

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.98	-0.72	23.26	<=30	Pass
			2	23.91	-0.72	23.19	<=30	Pass
			5	23.95	-0.72	23.23	<=30	Pass
		3	0	23.95	-0.72	23.23	<=30	Pass
			2	23.93	-0.72	23.21	<=30	Pass
			3	23.90	-0.72	23.18	<=30	Pass
		6	0	22.91	-0.72	22.19	<=30	Pass
	1745	1	0	23.83	-0.72	23.11	<=30	Pass
			2	23.87	-0.72	23.15	<=30	Pass
			5	23.85	-0.72	23.13	<=30	Pass
		3	0	23.94	-0.72	23.22	<=30	Pass
			2	23.88	-0.72	23.16	<=30	Pass
			3	23.94	-0.72	23.22	<=30	Pass
		6	0	22.87	-0.72	22.15	<=30	Pass
	1779.3	1	0	24.05	-0.72	23.33	<=30	Pass
			2	24.13	-0.72	23.41	<=30	Pass
			5	24.15	-0.72	23.43	<=30	Pass
		3	0	24.13	-0.72	23.41	<=30	Pass
			2	24.12	-0.72	23.40	<=30	Pass
			3	24.19	-0.72	23.47	<=30	Pass
		6	0	23.07	-0.72	22.35	<=30	Pass
16QAM	1710.7	1	0	22.46	-0.72	21.74	<=30	Pass
			2	22.43	-0.72	21.71	<=30	Pass
			5	22.45	-0.72	21.73	<=30	Pass
		3	0	22.78	-0.72	22.06	<=30	Pass
			2	22.80	-0.72	22.08	<=30	Pass
			3	22.75	-0.72	22.03	<=30	Pass
		6	0	21.97	-0.72	21.25	<=30	Pass
	1745	1	0	23.20	-0.72	22.48	<=30	Pass
			2	23.21	-0.72	22.49	<=30	Pass
			5	23.21	-0.72	22.49	<=30	Pass
		3	0	22.74	-0.72	22.02	<=30	Pass
			2	22.71	-0.72	21.99	<=30	Pass
			3	22.76	-0.72	22.04	<=30	Pass
		6	0	22.17	-0.72	21.45	<=30	Pass
	1779.3	1	0	23.30	-0.72	22.58	<=30	Pass
			2	23.29	-0.72	22.57	<=30	Pass
			5	23.31	-0.72	22.59	<=30	Pass
		3	0	23.24	-0.72	22.52	<=30	Pass
			2	23.27	-0.72	22.55	<=30	Pass
			3	23.32	-0.72	22.60	<=30	Pass
		6	0	22.25	-0.72	21.53	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.83	-0.72	23.11	<=30	Pass
			7	23.85	-0.72	23.13	<=30	Pass
			14	23.87	-0.72	23.15	<=30	Pass
		8	0	22.91	-0.72	22.19	<=30	Pass
			4	22.94	-0.72	22.22	<=30	Pass
			7	22.90	-0.72	22.18	<=30	Pass
		15	0	22.90	-0.72	22.18	<=30	Pass
	1745	1	0	24.11	-0.72	23.39	<=30	Pass
			7	24.04	-0.72	23.32	<=30	Pass
			14	24.07	-0.72	23.35	<=30	Pass
		8	0	22.90	-0.72	22.18	<=30	Pass
			4	22.93	-0.72	22.21	<=30	Pass
			7	22.91	-0.72	22.19	<=30	Pass
		15	0	22.90	-0.72	22.18	<=30	Pass
	1778.5	1	0	24.09	-0.72	23.37	<=30	Pass
			7	24.15	-0.72	23.43	<=30	Pass
			14	24.17	-0.72	23.45	<=30	Pass
		8	0	23.11	-0.72	22.39	<=30	Pass
			4	23.13	-0.72	22.41	<=30	Pass
			7	23.08	-0.72	22.36	<=30	Pass
		15	0	23.10	-0.72	22.38	<=30	Pass
16QAM	1711.5	1	0	23.11	-0.72	22.39	<=30	Pass
			7	23.11	-0.72	22.39	<=30	Pass
			14	23.06	-0.72	22.34	<=30	Pass
		8	0	22.13	-0.72	21.41	<=30	Pass
			4	22.14	-0.72	21.42	<=30	Pass
			7	22.11	-0.72	21.39	<=30	Pass
		15	0	22.03	-0.72	21.31	<=30	Pass
	1745	1	0	22.62	-0.72	21.90	<=30	Pass
			7	22.62	-0.72	21.90	<=30	Pass
			14	22.60	-0.72	21.88	<=30	Pass
		8	0	22.25	-0.72	21.53	<=30	Pass
			4	22.27	-0.72	21.55	<=30	Pass
			7	22.22	-0.72	21.50	<=30	Pass
		15	0	21.96	-0.72	21.24	<=30	Pass
	1778.5	1	0	23.25	-0.72	22.53	<=30	Pass
			7	23.32	-0.72	22.60	<=30	Pass
			14	23.32	-0.72	22.60	<=30	Pass
		8	0	22.20	-0.72	21.48	<=30	Pass
			4	22.18	-0.72	21.46	<=30	Pass
			7	22.18	-0.72	21.46	<=30	Pass
		15	0	22.14	-0.72	21.42	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.90	-0.72	23.18	<=30	Pass
			13	23.87	-0.72	23.15	<=30	Pass
			24	23.88	-0.72	23.16	<=30	Pass
		12	0	22.94	-0.72	22.22	<=30	Pass
			6	22.83	-0.72	22.11	<=30	Pass
			13	22.95	-0.72	22.23	<=30	Pass
		25	0	22.94	-0.72	22.22	<=30	Pass
	1745	1	0	23.92	-0.72	23.20	<=30	Pass
			13	23.80	-0.72	23.08	<=30	Pass
			24	23.74	-0.72	23.02	<=30	Pass
		12	0	22.91	-0.72	22.19	<=30	Pass
			6	22.95	-0.72	22.23	<=30	Pass
			13	22.89	-0.72	22.17	<=30	Pass
		25	0	22.92	-0.72	22.20	<=30	Pass
	1777.5	1	0	24.16	-0.72	23.44	<=30	Pass
			13	24.19	-0.72	23.47	<=30	Pass
			24	24.30	-0.72	23.58	<=30	Pass
		12	0	23.15	-0.72	22.43	<=30	Pass
			6	23.04	-0.72	22.32	<=30	Pass
			13	23.11	-0.72	22.39	<=30	Pass
		25	0	23.09	-0.72	22.37	<=30	Pass
16QAM	1712.5	1	0	22.06	-0.72	21.34	<=30	Pass
			13	21.97	-0.72	21.25	<=30	Pass
			24	22.08	-0.72	21.36	<=30	Pass
		12	0	21.89	-0.72	21.17	<=30	Pass
			6	21.78	-0.72	21.06	<=30	Pass
			13	21.85	-0.72	21.13	<=30	Pass
		25	0	21.94	-0.72	21.22	<=30	Pass
	1745	1	0	22.96	-0.72	22.24	<=30	Pass
			13	22.98	-0.72	22.26	<=30	Pass
			24	23.02	-0.72	22.30	<=30	Pass
		12	0	21.86	-0.72	21.14	<=30	Pass
			6	21.96	-0.72	21.24	<=30	Pass
			13	21.92	-0.72	21.20	<=30	Pass
		25	0	22.00	-0.72	21.28	<=30	Pass
	1777.5	1	0	23.01	-0.72	22.29	<=30	Pass
			13	23.07	-0.72	22.35	<=30	Pass
			24	23.10	-0.72	22.38	<=30	Pass
		12	0	21.99	-0.72	21.27	<=30	Pass
			6	21.97	-0.72	21.25	<=30	Pass
			13	22.03	-0.72	21.31	<=30	Pass
		25	0	22.02	-0.72	21.30	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.97	-0.72	23.25	<=30	Pass
			25	23.95	-0.72	23.23	<=30	Pass
			49	24.01	-0.72	23.29	<=30	Pass
		25	0	22.94	-0.72	22.22	<=30	Pass
			13	22.91	-0.72	22.19	<=30	Pass
			25	22.99	-0.72	22.27	<=30	Pass
		50	0	22.95	-0.72	22.23	<=30	Pass
	1745	1	0	24.02	-0.72	23.30	<=30	Pass
			25	23.99	-0.72	23.27	<=30	Pass
			49	23.99	-0.72	23.27	<=30	Pass
		25	0	22.91	-0.72	22.19	<=30	Pass
			13	22.97	-0.72	22.25	<=30	Pass
			25	22.86	-0.72	22.14	<=30	Pass
		50	0	22.87	-0.72	22.15	<=30	Pass
	1775	1	0	23.98	-0.72	23.26	<=30	Pass
			25	23.97	-0.72	23.25	<=30	Pass
			49	24.08	-0.72	23.36	<=30	Pass
		25	0	22.93	-0.72	22.21	<=30	Pass
			13	23.00	-0.72	22.28	<=30	Pass
			25	23.11	-0.72	22.39	<=30	Pass
		50	0	23.06	-0.72	22.34	<=30	Pass
16QAM	1715	1	0	23.41	-0.72	22.69	<=30	Pass
			25	23.39	-0.72	22.67	<=30	Pass
			49	23.45	-0.72	22.73	<=30	Pass
		25	0	21.92	-0.72	21.20	<=30	Pass
			13	21.98	-0.72	21.26	<=30	Pass
			25	22.08	-0.72	21.36	<=30	Pass
		50	0	21.98	-0.72	21.26	<=30	Pass
	1745	1	0	22.79	-0.72	22.07	<=30	Pass
			25	22.81	-0.72	22.09	<=30	Pass
			49	22.72	-0.72	22.00	<=30	Pass
		25	0	22.17	-0.72	21.45	<=30	Pass
			13	22.13	-0.72	21.41	<=30	Pass
			25	22.09	-0.72	21.37	<=30	Pass
		50	0	22.10	-0.72	21.38	<=30	Pass
	1775	1	0	23.70	-0.72	22.98	<=30	Pass
			25	23.65	-0.72	22.93	<=30	Pass
			49	23.71	-0.72	22.99	<=30	Pass
		25	0	22.06	-0.72	21.34	<=30	Pass
			13	22.09	-0.72	21.37	<=30	Pass
			25	22.16	-0.72	21.44	<=30	Pass
		50	0	22.11	-0.72	21.39	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.95	-0.72	23.23	<=30	Pass
			38	23.95	-0.72	23.23	<=30	Pass
			74	23.97	-0.72	23.25	<=30	Pass
		36	0	22.90	-0.72	22.18	<=30	Pass
			18	23.00	-0.72	22.28	<=30	Pass
			39	22.96	-0.72	22.24	<=30	Pass
		75	0	22.97	-0.72	22.25	<=30	Pass
	1745	1	0	23.85	-0.72	23.13	<=30	Pass
			38	23.81	-0.72	23.09	<=30	Pass
			74	23.86	-0.72	23.14	<=30	Pass
		36	0	22.84	-0.72	22.12	<=30	Pass
			18	22.90	-0.72	22.18	<=30	Pass
			39	22.88	-0.72	22.16	<=30	Pass
		75	0	22.93	-0.72	22.21	<=30	Pass
	1772.5	1	0	23.87	-0.72	23.15	<=30	Pass
			38	23.92	-0.72	23.20	<=30	Pass
			74	24.07	-0.72	23.35	<=30	Pass
		36	0	22.97	-0.72	22.25	<=30	Pass
			18	23.03	-0.72	22.31	<=30	Pass
			39	23.02	-0.72	22.30	<=30	Pass
		75	0	22.89	-0.72	22.17	<=30	Pass
16QAM	1717.5	1	0	23.36	-0.72	22.64	<=30	Pass
			38	23.44	-0.72	22.72	<=30	Pass
			74	23.44	-0.72	22.72	<=30	Pass
		36	0	21.96	-0.72	21.24	<=30	Pass
			18	21.97	-0.72	21.25	<=30	Pass
			39	22.00	-0.72	21.28	<=30	Pass
		75	0	21.98	-0.72	21.26	<=30	Pass
	1745	1	0	23.05	-0.72	22.33	<=30	Pass
			38	23.08	-0.72	22.36	<=30	Pass
			74	23.07	-0.72	22.35	<=30	Pass
		36	0	21.87	-0.72	21.15	<=30	Pass
			18	21.94	-0.72	21.22	<=30	Pass
			39	21.93	-0.72	21.21	<=30	Pass
		75	0	21.98	-0.72	21.26	<=30	Pass
	1772.5	1	0	23.72	-0.72	23.00	<=30	Pass
			38	23.66	-0.72	22.94	<=30	Pass
			74	23.73	-0.72	23.01	<=30	Pass
		36	0	22.00	-0.72	21.28	<=30	Pass
			18	22.01	-0.72	21.29	<=30	Pass
			39	22.13	-0.72	21.41	<=30	Pass
		75	0	22.09	-0.72	21.37	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.92	-0.72	23.20	<=30	Pass
			50	23.95	-0.72	23.23	<=30	Pass
			99	23.97	-0.72	23.25	<=30	Pass
		50	0	22.97	-0.72	22.25	<=30	Pass
			25	22.93	-0.72	22.21	<=30	Pass
			50	22.98	-0.72	22.26	<=30	Pass
		100	0	22.90	-0.72	22.18	<=30	Pass
	1745	1	0	23.97	-0.72	23.25	<=30	Pass
			50	23.97	-0.72	23.25	<=30	Pass
			99	23.99	-0.72	23.27	<=30	Pass
		50	0	22.84	-0.72	22.12	<=30	Pass
			25	22.99	-0.72	22.27	<=30	Pass
			50	22.88	-0.72	22.16	<=30	Pass
		100	0	22.98	-0.72	22.26	<=30	Pass
	1770	1	0	24.15	-0.72	23.43	<=30	Pass
			50	24.13	-0.72	23.41	<=30	Pass
			99	24.19	-0.72	23.47	<=30	Pass
		50	0	22.96	-0.72	22.24	<=30	Pass
			25	23.04	-0.72	22.32	<=30	Pass
			50	23.00	-0.72	22.28	<=30	Pass
		100	0	22.95	-0.72	22.23	<=30	Pass
16QAM	1720	1	0	22.99	-0.72	22.27	<=30	Pass
			50	23.00	-0.72	22.28	<=30	Pass
			99	23.02	-0.72	22.30	<=30	Pass
		50	0	22.01	-0.72	21.29	<=30	Pass
			25	22.06	-0.72	21.34	<=30	Pass
			50	22.02	-0.72	21.30	<=30	Pass
		100	0	21.96	-0.72	21.24	<=30	Pass
	1745	1	0	23.71	-0.72	22.99	<=30	Pass
			50	23.69	-0.72	22.97	<=30	Pass
			99	23.76	-0.72	23.04	<=30	Pass
		50	0	21.89	-0.72	21.17	<=30	Pass
			25	22.03	-0.72	21.31	<=30	Pass
			50	21.93	-0.72	21.21	<=30	Pass
		100	0	22.04	-0.72	21.32	<=30	Pass
	1770	1	0	23.01	-0.72	22.29	<=30	Pass
			50	23.02	-0.72	22.30	<=30	Pass
			99	23.13	-0.72	22.41	<=30	Pass
		50	0	22.01	-0.72	21.29	<=30	Pass
			25	22.00	-0.72	21.28	<=30	Pass
			50	22.05	-0.72	21.33	<=30	Pass
		100	0	21.91	-0.72	21.19	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / 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	1710.7	6	0	20	3.27	9.599	0.0056	-2.5 to 2.5	Pass
					3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
					4.43	-36.120	-0.0211	-2.5 to 2.5	Pass
				-30	3.85	-12.560	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-35.734	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-16.823	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-15.464	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-22.058	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-20.027	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-15.435	-0.0090	-2.5 to 2.5	Pass
				50	3.85	5.150	0.0030	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	13.204	0.0076	-2.5 to 2.5	Pass
					3.85	38.667	0.0222	-2.5 to 2.5	Pass
					4.43	8.612	0.0049	-2.5 to 2.5	Pass
				-30	3.85	23.646	0.0136	-2.5 to 2.5	Pass
				-20	3.85	29.769	0.0171	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-18.826	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				50	3.85	6.952	0.0040	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	38.795	0.0218	-2.5 to 2.5	Pass
					3.85	6.695	0.0038	-2.5 to 2.5	Pass
					4.43	-1.659	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-28.839	-0.0162	-2.5 to 2.5	Pass
				-20	3.85	-16.508	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-13.218	-0.0074	-2.5 to 2.5	Pass
				0	3.85	5.221	0.0029	-2.5 to 2.5	Pass
				10	3.85	-9.484	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-25.749	-0.0145	-2.5 to 2.5	Pass
				40	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-24.619	-0.0144	-2.5 to 2.5	Pass
					3.85	-27.437	-0.0160	-2.5 to 2.5	Pass
					4.43	-15.249	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-35.148	-0.0205	-2.5 to 2.5	Pass
				-20	3.85	-12.174	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-26.708	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-40.755	-0.0238	-2.5 to 2.5	Pass
				10	3.85	-12.803	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-18.411	-0.0108	-2.5 to 2.5	Pass
				40	3.85	2.346	0.0014	-2.5 to 2.5	Pass
				50	3.85	-14.591	-0.0085	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	14.133	0.0081	-2.5 to 2.5	Pass
					3.85	15.864	0.0091	-2.5 to 2.5	Pass
					4.43	26.693	0.0153	-2.5 to 2.5	Pass
				-30	3.85	9.670	0.0055	-2.5 to 2.5	Pass
				-20	3.85	14.162	0.0081	-2.5 to 2.5	Pass
				-10	3.85	32.573	0.0187	-2.5 to 2.5	Pass

				0	3.85	12.302	0.0070	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	2.832	0.0016	-2.5 to 2.5	Pass
				40	3.85	7.668	0.0044	-2.5 to 2.5	Pass
				50	3.85	17.138	0.0098	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-30.284	-0.0170	-2.5 to 2.5	Pass
					3.85	-27.137	-0.0153	-2.5 to 2.5	Pass
					4.43	-30.627	-0.0172	-2.5 to 2.5	Pass
				-30	3.85	-19.541	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-11.473	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	6.781	0.0038	-2.5 to 2.5	Pass
				0	3.85	14.534	0.0082	-2.5 to 2.5	Pass
				10	3.85	23.375	0.0131	-2.5 to 2.5	Pass
				30	3.85	31.571	0.0177	-2.5 to 2.5	Pass
				40	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	3.85	7.567	0.0043	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	11.072	0.0065	-2.5 to 2.5	Pass
					3.85	31.228	0.0182	-2.5 to 2.5	Pass
					4.43	19.197	0.0112	-2.5 to 2.5	Pass
				-30	3.85	-14.076	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-7.725	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-14.091	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-32.229	-0.0188	-2.5 to 2.5	Pass
				10	3.85	-43.130	-0.0252	-2.5 to 2.5	Pass
				30	3.85	-19.655	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-20.771	-0.0121	-2.5 to 2.5	Pass
				50	3.85	-19.684	-0.0115	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-0.987	-0.0006	-2.5 to 2.5	Pass
					3.85	26.050	0.0149	-2.5 to 2.5	Pass
					4.43	28.095	0.0161	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	16.279	0.0093	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				0	3.85	24.319	0.0139	-2.5 to 2.5	Pass
				10	3.85	30.169	0.0173	-2.5 to 2.5	Pass
				30	3.85	36.120	0.0207	-2.5 to 2.5	Pass
				40	3.85	10.829	0.0062	-2.5 to 2.5	Pass
				50	3.85	20.399	0.0117	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	29.511	0.0166	-2.5 to 2.5	Pass
					3.85	9.913	0.0056	-2.5 to 2.5	Pass
					4.43	9.885	0.0056	-2.5 to 2.5	Pass
				-30	3.85	-7.725	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-24.662	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-22.688	-0.0128	-2.5 to 2.5	Pass
				0	3.85	10.371	0.0058	-2.5 to 2.5	Pass
				10	3.85	-3.419	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-18.153	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-30.828	-0.0173	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	22.373	0.0131	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
					4.43	-10.629	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-20.843	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-23.775	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-22.717	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-21.787	-0.0127	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-12.846	-0.0075	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	30.456	0.0175	-2.5 to 2.5	Pass
					3.85	5.078	0.0029	-2.5 to 2.5	Pass
					4.43	18.554	0.0106	-2.5 to 2.5	Pass
				-30	3.85	35.534	0.0204	-2.5 to 2.5	Pass
				-20	3.85	20.485	0.0117	-2.5 to 2.5	Pass
				-10	3.85	17.996	0.0103	-2.5 to 2.5	Pass
				0	3.85	40.126	0.0230	-2.5 to 2.5	Pass
				10	3.85	4.206	0.0024	-2.5 to 2.5	Pass
				30	3.85	24.004	0.0138	-2.5 to 2.5	Pass
				40	3.85	31.500	0.0181	-2.5 to 2.5	Pass
				50	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass

	1778.5	15	0	20	3.27	-9.127	-0.0051	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0053	-2.5 to 2.5	Pass
					4.43	-4.849	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				0	3.85	7.281	0.0041	-2.5 to 2.5	Pass
				10	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-13.304	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-9.513	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	19.612	0.0115	-2.5 to 2.5	Pass
					3.85	8.011	0.0047	-2.5 to 2.5	Pass
					4.43	2.632	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-24.819	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-15.206	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-38.681	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-42.229	-0.0247	-2.5 to 2.5	Pass
				10	3.85	-44.932	-0.0262	-2.5 to 2.5	Pass
				30	3.85	-20.685	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-17.095	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-18.554	-0.0108	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	16.265	0.0093	-2.5 to 2.5	Pass
					3.85	11.115	0.0064	-2.5 to 2.5	Pass
					4.43	33.846	0.0194	-2.5 to 2.5	Pass
				-30	3.85	8.798	0.0050	-2.5 to 2.5	Pass
				-20	3.85	22.244	0.0127	-2.5 to 2.5	Pass
				-10	3.85	23.031	0.0132	-2.5 to 2.5	Pass
				0	3.85	31.228	0.0179	-2.5 to 2.5	Pass
				10	3.85	16.222	0.0093	-2.5 to 2.5	Pass
				30	3.85	12.903	0.0074	-2.5 to 2.5	Pass
				40	3.85	27.752	0.0159	-2.5 to 2.5	Pass
				50	3.85	34.060	0.0195	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	18.053	0.0102	-2.5 to 2.5	Pass
					3.85	9.127	0.0051	-2.5 to 2.5	Pass
					4.43	8.340	0.0047	-2.5 to 2.5	Pass
				-30	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-19.941	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-30.756	-0.0173	-2.5 to 2.5	Pass
				0	3.85	-17.896	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-33.932	-0.0191	-2.5 to 2.5	Pass
				30	3.85	-44.918	-0.0253	-2.5 to 2.5	Pass
				40	3.85	10.643	0.0060	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-12.846	-0.0075	-2.5 to 2.5	Pass
					3.85	-30.284	-0.0177	-2.5 to 2.5	Pass
					4.43	12.174	0.0071	-2.5 to 2.5	Pass
				-30	3.85	8.669	0.0051	-2.5 to 2.5	Pass
				-20	3.85	5.980	0.0035	-2.5 to 2.5	Pass
				-10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-31.214	-0.0182	-2.5 to 2.5	Pass
				10	3.85	-21.086	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-24.304	-0.0142	-2.5 to 2.5	Pass
				40	3.85	-21.315	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-21.930	-0.0128	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	9.427	0.0054	-2.5 to 2.5	Pass
					3.85	16.851	0.0097	-2.5 to 2.5	Pass
					4.43	14.477	0.0083	-2.5 to 2.5	Pass
				-30	3.85	11.315	0.0065	-2.5 to 2.5	Pass
				-20	3.85	9.313	0.0053	-2.5 to 2.5	Pass
				-10	3.85	26.894	0.0154	-2.5 to 2.5	Pass
				0	3.85	35.920	0.0206	-2.5 to 2.5	Pass
				10	3.85	24.190	0.0139	-2.5 to 2.5	Pass
				30	3.85	12.445	0.0071	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				50	3.85	10.300	0.0059	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.27	-1.874	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.43	5.436	0.0031	-2.5 to 2.5	Pass
				-30	3.85	13.118	0.0074	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	17.781	0.0100	-2.5 to 2.5	Pass
				0	3.85	25.434	0.0143	-2.5 to 2.5	Pass
				10	3.85	31.400	0.0177	-2.5 to 2.5	Pass
				30	3.85	37.594	0.0211	-2.5 to 2.5	Pass
				40	3.85	-15.621	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	14.892	0.0087	-2.5 to 2.5	Pass
					3.85	7.381	0.0043	-2.5 to 2.5	Pass
					4.43	-8.440	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-26.836	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	-27.838	-0.0162	-2.5 to 2.5	Pass
				-10	3.85	-27.537	-0.0161	-2.5 to 2.5	Pass
				0	3.85	-11.644	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-19.469	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-14.806	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-43.273	-0.0252	-2.5 to 2.5	Pass
				50	3.85	-26.579	-0.0155	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	7.224	0.0041	-2.5 to 2.5	Pass
					4.43	6.437	0.0037	-2.5 to 2.5	Pass
				-30	3.85	25.992	0.0149	-2.5 to 2.5	Pass
				-20	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-10	3.85	15.664	0.0090	-2.5 to 2.5	Pass
				0	3.85	30.842	0.0177	-2.5 to 2.5	Pass
				10	3.85	31.385	0.0180	-2.5 to 2.5	Pass
				30	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				40	3.85	8.640	0.0050	-2.5 to 2.5	Pass
				50	3.85	19.341	0.0111	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	17.052	0.0096	-2.5 to 2.5	Pass
					3.85	11.373	0.0064	-2.5 to 2.5	Pass
					4.43	-12.918	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-40.498	-0.0228	-2.5 to 2.5	Pass
				-20	3.85	-31.414	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-24.247	-0.0137	-2.5 to 2.5	Pass
				0	3.85	6.967	0.0039	-2.5 to 2.5	Pass
				10	3.85	13.418	0.0076	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-12.403	-0.0070	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	6.695	0.0039	-2.5 to 2.5	Pass
					3.85	12.875	0.0075	-2.5 to 2.5	Pass
					4.43	22.531	0.0131	-2.5 to 2.5	Pass
				-30	3.85	32.172	0.0188	-2.5 to 2.5	Pass
				-20	3.85	24.977	0.0146	-2.5 to 2.5	Pass
				-10	3.85	30.298	0.0177	-2.5 to 2.5	Pass
				0	3.85	37.551	0.0219	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				30	3.85	10.014	0.0058	-2.5 to 2.5	Pass
				40	3.85	18.969	0.0111	-2.5 to 2.5	Pass
				50	3.85	6.580	0.0038	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	37.007	0.0212	-2.5 to 2.5	Pass
					3.85	22.745	0.0130	-2.5 to 2.5	Pass
					4.43	19.455	0.0111	-2.5 to 2.5	Pass
				-30	3.85	27.380	0.0157	-2.5 to 2.5	Pass
				-20	3.85	15.764	0.0090	-2.5 to 2.5	Pass
				-10	3.85	36.607	0.0210	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				10	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				30	3.85	22.101	0.0127	-2.5 to 2.5	Pass
				40	3.85	20.857	0.0120	-2.5 to 2.5	Pass
				50	3.85	34.161	0.0196	-2.5 to 2.5	Pass

	1775	50	0	20	3.27	-33.088	-0.0186	-2.5 to 2.5	Pass
					3.85	-22.445	-0.0126	-2.5 to 2.5	Pass
					4.43	11.287	0.0064	-2.5 to 2.5	Pass
				-30	3.85	32.487	0.0183	-2.5 to 2.5	Pass
				-20	3.85	32.043	0.0181	-2.5 to 2.5	Pass
				-10	3.85	14.076	0.0079	-2.5 to 2.5	Pass
				0	3.85	31.643	0.0178	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.85	6.394	0.0036	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				50	3.85	7.010	0.0039	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	10.672	0.0062	-2.5 to 2.5	Pass
					3.85	2.460	0.0014	-2.5 to 2.5	Pass
					4.43	-8.039	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-29.554	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-36.621	-0.0213	-2.5 to 2.5	Pass
				-10	3.85	-27.409	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-28.467	-0.0166	-2.5 to 2.5	Pass
				10	3.85	-25.678	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-27.237	-0.0159	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-25.077	-0.0146	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	15.149	0.0087	-2.5 to 2.5	Pass
					3.85	25.134	0.0144	-2.5 to 2.5	Pass
					4.43	20.199	0.0116	-2.5 to 2.5	Pass
				-30	3.85	17.309	0.0099	-2.5 to 2.5	Pass
				-20	3.85	32.845	0.0188	-2.5 to 2.5	Pass
				-10	3.85	4.120	0.0024	-2.5 to 2.5	Pass
				0	3.85	9.985	0.0057	-2.5 to 2.5	Pass
				10	3.85	5.822	0.0033	-2.5 to 2.5	Pass
				30	3.85	10.400	0.0060	-2.5 to 2.5	Pass
				40	3.85	22.917	0.0131	-2.5 to 2.5	Pass
				50	3.85	31.686	0.0182	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	5.608	0.0032	-2.5 to 2.5	Pass
					3.85	-10.285	-0.0058	-2.5 to 2.5	Pass
					4.43	-24.047	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-38.066	-0.0215	-2.5 to 2.5	Pass
				-20	3.85	-24.734	-0.0140	-2.5 to 2.5	Pass
				-10	3.85	-10.185	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-30.627	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-13.704	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-21.243	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-32.945	-0.0186	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-16.880	-0.0098	-2.5 to 2.5	Pass
					3.85	-23.518	-0.0137	-2.5 to 2.5	Pass
					4.43	-22.388	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	14.391	0.0084	-2.5 to 2.5	Pass
				-10	3.85	17.123	0.0100	-2.5 to 2.5	Pass
				0	3.85	18.711	0.0109	-2.5 to 2.5	Pass
				10	3.85	26.579	0.0155	-2.5 to 2.5	Pass

	1745	75	0	30	3.85	33.302	0.0194	-2.5 to 2.5	Pass
				40	3.85	-7.997	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				20	3.27	9.871	0.0057	-2.5 to 2.5	Pass
					3.85	31.557	0.0181	-2.5 to 2.5	Pass
					4.43	34.504	0.0198	-2.5 to 2.5	Pass
				-30	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				-10	3.85	20.714	0.0119	-2.5 to 2.5	Pass
	1772.5	75	0	0	3.85	39.682	0.0227	-2.5 to 2.5	Pass
				10	3.85	25.291	0.0145	-2.5 to 2.5	Pass
				30	3.85	40.140	0.0230	-2.5 to 2.5	Pass
				40	3.85	10.715	0.0061	-2.5 to 2.5	Pass
				50	3.85	9.599	0.0055	-2.5 to 2.5	Pass
				20	3.27	-38.652	-0.0218	-2.5 to 2.5	Pass
					3.85	36.192	0.0204	-2.5 to 2.5	Pass
					4.43	44.003	0.0248	-2.5 to 2.5	Pass
				-30	3.85	14.677	0.0083	-2.5 to 2.5	Pass
				-20	3.85	34.904	0.0197	-2.5 to 2.5	Pass
				-10	3.85	25.964	0.0146	-2.5 to 2.5	Pass
				0	3.85	15.235	0.0086	-2.5 to 2.5	Pass
				10	3.85	5.107	0.0029	-2.5 to 2.5	Pass
				30	3.85	14.377	0.0081	-2.5 to 2.5	Pass
				40	3.85	8.368	0.0047	-2.5 to 2.5	Pass
				50	3.85	23.031	0.0130	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	25.120	0.0146	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
					4.43	-28.296	-0.0165	-2.5 to 2.5	Pass
				-30	3.85	-40.483	-0.0235	-2.5 to 2.5	Pass
				-20	3.85	-18.067	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-23.360	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-33.302	-0.0194	-2.5 to 2.5	Pass
				30	3.85	-22.073	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-15.306	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-23.947	-0.0139	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	14.277	0.0082	-2.5 to 2.5	Pass
					3.85	24.219	0.0139	-2.5 to 2.5	Pass
					4.43	6.094	0.0035	-2.5 to 2.5	Pass
				-30	3.85	11.873	0.0068	-2.5 to 2.5	Pass
				-20	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	11.830	0.0068	-2.5 to 2.5	Pass
				0	3.85	15.450	0.0089	-2.5 to 2.5	Pass
				10	3.85	24.176	0.0139	-2.5 to 2.5	Pass
				30	3.85	18.168	0.0104	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-10.371	-0.0059	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	6.652	0.0038	-2.5 to 2.5	Pass
					3.85	-18.682	-0.0106	-2.5 to 2.5	Pass
					4.43	-13.261	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-31.199	-0.0176	-2.5 to 2.5	Pass
				-20	3.85	-22.917	-0.0129	-2.5 to 2.5	Pass

16QAM				-10	3.85	4.907	0.0028	-2.5 to 2.5	Pass
				0	3.85	-16.322	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-32.802	-0.0185	-2.5 to 2.5	Pass
				30	3.85	-12.560	-0.0071	-2.5 to 2.5	Pass
				40	3.85	4.277	0.0024	-2.5 to 2.5	Pass
	1720	100	0	50	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				20	3.27	-23.918	-0.0139	-2.5 to 2.5	Pass
					3.85	-17.867	-0.0104	-2.5 to 2.5	Pass
					4.43	-8.712	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-20.728	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	23.103	0.0134	-2.5 to 2.5	Pass
				0	3.85	-8.912	-0.0052	-2.5 to 2.5	Pass
				10	3.85	2.789	0.0016	-2.5 to 2.5	Pass
				30	3.85	21.915	0.0127	-2.5 to 2.5	Pass
				40	3.85	14.591	0.0085	-2.5 to 2.5	Pass
				50	3.85	-15.979	-0.0093	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	11.415	0.0065	-2.5 to 2.5	Pass
					3.85	2.346	0.0013	-2.5 to 2.5	Pass
					4.43	22.173	0.0127	-2.5 to 2.5	Pass
				-30	3.85	26.808	0.0154	-2.5 to 2.5	Pass
				-20	3.85	41.800	0.0240	-2.5 to 2.5	Pass
				-10	3.85	31.857	0.0183	-2.5 to 2.5	Pass
				0	3.85	6.795	0.0039	-2.5 to 2.5	Pass
				10	3.85	8.097	0.0046	-2.5 to 2.5	Pass
				30	3.85	10.171	0.0058	-2.5 to 2.5	Pass
				40	3.85	27.695	0.0159	-2.5 to 2.5	Pass
				50	3.85	34.175	0.0196	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	2.074	0.0012	-2.5 to 2.5	Pass
					3.85	31.500	0.0178	-2.5 to 2.5	Pass
					4.43	21.887	0.0124	-2.5 to 2.5	Pass
				-30	3.85	34.790	0.0197	-2.5 to 2.5	Pass
				-20	3.85	16.365	0.0092	-2.5 to 2.5	Pass
				-10	3.85	34.418	0.0194	-2.5 to 2.5	Pass
				0	3.85	-11.902	-0.0067	-2.5 to 2.5	Pass
				10	3.85	3.834	0.0022	-2.5 to 2.5	Pass
				30	3.85	-10.586	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				50	3.85	10.042	0.0057	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

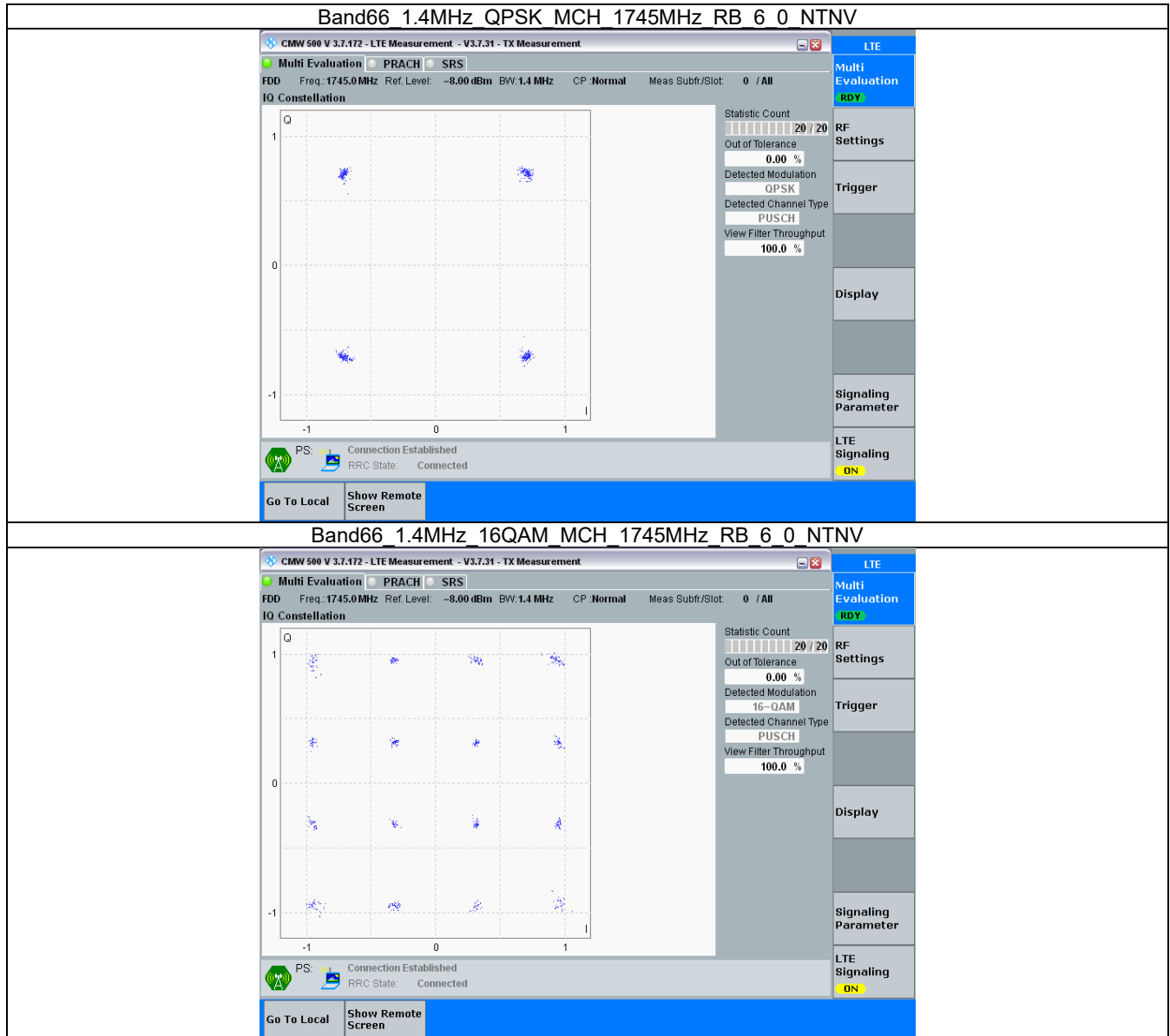
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

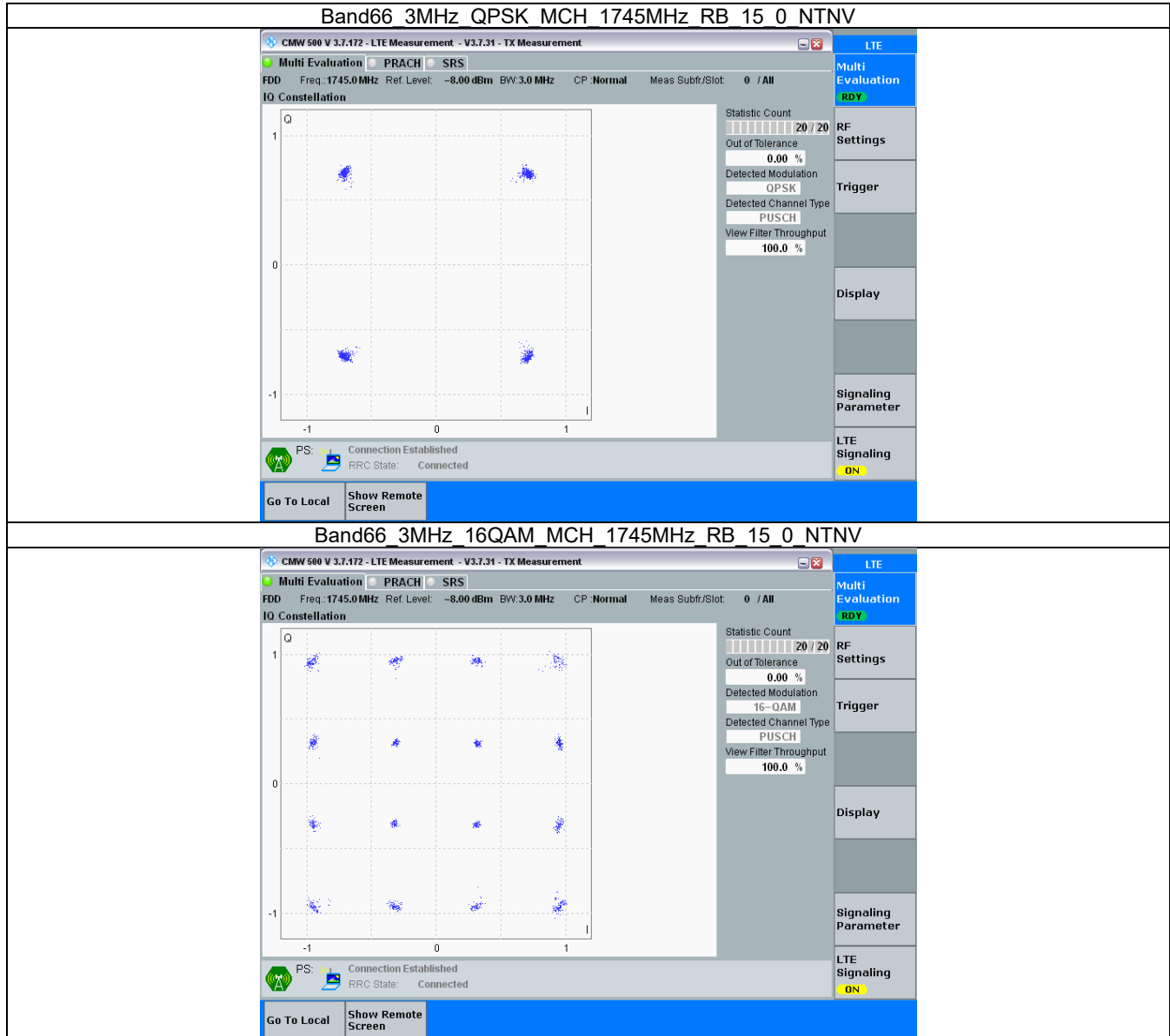
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

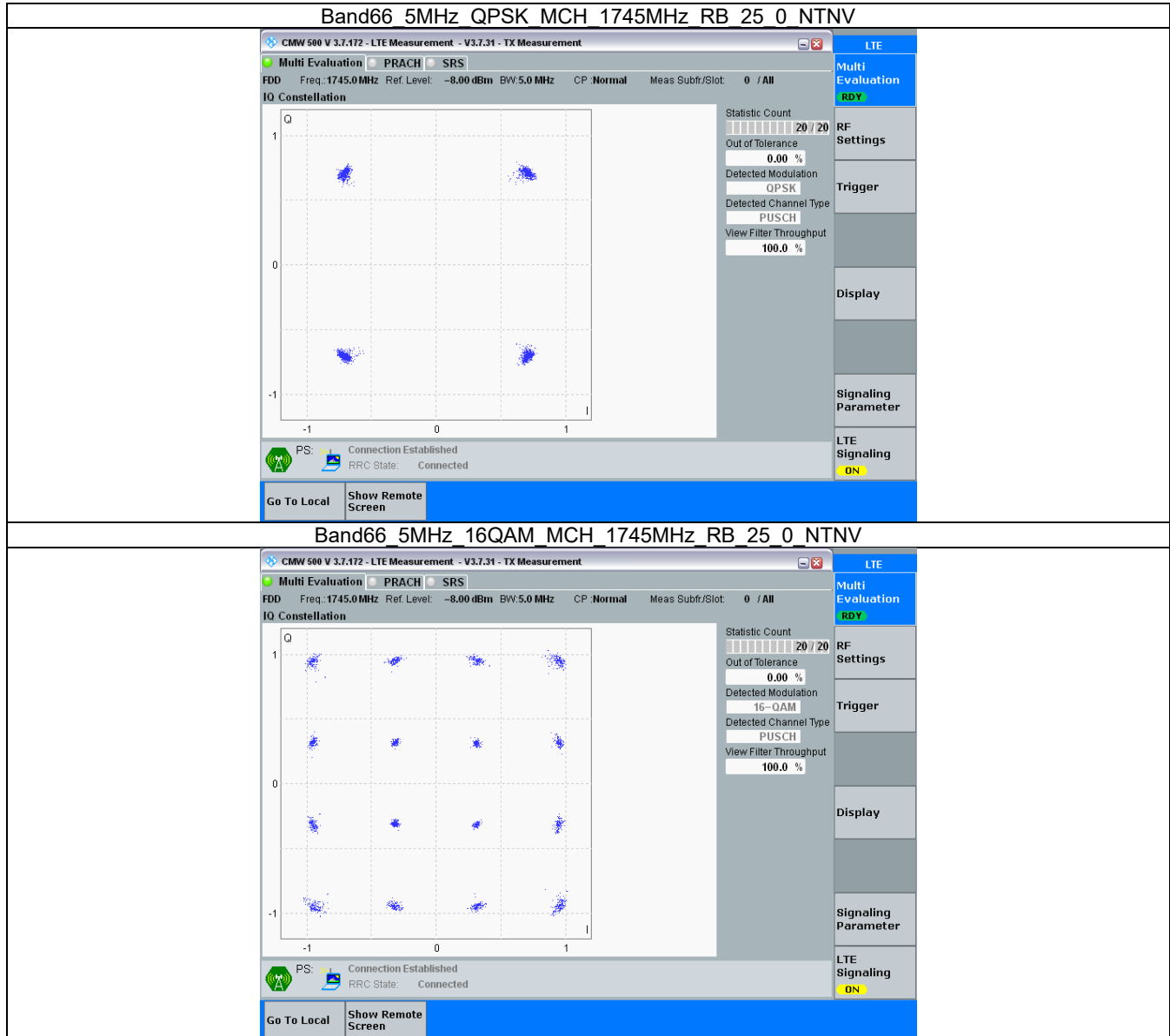
3.2.1 B66_1.4MHz



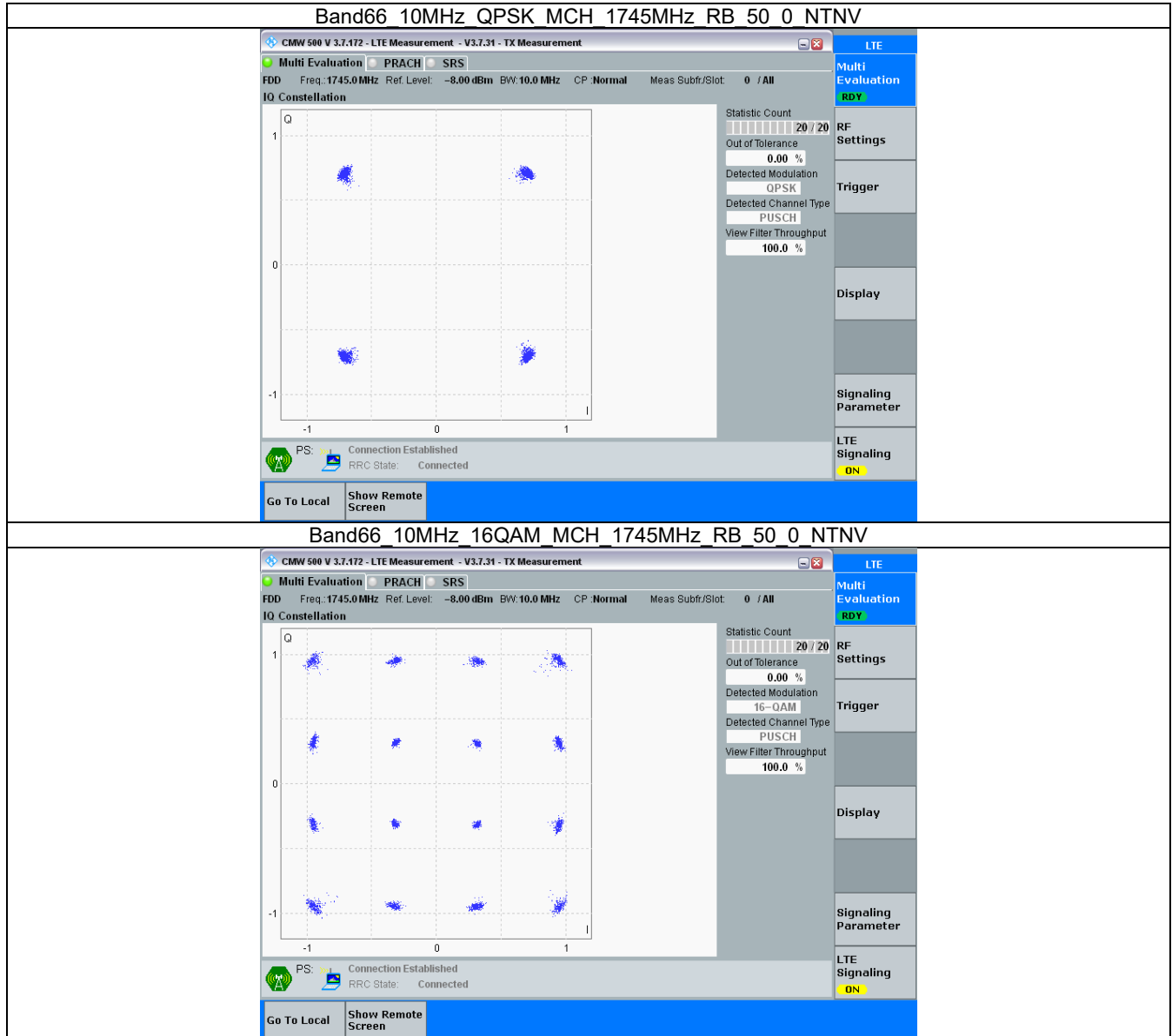
3.2.2 B66_3MHz



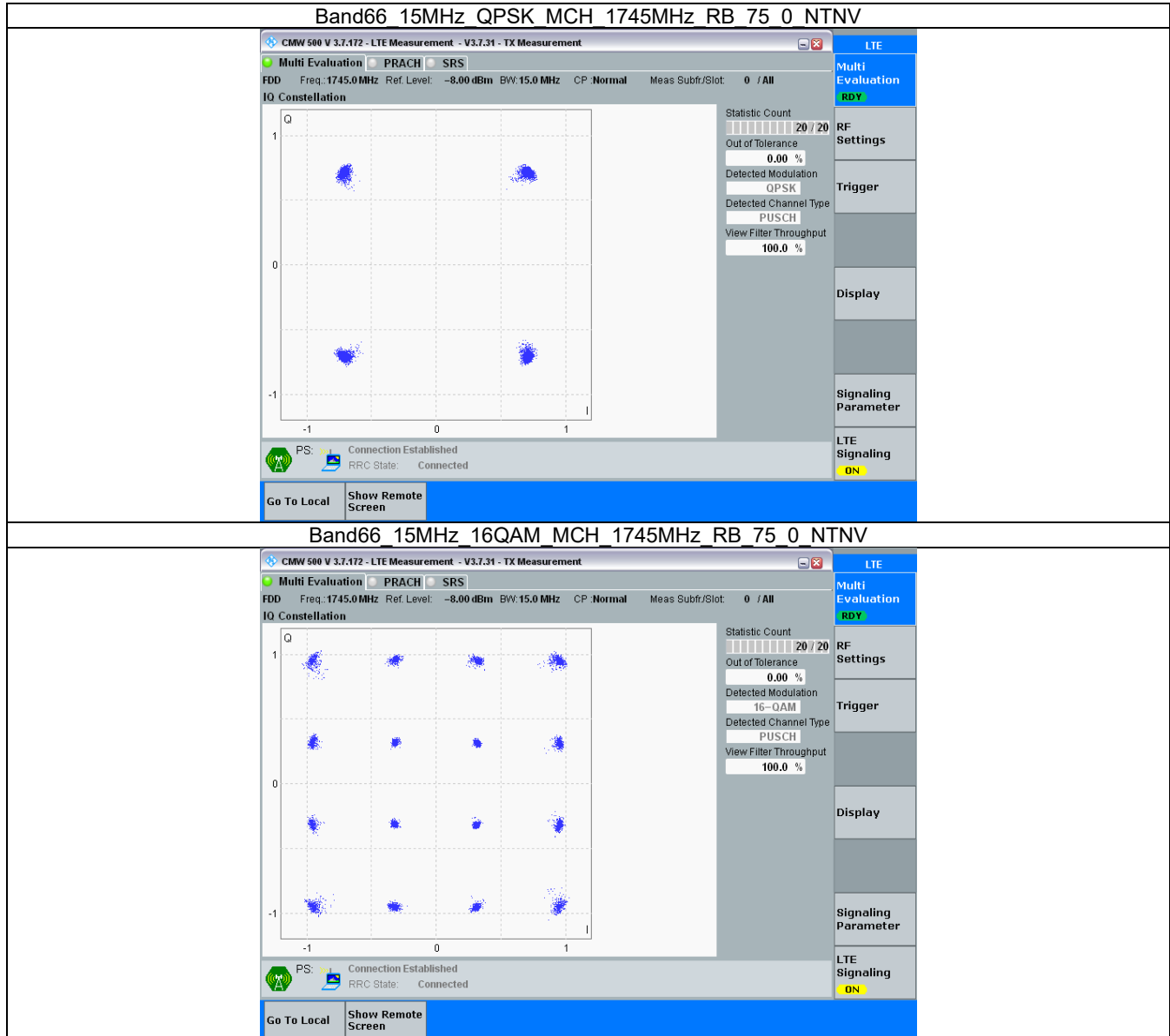
3.2.3 B66_5MHz



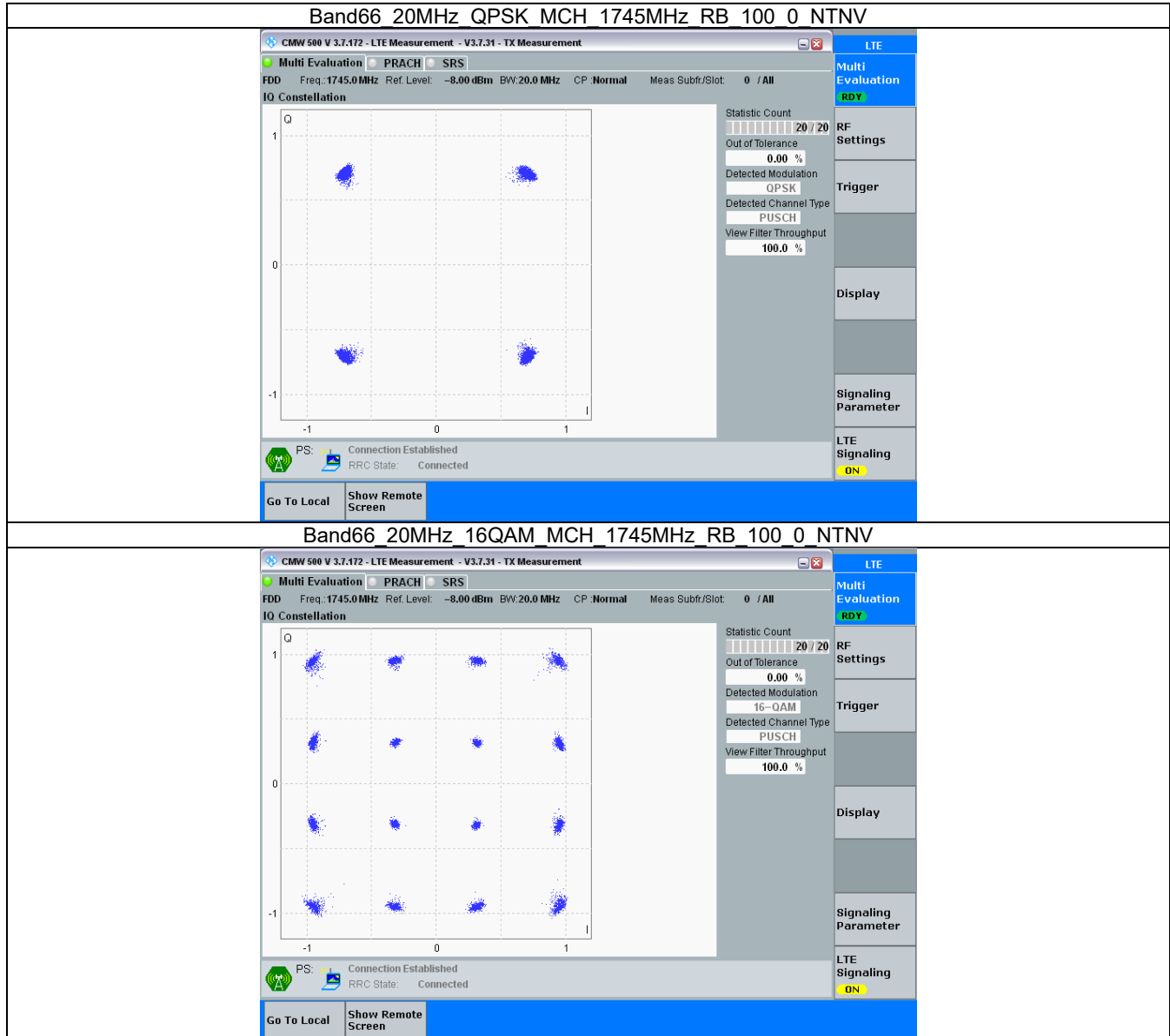
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.109	/	Pass
		1745	6	0	1.110	/	Pass
		1779.3	6	0	1.121	/	Pass
	16QAM	1710.7	6	0	1.117	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.126	/	Pass
3	QPSK	1711.5	15	0	2.747	/	Pass
		1745	15	0	2.768	/	Pass
		1778.5	15	0	2.765	/	Pass
	16QAM	1711.5	15	0	2.768	/	Pass
		1745	15	0	2.750	/	Pass
		1778.5	15	0	2.766	/	Pass
5	QPSK	1712.5	25	0	4.581	/	Pass
		1745	25	0	4.546	/	Pass
		1777.5	25	0	4.567	/	Pass
	16QAM	1712.5	25	0	4.540	/	Pass
		1745	25	0	4.579	/	Pass
		1777.5	25	0	4.576	/	Pass
10	QPSK	1715	50	0	9.083	/	Pass
		1745	50	0	9.062	/	Pass
		1775	50	0	9.058	/	Pass
	16QAM	1715	50	0	9.106	/	Pass
		1745	50	0	9.062	/	Pass
		1775	50	0	9.089	/	Pass
15	QPSK	1717.5	75	0	13.648	/	Pass
		1745	75	0	13.615	/	Pass
		1772.5	75	0	13.521	/	Pass
	16QAM	1717.5	75	0	13.628	/	Pass
		1745	75	0	13.616	/	Pass
		1772.5	75	0	13.592	/	Pass
20	QPSK	1720	100	0	18.181	/	Pass
		1745	100	0	18.132	/	Pass
		1770	100	0	18.102	/	Pass
	16QAM	1720	100	0	18.161	/	Pass
		1745	100	0	18.101	/	Pass
		1770	100	0	18.167	/	Pass

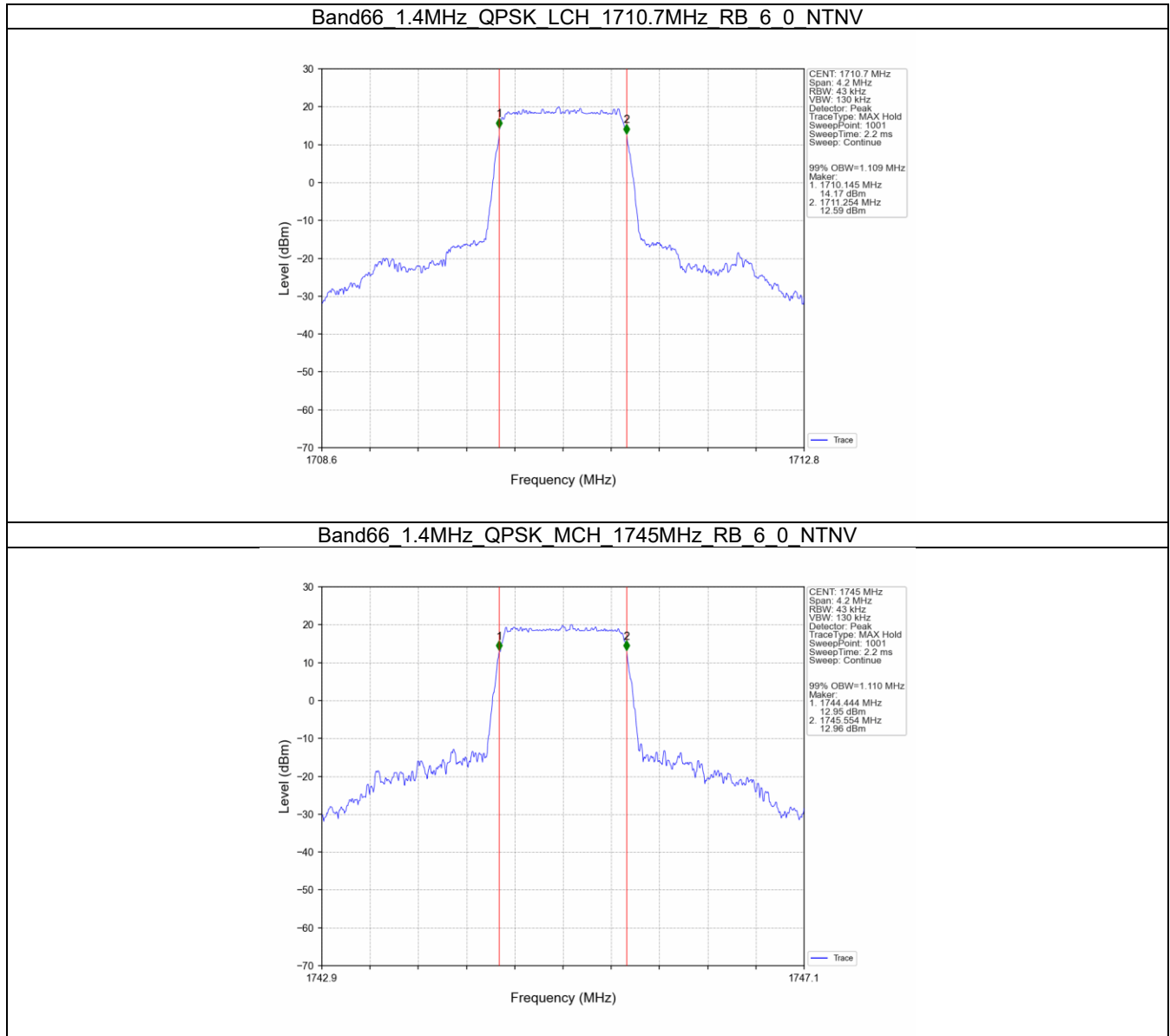
4.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.271	/	Pass
		1745	6	0	1.271	/	Pass
		1779.3	6	0	1.338	/	Pass

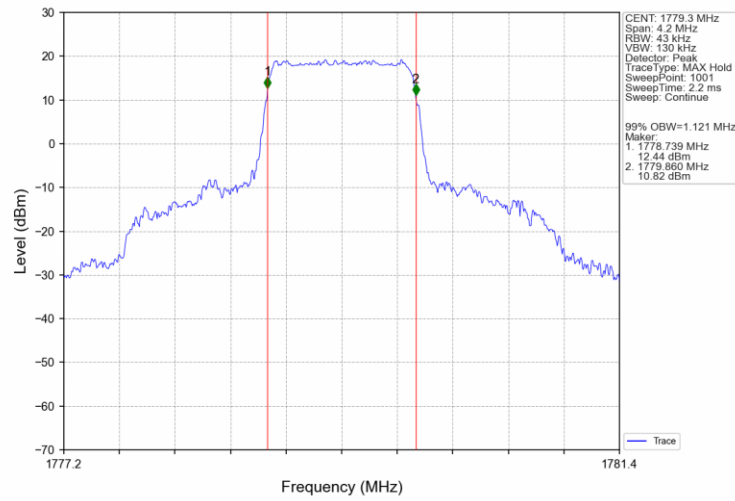
	16QAM	1710.7	6	0	1.279	/	Pass
		1745	6	0	1.271	/	Pass
		1779.3	6	0	1.306	/	Pass
3	QPSK	1711.5	15	0	3.099	/	Pass
		1745	15	0	3.088	/	Pass
		1778.5	15	0	3.114	/	Pass
	16QAM	1711.5	15	0	3.100	/	Pass
		1745	15	0	3.120	/	Pass
		1778.5	15	0	3.092	/	Pass
5	QPSK	1712.5	25	0	5.059	/	Pass
		1745	25	0	5.052	/	Pass
		1777.5	25	0	5.098	/	Pass
	16QAM	1712.5	25	0	5.054	/	Pass
		1745	25	0	5.069	/	Pass
		1777.5	25	0	5.055	/	Pass
10	QPSK	1715	50	0	10.036	/	Pass
		1745	50	0	9.776	/	Pass
		1775	50	0	10.057	/	Pass
	16QAM	1715	50	0	10.112	/	Pass
		1745	50	0	10.048	/	Pass
		1775	50	0	10.057	/	Pass
15	QPSK	1717.5	75	0	15.165	/	Pass
		1745	75	0	15.166	/	Pass
		1772.5	75	0	14.593	/	Pass
	16QAM	1717.5	75	0	15.140	/	Pass
		1745	75	0	15.167	/	Pass
		1772.5	75	0	15.108	/	Pass
20	QPSK	1720	100	0	19.980	/	Pass
		1745	100	0	20.036	/	Pass
		1770	100	0	20.001	/	Pass
	16QAM	1720	100	0	20.103	/	Pass
		1745	100	0	20.107	/	Pass
		1770	100	0	20.067	/	Pass

4.2 Test Graph

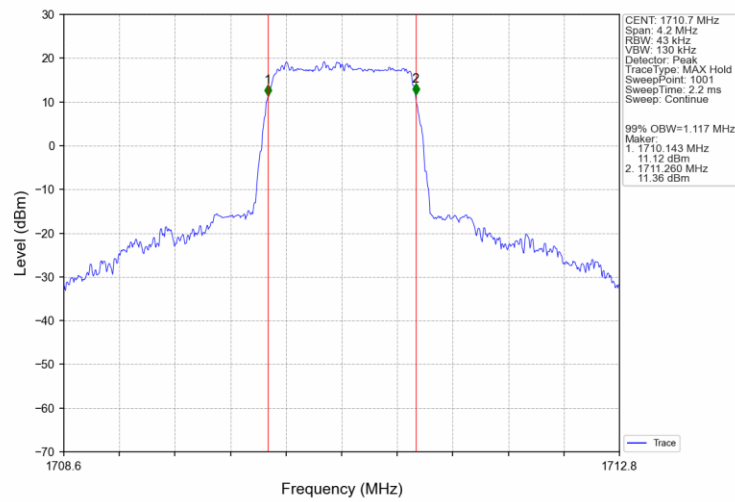
4.2.1 Band66_OBW



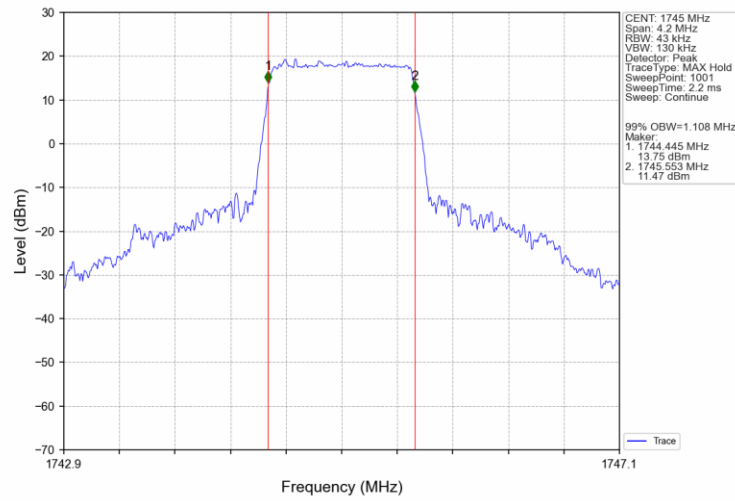
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



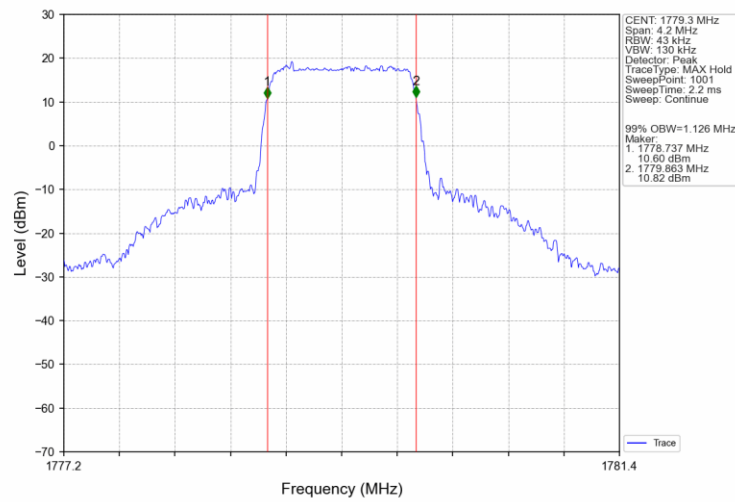
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



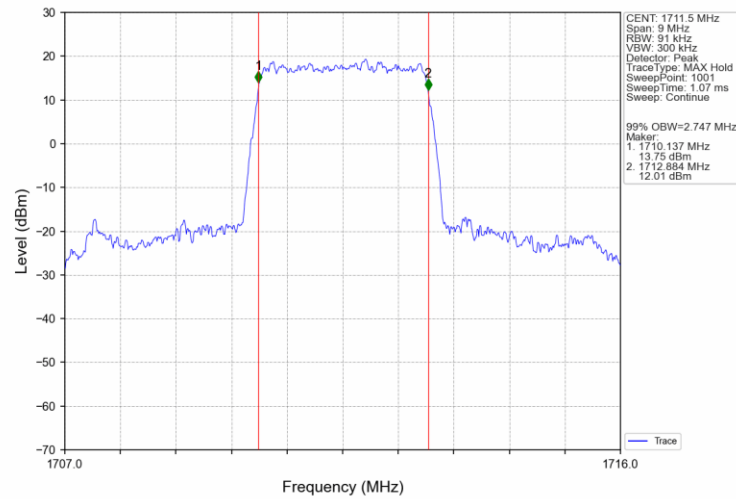
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



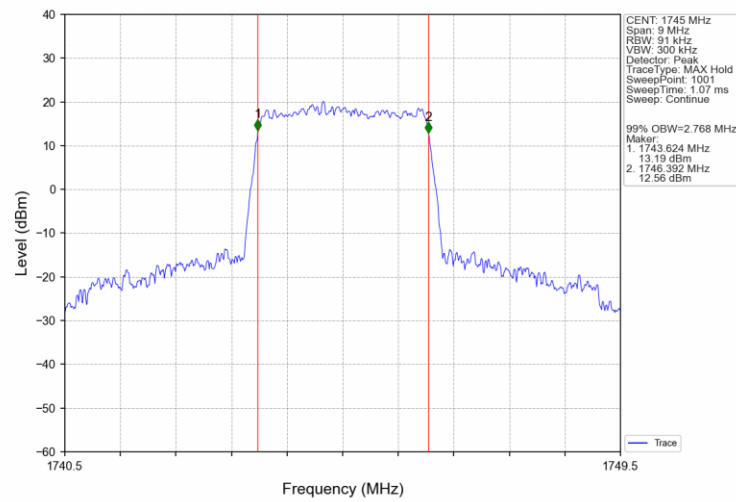
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



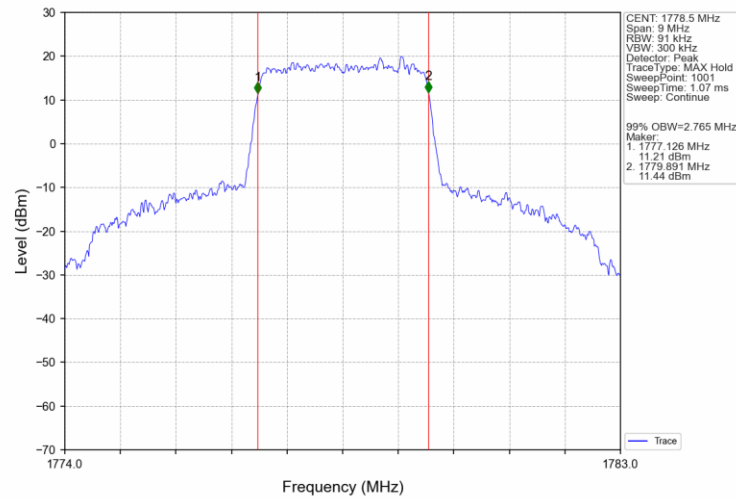
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



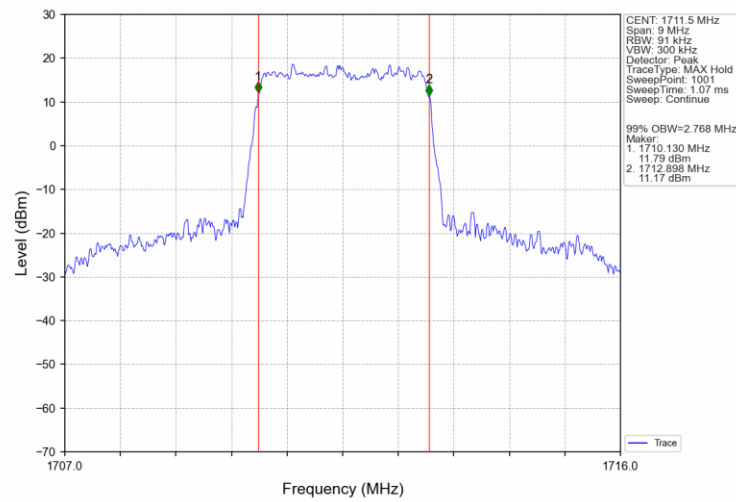
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



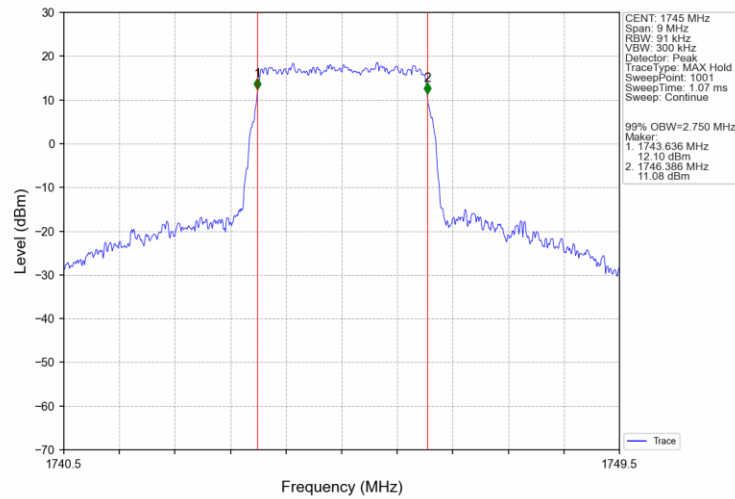
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



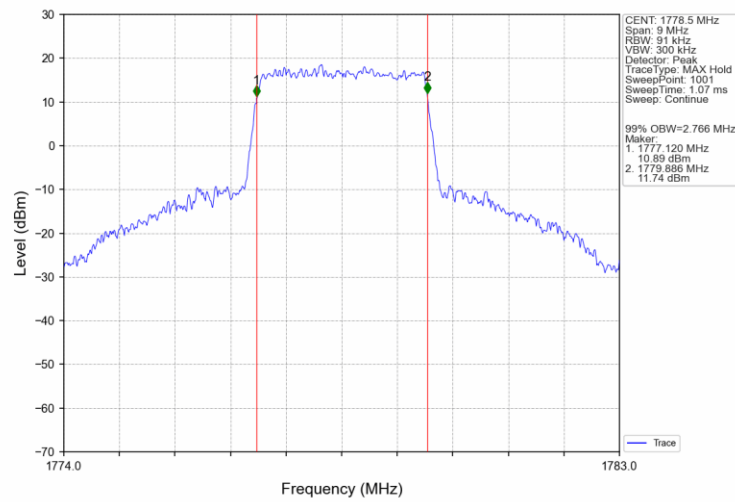
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



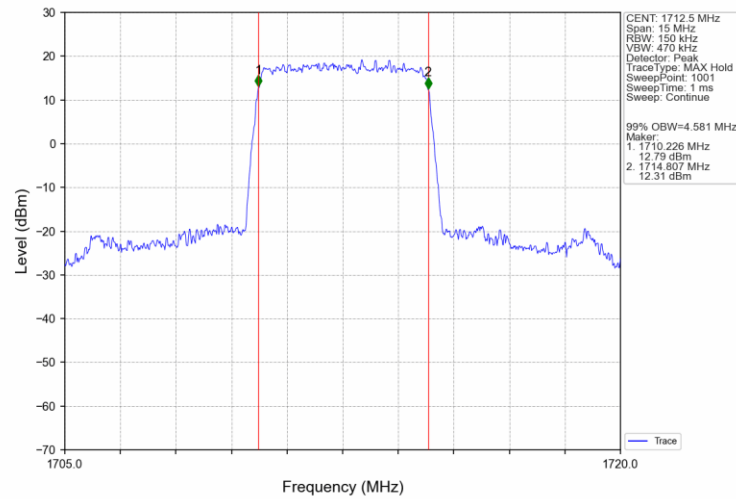
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



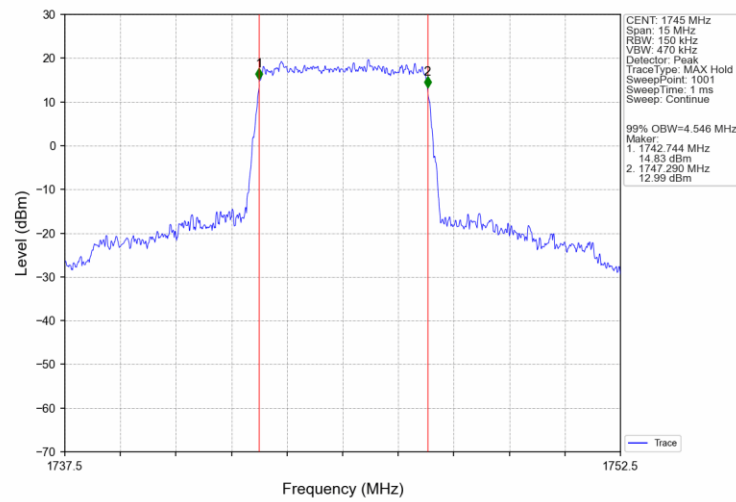
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



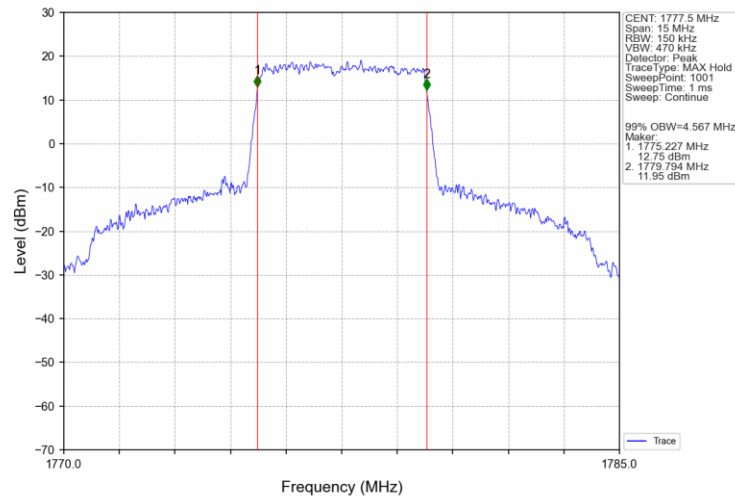
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



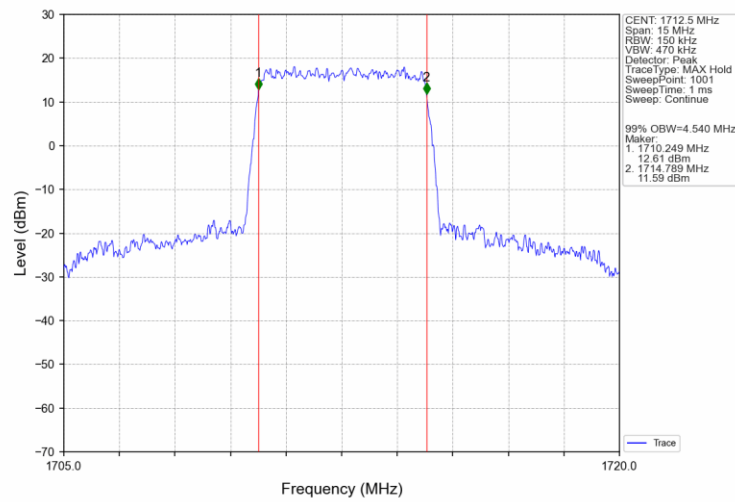
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



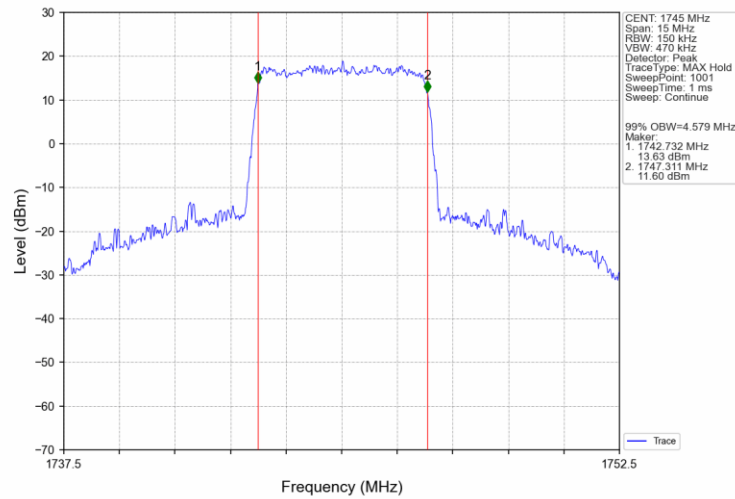
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



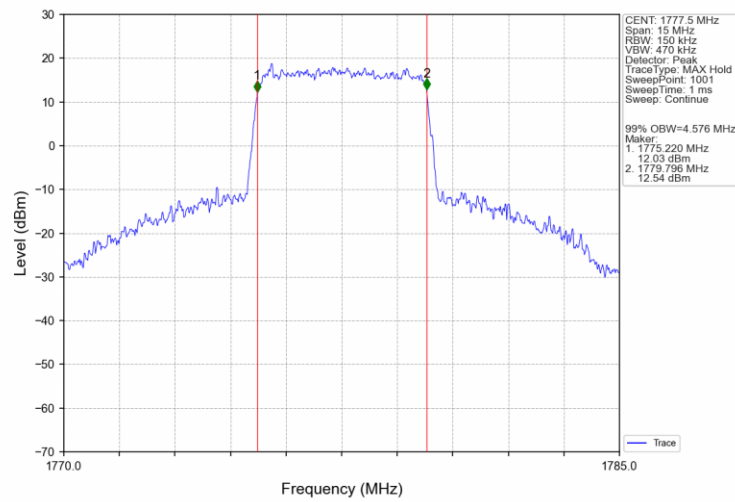
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



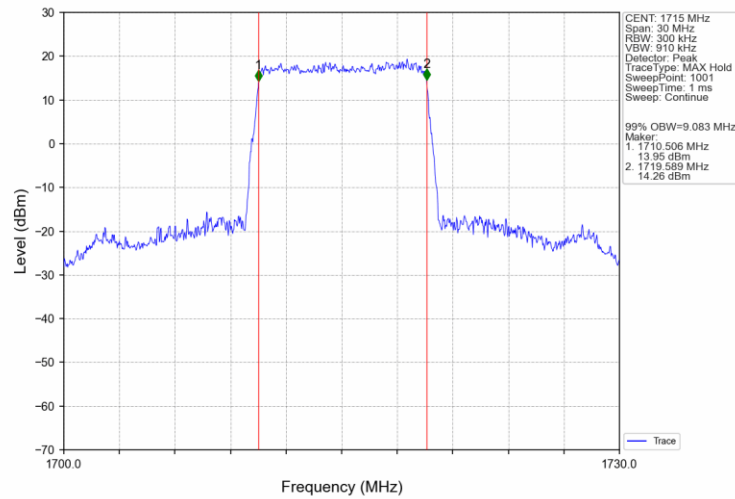
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



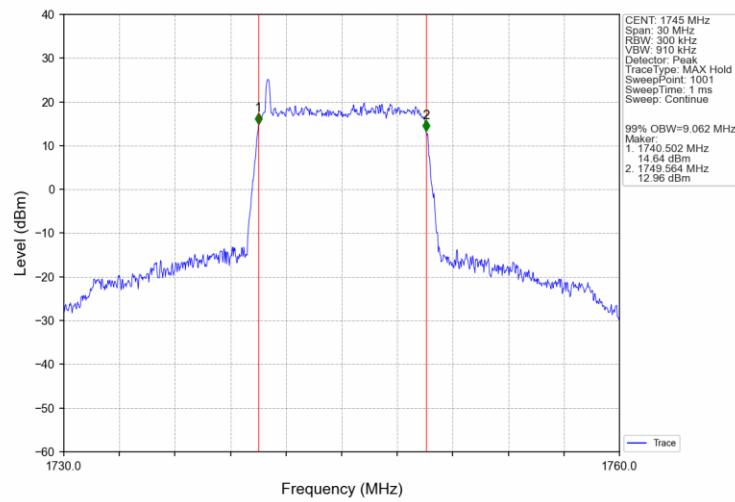
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



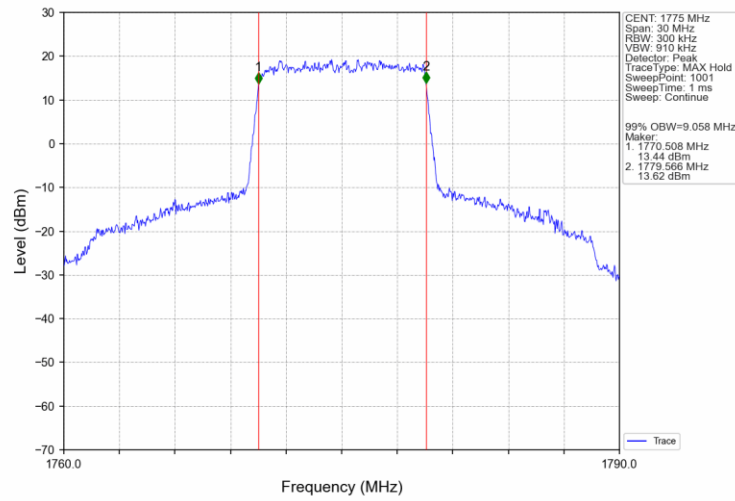
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



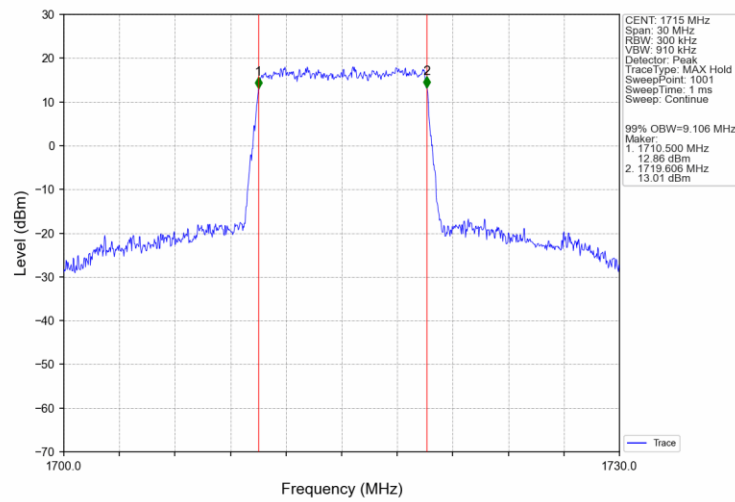
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



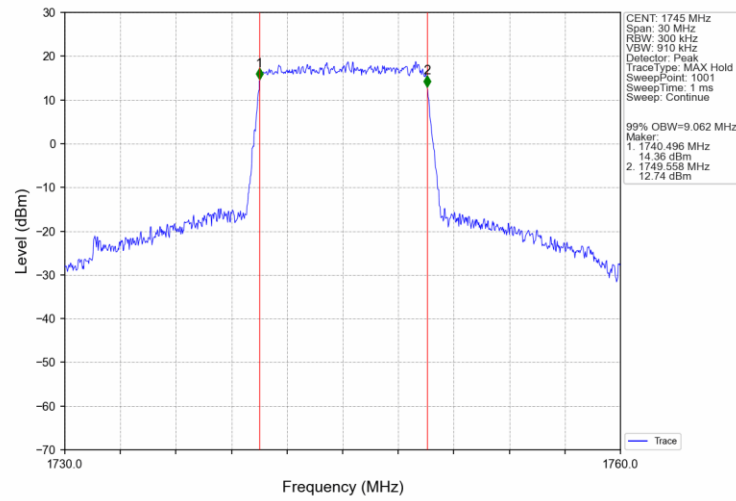
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



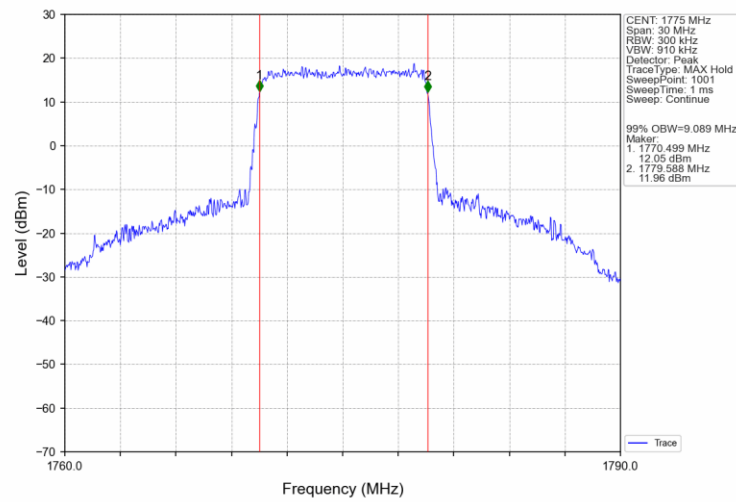
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



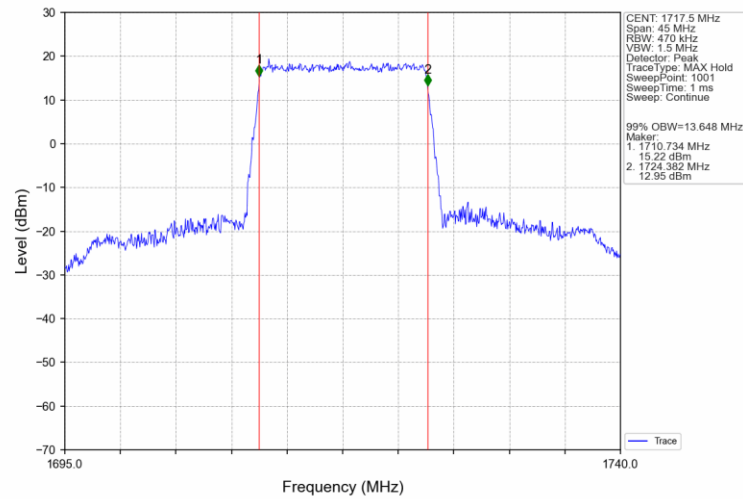
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



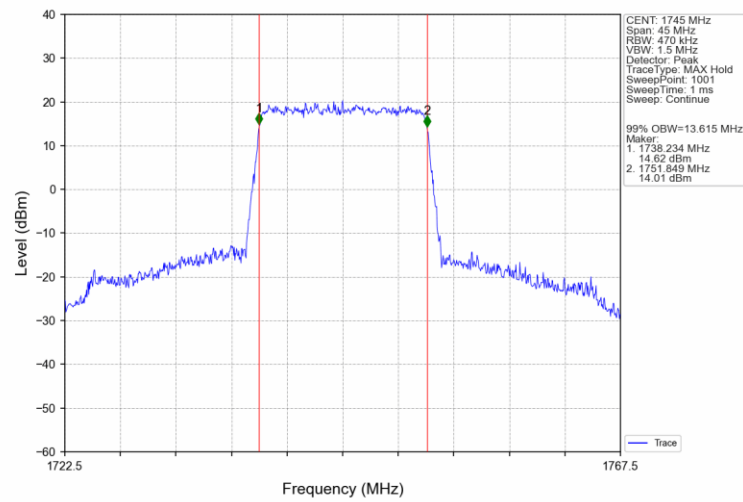
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



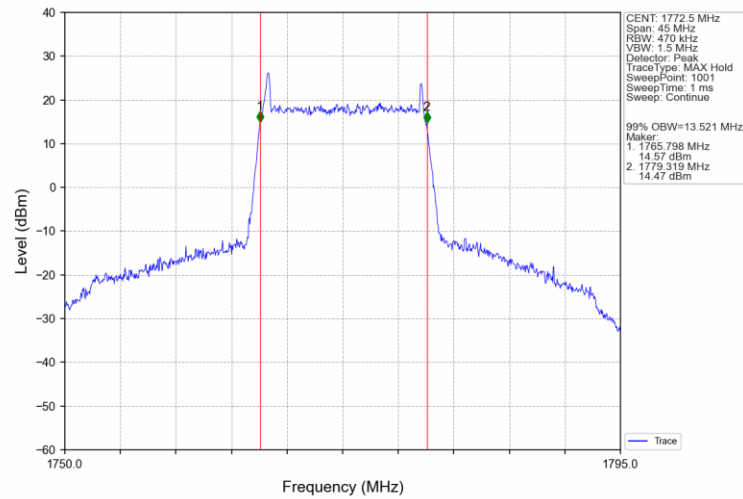
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTN



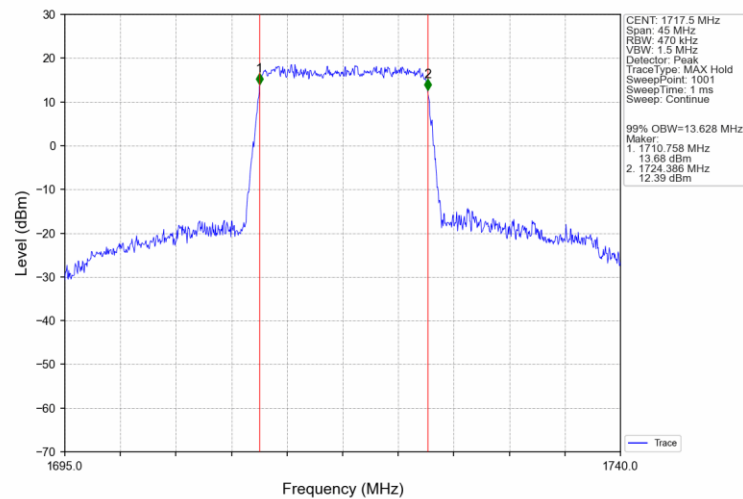
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTN



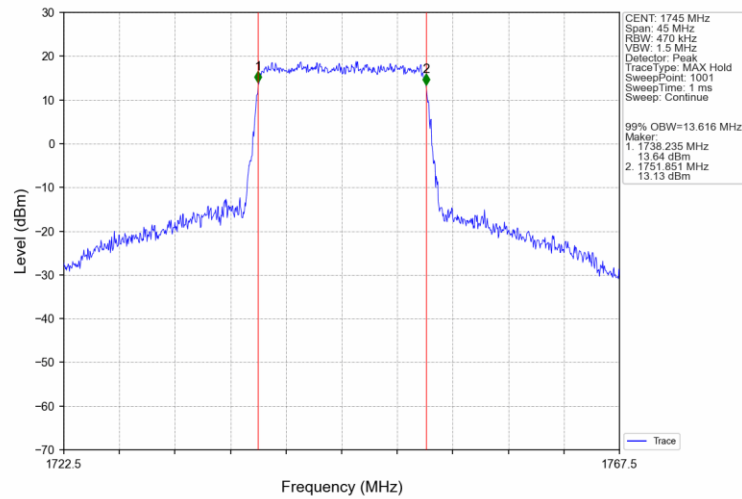
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



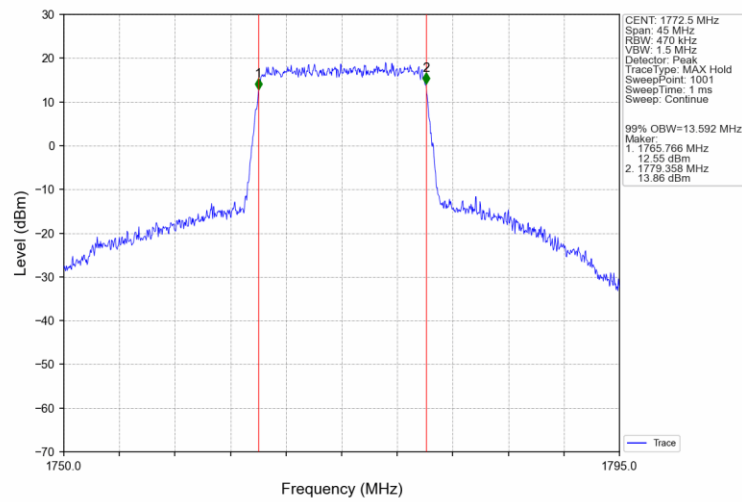
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



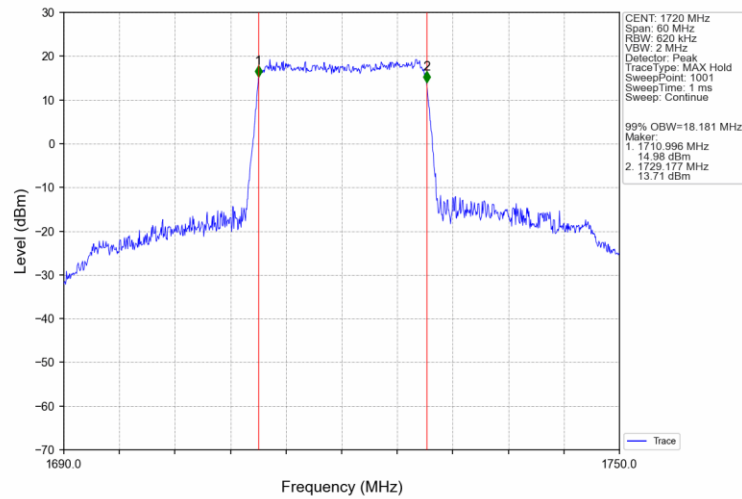
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



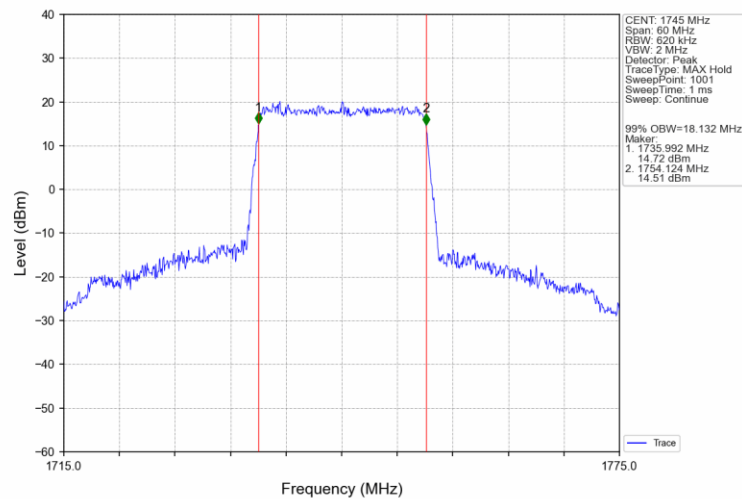
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



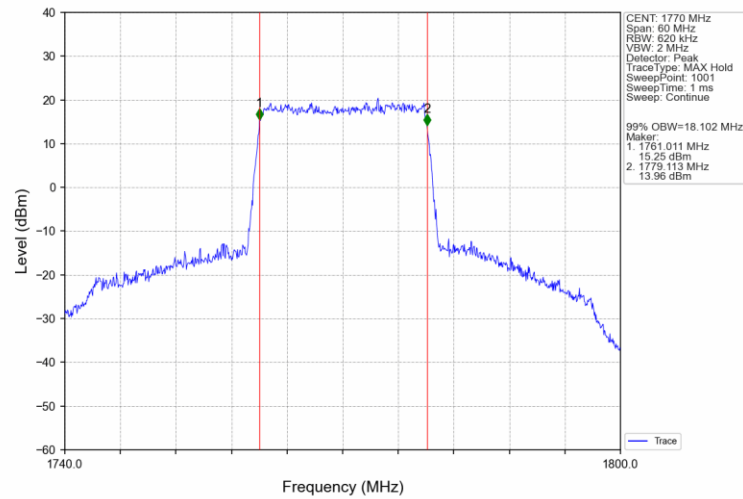
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



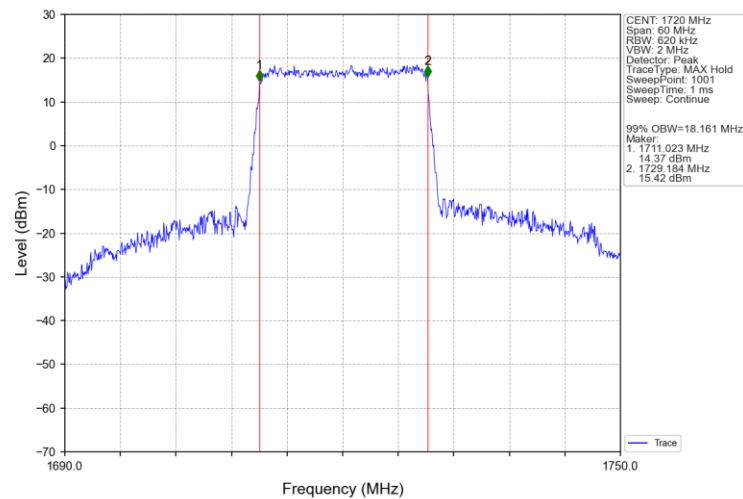
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



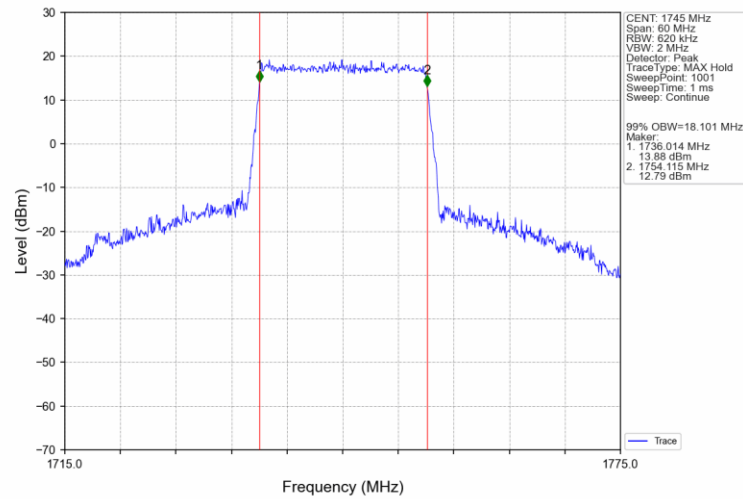
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



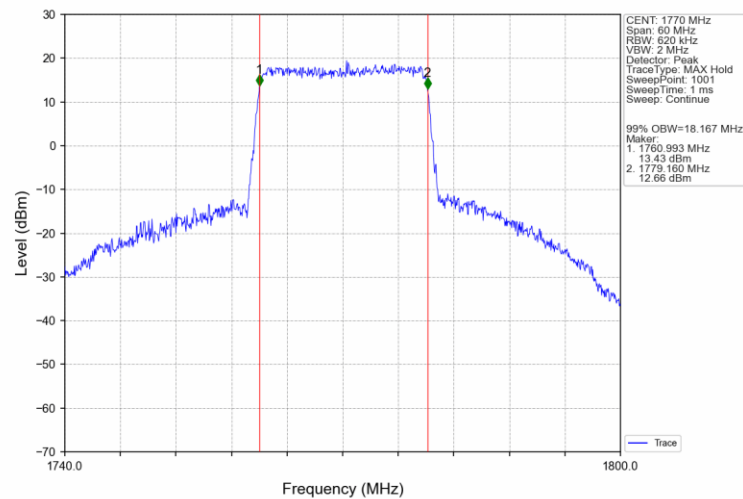
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



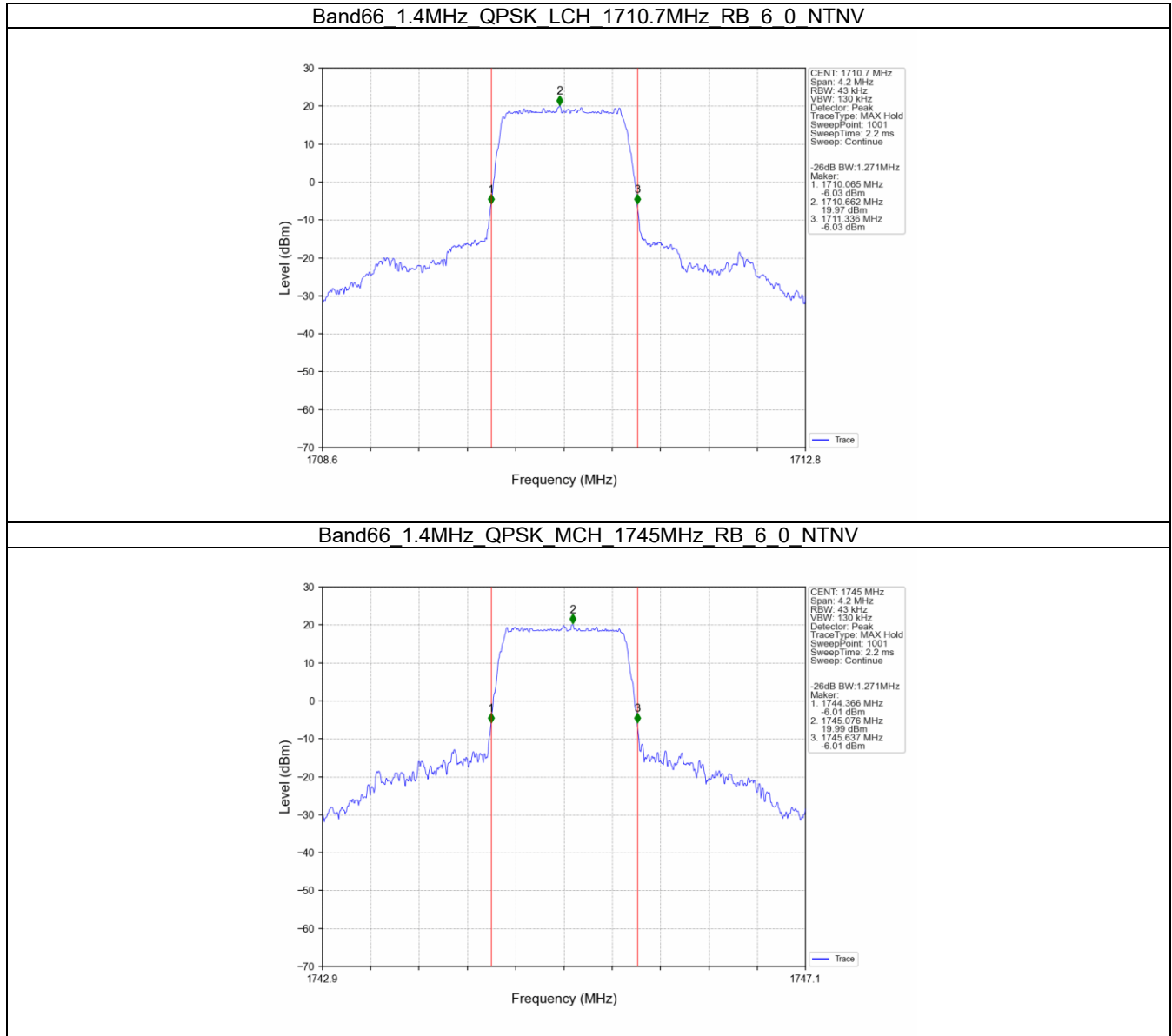
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



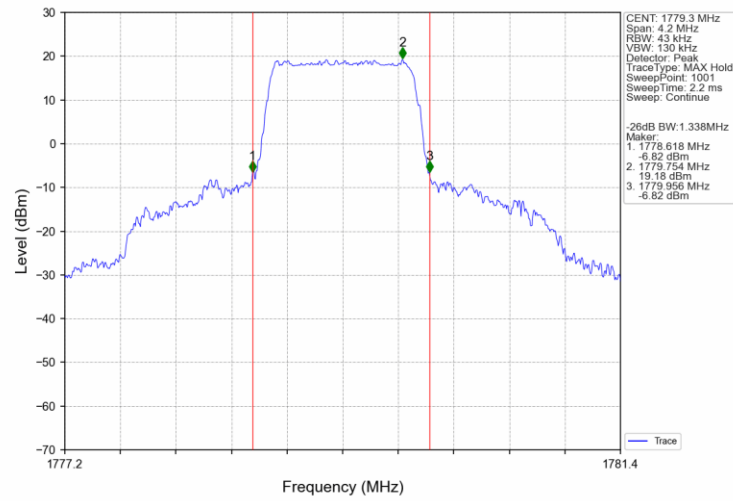
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



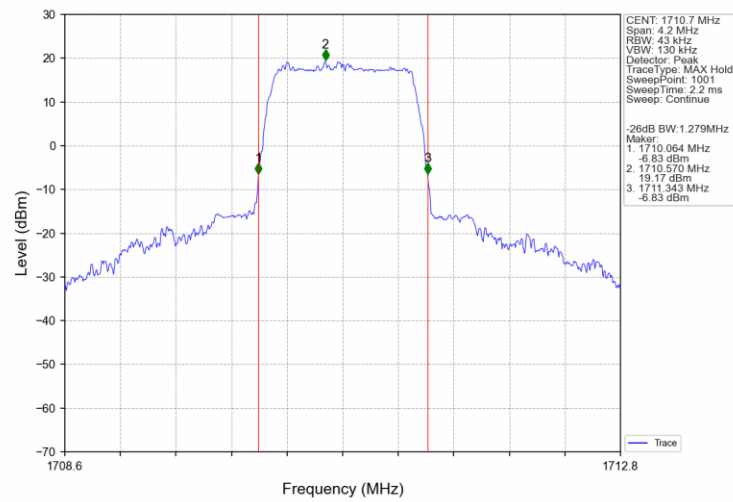
4.2.2 Band66_XDB



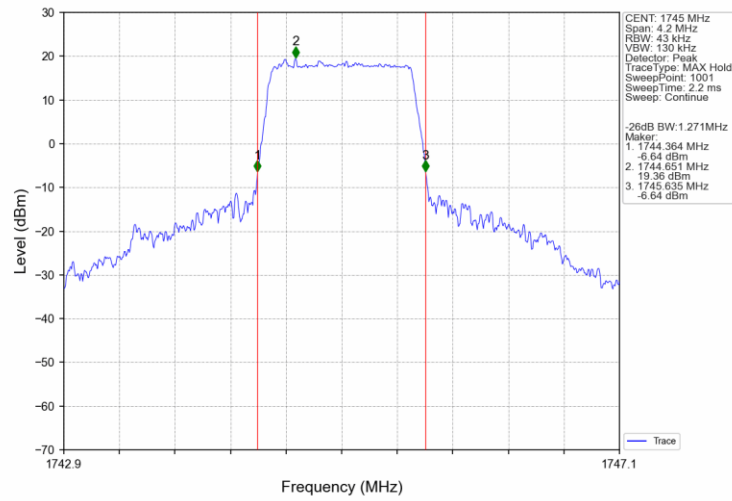
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



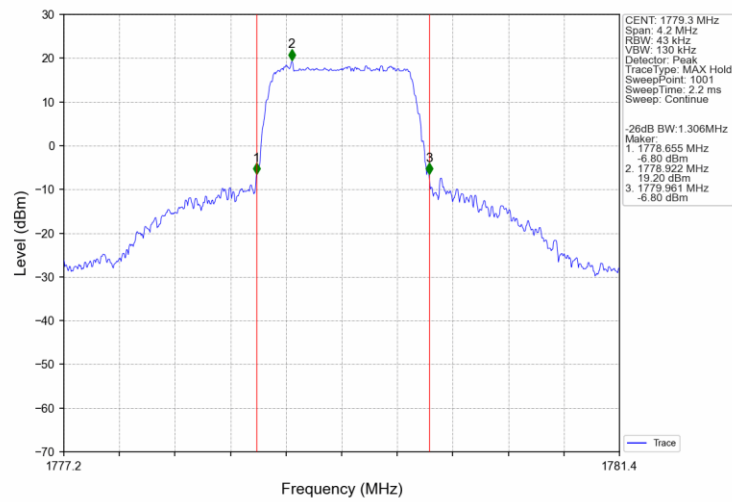
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



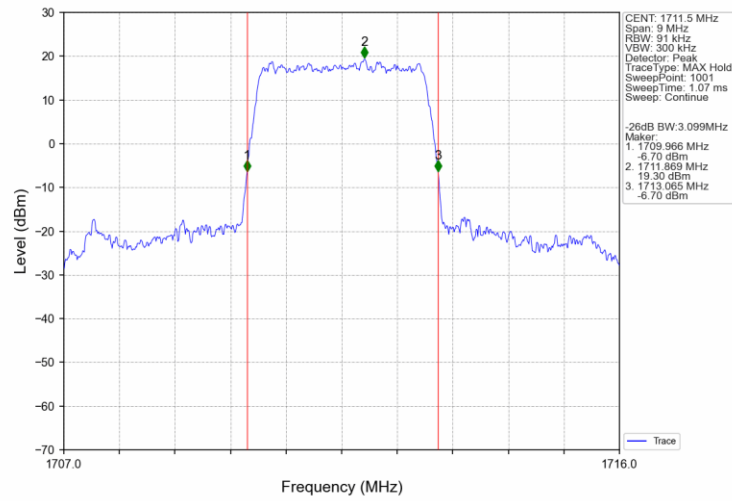
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



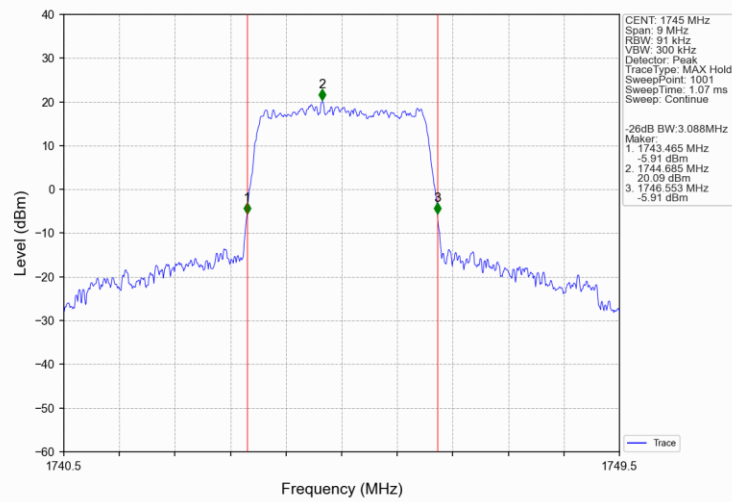
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



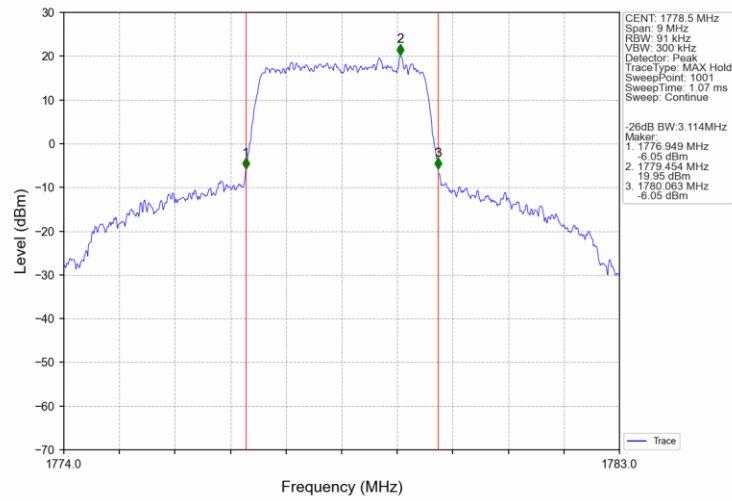
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



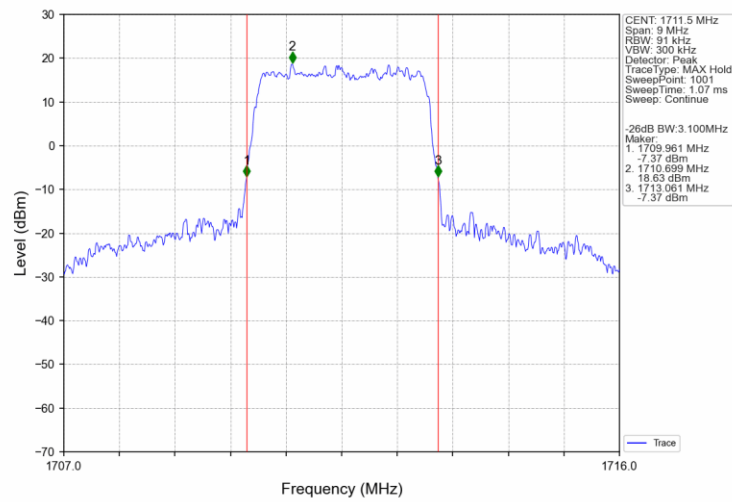
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



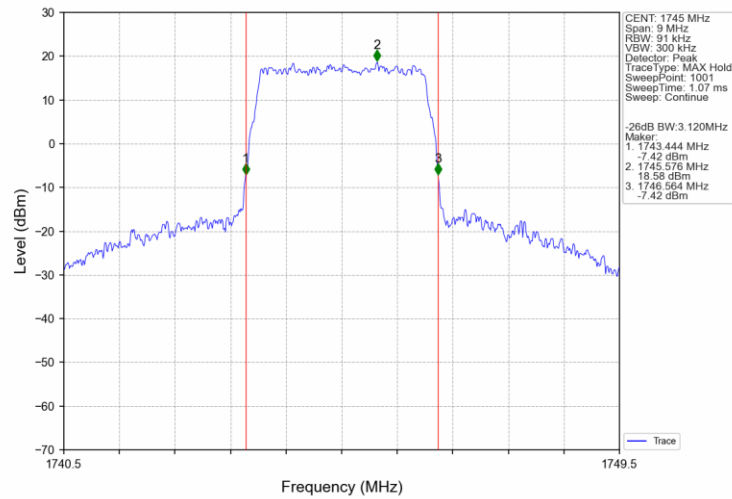
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



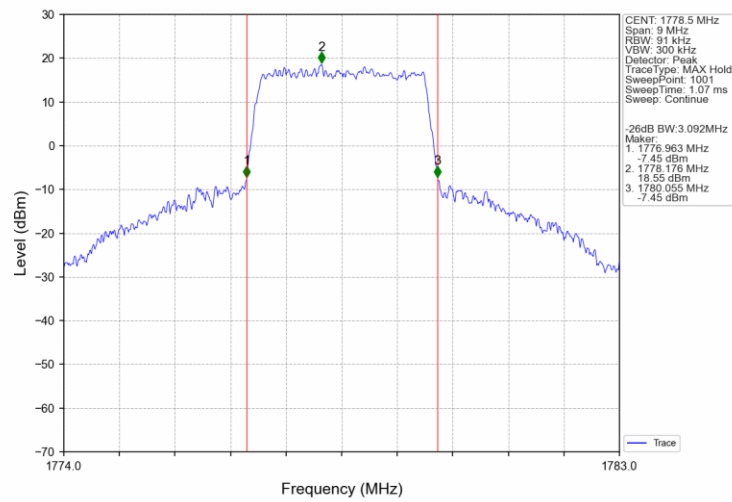
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



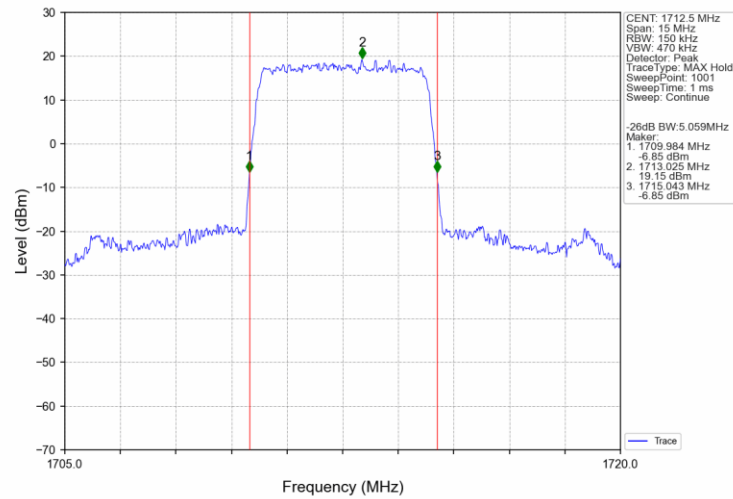
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



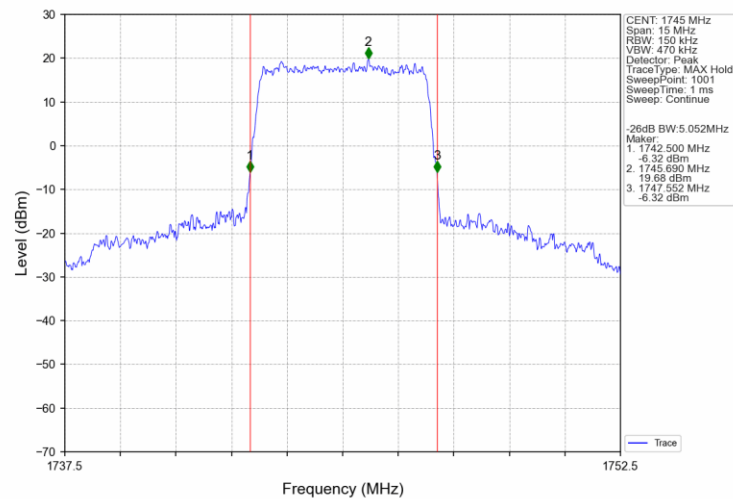
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



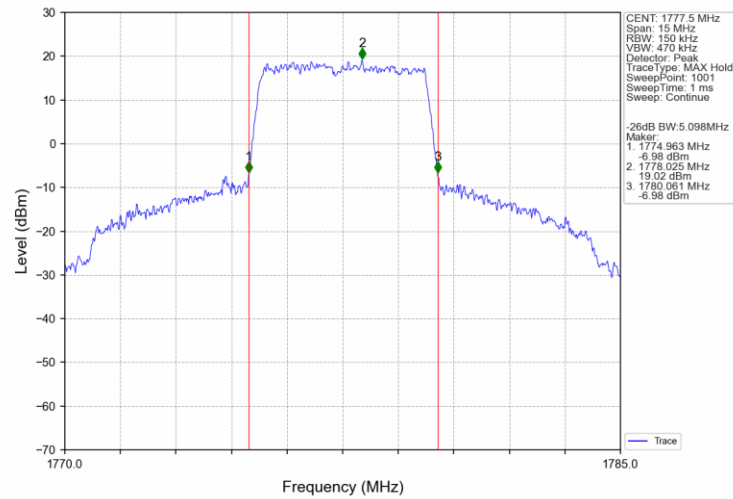
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



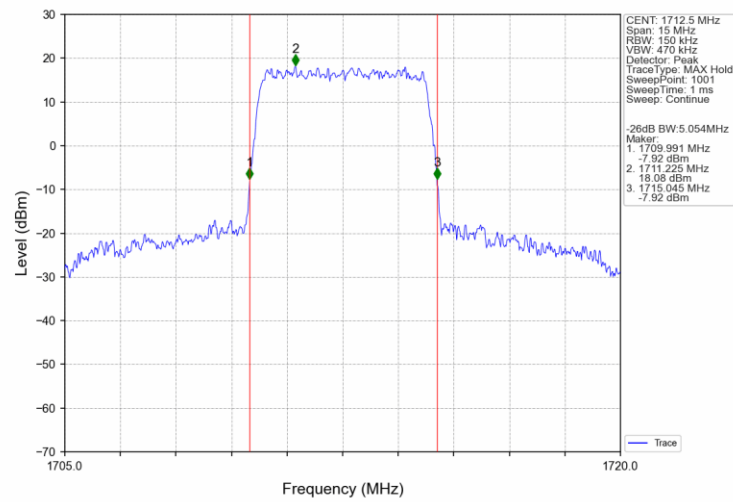
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



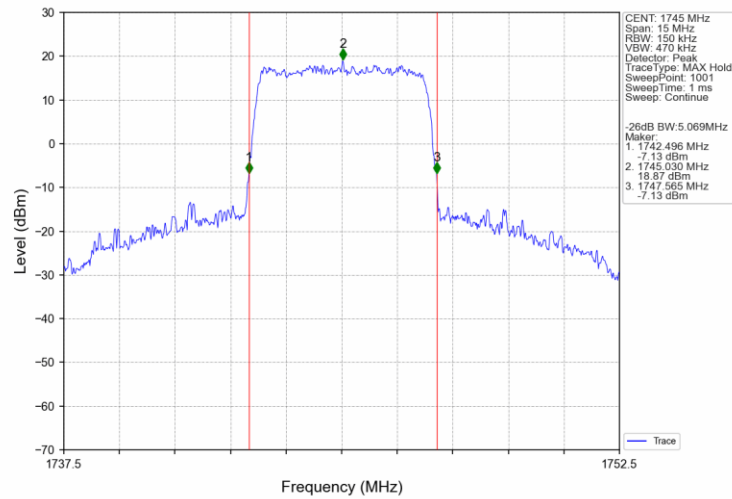
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



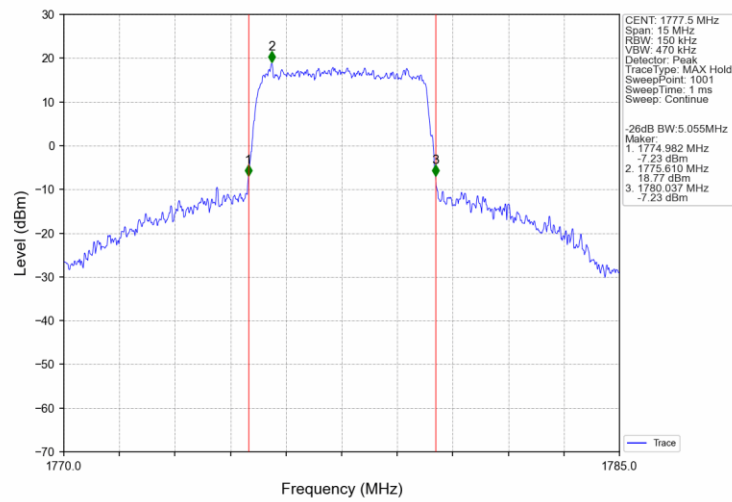
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



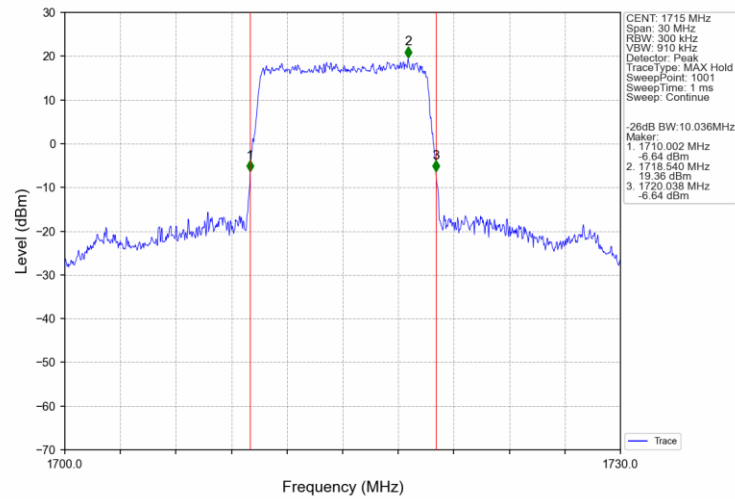
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



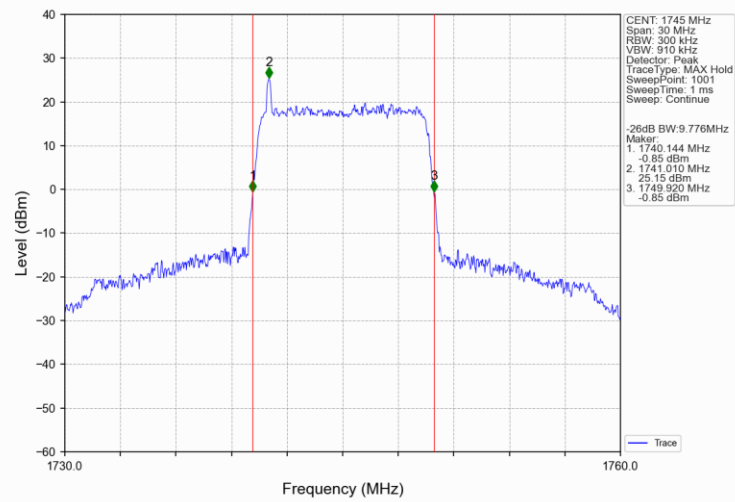
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



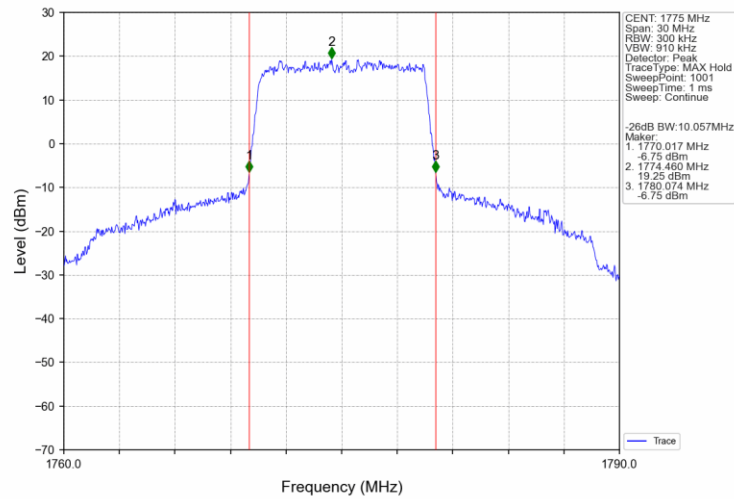
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV



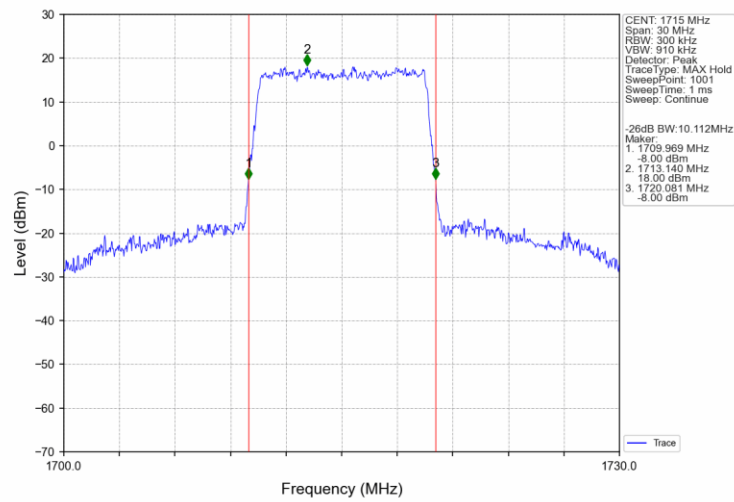
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



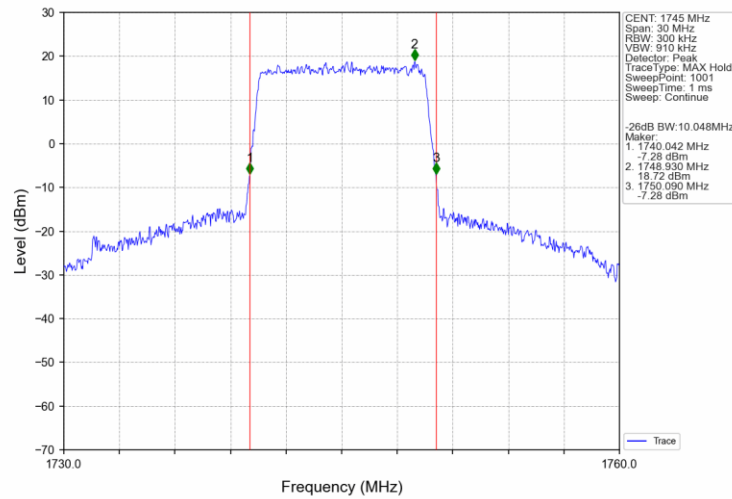
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



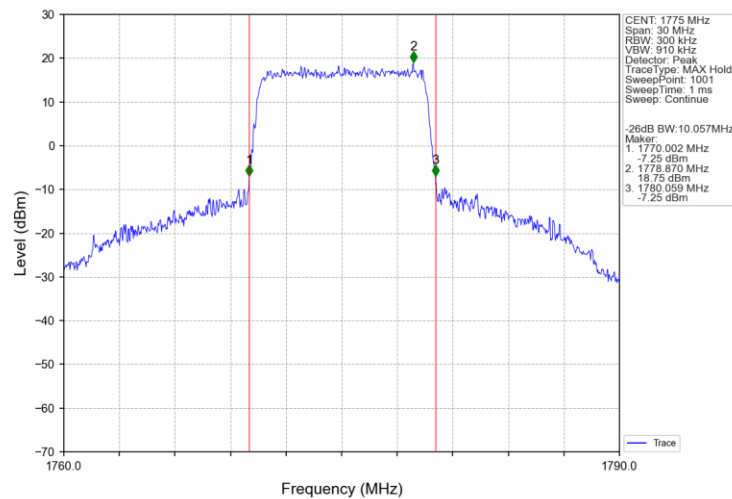
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



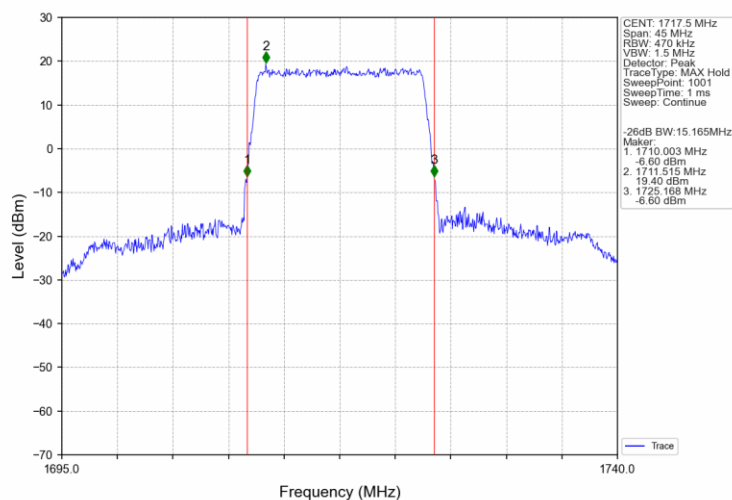
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



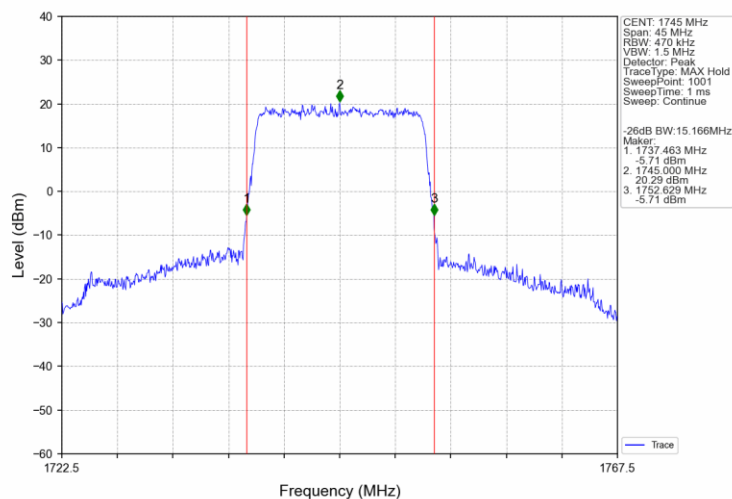
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



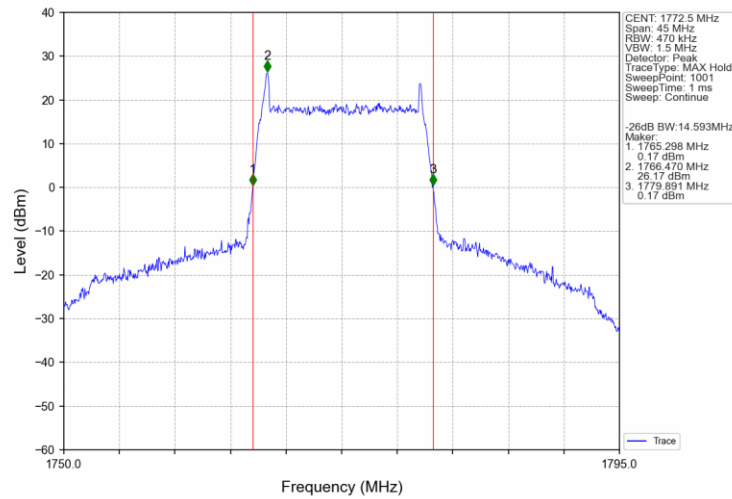
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTN



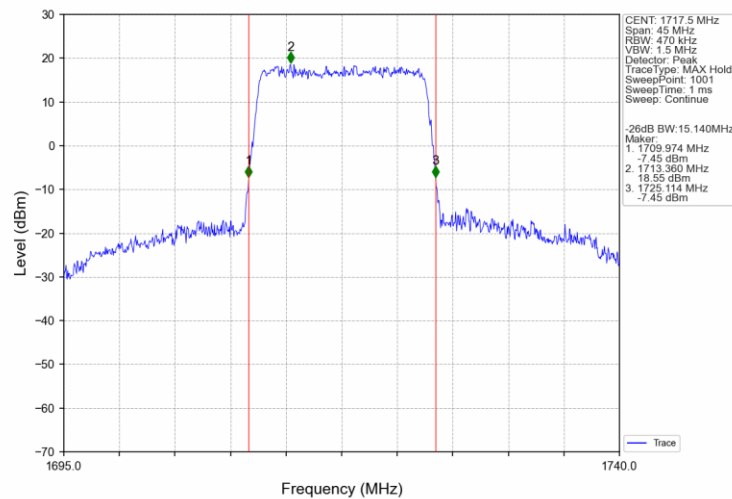
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTN



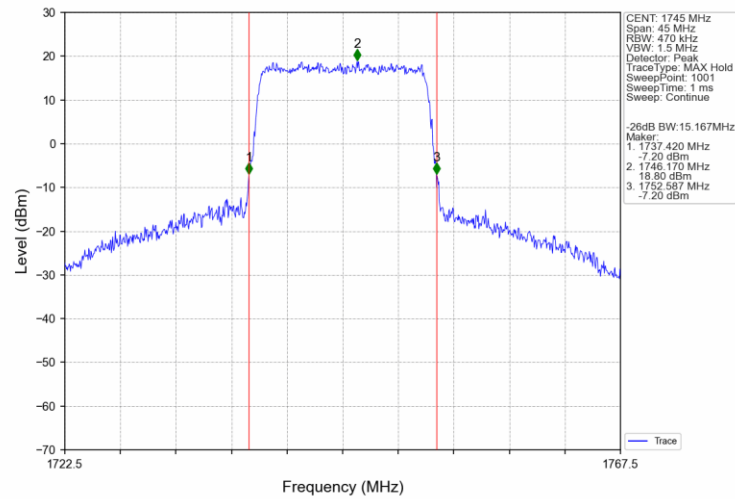
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV

