

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	21.96	-2.48	17.33	<=34.77	Pass
			13	21.85	-2.48	17.22	<=34.77	Pass
			24	21.96	-2.48	17.33	<=34.77	Pass
		12	0	21.06	-2.48	16.43	<=34.77	Pass
			6	21.02	-2.48	16.39	<=34.77	Pass
			13	21.05	-2.48	16.42	<=34.77	Pass
		25	0	21.04	-2.48	16.41	<=34.77	Pass
	680.5	1	0	22.04	-2.48	17.41	<=34.77	Pass
			13	21.97	-2.48	17.34	<=34.77	Pass
			24	21.99	-2.48	17.36	<=34.77	Pass
		12	0	21.06	-2.48	16.43	<=34.77	Pass
			6	21.06	-2.48	16.43	<=34.77	Pass
			13	21.15	-2.48	16.52	<=34.77	Pass
		25	0	21.01	-2.48	16.38	<=34.77	Pass
	695.5	1	0	21.83	-2.48	17.20	<=34.77	Pass
			13	21.89	-2.48	17.26	<=34.77	Pass
			24	21.95	-2.48	17.32	<=34.77	Pass
		12	0	20.86	-2.48	16.23	<=34.77	Pass
			6	20.96	-2.48	16.33	<=34.77	Pass
			13	20.80	-2.48	16.17	<=34.77	Pass
		25	0	20.97	-2.48	16.34	<=34.77	Pass
16QAM	665.5	1	0	21.57	-2.48	16.94	<=34.77	Pass
			13	21.63	-2.48	17.00	<=34.77	Pass
			24	21.58	-2.48	16.95	<=34.77	Pass
		12	0	20.62	-2.48	15.99	<=34.77	Pass
			6	20.11	-2.48	15.48	<=34.77	Pass
			13	20.13	-2.48	15.50	<=34.77	Pass
		25	0	20.05	-2.48	15.42	<=34.77	Pass
	680.5	1	0	20.70	-2.48	16.07	<=34.77	Pass
			13	20.56	-2.48	15.93	<=34.77	Pass
			24	20.54	-2.48	15.91	<=34.77	Pass
		12	0	20.53	-2.48	15.90	<=34.77	Pass
			6	20.48	-2.48	15.85	<=34.77	Pass
			13	20.51	-2.48	15.88	<=34.77	Pass
		25	0	20.61	-2.48	15.98	<=34.77	Pass
	695.5	1	0	21.32	-2.48	16.69	<=34.77	Pass
			13	21.39	-2.48	16.76	<=34.77	Pass
			24	21.21	-2.48	16.58	<=34.77	Pass
		12	0	20.52	-2.48	15.89	<=34.77	Pass
			6	19.85	-2.48	15.22	<=34.77	Pass
			13	19.84	-2.48	15.21	<=34.77	Pass
		25	0	20.00	-2.48	15.37	<=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	21.90	-2.48	17.27	<=34.77	Pass	
			25	21.89	-2.48	17.26	<=34.77	Pass	
			49	21.99	-2.48	17.36	<=34.77	Pass	
		25	0	21.03	-2.48	16.40	<=34.77	Pass	
			13	20.91	-2.48	16.28	<=34.77	Pass	
			25	21.12	-2.48	16.49	<=34.77	Pass	
		50	0	21.02	-2.48	16.39	<=34.77	Pass	
		680.5	1	0	22.10	-2.48	17.47	<=34.77	Pass
				25	22.04	-2.48	17.41	<=34.77	Pass
	49			22.07	-2.48	17.44	<=34.77	Pass	
	25		0	21.08	-2.48	16.45	<=34.77	Pass	
			13	20.96	-2.48	16.33	<=34.77	Pass	
			25	21.06	-2.48	16.43	<=34.77	Pass	
	50		0	20.91	-2.48	16.28	<=34.77	Pass	
	693		1	0	21.75	-2.48	17.12	<=34.77	Pass
				25	21.91	-2.48	17.28	<=34.77	Pass
		49		21.89	-2.48	17.26	<=34.77	Pass	
		25	0	20.92	-2.48	16.29	<=34.77	Pass	
			13	21.09	-2.48	16.46	<=34.77	Pass	
			25	20.91	-2.48	16.28	<=34.77	Pass	
		50	0	21.02	-2.48	16.39	<=34.77	Pass	
16QAM		668	1	0	21.05	-2.48	16.42	<=34.77	Pass
				25	21.03	-2.48	16.40	<=34.77	Pass
	49			21.19	-2.48	16.56	<=34.77	Pass	
	25		0	20.20	-2.48	15.57	<=34.77	Pass	
			13	19.99	-2.48	15.36	<=34.77	Pass	
			25	20.16	-2.48	15.53	<=34.77	Pass	
	50		0	19.82	-2.48	15.19	<=34.77	Pass	
	680.5		1	0	22.25	-2.48	17.62	<=34.77	Pass
				25	22.07	-2.48	17.44	<=34.77	Pass
		49		22.25	-2.48	17.62	<=34.77	Pass	
		25	0	20.20	-2.48	15.57	<=34.77	Pass	
			13	20.64	-2.48	16.01	<=34.77	Pass	
			25	20.60	-2.48	15.97	<=34.77	Pass	
		50	0	20.52	-2.48	15.89	<=34.77	Pass	
		693	1	0	21.44	-2.48	16.81	<=34.77	Pass
				25	21.61	-2.48	16.98	<=34.77	Pass
	49			21.68	-2.48	17.05	<=34.77	Pass	
	25		0	20.51	-2.48	15.88	<=34.77	Pass	
			13	20.02	-2.48	15.39	<=34.77	Pass	
			25	19.98	-2.48	15.35	<=34.77	Pass	
	50		0	20.07	-2.48	15.44	<=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	21.85	-2.48	17.22	<=34.77	Pass
			38	21.99	-2.48	17.36	<=34.77	Pass
			74	22.04	-2.48	17.41	<=34.77	Pass
		36	0	20.86	-2.48	16.23	<=34.77	Pass
			18	21.02	-2.48	16.39	<=34.77	Pass
			39	20.95	-2.48	16.32	<=34.77	Pass

16QAM	680.5	75	0	20.94	-2.48	16.31	<=34.77	Pass
			0	21.93	-2.48	17.30	<=34.77	Pass
			38	21.86	-2.48	17.23	<=34.77	Pass
		36	74	21.83	-2.48	17.20	<=34.77	Pass
			0	21.08	-2.48	16.45	<=34.77	Pass
			18	20.90	-2.48	16.27	<=34.77	Pass
			39	20.98	-2.48	16.35	<=34.77	Pass
		75	0	20.79	-2.48	16.16	<=34.77	Pass
			0	21.91	-2.48	17.28	<=34.77	Pass
	690.5	1	38	21.93	-2.48	17.30	<=34.77	Pass
			74	21.93	-2.48	17.30	<=34.77	Pass
			0	20.84	-2.48	16.21	<=34.77	Pass
		36	18	21.02	-2.48	16.39	<=34.77	Pass
			39	20.89	-2.48	16.26	<=34.77	Pass
			75	21.04	-2.48	16.41	<=34.77	Pass
	670.5	1	0	21.72	-2.48	17.09	<=34.77	Pass
			38	21.78	-2.48	17.15	<=34.77	Pass
			74	21.90	-2.48	17.27	<=34.77	Pass
		36	0	19.77	-2.48	15.14	<=34.77	Pass
			18	19.90	-2.48	15.27	<=34.77	Pass
			39	20.64	-2.48	16.01	<=34.77	Pass
		75	0	19.92	-2.48	15.29	<=34.77	Pass
	680.5	1	0	22.18	-2.48	17.55	<=34.77	Pass
			38	22.12	-2.48	17.49	<=34.77	Pass
			74	22.17	-2.48	17.54	<=34.77	Pass
		36	0	20.14	-2.48	15.51	<=34.77	Pass
			18	20.60	-2.48	15.97	<=34.77	Pass
			39	20.11	-2.48	15.48	<=34.77	Pass
		75	0	20.55	-2.48	15.92	<=34.77	Pass
	690.5	1	0	21.86	-2.48	17.23	<=34.77	Pass
			38	21.88	-2.48	17.25	<=34.77	Pass
			74	21.86	-2.48	17.23	<=34.77	Pass
		36	0	20.45	-2.48	15.82	<=34.77	Pass
			18	20.49	-2.48	15.86	<=34.77	Pass
			39	20.51	-2.48	15.88	<=34.77	Pass
		75	0	20.49	-2.48	15.86	<=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	21.80	-2.48	17.17	<=34.77	Pass
			50	21.94	-2.48	17.31	<=34.77	Pass
			99	21.97	-2.48	17.34	<=34.77	Pass
		50	0	20.87	-2.48	16.24	<=34.77	Pass
			25	20.97	-2.48	16.34	<=34.77	Pass
			50	21.03	-2.48	16.40	<=34.77	Pass
		100	0	21.01	-2.48	16.38	<=34.77	Pass
	683	1	0	22.03	-2.48	17.40	<=34.77	Pass
			50	21.94	-2.48	17.31	<=34.77	Pass
			99	22.08	-2.48	17.45	<=34.77	Pass
		50	0	21.02	-2.48	16.39	<=34.77	Pass
			25	20.95	-2.48	16.32	<=34.77	Pass
			50	20.79	-2.48	16.16	<=34.77	Pass
		100	0	20.96	-2.48	16.33	<=34.77	Pass
	688	1	0	21.93	-2.48	17.30	<=34.77	Pass

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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>

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16QAM		50	50	21.82	-2.48	17.19	<=34.77	Pass
			99	21.90	-2.48	17.27	<=34.77	Pass
			0	20.95	-2.48	16.32	<=34.77	Pass
			25	20.74	-2.48	16.11	<=34.77	Pass
			50	21.12	-2.48	16.49	<=34.77	Pass
	673	1	0	20.81	-2.48	16.18	<=34.77	Pass
			50	22.16	-2.48	17.53	<=34.77	Pass
			99	22.13	-2.48	17.50	<=34.77	Pass
		50	0	22.22	-2.48	17.59	<=34.77	Pass
			25	19.78	-2.48	15.15	<=34.77	Pass
			50	20.60	-2.48	15.97	<=34.77	Pass
	683	1	0	20.09	-2.48	15.46	<=34.77	Pass
			25	20.64	-2.48	16.01	<=34.77	Pass
			50	21.92	-2.48	17.29	<=34.77	Pass
		50	0	21.92	-2.48	17.29	<=34.77	Pass
			25	22.05	-2.48	17.42	<=34.77	Pass
			50	20.18	-2.48	15.55	<=34.77	Pass
	688	1	0	20.62	-2.48	15.99	<=34.77	Pass
			25	20.63	-2.48	16.00	<=34.77	Pass
			50	20.48	-2.48	15.85	<=34.77	Pass
		50	0	21.15	-2.48	16.52	<=34.77	Pass
			25	20.99	-2.48	16.36	<=34.77	Pass
			50	21.23	-2.48	16.60	<=34.77	Pass
	688	1	0	20.11	-2.48	15.48	<=34.77	Pass
			25	20.46	-2.48	15.83	<=34.77	Pass
			50	20.10	-2.48	15.47	<=34.77	Pass
		100	0	20.43	-2.48	15.80	<=34.77	Pass
			25					
			50					

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	1.631	0.0025	-2.5 to 2.5	Pass
					3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
					4.43	-3.977	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-4.635	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-6.566	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-7.310	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-7.353	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-8.025	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-19.956	-0.0300	-2.5 to 2.5	Pass
				40	3.85	-26.836	-0.0403	-2.5 to 2.5	Pass
				50	3.85	-34.204	-0.0514	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-4.549	-0.0067	-2.5 to 2.5	Pass
					3.85	-9.356	-0.0137	-2.5 to 2.5	Pass
					4.43	-6.752	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0015	-2.5 to 2.5	Pass
				-20	3.85	7.052	0.0104	-2.5 to 2.5	Pass
				-10	3.85	17.724	0.0260	-2.5 to 2.5	Pass
				0	3.85	26.093	0.0383	-2.5 to 2.5	Pass

				10	3.85	36.035	0.0530	-2.5 to 2.5	Pass
				30	3.85	42.272	0.0621	-2.5 to 2.5	Pass
				40	3.85	1.402	0.0021	-2.5 to 2.5	Pass
				50	3.85	6.537	0.0096	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-9.198	-0.0132	-2.5 to 2.5	Pass
					3.85	-24.905	-0.0358	-2.5 to 2.5	Pass
					4.43	-37.894	-0.0545	-2.5 to 2.5	Pass
				-30	3.85	-47.693	-0.0686	-2.5 to 2.5	Pass
				-20	3.85	-10.443	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-17.467	-0.0251	-2.5 to 2.5	Pass
				0	3.85	-17.552	-0.0252	-2.5 to 2.5	Pass
				10	3.85	-21.987	-0.0316	-2.5 to 2.5	Pass
				30	3.85	-24.219	-0.0348	-2.5 to 2.5	Pass
				40	3.85	-25.806	-0.0371	-2.5 to 2.5	Pass
				50	3.85	-28.496	-0.0410	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-34.461	-0.0518	-2.5 to 2.5	Pass
					3.85	-36.635	-0.0550	-2.5 to 2.5	Pass
					4.43	-36.707	-0.0552	-2.5 to 2.5	Pass
				-30	3.85	-37.680	-0.0566	-2.5 to 2.5	Pass
				-20	3.85	-38.552	-0.0579	-2.5 to 2.5	Pass
				-10	3.85	-38.667	-0.0581	-2.5 to 2.5	Pass
				0	3.85	-39.740	-0.0597	-2.5 to 2.5	Pass
				10	3.85	-38.481	-0.0578	-2.5 to 2.5	Pass
				30	3.85	-38.381	-0.0577	-2.5 to 2.5	Pass
				40	3.85	-38.180	-0.0574	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	14.906	0.0219	-2.5 to 2.5	Pass
					3.85	13.461	0.0198	-2.5 to 2.5	Pass
					4.43	15.936	0.0234	-2.5 to 2.5	Pass
				-30	3.85	17.781	0.0261	-2.5 to 2.5	Pass
				-20	3.85	20.399	0.0300	-2.5 to 2.5	Pass
				-10	3.85	22.831	0.0336	-2.5 to 2.5	Pass
				0	3.85	23.117	0.0340	-2.5 to 2.5	Pass
				10	3.85	22.287	0.0328	-2.5 to 2.5	Pass
				30	3.85	26.593	0.0391	-2.5 to 2.5	Pass
				40	3.85	28.625	0.0421	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-29.154	-0.0419	-2.5 to 2.5	Pass
					3.85	-39.053	-0.0562	-2.5 to 2.5	Pass
					4.43	-46.077	-0.0663	-2.5 to 2.5	Pass
				-30	3.85	-49.381	-0.0710	-2.5 to 2.5	Pass
				-20	3.85	5.279	0.0076	-2.5 to 2.5	Pass
				-10	3.85	3.319	0.0048	-2.5 to 2.5	Pass
				0	3.85	1.860	0.0027	-2.5 to 2.5	Pass
				10	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-1.416	-0.0020	-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	2.747	0.0041	-2.5 to 2.5	Pass
					3.85	-11.129	-0.0167	-2.5 to 2.5	Pass
					4.43	-21.186	-0.0317	-2.5 to 2.5	Pass
				-30	3.85	-25.449	-0.0381	-2.5 to 2.5	Pass

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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>

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				-20	3.85	-29.054	-0.0435	-2.5 to 2.5	Pass
				-10	3.85	-29.111	-0.0436	-2.5 to 2.5	Pass
				0	3.85	-29.426	-0.0441	-2.5 to 2.5	Pass
				10	3.85	-30.684	-0.0459	-2.5 to 2.5	Pass
				30	3.85	-31.314	-0.0469	-2.5 to 2.5	Pass
				40	3.85	-29.941	-0.0448	-2.5 to 2.5	Pass
				50	3.85	-32.473	-0.0486	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-10.200	-0.0150	-2.5 to 2.5	Pass
					3.85	-16.580	-0.0244	-2.5 to 2.5	Pass
					4.43	-11.601	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-7.081	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.406	0.0065	-2.5 to 2.5	Pass
				0	3.85	12.074	0.0177	-2.5 to 2.5	Pass
				10	3.85	16.022	0.0235	-2.5 to 2.5	Pass
				30	3.85	21.801	0.0320	-2.5 to 2.5	Pass
				40	3.85	27.037	0.0397	-2.5 to 2.5	Pass
				50	3.85	31.772	0.0467	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-11.573	-0.0167	-2.5 to 2.5	Pass
					3.85	-23.518	-0.0339	-2.5 to 2.5	Pass
					4.43	-28.911	-0.0417	-2.5 to 2.5	Pass
				-30	3.85	-31.629	-0.0456	-2.5 to 2.5	Pass
				-20	3.85	-37.751	-0.0545	-2.5 to 2.5	Pass
				-10	3.85	-41.070	-0.0593	-2.5 to 2.5	Pass
				0	3.85	-40.870	-0.0590	-2.5 to 2.5	Pass
				10	3.85	-42.787	-0.0617	-2.5 to 2.5	Pass
				30	3.85	-44.217	-0.0638	-2.5 to 2.5	Pass
				40	3.85	-45.862	-0.0662	-2.5 to 2.5	Pass
				50	3.85	-46.148	-0.0666	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-29.998	-0.0449	-2.5 to 2.5	Pass
					3.85	-29.368	-0.0440	-2.5 to 2.5	Pass
					4.43	-30.169	-0.0452	-2.5 to 2.5	Pass
				-30	3.85	-28.496	-0.0427	-2.5 to 2.5	Pass
				-20	3.85	-27.452	-0.0411	-2.5 to 2.5	Pass
				-10	3.85	-27.866	-0.0417	-2.5 to 2.5	Pass
				0	3.85	-26.321	-0.0394	-2.5 to 2.5	Pass
				10	3.85	-26.822	-0.0402	-2.5 to 2.5	Pass
				30	3.85	-26.078	-0.0390	-2.5 to 2.5	Pass
				40	3.85	-25.721	-0.0385	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	38.238	0.0562	-2.5 to 2.5	Pass
					3.85	35.105	0.0516	-2.5 to 2.5	Pass
					4.43	33.045	0.0486	-2.5 to 2.5	Pass
				-30	3.85	32.401	0.0476	-2.5 to 2.5	Pass
				-20	3.85	33.216	0.0488	-2.5 to 2.5	Pass
				-10	3.85	33.760	0.0496	-2.5 to 2.5	Pass
				0	3.85	33.388	0.0491	-2.5 to 2.5	Pass
				10	3.85	35.334	0.0519	-2.5 to 2.5	Pass
				30	3.85	38.252	0.0562	-2.5 to 2.5	Pass
				40	3.85	40.698	0.0598	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-47.350	-0.0683	-2.5 to 2.5	Pass
					3.85	-6.595	-0.0095	-2.5 to 2.5	Pass
					4.43	-10.829	-0.0156	-2.5 to 2.5	Pass
				-30	3.85	-12.288	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-14.005	-0.0202	-2.5 to 2.5	Pass
				-10	3.85	-14.362	-0.0207	-2.5 to 2.5	Pass
				0	3.85	-15.078	-0.0218	-2.5 to 2.5	Pass
				10	3.85	-15.264	-0.0220	-2.5 to 2.5	Pass

				30	3.85	-16.952	-0.0245	-2.5 to 2.5	Pass
				40	3.85	-17.395	-0.0251	-2.5 to 2.5	Pass
				50	3.85	-16.394	-0.0237	-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	-2.160	-0.0032	-2.5 to 2.5	Pass
					3.85	-23.060	-0.0344	-2.5 to 2.5	Pass
					4.43	-36.106	-0.0538	-2.5 to 2.5	Pass
				-30	3.85	-41.485	-0.0619	-2.5 to 2.5	Pass
				-20	3.85	-44.174	-0.0659	-2.5 to 2.5	Pass
				-10	3.85	-44.675	-0.0666	-2.5 to 2.5	Pass
				0	3.85	-44.231	-0.0660	-2.5 to 2.5	Pass
				10	3.85	-44.818	-0.0668	-2.5 to 2.5	Pass
				30	3.85	-43.631	-0.0651	-2.5 to 2.5	Pass
				40	3.85	-43.387	-0.0647	-2.5 to 2.5	Pass
				50	3.85	-43.702	-0.0652	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-2.317	-0.0034	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0048	-2.5 to 2.5	Pass
					4.43	-3.276	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-2.089	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0019	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0012	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.715	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-0.744	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0012	-2.5 to 2.5	Pass
					4.43	0.486	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.416	0.0021	-2.5 to 2.5	Pass
				-20	3.85	2.818	0.0041	-2.5 to 2.5	Pass
				-10	3.85	5.021	0.0073	-2.5 to 2.5	Pass
				0	3.85	6.151	0.0089	-2.5 to 2.5	Pass
				10	3.85	6.108	0.0088	-2.5 to 2.5	Pass
				30	3.85	7.925	0.0115	-2.5 to 2.5	Pass
				40	3.85	9.685	0.0140	-2.5 to 2.5	Pass
				50	3.85	9.413	0.0136	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-42.515	-0.0634	-2.5 to 2.5	Pass
					3.85	-45.362	-0.0677	-2.5 to 2.5	Pass
					4.43	-47.493	-0.0708	-2.5 to 2.5	Pass
				-30	3.85	-46.978	-0.0701	-2.5 to 2.5	Pass
				-20	3.85	-46.277	-0.0690	-2.5 to 2.5	Pass
				-10	3.85	-47.078	-0.0702	-2.5 to 2.5	Pass
				0	3.85	-47.679	-0.0711	-2.5 to 2.5	Pass
				10	3.85	-46.935	-0.0700	-2.5 to 2.5	Pass
				30	3.85	-47.951	-0.0715	-2.5 to 2.5	Pass
				40	3.85	-47.164	-0.0703	-2.5 to 2.5	Pass
				50	3.85	-47.121	-0.0703	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	0.186	0.0003	-2.5 to 2.5	Pass
					3.85	-0.243	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.104	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0043	-2.5 to 2.5	Pass

				-10	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.817	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.502	-0.0022	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	11.158	0.0162	-2.5 to 2.5	Pass
					3.85	13.733	0.0199	-2.5 to 2.5	Pass
					4.43	17.424	0.0252	-2.5 to 2.5	Pass
				-30	3.85	18.811	0.0272	-2.5 to 2.5	Pass
				-20	3.85	21.758	0.0315	-2.5 to 2.5	Pass
				-10	3.85	23.317	0.0338	-2.5 to 2.5	Pass
				0	3.85	26.150	0.0379	-2.5 to 2.5	Pass
				10	3.85	28.081	0.0407	-2.5 to 2.5	Pass
				30	3.85	31.457	0.0456	-2.5 to 2.5	Pass
				40	3.85	31.857	0.0461	-2.5 to 2.5	Pass
				50	3.85	33.617	0.0487	-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	-25.563	-0.0380	-2.5 to 2.5	Pass
					3.85	-26.321	-0.0391	-2.5 to 2.5	Pass
					4.43	-38.853	-0.0577	-2.5 to 2.5	Pass
				-30	3.85	-19.183	-0.0285	-2.5 to 2.5	Pass
				-20	3.85	-18.725	-0.0278	-2.5 to 2.5	Pass
				-10	3.85	-43.502	-0.0646	-2.5 to 2.5	Pass
				0	3.85	-24.133	-0.0359	-2.5 to 2.5	Pass
				10	3.85	-41.714	-0.0620	-2.5 to 2.5	Pass
				30	3.85	-38.652	-0.0574	-2.5 to 2.5	Pass
				40	3.85	-8.669	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-16.894	-0.0251	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-7.381	-0.0108	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0068	-2.5 to 2.5	Pass
					4.43	-2.904	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.931	0.0028	-2.5 to 2.5	Pass
				-10	3.85	4.578	0.0067	-2.5 to 2.5	Pass
				0	3.85	5.708	0.0084	-2.5 to 2.5	Pass
				10	3.85	5.622	0.0082	-2.5 to 2.5	Pass
				30	3.85	8.340	0.0122	-2.5 to 2.5	Pass
				40	3.85	11.559	0.0169	-2.5 to 2.5	Pass
				50	3.85	11.501	0.0168	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-6.366	-0.0093	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0085	-2.5 to 2.5	Pass
					4.43	-3.977	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-3.762	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-2.289	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.376	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0041	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-21.958	-0.0326	-2.5 to 2.5	Pass
					3.85	-24.276	-0.0361	-2.5 to 2.5	Pass

					4.43	-40.884	-0.0607	-2.5 to 2.5	Pass
				-30	3.85	1.717	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-4.678	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-8.183	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-9.570	-0.0142	-2.5 to 2.5	Pass
				10	3.85	-9.055	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-12.116	-0.0180	-2.5 to 2.5	Pass
				40	3.85	-10.543	-0.0157	-2.5 to 2.5	Pass
	683	100	0	50	3.85	-12.145	-0.0180	-2.5 to 2.5	Pass
				20	3.27	11.129	0.0163	-2.5 to 2.5	Pass
					3.85	6.094	0.0089	-2.5 to 2.5	Pass
					4.43	3.290	0.0048	-2.5 to 2.5	Pass
				-30	3.85	2.003	0.0029	-2.5 to 2.5	Pass
				-20	3.85	3.934	0.0058	-2.5 to 2.5	Pass
				-10	3.85	2.775	0.0041	-2.5 to 2.5	Pass
				0	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.659	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.562	-0.0052	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-1.988	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0065	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-8.268	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-8.225	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-8.998	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-10.643	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-10.328	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-9.127	-0.0133	-2.5 to 2.5	Pass
				40	3.85	-9.599	-0.0140	-2.5 to 2.5	Pass
				50	3.85	-10.958	-0.0159	-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

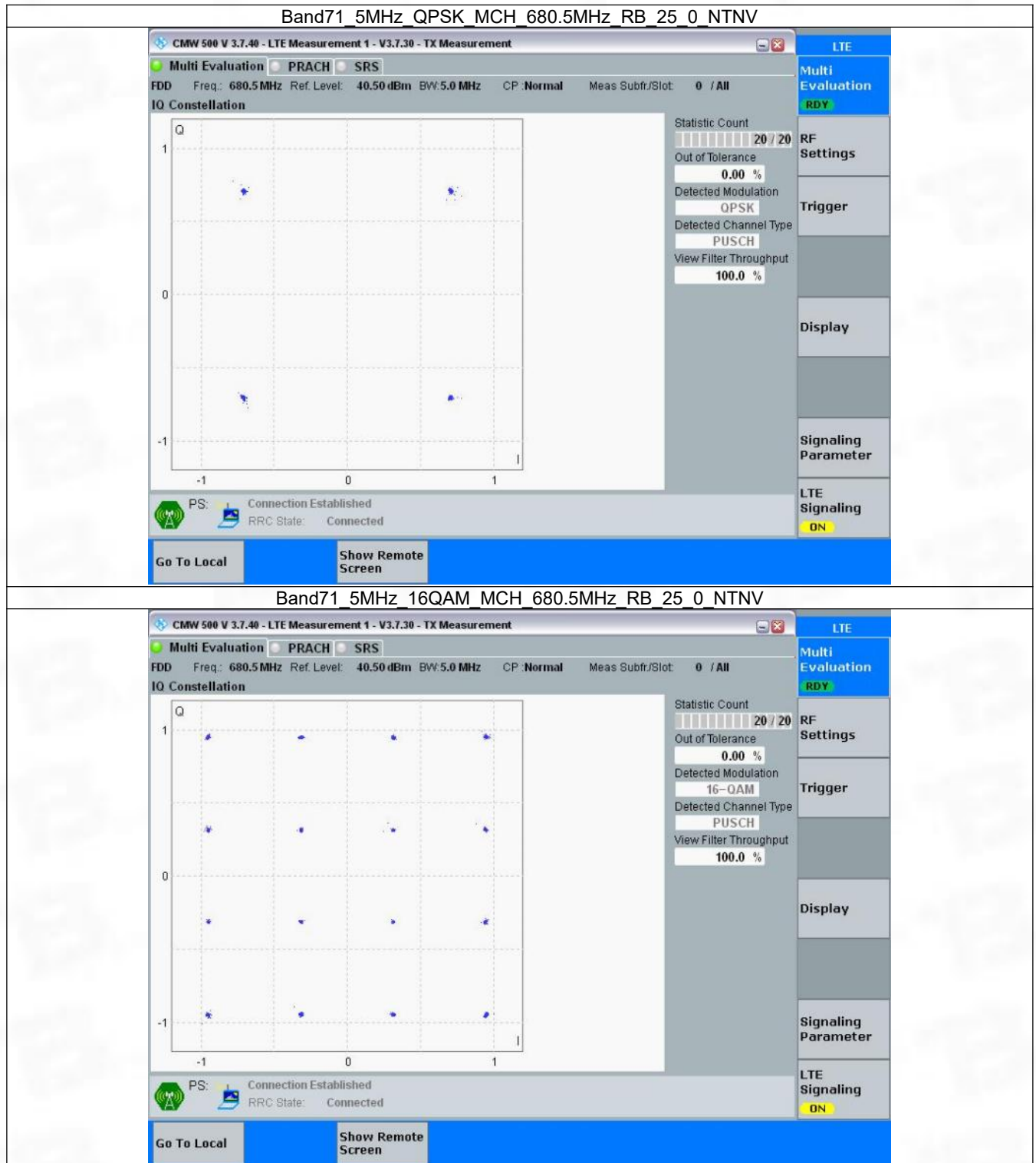
Band: 71 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	680.5	75	0	Refer To Test Graph	
16QAM	680.5	75	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.1.4 B71_20MHz

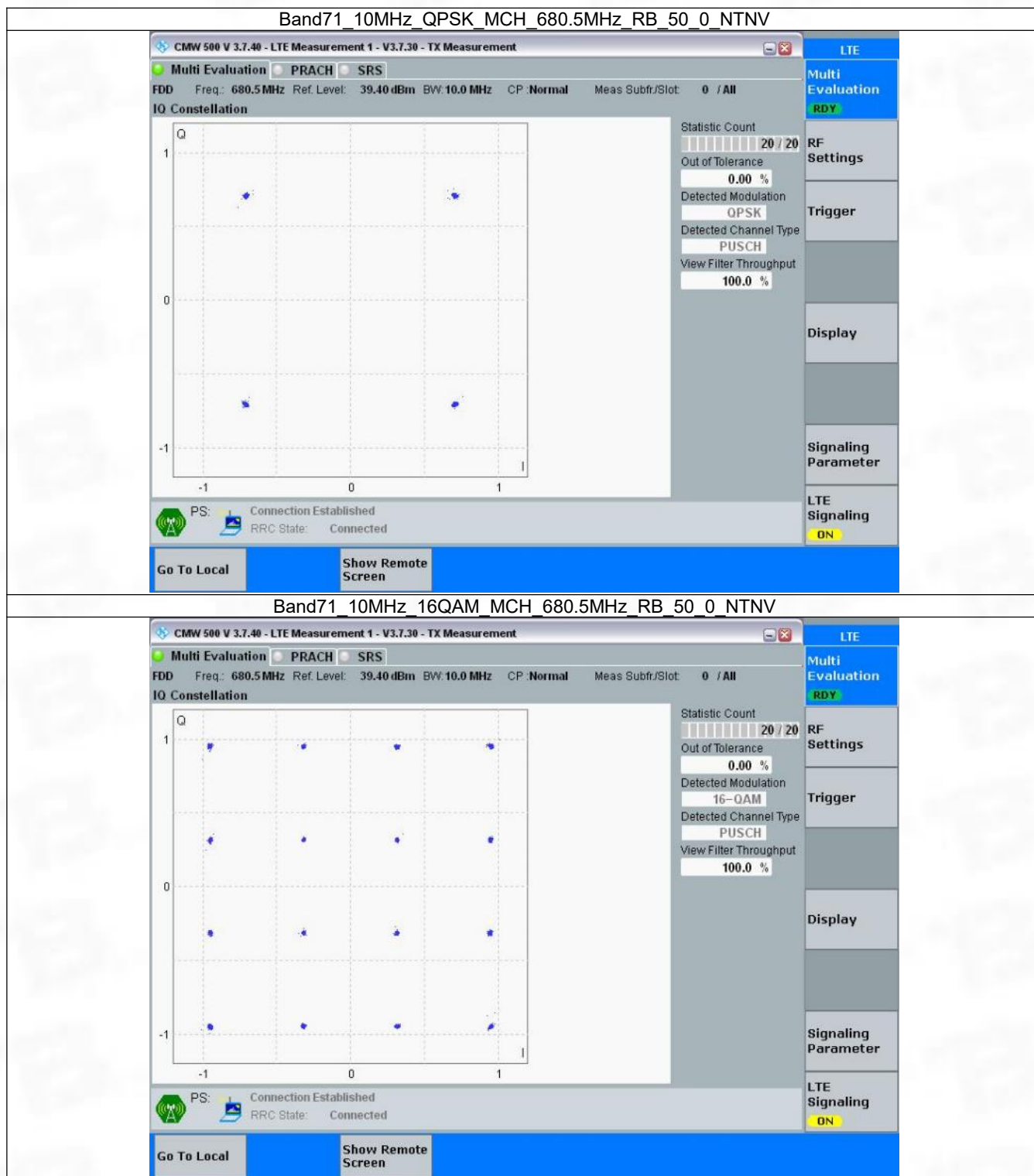
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	683	100	0	Refer To Test Graph	
16QAM	683	100	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.2 Test Graph

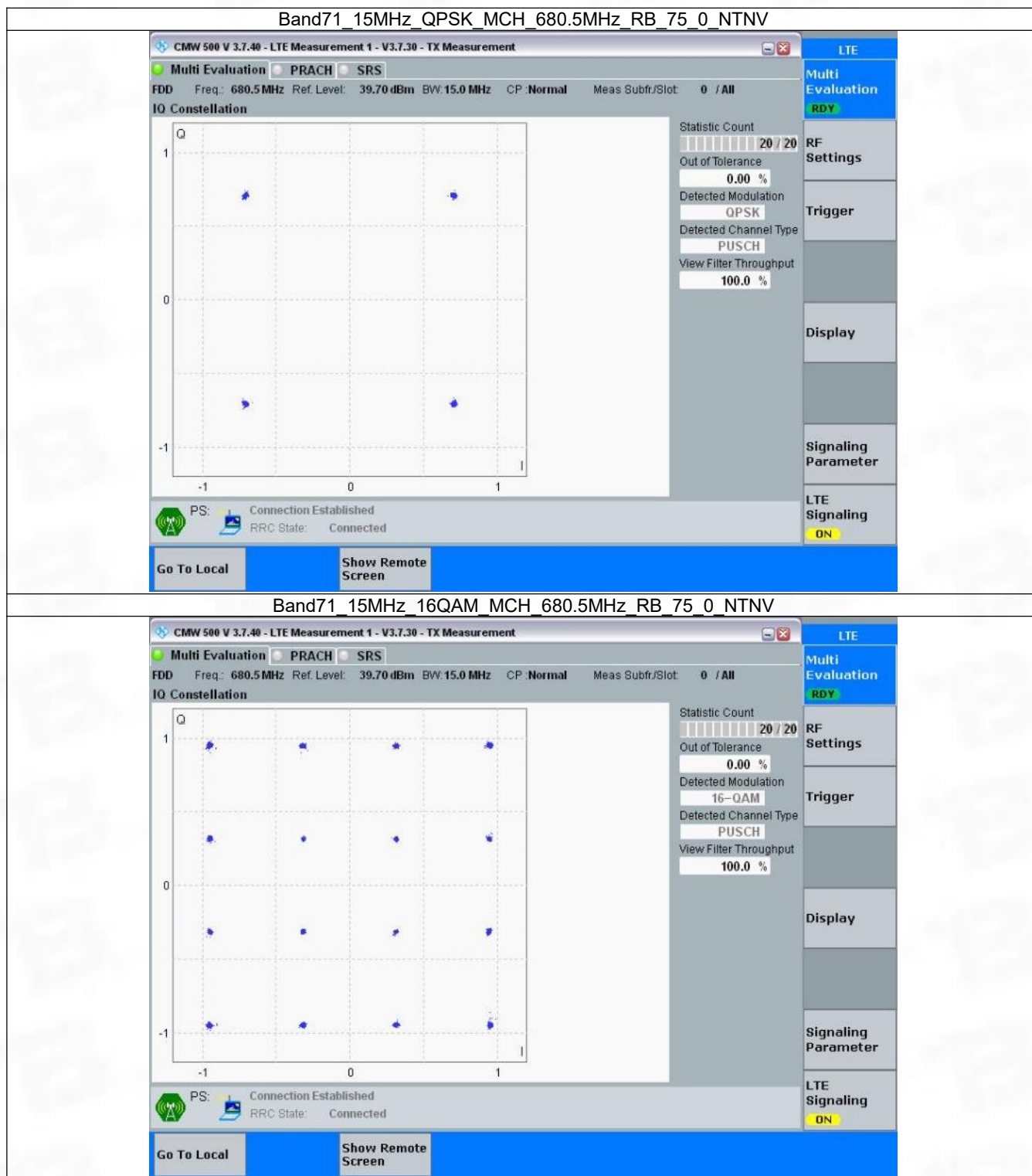
3.2.1 B71_5MHz



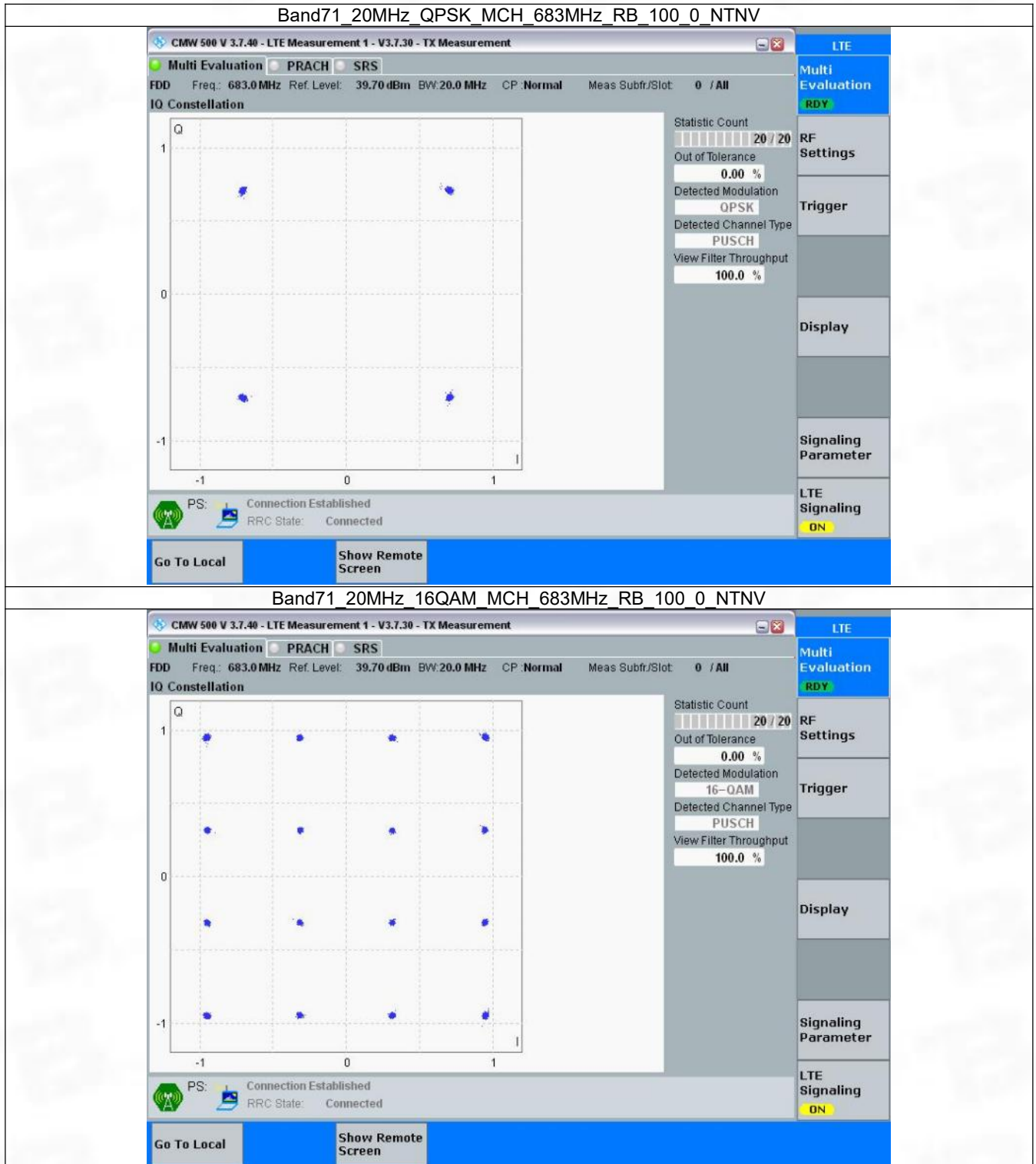
3.2.2 B71_10MHz



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	4.553	/	Pass
		680.5	25	0	4.566	/	Pass
		695.5	25	0	4.538	/	Pass
	16QAM	665.5	25	0	4.557	/	Pass
		680.5	25	0	4.562	/	Pass
		695.5	25	0	4.546	/	Pass
10	QPSK	668	50	0	9.032	/	Pass
		680.5	50	0	9.093	/	Pass
		693	50	0	9.083	/	Pass
	16QAM	668	50	0	9.057	/	Pass
		680.5	50	0	9.098	/	Pass
		693	50	0	9.068	/	Pass
15	QPSK	670.5	75	0	13.529	/	Pass
		680.5	75	0	13.644	/	Pass
		690.5	75	0	13.569	/	Pass
	16QAM	670.5	75	0	13.532	/	Pass
		680.5	75	0	13.658	/	Pass
		690.5	75	0	13.607	/	Pass
20	QPSK	673	100	0	18.185	/	Pass
		683	100	0	18.159	/	Pass
		688	100	0	18.047	/	Pass
	16QAM	673	100	0	18.168	/	Pass
		683	100	0	18.132	/	Pass
		688	100	0	18.118	/	Pass

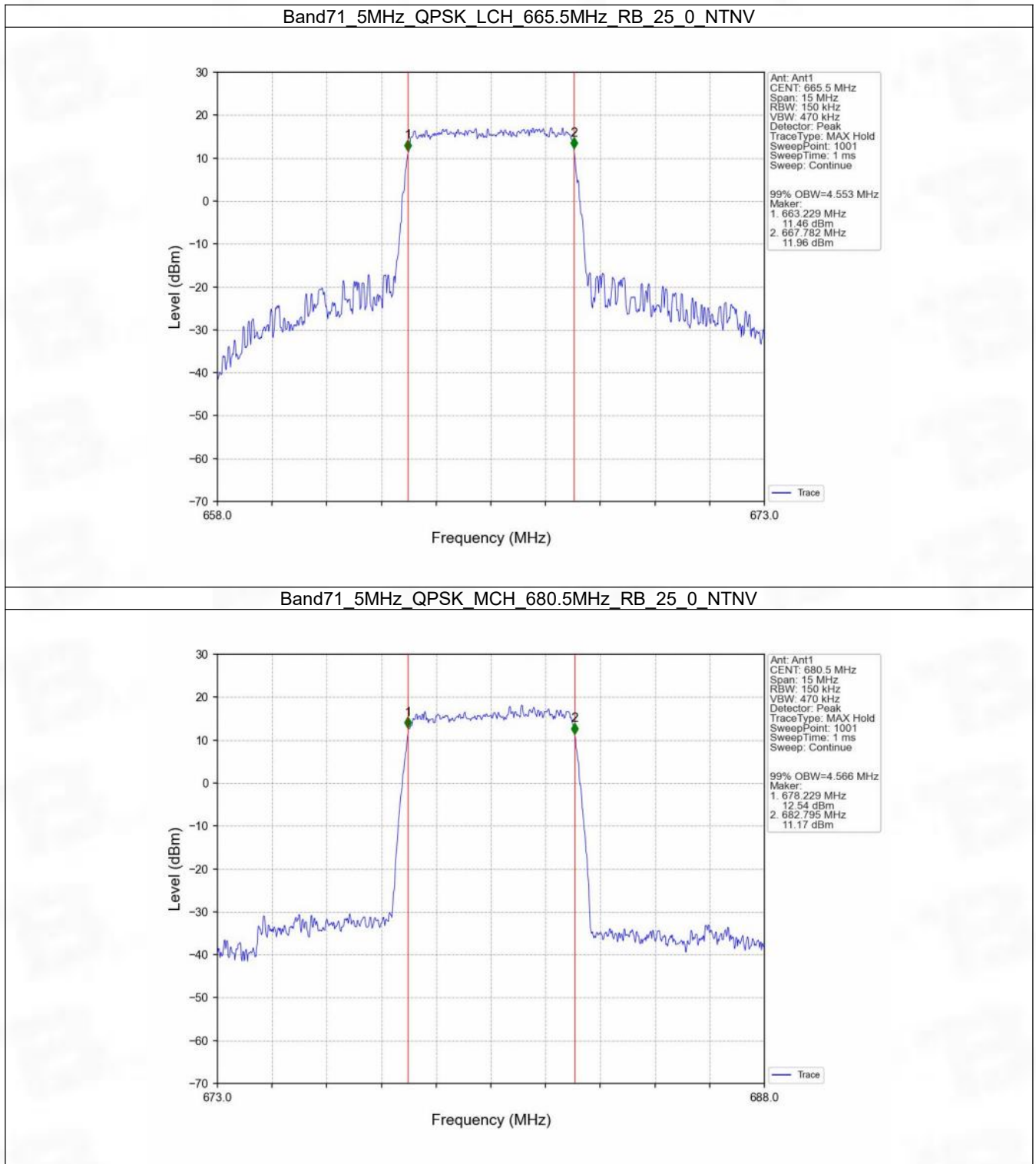
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.061	/	Pass
		680.5	25	0	5.054	/	Pass
		695.5	25	0	5.034	/	Pass
	16QAM	665.5	25	0	5.051	/	Pass
		680.5	25	0	5.043	/	Pass
		695.5	25	0	5.075	/	Pass
10	QPSK	668	50	0	10.003	/	Pass
		680.5	50	0	10.010	/	Pass
		693	50	0	10.061	/	Pass
	16QAM	668	50	0	10.041	/	Pass
		680.5	50	0	10.034	/	Pass
		693	50	0	10.046	/	Pass
15	QPSK	670.5	75	0	15.061	/	Pass
		680.5	75	0	15.195	/	Pass
		690.5	75	0	15.043	/	Pass

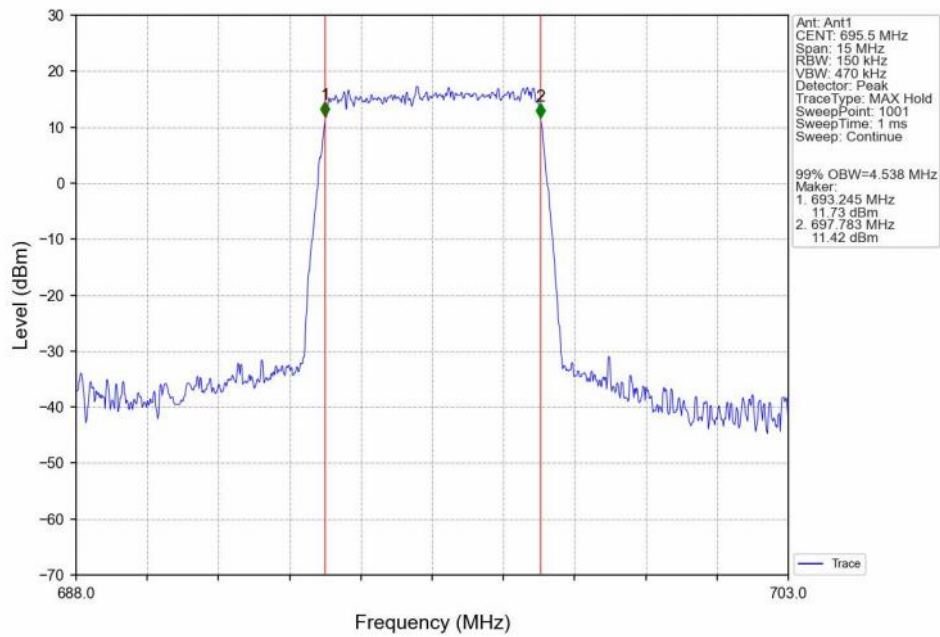
20	16QAM	670.5	75	0	14.997	/	Pass
		680.5	75	0	14.787	/	Pass
		690.5	75	0	15.150	/	Pass
	QPSK	673	100	0	20.041	/	Pass
		683	100	0	19.894	/	Pass
		688	100	0	19.912	/	Pass
	16QAM	673	100	0	20.123	/	Pass
		683	100	0	19.895	/	Pass
		688	100	0	19.976	/	Pass

4.2 Test Graph

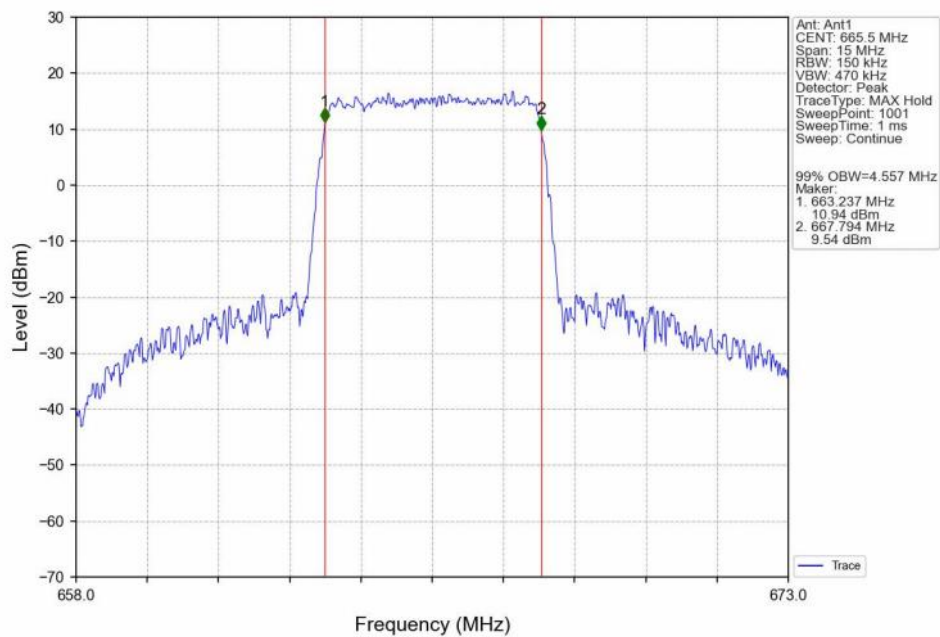
4.2.1 Band71_OBW



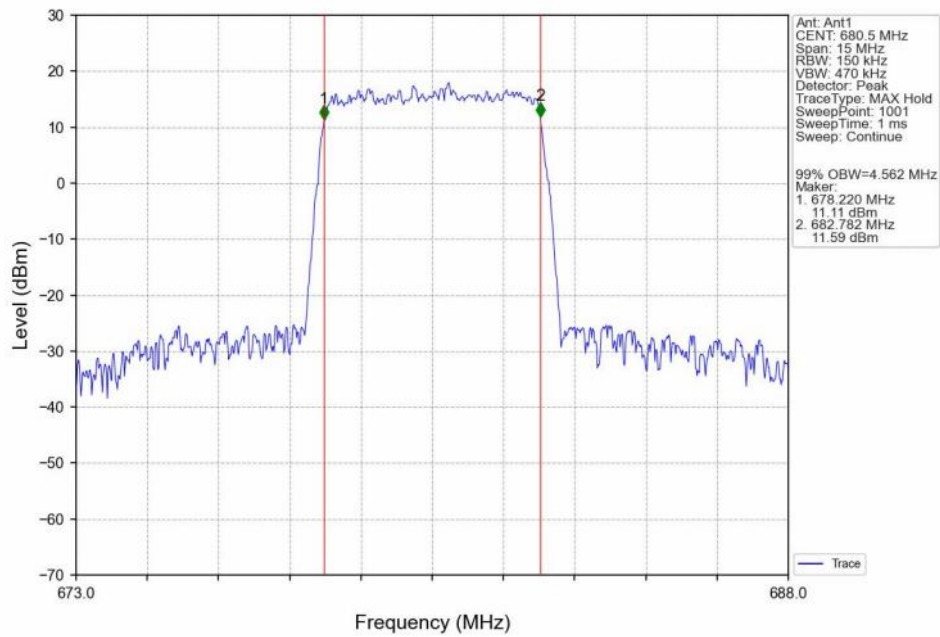
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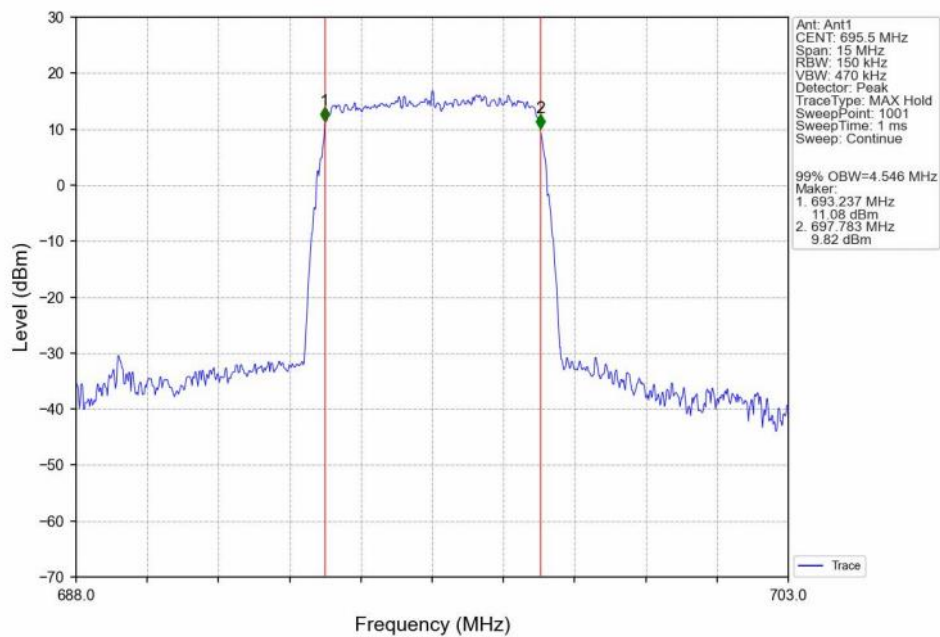
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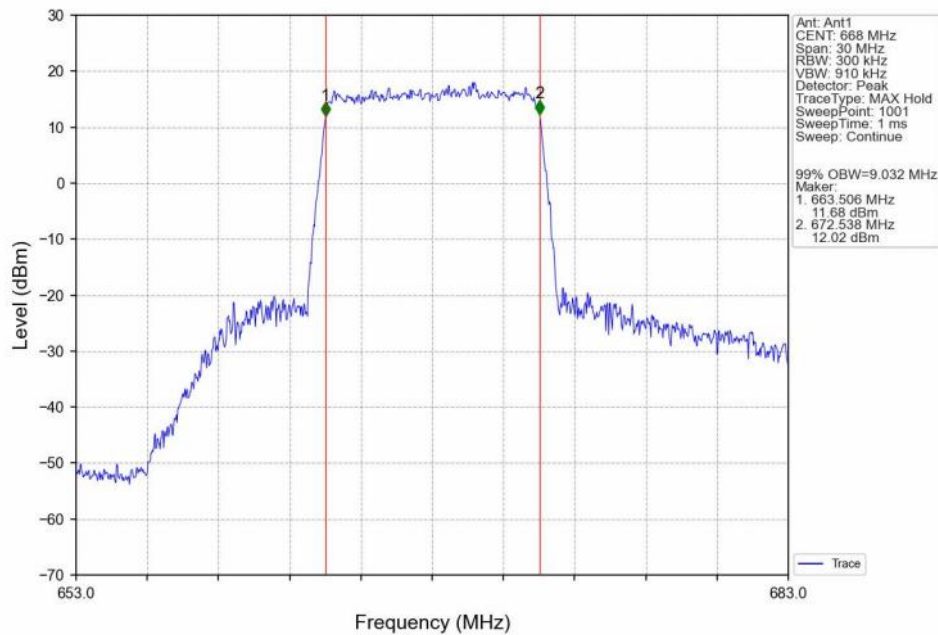
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



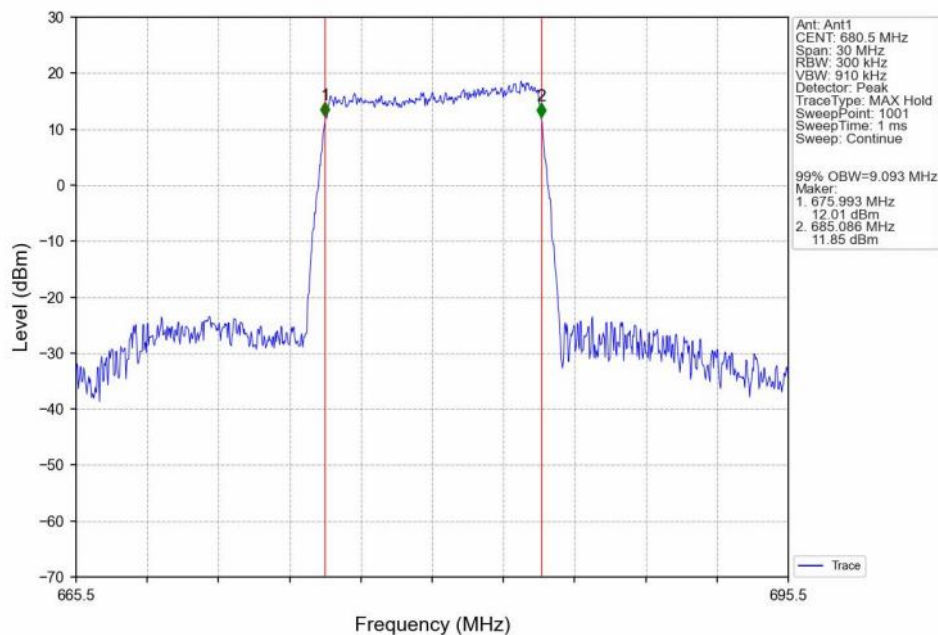
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



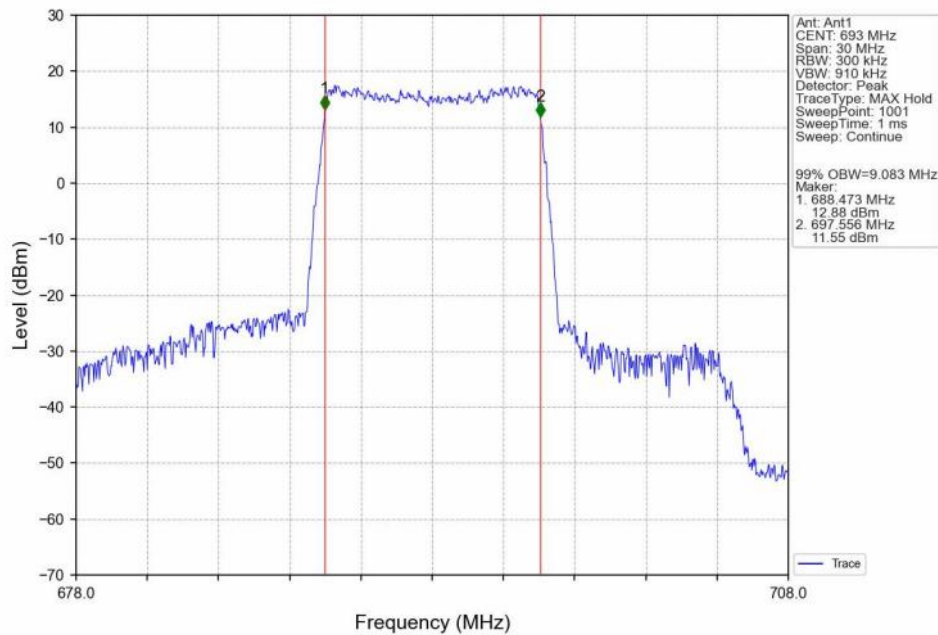
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



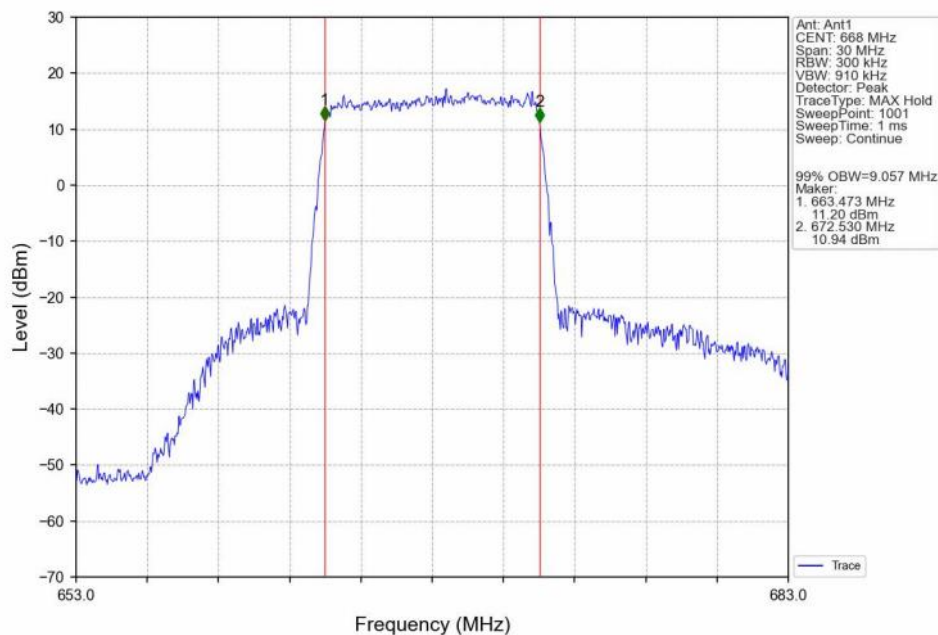
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



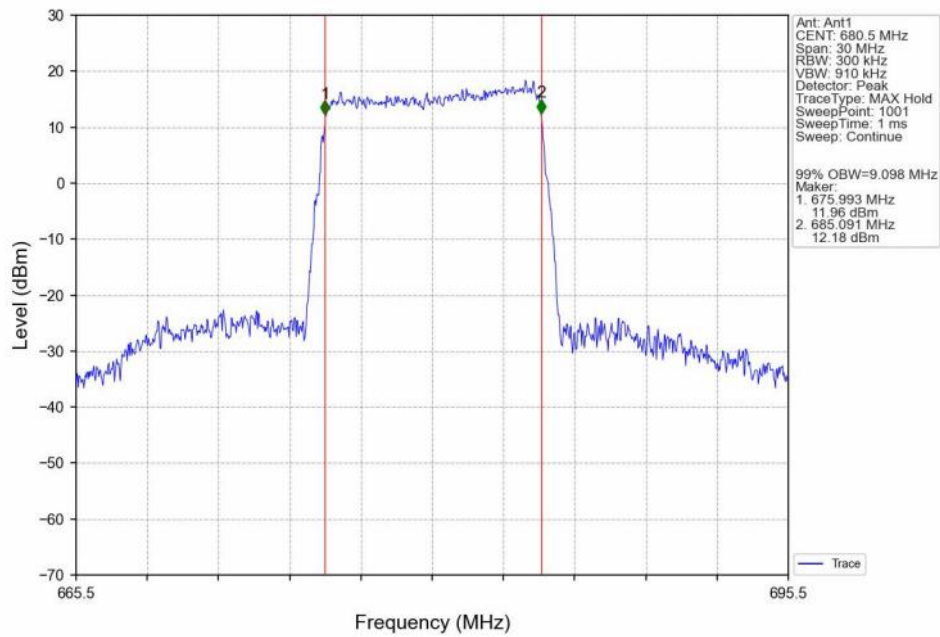
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



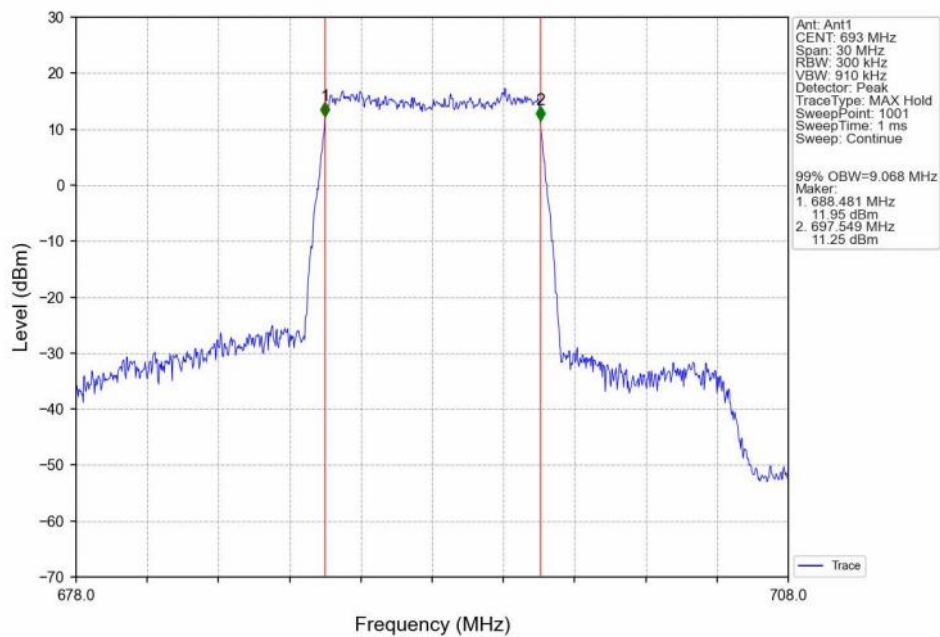
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



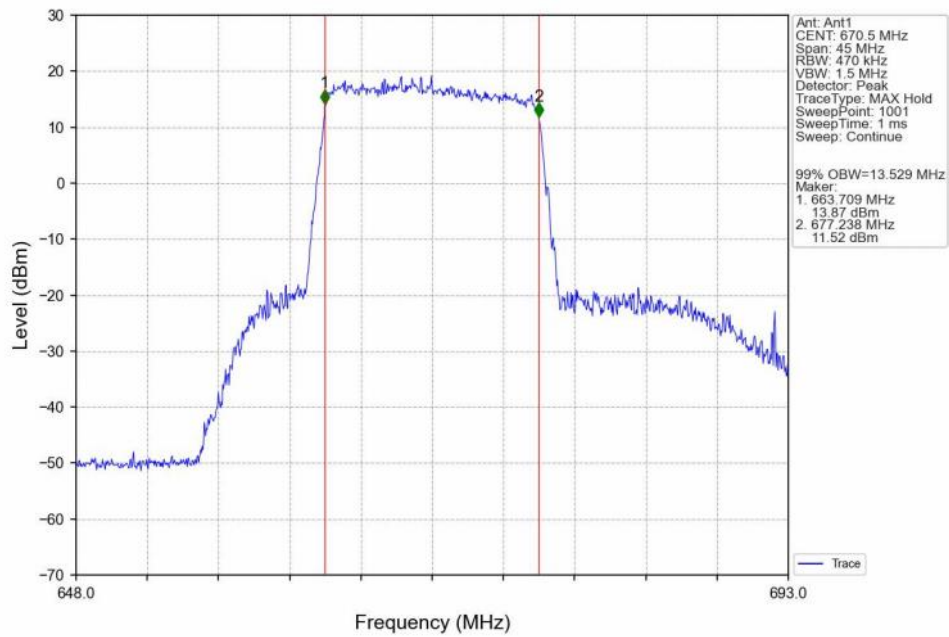
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



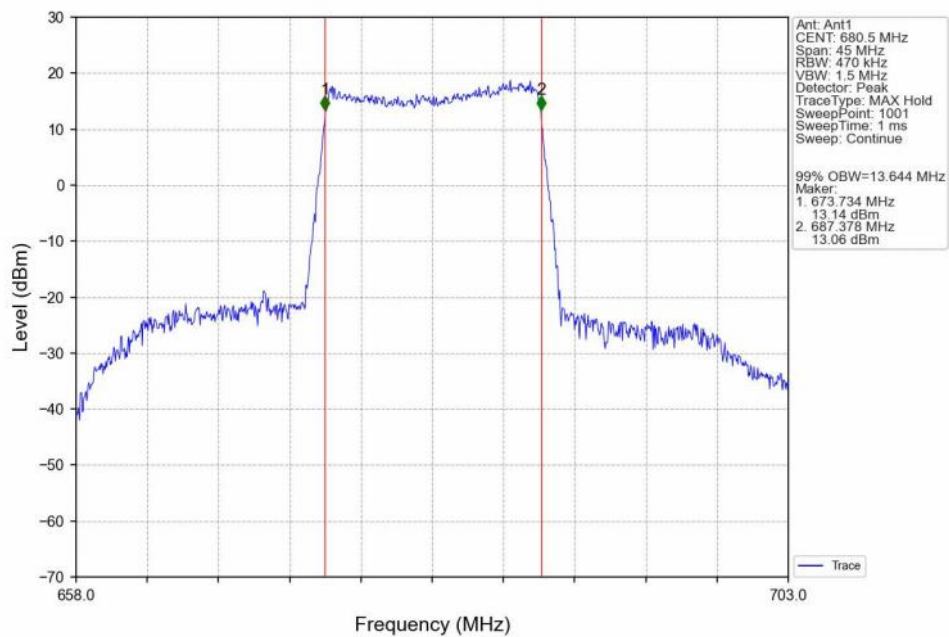
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



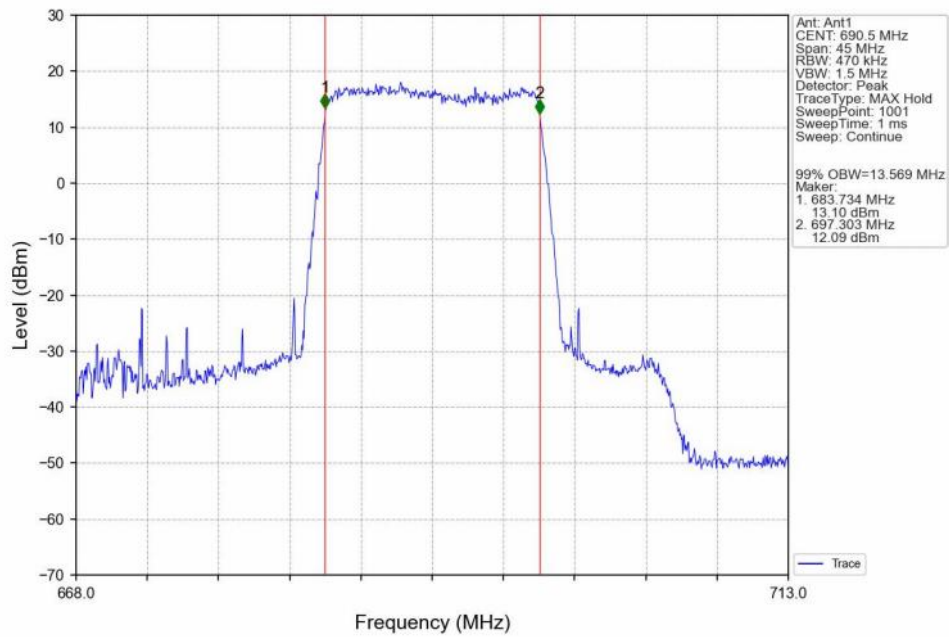
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



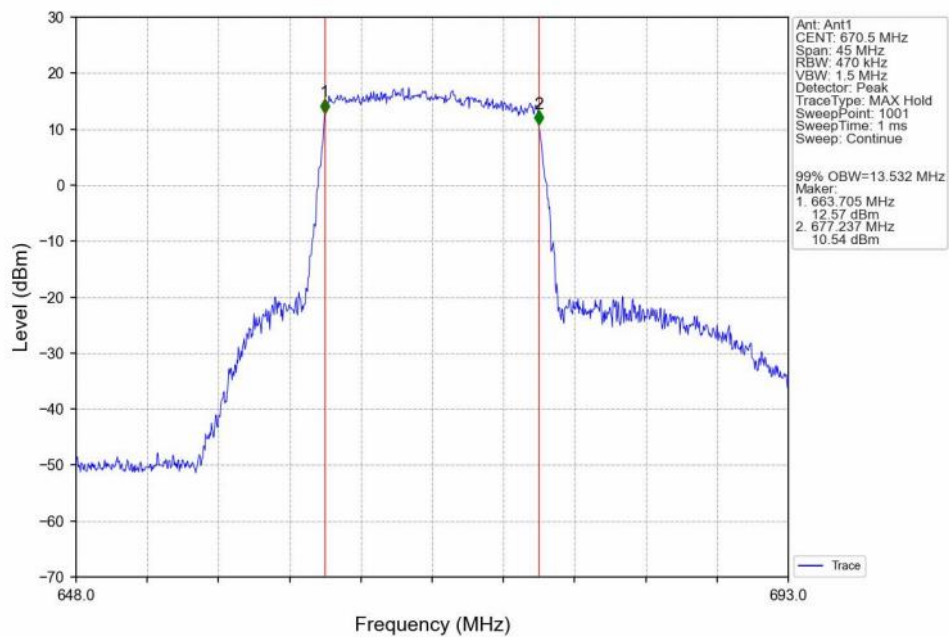
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



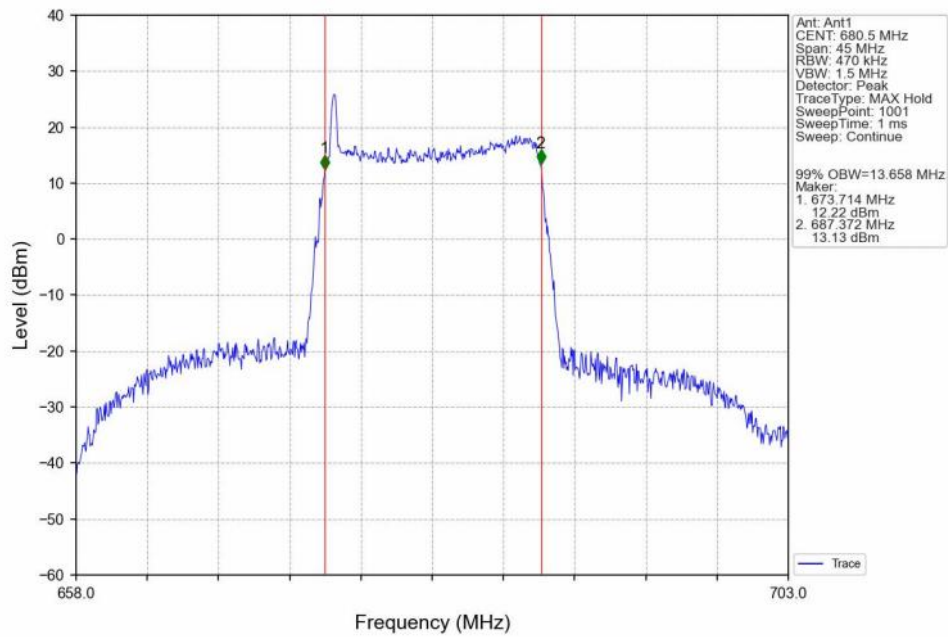
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



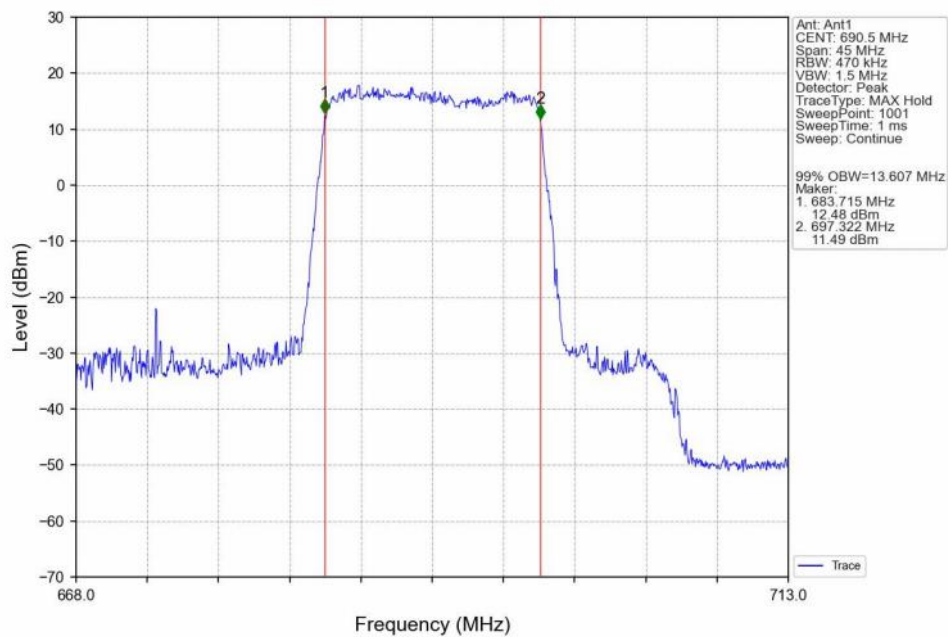
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



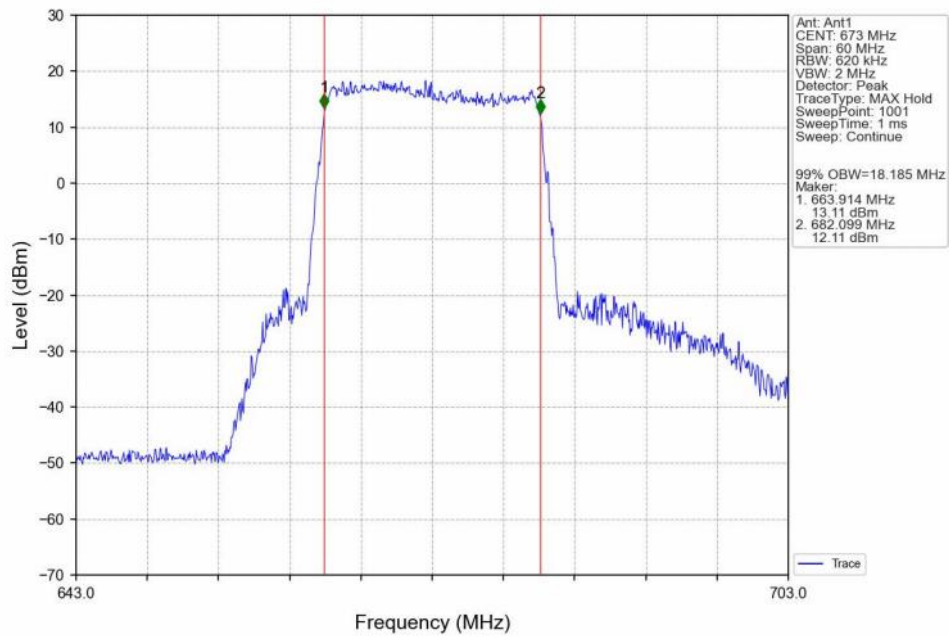
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



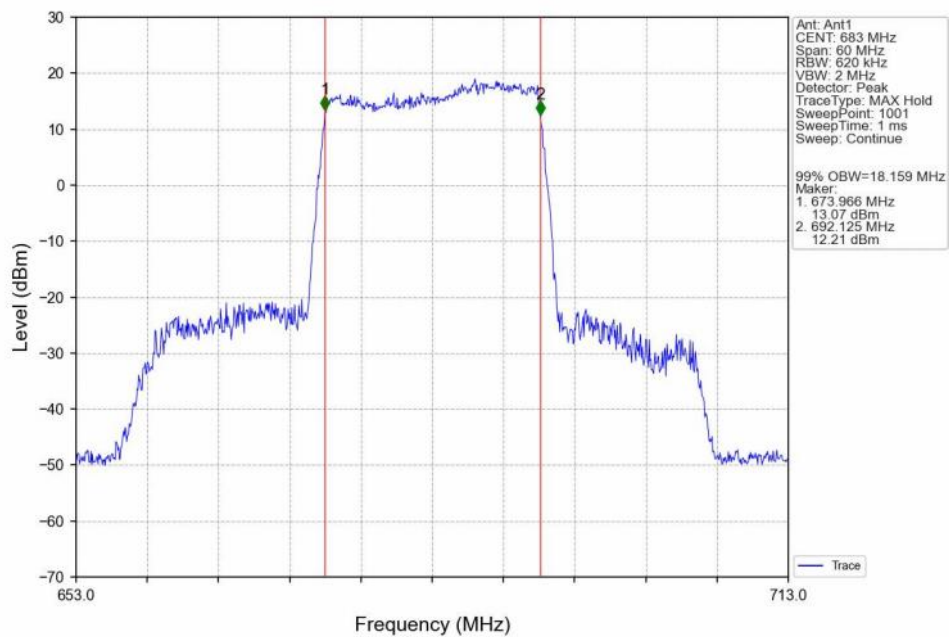
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



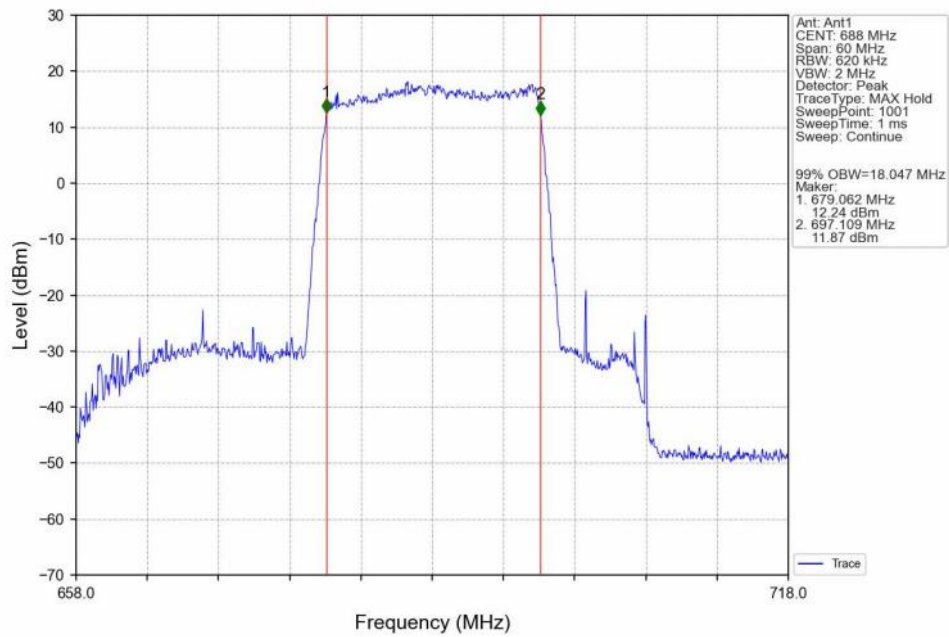
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



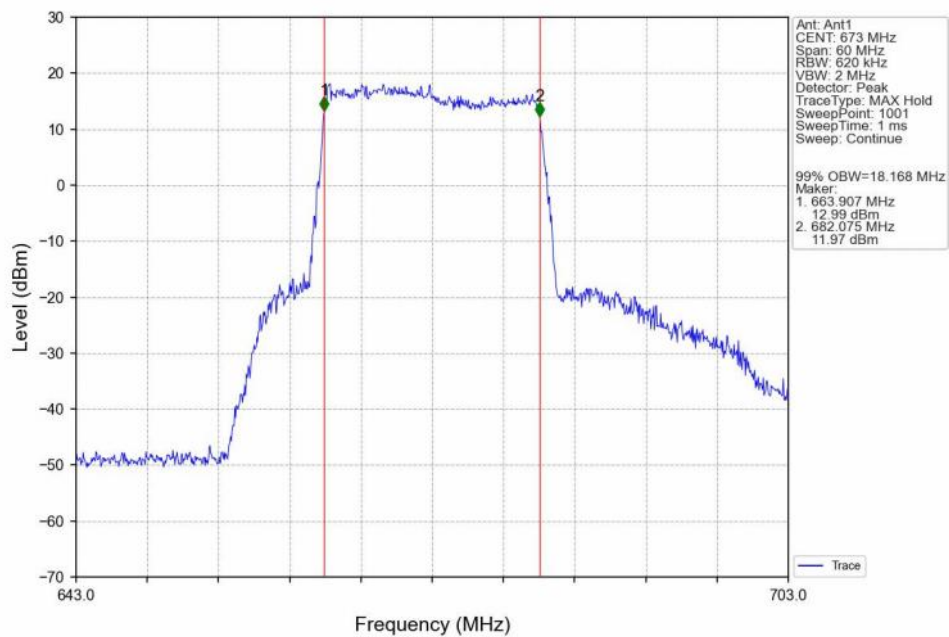
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



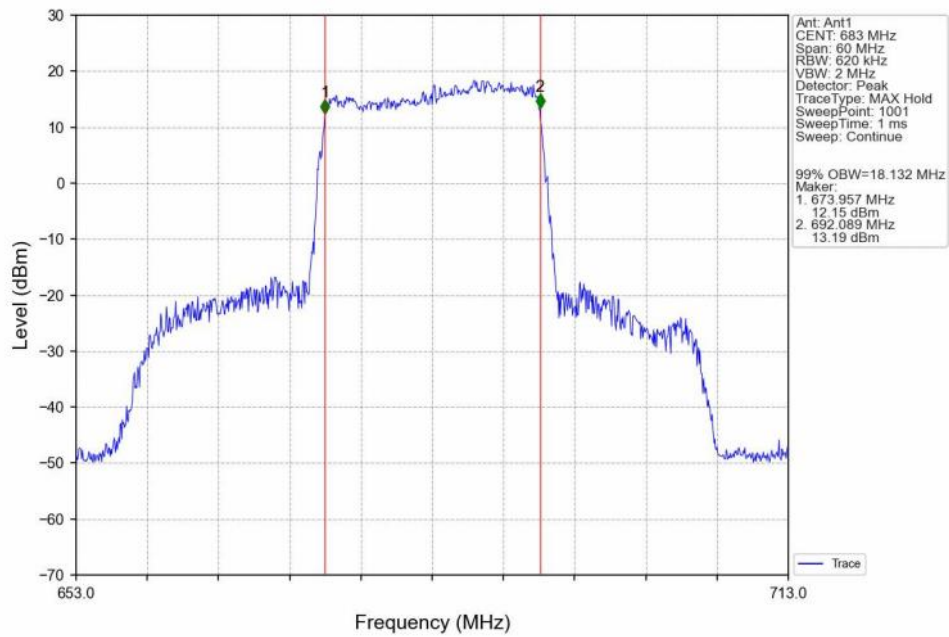
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



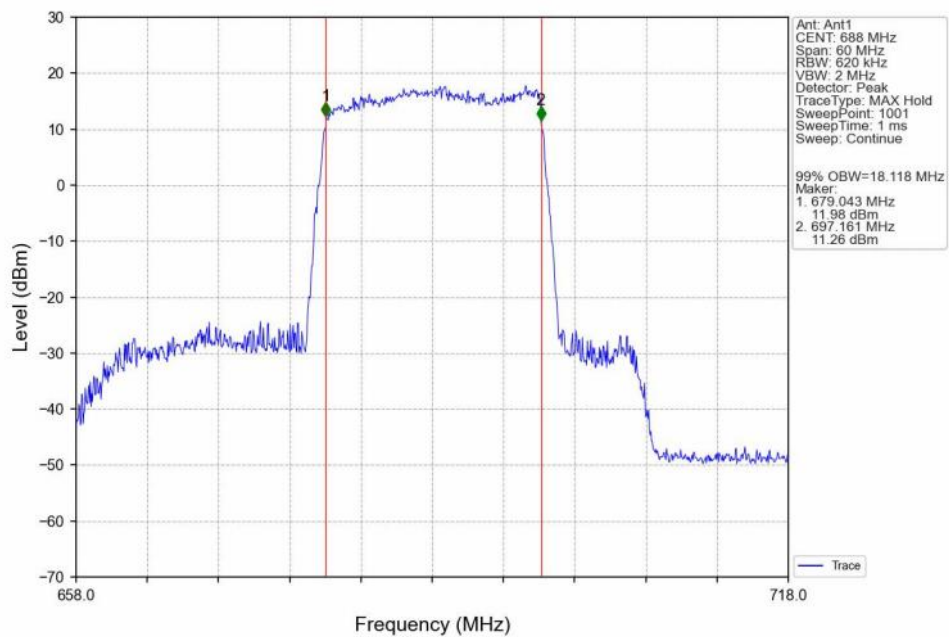
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



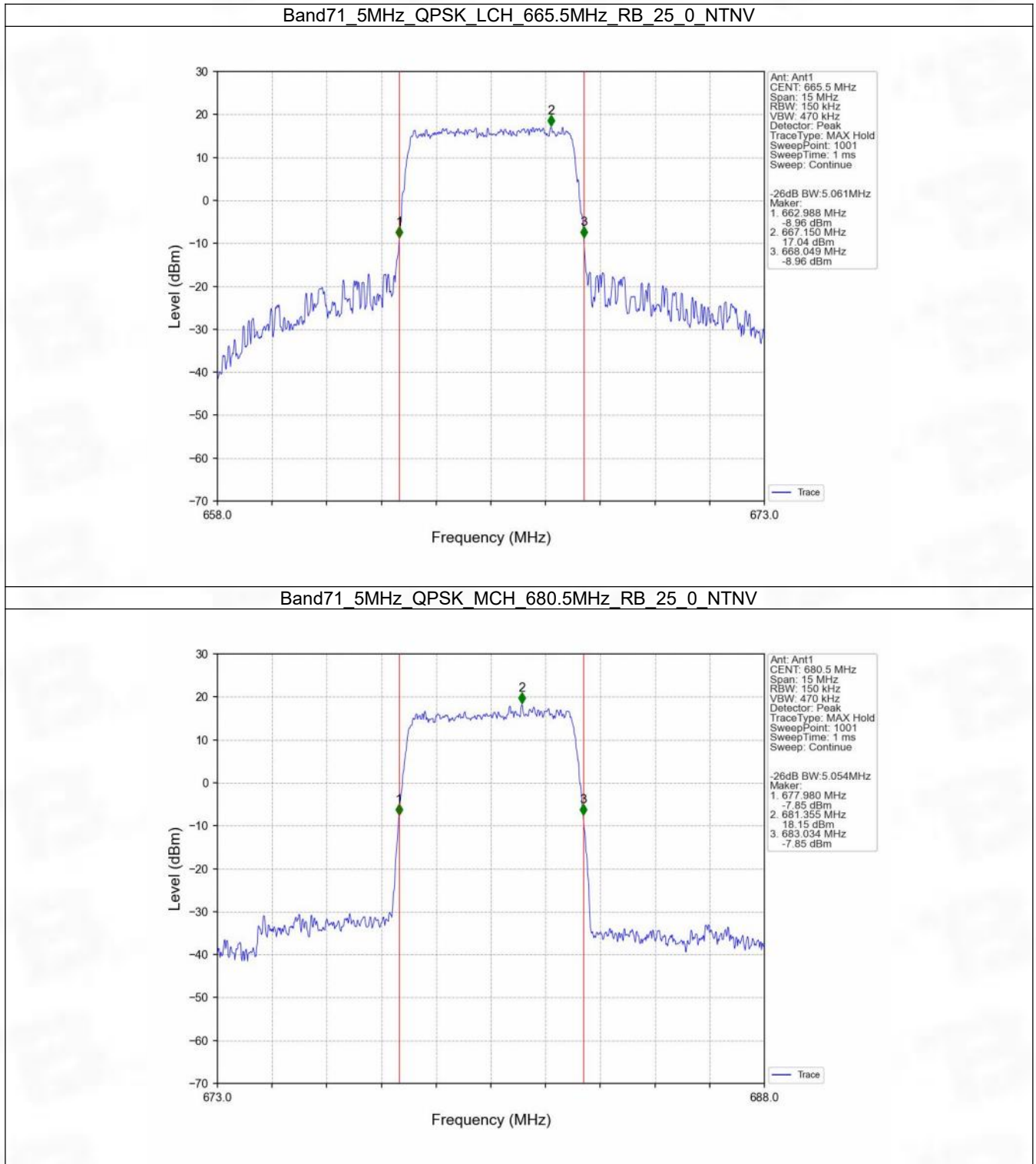
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



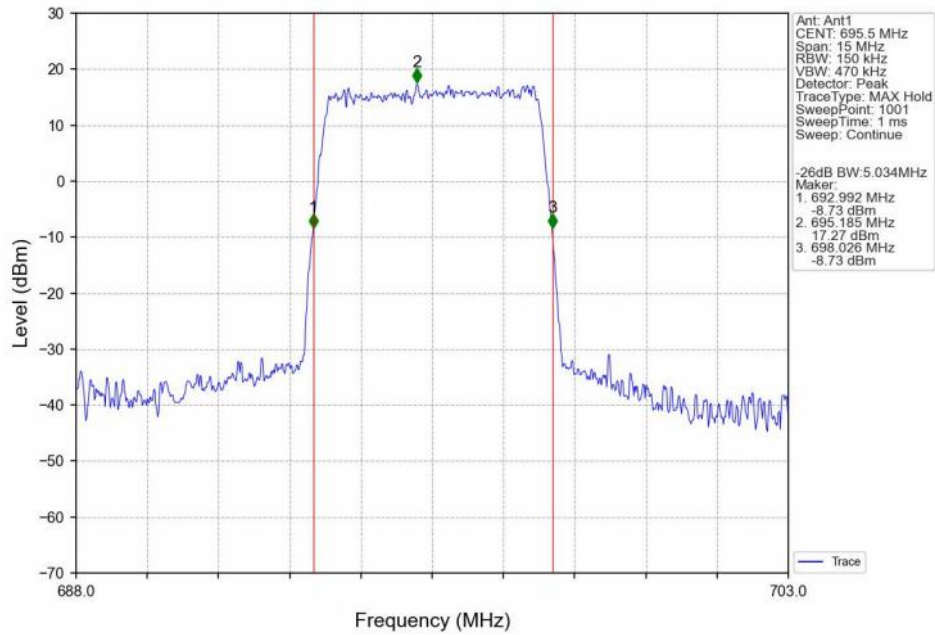
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



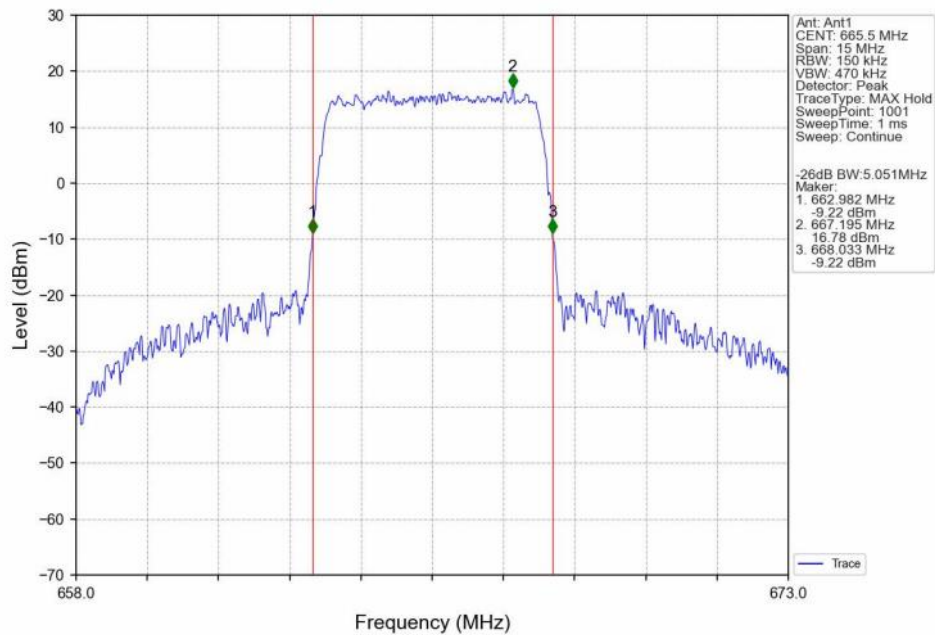
4.2.2 Band71_XDB



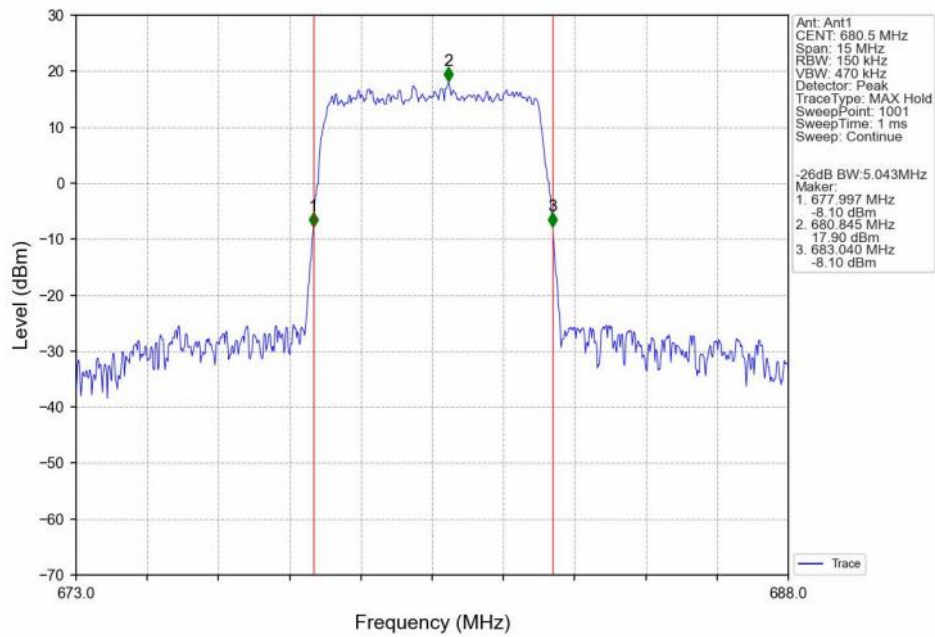
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



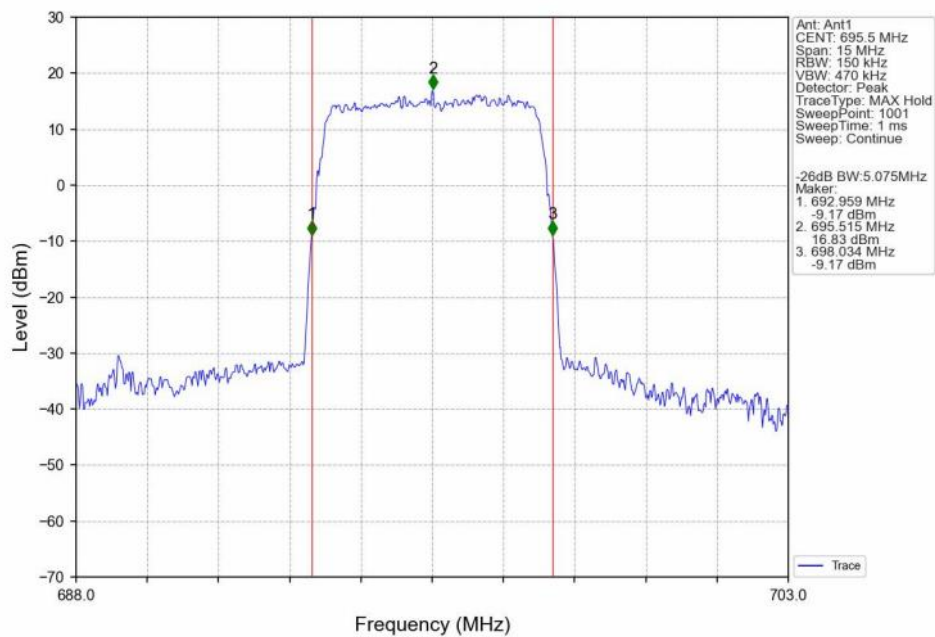
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



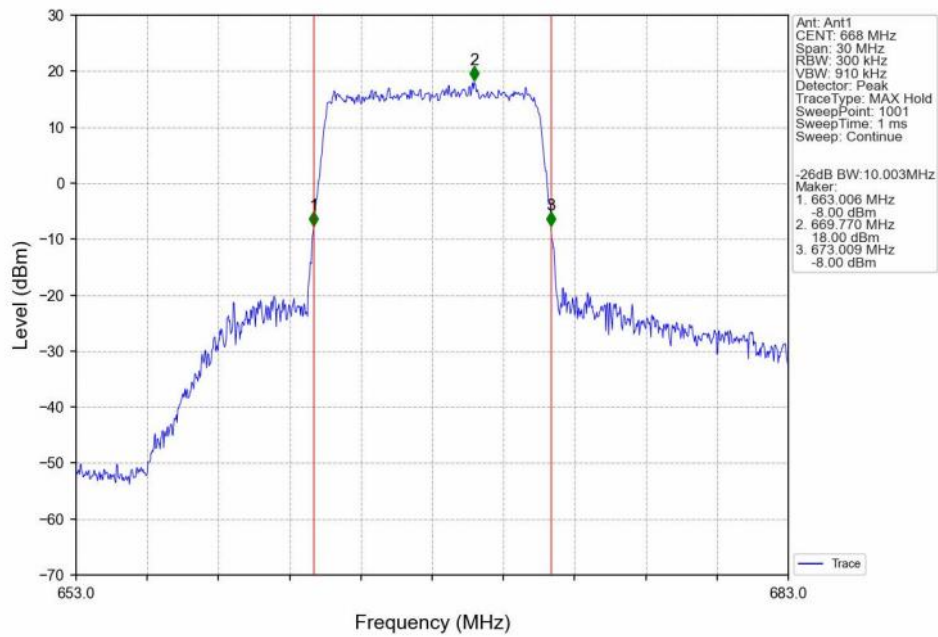
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



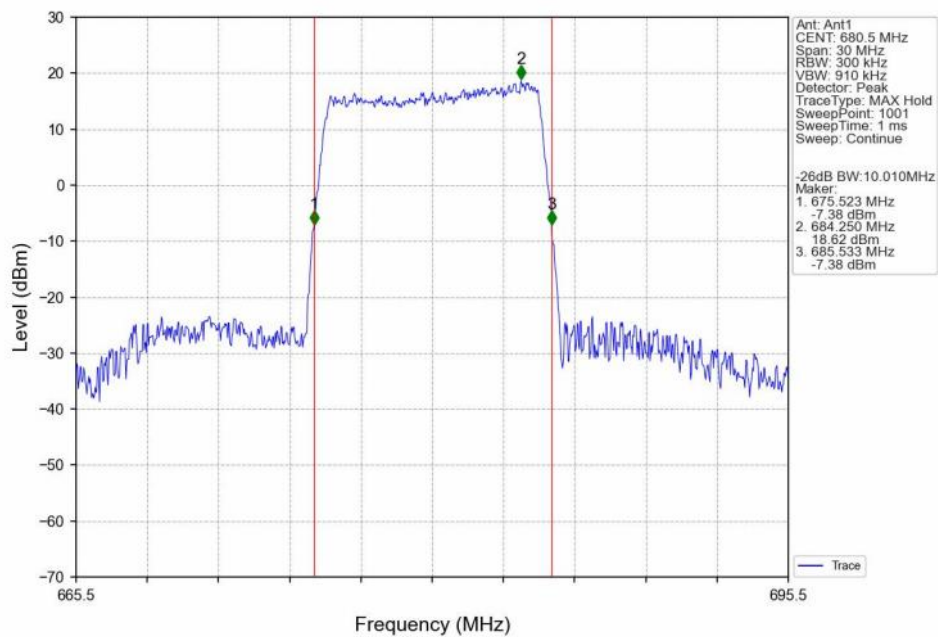
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



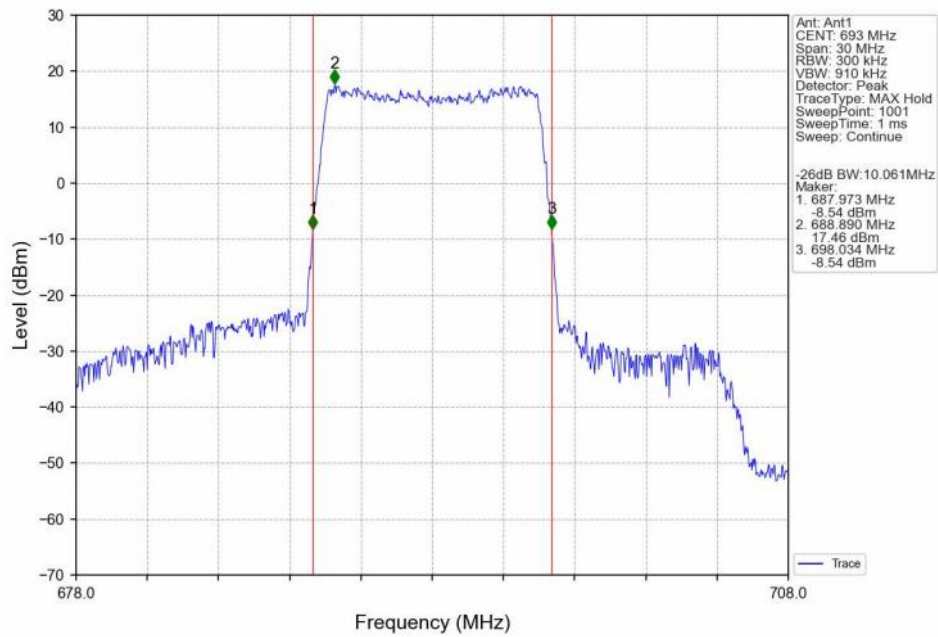
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



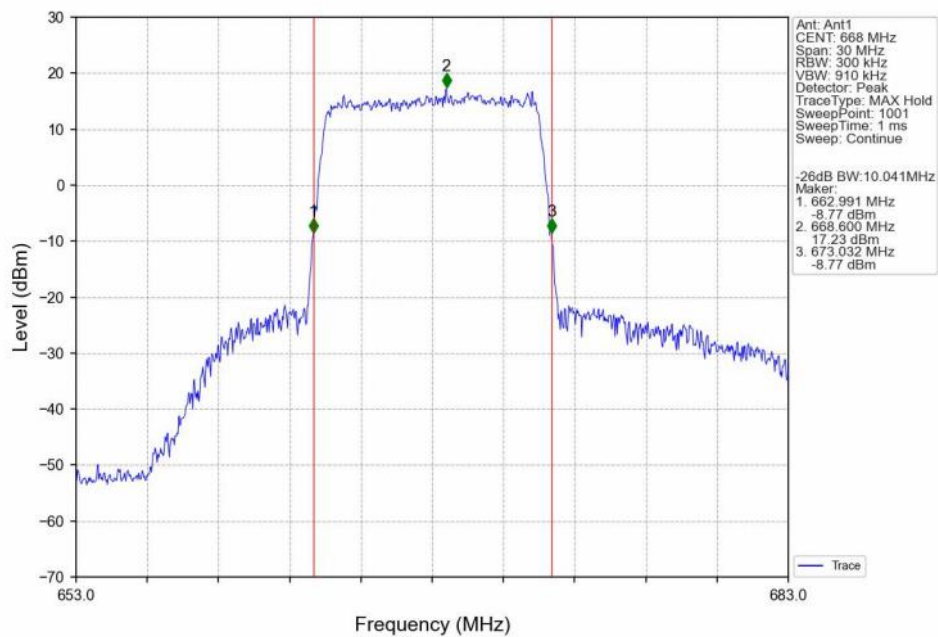
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



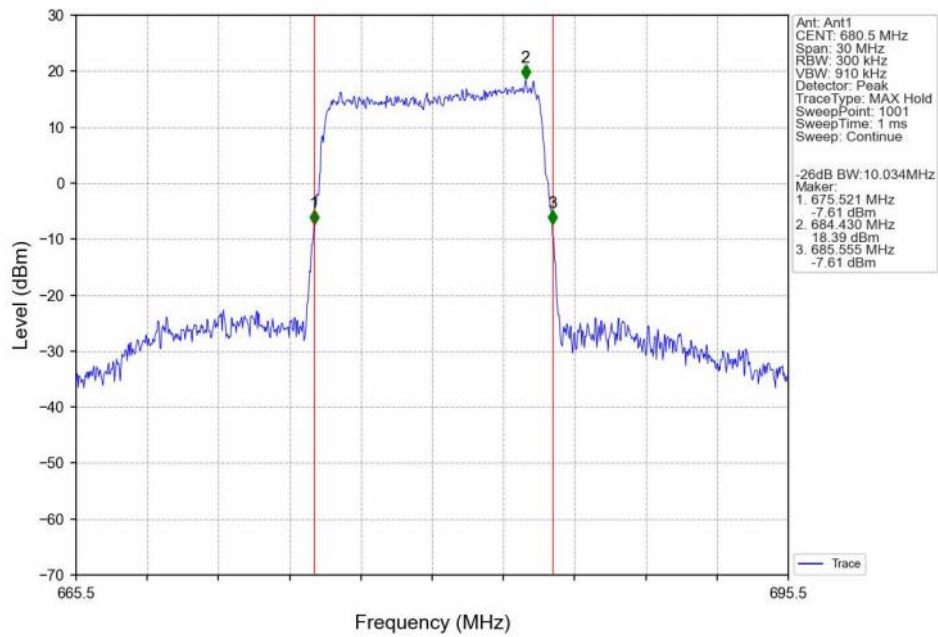
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



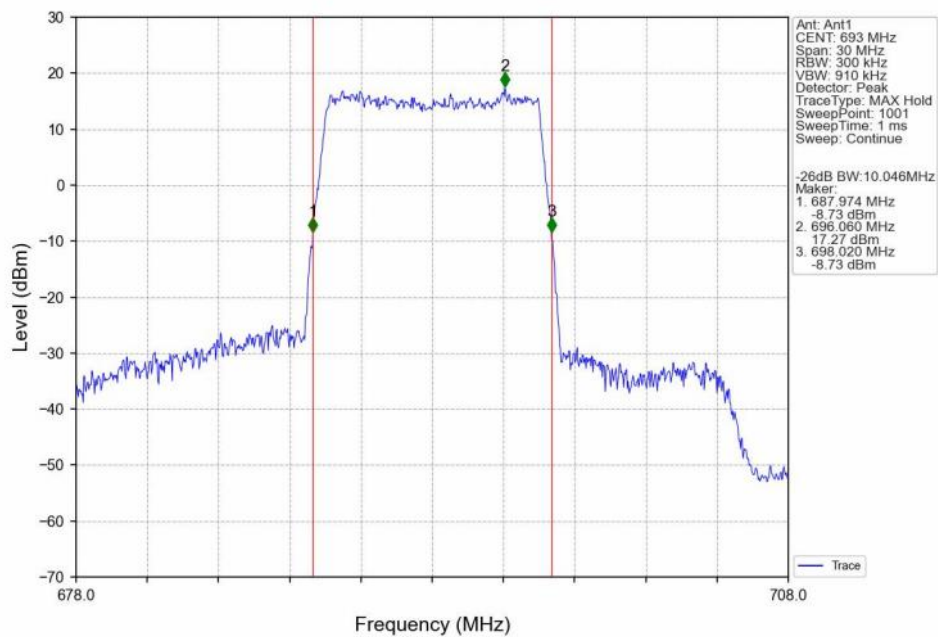
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



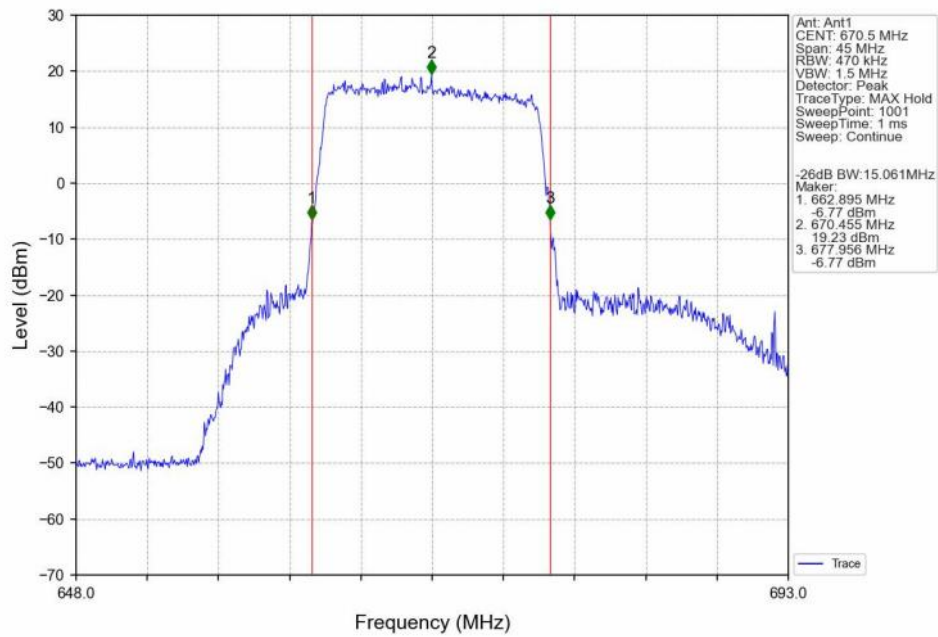
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



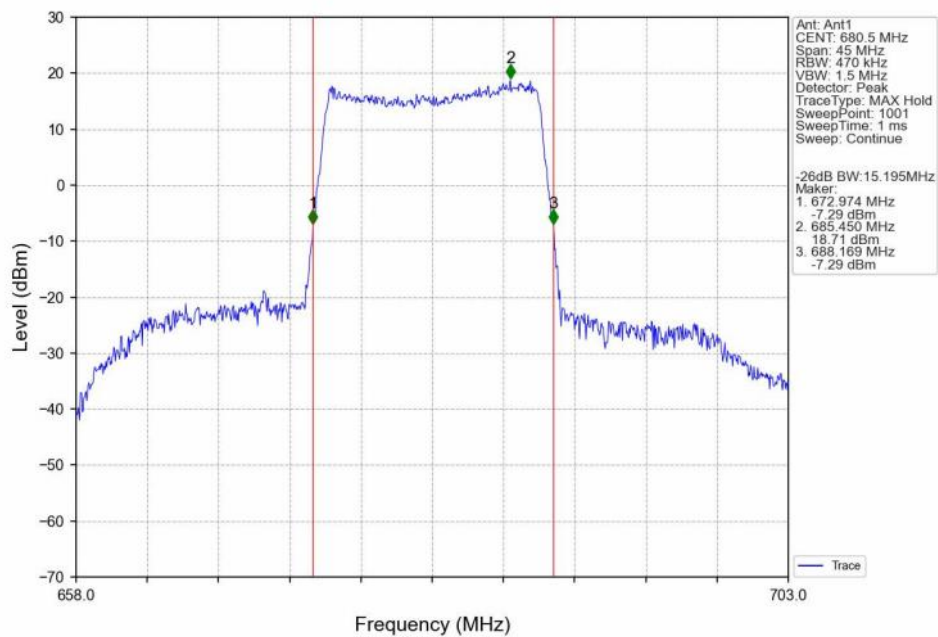
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



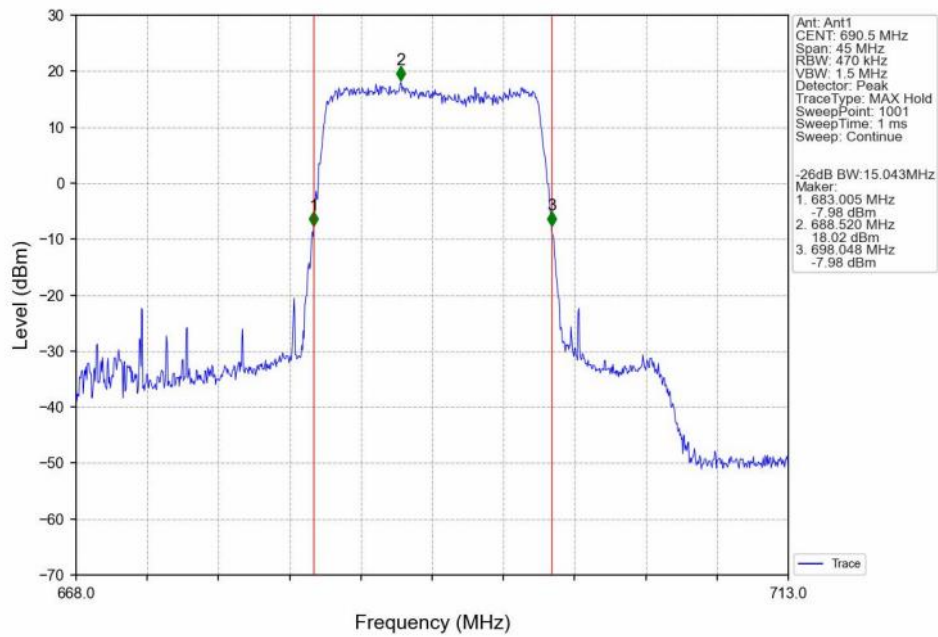
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



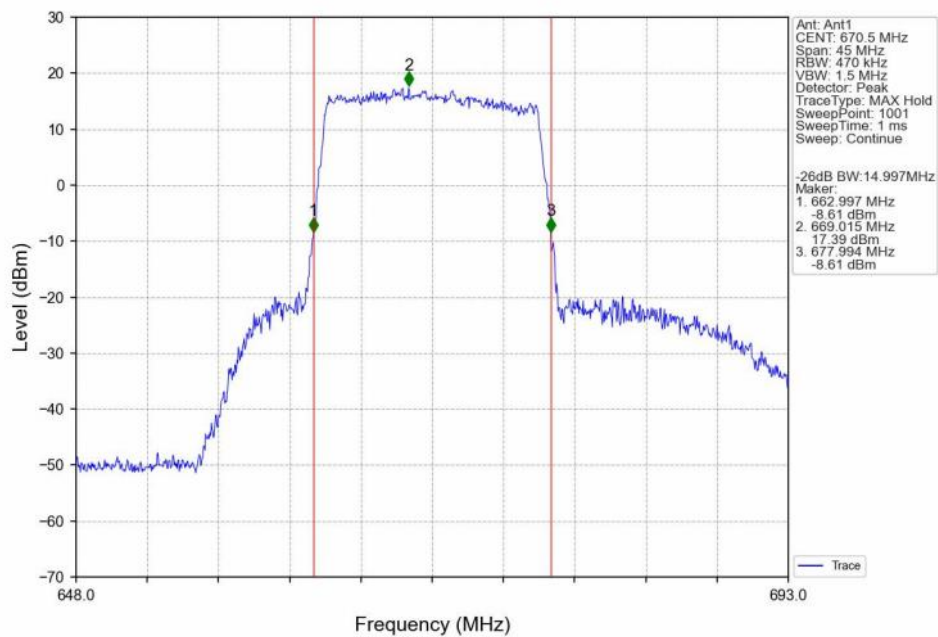
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



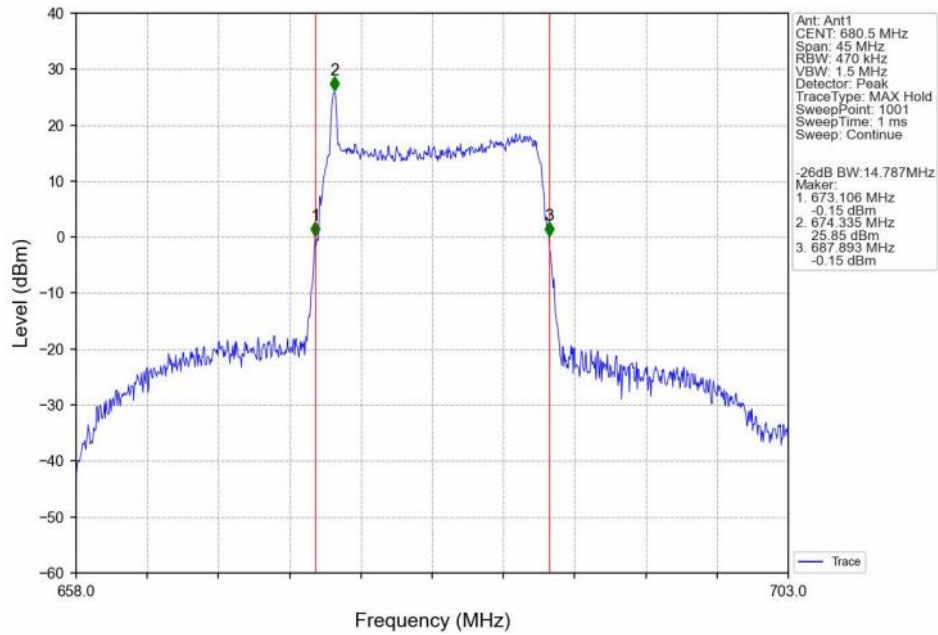
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



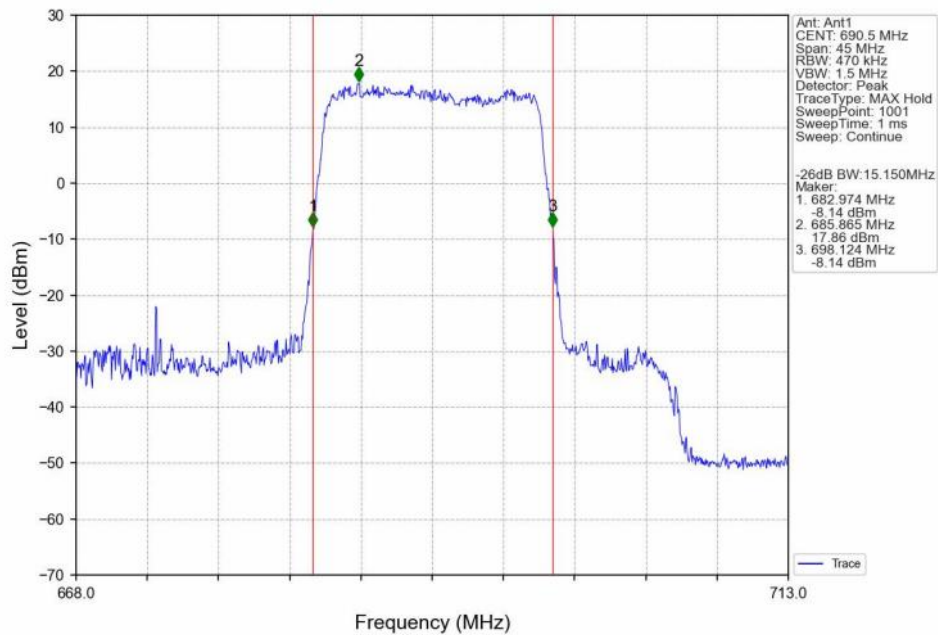
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



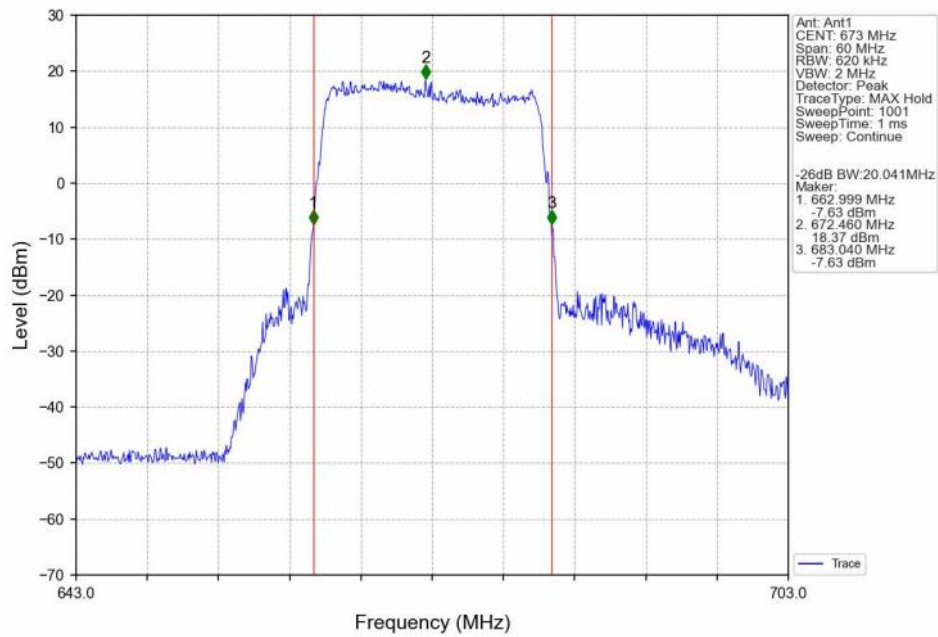
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



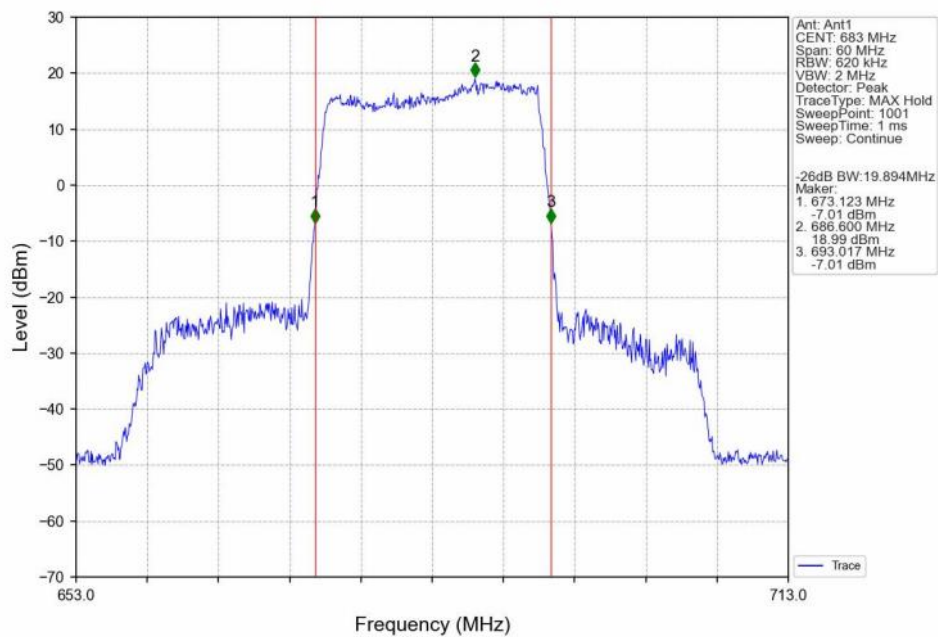
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



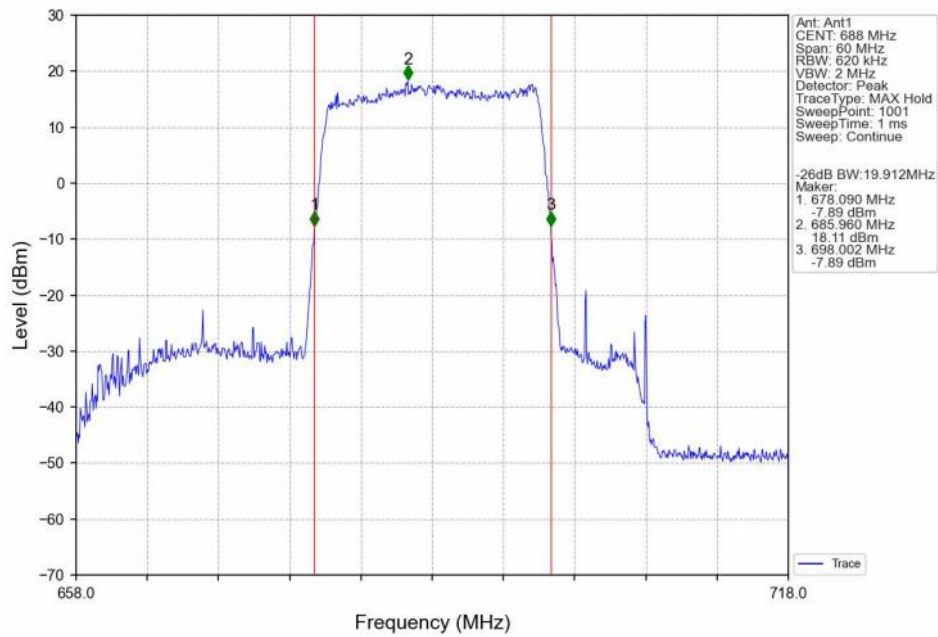
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



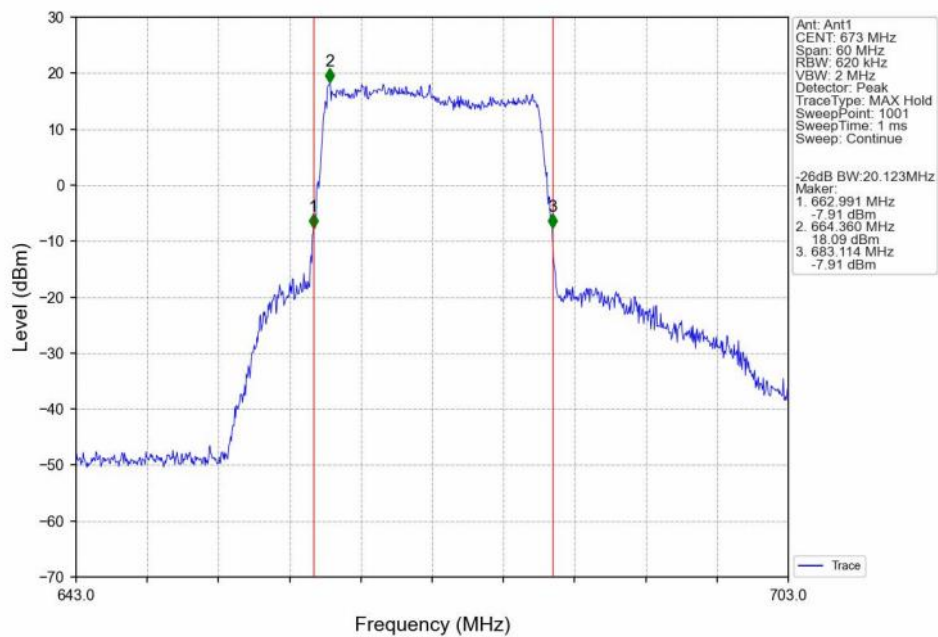
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



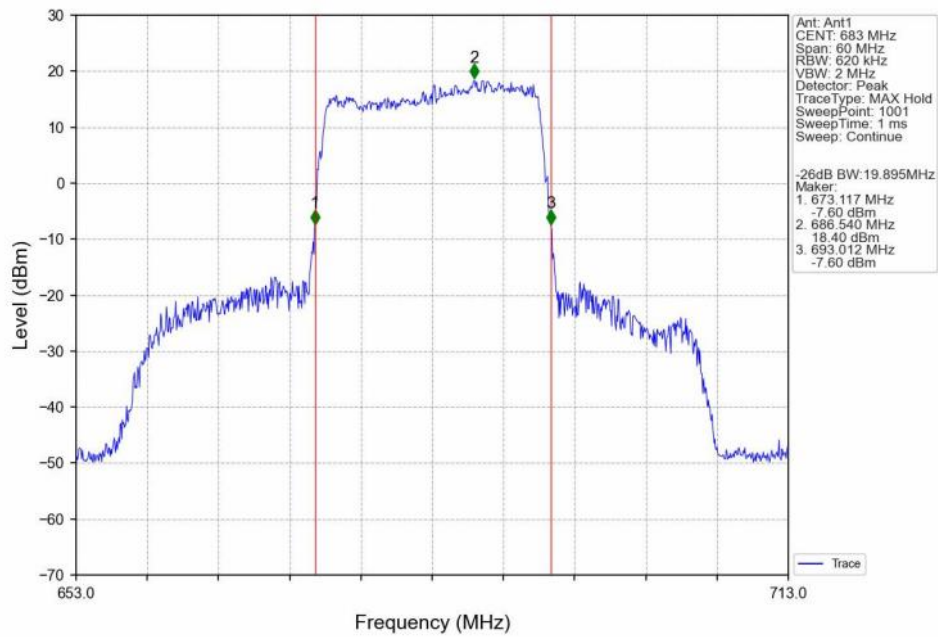
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



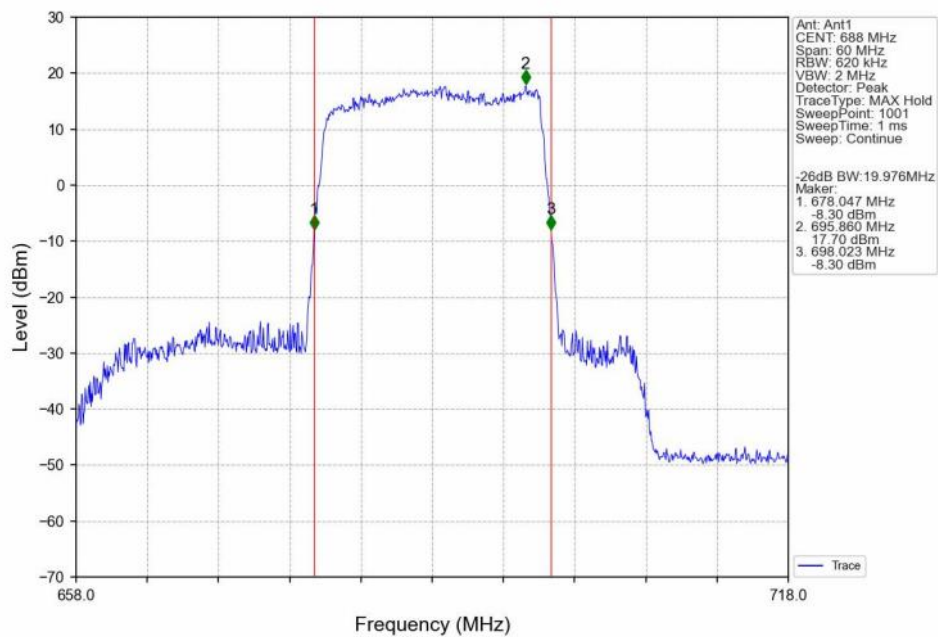
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



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	5.79	≤ 13	Pass
	680.5	25	0	5.83	≤ 13	Pass
	695.5	25	0	5.71	≤ 13	Pass
16QAM	665.5	25	0	6.54	≤ 13	Pass
	680.5	25	0	6.47	≤ 13	Pass
	695.5	25	0	6.50	≤ 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	8.42	≤ 13	Pass
	680.5	50	0	5.95	≤ 13	Pass
	693	50	0	5.90	≤ 13	Pass
16QAM	668	50	0	6.57	≤ 13	Pass
	680.5	50	0	6.56	≤ 13	Pass
	693	50	0	6.59	≤ 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	5.62	≤ 13	Pass
	680.5	75	0	6.19	≤ 13	Pass
	690.5	75	0	6.12	≤ 13	Pass
16QAM	670.5	75	0	6.33	≤ 13	Pass
	680.5	75	0	6.61	≤ 13	Pass
	690.5	75	0	6.54	≤ 13	Pass

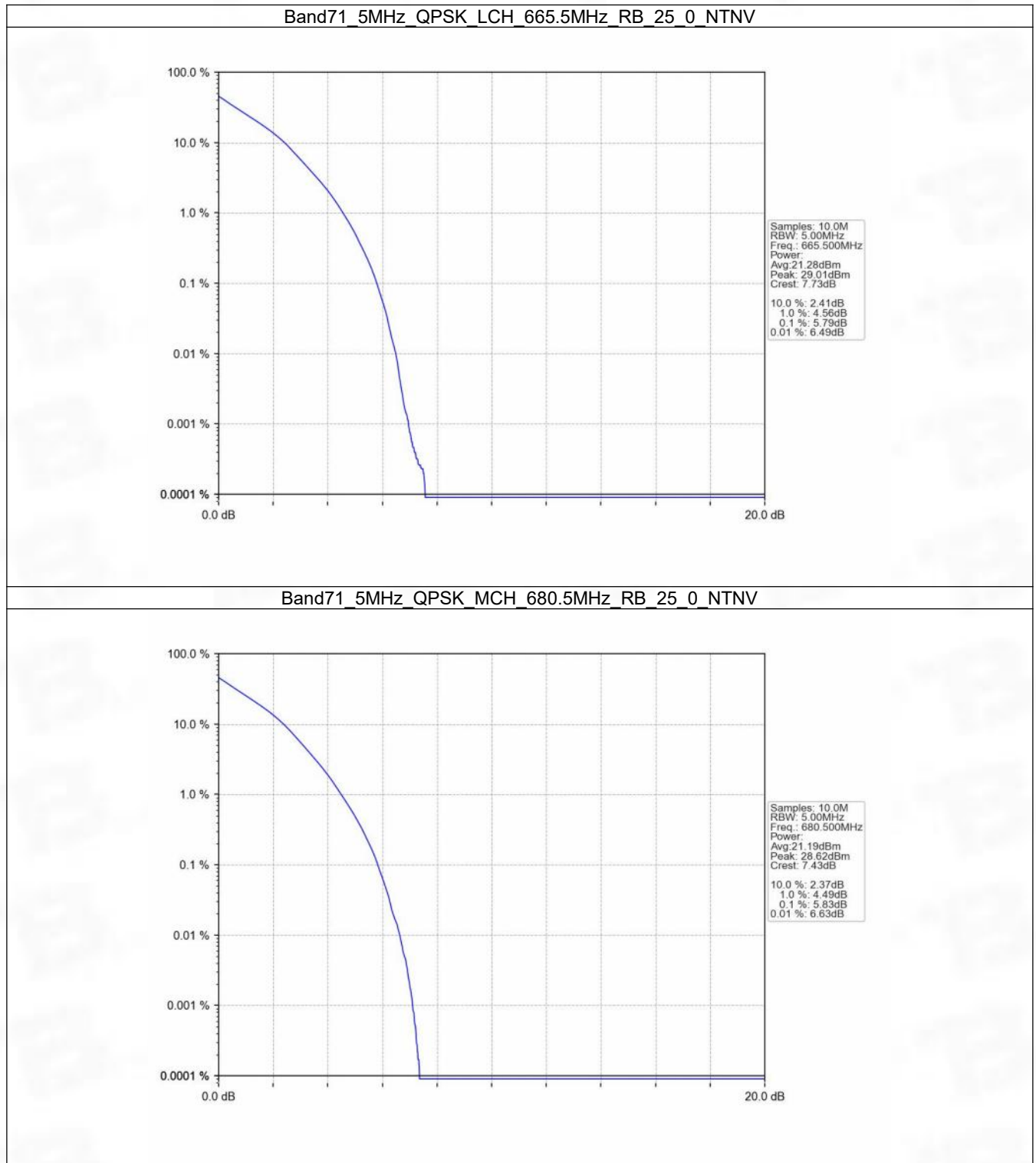
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.79	≤ 13	Pass
	683	100	0	5.77	≤ 13	Pass
	688	100	0	5.65	≤ 13	Pass
16QAM	673	100	0	6.39	≤ 13	Pass
	683	100	0	6.47	≤ 13	Pass

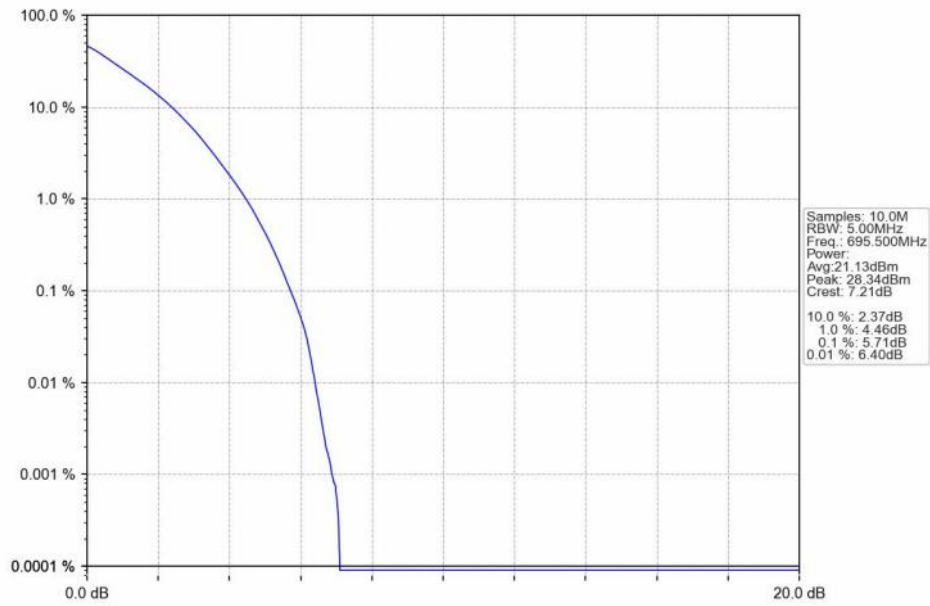
	688	100	0	6.41	<=13	Pass
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5.2 Test Graph

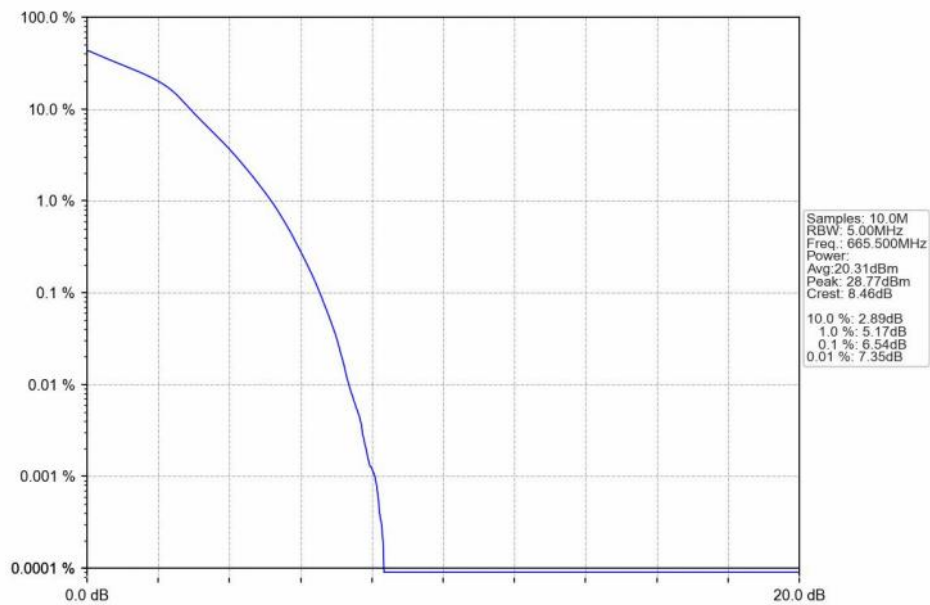
5.2.1 B71_5MHz



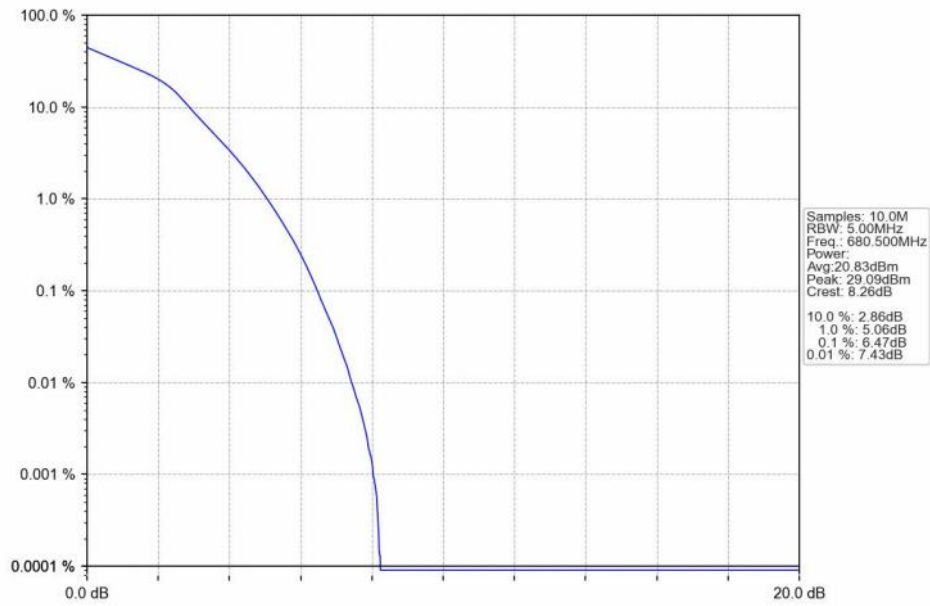
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



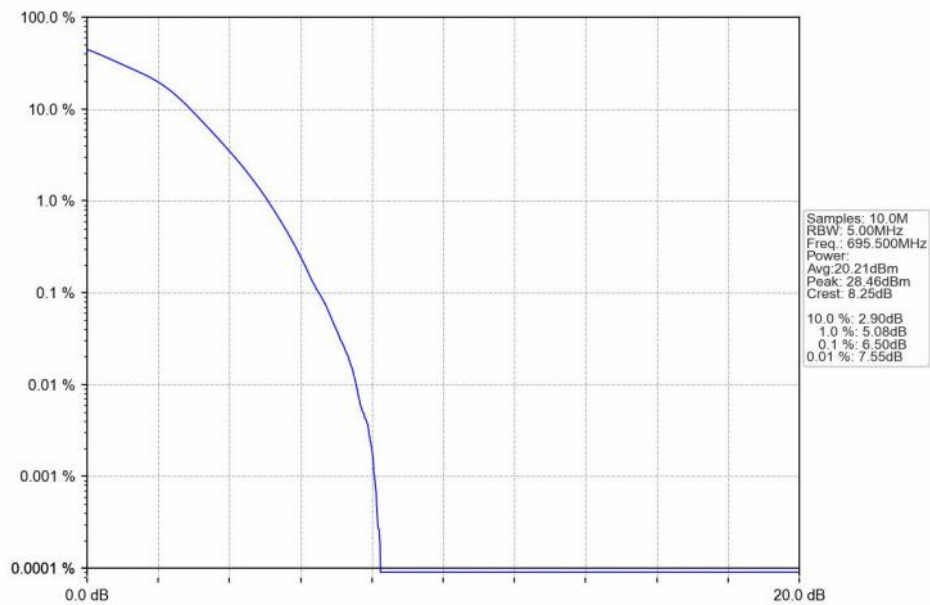
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



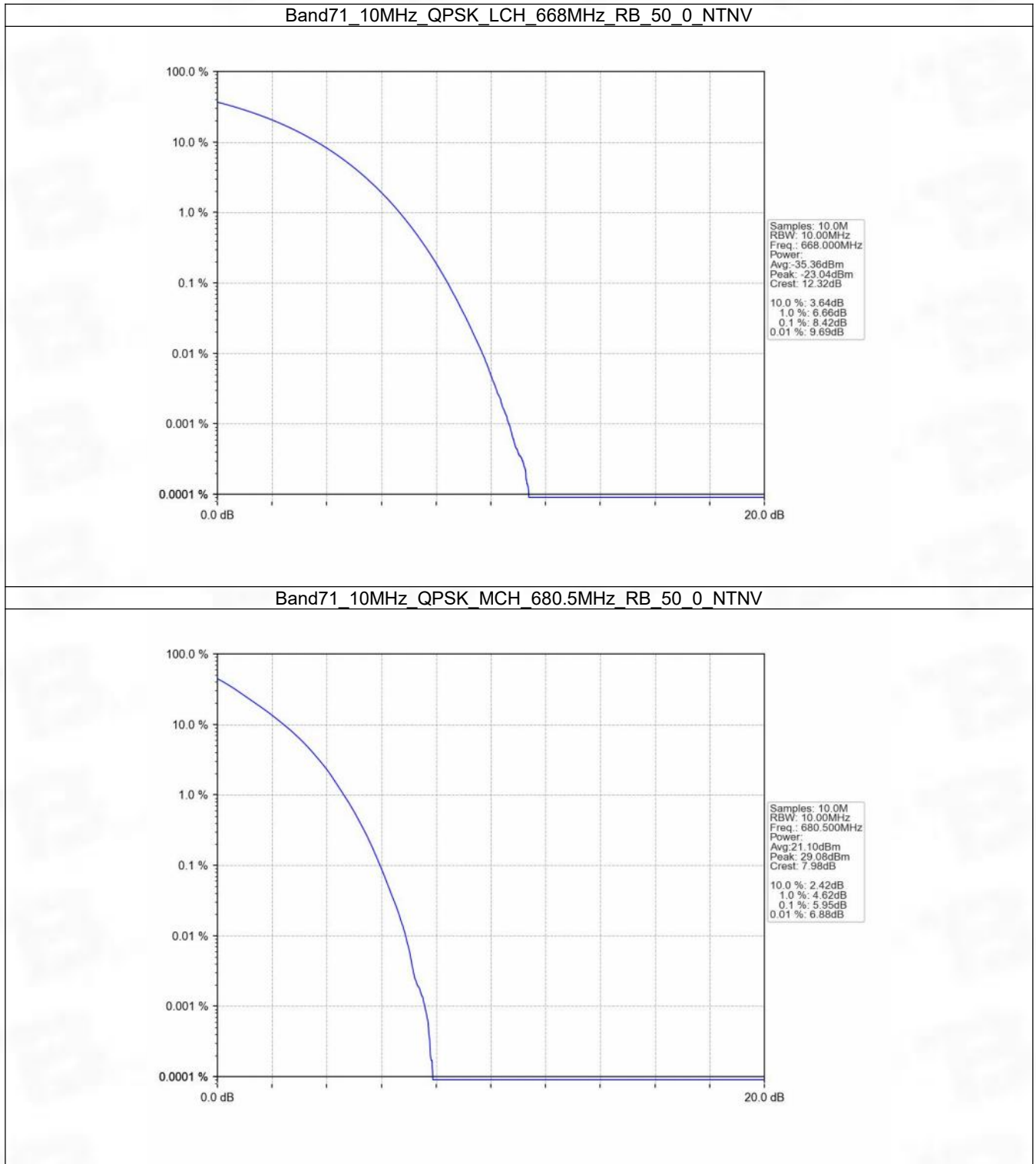
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



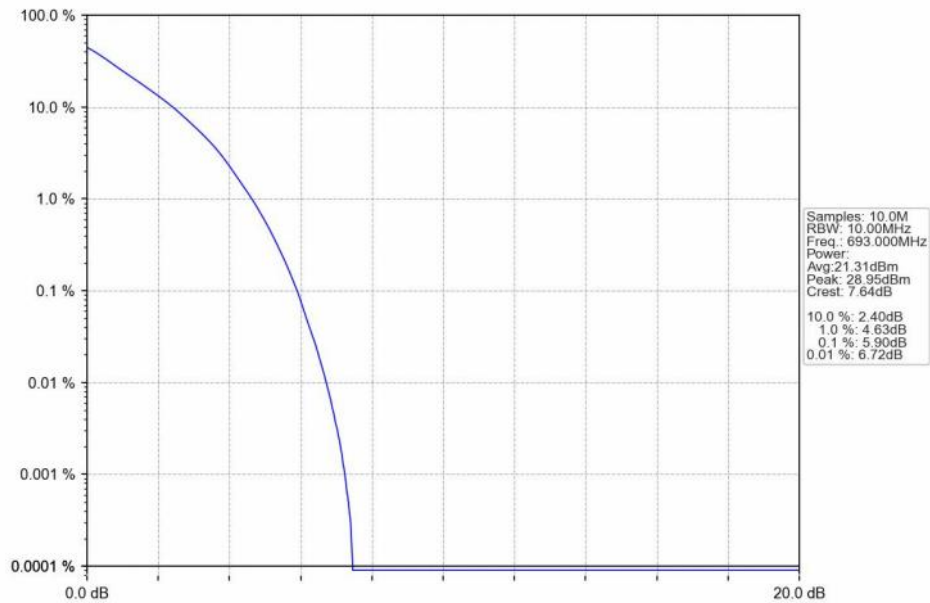
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



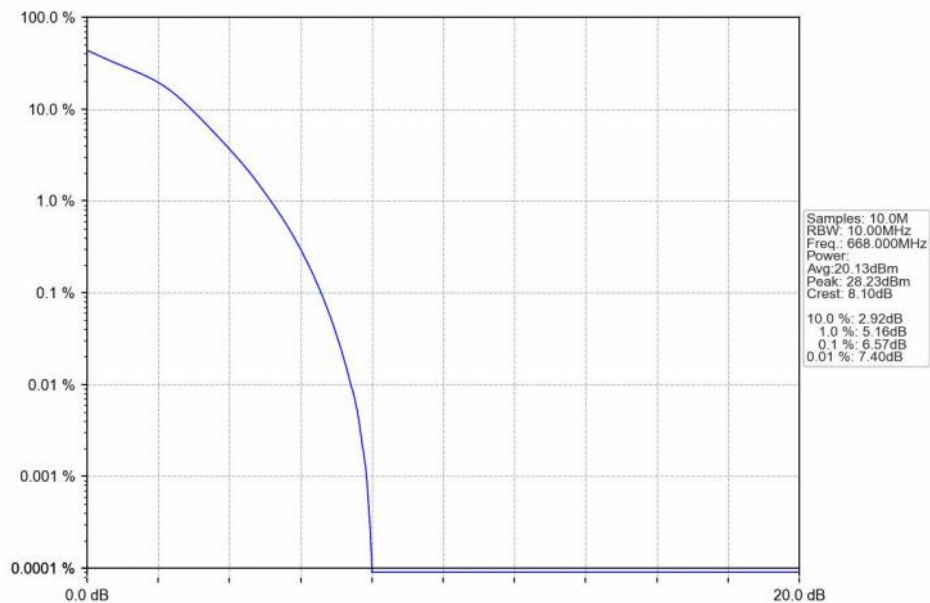
5.2.2 B71_10MHz



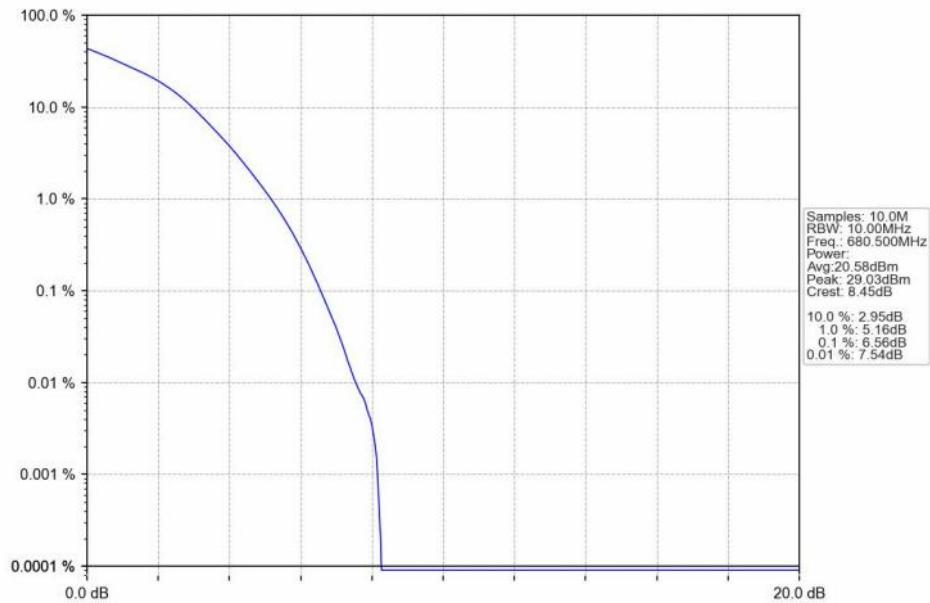
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



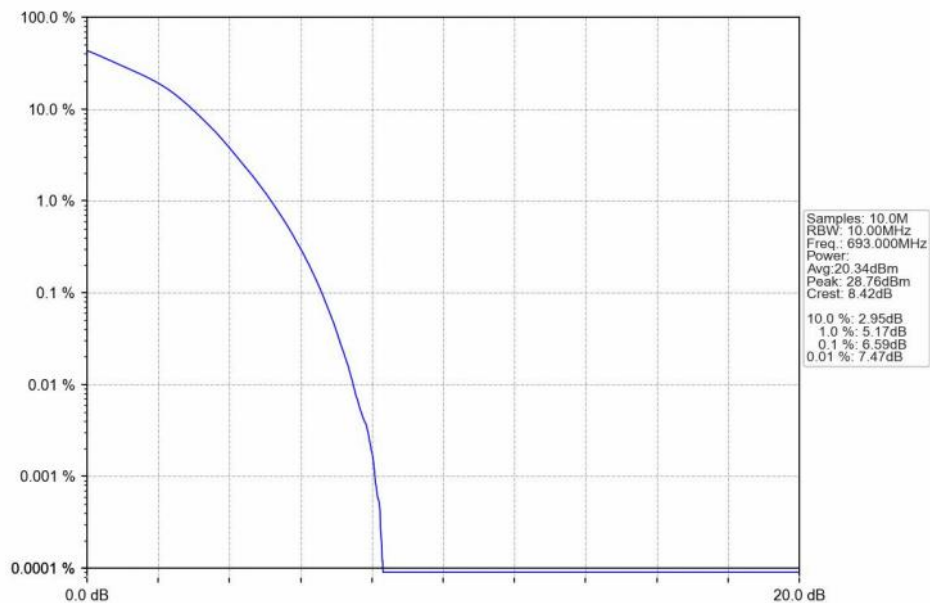
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



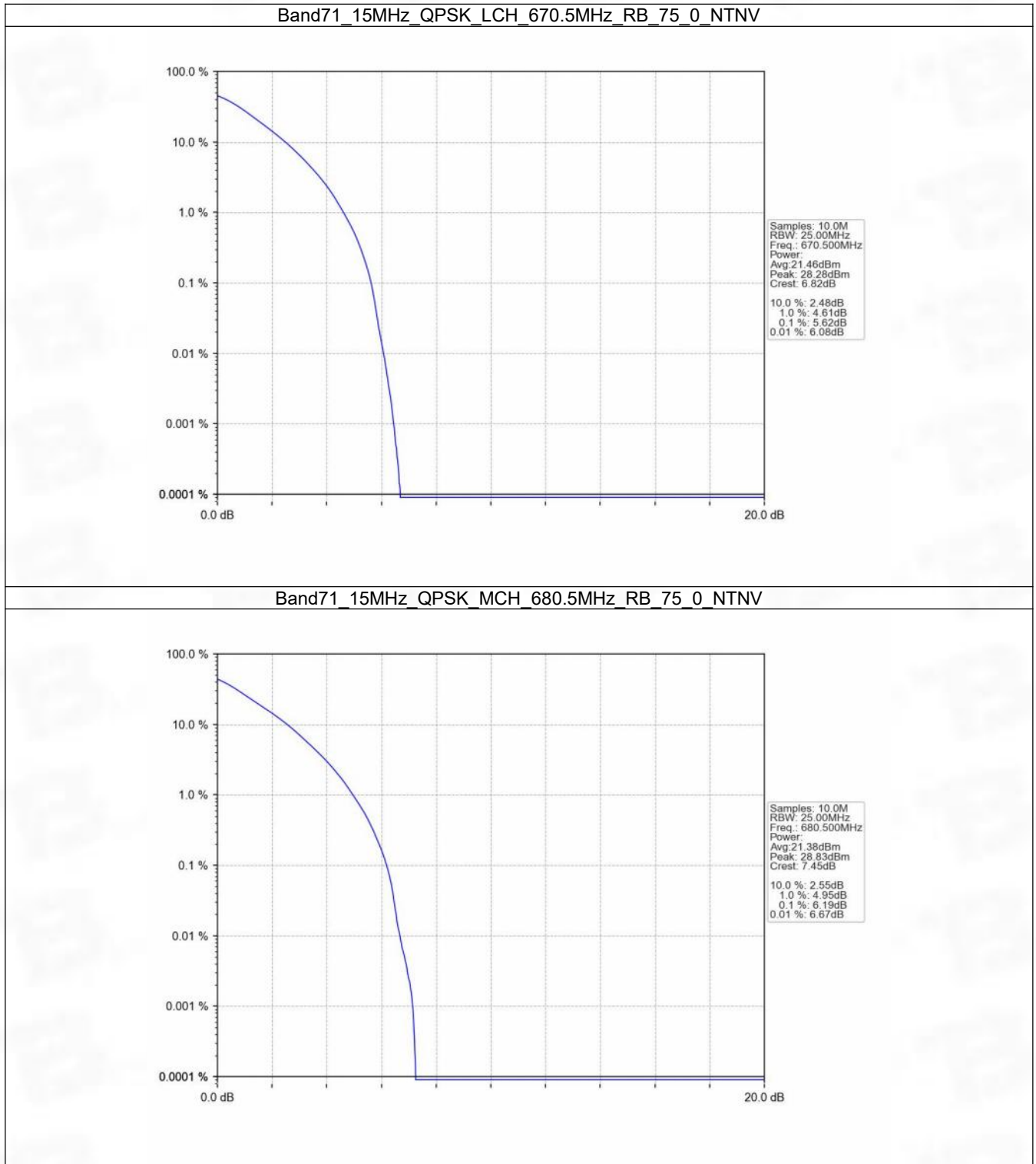
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



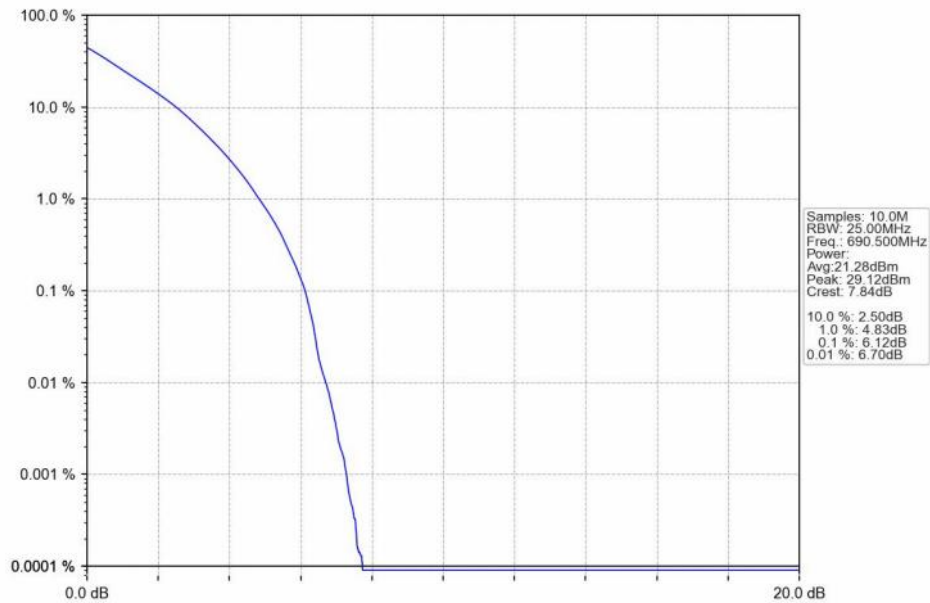
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



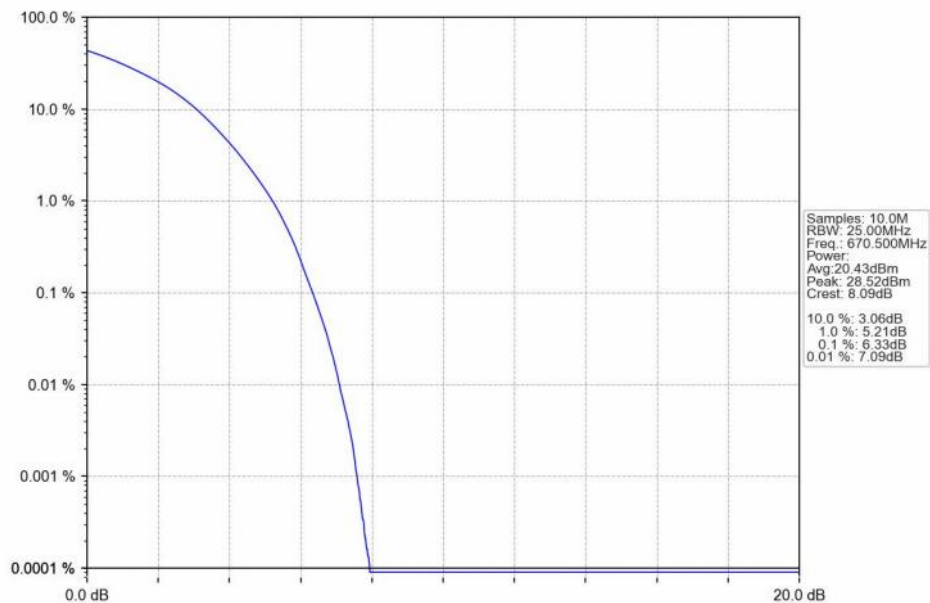
5.2.3 B71_15MHz



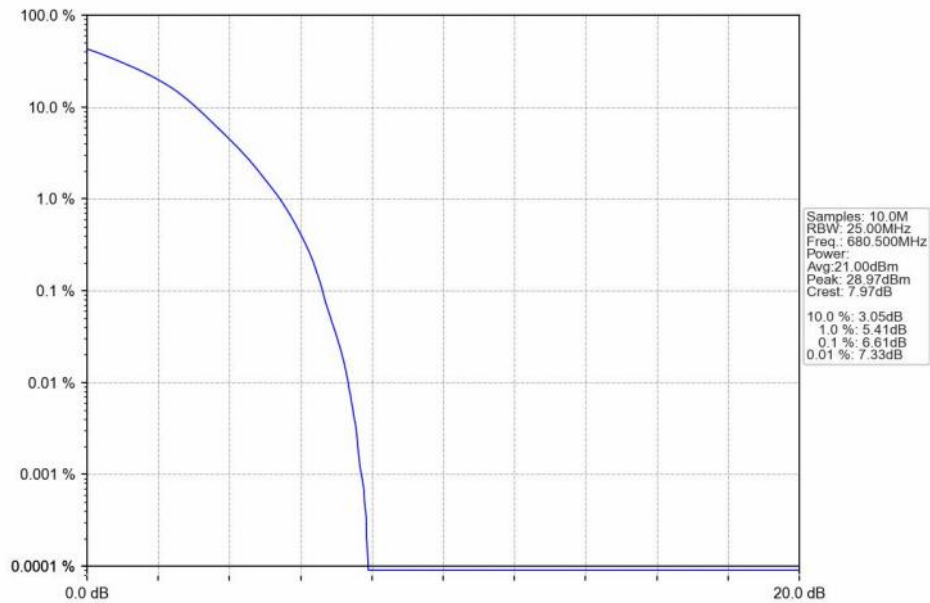
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



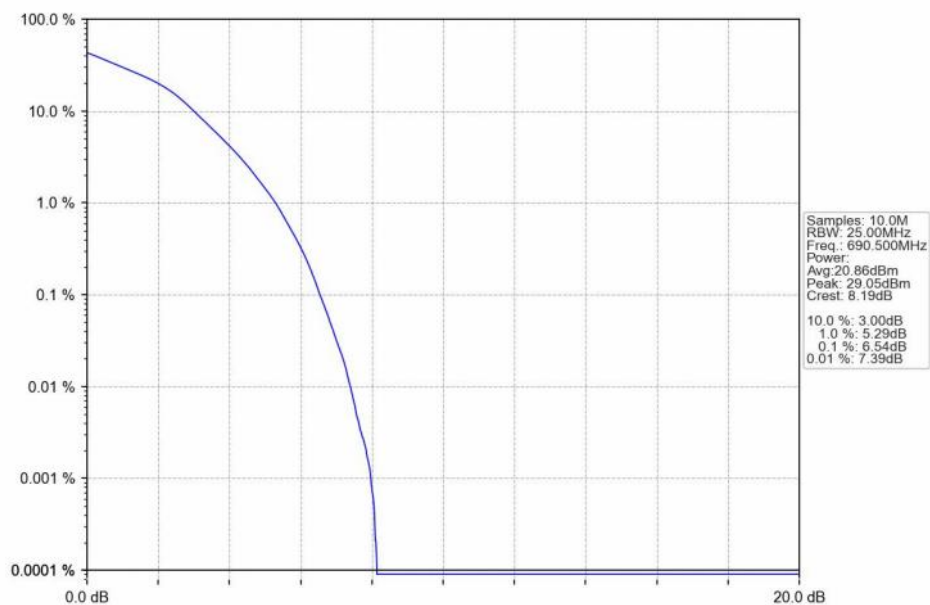
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



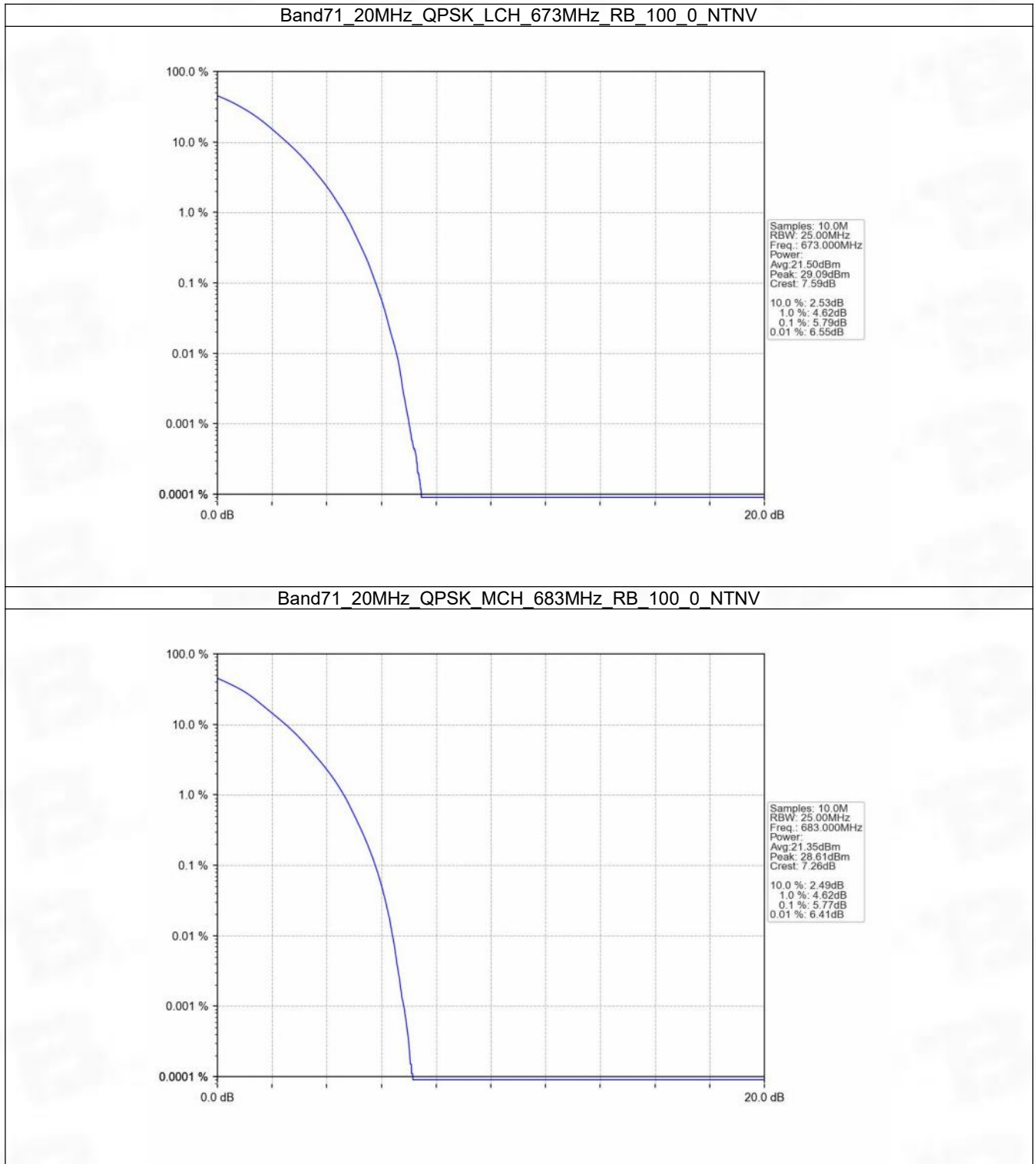
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



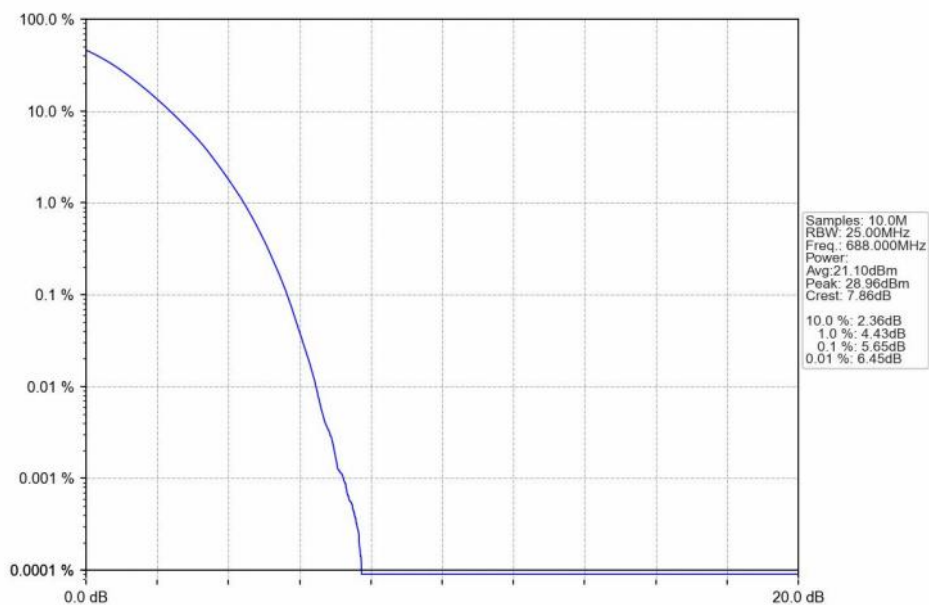
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



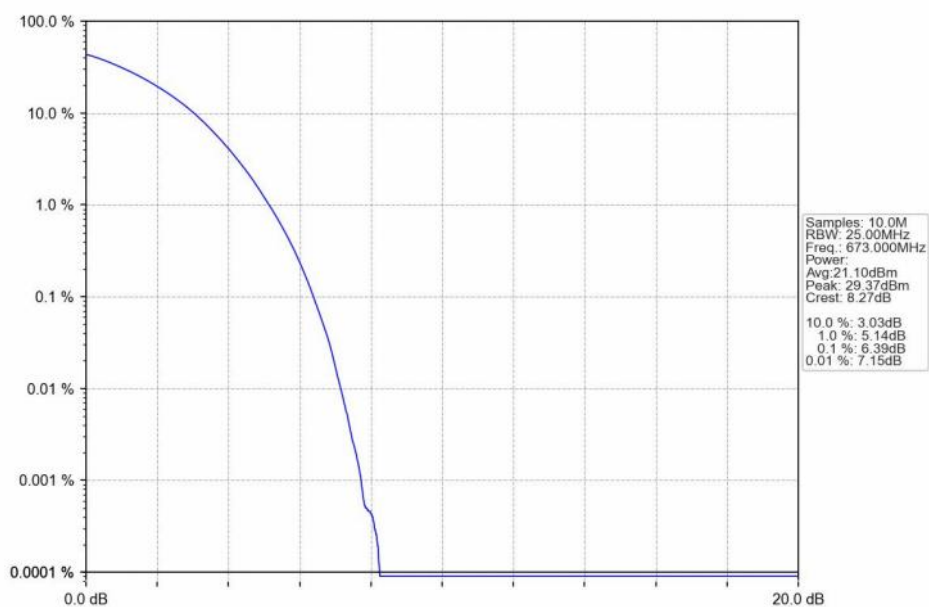
5.2.4 B71_20MHz



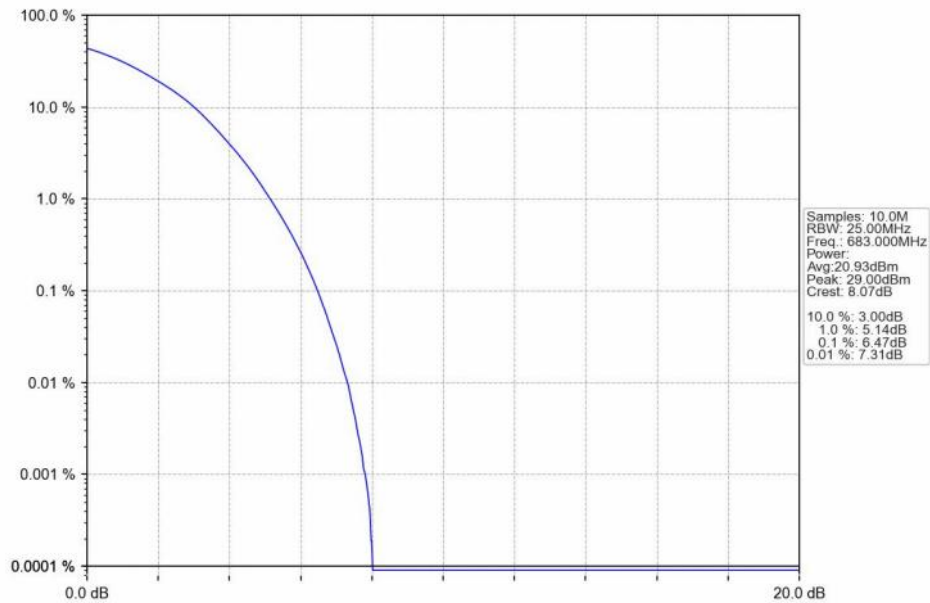
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



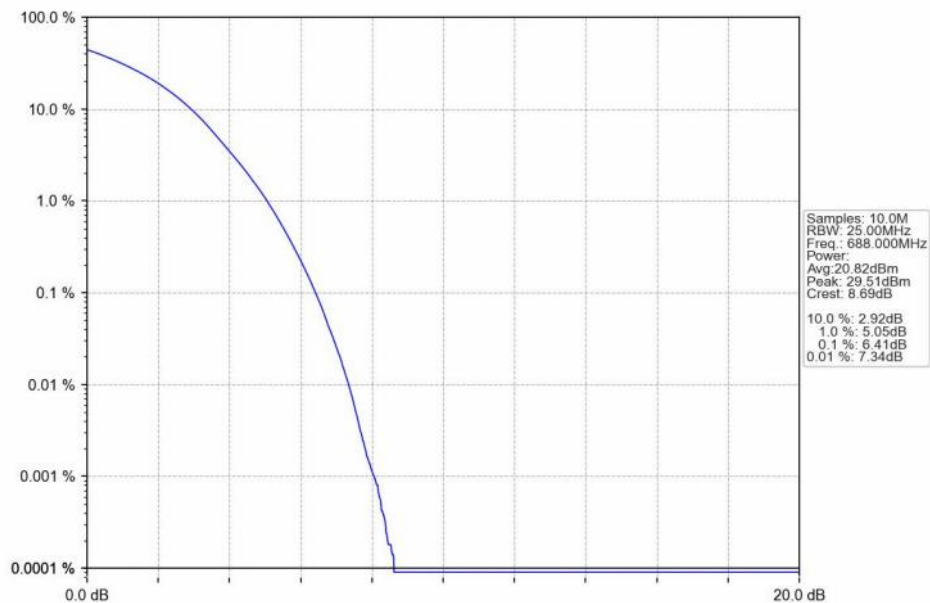
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



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	
		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
		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
		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	
		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
		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
		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	
		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
		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

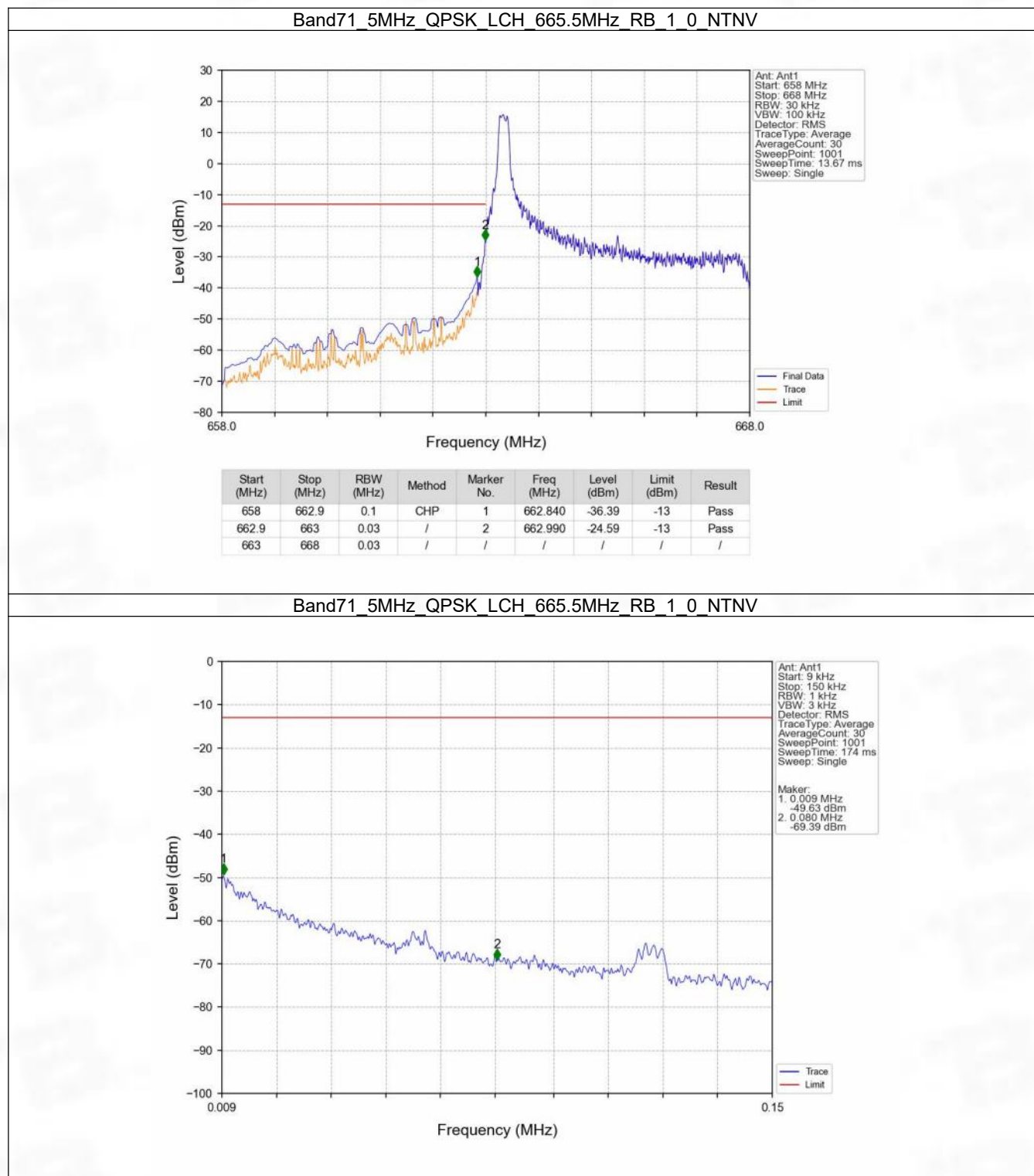
	680.5	75	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B71_20MHz

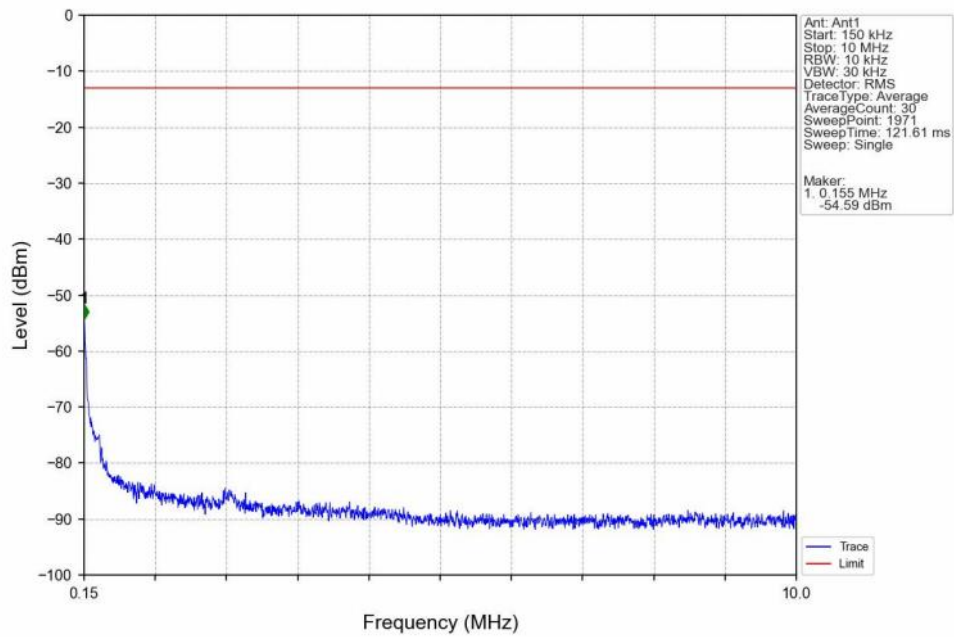
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	673	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	683	1	0	Refer To Test Graph	Pass
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100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

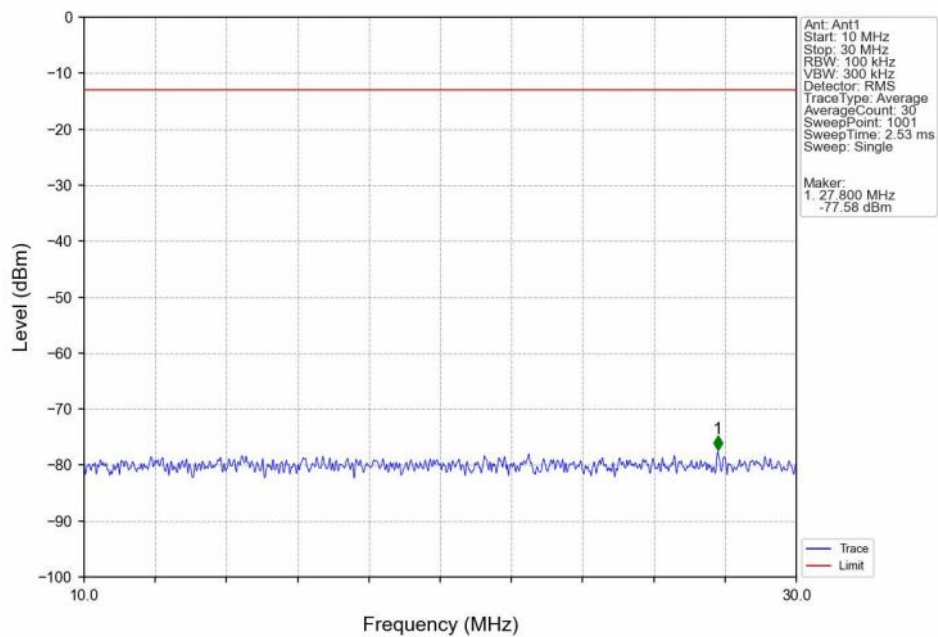
6.2.1 B71_5MHz



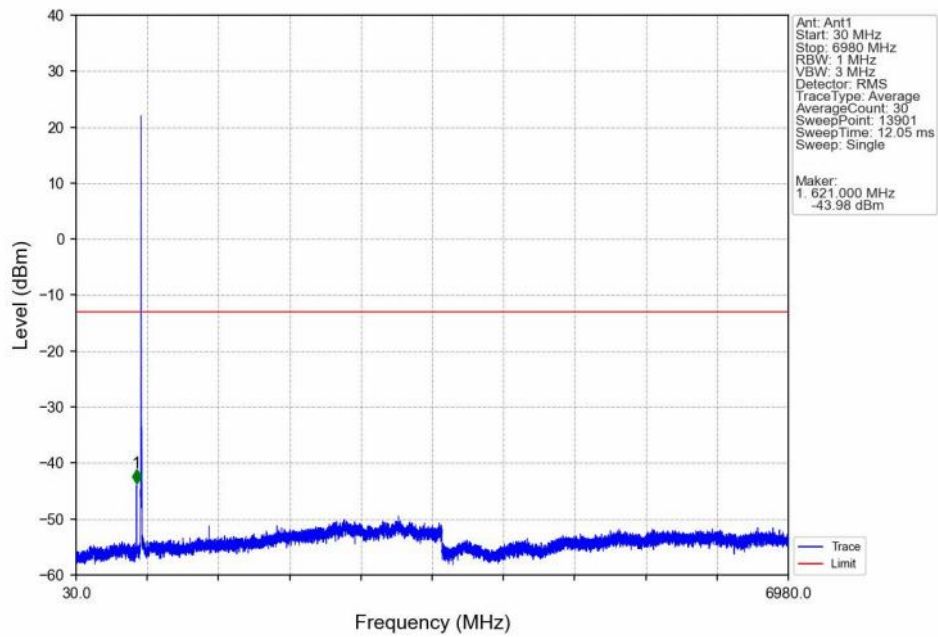
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



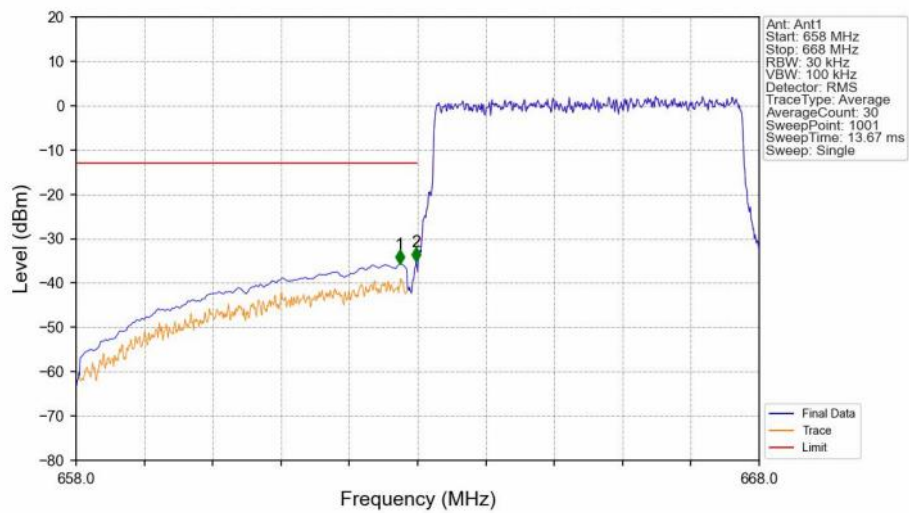
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

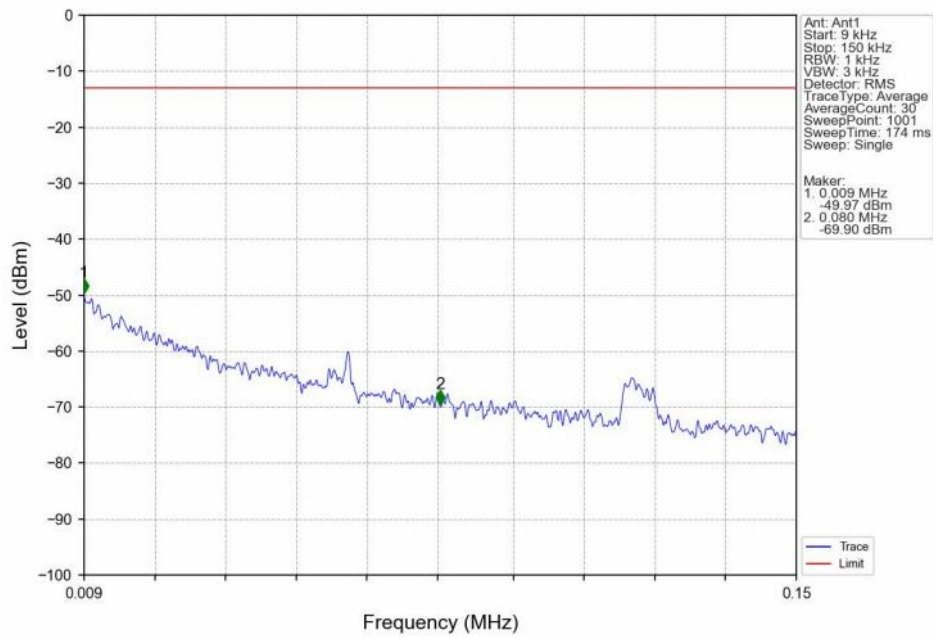


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.740	-35.64	-13	Pass
662.9	663	0.03	/	2	662.980	-35.21	-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

