Appendix RF 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	23.34	-3.60	19.74	<=30	Pass
			2	23.45	-3.60	19.85	<=30	Pass
			5	22.81	-3.60	19.21	<=30	Pass
		3	0	22.99	-3.60	19.39	<=30	Pass
			2	22.99	-3.60	19.39	<=30	Pass
			3	23.04	-3.60	19.44	<=30	Pass
		6	0	21.93	-3.60	18.33	<=30	Pass
	1745	1	0	22.82	-3.60	19.22	<=30	Pass
			2	23.04	-3.60	19.44	<=30	Pass
			5	22.85	-3.60	19.25	<=30	Pass
		3	0	22.90	-3.60	19.30	<=30	Pass
			2	22.84	-3.60	19.24	<=30	Pass
			3	22.90	-3.60	19.30	<=30	Pass
		6	0	21.88	-3.60	18.28	<=30	Pass
	1779.3	1	0	23.17	-3.60	19.57	<=30	Pass
			2	23.39	-3.60	19.79	<=30	Pass
			5	23.14	-3.60	19.54	<=30	Pass
		3	0	23.21	-3.60	19.61	<=30	Pass
			2	23.20	-3.60	19.60	<=30	Pass
			3	23.21	-3.60	19.61	<=30	Pass
		6	0	22.22	-3.60	18.62	<=30	Pass
16QAM	1710.7	1	0	21.83	-3.60	18.23	<=30	Pass
			2	22.05	-3.60	18.45	<=30	Pass
			5	21.83	-3.60	18.23	<=30	Pass
		3	0	22.04	-3.60	18.44	<=30	Pass
			2	22.03	-3.60	18.43	<=30	Pass
			3	22.02	-3.60	18.42	<=30	Pass
		6	0	20.98	-3.60	17.38	<=30	Pass
	1745	1	0	22.12	-3.60	18.52	<=30	Pass
			2	22.36	-3.60	18.76	<=30	Pass
			5	22.09	-3.60	18.49	<=30	Pass
		3	0	21.87	-3.60	18.27	<=30	Pass
			2	21.85	-3.60	18.25	<=30	Pass
			3	21.88	-3.60	18.28	<=30	Pass
		6	0	20.87	-3.60	17.27	<=30	Pass
	1779.3	1	0	22.02	-3.60	18.42	<=30	Pass
			2	22.21	-3.60	18.61	<=30	Pass
			5	22.03	-3.60	18.43	<=30	Pass
		3	0	22.04	-3.60	18.44	<=30	Pass
			2	22.03	-3.60	18.43	<=30	Pass
			3	22.06	-3.60	18.46	<=30	Pass
		6	0	21.20	-3.60	17.60	<=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	23.42	-3.60	19.82	<=30	Pass
			7	22.95	-3.60	19.35	<=30	Pass
			14	22.86	-3.60	19.26	<=30	Pass
		8	0	21.90	-3.60	18.30	<=30	Pass
			4	21.92	-3.60	18.32	<=30	Pass
			7	21.88	-3.60	18.28	<=30	Pass
		15	0	21.86	-3.60	18.26	<=30	Pass
	1745	1	0	22.93	-3.60	19.33	<=30	Pass
			7	22.80	-3.60	19.20	<=30	Pass
			14	22.92	-3.60	19.32	<=30	Pass
		8	0	21.86	-3.60	18.26	<=30	Pass
			4	21.88	-3.60	18.28	<=30	Pass
			7	21.85	-3.60	18.25	<=30	Pass
		15	0	21.80	-3.60	18.20	<=30	Pass
	1778.5	1	0	23.25	-3.60	19.65	<=30	Pass
			7	23.13	-3.60	19.53	<=30	Pass
			14	23.25	-3.60	19.65	<=30	Pass
		8	0	22.14	-3.60	18.54	<=30	Pass
			4	22.18	-3.60	18.58	<=30	Pass
			7	22.12	-3.60	18.52	<=30	Pass
		15	0	22.10	-3.60	18.50	<=30	Pass
16QAM	1711.5	1	0	21.89	-3.60	18.29	<=30	Pass
			7	21.73	-3.60	18.13	<=30	Pass
			14	21.86	-3.60	18.26	<=30	Pass
		8	0	20.89	-3.60	17.29	<=30	Pass
			4	20.92	-3.60	17.32	<=30	Pass
			7	20.88	-3.60	17.28	<=30	Pass
		15	0	20.84	-3.60	17.24	<=30	Pass
	1745	1	0	22.17	-3.60	18.57	<=30	Pass
			7	22.03	-3.60	18.43	<=30	Pass
			14	22.20	-3.60	18.60	<=30	Pass
		8	0	20.91	-3.60	17.31	<=30	Pass
			4	20.93	-3.60	17.33	<=30	Pass
			7	20.87	-3.60	17.27	<=30	Pass
		15	0	20.87	-3.60	17.27	<=30	Pass
	1778.5	1	0	22.10	-3.60	18.50	<=30	Pass
			7	21.95	-3.60	18.35	<=30	Pass
			14	22.10	-3.60	18.50	<=30	Pass
		8	0	21.14	-3.60	17.54	<=30	Pass
			4	21.14	-3.60	17.54	<=30	Pass
			7	21.09	-3.60	17.49	<=30	Pass
		15	0	21.16	-3.60	17.56	<=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	22.80	-3.60	19.20	<=30	Pass
			13	22.88	-3.60	19.28	<=30	Pass
			24	22.83	-3.60	19.23	<=30	Pass
		12	0	21.87	-3.60	18.27	<=30	Pass
			6	21.92	-3.60	18.32	<=30	Pass
			13	21.89	-3.60	18.29	<=30	Pass
		25	0	21.87	-3.60	18.27	<=30	Pass
	1745	1	0	22.79	-3.60	19.19	<=30	Pass
			13	22.86	-3.60	19.26	<=30	Pass

			24	22.80	-3.60	19.20	<=30	Pass
		12	0	21.81	-3.60	18.21	<=30	Pass
			6	21.86	-3.60	18.26	<=30	Pass
			13	21.84	-3.60	18.24	<=30	Pass
		25	0	21.84	-3.60	18.24	<=30	Pass
	1777.5	1	0	23.01	-3.60	19.41	<=30	Pass
			13	23.12	-3.60	19.52	<=30	Pass
			24	23.03	-3.60	19.43	<=30	Pass
		12	0	22.13	-3.60	18.53	<=30	Pass
			6	22.14	-3.60	18.54	<=30	Pass
			13	22.08	-3.60	18.48	<=30	Pass
		25	0	22.10	-3.60	18.50	<=30	Pass
16QAM	1712.5	1	0	21.73	-3.60	18.13	<=30	Pass
			13	21.79	-3.60	18.19	<=30	Pass
			24	21.71	-3.60	18.11	<=30	Pass
		12	0	20.93	-3.60	17.33	<=30	Pass
			6	21.01	-3.60	17.41	<=30	Pass
			13	20.96	-3.60	17.36	<=30	Pass
		25	0	21.01	-3.60	17.41	<=30	Pass
	1745	1	0	22.15	-3.60	18.55	<=30	Pass
			13	22.19	-3.60	18.59	<=30	Pass
			24	22.12	-3.60	18.52	<=30	Pass
		12	0	20.81	-3.60	17.21	<=30	Pass
			6	20.87	-3.60	17.27	<=30	Pass
			13	20.86	-3.60	17.26	<=30	Pass
		25	0	20.85	-3.60	17.25	<=30	Pass
	1777.5	1	0	22.09	-3.60	18.49	<=30	Pass
			13	22.16	-3.60	18.56	<=30	Pass
			24	22.10	-3.60	18.50	<=30	Pass
		12	0	21.14	-3.60	17.54	<=30	Pass
			6	21.15	-3.60	17.55	<=30	Pass
			13	21.06	-3.60	17.46	<=30	Pass
		25	0	21.09	-3.60	17.49	<=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	22.87	-3.60	19.27	<=30	Pass
			25	22.97	-3.60	19.37	<=30	Pass
			49	22.88	-3.60	19.28	<=30	Pass
		25	0	21.91	-3.60	18.31	<=30	Pass
			13	21.94	-3.60	18.34	<=30	Pass
			25	21.99	-3.60	18.39	<=30	Pass
		50	0	21.95	-3.60	18.35	<=30	Pass
	1745	1	0	22.92	-3.60	19.32	<=30	Pass
			25	23.03	-3.60	19.43	<=30	Pass
			49	22.95	-3.60	19.35	<=30	Pass
		25	0	21.87	-3.60	18.27	<=30	Pass
			13	21.89	-3.60	18.29	<=30	Pass
			25	21.90	-3.60	18.30	<=30	Pass
		50	0	21.90	-3.60	18.30	<=30	Pass
	1775	1	0	23.11	-3.60	19.51	<=30	Pass
			25	23.27	-3.60	19.67	<=30	Pass
			49	23.23	-3.60	19.63	<=30	Pass
		25	0	22.11	-3.60	18.51	<=30	Pass

			13	22.13	-3.60	18.53	<=30	Pass
			25	22.14	-3.60	18.54	<=30	Pass
		50	0	22.12	-3.60	18.52	<=30	Pass
16QAM	1715	1	0	21.90	-3.60	18.30	<=30	Pass
			25	21.91	-3.60	18.31	<=30	Pass
			49	21.86	-3.60	18.26	<=30	Pass
		25	0	21.02	-3.60	17.42	<=30	Pass
			13	21.03	-3.60	17.43	<=30	Pass
			25	21.06	-3.60	17.46	<=30	Pass
		50	0	20.99	-3.60	17.39	<=30	Pass
	1745	1	0	22.24	-3.60	18.64	<=30	Pass
			25	22.27	-3.60	18.67	<=30	Pass
			49	22.20	-3.60	18.60	<=30	Pass
		25	0	20.95	-3.60	17.35	<=30	Pass
			13	20.93	-3.60	17.33	<=30	Pass
			25	20.95	-3.60	17.35	<=30	Pass
		50	0	20.93	-3.60	17.33	<=30	Pass
	1775	1	0	21.97	-3.60	18.37	<=30	Pass
			25	22.12	-3.60	18.52	<=30	Pass
			49	22.07	-3.60	18.47	<=30	Pass
		25	0	21.22	-3.60	17.62	<=30	Pass
			13	21.24	-3.60	17.64	<=30	Pass
			25	21.23	-3.60	17.63	<=30	Pass
		50	0	21.15	-3.60	17.55	<=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	22.90	-3.60	19.30	<=30	Pass
			38	23.02	-3.60	19.42	<=30	Pass
			74	22.88	-3.60	19.28	<=30	Pass
		36	0	21.94	-3.60	18.34	<=30	Pass
			18	22.04	-3.60	18.44	<=30	Pass
			39	22.01	-3.60	18.41	<=30	Pass
		75	0	21.99	-3.60	18.39	<=30	Pass
	1745	1	0	22.71	-3.60	19.11	<=30	Pass
			38	22.87	-3.60	19.27	<=30	Pass
			74	22.75	-3.60	19.15	<=30	Pass
		36	0	21.93	-3.60	18.33	<=30	Pass
			18	21.98	-3.60	18.38	<=30	Pass
			39	22.04	-3.60	18.44	<=30	Pass
		75	0	21.95	-3.60	18.35	<=30	Pass
	1772.5	1	0	22.96	-3.60	19.36	<=30	Pass
			38	23.16	-3.60	19.56	<=30	Pass
			74	23.10	-3.60	19.50	<=30	Pass
		36	0	22.07	-3.60	18.47	<=30	Pass
			18	22.17	-3.60	18.57	<=30	Pass
			39	22.27	-3.60	18.67	<=30	Pass
		75	0	22.20	-3.60	18.60	<=30	Pass
16QAM	1717.5	1	0	21.76	-3.60	18.16	<=30	Pass
			38	21.83	-3.60	18.23	<=30	Pass
			74	21.77	-3.60	18.17	<=30	Pass
		36	0	20.93	-3.60	17.33	<=30	Pass
			18	20.98	-3.60	17.38	<=30	Pass
			39	20.96	-3.60	17.36	<=30	Pass

		75	0	20.96	-3.60	17.36	<=30	Pass
	1745	1	0	21.80	-3.60	18.20	<=30	Pass
			38	21.85	-3.60	18.25	<=30	Pass
			74	21.71	-3.60	18.11	<=30	Pass
		36	0	20.88	-3.60	17.28	<=30	Pass
			18	20.92	-3.60	17.32	<=30	Pass
			39	20.93	-3.60	17.33	<=30	Pass
		75	0	20.93	-3.60	17.33	<=30	Pass
	1772.5	1	0	21.89	-3.60	18.29	<=30	Pass
			38	22.06	-3.60	18.46	<=30	Pass
			74	21.97	-3.60	18.37	<=30	Pass
		36	0	21.06	-3.60	17.46	<=30	Pass
			18	21.15	-3.60	17.55	<=30	Pass
			39	21.21	-3.60	17.61	<=30	Pass
		75	0	21.16	-3.60	17.56	<=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	22.63	-3.60	19.03	<=30	Pass
			50	22.99	-3.60	19.39	<=30	Pass
			99	22.65	-3.60	19.05	<=30	Pass
		50	0	21.85	-3.60	18.25	<=30	Pass
			25	21.90	-3.60	18.30	<=30	Pass
			50	21.92	-3.60	18.32	<=30	Pass
		100	0	21.87	-3.60	18.27	<=30	Pass
	1745	1	0	22.64	-3.60	19.04	<=30	Pass
			50	22.97	-3.60	19.37	<=30	Pass
			99	22.60	-3.60	19.00	<=30	Pass
		50	0	21.82	-3.60	18.22	<=30	Pass
			25	21.87	-3.60	18.27	<=30	Pass
			50	21.92	-3.60	18.32	<=30	Pass
		100	0	21.87	-3.60	18.27	<=30	Pass
	1770	1	0	22.68	-3.60	19.08	<=30	Pass
			50	23.15	-3.60	19.55	<=30	Pass
			99	22.96	-3.60	19.36	<=30	Pass
		50	0	22.09	-3.60	18.49	<=30	Pass
			25	22.12	-3.60	18.52	<=30	Pass
			50	22.13	-3.60	18.53	<=30	Pass
		100	0	22.08	-3.60	18.48	<=30	Pass
16QAM	1720	1	0	22.01	-3.60	18.41	<=30	Pass
			50	22.32	-3.60	18.72	<=30	Pass
			99	22.12	-3.60	18.52	<=30	Pass
		50	0	20.87	-3.60	17.27	<=30	Pass
			25	21.00	-3.60	17.40	<=30	Pass
			50	20.95	-3.60	17.35	<=30	Pass
		100	0	20.92	-3.60	17.32	<=30	Pass
	1745	1	0	21.70	-3.60	18.10	<=30	Pass
			50	21.90	-3.60	18.30	<=30	Pass
			99	21.61	-3.60	18.01	<=30	Pass
		50	0	20.85	-3.60	17.25	<=30	Pass
			25	20.88	-3.60	17.28	<=30	Pass
			50	20.94	-3.60	17.34	<=30	Pass
		100	0	20.92	-3.60	17.32	<=30	Pass
	1770	1	0	21.58	-3.60	17.98	<=30	Pass

			50	21.99	-3.60	18.39	<=30	Pass
			99	21.75	-3.60	18.15	<=30	Pass
		50	0	21.12	-3.60	17.52	<=30	Pass
			25	21.16	-3.60	17.56	<=30	Pass
			50	21.17	-3.60	17.57	<=30	Pass
		100	0	21.16	-3.60	17.56	<=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	-9.499	-0.0056	-2.5 to 2.5	Pass
					3.85	-7.882	-0.0046	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-14.133	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-11.487	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-12.503	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-9.685	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				40	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-1.945	-0.0011	-2.5 to 2.5	Pass
					3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
				0	3.85	4.821	0.0028	-2.5 to 2.5	Pass
				10	3.85	-10.157	-0.0058	-2.5 to 2.5	Pass
				30	3.85	3.591	0.0021	-2.5 to 2.5	Pass
				40	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-3.648	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-12.274	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-6.723	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-13.776	-0.0077	-2.5 to 2.5	Pass
				50	3.85	2.775	0.0016	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-11.516	-0.0067	-2.5 to 2.5	Pass
					3.85	-9.141	-0.0053	-2.5 to 2.5	Pass
					4.43	-0.229	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-13.919	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-10.915	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass

				0	3.85	-13.089	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				50	3.85	1.817	0.0011	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	6.566	0.0038	-2.5 to 2.5	Pass
					3.85	5.693	0.0033	-2.5 to 2.5	Pass
					4.43	-6.552	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-10.071	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	6.294	0.0036	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				0	3.85	-9.828	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-10.443	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-5.035	-0.0028	-2.5 to 2.5	Pass
					3.85	-9.212	-0.0052	-2.5 to 2.5	Pass
					4.43	-9.942	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-6.466	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-10.128	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.177	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-9.298	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-10.200	-0.0057	-2.5 to 2.5	Pass
				50	3.85	2.060	0.0012	-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	-13.261	-0.0077	-2.5 to 2.5	Pass
					3.85	-14.305	-0.0084	-2.5 to 2.5	Pass
					4.43	-14.548	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0041	-2.5 to 2.5	Pass
				0	3.85	2.260	0.0013	-2.5 to 2.5	Pass
				10	3.85	-11.129	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
				40	3.85	5.651	0.0033	-2.5 to 2.5	Pass
				50	3.85	1.588	0.0009	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.106	-0.0024	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
					4.43	-13.332	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-14.148	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-11.745	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-0.987	-0.0006	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0038	-2.5 to 2.5	Pass

				-30	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-10.815	-0.0061	-2.5 to 2.5	Pass
				0	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.924	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-10.901	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-2.232	-0.0013	-2.5 to 2.5	Pass
					3.85	-8.826	-0.0052	-2.5 to 2.5	Pass
					4.43	-11.444	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.811	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-13.561	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-9.041	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-12.188	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-12.088	-0.0069	-2.5 to 2.5	Pass
					3.85	2.403	0.0014	-2.5 to 2.5	Pass
					4.43	-9.413	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-9.499	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-12.188	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-10.457	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-9.727	-0.0056	-2.5 to 2.5	Pass
				10	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				30	3.85	-9.513	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-10.142	-0.0058	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-0.601	-0.0003	-2.5 to 2.5	Pass
					3.85	-7.524	-0.0042	-2.5 to 2.5	Pass
					4.43	0.987	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-9.441	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0031	-2.5 to 2.5	Pass
				40	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				50	3.85	-5.708	-0.0032	-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	-10.157	-0.0059	-2.5 to 2.5	Pass
					3.85	-3.705	-0.0022	-2.5 to 2.5	Pass
					4.43	-7.982	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-8.769	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-9.255	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.922	-0.0035	-2.5 to 2.5	Pass

	1745	25	0	20	3.27	0.801	0.0005	-2.5 to 2.5	Pass
					3.85	-9.742	-0.0056	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				10	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-7.696	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-9.913	-0.0056	-2.5 to 2.5	Pass
					3.85	-5.980	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-7.110	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.247	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.320	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-17.810	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-7.524	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-1.659	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-12.360	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				0	3.85	3.076	0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-10.786	-0.0063	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-2.818	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
					4.43	-6.537	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	3.605	0.0021	-2.5 to 2.5	Pass
				-20	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				50	3.85	1.059	0.0006	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-4.663	-0.0026	-2.5 to 2.5	Pass
					3.85	-10.457	-0.0059	-2.5 to 2.5	Pass
					4.43	-0.286	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-9.141	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-11.201	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-5.908	-0.0033	-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	-3.734	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
					4.43	-5.765	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-6.795	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.605	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				10	3.85	4.449	0.0025	-2.5 to 2.5	Pass
				30	3.85	2.103	0.0012	-2.5 to 2.5	Pass
				40	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-9.899	-0.0056	-2.5 to 2.5	Pass
					3.85	0.615	0.0003	-2.5 to 2.5	Pass
					4.43	-3.018	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-8.054	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-8.197	-0.0046	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-6.294	-0.0037	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-8.154	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-9.227	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-5.007	-0.0029	-2.5 to 2.5	Pass
					3.85	1.774	0.0010	-2.5 to 2.5	Pass
					4.43	-3.204	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-10.157	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	3.791	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				0	3.85	4.907	0.0028	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0001	-2.5 to 2.5	Pass

	1775	50	0	20	3.27	-11.630	-0.0066	-2.5 to 2.5	Pass
					3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
					4.43	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-4.320	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-9.012	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-7.195	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.350	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-8.140	-0.0046	-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	-5.221	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-3.676	-0.0021	-2.5 to 2.5	Pass
					3.85	0.114	0.0001	-2.5 to 2.5	Pass
					4.43	-4.520	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-9.327	-0.0053	-2.5 to 2.5	Pass
					3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-4.821	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-5.178	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-8.941	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0047	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-1.931	-0.0011	-2.5 to 2.5	Pass
					3.85	-7.024	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.033	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-8.197	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-12.760	-0.0074	-2.5 to 2.5	Pass

				30	3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	1.130	0.0006	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.043	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-4.148	-0.0023	-2.5 to 2.5	Pass
					3.85	-6.094	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-7.582	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-6.895	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-8.612	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0003	-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	-1.988	-0.0012	-2.5 to 2.5	Pass
					3.85	-10.457	-0.0061	-2.5 to 2.5	Pass
					4.43	-2.146	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-8.726	-0.0051	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	6.180	0.0035	-2.5 to 2.5	Pass
				50	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-11.258	-0.0064	-2.5 to 2.5	Pass
					3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
					4.43	-12.503	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.550	-0.0031	-2.5 to 2.5	Pass

				-10	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-7.839	-0.0044	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-6.022	-0.0035	-2.5 to 2.5	Pass
					3.85	-7.482	-0.0044	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-11.458	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-9.456	-0.0055	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.765	-0.0033	-2.5 to 2.5	Pass
					3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.375	0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-5.608	-0.0032	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-8.426	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				0	3.85	-11.487	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0010	-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

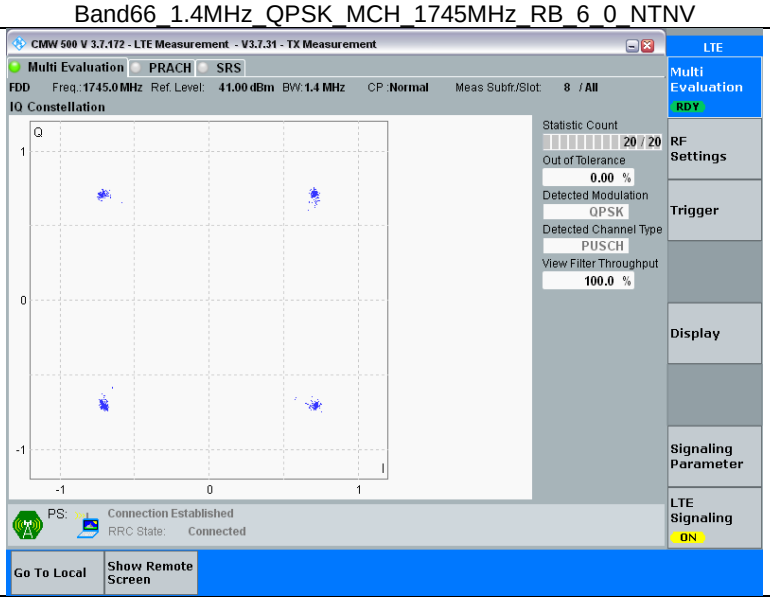
3.1.6 B66_20MHz

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

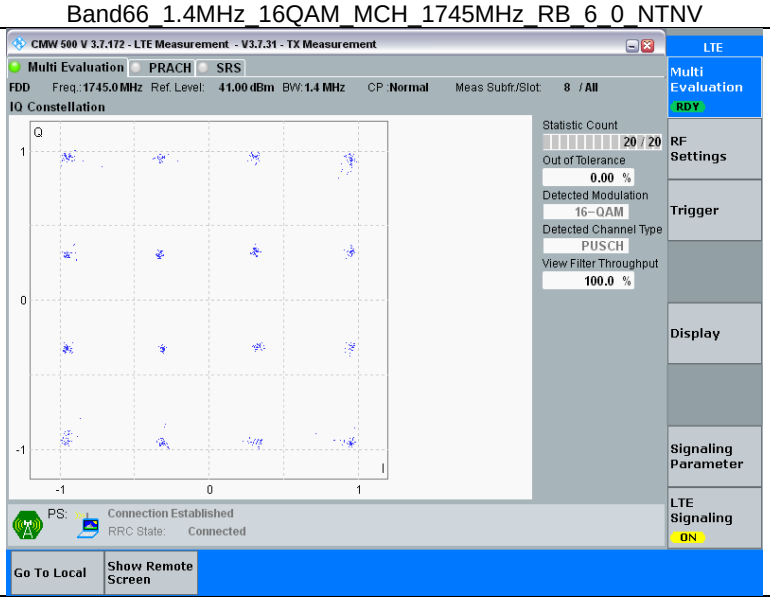
3.2 Test Graph

3.2.1 B66_1.4MHz

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

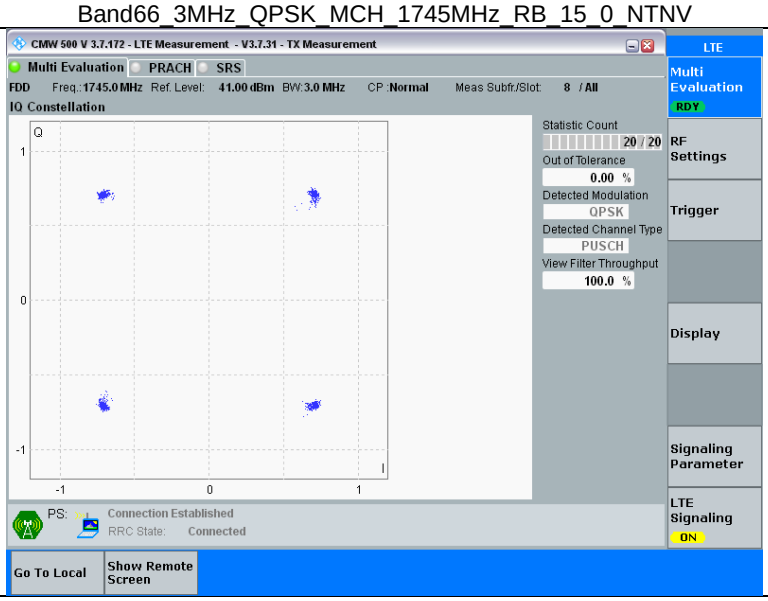


Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

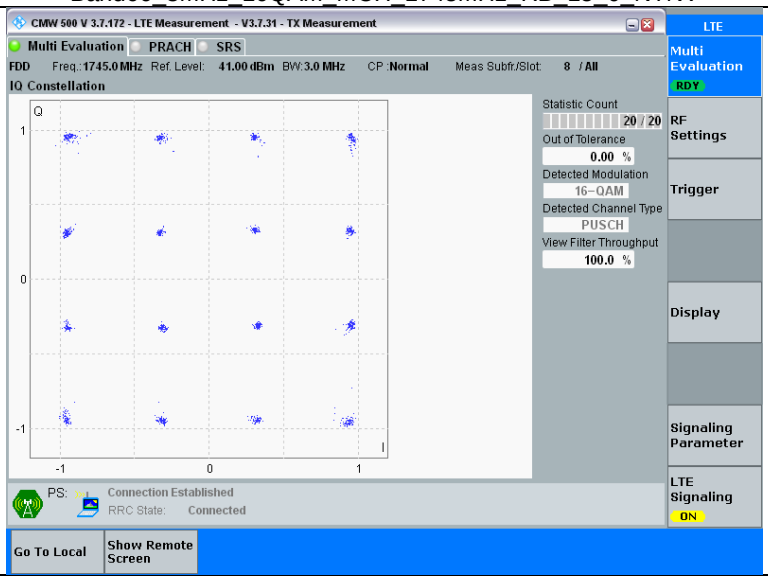


3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

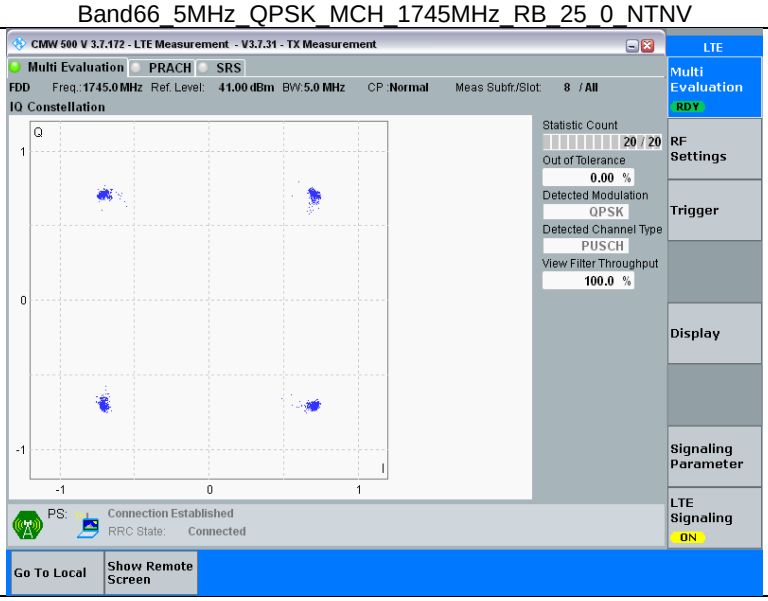


Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

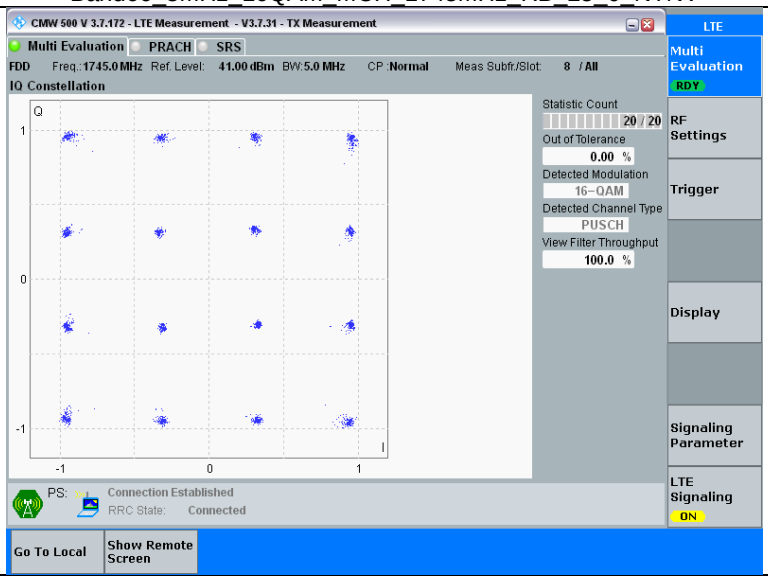


3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

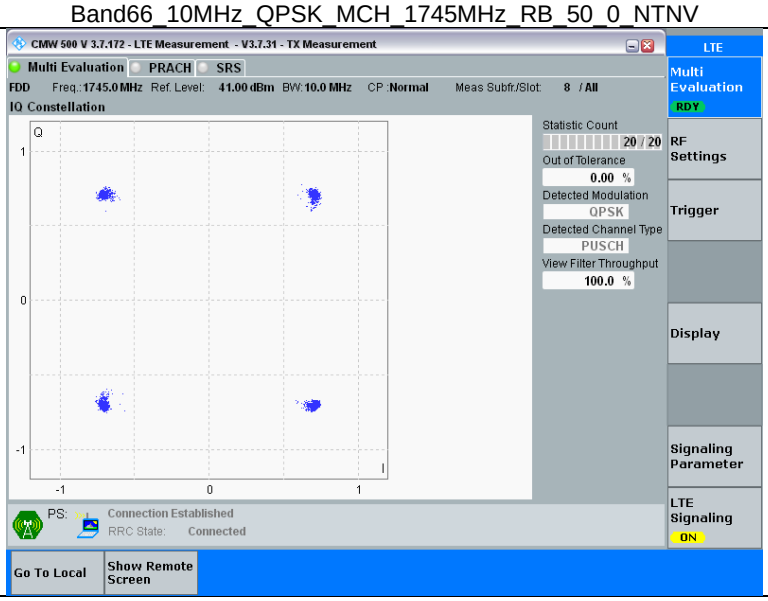


Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

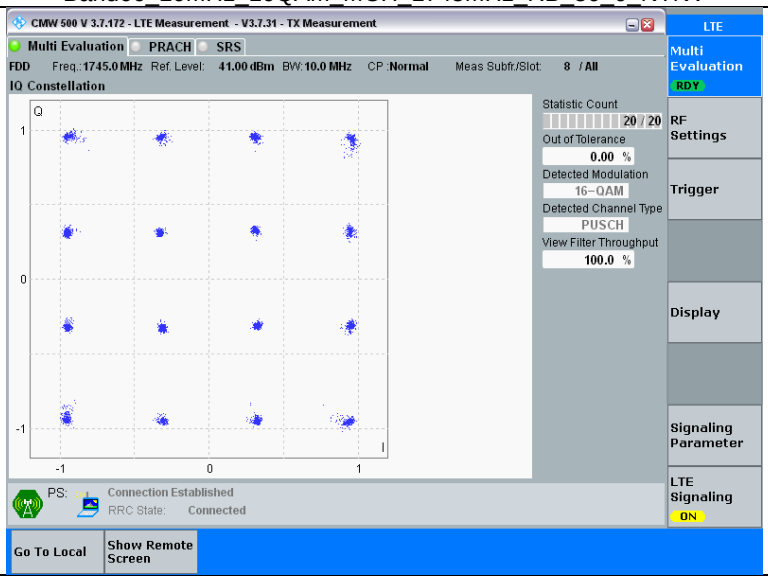


3.2.4 B66_10MHz

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

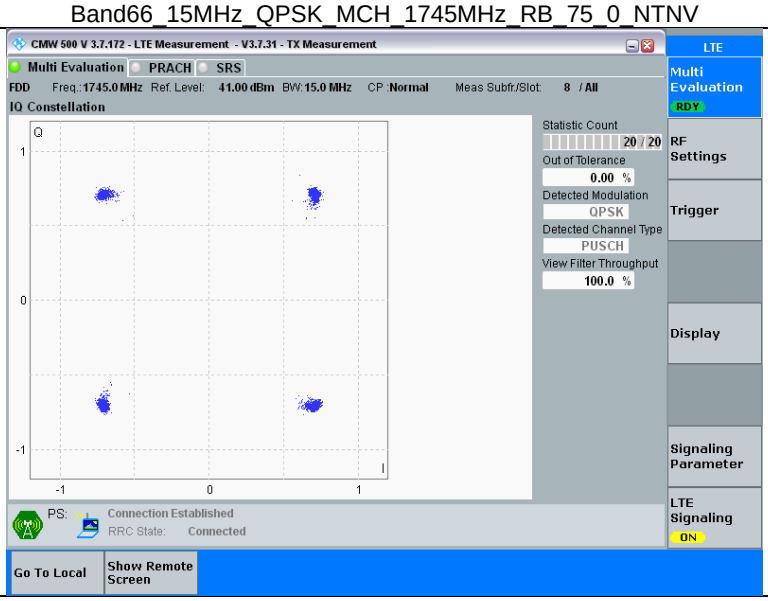


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

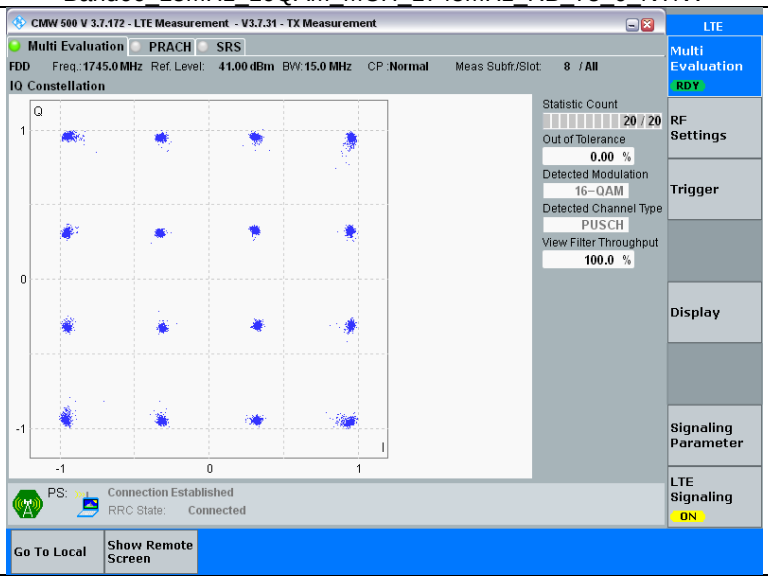


3.2.5 B66_15MHz

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

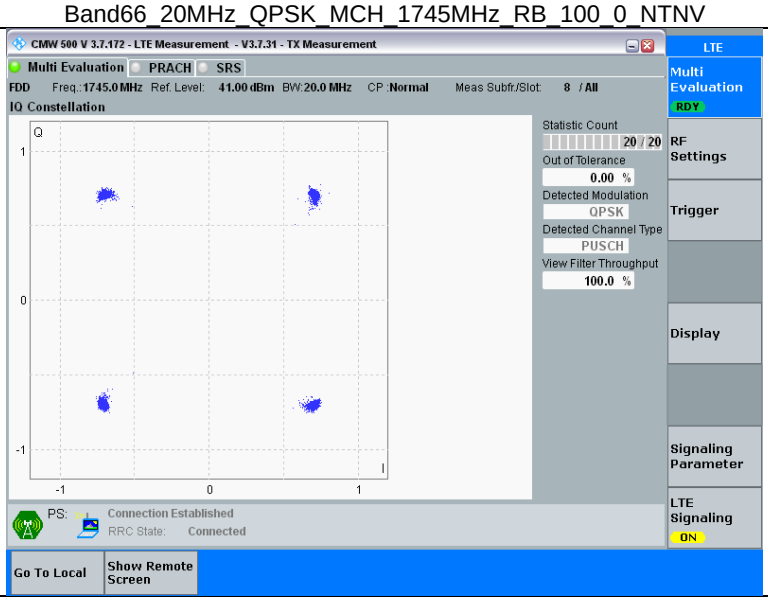


Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

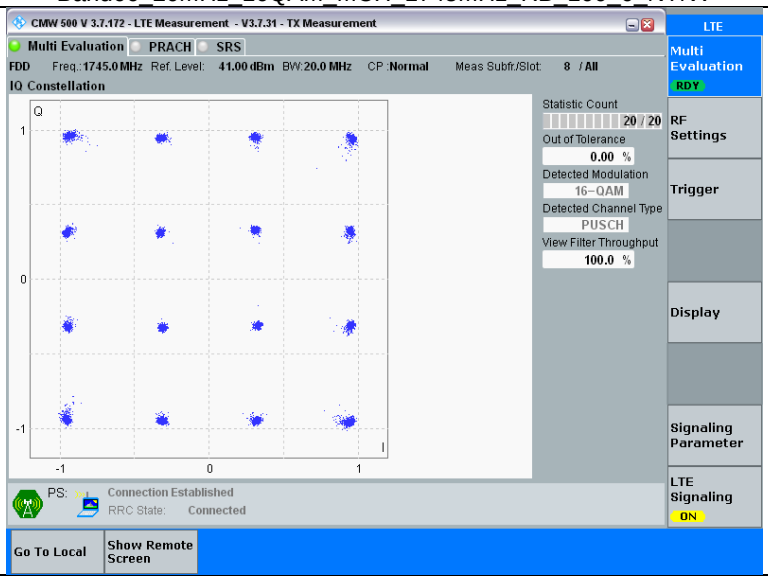


3.2.6 B66_20MHz

Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



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	1.103	/	Pass
		1745	6	0	1.119	/	Pass
		1779.3	6	0	1.114	/	Pass
	16QAM	1710.7	6	0	1.115	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.105	/	Pass
3	QPSK	1711.5	15	0	2.724	/	Pass
		1745	15	0	2.730	/	Pass
		1778.5	15	0	2.730	/	Pass
	16QAM	1711.5	15	0	2.728	/	Pass
		1745	15	0	2.719	/	Pass
		1778.5	15	0	2.727	/	Pass
5	QPSK	1712.5	25	0	4.565	/	Pass
		1745	25	0	4.593	/	Pass
		1777.5	25	0	4.576	/	Pass
	16QAM	1712.5	25	0	4.591	/	Pass
		1745	25	0	4.580	/	Pass
		1777.5	25	0	4.612	/	Pass
10	QPSK	1715	50	0	9.125	/	Pass
		1745	50	0	9.124	/	Pass
		1775	50	0	9.064	/	Pass
	16QAM	1715	50	0	9.078	/	Pass
		1745	50	0	9.107	/	Pass
		1775	50	0	9.090	/	Pass
15	QPSK	1717.5	75	0	13.661	/	Pass
		1745	75	0	13.644	/	Pass
		1772.5	75	0	13.595	/	Pass
	16QAM	1717.5	75	0	13.608	/	Pass
		1745	75	0	13.677	/	Pass
		1772.5	75	0	13.626	/	Pass
20	QPSK	1720	100	0	18.119	/	Pass
		1745	100	0	18.136	/	Pass
		1770	100	0	18.172	/	Pass
	16QAM	1720	100	0	18.205	/	Pass
		1745	100	0	18.134	/	Pass
		1770	100	0	18.156	/	Pass

4.1.2 Band66_XDB

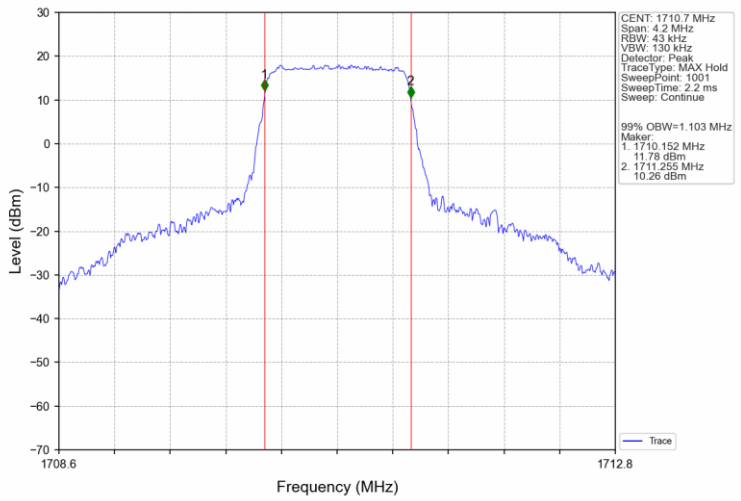
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.343	/	Pass
		1745	6	0	1.306	/	Pass
		1779.3	6	0	1.332	/	Pass

	16QAM	1710.7	6	0	1.322	/	Pass
		1745	6	0	1.328	/	Pass
		1779.3	6	0	1.324	/	Pass
3	QPSK	1711.5	15	0	3.011	/	Pass
		1745	15	0	2.991	/	Pass
		1778.5	15	0	3.010	/	Pass
	16QAM	1711.5	15	0	2.974	/	Pass
		1745	15	0	3.007	/	Pass
		1778.5	15	0	2.989	/	Pass
5	QPSK	1712.5	25	0	5.305	/	Pass
		1745	25	0	5.336	/	Pass
		1777.5	25	0	5.251	/	Pass
	16QAM	1712.5	25	0	5.275	/	Pass
		1745	25	0	5.312	/	Pass
		1777.5	25	0	5.323	/	Pass
10	QPSK	1715	50	0	14.051	/	Pass
		1745	50	0	10.545	/	Pass
		1775	50	0	10.223	/	Pass
	16QAM	1715	50	0	10.254	/	Pass
		1745	50	0	10.283	/	Pass
		1775	50	0	10.232	/	Pass
15	QPSK	1717.5	75	0	15.458	/	Pass
		1745	75	0	15.490	/	Pass
		1772.5	75	0	15.170	/	Pass
	16QAM	1717.5	75	0	15.331	/	Pass
		1745	75	0	15.485	/	Pass
		1772.5	75	0	15.301	/	Pass
20	QPSK	1720	100	0	20.112	/	Pass
		1745	100	0	20.422	/	Pass
		1770	100	0	22.477	/	Pass
	16QAM	1720	100	0	20.025	/	Pass
		1745	100	0	20.220	/	Pass
		1770	100	0	24.424	/	Pass

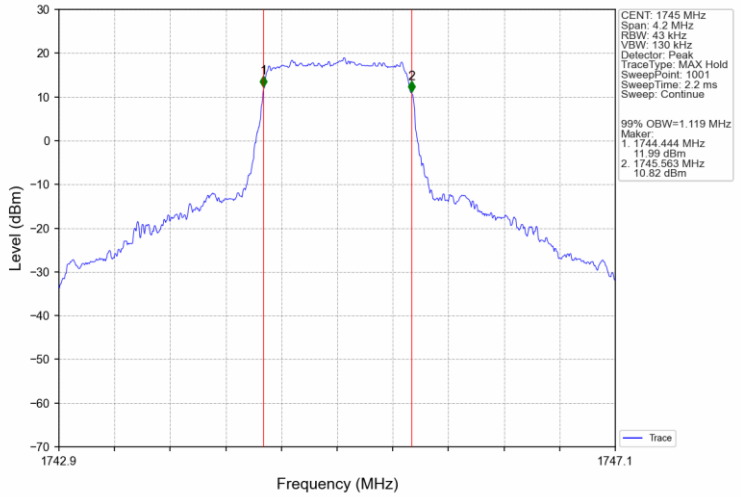
4.2 Test Graph

4.2.1 Band66_OBW

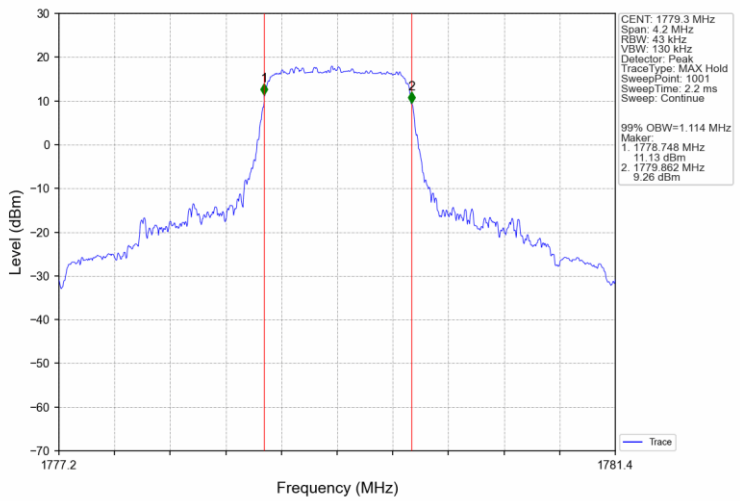
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



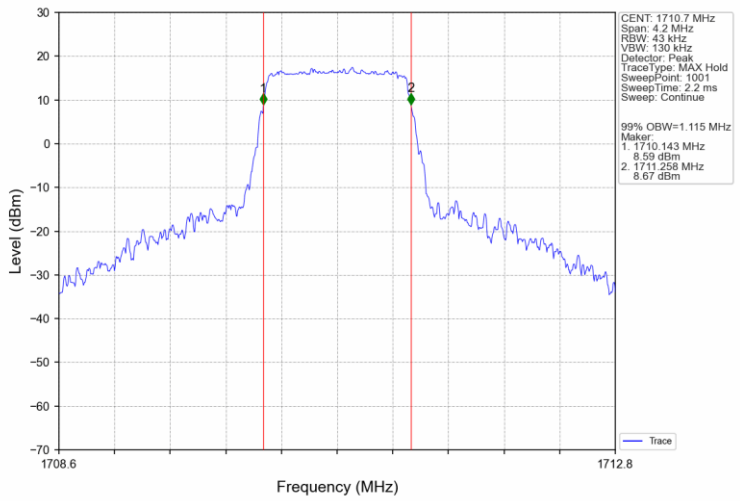
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



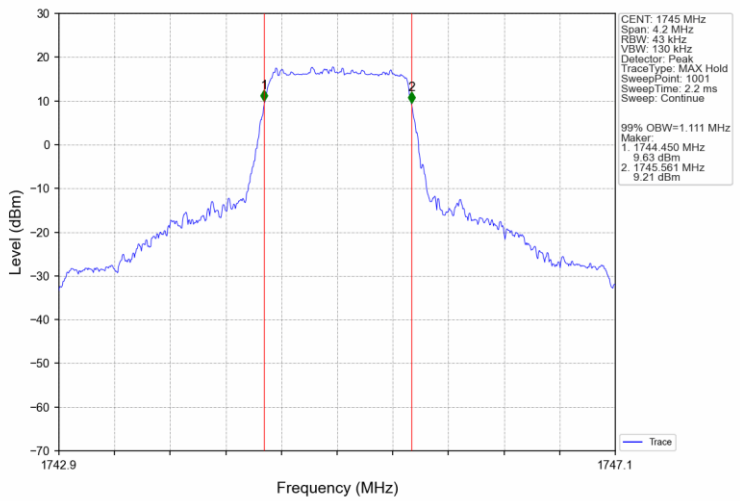
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



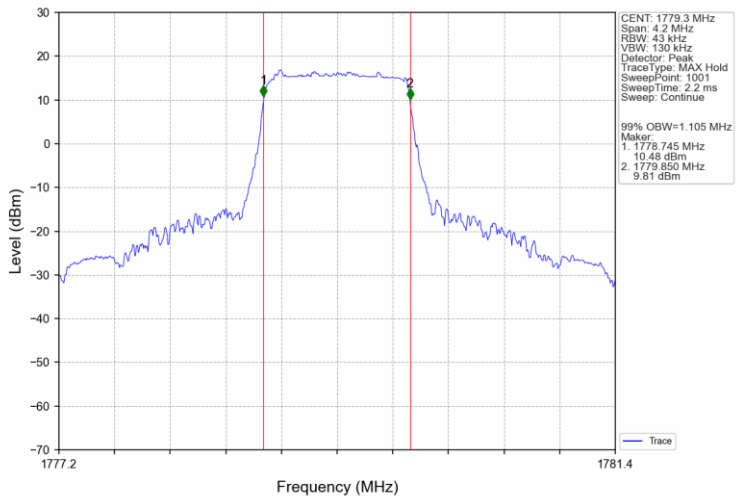
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



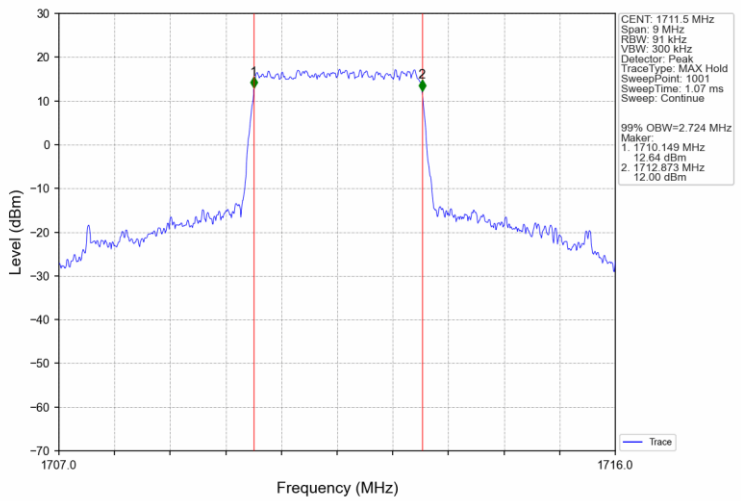
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



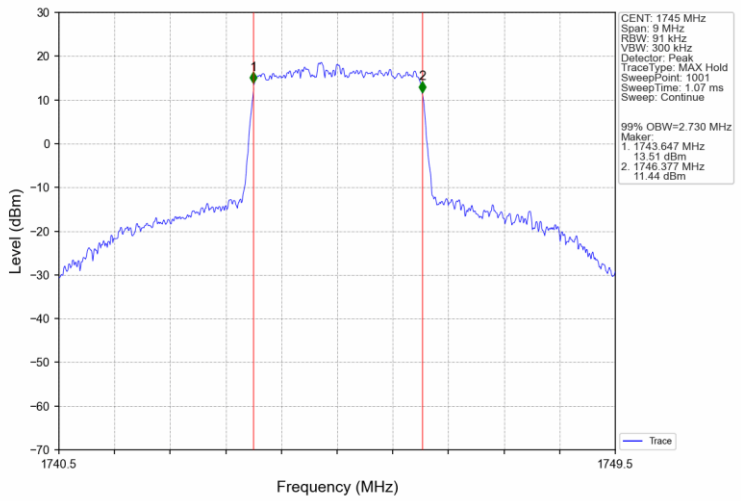
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



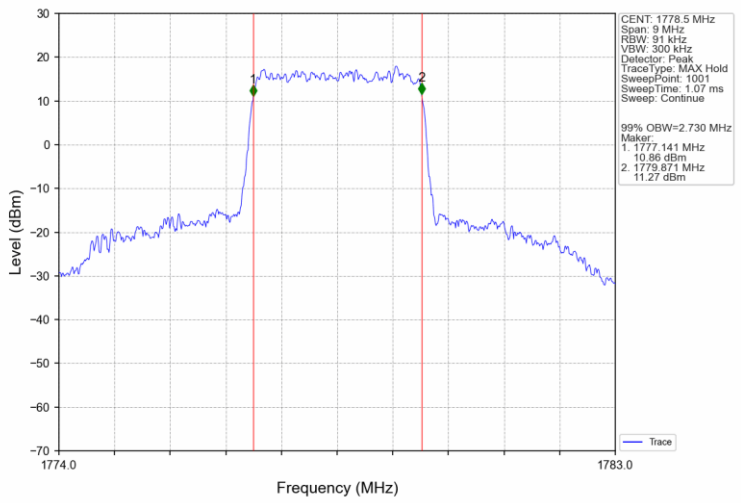
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



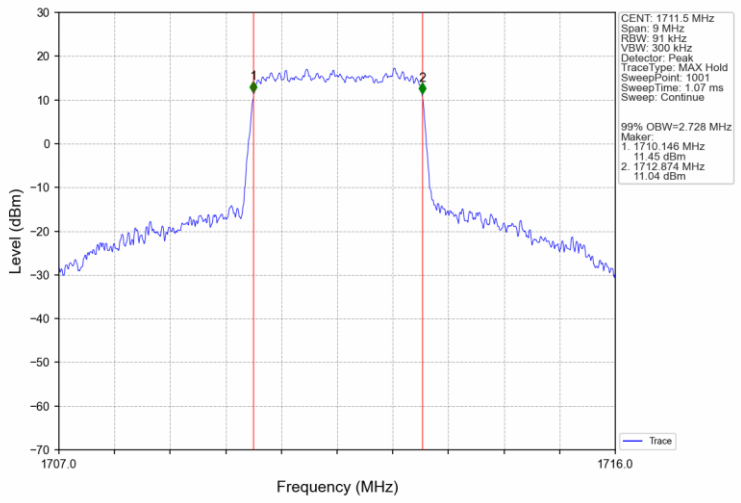
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



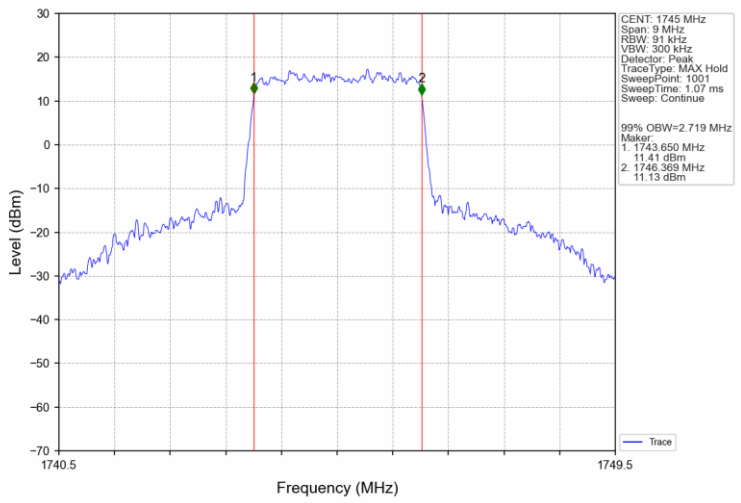
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



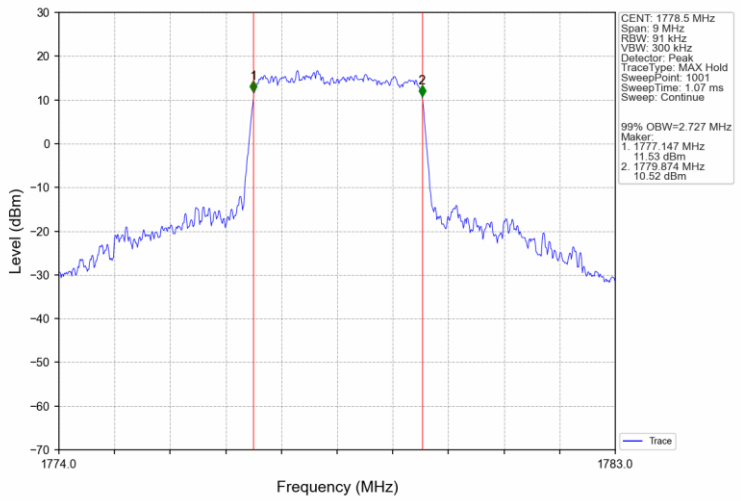
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



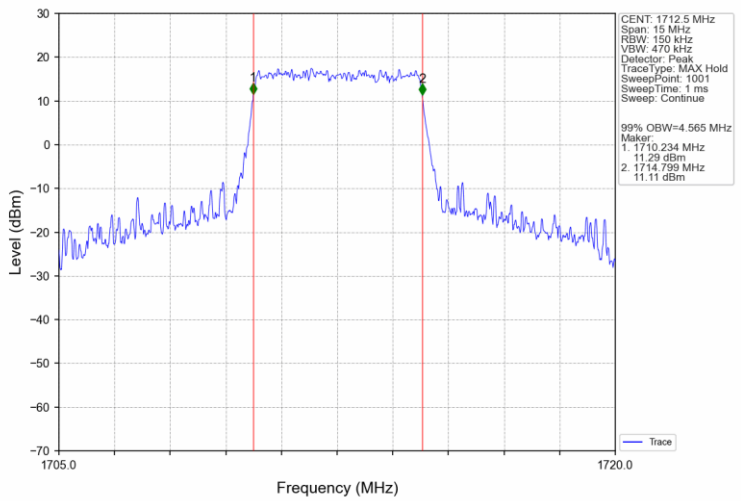
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



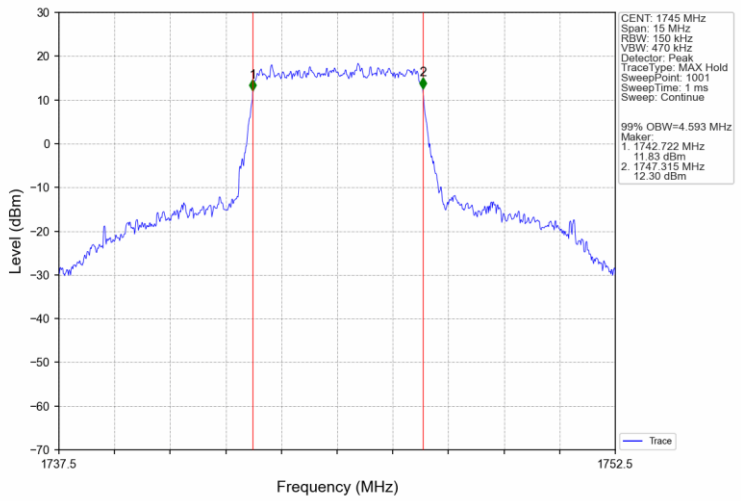
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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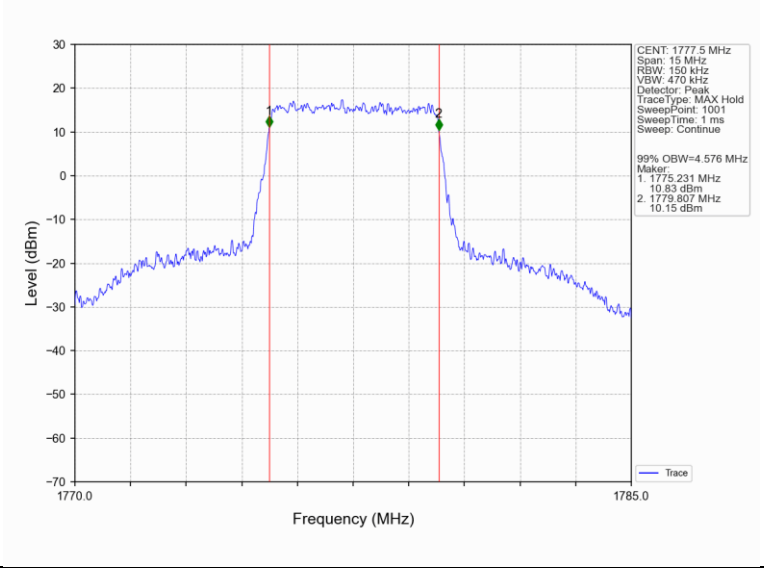
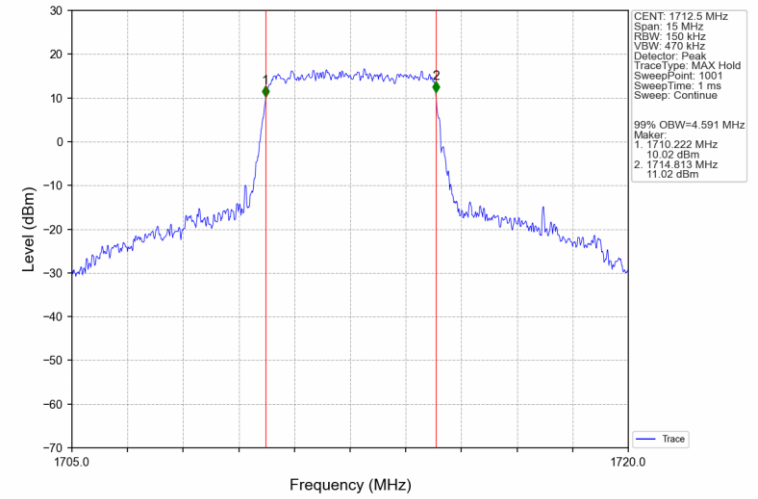
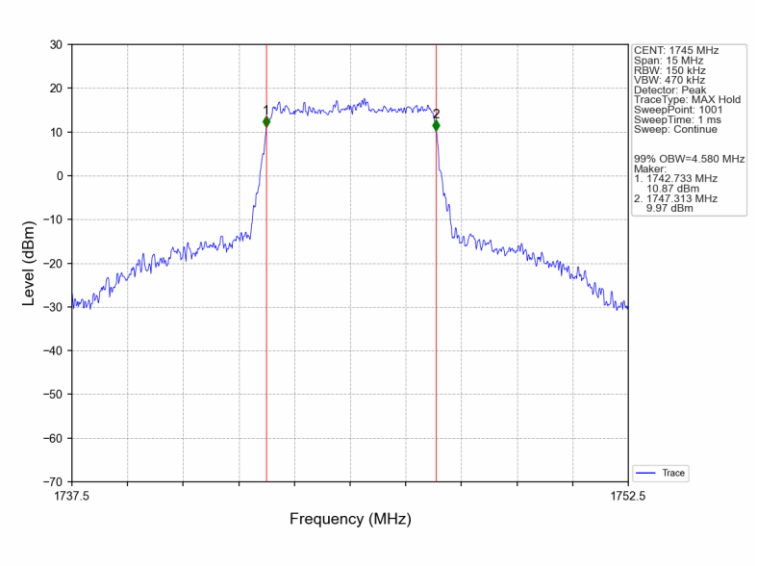


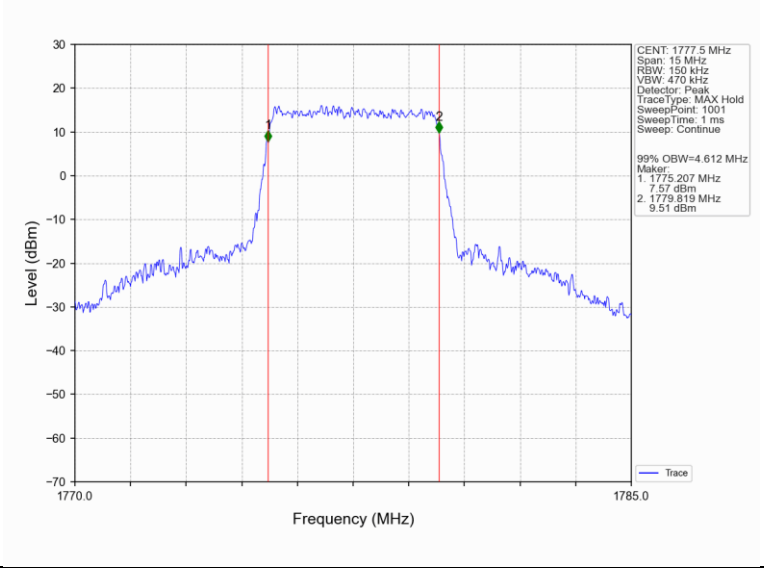
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



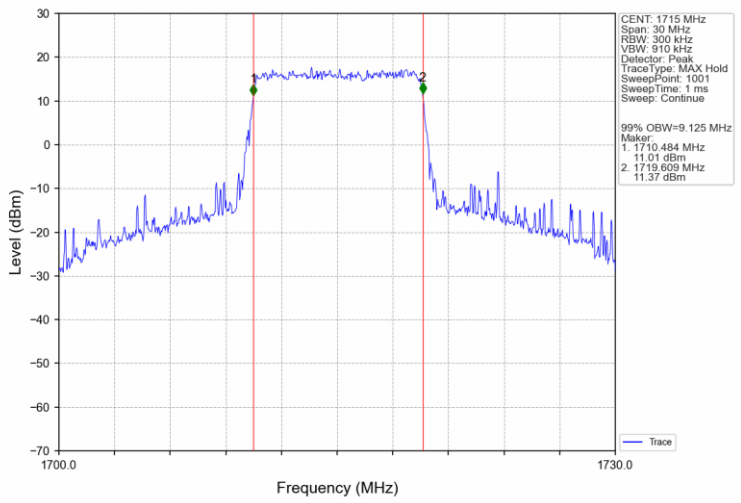
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



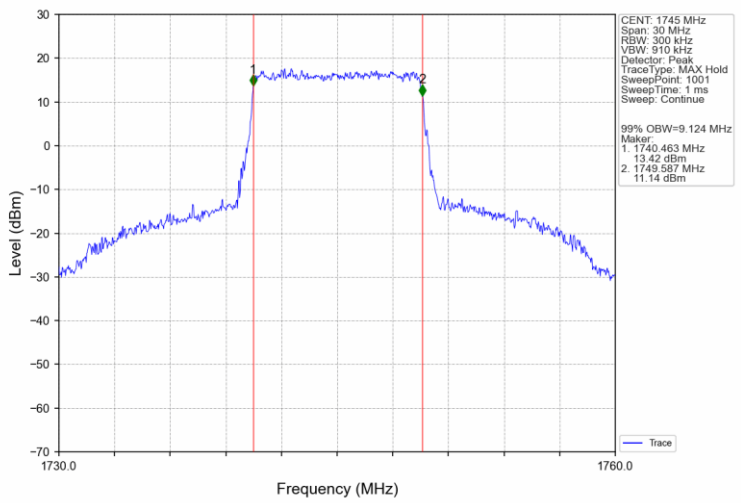
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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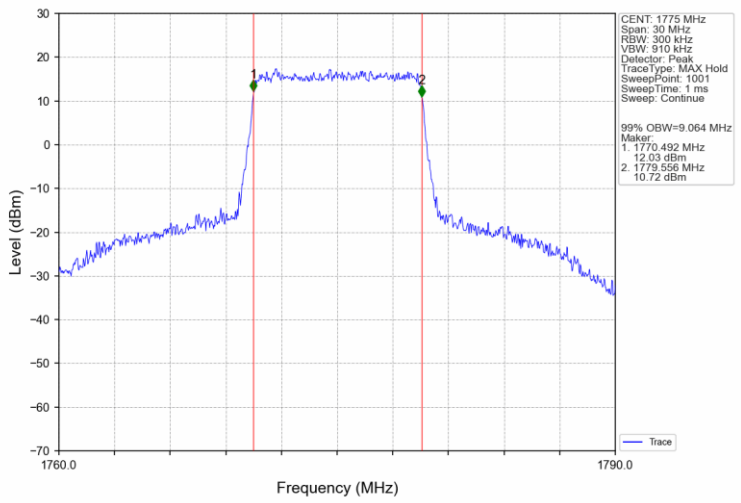
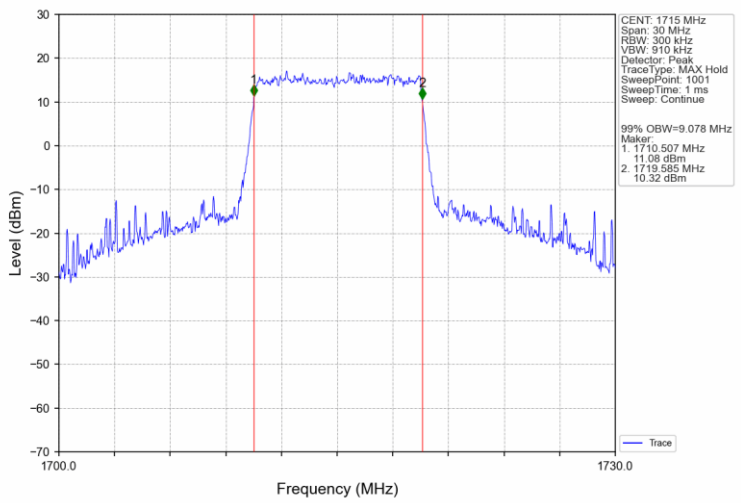
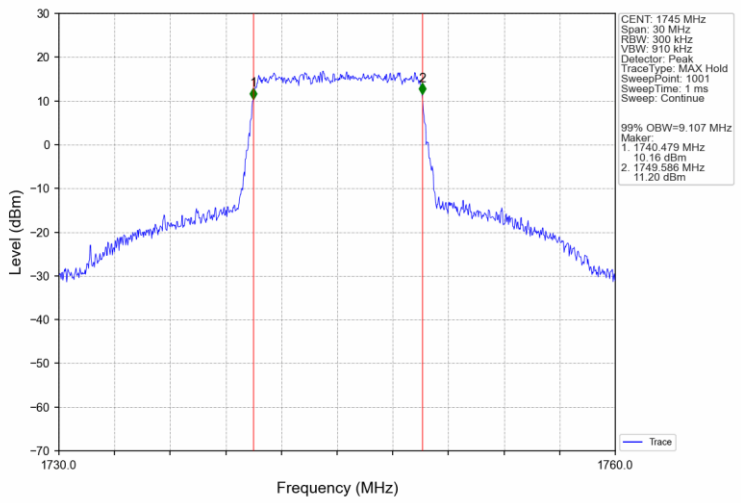


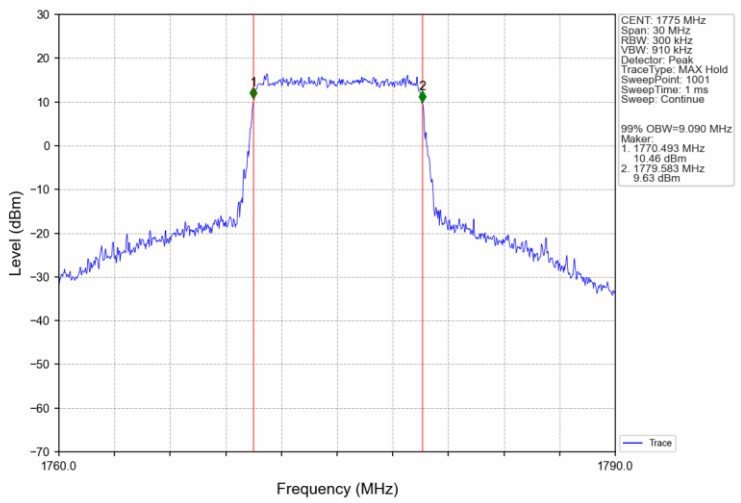
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



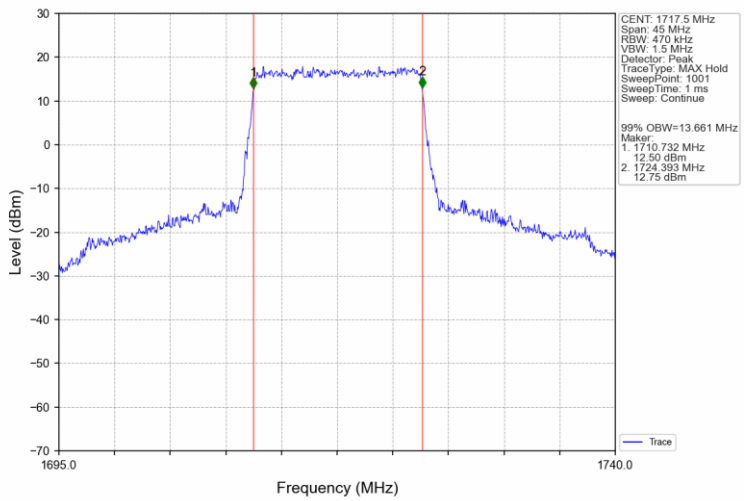
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



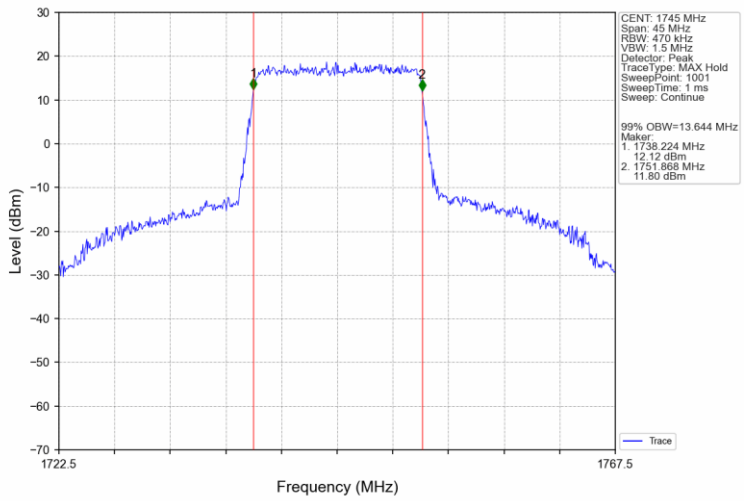
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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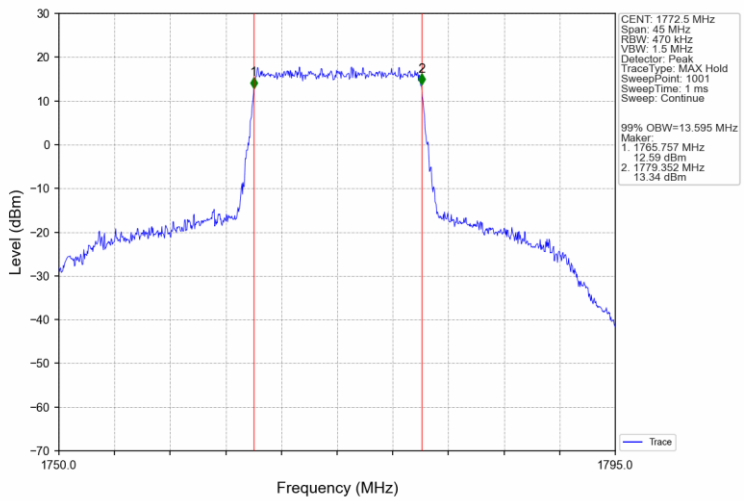
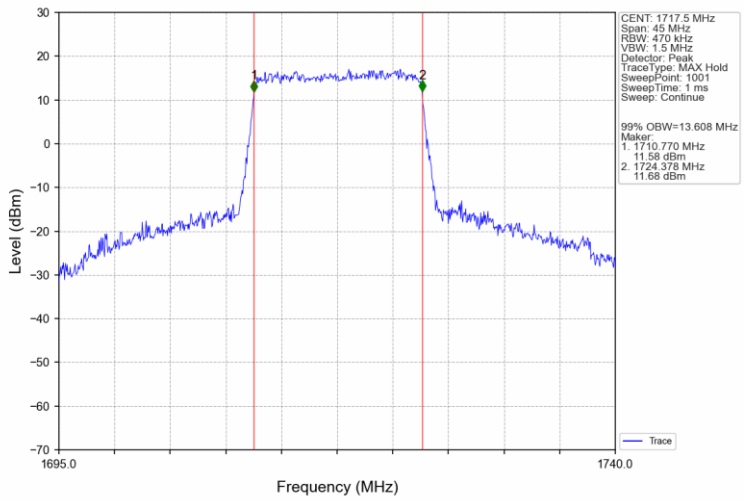
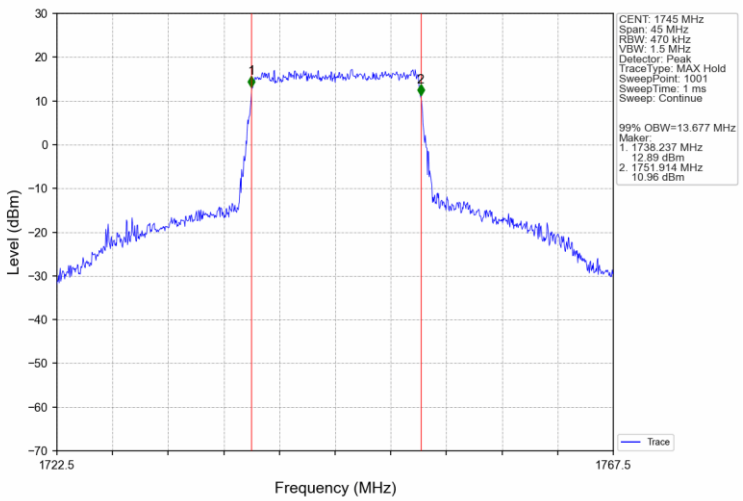


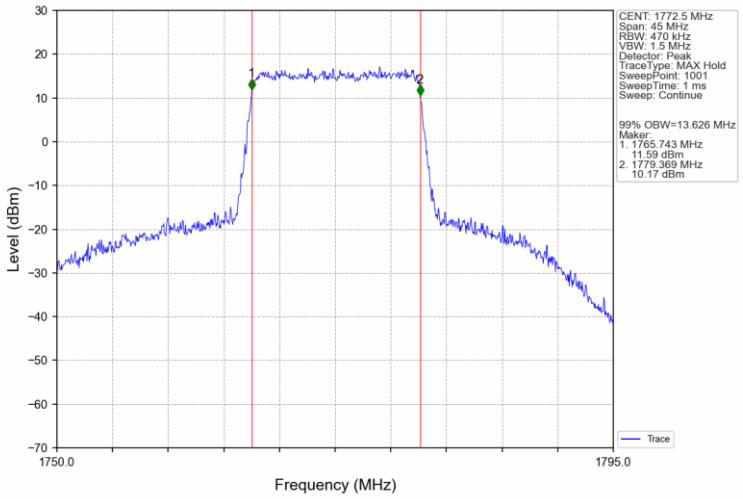
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



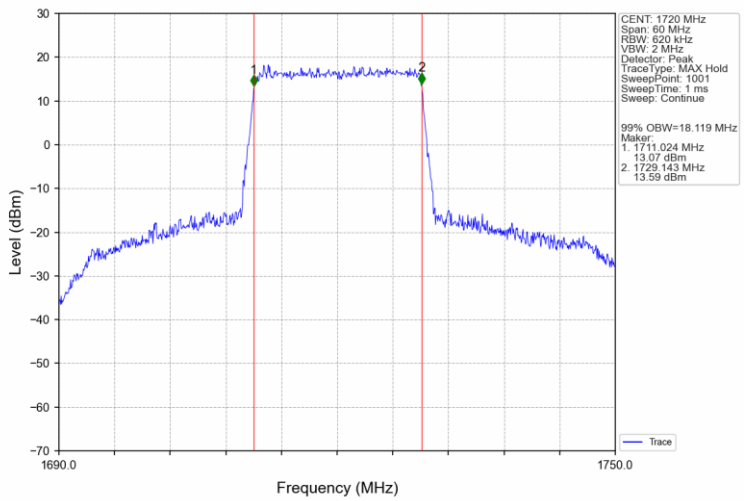
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



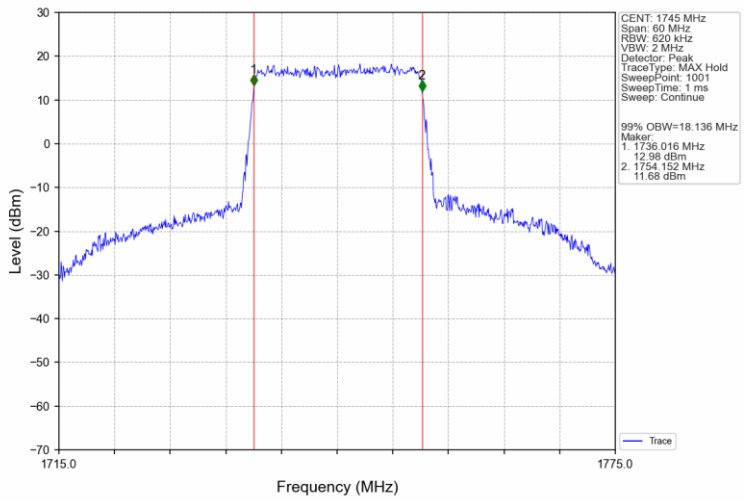
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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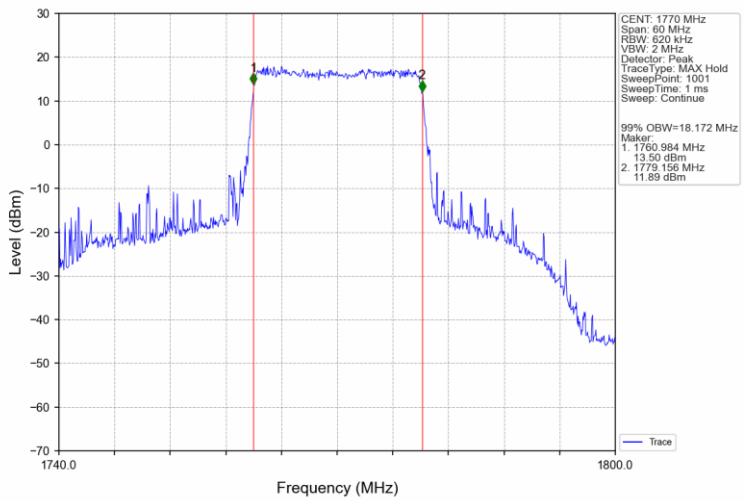
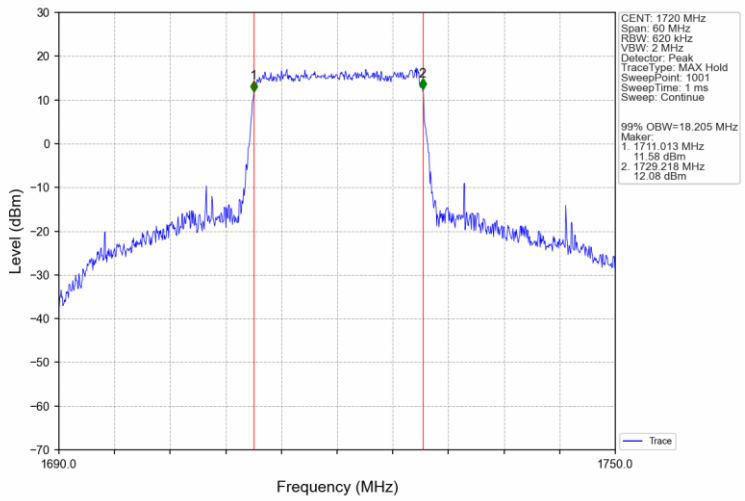
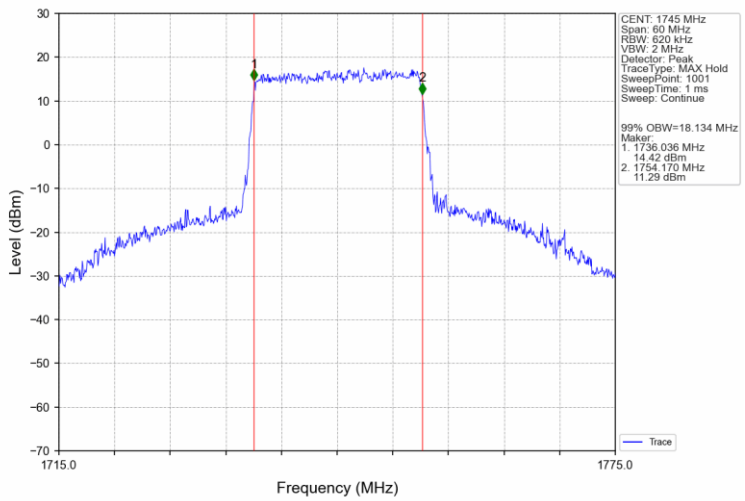


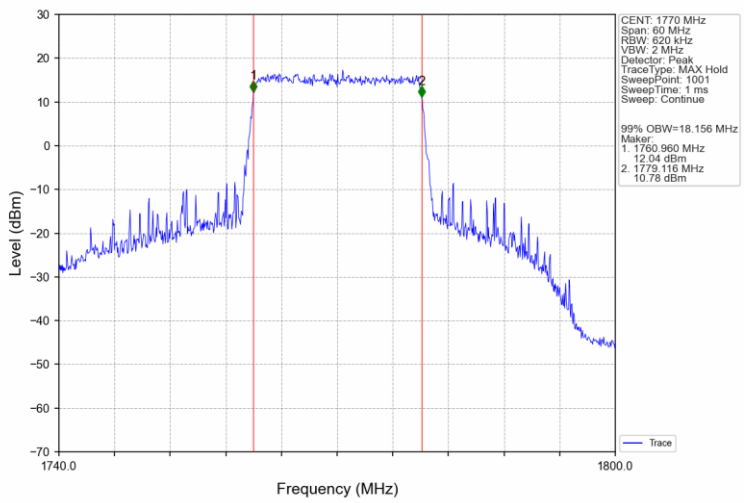
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

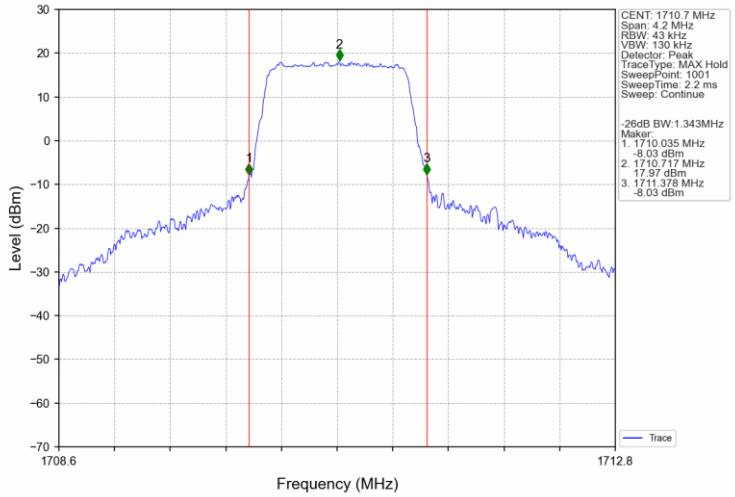


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

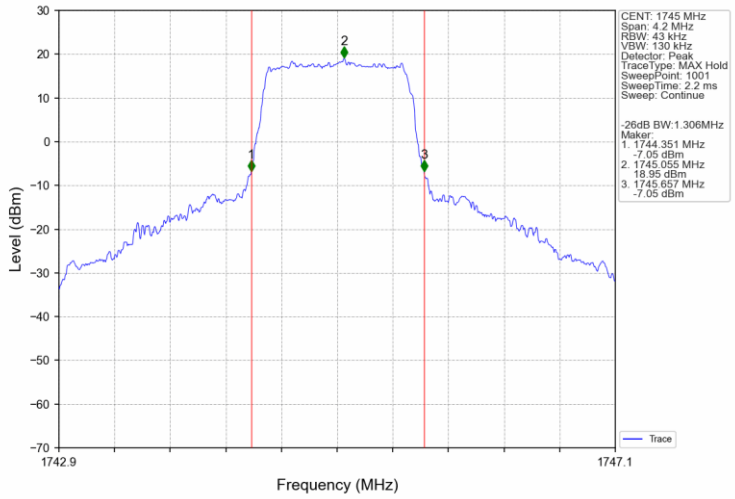


4.2.2 Band66_XDB

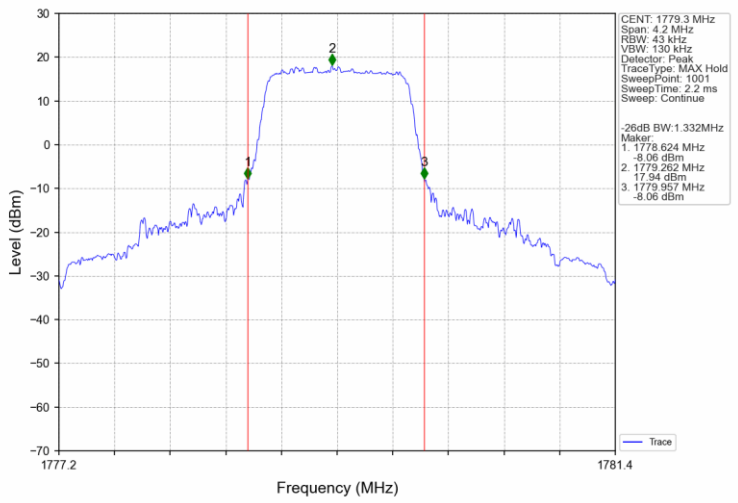
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



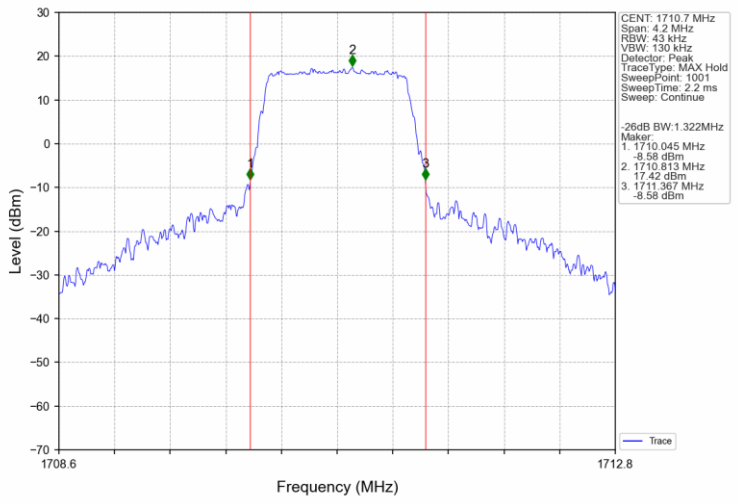
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



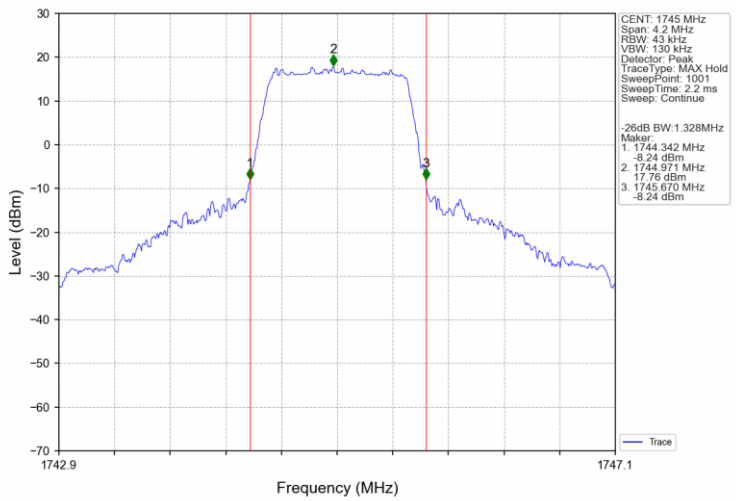
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



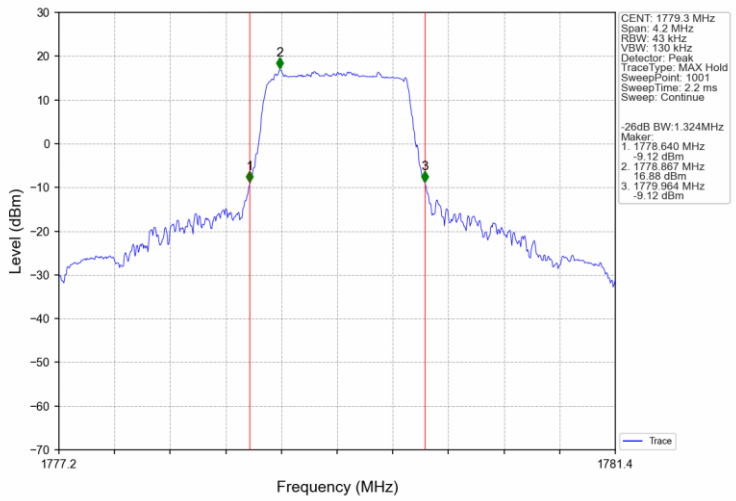
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



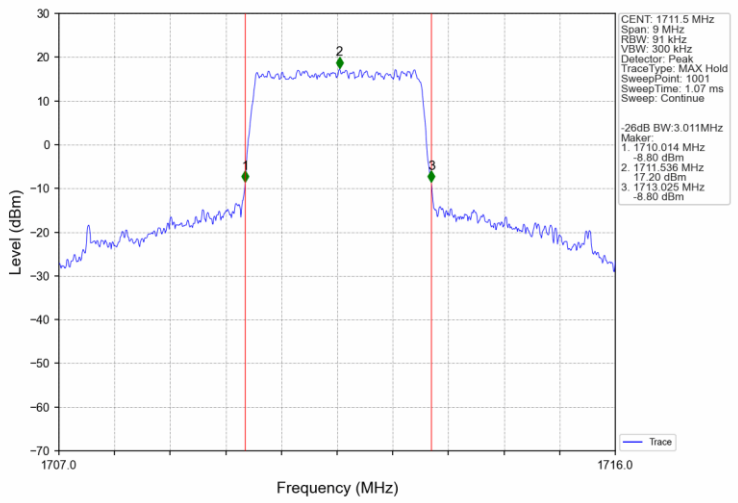
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



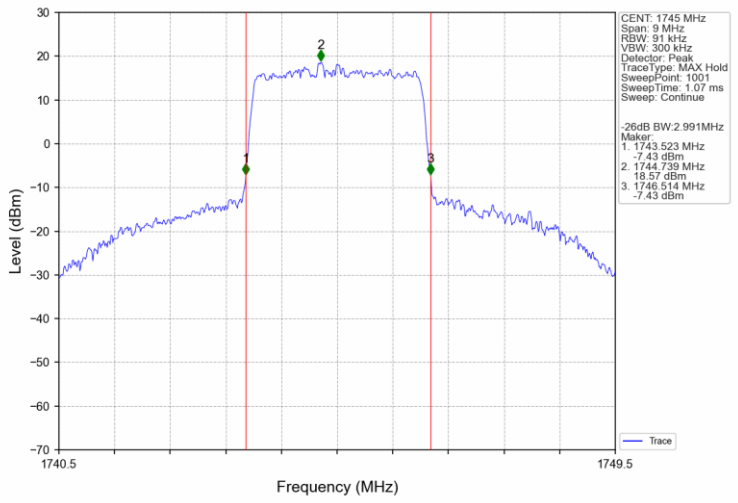
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



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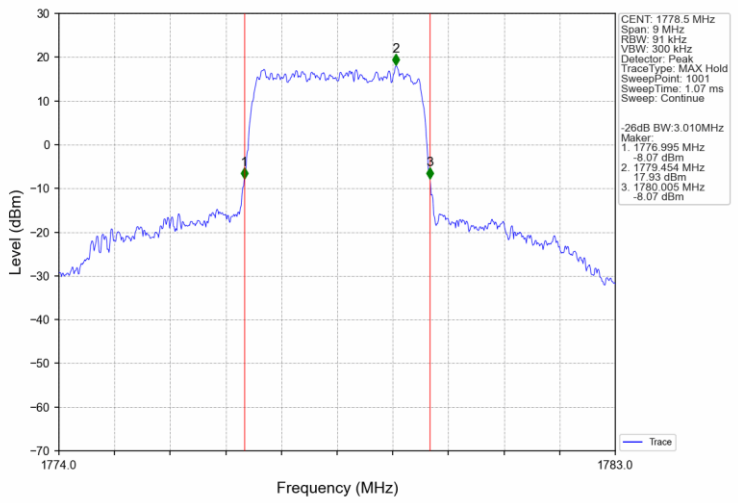
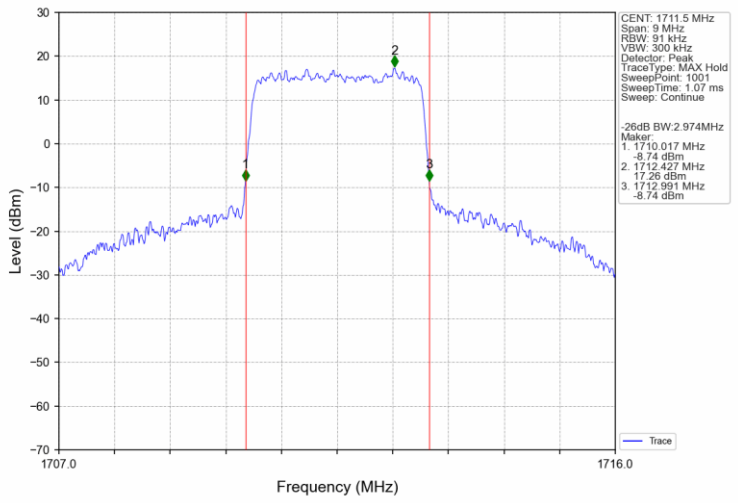
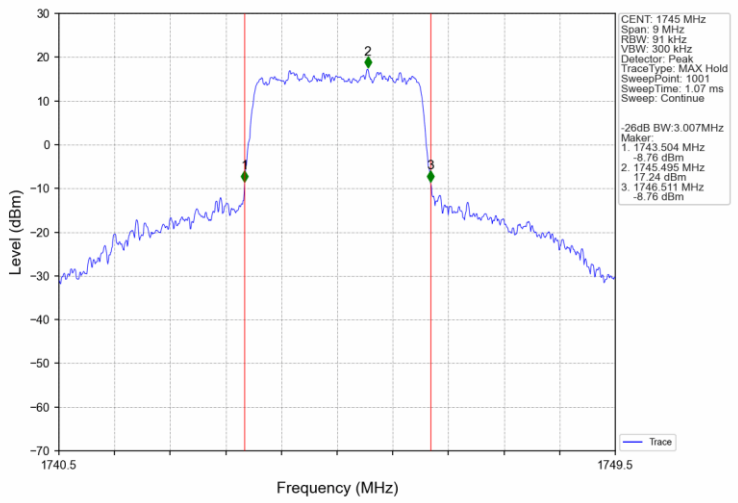
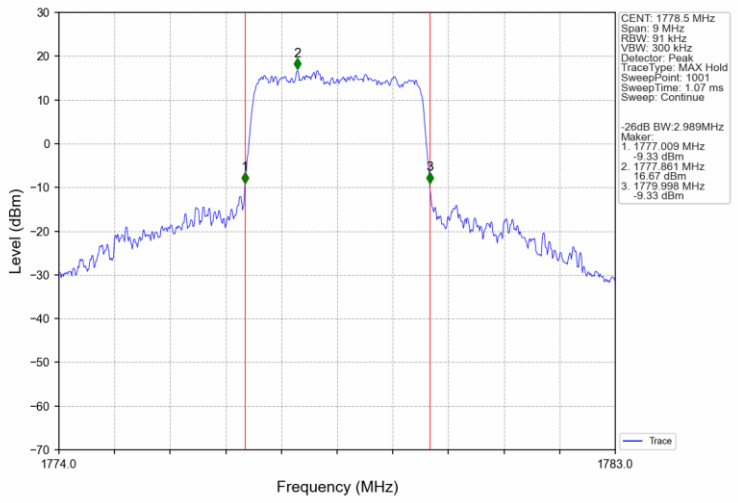


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV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