

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	22.09	-2.55	19.54	<=30	Pass
			2	22.23	-2.55	19.68	<=30	Pass
			5	22.07	-2.55	19.52	<=30	Pass
		3	0	22.28	-2.55	19.73	<=30	Pass
			2	22.19	-2.55	19.64	<=30	Pass
			3	22.24	-2.55	19.69	<=30	Pass
		6	0	21.27	-2.55	18.72	<=30	Pass
	1745	1	0	21.58	-2.55	19.03	<=30	Pass
			2	21.62	-2.55	19.07	<=30	Pass
			5	21.25	-2.55	18.70	<=30	Pass
		3	0	21.34	-2.55	18.79	<=30	Pass
			2	21.24	-2.55	18.69	<=30	Pass
			3	21.30	-2.55	18.75	<=30	Pass
		6	0	20.33	-2.55	17.78	<=30	Pass
	1779.3	1	0	21.85	-2.55	19.30	<=30	Pass
			2	21.55	-2.55	19.00	<=30	Pass
			5	21.35	-2.55	18.80	<=30	Pass
		3	0	21.47	-2.55	18.92	<=30	Pass
			2	21.38	-2.55	18.83	<=30	Pass
			3	21.46	-2.55	18.91	<=30	Pass
		6	0	20.46	-2.55	17.91	<=30	Pass
16QAM	1710.7	1	0	21.10	-2.55	18.55	<=30	Pass
			2	21.22	-2.55	18.67	<=30	Pass
			5	21.07	-2.55	18.52	<=30	Pass
		3	0	21.23	-2.55	18.68	<=30	Pass
			2	21.09	-2.55	18.54	<=30	Pass
			3	20.94	-2.55	18.39	<=30	Pass
		6	0	20.00	-2.55	17.45	<=30	Pass
	1745	1	0	20.56	-2.55	18.01	<=30	Pass
			2	20.79	-2.55	18.24	<=30	Pass
			5	20.66	-2.55	18.11	<=30	Pass
		3	0	20.57	-2.55	18.02	<=30	Pass
			2	20.58	-2.55	18.03	<=30	Pass
			3	20.60	-2.55	18.05	<=30	Pass
		6	0	19.61	-2.55	17.06	<=30	Pass
	1779.3	1	0	20.21	-2.55	17.66	<=30	Pass
			2	20.38	-2.55	17.83	<=30	Pass
			5	20.29	-2.55	17.74	<=30	Pass
		3	0	20.28	-2.55	17.73	<=30	Pass
			2	20.23	-2.55	17.68	<=30	Pass
			3	20.33	-2.55	17.78	<=30	Pass
		6	0	19.50	-2.55	16.95	<=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	22.09	-2.55	19.54	<=30	Pass
			7	22.14	-2.55	19.59	<=30	Pass
			14	22.03	-2.55	19.48	<=30	Pass
		8	0	21.14	-2.55	18.59	<=30	Pass
			4	21.17	-2.55	18.62	<=30	Pass
			7	20.95	-2.55	18.40	<=30	Pass
		15	0	20.94	-2.55	18.39	<=30	Pass
	1745	1	0	21.24	-2.55	18.69	<=30	Pass
			7	21.27	-2.55	18.72	<=30	Pass
			14	21.08	-2.55	18.53	<=30	Pass
		8	0	20.17	-2.55	17.62	<=30	Pass
			4	20.28	-2.55	17.73	<=30	Pass
			7	20.16	-2.55	17.61	<=30	Pass
		15	0	20.32	-2.55	17.77	<=30	Pass
	1778.5	1	0	21.58	-2.55	19.03	<=30	Pass
			7	21.49	-2.55	18.94	<=30	Pass
			14	21.28	-2.55	18.73	<=30	Pass
		8	0	20.33	-2.55	17.78	<=30	Pass
			4	20.42	-2.55	17.87	<=30	Pass
			7	20.40	-2.55	17.85	<=30	Pass
		15	0	20.42	-2.55	17.87	<=30	Pass
16QAM	1711.5	1	0	20.50	-2.55	17.95	<=30	Pass
			7	20.53	-2.55	17.98	<=30	Pass
			14	20.36	-2.55	17.81	<=30	Pass
		8	0	19.68	-2.55	17.13	<=30	Pass
			4	19.69	-2.55	17.14	<=30	Pass
			7	19.71	-2.55	17.16	<=30	Pass
		15	0	19.78	-2.55	17.23	<=30	Pass
	1745	1	0	20.01	-2.55	17.46	<=30	Pass
			7	20.07	-2.55	17.52	<=30	Pass
			14	20.04	-2.55	17.49	<=30	Pass
		8	0	19.31	-2.55	16.76	<=30	Pass
			4	19.44	-2.55	16.89	<=30	Pass
			7	19.45	-2.55	16.90	<=30	Pass
		15	0	19.42	-2.55	16.87	<=30	Pass
	1778.5	1	0	20.55	-2.55	18.00	<=30	Pass
			7	20.67	-2.55	18.12	<=30	Pass
			14	20.58	-2.55	18.03	<=30	Pass
		8	0	19.42	-2.55	16.87	<=30	Pass
			4	19.53	-2.55	16.98	<=30	Pass
			7	19.48	-2.55	16.93	<=30	Pass
		15	0	19.55	-2.55	17.00	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.22	-2.55	19.67	<=30	Pass
			13	22.30	-2.55	19.75	<=30	Pass
			24	22.10	-2.55	19.55	<=30	Pass
		12	0	21.24	-2.55	18.69	<=30	Pass
			6	21.25	-2.55	18.70	<=30	Pass

16QAM	1745	25	13	21.11	-2.55	18.56	<=30	Pass
			0	20.96	-2.55	18.41	<=30	Pass
			0	21.62	-2.55	19.07	<=30	Pass
		1	13	21.43	-2.55	18.88	<=30	Pass
			24	21.29	-2.55	18.74	<=30	Pass
			0	20.27	-2.55	17.72	<=30	Pass
		12	6	20.34	-2.55	17.79	<=30	Pass
			13	20.39	-2.55	17.84	<=30	Pass
			0	20.33	-2.55	17.78	<=30	Pass
		25	0	20.44	-2.55	17.89	<=30	Pass
	1777.5	1	0	21.84	-2.55	19.29	<=30	Pass
			13	21.62	-2.55	19.07	<=30	Pass
			24	21.45	-2.55	18.90	<=30	Pass
		12	0	20.46	-2.55	17.91	<=30	Pass
			6	20.46	-2.55	17.91	<=30	Pass
			13	20.36	-2.55	17.81	<=30	Pass
		25	0	20.44	-2.55	17.89	<=30	Pass
			0	21.25	-2.55	18.70	<=30	Pass
			13	21.21	-2.55	18.66	<=30	Pass
			24	20.98	-2.55	18.43	<=30	Pass
16QAM	1712.5	1	0	19.80	-2.55	17.25	<=30	Pass
			6	19.83	-2.55	17.28	<=30	Pass
			13	19.79	-2.55	17.24	<=30	Pass
		12	0	19.91	-2.55	17.36	<=30	Pass
			0	20.47	-2.55	17.92	<=30	Pass
			13	20.75	-2.55	18.20	<=30	Pass
		25	24	20.45	-2.55	17.90	<=30	Pass
			0	19.39	-2.55	16.84	<=30	Pass
			6	19.63	-2.55	17.08	<=30	Pass
			13	19.72	-2.55	17.17	<=30	Pass
	1745	1	0	19.74	-2.55	17.19	<=30	Pass
			0	20.28	-2.55	17.73	<=30	Pass
			13	20.48	-2.55	17.93	<=30	Pass
		12	24	20.40	-2.55	17.85	<=30	Pass
			0	19.50	-2.55	16.95	<=30	Pass
			6	19.54	-2.55	16.99	<=30	Pass
		25	13	19.49	-2.55	16.94	<=30	Pass
			0	19.58	-2.55	17.03	<=30	Pass
			0	19.58	-2.55	17.03	<=30	Pass
			0	19.58	-2.55	17.03	<=30	Pass
			0	19.58	-2.55	17.03	<=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	22.41	-2.55	19.86	<=30	Pass
			25	22.28	-2.55	19.73	<=30	Pass
			49	22.24	-2.55	19.69	<=30	Pass
		25	0	21.13	-2.55	18.58	<=30	Pass
			13	21.13	-2.55	18.58	<=30	Pass
			25	20.92	-2.55	18.37	<=30	Pass
		50	0	20.74	-2.55	18.19	<=30	Pass
	1745	1	0	21.52	-2.55	18.97	<=30	Pass
			25	21.29	-2.55	18.74	<=30	Pass
			49	21.29	-2.55	18.74	<=30	Pass
		25	0	20.22	-2.55	17.67	<=30	Pass
			13	20.31	-2.55	17.76	<=30	Pass
			25	20.28	-2.55	17.73	<=30	Pass
		25	0	20.28	-2.55	17.73	<=30	Pass
			0	20.28	-2.55	17.73	<=30	Pass
			0	20.28	-2.55	17.73	<=30	Pass

16QAM	1775	50	0	20.27	-2.55	17.72	<=30	Pass
			0	21.92	-2.55	19.37	<=30	Pass
			25	21.58	-2.55	19.03	<=30	Pass
			49	21.58	-2.55	19.03	<=30	Pass
		25	0	20.38	-2.55	17.83	<=30	Pass
			13	20.41	-2.55	17.86	<=30	Pass
			25	20.34	-2.55	17.79	<=30	Pass
		50	0	20.36	-2.55	17.81	<=30	Pass
	1715	1	0	20.75	-2.55	18.20	<=30	Pass
			25	20.66	-2.55	18.11	<=30	Pass
			49	20.63	-2.55	18.08	<=30	Pass
		25	0	19.80	-2.55	17.25	<=30	Pass
			13	19.80	-2.55	17.25	<=30	Pass
			25	19.83	-2.55	17.28	<=30	Pass
		50	0	19.78	-2.55	17.23	<=30	Pass
	1745	1	0	20.32	-2.55	17.77	<=30	Pass
			25	20.31	-2.55	17.76	<=30	Pass
			49	20.35	-2.55	17.80	<=30	Pass
		25	0	19.29	-2.55	16.74	<=30	Pass
			13	19.55	-2.55	17.00	<=30	Pass
			25	19.60	-2.55	17.05	<=30	Pass
		50	0	19.60	-2.55	17.05	<=30	Pass
	1775	1	0	20.74	-2.55	18.19	<=30	Pass
			25	20.82	-2.55	18.27	<=30	Pass
			49	20.93	-2.55	18.38	<=30	Pass
		25	0	19.45	-2.55	16.90	<=30	Pass
			13	19.52	-2.55	16.97	<=30	Pass
			25	19.42	-2.55	16.87	<=30	Pass
		50	0	19.43	-2.55	16.88	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.32	-2.55	19.77	<=30	Pass
			38	22.31	-2.55	19.76	<=30	Pass
			74	22.05	-2.55	19.50	<=30	Pass
		36	0	21.20	-2.55	18.65	<=30	Pass
			18	20.96	-2.55	18.41	<=30	Pass
			39	20.76	-2.55	18.21	<=30	Pass
		75	0	20.79	-2.55	18.24	<=30	Pass
	1745	1	0	21.28	-2.55	18.73	<=30	Pass
			38	21.38	-2.55	18.83	<=30	Pass
			74	21.28	-2.55	18.73	<=30	Pass
		36	0	20.27	-2.55	17.72	<=30	Pass
			18	20.37	-2.55	17.82	<=30	Pass
			39	20.38	-2.55	17.83	<=30	Pass
		75	0	20.34	-2.55	17.79	<=30	Pass
	1772.5	1	0	21.70	-2.55	19.15	<=30	Pass
			38	21.58	-2.55	19.03	<=30	Pass
			74	21.47	-2.55	18.92	<=30	Pass
		36	0	20.39	-2.55	17.84	<=30	Pass
			18	20.38	-2.55	17.83	<=30	Pass
			39	20.34	-2.55	17.79	<=30	Pass
		75	0	20.42	-2.55	17.87	<=30	Pass

16QAM	1717.5	1	0	20.71	-2.55	18.16	<=30	Pass
			38	20.71	-2.55	18.16	<=30	Pass
			74	20.47	-2.55	17.92	<=30	Pass
		36	0	19.78	-2.55	17.23	<=30	Pass
			18	19.71	-2.55	17.16	<=30	Pass
			39	19.65	-2.55	17.10	<=30	Pass
		75	0	19.73	-2.55	17.18	<=30	Pass
			0	20.30	-2.55	17.75	<=30	Pass
			38	20.41	-2.55	17.86	<=30	Pass
	1745	1	74	20.32	-2.55	17.77	<=30	Pass
			0	19.22	-2.55	16.67	<=30	Pass
			18	19.60	-2.55	17.05	<=30	Pass
		36	39	19.55	-2.55	17.00	<=30	Pass
			0	19.77	-2.55	17.22	<=30	Pass
			0	20.19	-2.55	17.64	<=30	Pass
		1	38	20.40	-2.55	17.85	<=30	Pass
			74	20.43	-2.55	17.88	<=30	Pass
			0	19.38	-2.55	16.83	<=30	Pass
	1772.5	36	18	19.45	-2.55	16.90	<=30	Pass
			39	19.39	-2.55	16.84	<=30	Pass
			0	19.43	-2.55	16.88	<=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	22.14	-2.55	19.59	<=30	Pass
			50	22.16	-2.55	19.61	<=30	Pass
			99	21.87	-2.55	19.32	<=30	Pass
		50	0	21.19	-2.55	18.64	<=30	Pass
			25	21.15	-2.55	18.60	<=30	Pass
			50	21.04	-2.55	18.49	<=30	Pass
		100	0	21.14	-2.55	18.59	<=30	Pass
			0	21.67	-2.55	19.12	<=30	Pass
			50	21.70	-2.55	19.15	<=30	Pass
	1745	1	99	21.34	-2.55	18.79	<=30	Pass
			0	20.30	-2.55	17.75	<=30	Pass
			25	20.45	-2.55	17.90	<=30	Pass
		50	50	20.53	-2.55	17.98	<=30	Pass
			0	20.41	-2.55	17.86	<=30	Pass
			0	21.72	-2.55	19.17	<=30	Pass
		1	50	21.86	-2.55	19.31	<=30	Pass
			99	21.54	-2.55	18.99	<=30	Pass
			0	20.31	-2.55	17.76	<=30	Pass
	1770	50	25	20.44	-2.55	17.89	<=30	Pass
			50	20.34	-2.55	17.79	<=30	Pass
			0	20.29	-2.55	17.74	<=30	Pass
16QAM	1720	1	0	21.56	-2.55	19.01	<=30	Pass
			50	21.57	-2.55	19.02	<=30	Pass
			99	21.24	-2.55	18.69	<=30	Pass
		50	0	20.06	-2.55	17.51	<=30	Pass
			25	20.12	-2.55	17.57	<=30	Pass
			50	19.97	-2.55	17.42	<=30	Pass
		100	0	19.92	-2.55	17.37	<=30	Pass
			0	20.44	-2.55	17.89	<=30	Pass
			0	20.44	-2.55	17.89	<=30	Pass

		50	50	20.42	-2.55	17.87	<=30	Pass
			99	20.36	-2.55	17.81	<=30	Pass
			0	19.50	-2.55	16.95	<=30	Pass
			25	19.62	-2.55	17.07	<=30	Pass
			50	19.70	-2.55	17.15	<=30	Pass
	1770	100	0	19.75	-2.55	17.20	<=30	Pass
			0	20.03	-2.55	17.48	<=30	Pass
		1	50	20.32	-2.55	17.77	<=30	Pass
			99	20.27	-2.55	17.72	<=30	Pass
			0	19.35	-2.55	16.80	<=30	Pass
		50	25	19.48	-2.55	16.93	<=30	Pass
			50	19.51	-2.55	16.96	<=30	Pass
			0	19.40	-2.55	16.85	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-3.920	-0.0023	-2.5 to 2.5	Pass
					3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
					4.43	1.674	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-7.396	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	4.406	0.0026	-2.5 to 2.5	Pass
				-10	3.85	4.549	0.0027	-2.5 to 2.5	Pass
				0	3.85	7.982	0.0047	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0057	-2.5 to 2.5	Pass
				30	3.85	2.904	0.0017	-2.5 to 2.5	Pass
				40	3.85	7.925	0.0046	-2.5 to 2.5	Pass
				50	3.85	3.963	0.0023	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	2.160	0.0012	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
					4.43	1.545	0.0009	-2.5 to 2.5	Pass
				-30	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				-20	3.85	4.263	0.0024	-2.5 to 2.5	Pass
				-10	3.85	6.781	0.0039	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				10	3.85	4.077	0.0023	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				50	3.85	5.250	0.0030	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-6.852	-0.0039	-2.5 to 2.5	Pass
					3.85	-12.045	-0.0068	-2.5 to 2.5	Pass
					4.43	-14.591	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0034	-2.5 to 2.5	Pass
				0	3.85	11.330	0.0064	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	-8.941	-0.0050	-2.5 to 2.5	Pass
				40	3.85	9.656	0.0054	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	50	3.85	4.663	0.0026	-2.5 to 2.5	Pass
				20	3.27	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	8.597	0.0050	-2.5 to 2.5	Pass
					4.43	-5.879	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-18.911	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-5.937	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-8.168	-0.0048	-2.5 to 2.5	Pass
				10	3.85	4.377	0.0026	-2.5 to 2.5	Pass
				30	3.85	-9.012	-0.0053	-2.5 to 2.5	Pass
	1745	6	0	40	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				50	3.85	7.968	0.0047	-2.5 to 2.5	Pass
				20	3.27	6.008	0.0034	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
					4.43	3.204	0.0018	-2.5 to 2.5	Pass
				-30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				0	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				10	3.85	8.440	0.0048	-2.5 to 2.5	Pass
	1779.3	6	0	30	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-9.069	-0.0052	-2.5 to 2.5	Pass
				20	3.27	2.203	0.0012	-2.5 to 2.5	Pass
					3.85	-9.971	-0.0056	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	4.635	0.0026	-2.5 to 2.5	Pass
				-10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-12.646	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-15.292	-0.0089	-2.5 to 2.5	Pass
					3.85	-11.888	-0.0069	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-10.128	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				30	3.85	6.509	0.0038	-2.5 to 2.5	Pass
				40	3.85	-7.310	-0.0043	-2.5 to 2.5	Pass
	1745	15	0	50	3.85	11.516	0.0067	-2.5 to 2.5	Pass
				20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	3.219	0.0018	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-10.715	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	0.815	0.0005	-2.5 to 2.5	Pass

				0	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				10	3.85	-11.215	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				40	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				50	3.85	4.077	0.0023	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-0.343	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
					4.43	1.774	0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0033	-2.5 to 2.5	Pass
				0	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-6.680	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-6.909	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-5.350	-0.0031	-2.5 to 2.5	Pass
					3.85	2.389	0.0014	-2.5 to 2.5	Pass
					4.43	2.532	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-9.642	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	6.366	0.0037	-2.5 to 2.5	Pass
				0	3.85	7.725	0.0045	-2.5 to 2.5	Pass
				10	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				30	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				50	3.85	10.500	0.0061	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-0.730	-0.0004	-2.5 to 2.5	Pass
					3.85	2.346	0.0013	-2.5 to 2.5	Pass
					4.43	5.822	0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	5.264	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				0	3.85	8.011	0.0046	-2.5 to 2.5	Pass
				10	3.85	3.834	0.0022	-2.5 to 2.5	Pass
				30	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-6.981	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-8.941	-0.0050	-2.5 to 2.5	Pass
					3.85	4.392	0.0025	-2.5 to 2.5	Pass
					4.43	7.625	0.0043	-2.5 to 2.5	Pass
				-30	3.85	5.178	0.0029	-2.5 to 2.5	Pass
				-20	3.85	7.539	0.0042	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				10	3.85	10.772	0.0061	-2.5 to 2.5	Pass
				30	3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-4.635	-0.0026	-2.5 to 2.5	Pass
				50	3.85	4.749	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	3.27	-8.883	-0.0052	-2.5 to 2.5	Pass
					3.85	0.544	0.0003	-2.5 to 2.5	Pass

					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	7.954	0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	2.918	0.0017	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
					4.43	-6.995	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-8.526	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.85	2.918	0.0017	-2.5 to 2.5	Pass
				10	3.85	2.632	0.0015	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				40	3.85	2.360	0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-3.347	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.388	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	5.608	0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				10	3.85	2.160	0.0012	-2.5 to 2.5	Pass
				30	3.85	3.104	0.0017	-2.5 to 2.5	Pass
				40	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	2.704	0.0016	-2.5 to 2.5	Pass
					3.85	3.791	0.0022	-2.5 to 2.5	Pass
					4.43	-9.112	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				10	3.85	5.164	0.0030	-2.5 to 2.5	Pass
				30	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
				40	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				50	3.85	6.409	0.0037	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	4.449	0.0025	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.778	0.0027	-2.5 to 2.5	Pass
				0	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	6.838	0.0039	-2.5 to 2.5	Pass
				50	3.85	2.060	0.0012	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-3.233	-0.0018	-2.5 to 2.5	Pass
					3.85	2.146	0.0012	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.104	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass

				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-8.969	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-1.988	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	0.772	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.888	0.0011	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	2.332	0.0013	-2.5 to 2.5	Pass
					3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.958	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				10	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				30	3.85	5.364	0.0031	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.189	0.0013	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-3.905	-0.0022	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
					4.43	0.458	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	5.450	0.0031	-2.5 to 2.5	Pass
				30	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	2.332	0.0014	-2.5 to 2.5	Pass
					3.85	4.420	0.0026	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.747	0.0016	-2.5 to 2.5	Pass
				0	3.85	3.748	0.0022	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				50	3.85	3.719	0.0022	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	3.877	0.0022	-2.5 to 2.5	Pass

					3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
					4.43	0.186	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	2.661	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				30	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				40	3.85	5.221	0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass
				10	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				30	3.85	-5.579	-0.0031	-2.5 to 2.5	Pass
				40	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-3.247	-0.0019	-2.5 to 2.5	Pass
					3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.004	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				40	3.85	2.489	0.0014	-2.5 to 2.5	Pass
	1745	75	0	20	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
					3.27	2.861	0.0016	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
					4.43	0.243	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.661	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.629	0.0004	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.072	0.0000	-2.5 to 2.5	Pass
					3.27	-6.351	-0.0036	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
					4.43	-1.988	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-6.251	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	30	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				20	3.27	-2.289	-0.0013	-2.5 to 2.5	Pass
					3.85	3.777	0.0022	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
	1745	75	0	0	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
				20	3.27	2.546	0.0015	-2.5 to 2.5	Pass
					3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.931	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
	1772.5	75	0	-20	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				20	3.27	-7.467	-0.0042	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-0.758	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				-20	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
				40	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.190	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.865	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.974	-0.0011	-2.5 to 2.5	Pass

				-20	3.85	2.332	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-2.089	-0.0012	-2.5 to 2.5	Pass
					3.85	-5.665	-0.0032	-2.5 to 2.5	Pass
					4.43	-1.831	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.762	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	0.916	0.0005	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				40	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.588	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.472	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-1.545	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				10	3.85	-9.212	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-3.304	-0.0019	-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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / 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

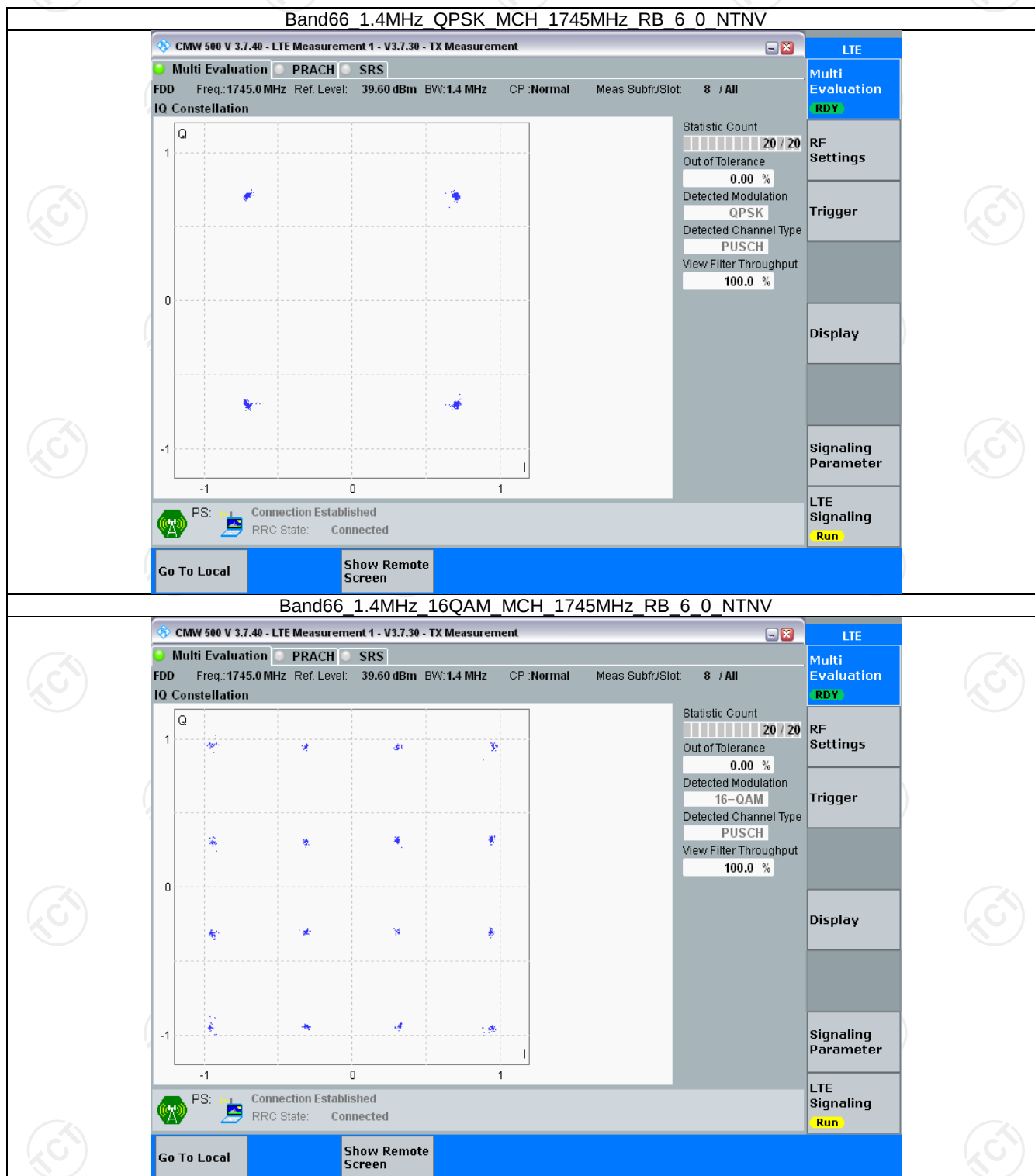
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

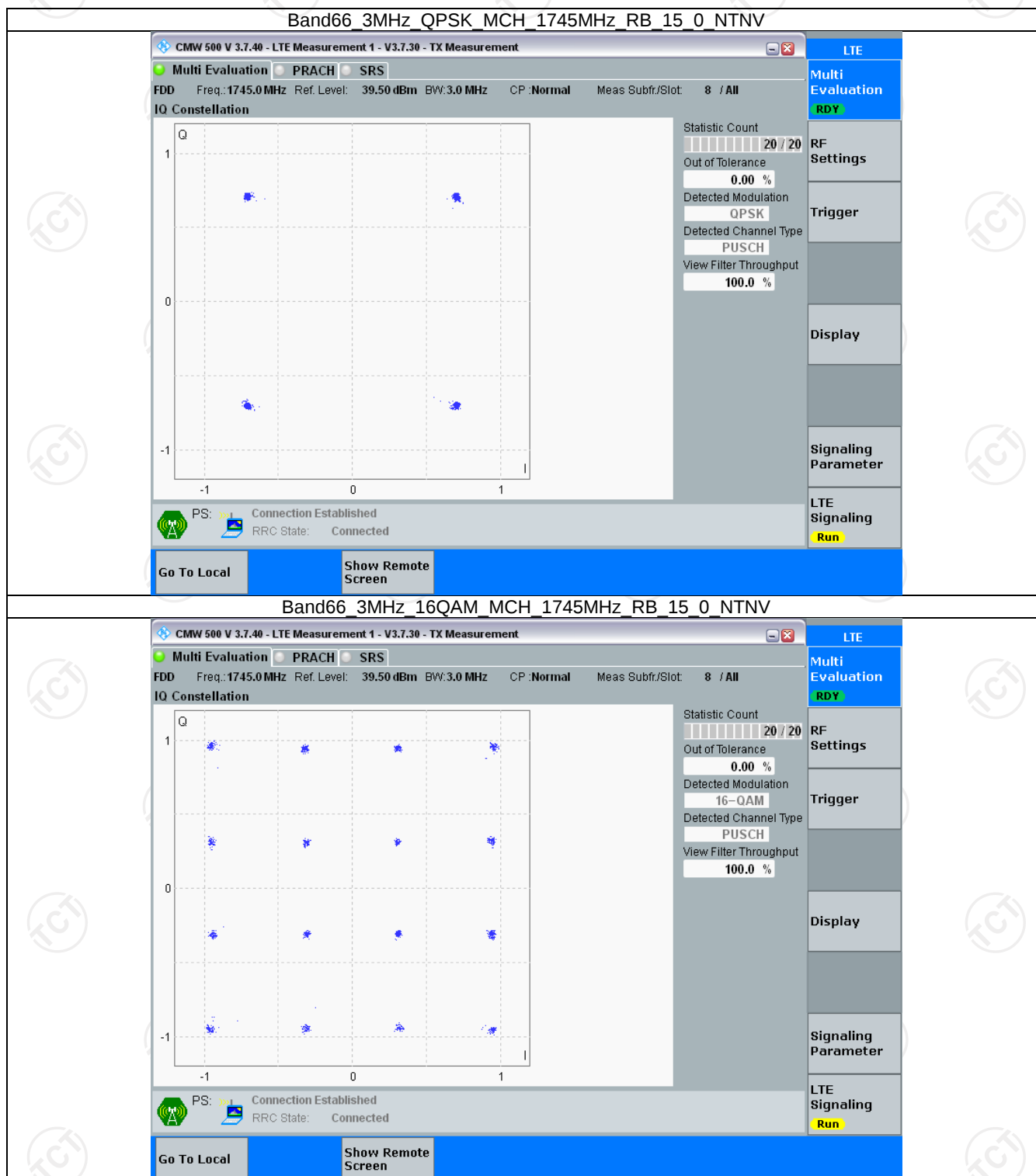
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

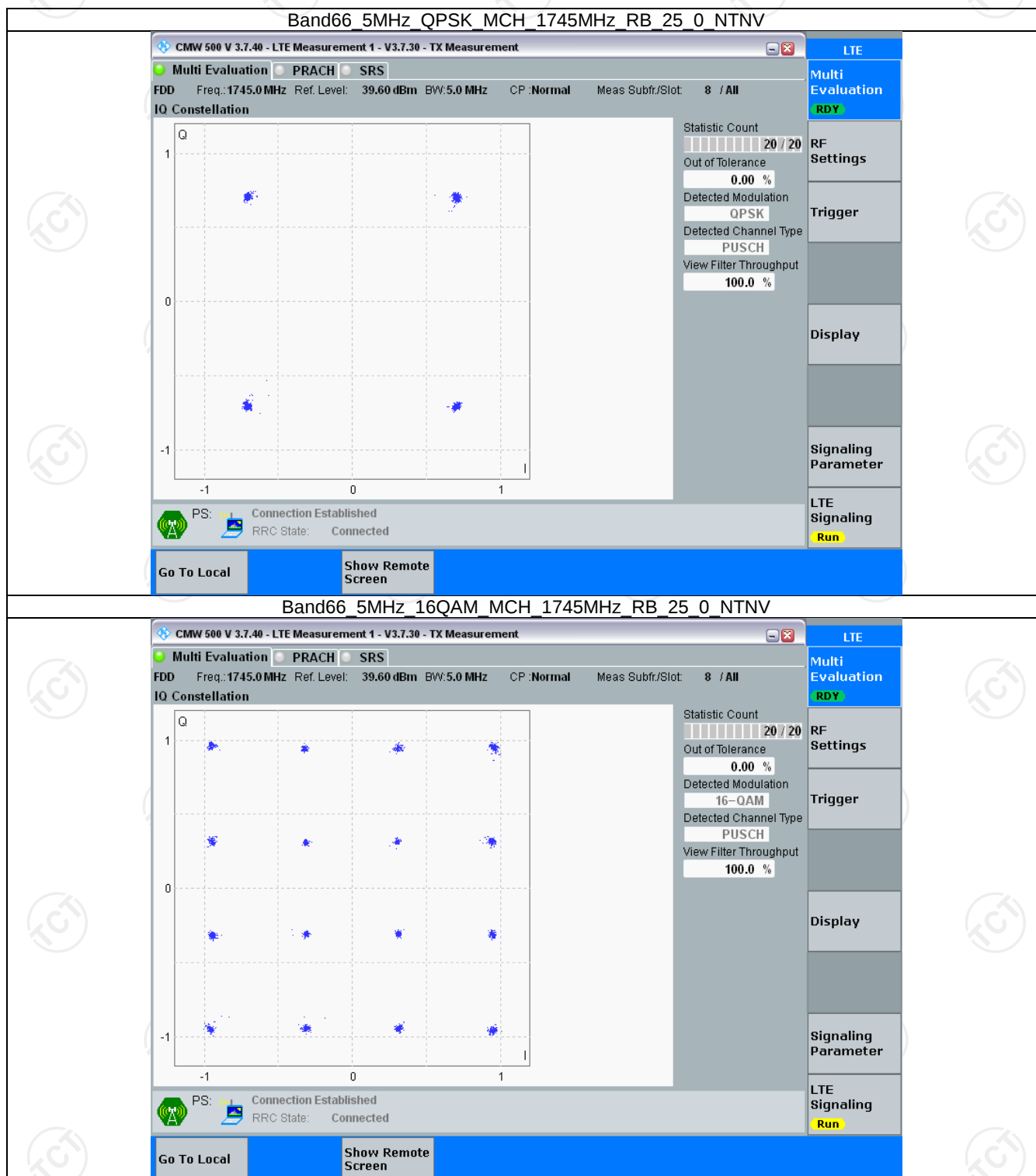
3.2.1 B66_1.4MHz



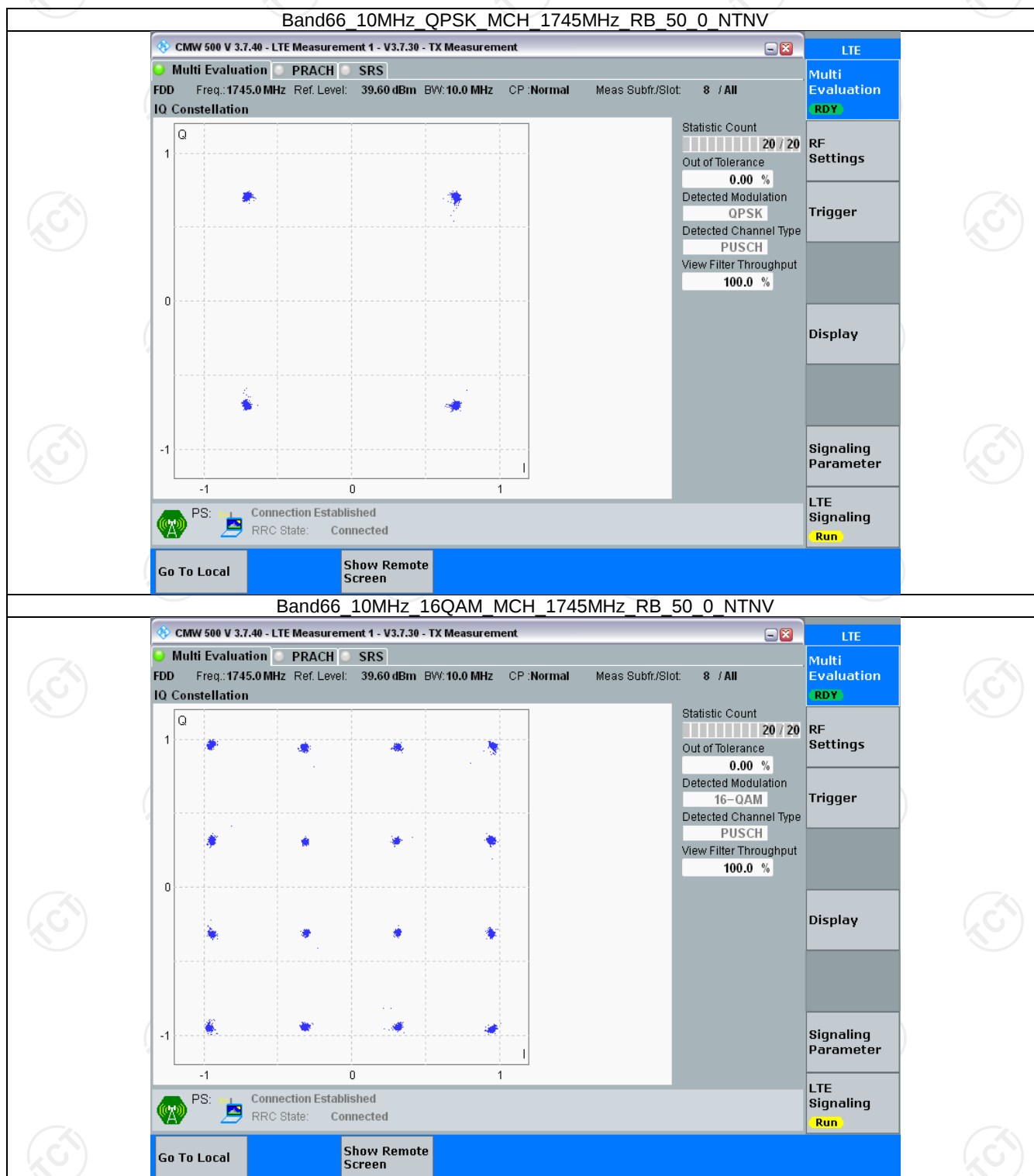
3.2.2 B66_3MHz



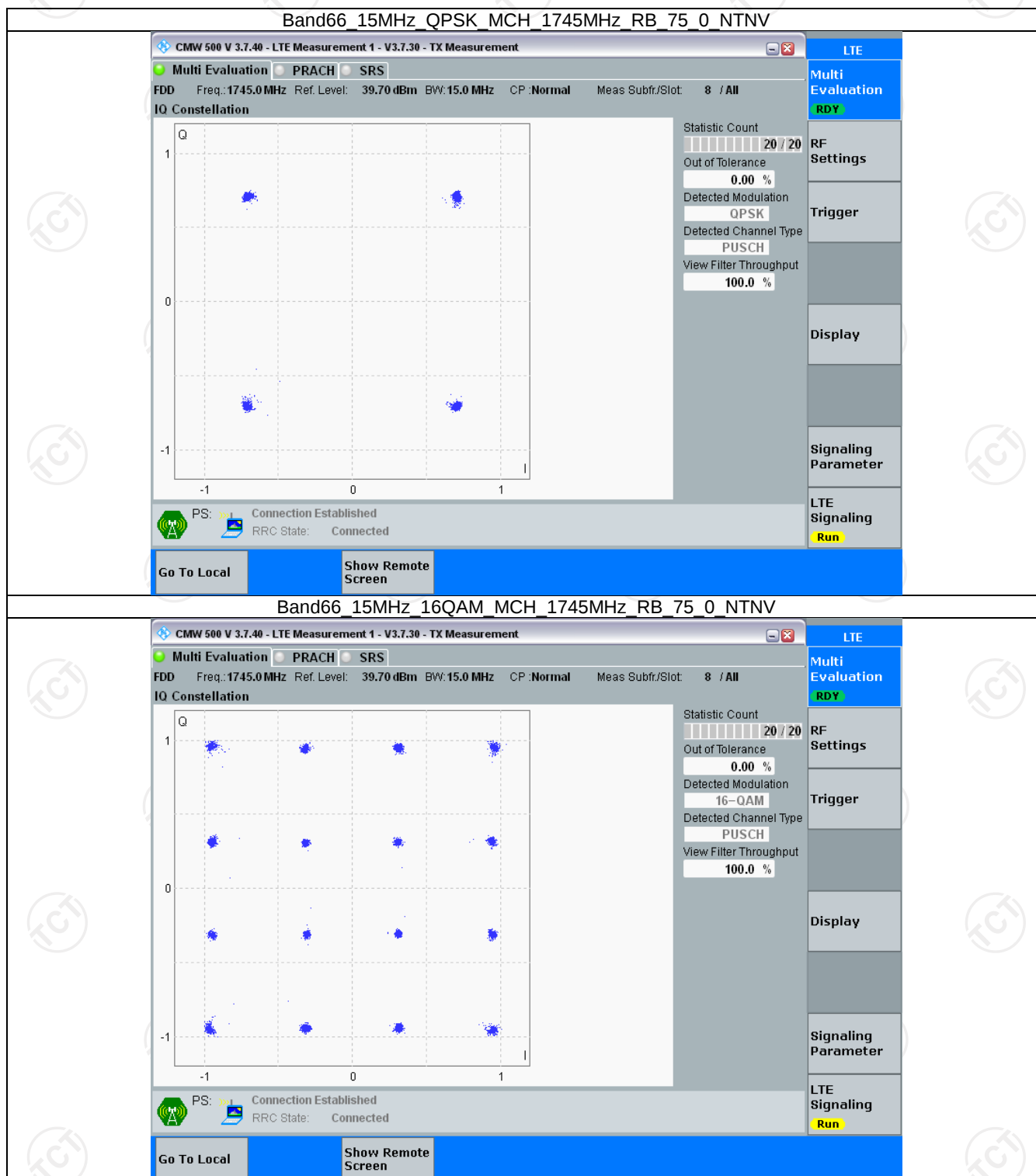
3.2.3 B66_5MHz



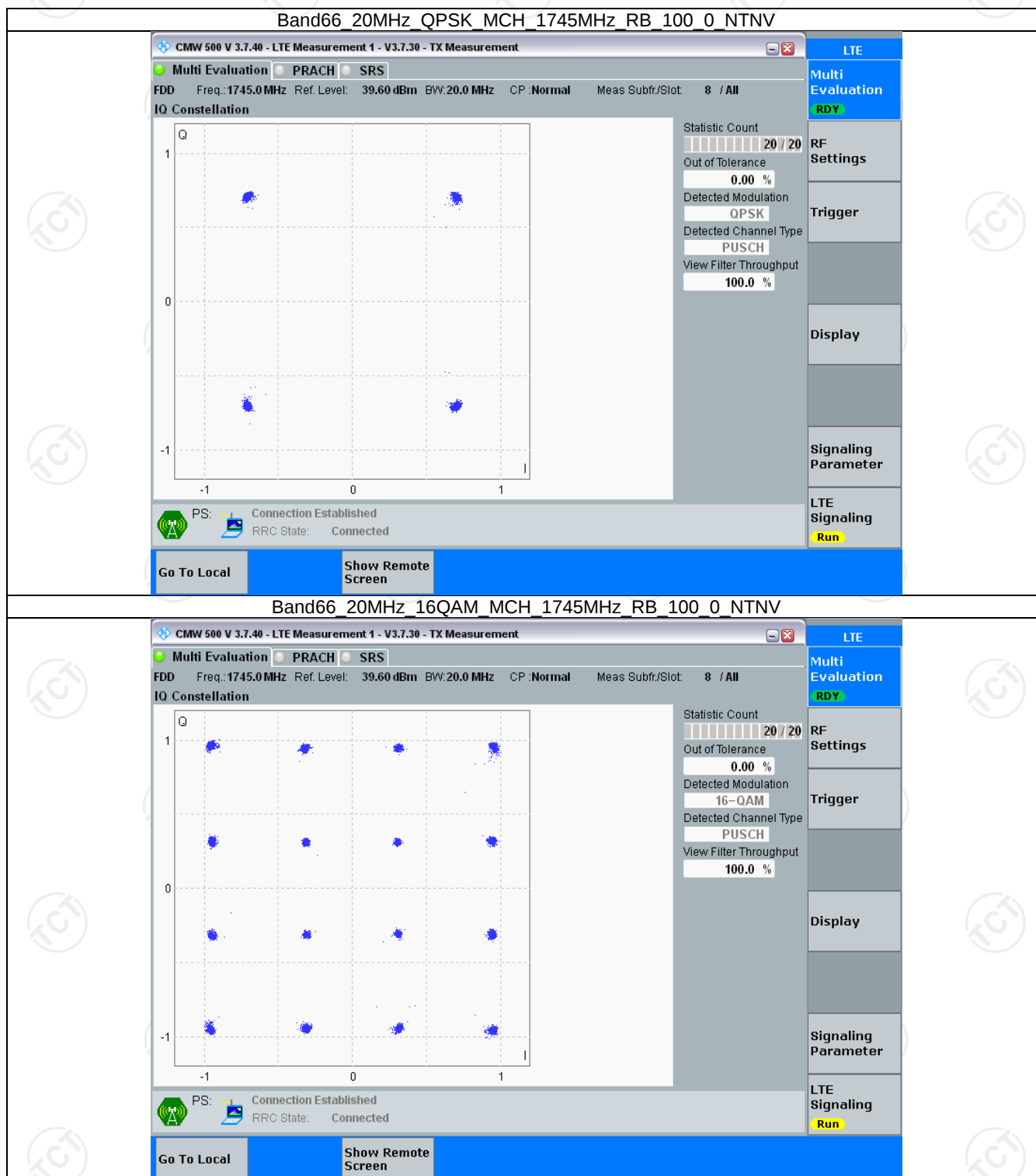
3.2.4 B66_10MHz



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	1.115	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.108	/	Pass
	16QAM	1710.7	6	0	1.112	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.117	/	Pass
3	QPSK	1711.5	15	0	2.725	/	Pass
		1745	15	0	2.725	/	Pass
		1778.5	15	0	2.722	/	Pass
	16QAM	1711.5	15	0	2.726	/	Pass
		1745	15	0	2.724	/	Pass
		1778.5	15	0	2.737	/	Pass
5	QPSK	1712.5	25	0	4.545	/	Pass
		1745	25	0	4.544	/	Pass
		1777.5	25	0	4.543	/	Pass
	16QAM	1712.5	25	0	4.567	/	Pass
		1745	25	0	4.563	/	Pass
		1777.5	25	0	4.536	/	Pass
10	QPSK	1715	50	0	9.043	/	Pass
		1745	50	0	9.035	/	Pass
		1775	50	0	9.064	/	Pass
	16QAM	1715	50	0	9.051	/	Pass
		1745	50	0	9.033	/	Pass
		1775	50	0	9.073	/	Pass
15	QPSK	1717.5	75	0	13.591	/	Pass
		1745	75	0	13.532	/	Pass
		1772.5	75	0	13.588	/	Pass
	16QAM	1717.5	75	0	13.598	/	Pass
		1745	75	0	13.562	/	Pass
		1772.5	75	0	13.538	/	Pass
20	QPSK	1720	100	0	18.094	/	Pass
		1745	100	0	18.021	/	Pass
		1770	100	0	18.107	/	Pass
	16QAM	1720	100	0	18.063	/	Pass
		1745	100	0	18.058	/	Pass
		1770	100	0	18.148	/	Pass

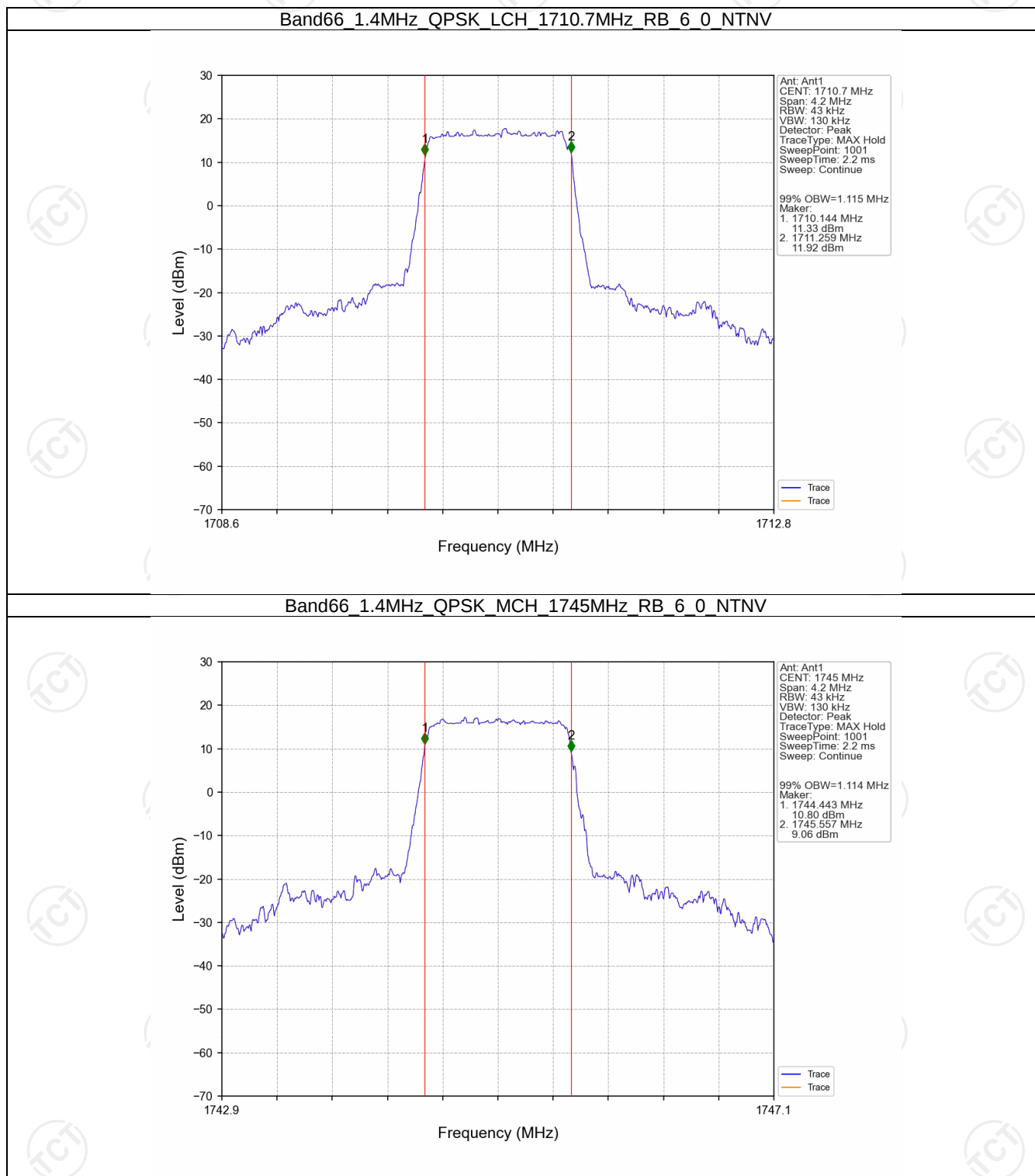
4.1.2 Band66_XDB

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	1.298	/	Pass
		1745	6	0	1.324	/	Pass

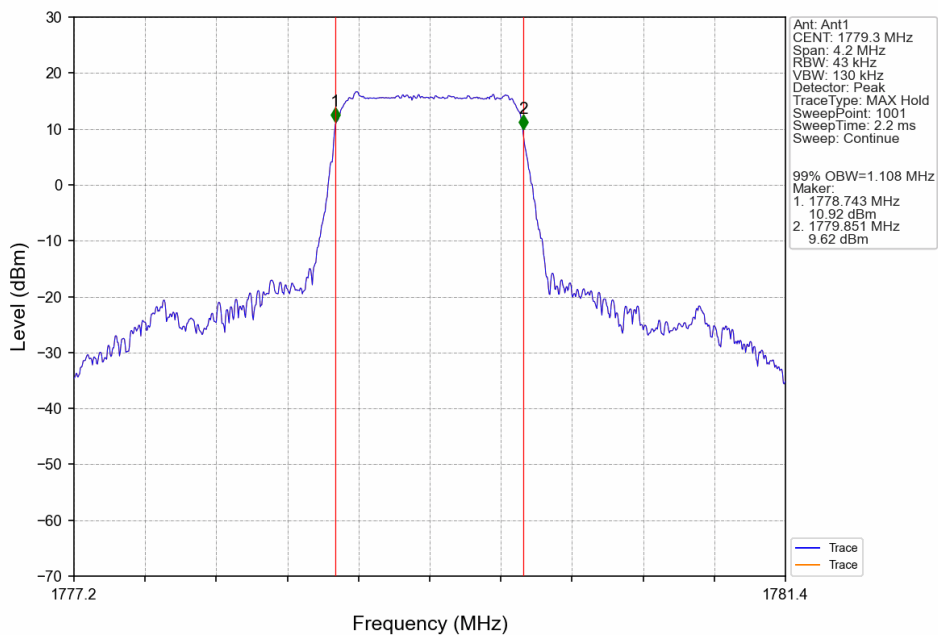
	16QAM	1779.3	6	0	1.301	/	Pass
		1710.7	6	0	1.304	/	Pass
		1745	6	0	1.304	/	Pass
		1779.3	6	0	1.304	/	Pass
3	QPSK	1711.5	15	0	3.028	/	Pass
		1745	15	0	3.038	/	Pass
		1778.5	15	0	3.052	/	Pass
	16QAM	1711.5	15	0	3.038	/	Pass
		1745	15	0	3.044	/	Pass
		1778.5	15	0	3.012	/	Pass
5	QPSK	1712.5	25	0	5.037	/	Pass
		1745	25	0	5.003	/	Pass
		1777.5	25	0	5.012	/	Pass
	16QAM	1712.5	25	0	5.004	/	Pass
		1745	25	0	5.005	/	Pass
		1777.5	25	0	4.974	/	Pass
10	QPSK	1715	50	0	9.893	/	Pass
		1745	50	0	9.904	/	Pass
		1775	50	0	9.953	/	Pass
	16QAM	1715	50	0	9.858	/	Pass
		1745	50	0	9.885	/	Pass
		1775	50	0	9.853	/	Pass
15	QPSK	1717.5	75	0	14.860	/	Pass
		1745	75	0	14.854	/	Pass
		1772.5	75	0	14.775	/	Pass
	16QAM	1717.5	75	0	14.839	/	Pass
		1745	75	0	14.838	/	Pass
		1772.5	75	0	14.860	/	Pass
20	QPSK	1720	100	0	19.725	/	Pass
		1745	100	0	19.591	/	Pass
		1770	100	0	19.588	/	Pass
	16QAM	1720	100	0	19.756	/	Pass
		1745	100	0	19.573	/	Pass
		1770	100	0	19.832	/	Pass

4.2 Test Graph

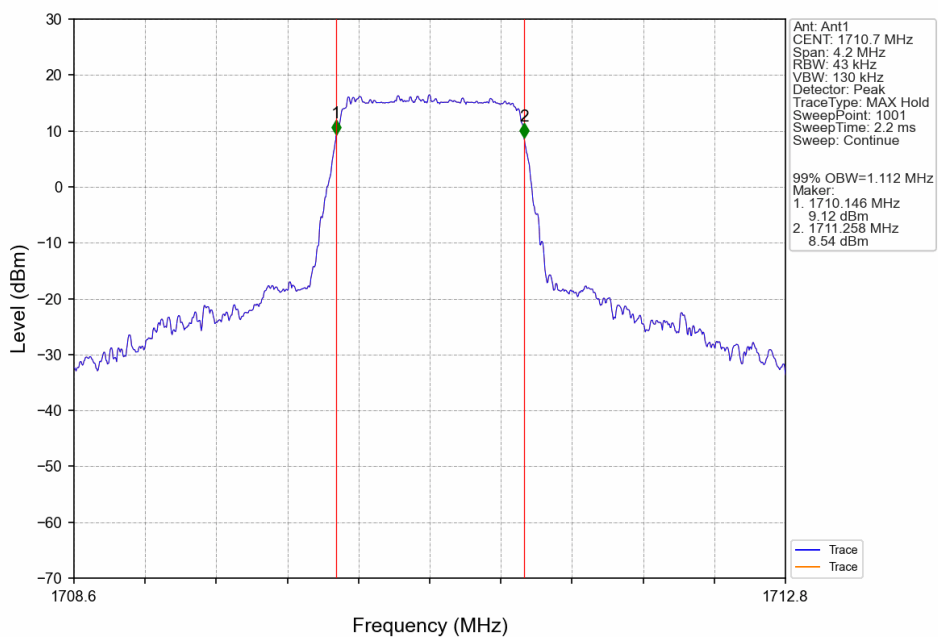
4.2.1 Band66_OBW



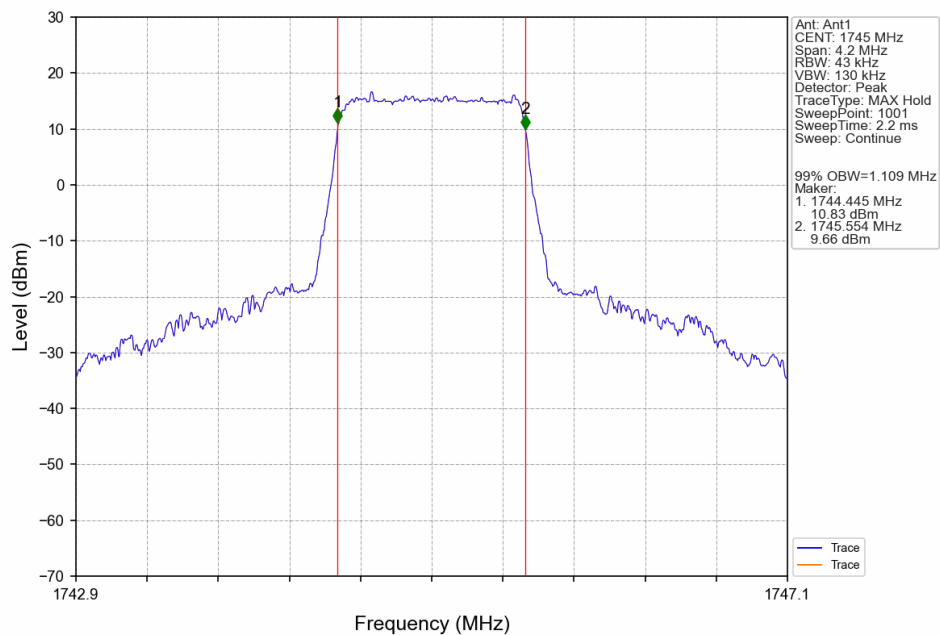
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



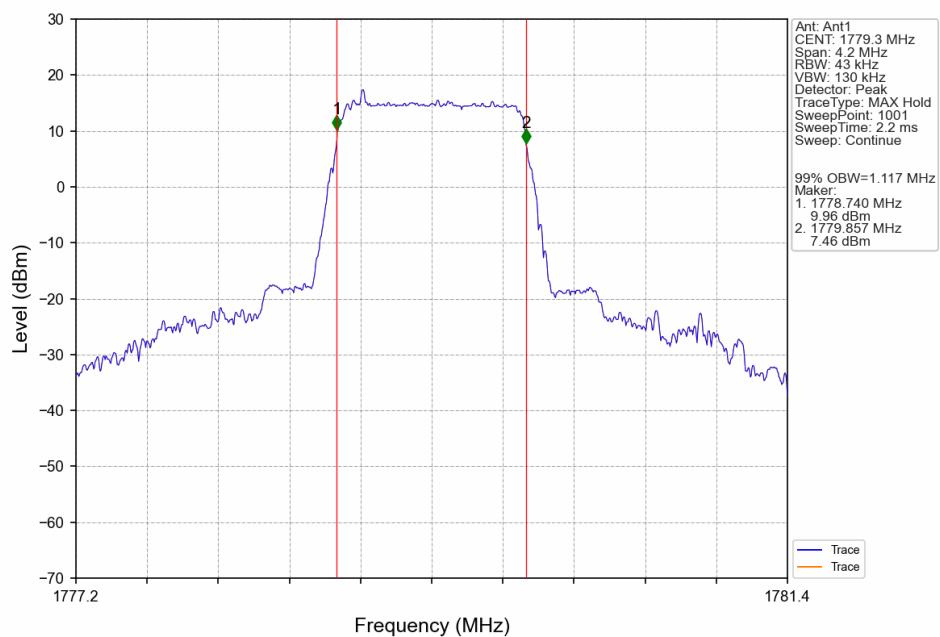
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



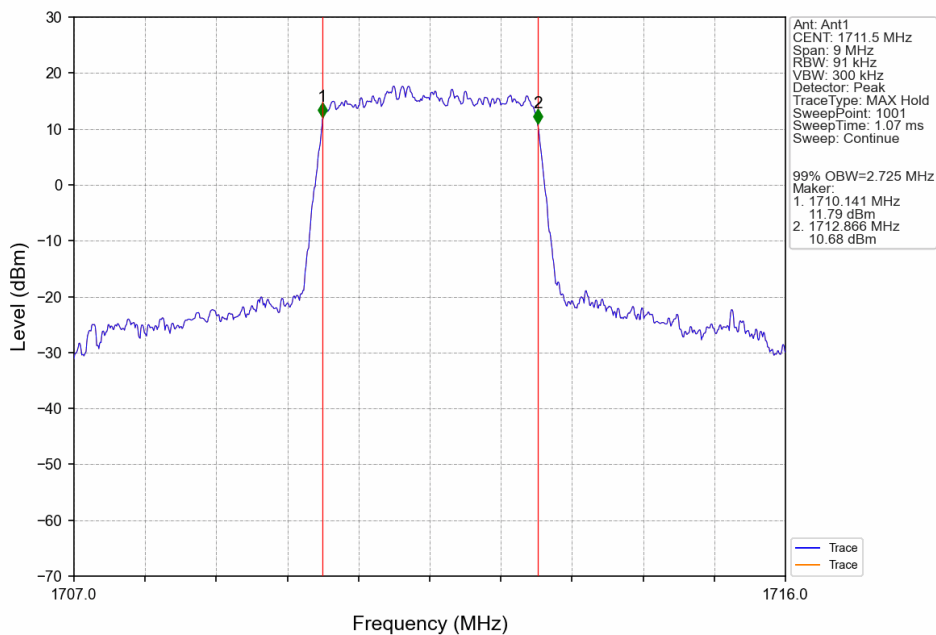
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



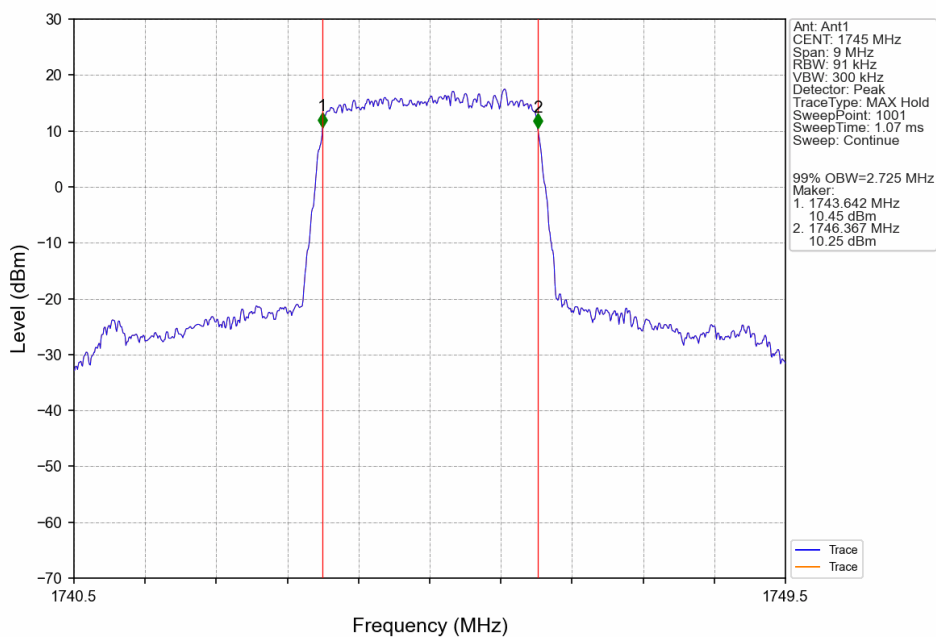
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



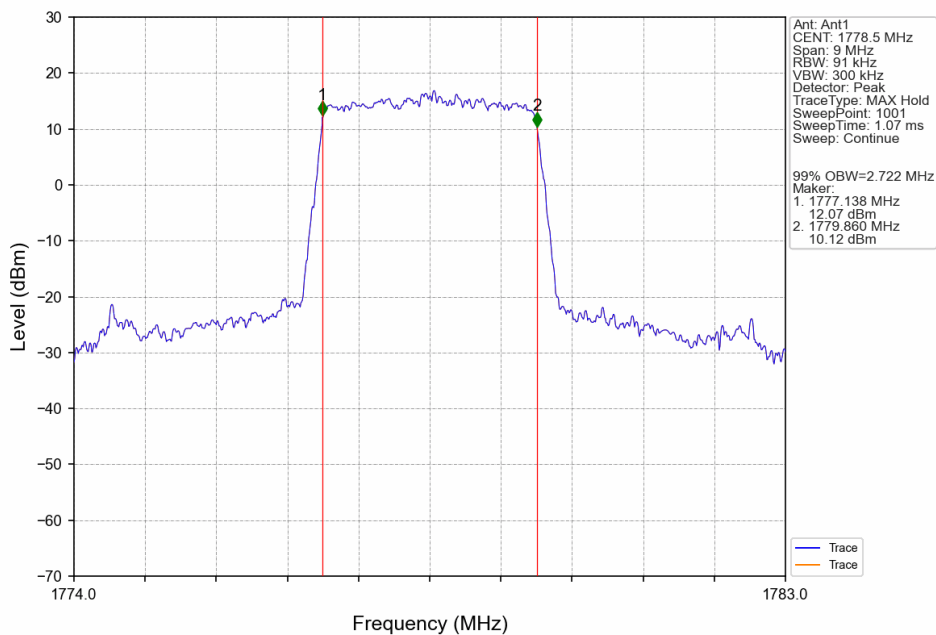
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



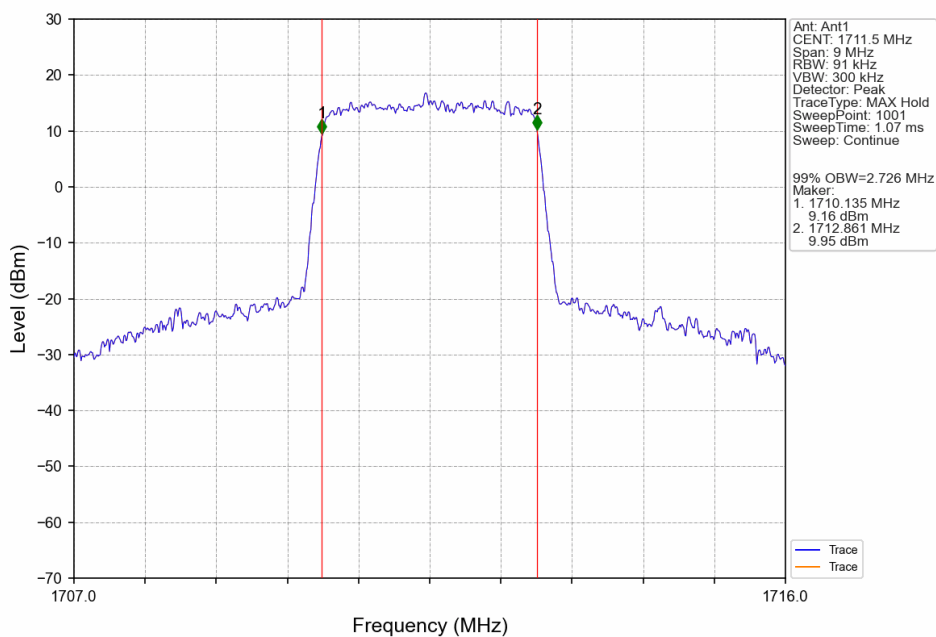
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



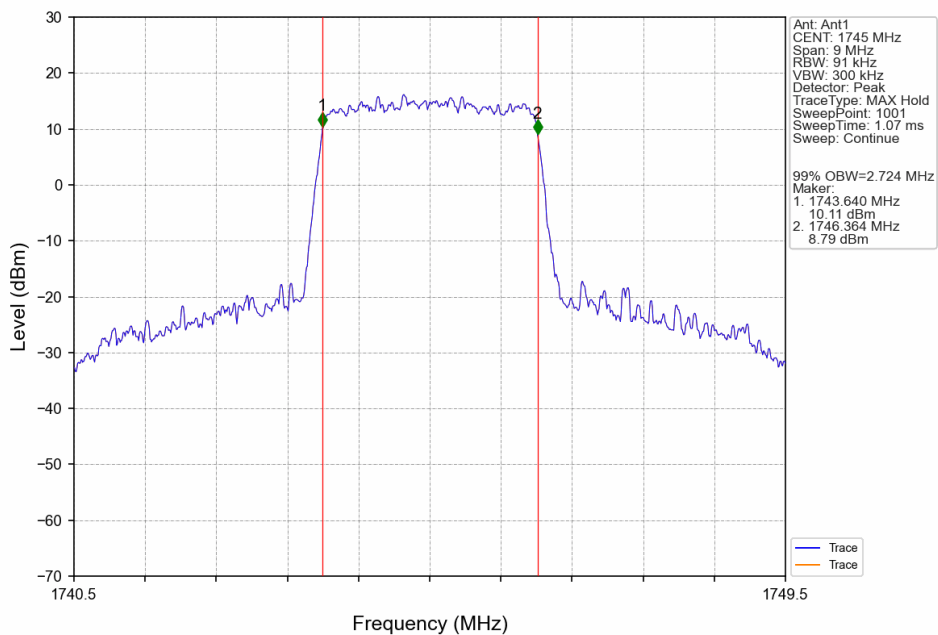
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



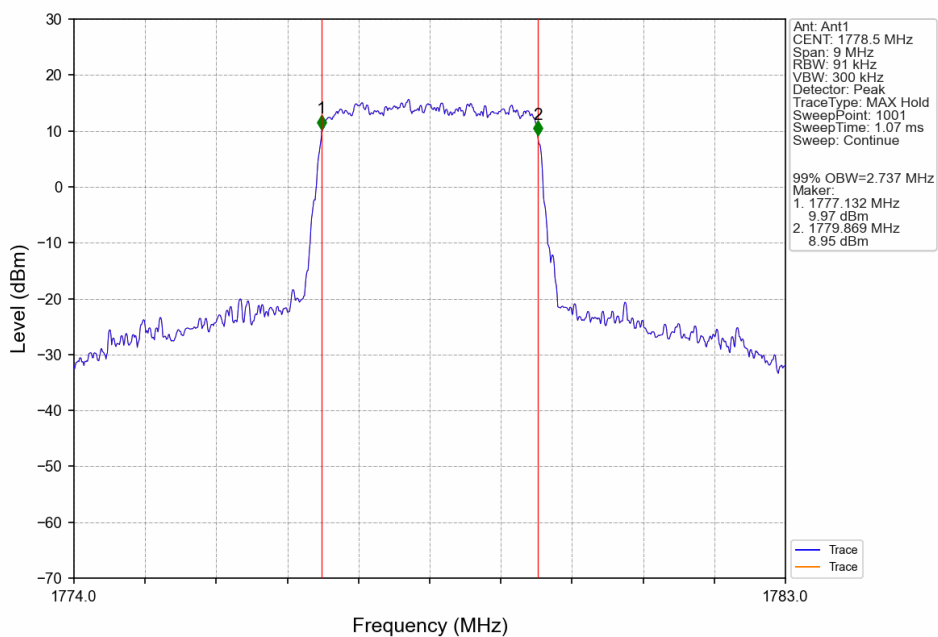
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



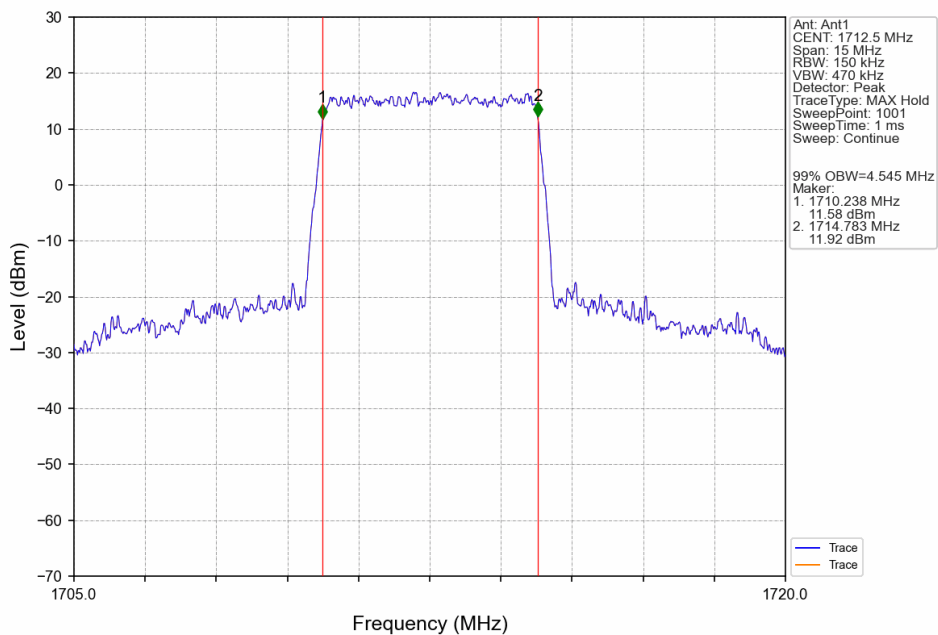
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



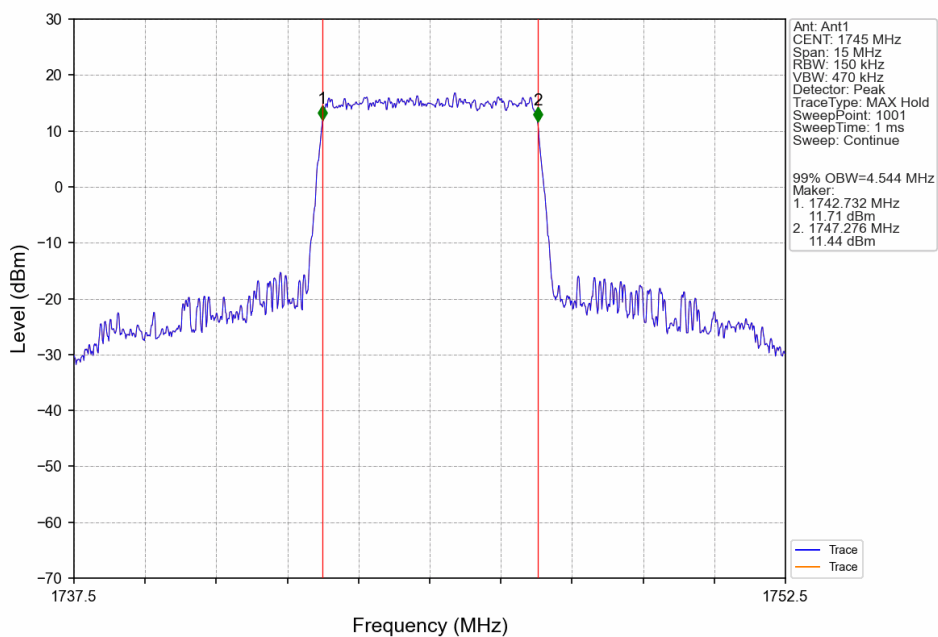
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



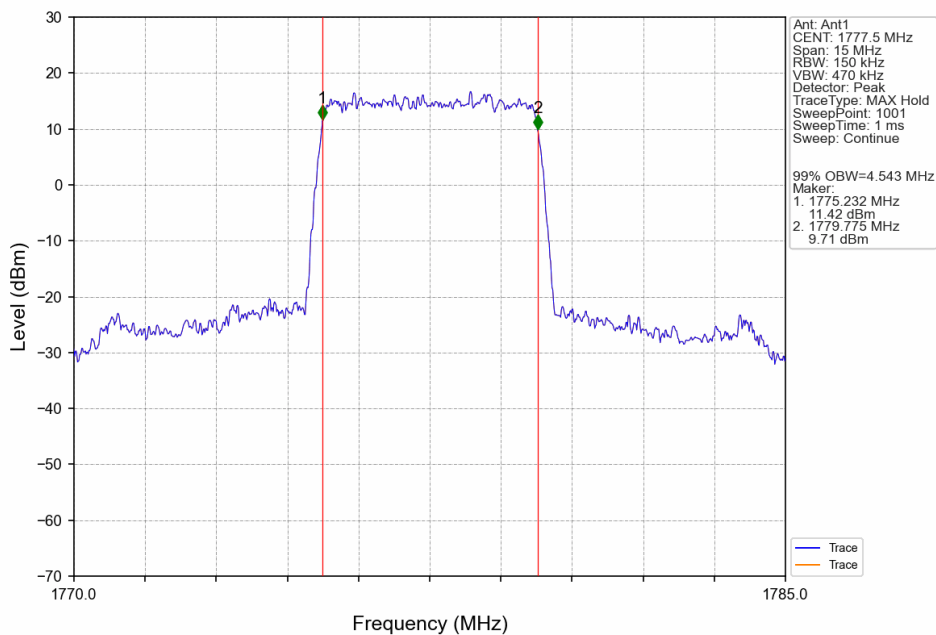
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



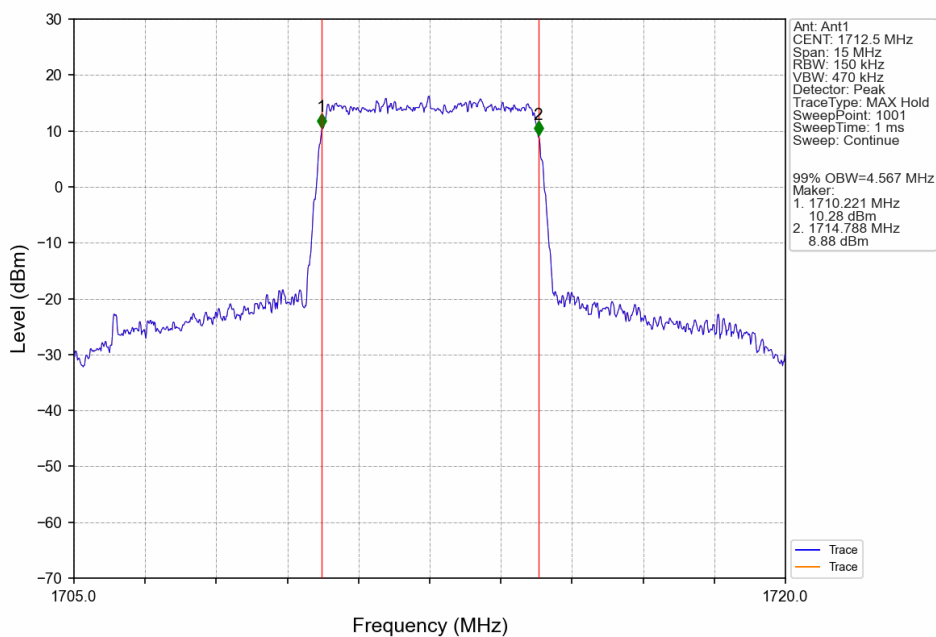
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



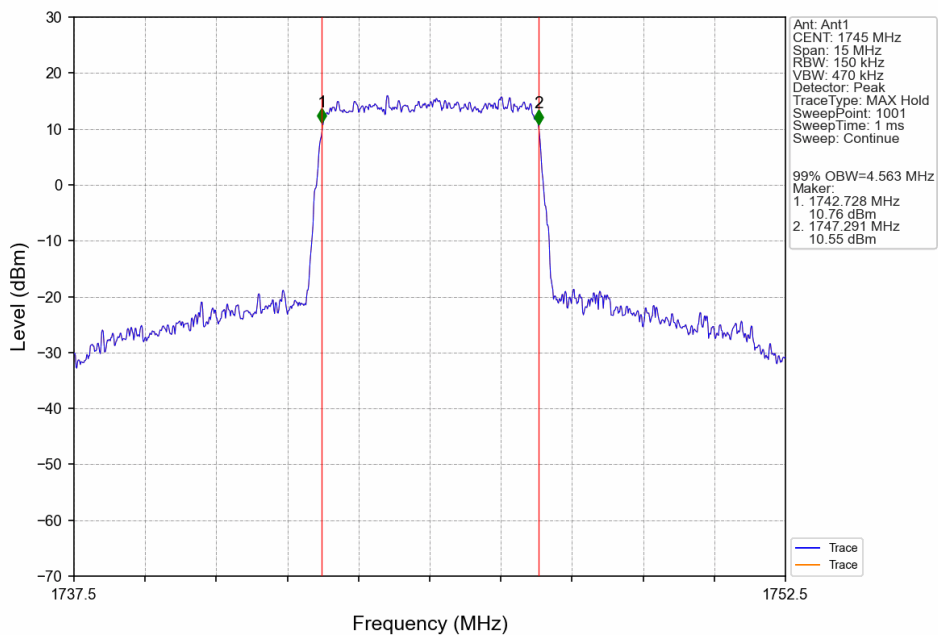
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



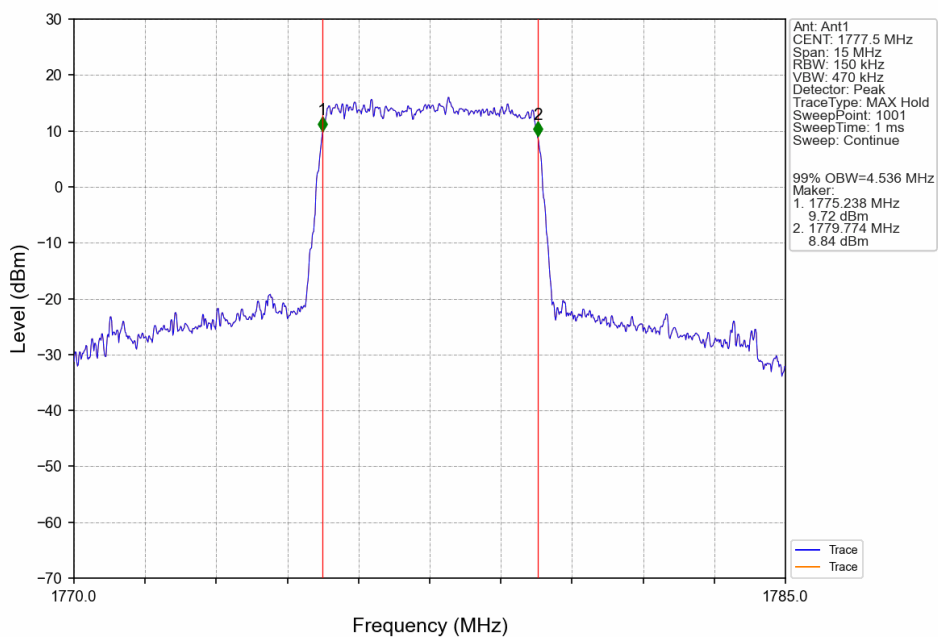
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



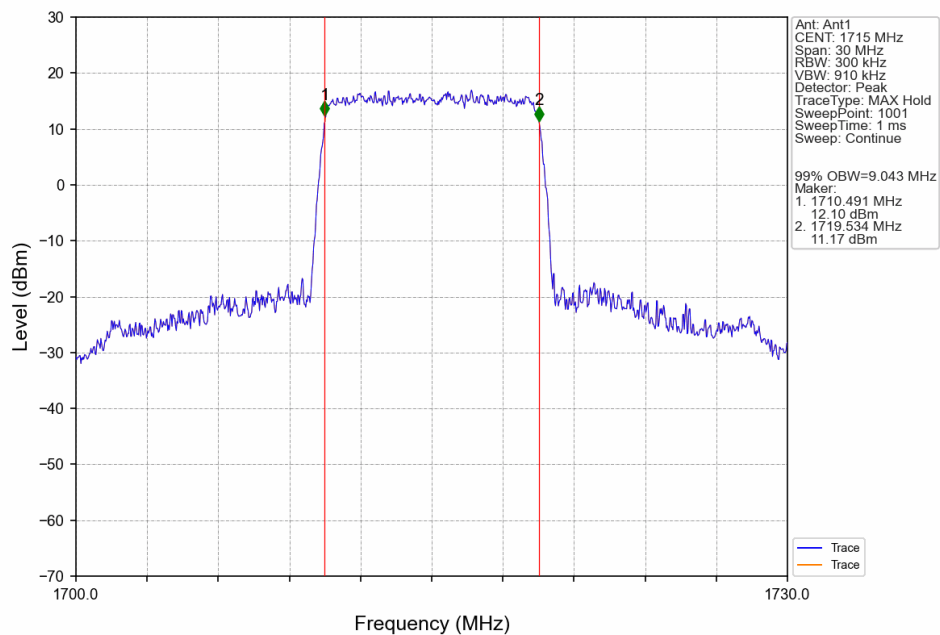
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



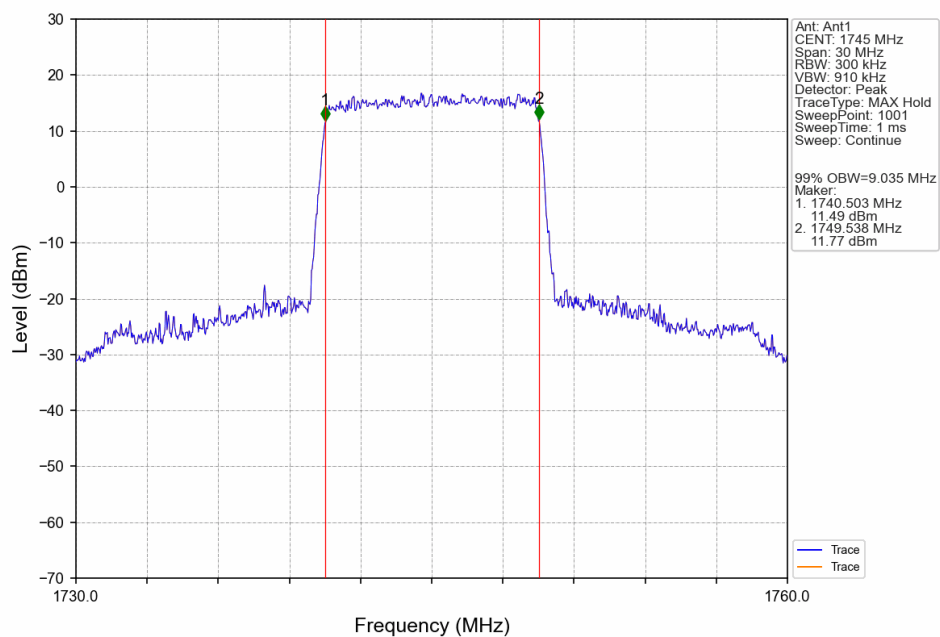
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



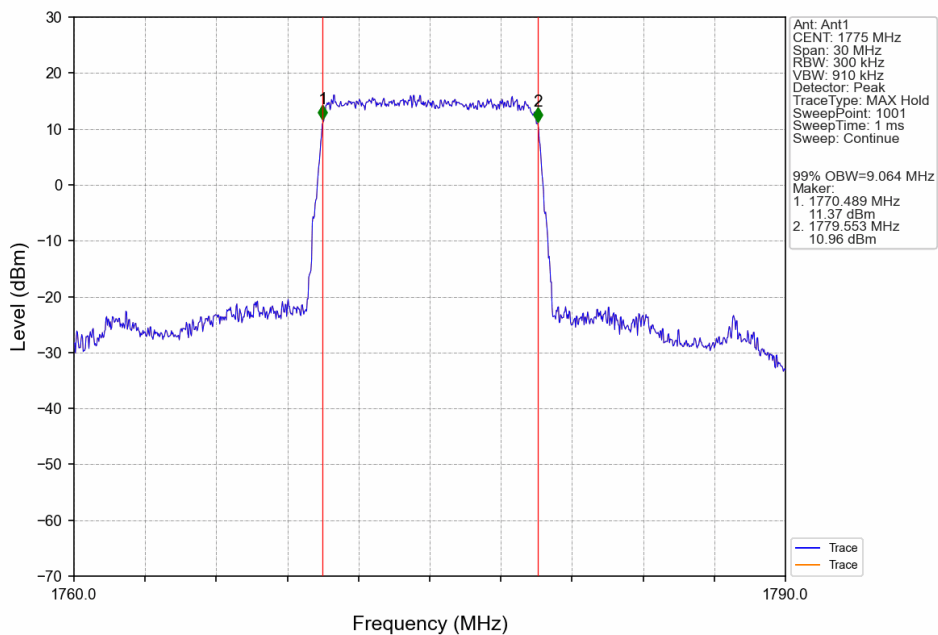
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



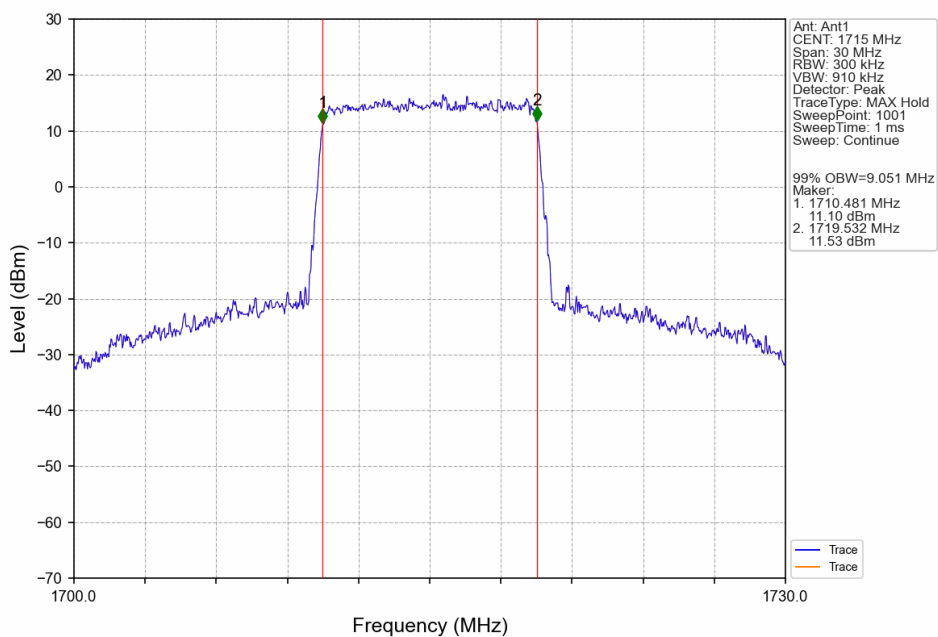
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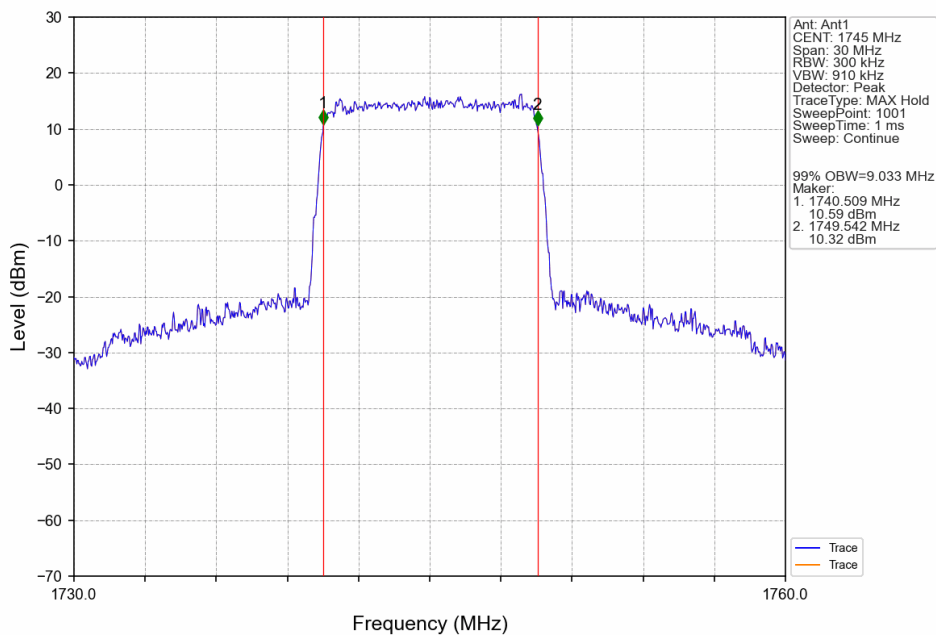
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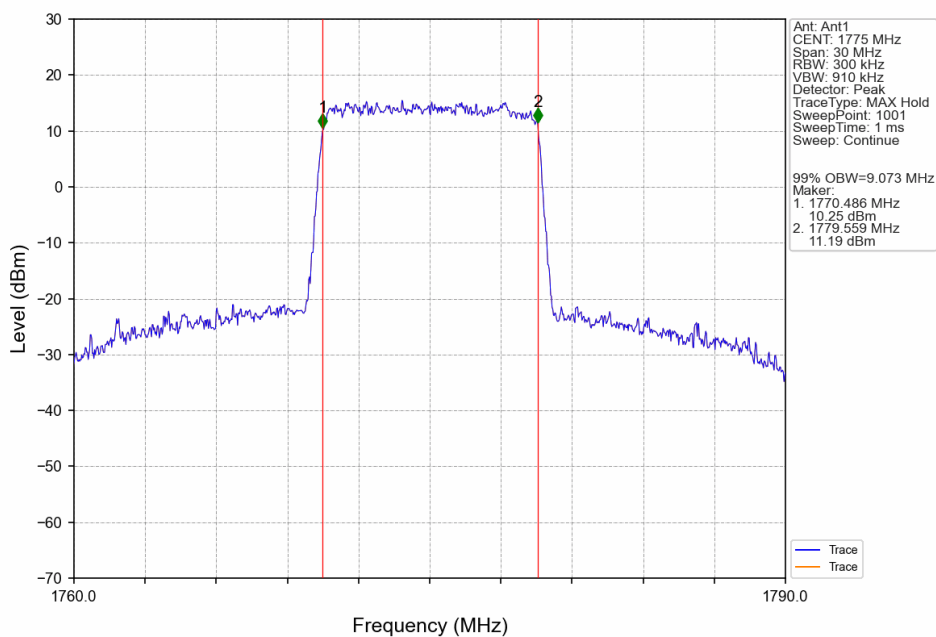
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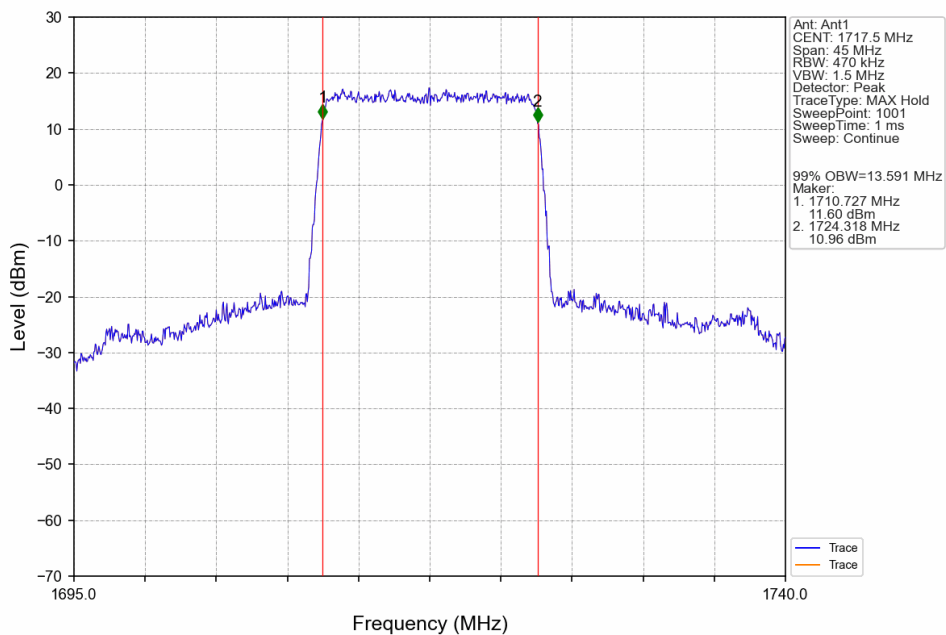
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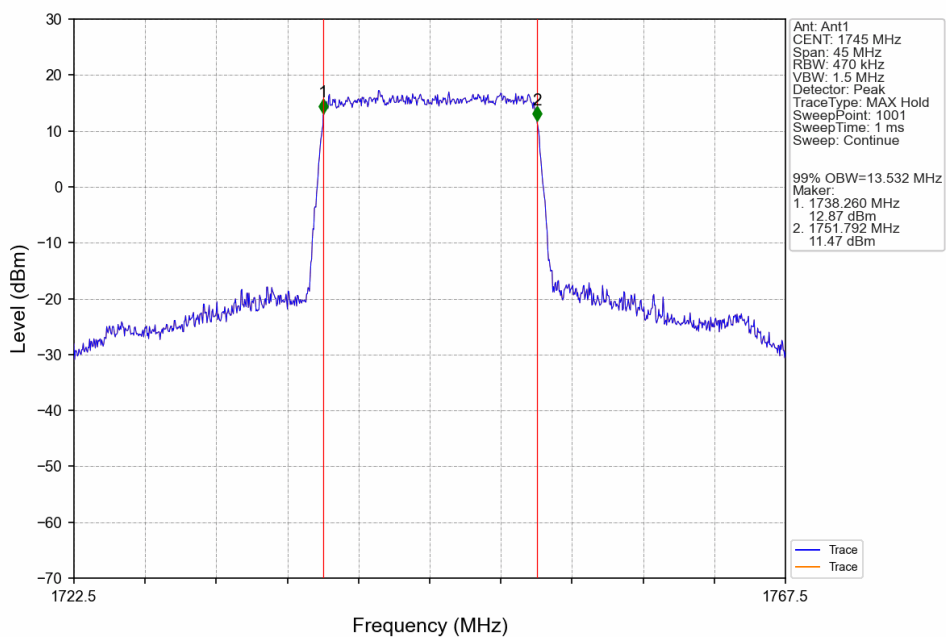
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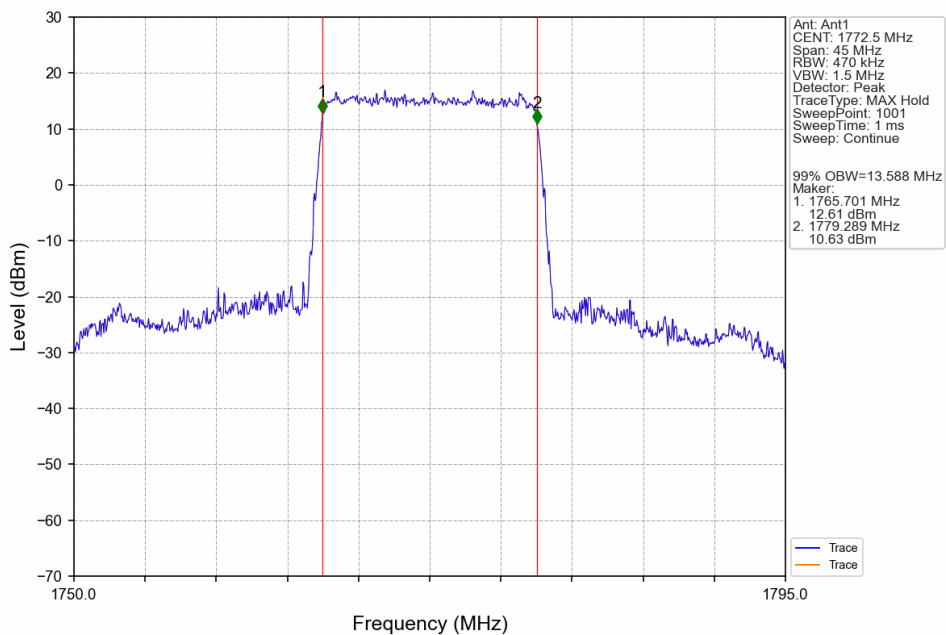
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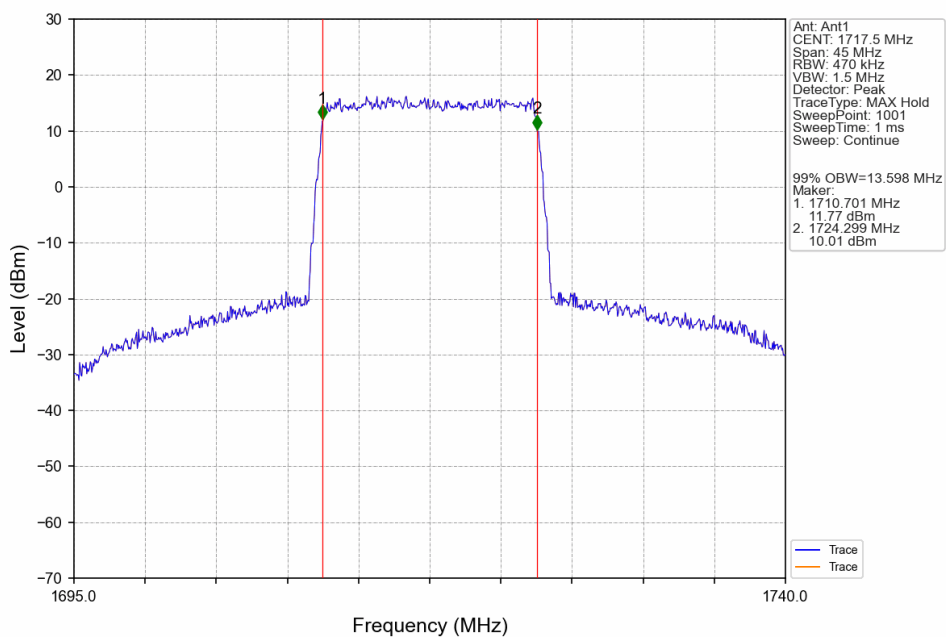
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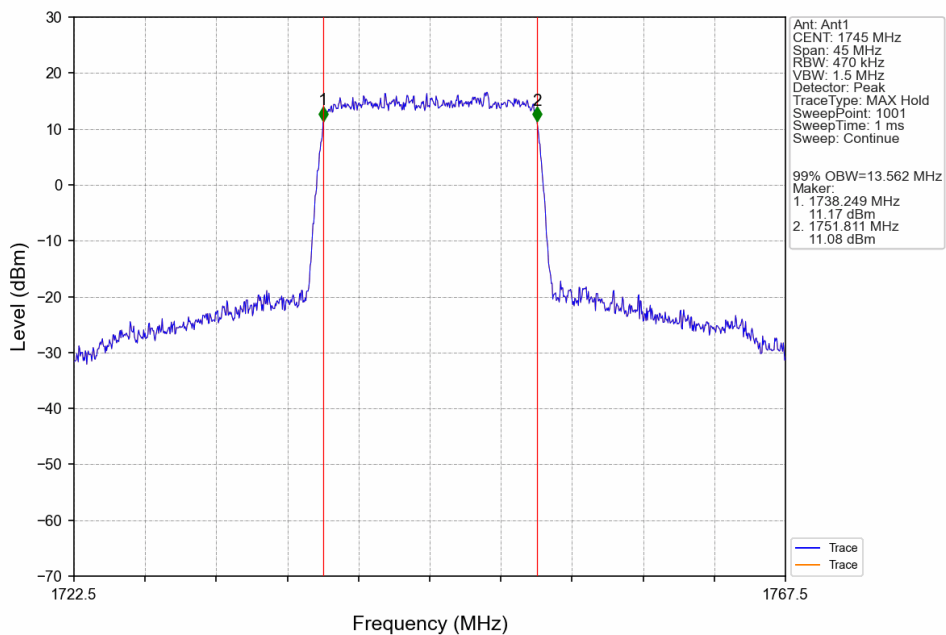
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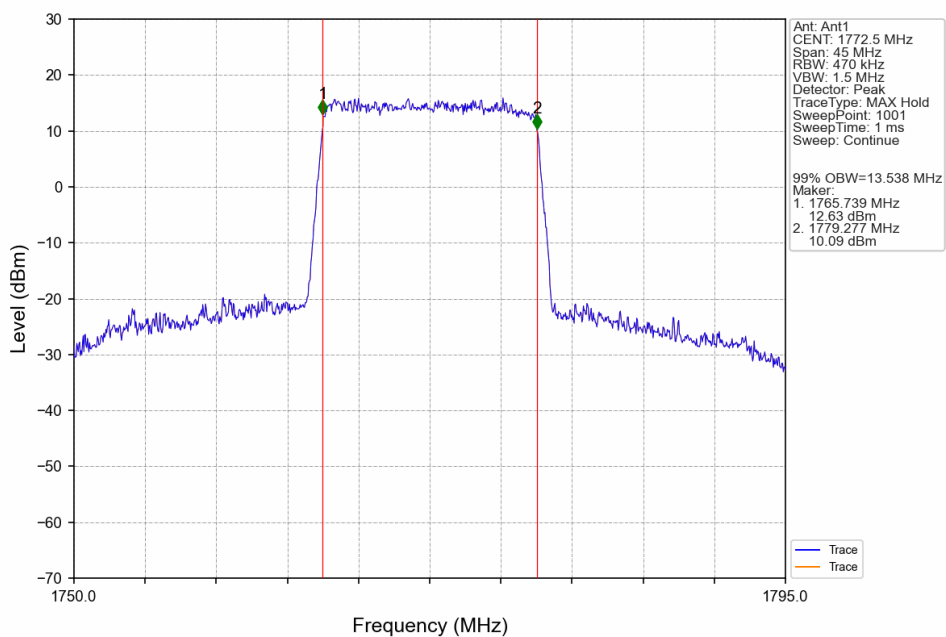
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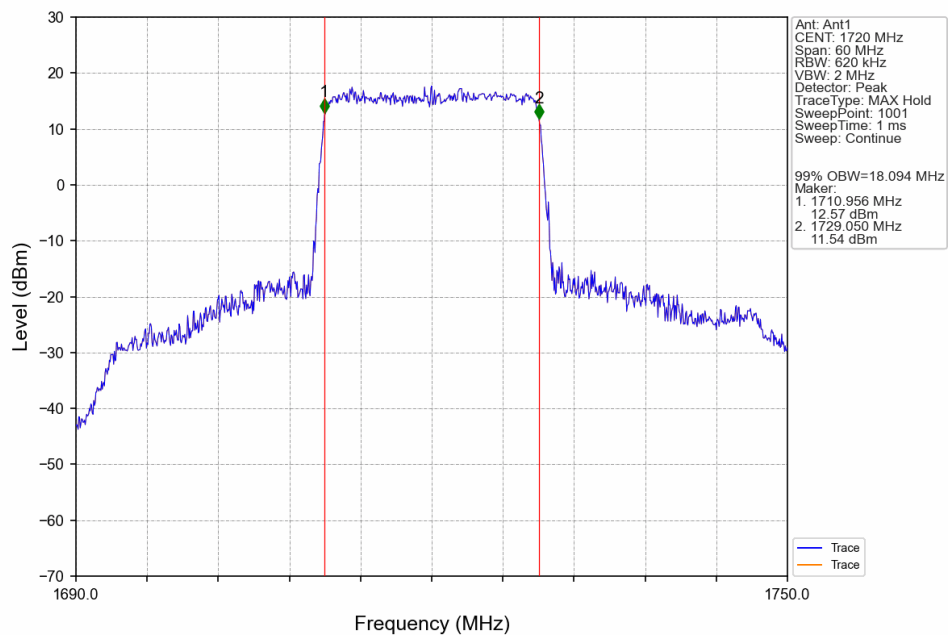
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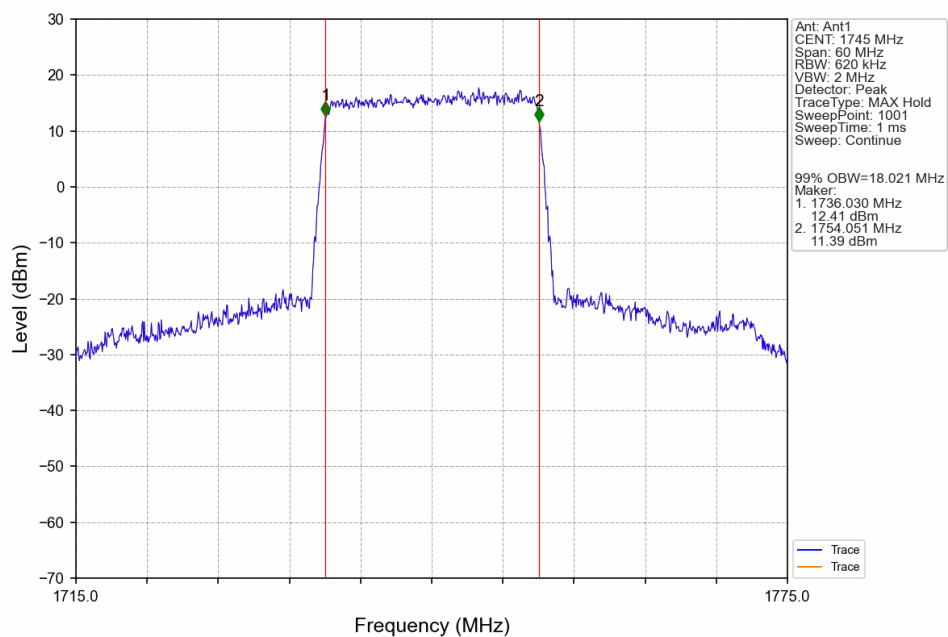
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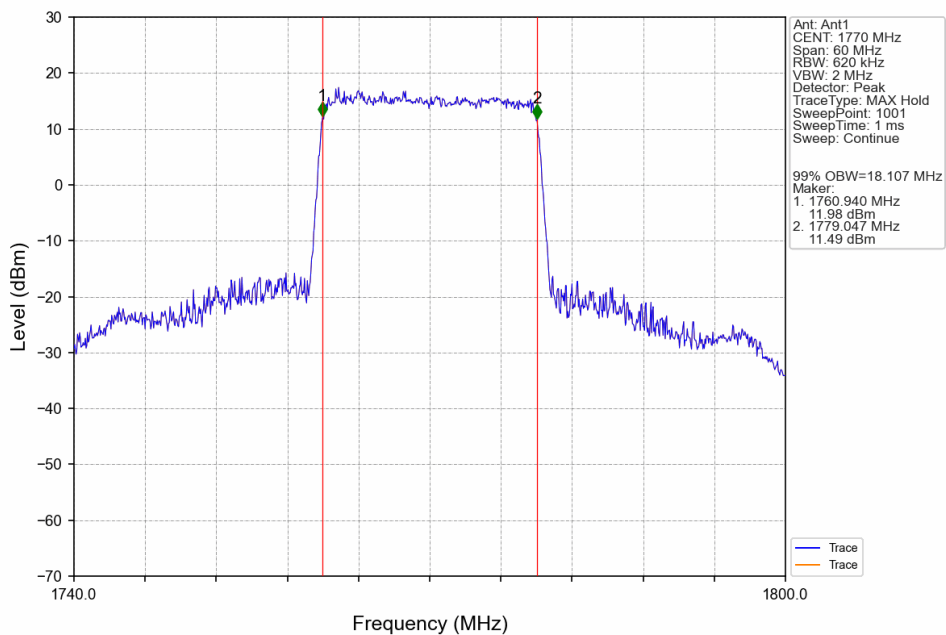
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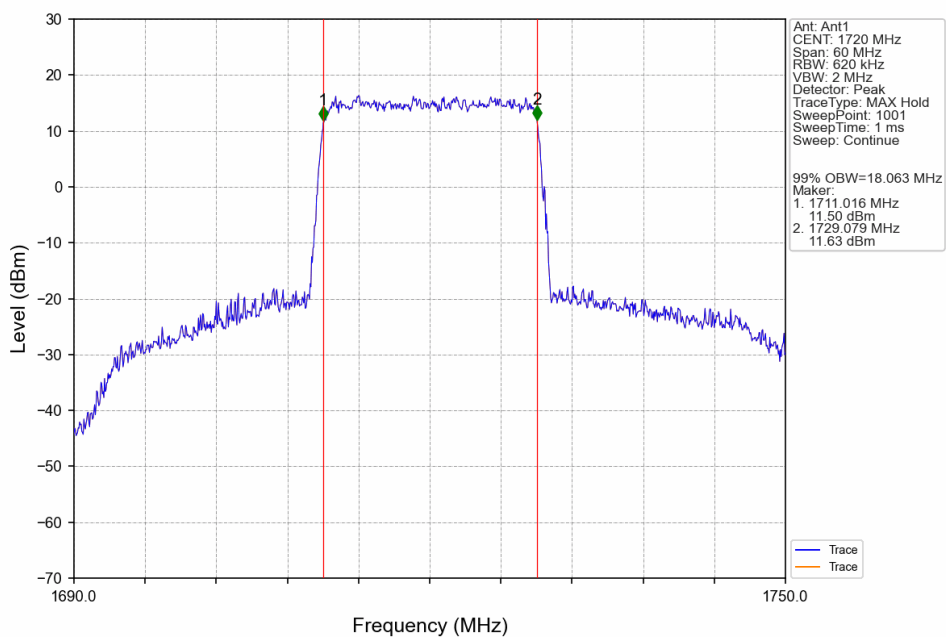
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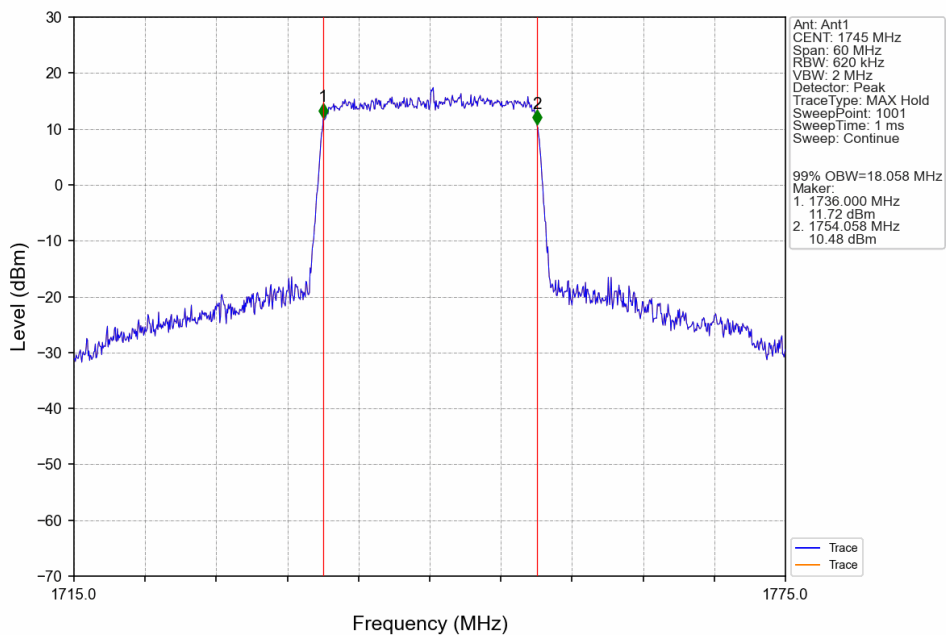
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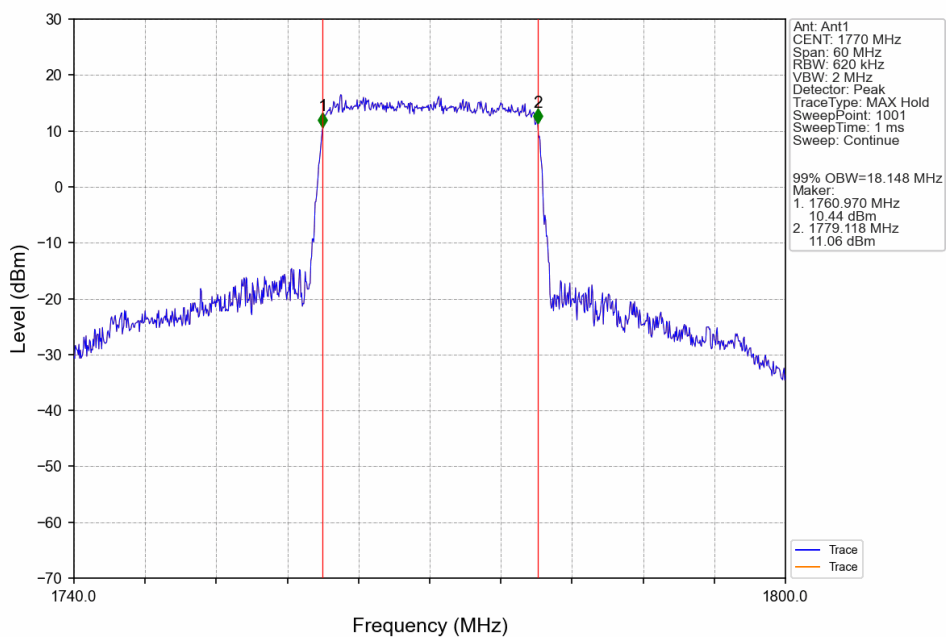
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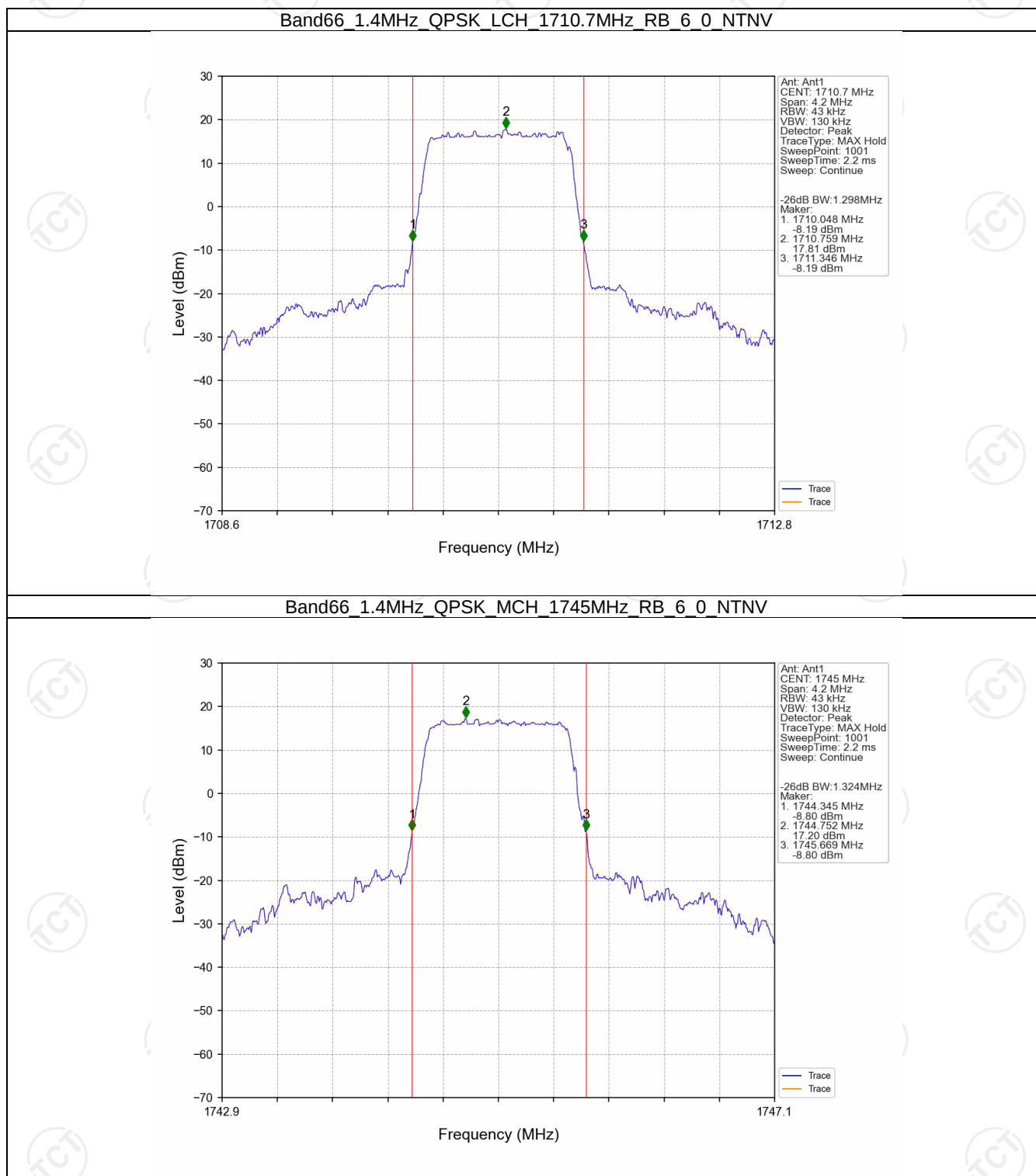
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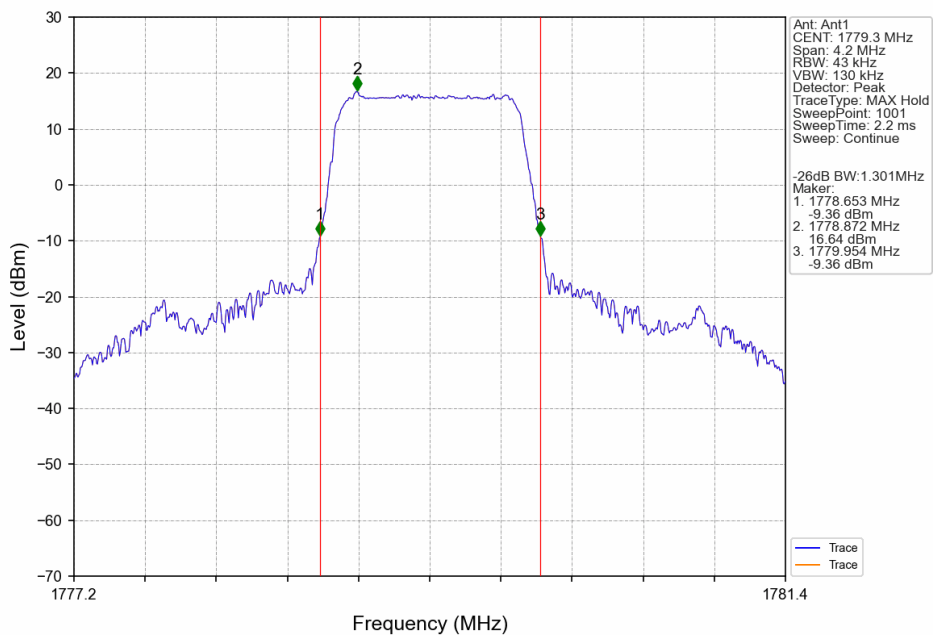
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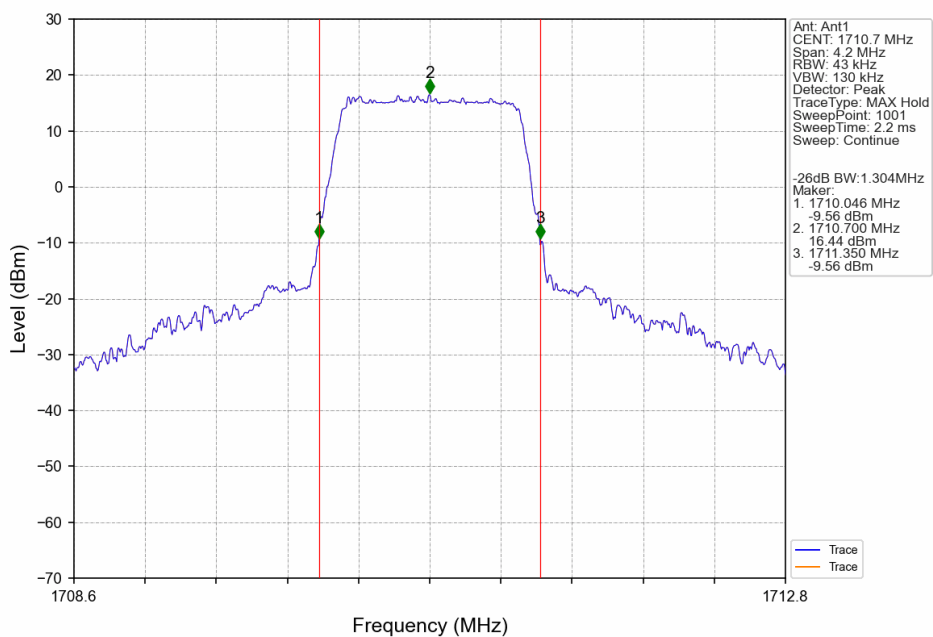
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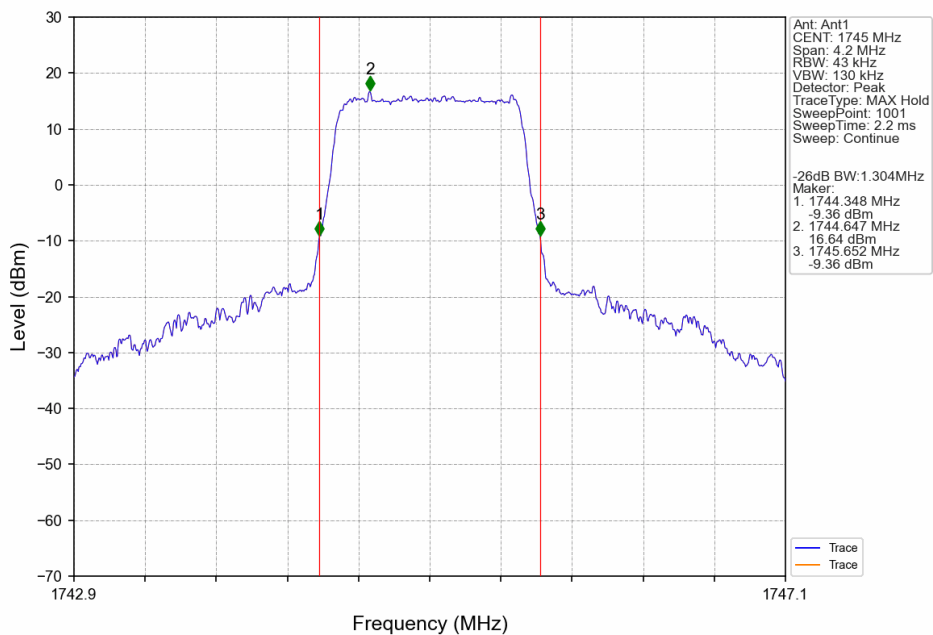
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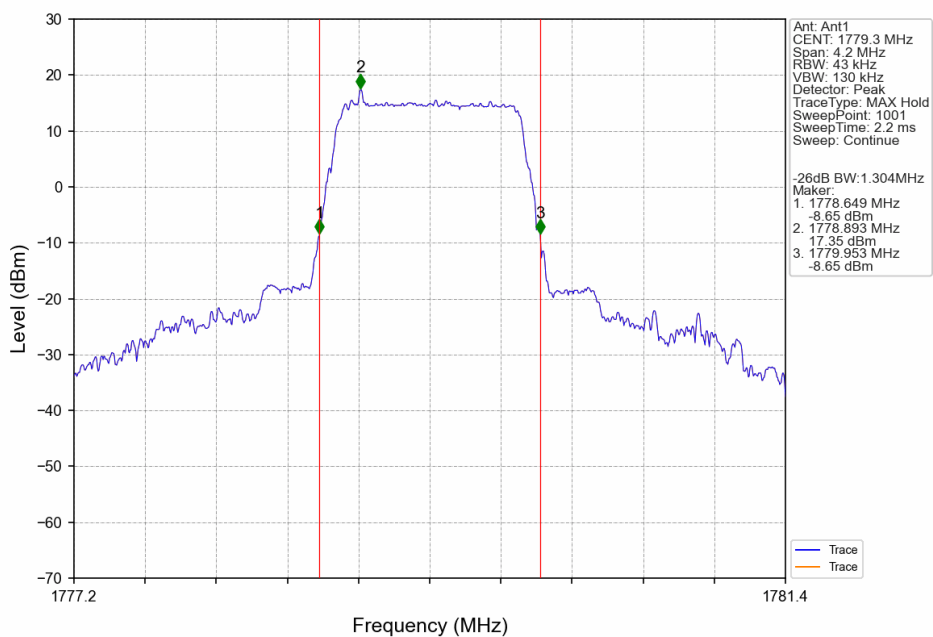
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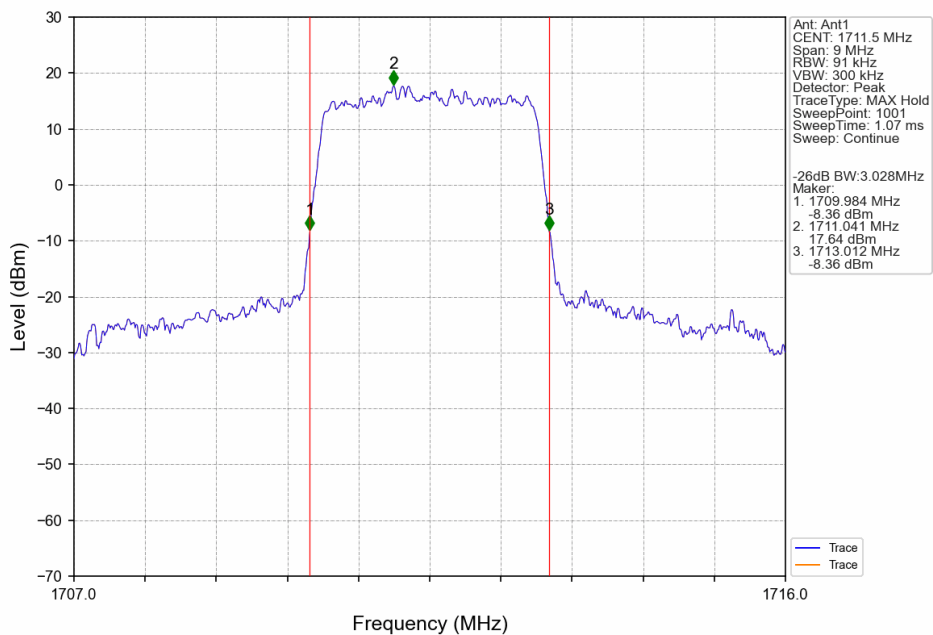
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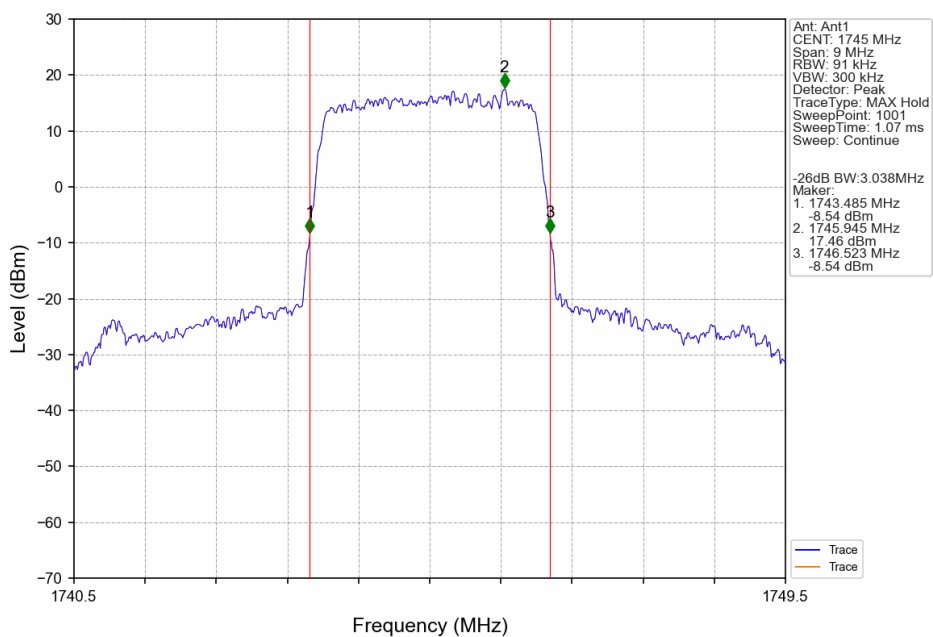
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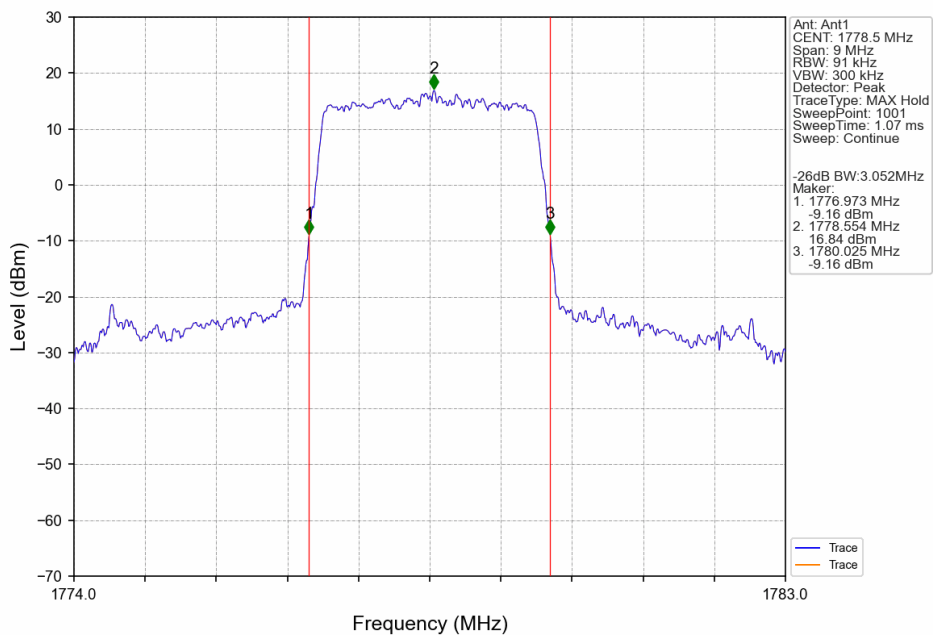
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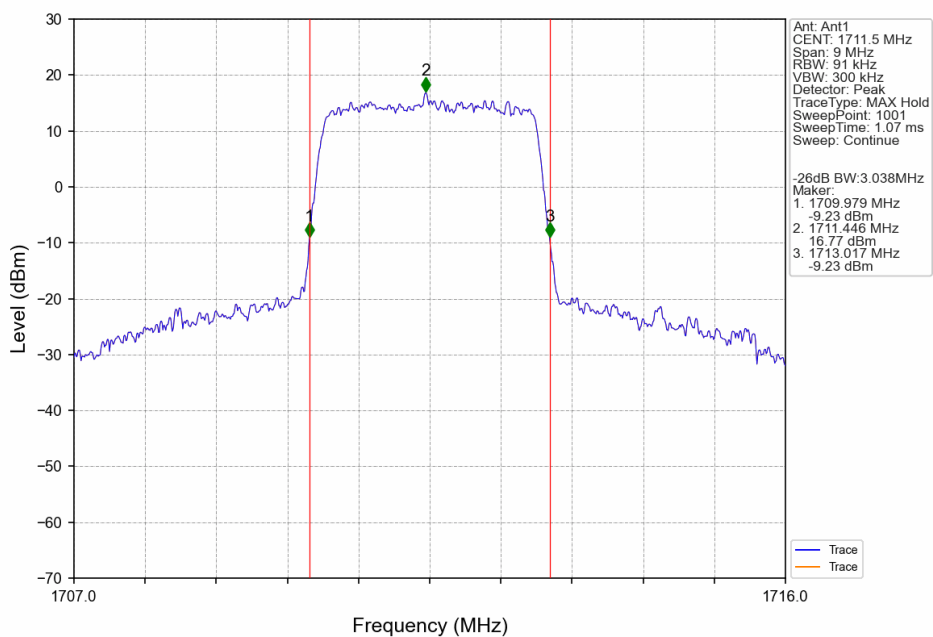
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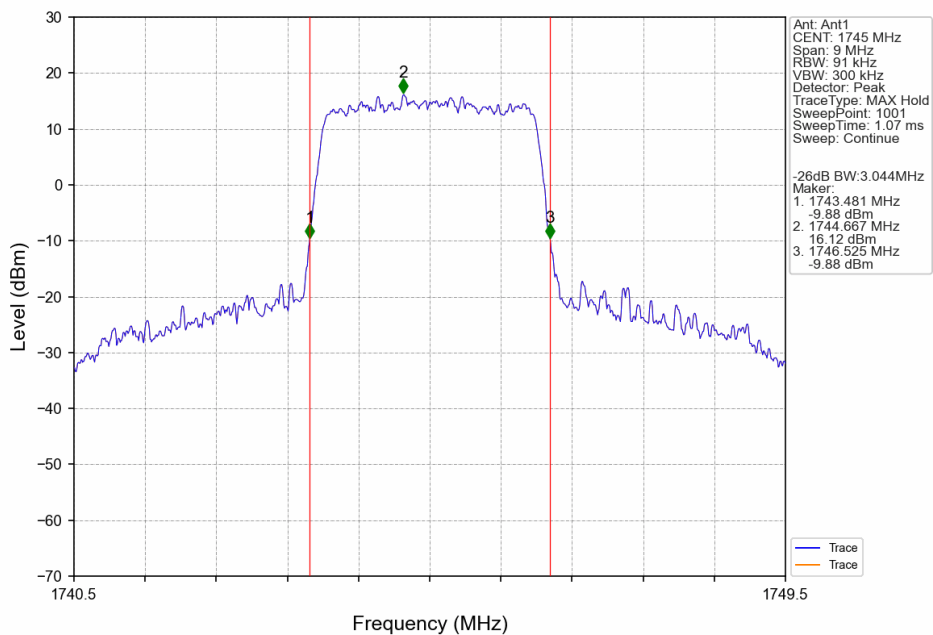
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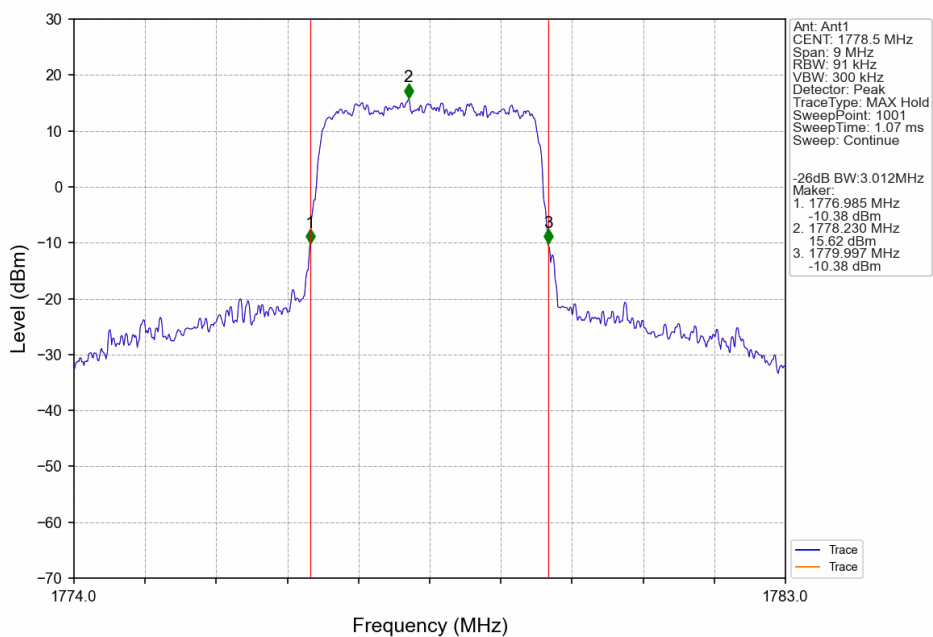
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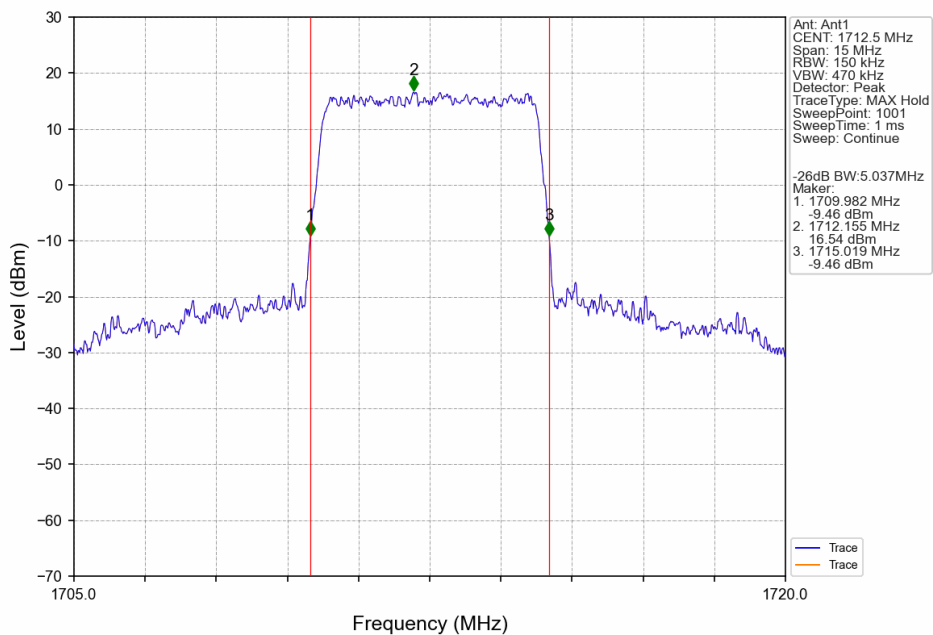
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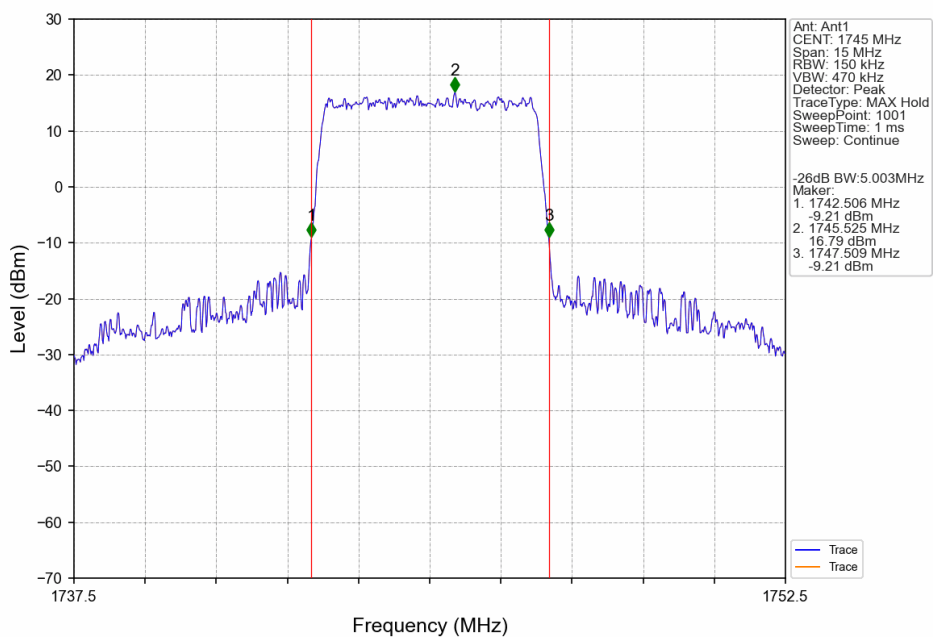
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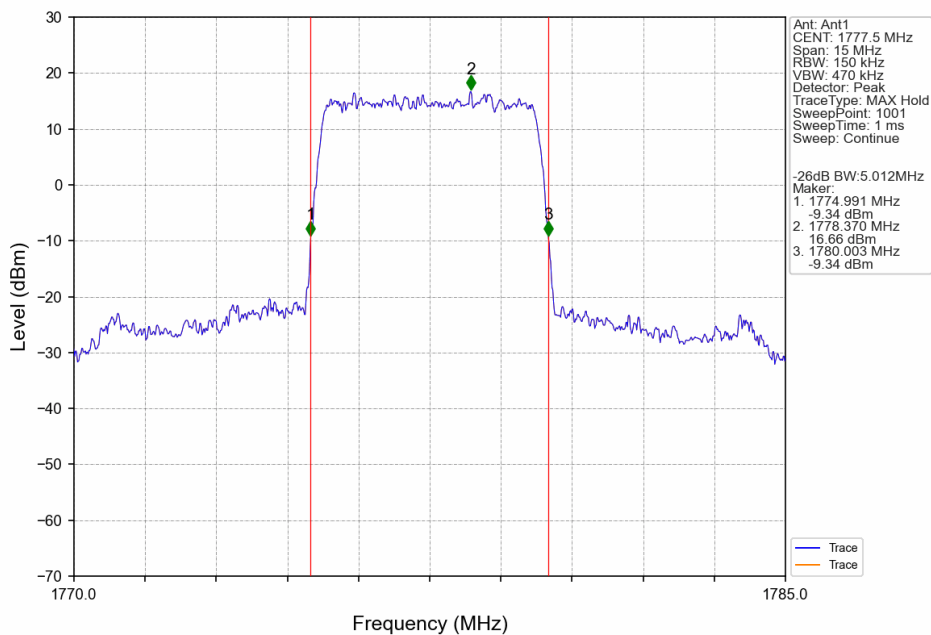
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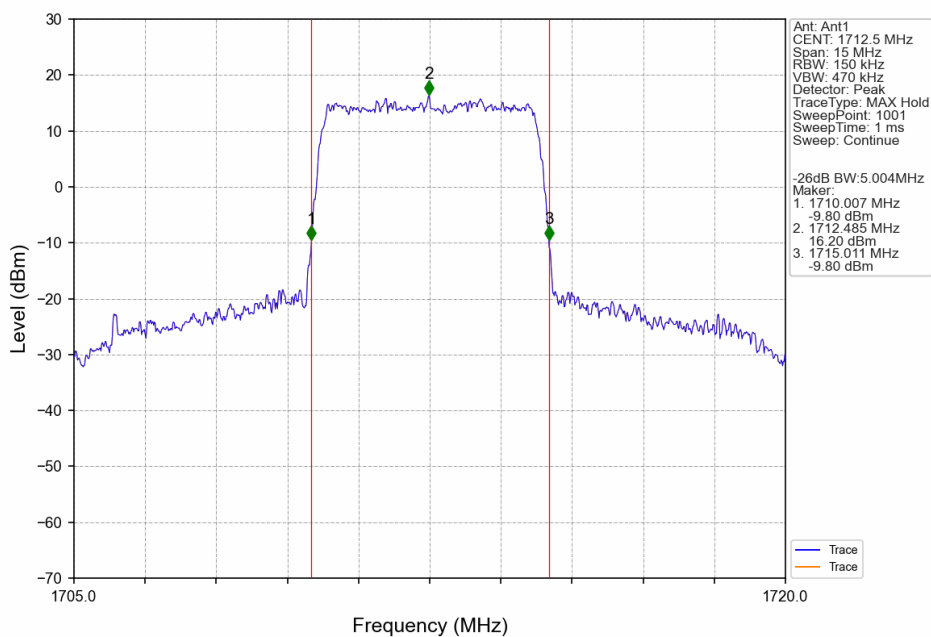
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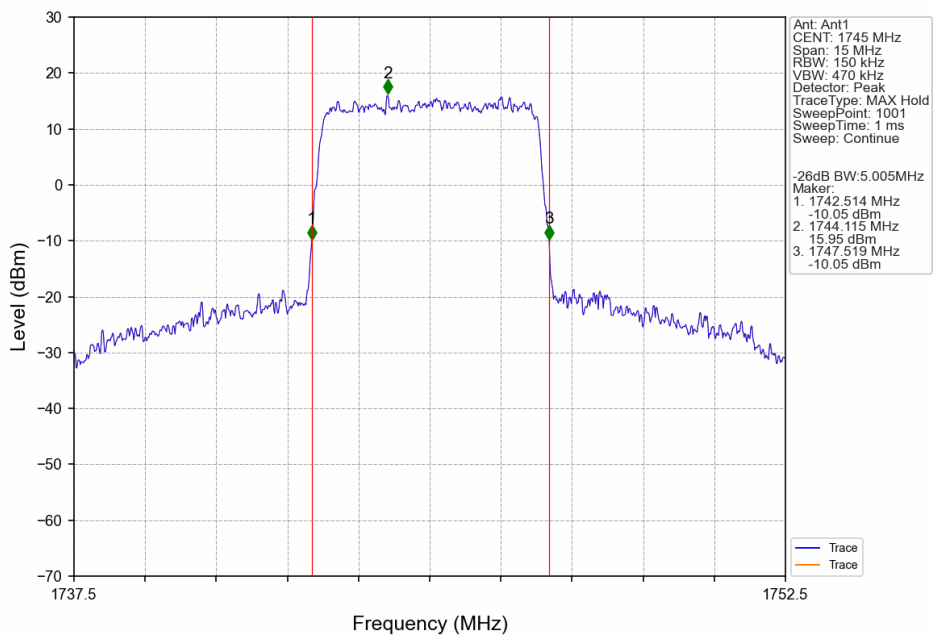
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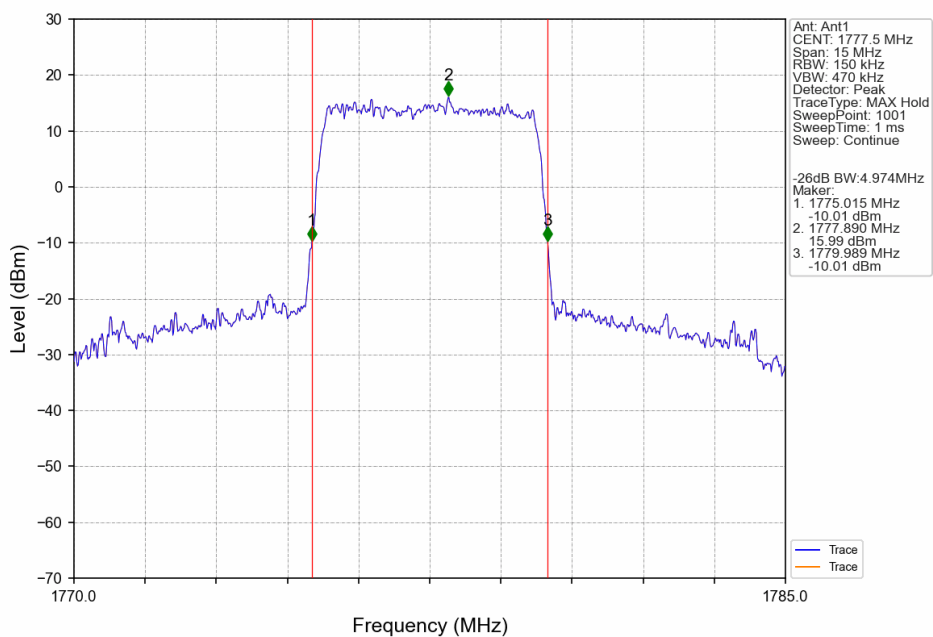
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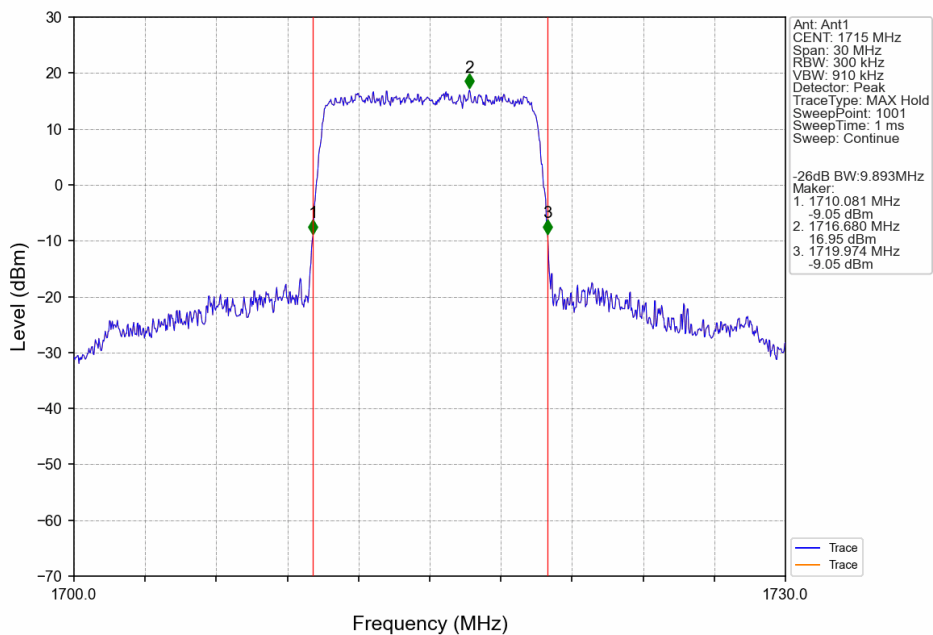
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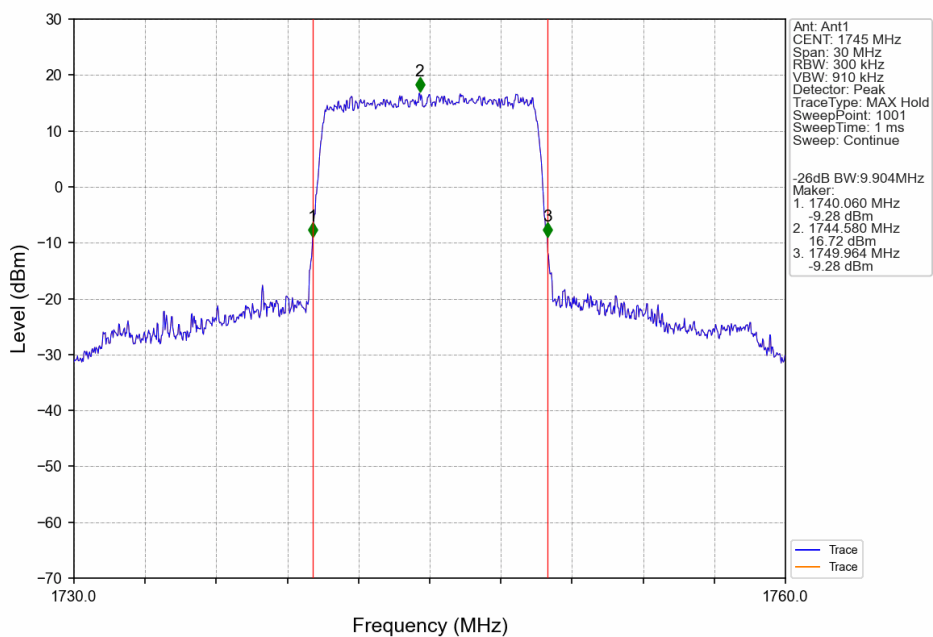
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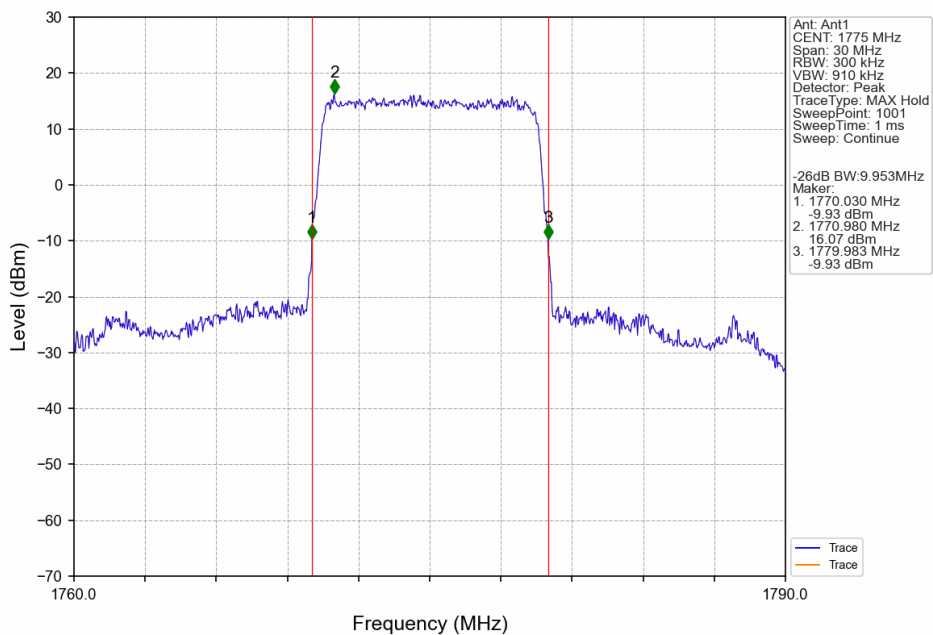
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Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



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

