

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	23.45	0.92	24.37	<=30	Pass
			2	23.67	0.92	24.59	<=30	Pass
			5	23.46	0.92	24.38	<=30	Pass
		3	0	23.61	0.92	24.53	<=30	Pass
			2	23.59	0.92	24.51	<=30	Pass
			3	23.62	0.92	24.54	<=30	Pass
		6	0	22.54	0.92	23.46	<=30	Pass
	1745	1	0	23.43	0.92	24.35	<=30	Pass
			2	23.66	0.92	24.58	<=30	Pass
			5	23.44	0.92	24.36	<=30	Pass
		3	0	23.49	0.92	24.41	<=30	Pass
			2	23.49	0.92	24.41	<=30	Pass
			3	23.51	0.92	24.43	<=30	Pass
		6	0	22.50	0.92	23.42	<=30	Pass
	1779.3	1	0	23.76	0.92	24.68	<=30	Pass
			2	23.98	0.92	24.90	<=30	Pass
			5	23.73	0.92	24.65	<=30	Pass
		3	0	23.79	0.92	24.71	<=30	Pass
			2	23.75	0.92	24.67	<=30	Pass
			3	23.75	0.92	24.67	<=30	Pass
		6	0	22.82	0.92	23.74	<=30	Pass
16QAM	1710.7	1	0	22.44	0.92	23.36	<=30	Pass
			2	22.65	0.92	23.57	<=30	Pass
			5	22.44	0.92	23.36	<=30	Pass
		3	0	22.68	0.92	23.60	<=30	Pass
			2	22.61	0.92	23.53	<=30	Pass
			3	22.65	0.92	23.57	<=30	Pass
		6	0	21.61	0.92	22.53	<=30	Pass
	1745	1	0	22.74	0.92	23.66	<=30	Pass
			2	22.93	0.92	23.85	<=30	Pass
			5	22.69	0.92	23.61	<=30	Pass
		3	0	22.50	0.92	23.42	<=30	Pass
			2	22.49	0.92	23.41	<=30	Pass
			3	22.53	0.92	23.45	<=30	Pass
		6	0	21.45	0.92	22.37	<=30	Pass
	1779.3	1	0	22.60	0.92	23.52	<=30	Pass
			2	22.78	0.92	23.70	<=30	Pass
			5	22.57	0.92	23.49	<=30	Pass
		3	0	22.59	0.92	23.51	<=30	Pass
			2	22.57	0.92	23.49	<=30	Pass
			3	22.60	0.92	23.52	<=30	Pass
		6	0	21.75	0.92	22.67	<=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	23.63	0.92	24.55	<=30	Pass
			7	23.48	0.92	24.40	<=30	Pass
			14	23.66	0.92	24.58	<=30	Pass
		8	0	22.50	0.92	23.42	<=30	Pass
			4	22.56	0.92	23.48	<=30	Pass
			7	22.52	0.92	23.44	<=30	Pass
		15	0	22.50	0.92	23.42	<=30	Pass
	1745	1	0	23.47	0.92	24.39	<=30	Pass
			7	23.35	0.92	24.27	<=30	Pass
			14	23.45	0.92	24.37	<=30	Pass
		8	0	22.51	0.92	23.43	<=30	Pass
			4	22.50	0.92	23.42	<=30	Pass
			7	22.46	0.92	23.38	<=30	Pass
		15	0	22.40	0.92	23.32	<=30	Pass
	1778.5	1	0	23.84	0.92	24.76	<=30	Pass
			7	23.73	0.92	24.65	<=30	Pass
			14	23.86	0.92	24.78	<=30	Pass
		8	0	22.78	0.92	23.70	<=30	Pass
			4	22.79	0.92	23.71	<=30	Pass
			7	22.73	0.92	23.65	<=30	Pass
		15	0	22.72	0.92	23.64	<=30	Pass
16QAM	1711.5	1	0	22.46	0.92	23.38	<=30	Pass
			7	22.32	0.92	23.24	<=30	Pass
			14	22.49	0.92	23.41	<=30	Pass
		8	0	21.49	0.92	22.41	<=30	Pass
			4	21.51	0.92	22.43	<=30	Pass
			7	21.48	0.92	22.40	<=30	Pass
		15	0	21.54	0.92	22.46	<=30	Pass
	1745	1	0	22.47	0.92	23.39	<=30	Pass
			7	22.32	0.92	23.24	<=30	Pass
			14	22.44	0.92	23.36	<=30	Pass
		8	0	21.43	0.92	22.35	<=30	Pass
			4	21.46	0.92	22.38	<=30	Pass
			7	21.40	0.92	22.32	<=30	Pass
		15	0	21.35	0.92	22.27	<=30	Pass
	1778.5	1	0	23.07	0.92	23.99	<=30	Pass
			7	22.94	0.92	23.86	<=30	Pass
			14	23.14	0.92	24.06	<=30	Pass
		8	0	21.79	0.92	22.71	<=30	Pass
			4	21.82	0.92	22.74	<=30	Pass
			7	21.74	0.92	22.66	<=30	Pass
		15	0	21.74	0.92	22.66	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

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	23.48	0.92	24.40	<=30	Pass		
			13	23.60	0.92	24.52	<=30	Pass		
			24	23.53	0.92	24.45	<=30	Pass		
		12	0	22.55	0.92	23.47	<=30	Pass		
			6	22.58	0.92	23.50	<=30	Pass		
			13	22.58	0.92	23.50	<=30	Pass		
		25	0	22.58	0.92	23.50	<=30	Pass		
		1745	1	0	23.37	0.92	24.29	<=30	Pass	
				13	23.45	0.92	24.37	<=30	Pass	
	24			23.39	0.92	24.31	<=30	Pass		
	12		0	22.45	0.92	23.37	<=30	Pass		
			6	22.49	0.92	23.41	<=30	Pass		
			13	22.48	0.92	23.40	<=30	Pass		
	25	0	22.42	0.92	23.34	<=30	Pass			
	1777.5	1	0	23.62	0.92	24.54	<=30	Pass		
			13	23.73	0.92	24.65	<=30	Pass		
			24	23.68	0.92	24.60	<=30	Pass		
		12	0	22.68	0.92	23.60	<=30	Pass		
			6	22.71	0.92	23.63	<=30	Pass		
			13	22.65	0.92	23.57	<=30	Pass		
		25	0	22.67	0.92	23.59	<=30	Pass		
		16QAM	1712.5	1	0	22.88	0.92	23.80	<=30	Pass
					13	22.96	0.92	23.88	<=30	Pass
	24				22.88	0.92	23.80	<=30	Pass	
12	0			21.51	0.92	22.43	<=30	Pass		
	6			21.58	0.92	22.50	<=30	Pass		
	13			21.56	0.92	22.48	<=30	Pass		
25	0			21.56	0.92	22.48	<=30	Pass		
1745	1			0	22.46	0.92	23.38	<=30	Pass	
				13	22.50	0.92	23.42	<=30	Pass	
			24	22.39	0.92	23.31	<=30	Pass		
	12		0	21.45	0.92	22.37	<=30	Pass		
			6	21.46	0.92	22.38	<=30	Pass		
			13	21.42	0.92	22.34	<=30	Pass		
	25		0	21.39	0.92	22.31	<=30	Pass		
1777.5	1		0	22.52	0.92	23.44	<=30	Pass		
			13	22.60	0.92	23.52	<=30	Pass		
			24	22.56	0.92	23.48	<=30	Pass		
	12		0	21.72	0.92	22.64	<=30	Pass		
			6	21.74	0.92	22.66	<=30	Pass		
			13	21.69	0.92	22.61	<=30	Pass		
	25		0	21.74	0.92	22.66	<=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	23.65	0.92	24.57	<=30	Pass		
			25	23.78	0.92	24.70	<=30	Pass		
			49	23.70	0.92	24.62	<=30	Pass		
		25	0	22.58	0.92	23.50	<=30	Pass		
			13	22.61	0.92	23.53	<=30	Pass		
			25	22.65	0.92	23.57	<=30	Pass		
		50	0	22.63	0.92	23.55	<=30	Pass		
		1745	1	0	23.47	0.92	24.39	<=30	Pass	
				25	23.57	0.92	24.49	<=30	Pass	
	49			23.47	0.92	24.39	<=30	Pass		
	25		0	22.52	0.92	23.44	<=30	Pass		
			13	22.51	0.92	23.43	<=30	Pass		
			25	22.53	0.92	23.45	<=30	Pass		
	50		0	22.51	0.92	23.43	<=30	Pass		
	1775		1	0	23.69	0.92	24.61	<=30	Pass	
				25	23.88	0.92	24.80	<=30	Pass	
		49		23.83	0.92	24.75	<=30	Pass		
		25	0	22.70	0.92	23.62	<=30	Pass		
			13	22.74	0.92	23.66	<=30	Pass		
			25	22.74	0.92	23.66	<=30	Pass		
		50	0	22.71	0.92	23.63	<=30	Pass		
		16QAM	1715	1	0	22.48	0.92	23.40	<=30	Pass
					25	22.57	0.92	23.49	<=30	Pass
	49				22.50	0.92	23.42	<=30	Pass	
	25			0	21.64	0.92	22.56	<=30	Pass	
				13	21.68	0.92	22.60	<=30	Pass	
25				21.70	0.92	22.62	<=30	Pass		
50	0			21.63	0.92	22.55	<=30	Pass		
1745	1			0	22.51	0.92	23.43	<=30	Pass	
				25	22.55	0.92	23.47	<=30	Pass	
			49	22.44	0.92	23.36	<=30	Pass		
	25		0	21.57	0.92	22.49	<=30	Pass		
			13	21.55	0.92	22.47	<=30	Pass		
			25	21.54	0.92	22.46	<=30	Pass		
	50		0	21.48	0.92	22.40	<=30	Pass		
	1775		1	0	23.03	0.92	23.95	<=30	Pass	
				25	23.13	0.92	24.05	<=30	Pass	
49				23.09	0.92	24.01	<=30	Pass		
25			0	21.73	0.92	22.65	<=30	Pass		
			13	21.74	0.92	22.66	<=30	Pass		
			25	21.73	0.92	22.65	<=30	Pass		
50			0	21.70	0.92	22.62	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

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	23.54	0.92	24.46	<=30	Pass
			38	23.71	0.92	24.63	<=30	Pass
			74	23.52	0.92	24.44	<=30	Pass
		36	0	22.67	0.92	23.59	<=30	Pass
			18	22.71	0.92	23.63	<=30	Pass
			39	22.73	0.92	23.65	<=30	Pass
		75	0	22.72	0.92	23.64	<=30	Pass
	1745	1	0	23.49	0.92	24.41	<=30	Pass
			38	23.63	0.92	24.55	<=30	Pass
			74	23.49	0.92	24.41	<=30	Pass
		36	0	22.59	0.92	23.51	<=30	Pass
			18	22.62	0.92	23.54	<=30	Pass
			39	22.66	0.92	23.58	<=30	Pass
		75	0	22.62	0.92	23.54	<=30	Pass
	1772.5	1	0	23.50	0.92	24.42	<=30	Pass
			38	23.67	0.92	24.59	<=30	Pass
			74	23.65	0.92	24.57	<=30	Pass
		36	0	22.70	0.92	23.62	<=30	Pass
			18	22.80	0.92	23.72	<=30	Pass
			39	22.86	0.92	23.78	<=30	Pass
		75	0	22.78	0.92	23.70	<=30	Pass
16QAM	1717.5	1	0	22.41	0.92	23.33	<=30	Pass
			38	22.55	0.92	23.47	<=30	Pass
			74	22.48	0.92	23.40	<=30	Pass
		36	0	21.59	0.92	22.51	<=30	Pass
			18	21.63	0.92	22.55	<=30	Pass
			39	21.67	0.92	22.59	<=30	Pass
		75	0	21.68	0.92	22.60	<=30	Pass
	1745	1	0	22.41	0.92	23.33	<=30	Pass
			38	22.42	0.92	23.34	<=30	Pass
			74	22.28	0.92	23.20	<=30	Pass
		36	0	21.52	0.92	22.44	<=30	Pass
			18	21.56	0.92	22.48	<=30	Pass
			39	21.57	0.92	22.49	<=30	Pass
		75	0	21.55	0.92	22.47	<=30	Pass
	1772.5	1	0	22.53	0.92	23.45	<=30	Pass
			38	22.68	0.92	23.60	<=30	Pass
			74	22.60	0.92	23.52	<=30	Pass
		36	0	21.61	0.92	22.53	<=30	Pass
			18	21.70	0.92	22.62	<=30	Pass
			39	21.77	0.92	22.69	<=30	Pass
		75	0	21.73	0.92	22.65	<=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	23.27	0.92	24.19	<=30	Pass
			50	23.65	0.92	24.57	<=30	Pass
			99	23.35	0.92	24.27	<=30	Pass
		50	0	22.49	0.92	23.41	<=30	Pass
			25	22.59	0.92	23.51	<=30	Pass
			50	22.60	0.92	23.52	<=30	Pass
		100	0	22.54	0.92	23.46	<=30	Pass
	1745	1	0	23.31	0.92	24.23	<=30	Pass
			50	23.64	0.92	24.56	<=30	Pass
			99	23.27	0.92	24.19	<=30	Pass
		50	0	22.46	0.92	23.38	<=30	Pass
			25	22.50	0.92	23.42	<=30	Pass
			50	22.53	0.92	23.45	<=30	Pass
		100	0	22.48	0.92	23.40	<=30	Pass
	1770	1	0	23.27	0.92	24.19	<=30	Pass
			50	23.72	0.92	24.64	<=30	Pass
			99	23.49	0.92	24.41	<=30	Pass
		50	0	22.65	0.92	23.57	<=30	Pass
			25	22.69	0.92	23.61	<=30	Pass
			50	22.70	0.92	23.62	<=30	Pass
		100	0	22.65	0.92	23.57	<=30	Pass
16QAM	1720	1	0	22.29	0.92	23.21	<=30	Pass
			50	22.61	0.92	23.53	<=30	Pass
			99	22.40	0.92	23.32	<=30	Pass
		50	0	21.49	0.92	22.41	<=30	Pass
			25	21.57	0.92	22.49	<=30	Pass
			50	21.61	0.92	22.53	<=30	Pass
		100	0	21.56	0.92	22.48	<=30	Pass
	1745	1	0	22.18	0.92	23.10	<=30	Pass
			50	22.36	0.92	23.28	<=30	Pass
			99	22.09	0.92	23.01	<=30	Pass
		50	0	21.46	0.92	22.38	<=30	Pass
			25	21.50	0.92	22.42	<=30	Pass
			50	21.52	0.92	22.44	<=30	Pass
		100	0	21.50	0.92	22.42	<=30	Pass
	1770	1	0	22.69	0.92	23.61	<=30	Pass
			50	23.11	0.92	24.03	<=30	Pass
			99	22.83	0.92	23.75	<=30	Pass
		50	0	21.67	0.92	22.59	<=30	Pass
			25	21.69	0.92	22.61	<=30	Pass
			50	21.69	0.92	22.61	<=30	Pass
		100	0	21.68	0.92	22.60	<=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	-4.778	-0.0028	-2.5 to 2.5	Pass
					3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.903	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-8.340	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.847	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.950	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-4.020	-0.0023	-2.5 to 2.5	Pass
					3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
					4.43	-4.177	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-7.710	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-8.698	-0.0050	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-1.445	-0.0008	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0040	-2.5 to 2.5	Pass
					4.43	1.488	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-7.381	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-3.805	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-5.093	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-2.246	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.393	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass

				0	3.85	-7.024	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-9.441	-0.0054	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-3.562	-0.0020	-2.5 to 2.5	Pass
					3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-8.125	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.433	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-8.154	-0.0046	-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	-12.960	-0.0076	-2.5 to 2.5	Pass
					3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
					4.43	-1.001	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.294	-0.0037	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-4.148	-0.0024	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-4.950	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-9.212	-0.0052	-2.5 to 2.5	Pass
					3.85	-8.368	-0.0047	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-6.924	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.679	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-3.390	-0.0020	-2.5 to 2.5	Pass
					3.85	0.529	0.0003	-2.5 to 2.5	Pass
					4.43	-2.446	-0.0014	-2.5 to 2.5	Pass

				-30	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				0	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-3.018	-0.0018	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-3.333	-0.0019	-2.5 to 2.5	Pass
					3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
					4.43	-8.812	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-3.247	-0.0018	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.233	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-7.854	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-5.536	-0.0031	-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	-8.912	-0.0052	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
					4.43	-5.364	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-5.622	-0.0032	-2.5 to 2.5	Pass
					3.85	-8.011	-0.0046	-2.5 to 2.5	Pass
					4.43	-5.479	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-4.578	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.27	-6.108	-0.0034	-2.5 to 2.5	Pass
					3.85	-9.084	-0.0051	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-6.123	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.819	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.007	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.788	0.0010	-2.5 to 2.5	Pass
					3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.245	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-6.523	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-1.001	-0.0006	-2.5 to 2.5	Pass
					3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.134	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-2.732	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.748	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-5.679	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-7.095	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-7.696	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-5.236	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.931	-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	3.27	-3.991	-0.0023	-2.5 to 2.5	Pass
					3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
					4.43	-4.821	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-7.696	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass

				30	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-3.476	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0041	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-5.264	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0034	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-8.054	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-11.616	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-7.582	-0.0044	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0055	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-6.266	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-8.998	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-4.678	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
					4.43	-3.219	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-7.610	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-4.764	-0.0027	-2.5 to 2.5	Pass
					3.85	-9.255	-0.0052	-2.5 to 2.5	Pass
					4.43	-10.343	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-8.183	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-8.683	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-4.492	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-8.039	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-7.610	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-8.655	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-6.866	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-7.482	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-7.210	-0.0041	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-7.181	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-7.639	-0.0044	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-1.702	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.119	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-5.422	-0.0032	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-6.108	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.838	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-4.420	-0.0025	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
					4.43	-6.638	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-7.281	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.27	-2.275	-0.0013	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
					4.43	-7.167	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-6.623	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.891	-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	-5.550	-0.0032	-2.5 to 2.5	Pass
					3.85	-10.028	-0.0058	-2.5 to 2.5	Pass
					4.43	-10.400	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-8.540	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-8.140	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-9.670	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-10.686	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-8.440	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0037	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	1.073	0.0006	-2.5 to 2.5	Pass
					3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
					4.43	2.618	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-7.153	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-6.051	-0.0034	-2.5 to 2.5	Pass
					3.85	-6.166	-0.0035	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.952	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-6.394	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-6.495	-0.0038	-2.5 to 2.5	Pass
					3.85	-10.428	-0.0061	-2.5 to 2.5	Pass
					4.43	-9.570	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-8.554	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-8.855	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-9.098	-0.0053	-2.5 to 2.5	Pass

				30	3.85	-10.157	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-8.812	-0.0051	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.605	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-3.262	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.077	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-7.896	-0.0045	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.320	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-9.098	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-4.120	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.606	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-4.749	-0.0027	-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

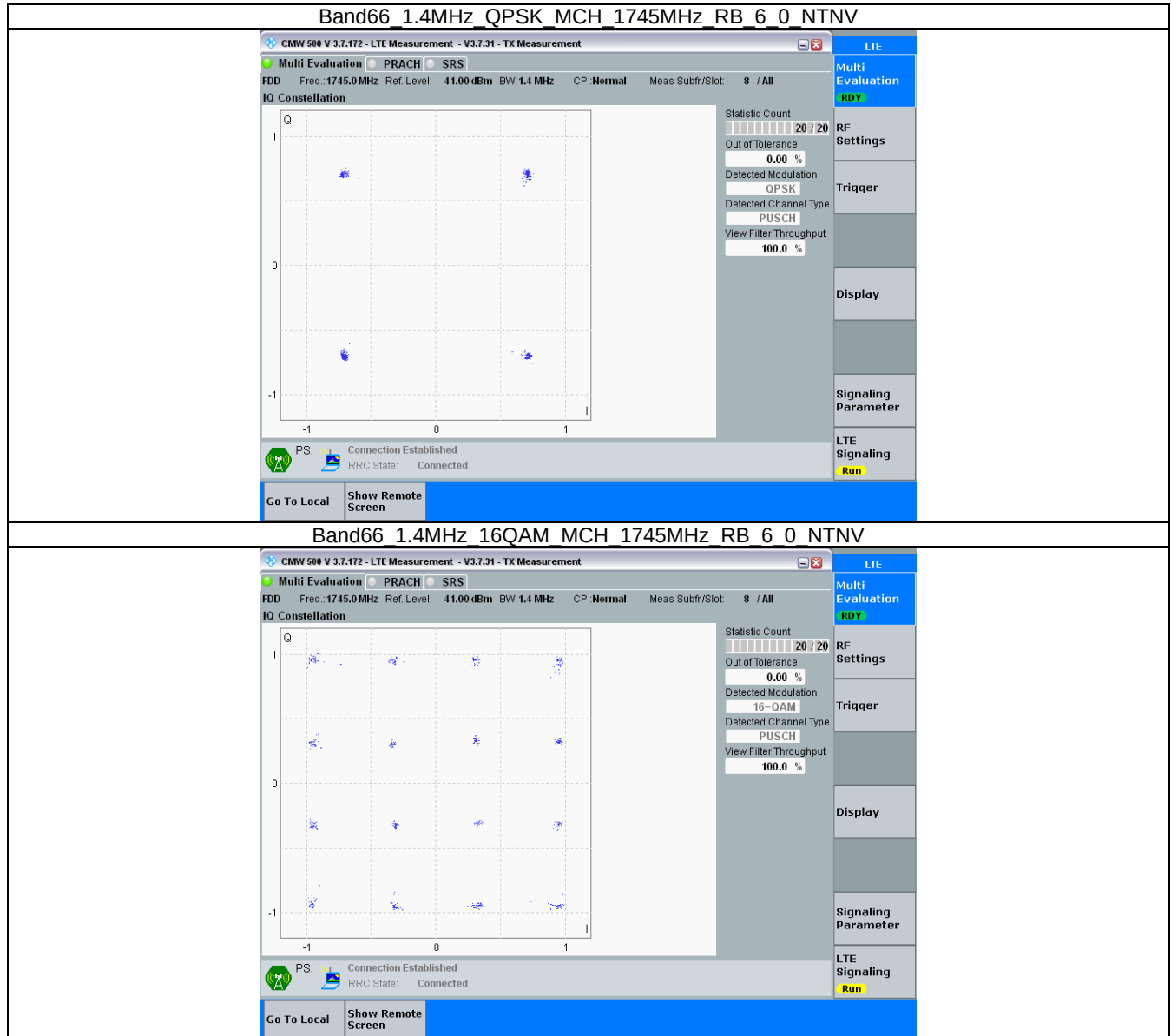
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

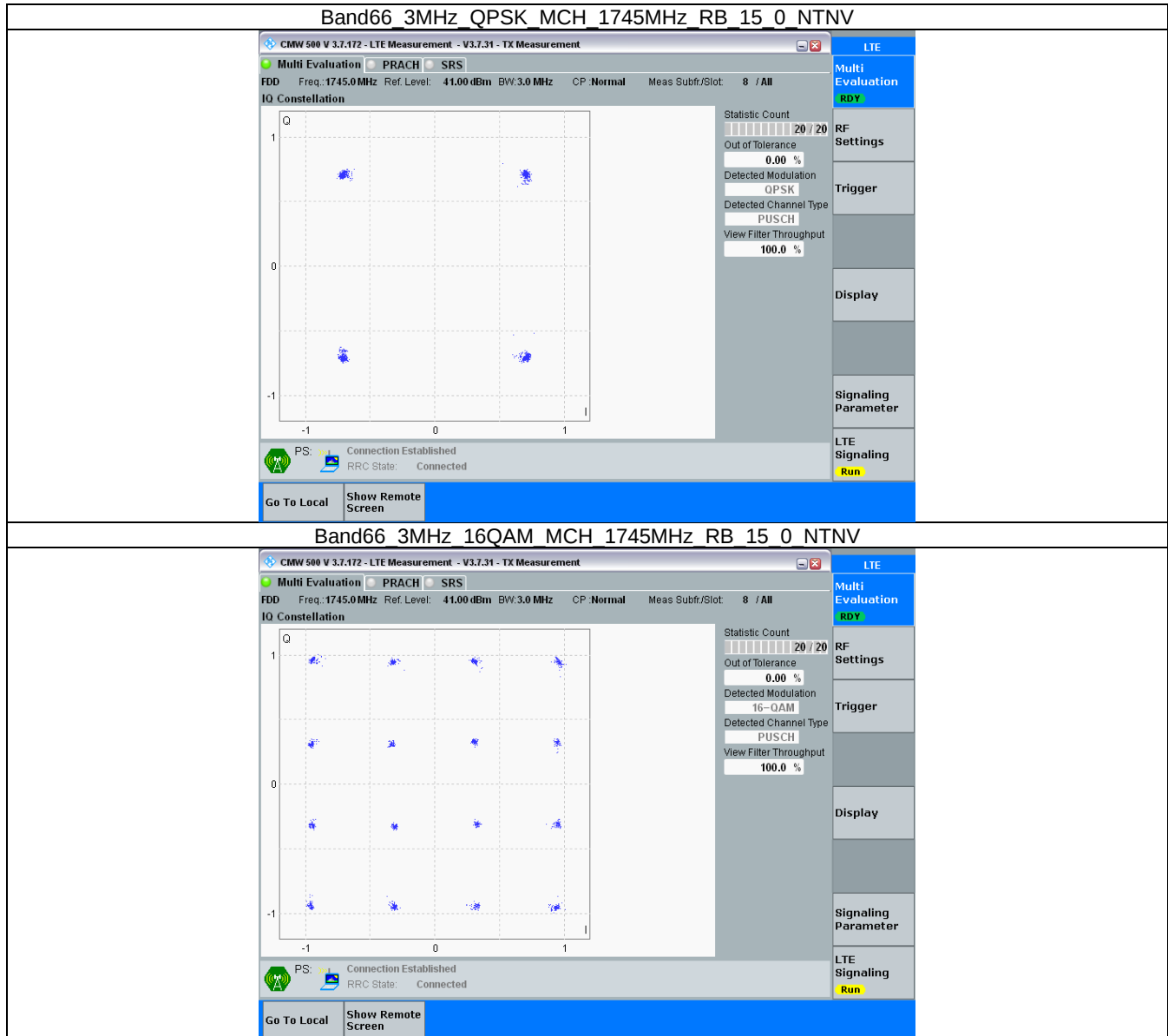
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

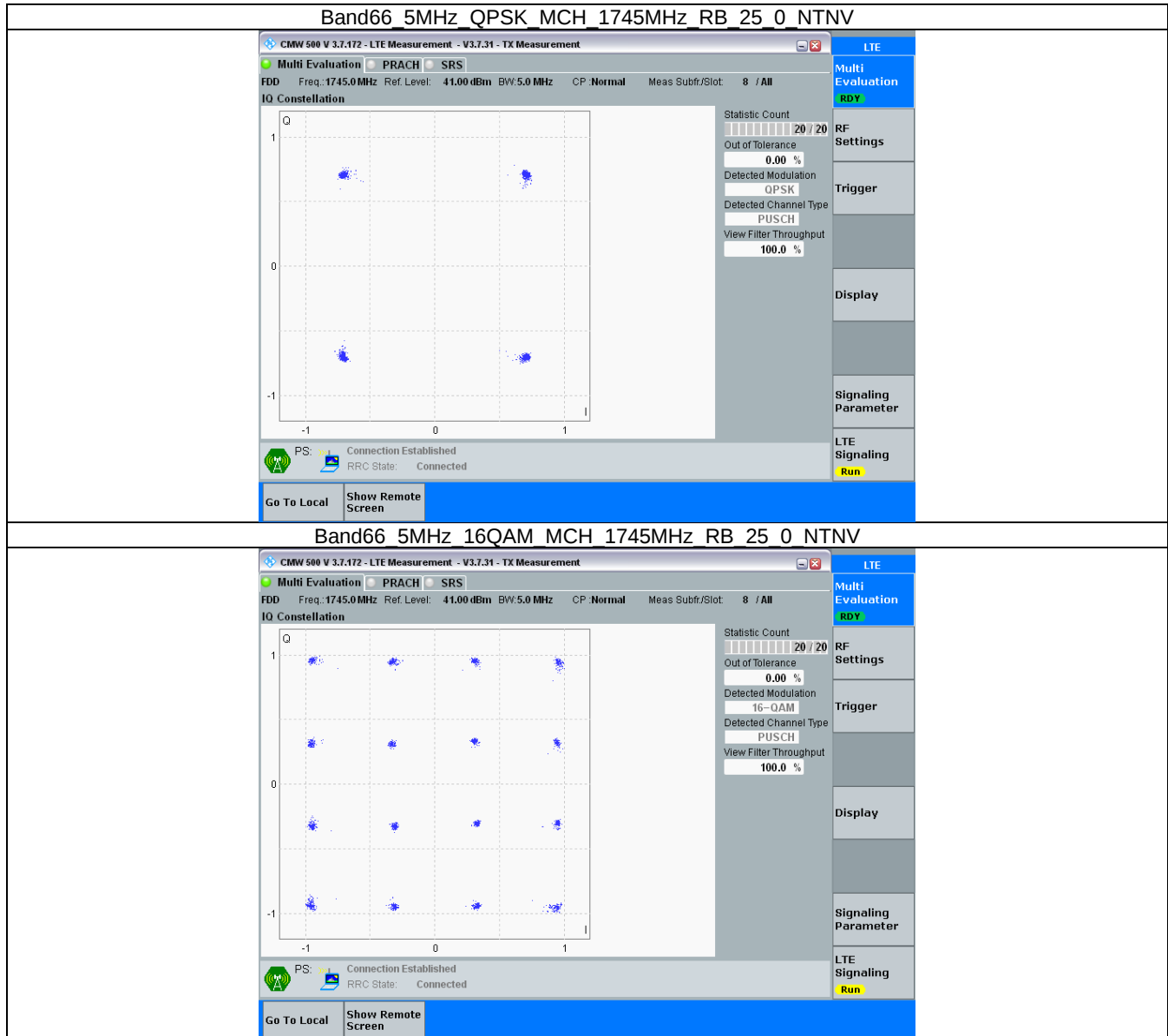
3.2.1 B66_1.4MHz



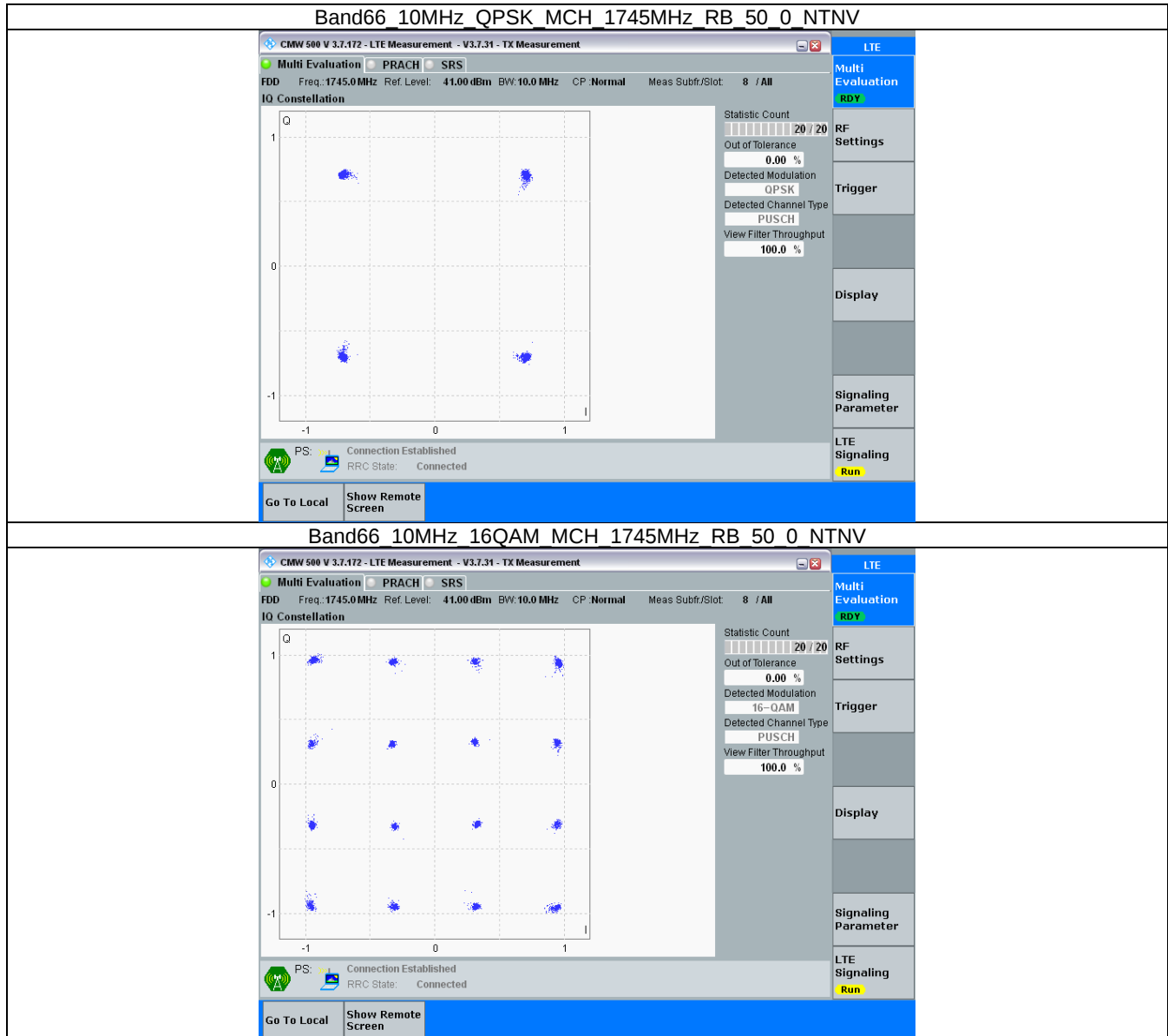
3.2.2 B66_3MHz



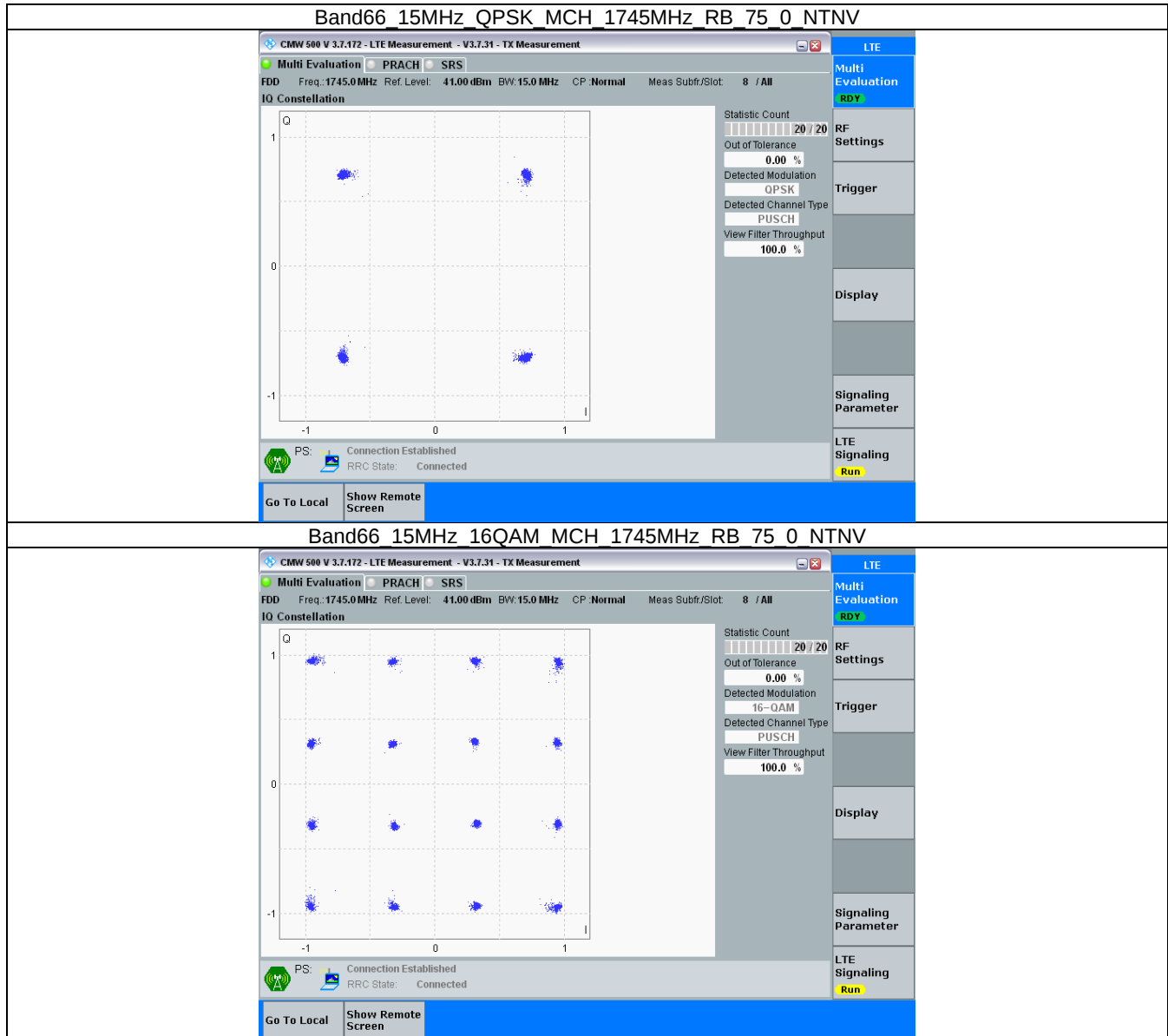
3.2.3 B66_5MHz



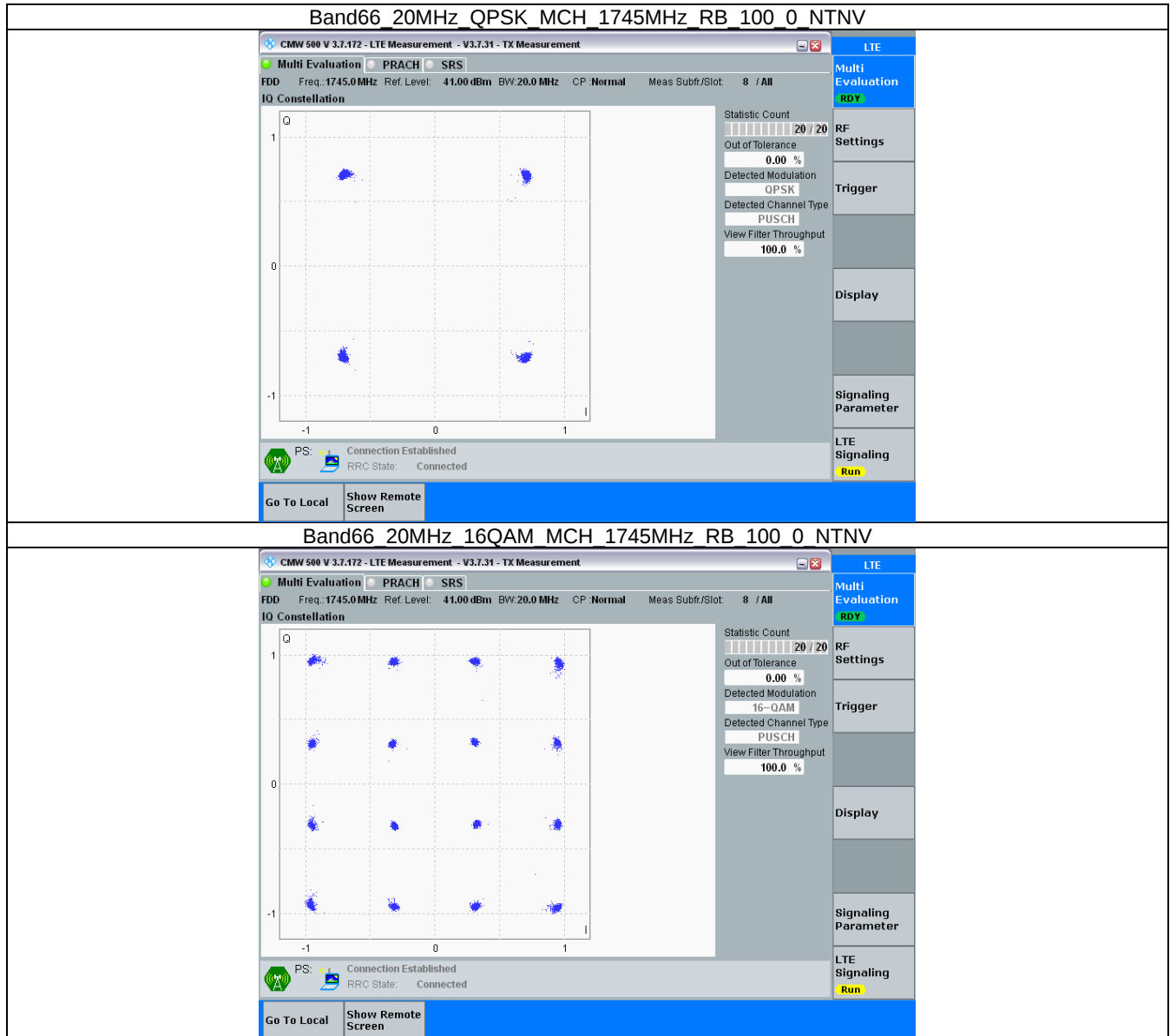
3.2.4 B66_10MHz



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	1.110	/	Pass
		1745	6	0	1.125	/	Pass
		1779.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.113	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.110	/	Pass
3	QPSK	1711.5	15	0	2.728	/	Pass
		1745	15	0	2.727	/	Pass
		1778.5	15	0	2.731	/	Pass
	16QAM	1711.5	15	0	2.715	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.716	/	Pass
5	QPSK	1712.5	25	0	4.581	/	Pass
		1745	25	0	4.573	/	Pass
		1777.5	25	0	4.575	/	Pass
	16QAM	1712.5	25	0	4.615	/	Pass
		1745	25	0	4.598	/	Pass
		1777.5	25	0	4.559	/	Pass
10	QPSK	1715	50	0	9.050	/	Pass
		1745	50	0	9.111	/	Pass
		1775	50	0	9.091	/	Pass
	16QAM	1715	50	0	9.084	/	Pass
		1745	50	0	9.101	/	Pass
		1775	50	0	9.087	/	Pass
15	QPSK	1717.5	75	0	13.607	/	Pass
		1745	75	0	13.651	/	Pass
		1772.5	75	0	13.613	/	Pass
	16QAM	1717.5	75	0	13.620	/	Pass
		1745	75	0	13.657	/	Pass
		1772.5	75	0	13.666	/	Pass
20	QPSK	1720	100	0	18.123	/	Pass
		1745	100	0	18.162	/	Pass
		1770	100	0	18.169	/	Pass
	16QAM	1720	100	0	18.128	/	Pass
		1745	100	0	18.152	/	Pass
		1770	100	0	18.149	/	Pass

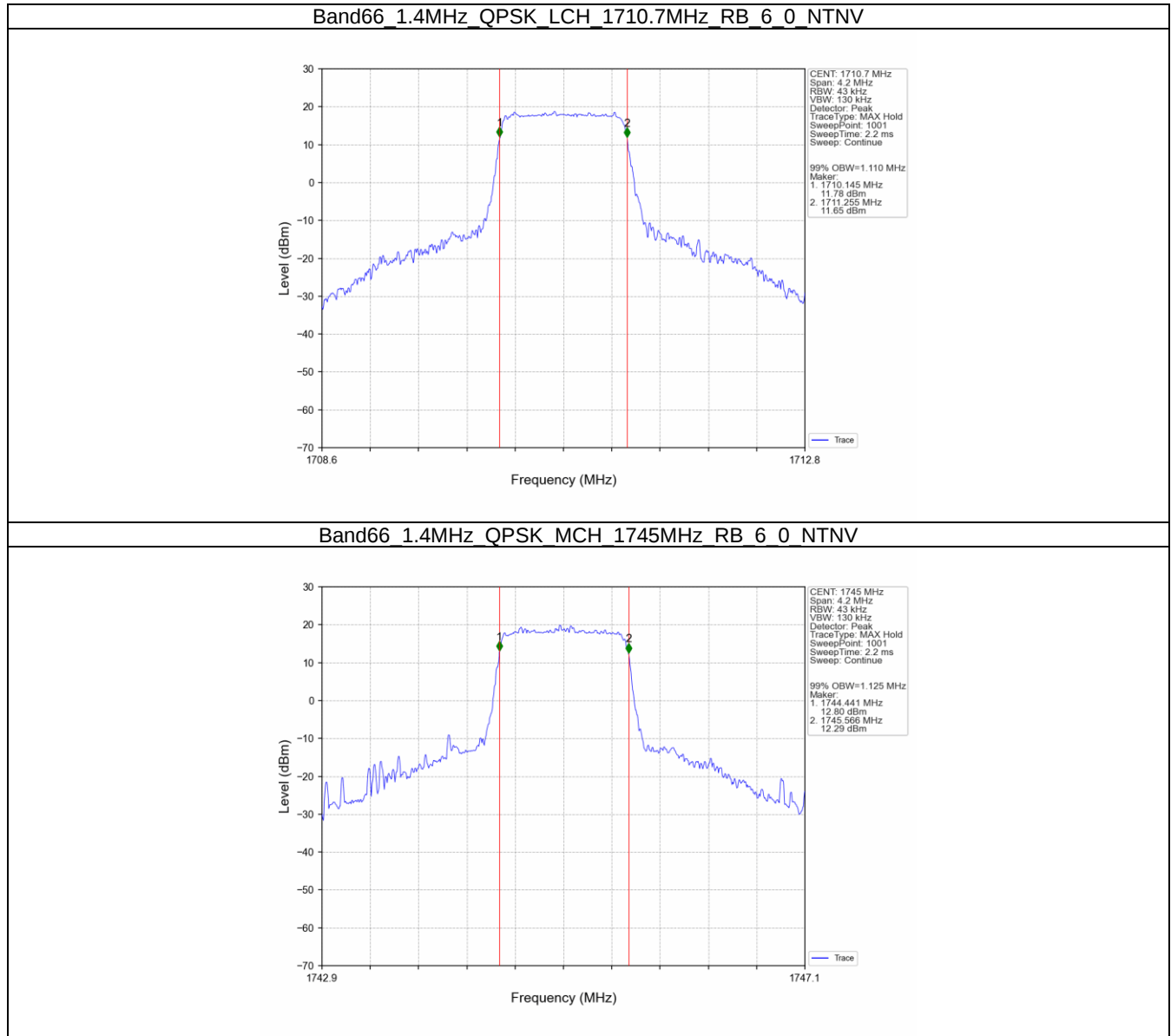
4.1.2 Band66_XDB

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	1.335	/	Pass
		1745	6	0	1.298	/	Pass
		1779.3	6	0	1.324	/	Pass
	16QAM	1710.7	6	0	1.324	/	Pass
		1745	6	0	1.332	/	Pass
		1779.3	6	0	1.320	/	Pass
3	QPSK	1711.5	15	0	2.989	/	Pass

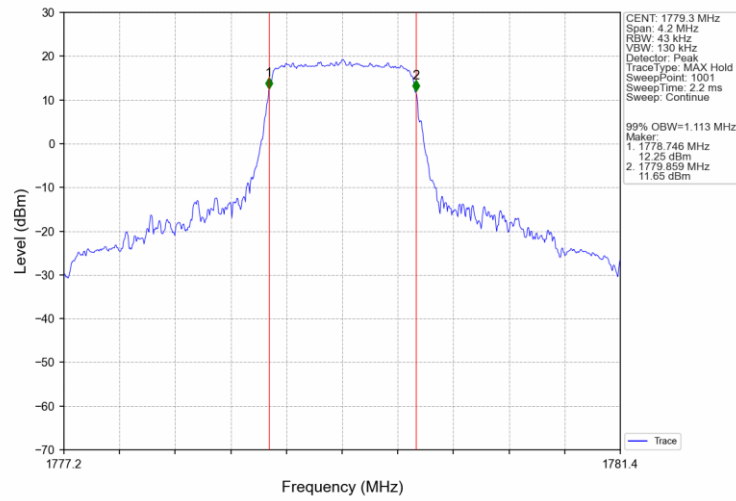
	16QAM	1745	15	0	2.996	/	Pass
		1778.5	15	0	3.015	/	Pass
		1711.5	15	0	2.995	/	Pass
		1745	15	0	2.996	/	Pass
		1778.5	15	0	2.984	/	Pass
5	QPSK	1712.5	25	0	5.237	/	Pass
		1745	25	0	5.202	/	Pass
		1777.5	25	0	5.264	/	Pass
	16QAM	1712.5	25	0	5.334	/	Pass
		1745	25	0	5.307	/	Pass
		1777.5	25	0	5.282	/	Pass
10	QPSK	1715	50	0	10.333	/	Pass
		1745	50	0	10.277	/	Pass
		1775	50	0	10.231	/	Pass
	16QAM	1715	50	0	10.327	/	Pass
		1745	50	0	10.177	/	Pass
		1775	50	0	10.181	/	Pass
15	QPSK	1717.5	75	0	15.424	/	Pass
		1745	75	0	15.374	/	Pass
		1772.5	75	0	15.395	/	Pass
	16QAM	1717.5	75	0	15.404	/	Pass
		1745	75	0	15.205	/	Pass
		1772.5	75	0	15.348	/	Pass
20	QPSK	1720	100	0	20.198	/	Pass
		1745	100	0	19.976	/	Pass
		1770	100	0	20.242	/	Pass
	16QAM	1720	100	0	19.939	/	Pass
		1745	100	0	20.068	/	Pass
		1770	100	0	20.223	/	Pass

4.2 Test Graph

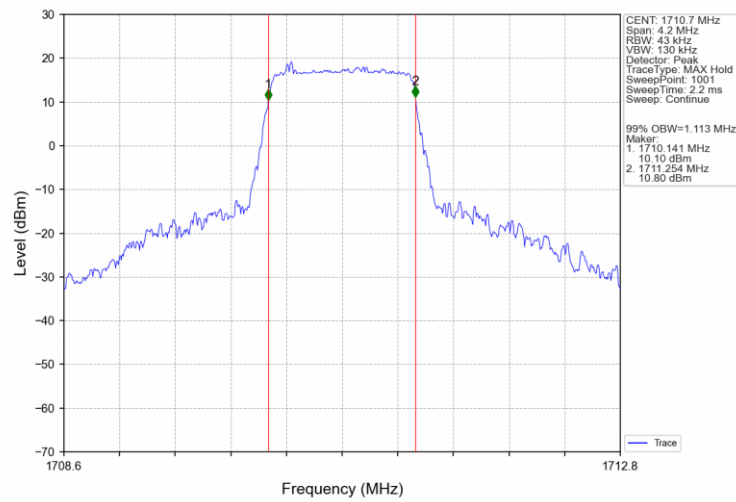
4.2.1 Band66_OBW



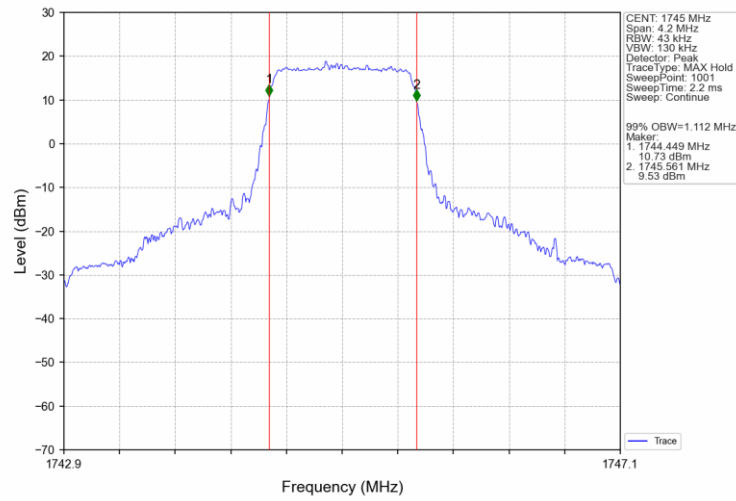
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



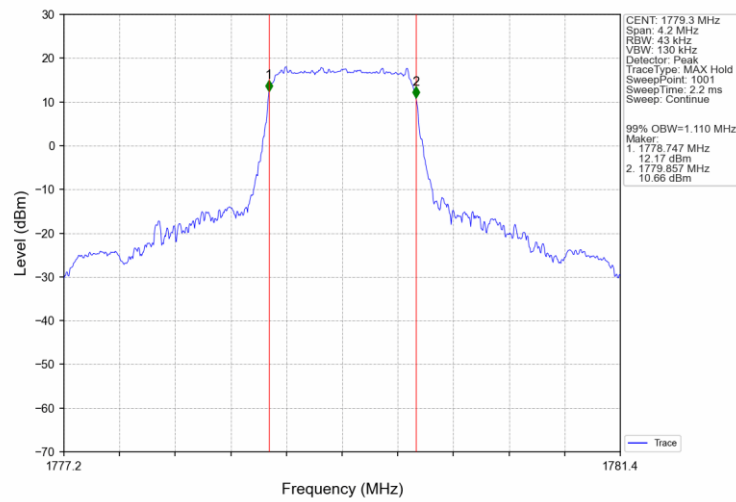
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



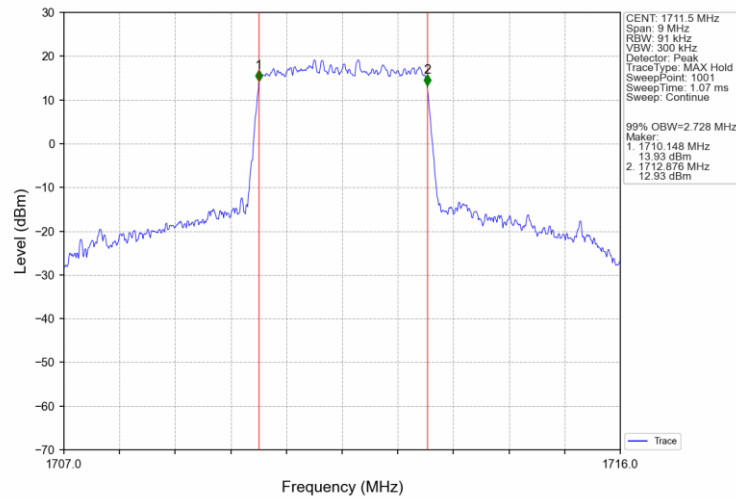
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



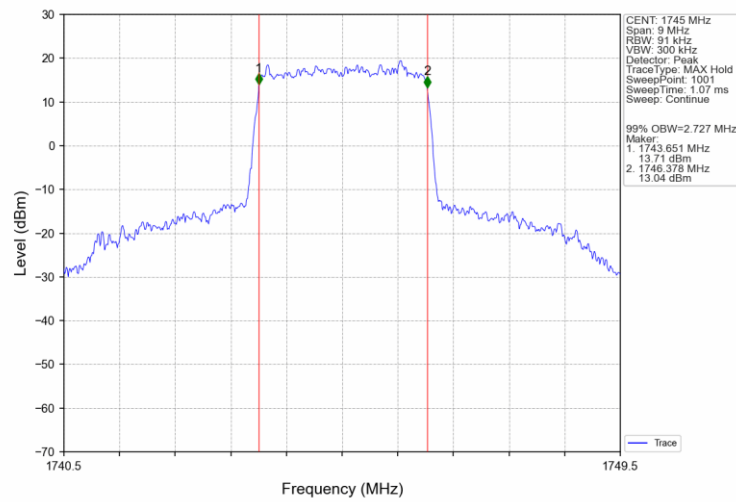
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



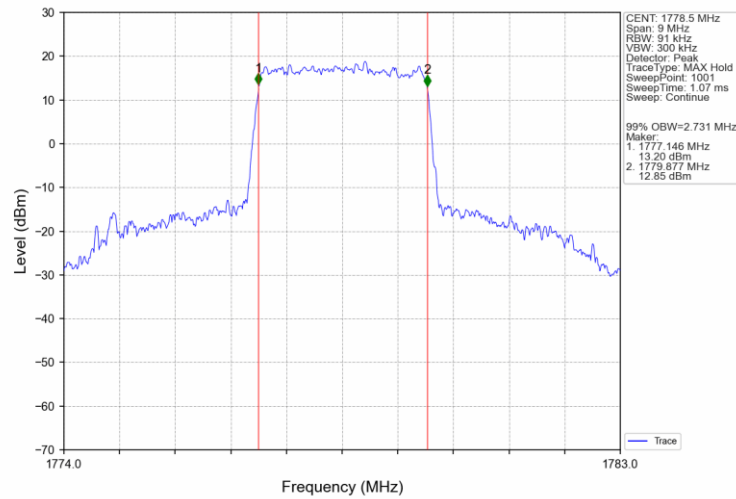
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



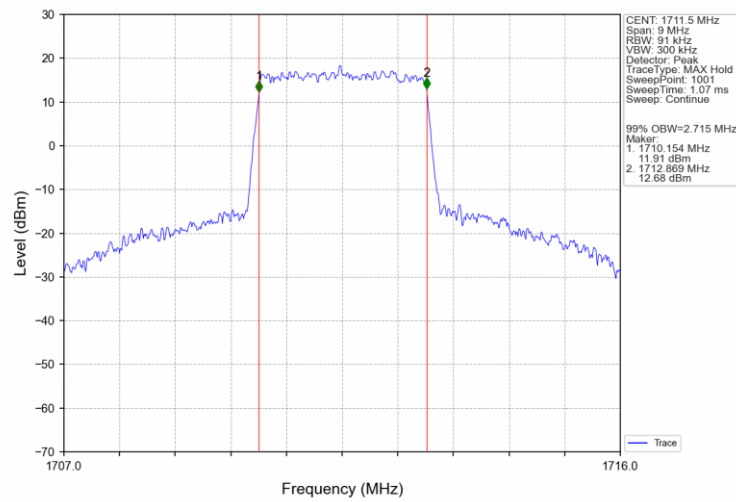
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



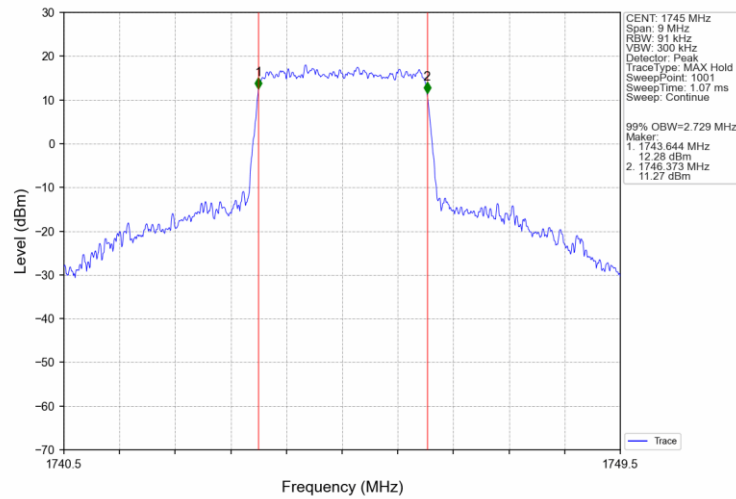
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



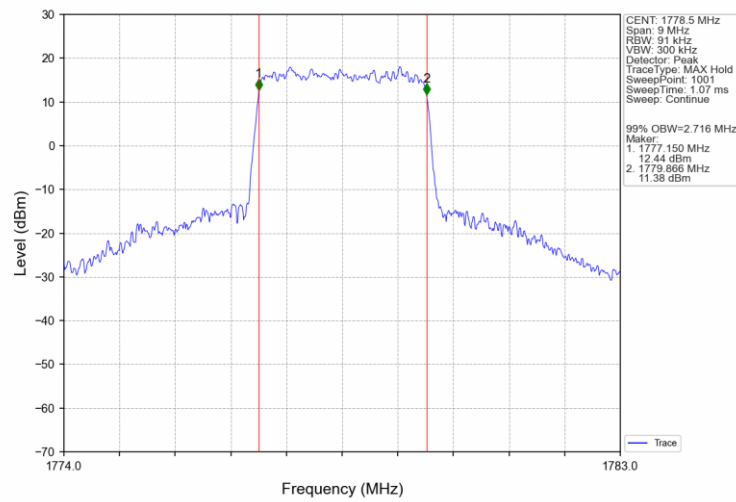
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



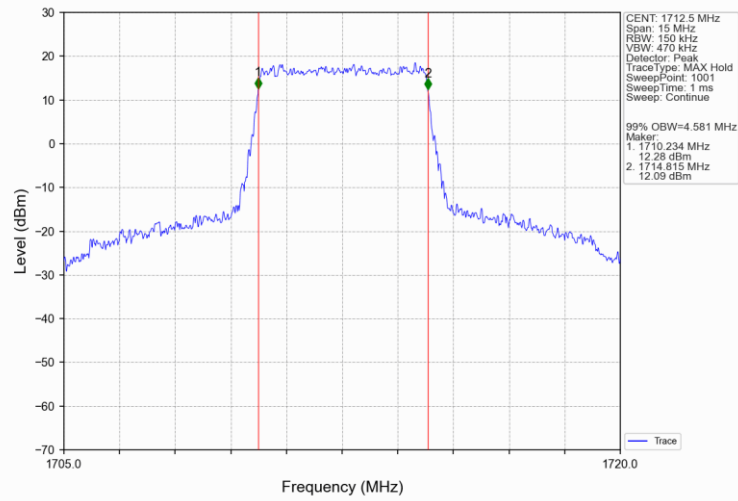
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



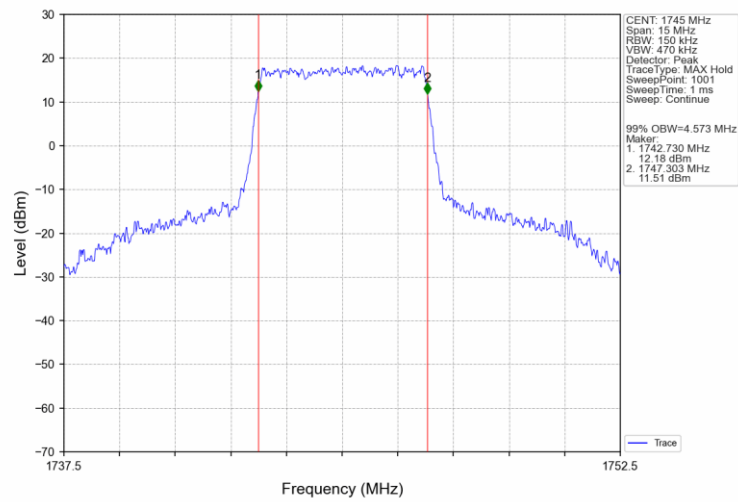
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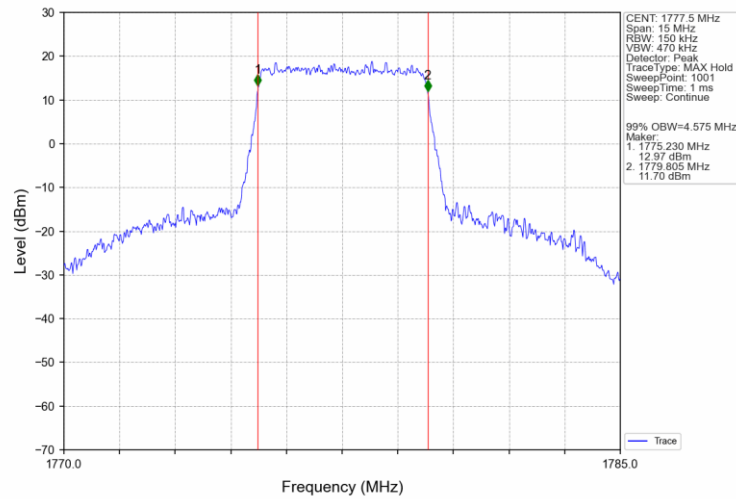
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



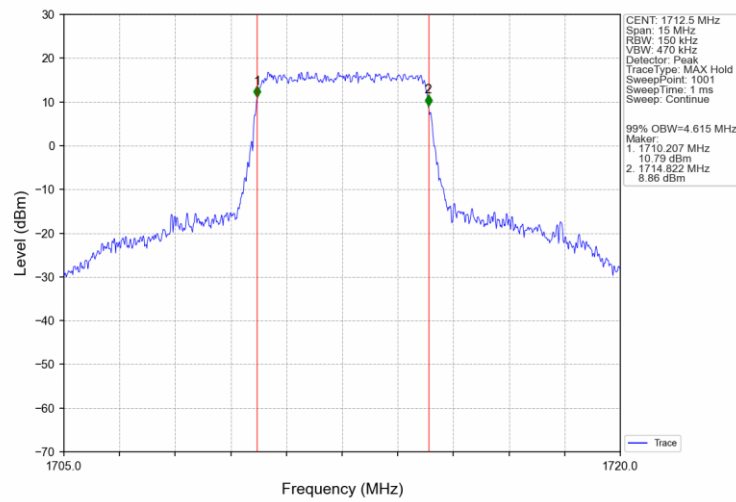
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



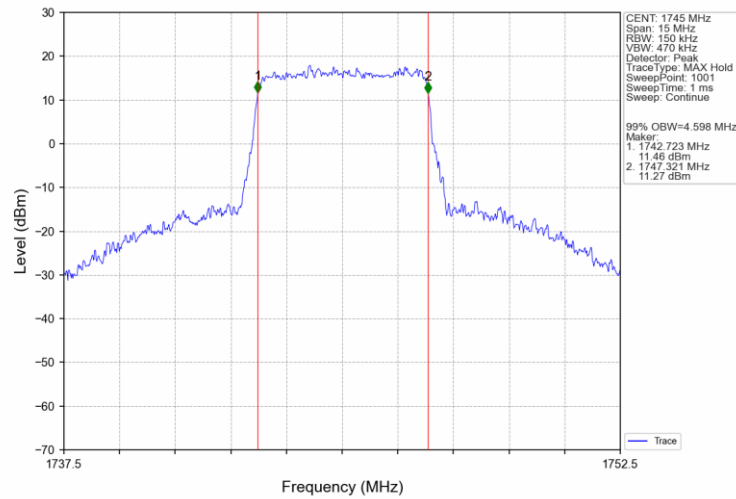
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



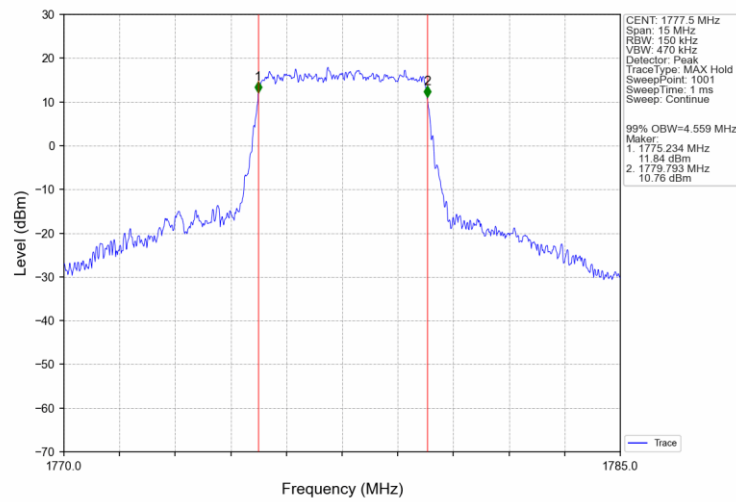
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



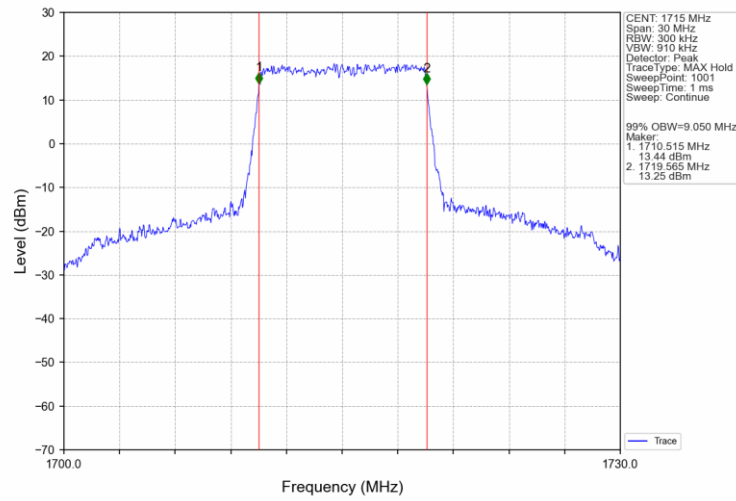
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



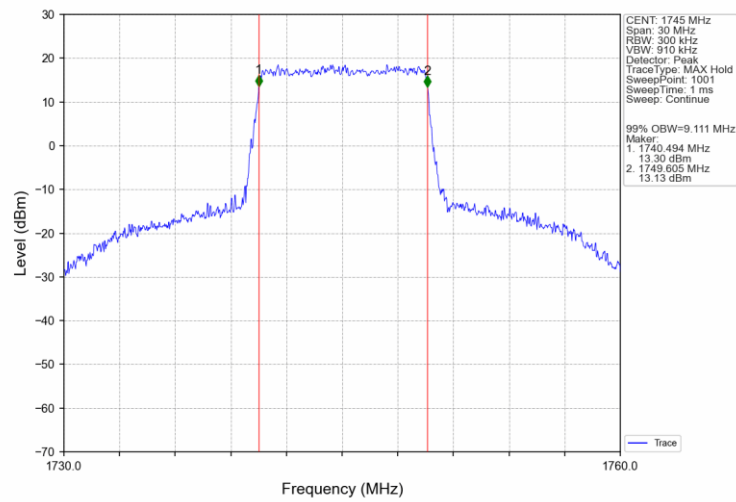
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



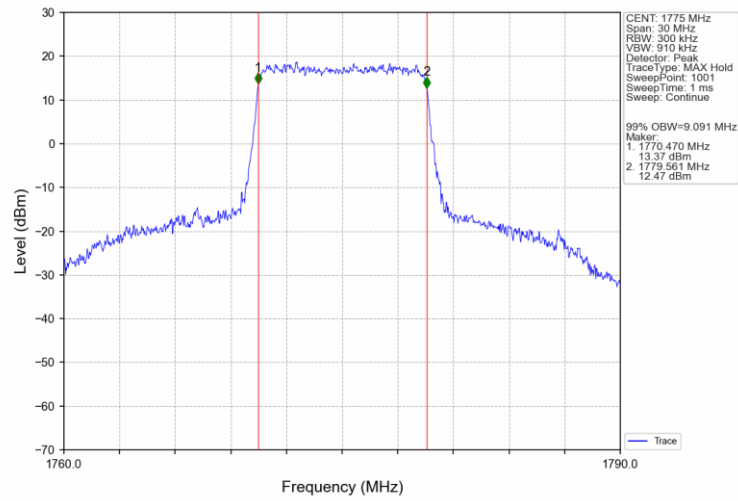
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



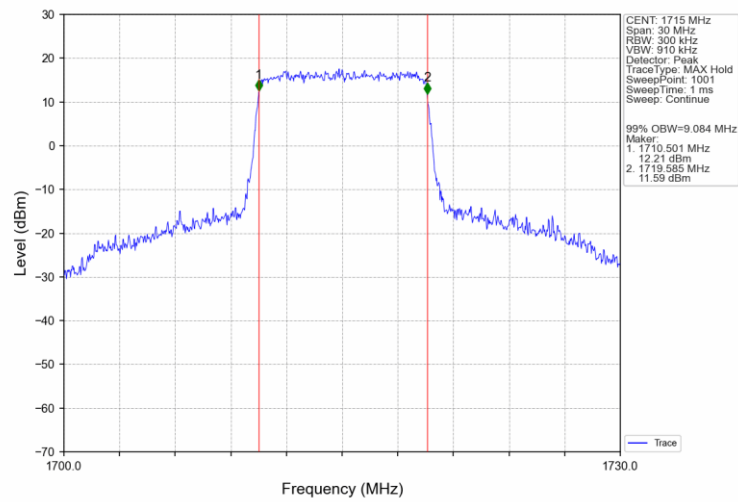
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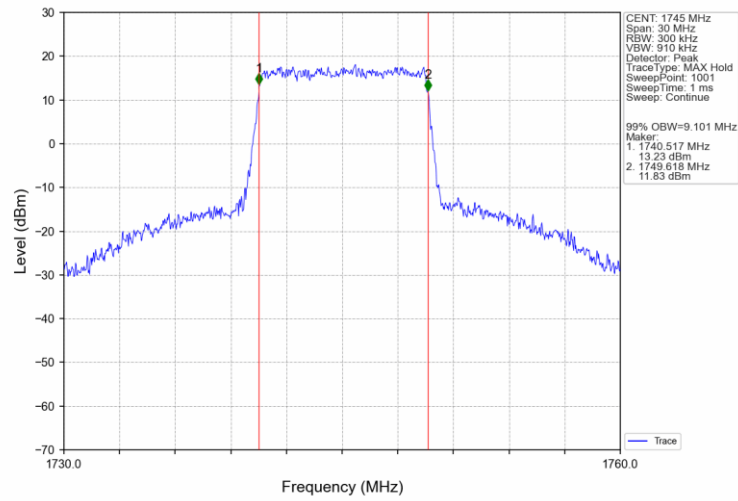
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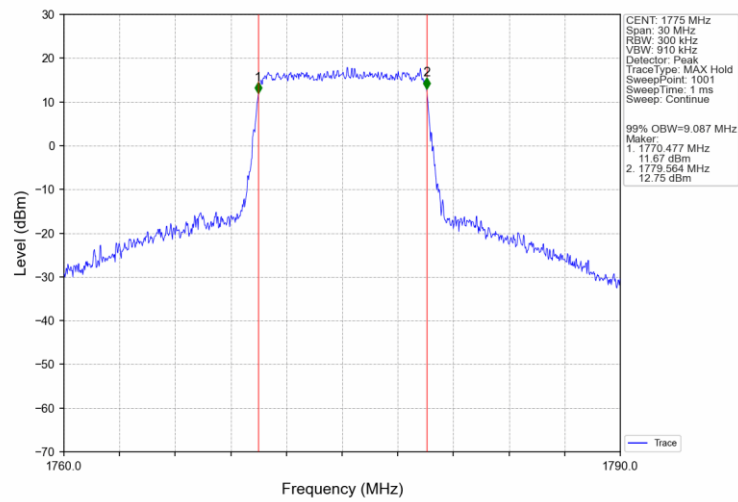
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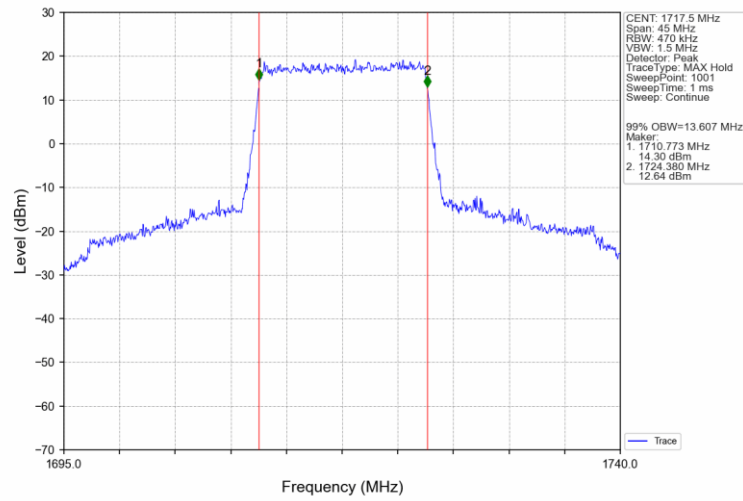
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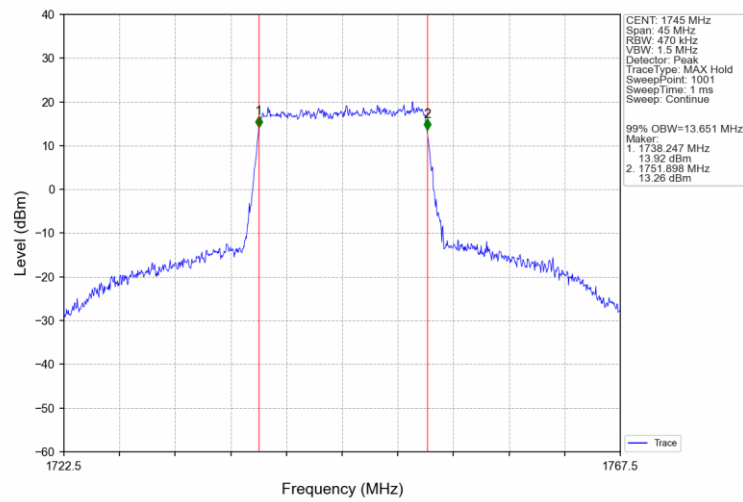
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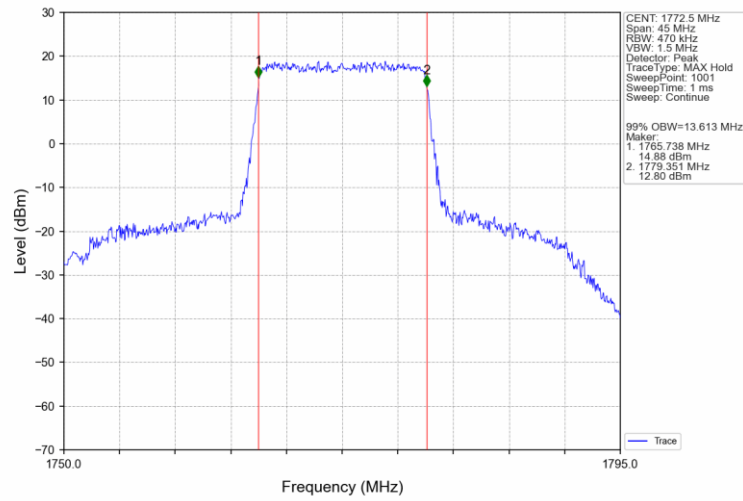
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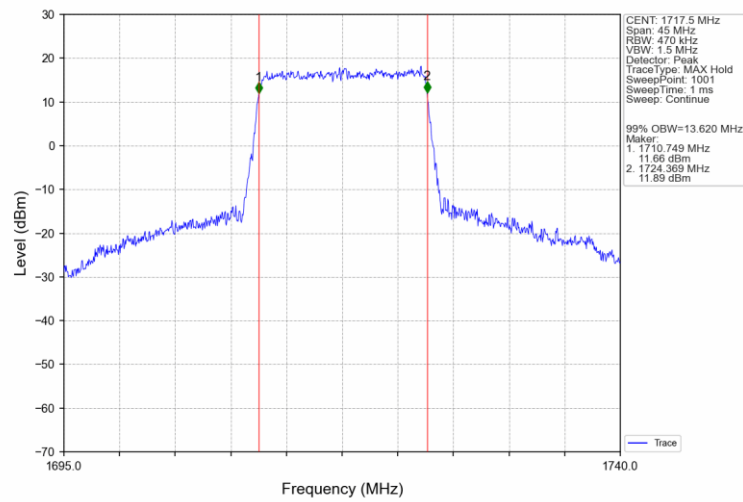
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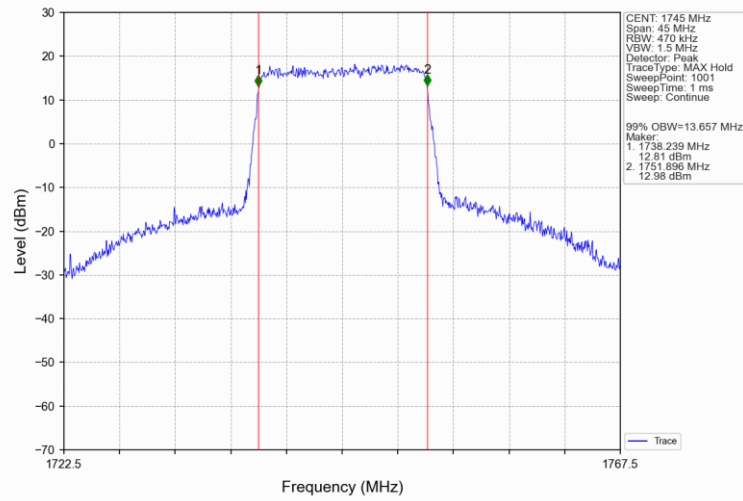
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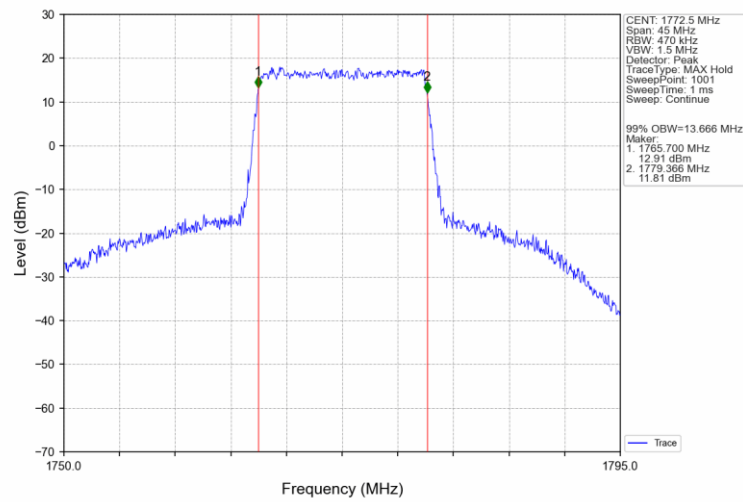
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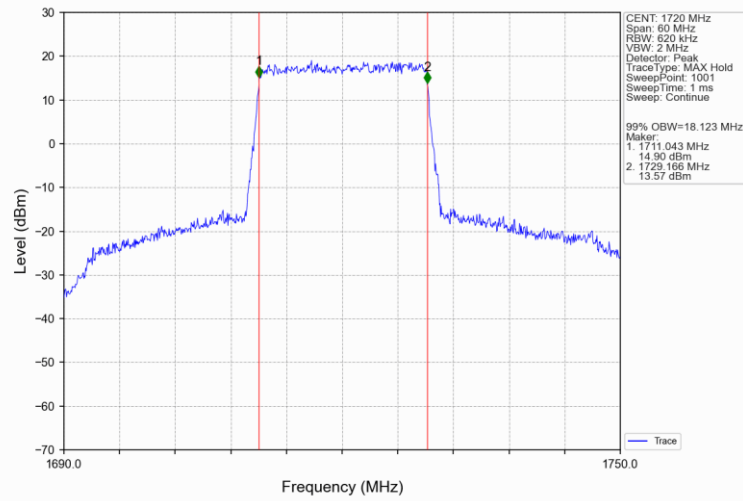
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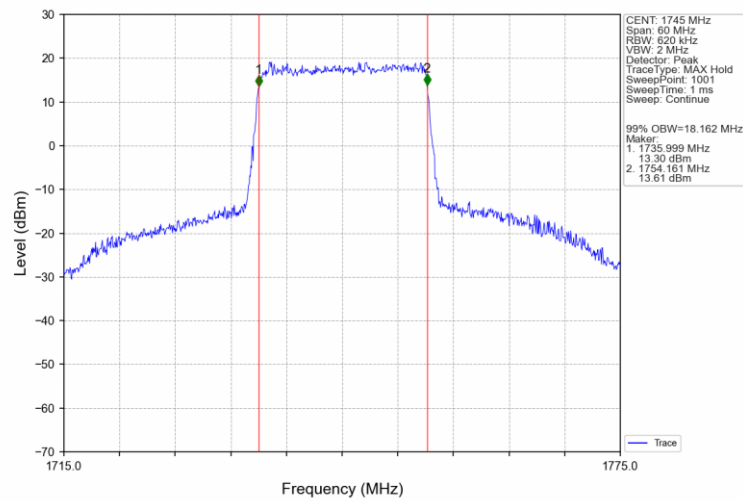
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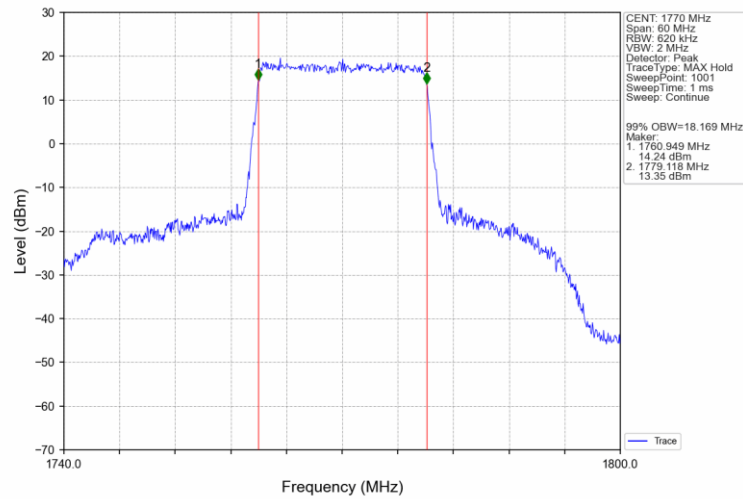
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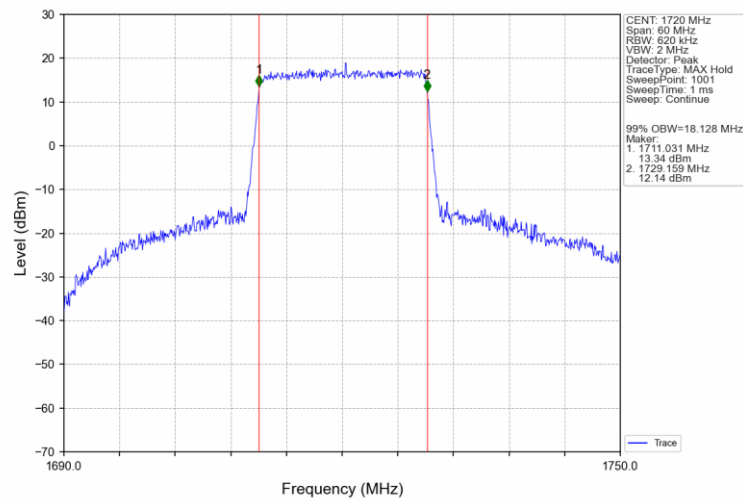
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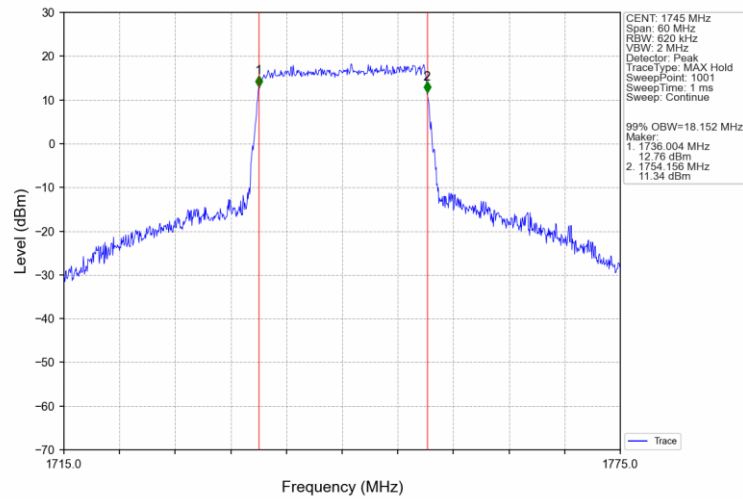
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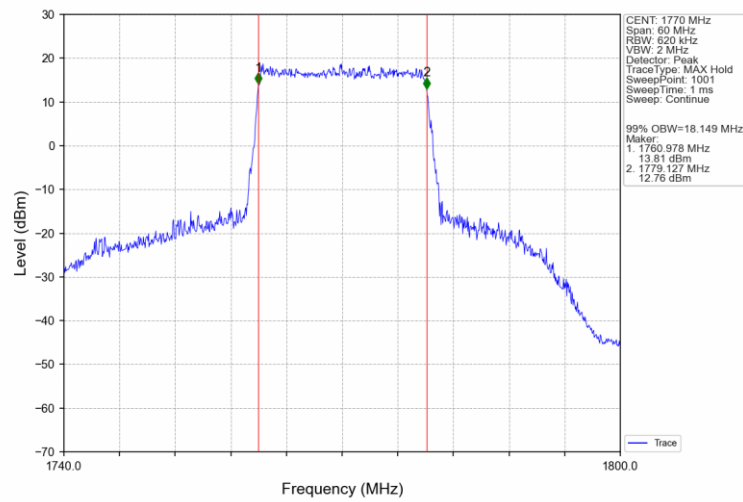
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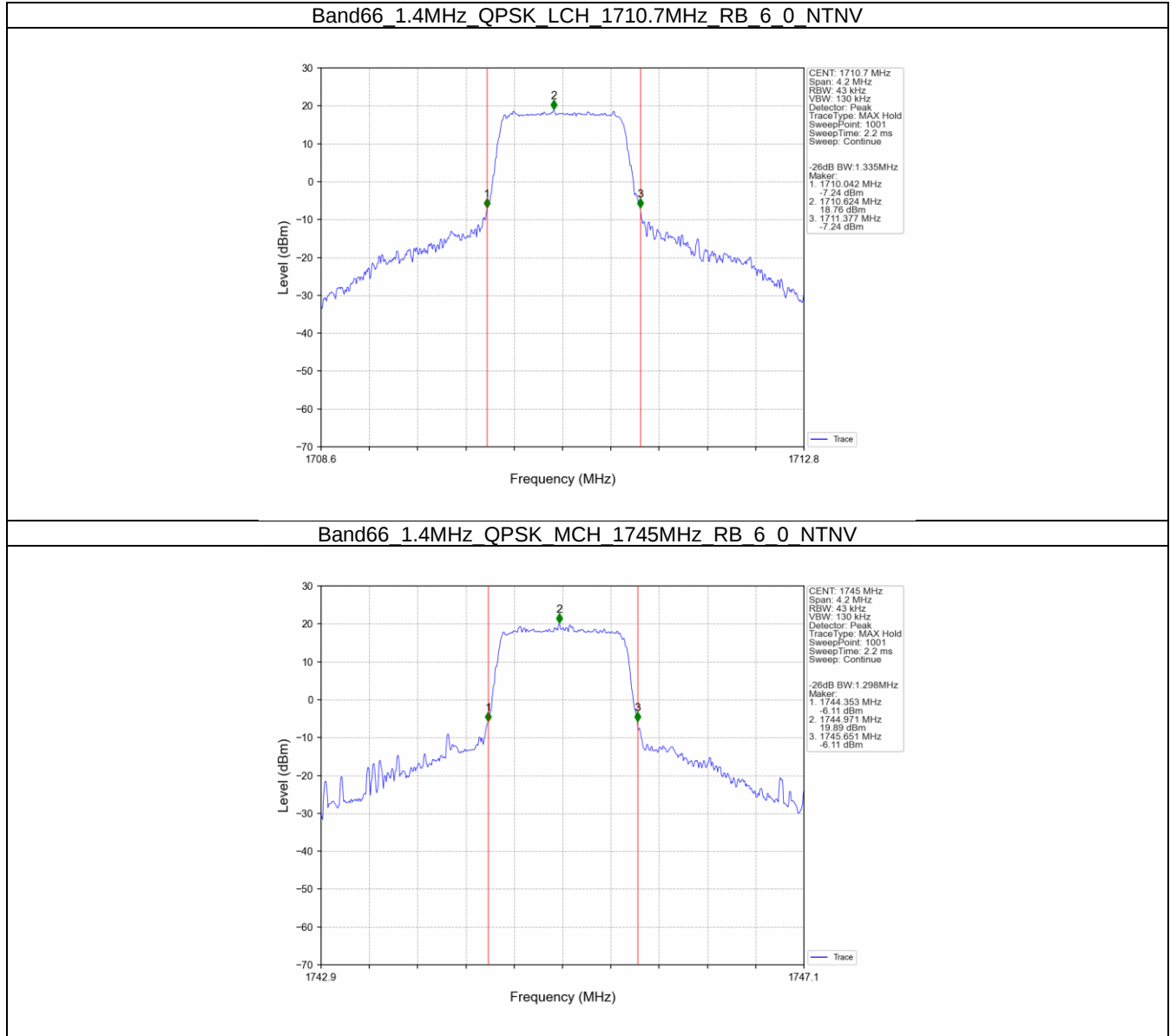
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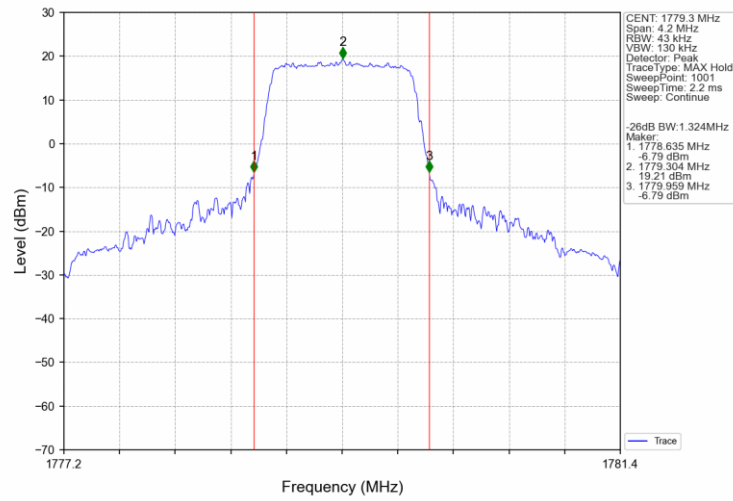
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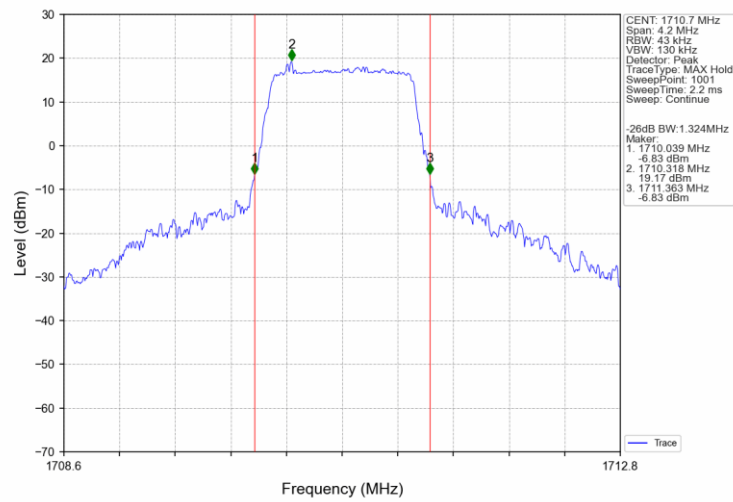
4.2.2 Band66_XDB



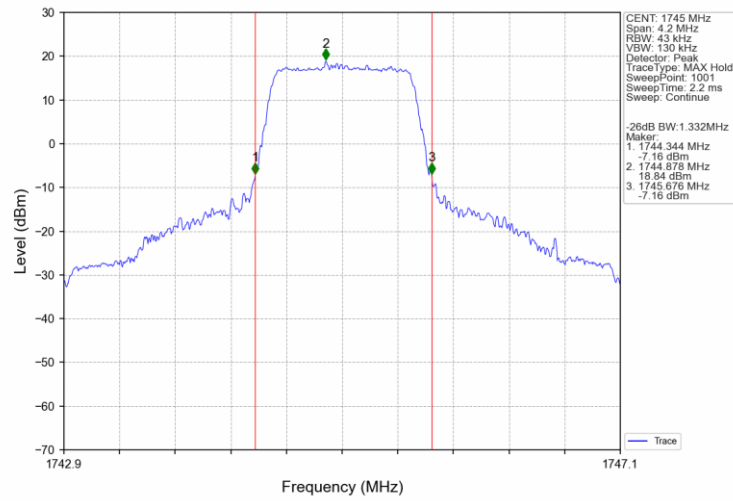
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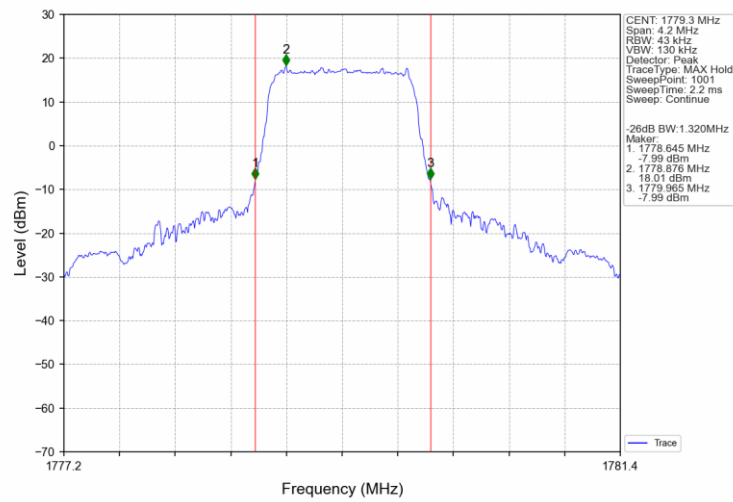
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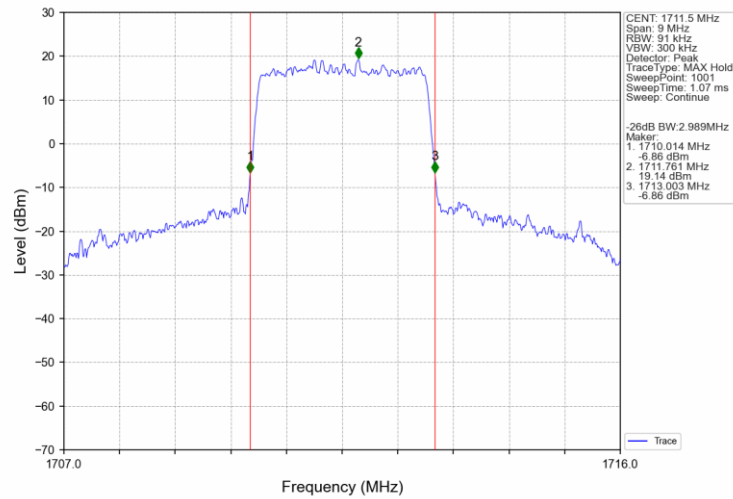
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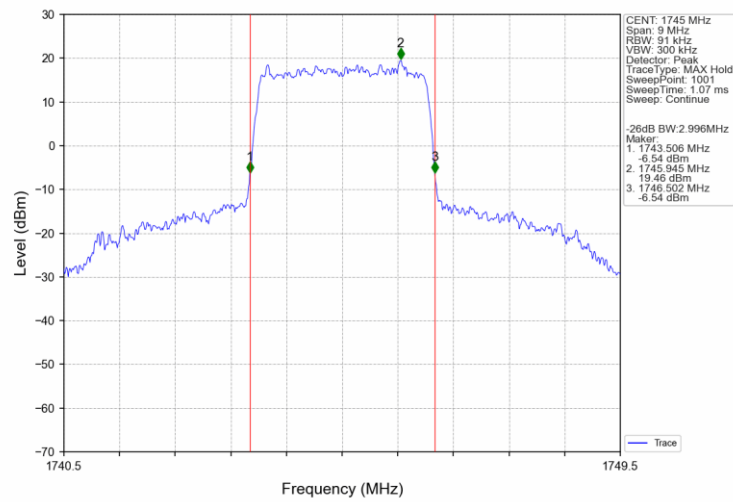
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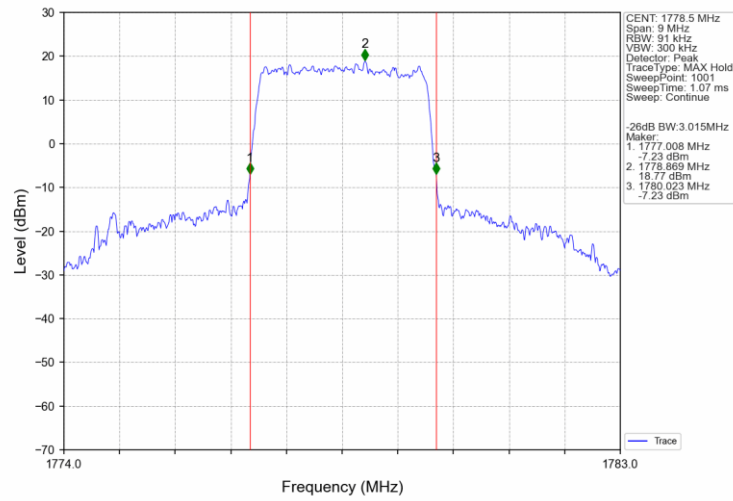
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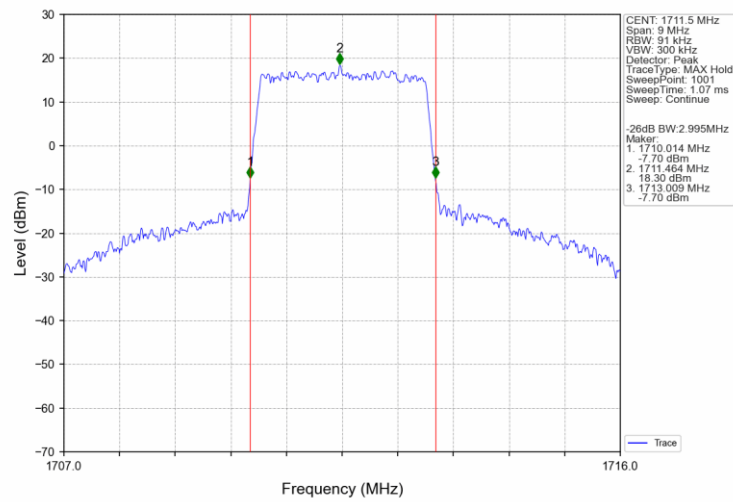
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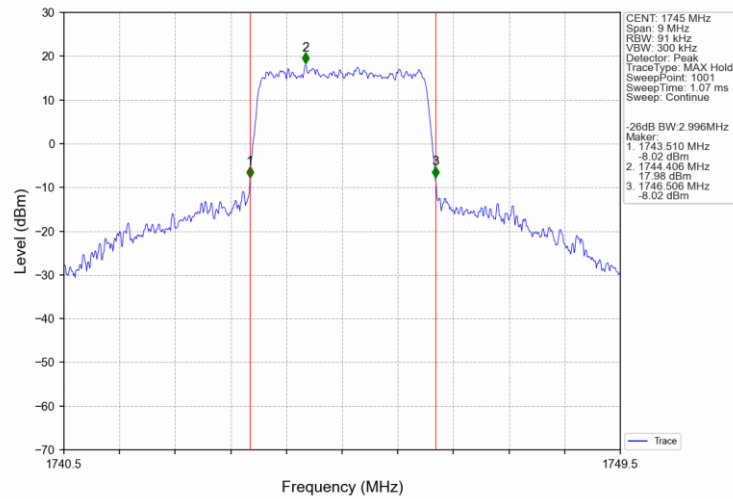
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Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

