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	23.04	-1.00	22.04	<=30	Pass
			2	23.27	-1.00	22.27	<=30	Pass
			5	23.05	-1.00	22.05	<=30	Pass
		3	0	23.13	-1.00	22.13	<=30	Pass
			2	23.10	-1.00	22.10	<=30	Pass
			3	23.13	-1.00	22.13	<=30	Pass
		6	0	22.12	-1.00	21.12	<=30	Pass
	1745	1	0	22.89	-1.00	21.89	<=30	Pass
			2	23.12	-1.00	22.12	<=30	Pass
			5	22.89	-1.00	21.89	<=30	Pass
		3	0	23.02	-1.00	22.02	<=30	Pass
			2	23.00	-1.00	22.00	<=30	Pass
			3	23.04	-1.00	22.04	<=30	Pass
		6	0	22.00	-1.00	21.00	<=30	Pass
	1779.3	1	0	23.26	-1.00	22.26	<=30	Pass
			2	23.48	-1.00	22.48	<=30	Pass
			5	23.26	-1.00	22.26	<=30	Pass
		3	0	23.31	-1.00	22.31	<=30	Pass
			2	23.19	-1.00	22.19	<=30	Pass
			3	23.32	-1.00	22.32	<=30	Pass
		6	0	22.31	-1.00	21.31	<=30	Pass
16QAM	1710.7	1	0	21.91	-1.00	20.91	<=30	Pass
			2	22.16	-1.00	21.16	<=30	Pass
			5	21.91	-1.00	20.91	<=30	Pass
		3	0	21.95	-1.00	20.95	<=30	Pass
			2	21.96	-1.00	20.96	<=30	Pass
			3	22.00	-1.00	21.00	<=30	Pass
		6	0	21.11	-1.00	20.11	<=30	Pass
	1745	1	0	21.87	-1.00	20.87	<=30	Pass
			2	22.08	-1.00	21.08	<=30	Pass
			5	21.87	-1.00	20.87	<=30	Pass
		3	0	22.07	-1.00	21.07	<=30	Pass
			2	22.00	-1.00	21.00	<=30	Pass
			3	22.05	-1.00	21.05	<=30	Pass
		6	0	21.06	-1.00	20.06	<=30	Pass
	1779.3	1	0	22.11	-1.00	21.11	<=30	Pass
			2	22.33	-1.00	21.33	<=30	Pass
			5	22.11	-1.00	21.11	<=30	Pass
		3	0	22.15	-1.00	21.15	<=30	Pass
			2	22.10	-1.00	21.10	<=30	Pass
			3	22.15	-1.00	21.15	<=30	Pass
		6	0	21.33	-1.00	20.33	<=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	23.07	-1.00	22.07	<=30	Pass
			7	22.92	-1.00	21.92	<=30	Pass
			14	23.04	-1.00	22.04	<=30	Pass
		8	0	22.08	-1.00	21.08	<=30	Pass
			4	22.08	-1.00	21.08	<=30	Pass
			7	22.04	-1.00	21.04	<=30	Pass
		15	0	22.03	-1.00	21.03	<=30	Pass
	1745	1	0	23.09	-1.00	22.09	<=30	Pass
			7	22.96	-1.00	21.96	<=30	Pass
			14	23.10	-1.00	22.10	<=30	Pass
		8	0	22.00	-1.00	21.00	<=30	Pass
			4	22.01	-1.00	21.01	<=30	Pass
			7	21.97	-1.00	20.97	<=30	Pass
		15	0	21.93	-1.00	20.93	<=30	Pass
	1778.5	1	0	23.35	-1.00	22.35	<=30	Pass
			7	23.24	-1.00	22.24	<=30	Pass
			14	23.41	-1.00	22.41	<=30	Pass
		8	0	22.25	-1.00	21.25	<=30	Pass
			4	22.28	-1.00	21.28	<=30	Pass
			7	22.23	-1.00	21.23	<=30	Pass
		15	0	22.23	-1.00	21.23	<=30	Pass
16QAM	1711.5	1	0	22.08	-1.00	21.08	<=30	Pass
			7	21.91	-1.00	20.91	<=30	Pass
			14	22.06	-1.00	21.06	<=30	Pass
		8	0	21.11	-1.00	20.11	<=30	Pass
			4	21.08	-1.00	20.08	<=30	Pass
			7	21.06	-1.00	20.06	<=30	Pass
		15	0	21.01	-1.00	20.01	<=30	Pass
	1745	1	0	22.32	-1.00	21.32	<=30	Pass
			7	22.21	-1.00	21.21	<=30	Pass
			14	22.36	-1.00	21.36	<=30	Pass
		8	0	21.05	-1.00	20.05	<=30	Pass
			4	21.08	-1.00	20.08	<=30	Pass
			7	21.03	-1.00	20.03	<=30	Pass
		15	0	21.02	-1.00	20.02	<=30	Pass
	1778.5	1	0	22.19	-1.00	21.19	<=30	Pass
			7	22.06	-1.00	21.06	<=30	Pass
			14	22.22	-1.00	21.22	<=30	Pass
		8	0	21.26	-1.00	20.26	<=30	Pass
			4	21.27	-1.00	20.27	<=30	Pass
			7	21.17	-1.00	20.17	<=30	Pass
		15	0	21.28	-1.00	20.28	<=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	22.98	-1.00	21.98	<=30	Pass
			13	23.04	-1.00	22.04	<=30	Pass
			24	22.99	-1.00	21.99	<=30	Pass
		12	0	22.04	-1.00	21.04	<=30	Pass
			6	22.13	-1.00	21.13	<=30	Pass
			13	22.08	-1.00	21.08	<=30	Pass
		25	0	22.06	-1.00	21.06	<=30	Pass
	1745	1	0	22.93	-1.00	21.93	<=30	Pass
			13	23.00	-1.00	22.00	<=30	Pass
			24	22.96	-1.00	21.96	<=30	Pass
		12	0	21.96	-1.00	20.96	<=30	Pass
			6	21.99	-1.00	20.99	<=30	Pass
			13	21.96	-1.00	20.96	<=30	Pass
		25	0	21.95	-1.00	20.95	<=30	Pass
	1777.5	1	0	23.14	-1.00	22.14	<=30	Pass
			13	23.23	-1.00	22.23	<=30	Pass
			24	23.20	-1.00	22.20	<=30	Pass
		12	0	22.25	-1.00	21.25	<=30	Pass
			6	22.22	-1.00	21.22	<=30	Pass
			13	22.18	-1.00	21.18	<=30	Pass
		25	0	22.23	-1.00	21.23	<=30	Pass
16QAM	1712.5	1	0	22.07	-1.00	21.07	<=30	Pass
			13	22.15	-1.00	21.15	<=30	Pass
			24	22.05	-1.00	21.05	<=30	Pass
		12	0	21.09	-1.00	20.09	<=30	Pass
			6	21.15	-1.00	20.15	<=30	Pass
			13	21.11	-1.00	20.11	<=30	Pass
		25	0	21.07	-1.00	20.07	<=30	Pass
	1745	1	0	21.85	-1.00	20.85	<=30	Pass
			13	21.86	-1.00	20.86	<=30	Pass
			24	21.80	-1.00	20.80	<=30	Pass
		12	0	21.01	-1.00	20.01	<=30	Pass
			6	21.05	-1.00	20.05	<=30	Pass
			13	21.04	-1.00	20.04	<=30	Pass
		25	0	21.07	-1.00	20.07	<=30	Pass
	1777.5	1	0	22.50	-1.00	21.50	<=30	Pass
			13	22.59	-1.00	21.59	<=30	Pass
			24	22.55	-1.00	21.55	<=30	Pass
		12	0	21.24	-1.00	20.24	<=30	Pass
			6	21.25	-1.00	20.25	<=30	Pass
			13	21.21	-1.00	20.21	<=30	Pass
		25	0	21.25	-1.00	20.25	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.17	-1.00	22.17	<=30	Pass
			25	23.31	-1.00	22.31	<=30	Pass
			49	23.20	-1.00	22.20	<=30	Pass
		25	0	22.13	-1.00	21.13	<=30	Pass
			13	22.16	-1.00	21.16	<=30	Pass
			25	22.19	-1.00	21.19	<=30	Pass
		50	0	22.15	-1.00	21.15	<=30	Pass
	1745	1	0	22.99	-1.00	21.99	<=30	Pass
			25	23.11	-1.00	22.11	<=30	Pass
			49	23.00	-1.00	22.00	<=30	Pass
		25	0	22.04	-1.00	21.04	<=30	Pass
			13	22.04	-1.00	21.04	<=30	Pass
			25	22.05	-1.00	21.05	<=30	Pass
		50	0	22.04	-1.00	21.04	<=30	Pass
	1775	1	0	23.23	-1.00	22.23	<=30	Pass
			25	23.44	-1.00	22.44	<=30	Pass
			49	23.35	-1.00	22.35	<=30	Pass
		25	0	22.25	-1.00	21.25	<=30	Pass
			13	22.27	-1.00	21.27	<=30	Pass
			25	22.25	-1.00	21.25	<=30	Pass
		50	0	22.24	-1.00	21.24	<=30	Pass
16QAM	1715	1	0	22.02	-1.00	21.02	<=30	Pass
			25	22.08	-1.00	21.08	<=30	Pass
			49	22.04	-1.00	21.04	<=30	Pass
		25	0	21.23	-1.00	20.23	<=30	Pass
			13	21.25	-1.00	20.25	<=30	Pass
			25	21.29	-1.00	20.29	<=30	Pass
		50	0	21.18	-1.00	20.18	<=30	Pass
	1745	1	0	22.03	-1.00	21.03	<=30	Pass
			25	22.04	-1.00	21.04	<=30	Pass
			49	21.95	-1.00	20.95	<=30	Pass
		25	0	21.13	-1.00	20.13	<=30	Pass
			13	21.09	-1.00	20.09	<=30	Pass
			25	21.09	-1.00	20.09	<=30	Pass
		50	0	21.04	-1.00	20.04	<=30	Pass
	1775	1	0	22.55	-1.00	21.55	<=30	Pass
			25	22.61	-1.00	21.61	<=30	Pass
			49	22.65	-1.00	21.65	<=30	Pass
		25	0	21.30	-1.00	20.30	<=30	Pass
			13	21.30	-1.00	20.30	<=30	Pass
			25	21.29	-1.00	20.29	<=30	Pass
		50	0	21.27	-1.00	20.27	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.09	-1.00	22.09	<=30	Pass
			38	23.23	-1.00	22.23	<=30	Pass
			74	23.08	-1.00	22.08	<=30	Pass
		36	0	22.16	-1.00	21.16	<=30	Pass
			18	22.25	-1.00	21.25	<=30	Pass
			39	22.19	-1.00	21.19	<=30	Pass
		75	0	22.16	-1.00	21.16	<=30	Pass
	1745	1	0	22.90	-1.00	21.90	<=30	Pass
			38	23.04	-1.00	22.04	<=30	Pass
			74	22.89	-1.00	21.89	<=30	Pass
		36	0	22.04	-1.00	21.04	<=30	Pass
			18	22.14	-1.00	21.14	<=30	Pass
			39	22.15	-1.00	21.15	<=30	Pass
		75	0	22.10	-1.00	21.10	<=30	Pass
	1772.5	1	0	23.08	-1.00	22.08	<=30	Pass
			38	23.27	-1.00	22.27	<=30	Pass
			74	23.24	-1.00	22.24	<=30	Pass
		36	0	22.21	-1.00	21.21	<=30	Pass
			18	22.31	-1.00	21.31	<=30	Pass
			39	22.35	-1.00	21.35	<=30	Pass
		75	0	22.30	-1.00	21.30	<=30	Pass
16QAM	1717.5	1	0	21.92	-1.00	20.92	<=30	Pass
			38	22.05	-1.00	21.05	<=30	Pass
			74	21.94	-1.00	20.94	<=30	Pass
		36	0	21.12	-1.00	20.12	<=30	Pass
			18	21.19	-1.00	20.19	<=30	Pass
			39	21.21	-1.00	20.21	<=30	Pass
		75	0	21.17	-1.00	20.17	<=30	Pass
	1745	1	0	21.98	-1.00	20.98	<=30	Pass
			38	22.00	-1.00	21.00	<=30	Pass
			74	21.82	-1.00	20.82	<=30	Pass
		36	0	21.04	-1.00	20.04	<=30	Pass
			18	21.08	-1.00	20.08	<=30	Pass
			39	21.08	-1.00	20.08	<=30	Pass
		75	0	21.08	-1.00	20.08	<=30	Pass
	1772.5	1	0	22.06	-1.00	21.06	<=30	Pass
			38	22.17	-1.00	21.17	<=30	Pass
			74	22.10	-1.00	21.10	<=30	Pass
		36	0	21.20	-1.00	20.20	<=30	Pass
			18	21.29	-1.00	20.29	<=30	Pass
			39	21.33	-1.00	20.33	<=30	Pass
		75	0	21.27	-1.00	20.27	<=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	22.85	-1.00	21.85	<=30	Pass
			50	23.15	-1.00	22.15	<=30	Pass
			99	22.80	-1.00	21.80	<=30	Pass
		50	0	22.02	-1.00	21.02	<=30	Pass
			25	22.11	-1.00	21.11	<=30	Pass
			50	22.08	-1.00	21.08	<=30	Pass
		100	0	22.02	-1.00	21.02	<=30	Pass
	1745	1	0	22.84	-1.00	21.84	<=30	Pass
			50	23.13	-1.00	22.13	<=30	Pass
			99	22.73	-1.00	21.73	<=30	Pass
		50	0	21.95	-1.00	20.95	<=30	Pass
			25	22.01	-1.00	21.01	<=30	Pass
			50	22.05	-1.00	21.05	<=30	Pass
		100	0	22.01	-1.00	21.01	<=30	Pass
	1770	1	0	22.82	-1.00	21.82	<=30	Pass
			50	23.29	-1.00	22.29	<=30	Pass
			99	23.07	-1.00	22.07	<=30	Pass
		50	0	22.18	-1.00	21.18	<=30	Pass
			25	22.24	-1.00	21.24	<=30	Pass
			50	22.22	-1.00	21.22	<=30	Pass
		100	0	22.19	-1.00	21.19	<=30	Pass
16QAM	1720	1	0	22.23	-1.00	21.23	<=30	Pass
			50	22.53	-1.00	21.53	<=30	Pass
			99	22.32	-1.00	21.32	<=30	Pass
		50	0	21.07	-1.00	20.07	<=30	Pass
			25	21.21	-1.00	20.21	<=30	Pass
			50	21.15	-1.00	20.15	<=30	Pass
		100	0	21.12	-1.00	20.12	<=30	Pass
	1745	1	0	21.87	-1.00	20.87	<=30	Pass
			50	22.05	-1.00	21.05	<=30	Pass
			99	21.72	-1.00	20.72	<=30	Pass
		50	0	21.01	-1.00	20.01	<=30	Pass
			25	21.06	-1.00	20.06	<=30	Pass
			50	21.06	-1.00	20.06	<=30	Pass
		100	0	21.04	-1.00	20.04	<=30	Pass
	1770	1	0	21.71	-1.00	20.71	<=30	Pass
			50	22.13	-1.00	21.13	<=30	Pass
			99	21.88	-1.00	20.88	<=30	Pass
		50	0	21.27	-1.00	20.27	<=30	Pass
			25	21.31	-1.00	20.31	<=30	Pass
			50	21.26	-1.00	20.26	<=30	Pass
		100	0	21.26	-1.00	20.26	<=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	-6.609	-0.0039	-2.5 to 2.5	Pass
					3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
					4.43	-12.989	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-7.653	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-11.387	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-12.560	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-9.456	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-16.894	-0.0097	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
					4.43	-8.125	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				30	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				40	3.85	-7.496	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-8.683	-0.0049	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	3.061	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-10.729	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.303	0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
				30	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				40	3.85	-8.125	-0.0046	-2.5 to 2.5	Pass
				50	3.85	4.120	0.0023	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-6.123	-0.0036	-2.5 to 2.5	Pass
					3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
					4.43	-12.674	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-11.945	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				10	3.85	3.834	0.0022	-2.5 to 2.5	Pass
				30	3.85	-10.242	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-8.526	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-3.204	-0.0018	-2.5 to 2.5	Pass
					3.85	-11.172	-0.0064	-2.5 to 2.5	Pass
					4.43	-10.285	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	2.861	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-11.916	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass

				0	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-8.082	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-9.556	-0.0055	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-4.306	-0.0024	-2.5 to 2.5	Pass
					3.85	-10.457	-0.0059	-2.5 to 2.5	Pass
					4.43	4.406	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-10.529	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-13.161	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	3.591	0.0020	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-7.482	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-12.774	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-5.164	-0.0029	-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	-14.977	-0.0088	-2.5 to 2.5	Pass
					3.85	-9.999	-0.0058	-2.5 to 2.5	Pass
					4.43	-4.363	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-9.370	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				0	3.85	9.627	0.0056	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				30	3.85	-9.184	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-9.055	-0.0053	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-8.984	-0.0051	-2.5 to 2.5	Pass
					3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
					4.43	-11.959	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-12.760	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	3.405	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-8.869	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-9.155	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	-10.700	-0.0060	-2.5 to 2.5	Pass
					4.43	-10.486	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	2.346	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-13.976	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				0	3.85	-10.057	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-14.277	-0.0080	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-14.834	-0.0083	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-0.629	-0.0004	-2.5 to 2.5	Pass
					3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
					4.43	-2.146	-0.0013	-2.5 to 2.5	Pass

				-30	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-7.768	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-4.892	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-11.201	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.608	-0.0033	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-2.761	-0.0016	-2.5 to 2.5	Pass
					3.85	-14.849	-0.0085	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-8.998	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-13.418	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-10.643	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-13.218	-0.0076	-2.5 to 2.5	Pass
				30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				40	3.85	-14.520	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
					4.43	-11.802	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-5.164	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-12.460	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-8.025	-0.0045	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				10	3.85	5.307	0.0030	-2.5 to 2.5	Pass
				30	3.85	2.718	0.0015	-2.5 to 2.5	Pass
				40	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-12.002	-0.0067	-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	-6.895	-0.0040	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	2.789	0.0016	-2.5 to 2.5	Pass
				-30	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				-20	3.85	4.492	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-9.642	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-6.952	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-9.141	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.877	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.206	-0.0025	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-9.713	-0.0056	-2.5 to 2.5	Pass
					3.85	6.008	0.0034	-2.5 to 2.5	Pass
					4.43	-5.107	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	5.865	0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-12.946	-0.0074	-2.5 to 2.5	Pass
				30	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				40	3.85	-8.440	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-9.584	-0.0055	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.27	2.904	0.0016	-2.5 to 2.5	Pass
					3.85	4.349	0.0024	-2.5 to 2.5	Pass
					4.43	4.492	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-8.025	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-10.142	-0.0057	-2.5 to 2.5	Pass
				0	3.85	5.994	0.0034	-2.5 to 2.5	Pass
				10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-11.873	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-9.041	-0.0053	-2.5 to 2.5	Pass
					3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.975	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	3.877	0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-10.500	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0006	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-9.899	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-10.700	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-7.939	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	0.801	0.0005	-2.5 to 2.5	Pass
					3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
					4.43	-8.483	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-8.583	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-6.351	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-7.610	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-4.921	-0.0028	-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	-9.470	-0.0055	-2.5 to 2.5	Pass
					3.85	-7.882	-0.0046	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass

				30	3.85	-12.259	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-10.414	-0.0061	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-8.011	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-6.309	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				30	3.85	5.579	0.0032	-2.5 to 2.5	Pass
				40	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-6.895	-0.0039	-2.5 to 2.5	Pass
					3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
					4.43	-5.765	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				30	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-8.512	-0.0050	-2.5 to 2.5	Pass
					3.85	-6.366	-0.0037	-2.5 to 2.5	Pass
					4.43	-5.937	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-12.116	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-11.830	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-9.785	-0.0057	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
					4.43	-7.668	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	0.973	0.0005	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
					4.43	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.047	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	3.319	0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-7.339	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0026	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.059	0.0006	-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	-4.020	-0.0023	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
					4.43	-3.505	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-5.465	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-7.482	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-10.886	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-8.540	-0.0050	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-8.025	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
					4.43	2.418	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				10	3.85	2.661	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-8.855	-0.0050	-2.5 to 2.5	Pass
					3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-10.629	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.302	0.0007	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-5.336	-0.0031	-2.5 to 2.5	Pass
					3.85	-8.240	-0.0048	-2.5 to 2.5	Pass
					4.43	-3.061	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				0	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
					4.43	-3.433	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-8.740	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.27	-6.351	-0.0036	-2.5 to 2.5	Pass
					3.85	0.100	0.0001	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0018	-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	-4.206	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
					4.43	-3.233	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-5.965	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.247	-0.0019	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					4.43	-2.789	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-10.171	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-5.364	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
					4.43	0.587	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.591	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-6.065	-0.0034	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass

				30	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-6.709	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.938	-0.0040	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.809	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-8.154	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-8.354	-0.0048	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-6.609	-0.0037	-2.5 to 2.5	Pass
					3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-8.755	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-8.512	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				30	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.988	-0.0011	-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

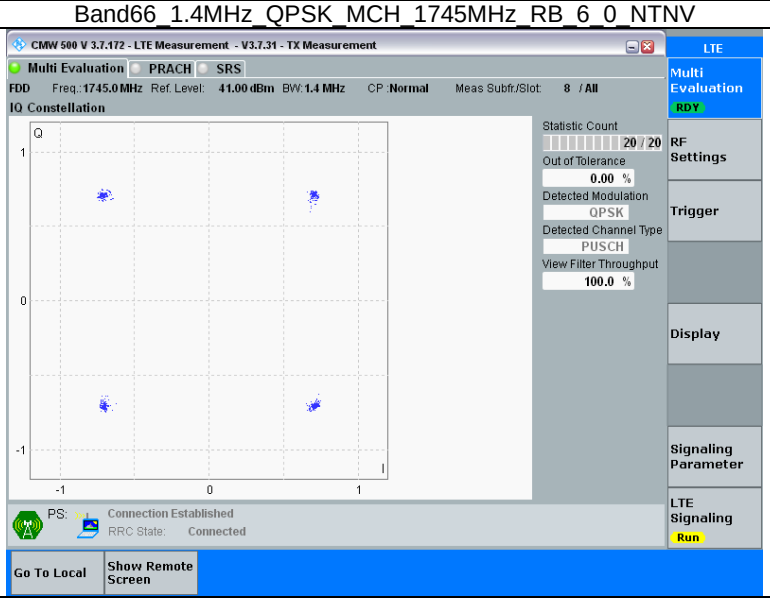
3.1.6 B66_20MHz

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

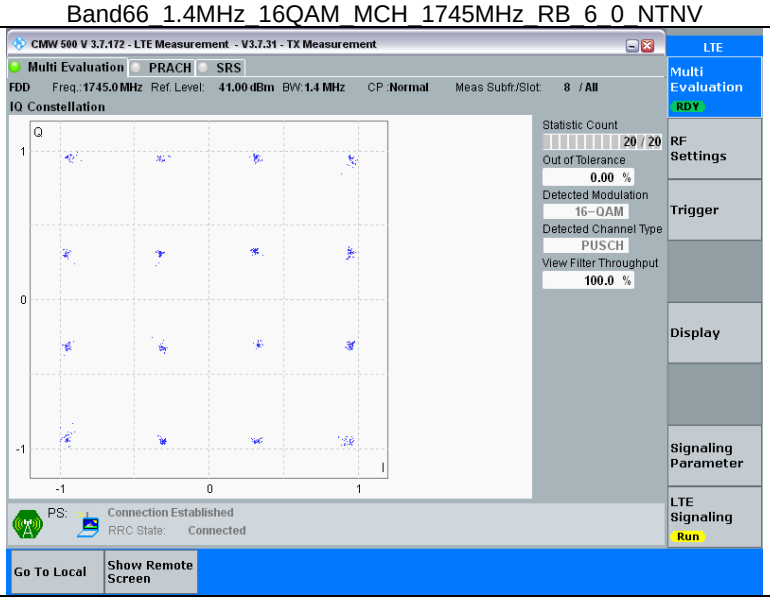
3.2 Test Graph

3.2.1 B66_1.4MHz

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV

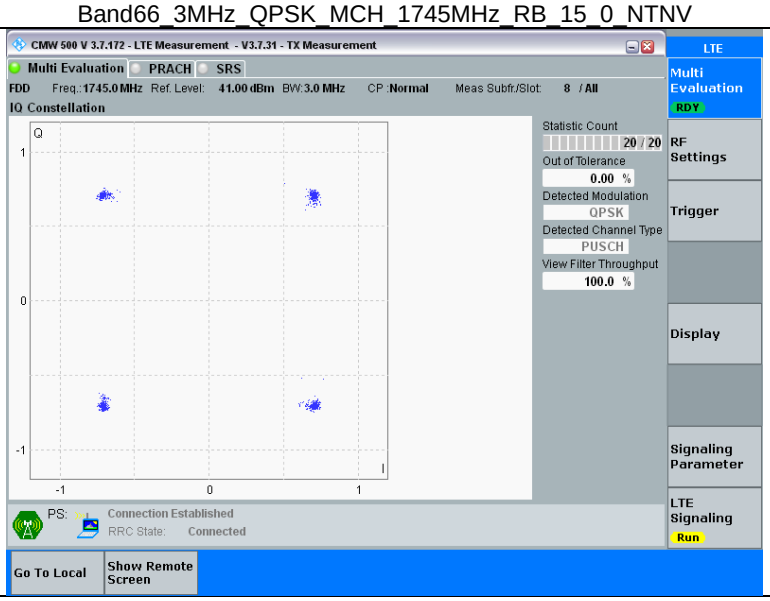


Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV

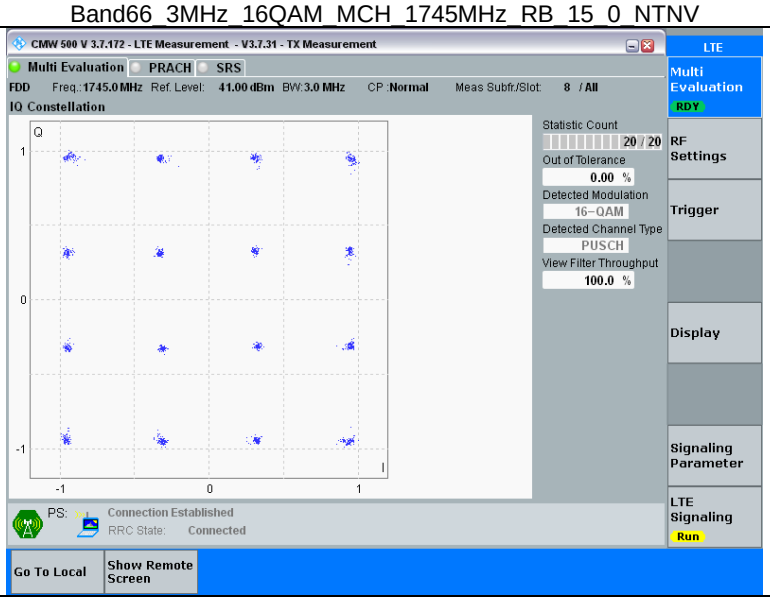


3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

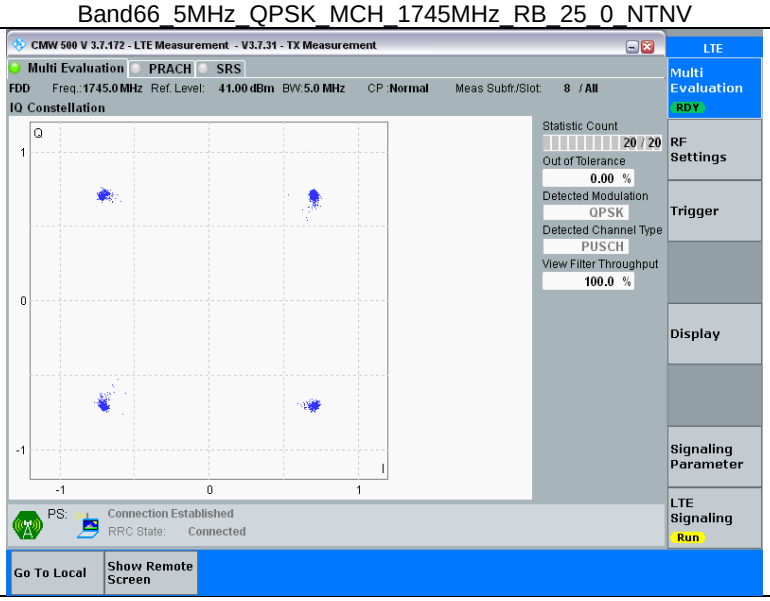


Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

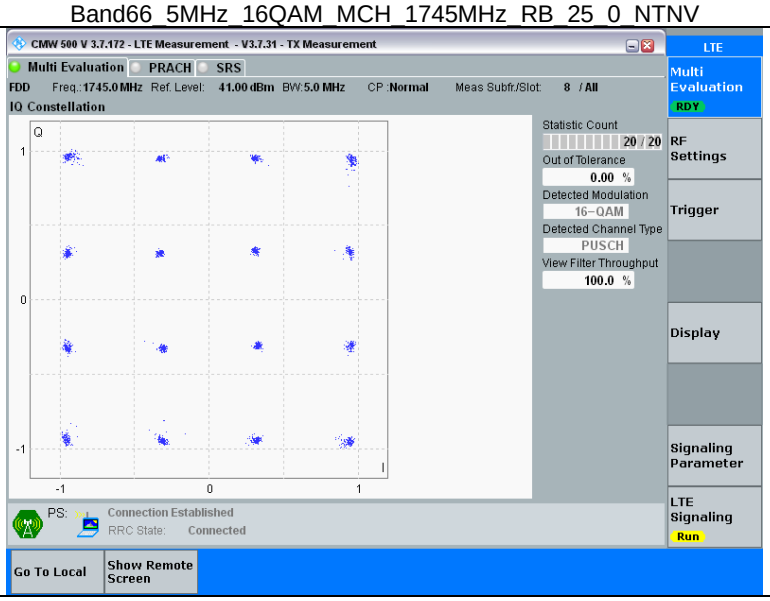


3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

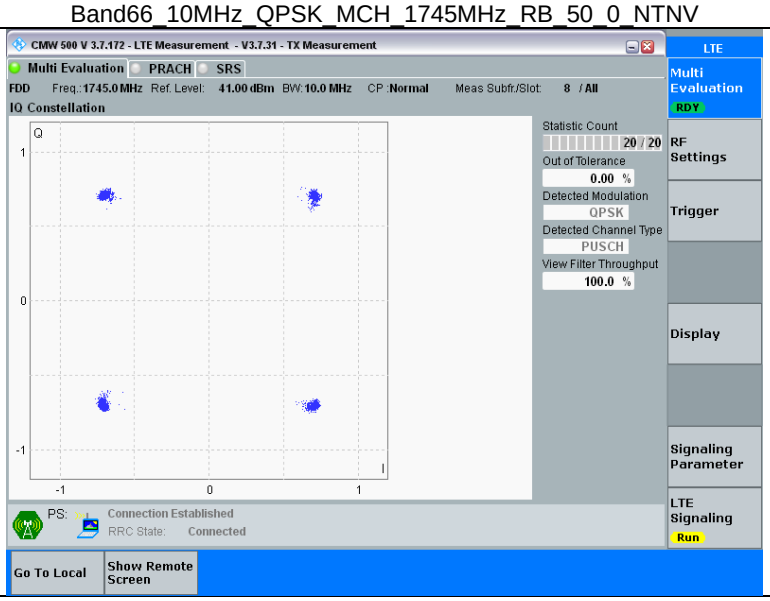


Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

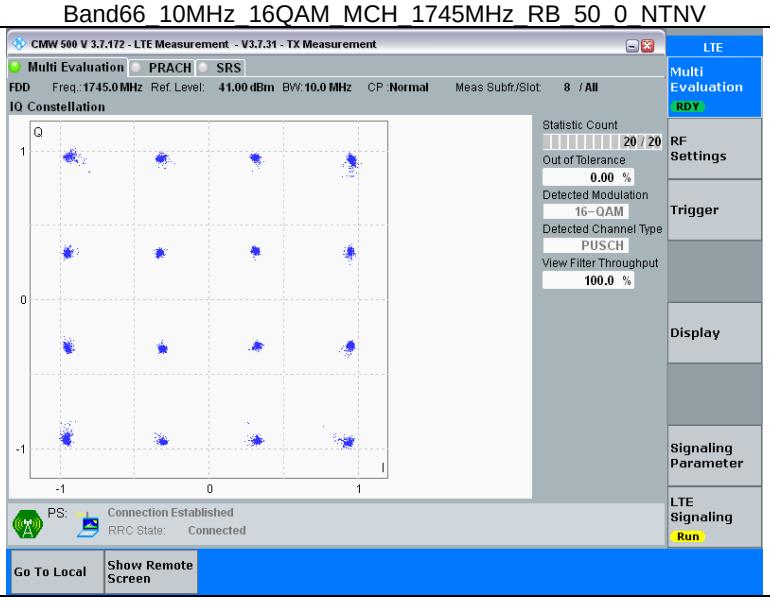


3.2.4 B66_10MHz

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

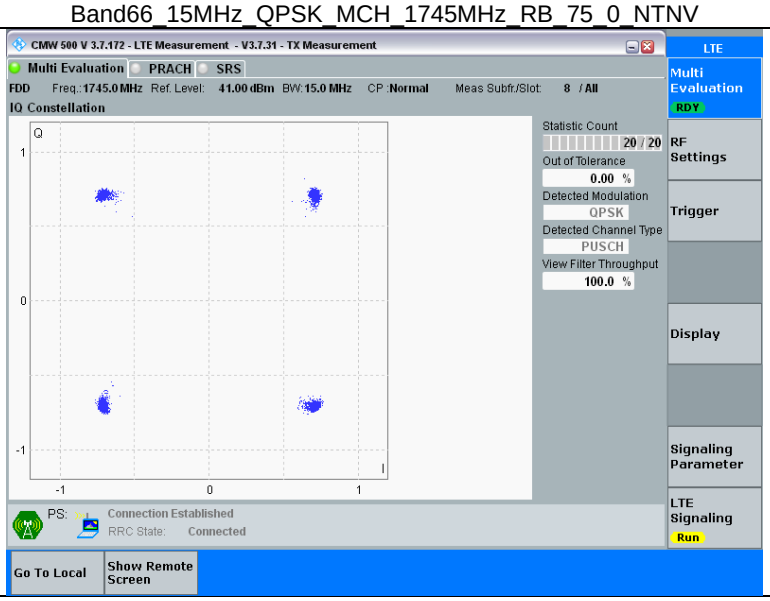


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

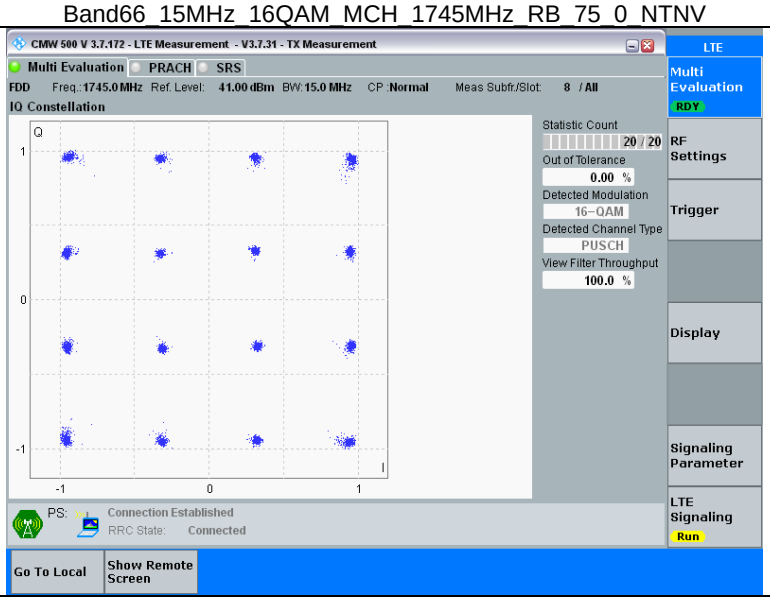


3.2.5 B66_15MHz

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

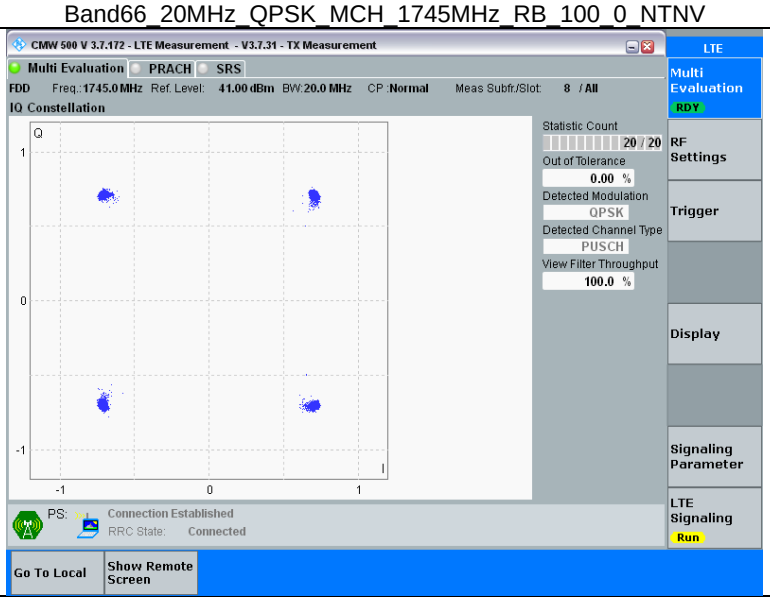


Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

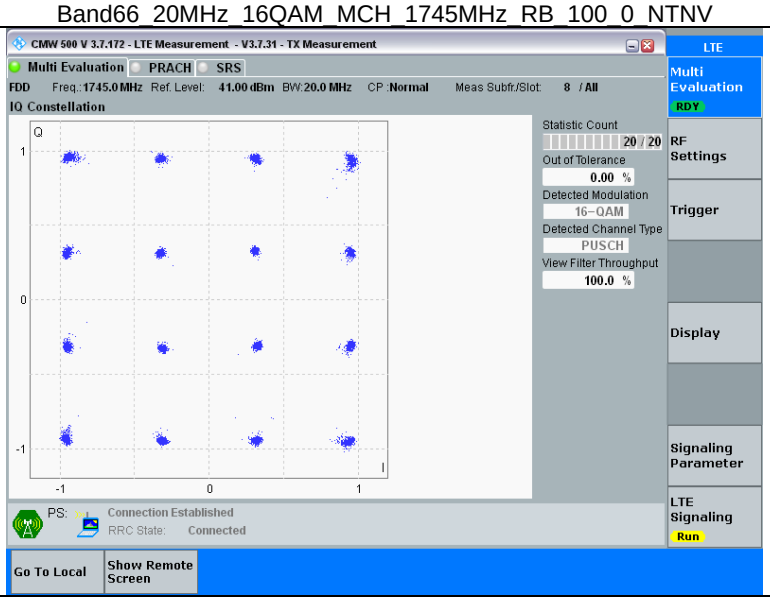


3.2.6 B66_20MHz

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	1.112	/	Pass
		1745	6	0	1.105	/	Pass
		1779.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.102	/	Pass
		1745	6	0	1.118	/	Pass
		1779.3	6	0	1.109	/	Pass
3	QPSK	1711.5	15	0	2.731	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.727	/	Pass
	16QAM	1711.5	15	0	2.720	/	Pass
		1745	15	0	2.716	/	Pass
		1778.5	15	0	2.731	/	Pass
5	QPSK	1712.5	25	0	4.596	/	Pass
		1745	25	0	4.572	/	Pass
		1777.5	25	0	4.602	/	Pass
	16QAM	1712.5	25	0	4.593	/	Pass
		1745	25	0	4.600	/	Pass
		1777.5	25	0	4.590	/	Pass
10	QPSK	1715	50	0	9.055	/	Pass
		1745	50	0	9.104	/	Pass
		1775	50	0	9.105	/	Pass
	16QAM	1715	50	0	9.096	/	Pass
		1745	50	0	9.106	/	Pass
		1775	50	0	9.092	/	Pass
15	QPSK	1717.5	75	0	13.626	/	Pass
		1745	75	0	13.628	/	Pass
		1772.5	75	0	13.604	/	Pass
	16QAM	1717.5	75	0	13.655	/	Pass
		1745	75	0	13.687	/	Pass
		1772.5	75	0	13.646	/	Pass
20	QPSK	1720	100	0	18.134	/	Pass
		1745	100	0	18.165	/	Pass
		1770	100	0	18.077	/	Pass
	16QAM	1720	100	0	18.214	/	Pass
		1745	100	0	18.130	/	Pass
		1770	100	0	18.133	/	Pass

4.1.2 Band66_XDB

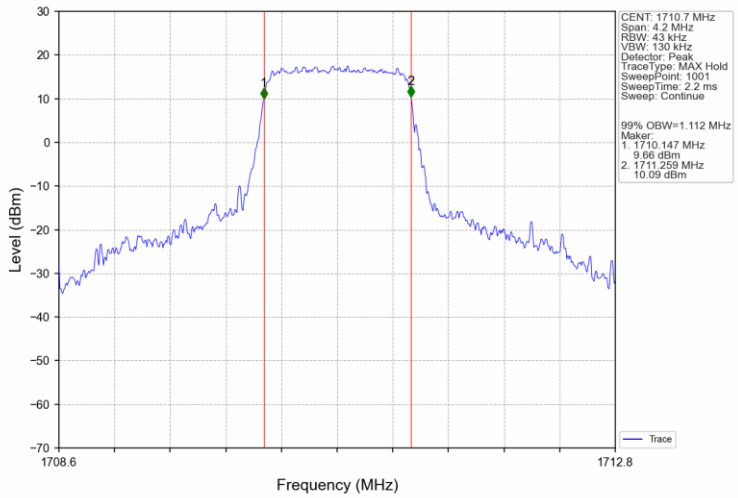
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.332	/	Pass
		1745	6	0	1.339	/	Pass
		1779.3	6	0	1.313	/	Pass

	16QAM	1710.7	6	0	1.314	/	Pass
		1745	6	0	1.323	/	Pass
		1779.3	6	0	1.305	/	Pass
3	QPSK	1711.5	15	0	2.992	/	Pass
		1745	15	0	2.988	/	Pass
		1778.5	15	0	2.999	/	Pass
	16QAM	1711.5	15	0	2.989	/	Pass
		1745	15	0	3.018	/	Pass
		1778.5	15	0	2.978	/	Pass
5	QPSK	1712.5	25	0	6.068	/	Pass
		1745	25	0	5.237	/	Pass
		1777.5	25	0	5.278	/	Pass
	16QAM	1712.5	25	0	5.304	/	Pass
		1745	25	0	5.326	/	Pass
		1777.5	25	0	5.294	/	Pass
10	QPSK	1715	50	0	10.634	/	Pass
		1745	50	0	10.355	/	Pass
		1775	50	0	10.204	/	Pass
	16QAM	1715	50	0	10.221	/	Pass
		1745	50	0	10.202	/	Pass
		1775	50	0	10.287	/	Pass
15	QPSK	1717.5	75	0	15.478	/	Pass
		1745	75	0	15.472	/	Pass
		1772.5	75	0	17.533	/	Pass
	16QAM	1717.5	75	0	17.314	/	Pass
		1745	75	0	15.370	/	Pass
		1772.5	75	0	15.365	/	Pass
20	QPSK	1720	100	0	20.077	/	Pass
		1745	100	0	20.288	/	Pass
		1770	100	0	20.098	/	Pass
	16QAM	1720	100	0	20.074	/	Pass
		1745	100	0	19.970	/	Pass
		1770	100	0	20.090	/	Pass

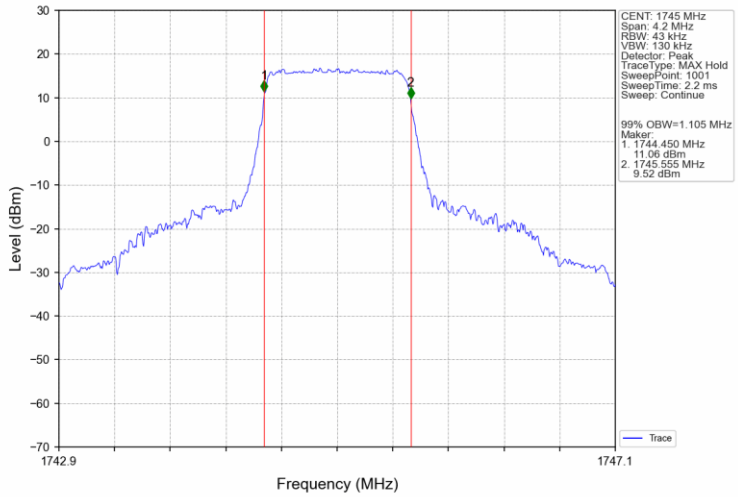
4.2 Test Graph

4.2.1 Band66_OBW

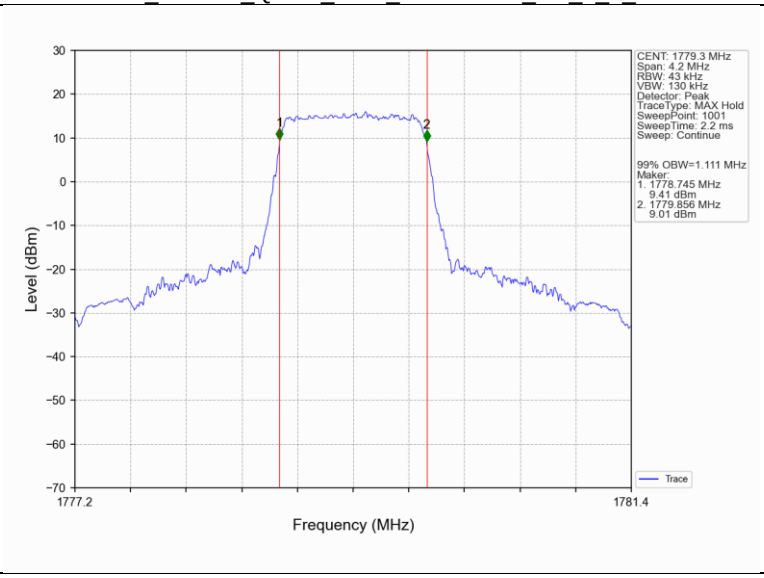
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



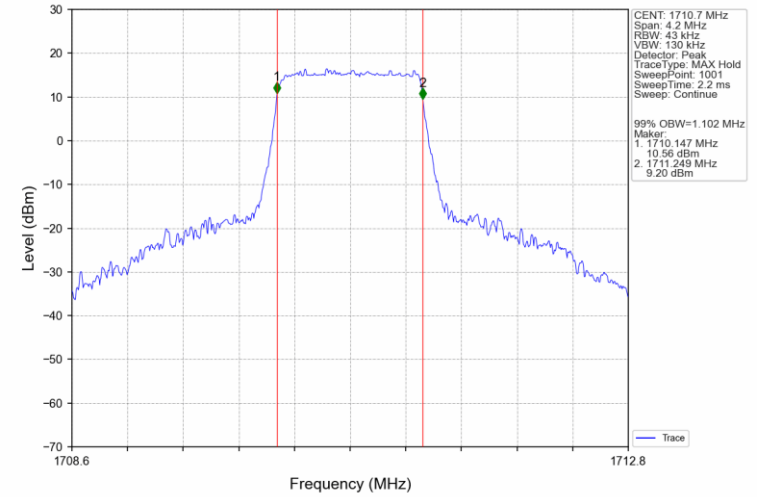
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



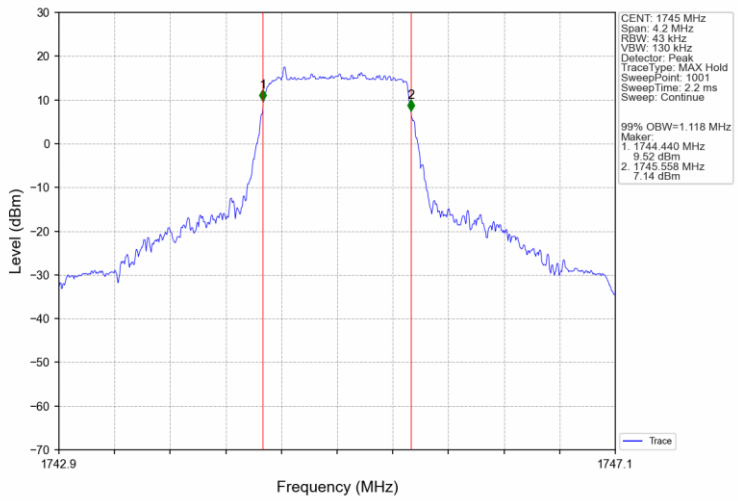
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



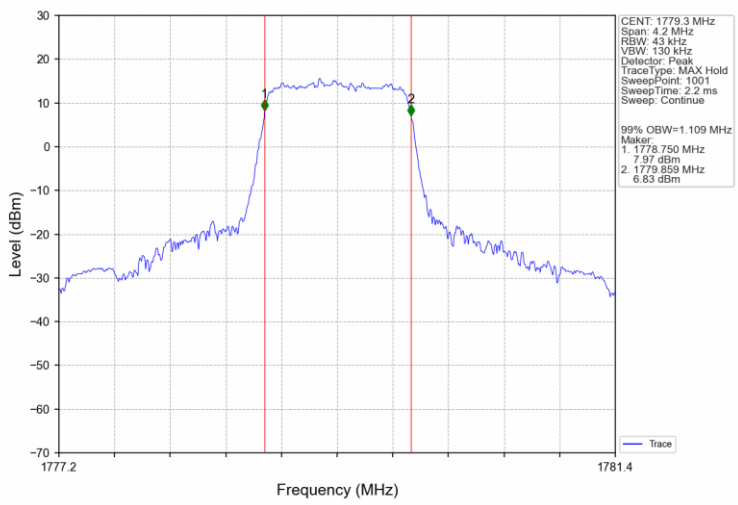
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



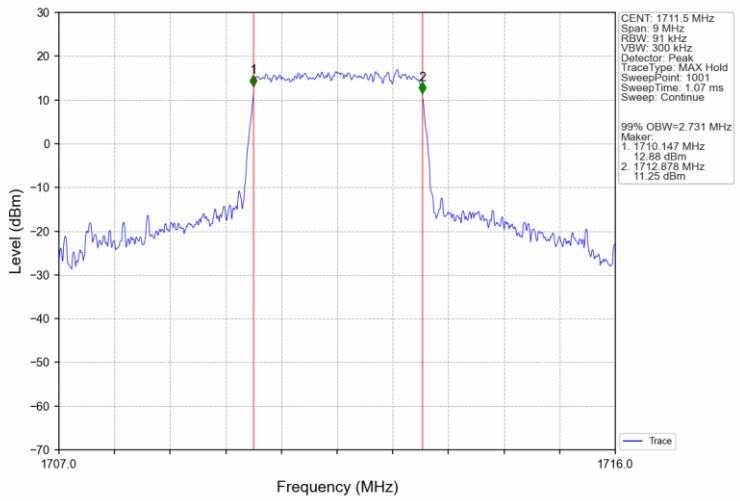
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



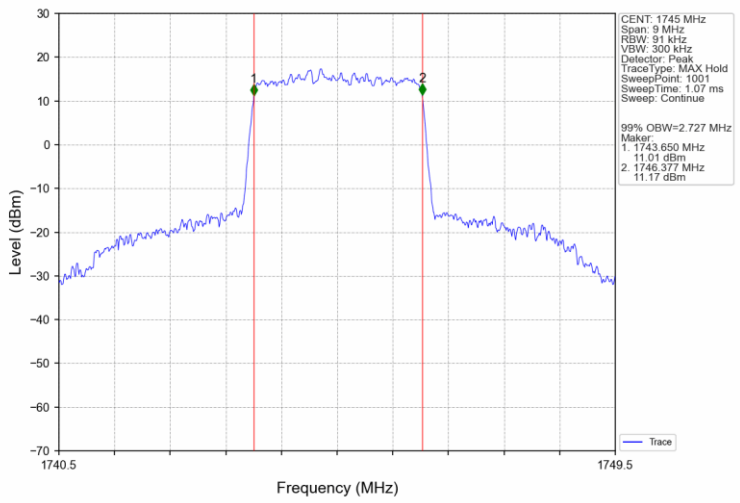
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



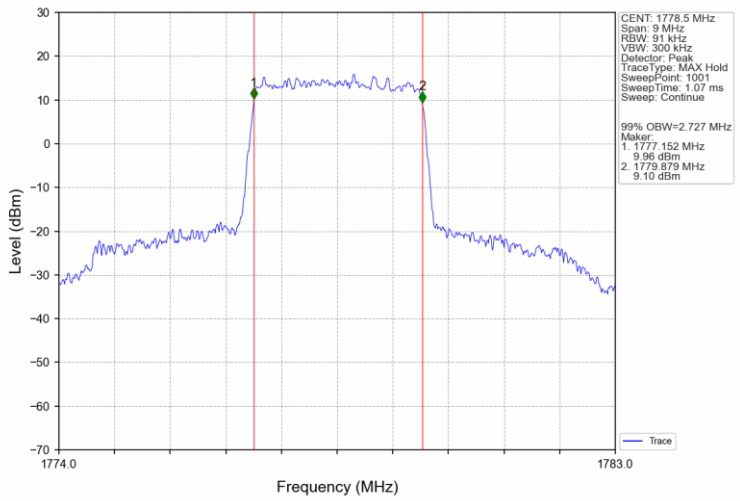
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



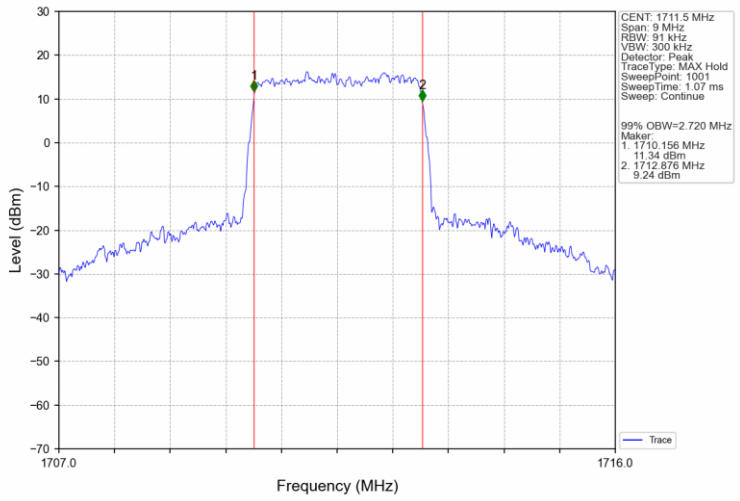
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



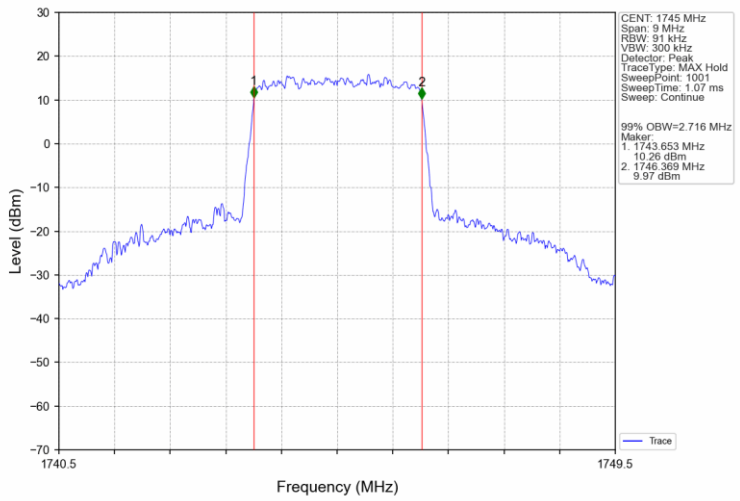
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



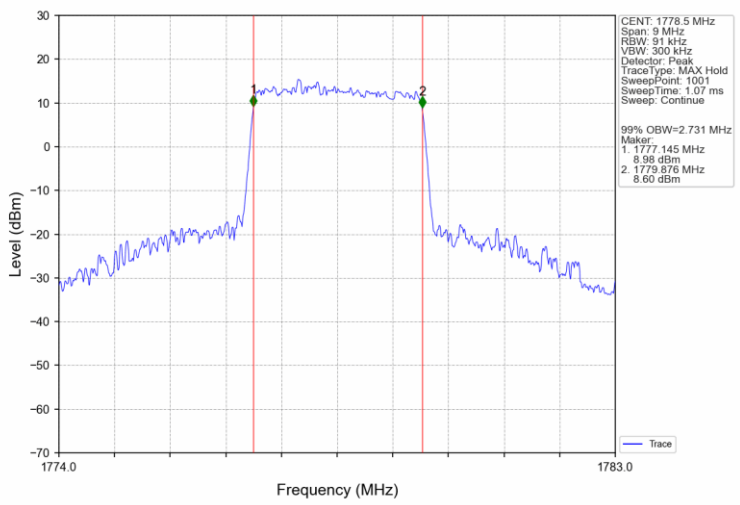
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



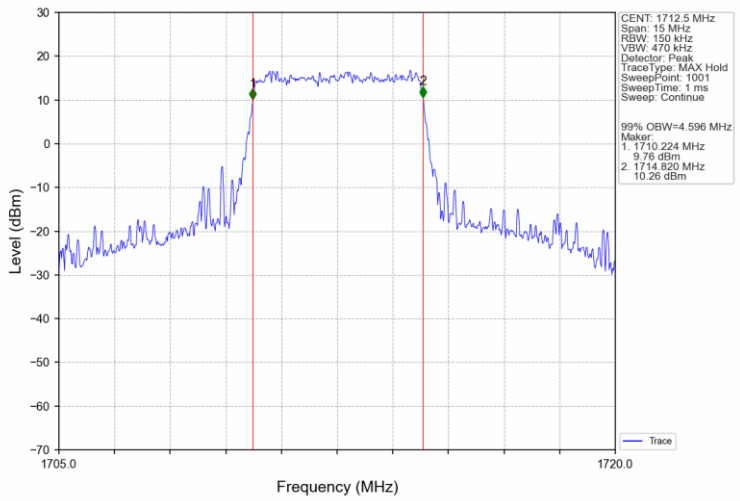
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



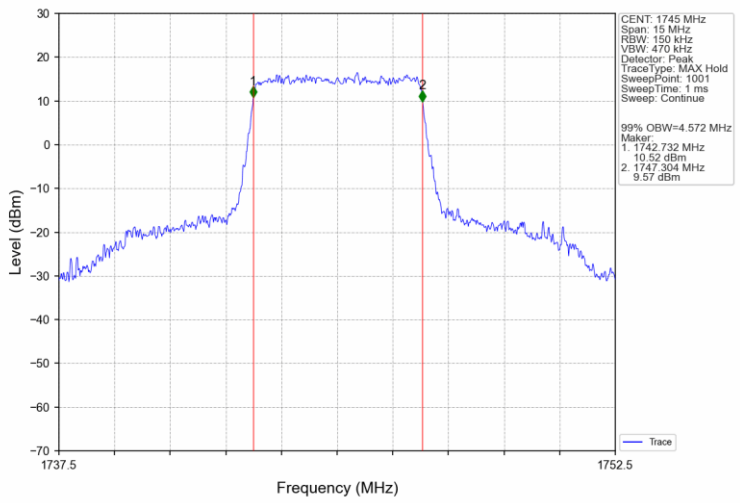
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



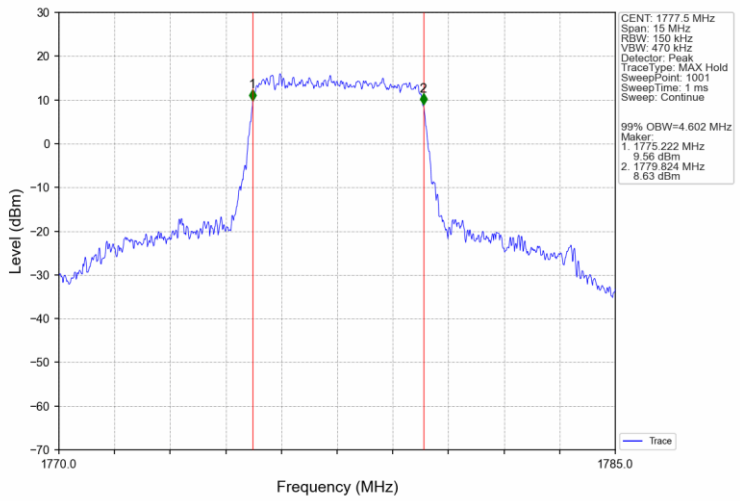
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



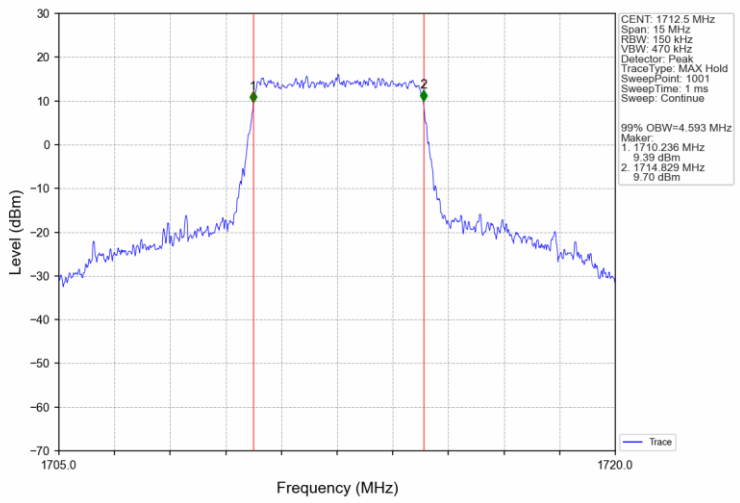
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



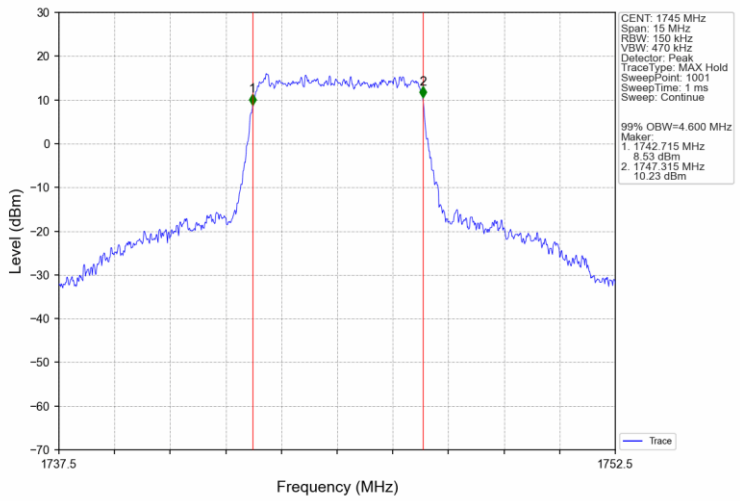
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



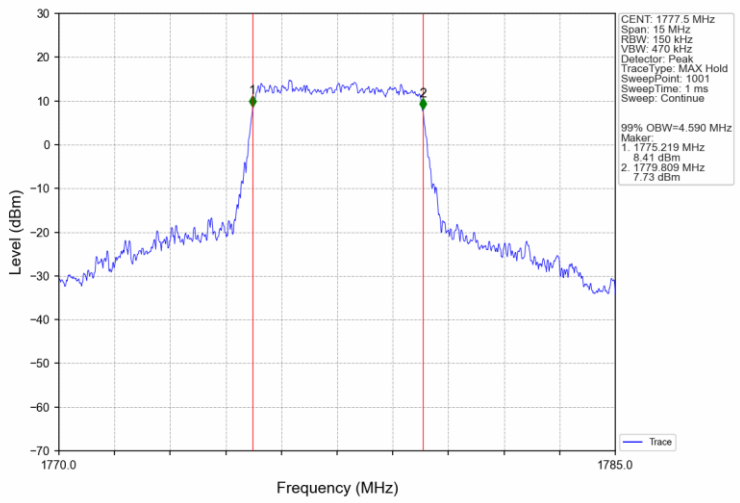
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



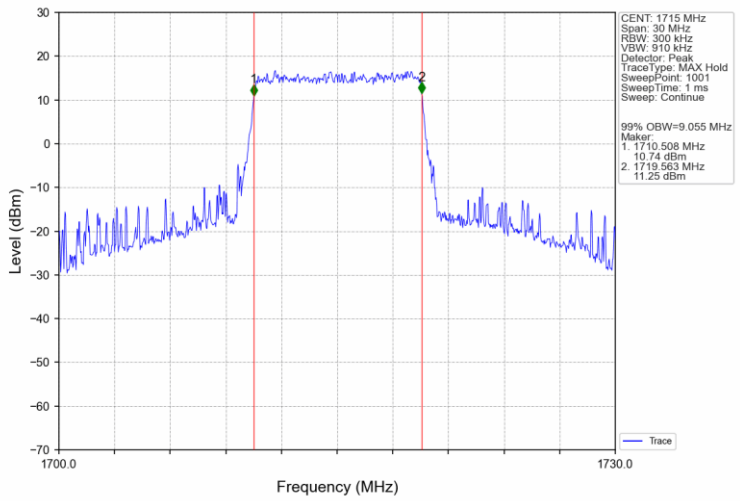
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



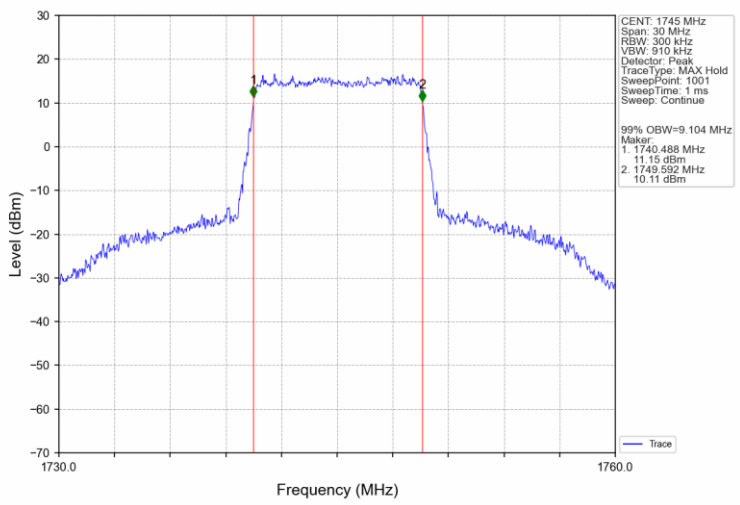
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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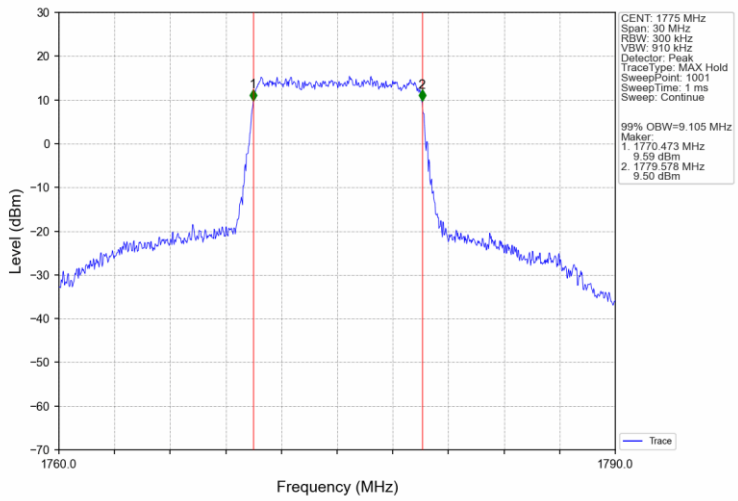
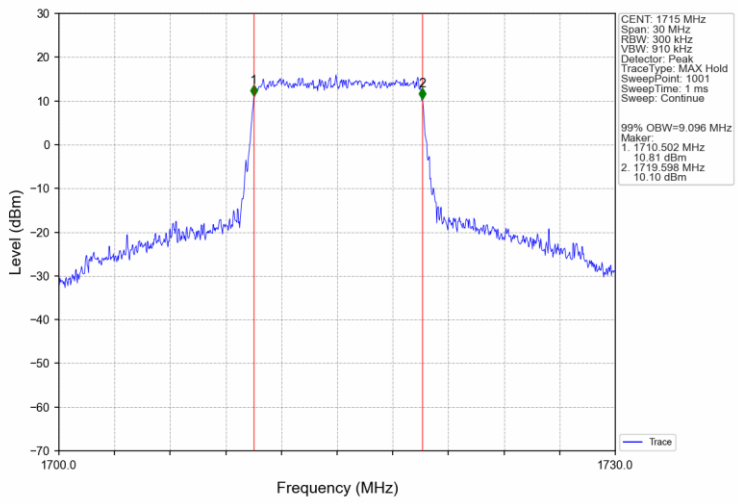
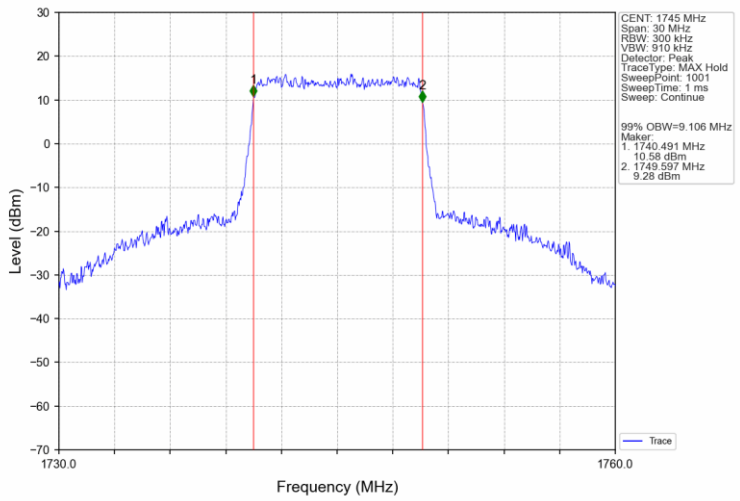


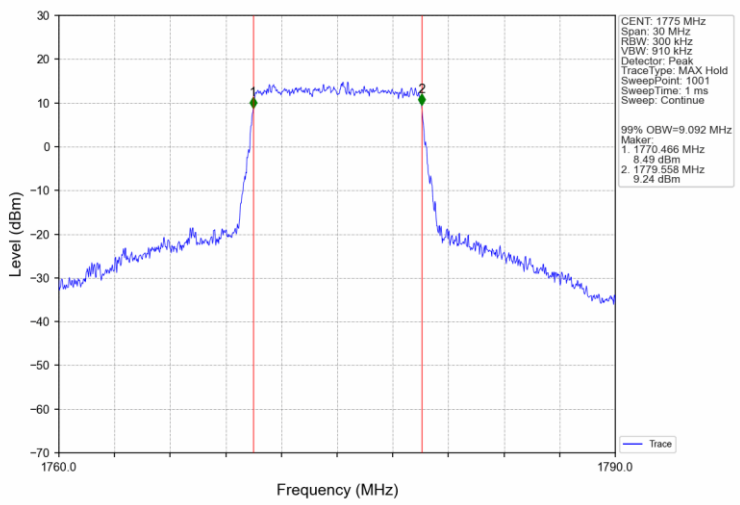
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



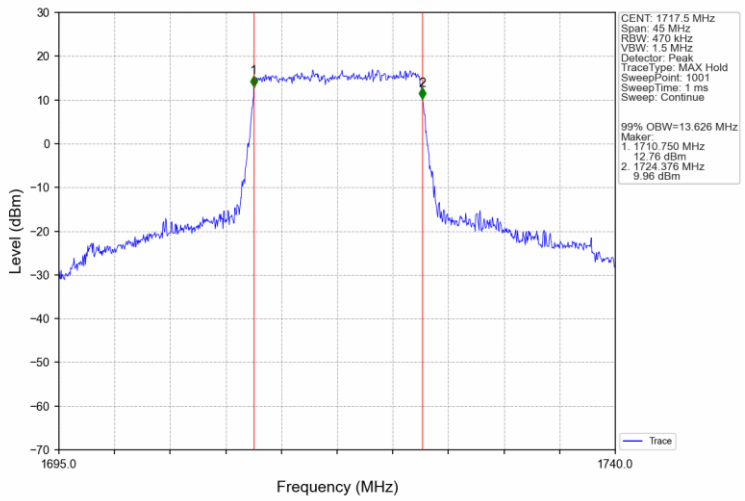
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



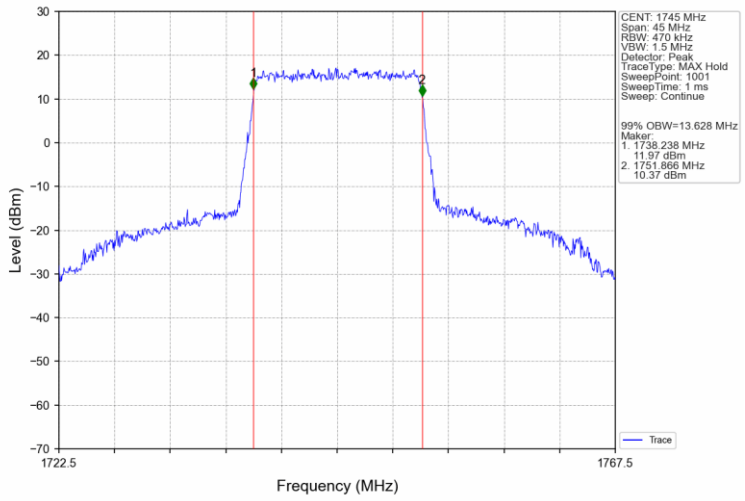
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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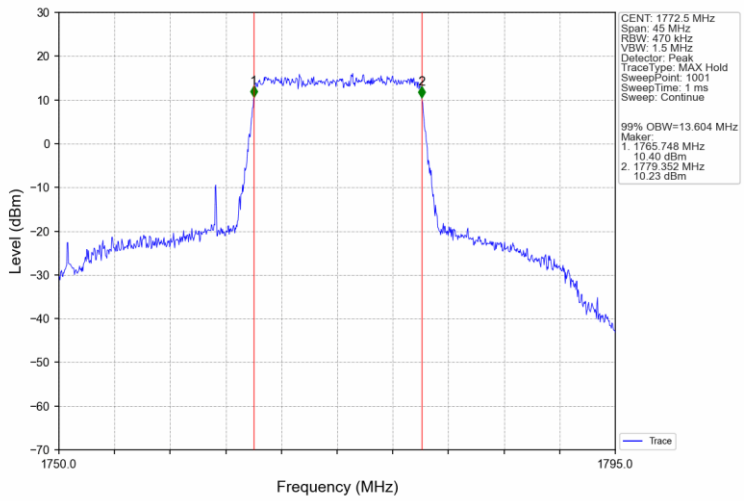
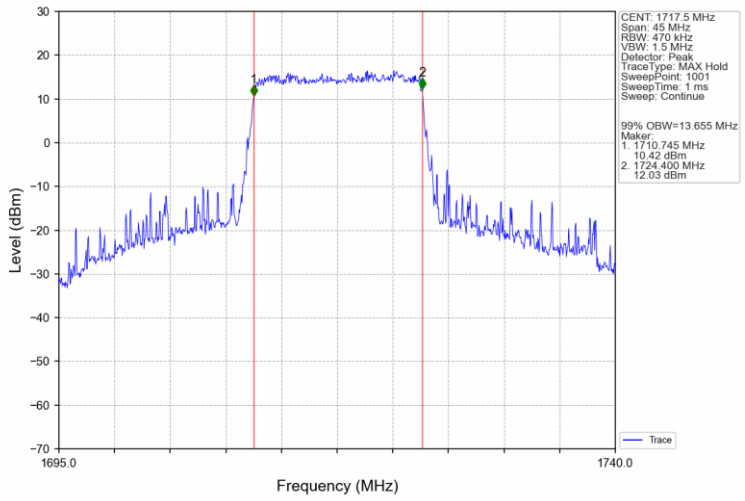
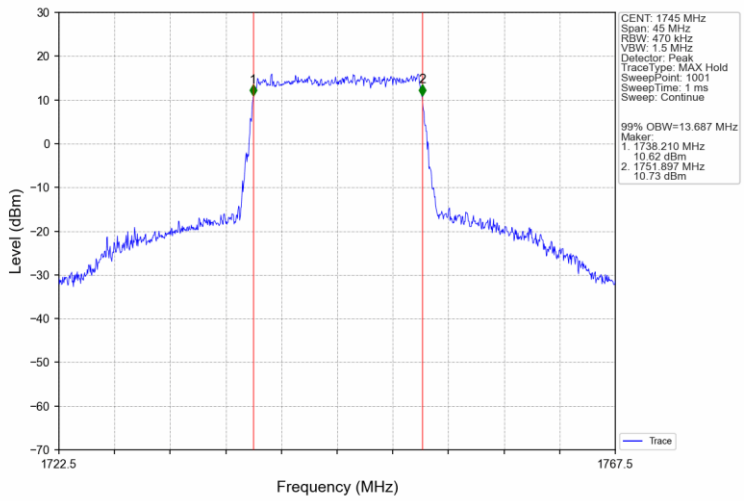


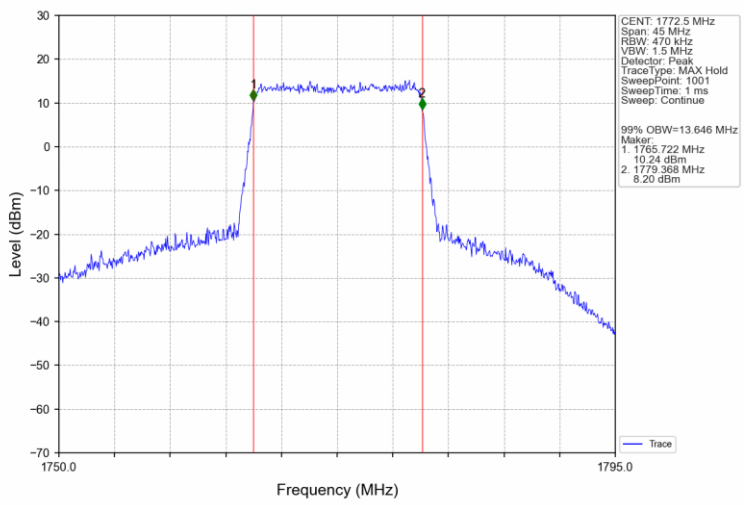
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



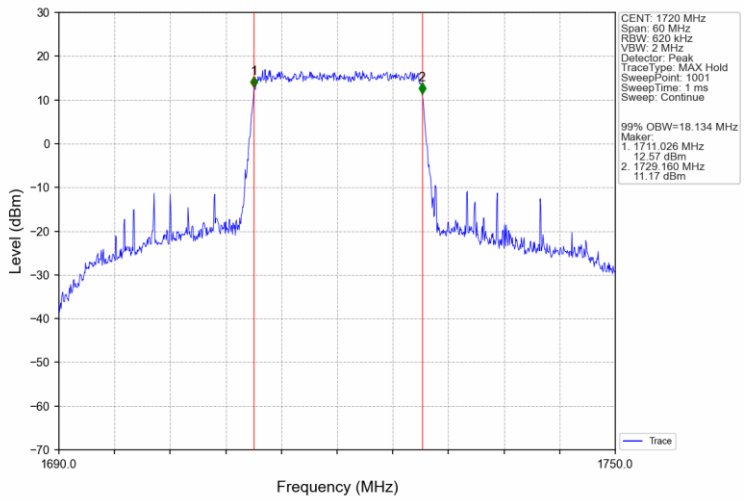
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



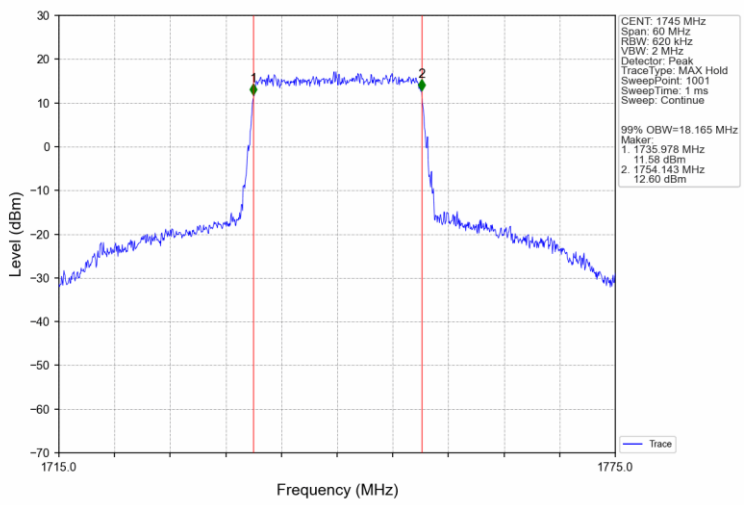
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



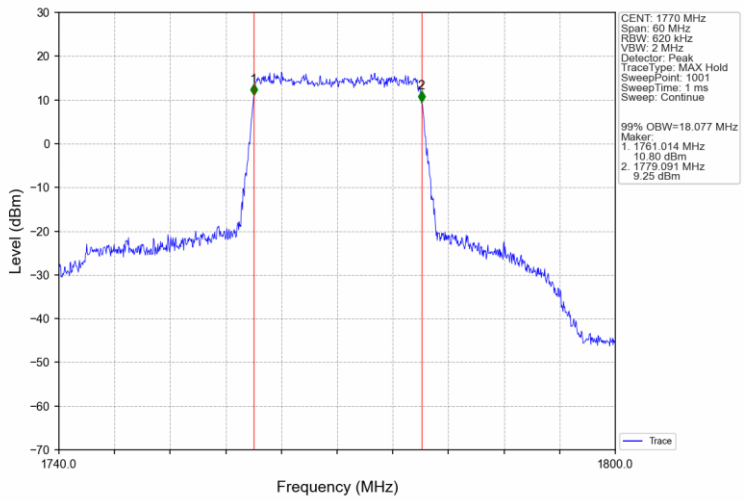
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



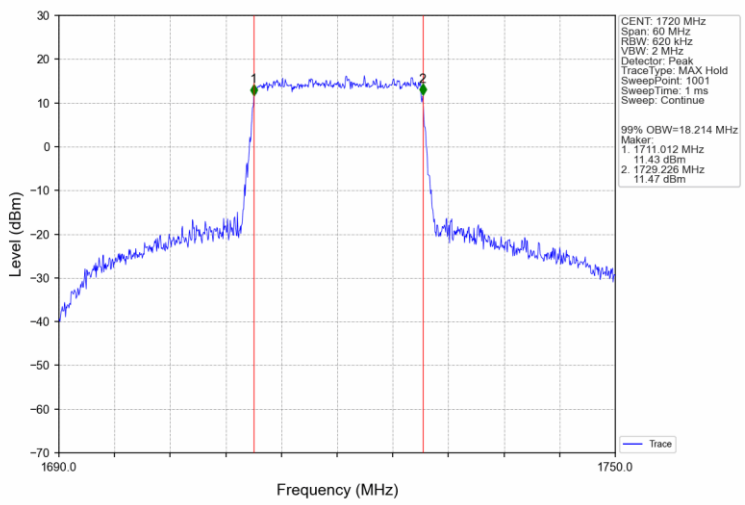
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



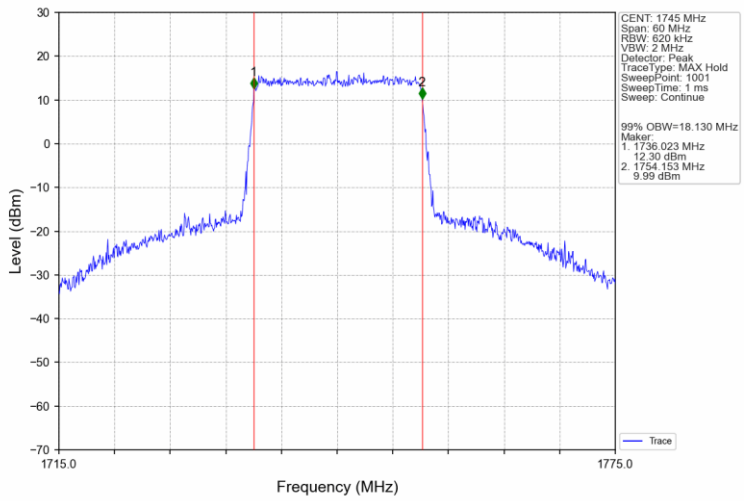
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



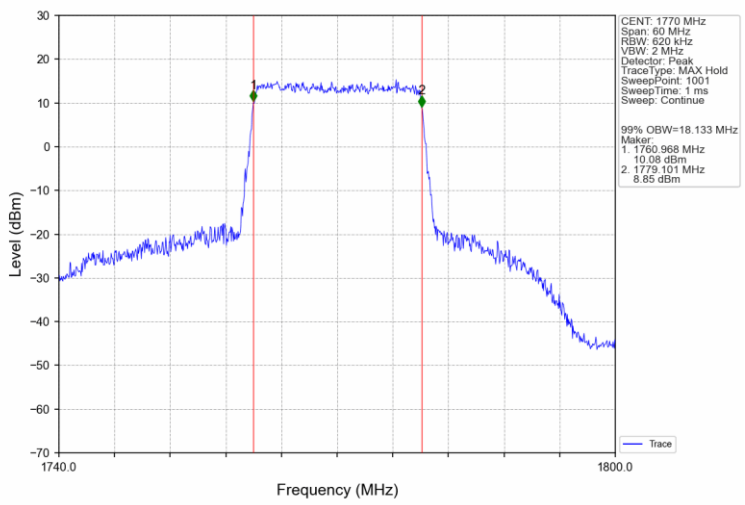
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

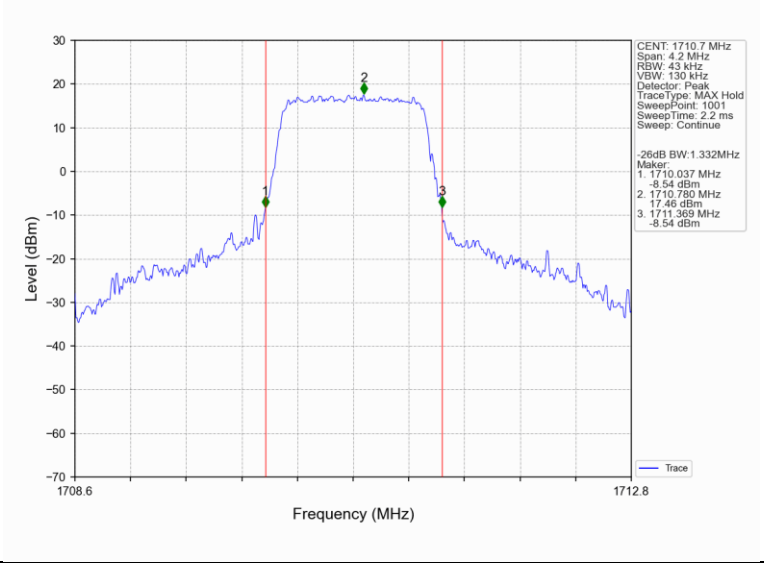


Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

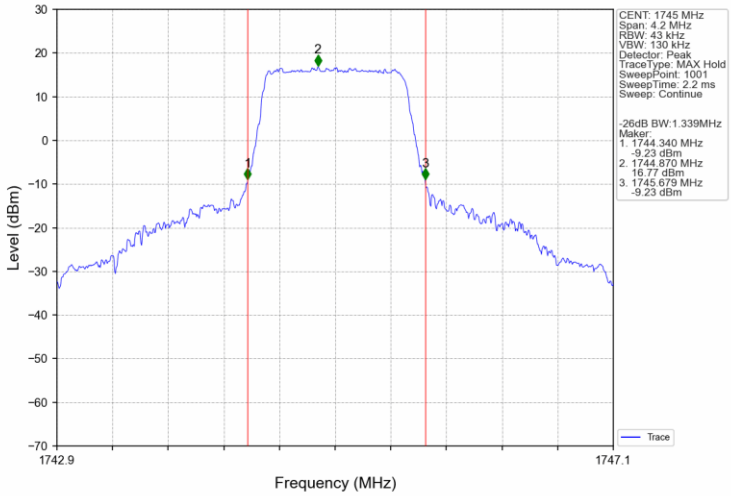


4.2.2 Band66_XDB

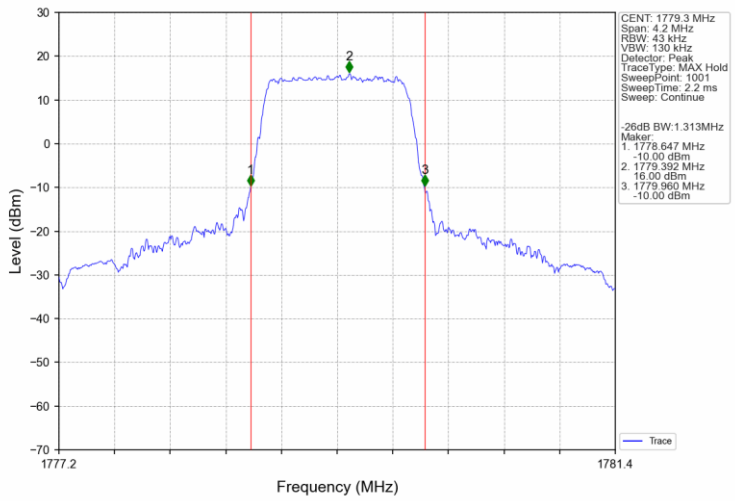
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



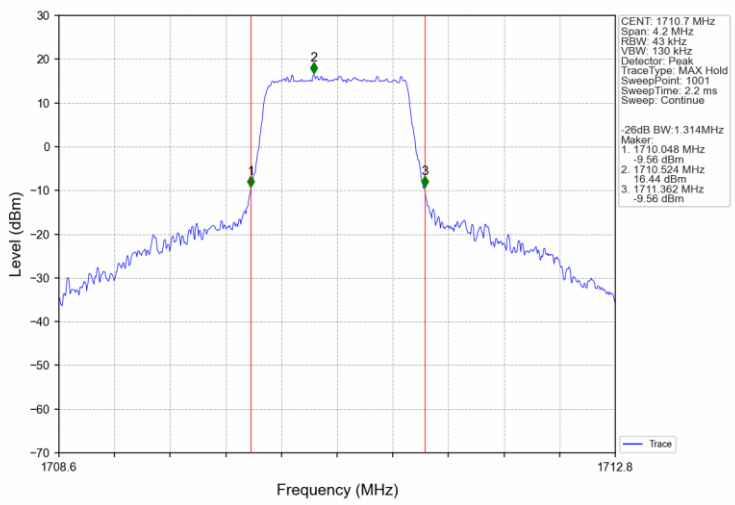
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



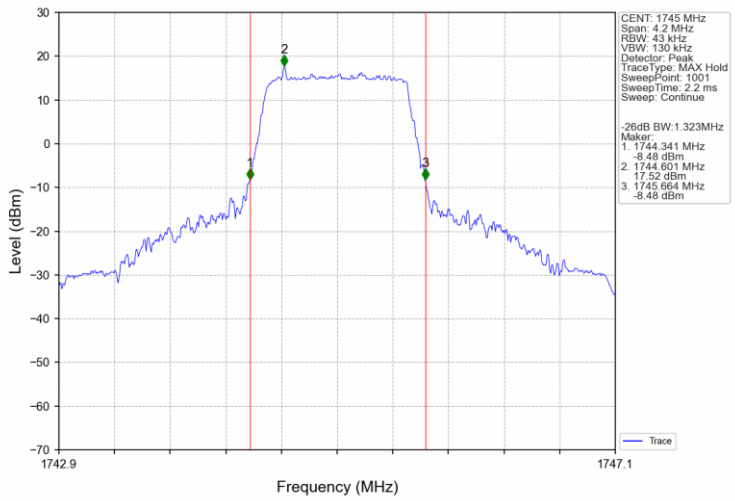
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



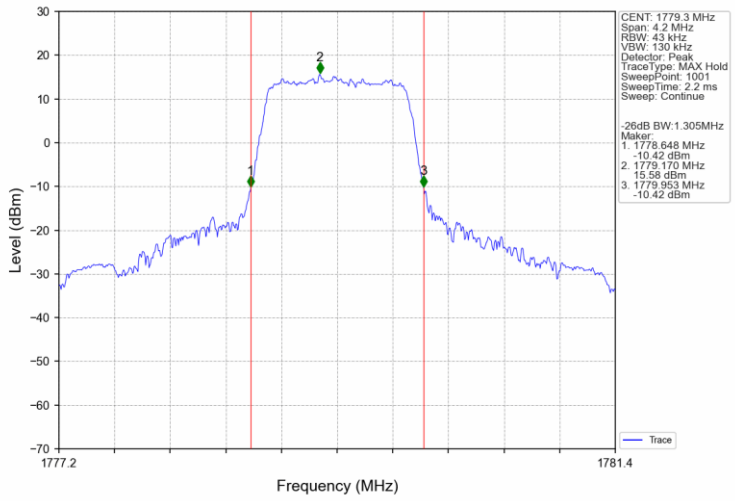
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



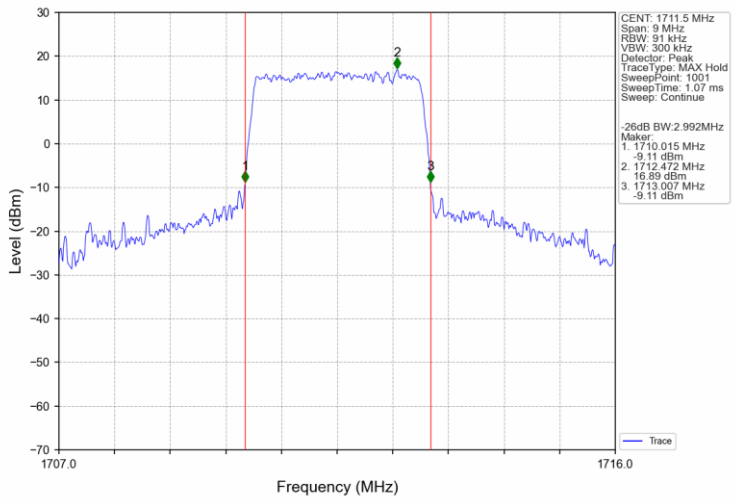
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



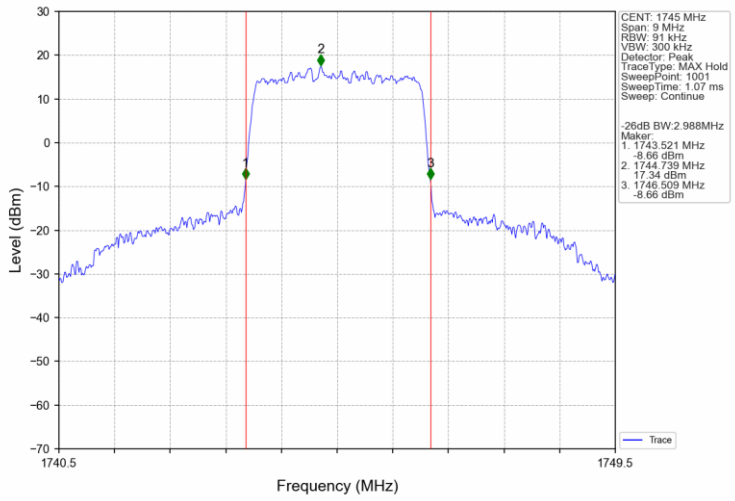
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



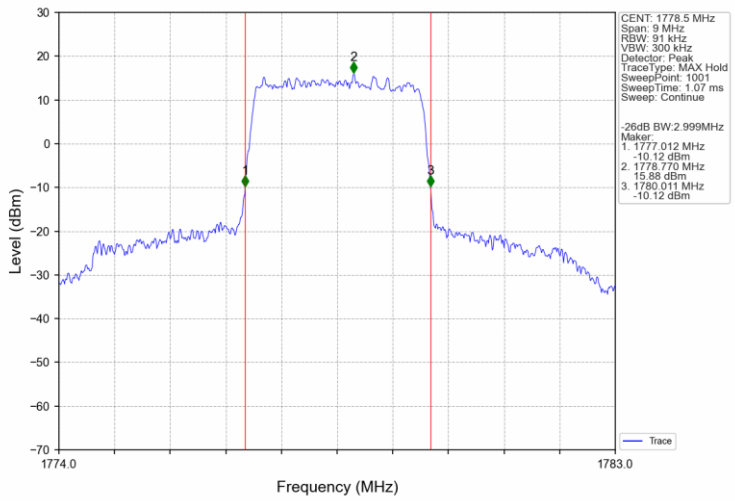
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



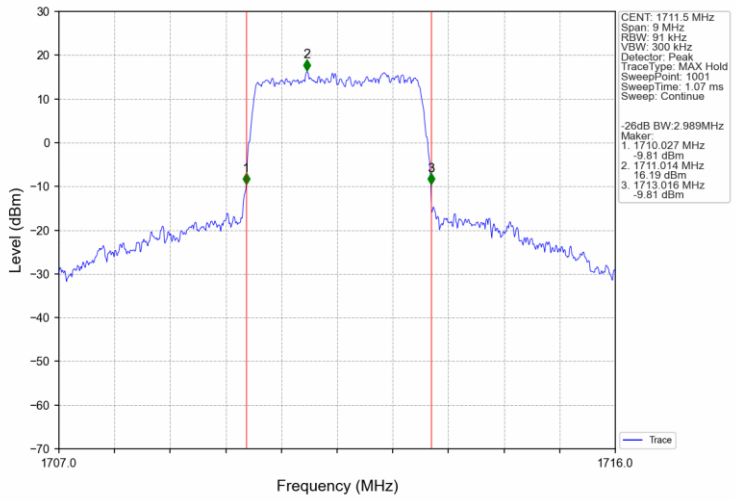
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



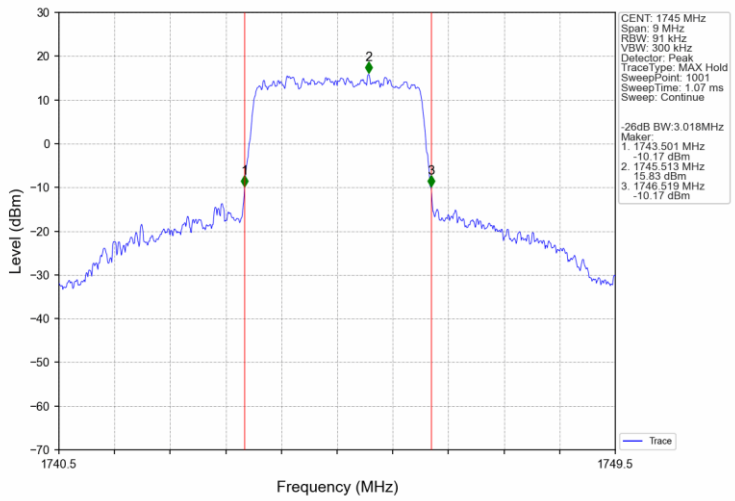
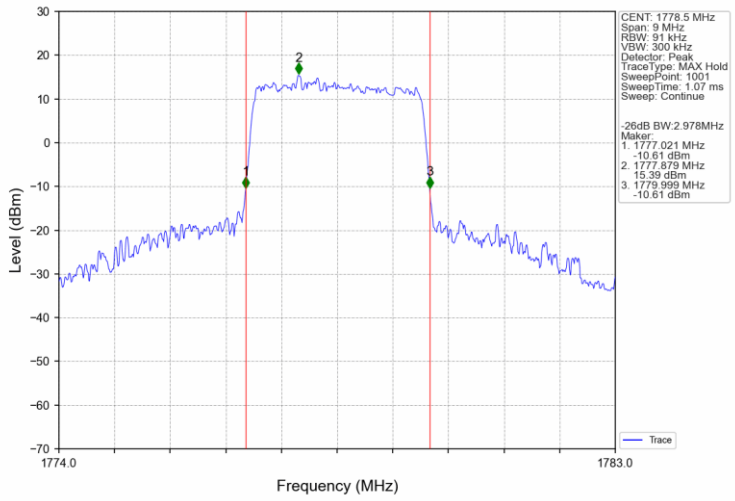
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



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