

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	22.26	2.04	24.30	<=30	Pass
			2	22.43	2.04	24.47	<=30	Pass
			5	22.26	2.04	24.30	<=30	Pass
		3	0	22.38	2.04	24.42	<=30	Pass
			2	22.43	2.04	24.47	<=30	Pass
			3	22.40	2.04	24.44	<=30	Pass
		6	0	21.34	2.04	23.38	<=30	Pass
	1745	1	0	22.48	2.04	24.52	<=30	Pass
			2	22.63	2.04	24.67	<=30	Pass
			5	22.48	2.04	24.52	<=30	Pass
		3	0	22.31	2.04	24.35	<=30	Pass
			2	22.36	2.04	24.40	<=30	Pass
			3	22.29	2.04	24.33	<=30	Pass
		6	0	21.60	2.04	23.64	<=30	Pass
	1779.3	1	0	22.88	2.04	24.92	<=30	Pass
			2	22.98	2.04	25.02	<=30	Pass
			5	22.84	2.04	24.88	<=30	Pass
		3	0	22.54	2.04	24.58	<=30	Pass
			2	22.60	2.04	24.64	<=30	Pass
			3	22.54	2.04	24.58	<=30	Pass
		6	0	21.92	2.04	23.96	<=30	Pass
16QAM	1710.7	1	0	21.42	2.04	23.46	<=30	Pass
			2	21.52	2.04	23.56	<=30	Pass
			5	21.44	2.04	23.48	<=30	Pass
		3	0	21.31	2.04	23.35	<=30	Pass
			2	21.40	2.04	23.44	<=30	Pass
			3	21.39	2.04	23.43	<=30	Pass
		6	0	20.38	2.04	22.42	<=30	Pass
	1745	1	0	21.25	2.04	23.29	<=30	Pass
			2	21.32	2.04	23.36	<=30	Pass
			5	21.23	2.04	23.27	<=30	Pass
		3	0	21.40	2.04	23.44	<=30	Pass
			2	21.38	2.04	23.42	<=30	Pass
			3	21.34	2.04	23.38	<=30	Pass
		6	0	20.39	2.04	22.43	<=30	Pass
	1779.3	1	0	21.57	2.04	23.61	<=30	Pass
			2	21.68	2.04	23.72	<=30	Pass
			5	21.58	2.04	23.62	<=30	Pass
		3	0	21.41	2.04	23.45	<=30	Pass
			2	21.45	2.04	23.49	<=30	Pass
			3	21.38	2.04	23.42	<=30	Pass
		6	0	20.62	2.04	22.66	<=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	22.39	2.04	24.43	<=30	Pass
			7	22.51	2.04	24.55	<=30	Pass
			14	22.35	2.04	24.39	<=30	Pass
		8	0	21.39	2.04	23.43	<=30	Pass
			4	21.42	2.04	23.46	<=30	Pass
			7	21.38	2.04	23.42	<=30	Pass
		15	0	21.38	2.04	23.42	<=30	Pass
	1745	1	0	22.66	2.04	24.70	<=30	Pass
			7	22.74	2.04	24.78	<=30	Pass
			14	22.63	2.04	24.67	<=30	Pass
		8	0	21.55	2.04	23.59	<=30	Pass
			4	21.59	2.04	23.63	<=30	Pass
			7	21.55	2.04	23.59	<=30	Pass
		15	0	21.41	2.04	23.45	<=30	Pass
	1778.5	1	0	22.81	2.04	24.85	<=30	Pass
			7	22.89	2.04	24.93	<=30	Pass
			14	22.82	2.04	24.86	<=30	Pass
		8	0	21.82	2.04	23.86	<=30	Pass
			4	21.85	2.04	23.89	<=30	Pass
			7	21.79	2.04	23.83	<=30	Pass
		15	0	21.66	2.04	23.70	<=30	Pass
16QAM	1711.5	1	0	21.93	2.04	23.97	<=30	Pass
			7	22.09	2.04	24.13	<=30	Pass
			14	21.92	2.04	23.96	<=30	Pass
		8	0	20.57	2.04	22.61	<=30	Pass
			4	20.62	2.04	22.66	<=30	Pass
			7	20.57	2.04	22.61	<=30	Pass
		15	0	20.49	2.04	22.53	<=30	Pass
	1745	1	0	21.42	2.04	23.46	<=30	Pass
			7	21.50	2.04	23.54	<=30	Pass
			14	21.38	2.04	23.42	<=30	Pass
		8	0	20.43	2.04	22.47	<=30	Pass
			4	20.50	2.04	22.54	<=30	Pass
			7	20.46	2.04	22.50	<=30	Pass
		15	0	20.36	2.04	22.40	<=30	Pass
	1778.5	1	0	21.76	2.04	23.80	<=30	Pass
			7	21.81	2.04	23.85	<=30	Pass
			14	21.75	2.04	23.79	<=30	Pass
		8	0	20.64	2.04	22.68	<=30	Pass
			4	20.65	2.04	22.69	<=30	Pass
			7	20.60	2.04	22.64	<=30	Pass
		15	0	20.50	2.04	22.54	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.30	2.04	24.34	<=30	Pass
			13	22.45	2.04	24.49	<=30	Pass
			24	22.29	2.04	24.33	<=30	Pass
		12	0	21.39	2.04	23.43	<=30	Pass
			6	21.43	2.04	23.47	<=30	Pass

16QAM	1745	25	13	21.38	2.04	23.42	<=30	Pass
			0	21.35	2.04	23.39	<=30	Pass
			25	0	21.35	2.04	23.39	Pass
		1	0	22.44	2.04	24.48	<=30	Pass
			13	22.59	2.04	24.63	<=30	Pass
			24	22.41	2.04	24.45	<=30	Pass
		12	0	21.36	2.04	23.40	<=30	Pass
			6	21.49	2.04	23.53	<=30	Pass
			13	21.43	2.04	23.47	<=30	Pass
	1777.5	25	0	21.33	2.04	23.37	<=30	Pass
			0	22.64	2.04	24.68	<=30	Pass
			13	22.87	2.04	24.91	<=30	Pass
		1	24	22.72	2.04	24.76	<=30	Pass
			0	21.68	2.04	23.72	<=30	Pass
			6	21.72	2.04	23.76	<=30	Pass
		12	13	21.68	2.04	23.72	<=30	Pass
			0	21.61	2.04	23.65	<=30	Pass
			25	0	21.61	2.04	23.65	Pass
16QAM	1712.5	1	0	21.37	2.04	23.41	<=30	Pass
			13	21.55	2.04	23.59	<=30	Pass
			24	21.43	2.04	23.47	<=30	Pass
		12	0	20.41	2.04	22.45	<=30	Pass
			6	20.44	2.04	22.48	<=30	Pass
			13	20.42	2.04	22.46	<=30	Pass
		25	0	20.42	2.04	22.46	<=30	Pass
			0	21.42	2.04	23.46	<=30	Pass
			13	21.58	2.04	23.62	<=30	Pass
	1745	1	24	21.47	2.04	23.51	<=30	Pass
			0	20.28	2.04	22.32	<=30	Pass
			6	20.37	2.04	22.41	<=30	Pass
		12	13	20.35	2.04	22.39	<=30	Pass
			0	20.25	2.04	22.29	<=30	Pass
			25	0	20.25	2.04	22.29	Pass
	1777.5	1	0	21.34	2.04	23.38	<=30	Pass
			13	21.52	2.04	23.56	<=30	Pass
			24	21.42	2.04	23.46	<=30	Pass
		12	0	20.54	2.04	22.58	<=30	Pass
			6	20.59	2.04	22.63	<=30	Pass
			13	20.51	2.04	22.55	<=30	Pass
		25	0	20.54	2.04	22.58	<=30	Pass
			0	20.54	2.04	22.58	<=30	Pass
			25	0	20.54	2.04	22.58	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.37	2.04	24.41	<=30	Pass
			25	22.46	2.04	24.50	<=30	Pass
			49	22.38	2.04	24.42	<=30	Pass
		25	0	21.44	2.04	23.48	<=30	Pass
			13	21.41	2.04	23.45	<=30	Pass
			25	21.37	2.04	23.41	<=30	Pass
		50	0	21.42	2.04	23.46	<=30	Pass
			0	22.53	2.04	24.57	<=30	Pass
			25	22.68	2.04	24.72	<=30	Pass
	1745	1	49	22.49	2.04	24.53	<=30	Pass
			0	21.39	2.04	23.43	<=30	Pass
			13	21.43	2.04	23.47	<=30	Pass
		25	25	21.46	2.04	23.50	<=30	Pass
			0	21.36	2.04	23.40	<=30	Pass
		50	0	21.36	2.04	23.40	<=30	Pass

	1775	1	0	22.60	2.04	24.64	<=30	Pass		
			25	22.93	2.04	24.97	<=30	Pass		
			49	22.85	2.04	24.89	<=30	Pass		
		25	0	21.69	2.04	23.73	<=30	Pass		
			13	21.62	2.04	23.66	<=30	Pass		
			25	21.63	2.04	23.67	<=30	Pass		
		50	0	21.60	2.04	23.64	<=30	Pass		
		16QAM	1715	1	0	21.34	2.04	23.38	<=30	Pass
					25	21.57	2.04	23.61	<=30	Pass
49	21.39				2.04	23.43	<=30	Pass		
25	0			20.58	2.04	22.62	<=30	Pass		
	13			20.56	2.04	22.60	<=30	Pass		
	25			20.51	2.04	22.55	<=30	Pass		
50	0			20.51	2.04	22.55	<=30	Pass		
1745	1		0	21.48	2.04	23.52	<=30	Pass		
			25	21.57	2.04	23.61	<=30	Pass		
			49	21.48	2.04	23.52	<=30	Pass		
	25		0	20.31	2.04	22.35	<=30	Pass		
			13	20.35	2.04	22.39	<=30	Pass		
			25	20.40	2.04	22.44	<=30	Pass		
	50		0	20.31	2.04	22.35	<=30	Pass		
1775	1		0	22.02	2.04	24.06	<=30	Pass		
			25	22.15	2.04	24.19	<=30	Pass		
			49	21.90	2.04	23.94	<=30	Pass		
	25		0	20.72	2.04	22.76	<=30	Pass		
			13	20.61	2.04	22.65	<=30	Pass		
		25	20.57	2.04	22.61	<=30	Pass			
	50	0	20.60	2.04	22.64	<=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	22.28	2.04	24.32	<=30	Pass
			38	22.40	2.04	24.44	<=30	Pass
			74	22.29	2.04	24.33	<=30	Pass
		36	0	21.47	2.04	23.51	<=30	Pass
			18	21.49	2.04	23.53	<=30	Pass
			39	21.45	2.04	23.49	<=30	Pass
		75	0	21.46	2.04	23.50	<=30	Pass
	1745	1	0	22.56	2.04	24.60	<=30	Pass
			38	22.62	2.04	24.66	<=30	Pass
			74	22.43	2.04	24.47	<=30	Pass
		36	0	21.63	2.04	23.67	<=30	Pass
			18	21.68	2.04	23.72	<=30	Pass
			39	21.72	2.04	23.76	<=30	Pass
		75	0	21.62	2.04	23.66	<=30	Pass
	1772.5	1	0	22.49	2.04	24.53	<=30	Pass
			38	22.73	2.04	24.77	<=30	Pass
			74	22.75	2.04	24.79	<=30	Pass
		36	0	21.75	2.04	23.79	<=30	Pass
			18	21.83	2.04	23.87	<=30	Pass
			39	21.93	2.04	23.97	<=30	Pass
		75	0	21.83	2.04	23.87	<=30	Pass
16QAM	1717.5	1	0	21.86	2.04	23.90	<=30	Pass
			38	21.99	2.04	24.03	<=30	Pass

			74	21.89	2.04	23.93	<=30	Pass
		36	0	20.52	2.04	22.56	<=30	Pass
			18	20.52	2.04	22.56	<=30	Pass
			39	20.48	2.04	22.52	<=30	Pass
		75	0	20.49	2.04	22.53	<=30	Pass
	1745	1	0	21.52	2.04	23.56	<=30	Pass
			38	21.57	2.04	23.61	<=30	Pass
			74	21.53	2.04	23.57	<=30	Pass
		36	0	20.43	2.04	22.47	<=30	Pass
			18	20.46	2.04	22.50	<=30	Pass
			39	20.53	2.04	22.57	<=30	Pass
		75	0	20.48	2.04	22.52	<=30	Pass
	1772.5	1	0	21.68	2.04	23.72	<=30	Pass
			38	21.77	2.04	23.81	<=30	Pass
			74	21.67	2.04	23.71	<=30	Pass
		36	0	20.74	2.04	22.78	<=30	Pass
			18	20.74	2.04	22.78	<=30	Pass
			39	20.74	2.04	22.78	<=30	Pass
		75	0	20.76	2.04	22.80	<=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	22.10	2.04	24.14	<=30	Pass	
			50	22.53	2.04	24.57	<=30	Pass	
			99	22.16	2.04	24.20	<=30	Pass	
		50	0	21.45	2.04	23.49	<=30	Pass	
			25	21.40	2.04	23.44	<=30	Pass	
			50	21.26	2.04	23.30	<=30	Pass	
		100	0	21.39	2.04	23.43	<=30	Pass	
		1745	1	0	22.27	2.04	24.31	<=30	Pass
				50	22.64	2.04	24.68	<=30	Pass
				99	22.26	2.04	24.30	<=30	Pass
			50	0	21.30	2.04	23.34	<=30	Pass
				25	21.36	2.04	23.40	<=30	Pass
	50			21.48	2.04	23.52	<=30	Pass	
	100		0	21.39	2.04	23.43	<=30	Pass	
	1770		1	0	22.27	2.04	24.31	<=30	Pass
				50	22.76	2.04	24.80	<=30	Pass
				99	22.59	2.04	24.63	<=30	Pass
		50	0	21.69	2.04	23.73	<=30	Pass	
			25	21.64	2.04	23.68	<=30	Pass	
			50	21.48	2.04	23.52	<=30	Pass	
		100	0	21.63	2.04	23.67	<=30	Pass	
	16QAM	1720	1	0	21.40	2.04	23.44	<=30	Pass
				50	21.81	2.04	23.85	<=30	Pass
				99	21.39	2.04	23.43	<=30	Pass
			50	0	20.49	2.04	22.53	<=30	Pass
				25	20.44	2.04	22.48	<=30	Pass
50				20.30	2.04	22.34	<=30	Pass	
100			0	20.46	2.04	22.50	<=30	Pass	
1745			1	0	21.53	2.04	23.57	<=30	Pass
				50	21.84	2.04	23.88	<=30	Pass
		99		21.65	2.04	23.69	<=30	Pass	
		50	0	20.23	2.04	22.27	<=30	Pass	

		100	25	20.28	2.04	22.32	<=30	Pass
			50	20.43	2.04	22.47	<=30	Pass
			0	20.33	2.04	22.37	<=30	Pass
	1770	1	0	21.47	2.04	23.51	<=30	Pass
			50	21.85	2.04	23.89	<=30	Pass
			99	21.46	2.04	23.50	<=30	Pass
		50	0	20.74	2.04	22.78	<=30	Pass
			25	20.66	2.04	22.70	<=30	Pass
			50	20.52	2.04	22.56	<=30	Pass
		100	0	20.68	2.04	22.72	<=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	-5.178	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0022	-2.5 to 2.5	Pass
					4.43	-9.441	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-7.181	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-8.812	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-8.755	-0.0051	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-9.069	-0.0052	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-7.052	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-8.597	-0.0048	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-9.556	-0.0056	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0037	-2.5 to 2.5	Pass

					4.43	-3.304	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-5.736	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-7.510	-0.0044	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-2.847	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
					4.43	-6.180	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-8.240	-0.0046	-2.5 to 2.5	Pass
					3.85	-10.629	-0.0060	-2.5 to 2.5	Pass
					4.43	-8.497	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-7.281	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-6.866	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-7.024	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.638	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0017	-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	-12.717	-0.0074	-2.5 to 2.5	Pass
					3.85	-5.908	-0.0035	-2.5 to 2.5	Pass
					4.43	-6.409	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.905	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-7.882	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-7.153	-0.0041	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
					4.43	-7.052	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-7.095	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-4.950	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass

	1778.5	15	0	50	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				20	3.27	-5.193	-0.0029	-2.5 to 2.5	Pass
					3.85	-12.174	-0.0068	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-12.102	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-3.877	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-8.469	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0041	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	40	3.85	-9.341	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				20	3.27	-7.539	-0.0044	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-9.799	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-10.185	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
	1745	15	0	30	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-8.597	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-3.877	-0.0023	-2.5 to 2.5	Pass
				20	3.27	-3.762	-0.0022	-2.5 to 2.5	Pass
					3.85	0.873	0.0005	-2.5 to 2.5	Pass
					4.43	-2.232	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass
	1778.5	15	0	10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				20	3.27	-5.150	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.668	-0.0043	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.995	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.193	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-7.653	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-8.240	-0.0046	-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	-9.084	-0.0053	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
					4.43	3.519	0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass

				10	3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-5.279	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-7.696	-0.0044	-2.5 to 2.5	Pass
					3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				40	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				20	3.27	-9.456	-0.0053	-2.5 to 2.5	Pass
					3.85	2.346	0.0013	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				0	3.85	-6.065	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.479	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-3.548	-0.0021	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				10	3.85	0.429	0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-1.302	-0.0007	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
					4.43	-2.232	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-9.069	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-5.422	-0.0031	-2.5 to 2.5	Pass
					3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
					4.43	-6.022	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.649	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.163	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-9.184	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-9.971	-0.0058	-2.5 to 2.5	Pass
					3.85	-10.629	-0.0062	-2.5 to 2.5	Pass
					4.43	-8.240	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-8.569	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-7.167	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-6.437	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.210	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.652	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-6.194	-0.0036	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-6.523	-0.0037	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
					4.43	-8.869	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-7.439	-0.0042	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.588	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-7.124	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-9.270	-0.0054	-2.5 to 2.5	Pass
					3.85	-8.254	-0.0048	-2.5 to 2.5	Pass
					4.43	-7.253	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-10.200	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-8.826	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-9.327	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	-0.873	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.290	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass

	1775	50	0	30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				20	3.27	-3.834	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.293	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.619	-0.0020	-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	-7.195	-0.0042	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-5.422	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
	1745	75	0	50	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				20	3.27	-3.662	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
	1772.5	75	0	40	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				20	3.27	-8.211	-0.0046	-2.5 to 2.5	Pass
					3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.778	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass

				-10	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	-2.518	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
					4.43	-6.323	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-10.171	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-6.280	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	-6.294	-0.0036	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
					4.43	1.745	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-4.821	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0008	-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	-6.495	-0.0038	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-7.224	-0.0042	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.533	-0.0020	-2.5 to 2.5	Pass
					3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.593	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.964	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.749	-0.0027	-2.5 to 2.5	Pass

					4.43	-7.882	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-7.024	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.522	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-6.309	-0.0037	-2.5 to 2.5	Pass
					3.85	-8.011	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.636	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-10.228	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-7.768	-0.0045	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.689	-0.0015	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
					4.43	-6.666	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-4.778	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-4.206	-0.0024	-2.5 to 2.5	Pass
					3.85	-7.625	-0.0043	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.895	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-3.920	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-4.864	-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 / NTV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		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 / NTV						
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 / NTVN						
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

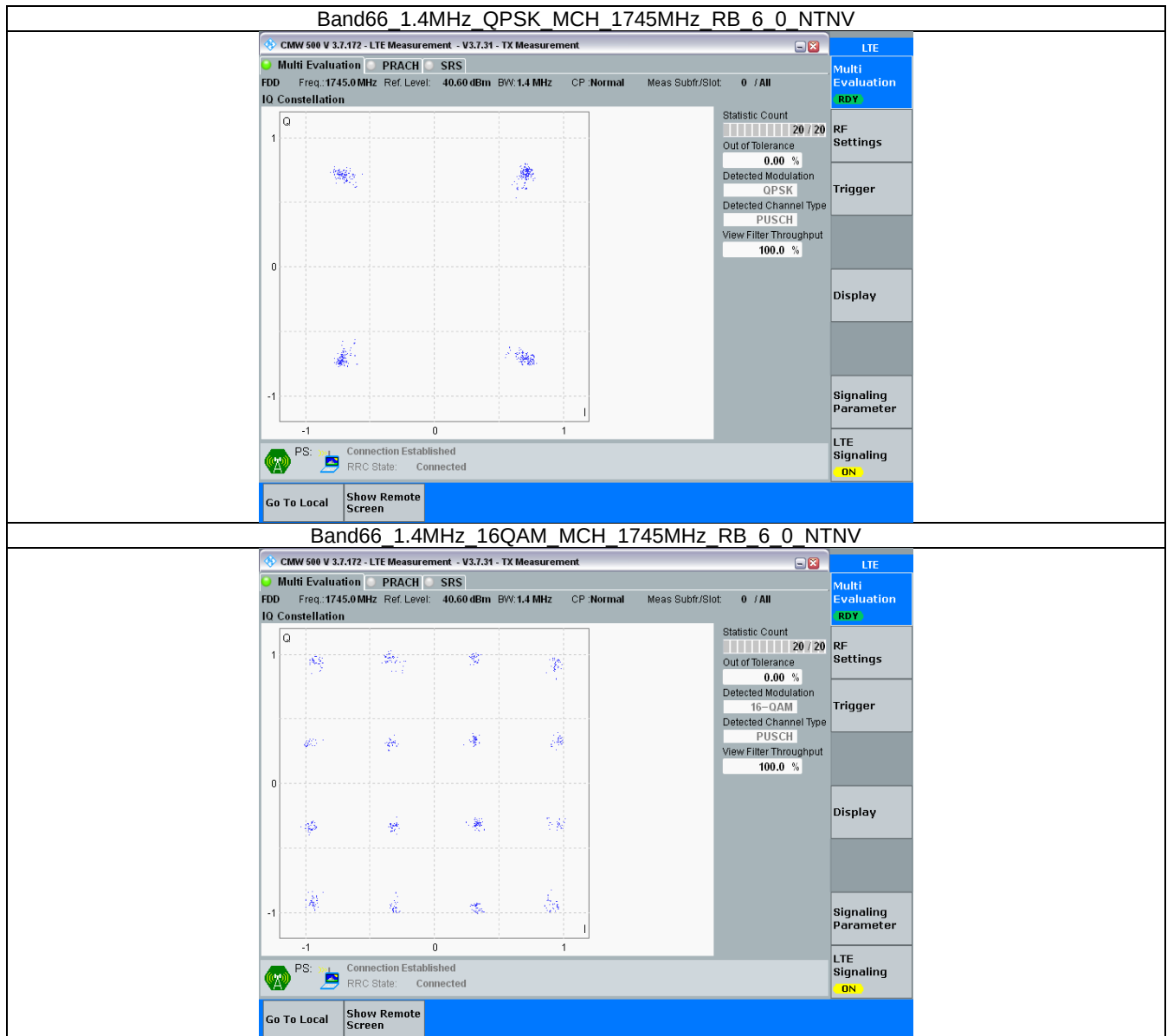
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

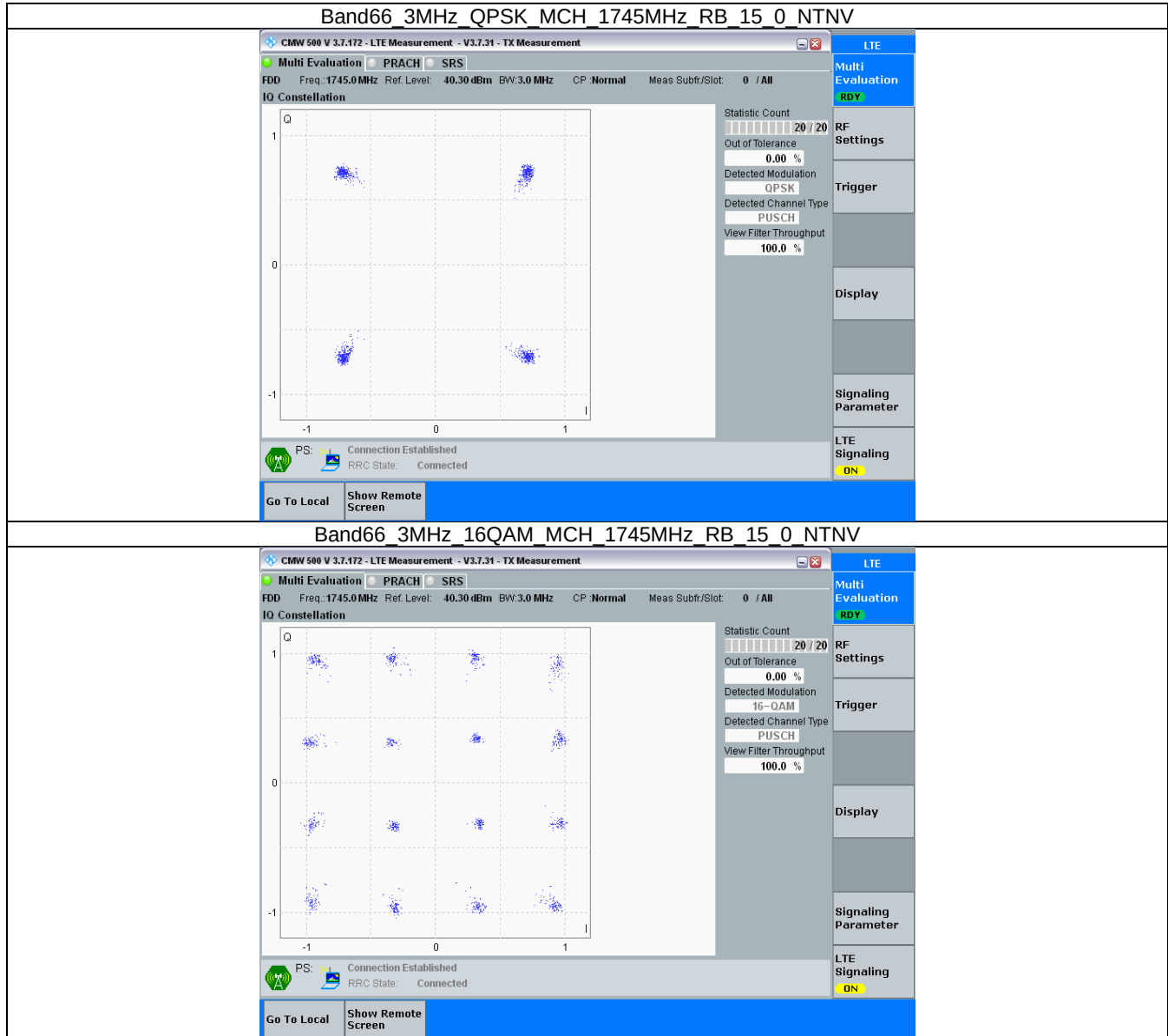
Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

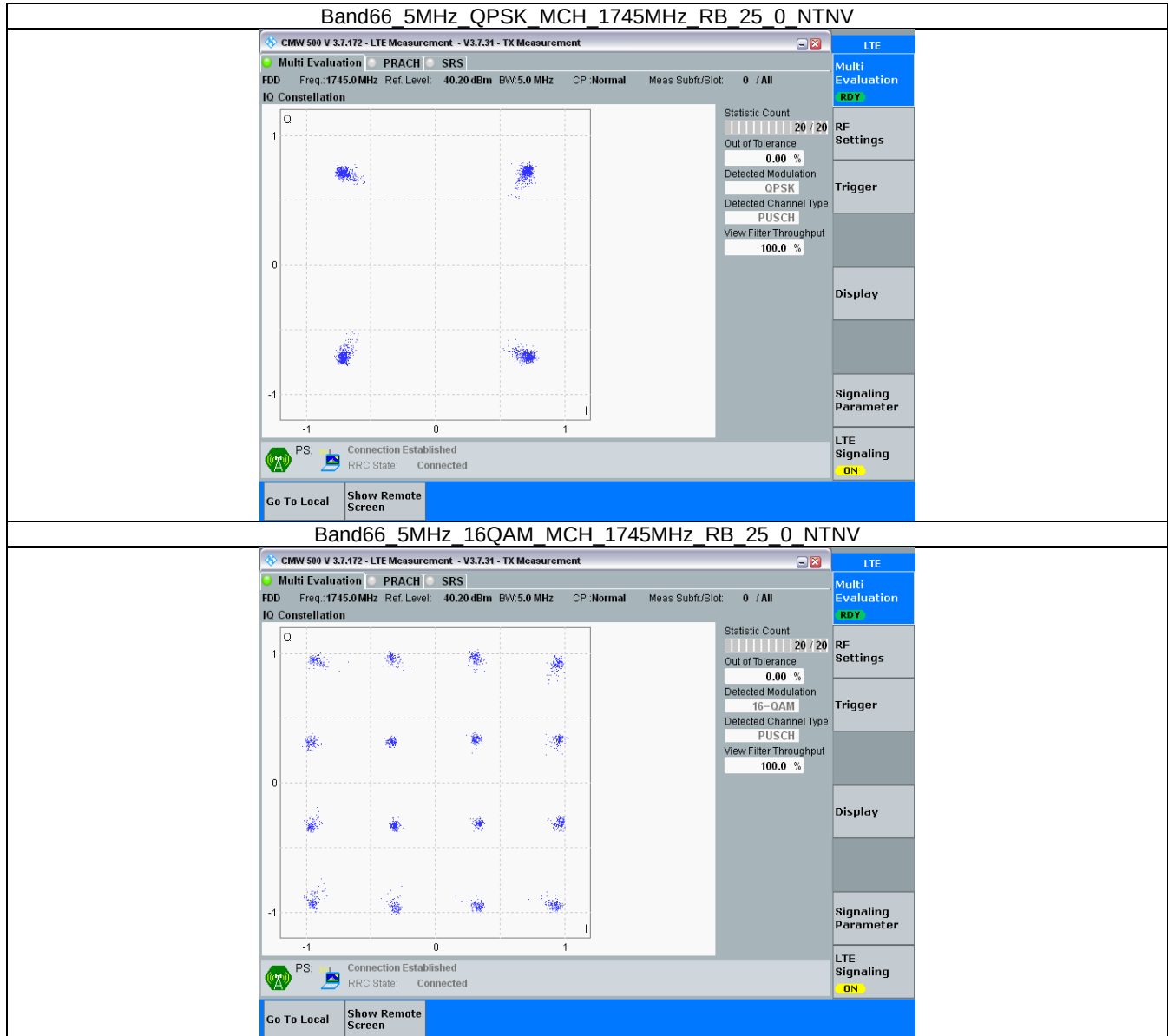
3.2.1 B66_1.4MHz



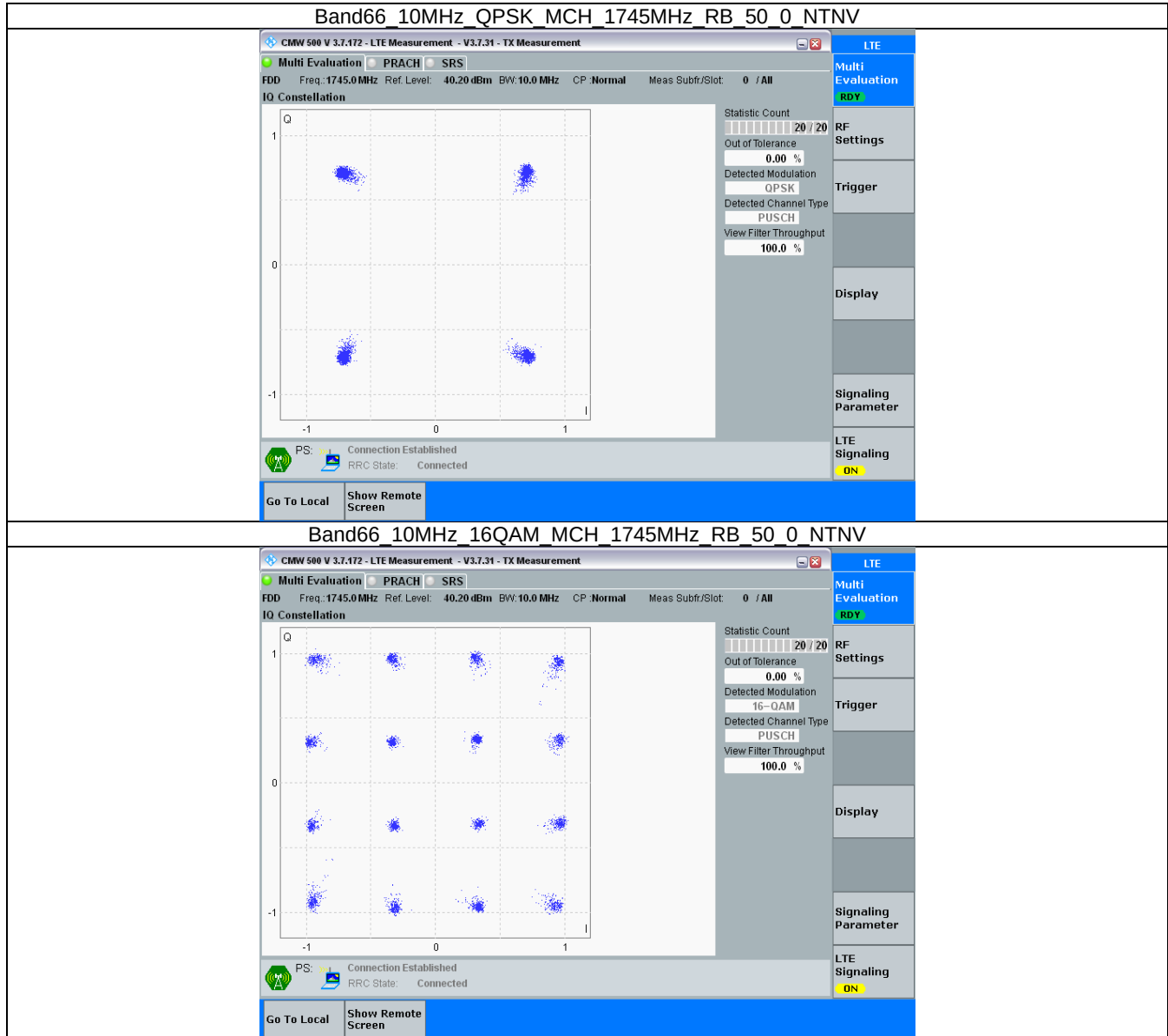
3.2.2 B66_3MHz



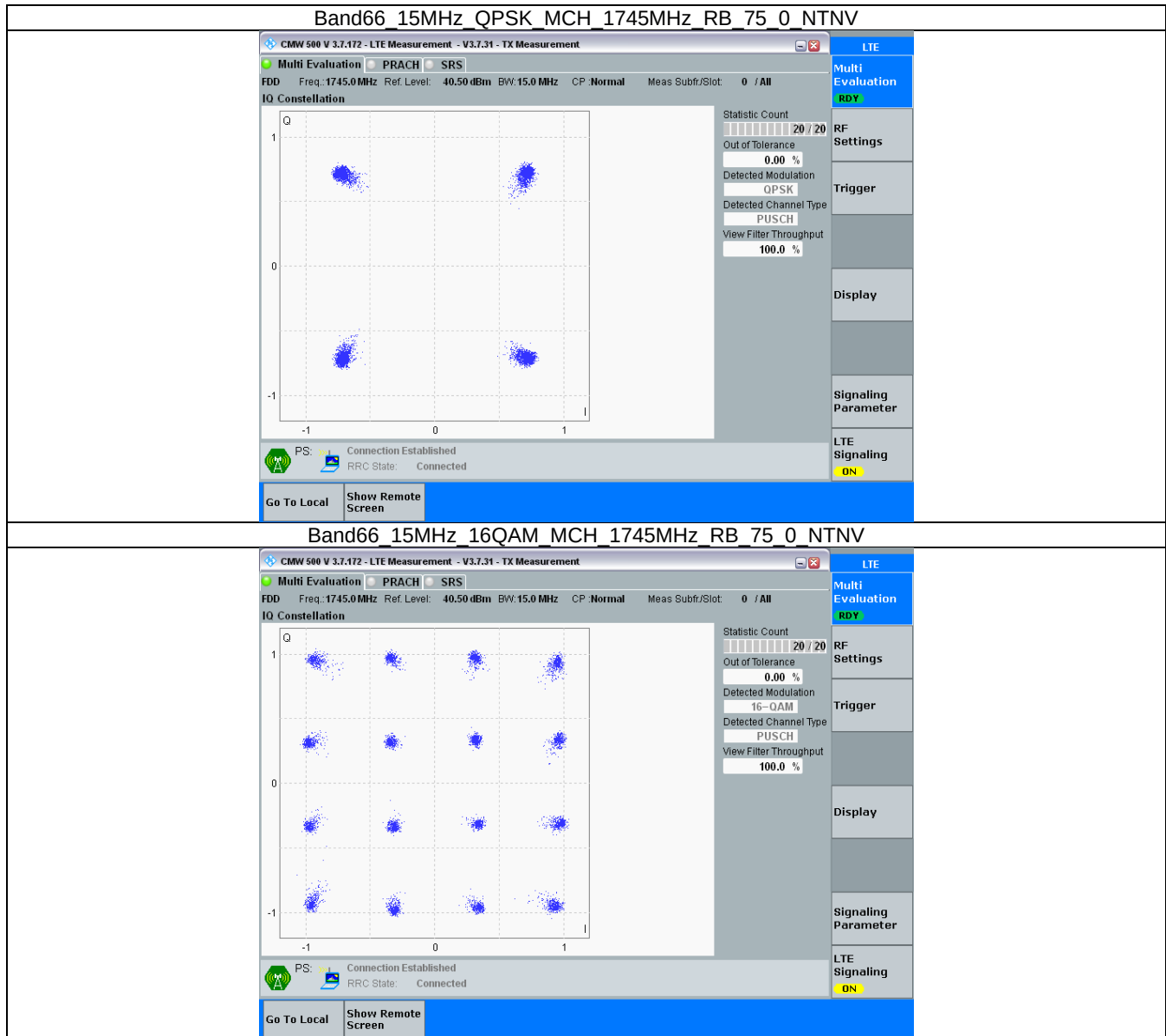
3.2.3 B66_5MHz



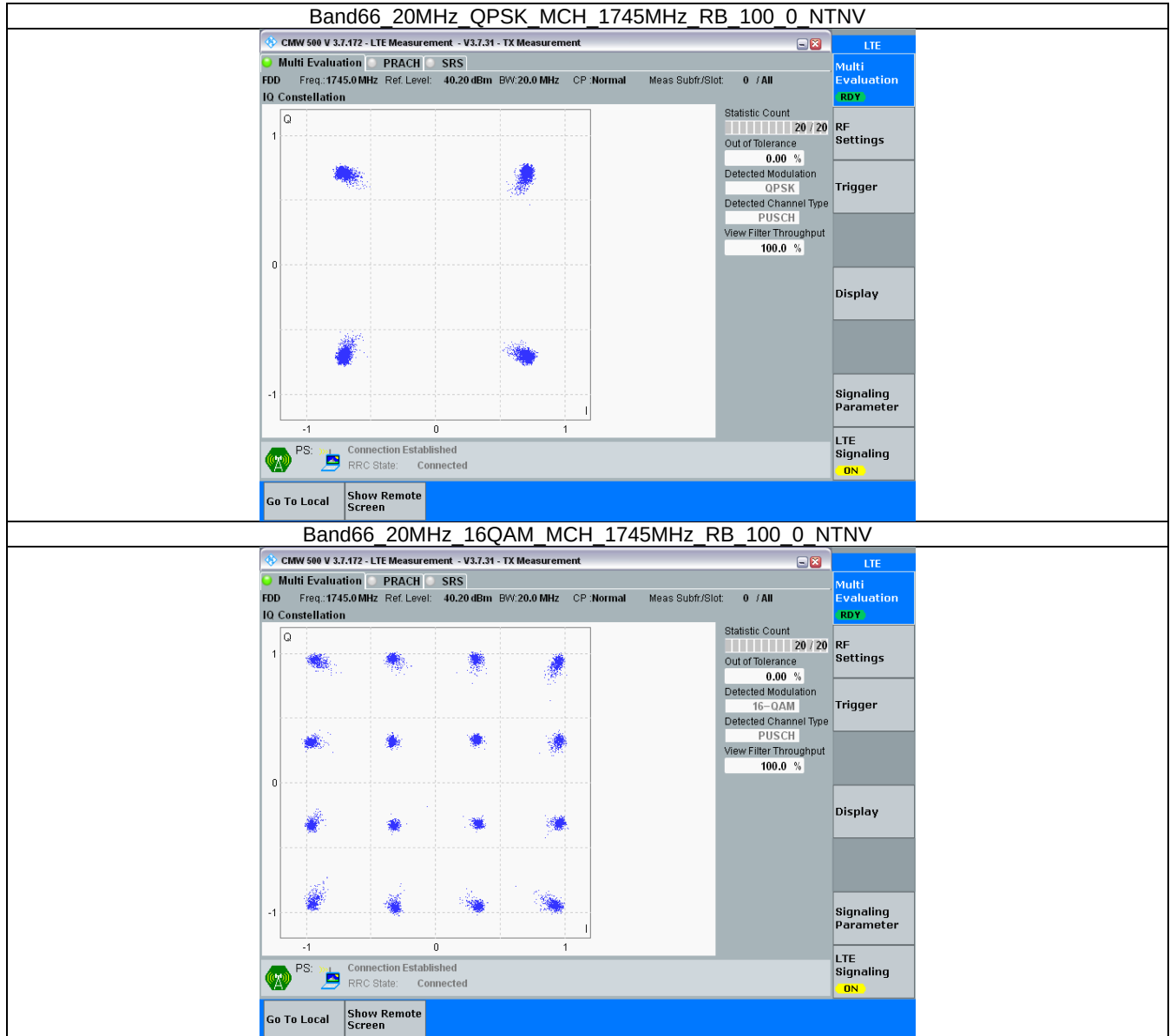
3.2.4 B66_10MHz



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	1.109	/	Pass
		1745	6	0	1.131	/	Pass
		1779.3	6	0	1.152	/	Pass
	16QAM	1710.7	6	0	1.110	/	Pass
		1745	6	0	1.117	/	Pass
		1779.3	6	0	1.128	/	Pass
3	QPSK	1711.5	15	0	2.713	/	Pass
		1745	15	0	2.751	/	Pass
		1778.5	15	0	2.748	/	Pass
	16QAM	1711.5	15	0	2.724	/	Pass
		1745	15	0	2.735	/	Pass
		1778.5	15	0	2.746	/	Pass
5	QPSK	1712.5	25	0	4.585	/	Pass
		1745	25	0	4.597	/	Pass
		1777.5	25	0	4.604	/	Pass
	16QAM	1712.5	25	0	4.563	/	Pass
		1745	25	0	4.639	/	Pass
		1777.5	25	0	4.626	/	Pass
10	QPSK	1715	50	0	9.060	/	Pass
		1745	50	0	9.155	/	Pass
		1775	50	0	9.142	/	Pass
	16QAM	1715	50	0	9.063	/	Pass
		1745	50	0	9.122	/	Pass
		1775	50	0	9.118	/	Pass
15	QPSK	1717.5	75	0	13.589	/	Pass
		1745	75	0	13.792	/	Pass
		1772.5	75	0	13.662	/	Pass
	16QAM	1717.5	75	0	13.609	/	Pass
		1745	75	0	13.725	/	Pass
		1772.5	75	0	13.662	/	Pass
20	QPSK	1720	100	0	18.153	/	Pass
		1745	100	0	18.276	/	Pass
		1770	100	0	18.120	/	Pass
	16QAM	1720	100	0	18.185	/	Pass
		1745	100	0	18.240	/	Pass
		1770	100	0	18.149	/	Pass

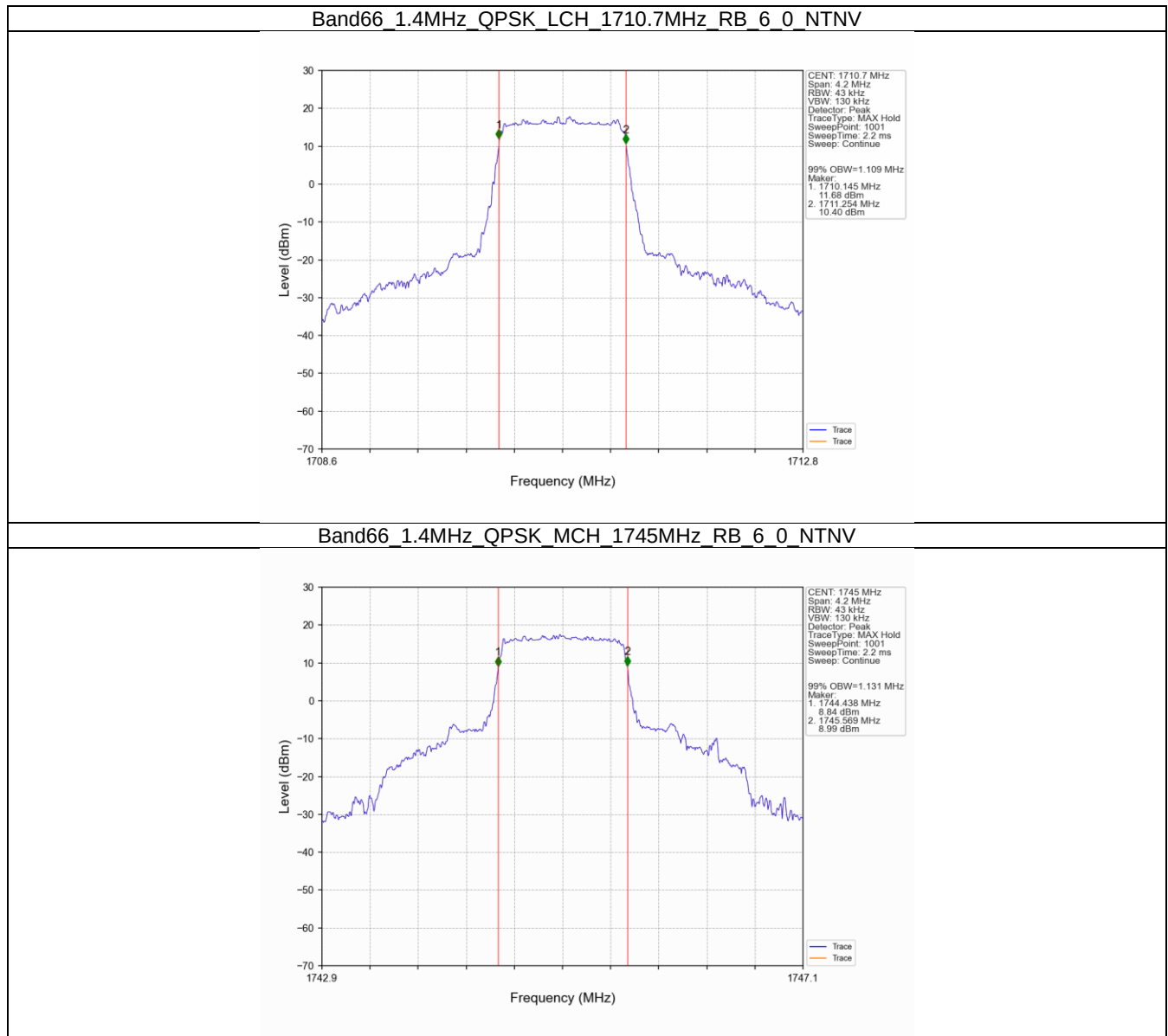
4.1.2 Band66_XDB

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	1.311	/	Pass
		1745	6	0	2.002	/	Pass
		1779.3	6	0	2.080	/	Pass

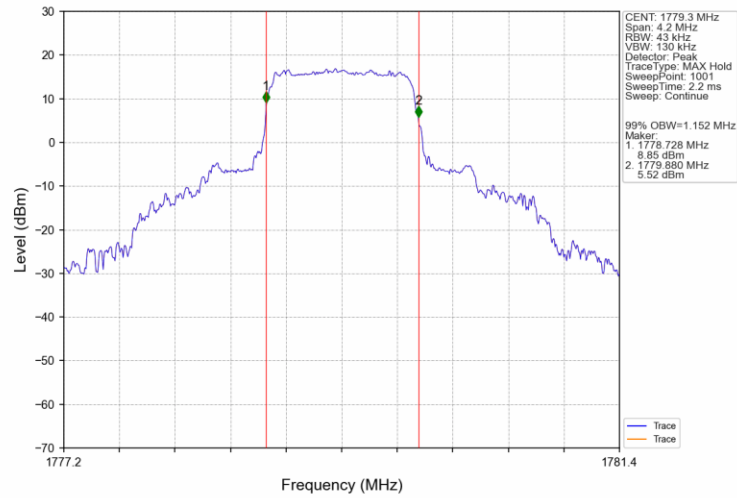
	16QAM	1710.7	6	0	1.320	/	Pass
		1745	6	0	1.431	/	Pass
		1779.3	6	0	1.537	/	Pass
3	QPSK	1711.5	15	0	2.996	/	Pass
		1745	15	0	3.210	/	Pass
		1778.5	15	0	3.796	/	Pass
	16QAM	1711.5	15	0	2.978	/	Pass
		1745	15	0	3.427	/	Pass
		1778.5	15	0	3.373	/	Pass
5	QPSK	1712.5	25	0	5.283	/	Pass
		1745	25	0	5.961	/	Pass
		1777.5	25	0	6.287	/	Pass
	16QAM	1712.5	25	0	5.287	/	Pass
		1745	25	0	5.967	/	Pass
		1777.5	25	0	5.288	/	Pass
10	QPSK	1715	50	0	10.254	/	Pass
		1745	50	0	12.756	/	Pass
		1775	50	0	10.640	/	Pass
	16QAM	1715	50	0	10.125	/	Pass
		1745	50	0	10.241	/	Pass
		1775	50	0	10.914	/	Pass
15	QPSK	1717.5	75	0	15.240	/	Pass
		1745	75	0	18.929	/	Pass
		1772.5	75	0	15.568	/	Pass
	16QAM	1717.5	75	0	15.362	/	Pass
		1745	75	0	18.868	/	Pass
		1772.5	75	0	15.506	/	Pass
20	QPSK	1720	100	0	19.926	/	Pass
		1745	100	0	23.205	/	Pass
		1770	100	0	19.970	/	Pass
	16QAM	1720	100	0	19.980	/	Pass
		1745	100	0	23.233	/	Pass
		1770	100	0	20.169	/	Pass

4.2 Test Graph

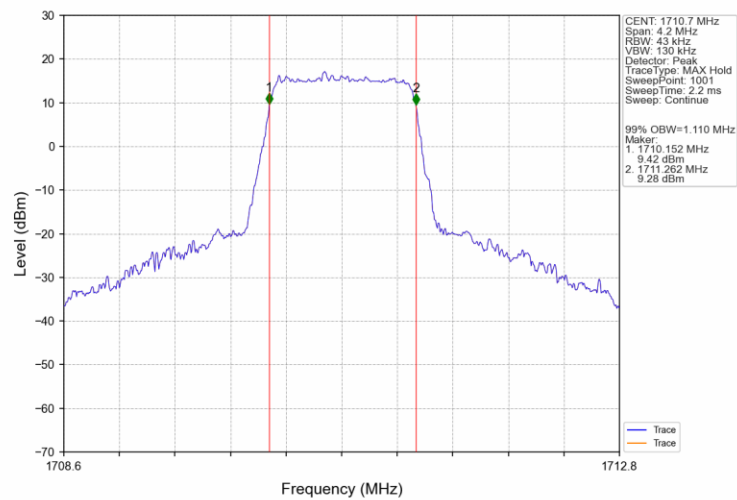
4.2.1 Band66_OBW



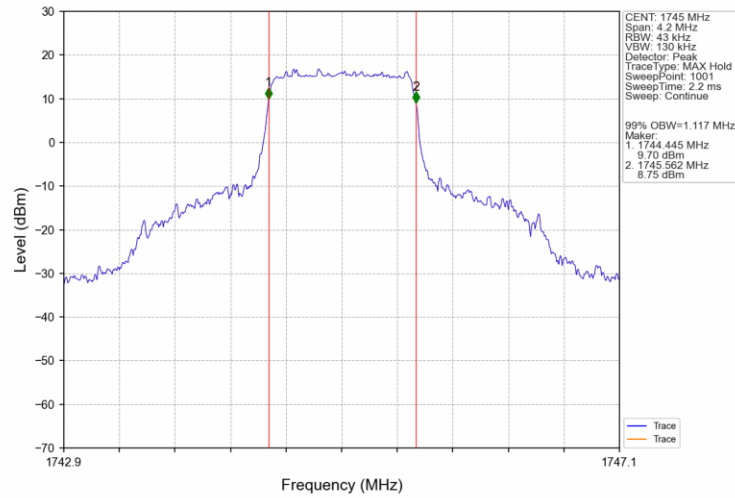
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



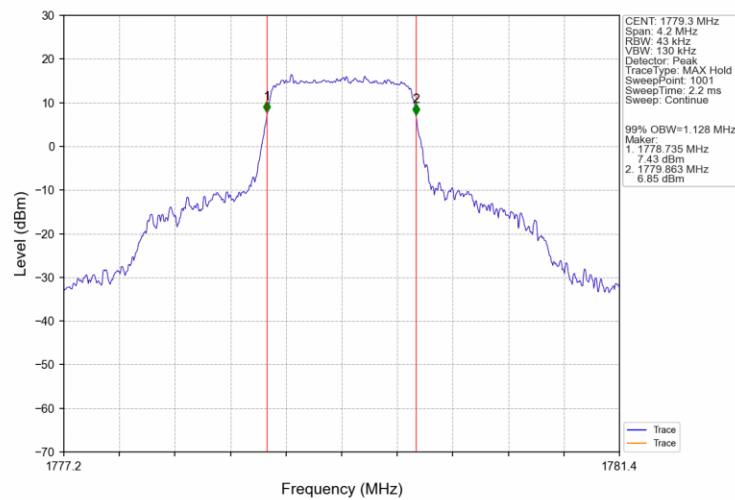
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



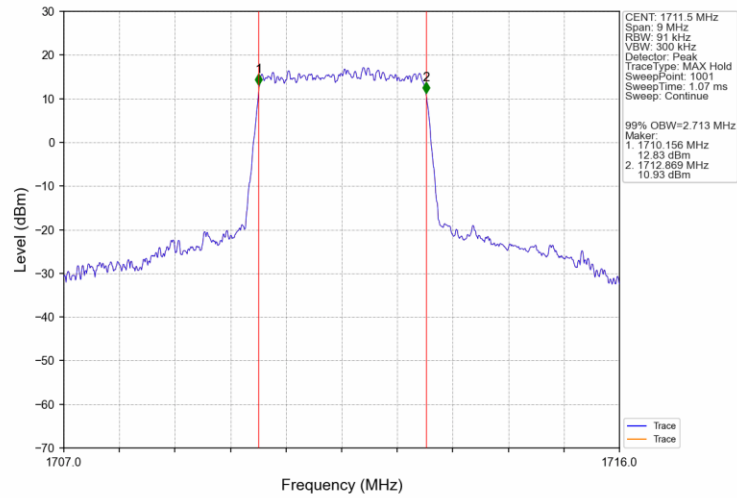
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



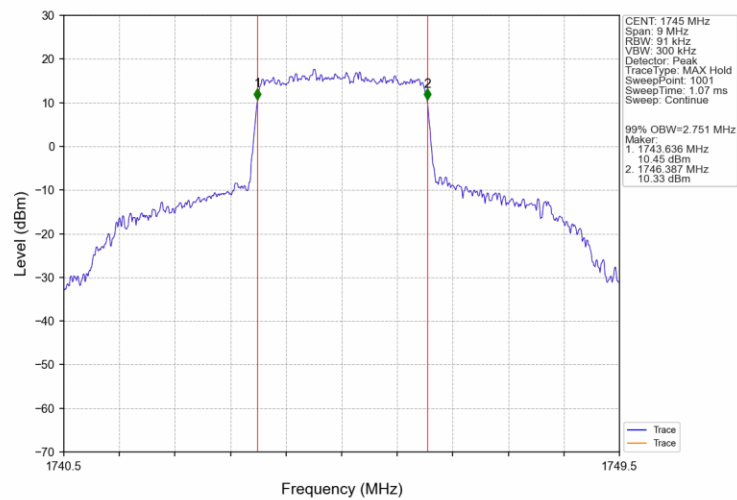
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



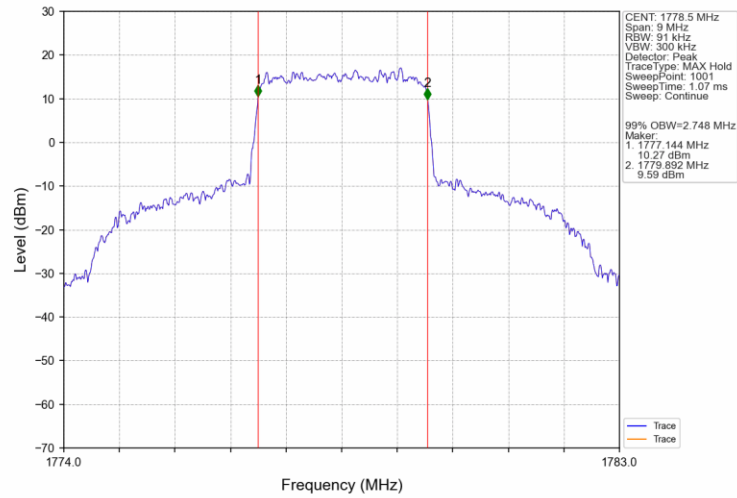
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV



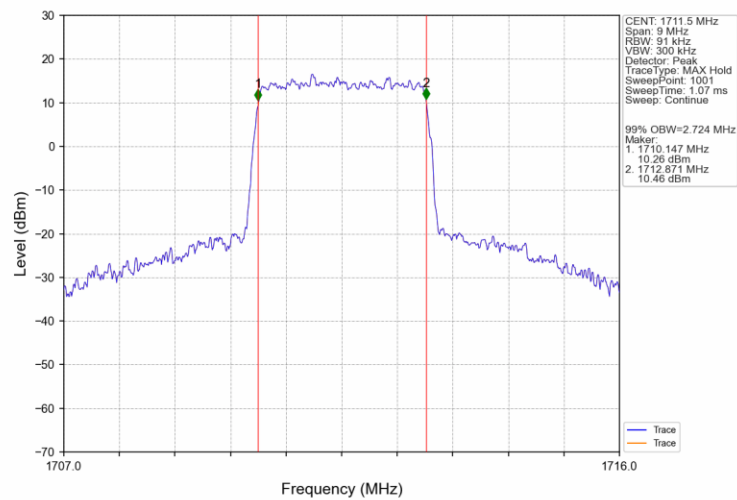
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



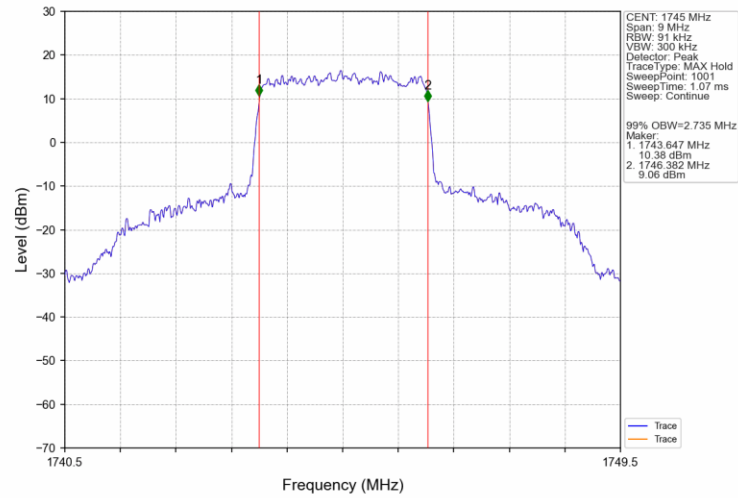
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



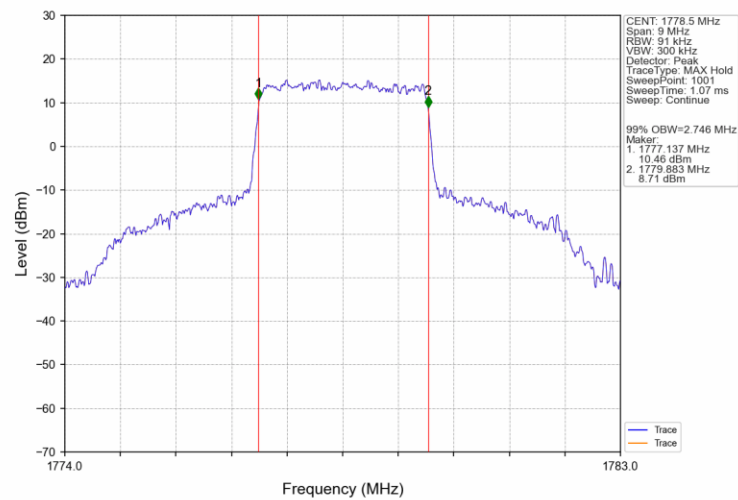
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



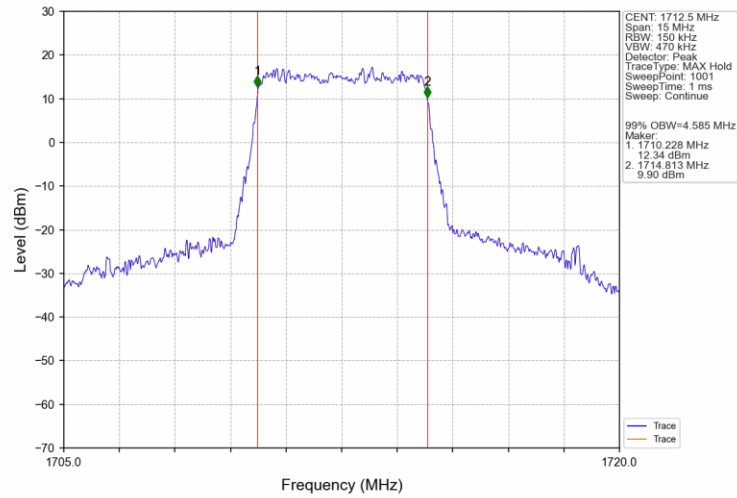
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



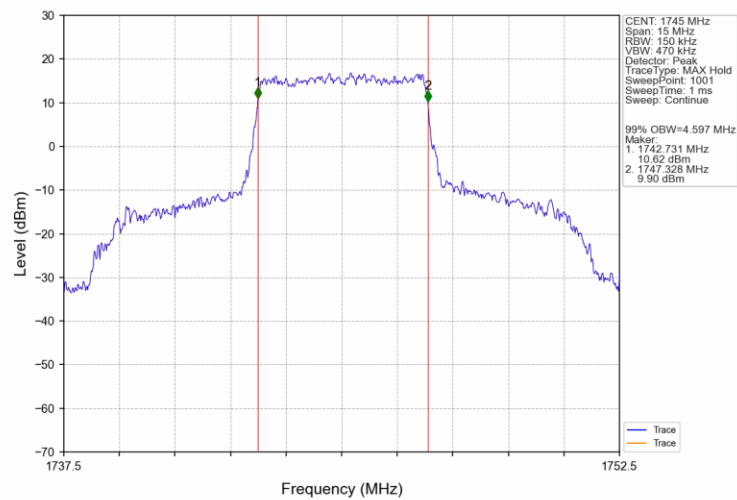
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV

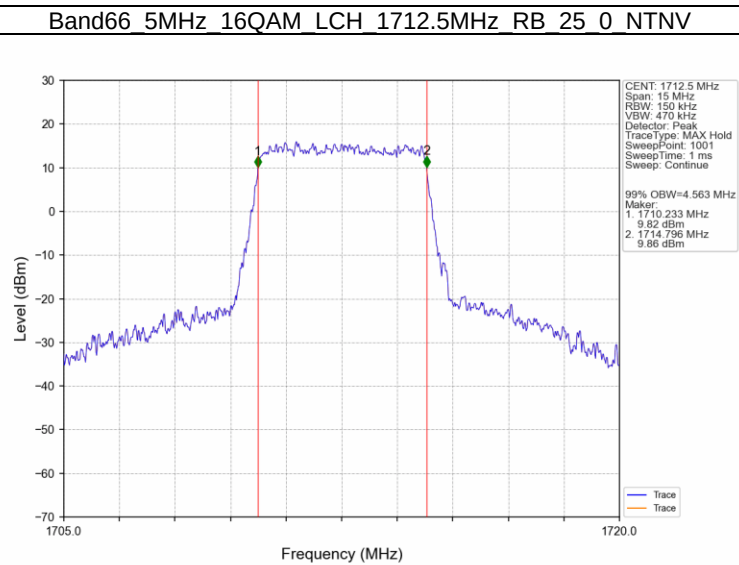
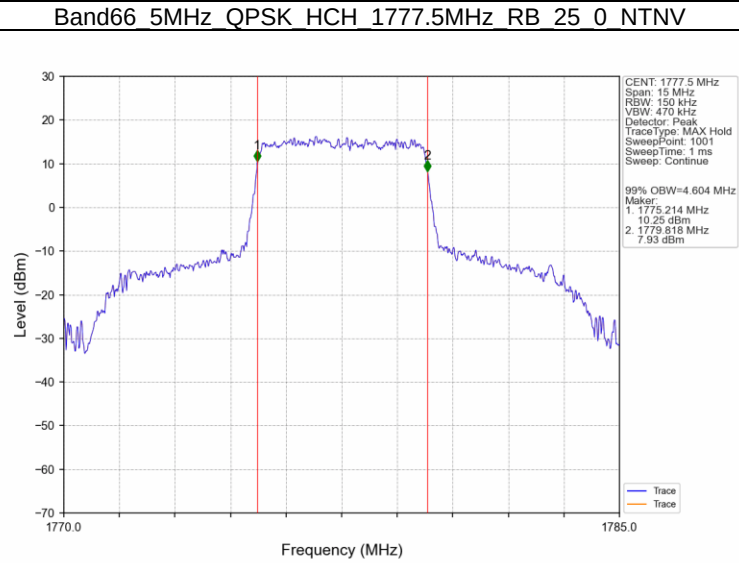


Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

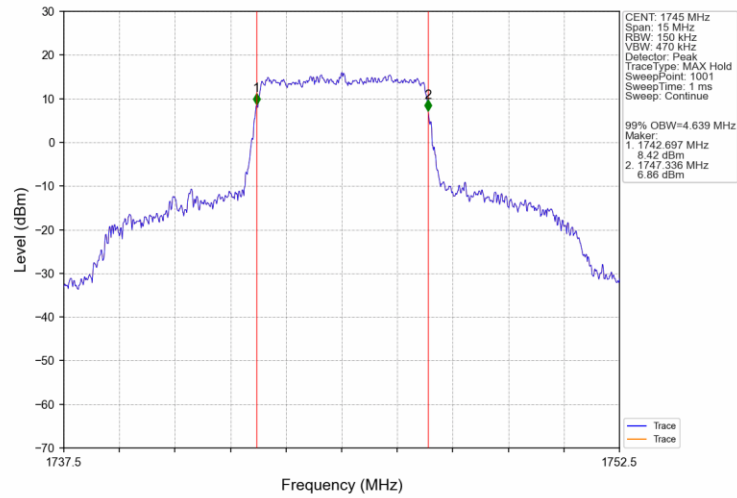


Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV

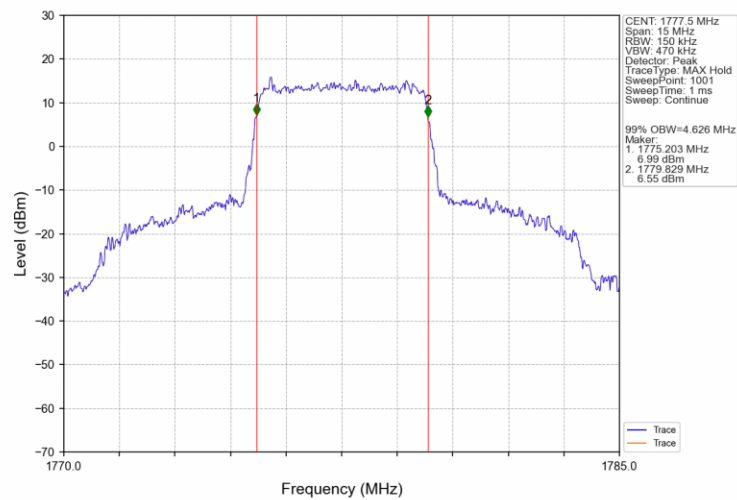




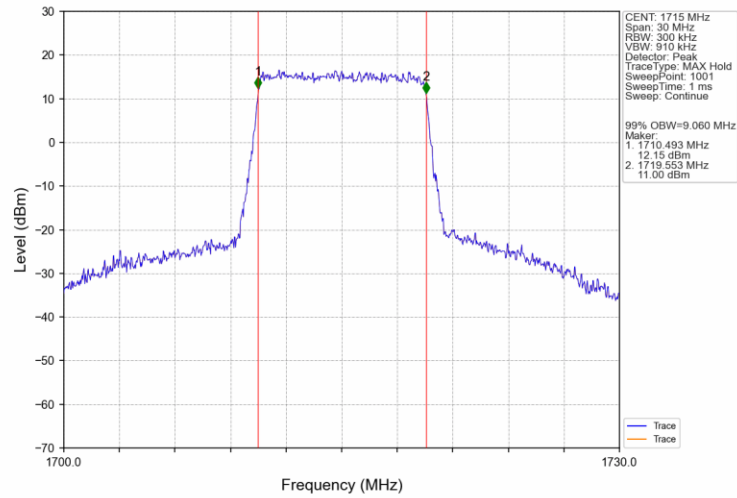
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



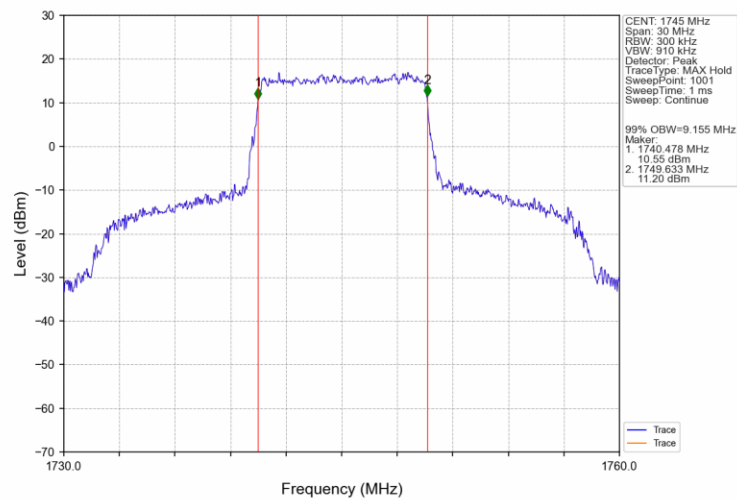
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



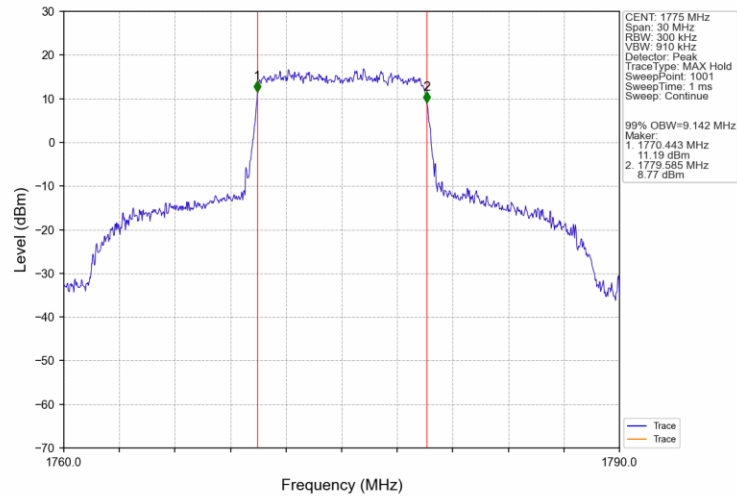
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV



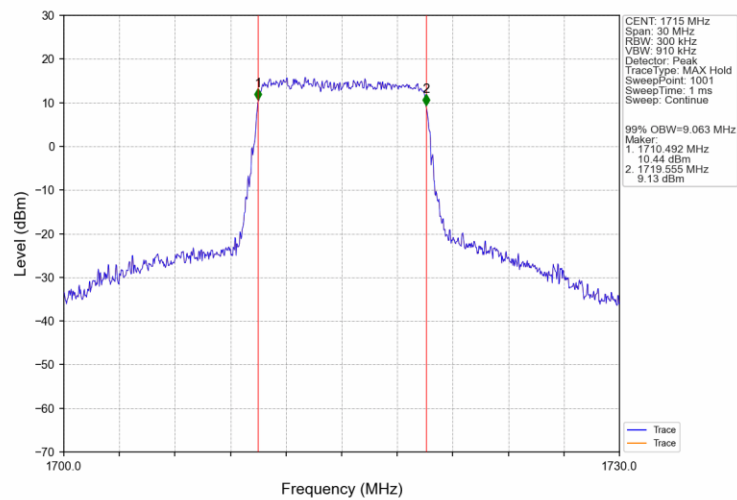
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



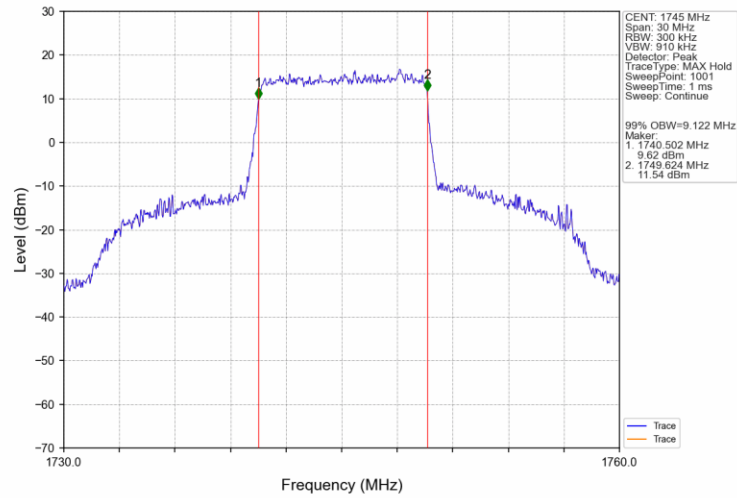
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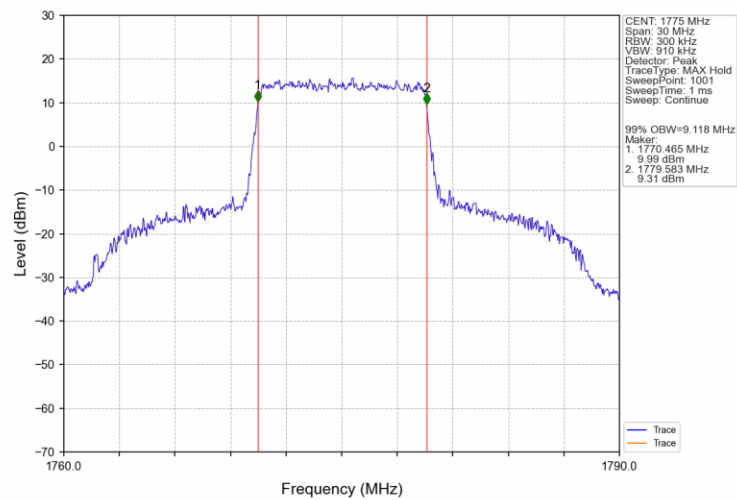
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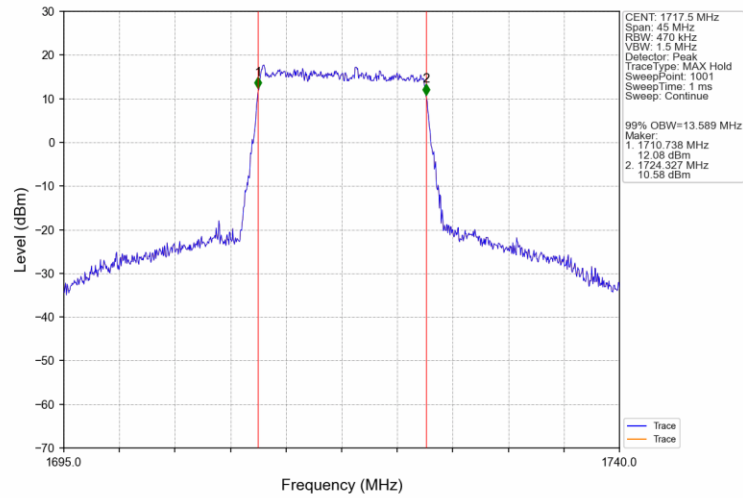
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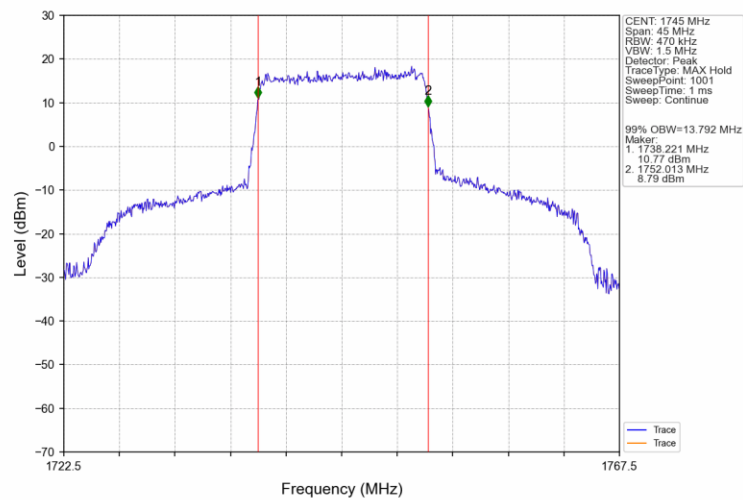
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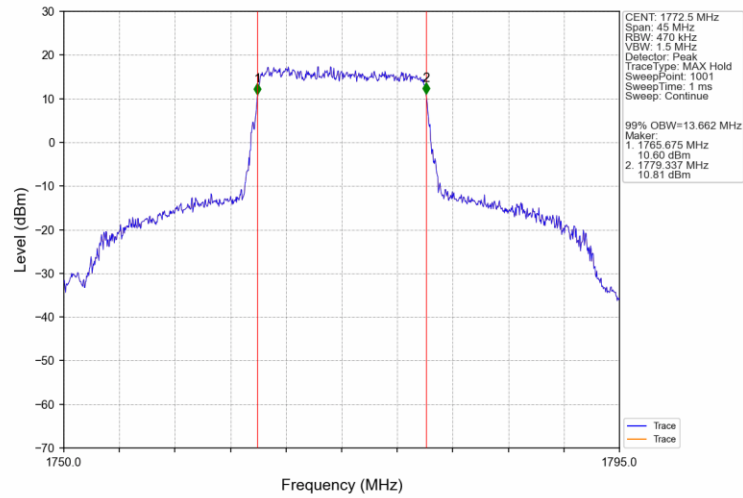
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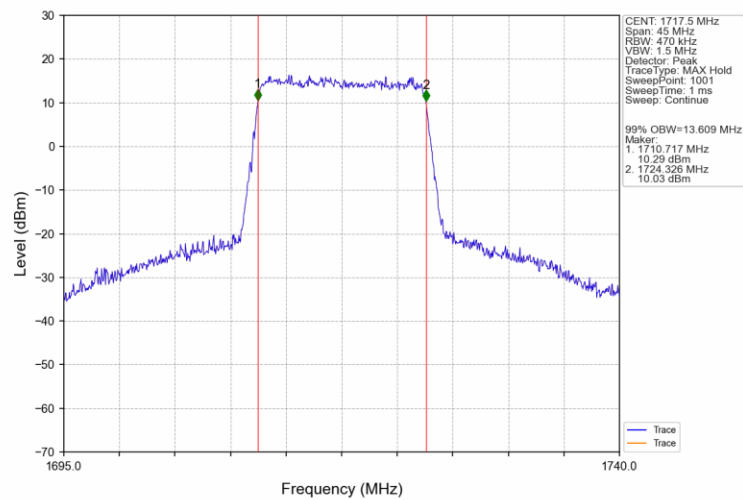
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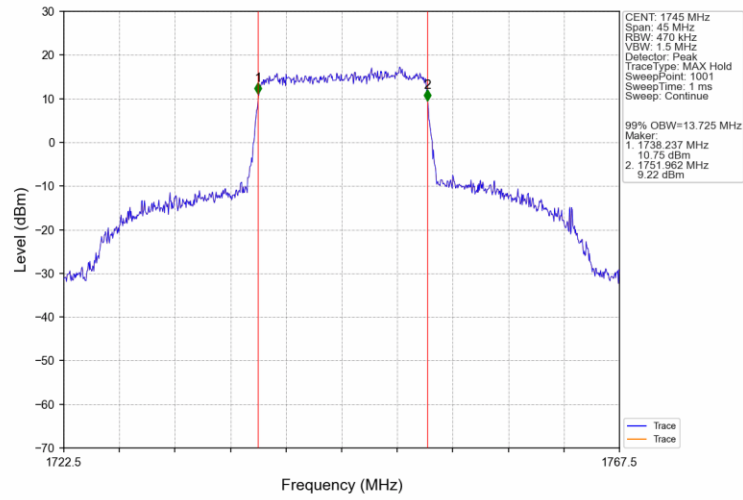
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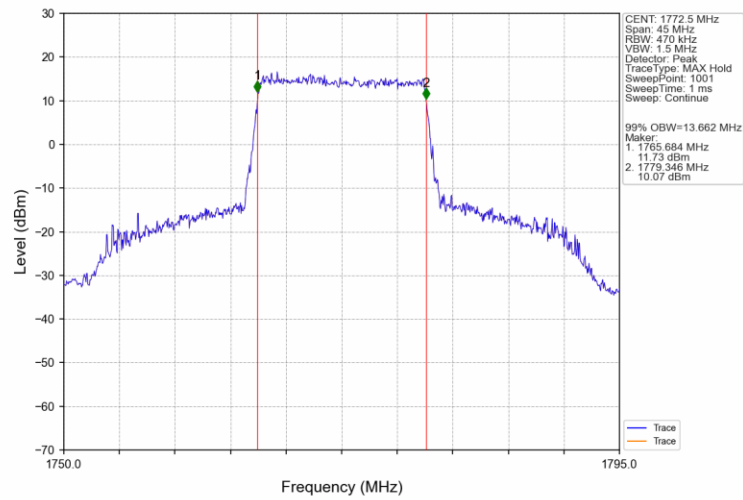
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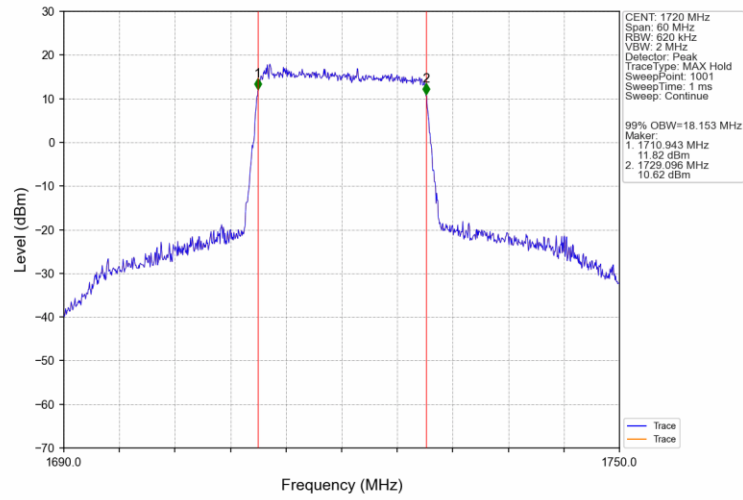
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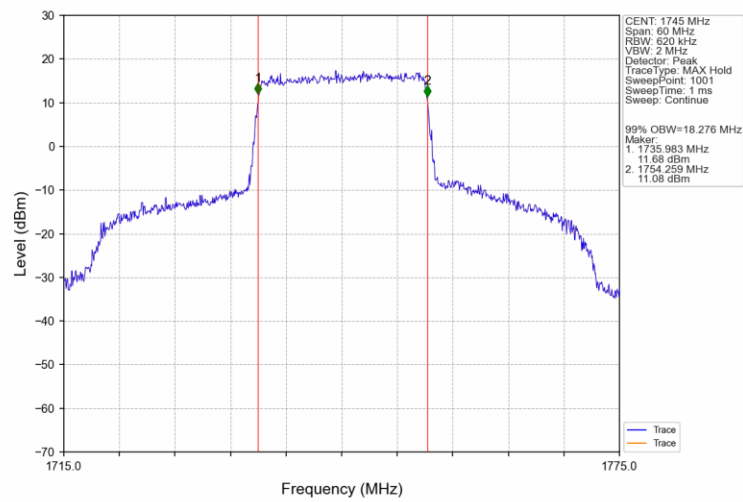
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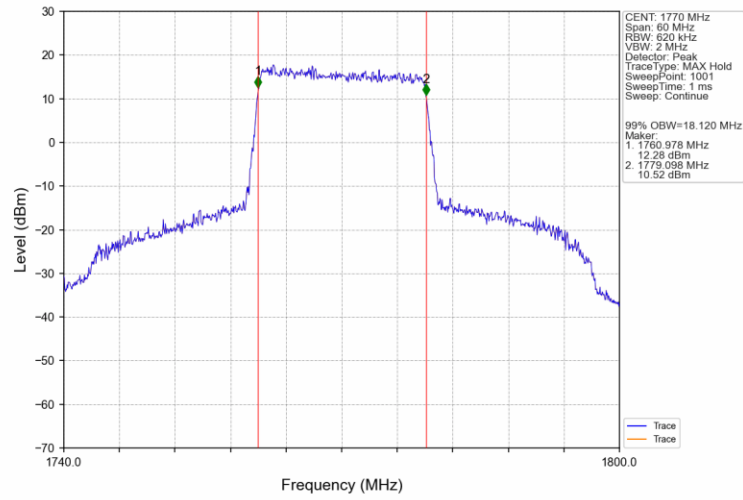
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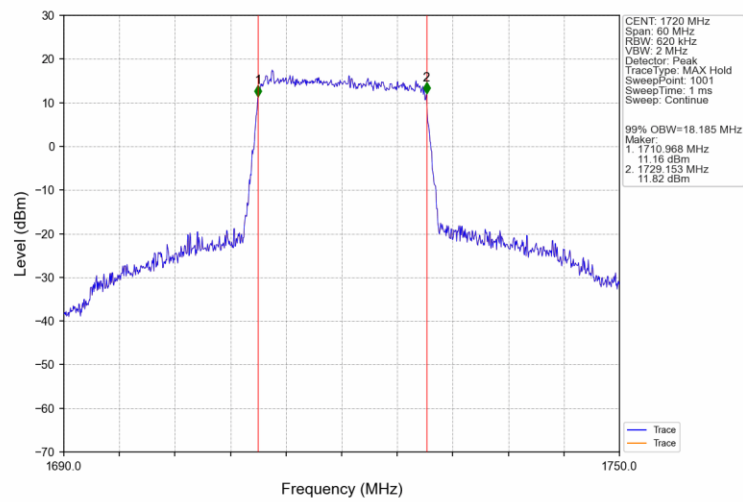
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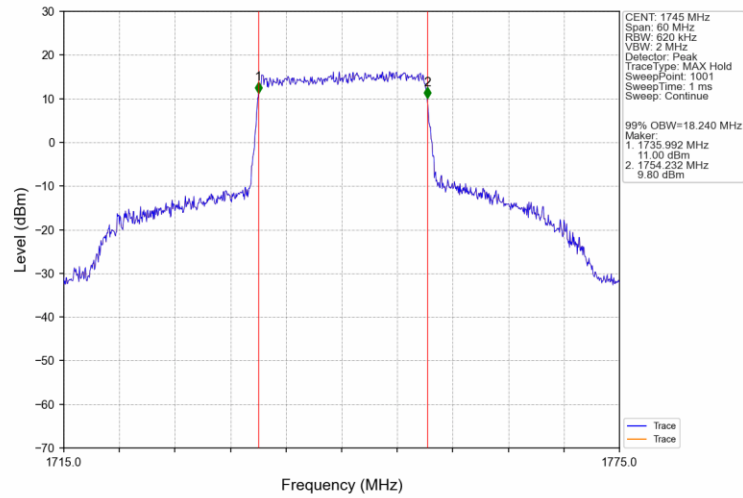
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Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTN



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTN

