

Appendix - LTE Band_71

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	20.68	-3.75	14.78	<=34.77	Pass
			13	20.73	-3.75	14.83	<=34.77	Pass
			24	20.57	-3.75	14.67	<=34.77	Pass
		12	0	19.69	-3.75	13.79	<=34.77	Pass
			6	19.74	-3.75	13.84	<=34.77	Pass
			13	19.75	-3.75	13.85	<=34.77	Pass
		25	0	19.73	-3.75	13.83	<=34.77	Pass
	680.5	1	0	21.26	-3.75	15.36	<=34.77	Pass
			13	21.34	-3.75	15.44	<=34.77	Pass
			24	21.20	-3.75	15.30	<=34.77	Pass
		12	0	20.27	-3.75	14.37	<=34.77	Pass
			6	20.32	-3.75	14.42	<=34.77	Pass
			13	20.26	-3.75	14.36	<=34.77	Pass
		25	0	20.28	-3.75	14.38	<=34.77	Pass
	695.5	1	0	21.16	-3.75	15.26	<=34.77	Pass
			13	21.16	-3.75	15.26	<=34.77	Pass
			24	21.09	-3.75	15.19	<=34.77	Pass
		12	0	20.35	-3.75	14.45	<=34.77	Pass
			6	20.28	-3.75	14.38	<=34.77	Pass
			13	20.23	-3.75	14.33	<=34.77	Pass
		25	0	20.28	-3.75	14.38	<=34.77	Pass
16QAM	665.5	1	0	19.90	-3.75	14.00	<=34.77	Pass
			13	19.97	-3.75	14.07	<=34.77	Pass
			24	19.80	-3.75	13.90	<=34.77	Pass
		12	0	18.77	-3.75	12.87	<=34.77	Pass
			6	18.78	-3.75	12.88	<=34.77	Pass
			13	18.79	-3.75	12.89	<=34.77	Pass
		25	0	18.76	-3.75	12.86	<=34.77	Pass
	680.5	1	0	20.48	-3.75	14.58	<=34.77	Pass
			13	20.56	-3.75	14.66	<=34.77	Pass
			24	20.45	-3.75	14.55	<=34.77	Pass
		12	0	19.19	-3.75	13.29	<=34.77	Pass
			6	19.27	-3.75	13.37	<=34.77	Pass
			13	19.22	-3.75	13.32	<=34.77	Pass
		25	0	19.31	-3.75	13.41	<=34.77	Pass
	695.5	1	0	20.44	-3.75	14.54	<=34.77	Pass
			13	20.50	-3.75	14.60	<=34.77	Pass
			24	20.36	-3.75	14.46	<=34.77	Pass
		12	0	19.25	-3.75	13.35	<=34.77	Pass
			6	19.29	-3.75	13.39	<=34.77	Pass
			13	19.20	-3.75	13.30	<=34.77	Pass
		25	0	19.28	-3.75	13.38	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	20.80	-3.75	14.90	<=34.77	Pass
			25	20.85	-3.75	14.95	<=34.77	Pass
			49	20.66	-3.75	14.76	<=34.77	Pass
		25	0	19.74	-3.75	13.84	<=34.77	Pass
			13	19.82	-3.75	13.92	<=34.77	Pass
			25	19.82	-3.75	13.92	<=34.77	Pass
		50	0	19.79	-3.75	13.89	<=34.77	Pass
	680.5	1	0	20.65	-3.75	14.75	<=34.77	Pass
			25	20.82	-3.75	14.92	<=34.77	Pass
			49	20.57	-3.75	14.67	<=34.77	Pass
		25	0	19.75	-3.75	13.85	<=34.77	Pass
			13	19.64	-3.75	13.74	<=34.77	Pass
			25	19.69	-3.75	13.79	<=34.77	Pass
		50	0	19.71	-3.75	13.81	<=34.77	Pass
	693	1	0	20.56	-3.75	14.66	<=34.77	Pass
			25	20.63	-3.75	14.73	<=34.77	Pass
			49	20.34	-3.75	14.44	<=34.77	Pass
		25	0	19.63	-3.75	13.73	<=34.77	Pass
			13	19.59	-3.75	13.69	<=34.77	Pass
			25	19.55	-3.75	13.65	<=34.77	Pass
		50	0	19.58	-3.75	13.68	<=34.77	Pass
16QAM	668	1	0	20.02	-3.75	14.12	<=34.77	Pass
			25	20.10	-3.75	14.20	<=34.77	Pass
			49	19.90	-3.75	14.00	<=34.77	Pass
		25	0	18.76	-3.75	12.86	<=34.77	Pass
			13	18.85	-3.75	12.95	<=34.77	Pass
			25	18.82	-3.75	12.92	<=34.77	Pass
		50	0	18.77	-3.75	12.87	<=34.77	Pass
	680.5	1	0	19.68	-3.75	13.78	<=34.77	Pass
			25	19.87	-3.75	13.97	<=34.77	Pass
			49	19.65	-3.75	13.75	<=34.77	Pass
		25	0	18.81	-3.75	12.91	<=34.77	Pass
			13	18.73	-3.75	12.83	<=34.77	Pass
			25	18.74	-3.75	12.84	<=34.77	Pass
		50	0	18.75	-3.75	12.85	<=34.77	Pass
	693	1	0	19.73	-3.75	13.83	<=34.77	Pass
			25	19.88	-3.75	13.98	<=34.77	Pass
			49	19.62	-3.75	13.72	<=34.77	Pass
		25	0	18.67	-3.75	12.77	<=34.77	Pass
			13	18.66	-3.75	12.76	<=34.77	Pass
			25	18.59	-3.75	12.69	<=34.77	Pass
		50	0	18.58	-3.75	12.68	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	21.30	-3.75	15.40	<=34.77	Pass
			38	21.34	-3.75	15.44	<=34.77	Pass
			74	21.23	-3.75	15.33	<=34.77	Pass
		36	0	20.31	-3.75	14.41	<=34.77	Pass
			18	20.36	-3.75	14.46	<=34.77	Pass
			39	20.25	-3.75	14.35	<=34.77	Pass
		75	0	20.31	-3.75	14.41	<=34.77	Pass
	680.5	1	0	21.41	-3.75	15.51	<=34.77	Pass

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			38	21.45	-3.75	15.55	<=34.77	Pass	
			74	21.28	-3.75	15.38	<=34.77	Pass	
		36	0	20.57	-3.75	14.67	<=34.77	Pass	
			18	20.45	-3.75	14.55	<=34.77	Pass	
			39	20.50	-3.75	14.60	<=34.77	Pass	
		75	0	20.53	-3.75	14.63	<=34.77	Pass	
		690.5	1	0	21.32	-3.75	15.42	<=34.77	Pass
	38			21.34	-3.75	15.44	<=34.77	Pass	
	74			21.16	-3.75	15.26	<=34.77	Pass	
	36		0	20.38	-3.75	14.48	<=34.77	Pass	
			18	20.44	-3.75	14.54	<=34.77	Pass	
			39	20.33	-3.75	14.43	<=34.77	Pass	
	75		0	20.37	-3.75	14.47	<=34.77	Pass	
	16QAM	670.5	1	0	20.77	-3.75	14.87	<=34.77	Pass
38				20.86	-3.75	14.96	<=34.77	Pass	
74				20.76	-3.75	14.86	<=34.77	Pass	
36			0	19.18	-3.75	13.28	<=34.77	Pass	
			18	19.28	-3.75	13.38	<=34.77	Pass	
			39	19.14	-3.75	13.24	<=34.77	Pass	
75			0	19.26	-3.75	13.36	<=34.77	Pass	
680.5		1	0	20.44	-3.75	14.54	<=34.77	Pass	
			38	20.52	-3.75	14.62	<=34.77	Pass	
			74	20.32	-3.75	14.42	<=34.77	Pass	
		36	0	19.53	-3.75	13.63	<=34.77	Pass	
			18	19.41	-3.75	13.51	<=34.77	Pass	
			39	19.43	-3.75	13.53	<=34.77	Pass	
		75	0	19.55	-3.75	13.65	<=34.77	Pass	
690.5		1	0	20.53	-3.75	14.63	<=34.77	Pass	
			38	20.58	-3.75	14.68	<=34.77	Pass	
			74	20.41	-3.75	14.51	<=34.77	Pass	
		36	0	19.36	-3.75	13.46	<=34.77	Pass	
			18	19.38	-3.75	13.48	<=34.77	Pass	
			39	19.36	-3.75	13.46	<=34.77	Pass	
		75	0	19.40	-3.75	13.50	<=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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	20.71	-3.75	14.81	<=34.77	Pass
			50	20.98	-3.75	15.08	<=34.77	Pass
			99	20.65	-3.75	14.75	<=34.77	Pass
		50	0	19.83	-3.75	13.93	<=34.77	Pass
			25	20.03	-3.75	14.13	<=34.77	Pass
			50	19.79	-3.75	13.89	<=34.77	Pass
		100	0	19.84	-3.75	13.94	<=34.77	Pass
		1	0	20.62	-3.75	14.72	<=34.77	Pass
			50	20.94	-3.75	15.04	<=34.77	Pass
			99	20.42	-3.75	14.52	<=34.77	Pass
			0	19.94	-3.75	14.04	<=34.77	Pass
			25	19.80	-3.75	13.90	<=34.77	Pass
			50	19.85	-3.75	13.95	<=34.77	Pass
	683	100	0	19.88	-3.75	13.98	<=34.77	Pass
		1	0	21.30	-3.75	15.40	<=34.77	Pass
			50	21.47	-3.75	15.57	<=34.77	Pass
			99	21.00	-3.75	15.10	<=34.77	Pass
		50	0	20.24	-3.75	14.34	<=34.77	Pass
			0	20.24	-3.75	14.34	<=34.77	Pass

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16QAM	673	100	25	20.34	-3.75	14.44	<=34.77	Pass
			50	20.25	-3.75	14.35	<=34.77	Pass
			0	20.27	-3.75	14.37	<=34.77	Pass
		1	0	20.25	-3.75	14.35	<=34.77	Pass
			50	20.59	-3.75	14.69	<=34.77	Pass
			99	20.21	-3.75	14.31	<=34.77	Pass
		50	0	18.89	-3.75	12.99	<=34.77	Pass
			25	19.01	-3.75	13.11	<=34.77	Pass
			50	18.80	-3.75	12.90	<=34.77	Pass
		100	0	18.83	-3.75	12.93	<=34.77	Pass
	683	1	0	19.87	-3.75	13.97	<=34.77	Pass
			50	20.13	-3.75	14.23	<=34.77	Pass
			99	19.68	-3.75	13.78	<=34.77	Pass
		50	0	18.97	-3.75	13.07	<=34.77	Pass
			25	18.82	-3.75	12.92	<=34.77	Pass
			50	18.85	-3.75	12.95	<=34.77	Pass
		100	0	18.96	-3.75	13.06	<=34.77	Pass
	688	1	0	20.50	-3.75	14.60	<=34.77	Pass
			50	20.65	-3.75	14.75	<=34.77	Pass
			99	20.27	-3.75	14.37	<=34.77	Pass
		50	0	19.27	-3.75	13.37	<=34.77	Pass
			25	19.39	-3.75	13.49	<=34.77	Pass
			50	19.24	-3.75	13.34	<=34.77	Pass
		100	0	19.33	-3.75	13.43	<=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	-4.034	-0.0061	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0065	-2.5 to 2.5	Pass
					4.43	-5.651	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-5.822	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-7.453	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-6.351	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-10.314	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-7.324	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-9.155	-0.0138	-2.5 to 2.5	Pass
				40	3.85	-6.766	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-8.397	-0.0126	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-12.546	-0.0184	-2.5 to 2.5	Pass
					3.85	-3.347	-0.0049	-2.5 to 2.5	Pass
					4.43	-10.185	-0.0150	-2.5 to 2.5	Pass
				-30	3.85	-9.713	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-11.501	-0.0169	-2.5 to 2.5	Pass
				-10	3.85	-1.388	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-8.740	-0.0128	-2.5 to 2.5	Pass
				10	3.85	-6.838	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-4.363	-0.0064	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-9.713	-0.0140	-2.5 to 2.5	Pass

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					3.85	-3.490	-0.0050	-2.5 to 2.5	Pass
					4.43	-5.164	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-11.415	-0.0164	-2.5 to 2.5	Pass
				-10	3.85	-11.702	-0.0168	-2.5 to 2.5	Pass
				0	3.85	-9.928	-0.0143	-2.5 to 2.5	Pass
				10	3.85	-8.569	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-3.061	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0035	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-7.939	-0.0119	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0092	-2.5 to 2.5	Pass
					4.43	-4.764	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-6.938	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-9.184	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-3.290	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-4.621	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-6.337	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-5.651	-0.0085	-2.5 to 2.5	Pass
	50	3.85	-4.134	-0.0062	-2.5 to 2.5	Pass			
	680.5	25	0	20	3.27	-10.271	-0.0151	-2.5 to 2.5	Pass
					3.85	-10.014	-0.0147	-2.5 to 2.5	Pass
					4.43	-3.304	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-3.948	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-6.881	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-7.925	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-7.281	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-9.427	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-8.669	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0080	-2.5 to 2.5	Pass
	50	3.85	-8.783	-0.0129	-2.5 to 2.5	Pass			
	695.5	25	0	20	3.27	-7.195	-0.0103	-2.5 to 2.5	Pass
					3.85	-5.579	-0.0080	-2.5 to 2.5	Pass
					4.43	-6.523	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-4.735	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-2.017	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-4.034	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-7.310	-0.0105	-2.5 to 2.5	Pass
30				3.85	-4.578	-0.0066	-2.5 to 2.5	Pass	
40				3.85	-6.480	-0.0093	-2.5 to 2.5	Pass	
50	3.85	-2.818	-0.0041	-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	-6.981	-0.0105	-2.5 to 2.5	Pass
					3.85	-5.708	-0.0085	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-5.279	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-8.755	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-4.120	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-7.524	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-3.762	-0.0056	-2.5 to 2.5	Pass

16QAM	680.5	50	0	50	3.85	-6.838	-0.0102	-2.5 to 2.5	Pass
				20	3.27	-7.668	-0.0113	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0103	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-6.824	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-5.994	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-8.411	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-8.268	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-9.370	-0.0138	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0074	-2.5 to 2.5	Pass
	693	50	0	40	3.85	-6.180	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0084	-2.5 to 2.5	Pass
				20	3.27	-8.883	-0.0128	-2.5 to 2.5	Pass
					3.85	-7.310	-0.0105	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-7.582	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-8.841	-0.0128	-2.5 to 2.5	Pass
				-10	3.85	-5.579	-0.0081	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-9.027	-0.0130	-2.5 to 2.5	Pass
				30	3.85	-9.155	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-8.025	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-10.829	-0.0156	-2.5 to 2.5	Pass
	668	50	0	20	3.27	-6.609	-0.0099	-2.5 to 2.5	Pass
					3.85	-3.376	-0.0051	-2.5 to 2.5	Pass
					4.43	-11.215	-0.0168	-2.5 to 2.5	Pass
				-30	3.85	-6.166	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-7.811	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-6.695	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-3.390	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-6.437	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-5.279	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0056	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-9.871	-0.0145	-2.5 to 2.5	Pass
					3.85	-7.210	-0.0106	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-3.963	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-6.380	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-7.339	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-9.055	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-8.326	-0.0122	-2.5 to 2.5	Pass
				50	3.85	-9.785	-0.0144	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-5.064	-0.0073	-2.5 to 2.5	Pass
					3.85	-6.652	-0.0096	-2.5 to 2.5	Pass
					4.43	-11.873	-0.0171	-2.5 to 2.5	Pass
				-30	3.85	-4.592	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-9.670	-0.0140	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-6.051	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-6.638	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-8.783	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-5.207	-0.0075	-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	-7.496	-0.0112	-2.5 to 2.5	Pass
					3.85	-6.781	-0.0101	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-7.739	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-6.995	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-9.985	-0.0149	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-5.980	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-4.792	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-5.550	-0.0083	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-4.206	-0.0062	-2.5 to 2.5	Pass
					3.85	-6.466	-0.0095	-2.5 to 2.5	Pass
					4.43	-6.537	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-6.595	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-9.484	-0.0139	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-8.225	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-6.194	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-4.892	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-7.010	-0.0103	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-5.522	-0.0080	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0077	-2.5 to 2.5	Pass
					4.43	-3.633	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-8.569	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-9.141	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-7.582	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-6.723	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0063	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-9.055	-0.0135	-2.5 to 2.5	Pass
					3.85	-11.387	-0.0170	-2.5 to 2.5	Pass
					4.43	-10.529	-0.0157	-2.5 to 2.5	Pass
				-30	3.85	-5.221	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-8.097	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-7.739	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-7.968	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-7.539	-0.0112	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-5.078	-0.0075	-2.5 to 2.5	Pass
					3.85	-7.782	-0.0114	-2.5 to 2.5	Pass
					4.43	-6.523	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-8.082	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-7.453	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-3.519	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-5.450	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-6.738	-0.0099	-2.5 to 2.5	Pass
	690.5	75	0	50	3.85	-8.068	-0.0119	-2.5 to 2.5	Pass
				20	3.27	-6.967	-0.0101	-2.5 to 2.5	Pass

					3.85	-4.091	-0.0059	-2.5 to 2.5	Pass
					4.43	-4.106	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-6.351	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-7.825	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-11.659	-0.0169	-2.5 to 2.5	Pass
				30	3.85	-7.839	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-5.636	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-8.583	-0.0124	-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	-6.824	-0.0101	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0086	-2.5 to 2.5	Pass
					4.43	-4.635	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.879	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-5.507	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-9.456	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-7.396	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-3.777	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-10.128	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-4.478	-0.0067	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-5.894	-0.0086	-2.5 to 2.5	Pass
					3.85	-8.340	-0.0122	-2.5 to 2.5	Pass
					4.43	-6.609	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-8.326	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-11.244	-0.0165	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-6.537	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-9.327	-0.0137	-2.5 to 2.5	Pass
				30	3.85	-5.651	-0.0083	-2.5 to 2.5	Pass
				40	3.85	-6.781	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-3.977	-0.0058	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-7.696	-0.0112	-2.5 to 2.5	Pass
					3.85	-7.696	-0.0112	-2.5 to 2.5	Pass
					4.43	-5.465	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-8.740	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-4.292	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-4.635	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-7.353	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-3.963	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-8.612	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-6.309	-0.0092	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-10.357	-0.0154	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0093	-2.5 to 2.5	Pass
					4.43	-9.098	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-6.666	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-8.025	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-9.656	-0.0143	-2.5 to 2.5	Pass
				0	3.85	-7.768	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-8.926	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-9.027	-0.0134	-2.5 to 2.5	Pass
				40	3.85	-5.264	-0.0078	-2.5 to 2.5	Pass

	683	100	0	50	3.85	-6.924	-0.0103	-2.5 to 2.5	Pass
				20	3.27	-6.509	-0.0095	-2.5 to 2.5	Pass
					3.85	-4.950	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-6.766	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-2.103	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-4.606	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0094	-2.5 to 2.5	Pass
	688	100	0	40	3.85	-5.035	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0063	-2.5 to 2.5	Pass
				20	3.27	-7.367	-0.0107	-2.5 to 2.5	Pass
					3.85	-10.057	-0.0146	-2.5 to 2.5	Pass
					4.43	-7.567	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-8.469	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-6.008	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-6.151	-0.0089	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-9.584	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-7.825	-0.0114	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B71_5MHz

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

3.1.2 B71_10MHz

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

3.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTVN						
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

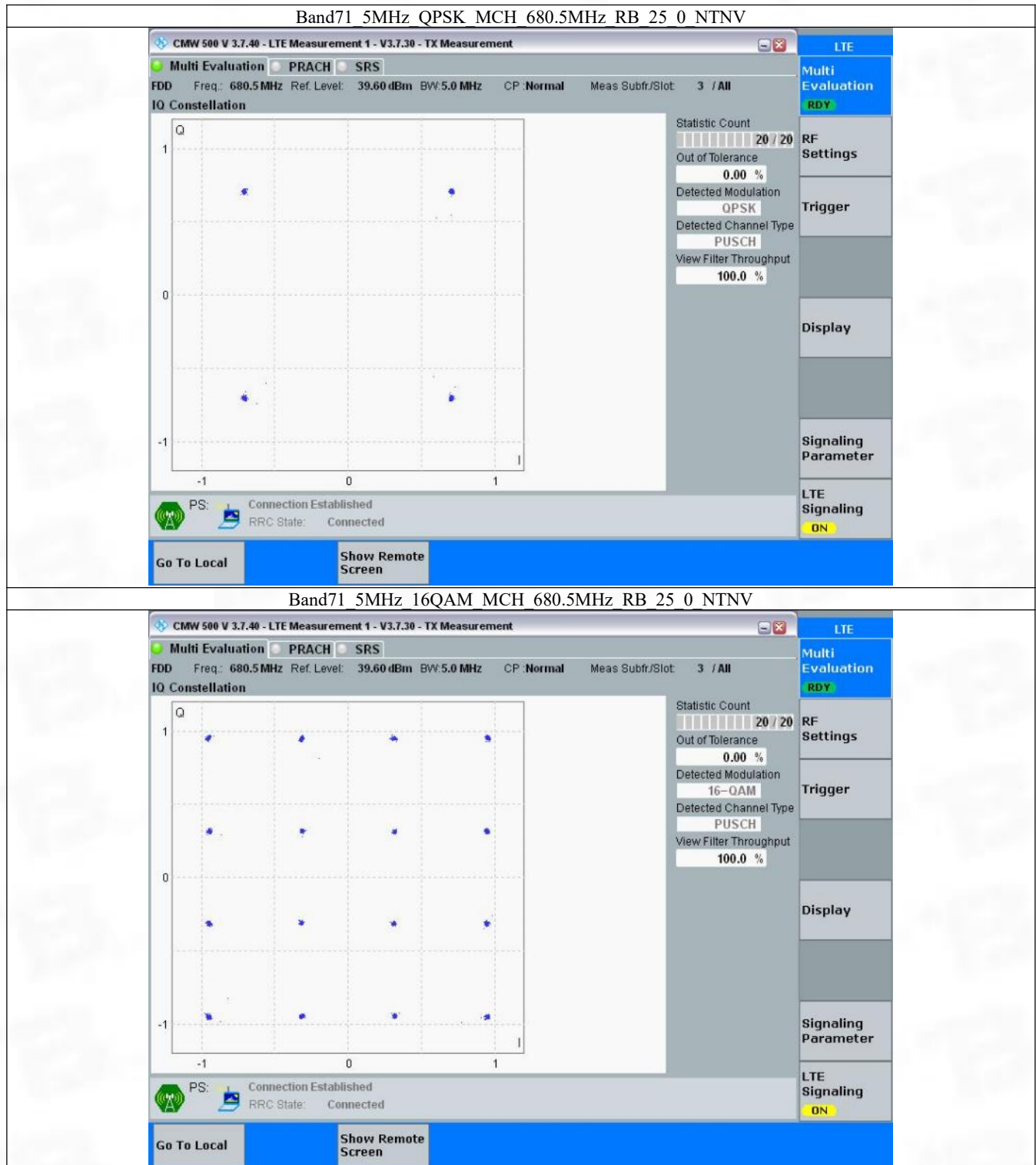
3.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV				
Modulation	Frequency	RB Allocation	Modulation Characteristics	Verdict

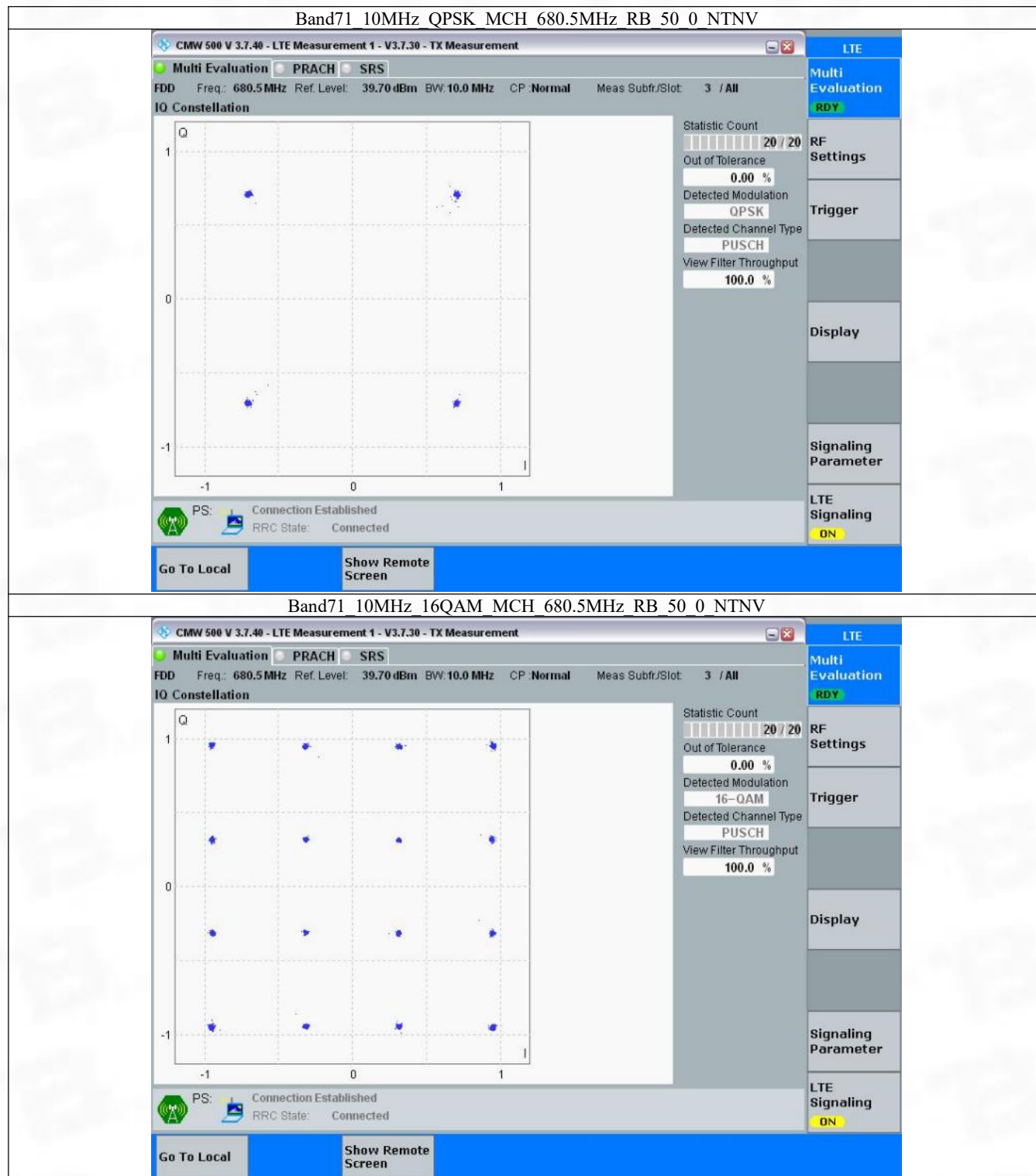
	(MHz)	Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass

3.2 Test Graph

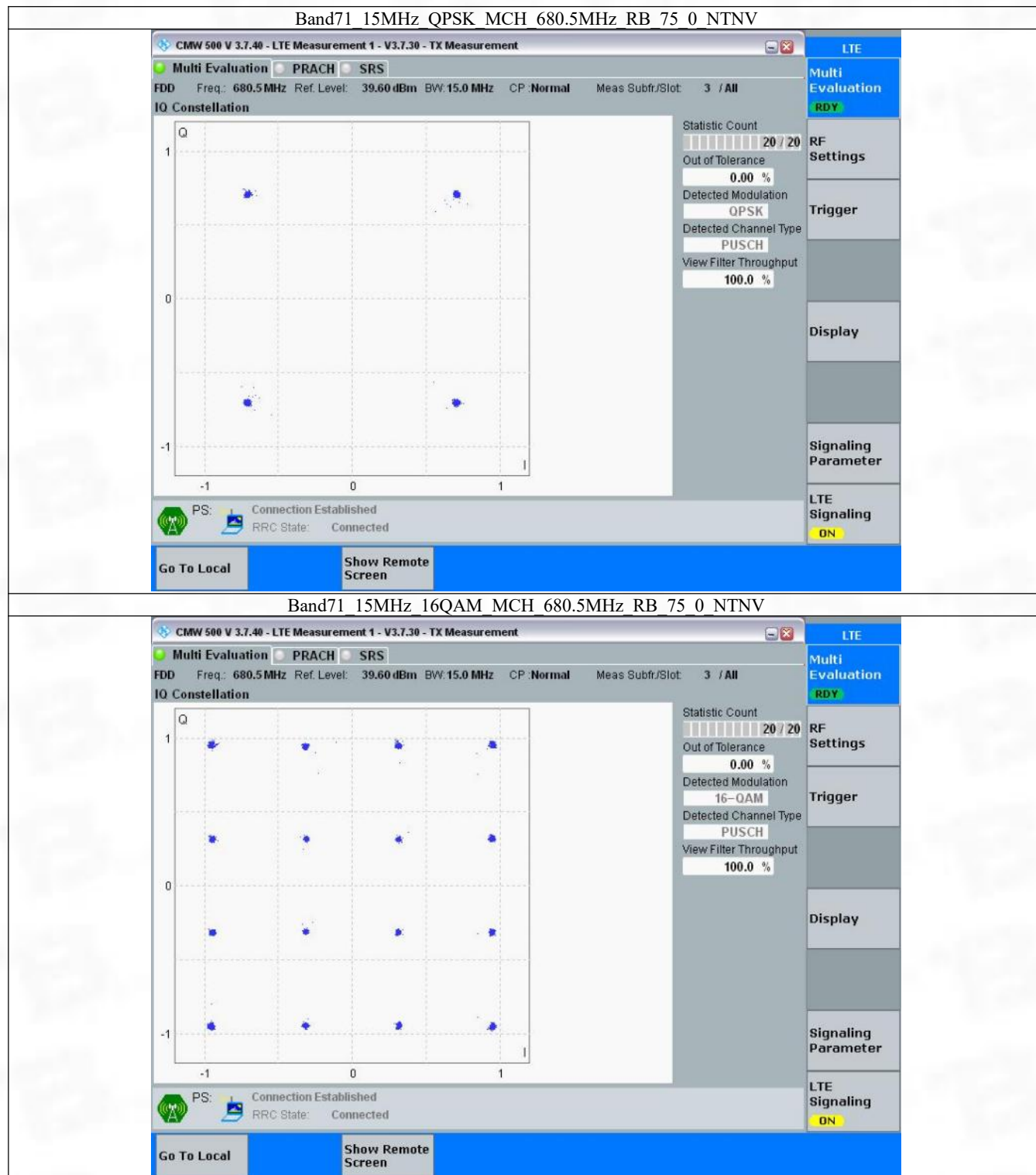
3.2.1 B71_5MHz



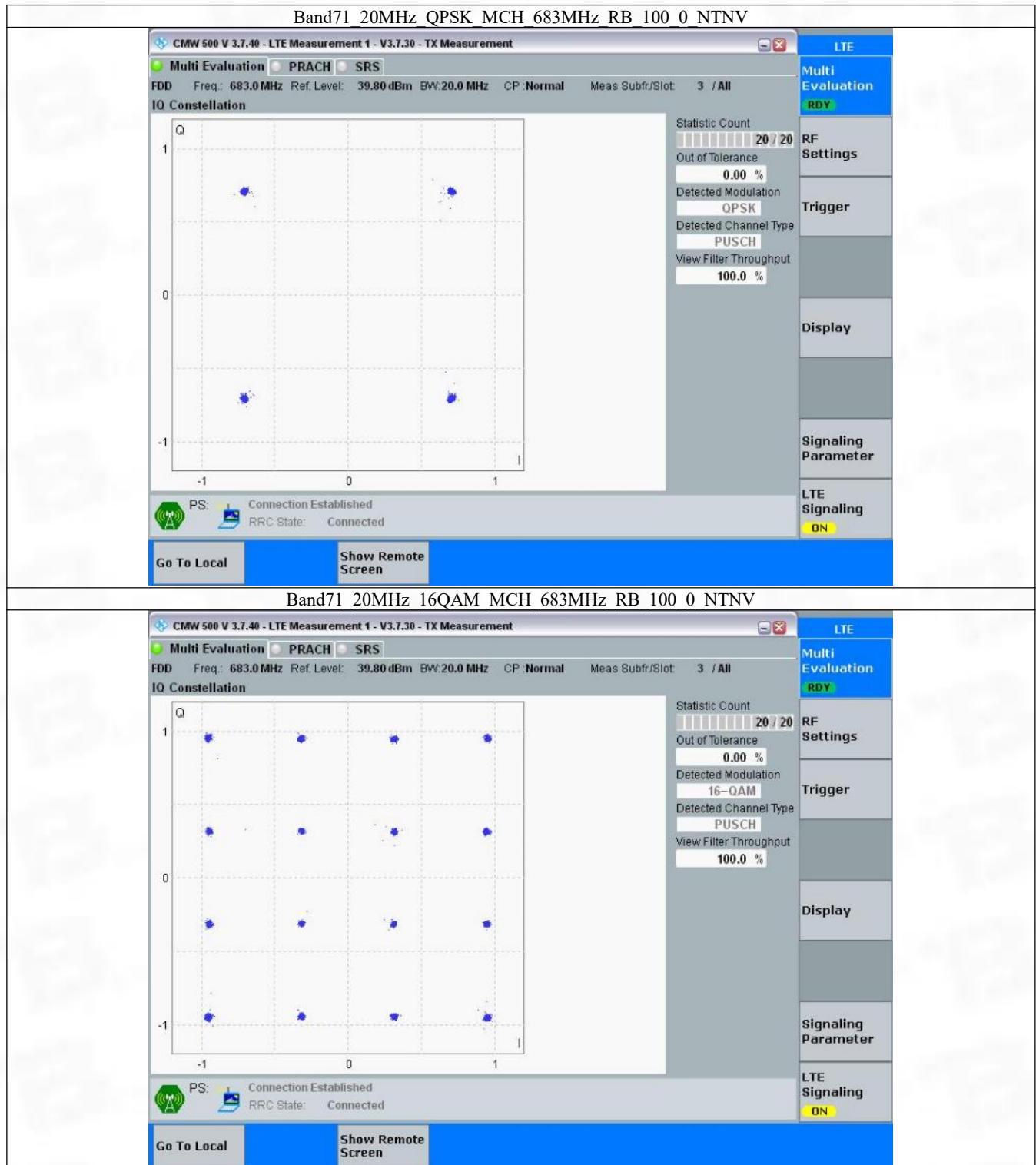
3.2.2 B71_10MHz



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	4.574	/	Pass
		695.5	25	0	4.581	/	Pass
	16QAM	665.5	25	0	4.578	/	Pass
		680.5	25	0	4.571	/	Pass
		695.5	25	0	4.592	/	Pass
10	QPSK	668	50	0	9.069	/	Pass
		680.5	50	0	9.094	/	Pass
		693	50	0	9.149	/	Pass
	16QAM	668	50	0	9.061	/	Pass
		680.5	50	0	9.087	/	Pass
		693	50	0	9.105	/	Pass
15	QPSK	670.5	75	0	13.557	/	Pass
		680.5	75	0	13.634	/	Pass
		690.5	75	0	13.649	/	Pass
	16QAM	670.5	75	0	13.634	/	Pass
		680.5	75	0	13.681	/	Pass
		690.5	75	0	13.631	/	Pass
20	QPSK	673	100	0	18.070	/	Pass
		683	100	0	18.131	/	Pass
		688	100	0	18.074	/	Pass
	16QAM	673	100	0	18.161	/	Pass
		683	100	0	18.193	/	Pass
		688	100	0	18.068	/	Pass

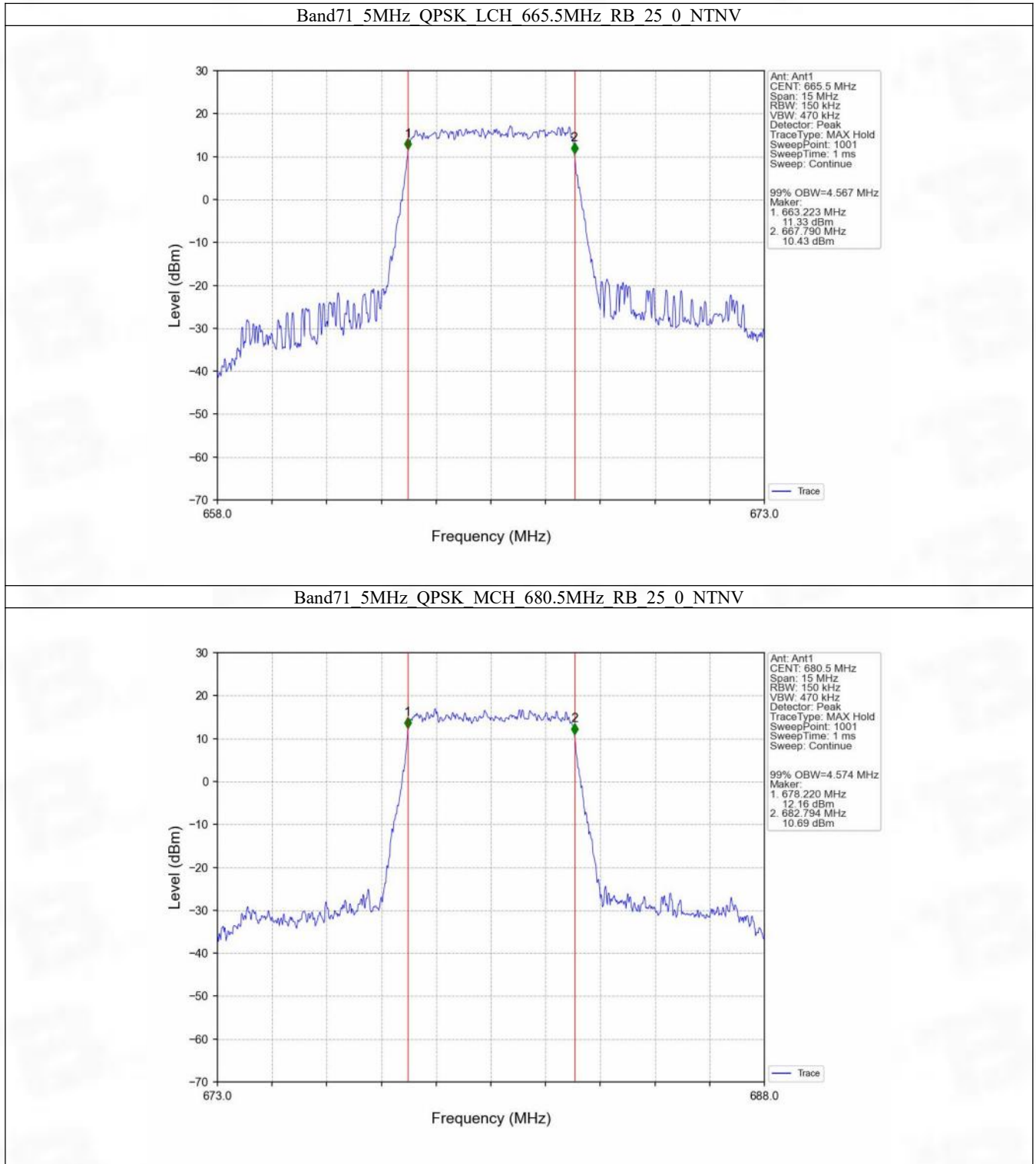
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.249	/	Pass
		680.5	25	0	5.282	/	Pass
		695.5	25	0	5.337	/	Pass
	16QAM	665.5	25	0	5.282	/	Pass
		680.5	25	0	5.287	/	Pass
		695.5	25	0	5.308	/	Pass
10	QPSK	668	50	0	10.158	/	Pass
		680.5	50	0	10.303	/	Pass
		693	50	0	11.397	/	Pass
	16QAM	668	50	0	11.228	/	Pass
		680.5	50	0	10.195	/	Pass
		693	50	0	11.995	/	Pass
15	QPSK	670.5	75	0	15.364	/	Pass
		680.5	75	0	15.225	/	Pass
		690.5	75	0	21.531	/	Pass
	16QAM	670.5	75	0	19.906	/	Pass
		680.5	75	0	15.385	/	Pass

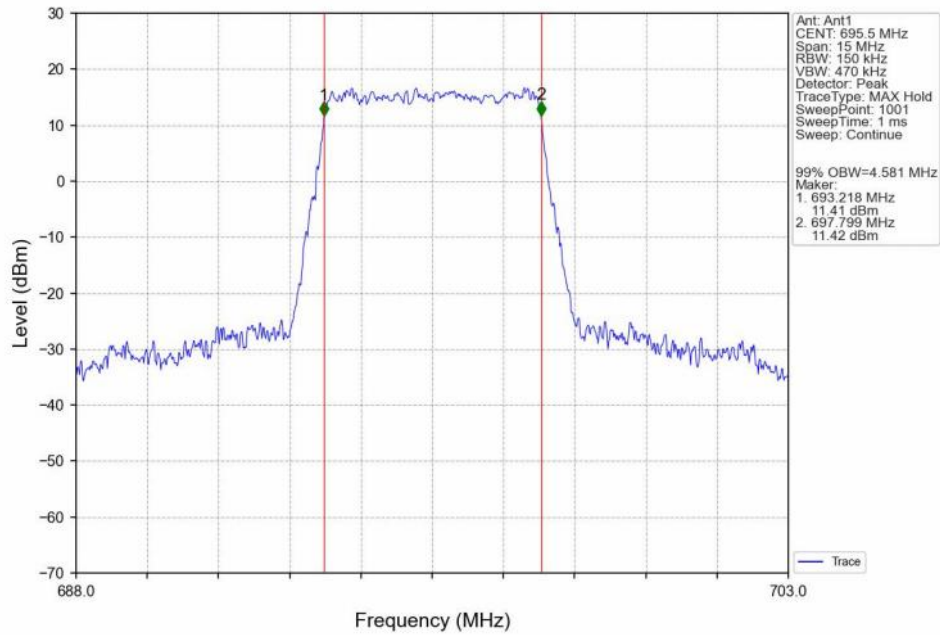
		690.5	75	0	15.345	/	Pass
20	QPSK	673	100	0	19.932	/	Pass
		683	100	0	20.015	/	Pass
		688	100	0	20.026	/	Pass
		673	100	0	20.079	/	Pass
	16QAM	683	100	0	20.261	/	Pass
		688	100	0	19.950	/	Pass

4.2 Test Graph

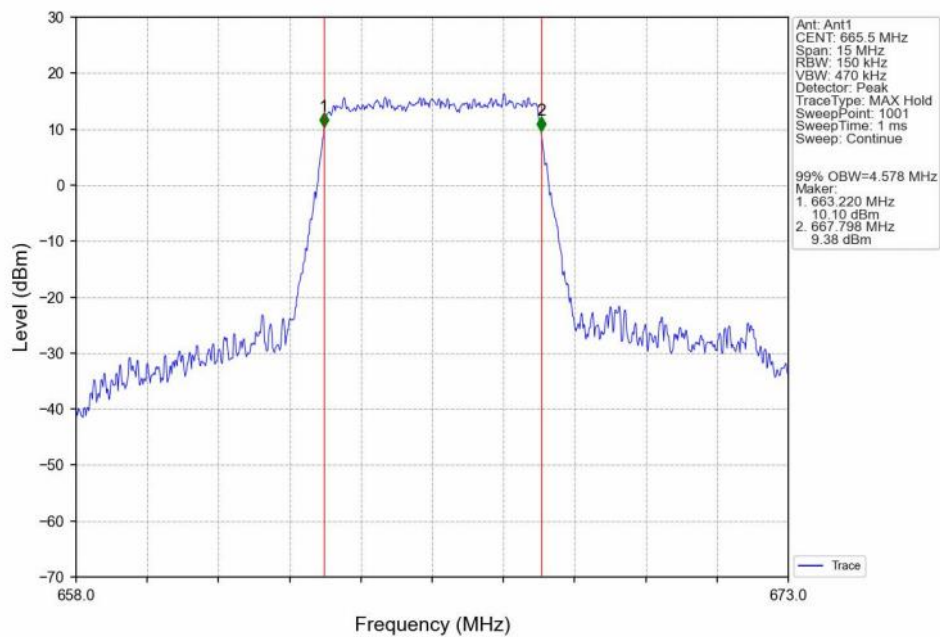
4.2.1 Band71_OBW



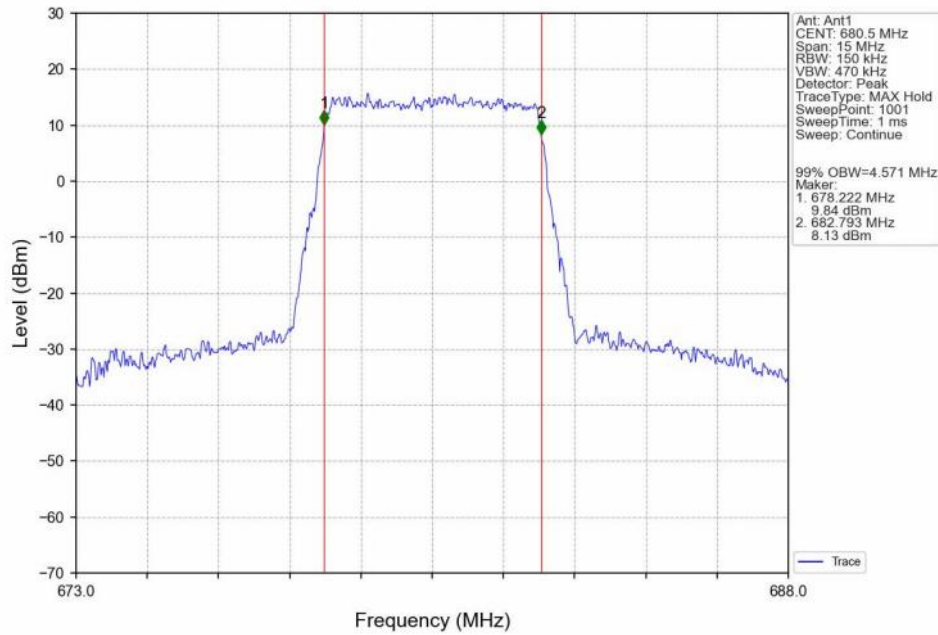
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



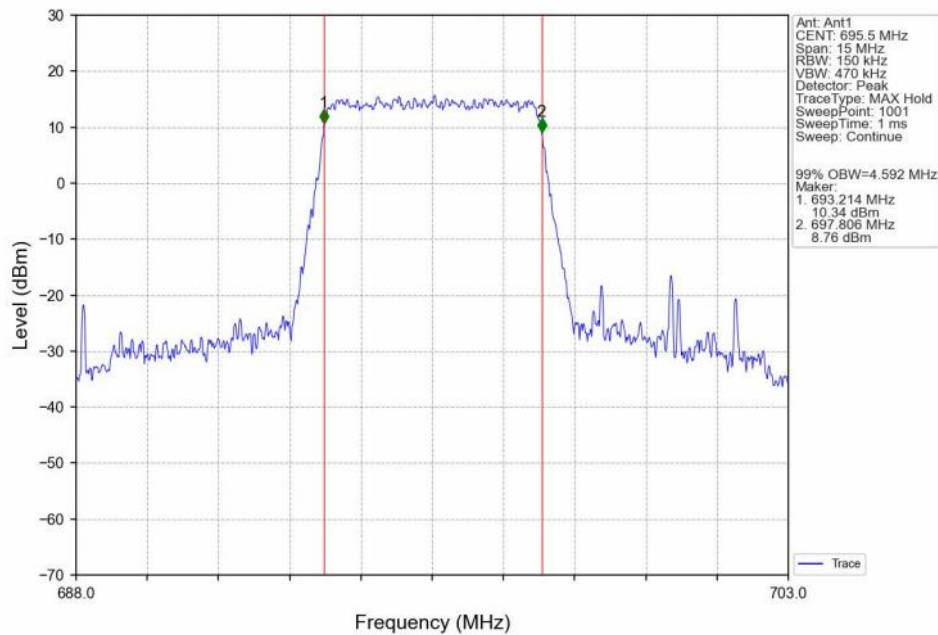
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



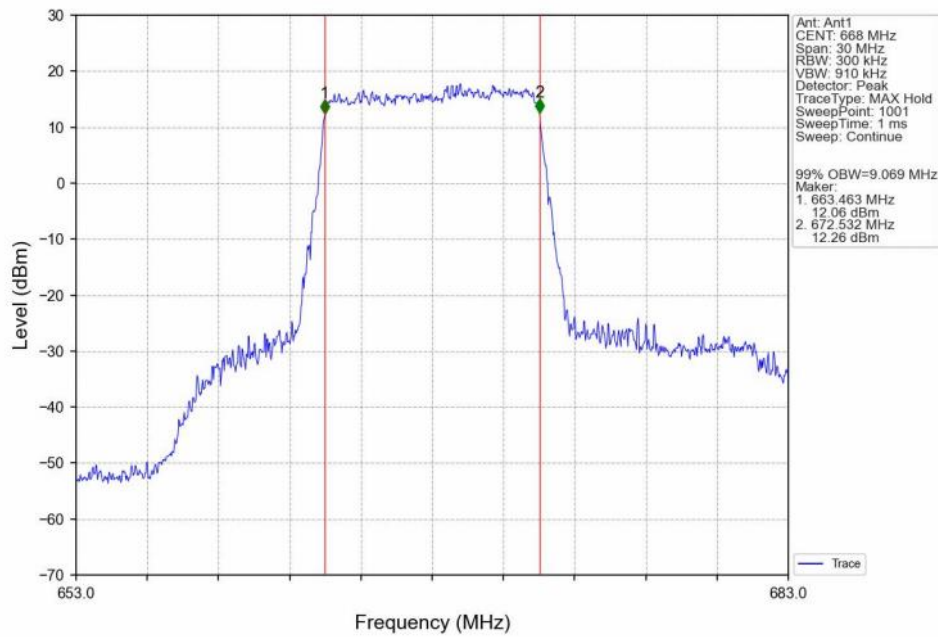
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



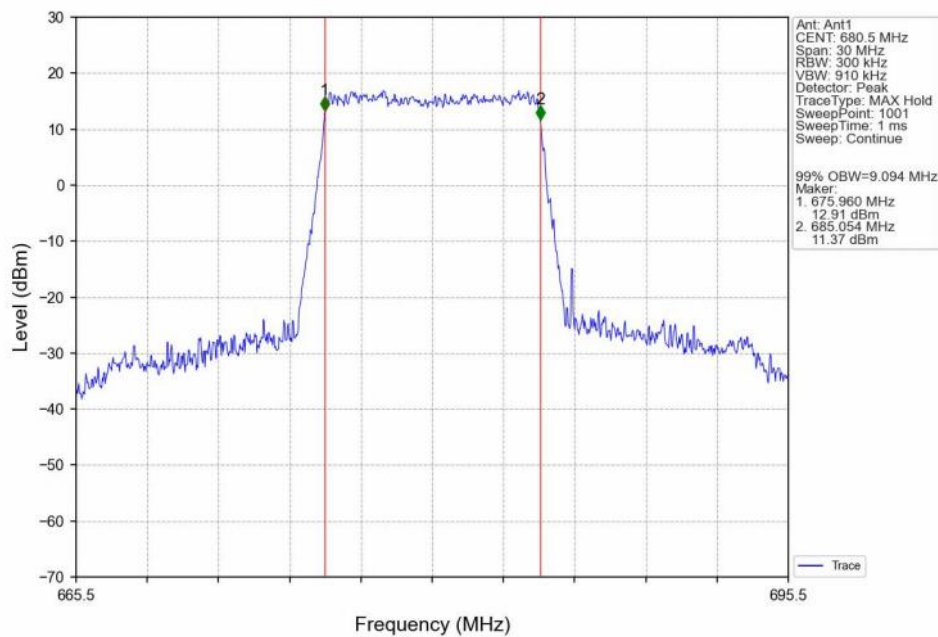
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



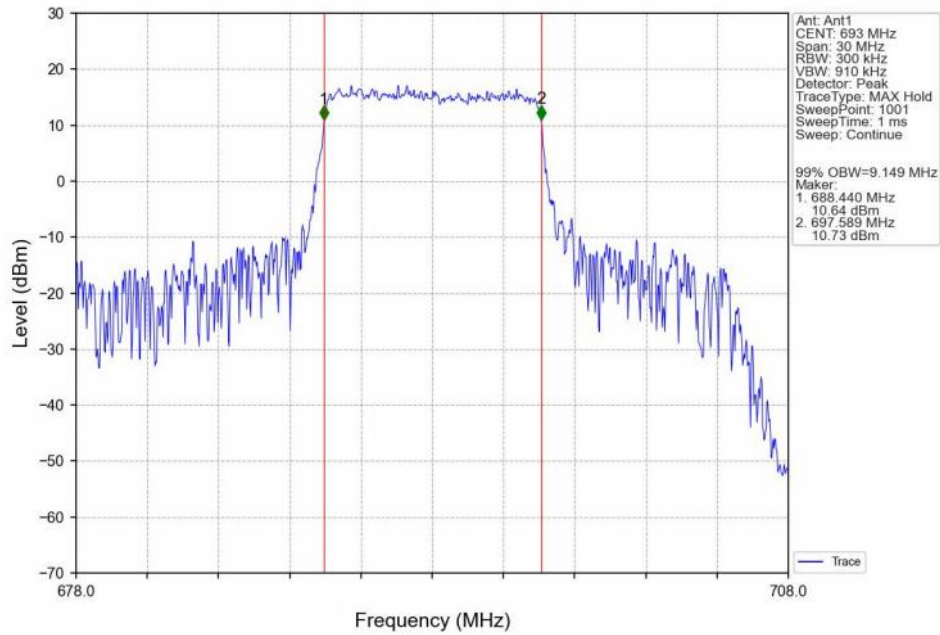
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



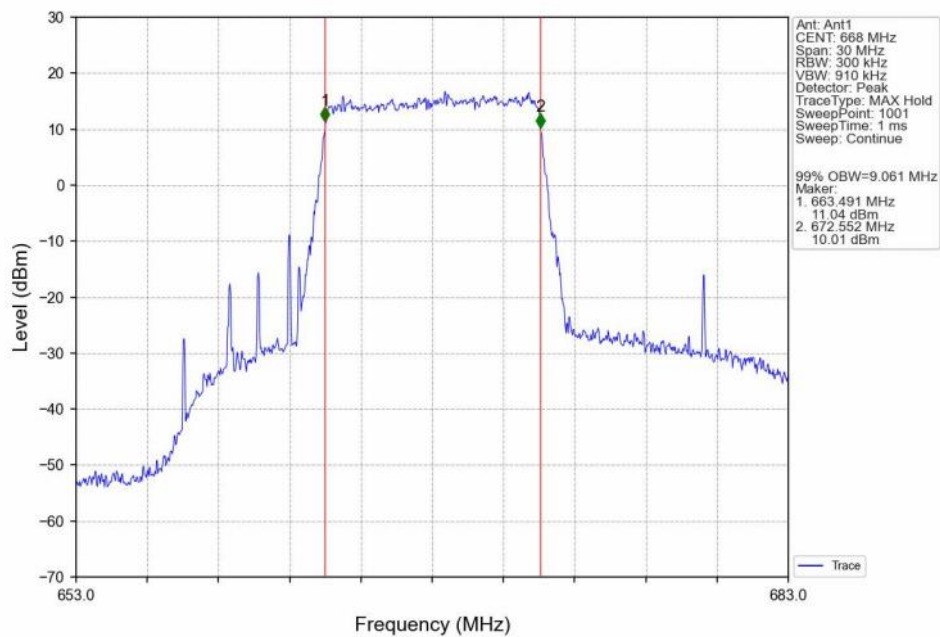
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



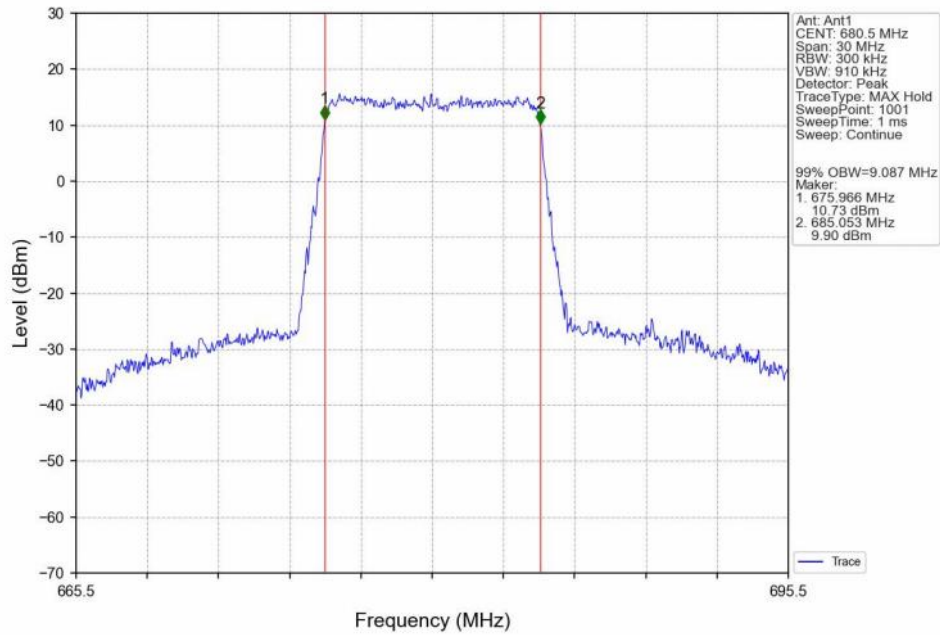
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



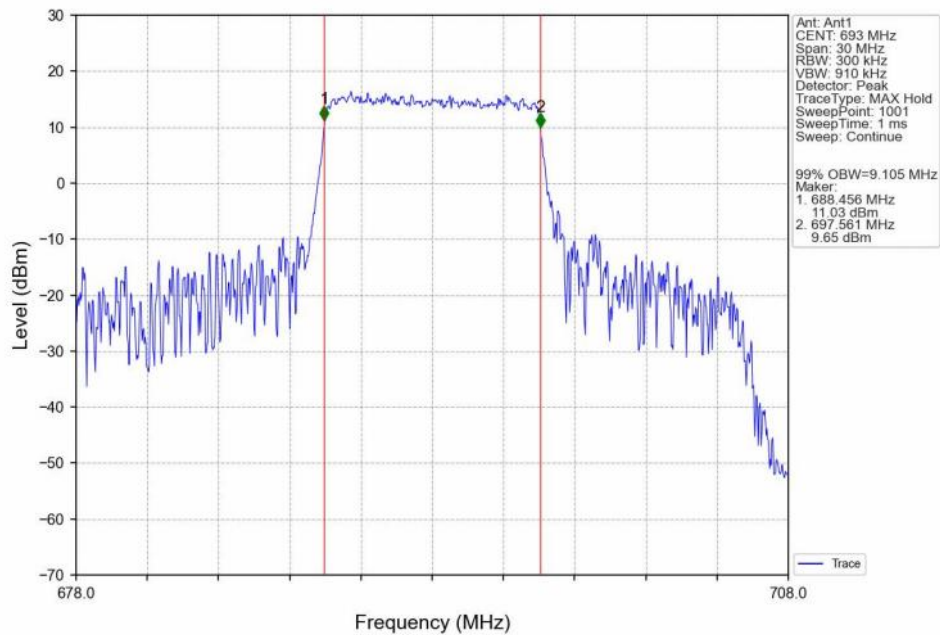
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



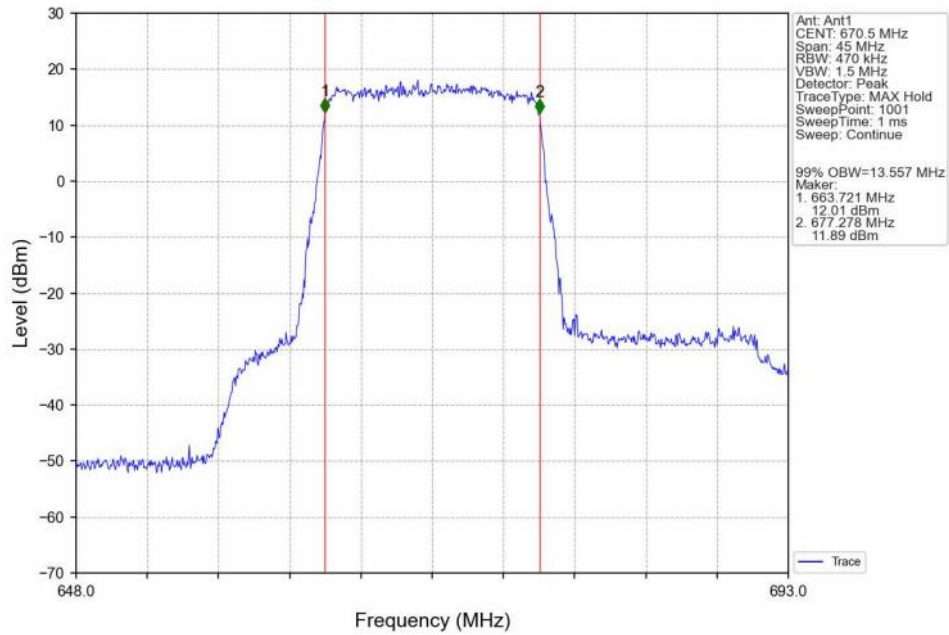
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



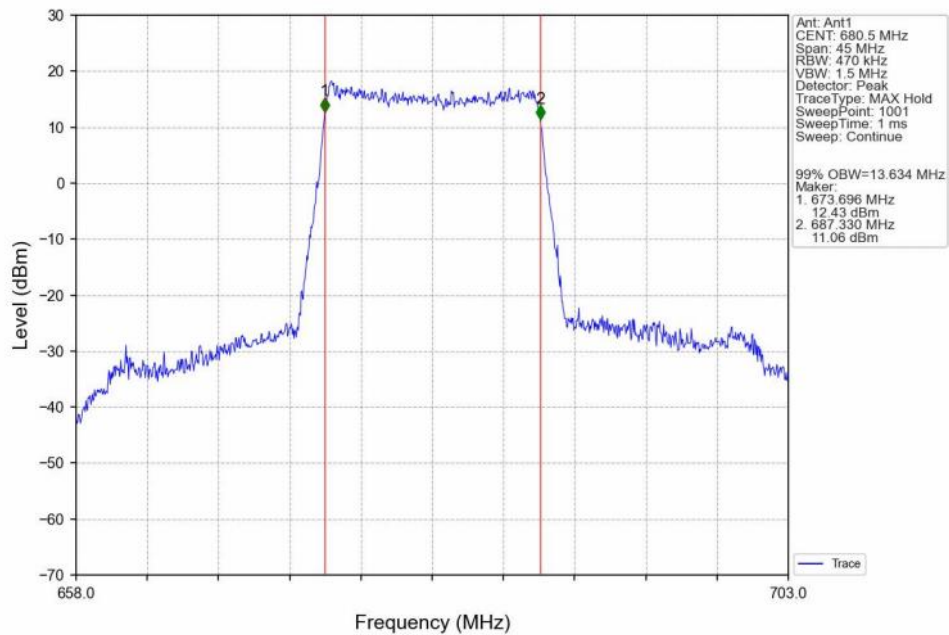
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



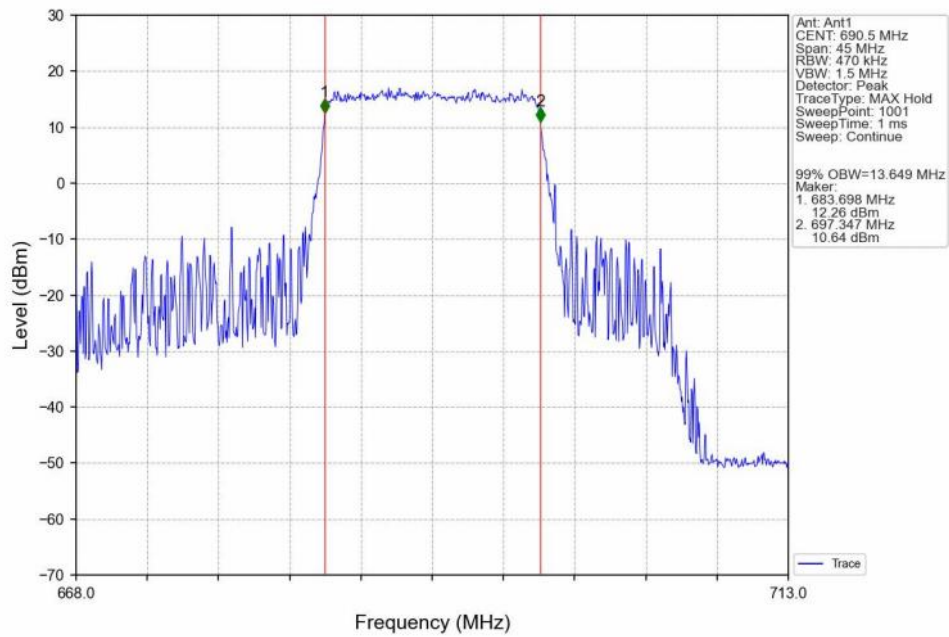
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



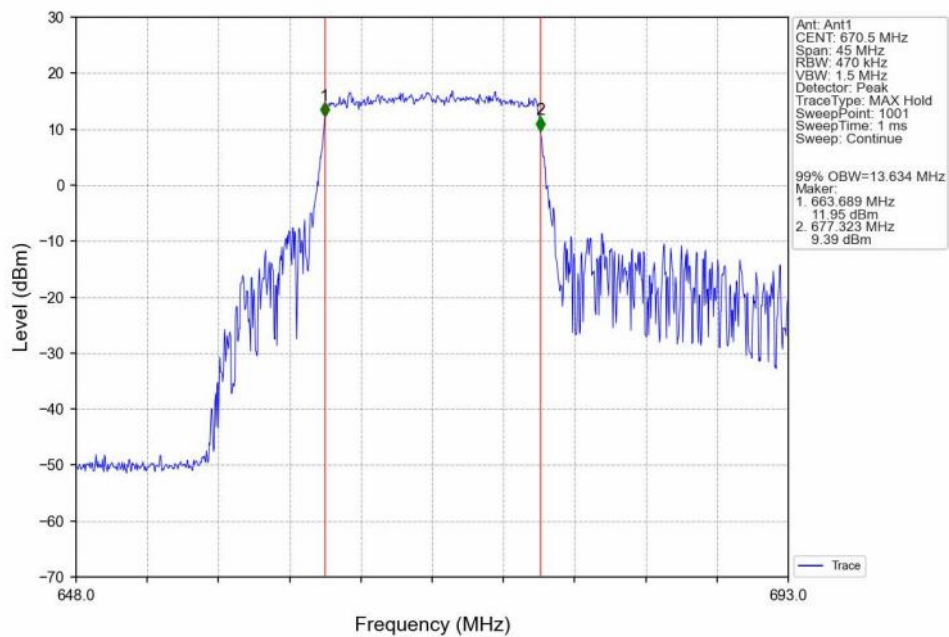
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



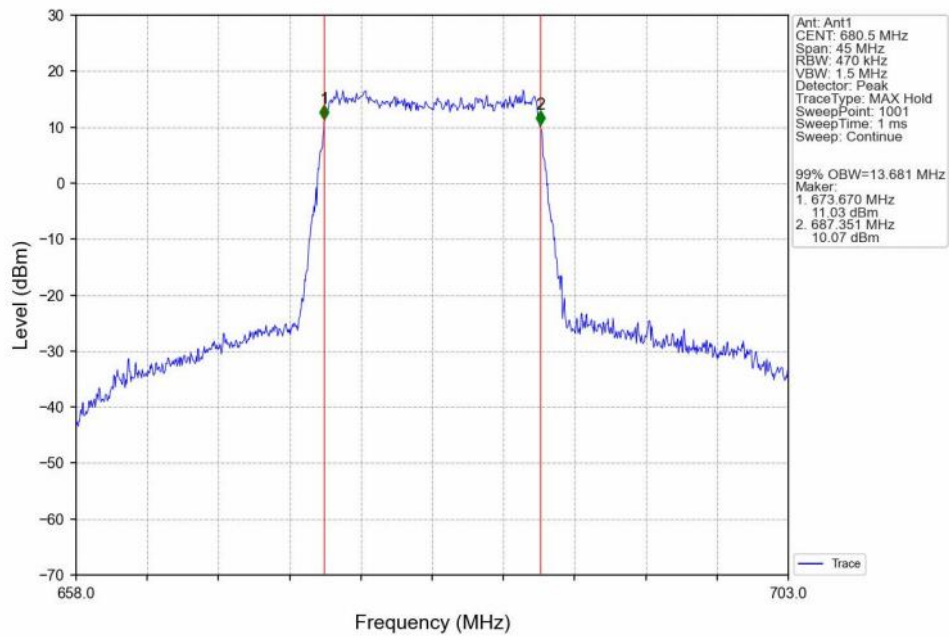
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



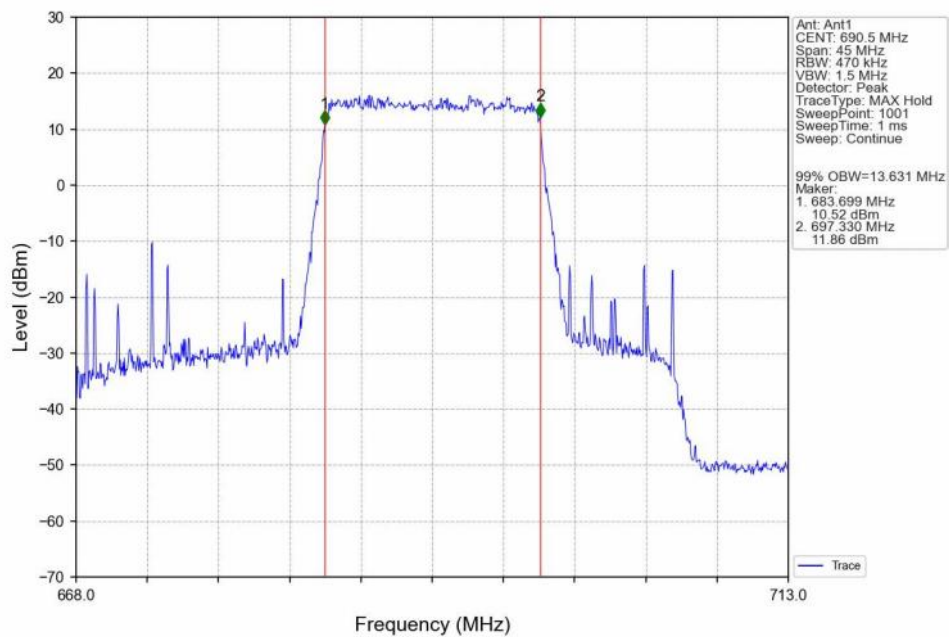
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



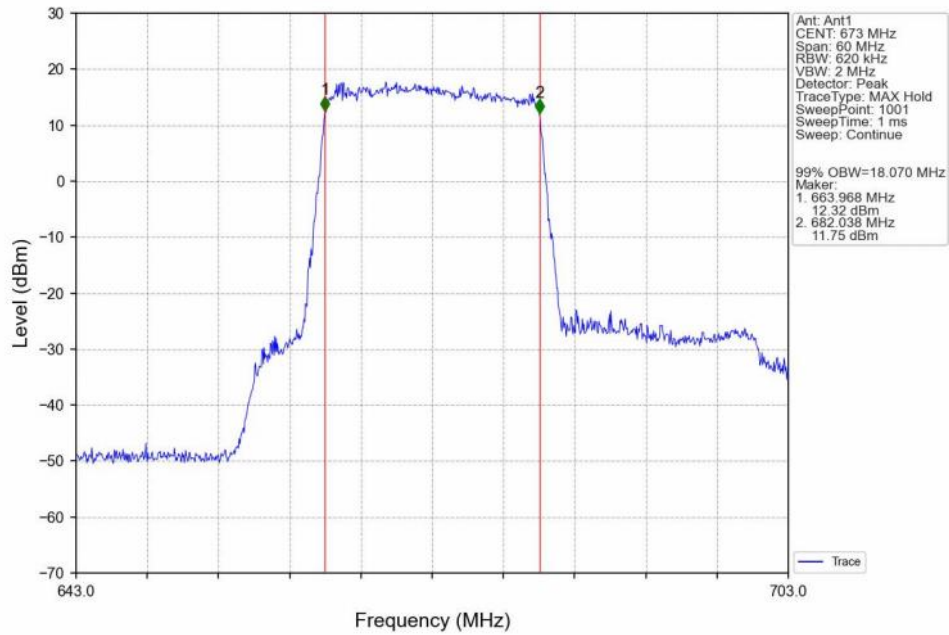
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



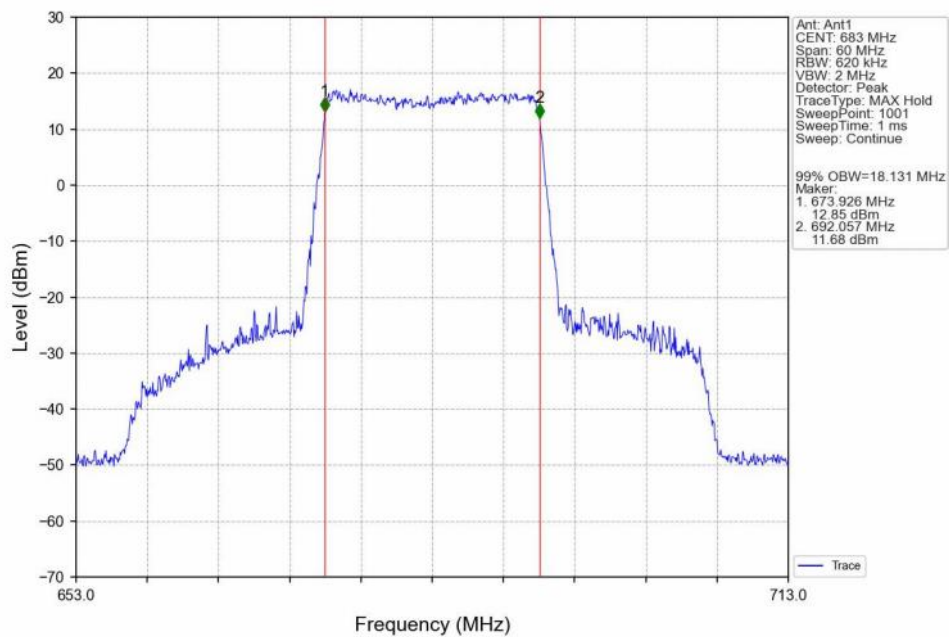
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



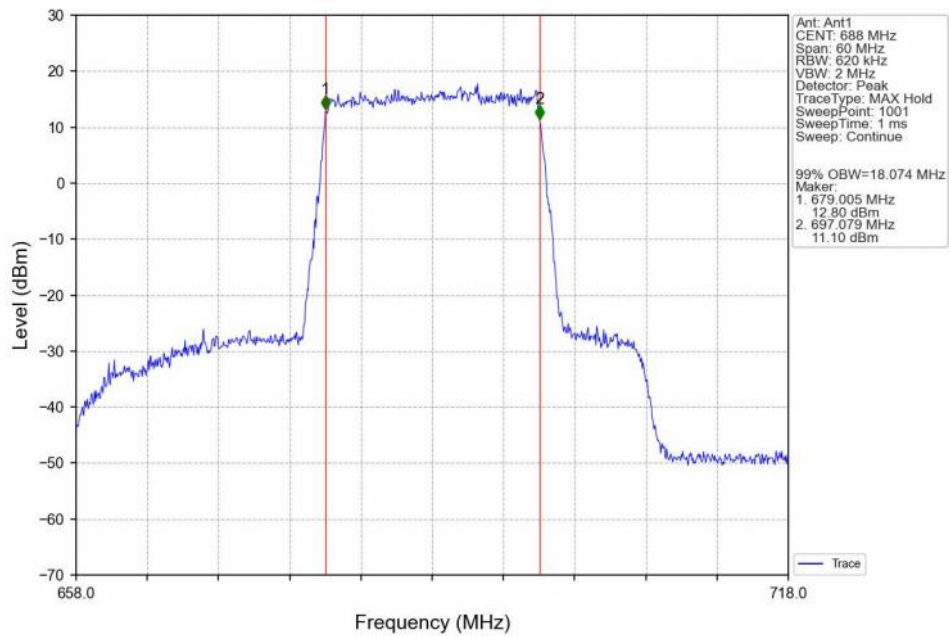
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



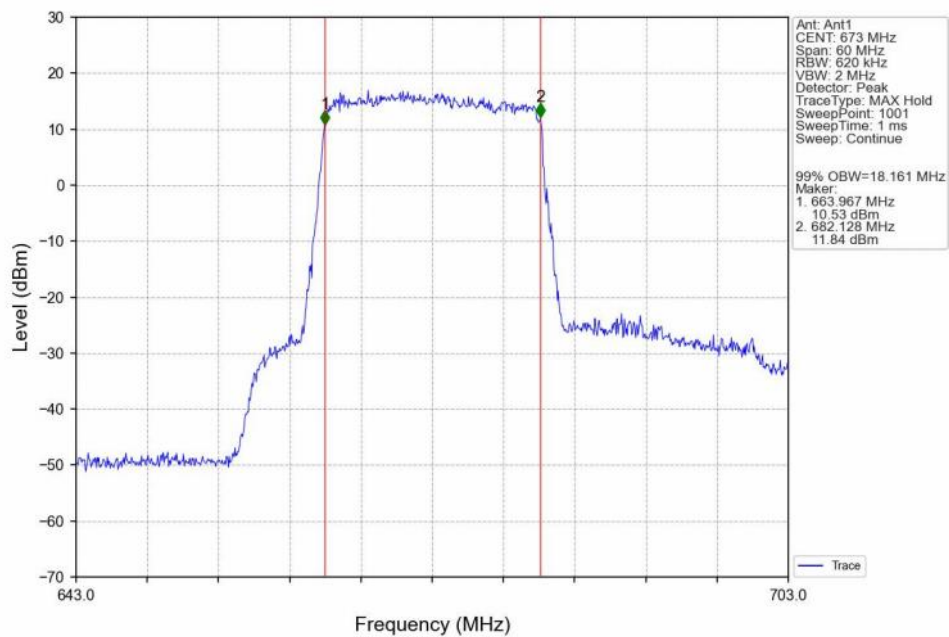
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



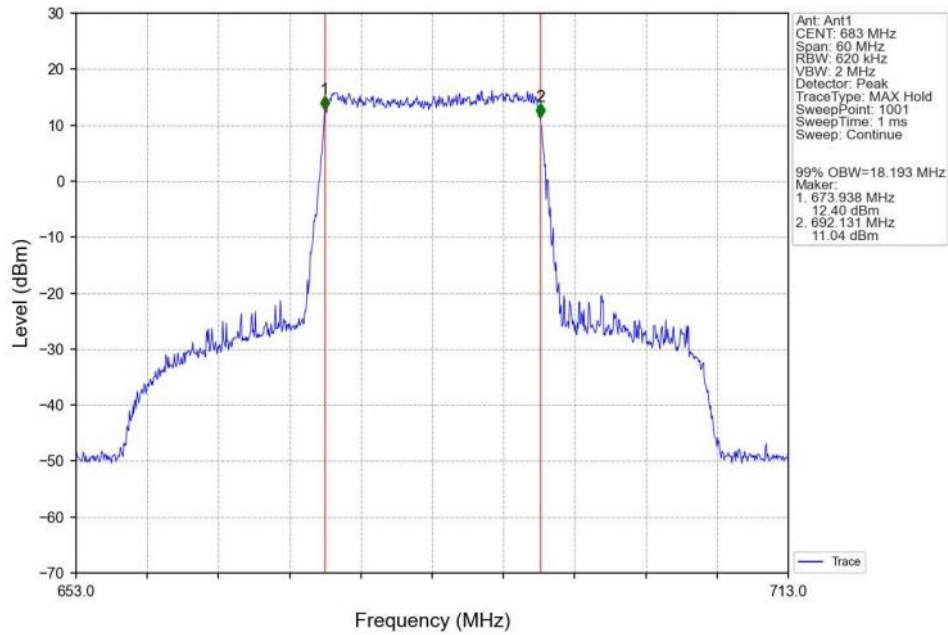
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



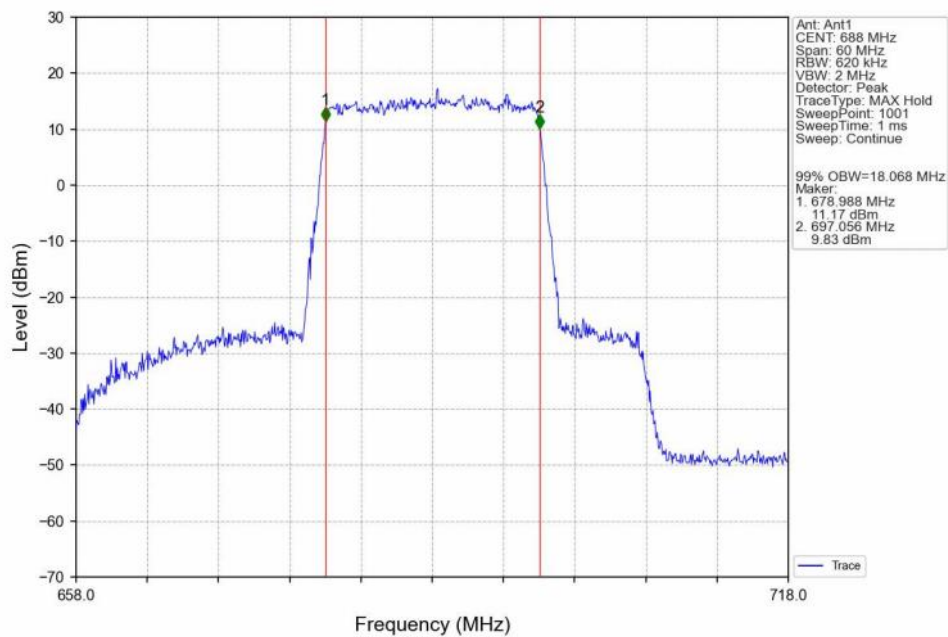
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



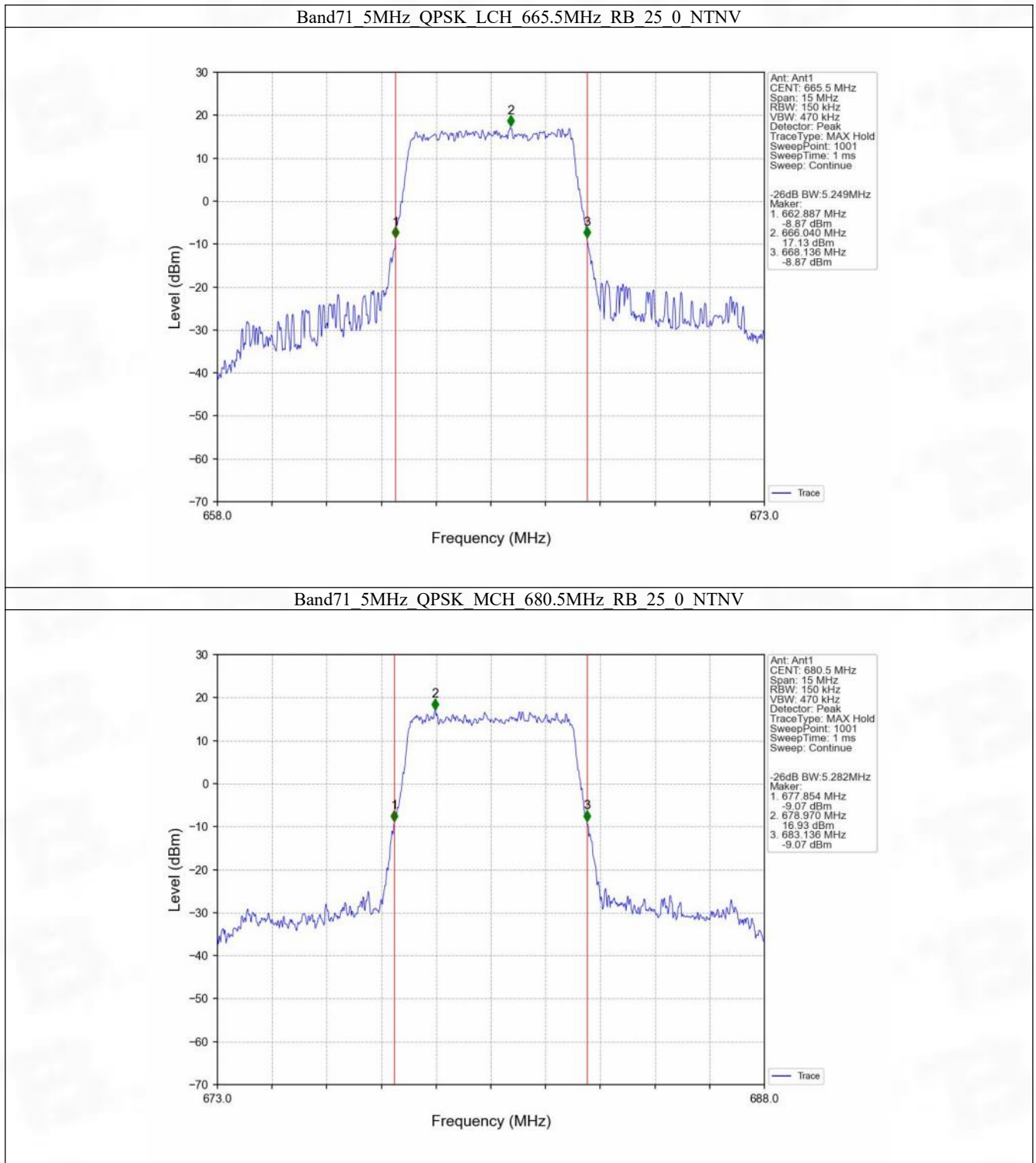
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



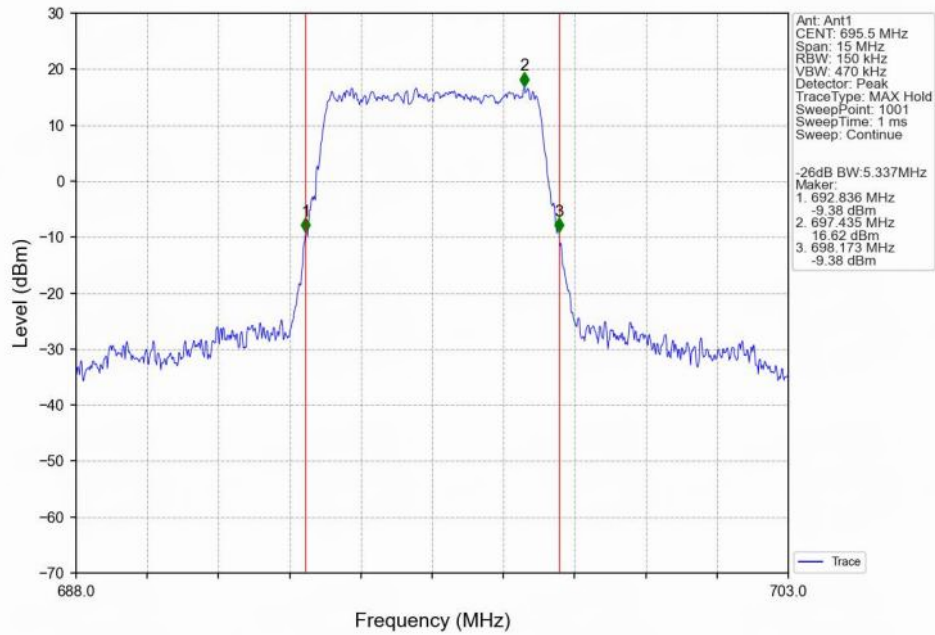
Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



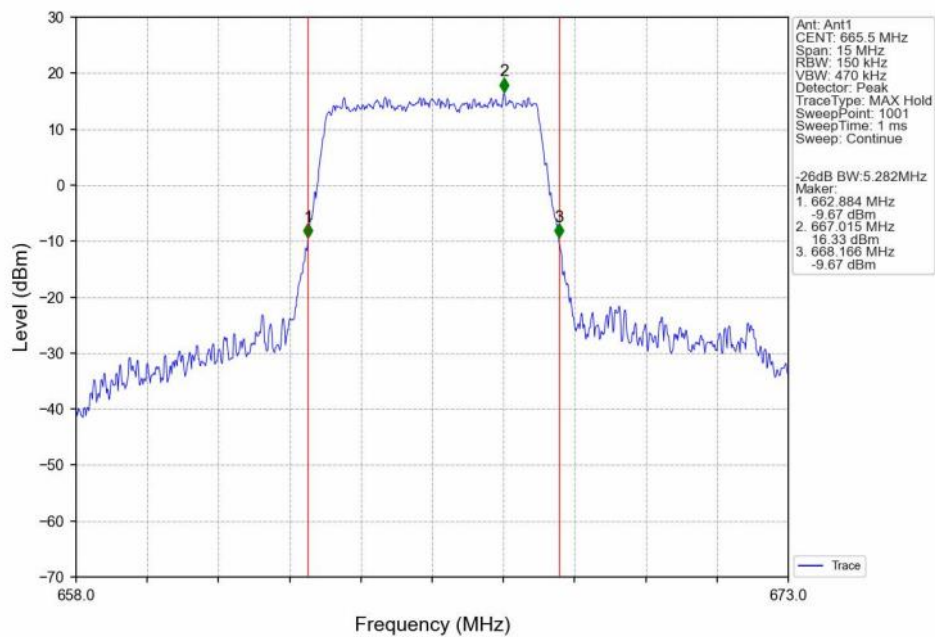
4.2.2 Band71_XDB



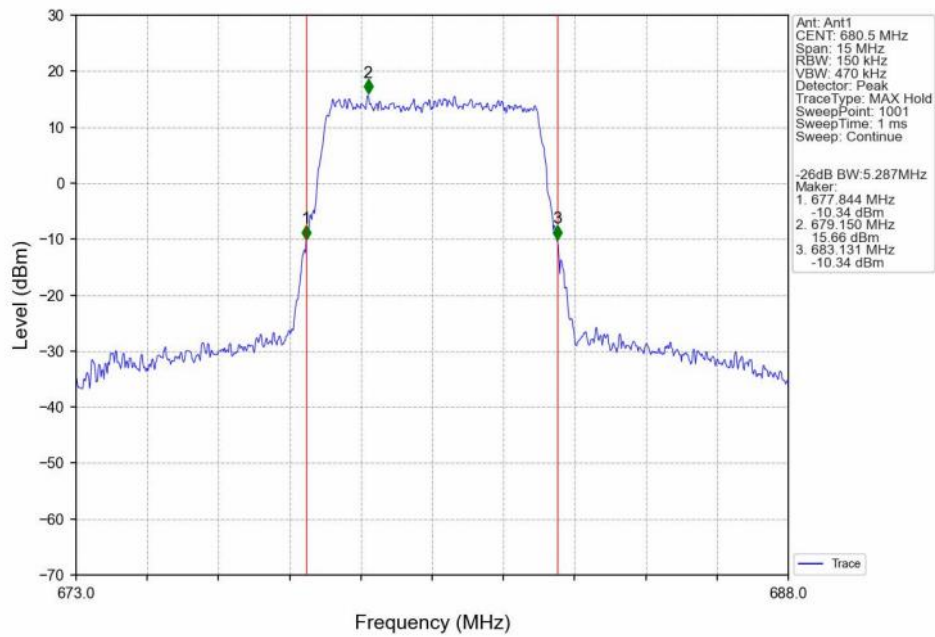
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



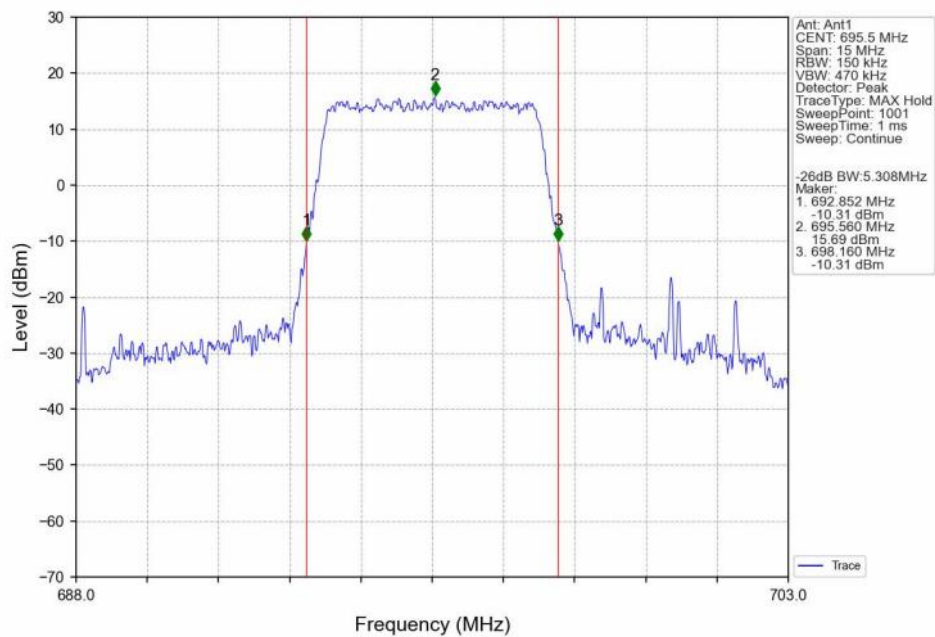
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



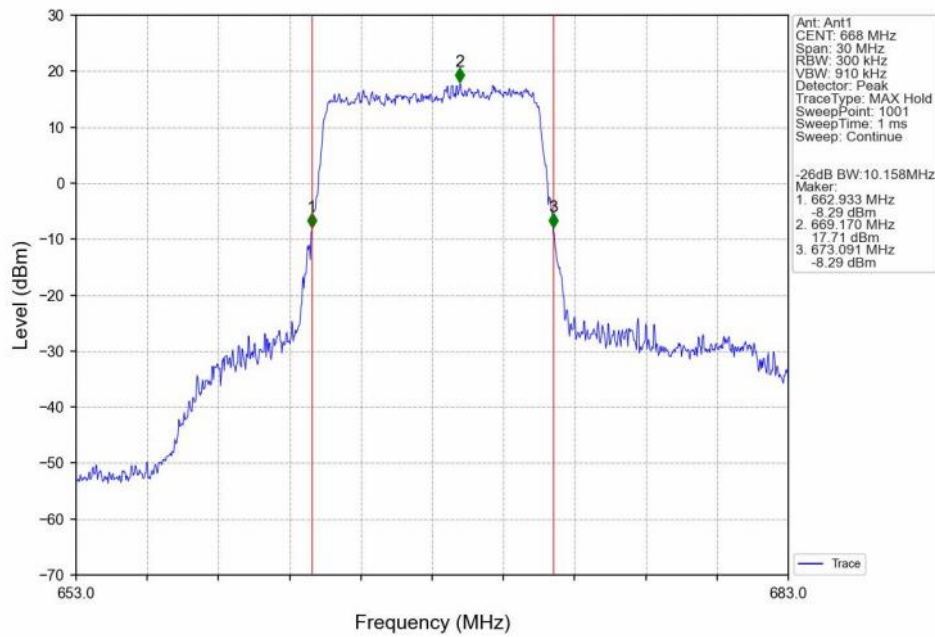
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



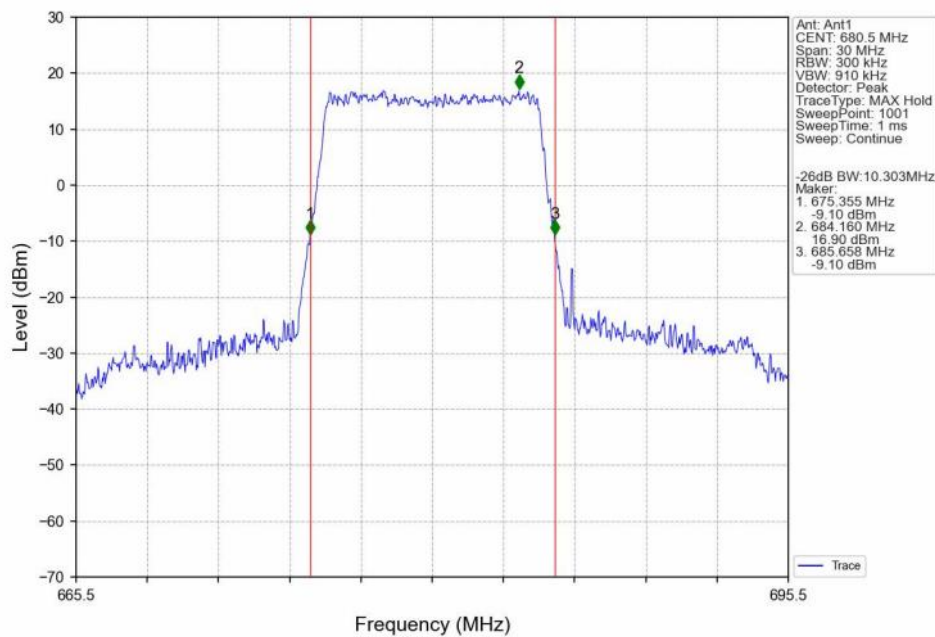
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



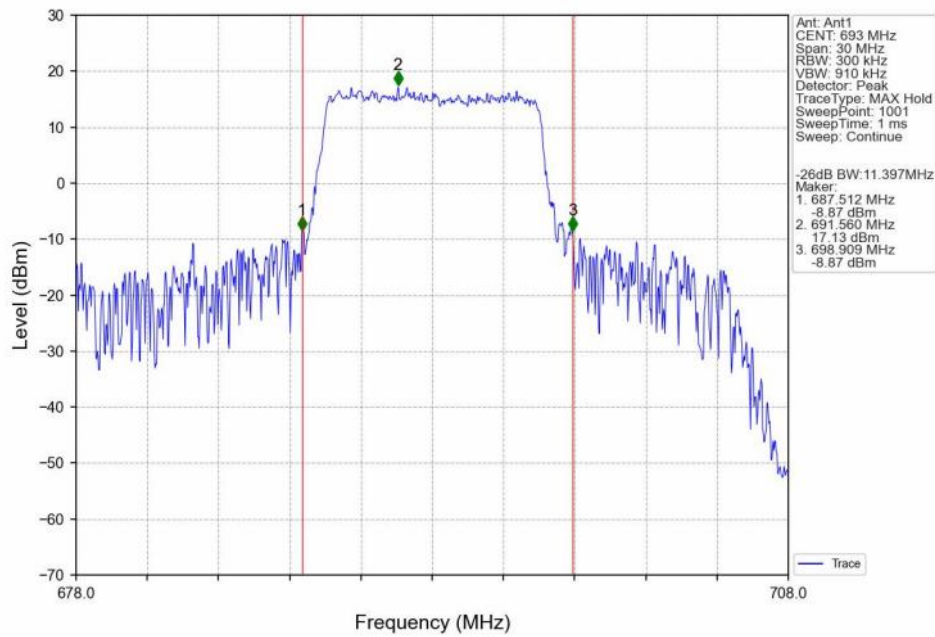
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



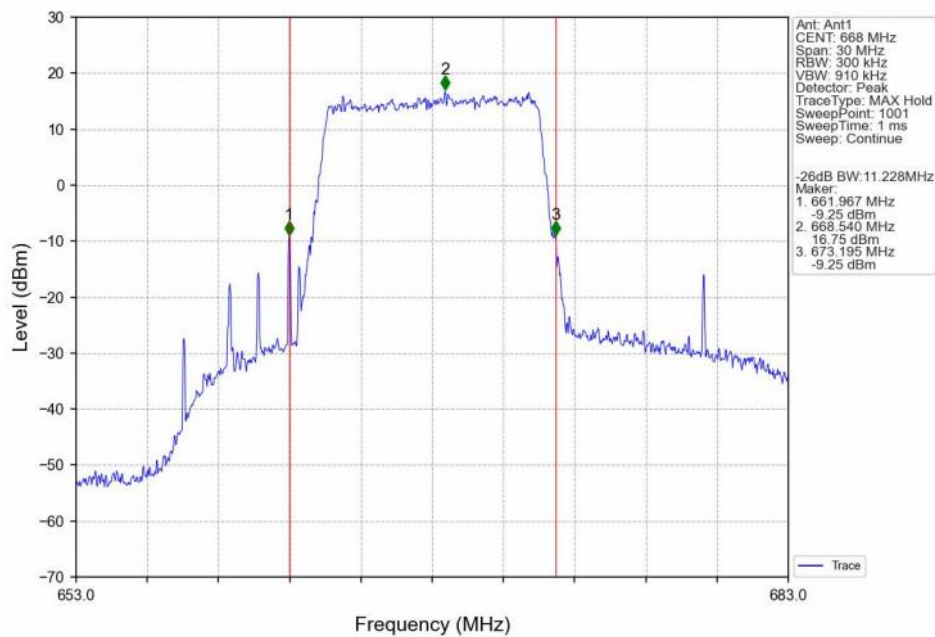
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



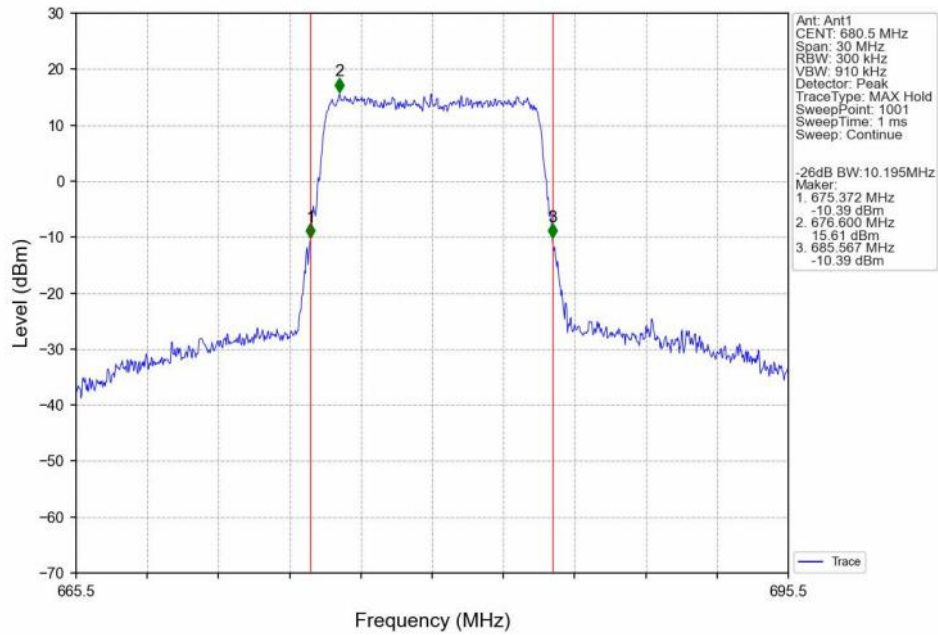
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



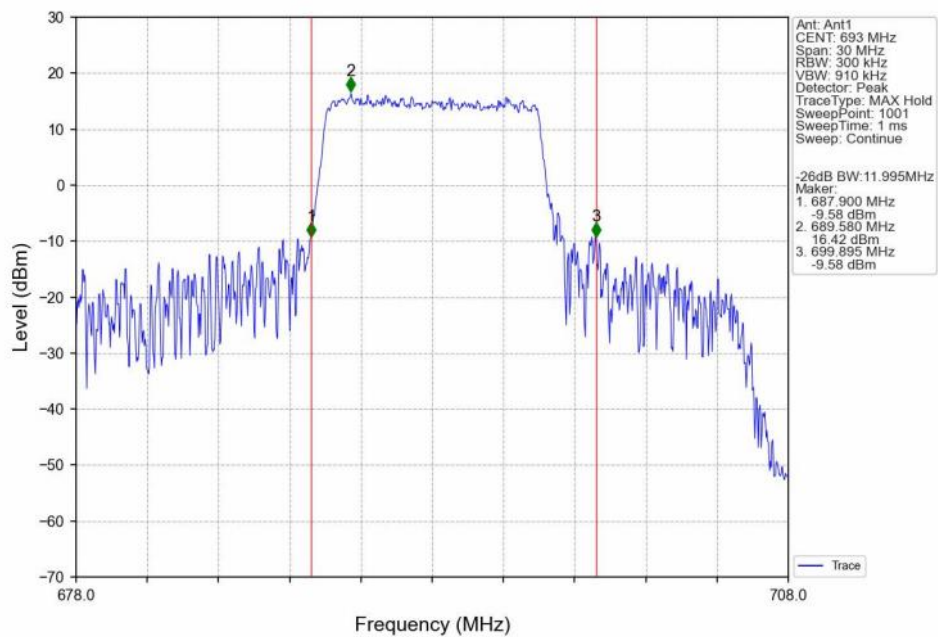
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



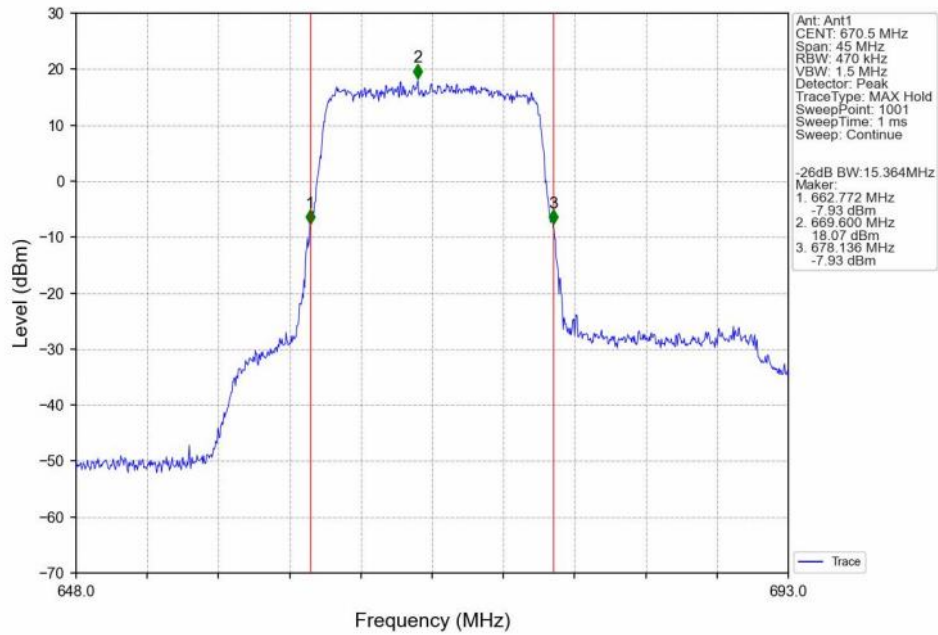
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



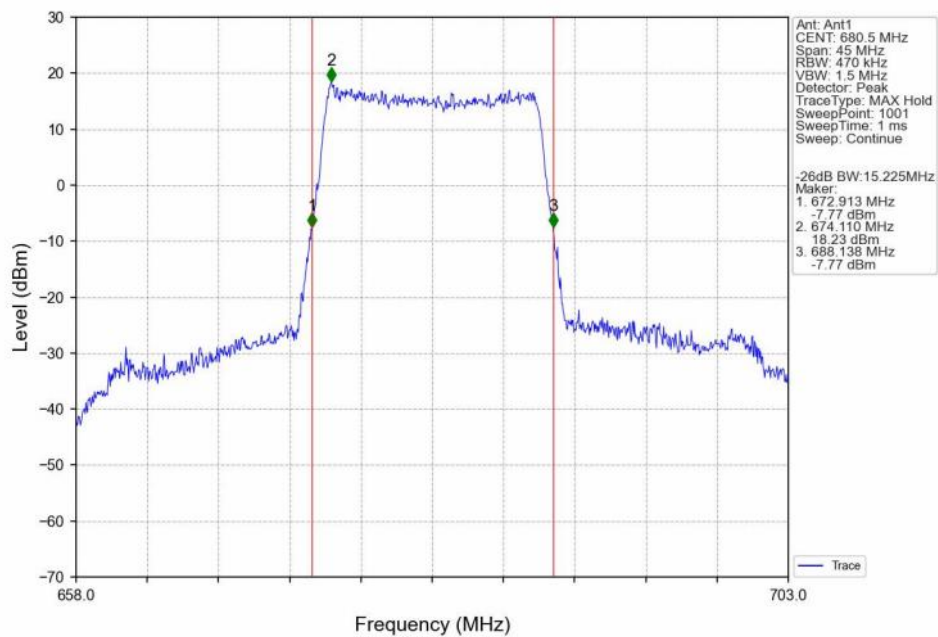
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



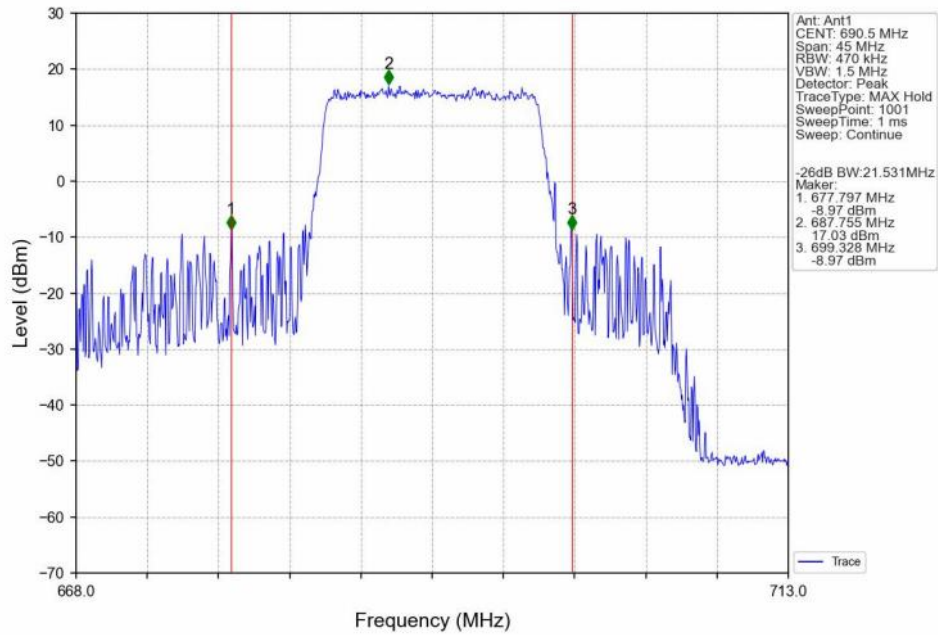
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



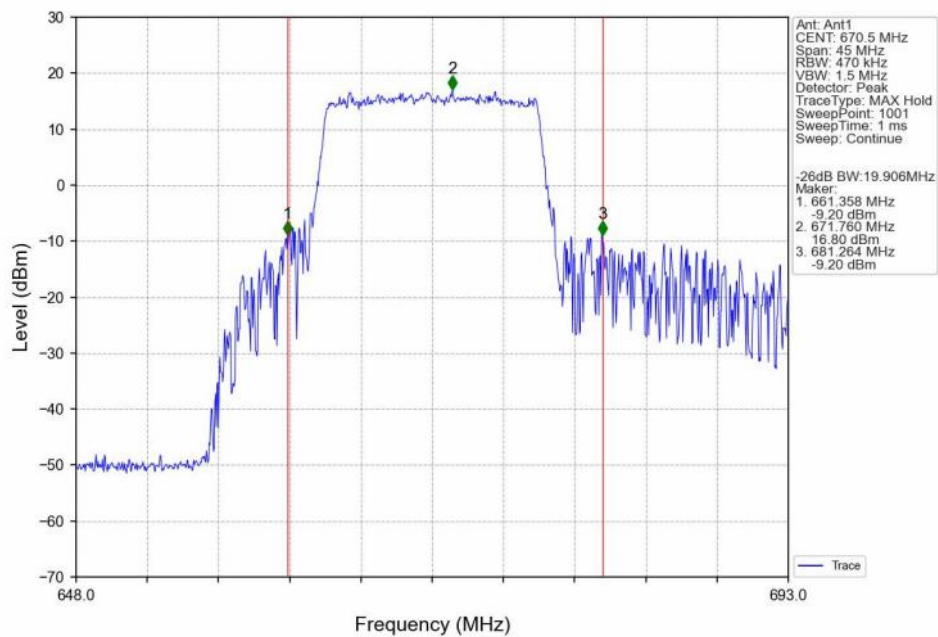
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



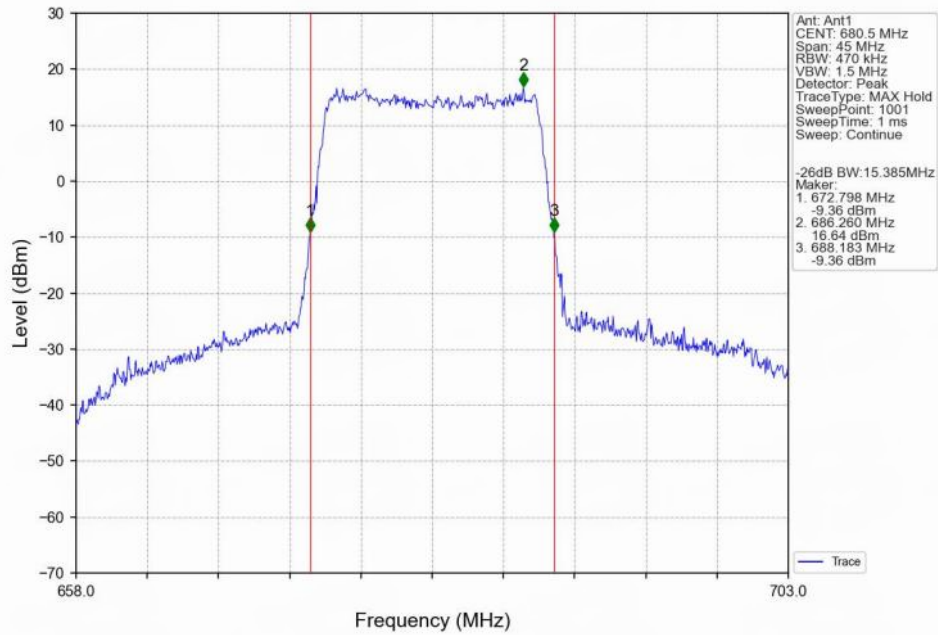
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTN



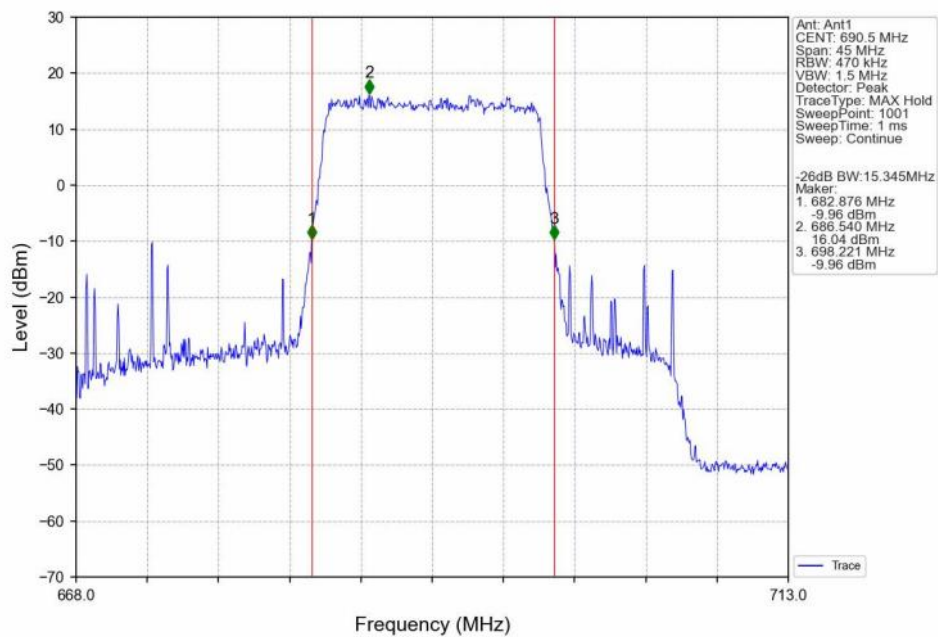
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTN



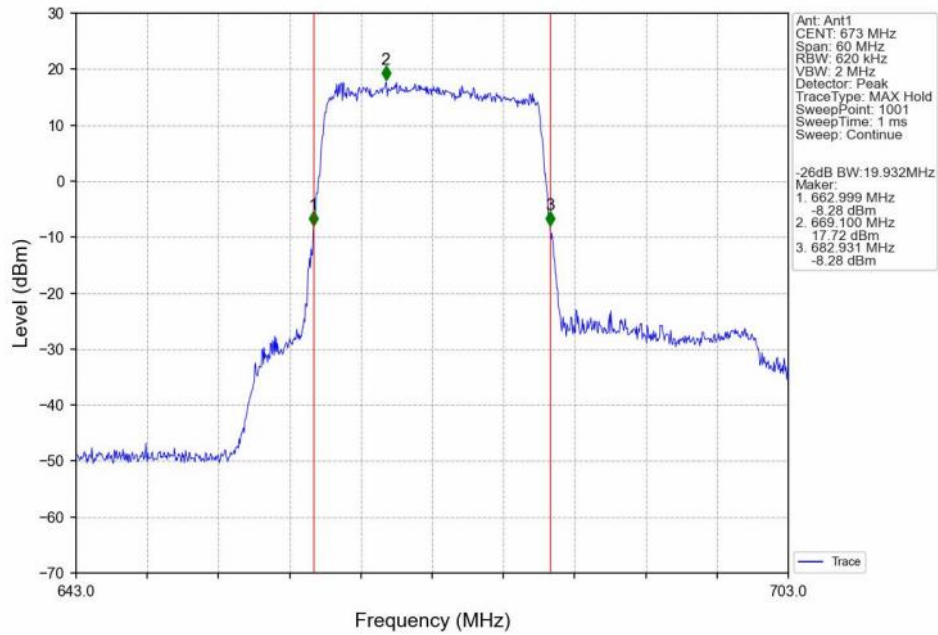
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



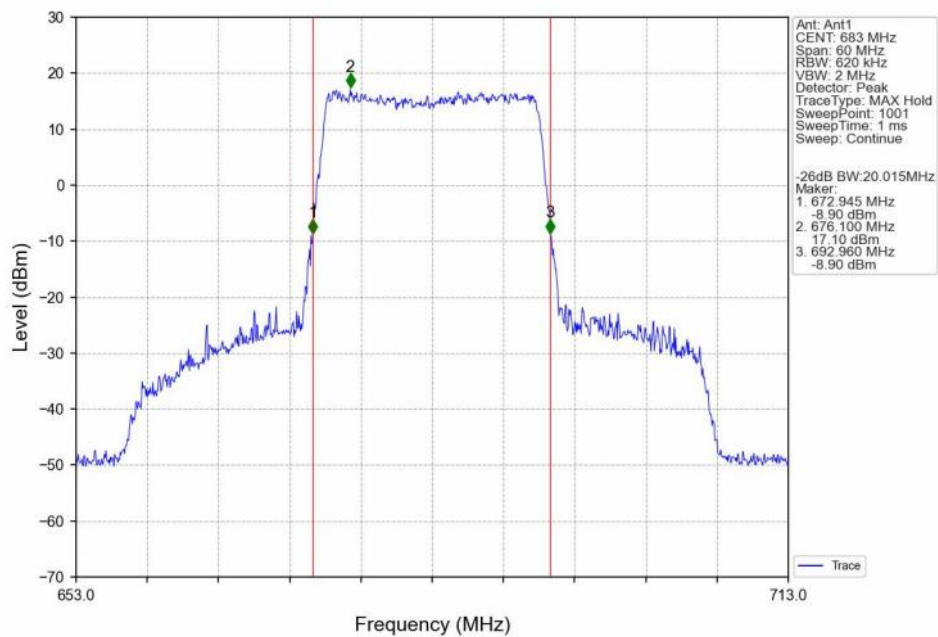
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



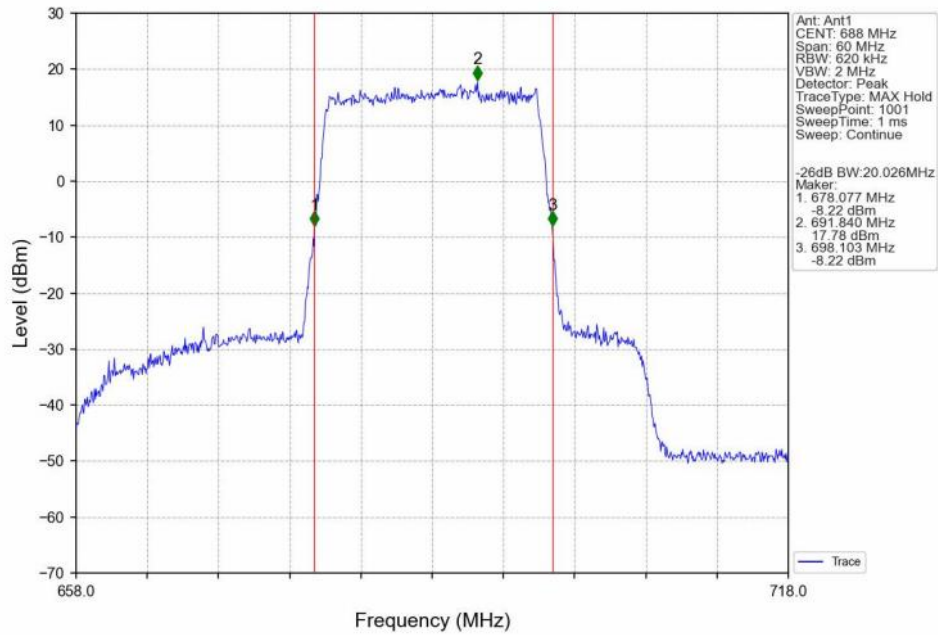
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



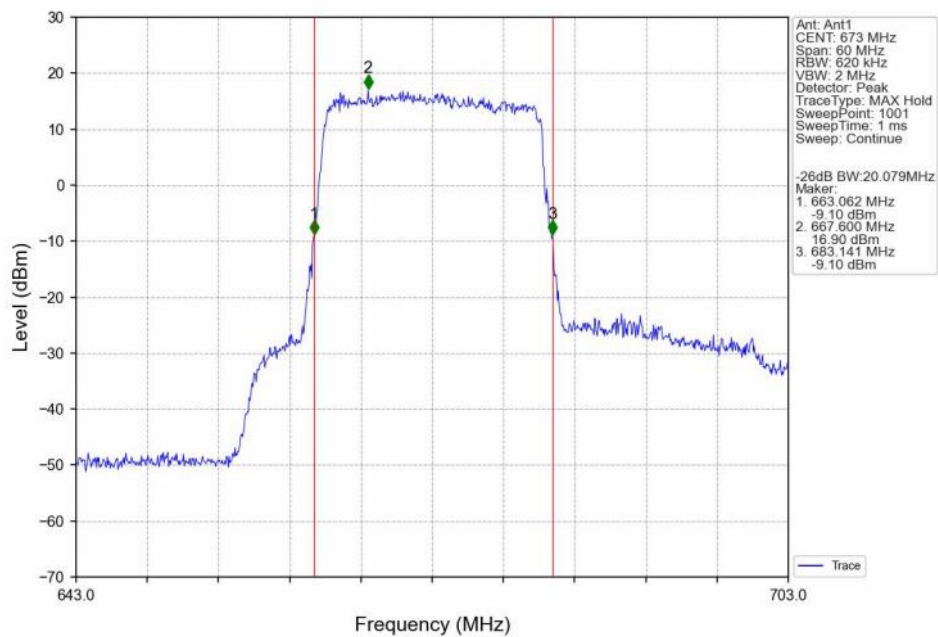
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



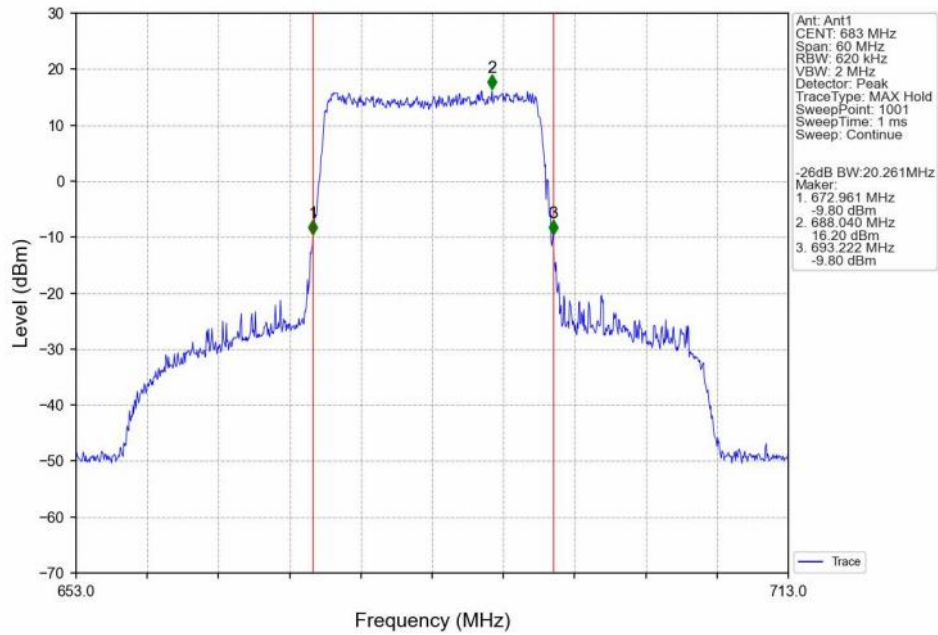
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



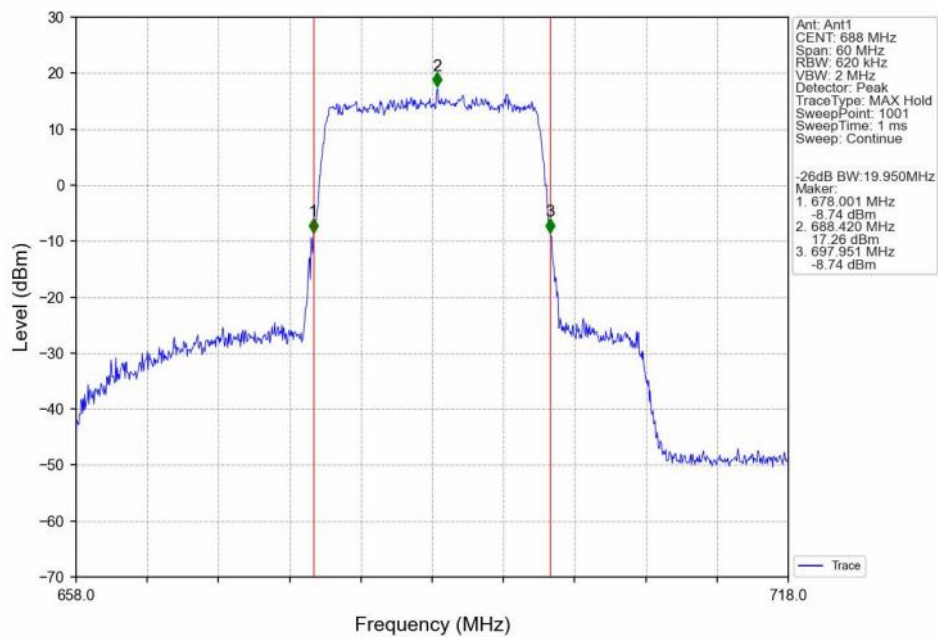
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



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	5.72	<=13	Pass
	680.5	25	0	5.75	<=13	Pass
	695.5	25	0	5.74	<=13	Pass
16QAM	665.5	25	0	6.43	<=13	Pass
	680.5	25	0	6.43	<=13	Pass
	695.5	25	0	6.39	<=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	5.68	<=13	Pass
	680.5	50	0	5.75	<=13	Pass
	693	50	0	5.66	<=13	Pass
16QAM	668	50	0	6.44	<=13	Pass
	680.5	50	0	6.48	<=13	Pass
	693	50	0	6.35	<=13	Pass

5.1.3 B71_15MHz

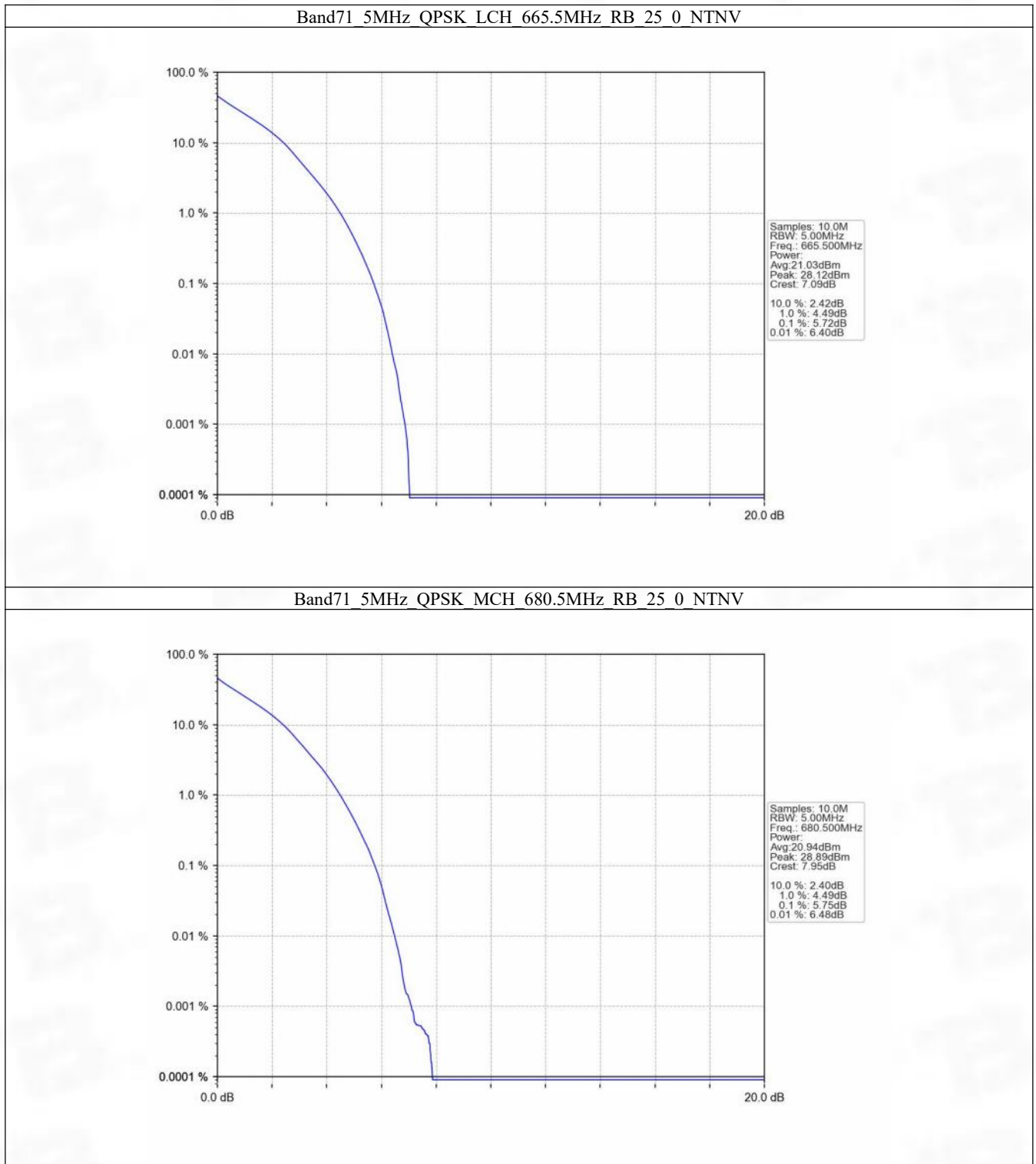
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.89	<=13	Pass
	680.5	75	0	6.10	<=13	Pass
	690.5	75	0	5.84	<=13	Pass
16QAM	670.5	75	0	6.39	<=13	Pass
	680.5	75	0	6.59	<=13	Pass
	690.5	75	0	6.37	<=13	Pass

5.1.4 B71_20MHz

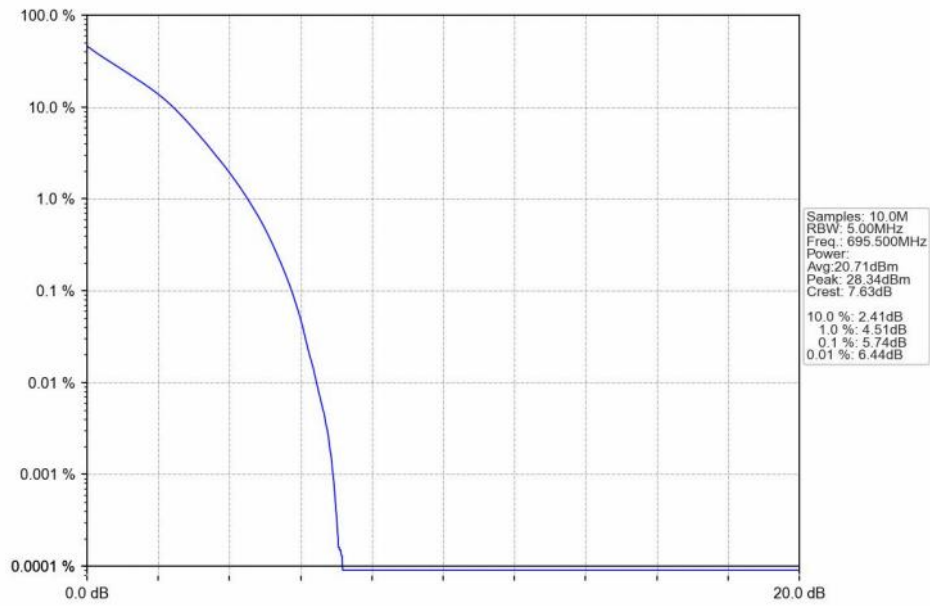
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.52	<=13	Pass
	683	100	0	5.85	<=13	Pass
	688	100	0	5.62	<=13	Pass
16QAM	673	100	0	6.38	<=13	Pass
	683	100	0	6.50	<=13	Pass
	688	100	0	6.42	<=13	Pass

5.2 Test Graph

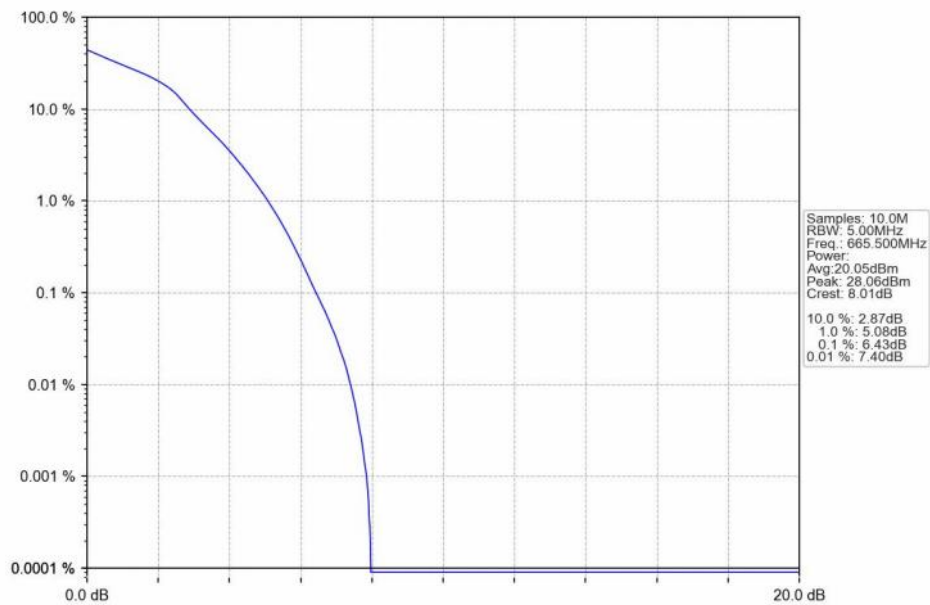
5.2.1 B71_5MHz



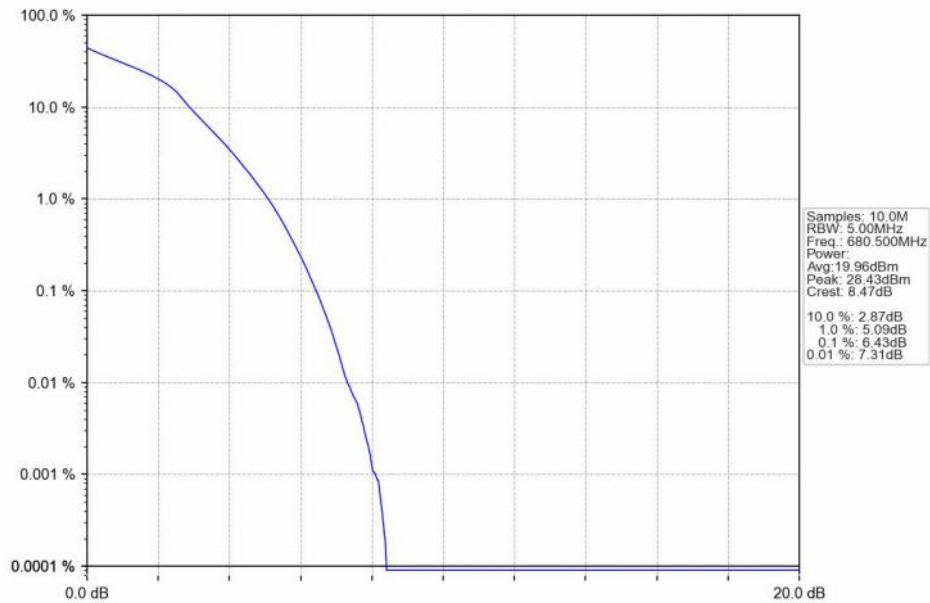
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV



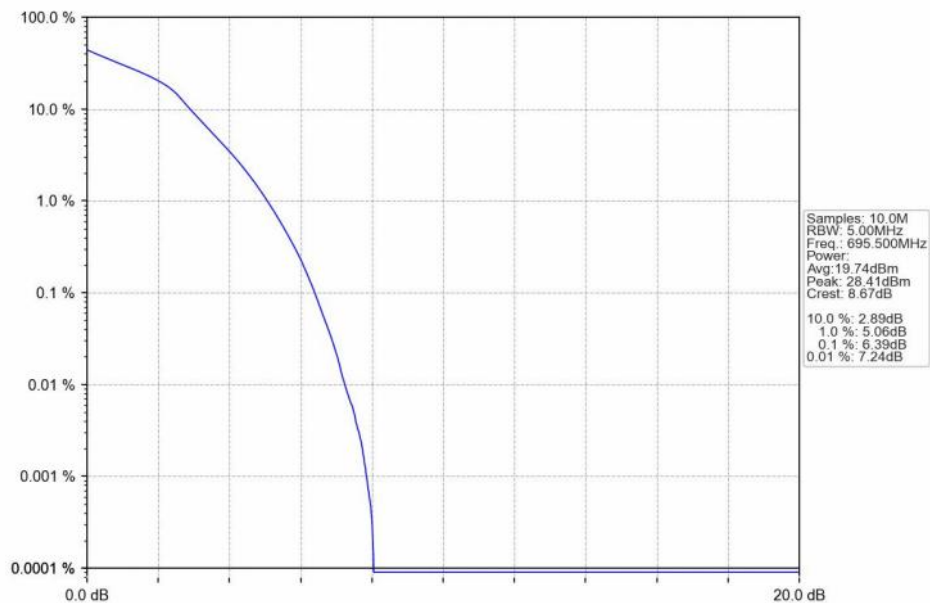
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTV



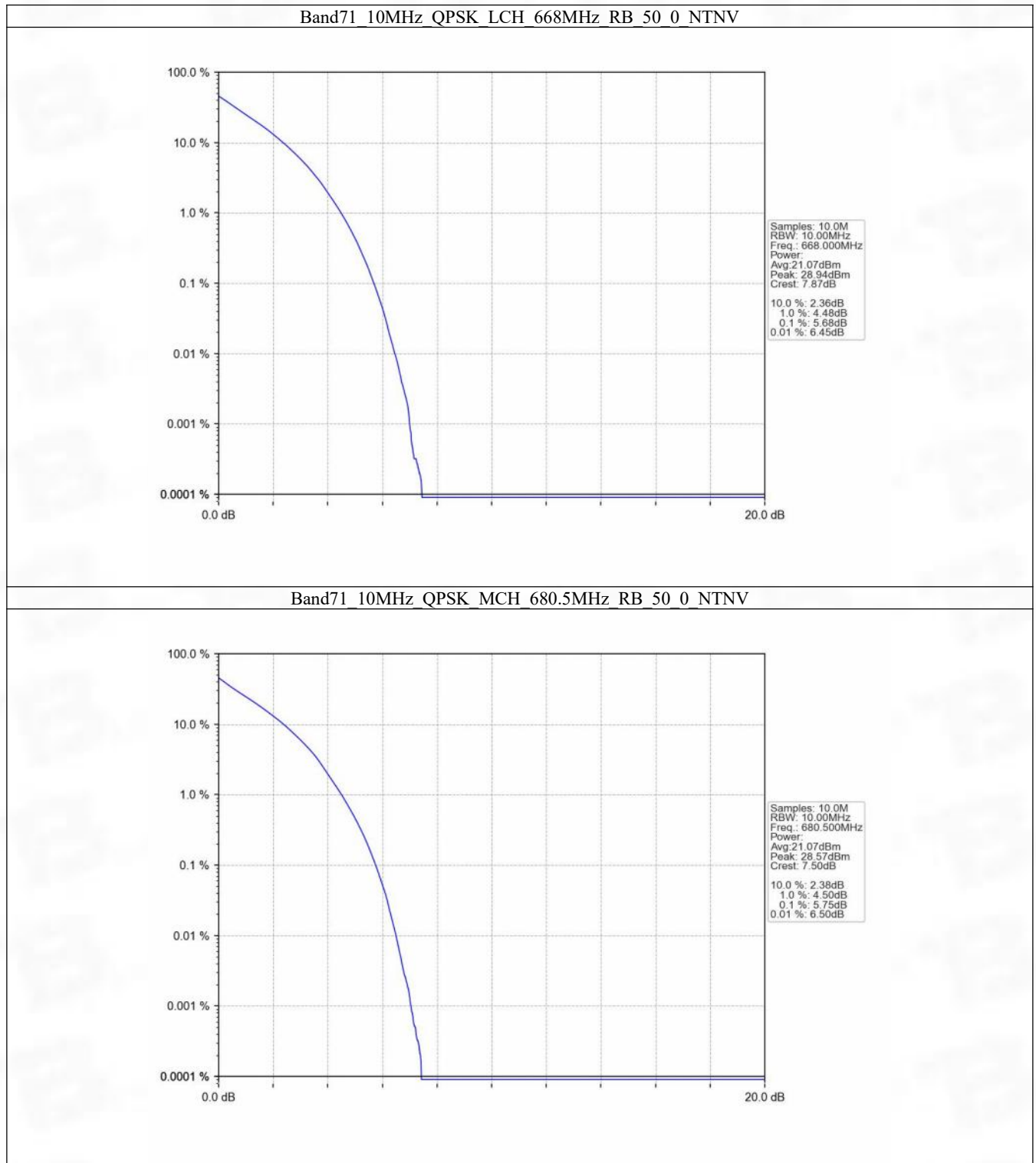
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



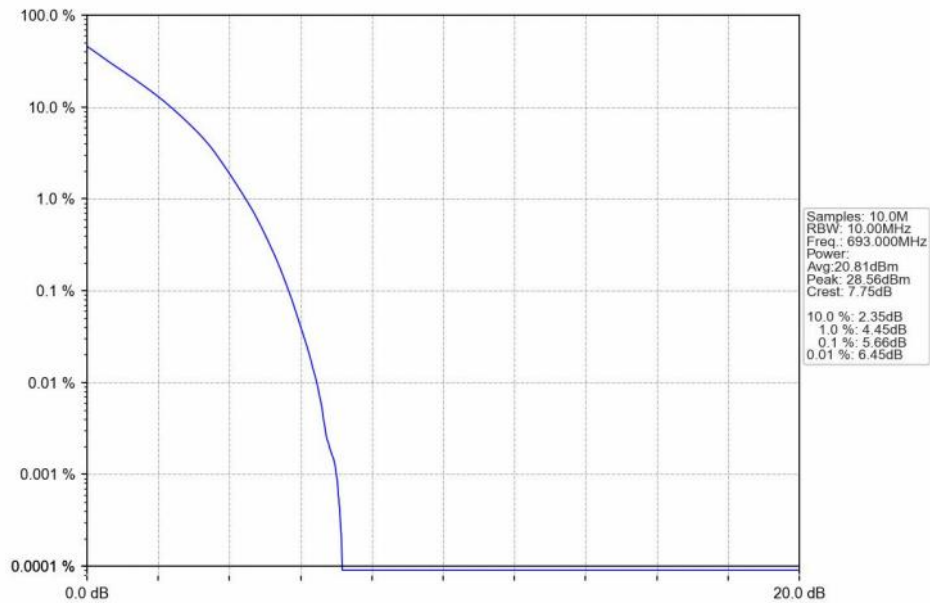
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



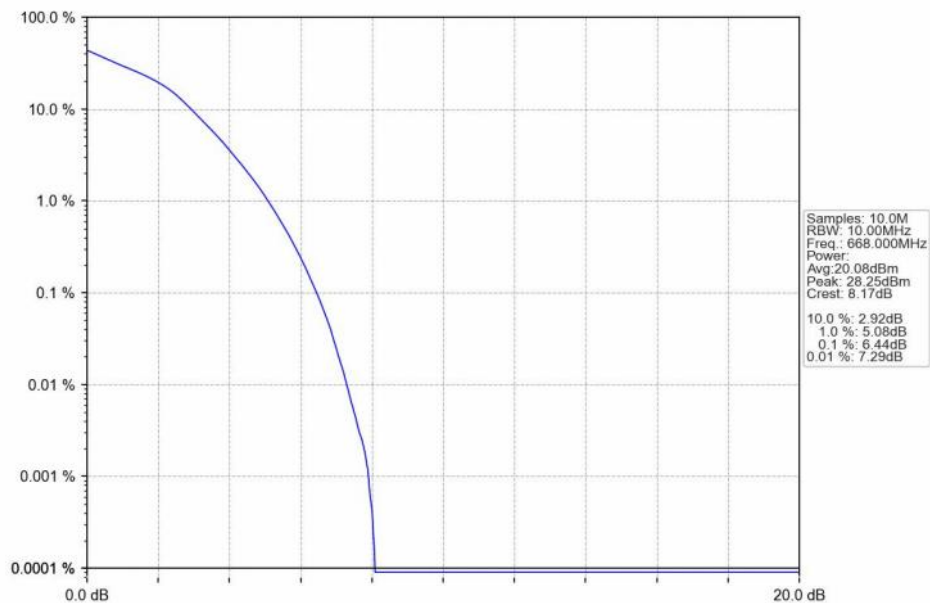
5.2.2 B71_10MHz



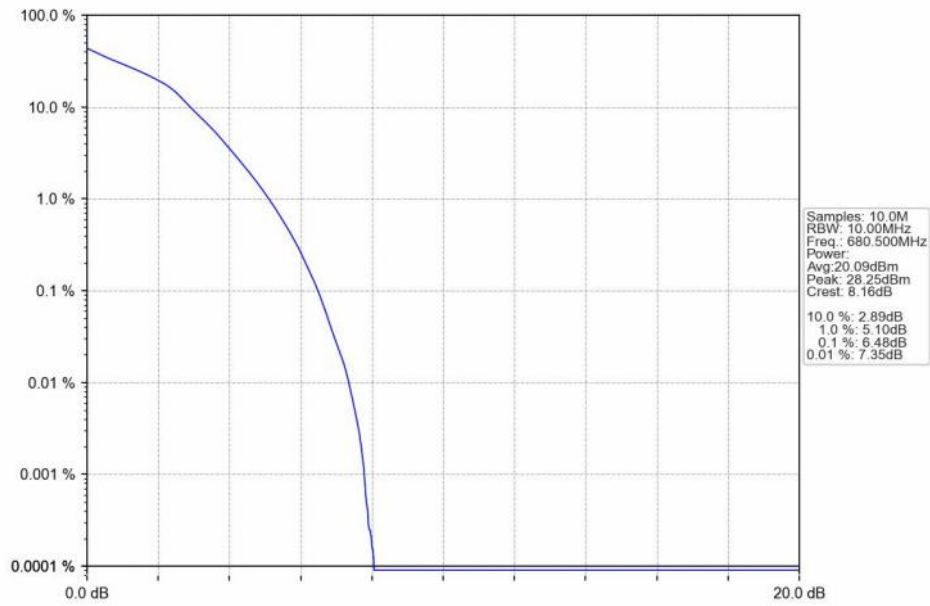
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



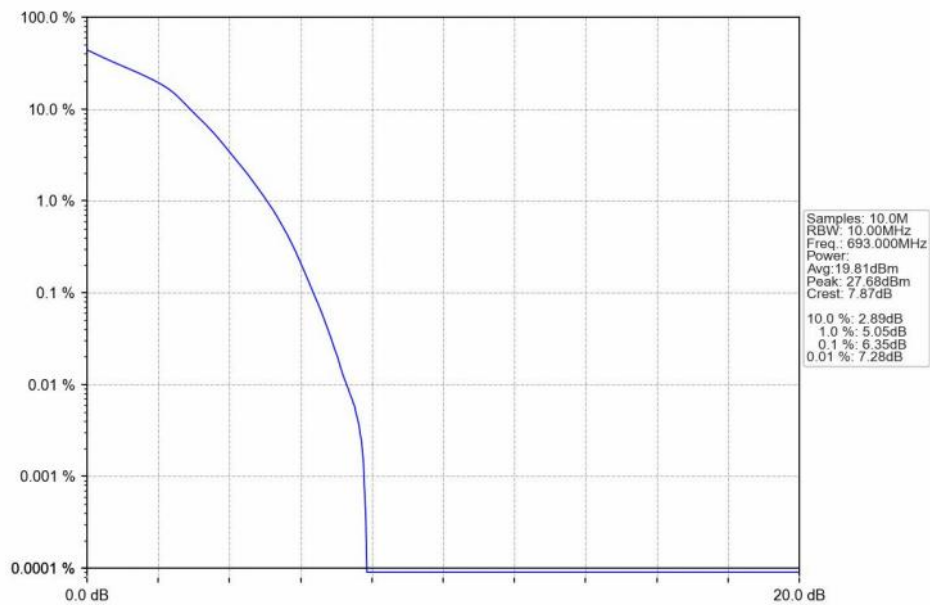
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



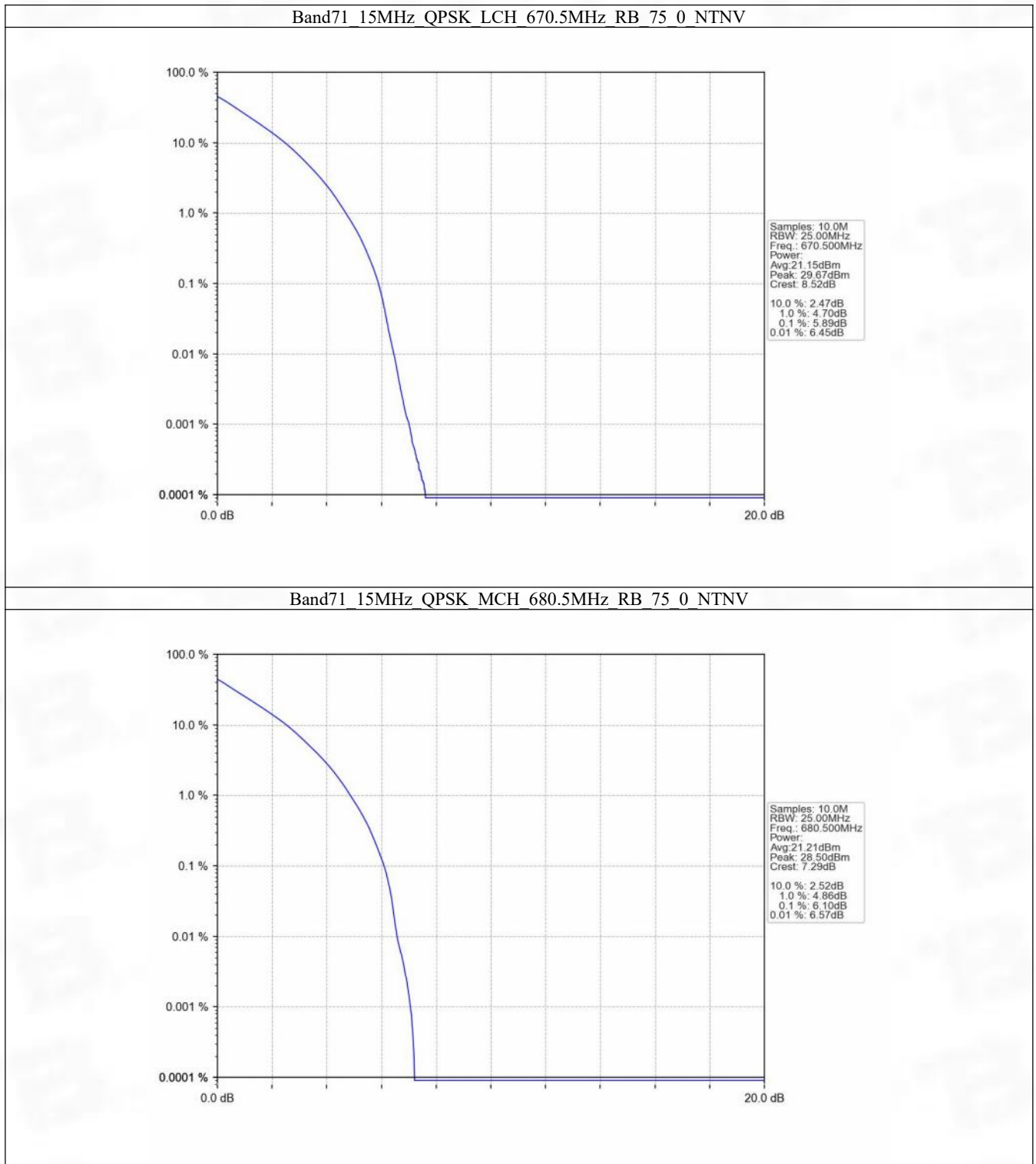
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



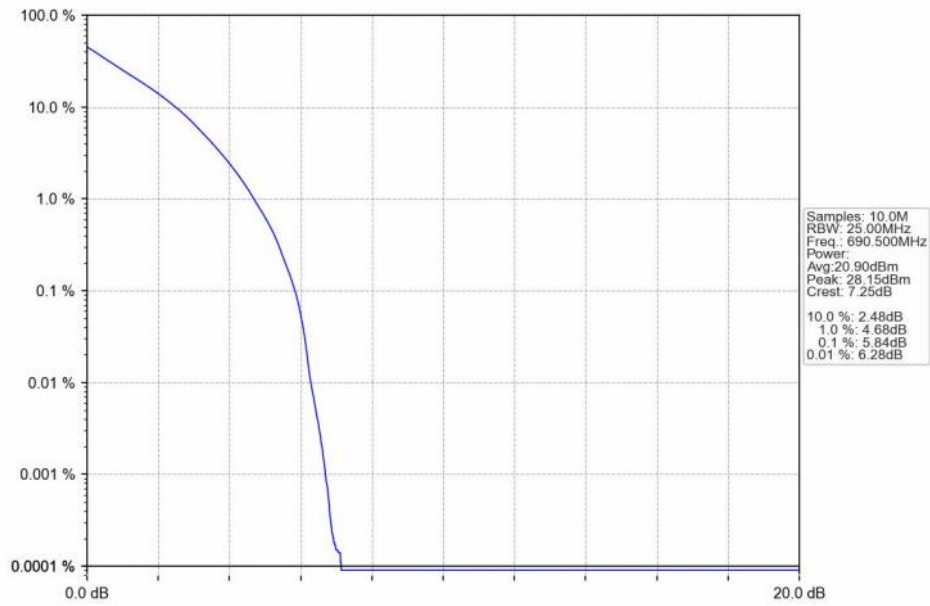
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



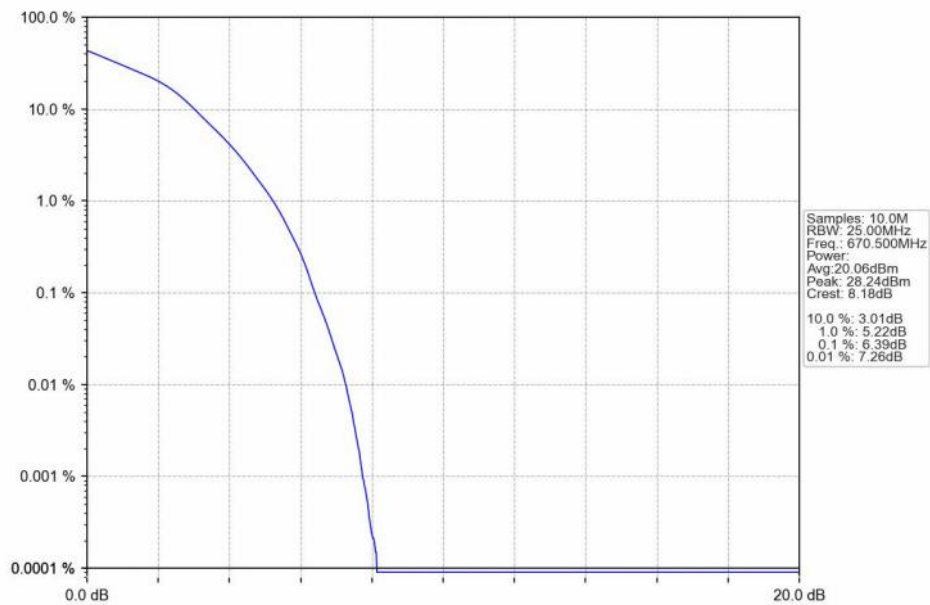
5.2.3 B71_15MHz



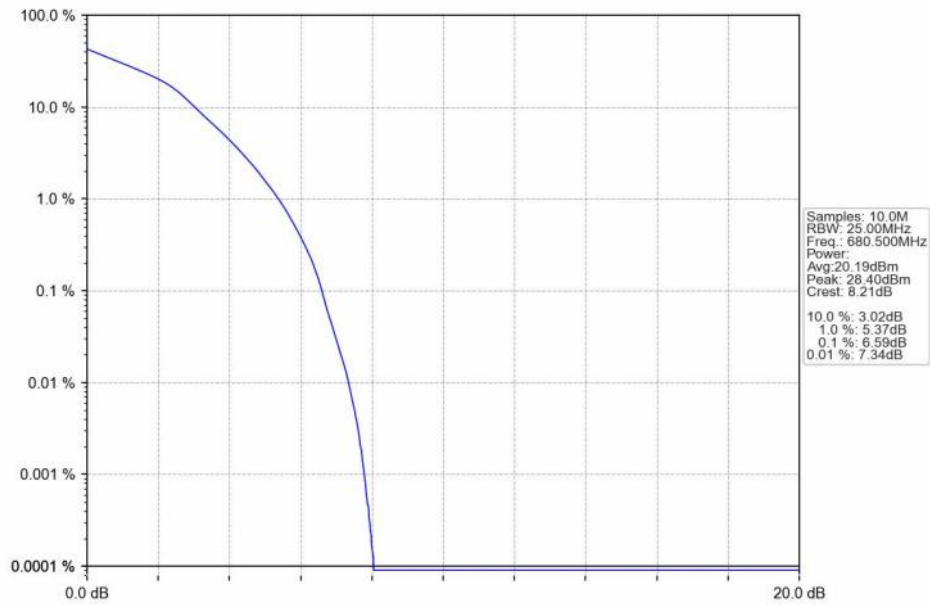
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



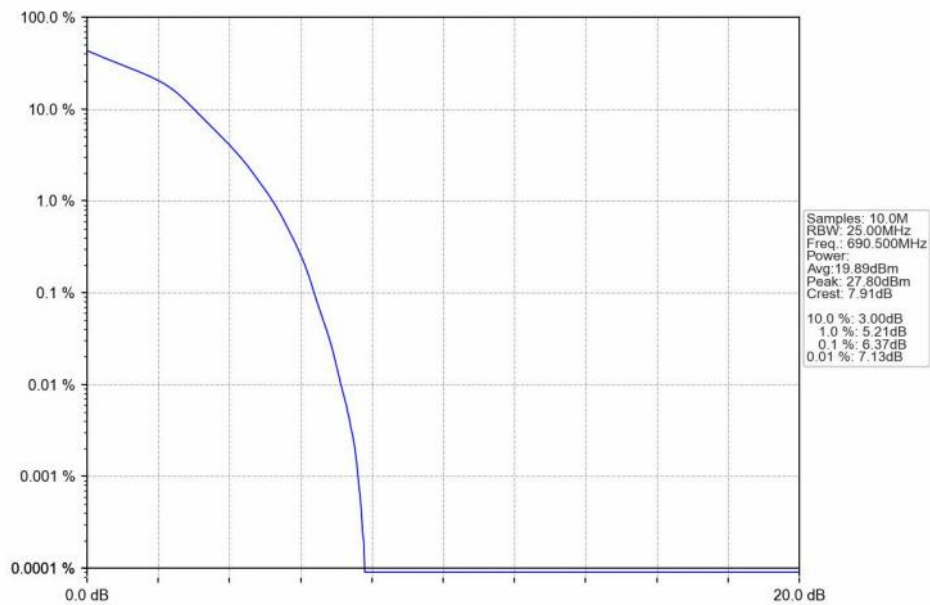
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



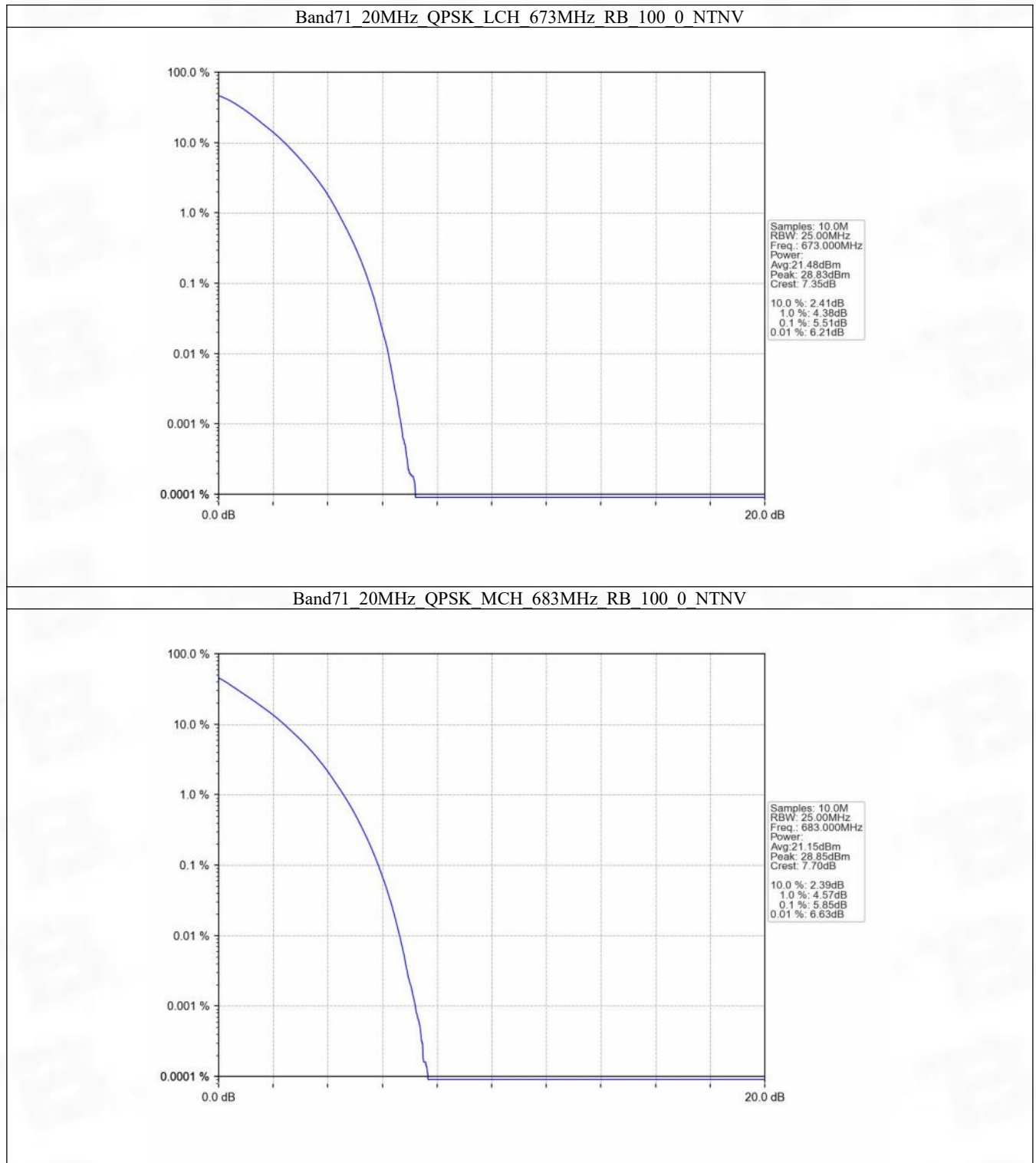
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTNV



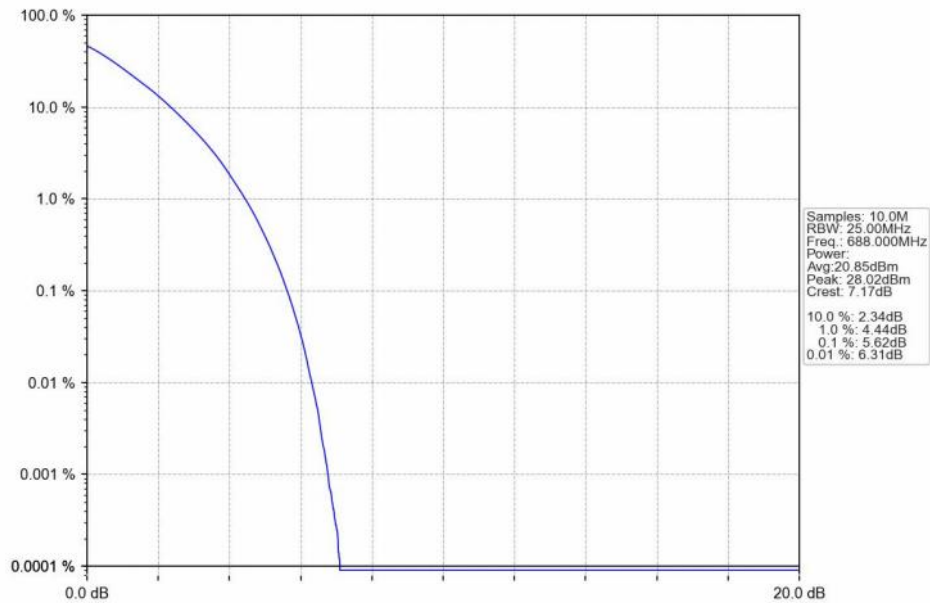
Band71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTNV



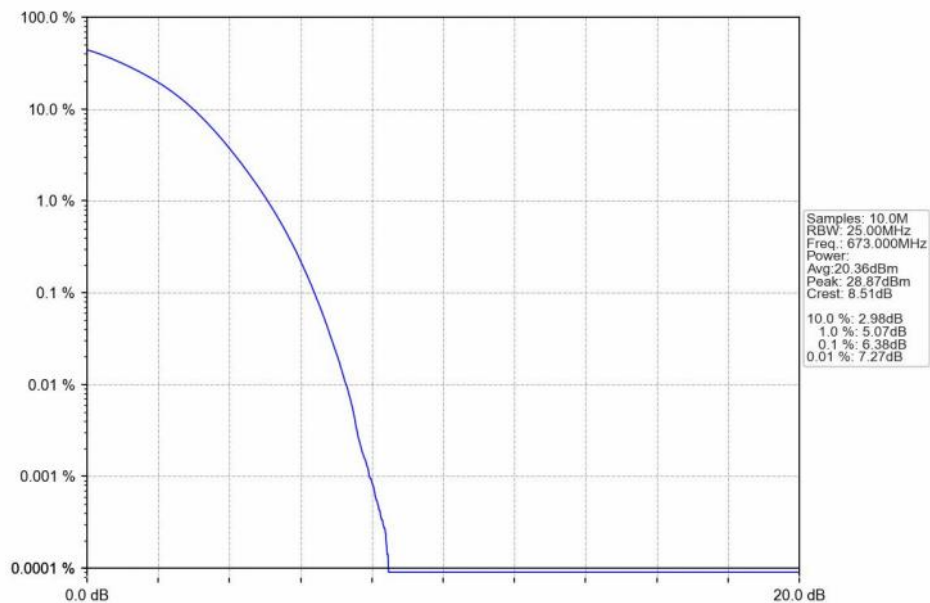
5.2.4 B71_20MHz



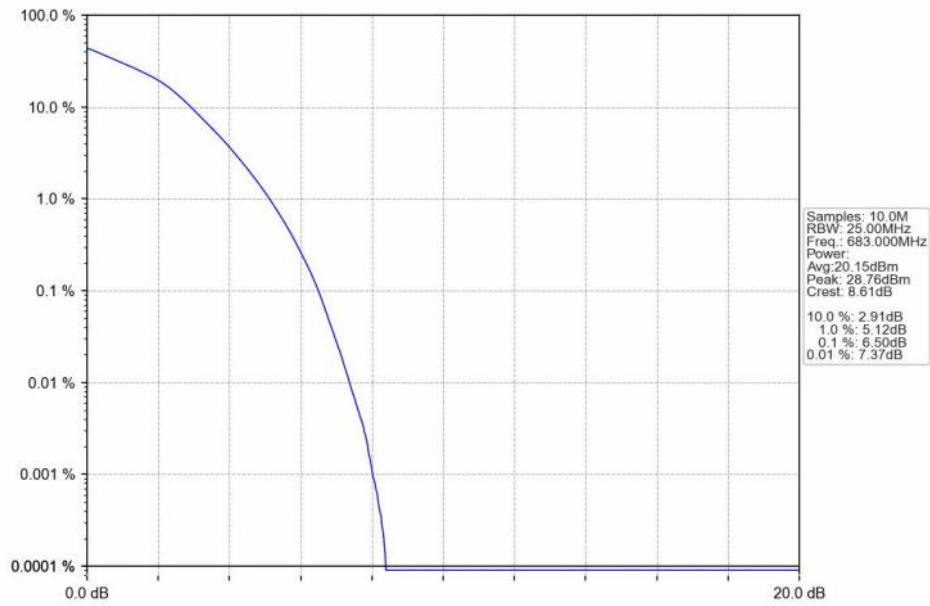
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



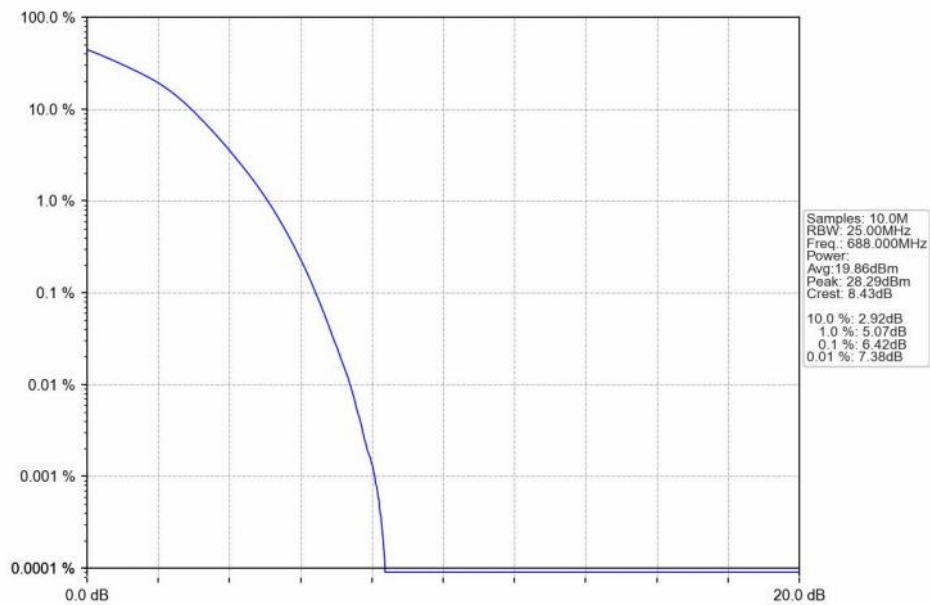
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



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



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



6. Spurious Emission

6.1 Test Result

6.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTVN						
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
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	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
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	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
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	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
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	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
	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
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

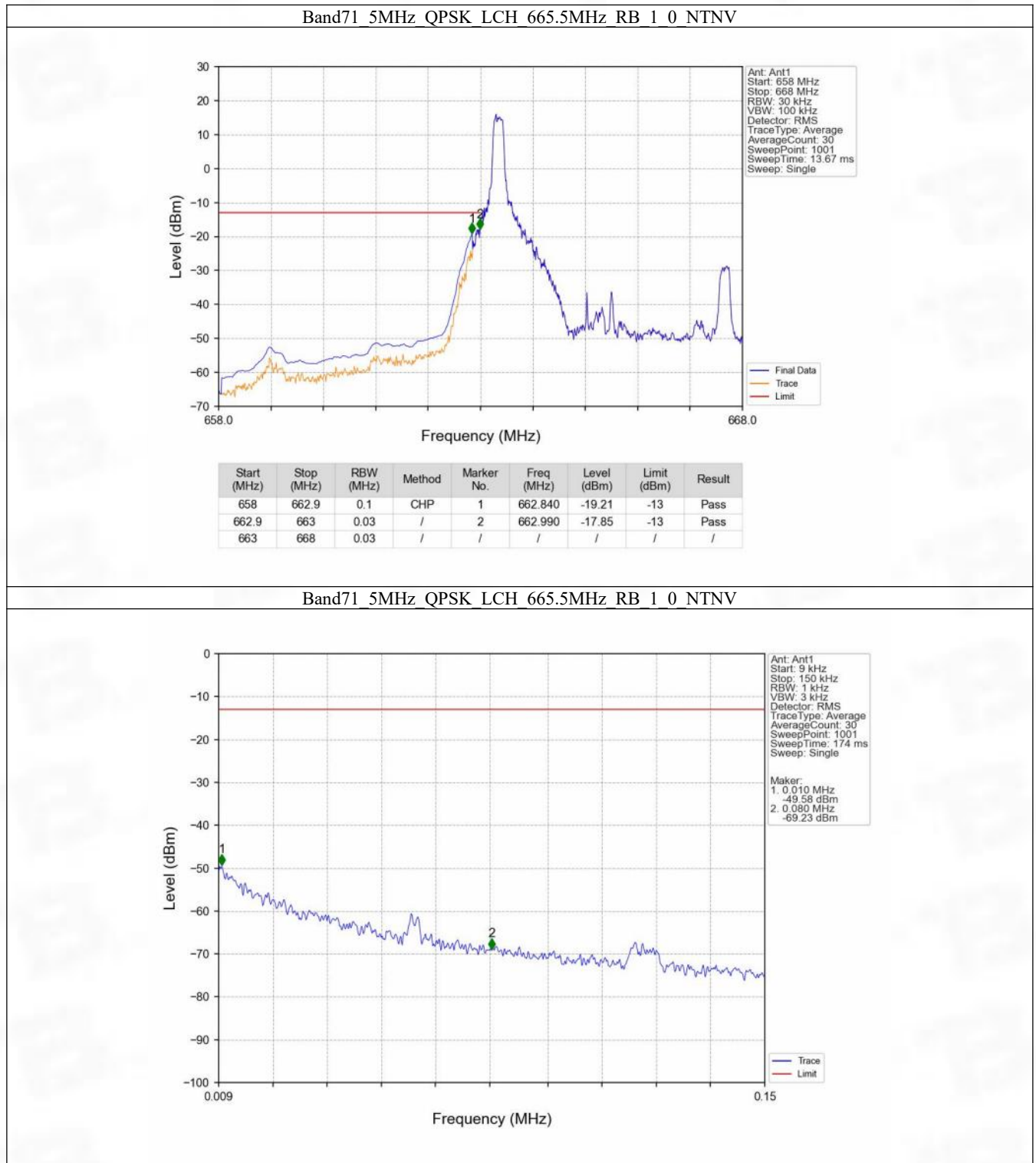
		75	0	Refer To Test Graph	Pass
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6.1.4 B71_20MHz

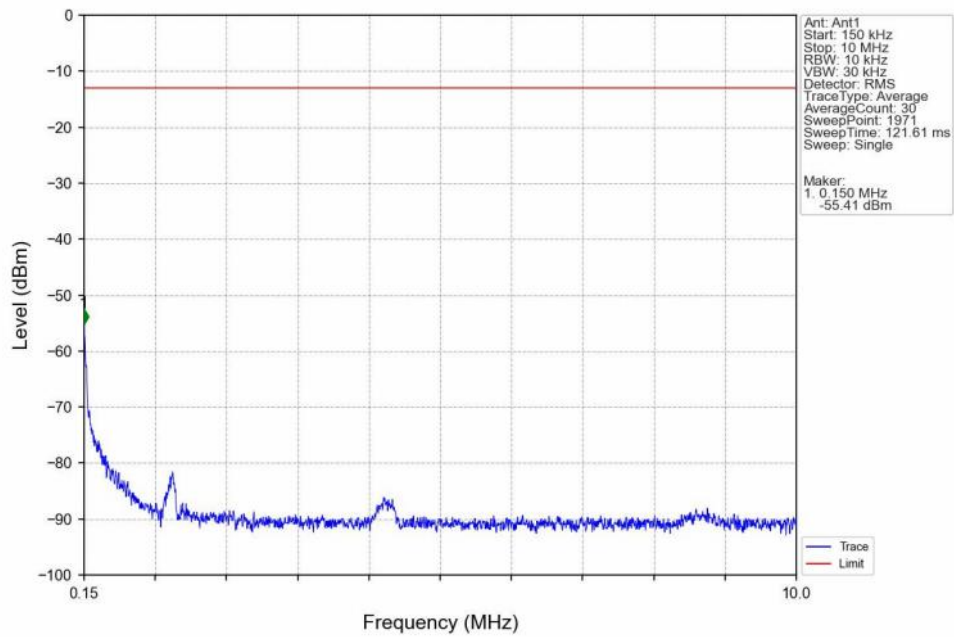
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	673	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	683	1	0	Refer To Test Graph	Pass
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100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

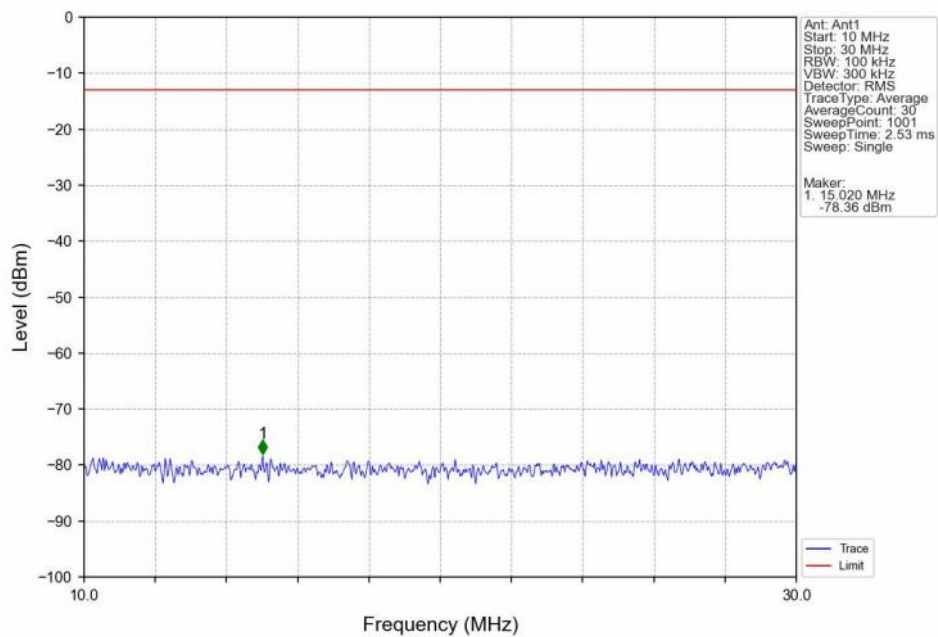
6.2.1 B71_5MHz



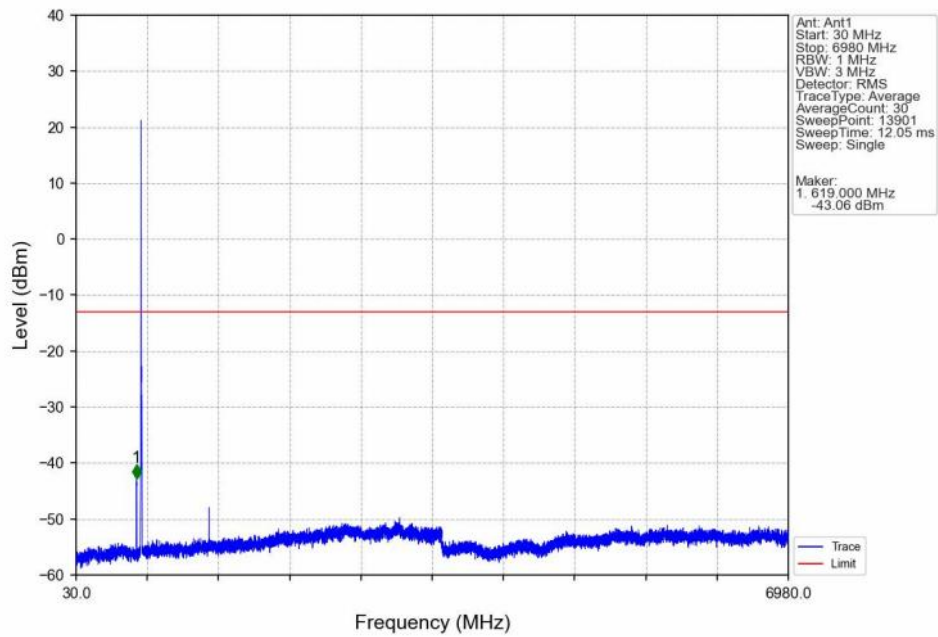
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



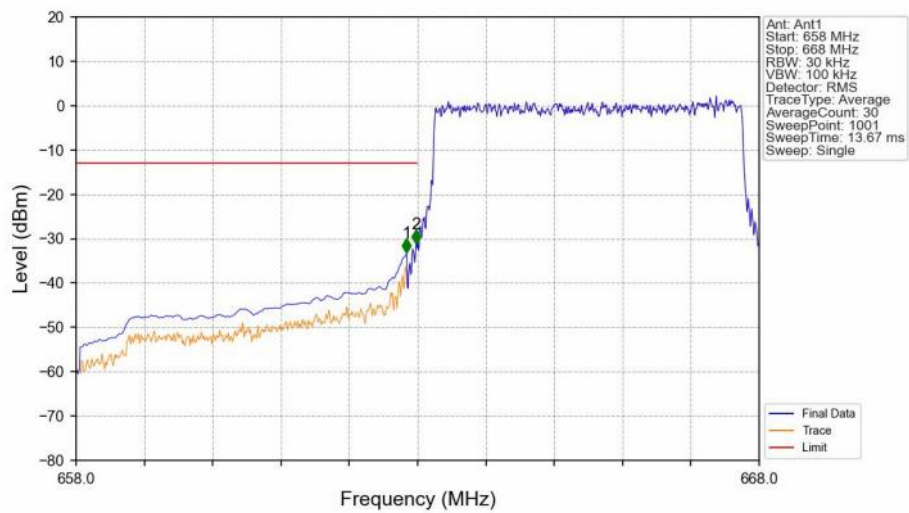
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

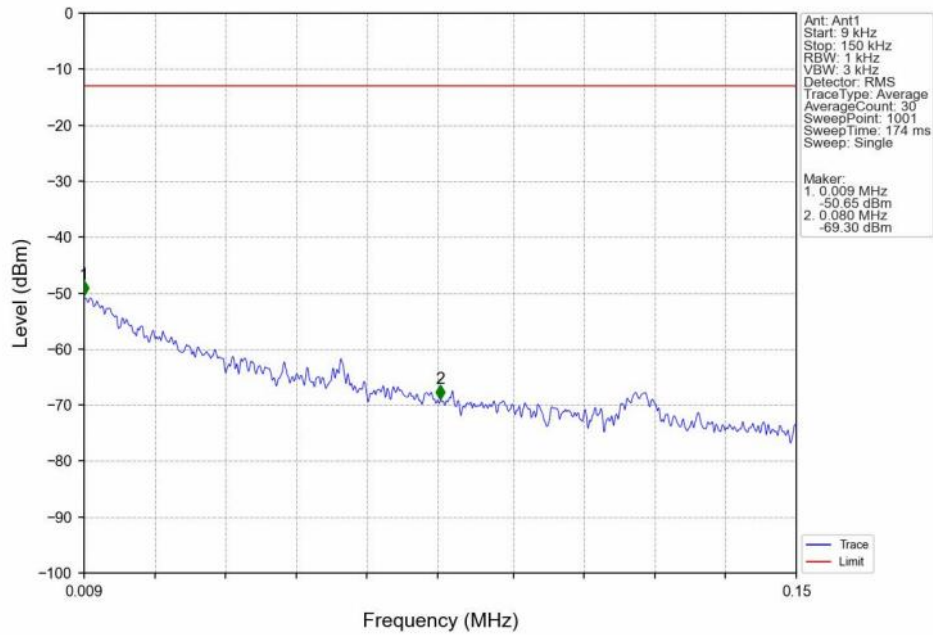


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

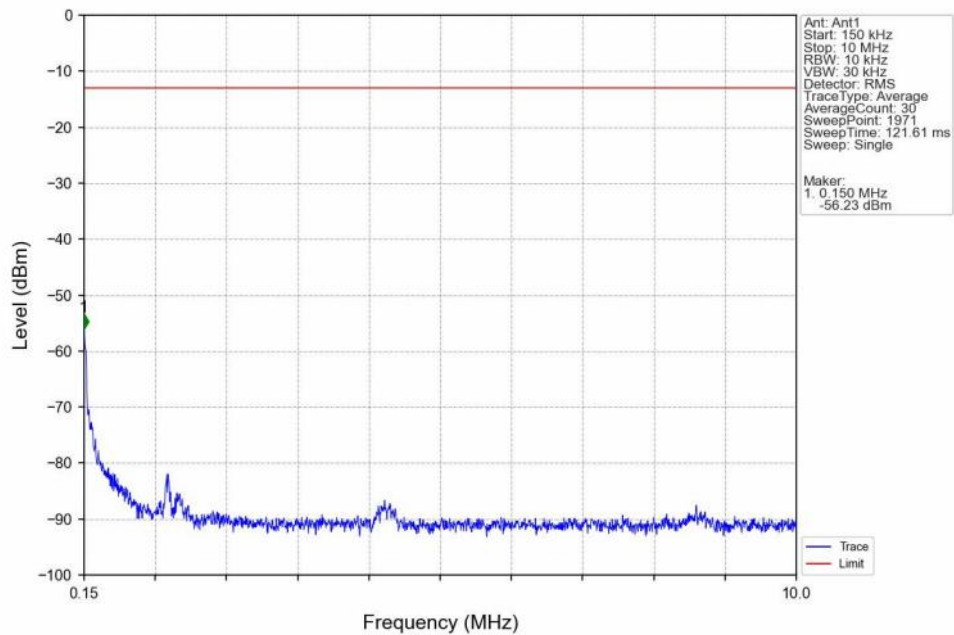


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-33.18	-13	Pass
662.9	663	0.03	/	2	662.980	-31.19	-13	Pass
663	668	0.03	/	/	/	/	/	/

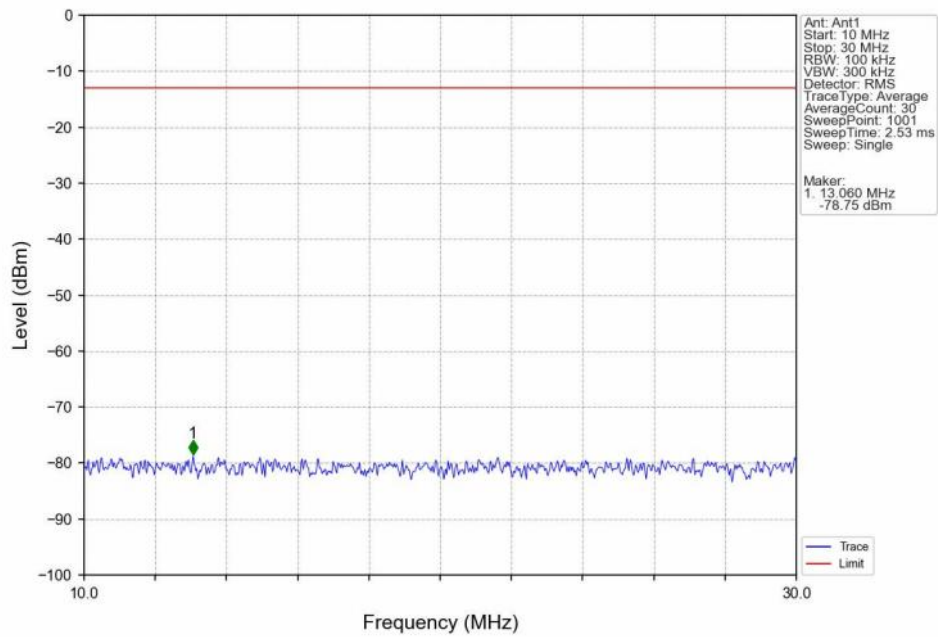
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



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

