

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B71_5MHz_ERP

Band: 71 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	21.36	-1.98	17.23	<=34.77	Pass
			13	21.58	-1.98	17.45	<=34.77	Pass
			24	21.50	-1.98	17.37	<=34.77	Pass
		12	0	20.57	-1.98	16.44	<=34.77	Pass
			6	20.70	-1.98	16.57	<=34.77	Pass
			13	20.58	-1.98	16.45	<=34.77	Pass
		25	0	20.67	-1.98	16.54	<=34.77	Pass
	680.5	1	0	21.53	-1.98	17.40	<=34.77	Pass
			13	21.46	-1.98	17.33	<=34.77	Pass
			24	21.38	-1.98	17.25	<=34.77	Pass
		12	0	20.63	-1.98	16.50	<=34.77	Pass
			6	20.53	-1.98	16.40	<=34.77	Pass
			13	20.59	-1.98	16.46	<=34.77	Pass
		25	0	20.64	-1.98	16.51	<=34.77	Pass
	695.5	1	0	21.36	-1.98	17.23	<=34.77	Pass
			13	21.38	-1.98	17.25	<=34.77	Pass
			24	21.28	-1.98	17.15	<=34.77	Pass
		12	0	20.32	-1.98	16.19	<=34.77	Pass
			6	20.46	-1.98	16.33	<=34.77	Pass
			13	20.44	-1.98	16.31	<=34.77	Pass
		25	0	20.54	-1.98	16.41	<=34.77	Pass
16QAM	665.5	1	0	20.91	-1.98	16.78	<=34.77	Pass
			13	21.06	-1.98	16.93	<=34.77	Pass
			24	21.13	-1.98	17.00	<=34.77	Pass
		12	0	19.94	-1.98	15.81	<=34.77	Pass
			6	19.59	-1.98	15.46	<=34.77	Pass
			13	19.54	-1.98	15.41	<=34.77	Pass
		25	0	19.52	-1.98	15.39	<=34.77	Pass
	680.5	1	0	20.44	-1.98	16.31	<=34.77	Pass
			13	20.33	-1.98	16.20	<=34.77	Pass
			24	20.54	-1.98	16.41	<=34.77	Pass
		12	0	19.97	-1.98	15.84	<=34.77	Pass
			6	19.97	-1.98	15.84	<=34.77	Pass
			13	19.55	-1.98	15.42	<=34.77	Pass
		25	0	20.05	-1.98	15.92	<=34.77	Pass
	695.5	1	0	21.08	-1.98	16.95	<=34.77	Pass
			13	21.13	-1.98	17.00	<=34.77	Pass
			24	21.03	-1.98	16.90	<=34.77	Pass
		12	0	19.86	-1.98	15.73	<=34.77	Pass
			6	19.40	-1.98	15.27	<=34.77	Pass
			13	19.39	-1.98	15.26	<=34.77	Pass
		25	0	19.55	-1.98	15.42	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	21.41	-1.98	17.28	<=34.77	Pass
			25	21.41	-1.98	17.28	<=34.77	Pass
			49	21.43	-1.98	17.30	<=34.77	Pass
		25	0	20.61	-1.98	16.48	<=34.77	Pass
			13	20.60	-1.98	16.47	<=34.77	Pass
			25	20.61	-1.98	16.48	<=34.77	Pass
		50	0	20.58	-1.98	16.45	<=34.77	Pass
	680.5	1	0	21.62	-1.98	17.49	<=34.77	Pass
			25	21.62	-1.98	17.49	<=34.77	Pass
			49	21.53	-1.98	17.40	<=34.77	Pass
		25	0	20.46	-1.98	16.33	<=34.77	Pass
			13	20.61	-1.98	16.48	<=34.77	Pass
			25	20.52	-1.98	16.39	<=34.77	Pass
		50	0	20.51	-1.98	16.38	<=34.77	Pass
	693	1	0	21.33	-1.98	17.20	<=34.77	Pass
			25	21.28	-1.98	17.15	<=34.77	Pass
			49	21.29	-1.98	17.16	<=34.77	Pass
		25	0	20.34	-1.98	16.21	<=34.77	Pass
			13	20.29	-1.98	16.16	<=34.77	Pass
			25	20.50	-1.98	16.37	<=34.77	Pass
16QAM	668	1	0	20.94	-1.98	16.81	<=34.77	Pass
			25	20.98	-1.98	16.85	<=34.77	Pass
			49	20.69	-1.98	16.56	<=34.77	Pass
		25	0	19.51	-1.98	15.38	<=34.77	Pass
			13	20.14	-1.98	16.01	<=34.77	Pass
			25	20.15	-1.98	16.02	<=34.77	Pass
		50	0	20.01	-1.98	15.88	<=34.77	Pass
	680.5	1	0	21.74	-1.98	17.61	<=34.77	Pass
			25	21.71	-1.98	17.58	<=34.77	Pass
			49	21.72	-1.98	17.59	<=34.77	Pass
		25	0	19.61	-1.98	15.48	<=34.77	Pass
			13	20.06	-1.98	15.93	<=34.77	Pass
			25	19.60	-1.98	15.47	<=34.77	Pass
		50	0	19.93	-1.98	15.80	<=34.77	Pass
	693	1	0	20.68	-1.98	16.55	<=34.77	Pass
			25	20.63	-1.98	16.50	<=34.77	Pass
			49	20.71	-1.98	16.58	<=34.77	Pass
		25	0	19.47	-1.98	15.34	<=34.77	Pass
			13	19.43	-1.98	15.30	<=34.77	Pass
			25	19.48	-1.98	15.35	<=34.77	Pass
		50	0	19.45	-1.98	15.32	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	21.44	-1.98	17.31	<=34.77	Pass
			38	21.51	-1.98	17.38	<=34.77	Pass
			74	21.52	-1.98	17.39	<=34.77	Pass
		36	0	20.54	-1.98	16.41	<=34.77	Pass
			18	20.54	-1.98	16.41	<=34.77	Pass
			39	20.50	-1.98	16.37	<=34.77	Pass

	680.5	75	0	20.62	-1.98	16.49	<=34.77	Pass	
		1	0	21.46	-1.98	17.33	<=34.77	Pass	
			38	21.39	-1.98	17.26	<=34.77	Pass	
			74	21.50	-1.98	17.37	<=34.77	Pass	
			0	20.50	-1.98	16.37	<=34.77	Pass	
		36	18	20.54	-1.98	16.41	<=34.77	Pass	
			39	20.51	-1.98	16.38	<=34.77	Pass	
			75	0	20.47	-1.98	16.34	<=34.77	Pass
		690.5	1	0	21.52	-1.98	17.39	<=34.77	Pass
				38	21.38	-1.98	17.25	<=34.77	Pass
	74			21.44	-1.98	17.31	<=34.77	Pass	
	36		0	20.41	-1.98	16.28	<=34.77	Pass	
			18	20.50	-1.98	16.37	<=34.77	Pass	
			39	20.41	-1.98	16.28	<=34.77	Pass	
	75		0	20.38	-1.98	16.25	<=34.77	Pass	
	16QAM		670.5	1	0	21.21	-1.98	17.08	<=34.77
38		21.46			-1.98	17.33	<=34.77	Pass	
74		21.43			-1.98	17.30	<=34.77	Pass	
36		0		20.05	-1.98	15.92	<=34.77	Pass	
		18		20.01	-1.98	15.88	<=34.77	Pass	
		39		19.56	-1.98	15.43	<=34.77	Pass	
75		0		20.07	-1.98	15.94	<=34.77	Pass	
680.5		1		0	21.01	-1.98	16.88	<=34.77	Pass
			38	21.14	-1.98	17.01	<=34.77	Pass	
			74	21.02	-1.98	16.89	<=34.77	Pass	
		36	0	19.59	-1.98	15.46	<=34.77	Pass	
			18	20.02	-1.98	15.89	<=34.77	Pass	
			39	19.57	-1.98	15.44	<=34.77	Pass	
		75	0	19.96	-1.98	15.83	<=34.77	Pass	
690.5		1	0	20.80	-1.98	16.67	<=34.77	Pass	
			38	20.79	-1.98	16.66	<=34.77	Pass	
			74	20.75	-1.98	16.62	<=34.77	Pass	
		36	0	19.96	-1.98	15.83	<=34.77	Pass	
			18	19.53	-1.98	15.40	<=34.77	Pass	
			39	20.06	-1.98	15.93	<=34.77	Pass	
		75	0	19.50	-1.98	15.37	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	21.52	-1.98	17.39	<=34.77	Pass
			50	21.49	-1.98	17.36	<=34.77	Pass
			99	21.56	-1.98	17.43	<=34.77	Pass
		50	0	20.52	-1.98	16.39	<=34.77	Pass
			25	20.49	-1.98	16.36	<=34.77	Pass
			50	20.54	-1.98	16.41	<=34.77	Pass
			100	20.60	-1.98	16.47	<=34.77	Pass
		1	0	21.45	-1.98	17.32	<=34.77	Pass
			50	21.41	-1.98	17.28	<=34.77	Pass
			99	21.41	-1.98	17.28	<=34.77	Pass
		50	0	20.43	-1.98	16.30	<=34.77	Pass
			25	20.45	-1.98	16.32	<=34.77	Pass
			50	20.38	-1.98	16.25	<=34.77	Pass
			100	20.54	-1.98	16.41	<=34.77	Pass

16QAM	688	1	0	21.47	-1.98	17.34	<=34.77	Pass
			50	21.42	-1.98	17.29	<=34.77	Pass
			99	21.42	-1.98	17.29	<=34.77	Pass
		50	0	20.36	-1.98	16.23	<=34.77	Pass
			25	20.29	-1.98	16.16	<=34.77	Pass
			50	20.29	-1.98	16.16	<=34.77	Pass
		100	0	20.32	-1.98	16.19	<=34.77	Pass
	673	1	0	21.20	-1.98	17.07	<=34.77	Pass
			50	21.36	-1.98	17.23	<=34.77	Pass
			99	21.43	-1.98	17.30	<=34.77	Pass
		50	0	20.00	-1.98	15.87	<=34.77	Pass
			25	19.52	-1.98	15.39	<=34.77	Pass
			50	19.51	-1.98	15.38	<=34.77	Pass
		100	0	19.68	-1.98	15.55	<=34.77	Pass
	683	1	0	21.73	-1.98	17.60	<=34.77	Pass
			50	21.72	-1.98	17.59	<=34.77	Pass
			99	21.72	-1.98	17.59	<=34.77	Pass
		50	0	19.65	-1.98	15.52	<=34.77	Pass
			25	19.66	-1.98	15.53	<=34.77	Pass
			50	20.03	-1.98	15.90	<=34.77	Pass
		100	0	19.47	-1.98	15.34	<=34.77	Pass
	688	1	0	20.80	-1.98	16.67	<=34.77	Pass
			50	20.75	-1.98	16.62	<=34.77	Pass
			99	20.72	-1.98	16.59	<=34.77	Pass
		50	0	19.50	-1.98	15.37	<=34.77	Pass
			25	19.94	-1.98	15.81	<=34.77	Pass
			50	19.55	-1.98	15.42	<=34.77	Pass
		100	0	19.89	-1.98	15.76	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	3.27	5.164	0.0078	-2.5 to 2.5	Pass
					3.85	-14.091	-0.0212	-2.5 to 2.5	Pass
					4.43	-25.620	-0.0385	-2.5 to 2.5	Pass
				-30	3.85	-39.668	-0.0596	-2.5 to 2.5	Pass
				-20	3.85	-49.925	-0.0750	-2.5 to 2.5	Pass
				-10	3.85	0.529	0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.349	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-5.879	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-9.799	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-21.372	-0.0321	-2.5 to 2.5	Pass
				50	3.85	-23.789	-0.0357	-2.5 to 2.5	Pass
				680.5	25	0	20	3.27	10.529
	3.85	10.271	0.0151					-2.5 to 2.5	Pass
	4.43	11.344	0.0167					-2.5 to 2.5	Pass
	-30	3.85	10.529				0.0155	-2.5 to 2.5	Pass
	-20	3.85	1.259				0.0019	-2.5 to 2.5	Pass
	-10	3.85	4.249				0.0062	-2.5 to 2.5	Pass

16QAM	695.5	25	0	0	3.85	4.163	0.0061	-2.5 to 2.5	Pass
				10	3.85	5.922	0.0087	-2.5 to 2.5	Pass
				30	3.85	2.575	0.0038	-2.5 to 2.5	Pass
				40	3.85	5.164	0.0076	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				20	3.27	-3.133	-0.0045	-2.5 to 2.5	Pass
					3.85	-5.178	-0.0074	-2.5 to 2.5	Pass
					4.43	-6.566	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-13.103	-0.0188	-2.5 to 2.5	Pass
	665.5	25	0	-10	3.85	-13.962	-0.0201	-2.5 to 2.5	Pass
				0	3.85	-13.361	-0.0192	-2.5 to 2.5	Pass
				10	3.85	-13.819	-0.0199	-2.5 to 2.5	Pass
				30	3.85	-14.634	-0.0210	-2.5 to 2.5	Pass
				40	3.85	-14.606	-0.0210	-2.5 to 2.5	Pass
				50	3.85	-12.846	-0.0185	-2.5 to 2.5	Pass
				20	3.27	-23.847	-0.0358	-2.5 to 2.5	Pass
					3.85	-18.826	-0.0283	-2.5 to 2.5	Pass
					4.43	-15.521	-0.0233	-2.5 to 2.5	Pass
				-30	3.85	-11.945	-0.0179	-2.5 to 2.5	Pass
16QAM	680.5	25	0	-20	3.85	-15.235	-0.0229	-2.5 to 2.5	Pass
				-10	3.85	-13.189	-0.0198	-2.5 to 2.5	Pass
				0	3.85	-11.001	-0.0165	-2.5 to 2.5	Pass
				10	3.85	-6.981	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-20.456	-0.0307	-2.5 to 2.5	Pass
				40	3.85	-26.493	-0.0398	-2.5 to 2.5	Pass
				50	3.85	-19.355	-0.0291	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	2.460	0.0036	-2.5 to 2.5	Pass
					3.85	7.095	0.0104	-2.5 to 2.5	Pass
					4.43	12.388	0.0182	-2.5 to 2.5	Pass
				-30	3.85	16.351	0.0240	-2.5 to 2.5	Pass
				-20	3.85	10.042	0.0148	-2.5 to 2.5	Pass
				-10	3.85	13.490	0.0198	-2.5 to 2.5	Pass
				0	3.85	15.807	0.0232	-2.5 to 2.5	Pass
				10	3.85	10.471	0.0154	-2.5 to 2.5	Pass
				30	3.85	1.302	0.0019	-2.5 to 2.5	Pass
				40	3.85	10.099	0.0148	-2.5 to 2.5	Pass
				50	3.85	8.612	0.0127	-2.5 to 2.5	Pass
	665.5	25	0	20	3.27	-12.217	-0.0176	-2.5 to 2.5	Pass
					3.85	-18.196	-0.0262	-2.5 to 2.5	Pass
					4.43	-14.133	-0.0203	-2.5 to 2.5	Pass
				-30	3.85	-11.158	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-6.309	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-9.727	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-11.258	-0.0162	-2.5 to 2.5	Pass
				10	3.85	-26.593	-0.0382	-2.5 to 2.5	Pass
				30	3.85	-20.056	-0.0288	-2.5 to 2.5	Pass
				40	3.85	-14.205	-0.0204	-2.5 to 2.5	Pass
				50	3.85	-10.657	-0.0153	-2.5 to 2.5	Pass

2.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	668	50	0	20	3.27	-6.037	-0.0090	-2.5 to 2.5	Pass
					3.85	-14.992	-0.0224	-2.5 to 2.5	Pass

16QAM	680.5	50	0		4.43	-15.635	-0.0234	-2.5 to 2.5	Pass
				-30	3.85	-48.680	-0.0729	-2.5 to 2.5	Pass
				-20	3.85	-18.353	-0.0275	-2.5 to 2.5	Pass
				-10	3.85	-39.067	-0.0585	-2.5 to 2.5	Pass
				0	3.85	-50.497	-0.0756	-2.5 to 2.5	Pass
				10	3.85	-17.924	-0.0268	-2.5 to 2.5	Pass
				30	3.85	-24.920	-0.0373	-2.5 to 2.5	Pass
				40	3.85	-28.539	-0.0427	-2.5 to 2.5	Pass
				50	3.85	-21.987	-0.0329	-2.5 to 2.5	Pass
	693	50	0	20	3.27	16.794	0.0247	-2.5 to 2.5	Pass
					3.85	19.641	0.0289	-2.5 to 2.5	Pass
					4.43	16.665	0.0245	-2.5 to 2.5	Pass
				-30	3.85	15.965	0.0235	-2.5 to 2.5	Pass
				-20	3.85	18.454	0.0271	-2.5 to 2.5	Pass
				-10	3.85	5.007	0.0074	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-21.615	-0.0318	-2.5 to 2.5	Pass
				30	3.85	-41.428	-0.0609	-2.5 to 2.5	Pass
				40	3.85	-35.892	-0.0527	-2.5 to 2.5	Pass
				50	3.85	-33.989	-0.0499	-2.5 to 2.5	Pass
	693	50	0	20	3.27	4.449	0.0064	-2.5 to 2.5	Pass
					3.85	4.692	0.0068	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-14.491	-0.0209	-2.5 to 2.5	Pass
				-20	3.85	-26.965	-0.0389	-2.5 to 2.5	Pass
				-10	3.85	-19.212	-0.0277	-2.5 to 2.5	Pass
				0	3.85	-16.894	-0.0244	-2.5 to 2.5	Pass
				10	3.85	-24.476	-0.0353	-2.5 to 2.5	Pass
				30	3.85	-18.811	-0.0271	-2.5 to 2.5	Pass
				40	3.85	-17.352	-0.0250	-2.5 to 2.5	Pass
				50	3.85	-16.809	-0.0243	-2.5 to 2.5	Pass
	668	50	0	20	3.27	-27.709	-0.0415	-2.5 to 2.5	Pass
					3.85	-30.513	-0.0457	-2.5 to 2.5	Pass
					4.43	-25.506	-0.0382	-2.5 to 2.5	Pass
				-30	3.85	-15.593	-0.0233	-2.5 to 2.5	Pass
				-20	3.85	-12.031	-0.0180	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-6.652	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-1.960	-0.0029	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-39.282	-0.0577	-2.5 to 2.5	Pass
					3.85	-41.227	-0.0606	-2.5 to 2.5	Pass
					4.43	-34.633	-0.0509	-2.5 to 2.5	Pass
				-30	3.85	-30.499	-0.0448	-2.5 to 2.5	Pass
				-20	3.85	-27.065	-0.0398	-2.5 to 2.5	Pass
				-10	3.85	-33.875	-0.0498	-2.5 to 2.5	Pass
				0	3.85	-35.005	-0.0514	-2.5 to 2.5	Pass
				10	3.85	-29.454	-0.0433	-2.5 to 2.5	Pass
				30	3.85	-25.663	-0.0377	-2.5 to 2.5	Pass
				40	3.85	-24.304	-0.0357	-2.5 to 2.5	Pass
				50	3.85	-31.056	-0.0456	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-13.704	-0.0198	-2.5 to 2.5	Pass
					3.85	-15.106	-0.0218	-2.5 to 2.5	Pass
					4.43	-9.513	-0.0137	-2.5 to 2.5	Pass
				-30	3.85	-4.506	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	2.060	0.0030	-2.5 to 2.5	Pass
				-10	3.85	4.435	0.0064	-2.5 to 2.5	Pass

				0	3.85	7.167	0.0103	-2.5 to 2.5	Pass
				10	3.85	-2.847	-0.0041	-2.5 to 2.5	Pass
				30	3.85	2.804	0.0040	-2.5 to 2.5	Pass
				40	3.85	7.467	0.0108	-2.5 to 2.5	Pass
				50	3.85	12.302	0.0178	-2.5 to 2.5	Pass

2.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	670.5	75	0	20	3.27	-14.405	-0.0215	-2.5 to 2.5	Pass
					3.85	-27.680	-0.0413	-2.5 to 2.5	Pass
					4.43	-27.251	-0.0406	-2.5 to 2.5	Pass
				-30	3.85	-4.163	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-22.016	-0.0328	-2.5 to 2.5	Pass
				-10	3.85	-38.567	-0.0575	-2.5 to 2.5	Pass
				0	3.85	-24.462	-0.0365	-2.5 to 2.5	Pass
				10	3.85	-23.675	-0.0353	-2.5 to 2.5	Pass
				30	3.85	-29.712	-0.0443	-2.5 to 2.5	Pass
				40	3.85	-34.361	-0.0512	-2.5 to 2.5	Pass
				50	3.85	-35.691	-0.0532	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	7.868	0.0116	-2.5 to 2.5	Pass
					3.85	6.266	0.0092	-2.5 to 2.5	Pass
					4.43	2.847	0.0042	-2.5 to 2.5	Pass
				-30	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.315	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0017	-2.5 to 2.5	Pass
				10	3.85	3.891	0.0057	-2.5 to 2.5	Pass
				30	3.85	13.218	0.0194	-2.5 to 2.5	Pass
				40	3.85	22.058	0.0324	-2.5 to 2.5	Pass
				50	3.85	16.723	0.0246	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-4.907	-0.0071	-2.5 to 2.5	Pass
					3.85	-17.824	-0.0258	-2.5 to 2.5	Pass
					4.43	-25.134	-0.0364	-2.5 to 2.5	Pass
				-30	3.85	-38.123	-0.0552	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-17.581	-0.0255	-2.5 to 2.5	Pass
				10	3.85	-14.534	-0.0210	-2.5 to 2.5	Pass
				30	3.85	-19.355	-0.0280	-2.5 to 2.5	Pass
				40	3.85	-21.429	-0.0310	-2.5 to 2.5	Pass
				50	3.85	-21.701	-0.0314	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-43.588	-0.0650	-2.5 to 2.5	Pass
					3.85	-38.495	-0.0574	-2.5 to 2.5	Pass
					4.43	-34.246	-0.0511	-2.5 to 2.5	Pass
				-30	3.85	-24.548	-0.0366	-2.5 to 2.5	Pass
				-20	3.85	-2.804	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0066	-2.5 to 2.5	Pass
				0	3.85	-17.982	-0.0268	-2.5 to 2.5	Pass
				10	3.85	-15.793	-0.0236	-2.5 to 2.5	Pass
				30	3.85	-19.441	-0.0290	-2.5 to 2.5	Pass
				40	3.85	-15.321	-0.0229	-2.5 to 2.5	Pass
				50	3.85	-12.646	-0.0189	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	16.308	0.0240	-2.5 to 2.5	Pass
					3.85	21.086	0.0310	-2.5 to 2.5	Pass

					4.43	32.530	0.0478	-2.5 to 2.5	Pass
				-30	3.85	38.667	0.0568	-2.5 to 2.5	Pass
				-20	3.85	49.338	0.0725	-2.5 to 2.5	Pass
				-10	3.85	2.918	0.0043	-2.5 to 2.5	Pass
				0	3.85	4.520	0.0066	-2.5 to 2.5	Pass
				10	3.85	10.629	0.0156	-2.5 to 2.5	Pass
				30	3.85	16.952	0.0249	-2.5 to 2.5	Pass
				40	3.85	19.012	0.0279	-2.5 to 2.5	Pass
				50	3.85	23.117	0.0340	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-20.742	-0.0300	-2.5 to 2.5	Pass
					3.85	-17.452	-0.0253	-2.5 to 2.5	Pass
					4.43	-19.784	-0.0287	-2.5 to 2.5	Pass
				-30	3.85	-15.836	-0.0229	-2.5 to 2.5	Pass
				-20	3.85	-11.086	-0.0161	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-9.170	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-7.882	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-30.127	-0.0436	-2.5 to 2.5	Pass

2.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	673	100	0	20	3.27	-5.736	-0.0085	-2.5 to 2.5	Pass
					3.85	-44.460	-0.0661	-2.5 to 2.5	Pass
					4.43	-22.244	-0.0331	-2.5 to 2.5	Pass
				-30	3.85	-48.122	-0.0715	-2.5 to 2.5	Pass
				-20	3.85	-1.030	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-10.071	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-14.119	-0.0210	-2.5 to 2.5	Pass
				10	3.85	-28.796	-0.0428	-2.5 to 2.5	Pass
				30	3.85	-30.198	-0.0449	-2.5 to 2.5	Pass
				40	3.85	-31.257	-0.0464	-2.5 to 2.5	Pass
				50	3.85	-31.343	-0.0466	-2.5 to 2.5	Pass
	683	100	0	20	3.27	4.435	0.0065	-2.5 to 2.5	Pass
					3.85	-6.981	-0.0102	-2.5 to 2.5	Pass
					4.43	-37.708	-0.0552	-2.5 to 2.5	Pass
				-30	3.85	-36.335	-0.0532	-2.5 to 2.5	Pass
				-20	3.85	-36.907	-0.0540	-2.5 to 2.5	Pass
				-10	3.85	-39.797	-0.0583	-2.5 to 2.5	Pass
				0	3.85	-41.957	-0.0614	-2.5 to 2.5	Pass
				10	3.85	-39.625	-0.0580	-2.5 to 2.5	Pass
				30	3.85	-46.048	-0.0674	-2.5 to 2.5	Pass
				40	3.85	-37.909	-0.0555	-2.5 to 2.5	Pass
				50	3.85	-27.308	-0.0400	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-5.851	-0.0085	-2.5 to 2.5	Pass
					3.85	-24.705	-0.0359	-2.5 to 2.5	Pass
					4.43	-28.324	-0.0412	-2.5 to 2.5	Pass
				-30	3.85	-30.527	-0.0444	-2.5 to 2.5	Pass
				-20	3.85	-36.035	-0.0524	-2.5 to 2.5	Pass
				-10	3.85	-32.845	-0.0477	-2.5 to 2.5	Pass
				0	3.85	-31.557	-0.0459	-2.5 to 2.5	Pass
				10	3.85	-32.315	-0.0470	-2.5 to 2.5	Pass
				30	3.85	-40.627	-0.0591	-2.5 to 2.5	Pass

16QAM	673	100	0	40	3.85	-42.429	-0.0617	-2.5 to 2.5	Pass
				50	3.85	-47.593	-0.0692	-2.5 to 2.5	Pass
				20	3.27	-36.635	-0.0544	-2.5 to 2.5	Pass
					3.85	-28.696	-0.0426	-2.5 to 2.5	Pass
					4.43	-23.789	-0.0353	-2.5 to 2.5	Pass
				-30	3.85	-30.499	-0.0453	-2.5 to 2.5	Pass
				-20	3.85	-41.542	-0.0617	-2.5 to 2.5	Pass
				-10	3.85	-33.245	-0.0494	-2.5 to 2.5	Pass
				0	3.85	-30.227	-0.0449	-2.5 to 2.5	Pass
				10	3.85	-32.244	-0.0479	-2.5 to 2.5	Pass
	683	100	0	30	3.85	-27.337	-0.0406	-2.5 to 2.5	Pass
				40	3.85	-31.972	-0.0475	-2.5 to 2.5	Pass
				50	3.85	-25.034	-0.0372	-2.5 to 2.5	Pass
				20	3.27	-19.569	-0.0287	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0113	-2.5 to 2.5	Pass
					4.43	-5.665	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-13.475	-0.0197	-2.5 to 2.5	Pass
				-20	3.85	-11.830	-0.0173	-2.5 to 2.5	Pass
				-10	3.85	-11.659	-0.0171	-2.5 to 2.5	Pass
				0	3.85	-9.971	-0.0146	-2.5 to 2.5	Pass
	688	100	0	10	3.85	-11.587	-0.0170	-2.5 to 2.5	Pass
				30	3.85	-15.306	-0.0224	-2.5 to 2.5	Pass
				40	3.85	-9.542	-0.0140	-2.5 to 2.5	Pass
				50	3.85	-9.012	-0.0132	-2.5 to 2.5	Pass
				20	3.27	-47.493	-0.0690	-2.5 to 2.5	Pass
					3.85	8.469	0.0123	-2.5 to 2.5	Pass
					4.43	10.815	0.0157	-2.5 to 2.5	Pass
				-30	3.85	14.505	0.0211	-2.5 to 2.5	Pass
				-20	3.85	16.837	0.0245	-2.5 to 2.5	Pass
				-10	3.85	16.294	0.0237	-2.5 to 2.5	Pass
				0	3.85	6.981	0.0101	-2.5 to 2.5	Pass
				10	3.85	12.374	0.0180	-2.5 to 2.5	Pass
				30	3.85	15.335	0.0223	-2.5 to 2.5	Pass
				40	3.85	17.281	0.0251	-2.5 to 2.5	Pass
				50	3.85	20.986	0.0305	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	680.5	25	0	Refer To Test Graph	
16QAM	680.5	25	0	Refer To Test Graph	

3.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	680.5	50	0	Refer To Test Graph	
16QAM	680.5	50	0	Refer To Test Graph	

3.1.3 B71_15MHz

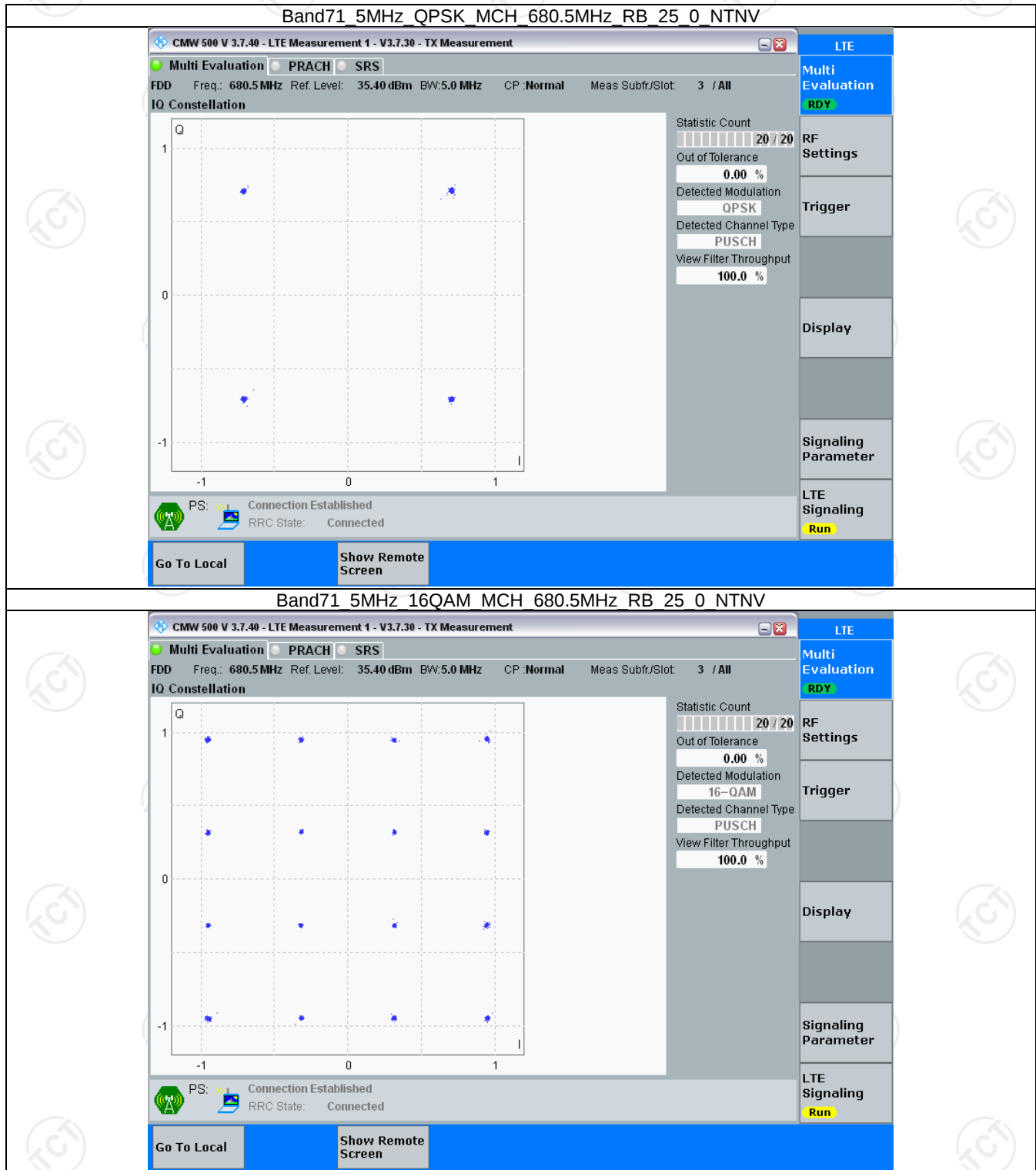
Band: 71 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	75	0	Refer To Test Graph		Pass
16QAM	680.5	75	0	Refer To Test Graph		Pass

3.1.4 B71_20MHz

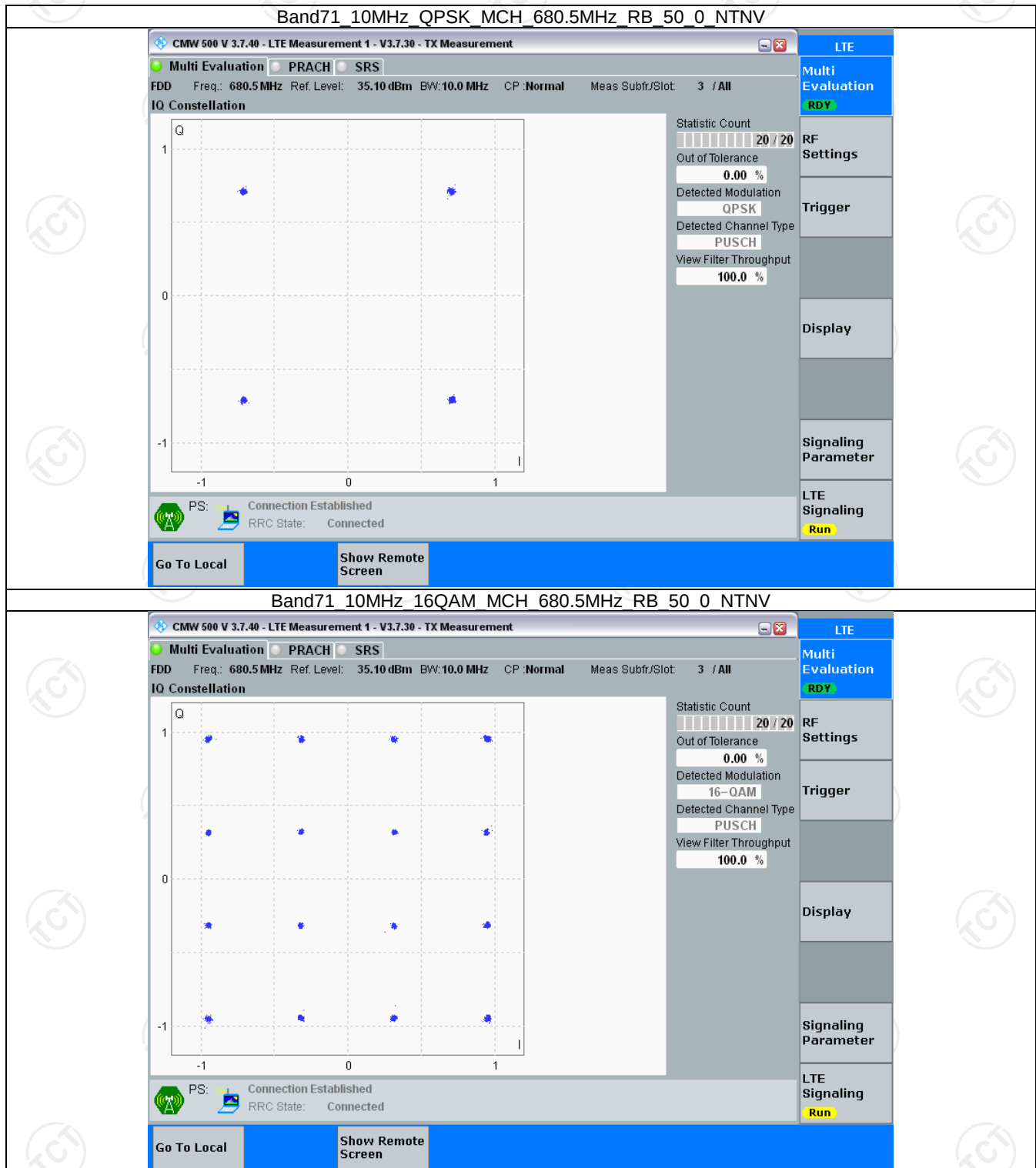
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass

3.2 Test Graph

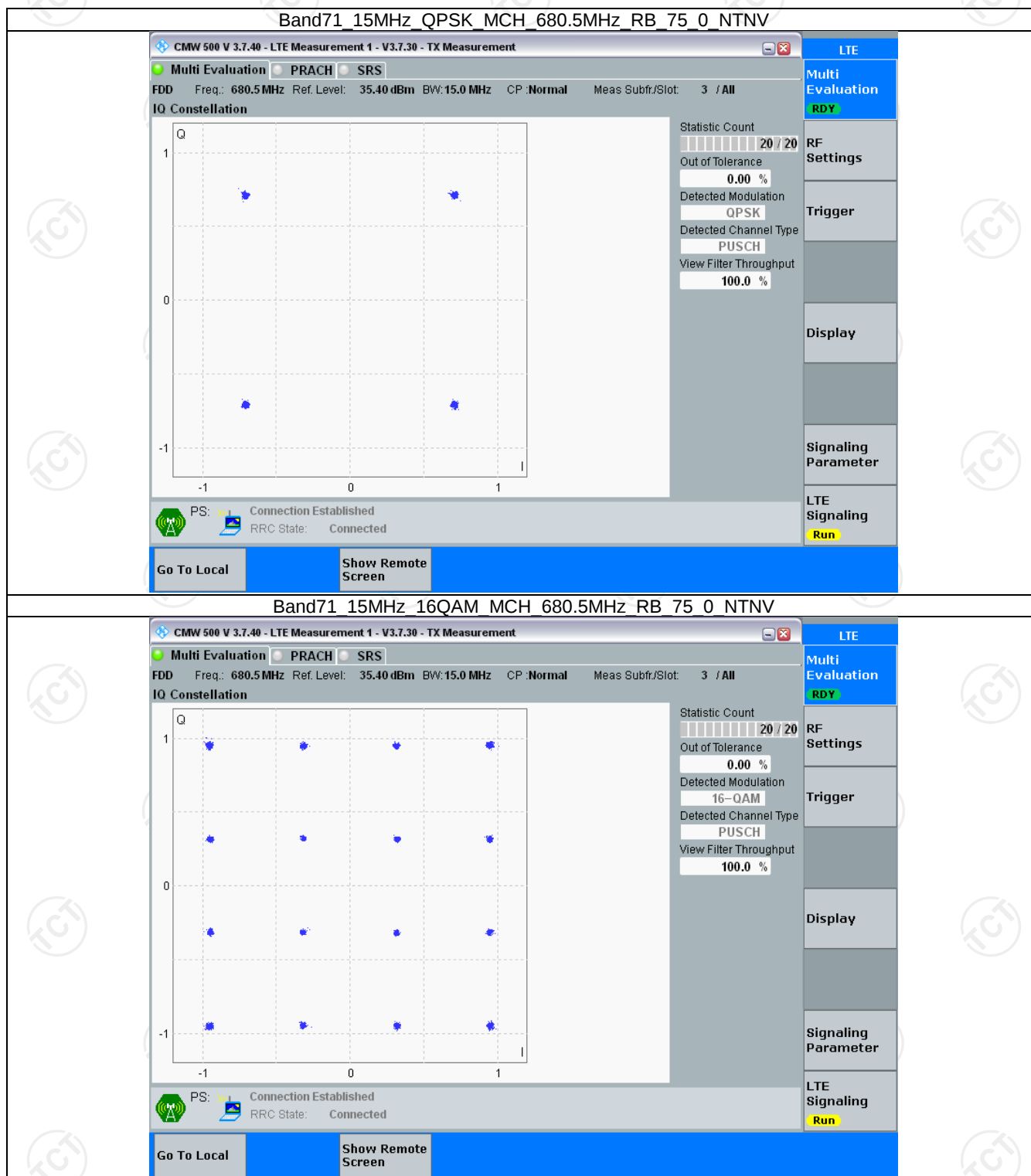
3.2.1 B71_5MHz



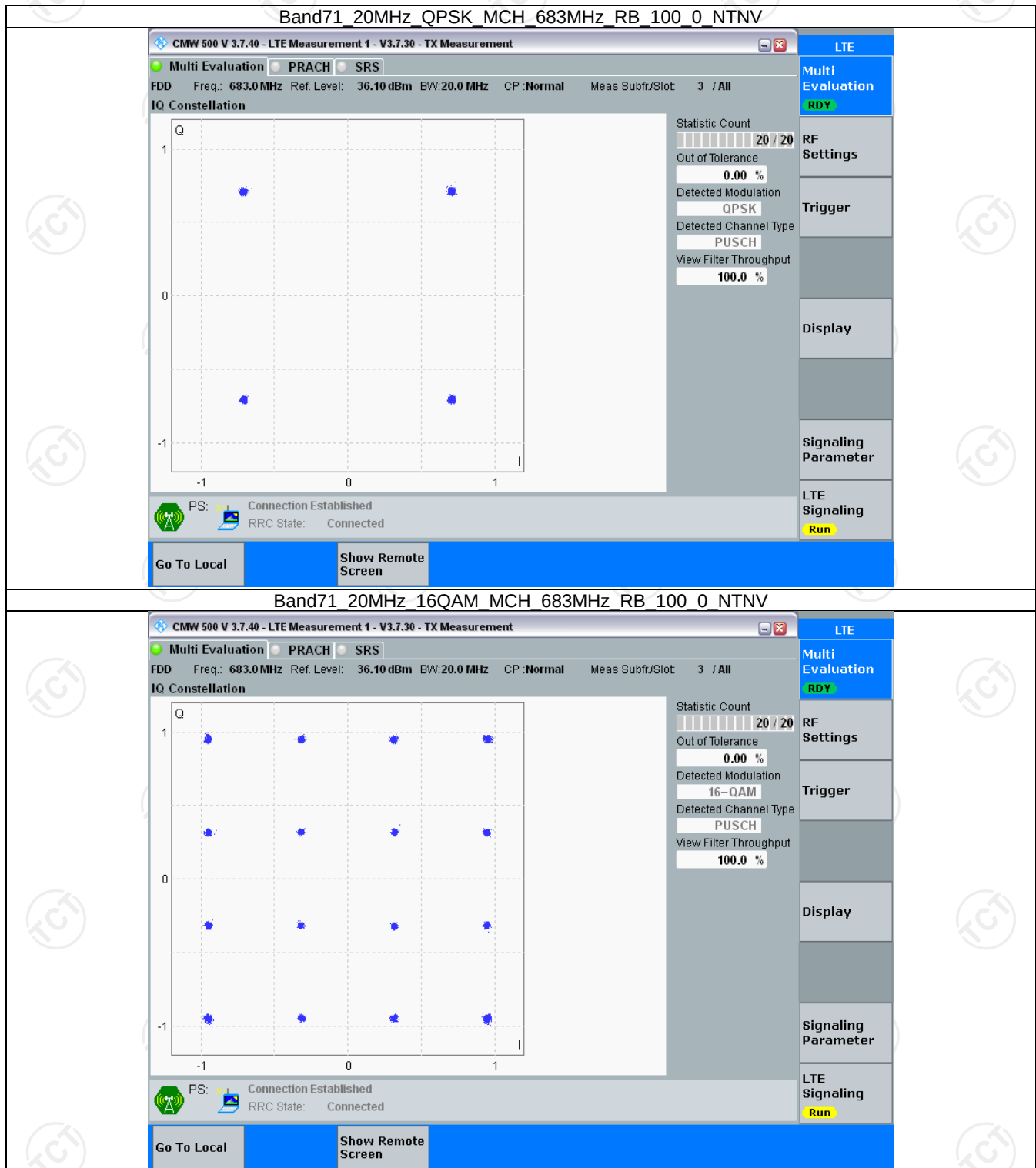
3.2.2 B71_10MHz



3.2.3 B71_15MHz



3.2.4 B71_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band71_OBW

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.567	/	Pass
		680.5	25	0	4.555	/	Pass
		695.5	25	0	4.537	/	Pass
	16QAM	665.5	25	0	4.538	/	Pass
		680.5	25	0	4.576	/	Pass
		695.5	25	0	4.555	/	Pass
10	QPSK	668	50	0	9.049	/	Pass
		680.5	50	0	9.056	/	Pass
		693	50	0	9.059	/	Pass
	16QAM	668	50	0	9.075	/	Pass
		680.5	50	0	9.063	/	Pass
		693	50	0	9.071	/	Pass
15	QPSK	670.5	75	0	13.578	/	Pass
		680.5	75	0	13.575	/	Pass
		690.5	75	0	13.567	/	Pass
	16QAM	670.5	75	0	13.575	/	Pass
		680.5	75	0	13.605	/	Pass
		690.5	75	0	13.593	/	Pass
20	QPSK	673	100	0	18.082	/	Pass
		683	100	0	18.097	/	Pass
		688	100	0	18.104	/	Pass
	16QAM	673	100	0	18.054	/	Pass
		683	100	0	18.186	/	Pass
		688	100	0	18.171	/	Pass

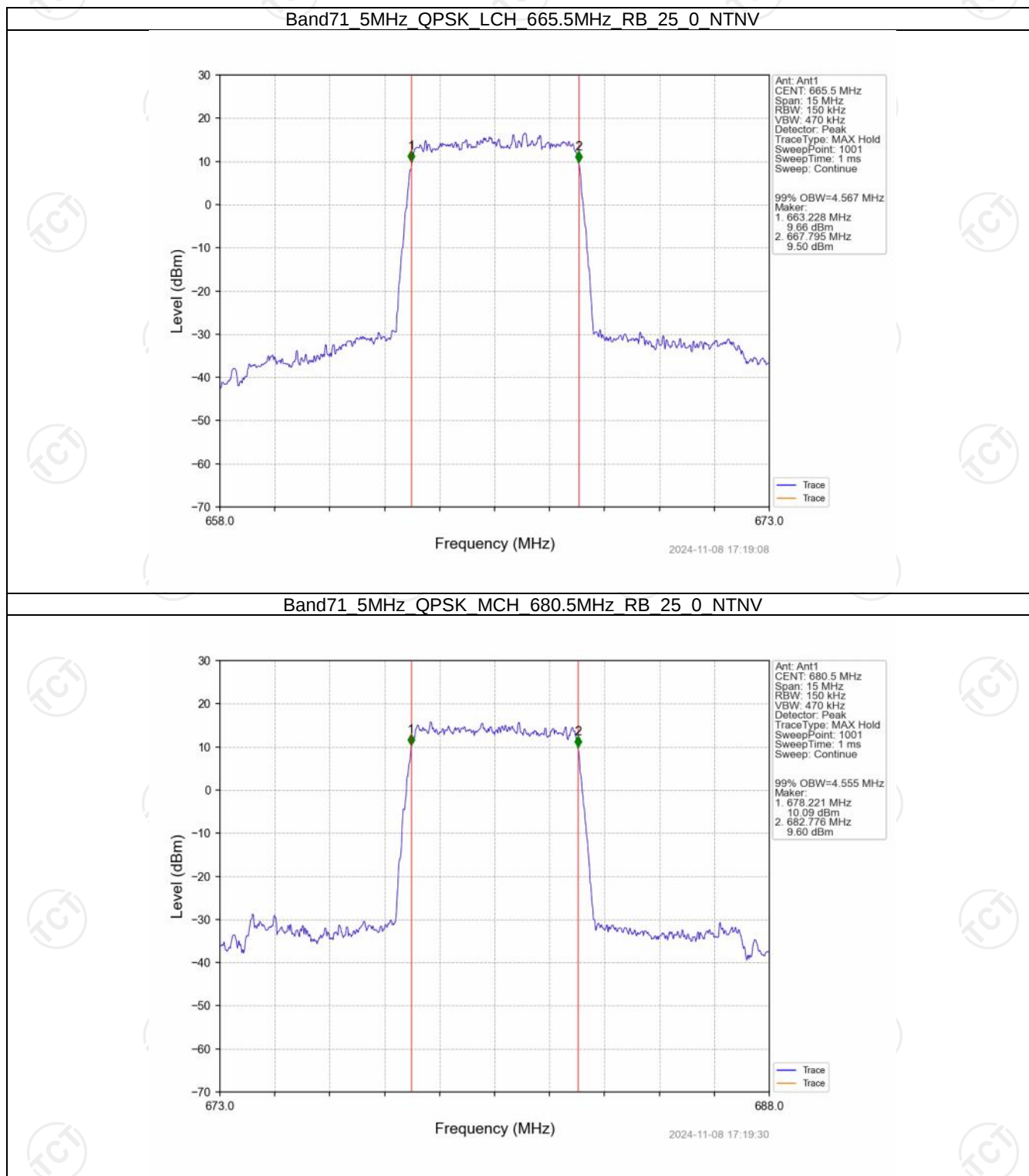
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.020	/	Pass
		680.5	25	0	5.042	/	Pass
		695.5	25	0	5.077	/	Pass
	16QAM	665.5	25	0	5.034	/	Pass
		680.5	25	0	5.064	/	Pass
		695.5	25	0	5.100	/	Pass
10	QPSK	668	50	0	10.040	/	Pass
		680.5	50	0	9.995	/	Pass
		693	50	0	10.039	/	Pass
	16QAM	668	50	0	10.059	/	Pass
		680.5	50	0	10.020	/	Pass
		693	50	0	10.055	/	Pass
15	QPSK	670.5	75	0	15.184	/	Pass
		680.5	75	0	15.106	/	Pass
		690.5	75	0	15.142	/	Pass

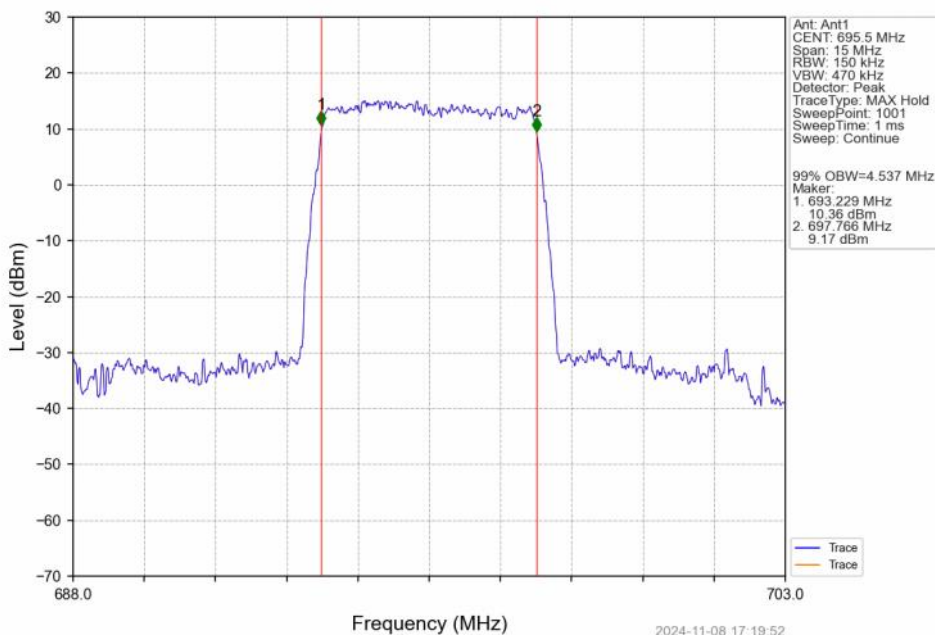
20	16QAM	670.5	75	0	15.186	/	Pass
		680.5	75	0	15.208	/	Pass
		690.5	75	0	15.121	/	Pass
	QPSK	673	100	0	20.021	/	Pass
		683	100	0	20.047	/	Pass
		688	100	0	19.939	/	Pass
	16QAM	673	100	0	20.047	/	Pass
		683	100	0	20.082	/	Pass
		688	100	0	20.071	/	Pass

4.2 Test Graph

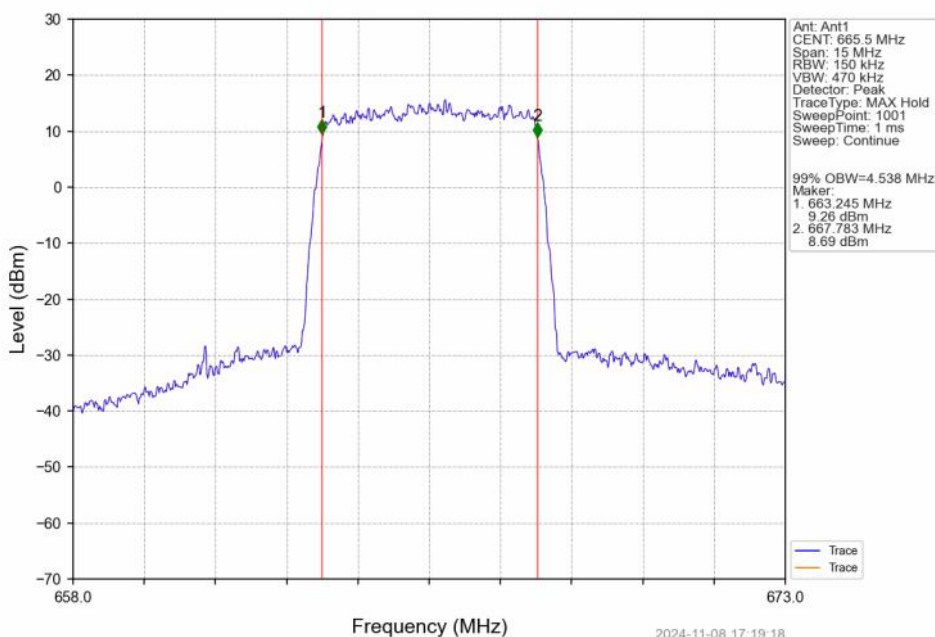
4.2.1 Band71_OBW



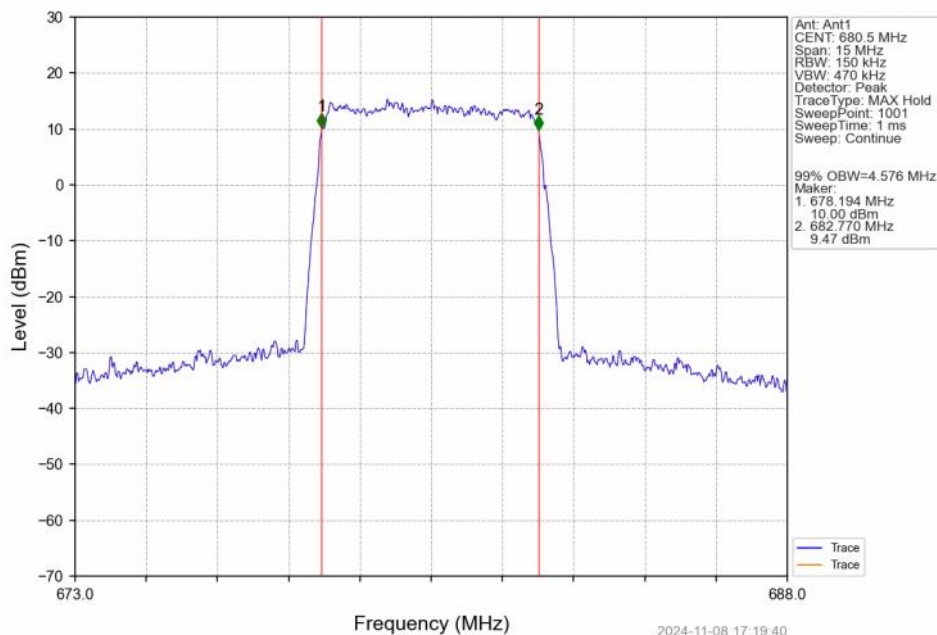
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



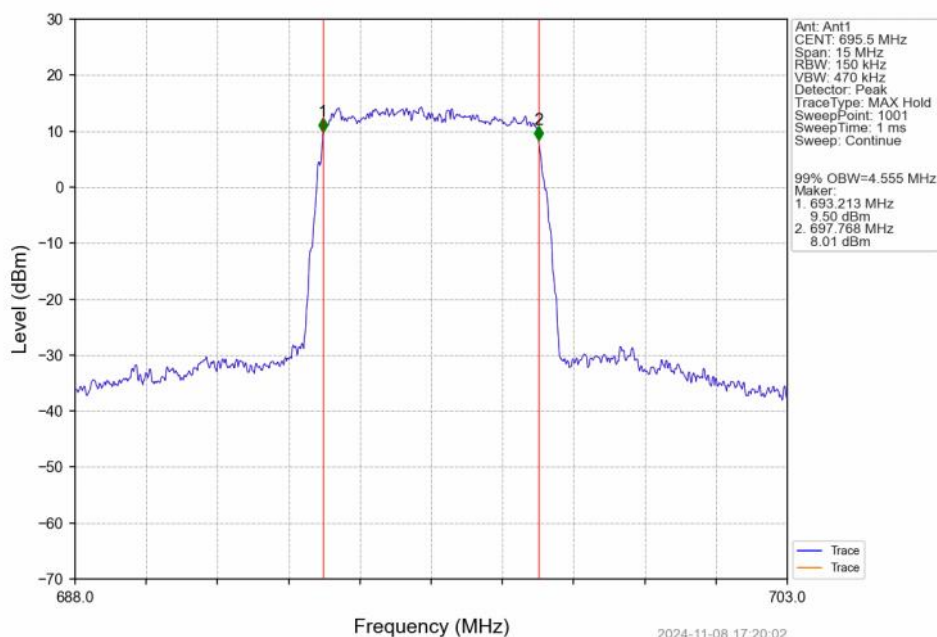
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



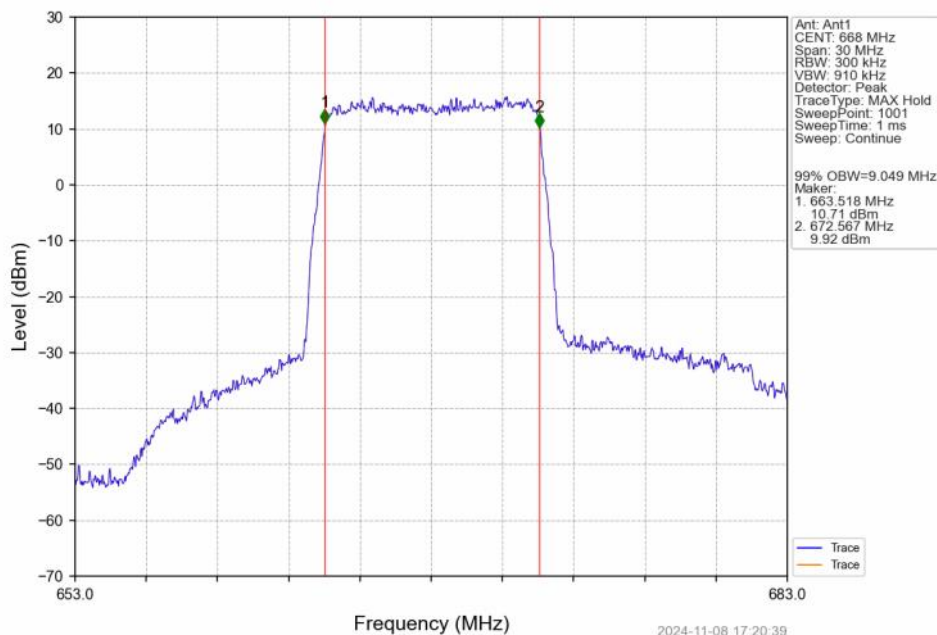
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



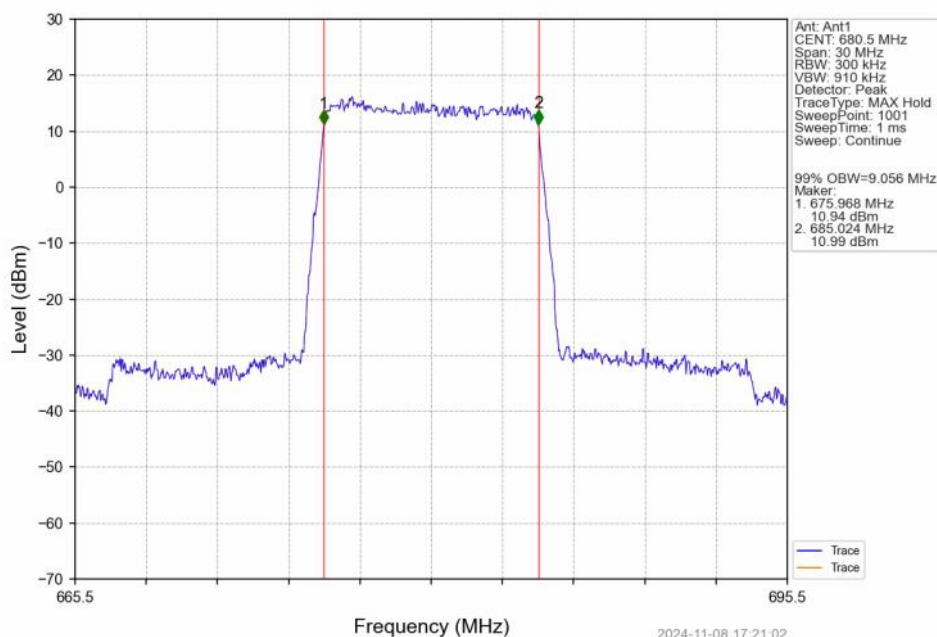
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



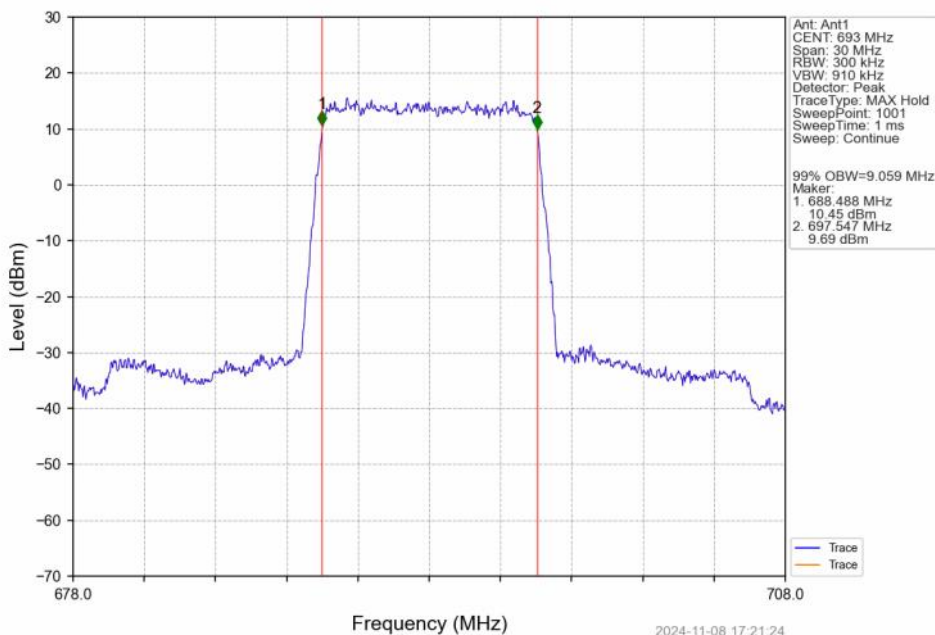
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



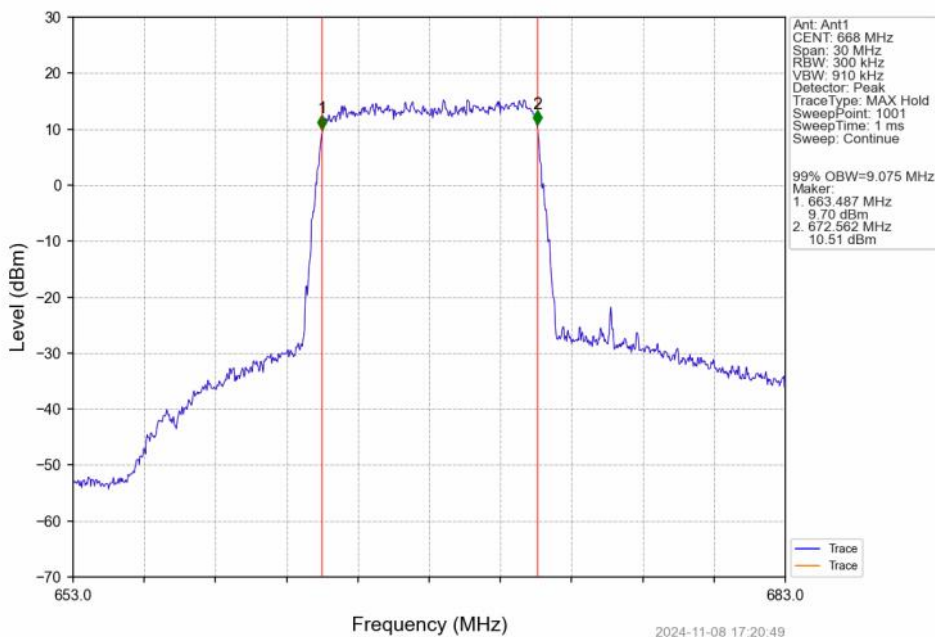
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



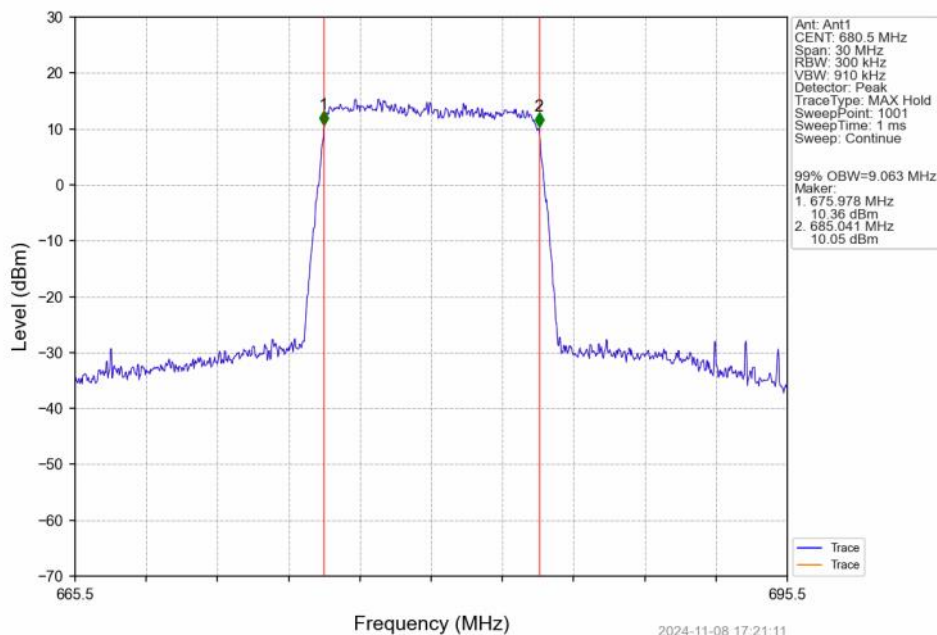
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



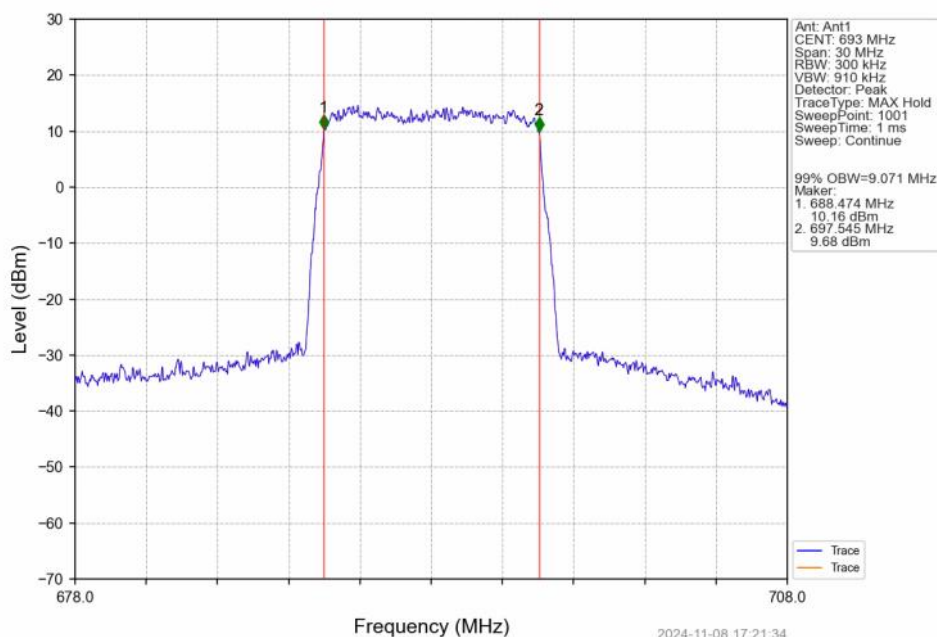
Band71_10MHz_16QAM LCH 668MHz RB 50 0 NTN



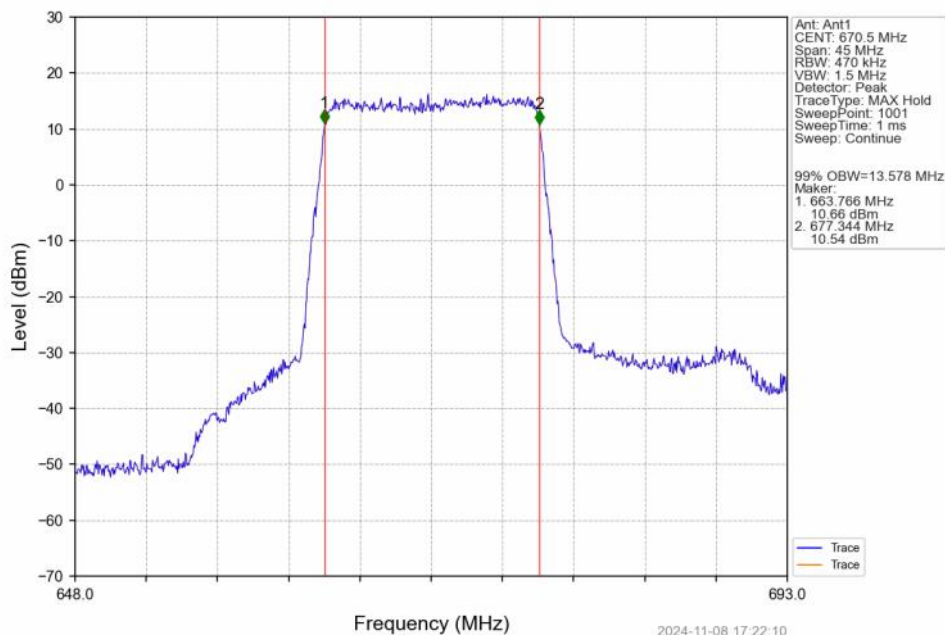
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTN



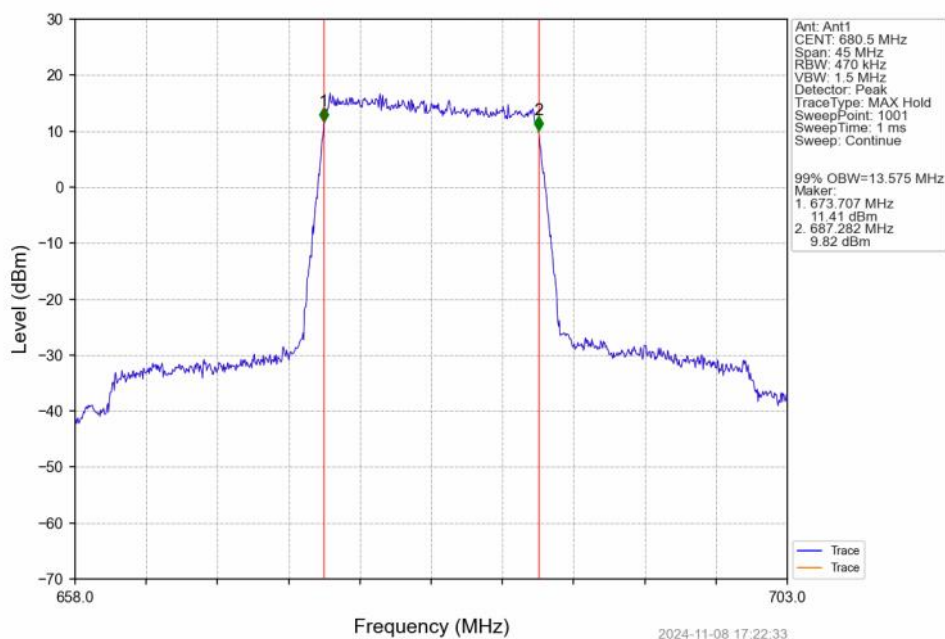
Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTN



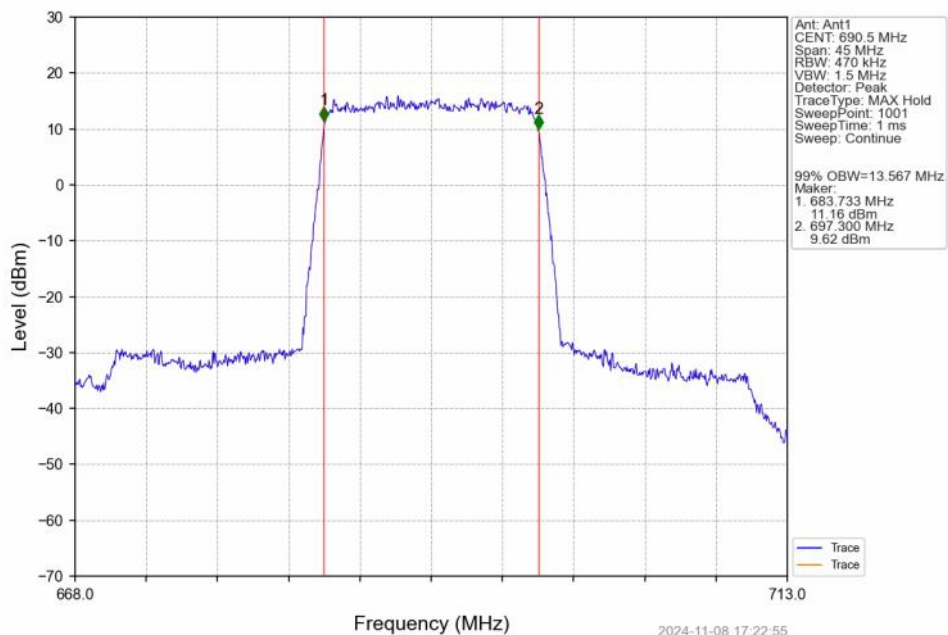
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



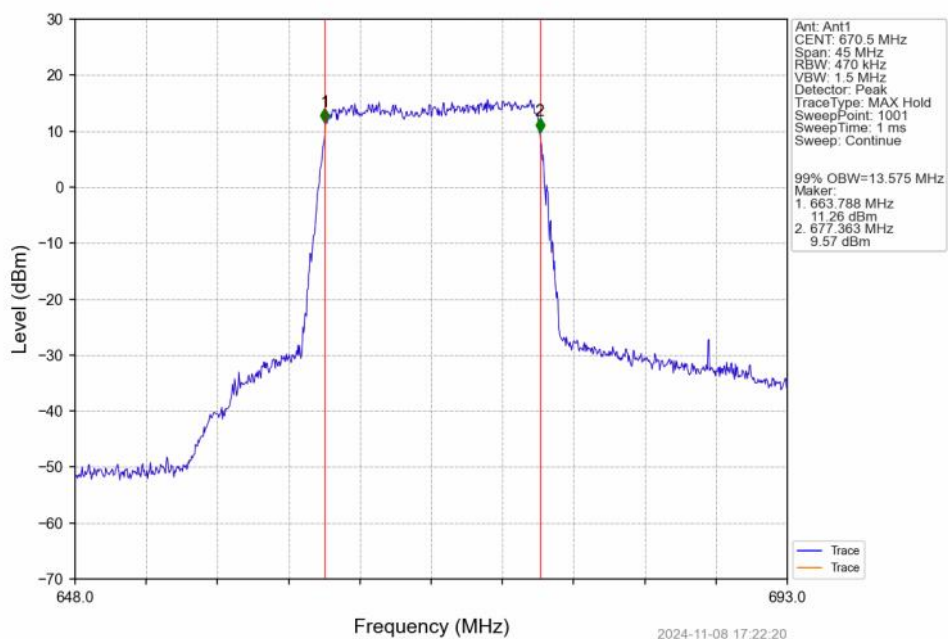
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



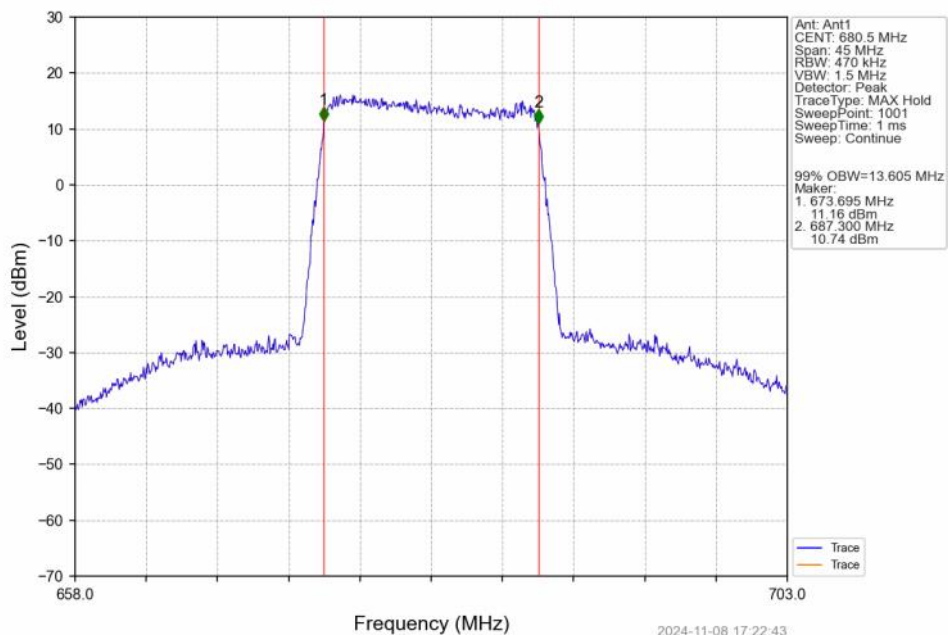
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



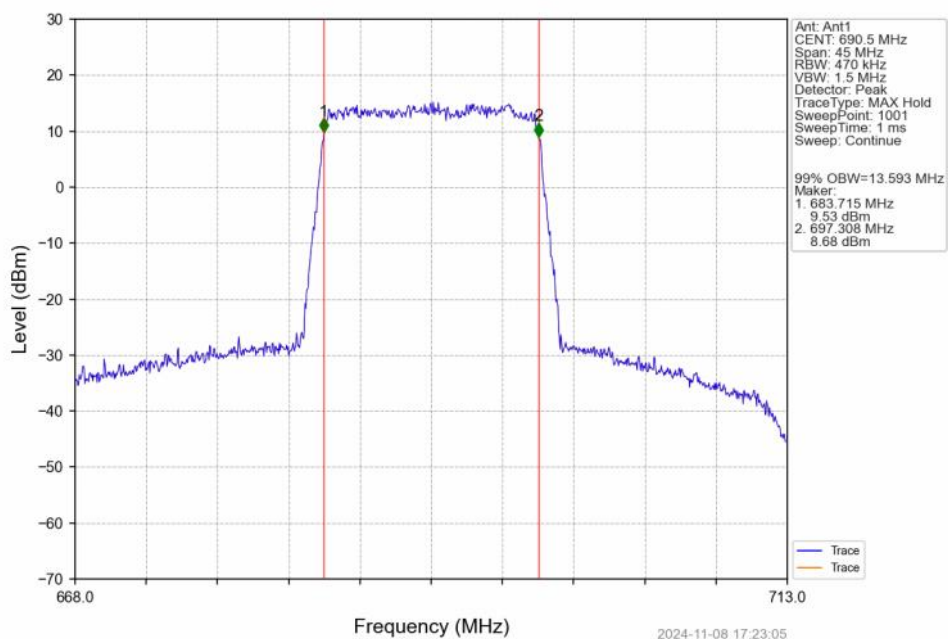
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



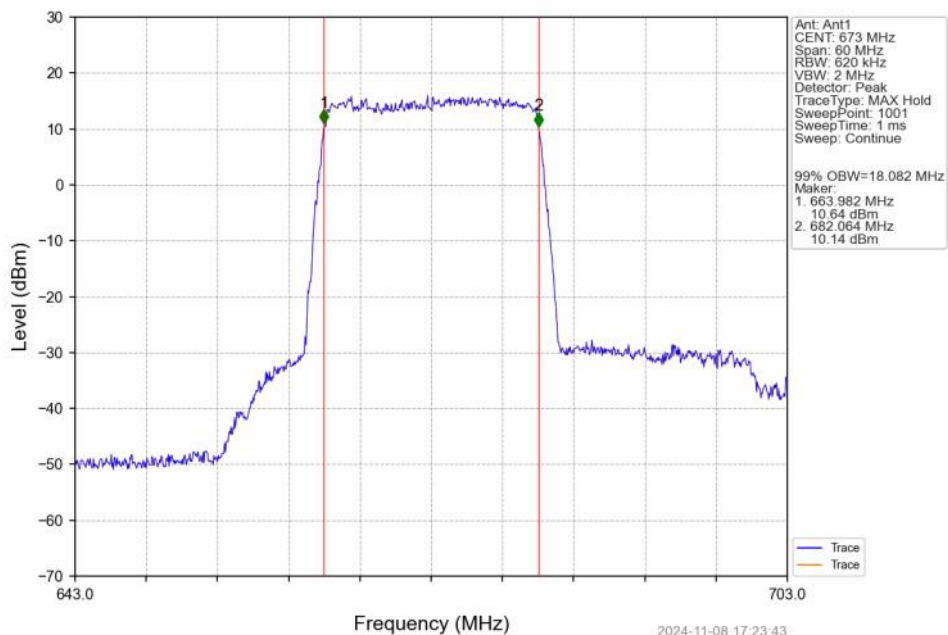
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTN



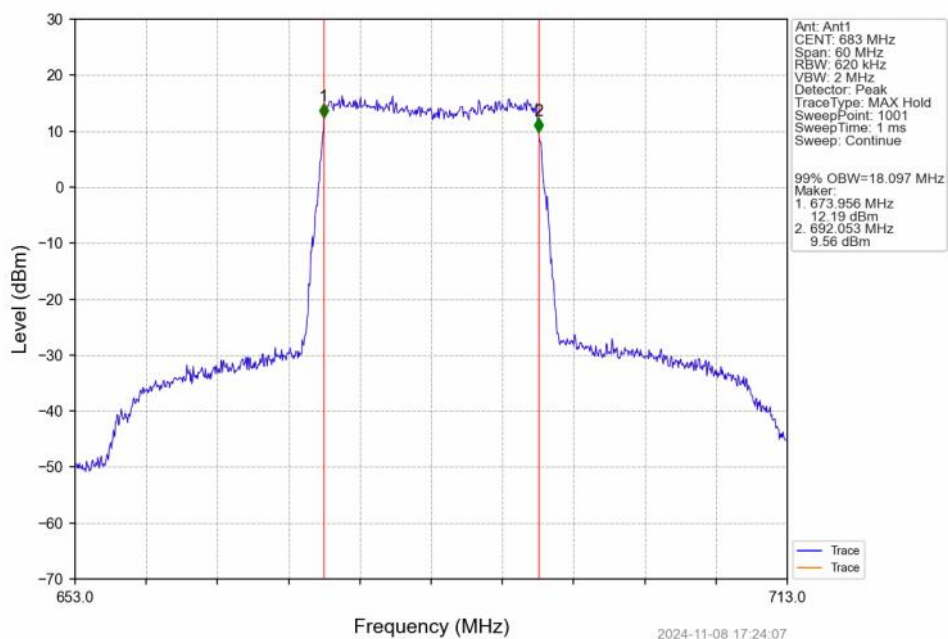
Band71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTN



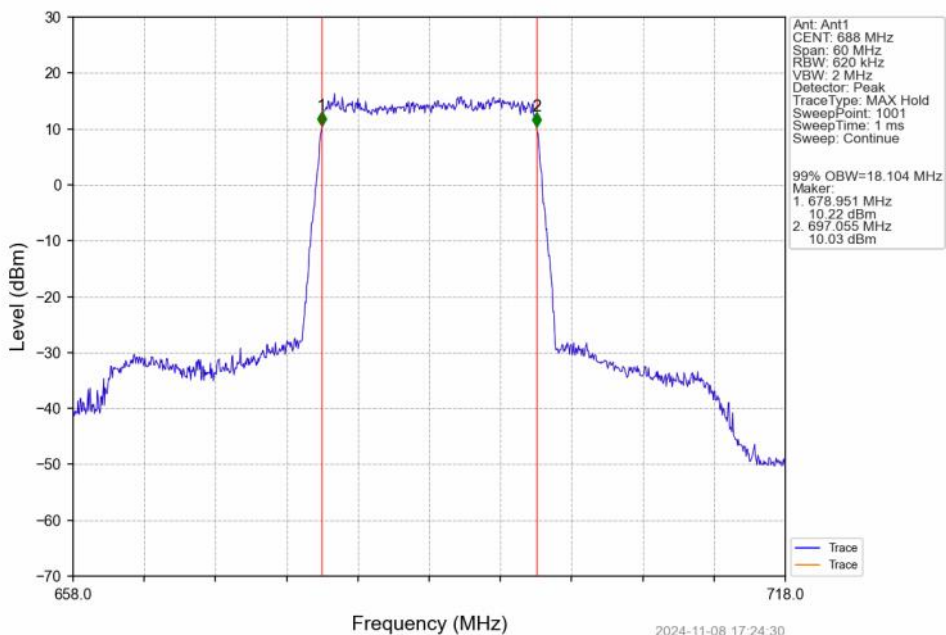
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTV



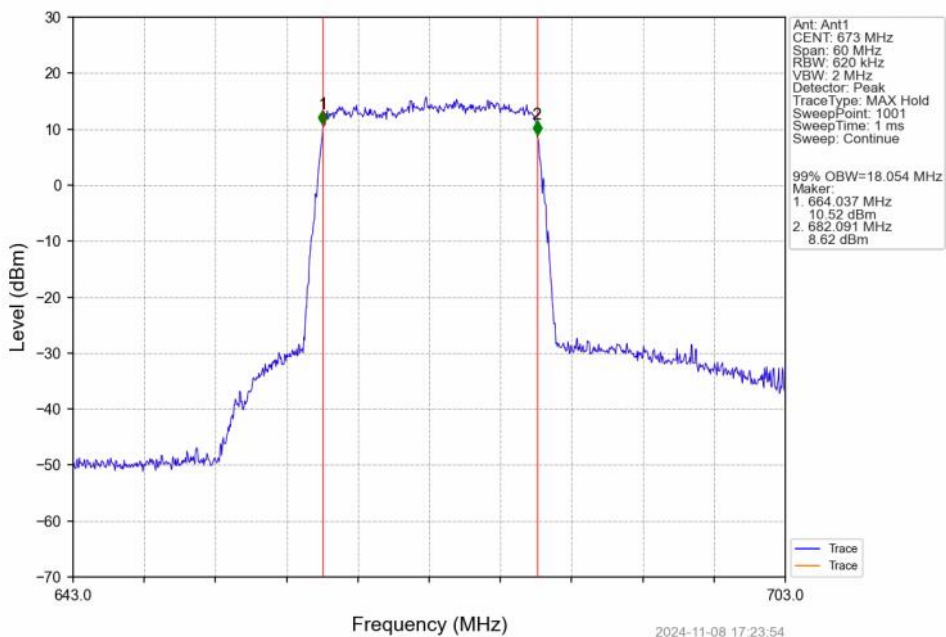
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTV



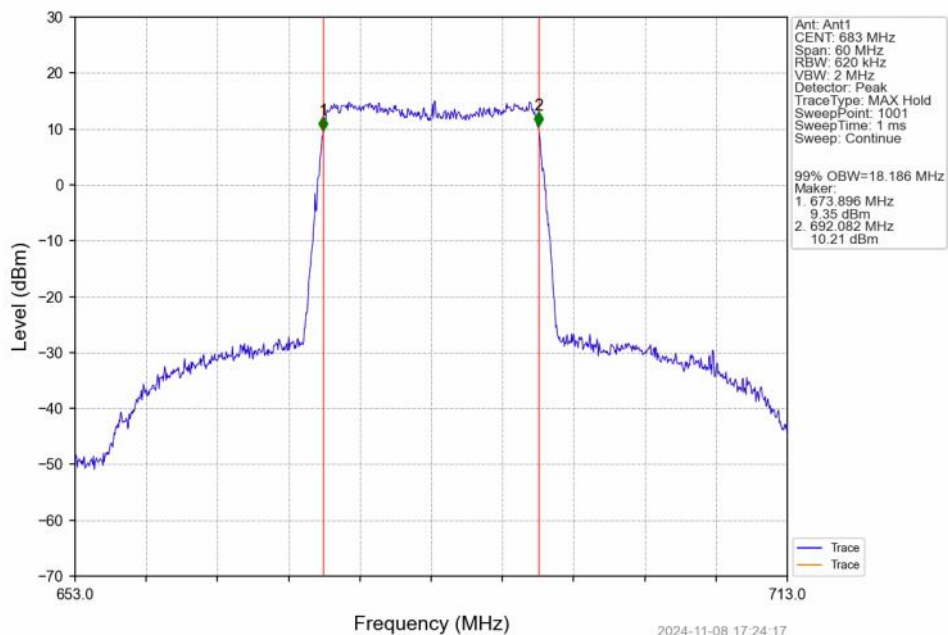
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTV



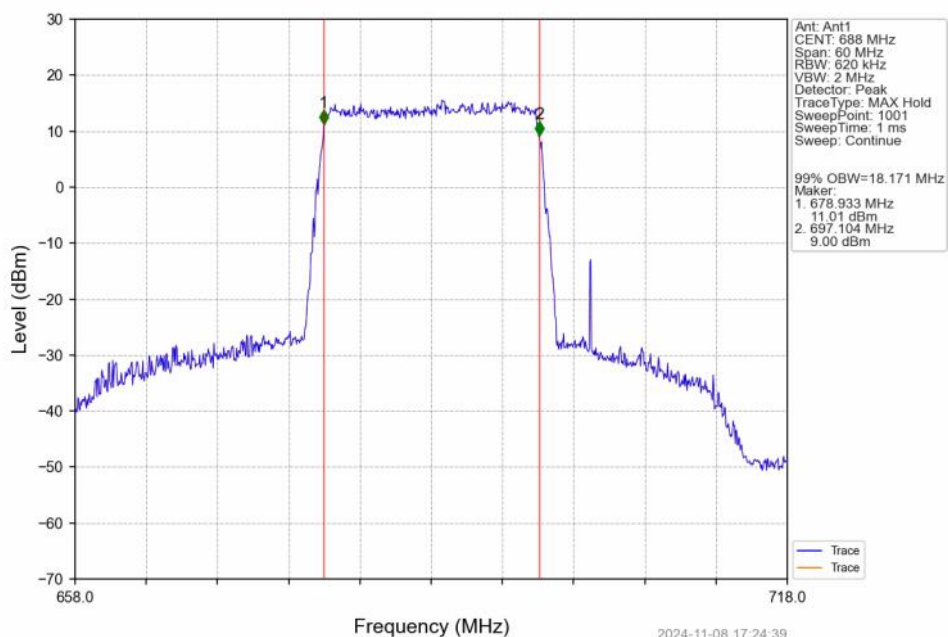
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTV



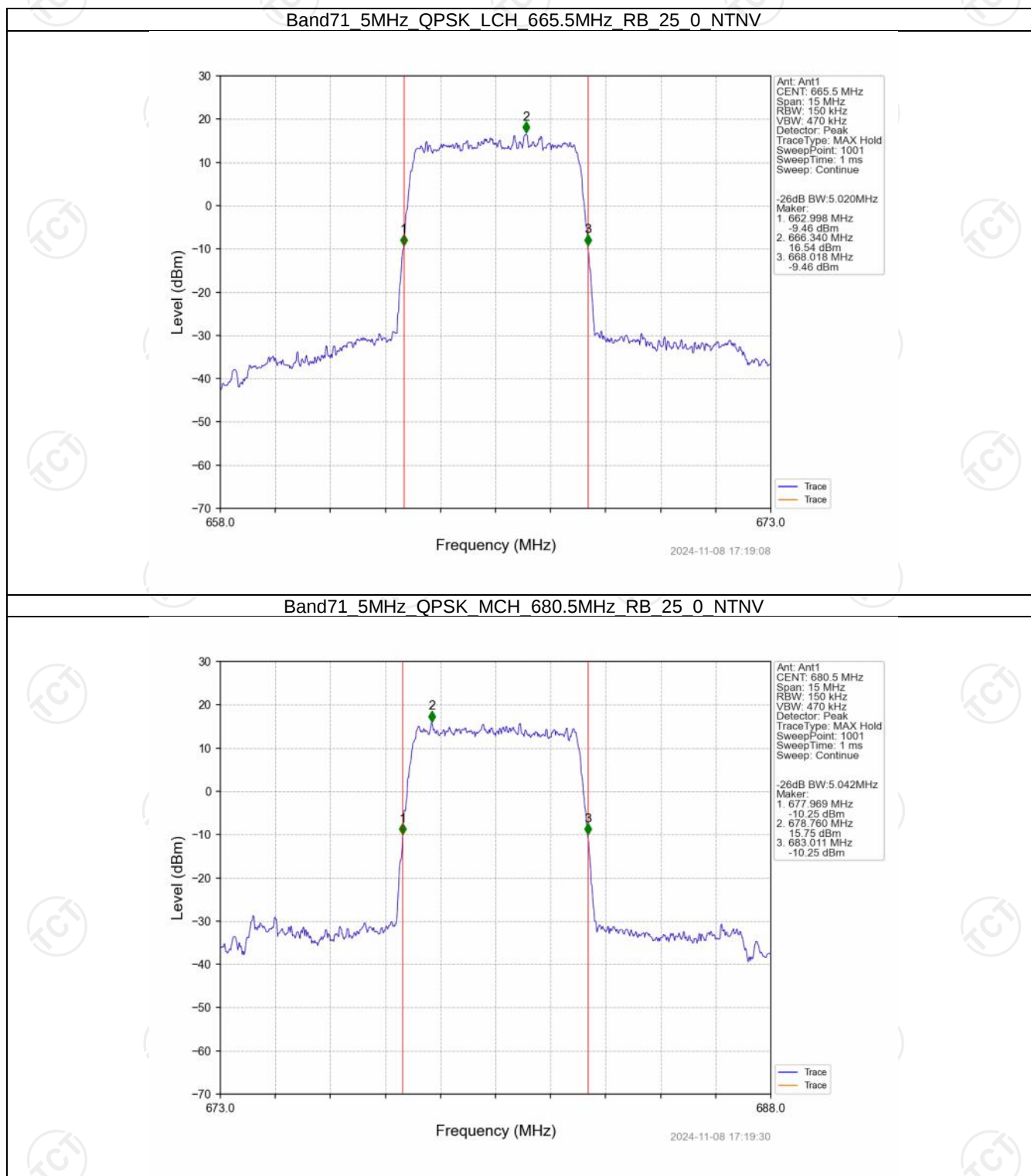
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



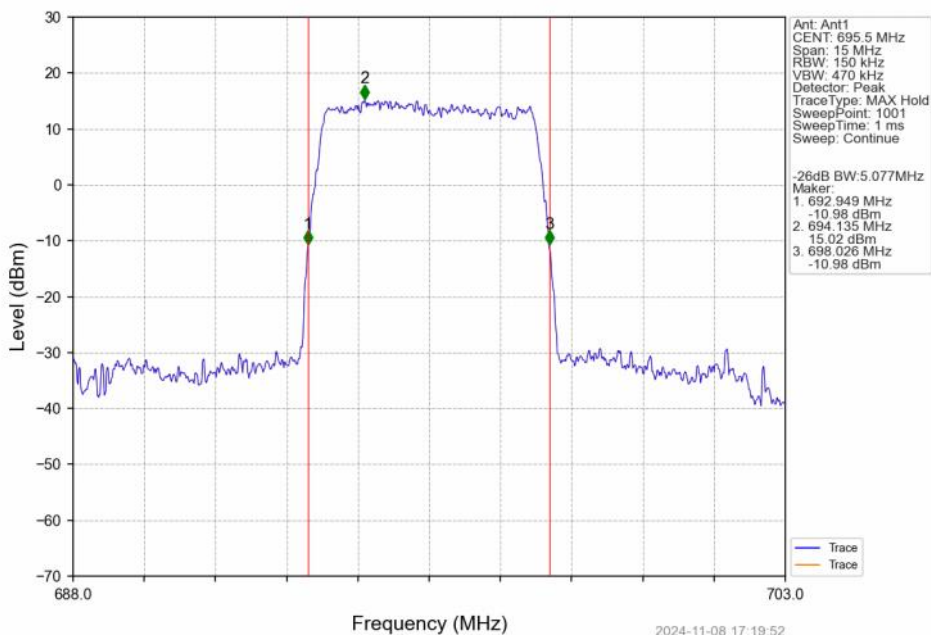
Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



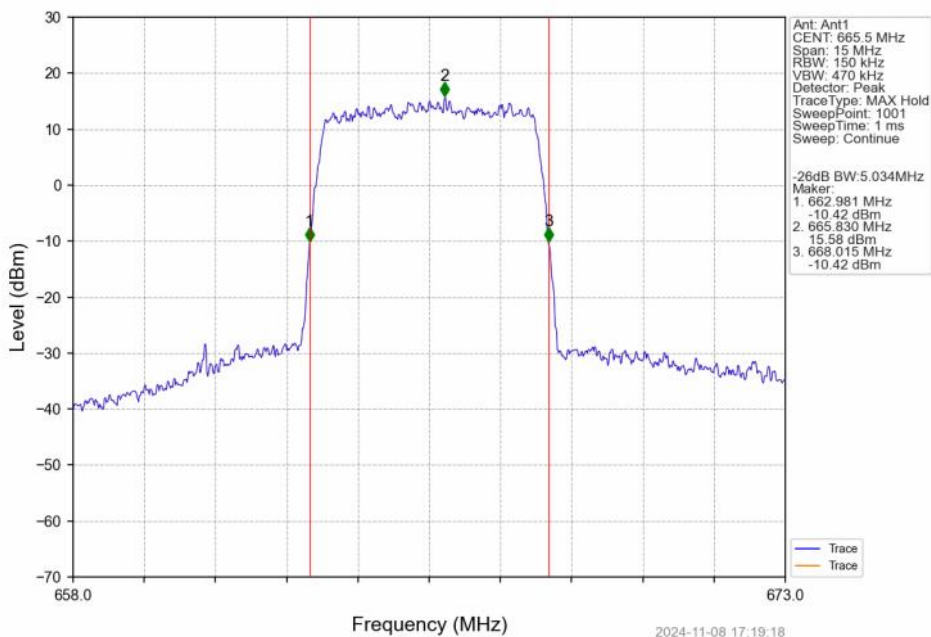
4.2.2 Band71_XDB



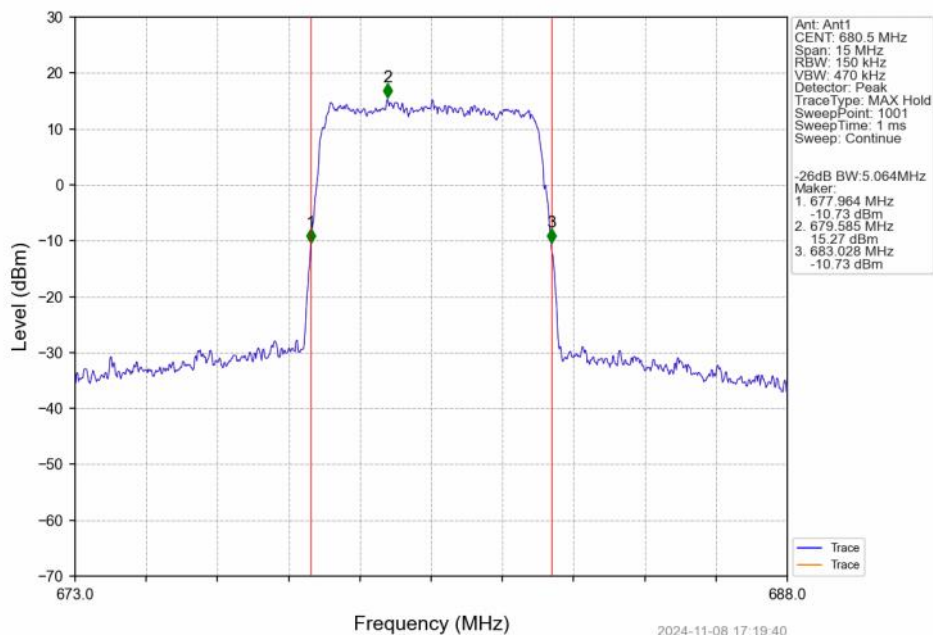
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



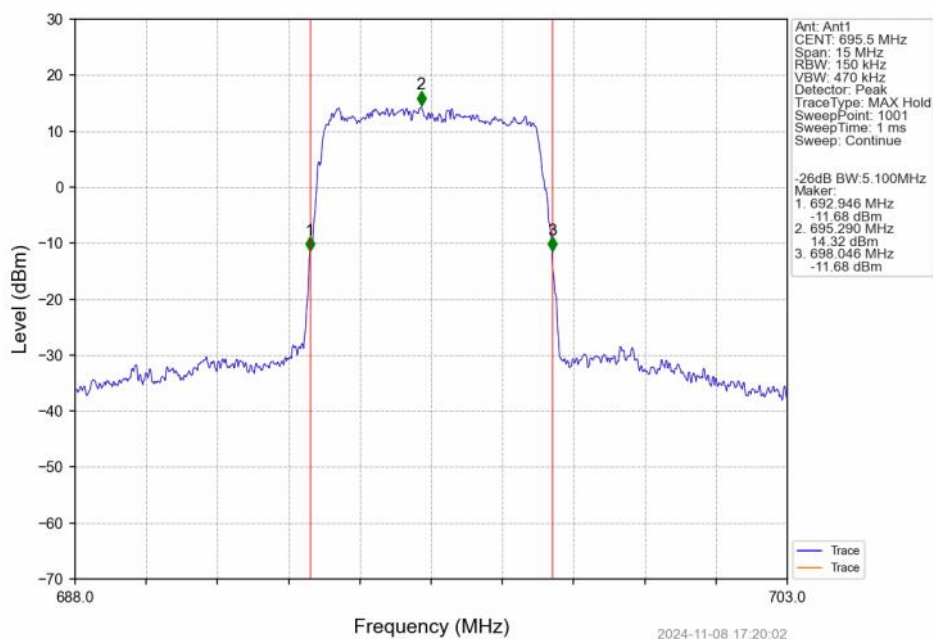
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



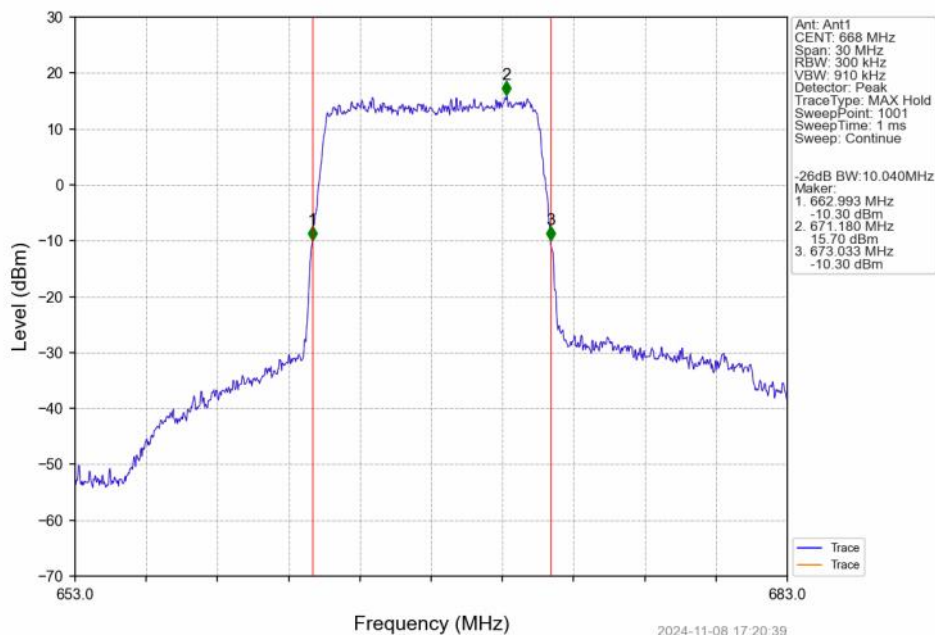
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



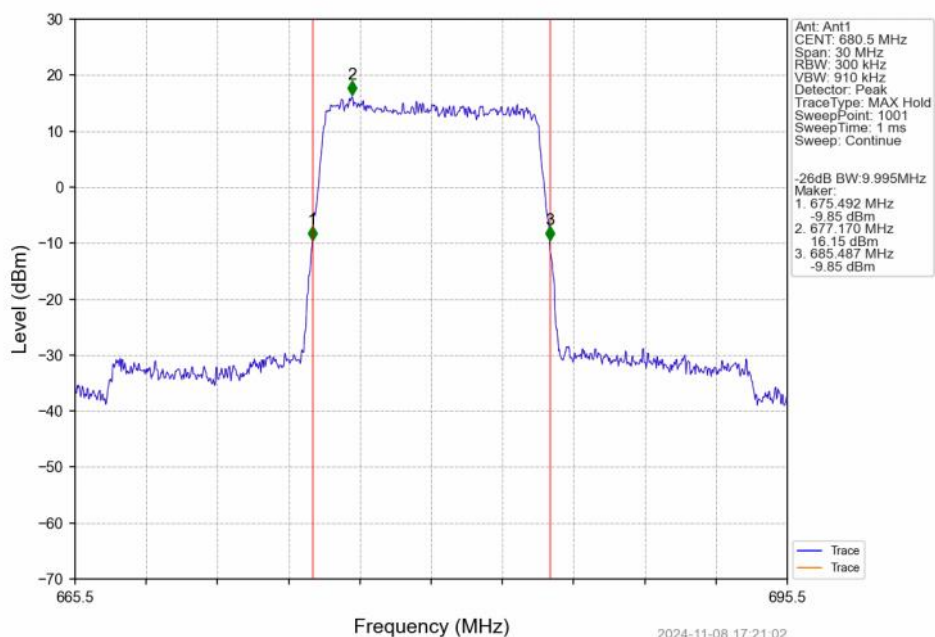
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



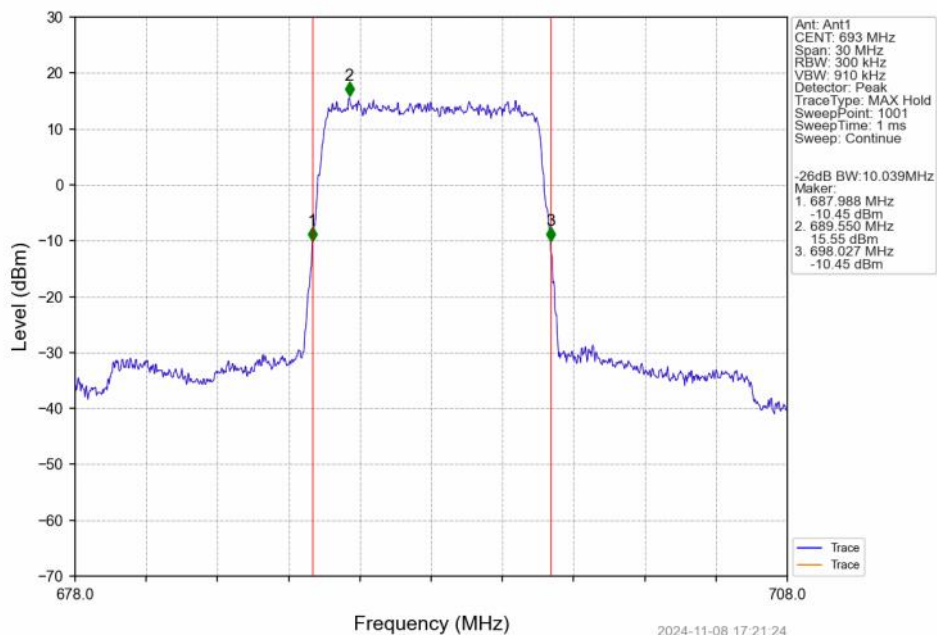
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



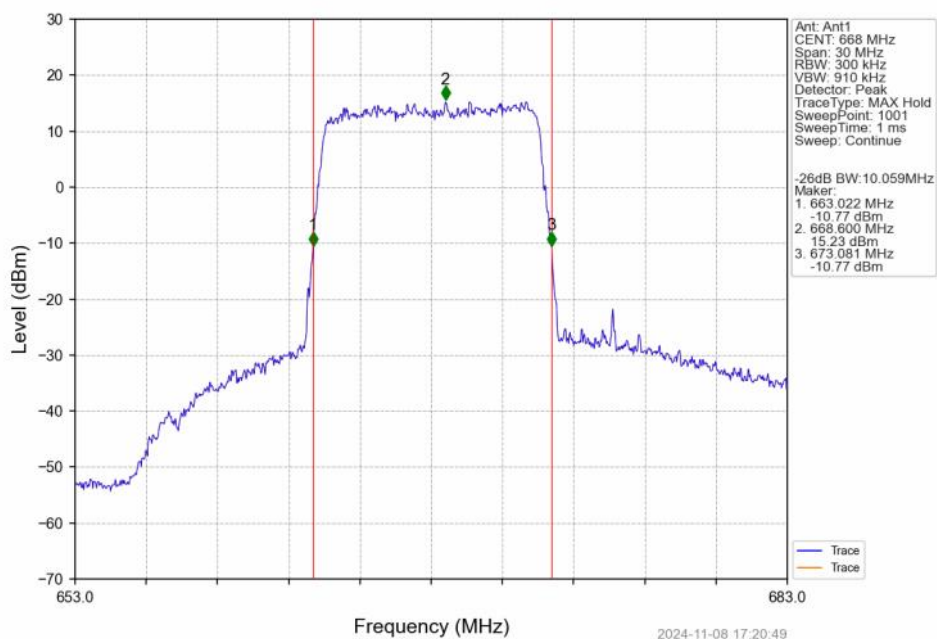
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



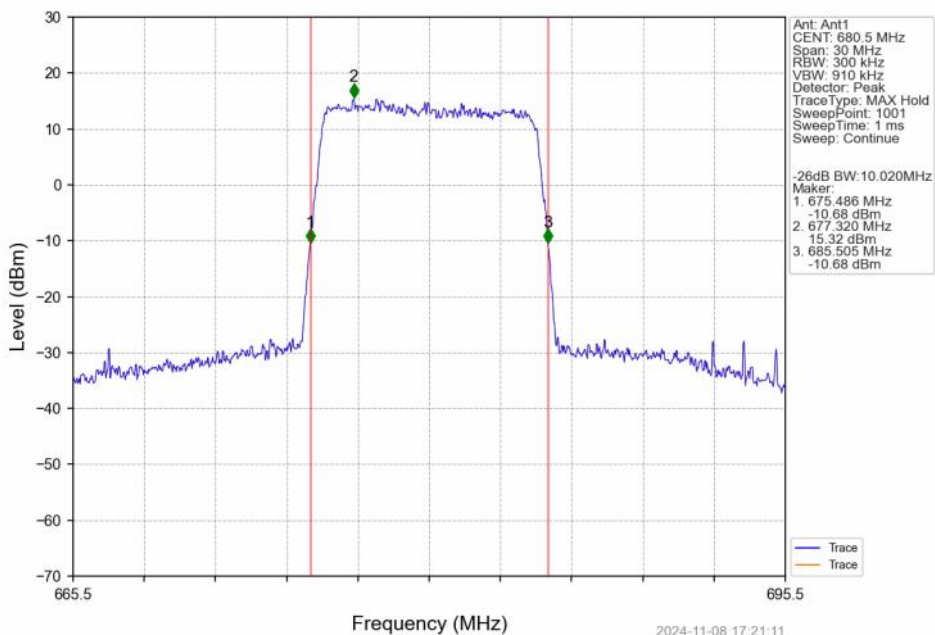
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



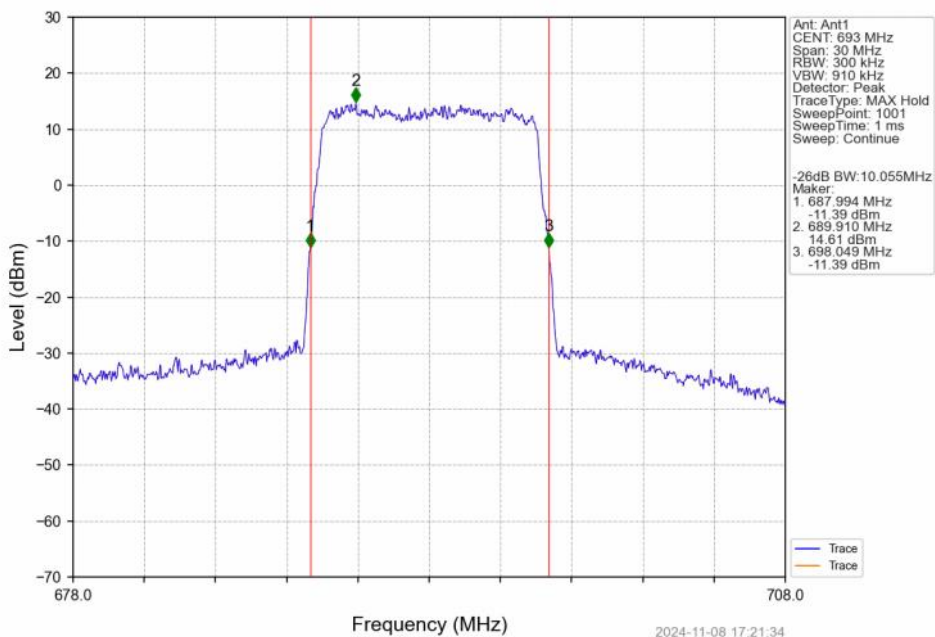
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTN



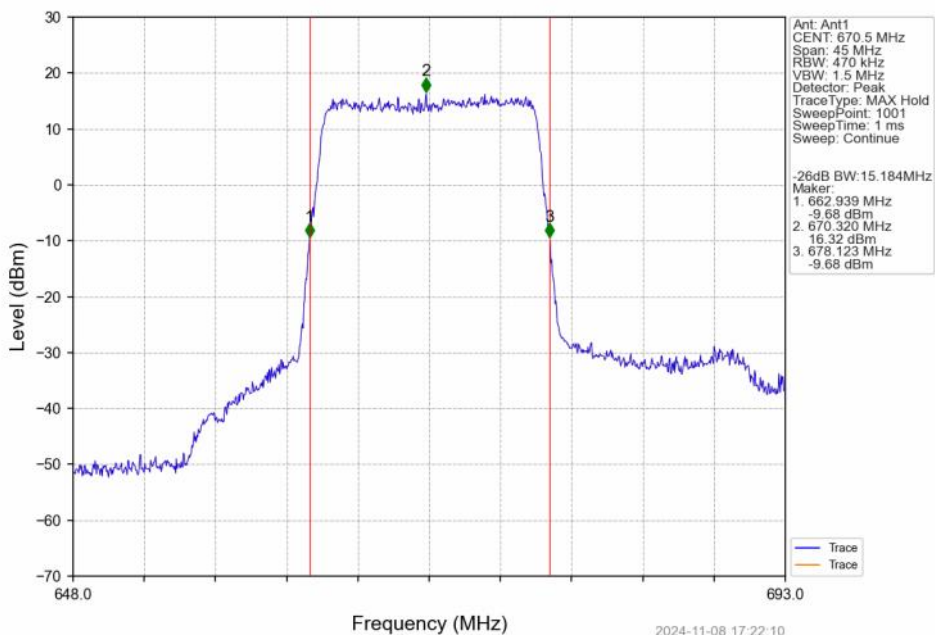
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTN



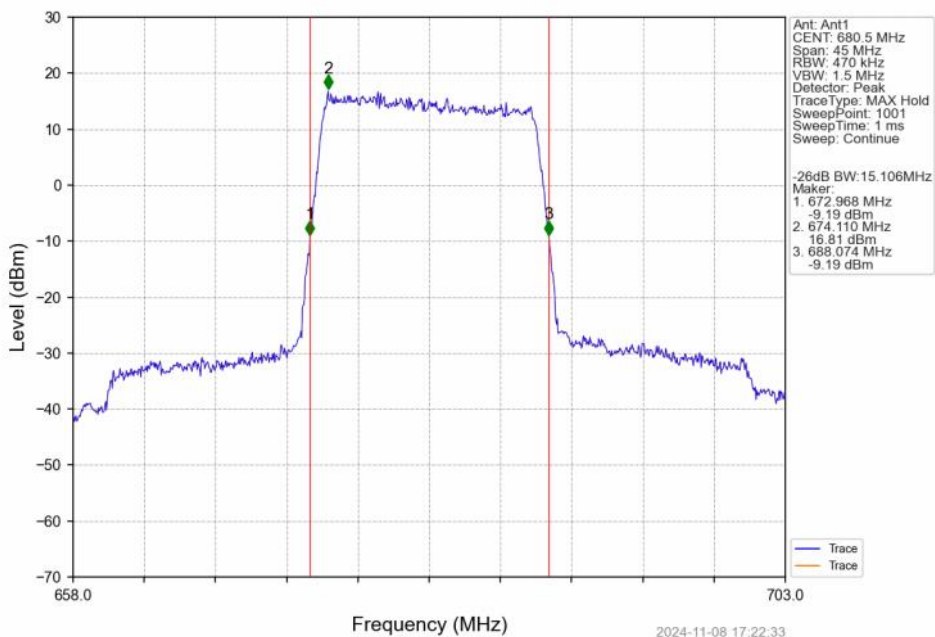
Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTN



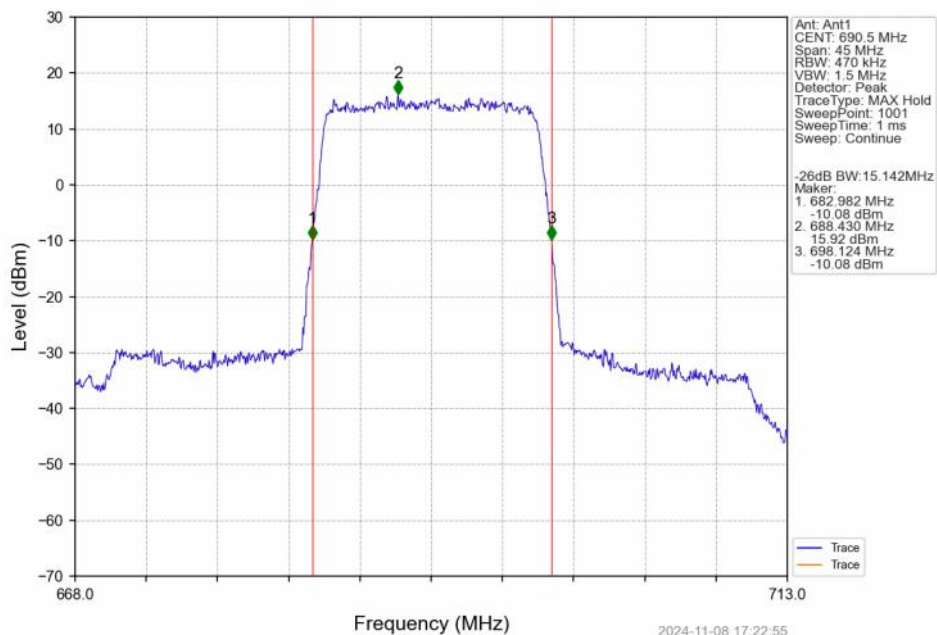
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



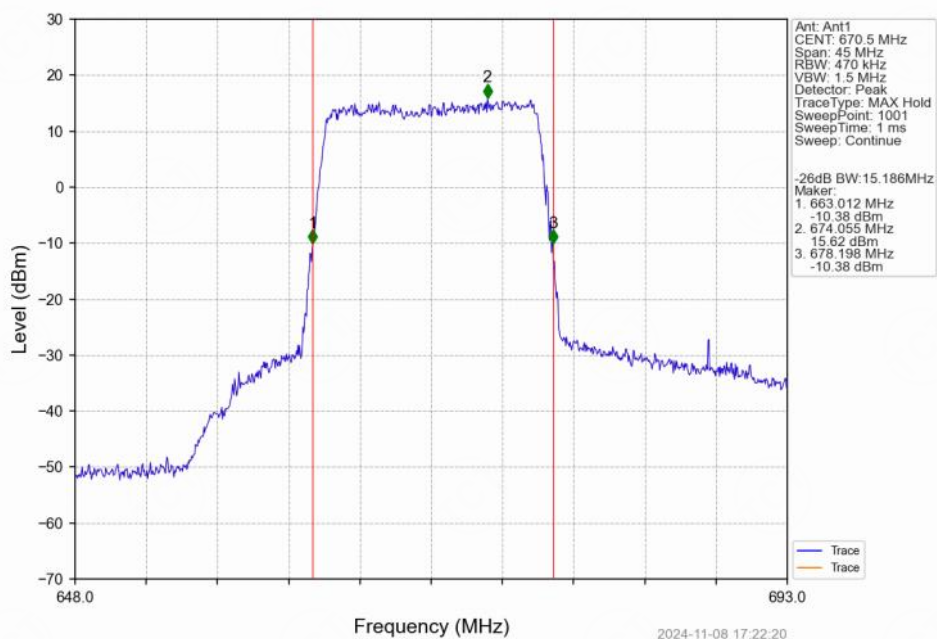
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



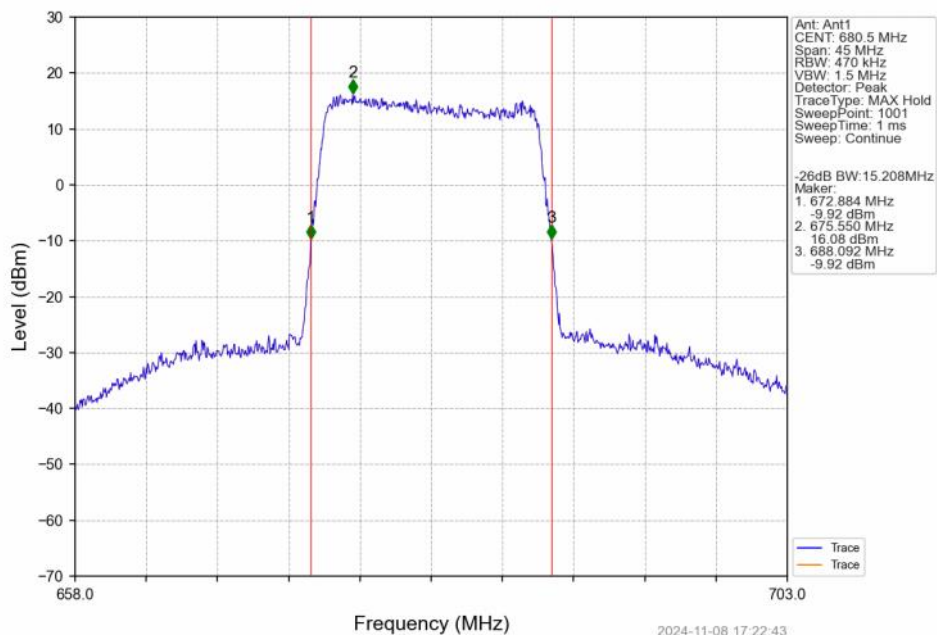
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



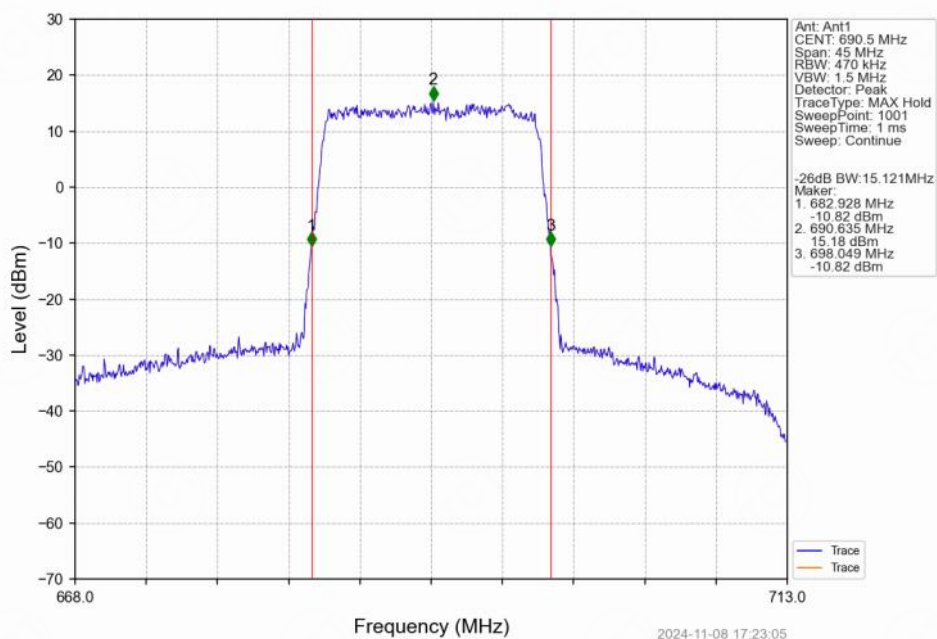
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



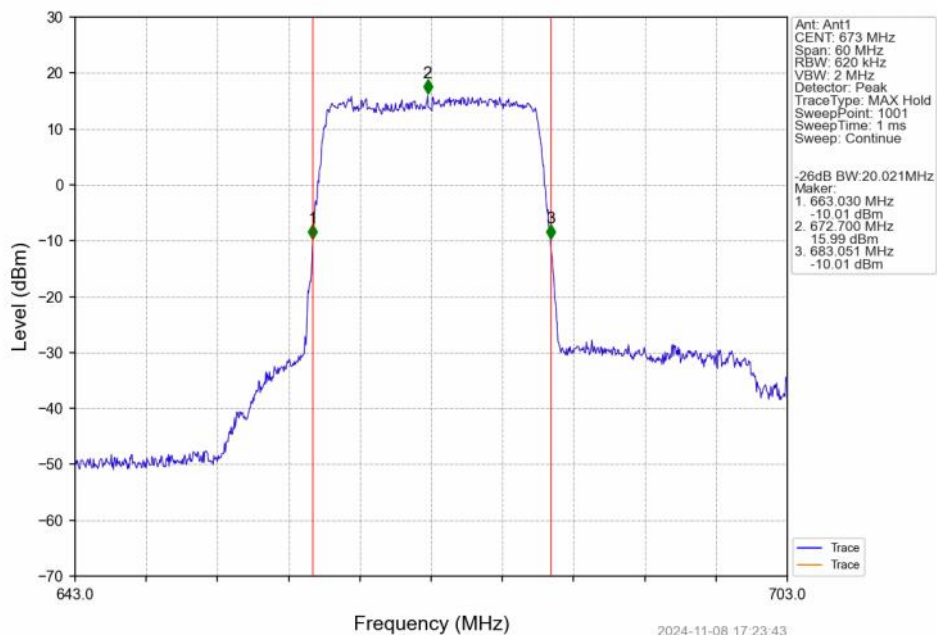
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTN



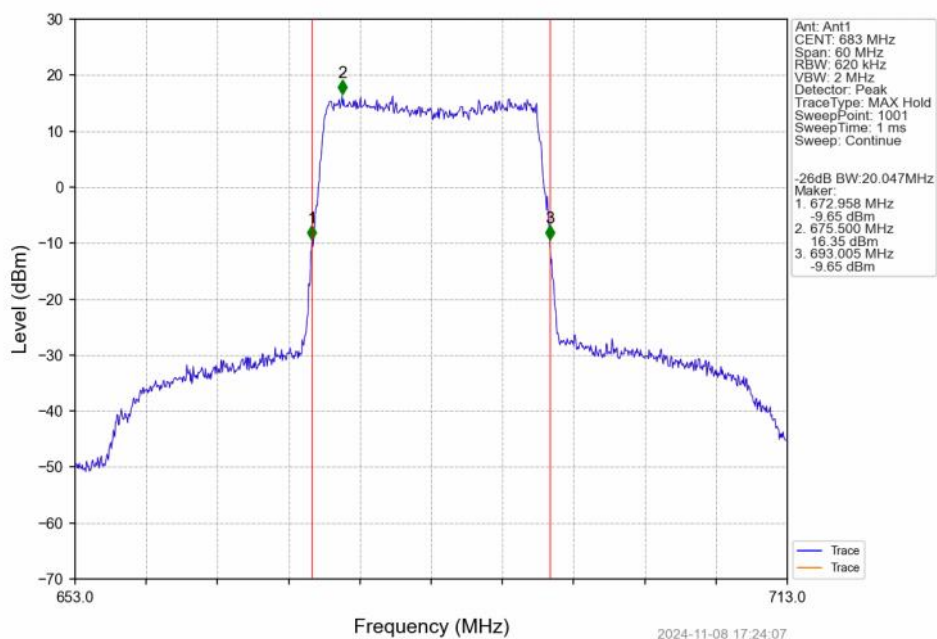
Band71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTN



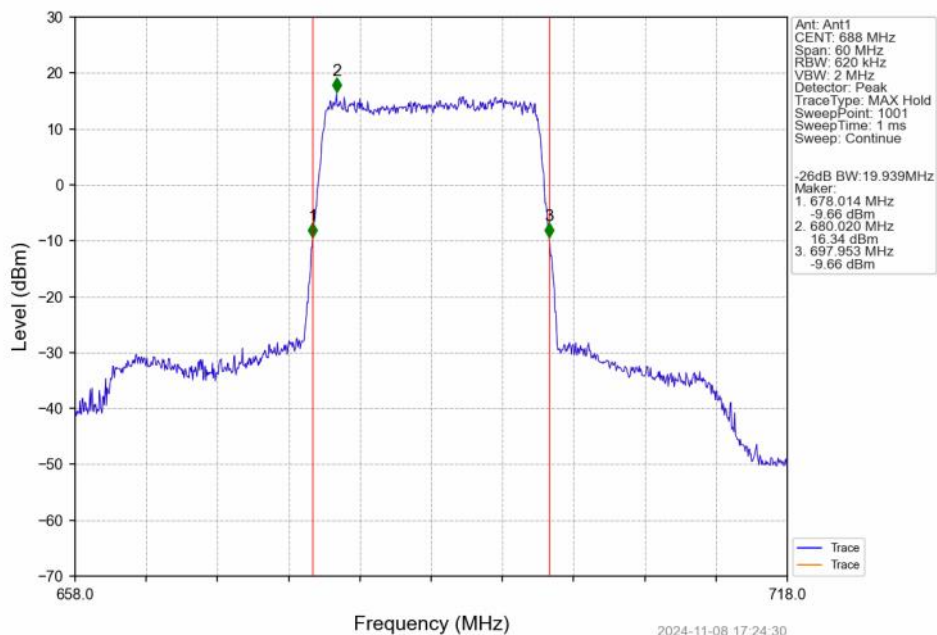
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



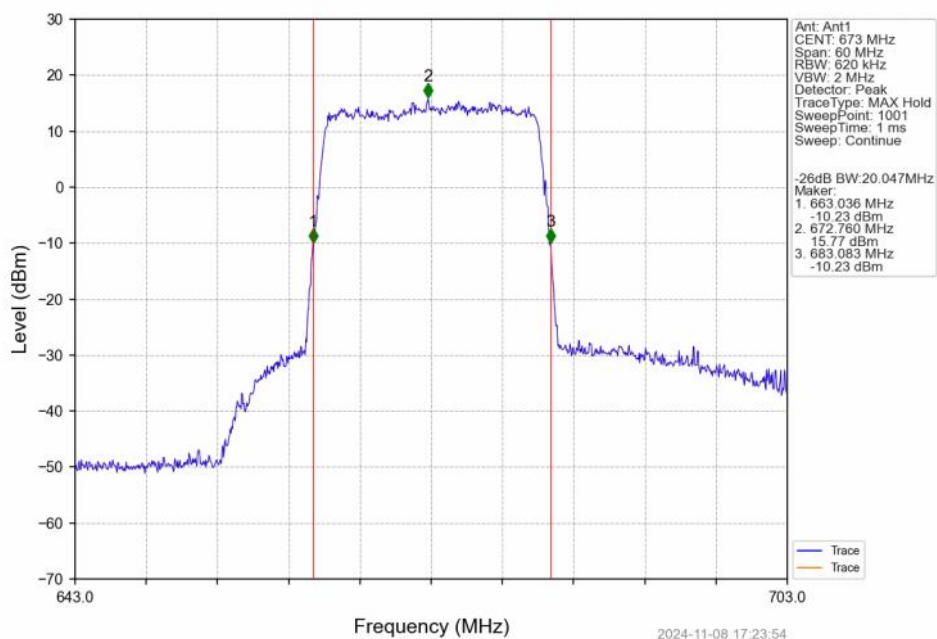
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



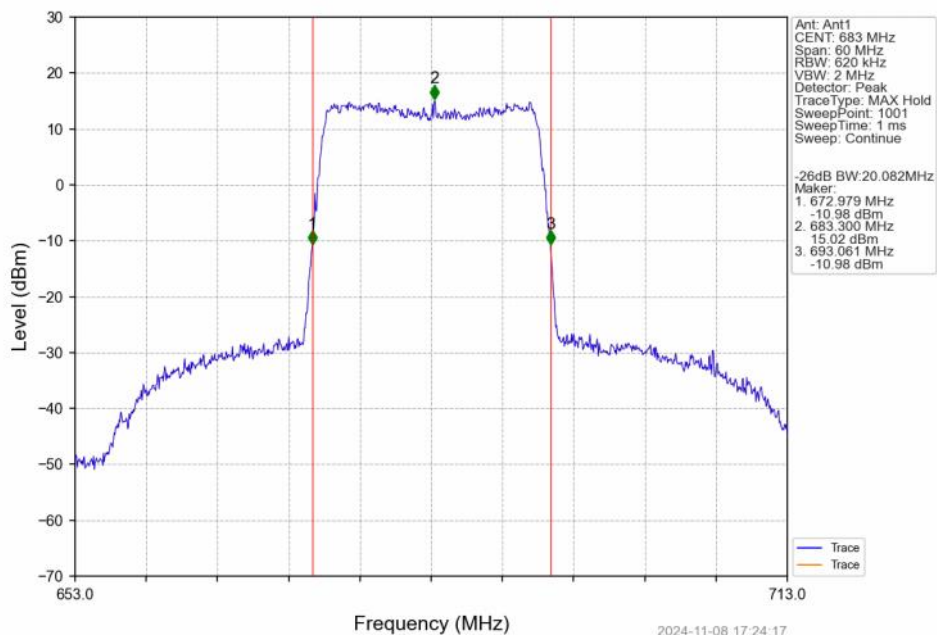
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTV



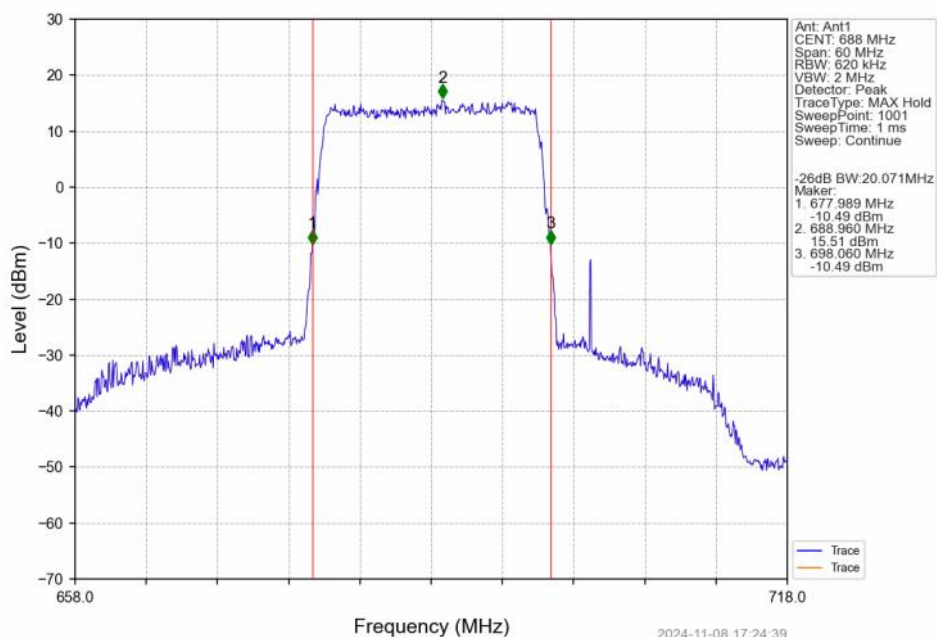
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.74	<=13	Pass
	680.5	25	0	5.86	<=13	Pass
	695.5	25	0	5.88	<=13	Pass
16QAM	665.5	25	0	6.51	<=13	Pass
	680.5	25	0	6.52	<=13	Pass
	695.5	25	0	6.62	<=13	Pass

5.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.88	<=13	Pass
	680.5	50	0	5.90	<=13	Pass
	693	50	0	5.85	<=13	Pass
16QAM	668	50	0	6.63	<=13	Pass
	680.5	50	0	6.64	<=13	Pass
	693	50	0	6.54	<=13	Pass

5.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	6.27	<=13	Pass
	680.5	75	0	6.32	<=13	Pass
	690.5	75	0	6.02	<=13	Pass
16QAM	670.5	75	0	6.65	<=13	Pass
	680.5	75	0	6.74	<=13	Pass
	690.5	75	0	6.60	<=13	Pass

5.1.4 B71_20MHz

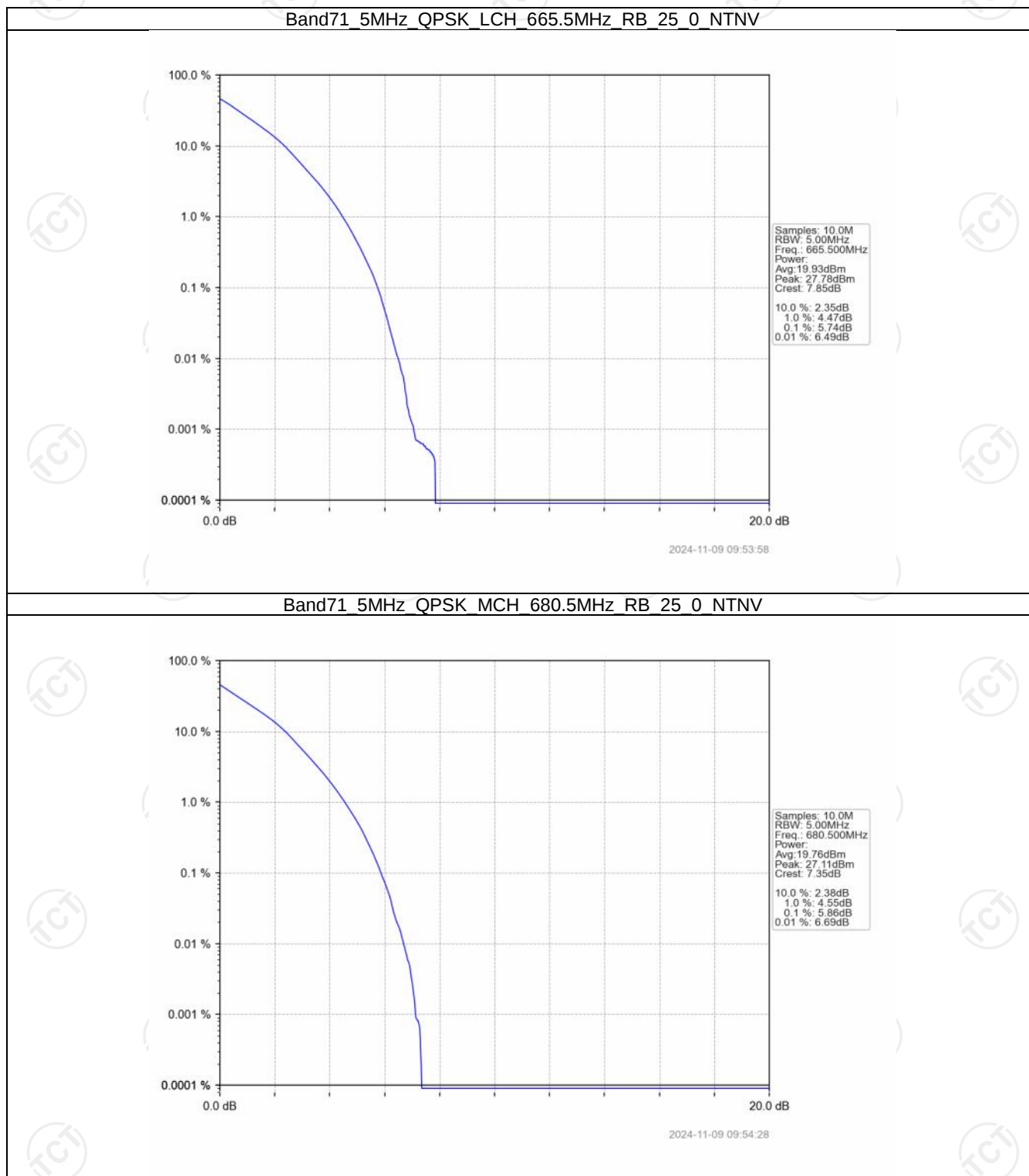
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.82	<=13	Pass
	683	100	0	6.04	<=13	Pass
	688	100	0	5.88	<=13	Pass
16QAM	673	100	0	6.55	<=13	Pass
	683	100	0	6.73	<=13	Pass

	688	100	0	6.60	<=13	Pass
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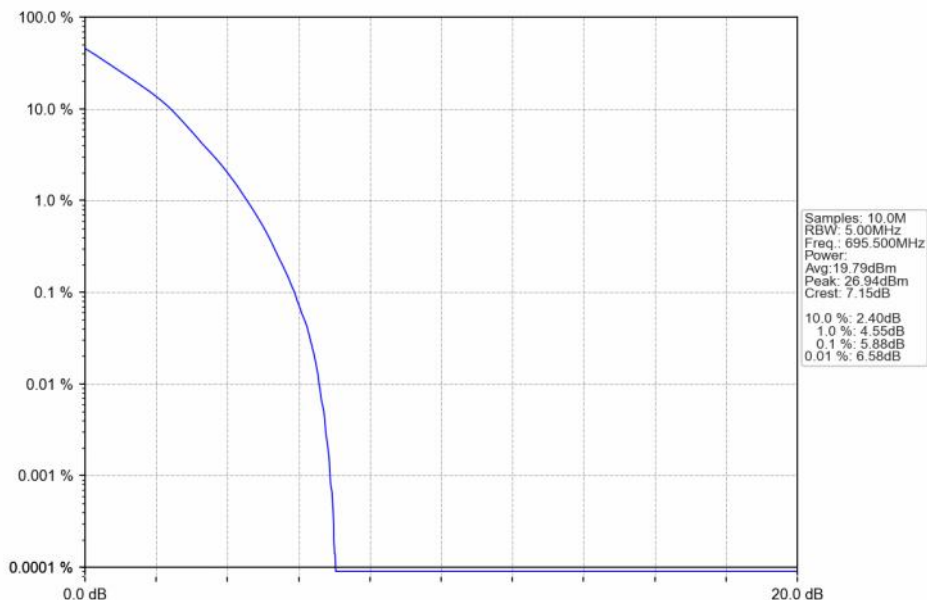


5.2 Test Graph

5.2.1 B71_5MHz

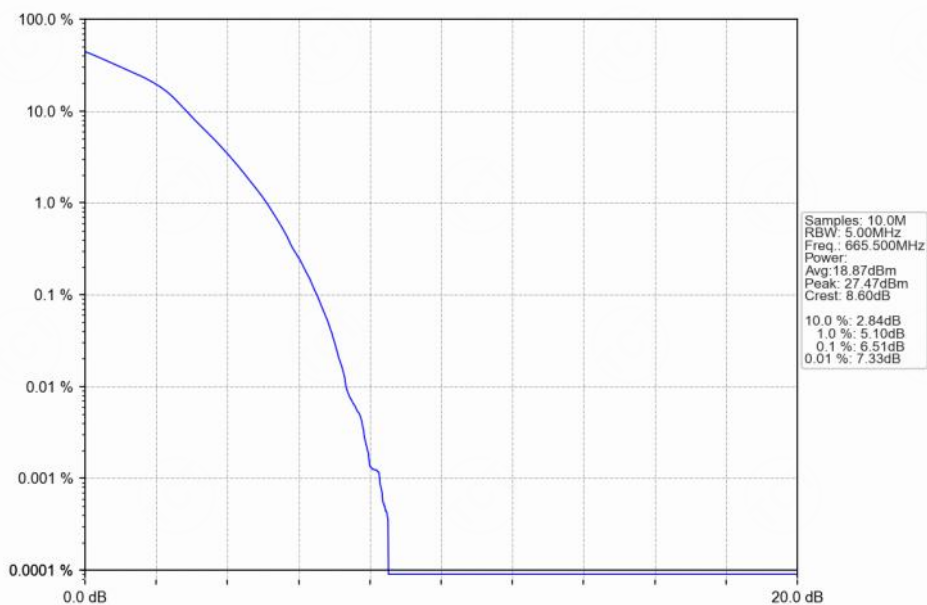


Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



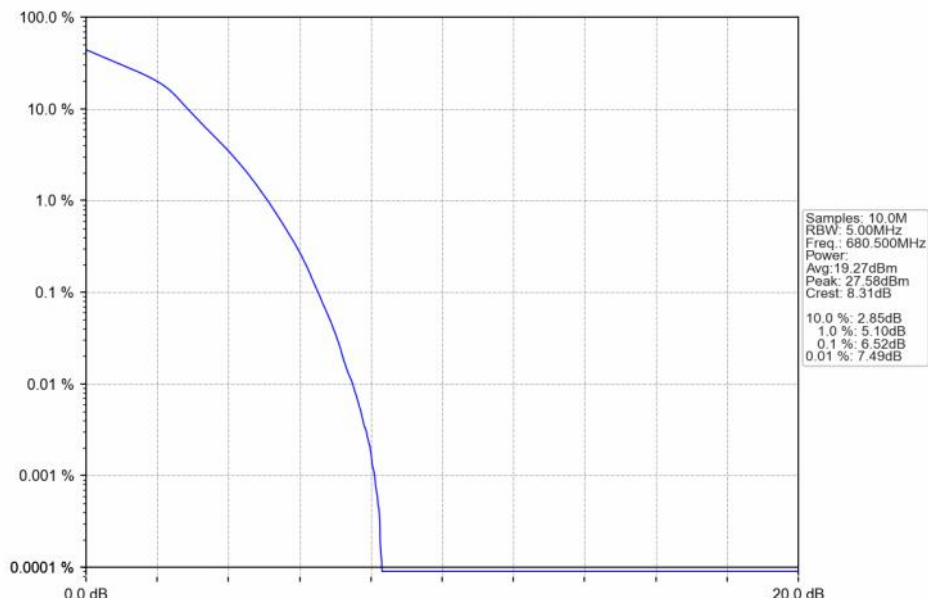
2024-11-09 09:54:57

Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



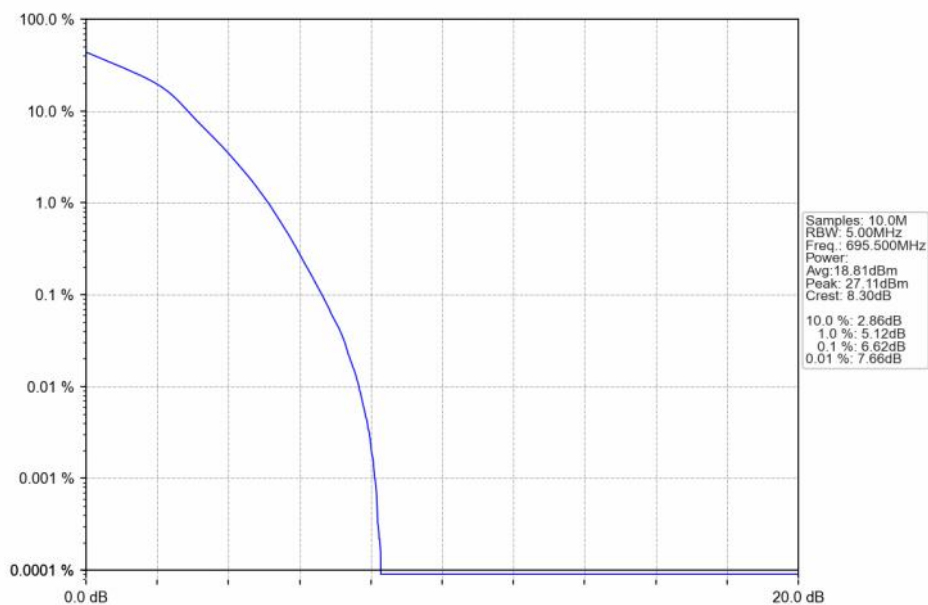
2024-11-09 09:54:12

Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



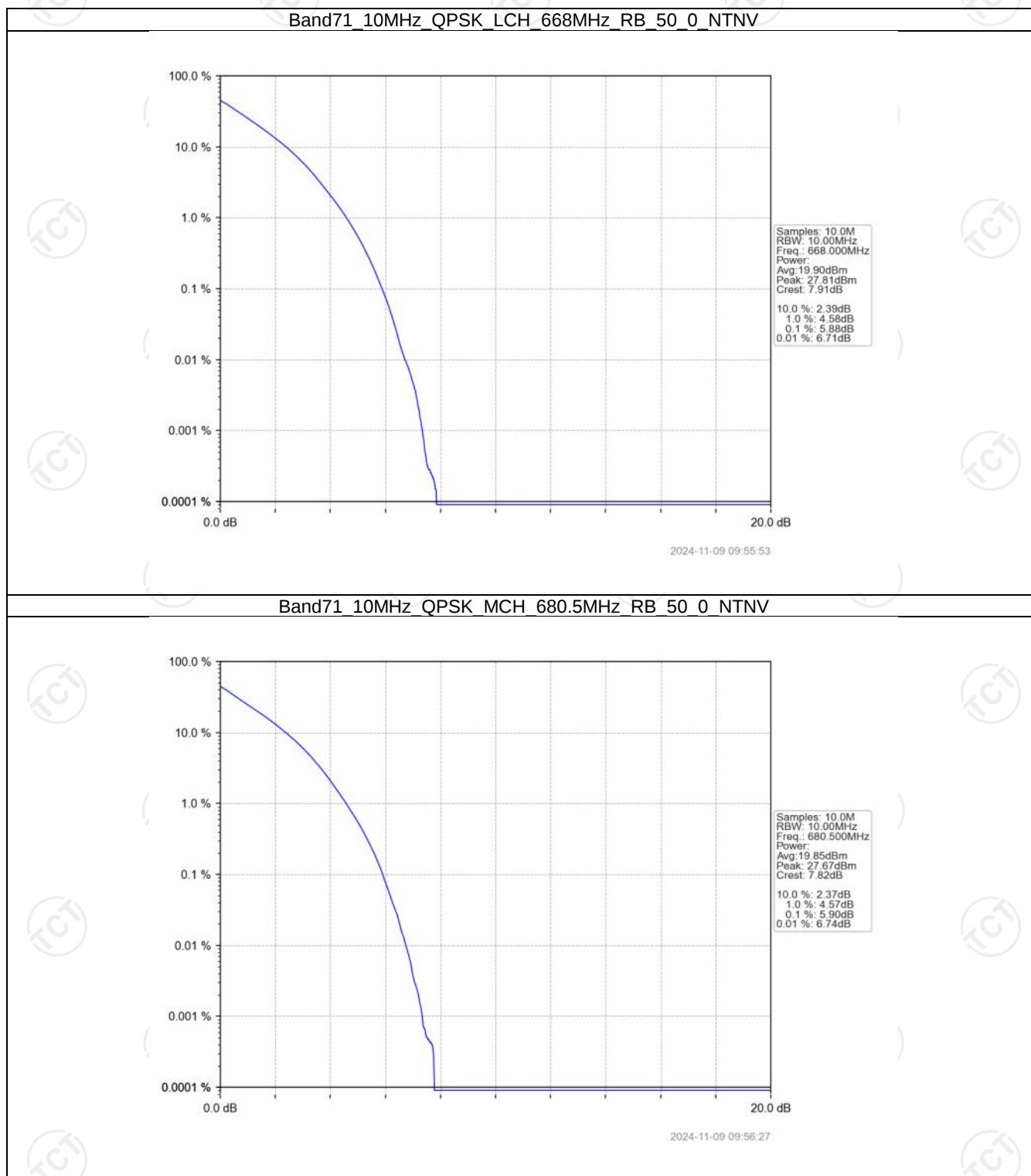
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Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV

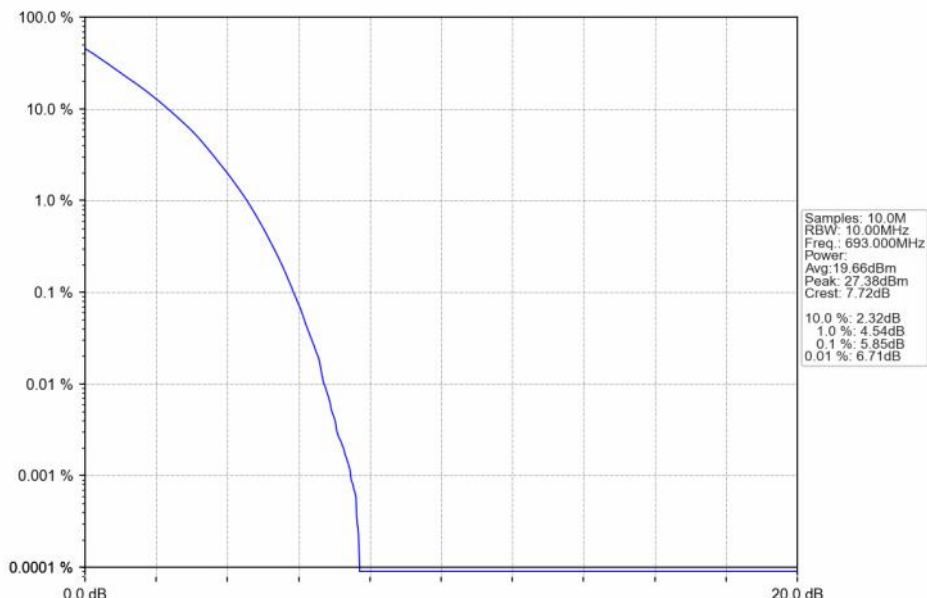


2024-11-09 09:55:10

5.2.2 B71_10MHz

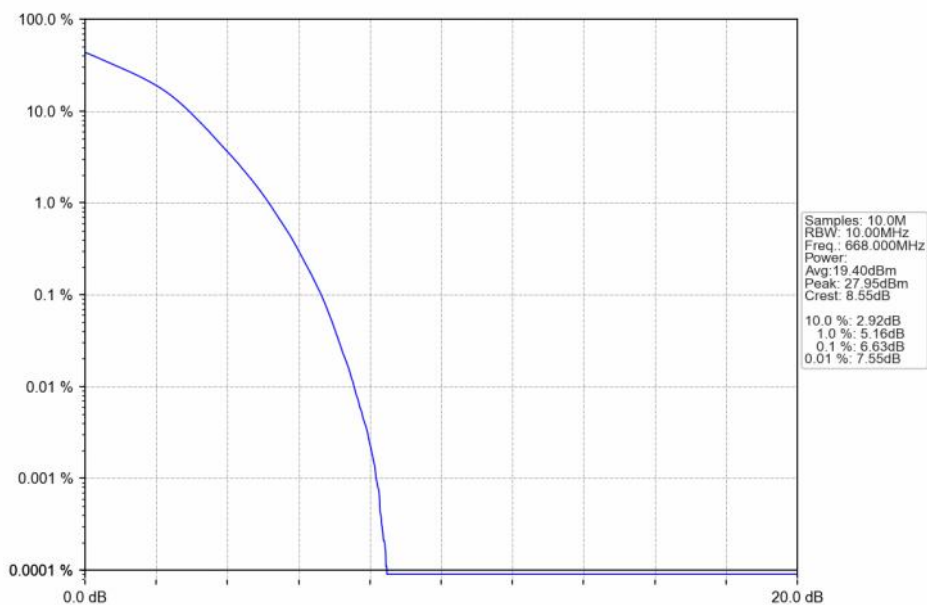


Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



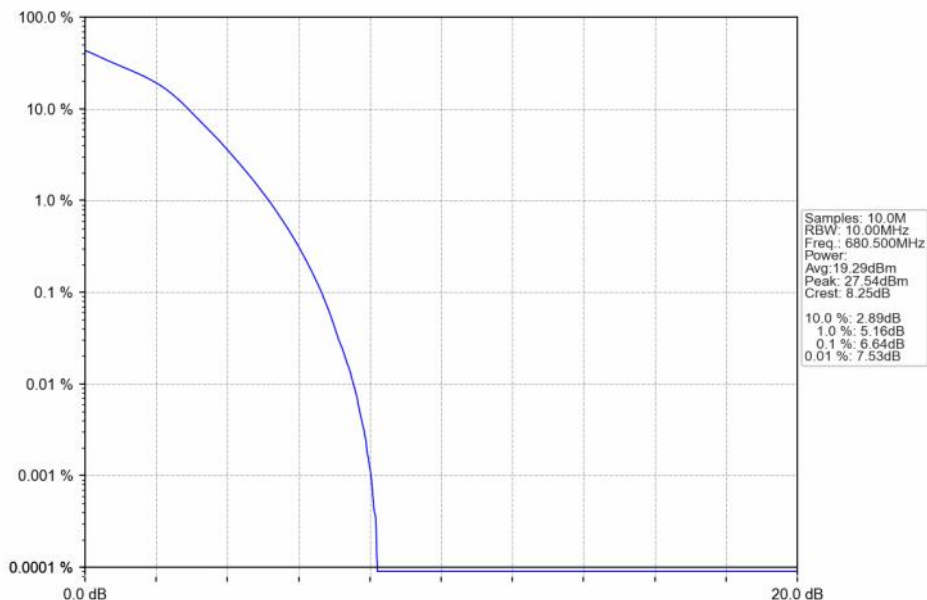
2024-11-09 09:57:00

Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTN



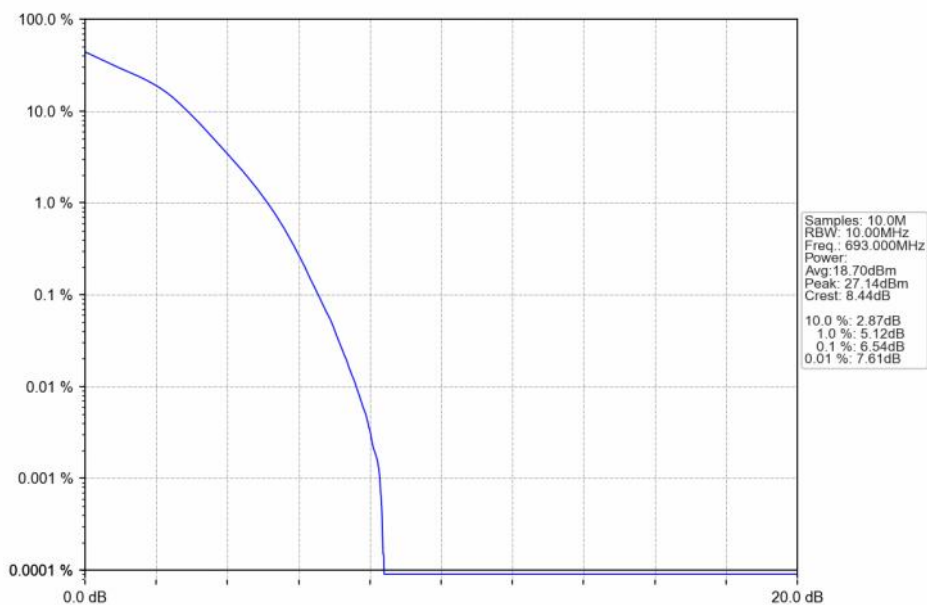
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Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTN



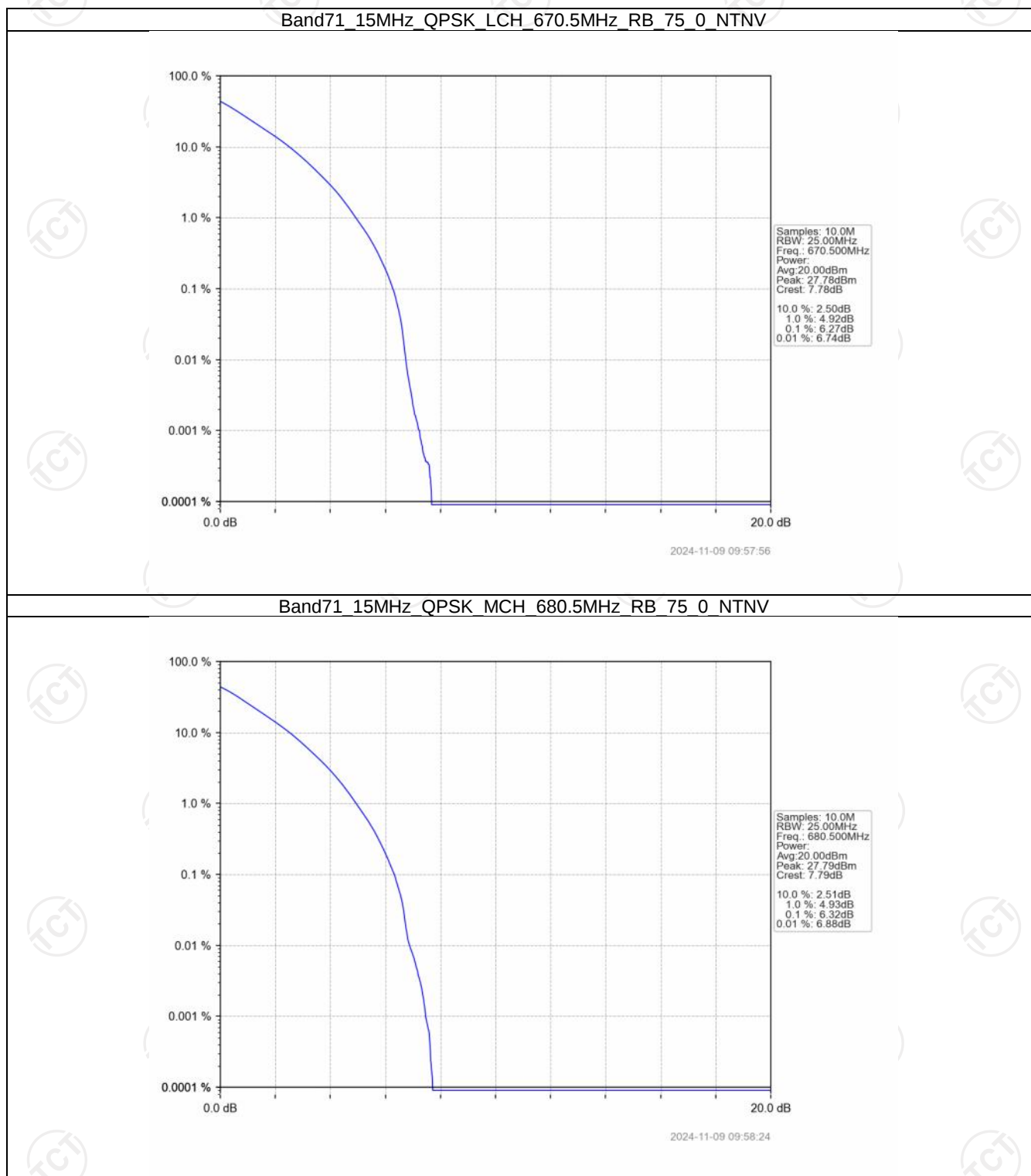
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Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTN

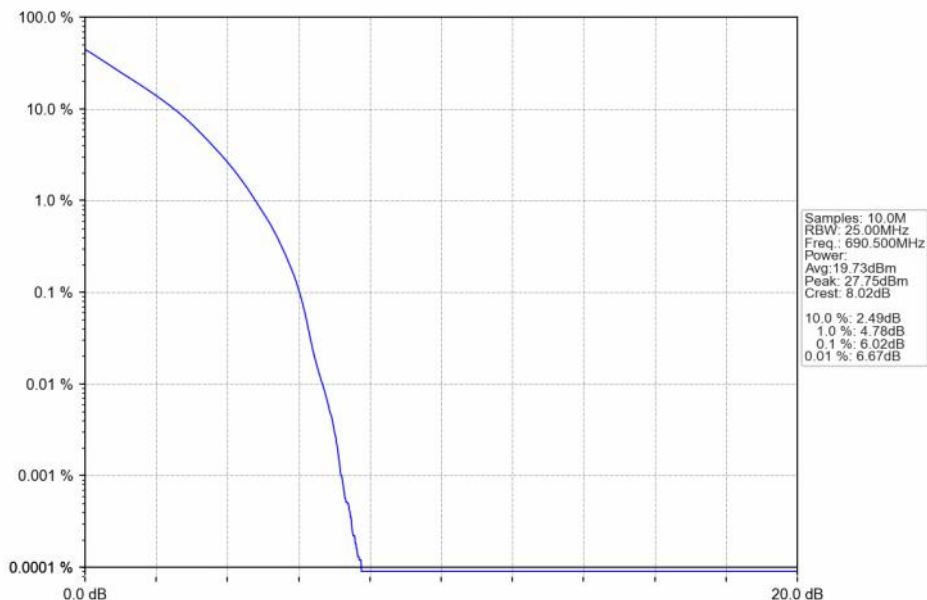


2024-11-09 09:57:16

5.2.3 B71_15MHz

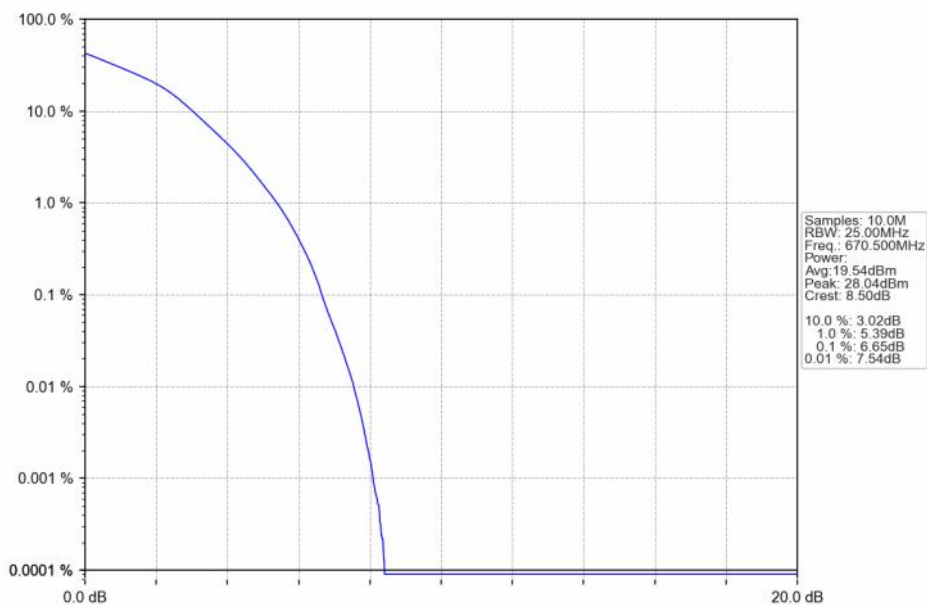


Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



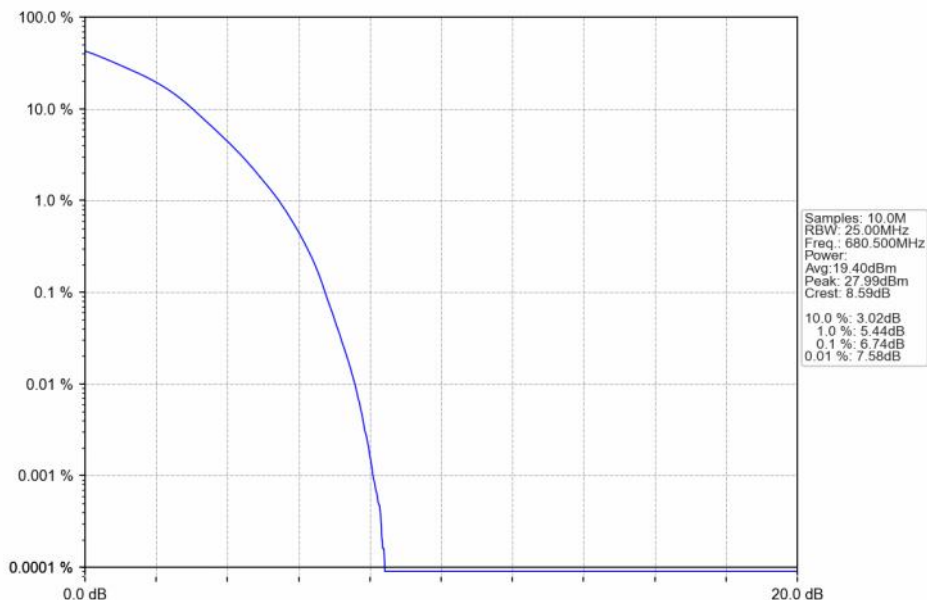
2024-11-09 09:58:53

Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



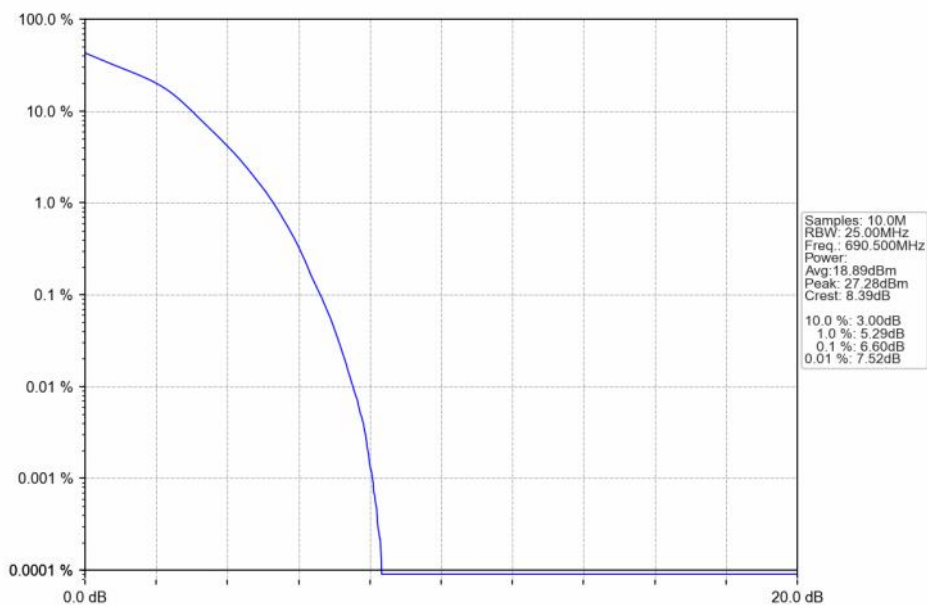
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Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTNV



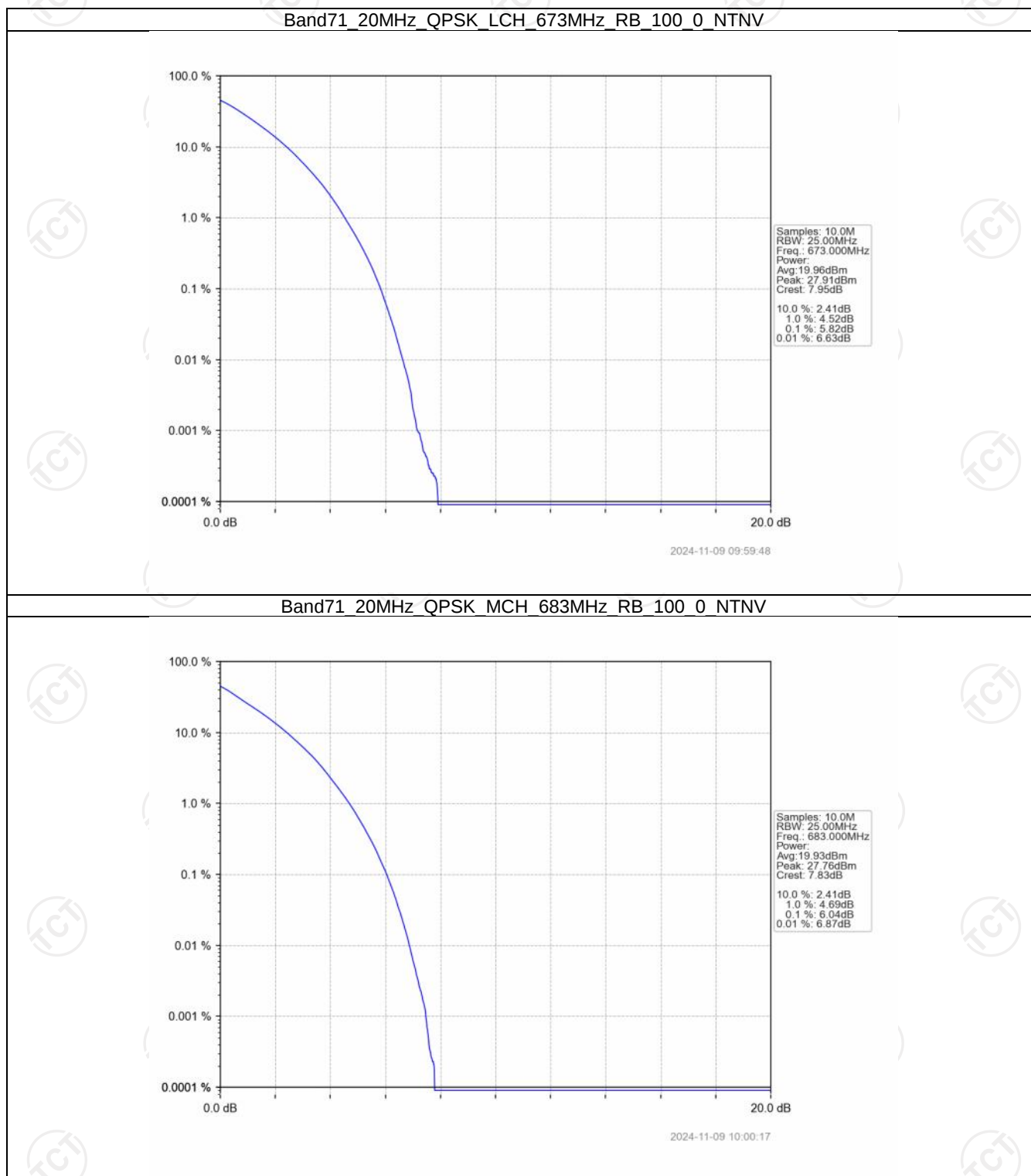
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Band71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTNV

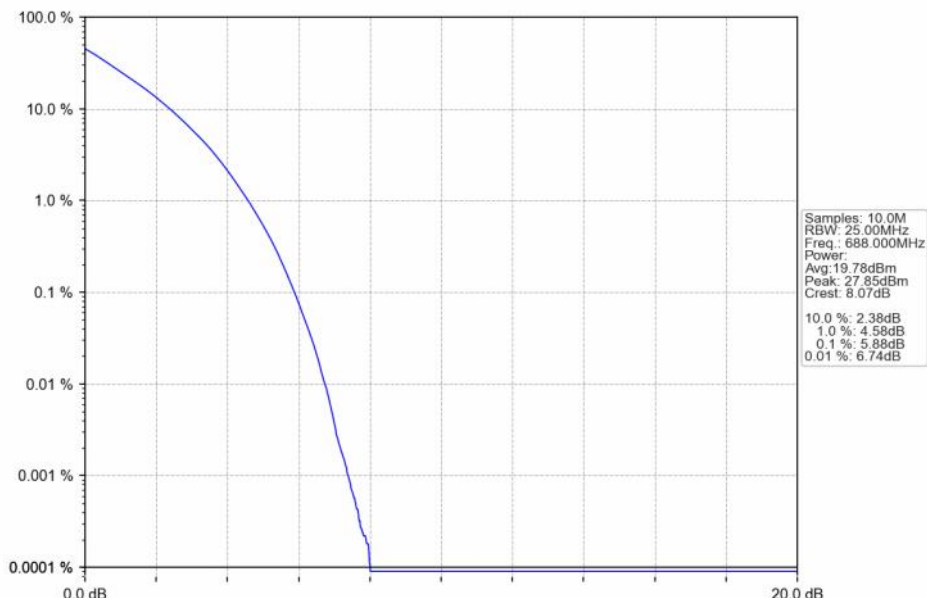


2024-11-09 09:59:07

5.2.4 B71_20MHz

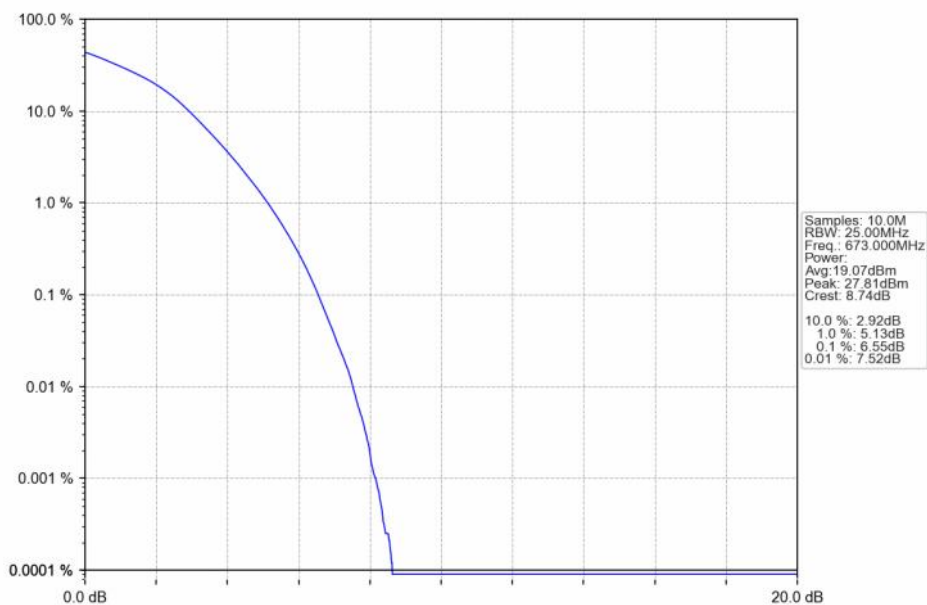


Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



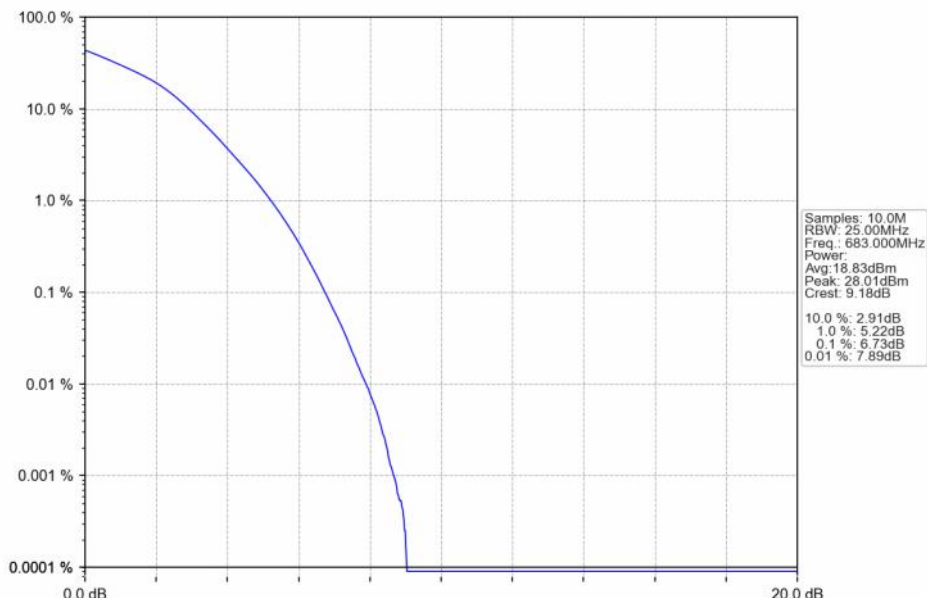
2024-11-09 10:00:47

Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



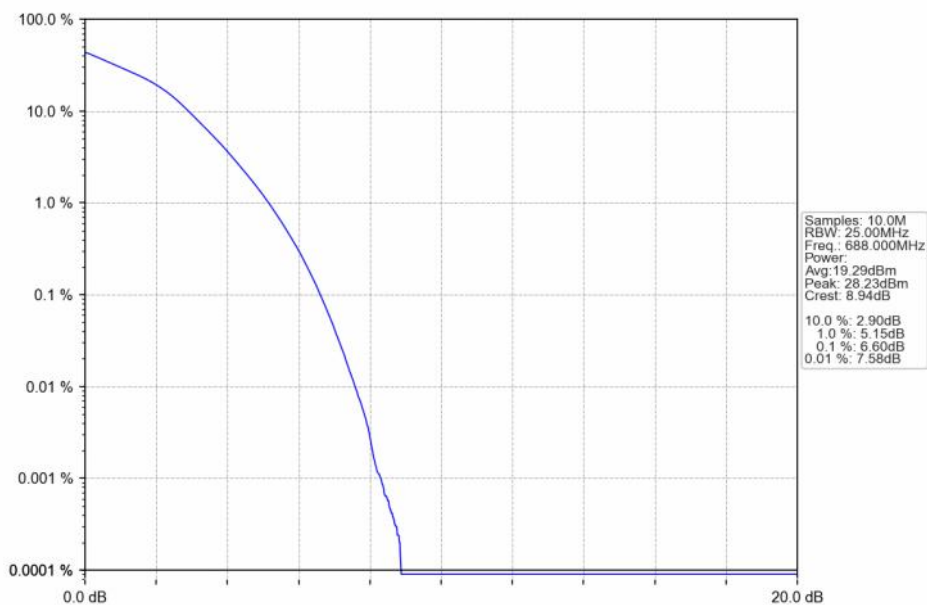
2024-11-09 10:00:01

Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



2024-11-09 10:00:30

Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



2024-11-09 10:01:00

6. Spurious Emission

6.1 Test Result

6.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	670.5	1	0	Refer To Test Graph		Pass

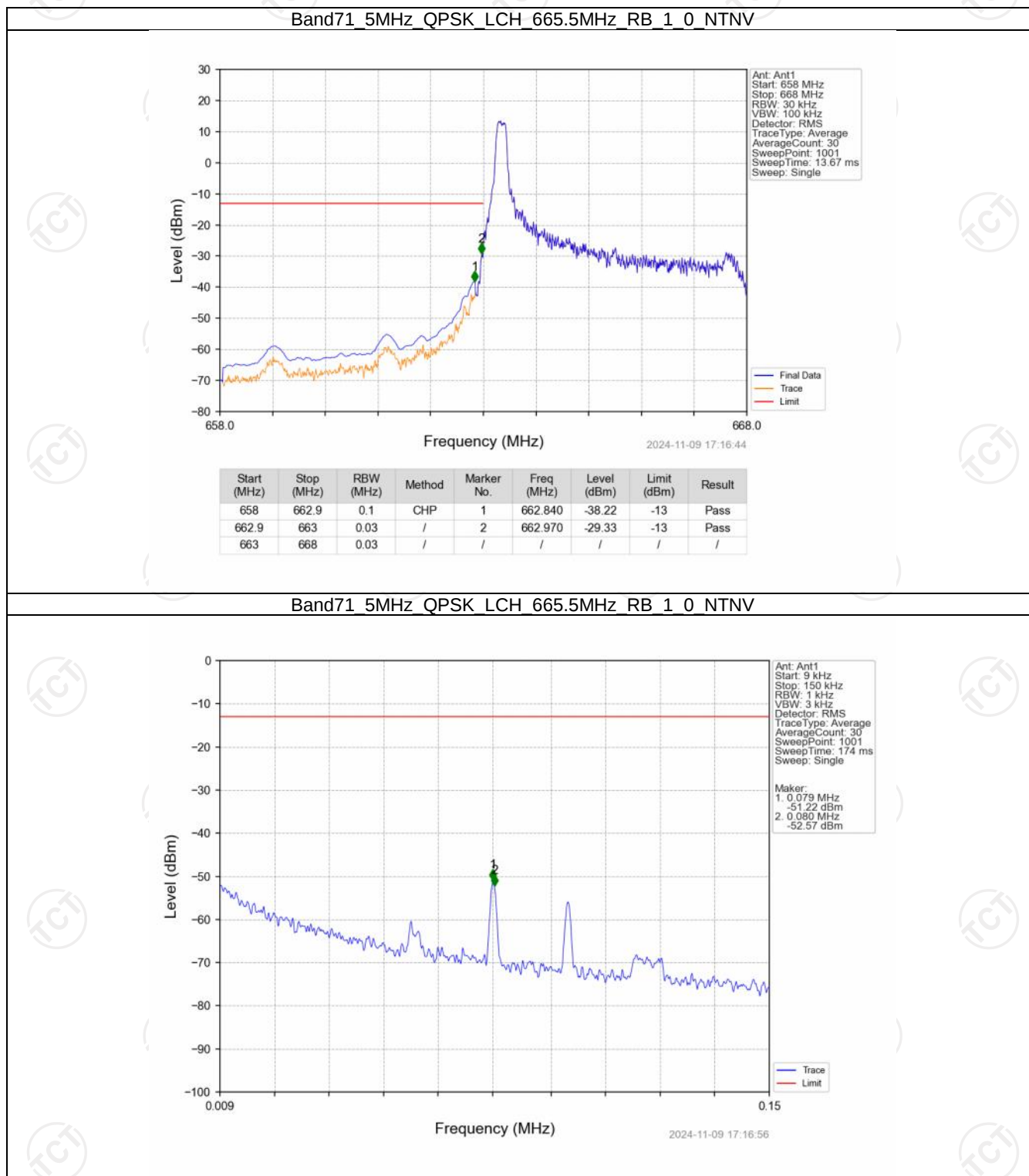
		75	0	Refer To Test Graph	Pass
	680.5	1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B71_20MHz

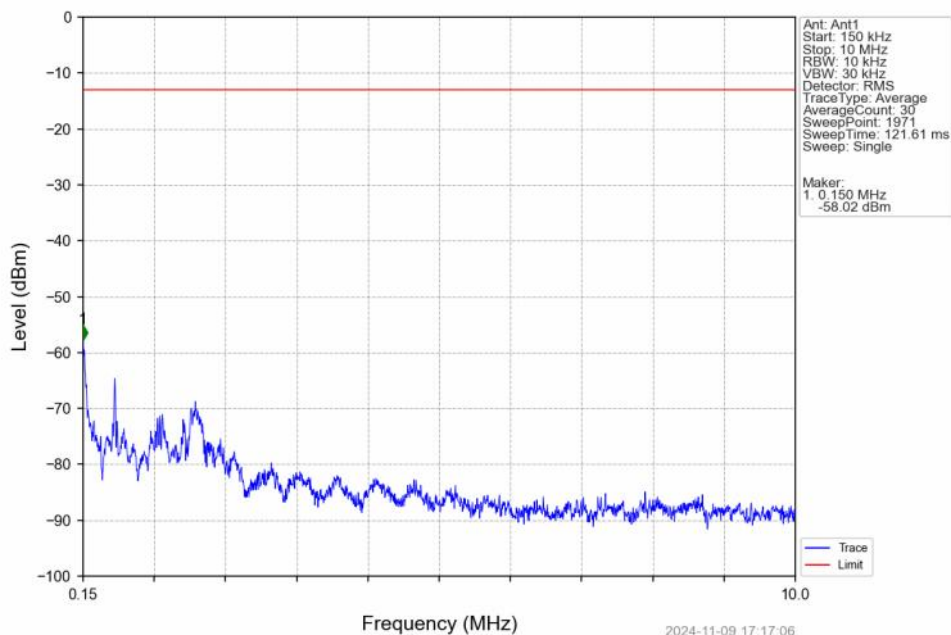
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

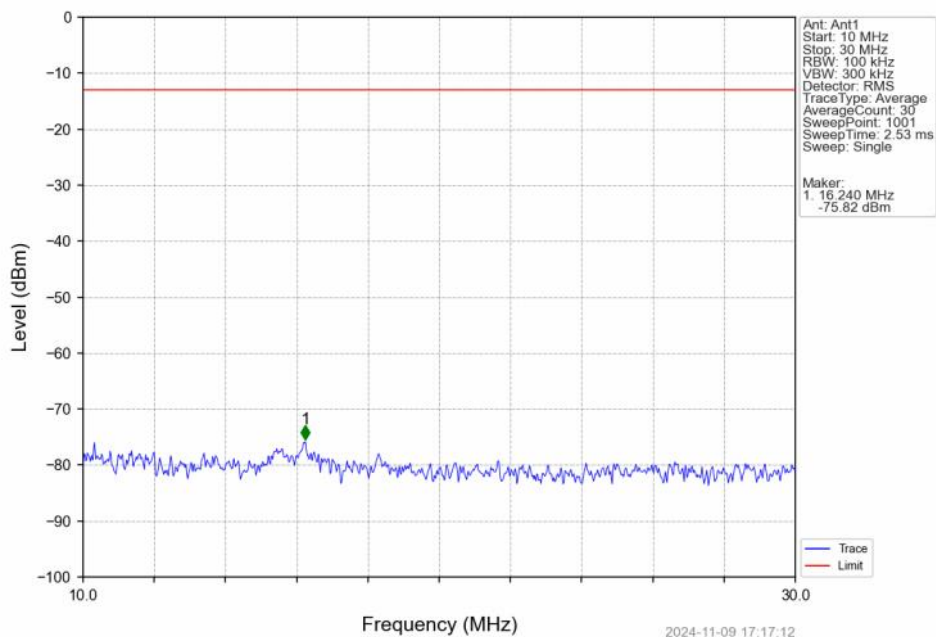
6.2.1 B71_5MHz



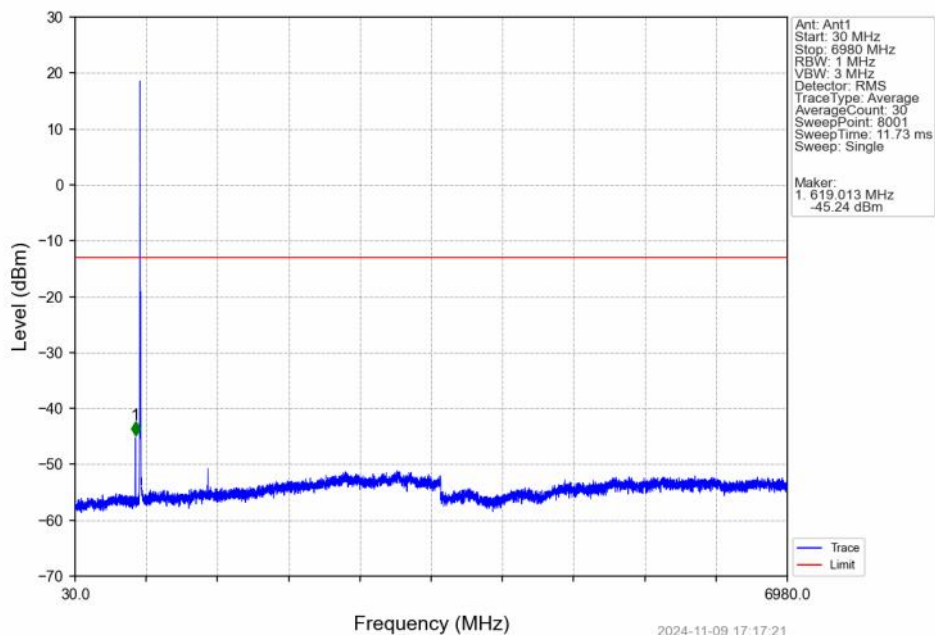
Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTN



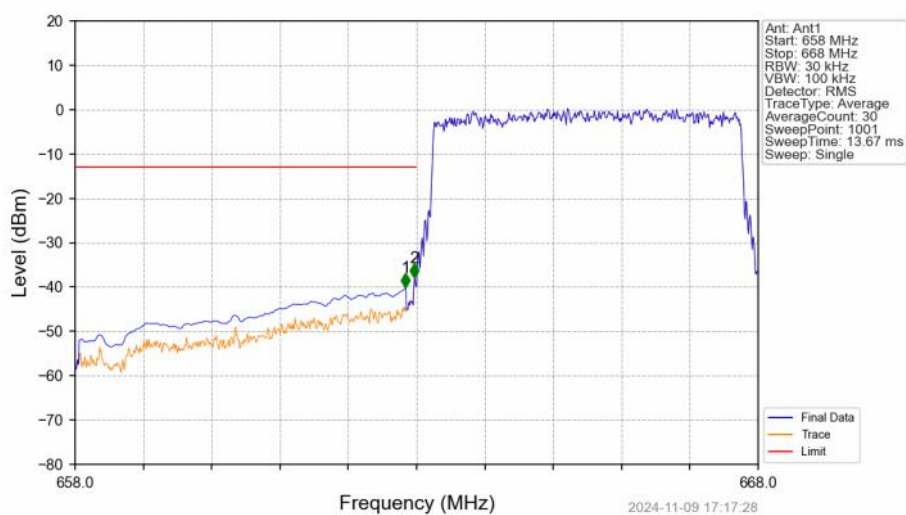
Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTN



Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTNV

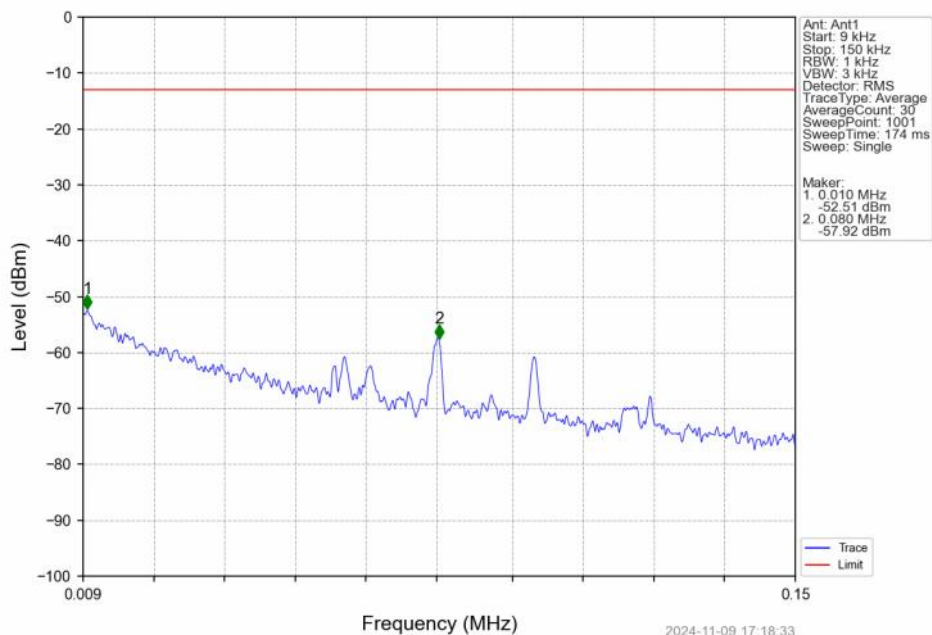


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

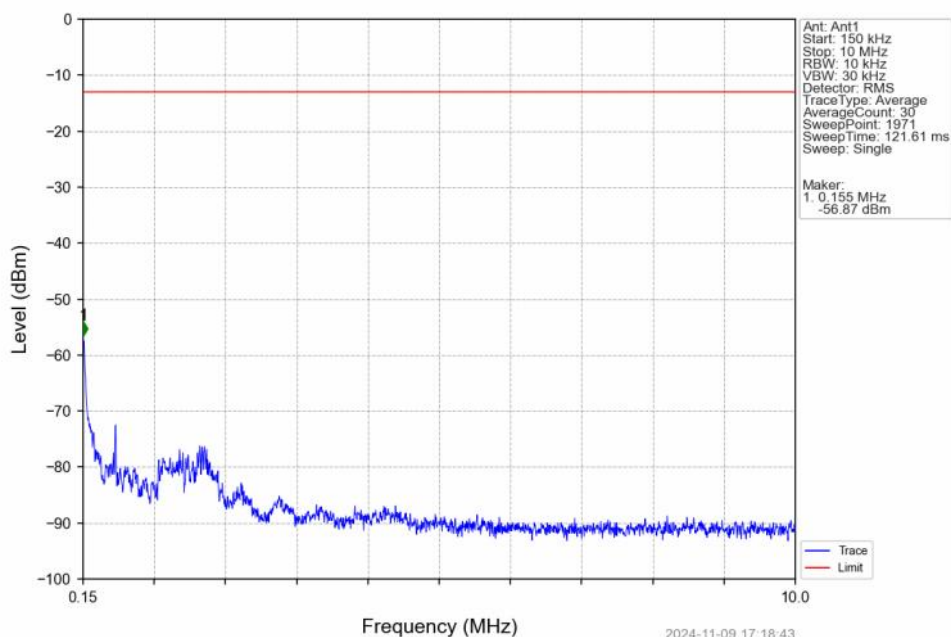


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-40.04	-13	Pass
662.9	663	0.03	/	2	662.970	-37.83	-13	Pass
663	668	0.03	/	/	/	/	/	/

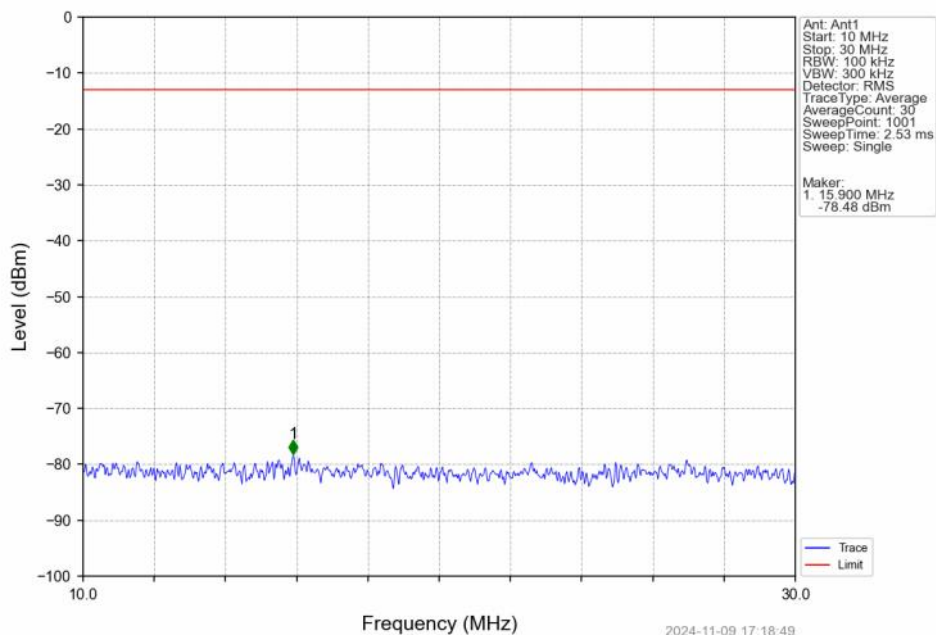
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



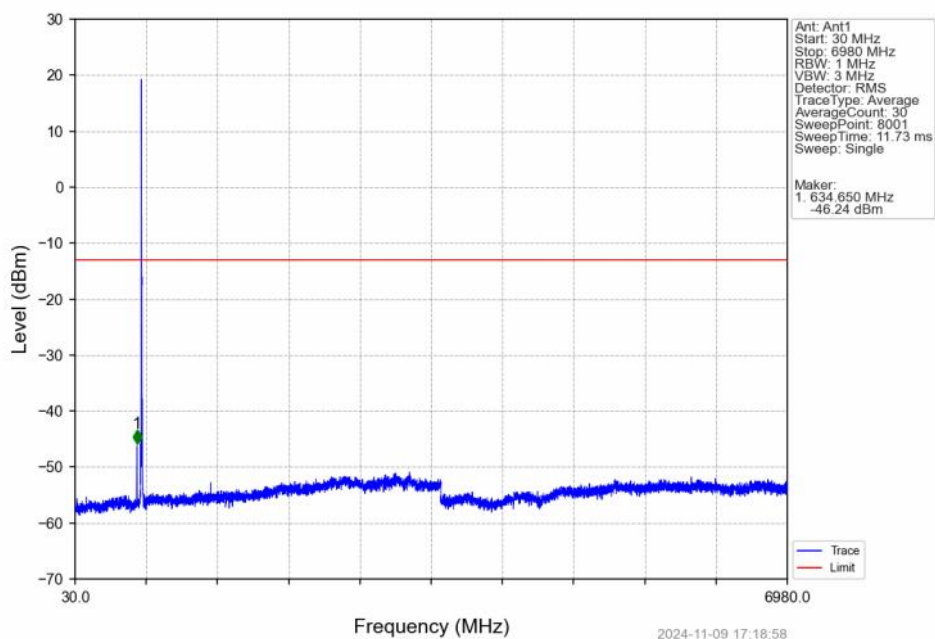
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



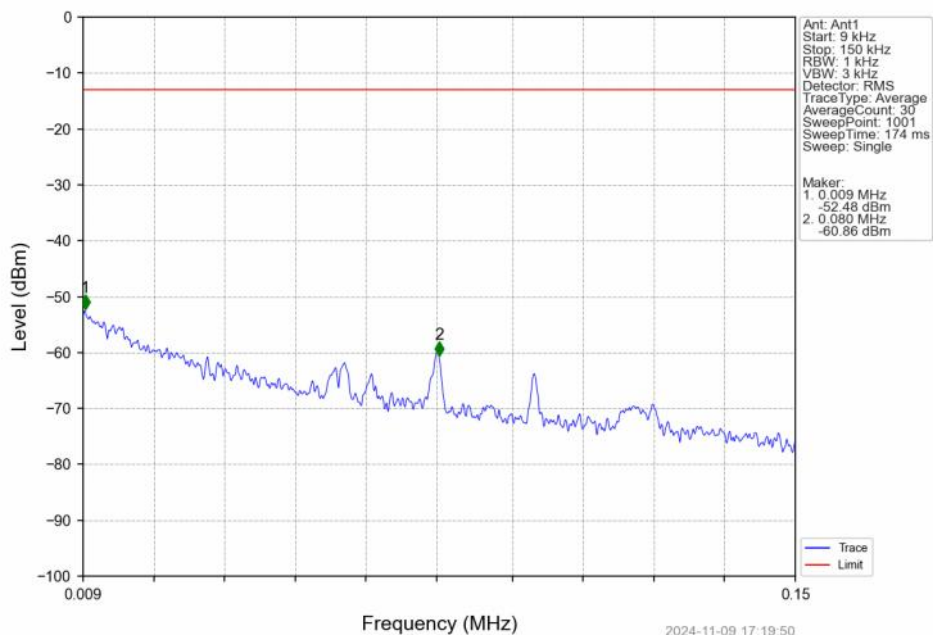
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



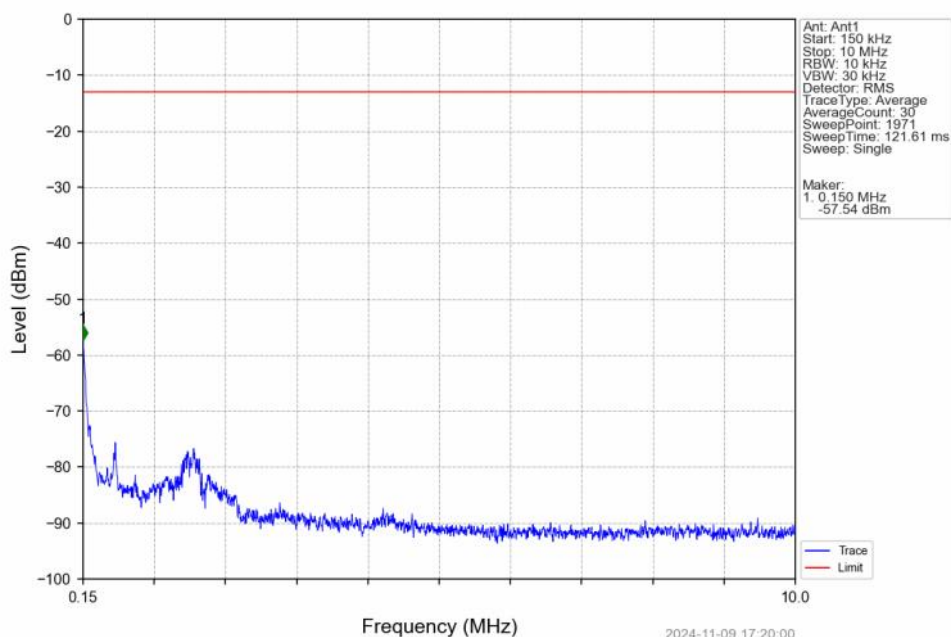
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



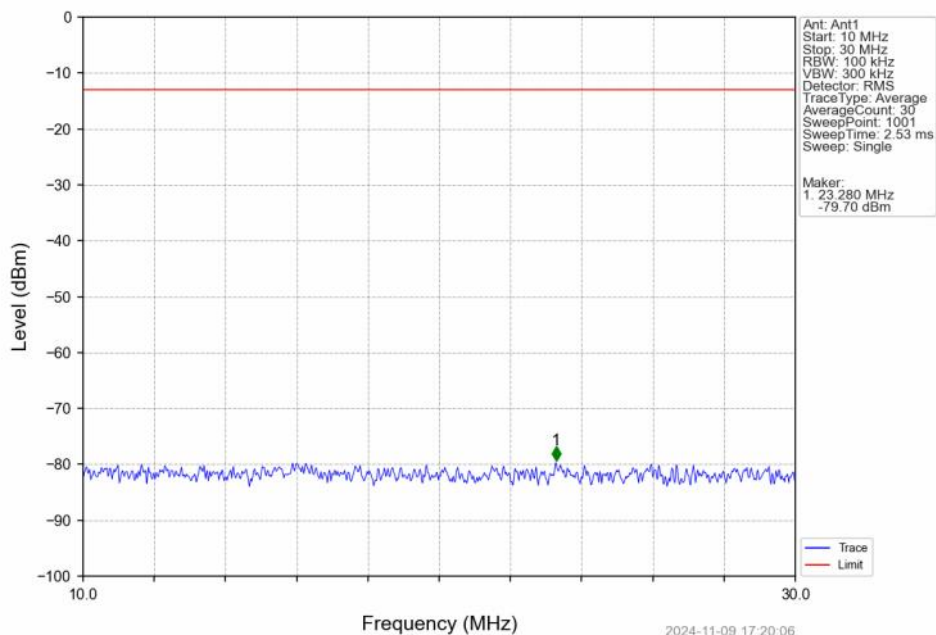
Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN



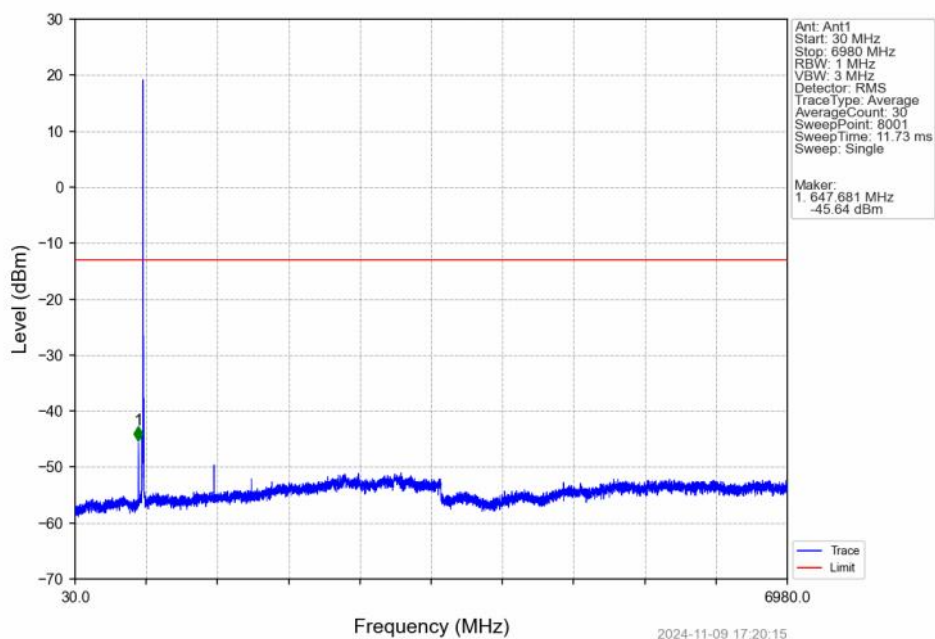
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0 NTN



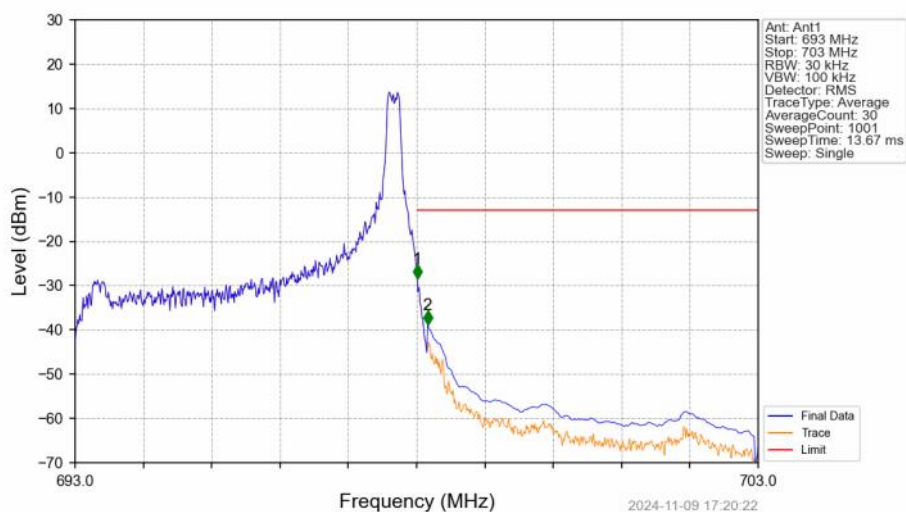
Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTN

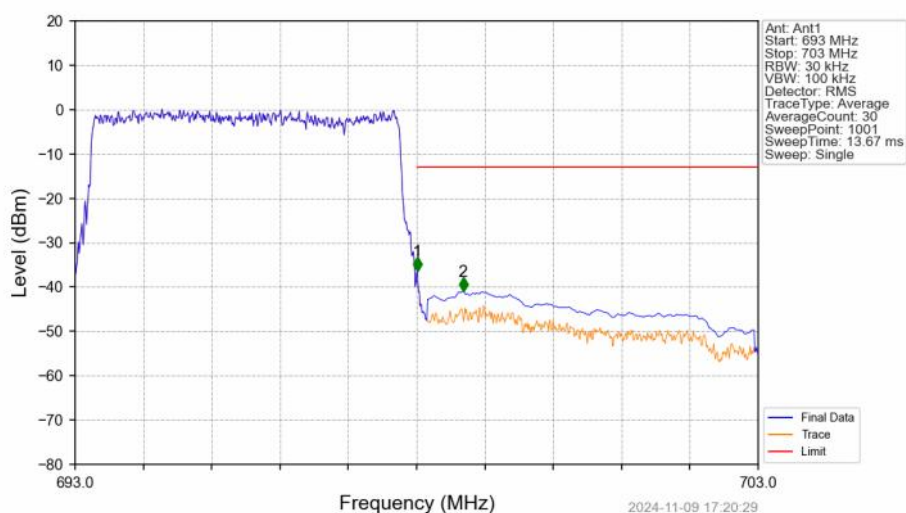


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTV



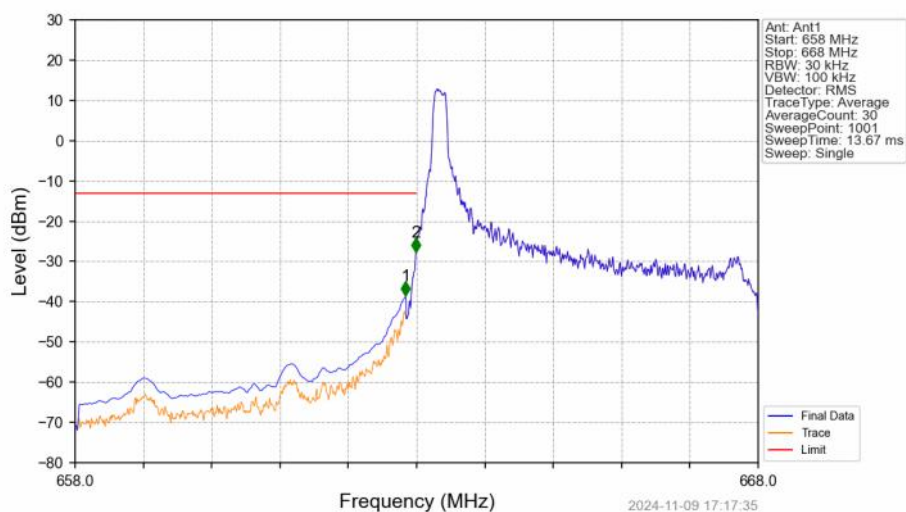
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-28.43	-13	Pass
698.1	703	0.1	CHP	2	698.160	-38.86	-13	Pass

Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV



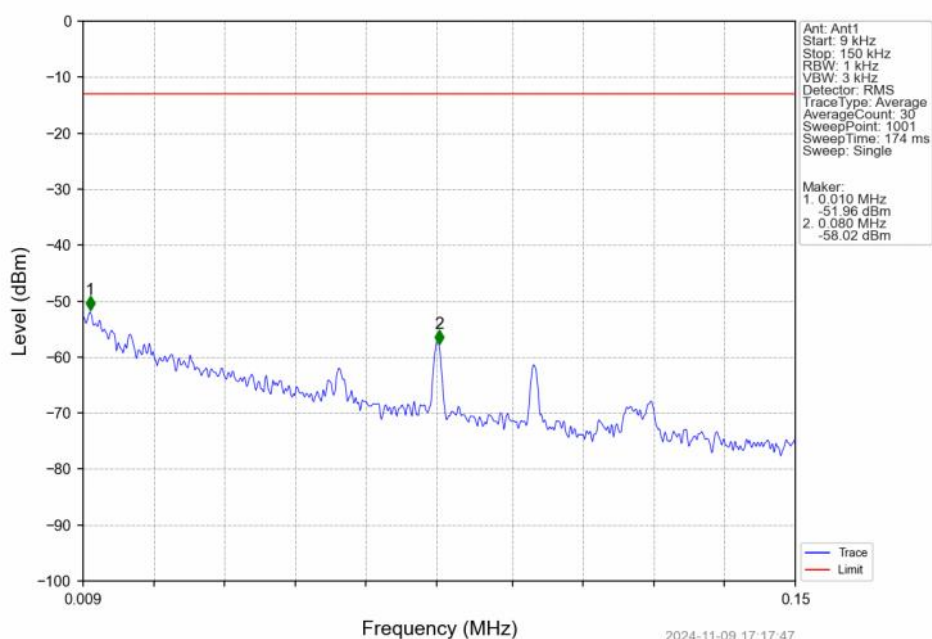
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-36.44	-13	Pass
698.1	703	0.1	CHP	2	698.680	-40.97	-13	Pass

Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTV

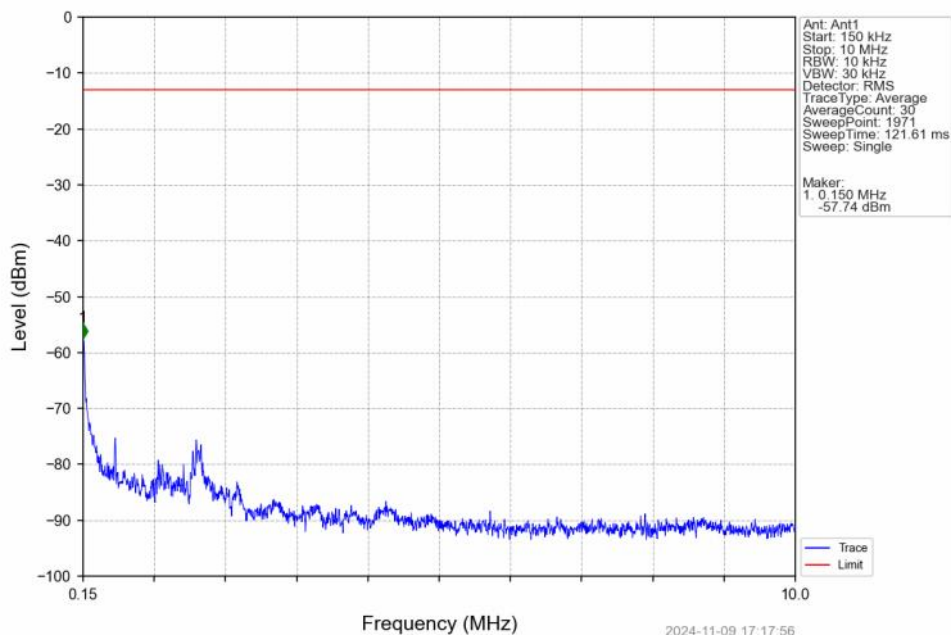


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-38.49	-13	Pass
662.9	663	0.03	/	2	662.990	-27.62	-13	Pass
663	668	0.03	/	/	/	/	/	/

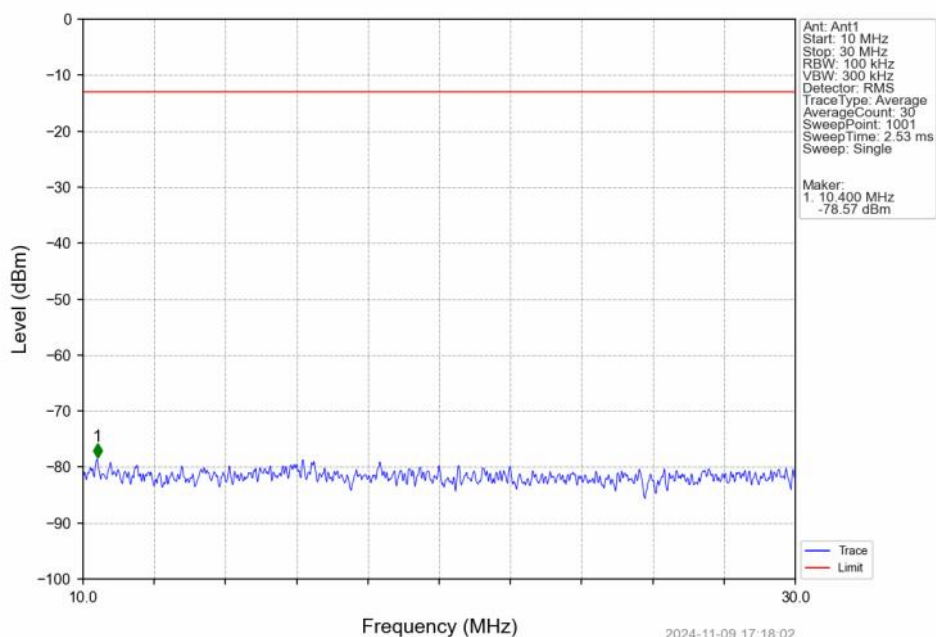
Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTV



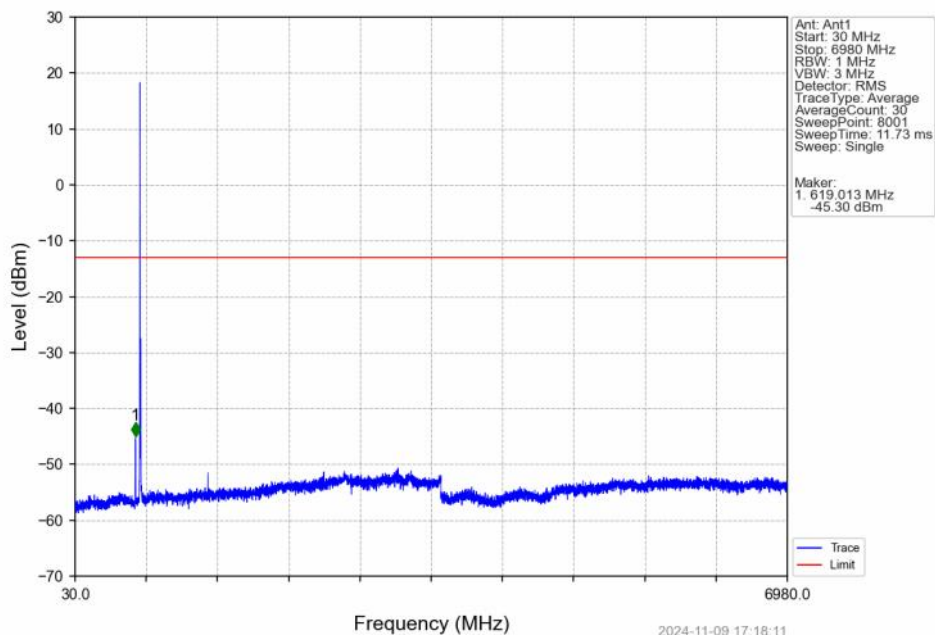
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV



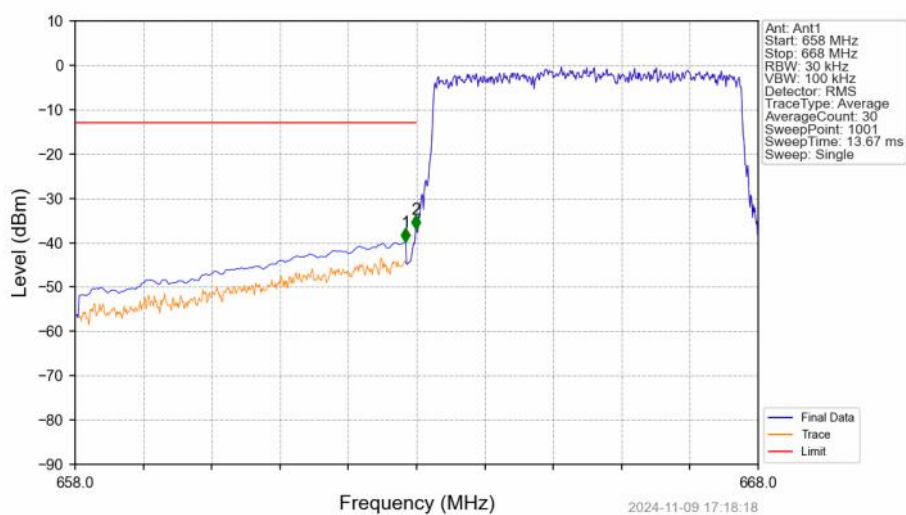
Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV



Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTV



Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-39.90	-13	Pass
662.9	663	0.03	/	2	662.990	-37.00	-13	Pass
663	668	0.03	/	/	/	/	/	/