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	23.01	-1.93	21.08	<=30	Pass
			2	23.18	-1.93	21.25	<=30	Pass
			5	22.98	-1.93	21.05	<=30	Pass
		3	0	23.07	-1.93	21.14	<=30	Pass
			2	23.11	-1.93	21.18	<=30	Pass
			3	23.08	-1.93	21.15	<=30	Pass
		6	0	22.05	-1.93	20.12	<=30	Pass
	1745	1	0	22.88	-1.93	20.95	<=30	Pass
			2	23.07	-1.93	21.14	<=30	Pass
			5	22.87	-1.93	20.94	<=30	Pass
		3	0	22.94	-1.93	21.01	<=30	Pass
			2	22.93	-1.93	21.00	<=30	Pass
			3	22.89	-1.93	20.96	<=30	Pass
		6	0	21.96	-1.93	20.03	<=30	Pass
	1779.3	1	0	23.18	-1.93	21.25	<=30	Pass
			2	23.37	-1.93	21.44	<=30	Pass
			5	23.18	-1.93	21.25	<=30	Pass
		3	0	23.28	-1.93	21.35	<=30	Pass
			2	23.30	-1.93	21.37	<=30	Pass
			3	23.26	-1.93	21.33	<=30	Pass
		6	0	22.24	-1.93	20.31	<=30	Pass
16QAM	1710.7	1	0	22.04	-1.93	20.11	<=30	Pass
			2	22.18	-1.93	20.25	<=30	Pass
			5	22.03	-1.93	20.10	<=30	Pass
		3	0	22.07	-1.93	20.14	<=30	Pass
			2	22.07	-1.93	20.14	<=30	Pass
			3	22.05	-1.93	20.12	<=30	Pass
		6	0	21.15	-1.93	19.22	<=30	Pass
	1745	1	0	22.13	-1.93	20.20	<=30	Pass
			2	22.29	-1.93	20.36	<=30	Pass
			5	22.10	-1.93	20.17	<=30	Pass
		3	0	22.06	-1.93	20.13	<=30	Pass
			2	22.04	-1.93	20.11	<=30	Pass
			3	22.00	-1.93	20.07	<=30	Pass
		6	0	20.95	-1.93	19.02	<=30	Pass
	1779.3	1	0	22.31	-1.93	20.38	<=30	Pass
			2	22.49	-1.93	20.56	<=30	Pass
			5	22.31	-1.93	20.38	<=30	Pass
		3	0	22.30	-1.93	20.37	<=30	Pass
			2	22.34	-1.93	20.41	<=30	Pass
			3	22.29	-1.93	20.36	<=30	Pass
		6	0	21.21	-1.93	19.28	<=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	23.01	-1.93	21.08	<=30	Pass
			7	22.99	-1.93	21.06	<=30	Pass
			14	23.01	-1.93	21.08	<=30	Pass
		8	0	22.06	-1.93	20.13	<=30	Pass
			4	22.08	-1.93	20.15	<=30	Pass
			7	22.08	-1.93	20.15	<=30	Pass
		15	0	22.01	-1.93	20.08	<=30	Pass
	1745	1	0	22.98	-1.93	21.05	<=30	Pass
			7	22.95	-1.93	21.02	<=30	Pass
			14	23.01	-1.93	21.08	<=30	Pass
		8	0	21.95	-1.93	20.02	<=30	Pass
			4	22.01	-1.93	20.08	<=30	Pass
			7	21.96	-1.93	20.03	<=30	Pass
		15	0	21.92	-1.93	19.99	<=30	Pass
	1778.5	1	0	23.30	-1.93	21.37	<=30	Pass
			7	23.27	-1.93	21.34	<=30	Pass
			14	23.33	-1.93	21.40	<=30	Pass
		8	0	22.27	-1.93	20.34	<=30	Pass
			4	22.26	-1.93	20.33	<=30	Pass
			7	22.24	-1.93	20.31	<=30	Pass
		15	0	22.21	-1.93	20.28	<=30	Pass
16QAM	1711.5	1	0	22.19	-1.93	20.26	<=30	Pass
			7	22.22	-1.93	20.29	<=30	Pass
			14	22.23	-1.93	20.30	<=30	Pass
		8	0	21.26	-1.93	19.33	<=30	Pass
			4	21.28	-1.93	19.35	<=30	Pass
			7	21.28	-1.93	19.35	<=30	Pass
		15	0	21.09	-1.93	19.16	<=30	Pass
	1745	1	0	22.15	-1.93	20.22	<=30	Pass
			7	22.10	-1.93	20.17	<=30	Pass
			14	22.08	-1.93	20.15	<=30	Pass
		8	0	21.00	-1.93	19.07	<=30	Pass
			4	21.01	-1.93	19.08	<=30	Pass
			7	21.00	-1.93	19.07	<=30	Pass
		15	0	20.99	-1.93	19.06	<=30	Pass
	1778.5	1	0	22.33	-1.93	20.40	<=30	Pass
			7	22.27	-1.93	20.34	<=30	Pass
			14	22.29	-1.93	20.36	<=30	Pass
		8	0	21.42	-1.93	19.49	<=30	Pass
			4	21.42	-1.93	19.49	<=30	Pass
			7	21.44	-1.93	19.51	<=30	Pass
		15	0	21.29	-1.93	19.36	<=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	23.01	-1.93	21.08	<=30	Pass
			13	23.11	-1.93	21.18	<=30	Pass
			24	23.05	-1.93	21.12	<=30	Pass
		12	0	22.02	-1.93	20.09	<=30	Pass
			6	22.10	-1.93	20.17	<=30	Pass
			13	22.12	-1.93	20.19	<=30	Pass
		25	0	22.04	-1.93	20.11	<=30	Pass

	1745	1	0	22.89	-1.93	20.96	<=30	Pass
			13	22.96	-1.93	21.03	<=30	Pass
			24	22.88	-1.93	20.95	<=30	Pass
		12	0	21.92	-1.93	19.99	<=30	Pass
			6	21.99	-1.93	20.06	<=30	Pass
			13	21.94	-1.93	20.01	<=30	Pass
		25	0	21.96	-1.93	20.03	<=30	Pass
	1777.5	1	0	23.13	-1.93	21.20	<=30	Pass
			13	23.24	-1.93	21.31	<=30	Pass
			24	23.20	-1.93	21.27	<=30	Pass
		12	0	22.21	-1.93	20.28	<=30	Pass
			6	22.24	-1.93	20.31	<=30	Pass
			13	22.17	-1.93	20.24	<=30	Pass
		25	0	22.19	-1.93	20.26	<=30	Pass
16QAM	1712.5	1	0	22.20	-1.93	20.27	<=30	Pass
			13	22.27	-1.93	20.34	<=30	Pass
			24	22.21	-1.93	20.28	<=30	Pass
		12	0	21.08	-1.93	19.15	<=30	Pass
			6	21.13	-1.93	19.20	<=30	Pass
			13	21.11	-1.93	19.18	<=30	Pass
		25	0	21.10	-1.93	19.17	<=30	Pass
	1745	1	0	22.11	-1.93	20.18	<=30	Pass
			13	22.13	-1.93	20.20	<=30	Pass
			24	22.07	-1.93	20.14	<=30	Pass
		12	0	21.02	-1.93	19.09	<=30	Pass
			6	21.07	-1.93	19.14	<=30	Pass
			13	21.03	-1.93	19.10	<=30	Pass
		25	0	21.01	-1.93	19.08	<=30	Pass
	1777.5	1	0	22.37	-1.93	20.44	<=30	Pass
			13	22.48	-1.93	20.55	<=30	Pass
			24	22.42	-1.93	20.49	<=30	Pass
		12	0	21.16	-1.93	19.23	<=30	Pass
			6	21.19	-1.93	19.26	<=30	Pass
			13	21.17	-1.93	19.24	<=30	Pass
		25	0	21.23	-1.93	19.30	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.10	-1.93	21.17	<=30	Pass
			25	23.24	-1.93	21.31	<=30	Pass
			49	23.10	-1.93	21.17	<=30	Pass
		25	0	22.07	-1.93	20.14	<=30	Pass
			13	22.13	-1.93	20.20	<=30	Pass
			25	22.16	-1.93	20.23	<=30	Pass
		50	0	22.13	-1.93	20.20	<=30	Pass
	1745	1	0	23.00	-1.93	21.07	<=30	Pass
			25	23.13	-1.93	21.20	<=30	Pass
			49	22.99	-1.93	21.06	<=30	Pass
		25	0	22.03	-1.93	20.10	<=30	Pass
			13	22.03	-1.93	20.10	<=30	Pass
			25	22.04	-1.93	20.11	<=30	Pass
		50	0	22.04	-1.93	20.11	<=30	Pass
	1775	1	0	23.12	-1.93	21.19	<=30	Pass
			25	23.33	-1.93	21.40	<=30	Pass

			49	23.25	-1.93	21.32	<=30	Pass
		25	0	22.24	-1.93	20.31	<=30	Pass
			13	22.25	-1.93	20.32	<=30	Pass
			25	22.25	-1.93	20.32	<=30	Pass
		50	0	22.22	-1.93	20.29	<=30	Pass
16QAM	1715	1	0	22.14	-1.93	20.21	<=30	Pass
			25	22.35	-1.93	20.42	<=30	Pass
			49	22.12	-1.93	20.19	<=30	Pass
		25	0	21.19	-1.93	19.26	<=30	Pass
			13	21.24	-1.93	19.31	<=30	Pass
			25	21.22	-1.93	19.29	<=30	Pass
		50	0	21.22	-1.93	19.29	<=30	Pass
	1745	1	0	22.18	-1.93	20.25	<=30	Pass
			25	22.25	-1.93	20.32	<=30	Pass
			49	22.12	-1.93	20.19	<=30	Pass
		25	0	21.10	-1.93	19.17	<=30	Pass
			13	21.11	-1.93	19.18	<=30	Pass
			25	21.13	-1.93	19.20	<=30	Pass
		50	0	21.08	-1.93	19.15	<=30	Pass
	1775	1	0	22.30	-1.93	20.37	<=30	Pass
			25	22.50	-1.93	20.57	<=30	Pass
			49	22.36	-1.93	20.43	<=30	Pass
		25	0	21.24	-1.93	19.31	<=30	Pass
			13	21.29	-1.93	19.36	<=30	Pass
			25	21.31	-1.93	19.38	<=30	Pass
		50	0	21.22	-1.93	19.29	<=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	22.94	-1.93	21.01	<=30	Pass
			38	23.09	-1.93	21.16	<=30	Pass
			74	22.98	-1.93	21.05	<=30	Pass
		36	0	22.14	-1.93	20.21	<=30	Pass
			18	22.23	-1.93	20.30	<=30	Pass
			39	22.21	-1.93	20.28	<=30	Pass
		75	0	22.22	-1.93	20.29	<=30	Pass
	1745	1	0	22.99	-1.93	21.06	<=30	Pass
			38	23.07	-1.93	21.14	<=30	Pass
			74	22.94	-1.93	21.01	<=30	Pass
		36	0	22.09	-1.93	20.16	<=30	Pass
			18	22.13	-1.93	20.20	<=30	Pass
			39	22.16	-1.93	20.23	<=30	Pass
		75	0	22.13	-1.93	20.20	<=30	Pass
	1772.5	1	0	23.05	-1.93	21.12	<=30	Pass
			38	23.23	-1.93	21.30	<=30	Pass
			74	23.17	-1.93	21.24	<=30	Pass
		36	0	22.22	-1.93	20.29	<=30	Pass
			18	22.32	-1.93	20.39	<=30	Pass
			39	22.37	-1.93	20.44	<=30	Pass
		75	0	22.29	-1.93	20.36	<=30	Pass
16QAM	1717.5	1	0	22.39	-1.93	20.46	<=30	Pass
			38	22.51	-1.93	20.58	<=30	Pass
			74	22.49	-1.93	20.56	<=30	Pass
		36	0	21.08	-1.93	19.15	<=30	Pass

			18	21.16	-1.93	19.23	<=30	Pass
			39	21.19	-1.93	19.26	<=30	Pass
		75	0	21.17	-1.93	19.24	<=30	Pass
	1745	1	0	22.02	-1.93	20.09	<=30	Pass
			38	22.09	-1.93	20.16	<=30	Pass
			74	21.92	-1.93	19.99	<=30	Pass
		36	0	21.01	-1.93	19.08	<=30	Pass
			18	21.08	-1.93	19.15	<=30	Pass
			39	21.11	-1.93	19.18	<=30	Pass
		75	0	21.09	-1.93	19.16	<=30	Pass
	1772.5	1	0	22.26	-1.93	20.33	<=30	Pass
			38	22.41	-1.93	20.48	<=30	Pass
			74	22.32	-1.93	20.39	<=30	Pass
		36	0	21.24	-1.93	19.31	<=30	Pass
			18	21.29	-1.93	19.36	<=30	Pass
			39	21.35	-1.93	19.42	<=30	Pass
		75	0	21.29	-1.93	19.36	<=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	22.84	-1.93	20.91	<=30	Pass
			50	23.26	-1.93	21.33	<=30	Pass
			99	22.90	-1.93	20.97	<=30	Pass
		50	0	22.04	-1.93	20.11	<=30	Pass
			25	22.13	-1.93	20.20	<=30	Pass
			50	22.10	-1.93	20.17	<=30	Pass
		100	0	22.11	-1.93	20.18	<=30	Pass
	1745	1	0	22.76	-1.93	20.83	<=30	Pass
			50	23.11	-1.93	21.18	<=30	Pass
			99	22.71	-1.93	20.78	<=30	Pass
		50	0	22.01	-1.93	20.08	<=30	Pass
			25	22.04	-1.93	20.11	<=30	Pass
			50	22.07	-1.93	20.14	<=30	Pass
		100	0	22.04	-1.93	20.11	<=30	Pass
	1770	1	0	22.84	-1.93	20.91	<=30	Pass
			50	23.33	-1.93	21.40	<=30	Pass
			99	23.07	-1.93	21.14	<=30	Pass
		50	0	22.20	-1.93	20.27	<=30	Pass
			25	22.23	-1.93	20.30	<=30	Pass
			50	22.22	-1.93	20.29	<=30	Pass
		100	0	22.20	-1.93	20.27	<=30	Pass
16QAM	1720	1	0	22.05	-1.93	20.12	<=30	Pass
			50	22.43	-1.93	20.50	<=30	Pass
			99	22.11	-1.93	20.18	<=30	Pass
		50	0	21.11	-1.93	19.18	<=30	Pass
			25	21.20	-1.93	19.27	<=30	Pass
			50	21.18	-1.93	19.25	<=30	Pass
		100	0	21.19	-1.93	19.26	<=30	Pass
	1745	1	0	22.28	-1.93	20.35	<=30	Pass
			50	22.44	-1.93	20.51	<=30	Pass
			99	22.11	-1.93	20.18	<=30	Pass
		50	0	21.09	-1.93	19.16	<=30	Pass
			25	21.10	-1.93	19.17	<=30	Pass
			50	21.12	-1.93	19.19	<=30	Pass

		100	0	21.07	-1.93	19.14	<=30	Pass
	1770	1	0	22.01	-1.93	20.08	<=30	Pass
			50	22.51	-1.93	20.58	<=30	Pass
			99	22.21	-1.93	20.28	<=30	Pass
		50	0	21.27	-1.93	19.34	<=30	Pass
			25	21.28	-1.93	19.35	<=30	Pass
			50	21.27	-1.93	19.34	<=30	Pass
		100	0	21.26	-1.93	19.33	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-5.107	-0.0030	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0045	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.488	0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-9.727	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-7.367	-0.0042	-2.5 to 2.5	Pass
					3.85	-11.530	-0.0066	-2.5 to 2.5	Pass
					4.43	-4.077	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
				0	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				40	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-10.958	-0.0062	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0026	-2.5 to 2.5	Pass
					4.43	-12.388	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.320	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-7.281	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-14.005	-0.0079	-2.5 to 2.5	Pass
				50	3.85	3.662	0.0021	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-7.281	-0.0043	-2.5 to 2.5	Pass
					3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	5.579	0.0033	-2.5 to 2.5	Pass

				-20	3.85	2.546	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				0	3.85	3.362	0.0020	-2.5 to 2.5	Pass
				10	3.85	3.977	0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				40	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.85	1.187	0.0007	-2.5 to 2.5	Pass
					4.43	-9.327	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.394	0.0037	-2.5 to 2.5	Pass
				0	3.85	3.533	0.0020	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-9.027	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-8.397	-0.0048	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-2.403	-0.0014	-2.5 to 2.5	Pass
					3.85	-12.717	-0.0071	-2.5 to 2.5	Pass
					4.43	-6.495	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-8.926	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-7.911	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-9.255	-0.0052	-2.5 to 2.5	Pass
				10	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0059	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				50	3.85	-8.984	-0.0050	-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	-9.098	-0.0053	-2.5 to 2.5	Pass
					3.85	-10.343	-0.0060	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-8.969	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-6.938	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				10	3.85	4.478	0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				50	3.85	2.818	0.0016	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-5.035	-0.0029	-2.5 to 2.5	Pass
					3.85	0.615	0.0004	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-9.112	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-10.300	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-10.042	-0.0058	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0001	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-4.921	-0.0028	-2.5 to 2.5	Pass

					3.85	-23.174	-0.0130	-2.5 to 2.5	Pass
					4.43	-2.904	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-11.859	-0.0067	-2.5 to 2.5	Pass
				-20	3.85	-12.789	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-11.201	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-8.883	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-7.839	-0.0044	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-3.333	-0.0019	-2.5 to 2.5	Pass
					3.85	5.608	0.0033	-2.5 to 2.5	Pass
					4.43	2.275	0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.601	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-9.284	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-3.190	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				50	3.85	5.965	0.0035	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-6.065	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
					4.43	-7.224	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
				30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-2.990	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.345	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-10.185	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-8.512	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				0	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				10	3.85	-6.280	-0.0035	-2.5 to 2.5	Pass
				30	3.85	3.390	0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	4.320	0.0025	-2.5 to 2.5	Pass
					4.43	-9.828	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				0	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass

				40	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-0.830	-0.0005	-2.5 to 2.5	Pass
					3.85	4.148	0.0024	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-2.246	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-12.217	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0022	-2.5 to 2.5	Pass
				0	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0054	-2.5 to 2.5	Pass
				50	3.85	7.596	0.0043	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	0.572	0.0003	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.350	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	6.337	0.0037	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	6.108	0.0036	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0019	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-5.980	-0.0034	-2.5 to 2.5	Pass
					3.85	3.247	0.0019	-2.5 to 2.5	Pass
					4.43	-3.433	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-9.041	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-9.642	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-5.479	-0.0031	-2.5 to 2.5	Pass
					3.85	5.221	0.0029	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	6.695	0.0038	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-2.146	-0.0012	-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	-7.038	-0.0041	-2.5 to 2.5	Pass
					3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-7.882	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-8.912	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-7.539	-0.0043	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.834	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				0	3.85	4.864	0.0028	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-10.571	-0.0061	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-6.251	-0.0035	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.189	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				40	3.85	3.190	0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-4.234	-0.0025	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
					4.43	-9.141	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-9.484	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-8.526	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-7.782	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
					4.43	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass

	1775	50	0	20	3.27	-6.623	-0.0037	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.296	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-9.484	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-8.097	-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	-2.146	-0.0012	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0040	-2.5 to 2.5	Pass
					4.43	-9.027	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.422	-0.0032	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-1.459	-0.0008	-2.5 to 2.5	Pass
					3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
					4.43	2.003	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				40	3.85	2.418	0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-2.103	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.762	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-10.471	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0027	-2.5 to 2.5	Pass

				30	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-0.658	-0.0004	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
					4.43	-7.095	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-7.153	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-4.563	-0.0026	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-3.862	-0.0022	-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	-9.470	-0.0055	-2.5 to 2.5	Pass
					3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
					4.43	-11.501	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-9.441	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-4.420	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-8.798	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-8.240	-0.0048	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.177	-0.0024	-2.5 to 2.5	Pass
					3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-7.410	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-10.185	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	0.687	0.0004	-2.5 to 2.5	Pass
					3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
					4.43	-5.479	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass

				-10	3.85	-7.095	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0043	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-5.136	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-9.241	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.191	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-5.951	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.678	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.922	-0.0033	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-6.595	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-7.439	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0034	-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

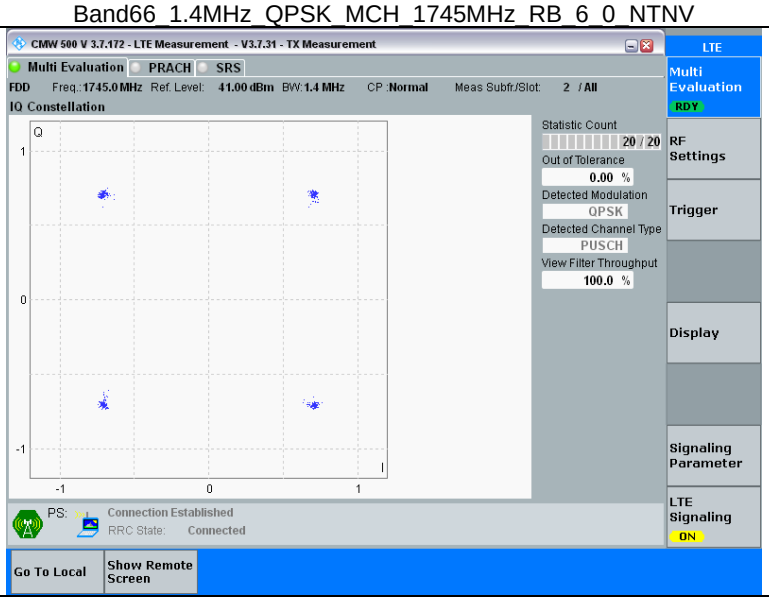
3.1.6 B66_20MHz

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

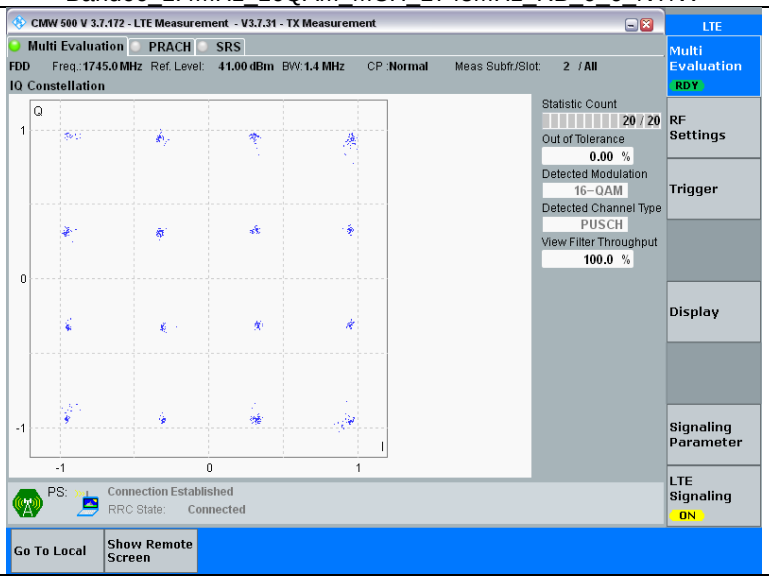
3.2 Test Graph

3.2.1 B66_1.4MHz

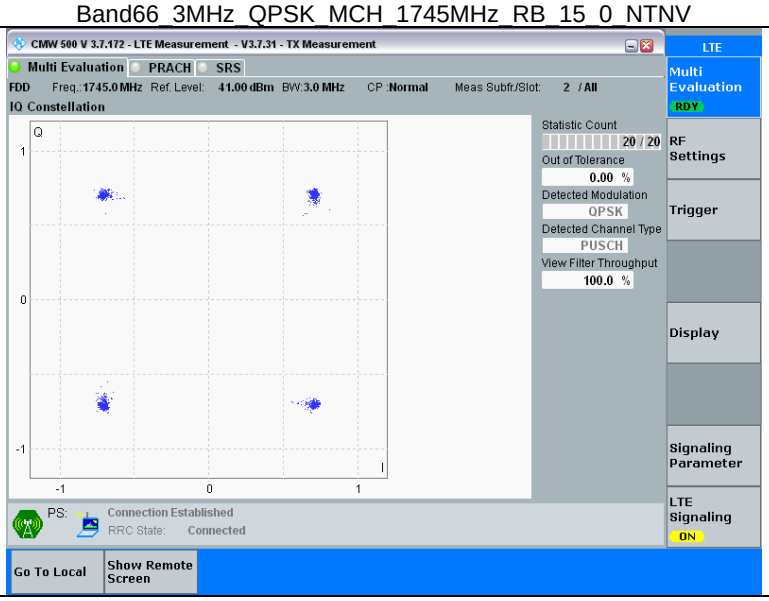
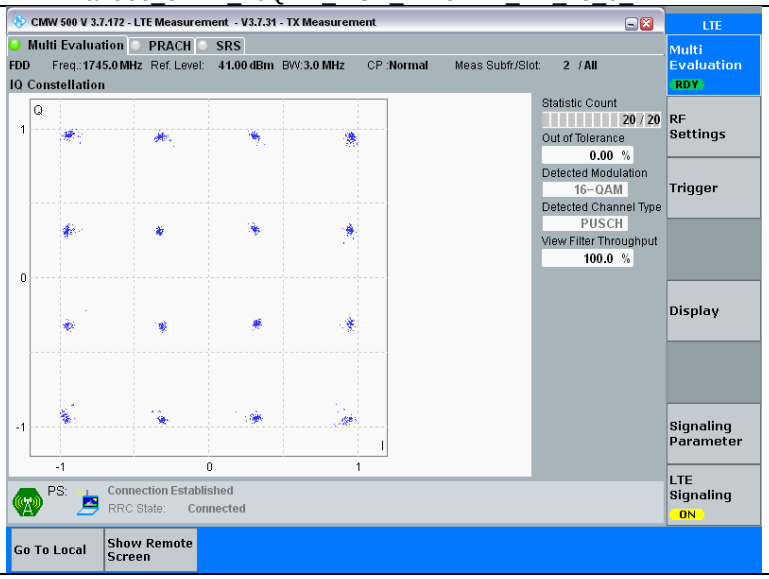
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



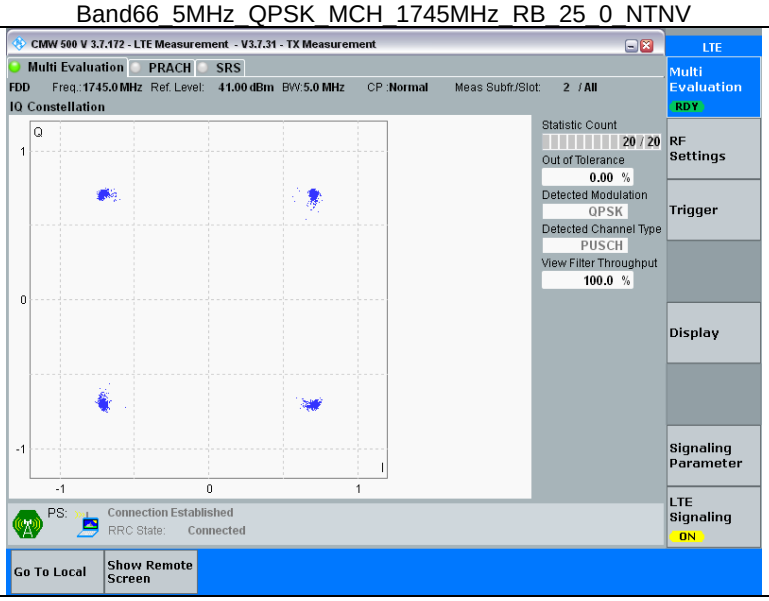
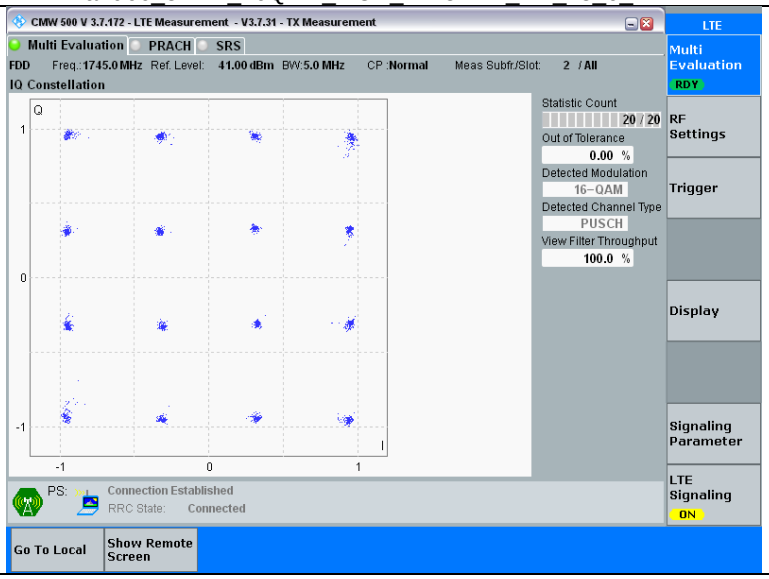
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



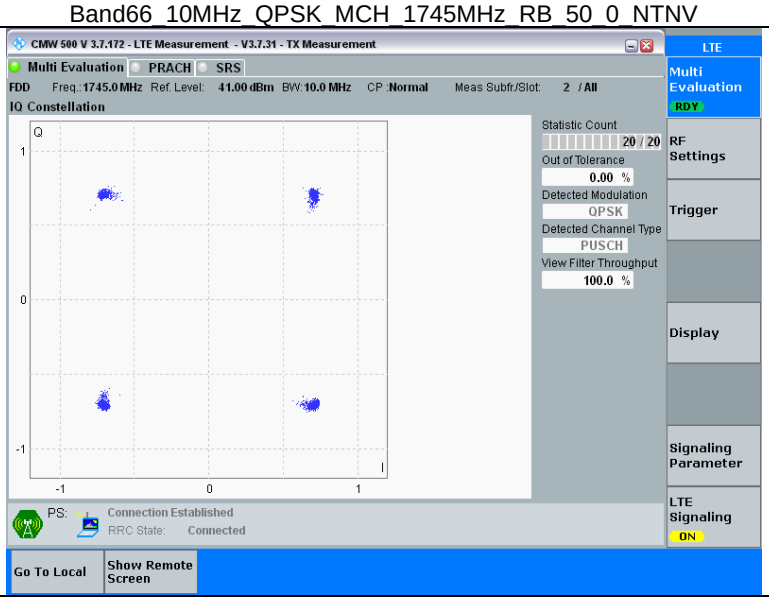
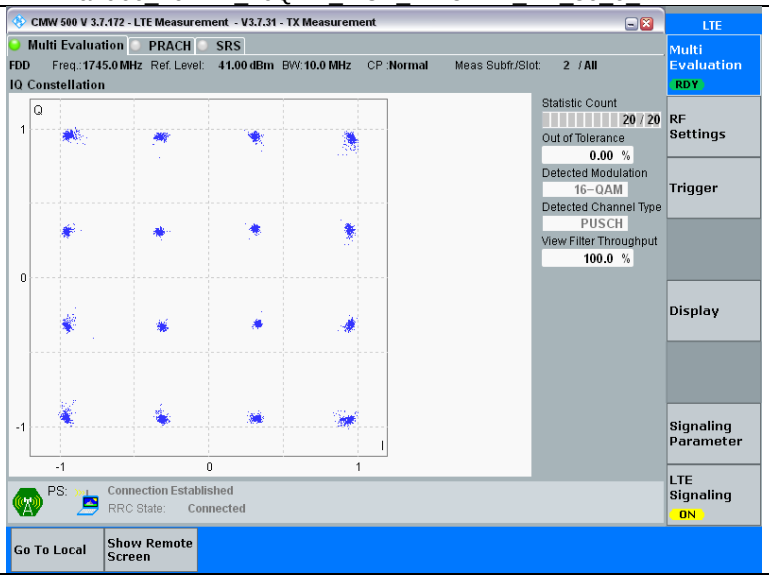
3.2.2 B66_3MHz

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV

Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV


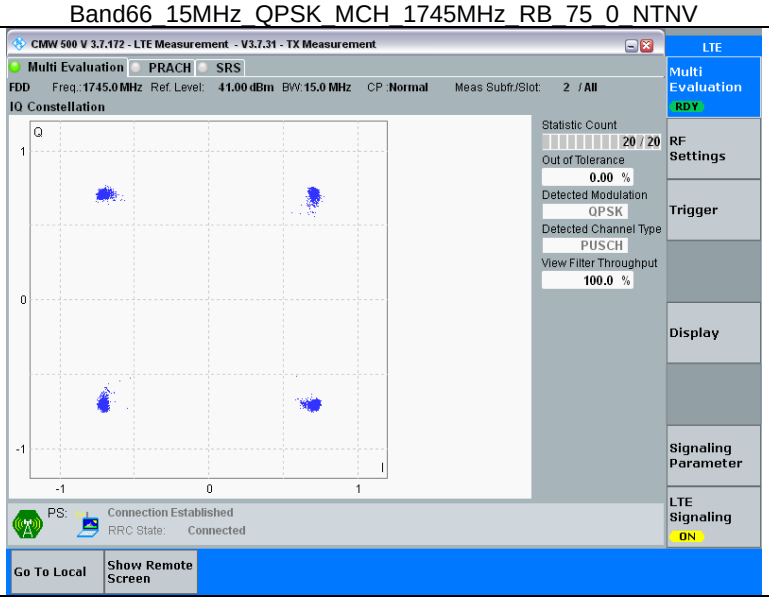
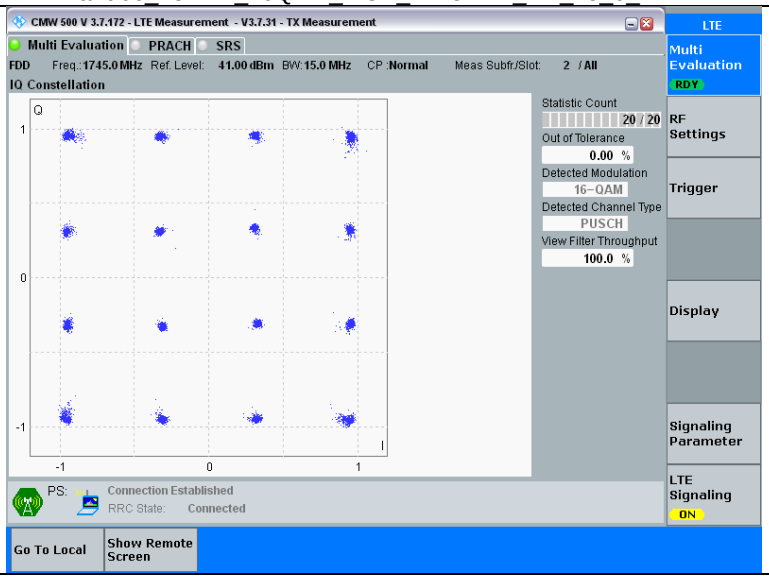
3.2.3 B66_5MHz

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV


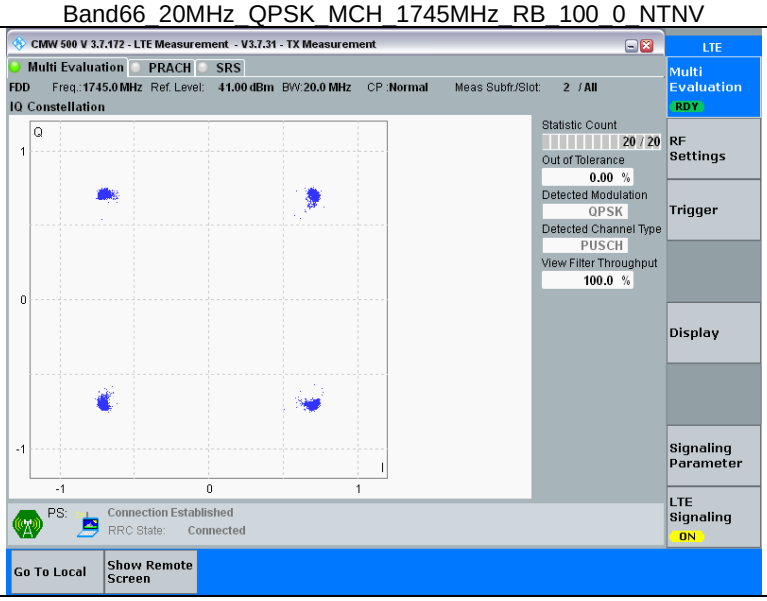
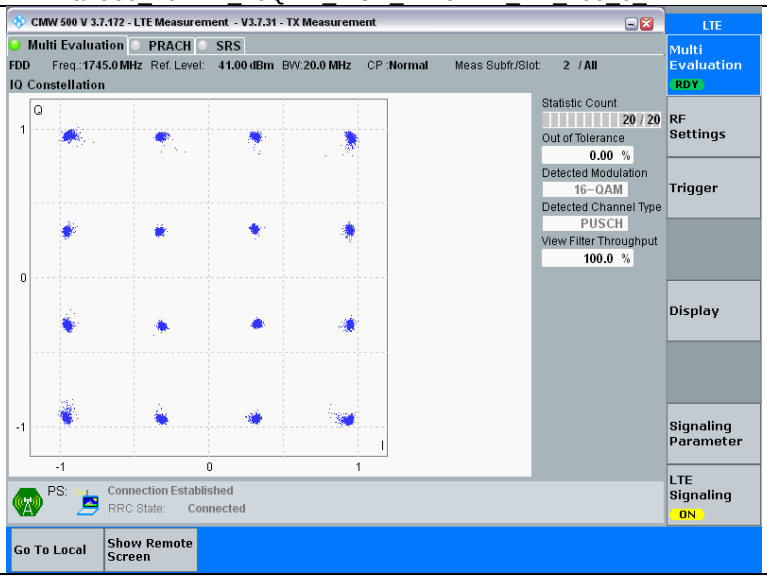
3.2.4 B66_10MHz

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	1.110	/	Pass
		1745	6	0	1.113	/	Pass
		1779.3	6	0	1.115	/	Pass
	16QAM	1710.7	6	0	1.106	/	Pass
		1745	6	0	1.121	/	Pass
		1779.3	6	0	1.106	/	Pass
3	QPSK	1711.5	15	0	2.729	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.737	/	Pass
	16QAM	1711.5	15	0	2.711	/	Pass
		1745	15	0	2.720	/	Pass
		1778.5	15	0	2.731	/	Pass
5	QPSK	1712.5	25	0	4.568	/	Pass
		1745	25	0	4.598	/	Pass
		1777.5	25	0	4.573	/	Pass
	16QAM	1712.5	25	0	4.565	/	Pass
		1745	25	0	4.574	/	Pass
		1777.5	25	0	4.608	/	Pass
10	QPSK	1715	50	0	9.135	/	Pass
		1745	50	0	9.120	/	Pass
		1775	50	0	9.079	/	Pass
	16QAM	1715	50	0	9.116	/	Pass
		1745	50	0	9.101	/	Pass
		1775	50	0	9.063	/	Pass
15	QPSK	1717.5	75	0	13.680	/	Pass
		1745	75	0	13.650	/	Pass
		1772.5	75	0	13.589	/	Pass
	16QAM	1717.5	75	0	13.696	/	Pass
		1745	75	0	13.643	/	Pass
		1772.5	75	0	13.641	/	Pass
20	QPSK	1720	100	0	18.162	/	Pass
		1745	100	0	18.129	/	Pass
		1770	100	0	18.134	/	Pass
	16QAM	1720	100	0	18.170	/	Pass
		1745	100	0	18.227	/	Pass
		1770	100	0	18.152	/	Pass

4.1.2 Band66_XDB

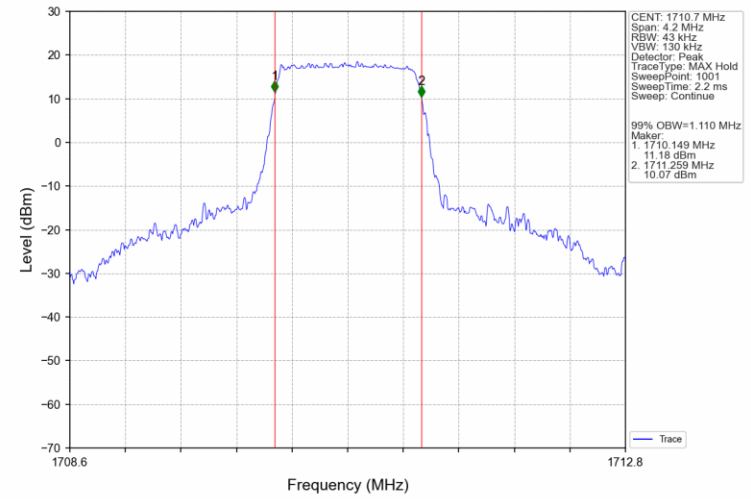
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.315	/	Pass
		1745	6	0	1.346	/	Pass
		1779.3	6	0	1.350	/	Pass

	16QAM	1710.7	6	0	1.303	/	Pass
		1745	6	0	1.335	/	Pass
		1779.3	6	0	1.311	/	Pass
3	QPSK	1711.5	15	0	3.011	/	Pass
		1745	15	0	2.994	/	Pass
		1778.5	15	0	3.002	/	Pass
	16QAM	1711.5	15	0	2.983	/	Pass
		1745	15	0	3.029	/	Pass
		1778.5	15	0	3.001	/	Pass
5	QPSK	1712.5	25	0	5.316	/	Pass
		1745	25	0	5.331	/	Pass
		1777.5	25	0	5.238	/	Pass
	16QAM	1712.5	25	0	5.311	/	Pass
		1745	25	0	5.352	/	Pass
		1777.5	25	0	5.335	/	Pass
10	QPSK	1715	50	0	14.056	/	Pass
		1745	50	0	10.465	/	Pass
		1775	50	0	11.402	/	Pass
	16QAM	1715	50	0	12.887	/	Pass
		1745	50	0	10.237	/	Pass
		1775	50	0	10.147	/	Pass
15	QPSK	1717.5	75	0	24.007	/	Pass
		1745	75	0	15.373	/	Pass
		1772.5	75	0	18.519	/	Pass
	16QAM	1717.5	75	0	24.426	/	Pass
		1745	75	0	15.377	/	Pass
		1772.5	75	0	15.436	/	Pass
20	QPSK	1720	100	0	30.865	/	Pass
		1745	100	0	20.094	/	Pass
		1770	100	0	20.079	/	Pass
	16QAM	1720	100	0	30.066	/	Pass
		1745	100	0	20.127	/	Pass
		1770	100	0	20.090	/	Pass

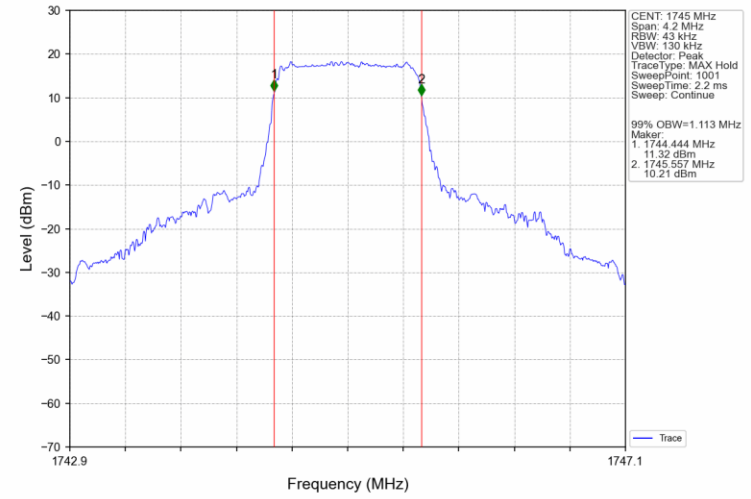
4.2 Test Graph

4.2.1 Band66_OBW

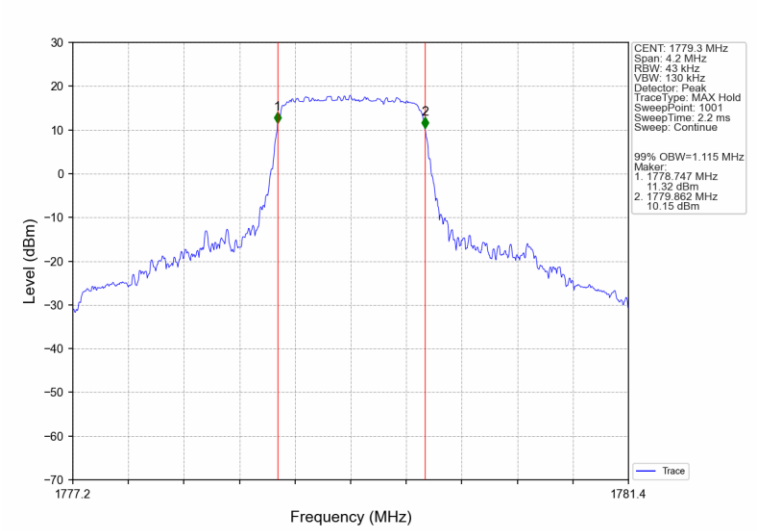
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



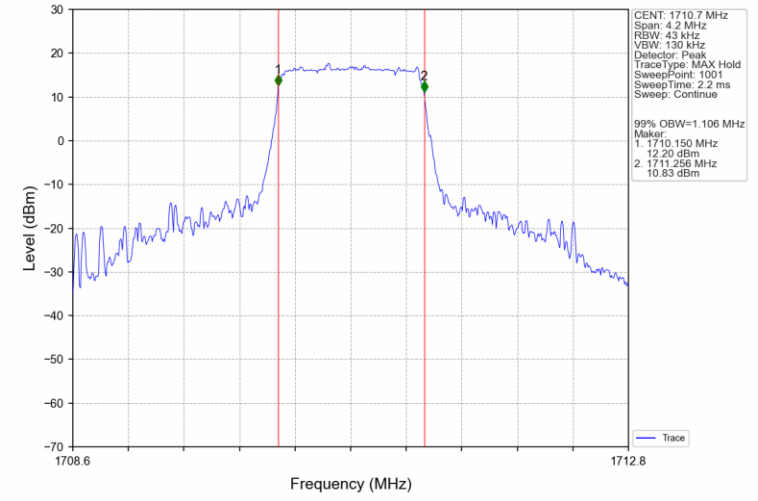
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



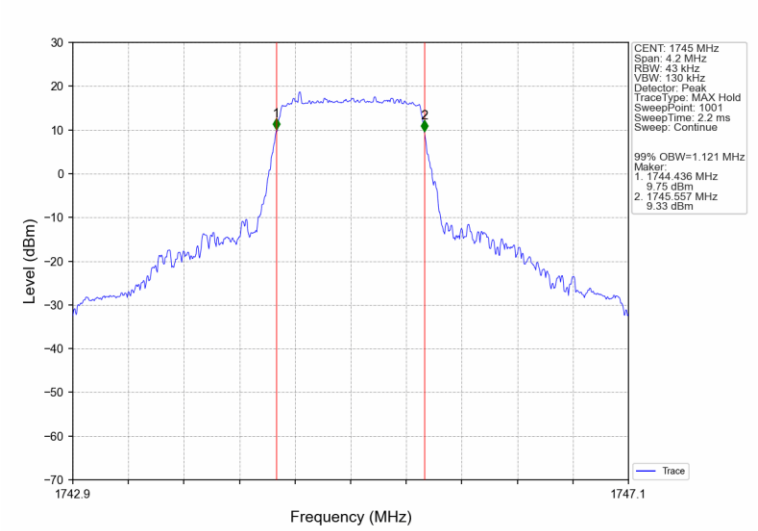
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



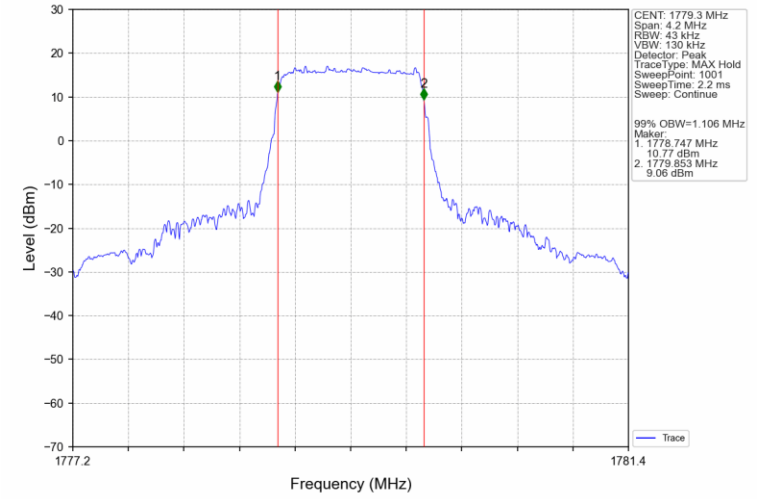
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



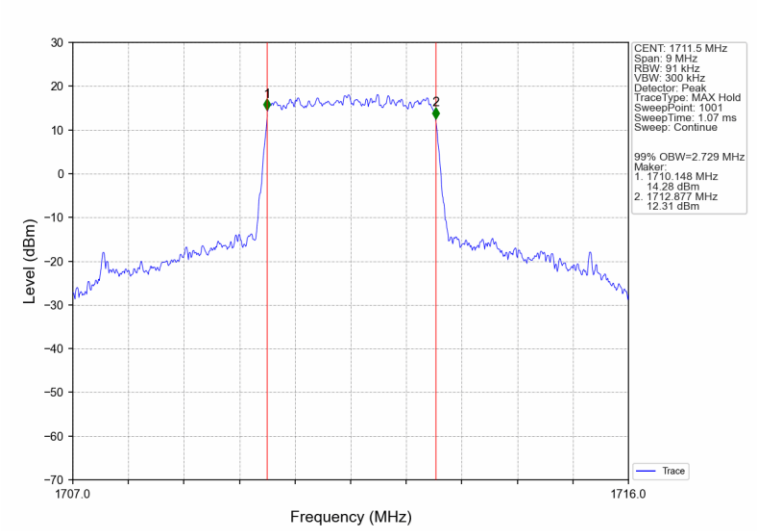
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



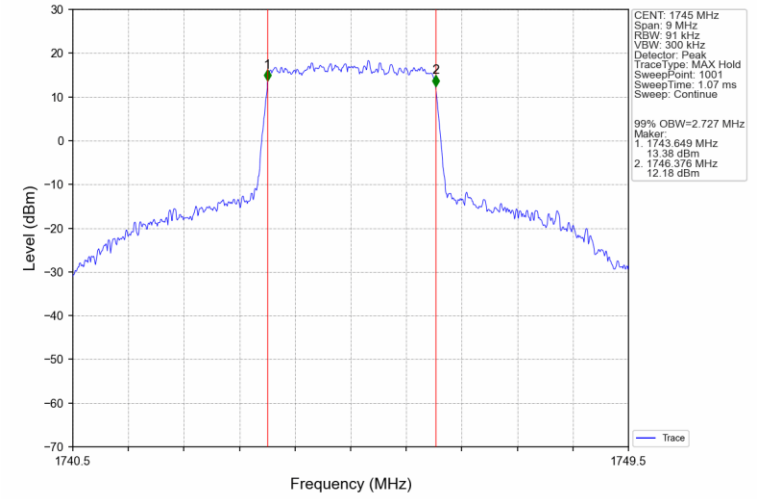
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



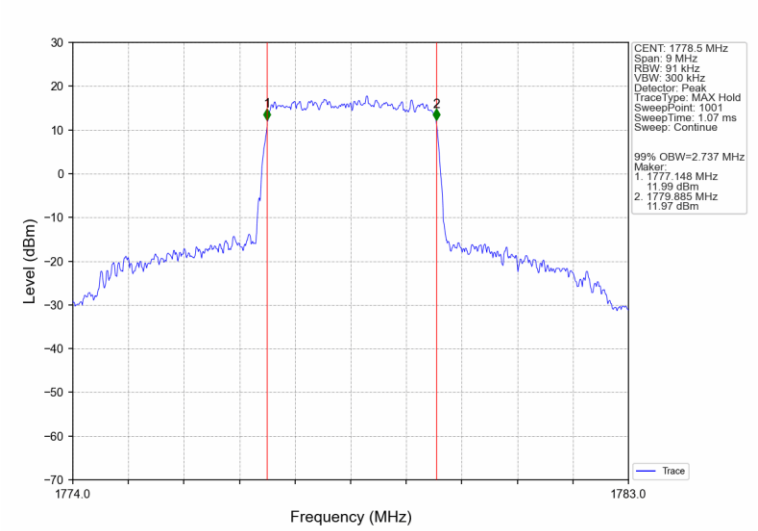
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



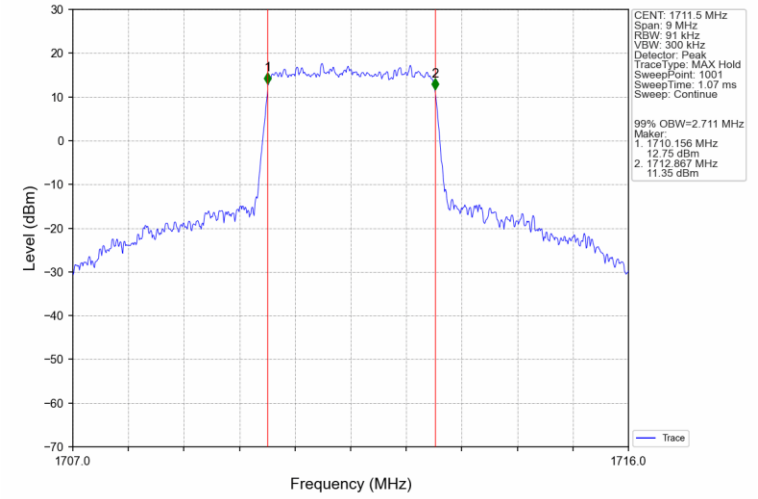
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



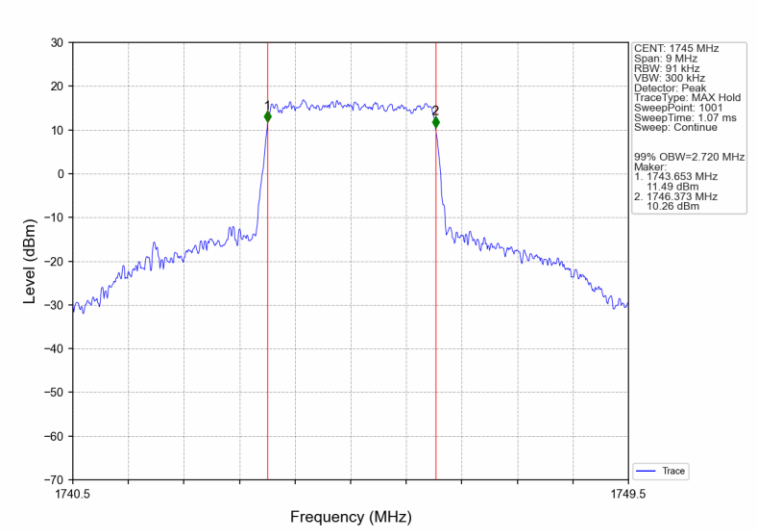
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



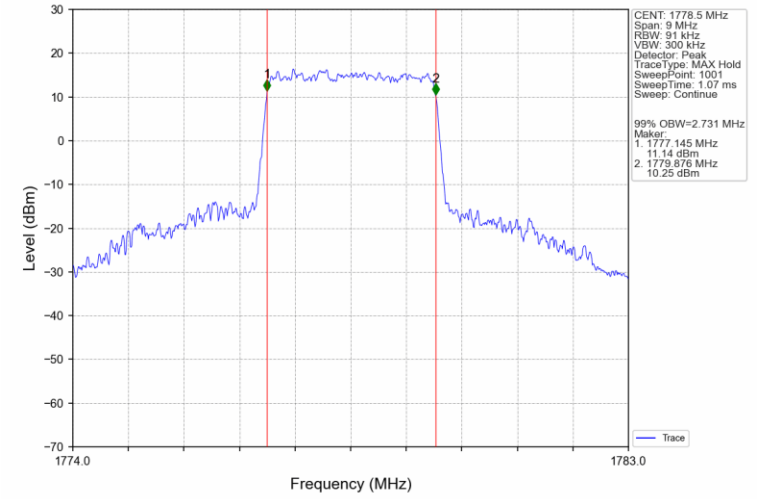
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



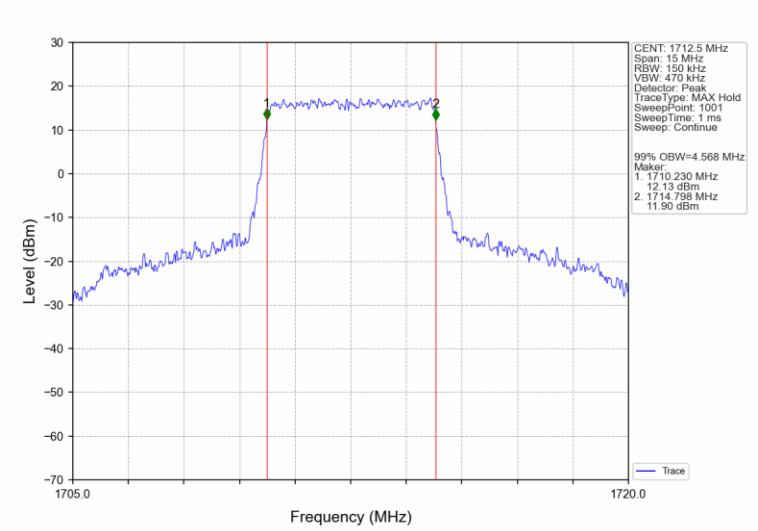
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



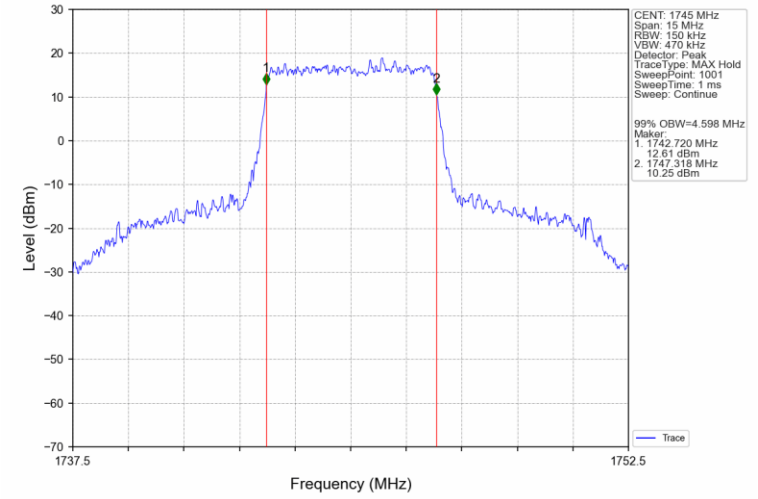
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



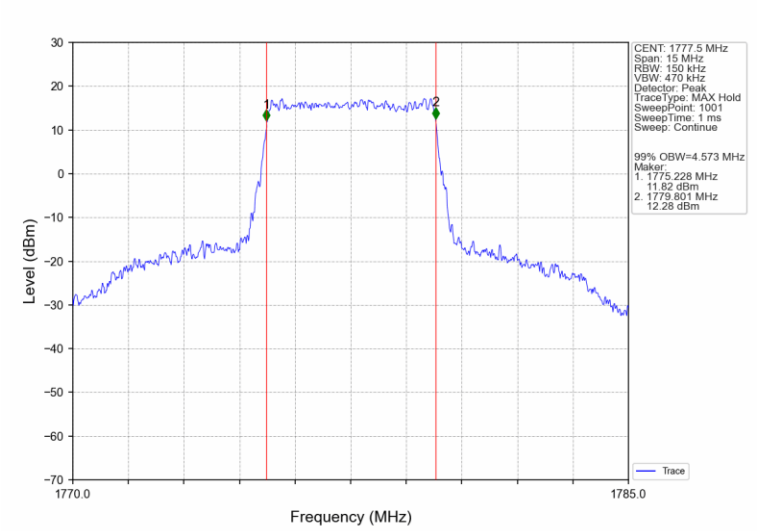
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



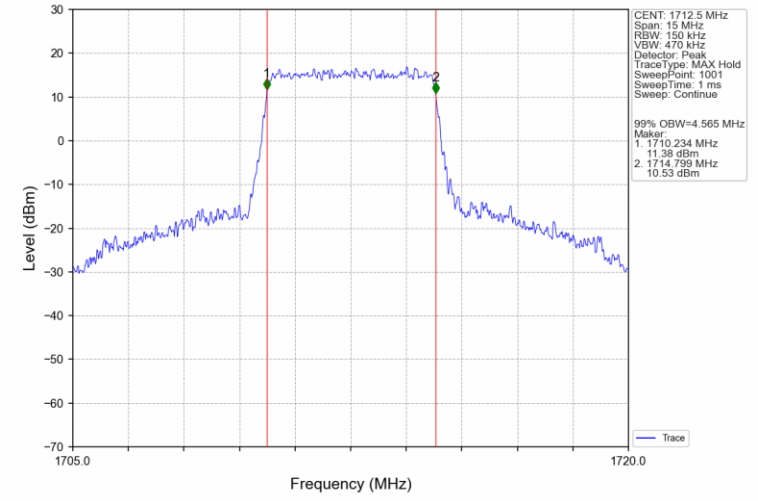
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



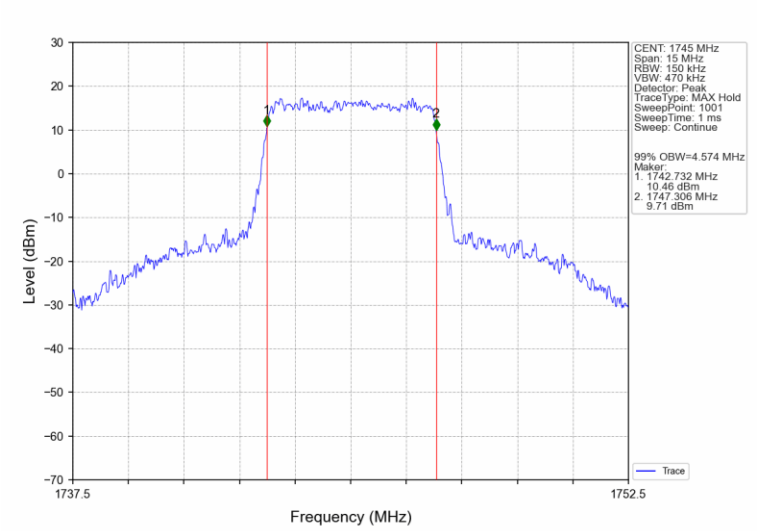
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



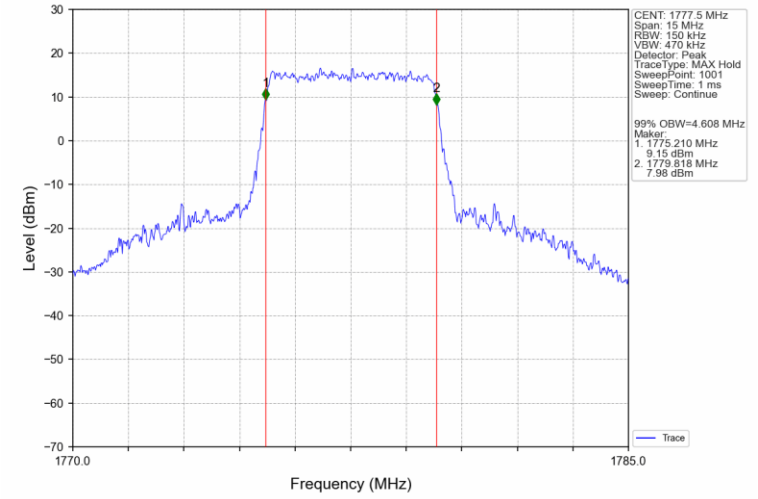
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



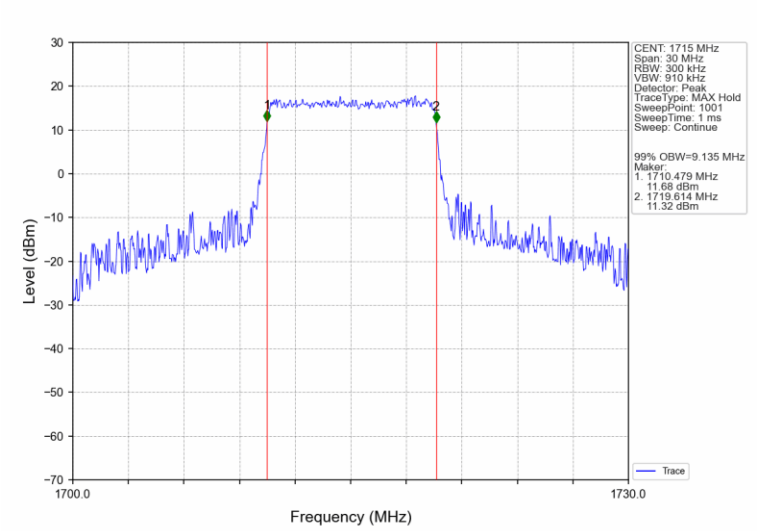
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



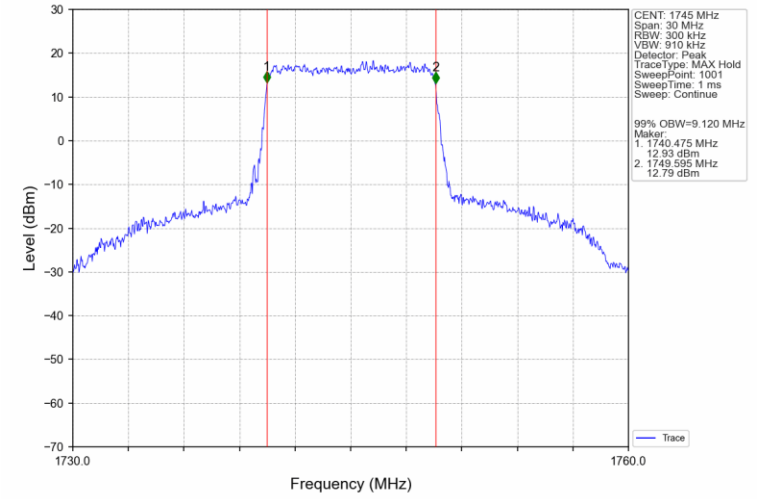
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



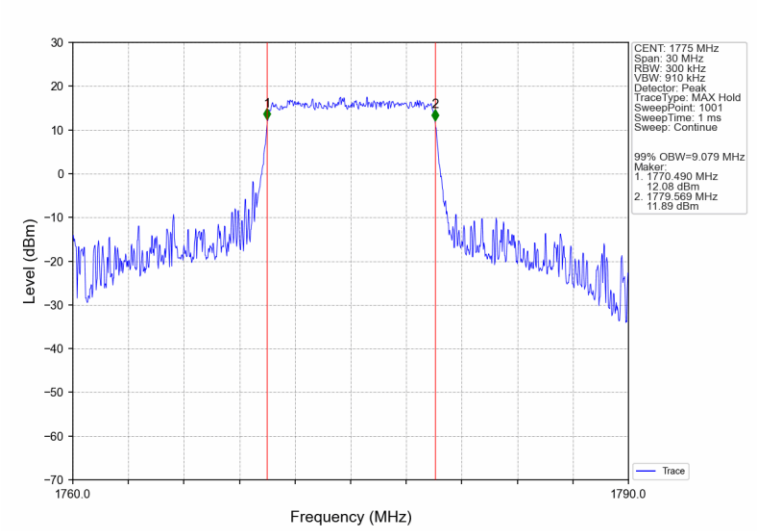
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



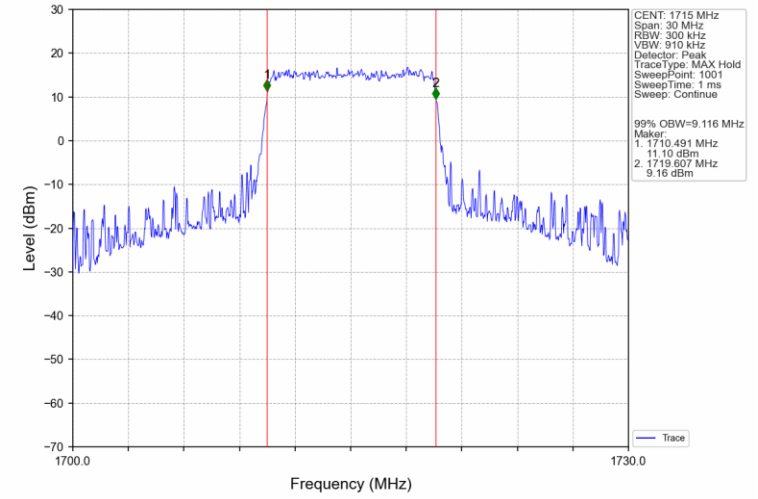
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



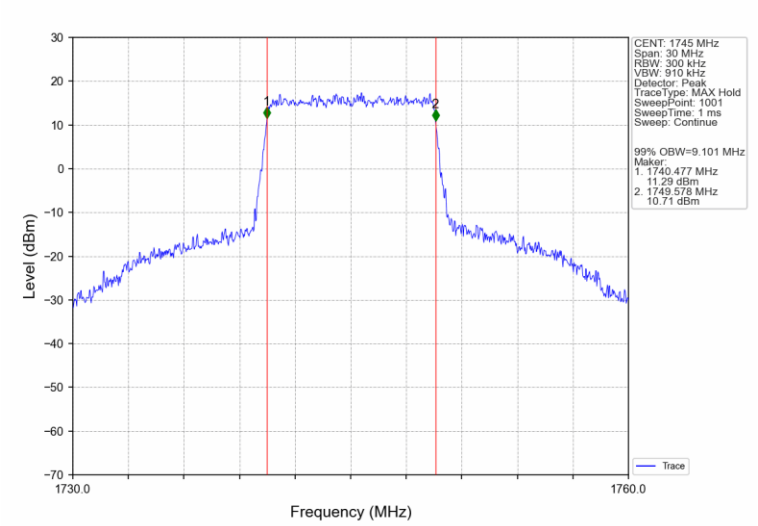
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



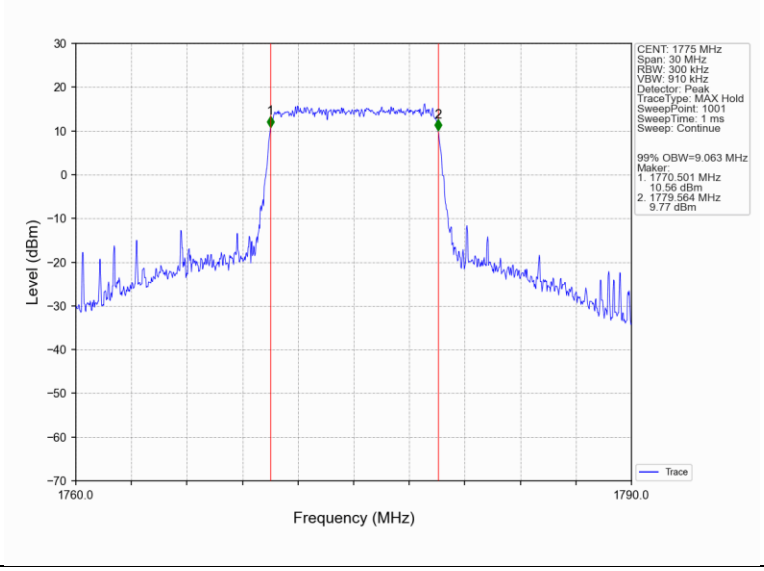
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



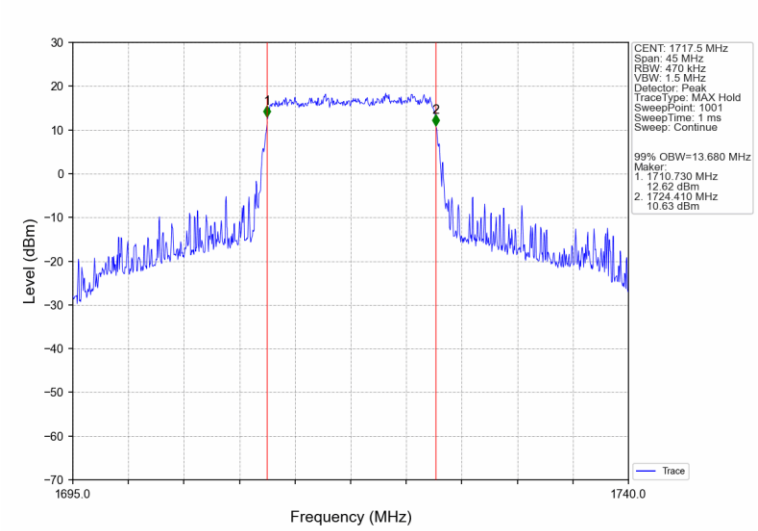
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



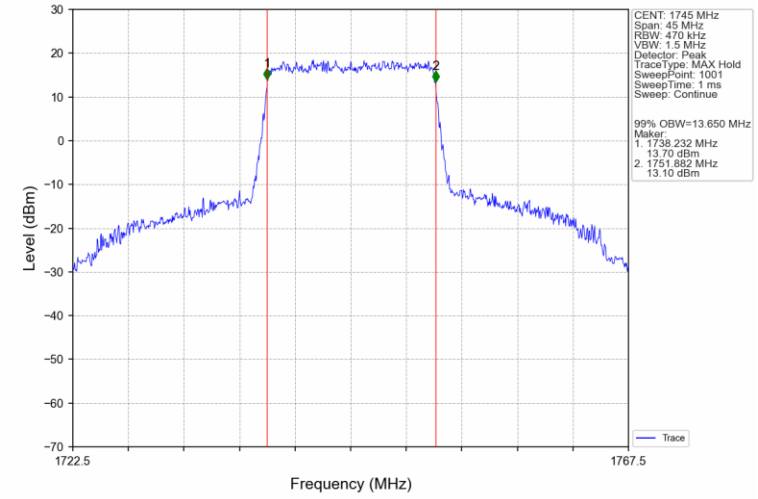
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



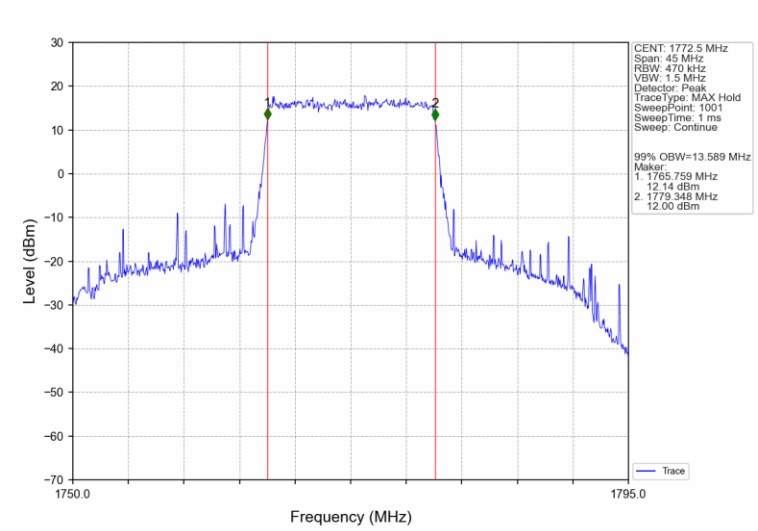
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



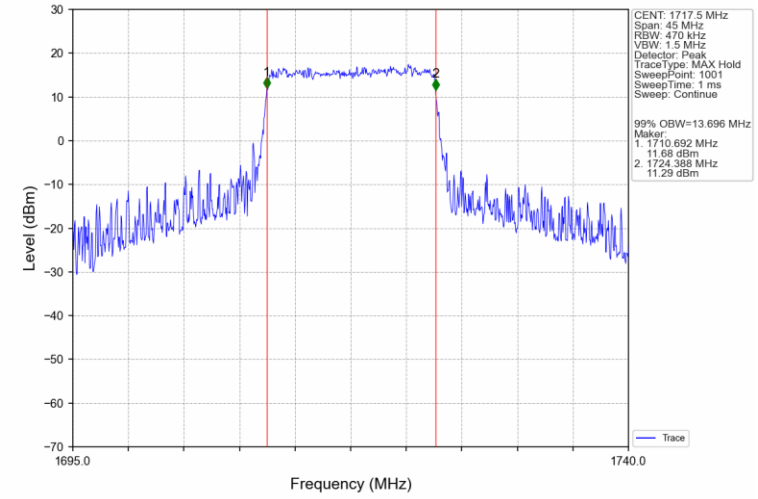
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



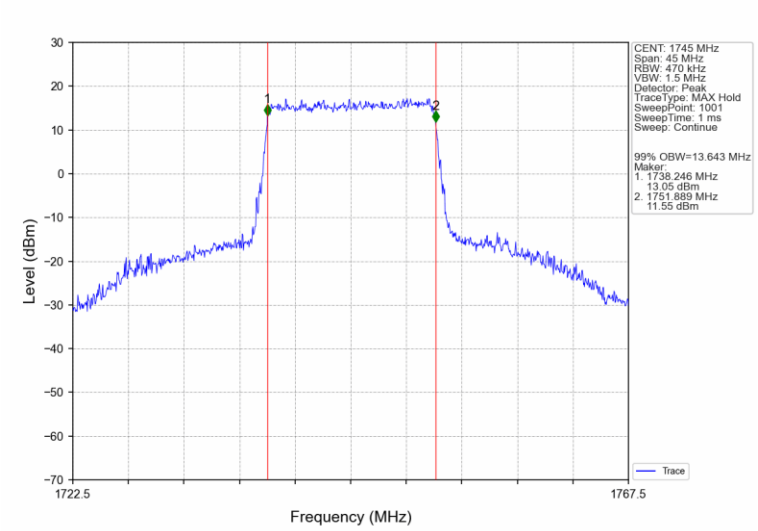
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



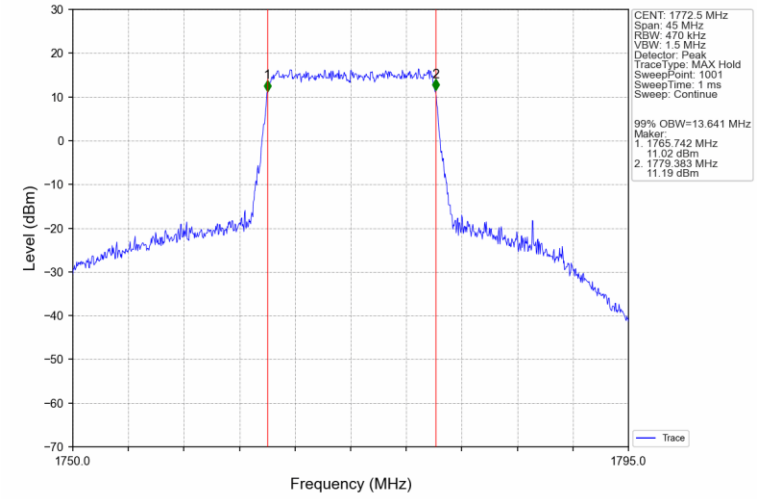
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



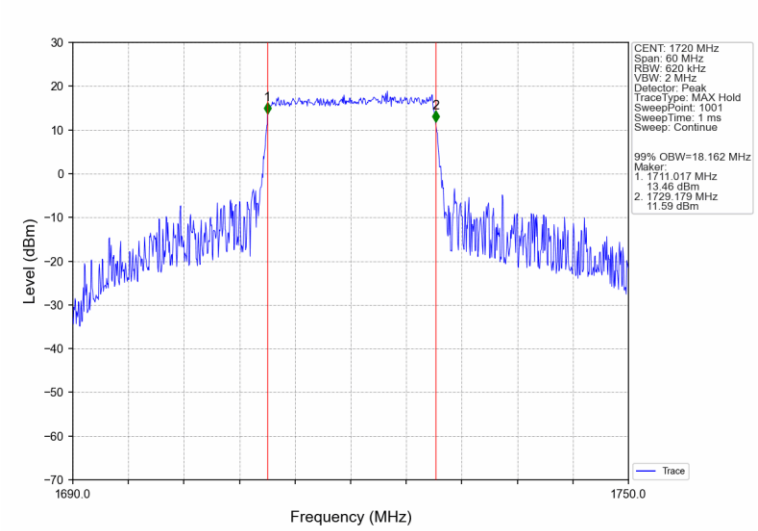
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



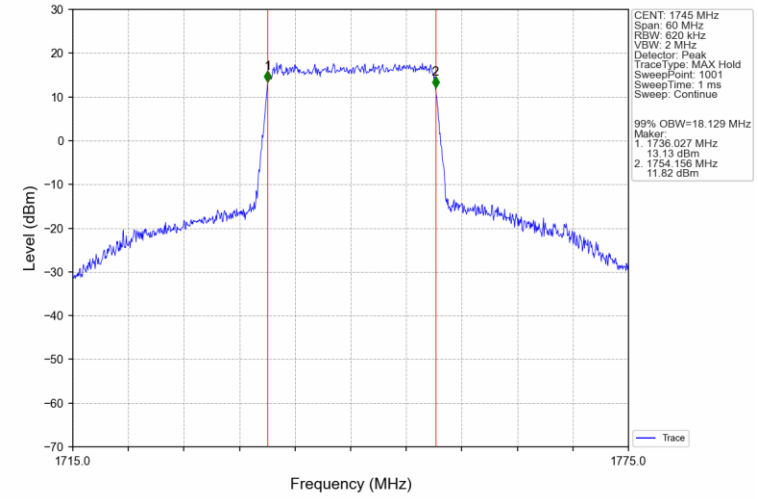
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



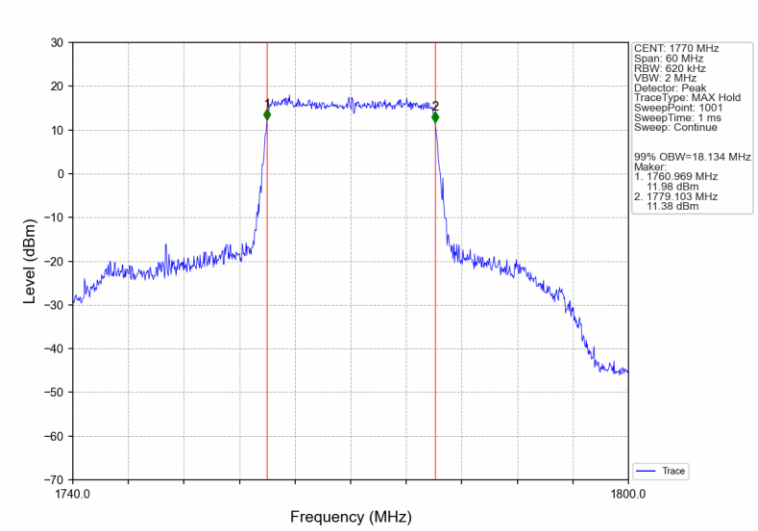
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



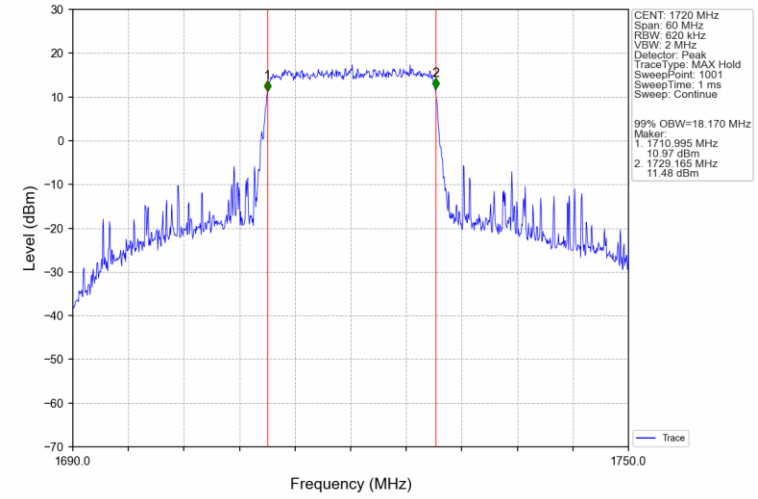
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



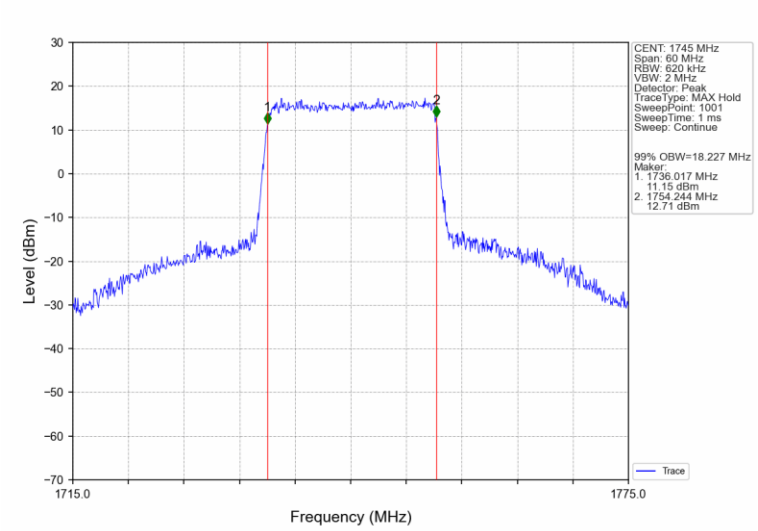
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



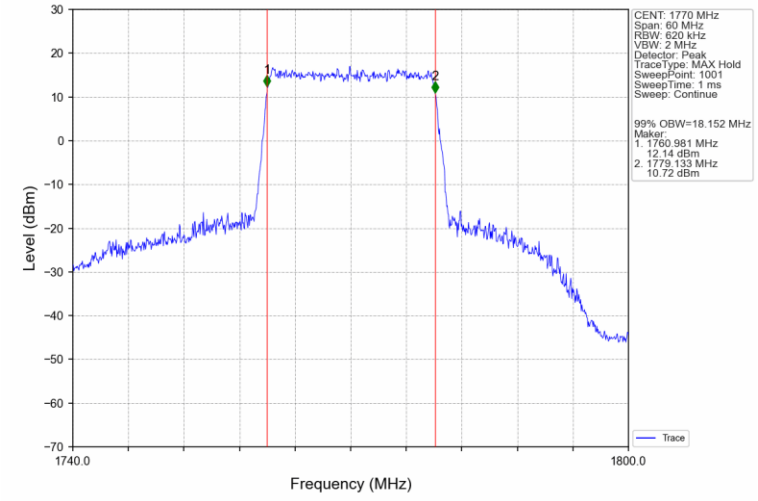
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



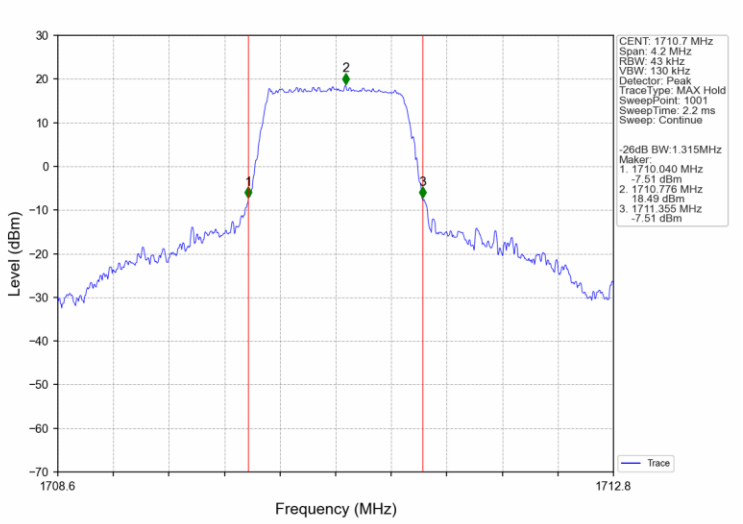
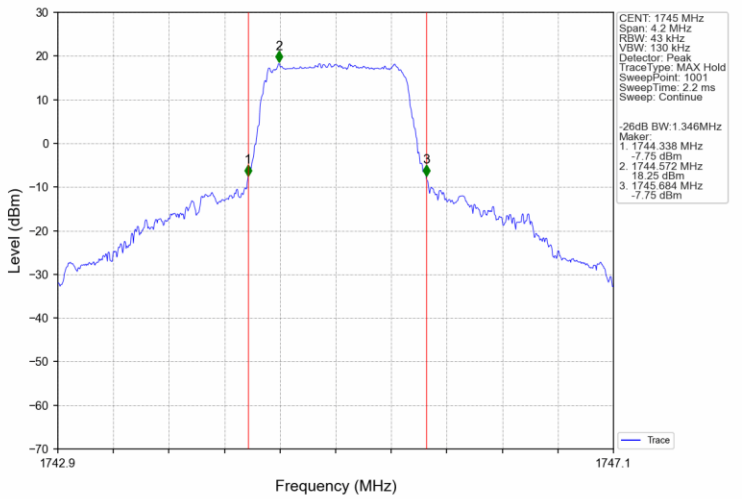
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



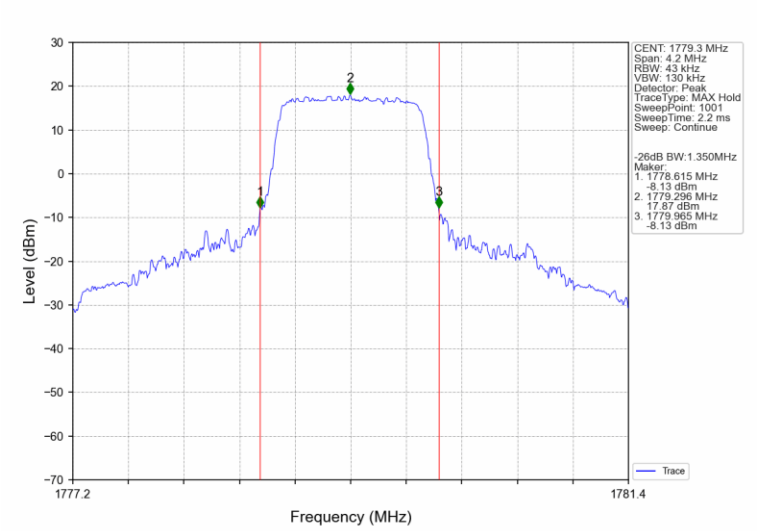
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



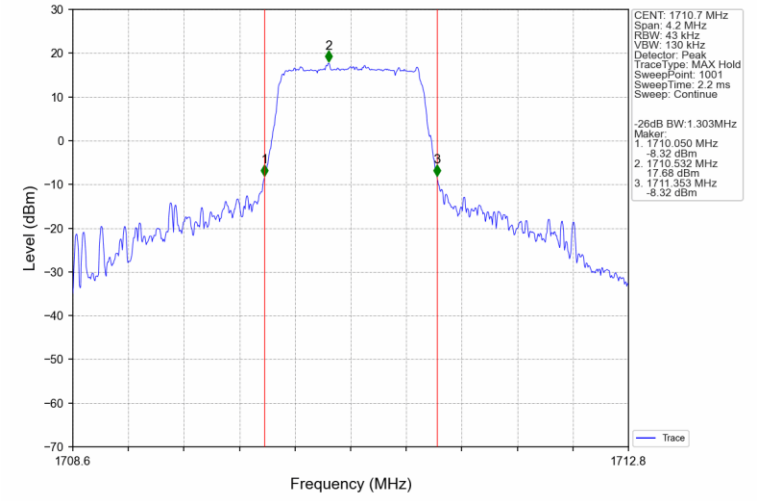
4.2.2 Band66_XDB

Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV


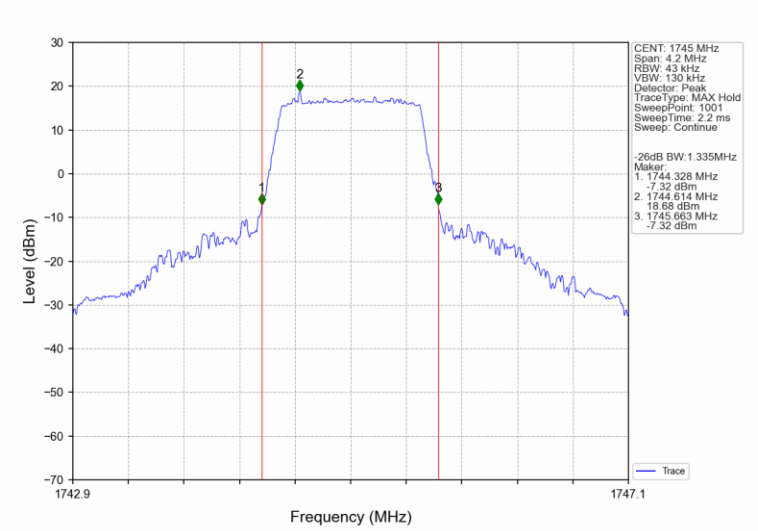
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



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