

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	22.75	2.78	25.53	<=30	Pass
			2	22.72	2.78	25.50	<=30	Pass
			5	22.69	2.78	25.47	<=30	Pass
		3	0	22.68	2.78	25.46	<=30	Pass
			2	22.68	2.78	25.46	<=30	Pass
			3	22.66	2.78	25.44	<=30	Pass
		6	0	21.64	2.78	24.42	<=30	Pass
	1745	1	0	22.61	2.78	25.39	<=30	Pass
			2	22.60	2.78	25.38	<=30	Pass
			5	22.53	2.78	25.31	<=30	Pass
		3	0	22.63	2.78	25.41	<=30	Pass
			2	22.59	2.78	25.37	<=30	Pass
			3	22.59	2.78	25.37	<=30	Pass
		6	0	21.63	2.78	24.41	<=30	Pass
	1779.3	1	0	22.19	2.78	24.97	<=30	Pass
			2	22.20	2.78	24.98	<=30	Pass
			5	22.19	2.78	24.97	<=30	Pass
		3	0	22.73	2.78	25.51	<=30	Pass
			2	22.77	2.78	25.55	<=30	Pass
			3	22.74	2.78	25.52	<=30	Pass
		6	0	21.69	2.78	24.47	<=30	Pass
16QAM	1710.7	1	0	21.09	2.78	23.87	<=30	Pass
			2	21.13	2.78	23.91	<=30	Pass
			5	21.09	2.78	23.87	<=30	Pass
		3	0	21.49	2.78	24.27	<=30	Pass
			2	21.50	2.78	24.28	<=30	Pass
			3	21.49	2.78	24.27	<=30	Pass
		6	0	20.63	2.78	23.41	<=30	Pass
	1745	1	0	21.49	2.78	24.27	<=30	Pass
			2	21.45	2.78	24.23	<=30	Pass
			5	21.26	2.78	24.04	<=30	Pass
		3	0	21.70	2.78	24.48	<=30	Pass
			2	21.67	2.78	24.45	<=30	Pass
			3	21.66	2.78	24.44	<=30	Pass
		6	0	20.68	2.78	23.46	<=30	Pass
	1779.3	1	0	21.52	2.78	24.30	<=30	Pass
			2	21.56	2.78	24.34	<=30	Pass
			5	21.49	2.78	24.27	<=30	Pass
		3	0	21.74	2.78	24.52	<=30	Pass
			2	21.75	2.78	24.53	<=30	Pass
			3	21.77	2.78	24.55	<=30	Pass
		6	0	20.72	2.78	23.50	<=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	22.37	2.78	25.15	<=30	Pass
			7	22.16	2.78	24.94	<=30	Pass
			14	22.18	2.78	24.96	<=30	Pass
		8	0	21.62	2.78	24.40	<=30	Pass
			4	21.61	2.78	24.39	<=30	Pass
			7	21.67	2.78	24.45	<=30	Pass
		15	0	21.65	2.78	24.43	<=30	Pass
	1745	1	0	22.13	2.78	24.91	<=30	Pass
			7	22.13	2.78	24.91	<=30	Pass
			14	22.12	2.78	24.90	<=30	Pass
		8	0	21.55	2.78	24.33	<=30	Pass
			4	21.53	2.78	24.31	<=30	Pass
			7	21.48	2.78	24.26	<=30	Pass
		15	0	21.55	2.78	24.33	<=30	Pass
	1778.5	1	0	22.14	2.78	24.92	<=30	Pass
			7	22.07	2.78	24.85	<=30	Pass
			14	22.06	2.78	24.84	<=30	Pass
		8	0	21.64	2.78	24.42	<=30	Pass
			4	21.65	2.78	24.43	<=30	Pass
			7	21.62	2.78	24.40	<=30	Pass
		15	0	21.65	2.78	24.43	<=30	Pass
16QAM	1711.5	1	0	21.45	2.78	24.23	<=30	Pass
			7	21.48	2.78	24.26	<=30	Pass
			14	21.56	2.78	24.34	<=30	Pass
		8	0	20.65	2.78	23.43	<=30	Pass
			4	20.65	2.78	23.43	<=30	Pass
			7	20.69	2.78	23.47	<=30	Pass
		15	0	20.69	2.78	23.47	<=30	Pass
	1745	1	0	21.04	2.78	23.82	<=30	Pass
			7	21.04	2.78	23.82	<=30	Pass
			14	20.98	2.78	23.76	<=30	Pass
		8	0	20.56	2.78	23.34	<=30	Pass
			4	20.49	2.78	23.27	<=30	Pass
			7	20.47	2.78	23.25	<=30	Pass
		15	0	20.56	2.78	23.34	<=30	Pass
	1778.5	1	0	21.16	2.78	23.94	<=30	Pass
			7	21.16	2.78	23.94	<=30	Pass
			14	21.17	2.78	23.95	<=30	Pass
		8	0	20.64	2.78	23.42	<=30	Pass
			4	20.63	2.78	23.41	<=30	Pass
			7	20.65	2.78	23.43	<=30	Pass
		15	0	20.58	2.78	23.36	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.20	2.78	24.98	<=30	Pass
			13	22.22	2.78	25.00	<=30	Pass
			24	22.24	2.78	25.02	<=30	Pass
		12	0	21.63	2.78	24.41	<=30	Pass
			6	21.67	2.78	24.45	<=30	Pass
			13	21.72	2.78	24.50	<=30	Pass
		25	0	21.71	2.78	24.49	<=30	Pass

16QAM	1745	1	0	22.13	2.78	24.91	<=30	Pass
			13	22.11	2.78	24.89	<=30	Pass
			24	22.06	2.78	24.84	<=30	Pass
		12	0	21.60	2.78	24.38	<=30	Pass
			6	21.59	2.78	24.37	<=30	Pass
			13	21.53	2.78	24.31	<=30	Pass
		25	0	21.58	2.78	24.36	<=30	Pass
	1777.5	1	0	22.16	2.78	24.94	<=30	Pass
			13	22.16	2.78	24.94	<=30	Pass
			24	22.18	2.78	24.96	<=30	Pass
		12	0	21.64	2.78	24.42	<=30	Pass
			6	21.66	2.78	24.44	<=30	Pass
			13	21.66	2.78	24.44	<=30	Pass
		25	0	21.67	2.78	24.45	<=30	Pass
	1712.5	1	0	21.07	2.78	23.85	<=30	Pass
			13	21.13	2.78	23.91	<=30	Pass
			24	21.15	2.78	23.93	<=30	Pass
		12	0	20.66	2.78	23.44	<=30	Pass
			6	20.71	2.78	23.49	<=30	Pass
			13	20.71	2.78	23.49	<=30	Pass
		25	0	20.78	2.78	23.56	<=30	Pass
	1745	1	0	21.54	2.78	24.32	<=30	Pass
			13	21.51	2.78	24.29	<=30	Pass
			24	21.46	2.78	24.24	<=30	Pass
		12	0	20.64	2.78	23.42	<=30	Pass
			6	20.58	2.78	23.36	<=30	Pass
			13	20.51	2.78	23.29	<=30	Pass
		25	0	20.56	2.78	23.34	<=30	Pass
	1777.5	1	0	21.22	2.78	24.00	<=30	Pass
			13	21.27	2.78	24.05	<=30	Pass
			24	21.26	2.78	24.04	<=30	Pass
		12	0	20.68	2.78	23.46	<=30	Pass
			6	20.63	2.78	23.41	<=30	Pass
			13	20.65	2.78	23.43	<=30	Pass
		25	0	20.61	2.78	23.39	<=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	22.14	2.78	24.92	<=30	Pass
			25	22.27	2.78	25.05	<=30	Pass
			49	22.22	2.78	25.00	<=30	Pass
		25	0	21.61	2.78	24.39	<=30	Pass
			13	21.70	2.78	24.48	<=30	Pass
			25	21.82	2.78	24.60	<=30	Pass
		50	0	21.73	2.78	24.51	<=30	Pass
	1745	1	0	22.19	2.78	24.97	<=30	Pass
			25	22.20	2.78	24.98	<=30	Pass
			49	22.05	2.78	24.83	<=30	Pass
		25	0	21.63	2.78	24.41	<=30	Pass
			13	21.60	2.78	24.38	<=30	Pass
			25	21.60	2.78	24.38	<=30	Pass
		50	0	21.64	2.78	24.42	<=30	Pass
	1775	1	0	21.97	2.78	24.75	<=30	Pass
			25	22.16	2.78	24.94	<=30	Pass

16QAM	1715	25	49	22.08	2.78	24.86	<=30	Pass
			0	21.63	2.78	24.41	<=30	Pass
			13	21.65	2.78	24.43	<=30	Pass
			25	21.70	2.78	24.48	<=30	Pass
		50	0	21.69	2.78	24.47	<=30	Pass
	1745	1	0	21.48	2.78	24.26	<=30	Pass
			25	21.59	2.78	24.37	<=30	Pass
			49	21.54	2.78	24.32	<=30	Pass
		25	0	20.63	2.78	23.41	<=30	Pass
			13	20.70	2.78	23.48	<=30	Pass
			25	20.81	2.78	23.59	<=30	Pass
		50	0	20.71	2.78	23.49	<=30	Pass
	1775	1	0	21.05	2.78	23.83	<=30	Pass
			25	21.06	2.78	23.84	<=30	Pass
			49	20.95	2.78	23.73	<=30	Pass
		25	0	20.68	2.78	23.46	<=30	Pass
			13	20.63	2.78	23.41	<=30	Pass
			25	20.65	2.78	23.43	<=30	Pass
		50	0	20.63	2.78	23.41	<=30	Pass
	1775	1	0	21.03	2.78	23.81	<=30	Pass
			25	21.17	2.78	23.95	<=30	Pass
			49	21.11	2.78	23.89	<=30	Pass
		25	0	20.66	2.78	23.44	<=30	Pass
			13	20.66	2.78	23.44	<=30	Pass
			25	20.75	2.78	23.53	<=30	Pass
		50	0	20.64	2.78	23.42	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

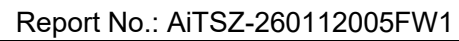
Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.08	2.78	24.86	<=30	Pass
			38	22.19	2.78	24.97	<=30	Pass
			74	22.12	2.78	24.90	<=30	Pass
		36	0	21.54	2.78	24.32	<=30	Pass
			18	21.64	2.78	24.42	<=30	Pass
			39	21.74	2.78	24.52	<=30	Pass
		75	0	21.70	2.78	24.48	<=30	Pass
	1745	1	0	22.18	2.78	24.96	<=30	Pass
			38	22.14	2.78	24.92	<=30	Pass
			74	21.94	2.78	24.72	<=30	Pass
		36	0	21.61	2.78	24.39	<=30	Pass
			18	21.57	2.78	24.35	<=30	Pass
			39	21.56	2.78	24.34	<=30	Pass
		75	0	21.61	2.78	24.39	<=30	Pass
	1772.5	1	0	21.95	2.78	24.73	<=30	Pass
			38	22.11	2.78	24.89	<=30	Pass
			74	22.02	2.78	24.80	<=30	Pass
		36	0	21.58	2.78	24.36	<=30	Pass
			18	21.60	2.78	24.38	<=30	Pass
			39	21.69	2.78	24.47	<=30	Pass
		75	0	21.68	2.78	24.46	<=30	Pass
16QAM	1717.5	1	0	21.03	2.78	23.81	<=30	Pass
			38	21.15	2.78	23.93	<=30	Pass
			74	21.06	2.78	23.84	<=30	Pass
		36	0	20.56	2.78	23.34	<=30	Pass

		75	18	20.69	2.78	23.47	<=30	Pass
			39	20.72	2.78	23.50	<=30	Pass
			0	20.71	2.78	23.49	<=30	Pass
	1745	1	0	21.07	2.78	23.85	<=30	Pass
			38	21.07	2.78	23.85	<=30	Pass
			74	20.86	2.78	23.64	<=30	Pass
		36	0	20.61	2.78	23.39	<=30	Pass
			18	20.56	2.78	23.34	<=30	Pass
			39	20.56	2.78	23.34	<=30	Pass
		75	0	20.59	2.78	23.37	<=30	Pass
	1772.5	1	0	20.98	2.78	23.76	<=30	Pass
			38	21.14	2.78	23.92	<=30	Pass
			74	21.10	2.78	23.88	<=30	Pass
		36	0	20.62	2.78	23.40	<=30	Pass
			18	20.58	2.78	23.36	<=30	Pass
			39	20.68	2.78	23.46	<=30	Pass
		75	0	20.65	2.78	23.43	<=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	22.04	2.78	24.82	<=30	Pass
			50	22.26	2.78	25.04	<=30	Pass
			99	22.21	2.78	24.99	<=30	Pass
		50	0	21.54	2.78	24.32	<=30	Pass
			25	21.73	2.78	24.51	<=30	Pass
			50	21.87	2.78	24.65	<=30	Pass
		100	0	21.72	2.78	24.50	<=30	Pass
	1745	1	0	22.11	2.78	24.89	<=30	Pass
			50	22.15	2.78	24.93	<=30	Pass
			99	21.94	2.78	24.72	<=30	Pass
		50	0	21.70	2.78	24.48	<=30	Pass
			25	21.64	2.78	24.42	<=30	Pass
			50	21.61	2.78	24.39	<=30	Pass
		100	0	21.67	2.78	24.45	<=30	Pass
	1770	1	0	21.84	2.78	24.62	<=30	Pass
			50	22.10	2.78	24.88	<=30	Pass
			99	22.08	2.78	24.86	<=30	Pass
		50	0	21.64	2.78	24.42	<=30	Pass
			25	21.61	2.78	24.39	<=30	Pass
			50	21.69	2.78	24.47	<=30	Pass
		100	0	21.64	2.78	24.42	<=30	Pass
16QAM	1720	1	0	21.07	2.78	23.85	<=30	Pass
			50	21.24	2.78	24.02	<=30	Pass
			99	21.23	2.78	24.01	<=30	Pass
		50	0	20.45	2.78	23.23	<=30	Pass
			25	20.70	2.78	23.48	<=30	Pass
			50	20.82	2.78	23.60	<=30	Pass
		100	0	20.70	2.78	23.48	<=30	Pass
	1745	1	0	20.97	2.78	23.75	<=30	Pass
			50	20.98	2.78	23.76	<=30	Pass
			99	20.78	2.78	23.56	<=30	Pass
		50	0	20.68	2.78	23.46	<=30	Pass
			25	20.60	2.78	23.38	<=30	Pass
			50	20.61	2.78	23.39	<=30	Pass



		100	0	20.67	2.78	23.45	<=30	Pass
	1770	1	0	21.26	2.78	24.04	<=30	Pass
			50	21.51	2.78	24.29	<=30	Pass
			99	21.50	2.78	24.28	<=30	Pass
			0	20.61	2.78	23.39	<=30	Pass
		50	25	20.58	2.78	23.36	<=30	Pass
			50	20.65	2.78	23.43	<=30	Pass
			100	0	20.63	2.78	23.41	<=30
	Note1: EIRP=Conducted Power+Antenna Gain							

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.15	-1.059	-0.0006	-2.5 to 2.5	Pass
					3.70	4.964	0.0029	-2.5 to 2.5	Pass
					4.30	9.670	0.0057	-2.5 to 2.5	Pass
				-30	3.70	6.924	0.0040	-2.5 to 2.5	Pass
				-20	3.70	-5.207	-0.0030	-2.5 to 2.5	Pass
				-10	3.70	3.104	0.0018	-2.5 to 2.5	Pass
				0	3.70	3.405	0.0020	-2.5 to 2.5	Pass
				10	3.70	8.683	0.0051	-2.5 to 2.5	Pass
				30	3.70	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.70	-3.247	-0.0019	-2.5 to 2.5	Pass
				50	3.70	-3.719	-0.0022	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	3.948	0.0023	-2.5 to 2.5	Pass
					3.70	9.885	0.0057	-2.5 to 2.5	Pass
					4.30	5.779	0.0033	-2.5 to 2.5	Pass
				-30	3.70	7.925	0.0045	-2.5 to 2.5	Pass
				-20	3.70	2.146	0.0012	-2.5 to 2.5	Pass
				-10	3.70	10.314	0.0059	-2.5 to 2.5	Pass
				0	3.70	9.542	0.0055	-2.5 to 2.5	Pass
				10	3.70	1.659	0.0010	-2.5 to 2.5	Pass
				30	3.70	-1.373	-0.0008	-2.5 to 2.5	Pass
				40	3.70	-0.372	-0.0002	-2.5 to 2.5	Pass
				50	3.70	1.016	0.0006	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	1.144	0.0006	-2.5 to 2.5	Pass
					3.70	2.503	0.0014	-2.5 to 2.5	Pass
					4.30	-1.302	-0.0007	-2.5 to 2.5	Pass
				-30	3.70	1.616	0.0009	-2.5 to 2.5	Pass
				-20	3.70	-7.553	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-3.033	-0.0017	-2.5 to 2.5	Pass
				0	3.70	-2.904	-0.0016	-2.5 to 2.5	Pass
				10	3.70	9.913	0.0056	-2.5 to 2.5	Pass
				30	3.70	9.770	0.0055	-2.5 to 2.5	Pass
				40	3.70	-1.788	-0.0010	-2.5 to 2.5	Pass
				50	3.70	1.645	0.0009	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.15	5.579	0.0033	-2.5 to 2.5	Pass
					3.70	-6.680	-0.0039	-2.5 to 2.5	Pass
					4.30	0.443	0.0003	-2.5 to 2.5	Pass
				-30	3.70	-0.973	-0.0006	-2.5 to 2.5	Pass
				-20	3.70	-3.204	-0.0019	-2.5 to 2.5	Pass
				-10	3.70	6.838	0.0040	-2.5 to 2.5	Pass
				0	3.70	5.765	0.0034	-2.5 to 2.5	Pass
				10	3.70	1.345	0.0008	-2.5 to 2.5	Pass
				30	3.70	-2.303	-0.0013	-2.5 to 2.5	Pass
				40	3.70	-3.691	-0.0022	-2.5 to 2.5	Pass
				50	3.70	4.392	0.0026	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	-3.161	-0.0018	-2.5 to 2.5	Pass
					3.70	-1.774	-0.0010	-2.5 to 2.5	Pass
					4.30	1.330	0.0008	-2.5 to 2.5	Pass
				-30	3.70	3.061	0.0018	-2.5 to 2.5	Pass
				-20	3.70	3.519	0.0020	-2.5 to 2.5	Pass
				-10	3.70	-4.749	-0.0027	-2.5 to 2.5	Pass

				0	3.70	-2.160	-0.0012	-2.5 to 2.5	Pass
				10	3.70	9.856	0.0056	-2.5 to 2.5	Pass
				30	3.70	-5.536	-0.0032	-2.5 to 2.5	Pass
				40	3.70	6.666	0.0038	-2.5 to 2.5	Pass
				50	3.70	-6.294	-0.0036	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	-0.601	-0.0003	-2.5 to 2.5	Pass
					3.70	-5.236	-0.0029	-2.5 to 2.5	Pass
					4.30	3.433	0.0019	-2.5 to 2.5	Pass
				-30	3.70	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.70	4.034	0.0023	-2.5 to 2.5	Pass
				-10	3.70	12.274	0.0069	-2.5 to 2.5	Pass
				0	3.70	9.770	0.0055	-2.5 to 2.5	Pass
				10	3.70	10.757	0.0060	-2.5 to 2.5	Pass
				30	3.70	-4.549	-0.0026	-2.5 to 2.5	Pass
				40	3.70	1.159	0.0007	-2.5 to 2.5	Pass
				50	3.70	7.854	0.0044	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.15	-5.651	-0.0033	-2.5 to 2.5	Pass
					3.70	-5.808	-0.0034	-2.5 to 2.5	Pass
					4.30	2.117	0.0012	-2.5 to 2.5	Pass
				-30	3.70	-9.112	-0.0053	-2.5 to 2.5	Pass
				-20	3.70	1.545	0.0009	-2.5 to 2.5	Pass
				-10	3.70	5.507	0.0032	-2.5 to 2.5	Pass
				0	3.70	2.403	0.0014	-2.5 to 2.5	Pass
				10	3.70	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	3.70	3.262	0.0019	-2.5 to 2.5	Pass
				40	3.70	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.70	1.745	0.0010	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	2.818	0.0016	-2.5 to 2.5	Pass
					3.70	2.546	0.0015	-2.5 to 2.5	Pass
					4.30	-0.472	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	1.988	0.0011	-2.5 to 2.5	Pass
				-20	3.70	2.489	0.0014	-2.5 to 2.5	Pass
				-10	3.70	3.691	0.0021	-2.5 to 2.5	Pass
				0	3.70	8.411	0.0048	-2.5 to 2.5	Pass
				10	3.70	-10.586	-0.0061	-2.5 to 2.5	Pass
				30	3.70	-3.033	-0.0017	-2.5 to 2.5	Pass
				40	3.70	4.220	0.0024	-2.5 to 2.5	Pass
				50	3.70	1.903	0.0011	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.15	6.509	0.0037	-2.5 to 2.5	Pass
					3.70	8.254	0.0046	-2.5 to 2.5	Pass
					4.30	7.210	0.0041	-2.5 to 2.5	Pass
				-30	3.70	1.788	0.0010	-2.5 to 2.5	Pass
				-20	3.70	5.379	0.0030	-2.5 to 2.5	Pass
				-10	3.70	-5.937	-0.0033	-2.5 to 2.5	Pass
				0	3.70	-1.087	-0.0006	-2.5 to 2.5	Pass
				10	3.70	1.416	0.0008	-2.5 to 2.5	Pass
				30	3.70	-0.772	-0.0004	-2.5 to 2.5	Pass
				40	3.70	-5.422	-0.0030	-2.5 to 2.5	Pass
				50	3.70	-3.676	-0.0021	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.15	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.70	4.678	0.0027	-2.5 to 2.5	Pass
					4.30	13.275	0.0078	-2.5 to 2.5	Pass

				-30	3.70	5.164	0.0030	-2.5 to 2.5	Pass
				-20	3.70	7.324	0.0043	-2.5 to 2.5	Pass
				-10	3.70	-0.658	-0.0004	-2.5 to 2.5	Pass
				0	3.70	3.862	0.0023	-2.5 to 2.5	Pass
				10	3.70	1.216	0.0007	-2.5 to 2.5	Pass
				30	3.70	4.063	0.0024	-2.5 to 2.5	Pass
				40	3.70	-1.616	-0.0009	-2.5 to 2.5	Pass
				50	3.70	5.021	0.0029	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	2.003	0.0011	-2.5 to 2.5	Pass
					3.70	5.221	0.0030	-2.5 to 2.5	Pass
					4.30	1.001	0.0006	-2.5 to 2.5	Pass
				-30	3.70	-4.706	-0.0027	-2.5 to 2.5	Pass
				-20	3.70	8.383	0.0048	-2.5 to 2.5	Pass
				-10	3.70	2.246	0.0013	-2.5 to 2.5	Pass
				0	3.70	-4.807	-0.0028	-2.5 to 2.5	Pass
				10	3.70	-9.170	-0.0053	-2.5 to 2.5	Pass
				30	3.70	14.362	0.0082	-2.5 to 2.5	Pass
				40	3.70	13.132	0.0075	-2.5 to 2.5	Pass
				50	3.70	6.766	0.0039	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.15	-2.804	-0.0016	-2.5 to 2.5	Pass
					3.70	11.673	0.0066	-2.5 to 2.5	Pass
					4.30	1.745	0.0010	-2.5 to 2.5	Pass
				-30	3.70	7.210	0.0041	-2.5 to 2.5	Pass
				-20	3.70	-1.388	-0.0008	-2.5 to 2.5	Pass
				-10	3.70	10.128	0.0057	-2.5 to 2.5	Pass
				0	3.70	-1.159	-0.0007	-2.5 to 2.5	Pass
				10	3.70	-6.309	-0.0035	-2.5 to 2.5	Pass
				30	3.70	0.844	0.0005	-2.5 to 2.5	Pass
				40	3.70	10.557	0.0059	-2.5 to 2.5	Pass
				50	3.70	4.807	0.0027	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.15	-6.094	-0.0036	-2.5 to 2.5	Pass
					3.70	5.908	0.0034	-2.5 to 2.5	Pass
					4.30	2.661	0.0016	-2.5 to 2.5	Pass
				-30	3.70	3.333	0.0019	-2.5 to 2.5	Pass
				-20	3.70	4.835	0.0028	-2.5 to 2.5	Pass
				-10	3.70	0.286	0.0002	-2.5 to 2.5	Pass
				0	3.70	-2.532	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	3.70	-2.289	-0.0013	-2.5 to 2.5	Pass
				40	3.70	3.262	0.0019	-2.5 to 2.5	Pass
				50	3.70	7.296	0.0043	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	9.212	0.0053	-2.5 to 2.5	Pass
					3.70	4.120	0.0024	-2.5 to 2.5	Pass
					4.30	5.221	0.0030	-2.5 to 2.5	Pass
				-30	3.70	3.405	0.0020	-2.5 to 2.5	Pass
				-20	3.70	7.281	0.0042	-2.5 to 2.5	Pass
				-10	3.70	11.530	0.0066	-2.5 to 2.5	Pass
				0	3.70	-4.020	-0.0023	-2.5 to 2.5	Pass
				10	3.70	-1.388	-0.0008	-2.5 to 2.5	Pass
				30	3.70	6.337	0.0036	-2.5 to 2.5	Pass
				40	3.70	8.240	0.0047	-2.5 to 2.5	Pass
				50	3.70	0.787	0.0005	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.15	4.420	0.0025	-2.5 to 2.5	Pass
					3.70	0.901	0.0005	-2.5 to 2.5	Pass
					4.30	3.004	0.0017	-2.5 to 2.5	Pass
				-30	3.70	-1.459	-0.0008	-2.5 to 2.5	Pass
				-20	3.70	-5.493	-0.0031	-2.5 to 2.5	Pass
				-10	3.70	6.323	0.0036	-2.5 to 2.5	Pass
				0	3.70	8.912	0.0050	-2.5 to 2.5	Pass
				10	3.70	5.050	0.0028	-2.5 to 2.5	Pass
				30	3.70	3.204	0.0018	-2.5 to 2.5	Pass
				40	3.70	8.698	0.0049	-2.5 to 2.5	Pass
				50	3.70	4.334	0.0024	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.15	2.060	0.0012	-2.5 to 2.5	Pass
					3.70	1.445	0.0008	-2.5 to 2.5	Pass
					4.30	-2.103	-0.0012	-2.5 to 2.5	Pass
				-30	3.70	5.536	0.0032	-2.5 to 2.5	Pass
				-20	3.70	3.862	0.0023	-2.5 to 2.5	Pass
				-10	3.70	-2.232	-0.0013	-2.5 to 2.5	Pass
				0	3.70	3.176	0.0019	-2.5 to 2.5	Pass
				10	3.70	1.416	0.0008	-2.5 to 2.5	Pass
				30	3.70	1.001	0.0006	-2.5 to 2.5	Pass
				40	3.70	4.992	0.0029	-2.5 to 2.5	Pass
				50	3.70	-1.903	-0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	-2.289	-0.0013	-2.5 to 2.5	Pass
					3.70	4.706	0.0027	-2.5 to 2.5	Pass
					4.30	2.718	0.0016	-2.5 to 2.5	Pass
				-30	3.70	-1.130	-0.0006	-2.5 to 2.5	Pass
				-20	3.70	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.70	0.300	0.0002	-2.5 to 2.5	Pass
				0	3.70	-5.121	-0.0029	-2.5 to 2.5	Pass
				10	3.70	1.416	0.0008	-2.5 to 2.5	Pass
				30	3.70	-2.017	-0.0012	-2.5 to 2.5	Pass
				40	3.70	-2.761	-0.0016	-2.5 to 2.5	Pass
				50	3.70	-0.973	-0.0006	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.15	-0.687	-0.0004	-2.5 to 2.5	Pass
					3.70	3.862	0.0022	-2.5 to 2.5	Pass
					4.30	-3.619	-0.0020	-2.5 to 2.5	Pass
				-30	3.70	0.873	0.0005	-2.5 to 2.5	Pass
				-20	3.70	4.377	0.0025	-2.5 to 2.5	Pass
				-10	3.70	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.70	-0.329	-0.0002	-2.5 to 2.5	Pass
				10	3.70	3.490	0.0020	-2.5 to 2.5	Pass
				30	3.70	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.70	6.695	0.0038	-2.5 to 2.5	Pass
				50	3.70	-4.077	-0.0023	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.15	4.735	0.0028	-2.5 to 2.5	Pass
					3.70	0.014	0.0000	-2.5 to 2.5	Pass
					4.30	5.665	0.0033	-2.5 to 2.5	Pass
				-30	3.70	2.975	0.0017	-2.5 to 2.5	Pass
				-20	3.70	5.178	0.0030	-2.5 to 2.5	Pass
				-10	3.70	4.621	0.0027	-2.5 to 2.5	Pass
				0	3.70	3.119	0.0018	-2.5 to 2.5	Pass
				10	3.70	6.523	0.0038	-2.5 to 2.5	Pass

				30	3.70	5.136	0.0030	-2.5 to 2.5	Pass
				40	3.70	-0.801	-0.0005	-2.5 to 2.5	Pass
				50	3.70	1.531	0.0009	-2.5 to 2.5	Pass
	1745	50	0	20	3.15	-0.443	-0.0003	-2.5 to 2.5	Pass
					3.70	1.802	0.0010	-2.5 to 2.5	Pass
					4.30	-0.515	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.70	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.70	1.945	0.0011	-2.5 to 2.5	Pass
				0	3.70	0.658	0.0004	-2.5 to 2.5	Pass
				10	3.70	-2.332	-0.0013	-2.5 to 2.5	Pass
				30	3.70	-0.243	-0.0001	-2.5 to 2.5	Pass
				40	3.70	4.635	0.0027	-2.5 to 2.5	Pass
				50	3.70	2.732	0.0016	-2.5 to 2.5	Pass
	1775	50	0	20	3.15	4.277	0.0024	-2.5 to 2.5	Pass
					3.70	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.30	-3.662	-0.0021	-2.5 to 2.5	Pass
				-30	3.70	0.658	0.0004	-2.5 to 2.5	Pass
				-20	3.70	2.432	0.0014	-2.5 to 2.5	Pass
				-10	3.70	-1.659	-0.0009	-2.5 to 2.5	Pass
				0	3.70	0.401	0.0002	-2.5 to 2.5	Pass
				10	3.70	0.744	0.0004	-2.5 to 2.5	Pass
				30	3.70	1.144	0.0006	-2.5 to 2.5	Pass
				40	3.70	0.687	0.0004	-2.5 to 2.5	Pass
				50	3.70	-2.503	-0.0014	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.15	-0.286	-0.0002	-2.5 to 2.5	Pass
					3.70	1.473	0.0009	-2.5 to 2.5	Pass
					4.30	1.302	0.0008	-2.5 to 2.5	Pass
				-30	3.70	6.108	0.0036	-2.5 to 2.5	Pass
				-20	3.70	6.895	0.0040	-2.5 to 2.5	Pass
				-10	3.70	4.835	0.0028	-2.5 to 2.5	Pass
				0	3.70	5.364	0.0031	-2.5 to 2.5	Pass
				10	3.70	2.418	0.0014	-2.5 to 2.5	Pass
				30	3.70	6.151	0.0036	-2.5 to 2.5	Pass
				40	3.70	5.565	0.0032	-2.5 to 2.5	Pass
				50	3.70	5.121	0.0030	-2.5 to 2.5	Pass
	1745	50	0	20	3.15	1.016	0.0006	-2.5 to 2.5	Pass
					3.70	7.238	0.0041	-2.5 to 2.5	Pass
					4.30	6.709	0.0038	-2.5 to 2.5	Pass
				-30	3.70	7.982	0.0046	-2.5 to 2.5	Pass
				-20	3.70	3.905	0.0022	-2.5 to 2.5	Pass
				-10	3.70	3.018	0.0017	-2.5 to 2.5	Pass
				0	3.70	4.549	0.0026	-2.5 to 2.5	Pass
				10	3.70	7.496	0.0043	-2.5 to 2.5	Pass
				30	3.70	3.948	0.0023	-2.5 to 2.5	Pass
				40	3.70	5.422	0.0031	-2.5 to 2.5	Pass
				50	3.70	3.405	0.0020	-2.5 to 2.5	Pass
	1775	50	0	20	3.15	1.144	0.0006	-2.5 to 2.5	Pass
					3.70	6.838	0.0039	-2.5 to 2.5	Pass
					4.30	2.146	0.0012	-2.5 to 2.5	Pass
				-30	3.70	4.764	0.0027	-2.5 to 2.5	Pass
				-20	3.70	5.794	0.0033	-2.5 to 2.5	Pass
				-10	3.70	4.377	0.0025	-2.5 to 2.5	Pass
				0	3.70	7.911	0.0045	-2.5 to 2.5	Pass
				10	3.70	1.445	0.0008	-2.5 to 2.5	Pass
				30	3.70	1.144	0.0006	-2.5 to 2.5	Pass
				40	3.70	4.935	0.0028	-2.5 to 2.5	Pass
				50	3.70	4.778	0.0027	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.15	-4.020	-0.0023	-2.5 to 2.5	Pass
					3.70	1.945	0.0011	-2.5 to 2.5	Pass
					4.30	2.246	0.0013	-2.5 to 2.5	Pass
				-30	3.70	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.70	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.70	2.131	0.0012	-2.5 to 2.5	Pass
				0	3.70	3.362	0.0020	-2.5 to 2.5	Pass
				10	3.70	1.001	0.0006	-2.5 to 2.5	Pass
				30	3.70	5.450	0.0032	-2.5 to 2.5	Pass
				40	3.70	0.386	0.0002	-2.5 to 2.5	Pass
				50	3.70	6.609	0.0038	-2.5 to 2.5	Pass
	1745	75	0	20	3.15	1.631	0.0009	-2.5 to 2.5	Pass
					3.70	2.332	0.0013	-2.5 to 2.5	Pass
					4.30	0.916	0.0005	-2.5 to 2.5	Pass
				-30	3.70	1.845	0.0011	-2.5 to 2.5	Pass
				-20	3.70	0.715	0.0004	-2.5 to 2.5	Pass
				-10	3.70	-1.159	-0.0007	-2.5 to 2.5	Pass
				0	3.70	0.472	0.0003	-2.5 to 2.5	Pass
				10	3.70	-1.059	-0.0006	-2.5 to 2.5	Pass
				30	3.70	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.70	1.917	0.0011	-2.5 to 2.5	Pass
				50	3.70	2.947	0.0017	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.15	-1.030	-0.0006	-2.5 to 2.5	Pass
					3.70	-1.602	-0.0009	-2.5 to 2.5	Pass
					4.30	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.70	-0.558	-0.0003	-2.5 to 2.5	Pass
				-20	3.70	-1.788	-0.0010	-2.5 to 2.5	Pass
				-10	3.70	0.458	0.0003	-2.5 to 2.5	Pass
				0	3.70	-2.003	-0.0011	-2.5 to 2.5	Pass
				10	3.70	-5.908	-0.0033	-2.5 to 2.5	Pass
				30	3.70	-0.787	-0.0004	-2.5 to 2.5	Pass
				40	3.70	-2.360	-0.0013	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.15	1.974	0.0011	-2.5 to 2.5	Pass
					3.70	3.476	0.0020	-2.5 to 2.5	Pass
					4.30	2.418	0.0014	-2.5 to 2.5	Pass
				-30	3.70	4.735	0.0028	-2.5 to 2.5	Pass
				-20	3.70	6.237	0.0036	-2.5 to 2.5	Pass
				-10	3.70	3.619	0.0021	-2.5 to 2.5	Pass
				0	3.70	-0.715	-0.0004	-2.5 to 2.5	Pass
				10	3.70	3.419	0.0020	-2.5 to 2.5	Pass
				30	3.70	3.548	0.0021	-2.5 to 2.5	Pass
				40	3.70	-0.858	-0.0005	-2.5 to 2.5	Pass
				50	3.70	2.861	0.0017	-2.5 to 2.5	Pass
	1745	75	0	20	3.15	1.502	0.0009	-2.5 to 2.5	Pass
					3.70	-1.402	-0.0008	-2.5 to 2.5	Pass
					4.30	0.887	0.0005	-2.5 to 2.5	Pass
				-30	3.70	2.546	0.0015	-2.5 to 2.5	Pass
				-20	3.70	2.389	0.0014	-2.5 to 2.5	Pass
				-10	3.70	1.216	0.0007	-2.5 to 2.5	Pass
				0	3.70	0.172	0.0001	-2.5 to 2.5	Pass
				10	3.70	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.70	3.519	0.0020	-2.5 to 2.5	Pass
				40	3.70	3.333	0.0019	-2.5 to 2.5	Pass
				50	3.70	1.287	0.0007	-2.5 to 2.5	Pass

	1772.5	75	0	20	3.15	-0.272	-0.0002	-2.5 to 2.5	Pass
					3.70	-1.631	-0.0009	-2.5 to 2.5	Pass
					4.30	-0.615	-0.0003	-2.5 to 2.5	Pass
				-30	3.70	-4.635	-0.0026	-2.5 to 2.5	Pass
				-20	3.70	-2.246	-0.0013	-2.5 to 2.5	Pass
				-10	3.70	-2.146	-0.0012	-2.5 to 2.5	Pass
				0	3.70	-4.549	-0.0026	-2.5 to 2.5	Pass
				10	3.70	-5.250	-0.0030	-2.5 to 2.5	Pass
				30	3.70	1.144	0.0006	-2.5 to 2.5	Pass
				40	3.70	-1.445	-0.0008	-2.5 to 2.5	Pass
				50	3.70	1.001	0.0006	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.15	1.831	0.0011	-2.5 to 2.5	Pass
					3.70	0.186	0.0001	-2.5 to 2.5	Pass
					4.30	-1.802	-0.0010	-2.5 to 2.5	Pass
				-30	3.70	2.990	0.0017	-2.5 to 2.5	Pass
				-20	3.70	1.516	0.0009	-2.5 to 2.5	Pass
				-10	3.70	-1.345	-0.0008	-2.5 to 2.5	Pass
				0	3.70	1.516	0.0009	-2.5 to 2.5	Pass
				10	3.70	-1.030	-0.0006	-2.5 to 2.5	Pass
				30	3.70	0.958	0.0006	-2.5 to 2.5	Pass
				40	3.70	-0.386	-0.0002	-2.5 to 2.5	Pass
				50	3.70	2.632	0.0015	-2.5 to 2.5	Pass
	1745	100	0	20	3.15	4.635	0.0027	-2.5 to 2.5	Pass
					3.70	2.046	0.0012	-2.5 to 2.5	Pass
					4.30	3.920	0.0022	-2.5 to 2.5	Pass
				-30	3.70	0.315	0.0002	-2.5 to 2.5	Pass
				-20	3.70	1.988	0.0011	-2.5 to 2.5	Pass
				-10	3.70	4.964	0.0028	-2.5 to 2.5	Pass
				0	3.70	1.602	0.0009	-2.5 to 2.5	Pass
				10	3.70	4.048	0.0023	-2.5 to 2.5	Pass
				30	3.70	3.033	0.0017	-2.5 to 2.5	Pass
				40	3.70	7.181	0.0041	-2.5 to 2.5	Pass
				50	3.70	4.220	0.0024	-2.5 to 2.5	Pass
	1770	100	0	20	3.15	0.386	0.0002	-2.5 to 2.5	Pass
					3.70	0.801	0.0005	-2.5 to 2.5	Pass
					4.30	1.016	0.0006	-2.5 to 2.5	Pass
				-30	3.70	2.031	0.0011	-2.5 to 2.5	Pass
				-20	3.70	-0.329	-0.0002	-2.5 to 2.5	Pass
				-10	3.70	-1.144	-0.0006	-2.5 to 2.5	Pass
				0	3.70	-6.909	-0.0039	-2.5 to 2.5	Pass
				10	3.70	-1.345	-0.0008	-2.5 to 2.5	Pass
				30	3.70	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.70	2.460	0.0014	-2.5 to 2.5	Pass
				50	3.70	1.259	0.0007	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.15	0.858	0.0005	-2.5 to 2.5	Pass
					3.70	1.974	0.0011	-2.5 to 2.5	Pass
					4.30	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.70	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.70	1.316	0.0008	-2.5 to 2.5	Pass
				-10	3.70	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.70	-2.818	-0.0016	-2.5 to 2.5	Pass
				10	3.70	2.818	0.0016	-2.5 to 2.5	Pass

				30	3.70	-1.860	-0.0011	-2.5 to 2.5	Pass
				40	3.70	3.691	0.0021	-2.5 to 2.5	Pass
				50	3.70	2.432	0.0014	-2.5 to 2.5	Pass
	1745	100	0	20	3.15	2.718	0.0016	-2.5 to 2.5	Pass
					3.70	1.230	0.0007	-2.5 to 2.5	Pass
					4.30	-0.329	-0.0002	-2.5 to 2.5	Pass
				-30	3.70	0.930	0.0005	-2.5 to 2.5	Pass
				-20	3.70	1.903	0.0011	-2.5 to 2.5	Pass
				-10	3.70	2.618	0.0015	-2.5 to 2.5	Pass
				0	3.70	1.345	0.0008	-2.5 to 2.5	Pass
				10	3.70	1.845	0.0011	-2.5 to 2.5	Pass
				30	3.70	2.589	0.0015	-2.5 to 2.5	Pass
				40	3.70	-0.587	-0.0003	-2.5 to 2.5	Pass
				50	3.70	-0.343	-0.0002	-2.5 to 2.5	Pass
	1770	100	0	20	3.15	-0.815	-0.0005	-2.5 to 2.5	Pass
					3.70	0.973	0.0005	-2.5 to 2.5	Pass
					4.30	3.734	0.0021	-2.5 to 2.5	Pass
				-30	3.70	1.674	0.0009	-2.5 to 2.5	Pass
				-20	3.70	-1.473	-0.0008	-2.5 to 2.5	Pass
				-10	3.70	-2.890	-0.0016	-2.5 to 2.5	Pass
				0	3.70	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.70	1.087	0.0006	-2.5 to 2.5	Pass
				30	3.70	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.70	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.70	1.674	0.0009	-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

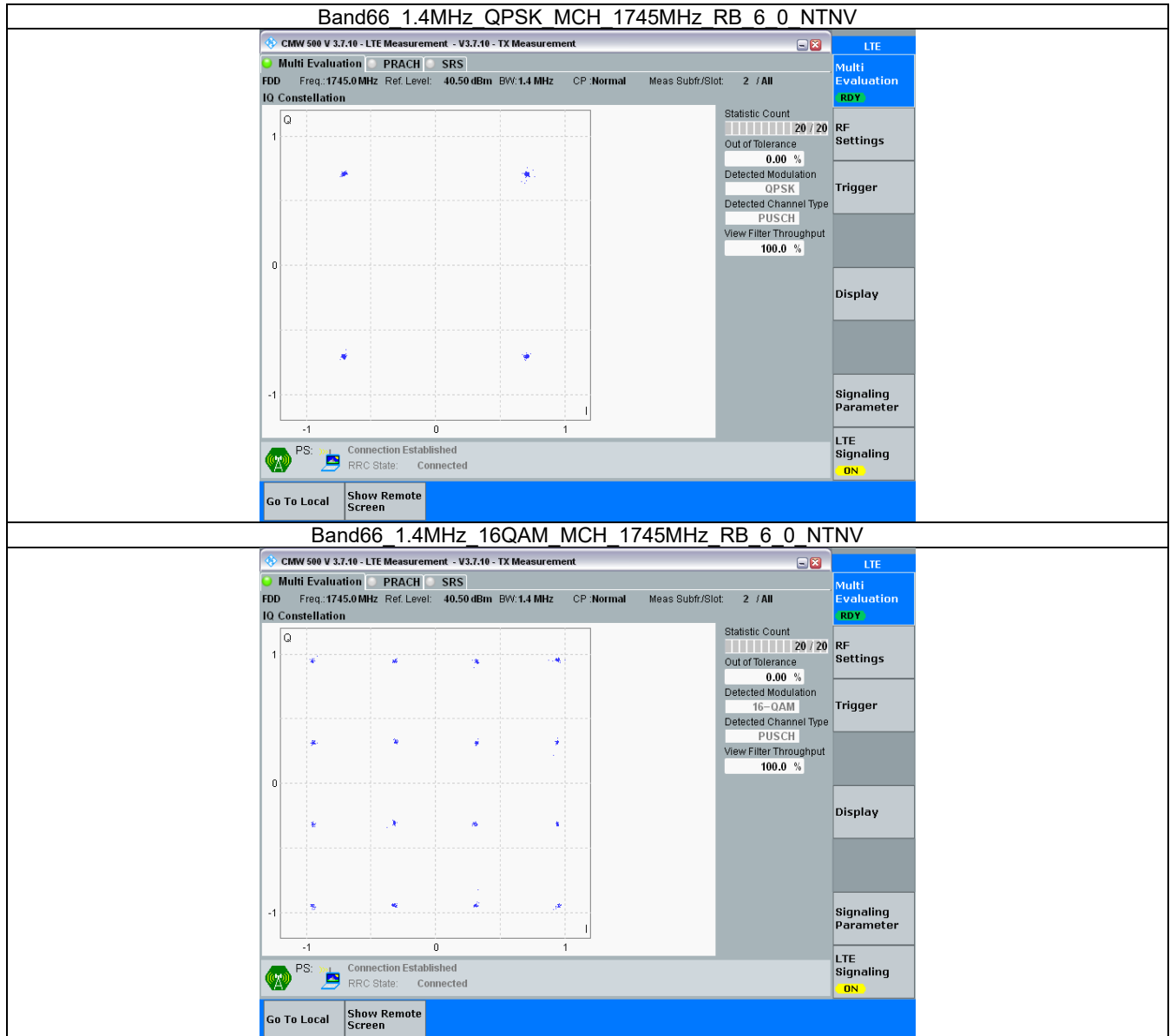
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

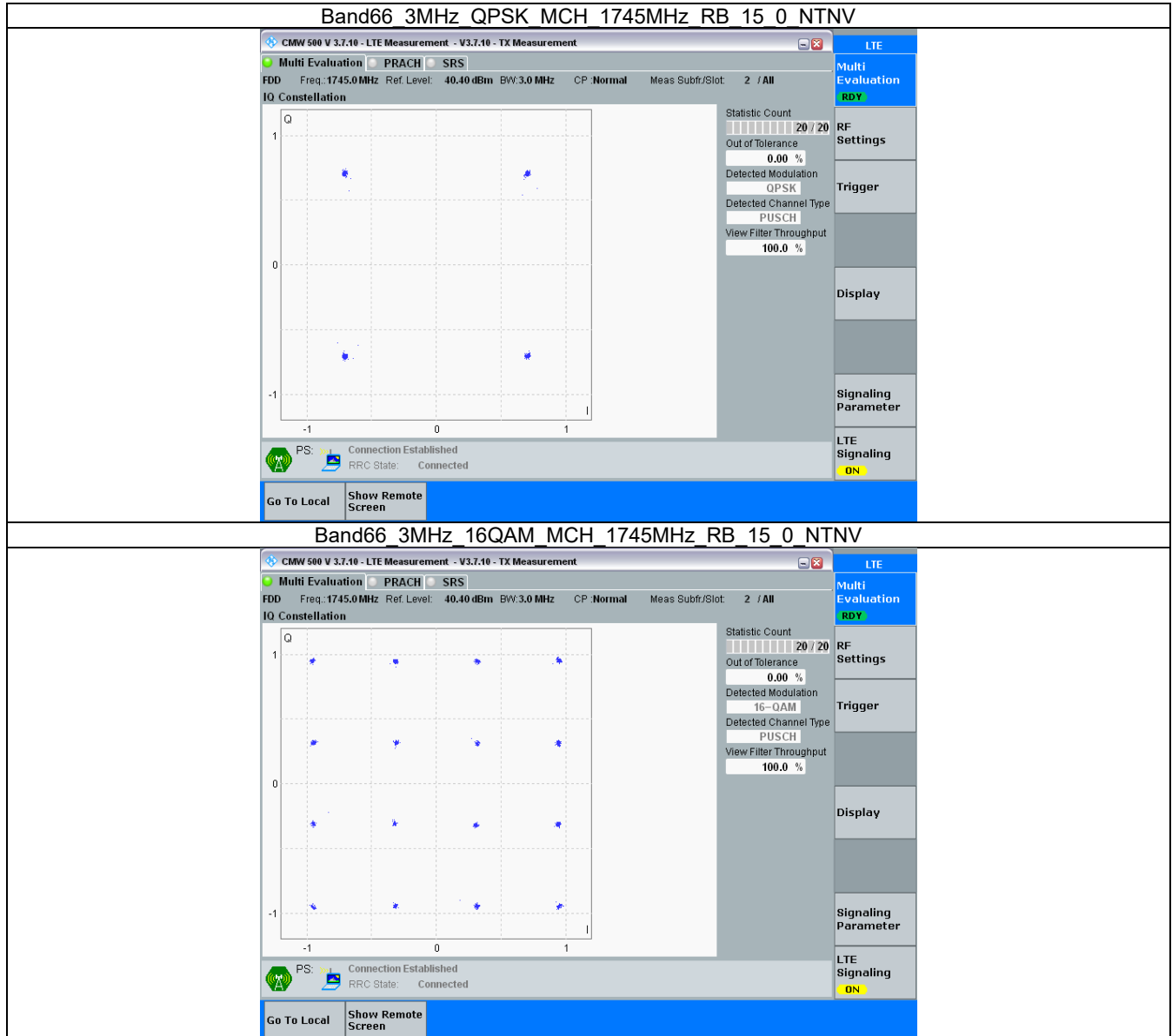
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

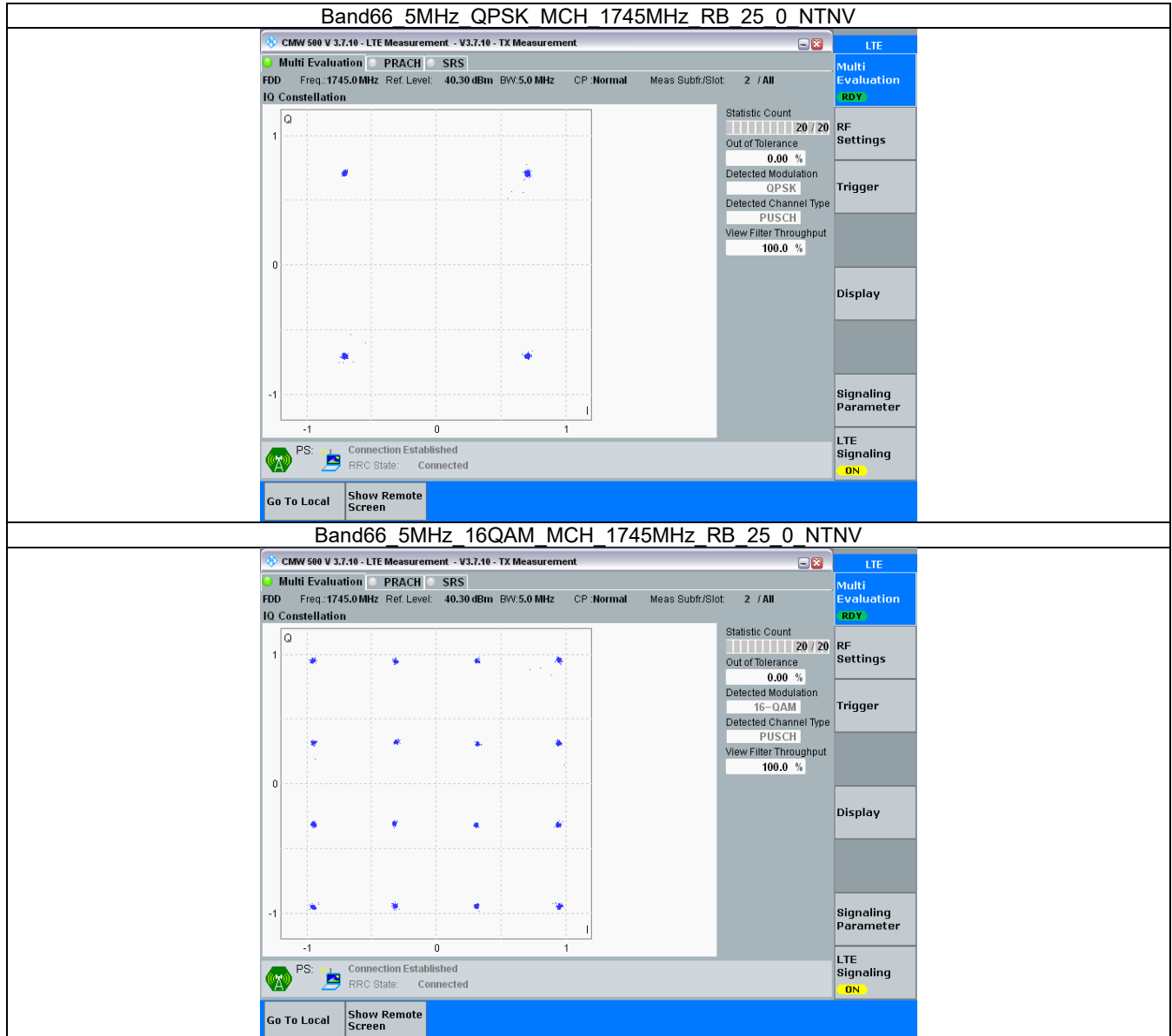
3.2.1 B66_1.4MHz



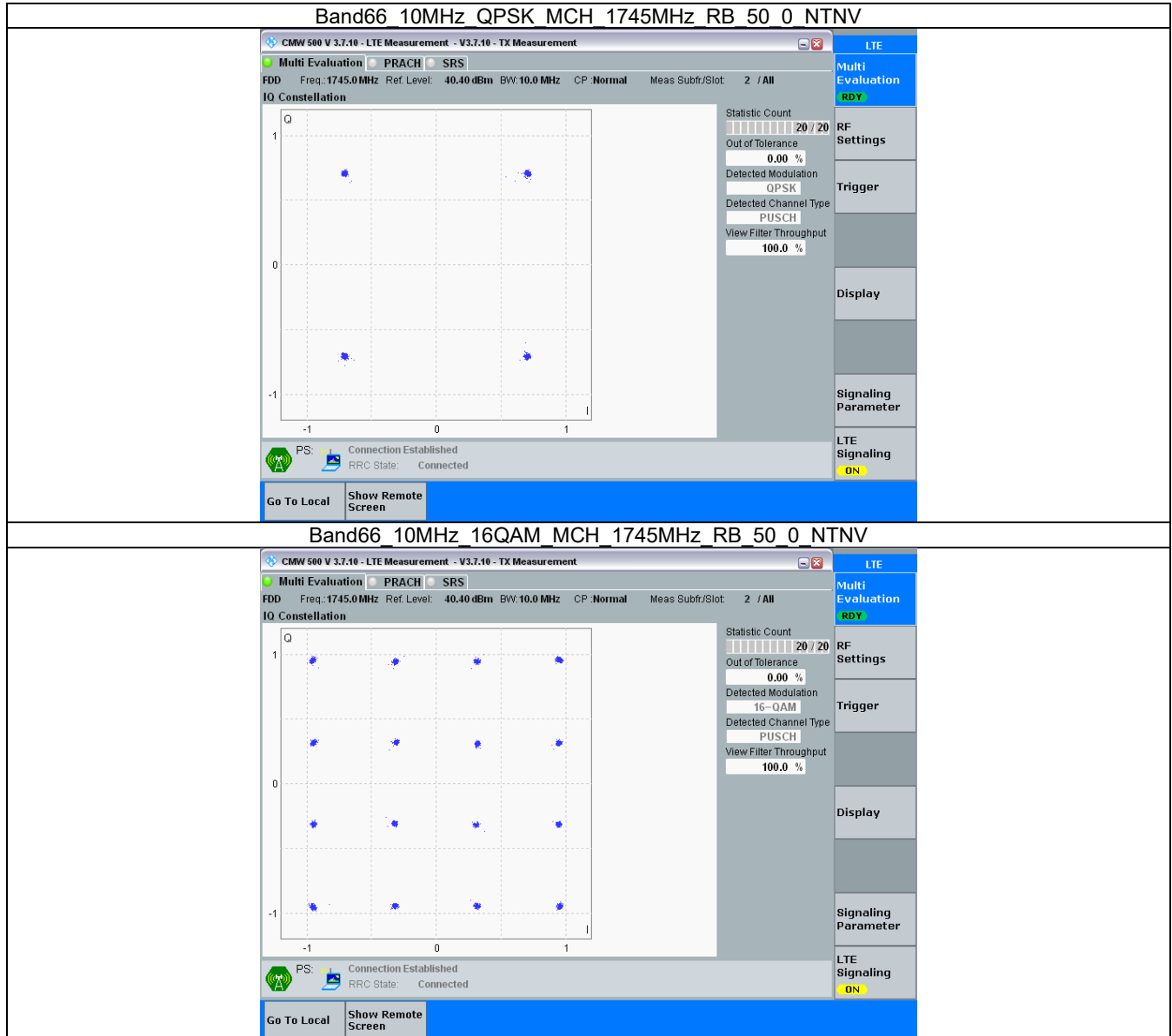
3.2.2 B66_3MHz



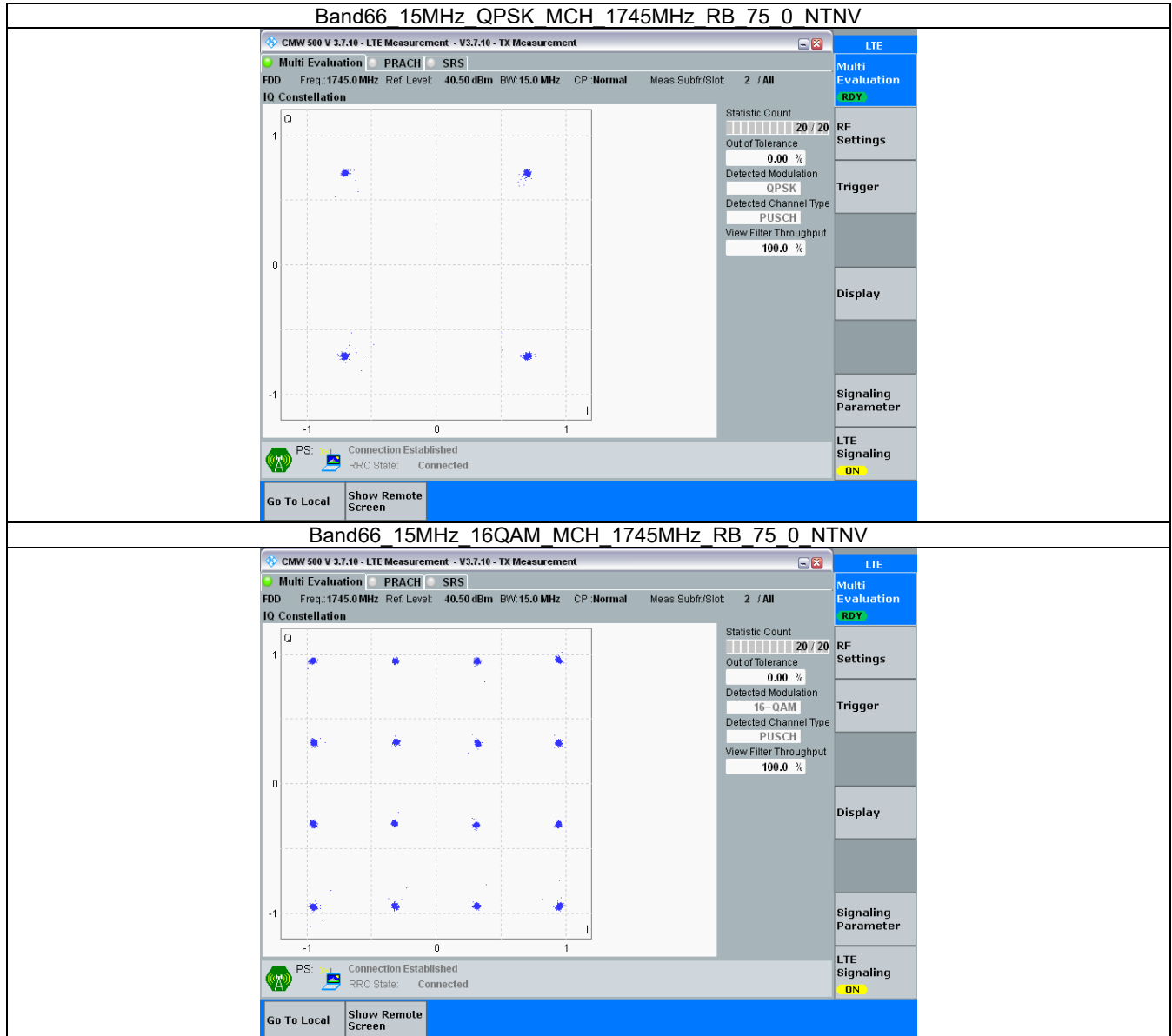
3.2.3 B66_5MHz



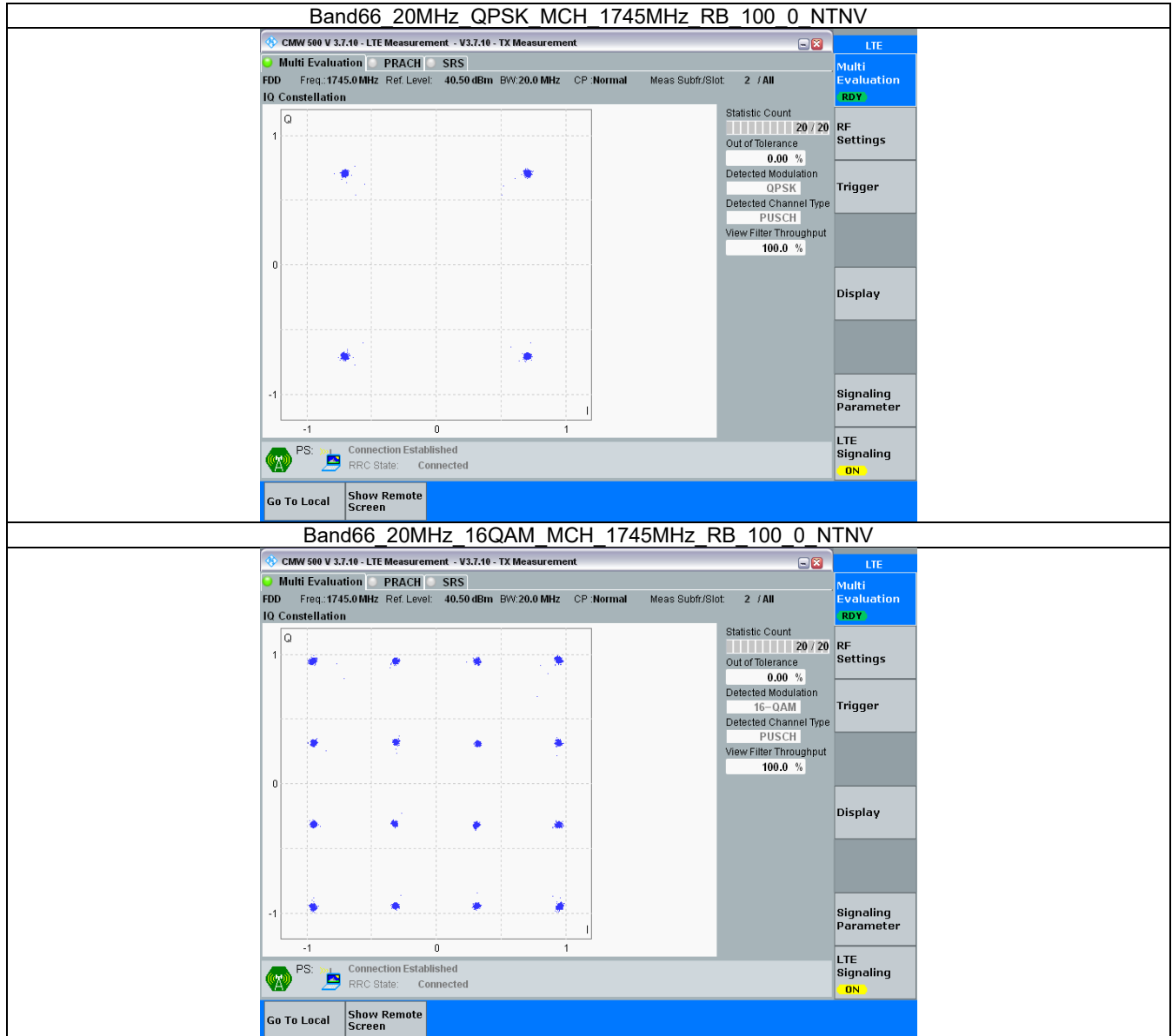
3.2.4 B66_10MHz



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	1.112	/	Pass
		1745	6	0	1.107	/	Pass
		1779.3	6	0	1.117	/	Pass
	16QAM	1710.7	6	0	1.115	/	Pass
		1745	6	0	1.113	/	Pass
		1779.3	6	0	1.109	/	Pass
3	QPSK	1711.5	15	0	2.730	/	Pass
		1745	15	0	2.745	/	Pass
		1778.5	15	0	2.731	/	Pass
	16QAM	1711.5	15	0	2.724	/	Pass
		1745	15	0	2.730	/	Pass
		1778.5	15	0	2.727	/	Pass
5	QPSK	1712.5	25	0	4.537	/	Pass
		1745	25	0	4.550	/	Pass
		1777.5	25	0	4.560	/	Pass
	16QAM	1712.5	25	0	4.548	/	Pass
		1745	25	0	4.553	/	Pass
		1777.5	25	0	4.541	/	Pass
10	QPSK	1715	50	0	9.041	/	Pass
		1745	50	0	9.050	/	Pass
		1775	50	0	9.063	/	Pass
	16QAM	1715	50	0	9.063	/	Pass
		1745	50	0	9.054	/	Pass
		1775	50	0	9.053	/	Pass
15	QPSK	1717.5	75	0	13.572	/	Pass
		1745	75	0	13.569	/	Pass
		1772.5	75	0	13.615	/	Pass
	16QAM	1717.5	75	0	13.563	/	Pass
		1745	75	0	13.611	/	Pass
		1772.5	75	0	13.628	/	Pass
20	QPSK	1720	100	0	18.061	/	Pass
		1745	100	0	18.072	/	Pass
		1770	100	0	18.129	/	Pass
	16QAM	1720	100	0	18.120	/	Pass
		1745	100	0	18.116	/	Pass
		1770	100	0	18.153	/	Pass

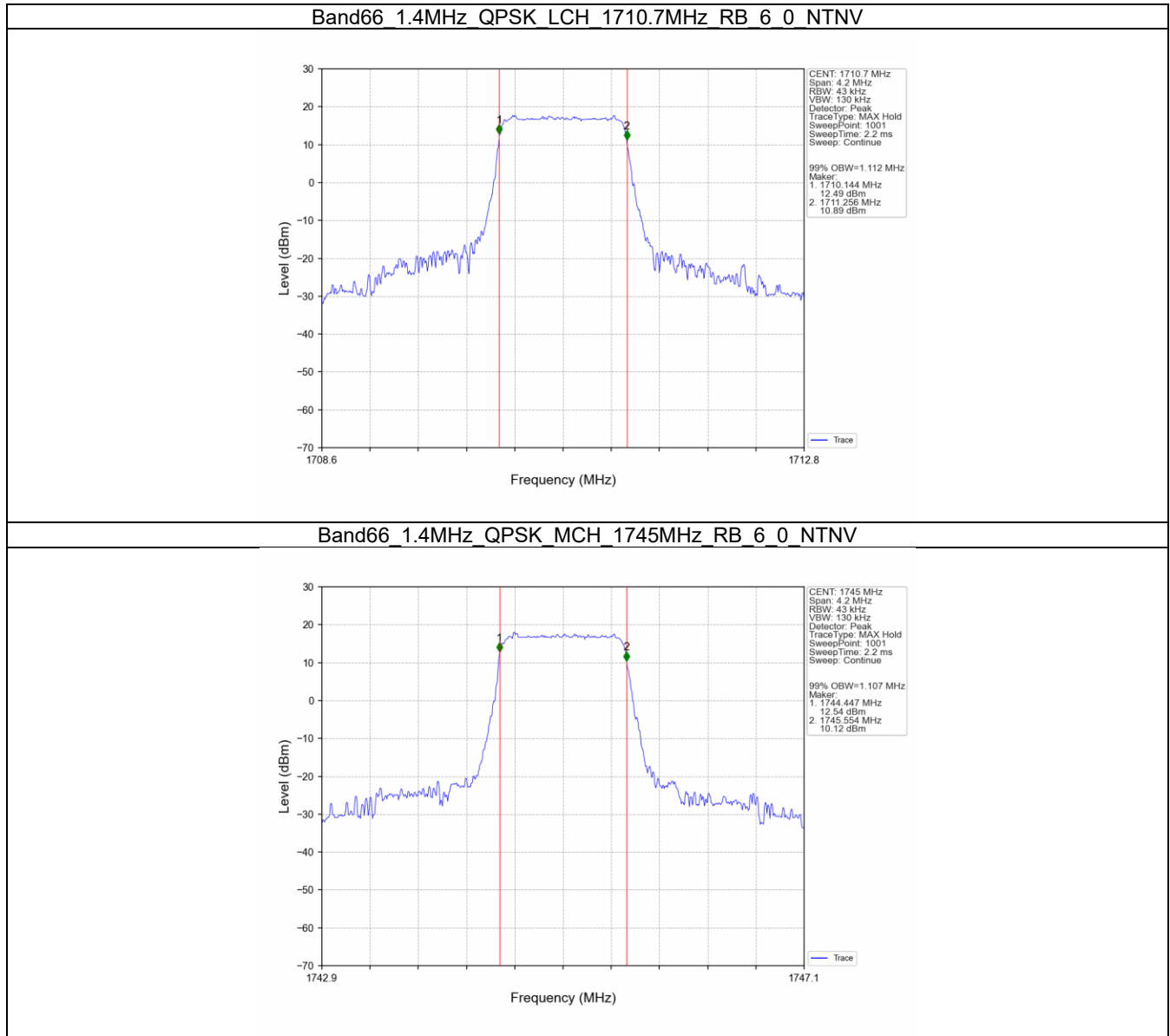
4.1.2 Band66_XDB

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	1.328	/	Pass
		1745	6	0	1.318	/	Pass
		1779.3	6	0	1.320	/	Pass
	16QAM	1710.7	6	0	1.319	/	Pass
		1745	6	0	1.323	/	Pass
		1779.3	6	0	1.329	/	Pass
3	QPSK	1711.5	15	0	3.012	/	Pass

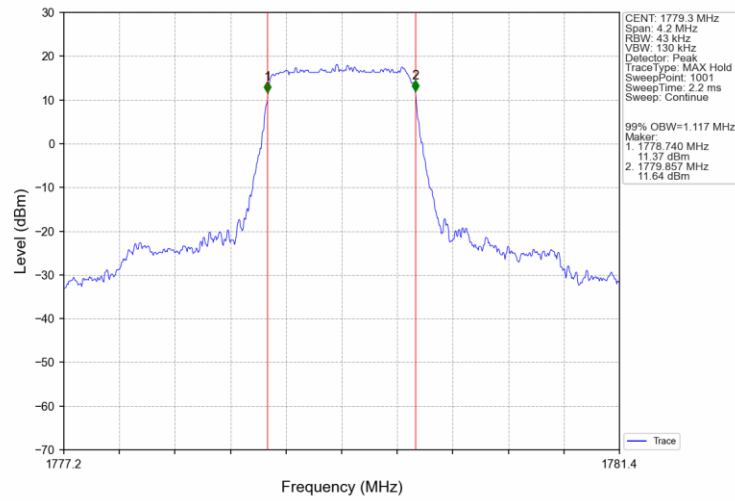
	16QAM	1745	15	0	3.019	/	Pass
		1778.5	15	0	3.010	/	Pass
		1711.5	15	0	3.019	/	Pass
		1745	15	0	3.011	/	Pass
		1778.5	15	0	3.013	/	Pass
5	QPSK	1712.5	25	0	5.053	/	Pass
		1745	25	0	5.062	/	Pass
		1777.5	25	0	5.064	/	Pass
	16QAM	1712.5	25	0	5.092	/	Pass
		1745	25	0	5.017	/	Pass
		1777.5	25	0	5.042	/	Pass
10	QPSK	1715	50	0	9.897	/	Pass
		1745	50	0	9.988	/	Pass
		1775	50	0	9.973	/	Pass
	16QAM	1715	50	0	10.007	/	Pass
		1745	50	0	9.891	/	Pass
		1775	50	0	9.918	/	Pass
15	QPSK	1717.5	75	0	14.997	/	Pass
		1745	75	0	14.946	/	Pass
		1772.5	75	0	14.936	/	Pass
	16QAM	1717.5	75	0	14.839	/	Pass
		1745	75	0	14.906	/	Pass
		1772.5	75	0	14.974	/	Pass
20	QPSK	1720	100	0	19.758	/	Pass
		1745	100	0	19.757	/	Pass
		1770	100	0	19.661	/	Pass
	16QAM	1720	100	0	19.651	/	Pass
		1745	100	0	19.844	/	Pass
		1770	100	0	19.747	/	Pass

4.2 Test Graph

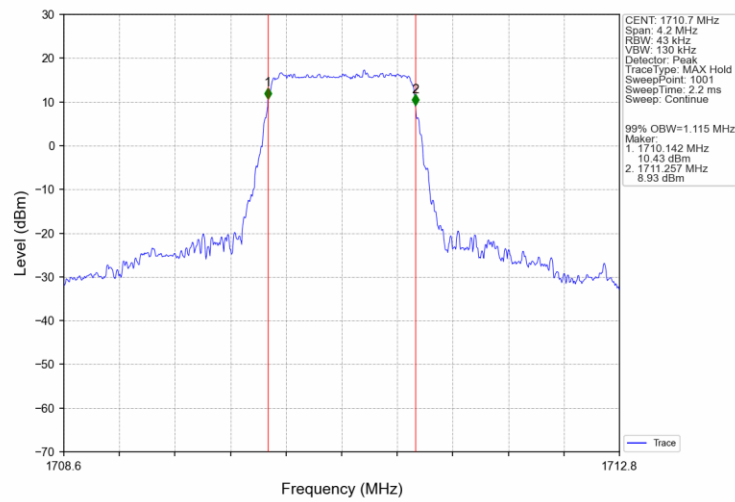
4.2.1 Band66_OBW



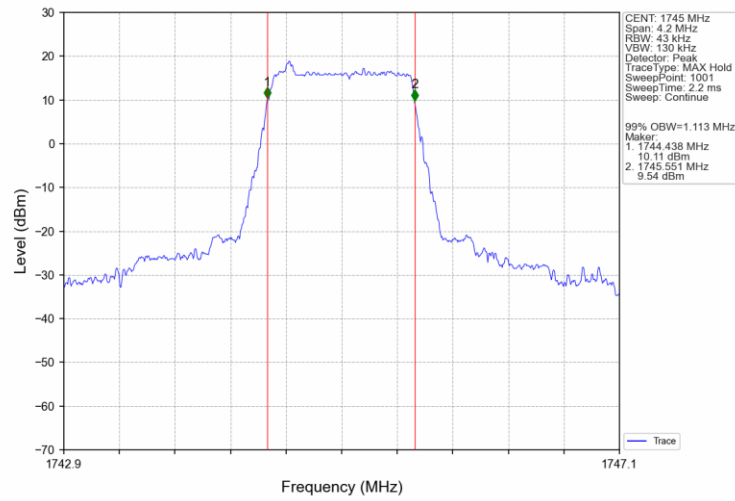
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



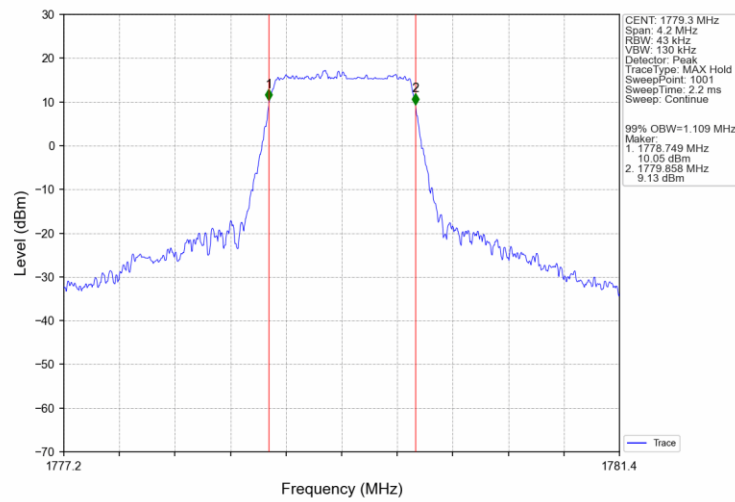
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



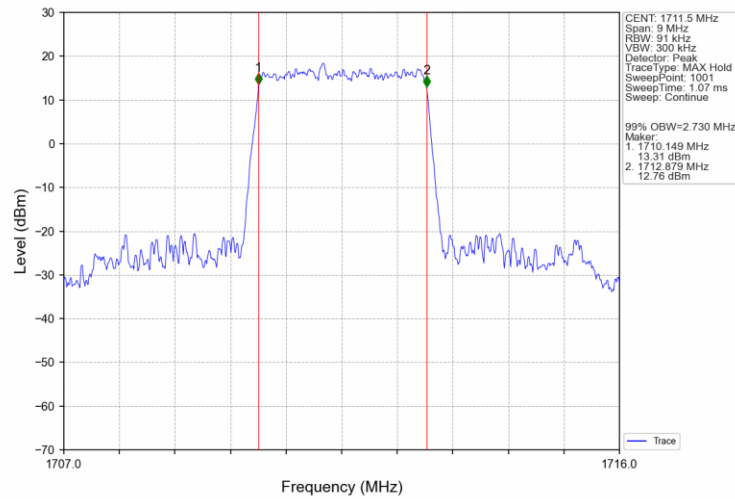
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



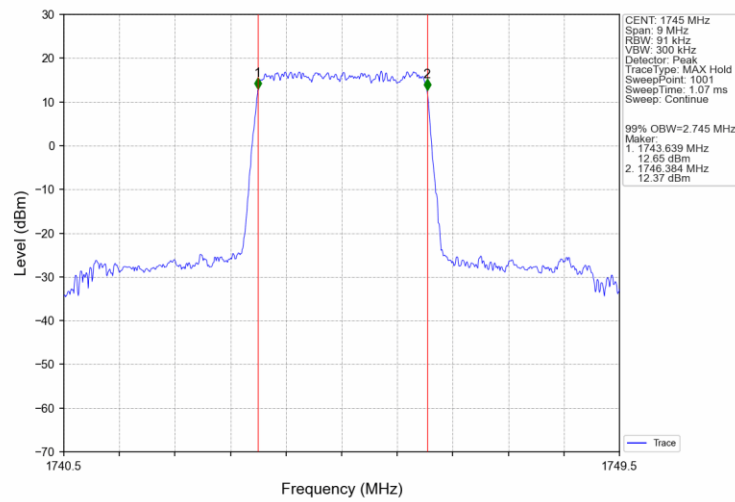
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



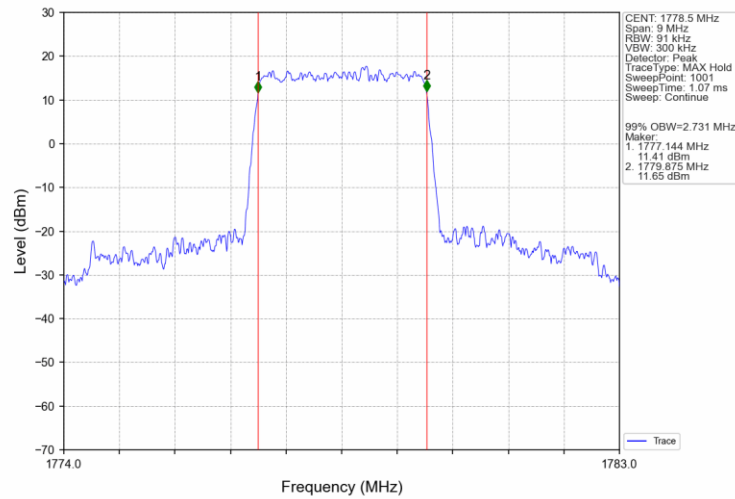
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



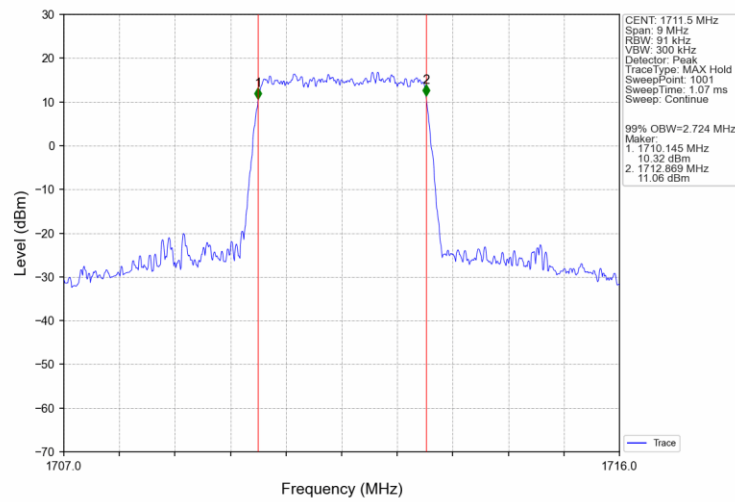
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



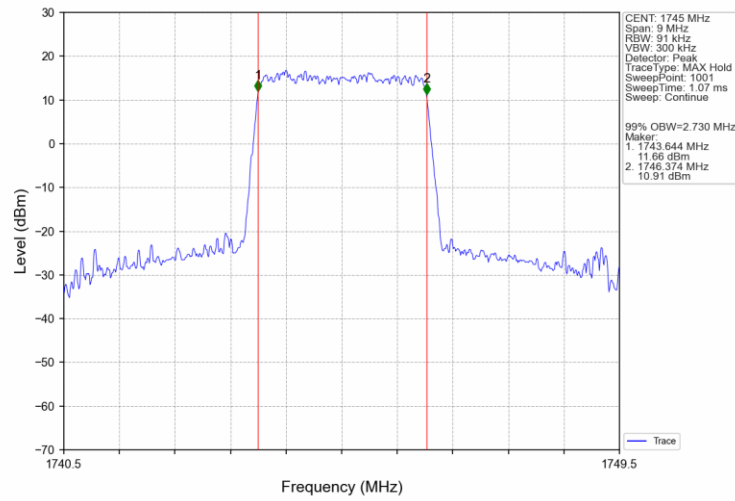
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



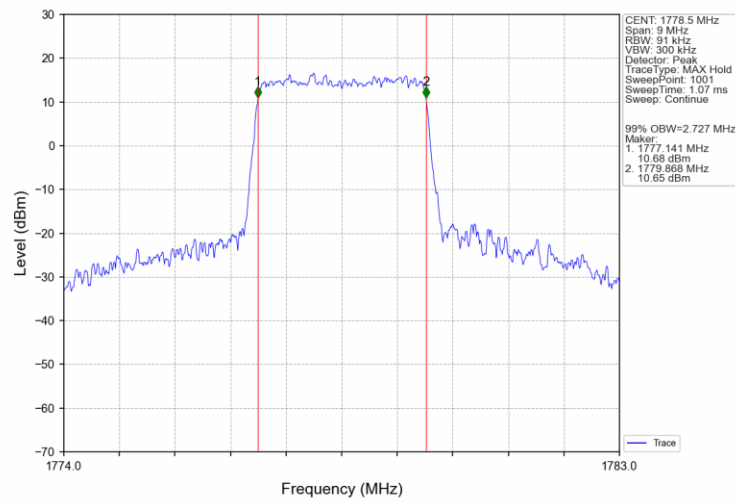
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



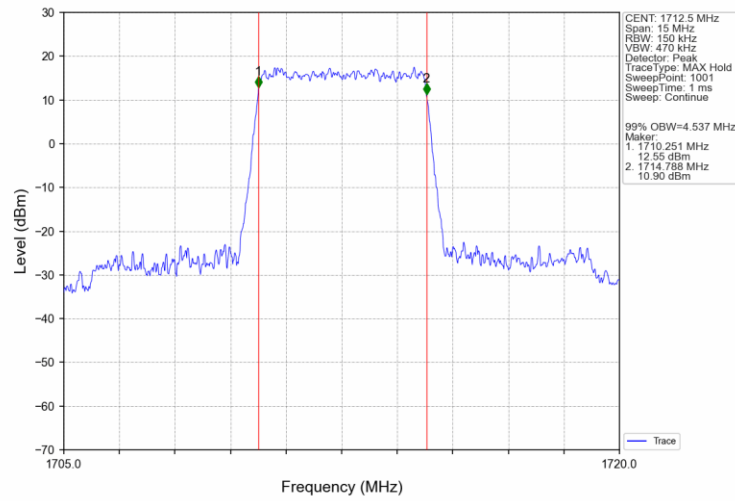
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



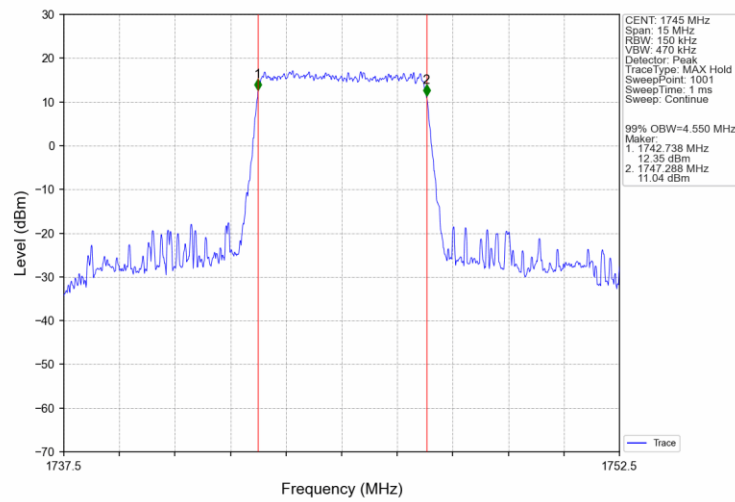
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



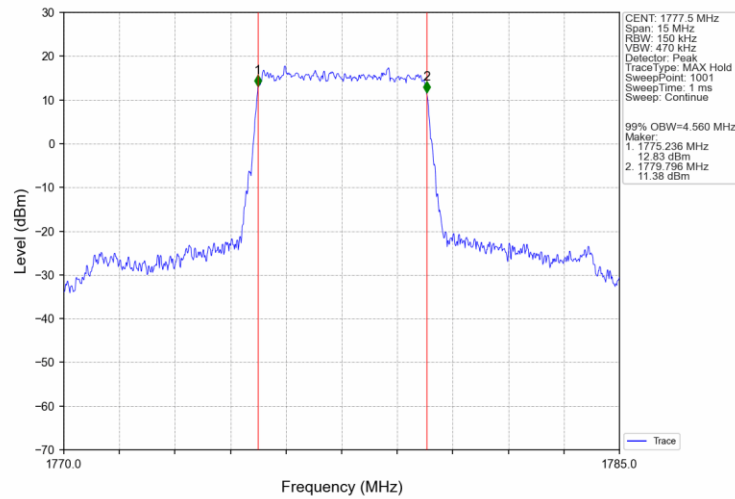
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



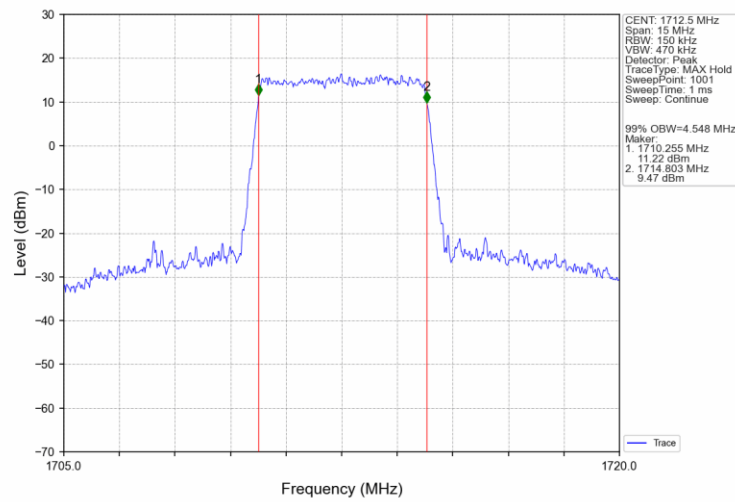
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



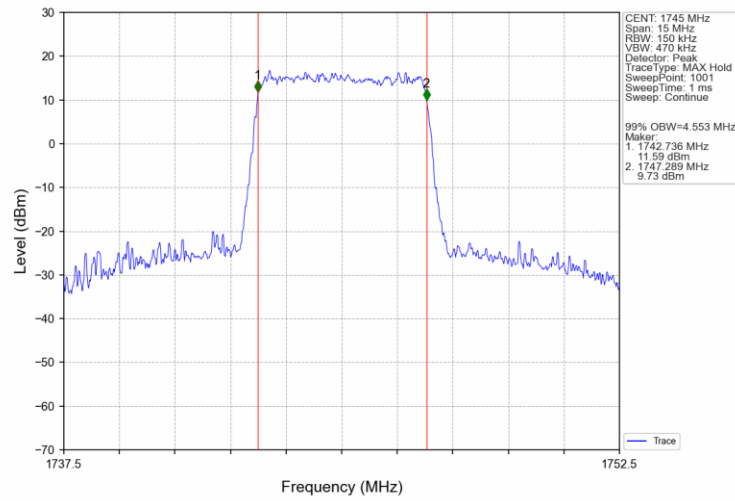
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



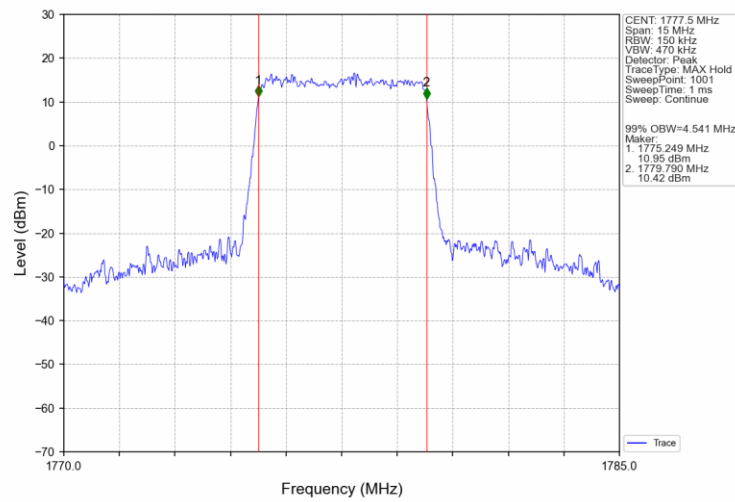
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



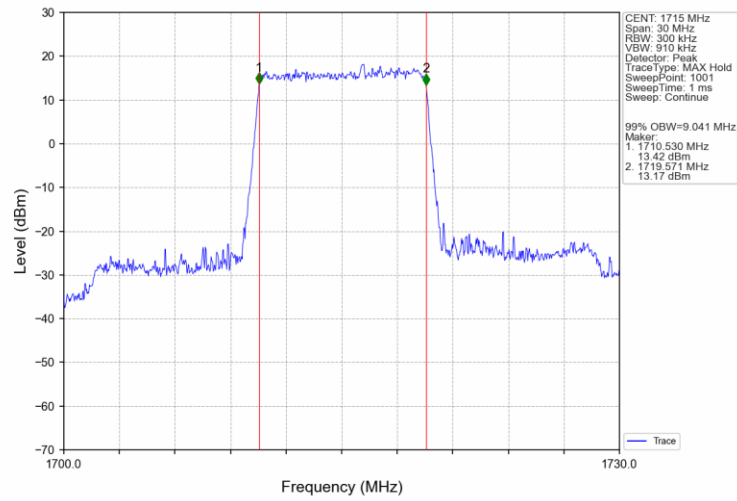
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



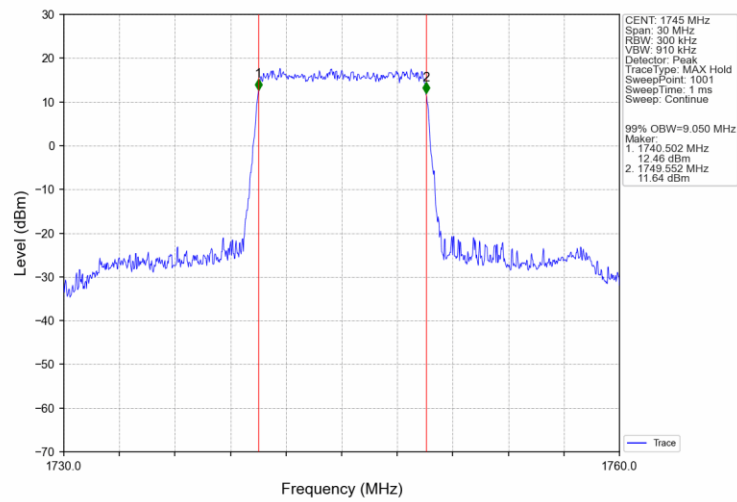
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



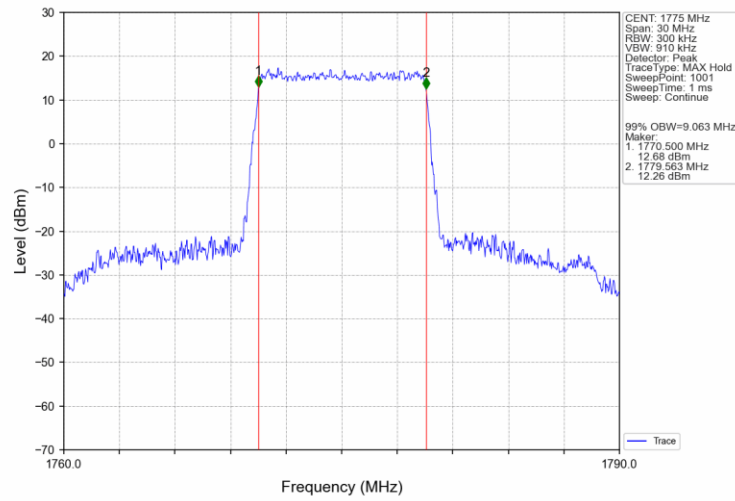
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



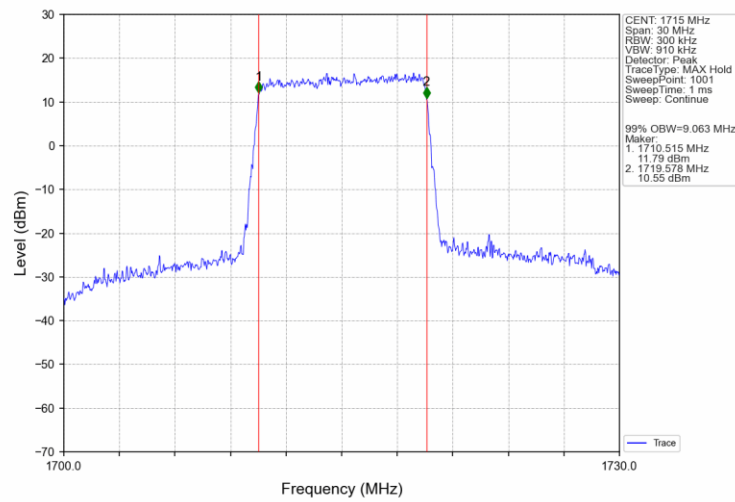
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



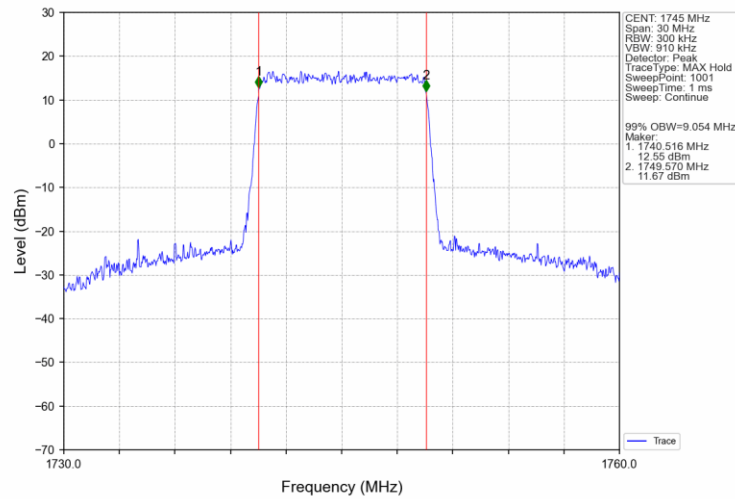
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV



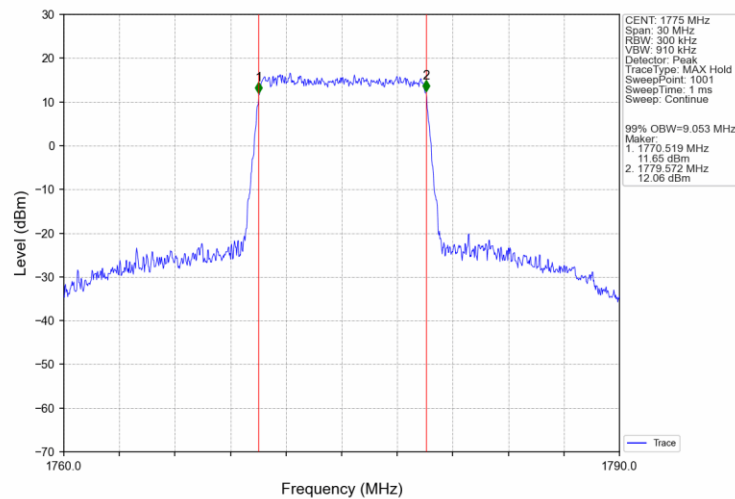
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



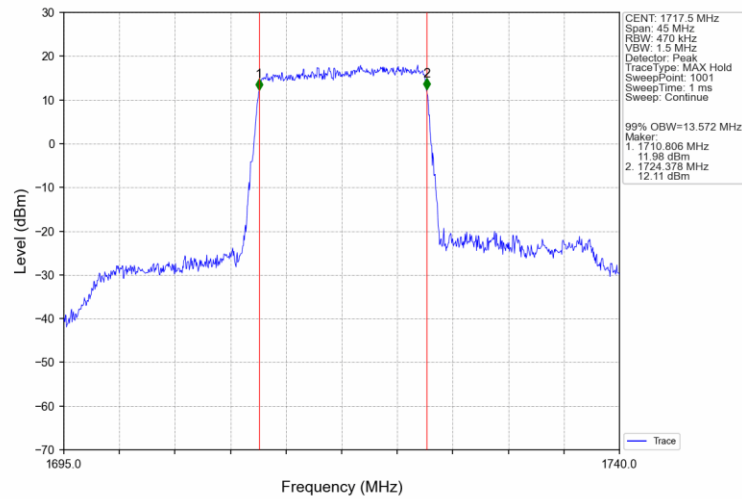
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



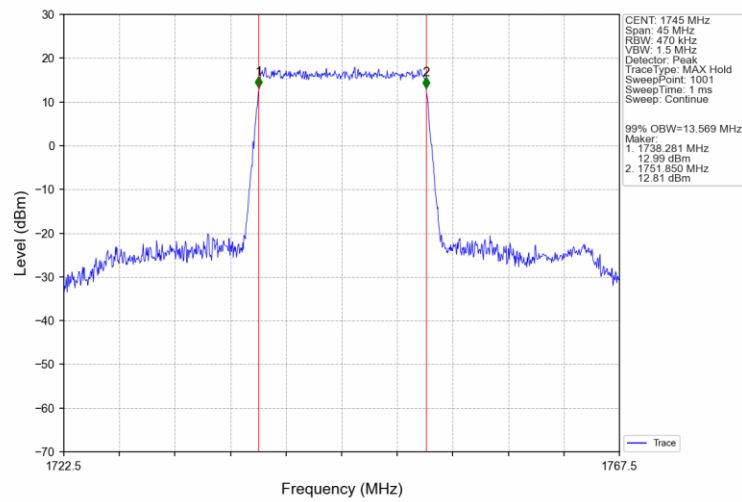
Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



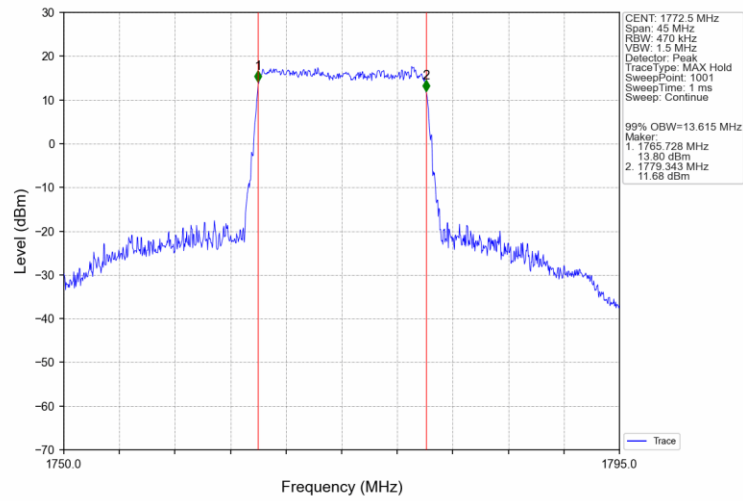
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTN



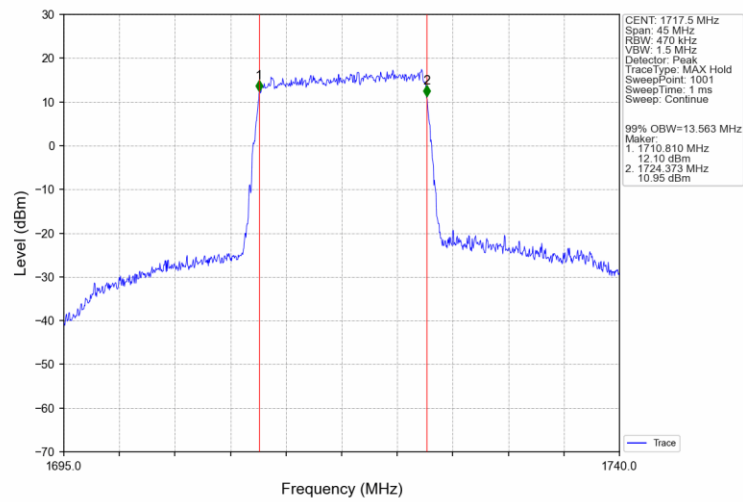
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTN



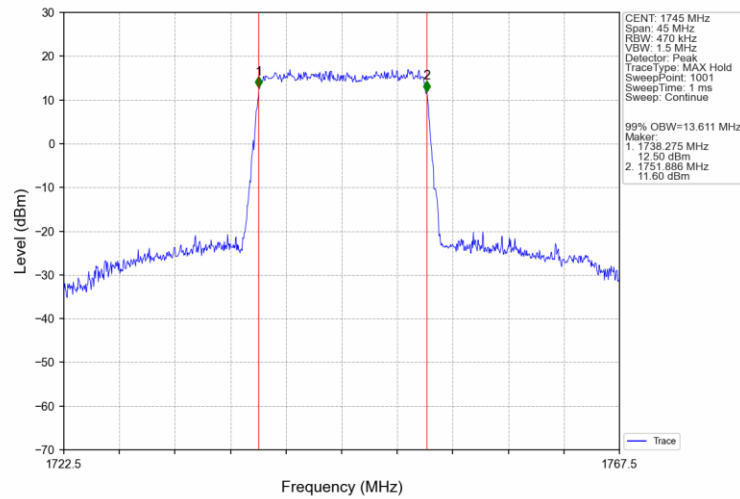
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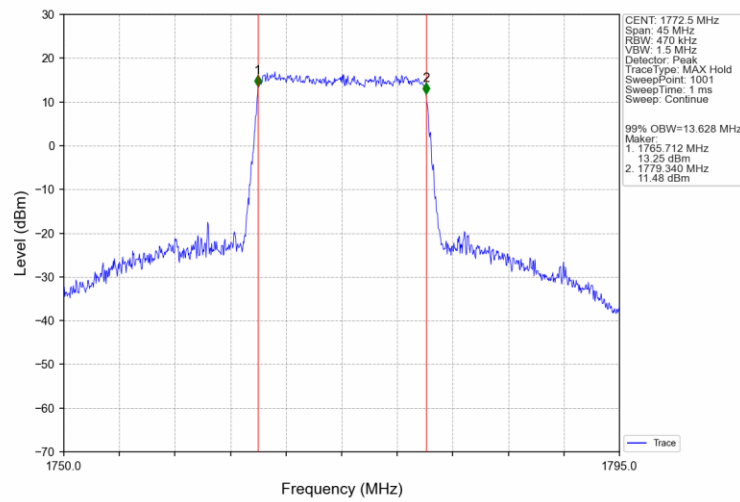
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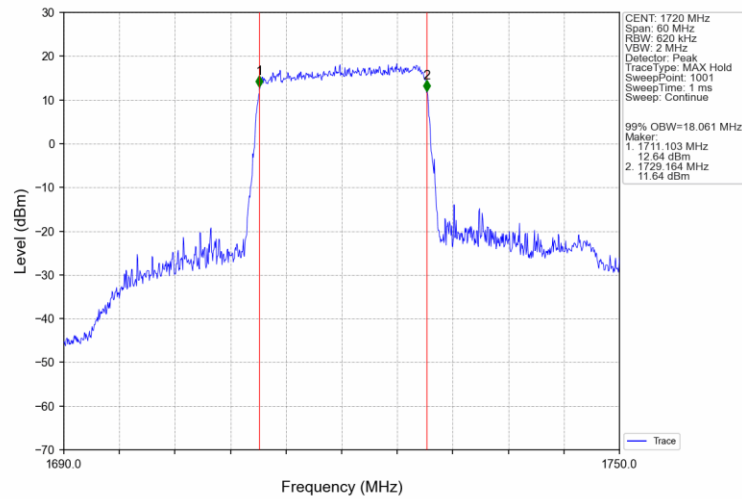
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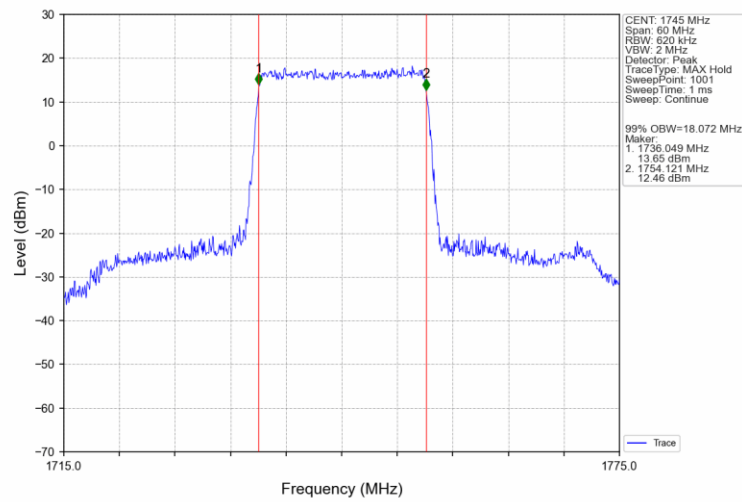
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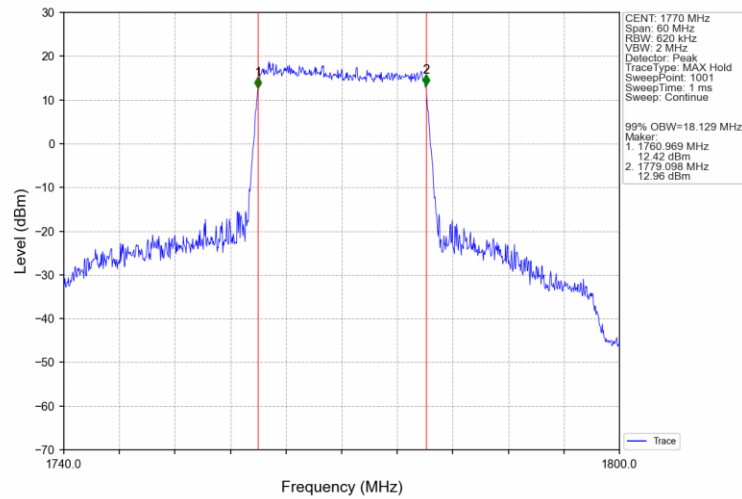
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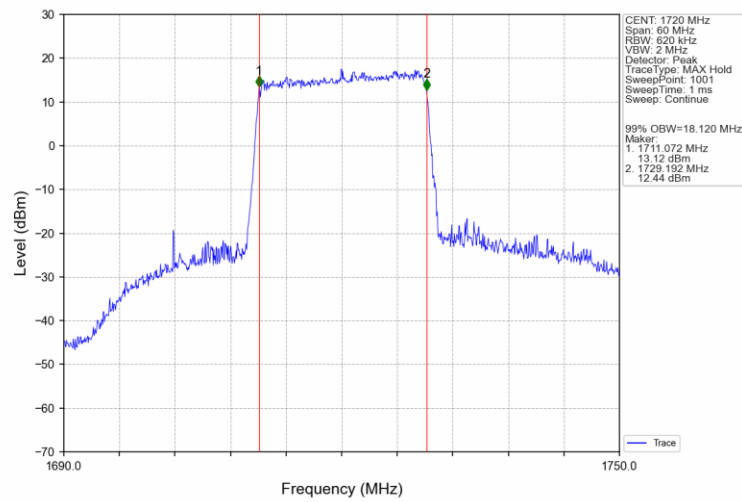
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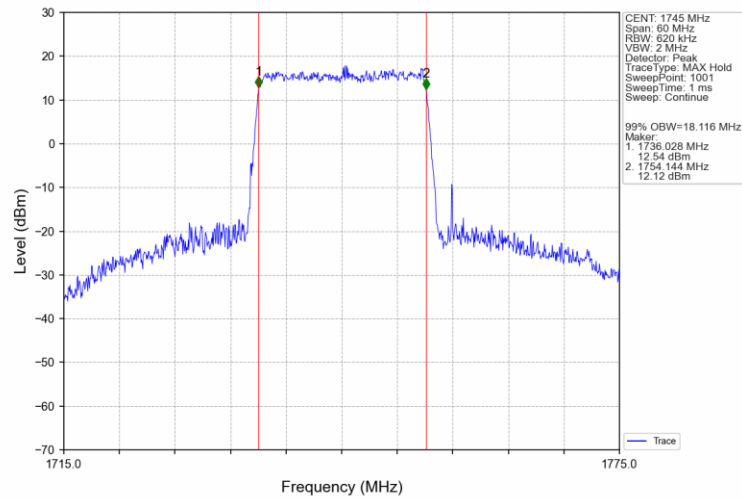
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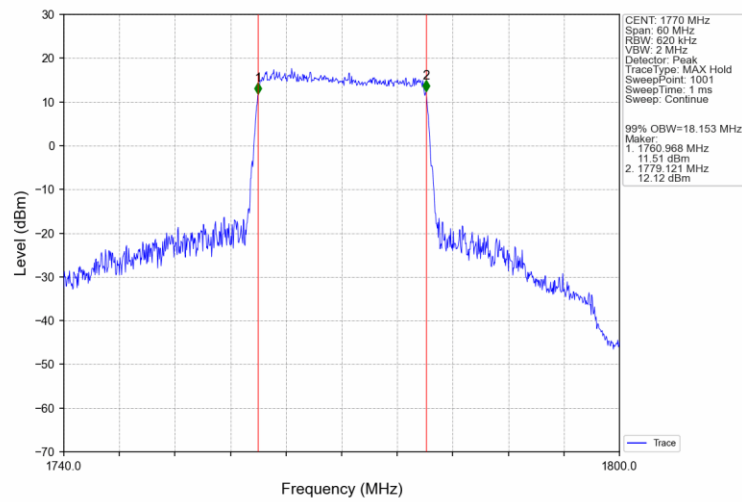
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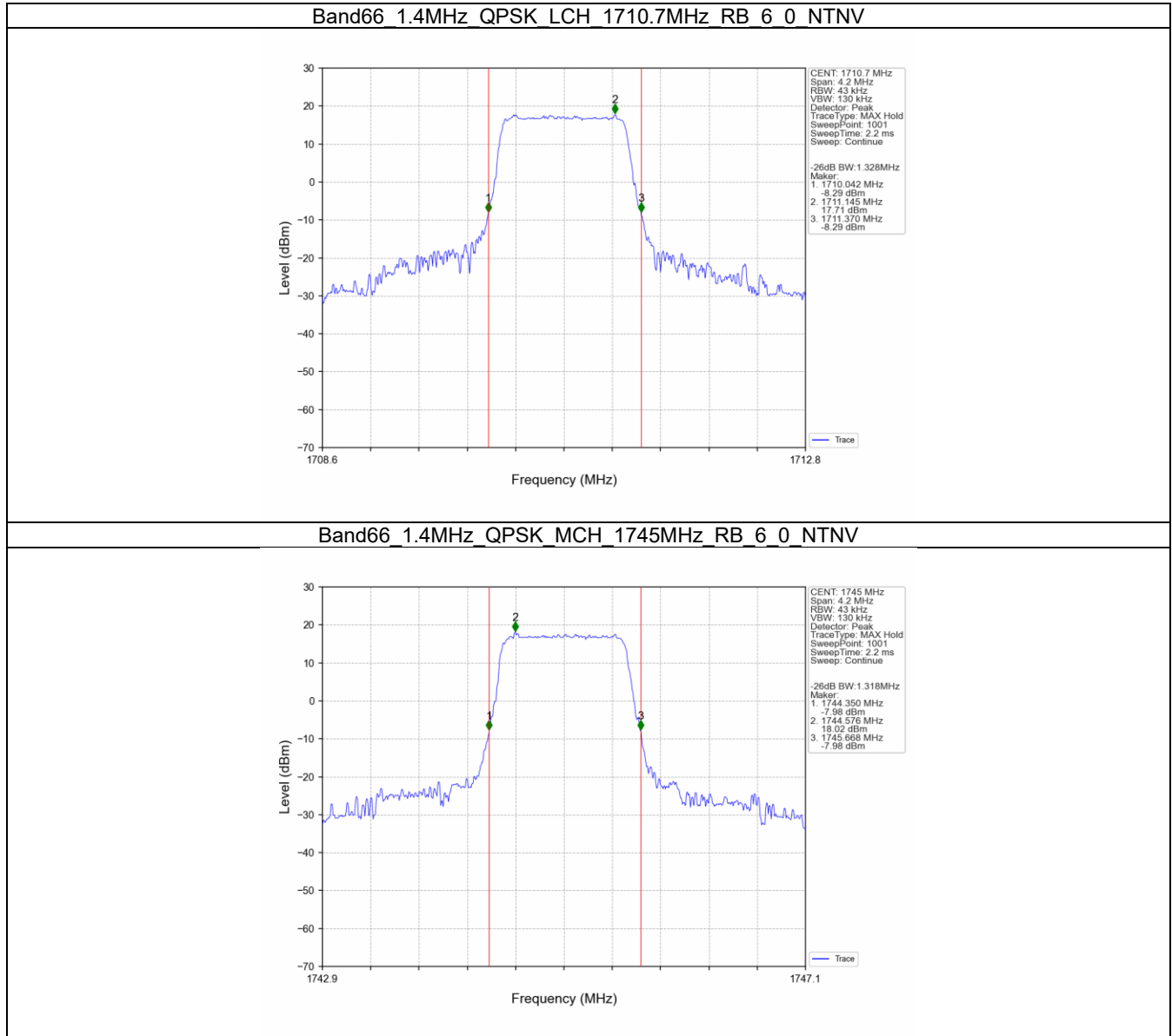
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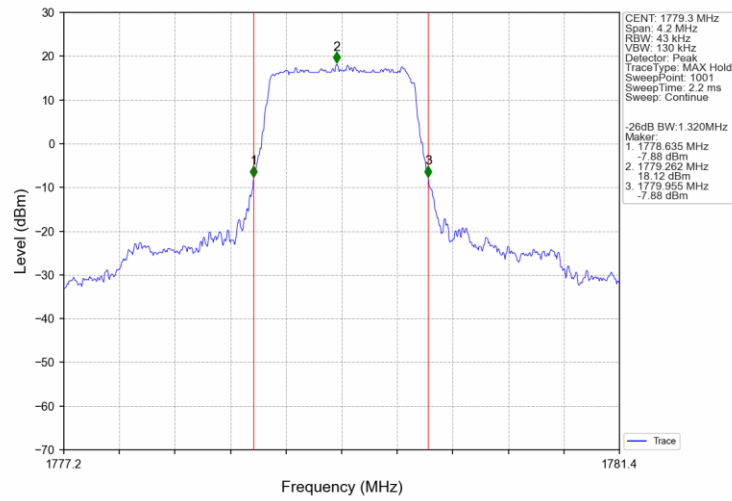
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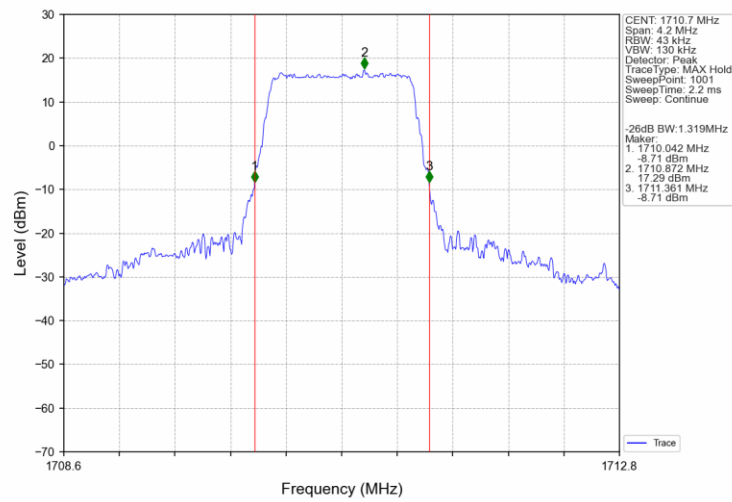
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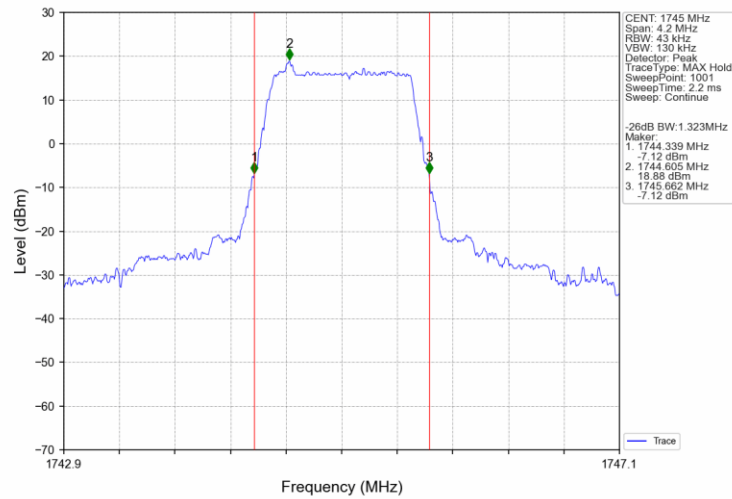
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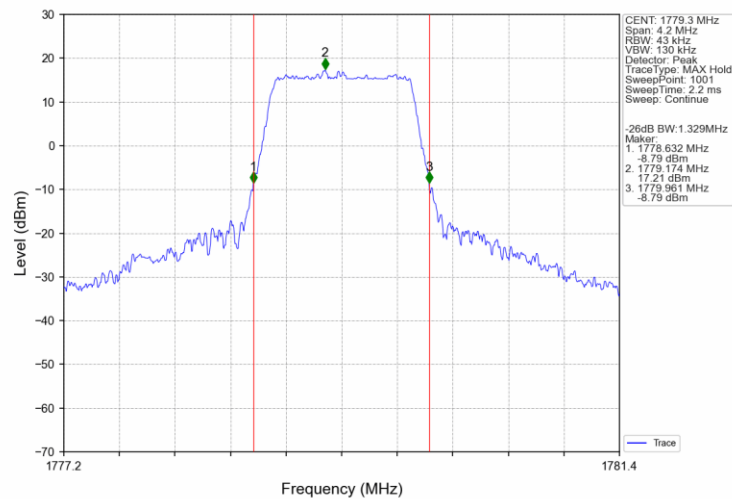
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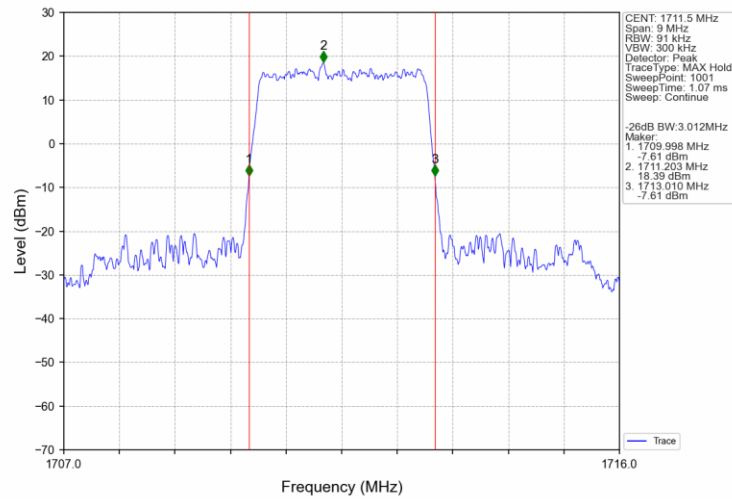
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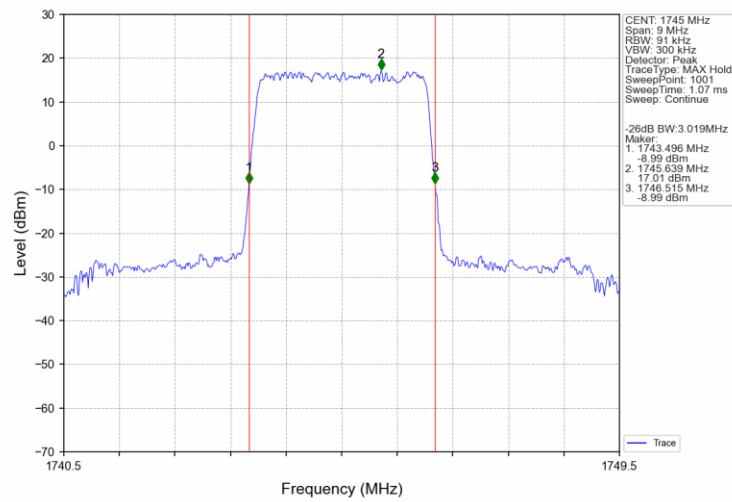
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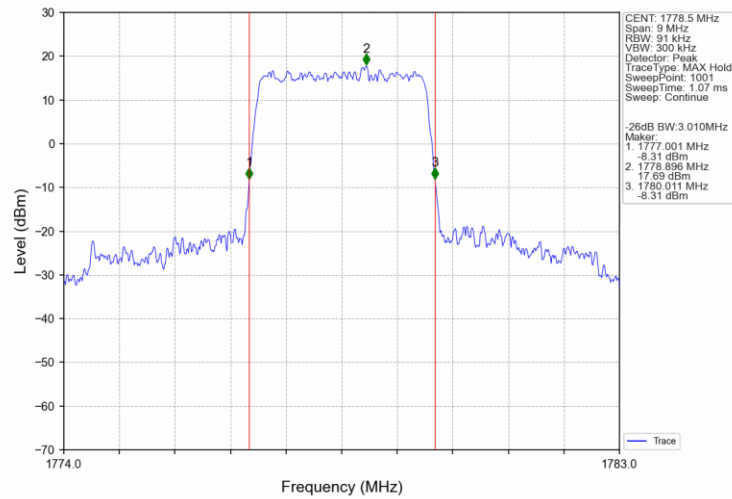
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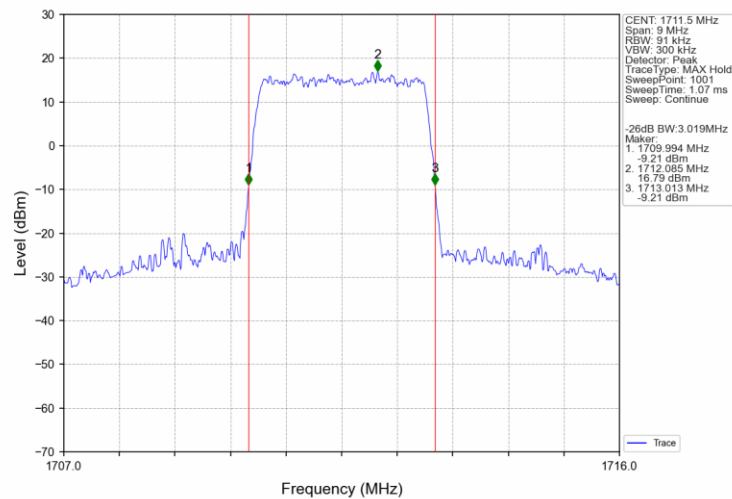
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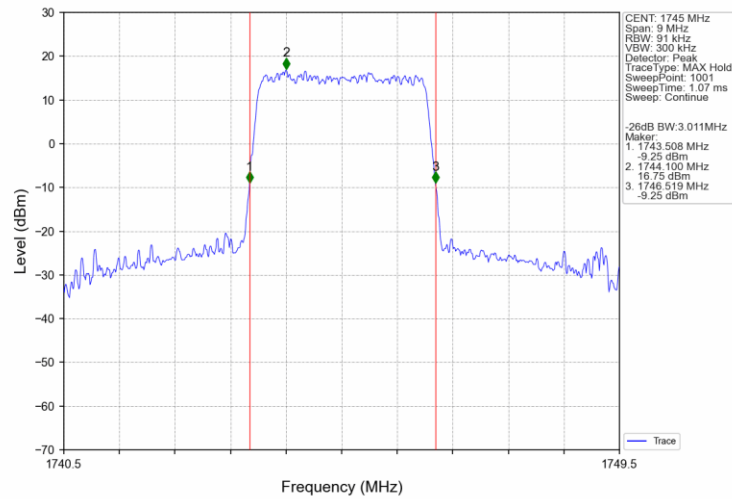
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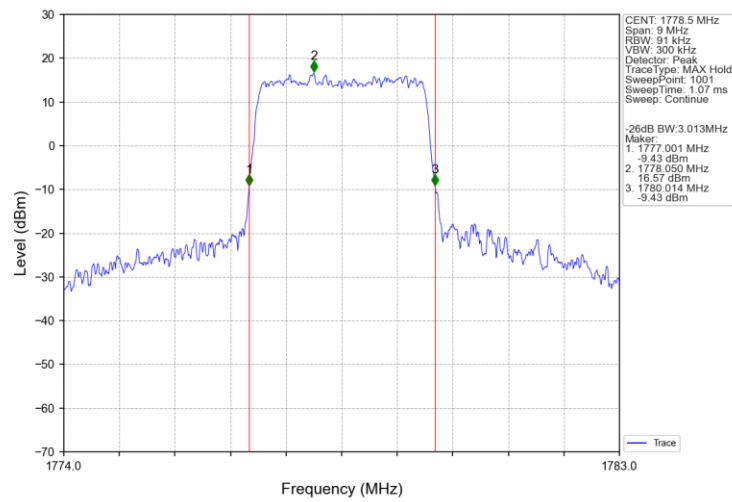
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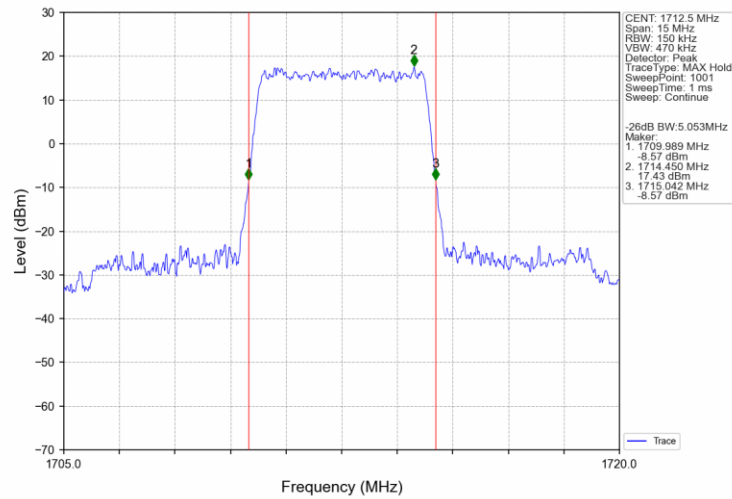
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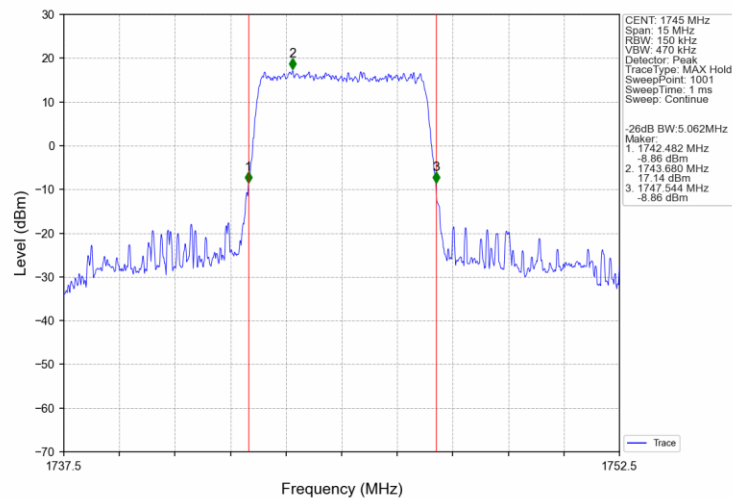
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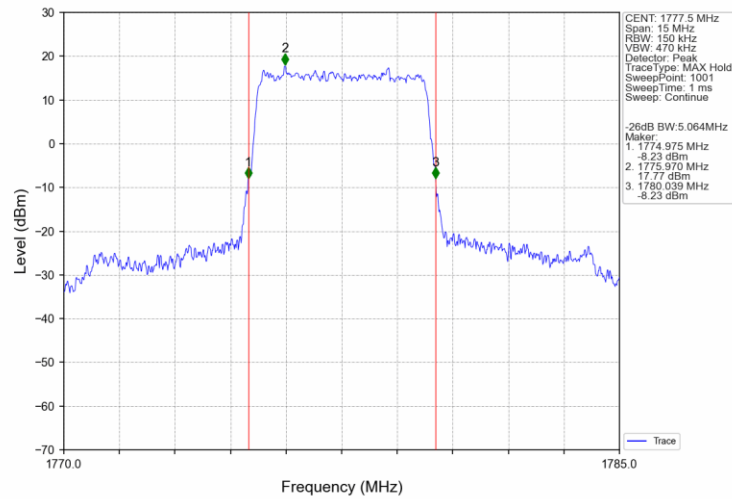
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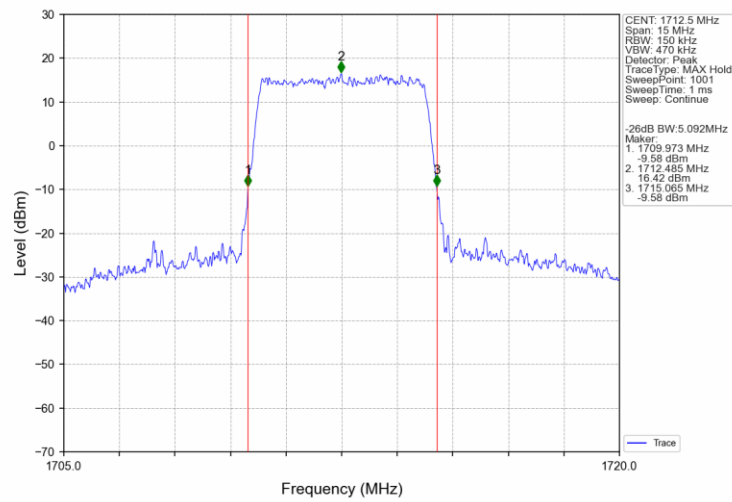
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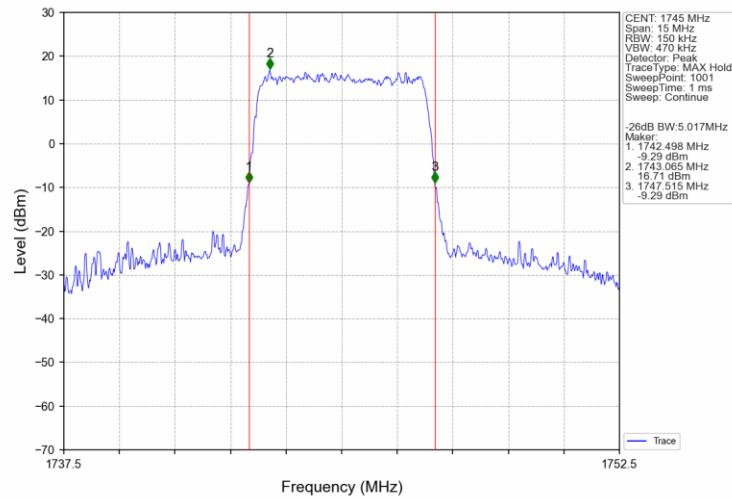
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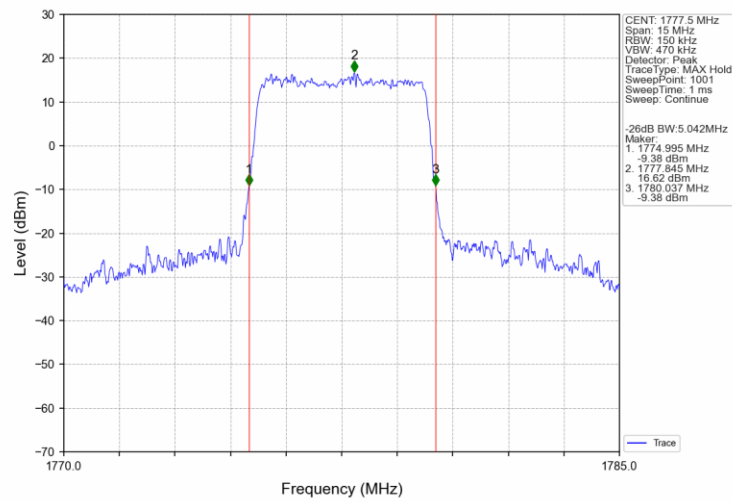
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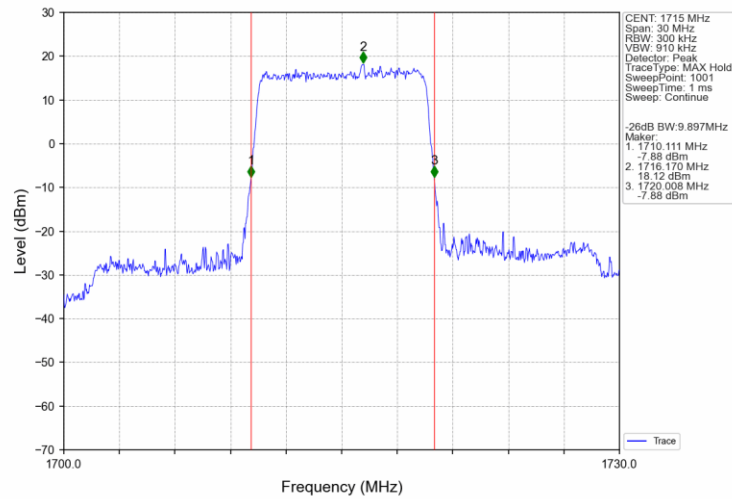
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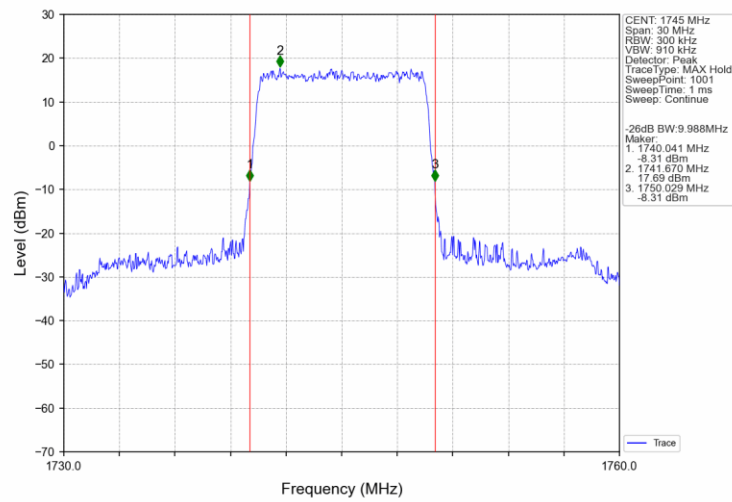
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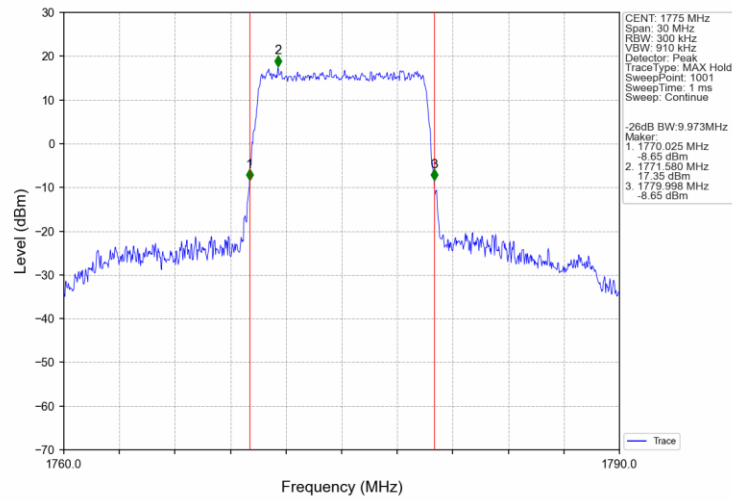
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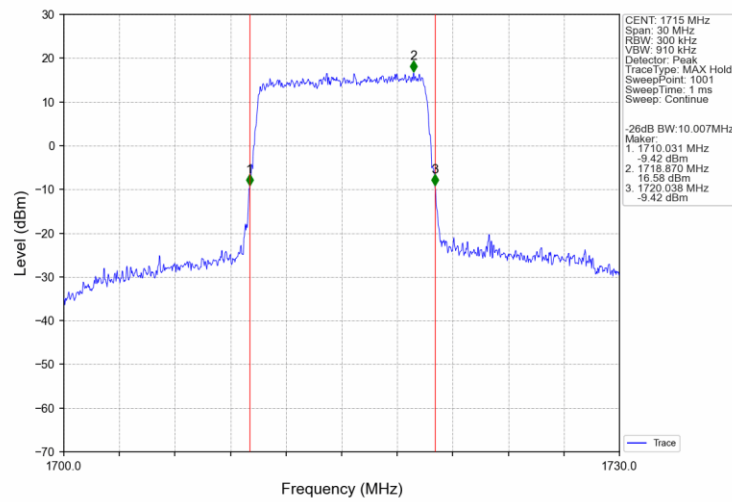
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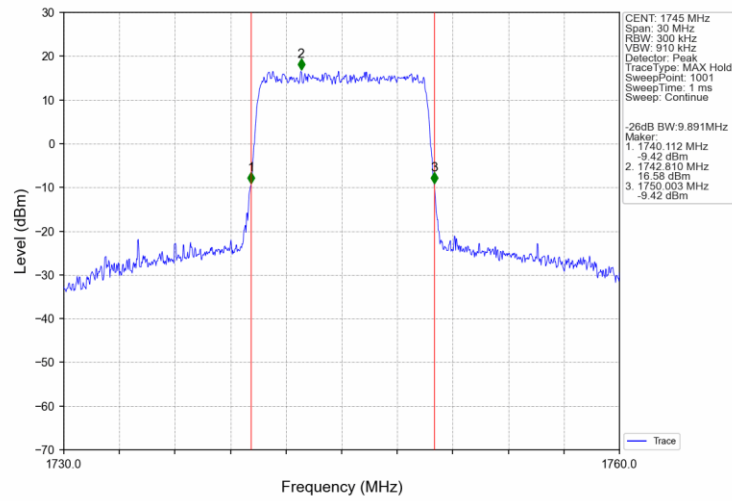
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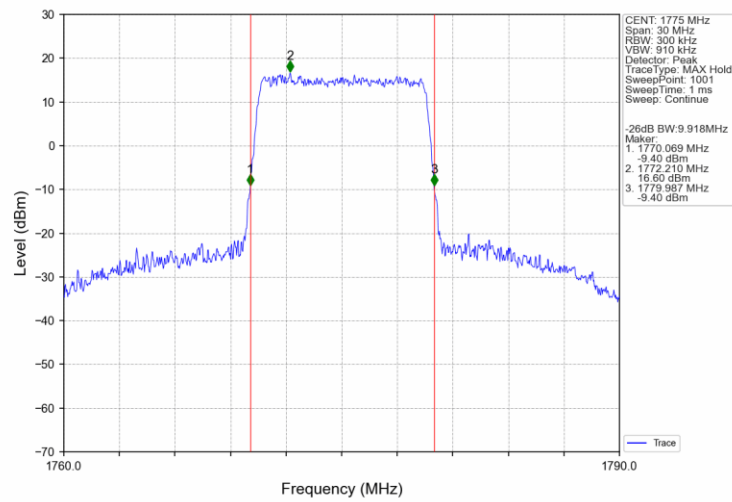
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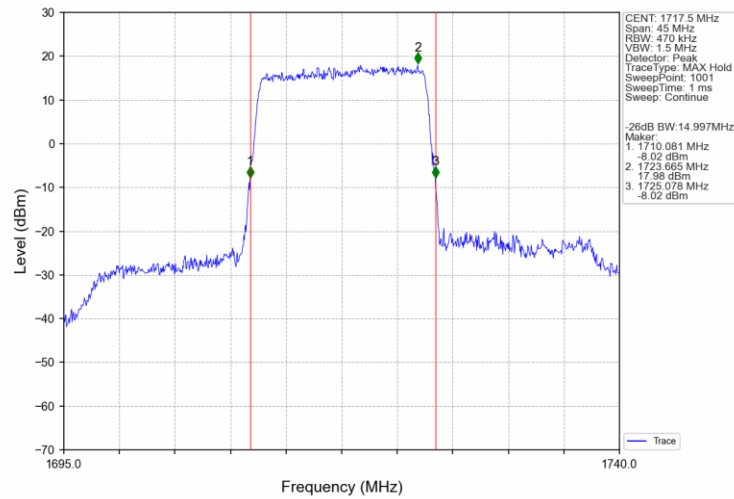
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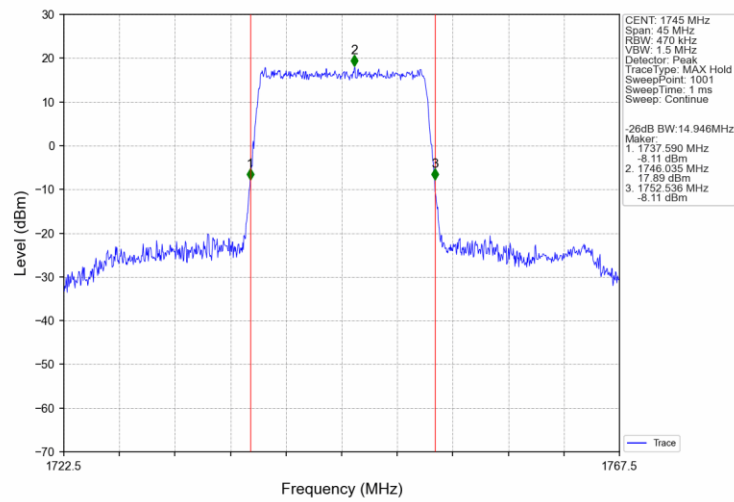
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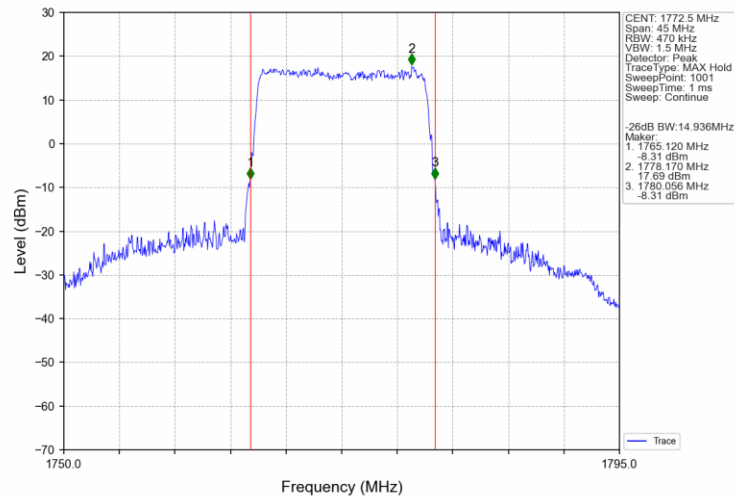
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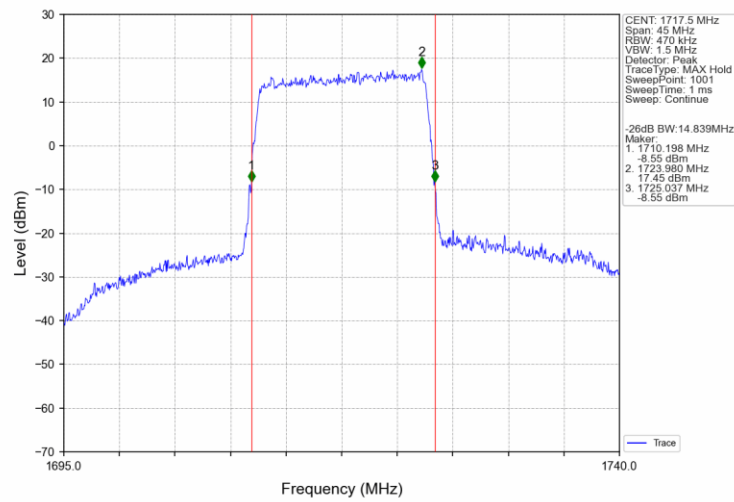
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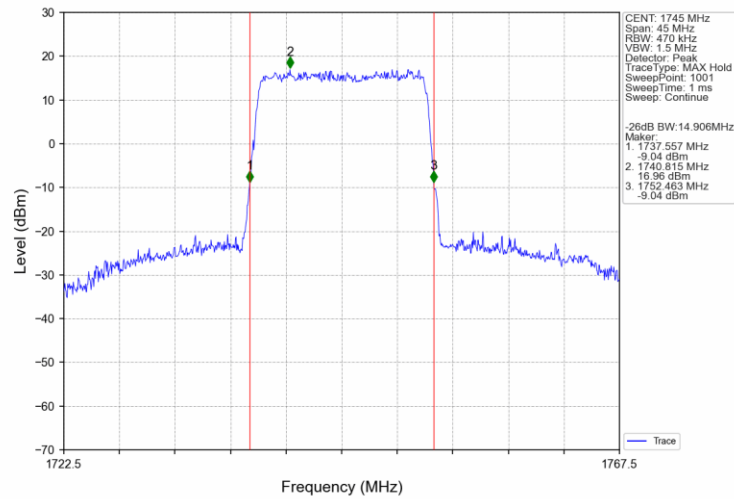
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Band66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTN



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



Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV

