

Appendix Test Data for LTE_band_66

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.50	2.26	25.76	<=30	Pass
			2	23.68	2.26	25.94	<=30	Pass
			5	23.48	2.26	25.74	<=30	Pass
		3	0	23.44	2.26	25.70	<=30	Pass
			2	23.48	2.26	25.74	<=30	Pass
			3	23.50	2.26	25.76	<=30	Pass
		6	0	22.50	2.26	24.76	<=30	Pass
	1745	1	0	23.59	2.26	25.85	<=30	Pass
			2	23.83	2.26	26.09	<=30	Pass
			5	23.63	2.26	25.89	<=30	Pass
		3	0	23.66	2.26	25.92	<=30	Pass
			2	23.63	2.26	25.89	<=30	Pass
			3	23.65	2.26	25.91	<=30	Pass
		6	0	22.69	2.26	24.95	<=30	Pass
	1779.3	1	0	23.80	2.26	26.06	<=30	Pass
			2	23.98	2.26	26.24	<=30	Pass
			5	23.80	2.26	26.06	<=30	Pass
		3	0	23.89	2.26	26.15	<=30	Pass
			2	23.92	2.26	26.18	<=30	Pass
			3	23.95	2.26	26.21	<=30	Pass
		6	0	22.94	2.26	25.20	<=30	Pass
16QAM	1710.7	1	0	22.67	2.26	24.93	<=30	Pass
			2	22.85	2.26	25.11	<=30	Pass
			5	22.68	2.26	24.94	<=30	Pass
		3	0	22.47	2.26	24.73	<=30	Pass
			2	22.44	2.26	24.70	<=30	Pass
			3	22.47	2.26	24.73	<=30	Pass
		6	0	21.51	2.26	23.77	<=30	Pass
	1745	1	0	22.49	2.26	24.75	<=30	Pass
			2	22.67	2.26	24.93	<=30	Pass
			5	22.49	2.26	24.75	<=30	Pass
		3	0	22.47	2.26	24.73	<=30	Pass
			2	22.45	2.26	24.71	<=30	Pass
			3	22.51	2.26	24.77	<=30	Pass
		6	0	21.66	2.26	23.92	<=30	Pass
	1779.3	1	0	22.76	2.26	25.02	<=30	Pass
			2	22.91	2.26	25.17	<=30	Pass
			5	22.80	2.26	25.06	<=30	Pass
		3	0	22.91	2.26	25.17	<=30	Pass
			2	22.88	2.26	25.14	<=30	Pass
			3	22.91	2.26	25.17	<=30	Pass
		6	0	21.92	2.26	24.18	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.53	2.26	25.79	<=30	Pass
			7	23.45	2.26	25.71	<=30	Pass
			14	23.50	2.26	25.76	<=30	Pass
		8	0	22.47	2.26	24.73	<=30	Pass
			4	22.49	2.26	24.75	<=30	Pass
			7	22.47	2.26	24.73	<=30	Pass
		15	0	22.39	2.26	24.65	<=30	Pass
	1745	1	0	23.58	2.26	25.84	<=30	Pass
			7	23.51	2.26	25.77	<=30	Pass
			14	23.66	2.26	25.92	<=30	Pass
		8	0	22.54	2.26	24.80	<=30	Pass
			4	22.59	2.26	24.85	<=30	Pass
			7	22.51	2.26	24.77	<=30	Pass
		15	0	22.51	2.26	24.77	<=30	Pass
	1778.5	1	0	23.84	2.26	26.10	<=30	Pass
			7	23.74	2.26	26.00	<=30	Pass
			14	23.81	2.26	26.07	<=30	Pass
		8	0	22.86	2.26	25.12	<=30	Pass
			4	22.88	2.26	25.14	<=30	Pass
			7	22.79	2.26	25.05	<=30	Pass
		15	0	22.77	2.26	25.03	<=30	Pass
16QAM	1711.5	1	0	22.68	2.26	24.94	<=30	Pass
			7	22.63	2.26	24.89	<=30	Pass
			14	22.71	2.26	24.97	<=30	Pass
		8	0	21.44	2.26	23.70	<=30	Pass
			4	21.50	2.26	23.76	<=30	Pass
			7	21.45	2.26	23.71	<=30	Pass
		15	0	21.40	2.26	23.66	<=30	Pass
	1745	1	0	22.46	2.26	24.72	<=30	Pass
			7	22.33	2.26	24.59	<=30	Pass
			14	22.45	2.26	24.71	<=30	Pass
		8	0	21.50	2.26	23.76	<=30	Pass
			4	21.52	2.26	23.78	<=30	Pass
			7	21.48	2.26	23.74	<=30	Pass
		15	0	21.51	2.26	23.77	<=30	Pass
	1778.5	1	0	22.75	2.26	25.01	<=30	Pass
			7	22.68	2.26	24.94	<=30	Pass
			14	22.76	2.26	25.02	<=30	Pass
		8	0	21.79	2.26	24.05	<=30	Pass
			4	21.79	2.26	24.05	<=30	Pass
			7	21.74	2.26	24.00	<=30	Pass
		15	0	21.69	2.26	23.95	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.36	2.26	25.62	<=30	Pass
			13	23.47	2.26	25.73	<=30	Pass
			24	23.38	2.26	25.64	<=30	Pass
		12	0	22.36	2.26	24.62	<=30	Pass
			6	22.45	2.26	24.71	<=30	Pass
			13	22.43	2.26	24.69	<=30	Pass
		25	0	22.43	2.26	24.69	<=30	Pass
	1745	1	0	23.41	2.26	25.67	<=30	Pass
			13	23.54	2.26	25.80	<=30	Pass
			24	23.46	2.26	25.72	<=30	Pass
		12	0	22.48	2.26	24.74	<=30	Pass
			6	22.58	2.26	24.84	<=30	Pass
			13	22.55	2.26	24.81	<=30	Pass
		25	0	22.52	2.26	24.78	<=30	Pass
	1777.5	1	0	23.67	2.26	25.93	<=30	Pass
			13	23.80	2.26	26.06	<=30	Pass
			24	23.68	2.26	25.94	<=30	Pass
		12	0	22.74	2.26	25.00	<=30	Pass
			6	22.76	2.26	25.02	<=30	Pass
			13	22.75	2.26	25.01	<=30	Pass
		25	0	22.77	2.26	25.03	<=30	Pass
16QAM	1712.5	1	0	22.23	2.26	24.49	<=30	Pass
			13	22.33	2.26	24.59	<=30	Pass
			24	22.24	2.26	24.50	<=30	Pass
		12	0	21.35	2.26	23.61	<=30	Pass
			6	21.46	2.26	23.72	<=30	Pass
			13	21.44	2.26	23.70	<=30	Pass
		25	0	21.47	2.26	23.73	<=30	Pass
	1745	1	0	22.83	2.26	25.09	<=30	Pass
			13	22.93	2.26	25.19	<=30	Pass
			24	22.79	2.26	25.05	<=30	Pass
		12	0	21.45	2.26	23.71	<=30	Pass
			6	21.55	2.26	23.81	<=30	Pass
			13	21.53	2.26	23.79	<=30	Pass
		25	0	21.54	2.26	23.80	<=30	Pass
	1777.5	1	0	22.67	2.26	24.93	<=30	Pass
			13	22.82	2.26	25.08	<=30	Pass
			24	22.74	2.26	25.00	<=30	Pass
		12	0	21.70	2.26	23.96	<=30	Pass
			6	21.75	2.26	24.01	<=30	Pass
			13	21.68	2.26	23.94	<=30	Pass
		25	0	21.68	2.26	23.94	<=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	23.51	2.26	25.77	<=30	Pass
			25	23.63	2.26	25.89	<=30	Pass
			49	23.52	2.26	25.78	<=30	Pass
		25	0	22.41	2.26	24.67	<=30	Pass
			13	22.46	2.26	24.72	<=30	Pass
			25	22.53	2.26	24.79	<=30	Pass
		50	0	22.44	2.26	24.70	<=30	Pass
	1745	1	0	23.56	2.26	25.82	<=30	Pass
			25	23.73	2.26	25.99	<=30	Pass
			49	23.68	2.26	25.94	<=30	Pass
		25	0	22.56	2.26	24.82	<=30	Pass
			13	22.60	2.26	24.86	<=30	Pass
			25	22.62	2.26	24.88	<=30	Pass
		50	0	22.57	2.26	24.83	<=30	Pass
	1775	1	0	23.80	2.26	26.06	<=30	Pass
			25	23.91	2.26	26.17	<=30	Pass
			49	23.78	2.26	26.04	<=30	Pass
		25	0	22.77	2.26	25.03	<=30	Pass
			13	22.78	2.26	25.04	<=30	Pass
			25	22.81	2.26	25.07	<=30	Pass
		50	0	22.77	2.26	25.03	<=30	Pass
16QAM	1715	1	0	22.70	2.26	24.96	<=30	Pass
			25	22.82	2.26	25.08	<=30	Pass
			49	22.82	2.26	25.08	<=30	Pass
		12	0	22.31	2.26	24.57	<=30	Pass
			19	22.37	2.26	24.63	<=30	Pass
			38	22.46	2.26	24.72	<=30	Pass
		27	0	21.44	2.26	23.70	<=30	Pass
	1745	1	0	22.43	2.26	24.69	<=30	Pass
			25	22.58	2.26	24.84	<=30	Pass
			49	22.49	2.26	24.75	<=30	Pass
		12	0	22.48	2.26	24.74	<=30	Pass
			19	22.51	2.26	24.77	<=30	Pass
			38	22.51	2.26	24.77	<=30	Pass
		27	0	21.58	2.26	23.84	<=30	Pass
	1775	1	0	22.66	2.26	24.92	<=30	Pass
			25	22.81	2.26	25.07	<=30	Pass
			49	22.75	2.26	25.01	<=30	Pass
		12	0	22.59	2.26	24.85	<=30	Pass
			19	22.69	2.26	24.95	<=30	Pass
			38	22.68	2.26	24.94	<=30	Pass
		27	23	21.72	2.26	23.98	<=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	23.45	2.26	25.71	<=30	Pass
			38	23.55	2.26	25.81	<=30	Pass
			74	23.39	2.26	25.65	<=30	Pass
		36	0	22.50	2.26	24.76	<=30	Pass
			18	22.57	2.26	24.83	<=30	Pass
			39	22.55	2.26	24.81	<=30	Pass
		75	0	22.54	2.26	24.80	<=30	Pass
	1745	1	0	23.46	2.26	25.72	<=30	Pass
			38	23.63	2.26	25.89	<=30	Pass
			74	23.58	2.26	25.84	<=30	Pass
		36	0	22.56	2.26	24.82	<=30	Pass
			18	22.64	2.26	24.90	<=30	Pass
			39	22.73	2.26	24.99	<=30	Pass
		75	0	22.64	2.26	24.90	<=30	Pass
	1772.5	1	0	23.67	2.26	25.93	<=30	Pass
			38	23.82	2.26	26.08	<=30	Pass
			74	23.69	2.26	25.95	<=30	Pass
		36	0	22.90	2.26	25.16	<=30	Pass
			18	22.94	2.26	25.20	<=30	Pass
			39	22.88	2.26	25.14	<=30	Pass
		75	0	22.88	2.26	25.14	<=30	Pass
16QAM	1717.5	1	0	22.23	2.26	24.49	<=30	Pass
			38	22.38	2.26	24.64	<=30	Pass
			74	22.31	2.26	24.57	<=30	Pass
		12	0	22.26	2.26	24.52	<=30	Pass
			31	22.44	2.26	24.70	<=30	Pass
			63	22.42	2.26	24.68	<=30	Pass
		27	0	21.37	2.26	23.63	<=30	Pass
	1745	1	0	22.41	2.26	24.67	<=30	Pass
			38	22.48	2.26	24.74	<=30	Pass
			74	22.39	2.26	24.65	<=30	Pass
		12	0	22.47	2.26	24.73	<=30	Pass
			31	22.53	2.26	24.79	<=30	Pass
			63	22.44	2.26	24.70	<=30	Pass
		27	0	21.54	2.26	23.80	<=30	Pass
	1772.5	1	0	22.53	2.26	24.79	<=30	Pass
			38	22.71	2.26	24.97	<=30	Pass
			74	22.65	2.26	24.91	<=30	Pass
		12	0	22.45	2.26	24.71	<=30	Pass
			31	22.64	2.26	24.90	<=30	Pass
			63	22.63	2.26	24.89	<=30	Pass
		27	48	21.68	2.26	23.94	<=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	23.17	2.26	25.43	<=30	Pass
			50	23.56	2.26	25.82	<=30	Pass
			99	23.19	2.26	25.45	<=30	Pass
		50	0	22.32	2.26	24.58	<=30	Pass
			25	22.45	2.26	24.71	<=30	Pass
			50	22.45	2.26	24.71	<=30	Pass
		100	0	22.34	2.26	24.60	<=30	Pass
			0	23.28	2.26	25.54	<=30	Pass
			50	23.65	2.26	25.91	<=30	Pass
	1745	1	99	23.42	2.26	25.68	<=30	Pass
			0	22.50	2.26	24.76	<=30	Pass
			25	22.53	2.26	24.79	<=30	Pass
		50	50	22.56	2.26	24.82	<=30	Pass
			0	22.54	2.26	24.80	<=30	Pass
			0	23.47	2.26	25.73	<=30	Pass
		1	50	23.95	2.26	26.21	<=30	Pass
			99	23.56	2.26	25.82	<=30	Pass
			0	22.59	2.26	24.85	<=30	Pass
	1770	50	25	22.70	2.26	24.96	<=30	Pass
			50	22.72	2.26	24.98	<=30	Pass
			0	22.63	2.26	24.89	<=30	Pass
16QAM	1720	1	0	22.12	2.26	24.38	<=30	Pass
			50	22.55	2.26	24.81	<=30	Pass
			99	22.28	2.26	24.54	<=30	Pass
		12	0	22.08	2.26	24.34	<=30	Pass
			44	22.35	2.26	24.61	<=30	Pass
			88	22.20	2.26	24.46	<=30	Pass
		27	0	21.18	2.26	23.44	<=30	Pass
			0	22.14	2.26	24.40	<=30	Pass
			50	22.47	2.26	24.73	<=30	Pass
	1745	1	99	22.20	2.26	24.46	<=30	Pass
			0	22.39	2.26	24.65	<=30	Pass
			44	22.54	2.26	24.80	<=30	Pass
		12	88	22.34	2.26	24.60	<=30	Pass
			0	21.38	2.26	23.64	<=30	Pass
			0	22.65	2.26	24.91	<=30	Pass
		1	50	23.12	2.26	25.38	<=30	Pass
			99	22.89	2.26	25.15	<=30	Pass
			0	22.29	2.26	24.55	<=30	Pass
	1770	12	44	22.60	2.26	24.86	<=30	Pass
			88	22.49	2.26	24.75	<=30	Pass
			73	21.67	2.26	23.93	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.15	-7.010	-0.0041	-2.5 to 2.5	Pass
					3.70	-3.934	-0.0023	-2.5 to 2.5	Pass
					4.26	-2.747	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	-2.990	-0.0017	-2.5 to 2.5	Pass
				-20	3.70	-2.418	-0.0014	-2.5 to 2.5	Pass
				-10	3.70	-6.223	-0.0036	-2.5 to 2.5	Pass
				0	3.70	-4.520	-0.0026	-2.5 to 2.5	Pass
				10	3.70	-3.190	-0.0019	-2.5 to 2.5	Pass
				30	3.70	-6.266	-0.0037	-2.5 to 2.5	Pass
				40	3.70	-5.937	-0.0035	-2.5 to 2.5	Pass
				50	3.70	-2.589	-0.0015	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	-6.523	-0.0037	-2.5 to 2.5	Pass
					3.70	-1.774	-0.0010	-2.5 to 2.5	Pass
					4.26	-3.018	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	-7.896	-0.0045	-2.5 to 2.5	Pass
				-20	3.70	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.70	-1.287	-0.0007	-2.5 to 2.5	Pass
				0	3.70	-7.639	-0.0044	-2.5 to 2.5	Pass
				10	3.70	-3.905	-0.0022	-2.5 to 2.5	Pass
				30	3.70	-5.364	-0.0031	-2.5 to 2.5	Pass
				40	3.70	-2.975	-0.0017	-2.5 to 2.5	Pass
				50	3.70	-5.980	-0.0034	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	-7.238	-0.0041	-2.5 to 2.5	Pass
					3.70	-4.592	-0.0026	-2.5 to 2.5	Pass
					4.26	-4.778	-0.0027	-2.5 to 2.5	Pass
				-30	3.70	-3.247	-0.0018	-2.5 to 2.5	Pass
				-20	3.70	-0.544	-0.0003	-2.5 to 2.5	Pass
				-10	3.70	-4.964	-0.0028	-2.5 to 2.5	Pass
				0	3.70	3.161	0.0018	-2.5 to 2.5	Pass
				10	3.70	-7.710	-0.0043	-2.5 to 2.5	Pass
				30	3.70	1.659	0.0009	-2.5 to 2.5	Pass
				40	3.70	-2.975	-0.0017	-2.5 to 2.5	Pass
				50	3.70	-6.609	-0.0037	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.15	-5.322	-0.0031	-2.5 to 2.5	Pass
					3.70	-3.419	-0.0020	-2.5 to 2.5	Pass
					4.26	-5.393	-0.0032	-2.5 to 2.5	Pass
				-30	3.70	-4.649	-0.0027	-2.5 to 2.5	Pass
				-20	3.70	-4.921	-0.0029	-2.5 to 2.5	Pass
				-10	3.70	-8.769	-0.0051	-2.5 to 2.5	Pass
				0	3.70	-5.078	-0.0030	-2.5 to 2.5	Pass
				10	3.70	-4.964	-0.0029	-2.5 to 2.5	Pass
				30	3.70	-4.420	-0.0026	-2.5 to 2.5	Pass
				40	3.70	-1.988	-0.0012	-2.5 to 2.5	Pass
				50	3.70	-6.766	-0.0040	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	-6.166	-0.0035	-2.5 to 2.5	Pass
					3.70	-3.433	-0.0020	-2.5 to 2.5	Pass
					4.26	0.687	0.0004	-2.5 to 2.5	Pass
				-30	3.70	1.388	0.0008	-2.5 to 2.5	Pass
				-20	3.70	-1.574	-0.0009	-2.5 to 2.5	Pass
				-10	3.70	-2.203	-0.0013	-2.5 to 2.5	Pass

				0	3.70	-5.794	-0.0033	-2.5 to 2.5	Pass
				10	3.70	-3.247	-0.0019	-2.5 to 2.5	Pass
				30	3.70	-8.812	-0.0050	-2.5 to 2.5	Pass
				40	3.70	-4.706	-0.0027	-2.5 to 2.5	Pass
				50	3.70	-8.941	-0.0051	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	-3.963	-0.0022	-2.5 to 2.5	Pass
					3.70	-6.351	-0.0036	-2.5 to 2.5	Pass
					4.26	-5.722	-0.0032	-2.5 to 2.5	Pass
				-30	3.70	-4.635	-0.0026	-2.5 to 2.5	Pass
				-20	3.70	-6.680	-0.0038	-2.5 to 2.5	Pass
				-10	3.70	-1.044	-0.0006	-2.5 to 2.5	Pass
				0	3.70	-6.609	-0.0037	-2.5 to 2.5	Pass
				10	3.70	-1.616	-0.0009	-2.5 to 2.5	Pass
				30	3.70	-6.037	-0.0034	-2.5 to 2.5	Pass
				40	3.70	-2.017	-0.0011	-2.5 to 2.5	Pass
				50	3.70	-6.852	-0.0039	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.15	-5.193	-0.0030	-2.5 to 2.5	Pass
					3.70	-4.892	-0.0029	-2.5 to 2.5	Pass
					4.26	-3.362	-0.0020	-2.5 to 2.5	Pass
				-30	3.70	-6.866	-0.0040	-2.5 to 2.5	Pass
				-20	3.70	-4.377	-0.0026	-2.5 to 2.5	Pass
				-10	3.70	-4.392	-0.0026	-2.5 to 2.5	Pass
				0	3.70	-2.904	-0.0017	-2.5 to 2.5	Pass
				10	3.70	-1.688	-0.0010	-2.5 to 2.5	Pass
				30	3.70	-5.908	-0.0035	-2.5 to 2.5	Pass
				40	3.70	-8.497	-0.0050	-2.5 to 2.5	Pass
				50	3.70	-5.479	-0.0032	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	-5.965	-0.0034	-2.5 to 2.5	Pass
					3.70	-2.289	-0.0013	-2.5 to 2.5	Pass
					4.26	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.70	-7.596	-0.0044	-2.5 to 2.5	Pass
				-20	3.70	-2.918	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	0.386	0.0002	-2.5 to 2.5	Pass
				0	3.70	1.116	0.0006	-2.5 to 2.5	Pass
				10	3.70	-1.302	-0.0007	-2.5 to 2.5	Pass
				30	3.70	-2.604	-0.0015	-2.5 to 2.5	Pass
				40	3.70	0.887	0.0005	-2.5 to 2.5	Pass
				50	3.70	-5.736	-0.0033	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.15	-1.931	-0.0011	-2.5 to 2.5	Pass
					3.70	-2.375	-0.0013	-2.5 to 2.5	Pass
					4.26	-0.615	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	-8.469	-0.0048	-2.5 to 2.5	Pass
				-20	3.70	-4.177	-0.0023	-2.5 to 2.5	Pass
				-10	3.70	-8.841	-0.0050	-2.5 to 2.5	Pass
				0	3.70	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.70	-5.879	-0.0033	-2.5 to 2.5	Pass
				30	3.70	-0.629	-0.0004	-2.5 to 2.5	Pass
				40	3.70	-8.268	-0.0046	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.15	-8.254	-0.0048	-2.5 to 2.5	Pass
					3.70	-6.137	-0.0036	-2.5 to 2.5	Pass
					4.26	-8.626	-0.0050	-2.5 to 2.5	Pass
				-30	3.70	-3.948	-0.0023	-2.5 to 2.5	Pass
				-20	3.70	-6.838	-0.0040	-2.5 to 2.5	Pass
				-10	3.70	-7.195	-0.0042	-2.5 to 2.5	Pass
				0	3.70	-1.502	-0.0009	-2.5 to 2.5	Pass
				10	3.70	-2.174	-0.0013	-2.5 to 2.5	Pass
				30	3.70	-2.117	-0.0012	-2.5 to 2.5	Pass
				40	3.70	-3.190	-0.0019	-2.5 to 2.5	Pass
				50	3.70	-7.110	-0.0042	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	-3.004	-0.0017	-2.5 to 2.5	Pass
					3.70	-2.646	-0.0015	-2.5 to 2.5	Pass
					4.26	-3.090	-0.0018	-2.5 to 2.5	Pass
				-30	3.70	-0.744	-0.0004	-2.5 to 2.5	Pass
				-20	3.70	-6.981	-0.0040	-2.5 to 2.5	Pass
				-10	3.70	-5.507	-0.0032	-2.5 to 2.5	Pass
				0	3.70	-5.536	-0.0032	-2.5 to 2.5	Pass
				10	3.70	-5.550	-0.0032	-2.5 to 2.5	Pass
				30	3.70	-6.337	-0.0036	-2.5 to 2.5	Pass
				40	3.70	-3.676	-0.0021	-2.5 to 2.5	Pass
				50	3.70	-5.822	-0.0033	-2.5 to 2.5	Pass

	1778.5	15	0	20	3.15	-2.918	-0.0016	-2.5 to 2.5	Pass
					3.70	-3.104	-0.0017	-2.5 to 2.5	Pass
					4.26	-5.007	-0.0028	-2.5 to 2.5	Pass
				-30	3.70	-6.738	-0.0038	-2.5 to 2.5	Pass
				-20	3.70	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.70	-4.578	-0.0026	-2.5 to 2.5	Pass
				0	3.70	-4.592	-0.0026	-2.5 to 2.5	Pass
				10	3.70	-5.150	-0.0029	-2.5 to 2.5	Pass
				30	3.70	-3.090	-0.0017	-2.5 to 2.5	Pass
				40	3.70	-7.281	-0.0041	-2.5 to 2.5	Pass
				50	3.70	-4.277	-0.0024	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.15	-3.462	-0.0020	-2.5 to 2.5	Pass
					3.70	-1.287	-0.0008	-2.5 to 2.5	Pass
					4.26	-3.777	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	-5.980	-0.0035	-2.5 to 2.5	Pass
				-20	3.70	-3.676	-0.0021	-2.5 to 2.5	Pass
				-10	3.70	-2.689	-0.0016	-2.5 to 2.5	Pass
				0	3.70	-5.522	-0.0032	-2.5 to 2.5	Pass
				10	3.70	-2.418	-0.0014	-2.5 to 2.5	Pass
				30	3.70	-1.745	-0.0010	-2.5 to 2.5	Pass
				40	3.70	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.70	-2.990	-0.0017	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	-7.668	-0.0044	-2.5 to 2.5	Pass
					3.70	-5.536	-0.0032	-2.5 to 2.5	Pass
					4.26	-6.881	-0.0039	-2.5 to 2.5	Pass
				-30	3.70	-2.375	-0.0014	-2.5 to 2.5	Pass
				-20	3.70	-4.950	-0.0028	-2.5 to 2.5	Pass
				-10	3.70	-3.920	-0.0022	-2.5 to 2.5	Pass
				0	3.70	-4.649	-0.0027	-2.5 to 2.5	Pass
				10	3.70	-5.250	-0.0030	-2.5 to 2.5	Pass
				30	3.70	-3.705	-0.0021	-2.5 to 2.5	Pass
				40	3.70	-2.089	-0.0012	-2.5 to 2.5	Pass
				50	3.70	-0.415	-0.0002	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.15	-2.317	-0.0013	-2.5 to 2.5	Pass
					3.70	-4.406	-0.0025	-2.5 to 2.5	Pass
					4.26	-3.076	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	-4.520	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	-4.478	-0.0025	-2.5 to 2.5	Pass
				-10	3.70	-4.792	-0.0027	-2.5 to 2.5	Pass
				0	3.70	-2.146	-0.0012	-2.5 to 2.5	Pass
				10	3.70	-5.651	-0.0032	-2.5 to 2.5	Pass
				30	3.70	-3.991	-0.0022	-2.5 to 2.5	Pass
				40	3.70	-5.307	-0.0030	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.15	-2.990	-0.0017	-2.5 to 2.5	Pass
					3.70	-3.362	-0.0020	-2.5 to 2.5	Pass
					4.26	-0.429	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	1.373	0.0008	-2.5 to 2.5	Pass
				-20	3.70	-1.588	-0.0009	-2.5 to 2.5	Pass
				-10	3.70	-2.618	-0.0015	-2.5 to 2.5	Pass
				0	3.70	-3.920	-0.0023	-2.5 to 2.5	Pass
				10	3.70	-3.633	-0.0021	-2.5 to 2.5	Pass
				30	3.70	0.043	0.0000	-2.5 to 2.5	Pass
				40	3.70	-3.576	-0.0021	-2.5 to 2.5	Pass
				50	3.70	-1.431	-0.0008	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	-5.364	-0.0031	-2.5 to 2.5	Pass
					3.70	-4.663	-0.0027	-2.5 to 2.5	Pass
					4.26	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	-2.260	-0.0013	-2.5 to 2.5	Pass
				-20	3.70	-7.310	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	0.300	0.0002	-2.5 to 2.5	Pass
				0	3.70	-5.207	-0.0030	-2.5 to 2.5	Pass
				10	3.70	0.687	0.0004	-2.5 to 2.5	Pass
				30	3.70	3.376	0.0019	-2.5 to 2.5	Pass
				40	3.70	-1.273	-0.0007	-2.5 to 2.5	Pass
				50	3.70	-1.316	-0.0008	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.15	1.874	0.0011	-2.5 to 2.5	Pass
					3.70	-4.821	-0.0027	-2.5 to 2.5	Pass
					4.26	-3.061	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	-2.532	-0.0014	-2.5 to 2.5	Pass
				-20	3.70	-3.719	-0.0021	-2.5 to 2.5	Pass
				-10	3.70	-2.632	-0.0015	-2.5 to 2.5	Pass
				0	3.70	-5.908	-0.0033	-2.5 to 2.5	Pass
				10	3.70	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	3.70	-2.117	-0.0012	-2.5 to 2.5	Pass
				40	3.70	-0.358	-0.0002	-2.5 to 2.5	Pass
				50	3.70	-2.003	-0.0011	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.15	-5.264	-0.0031	-2.5 to 2.5	Pass
					3.70	-6.366	-0.0037	-2.5 to 2.5	Pass
					4.26	-5.064	-0.0030	-2.5 to 2.5	Pass
				-30	3.70	-5.622	-0.0033	-2.5 to 2.5	Pass
				-20	3.70	-4.706	-0.0027	-2.5 to 2.5	Pass
				-10	3.70	-2.761	-0.0016	-2.5 to 2.5	Pass
				0	3.70	-3.862	-0.0023	-2.5 to 2.5	Pass
				10	3.70	-6.967	-0.0041	-2.5 to 2.5	Pass
				30	3.70	-4.678	-0.0027	-2.5 to 2.5	Pass
				40	3.70	-6.938	-0.0040	-2.5 to 2.5	Pass
				50	3.70	-5.908	-0.0034	-2.5 to 2.5	Pass
	1745	50	0	20	3.15	-6.580	-0.0038	-2.5 to 2.5	Pass
					3.70	-5.608	-0.0032	-2.5 to 2.5	Pass
					4.26	-3.576	-0.0020	-2.5 to 2.5	Pass
				-30	3.70	-5.307	-0.0030	-2.5 to 2.5	Pass
				-20	3.70	-7.439	-0.0043	-2.5 to 2.5	Pass
				-10	3.70	-8.011	-0.0046	-2.5 to 2.5	Pass
				0	3.70	-3.834	-0.0022	-2.5 to 2.5	Pass
				10	3.70	-4.950	-0.0028	-2.5 to 2.5	Pass
				30	3.70	-2.432	-0.0014	-2.5 to 2.5	Pass
				40	3.70	-3.390	-0.0019	-2.5 to 2.5	Pass
				50	3.70	-5.035	-0.0029	-2.5 to 2.5	Pass
	1775	50	0	20	3.15	-5.536	-0.0031	-2.5 to 2.5	Pass
					3.70	-6.123	-0.0034	-2.5 to 2.5	Pass
					4.26	-7.696	-0.0043	-2.5 to 2.5	Pass
				-30	3.70	-9.484	-0.0053	-2.5 to 2.5	Pass
				-20	3.70	-8.354	-0.0047	-2.5 to 2.5	Pass
				-10	3.70	-5.264	-0.0030	-2.5 to 2.5	Pass
				0	3.70	-9.513	-0.0054	-2.5 to 2.5	Pass
				10	3.70	-5.708	-0.0032	-2.5 to 2.5	Pass
				30	3.70	-7.811	-0.0044	-2.5 to 2.5	Pass
				40	3.70	-4.663	-0.0026	-2.5 to 2.5	Pass
				50	3.70	-8.683	-0.0049	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.15	-3.219	-0.0019	-2.5 to 2.5	Pass
					3.70	-6.194	-0.0036	-2.5 to 2.5	Pass
					4.26	-8.426	-0.0049	-2.5 to 2.5	Pass
				-30	3.70	-10.786	-0.0063	-2.5 to 2.5	Pass
				-20	3.70	-8.125	-0.0047	-2.5 to 2.5	Pass
				-10	3.70	-8.597	-0.0050	-2.5 to 2.5	Pass
				0	3.70	-11.373	-0.0066	-2.5 to 2.5	Pass
				10	3.70	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.70	-5.794	-0.0034	-2.5 to 2.5	Pass
				40	3.70	-5.078	-0.0030	-2.5 to 2.5	Pass
				50	3.70	-11.501	-0.0067	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	-3.805	-0.0022	-2.5 to 2.5	Pass
					3.70	-6.981	-0.0040	-2.5 to 2.5	Pass
					4.26	-1.659	-0.0010	-2.5 to 2.5	Pass
				-30	3.70	-4.978	-0.0029	-2.5 to 2.5	Pass
				-20	3.70	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.70	-1.502	-0.0009	-2.5 to 2.5	Pass
				0	3.70	-1.073	-0.0006	-2.5 to 2.5	Pass
				10	3.70	-3.519	-0.0020	-2.5 to 2.5	Pass
				30	3.70	-1.545	-0.0009	-2.5 to 2.5	Pass
				40	3.70	-3.104	-0.0018	-2.5 to 2.5	Pass
				50	3.70	-1.717	-0.0010	-2.5 to 2.5	Pass

	1775	27	23	20	3.15	-8.926	-0.0050	-2.5 to 2.5	Pass
					3.70	-3.591	-0.0020	-2.5 to 2.5	Pass
					4.26	-5.264	-0.0030	-2.5 to 2.5	Pass
				-30	3.70	-8.197	-0.0046	-2.5 to 2.5	Pass
				-20	3.70	-6.852	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	-2.918	-0.0016	-2.5 to 2.5	Pass
				0	3.70	-6.237	-0.0035	-2.5 to 2.5	Pass
				10	3.70	-5.879	-0.0033	-2.5 to 2.5	Pass
				30	3.70	-2.589	-0.0015	-2.5 to 2.5	Pass
				40	3.70	-6.166	-0.0035	-2.5 to 2.5	Pass
				50	3.70	-2.875	-0.0016	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.15	-7.768	-0.0045	-2.5 to 2.5	Pass
					3.70	-5.736	-0.0033	-2.5 to 2.5	Pass
					4.26	-4.849	-0.0028	-2.5 to 2.5	Pass
				-30	3.70	-3.991	-0.0023	-2.5 to 2.5	Pass
				-20	3.70	-5.035	-0.0029	-2.5 to 2.5	Pass
				-10	3.70	-7.238	-0.0042	-2.5 to 2.5	Pass
				0	3.70	-7.110	-0.0041	-2.5 to 2.5	Pass
				10	3.70	-6.351	-0.0037	-2.5 to 2.5	Pass
				30	3.70	-3.963	-0.0023	-2.5 to 2.5	Pass
				40	3.70	-2.918	-0.0017	-2.5 to 2.5	Pass
				50	3.70	-5.937	-0.0035	-2.5 to 2.5	Pass
	1745	75	0	20	3.15	-5.836	-0.0033	-2.5 to 2.5	Pass
					3.70	-8.655	-0.0050	-2.5 to 2.5	Pass
					4.26	-7.782	-0.0045	-2.5 to 2.5	Pass
				-30	3.70	-5.622	-0.0032	-2.5 to 2.5	Pass
				-20	3.70	-5.236	-0.0030	-2.5 to 2.5	Pass
				-10	3.70	-4.034	-0.0023	-2.5 to 2.5	Pass
				0	3.70	-3.419	-0.0020	-2.5 to 2.5	Pass
				10	3.70	-0.343	-0.0002	-2.5 to 2.5	Pass
				30	3.70	0.544	0.0003	-2.5 to 2.5	Pass
				40	3.70	-2.632	-0.0015	-2.5 to 2.5	Pass
				50	3.70	-0.200	-0.0001	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.15	-2.246	-0.0013	-2.5 to 2.5	Pass
					3.70	-6.280	-0.0035	-2.5 to 2.5	Pass
					4.26	-1.059	-0.0006	-2.5 to 2.5	Pass
				-30	3.70	2.389	0.0013	-2.5 to 2.5	Pass
				-20	3.70	-3.047	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	-0.515	-0.0003	-2.5 to 2.5	Pass
				0	3.70	-2.332	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-3.819	-0.0022	-2.5 to 2.5	Pass
				30	3.70	-3.204	-0.0018	-2.5 to 2.5	Pass
				40	3.70	-3.147	-0.0018	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.15	-4.420	-0.0026	-2.5 to 2.5	Pass
					3.70	-4.320	-0.0025	-2.5 to 2.5	Pass
					4.26	-8.140	-0.0047	-2.5 to 2.5	Pass
				-30	3.70	-4.935	-0.0029	-2.5 to 2.5	Pass
				-20	3.70	-7.396	-0.0043	-2.5 to 2.5	Pass
				-10	3.70	-7.739	-0.0045	-2.5 to 2.5	Pass
				0	3.70	-2.317	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-7.725	-0.0045	-2.5 to 2.5	Pass
				30	3.70	-2.103	-0.0012	-2.5 to 2.5	Pass
				40	3.70	-4.106	-0.0024	-2.5 to 2.5	Pass
				50	3.70	-4.678	-0.0027	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.70	-2.232	-0.0013	-2.5 to 2.5	Pass
					4.26	-2.818	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	-5.507	-0.0032	-2.5 to 2.5	Pass
				-20	3.70	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.70	4.764	0.0027	-2.5 to 2.5	Pass
				0	3.70	-1.774	-0.0010	-2.5 to 2.5	Pass
				10	3.70	-6.409	-0.0037	-2.5 to 2.5	Pass
				30	3.70	-6.881	-0.0039	-2.5 to 2.5	Pass
				40	3.70	-2.475	-0.0014	-2.5 to 2.5	Pass
				50	3.70	-2.131	-0.0012	-2.5 to 2.5	Pass

	1772.5	27	48	20	3.15	-2.389	-0.0013	-2.5 to 2.5	Pass
					3.70	-2.890	-0.0016	-2.5 to 2.5	Pass
					4.26	-9.069	-0.0051	-2.5 to 2.5	Pass
				-30	3.70	-1.216	-0.0007	-2.5 to 2.5	Pass
				-20	3.70	-5.450	-0.0031	-2.5 to 2.5	Pass
				-10	3.70	-0.601	-0.0003	-2.5 to 2.5	Pass
				0	3.70	-4.220	-0.0024	-2.5 to 2.5	Pass
				10	3.70	-1.502	-0.0008	-2.5 to 2.5	Pass
				30	3.70	-4.120	-0.0023	-2.5 to 2.5	Pass
				40	3.70	-9.384	-0.0053	-2.5 to 2.5	Pass
				50	3.70	-2.861	-0.0016	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.15	-4.621	-0.0027	-2.5 to 2.5	Pass
					3.70	-6.037	-0.0035	-2.5 to 2.5	Pass
					4.26	-6.766	-0.0039	-2.5 to 2.5	Pass
				-30	3.70	-4.249	-0.0025	-2.5 to 2.5	Pass
				-20	3.70	-5.093	-0.0030	-2.5 to 2.5	Pass
				-10	3.70	-4.992	-0.0029	-2.5 to 2.5	Pass
				0	3.70	-7.467	-0.0043	-2.5 to 2.5	Pass
				10	3.70	-8.626	-0.0050	-2.5 to 2.5	Pass
				30	3.70	-6.638	-0.0039	-2.5 to 2.5	Pass
				40	3.70	-3.734	-0.0022	-2.5 to 2.5	Pass
				50	3.70	-4.520	-0.0026	-2.5 to 2.5	Pass
	1745	100	0	20	3.15	-5.965	-0.0034	-2.5 to 2.5	Pass
					3.70	-5.093	-0.0029	-2.5 to 2.5	Pass
					4.26	-5.193	-0.0030	-2.5 to 2.5	Pass
				-30	3.70	-7.181	-0.0041	-2.5 to 2.5	Pass
				-20	3.70	-7.925	-0.0045	-2.5 to 2.5	Pass
				-10	3.70	-4.735	-0.0027	-2.5 to 2.5	Pass
				0	3.70	-0.443	-0.0003	-2.5 to 2.5	Pass
				10	3.70	-3.705	-0.0021	-2.5 to 2.5	Pass
				30	3.70	-4.148	-0.0024	-2.5 to 2.5	Pass
				40	3.70	-2.847	-0.0016	-2.5 to 2.5	Pass
				50	3.70	-8.683	-0.0050	-2.5 to 2.5	Pass
	1770	100	0	20	3.15	-4.678	-0.0026	-2.5 to 2.5	Pass
					3.70	-4.163	-0.0024	-2.5 to 2.5	Pass
					4.26	-3.247	-0.0018	-2.5 to 2.5	Pass
				-30	3.70	-0.858	-0.0005	-2.5 to 2.5	Pass
				-20	3.70	-5.393	-0.0030	-2.5 to 2.5	Pass
				-10	3.70	-3.834	-0.0022	-2.5 to 2.5	Pass
				0	3.70	-0.572	-0.0003	-2.5 to 2.5	Pass
				10	3.70	-3.304	-0.0019	-2.5 to 2.5	Pass
				30	3.70	-3.963	-0.0022	-2.5 to 2.5	Pass
				40	3.70	-3.519	-0.0020	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.15	-6.037	-0.0035	-2.5 to 2.5	Pass
					3.70	-9.456	-0.0055	-2.5 to 2.5	Pass
					4.26	-5.608	-0.0033	-2.5 to 2.5	Pass
				-30	3.70	-3.862	-0.0022	-2.5 to 2.5	Pass
				-20	3.70	-8.583	-0.0050	-2.5 to 2.5	Pass
				-10	3.70	-3.920	-0.0023	-2.5 to 2.5	Pass
				0	3.70	-5.407	-0.0031	-2.5 to 2.5	Pass
				10	3.70	-10.142	-0.0059	-2.5 to 2.5	Pass
				30	3.70	-7.310	-0.0042	-2.5 to 2.5	Pass
				40	3.70	-9.098	-0.0053	-2.5 to 2.5	Pass
				50	3.70	-8.783	-0.0051	-2.5 to 2.5	Pass
	1745	27	0	20	3.15	-3.805	-0.0022	-2.5 to 2.5	Pass
					3.70	1.130	0.0006	-2.5 to 2.5	Pass
					4.26	-3.047	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	-5.221	-0.0030	-2.5 to 2.5	Pass
				-20	3.70	-5.608	-0.0032	-2.5 to 2.5	Pass
				-10	3.70	-1.030	-0.0006	-2.5 to 2.5	Pass
				0	3.70	-1.588	-0.0009	-2.5 to 2.5	Pass
				10	3.70	-6.952	-0.0040	-2.5 to 2.5	Pass
				30	3.70	-2.275	-0.0013	-2.5 to 2.5	Pass
				40	3.70	0.043	0.0000	-2.5 to 2.5	Pass
				50	3.70	-3.090	-0.0018	-2.5 to 2.5	Pass

	1770	27	73	20	3.15	-6.180	-0.0035	-2.5 to 2.5	Pass
					3.70	-7.310	-0.0041	-2.5 to 2.5	Pass
					4.26	-4.721	-0.0027	-2.5 to 2.5	Pass
				-30	3.70	1.659	0.0009	-2.5 to 2.5	Pass
				-20	3.70	-2.789	-0.0016	-2.5 to 2.5	Pass
				-10	3.70	-6.795	-0.0038	-2.5 to 2.5	Pass
				0	3.70	1.659	0.0009	-2.5 to 2.5	Pass
				10	3.70	-6.895	-0.0039	-2.5 to 2.5	Pass
				30	3.70	-8.626	-0.0049	-2.5 to 2.5	Pass
				40	3.70	0.415	0.0002	-2.5 to 2.5	Pass
				50	3.70	-3.648	-0.0021	-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	27	0	Refer To Test Graph		Pass

3.1.5 B66_15MHz

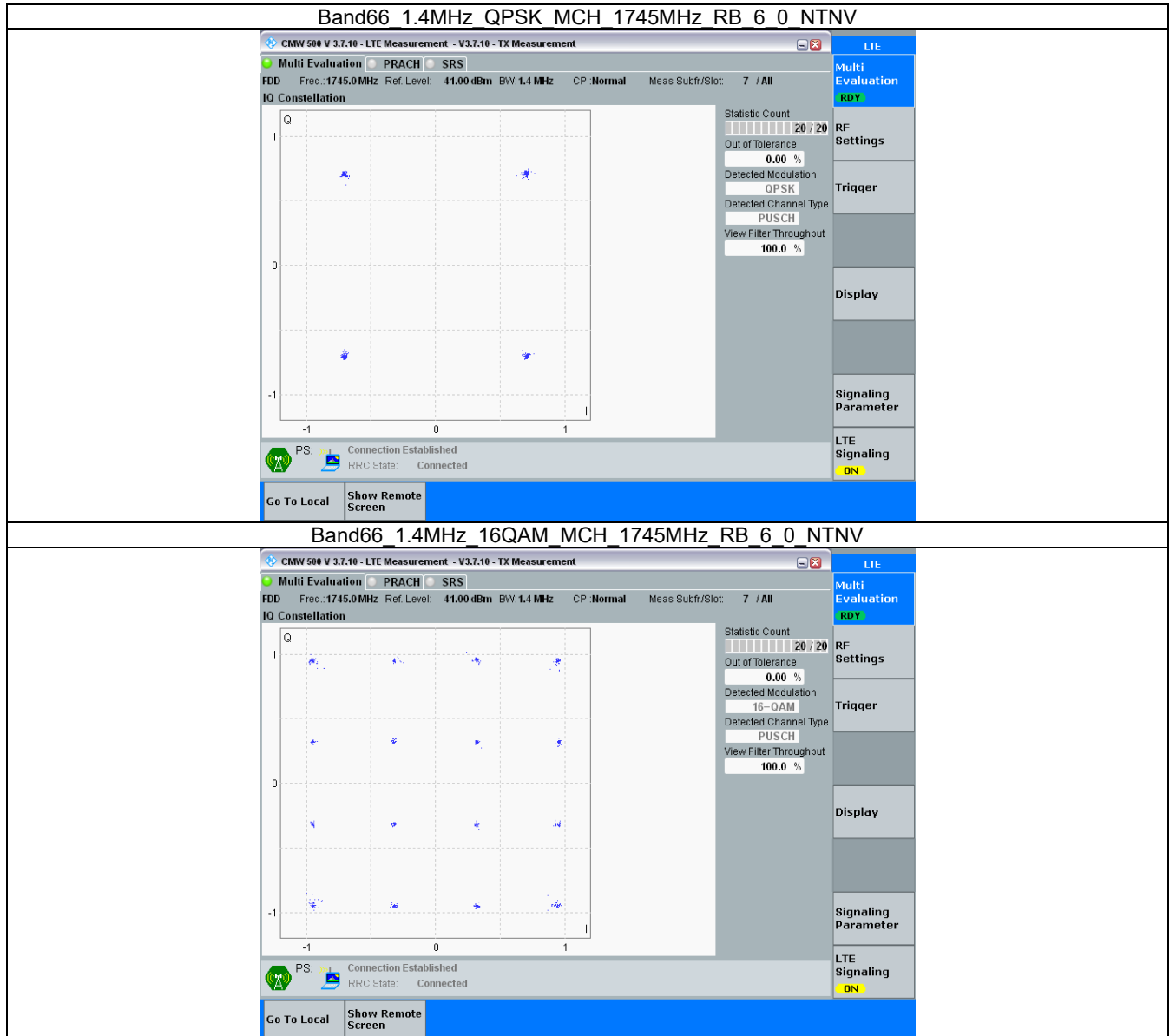
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

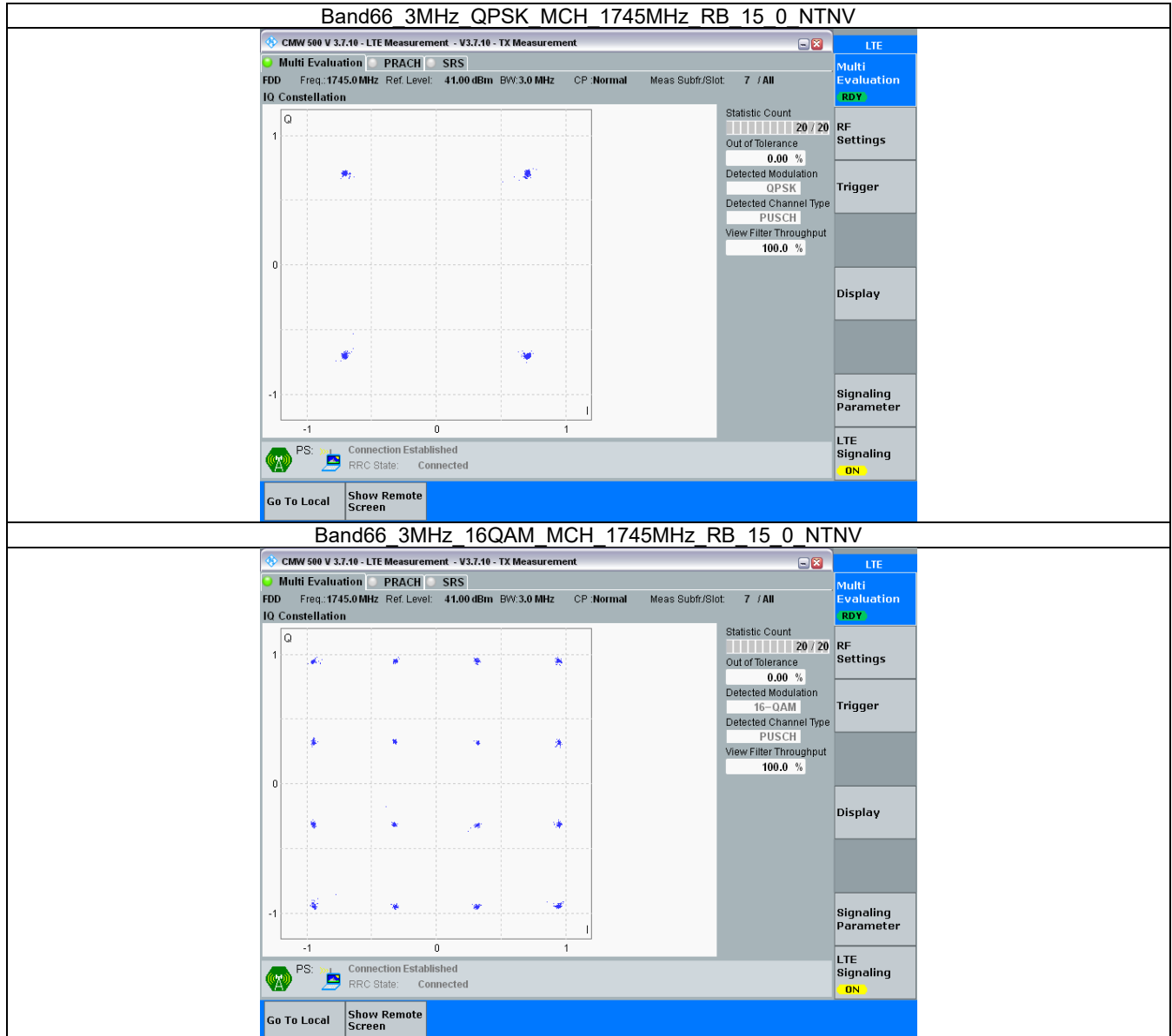
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	27	0	Refer To Test Graph		Pass

3.2 Test Graph

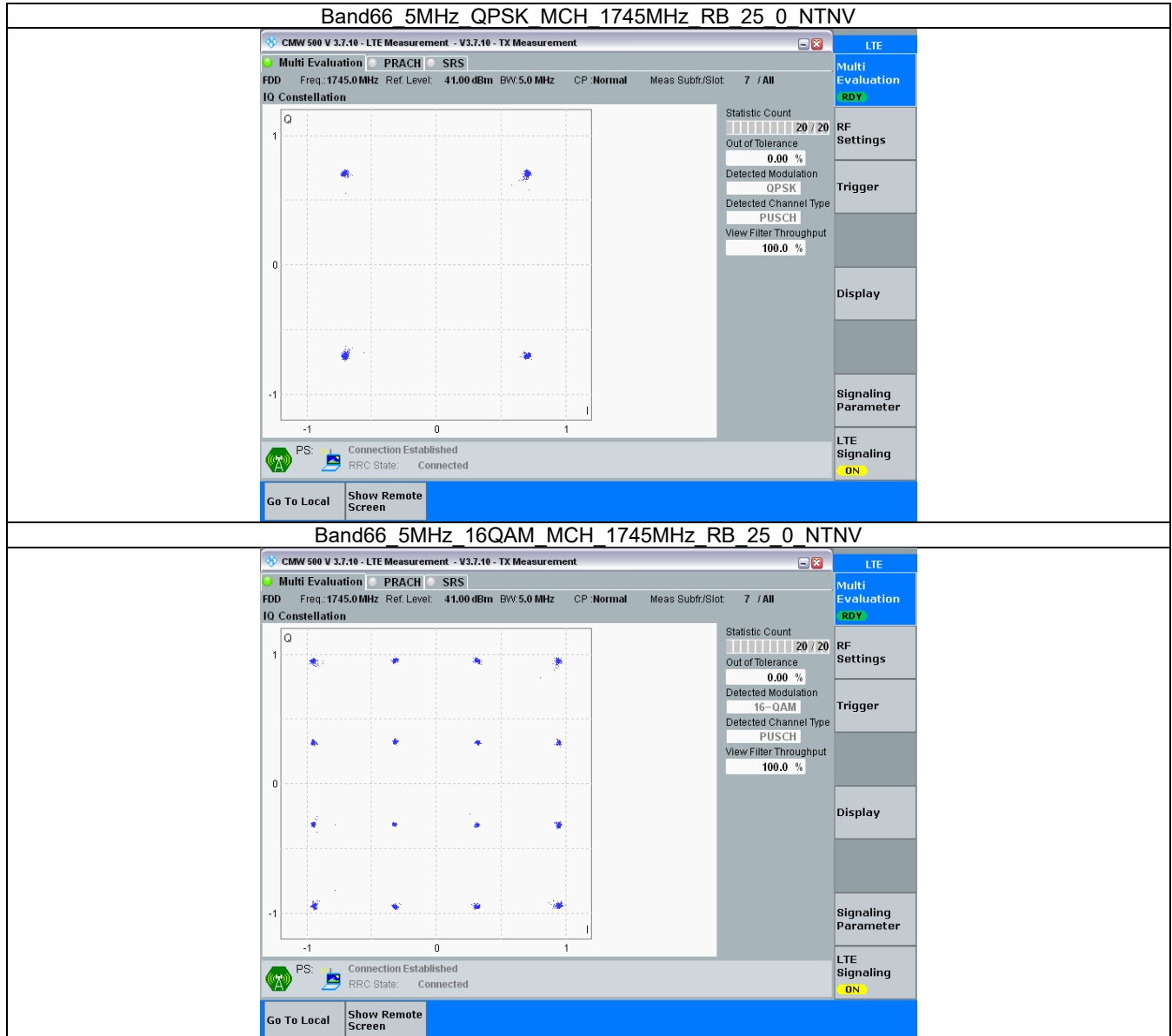
3.2.1 B66_1.4MHz



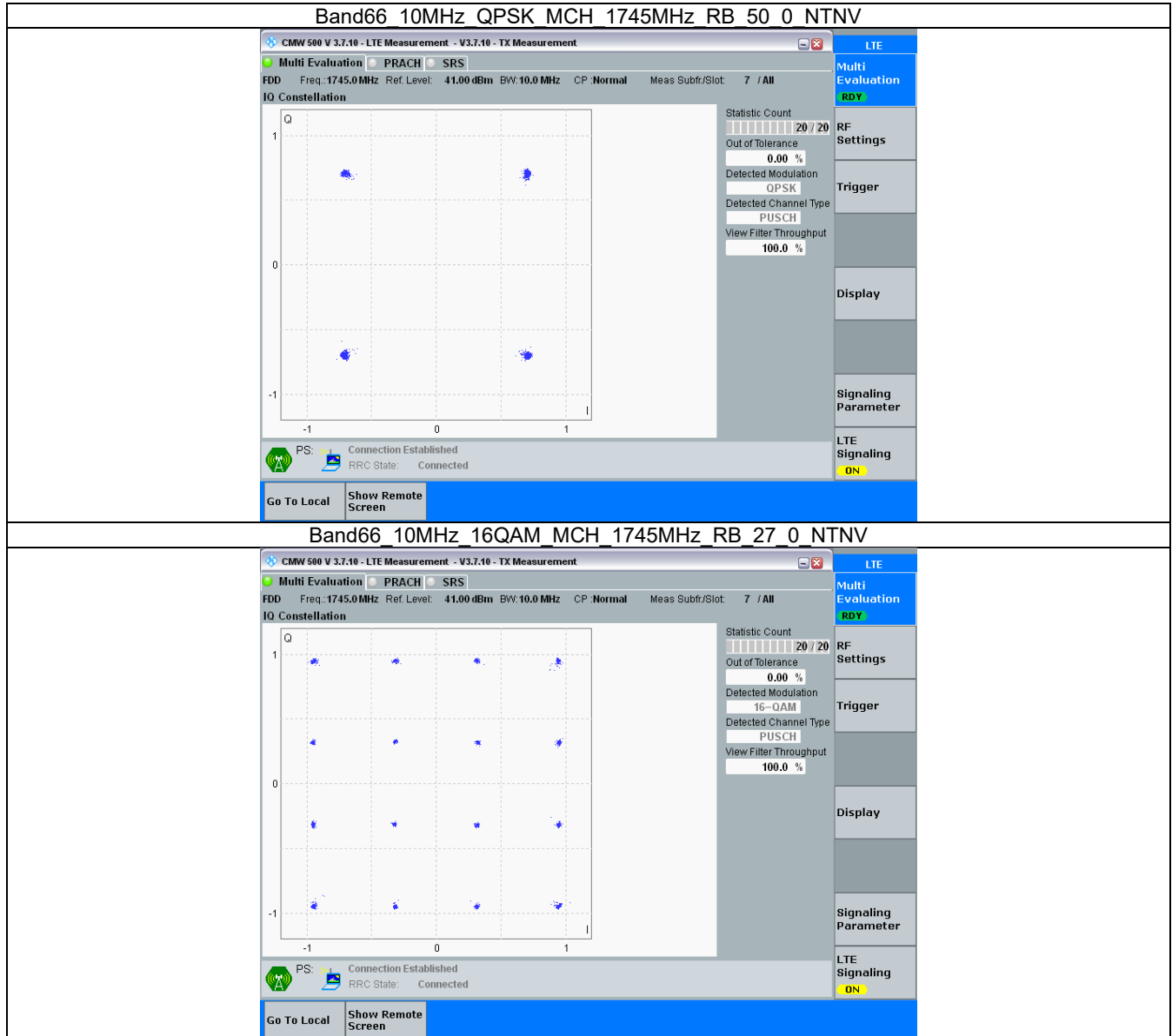
3.2.2 B66_3MHz



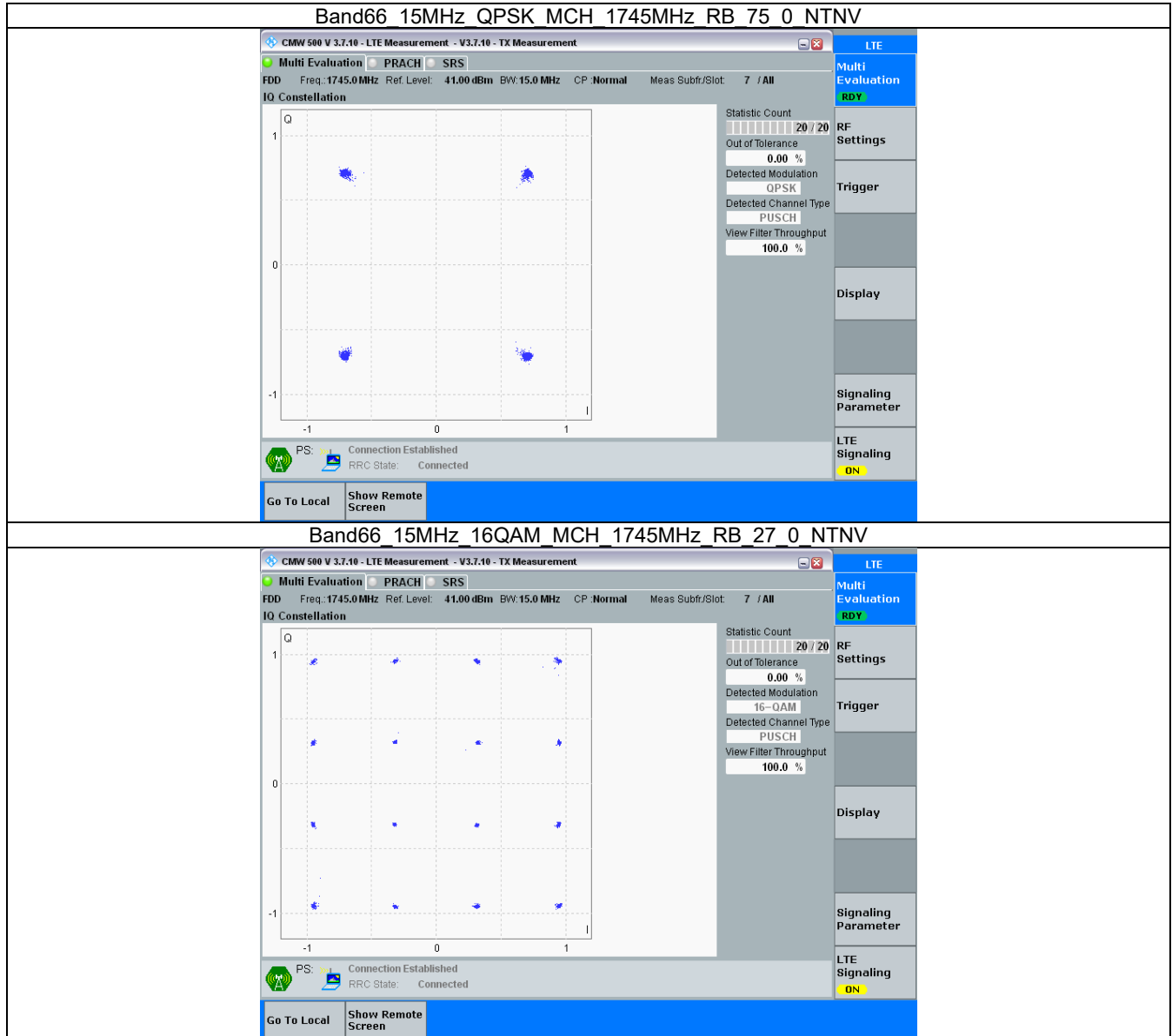
3.2.3 B66_5MHz



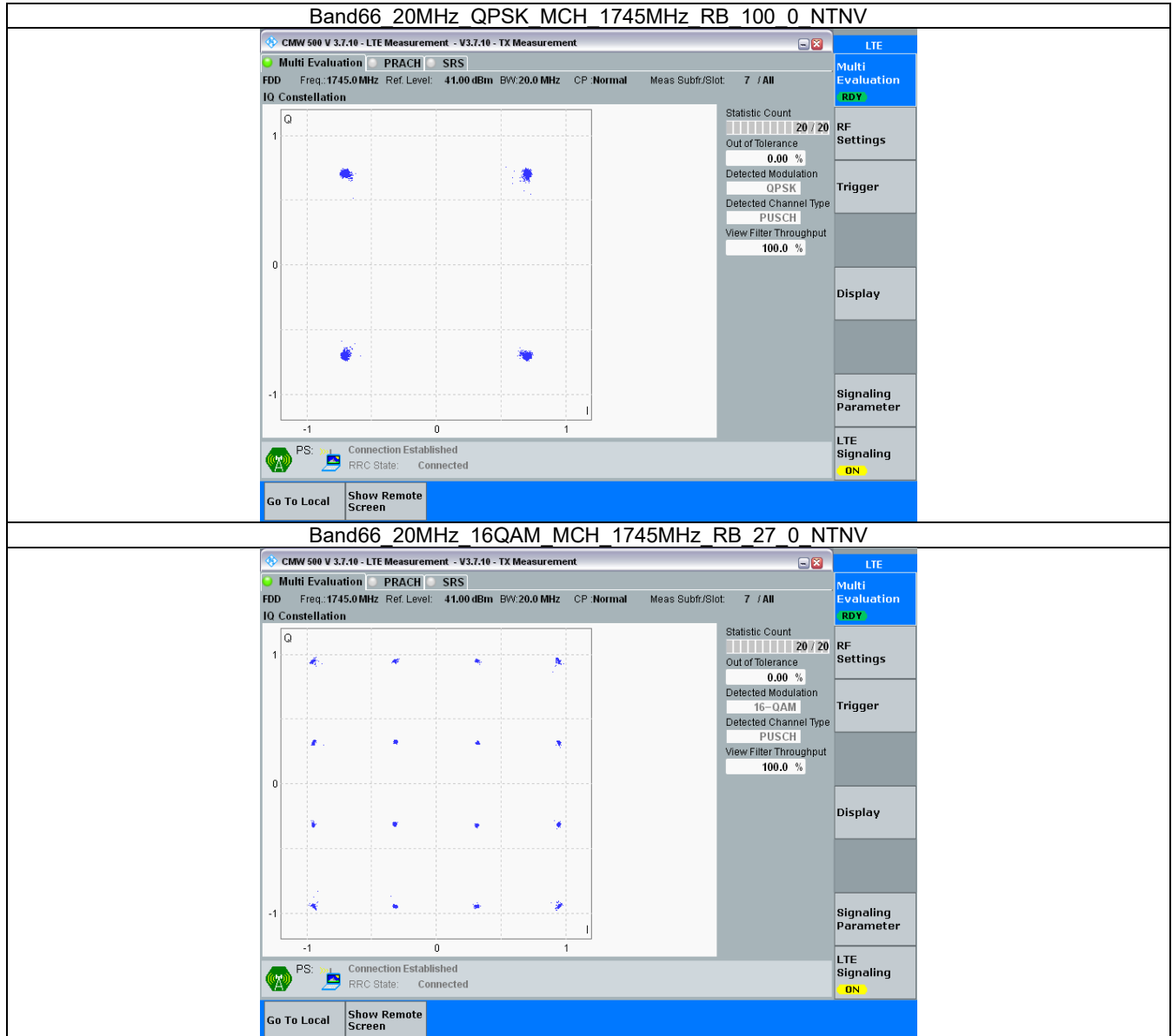
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.118	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.116	/	Pass
	16QAM	1710.7	6	0	1.107	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.116	/	Pass
3	QPSK	1711.5	15	0	2.727	/	Pass
		1745	15	0	2.730	/	Pass
		1778.5	15	0	2.728	/	Pass
	16QAM	1711.5	15	0	2.720	/	Pass
		1745	15	0	2.719	/	Pass
		1778.5	15	0	2.719	/	Pass
5	QPSK	1712.5	25	0	4.552	/	Pass
		1745	25	0	4.556	/	Pass
		1777.5	25	0	4.589	/	Pass
	16QAM	1712.5	25	0	4.578	/	Pass
		1745	25	0	4.592	/	Pass
		1777.5	25	0	4.573	/	Pass
10	QPSK	1715	50	0	9.080	/	Pass
		1745	50	0	9.068	/	Pass
		1775	50	0	9.127	/	Pass
	16QAM	1715	27	0	5.168	/	Pass
		1745	27	0	5.090	/	Pass
		1775	27	23	5.229	/	Pass
15	QPSK	1717.5	75	0	13.607	/	Pass
		1745	75	0	13.608	/	Pass
		1772.5	75	0	13.674	/	Pass
	16QAM	1717.5	27	0	5.442	/	Pass
		1745	27	0	5.339	/	Pass
		1772.5	27	48	5.607	/	Pass
20	QPSK	1720	100	0	18.100	/	Pass
		1745	100	0	18.076	/	Pass
		1770	100	0	18.178	/	Pass
	16QAM	1720	27	0	5.644	/	Pass
		1745	27	0	5.596	/	Pass
		1770	27	73	5.646	/	Pass

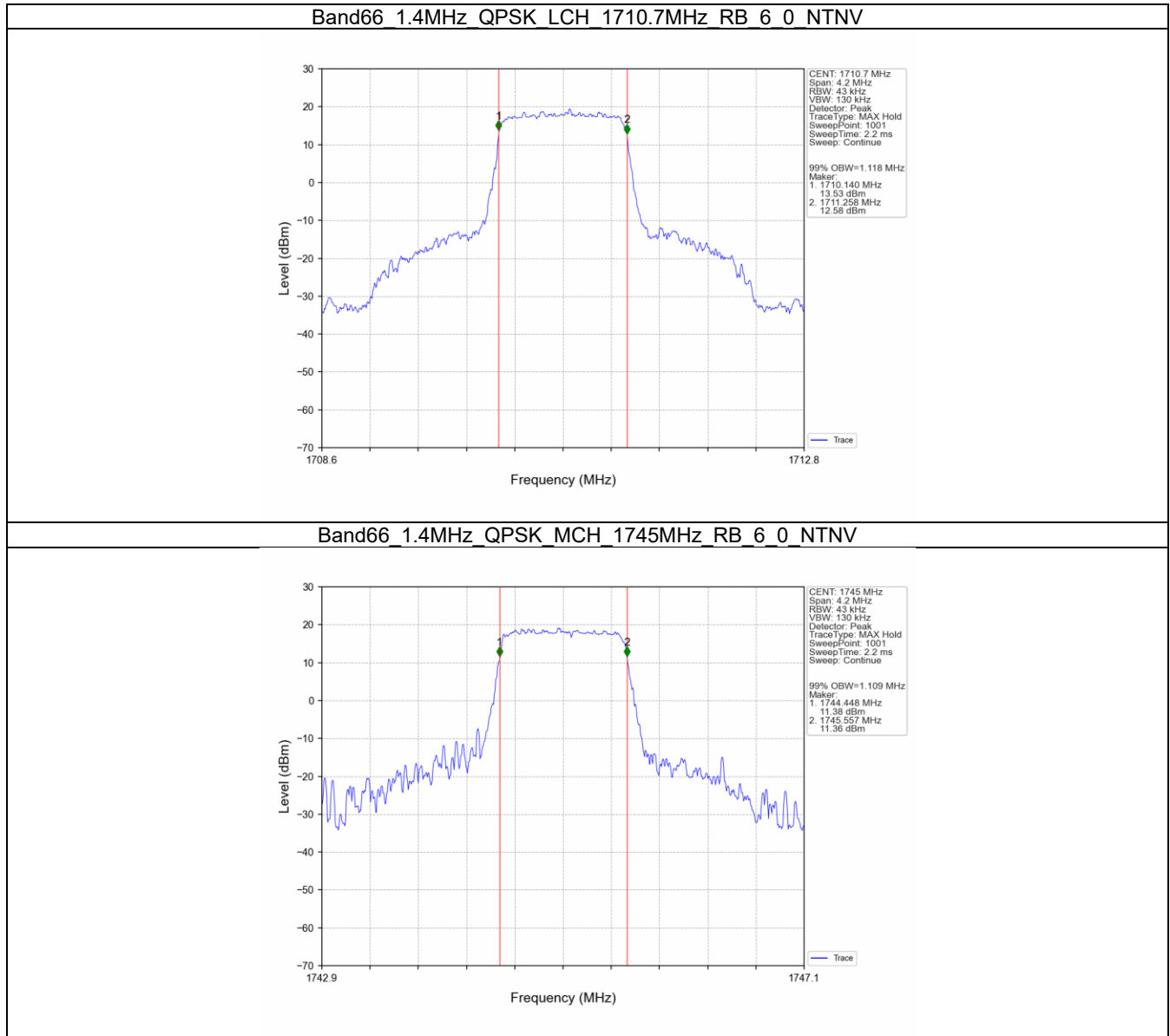
4.1.2 Band66_XDB

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	1.306	/	Pass
		1745	6	0	1.323	/	Pass
		1779.3	6	0	1.333	/	Pass
	16QAM	1710.7	6	0	1.327	/	Pass
		1745	6	0	1.316	/	Pass
		1779.3	6	0	1.327	/	Pass
3	QPSK	1711.5	15	0	2.999	/	Pass

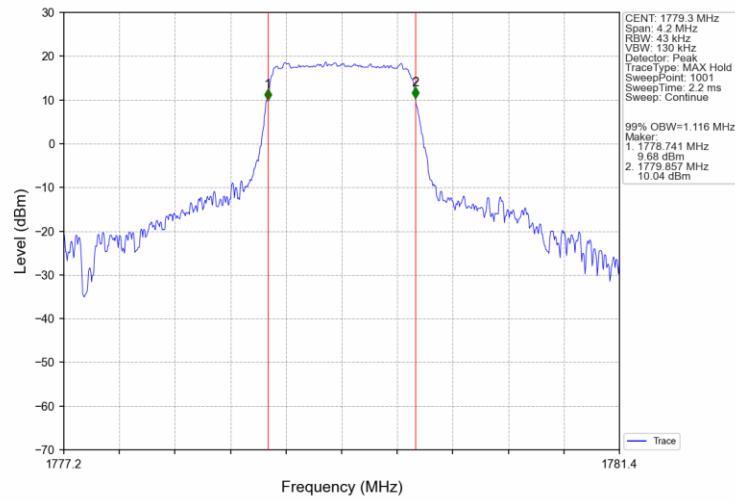
	16QAM	1745	15	0	2.986	/	Pass
		1778.5	15	0	2.999	/	Pass
		1711.5	15	0	3.001	/	Pass
		1745	15	0	3.009	/	Pass
		1778.5	15	0	3.016	/	Pass
5	QPSK	1712.5	25	0	5.313	/	Pass
		1745	25	0	5.203	/	Pass
		1777.5	25	0	5.715	/	Pass
	16QAM	1712.5	25	0	5.305	/	Pass
		1745	25	0	5.293	/	Pass
		1777.5	25	0	5.414	/	Pass
10	QPSK	1715	50	0	10.281	/	Pass
		1745	50	0	10.258	/	Pass
		1775	50	0	12.106	/	Pass
	16QAM	1715	27	0	6.234	/	Pass
		1745	27	0	6.270	/	Pass
		1775	27	23	8.865	/	Pass
15	QPSK	1717.5	75	0	15.409	/	Pass
		1745	75	0	15.305	/	Pass
		1772.5	75	0	15.557	/	Pass
	16QAM	1717.5	27	0	6.939	/	Pass
		1745	27	0	6.764	/	Pass
		1772.5	27	48	10.281	/	Pass
20	QPSK	1720	100	0	20.120	/	Pass
		1745	100	0	20.069	/	Pass
		1770	100	0	20.190	/	Pass
	16QAM	1720	27	0	7.272	/	Pass
		1745	27	0	7.209	/	Pass
		1770	27	73	7.174	/	Pass

4.2 Test Graph

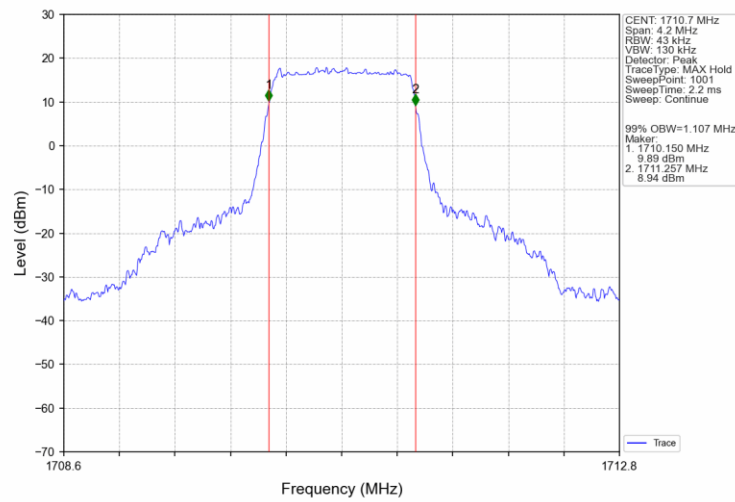
4.2.1 Band66_OBW



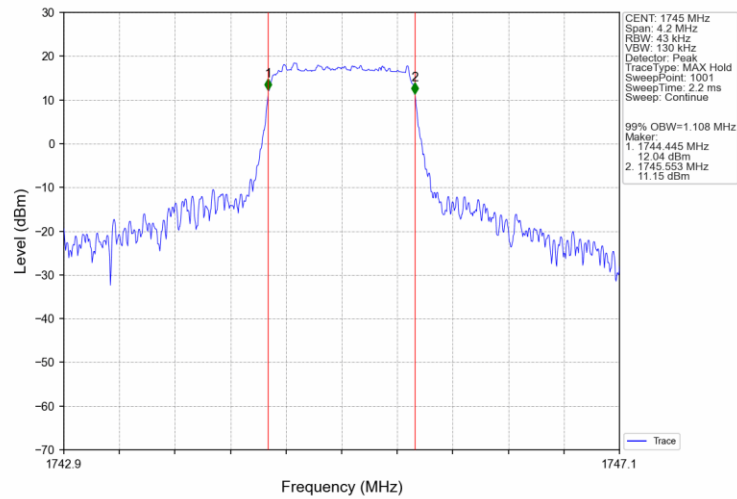
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



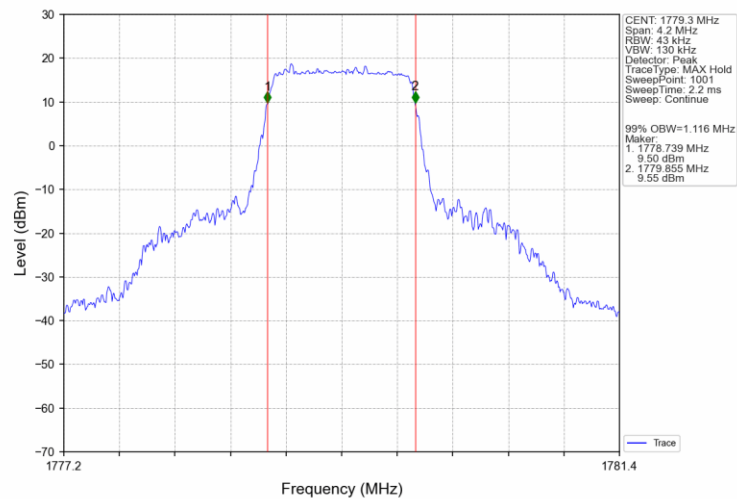
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



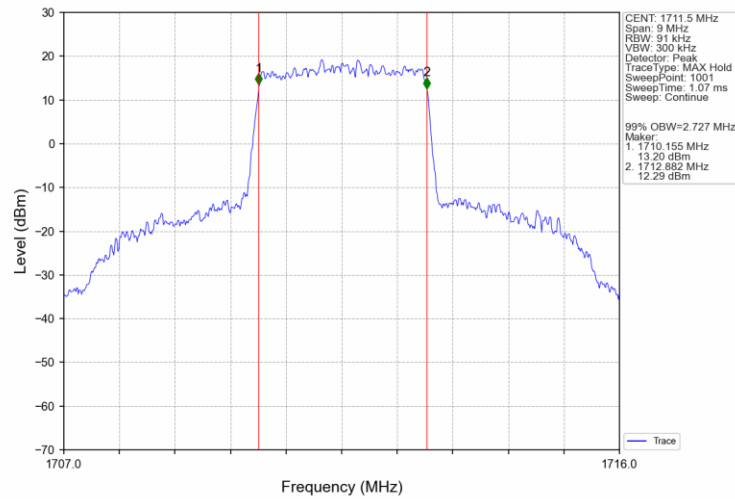
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



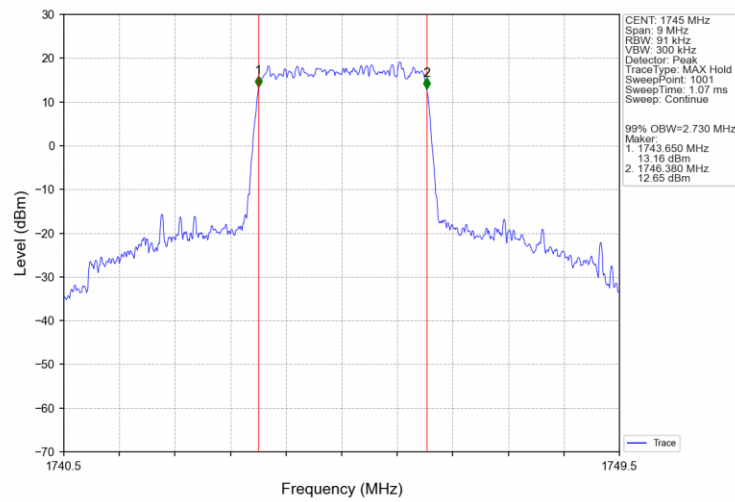
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



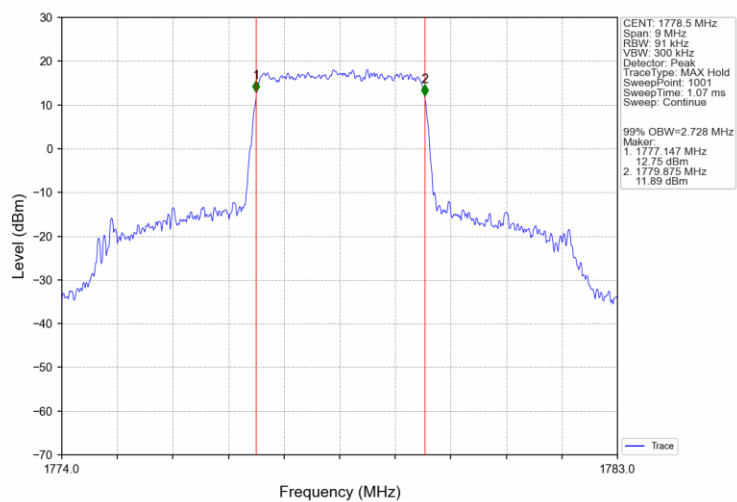
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



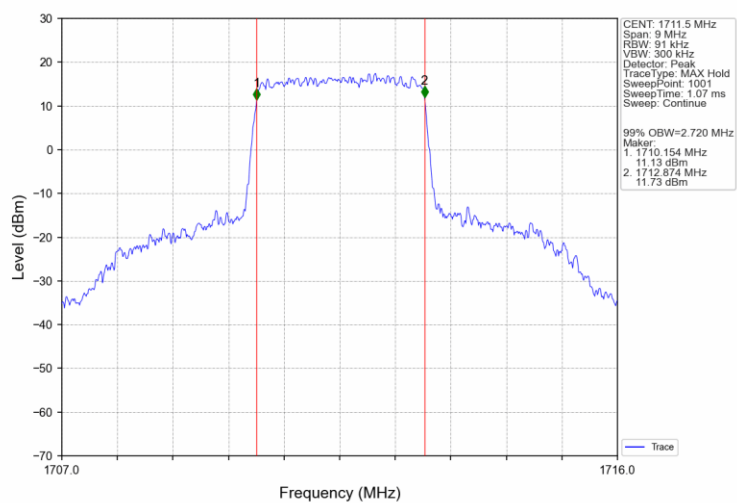
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



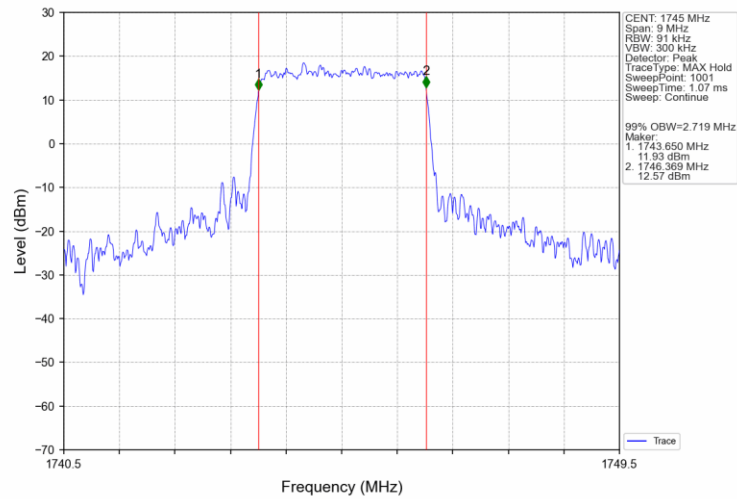
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



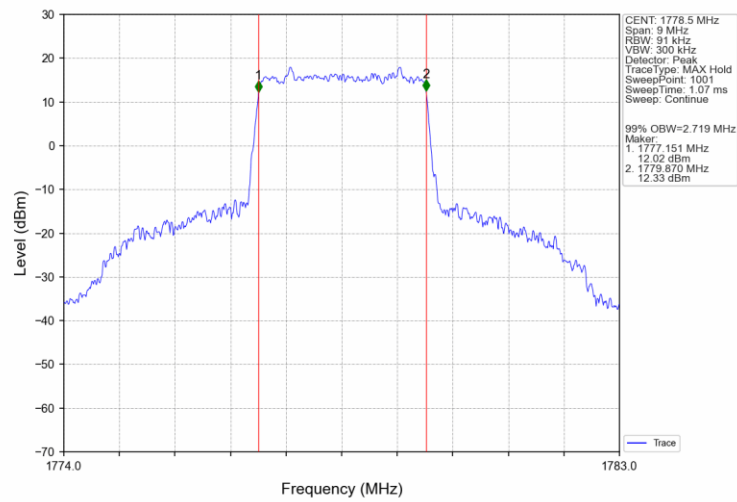
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



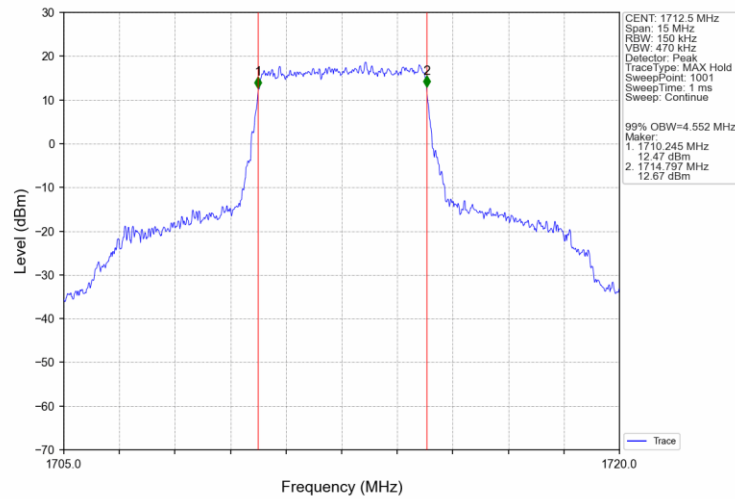
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



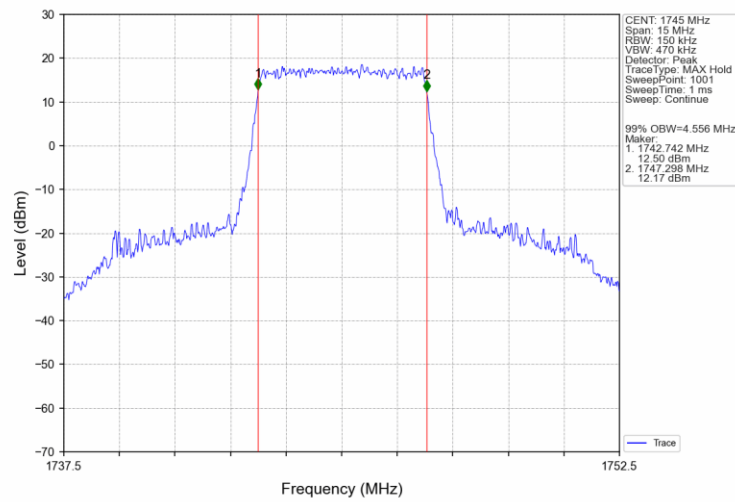
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



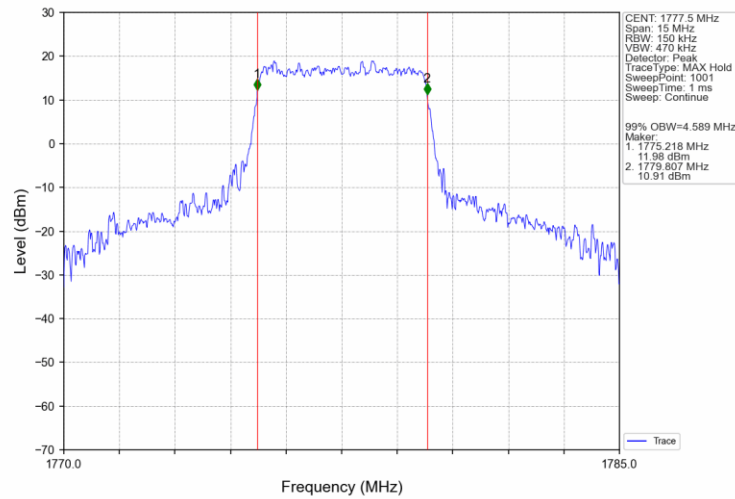
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



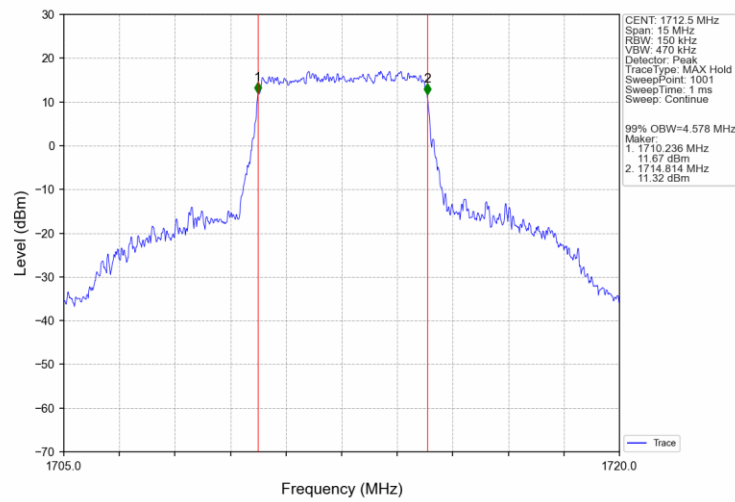
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



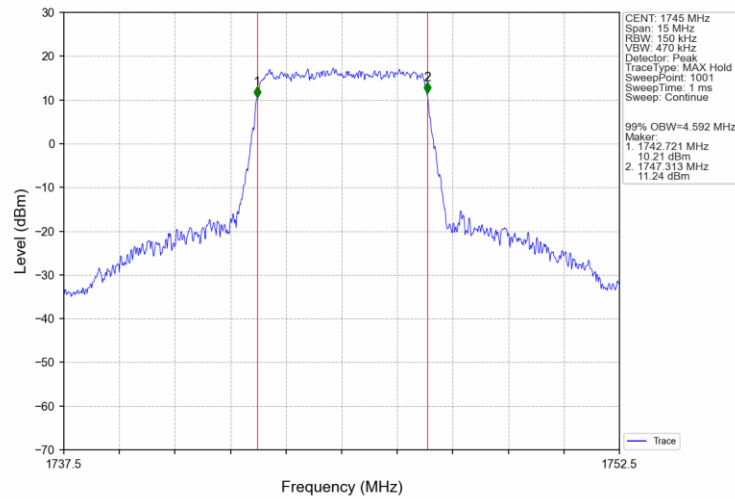
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



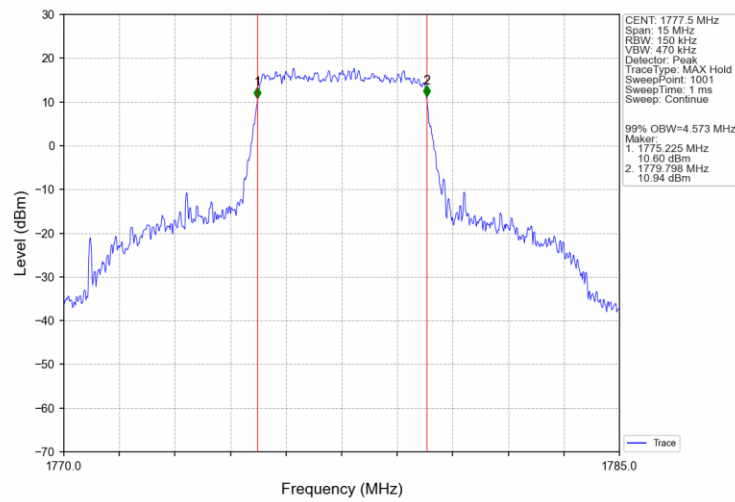
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



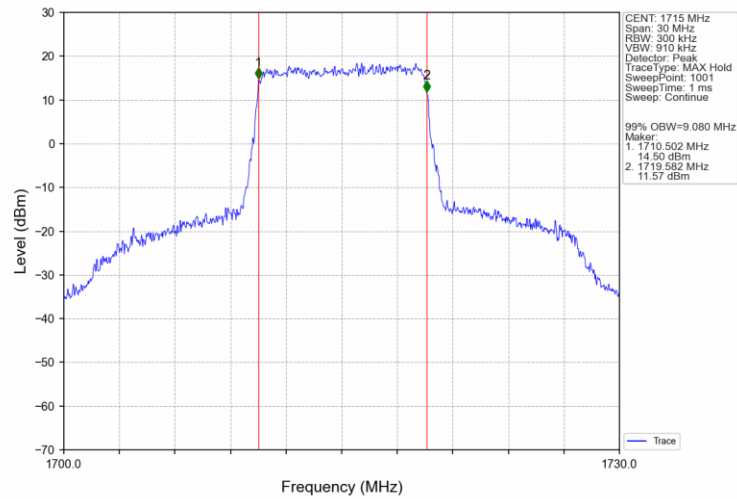
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



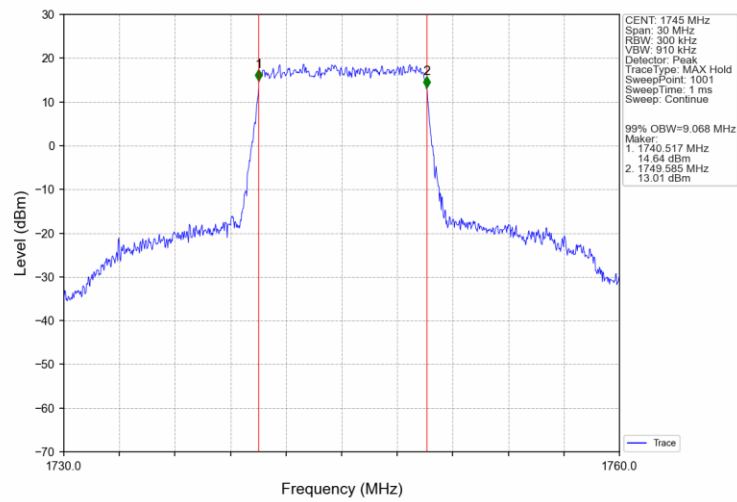
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



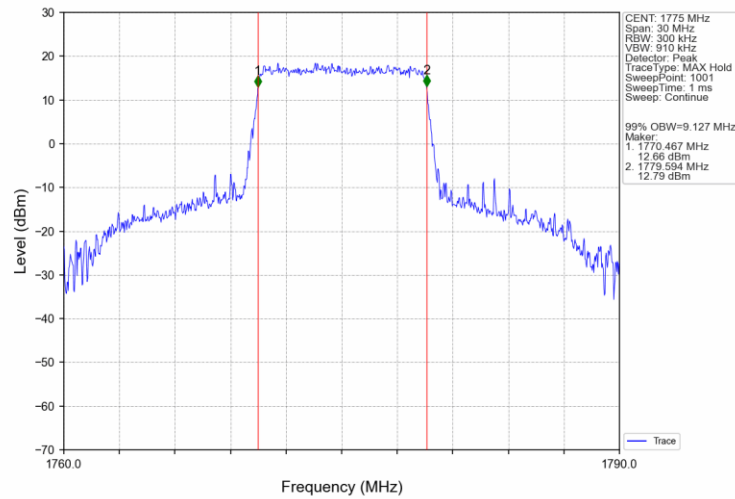
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV



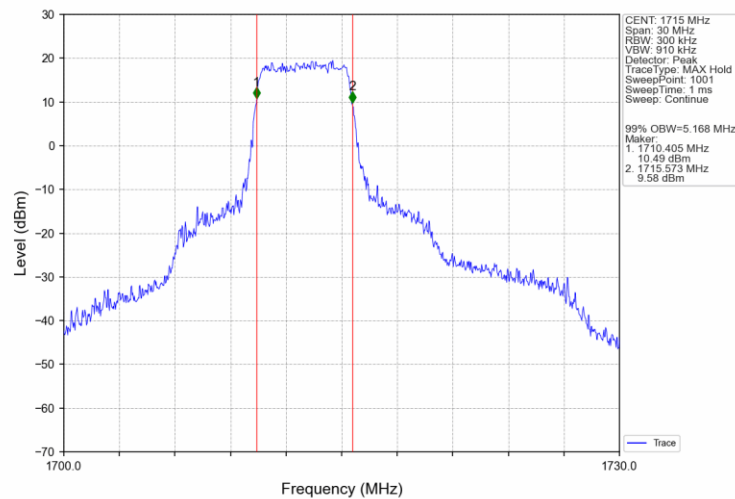
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



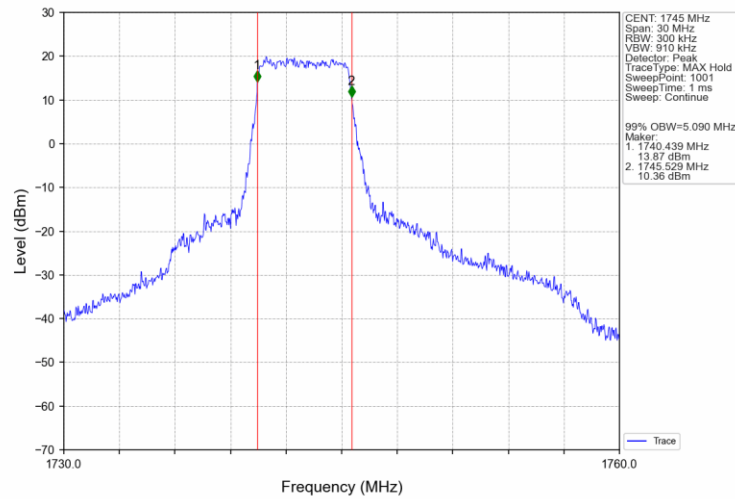
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



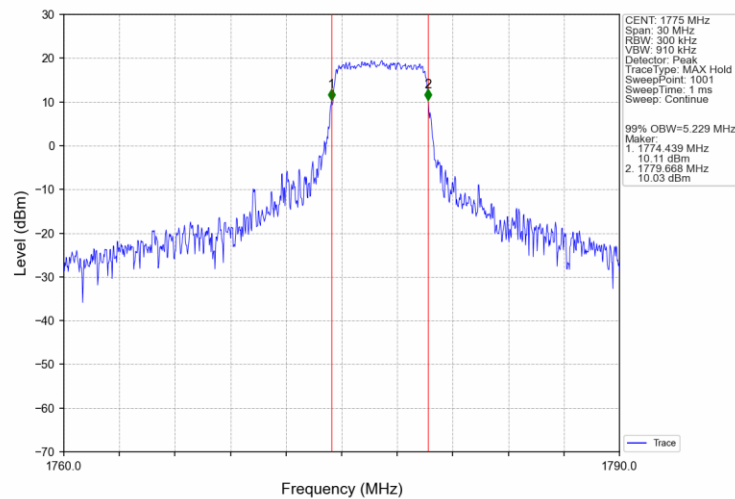
Band66 10MHz 16QAM LCH 1715MHz RB 27 0 NTV



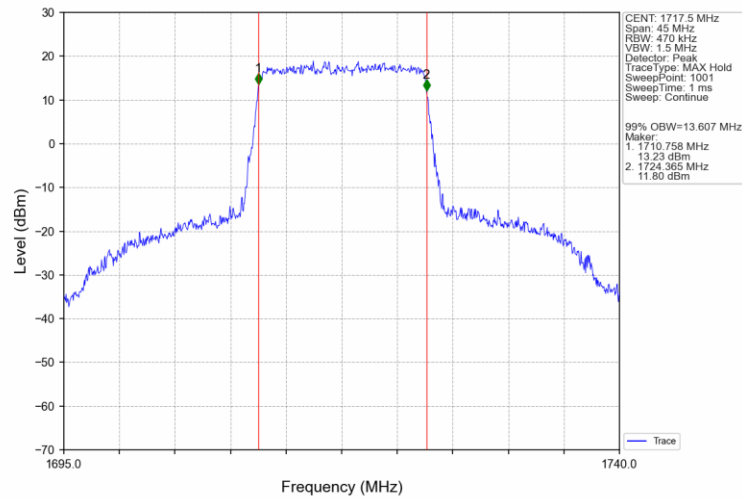
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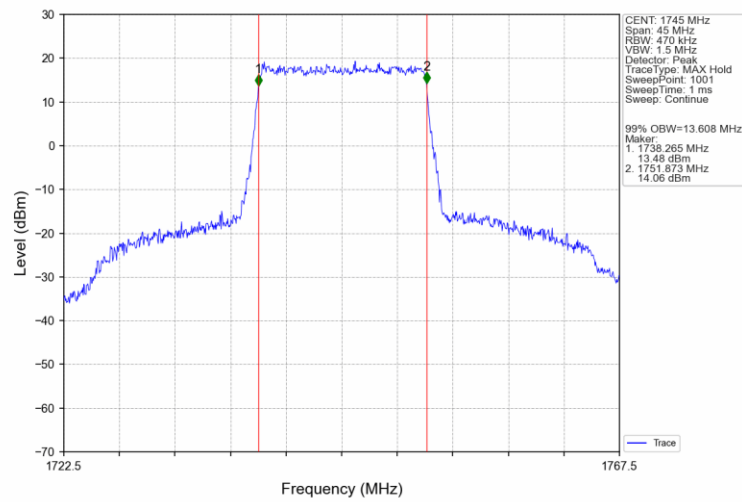
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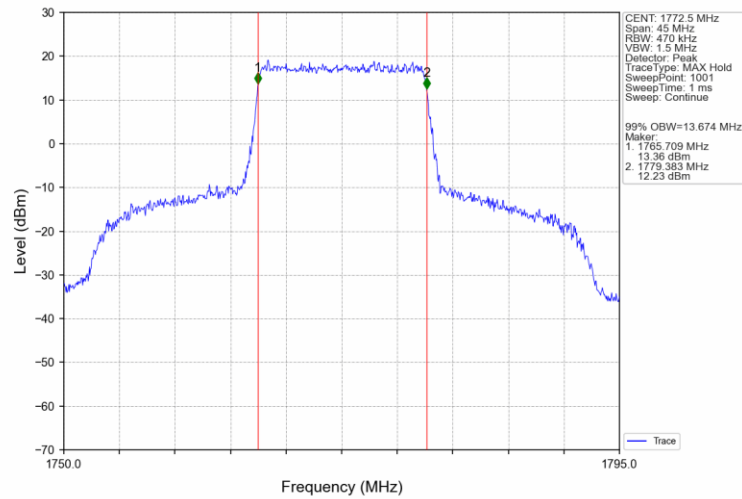
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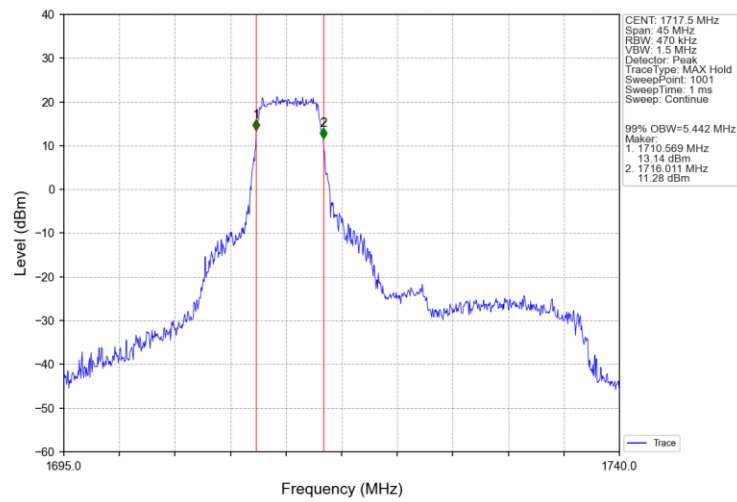
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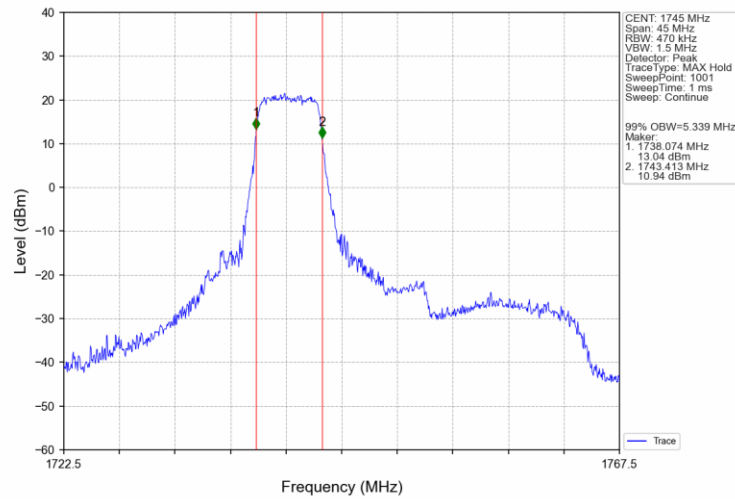
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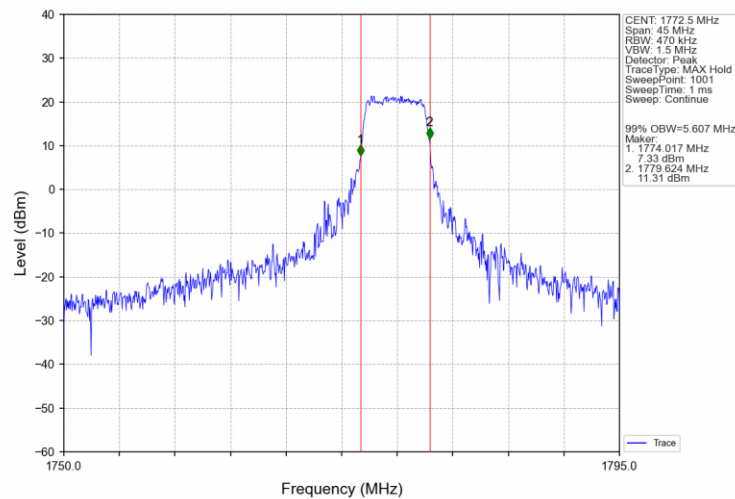
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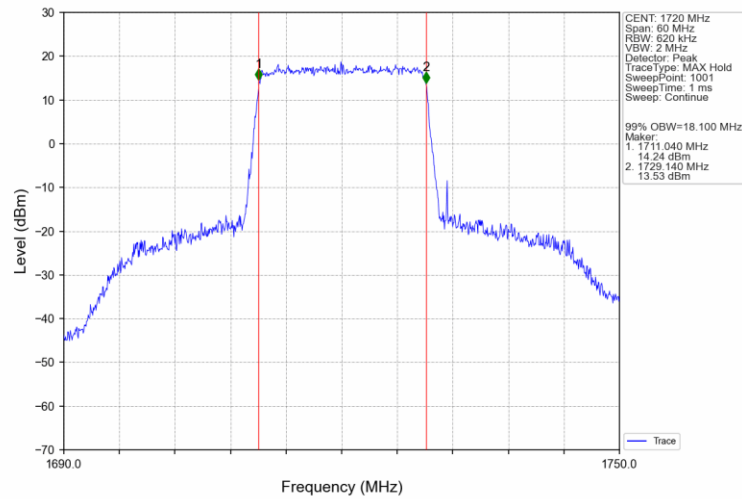
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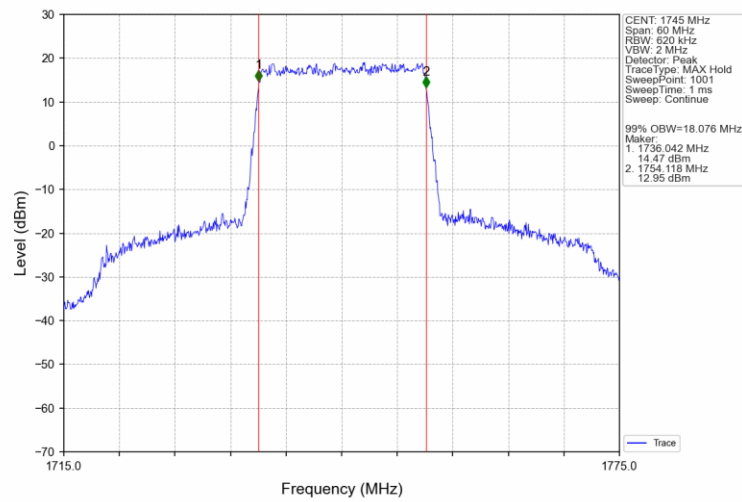
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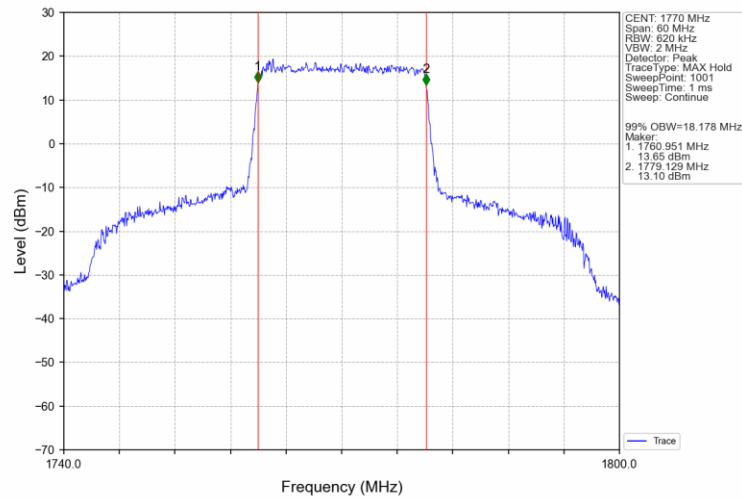
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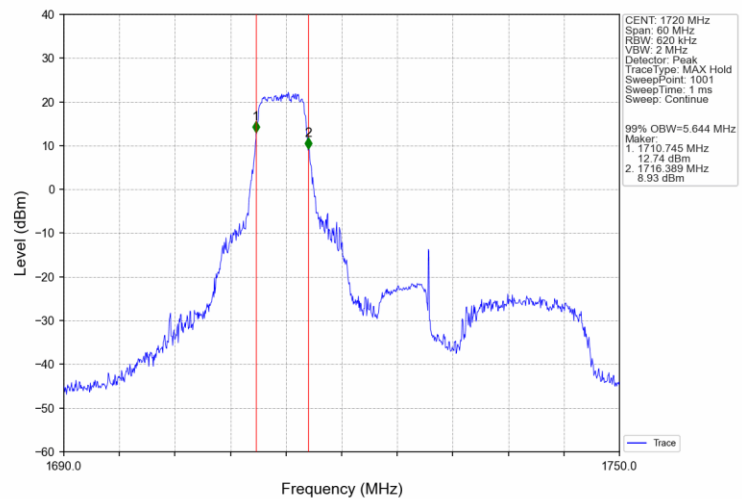
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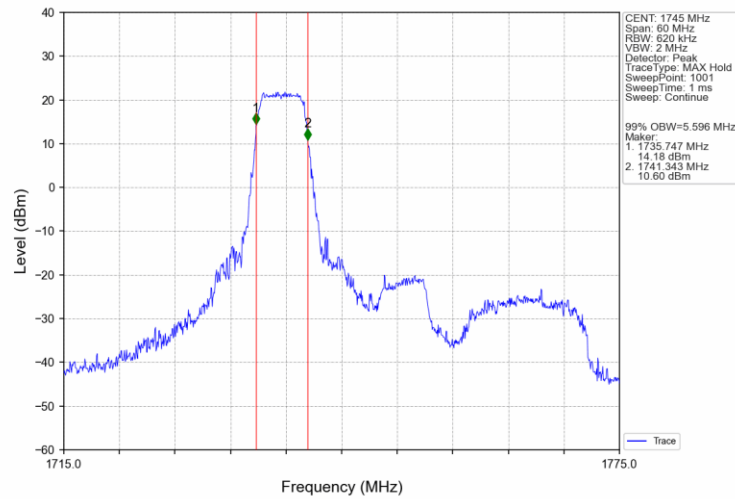
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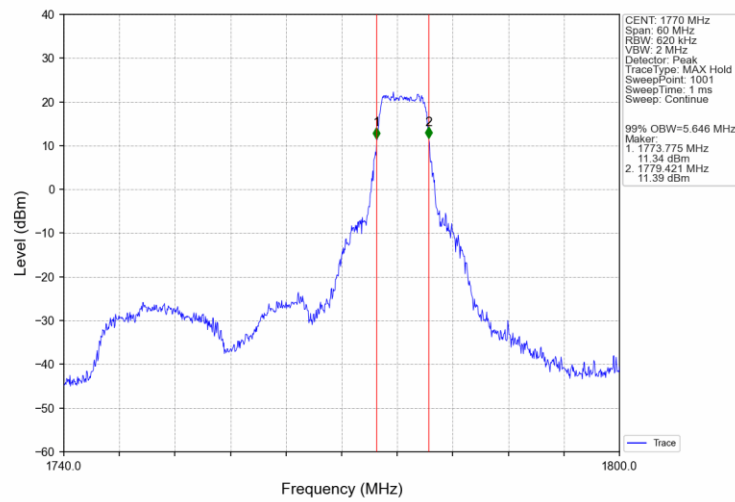
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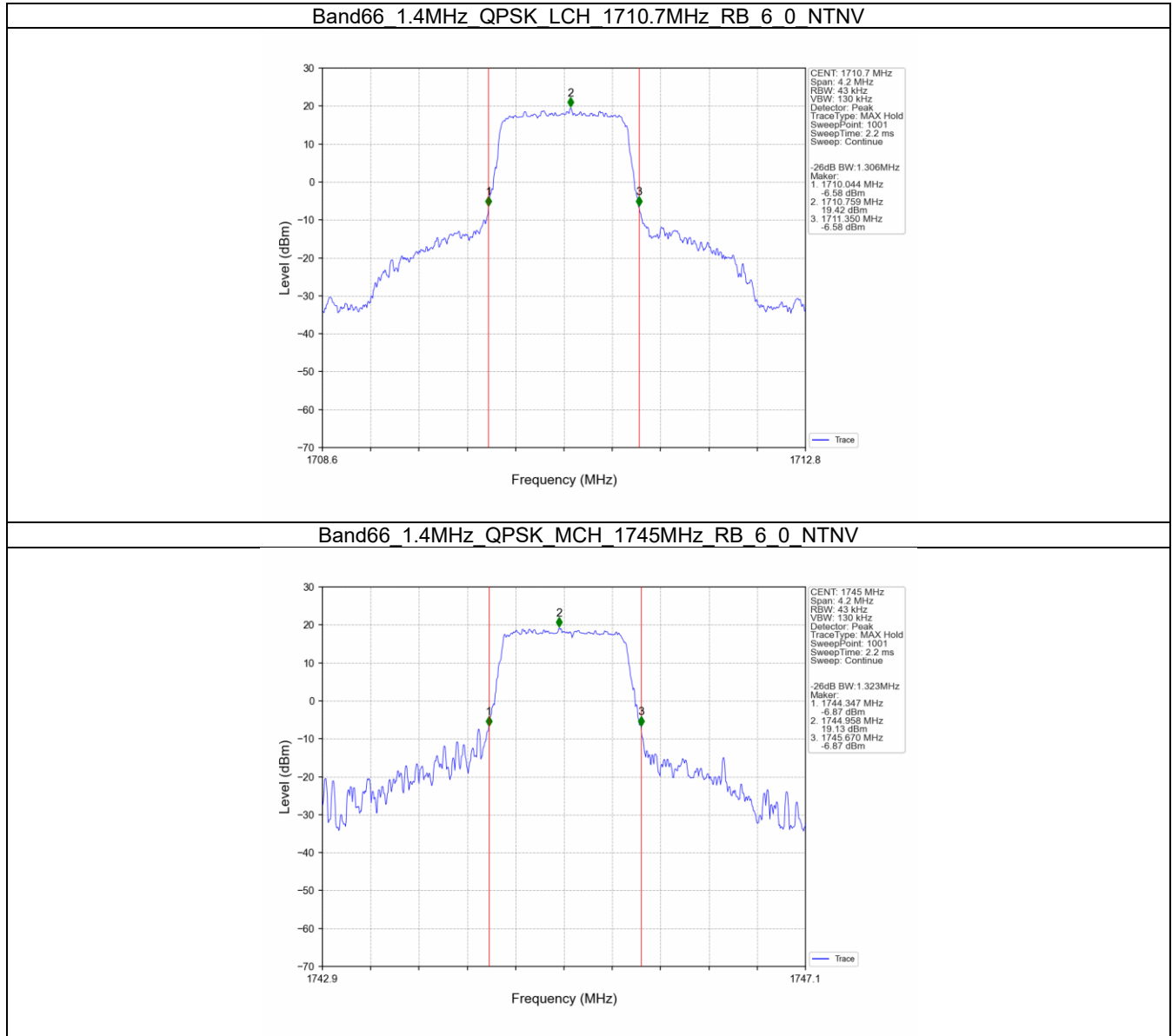
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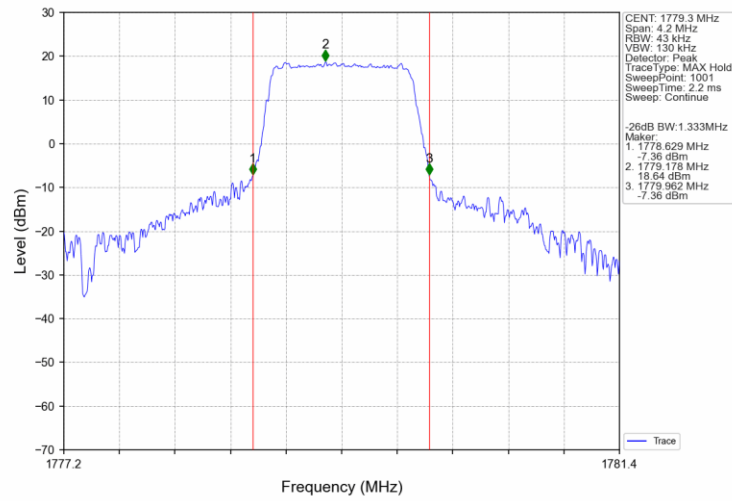
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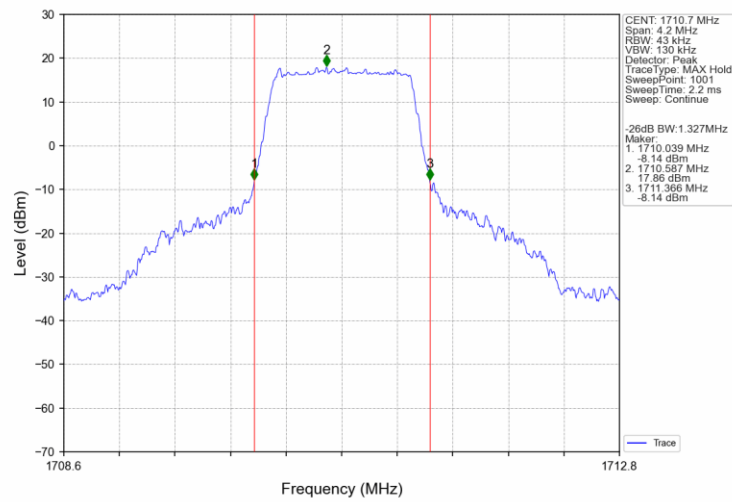
4.2.2 Band66_XDB



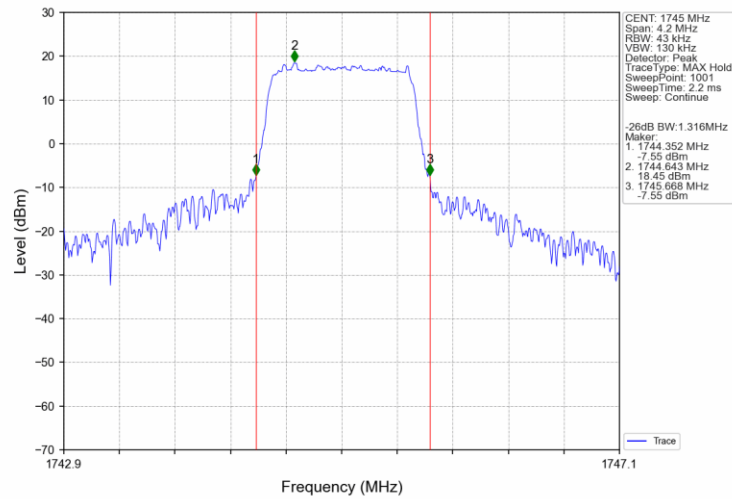
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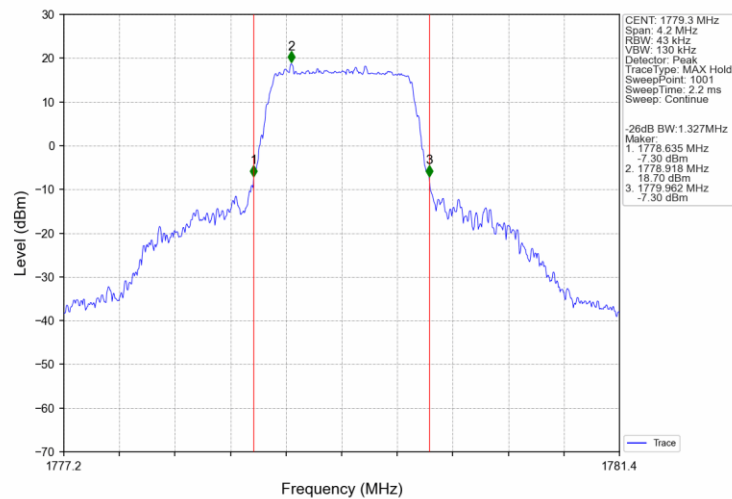
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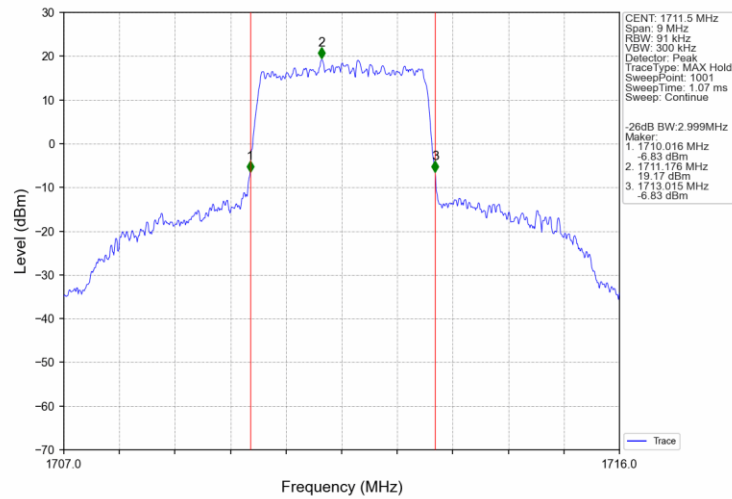
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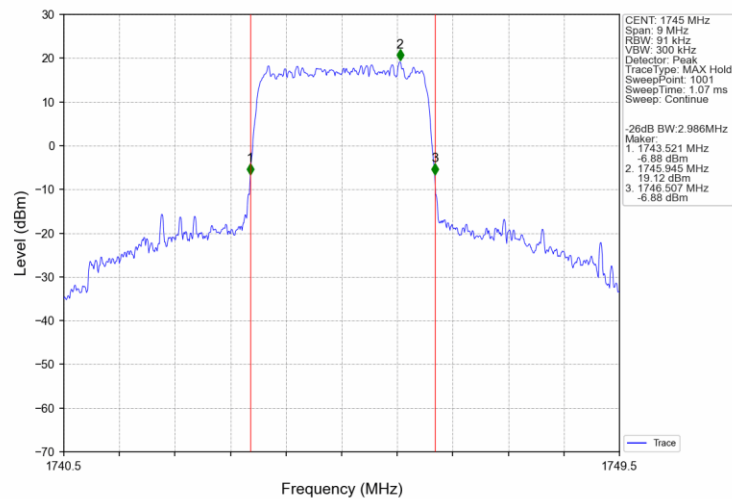
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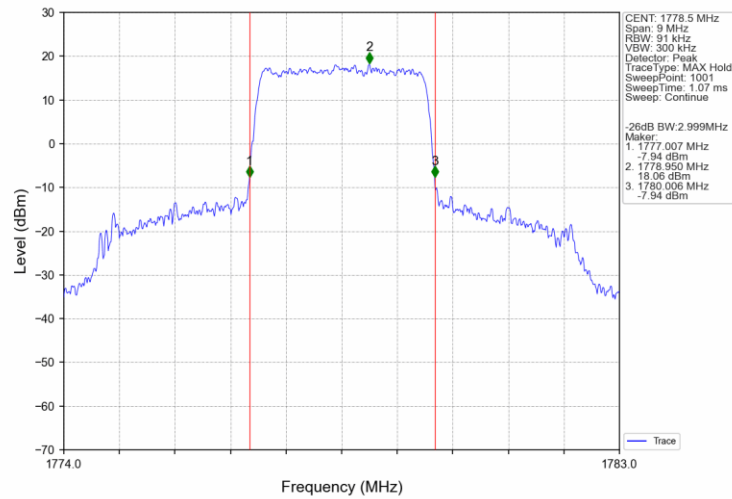
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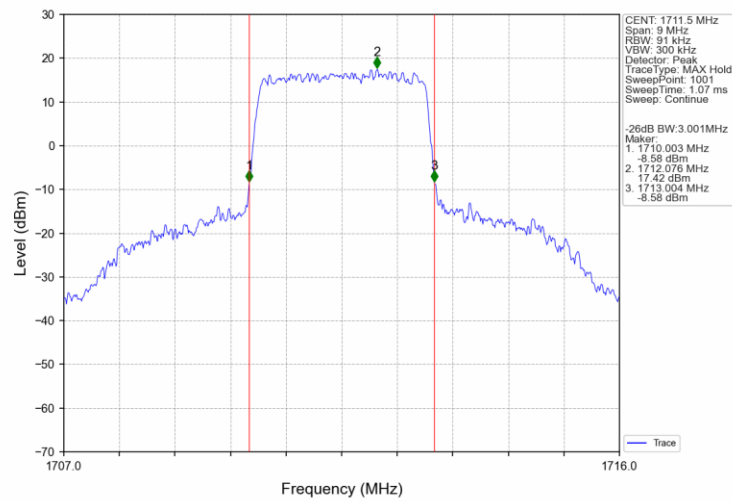
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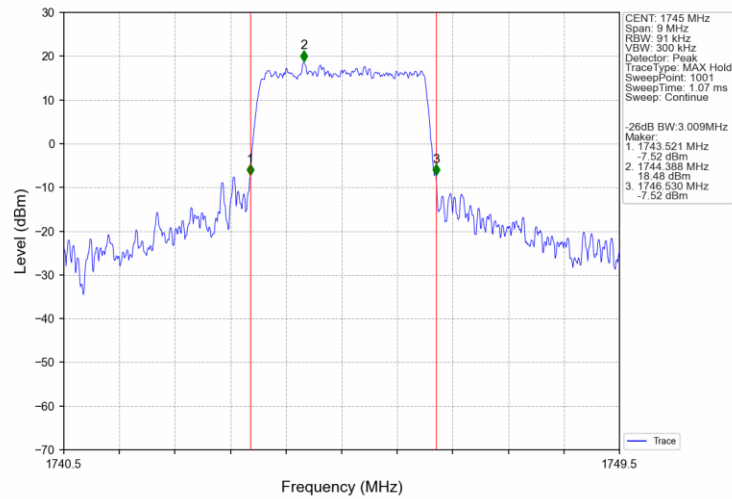
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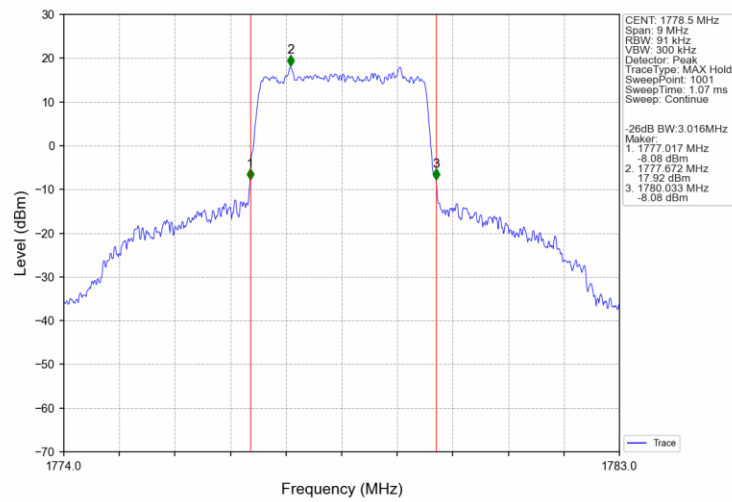
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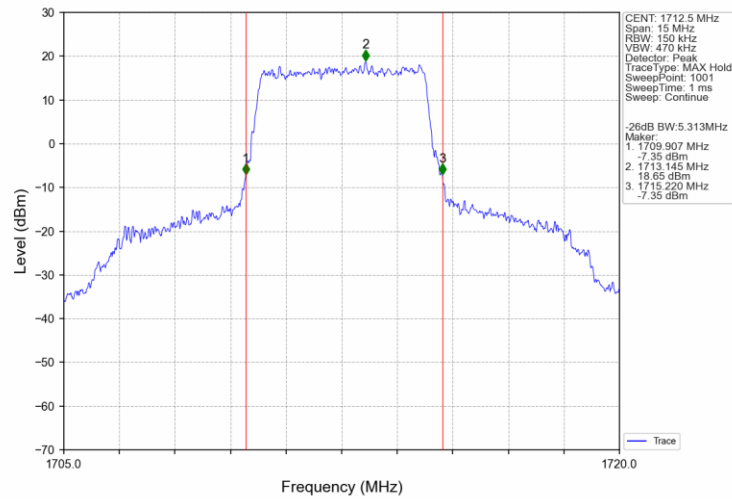
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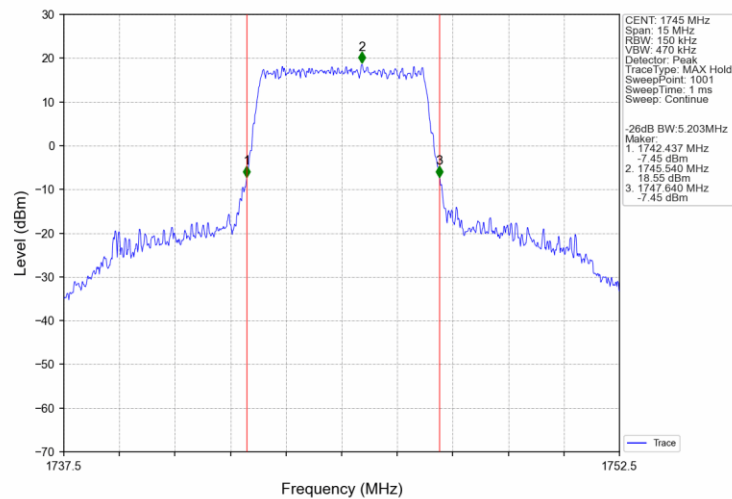
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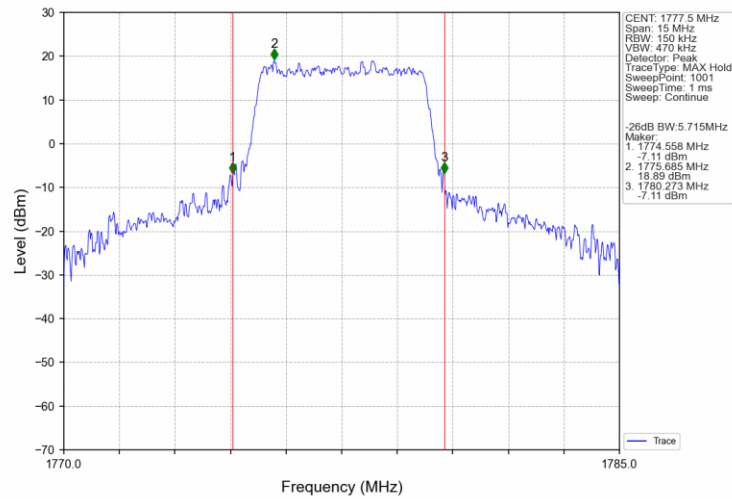
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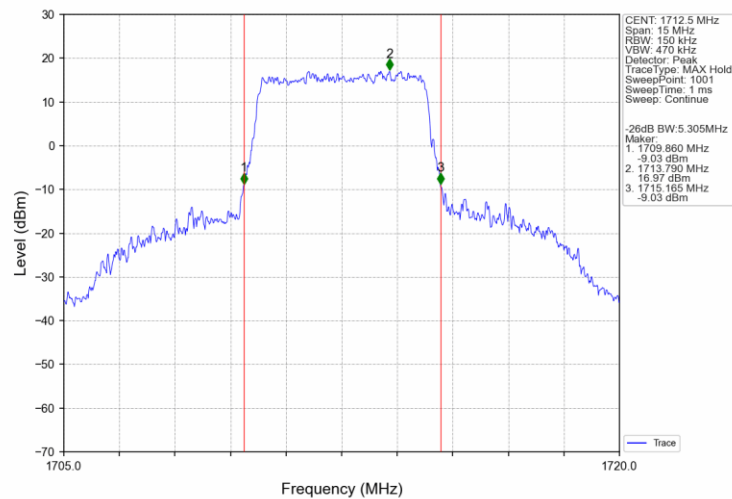
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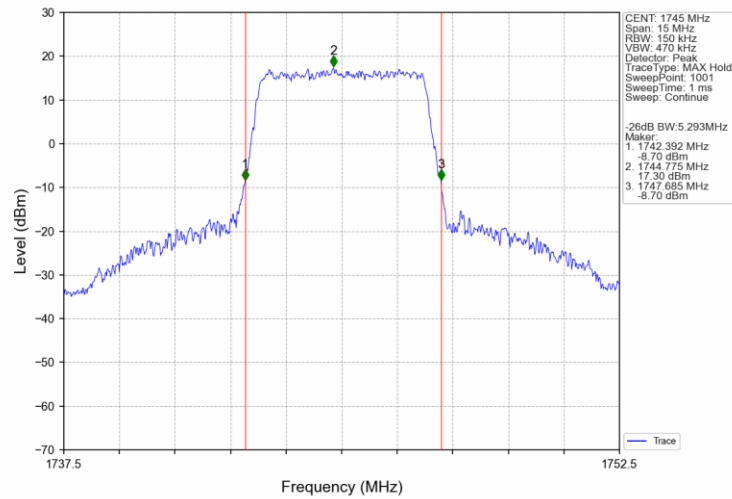
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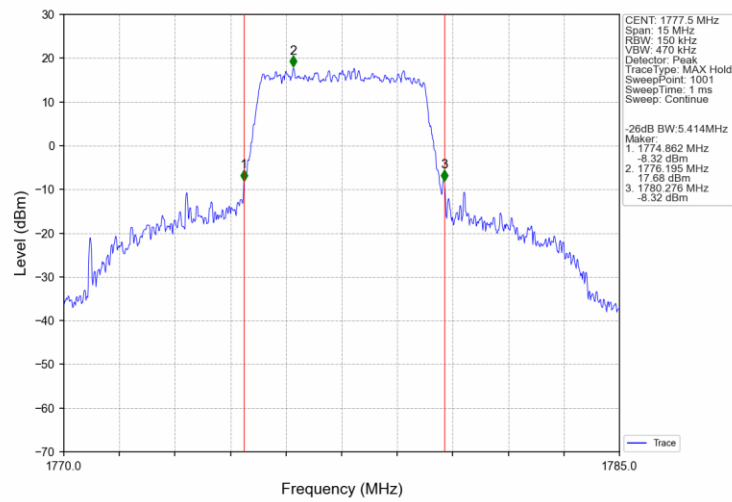
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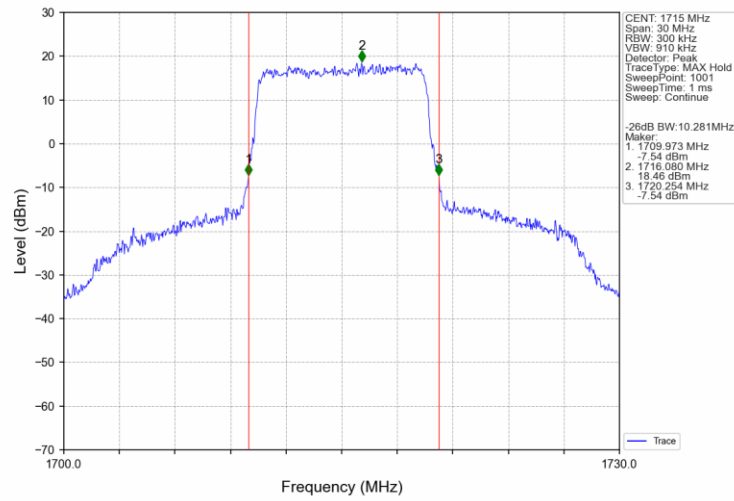
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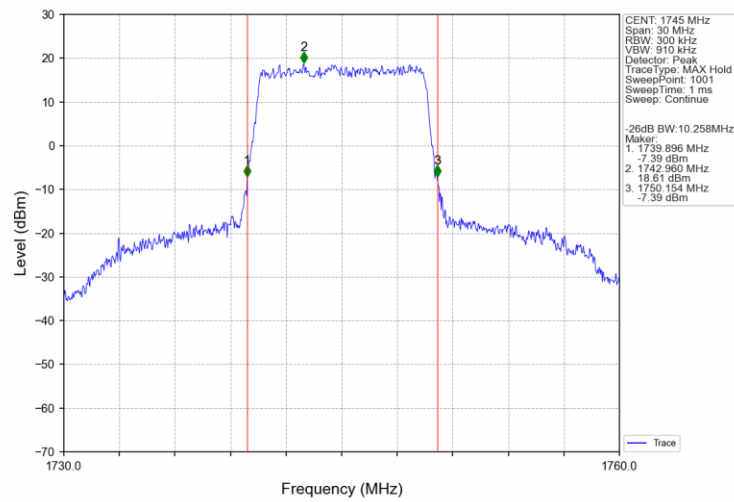
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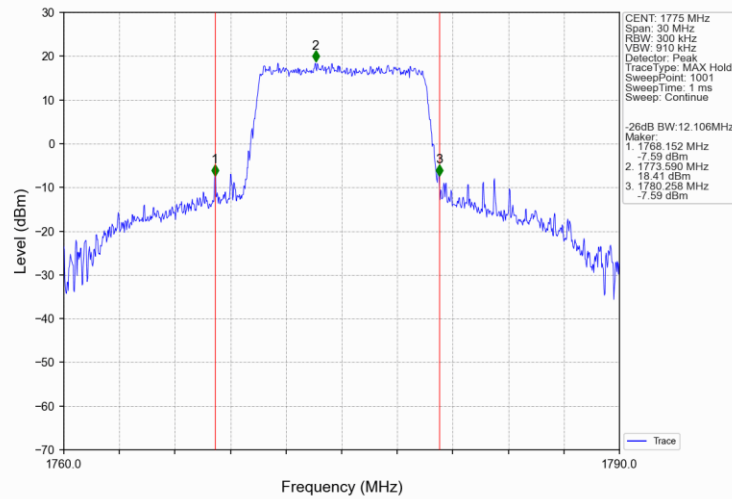
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Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



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

