

Appendix test data for LTE Band 66

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	22.63	1.60	24.23	<=30	Pass
			2	22.59	1.60	24.19	<=30	Pass
			5	22.63	1.60	24.23	<=30	Pass
		3	0	22.55	1.60	24.15	<=30	Pass
			2	22.57	1.60	24.17	<=30	Pass
			3	22.57	1.60	24.17	<=30	Pass
		6	0	21.62	1.60	23.22	<=30	Pass
	1745	1	0	22.55	1.60	24.15	<=30	Pass
			2	22.29	1.60	23.89	<=30	Pass
			5	22.18	1.60	23.78	<=30	Pass
		3	0	22.58	1.60	24.18	<=30	Pass
			2	22.54	1.60	24.14	<=30	Pass
			3	22.52	1.60	24.12	<=30	Pass
		6	0	21.60	1.60	23.20	<=30	Pass
	1779.3	1	0	22.11	1.60	23.71	<=30	Pass
			2	22.09	1.60	23.69	<=30	Pass
			5	22.07	1.60	23.67	<=30	Pass
		3	0	22.64	1.60	24.24	<=30	Pass
			2	22.64	1.60	24.24	<=30	Pass
			3	22.62	1.60	24.22	<=30	Pass
		6	0	21.67	1.60	23.27	<=30	Pass
16QAM	1710.7	1	0	21.52	1.60	23.12	<=30	Pass
			2	21.46	1.60	23.06	<=30	Pass
			5	21.39	1.60	22.99	<=30	Pass
		3	0	21.51	1.60	23.11	<=30	Pass
			2	21.51	1.60	23.11	<=30	Pass
			3	21.50	1.60	23.10	<=30	Pass
		6	0	20.64	1.60	22.24	<=30	Pass
	1745	1	0	20.99	1.60	22.59	<=30	Pass
			2	21.02	1.60	22.62	<=30	Pass
			5	20.96	1.60	22.56	<=30	Pass
		3	0	21.48	1.60	23.08	<=30	Pass
			2	21.45	1.60	23.05	<=30	Pass
			3	21.42	1.60	23.02	<=30	Pass
		6	0	20.59	1.60	22.19	<=30	Pass
	1779.3	1	0	21.31	1.60	22.91	<=30	Pass
			2	21.36	1.60	22.96	<=30	Pass
			5	21.28	1.60	22.88	<=30	Pass
		3	0	21.59	1.60	23.19	<=30	Pass
			2	21.60	1.60	23.20	<=30	Pass
			3	21.58	1.60	23.18	<=30	Pass
		6	0	20.70	1.60	22.30	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.10	1.60	23.70	<=30	Pass
			7	22.10	1.60	23.70	<=30	Pass
			14	22.09	1.60	23.69	<=30	Pass
		8	0	21.60	1.60	23.20	<=30	Pass
			4	21.57	1.60	23.17	<=30	Pass
			7	21.64	1.60	23.24	<=30	Pass
		15	0	21.64	1.60	23.24	<=30	Pass
	1745	1	0	22.09	1.60	23.69	<=30	Pass
			7	22.09	1.60	23.69	<=30	Pass
			14	22.03	1.60	23.63	<=30	Pass
		8	0	21.57	1.60	23.17	<=30	Pass
			4	21.49	1.60	23.09	<=30	Pass
			7	21.48	1.60	23.08	<=30	Pass
		15	0	21.51	1.60	23.11	<=30	Pass
	1778.5	1	0	22.10	1.60	23.70	<=30	Pass
			7	22.21	1.60	23.81	<=30	Pass
			14	22.17	1.60	23.77	<=30	Pass
		8	0	21.62	1.60	23.22	<=30	Pass
			4	21.63	1.60	23.23	<=30	Pass
			7	21.63	1.60	23.23	<=30	Pass
		15	0	21.62	1.60	23.22	<=30	Pass
16QAM	1711.5	1	0	21.28	1.60	22.88	<=30	Pass
			7	21.27	1.60	22.87	<=30	Pass
			14	21.25	1.60	22.85	<=30	Pass
		8	0	20.62	1.60	22.22	<=30	Pass
			4	20.62	1.60	22.22	<=30	Pass
			7	20.67	1.60	22.27	<=30	Pass
		15	0	20.56	1.60	22.16	<=30	Pass
	1745	1	0	20.96	1.60	22.56	<=30	Pass
			7	20.95	1.60	22.55	<=30	Pass
			14	20.90	1.60	22.50	<=30	Pass
		8	0	20.60	1.60	22.20	<=30	Pass
			4	20.55	1.60	22.15	<=30	Pass
			7	20.53	1.60	22.13	<=30	Pass
		15	0	20.43	1.60	22.03	<=30	Pass
	1778.5	1	0	21.28	1.60	22.88	<=30	Pass
			7	21.35	1.60	22.95	<=30	Pass
			14	21.28	1.60	22.88	<=30	Pass
		8	0	20.69	1.60	22.29	<=30	Pass
4			20.70	1.60	22.30	<=30	Pass	
7			20.70	1.60	22.30	<=30	Pass	
15		0	20.64	1.60	22.24	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.14	1.60	23.74	<=30	Pass
			13	22.20	1.60	23.80	<=30	Pass
			24	22.21	1.60	23.81	<=30	Pass
		12	0	21.60	1.60	23.20	<=30	Pass
			6	21.64	1.60	23.24	<=30	Pass

16QAM	1745	25	13	21.68	1.60	23.28	<=30	Pass
			0	21.66	1.60	23.26	<=30	Pass
			25	0	21.66	1.60	23.26	Pass
		1	0	22.20	1.60	23.80	<=30	Pass
			13	22.16	1.60	23.76	<=30	Pass
			24	22.14	1.60	23.74	<=30	Pass
		12	0	21.57	1.60	23.17	<=30	Pass
			6	21.58	1.60	23.18	<=30	Pass
			13	21.50	1.60	23.10	<=30	Pass
	1777.5	25	0	21.54	1.60	23.14	<=30	Pass
			0	22.20	1.60	23.80	<=30	Pass
			13	22.25	1.60	23.85	<=30	Pass
		1	24	22.28	1.60	23.88	<=30	Pass
			0	21.64	1.60	23.24	<=30	Pass
			6	21.64	1.60	23.24	<=30	Pass
		12	13	21.64	1.60	23.24	<=30	Pass
			0	21.65	1.60	23.25	<=30	Pass
			25	0	21.65	1.60	23.25	Pass
16QAM	1712.5	1	0	21.28	1.60	22.88	<=30	Pass
			13	21.33	1.60	22.93	<=30	Pass
			24	21.40	1.60	23.00	<=30	Pass
		12	0	20.62	1.60	22.22	<=30	Pass
			6	20.69	1.60	22.29	<=30	Pass
			13	20.70	1.60	22.30	<=30	Pass
		25	0	20.64	1.60	22.24	<=30	Pass
			0	21.26	1.60	22.86	<=30	Pass
			13	21.21	1.60	22.81	<=30	Pass
	1745	1	24	21.18	1.60	22.78	<=30	Pass
			0	20.60	1.60	22.20	<=30	Pass
			6	20.56	1.60	22.16	<=30	Pass
		12	13	20.52	1.60	22.12	<=30	Pass
			0	20.58	1.60	22.18	<=30	Pass
			25	0	20.58	1.60	22.18	Pass
	1777.5	1	0	21.17	1.60	22.77	<=30	Pass
			13	21.17	1.60	22.77	<=30	Pass
			24	21.18	1.60	22.78	<=30	Pass
		12	0	20.61	1.60	22.21	<=30	Pass
			6	20.61	1.60	22.21	<=30	Pass
			13	20.63	1.60	22.23	<=30	Pass
		25	0	20.67	1.60	22.27	<=30	Pass
			0	20.67	1.60	22.27	<=30	Pass
			25	0	20.67	1.60	22.27	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	22.03	1.60	23.63	<=30	Pass
			25	22.13	1.60	23.73	<=30	Pass
			49	22.11	1.60	23.71	<=30	Pass
		25	0	21.62	1.60	23.22	<=30	Pass
			13	21.68	1.60	23.28	<=30	Pass
			25	21.79	1.60	23.39	<=30	Pass
		50	0	21.69	1.60	23.29	<=30	Pass
			0	22.14	1.60	23.74	<=30	Pass
			25	22.12	1.60	23.72	<=30	Pass
	1745	1	49	22.02	1.60	23.62	<=30	Pass
			0	21.61	1.60	23.21	<=30	Pass
			13	21.53	1.60	23.13	<=30	Pass
		25	25	21.57	1.60	23.17	<=30	Pass
			0	21.63	1.60	23.23	<=30	Pass
			0	21.63	1.60	23.23	<=30	Pass
		50	0	21.63	1.60	23.23	<=30	Pass
			0	21.63	1.60	23.23	<=30	Pass
			25	0	21.63	1.60	23.23	Pass

	1775	1	0	22.01	1.60	23.61	<=30	Pass		
			25	22.13	1.60	23.73	<=30	Pass		
			49	22.15	1.60	23.75	<=30	Pass		
		25	0	21.61	1.60	23.21	<=30	Pass		
			13	21.60	1.60	23.20	<=30	Pass		
			25	21.69	1.60	23.29	<=30	Pass		
		50	0	21.69	1.60	23.29	<=30	Pass		
		16QAM	1715	1	0	21.24	1.60	22.84	<=30	Pass
					25	21.35	1.60	22.95	<=30	Pass
49	21.31				1.60	22.91	<=30	Pass		
25	0			20.62	1.60	22.22	<=30	Pass		
	13			20.67	1.60	22.27	<=30	Pass		
	25			20.82	1.60	22.42	<=30	Pass		
50	0			20.68	1.60	22.28	<=30	Pass		
1745	1		0	20.97	1.60	22.57	<=30	Pass		
			25	20.96	1.60	22.56	<=30	Pass		
			49	20.85	1.60	22.45	<=30	Pass		
	25		0	20.64	1.60	22.24	<=30	Pass		
			13	20.57	1.60	22.17	<=30	Pass		
			25	20.60	1.60	22.20	<=30	Pass		
	50		0	20.60	1.60	22.20	<=30	Pass		
1775	1		0	21.15	1.60	22.75	<=30	Pass		
			25	21.29	1.60	22.89	<=30	Pass		
			49	21.29	1.60	22.89	<=30	Pass		
	25		0	20.59	1.60	22.19	<=30	Pass		
			13	20.63	1.60	22.23	<=30	Pass		
		25	20.70	1.60	22.30	<=30	Pass			
	50	0	20.64	1.60	22.24	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

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	21.99	1.60	23.59	<=30	Pass
			38	22.09	1.60	23.69	<=30	Pass
			74	22.03	1.60	23.63	<=30	Pass
		36	0	21.52	1.60	23.12	<=30	Pass
			18	21.64	1.60	23.24	<=30	Pass
			39	21.73	1.60	23.33	<=30	Pass
		75	0	21.66	1.60	23.26	<=30	Pass
	1745	1	0	22.12	1.60	23.72	<=30	Pass
			38	22.10	1.60	23.70	<=30	Pass
			74	21.87	1.60	23.47	<=30	Pass
		36	0	21.61	1.60	23.21	<=30	Pass
			18	21.52	1.60	23.12	<=30	Pass
			39	21.47	1.60	23.07	<=30	Pass
		75	0	21.60	1.60	23.20	<=30	Pass
	1772.5	1	0	21.91	1.60	23.51	<=30	Pass
			38	22.06	1.60	23.66	<=30	Pass
			74	22.11	1.60	23.71	<=30	Pass
		36	0	21.55	1.60	23.15	<=30	Pass
			18	21.56	1.60	23.16	<=30	Pass
			39	21.62	1.60	23.22	<=30	Pass
		75	0	21.61	1.60	23.21	<=30	Pass
16QAM	1717.5	1	0	21.26	1.60	22.86	<=30	Pass
			38	21.40	1.60	23.00	<=30	Pass

		36	74	21.33	1.60	22.93	<=30	Pass
			0	20.60	1.60	22.20	<=30	Pass
			18	20.71	1.60	22.31	<=30	Pass
			39	20.77	1.60	22.37	<=30	Pass
		75	0	20.66	1.60	22.26	<=30	Pass
	1745	1	0	21.00	1.60	22.60	<=30	Pass
			38	20.95	1.60	22.55	<=30	Pass
			74	20.74	1.60	22.34	<=30	Pass
		36	0	20.57	1.60	22.17	<=30	Pass
			18	20.47	1.60	22.07	<=30	Pass
			39	20.45	1.60	22.05	<=30	Pass
		75	0	20.53	1.60	22.13	<=30	Pass
	1772.5	1	0	21.08	1.60	22.68	<=30	Pass
			38	21.23	1.60	22.83	<=30	Pass
			74	21.24	1.60	22.84	<=30	Pass
		36	0	20.55	1.60	22.15	<=30	Pass
			18	20.57	1.60	22.17	<=30	Pass
			39	20.65	1.60	22.25	<=30	Pass
		75	0	20.58	1.60	22.18	<=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	22.03	1.60	23.63	<=30	Pass
			50	22.17	1.60	23.77	<=30	Pass
			99	22.07	1.60	23.67	<=30	Pass
		50	0	21.49	1.60	23.09	<=30	Pass
			25	21.70	1.60	23.30	<=30	Pass
			50	21.83	1.60	23.43	<=30	Pass
		100	0	21.71	1.60	23.31	<=30	Pass
	1745	1	0	21.93	1.60	23.53	<=30	Pass
			50	22.00	1.60	23.60	<=30	Pass
			99	21.76	1.60	23.36	<=30	Pass
		50	0	21.68	1.60	23.28	<=30	Pass
			25	21.62	1.60	23.22	<=30	Pass
			50	21.60	1.60	23.20	<=30	Pass
		100	0	21.63	1.60	23.23	<=30	Pass
	1770	1	0	21.92	1.60	23.52	<=30	Pass
			50	22.16	1.60	23.76	<=30	Pass
			99	22.16	1.60	23.76	<=30	Pass
		50	0	21.61	1.60	23.21	<=30	Pass
			25	21.59	1.60	23.19	<=30	Pass
			50	21.64	1.60	23.24	<=30	Pass
		100	0	21.61	1.60	23.21	<=30	Pass
16QAM	1720	1	0	21.13	1.60	22.73	<=30	Pass
			50	21.32	1.60	22.92	<=30	Pass
			99	21.32	1.60	22.92	<=30	Pass
		50	0	20.47	1.60	22.07	<=30	Pass
			25	20.70	1.60	22.30	<=30	Pass
			50	20.86	1.60	22.46	<=30	Pass
		100	0	20.67	1.60	22.27	<=30	Pass
	1745	1	0	21.08	1.60	22.68	<=30	Pass
			50	21.12	1.60	22.72	<=30	Pass
			99	20.88	1.60	22.48	<=30	Pass
		50	0	20.70	1.60	22.30	<=30	Pass
			0	20.70	1.60	22.30	<=30	Pass

			25	20.65	1.60	22.25	<=30	Pass
			50	20.62	1.60	22.22	<=30	Pass
		100	0	20.63	1.60	22.23	<=30	Pass
	1770	1	0	20.99	1.60	22.59	<=30	Pass
			50	21.23	1.60	22.83	<=30	Pass
			99	21.21	1.60	22.81	<=30	Pass
		50	0	20.58	1.60	22.18	<=30	Pass
			25	20.53	1.60	22.13	<=30	Pass
			50	20.62	1.60	22.22	<=30	Pass
		100	0	20.58	1.60	22.18	<=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	-5.722	-0.0033	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.076	0.0018	-2.5 to 2.5	Pass
				-20	3.85	10.242	0.0060	-2.5 to 2.5	Pass
				-10	3.85	12.603	0.0074	-2.5 to 2.5	Pass
				0	3.85	8.140	0.0048	-2.5 to 2.5	Pass
				10	3.85	9.427	0.0055	-2.5 to 2.5	Pass
				30	3.85	4.191	0.0024	-2.5 to 2.5	Pass
				40	3.85	10.529	0.0062	-2.5 to 2.5	Pass
				50	3.85	9.556	0.0056	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	7.195	0.0041	-2.5 to 2.5	Pass
					3.85	8.941	0.0051	-2.5 to 2.5	Pass
					4.43	8.540	0.0049	-2.5 to 2.5	Pass
				-30	3.85	3.819	0.0022	-2.5 to 2.5	Pass
				-20	3.85	9.542	0.0055	-2.5 to 2.5	Pass
				-10	3.85	7.110	0.0041	-2.5 to 2.5	Pass
				0	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.363	0.0025	-2.5 to 2.5	Pass
				30	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				40	3.85	5.035	0.0029	-2.5 to 2.5	Pass
				50	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	1.359	0.0008	-2.5 to 2.5	Pass
					3.85	7.396	0.0042	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	4.206	0.0024	-2.5 to 2.5	Pass
				-20	3.85	8.698	0.0049	-2.5 to 2.5	Pass
				-10	3.85	5.450	0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-17.953	-0.0101	-2.5 to 2.5	Pass
				30	3.85	9.027	0.0051	-2.5 to 2.5	Pass
				40	3.85	8.469	0.0048	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0024	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-4.478	-0.0026	-2.5 to 2.5	Pass
					3.85	2.875	0.0017	-2.5 to 2.5	Pass

					4.43	4.420	0.0026	-2.5 to 2.5	Pass
				-30	3.85	14.191	0.0083	-2.5 to 2.5	Pass
				-20	3.85	5.250	0.0031	-2.5 to 2.5	Pass
				-10	3.85	5.679	0.0033	-2.5 to 2.5	Pass
				0	3.85	10.543	0.0062	-2.5 to 2.5	Pass
				10	3.85	6.838	0.0040	-2.5 to 2.5	Pass
				30	3.85	12.217	0.0071	-2.5 to 2.5	Pass
				40	3.85	9.456	0.0055	-2.5 to 2.5	Pass
				50	3.85	13.032	0.0076	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	7.997	0.0046	-2.5 to 2.5	Pass
					3.85	10.686	0.0061	-2.5 to 2.5	Pass
					4.43	9.727	0.0056	-2.5 to 2.5	Pass
				-30	3.85	9.012	0.0052	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	7.582	0.0043	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	13.318	0.0076	-2.5 to 2.5	Pass
				30	3.85	10.915	0.0063	-2.5 to 2.5	Pass
				40	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	10.858	0.0061	-2.5 to 2.5	Pass
					4.43	-4.921	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	6.938	0.0039	-2.5 to 2.5	Pass
				-20	3.85	3.247	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-4.520	-0.0025	-2.5 to 2.5	Pass
				0	3.85	5.264	0.0030	-2.5 to 2.5	Pass
				10	3.85	-17.924	-0.0101	-2.5 to 2.5	Pass
				30	3.85	3.047	0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				50	3.85	7.968	0.0045	-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	-2.604	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.950	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.745	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	5.679	0.0033	-2.5 to 2.5	Pass
				-20	3.85	7.768	0.0045	-2.5 to 2.5	Pass
				-10	3.85	6.223	0.0036	-2.5 to 2.5	Pass
				0	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				10	3.85	3.991	0.0023	-2.5 to 2.5	Pass
				30	3.85	3.905	0.0023	-2.5 to 2.5	Pass
				40	3.85	6.409	0.0037	-2.5 to 2.5	Pass
				50	3.85	7.725	0.0045	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-9.813	-0.0056	-2.5 to 2.5	Pass
					3.85	2.961	0.0017	-2.5 to 2.5	Pass
					4.43	3.304	0.0019	-2.5 to 2.5	Pass
				-30	3.85	2.933	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.334	0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				0	3.85	9.713	0.0056	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				40	3.85	3.619	0.0021	-2.5 to 2.5	Pass

	1778.5	15	0	50	3.85	11.559	0.0066	-2.5 to 2.5	Pass
				20	3.27	-7.253	-0.0041	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					4.43	2.217	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				10	3.85	5.364	0.0030	-2.5 to 2.5	Pass
				30	3.85	-9.556	-0.0054	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.85	-7.296	-0.0041	-2.5 to 2.5	Pass
					3.85	-9.742	-0.0055	-2.5 to 2.5	Pass
					3.85	3.260	0.0014	-2.5 to 2.5	Pass
				20	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0007	-2.5 to 2.5	Pass
					3.85	5.522	0.0032	-2.5 to 2.5	Pass
				-30	3.85	7.768	0.0045	-2.5 to 2.5	Pass
				-20	3.85	3.204	0.0019	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
	1745	15	0	10	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				40	3.85	3.748	0.0022	-2.5 to 2.5	Pass
				50	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				20	3.27	-9.456	-0.0054	-2.5 to 2.5	Pass
					3.85	5.593	0.0032	-2.5 to 2.5	Pass
					4.43	0.429	0.0002	-2.5 to 2.5	Pass
				-30	3.85	10.843	0.0062	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
	1778.5	15	0	0	3.85	5.250	0.0030	-2.5 to 2.5	Pass
				10	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				40	3.85	7.653	0.0044	-2.5 to 2.5	Pass
				50	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				20	3.27	-1.516	-0.0009	-2.5 to 2.5	Pass
					3.85	-6.595	-0.0037	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.379	0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				30	3.85	4.964	0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-3.576	-0.0020	-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	-0.386	-0.0002	-2.5 to 2.5	Pass
					3.85	0.930	0.0005	-2.5 to 2.5	Pass
					4.43	2.832	0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				-20	3.85	3.490	0.0020	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0017	-2.5 to 2.5	Pass

				10	3.85	5.293	0.0031	-2.5 to 2.5	Pass
				30	3.85	6.595	0.0039	-2.5 to 2.5	Pass
				40	3.85	6.967	0.0041	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-0.086	0.0000	-2.5 to 2.5	Pass
					3.85	5.121	0.0029	-2.5 to 2.5	Pass
					4.43	1.001	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.764	0.0027	-2.5 to 2.5	Pass
				0	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				40	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				20	3.27	-0.386	-0.0002	-2.5 to 2.5	Pass
					3.85	2.360	0.0013	-2.5 to 2.5	Pass
					4.43	1.159	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				-20	3.85	2.618	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.362	0.0019	-2.5 to 2.5	Pass
				0	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				10	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				30	3.85	6.466	0.0036	-2.5 to 2.5	Pass
				40	3.85	7.582	0.0043	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.960	0.0011	-2.5 to 2.5	Pass
					3.85	5.822	0.0034	-2.5 to 2.5	Pass
					4.43	4.005	0.0023	-2.5 to 2.5	Pass
				-30	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				-20	3.85	10.715	0.0063	-2.5 to 2.5	Pass
				-10	3.85	7.381	0.0043	-2.5 to 2.5	Pass
				0	3.85	7.210	0.0042	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				40	3.85	2.532	0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	3.576	0.0020	-2.5 to 2.5	Pass
					3.85	1.116	0.0006	-2.5 to 2.5	Pass
					4.43	-4.649	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	4.005	0.0023	-2.5 to 2.5	Pass
				-10	3.85	5.150	0.0030	-2.5 to 2.5	Pass
				0	3.85	8.297	0.0048	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0002	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	0.472	0.0003	-2.5 to 2.5	Pass
					3.85	0.157	0.0001	-2.5 to 2.5	Pass
					4.43	10.700	0.0060	-2.5 to 2.5	Pass
				-30	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.432	0.0014	-2.5 to 2.5	Pass
				0	3.85	7.153	0.0040	-2.5 to 2.5	Pass
				10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				50	3.85	4.492	0.0025	-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	8.554	0.0050	-2.5 to 2.5	Pass
					3.85	5.064	0.0030	-2.5 to 2.5	Pass
					4.43	6.194	0.0036	-2.5 to 2.5	Pass
				-30	3.85	5.665	0.0033	-2.5 to 2.5	Pass
				-20	3.85	8.297	0.0048	-2.5 to 2.5	Pass
				-10	3.85	8.397	0.0049	-2.5 to 2.5	Pass
				0	3.85	6.895	0.0040	-2.5 to 2.5	Pass
				10	3.85	5.536	0.0032	-2.5 to 2.5	Pass
				30	3.85	6.466	0.0038	-2.5 to 2.5	Pass
				40	3.85	8.154	0.0048	-2.5 to 2.5	Pass
				50	3.85	8.025	0.0047	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	6.394	0.0037	-2.5 to 2.5	Pass
					3.85	1.645	0.0009	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				40	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0002	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	1.531	0.0009	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
					4.43	0.644	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	4.764	0.0027	-2.5 to 2.5	Pass
				-10	3.85	3.862	0.0022	-2.5 to 2.5	Pass
				0	3.85	2.375	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.860	0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				40	3.85	6.452	0.0036	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-1.802	-0.0011	-2.5 to 2.5	Pass
					3.85	2.618	0.0015	-2.5 to 2.5	Pass
					4.43	6.766	0.0039	-2.5 to 2.5	Pass
				-30	3.85	4.535	0.0026	-2.5 to 2.5	Pass
				-20	3.85	4.692	0.0027	-2.5 to 2.5	Pass
				-10	3.85	5.479	0.0032	-2.5 to 2.5	Pass
				0	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.890	0.0017	-2.5 to 2.5	Pass
				30	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				40	3.85	2.832	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.403	0.0014	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	1.144	0.0007	-2.5 to 2.5	Pass
					3.85	1.373	0.0008	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-10	3.85	2.890	0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass

	1775	50	0	30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				20	3.27	-0.329	-0.0002	-2.5 to 2.5	Pass
					3.85	0.372	0.0002	-2.5 to 2.5	Pass
					4.43	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.85	4.950	0.0028	-2.5 to 2.5	Pass
				-20	3.85	2.475	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				10	3.85	3.791	0.0021	-2.5 to 2.5	Pass
				30	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0001	-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	2.732	0.0016	-2.5 to 2.5	Pass
					3.85	1.616	0.0009	-2.5 to 2.5	Pass
					4.43	2.146	0.0012	-2.5 to 2.5	Pass
				-30	3.85	5.779	0.0034	-2.5 to 2.5	Pass
				-20	3.85	2.933	0.0017	-2.5 to 2.5	Pass
				-10	3.85	6.452	0.0038	-2.5 to 2.5	Pass
				0	3.85	4.721	0.0027	-2.5 to 2.5	Pass
				10	3.85	3.519	0.0020	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0026	-2.5 to 2.5	Pass
				40	3.85	4.220	0.0025	-2.5 to 2.5	Pass
				50	3.85	4.849	0.0028	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	3.061	0.0018	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	-1.659	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.120	0.0024	-2.5 to 2.5	Pass
				-20	3.85	2.947	0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.918	0.0017	-2.5 to 2.5	Pass
				10	3.85	3.691	0.0021	-2.5 to 2.5	Pass
				30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				40	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				50	3.85	3.376	0.0019	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-1.173	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	0.973	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.333	0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				40	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.187	0.0007	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	5.465	0.0032	-2.5 to 2.5	Pass
					3.85	1.016	0.0006	-2.5 to 2.5	Pass
					4.43	1.030	0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				-20	3.85	3.605	0.0021	-2.5 to 2.5	Pass

				-10	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				30	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				40	3.85	2.775	0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
					4.43	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-4.678	-0.0026	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				30	3.85	3.519	0.0020	-2.5 to 2.5	Pass
				40	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.888	-0.0011	-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	-2.003	-0.0012	-2.5 to 2.5	Pass
					3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0008	-2.5 to 2.5	Pass
				30	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.675	0.0016	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.85	1.144	0.0007	-2.5 to 2.5	Pass
					4.43	-1.459	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	3.176	0.0018	-2.5 to 2.5	Pass
				-20	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				0	3.85	5.894	0.0034	-2.5 to 2.5	Pass
				10	3.85	3.333	0.0019	-2.5 to 2.5	Pass
				30	3.85	3.033	0.0017	-2.5 to 2.5	Pass
				40	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				50	3.85	5.693	0.0033	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
					3.85	0.215	0.0001	-2.5 to 2.5	Pass

					4.43	0.229	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				50	3.85	2.489	0.0014	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-4.320	-0.0025	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.548	0.0021	-2.5 to 2.5	Pass
				-10	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				0	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				10	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	3.85	2.475	0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0016	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	1.745	0.0010	-2.5 to 2.5	Pass
					3.85	4.034	0.0023	-2.5 to 2.5	Pass
					4.43	1.330	0.0008	-2.5 to 2.5	Pass
				-30	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				-10	3.85	2.003	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				40	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				50	3.85	3.419	0.0020	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	2.260	0.0013	-2.5 to 2.5	Pass
					4.43	0.644	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				10	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		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 / NTV						
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

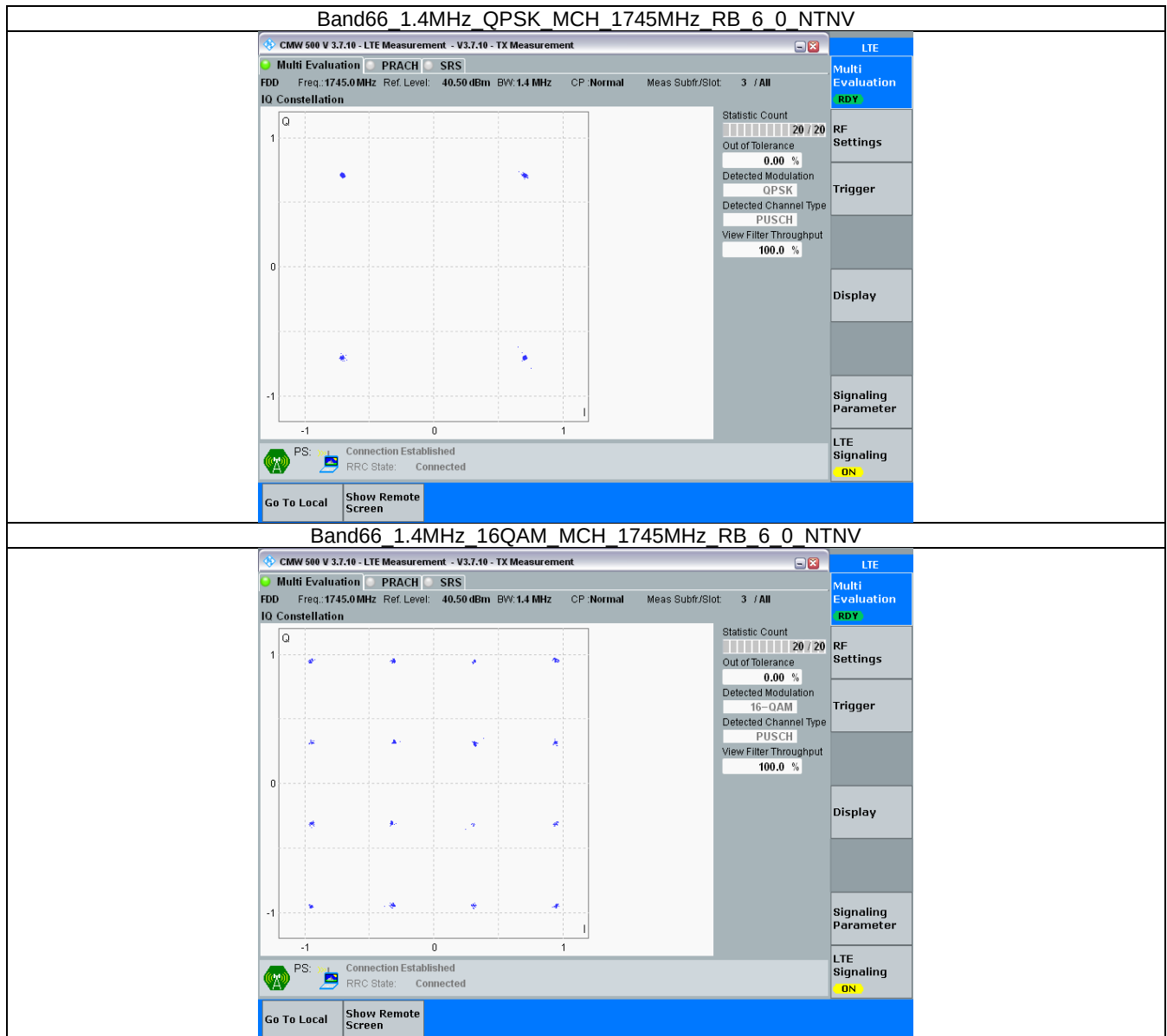
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

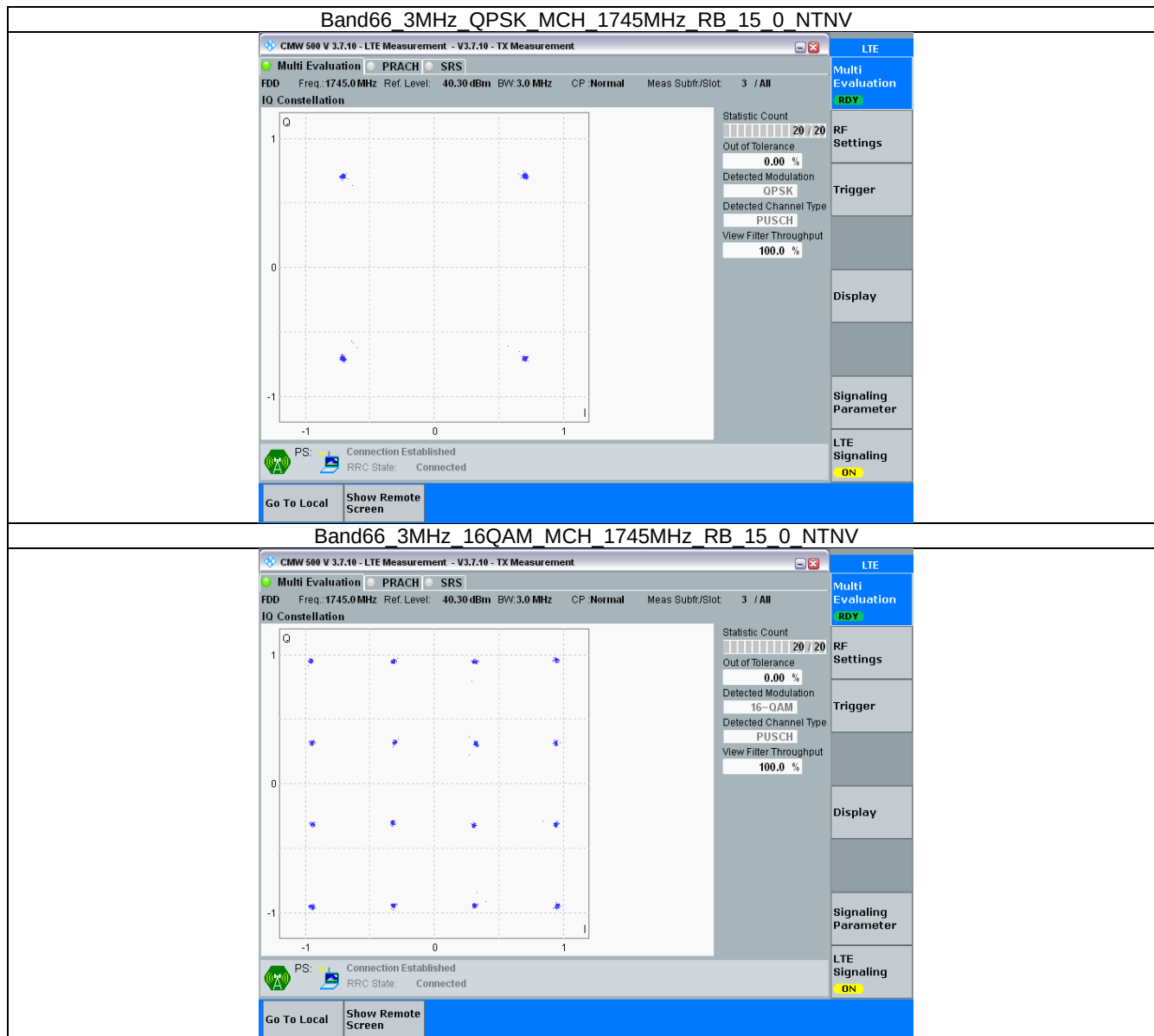
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

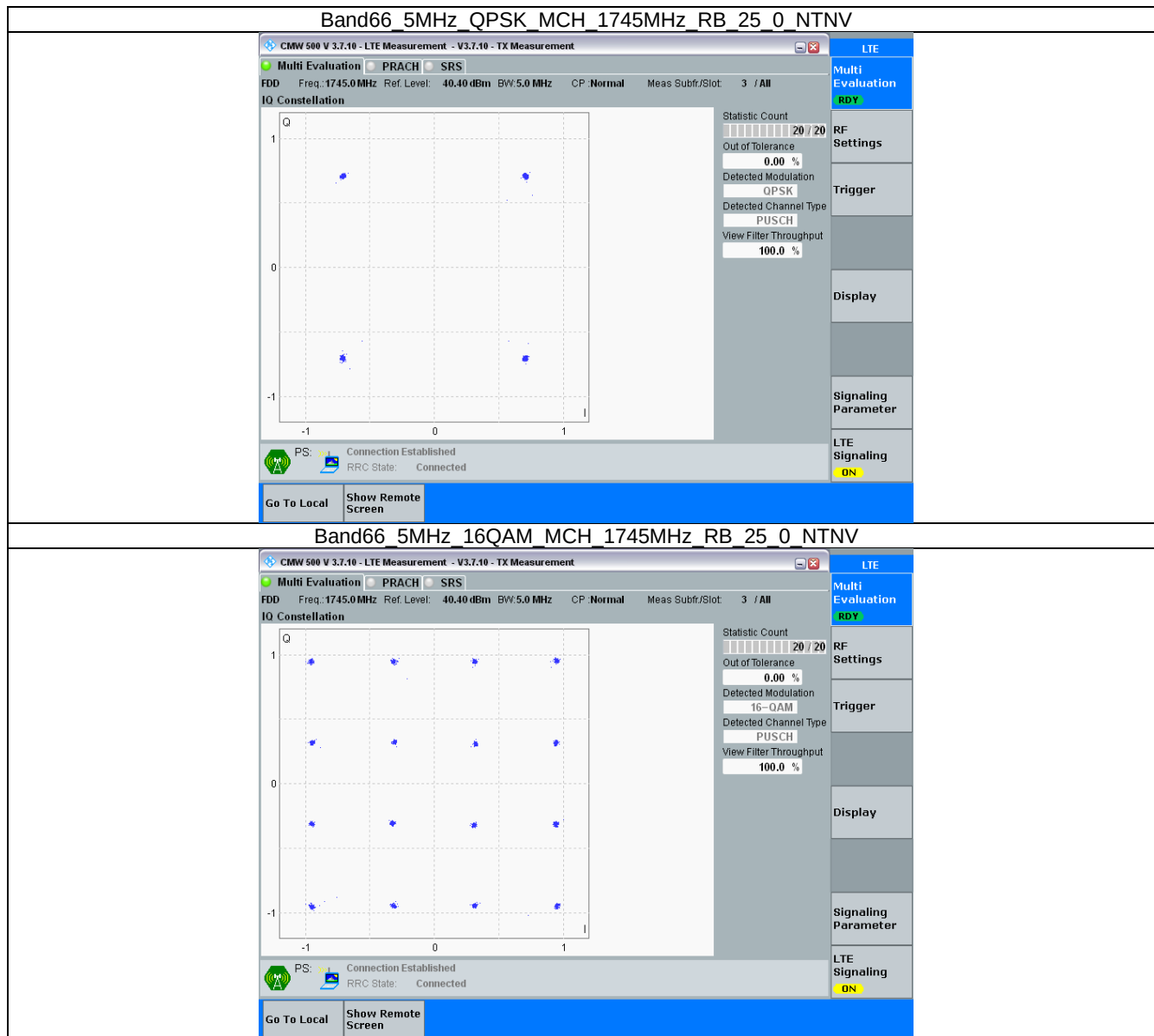
3.2.1 B66_1.4MHz



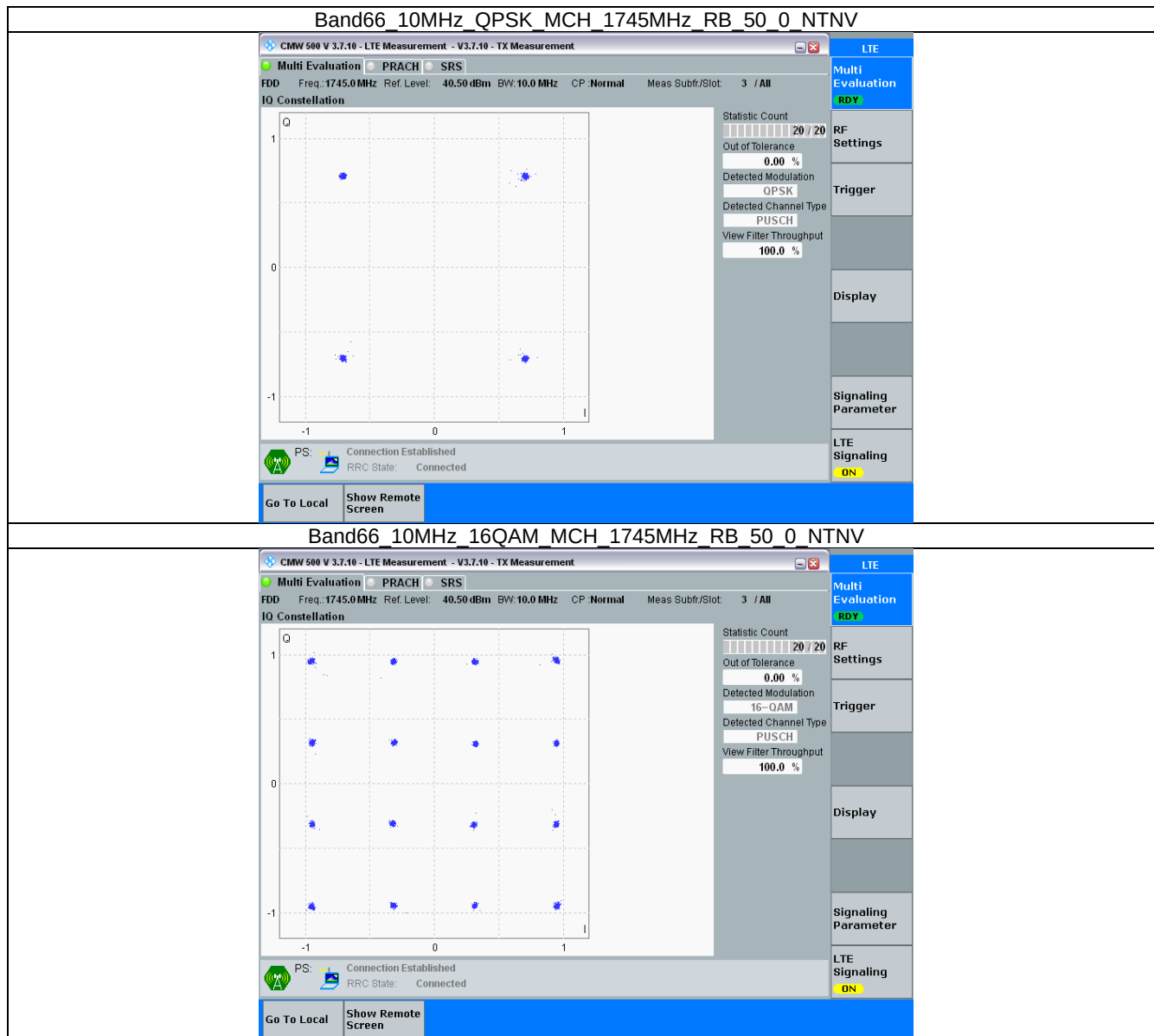
3.2.2 B66_3MHz



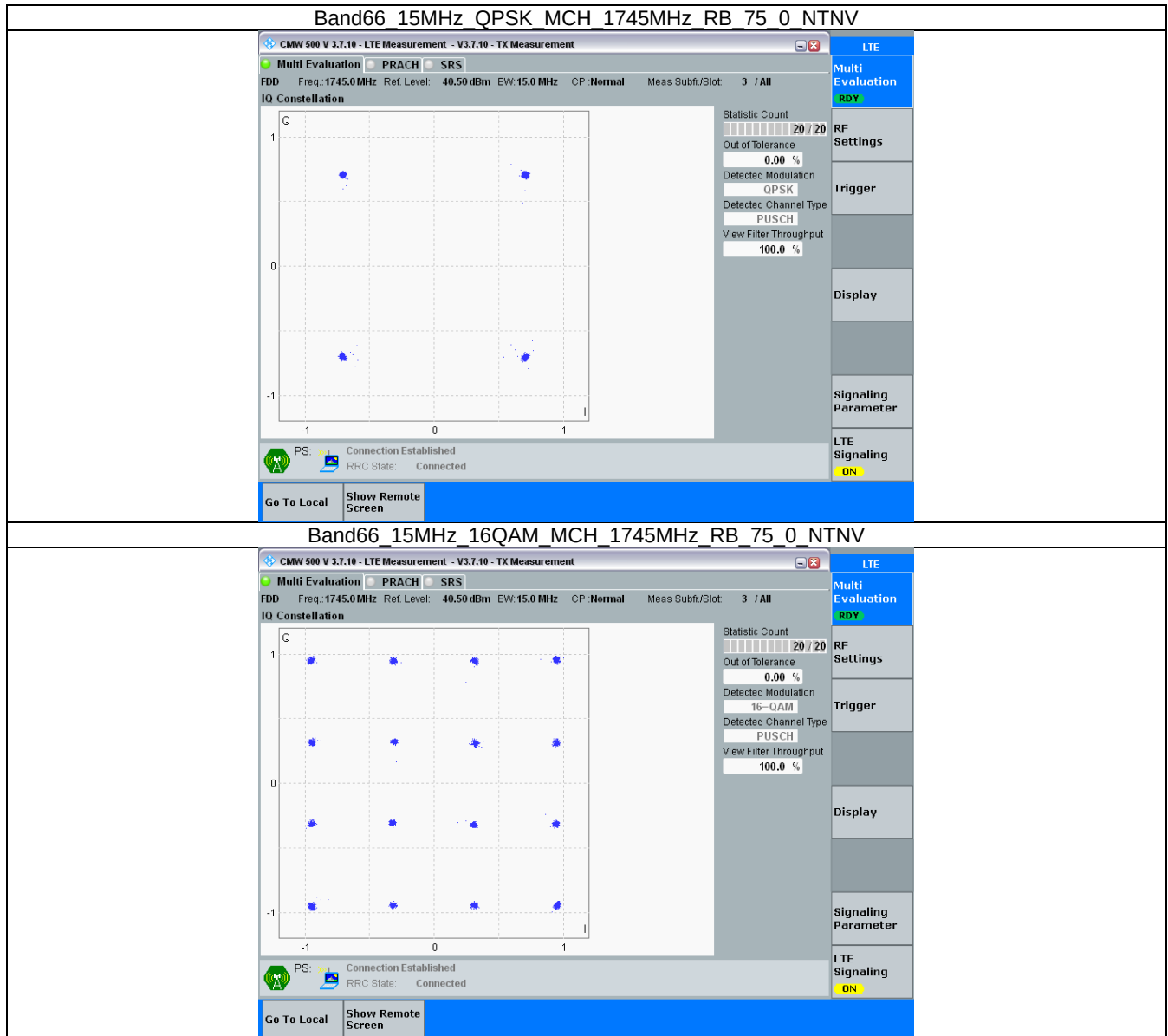
3.2.3 B66_5MHz



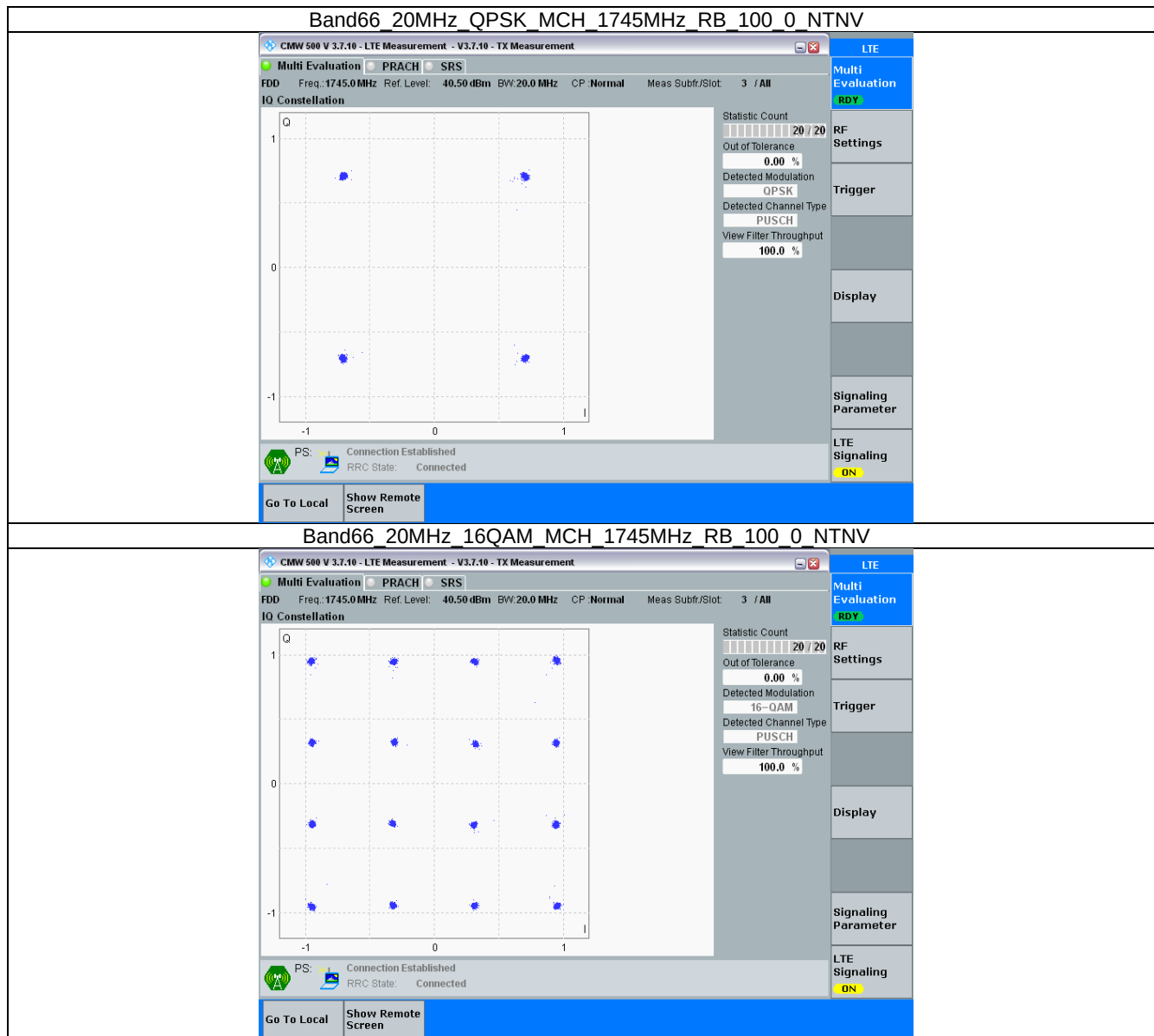
3.2.4 B66_10MHz



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	1.110	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.110	/	Pass
	16QAM	1710.7	6	0	1.106	/	Pass
		1745	6	0	1.116	/	Pass
		1779.3	6	0	1.109	/	Pass
3	QPSK	1711.5	15	0	2.731	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.731	/	Pass
	16QAM	1711.5	15	0	2.722	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.732	/	Pass
5	QPSK	1712.5	25	0	4.546	/	Pass
		1745	25	0	4.551	/	Pass
		1777.5	25	0	4.552	/	Pass
	16QAM	1712.5	25	0	4.542	/	Pass
		1745	25	0	4.567	/	Pass
		1777.5	25	0	4.543	/	Pass
10	QPSK	1715	50	0	9.087	/	Pass
		1745	50	0	9.053	/	Pass
		1775	50	0	9.073	/	Pass
	16QAM	1715	50	0	9.044	/	Pass
		1745	50	0	9.052	/	Pass
		1775	50	0	9.054	/	Pass
15	QPSK	1717.5	75	0	13.582	/	Pass
		1745	75	0	13.567	/	Pass
		1772.5	75	0	13.612	/	Pass
	16QAM	1717.5	75	0	13.556	/	Pass
		1745	75	0	13.606	/	Pass
		1772.5	75	0	13.607	/	Pass
20	QPSK	1720	100	0	18.083	/	Pass
		1745	100	0	18.130	/	Pass
		1770	100	0	18.148	/	Pass
	16QAM	1720	100	0	18.056	/	Pass
		1745	100	0	18.127	/	Pass
		1770	100	0	18.187	/	Pass

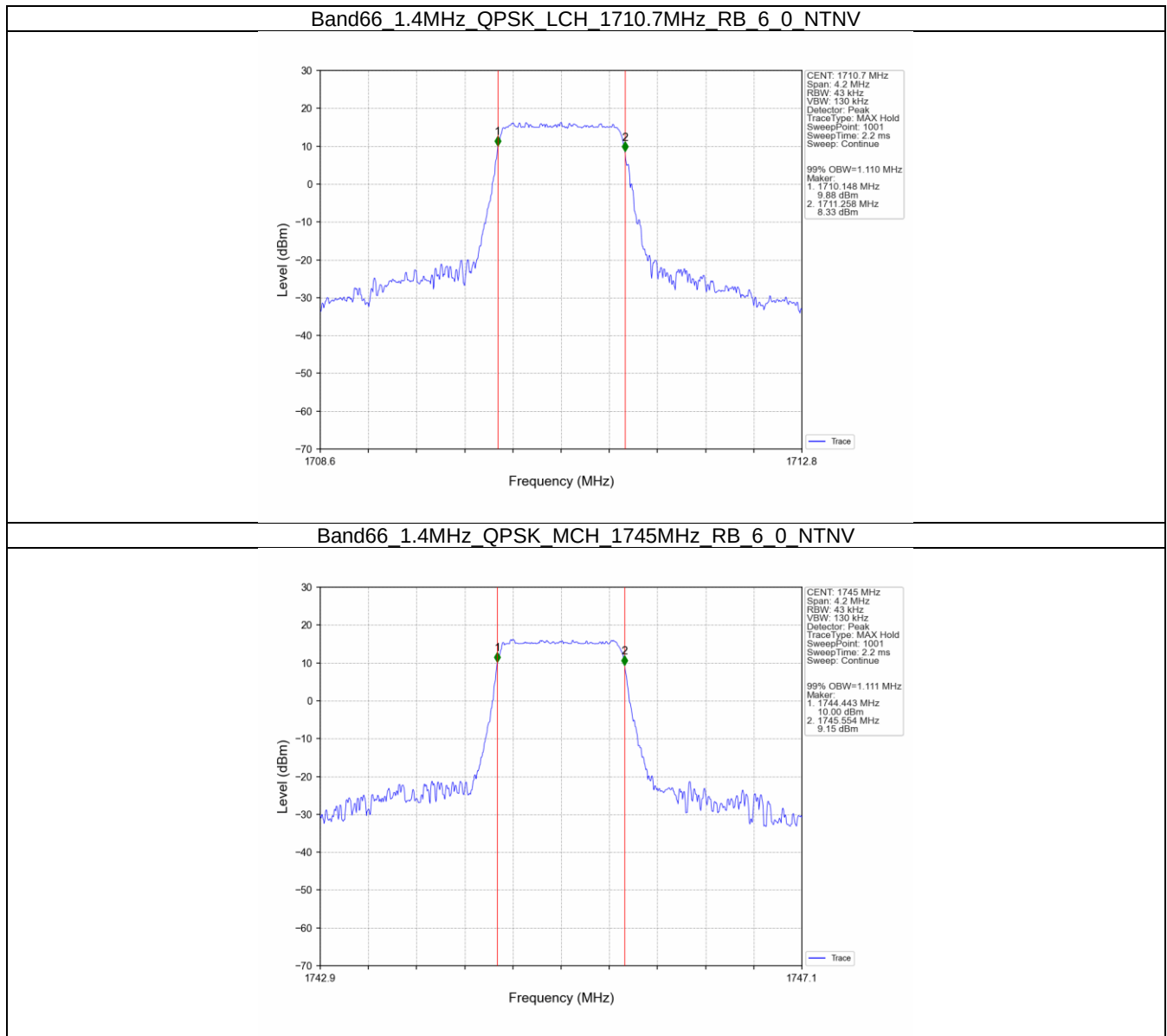
4.1.2 Band66_XDB

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	1.342	/	Pass
		1745	6	0	1.323	/	Pass
		1779.3	6	0	1.308	/	Pass

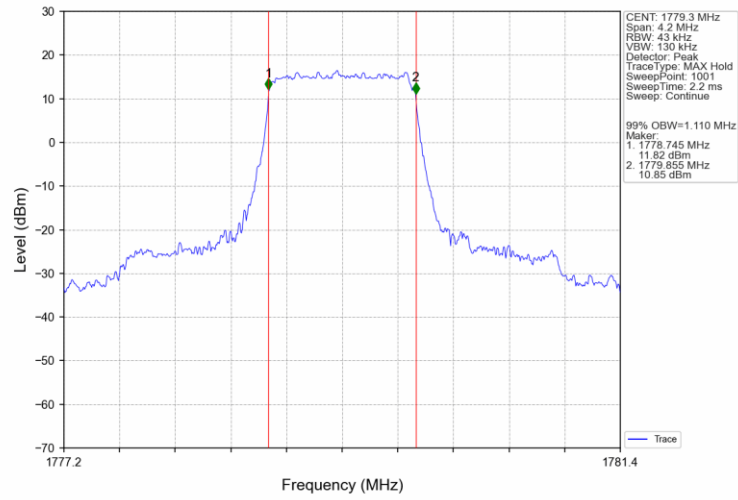
	16QAM	1710.7	6	0	1.309	/	Pass
		1745	6	0	1.320	/	Pass
		1779.3	6	0	1.351	/	Pass
3	QPSK	1711.5	15	0	3.011	/	Pass
		1745	15	0	3.021	/	Pass
		1778.5	15	0	3.020	/	Pass
	16QAM	1711.5	15	0	3.014	/	Pass
		1745	15	0	3.016	/	Pass
		1778.5	15	0	2.996	/	Pass
5	QPSK	1712.5	25	0	5.018	/	Pass
		1745	25	0	5.067	/	Pass
		1777.5	25	0	5.045	/	Pass
	16QAM	1712.5	25	0	5.108	/	Pass
		1745	25	0	5.045	/	Pass
		1777.5	25	0	5.055	/	Pass
10	QPSK	1715	50	0	9.892	/	Pass
		1745	50	0	9.946	/	Pass
		1775	50	0	10.094	/	Pass
	16QAM	1715	50	0	10.005	/	Pass
		1745	50	0	10.068	/	Pass
		1775	50	0	9.958	/	Pass
15	QPSK	1717.5	75	0	15.246	/	Pass
		1745	75	0	14.858	/	Pass
		1772.5	75	0	15.106	/	Pass
	16QAM	1717.5	75	0	14.878	/	Pass
		1745	75	0	14.910	/	Pass
		1772.5	75	0	14.959	/	Pass
20	QPSK	1720	100	0	19.826	/	Pass
		1745	100	0	19.850	/	Pass
		1770	100	0	19.731	/	Pass
	16QAM	1720	100	0	19.866	/	Pass
		1745	100	0	19.798	/	Pass
		1770	100	0	19.752	/	Pass

4.2 Test Graph

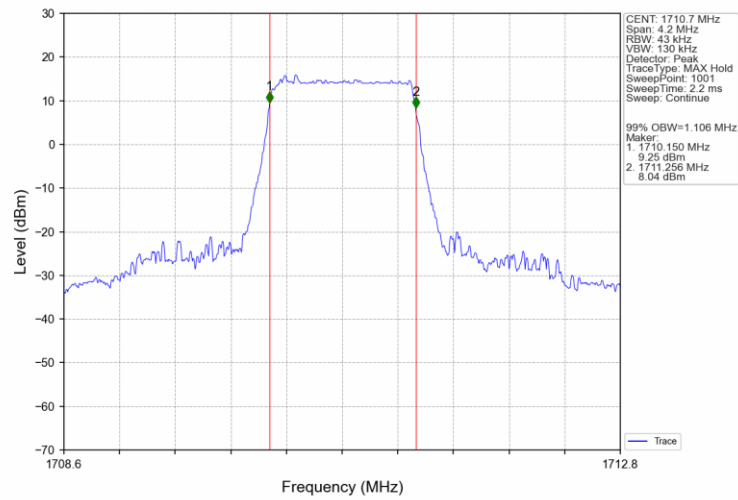
4.2.1 Band66_OBW



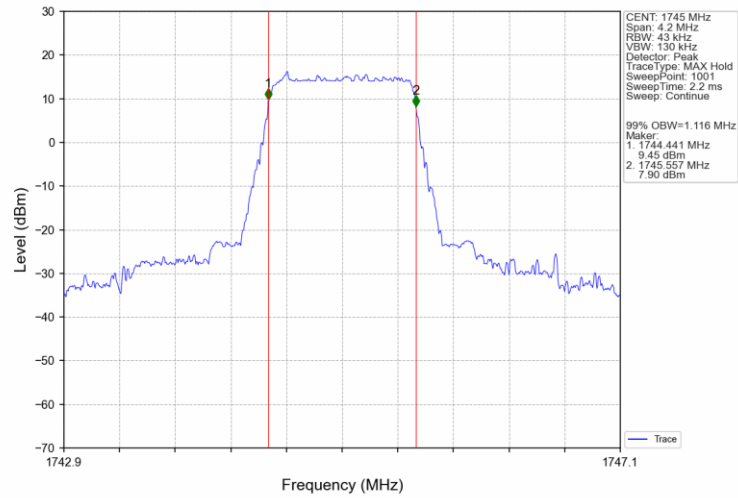
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



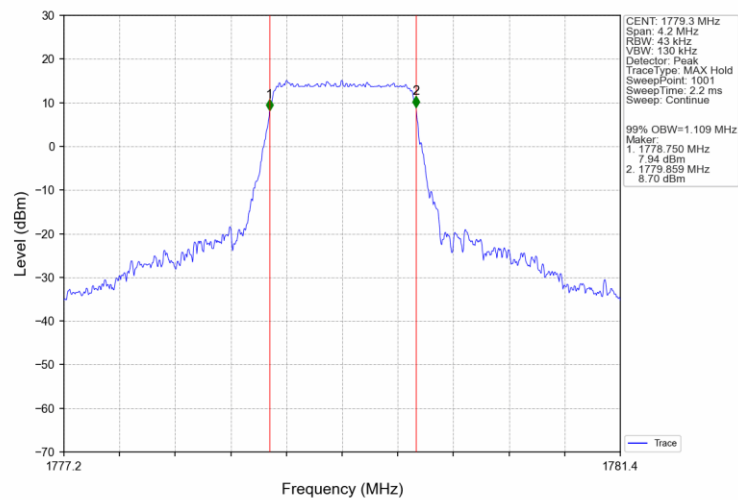
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



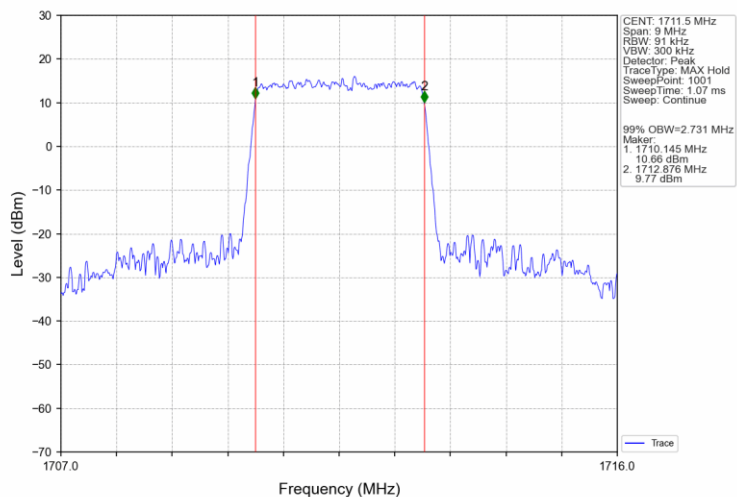
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



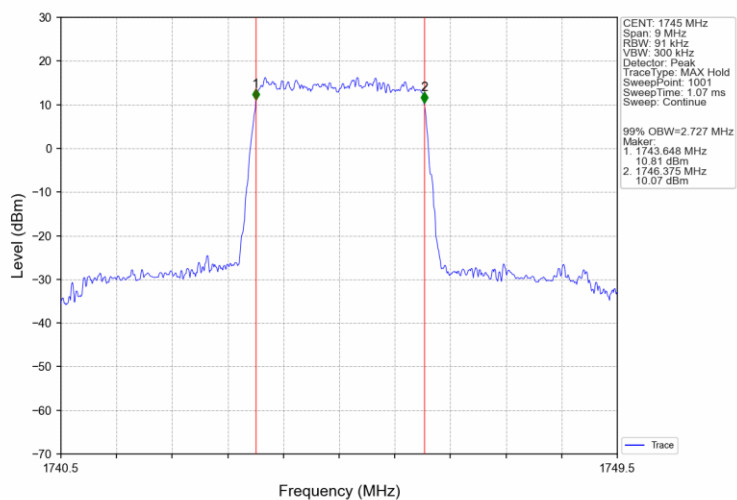
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



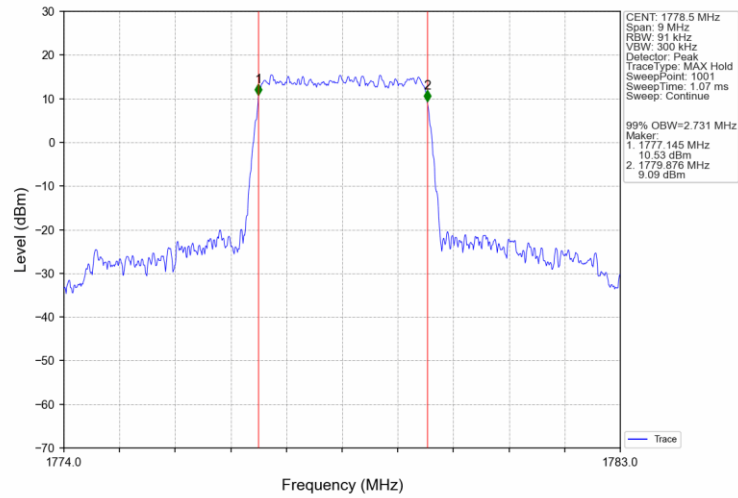
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



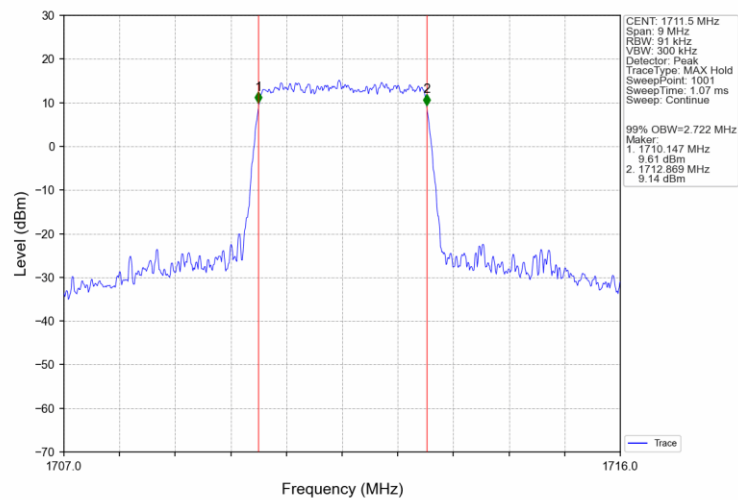
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



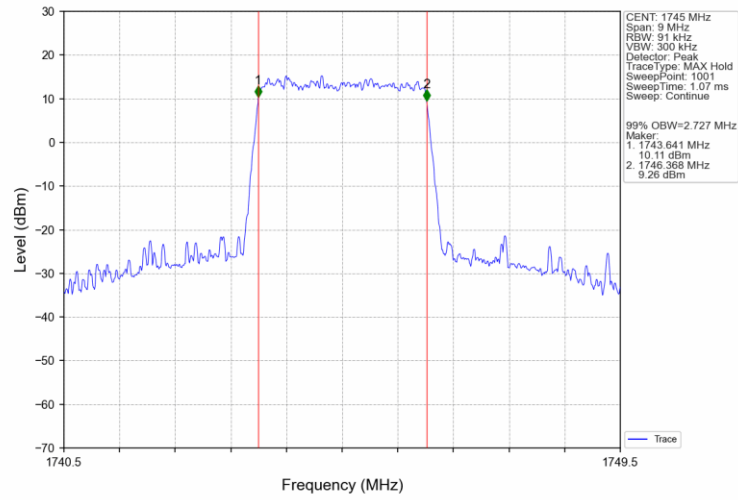
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



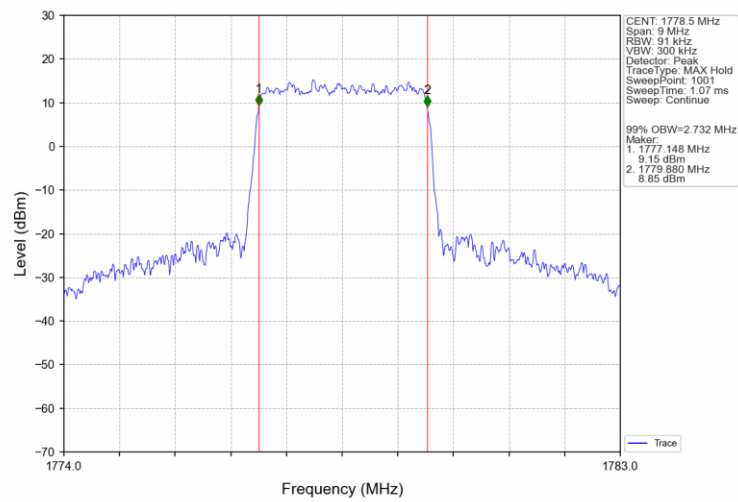
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



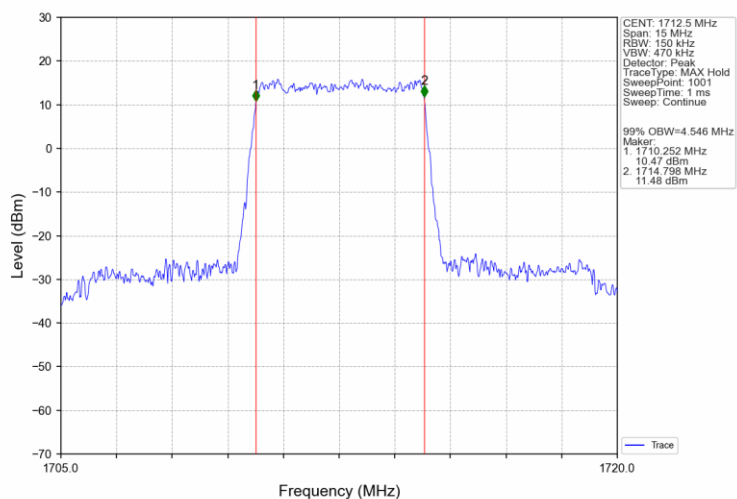
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



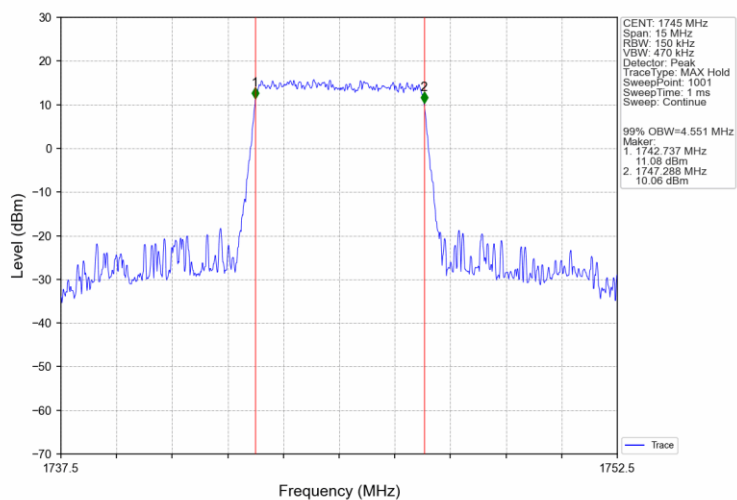
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



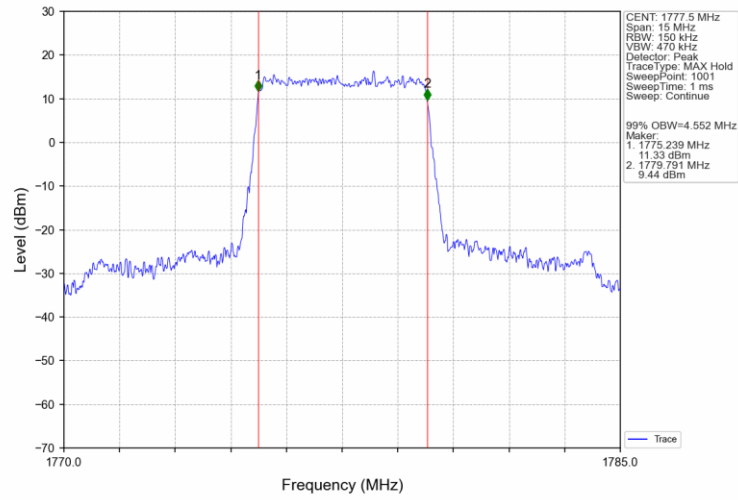
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



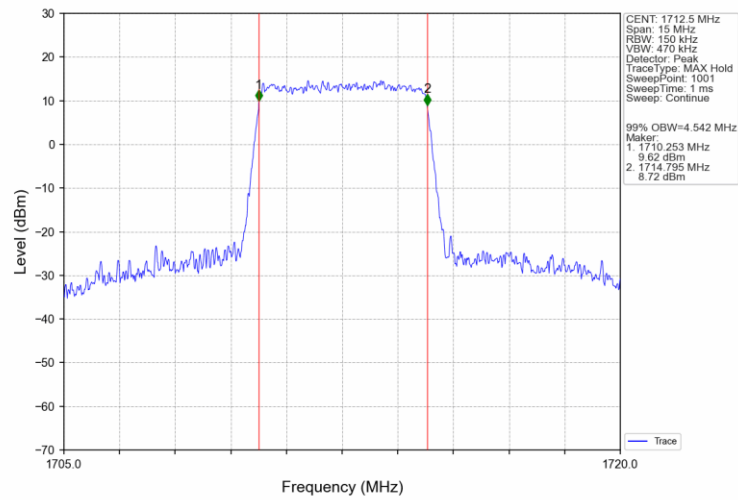
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



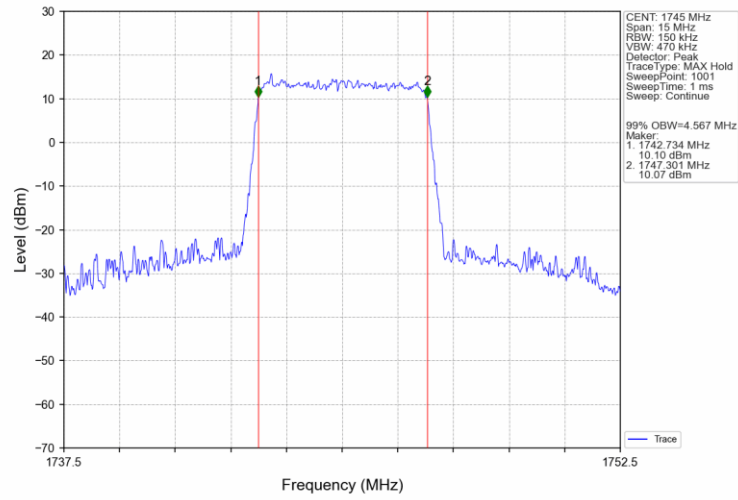
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



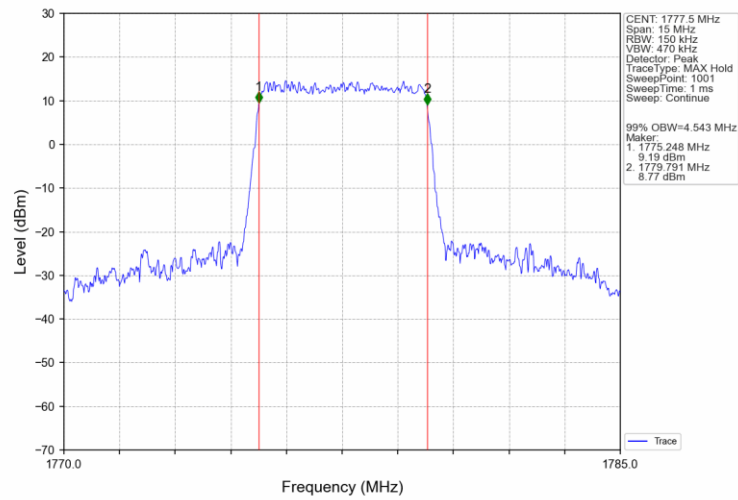
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



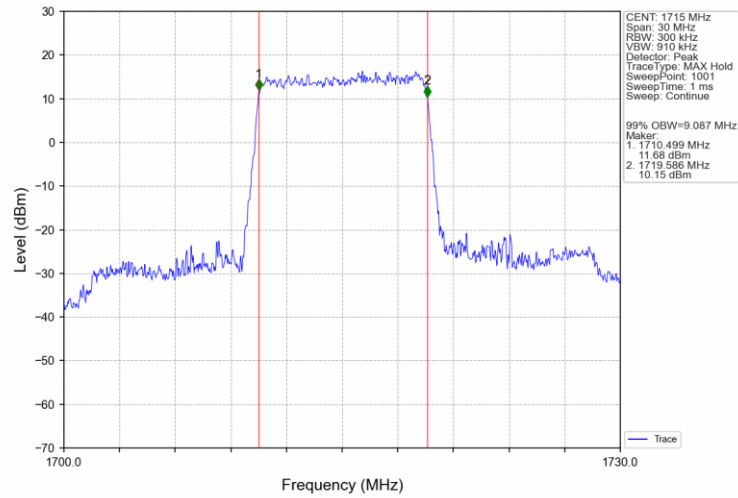
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



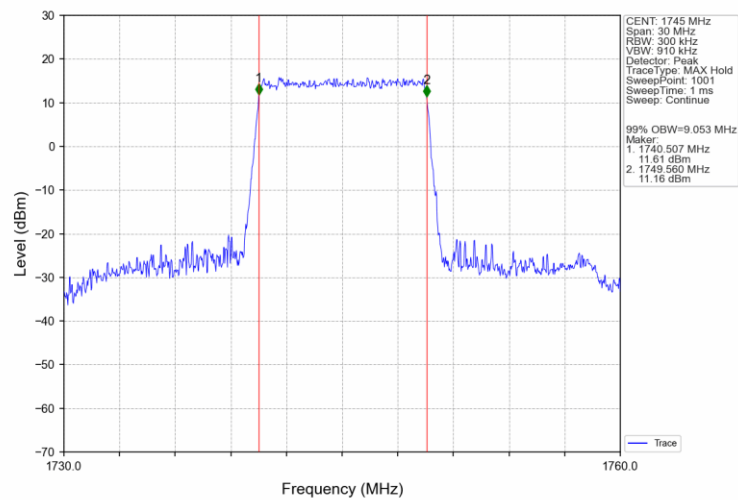
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



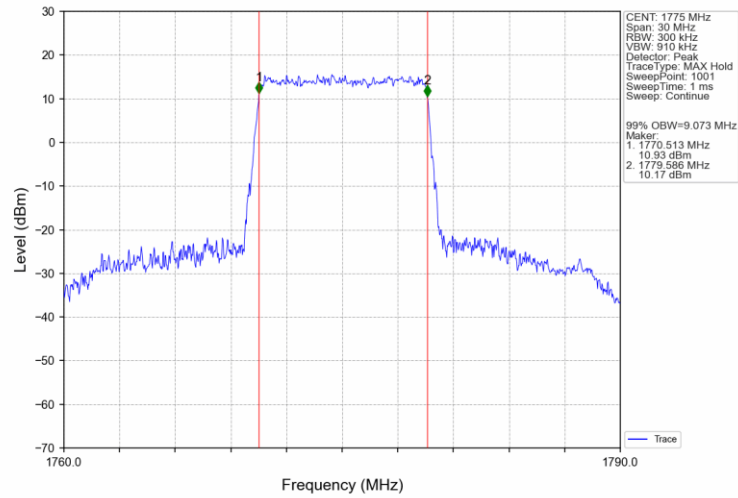
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



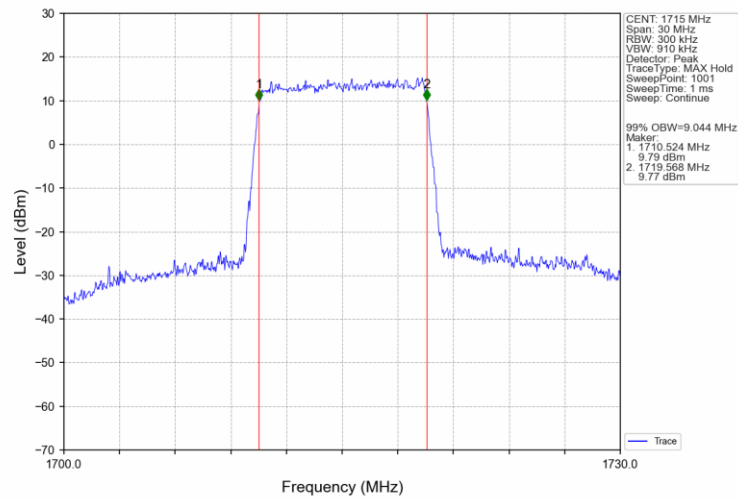
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



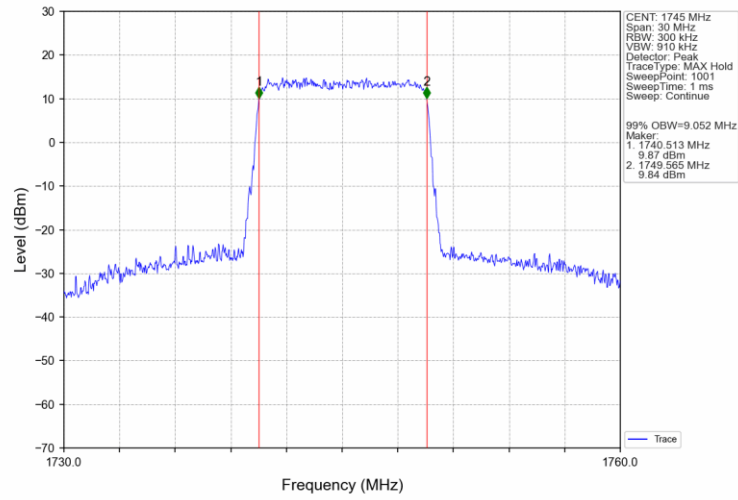
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



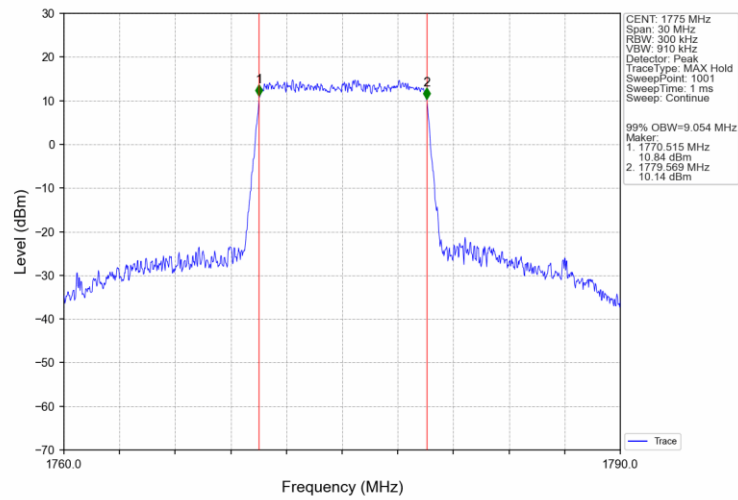
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



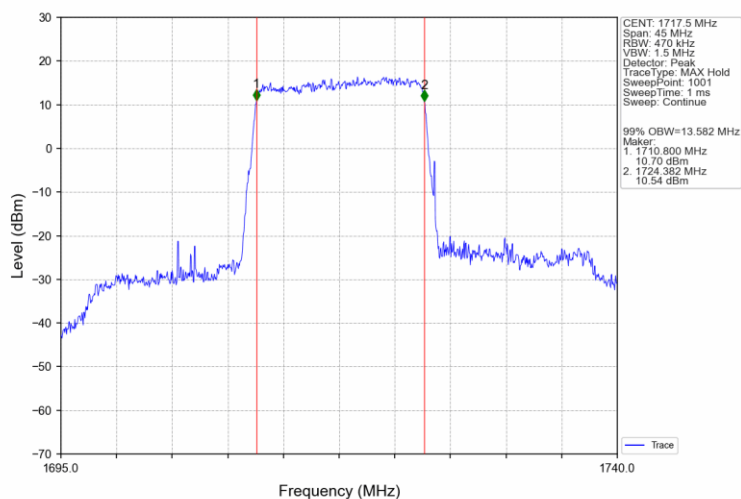
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTN



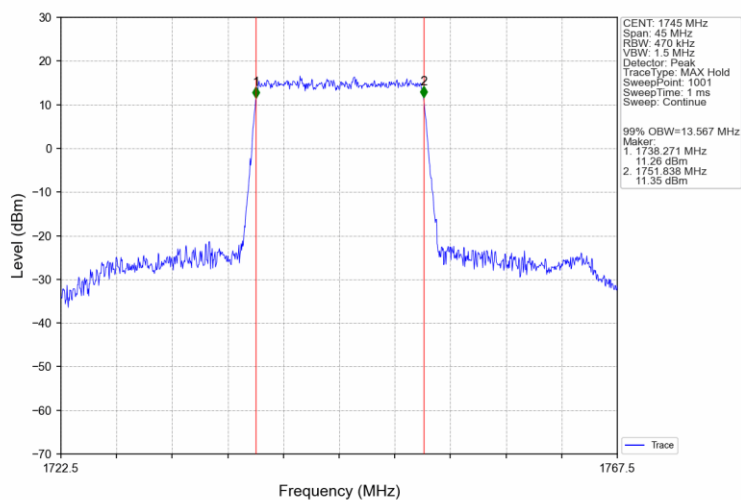
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTN



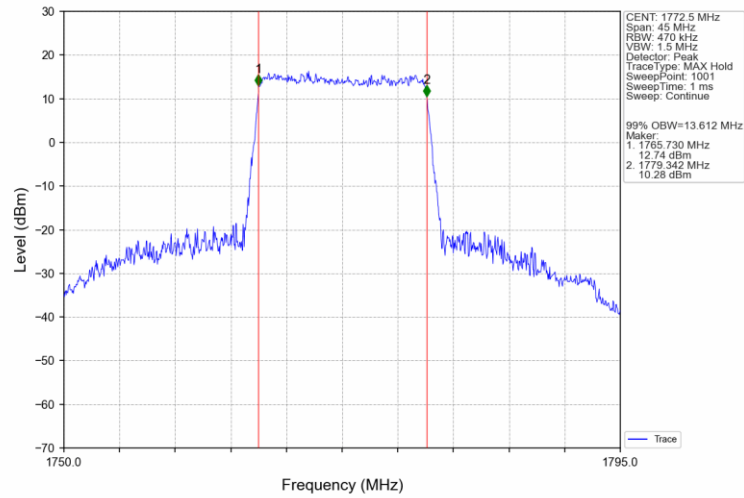
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



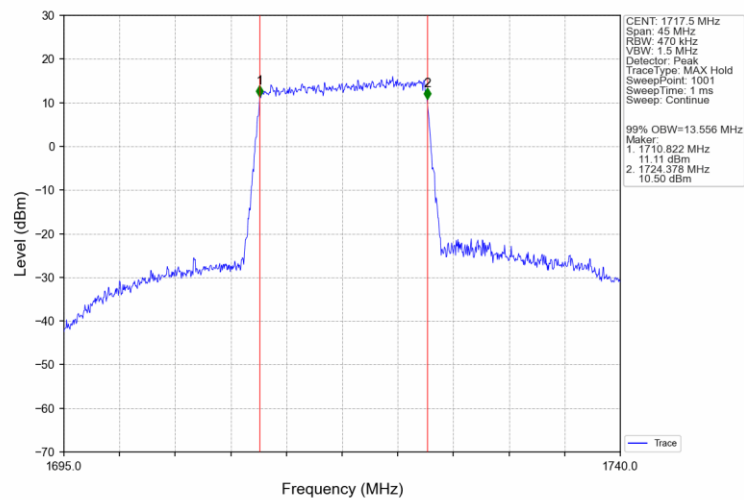
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



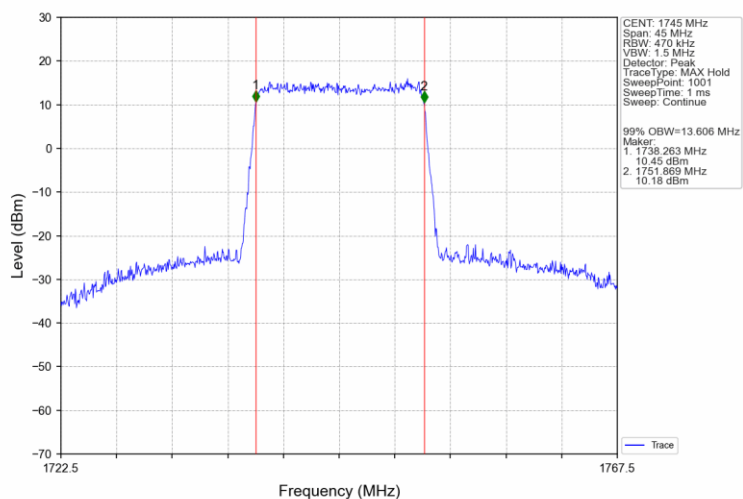
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



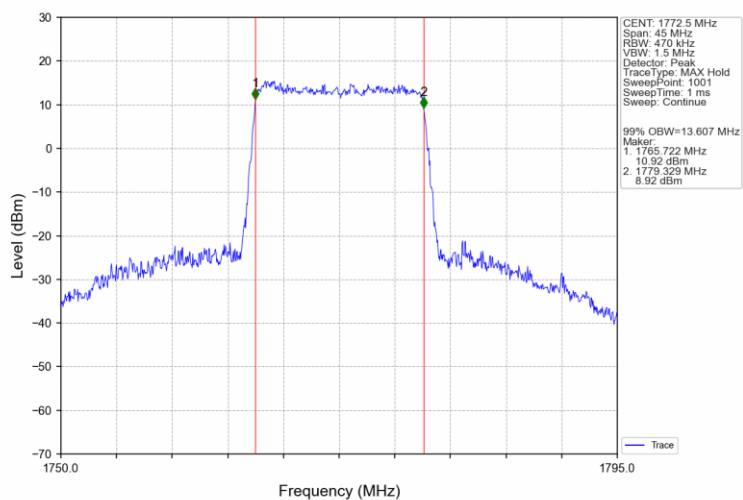
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



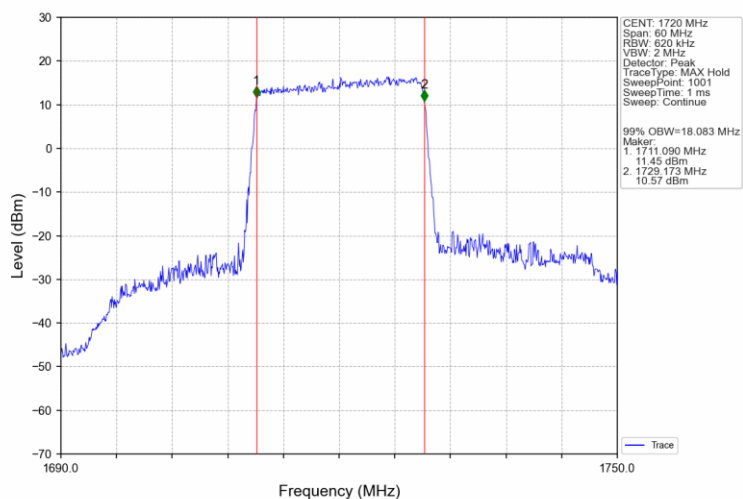
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTN



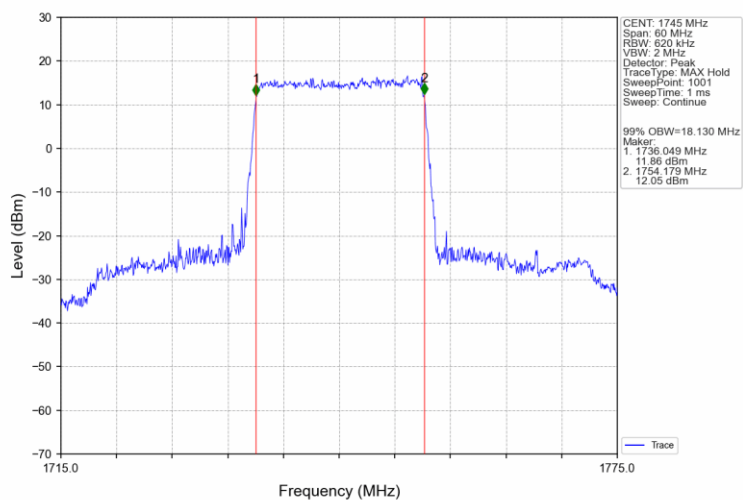
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTN



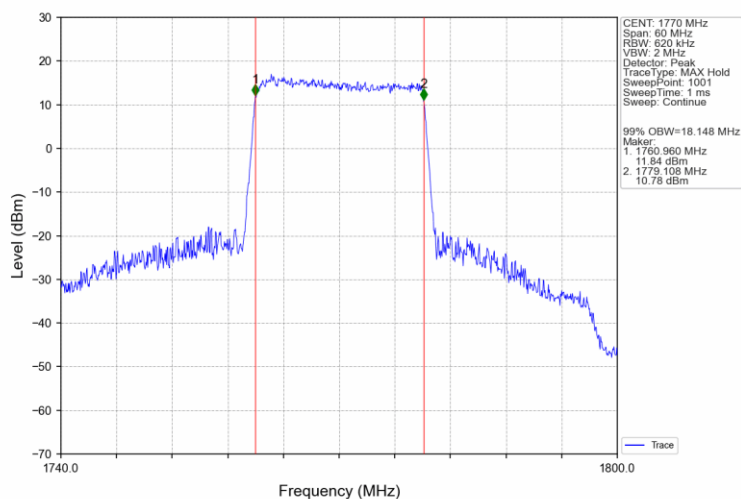
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



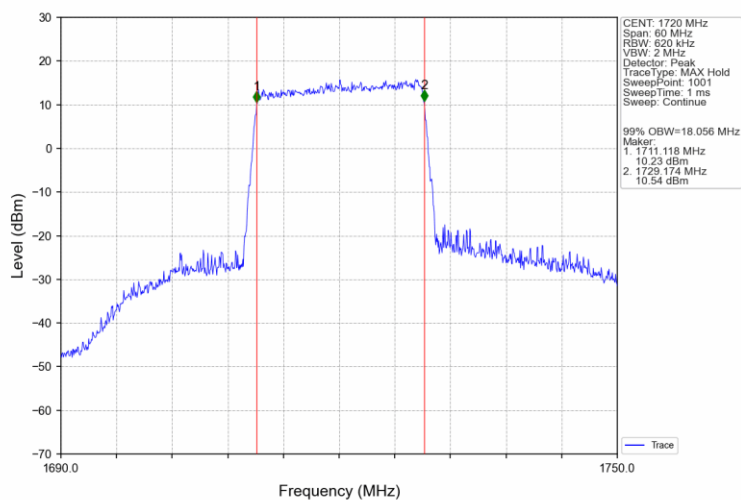
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



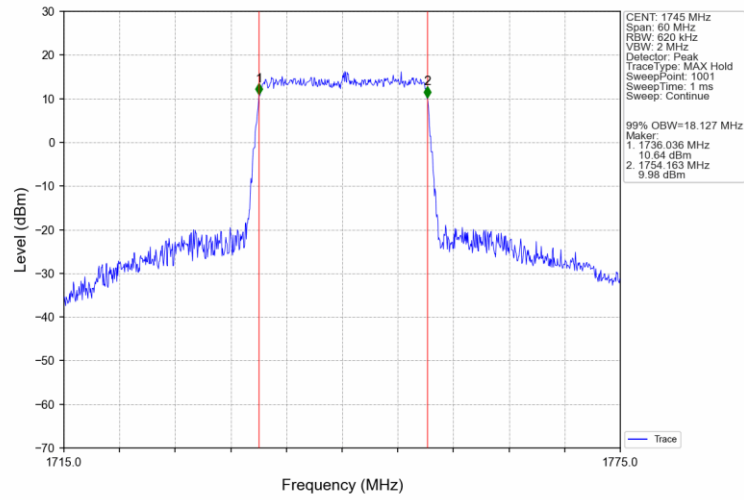
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTN



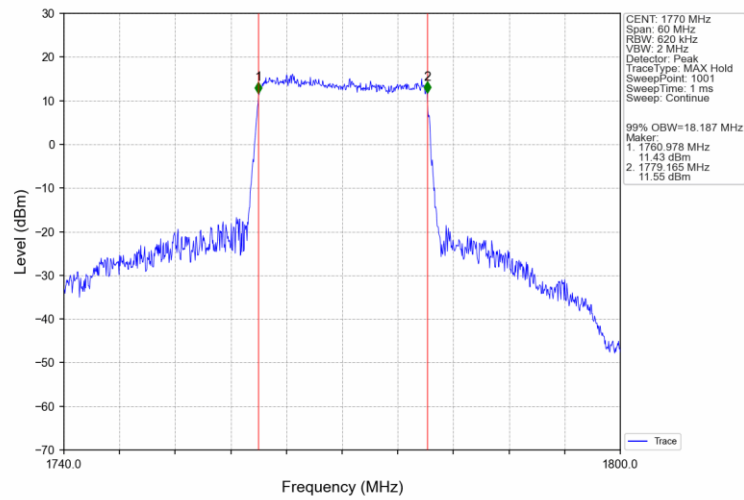
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



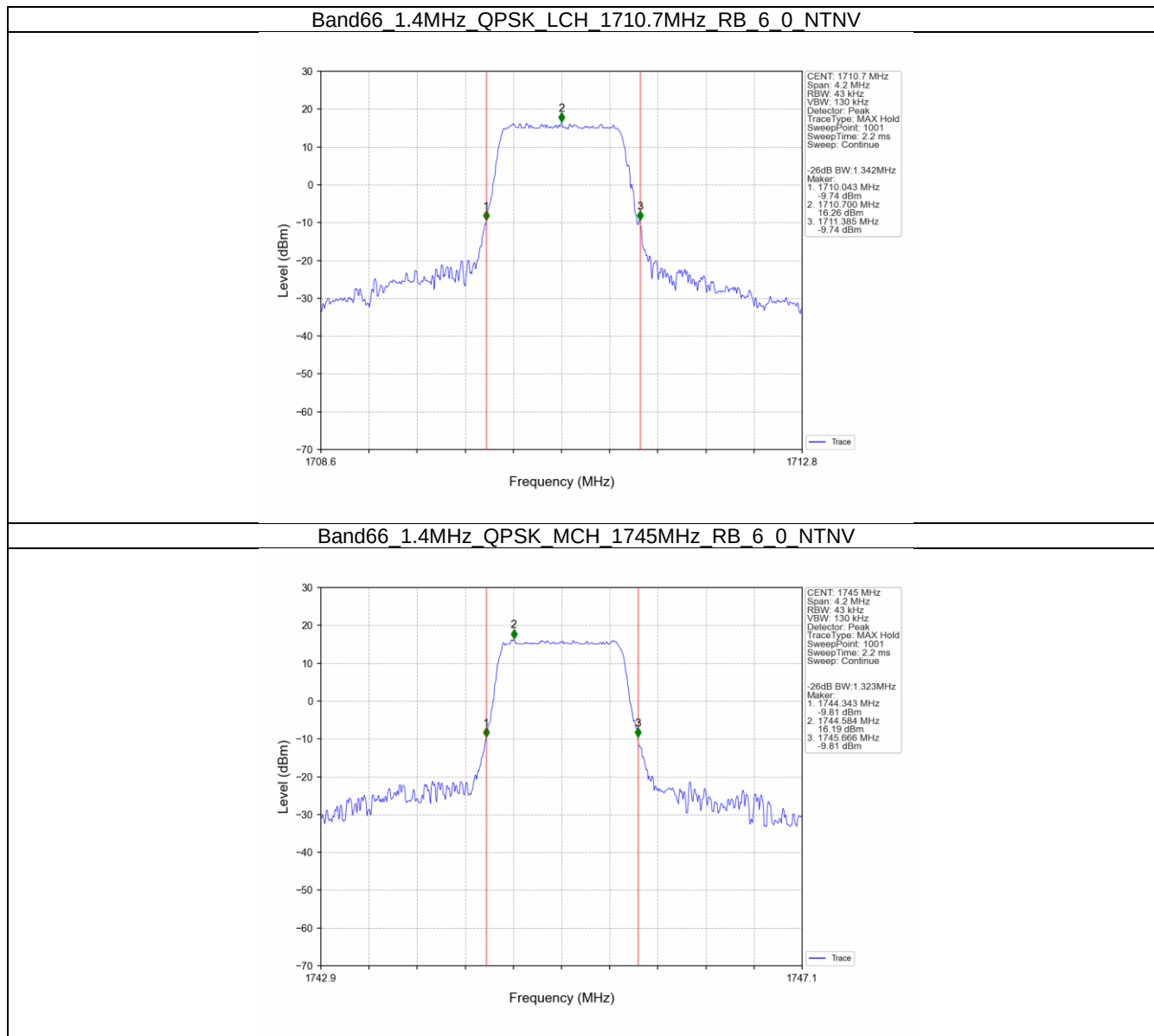
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



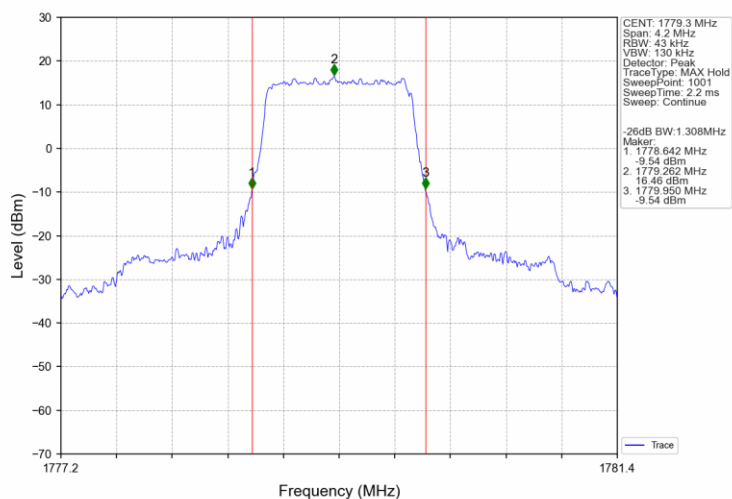
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



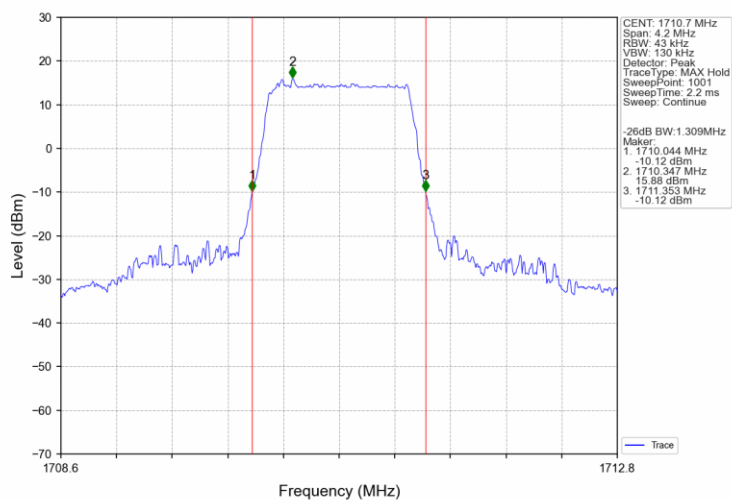
4.2.2 Band66_XDB



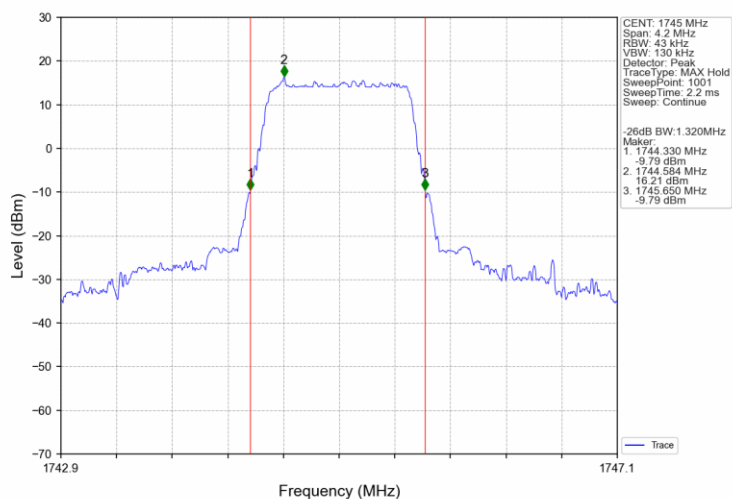
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



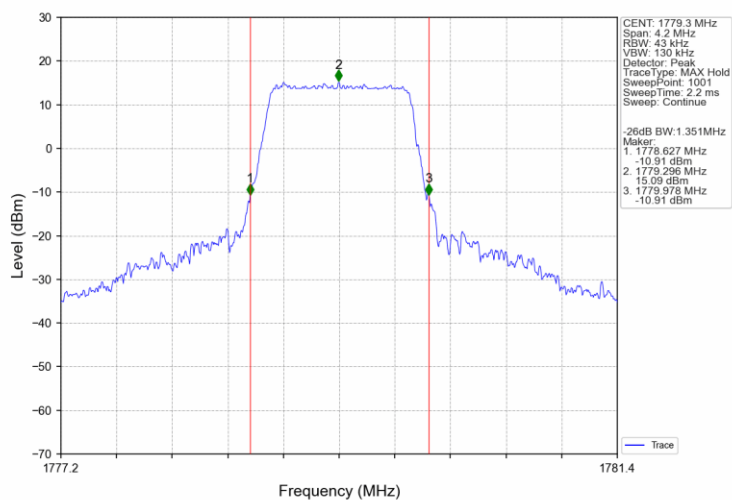
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



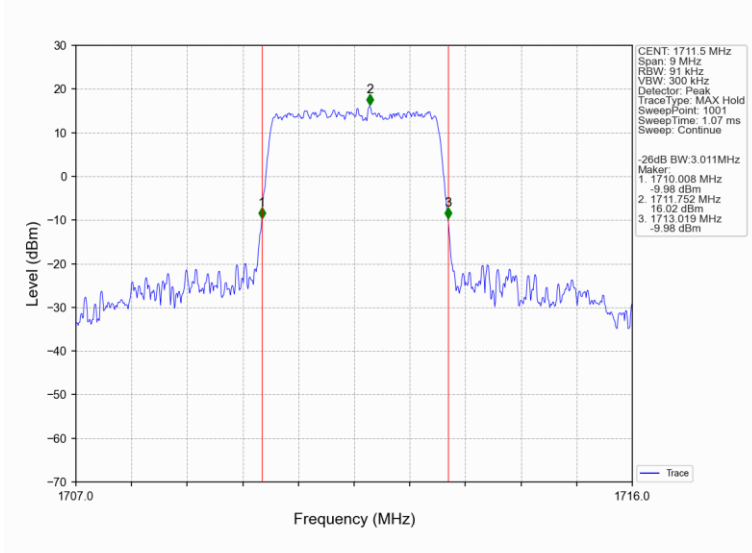
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



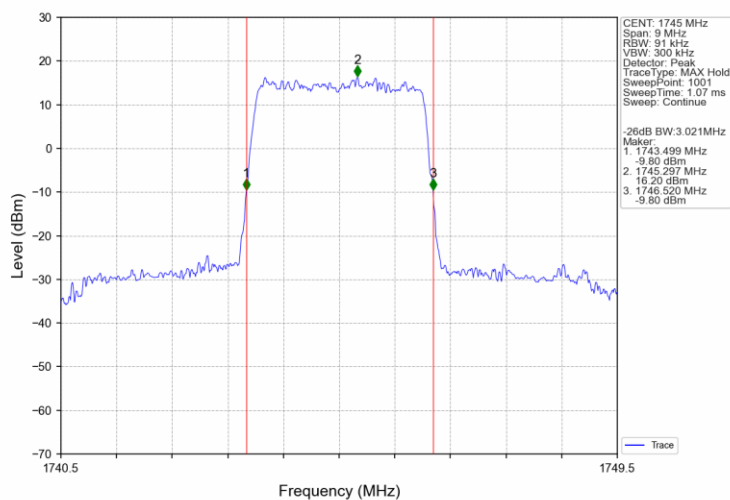
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



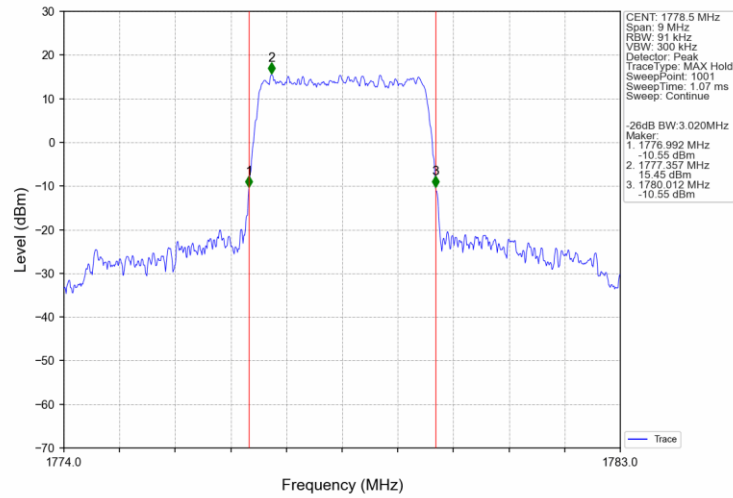
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



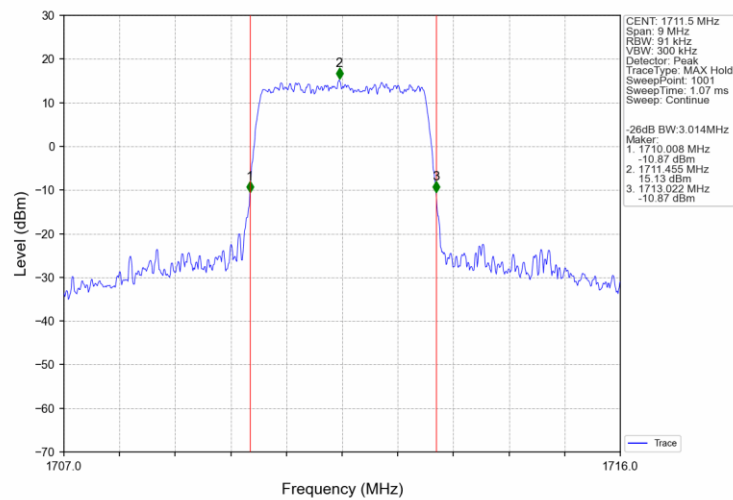
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



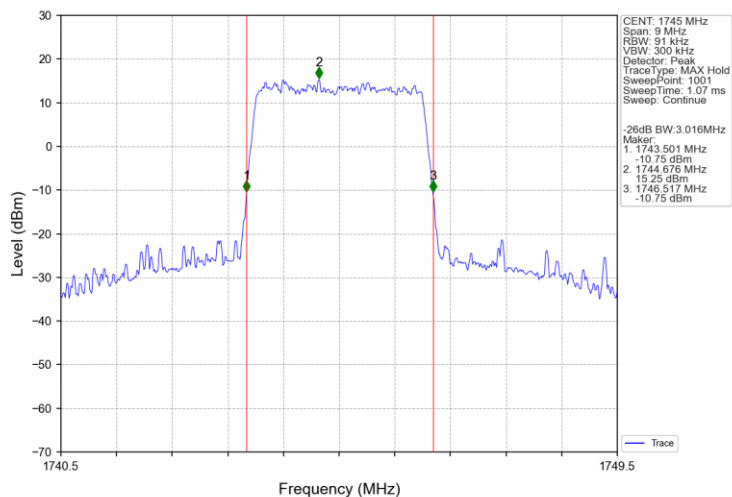
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



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

