

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	21.21	-0.9	20.31	<=33.01	Pass
			7	21.25	-0.9	20.35	<=33.01	Pass
			14	21.36	-0.9	20.46	<=33.01	Pass
		8	0	20.34	-0.9	19.44	<=33.01	Pass
			4	20.23	-0.9	19.33	<=33.01	Pass
			7	20.34	-0.9	19.44	<=33.01	Pass
		15	0	20.26	-0.9	19.36	<=33.01	Pass
	1880	1	0	21.23	-0.9	20.33	<=33.01	Pass
			7	21.22	-0.9	20.32	<=33.01	Pass
			14	21.17	-0.9	20.27	<=33.01	Pass
		8	0	20.30	-0.9	19.40	<=33.01	Pass
			4	20.33	-0.9	19.43	<=33.01	Pass
			7	20.29	-0.9	19.39	<=33.01	Pass
		15	0	20.28	-0.9	19.38	<=33.01	Pass
	1908.5	1	0	21.30	-0.9	20.40	<=33.01	Pass
			7	21.17	-0.9	20.27	<=33.01	Pass
			14	21.19	-0.9	20.29	<=33.01	Pass
		8	0	20.29	-0.9	19.39	<=33.01	Pass
			4	20.35	-0.9	19.45	<=33.01	Pass
			7	20.33	-0.9	19.43	<=33.01	Pass
		15	0	20.31	-0.9	19.41	<=33.01	Pass
16QAM	1851.5	1	0	20.94	-0.9	20.04	<=33.01	Pass
			7	20.94	-0.9	20.04	<=33.01	Pass
			14	21.09	-0.9	20.19	<=33.01	Pass
		8	0	20.08	-0.9	19.18	<=33.01	Pass
			4	20.00	-0.9	19.10	<=33.01	Pass
			7	20.06	-0.9	19.16	<=33.01	Pass
		15	0	19.75	-0.9	18.85	<=33.01	Pass
	1880	1	0	20.51	-0.9	19.61	<=33.01	Pass
			7	20.53	-0.9	19.63	<=33.01	Pass
			14	20.61	-0.9	19.71	<=33.01	Pass
		8	0	19.89	-0.9	18.99	<=33.01	Pass
			4	19.28	-0.9	18.38	<=33.01	Pass
			7	19.39	-0.9	18.49	<=33.01	Pass
		15	0	19.89	-0.9	18.99	<=33.01	Pass
	1908.5	1	0	21.52	-0.9	20.62	<=33.01	Pass
			7	21.61	-0.9	20.71	<=33.01	Pass
			14	21.65	-0.9	20.75	<=33.01	Pass
		8	0	19.42	-0.9	18.52	<=33.01	Pass
			4	19.88	-0.9	18.98	<=33.01	Pass
			7	19.86	-0.9	18.96	<=33.01	Pass
		15	0	19.80	-0.9	18.90	<=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	21.20	-0.9	20.30	<=33.01	Pass
			13	21.34	-0.9	20.44	<=33.01	Pass
			24	21.40	-0.9	20.50	<=33.01	Pass
		12	0	20.29	-0.9	19.39	<=33.01	Pass
			6	20.35	-0.9	19.45	<=33.01	Pass
			13	20.36	-0.9	19.46	<=33.01	Pass
		25	0	20.44	-0.9	19.54	<=33.01	Pass

16QAM	1880	1	0	21.31	-0.9	20.41	<=33.01	Pass
			13	21.24	-0.9	20.34	<=33.01	Pass
			24	21.29	-0.9	20.39	<=33.01	Pass
		12	0	20.33	-0.9	19.43	<=33.01	Pass
			6	20.33	-0.9	19.43	<=33.01	Pass
			13	20.37	-0.9	19.47	<=33.01	Pass
		25	0	20.32	-0.9	19.42	<=33.01	Pass
			0	21.25	-0.9	20.35	<=33.01	Pass
			13	21.31	-0.9	20.41	<=33.01	Pass
	1907.5	1	24	21.27	-0.9	20.37	<=33.01	Pass
			0	20.37	-0.9	19.47	<=33.01	Pass
			6	20.18	-0.9	19.28	<=33.01	Pass
		12	13	20.37	-0.9	19.47	<=33.01	Pass
			0	20.40	-0.9	19.50	<=33.01	Pass
			0	19.99	-0.9	19.09	<=33.01	Pass
		25	13	20.07	-0.9	19.17	<=33.01	Pass
			24	20.12	-0.9	19.22	<=33.01	Pass
			0	19.77	-0.9	18.87	<=33.01	Pass
16QAM	1852.5	1	6	19.76	-0.9	18.86	<=33.01	Pass
			13	19.79	-0.9	18.89	<=33.01	Pass
			0	19.91	-0.9	19.01	<=33.01	Pass
		12	0	20.96	-0.9	20.06	<=33.01	Pass
			13	20.90	-0.9	20.00	<=33.01	Pass
			24	20.96	-0.9	20.06	<=33.01	Pass
		25	0	19.83	-0.9	18.93	<=33.01	Pass
			6	19.84	-0.9	18.94	<=33.01	Pass
			13	19.43	-0.9	18.53	<=33.01	Pass
	1880	1	0	19.88	-0.9	18.98	<=33.01	Pass
			0	20.90	-0.9	20.00	<=33.01	Pass
			13	20.84	-0.9	19.94	<=33.01	Pass
		12	24	21.02	-0.9	20.12	<=33.01	Pass
			0	19.35	-0.9	18.45	<=33.01	Pass
			6	19.41	-0.9	18.51	<=33.01	Pass
			13	19.77	-0.9	18.87	<=33.01	Pass
		25	0	19.35	-0.9	18.45	<=33.01	Pass
			0	19.35	-0.9	18.45	<=33.01	Pass
			0	19.35	-0.9	18.45	<=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	21.32	-0.9	20.42	<=33.01	Pass
			25	21.47	-0.9	20.57	<=33.01	Pass
			49	21.47	-0.9	20.57	<=33.01	Pass
		25	0	20.40	-0.9	19.50	<=33.01	Pass
			13	20.40	-0.9	19.50	<=33.01	Pass
			25	20.23	-0.9	19.33	<=33.01	Pass
		50	0	20.45	-0.9	19.55	<=33.01	Pass
			0	21.47	-0.9	20.57	<=33.01	Pass
			25	21.46	-0.9	20.56	<=33.01	Pass
	1880	1	49	21.43	-0.9	20.53	<=33.01	Pass
			0	20.42	-0.9	19.52	<=33.01	Pass
			13	20.34	-0.9	19.44	<=33.01	Pass
		25	25	20.34	-0.9	19.44	<=33.01	Pass
			0	20.34	-0.9	19.44	<=33.01	Pass
			0	20.34	-0.9	19.44	<=33.01	Pass
		50	0	21.43	-0.9	20.53	<=33.01	Pass
			25	21.45	-0.9	20.55	<=33.01	Pass
			25	21.45	-0.9	20.55	<=33.01	Pass

16QAM	1855	25	49	21.48	-0.9	20.58	<=33.01	Pass
			0	20.34	-0.9	19.44	<=33.01	Pass
			13	20.25	-0.9	19.35	<=33.01	Pass
			25	20.30	-0.9	19.40	<=33.01	Pass
		50	0	20.25	-0.9	19.35	<=33.01	Pass
	1880	1	0	21.29	-0.9	20.39	<=33.01	Pass
			25	21.39	-0.9	20.49	<=33.01	Pass
			49	21.35	-0.9	20.45	<=33.01	Pass
		25	0	19.82	-0.9	18.92	<=33.01	Pass
			13	19.83	-0.9	18.93	<=33.01	Pass
			25	19.92	-0.9	19.02	<=33.01	Pass
		50	0	19.86	-0.9	18.96	<=33.01	Pass
		1	0	20.49	-0.9	19.59	<=33.01	Pass
			25	20.43	-0.9	19.53	<=33.01	Pass
			49	20.45	-0.9	19.55	<=33.01	Pass
		25	0	19.56	-0.9	18.66	<=33.01	Pass
			13	19.97	-0.9	19.07	<=33.01	Pass
			25	19.96	-0.9	19.06	<=33.01	Pass
	1905	1	0	19.86	-0.9	18.96	<=33.01	Pass
			0	21.30	-0.9	20.40	<=33.01	Pass
			25	21.05	-0.9	20.15	<=33.01	Pass
		25	49	21.13	-0.9	20.23	<=33.01	Pass
			0	19.54	-0.9	18.64	<=33.01	Pass
			13	19.80	-0.9	18.90	<=33.01	Pass
		50	25	19.48	-0.9	18.58	<=33.01	Pass
			0	19.80	-0.9	18.90	<=33.01	Pass
			0	19.80	-0.9	18.90	<=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	21.34	-0.9	20.44	<=33.01	Pass
			38	21.34	-0.9	20.44	<=33.01	Pass
			74	21.46	-0.9	20.56	<=33.01	Pass
		36	0	20.42	-0.9	19.52	<=33.01	Pass
			18	20.36	-0.9	19.46	<=33.01	Pass
			39	20.37	-0.9	19.47	<=33.01	Pass
		75	0	20.32	-0.9	19.42	<=33.01	Pass
	1880	1	0	21.40	-0.9	20.50	<=33.01	Pass
			38	21.35	-0.9	20.45	<=33.01	Pass
			74	21.31	-0.9	20.41	<=33.01	Pass
		36	0	20.50	-0.9	19.60	<=33.01	Pass
			18	20.31	-0.9	19.41	<=33.01	Pass
			39	20.45	-0.9	19.55	<=33.01	Pass
		75	0	20.42	-0.9	19.52	<=33.01	Pass
	1902.5	1	0	21.29	-0.9	20.39	<=33.01	Pass
			38	21.16	-0.9	20.26	<=33.01	Pass
			74	21.28	-0.9	20.38	<=33.01	Pass
		36	0	20.32	-0.9	19.42	<=33.01	Pass
			18	20.29	-0.9	19.39	<=33.01	Pass
			39	20.38	-0.9	19.48	<=33.01	Pass
		75	0	20.38	-0.9	19.48	<=33.01	Pass
16QAM	1857.5	1	0	21.55	-0.9	20.65	<=33.01	Pass
			38	21.55	-0.9	20.65	<=33.01	Pass
			74	21.65	-0.9	20.75	<=33.01	Pass
		36	0	19.83	-0.9	18.93	<=33.01	Pass

		75	18	19.84	-0.9	18.94	<=33.01	Pass
			39	19.51	-0.9	18.61	<=33.01	Pass
			0	19.86	-0.9	18.96	<=33.01	Pass
	1880	1	0	20.60	-0.9	19.70	<=33.01	Pass
			38	20.59	-0.9	19.69	<=33.01	Pass
			74	20.57	-0.9	19.67	<=33.01	Pass
		36	0	19.53	-0.9	18.63	<=33.01	Pass
			18	19.92	-0.9	19.02	<=33.01	Pass
			39	19.83	-0.9	18.93	<=33.01	Pass
		75	0	19.89	-0.9	18.99	<=33.01	Pass
	1902.5	1	0	20.83	-0.9	19.93	<=33.01	Pass
			38	20.86	-0.9	19.96	<=33.01	Pass
			74	20.85	-0.9	19.95	<=33.01	Pass
		36	0	19.71	-0.9	18.81	<=33.01	Pass
			18	19.41	-0.9	18.51	<=33.01	Pass
			39	19.44	-0.9	18.54	<=33.01	Pass
		75	0	19.52	-0.9	18.62	<=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	21.15	-0.9	20.25	<=33.01	Pass
			50	21.30	-0.9	20.40	<=33.01	Pass
			99	21.42	-0.9	20.52	<=33.01	Pass
		50	0	20.51	-0.9	19.61	<=33.01	Pass
			25	20.44	-0.9	19.54	<=33.01	Pass
			50	20.50	-0.9	19.60	<=33.01	Pass
		100	0	20.54	-0.9	19.64	<=33.01	Pass
	1880	1	0	21.54	-0.9	20.64	<=33.01	Pass
			50	21.48	-0.9	20.58	<=33.01	Pass
			99	21.44	-0.9	20.54	<=33.01	Pass
		50	0	20.39	-0.9	19.49	<=33.01	Pass
			25	20.32	-0.9	19.42	<=33.01	Pass
			50	20.28	-0.9	19.38	<=33.01	Pass
		100	0	20.31	-0.9	19.41	<=33.01	Pass
	1900	1	0	21.29	-0.9	20.39	<=33.01	Pass
			50	21.34	-0.9	20.44	<=33.01	Pass
			99	21.29	-0.9	20.39	<=33.01	Pass
		50	0	20.42	-0.9	19.52	<=33.01	Pass
			25	20.29	-0.9	19.39	<=33.01	Pass
			50	20.36	-0.9	19.46	<=33.01	Pass
		100	0	20.37	-0.9	19.47	<=33.01	Pass
16QAM	1860	1	0	20.59	-0.9	19.69	<=33.01	Pass
			50	20.73	-0.9	19.83	<=33.01	Pass
			99	20.79	-0.9	19.89	<=33.01	Pass
		50	0	19.90	-0.9	19.00	<=33.01	Pass
			25	19.90	-0.9	19.00	<=33.01	Pass
			50	19.61	-0.9	18.71	<=33.01	Pass
		100	0	19.85	-0.9	18.95	<=33.01	Pass
	1880	1	0	21.04	-0.9	20.14	<=33.01	Pass
			50	20.81	-0.9	19.91	<=33.01	Pass
			99	20.86	-0.9	19.96	<=33.01	Pass
		50	0	19.50	-0.9	18.60	<=33.01	Pass
			25	19.96	-0.9	19.06	<=33.01	Pass
			50	19.82	-0.9	18.92	<=33.01	Pass

		100	0	19.85	-0.9	18.95	<=33.01	Pass
	1900	1	0	20.76	-0.9	19.86	<=33.01	Pass
			50	20.74	-0.9	19.84	<=33.01	Pass
			99	20.83	-0.9	19.93	<=33.01	Pass
			50	0	19.39	-0.9	18.49	<=33.01
		25		19.80	-0.9	18.90	<=33.01	Pass
		50		19.84	-0.9	18.94	<=33.01	Pass
		100	0	19.64	-0.9	18.74	<=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	-28.539	-0.0154	-2.5 to 2.5	Pass
					3.85	-52.342	-0.0283	-2.5 to 2.5	Pass
					4.43	6.495	0.0035	-2.5 to 2.5	Pass
				-30	3.85	-14.520	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-24.161	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-32.701	-0.0177	-2.5 to 2.5	Pass
				0	3.85	-25.620	-0.0138	-2.5 to 2.5	Pass
				10	3.85	-14.820	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-11.344	-0.0061	-2.5 to 2.5	Pass
				40	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				50	3.85	23.704	0.0128	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-25.835	-0.0137	-2.5 to 2.5	Pass
					3.85	-18.740	-0.0100	-2.5 to 2.5	Pass
					4.43	25.077	0.0133	-2.5 to 2.5	Pass
				-30	3.85	25.005	0.0133	-2.5 to 2.5	Pass
				-20	3.85	6.537	0.0035	-2.5 to 2.5	Pass
				-10	3.85	24.090	0.0128	-2.5 to 2.5	Pass
				0	3.85	46.291	0.0246	-2.5 to 2.5	Pass
				10	3.85	18.396	0.0098	-2.5 to 2.5	Pass
				30	3.85	37.708	0.0201	-2.5 to 2.5	Pass
				40	3.85	12.989	0.0069	-2.5 to 2.5	Pass
				50	3.85	25.692	0.0137	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-25.721	-0.0135	-2.5 to 2.5	Pass
					3.85	3.290	0.0017	-2.5 to 2.5	Pass
					4.43	38.810	0.0203	-2.5 to 2.5	Pass
				-30	3.85	22.917	0.0120	-2.5 to 2.5	Pass
				-20	3.85	11.387	0.0060	-2.5 to 2.5	Pass
				-10	3.85	24.676	0.0129	-2.5 to 2.5	Pass
				0	3.85	24.433	0.0128	-2.5 to 2.5	Pass
				10	3.85	-4.778	-0.0025	-2.5 to 2.5	Pass
				30	3.85	17.753	0.0093	-2.5 to 2.5	Pass
				40	3.85	40.426	0.0212	-2.5 to 2.5	Pass
				50	3.85	8.254	0.0043	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	7.110	0.0038	-2.5 to 2.5	Pass
					3.85	9.170	0.0050	-2.5 to 2.5	Pass
					4.43	34.275	0.0185	-2.5 to 2.5	Pass
				-30	3.85	19.541	0.0106	-2.5 to 2.5	Pass

				-20	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-10	3.85	29.297	0.0158	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				10	3.85	24.161	0.0131	-2.5 to 2.5	Pass
				30	3.85	50.440	0.0273	-2.5 to 2.5	Pass
				40	3.85	37.580	0.0203	-2.5 to 2.5	Pass
				50	3.85	6.237	0.0034	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	36.793	0.0196	-2.5 to 2.5	Pass
					3.85	16.522	0.0088	-2.5 to 2.5	Pass
					4.43	25.349	0.0135	-2.5 to 2.5	Pass
				-30	3.85	40.355	0.0215	-2.5 to 2.5	Pass
				-20	3.85	7.896	0.0042	-2.5 to 2.5	Pass
				-10	3.85	27.423	0.0146	-2.5 to 2.5	Pass
				0	3.85	39.067	0.0208	-2.5 to 2.5	Pass
				10	3.85	7.625	0.0041	-2.5 to 2.5	Pass
				30	3.85	11.530	0.0061	-2.5 to 2.5	Pass
				40	3.85	36.807	0.0196	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	16.179	0.0085	-2.5 to 2.5	Pass
					3.85	23.088	0.0121	-2.5 to 2.5	Pass
					4.43	20.914	0.0110	-2.5 to 2.5	Pass
				-30	3.85	43.516	0.0228	-2.5 to 2.5	Pass
				-20	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				-10	3.85	8.841	0.0046	-2.5 to 2.5	Pass
				0	3.85	26.093	0.0137	-2.5 to 2.5	Pass
				10	3.85	38.910	0.0204	-2.5 to 2.5	Pass
				30	3.85	4.349	0.0023	-2.5 to 2.5	Pass
				40	3.85	-8.340	-0.0044	-2.5 to 2.5	Pass
				50	3.85	8.683	0.0045	-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	-39.654	-0.0214	-2.5 to 2.5	Pass
					3.85	16.623	0.0090	-2.5 to 2.5	Pass
					4.43	15.922	0.0086	-2.5 to 2.5	Pass
				-30	3.85	36.950	0.0200	-2.5 to 2.5	Pass
				-20	3.85	46.349	0.0250	-2.5 to 2.5	Pass
				-10	3.85	34.847	0.0188	-2.5 to 2.5	Pass
				0	3.85	25.420	0.0137	-2.5 to 2.5	Pass
				10	3.85	21.358	0.0115	-2.5 to 2.5	Pass
				30	3.85	-9.556	-0.0052	-2.5 to 2.5	Pass
				40	3.85	18.268	0.0099	-2.5 to 2.5	Pass
				50	3.85	6.094	0.0033	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-38.652	-0.0206	-2.5 to 2.5	Pass
					3.85	-30.570	-0.0163	-2.5 to 2.5	Pass
					4.43	-2.575	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	30.069	0.0160	-2.5 to 2.5	Pass
				-20	3.85	43.859	0.0233	-2.5 to 2.5	Pass
				-10	3.85	19.226	0.0102	-2.5 to 2.5	Pass
				0	3.85	13.733	0.0073	-2.5 to 2.5	Pass
				10	3.85	15.578	0.0083	-2.5 to 2.5	Pass
				30	3.85	24.362	0.0130	-2.5 to 2.5	Pass
				40	3.85	16.494	0.0088	-2.5 to 2.5	Pass
				50	3.85	21.873	0.0116	-2.5 to 2.5	Pass
	1908.5	15	0	20	3.27	-32.673	-0.0171	-2.5 to 2.5	Pass

					3.85	-17.896	-0.0094	-2.5 to 2.5	Pass
					4.43	29.011	0.0152	-2.5 to 2.5	Pass
				-30	3.85	11.487	0.0060	-2.5 to 2.5	Pass
				-20	3.85	24.676	0.0129	-2.5 to 2.5	Pass
				-10	3.85	10.729	0.0056	-2.5 to 2.5	Pass
				0	3.85	36.049	0.0189	-2.5 to 2.5	Pass
				10	3.85	24.076	0.0126	-2.5 to 2.5	Pass
				30	3.85	36.764	0.0193	-2.5 to 2.5	Pass
				40	3.85	40.655	0.0213	-2.5 to 2.5	Pass
				50	3.85	12.288	0.0064	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	32.272	0.0174	-2.5 to 2.5	Pass
					3.85	54.603	0.0295	-2.5 to 2.5	Pass
					4.43	34.118	0.0184	-2.5 to 2.5	Pass
				-30	3.85	5.794	0.0031	-2.5 to 2.5	Pass
				-20	3.85	-8.798	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				0	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				10	3.85	12.116	0.0065	-2.5 to 2.5	Pass
				30	3.85	37.637	0.0203	-2.5 to 2.5	Pass
				40	3.85	22.030	0.0119	-2.5 to 2.5	Pass
				50	3.85	30.985	0.0167	-2.5 to 2.5	Pass
				1880	15	0	20	3.27	33.317
	3.85	-2.260	-0.0012					-2.5 to 2.5	Pass
	4.43	7.224	0.0038					-2.5 to 2.5	Pass
	-30	3.85	8.397				0.0045	-2.5 to 2.5	Pass
	-20	3.85	10.185				0.0054	-2.5 to 2.5	Pass
	-10	3.85	15.035				0.0080	-2.5 to 2.5	Pass
	0	3.85	23.031				0.0123	-2.5 to 2.5	Pass
	10	3.85	25.363				0.0135	-2.5 to 2.5	Pass
	30	3.85	18.568				0.0099	-2.5 to 2.5	Pass
	40	3.85	15.335				0.0082	-2.5 to 2.5	Pass
	50	3.85	9.327				0.0050	-2.5 to 2.5	Pass
	1908.5	15	0				20	3.27	33.789
				3.85	5.765	0.0030		-2.5 to 2.5	Pass
				4.43	-13.132	-0.0069		-2.5 to 2.5	Pass
				-30	3.85	-9.356	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-10.843	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-9.727	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-16.580	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				40	3.85	3.347	0.0018	-2.5 to 2.5	Pass
				50	3.85	8.655	0.0045	-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	-21.358	-0.0115	-2.5 to 2.5	Pass
					3.85	27.680	0.0149	-2.5 to 2.5	Pass
					4.43	30.842	0.0166	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
					3.85	24.390	0.0132	-2.5 to 2.5	Pass
					3.85	18.096	0.0098	-2.5 to 2.5	Pass
				0	3.85	48.208	0.0260	-2.5 to 2.5	Pass
					3.85	26.107	0.0141	-2.5 to 2.5	Pass
					3.85	2.646	0.0014	-2.5 to 2.5	Pass
				30	3.85	2.646	0.0014	-2.5 to 2.5	Pass

	1880	25	0	40	3.85	29.655	0.0160	-2.5 to 2.5	Pass
				50	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				20	3.27	-25.177	-0.0134	-2.5 to 2.5	Pass
					3.85	2.503	0.0013	-2.5 to 2.5	Pass
					4.43	44.360	0.0236	-2.5 to 2.5	Pass
				-30	3.85	10.214	0.0054	-2.5 to 2.5	Pass
				-20	3.85	22.702	0.0121	-2.5 to 2.5	Pass
				-10	3.85	26.350	0.0140	-2.5 to 2.5	Pass
				0	3.85	39.768	0.0212	-2.5 to 2.5	Pass
				10	3.85	42.958	0.0229	-2.5 to 2.5	Pass
				30	3.85	36.464	0.0194	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	-19.984	-0.0105	-2.5 to 2.5	Pass
					3.85	-17.366	-0.0091	-2.5 to 2.5	Pass
					4.43	30.355	0.0159	-2.5 to 2.5	Pass
				-30	3.85	8.841	0.0046	-2.5 to 2.5	Pass
				-20	3.85	21.858	0.0115	-2.5 to 2.5	Pass
				-10	3.85	28.868	0.0151	-2.5 to 2.5	Pass
				0	3.85	11.086	0.0058	-2.5 to 2.5	Pass
				10	3.85	27.609	0.0145	-2.5 to 2.5	Pass
				30	3.85	17.924	0.0094	-2.5 to 2.5	Pass
				40	3.85	30.527	0.0160	-2.5 to 2.5	Pass
				50	3.85	37.236	0.0195	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	23.174	0.0125	-2.5 to 2.5	Pass
					3.85	35.534	0.0192	-2.5 to 2.5	Pass
					4.43	42.672	0.0230	-2.5 to 2.5	Pass
				-30	3.85	15.149	0.0082	-2.5 to 2.5	Pass
				-20	3.85	27.123	0.0146	-2.5 to 2.5	Pass
				-10	3.85	29.597	0.0160	-2.5 to 2.5	Pass
				0	3.85	40.197	0.0217	-2.5 to 2.5	Pass
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	12.345	0.0067	-2.5 to 2.5	Pass
				40	3.85	15.807	0.0085	-2.5 to 2.5	Pass
				50	3.85	23.975	0.0129	-2.5 to 2.5	Pass
	1880	25	0	20	3.27	11.473	0.0061	-2.5 to 2.5	Pass
					3.85	15.206	0.0081	-2.5 to 2.5	Pass
					4.43	18.039	0.0096	-2.5 to 2.5	Pass
				-30	3.85	12.946	0.0069	-2.5 to 2.5	Pass
				-20	3.85	27.251	0.0145	-2.5 to 2.5	Pass
				-10	3.85	36.507	0.0194	-2.5 to 2.5	Pass
				0	3.85	26.779	0.0142	-2.5 to 2.5	Pass
				10	3.85	23.618	0.0126	-2.5 to 2.5	Pass
				30	3.85	12.903	0.0069	-2.5 to 2.5	Pass
				40	3.85	8.941	0.0048	-2.5 to 2.5	Pass
				50	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
	1907.5	25	0	20	3.27	19.727	0.0103	-2.5 to 2.5	Pass
					3.85	30.885	0.0162	-2.5 to 2.5	Pass
					4.43	21.057	0.0110	-2.5 to 2.5	Pass
				-30	3.85	12.045	0.0063	-2.5 to 2.5	Pass
				-20	3.85	3.247	0.0017	-2.5 to 2.5	Pass
				-10	3.85	11.759	0.0062	-2.5 to 2.5	Pass
				0	3.85	11.415	0.0060	-2.5 to 2.5	Pass
				10	3.85	13.576	0.0071	-2.5 to 2.5	Pass
				30	3.85	9.785	0.0051	-2.5 to 2.5	Pass
				40	3.85	8.383	0.0044	-2.5 to 2.5	Pass
				50	3.85	6.738	0.0035	-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	-24.004	-0.0129	-2.5 to 2.5	Pass
					3.85	25.735	0.0139	-2.5 to 2.5	Pass
					4.43	28.467	0.0153	-2.5 to 2.5	Pass
				-30	3.85	28.281	0.0152	-2.5 to 2.5	Pass
				-20	3.85	30.527	0.0165	-2.5 to 2.5	Pass
				-10	3.85	10.471	0.0056	-2.5 to 2.5	Pass
				0	3.85	39.167	0.0211	-2.5 to 2.5	Pass
				10	3.85	27.595	0.0149	-2.5 to 2.5	Pass
				30	3.85	30.627	0.0165	-2.5 to 2.5	Pass
				40	3.85	16.537	0.0089	-2.5 to 2.5	Pass
				50	3.85	34.518	0.0186	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	-28.739	-0.0153	-2.5 to 2.5	Pass
					3.85	2.646	0.0014	-2.5 to 2.5	Pass
					4.43	29.998	0.0160	-2.5 to 2.5	Pass
				-30	3.85	35.219	0.0187	-2.5 to 2.5	Pass
				-20	3.85	11.916	0.0063	-2.5 to 2.5	Pass
				-10	3.85	22.130	0.0118	-2.5 to 2.5	Pass
				0	3.85	39.926	0.0212	-2.5 to 2.5	Pass
				10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				30	3.85	4.563	0.0024	-2.5 to 2.5	Pass
				40	3.85	26.507	0.0141	-2.5 to 2.5	Pass
				50	3.85	41.270	0.0220	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-30.541	-0.0160	-2.5 to 2.5	Pass
					3.85	14.462	0.0076	-2.5 to 2.5	Pass
					4.43	19.841	0.0104	-2.5 to 2.5	Pass
				-30	3.85	35.105	0.0184	-2.5 to 2.5	Pass
				-20	3.85	22.945	0.0120	-2.5 to 2.5	Pass
				-10	3.85	23.446	0.0123	-2.5 to 2.5	Pass
				0	3.85	25.792	0.0135	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				30	3.85	17.424	0.0091	-2.5 to 2.5	Pass
				40	3.85	12.789	0.0067	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	8.740	0.0047	-2.5 to 2.5	Pass
					3.85	9.112	0.0049	-2.5 to 2.5	Pass
					4.43	-6.595	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	7.811	0.0042	-2.5 to 2.5	Pass
				-20	3.85	6.194	0.0033	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0020	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	6.824	0.0037	-2.5 to 2.5	Pass
				30	3.85	10.915	0.0059	-2.5 to 2.5	Pass
				40	3.85	6.938	0.0037	-2.5 to 2.5	Pass
				50	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	36.922	0.0196	-2.5 to 2.5	Pass
					3.85	27.323	0.0145	-2.5 to 2.5	Pass
					4.43	15.793	0.0084	-2.5 to 2.5	Pass
				-30	3.85	17.424	0.0093	-2.5 to 2.5	Pass
				-20	3.85	3.362	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-17.438	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-24.276	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-11.101	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-22.001	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-15.764	-0.0084	-2.5 to 2.5	Pass

	1905	50	0	20	3.27	42.543	0.0223	-2.5 to 2.5	Pass
					3.85	5.364	0.0028	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				10	3.85	3.490	0.0018	-2.5 to 2.5	Pass
				30	3.85	4.892	0.0026	-2.5 to 2.5	Pass
				40	3.85	11.158	0.0059	-2.5 to 2.5	Pass
				50	3.85	12.345	0.0065	-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	-29.211	-0.0157	-2.5 to 2.5	Pass
					3.85	31.471	0.0169	-2.5 to 2.5	Pass
					4.43	39.840	0.0214	-2.5 to 2.5	Pass
				-30	3.85	31.185	0.0168	-2.5 to 2.5	Pass
				-20	3.85	32.601	0.0176	-2.5 to 2.5	Pass
				-10	3.85	28.224	0.0152	-2.5 to 2.5	Pass
				0	3.85	10.200	0.0055	-2.5 to 2.5	Pass
				10	3.85	8.969	0.0048	-2.5 to 2.5	Pass
				30	3.85	19.798	0.0107	-2.5 to 2.5	Pass
				40	3.85	1.173	0.0006	-2.5 to 2.5	Pass
				50	3.85	5.479	0.0029	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-36.092	-0.0192	-2.5 to 2.5	Pass
					3.85	27.695	0.0147	-2.5 to 2.5	Pass
					4.43	24.991	0.0133	-2.5 to 2.5	Pass
				-30	3.85	39.096	0.0208	-2.5 to 2.5	Pass
				-20	3.85	20.256	0.0108	-2.5 to 2.5	Pass
				-10	3.85	40.698	0.0216	-2.5 to 2.5	Pass
				0	3.85	11.573	0.0062	-2.5 to 2.5	Pass
				10	3.85	23.832	0.0127	-2.5 to 2.5	Pass
				30	3.85	29.511	0.0157	-2.5 to 2.5	Pass
				40	3.85	31.013	0.0165	-2.5 to 2.5	Pass
				50	3.85	37.093	0.0197	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	-21.415	-0.0113	-2.5 to 2.5	Pass
					3.85	26.250	0.0138	-2.5 to 2.5	Pass
					4.43	34.761	0.0183	-2.5 to 2.5	Pass
				-30	3.85	33.674	0.0177	-2.5 to 2.5	Pass
				-20	3.85	21.973	0.0115	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				0	3.85	24.376	0.0128	-2.5 to 2.5	Pass
				10	3.85	4.964	0.0026	-2.5 to 2.5	Pass
				30	3.85	18.096	0.0095	-2.5 to 2.5	Pass
				40	3.85	43.902	0.0231	-2.5 to 2.5	Pass
				50	3.85	10.929	0.0057	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	11.358	0.0061	-2.5 to 2.5	Pass
					3.85	4.363	0.0023	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.805	0.0020	-2.5 to 2.5	Pass
				-20	3.85	4.377	0.0024	-2.5 to 2.5	Pass
				-10	3.85	7.753	0.0042	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass

	1880	75	0	30	3.85	6.022	0.0032	-2.5 to 2.5	Pass
				40	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0017	-2.5 to 2.5	Pass
				20	3.27	6.795	0.0036	-2.5 to 2.5	Pass
					3.85	1.974	0.0011	-2.5 to 2.5	Pass
					4.43	-7.396	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-11.745	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-15.807	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-19.526	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-28.596	-0.0152	-2.5 to 2.5	Pass
				10	3.85	-33.317	-0.0177	-2.5 to 2.5	Pass
				30	3.85	-33.360	-0.0177	-2.5 to 2.5	Pass
				40	3.85	-32.830	-0.0175	-2.5 to 2.5	Pass
				50	3.85	-35.305	-0.0188	-2.5 to 2.5	Pass
	1902.5	75	0	20	3.27	26.064	0.0137	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0028	-2.5 to 2.5	Pass
					4.43	-17.080	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-13.075	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-32.601	-0.0171	-2.5 to 2.5	Pass
				-10	3.85	-33.846	-0.0178	-2.5 to 2.5	Pass
				0	3.85	-39.010	-0.0205	-2.5 to 2.5	Pass
				10	3.85	-45.834	-0.0241	-2.5 to 2.5	Pass
				30	3.85	-42.586	-0.0224	-2.5 to 2.5	Pass
				40	3.85	-22.388	-0.0118	-2.5 to 2.5	Pass
				50	3.85	2.904	0.0015	-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	-20.843	-0.0112	-2.5 to 2.5	Pass
					3.85	25.148	0.0135	-2.5 to 2.5	Pass
					4.43	6.852	0.0037	-2.5 to 2.5	Pass
				-30	3.85	24.705	0.0133	-2.5 to 2.5	Pass
				-20	3.85	6.366	0.0034	-2.5 to 2.5	Pass
				-10	3.85	33.660	0.0181	-2.5 to 2.5	Pass
				0	3.85	14.920	0.0080	-2.5 to 2.5	Pass
				10	3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
				30	3.85	22.473	0.0121	-2.5 to 2.5	Pass
				40	3.85	41.714	0.0224	-2.5 to 2.5	Pass
				50	3.85	18.210	0.0098	-2.5 to 2.5	Pass
	1880	100	0	20	3.27	-28.453	-0.0151	-2.5 to 2.5	Pass
					3.85	29.554	0.0157	-2.5 to 2.5	Pass
					4.43	37.293	0.0198	-2.5 to 2.5	Pass
				-30	3.85	10.614	0.0056	-2.5 to 2.5	Pass
				-20	3.85	18.568	0.0099	-2.5 to 2.5	Pass
				-10	3.85	36.678	0.0195	-2.5 to 2.5	Pass
				0	3.85	28.167	0.0150	-2.5 to 2.5	Pass
				10	3.85	12.488	0.0066	-2.5 to 2.5	Pass
				30	3.85	18.396	0.0098	-2.5 to 2.5	Pass
				40	3.85	25.649	0.0136	-2.5 to 2.5	Pass
				50	3.85	28.181	0.0150	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-26.565	-0.0140	-2.5 to 2.5	Pass
					3.85	23.203	0.0122	-2.5 to 2.5	Pass
					4.43	21.644	0.0114	-2.5 to 2.5	Pass
				-30	3.85	35.305	0.0186	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0021	-2.5 to 2.5	Pass

16QAM	1860	100	0	-10	3.85	6.952	0.0037	-2.5 to 2.5	Pass
				0	3.85	22.101	0.0116	-2.5 to 2.5	Pass
				10	3.85	17.967	0.0095	-2.5 to 2.5	Pass
				30	3.85	9.127	0.0048	-2.5 to 2.5	Pass
				40	3.85	22.831	0.0120	-2.5 to 2.5	Pass
	1880	100	0	50	3.85	-12.288	-0.0065	-2.5 to 2.5	Pass
				20	3.27	31.486	0.0169	-2.5 to 2.5	Pass
					3.85	21.973	0.0118	-2.5 to 2.5	Pass
					4.43	5.465	0.0029	-2.5 to 2.5	Pass
				-30	3.85	23.403	0.0126	-2.5 to 2.5	Pass
				-20	3.85	8.941	0.0048	-2.5 to 2.5	Pass
				-10	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				0	3.85	-18.024	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-24.447	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-37.479	-0.0202	-2.5 to 2.5	Pass
				40	3.85	-41.714	-0.0224	-2.5 to 2.5	Pass
				50	3.85	-26.693	-0.0144	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	34.075	0.0181	-2.5 to 2.5	Pass
					3.85	19.283	0.0103	-2.5 to 2.5	Pass
					4.43	18.511	0.0098	-2.5 to 2.5	Pass
				-30	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-18.168	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-16.680	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-25.506	-0.0136	-2.5 to 2.5	Pass
				10	3.85	-30.098	-0.0160	-2.5 to 2.5	Pass
				30	3.85	-27.781	-0.0148	-2.5 to 2.5	Pass
				40	3.85	-45.576	-0.0242	-2.5 to 2.5	Pass
				50	3.85	12.031	0.0064	-2.5 to 2.5	Pass
				20	3.27	16.952	0.0089	-2.5 to 2.5	Pass
					3.85	5.679	0.0030	-2.5 to 2.5	Pass
					4.43	-13.647	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-17.152	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-25.835	-0.0136	-2.5 to 2.5	Pass
				-10	3.85	-39.539	-0.0208	-2.5 to 2.5	Pass
				0	3.85	-25.120	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.85	17.295	0.0091	-2.5 to 2.5	Pass
				40	3.85	6.680	0.0035	-2.5 to 2.5	Pass
				50	3.85	-11.458	-0.0060	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTV						
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					
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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

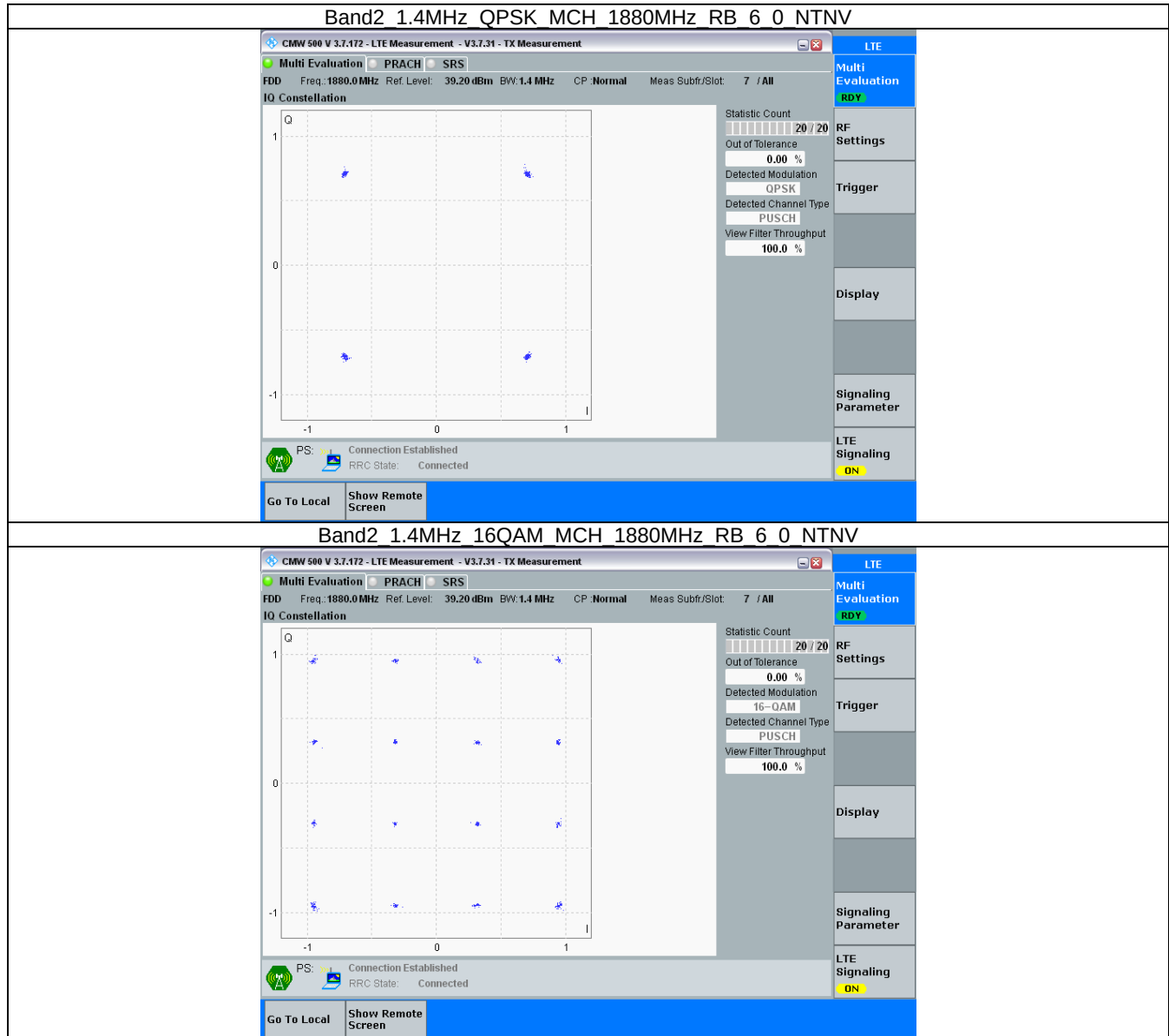
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

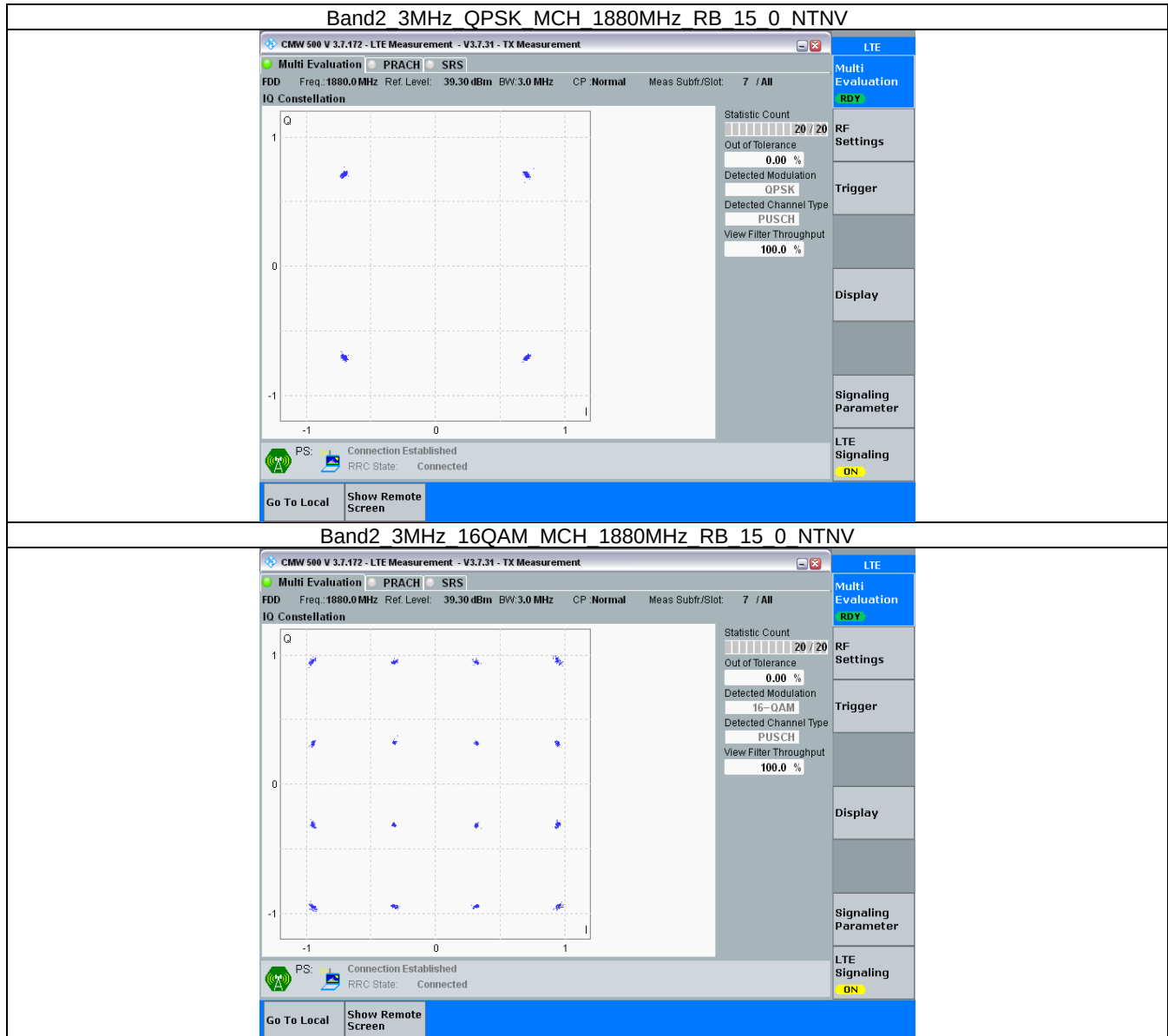
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

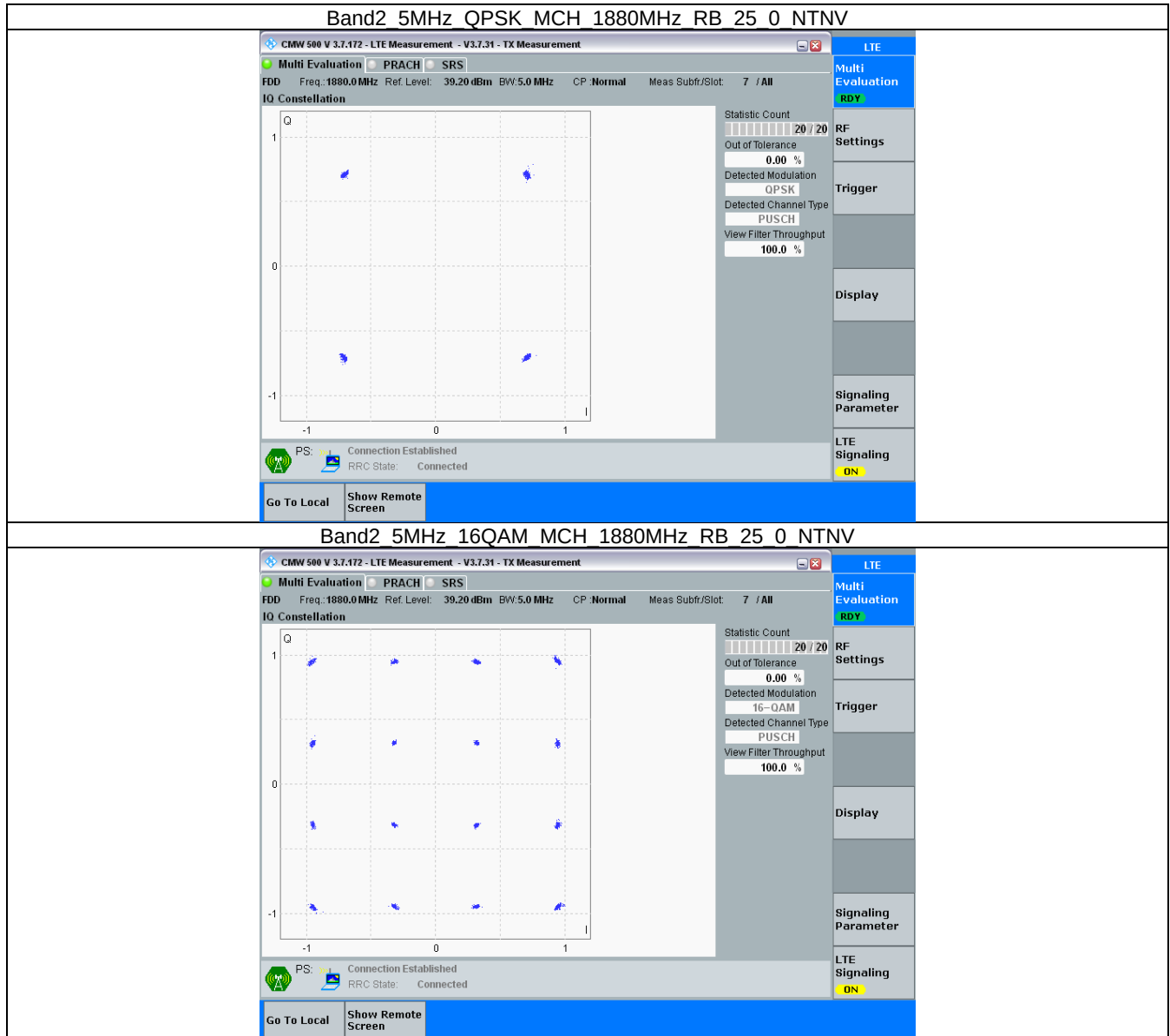
3.2.1 B2_1.4MHz



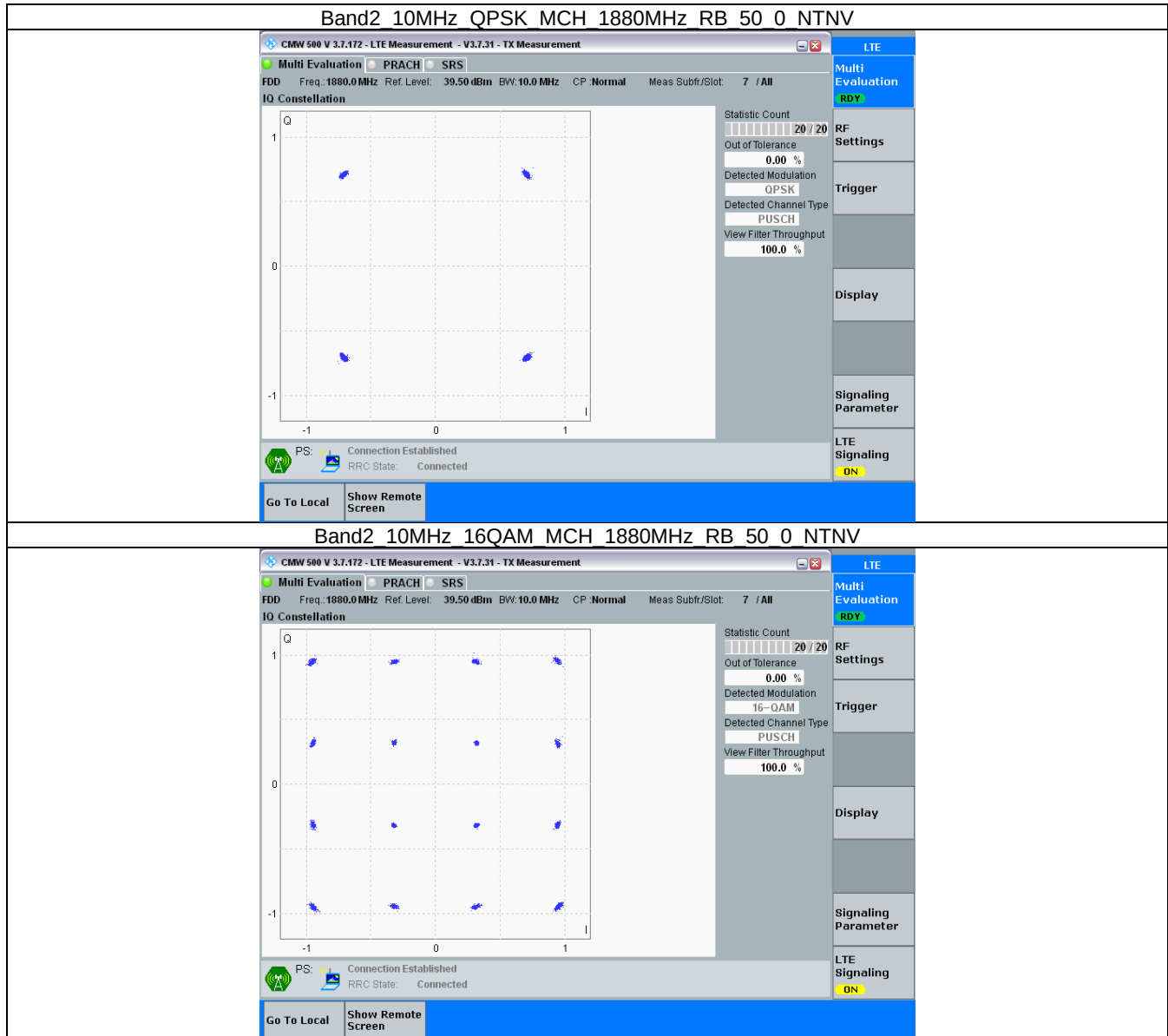
3.2.2 B2_3MHz



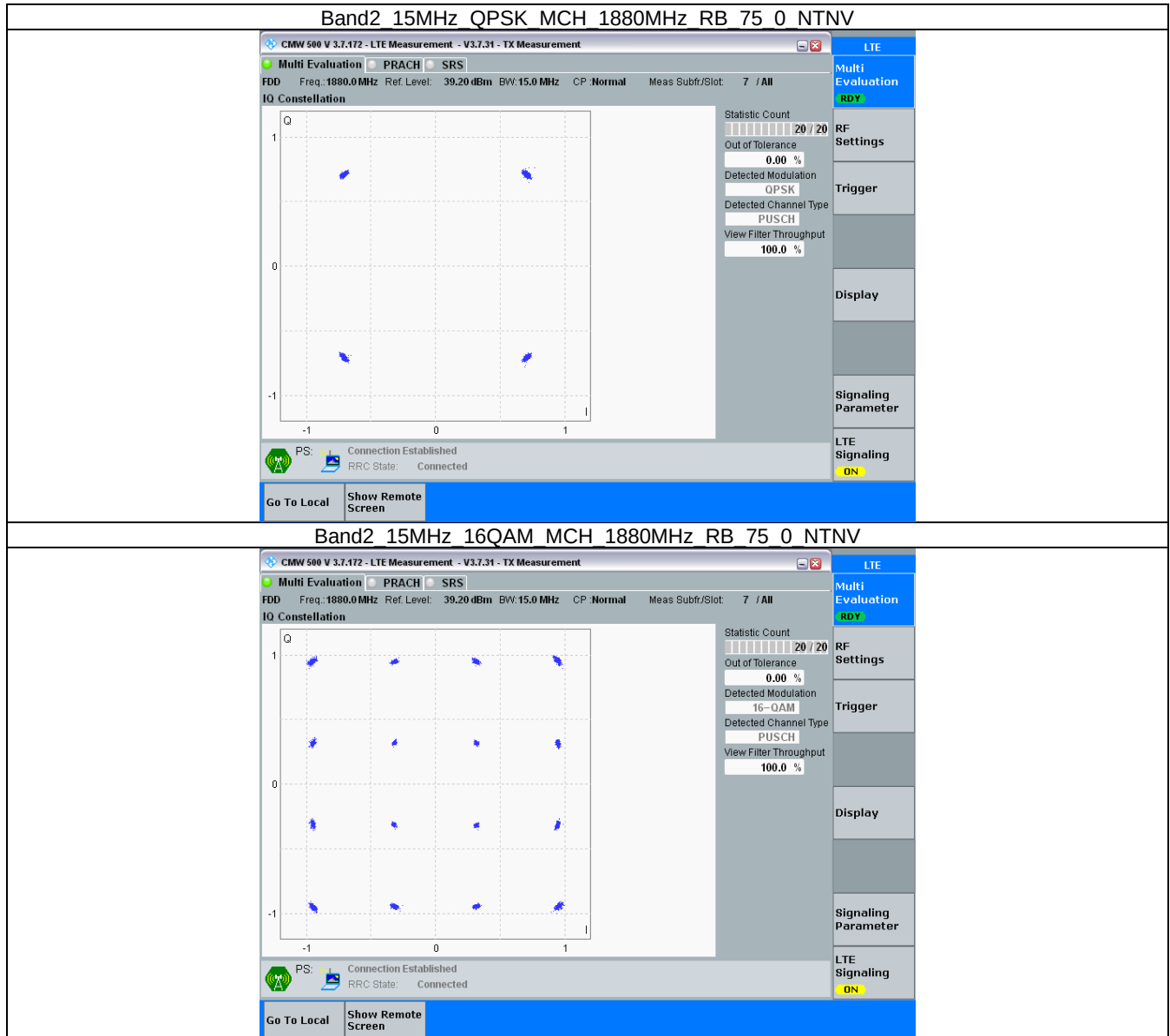
3.2.3 B2_5MHz



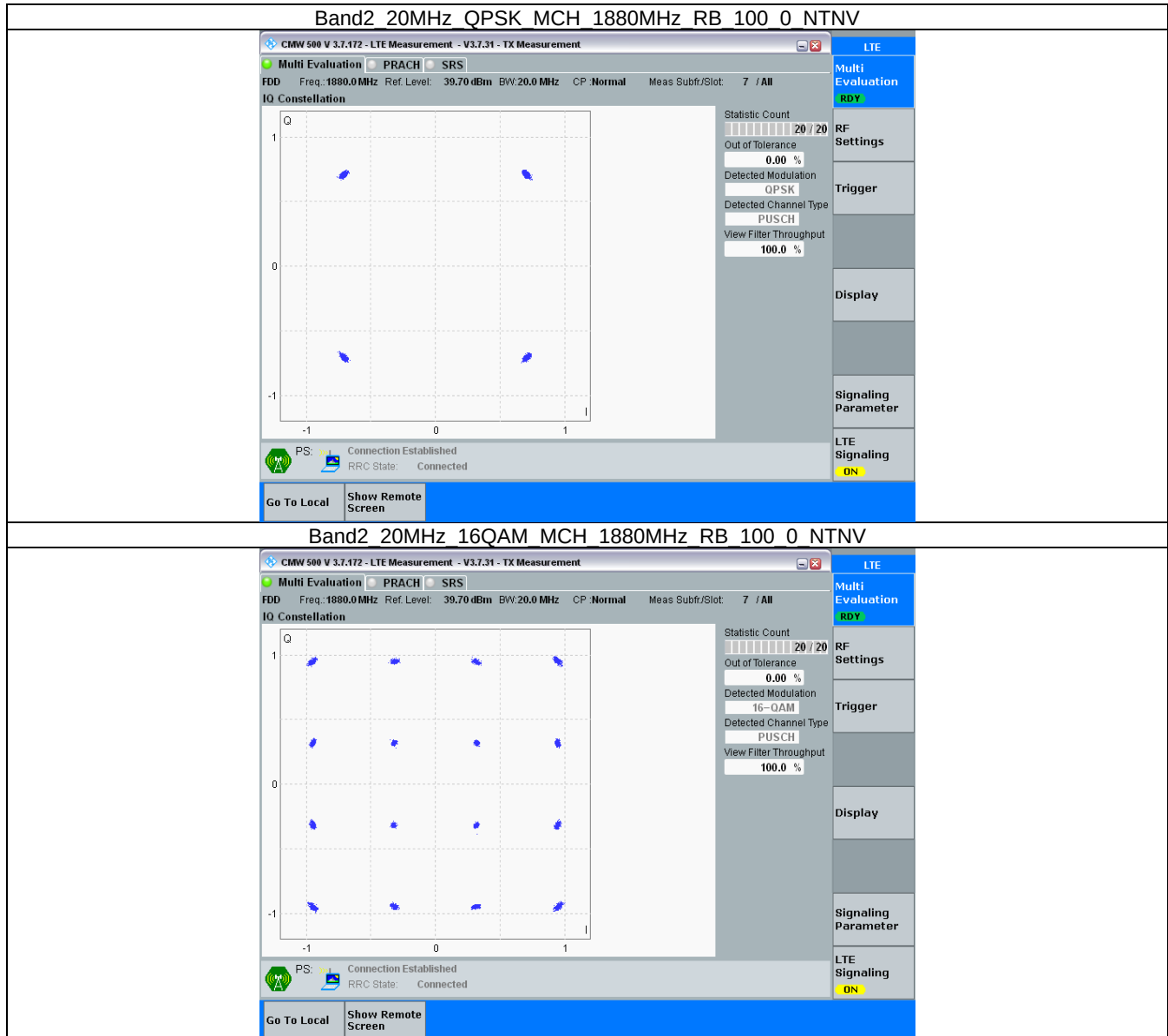
3.2.4 B2_10MHz



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 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.109	/	Pass
		1880	6	0	1.117	/	Pass
		1909.3	6	0	1.111	/	Pass
	16QAM	1850.7	6	0	1.114	/	Pass
		1880	6	0	1.109	/	Pass
		1909.3	6	0	1.116	/	Pass
3	QPSK	1851.5	15	0	2.752	/	Pass
		1880	15	0	2.757	/	Pass
		1908.5	15	0	2.758	/	Pass
	16QAM	1851.5	15	0	2.751	/	Pass
		1880	15	0	2.748	/	Pass
		1908.5	15	0	2.740	/	Pass
5	QPSK	1852.5	25	0	4.568	/	Pass
		1880	25	0	4.556	/	Pass
		1907.5	25	0	4.546	/	Pass
	16QAM	1852.5	25	0	4.548	/	Pass
		1880	25	0	4.530	/	Pass
		1907.5	25	0	4.561	/	Pass
10	QPSK	1855	50	0	9.072	/	Pass
		1880	50	0	9.071	/	Pass
		1905	50	0	9.051	/	Pass
	16QAM	1855	50	0	9.073	/	Pass
		1880	50	0	9.087	/	Pass
		1905	50	0	9.084	/	Pass
15	QPSK	1857.5	75	0	13.601	/	Pass
		1880	75	0	13.595	/	Pass
		1902.5	75	0	13.599	/	Pass
	16QAM	1857.5	75	0	13.614	/	Pass
		1880	75	0	13.629	/	Pass
		1902.5	75	0	13.653	/	Pass
20	QPSK	1860	100	0	18.105	/	Pass
		1880	100	0	18.164	/	Pass
		1900	100	0	18.173	/	Pass
	16QAM	1860	100	0	18.168	/	Pass
		1880	100	0	18.189	/	Pass
		1900	100	0	18.135	/	Pass

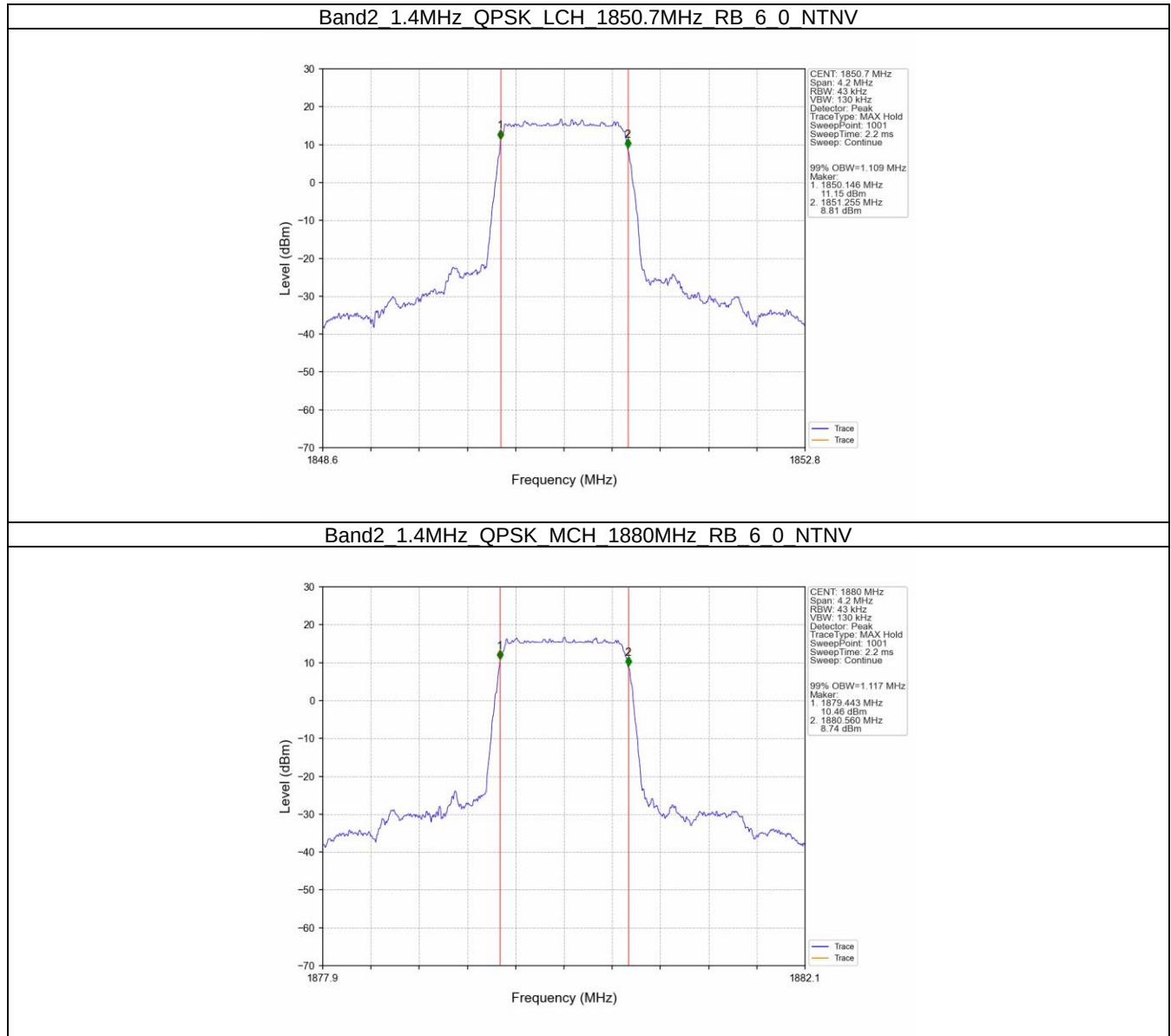
4.1.2 Band2_XDB

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	1.273	/	Pass
		1880	6	0	1.270	/	Pass
		1909.3	6	0	1.274	/	Pass

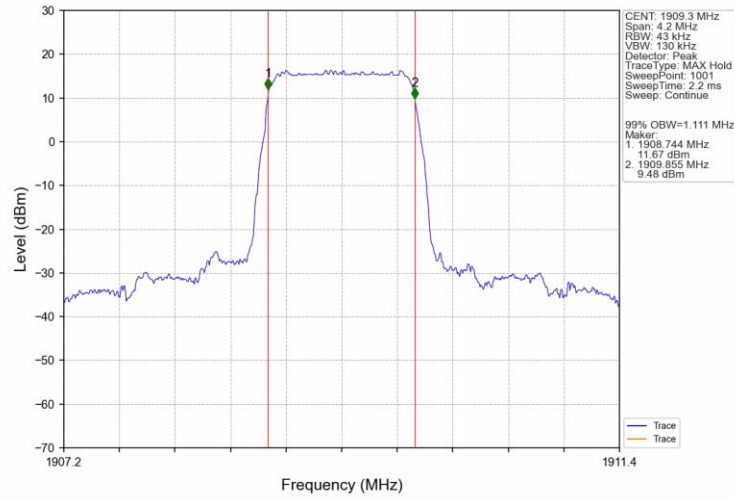
	16QAM	1850.7	6	0	1.273	/	Pass
		1880	6	0	1.267	/	Pass
		1909.3	6	0	1.272	/	Pass
3	QPSK	1851.5	15	0	3.096	/	Pass
		1880	15	0	3.094	/	Pass
		1908.5	15	0	3.081	/	Pass
	16QAM	1851.5	15	0	3.120	/	Pass
		1880	15	0	3.119	/	Pass
		1908.5	15	0	3.100	/	Pass
5	QPSK	1852.5	25	0	5.040	/	Pass
		1880	25	0	5.057	/	Pass
		1907.5	25	0	5.057	/	Pass
	16QAM	1852.5	25	0	5.057	/	Pass
		1880	25	0	5.066	/	Pass
		1907.5	25	0	5.056	/	Pass
10	QPSK	1855	50	0	10.027	/	Pass
		1880	50	0	10.035	/	Pass
		1905	50	0	10.068	/	Pass
	16QAM	1855	50	0	10.049	/	Pass
		1880	50	0	10.077	/	Pass
		1905	50	0	10.058	/	Pass
15	QPSK	1857.5	75	0	15.179	/	Pass
		1880	75	0	15.151	/	Pass
		1902.5	75	0	15.087	/	Pass
	16QAM	1857.5	75	0	15.103	/	Pass
		1880	75	0	15.164	/	Pass
		1902.5	75	0	15.116	/	Pass
20	QPSK	1860	100	0	19.850	/	Pass
		1880	100	0	20.218	/	Pass
		1900	100	0	20.064	/	Pass
	16QAM	1860	100	0	19.968	/	Pass
		1880	100	0	20.023	/	Pass
		1900	100	0	19.945	/	Pass

4.2 Test Graph

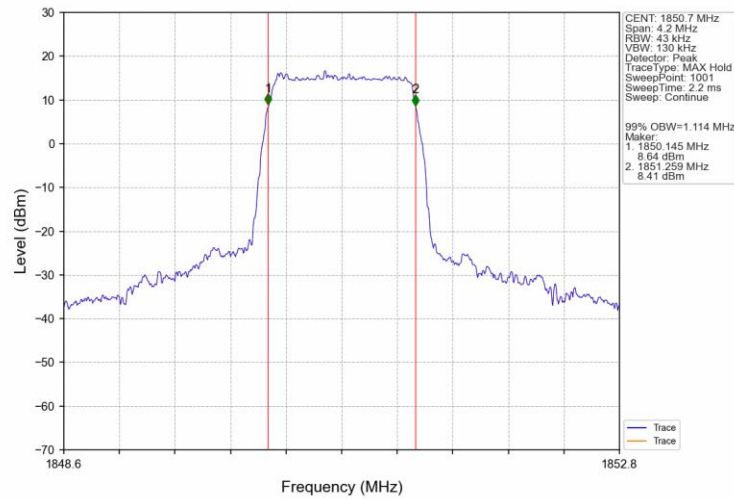
4.2.1 Band2_OBW



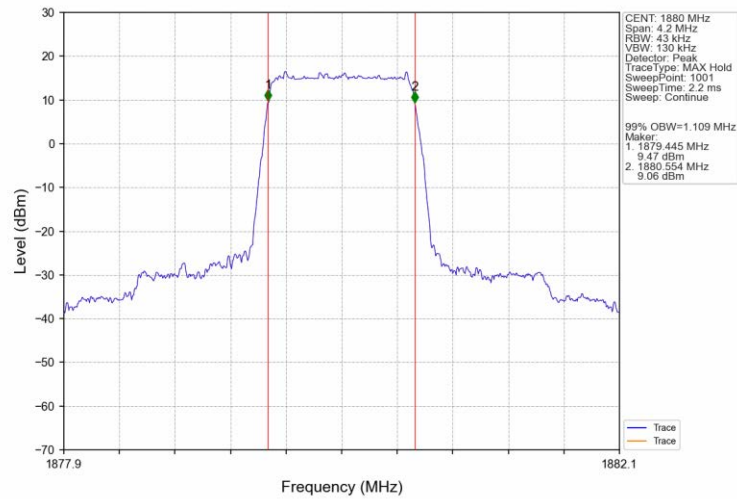
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



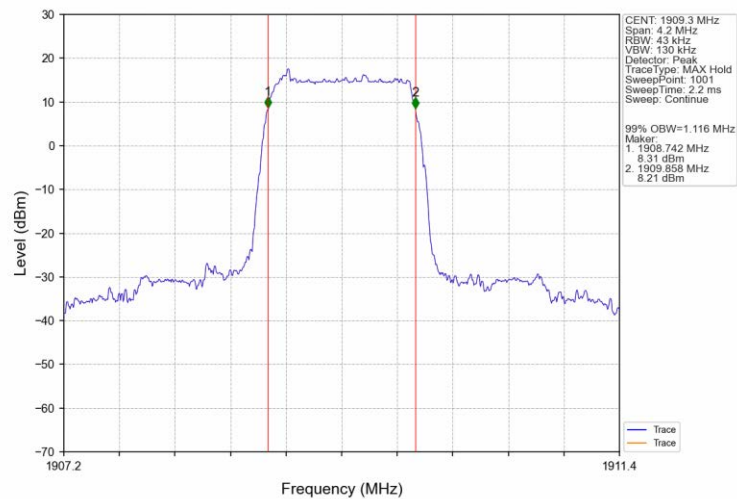
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



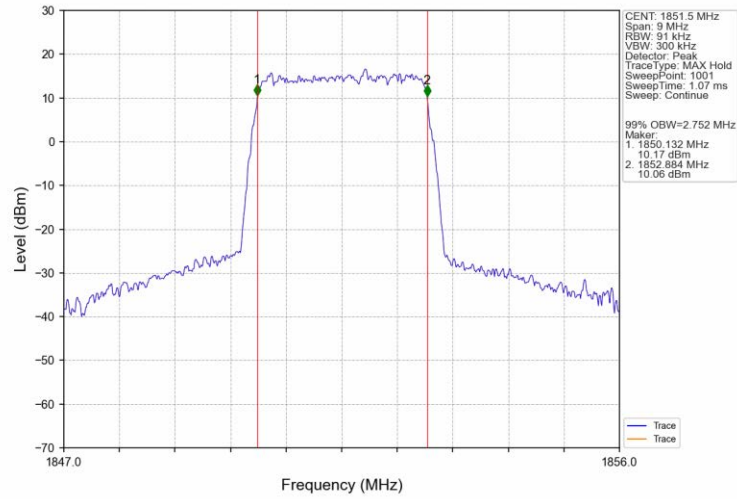
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



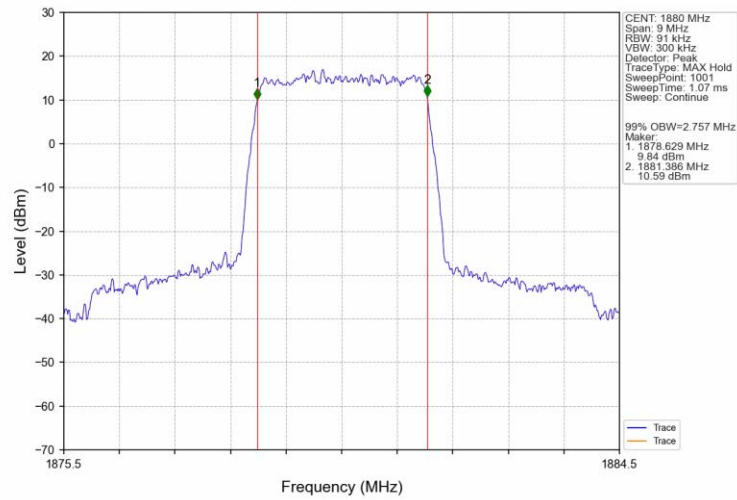
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



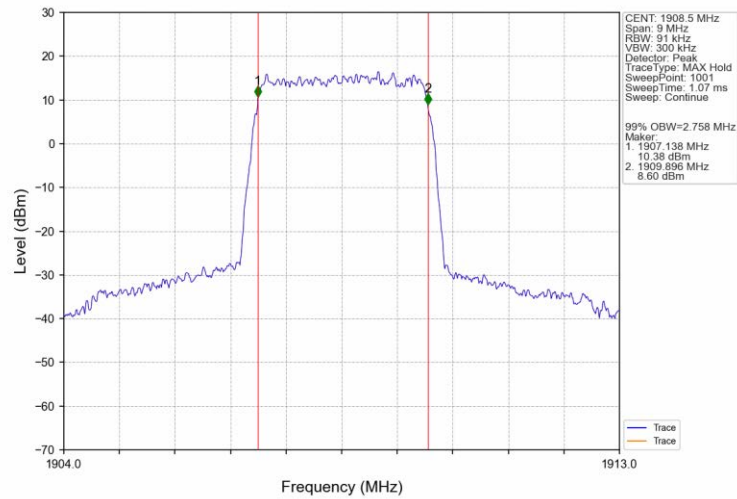
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



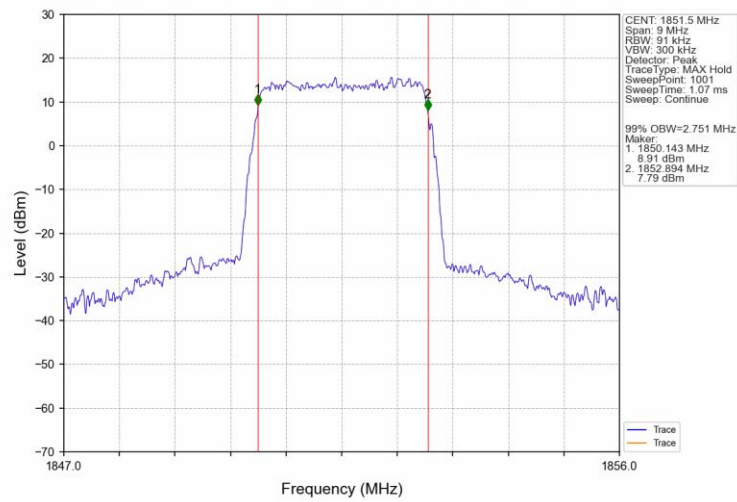
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



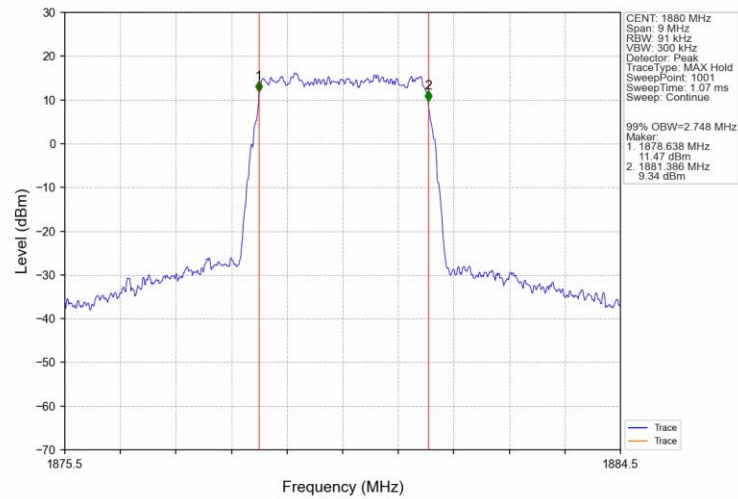
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



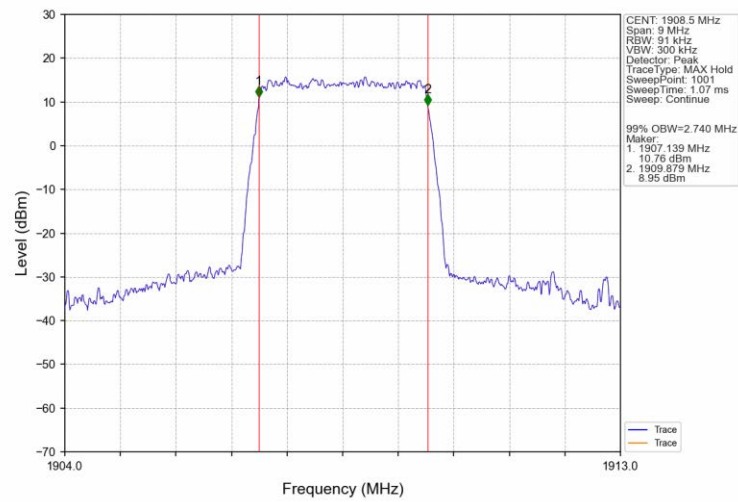
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



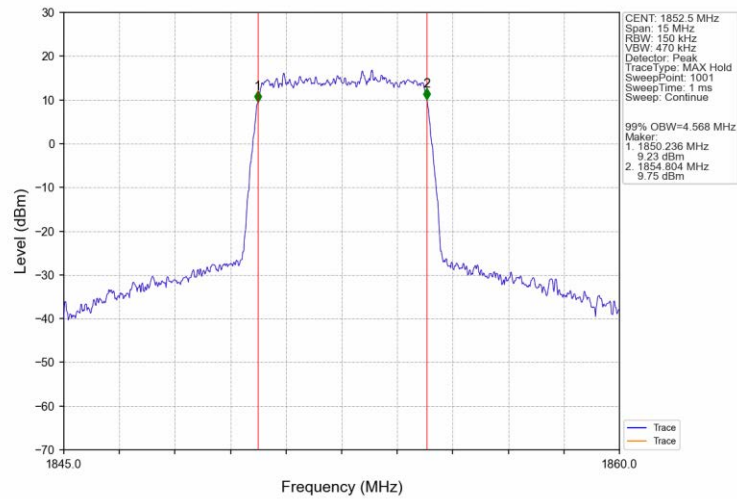
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



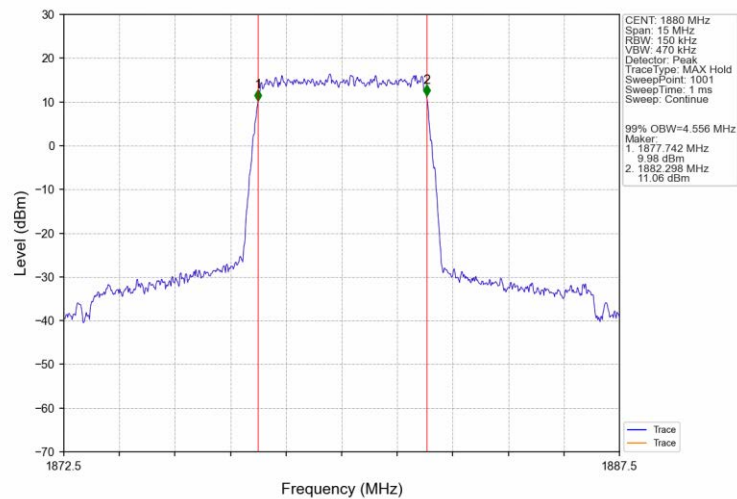
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



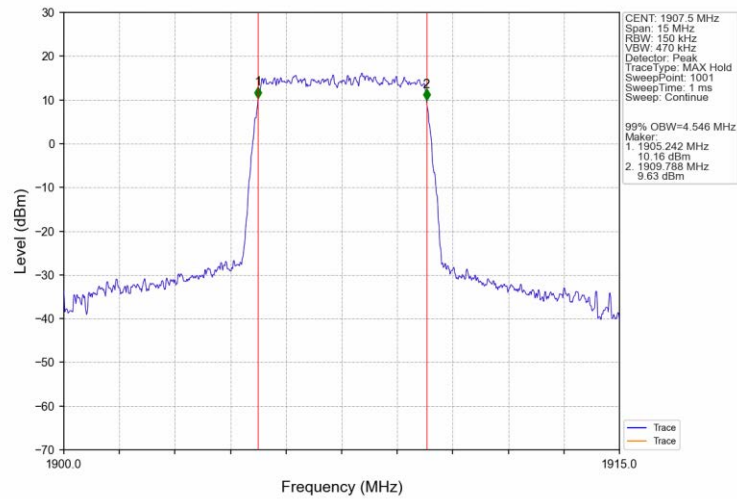
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



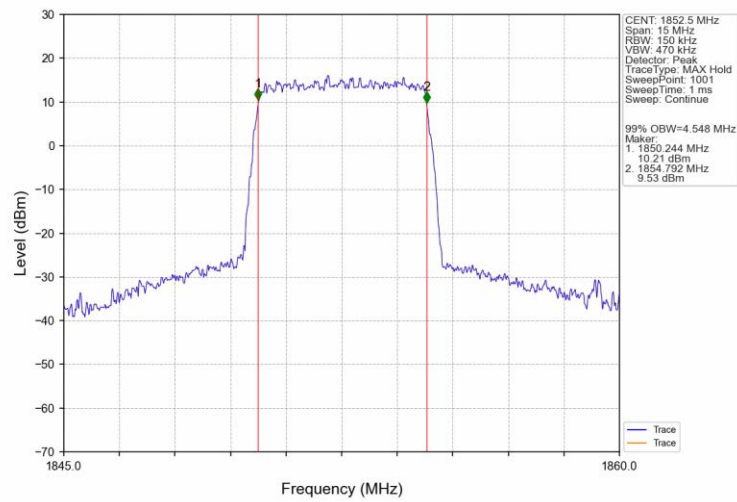
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



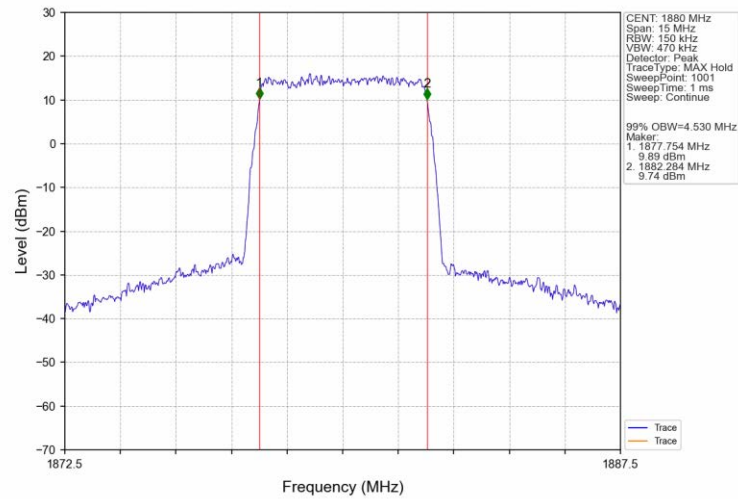
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



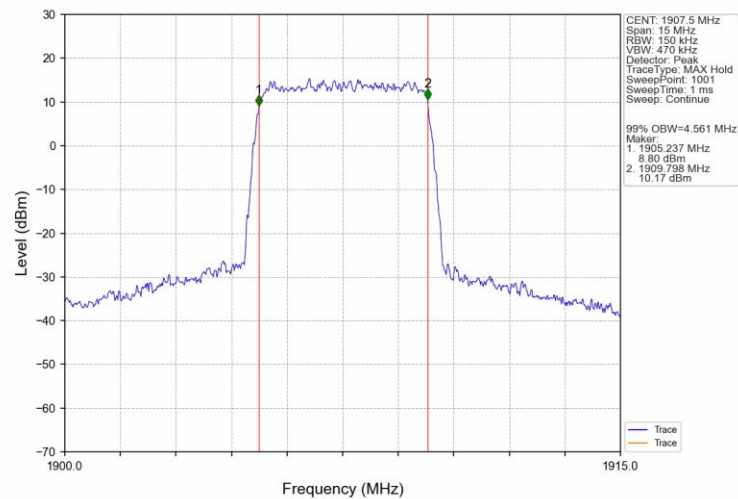
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



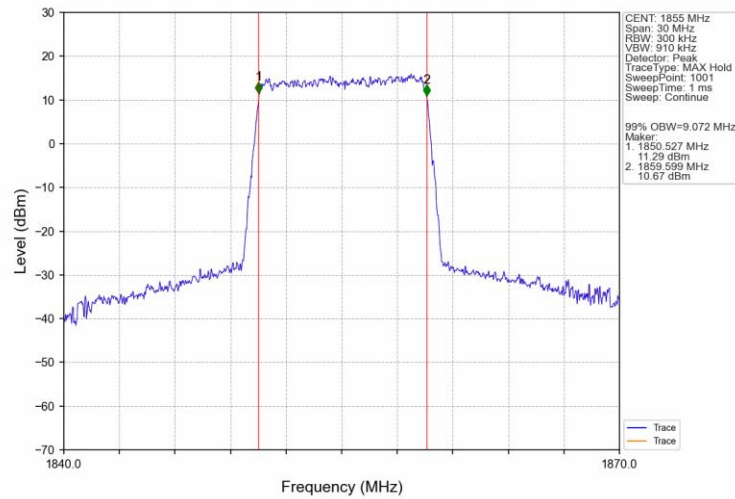
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



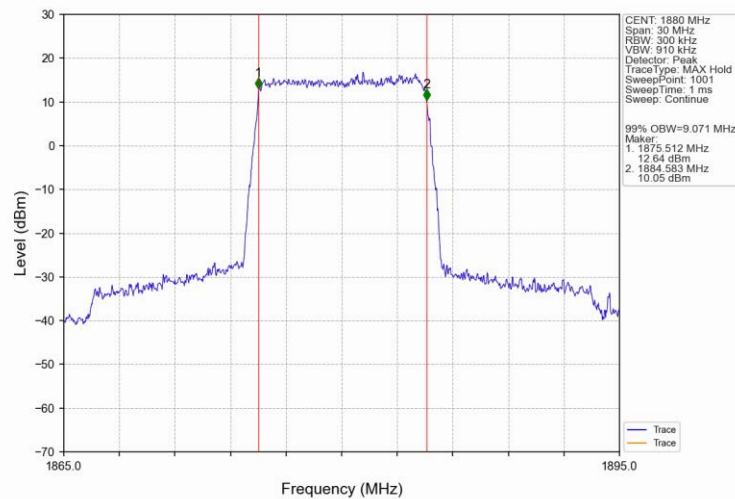
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



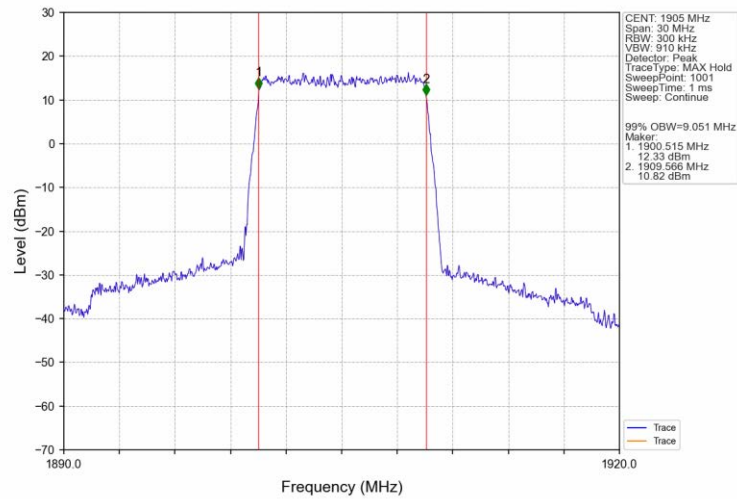
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



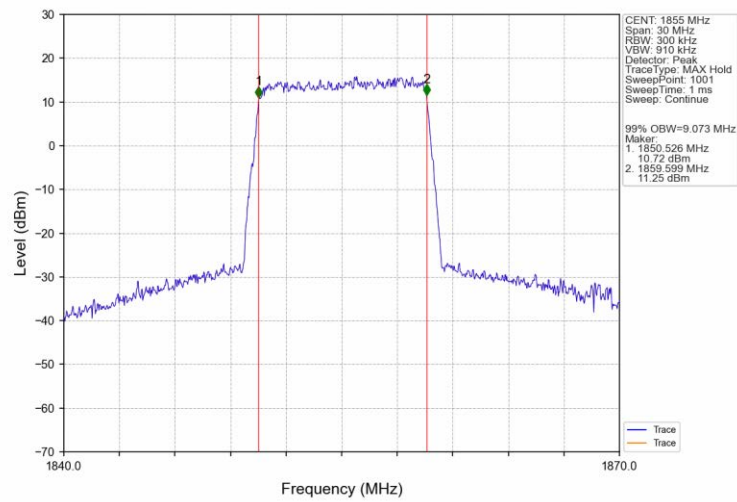
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



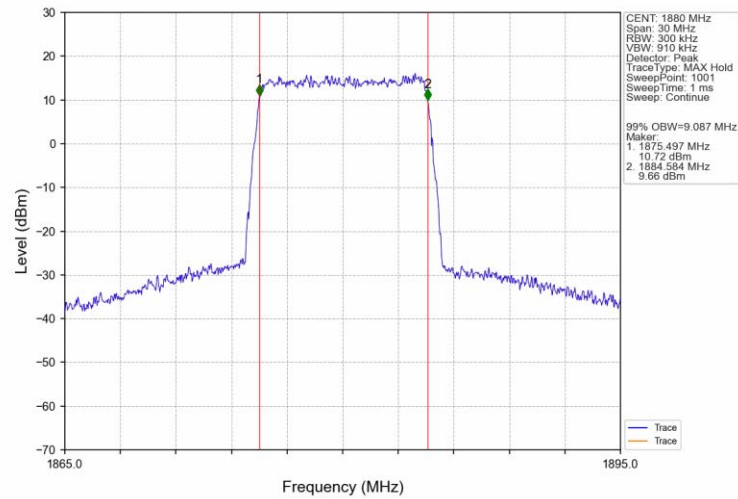
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



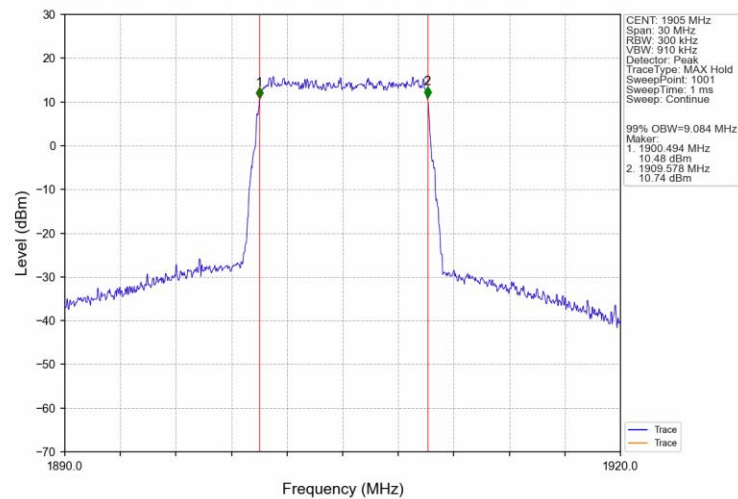
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



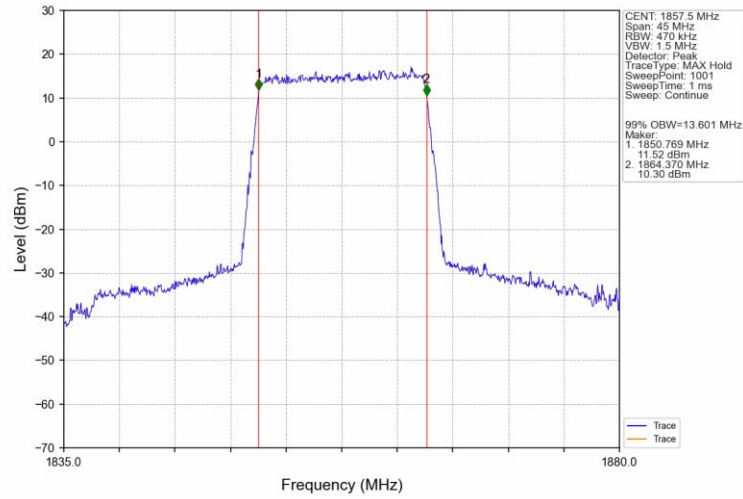
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



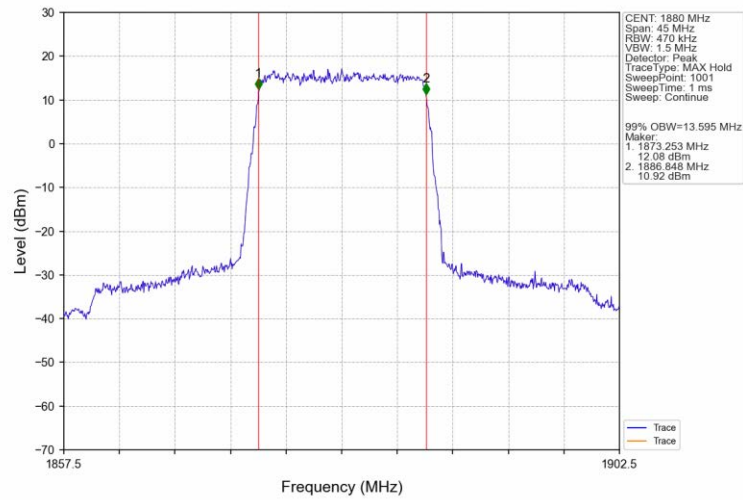
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



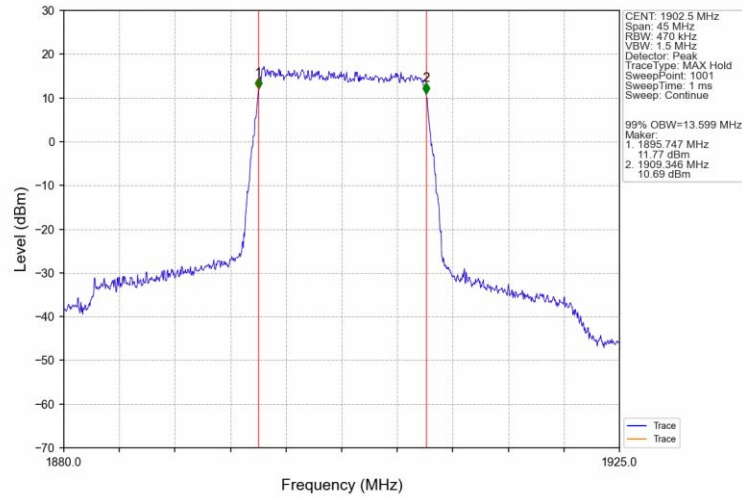
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



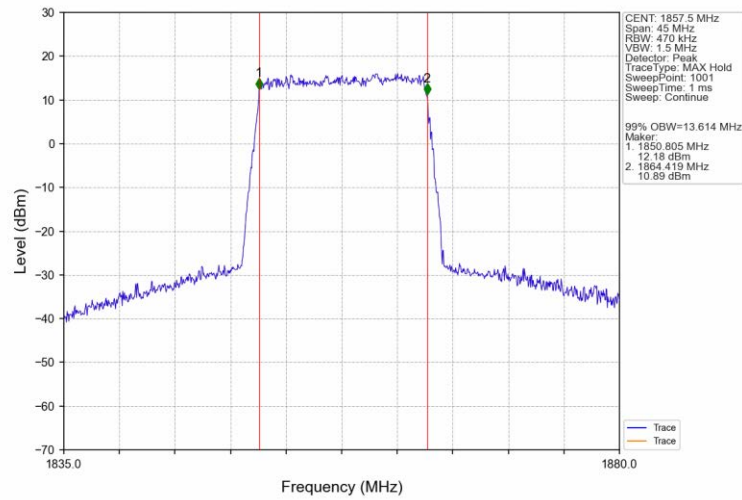
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



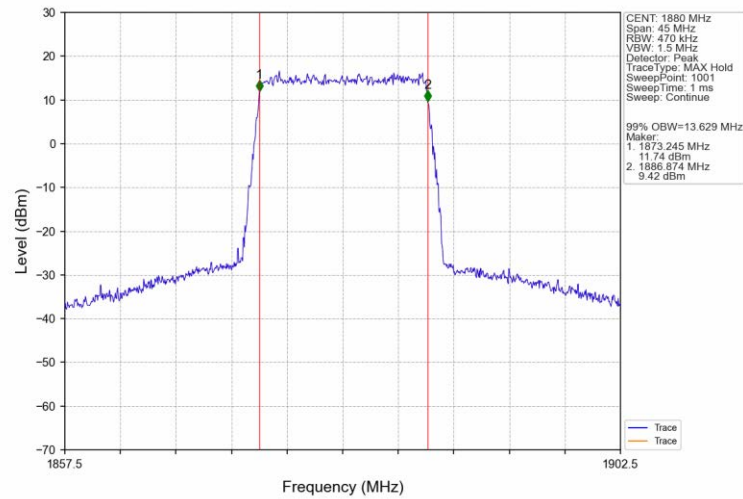
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



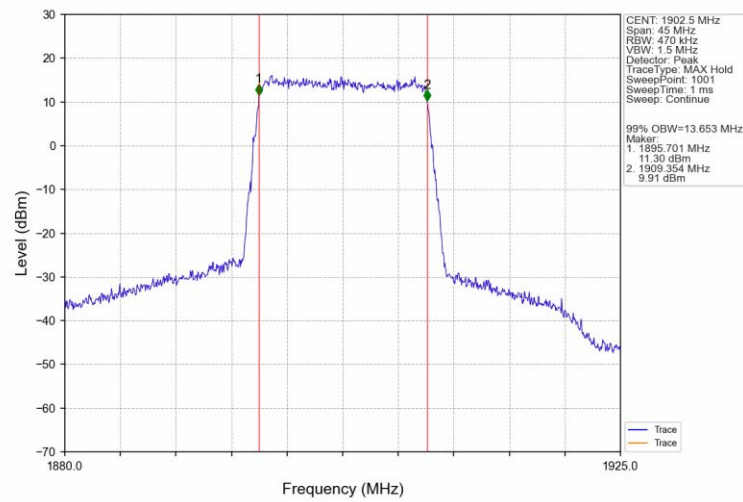
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



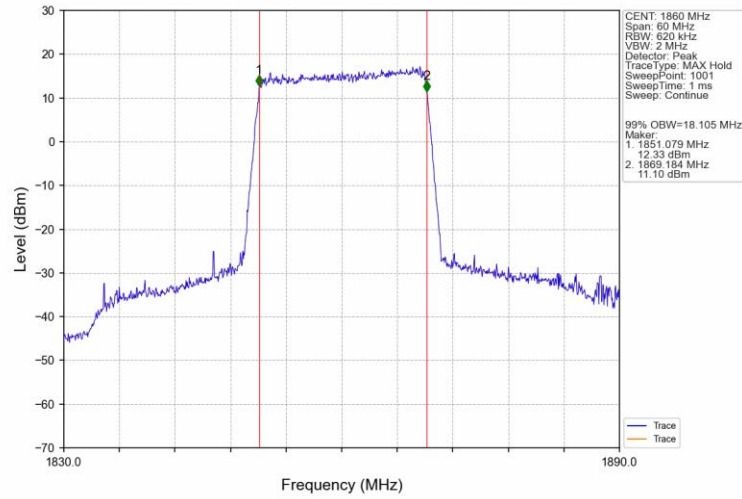
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



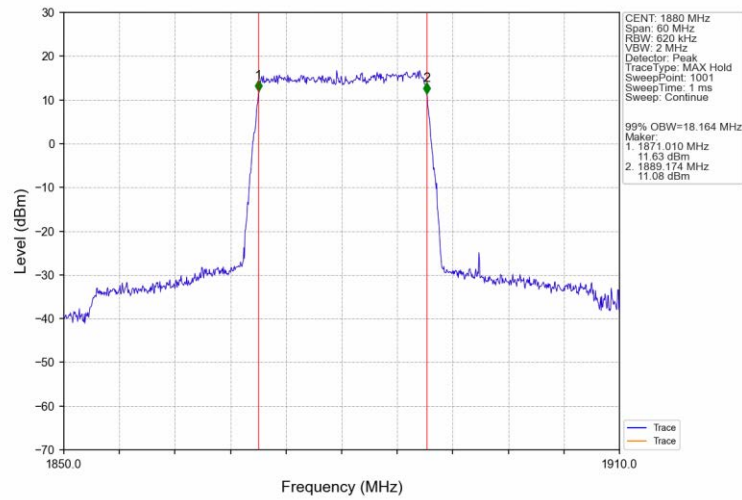
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



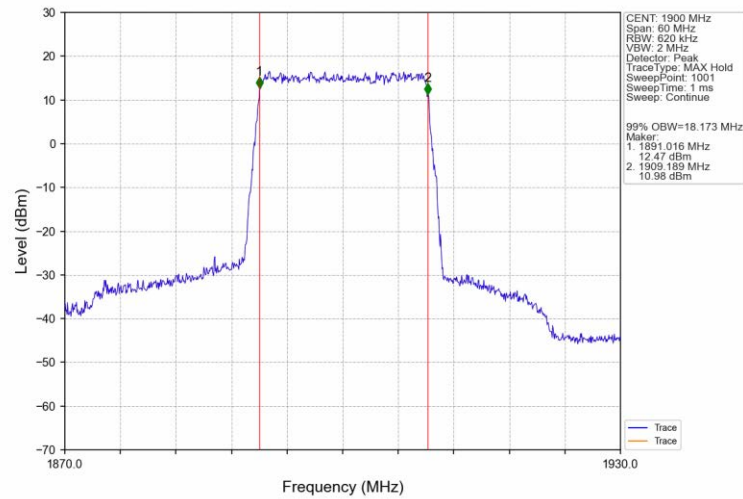
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



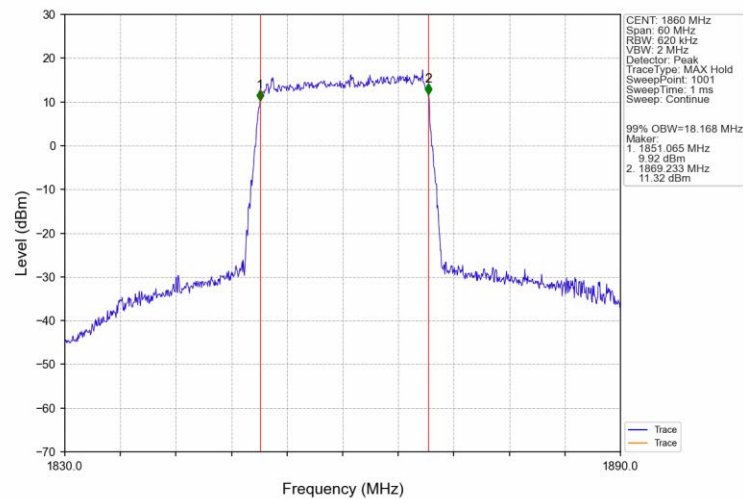
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



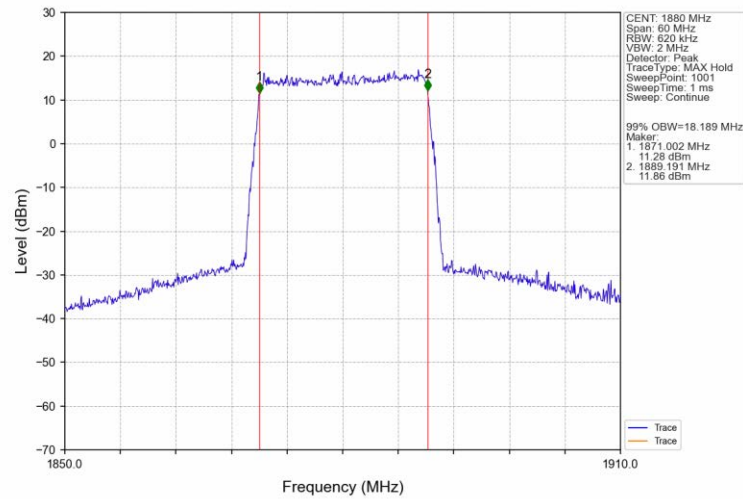
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



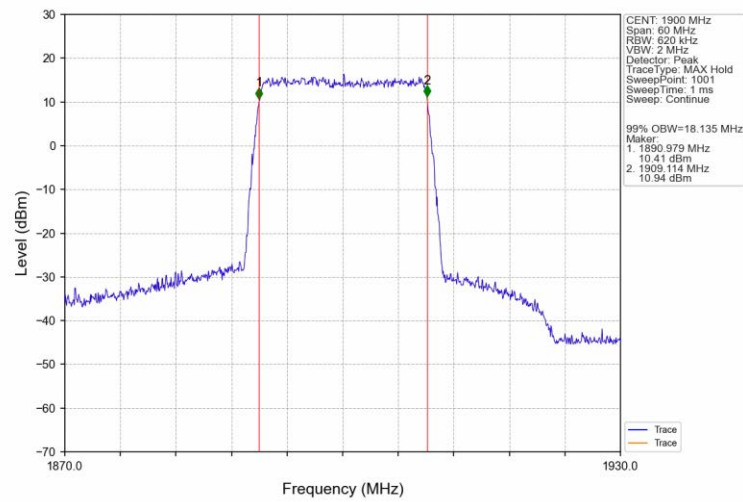
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

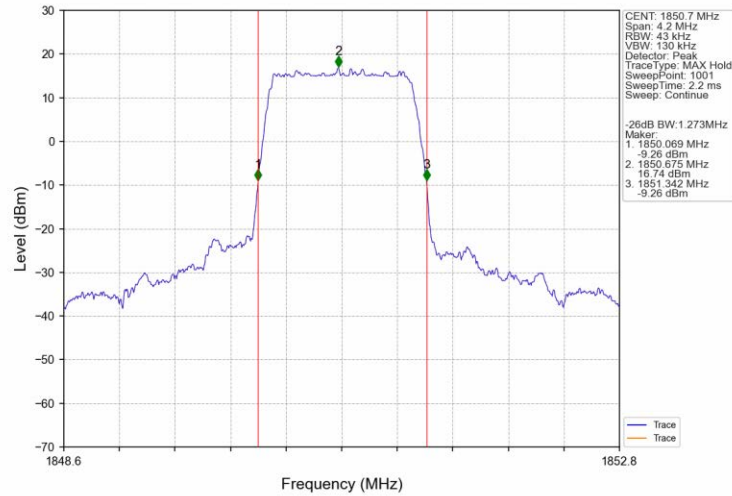


Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

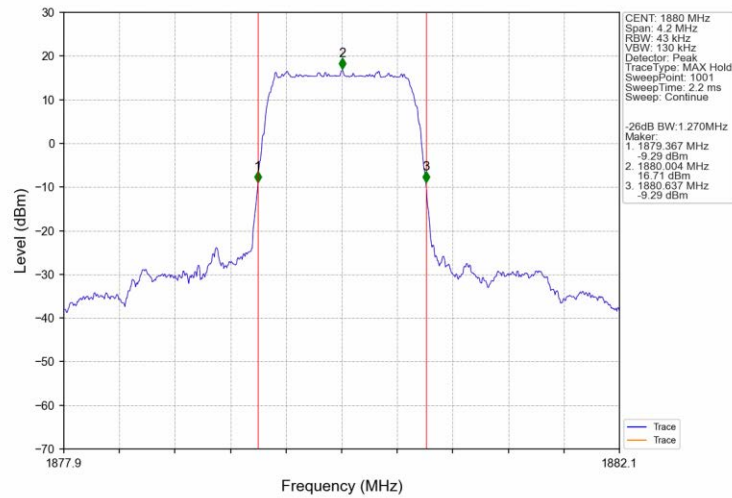


4.2.2 Band2_XDB

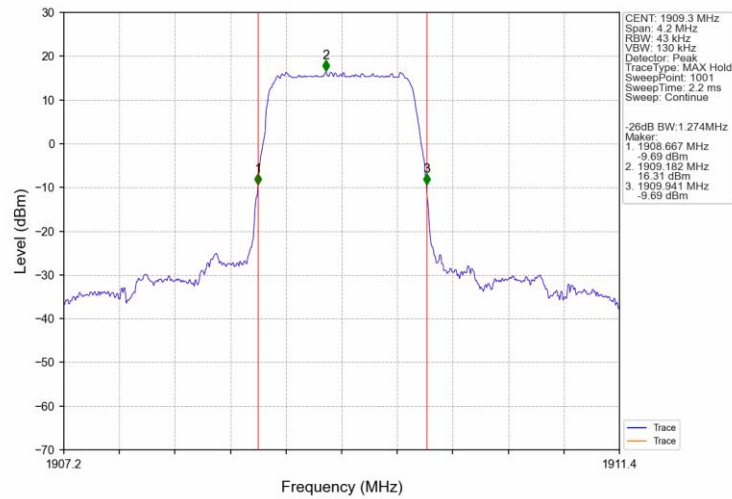
Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



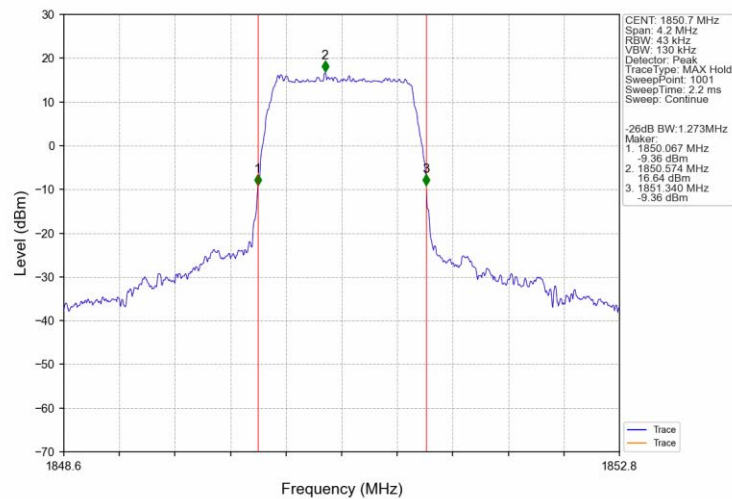
Band2 1.4MHz QPSK MCH 1880MHz RB 6 0 NTV



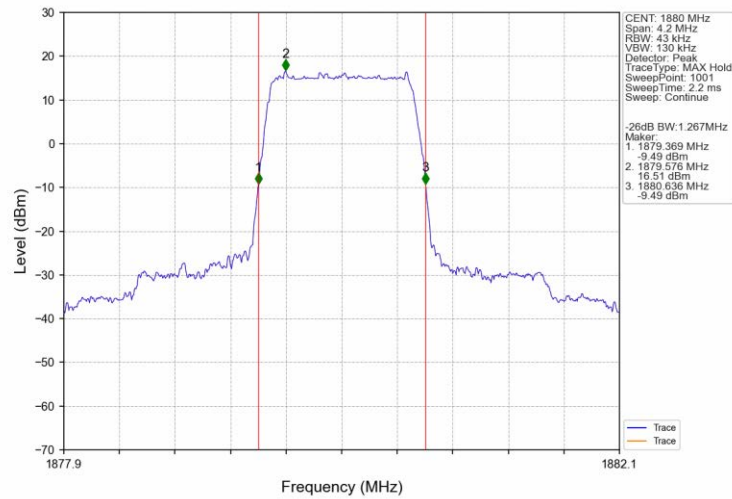
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



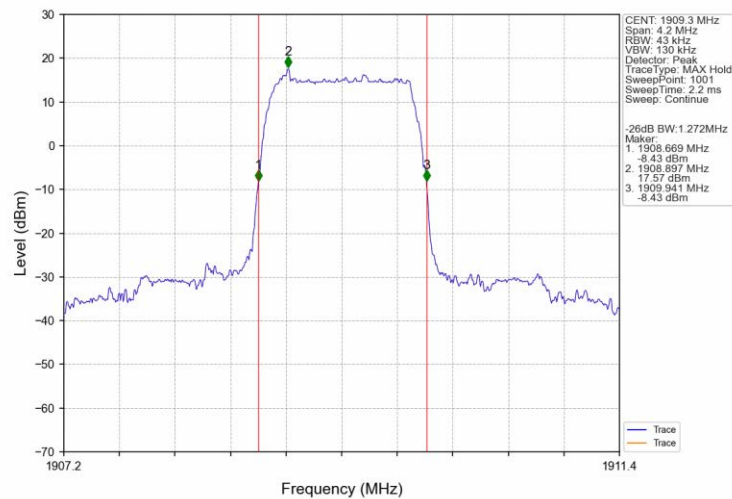
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



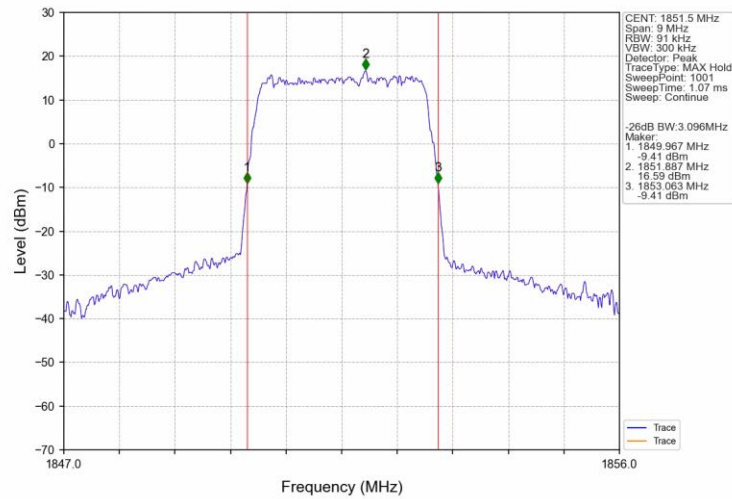
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



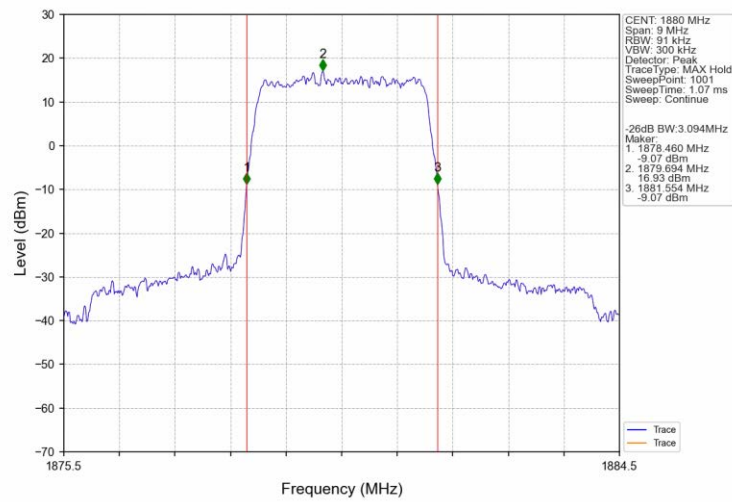
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



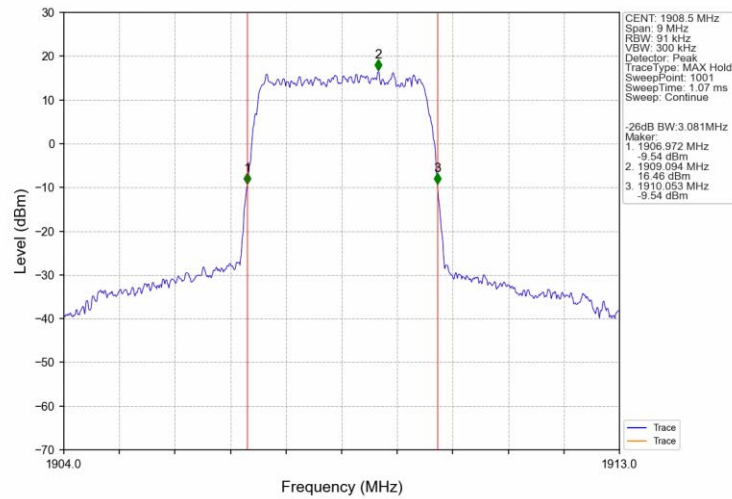
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



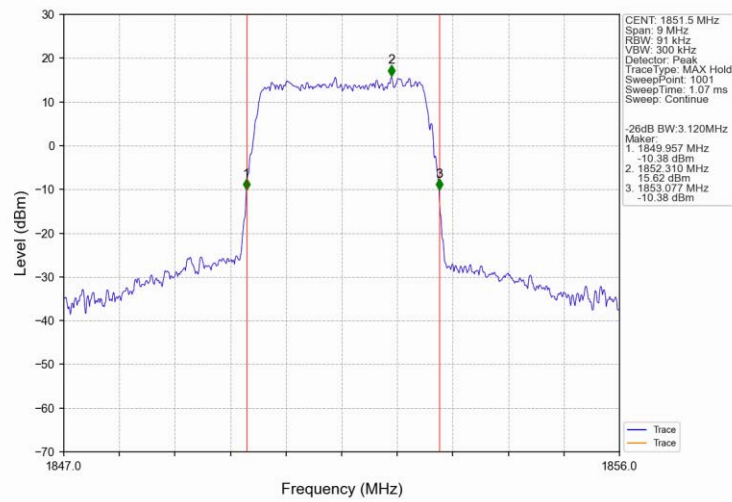
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



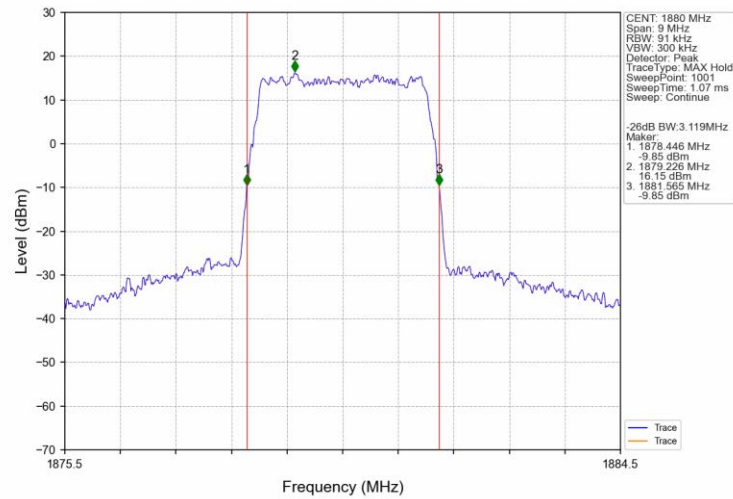
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



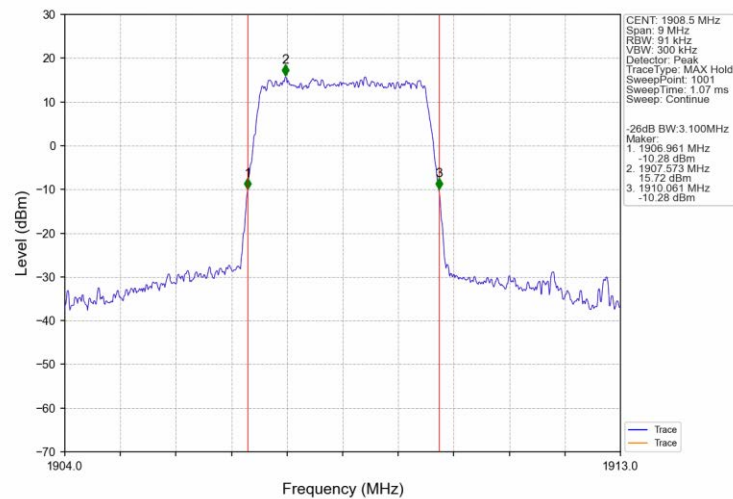
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



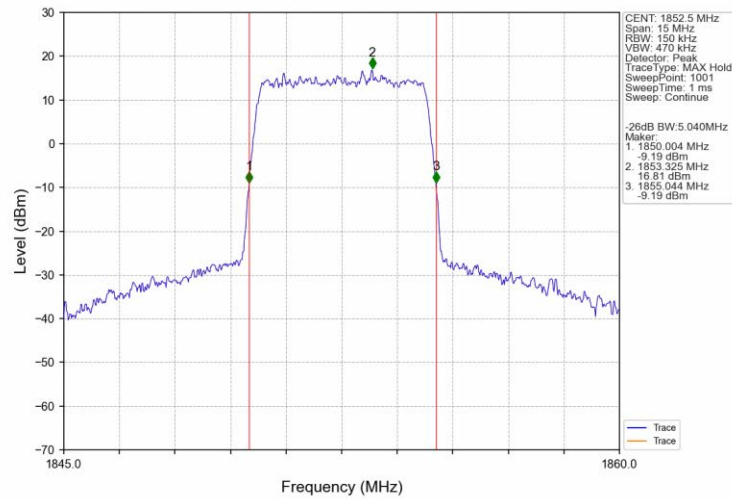
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



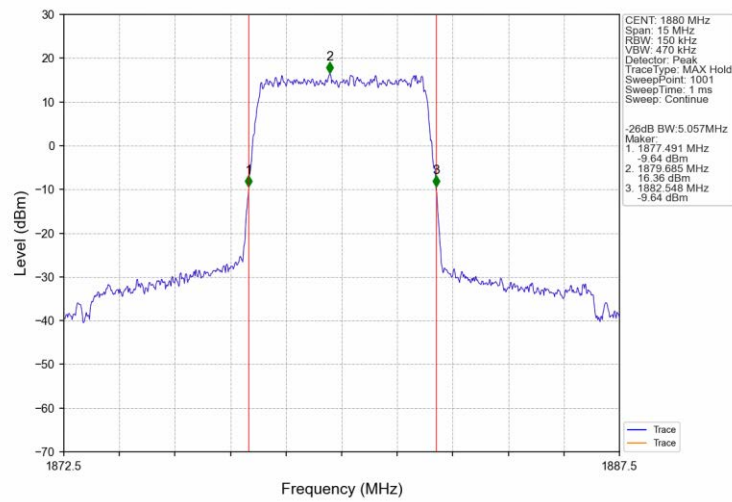
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



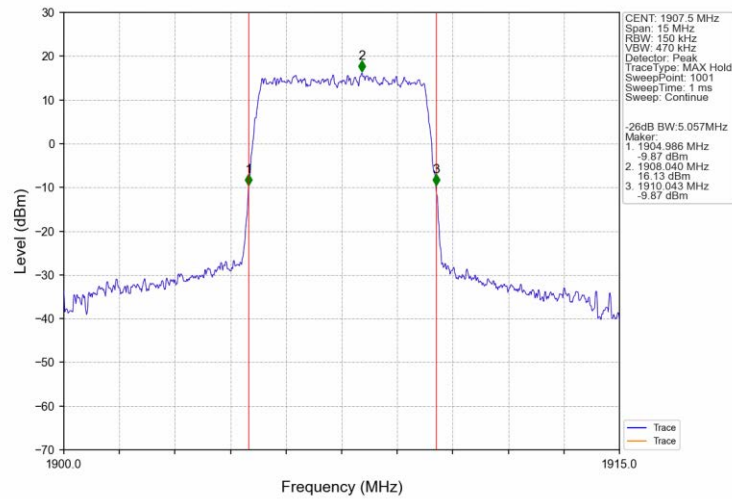
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



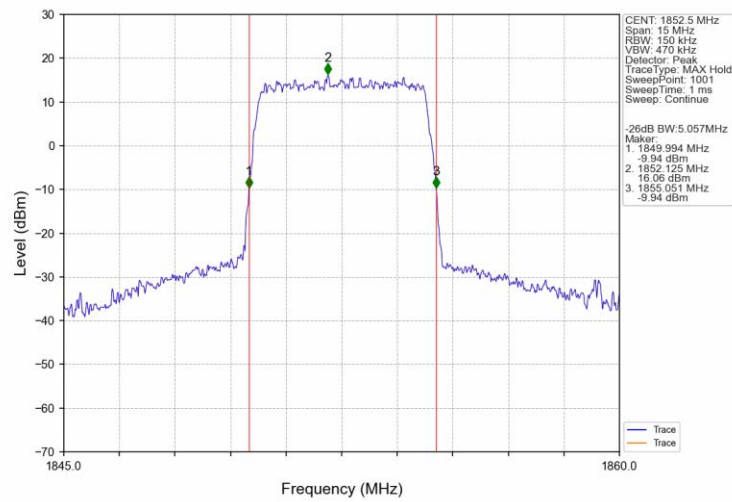
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



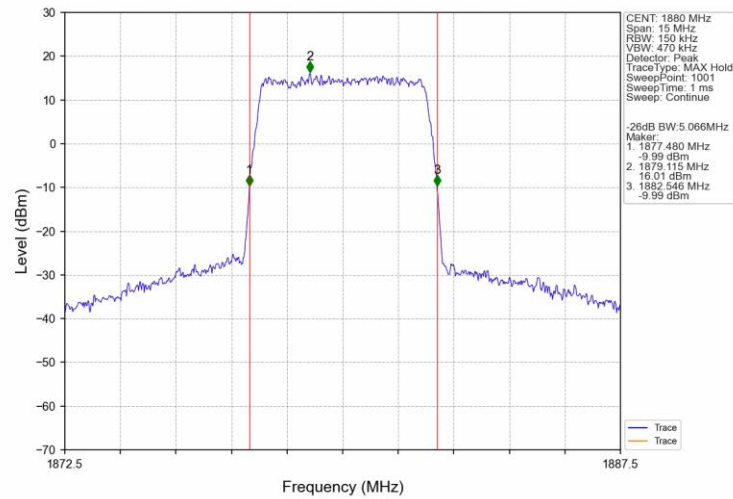
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



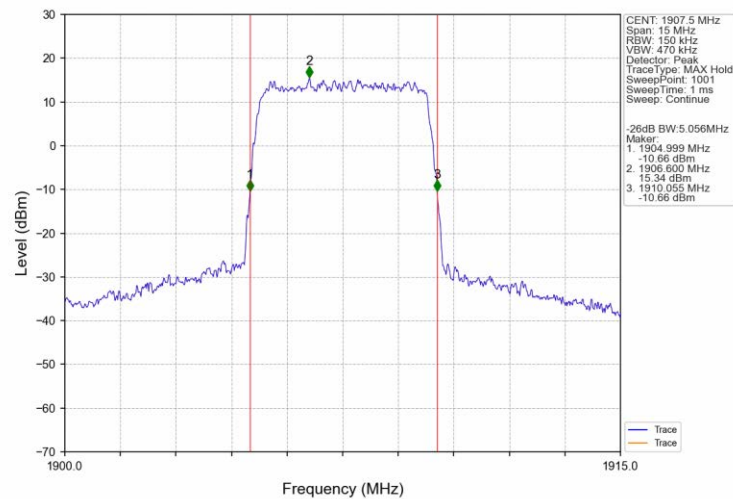
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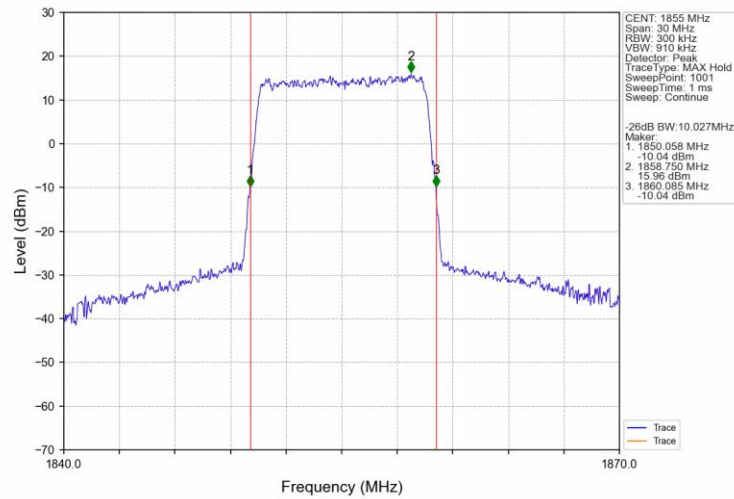
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



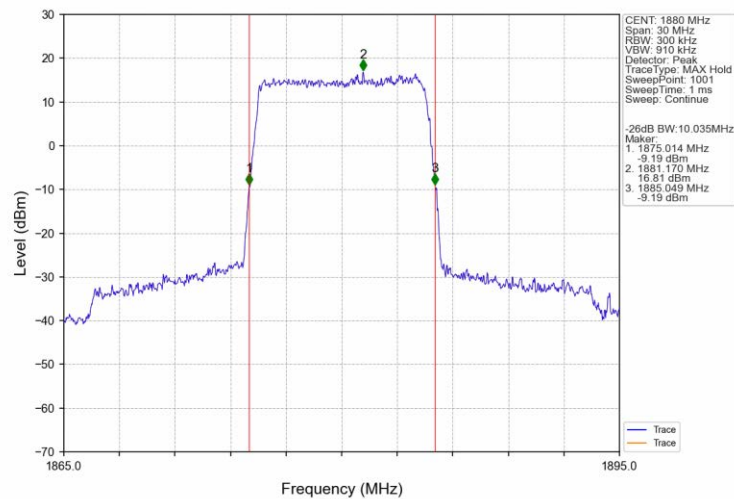
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



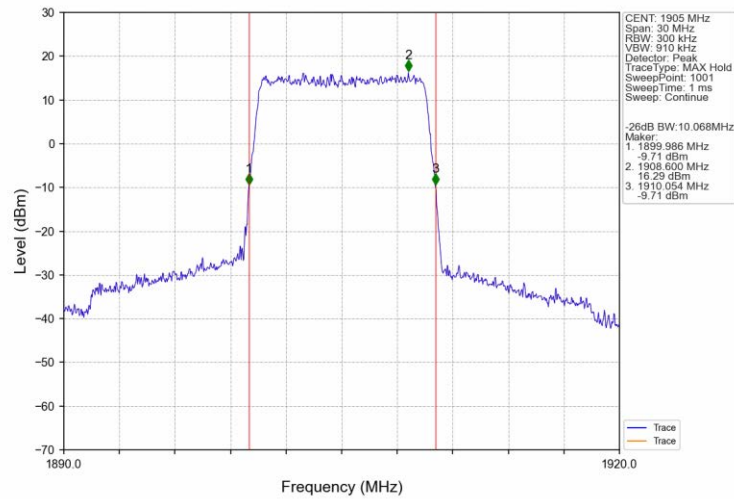
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



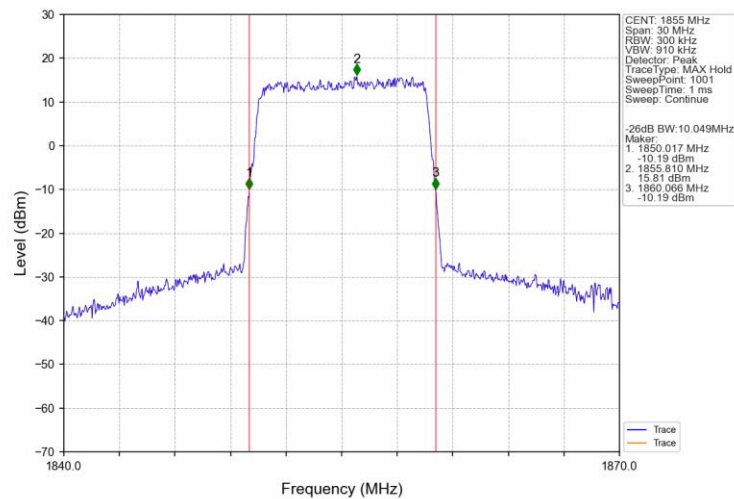
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



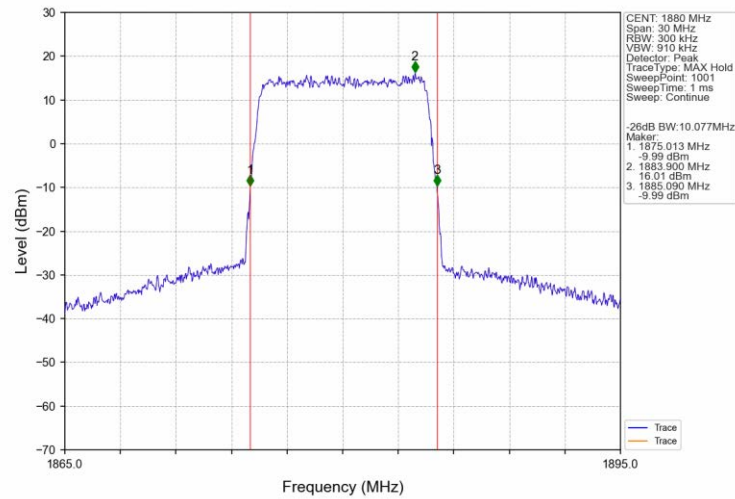
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



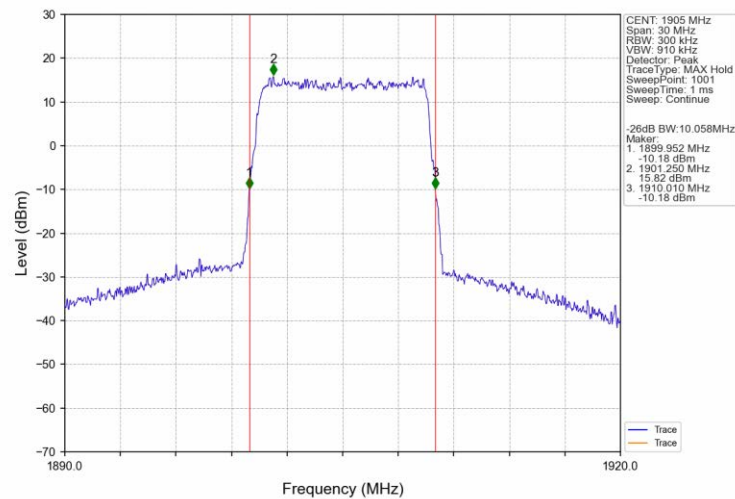
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



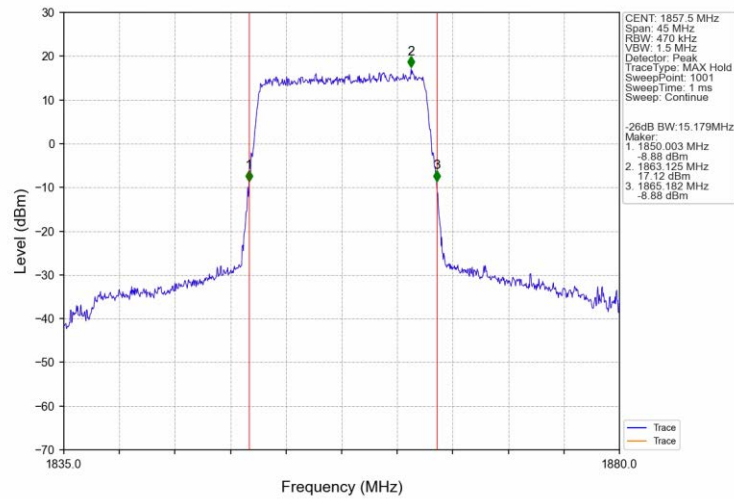
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



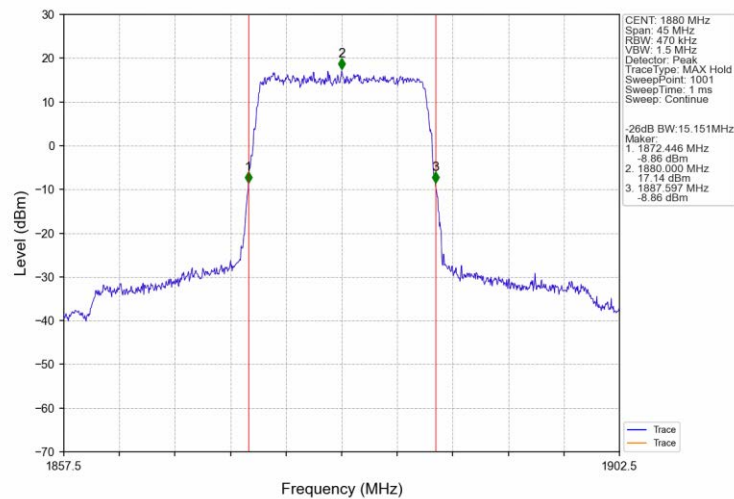
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



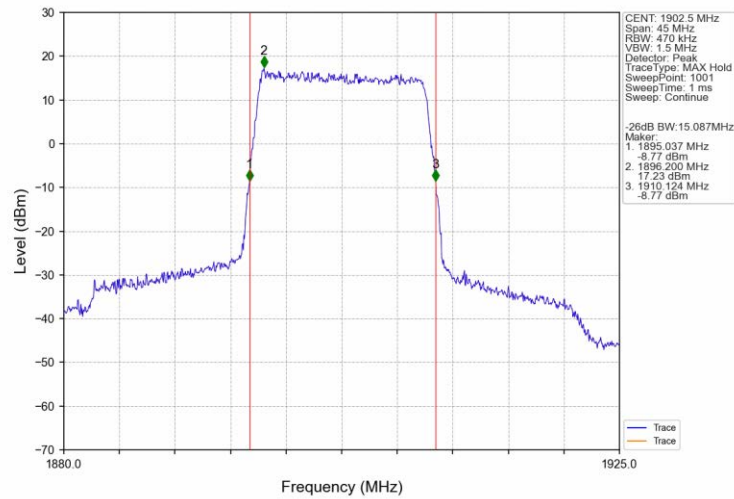
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



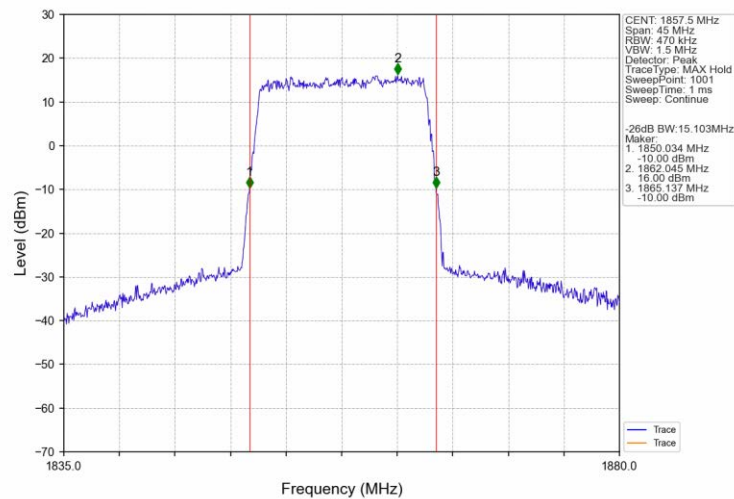
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



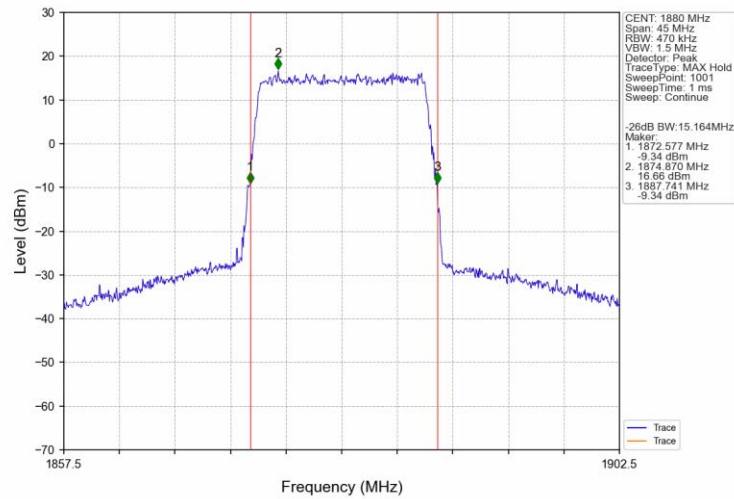
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



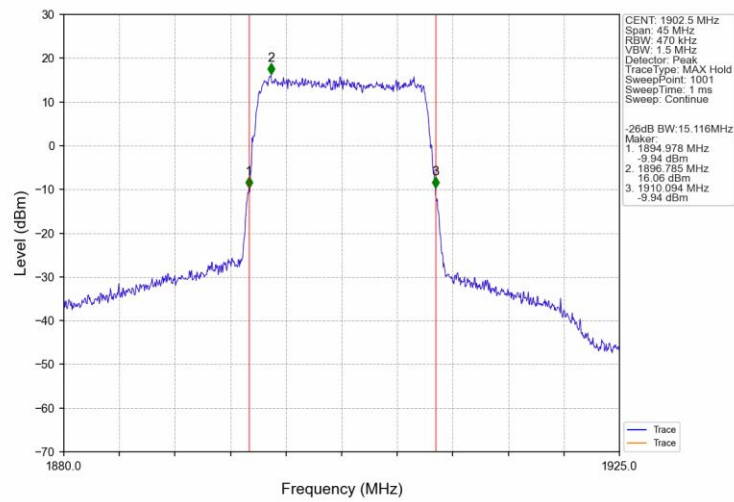
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



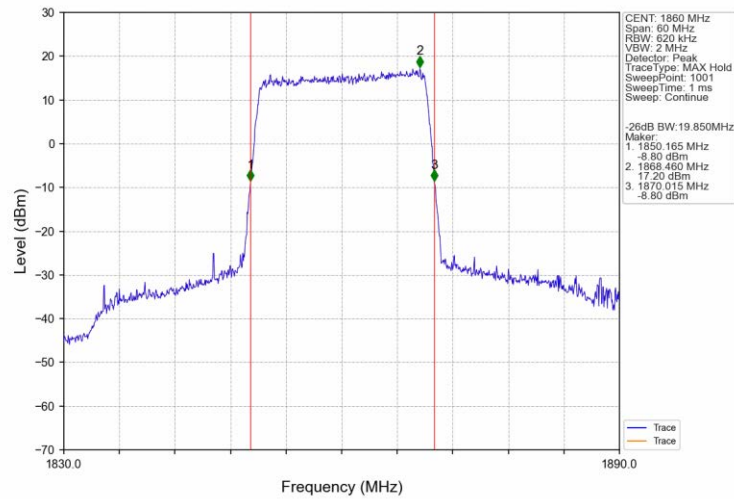
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



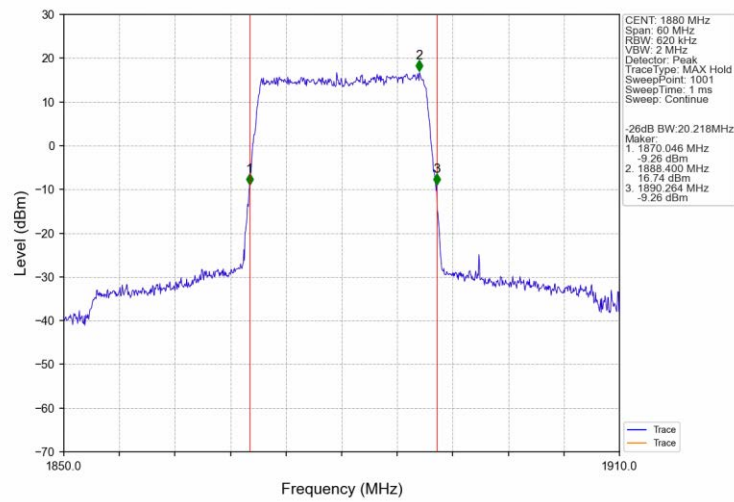
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



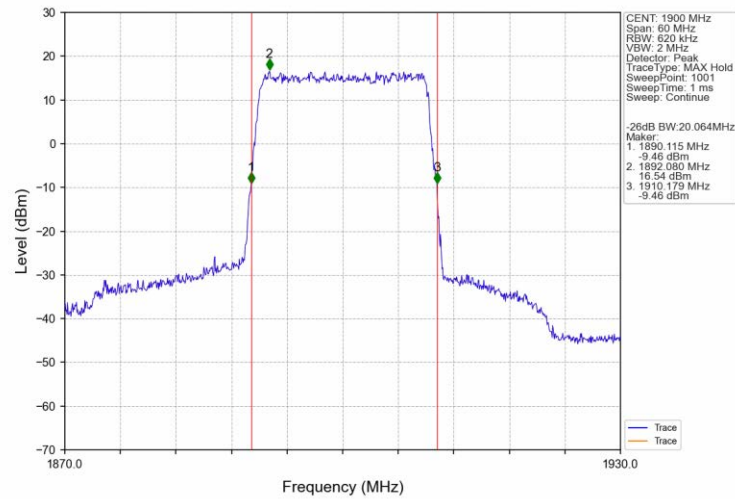
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



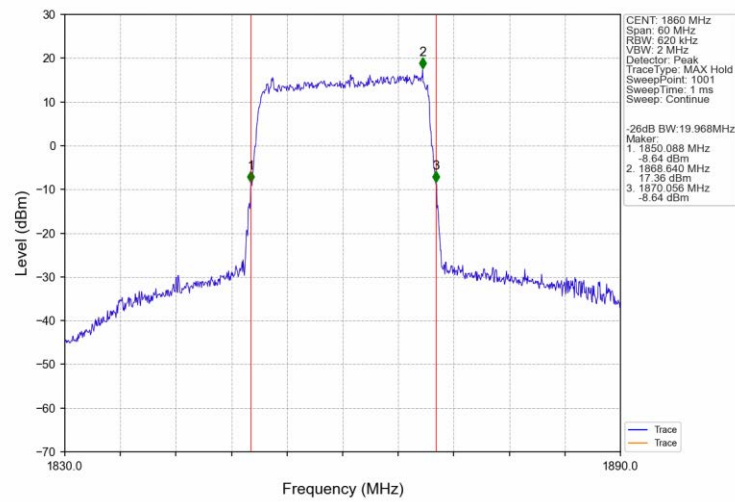
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



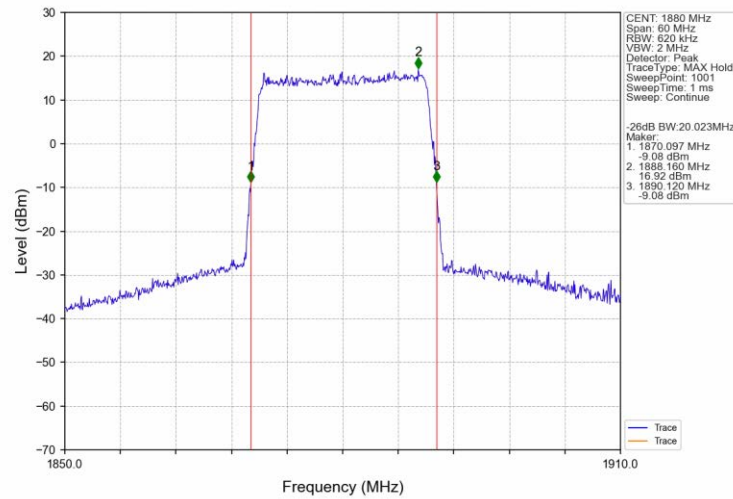
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



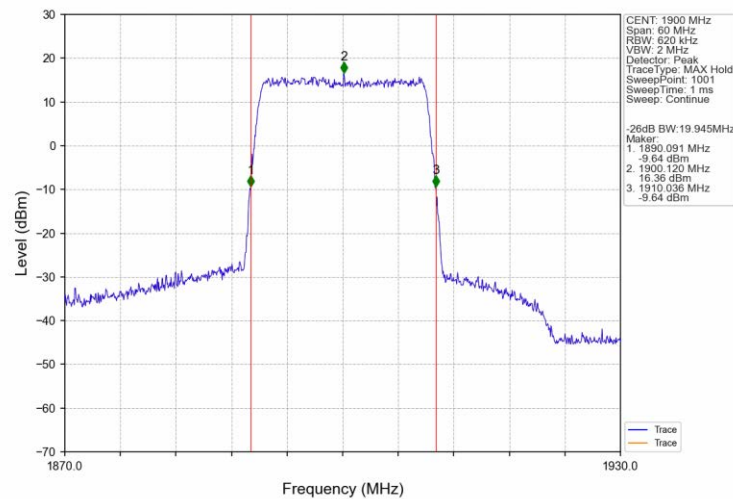
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B2_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.95	<=13	Pass
	1880	6	0	5.89	<=13	Pass
	1909.3	6	0	5.82	<=13	Pass
16QAM	1850.7	6	0	6.64	<=13	Pass
	1880	6	0	6.71	<=13	Pass
	1909.3	6	0	6.51	<=13	Pass

5.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.95	<=13	Pass
	1880	15	0	5.88	<=13	Pass
	1908.5	15	0	5.79	<=13	Pass
16QAM	1851.5	15	0	6.70	<=13	Pass
	1880	15	0	6.63	<=13	Pass
	1908.5	15	0	6.60	<=13	Pass

5.1.3 B2_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.85	<=13	Pass
	1880	25	0	5.83	<=13	Pass
	1907.5	25	0	5.85	<=13	Pass
16QAM	1852.5	25	0	6.51	<=13	Pass
	1880	25	0	6.59	<=13	Pass
	1907.5	25	0	6.52	<=13	Pass

5.1.4 B2_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.85	<=13	Pass
	1880	50	0	5.86	<=13	Pass
	1905	50	0	5.91	<=13	Pass
16QAM	1855	50	0	6.51	<=13	Pass
	1880	50	0	6.57	<=13	Pass
	1905	50	0	6.62	<=13	Pass

5.1.5 B2_15MHz

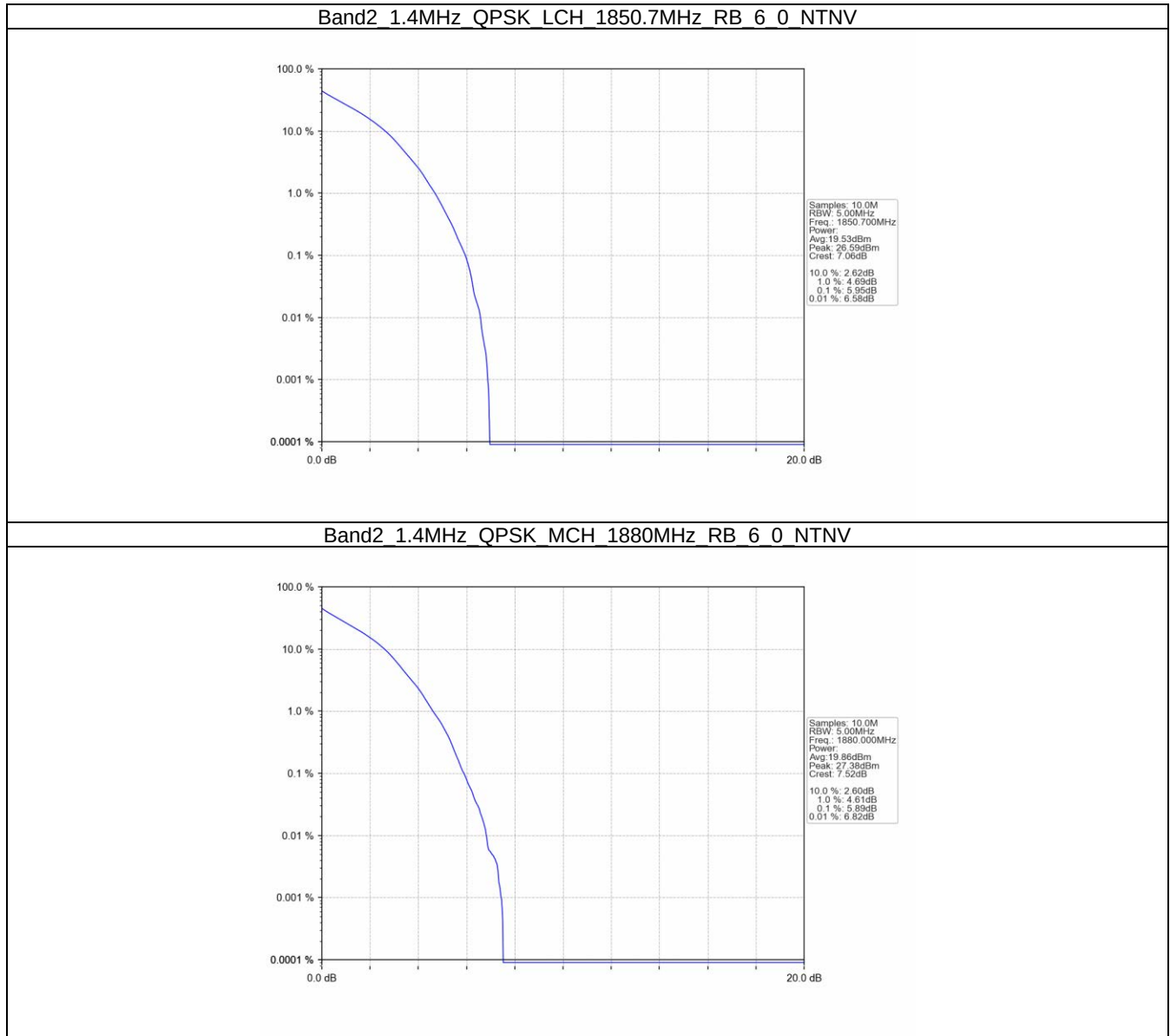
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.28	<=13	Pass
	1880	75	0	5.28	<=13	Pass
	1902.5	75	0	5.32	<=13	Pass
16QAM	1857.5	75	0	6.25	<=13	Pass
	1880	75	0	6.30	<=13	Pass
	1902.5	75	0	6.34	<=13	Pass

5.1.6 B2_20MHz

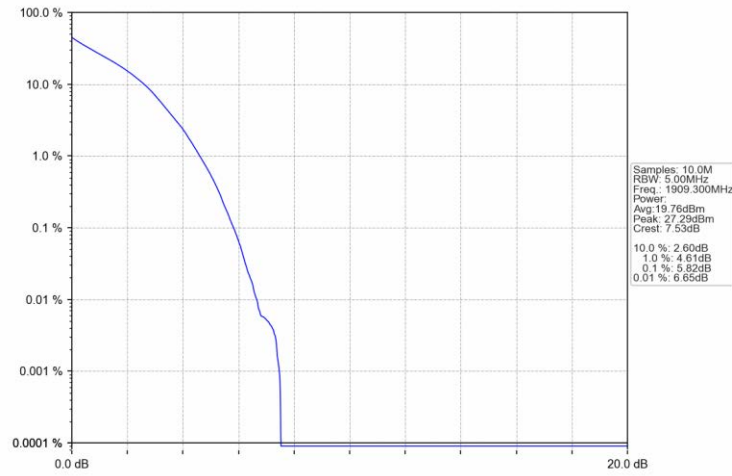
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.63	<=13	Pass
	1880	100	0	5.67	<=13	Pass
	1900	100	0	5.66	<=13	Pass
16QAM	1860	100	0	6.60	<=13	Pass
	1880	100	0	6.62	<=13	Pass
	1900	100	0	6.58	<=13	Pass

5.2 Test Graph

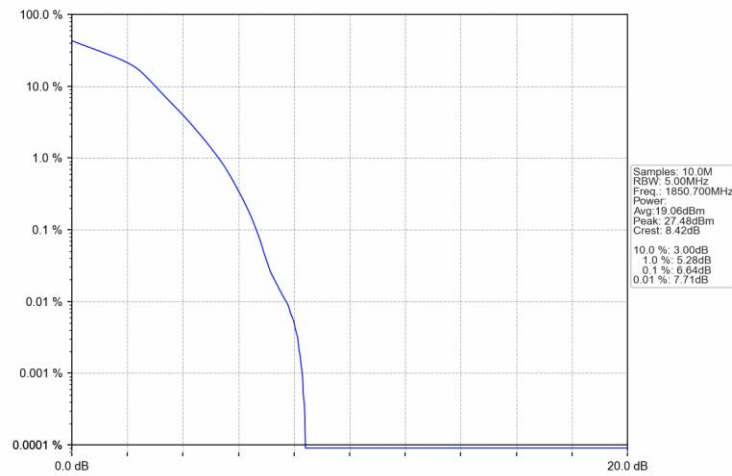
5.2.1 B2_1.4MHz



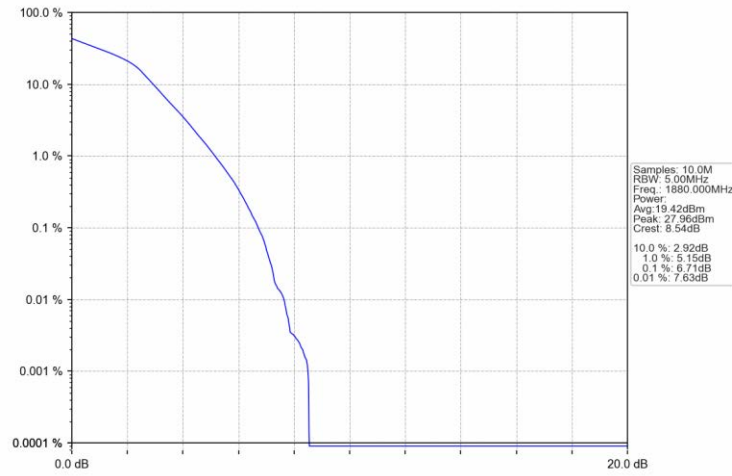
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



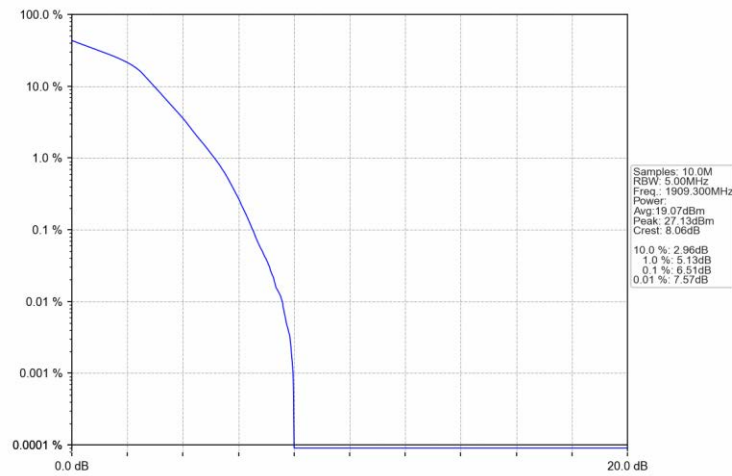
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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

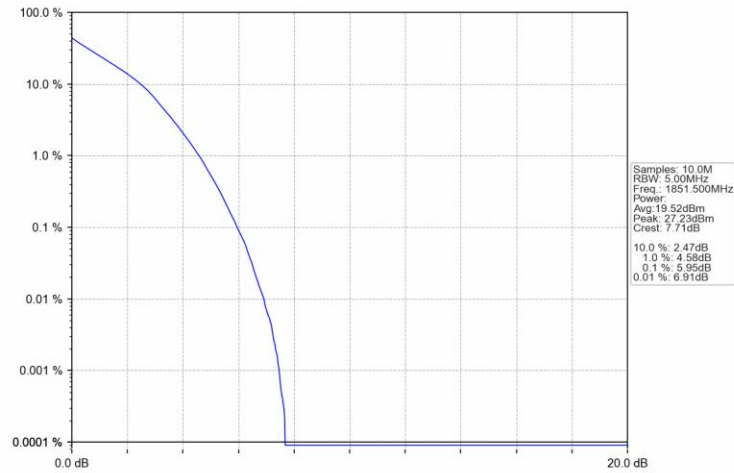


Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



5.2.2 B2_3MHz

Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV

