

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	19.44	-0.13	19.31	<=30	Pass
			2	19.45	-0.13	19.32	<=30	Pass
			5	19.41	-0.13	19.28	<=30	Pass
		3	0	19.46	-0.13	19.33	<=30	Pass
			2	19.54	-0.13	19.41	<=30	Pass
			3	19.47	-0.13	19.34	<=30	Pass
		6	0	18.51	-0.13	18.38	<=30	Pass
	1745	1	0	19.27	-0.13	19.14	<=30	Pass
			2	19.31	-0.13	19.18	<=30	Pass
			5	19.32	-0.13	19.19	<=30	Pass
		3	0	19.32	-0.13	19.19	<=30	Pass
			2	19.36	-0.13	19.23	<=30	Pass
			3	19.32	-0.13	19.19	<=30	Pass
		6	0	18.41	-0.13	18.28	<=30	Pass
	1779.3	1	0	19.52	-0.13	19.39	<=30	Pass
			2	19.52	-0.13	19.39	<=30	Pass
			5	19.55	-0.13	19.42	<=30	Pass
		3	0	19.55	-0.13	19.42	<=30	Pass
			2	19.62	-0.13	19.49	<=30	Pass
			3	19.56	-0.13	19.43	<=30	Pass
		6	0	18.54	-0.13	18.41	<=30	Pass
16QAM	1710.7	1	0	18.70	-0.13	18.57	<=30	Pass
			2	18.68	-0.13	18.55	<=30	Pass
			5	18.67	-0.13	18.54	<=30	Pass
		3	0	18.41	-0.13	18.28	<=30	Pass
			2	18.36	-0.13	18.23	<=30	Pass
			3	18.37	-0.13	18.24	<=30	Pass
		6	0	17.66	-0.13	17.53	<=30	Pass
	1745	1	0	19.11	-0.13	18.98	<=30	Pass
			2	19.07	-0.13	18.94	<=30	Pass
			5	19.12	-0.13	18.99	<=30	Pass
		3	0	18.22	-0.13	18.09	<=30	Pass
			2	18.23	-0.13	18.10	<=30	Pass
			3	18.25	-0.13	18.12	<=30	Pass
		6	0	17.67	-0.13	17.54	<=30	Pass
	1779.3	1	0	19.53	-0.13	19.40	<=30	Pass
			2	19.46	-0.13	19.33	<=30	Pass
			5	19.51	-0.13	19.38	<=30	Pass
		3	0	18.47	-0.13	18.34	<=30	Pass
			2	18.53	-0.13	18.40	<=30	Pass
			3	18.46	-0.13	18.33	<=30	Pass
		6	0	17.67	-0.13	17.54	<=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	19.47	-0.13	19.34	<=30	Pass
			7	19.43	-0.13	19.30	<=30	Pass
			14	19.42	-0.13	19.29	<=30	Pass
		8	0	18.44	-0.13	18.31	<=30	Pass
			4	18.53	-0.13	18.40	<=30	Pass
			7	18.51	-0.13	18.38	<=30	Pass
		15	0	18.45	-0.13	18.32	<=30	Pass
	1745	1	0	19.29	-0.13	19.16	<=30	Pass
			7	19.30	-0.13	19.17	<=30	Pass
			14	19.27	-0.13	19.14	<=30	Pass
		8	0	18.38	-0.13	18.25	<=30	Pass
			4	18.47	-0.13	18.34	<=30	Pass
			7	18.46	-0.13	18.33	<=30	Pass
		15	0	18.43	-0.13	18.30	<=30	Pass
	1778.5	1	0	19.57	-0.13	19.44	<=30	Pass
			7	19.60	-0.13	19.47	<=30	Pass
			14	19.53	-0.13	19.40	<=30	Pass
		8	0	18.51	-0.13	18.38	<=30	Pass
			4	18.80	-0.13	18.67	<=30	Pass
			7	18.83	-0.13	18.70	<=30	Pass
16QAM	1711.5	1	0	18.71	-0.13	18.58	<=30	Pass
			7	18.65	-0.13	18.52	<=30	Pass
			14	18.65	-0.13	18.52	<=30	Pass
		8	0	17.67	-0.13	17.54	<=30	Pass
			4	17.65	-0.13	17.52	<=30	Pass
			7	17.79	-0.13	17.66	<=30	Pass
		15	0	17.62	-0.13	17.49	<=30	Pass
	1745	1	0	19.53	-0.13	19.40	<=30	Pass
			7	19.54	-0.13	19.41	<=30	Pass
			14	19.50	-0.13	19.37	<=30	Pass
		8	0	17.75	-0.13	17.62	<=30	Pass
			4	17.76	-0.13	17.63	<=30	Pass
			7	17.75	-0.13	17.62	<=30	Pass
		15	0	17.66	-0.13	17.53	<=30	Pass
	1778.5	1	0	18.99	-0.13	18.86	<=30	Pass
			7	19.12	-0.13	18.99	<=30	Pass
			14	19.08	-0.13	18.95	<=30	Pass
		8	0	18.05	-0.13	17.92	<=30	Pass
			4	18.11	-0.13	17.98	<=30	Pass
			7	18.11	-0.13	17.98	<=30	Pass
		15	0	17.85	-0.13	17.72	<=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	19.35	-0.13	19.22	<=30	Pass
			13	19.37	-0.13	19.24	<=30	Pass
			24	19.35	-0.13	19.22	<=30	Pass
		12	0	18.54	-0.13	18.41	<=30	Pass
			6	18.51	-0.13	18.38	<=30	Pass
			13	18.41	-0.13	18.28	<=30	Pass

16QAM	1745	25	0	18.47	-0.13	18.34	<=30	Pass
			0	19.29	-0.13	19.16	<=30	Pass
			13	19.37	-0.13	19.24	<=30	Pass
			24	19.32	-0.13	19.19	<=30	Pass
		12	0	18.37	-0.13	18.24	<=30	Pass
			6	18.32	-0.13	18.19	<=30	Pass
			13	18.33	-0.13	18.20	<=30	Pass
		25	0	18.27	-0.13	18.14	<=30	Pass
	1777.5	1	0	19.45	-0.13	19.32	<=30	Pass
			13	19.53	-0.13	19.40	<=30	Pass
			24	19.49	-0.13	19.36	<=30	Pass
		12	0	18.49	-0.13	18.36	<=30	Pass
			6	18.49	-0.13	18.36	<=30	Pass
			13	18.68	-0.13	18.55	<=30	Pass
		25	0	18.58	-0.13	18.45	<=30	Pass
	1712.5	1	0	19.27	-0.13	19.14	<=30	Pass
			13	19.25	-0.13	19.12	<=30	Pass
			24	19.14	-0.13	19.01	<=30	Pass
		12	0	17.53	-0.13	17.40	<=30	Pass
			6	17.58	-0.13	17.45	<=30	Pass
			13	17.51	-0.13	17.38	<=30	Pass
		25	0	17.63	-0.13	17.50	<=30	Pass
	1745	1	0	18.97	-0.13	18.84	<=30	Pass
			13	18.94	-0.13	18.81	<=30	Pass
			24	18.99	-0.13	18.86	<=30	Pass
		12	0	17.38	-0.13	17.25	<=30	Pass
			6	17.37	-0.13	17.24	<=30	Pass
			13	17.39	-0.13	17.26	<=30	Pass
		25	0	17.41	-0.13	17.28	<=30	Pass
	1777.5	1	0	18.46	-0.13	18.33	<=30	Pass
			13	18.45	-0.13	18.32	<=30	Pass
			24	18.50	-0.13	18.37	<=30	Pass
		12	0	17.65	-0.13	17.52	<=30	Pass
			6	17.67	-0.13	17.54	<=30	Pass
			13	17.67	-0.13	17.54	<=30	Pass
		25	0	17.62	-0.13	17.49	<=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	19.33	-0.13	19.20	<=30	Pass
			25	19.31	-0.13	19.18	<=30	Pass
			49	19.25	-0.13	19.12	<=30	Pass
		25	0	18.44	-0.13	18.31	<=30	Pass
			13	18.40	-0.13	18.27	<=30	Pass
			25	18.47	-0.13	18.34	<=30	Pass
		50	0	18.36	-0.13	18.23	<=30	Pass
	1745	1	0	19.37	-0.13	19.24	<=30	Pass
			25	19.37	-0.13	19.24	<=30	Pass
			49	19.39	-0.13	19.26	<=30	Pass
		25	0	18.41	-0.13	18.28	<=30	Pass
			13	18.33	-0.13	18.20	<=30	Pass
			25	18.39	-0.13	18.26	<=30	Pass
		50	0	18.26	-0.13	18.13	<=30	Pass

16QAM	1775	1	0	19.37	-0.13	19.24	<=30	Pass
			25	19.43	-0.13	19.30	<=30	Pass
			49	19.58	-0.13	19.45	<=30	Pass
		25	0	18.48	-0.13	18.35	<=30	Pass
			13	18.61	-0.13	18.48	<=30	Pass
			25	18.39	-0.13	18.26	<=30	Pass
		50	0	18.50	-0.13	18.37	<=30	Pass
	1715	1	0	19.01	-0.13	18.88	<=30	Pass
			25	18.93	-0.13	18.80	<=30	Pass
			49	18.86	-0.13	18.73	<=30	Pass
		25	0	17.69	-0.13	17.56	<=30	Pass
			13	17.55	-0.13	17.42	<=30	Pass
			25	17.59	-0.13	17.46	<=30	Pass
		50	0	17.43	-0.13	17.30	<=30	Pass
	1745	1	0	19.31	-0.13	19.18	<=30	Pass
			25	19.37	-0.13	19.24	<=30	Pass
			49	19.34	-0.13	19.21	<=30	Pass
		25	0	17.49	-0.13	17.36	<=30	Pass
			13	17.48	-0.13	17.35	<=30	Pass
			25	17.47	-0.13	17.34	<=30	Pass
		50	0	17.47	-0.13	17.34	<=30	Pass
	1775	1	0	18.87	-0.13	18.74	<=30	Pass
			25	18.85	-0.13	18.72	<=30	Pass
			49	19.04	-0.13	18.91	<=30	Pass
		25	0	17.51	-0.13	17.38	<=30	Pass
			13	17.57	-0.13	17.44	<=30	Pass
			25	17.64	-0.13	17.51	<=30	Pass
		50	0	17.61	-0.13	17.48	<=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	19.29	-0.13	19.16	<=30	Pass
			38	19.27	-0.13	19.14	<=30	Pass
			74	19.24	-0.13	19.11	<=30	Pass
		36	0	18.36	-0.13	18.23	<=30	Pass
			18	18.34	-0.13	18.21	<=30	Pass
			39	18.41	-0.13	18.28	<=30	Pass
		75	0	18.42	-0.13	18.29	<=30	Pass
	1745	1	0	19.35	-0.13	19.22	<=30	Pass
			38	19.39	-0.13	19.26	<=30	Pass
			74	19.44	-0.13	19.31	<=30	Pass
		36	0	18.23	-0.13	18.10	<=30	Pass
			18	18.35	-0.13	18.22	<=30	Pass
			39	18.42	-0.13	18.29	<=30	Pass
		75	0	18.29	-0.13	18.16	<=30	Pass
	1772.5	1	0	19.41	-0.13	19.28	<=30	Pass
			38	19.42	-0.13	19.29	<=30	Pass
			74	19.58	-0.13	19.45	<=30	Pass
		36	0	18.40	-0.13	18.27	<=30	Pass
			18	18.43	-0.13	18.30	<=30	Pass
			39	18.53	-0.13	18.40	<=30	Pass
		75	0	18.43	-0.13	18.30	<=30	Pass
16QAM	1717.5	1	0	19.35	-0.13	19.22	<=30	Pass

			38	19.33	-0.13	19.20	<=30	Pass
			74	19.26	-0.13	19.13	<=30	Pass
		36	0	17.56	-0.13	17.43	<=30	Pass
			18	17.60	-0.13	17.47	<=30	Pass
			39	17.54	-0.13	17.41	<=30	Pass
		75	0	17.55	-0.13	17.42	<=30	Pass
	1745	1	0	19.66	-0.13	19.53	<=30	Pass
			38	19.75	-0.13	19.62	<=30	Pass
			74	19.72	-0.13	19.59	<=30	Pass
		36	0	17.34	-0.13	17.21	<=30	Pass
			18	17.31	-0.13	17.18	<=30	Pass
			39	17.37	-0.13	17.24	<=30	Pass
	75	0	17.45	-0.13	17.32	<=30	Pass	
	1772.5	1	0	18.82	-0.13	18.69	<=30	Pass
			38	18.77	-0.13	18.64	<=30	Pass
			74	18.85	-0.13	18.72	<=30	Pass
		36	0	17.61	-0.13	17.48	<=30	Pass
			18	17.55	-0.13	17.42	<=30	Pass
			39	17.63	-0.13	17.50	<=30	Pass
	75	0	17.55	-0.13	17.42	<=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	19.55	-0.13	19.42	<=30	Pass
			50	19.39	-0.13	19.26	<=30	Pass
			99	19.45	-0.13	19.32	<=30	Pass
		50	0	18.30	-0.13	18.17	<=30	Pass
			25	18.41	-0.13	18.28	<=30	Pass
			50	18.32	-0.13	18.19	<=30	Pass
		100	0	18.31	-0.13	18.18	<=30	Pass
			0	19.29	-0.13	19.16	<=30	Pass
			50	19.28	-0.13	19.15	<=30	Pass
		1	99	19.39	-0.13	19.26	<=30	Pass
			0	18.26	-0.13	18.13	<=30	Pass
			25	18.33	-0.13	18.20	<=30	Pass
16QAM	1745	50	50	18.31	-0.13	18.18	<=30	Pass
			0	18.37	-0.13	18.24	<=30	Pass
			0	19.35	-0.13	19.22	<=30	Pass
		1	50	19.39	-0.13	19.26	<=30	Pass
			99	19.56	-0.13	19.43	<=30	Pass
			0	18.37	-0.13	18.24	<=30	Pass
		50	25	18.47	-0.13	18.34	<=30	Pass
			50	18.48	-0.13	18.35	<=30	Pass
			0	18.46	-0.13	18.33	<=30	Pass
	1770	1	0	19.33	-0.13	19.20	<=30	Pass
			50	19.21	-0.13	19.08	<=30	Pass
			99	19.24	-0.13	19.11	<=30	Pass
		50	0	17.49	-0.13	17.36	<=30	Pass
			25	17.47	-0.13	17.34	<=30	Pass
			50	17.39	-0.13	17.26	<=30	Pass
		100	0	17.52	-0.13	17.39	<=30	Pass
			0	19.46	-0.13	19.33	<=30	Pass
			50	19.51	-0.13	19.38	<=30	Pass

		50	99	19.47	-0.13	19.34	<=30	Pass
			0	17.52	-0.13	17.39	<=30	Pass
			25	17.41	-0.13	17.28	<=30	Pass
			50	17.37	-0.13	17.24	<=30	Pass
	1770	100	0	17.40	-0.13	17.27	<=30	Pass
			0	18.85	-0.13	18.72	<=30	Pass
			50	18.79	-0.13	18.66	<=30	Pass
		1	99	19.03	-0.13	18.90	<=30	Pass
			0	17.48	-0.13	17.35	<=30	Pass
			25	17.54	-0.13	17.41	<=30	Pass
		50	50	17.68	-0.13	17.55	<=30	Pass
			0	17.60	-0.13	17.47	<=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	-28.925	-0.0169	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
					4.43	-19.412	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-18.740	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-39.282	-0.0230	-2.5 to 2.5	Pass
				-10	3.85	8.240	0.0048	-2.5 to 2.5	Pass
				0	3.85	-17.467	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-24.376	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-34.332	-0.0201	-2.5 to 2.5	Pass
				40	3.85	-35.892	-0.0210	-2.5 to 2.5	Pass
				50	3.85	0.229	0.0001	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-5.221	-0.0030	-2.5 to 2.5	Pass
					3.85	-17.495	-0.0100	-2.5 to 2.5	Pass
					4.43	-26.979	-0.0155	-2.5 to 2.5	Pass
				-30	3.85	-22.688	-0.0130	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-21.343	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-43.216	-0.0248	-2.5 to 2.5	Pass
				10	3.85	-27.308	-0.0156	-2.5 to 2.5	Pass
				30	3.85	-34.447	-0.0197	-2.5 to 2.5	Pass
				40	3.85	-10.943	-0.0063	-2.5 to 2.5	Pass
				50	3.85	1.044	0.0006	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-9.456	-0.0053	-2.5 to 2.5	Pass
					3.85	21.043	0.0118	-2.5 to 2.5	Pass
					4.43	6.366	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-27.666	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-38.409	-0.0216	-2.5 to 2.5	Pass
				-10	3.85	10.128	0.0057	-2.5 to 2.5	Pass
				0	3.85	-39.153	-0.0220	-2.5 to 2.5	Pass
				10	3.85	-36.378	-0.0204	-2.5 to 2.5	Pass
				30	3.85	-8.640	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-34.919	-0.0196	-2.5 to 2.5	Pass
				50	3.85	-16.365	-0.0092	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-32.101	-0.0188	-2.5 to 2.5	Pass
					3.85	-17.653	-0.0103	-2.5 to 2.5	Pass
					4.43	-21.901	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-19.512	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-24.433	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-23.332	-0.0136	-2.5 to 2.5	Pass
				0	3.85	2.933	0.0017	-2.5 to 2.5	Pass
				10	3.85	7.439	0.0043	-2.5 to 2.5	Pass
				30	3.85	2.432	0.0014	-2.5 to 2.5	Pass
				40	3.85	9.627	0.0056	-2.5 to 2.5	Pass
				50	3.85	1.903	0.0011	-2.5 to 2.5	Pass
	1745	6	0	20	3.27	-16.494	-0.0095	-2.5 to 2.5	Pass
					3.85	10.271	0.0059	-2.5 to 2.5	Pass
					4.43	-9.356	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-32.358	-0.0185	-2.5 to 2.5	Pass
				-20	3.85	-27.623	-0.0158	-2.5 to 2.5	Pass
				-10	3.85	6.080	0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-16.336	-0.0094	-2.5 to 2.5	Pass
				40	3.85	-30.098	-0.0172	-2.5 to 2.5	Pass
				50	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.27	-26.007	-0.0146	-2.5 to 2.5	Pass
					3.85	-25.792	-0.0145	-2.5 to 2.5	Pass
					4.43	-26.965	-0.0152	-2.5 to 2.5	Pass
				-30	3.85	-12.832	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-36.278	-0.0204	-2.5 to 2.5	Pass
				-10	3.85	-36.092	-0.0203	-2.5 to 2.5	Pass
				0	3.85	-40.369	-0.0227	-2.5 to 2.5	Pass
				10	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				40	3.85	-6.952	-0.0039	-2.5 to 2.5	Pass
				50	3.85	44.718	0.0251	-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	-17.080	-0.0100	-2.5 to 2.5	Pass
					3.85	-31.586	-0.0185	-2.5 to 2.5	Pass
					4.43	-9.627	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-27.394	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	8.926	0.0052	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-31.199	-0.0182	-2.5 to 2.5	Pass
				10	3.85	-10.643	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-35.620	-0.0208	-2.5 to 2.5	Pass
				40	3.85	-16.980	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	28.224	0.0162	-2.5 to 2.5	Pass
					3.85	9.856	0.0056	-2.5 to 2.5	Pass
					4.43	16.422	0.0094	-2.5 to 2.5	Pass
				-30	3.85	13.275	0.0076	-2.5 to 2.5	Pass
				-20	3.85	16.751	0.0096	-2.5 to 2.5	Pass
				-10	3.85	21.644	0.0124	-2.5 to 2.5	Pass
				0	3.85	6.838	0.0039	-2.5 to 2.5	Pass

16QAM				10	3.85	12.245	0.0070	-2.5 to 2.5	Pass
				30	3.85	14.749	0.0085	-2.5 to 2.5	Pass
				40	3.85	18.368	0.0105	-2.5 to 2.5	Pass
				50	3.85	4.621	0.0026	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	37.394	0.0210	-2.5 to 2.5	Pass
					3.85	24.133	0.0136	-2.5 to 2.5	Pass
					4.43	12.288	0.0069	-2.5 to 2.5	Pass
				-30	3.85	-20.227	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-25.206	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-18.883	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-39.382	-0.0221	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-16.236	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-27.280	-0.0153	-2.5 to 2.5	Pass
				50	3.85	-12.846	-0.0072	-2.5 to 2.5	Pass
	1711.5	15	0	20	3.27	-3.977	-0.0023	-2.5 to 2.5	Pass
					3.85	-12.045	-0.0070	-2.5 to 2.5	Pass
					4.43	-15.450	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-23.804	-0.0139	-2.5 to 2.5	Pass
				-20	3.85	-12.431	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-29.068	-0.0170	-2.5 to 2.5	Pass
				10	3.85	-28.825	-0.0168	-2.5 to 2.5	Pass
				30	3.85	-19.112	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-22.030	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-28.381	-0.0166	-2.5 to 2.5	Pass
	1745	15	0	20	3.27	-17.996	-0.0103	-2.5 to 2.5	Pass
					3.85	-14.162	-0.0081	-2.5 to 2.5	Pass
					4.43	-3.176	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-33.660	-0.0193	-2.5 to 2.5	Pass
				-20	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	14.563	0.0083	-2.5 to 2.5	Pass
				0	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
				10	3.85	4.478	0.0026	-2.5 to 2.5	Pass
				30	3.85	-16.379	-0.0094	-2.5 to 2.5	Pass
				40	3.85	13.762	0.0079	-2.5 to 2.5	Pass
				50	3.85	19.913	0.0114	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.27	-29.454	-0.0166	-2.5 to 2.5	Pass
					3.85	-31.686	-0.0178	-2.5 to 2.5	Pass
					4.43	-36.178	-0.0203	-2.5 to 2.5	Pass
				-30	3.85	-32.902	-0.0185	-2.5 to 2.5	Pass
				-20	3.85	-31.028	-0.0174	-2.5 to 2.5	Pass
				-10	3.85	-6.466	-0.0036	-2.5 to 2.5	Pass
				0	3.85	4.392	0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				30	3.85	14.935	0.0084	-2.5 to 2.5	Pass
				40	3.85	28.868	0.0162	-2.5 to 2.5	Pass
				50	3.85	9.713	0.0055	-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	-3.061	-0.0018	-2.5 to 2.5	Pass
					3.85	-18.568	-0.0108	-2.5 to 2.5	Pass
					4.43	-20.857	-0.0122	-2.5 to 2.5	Pass

				-30	3.85	-37.065	-0.0216	-2.5 to 2.5	Pass
				-20	3.85	-38.409	-0.0224	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-21.744	-0.0127	-2.5 to 2.5	Pass
				10	3.85	-26.994	-0.0158	-2.5 to 2.5	Pass
				30	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				40	3.85	-14.105	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-29.454	-0.0172	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	32.644	0.0187	-2.5 to 2.5	Pass
					3.85	28.124	0.0161	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-10.099	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-13.404	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-20.099	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-15.278	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				50	3.85	8.183	0.0047	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	28.367	0.0160	-2.5 to 2.5	Pass
					3.85	-17.152	-0.0096	-2.5 to 2.5	Pass
					4.43	-19.941	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-12.517	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-37.107	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-6.824	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-27.452	-0.0154	-2.5 to 2.5	Pass
				10	3.85	-13.804	-0.0078	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-27.766	-0.0162	-2.5 to 2.5	Pass
					3.85	-33.588	-0.0196	-2.5 to 2.5	Pass
					4.43	11.916	0.0070	-2.5 to 2.5	Pass
				-30	3.85	19.426	0.0113	-2.5 to 2.5	Pass
				-20	3.85	24.018	0.0140	-2.5 to 2.5	Pass
				-10	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				0	3.85	14.062	0.0082	-2.5 to 2.5	Pass
				10	3.85	18.268	0.0107	-2.5 to 2.5	Pass
	1745	25	0	20	3.27	-4.277	-0.0025	-2.5 to 2.5	Pass
					3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
					4.43	-32.630	-0.0187	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	6.638	0.0038	-2.5 to 2.5	Pass
				-10	3.85	17.481	0.0100	-2.5 to 2.5	Pass
				0	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				10	3.85	9.170	0.0053	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.27	-19.083	-0.0107	-2.5 to 2.5	Pass
					3.85	-19.999	-0.0113	-2.5 to 2.5	Pass
					4.43	-13.018	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	15.492	0.0087	-2.5 to 2.5	Pass
				-10	3.85	21.286	0.0120	-2.5 to 2.5	Pass
				0	3.85	31.829	0.0179	-2.5 to 2.5	Pass

				10	3.85	-7.367	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-8.998	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-5.550	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-28.925	-0.0163	-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	-8.898	-0.0052	-2.5 to 2.5	Pass
					3.85	-36.106	-0.0211	-2.5 to 2.5	Pass
					4.43	-22.259	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-20.399	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-16.937	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	8.254	0.0048	-2.5 to 2.5	Pass
				0	3.85	-30.727	-0.0179	-2.5 to 2.5	Pass
				10	3.85	-34.418	-0.0201	-2.5 to 2.5	Pass
				30	3.85	-24.519	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-27.080	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-28.524	-0.0166	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	0.844	0.0005	-2.5 to 2.5	Pass
					3.85	1.574	0.0009	-2.5 to 2.5	Pass
					4.43	6.938	0.0040	-2.5 to 2.5	Pass
				-30	3.85	12.774	0.0073	-2.5 to 2.5	Pass
				-20	3.85	9.384	0.0054	-2.5 to 2.5	Pass
				-10	3.85	-26.808	-0.0154	-2.5 to 2.5	Pass
				0	3.85	-10.071	-0.0058	-2.5 to 2.5	Pass
				10	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				40	3.85	5.035	0.0029	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	9.799	0.0055	-2.5 to 2.5	Pass
					3.85	-18.411	-0.0104	-2.5 to 2.5	Pass
					4.43	-19.512	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-10.171	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-8.841	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-8.225	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-14.548	-0.0082	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-17.052	-0.0096	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-26.608	-0.0155	-2.5 to 2.5	Pass
					3.85	-27.108	-0.0158	-2.5 to 2.5	Pass
					4.43	-36.564	-0.0213	-2.5 to 2.5	Pass
				-30	3.85	-23.332	-0.0136	-2.5 to 2.5	Pass
				-20	3.85	-18.768	-0.0109	-2.5 to 2.5	Pass
				-10	3.85	-17.595	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-16.809	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-32.401	-0.0189	-2.5 to 2.5	Pass
				30	3.85	-23.546	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-22.759	-0.0133	-2.5 to 2.5	Pass
				50	3.85	-20.928	-0.0122	-2.5 to 2.5	Pass
	1745	50	0	20	3.27	2.203	0.0013	-2.5 to 2.5	Pass
					3.85	12.159	0.0070	-2.5 to 2.5	Pass
					4.43	23.074	0.0132	-2.5 to 2.5	Pass

				-30	3.85	30.141	0.0173	-2.5 to 2.5	Pass
				-20	3.85	20.943	0.0120	-2.5 to 2.5	Pass
				-10	3.85	34.103	0.0195	-2.5 to 2.5	Pass
				0	3.85	10.371	0.0059	-2.5 to 2.5	Pass
				10	3.85	12.832	0.0074	-2.5 to 2.5	Pass
				30	3.85	20.700	0.0119	-2.5 to 2.5	Pass
				40	3.85	9.699	0.0056	-2.5 to 2.5	Pass
				50	3.85	11.086	0.0064	-2.5 to 2.5	Pass
	1775	50	0	20	3.27	-15.264	-0.0086	-2.5 to 2.5	Pass
					3.85	-14.720	-0.0083	-2.5 to 2.5	Pass
					4.43	-27.151	-0.0153	-2.5 to 2.5	Pass
				-30	3.85	-17.824	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-22.602	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-8.583	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-20.571	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-19.627	-0.0111	-2.5 to 2.5	Pass
				40	3.85	-13.819	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-10.743	-0.0061	-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	-16.966	-0.0099	-2.5 to 2.5	Pass
					3.85	-18.096	-0.0105	-2.5 to 2.5	Pass
					4.43	-21.658	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	1.988	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-19.555	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-23.375	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-29.855	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-12.174	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-15.335	-0.0089	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	4.506	0.0026	-2.5 to 2.5	Pass
					3.85	5.035	0.0029	-2.5 to 2.5	Pass
					4.43	8.926	0.0051	-2.5 to 2.5	Pass
				-30	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	7.710	0.0044	-2.5 to 2.5	Pass
				-10	3.85	5.279	0.0030	-2.5 to 2.5	Pass
				0	3.85	9.313	0.0053	-2.5 to 2.5	Pass
				10	3.85	19.169	0.0110	-2.5 to 2.5	Pass
				30	3.85	11.129	0.0064	-2.5 to 2.5	Pass
				40	3.85	19.441	0.0111	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	0.687	0.0004	-2.5 to 2.5	Pass
					3.85	-26.021	-0.0147	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-22.817	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-31.800	-0.0179	-2.5 to 2.5	Pass
				-10	3.85	3.920	0.0022	-2.5 to 2.5	Pass
				0	3.85	5.665	0.0032	-2.5 to 2.5	Pass
				10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-37.107	-0.0209	-2.5 to 2.5	Pass
				40	3.85	-23.217	-0.0131	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				20	3.27	-20.485	-0.0119	-2.5 to 2.5	Pass
					3.85	5.407	0.0031	-2.5 to 2.5	Pass
				-30	4.43	2.847	0.0017	-2.5 to 2.5	Pass
					3.85	-8.469	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-15.979	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-13.762	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-13.390	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-13.289	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-9.570	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-15.750	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-16.994	-0.0099	-2.5 to 2.5	Pass
	1745	75	0	20	3.27	4.778	0.0027	-2.5 to 2.5	Pass
					3.85	23.704	0.0136	-2.5 to 2.5	Pass
				-30	4.43	7.939	0.0045	-2.5 to 2.5	Pass
					3.85	-14.777	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	25.907	0.0148	-2.5 to 2.5	Pass
				-10	3.85	37.165	0.0213	-2.5 to 2.5	Pass
				0	3.85	35.748	0.0205	-2.5 to 2.5	Pass
				10	3.85	-24.190	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-15.135	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				50	3.85	4.935	0.0028	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.27	1.101	0.0006	-2.5 to 2.5	Pass
					3.85	12.803	0.0072	-2.5 to 2.5	Pass
				-30	4.43	22.187	0.0125	-2.5 to 2.5	Pass
					3.85	28.338	0.0160	-2.5 to 2.5	Pass
				-20	3.85	21.815	0.0123	-2.5 to 2.5	Pass
				-10	3.85	28.224	0.0159	-2.5 to 2.5	Pass
				0	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.506	0.0025	-2.5 to 2.5	Pass
				30	3.85	-7.739	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-16.508	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0022	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-12.174	-0.0071	-2.5 to 2.5	Pass
					3.85	-31.614	-0.0184	-2.5 to 2.5	Pass
				-30	4.43	-38.481	-0.0224	-2.5 to 2.5	Pass
					3.85	-31.257	-0.0182	-2.5 to 2.5	Pass
				-20	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-18.125	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-9.170	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-18.768	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-28.453	-0.0165	-2.5 to 2.5	Pass
				40	3.85	-26.479	-0.0154	-2.5 to 2.5	Pass
				50	3.85	5.407	0.0031	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	14.791	0.0085	-2.5 to 2.5	Pass
					3.85	-18.053	-0.0103	-2.5 to 2.5	Pass
				-30	4.43	15.106	0.0087	-2.5 to 2.5	Pass
					3.85	10.586	0.0061	-2.5 to 2.5	Pass
				-20	3.85	26.307	0.0151	-2.5 to 2.5	Pass
				-10	3.85	42.458	0.0243	-2.5 to 2.5	Pass

				0	3.85	29.182	0.0167	-2.5 to 2.5	Pass
				10	3.85	-31.328	-0.0180	-2.5 to 2.5	Pass
				30	3.85	-12.832	-0.0074	-2.5 to 2.5	Pass
				40	3.85	5.922	0.0034	-2.5 to 2.5	Pass
				50	3.85	32.315	0.0185	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	30.327	0.0171	-2.5 to 2.5	Pass
					3.85	-24.018	-0.0136	-2.5 to 2.5	Pass
					4.43	-19.813	-0.0112	-2.5 to 2.5	Pass
					4.43	-19.813	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-27.180	-0.0154	-2.5 to 2.5	Pass
				-20	3.85	-26.078	-0.0147	-2.5 to 2.5	Pass
				-10	3.85	-12.145	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-15.450	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-14.391	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-24.176	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-24.676	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-21.729	-0.0123	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-6.495	-0.0038	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
					4.43	11.358	0.0066	-2.5 to 2.5	Pass
					4.43	11.358	0.0066	-2.5 to 2.5	Pass
				-30	3.85	25.921	0.0151	-2.5 to 2.5	Pass
				-20	3.85	28.038	0.0163	-2.5 to 2.5	Pass
				-10	3.85	19.326	0.0112	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				30	3.85	6.166	0.0036	-2.5 to 2.5	Pass
				40	3.85	-9.370	-0.0054	-2.5 to 2.5	Pass
				50	3.85	1.945	0.0011	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-29.140	-0.0167	-2.5 to 2.5	Pass
					3.85	16.222	0.0093	-2.5 to 2.5	Pass
					4.43	19.884	0.0114	-2.5 to 2.5	Pass
					4.43	19.884	0.0114	-2.5 to 2.5	Pass
				-30	3.85	20.027	0.0115	-2.5 to 2.5	Pass
				-20	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				-10	3.85	24.762	0.0142	-2.5 to 2.5	Pass
				0	3.85	13.490	0.0077	-2.5 to 2.5	Pass
				10	3.85	6.566	0.0038	-2.5 to 2.5	Pass
				30	3.85	18.082	0.0104	-2.5 to 2.5	Pass
				40	3.85	18.611	0.0107	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0010	-2.5 to 2.5	Pass
	1770	100	0	20	3.27	-21.744	-0.0123	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
					4.43	-16.580	-0.0094	-2.5 to 2.5	Pass
					4.43	-16.580	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-13.819	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-3.805	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	10.128	0.0057	-2.5 to 2.5	Pass
				10	3.85	7.539	0.0043	-2.5 to 2.5	Pass
				30	3.85	-10.371	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-11.845	-0.0067	-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

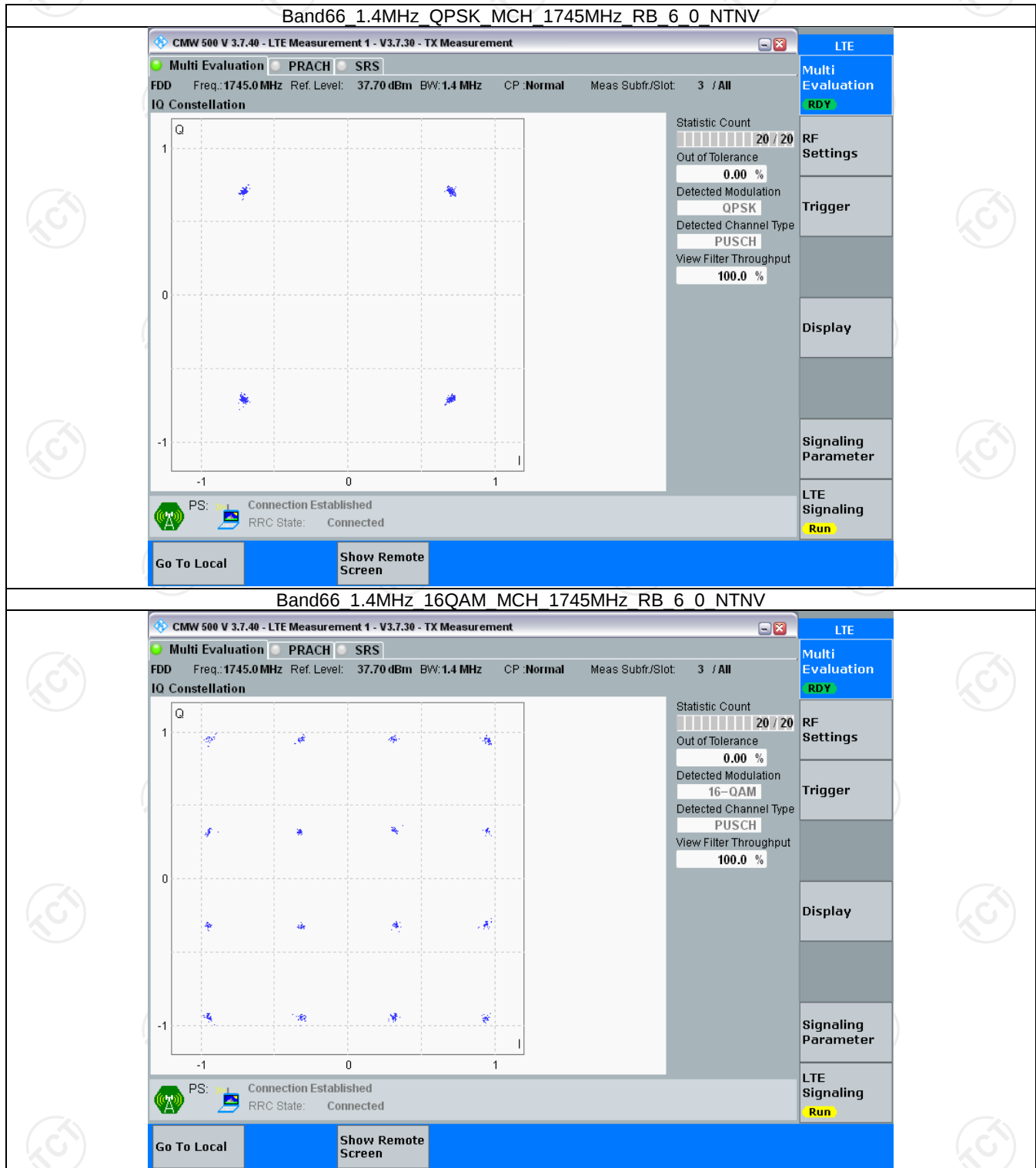
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

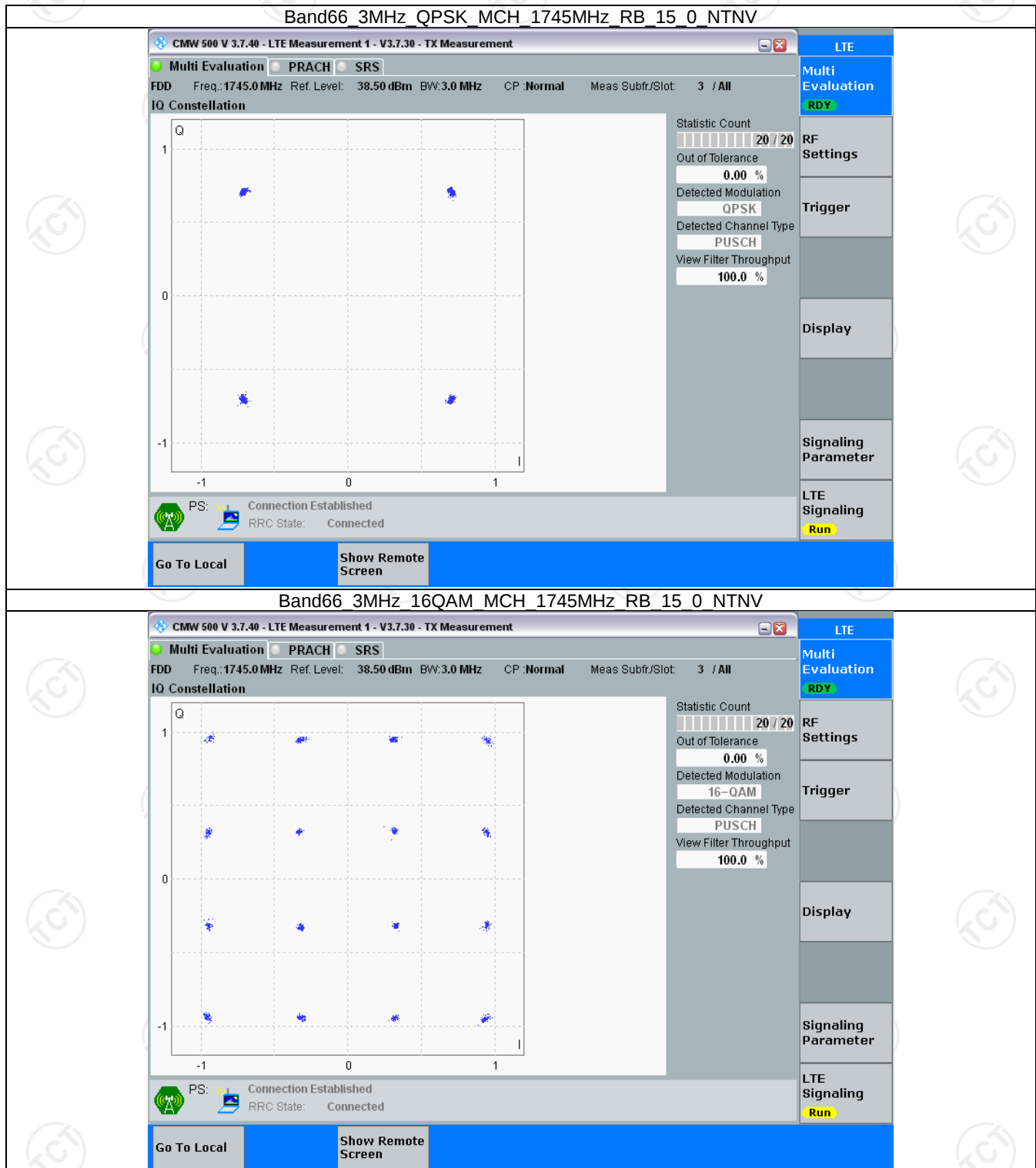
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

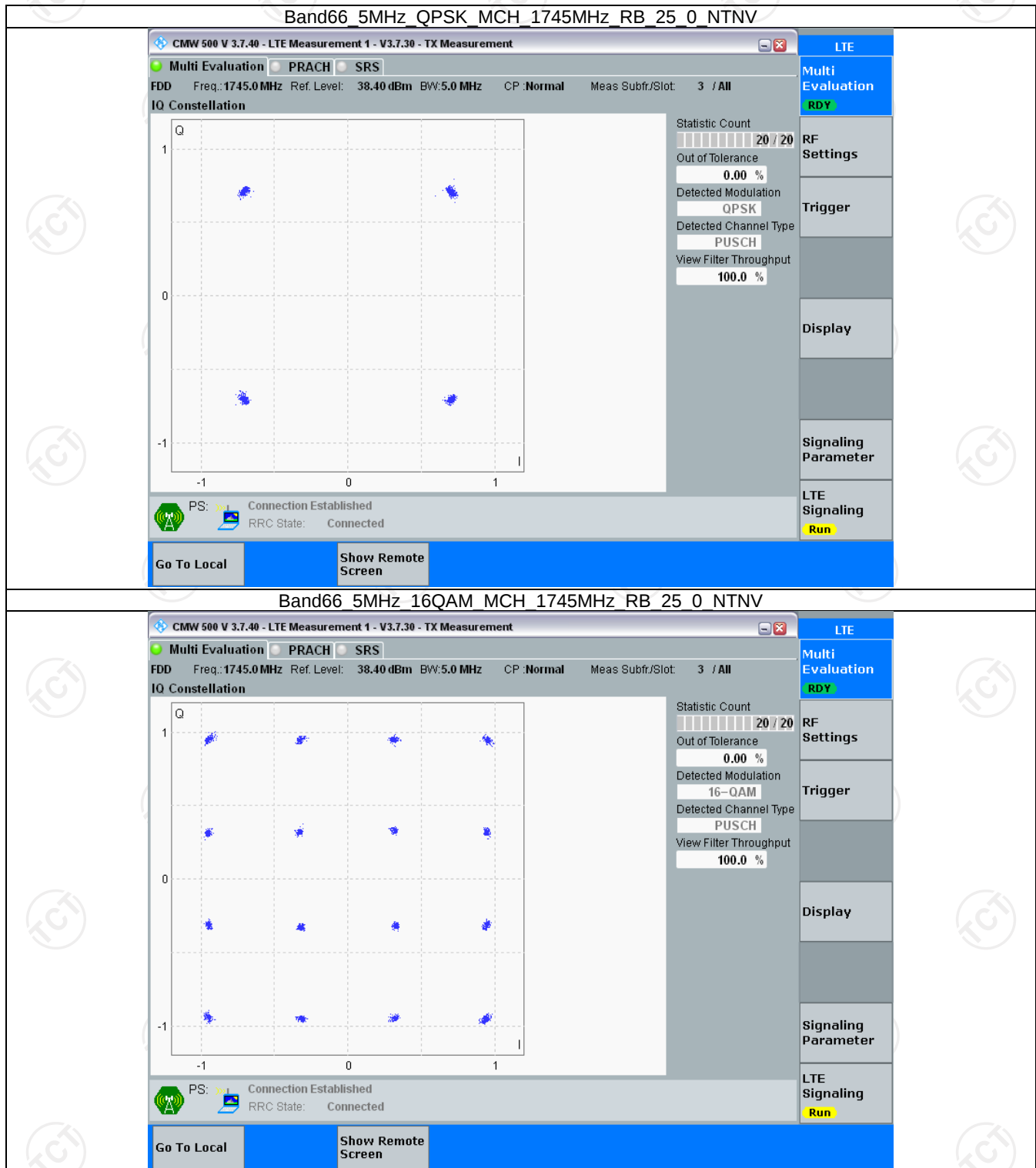
3.2.1 B66_1.4MHz



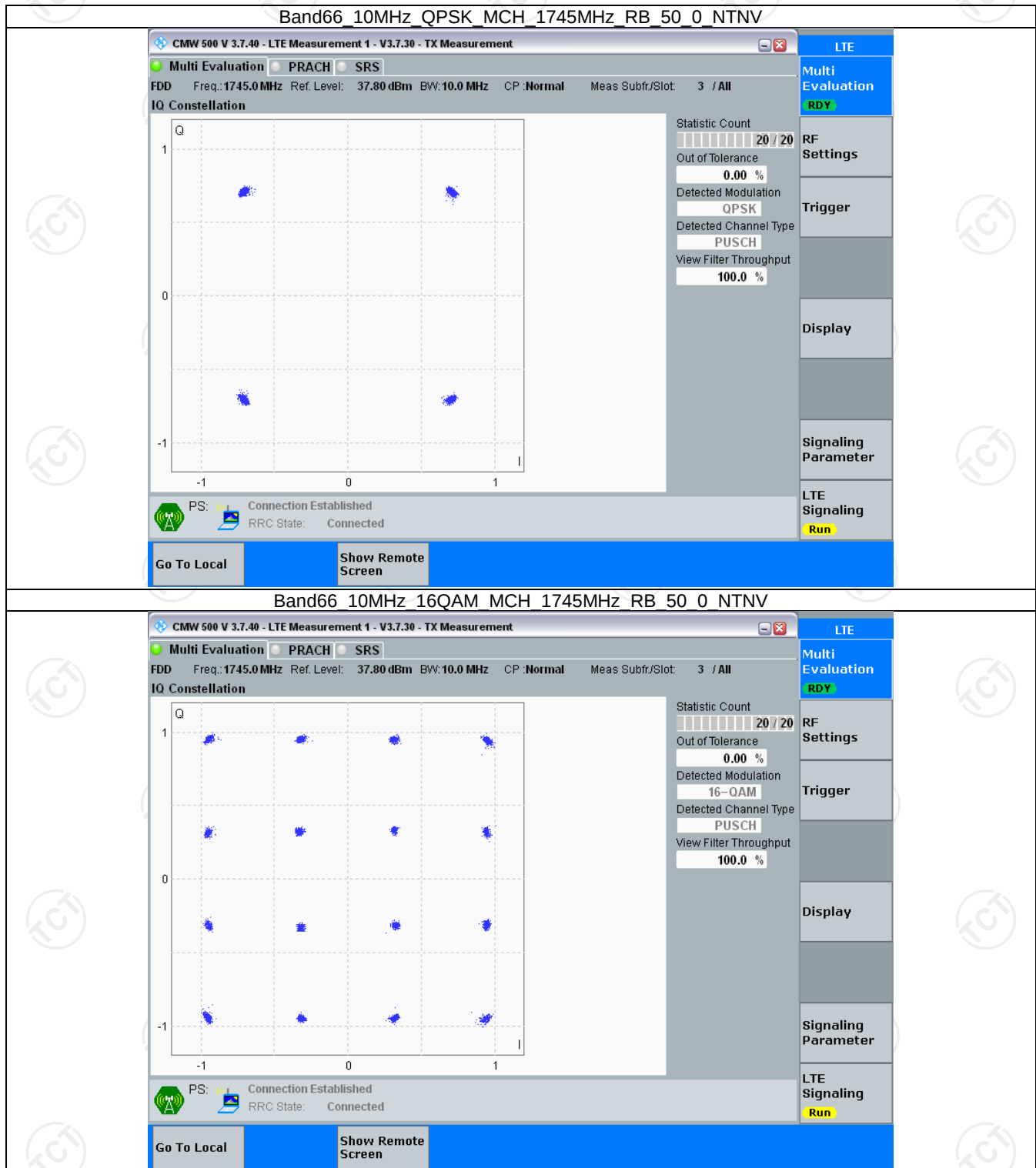
3.2.2 B66_3MHz



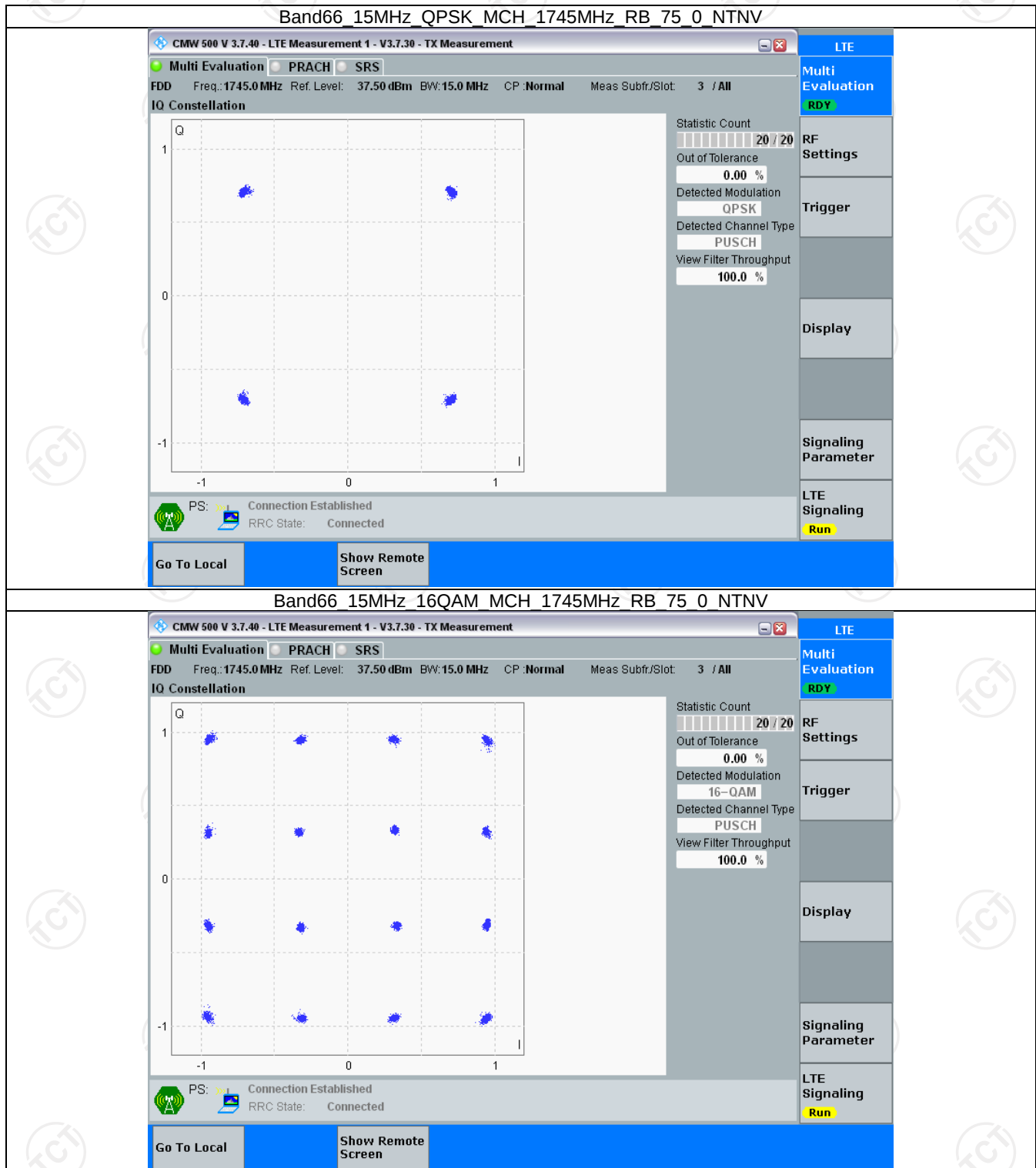
3.2.3 B66_5MHz



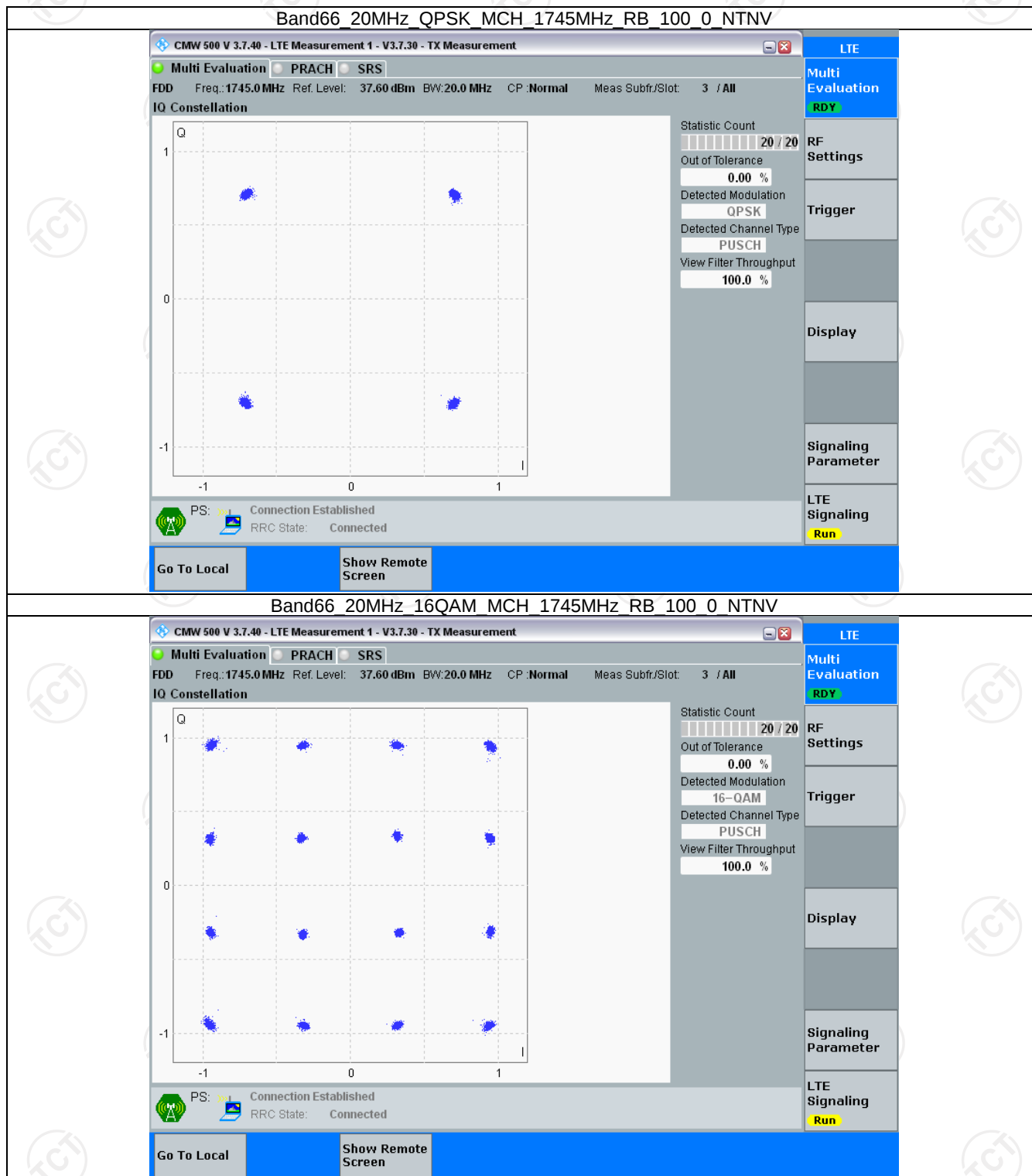
3.2.4 B66_10MHz



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	1.107	/	Pass
		1745	6	0	1.115	/	Pass
		1779.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.109	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.111	/	Pass
3	QPSK	1711.5	15	0	2.761	/	Pass
		1745	15	0	2.757	/	Pass
		1778.5	15	0	2.751	/	Pass
	16QAM	1711.5	15	0	2.755	/	Pass
		1745	15	0	2.750	/	Pass
		1778.5	15	0	2.764	/	Pass
5	QPSK	1712.5	25	0	4.546	/	Pass
		1745	25	0	4.544	/	Pass
		1777.5	25	0	4.576	/	Pass
	16QAM	1712.5	25	0	4.556	/	Pass
		1745	25	0	4.561	/	Pass
		1777.5	25	0	4.566	/	Pass
10	QPSK	1715	50	0	9.056	/	Pass
		1745	50	0	9.059	/	Pass
		1775	50	0	9.076	/	Pass
	16QAM	1715	50	0	9.049	/	Pass
		1745	50	0	9.053	/	Pass
		1775	50	0	9.081	/	Pass
15	QPSK	1717.5	75	0	13.534	/	Pass
		1745	75	0	13.592	/	Pass
		1772.5	75	0	13.643	/	Pass
	16QAM	1717.5	75	0	13.611	/	Pass
		1745	75	0	13.610	/	Pass
		1772.5	75	0	13.562	/	Pass
20	QPSK	1720	100	0	18.173	/	Pass
		1745	100	0	18.113	/	Pass
		1770	100	0	18.202	/	Pass
	16QAM	1720	100	0	18.147	/	Pass
		1745	100	0	18.137	/	Pass
		1770	100	0	18.249	/	Pass

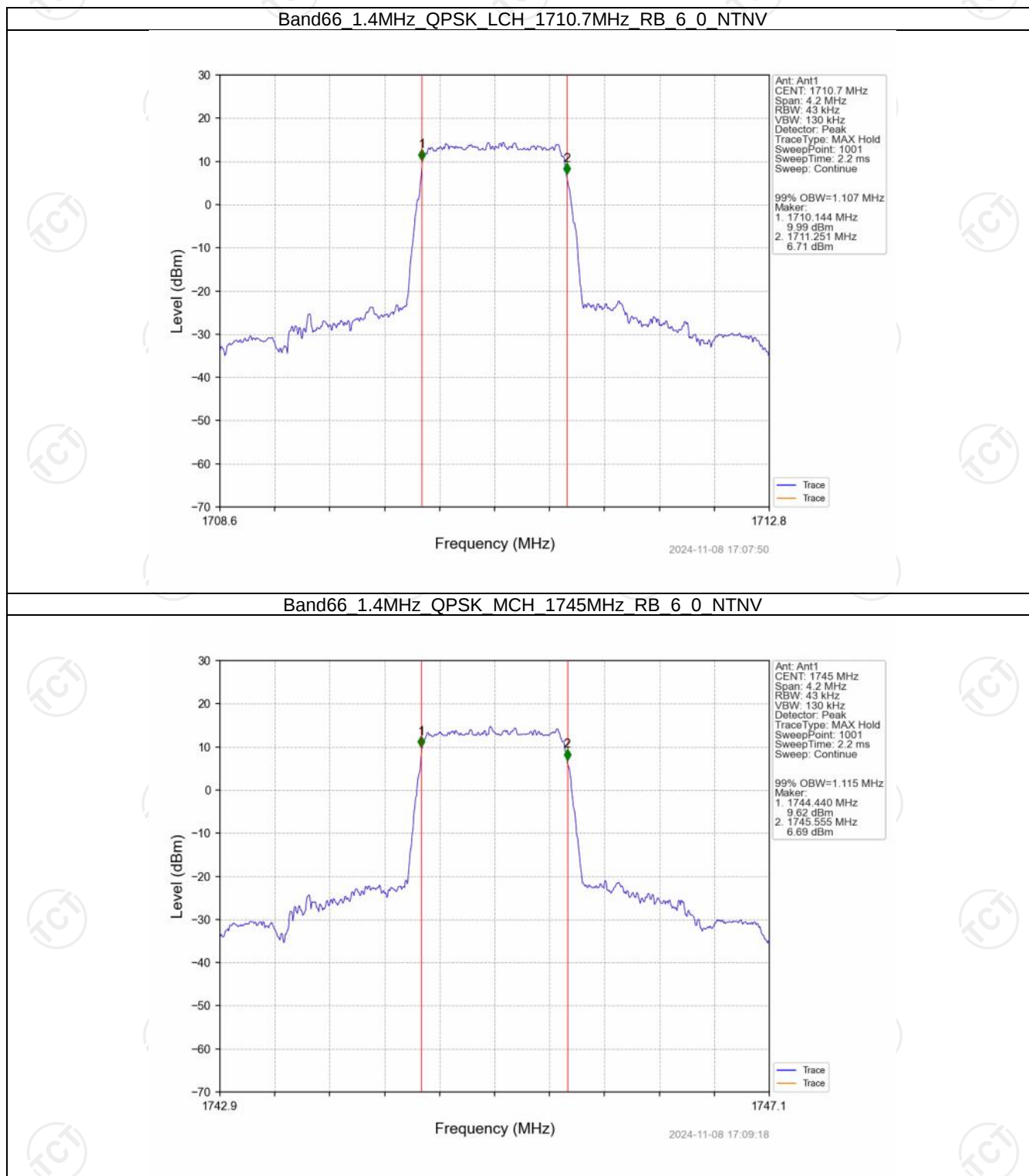
4.1.2 Band66_XDB

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	1.274	/	Pass
		1745	6	0	1.269	/	Pass
		1779.3	6	0	1.277	/	Pass

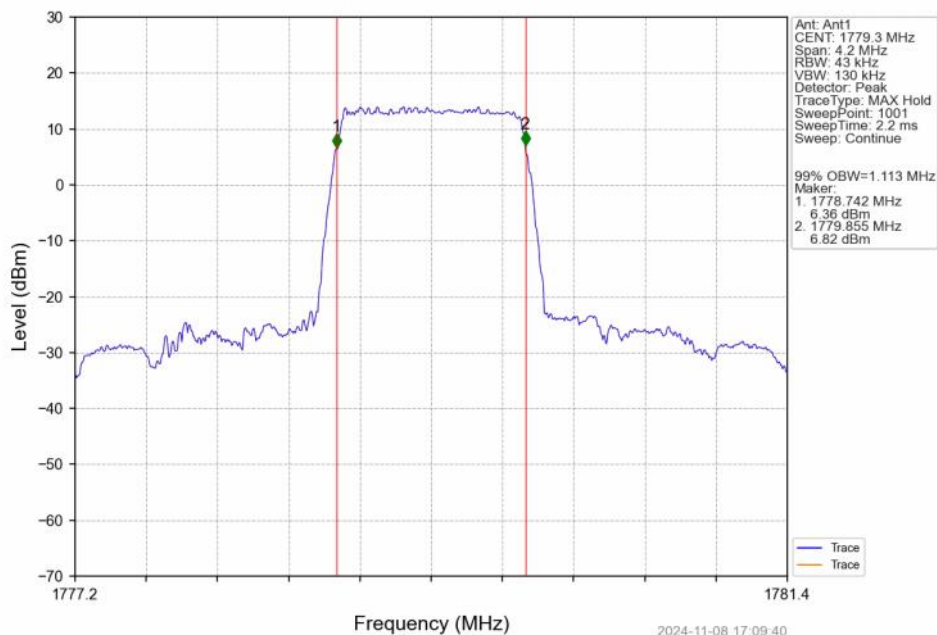
	16QAM	1710.7	6	0	1.272	/	Pass
		1745	6	0	1.270	/	Pass
		1779.3	6	0	1.268	/	Pass
3	QPSK	1711.5	15	0	3.096	/	Pass
		1745	15	0	3.088	/	Pass
		1778.5	15	0	3.113	/	Pass
	16QAM	1711.5	15	0	3.129	/	Pass
		1745	15	0	3.088	/	Pass
		1778.5	15	0	3.114	/	Pass
5	QPSK	1712.5	25	0	5.085	/	Pass
		1745	25	0	5.064	/	Pass
		1777.5	25	0	5.050	/	Pass
	16QAM	1712.5	25	0	5.049	/	Pass
		1745	25	0	5.061	/	Pass
		1777.5	25	0	5.049	/	Pass
10	QPSK	1715	50	0	10.058	/	Pass
		1745	50	0	10.117	/	Pass
		1775	50	0	10.019	/	Pass
	16QAM	1715	50	0	10.110	/	Pass
		1745	50	0	10.043	/	Pass
		1775	50	0	10.051	/	Pass
15	QPSK	1717.5	75	0	14.474	/	Pass
		1745	75	0	15.247	/	Pass
		1772.5	75	0	15.224	/	Pass
	16QAM	1717.5	75	0	15.195	/	Pass
		1745	75	0	15.183	/	Pass
		1772.5	75	0	14.563	/	Pass
20	QPSK	1720	100	0	20.047	/	Pass
		1745	100	0	19.961	/	Pass
		1770	100	0	20.001	/	Pass
	16QAM	1720	100	0	20.075	/	Pass
		1745	100	0	19.992	/	Pass
		1770	100	0	20.061	/	Pass

4.2 Test Graph

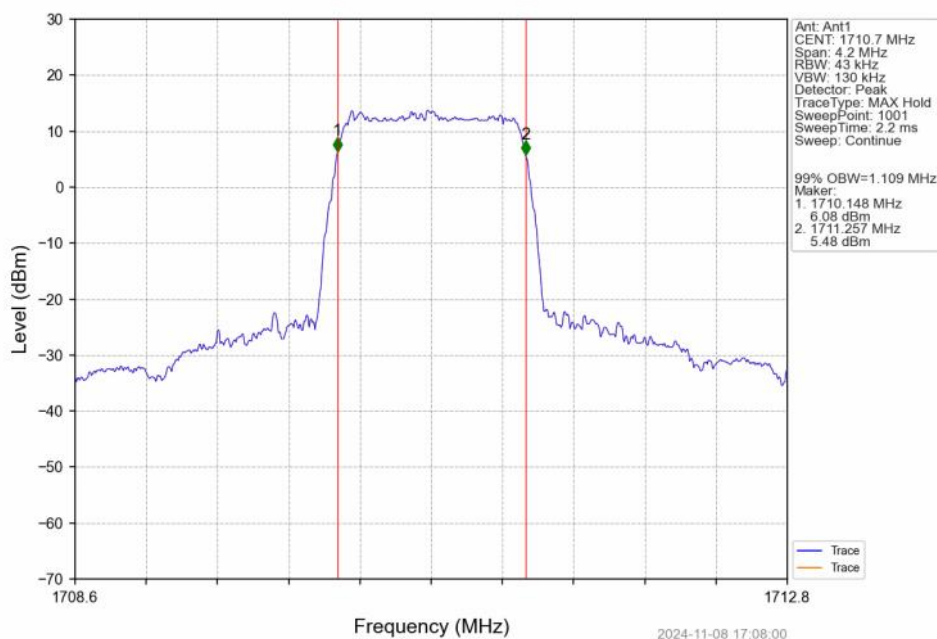
4.2.1 Band66_OBW



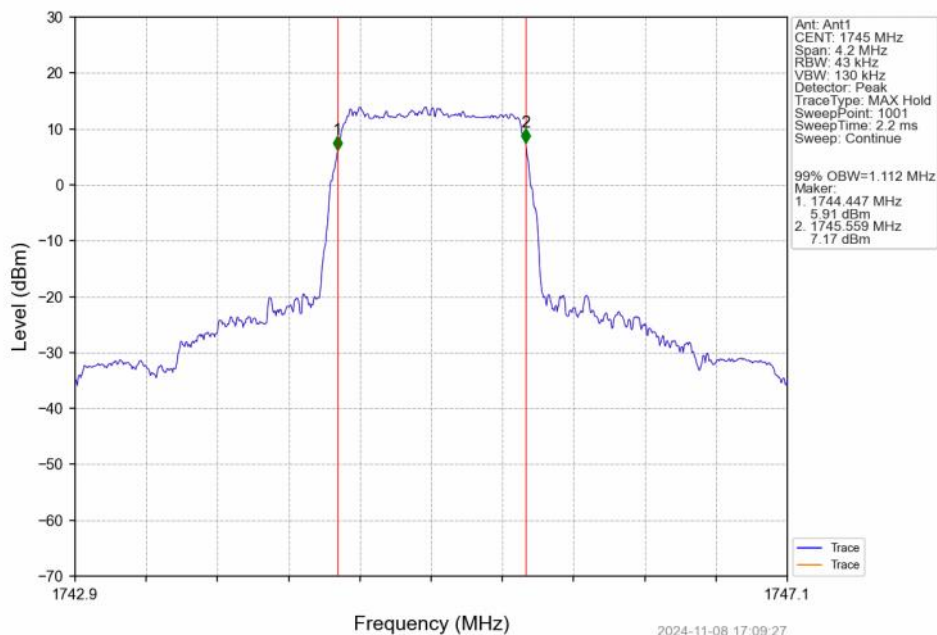
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



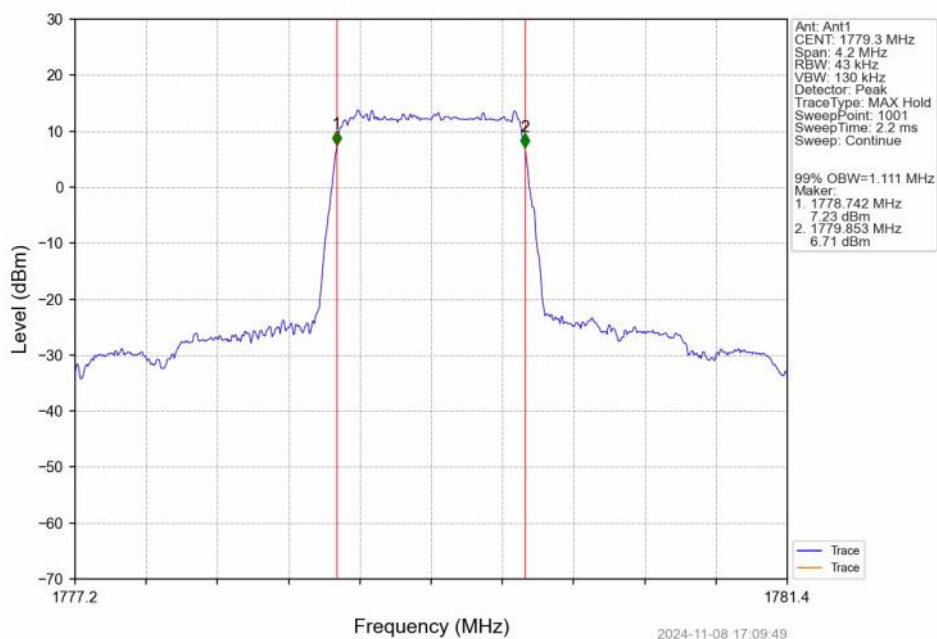
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



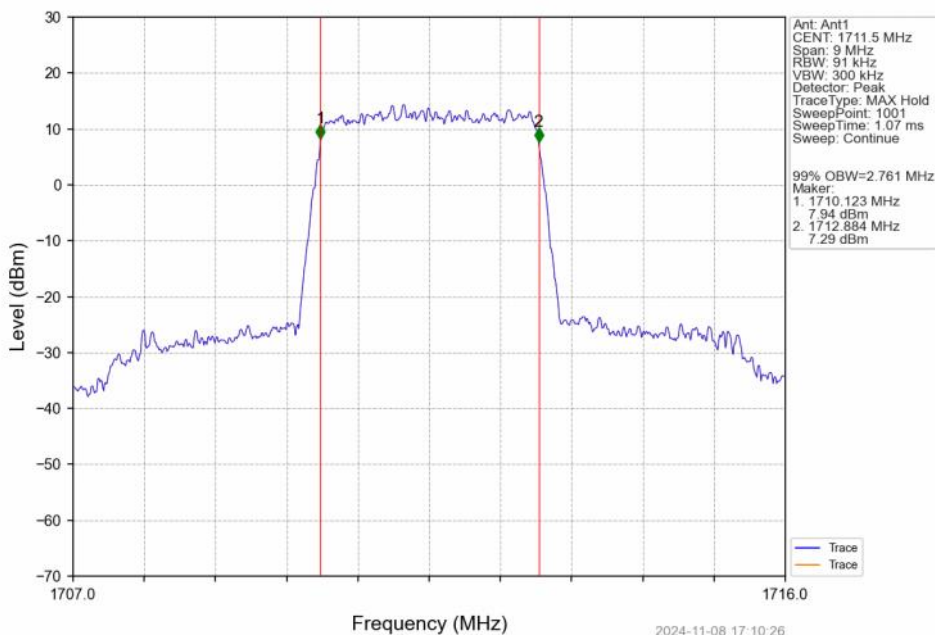
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



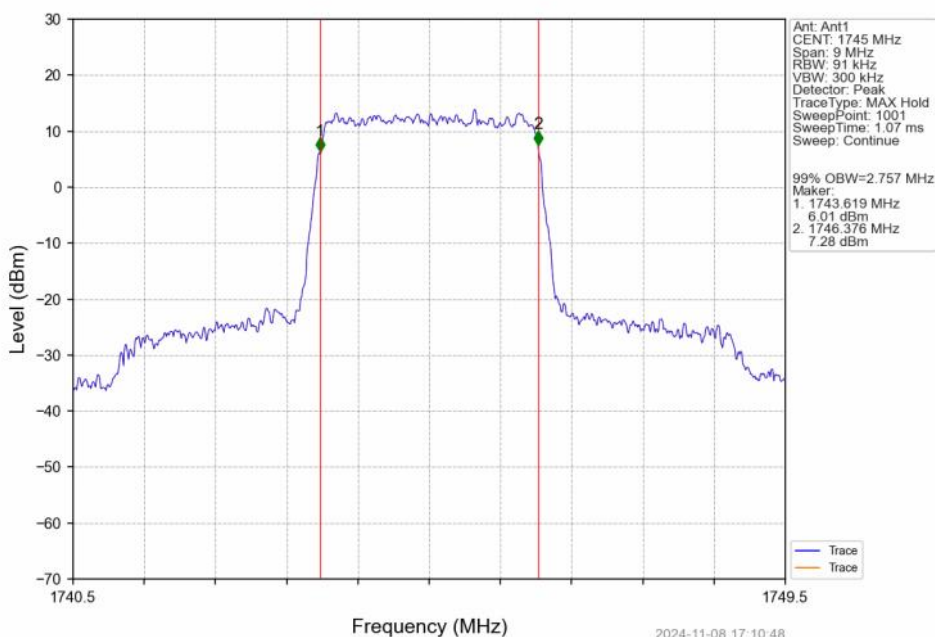
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



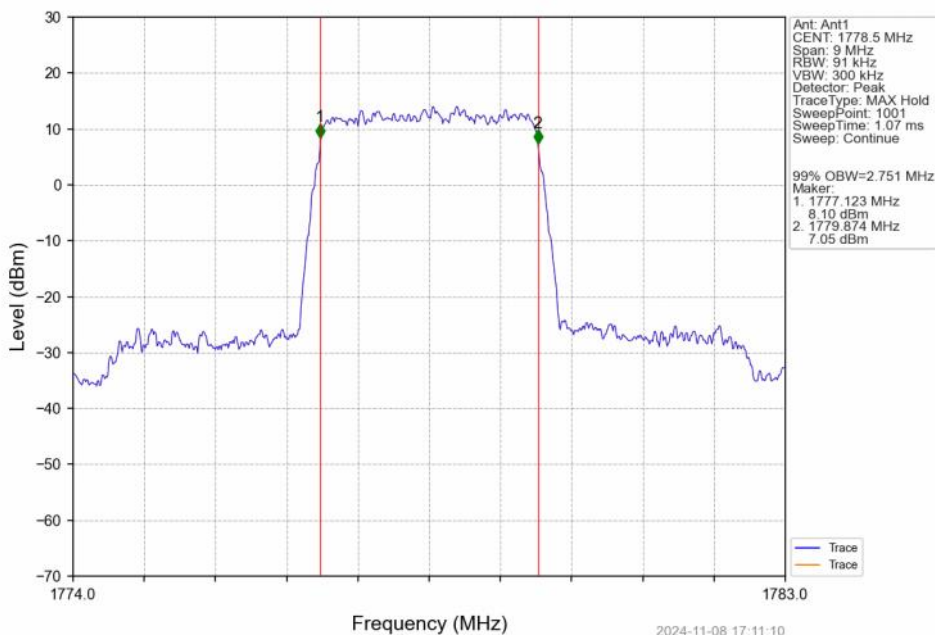
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



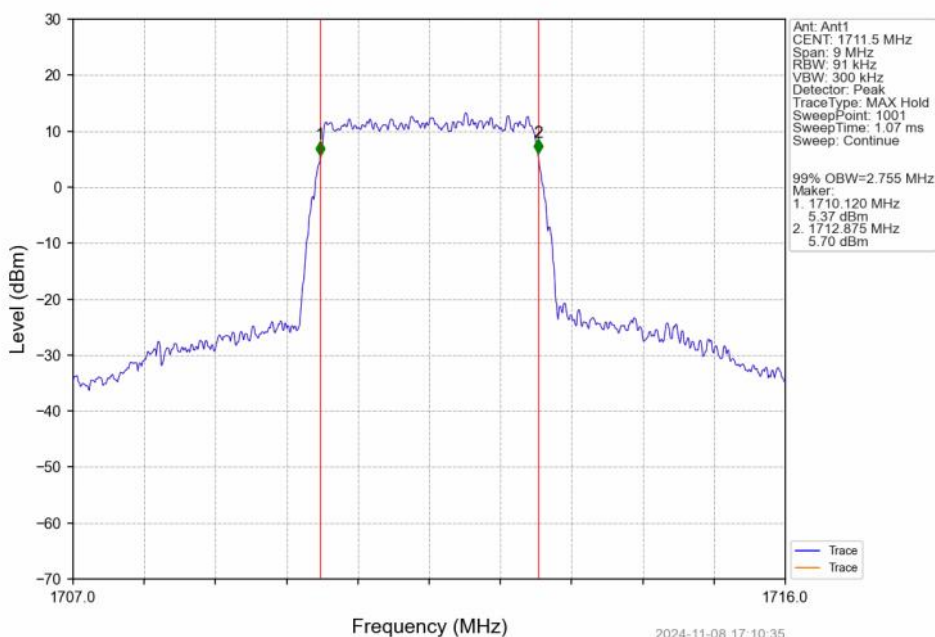
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



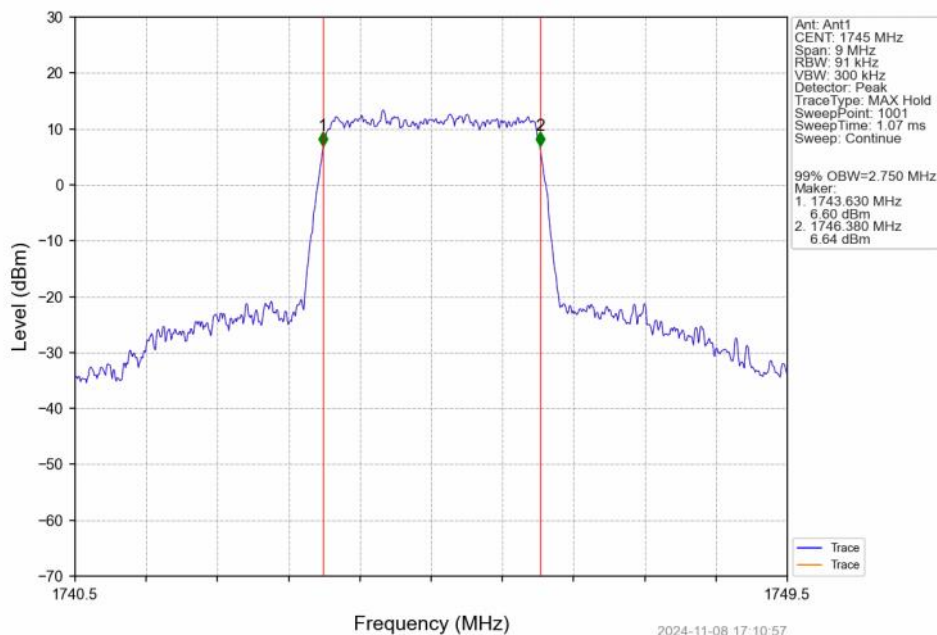
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



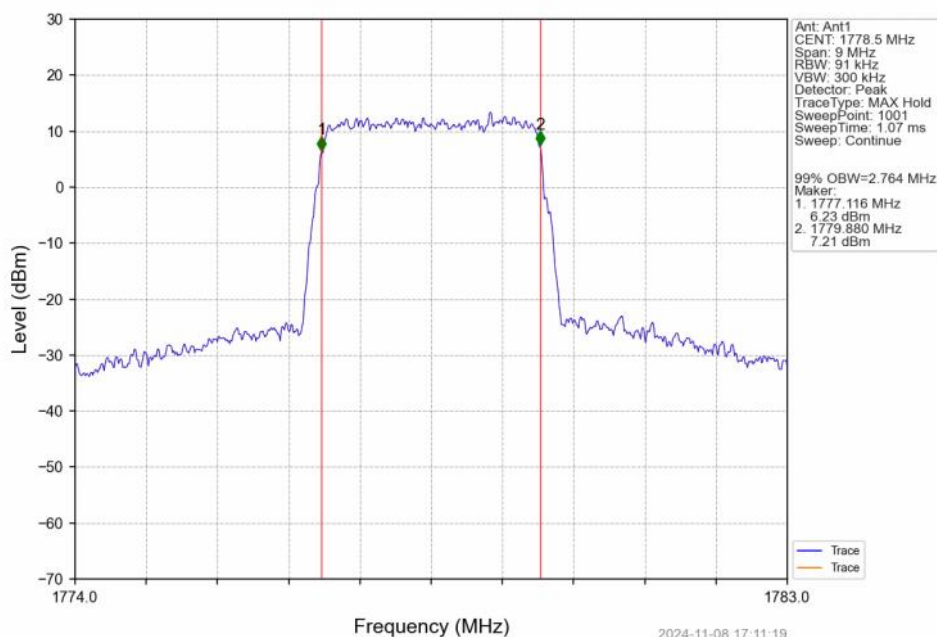
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



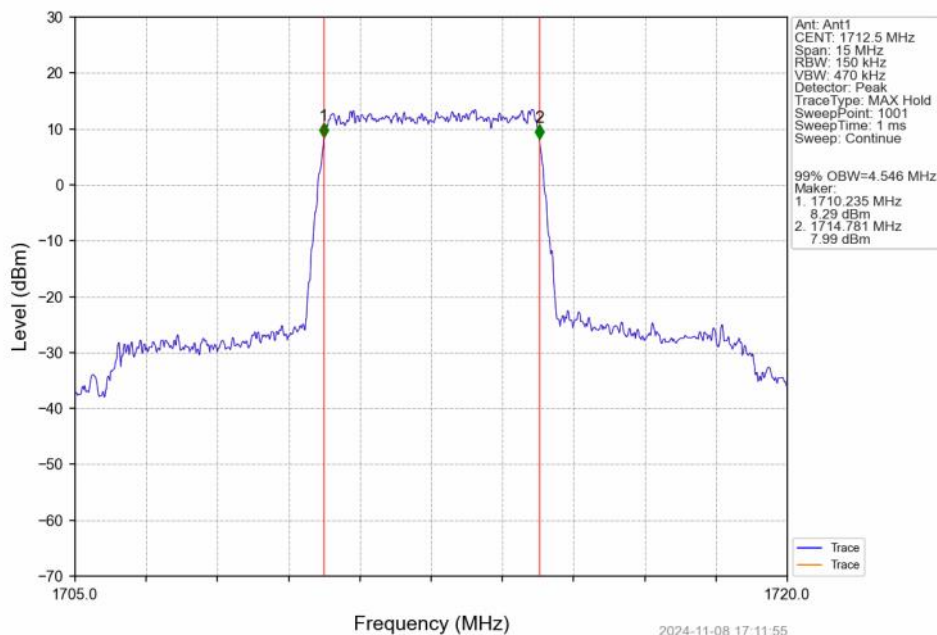
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



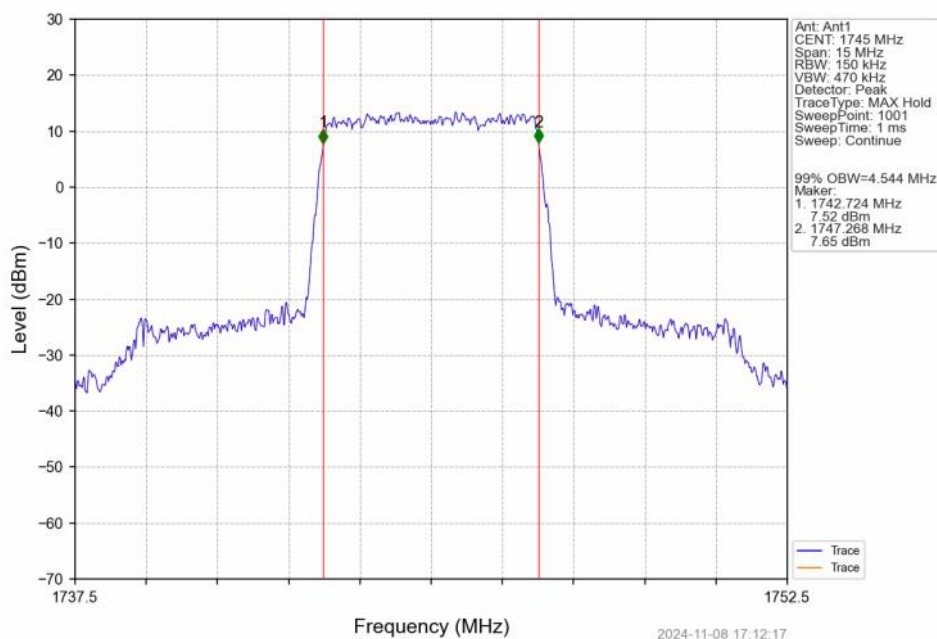
Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



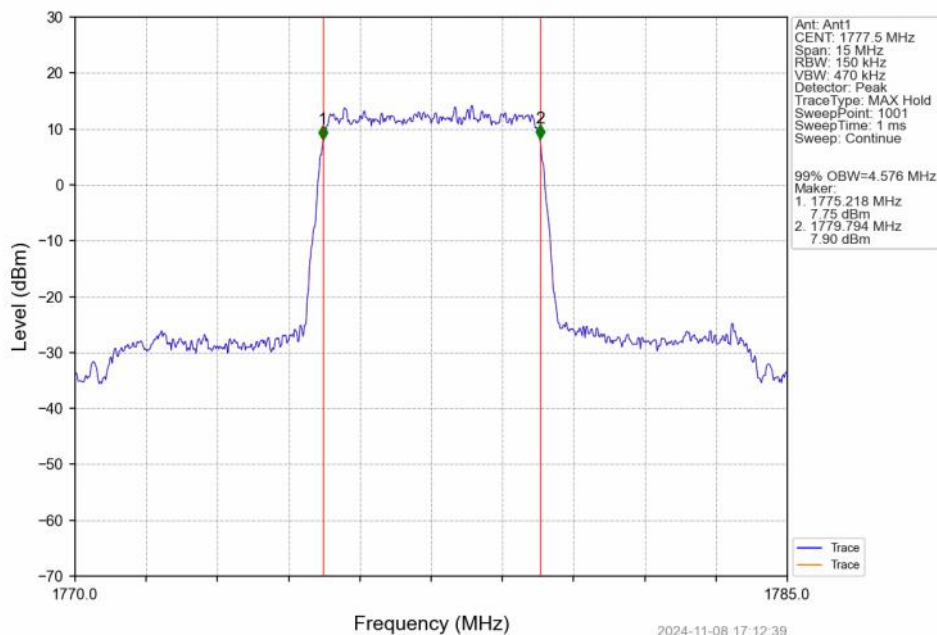
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



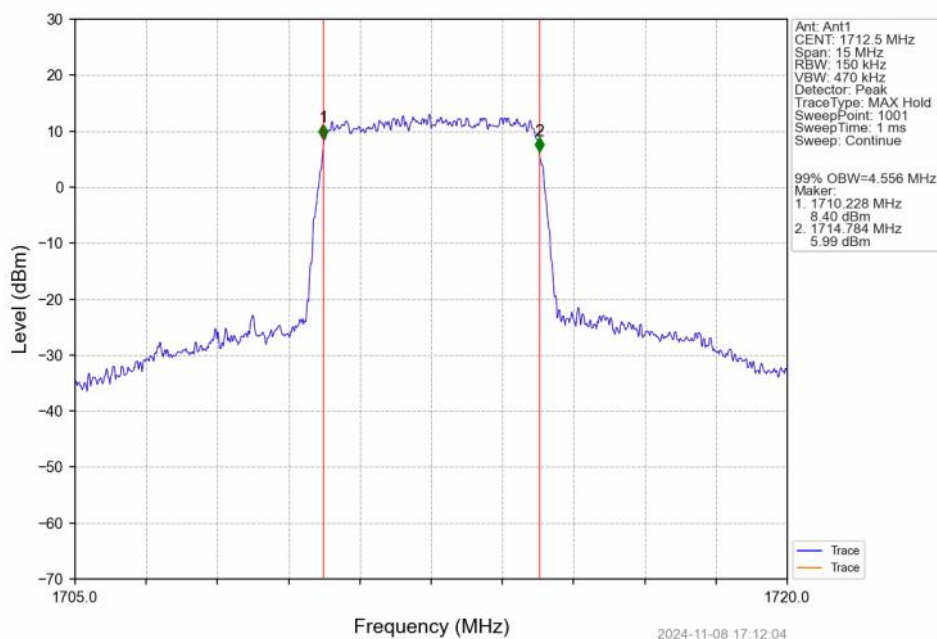
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



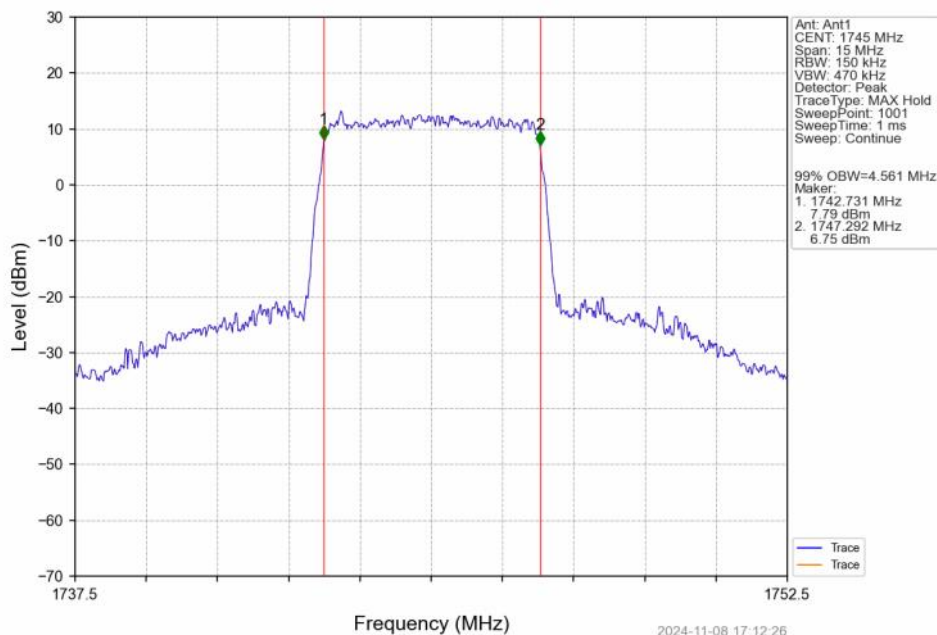
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



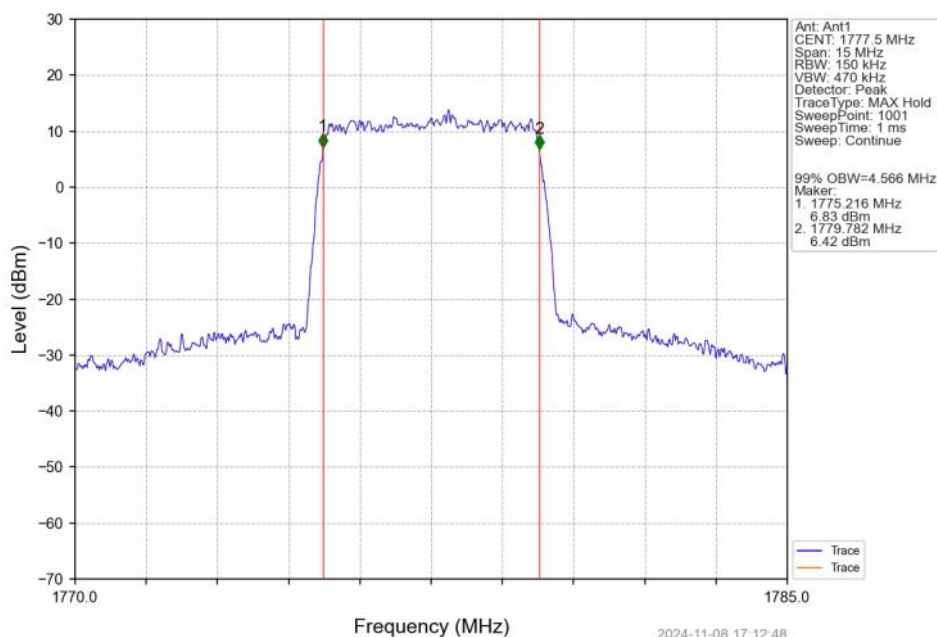
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



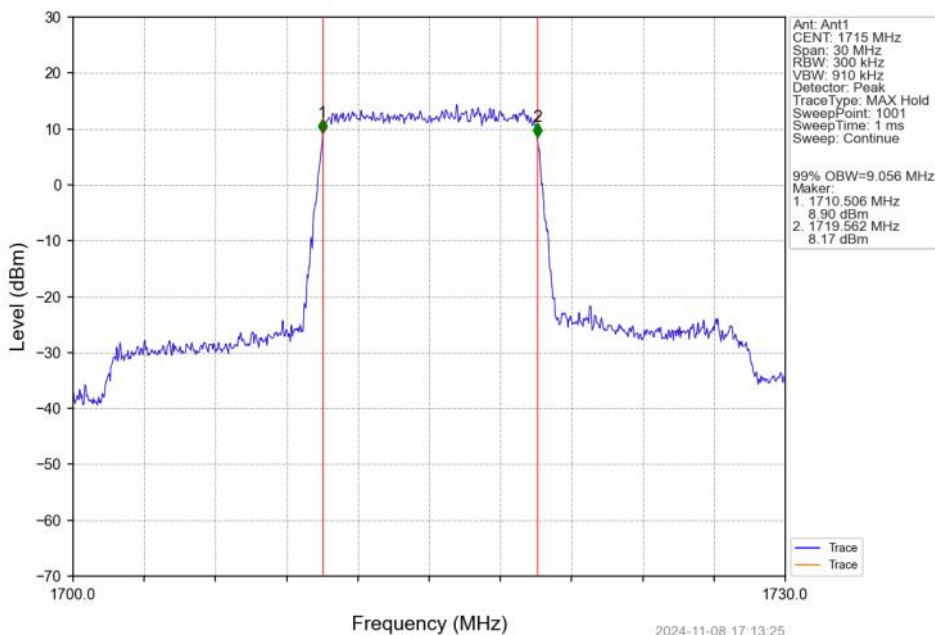
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



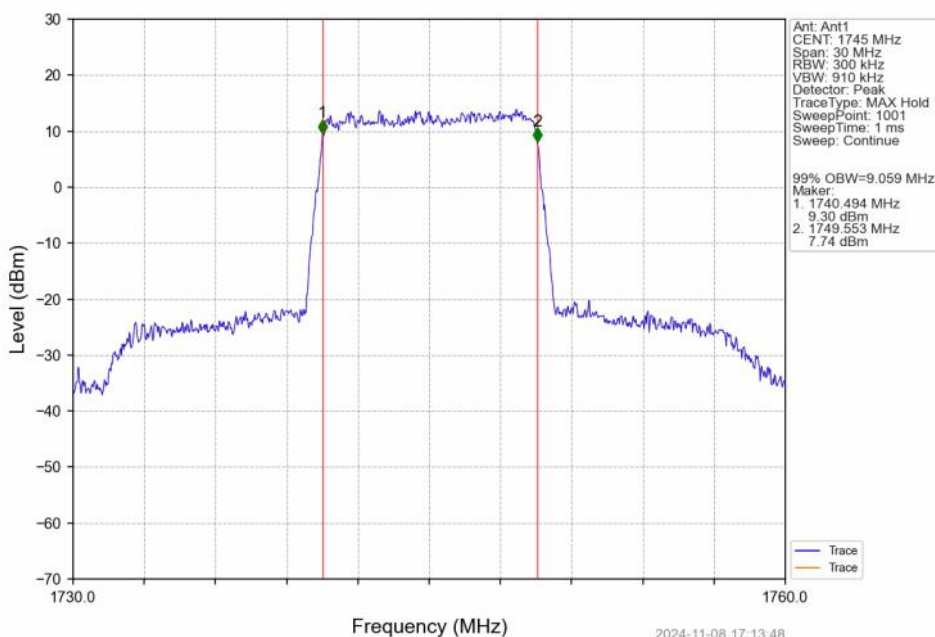
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



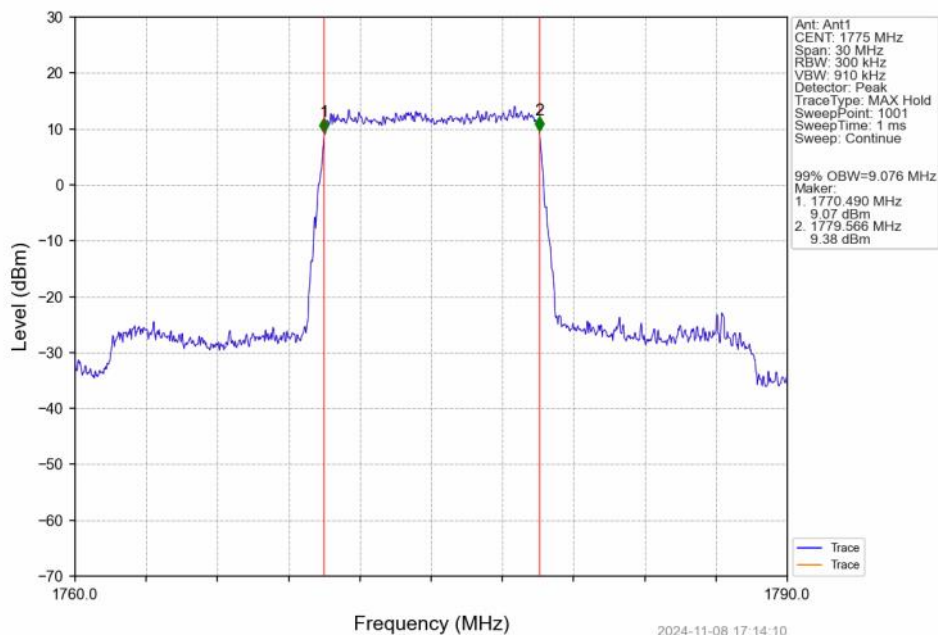
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



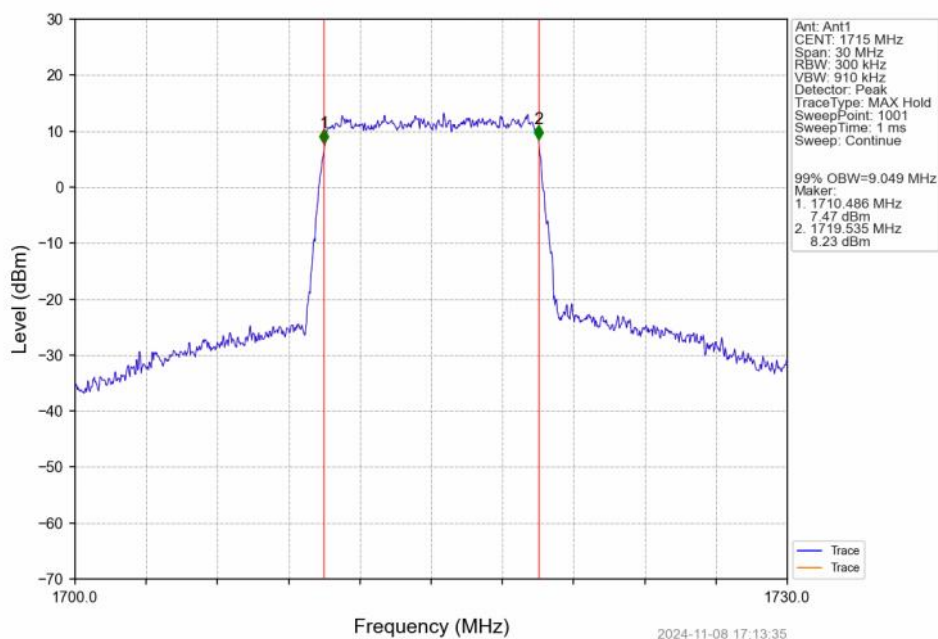
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



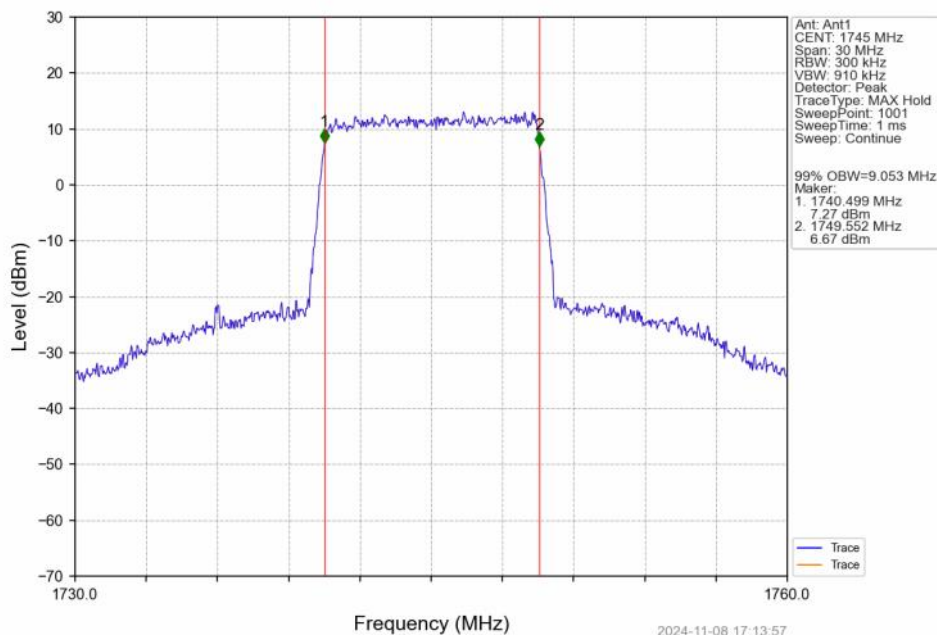
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



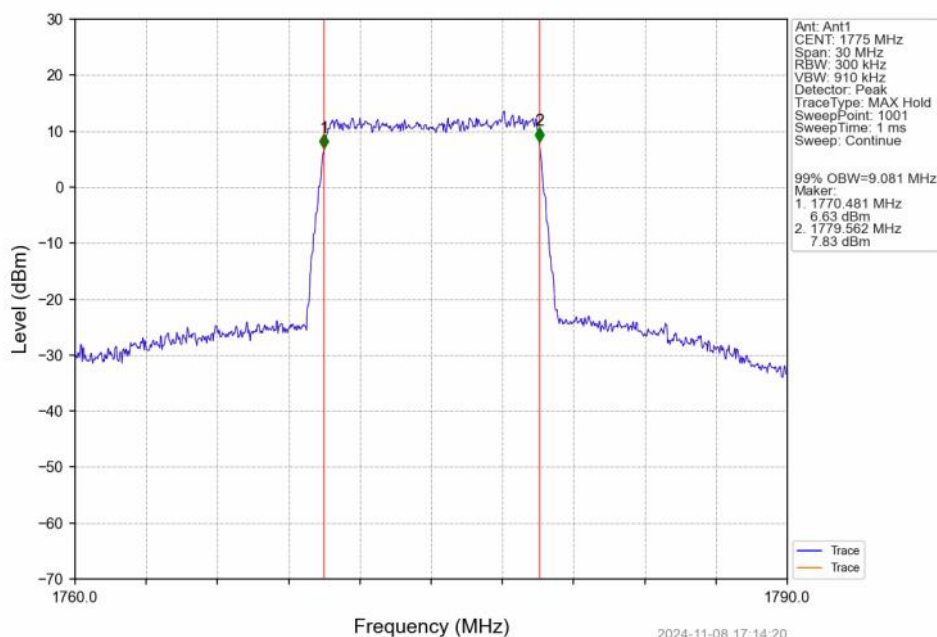
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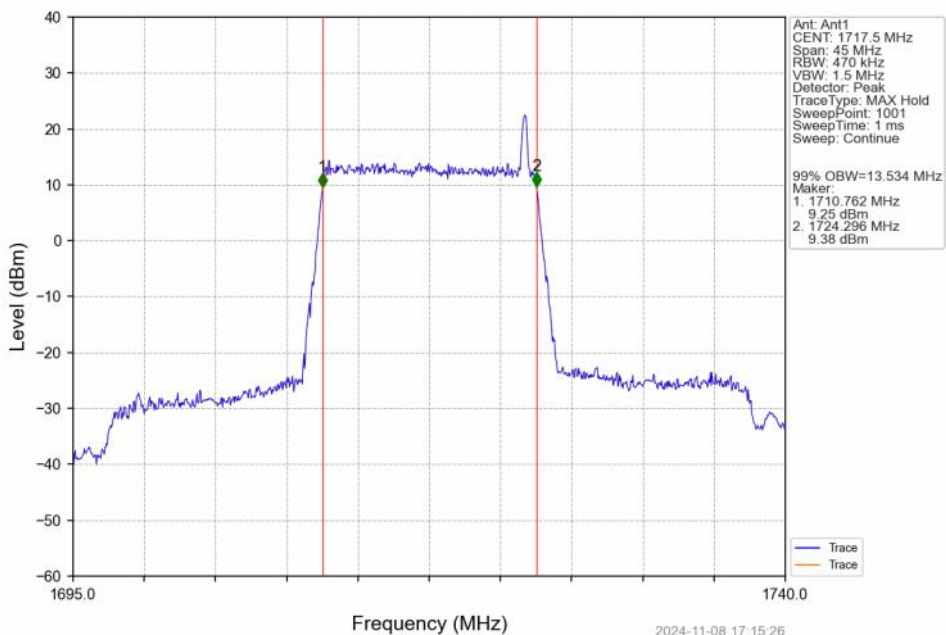
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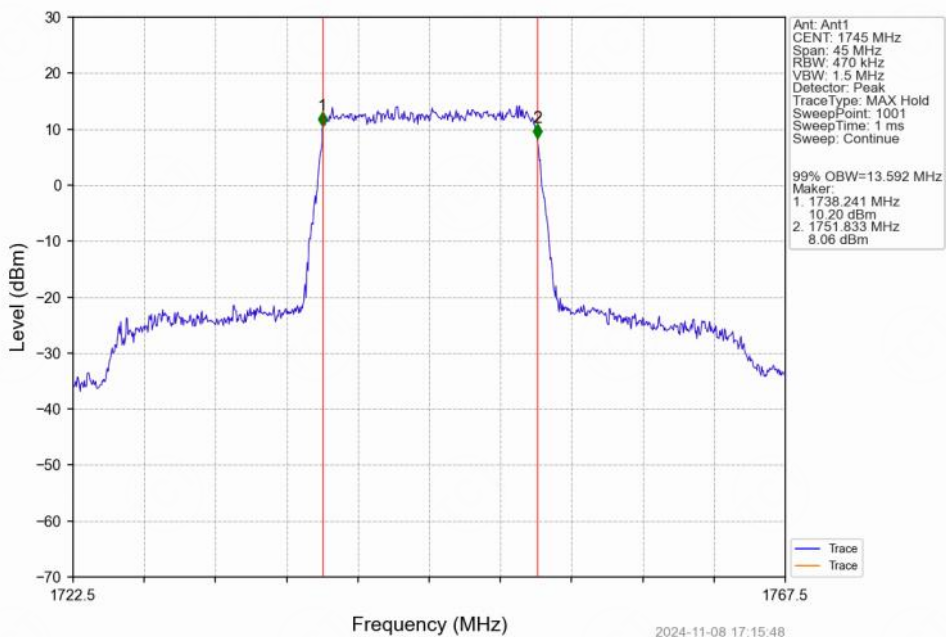
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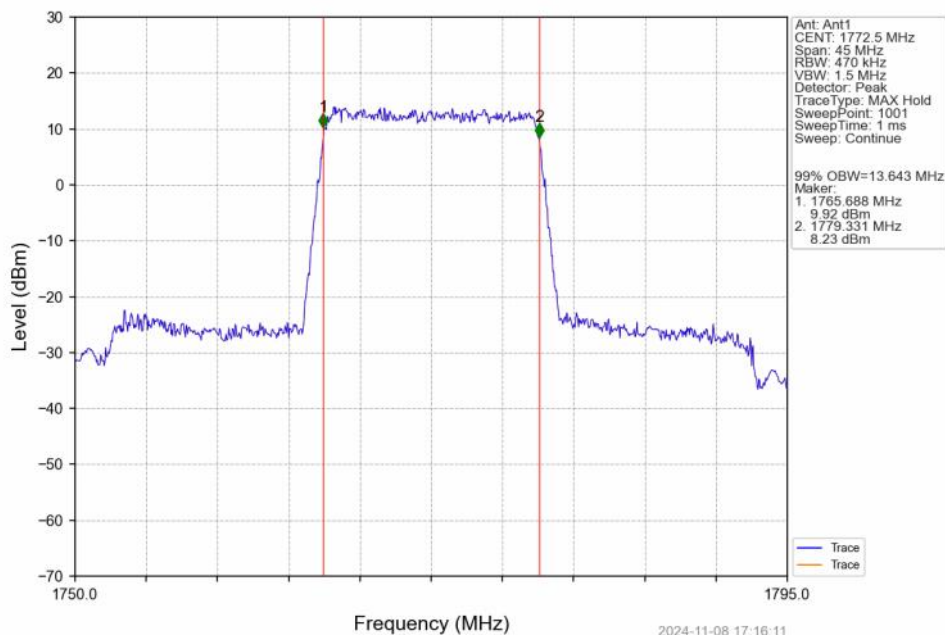
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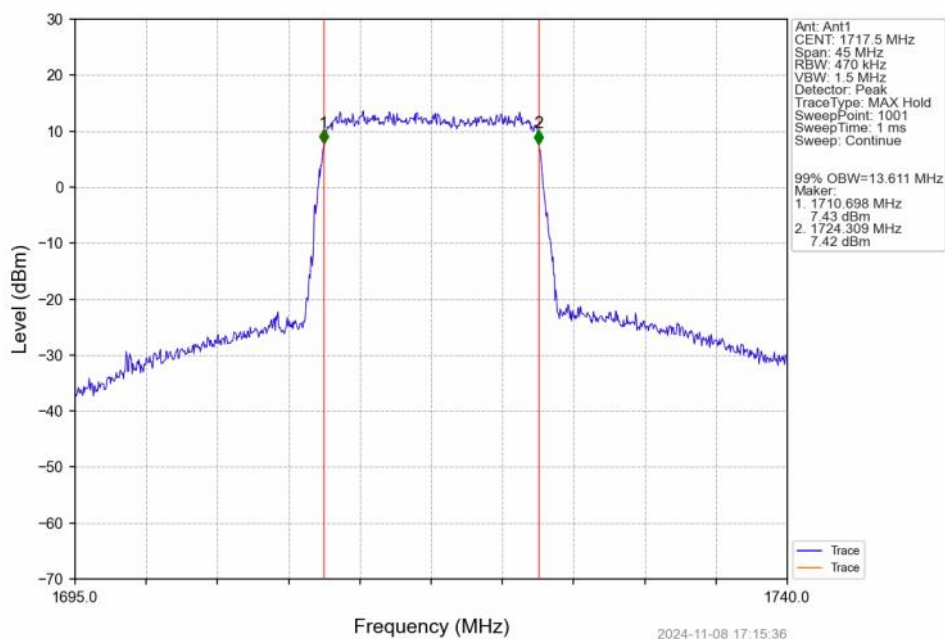
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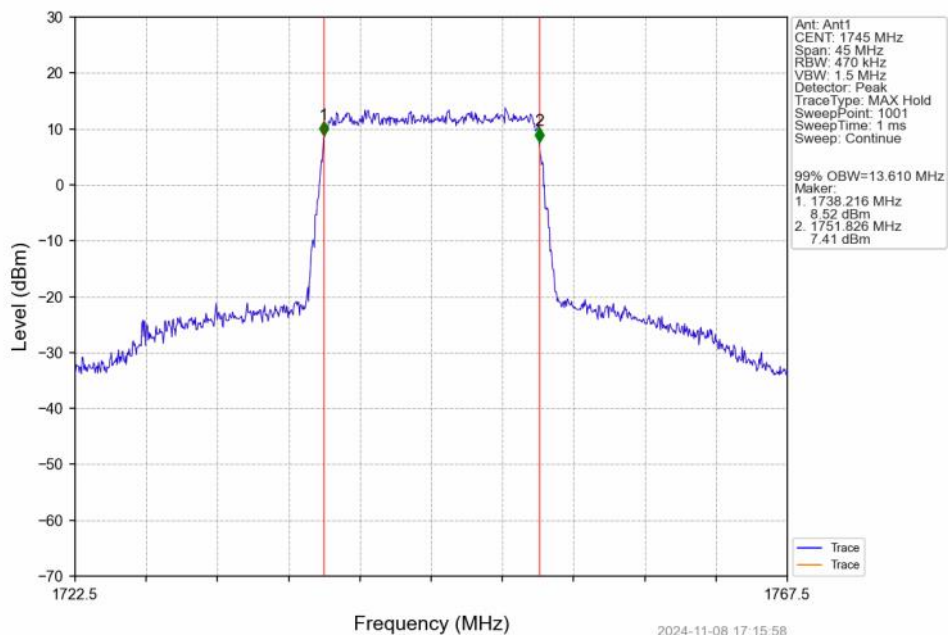
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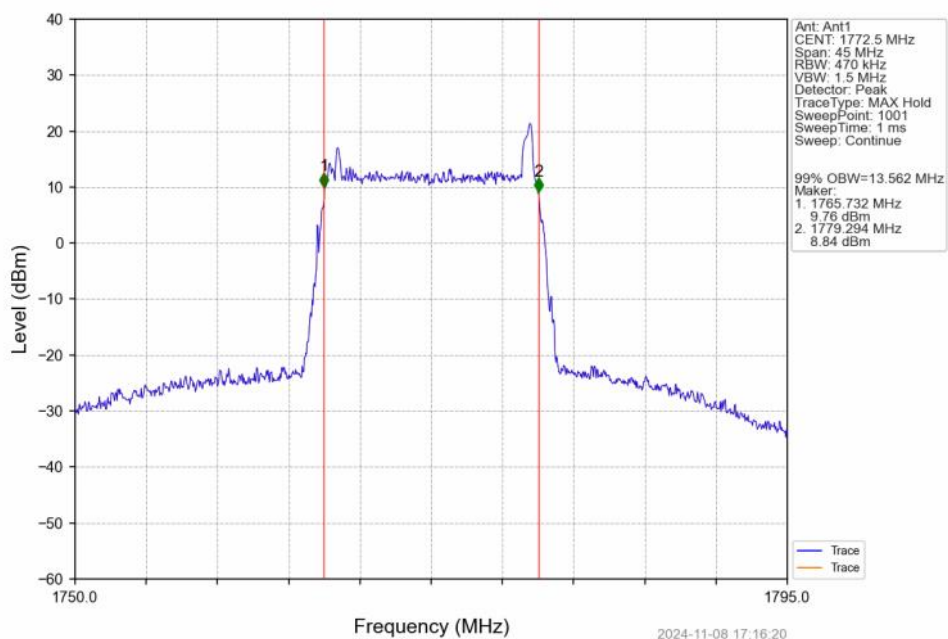
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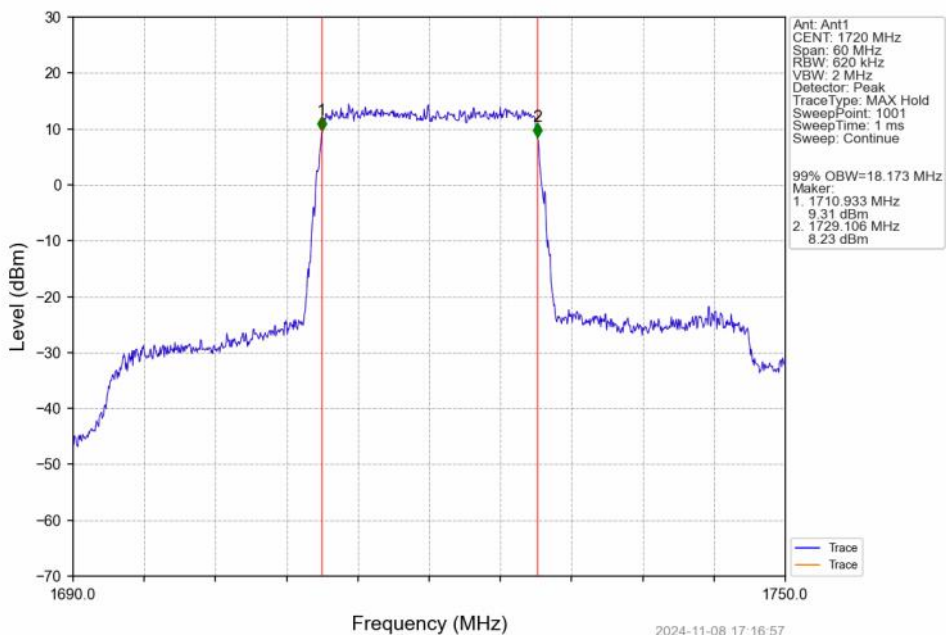
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



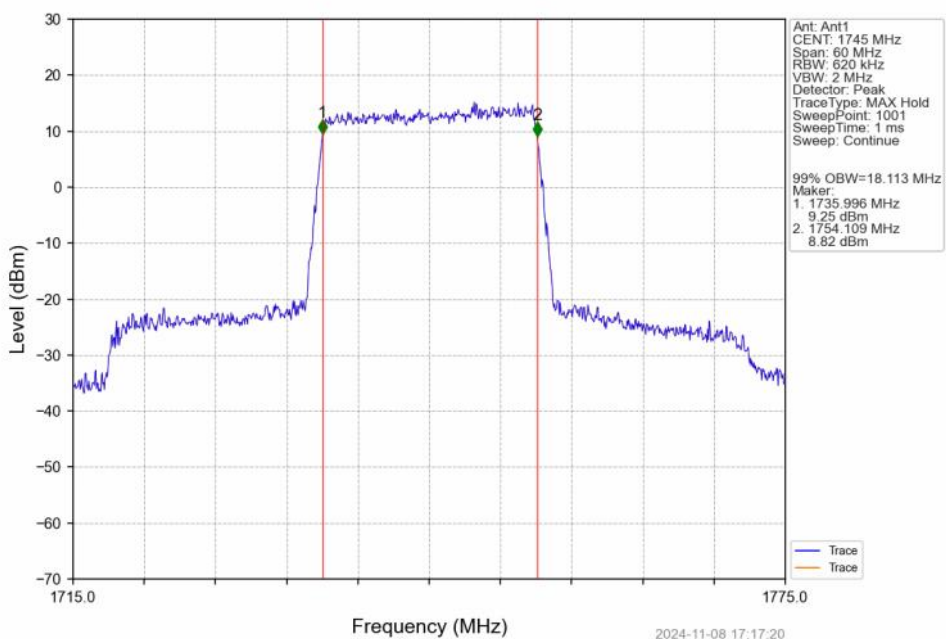
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



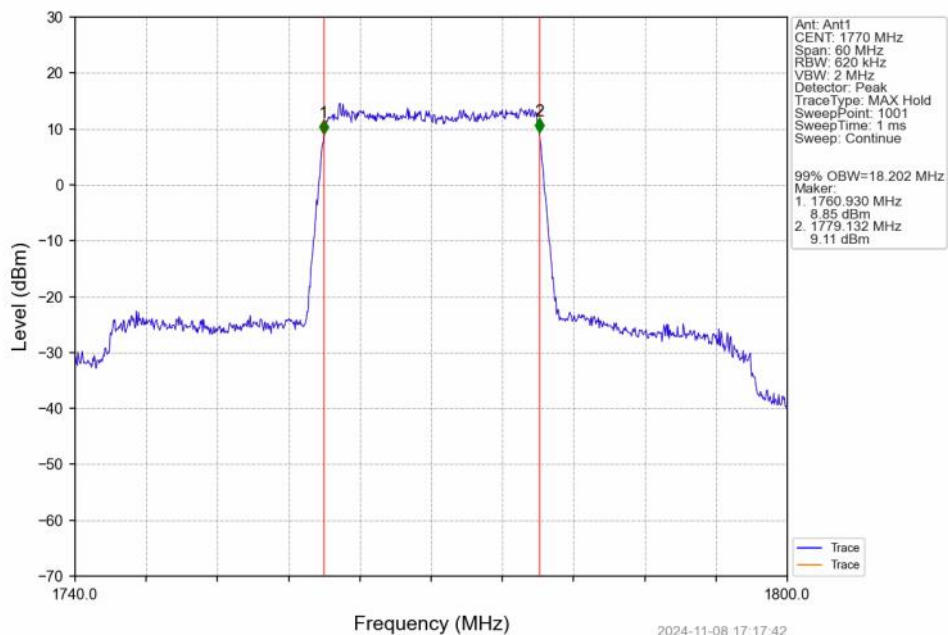
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



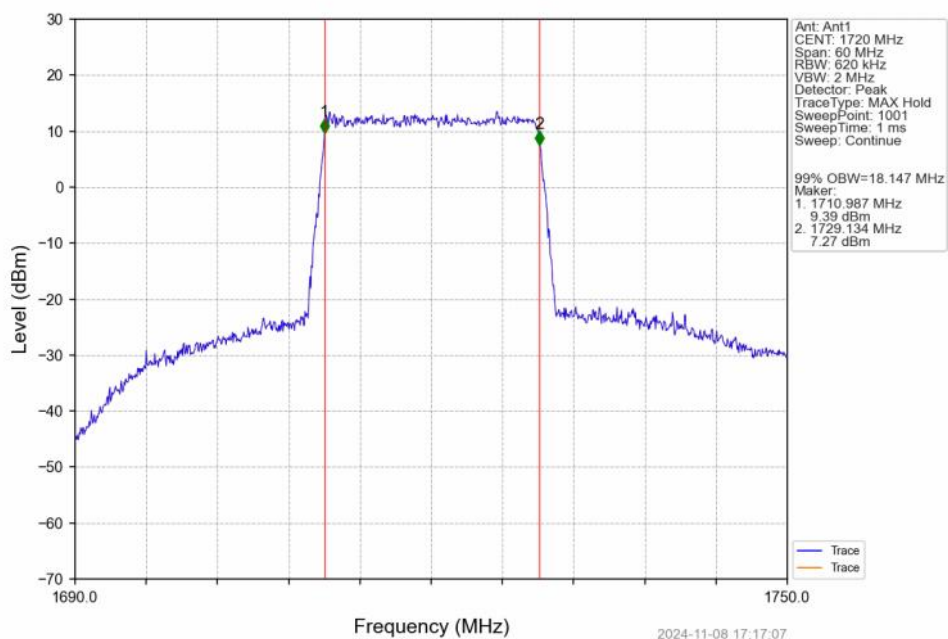
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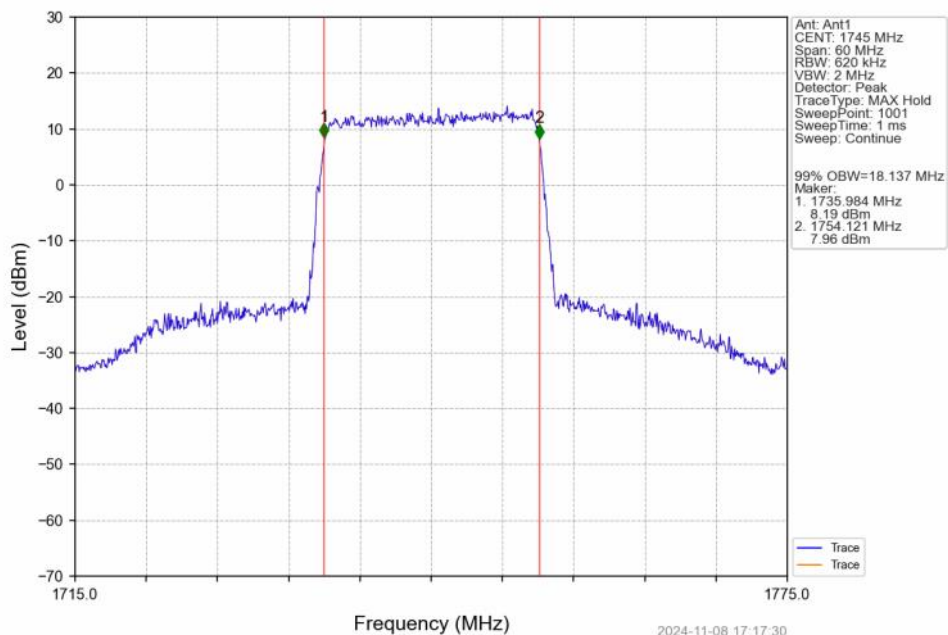
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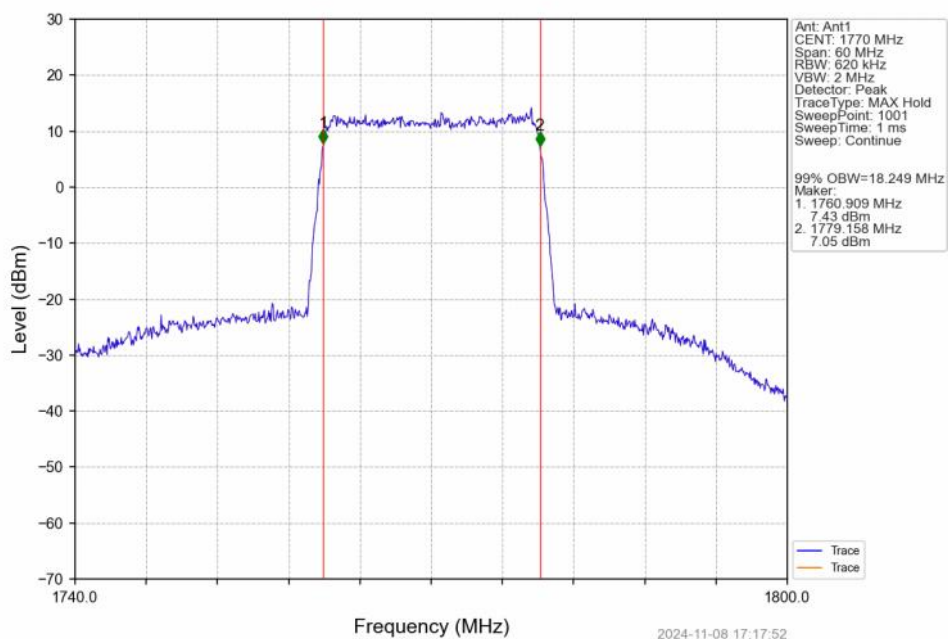
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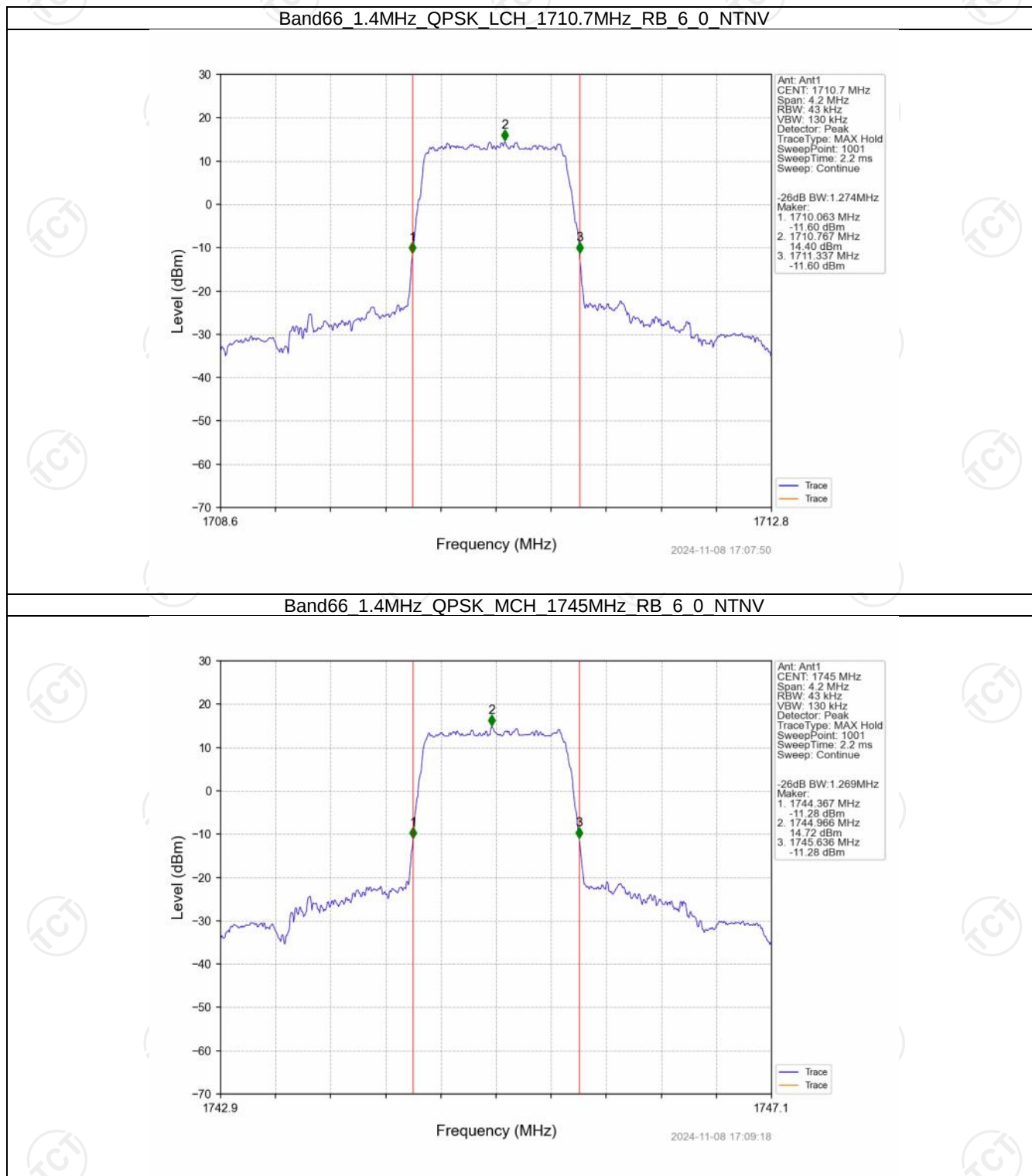
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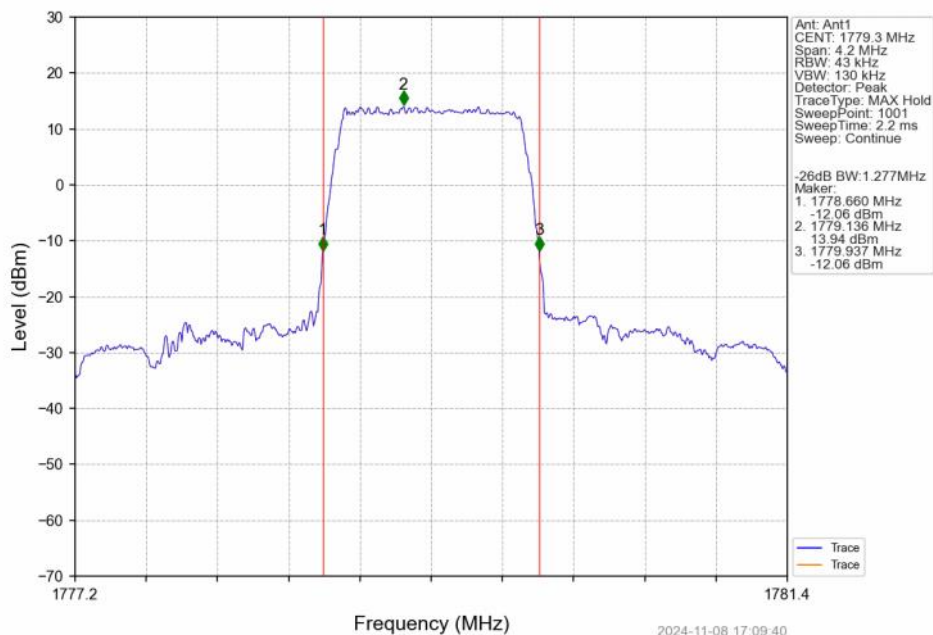
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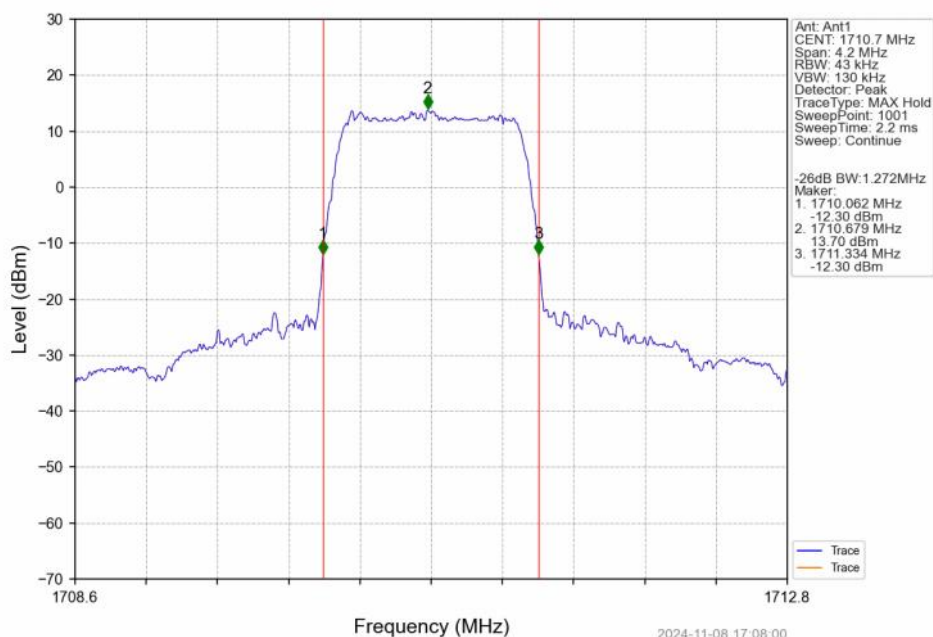
4.2.2 Band66_XDB



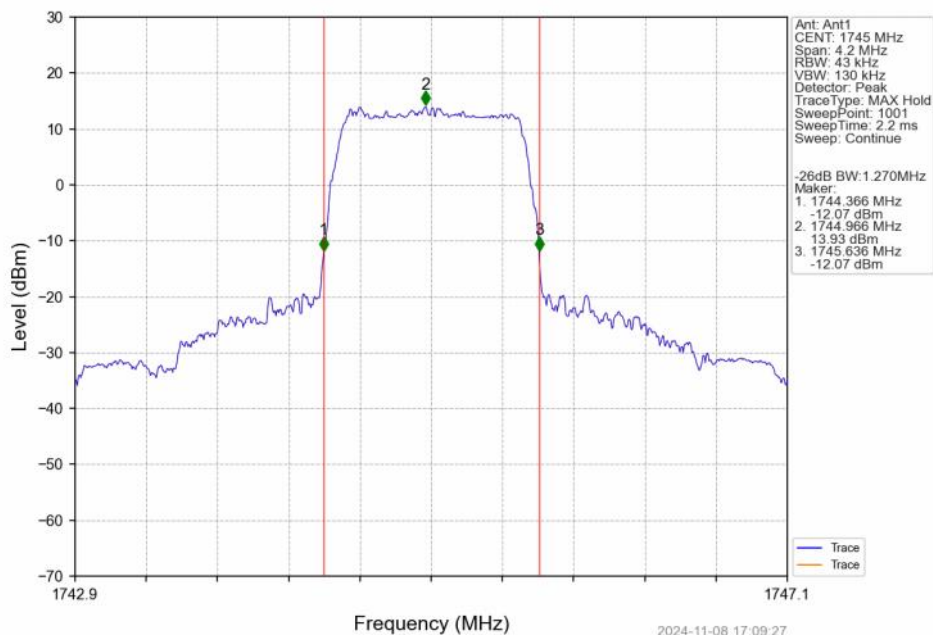
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



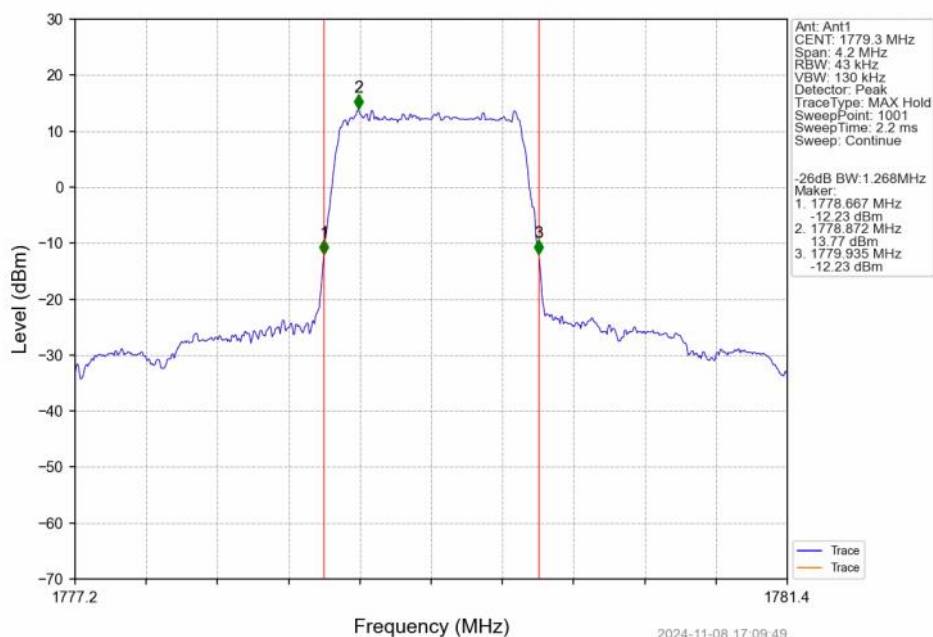
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



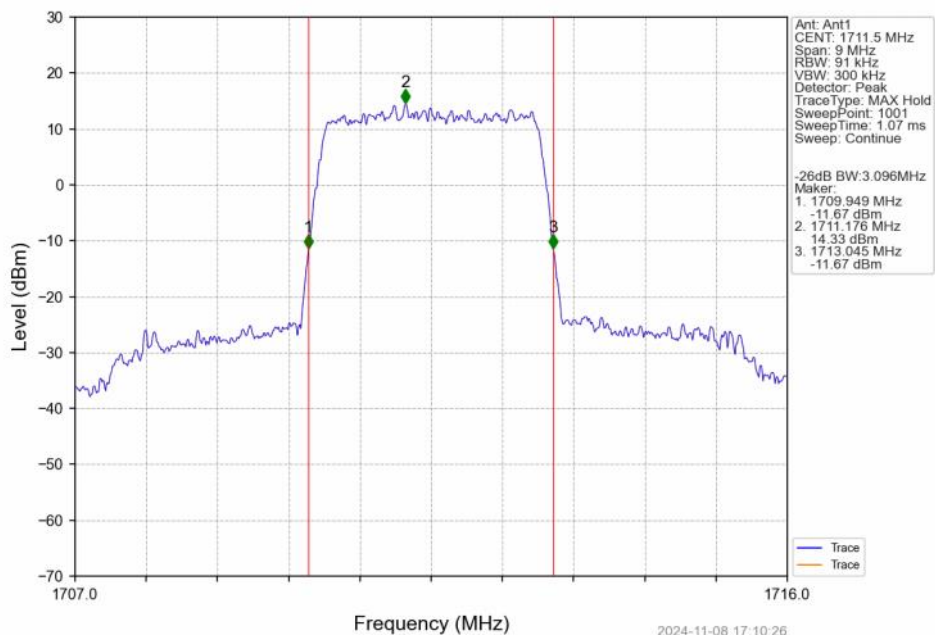
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



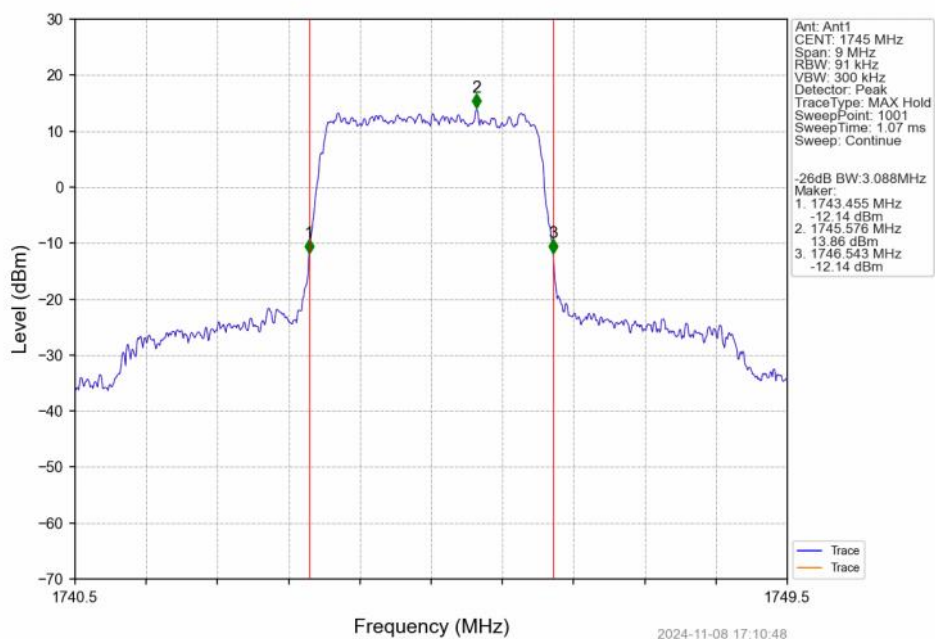
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



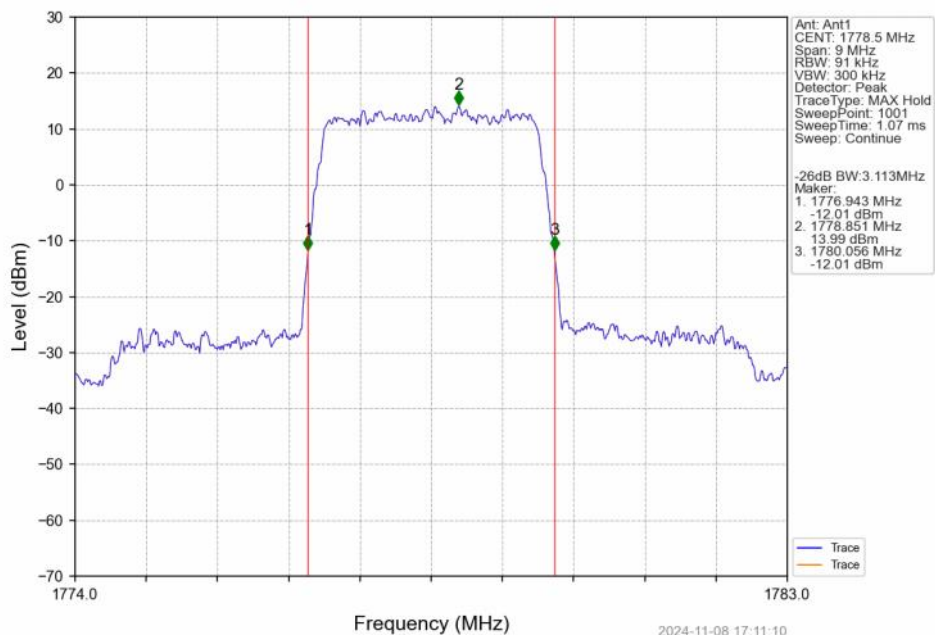
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



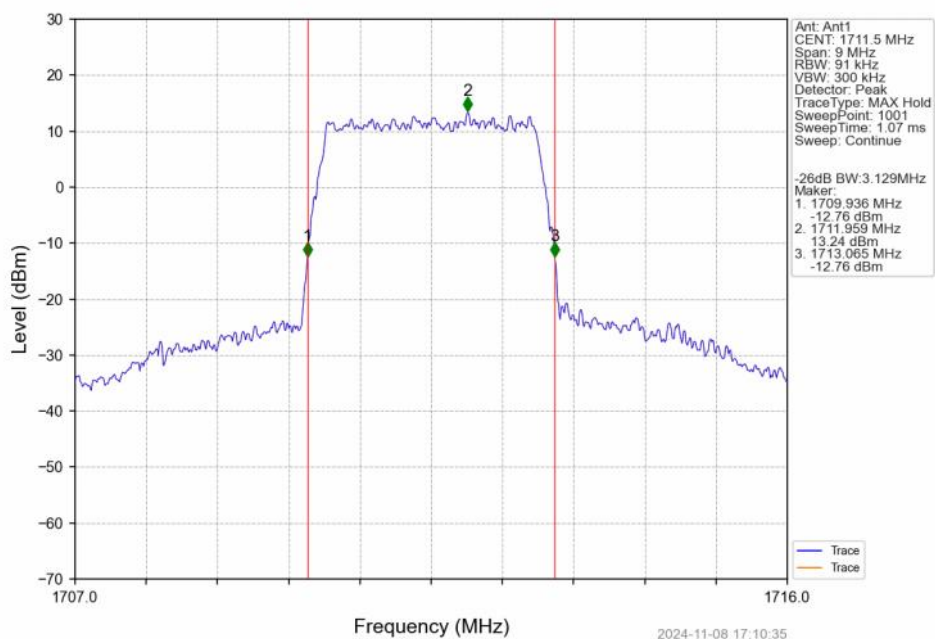
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



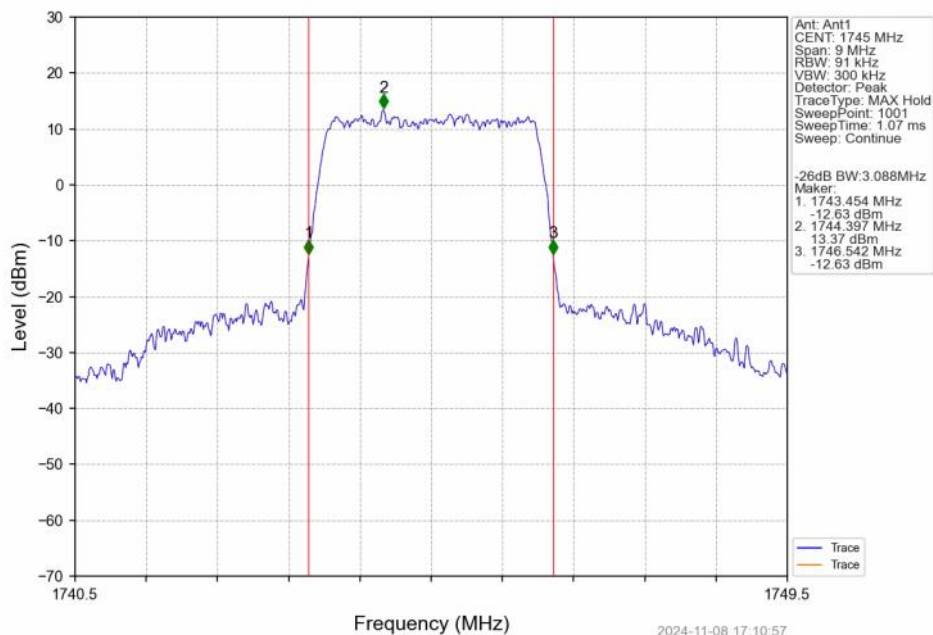
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



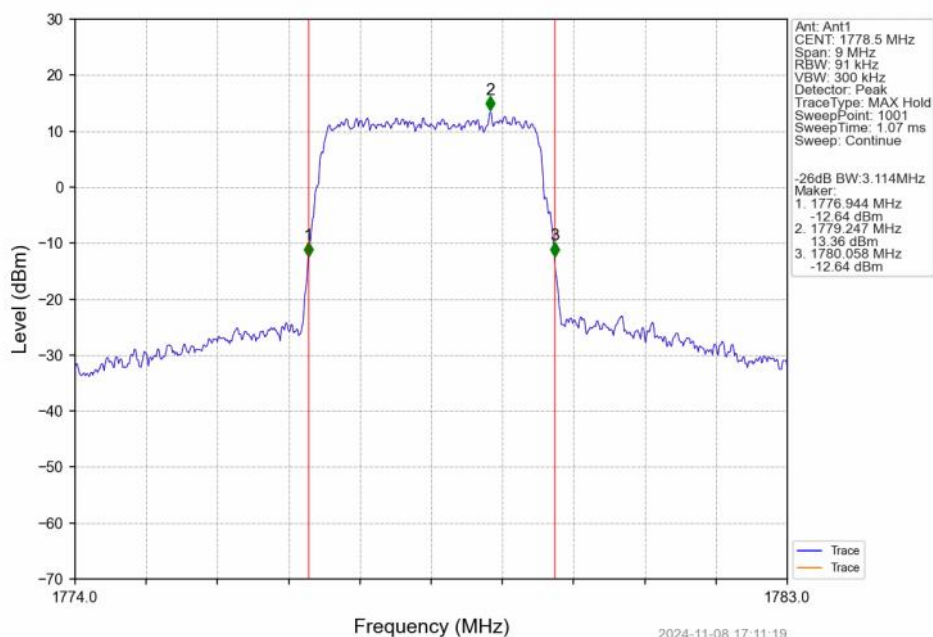
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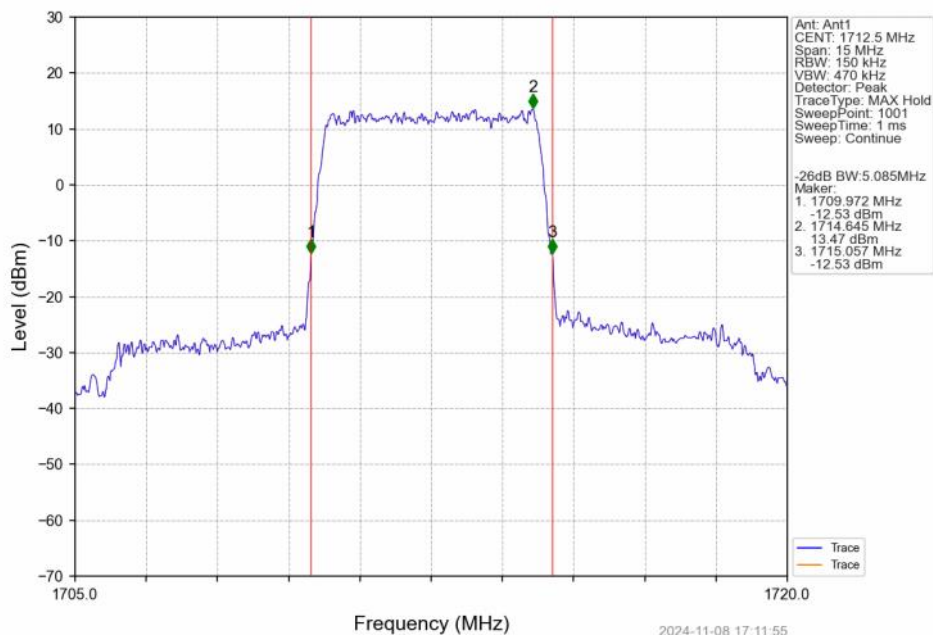
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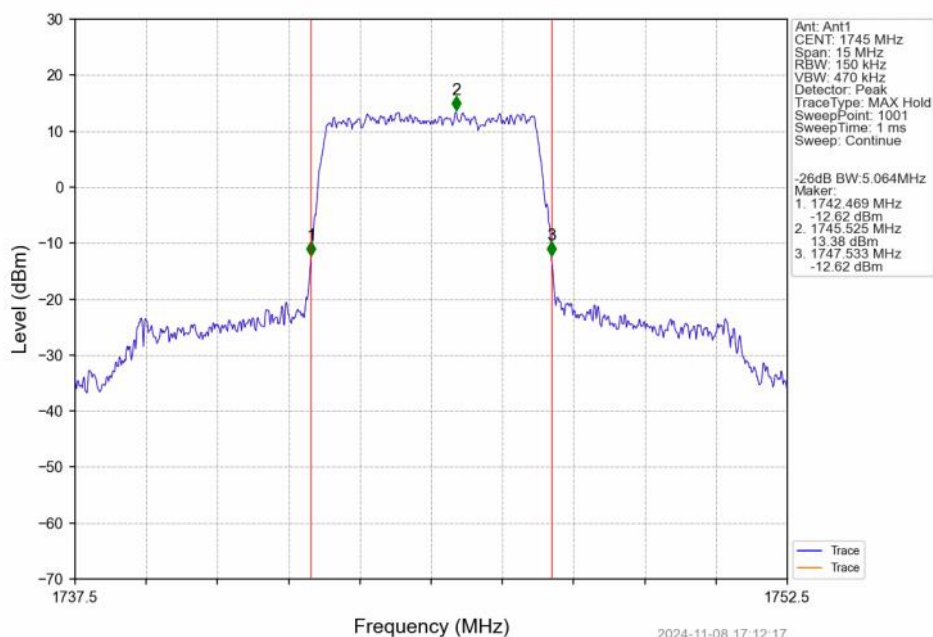
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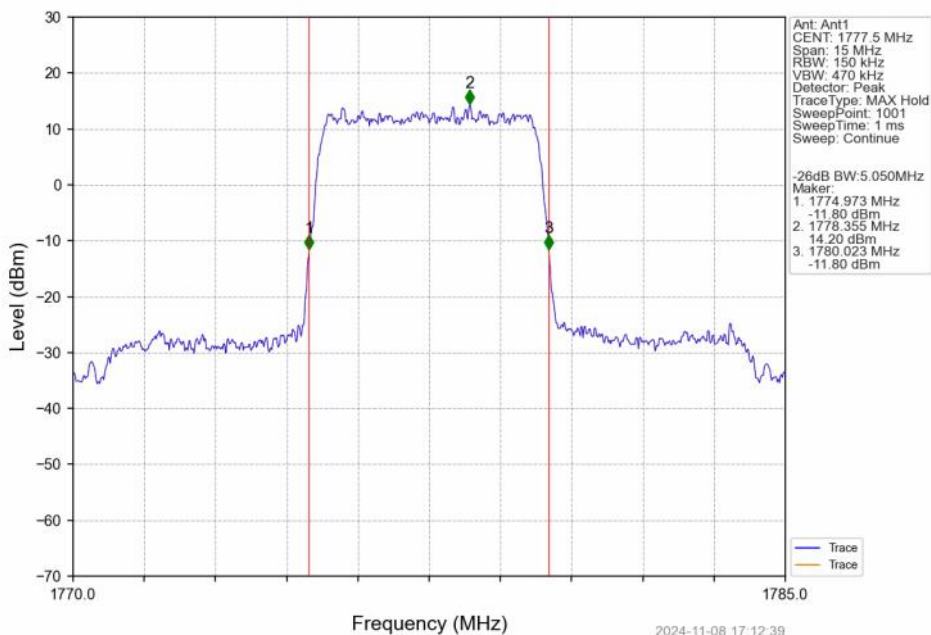
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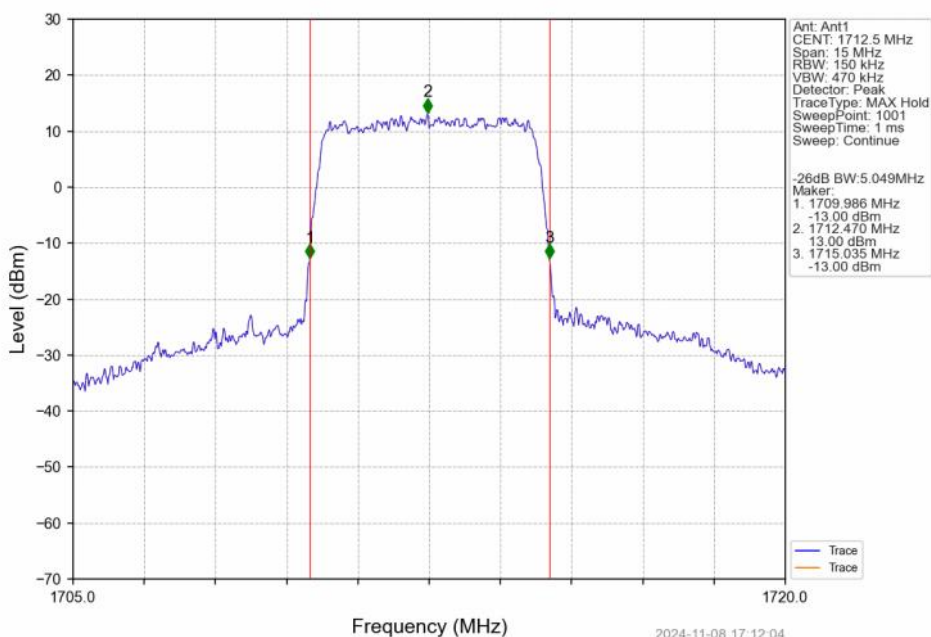
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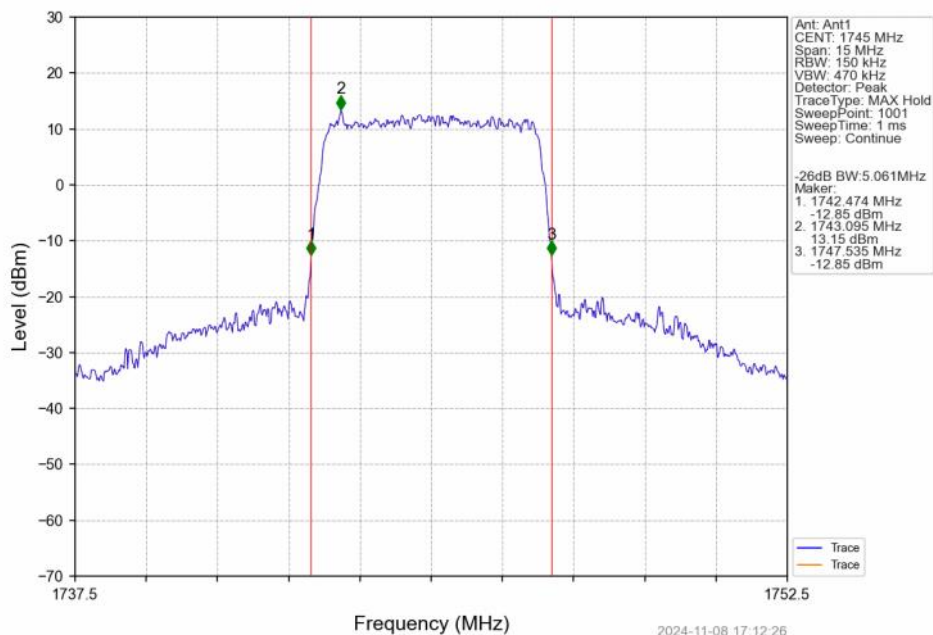
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



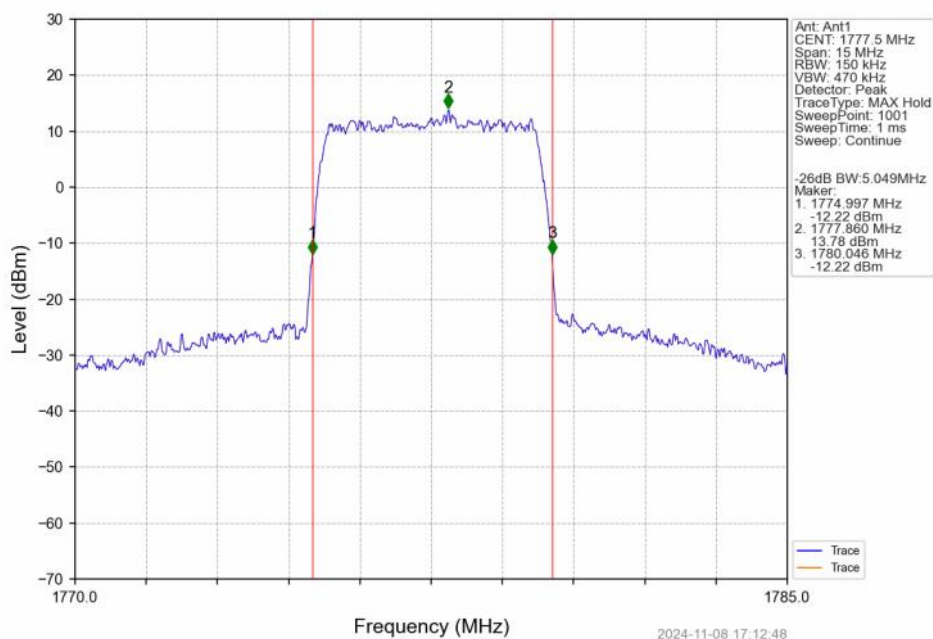
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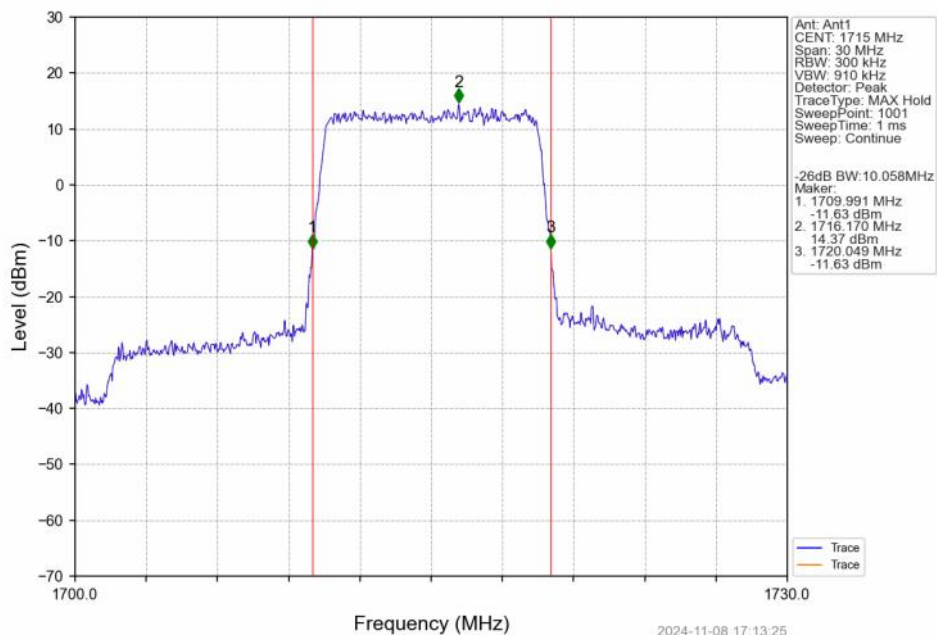
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



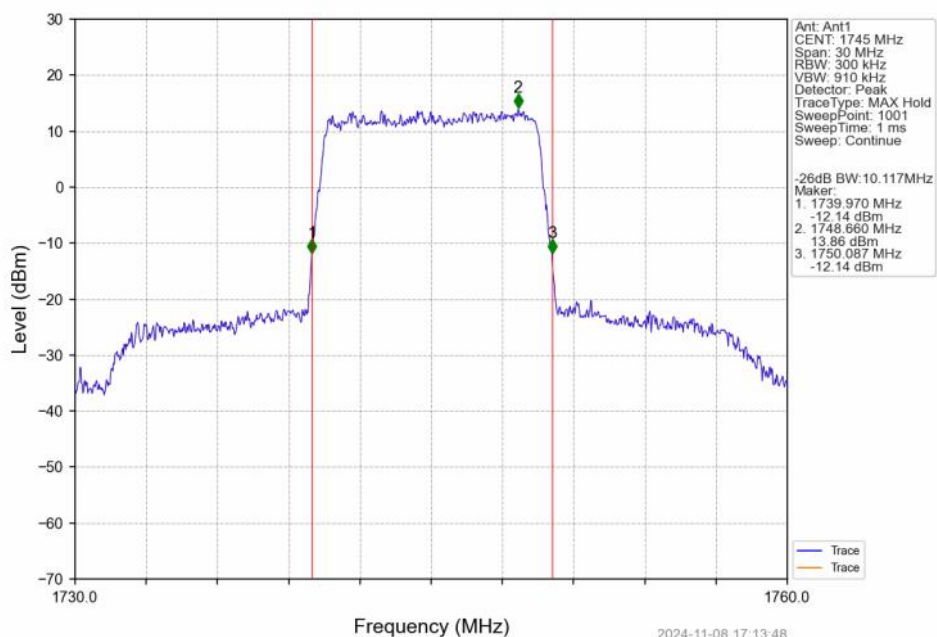
Band66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTNV



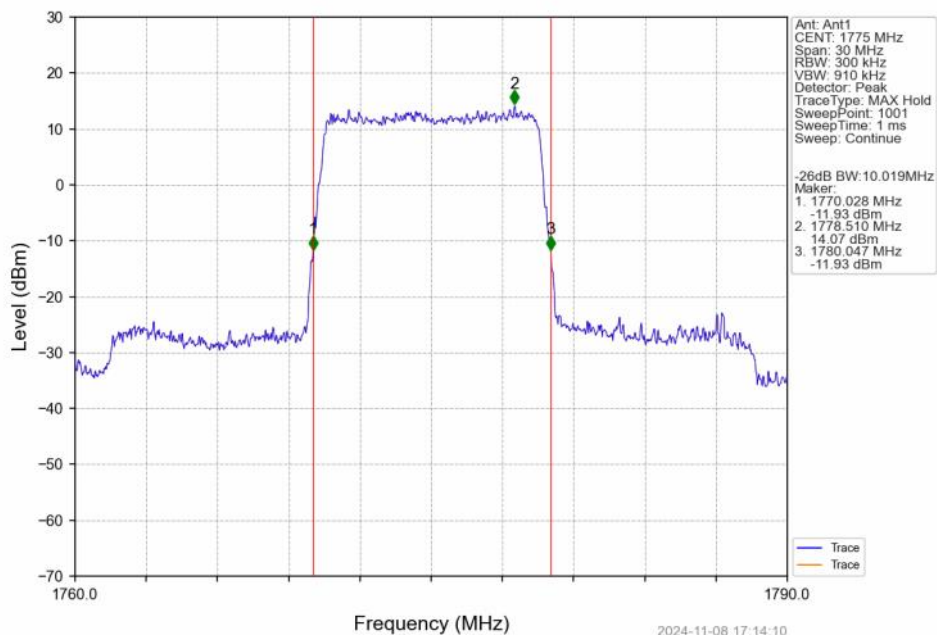
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



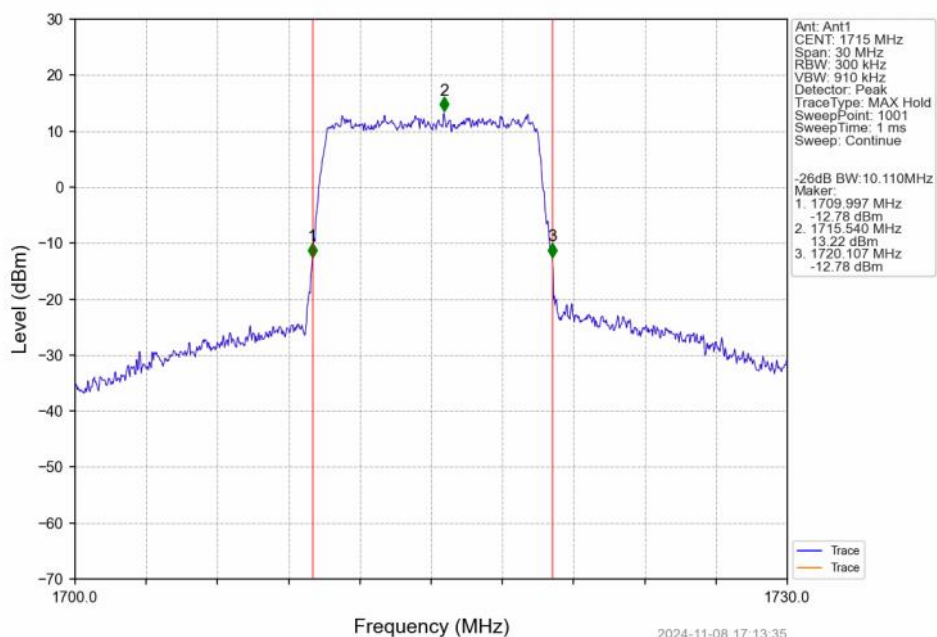
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



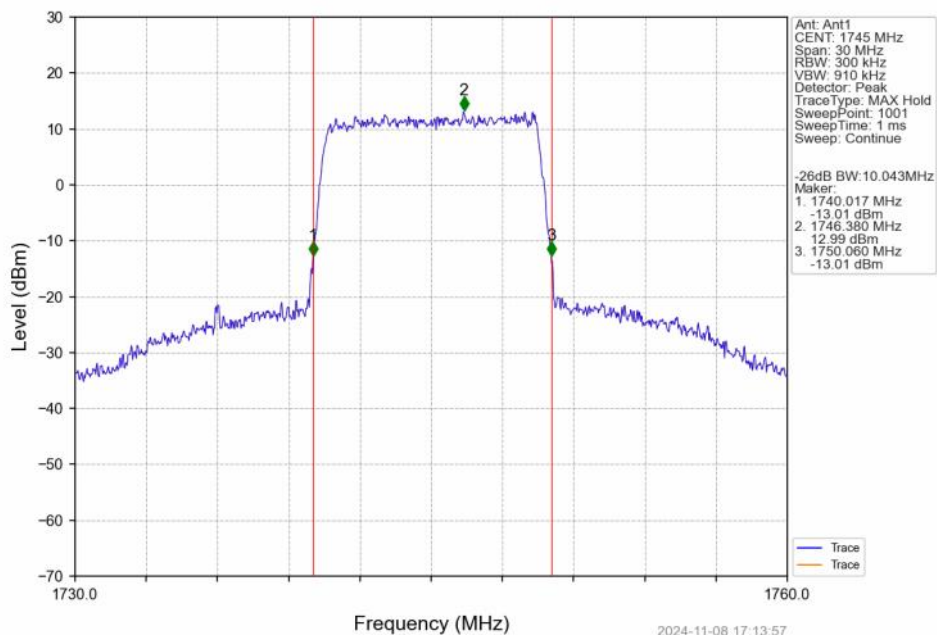
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



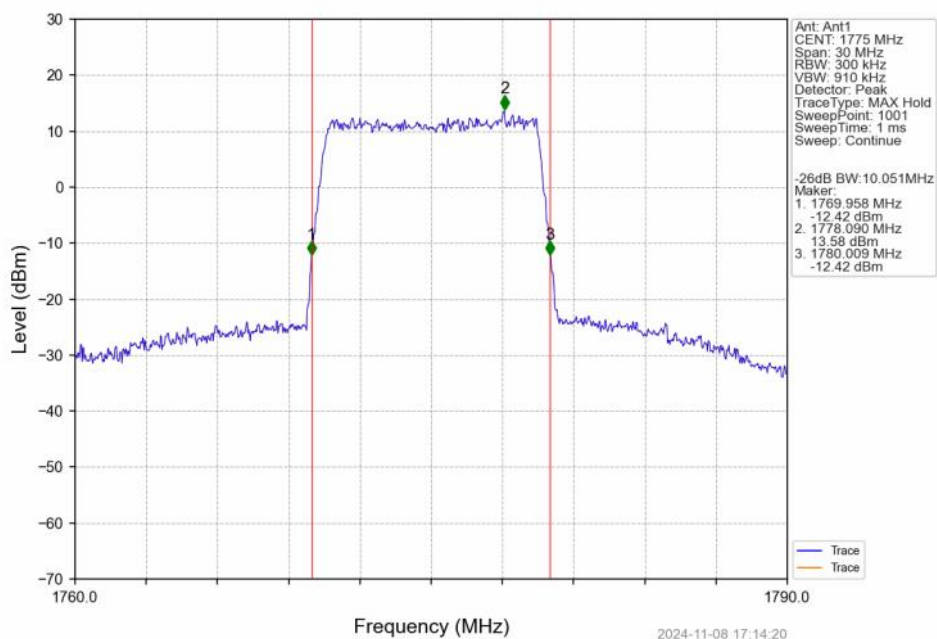
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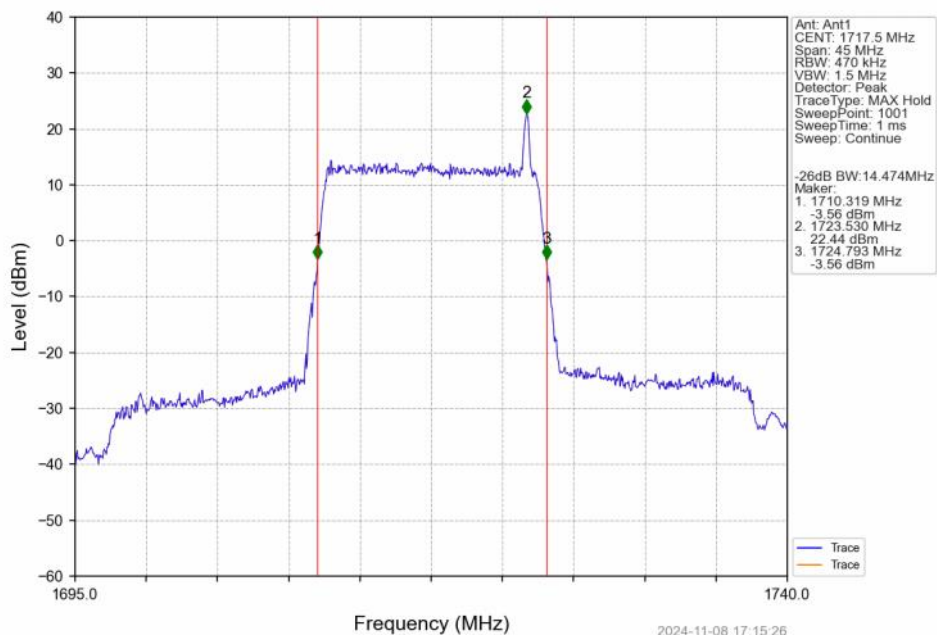
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTN



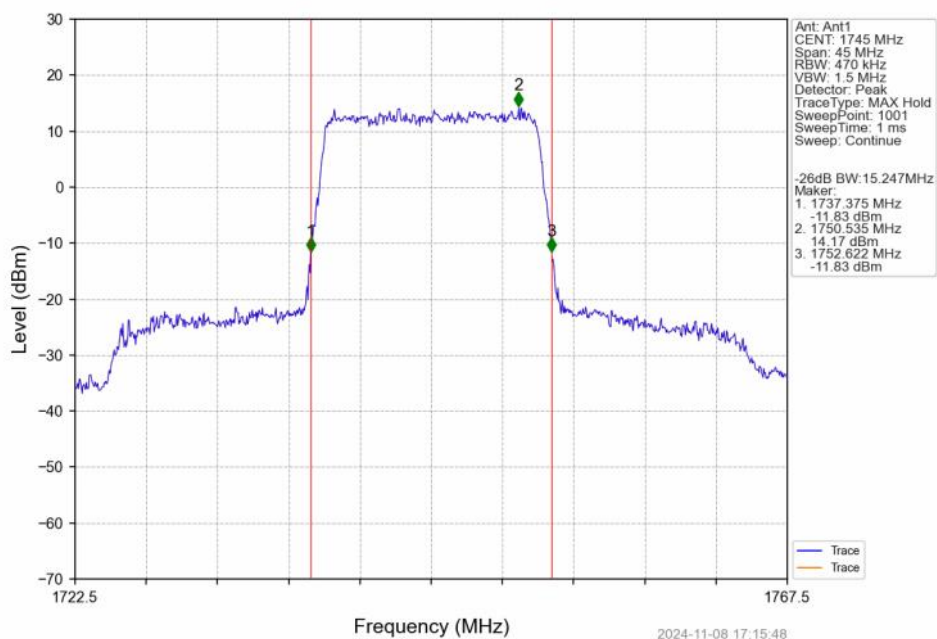
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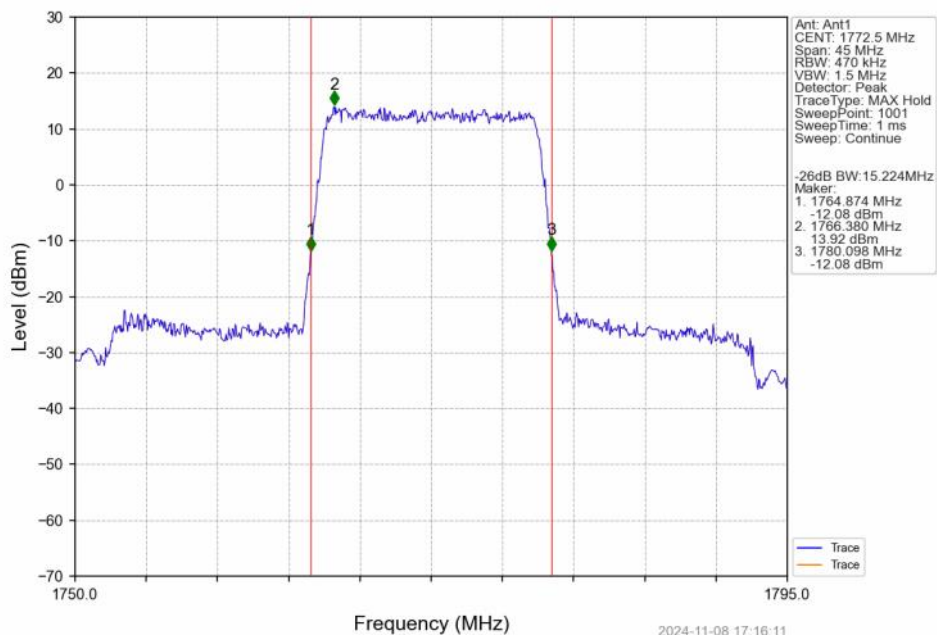
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



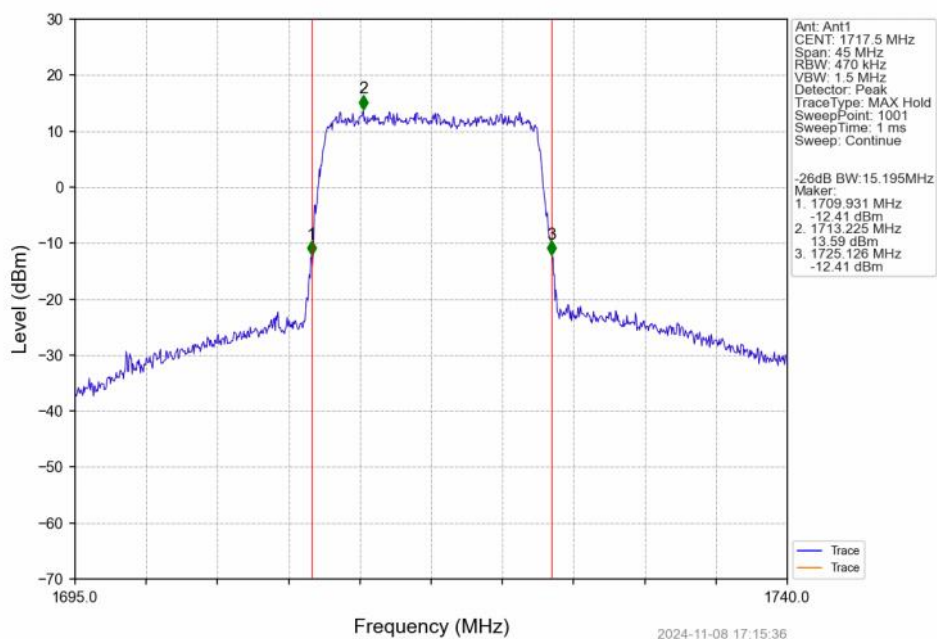
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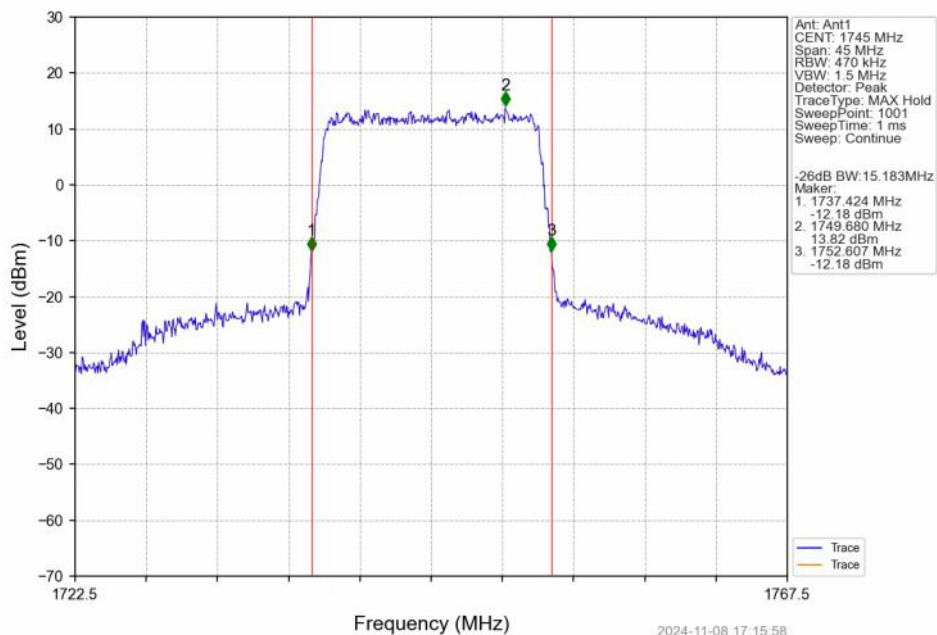
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



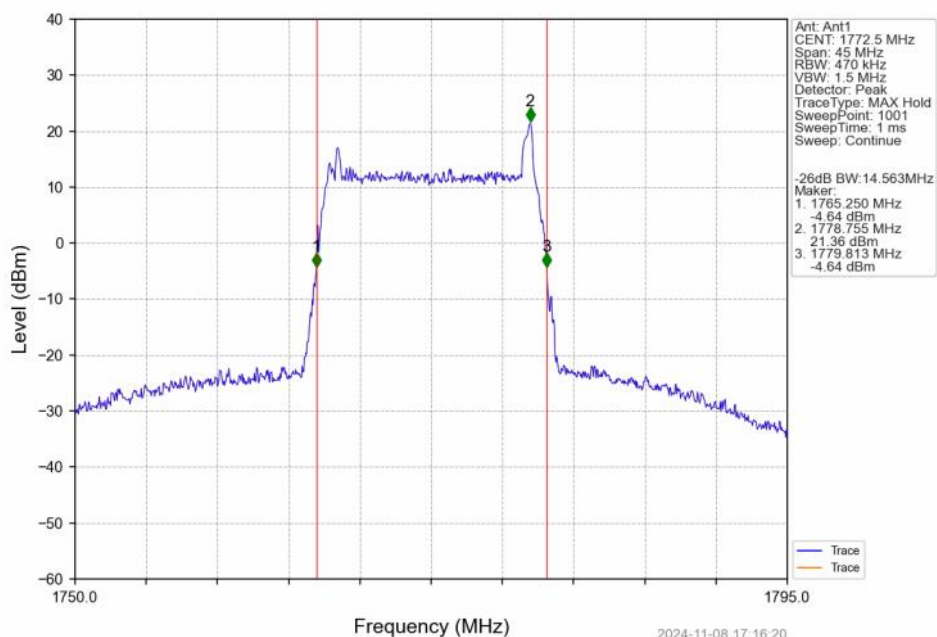
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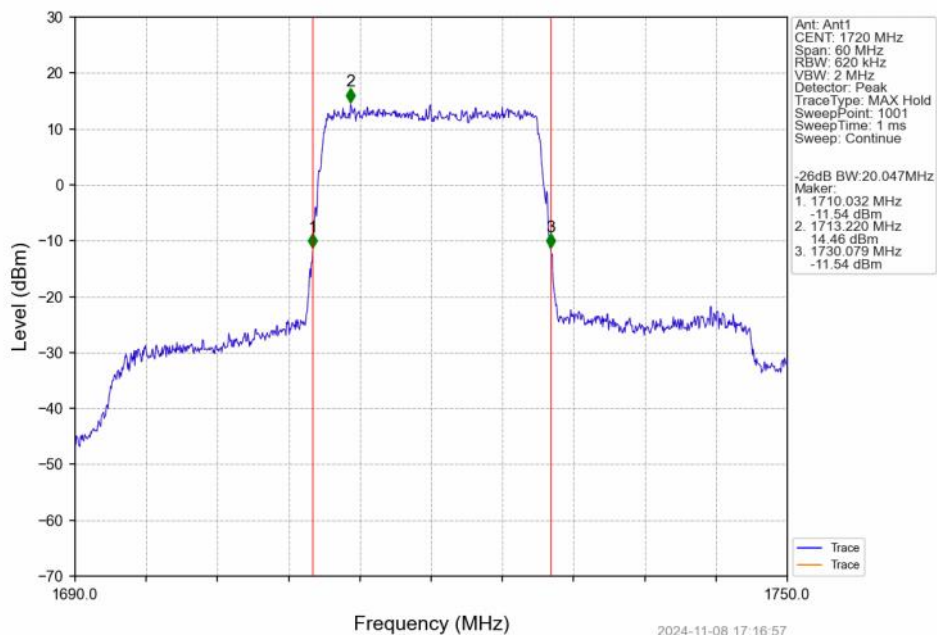
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



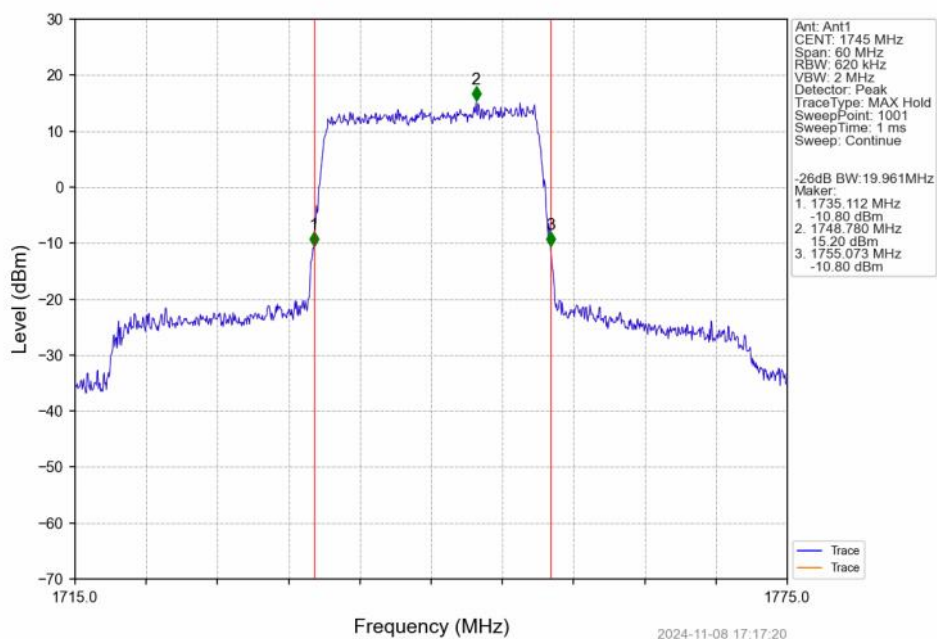
Band66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTNV



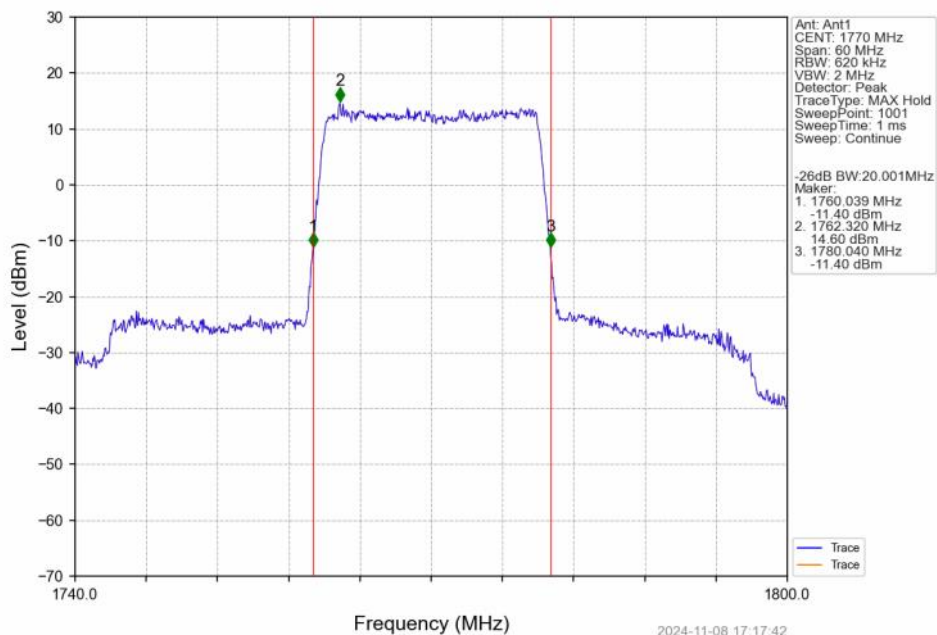
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



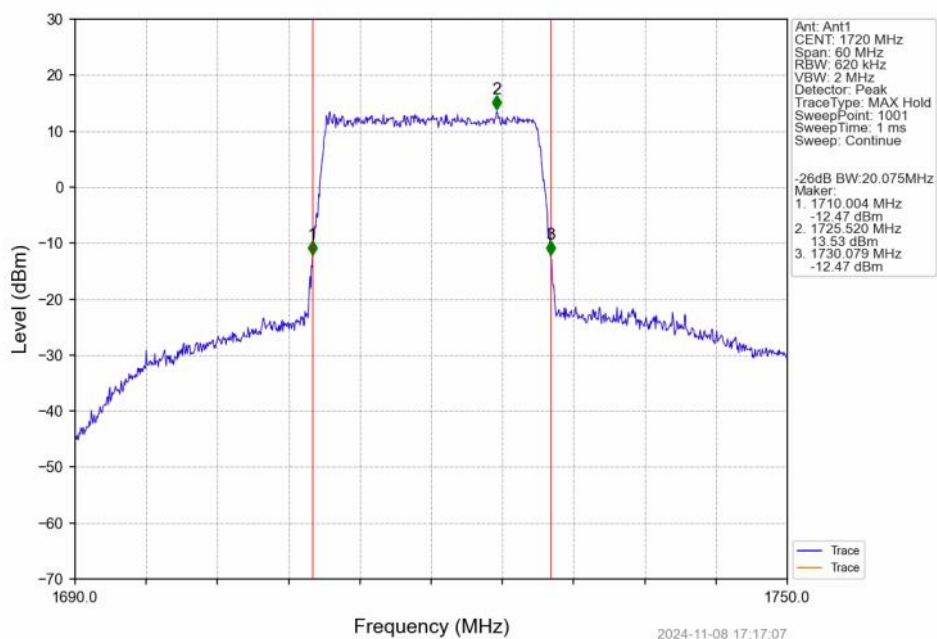
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



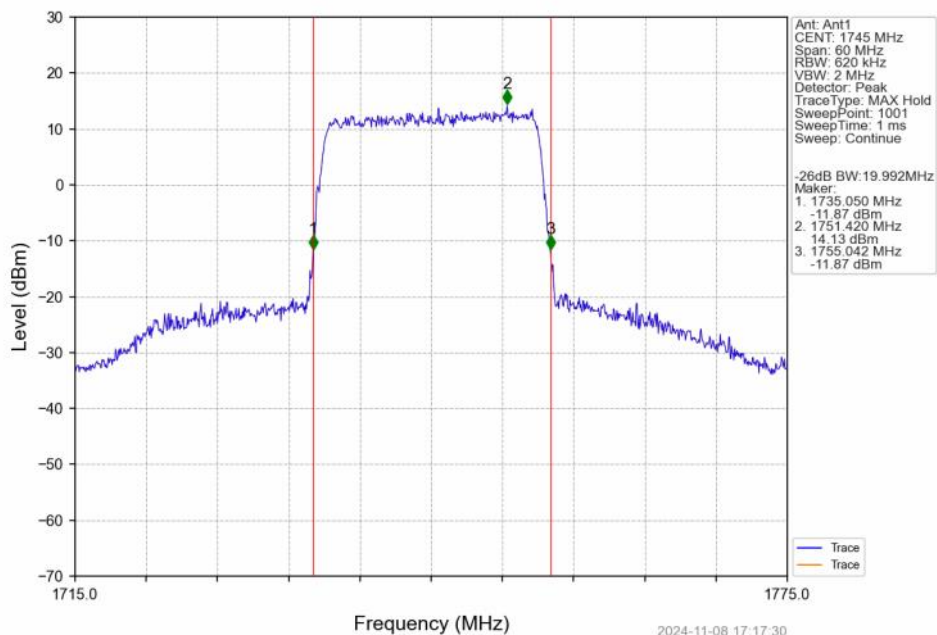
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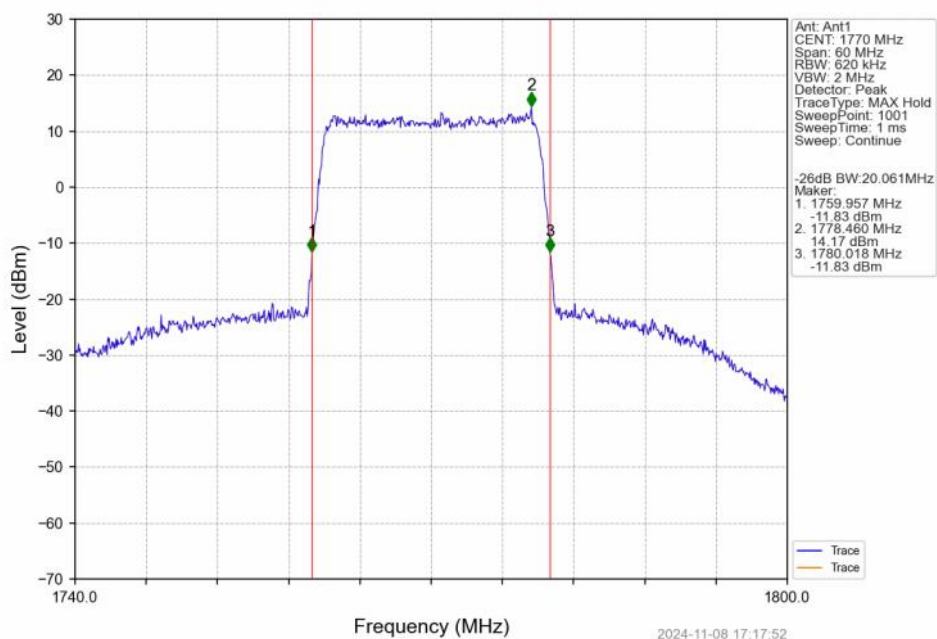
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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



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



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.50	<=13	Pass
	1745	6	0	4.84	<=13	Pass
	1779.3	6	0	5.40	<=13	Pass
16QAM	1710.7	6	0	6.20	<=13	Pass
	1745	6	0	5.66	<=13	Pass
	1779.3	6	0	6.15	<=13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.56	<=13	Pass
	1745	15	0	4.89	<=13	Pass
	1778.5	15	0	5.49	<=13	Pass
16QAM	1711.5	15	0	6.33	<=13	Pass
	1745	15	0	5.70	<=13	Pass
	1778.5	15	0	6.27	<=13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.63	<=13	Pass
	1745	25	0	5.15	<=13	Pass
	1777.5	25	0	5.62	<=13	Pass
16QAM	1712.5	25	0	6.38	<=13	Pass
	1745	25	0	5.86	<=13	Pass
	1777.5	25	0	6.25	<=13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.71	<=13	Pass
	1745	50	0	5.23	<=13	Pass
	1775	50	0	5.70	<=13	Pass
16QAM	1715	50	0	6.44	<=13	Pass
	1745	50	0	5.96	<=13	Pass

	1775	50	0	6.37	<=13	Pass
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5.1.5 B66_15MHz

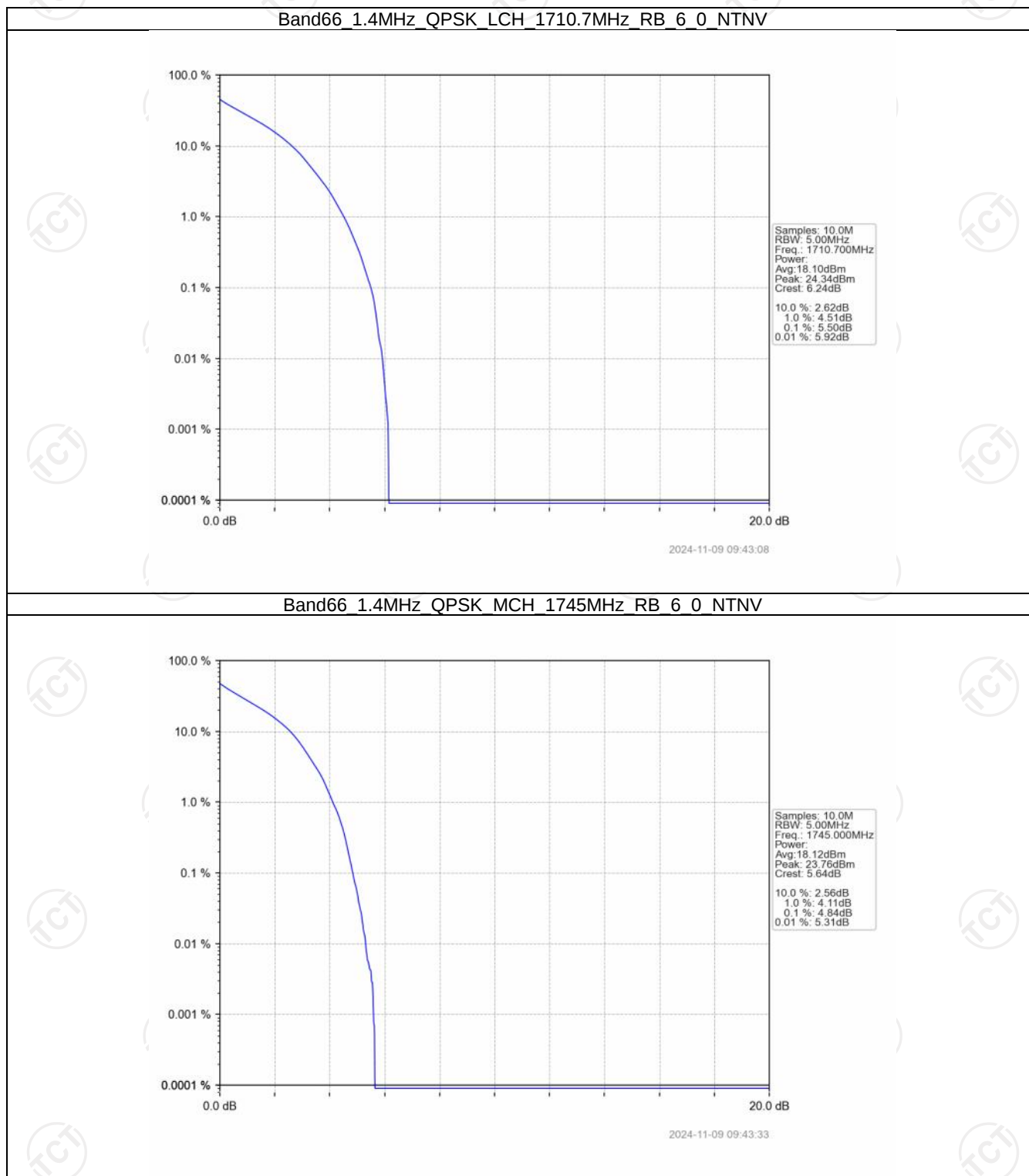
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.03	<=13	Pass
	1745	75	0	5.37	<=13	Pass
	1772.5	75	0	6.02	<=13	Pass
16QAM	1717.5	75	0	6.47	<=13	Pass
	1745	75	0	5.93	<=13	Pass
	1772.5	75	0	6.46	<=13	Pass

5.1.6 B66_20MHz

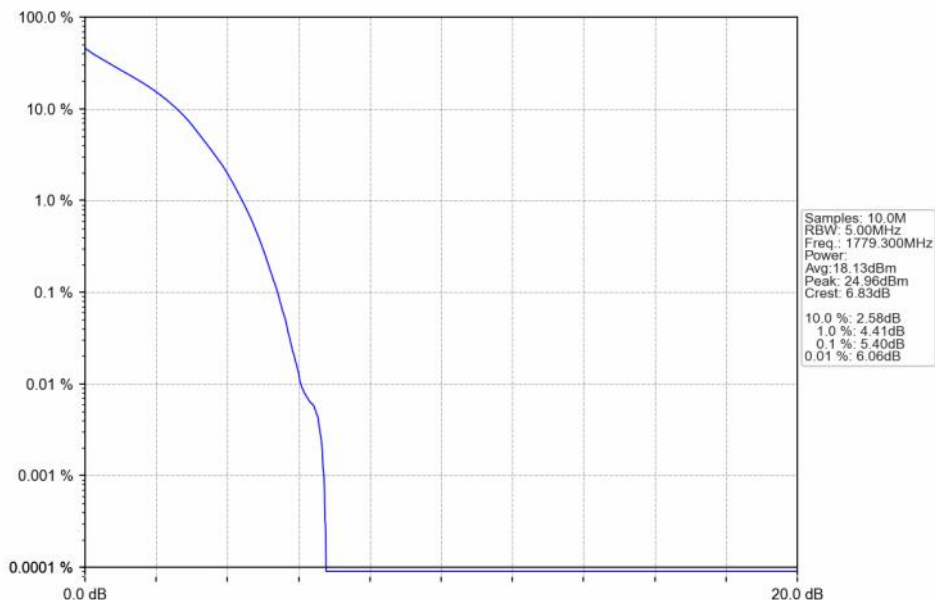
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.82	<=13	Pass
	1745	100	0	5.32	<=13	Pass
	1770	100	0	5.77	<=13	Pass
16QAM	1720	100	0	6.48	<=13	Pass
	1745	100	0	6.03	<=13	Pass
	1770	100	0	6.45	<=13	Pass

5.2 Test Graph

5.2.1 B66_1.4MHz

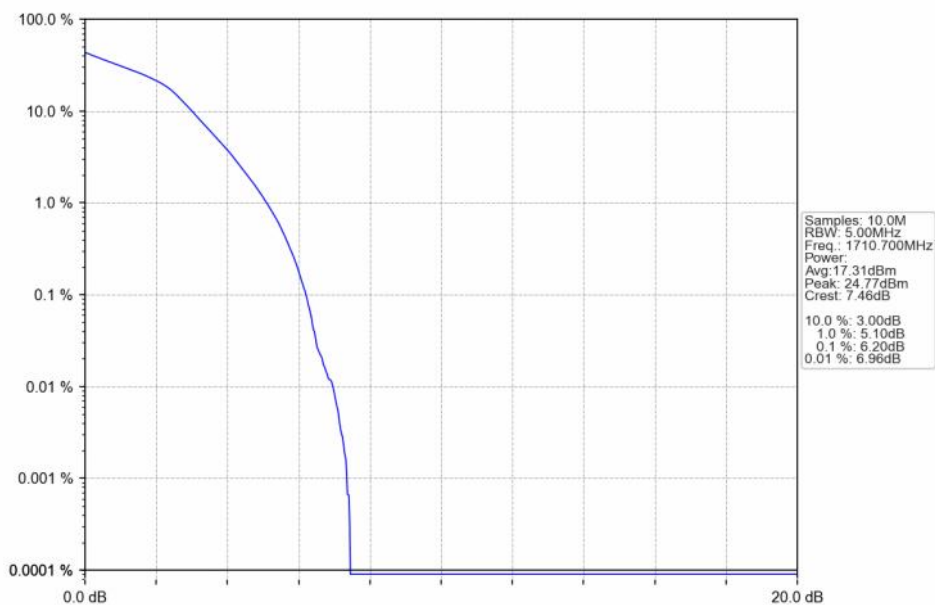


Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



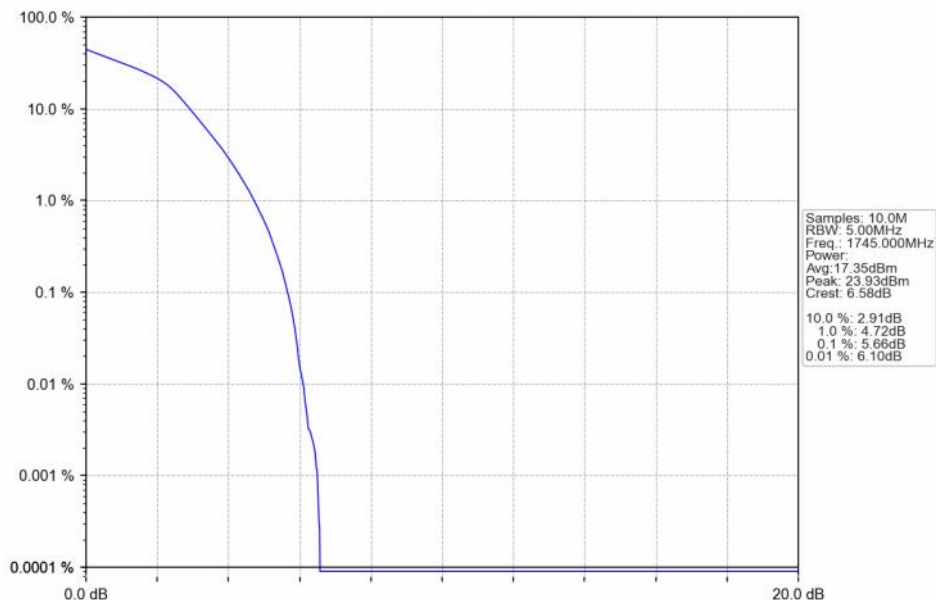
2024-11-09 09:43:59

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



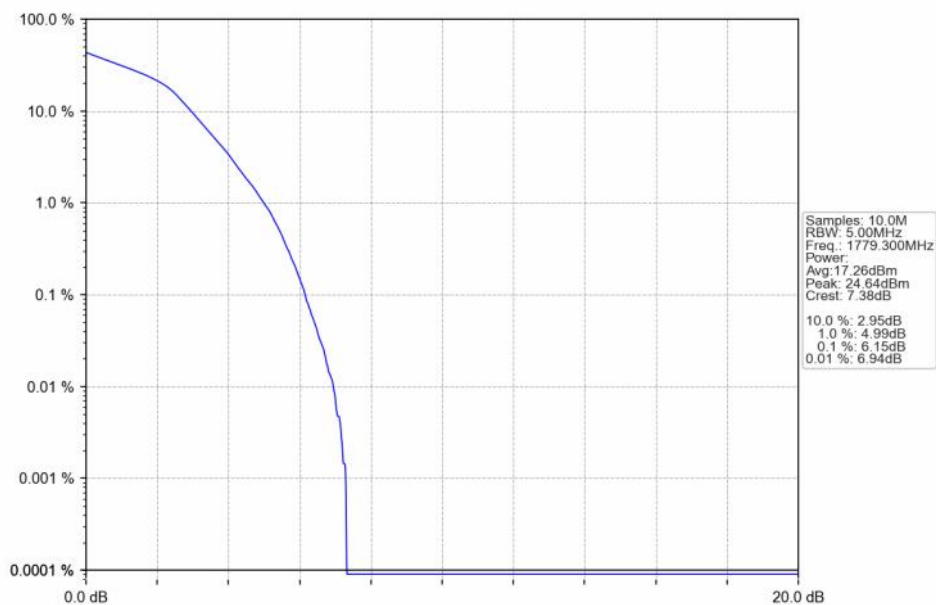
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Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



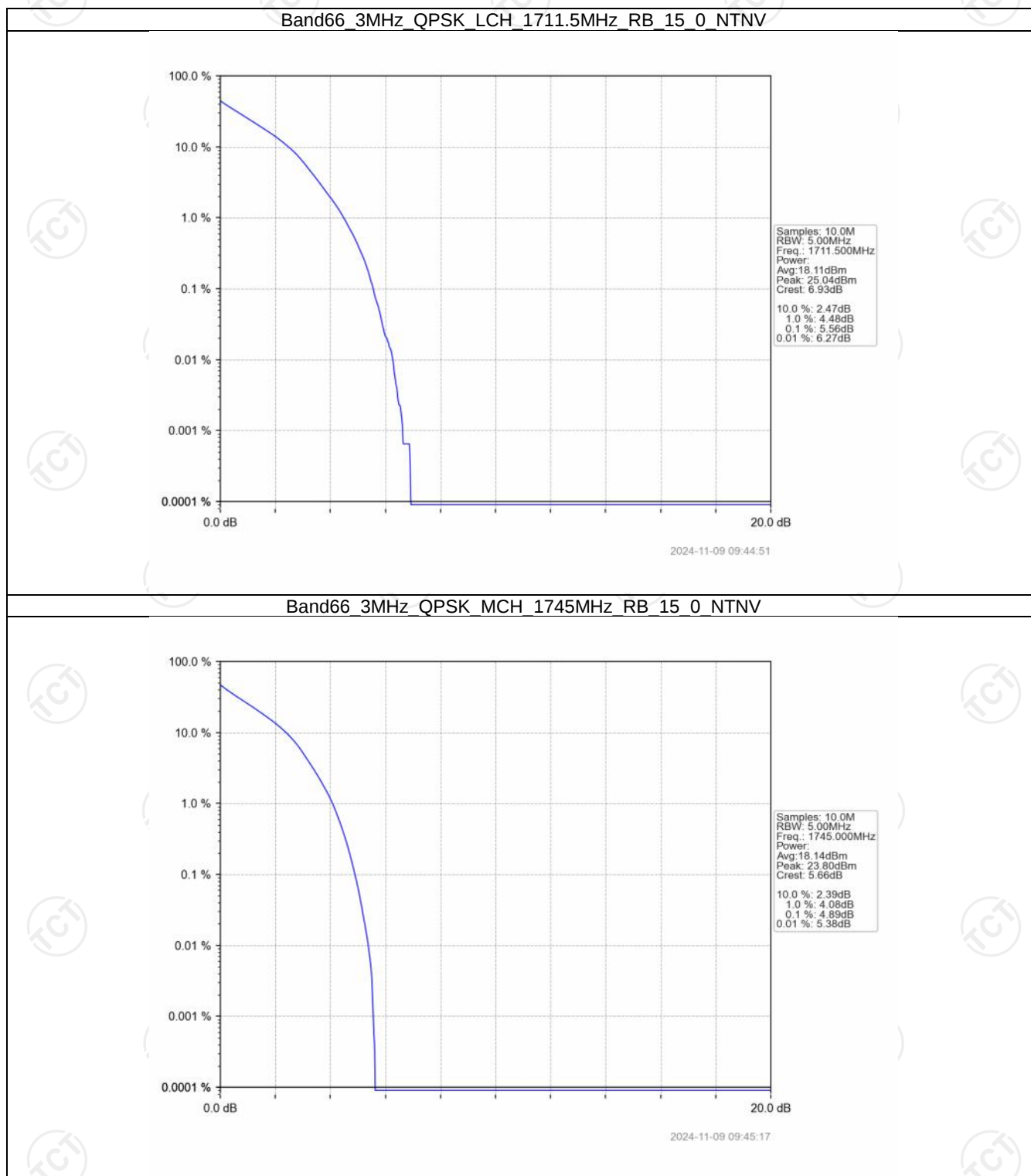
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Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV

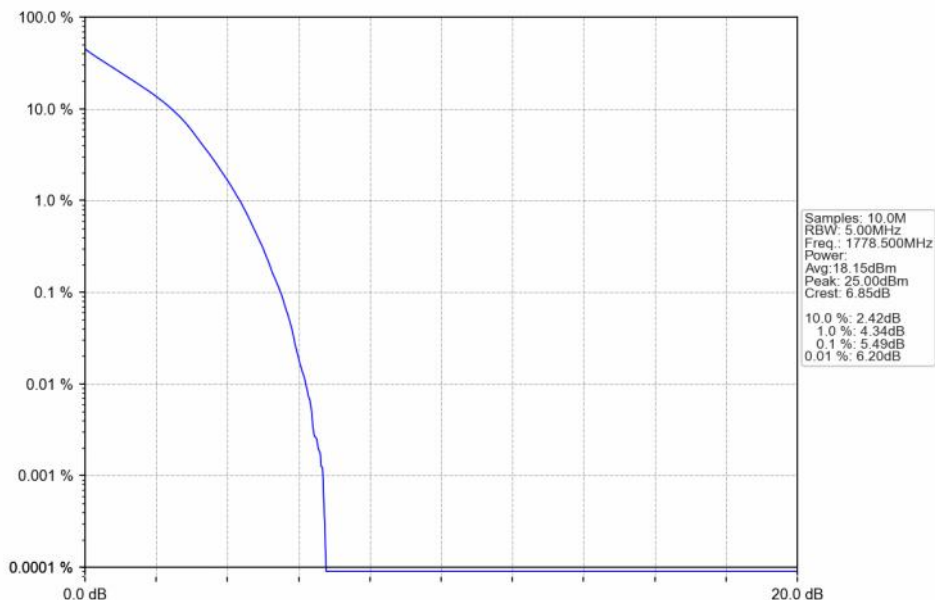


2024-11-09 09:44:12

5.2.2 B66_3MHz

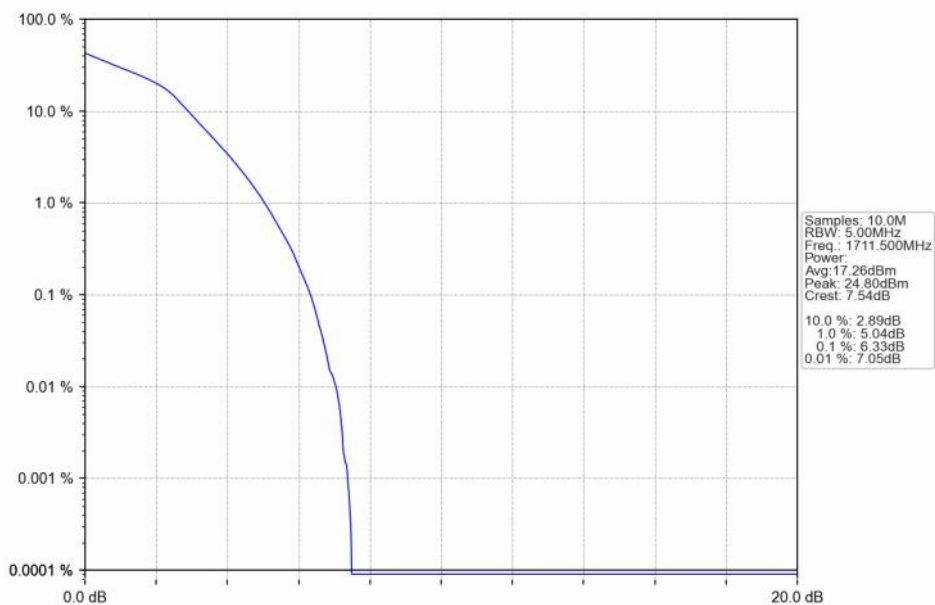


Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



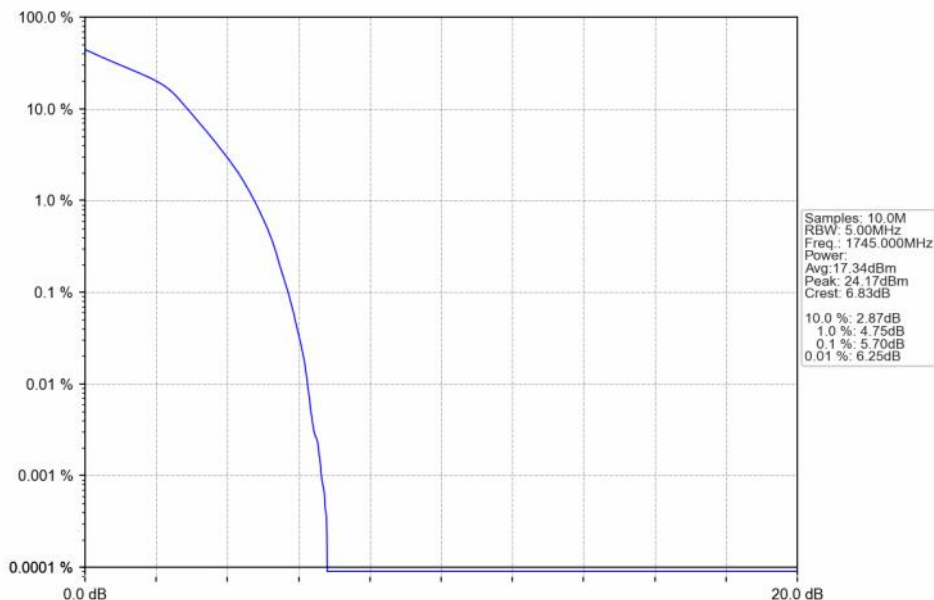
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Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



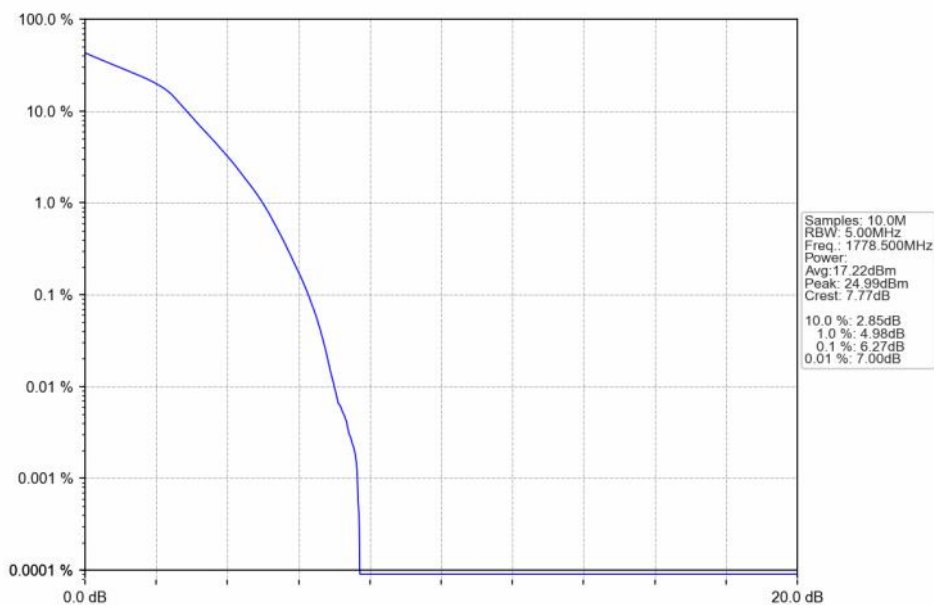
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Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



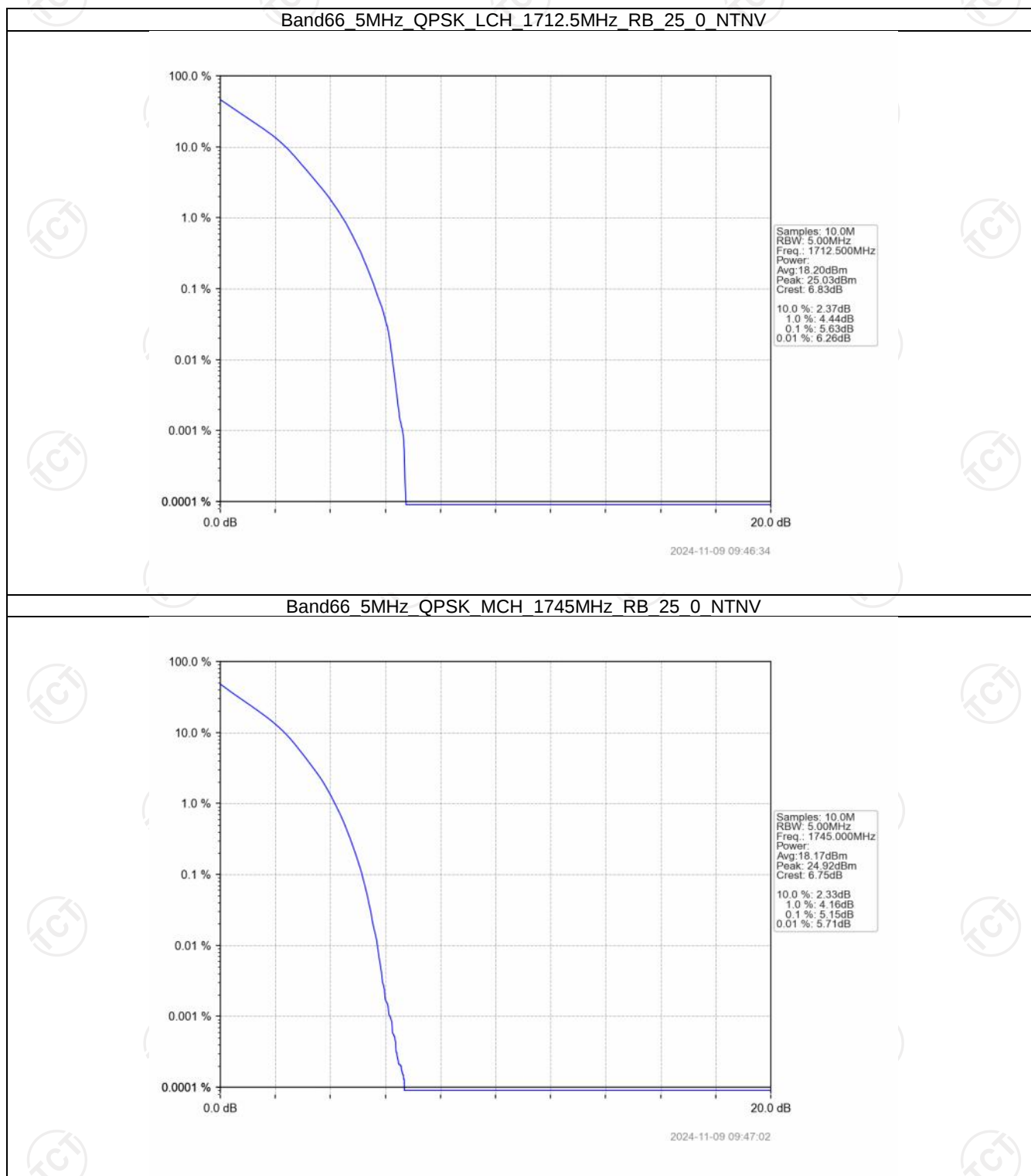
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Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV

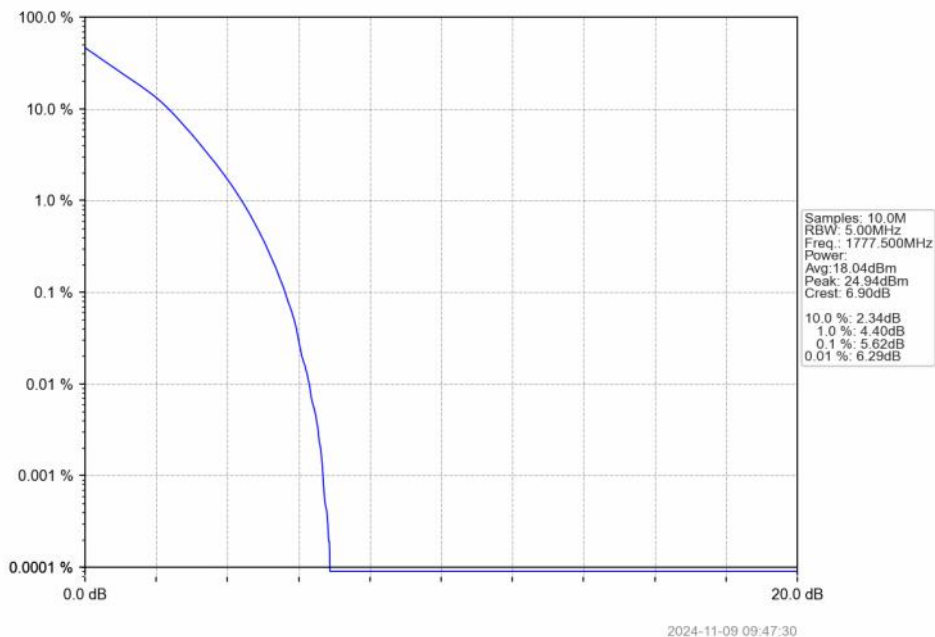


2024-11-09 09:45:56

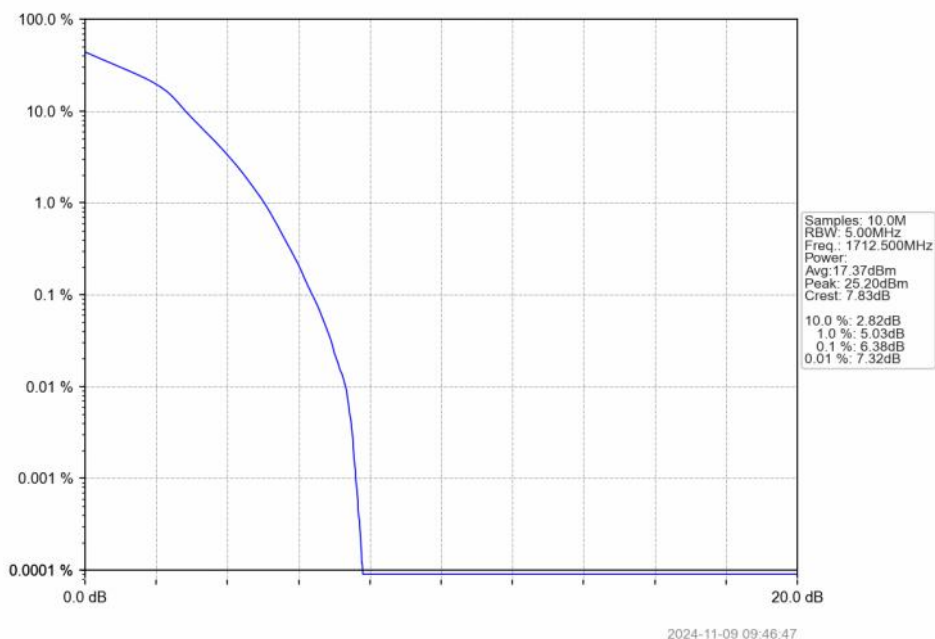
5.2.3 B66_5MHz



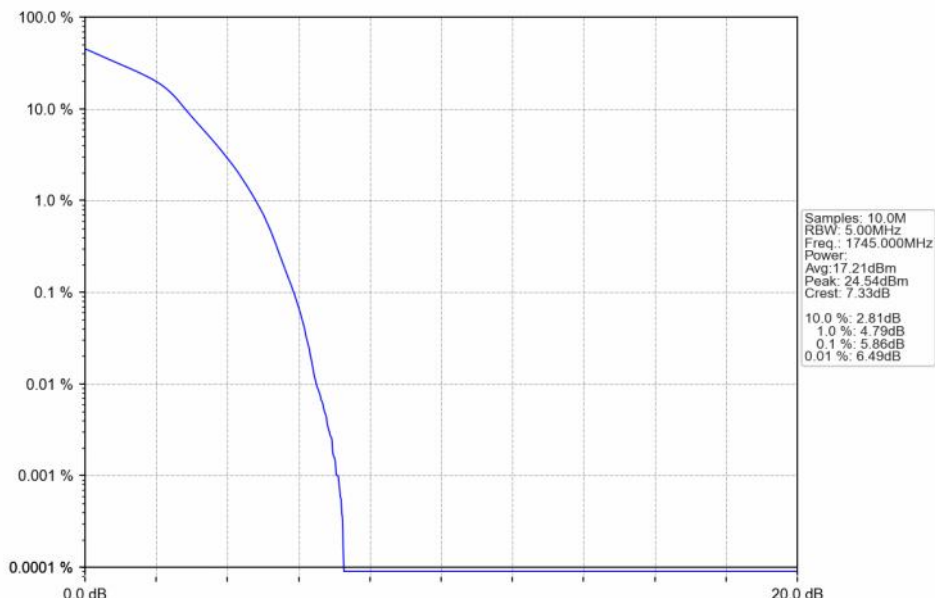
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



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

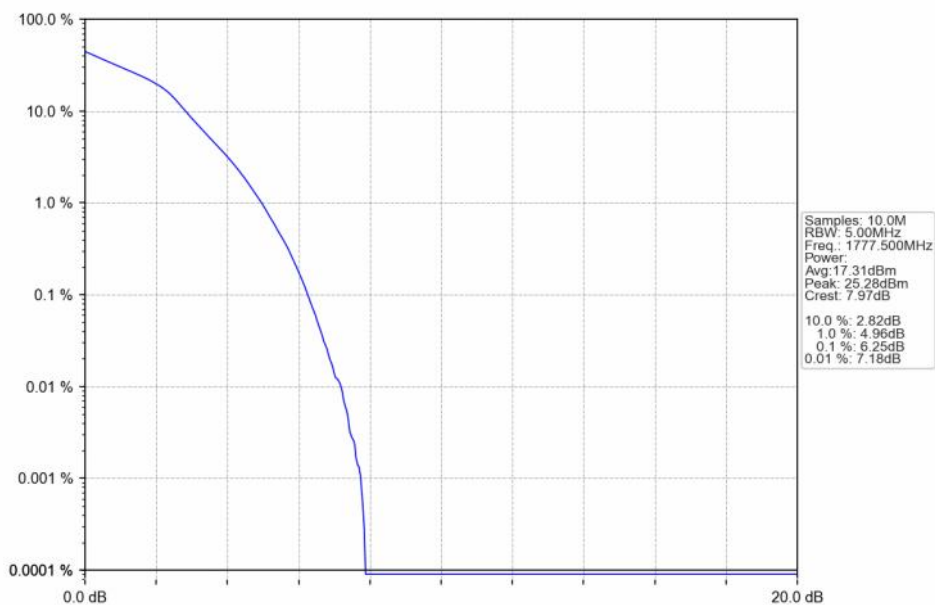


Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



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



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