

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	21.80	-2.48	17.17	<=34.77	Pass
			13	21.93	-2.48	17.30	<=34.77	Pass
			24	21.98	-2.48	17.35	<=34.77	Pass
		12	0	20.89	-2.48	16.26	<=34.77	Pass
			6	21.00	-2.48	16.37	<=34.77	Pass
			13	20.91	-2.48	16.28	<=34.77	Pass
		25	0	21.00	-2.48	16.37	<=34.77	Pass
	680.5	1	0	21.89	-2.48	17.26	<=34.77	Pass
			13	21.88	-2.48	17.25	<=34.77	Pass
			24	21.95	-2.48	17.32	<=34.77	Pass
		12	0	20.93	-2.48	16.30	<=34.77	Pass
			6	20.95	-2.48	16.32	<=34.77	Pass
			13	20.85	-2.48	16.22	<=34.77	Pass
		25	0	20.92	-2.48	16.29	<=34.77	Pass
	695.5	1	0	21.95	-2.48	17.32	<=34.77	Pass
			13	21.89	-2.48	17.26	<=34.77	Pass
			24	21.87	-2.48	17.24	<=34.77	Pass
		12	0	21.38	-2.48	16.75	<=34.77	Pass
			6	20.89	-2.48	16.26	<=34.77	Pass
			13	20.90	-2.48	16.27	<=34.77	Pass
		25	0	20.92	-2.48	16.29	<=34.77	Pass
16QAM	665.5	1	0	21.33	-2.48	16.70	<=34.77	Pass
			13	21.41	-2.48	16.78	<=34.77	Pass
			24	21.31	-2.48	16.68	<=34.77	Pass
		12	0	20.30	-2.48	15.67	<=34.77	Pass
			6	20.27	-2.48	15.64	<=34.77	Pass
			13	20.32	-2.48	15.69	<=34.77	Pass
		25	0	20.38	-2.48	15.75	<=34.77	Pass
	680.5	1	0	20.59	-2.48	15.96	<=34.77	Pass
			13	20.54	-2.48	15.91	<=34.77	Pass
			24	20.46	-2.48	15.83	<=34.77	Pass
		12	0	20.06	-2.48	15.43	<=34.77	Pass
			6	20.10	-2.48	15.47	<=34.77	Pass
			13	19.87	-2.48	15.24	<=34.77	Pass
		25	0	20.09	-2.48	15.46	<=34.77	Pass
	695.5	1	0	21.82	-2.48	17.19	<=34.77	Pass
			13	21.40	-2.48	16.77	<=34.77	Pass
			24	21.44	-2.48	16.81	<=34.77	Pass
		12	0	20.37	-2.48	15.74	<=34.77	Pass
			6	20.44	-2.48	15.81	<=34.77	Pass
			13	20.42	-2.48	15.79	<=34.77	Pass
		25	0	20.52	-2.48	15.89	<=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	21.81	-2.48	17.18	<=34.77	Pass	
			25	21.85	-2.48	17.22	<=34.77	Pass	
			49	22.03	-2.48	17.40	<=34.77	Pass	
		25	0	20.94	-2.48	16.31	<=34.77	Pass	
			13	20.99	-2.48	16.36	<=34.77	Pass	
			25	21.00	-2.48	16.37	<=34.77	Pass	
		50	0	20.93	-2.48	16.30	<=34.77	Pass	
		680.5	1	0	22.04	-2.48	17.41	<=34.77	Pass
				25	21.96	-2.48	17.33	<=34.77	Pass
	49			21.94	-2.48	17.31	<=34.77	Pass	
	25		0	21.09	-2.48	16.46	<=34.77	Pass	
			13	21.03	-2.48	16.40	<=34.77	Pass	
			25	20.94	-2.48	16.31	<=34.77	Pass	
	50		0	20.95	-2.48	16.32	<=34.77	Pass	
	693		1	0	21.81	-2.48	17.18	<=34.77	Pass
				25	21.96	-2.48	17.33	<=34.77	Pass
		49		21.90	-2.48	17.27	<=34.77	Pass	
		25	0	21.00	-2.48	16.37	<=34.77	Pass	
			13	21.03	-2.48	16.40	<=34.77	Pass	
			25	20.93	-2.48	16.30	<=34.77	Pass	
		50	0	21.01	-2.48	16.38	<=34.77	Pass	
16QAM		668	1	0	22.02	-2.48	17.39	<=34.77	Pass
				25	22.14	-2.48	17.51	<=34.77	Pass
	49			22.19	-2.48	17.56	<=34.77	Pass	
	25		0	20.51	-2.48	15.88	<=34.77	Pass	
			13	19.90	-2.48	15.27	<=34.77	Pass	
			25	20.13	-2.48	15.50	<=34.77	Pass	
	50		0	19.96	-2.48	15.33	<=34.77	Pass	
	680.5		1	0	21.63	-2.48	17.00	<=34.77	Pass
				25	21.48	-2.48	16.85	<=34.77	Pass
		49		21.58	-2.48	16.95	<=34.77	Pass	
		25	0	20.14	-2.48	15.51	<=34.77	Pass	
			13	20.20	-2.48	15.57	<=34.77	Pass	
			25	20.03	-2.48	15.40	<=34.77	Pass	
		50	0	20.24	-2.48	15.61	<=34.77	Pass	
		693	1	0	21.56	-2.48	16.93	<=34.77	Pass
				25	21.25	-2.48	16.62	<=34.77	Pass
	49			21.20	-2.48	16.57	<=34.77	Pass	
	25		0	20.59	-2.48	15.96	<=34.77	Pass	
			13	20.44	-2.48	15.81	<=34.77	Pass	
			25	20.64	-2.48	16.01	<=34.77	Pass	
	50		0	20.29	-2.48	15.66	<=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	20.90	-2.48	16.27	<=34.77	Pass
			38	20.85	-2.48	16.22	<=34.77	Pass
			74	20.88	-2.48	16.25	<=34.77	Pass
		36	0	20.86	-2.48	16.23	<=34.77	Pass
			18	20.96	-2.48	16.33	<=34.77	Pass
			39	21.02	-2.48	16.39	<=34.77	Pass

16QAM	680.5	75	0	20.95	-2.48	16.32	<=34.77	Pass
			0	20.97	-2.48	16.34	<=34.77	Pass
			38	20.96	-2.48	16.33	<=34.77	Pass
		36	74	20.98	-2.48	16.35	<=34.77	Pass
			0	20.98	-2.48	16.35	<=34.77	Pass
			18	20.92	-2.48	16.29	<=34.77	Pass
			39	20.99	-2.48	16.36	<=34.77	Pass
		75	0	20.97	-2.48	16.34	<=34.77	Pass
			0	21.07	-2.48	16.44	<=34.77	Pass
			38	21.07	-2.48	16.44	<=34.77	Pass
		690.5	74	21.08	-2.48	16.45	<=34.77	Pass
			0	21.09	-2.48	16.46	<=34.77	Pass
			18	21.10	-2.48	16.47	<=34.77	Pass
16QAM	670.5	1	39	21.09	-2.48	16.46	<=34.77	Pass
			75	0	21.09	16.46	<=34.77	Pass
			0	21.00	-2.48	16.37	<=34.77	Pass
		36	38	21.00	-2.48	16.37	<=34.77	Pass
			74	20.91	-2.48	16.28	<=34.77	Pass
			0	20.92	-2.48	16.29	<=34.77	Pass
		75	18	20.92	-2.48	16.29	<=34.77	Pass
			39	20.95	-2.48	16.32	<=34.77	Pass
			0	20.94	-2.48	16.31	<=34.77	Pass
	680.5	1	0	20.96	-2.48	16.33	<=34.77	Pass
			38	21.00	-2.48	16.37	<=34.77	Pass
			74	21.04	-2.48	16.41	<=34.77	Pass
		36	0	21.05	-2.48	16.42	<=34.77	Pass
			18	21.02	-2.48	16.39	<=34.77	Pass
			39	20.98	-2.48	16.35	<=34.77	Pass
		75	0	20.95	-2.48	16.32	<=34.77	Pass
			0	21.10	-2.48	16.47	<=34.77	Pass
			38	21.10	-2.48	16.47	<=34.77	Pass
	690.5	1	74	21.10	-2.48	16.47	<=34.77	Pass
			0	21.10	-2.48	16.47	<=34.77	Pass
			18	21.11	-2.48	16.48	<=34.77	Pass
		36	39	21.11	-2.48	16.48	<=34.77	Pass
			0	21.11	-2.48	16.48	<=34.77	Pass
			75	0	21.11	16.48	<=34.77	Pass

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	21.84	-2.48	17.21	<=34.77	Pass
			50	22.05	-2.48	17.42	<=34.77	Pass
			99	22.00	-2.48	17.37	<=34.77	Pass
		50	0	20.97	-2.48	16.34	<=34.77	Pass
			25	20.99	-2.48	16.36	<=34.77	Pass
			50	21.14	-2.48	16.51	<=34.77	Pass
		100	0	20.93	-2.48	16.30	<=34.77	Pass
	683	1	0	22.05	-2.48	17.42	<=34.77	Pass
			50	21.95	-2.48	17.32	<=34.77	Pass
			99	22.14	-2.48	17.51	<=34.77	Pass
		50	0	21.09	-2.48	16.46	<=34.77	Pass
			25	20.88	-2.48	16.25	<=34.77	Pass
			50	21.46	-2.48	16.83	<=34.77	Pass
		100	0	20.91	-2.48	16.28	<=34.77	Pass
	688	1	0	22.01	-2.48	17.38	<=34.77	Pass

Total or partial reproduction of this document without permission of the Laboratory is not allowed.

Page 3 of 121

BTF Testing Lab (Shenzhen) Co., Ltd.

Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

Version: 1/00

16QAM			50	22.08	-2.48	17.45	<=34.77	Pass
			99	22.06	-2.48	17.43	<=34.77	Pass
		50	0	21.05	-2.48	16.42	<=34.77	Pass
			25	21.40	-2.48	16.77	<=34.77	Pass
			50	21.14	-2.48	16.51	<=34.77	Pass
		100	0	21.43	-2.48	16.80	<=34.77	Pass
	673	1	0	21.32	-2.48	16.69	<=34.77	Pass
			50	21.44	-2.48	16.81	<=34.77	Pass
			99	21.43	-2.48	16.80	<=34.77	Pass
		50	0	19.93	-2.48	15.30	<=34.77	Pass
			25	20.55	-2.48	15.92	<=34.77	Pass
			50	20.25	-2.48	15.62	<=34.77	Pass
		100	0	20.54	-2.48	15.91	<=34.77	Pass
	683	1	0	22.25	-2.48	17.62	<=34.77	Pass
			50	22.18	-2.48	17.55	<=34.77	Pass
			99	22.39	-2.48	17.76	<=34.77	Pass
		50	0	20.07	-2.48	15.44	<=34.77	Pass
			25	19.99	-2.48	15.36	<=34.77	Pass
			50	20.49	-2.48	15.86	<=34.77	Pass
		100	0	20.08	-2.48	15.45	<=34.77	Pass
	688	1	0	21.77	-2.48	17.14	<=34.77	Pass
			50	22.18	-2.48	17.55	<=34.77	Pass
			99	21.69	-2.48	17.06	<=34.77	Pass
		50	0	20.50	-2.48	15.87	<=34.77	Pass
			25	20.48	-2.48	15.85	<=34.77	Pass
			50	20.24	-2.48	15.61	<=34.77	Pass
		100	0	20.43	-2.48	15.80	<=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	5.536	0.0083	-2.5 to 2.5	Pass
					3.85	-10.614	-0.0159	-2.5 to 2.5	Pass
					4.43	-26.865	-0.0404	-2.5 to 2.5	Pass
				-30	3.85	-37.193	-0.0559	-2.5 to 2.5	Pass
				-20	3.85	-45.033	-0.0677	-2.5 to 2.5	Pass
				-10	3.85	-2.046	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-7.997	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-10.099	-0.0152	-2.5 to 2.5	Pass
				40	3.85	-10.886	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-11.644	-0.0175	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	3.619	0.0053	-2.5 to 2.5	Pass
					3.85	-25.320	-0.0372	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-25.048	-0.0368	-2.5 to 2.5	Pass
				-20	3.85	-45.862	-0.0674	-2.5 to 2.5	Pass
				-10	3.85	-9.227	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-23.990	-0.0353	-2.5 to 2.5	Pass

16QAM	695.5	25	0	10	3.85	-37.766	-0.0555	-2.5 to 2.5	Pass
				30	3.85	-46.105	-0.0678	-2.5 to 2.5	Pass
				40	3.85	-53.902	-0.0792	-2.5 to 2.5	Pass
				50	3.85	-4.663	-0.0069	-2.5 to 2.5	Pass
				20	3.27	4.435	0.0064	-2.5 to 2.5	Pass
					3.85	11.044	0.0159	-2.5 to 2.5	Pass
					4.43	16.108	0.0232	-2.5 to 2.5	Pass
				-30	3.85	18.368	0.0264	-2.5 to 2.5	Pass
				-20	3.85	19.841	0.0285	-2.5 to 2.5	Pass
				-10	3.85	22.917	0.0330	-2.5 to 2.5	Pass
	665.5	25	0	0	3.85	25.392	0.0365	-2.5 to 2.5	Pass
				10	3.85	27.237	0.0392	-2.5 to 2.5	Pass
				30	3.85	28.739	0.0413	-2.5 to 2.5	Pass
				40	3.85	28.625	0.0412	-2.5 to 2.5	Pass
				50	3.85	33.488	0.0481	-2.5 to 2.5	Pass
				20	3.27	-12.302	-0.0185	-2.5 to 2.5	Pass
					3.85	-8.311	-0.0125	-2.5 to 2.5	Pass
					4.43	-3.619	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	1.216	0.0018	-2.5 to 2.5	Pass
16QAM	680.5	25	0	-10	3.85	5.407	0.0081	-2.5 to 2.5	Pass
				0	3.85	8.111	0.0122	-2.5 to 2.5	Pass
				10	3.85	14.677	0.0221	-2.5 to 2.5	Pass
				30	3.85	18.883	0.0284	-2.5 to 2.5	Pass
				40	3.85	22.802	0.0343	-2.5 to 2.5	Pass
				50	3.85	25.635	0.0385	-2.5 to 2.5	Pass
				20	3.27	-9.127	-0.0134	-2.5 to 2.5	Pass
					3.85	-6.809	-0.0100	-2.5 to 2.5	Pass
					4.43	-7.410	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0041	-2.5 to 2.5	Pass
	695.5	25	0	-20	3.85	-1.745	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.375	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-4.649	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-5.136	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-5.422	-0.0080	-2.5 to 2.5	Pass
				20	3.27	35.505	0.0510	-2.5 to 2.5	Pass
					3.85	42.715	0.0614	-2.5 to 2.5	Pass
					4.43	48.995	0.0704	-2.5 to 2.5	Pass
				-30	3.85	-2.875	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	0.987	0.0014	-2.5 to 2.5	Pass
				-10	3.85	3.834	0.0055	-2.5 to 2.5	Pass
				0	3.85	5.722	0.0082	-2.5 to 2.5	Pass
				10	3.85	9.398	0.0135	-2.5 to 2.5	Pass
				30	3.85	14.033	0.0202	-2.5 to 2.5	Pass
				40	3.85	20.828	0.0299	-2.5 to 2.5	Pass
				50	3.85	25.721	0.0370	-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	-15.006	-0.0225	-2.5 to 2.5	Pass
					3.85	-25.835	-0.0387	-2.5 to 2.5	Pass
					4.43	-39.582	-0.0593	-2.5 to 2.5	Pass
				-30	3.85	-15.006	-0.0225	-2.5 to 2.5	Pass

Total or partial reproduction of this document without permission of the Laboratory is not allowed.

Page 5 of 121

BTF Testing Lab (Shenzhen) Co., Ltd.

Plant 101, 201 and 301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Street, Bao'an District, Shenzhen, Guangdong, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

Version: 1/00

16QAM				-20	3.85	-48.480	-0.0726	-2.5 to 2.5	Pass	
				-10	3.85	-45.590	-0.0682	-2.5 to 2.5	Pass	
				0	3.85	-37.608	-0.0563	-2.5 to 2.5	Pass	
				10	3.85	-7.639	-0.0114	-2.5 to 2.5	Pass	
				30	3.85	-22.402	-0.0335	-2.5 to 2.5	Pass	
				40	3.85	-27.866	-0.0417	-2.5 to 2.5	Pass	
				50	3.85	-26.236	-0.0393	-2.5 to 2.5	Pass	
	680.5	50	0	20	3.27	-0.486	-0.0007	-2.5 to 2.5	Pass	
					3.85	-43.688	-0.0642	-2.5 to 2.5	Pass	
					4.43	-24.848	-0.0365	-2.5 to 2.5	Pass	
				-30	3.85	-43.287	-0.0636	-2.5 to 2.5	Pass	
				-20	3.85	-40.913	-0.0601	-2.5 to 2.5	Pass	
				-10	3.85	-27.509	-0.0404	-2.5 to 2.5	Pass	
				0	3.85	-12.102	-0.0178	-2.5 to 2.5	Pass	
				10	3.85	-43.659	-0.0642	-2.5 to 2.5	Pass	
				30	3.85	-16.108	-0.0237	-2.5 to 2.5	Pass	
	40	3.85	-40.126	-0.0590	-2.5 to 2.5	Pass				
	50	3.85	-9.155	-0.0135	-2.5 to 2.5	Pass				
	693	50	0	20	3.27	8.225	0.0119	-2.5 to 2.5	Pass	
					3.85	23.532	0.0340	-2.5 to 2.5	Pass	
					4.43	33.245	0.0480	-2.5 to 2.5	Pass	
				-30	3.85	40.627	0.0586	-2.5 to 2.5	Pass	
				-20	3.85	12.674	0.0183	-2.5 to 2.5	Pass	
				-10	3.85	2.389	0.0034	-2.5 to 2.5	Pass	
				0	3.85	2.561	0.0037	-2.5 to 2.5	Pass	
				10	3.85	6.194	0.0089	-2.5 to 2.5	Pass	
				30	3.85	4.005	0.0058	-2.5 to 2.5	Pass	
	40	3.85	3.533	0.0051	-2.5 to 2.5	Pass				
	50	3.85	1.531	0.0022	-2.5 to 2.5	Pass				
		668	50	0	20	3.27	-9.584	-0.0143	-2.5 to 2.5	Pass
						3.85	-33.417	-0.0500	-2.5 to 2.5	Pass
						4.43	-0.372	-0.0006	-2.5 to 2.5	Pass
					-30	3.85	-21.458	-0.0321	-2.5 to 2.5	Pass
-20					3.85	-36.736	-0.0550	-2.5 to 2.5	Pass	
-10					3.85	-3.605	-0.0054	-2.5 to 2.5	Pass	
0					3.85	-20.413	-0.0306	-2.5 to 2.5	Pass	
10					3.85	-33.288	-0.0498	-2.5 to 2.5	Pass	
30					3.85	-47.250	-0.0707	-2.5 to 2.5	Pass	
40		3.85	-7.868	-0.0118	-2.5 to 2.5	Pass				
50		3.85	-21.400	-0.0320	-2.5 to 2.5	Pass				
680.5		50	0	20	3.27	-27.251	-0.0400	-2.5 to 2.5	Pass	
					3.85	-28.939	-0.0425	-2.5 to 2.5	Pass	
					4.43	-28.338	-0.0416	-2.5 to 2.5	Pass	
				-30	3.85	-30.742	-0.0452	-2.5 to 2.5	Pass	
				-20	3.85	-33.731	-0.0496	-2.5 to 2.5	Pass	
	-10			3.85	-39.110	-0.0575	-2.5 to 2.5	Pass		
	0			3.85	-44.875	-0.0659	-2.5 to 2.5	Pass		
	10			3.85	-50.454	-0.0741	-2.5 to 2.5	Pass		
	30			3.85	-8.655	-0.0127	-2.5 to 2.5	Pass		
40	3.85	-14.691	-0.0216	-2.5 to 2.5	Pass					
50	3.85	-23.031	-0.0338	-2.5 to 2.5	Pass					
693	50	0	20	3.27	5.293	0.0076	-2.5 to 2.5	Pass		
				3.85	17.238	0.0249	-2.5 to 2.5	Pass		
				4.43	32.129	0.0464	-2.5 to 2.5	Pass		
			-30	3.85	39.253	0.0566	-2.5 to 2.5	Pass		
			-20	3.85	42.572	0.0614	-2.5 to 2.5	Pass		
			-10	3.85	5.164	0.0075	-2.5 to 2.5	Pass		
			0	3.85	9.756	0.0141	-2.5 to 2.5	Pass		
			10	3.85	14.691	0.0212	-2.5 to 2.5	Pass		

				30	3.85	17.653	0.0255	-2.5 to 2.5	Pass
				40	3.85	22.931	0.0331	-2.5 to 2.5	Pass
				50	3.85	26.050	0.0376	-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	-24.505	-0.0365	-2.5 to 2.5	Pass
					3.85	-35.405	-0.0528	-2.5 to 2.5	Pass
					4.43	-31.786	-0.0474	-2.5 to 2.5	Pass
				-30	3.85	-23.532	-0.0351	-2.5 to 2.5	Pass
				-20	3.85	-41.499	-0.0619	-2.5 to 2.5	Pass
				-10	3.85	-11.587	-0.0173	-2.5 to 2.5	Pass
				0	3.85	-15.235	-0.0227	-2.5 to 2.5	Pass
				10	3.85	-3.834	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-14.806	-0.0221	-2.5 to 2.5	Pass
				40	3.85	-37.808	-0.0564	-2.5 to 2.5	Pass
				50	3.85	-18.897	-0.0282	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-6.094	-0.0090	-2.5 to 2.5	Pass
					3.85	-50.282	-0.0739	-2.5 to 2.5	Pass
					4.43	-35.076	-0.0515	-2.5 to 2.5	Pass
				-30	3.85	-12.374	-0.0182	-2.5 to 2.5	Pass
				-20	3.85	-37.537	-0.0552	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-23.046	-0.0339	-2.5 to 2.5	Pass
				10	3.85	-39.053	-0.0574	-2.5 to 2.5	Pass
				30	3.85	-50.697	-0.0745	-2.5 to 2.5	Pass
				40	3.85	-11.001	-0.0162	-2.5 to 2.5	Pass
				50	3.85	-20.571	-0.0302	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	2.518	0.0036	-2.5 to 2.5	Pass
					3.85	2.675	0.0039	-2.5 to 2.5	Pass
					4.43	1.373	0.0020	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.273	0.0018	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-5.980	-0.0087	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-44.746	-0.0667	-2.5 to 2.5	Pass
					3.85	-4.034	-0.0060	-2.5 to 2.5	Pass
					4.43	-12.574	-0.0188	-2.5 to 2.5	Pass
				-30	3.85	-27.466	-0.0410	-2.5 to 2.5	Pass
				-20	3.85	-43.645	-0.0651	-2.5 to 2.5	Pass
				-10	3.85	-56.176	-0.0838	-2.5 to 2.5	Pass
				0	3.85	-10.858	-0.0162	-2.5 to 2.5	Pass
				10	3.85	-22.831	-0.0341	-2.5 to 2.5	Pass
				30	3.85	-34.661	-0.0517	-2.5 to 2.5	Pass
				40	3.85	-49.968	-0.0745	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0103	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-28.925	-0.0425	-2.5 to 2.5	Pass
					3.85	-31.457	-0.0462	-2.5 to 2.5	Pass
					4.43	-31.786	-0.0467	-2.5 to 2.5	Pass
				-30	3.85	-34.204	-0.0503	-2.5 to 2.5	Pass
				-20	3.85	-35.720	-0.0525	-2.5 to 2.5	Pass

				-10	3.85	-39.053	-0.0574	-2.5 to 2.5	Pass
				0	3.85	-42.858	-0.0630	-2.5 to 2.5	Pass
				10	3.85	-44.603	-0.0655	-2.5 to 2.5	Pass
				30	3.85	-45.719	-0.0672	-2.5 to 2.5	Pass
				40	3.85	-52.042	-0.0765	-2.5 to 2.5	Pass
				50	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-2.518	-0.0036	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0005	-2.5 to 2.5	Pass
					4.43	3.948	0.0057	-2.5 to 2.5	Pass
				-30	3.85	6.037	0.0087	-2.5 to 2.5	Pass
				-20	3.85	8.783	0.0127	-2.5 to 2.5	Pass
				-10	3.85	9.785	0.0142	-2.5 to 2.5	Pass
				0	3.85	10.285	0.0149	-2.5 to 2.5	Pass
				10	3.85	11.573	0.0168	-2.5 to 2.5	Pass
				30	3.85	11.344	0.0164	-2.5 to 2.5	Pass
				40	3.85	12.531	0.0181	-2.5 to 2.5	Pass
				50	3.85	15.206	0.0220	-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	-27.924	-0.0415	-2.5 to 2.5	Pass
					3.85	-12.817	-0.0190	-2.5 to 2.5	Pass
					4.43	-15.306	-0.0227	-2.5 to 2.5	Pass
				-30	3.85	-17.066	-0.0254	-2.5 to 2.5	Pass
				-20	3.85	-6.366	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-38.810	-0.0577	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-21.300	-0.0316	-2.5 to 2.5	Pass
				30	3.85	-34.833	-0.0518	-2.5 to 2.5	Pass
				40	3.85	-44.360	-0.0659	-2.5 to 2.5	Pass
				50	3.85	-28.696	-0.0426	-2.5 to 2.5	Pass
	683	100	0	20	3.27	2.217	0.0032	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0063	-2.5 to 2.5	Pass
					4.43	-8.826	-0.0129	-2.5 to 2.5	Pass
				-30	3.85	-14.548	-0.0213	-2.5 to 2.5	Pass
				-20	3.85	-17.152	-0.0251	-2.5 to 2.5	Pass
				-10	3.85	-20.013	-0.0293	-2.5 to 2.5	Pass
				0	3.85	-21.458	-0.0314	-2.5 to 2.5	Pass
				10	3.85	-24.304	-0.0356	-2.5 to 2.5	Pass
				30	3.85	-26.708	-0.0391	-2.5 to 2.5	Pass
				40	3.85	-29.554	-0.0433	-2.5 to 2.5	Pass
				50	3.85	-30.527	-0.0447	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-2.003	-0.0029	-2.5 to 2.5	Pass
					3.85	-6.924	-0.0101	-2.5 to 2.5	Pass
					4.43	-8.883	-0.0129	-2.5 to 2.5	Pass
				-30	3.85	-12.674	-0.0184	-2.5 to 2.5	Pass
				-20	3.85	-14.391	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-15.578	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-16.265	-0.0236	-2.5 to 2.5	Pass
				10	3.85	-17.495	-0.0254	-2.5 to 2.5	Pass
				30	3.85	-18.239	-0.0265	-2.5 to 2.5	Pass
				40	3.85	-20.127	-0.0293	-2.5 to 2.5	Pass
				50	3.85	-19.784	-0.0288	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-6.666	-0.0099	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0100	-2.5 to 2.5	Pass

					4.43	-9.112	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-12.331	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-15.893	-0.0236	-2.5 to 2.5	Pass
				-10	3.85	-16.580	-0.0246	-2.5 to 2.5	Pass
				0	3.85	-21.057	-0.0313	-2.5 to 2.5	Pass
				10	3.85	-22.087	-0.0328	-2.5 to 2.5	Pass
				30	3.85	-25.992	-0.0386	-2.5 to 2.5	Pass
				40	3.85	-26.279	-0.0390	-2.5 to 2.5	Pass
	683	100	0	50	3.85	-26.522	-0.0394	-2.5 to 2.5	Pass
				20	3.27	-29.826	-0.0437	-2.5 to 2.5	Pass
					3.85	-28.181	-0.0413	-2.5 to 2.5	Pass
					4.43	-26.250	-0.0384	-2.5 to 2.5	Pass
				-30	3.85	-25.592	-0.0375	-2.5 to 2.5	Pass
				-20	3.85	-25.377	-0.0372	-2.5 to 2.5	Pass
				-10	3.85	-25.291	-0.0370	-2.5 to 2.5	Pass
				0	3.85	-25.721	-0.0377	-2.5 to 2.5	Pass
				10	3.85	-25.563	-0.0374	-2.5 to 2.5	Pass
				30	3.85	-26.550	-0.0389	-2.5 to 2.5	Pass
				40	3.85	-26.236	-0.0384	-2.5 to 2.5	Pass
				50	3.85	-25.463	-0.0373	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-18.997	-0.0276	-2.5 to 2.5	Pass
					3.85	-20.742	-0.0301	-2.5 to 2.5	Pass
					4.43	-20.800	-0.0302	-2.5 to 2.5	Pass
				-30	3.85	-20.857	-0.0303	-2.5 to 2.5	Pass
				-20	3.85	-20.456	-0.0297	-2.5 to 2.5	Pass
				-10	3.85	-17.996	-0.0262	-2.5 to 2.5	Pass
				0	3.85	-15.407	-0.0224	-2.5 to 2.5	Pass
				10	3.85	-10.843	-0.0158	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0027	-2.5 to 2.5	Pass
				40	3.85	4.907	0.0071	-2.5 to 2.5	Pass
				50	3.85	12.174	0.0177	-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		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 / NTNv						
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

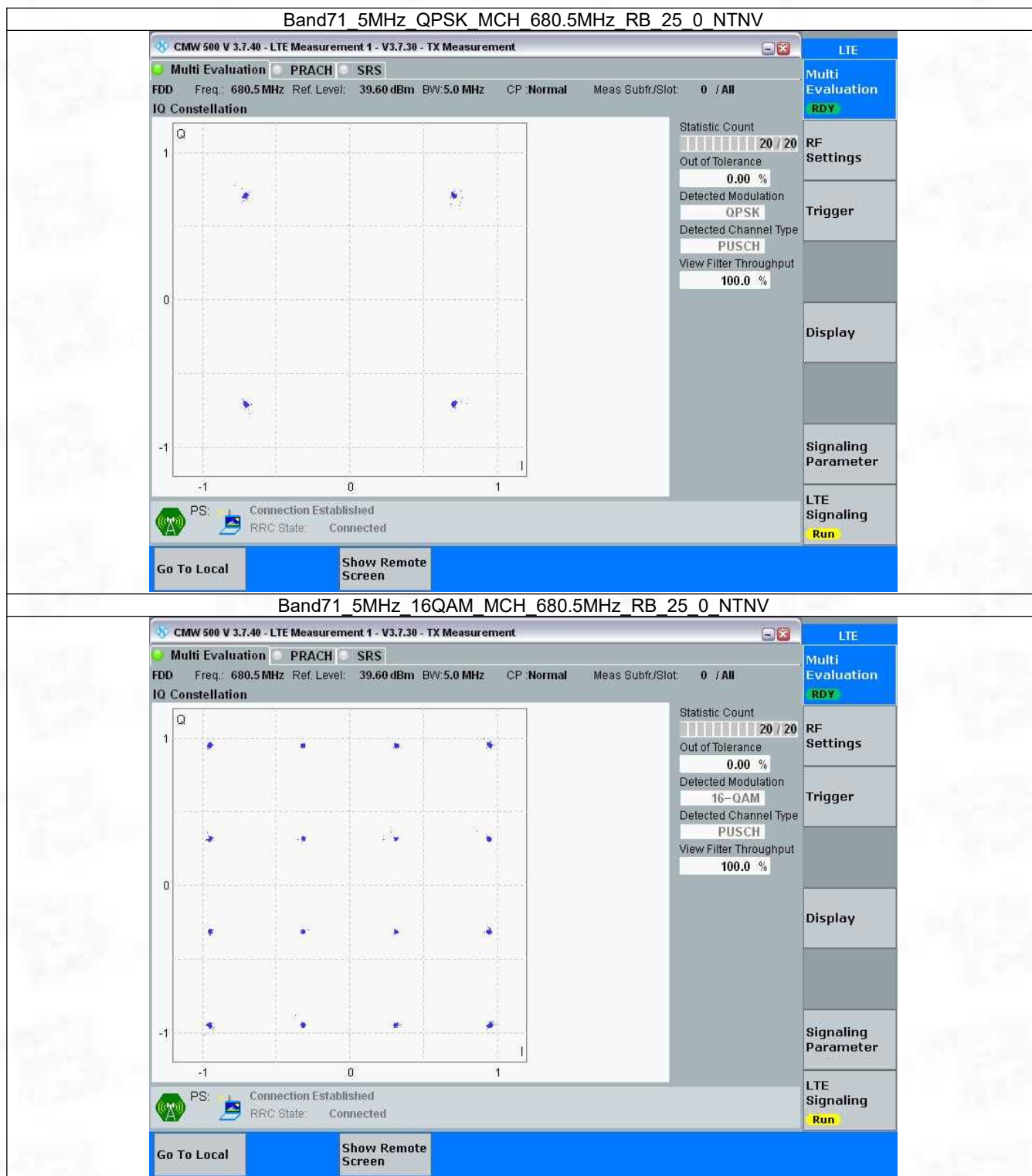
Band: 71 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	680.5	75	0	Refer To Test Graph	
16QAM	680.5	75	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.1.4 B71_20MHz

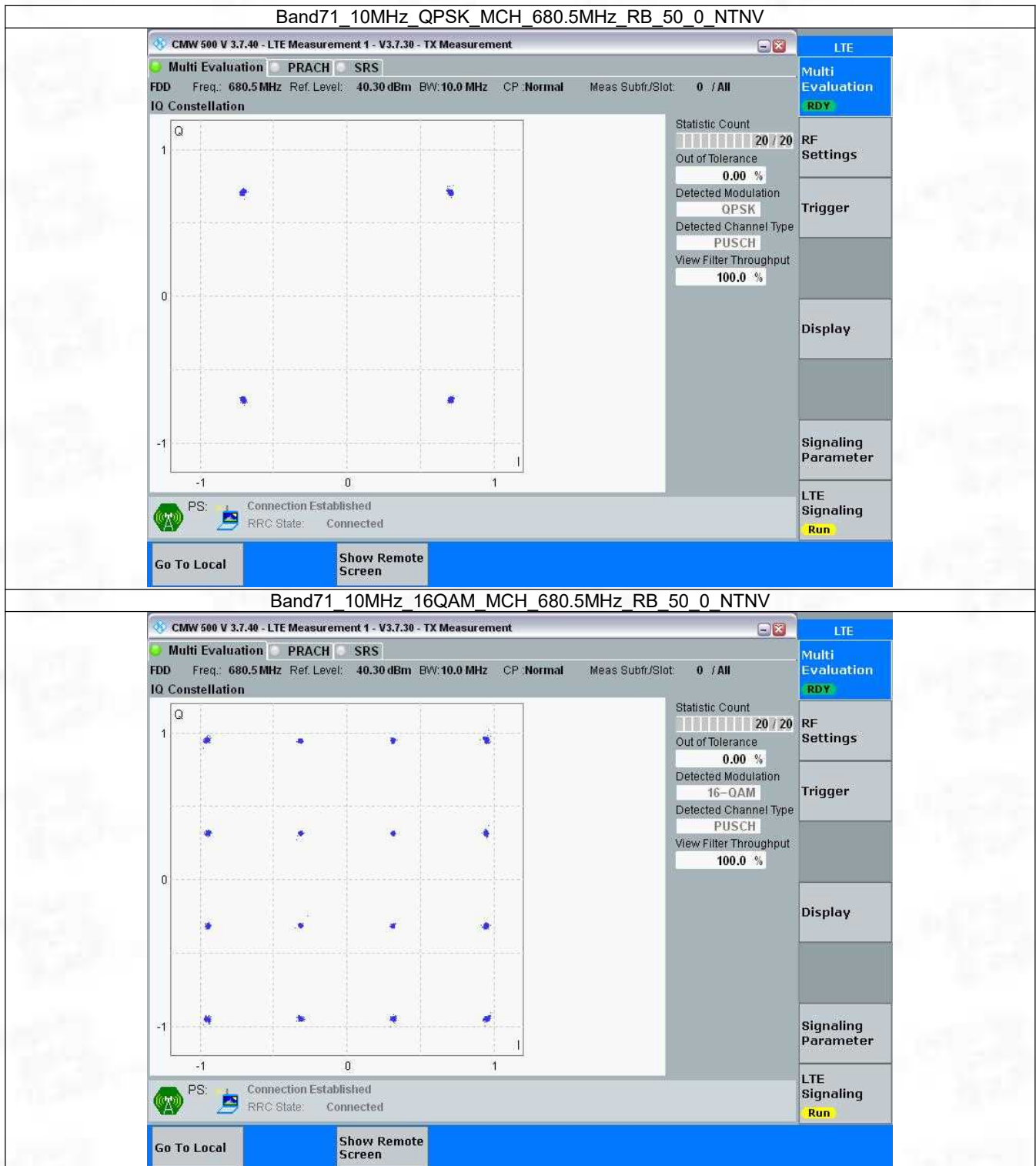
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	683	100	0	Refer To Test Graph	
16QAM	683	100	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.2 Test Graph

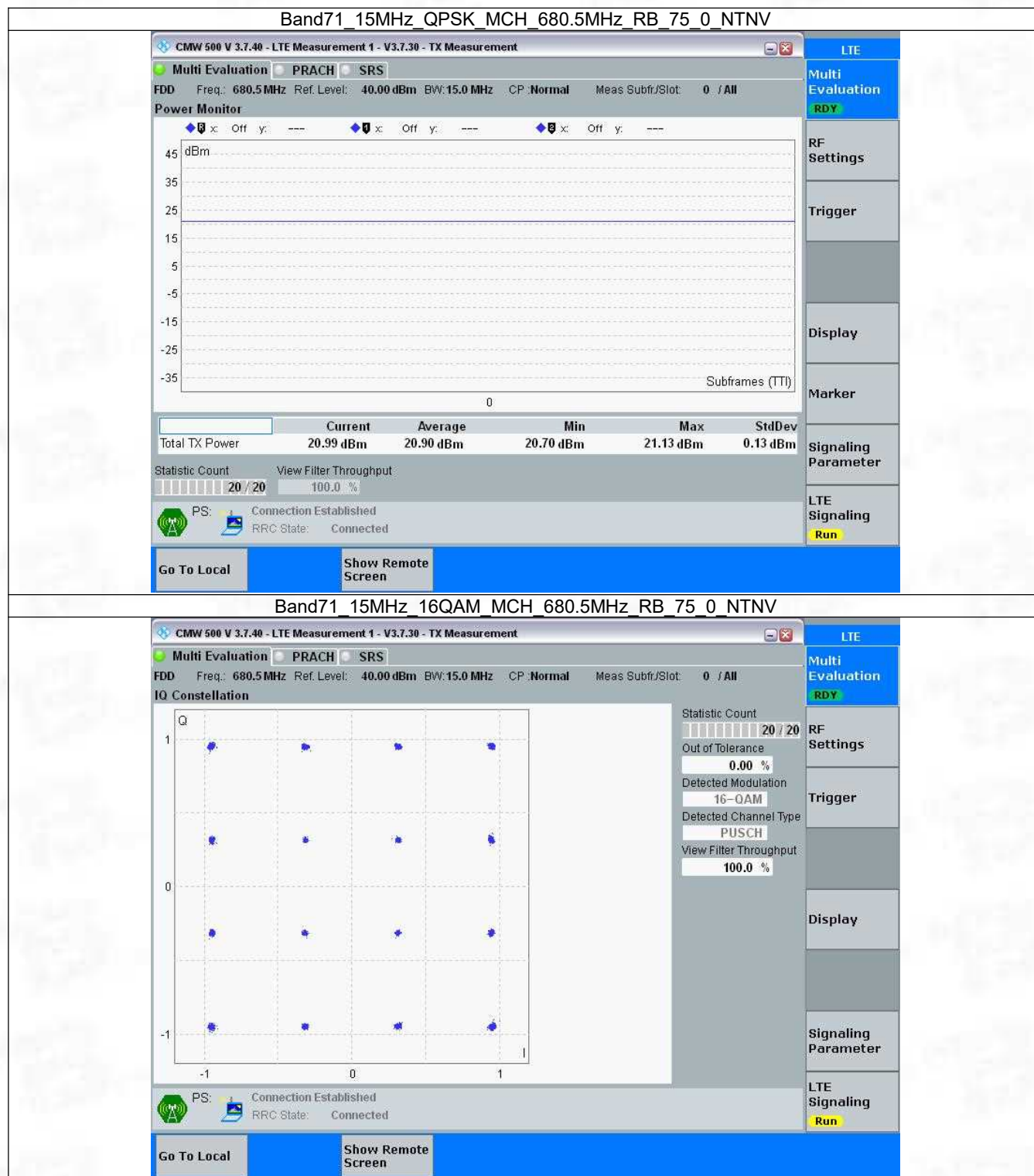
3.2.1 B71_5MHz



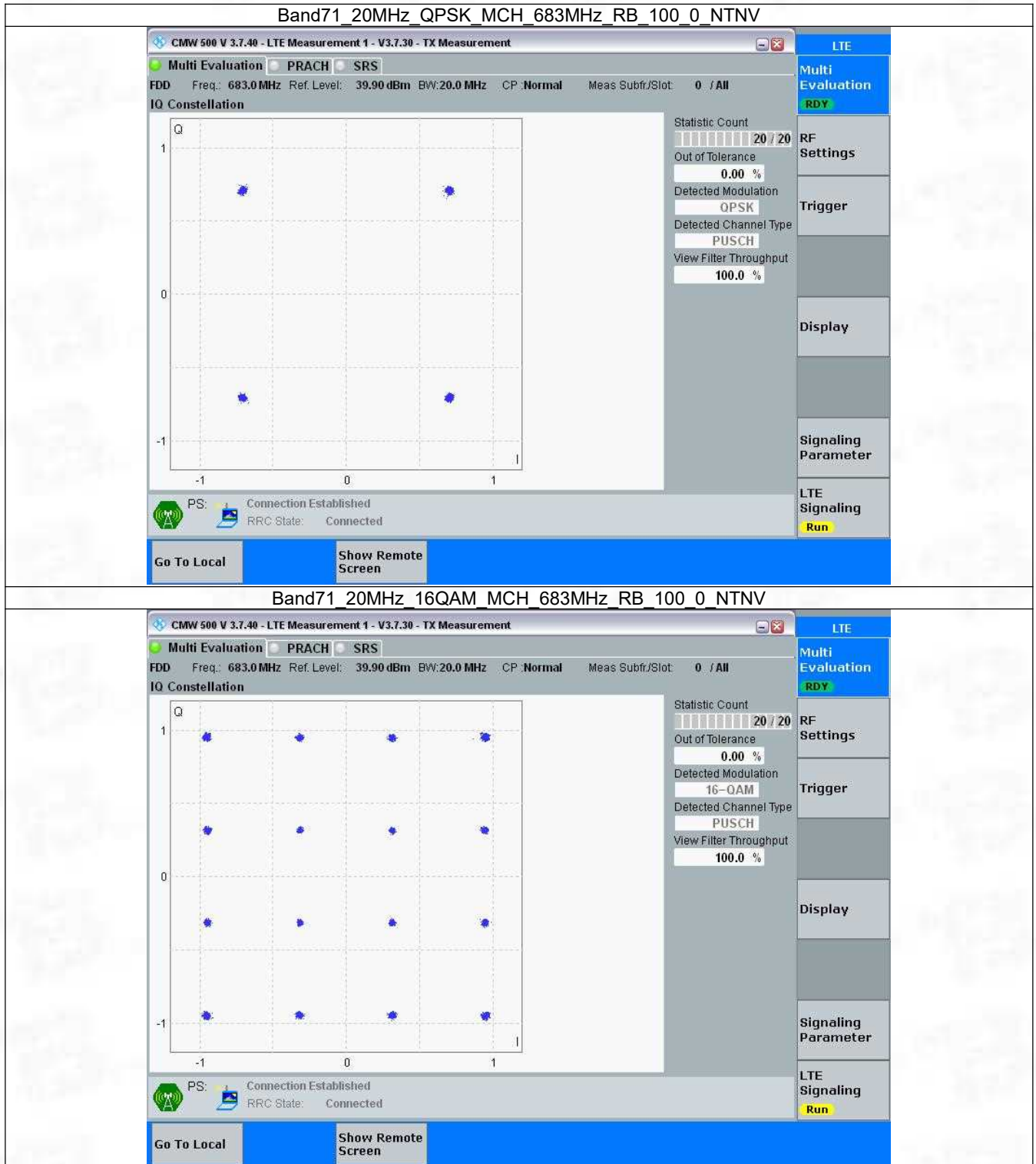
3.2.2 B71_10MHz



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	4.557	/	Pass
		680.5	25	0	4.584	/	Pass
		695.5	25	0	4.554	/	Pass
	16QAM	665.5	25	0	4.560	/	Pass
		680.5	25	0	4.549	/	Pass
		695.5	25	0	4.573	/	Pass
10	QPSK	668	50	0	9.031	/	Pass
		680.5	50	0	9.087	/	Pass
		693	50	0	9.119	/	Pass
	16QAM	668	50	0	9.023	/	Pass
		680.5	50	0	9.124	/	Pass
		693	50	0	9.096	/	Pass
15	QPSK	670.5	75	0	13.525	/	Pass
		680.5	75	0	13.710	/	Pass
		690.5	75	0	13.527	/	Pass
	16QAM	670.5	75	0	13.522	/	Pass
		680.5	75	0	13.762	/	Pass
		690.5	75	0	13.546	/	Pass
20	QPSK	673	100	0	18.154	/	Pass
		683	100	0	18.157	/	Pass
		688	100	0	18.061	/	Pass
	16QAM	673	100	0	18.079	/	Pass
		683	100	0	18.216	/	Pass
		688	100	0	18.101	/	Pass

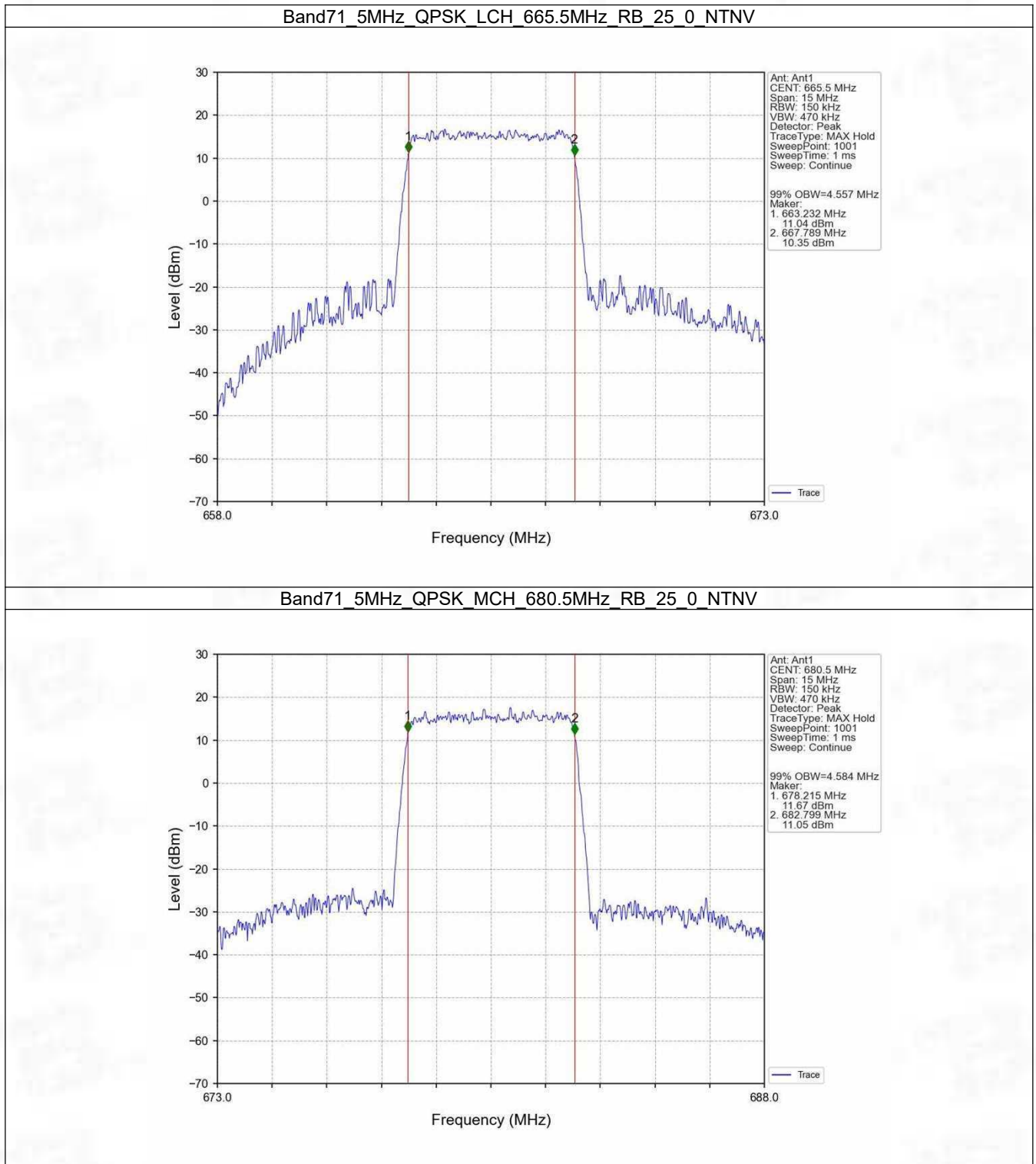
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.034	/	Pass
		680.5	25	0	5.041	/	Pass
		695.5	25	0	5.030	/	Pass
	16QAM	665.5	25	0	5.067	/	Pass
		680.5	25	0	5.051	/	Pass
		695.5	25	0	5.094	/	Pass
10	QPSK	668	50	0	9.945	/	Pass
		680.5	50	0	10.062	/	Pass
		693	50	0	10.077	/	Pass
	16QAM	668	50	0	10.001	/	Pass
		680.5	50	0	10.085	/	Pass
		693	50	0	10.048	/	Pass
15	QPSK	670.5	75	0	15.102	/	Pass
		680.5	75	0	15.289	/	Pass
		690.5	75	0	15.131	/	Pass

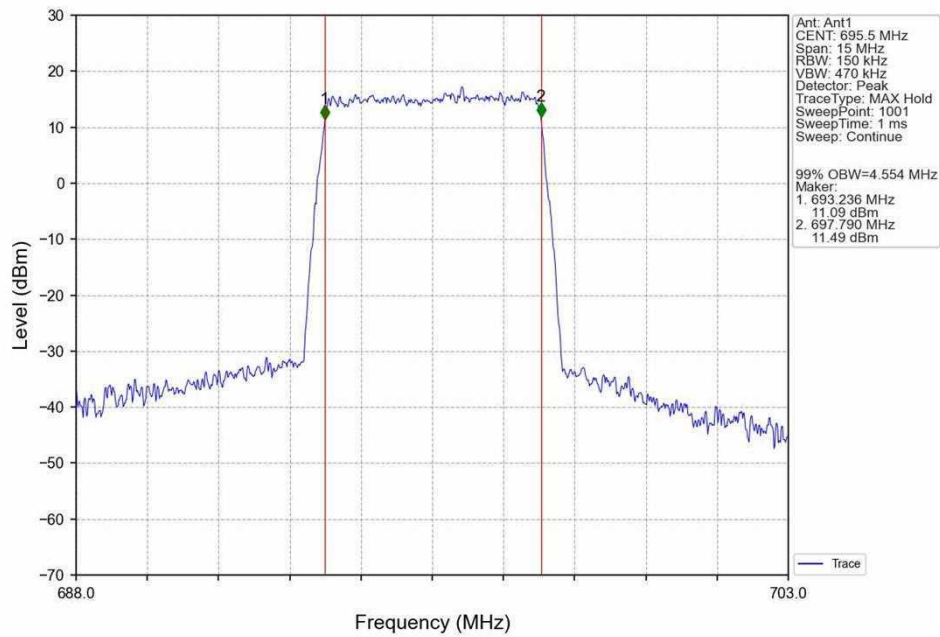
	16QAM	670.5	75	0	15.066	/	Pass
		680.5	75	0	15.179	/	Pass
		690.5	75	0	15.240	/	Pass
20	QPSK	673	100	0	19.811	/	Pass
		683	100	0	20.216	/	Pass
		688	100	0	19.874	/	Pass
	16QAM	673	100	0	19.985	/	Pass
		683	100	0	20.081	/	Pass
		688	100	0	19.868	/	Pass

4.2 Test Graph

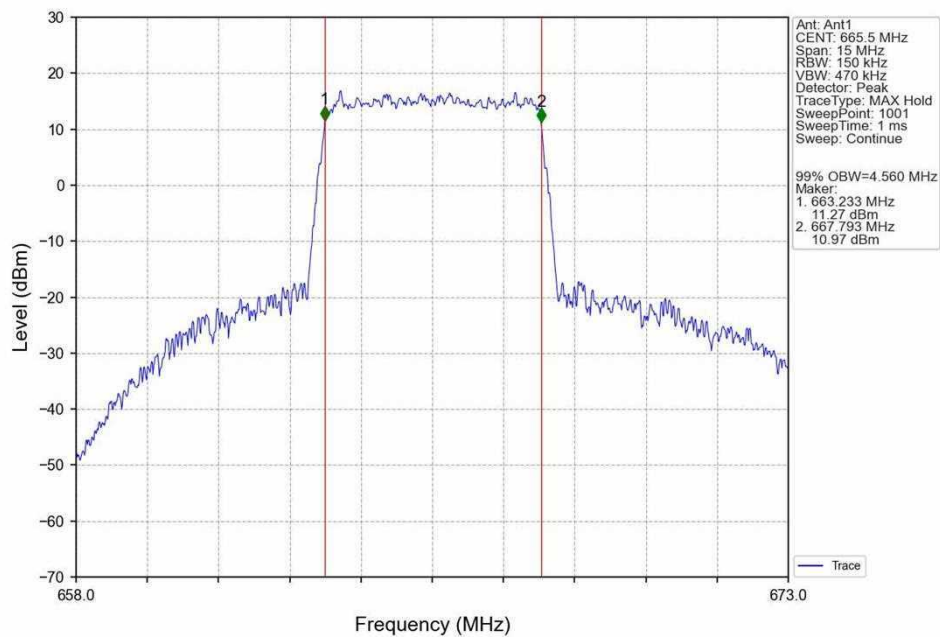
4.2.1 Band71_OBW



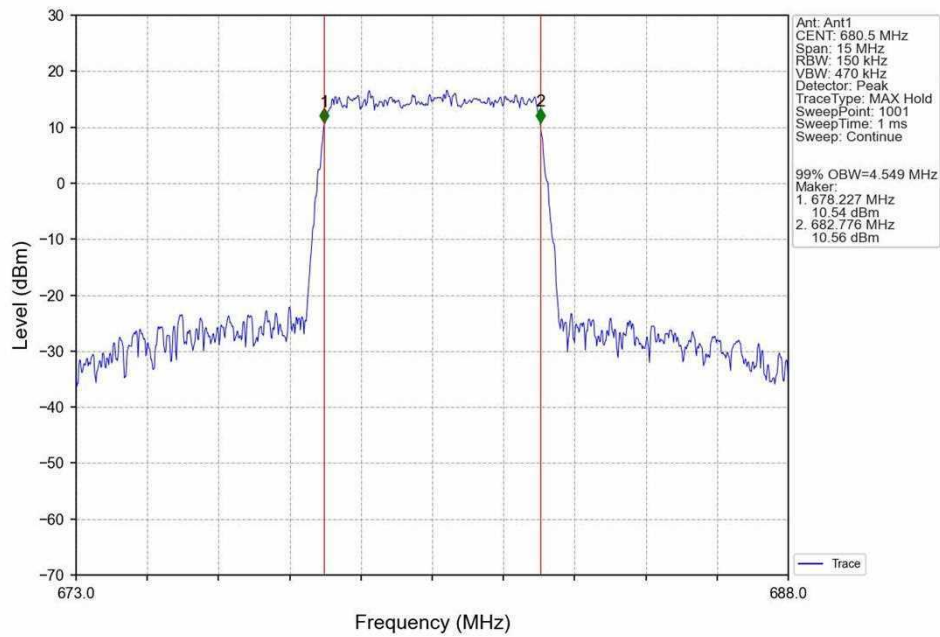
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



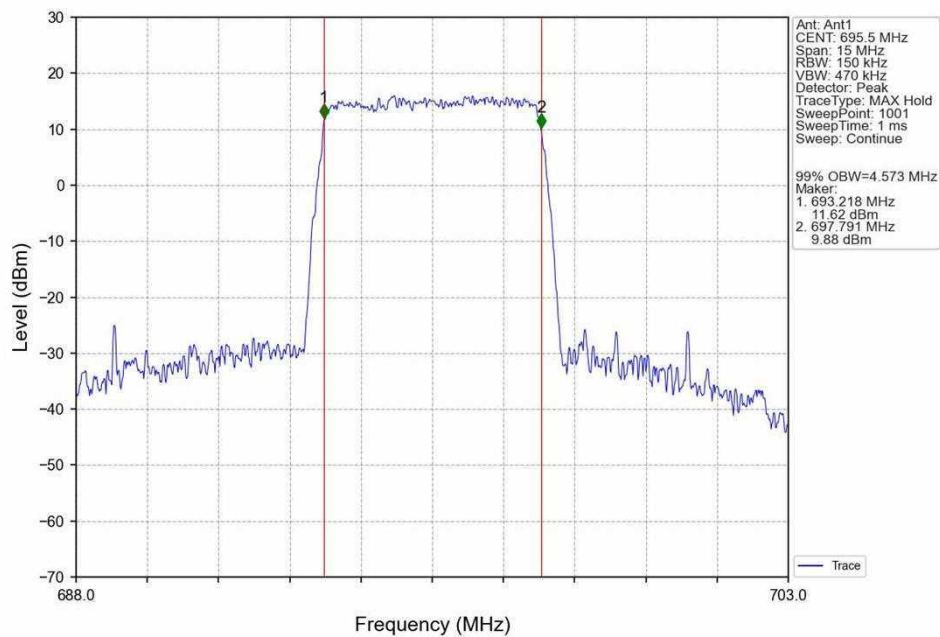
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



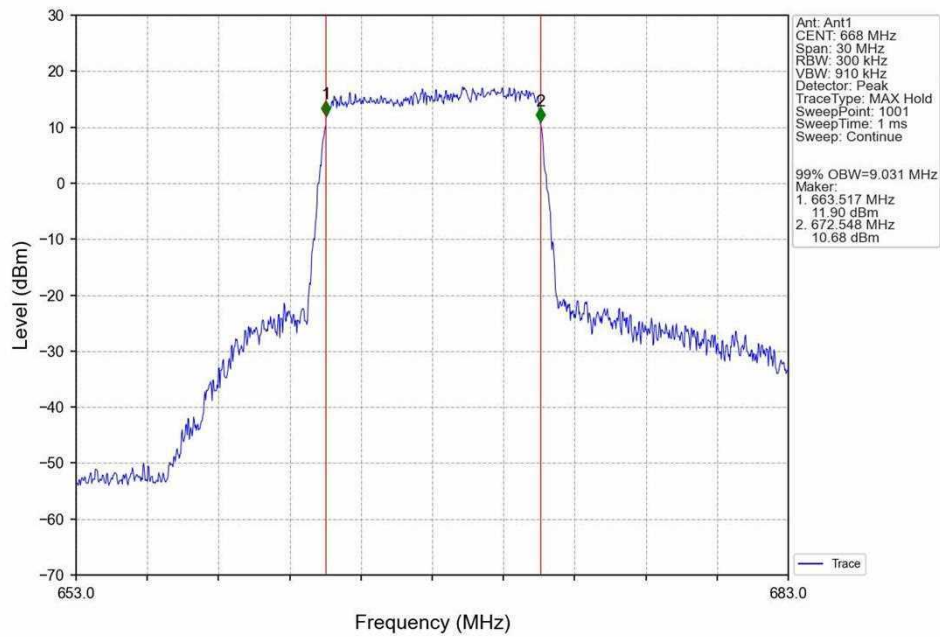
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



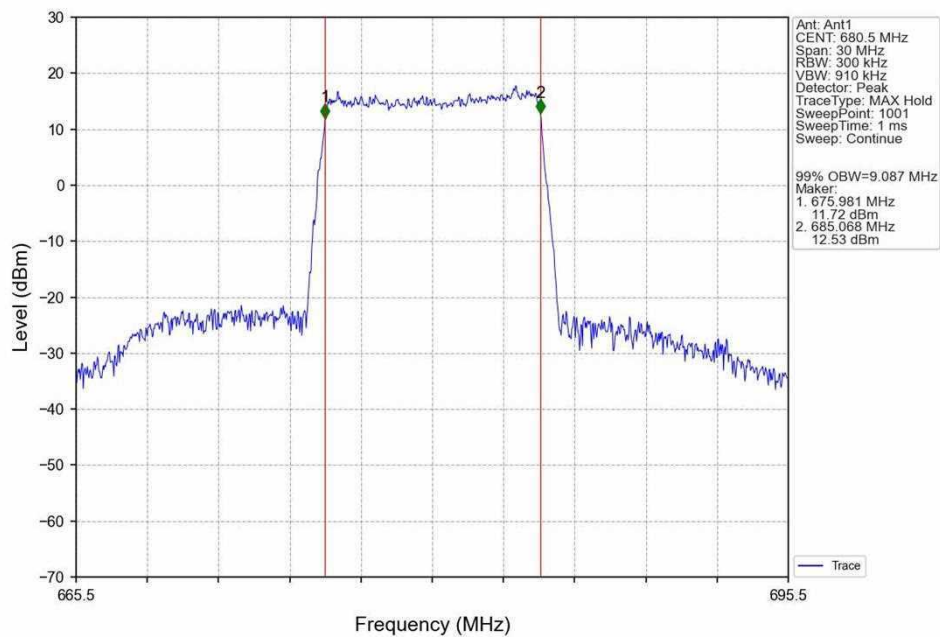
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



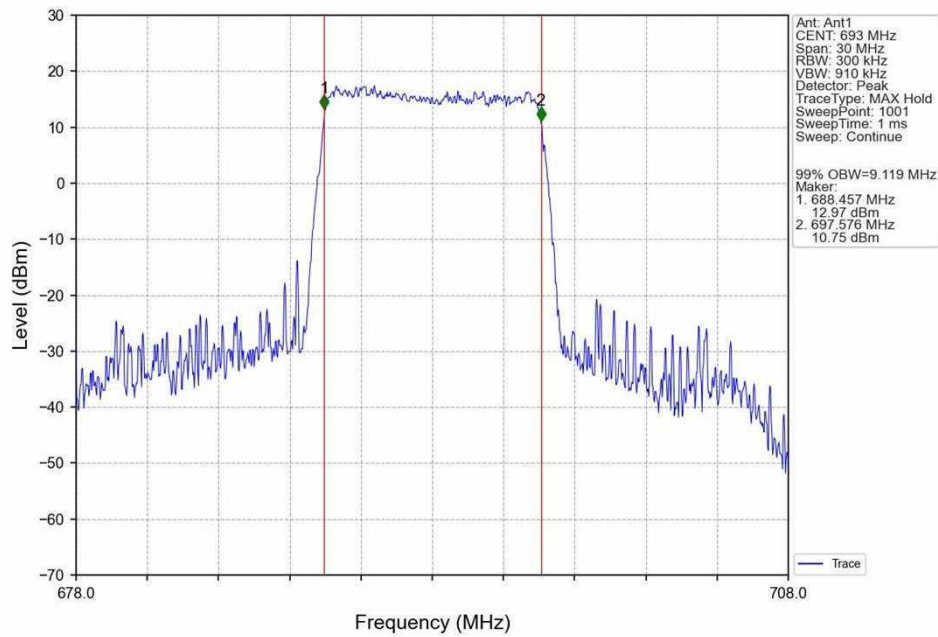
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



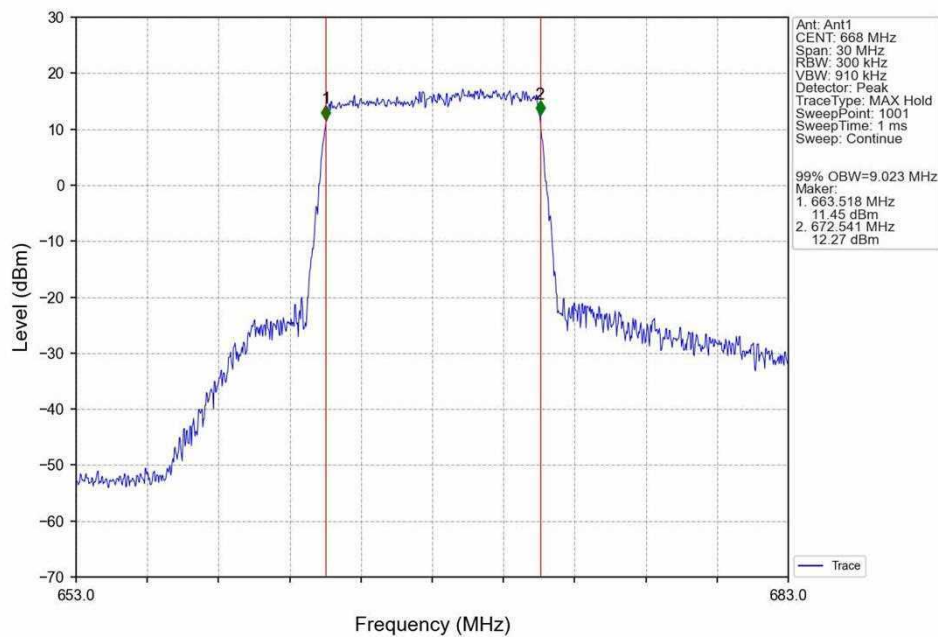
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



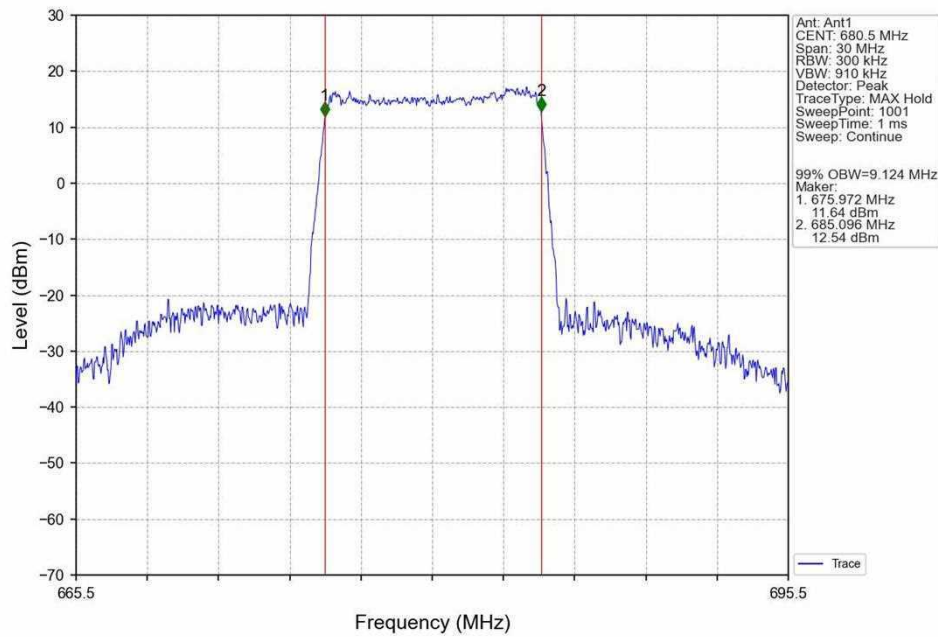
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



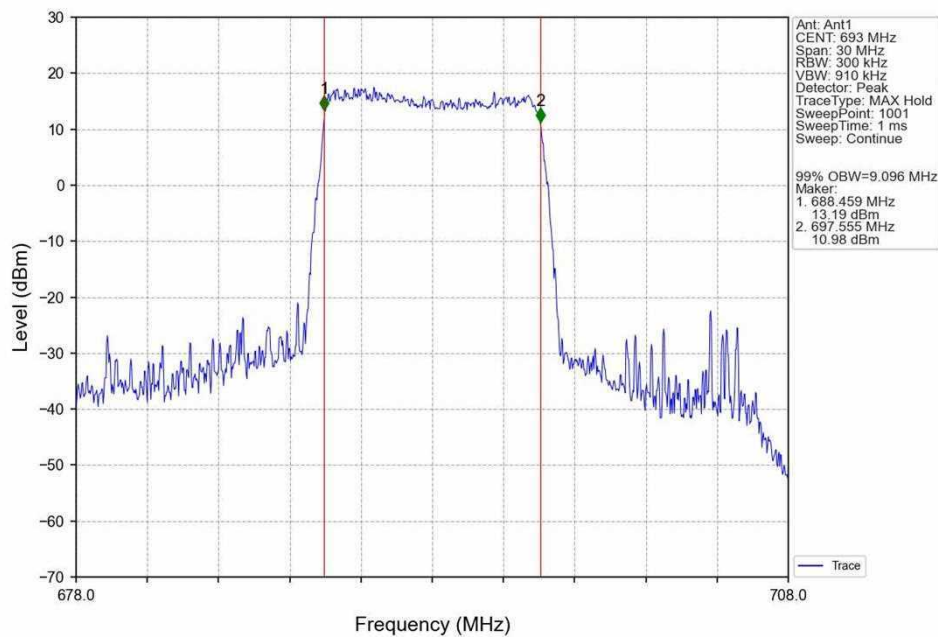
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



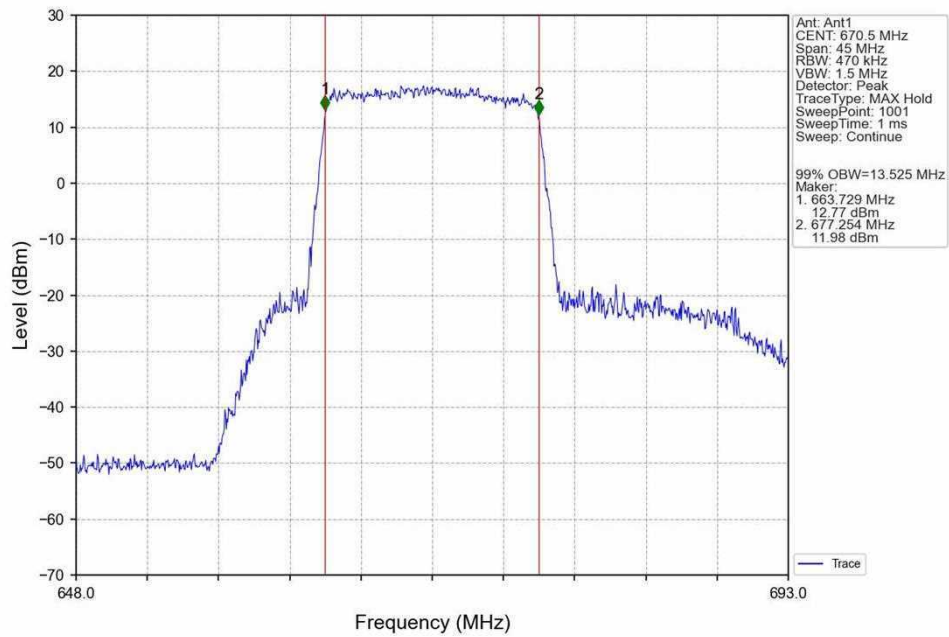
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



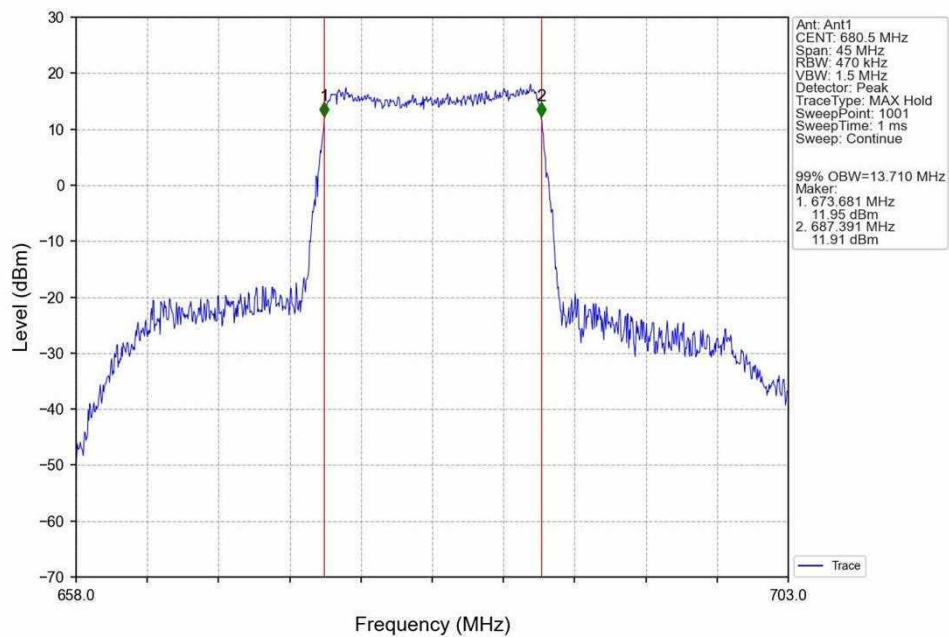
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



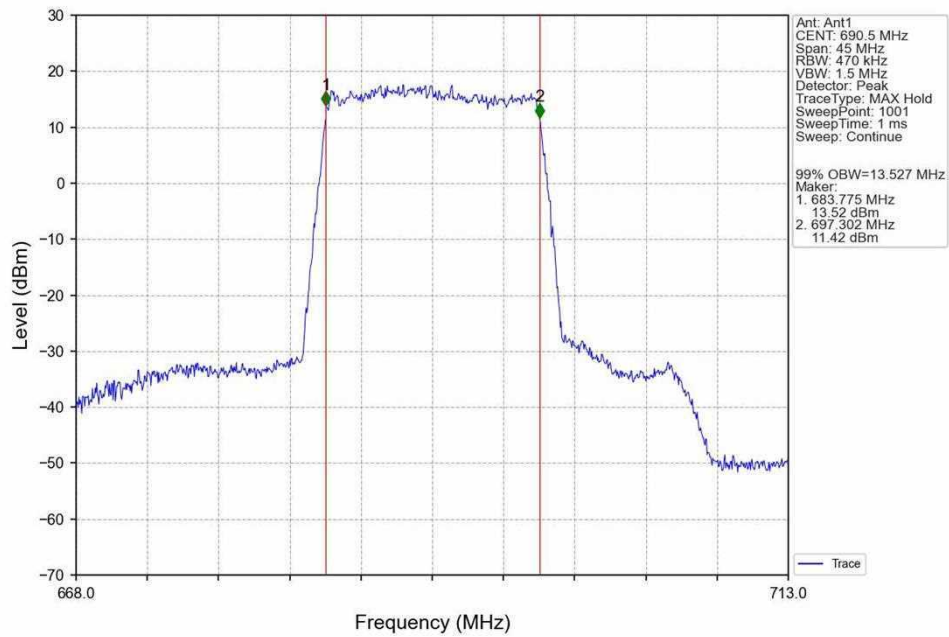
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



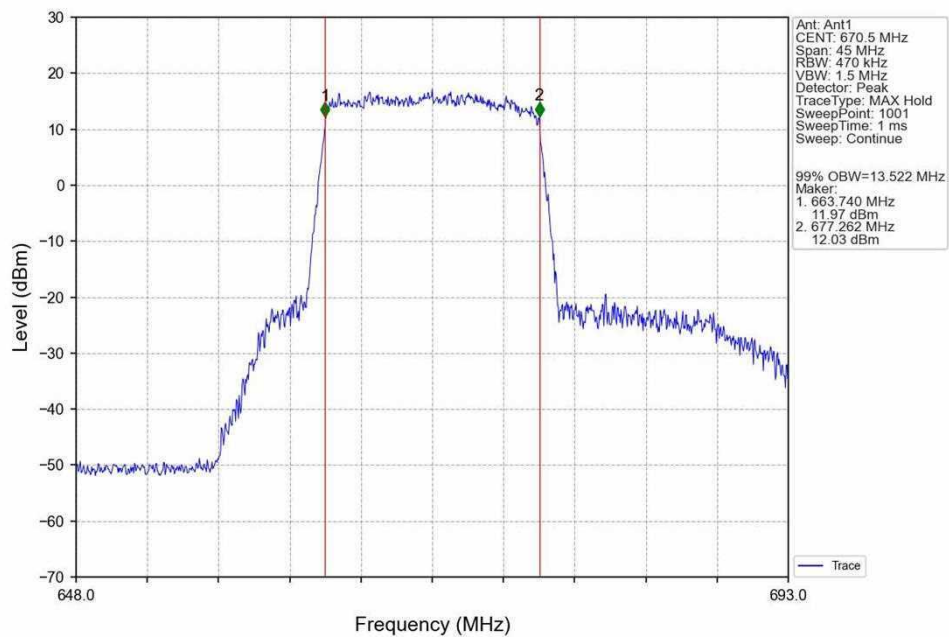
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



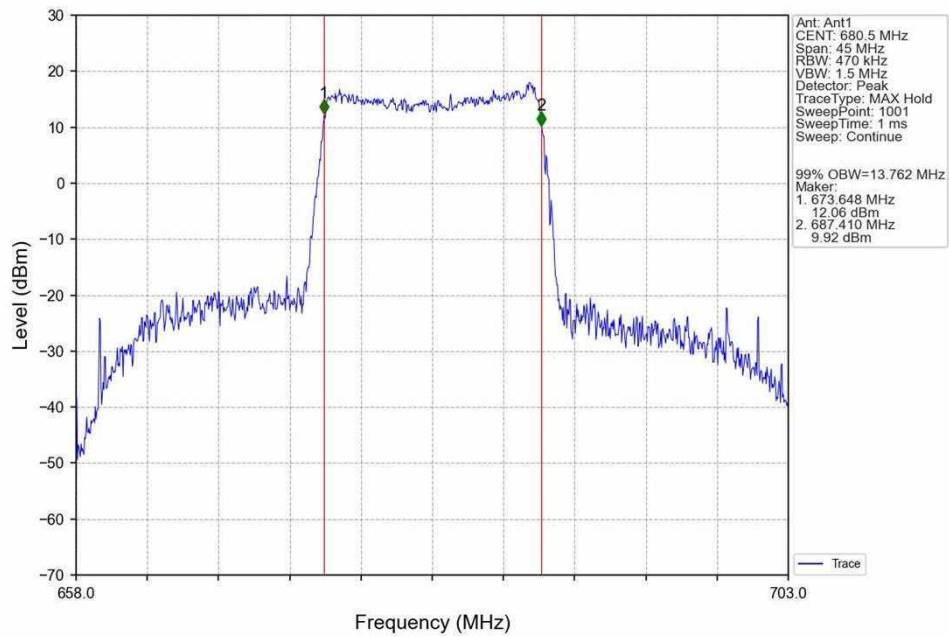
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



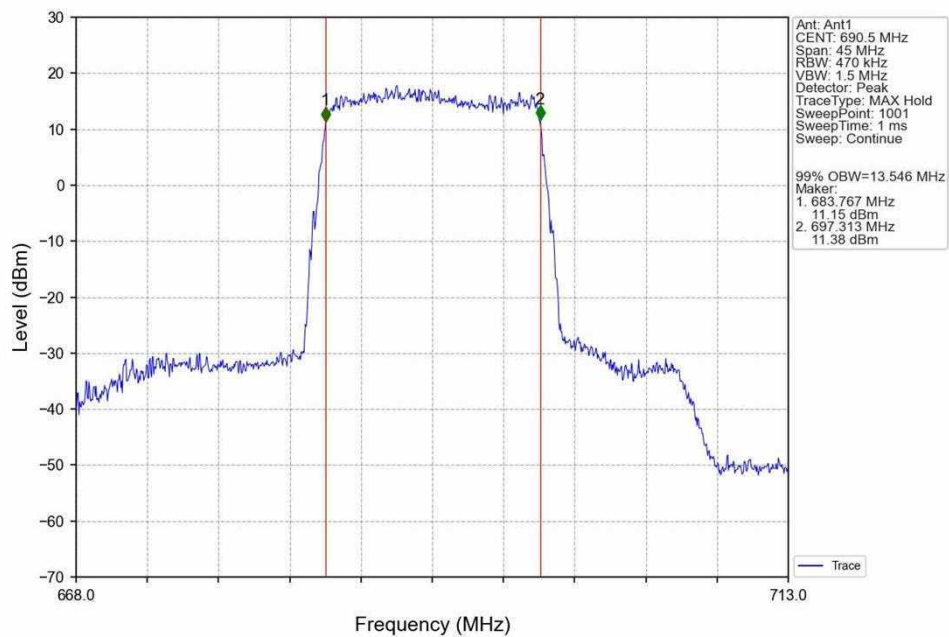
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



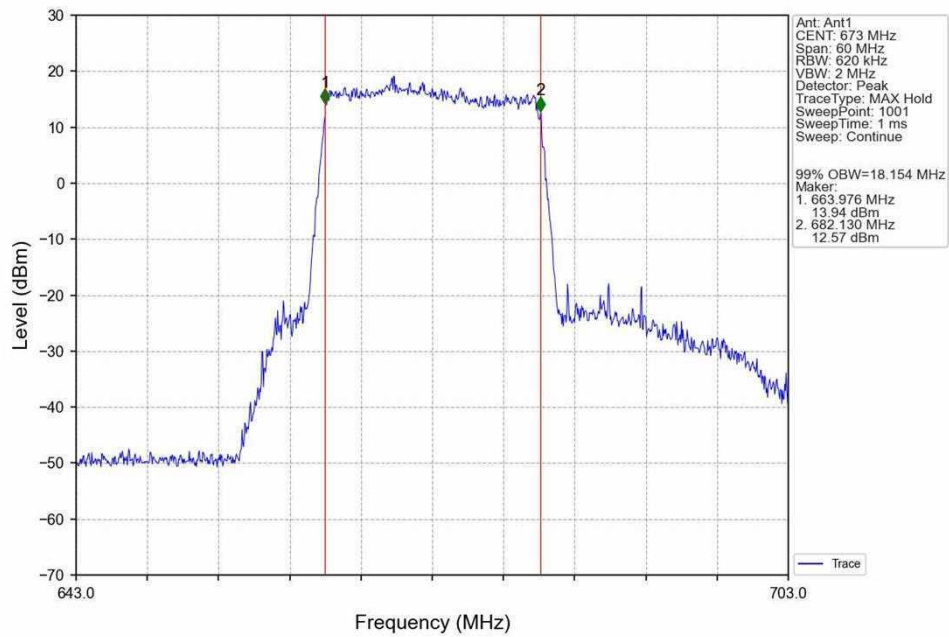
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



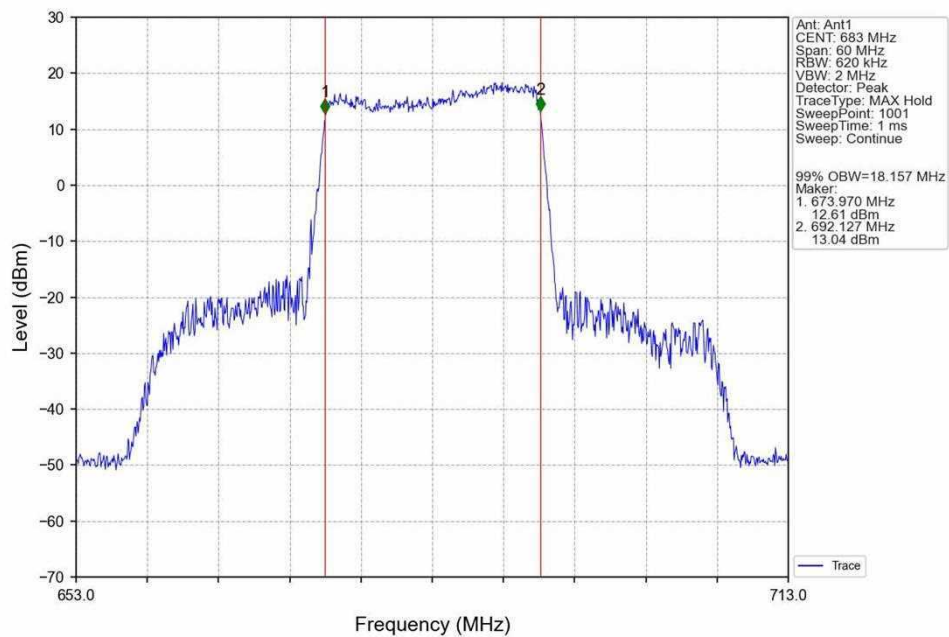
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



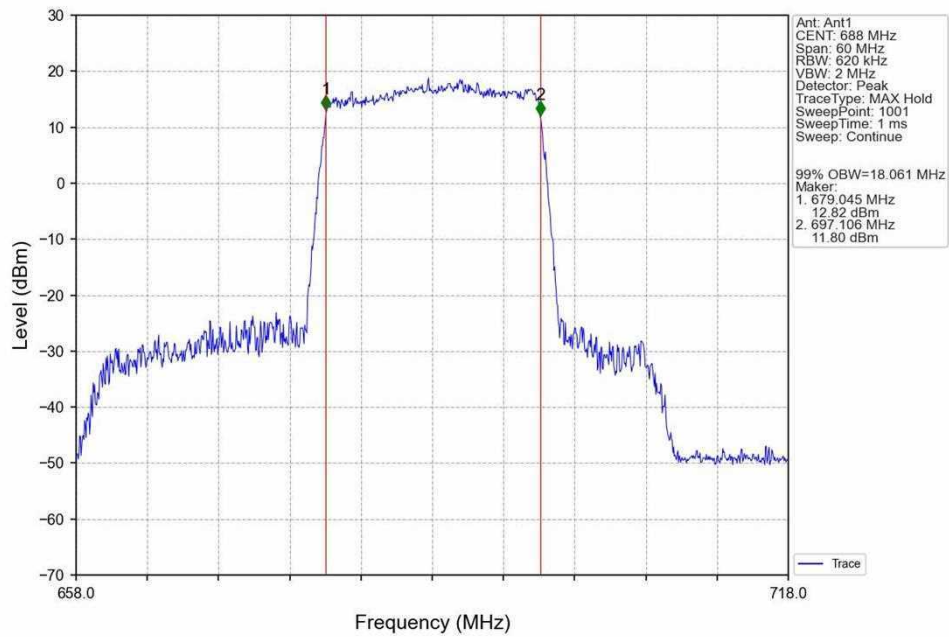
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



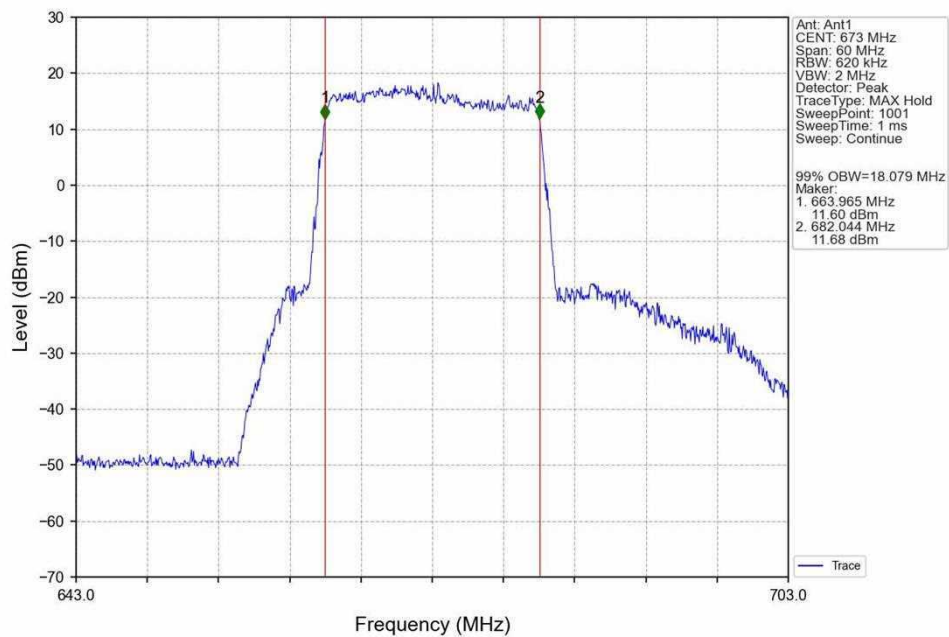
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



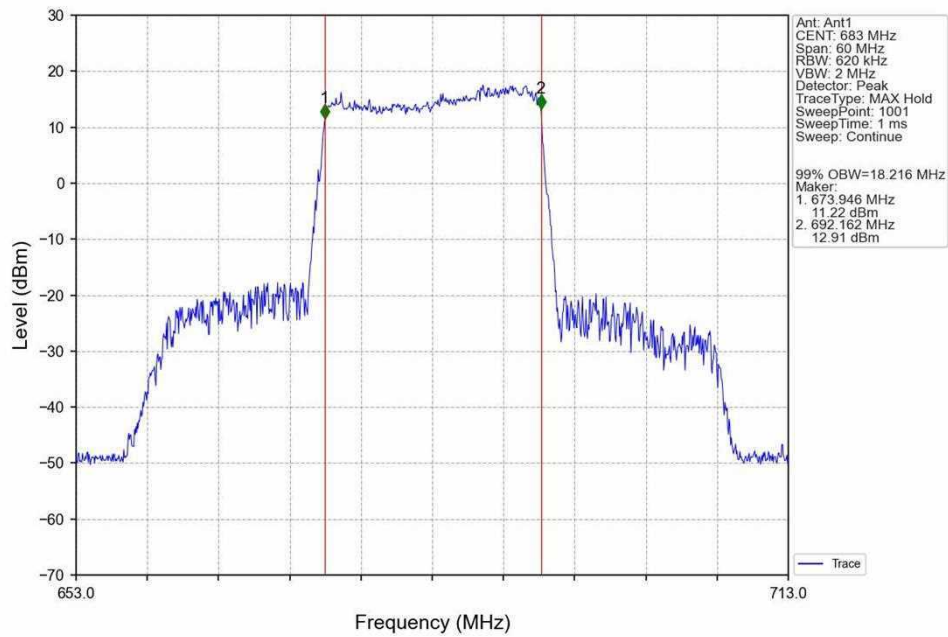
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



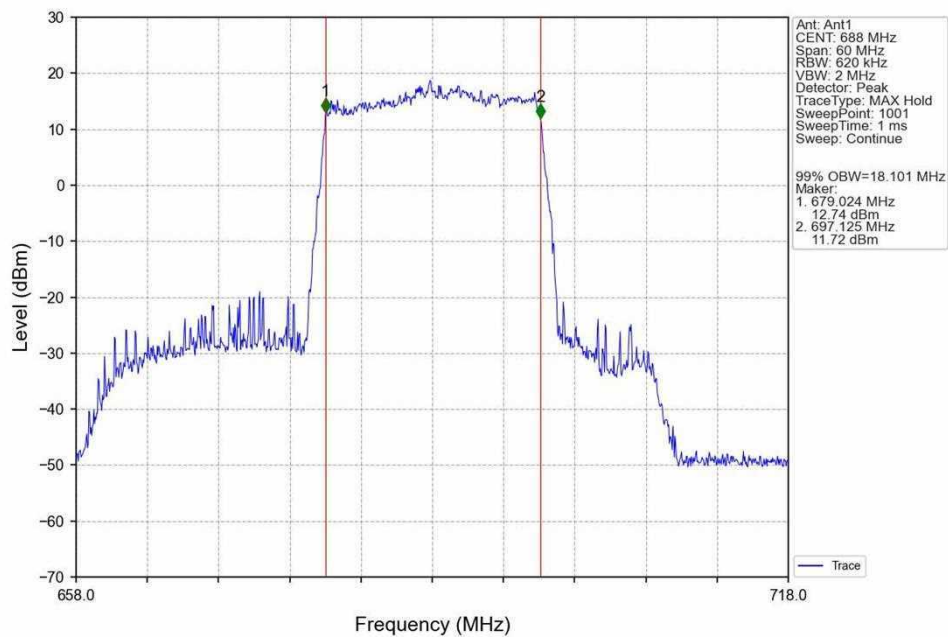
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



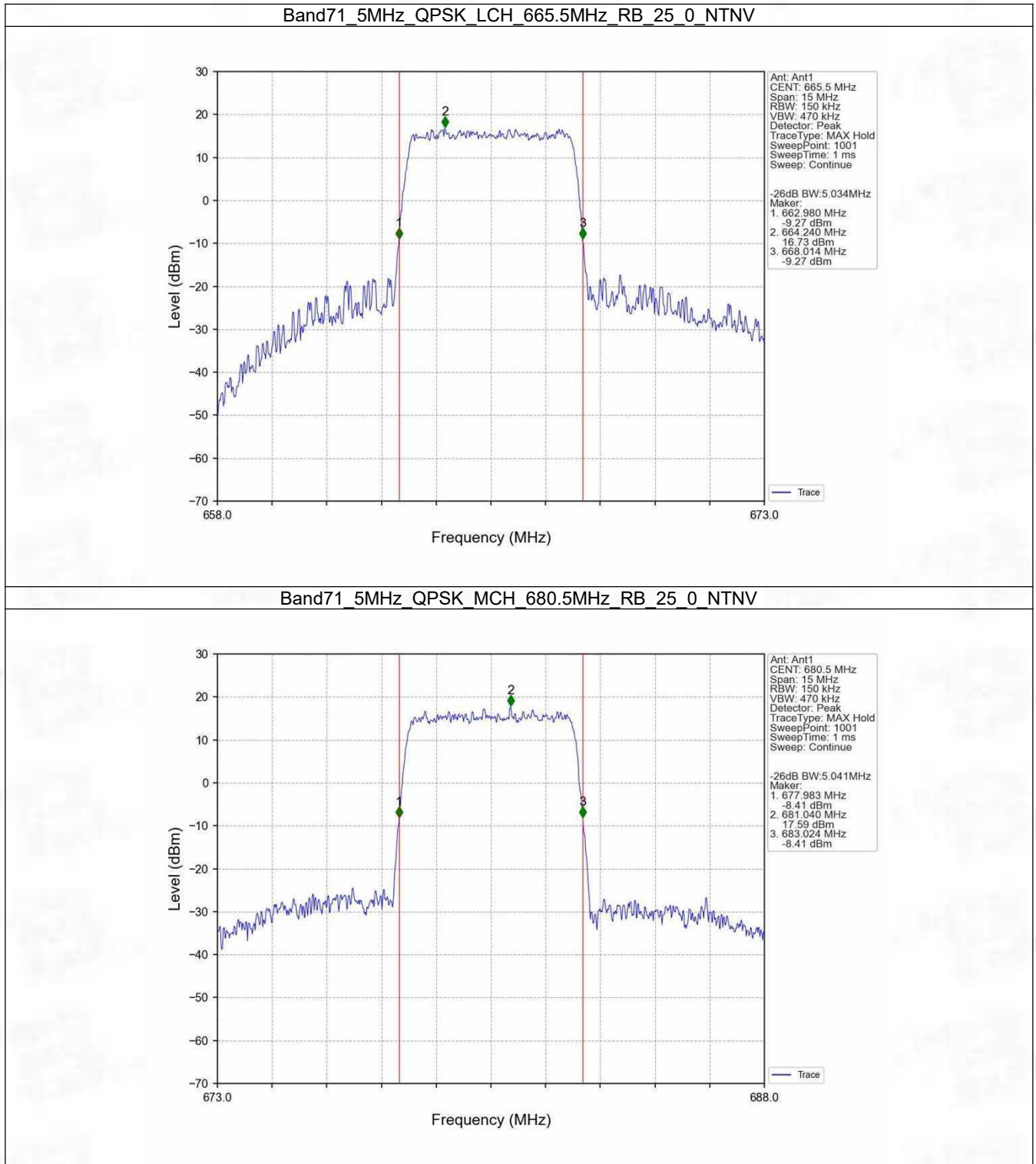
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



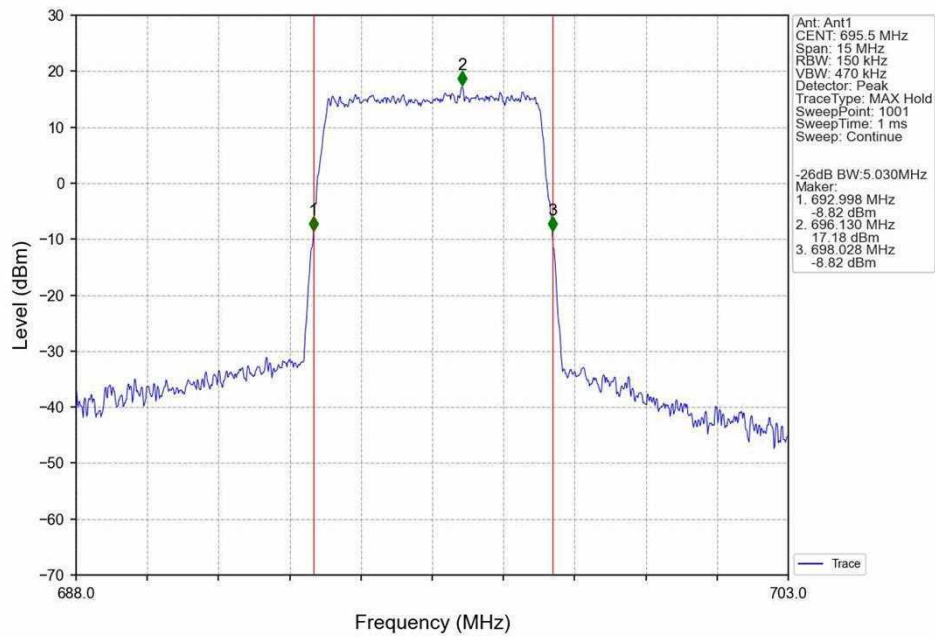
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



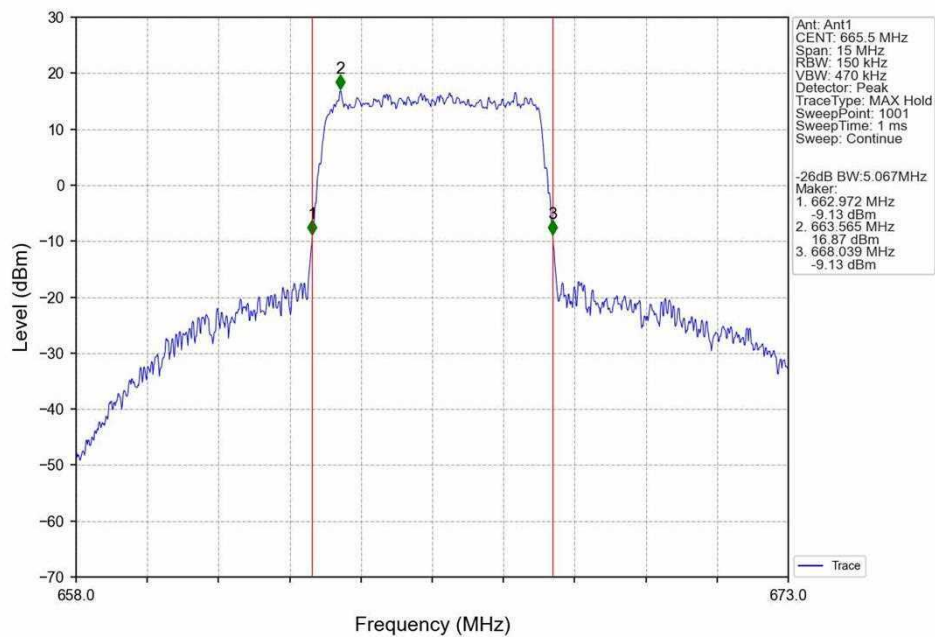
4.2.2 Band71_XDB



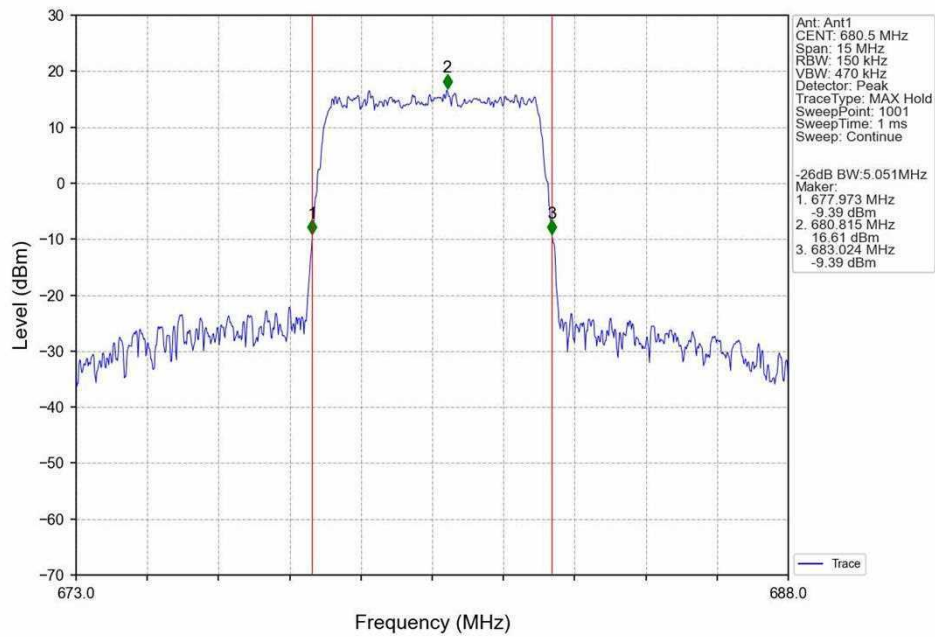
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



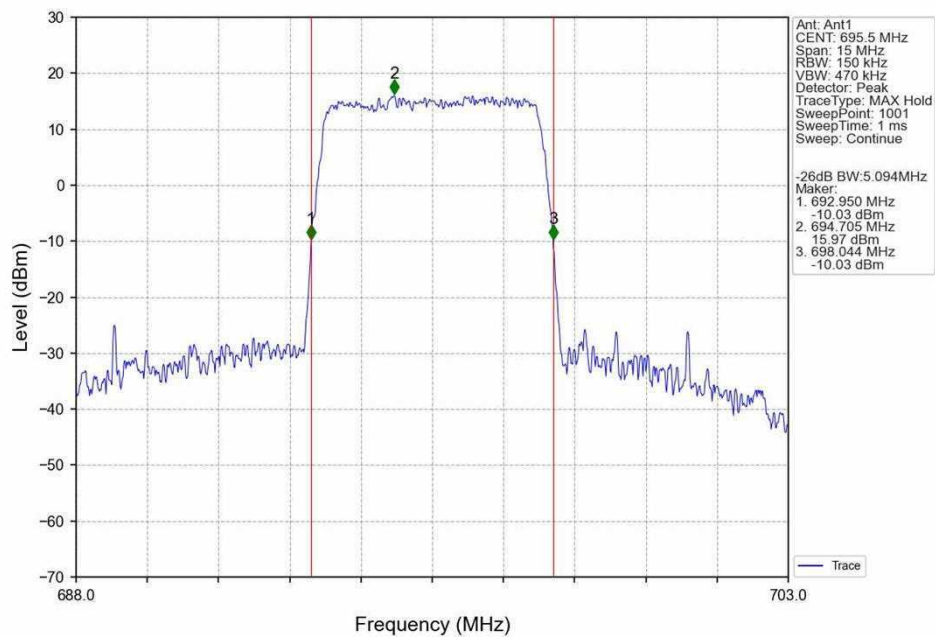
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



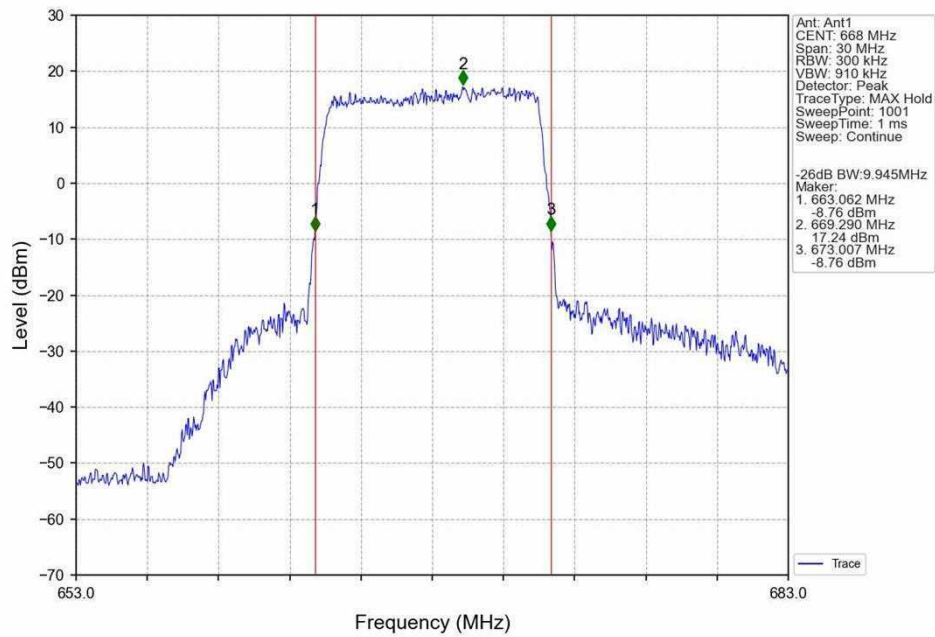
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



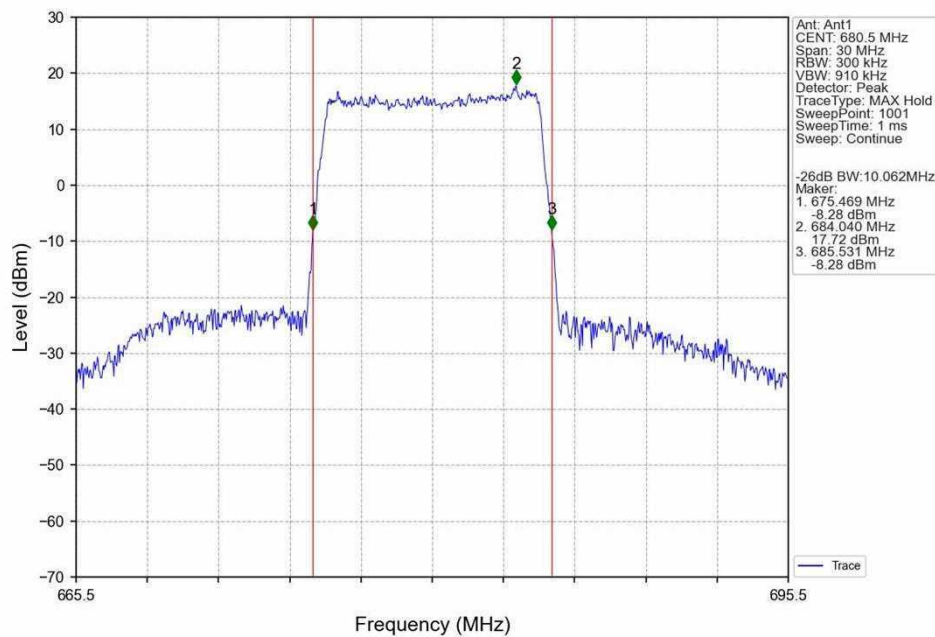
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



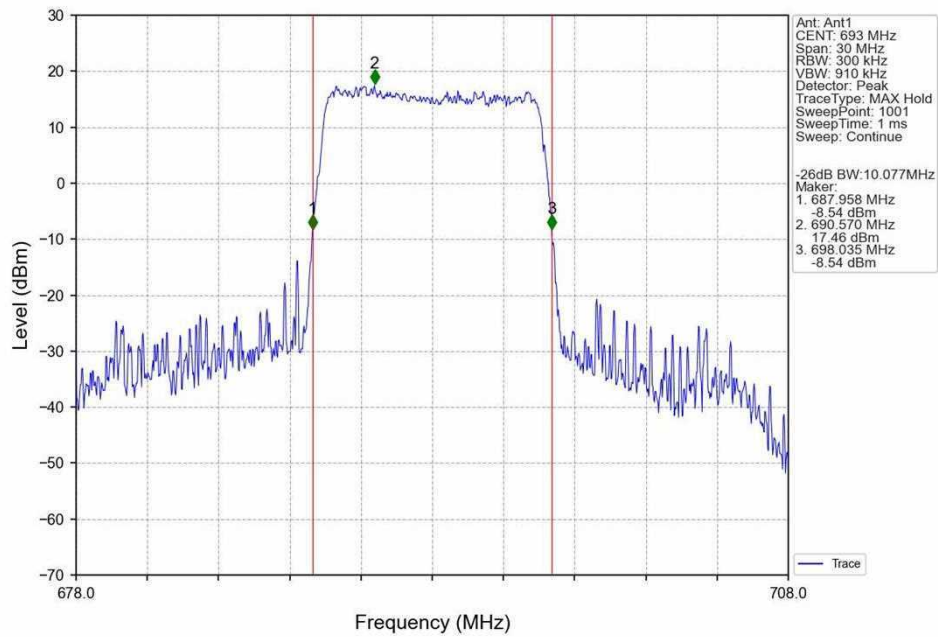
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



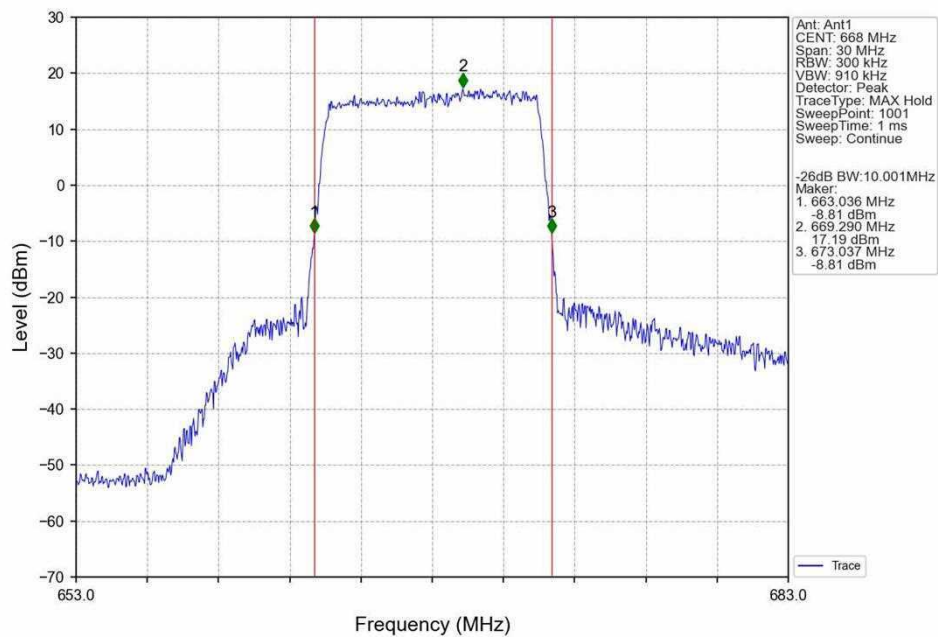
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



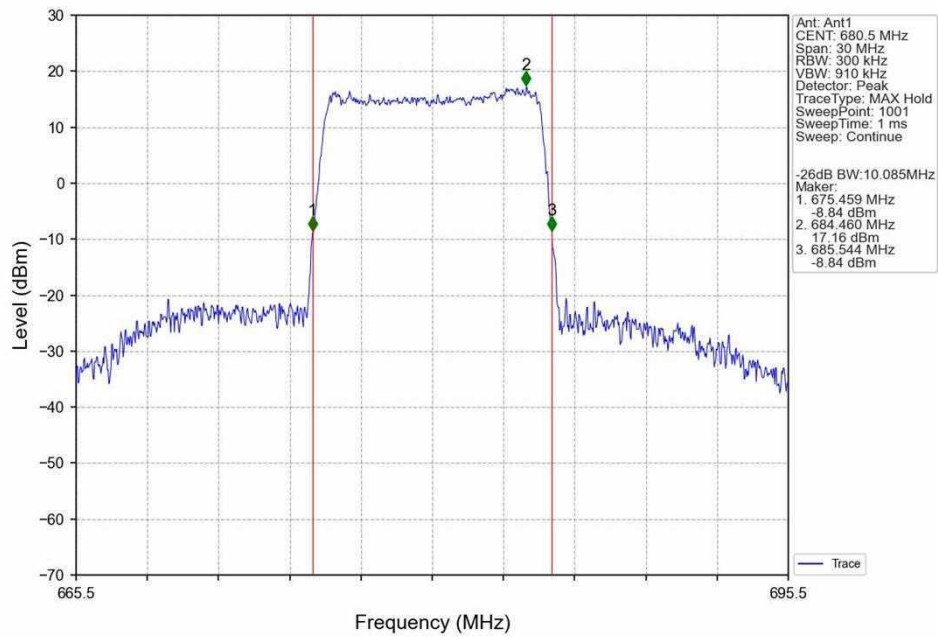
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



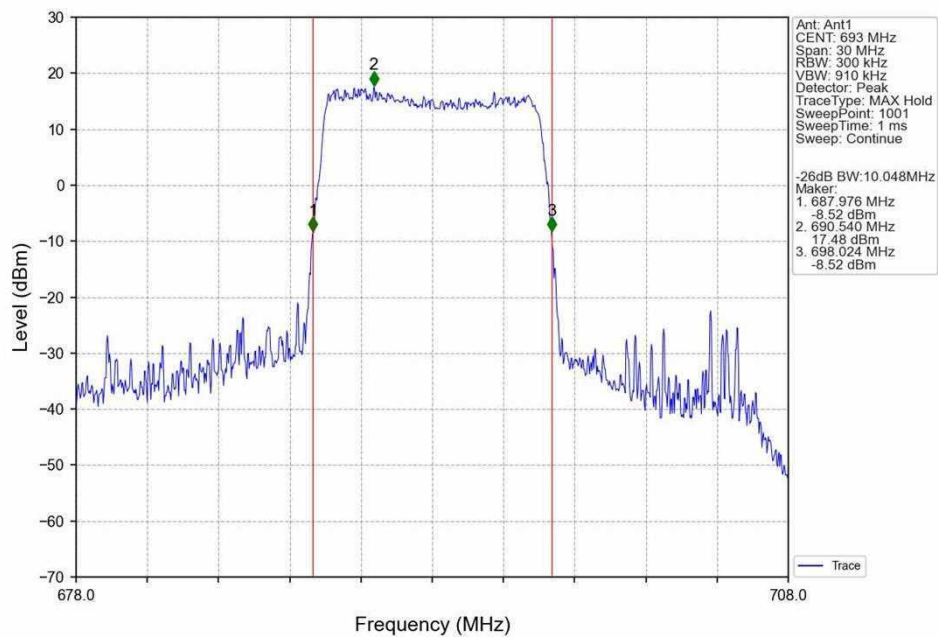
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



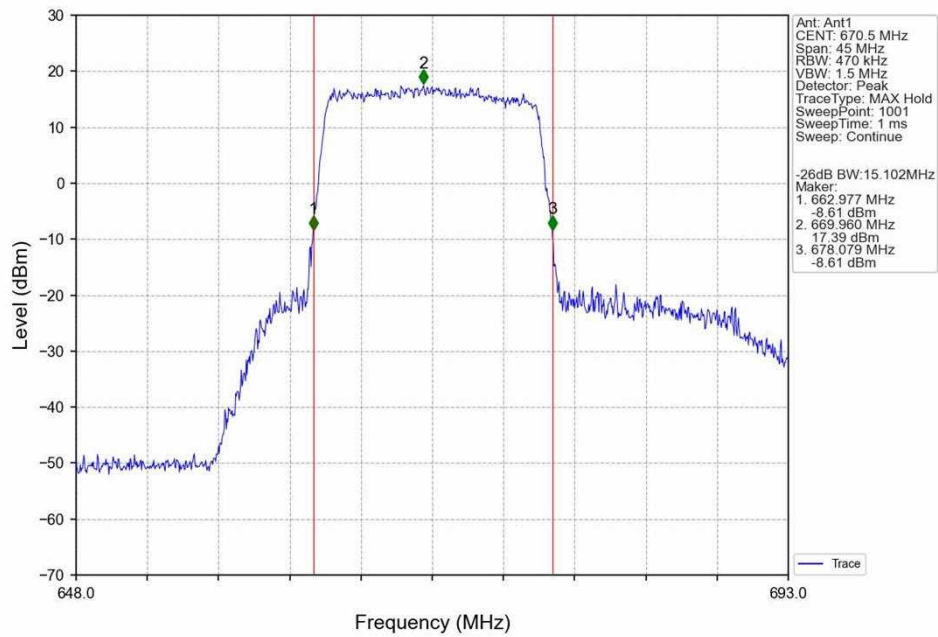
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



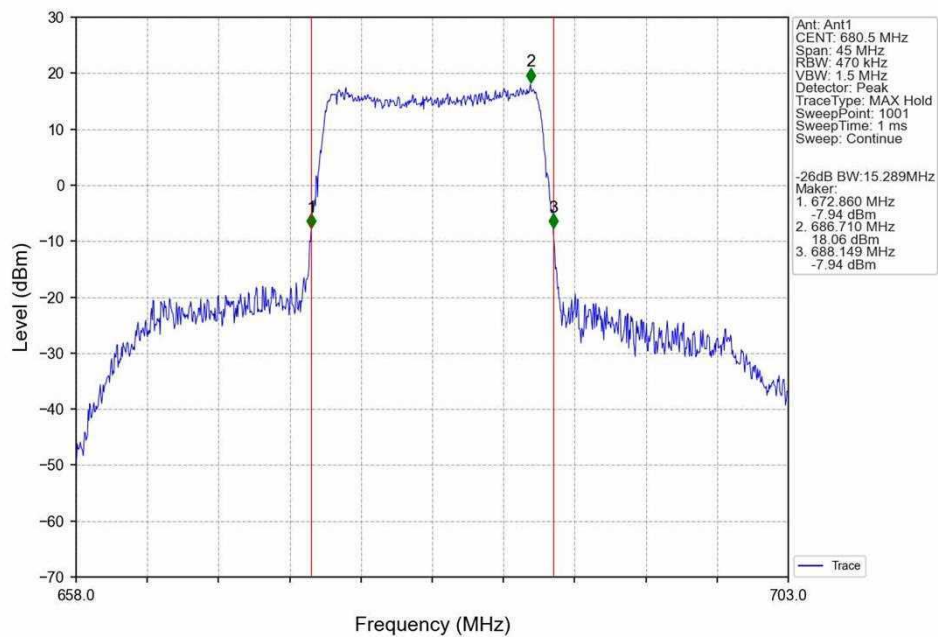
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



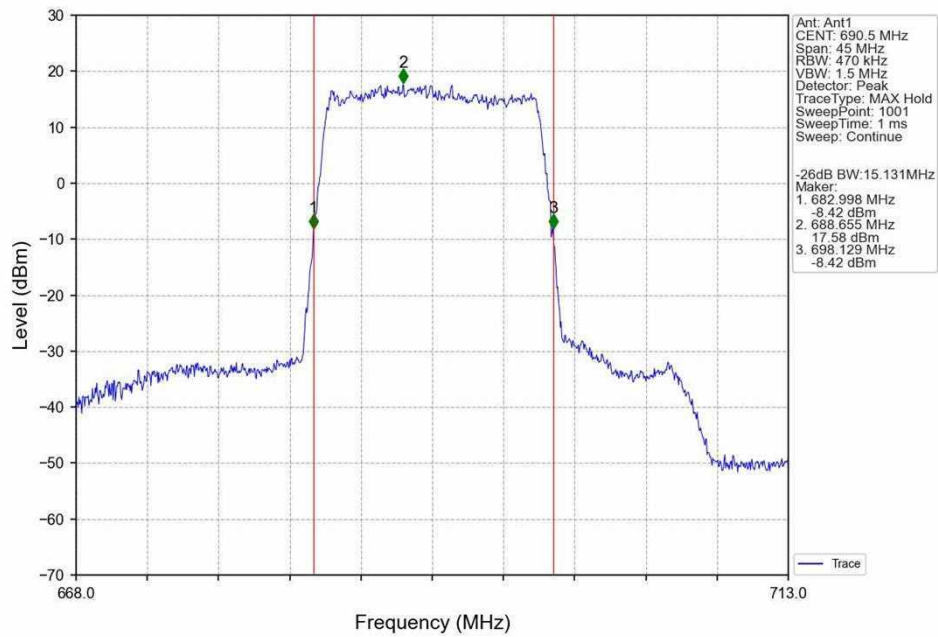
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



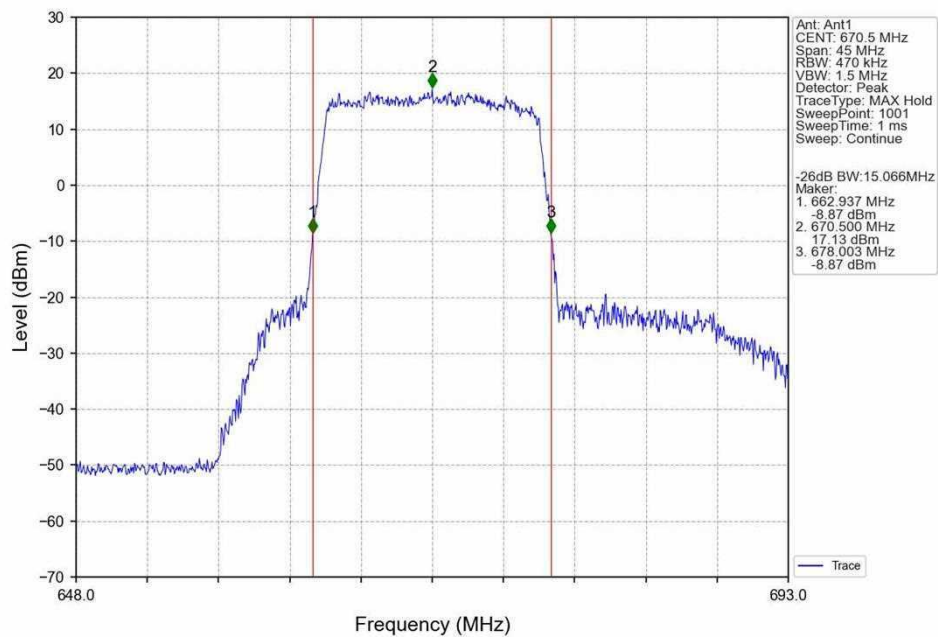
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



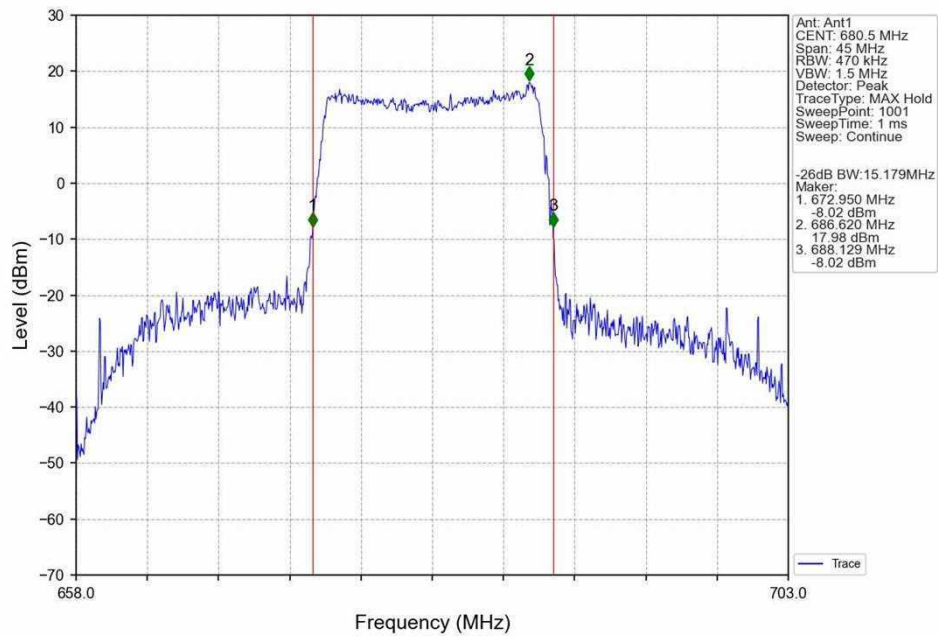
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



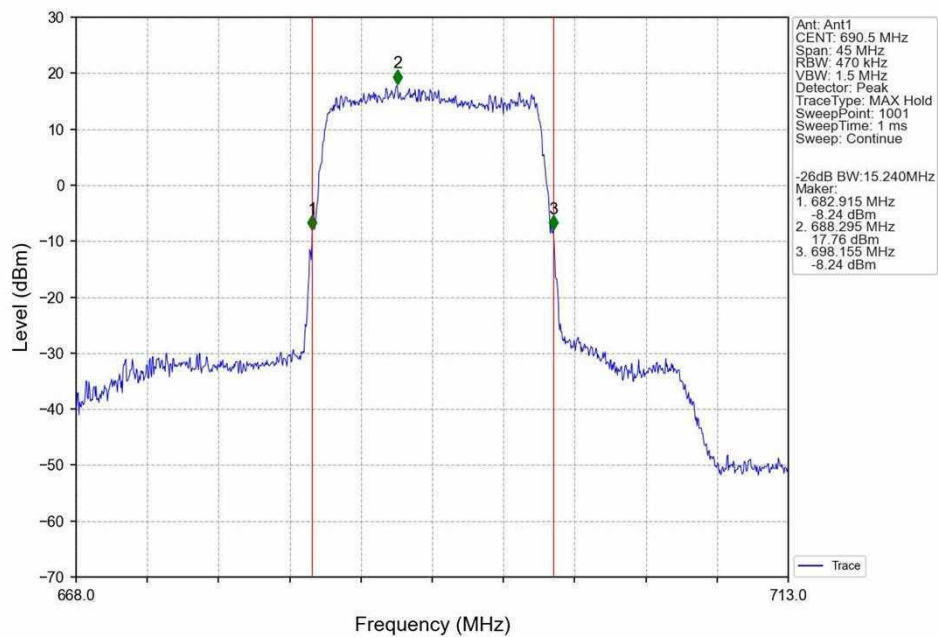
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



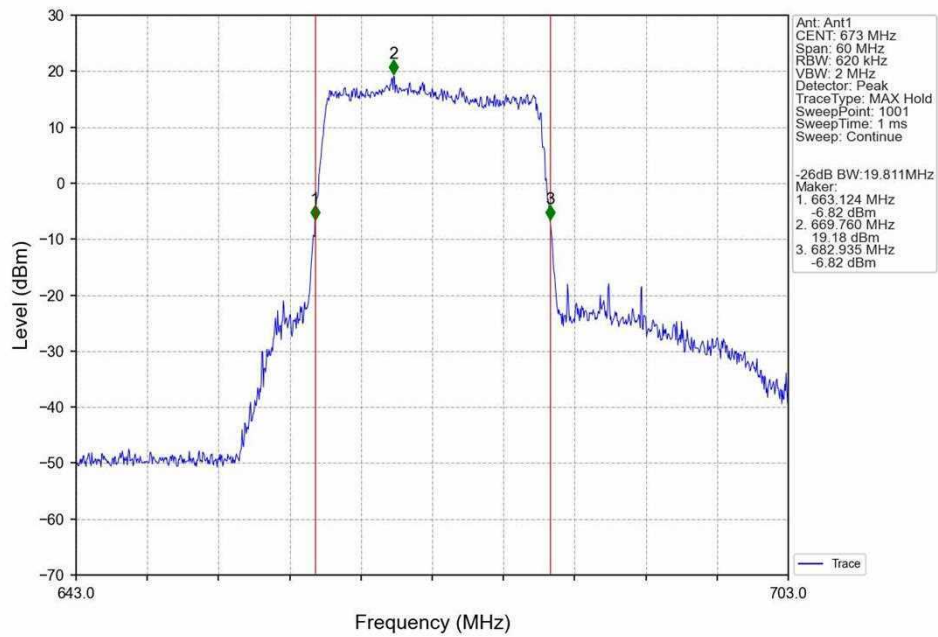
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



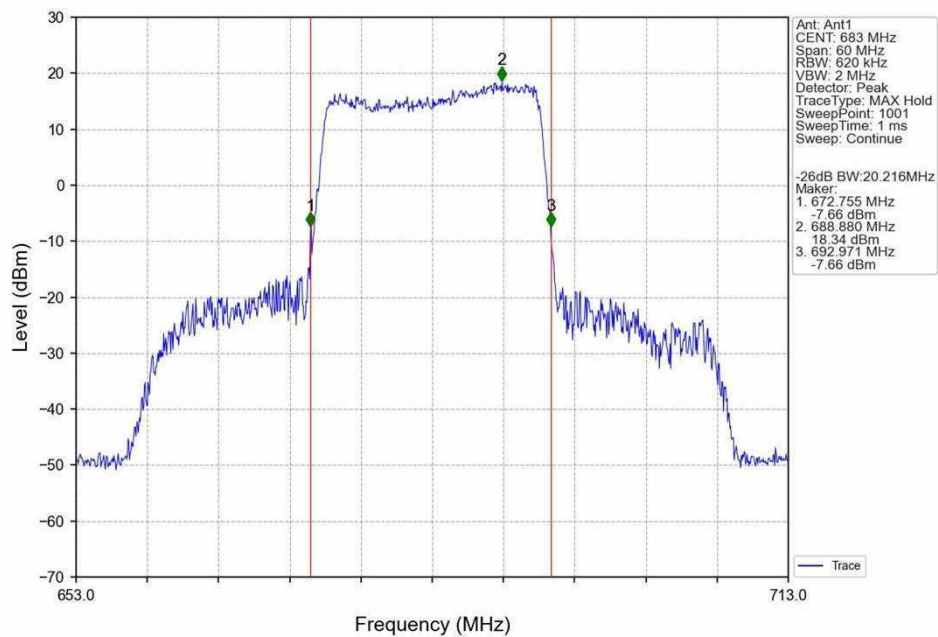
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



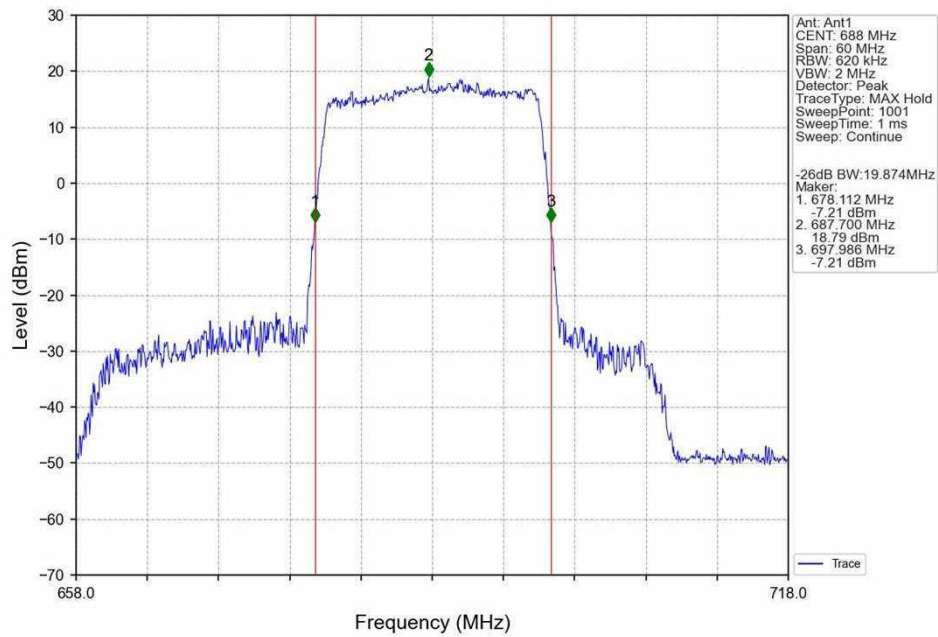
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



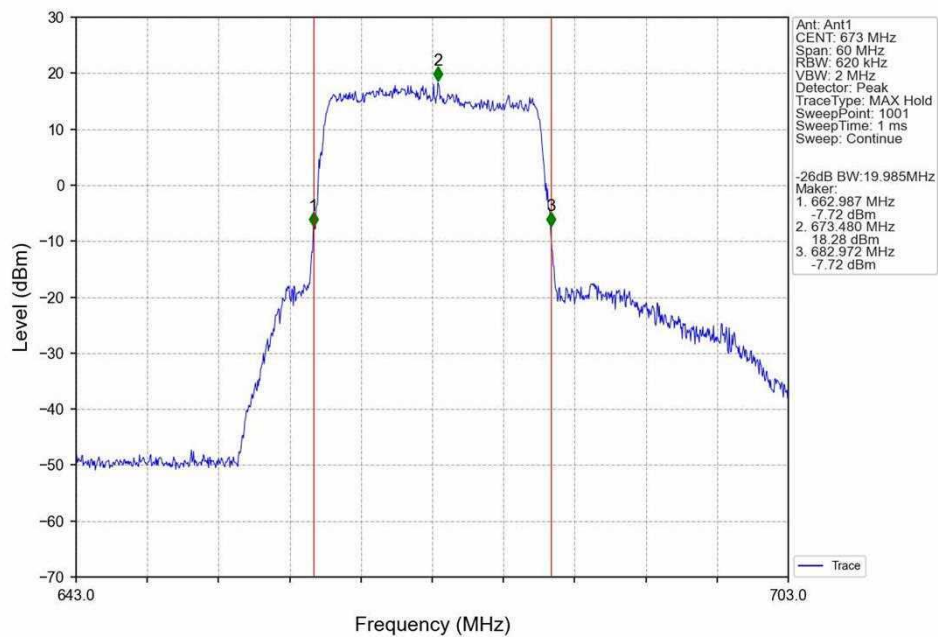
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



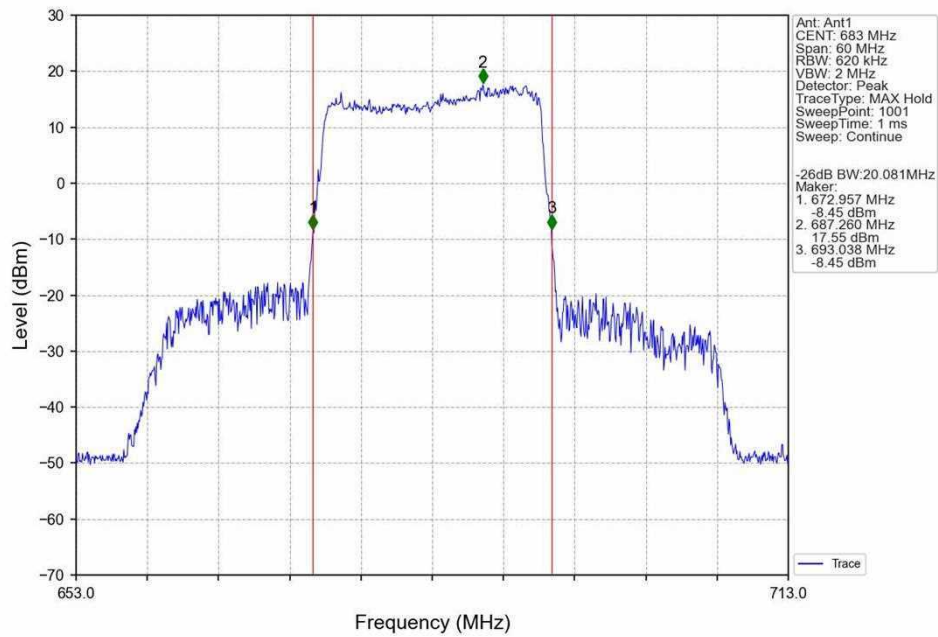
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



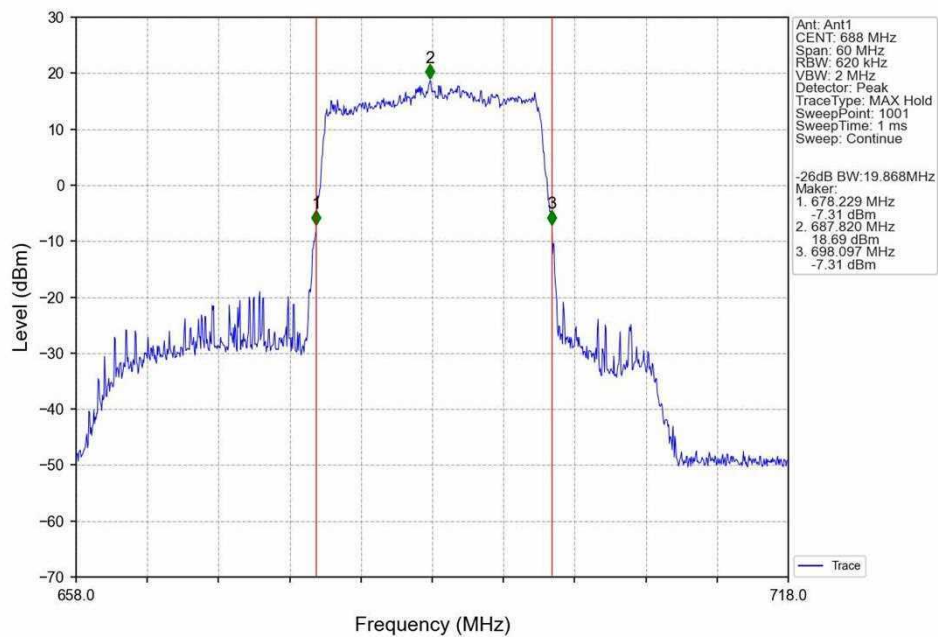
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



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	5.66	≤ 13	Pass
	680.5	25	0	5.76	≤ 13	Pass
	695.5	25	0	5.78	≤ 13	Pass
16QAM	665.5	25	0	6.32	≤ 13	Pass
	680.5	25	0	6.46	≤ 13	Pass
	695.5	25	0	6.51	≤ 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	5.64	≤ 13	Pass
	680.5	50	0	5.86	≤ 13	Pass
	693	50	0	5.88	≤ 13	Pass
16QAM	668	50	0	6.50	≤ 13	Pass
	680.5	50	0	6.61	≤ 13	Pass
	693	50	0	6.51	≤ 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	5.59	≤ 13	Pass
	680.5	75	0	6.21	≤ 13	Pass
	690.5	75	0	5.89	≤ 13	Pass
16QAM	670.5	75	0	5.57	≤ 13	Pass
	680.5	75	0	6.19	≤ 13	Pass
	690.5	75	0	5.88	≤ 13	Pass

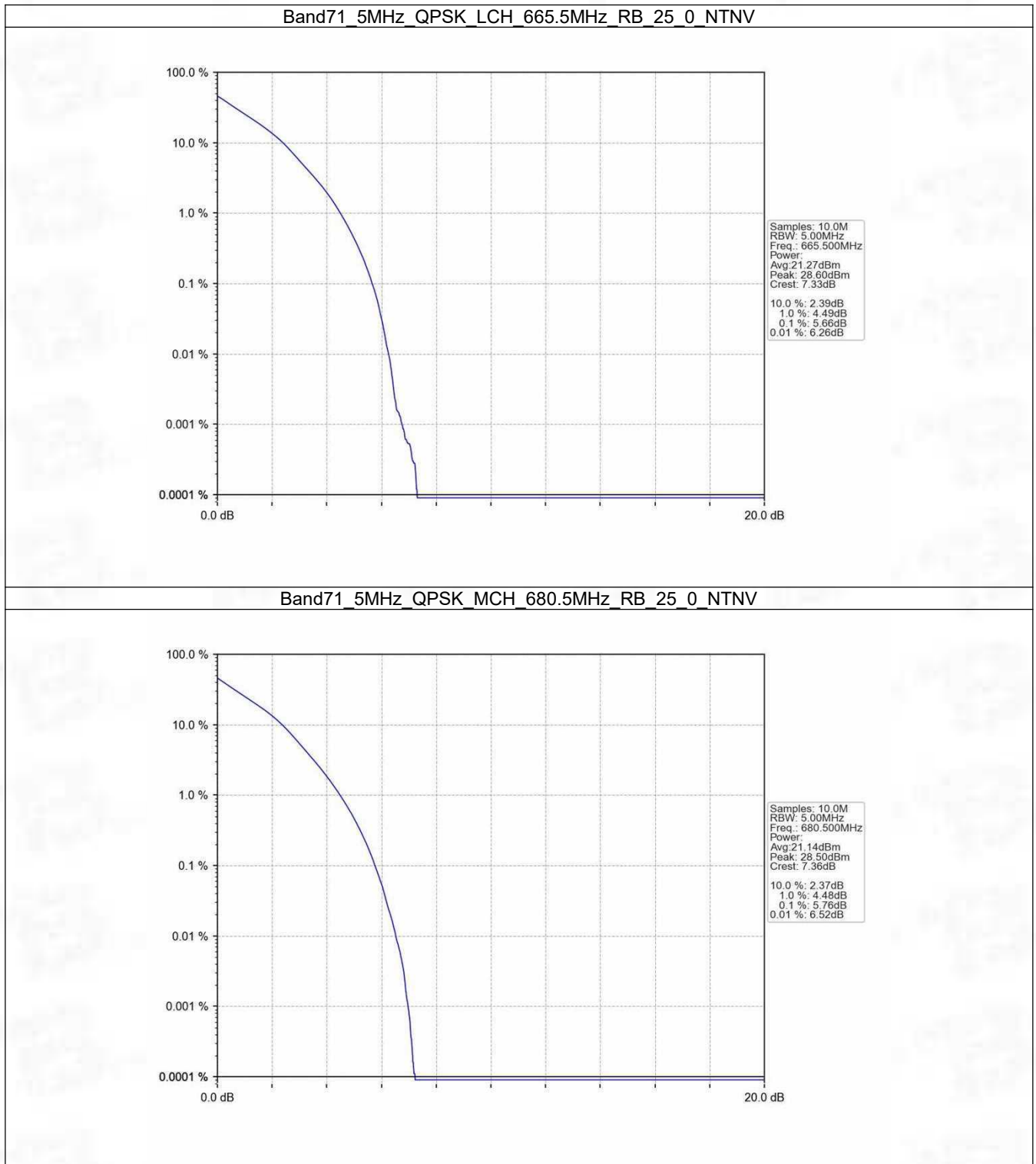
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.67	≤ 13	Pass
	683	100	0	5.88	≤ 13	Pass
	688	100	0	5.52	≤ 13	Pass
16QAM	673	100	0	6.35	≤ 13	Pass
	683	100	0	6.60	≤ 13	Pass

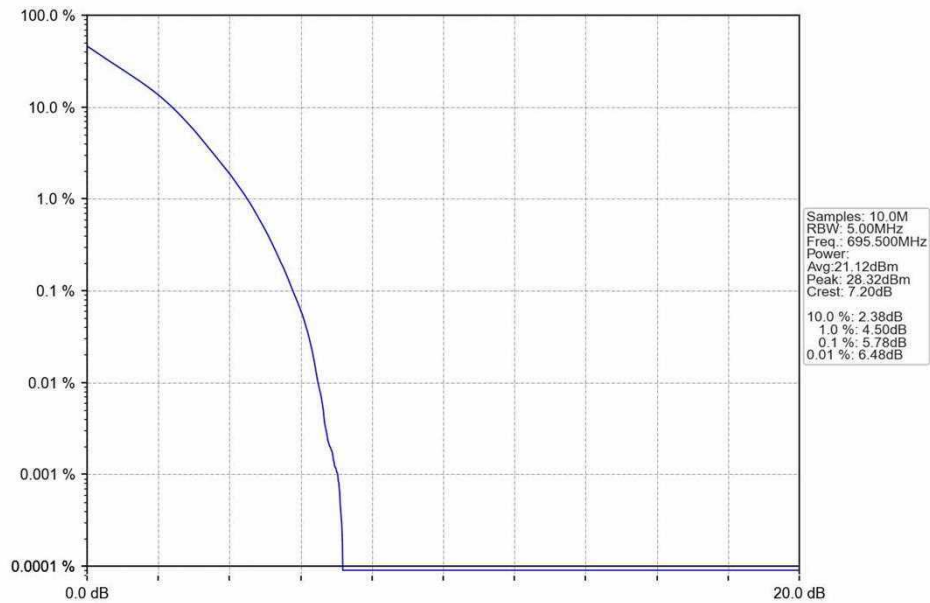
	688	100	0	6.38	<=13	Pass
--	-----	-----	---	------	------	------

5.2 Test Graph

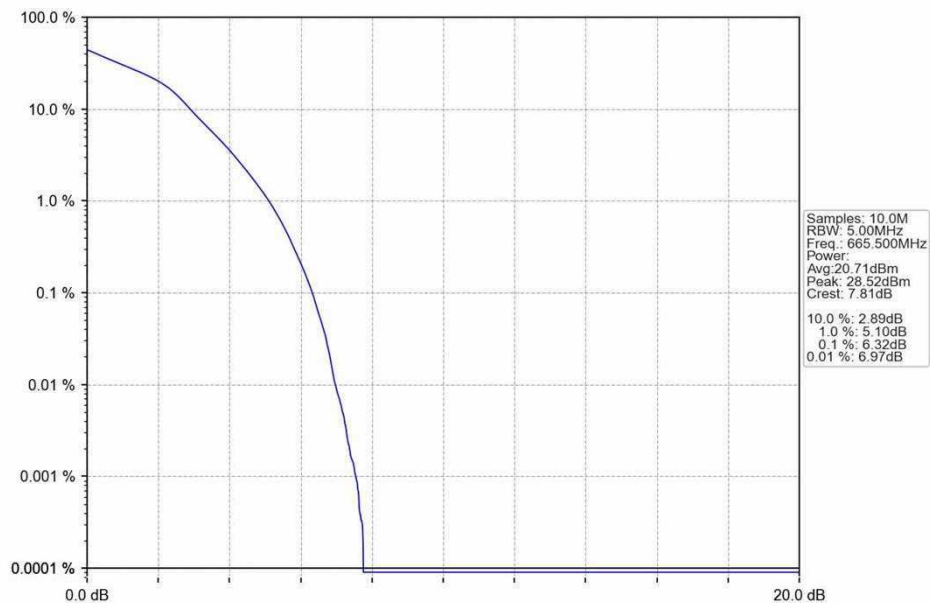
5.2.1 B71_5MHz



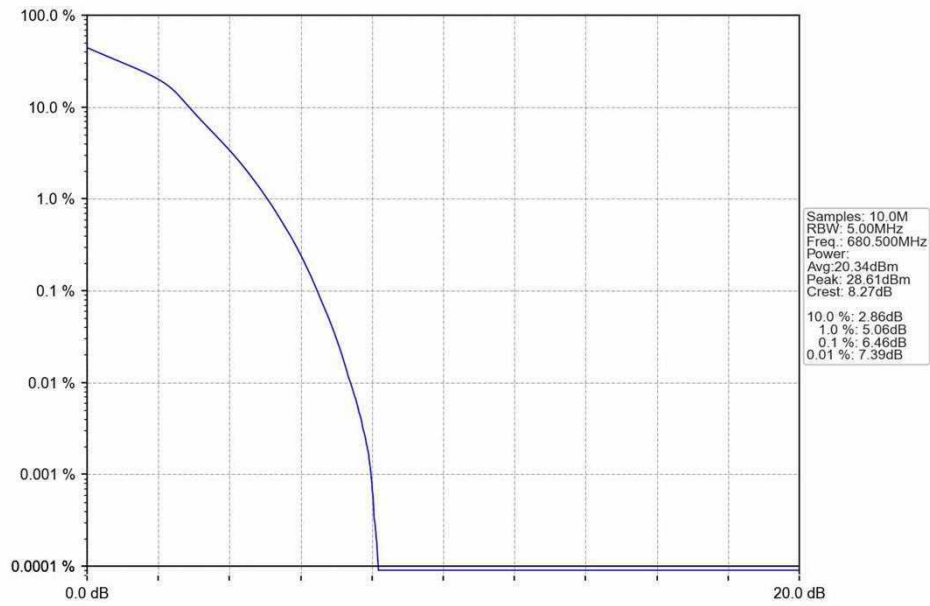
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



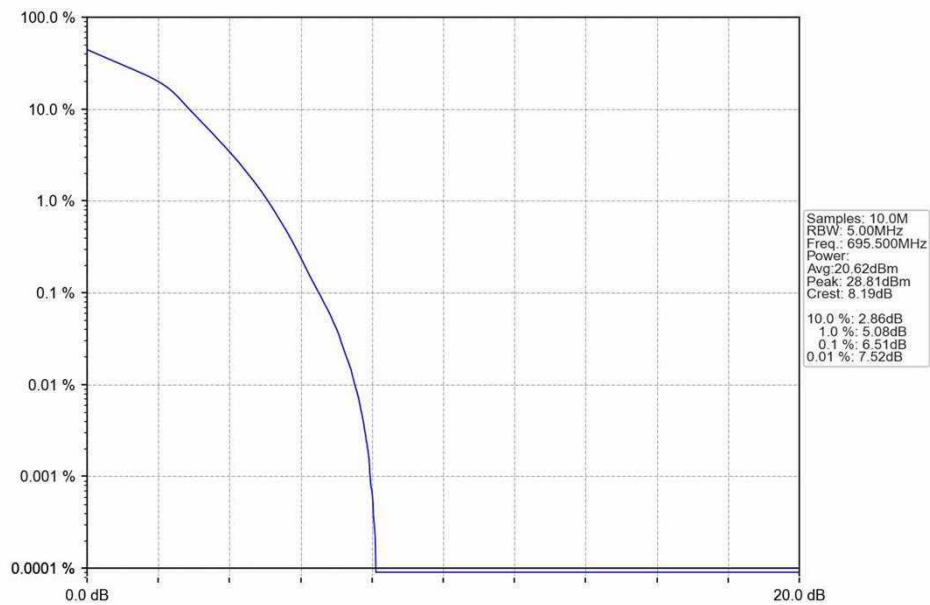
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



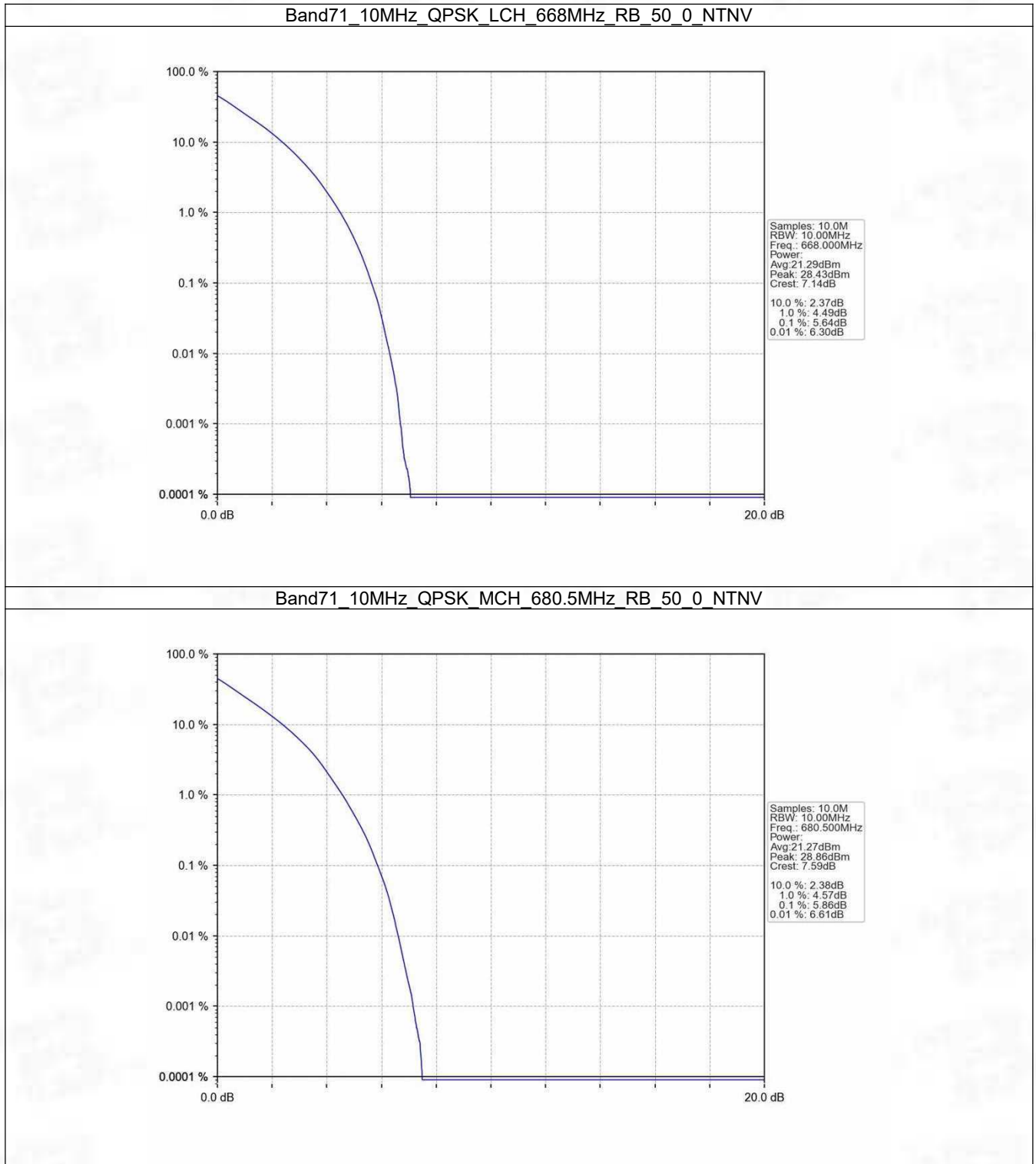
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



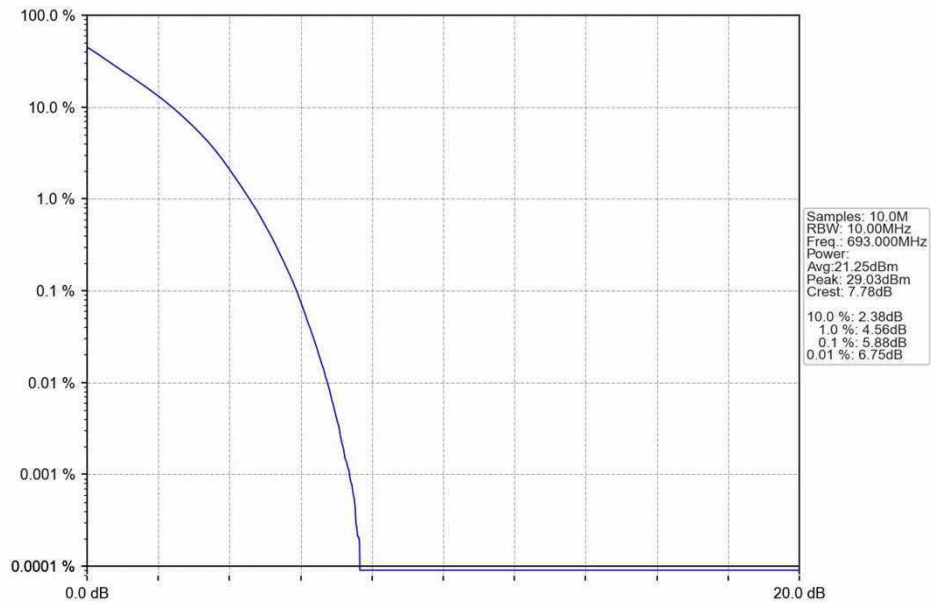
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



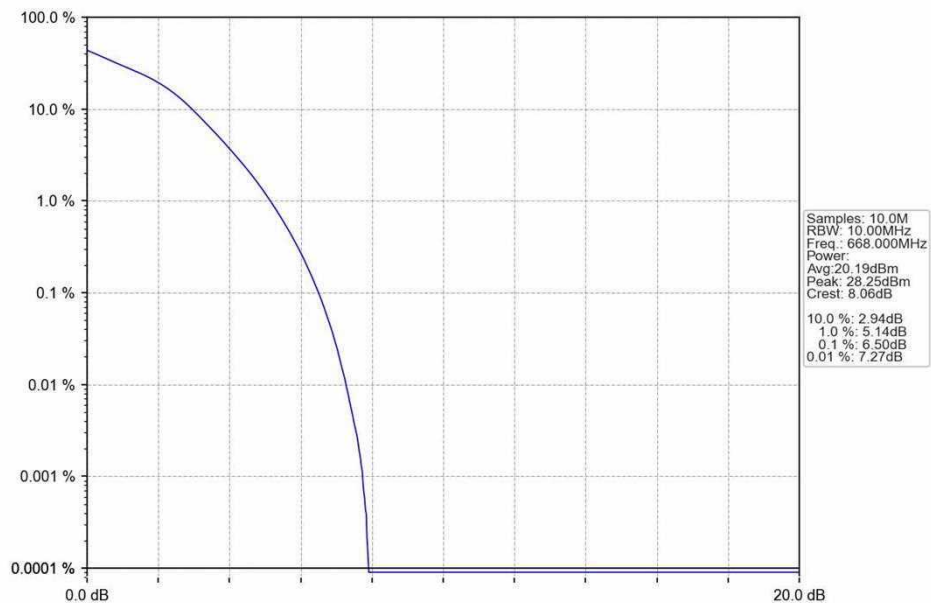
5.2.2 B71_10MHz



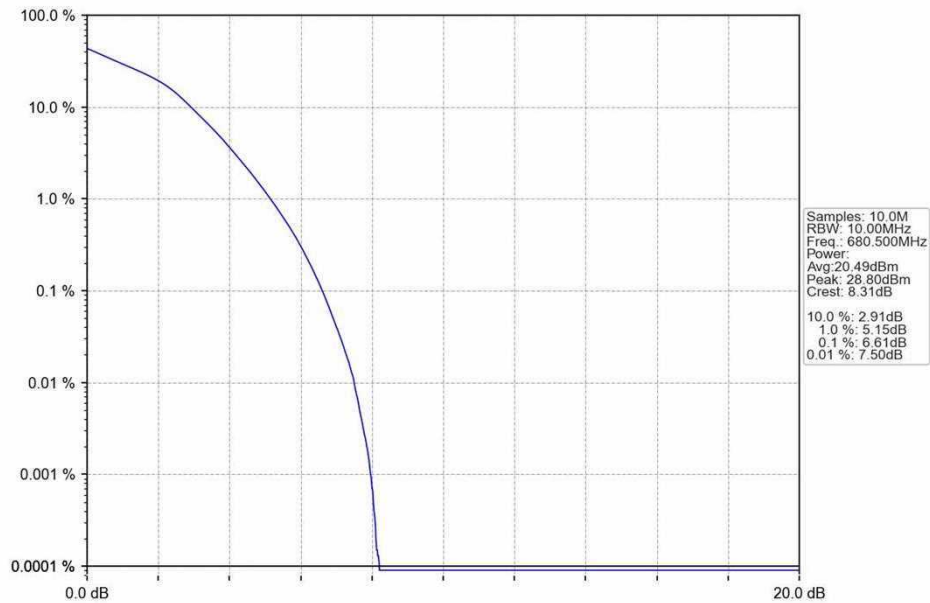
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



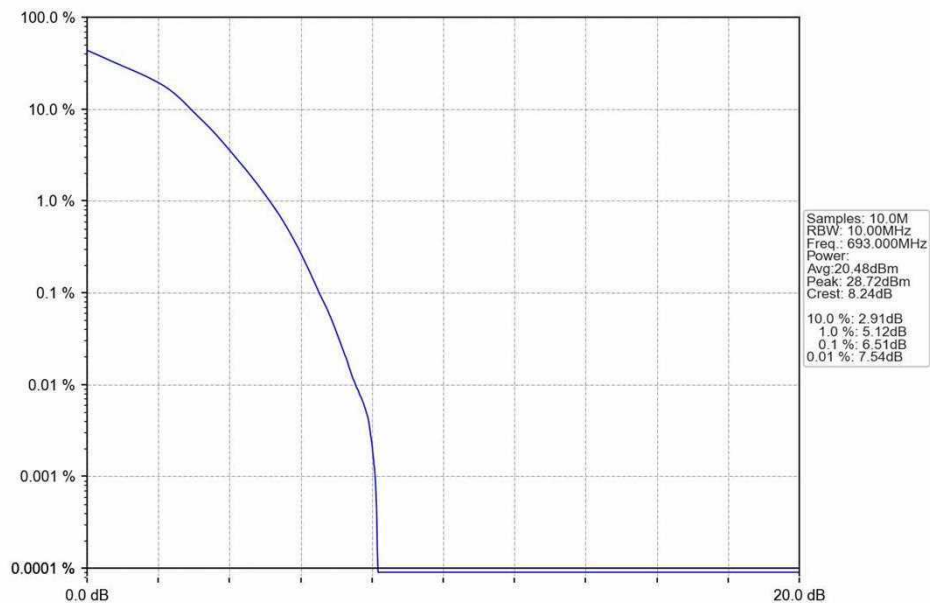
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



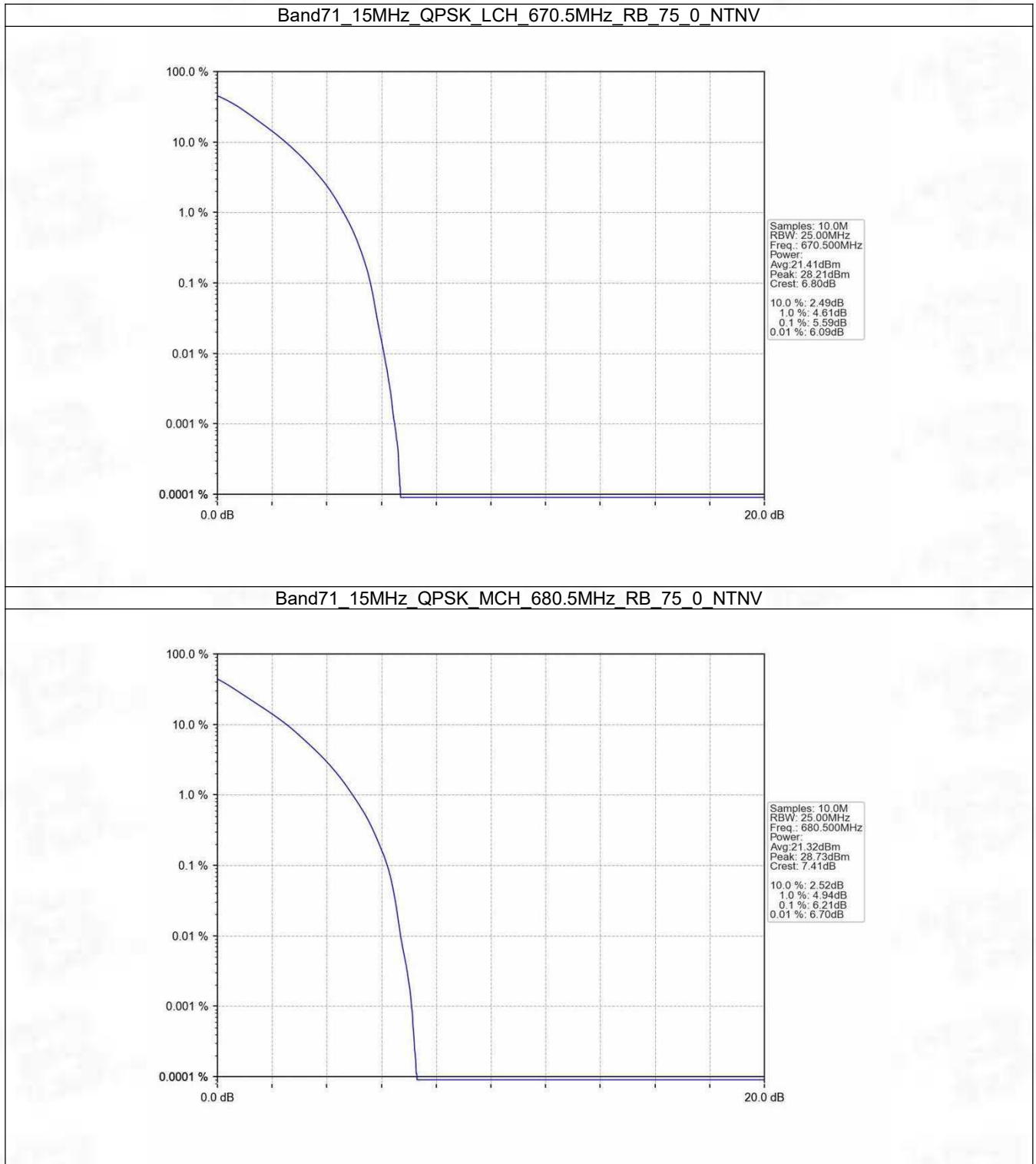
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



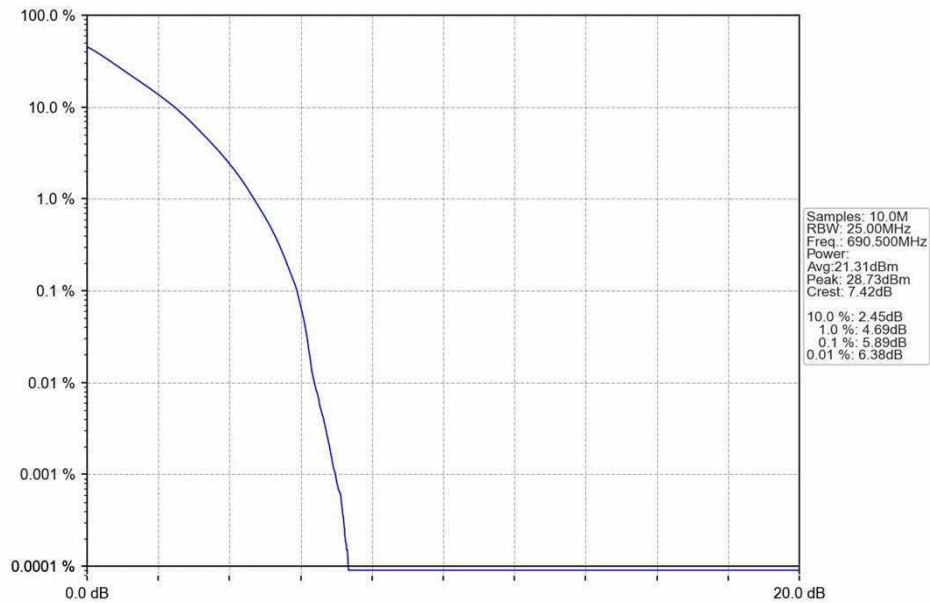
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



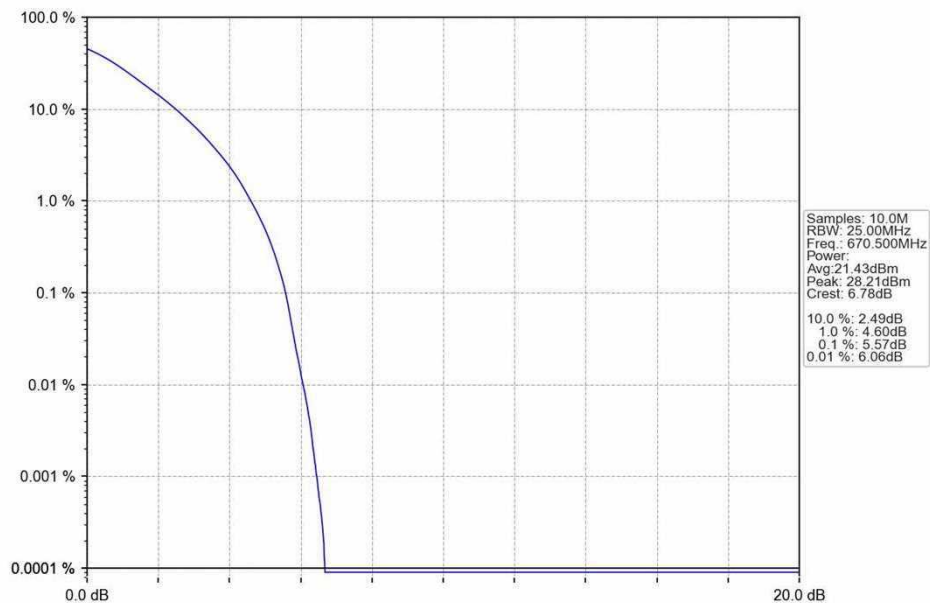
5.2.3 B71_15MHz



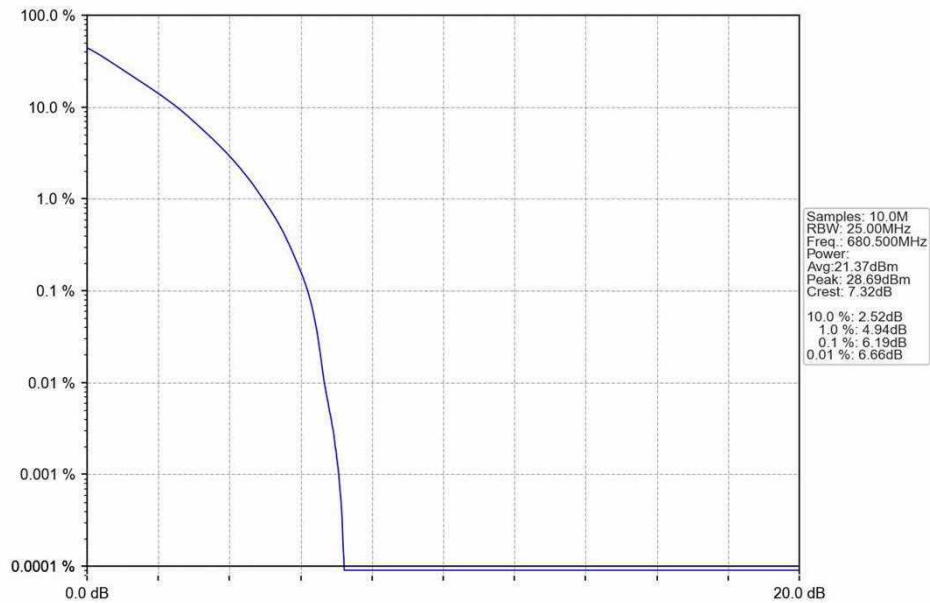
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



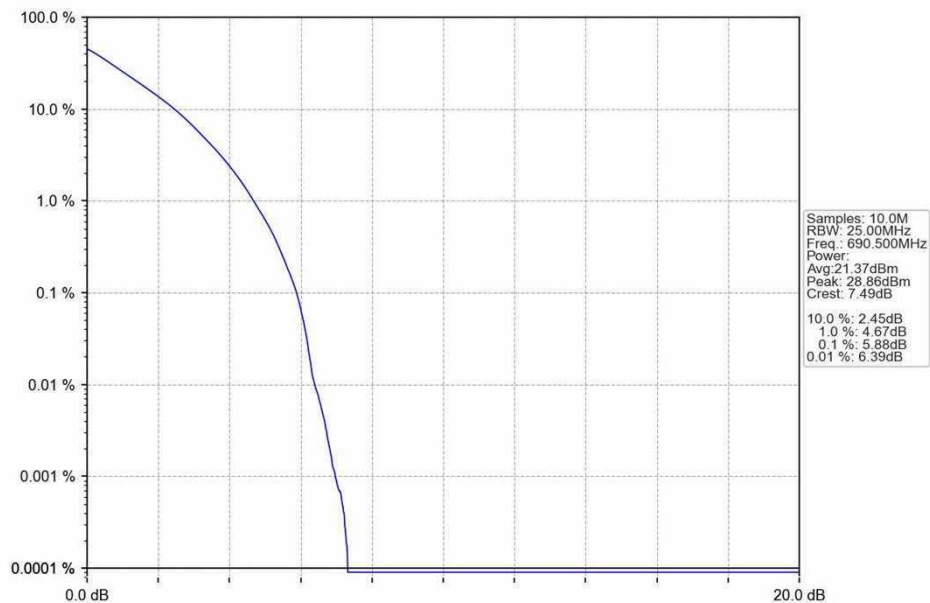
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



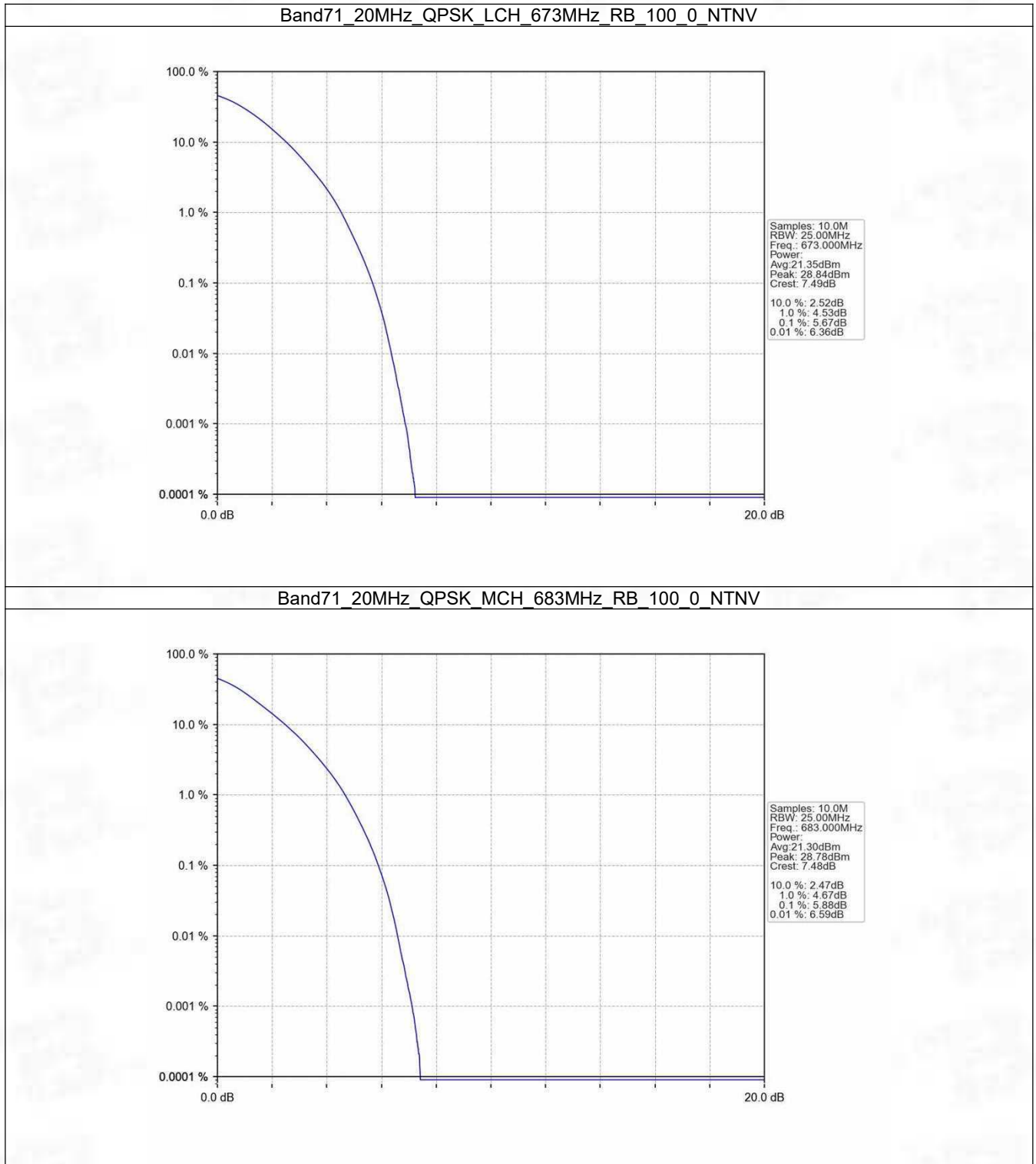
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



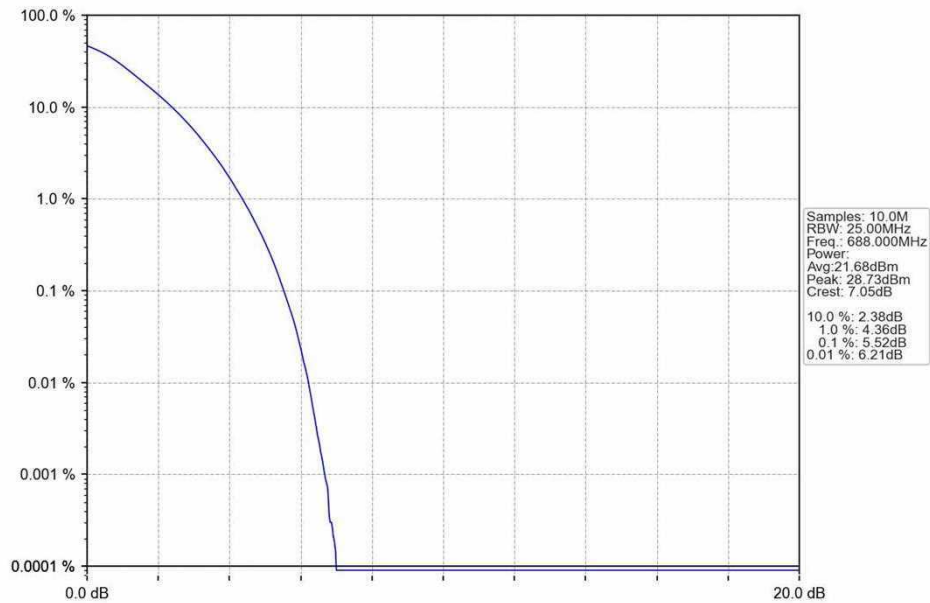
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



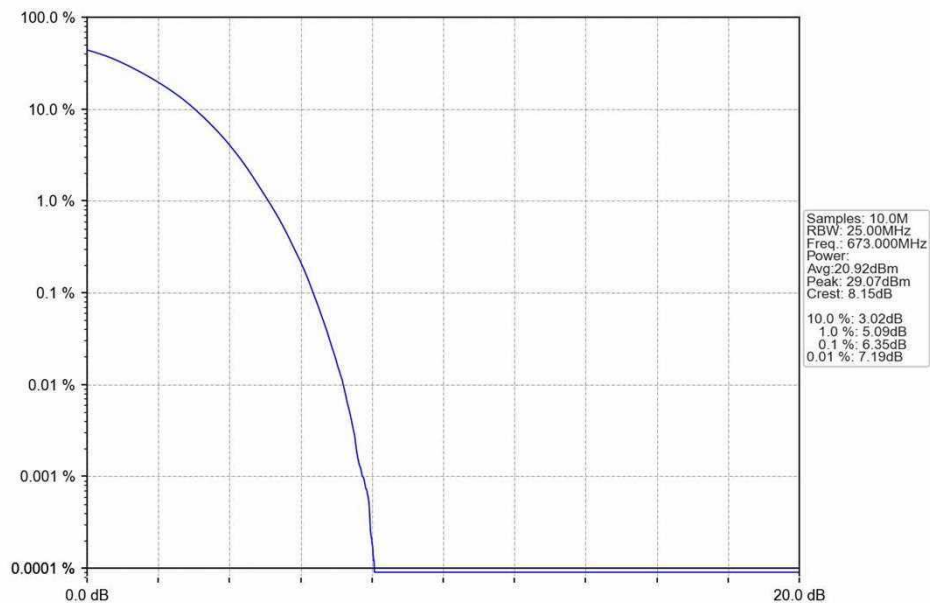
5.2.4 B71_20MHz



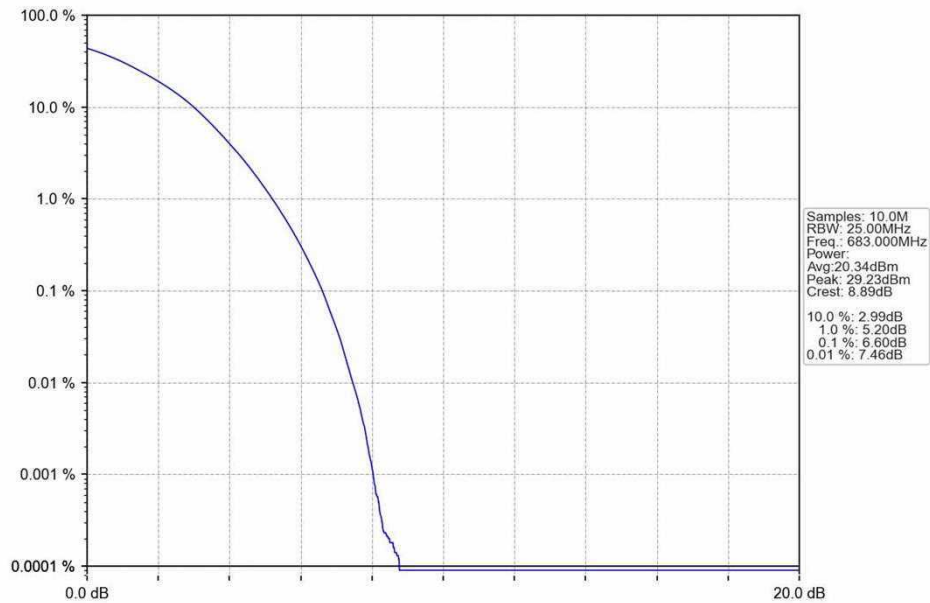
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



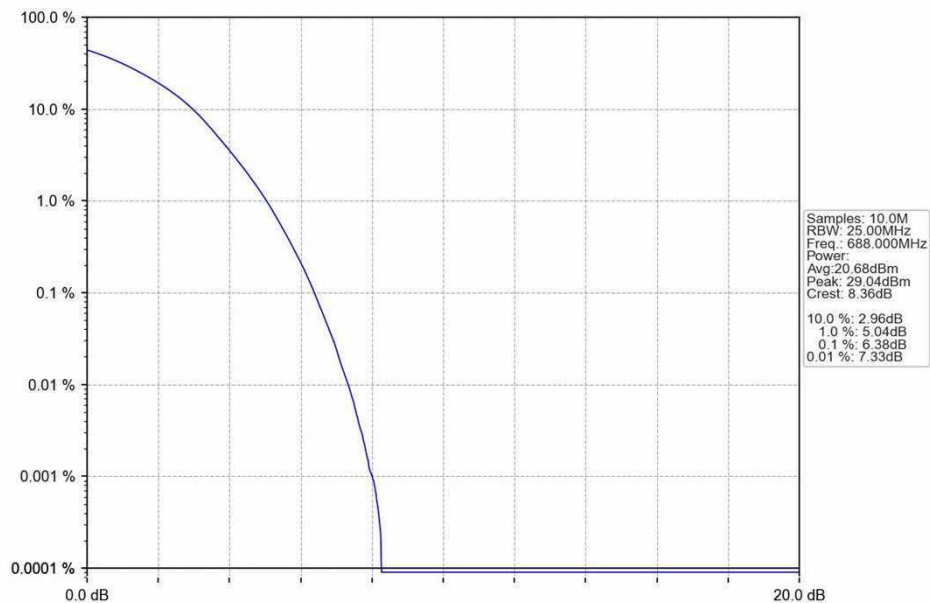
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



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 / 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
	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

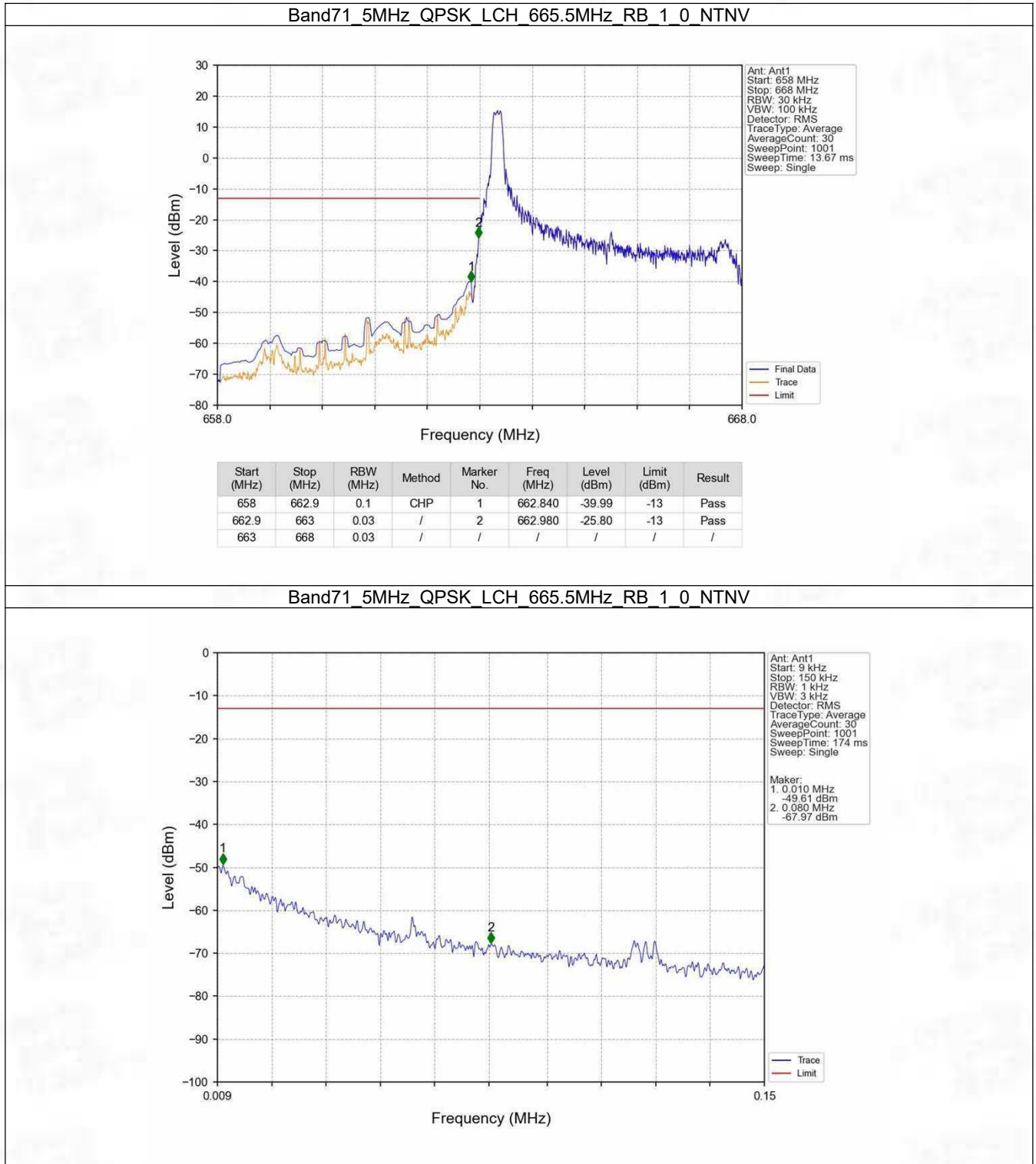
	680.5	75	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B71_20MHz

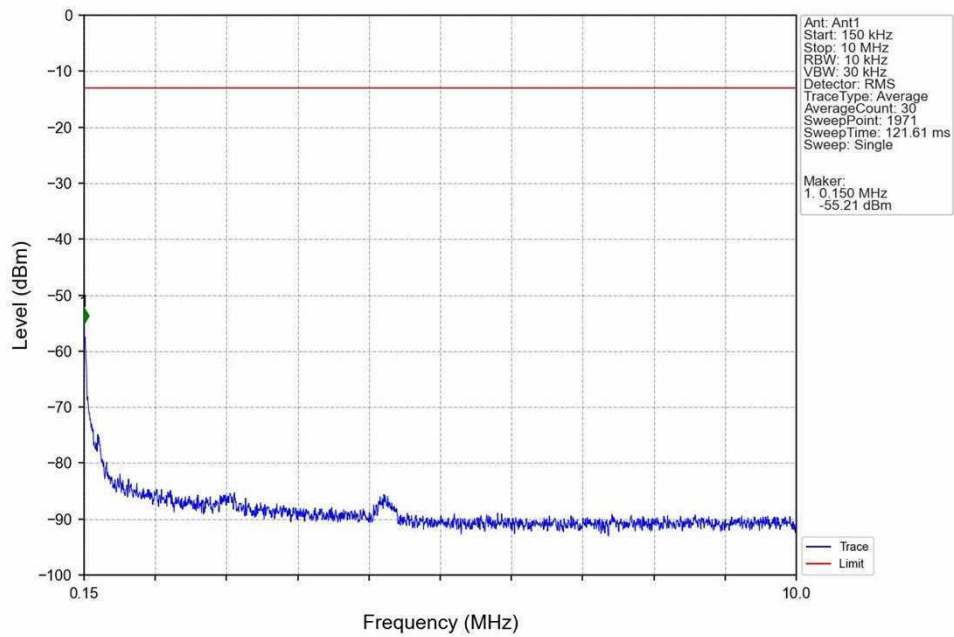
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	673	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	683	1	0	Refer To Test Graph	Pass
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100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

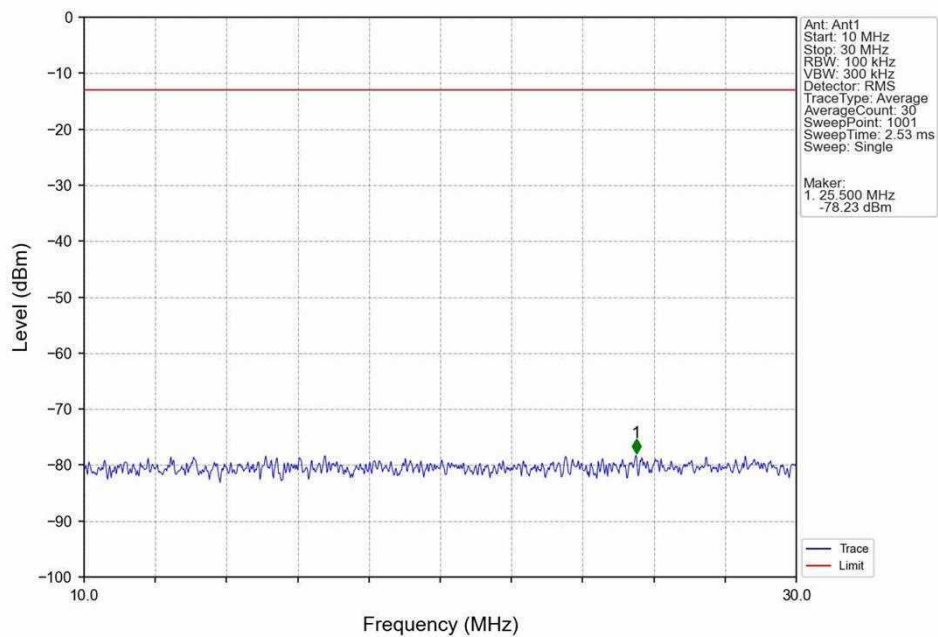
6.2.1 B71_5MHz



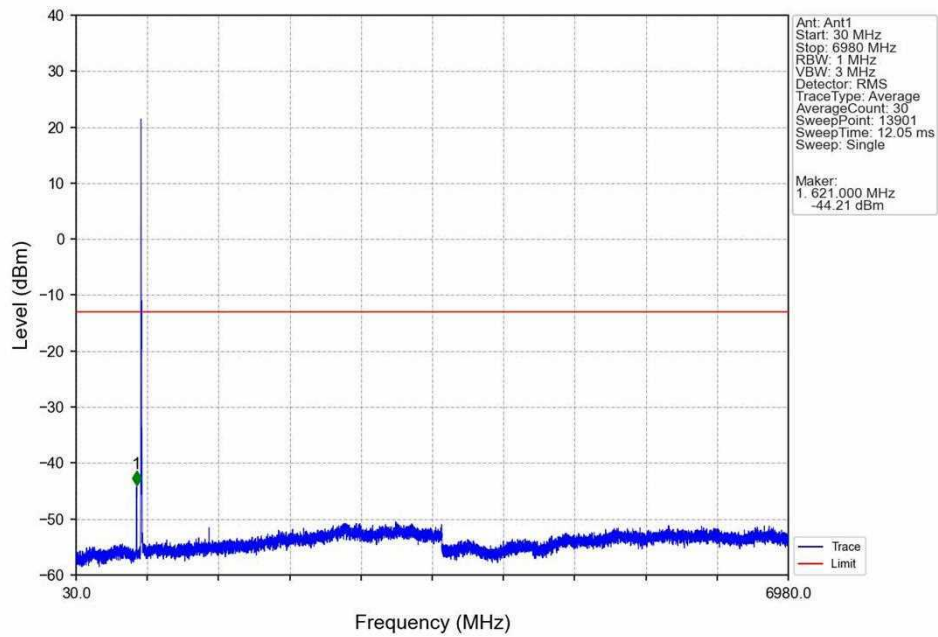
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



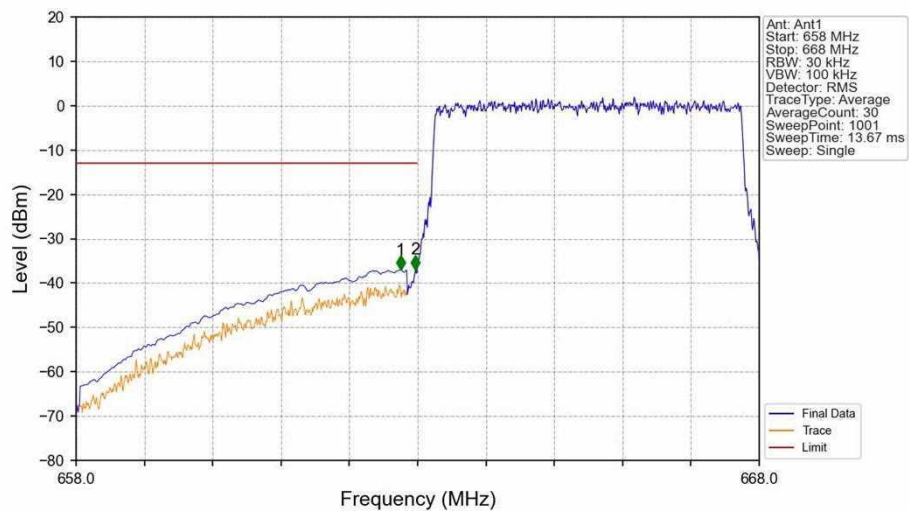
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

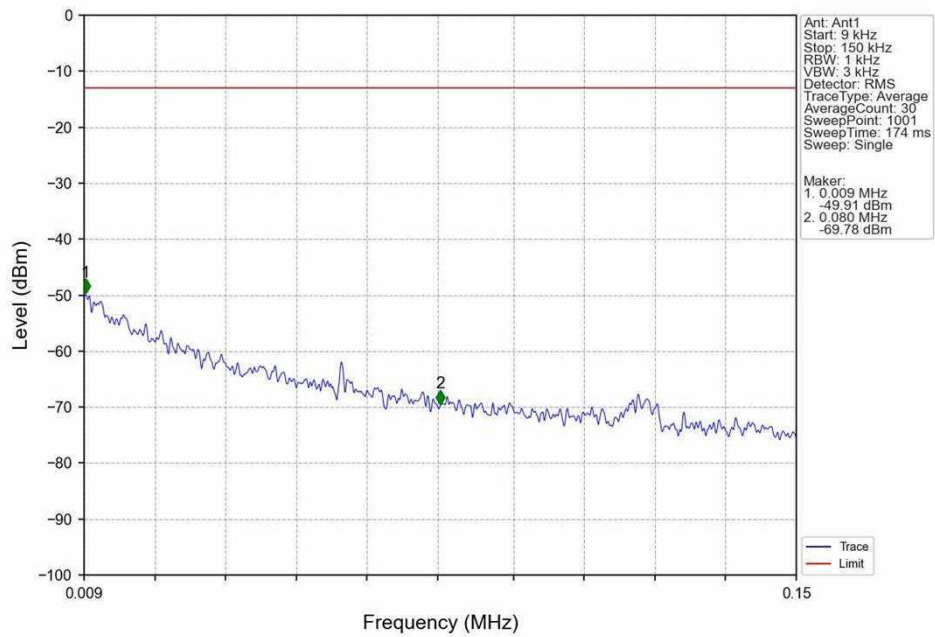


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.750	-37.00	-13	Pass
662.9	663	0.03	/	2	662.970	-36.87	-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

