

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	23.59	3.60	27.19	<=30	Pass
			2	23.76	3.60	27.36	<=30	Pass
			5	23.61	3.60	27.21	<=30	Pass
		3	0	23.54	3.60	27.14	<=30	Pass
			2	23.50	3.60	27.10	<=30	Pass
			3	23.53	3.60	27.13	<=30	Pass
		6	0	22.67	3.60	26.27	<=30	Pass
	1745	1	0	23.61	3.60	27.21	<=30	Pass
			2	23.81	3.60	27.41	<=30	Pass
			5	23.62	3.60	27.22	<=30	Pass
		3	0	23.71	3.60	27.31	<=30	Pass
			2	23.69	3.60	27.29	<=30	Pass
			3	23.75	3.60	27.35	<=30	Pass
		6	0	22.72	3.60	26.32	<=30	Pass
	1779.3	1	0	23.96	3.60	27.56	<=30	Pass
			2	24.08	3.60	27.68	<=30	Pass
			5	23.93	3.60	27.53	<=30	Pass
		3	0	24.01	3.60	27.61	<=30	Pass
			2	23.95	3.60	27.55	<=30	Pass
			3	23.97	3.60	27.57	<=30	Pass
		6	0	22.99	3.60	26.59	<=30	Pass
16QAM	1710.7	1	0	22.37	3.60	25.97	<=30	Pass
			2	22.55	3.60	26.15	<=30	Pass
			5	22.36	3.60	25.96	<=30	Pass
		3	0	22.34	3.60	25.94	<=30	Pass
			2	22.31	3.60	25.91	<=30	Pass
			3	22.37	3.60	25.97	<=30	Pass
		6	0	21.56	3.60	25.16	<=30	Pass
	1745	1	0	22.58	3.60	26.18	<=30	Pass
			2	22.75	3.60	26.35	<=30	Pass
			5	22.58	3.60	26.18	<=30	Pass
		3	0	22.72	3.60	26.32	<=30	Pass
			2	22.70	3.60	26.30	<=30	Pass
			3	22.75	3.60	26.35	<=30	Pass
		6	0	21.75	3.60	25.35	<=30	Pass
	1779.3	1	0	23.14	3.60	26.74	<=30	Pass
			2	23.34	3.60	26.94	<=30	Pass
			5	23.16	3.60	26.76	<=30	Pass
		3	0	22.94	3.60	26.54	<=30	Pass
			2	22.90	3.60	26.50	<=30	Pass
			3	22.95	3.60	26.55	<=30	Pass
		6	0	21.95	3.60	25.55	<=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	23.58	3.60	27.18	<=30	Pass
			7	23.55	3.60	27.15	<=30	Pass
			14	23.58	3.60	27.18	<=30	Pass
		8	0	22.58	3.60	26.18	<=30	Pass
			4	22.60	3.60	26.20	<=30	Pass
			7	22.55	3.60	26.15	<=30	Pass
		15	0	22.46	3.60	26.06	<=30	Pass
	1745	1	0	23.64	3.60	27.24	<=30	Pass
			7	23.59	3.60	27.19	<=30	Pass
			14	23.71	3.60	27.31	<=30	Pass
		8	0	22.60	3.60	26.20	<=30	Pass
			4	22.68	3.60	26.28	<=30	Pass
			7	22.57	3.60	26.17	<=30	Pass
		15	0	22.57	3.60	26.17	<=30	Pass
	1778.5	1	0	23.90	3.60	27.50	<=30	Pass
			7	23.82	3.60	27.42	<=30	Pass
			14	23.89	3.60	27.49	<=30	Pass
		8	0	22.92	3.60	26.52	<=30	Pass
			4	22.95	3.60	26.55	<=30	Pass
			7	22.89	3.60	26.49	<=30	Pass
		15	0	22.84	3.60	26.44	<=30	Pass
16QAM	1711.5	1	0	22.75	3.60	26.35	<=30	Pass
			7	22.70	3.60	26.30	<=30	Pass
			14	22.79	3.60	26.39	<=30	Pass
		8	0	21.52	3.60	25.12	<=30	Pass
			4	21.55	3.60	25.15	<=30	Pass
			7	21.53	3.60	25.13	<=30	Pass
		15	0	21.49	3.60	25.09	<=30	Pass
	1745	1	0	22.48	3.60	26.08	<=30	Pass
			7	22.42	3.60	26.02	<=30	Pass
			14	22.50	3.60	26.10	<=30	Pass
		8	0	21.56	3.60	25.16	<=30	Pass
			4	21.57	3.60	25.17	<=30	Pass
			7	21.52	3.60	25.12	<=30	Pass
		15	0	21.56	3.60	25.16	<=30	Pass
	1778.5	1	0	22.81	3.60	26.41	<=30	Pass
			7	22.72	3.60	26.32	<=30	Pass
			14	22.82	3.60	26.42	<=30	Pass
		8	0	21.84	3.60	25.44	<=30	Pass
			4	21.86	3.60	25.46	<=30	Pass
			7	21.81	3.60	25.41	<=30	Pass
		15	0	21.75	3.60	25.35	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.47	3.60	27.07	<=30	Pass
			13	23.56	3.60	27.16	<=30	Pass
			24	23.47	3.60	27.07	<=30	Pass
		12	0	22.45	3.60	26.05	<=30	Pass
			6	22.54	3.60	26.14	<=30	Pass
			13	22.52	3.60	26.12	<=30	Pass
		25	0	22.48	3.60	26.08	<=30	Pass
	1745	1	0	23.50	3.60	27.10	<=30	Pass
			13	23.64	3.60	27.24	<=30	Pass
			24	23.52	3.60	27.12	<=30	Pass
		12	0	22.55	3.60	26.15	<=30	Pass
			6	22.63	3.60	26.23	<=30	Pass
			13	22.59	3.60	26.19	<=30	Pass
		25	0	22.62	3.60	26.22	<=30	Pass
	1777.5	1	0	23.76	3.60	27.36	<=30	Pass
			13	23.88	3.60	27.48	<=30	Pass
			24	23.76	3.60	27.36	<=30	Pass
		12	0	22.82	3.60	26.42	<=30	Pass
			6	22.87	3.60	26.47	<=30	Pass
			13	22.81	3.60	26.41	<=30	Pass
		25	0	22.83	3.60	26.43	<=30	Pass
16QAM	1712.5	1	0	22.31	3.60	25.91	<=30	Pass
			13	22.42	3.60	26.02	<=30	Pass
			24	22.33	3.60	25.93	<=30	Pass
		12	0	21.42	3.60	25.02	<=30	Pass
			6	21.51	3.60	25.11	<=30	Pass
			13	21.50	3.60	25.10	<=30	Pass
		25	0	21.54	3.60	25.14	<=30	Pass
	1745	1	0	22.87	3.60	26.47	<=30	Pass
			13	22.98	3.60	26.58	<=30	Pass
			24	22.86	3.60	26.46	<=30	Pass
		12	0	21.55	3.60	25.15	<=30	Pass
			6	21.57	3.60	25.17	<=30	Pass
			13	21.54	3.60	25.14	<=30	Pass
		25	0	21.57	3.60	25.17	<=30	Pass
	1777.5	1	0	22.68	3.60	26.28	<=30	Pass
			13	22.87	3.60	26.47	<=30	Pass
			24	22.80	3.60	26.40	<=30	Pass
		12	0	21.77	3.60	25.37	<=30	Pass
			6	21.83	3.60	25.43	<=30	Pass
			13	21.75	3.60	25.35	<=30	Pass
		25	0	21.75	3.60	25.35	<=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	23.60	3.60	27.20	<=30	Pass
			25	23.67	3.60	27.27	<=30	Pass
			49	23.59	3.60	27.19	<=30	Pass
		25	0	22.47	3.60	26.07	<=30	Pass
			13	22.54	3.60	26.14	<=30	Pass
			25	22.61	3.60	26.21	<=30	Pass
		50	0	22.53	3.60	26.13	<=30	Pass
	1745	1	0	23.64	3.60	27.24	<=30	Pass
			25	23.79	3.60	27.39	<=30	Pass
			49	23.74	3.60	27.34	<=30	Pass
		25	0	22.62	3.60	26.22	<=30	Pass
			13	22.63	3.60	26.23	<=30	Pass
			25	22.67	3.60	26.27	<=30	Pass
		50	0	22.62	3.60	26.22	<=30	Pass
	1775	1	0	23.89	3.60	27.49	<=30	Pass
			25	23.99	3.60	27.59	<=30	Pass
			49	23.86	3.60	27.46	<=30	Pass
		25	0	22.84	3.60	26.44	<=30	Pass
			13	22.84	3.60	26.44	<=30	Pass
			25	22.84	3.60	26.44	<=30	Pass
		50	0	22.81	3.60	26.41	<=30	Pass
16QAM	1715	1	0	22.78	3.60	26.38	<=30	Pass
			25	22.89	3.60	26.49	<=30	Pass
			49	22.88	3.60	26.48	<=30	Pass
		25	0	21.44	3.60	25.04	<=30	Pass
			13	21.50	3.60	25.10	<=30	Pass
			25	21.60	3.60	25.20	<=30	Pass
		50	0	21.49	3.60	25.09	<=30	Pass
	1745	1	0	22.44	3.60	26.04	<=30	Pass
			25	22.62	3.60	26.22	<=30	Pass
			49	22.54	3.60	26.14	<=30	Pass
		25	0	21.67	3.60	25.27	<=30	Pass
			13	21.66	3.60	25.26	<=30	Pass
			25	21.69	3.60	25.29	<=30	Pass
		50	0	21.60	3.60	25.20	<=30	Pass
	1775	1	0	22.73	3.60	26.33	<=30	Pass
			25	22.84	3.60	26.44	<=30	Pass
			49	22.80	3.60	26.40	<=30	Pass
		25	0	21.79	3.60	25.39	<=30	Pass
			13	21.82	3.60	25.42	<=30	Pass
			25	21.85	3.60	25.45	<=30	Pass
		50	0	21.77	3.60	25.37	<=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	23.52	3.60	27.12	<=30	Pass
			38	23.64	3.60	27.24	<=30	Pass
			74	23.42	3.60	27.02	<=30	Pass
		36	0	22.61	3.60	26.21	<=30	Pass
			18	22.65	3.60	26.25	<=30	Pass
			39	22.62	3.60	26.22	<=30	Pass
		75	0	22.61	3.60	26.21	<=30	Pass
	1745	1	0	23.52	3.60	27.12	<=30	Pass
			38	23.69	3.60	27.29	<=30	Pass
			74	23.64	3.60	27.24	<=30	Pass
		36	0	22.64	3.60	26.24	<=30	Pass
			18	22.69	3.60	26.29	<=30	Pass
			39	22.76	3.60	26.36	<=30	Pass
		75	0	22.71	3.60	26.31	<=30	Pass
	1772.5	1	0	23.79	3.60	27.39	<=30	Pass
			38	23.90	3.60	27.50	<=30	Pass
			74	23.77	3.60	27.37	<=30	Pass
		36	0	22.96	3.60	26.56	<=30	Pass
			18	23.01	3.60	26.61	<=30	Pass
			39	22.97	3.60	26.57	<=30	Pass
		75	0	22.97	3.60	26.57	<=30	Pass
16QAM	1717.5	1	0	22.32	3.60	25.92	<=30	Pass
			38	22.44	3.60	26.04	<=30	Pass
			74	22.38	3.60	25.98	<=30	Pass
		36	0	21.48	3.60	25.08	<=30	Pass
			18	21.58	3.60	25.18	<=30	Pass
			39	21.56	3.60	25.16	<=30	Pass
		75	0	21.56	3.60	25.16	<=30	Pass
	1745	1	0	22.42	3.60	26.02	<=30	Pass
			38	22.54	3.60	26.14	<=30	Pass
			74	22.43	3.60	26.03	<=30	Pass
		36	0	21.60	3.60	25.20	<=30	Pass
			18	21.64	3.60	25.24	<=30	Pass
			39	21.64	3.60	25.24	<=30	Pass
		75	0	21.64	3.60	25.24	<=30	Pass
	1772.5	1	0	22.57	3.60	26.17	<=30	Pass
			38	22.75	3.60	26.35	<=30	Pass
			74	22.71	3.60	26.31	<=30	Pass
		36	0	21.78	3.60	25.38	<=30	Pass
			18	21.82	3.60	25.42	<=30	Pass
			39	21.83	3.60	25.43	<=30	Pass
		75	0	21.86	3.60	25.46	<=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	23.29	3.60	26.89	<=30	Pass
			50	23.59	3.60	27.19	<=30	Pass
			99	23.29	3.60	26.89	<=30	Pass
		50	0	22.37	3.60	25.97	<=30	Pass
			25	22.54	3.60	26.14	<=30	Pass
			50	22.50	3.60	26.10	<=30	Pass
		100	0	22.44	3.60	26.04	<=30	Pass
			50	22.44	3.60	26.04	<=30	Pass
			99	22.44	3.60	26.04	<=30	Pass
	1745	1	0	23.31	3.60	26.91	<=30	Pass
			50	23.72	3.60	27.32	<=30	Pass
			99	23.47	3.60	27.07	<=30	Pass
		50	0	22.56	3.60	26.16	<=30	Pass
			25	22.59	3.60	26.19	<=30	Pass
			50	22.61	3.60	26.21	<=30	Pass
		100	0	22.58	3.60	26.18	<=30	Pass
			50	22.58	3.60	26.18	<=30	Pass
			99	22.58	3.60	26.18	<=30	Pass
	1770	1	0	23.53	3.60	27.13	<=30	Pass
			50	24.05	3.60	27.65	<=30	Pass
			99	23.62	3.60	27.22	<=30	Pass
		50	0	22.66	3.60	26.26	<=30	Pass
			25	22.75	3.60	26.35	<=30	Pass
			50	22.76	3.60	26.36	<=30	Pass
		100	0	22.71	3.60	26.31	<=30	Pass
			50	22.71	3.60	26.31	<=30	Pass
			99	22.71	3.60	26.31	<=30	Pass
16QAM	1720	1	0	22.18	3.60	25.78	<=30	Pass
			50	22.59	3.60	26.19	<=30	Pass
			99	22.33	3.60	25.93	<=30	Pass
		50	0	21.34	3.60	24.94	<=30	Pass
			25	21.52	3.60	25.12	<=30	Pass
			50	21.46	3.60	25.06	<=30	Pass
		100	0	21.43	3.60	25.03	<=30	Pass
			50	21.43	3.60	25.03	<=30	Pass
			99	21.43	3.60	25.03	<=30	Pass
	1745	1	0	22.18	3.60	25.78	<=30	Pass
			50	22.55	3.60	26.15	<=30	Pass
			99	22.26	3.60	25.86	<=30	Pass
		50	0	21.55	3.60	25.15	<=30	Pass
			25	21.58	3.60	25.18	<=30	Pass
			50	21.58	3.60	25.18	<=30	Pass
		100	0	21.56	3.60	25.16	<=30	Pass
			50	21.56	3.60	25.16	<=30	Pass
			99	21.56	3.60	25.16	<=30	Pass
	1770	1	0	22.73	3.60	26.33	<=30	Pass
			50	23.17	3.60	26.77	<=30	Pass
			99	22.94	3.60	26.54	<=30	Pass
		50	0	21.57	3.60	25.17	<=30	Pass
			25	21.67	3.60	25.27	<=30	Pass
			50	21.72	3.60	25.32	<=30	Pass
		100	0	21.64	3.60	25.24	<=30	Pass
			50	21.64	3.60	25.24	<=30	Pass
			99	21.64	3.60	25.24	<=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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	102	-10.314	-0.0060	-2.5 to 2.5	Pass
					120	-2.389	-0.0014	-2.5 to 2.5	Pass
					138	-4.907	-0.0029	-2.5 to 2.5	Pass
				-30	120	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	120	-2.847	-0.0017	-2.5 to 2.5	Pass
				-10	120	-8.354	-0.0049	-2.5 to 2.5	Pass
				0	120	-6.738	-0.0039	-2.5 to 2.5	Pass
				10	120	-6.123	-0.0036	-2.5 to 2.5	Pass
				30	120	-4.892	-0.0029	-2.5 to 2.5	Pass
				40	120	-2.847	-0.0017	-2.5 to 2.5	Pass
				50	120	-6.695	-0.0039	-2.5 to 2.5	Pass
	1745	6	0	20	102	2.832	0.0016	-2.5 to 2.5	Pass
					120	0.257	0.0001	-2.5 to 2.5	Pass
					138	-0.873	-0.0005	-2.5 to 2.5	Pass
				-30	120	-1.488	-0.0009	-2.5 to 2.5	Pass
				-20	120	-5.622	-0.0032	-2.5 to 2.5	Pass
				-10	120	-8.755	-0.0050	-2.5 to 2.5	Pass
				0	120	-9.413	-0.0054	-2.5 to 2.5	Pass
				10	120	1.745	0.0010	-2.5 to 2.5	Pass
				30	120	-4.020	-0.0023	-2.5 to 2.5	Pass
				40	120	1.416	0.0008	-2.5 to 2.5	Pass
				50	120	0.200	0.0001	-2.5 to 2.5	Pass
	1779.3	6	0	20	102	-9.842	-0.0055	-2.5 to 2.5	Pass
					120	-3.762	-0.0021	-2.5 to 2.5	Pass
					138	-0.844	-0.0005	-2.5 to 2.5	Pass
				-30	120	-10.285	-0.0058	-2.5 to 2.5	Pass
				-20	120	-6.952	-0.0039	-2.5 to 2.5	Pass
				-10	120	-1.702	-0.0010	-2.5 to 2.5	Pass
				0	120	-1.717	-0.0010	-2.5 to 2.5	Pass
				10	120	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	120	-0.343	-0.0002	-2.5 to 2.5	Pass
				40	120	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	120	-8.583	-0.0048	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	102	-8.984	-0.0053	-2.5 to 2.5	Pass
					120	3.519	0.0021	-2.5 to 2.5	Pass
					138	-3.119	-0.0018	-2.5 to 2.5	Pass
				-30	120	-2.947	-0.0017	-2.5 to 2.5	Pass
				-20	120	-2.389	-0.0014	-2.5 to 2.5	Pass
				-10	120	-5.465	-0.0032	-2.5 to 2.5	Pass
				0	120	-6.523	-0.0038	-2.5 to 2.5	Pass
				10	120	-9.670	-0.0057	-2.5 to 2.5	Pass
				30	120	4.478	0.0026	-2.5 to 2.5	Pass
				40	120	-3.562	-0.0021	-2.5 to 2.5	Pass
				50	120	-0.501	-0.0003	-2.5 to 2.5	Pass
	1745	6	0	20	102	-2.847	-0.0016	-2.5 to 2.5	Pass
					120	-8.698	-0.0050	-2.5 to 2.5	Pass
					138	-7.510	-0.0043	-2.5 to 2.5	Pass
				-30	120	-1.845	-0.0011	-2.5 to 2.5	Pass
				-20	120	-1.788	-0.0010	-2.5 to 2.5	Pass
				-10	120	-9.084	-0.0052	-2.5 to 2.5	Pass

				0	120	0.658	0.0004	-2.5 to 2.5	Pass
				10	120	5.136	0.0029	-2.5 to 2.5	Pass
				30	120	-10.486	-0.0060	-2.5 to 2.5	Pass
				40	120	-0.772	-0.0004	-2.5 to 2.5	Pass
				50	120	-8.583	-0.0049	-2.5 to 2.5	Pass
	1779.3	6	0	20	102	-0.014	0.0000	-2.5 to 2.5	Pass
					120	-2.704	-0.0015	-2.5 to 2.5	Pass
					138	-11.086	-0.0062	-2.5 to 2.5	Pass
				-30	120	-2.990	-0.0017	-2.5 to 2.5	Pass
				-20	120	-9.098	-0.0051	-2.5 to 2.5	Pass
				-10	120	-9.370	-0.0053	-2.5 to 2.5	Pass
				0	120	-1.044	-0.0006	-2.5 to 2.5	Pass
				10	120	-0.558	-0.0003	-2.5 to 2.5	Pass
				30	120	-3.633	-0.0020	-2.5 to 2.5	Pass
				40	120	-8.454	-0.0048	-2.5 to 2.5	Pass
				50	120	-4.206	-0.0024	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	102	-3.977	-0.0023	-2.5 to 2.5	Pass
					120	-5.994	-0.0035	-2.5 to 2.5	Pass
					138	-2.117	-0.0012	-2.5 to 2.5	Pass
				-30	120	-6.680	-0.0039	-2.5 to 2.5	Pass
				-20	120	-3.591	-0.0021	-2.5 to 2.5	Pass
				-10	120	-3.419	-0.0020	-2.5 to 2.5	Pass
				0	120	-3.362	-0.0020	-2.5 to 2.5	Pass
				10	120	-1.087	-0.0006	-2.5 to 2.5	Pass
				30	120	2.375	0.0014	-2.5 to 2.5	Pass
				40	120	-1.702	-0.0010	-2.5 to 2.5	Pass
	1745	15	0	50	120	-7.768	-0.0045	-2.5 to 2.5	Pass
				20	102	2.890	0.0017	-2.5 to 2.5	Pass
					120	-3.605	-0.0021	-2.5 to 2.5	Pass
					138	2.060	0.0012	-2.5 to 2.5	Pass
				-30	120	-7.825	-0.0045	-2.5 to 2.5	Pass
				-20	120	-2.861	-0.0016	-2.5 to 2.5	Pass
				-10	120	-4.277	-0.0025	-2.5 to 2.5	Pass
				0	120	-1.416	-0.0008	-2.5 to 2.5	Pass
				10	120	0.043	0.0000	-2.5 to 2.5	Pass
				30	120	-6.495	-0.0037	-2.5 to 2.5	Pass
	1778.5	15	0	40	120	-1.087	-0.0006	-2.5 to 2.5	Pass
				50	120	-7.496	-0.0043	-2.5 to 2.5	Pass
				20	102	-1.216	-0.0007	-2.5 to 2.5	Pass
					120	-1.016	-0.0006	-2.5 to 2.5	Pass
					138	1.888	0.0011	-2.5 to 2.5	Pass
				-30	120	2.389	0.0013	-2.5 to 2.5	Pass
				-20	120	3.161	0.0018	-2.5 to 2.5	Pass
				-10	120	3.119	0.0018	-2.5 to 2.5	Pass
				0	120	-2.818	-0.0016	-2.5 to 2.5	Pass
				10	120	10.471	0.0059	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	30	10.128	0.0057	-2.5 to 2.5	Pass
					40	-1.459	-0.0008	-2.5 to 2.5	Pass
					50	-0.329	-0.0002	-2.5 to 2.5	Pass
				20	102	-0.114	-0.0001	-2.5 to 2.5	Pass
					120	-1.588	-0.0009	-2.5 to 2.5	Pass
					138	-4.363	-0.0025	-2.5 to 2.5	Pass

				-30	120	-7.911	-0.0046	-2.5 to 2.5	Pass
				-20	120	-5.150	-0.0030	-2.5 to 2.5	Pass
				-10	120	1.144	0.0007	-2.5 to 2.5	Pass
				0	120	-0.029	0.0000	-2.5 to 2.5	Pass
				10	120	-2.260	-0.0013	-2.5 to 2.5	Pass
				30	120	-11.015	-0.0064	-2.5 to 2.5	Pass
				40	120	2.890	0.0017	-2.5 to 2.5	Pass
				50	120	1.988	0.0012	-2.5 to 2.5	Pass
	1745	15	0	20	102	-5.007	-0.0029	-2.5 to 2.5	Pass
					120	-5.765	-0.0033	-2.5 to 2.5	Pass
					138	-8.368	-0.0048	-2.5 to 2.5	Pass
				-30	120	-3.505	-0.0020	-2.5 to 2.5	Pass
				-20	120	-5.078	-0.0029	-2.5 to 2.5	Pass
				-10	120	-3.676	-0.0021	-2.5 to 2.5	Pass
				0	120	1.974	0.0011	-2.5 to 2.5	Pass
				10	120	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	120	-3.090	-0.0018	-2.5 to 2.5	Pass
				40	120	-3.490	-0.0020	-2.5 to 2.5	Pass
				50	120	-3.033	-0.0017	-2.5 to 2.5	Pass
	1778.5	15	0	20	102	0.672	0.0004	-2.5 to 2.5	Pass
					120	3.147	0.0018	-2.5 to 2.5	Pass
					138	3.204	0.0018	-2.5 to 2.5	Pass
				-30	120	-3.161	-0.0018	-2.5 to 2.5	Pass
				-20	120	0.401	0.0002	-2.5 to 2.5	Pass
				-10	120	1.488	0.0008	-2.5 to 2.5	Pass
				0	120	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	120	-0.687	-0.0004	-2.5 to 2.5	Pass
				30	120	6.466	0.0036	-2.5 to 2.5	Pass
				40	120	2.618	0.0015	-2.5 to 2.5	Pass
				50	120	3.819	0.0021	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	102	-0.443	-0.0003	-2.5 to 2.5	Pass
					120	-1.774	-0.0010	-2.5 to 2.5	Pass
					138	3.877	0.0023	-2.5 to 2.5	Pass
				-30	120	-2.990	-0.0017	-2.5 to 2.5	Pass
				-20	120	0.472	0.0003	-2.5 to 2.5	Pass
				-10	120	1.087	0.0006	-2.5 to 2.5	Pass
				0	120	1.545	0.0009	-2.5 to 2.5	Pass
				10	120	4.134	0.0024	-2.5 to 2.5	Pass
				30	120	5.193	0.0030	-2.5 to 2.5	Pass
				40	120	5.021	0.0029	-2.5 to 2.5	Pass
				50	120	0.143	0.0001	-2.5 to 2.5	Pass
	1745	25	0	20	102	5.994	0.0034	-2.5 to 2.5	Pass
					120	4.077	0.0023	-2.5 to 2.5	Pass
					138	3.133	0.0018	-2.5 to 2.5	Pass
				-30	120	2.875	0.0016	-2.5 to 2.5	Pass
				-20	120	3.877	0.0022	-2.5 to 2.5	Pass
				-10	120	3.247	0.0019	-2.5 to 2.5	Pass
				0	120	6.824	0.0039	-2.5 to 2.5	Pass
				10	120	6.738	0.0039	-2.5 to 2.5	Pass
				30	120	4.091	0.0023	-2.5 to 2.5	Pass
				40	120	6.709	0.0038	-2.5 to 2.5	Pass
				50	120	8.011	0.0046	-2.5 to 2.5	Pass

	1777.5	25	0	20	102	-3.304	-0.0019	-2.5 to 2.5	Pass
					120	-0.858	-0.0005	-2.5 to 2.5	Pass
					138	2.789	0.0016	-2.5 to 2.5	Pass
				-30	120	0.916	0.0005	-2.5 to 2.5	Pass
				-20	120	-1.588	-0.0009	-2.5 to 2.5	Pass
				-10	120	-1.087	-0.0006	-2.5 to 2.5	Pass
				0	120	3.648	0.0021	-2.5 to 2.5	Pass
				10	120	4.706	0.0026	-2.5 to 2.5	Pass
				30	120	3.419	0.0019	-2.5 to 2.5	Pass
				40	120	3.090	0.0017	-2.5 to 2.5	Pass
				50	120	3.877	0.0022	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	102	5.279	0.0031	-2.5 to 2.5	Pass
					120	-0.558	-0.0003	-2.5 to 2.5	Pass
					138	2.103	0.0012	-2.5 to 2.5	Pass
				-30	120	5.693	0.0033	-2.5 to 2.5	Pass
				-20	120	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	120	2.360	0.0014	-2.5 to 2.5	Pass
				0	120	-0.458	-0.0003	-2.5 to 2.5	Pass
				10	120	0.315	0.0002	-2.5 to 2.5	Pass
				30	120	-0.215	-0.0001	-2.5 to 2.5	Pass
				40	120	2.375	0.0014	-2.5 to 2.5	Pass
				50	120	1.888	0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	102	5.121	0.0029	-2.5 to 2.5	Pass
					120	1.588	0.0009	-2.5 to 2.5	Pass
					138	-0.973	-0.0006	-2.5 to 2.5	Pass
				-30	120	4.764	0.0027	-2.5 to 2.5	Pass
				-20	120	1.988	0.0011	-2.5 to 2.5	Pass
				-10	120	6.509	0.0037	-2.5 to 2.5	Pass
				0	120	3.061	0.0018	-2.5 to 2.5	Pass
				10	120	3.819	0.0022	-2.5 to 2.5	Pass
				30	120	1.473	0.0008	-2.5 to 2.5	Pass
				40	120	2.661	0.0015	-2.5 to 2.5	Pass
				50	120	7.138	0.0041	-2.5 to 2.5	Pass
	1777.5	25	0	20	102	4.220	0.0024	-2.5 to 2.5	Pass
					120	7.210	0.0041	-2.5 to 2.5	Pass
					138	5.178	0.0029	-2.5 to 2.5	Pass
				-30	120	6.423	0.0036	-2.5 to 2.5	Pass
				-20	120	3.018	0.0017	-2.5 to 2.5	Pass
				-10	120	1.917	0.0011	-2.5 to 2.5	Pass
				0	120	0.601	0.0003	-2.5 to 2.5	Pass
				10	120	3.648	0.0021	-2.5 to 2.5	Pass
				30	120	3.548	0.0020	-2.5 to 2.5	Pass
				40	120	0.830	0.0005	-2.5 to 2.5	Pass
				50	120	-0.715	-0.0004	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	102	-1.674	-0.0010	-2.5 to 2.5	Pass
					120	-1.302	-0.0008	-2.5 to 2.5	Pass
					138	-0.772	-0.0005	-2.5 to 2.5	Pass
				-30	120	0.172	0.0001	-2.5 to 2.5	Pass
				-20	120	1.531	0.0009	-2.5 to 2.5	Pass
				-10	120	1.631	0.0010	-2.5 to 2.5	Pass
				0	120	0.057	0.0000	-2.5 to 2.5	Pass
				10	120	0.730	0.0004	-2.5 to 2.5	Pass

				30	120	0.415	0.0002	-2.5 to 2.5	Pass
				40	120	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	120	4.220	0.0025	-2.5 to 2.5	Pass
	1745	50	0	20	102	1.016	0.0006	-2.5 to 2.5	Pass
					120	1.845	0.0011	-2.5 to 2.5	Pass
					138	2.403	0.0014	-2.5 to 2.5	Pass
				-30	120	1.459	0.0008	-2.5 to 2.5	Pass
				-20	120	1.373	0.0008	-2.5 to 2.5	Pass
				-10	120	-0.544	-0.0003	-2.5 to 2.5	Pass
				0	120	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	120	2.046	0.0012	-2.5 to 2.5	Pass
				30	120	2.232	0.0013	-2.5 to 2.5	Pass
				40	120	0.772	0.0004	-2.5 to 2.5	Pass
				50	120	1.230	0.0007	-2.5 to 2.5	Pass
	1775	50	0	20	102	0.372	0.0002	-2.5 to 2.5	Pass
					120	3.462	0.0020	-2.5 to 2.5	Pass
					138	1.931	0.0011	-2.5 to 2.5	Pass
				-30	120	0.615	0.0003	-2.5 to 2.5	Pass
				-20	120	2.518	0.0014	-2.5 to 2.5	Pass
				-10	120	-2.089	-0.0012	-2.5 to 2.5	Pass
				0	120	-1.359	-0.0008	-2.5 to 2.5	Pass
				10	120	-2.646	-0.0015	-2.5 to 2.5	Pass
				30	120	-2.890	-0.0016	-2.5 to 2.5	Pass
				40	120	0.472	0.0003	-2.5 to 2.5	Pass
				50	120	-2.146	-0.0012	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	102	0.401	0.0002	-2.5 to 2.5	Pass
					120	0.443	0.0003	-2.5 to 2.5	Pass
					138	0.243	0.0001	-2.5 to 2.5	Pass
				-30	120	0.772	0.0005	-2.5 to 2.5	Pass
				-20	120	-0.014	0.0000	-2.5 to 2.5	Pass
				-10	120	0.715	0.0004	-2.5 to 2.5	Pass
				0	120	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	120	3.204	0.0019	-2.5 to 2.5	Pass
				30	120	0.672	0.0004	-2.5 to 2.5	Pass
				40	120	1.230	0.0007	-2.5 to 2.5	Pass
				50	120	0.687	0.0004	-2.5 to 2.5	Pass
	1745	50	0	20	102	2.117	0.0012	-2.5 to 2.5	Pass
					120	-0.715	-0.0004	-2.5 to 2.5	Pass
					138	0.529	0.0003	-2.5 to 2.5	Pass
				-30	120	-0.987	-0.0006	-2.5 to 2.5	Pass
				-20	120	0.415	0.0002	-2.5 to 2.5	Pass
				-10	120	2.718	0.0016	-2.5 to 2.5	Pass
				0	120	0.658	0.0004	-2.5 to 2.5	Pass
				10	120	-1.402	-0.0008	-2.5 to 2.5	Pass
				30	120	-0.315	-0.0002	-2.5 to 2.5	Pass
				40	120	2.661	0.0015	-2.5 to 2.5	Pass
				50	120	-0.587	-0.0003	-2.5 to 2.5	Pass
	1775	50	0	20	102	-1.888	-0.0011	-2.5 to 2.5	Pass
					120	0.129	0.0001	-2.5 to 2.5	Pass
					138	0.558	0.0003	-2.5 to 2.5	Pass
				-30	120	-1.016	-0.0006	-2.5 to 2.5	Pass
				-20	120	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	120	0.386	0.0002	-2.5 to 2.5	Pass
				0	120	1.287	0.0007	-2.5 to 2.5	Pass
				10	120	1.087	0.0006	-2.5 to 2.5	Pass
				30	120	-1.287	-0.0007	-2.5 to 2.5	Pass
				40	120	-0.229	-0.0001	-2.5 to 2.5	Pass
				50	120	-1.545	-0.0009	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	102	0.272	0.0002	-2.5 to 2.5	Pass
					120	1.345	0.0008	-2.5 to 2.5	Pass
					138	0.014	0.0000	-2.5 to 2.5	Pass
				-30	120	-0.172	-0.0001	-2.5 to 2.5	Pass
				-20	120	2.146	0.0012	-2.5 to 2.5	Pass
				-10	120	-3.090	-0.0018	-2.5 to 2.5	Pass
				0	120	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	120	1.588	0.0009	-2.5 to 2.5	Pass
				30	120	2.518	0.0015	-2.5 to 2.5	Pass
				40	120	1.545	0.0009	-2.5 to 2.5	Pass
				50	120	1.745	0.0010	-2.5 to 2.5	Pass
	1745	75	0	20	102	-1.087	-0.0006	-2.5 to 2.5	Pass
					120	-2.961	-0.0017	-2.5 to 2.5	Pass
					138	-3.018	-0.0017	-2.5 to 2.5	Pass
				-30	120	-3.376	-0.0019	-2.5 to 2.5	Pass
				-20	120	-4.535	-0.0026	-2.5 to 2.5	Pass
				-10	120	-2.074	-0.0012	-2.5 to 2.5	Pass
				0	120	-3.448	-0.0020	-2.5 to 2.5	Pass
				10	120	-3.390	-0.0019	-2.5 to 2.5	Pass
				30	120	-2.775	-0.0016	-2.5 to 2.5	Pass
				40	120	-1.202	-0.0007	-2.5 to 2.5	Pass
				50	120	-2.317	-0.0013	-2.5 to 2.5	Pass
	1772.5	75	0	20	102	-5.350	-0.0030	-2.5 to 2.5	Pass
					120	-4.492	-0.0025	-2.5 to 2.5	Pass
					138	-5.980	-0.0034	-2.5 to 2.5	Pass
				-30	120	-6.952	-0.0039	-2.5 to 2.5	Pass
				-20	120	-4.578	-0.0026	-2.5 to 2.5	Pass
				-10	120	-5.407	-0.0031	-2.5 to 2.5	Pass
				0	120	-6.022	-0.0034	-2.5 to 2.5	Pass
				10	120	-5.665	-0.0032	-2.5 to 2.5	Pass
				30	120	-4.549	-0.0026	-2.5 to 2.5	Pass
				40	120	-4.578	-0.0026	-2.5 to 2.5	Pass
				50	120	-3.376	-0.0019	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	102	1.187	0.0007	-2.5 to 2.5	Pass
					120	1.988	0.0012	-2.5 to 2.5	Pass
					138	0.014	0.0000	-2.5 to 2.5	Pass
				-30	120	1.631	0.0009	-2.5 to 2.5	Pass
				-20	120	1.717	0.0010	-2.5 to 2.5	Pass
				-10	120	2.375	0.0014	-2.5 to 2.5	Pass
				0	120	2.017	0.0012	-2.5 to 2.5	Pass
				10	120	1.187	0.0007	-2.5 to 2.5	Pass
				30	120	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	120	4.449	0.0026	-2.5 to 2.5	Pass
				50	120	6.123	0.0036	-2.5 to 2.5	Pass
	1745	75	0	20	102	0.143	0.0001	-2.5 to 2.5	Pass
					120	-1.845	-0.0011	-2.5 to 2.5	Pass
					138	-0.300	-0.0002	-2.5 to 2.5	Pass
				-30	120	1.087	0.0006	-2.5 to 2.5	Pass
				-20	120	2.832	0.0016	-2.5 to 2.5	Pass
				-10	120	0.744	0.0004	-2.5 to 2.5	Pass
				0	120	1.459	0.0008	-2.5 to 2.5	Pass
				10	120	2.031	0.0012	-2.5 to 2.5	Pass
				30	120	4.206	0.0024	-2.5 to 2.5	Pass
				40	120	3.548	0.0020	-2.5 to 2.5	Pass
				50	120	3.290	0.0019	-2.5 to 2.5	Pass

	1772.5	75	0	20	102	-0.443	-0.0002	-2.5 to 2.5	Pass
					120	-3.161	-0.0018	-2.5 to 2.5	Pass
					138	-3.791	-0.0021	-2.5 to 2.5	Pass
				-30	120	-3.748	-0.0021	-2.5 to 2.5	Pass
				-20	120	-3.619	-0.0020	-2.5 to 2.5	Pass
				-10	120	-3.018	-0.0017	-2.5 to 2.5	Pass
				0	120	-1.402	-0.0008	-2.5 to 2.5	Pass
				10	120	-3.090	-0.0017	-2.5 to 2.5	Pass
				30	120	-4.377	-0.0025	-2.5 to 2.5	Pass
				40	120	-2.875	-0.0016	-2.5 to 2.5	Pass
				50	120	-3.848	-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 (VAC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	102	-1.087	-0.0006	-2.5 to 2.5	Pass
					120	-0.372	-0.0002	-2.5 to 2.5	Pass
					138	-0.343	-0.0002	-2.5 to 2.5	Pass
				-30	120	1.001	0.0006	-2.5 to 2.5	Pass
				-20	120	0.801	0.0005	-2.5 to 2.5	Pass
				-10	120	2.303	0.0013	-2.5 to 2.5	Pass
				0	120	-0.529	-0.0003	-2.5 to 2.5	Pass
				10	120	-1.373	-0.0008	-2.5 to 2.5	Pass
				30	120	-2.360	-0.0014	-2.5 to 2.5	Pass
				40	120	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	120	-1.159	-0.0007	-2.5 to 2.5	Pass
	1745	100	0	20	102	0.644	0.0004	-2.5 to 2.5	Pass
					120	1.459	0.0008	-2.5 to 2.5	Pass
					138	1.788	0.0010	-2.5 to 2.5	Pass
				-30	120	2.375	0.0014	-2.5 to 2.5	Pass
				-20	120	3.991	0.0023	-2.5 to 2.5	Pass
				-10	120	1.903	0.0011	-2.5 to 2.5	Pass
				0	120	3.347	0.0019	-2.5 to 2.5	Pass
				10	120	5.078	0.0029	-2.5 to 2.5	Pass
				30	120	0.544	0.0003	-2.5 to 2.5	Pass
				40	120	-1.731	-0.0010	-2.5 to 2.5	Pass
				50	120	-1.216	-0.0007	-2.5 to 2.5	Pass
	1770	100	0	20	102	2.618	0.0015	-2.5 to 2.5	Pass
					120	2.074	0.0012	-2.5 to 2.5	Pass
					138	1.130	0.0006	-2.5 to 2.5	Pass
				-30	120	2.060	0.0012	-2.5 to 2.5	Pass
				-20	120	0.358	0.0002	-2.5 to 2.5	Pass
				-10	120	2.031	0.0011	-2.5 to 2.5	Pass
				0	120	1.230	0.0007	-2.5 to 2.5	Pass
				10	120	2.103	0.0012	-2.5 to 2.5	Pass
				30	120	0.930	0.0005	-2.5 to 2.5	Pass
				40	120	3.533	0.0020	-2.5 to 2.5	Pass
				50	120	2.260	0.0013	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	102	-0.601	-0.0003	-2.5 to 2.5	Pass
					120	1.988	0.0012	-2.5 to 2.5	Pass
					138	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	120	-0.057	0.0000	-2.5 to 2.5	Pass
				-20	120	0.844	0.0005	-2.5 to 2.5	Pass
				-10	120	-2.275	-0.0013	-2.5 to 2.5	Pass
				0	120	-1.416	-0.0008	-2.5 to 2.5	Pass
				10	120	-0.129	-0.0001	-2.5 to 2.5	Pass

				30	120	-1.903	-0.0011	-2.5 to 2.5	Pass
				40	120	-3.362	-0.0020	-2.5 to 2.5	Pass
				50	120	-2.117	-0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	102	-3.462	-0.0020	-2.5 to 2.5	Pass
					120	-1.416	-0.0008	-2.5 to 2.5	Pass
					138	-1.802	-0.0010	-2.5 to 2.5	Pass
				-30	120	3.119	0.0018	-2.5 to 2.5	Pass
				-20	120	1.173	0.0007	-2.5 to 2.5	Pass
				-10	120	3.219	0.0018	-2.5 to 2.5	Pass
				0	120	3.462	0.0020	-2.5 to 2.5	Pass
				10	120	-0.157	-0.0001	-2.5 to 2.5	Pass
				30	120	-0.715	-0.0004	-2.5 to 2.5	Pass
				40	120	1.574	0.0009	-2.5 to 2.5	Pass
				50	120	-0.944	-0.0005	-2.5 to 2.5	Pass
	1770	100	0	20	102	-2.489	-0.0014	-2.5 to 2.5	Pass
					120	-2.747	-0.0016	-2.5 to 2.5	Pass
					138	-2.646	-0.0015	-2.5 to 2.5	Pass
				-30	120	-1.388	-0.0008	-2.5 to 2.5	Pass
				-20	120	-3.762	-0.0021	-2.5 to 2.5	Pass
				-10	120	-1.187	-0.0007	-2.5 to 2.5	Pass
				0	120	-1.745	-0.0010	-2.5 to 2.5	Pass
				10	120	2.604	0.0015	-2.5 to 2.5	Pass
				30	120	1.502	0.0008	-2.5 to 2.5	Pass
				40	120	0.587	0.0003	-2.5 to 2.5	Pass
				50	120	0.772	0.0004	-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

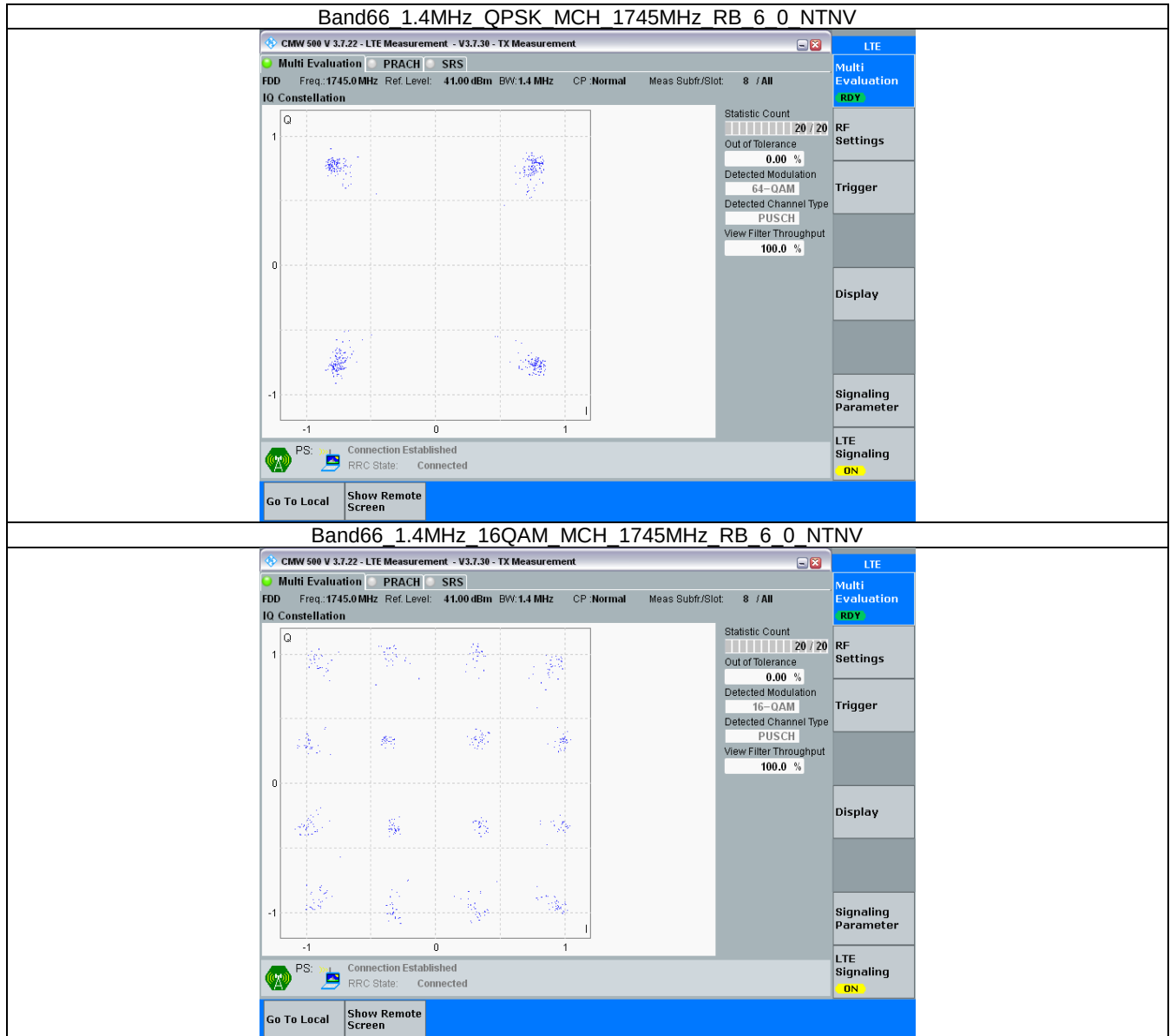
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

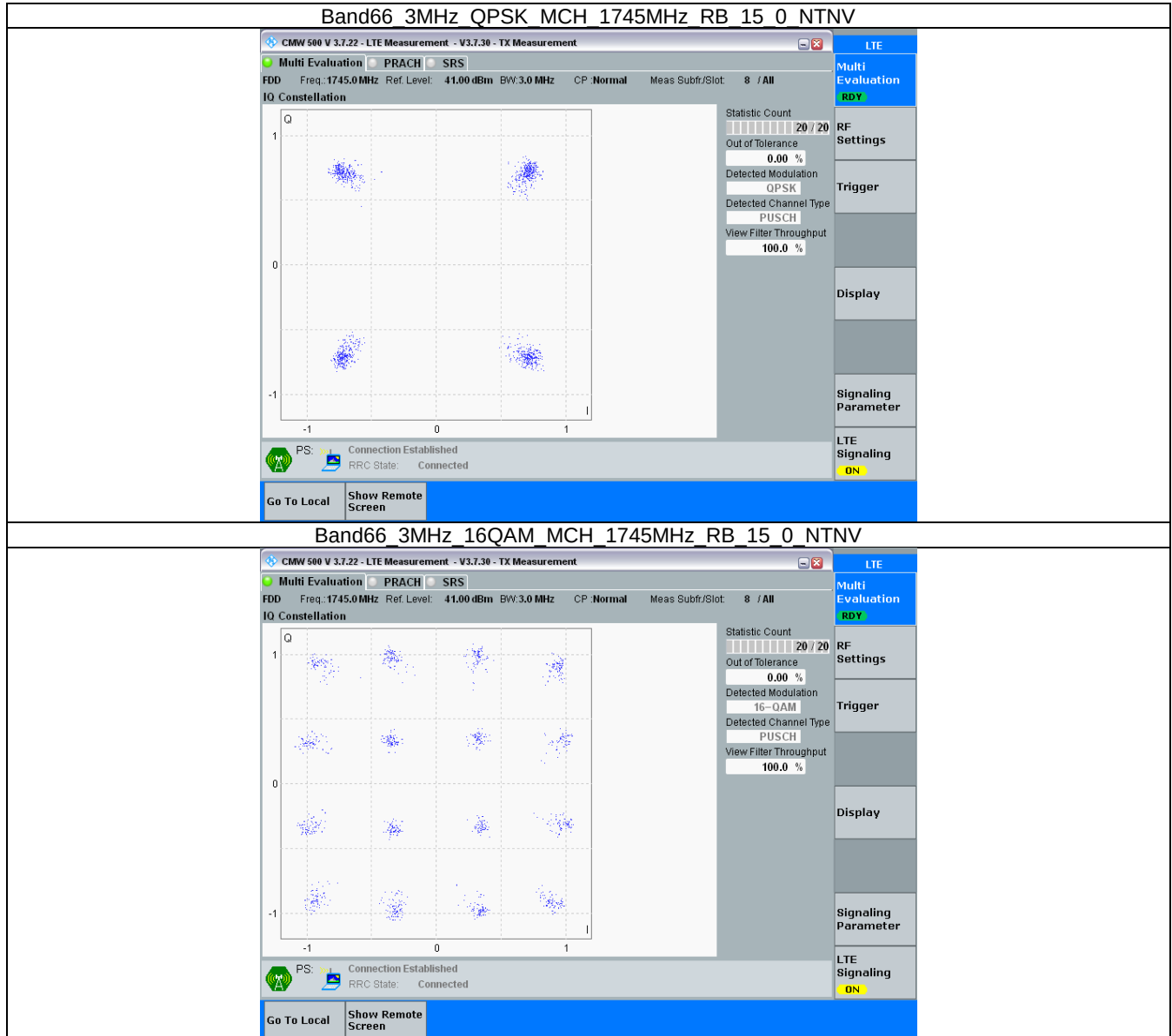
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

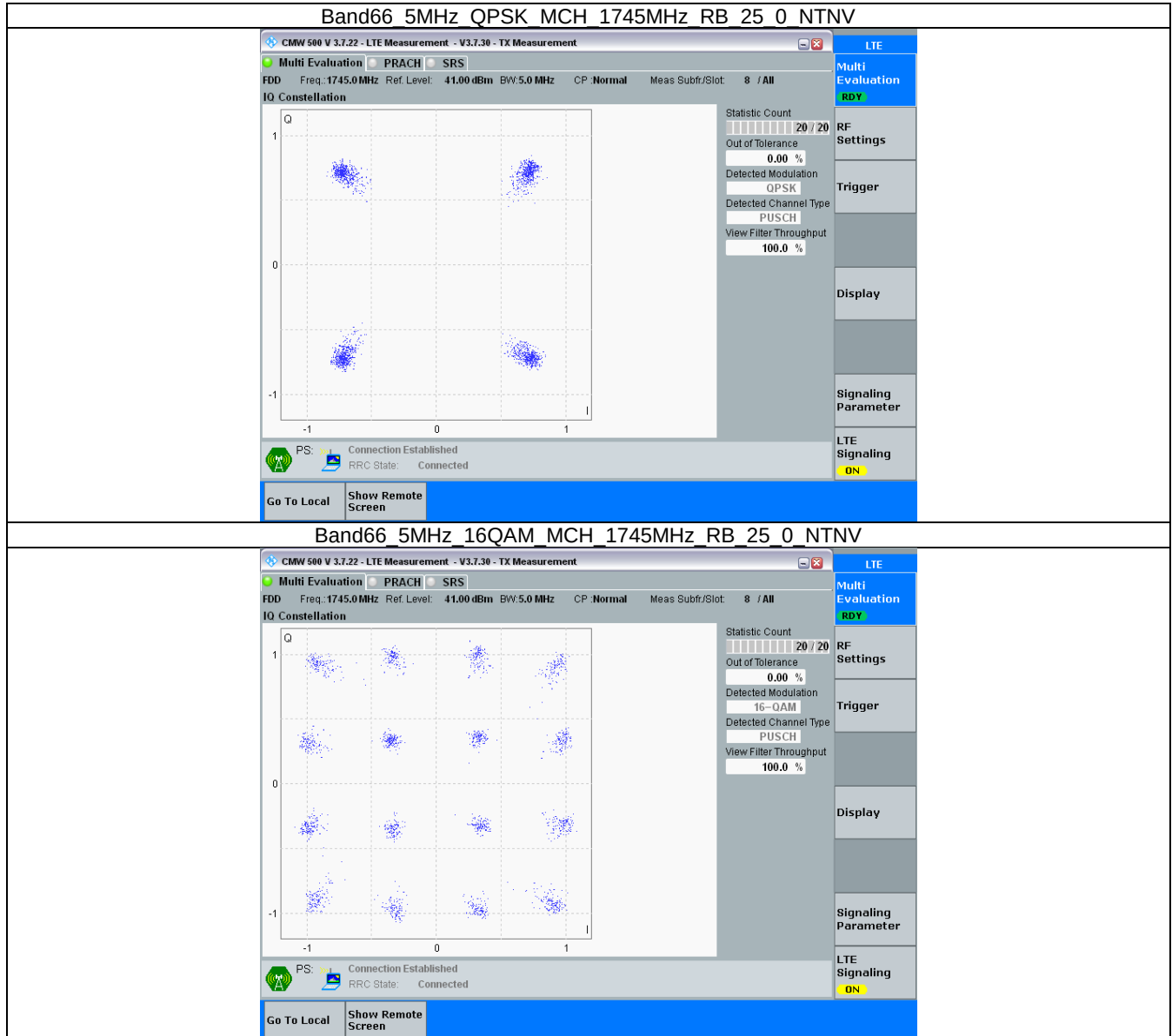
3.2.1 B66_1.4MHz



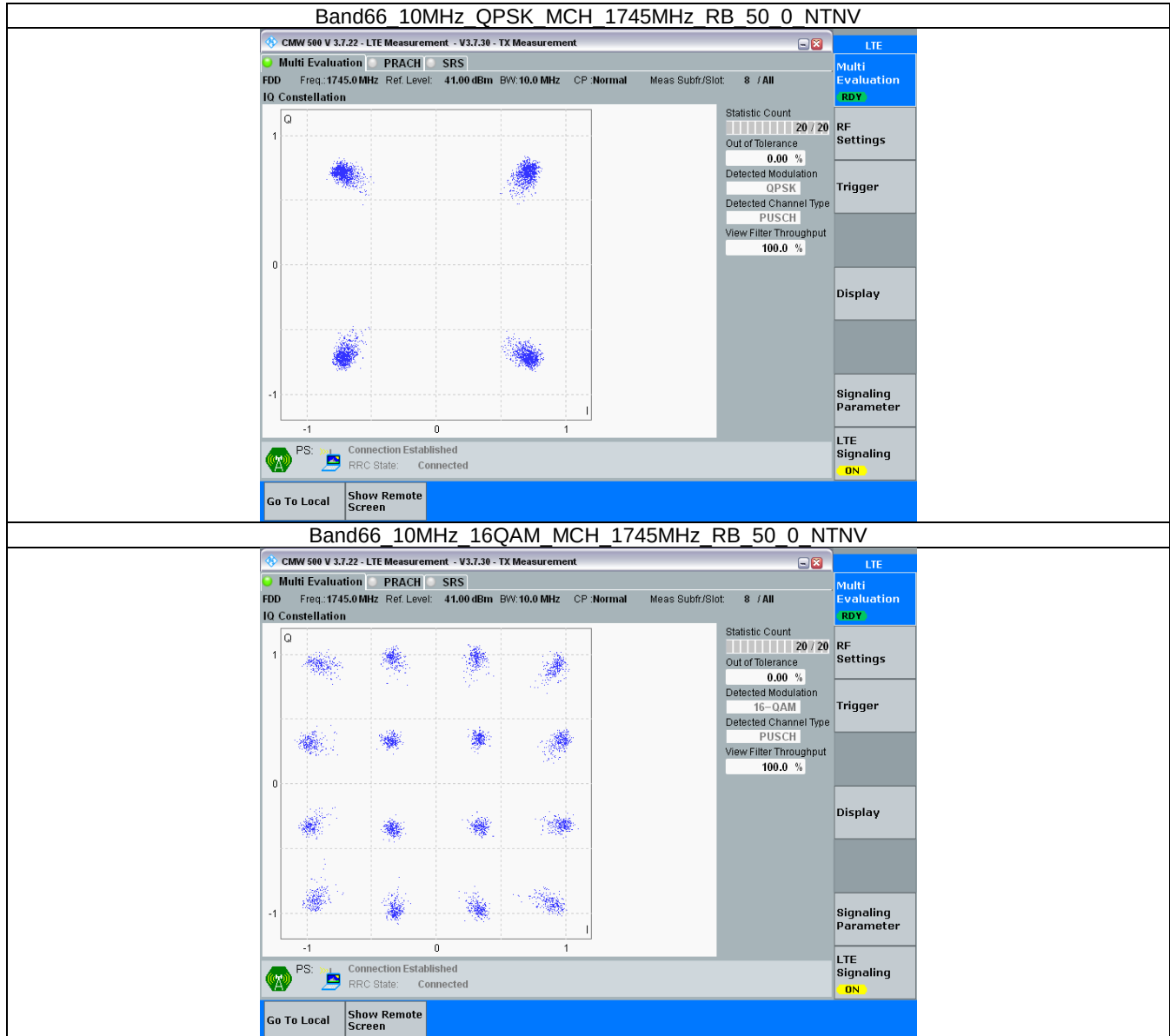
3.2.2 B66_3MHz



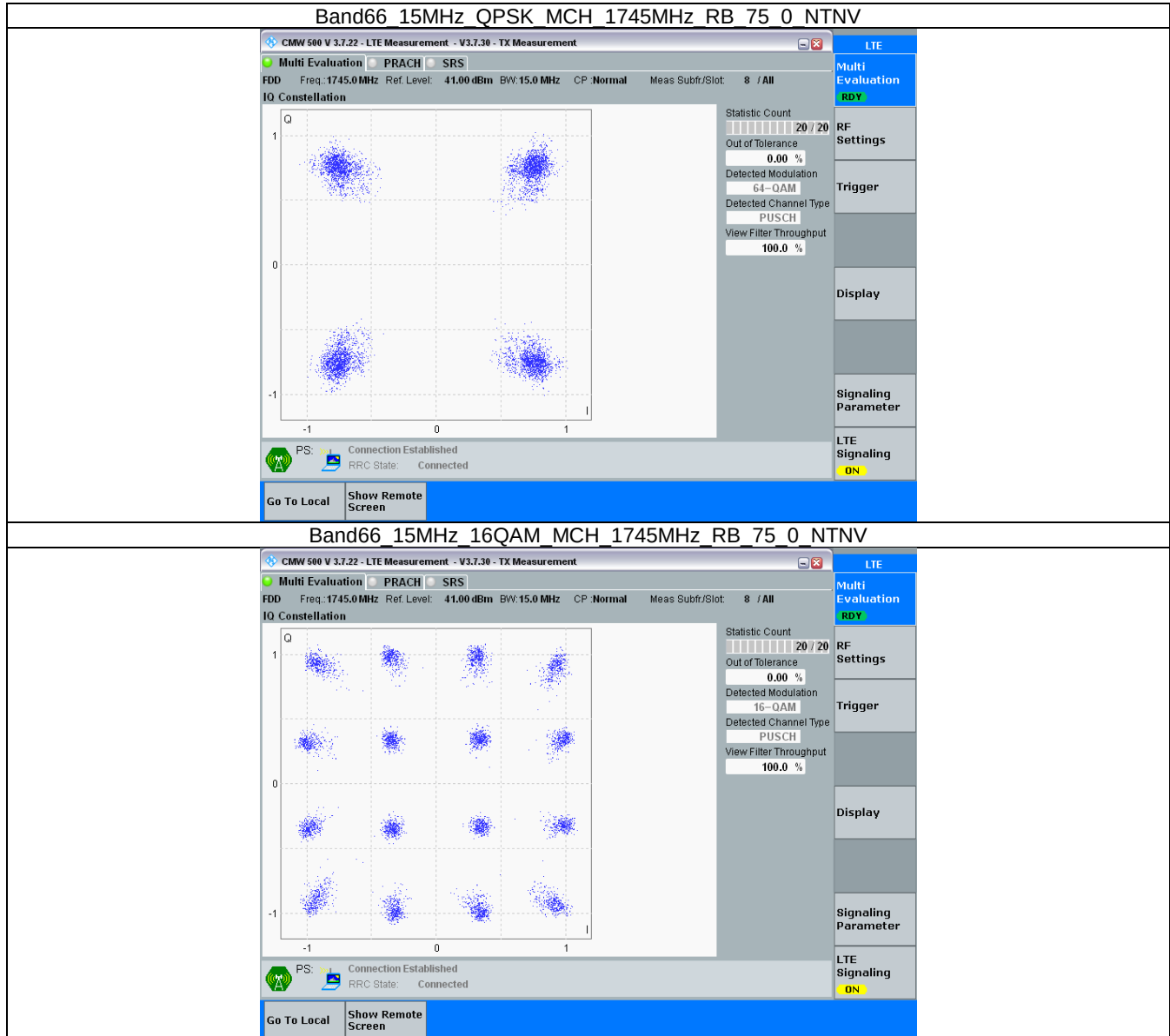
3.2.3 B66_5MHz



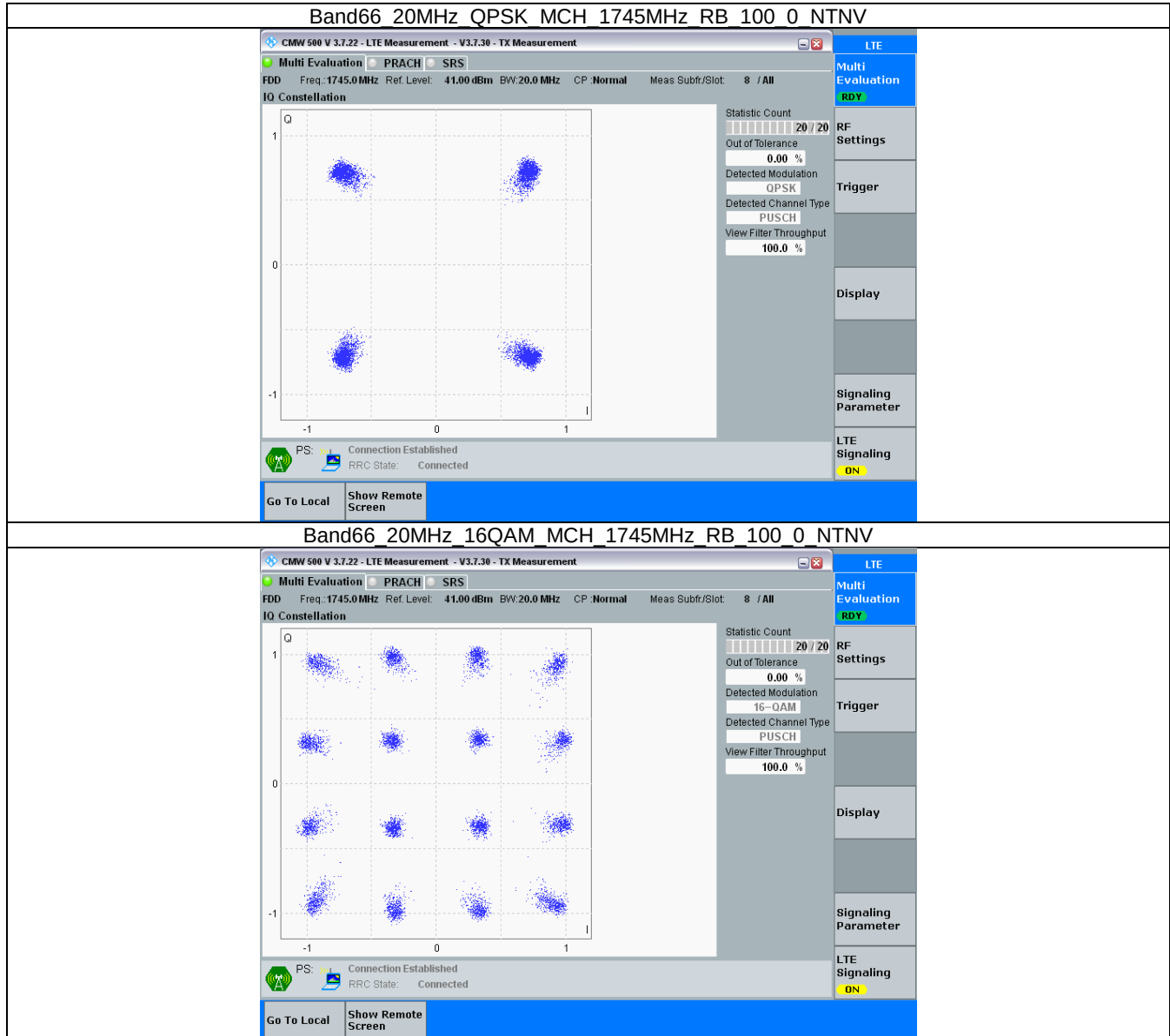
3.2.4 B66_10MHz



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	1.149	/	Pass
		1745	6	0	1.247	/	Pass
		1779.3	6	0	1.109	/	Pass
	16QAM	1710.7	6	0	1.141	/	Pass
		1745	6	0	1.149	/	Pass
		1779.3	6	0	1.114	/	Pass
3	QPSK	1711.5	15	0	2.765	/	Pass
		1745	15	0	2.826	/	Pass
		1778.5	15	0	2.733	/	Pass
	16QAM	1711.5	15	0	2.762	/	Pass
		1745	15	0	2.810	/	Pass
		1778.5	15	0	2.725	/	Pass
5	QPSK	1712.5	25	0	4.584	/	Pass
		1745	25	0	4.757	/	Pass
		1777.5	25	0	4.565	/	Pass
	16QAM	1712.5	25	0	4.610	/	Pass
		1745	25	0	4.655	/	Pass
		1777.5	25	0	4.534	/	Pass
10	QPSK	1715	50	0	9.073	/	Pass
		1745	50	0	9.283	/	Pass
		1775	50	0	9.038	/	Pass
	16QAM	1715	50	0	9.071	/	Pass
		1745	50	0	9.207	/	Pass
		1775	50	0	9.020	/	Pass
15	QPSK	1717.5	75	0	13.617	/	Pass
		1745	75	0	13.910	/	Pass
		1772.5	75	0	13.592	/	Pass
	16QAM	1717.5	75	0	13.637	/	Pass
		1745	75	0	13.814	/	Pass
		1772.5	75	0	13.637	/	Pass
20	QPSK	1720	100	0	18.178	/	Pass
		1745	100	0	18.343	/	Pass
		1770	100	0	18.207	/	Pass
	16QAM	1720	100	0	18.202	/	Pass
		1745	100	0	18.272	/	Pass
		1770	100	0	18.291	/	Pass

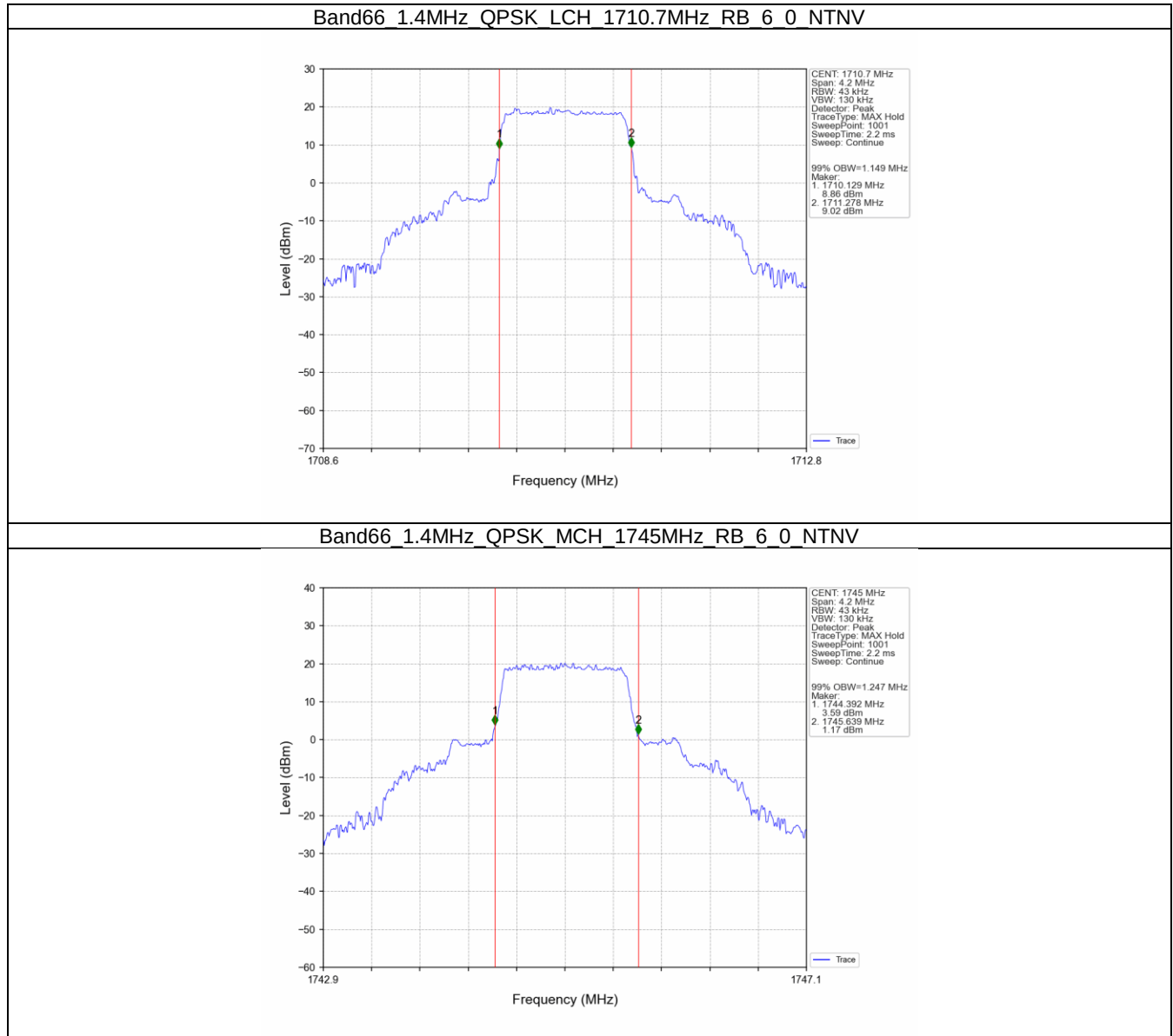
4.1.2 Band66_XDB

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	2.071	/	Pass
		1745	6	0	2.423	/	Pass
		1779.3	6	0	1.326	/	Pass
	16QAM	1710.7	6	0	1.903	/	Pass
		1745	6	0	2.506	/	Pass
		1779.3	6	0	1.318	/	Pass
3	QPSK	1711.5	15	0	3.889	/	Pass

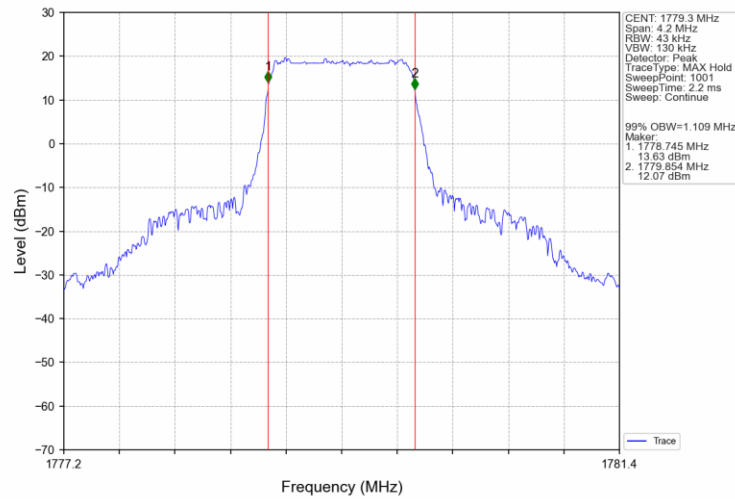
	16QAM	1745	15	0	5.605	/	Pass
		1778.5	15	0	3.015	/	Pass
		1711.5	15	0	4.661	/	Pass
		1745	15	0	6.293	/	Pass
		1778.5	15	0	2.996	/	Pass
5	QPSK	1712.5	25	0	6.652	/	Pass
		1745	25	0	10.536	/	Pass
		1777.5	25	0	5.042	/	Pass
	16QAM	1712.5	25	0	7.096	/	Pass
		1745	25	0	9.128	/	Pass
		1777.5	25	0	5.031	/	Pass
10	QPSK	1715	50	0	10.156	/	Pass
		1745	50	0	17.884	/	Pass
		1775	50	0	10.029	/	Pass
	16QAM	1715	50	0	10.141	/	Pass
		1745	50	0	17.542	/	Pass
		1775	50	0	9.957	/	Pass
15	QPSK	1717.5	75	0	15.271	/	Pass
		1745	75	0	24.557	/	Pass
		1772.5	75	0	15.299	/	Pass
	16QAM	1717.5	75	0	14.933	/	Pass
		1745	75	0	26.092	/	Pass
		1772.5	75	0	14.992	/	Pass
20	QPSK	1720	100	0	19.973	/	Pass
		1745	100	0	29.354	/	Pass
		1770	100	0	22.907	/	Pass
	16QAM	1720	100	0	21.011	/	Pass
		1745	100	0	27.019	/	Pass
		1770	100	0	26.769	/	Pass

4.2 Test Graph

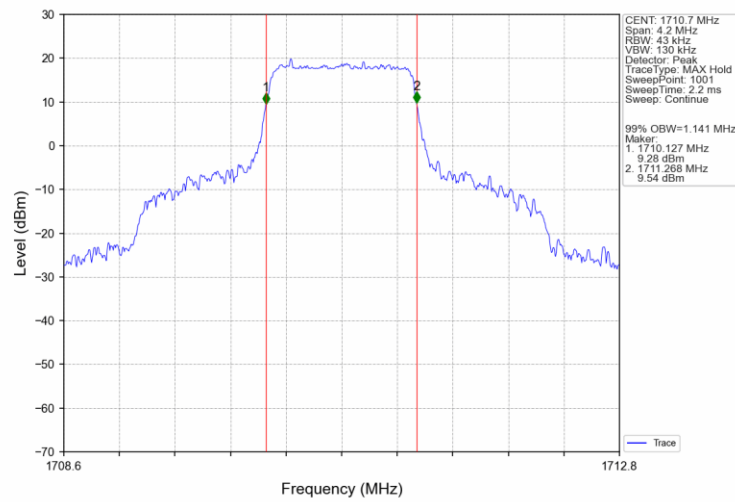
4.2.1 Band66_OBW



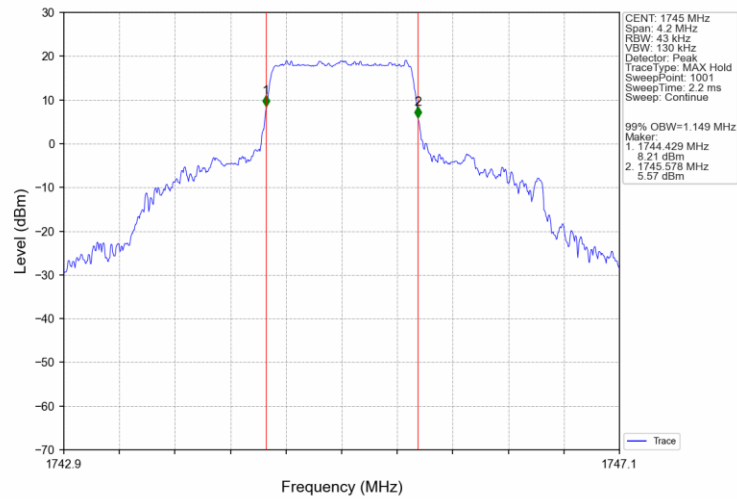
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



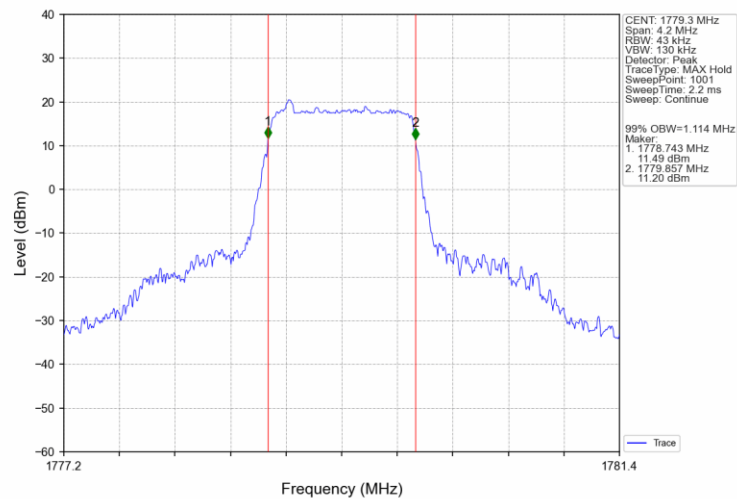
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



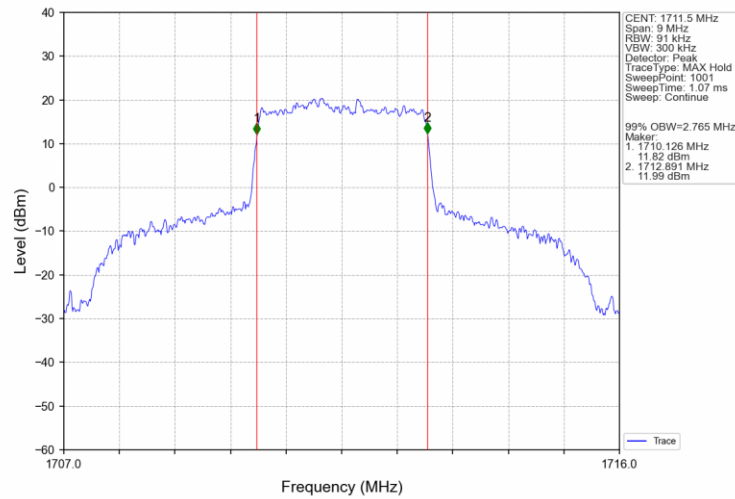
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



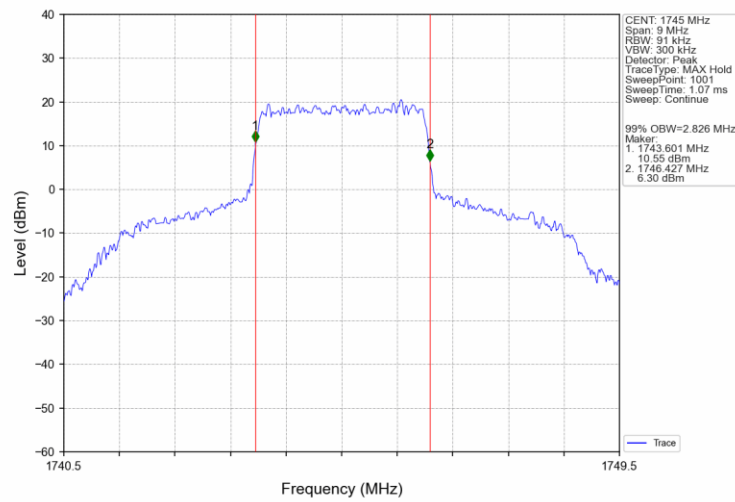
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



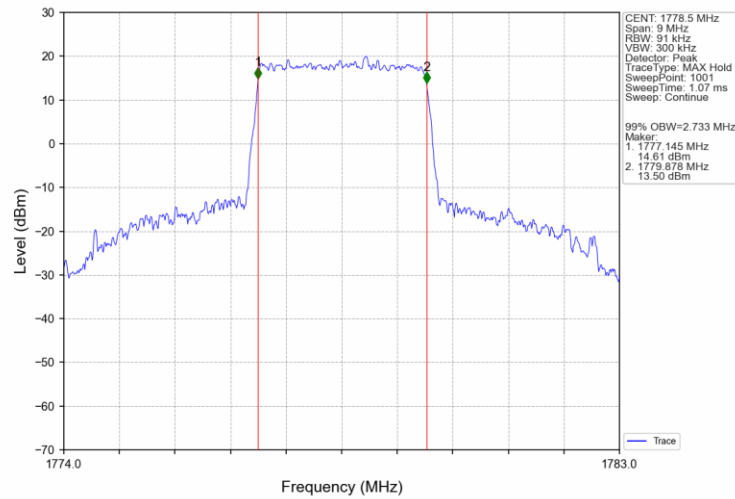
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



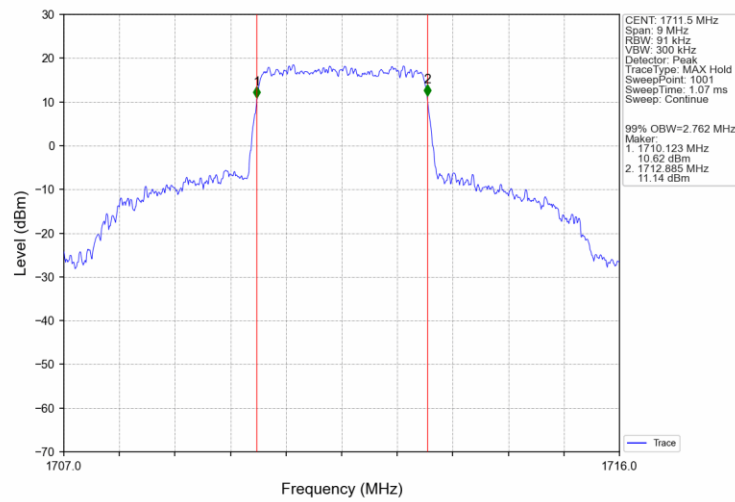
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



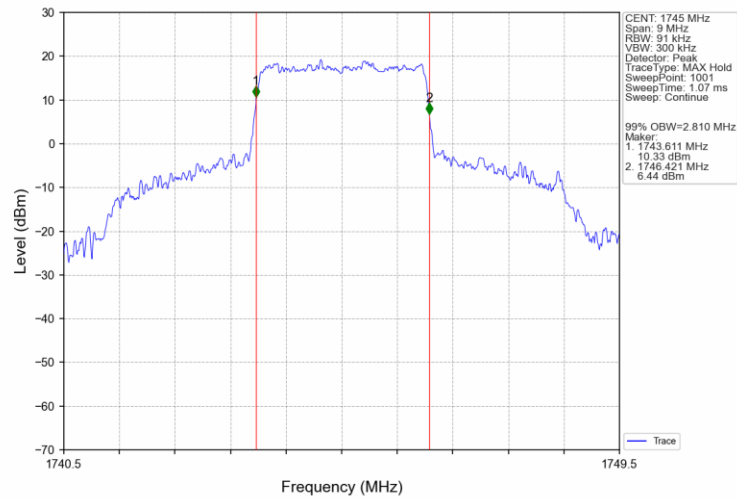
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



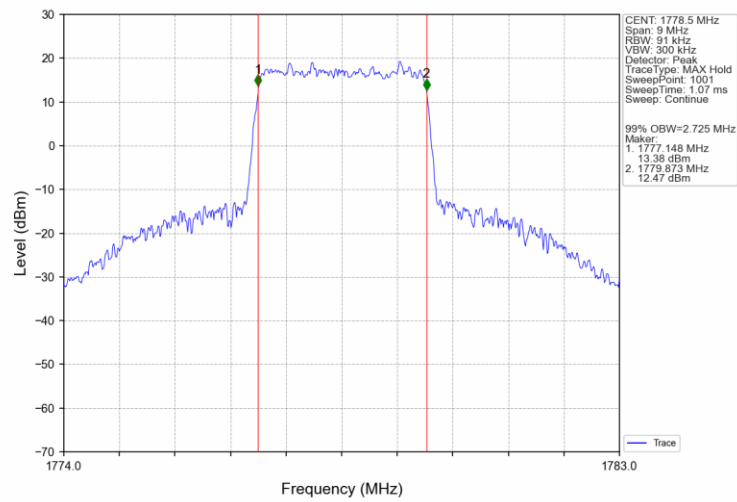
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



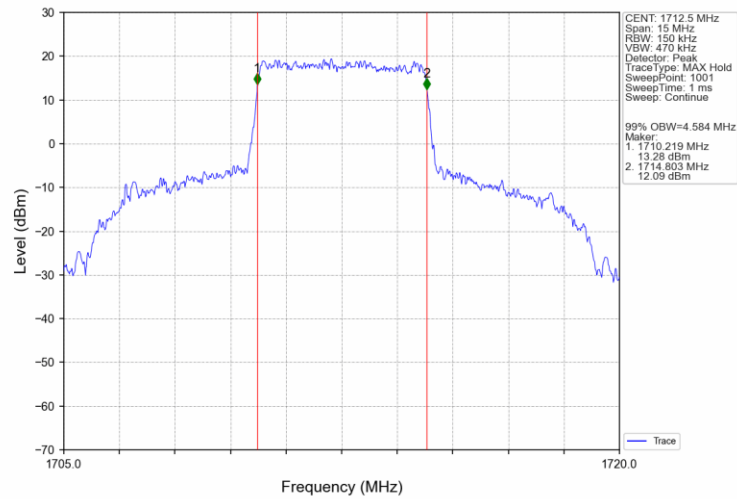
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



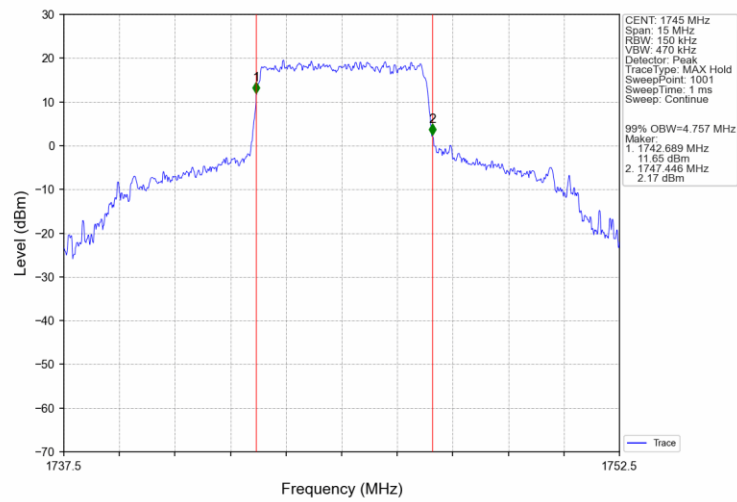
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



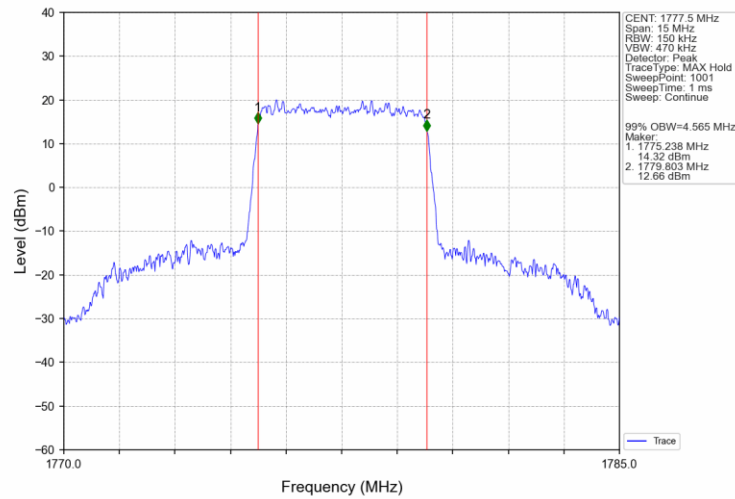
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



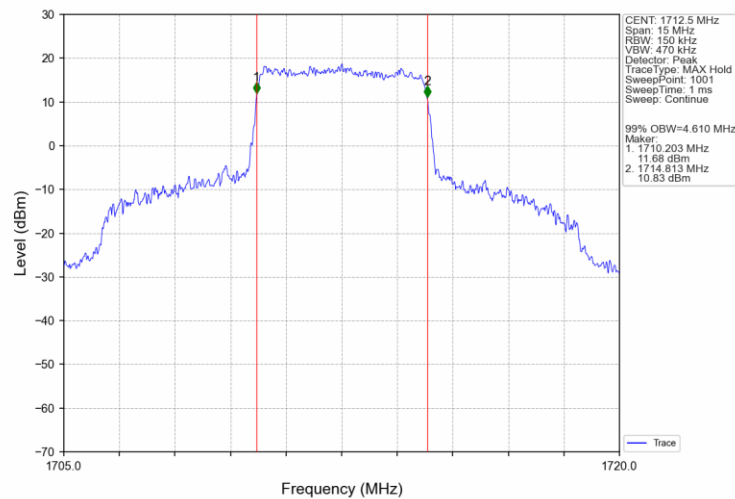
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



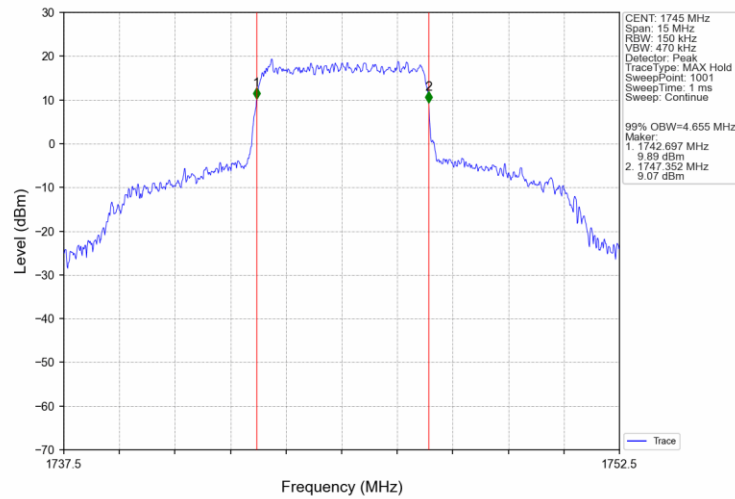
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



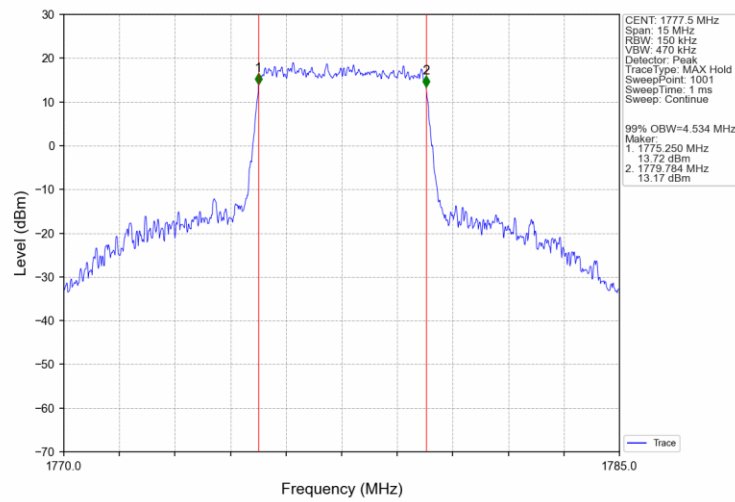
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



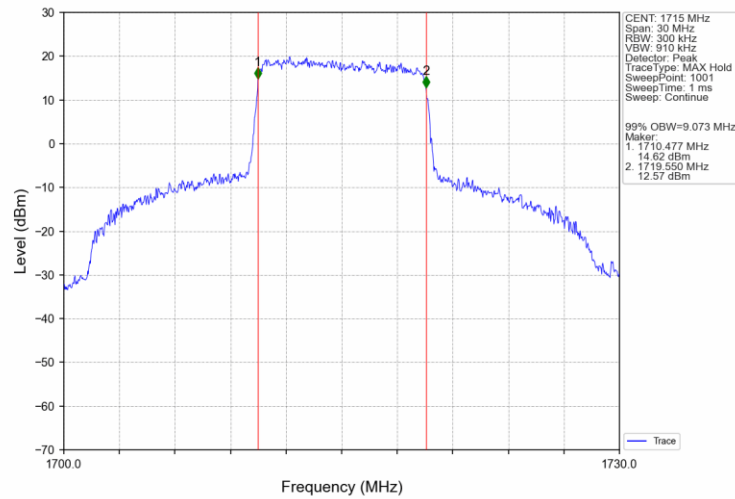
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



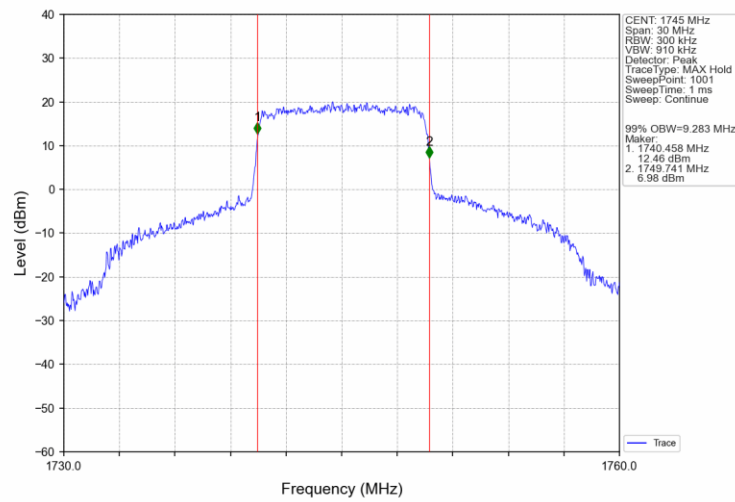
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



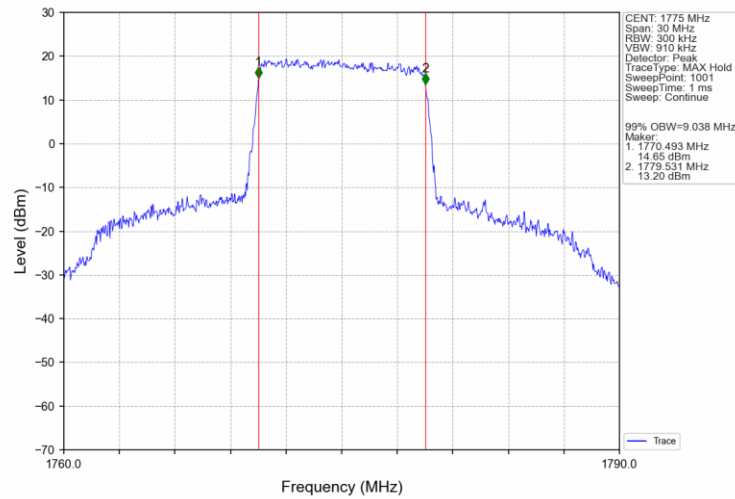
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



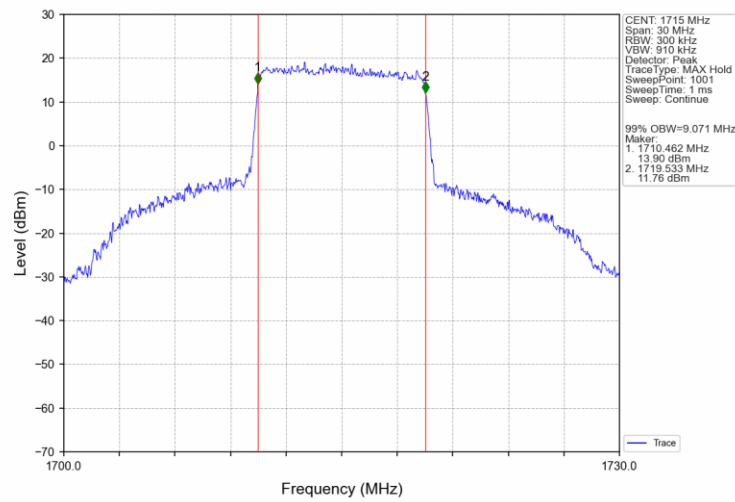
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



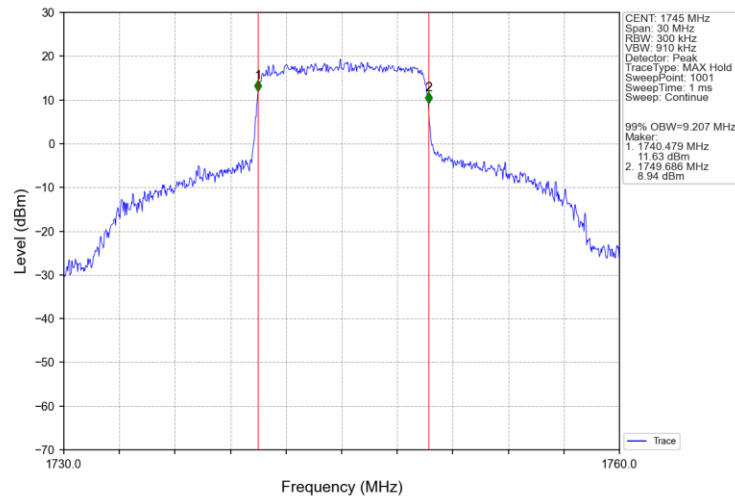
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



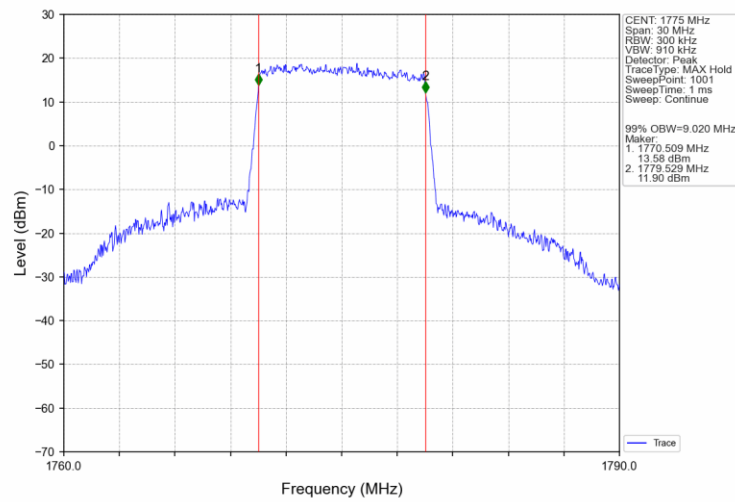
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



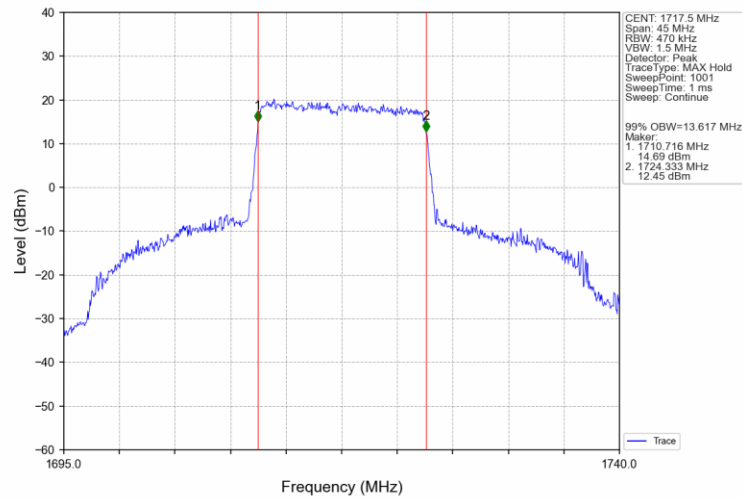
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



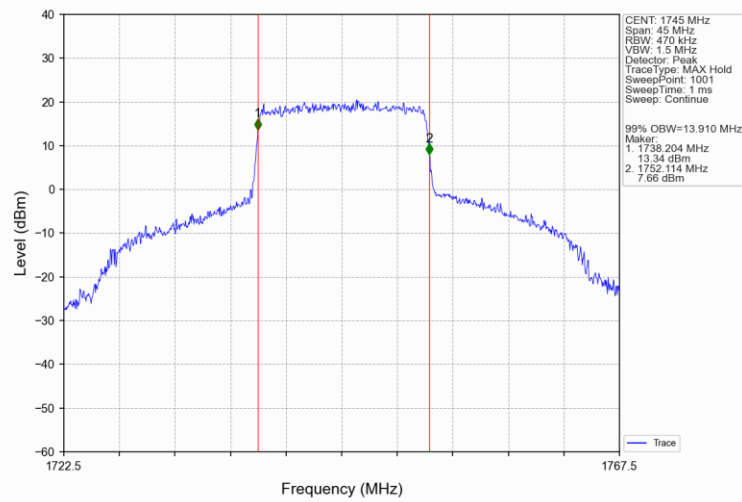
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



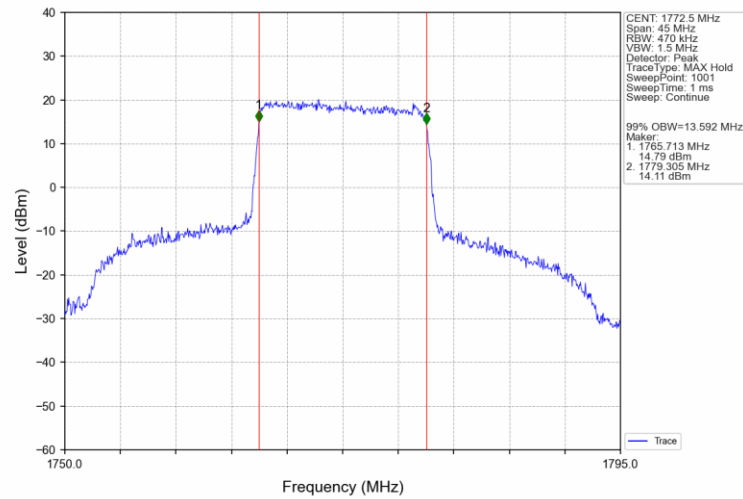
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



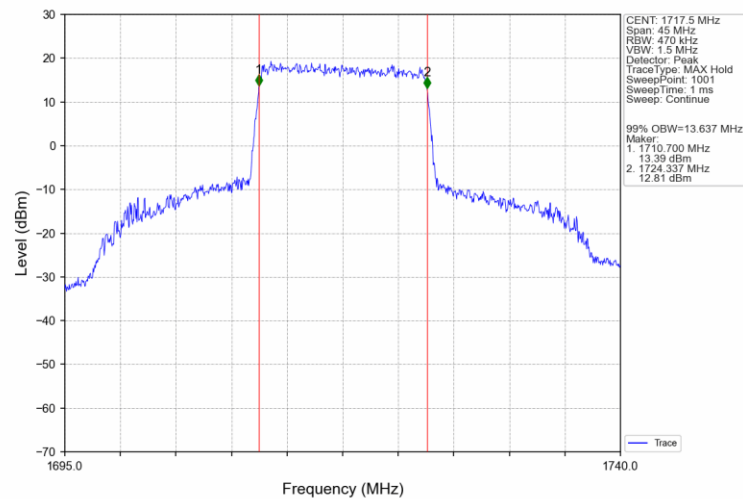
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



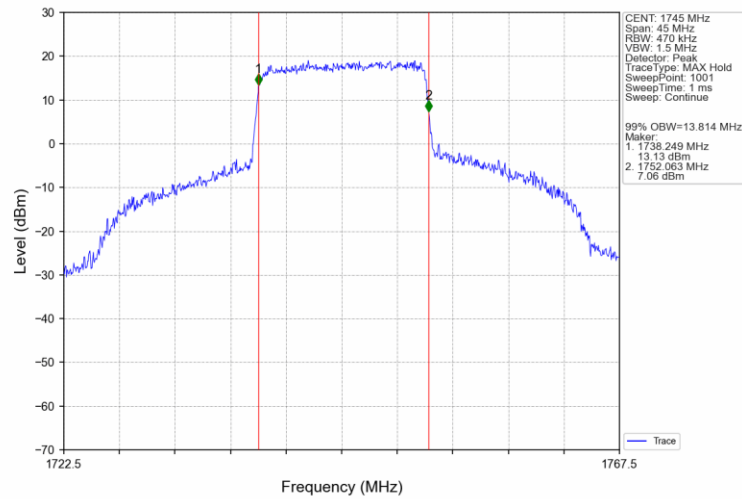
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



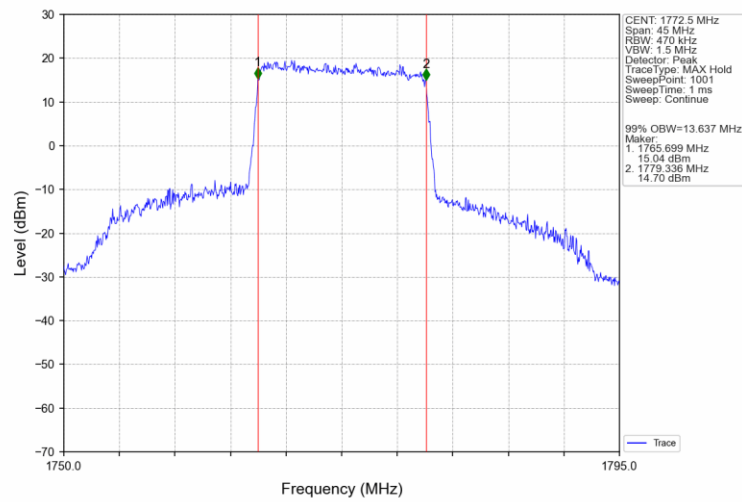
Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



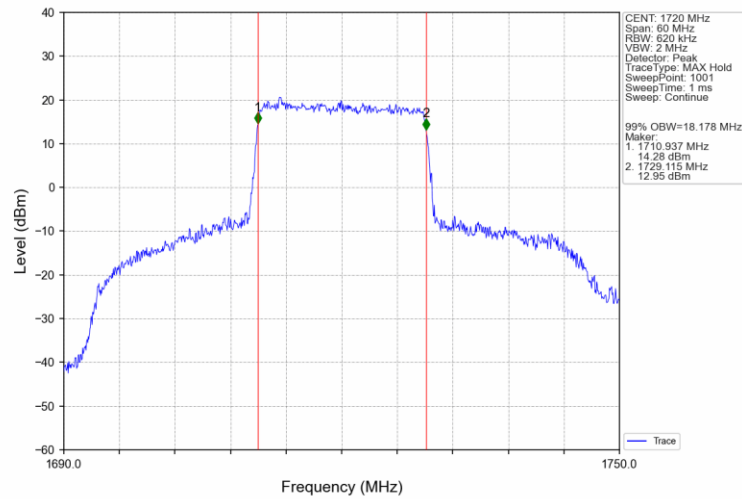
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTN



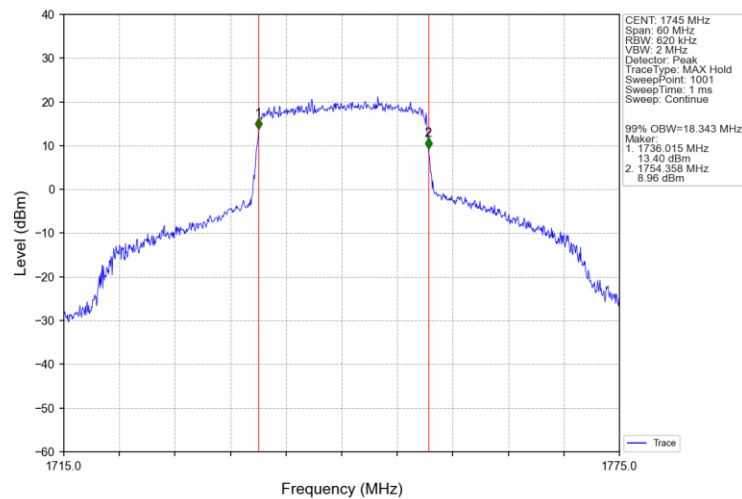
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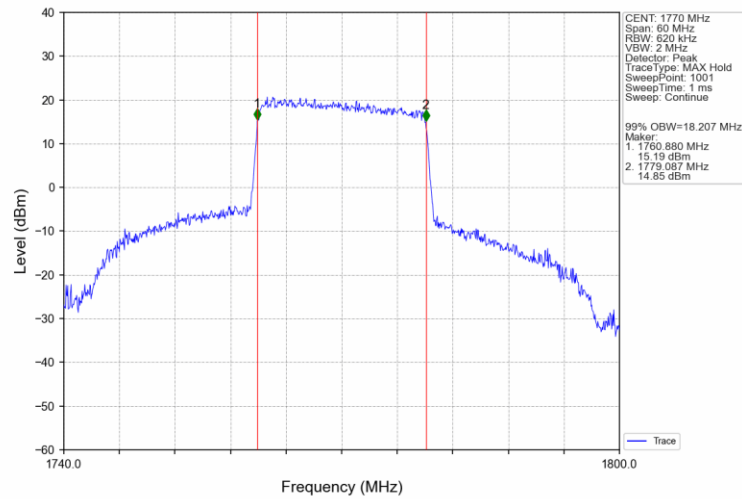
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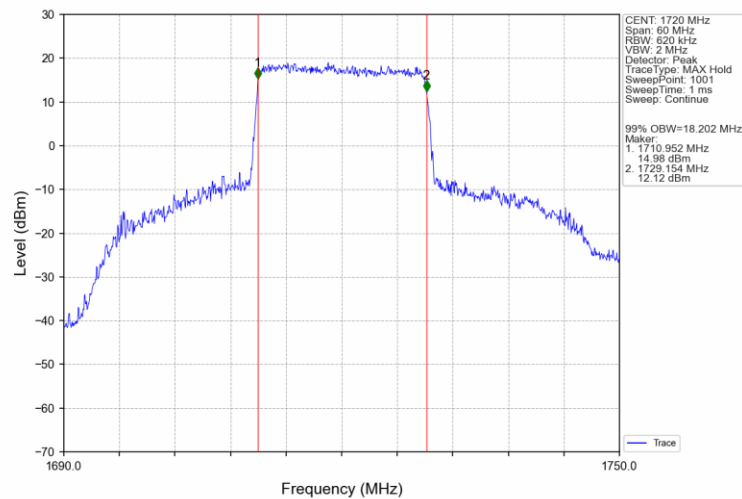
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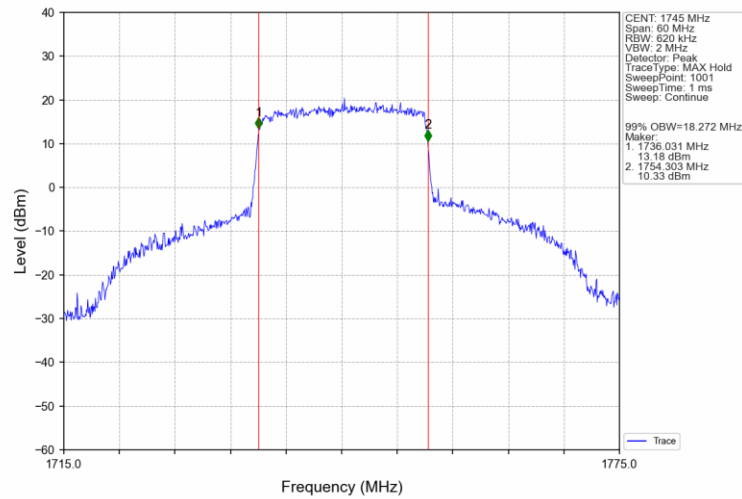
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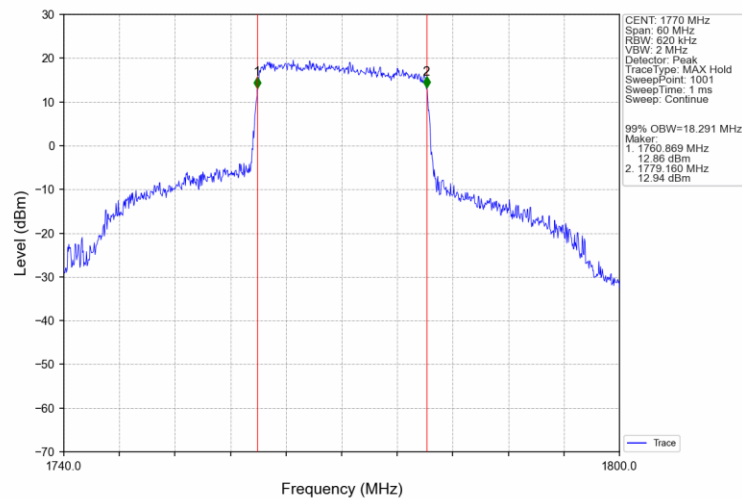
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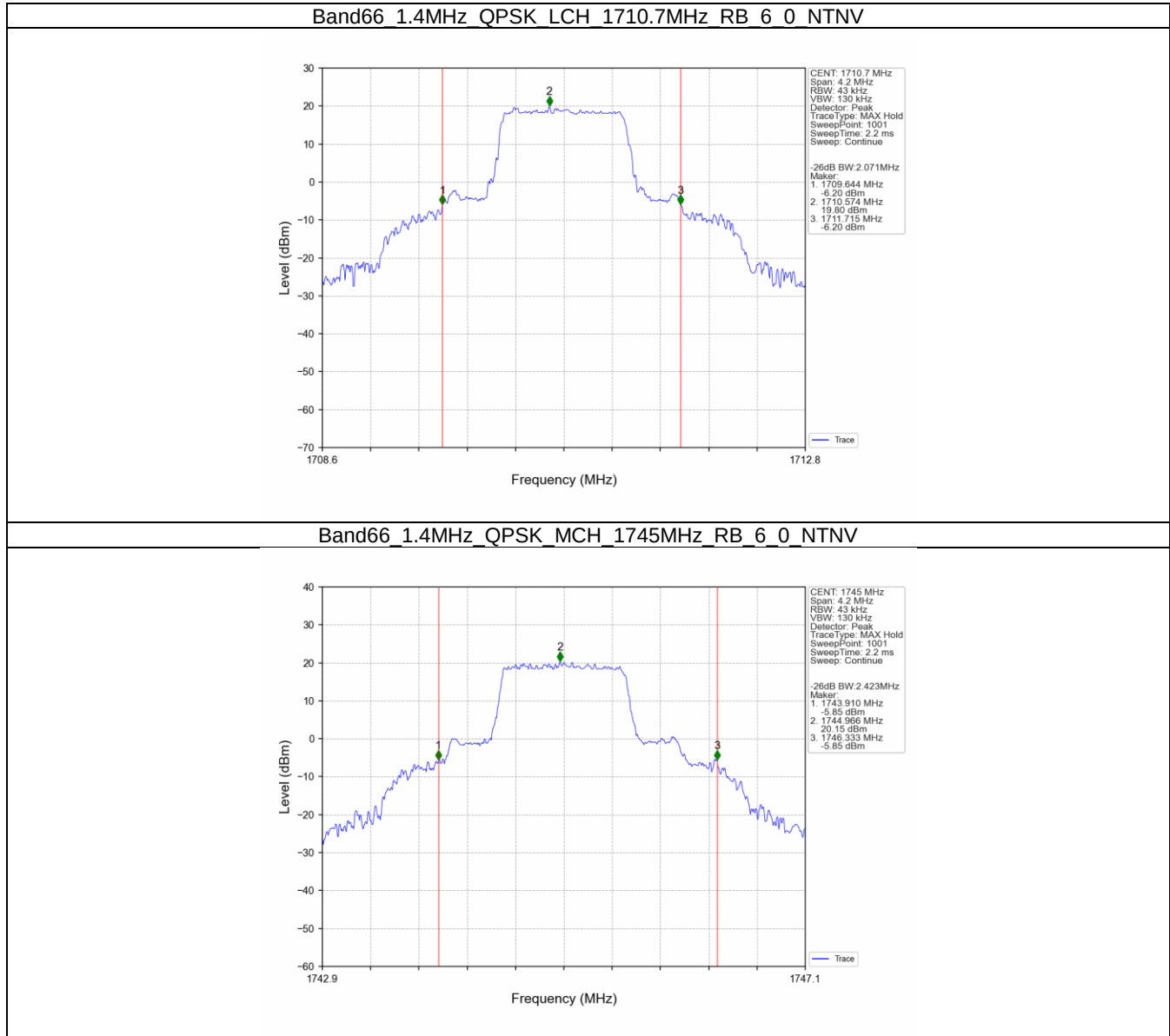
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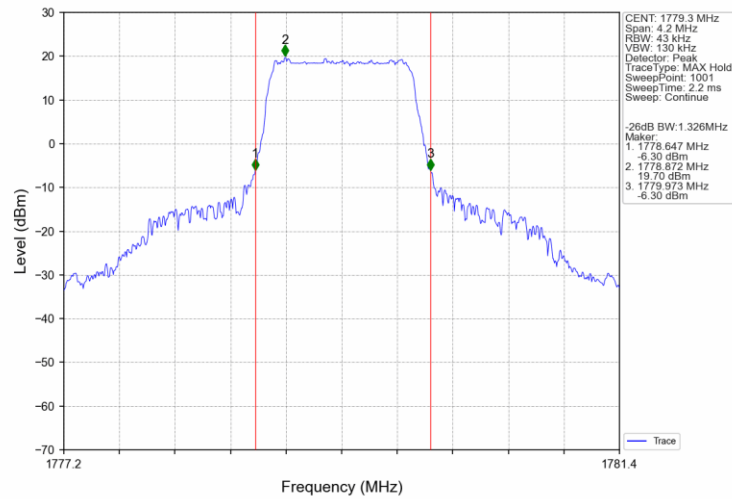
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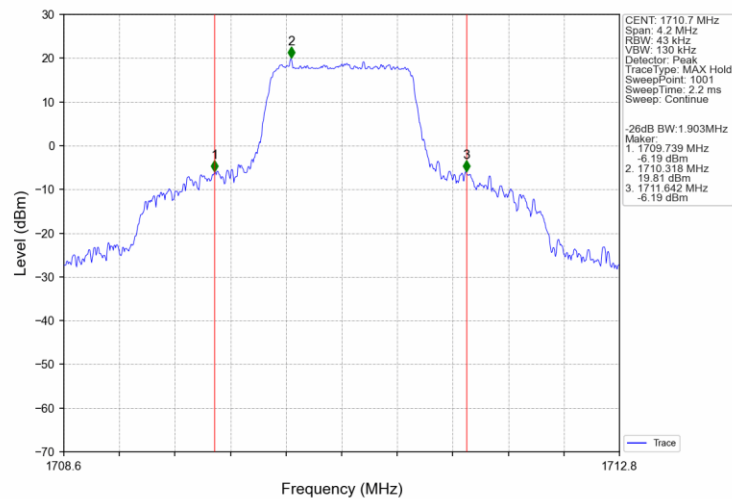
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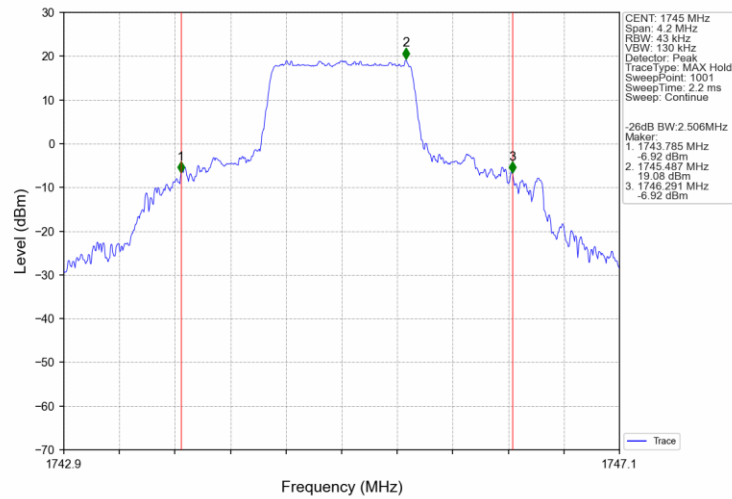
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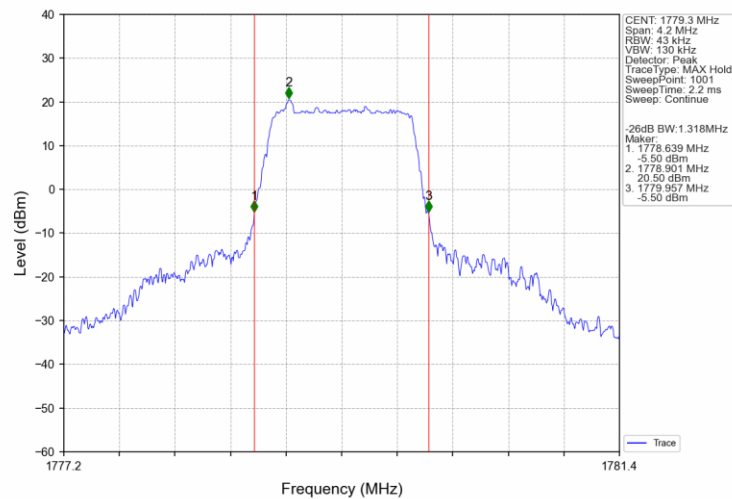
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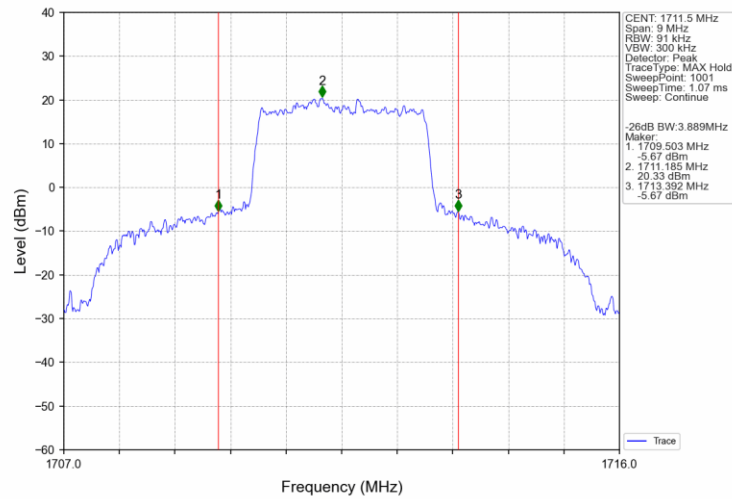
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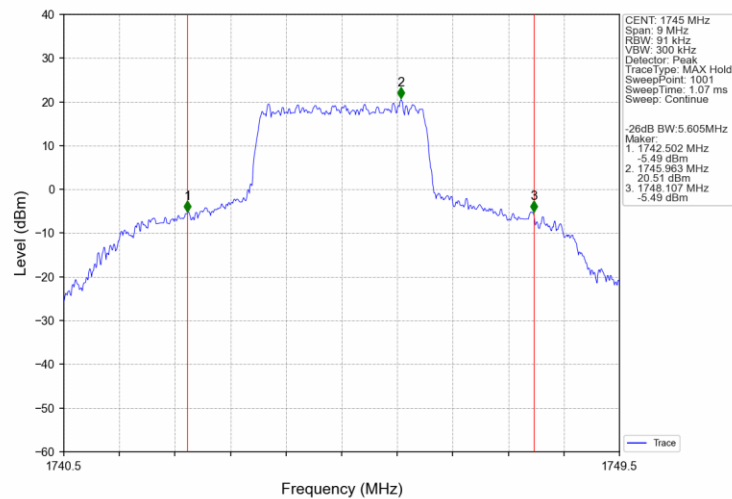
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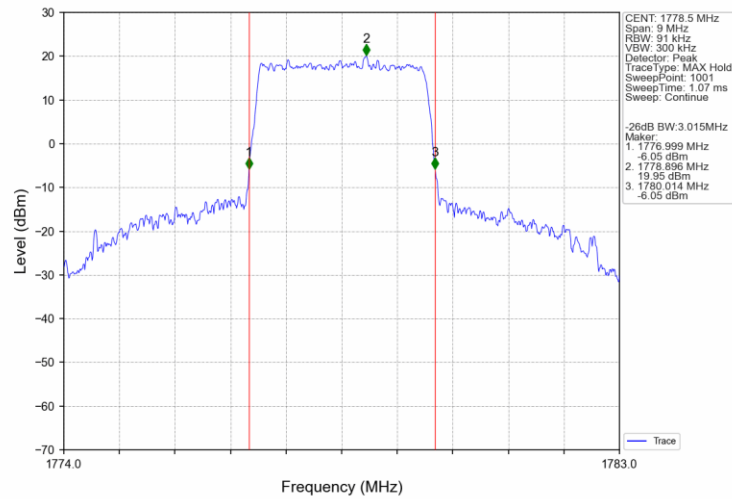
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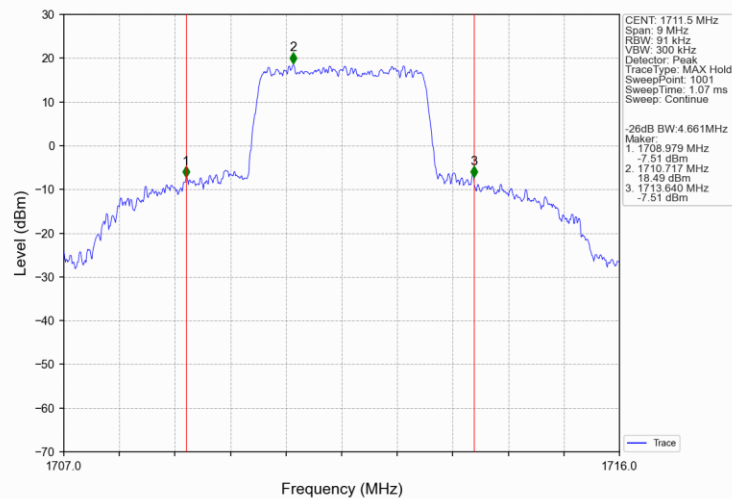
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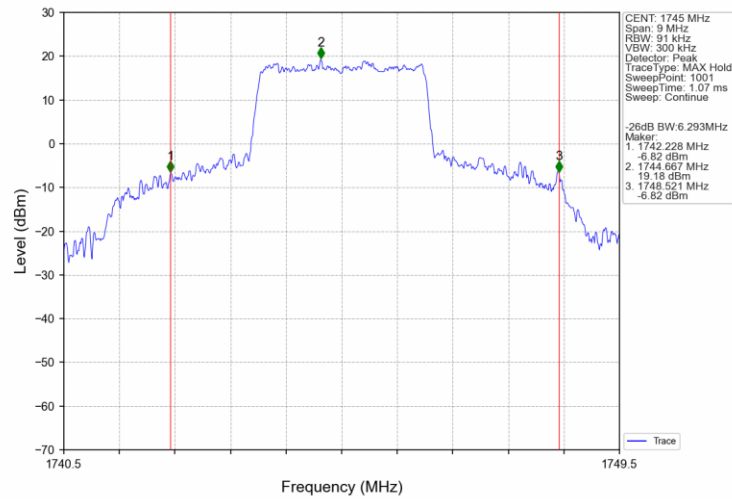
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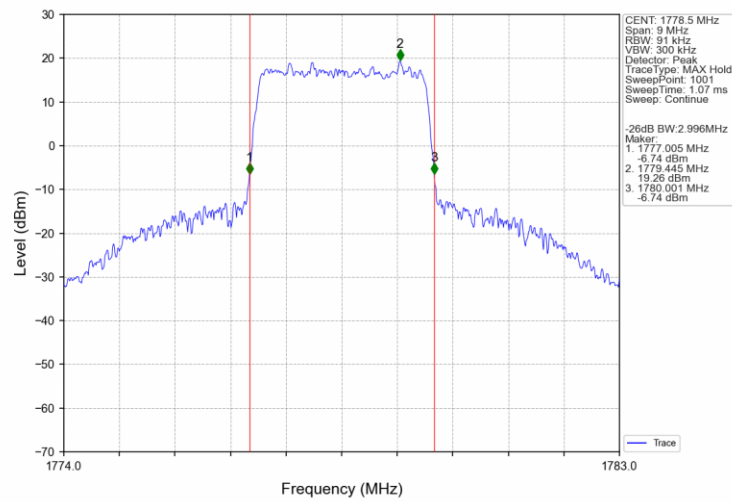
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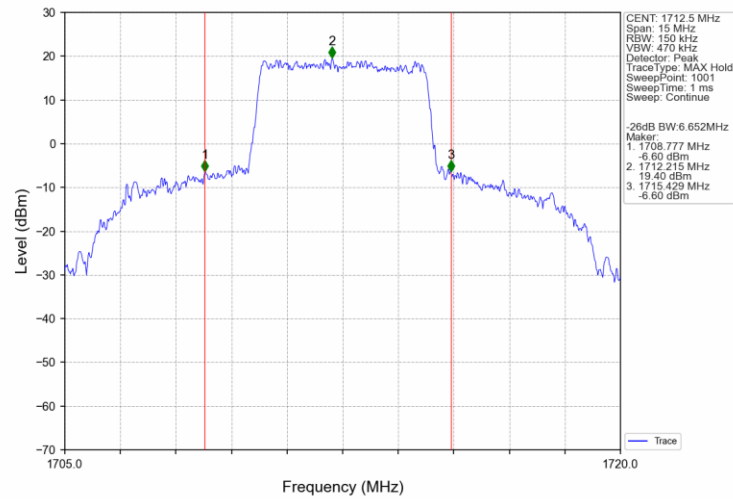
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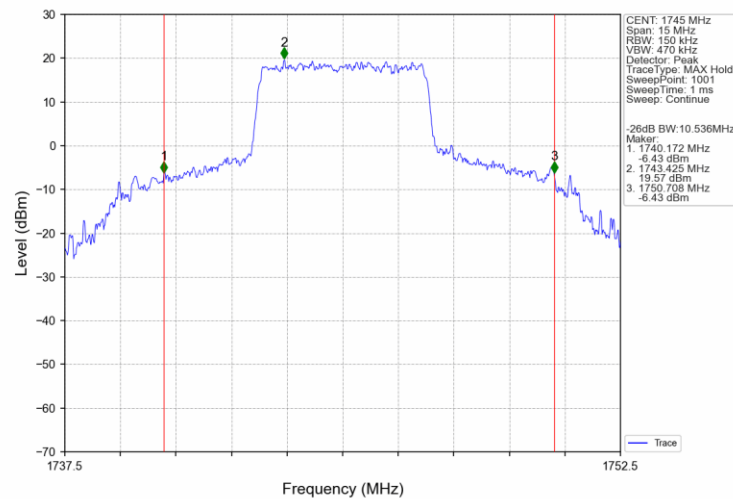
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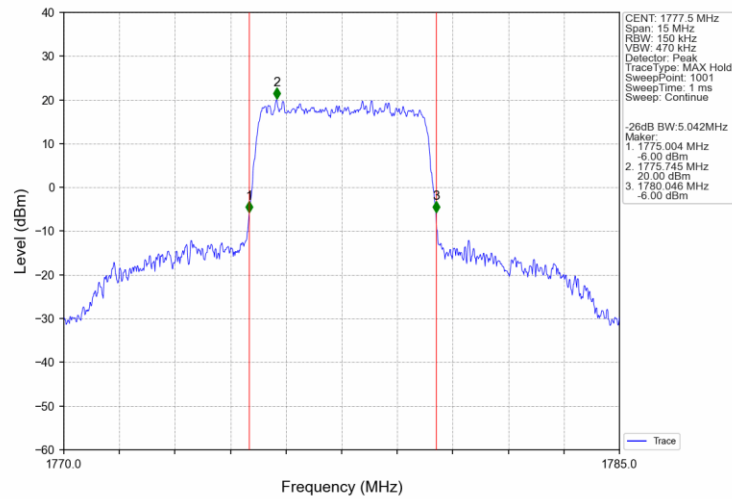
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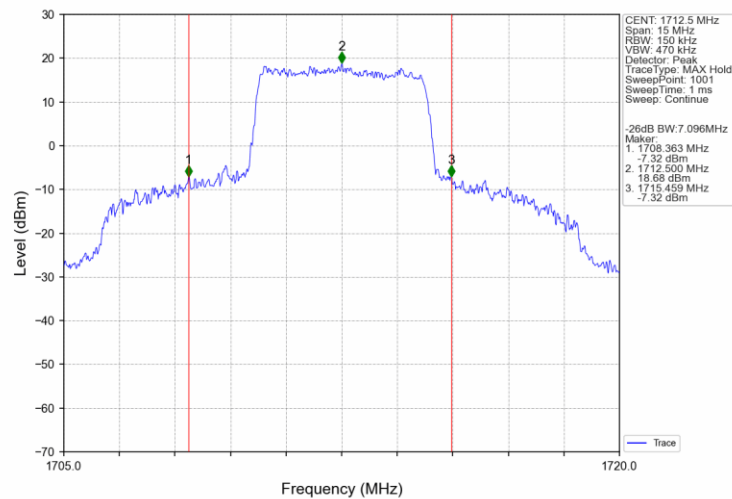
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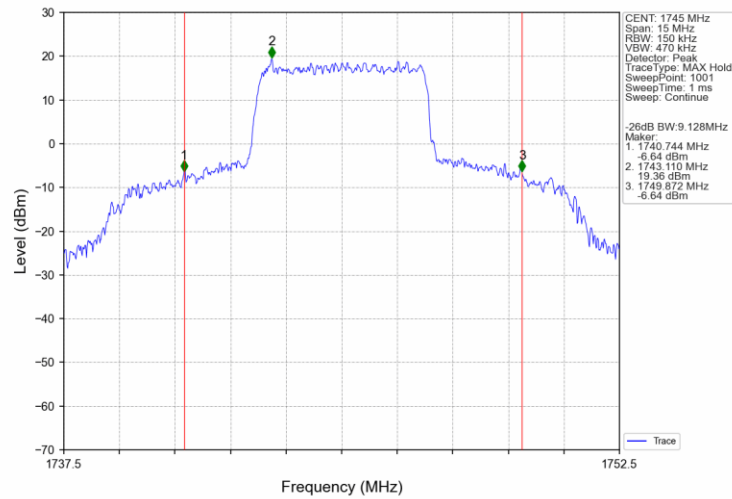
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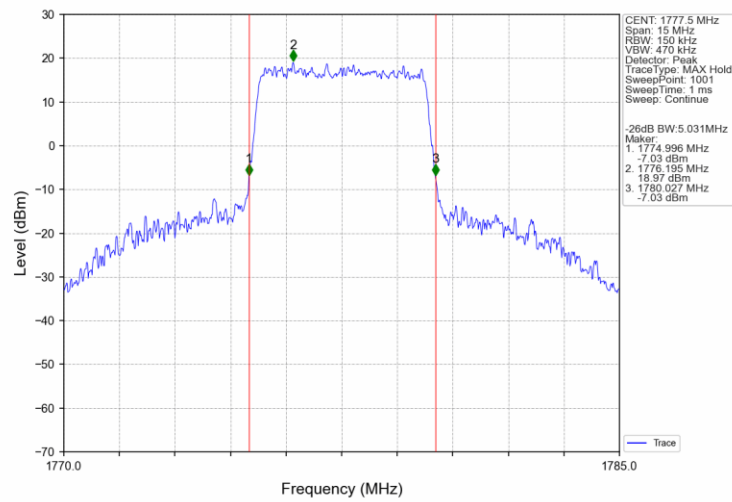
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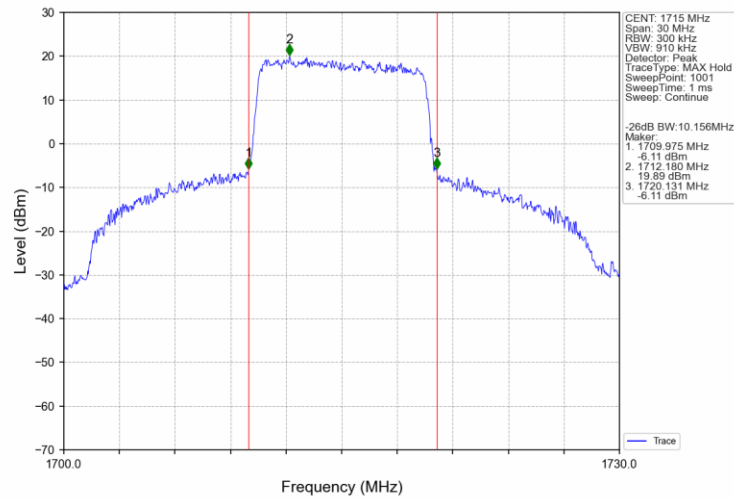
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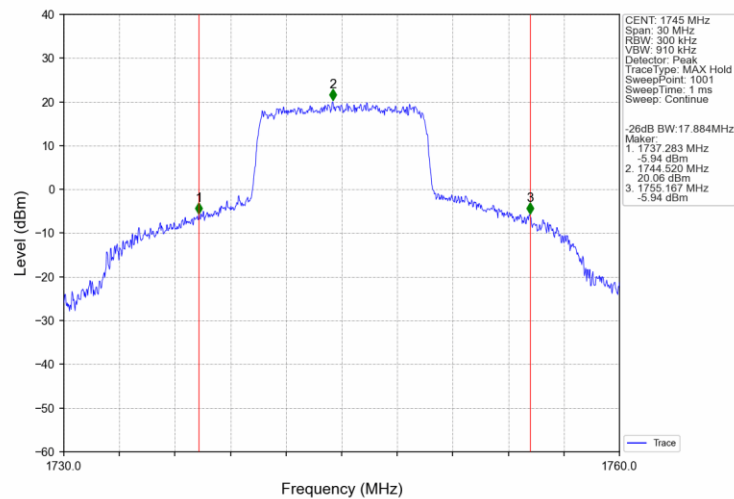
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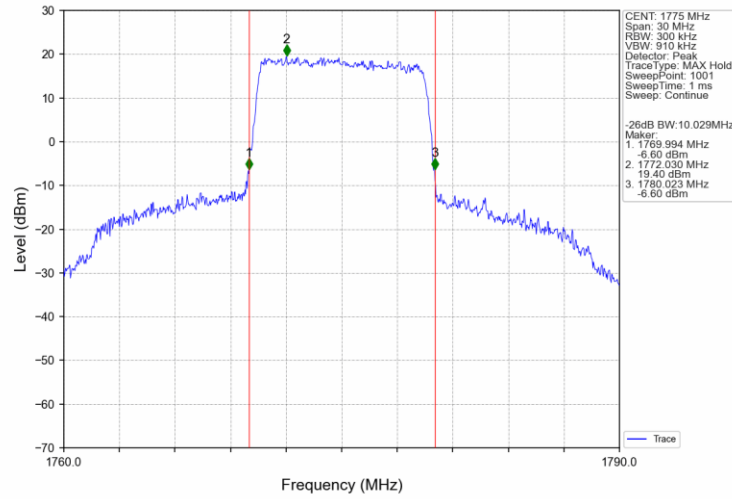
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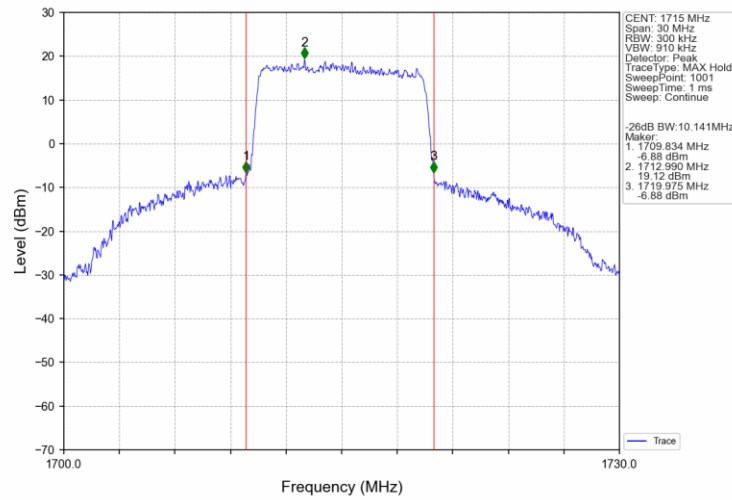
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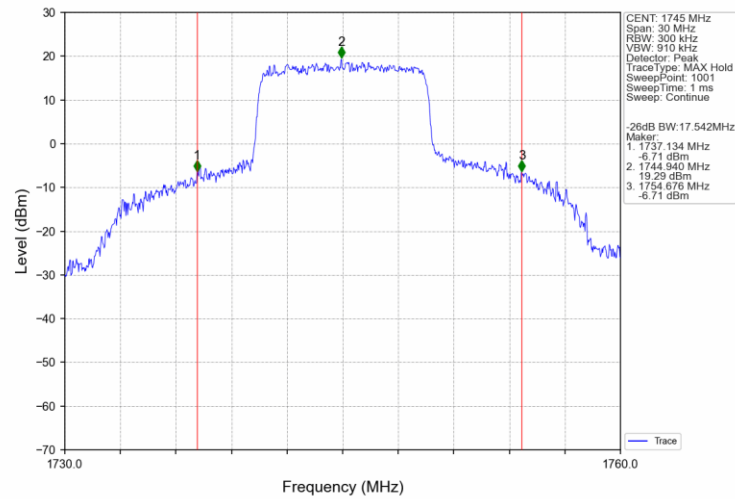
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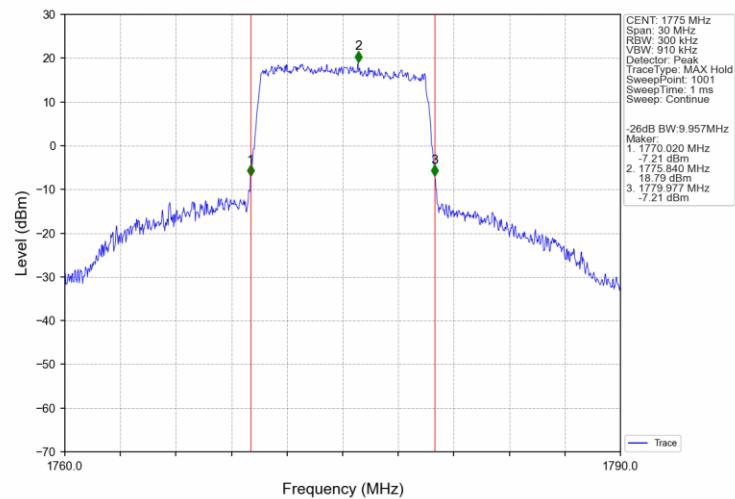
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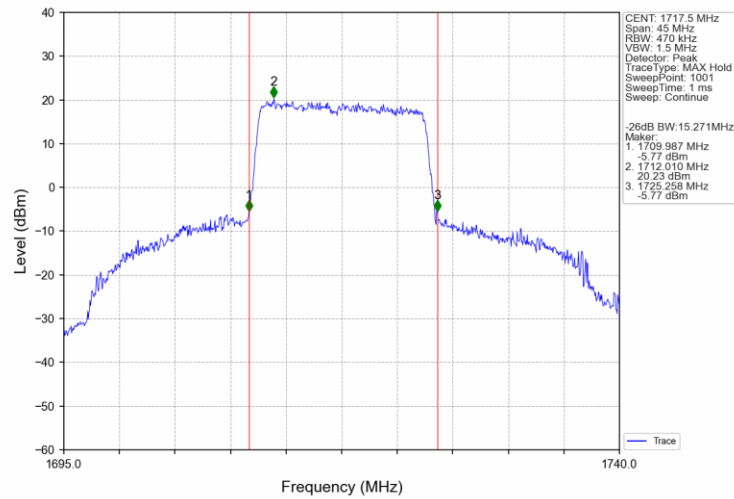
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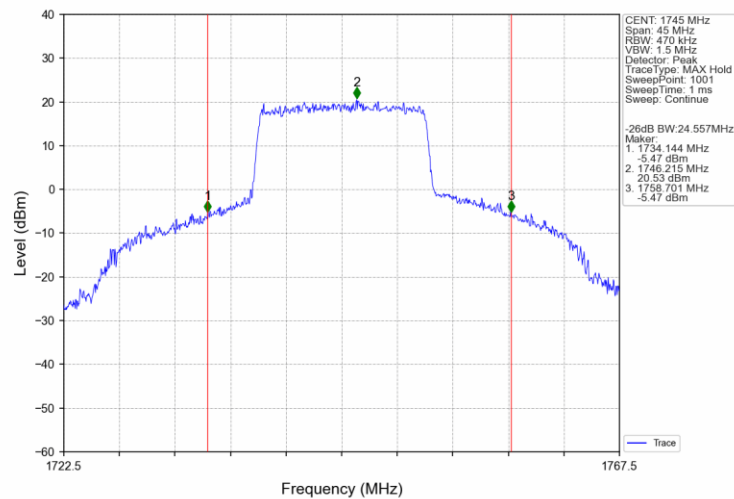
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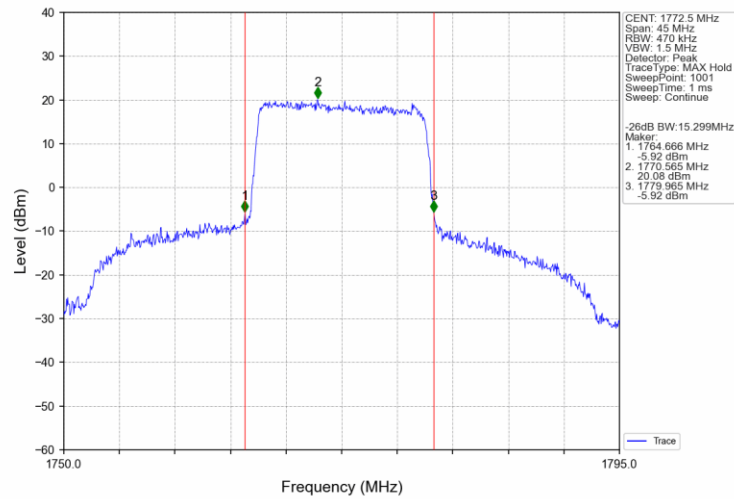
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Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTN



Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN

