.5	Pass
					4.26	18.311	0.0096	-2.5 to 2.5	Pass
				-30	3.70	14.348	0.0075	-2.5 to 2.5	Pass
				-20	3.70	22.116	0.0116	-2.5 to 2.5	Pass
				-10	3.70	-5.064	-0.0027	-2.5 to 2.5	Pass
				0	3.70	18.468	0.0097	-2.5 to 2.5	Pass
				10	3.70	2.317	0.0012	-2.5 to 2.5	Pass
				30	3.70	-15.364	-0.0081	-2.5 to 2.5	Pass
				40	3.70	19.856	0.0104	-2.5 to 2.5	Pass
				50	3.70	1.302	0.0007	-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	3.15	10.057	0.0054	-2.5 to 2.5	Pass
					3.70	20.442	0.0110	-2.5 to 2.5	Pass
					4.26	19.155	0.0103	-2.5 to 2.5	Pass
				-30	3.70	19.069	0.0103	-2.5 to 2.5	Pass
				-20	3.70	22.702	0.0123	-2.5 to 2.5	Pass
				-10	3.70	9.212	0.0050	-2.5 to 2.5	Pass
				0	3.70	19.212	0.0104	-2.5 to 2.5	Pass
				10	3.70	19.441	0.0105	-2.5 to 2.5	Pass
				30	3.70	18.783	0.0101	-2.5 to 2.5	Pass
				40	3.70	18.926	0.0102	-2.5 to 2.5	Pass
				50	3.70	18.182	0.0098	-2.5 to 2.5	Pass
	1880	25	0	20	3.15	20.571	0.0109	-2.5 to 2.5	Pass
					3.70	-13.061	-0.0069	-2.5 to 2.5	Pass
					4.26	12.732	0.0068	-2.5 to 2.5	Pass
				-30	3.70	9.127	0.0049	-2.5 to 2.5	Pass
				-20	3.70	21.758	0.0116	-2.5 to 2.5	Pass
				-10	3.70	-20.671	-0.0110	-2.5 to 2.5	Pass
				0	3.70	4.320	0.0023	-2.5 to 2.5	Pass
				10	3.70	3.233	0.0017	-2.5 to 2.5	Pass
				30	3.70	8.454	0.0045	-2.5 to 2.5	Pass
				40	3.70	12.360	0.0066	-2.5 to 2.5	Pass
				50	3.70	-11.258	-0.0060	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.15	18.826	0.0099	-2.5 to 2.5	Pass
					3.70	20.399	0.0107	-2.5 to 2.5	Pass
					4.26	19.498	0.0102	-2.5 to 2.5	Pass
				-30	3.70	19.712	0.0103	-2.5 to 2.5	Pass
				-20	3.70	22.001	0.0115	-2.5 to 2.5	Pass
				-10	3.70	22.316	0.0117	-2.5 to 2.5	Pass
				0	3.70	12.660	0.0066	-2.5 to 2.5	Pass
				10	3.70	7.653	0.0040	-2.5 to 2.5	Pass
				30	3.70	19.784	0.0104	-2.5 to 2.5	Pass
				40	3.70	15.864	0.0083	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.15	-2.418	-0.0013	-2.5 to 2.5	Pass
					3.70	13.776	0.0074	-2.5 to 2.5	Pass
					4.26	19.012	0.0103	-2.5 to 2.5	Pass
				-30	3.70	18.554	0.0100	-2.5 to 2.5	Pass
				-20	3.70	-14.691	-0.0079	-2.5 to 2.5	Pass
				-10	3.70	18.353	0.0099	-2.5 to 2.5	Pass
				0	3.70	12.031	0.0065	-2.5 to 2.5	Pass
				10	3.70	21.429	0.0116	-2.5 to 2.5	Pass
				30	3.70	17.753	0.0096	-2.5 to 2.5	Pass
				40	3.70	22.488	0.0121	-2.5 to 2.5	Pass
				50	3.70	22.244	0.0120	-2.5 to 2.5	Pass
	1880	25	0	20	3.15	-4.020	-0.0021	-2.5 to 2.5	Pass
					3.70	-19.269	-0.0102	-2.5 to 2.5	Pass
					4.26	-0.629	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	5.994	0.0032	-2.5 to 2.5	Pass
				-20	3.70	9.885	0.0053	-2.5 to 2.5	Pass
				-10	3.70	19.898	0.0106	-2.5 to 2.5	Pass
				0	3.70	22.001	0.0117	-2.5 to 2.5	Pass
				10	3.70	20.227	0.0108	-2.5 to 2.5	Pass
				30	3.70	20.442	0.0109	-2.5 to 2.5	Pass
				40	3.70	18.682	0.0099	-2.5 to 2.5	Pass
				50	3.70	15.321	0.0081	-2.5 to 2.5	Pass

	1907.5	25	0	20	3.15	22.416	0.0118	-2.5 to 2.5	Pass
					3.70	-1.874	-0.0010	-2.5 to 2.5	Pass
					4.26	14.963	0.0078	-2.5 to 2.5	Pass
				-30	3.70	14.663	0.0077	-2.5 to 2.5	Pass
				-20	3.70	13.690	0.0072	-2.5 to 2.5	Pass
				-10	3.70	1.287	0.0007	-2.5 to 2.5	Pass
				0	3.70	17.138	0.0090	-2.5 to 2.5	Pass
				10	3.70	20.256	0.0106	-2.5 to 2.5	Pass
				30	3.70	-2.303	-0.0012	-2.5 to 2.5	Pass
				40	3.70	-1.230	-0.0006	-2.5 to 2.5	Pass
				50	3.70	14.019	0.0073	-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	3.15	20.542	0.0111	-2.5 to 2.5	Pass
					3.70	22.888	0.0123	-2.5 to 2.5	Pass
					4.26	17.581	0.0095	-2.5 to 2.5	Pass
				-30	3.70	15.750	0.0085	-2.5 to 2.5	Pass
				-20	3.70	18.969	0.0102	-2.5 to 2.5	Pass
				-10	3.70	20.185	0.0109	-2.5 to 2.5	Pass
				0	3.70	20.742	0.0112	-2.5 to 2.5	Pass
				10	3.70	13.218	0.0071	-2.5 to 2.5	Pass
				30	3.70	15.392	0.0083	-2.5 to 2.5	Pass
				40	3.70	20.471	0.0110	-2.5 to 2.5	Pass
				50	3.70	19.240	0.0104	-2.5 to 2.5	Pass
	1880	50	0	20	3.15	18.067	0.0096	-2.5 to 2.5	Pass
					3.70	-11.401	-0.0061	-2.5 to 2.5	Pass
					4.26	20.027	0.0107	-2.5 to 2.5	Pass
				-30	3.70	-16.494	-0.0088	-2.5 to 2.5	Pass
				-20	3.70	10.343	0.0055	-2.5 to 2.5	Pass
				-10	3.70	-8.497	-0.0045	-2.5 to 2.5	Pass
				0	3.70	-2.389	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-4.892	-0.0026	-2.5 to 2.5	Pass
				30	3.70	-13.204	-0.0070	-2.5 to 2.5	Pass
				40	3.70	18.897	0.0101	-2.5 to 2.5	Pass
				50	3.70	14.248	0.0076	-2.5 to 2.5	Pass
	1905	50	0	20	3.15	21.157	0.0111	-2.5 to 2.5	Pass
					3.70	18.668	0.0098	-2.5 to 2.5	Pass
					4.26	14.005	0.0074	-2.5 to 2.5	Pass
				-30	3.70	20.227	0.0106	-2.5 to 2.5	Pass
				-20	3.70	22.302	0.0117	-2.5 to 2.5	Pass
				-10	3.70	-33.331	-0.0175	-2.5 to 2.5	Pass
				0	3.70	-24.033	-0.0126	-2.5 to 2.5	Pass
				10	3.70	-22.373	-0.0117	-2.5 to 2.5	Pass
				30	3.70	-22.531	-0.0118	-2.5 to 2.5	Pass
				40	3.70	-24.133	-0.0127	-2.5 to 2.5	Pass
16QAM	1855	27	0	20	3.15	23.317	0.0126	-2.5 to 2.5	Pass
					3.70	21.400	0.0115	-2.5 to 2.5	Pass
					4.26	22.016	0.0119	-2.5 to 2.5	Pass
				-30	3.70	21.758	0.0117	-2.5 to 2.5	Pass
				-20	3.70	13.776	0.0074	-2.5 to 2.5	Pass
				-10	3.70	19.355	0.0104	-2.5 to 2.5	Pass
				0	3.70	19.913	0.0107	-2.5 to 2.5	Pass
				10	3.70	16.980	0.0092	-2.5 to 2.5	Pass
				30	3.70	13.289	0.0072	-2.5 to 2.5	Pass
				40	3.70	21.029	0.0113	-2.5 to 2.5	Pass
				50	3.70	16.351	0.0088	-2.5 to 2.5	Pass
	1880	27	0	20	3.15	-17.166	-0.0091	-2.5 to 2.5	Pass
					3.70	5.965	0.0032	-2.5 to 2.5	Pass
					4.26	6.523	0.0035	-2.5 to 2.5	Pass
				-30	3.70	20.370	0.0108	-2.5 to 2.5	Pass
				-20	3.70	20.485	0.0109	-2.5 to 2.5	Pass
				-10	3.70	16.823	0.0089	-2.5 to 2.5	Pass
				0	3.70	12.474	0.0066	-2.5 to 2.5	Pass
				10	3.70	23.975	0.0128	-2.5 to 2.5	Pass
				30	3.70	10.886	0.0058	-2.5 to 2.5	Pass
				40	3.70	-18.296	-0.0097	-2.5 to 2.5	Pass
				50	3.70	3.819	0.0020	-2.5 to 2.5	Pass

	1905	27	23	20	3.15	-21.658	-0.0114	-2.5 to 2.5	Pass
					3.70	-20.227	-0.0106	-2.5 to 2.5	Pass
					4.26	-21.315	-0.0112	-2.5 to 2.5	Pass
				-30	3.70	-24.161	-0.0127	-2.5 to 2.5	Pass
				-20	3.70	-17.638	-0.0093	-2.5 to 2.5	Pass
				-10	3.70	-18.625	-0.0098	-2.5 to 2.5	Pass
				0	3.70	-17.581	-0.0092	-2.5 to 2.5	Pass
				10	3.70	-15.035	-0.0079	-2.5 to 2.5	Pass
				30	3.70	-19.455	-0.0102	-2.5 to 2.5	Pass
				40	3.70	-14.148	-0.0074	-2.5 to 2.5	Pass
				50	3.70	-18.210	-0.0096	-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	3.15	-19.798	-0.0107	-2.5 to 2.5	Pass
					3.70	-18.582	-0.0100	-2.5 to 2.5	Pass
					4.26	-17.910	-0.0096	-2.5 to 2.5	Pass
				-30	3.70	-5.965	-0.0032	-2.5 to 2.5	Pass
				-20	3.70	14.606	0.0079	-2.5 to 2.5	Pass
				-10	3.70	19.798	0.0107	-2.5 to 2.5	Pass
				0	3.70	15.678	0.0084	-2.5 to 2.5	Pass
				10	3.70	-20.800	-0.0112	-2.5 to 2.5	Pass
				30	3.70	-8.798	-0.0047	-2.5 to 2.5	Pass
				40	3.70	15.764	0.0085	-2.5 to 2.5	Pass
				50	3.70	20.013	0.0108	-2.5 to 2.5	Pass
	1880	75	0	20	3.15	-22.402	-0.0119	-2.5 to 2.5	Pass
					3.70	-19.355	-0.0103	-2.5 to 2.5	Pass
					4.26	-10.700	-0.0057	-2.5 to 2.5	Pass
				-30	3.70	21.801	0.0116	-2.5 to 2.5	Pass
				-20	3.70	17.452	0.0093	-2.5 to 2.5	Pass
				-10	3.70	23.088	0.0123	-2.5 to 2.5	Pass
				0	3.70	13.962	0.0074	-2.5 to 2.5	Pass
				10	3.70	-4.778	-0.0025	-2.5 to 2.5	Pass
				30	3.70	-8.326	-0.0044	-2.5 to 2.5	Pass
				40	3.70	-9.999	-0.0053	-2.5 to 2.5	Pass
				50	3.70	-7.024	-0.0037	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.15	-11.315	-0.0059	-2.5 to 2.5	Pass
					3.70	-6.351	-0.0033	-2.5 to 2.5	Pass
					4.26	-4.964	-0.0026	-2.5 to 2.5	Pass
				-30	3.70	-7.138	-0.0038	-2.5 to 2.5	Pass
				-20	3.70	-11.702	-0.0062	-2.5 to 2.5	Pass
				-10	3.70	-4.106	-0.0022	-2.5 to 2.5	Pass
				0	3.70	-9.212	-0.0048	-2.5 to 2.5	Pass
				10	3.70	-13.676	-0.0072	-2.5 to 2.5	Pass
				30	3.70	-5.407	-0.0028	-2.5 to 2.5	Pass
				40	3.70	-7.768	-0.0041	-2.5 to 2.5	Pass
16QAM	1857.5	27	0	20	3.15	19.798	0.0107	-2.5 to 2.5	Pass
					3.70	15.979	0.0086	-2.5 to 2.5	Pass
					4.26	18.396	0.0099	-2.5 to 2.5	Pass
				-30	3.70	14.048	0.0076	-2.5 to 2.5	Pass
				-20	3.70	11.544	0.0062	-2.5 to 2.5	Pass
				-10	3.70	21.458	0.0116	-2.5 to 2.5	Pass
				0	3.70	22.130	0.0119	-2.5 to 2.5	Pass
				10	3.70	19.255	0.0104	-2.5 to 2.5	Pass
				30	3.70	17.352	0.0093	-2.5 to 2.5	Pass
				40	3.70	17.381	0.0094	-2.5 to 2.5	Pass
				50	3.70	16.780	0.0090	-2.5 to 2.5	Pass
	1880	27	0	20	3.15	-1.431	-0.0008	-2.5 to 2.5	Pass
					3.70	-7.553	-0.0040	-2.5 to 2.5	Pass
					4.26	-8.154	-0.0043	-2.5 to 2.5	Pass
				-30	3.70	-7.524	-0.0040	-2.5 to 2.5	Pass
				-20	3.70	-10.629	-0.0057	-2.5 to 2.5	Pass
				-10	3.70	-3.991	-0.0021	-2.5 to 2.5	Pass
				0	3.70	-8.454	-0.0045	-2.5 to 2.5	Pass
				10	3.70	-7.653	-0.0041	-2.5 to 2.5	Pass
				30	3.70	-8.469	-0.0045	-2.5 to 2.5	Pass
				40	3.70	-11.044	-0.0059	-2.5 to 2.5	Pass
				50	3.70	-5.536	-0.0029	-2.5 to 2.5	Pass

	1902.5	27	48	20	3.15	-4.592	-0.0024	-2.5 to 2.5	Pass
					3.70	-5.779	-0.0030	-2.5 to 2.5	Pass
					4.26	-1.345	-0.0007	-2.5 to 2.5	Pass
				-30	3.70	-6.881	-0.0036	-2.5 to 2.5	Pass
				-20	3.70	-7.410	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	-5.536	-0.0029	-2.5 to 2.5	Pass
				0	3.70	-5.937	-0.0031	-2.5 to 2.5	Pass
				10	3.70	-6.323	-0.0033	-2.5 to 2.5	Pass
				30	3.70	-7.811	-0.0041	-2.5 to 2.5	Pass
				40	3.70	-4.678	-0.0025	-2.5 to 2.5	Pass
				50	3.70	-7.267	-0.0038	-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	3.15	-3.476	-0.0019	-2.5 to 2.5	Pass
					3.70	-1.817	-0.0010	-2.5 to 2.5	Pass
					4.26	-1.974	-0.0011	-2.5 to 2.5	Pass
				-30	3.70	-3.605	-0.0019	-2.5 to 2.5	Pass
				-20	3.70	-2.861	-0.0015	-2.5 to 2.5	Pass
				-10	3.70	-2.732	-0.0015	-2.5 to 2.5	Pass
				0	3.70	-5.050	-0.0027	-2.5 to 2.5	Pass
				10	3.70	-3.848	-0.0021	-2.5 to 2.5	Pass
				30	3.70	-4.320	-0.0023	-2.5 to 2.5	Pass
				40	3.70	-3.619	-0.0019	-2.5 to 2.5	Pass
				50	3.70	-3.119	-0.0017	-2.5 to 2.5	Pass
	1880	100	0	20	3.15	-9.227	-0.0049	-2.5 to 2.5	Pass
					3.70	-7.739	-0.0041	-2.5 to 2.5	Pass
					4.26	-11.058	-0.0059	-2.5 to 2.5	Pass
				-30	3.70	-7.339	-0.0039	-2.5 to 2.5	Pass
				-20	3.70	-6.065	-0.0032	-2.5 to 2.5	Pass
				-10	3.70	-4.392	-0.0023	-2.5 to 2.5	Pass
				0	3.70	-8.726	-0.0046	-2.5 to 2.5	Pass
				10	3.70	-7.997	-0.0043	-2.5 to 2.5	Pass
				30	3.70	-10.428	-0.0055	-2.5 to 2.5	Pass
				40	3.70	-10.757	-0.0057	-2.5 to 2.5	Pass
				50	3.70	-10.428	-0.0055	-2.5 to 2.5	Pass
	1900	100	0	20	3.15	-7.939	-0.0042	-2.5 to 2.5	Pass
					3.70	-3.934	-0.0021	-2.5 to 2.5	Pass
					4.26	-6.022	-0.0032	-2.5 to 2.5	Pass
				-30	3.70	-7.496	-0.0039	-2.5 to 2.5	Pass
				-20	3.70	-7.854	-0.0041	-2.5 to 2.5	Pass
				-10	3.70	-6.423	-0.0034	-2.5 to 2.5	Pass
				0	3.70	-7.153	-0.0038	-2.5 to 2.5	Pass
				10	3.70	-7.110	-0.0037	-2.5 to 2.5	Pass
				30	3.70	-6.437	-0.0034	-2.5 to 2.5	Pass
				40	3.70	-5.264	-0.0028	-2.5 to 2.5	Pass
16QAM	1860	27	0	20	3.15	-3.290	-0.0018	-2.5 to 2.5	Pass
					3.70	-3.819	-0.0021	-2.5 to 2.5	Pass
					4.26	-4.792	-0.0026	-2.5 to 2.5	Pass
				-30	3.70	-4.592	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	-0.472	-0.0003	-2.5 to 2.5	Pass
				-10	3.70	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.70	2.389	0.0013	-2.5 to 2.5	Pass
				10	3.70	-3.119	-0.0017	-2.5 to 2.5	Pass
				30	3.70	-0.272	-0.0001	-2.5 to 2.5	Pass
				40	3.70	1.073	0.0006	-2.5 to 2.5	Pass
				50	3.70	0.830	0.0004	-2.5 to 2.5	Pass
	1880	27	0	20	3.15	-7.081	-0.0038	-2.5 to 2.5	Pass
					3.70	-15.049	-0.0080	-2.5 to 2.5	Pass
					4.26	-6.881	-0.0037	-2.5 to 2.5	Pass
				-30	3.70	-10.486	-0.0056	-2.5 to 2.5	Pass
				-20	3.70	-3.462	-0.0018	-2.5 to 2.5	Pass
				-10	3.70	-9.184	-0.0049	-2.5 to 2.5	Pass
				0	3.70	-8.926	-0.0047	-2.5 to 2.5	Pass
				10	3.70	-13.289	-0.0071	-2.5 to 2.5	Pass
				30	3.70	-11.201	-0.0060	-2.5 to 2.5	Pass
				40	3.70	-5.078	-0.0027	-2.5 to 2.5	Pass
				50	3.70	-3.633	-0.0019	-2.5 to 2.5	Pass

	1900	27	73	20	3.15	-11.029	-0.0058	-2.5 to 2.5	Pass
					3.70	1.488	0.0008	-2.5 to 2.5	Pass
					4.26	-9.770	-0.0051	-2.5 to 2.5	Pass
				-30	3.70	-5.393	-0.0028	-2.5 to 2.5	Pass
				-20	3.70	-2.890	-0.0015	-2.5 to 2.5	Pass
				-10	3.70	-5.980	-0.0031	-2.5 to 2.5	Pass
				0	3.70	-2.460	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-7.982	-0.0042	-2.5 to 2.5	Pass
				30	3.70	0.672	0.0004	-2.5 to 2.5	Pass
				40	3.70	-9.656	-0.0051	-2.5 to 2.5	Pass
				50	3.70	-4.964	-0.0026	-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	27	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

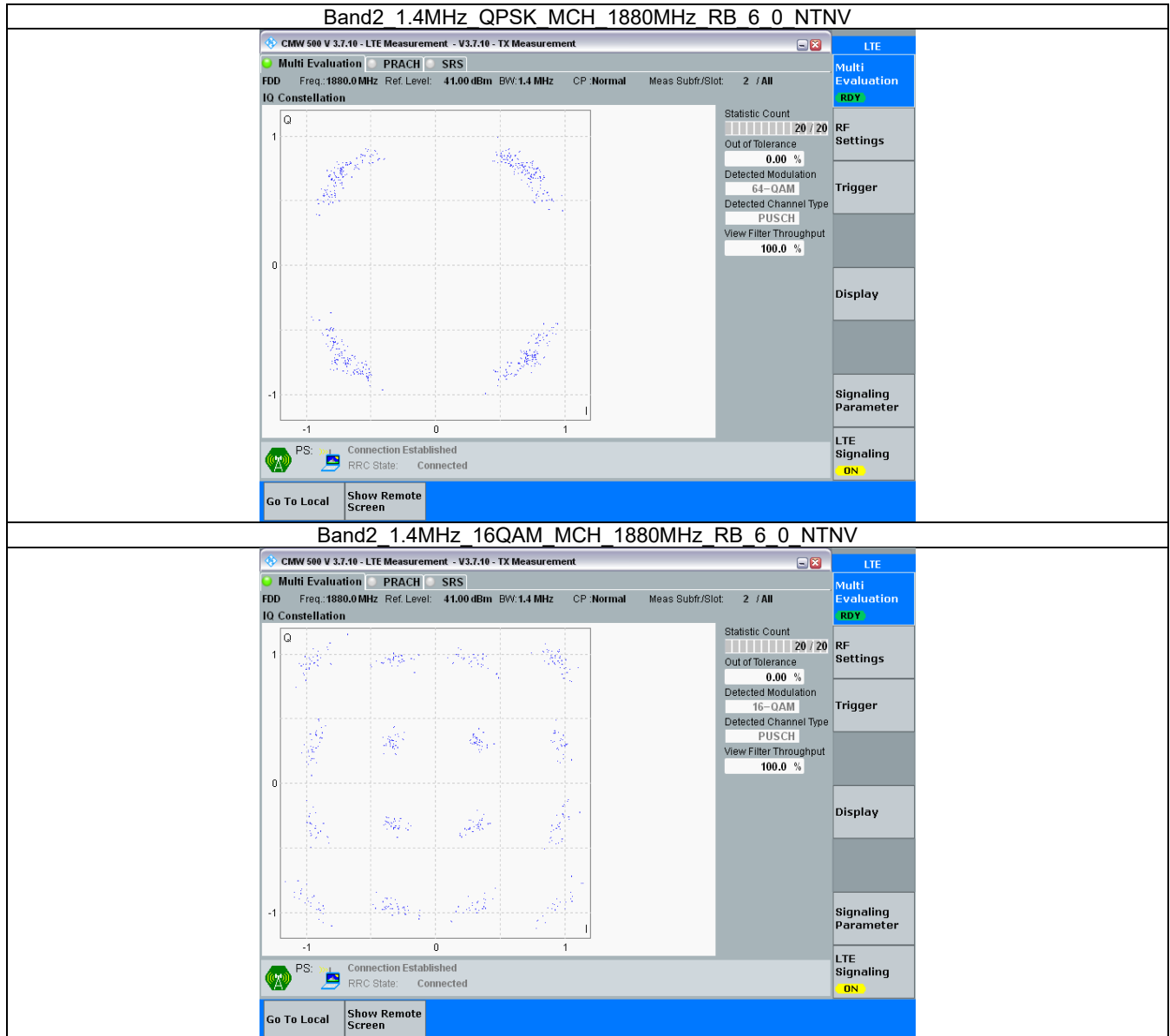
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

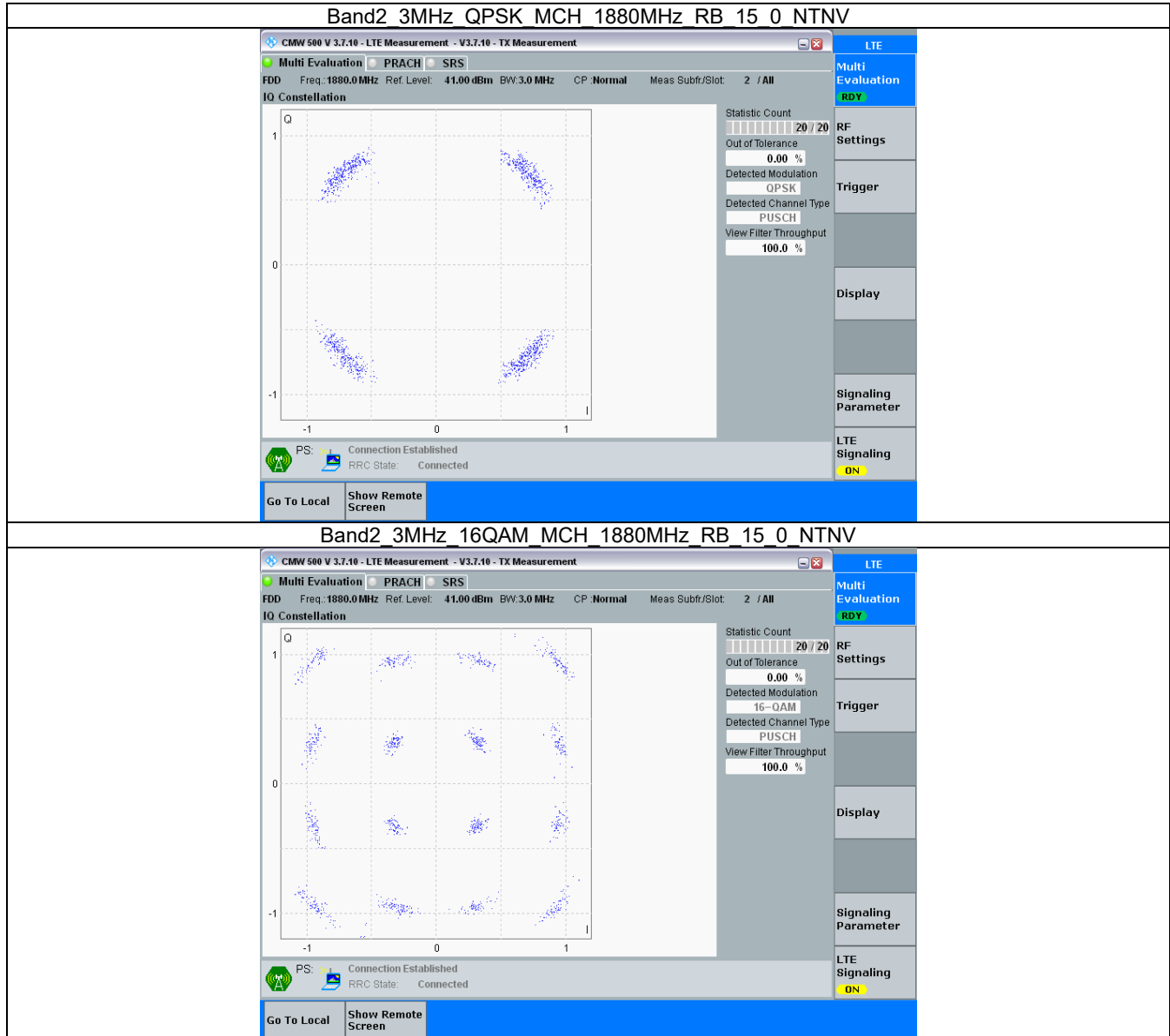
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	27	0	Refer To Test Graph		Pass

3.2 Test Graph

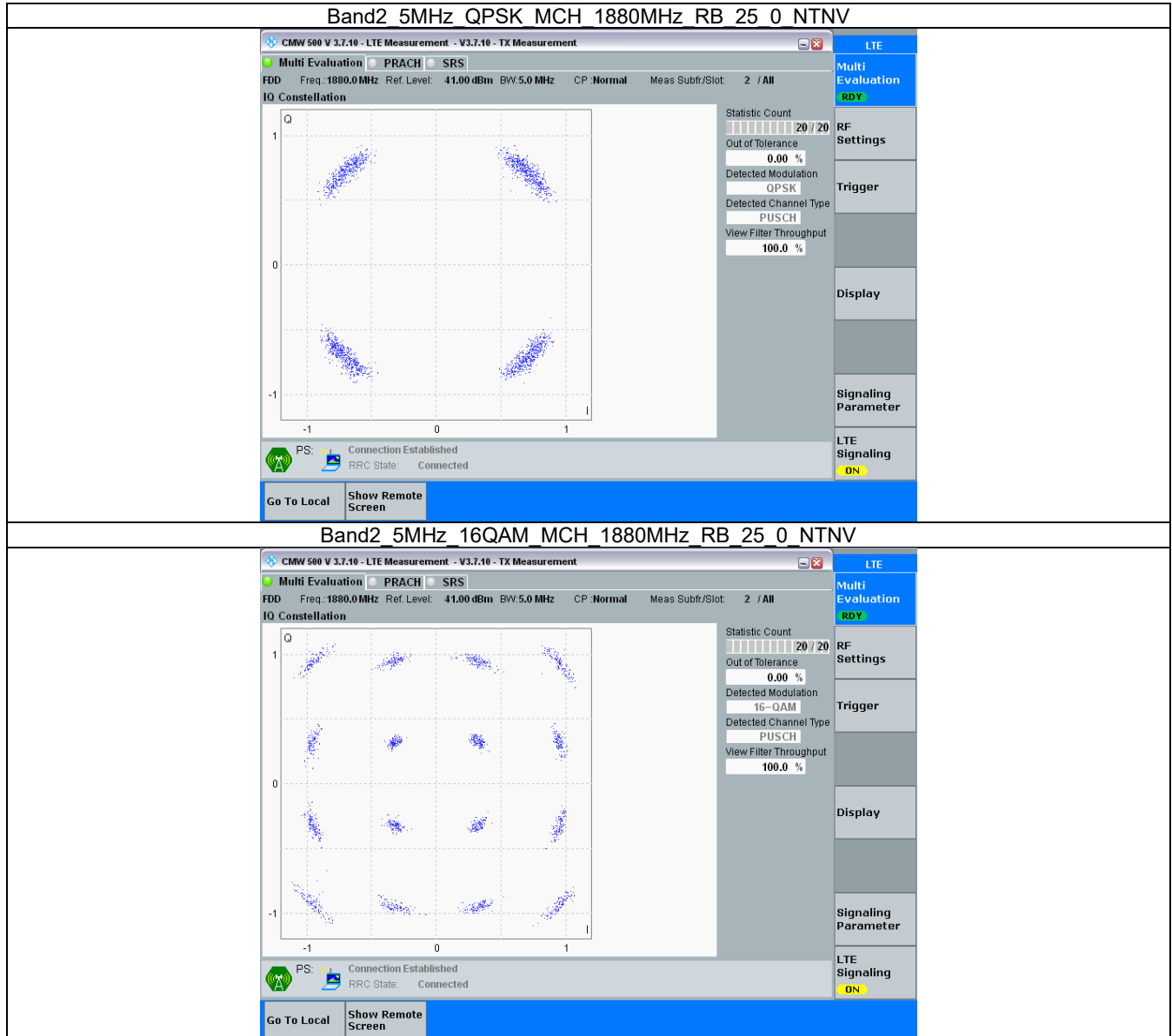
3.2.1 B2_1.4MHz



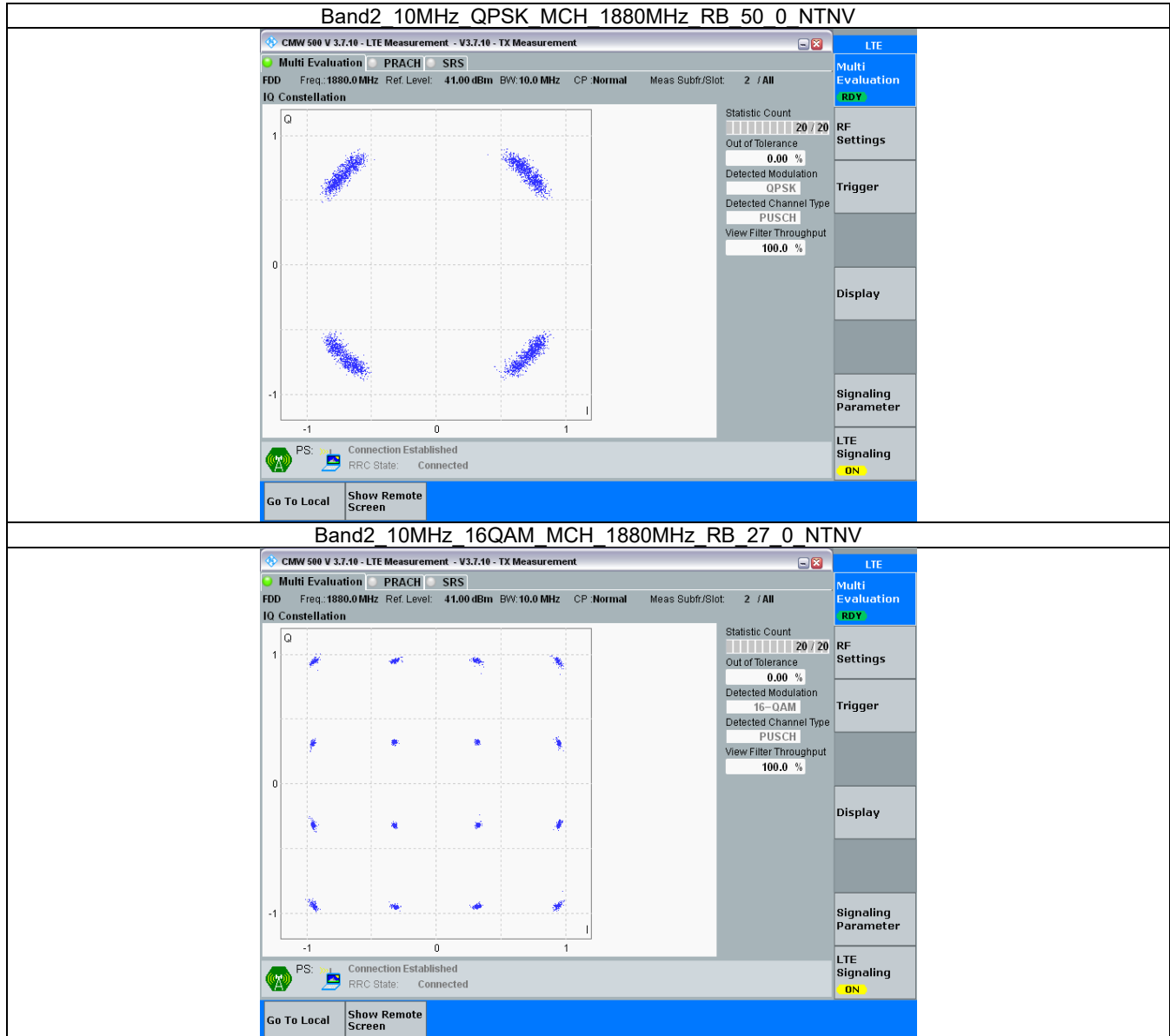
3.2.2 B2_3MHz



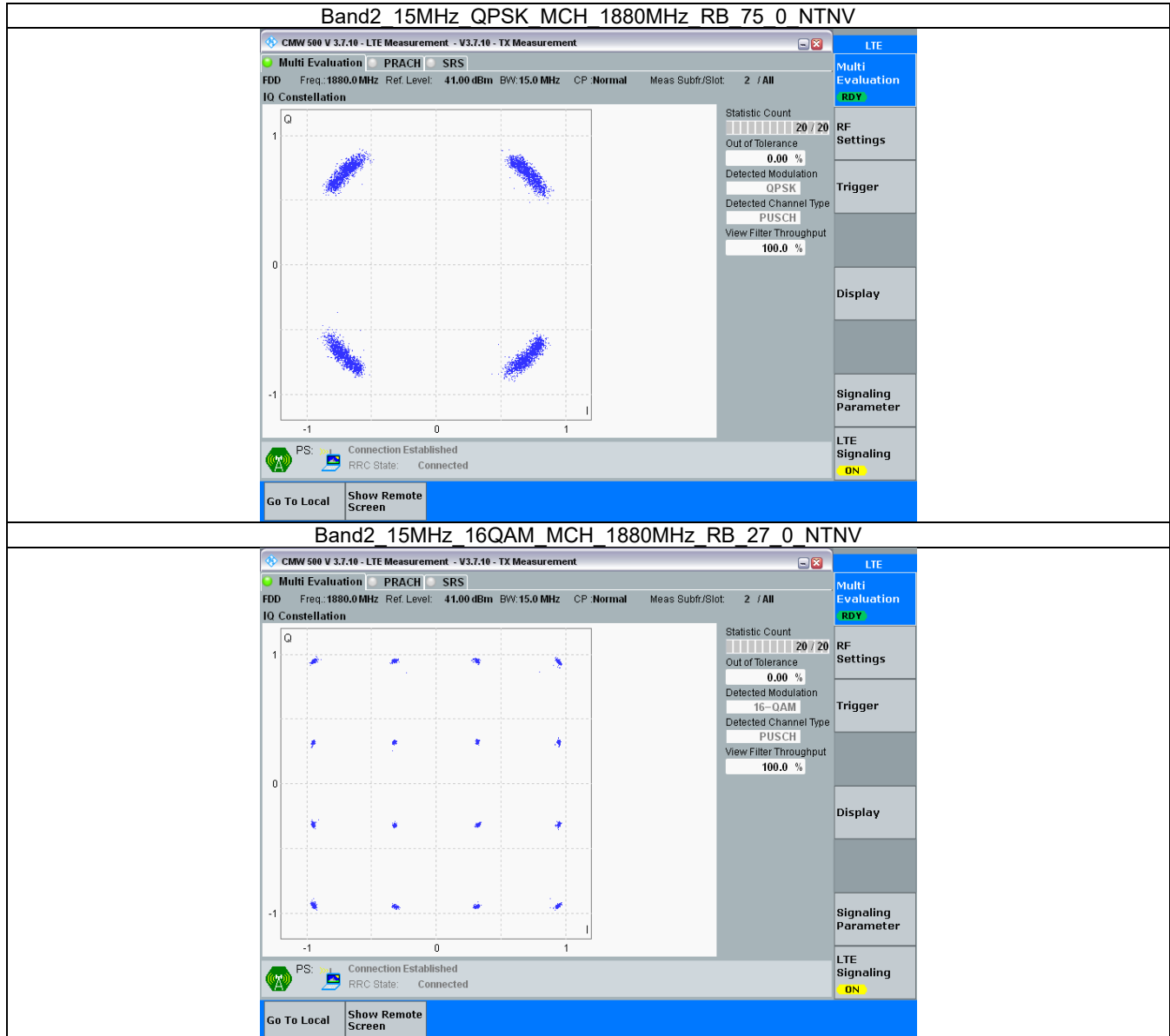
3.2.3 B2_5MHz



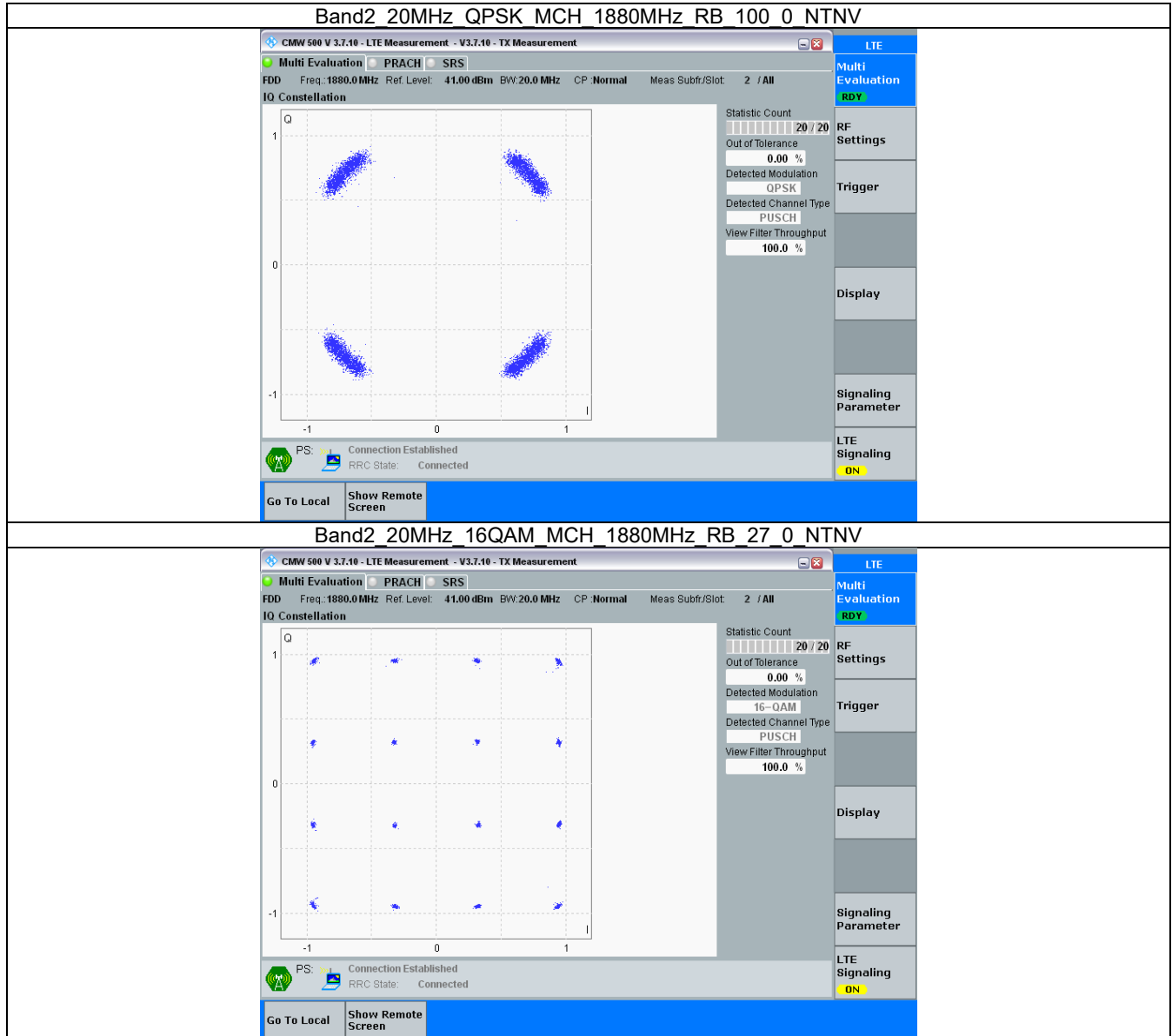
3.2.4 B2_10MHz



3.2.5 B2_15MHz



3.2.6 B2_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band2_OBW

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.118	/	Pass
		1880	6	0	1.114	/	Pass
		1909.3	6	0	1.438	/	Pass
	16QAM	1850.7	6	0	1.117	/	Pass
		1880	6	0	1.113	/	Pass
		1909.3	6	0	1.380	/	Pass
3	QPSK	1851.5	15	0	2.730	/	Pass
		1880	15	0	2.727	/	Pass
		1908.5	15	0	2.834	/	Pass
	16QAM	1851.5	15	0	2.725	/	Pass
		1880	15	0	2.723	/	Pass
		1908.5	15	0	2.759	/	Pass
5	QPSK	1852.5	25	0	4.540	/	Pass
		1880	25	0	4.548	/	Pass
		1907.5	25	0	4.562	/	Pass
	16QAM	1852.5	25	0	4.550	/	Pass
		1880	25	0	4.534	/	Pass
		1907.5	25	0	4.561	/	Pass
10	QPSK	1855	50	0	9.064	/	Pass
		1880	50	0	9.039	/	Pass
		1905	50	0	9.066	/	Pass
	16QAM	1855	27	0	5.073	/	Pass
		1880	27	0	5.076	/	Pass
		1905	27	23	5.083	/	Pass
15	QPSK	1857.5	75	0	13.554	/	Pass
		1880	75	0	13.542	/	Pass
		1902.5	75	0	13.672	/	Pass
	16QAM	1857.5	27	0	5.372	/	Pass
		1880	27	0	5.324	/	Pass
		1902.5	27	48	5.280	/	Pass
20	QPSK	1860	100	0	18.159	/	Pass
		1880	100	0	18.088	/	Pass
		1900	100	0	18.266	/	Pass
	16QAM	1860	27	0	5.562	/	Pass
		1880	27	0	5.569	/	Pass
		1900	27	73	5.568	/	Pass

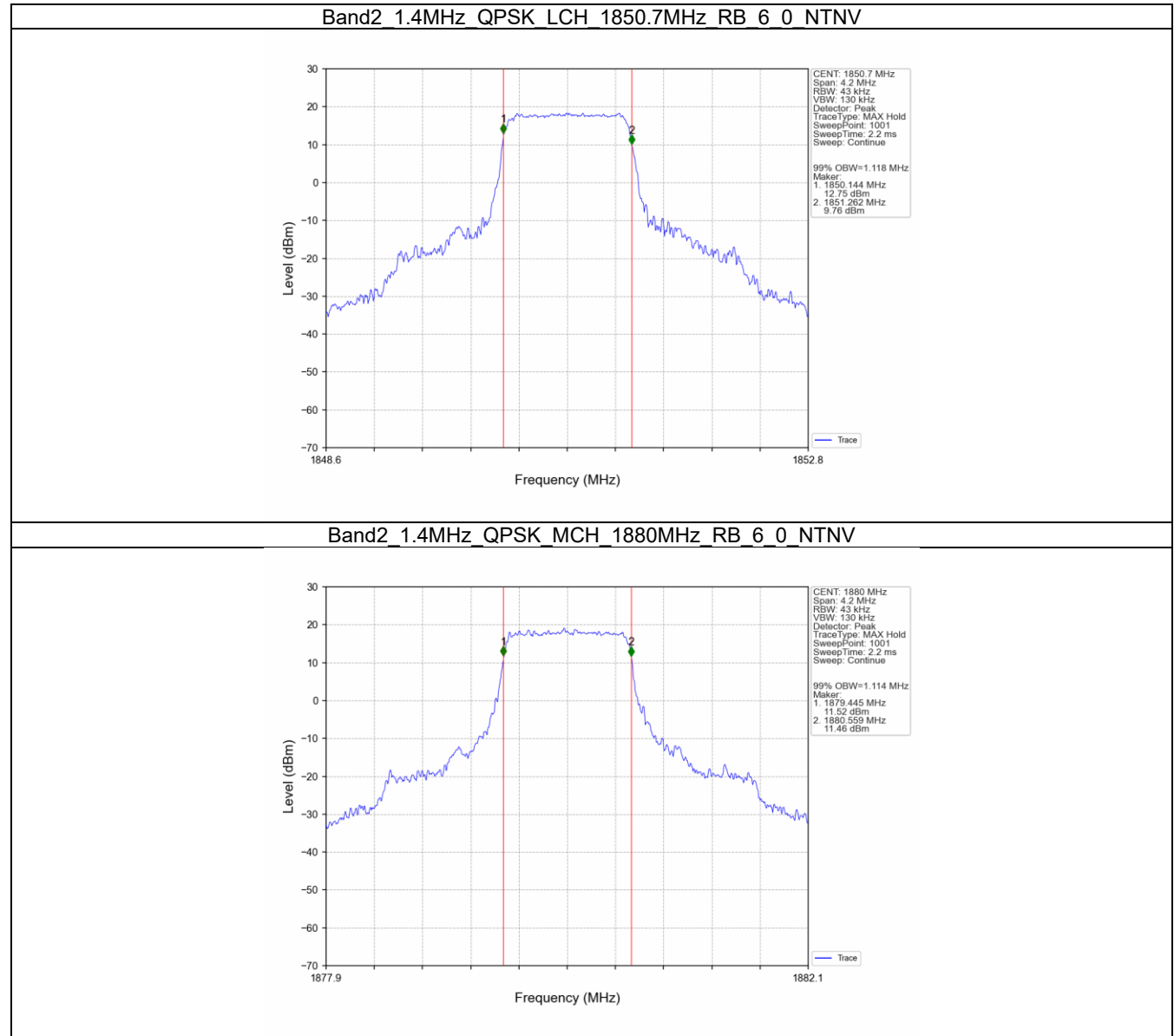
4.1.2 Band2_XDB

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.362	/	Pass
		1880	6	0	1.404	/	Pass
		1909.3	6	0	2.313	/	Pass
	16QAM	1850.7	6	0	1.362	/	Pass
		1880	6	0	1.430	/	Pass
		1909.3	6	0	2.260	/	Pass
3	QPSK	1851.5	15	0	2.996	/	Pass

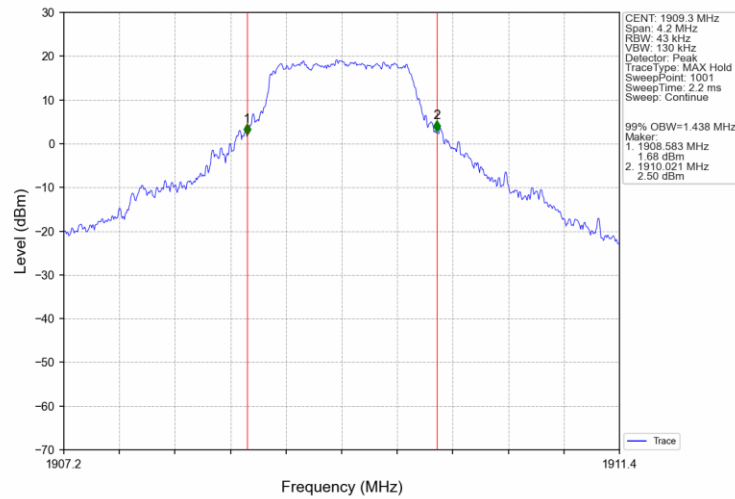
	16QAM	1880	15	0	3.015	/	Pass
		1908.5	15	0	4.857	/	Pass
		1851.5	15	0	2.990	/	Pass
		1880	15	0	2.987	/	Pass
		1908.5	15	0	3.458	/	Pass
5	QPSK	1852.5	25	0	5.041	/	Pass
		1880	25	0	5.009	/	Pass
		1907.5	25	0	5.069	/	Pass
	16QAM	1852.5	25	0	5.038	/	Pass
		1880	25	0	5.000	/	Pass
		1907.5	25	0	5.115	/	Pass
10	QPSK	1855	50	0	9.956	/	Pass
		1880	50	0	9.947	/	Pass
		1905	50	0	9.930	/	Pass
	16QAM	1855	27	0	6.216	/	Pass
		1880	27	0	6.051	/	Pass
		1905	27	23	6.010	/	Pass
15	QPSK	1857.5	75	0	14.972	/	Pass
		1880	75	0	14.886	/	Pass
		1902.5	75	0	14.976	/	Pass
	16QAM	1857.5	27	0	7.579	/	Pass
		1880	27	0	6.594	/	Pass
		1902.5	27	48	6.470	/	Pass
20	QPSK	1860	100	0	19.706	/	Pass
		1880	100	0	19.673	/	Pass
		1900	100	0	19.713	/	Pass
	16QAM	1860	27	0	7.091	/	Pass
		1880	27	0	7.082	/	Pass
		1900	27	73	7.065	/	Pass

4.2 Test Graph

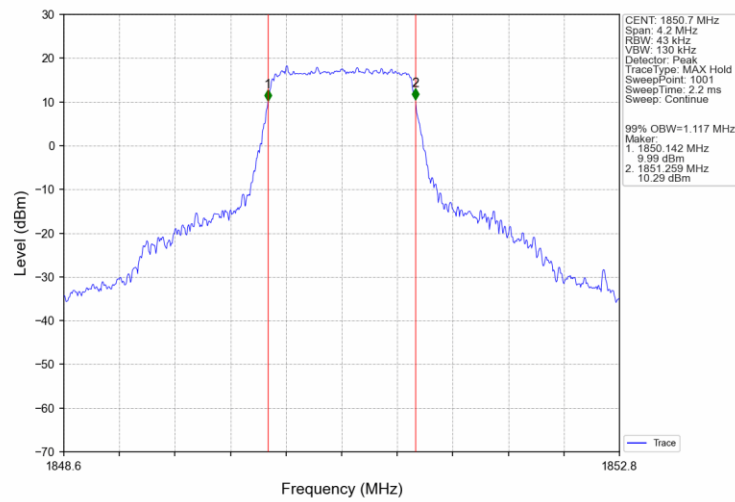
4.2.1 Band2_OBW



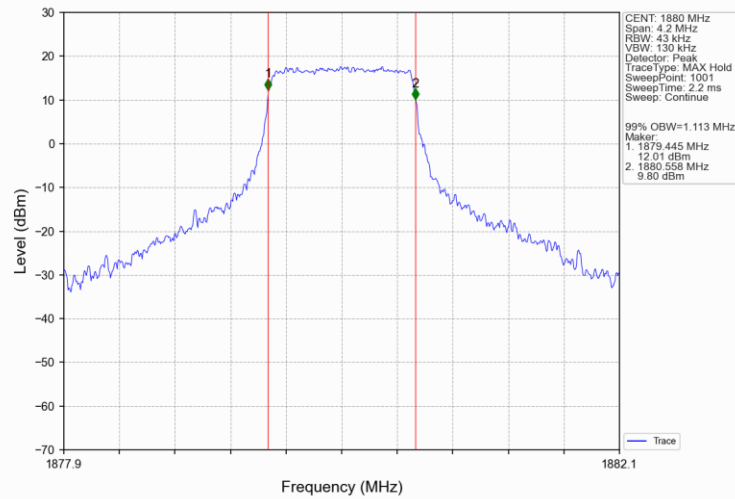
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



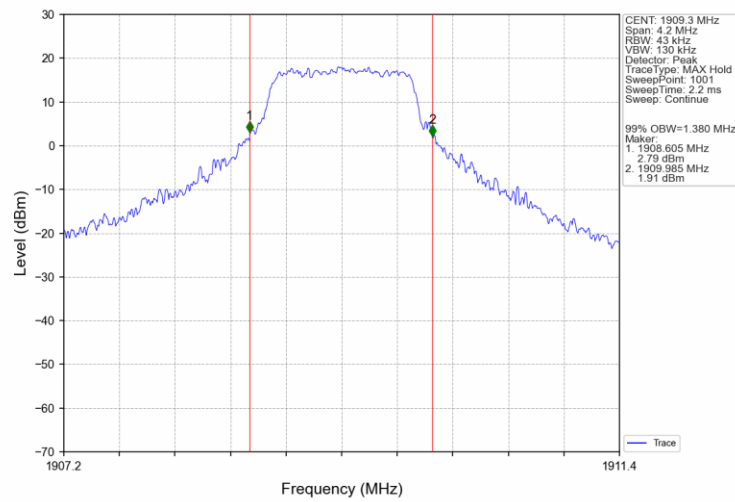
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



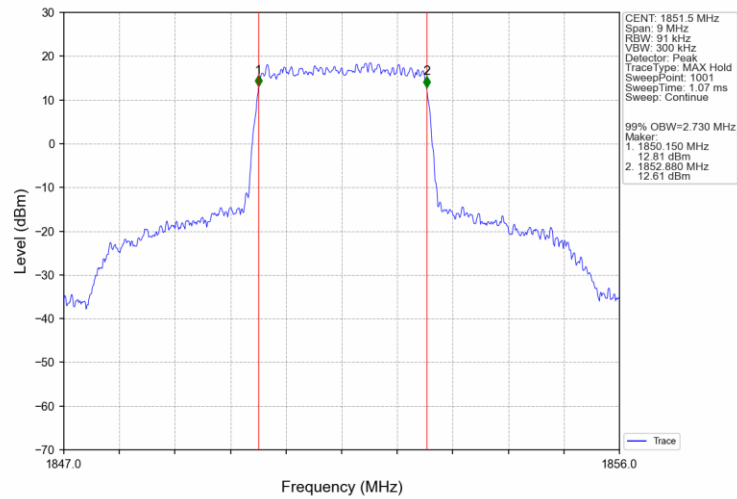
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



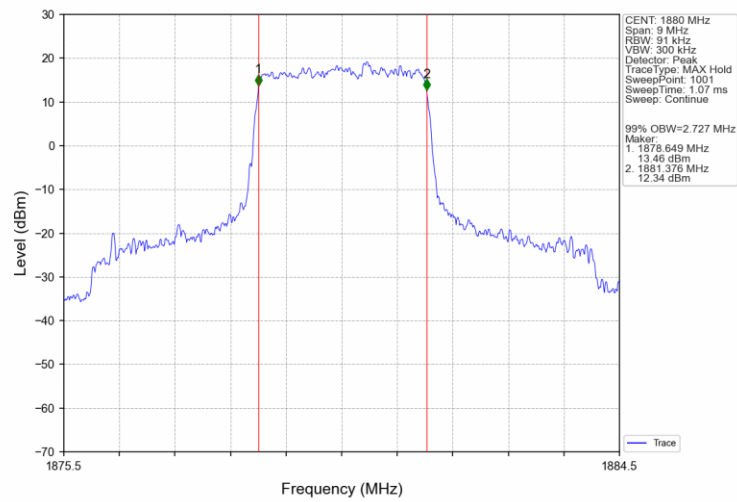
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



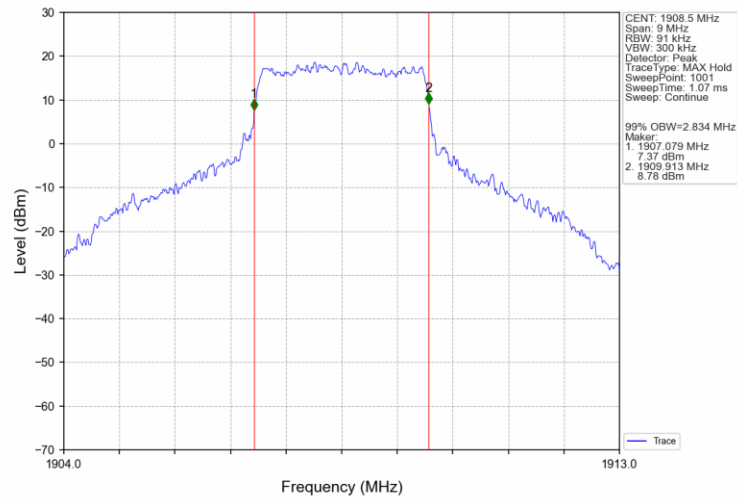
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



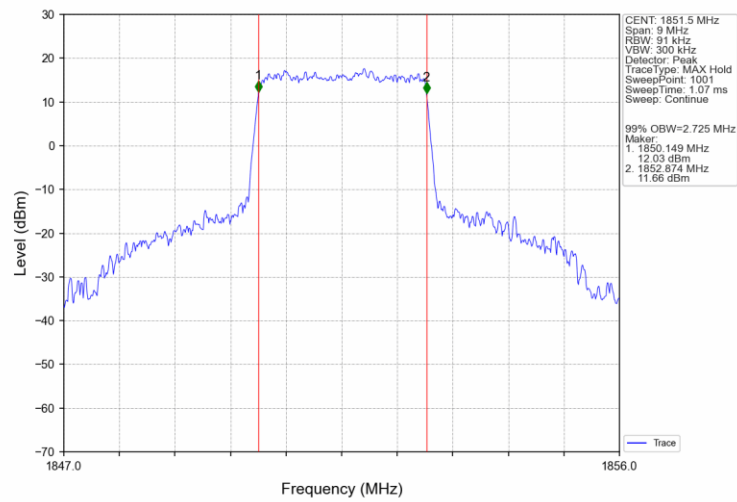
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



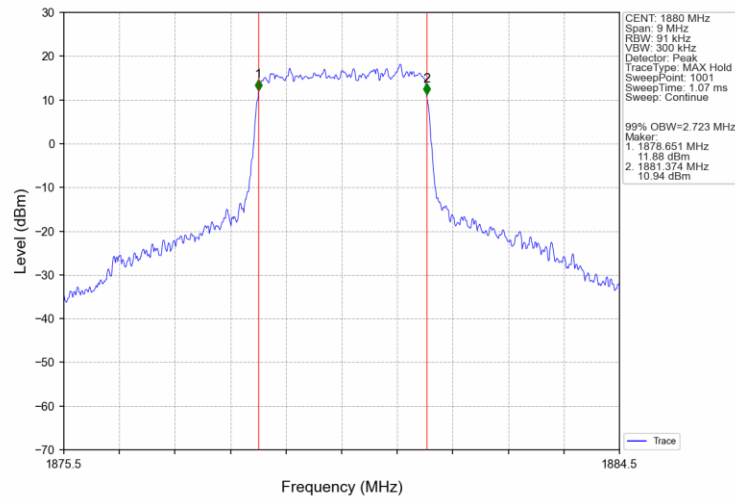
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



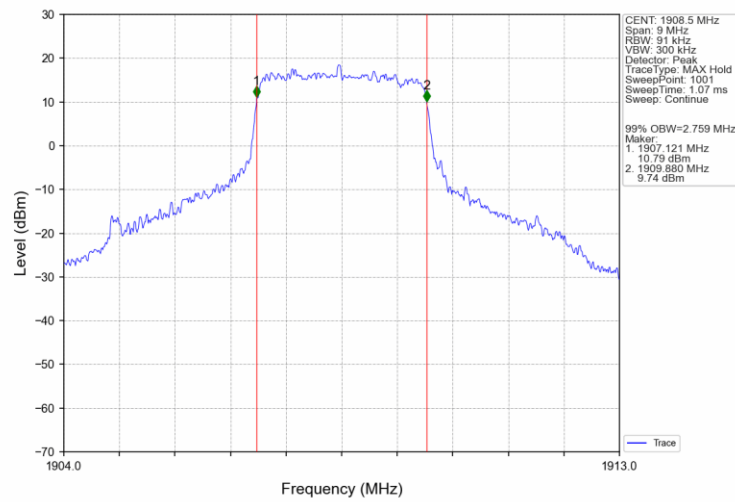
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



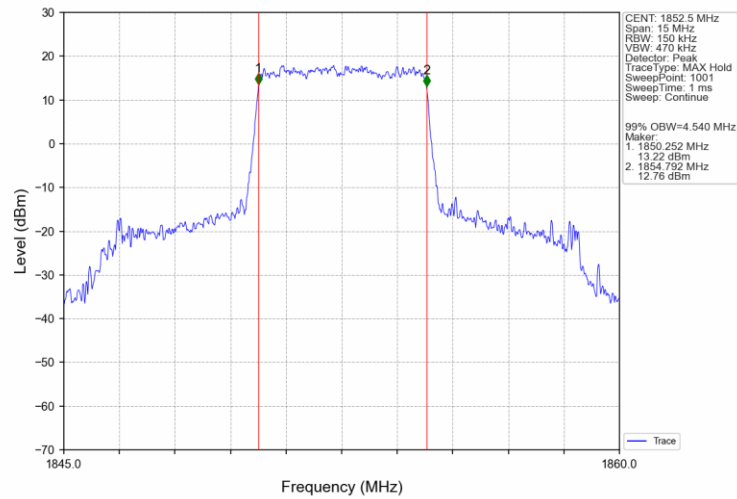
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



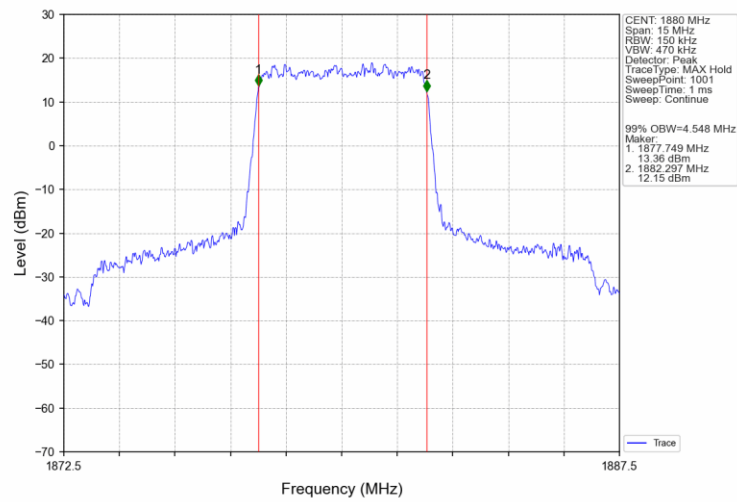
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



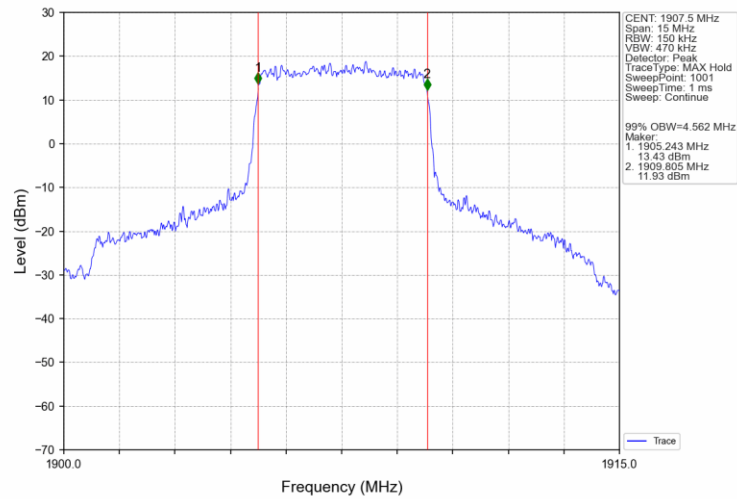
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



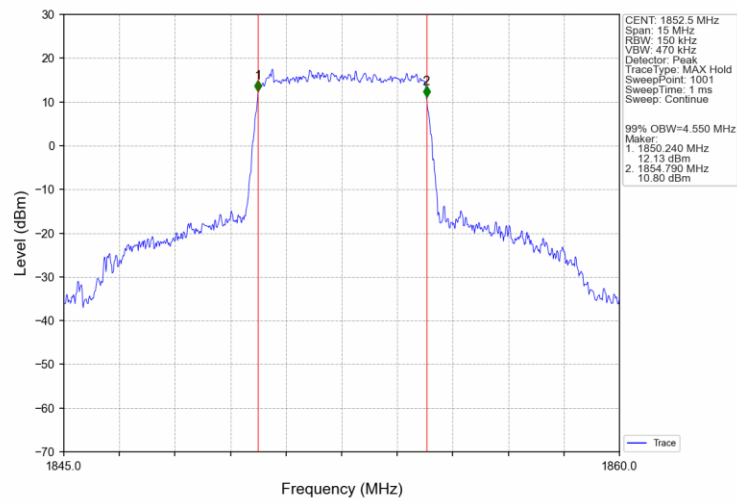
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



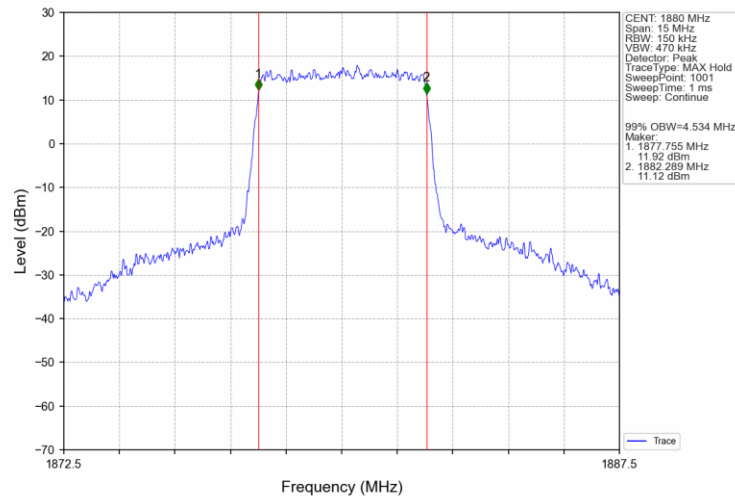
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



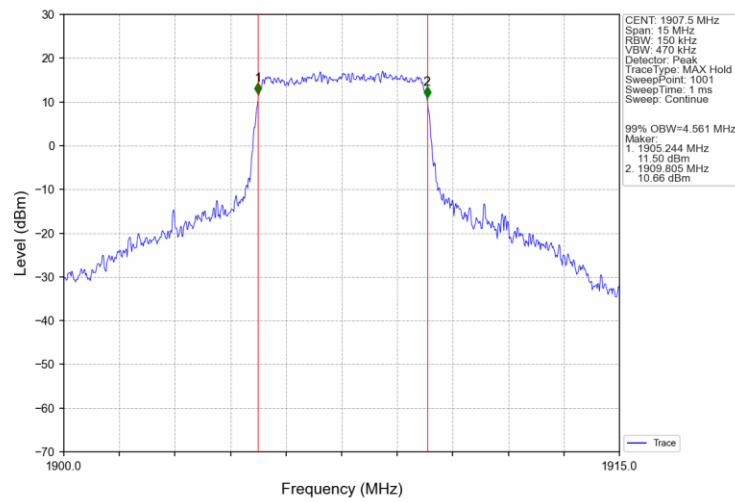
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



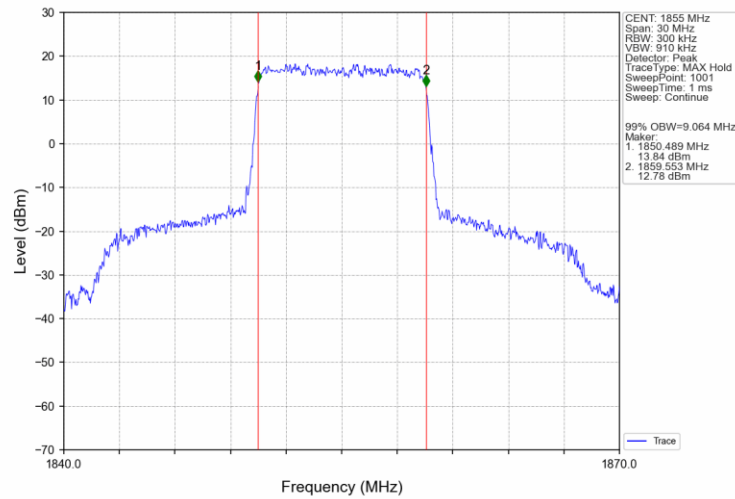
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTV



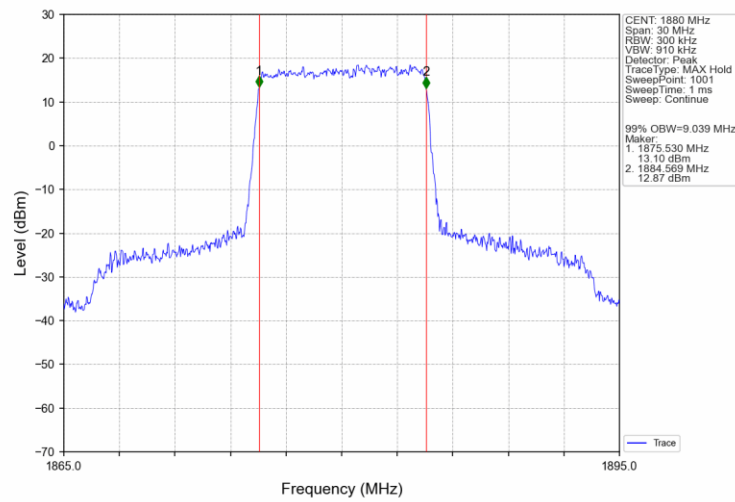
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTV



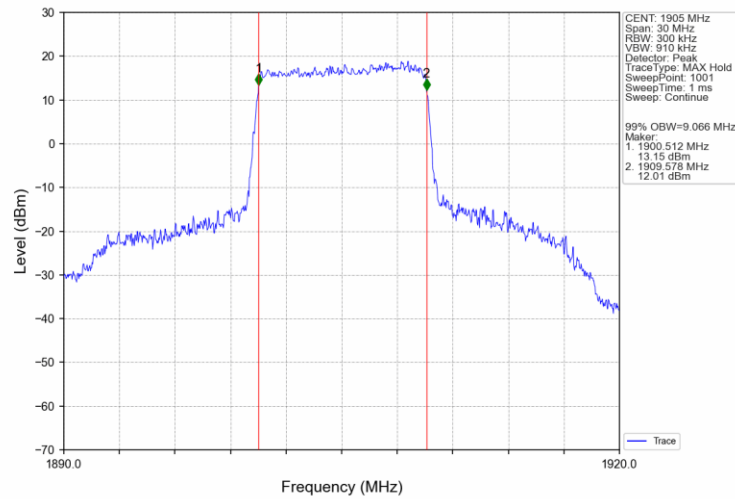
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



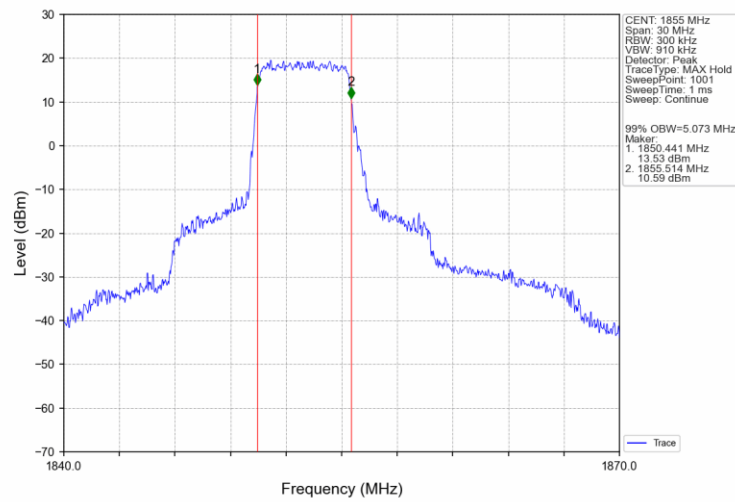
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



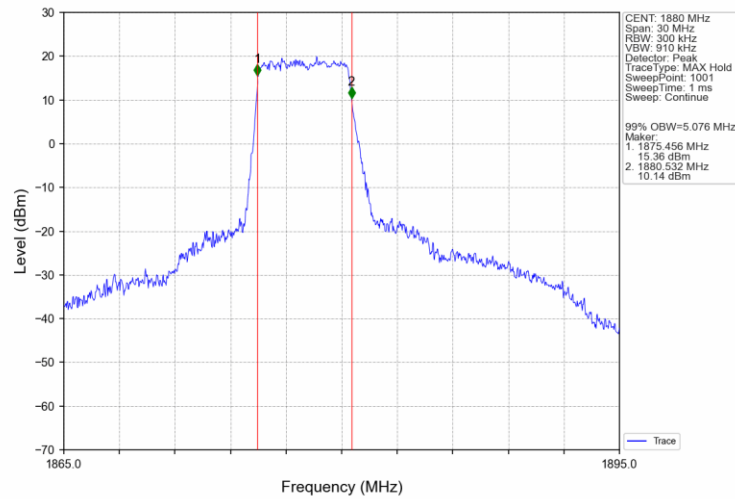
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



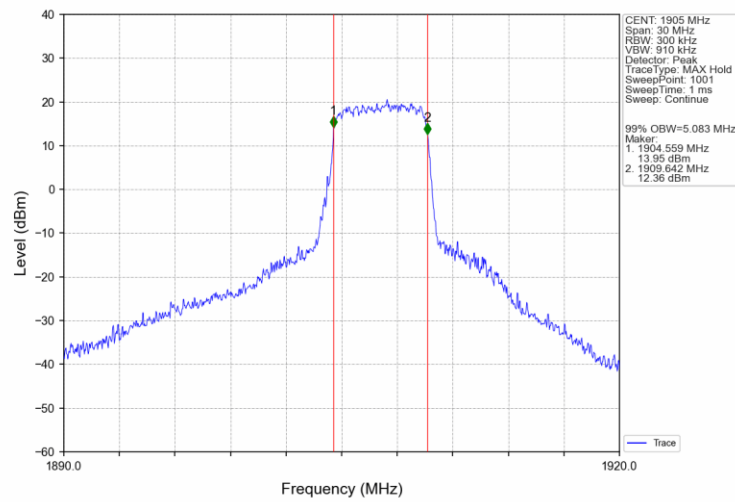
Band2 10MHz 16QAM LCH 1855MHz RB 27 0 NTN



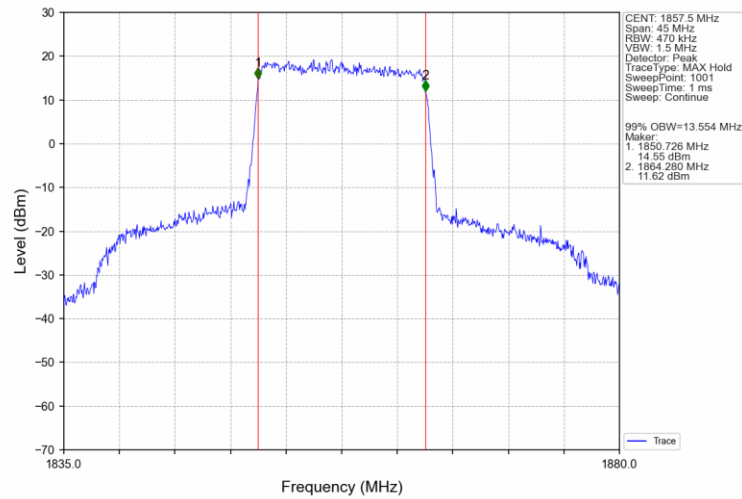
Band2 10MHz 16QAM MCH 1880MHz RB 27 0 NTNV



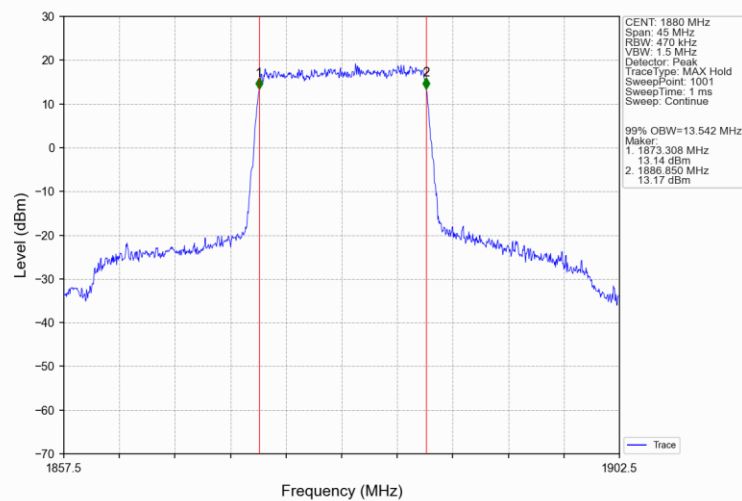
Band2 10MHz 16QAM HCH 1905MHz RB 27 23 NTNV



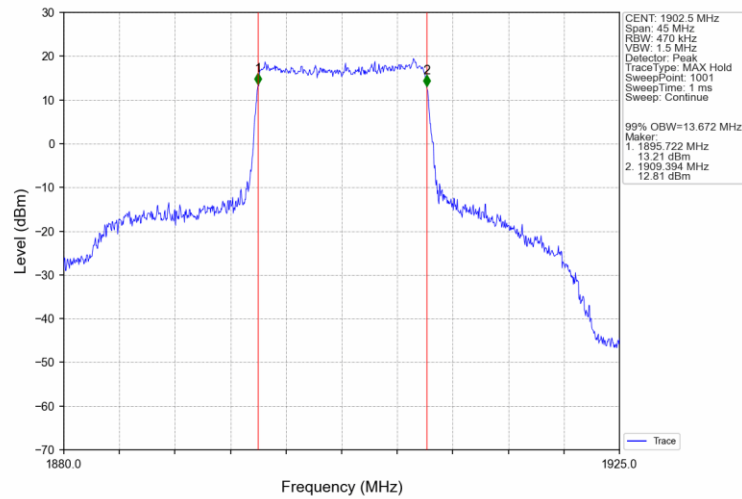
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



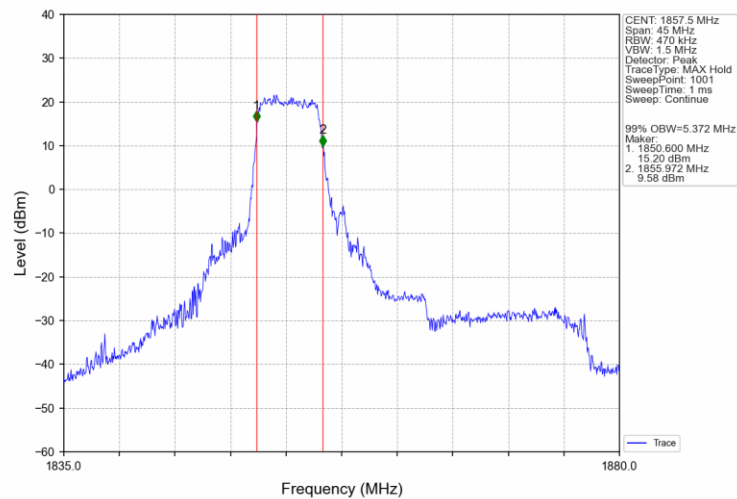
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



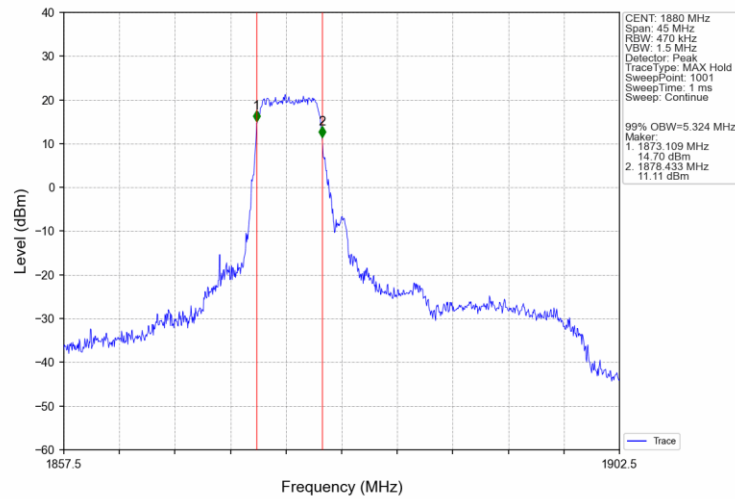
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



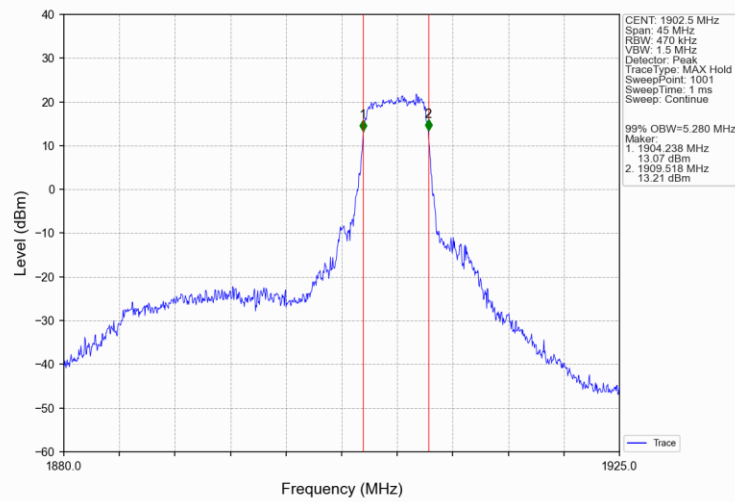
Band2 15MHz 16QAM LCH 1857.5MHz RB 27 0 NTNV



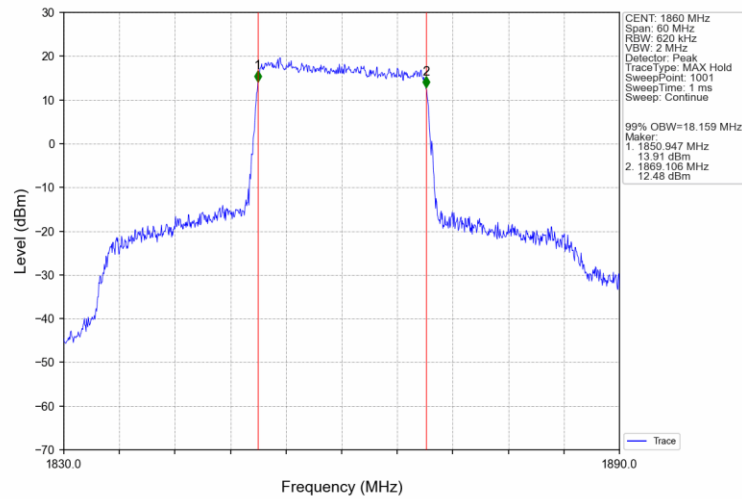
Band2 15MHz 16QAM MCH 1880MHz RB 27 0 NTNV



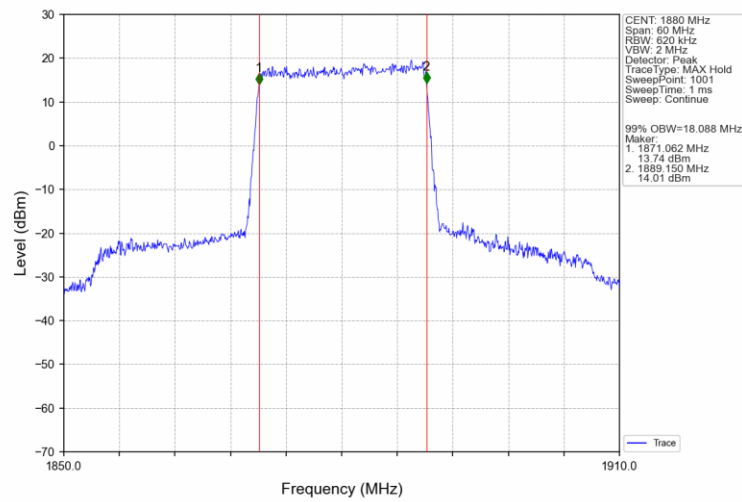
Band2 15MHz 16QAM HCH 1902.5MHz RB 27 48 NTNV



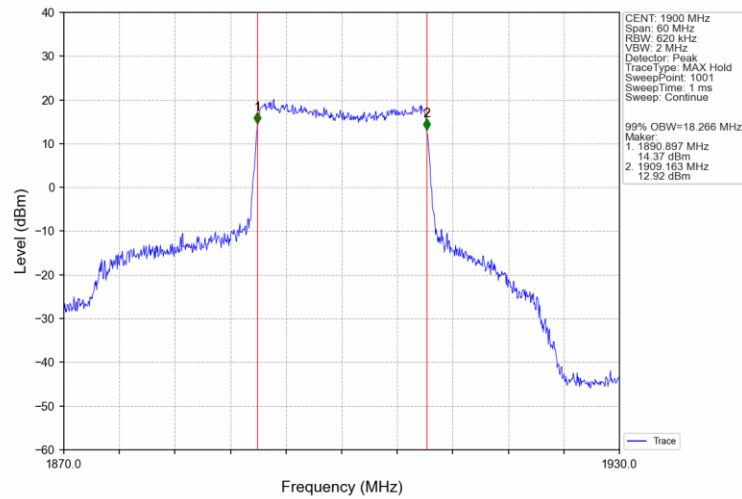
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTV



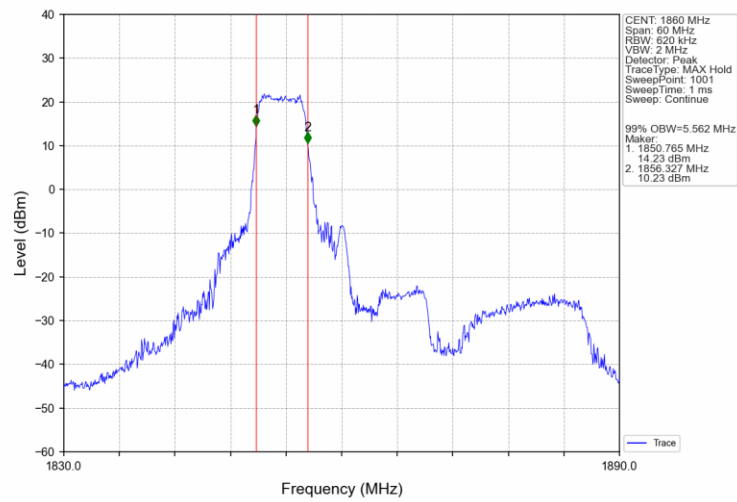
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTV



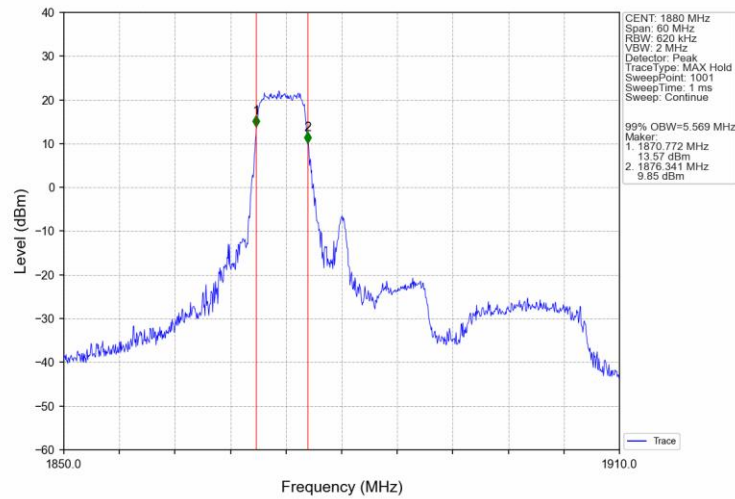
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



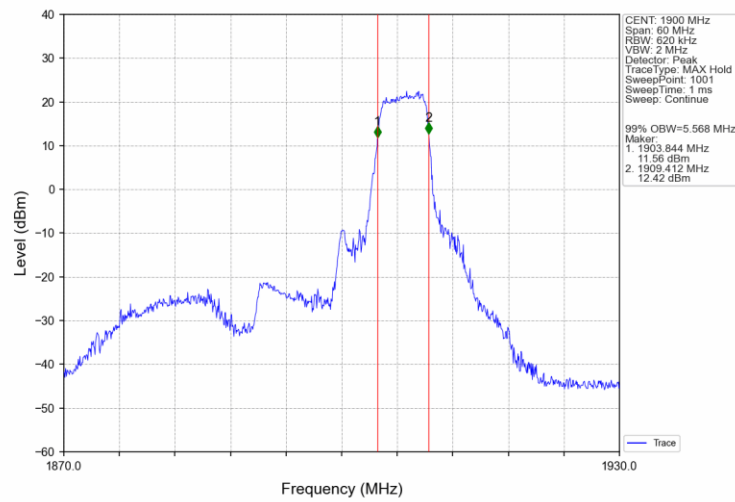
Band2_20MHz_16QAM_LCH_1860MHz_RB_27_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_27_0_NTNV

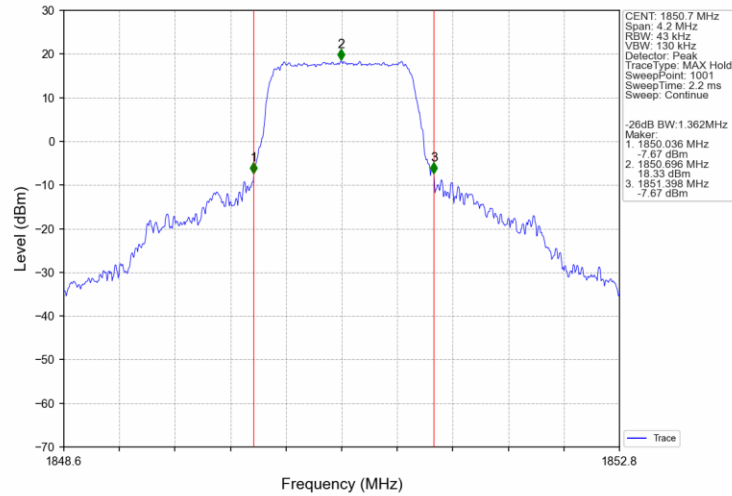


Band2_20MHz_16QAM_HCH_1900MHz_RB_27_73_NTNV

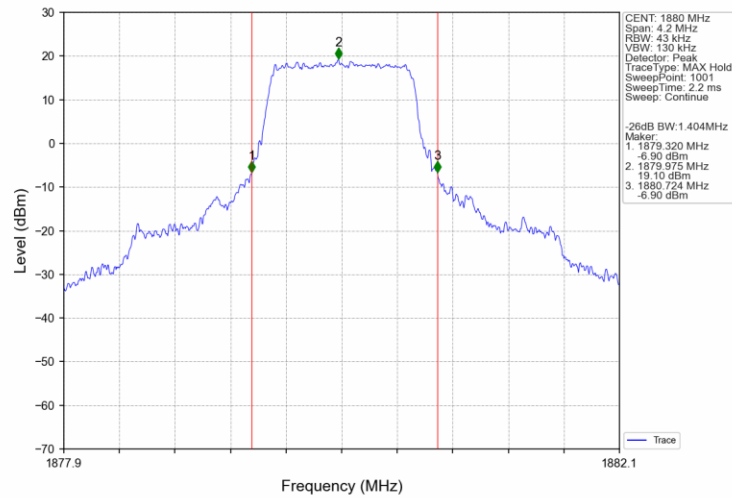


4.2.2 Band2_XDB

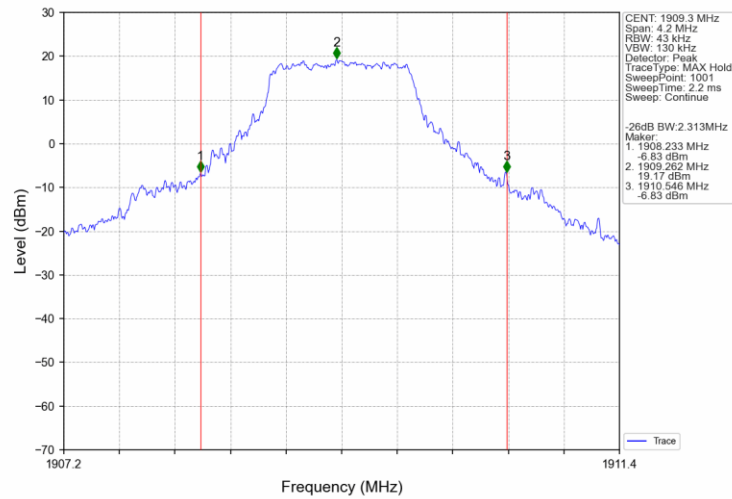
Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



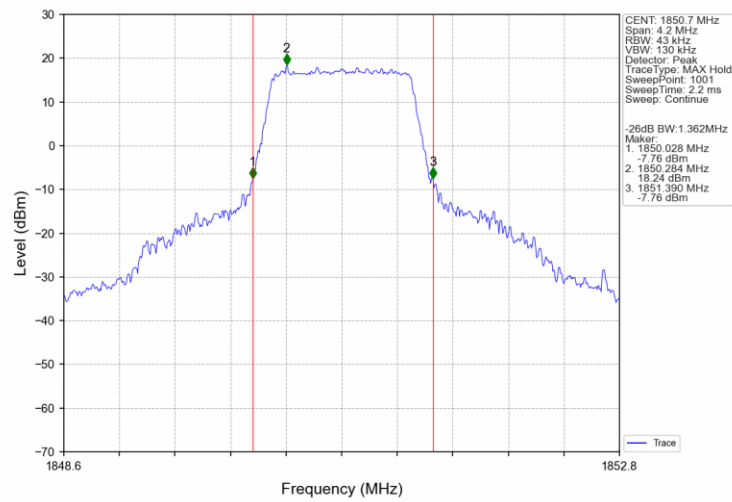
Band2 1.4MHz QPSK MCH 1880MHz RB 6 0 NTV



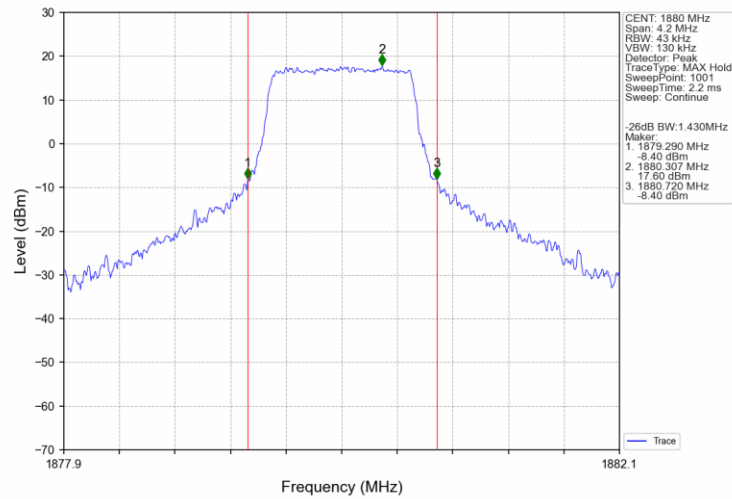
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



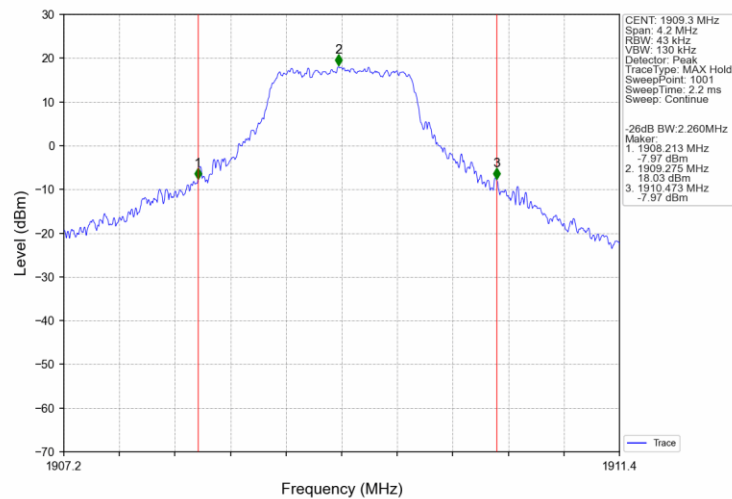
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



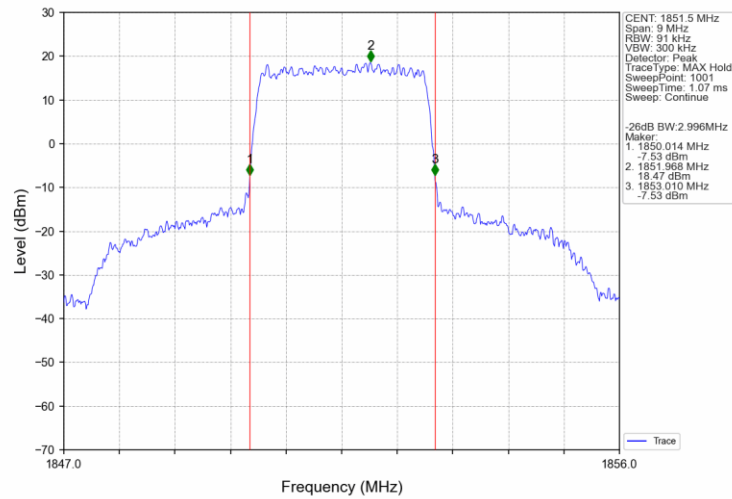
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



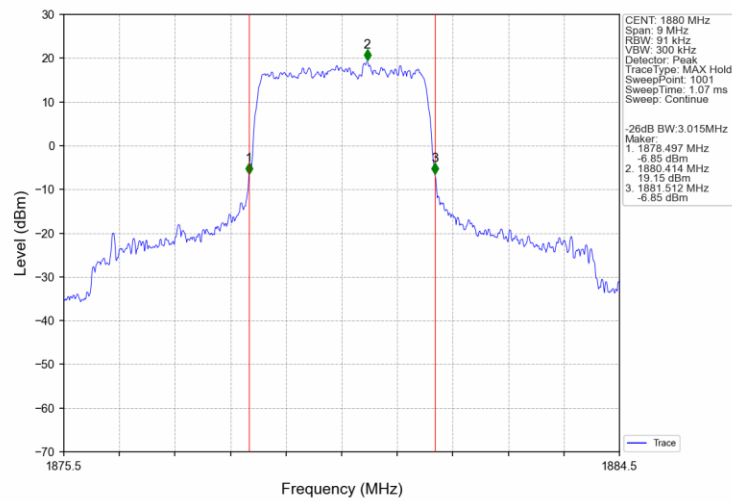
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



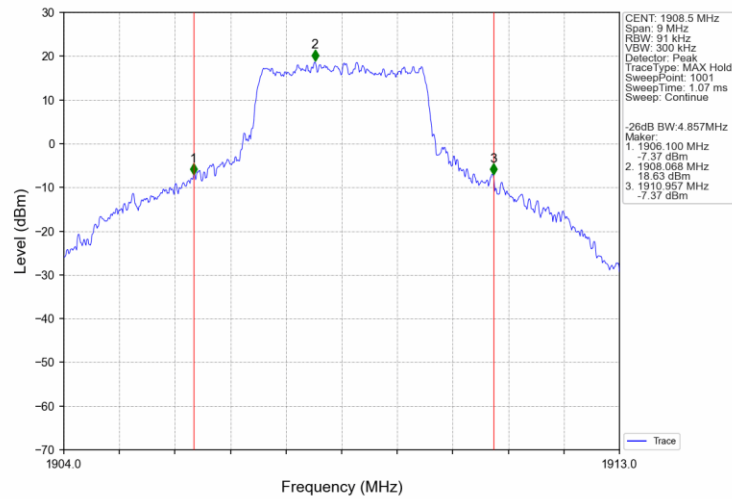
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



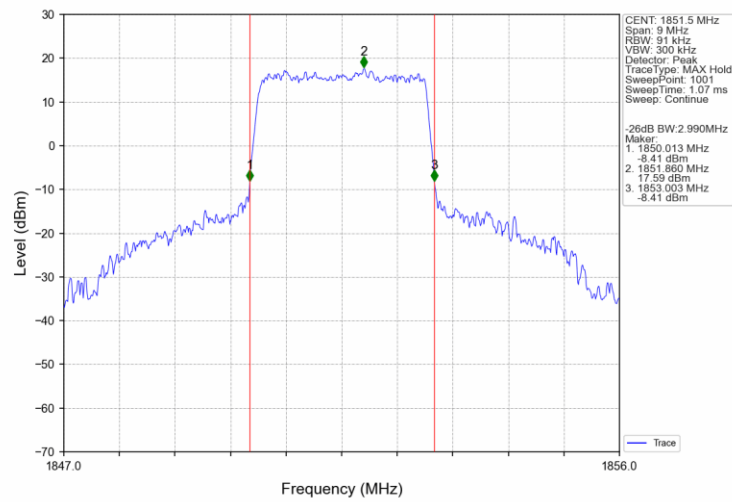
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



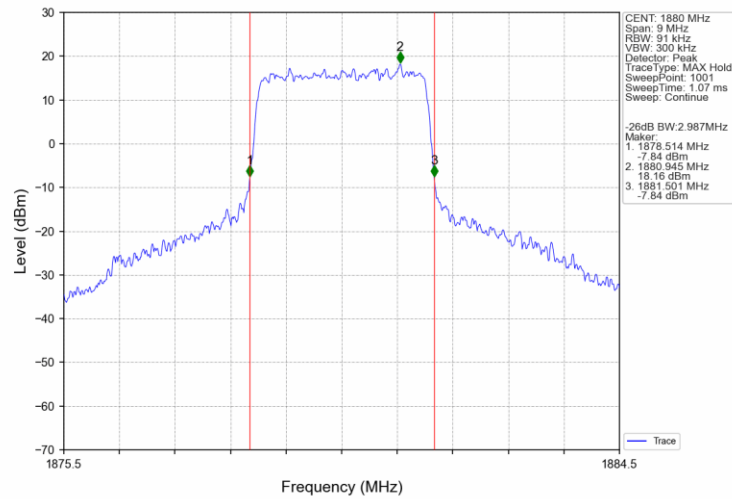
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



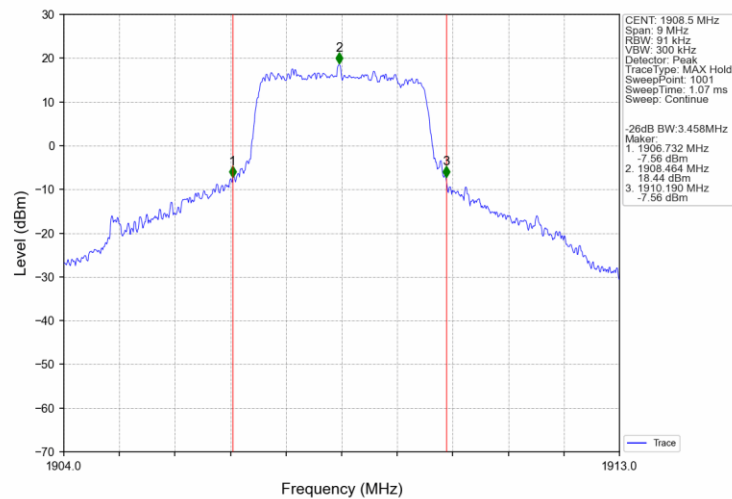
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



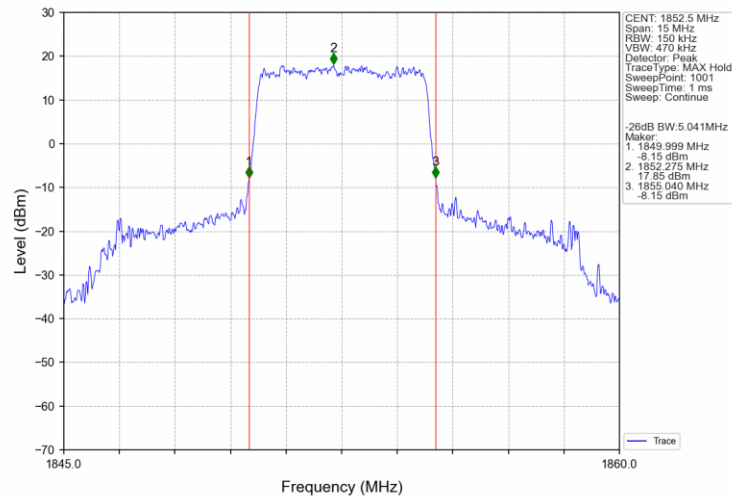
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTV



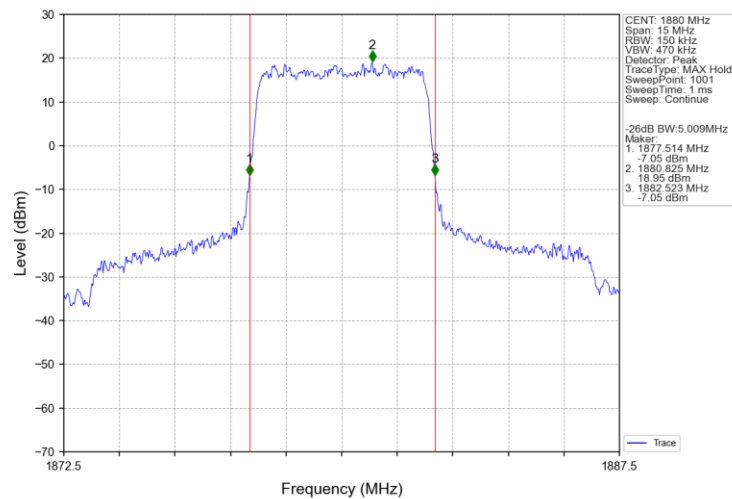
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



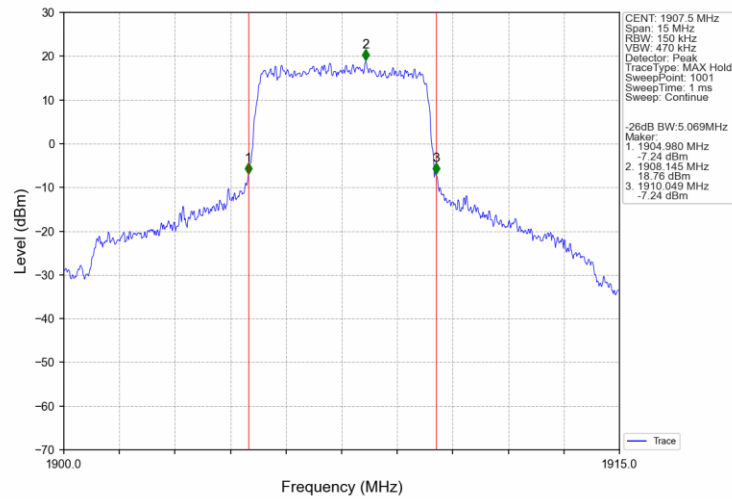
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



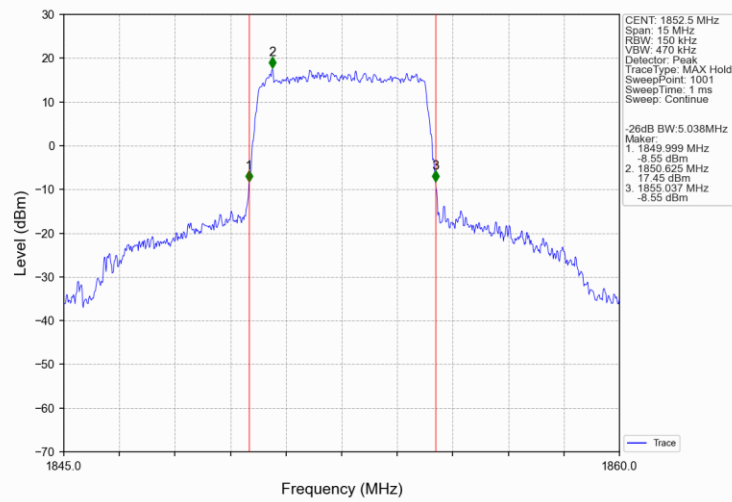
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



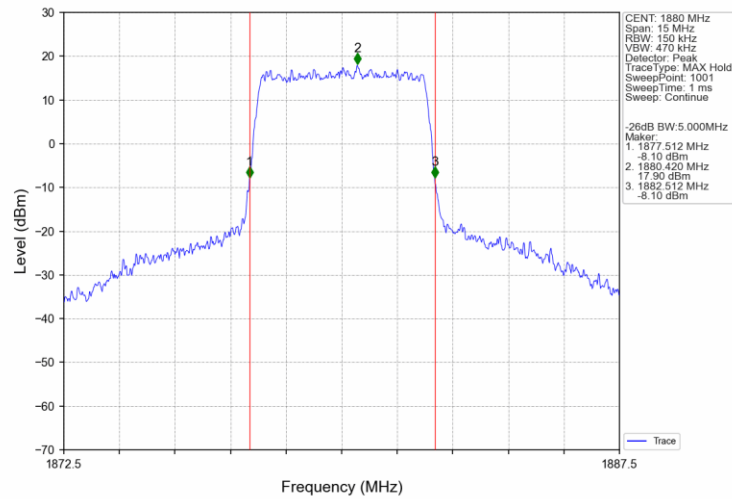
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



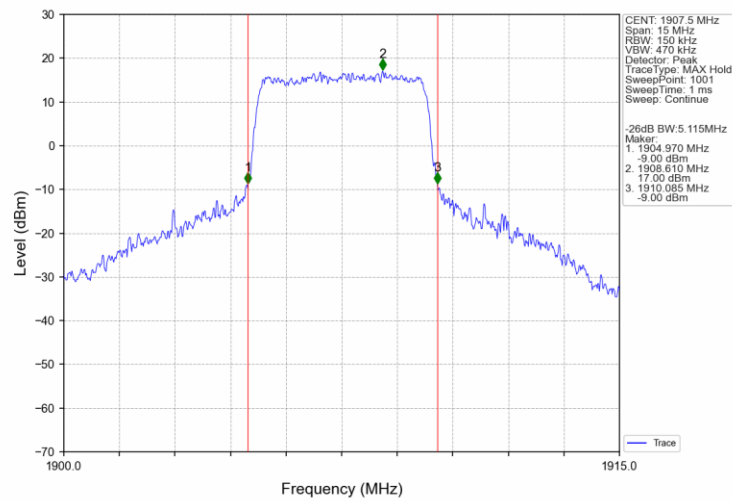
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



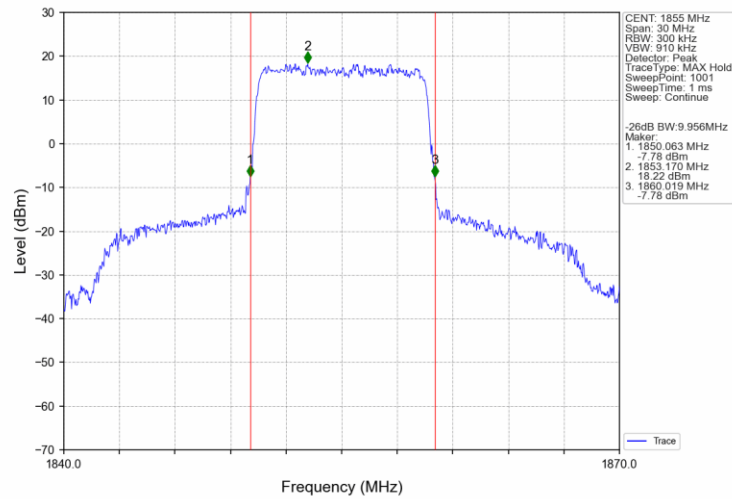
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTV



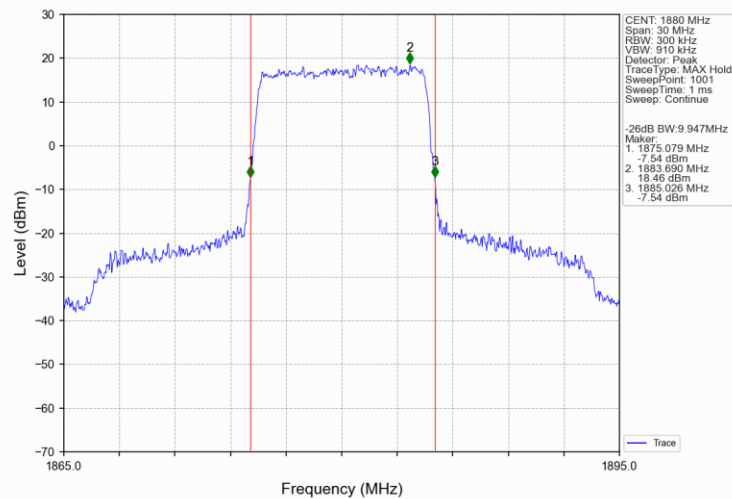
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTV



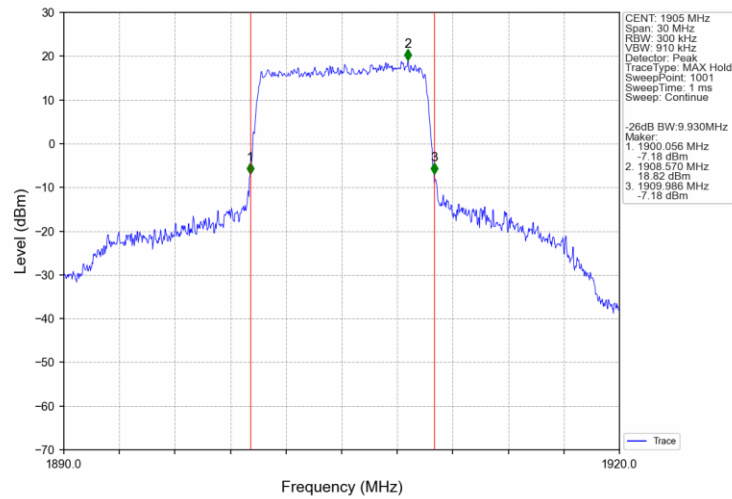
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTN



Band2 10MHz 16QAM LCH 1855MHz RB 27 0 NTN

