

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	22.58	2.26	24.84	<=30	Pass
			2	22.40	2.26	24.66	<=30	Pass
			5	22.12	2.26	24.38	<=30	Pass
		3	0	22.68	2.26	24.94	<=30	Pass
			2	22.68	2.26	24.94	<=30	Pass
			3	22.67	2.26	24.93	<=30	Pass
		6	0	21.66	2.26	23.92	<=30	Pass
	1745	1	0	22.16	2.26	24.42	<=30	Pass
			2	22.14	2.26	24.40	<=30	Pass
			5	22.13	2.26	24.39	<=30	Pass
		3	0	22.73	2.26	24.99	<=30	Pass
			2	22.69	2.26	24.95	<=30	Pass
			3	22.71	2.26	24.97	<=30	Pass
		6	0	21.70	2.26	23.96	<=30	Pass
	1779.3	1	0	22.29	2.26	24.55	<=30	Pass
			2	22.30	2.26	24.56	<=30	Pass
			5	22.26	2.26	24.52	<=30	Pass
		3	0	22.77	2.26	25.03	<=30	Pass
			2	22.78	2.26	25.04	<=30	Pass
			3	22.76	2.26	25.02	<=30	Pass
		6	0	21.73	2.26	23.99	<=30	Pass
16QAM	1710.7	1	0	21.51	2.26	23.77	<=30	Pass
			2	21.50	2.26	23.76	<=30	Pass
			5	21.52	2.26	23.78	<=30	Pass
		3	0	21.80	2.26	24.06	<=30	Pass
			2	21.78	2.26	24.04	<=30	Pass
			3	21.78	2.26	24.04	<=30	Pass
		6	0	20.65	2.26	22.91	<=30	Pass
	1745	1	0	21.38	2.26	23.64	<=30	Pass
			2	21.39	2.26	23.65	<=30	Pass
			5	21.40	2.26	23.66	<=30	Pass
		3	0	21.79	2.26	24.05	<=30	Pass
			2	21.74	2.26	24.00	<=30	Pass
			3	21.75	2.26	24.01	<=30	Pass
		6	0	20.66	2.26	22.92	<=30	Pass
	1779.3	1	0	21.32	2.26	23.58	<=30	Pass
			2	21.39	2.26	23.65	<=30	Pass
			5	21.36	2.26	23.62	<=30	Pass
		3	0	21.74	2.26	24.00	<=30	Pass
			2	21.71	2.26	23.97	<=30	Pass
			3	21.70	2.26	23.96	<=30	Pass
		6	0	20.83	2.26	23.09	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	1711.5	1	0	22.11	2.26	24.37	<=30	Pass	
			7	22.13	2.26	24.39	<=30	Pass	
			14	22.19	2.26	24.45	<=30	Pass	
		8	0	21.64	2.26	23.90	<=30	Pass	
			4	21.66	2.26	23.92	<=30	Pass	
			7	21.70	2.26	23.96	<=30	Pass	
		15	0	21.69	2.26	23.95	<=30	Pass	
		1745	1	0	22.24	2.26	24.50	<=30	Pass
				7	22.27	2.26	24.53	<=30	Pass
	14			22.27	2.26	24.53	<=30	Pass	
	8		0	21.72	2.26	23.98	<=30	Pass	
			4	21.65	2.26	23.91	<=30	Pass	
			7	21.69	2.26	23.95	<=30	Pass	
	15		0	21.62	2.26	23.88	<=30	Pass	
	1778.5		1	0	22.26	2.26	24.52	<=30	Pass
				7	22.19	2.26	24.45	<=30	Pass
		14		22.16	2.26	24.42	<=30	Pass	
		8	0	21.75	2.26	24.01	<=30	Pass	
			4	21.74	2.26	24.00	<=30	Pass	
			7	21.75	2.26	24.01	<=30	Pass	
		15	0	21.74	2.26	24.00	<=30	Pass	
16QAM		1711.5	1	0	21.35	2.26	23.61	<=30	Pass
				7	21.35	2.26	23.61	<=30	Pass
	14			21.41	2.26	23.67	<=30	Pass	
	8		0	20.65	2.26	22.91	<=30	Pass	
			4	20.65	2.26	22.91	<=30	Pass	
			7	20.71	2.26	22.97	<=30	Pass	
	15		0	20.72	2.26	22.98	<=30	Pass	
	1745		1	0	21.33	2.26	23.59	<=30	Pass
				7	21.30	2.26	23.56	<=30	Pass
		14		21.24	2.26	23.50	<=30	Pass	
		8	0	20.89	2.26	23.15	<=30	Pass	
			4	20.80	2.26	23.06	<=30	Pass	
			7	20.85	2.26	23.11	<=30	Pass	
		15	0	20.68	2.26	22.94	<=30	Pass	
		1778.5	1	0	21.40	2.26	23.66	<=30	Pass
				7	21.40	2.26	23.66	<=30	Pass
	14			21.39	2.26	23.65	<=30	Pass	
	8		0	20.95	2.26	23.21	<=30	Pass	
			4	20.95	2.26	23.21	<=30	Pass	
			7	20.94	2.26	23.20	<=30	Pass	
	15		0	20.80	2.26	23.06	<=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	22.24	2.26	24.50	<=30	Pass
			13	22.29	2.26	24.55	<=30	Pass
			24	22.33	2.26	24.59	<=30	Pass
		12	0	21.67	2.26	23.93	<=30	Pass
			6	21.71	2.26	23.97	<=30	Pass
			13	21.72	2.26	23.98	<=30	Pass
		25	0	21.74	2.26	24.00	<=30	Pass
	1745	1	0	22.27	2.26	24.53	<=30	Pass
			13	22.25	2.26	24.51	<=30	Pass

16QAM	1777.5	12	24	22.28	2.26	24.54	<=30	Pass
			0	21.76	2.26	24.02	<=30	Pass
			6	21.73	2.26	23.99	<=30	Pass
			13	21.67	2.26	23.93	<=30	Pass
		25	0	21.70	2.26	23.96	<=30	Pass
		1	0	22.32	2.26	24.58	<=30	Pass
			13	22.31	2.26	24.57	<=30	Pass
			24	22.35	2.26	24.61	<=30	Pass
		12	0	21.75	2.26	24.01	<=30	Pass
			6	21.75	2.26	24.01	<=30	Pass
			13	21.73	2.26	23.99	<=30	Pass
		25	0	21.77	2.26	24.03	<=30	Pass
16QAM	1712.5	1	0	21.46	2.26	23.72	<=30	Pass
			13	21.50	2.26	23.76	<=30	Pass
			24	21.56	2.26	23.82	<=30	Pass
		12	0	20.62	2.26	22.88	<=30	Pass
			6	20.67	2.26	22.93	<=30	Pass
			13	20.69	2.26	22.95	<=30	Pass
		25	0	20.75	2.26	23.01	<=30	Pass
	1745	1	0	21.44	2.26	23.70	<=30	Pass
			13	21.41	2.26	23.67	<=30	Pass
			24	21.41	2.26	23.67	<=30	Pass
		12	0	20.74	2.26	23.00	<=30	Pass
			6	20.66	2.26	22.92	<=30	Pass
			13	20.63	2.26	22.89	<=30	Pass
		25	0	20.68	2.26	22.94	<=30	Pass
	1777.5	1	0	21.45	2.26	23.71	<=30	Pass
			13	21.47	2.26	23.73	<=30	Pass
			24	21.48	2.26	23.74	<=30	Pass
		12	0	20.81	2.26	23.07	<=30	Pass
			6	20.80	2.26	23.06	<=30	Pass
			13	20.81	2.26	23.07	<=30	Pass
		25	0	20.80	2.26	23.06	<=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	22.10	2.26	24.36	<=30	Pass
			25	22.21	2.26	24.47	<=30	Pass
			49	22.19	2.26	24.45	<=30	Pass
		25	0	21.65	2.26	23.91	<=30	Pass
			13	21.76	2.26	24.02	<=30	Pass
			25	21.87	2.26	24.13	<=30	Pass
		50	0	21.79	2.26	24.05	<=30	Pass
	1745	1	0	22.28	2.26	24.54	<=30	Pass
			25	22.29	2.26	24.55	<=30	Pass
			49	22.23	2.26	24.49	<=30	Pass
		25	0	21.71	2.26	23.97	<=30	Pass
			13	21.68	2.26	23.94	<=30	Pass
			25	21.74	2.26	24.00	<=30	Pass
		50	0	21.77	2.26	24.03	<=30	Pass
	1775	1	0	22.24	2.26	24.50	<=30	Pass
			25	22.30	2.26	24.56	<=30	Pass
			49	22.21	2.26	24.47	<=30	Pass
		25	0	21.81	2.26	24.07	<=30	Pass

16QAM	1715	50	13	21.76	2.26	24.02	<=30	Pass
			25	21.83	2.26	24.09	<=30	Pass
			0	21.85	2.26	24.11	<=30	Pass
		1	0	21.35	2.26	23.61	<=30	Pass
			25	21.43	2.26	23.69	<=30	Pass
			49	21.43	2.26	23.69	<=30	Pass
		12	0	21.67	2.26	23.93	<=30	Pass
			19	21.75	2.26	24.01	<=30	Pass
			38	21.83	2.26	24.09	<=30	Pass
		27	0	20.61	2.26	22.87	<=30	Pass
	1745	1	0	21.31	2.26	23.57	<=30	Pass
			25	21.32	2.26	23.58	<=30	Pass
			49	21.24	2.26	23.50	<=30	Pass
		12	0	21.76	2.26	24.02	<=30	Pass
			19	21.75	2.26	24.01	<=30	Pass
			38	21.72	2.26	23.98	<=30	Pass
		27	0	20.67	2.26	22.93	<=30	Pass
	1775	1	0	21.37	2.26	23.63	<=30	Pass
			25	21.46	2.26	23.72	<=30	Pass
			49	21.38	2.26	23.64	<=30	Pass
		12	0	21.75	2.26	24.01	<=30	Pass
			19	21.73	2.26	23.99	<=30	Pass
			38	21.76	2.26	24.02	<=30	Pass
		27	23	20.82	2.26	23.08	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.05	2.26	24.31	<=30	Pass
			38	22.19	2.26	24.45	<=30	Pass
			74	22.11	2.26	24.37	<=30	Pass
		36	0	21.58	2.26	23.84	<=30	Pass
			18	21.71	2.26	23.97	<=30	Pass
			39	21.80	2.26	24.06	<=30	Pass
		75	0	21.76	2.26	24.02	<=30	Pass
	1745	1	0	22.25	2.26	24.51	<=30	Pass
			38	22.23	2.26	24.49	<=30	Pass
			74	22.13	2.26	24.39	<=30	Pass
		36	0	21.70	2.26	23.96	<=30	Pass
			18	21.66	2.26	23.92	<=30	Pass
			39	21.66	2.26	23.92	<=30	Pass
		75	0	21.73	2.26	23.99	<=30	Pass
	1772.5	1	0	22.15	2.26	24.41	<=30	Pass
			38	22.22	2.26	24.48	<=30	Pass
			74	22.15	2.26	24.41	<=30	Pass
		36	0	21.75	2.26	24.01	<=30	Pass
			18	21.75	2.26	24.01	<=30	Pass
			39	21.77	2.26	24.03	<=30	Pass
		75	0	21.80	2.26	24.06	<=30	Pass
16QAM	1717.5	1	0	21.57	2.26	23.83	<=30	Pass
			38	21.71	2.26	23.97	<=30	Pass
			74	21.68	2.26	23.94	<=30	Pass
		12	0	21.66	2.26	23.92	<=30	Pass
			31	21.76	2.26	24.02	<=30	Pass
			63	21.82	2.26	24.08	<=30	Pass

		27	0	20.65	2.26	22.91	<=30	Pass
		1	0	21.28	2.26	23.54	<=30	Pass
			38	21.29	2.26	23.55	<=30	Pass
			74	21.18	2.26	23.44	<=30	Pass
		12	0	21.73	2.26	23.99	<=30	Pass
			31	21.73	2.26	23.99	<=30	Pass
			63	21.65	2.26	23.91	<=30	Pass
		27	0	20.68	2.26	22.94	<=30	Pass
	1772.5	1	0	21.34	2.26	23.60	<=30	Pass
			38	21.45	2.26	23.71	<=30	Pass
			74	21.36	2.26	23.62	<=30	Pass
		12	0	21.67	2.26	23.93	<=30	Pass
			31	21.73	2.26	23.99	<=30	Pass
			63	21.73	2.26	23.99	<=30	Pass
		27	48	20.75	2.26	23.01	<=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	22.12	2.26	24.38	<=30	Pass
			50	22.32	2.26	24.58	<=30	Pass
			99	22.30	2.26	24.56	<=30	Pass
		50	0	21.56	2.26	23.82	<=30	Pass
			25	21.80	2.26	24.06	<=30	Pass
			50	21.92	2.26	24.18	<=30	Pass
		100	0	21.79	2.26	24.05	<=30	Pass
	1745	1	0	22.14	2.26	24.40	<=30	Pass
			50	22.15	2.26	24.41	<=30	Pass
			99	22.05	2.26	24.31	<=30	Pass
		50	0	21.76	2.26	24.02	<=30	Pass
			25	21.77	2.26	24.03	<=30	Pass
			50	21.81	2.26	24.07	<=30	Pass
		100	0	21.78	2.26	24.04	<=30	Pass
	1770	1	0	22.08	2.26	24.34	<=30	Pass
			50	22.26	2.26	24.52	<=30	Pass
			99	22.18	2.26	24.44	<=30	Pass
		50	0	21.79	2.26	24.05	<=30	Pass
			25	21.80	2.26	24.06	<=30	Pass
			50	21.81	2.26	24.07	<=30	Pass
		100	0	21.83	2.26	24.09	<=30	Pass
16QAM	1720	1	0	21.32	2.26	23.58	<=30	Pass
			50	21.50	2.26	23.76	<=30	Pass
			99	21.49	2.26	23.75	<=30	Pass
		12	0	21.57	2.26	23.83	<=30	Pass
			44	21.71	2.26	23.97	<=30	Pass
			88	21.71	2.26	23.97	<=30	Pass
		27	0	20.57	2.26	22.83	<=30	Pass
	1745	1	0	21.61	2.26	23.87	<=30	Pass
			50	21.65	2.26	23.91	<=30	Pass
			99	21.52	2.26	23.78	<=30	Pass
		12	0	21.73	2.26	23.99	<=30	Pass
			44	21.75	2.26	24.01	<=30	Pass
			88	21.67	2.26	23.93	<=30	Pass
		27	0	20.71	2.26	22.97	<=30	Pass
	1770	1	0	21.32	2.26	23.58	<=30	Pass

			50	21.46	2.26	23.72	<=30	Pass
			99	21.40	2.26	23.66	<=30	Pass
			0	21.61	2.26	23.87	<=30	Pass
		12	44	21.72	2.26	23.98	<=30	Pass
			88	21.70	2.26	23.96	<=30	Pass
		27	73	20.66	2.26	22.92	<=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	3.15	9.642	0.0056	-2.5 to 2.5	Pass
					3.70	1.888	0.0011	-2.5 to 2.5	Pass
					4.26	-1.345	-0.0008	-2.5 to 2.5	Pass
				-30	3.70	6.952	0.0041	-2.5 to 2.5	Pass
				-20	3.70	0.772	0.0005	-2.5 to 2.5	Pass
				-10	3.70	0.243	0.0001	-2.5 to 2.5	Pass
				0	3.70	-4.563	-0.0027	-2.5 to 2.5	Pass
				10	3.70	-5.693	-0.0033	-2.5 to 2.5	Pass
				30	3.70	4.363	0.0026	-2.5 to 2.5	Pass
				40	3.70	1.845	0.0011	-2.5 to 2.5	Pass
				50	3.70	-0.172	-0.0001	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	5.665	0.0032	-2.5 to 2.5	Pass
					3.70	-5.064	-0.0029	-2.5 to 2.5	Pass
					4.26	-5.422	-0.0031	-2.5 to 2.5	Pass
				-30	3.70	3.719	0.0021	-2.5 to 2.5	Pass
				-20	3.70	-3.605	-0.0021	-2.5 to 2.5	Pass
				-10	3.70	5.221	0.0030	-2.5 to 2.5	Pass
				0	3.70	-0.572	-0.0003	-2.5 to 2.5	Pass
				10	3.70	10.171	0.0058	-2.5 to 2.5	Pass
				30	3.70	-2.618	-0.0015	-2.5 to 2.5	Pass
				40	3.70	-10.629	-0.0061	-2.5 to 2.5	Pass
				50	3.70	7.753	0.0044	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	2.875	0.0016	-2.5 to 2.5	Pass
					3.70	-4.978	-0.0028	-2.5 to 2.5	Pass
					4.26	6.981	0.0039	-2.5 to 2.5	Pass
				-30	3.70	6.838	0.0038	-2.5 to 2.5	Pass
				-20	3.70	-7.453	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	3.161	0.0018	-2.5 to 2.5	Pass
				0	3.70	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.70	6.638	0.0037	-2.5 to 2.5	Pass
				30	3.70	7.796	0.0044	-2.5 to 2.5	Pass
				40	3.70	12.574	0.0071	-2.5 to 2.5	Pass
				50	3.70	8.783	0.0049	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.15	1.431	0.0008	-2.5 to 2.5	Pass
					3.70	-5.765	-0.0034	-2.5 to 2.5	Pass
					4.26	2.661	0.0016	-2.5 to 2.5	Pass
				-30	3.70	-2.503	-0.0015	-2.5 to 2.5	Pass
				-20	3.70	-1.473	-0.0009	-2.5 to 2.5	Pass
				-10	3.70	0.300	0.0002	-2.5 to 2.5	Pass

				0	3.70	4.749	0.0028	-2.5 to 2.5	Pass
				10	3.70	2.432	0.0014	-2.5 to 2.5	Pass
				30	3.70	0.787	0.0005	-2.5 to 2.5	Pass
				40	3.70	-5.636	-0.0033	-2.5 to 2.5	Pass
				50	3.70	5.007	0.0029	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	3.233	0.0019	-2.5 to 2.5	Pass
					3.70	0.043	0.0000	-2.5 to 2.5	Pass
					4.26	-4.878	-0.0028	-2.5 to 2.5	Pass
				-30	3.70	-4.420	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	10.371	0.0059	-2.5 to 2.5	Pass
				-10	3.70	7.296	0.0042	-2.5 to 2.5	Pass
				0	3.70	6.409	0.0037	-2.5 to 2.5	Pass
				10	3.70	6.480	0.0037	-2.5 to 2.5	Pass
				30	3.70	-3.076	-0.0018	-2.5 to 2.5	Pass
				40	3.70	-3.490	-0.0020	-2.5 to 2.5	Pass
				50	3.70	-4.234	-0.0024	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	7.110	0.0040	-2.5 to 2.5	Pass
					3.70	3.777	0.0021	-2.5 to 2.5	Pass
					4.26	5.250	0.0030	-2.5 to 2.5	Pass
				-30	3.70	-4.635	-0.0026	-2.5 to 2.5	Pass
				-20	3.70	7.267	0.0041	-2.5 to 2.5	Pass
				-10	3.70	10.014	0.0056	-2.5 to 2.5	Pass
				0	3.70	4.234	0.0024	-2.5 to 2.5	Pass
				10	3.70	2.861	0.0016	-2.5 to 2.5	Pass
				30	3.70	2.761	0.0016	-2.5 to 2.5	Pass
				40	3.70	-0.858	-0.0005	-2.5 to 2.5	Pass
				50	3.70	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	3.15	-4.420	-0.0026	-2.5 to 2.5	Pass
					3.70	-7.539	-0.0044	-2.5 to 2.5	Pass
					4.26	-1.659	-0.0010	-2.5 to 2.5	Pass
				-30	3.70	-5.651	-0.0033	-2.5 to 2.5	Pass
				-20	3.70	0.043	0.0000	-2.5 to 2.5	Pass
				-10	3.70	6.609	0.0039	-2.5 to 2.5	Pass
				0	3.70	-1.688	-0.0010	-2.5 to 2.5	Pass
				10	3.70	3.562	0.0021	-2.5 to 2.5	Pass
				30	3.70	-2.146	-0.0013	-2.5 to 2.5	Pass
				40	3.70	2.418	0.0014	-2.5 to 2.5	Pass
				50	3.70	2.847	0.0017	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	1.931	0.0011	-2.5 to 2.5	Pass
					3.70	6.123	0.0035	-2.5 to 2.5	Pass
					4.26	-3.219	-0.0018	-2.5 to 2.5	Pass
				-30	3.70	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.70	-5.536	-0.0032	-2.5 to 2.5	Pass
				-10	3.70	7.296	0.0042	-2.5 to 2.5	Pass
				0	3.70	2.446	0.0014	-2.5 to 2.5	Pass
				10	3.70	0.944	0.0005	-2.5 to 2.5	Pass
				30	3.70	-4.091	-0.0023	-2.5 to 2.5	Pass
				40	3.70	-5.708	-0.0033	-2.5 to 2.5	Pass
				50	3.70	-1.960	-0.0011	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.15	1.559	0.0009	-2.5 to 2.5	Pass
					3.70	0.587	0.0003	-2.5 to 2.5	Pass
					4.26	-1.473	-0.0008	-2.5 to 2.5	Pass

16QAM	1711.5	15	0	-30	3.70	-5.751	-0.0032	-2.5 to 2.5	Pass
				-20	3.70	-6.881	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	-0.930	-0.0005	-2.5 to 2.5	Pass
				0	3.70	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	3.70	-0.644	-0.0004	-2.5 to 2.5	Pass
				30	3.70	-3.161	-0.0018	-2.5 to 2.5	Pass
				40	3.70	2.146	0.0012	-2.5 to 2.5	Pass
				50	3.70	0.944	0.0005	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	-1.316	-0.0008	-2.5 to 2.5	Pass
					3.70	2.704	0.0016	-2.5 to 2.5	Pass
					4.26	8.483	0.0050	-2.5 to 2.5	Pass
				-30	3.70	-6.967	-0.0041	-2.5 to 2.5	Pass
				-20	3.70	4.892	0.0029	-2.5 to 2.5	Pass
				-10	3.70	2.804	0.0016	-2.5 to 2.5	Pass
				0	3.70	-3.076	-0.0018	-2.5 to 2.5	Pass
				10	3.70	3.891	0.0023	-2.5 to 2.5	Pass
				30	3.70	0.186	0.0001	-2.5 to 2.5	Pass
				40	3.70	-2.089	-0.0012	-2.5 to 2.5	Pass
				50	3.70	3.047	0.0018	-2.5 to 2.5	Pass
				20	3.15	4.478	0.0026	-2.5 to 2.5	Pass
					3.70	-1.402	-0.0008	-2.5 to 2.5	Pass
					4.26	-3.748	-0.0021	-2.5 to 2.5	Pass
				-30	3.70	-2.947	-0.0017	-2.5 to 2.5	Pass
	1778.5	15	0	-20	3.70	1.245	0.0007	-2.5 to 2.5	Pass
				-10	3.70	5.951	0.0034	-2.5 to 2.5	Pass
				0	3.70	2.789	0.0016	-2.5 to 2.5	Pass
				10	3.70	1.359	0.0008	-2.5 to 2.5	Pass
				30	3.70	4.764	0.0027	-2.5 to 2.5	Pass
				40	3.70	-7.739	-0.0044	-2.5 to 2.5	Pass
				50	3.70	-2.117	-0.0012	-2.5 to 2.5	Pass
				20	3.15	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.70	-2.718	-0.0015	-2.5 to 2.5	Pass
					4.26	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.70	-7.739	-0.0044	-2.5 to 2.5	Pass
				-20	3.70	-3.347	-0.0019	-2.5 to 2.5	Pass
				-10	3.70	-3.834	-0.0022	-2.5 to 2.5	Pass
				0	3.70	-5.264	-0.0030	-2.5 to 2.5	Pass
				10	3.70	3.190	0.0018	-2.5 to 2.5	Pass
				30	3.70	3.533	0.0020	-2.5 to 2.5	Pass
				40	3.70	-7.210	-0.0041	-2.5 to 2.5	Pass
				50	3.70	7.024	0.0039	-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	3.15	1.917	0.0011	-2.5 to 2.5	Pass
					3.70	-1.845	-0.0011	-2.5 to 2.5	Pass
					4.26	4.392	0.0026	-2.5 to 2.5	Pass
				-30	3.70	-6.008	-0.0035	-2.5 to 2.5	Pass
				-20	3.70	-1.774	-0.0010	-2.5 to 2.5	Pass
				-10	3.70	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.70	0.257	0.0002	-2.5 to 2.5	Pass
				10	3.70	5.693	0.0033	-2.5 to 2.5	Pass
				30	3.70	2.561	0.0015	-2.5 to 2.5	Pass
				40	3.70	-2.975	-0.0017	-2.5 to 2.5	Pass
				50	3.70	5.651	0.0033	-2.5 to 2.5	Pass

	1745	25	0	20	3.15	1.273	0.0007	-2.5 to 2.5	Pass
					3.70	4.177	0.0024	-2.5 to 2.5	Pass
					4.26	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.70	0.772	0.0004	-2.5 to 2.5	Pass
				-20	3.70	0.114	0.0001	-2.5 to 2.5	Pass
				-10	3.70	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.70	-7.067	-0.0040	-2.5 to 2.5	Pass
				10	3.70	5.951	0.0034	-2.5 to 2.5	Pass
				30	3.70	-0.272	-0.0002	-2.5 to 2.5	Pass
				40	3.70	2.975	0.0017	-2.5 to 2.5	Pass
				50	3.70	-2.246	-0.0013	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.15	5.136	0.0029	-2.5 to 2.5	Pass
					3.70	2.933	0.0017	-2.5 to 2.5	Pass
					4.26	7.052	0.0040	-2.5 to 2.5	Pass
				-30	3.70	-4.220	-0.0024	-2.5 to 2.5	Pass
				-20	3.70	4.992	0.0028	-2.5 to 2.5	Pass
				-10	3.70	-2.375	-0.0013	-2.5 to 2.5	Pass
				0	3.70	3.762	0.0021	-2.5 to 2.5	Pass
				10	3.70	11.687	0.0066	-2.5 to 2.5	Pass
				30	3.70	-0.401	-0.0002	-2.5 to 2.5	Pass
				40	3.70	2.890	0.0016	-2.5 to 2.5	Pass
				50	3.70	-4.649	-0.0026	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.15	3.877	0.0023	-2.5 to 2.5	Pass
					3.70	2.675	0.0016	-2.5 to 2.5	Pass
					4.26	4.148	0.0024	-2.5 to 2.5	Pass
				-30	3.70	0.215	0.0001	-2.5 to 2.5	Pass
				-20	3.70	3.848	0.0022	-2.5 to 2.5	Pass
				-10	3.70	0.229	0.0001	-2.5 to 2.5	Pass
				0	3.70	-2.217	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-1.388	-0.0008	-2.5 to 2.5	Pass
				30	3.70	8.798	0.0051	-2.5 to 2.5	Pass
				40	3.70	3.691	0.0022	-2.5 to 2.5	Pass
				50	3.70	0.029	0.0000	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.70	1.230	0.0007	-2.5 to 2.5	Pass
					4.26	0.544	0.0003	-2.5 to 2.5	Pass
				-30	3.70	9.084	0.0052	-2.5 to 2.5	Pass
				-20	3.70	-6.151	-0.0035	-2.5 to 2.5	Pass
				-10	3.70	-2.961	-0.0017	-2.5 to 2.5	Pass
				0	3.70	0.029	0.0000	-2.5 to 2.5	Pass
				10	3.70	-7.038	-0.0040	-2.5 to 2.5	Pass
				30	3.70	3.462	0.0020	-2.5 to 2.5	Pass
				40	3.70	-0.987	-0.0006	-2.5 to 2.5	Pass
				50	3.70	0.815	0.0005	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.15	-3.576	-0.0020	-2.5 to 2.5	Pass
					3.70	7.710	0.0043	-2.5 to 2.5	Pass
					4.26	3.448	0.0019	-2.5 to 2.5	Pass
				-30	3.70	3.777	0.0021	-2.5 to 2.5	Pass
				-20	3.70	2.031	0.0011	-2.5 to 2.5	Pass
				-10	3.70	7.396	0.0042	-2.5 to 2.5	Pass
				0	3.70	11.888	0.0067	-2.5 to 2.5	Pass
				10	3.70	11.730	0.0066	-2.5 to 2.5	Pass
				30	3.70	4.506	0.0025	-2.5 to 2.5	Pass
				40	3.70	1.531	0.0009	-2.5 to 2.5	Pass
				50	3.70	3.448	0.0019	-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	3.15	0.858	0.0005	-2.5 to 2.5	Pass
					3.70	6.509	0.0038	-2.5 to 2.5	Pass
					4.26	-0.916	-0.0005	-2.5 to 2.5	Pass
				-30	3.70	1.988	0.0012	-2.5 to 2.5	Pass
				-20	3.70	5.693	0.0033	-2.5 to 2.5	Pass
				-10	3.70	12.345	0.0072	-2.5 to 2.5	Pass
				0	3.70	4.191	0.0024	-2.5 to 2.5	Pass
				10	3.70	3.304	0.0019	-2.5 to 2.5	Pass
				30	3.70	4.621	0.0027	-2.5 to 2.5	Pass
				40	3.70	2.503	0.0015	-2.5 to 2.5	Pass
				50	3.70	4.005	0.0023	-2.5 to 2.5	Pass
	1745	50	0	20	3.15	5.922	0.0034	-2.5 to 2.5	Pass
					3.70	5.536	0.0032	-2.5 to 2.5	Pass
					4.26	4.091	0.0023	-2.5 to 2.5	Pass
				-30	3.70	6.895	0.0040	-2.5 to 2.5	Pass
				-20	3.70	8.612	0.0049	-2.5 to 2.5	Pass
				-10	3.70	6.638	0.0038	-2.5 to 2.5	Pass
				0	3.70	0.587	0.0003	-2.5 to 2.5	Pass
				10	3.70	-0.830	-0.0005	-2.5 to 2.5	Pass
				30	3.70	5.193	0.0030	-2.5 to 2.5	Pass
				40	3.70	4.892	0.0028	-2.5 to 2.5	Pass
				50	3.70	-0.029	0.0000	-2.5 to 2.5	Pass
	1775	50	0	20	3.15	-2.689	-0.0015	-2.5 to 2.5	Pass
					3.70	4.377	0.0025	-2.5 to 2.5	Pass
					4.26	0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.70	4.005	0.0023	-2.5 to 2.5	Pass
				-20	3.70	1.688	0.0010	-2.5 to 2.5	Pass
				-10	3.70	2.332	0.0013	-2.5 to 2.5	Pass
				0	3.70	4.163	0.0023	-2.5 to 2.5	Pass
				10	3.70	-0.873	-0.0005	-2.5 to 2.5	Pass
				30	3.70	4.263	0.0024	-2.5 to 2.5	Pass
				40	3.70	-3.262	-0.0018	-2.5 to 2.5	Pass
				50	3.70	1.774	0.0010	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.15	-2.332	-0.0014	-2.5 to 2.5	Pass
					3.70	5.922	0.0035	-2.5 to 2.5	Pass
					4.26	4.878	0.0028	-2.5 to 2.5	Pass
				-30	3.70	0.401	0.0002	-2.5 to 2.5	Pass
				-20	3.70	0.801	0.0005	-2.5 to 2.5	Pass
				-10	3.70	3.405	0.0020	-2.5 to 2.5	Pass
				0	3.70	-2.031	-0.0012	-2.5 to 2.5	Pass
				10	3.70	2.275	0.0013	-2.5 to 2.5	Pass
				30	3.70	3.619	0.0021	-2.5 to 2.5	Pass
				40	3.70	3.033	0.0018	-2.5 to 2.5	Pass
				50	3.70	4.678	0.0027	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	-4.234	-0.0024	-2.5 to 2.5	Pass
					3.70	6.580	0.0038	-2.5 to 2.5	Pass
					4.26	3.190	0.0018	-2.5 to 2.5	Pass
				-30	3.70	2.346	0.0013	-2.5 to 2.5	Pass
				-20	3.70	5.636	0.0032	-2.5 to 2.5	Pass
				-10	3.70	4.506	0.0026	-2.5 to 2.5	Pass
				0	3.70	0.286	0.0002	-2.5 to 2.5	Pass
				10	3.70	6.351	0.0036	-2.5 to 2.5	Pass
				30	3.70	2.389	0.0014	-2.5 to 2.5	Pass
				40	3.70	4.148	0.0024	-2.5 to 2.5	Pass

	1775	27	23	50	3.70	2.918	0.0017	-2.5 to 2.5	Pass
				20	3.15	6.824	0.0038	-2.5 to 2.5	Pass
					3.70	-4.992	-0.0028	-2.5 to 2.5	Pass
					4.26	1.888	0.0011	-2.5 to 2.5	Pass
				-30	3.70	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	3.70	2.618	0.0015	-2.5 to 2.5	Pass
				-10	3.70	-0.973	-0.0005	-2.5 to 2.5	Pass
				0	3.70	5.307	0.0030	-2.5 to 2.5	Pass
				10	3.70	-6.409	-0.0036	-2.5 to 2.5	Pass
				30	3.70	-2.289	-0.0013	-2.5 to 2.5	Pass
				40	3.70	1.159	0.0007	-2.5 to 2.5	Pass
				50	3.70	2.747	0.0015	-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	3.15	1.788	0.0010	-2.5 to 2.5	Pass
					3.70	3.133	0.0018	-2.5 to 2.5	Pass
					4.26	1.187	0.0007	-2.5 to 2.5	Pass
				-30	3.70	1.216	0.0007	-2.5 to 2.5	Pass
				-20	3.70	3.734	0.0022	-2.5 to 2.5	Pass
				-10	3.70	2.317	0.0013	-2.5 to 2.5	Pass
				0	3.70	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.70	4.349	0.0025	-2.5 to 2.5	Pass
				30	3.70	3.619	0.0021	-2.5 to 2.5	Pass
				40	3.70	3.405	0.0020	-2.5 to 2.5	Pass
				50	3.70	4.807	0.0028	-2.5 to 2.5	Pass
	1745	75	0	20	3.15	7.524	0.0043	-2.5 to 2.5	Pass
					3.70	4.792	0.0027	-2.5 to 2.5	Pass
					4.26	3.433	0.0020	-2.5 to 2.5	Pass
				-30	3.70	2.446	0.0014	-2.5 to 2.5	Pass
				-20	3.70	2.975	0.0017	-2.5 to 2.5	Pass
				-10	3.70	1.001	0.0006	-2.5 to 2.5	Pass
				0	3.70	5.207	0.0030	-2.5 to 2.5	Pass
				10	3.70	2.847	0.0016	-2.5 to 2.5	Pass
				30	3.70	6.423	0.0037	-2.5 to 2.5	Pass
				40	3.70	-1.788	-0.0010	-2.5 to 2.5	Pass
				50	3.70	-0.458	-0.0003	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.15	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.70	-0.901	-0.0005	-2.5 to 2.5	Pass
					4.26	2.561	0.0014	-2.5 to 2.5	Pass
				-30	3.70	0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.70	1.502	0.0008	-2.5 to 2.5	Pass
				-10	3.70	4.005	0.0023	-2.5 to 2.5	Pass
				0	3.70	0.801	0.0005	-2.5 to 2.5	Pass
				10	3.70	2.046	0.0012	-2.5 to 2.5	Pass
				30	3.70	5.422	0.0031	-2.5 to 2.5	Pass
				40	3.70	6.180	0.0035	-2.5 to 2.5	Pass
				50	3.70	2.017	0.0011	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.15	7.668	0.0045	-2.5 to 2.5	Pass
					3.70	6.566	0.0038	-2.5 to 2.5	Pass
					4.26	-0.687	-0.0004	-2.5 to 2.5	Pass
				-30	3.70	6.123	0.0036	-2.5 to 2.5	Pass
				-20	3.70	6.194	0.0036	-2.5 to 2.5	Pass
				-10	3.70	7.081	0.0041	-2.5 to 2.5	Pass
				0	3.70	0.072	0.0000	-2.5 to 2.5	Pass

				10	3.70	1.545	0.0009	-2.5 to 2.5	Pass
				30	3.70	4.692	0.0027	-2.5 to 2.5	Pass
				40	3.70	2.475	0.0014	-2.5 to 2.5	Pass
				50	3.70	5.579	0.0032	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	-2.146	-0.0012	-2.5 to 2.5	Pass
					3.70	-2.689	-0.0015	-2.5 to 2.5	Pass
					4.26	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.70	-3.605	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	7.124	0.0041	-2.5 to 2.5	Pass
				-10	3.70	-5.622	-0.0032	-2.5 to 2.5	Pass
				0	3.70	4.778	0.0027	-2.5 to 2.5	Pass
				10	3.70	-0.701	-0.0004	-2.5 to 2.5	Pass
				30	3.70	1.845	0.0011	-2.5 to 2.5	Pass
				40	3.70	2.131	0.0012	-2.5 to 2.5	Pass
				50	3.70	-0.329	-0.0002	-2.5 to 2.5	Pass
	1772.5	27	48	20	3.15	5.765	0.0033	-2.5 to 2.5	Pass
					3.70	0.157	0.0001	-2.5 to 2.5	Pass
					4.26	-2.003	-0.0011	-2.5 to 2.5	Pass
				-30	3.70	5.550	0.0031	-2.5 to 2.5	Pass
				-20	3.70	3.633	0.0020	-2.5 to 2.5	Pass
				-10	3.70	0.329	0.0002	-2.5 to 2.5	Pass
				0	3.70	5.665	0.0032	-2.5 to 2.5	Pass
				10	3.70	2.103	0.0012	-2.5 to 2.5	Pass
				30	3.70	5.193	0.0029	-2.5 to 2.5	Pass
				40	3.70	0.844	0.0005	-2.5 to 2.5	Pass
				50	3.70	3.490	0.0020	-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	3.15	-3.490	-0.0020	-2.5 to 2.5	Pass
					3.70	-0.343	-0.0002	-2.5 to 2.5	Pass
					4.26	-0.043	0.0000	-2.5 to 2.5	Pass
				-30	3.70	-0.415	-0.0002	-2.5 to 2.5	Pass
				-20	3.70	-1.616	-0.0009	-2.5 to 2.5	Pass
				-10	3.70	-0.429	-0.0002	-2.5 to 2.5	Pass
				0	3.70	-1.702	-0.0010	-2.5 to 2.5	Pass
				10	3.70	-0.801	-0.0005	-2.5 to 2.5	Pass
				30	3.70	2.046	0.0012	-2.5 to 2.5	Pass
				40	3.70	-3.676	-0.0021	-2.5 to 2.5	Pass
				50	3.70	-0.057	0.0000	-2.5 to 2.5	Pass
	1745	100	0	20	3.15	6.251	0.0036	-2.5 to 2.5	Pass
					3.70	3.877	0.0022	-2.5 to 2.5	Pass
					4.26	4.435	0.0025	-2.5 to 2.5	Pass
				-30	3.70	3.004	0.0017	-2.5 to 2.5	Pass
				-20	3.70	0.758	0.0004	-2.5 to 2.5	Pass
				-10	3.70	3.605	0.0021	-2.5 to 2.5	Pass
				0	3.70	5.350	0.0031	-2.5 to 2.5	Pass
				10	3.70	2.189	0.0013	-2.5 to 2.5	Pass
				30	3.70	4.106	0.0024	-2.5 to 2.5	Pass
				40	3.70	4.034	0.0023	-2.5 to 2.5	Pass
				50	3.70	-1.874	-0.0011	-2.5 to 2.5	Pass
	1770	100	0	20	3.15	4.420	0.0025	-2.5 to 2.5	Pass
					3.70	0.200	0.0001	-2.5 to 2.5	Pass
					4.26	1.760	0.0010	-2.5 to 2.5	Pass
				-30	3.70	0.072	0.0000	-2.5 to 2.5	Pass

				-20	3.70	1.402	0.0008	-2.5 to 2.5	Pass
				-10	3.70	3.719	0.0021	-2.5 to 2.5	Pass
				0	3.70	1.016	0.0006	-2.5 to 2.5	Pass
				10	3.70	1.960	0.0011	-2.5 to 2.5	Pass
				30	3.70	4.449	0.0025	-2.5 to 2.5	Pass
				40	3.70	1.688	0.0010	-2.5 to 2.5	Pass
				50	3.70	0.358	0.0002	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.15	1.488	0.0009	-2.5 to 2.5	Pass
					3.70	7.267	0.0042	-2.5 to 2.5	Pass
					4.26	3.004	0.0017	-2.5 to 2.5	Pass
				-30	3.70	2.460	0.0014	-2.5 to 2.5	Pass
				-20	3.70	7.796	0.0045	-2.5 to 2.5	Pass
				-10	3.70	2.146	0.0012	-2.5 to 2.5	Pass
				0	3.70	5.078	0.0030	-2.5 to 2.5	Pass
				10	3.70	3.977	0.0023	-2.5 to 2.5	Pass
				30	3.70	3.276	0.0019	-2.5 to 2.5	Pass
				40	3.70	4.306	0.0025	-2.5 to 2.5	Pass
	1745	27	0	50	3.70	1.016	0.0006	-2.5 to 2.5	Pass
				20	3.15	-3.190	-0.0018	-2.5 to 2.5	Pass
					3.70	2.732	0.0016	-2.5 to 2.5	Pass
					4.26	1.788	0.0010	-2.5 to 2.5	Pass
				-30	3.70	3.533	0.0020	-2.5 to 2.5	Pass
				-20	3.70	1.416	0.0008	-2.5 to 2.5	Pass
				-10	3.70	-0.687	-0.0004	-2.5 to 2.5	Pass
				0	3.70	4.649	0.0027	-2.5 to 2.5	Pass
				10	3.70	4.807	0.0028	-2.5 to 2.5	Pass
				30	3.70	0.916	0.0005	-2.5 to 2.5	Pass
	1770	27	73	40	3.70	-2.003	-0.0011	-2.5 to 2.5	Pass
				50	3.70	1.345	0.0008	-2.5 to 2.5	Pass
				20	3.15	3.848	0.0022	-2.5 to 2.5	Pass
					3.70	0.844	0.0005	-2.5 to 2.5	Pass
					4.26	-1.216	-0.0007	-2.5 to 2.5	Pass
				-30	3.70	3.691	0.0021	-2.5 to 2.5	Pass
				-20	3.70	2.375	0.0013	-2.5 to 2.5	Pass
				-10	3.70	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.70	-0.043	0.0000	-2.5 to 2.5	Pass
				10	3.70	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.70	1.788	0.0010	-2.5 to 2.5	Pass
				40	3.70	-0.286	-0.0002	-2.5 to 2.5	Pass
				50	3.70	1.473	0.0008	-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		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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

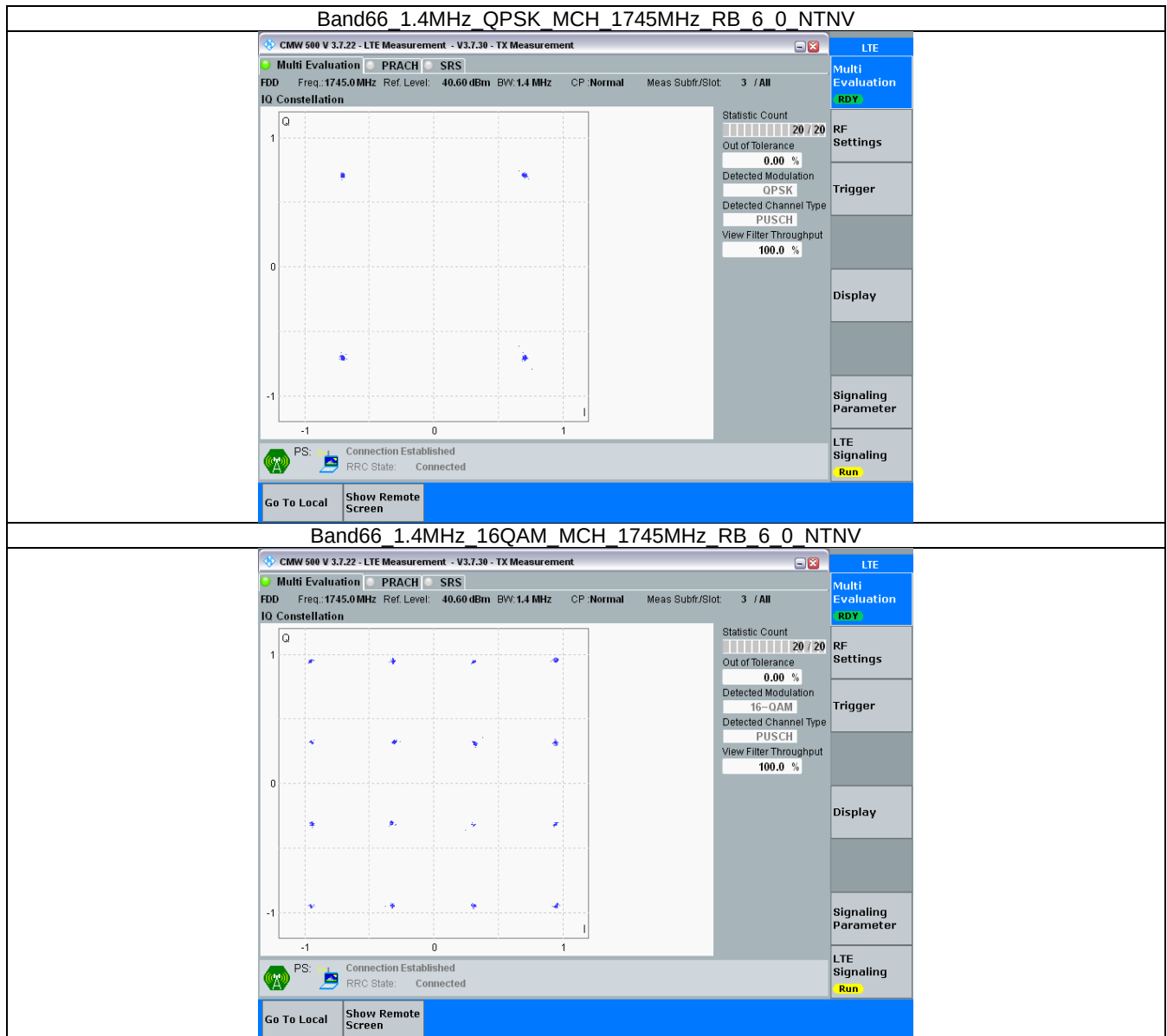
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

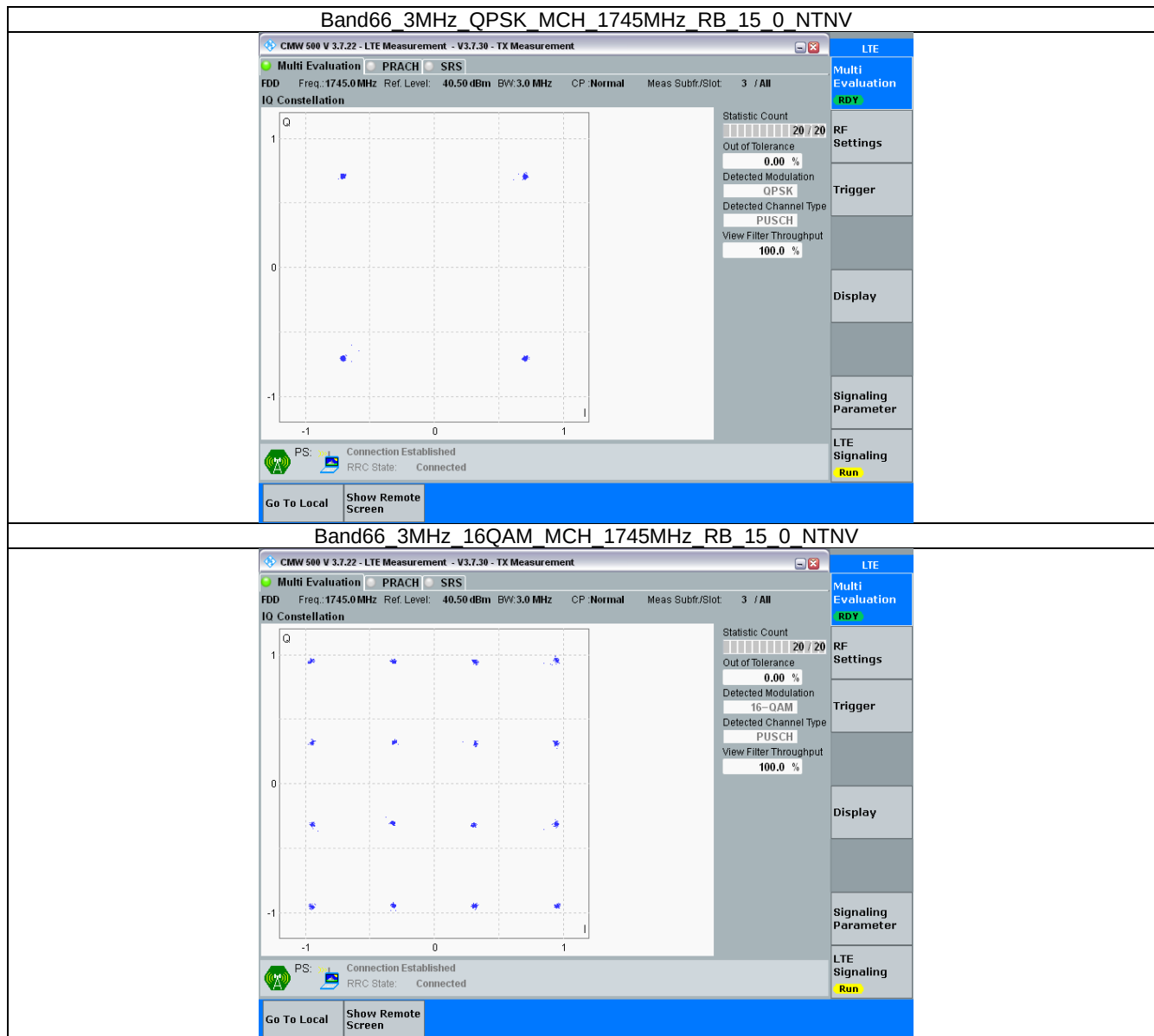
Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

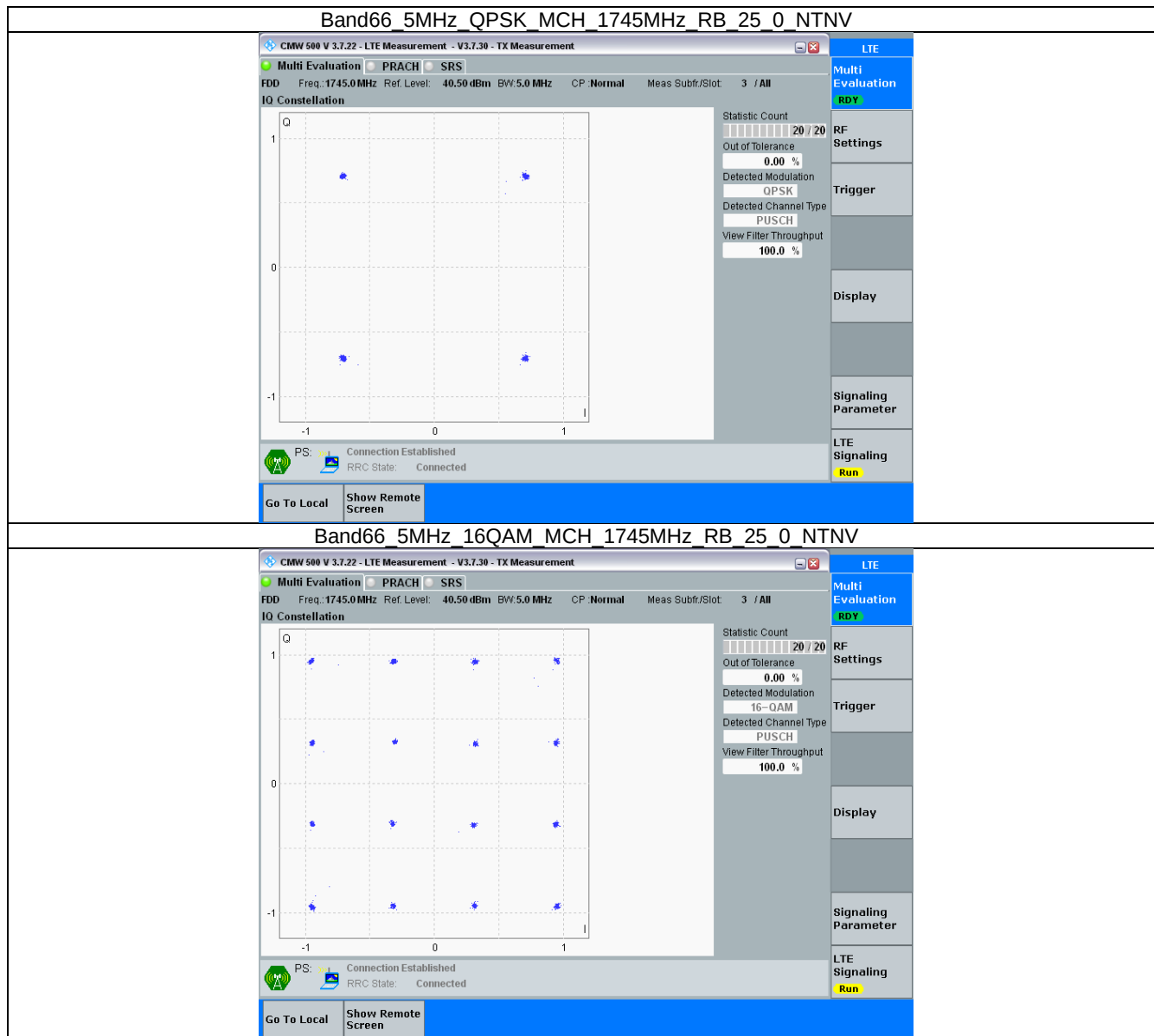
3.2.1 B66_1.4MHz



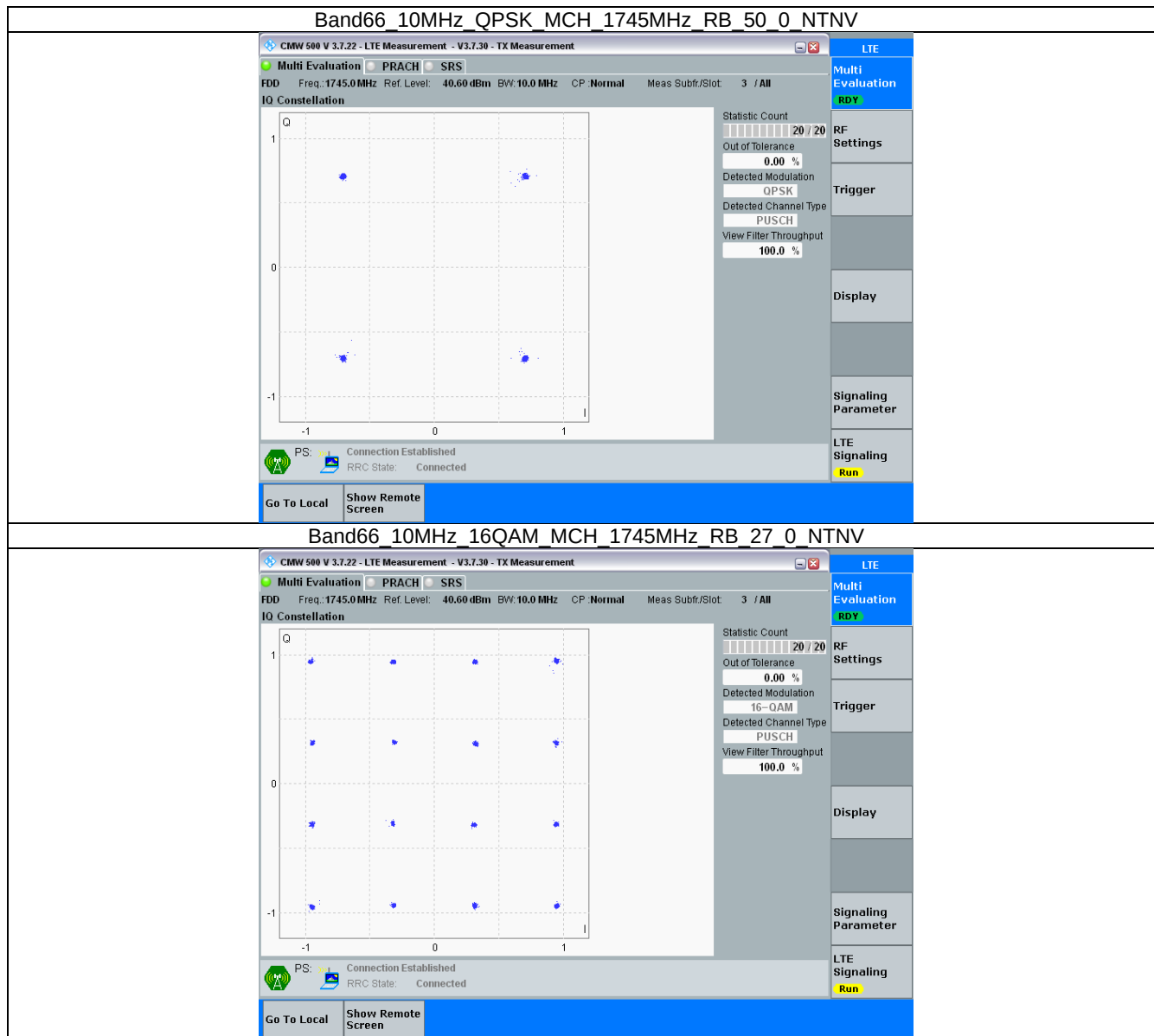
3.2.2 B66_3MHz



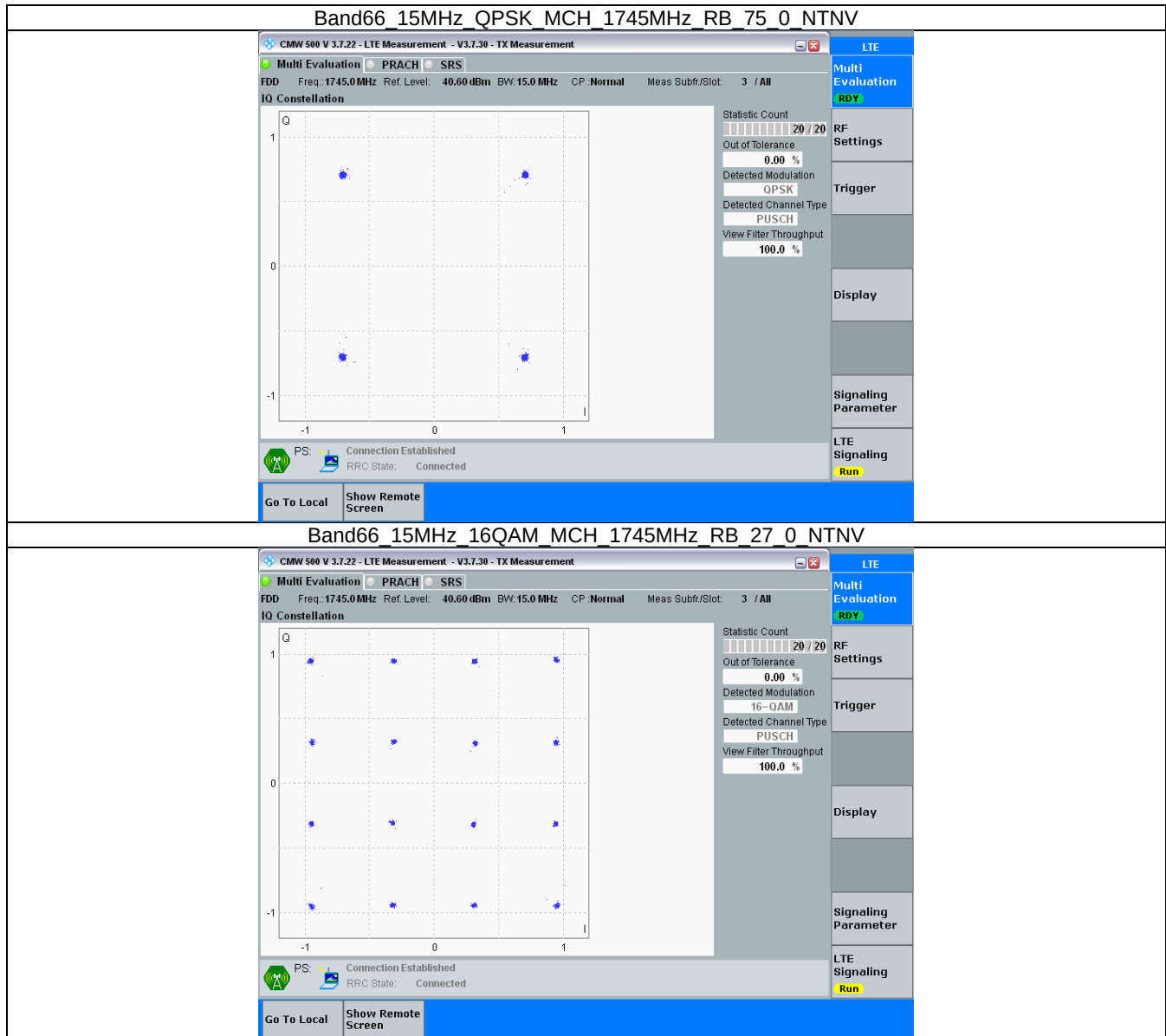
3.2.3 B66_5MHz



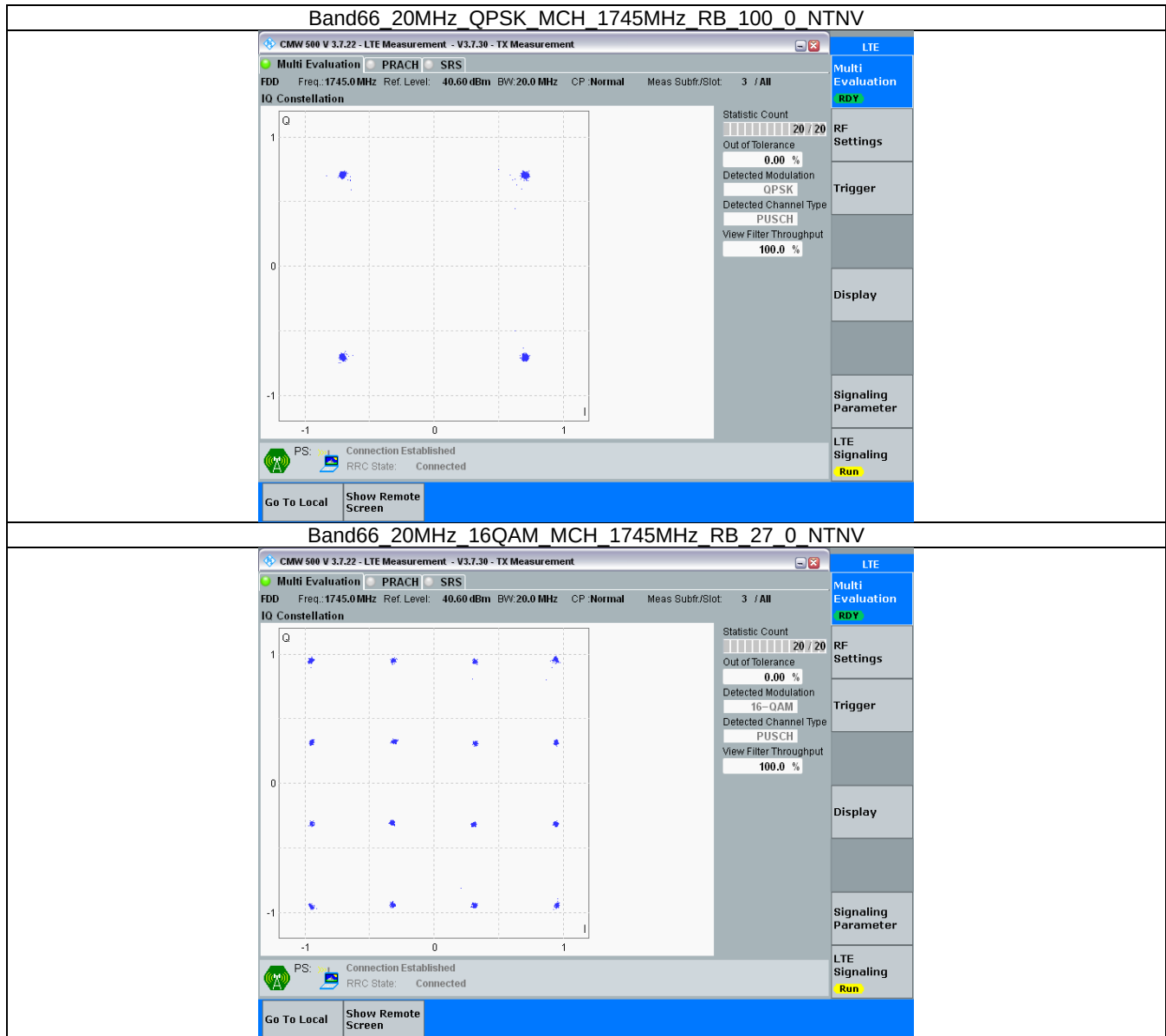
3.2.4 B66_10MHz



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	1.108	/	Pass
		1745	6	0	1.115	/	Pass
		1779.3	6	0	1.117	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.105	/	Pass
3	QPSK	1711.5	15	0	2.732	/	Pass
		1745	15	0	2.734	/	Pass
		1778.5	15	0	2.731	/	Pass
	16QAM	1711.5	15	0	2.722	/	Pass
		1745	15	0	2.730	/	Pass
		1778.5	15	0	2.730	/	Pass
5	QPSK	1712.5	25	0	4.536	/	Pass
		1745	25	0	4.535	/	Pass
		1777.5	25	0	4.544	/	Pass
	16QAM	1712.5	25	0	4.548	/	Pass
		1745	25	0	4.565	/	Pass
		1777.5	25	0	4.538	/	Pass
10	QPSK	1715	50	0	9.086	/	Pass
		1745	50	0	9.056	/	Pass
		1775	50	0	9.087	/	Pass
	16QAM	1715	27	0	5.092	/	Pass
		1745	27	0	5.089	/	Pass
		1775	27	23	5.144	/	Pass
15	QPSK	1717.5	75	0	13.575	/	Pass
		1745	75	0	13.563	/	Pass
		1772.5	75	0	13.623	/	Pass
	16QAM	1717.5	27	0	5.372	/	Pass
		1745	27	0	5.324	/	Pass
		1772.5	27	48	5.276	/	Pass
20	QPSK	1720	100	0	18.077	/	Pass
		1745	100	0	18.105	/	Pass
		1770	100	0	18.137	/	Pass
	16QAM	1720	27	0	5.527	/	Pass
		1745	27	0	5.533	/	Pass
		1770	27	73	5.523	/	Pass

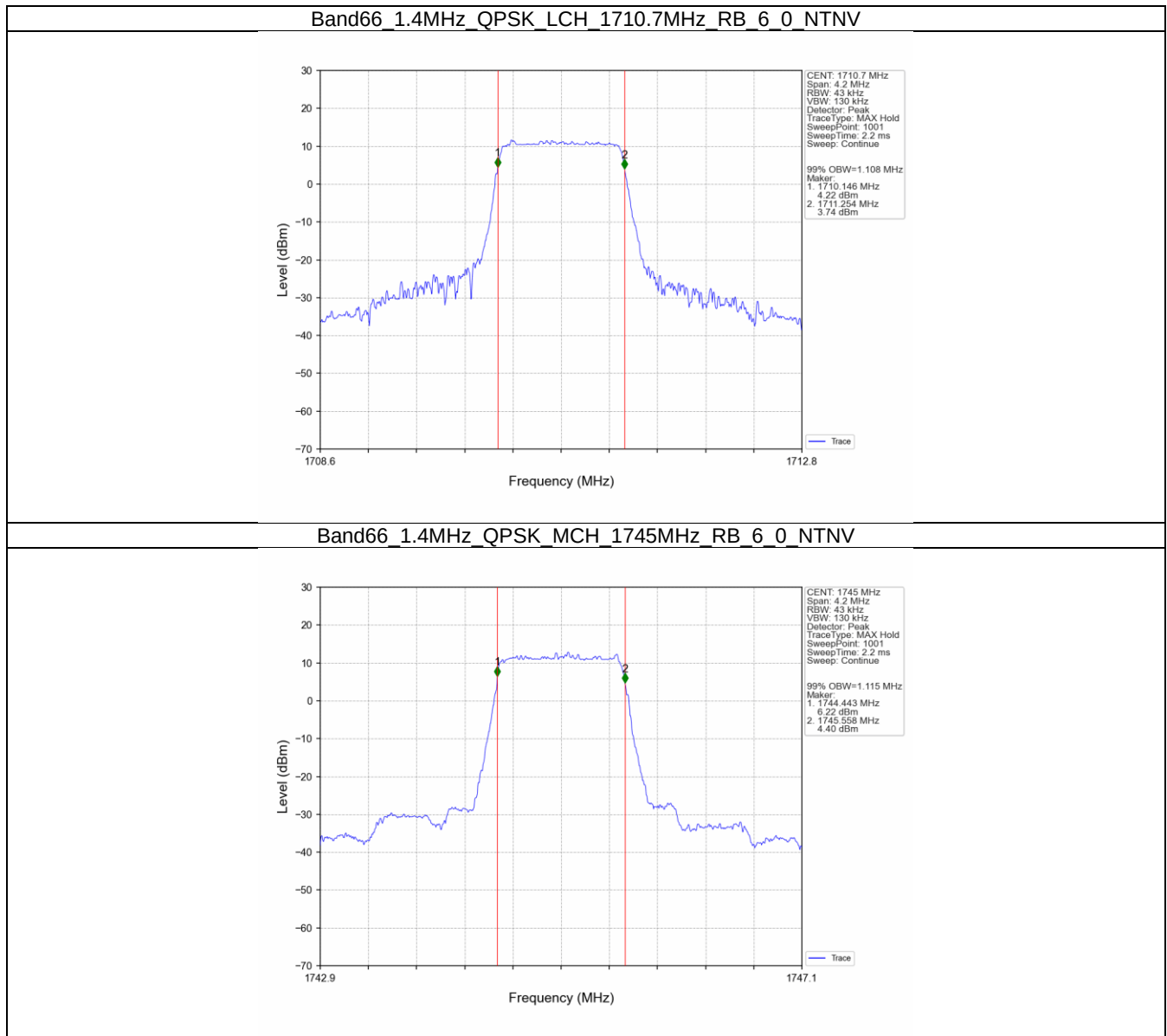
4.1.2 Band66_XDB

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	1.322	/	Pass
		1745	6	0	1.319	/	Pass
		1779.3	6	0	1.347	/	Pass

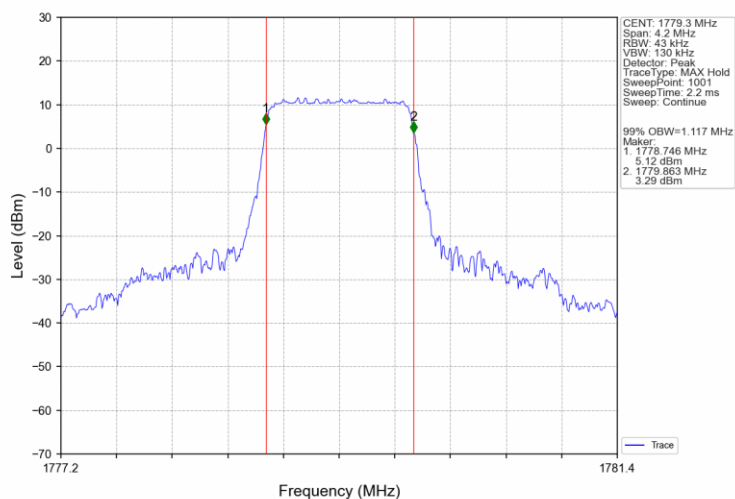
	16QAM	1710.7	6	0	1.331	/	Pass
		1745	6	0	1.326	/	Pass
		1779.3	6	0	1.301	/	Pass
3	QPSK	1711.5	15	0	3.032	/	Pass
		1745	15	0	3.002	/	Pass
		1778.5	15	0	3.007	/	Pass
	16QAM	1711.5	15	0	3.027	/	Pass
		1745	15	0	3.026	/	Pass
		1778.5	15	0	3.002	/	Pass
5	QPSK	1712.5	25	0	5.070	/	Pass
		1745	25	0	5.058	/	Pass
		1777.5	25	0	5.070	/	Pass
	16QAM	1712.5	25	0	5.050	/	Pass
		1745	25	0	5.045	/	Pass
		1777.5	25	0	5.026	/	Pass
10	QPSK	1715	50	0	9.948	/	Pass
		1745	50	0	9.957	/	Pass
		1775	50	0	9.989	/	Pass
	16QAM	1715	27	0	6.191	/	Pass
		1745	27	0	6.044	/	Pass
		1775	27	23	6.001	/	Pass
15	QPSK	1717.5	75	0	14.853	/	Pass
		1745	75	0	14.939	/	Pass
		1772.5	75	0	14.896	/	Pass
	16QAM	1717.5	27	0	6.688	/	Pass
		1745	27	0	6.616	/	Pass
		1772.5	27	48	6.530	/	Pass
20	QPSK	1720	100	0	19.772	/	Pass
		1745	100	0	19.829	/	Pass
		1770	100	0	19.701	/	Pass
	16QAM	1720	27	0	7.105	/	Pass
		1745	27	0	6.910	/	Pass
		1770	27	73	7.058	/	Pass

4.2 Test Graph

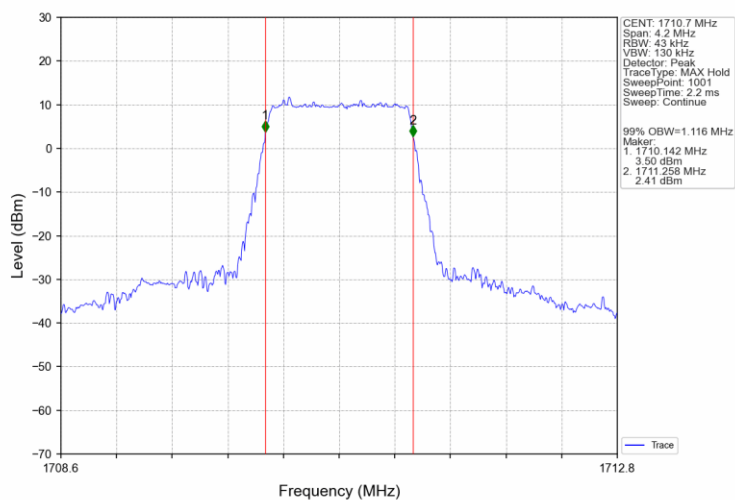
4.2.1 Band66_OBW



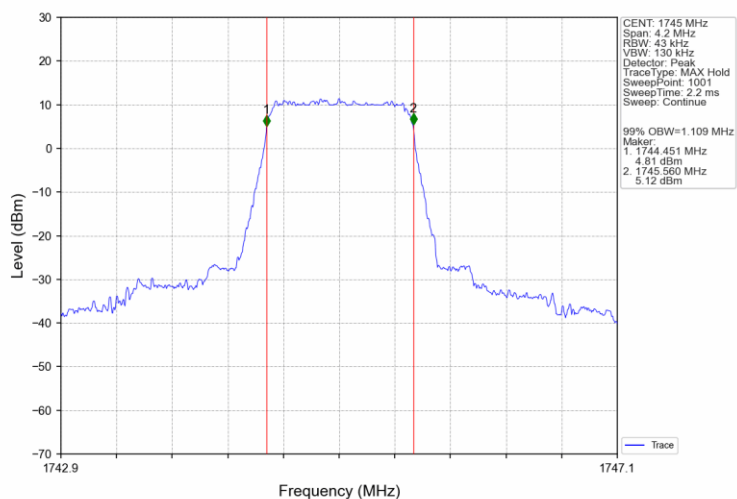
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



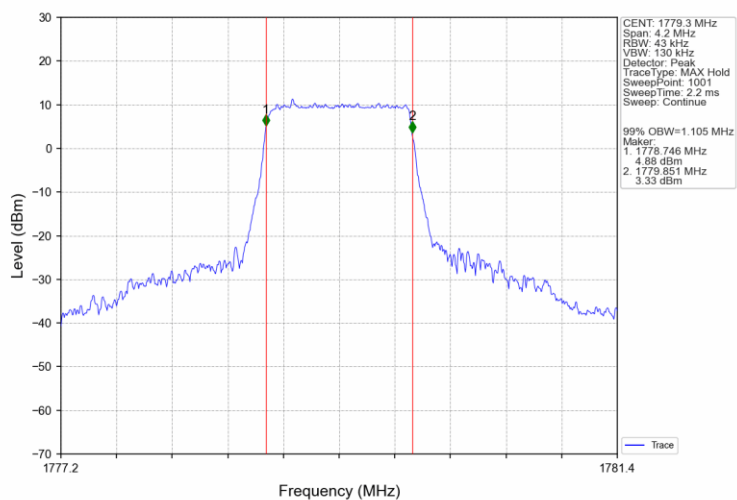
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



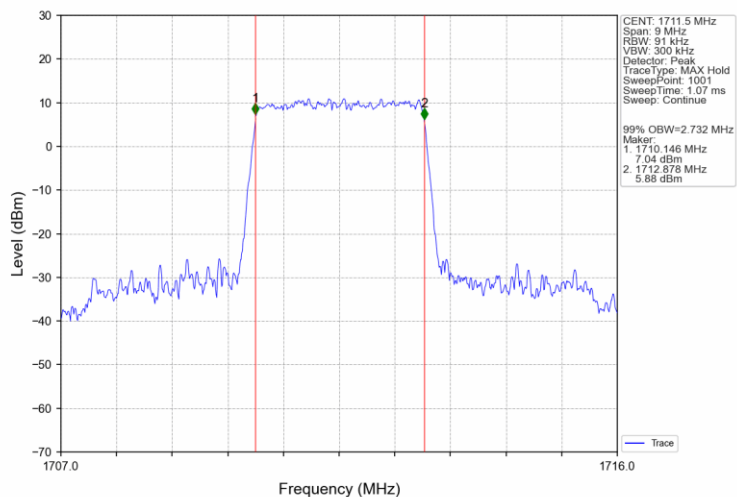
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



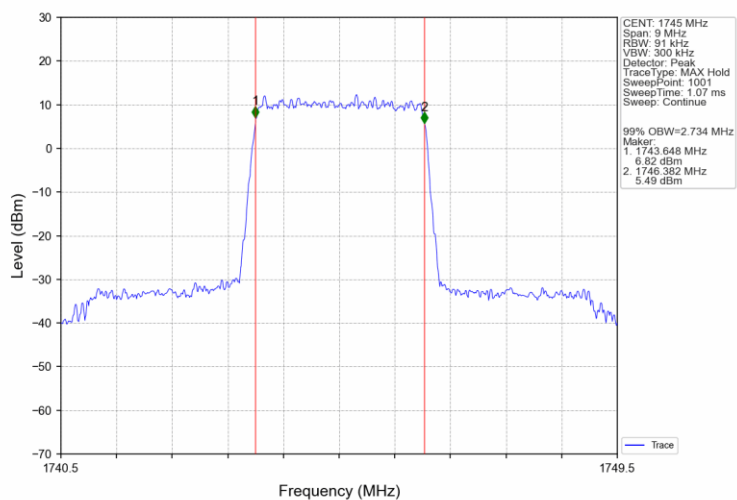
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



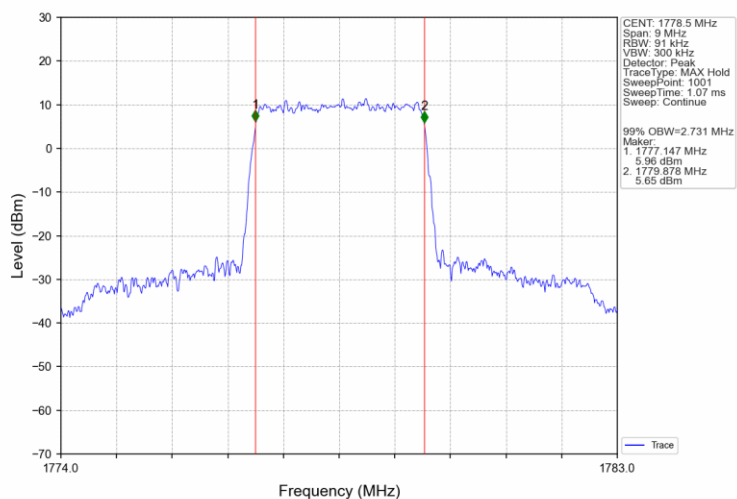
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



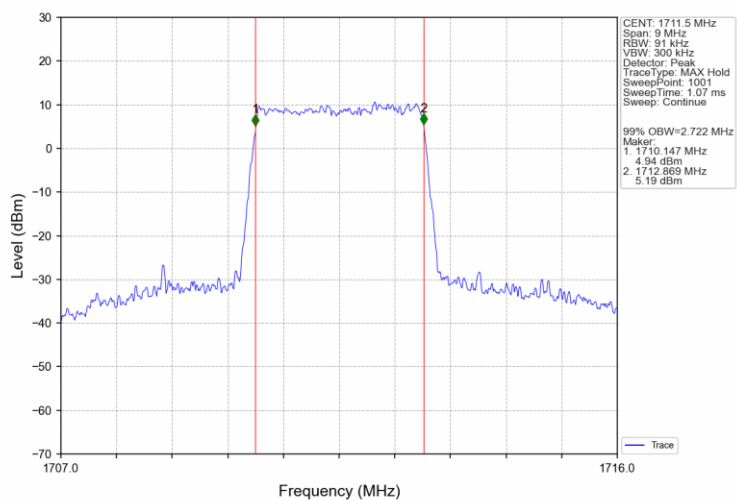
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



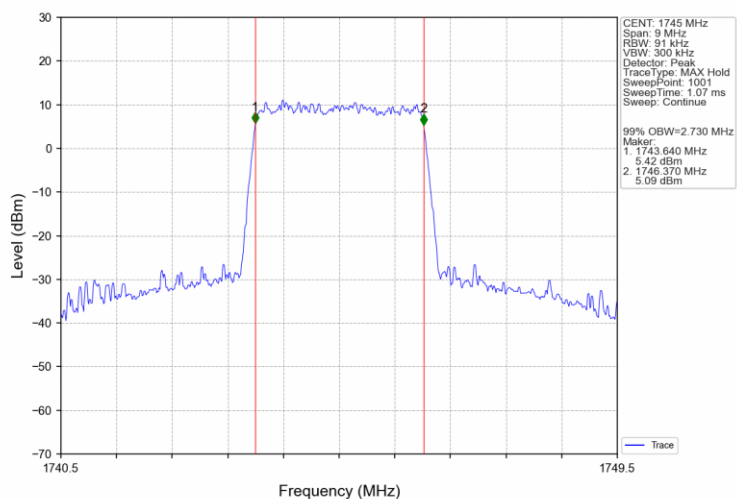
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



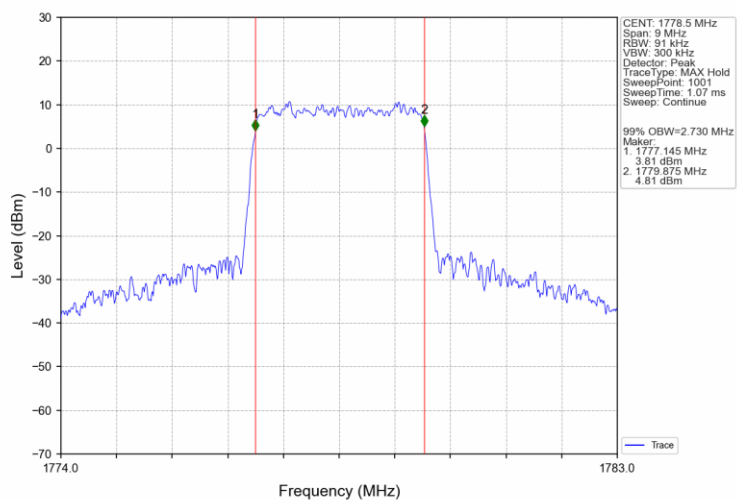
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



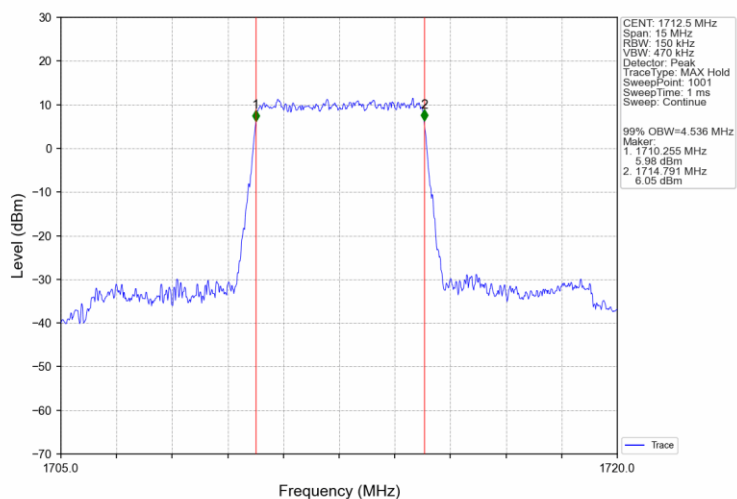
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



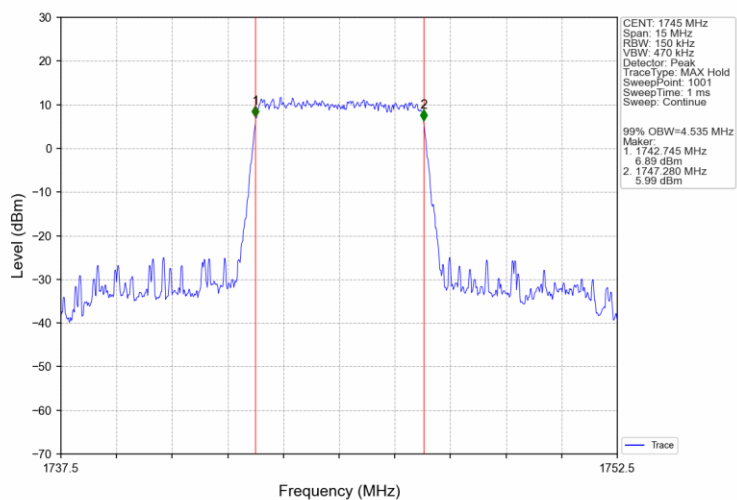
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



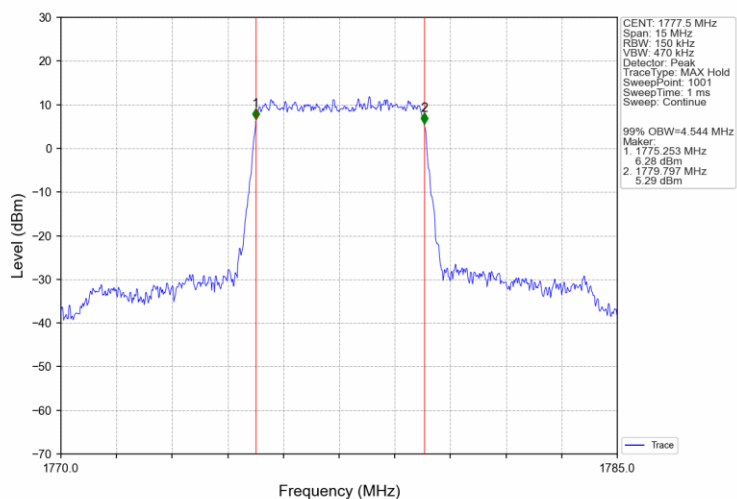
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



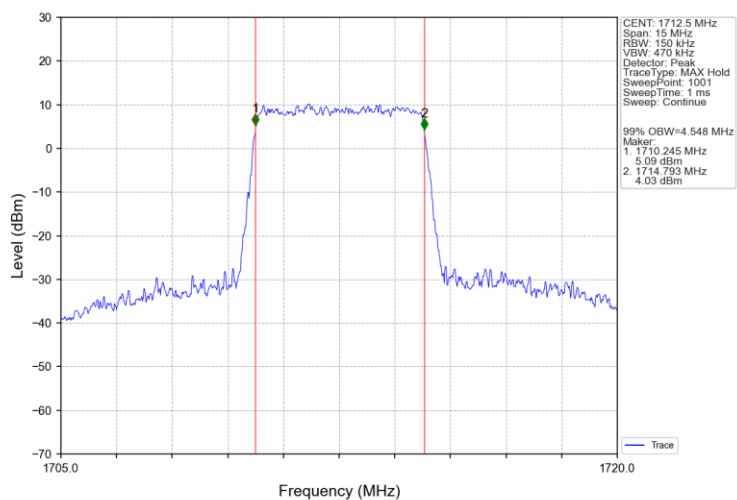
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



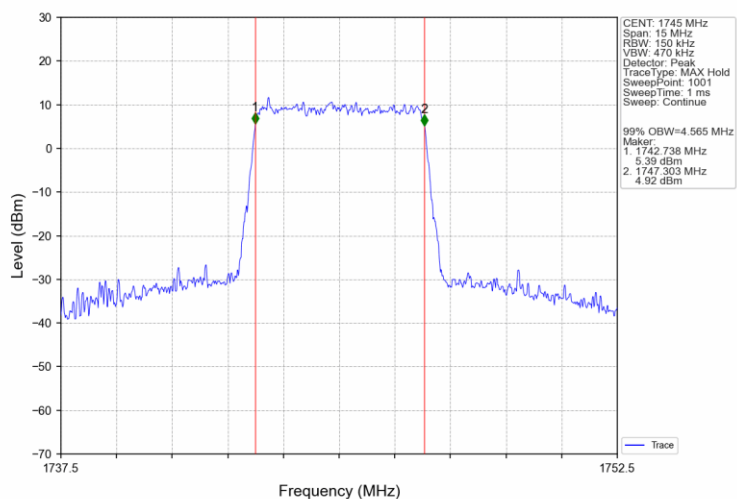
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



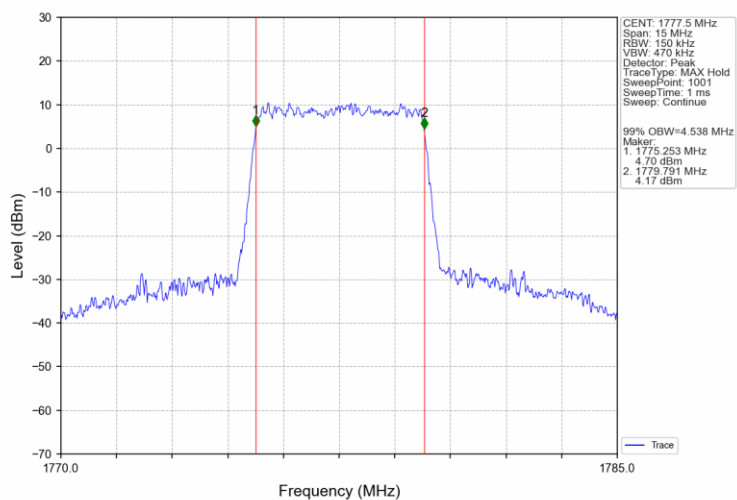
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



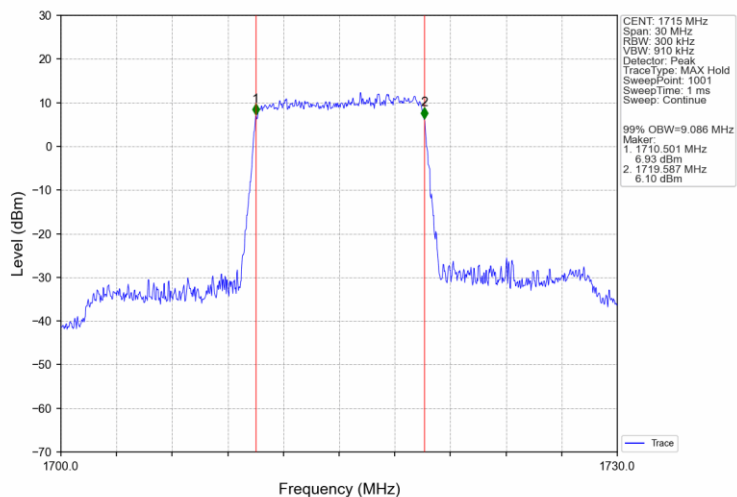
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



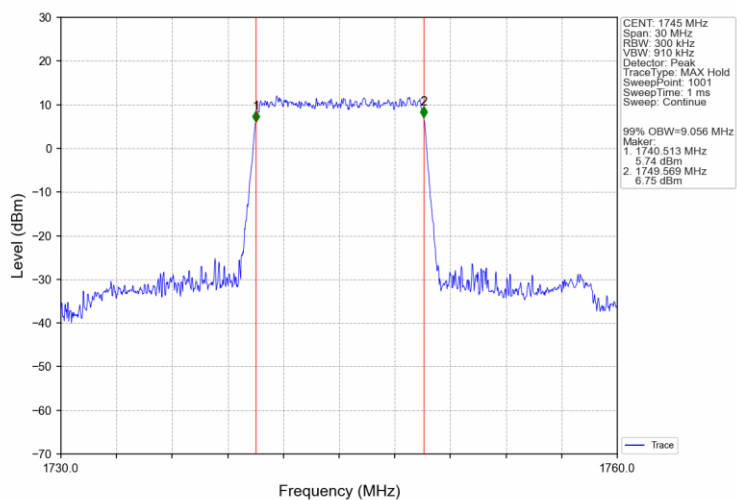
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



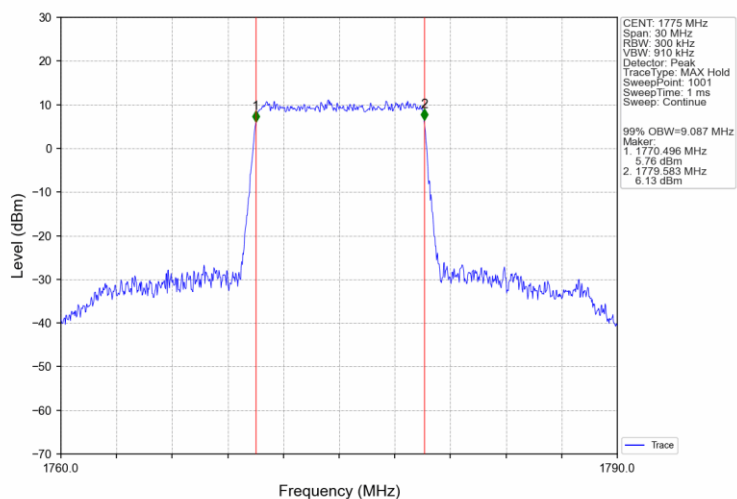
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



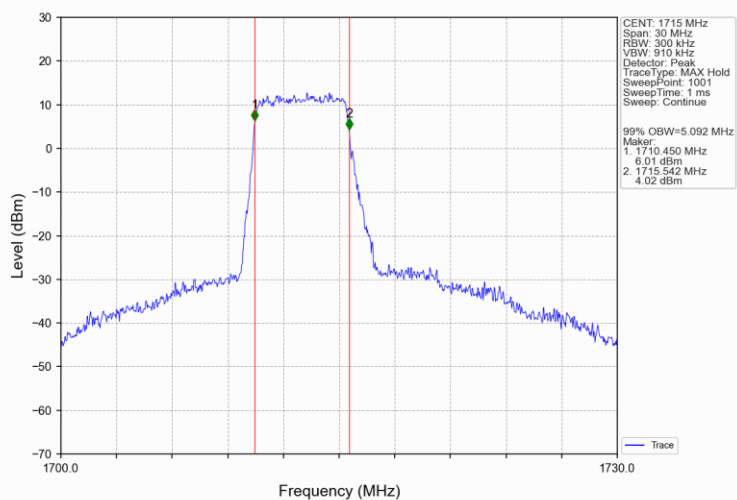
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



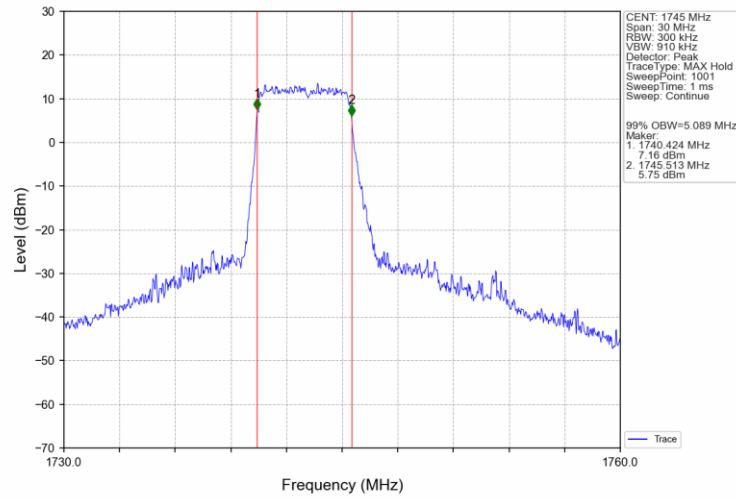
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



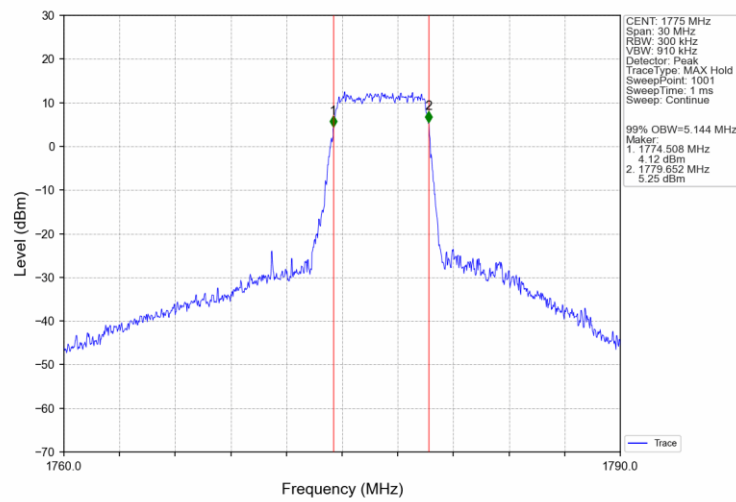
Band66 10MHz 16QAM LCH 1715MHz RB 27 0 NTV



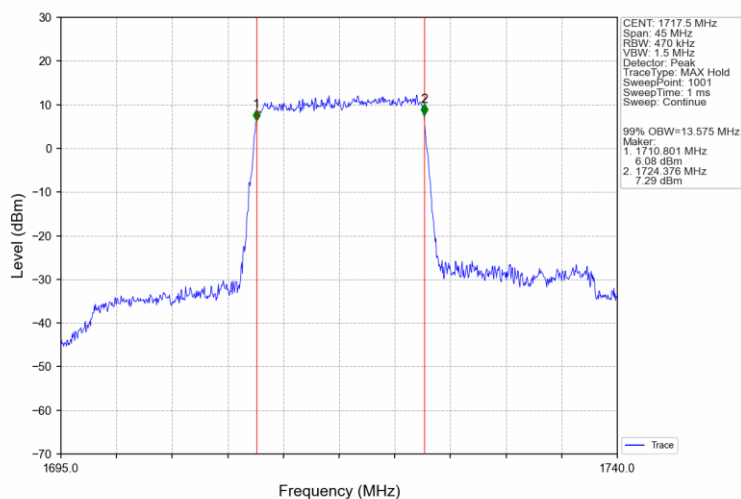
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



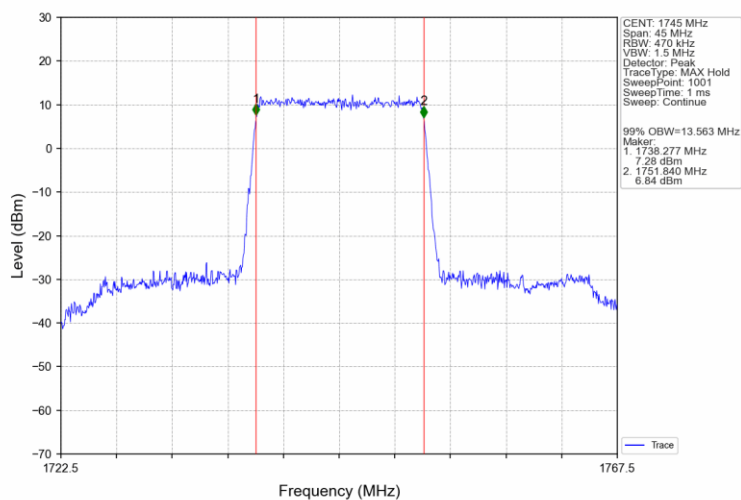
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



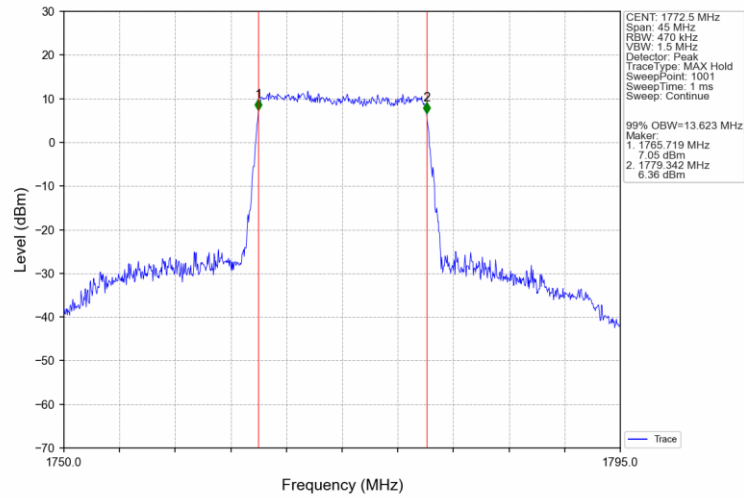
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



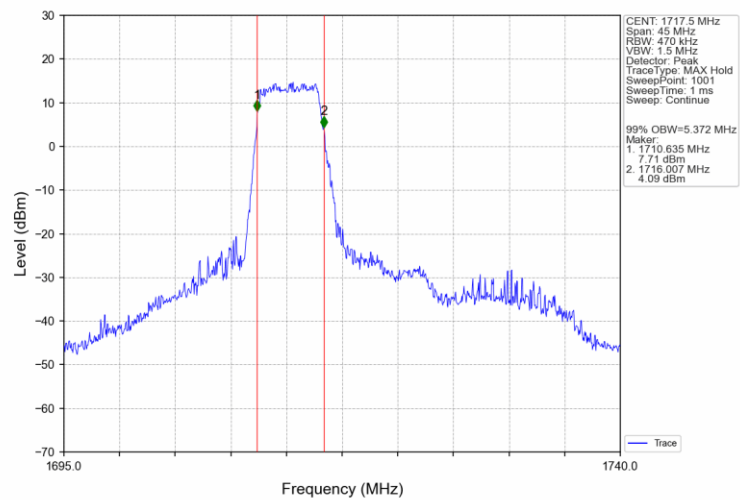
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



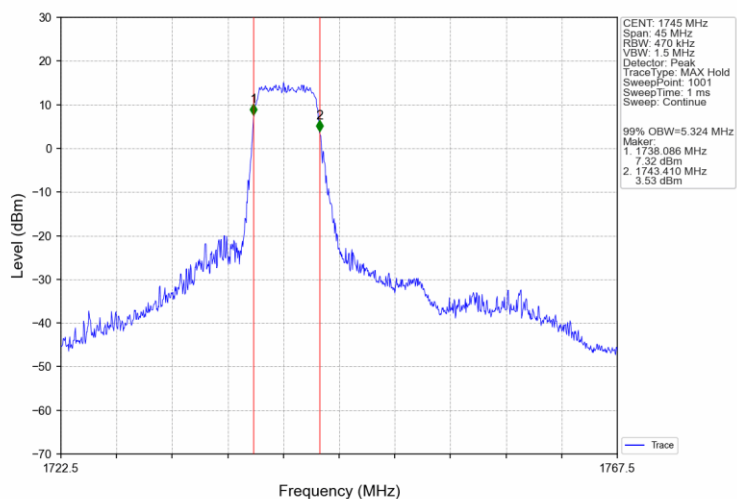
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



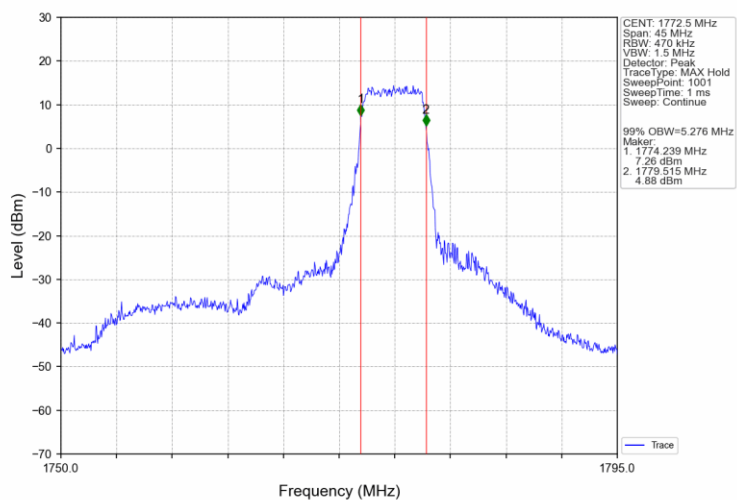
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



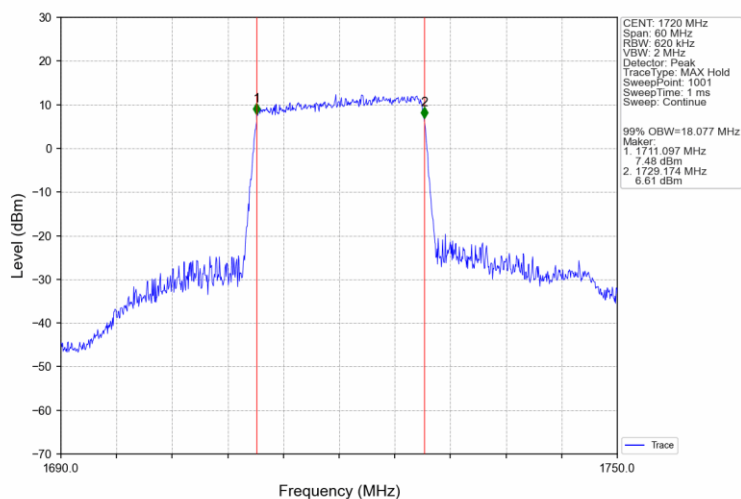
Band66 15MHz 16QAM MCH 1745MHz RB 27 0 NTNV



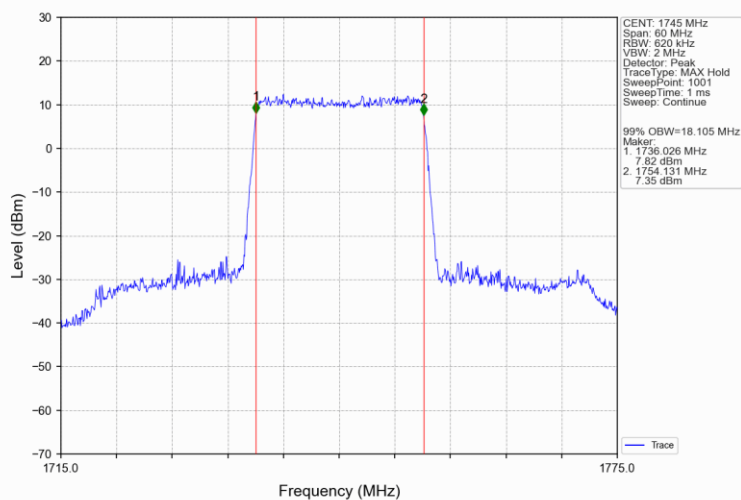
Band66 15MHz 16QAM HCH 1772.5MHz RB 27 48 NTNV



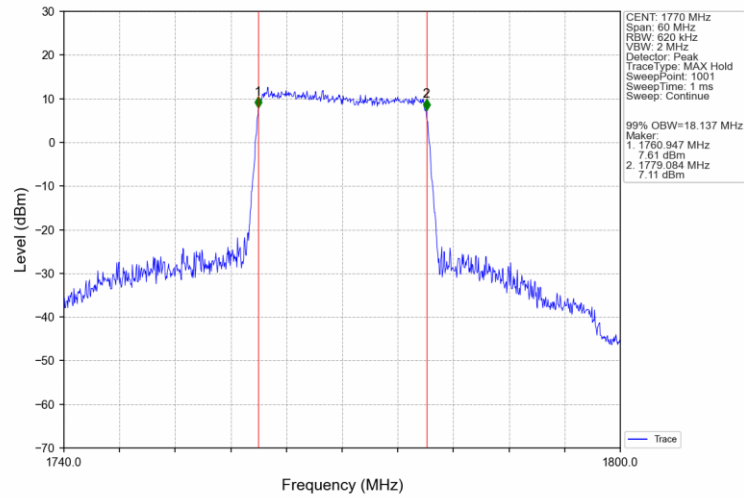
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



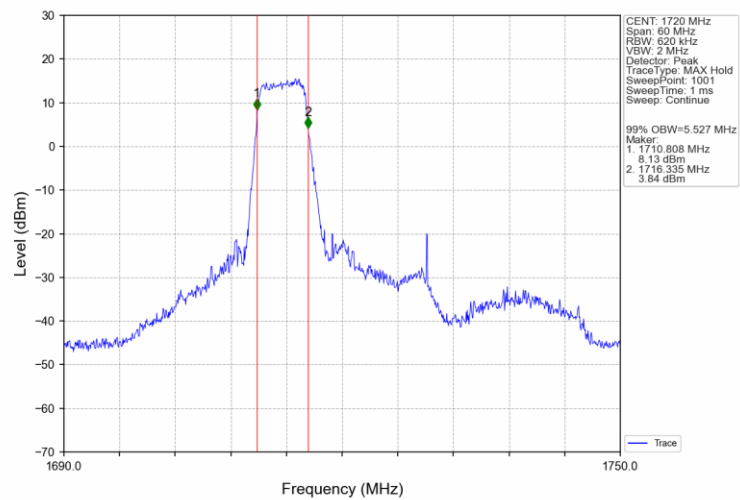
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



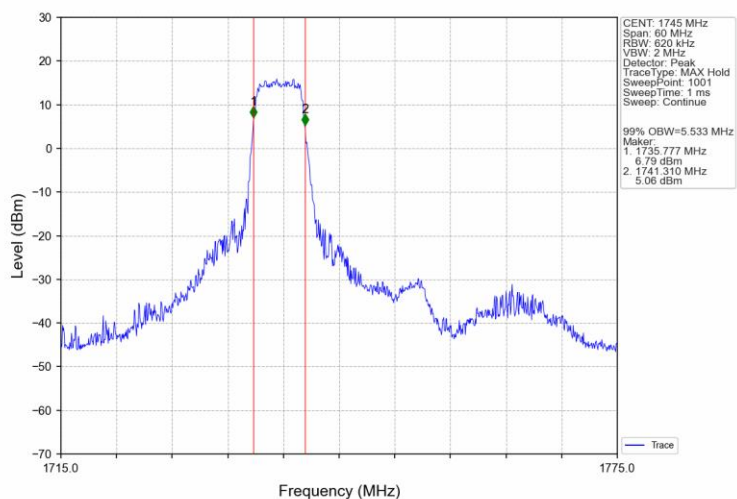
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



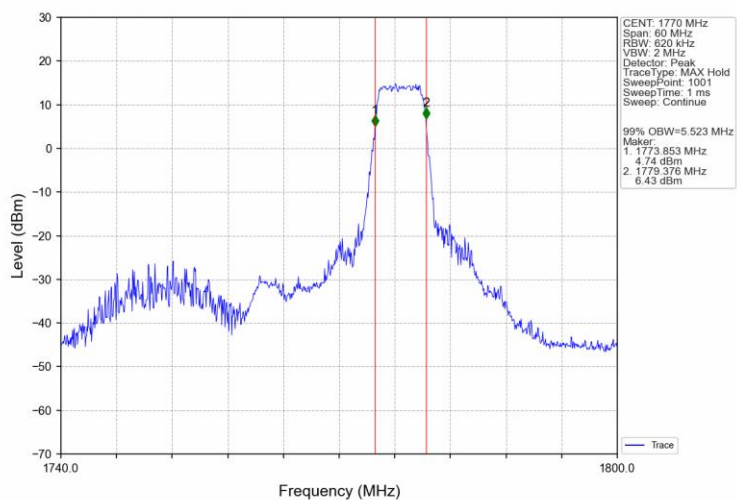
Band66 20MHz 16QAM LCH 1720MHz RB 27 0 NTNV



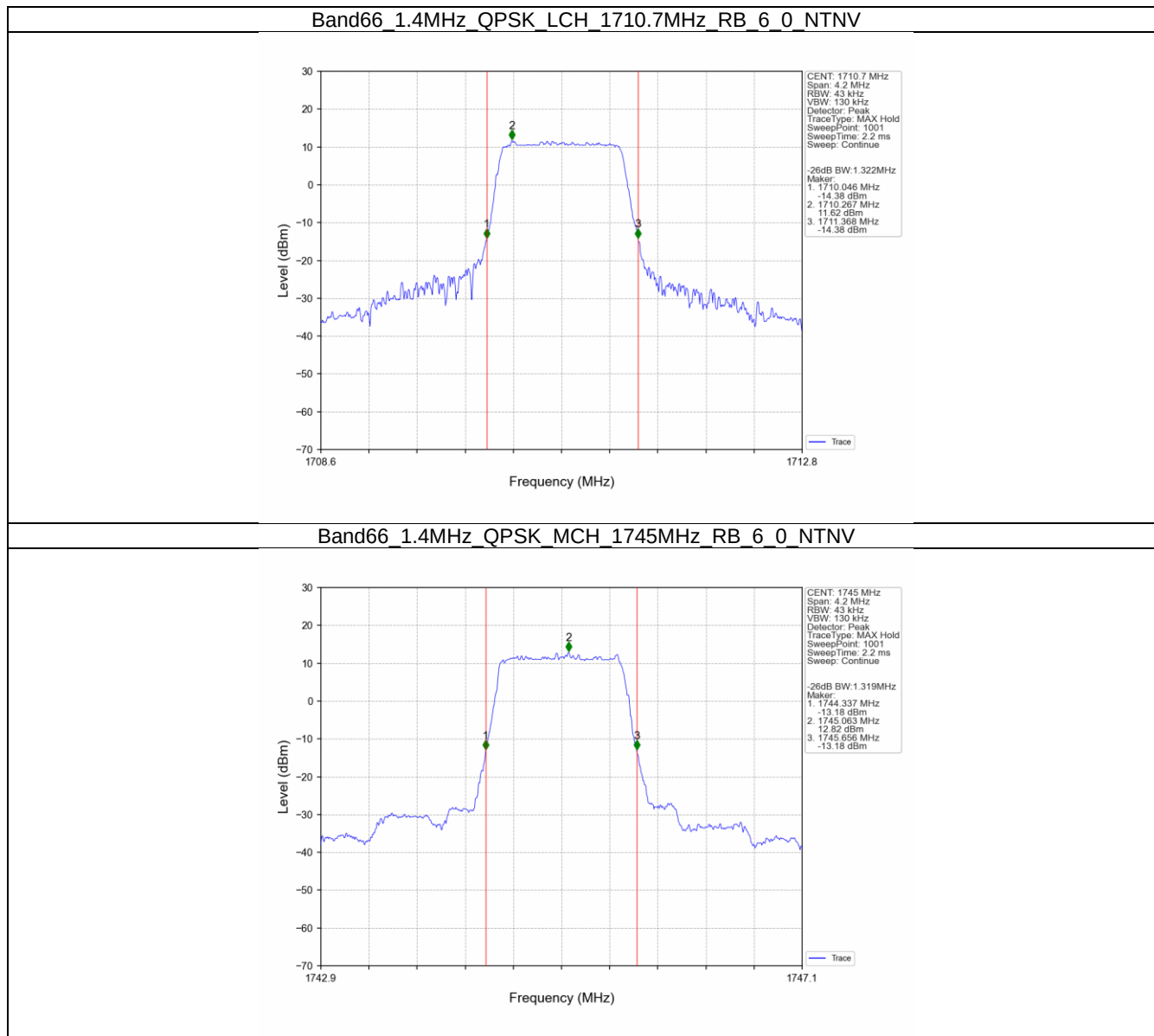
Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



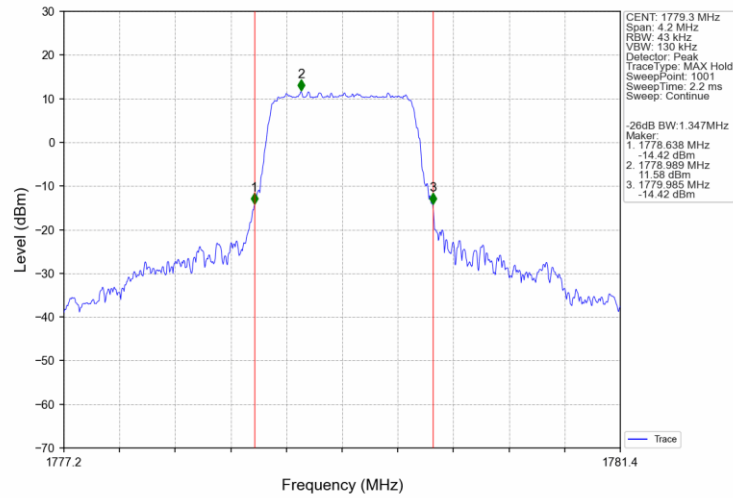
Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



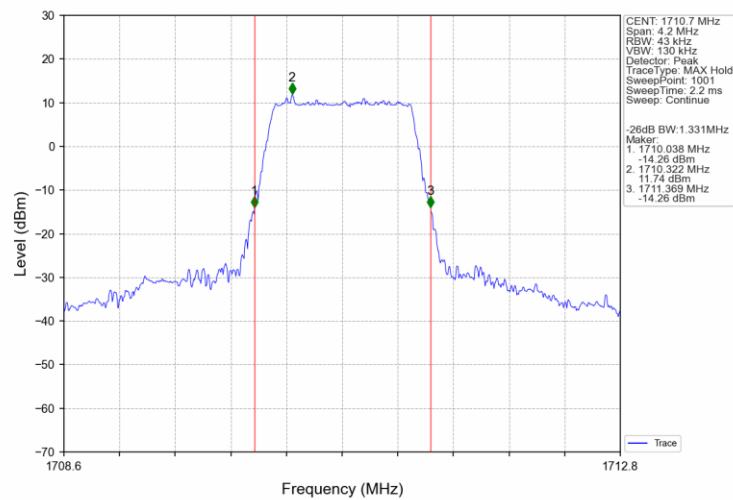
4.2.2 Band66_XDB



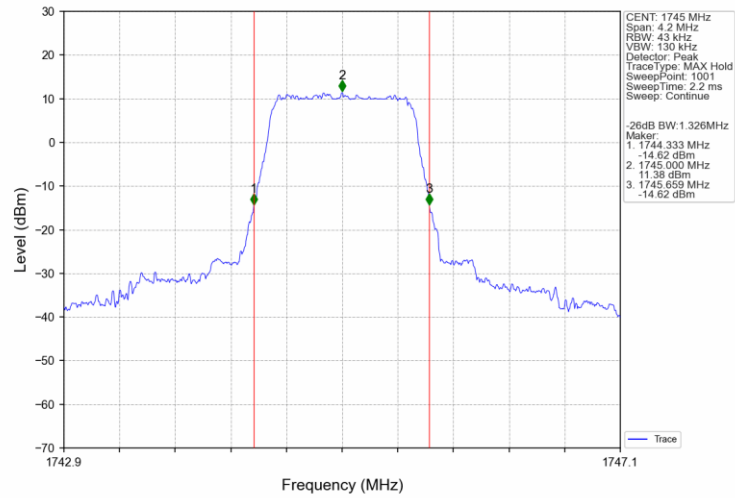
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



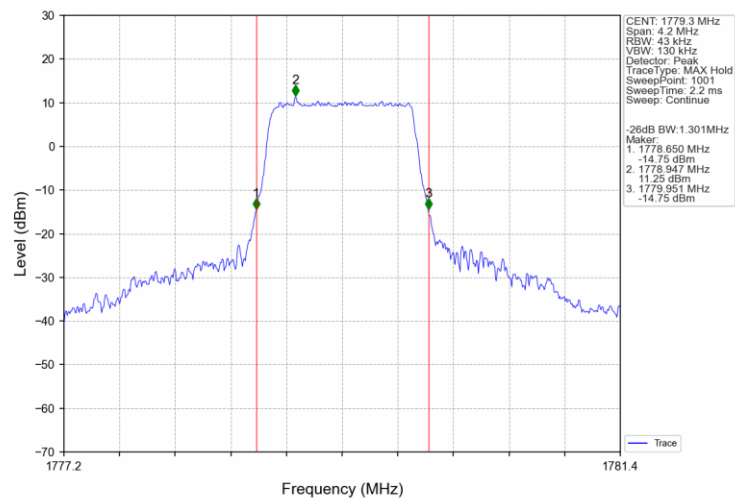
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



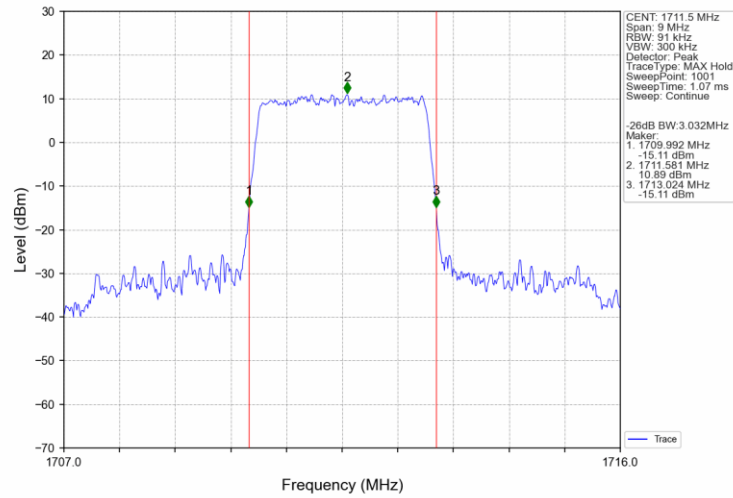
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



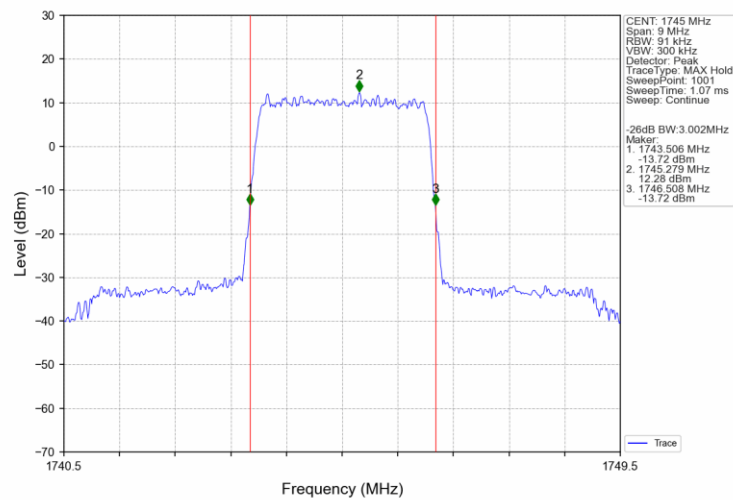
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



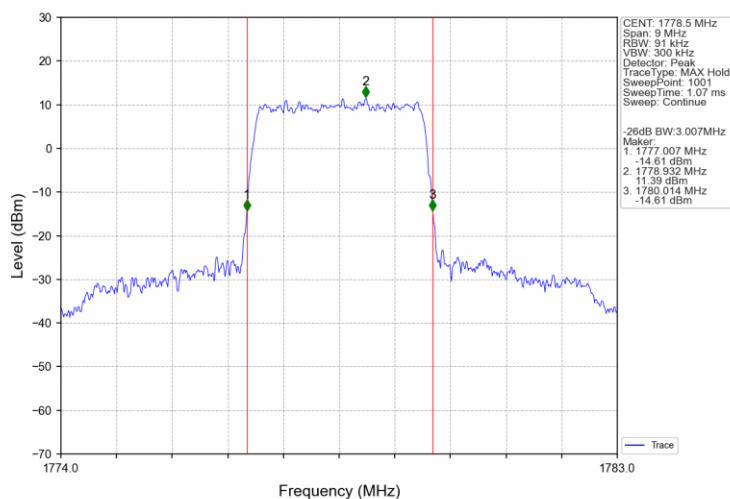
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



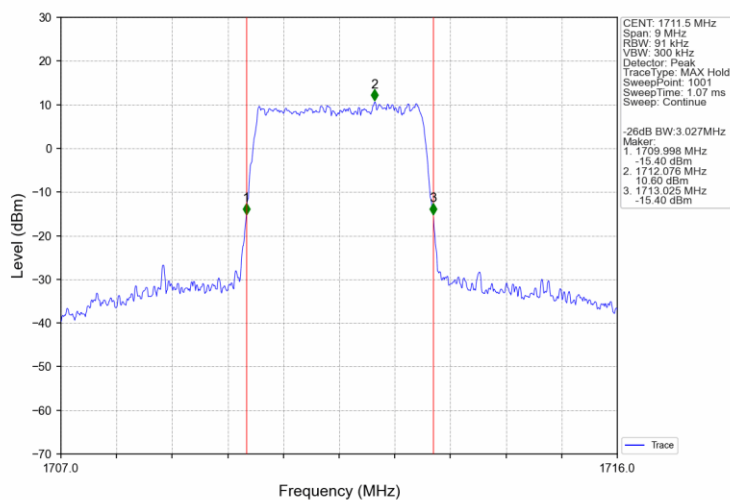
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



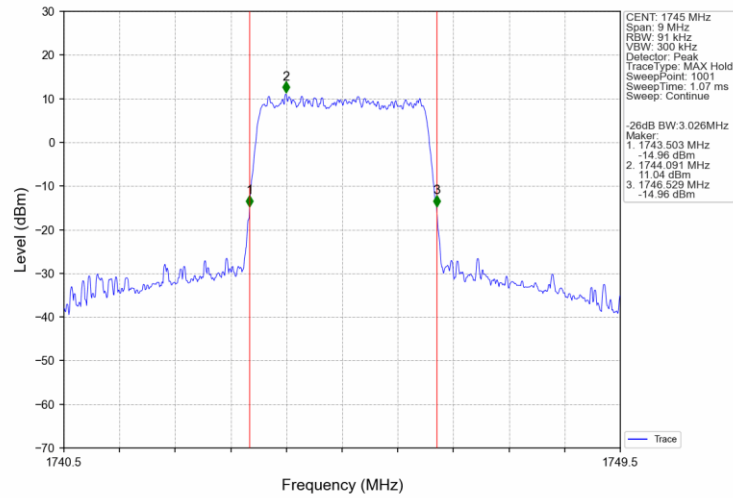
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



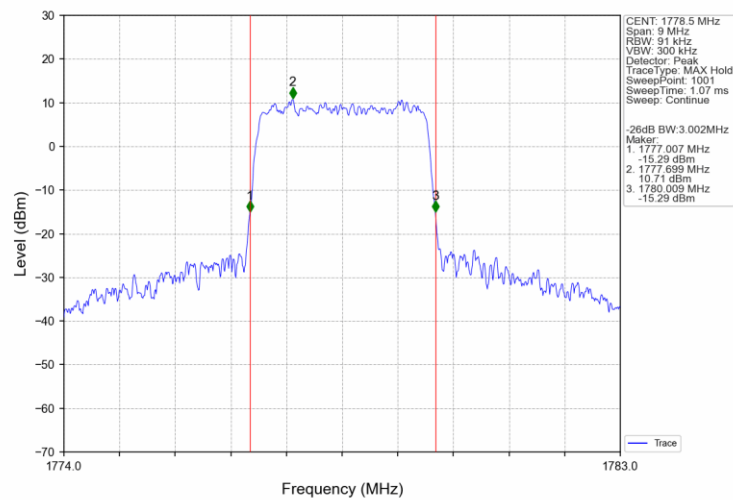
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



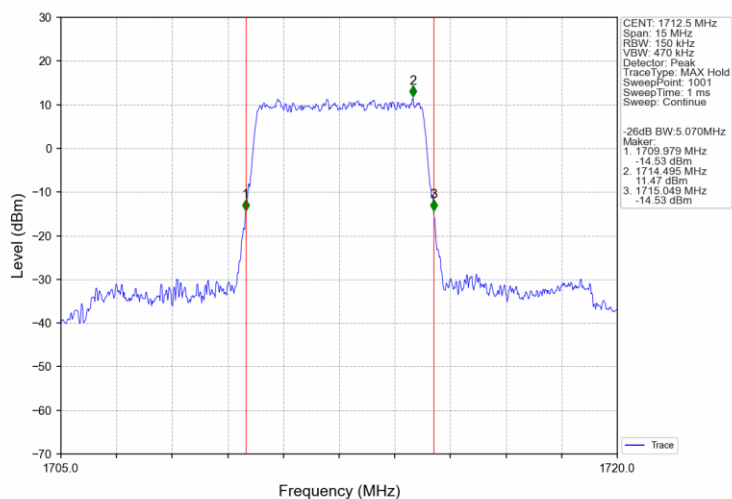
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



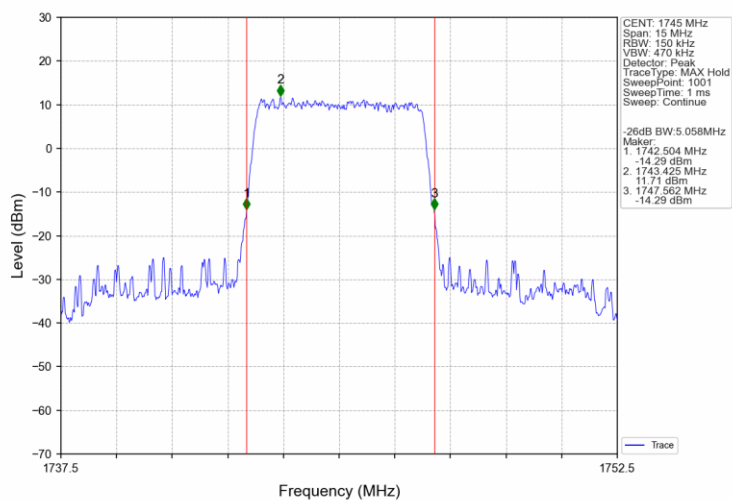
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



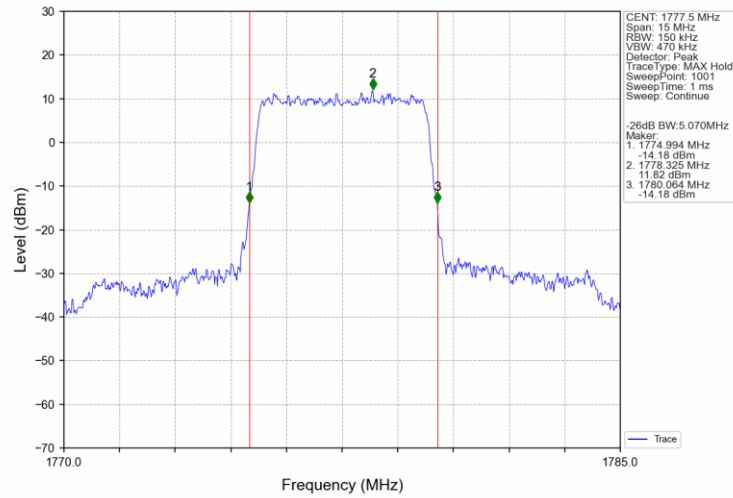
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



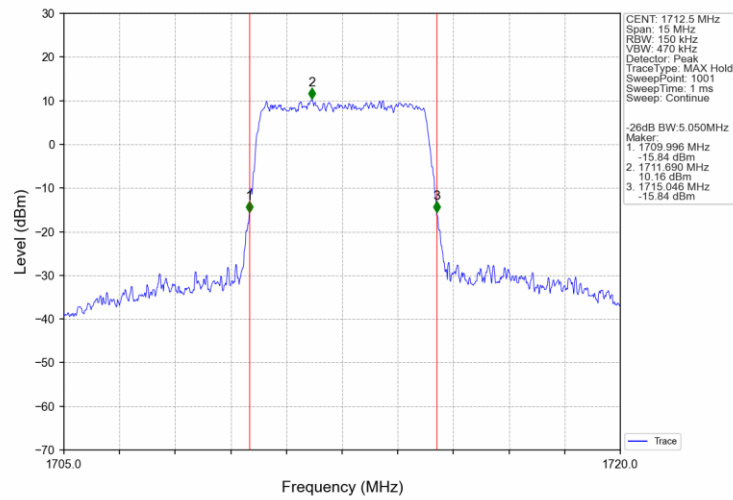
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



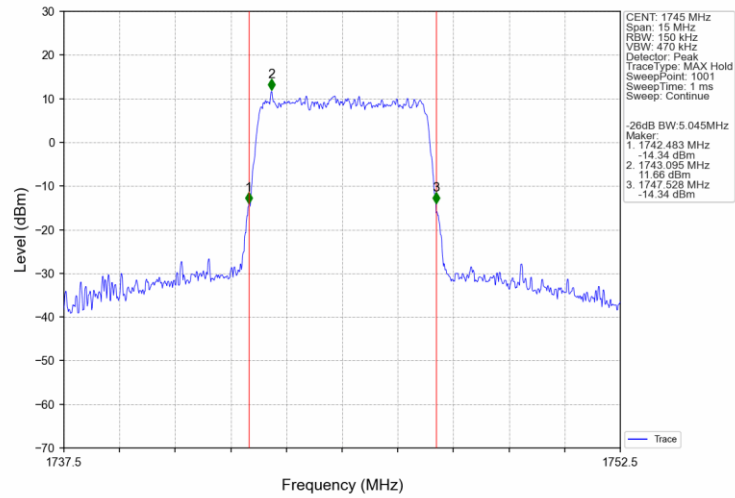
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



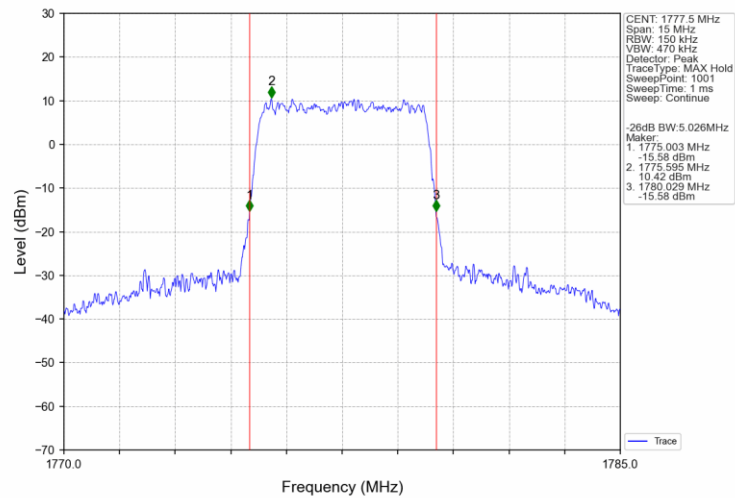
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



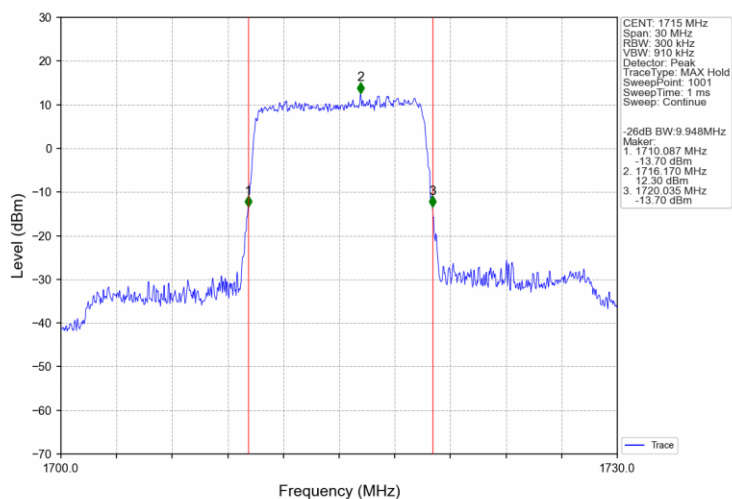
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



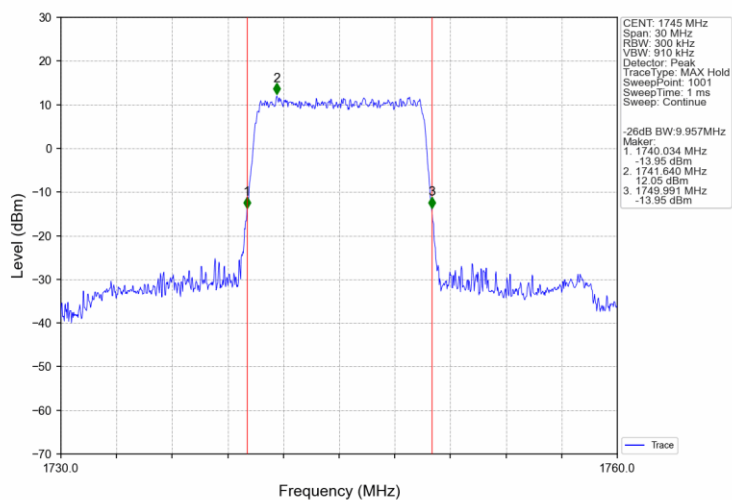
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



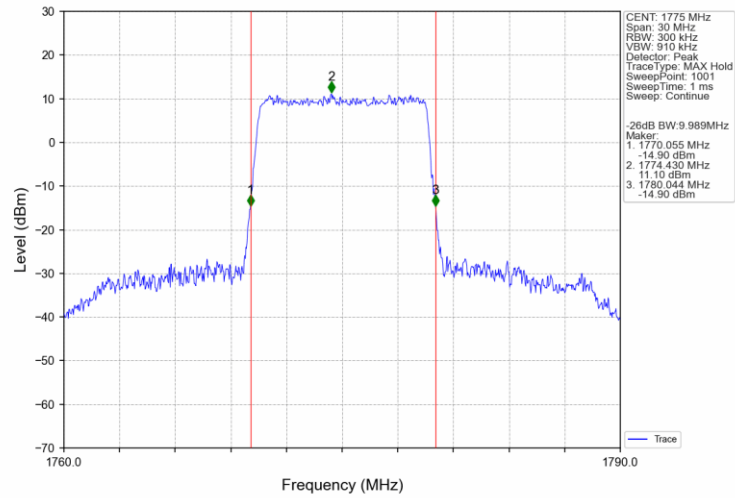
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV



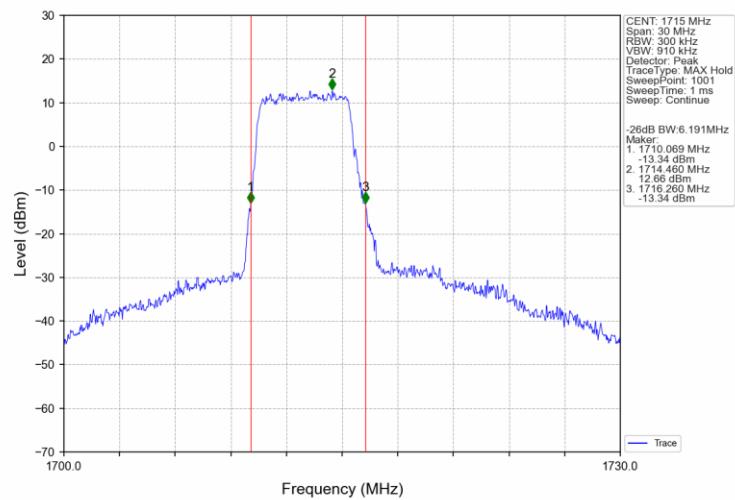
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



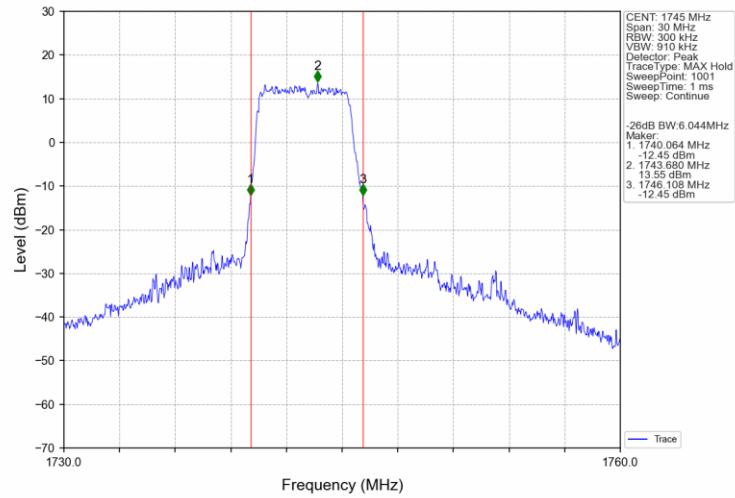
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTVN



Band66 10MHz 16QAM LCH 1715MHz RB 27 0 NTVN



Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV

