

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	23.06	-2.88	18.03	<=34.77	Pass
			13	23.02	-2.88	17.99	<=34.77	Pass
			24	23.04	-2.88	18.01	<=34.77	Pass
		12	0	21.98	-2.88	16.95	<=34.77	Pass
			6	21.86	-2.88	16.83	<=34.77	Pass
			13	21.88	-2.88	16.85	<=34.77	Pass
		25	0	21.94	-2.88	16.91	<=34.77	Pass
	680.5	1	0	22.86	-2.88	17.83	<=34.77	Pass
			13	22.92	-2.88	17.89	<=34.77	Pass
			24	22.82	-2.88	17.79	<=34.77	Pass
		12	0	21.95	-2.88	16.92	<=34.77	Pass
			6	21.89	-2.88	16.86	<=34.77	Pass
			13	21.97	-2.88	16.94	<=34.77	Pass
		25	0	21.78	-2.88	16.75	<=34.77	Pass
	695.5	1	0	22.70	-2.88	17.67	<=34.77	Pass
			13	22.77	-2.88	17.74	<=34.77	Pass
			24	22.74	-2.88	17.71	<=34.77	Pass
		12	0	21.79	-2.88	16.76	<=34.77	Pass
			6	21.73	-2.88	16.70	<=34.77	Pass
			13	21.79	-2.88	16.76	<=34.77	Pass
		25	0	21.86	-2.88	16.83	<=34.77	Pass
16QAM	665.5	1	0	21.81	-2.88	16.78	<=34.77	Pass
			13	21.85	-2.88	16.82	<=34.77	Pass
			24	21.81	-2.88	16.78	<=34.77	Pass
		12	0	20.95	-2.88	15.92	<=34.77	Pass
			6	20.86	-2.88	15.83	<=34.77	Pass
			13	20.84	-2.88	15.81	<=34.77	Pass
		25	0	20.93	-2.88	15.90	<=34.77	Pass
	680.5	1	0	20.99	-2.88	15.96	<=34.77	Pass
			13	20.99	-2.88	15.96	<=34.77	Pass
			24	20.95	-2.88	15.92	<=34.77	Pass
		12	0	20.95	-2.88	15.92	<=34.77	Pass
			6	20.92	-2.88	15.89	<=34.77	Pass
			13	20.85	-2.88	15.82	<=34.77	Pass
		25	0	21.00	-2.88	15.97	<=34.77	Pass
	695.5	1	0	21.89	-2.88	16.86	<=34.77	Pass
			13	21.91	-2.88	16.88	<=34.77	Pass
			24	21.88	-2.88	16.85	<=34.77	Pass
		12	0	20.85	-2.88	15.82	<=34.77	Pass
			6	20.79	-2.88	15.76	<=34.77	Pass
			13	20.85	-2.88	15.82	<=34.77	Pass
		25	0	20.93	-2.88	15.90	<=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	22.94	-2.88	17.91	<=34.77	Pass	
			25	22.80	-2.88	17.77	<=34.77	Pass	
			49	22.79	-2.88	17.76	<=34.77	Pass	
		25	0	21.98	-2.88	16.95	<=34.77	Pass	
			13	21.78	-2.88	16.75	<=34.77	Pass	
			25	21.92	-2.88	16.89	<=34.77	Pass	
		50	0	21.89	-2.88	16.86	<=34.77	Pass	
		680.5	1	0	22.85	-2.88	17.82	<=34.77	Pass
				25	22.83	-2.88	17.80	<=34.77	Pass
	49			22.86	-2.88	17.83	<=34.77	Pass	
	25		0	21.92	-2.88	16.89	<=34.77	Pass	
			13	21.83	-2.88	16.80	<=34.77	Pass	
			25	21.85	-2.88	16.82	<=34.77	Pass	
	50		0	21.88	-2.88	16.85	<=34.77	Pass	
	693		1	0	22.70	-2.88	17.67	<=34.77	Pass
				25	22.70	-2.88	17.67	<=34.77	Pass
		49		22.74	-2.88	17.71	<=34.77	Pass	
		25	0	21.89	-2.88	16.86	<=34.77	Pass	
			13	21.75	-2.88	16.72	<=34.77	Pass	
			25	21.81	-2.88	16.78	<=34.77	Pass	
		50	0	21.77	-2.88	16.74	<=34.77	Pass	
16QAM		668	1	0	21.71	-2.88	16.68	<=34.77	Pass
				25	21.61	-2.88	16.58	<=34.77	Pass
	49			21.55	-2.88	16.52	<=34.77	Pass	
	25		0	21.10	-2.88	16.07	<=34.77	Pass	
			13	21.10	-2.88	16.07	<=34.77	Pass	
			25	21.10	-2.88	16.07	<=34.77	Pass	
	50		0	20.99	-2.88	15.96	<=34.77	Pass	
	680.5		1	0	22.01	-2.88	16.98	<=34.77	Pass
				25	22.07	-2.88	17.04	<=34.77	Pass
		49		22.03	-2.88	17.00	<=34.77	Pass	
		25	0	20.95	-2.88	15.92	<=34.77	Pass	
			13	20.92	-2.88	15.89	<=34.77	Pass	
			25	20.96	-2.88	15.93	<=34.77	Pass	
		50	0	20.91	-2.88	15.88	<=34.77	Pass	
		693	1	0	22.00	-2.88	16.97	<=34.77	Pass
				25	21.89	-2.88	16.86	<=34.77	Pass
	49			22.02	-2.88	16.99	<=34.77	Pass	
	25		0	21.10	-2.88	16.07	<=34.77	Pass	
			13	20.80	-2.88	15.77	<=34.77	Pass	
			25	20.88	-2.88	15.85	<=34.77	Pass	
	50		0	20.81	-2.88	15.78	<=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	22.49	-2.88	17.46	<=34.77	Pass
			38	22.54	-2.88	17.51	<=34.77	Pass
			74	22.55	-2.88	17.52	<=34.77	Pass
		36	0	21.53	-2.88	16.50	<=34.77	Pass
			18	21.71	-2.88	16.68	<=34.77	Pass
			39	21.69	-2.88	16.66	<=34.77	Pass

16QAM	680.5	75	0	21.63	-2.88	16.60	<=34.77	Pass
			0	22.52	-2.88	17.49	<=34.77	Pass
			38	22.58	-2.88	17.55	<=34.77	Pass
		36	74	22.61	-2.88	17.58	<=34.77	Pass
			0	21.74	-2.88	16.71	<=34.77	Pass
			18	21.71	-2.88	16.68	<=34.77	Pass
			39	21.64	-2.88	16.61	<=34.77	Pass
		75	0	21.64	-2.88	16.61	<=34.77	Pass
			0	22.61	-2.88	17.58	<=34.77	Pass
	690.5	1	38	22.67	-2.88	17.64	<=34.77	Pass
			74	22.60	-2.88	17.57	<=34.77	Pass
			0	21.73	-2.88	16.70	<=34.77	Pass
		36	18	21.60	-2.88	16.57	<=34.77	Pass
			39	21.69	-2.88	16.66	<=34.77	Pass
			75	21.59	-2.88	16.56	<=34.77	Pass
	670.5	1	0	22.52	-2.88	17.49	<=34.77	Pass
			38	22.45	-2.88	17.42	<=34.77	Pass
			74	22.54	-2.88	17.51	<=34.77	Pass
		36	0	20.54	-2.88	15.51	<=34.77	Pass
			18	20.73	-2.88	15.70	<=34.77	Pass
			39	20.96	-2.88	15.93	<=34.77	Pass
		75	0	20.76	-2.88	15.73	<=34.77	Pass
			0	21.80	-2.88	16.77	<=34.77	Pass
			38	21.79	-2.88	16.76	<=34.77	Pass
	680.5	1	74	21.81	-2.88	16.78	<=34.77	Pass
			0	20.84	-2.88	15.81	<=34.77	Pass
			18	20.87	-2.88	15.84	<=34.77	Pass
		36	39	20.87	-2.88	15.84	<=34.77	Pass
			75	20.77	-2.88	15.74	<=34.77	Pass
			0	21.98	-2.88	16.95	<=34.77	Pass
	690.5	1	38	21.95	-2.88	16.92	<=34.77	Pass
			74	21.96	-2.88	16.93	<=34.77	Pass
			0	20.98	-2.88	15.95	<=34.77	Pass
		36	18	20.97	-2.88	15.94	<=34.77	Pass
			39	20.62	-2.88	15.59	<=34.77	Pass
			75	20.98	-2.88	15.95	<=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	22.64	-2.88	17.61	<=34.77	Pass
			50	22.58	-2.88	17.55	<=34.77	Pass
			99	22.60	-2.88	17.57	<=34.77	Pass
		50	0	21.72	-2.88	16.69	<=34.77	Pass
			25	21.69	-2.88	16.66	<=34.77	Pass
			50	21.67	-2.88	16.64	<=34.77	Pass
		100	0	21.64	-2.88	16.61	<=34.77	Pass
	683	1	0	22.68	-2.88	17.65	<=34.77	Pass
			50	22.64	-2.88	17.61	<=34.77	Pass
			99	22.70	-2.88	17.67	<=34.77	Pass
		50	0	21.80	-2.88	16.77	<=34.77	Pass
			25	21.61	-2.88	16.58	<=34.77	Pass
		50	21.72	-2.88	16.69	<=34.77	Pass	
	100	0	21.66	-2.88	16.63	<=34.77	Pass	
	688	1	0	22.67	-2.88	17.64	<=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	50	22.67	-2.88	17.64	<=34.77	Pass
			99	22.75	-2.88	17.72	<=34.77	Pass
			0	21.74	-2.88	16.71	<=34.77	Pass
			25	21.59	-2.88	16.56	<=34.77	Pass
			50	21.67	-2.88	16.64	<=34.77	Pass
	673	1	0	21.61	-2.88	16.58	<=34.77	Pass
			50	22.22	-2.88	17.19	<=34.77	Pass
			99	22.17	-2.88	17.14	<=34.77	Pass
		50	0	22.25	-2.88	17.22	<=34.77	Pass
			0	20.61	-2.88	15.58	<=34.77	Pass
			25	20.73	-2.88	15.70	<=34.77	Pass
			50	20.76	-2.88	15.73	<=34.77	Pass
	683	1	0	20.76	-2.88	15.73	<=34.77	Pass
			0	22.23	-2.88	17.20	<=34.77	Pass
			50	22.17	-2.88	17.14	<=34.77	Pass
		50	99	22.15	-2.88	17.12	<=34.77	Pass
			0	20.80	-2.88	15.77	<=34.77	Pass
	688	1	25	20.80	-2.88	15.77	<=34.77	Pass
			50	21.02	-2.88	15.99	<=34.77	Pass
			100	20.67	-2.88	15.64	<=34.77	Pass
		50	0	21.31	-2.88	16.28	<=34.77	Pass
			50	21.34	-2.88	16.31	<=34.77	Pass
			99	21.31	-2.88	16.28	<=34.77	Pass
		1	0	21.31	-2.88	16.28	<=34.77	Pass
			0	20.83	-2.88	15.80	<=34.77	Pass
			25	20.97	-2.88	15.94	<=34.77	Pass
		50	50	20.71	-2.88	15.68	<=34.77	Pass
			100	20.81	-2.88	15.78	<=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	-2.503	-0.0038	-2.5 to 2.5	Pass
					3.85	-4.835	-0.0073	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	3.819	0.0057	-2.5 to 2.5	Pass
				-20	3.85	8.154	0.0123	-2.5 to 2.5	Pass
				-10	3.85	5.651	0.0085	-2.5 to 2.5	Pass
				0	3.85	8.054	0.0121	-2.5 to 2.5	Pass
				10	3.85	7.496	0.0113	-2.5 to 2.5	Pass
				30	3.85	11.716	0.0176	-2.5 to 2.5	Pass
				40	3.85	10.886	0.0164	-2.5 to 2.5	Pass
	680.5	25	0	20	3.85	10.486	0.0158	-2.5 to 2.5	Pass
					3.27	1.817	0.0027	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0055	-2.5 to 2.5	Pass
				-30	4.43	-4.063	-0.0060	-2.5 to 2.5	Pass
					3.85	-3.819	-0.0056	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0029	-2.5 to 2.5	Pass

	695.5	25	0	10	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.001	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0015	-2.5 to 2.5	Pass
				20	3.27	-2.589	-0.0037	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0053	-2.5 to 2.5	Pass
					4.43	1.760	0.0025	-2.5 to 2.5	Pass
				-30	3.85	1.917	0.0028	-2.5 to 2.5	Pass
				-20	3.85	2.089	0.0030	-2.5 to 2.5	Pass
				-10	3.85	1.960	0.0028	-2.5 to 2.5	Pass
				0	3.85	4.177	0.0060	-2.5 to 2.5	Pass
				10	3.85	5.207	0.0075	-2.5 to 2.5	Pass
				30	3.85	4.950	0.0071	-2.5 to 2.5	Pass
				40	3.85	6.208	0.0089	-2.5 to 2.5	Pass
				50	3.85	7.896	0.0114	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	11.029	0.0166	-2.5 to 2.5	Pass
					3.85	8.154	0.0123	-2.5 to 2.5	Pass
					4.43	5.579	0.0084	-2.5 to 2.5	Pass
				-30	3.85	3.905	0.0059	-2.5 to 2.5	Pass
				-20	3.85	2.747	0.0041	-2.5 to 2.5	Pass
				-10	3.85	3.462	0.0052	-2.5 to 2.5	Pass
				0	3.85	3.662	0.0055	-2.5 to 2.5	Pass
				10	3.85	4.063	0.0061	-2.5 to 2.5	Pass
				30	3.85	3.791	0.0057	-2.5 to 2.5	Pass
				40	3.85	2.890	0.0043	-2.5 to 2.5	Pass
				50	3.85	3.934	0.0059	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-0.858	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.475	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-5.536	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-5.035	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-4.950	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-5.093	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-3.533	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-3.362	-0.0049	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	6.595	0.0095	-2.5 to 2.5	Pass
					3.85	6.108	0.0088	-2.5 to 2.5	Pass
					4.43	3.619	0.0052	-2.5 to 2.5	Pass
				-30	3.85	0.744	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.702	0.0024	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0016	-2.5 to 2.5	Pass
				0	3.85	0.515	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.618	0.0038	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0018	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0001	-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	-0.815	-0.0012	-2.5 to 2.5	Pass
					3.85	-32.172	-0.0482	-2.5 to 2.5	Pass
					4.43	-44.503	-0.0666	-2.5 to 2.5	Pass
				-30	3.85	0.858	0.0013	-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

				-20	3.85	-28.696	-0.0430	-2.5 to 2.5	Pass
				-10	3.85	-33.975	-0.0509	-2.5 to 2.5	Pass
				0	3.85	-33.846	-0.0507	-2.5 to 2.5	Pass
				10	3.85	-24.076	-0.0360	-2.5 to 2.5	Pass
				30	3.85	-30.713	-0.0460	-2.5 to 2.5	Pass
				40	3.85	-19.183	-0.0287	-2.5 to 2.5	Pass
				50	3.85	-53.000	-0.0793	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	5.965	0.0088	-2.5 to 2.5	Pass
					3.85	-0.887	-0.0013	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-16.079	-0.0236	-2.5 to 2.5	Pass
				-20	3.85	-22.159	-0.0326	-2.5 to 2.5	Pass
				-10	3.85	-26.436	-0.0388	-2.5 to 2.5	Pass
				0	3.85	-31.128	-0.0457	-2.5 to 2.5	Pass
				10	3.85	-36.292	-0.0533	-2.5 to 2.5	Pass
				30	3.85	-39.639	-0.0582	-2.5 to 2.5	Pass
				40	3.85	-40.884	-0.0601	-2.5 to 2.5	Pass
				50	3.85	-41.656	-0.0612	-2.5 to 2.5	Pass
	693	50	0	20	3.27	6.766	0.0098	-2.5 to 2.5	Pass
					3.85	-10.500	-0.0152	-2.5 to 2.5	Pass
					4.43	-21.014	-0.0303	-2.5 to 2.5	Pass
				-30	3.85	-33.460	-0.0483	-2.5 to 2.5	Pass
				-20	3.85	-37.794	-0.0545	-2.5 to 2.5	Pass
				-10	3.85	-43.702	-0.0631	-2.5 to 2.5	Pass
				0	3.85	-47.092	-0.0680	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0027	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.120	-0.0059	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-20.313	-0.0304	-2.5 to 2.5	Pass
					3.85	-28.882	-0.0432	-2.5 to 2.5	Pass
					4.43	-34.003	-0.0509	-2.5 to 2.5	Pass
				-30	3.85	-38.853	-0.0582	-2.5 to 2.5	Pass
				-20	3.85	-43.874	-0.0657	-2.5 to 2.5	Pass
				-10	3.85	-49.582	-0.0742	-2.5 to 2.5	Pass
				0	3.85	-2.203	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-11.401	-0.0171	-2.5 to 2.5	Pass
				40	3.85	-15.364	-0.0230	-2.5 to 2.5	Pass
				50	3.85	-18.897	-0.0283	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-40.784	-0.0599	-2.5 to 2.5	Pass
					3.85	-34.862	-0.0512	-2.5 to 2.5	Pass
					4.43	-30.999	-0.0456	-2.5 to 2.5	Pass
				-30	3.85	-27.595	-0.0406	-2.5 to 2.5	Pass
				-20	3.85	-23.975	-0.0352	-2.5 to 2.5	Pass
				-10	3.85	-20.700	-0.0304	-2.5 to 2.5	Pass
				0	3.85	-20.685	-0.0304	-2.5 to 2.5	Pass
				10	3.85	-19.484	-0.0286	-2.5 to 2.5	Pass
				30	3.85	-19.040	-0.0280	-2.5 to 2.5	Pass
				40	3.85	-19.670	-0.0289	-2.5 to 2.5	Pass
				50	3.85	-20.299	-0.0298	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-4.005	-0.0058	-2.5 to 2.5	Pass
					3.85	1.473	0.0021	-2.5 to 2.5	Pass
					4.43	4.106	0.0059	-2.5 to 2.5	Pass
				-30	3.85	7.954	0.0115	-2.5 to 2.5	Pass
				-20	3.85	5.736	0.0083	-2.5 to 2.5	Pass
				-10	3.85	8.368	0.0121	-2.5 to 2.5	Pass
				0	3.85	7.668	0.0111	-2.5 to 2.5	Pass
				10	3.85	8.440	0.0122	-2.5 to 2.5	Pass

				30	3.85	9.284	0.0134	-2.5 to 2.5	Pass
				40	3.85	8.655	0.0125	-2.5 to 2.5	Pass
				50	3.85	7.453	0.0108	-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	-32.759	-0.0489	-2.5 to 2.5	Pass
					3.85	-30.470	-0.0454	-2.5 to 2.5	Pass
					4.43	-29.769	-0.0444	-2.5 to 2.5	Pass
				-30	3.85	-31.128	-0.0464	-2.5 to 2.5	Pass
				-20	3.85	-37.322	-0.0557	-2.5 to 2.5	Pass
				-10	3.85	-19.455	-0.0290	-2.5 to 2.5	Pass
				0	3.85	-38.466	-0.0574	-2.5 to 2.5	Pass
				10	3.85	-36.893	-0.0550	-2.5 to 2.5	Pass
				30	3.85	-31.028	-0.0463	-2.5 to 2.5	Pass
				40	3.85	-39.897	-0.0595	-2.5 to 2.5	Pass
				50	3.85	-36.550	-0.0545	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-23.603	-0.0347	-2.5 to 2.5	Pass
					3.85	-24.047	-0.0353	-2.5 to 2.5	Pass
					4.43	-22.659	-0.0333	-2.5 to 2.5	Pass
				-30	3.85	-28.725	-0.0422	-2.5 to 2.5	Pass
				-20	3.85	-31.371	-0.0461	-2.5 to 2.5	Pass
				-10	3.85	-18.425	-0.0271	-2.5 to 2.5	Pass
				0	3.85	-31.500	-0.0463	-2.5 to 2.5	Pass
				10	3.85	-24.590	-0.0361	-2.5 to 2.5	Pass
				30	3.85	-5.779	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-32.158	-0.0473	-2.5 to 2.5	Pass
				50	3.85	-25.835	-0.0380	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	7.467	0.0108	-2.5 to 2.5	Pass
					3.85	-7.868	-0.0114	-2.5 to 2.5	Pass
					4.43	-20.843	-0.0302	-2.5 to 2.5	Pass
				-30	3.85	-38.681	-0.0560	-2.5 to 2.5	Pass
				-20	3.85	-22.445	-0.0325	-2.5 to 2.5	Pass
				-10	3.85	-4.578	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-14.405	-0.0209	-2.5 to 2.5	Pass
				10	3.85	-25.921	-0.0375	-2.5 to 2.5	Pass
				30	3.85	-29.140	-0.0422	-2.5 to 2.5	Pass
				40	3.85	-24.290	-0.0352	-2.5 to 2.5	Pass
				50	3.85	-22.645	-0.0328	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-33.231	-0.0496	-2.5 to 2.5	Pass
					3.85	-30.241	-0.0451	-2.5 to 2.5	Pass
					4.43	-17.123	-0.0255	-2.5 to 2.5	Pass
				-30	3.85	-20.700	-0.0309	-2.5 to 2.5	Pass
				-20	3.85	-14.048	-0.0210	-2.5 to 2.5	Pass
				-10	3.85	-21.772	-0.0325	-2.5 to 2.5	Pass
				0	3.85	-35.477	-0.0529	-2.5 to 2.5	Pass
				10	3.85	-15.006	-0.0224	-2.5 to 2.5	Pass
				30	3.85	-46.835	-0.0699	-2.5 to 2.5	Pass
				40	3.85	-28.954	-0.0432	-2.5 to 2.5	Pass
				50	3.85	-28.224	-0.0421	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-18.082	-0.0266	-2.5 to 2.5	Pass
					3.85	-28.939	-0.0425	-2.5 to 2.5	Pass
					4.43	-36.721	-0.0540	-2.5 to 2.5	Pass
				-30	3.85	-45.233	-0.0665	-2.5 to 2.5	Pass
				-20	3.85	4.106	0.0060	-2.5 to 2.5	Pass

				-10	3.85	-5.164	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-9.356	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-14.591	-0.0214	-2.5 to 2.5	Pass
				30	3.85	-21.257	-0.0312	-2.5 to 2.5	Pass
				40	3.85	-29.855	-0.0439	-2.5 to 2.5	Pass
				50	3.85	-37.937	-0.0557	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-14.148	-0.0205	-2.5 to 2.5	Pass
					3.85	-8.740	-0.0127	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	4.492	0.0065	-2.5 to 2.5	Pass
				-20	3.85	11.573	0.0168	-2.5 to 2.5	Pass
				-10	3.85	16.551	0.0240	-2.5 to 2.5	Pass
				0	3.85	19.512	0.0283	-2.5 to 2.5	Pass
				10	3.85	24.018	0.0348	-2.5 to 2.5	Pass
				30	3.85	29.154	0.0422	-2.5 to 2.5	Pass
				40	3.85	33.545	0.0486	-2.5 to 2.5	Pass
				50	3.85	36.035	0.0522	-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	-27.609	-0.0410	-2.5 to 2.5	Pass
					3.85	-29.883	-0.0444	-2.5 to 2.5	Pass
					4.43	-36.836	-0.0547	-2.5 to 2.5	Pass
				-30	3.85	-19.326	-0.0287	-2.5 to 2.5	Pass
				-20	3.85	-50.454	-0.0750	-2.5 to 2.5	Pass
				-10	3.85	-15.893	-0.0236	-2.5 to 2.5	Pass
				0	3.85	-32.444	-0.0482	-2.5 to 2.5	Pass
				10	3.85	-44.103	-0.0655	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-10.457	-0.0155	-2.5 to 2.5	Pass
				50	3.85	-17.009	-0.0253	-2.5 to 2.5	Pass
	683	100	0	20	3.27	2.818	0.0041	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0057	-2.5 to 2.5	Pass
					4.43	-6.509	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-10.915	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-13.332	-0.0195	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0021	-2.5 to 2.5	Pass
				10	3.85	2.518	0.0037	-2.5 to 2.5	Pass
				30	3.85	6.337	0.0093	-2.5 to 2.5	Pass
				40	3.85	11.845	0.0173	-2.5 to 2.5	Pass
				50	3.85	18.253	0.0267	-2.5 to 2.5	Pass
	688	100	0	20	3.27	1.545	0.0022	-2.5 to 2.5	Pass
					3.85	-22.302	-0.0324	-2.5 to 2.5	Pass
					4.43	-42.501	-0.0618	-2.5 to 2.5	Pass
				-30	3.85	-5.293	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-16.623	-0.0242	-2.5 to 2.5	Pass
				-10	3.85	-26.135	-0.0380	-2.5 to 2.5	Pass
				0	3.85	-35.806	-0.0520	-2.5 to 2.5	Pass
				10	3.85	-41.871	-0.0609	-2.5 to 2.5	Pass
				30	3.85	-46.792	-0.0680	-2.5 to 2.5	Pass
				40	3.85	-28.267	-0.0411	-2.5 to 2.5	Pass
				50	3.85	-3.805	-0.0055	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-19.012	-0.0282	-2.5 to 2.5	Pass
					3.85	-17.638	-0.0262	-2.5 to 2.5	Pass

					4.43	-17.610	-0.0262	-2.5 to 2.5	Pass
				-30	3.85	-18.210	-0.0271	-2.5 to 2.5	Pass
				-20	3.85	-18.854	-0.0280	-2.5 to 2.5	Pass
				-10	3.85	-18.110	-0.0269	-2.5 to 2.5	Pass
				0	3.85	-21.472	-0.0319	-2.5 to 2.5	Pass
				10	3.85	-22.202	-0.0330	-2.5 to 2.5	Pass
				30	3.85	-21.715	-0.0323	-2.5 to 2.5	Pass
				40	3.85	-22.202	-0.0330	-2.5 to 2.5	Pass
				50	3.85	-23.389	-0.0348	-2.5 to 2.5	Pass
	683	100	0	20	3.27	23.031	0.0337	-2.5 to 2.5	Pass
					3.85	31.300	0.0458	-2.5 to 2.5	Pass
					4.43	41.800	0.0612	-2.5 to 2.5	Pass
				-30	3.85	-5.379	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				-10	3.85	8.039	0.0118	-2.5 to 2.5	Pass
				0	3.85	14.291	0.0209	-2.5 to 2.5	Pass
				10	3.85	20.270	0.0297	-2.5 to 2.5	Pass
				30	3.85	25.821	0.0378	-2.5 to 2.5	Pass
				40	3.85	31.700	0.0464	-2.5 to 2.5	Pass
				50	3.85	36.936	0.0541	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-6.280	-0.0091	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0082	-2.5 to 2.5	Pass
					4.43	-5.035	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-5.078	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-7.482	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-7.567	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-8.826	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-7.639	-0.0111	-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 / NTN/V						
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

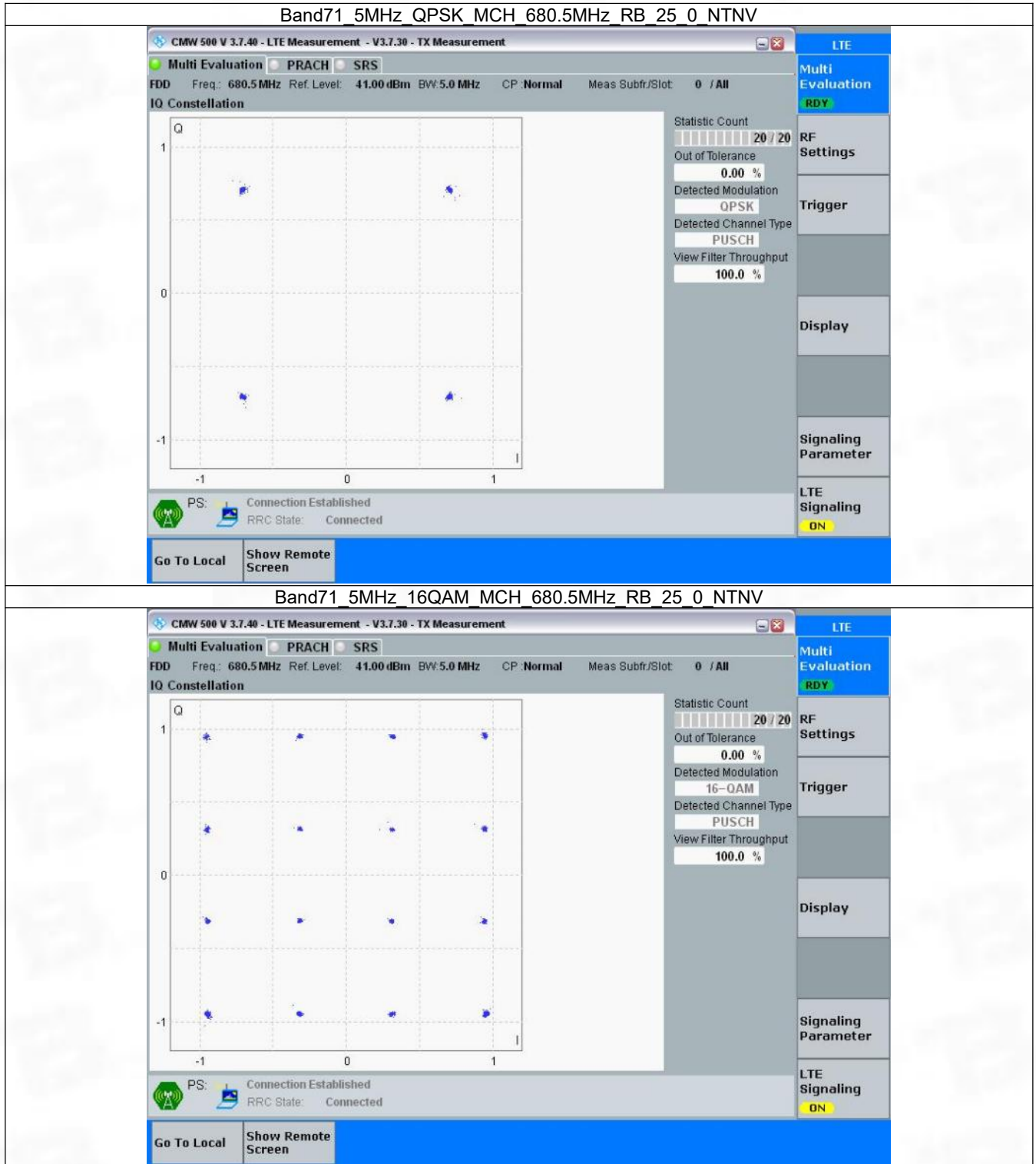
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	75	0	Refer To Test Graph		Pass
16QAM	680.5	75	0	Refer To Test Graph		Pass

3.1.4 B71_20MHz

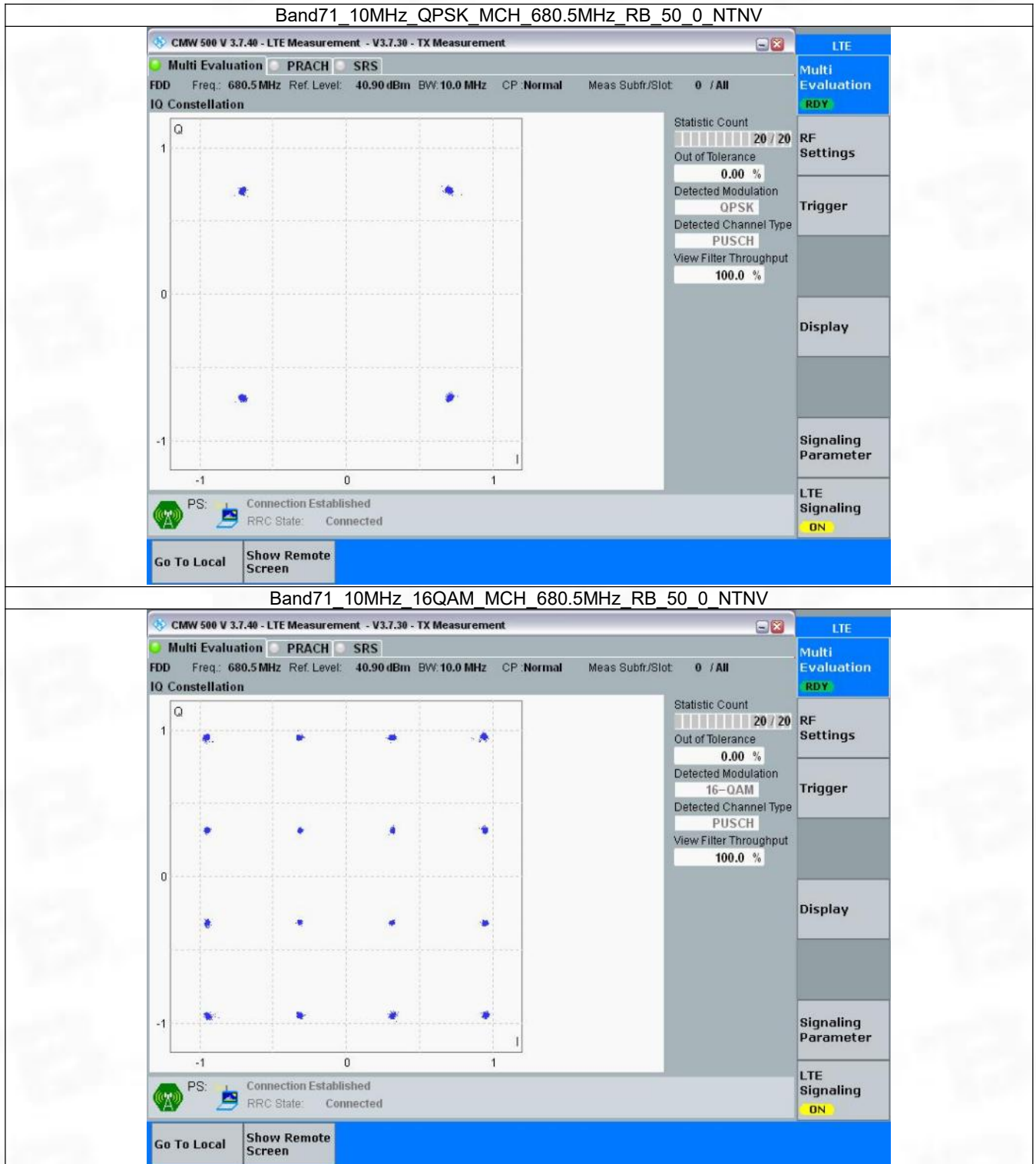
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass

3.2 Test Graph

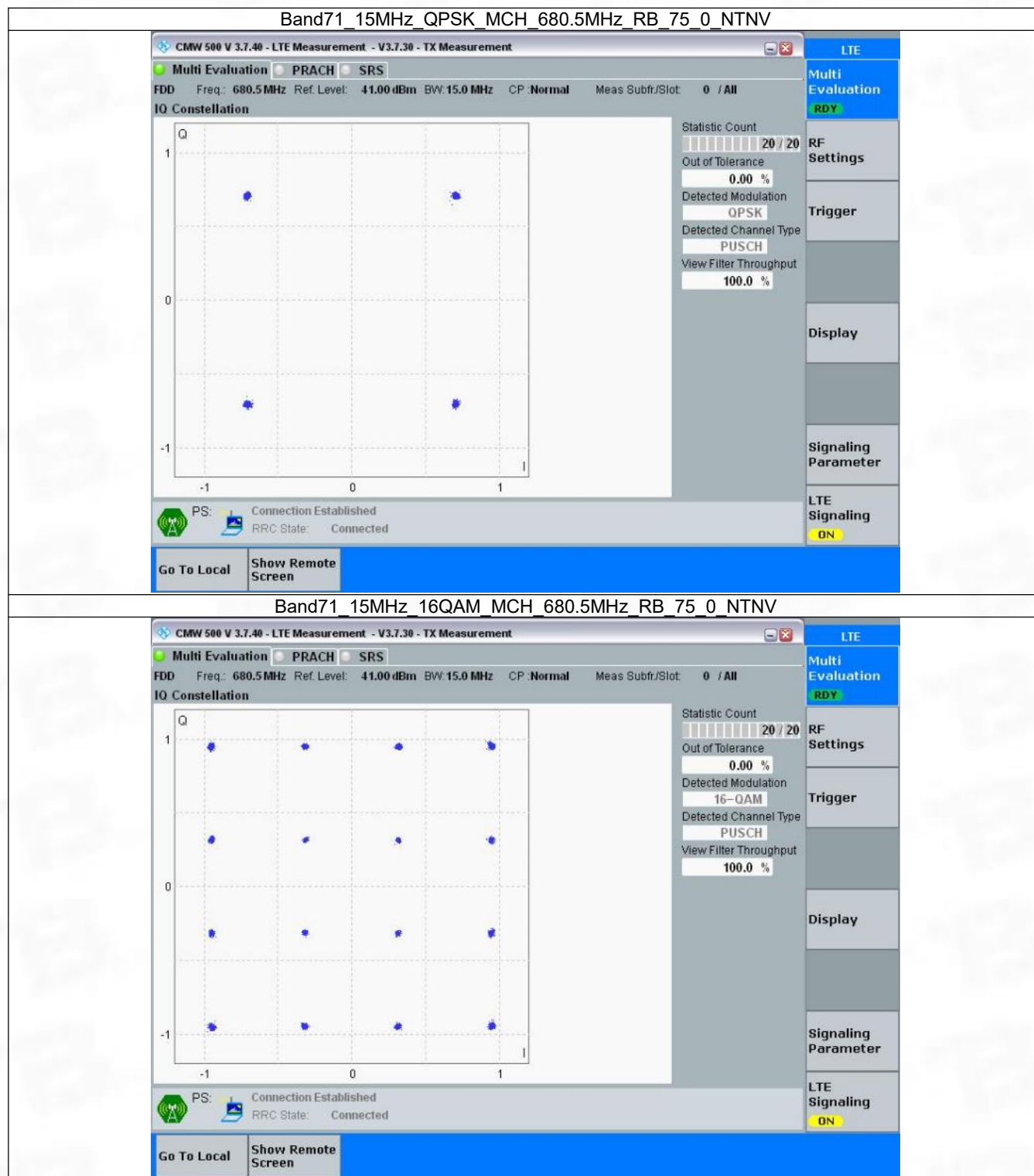
3.2.1 B71_5MHz



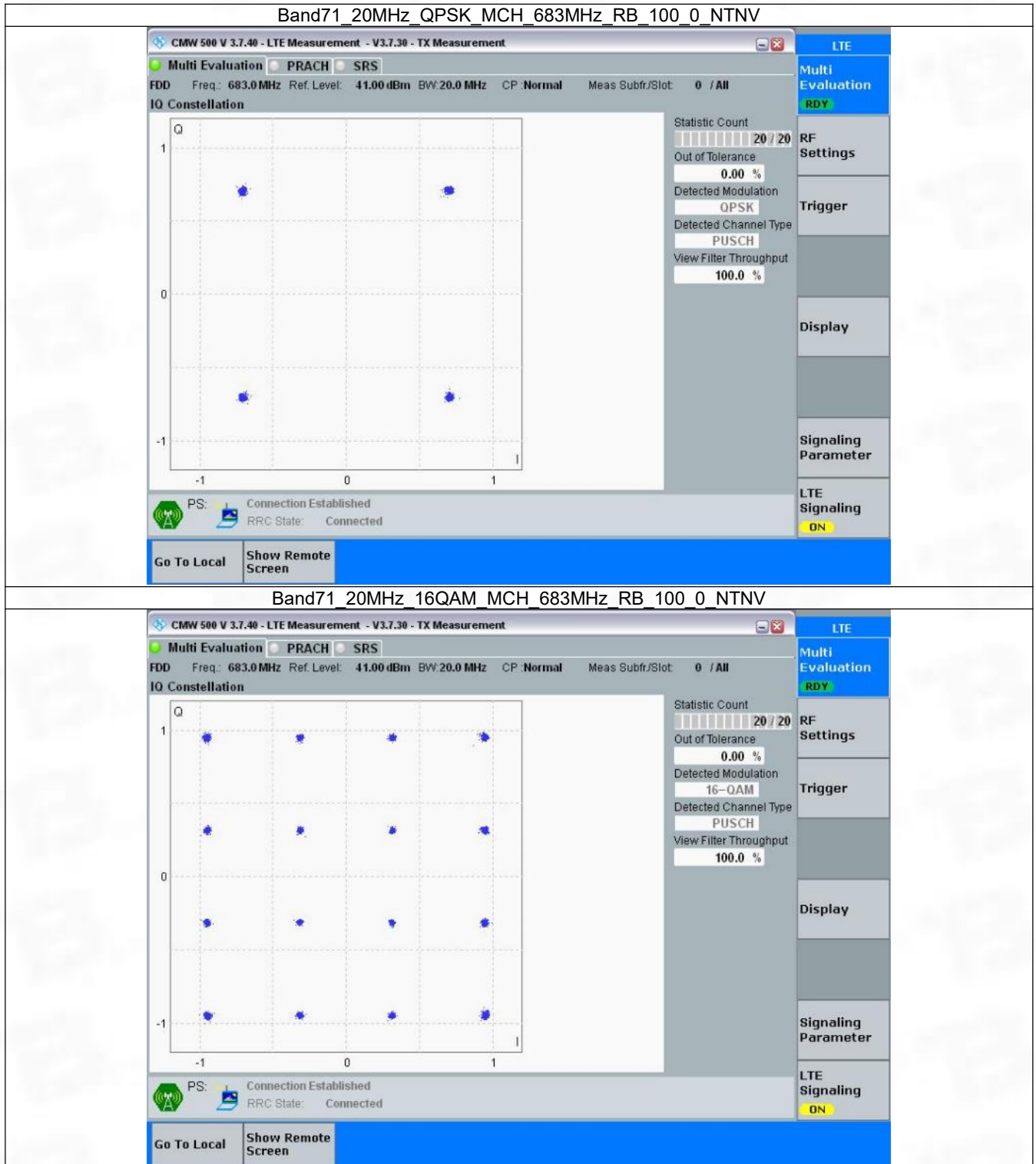
3.2.2 B71_10MHz



3.2.3 B71_15MHz



3.2.4 B71_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band71_OBW

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.510	/	Pass
		680.5	25	0	4.538	/	Pass
		695.5	25	0	4.524	/	Pass
	16QAM	665.5	25	0	4.518	/	Pass
		680.5	25	0	4.516	/	Pass
		695.5	25	0	4.534	/	Pass
10	QPSK	668	50	0	8.981	/	Pass
		680.5	50	0	8.959	/	Pass
		693	50	0	8.980	/	Pass
	16QAM	668	50	0	8.972	/	Pass
		680.5	50	0	8.978	/	Pass
		693	50	0	8.964	/	Pass
15	QPSK	670.5	75	0	13.462	/	Pass
		680.5	75	0	13.460	/	Pass
		690.5	75	0	13.412	/	Pass
	16QAM	670.5	75	0	13.436	/	Pass
		680.5	75	0	13.490	/	Pass
		690.5	75	0	13.438	/	Pass
20	QPSK	673	100	0	17.917	/	Pass
		683	100	0	17.911	/	Pass
		688	100	0	17.940	/	Pass
	16QAM	673	100	0	17.868	/	Pass
		683	100	0	17.951	/	Pass
		688	100	0	17.956	/	Pass

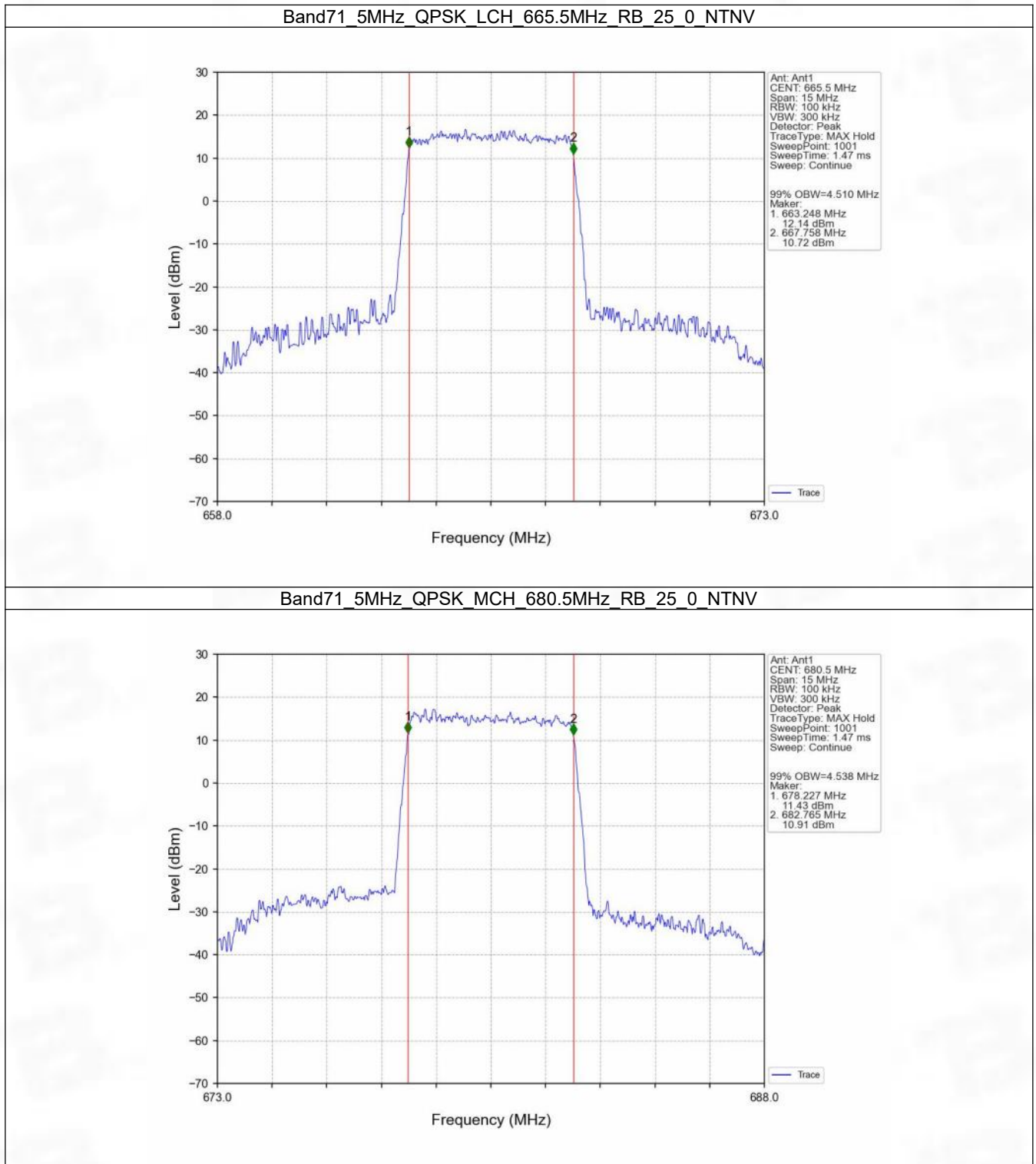
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.985	/	Pass
		680.5	25	0	4.988	/	Pass
		695.5	25	0	4.993	/	Pass
	16QAM	665.5	25	0	5.002	/	Pass
		680.5	25	0	4.975	/	Pass
		695.5	25	0	5.040	/	Pass
10	QPSK	668	50	0	9.751	/	Pass
		680.5	50	0	9.777	/	Pass
		693	50	0	9.716	/	Pass
	16QAM	668	50	0	9.787	/	Pass
		680.5	50	0	9.749	/	Pass
		693	50	0	9.763	/	Pass
15	QPSK	670.5	75	0	14.808	/	Pass
		680.5	75	0	14.871	/	Pass
		690.5	75	0	14.716	/	Pass

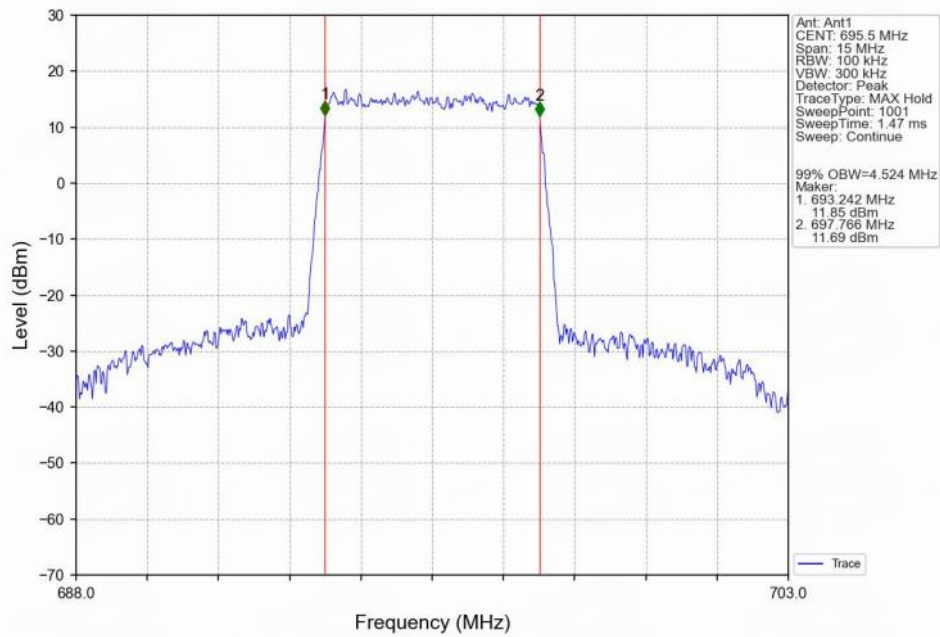
20	16QAM	670.5	75	0	14.732	/	Pass
		680.5	75	0	14.657	/	Pass
		690.5	75	0	14.751	/	Pass
	QPSK	673	100	0	19.305	/	Pass
		683	100	0	19.429	/	Pass
		688	100	0	19.351	/	Pass
	16QAM	673	100	0	19.292	/	Pass
		683	100	0	19.413	/	Pass
		688	100	0	19.483	/	Pass

4.2 Test Graph

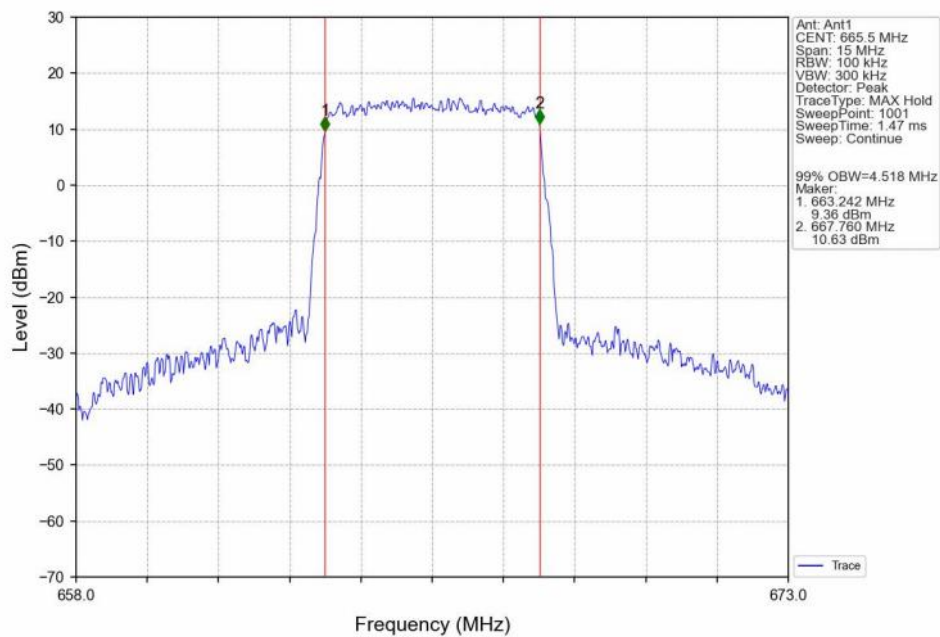
4.2.1 Band71_OBW



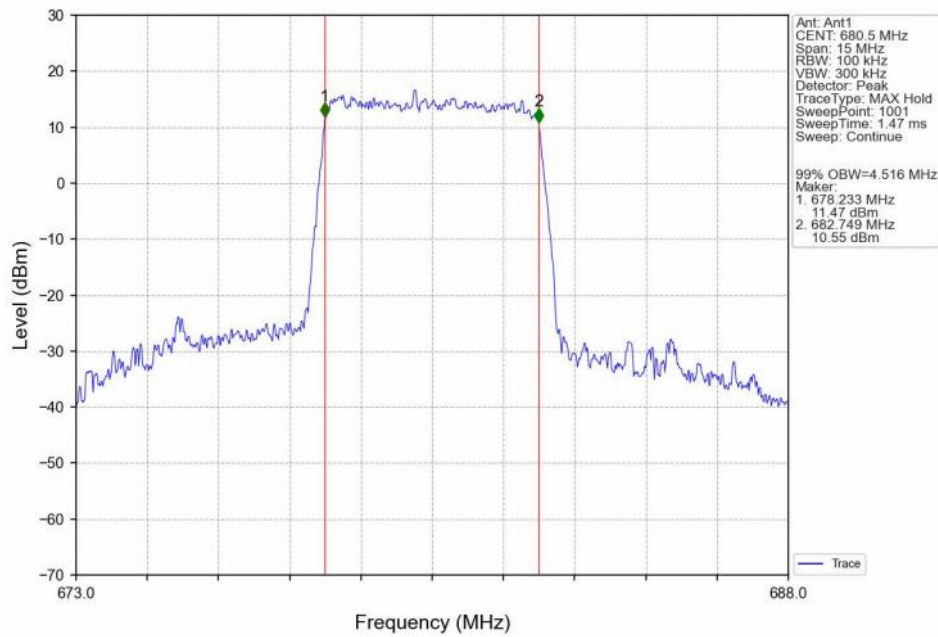
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



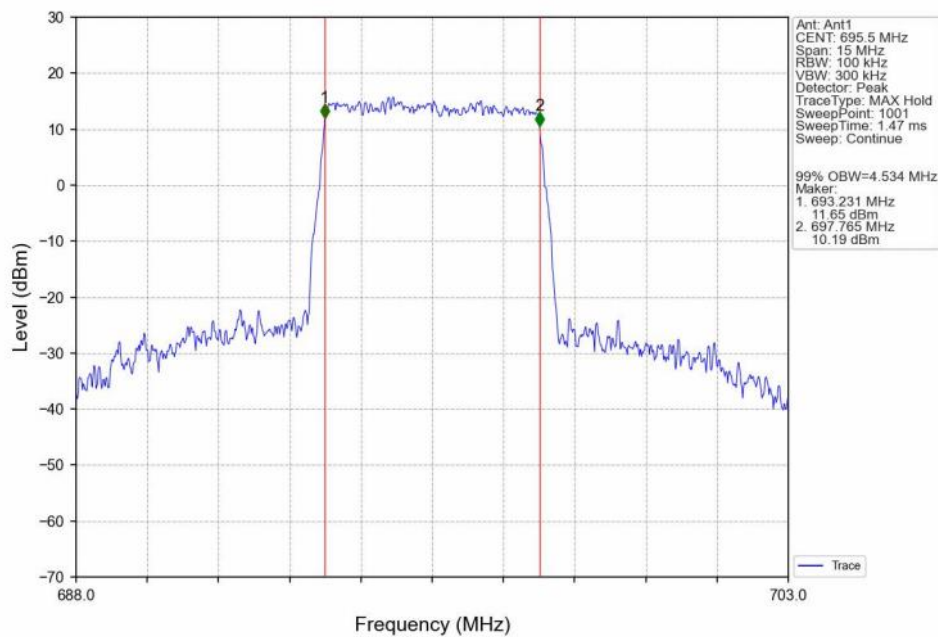
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



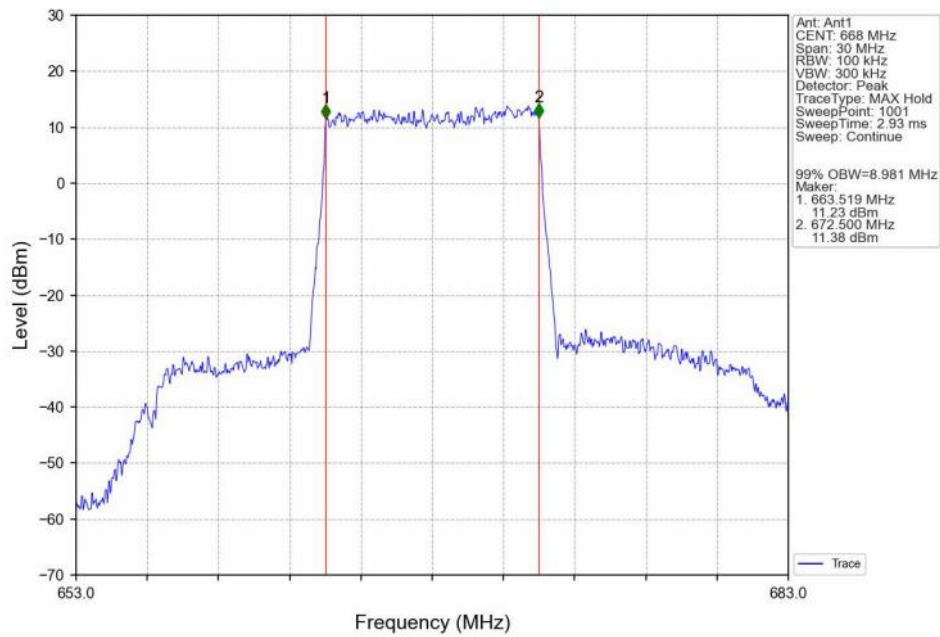
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



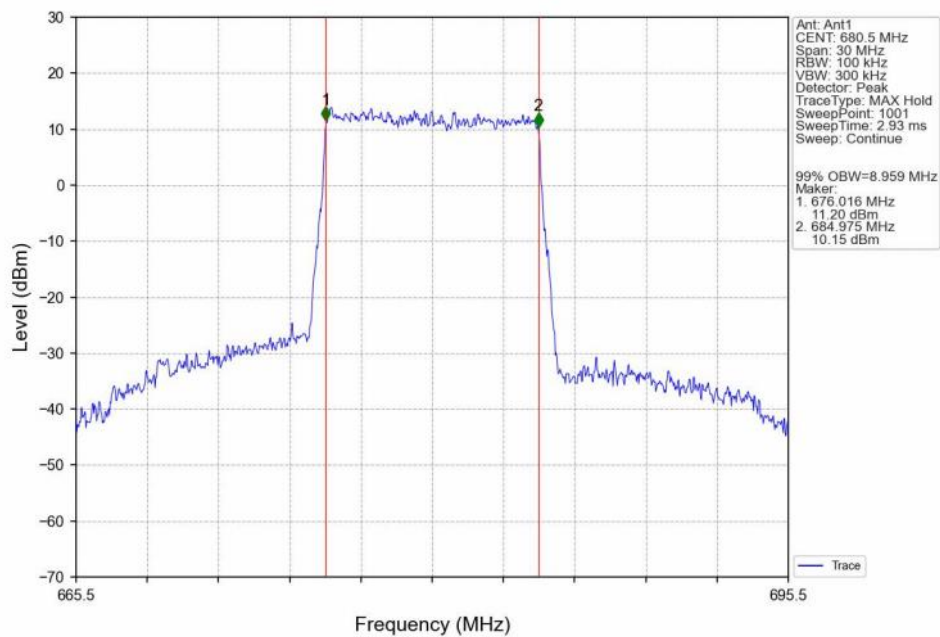
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



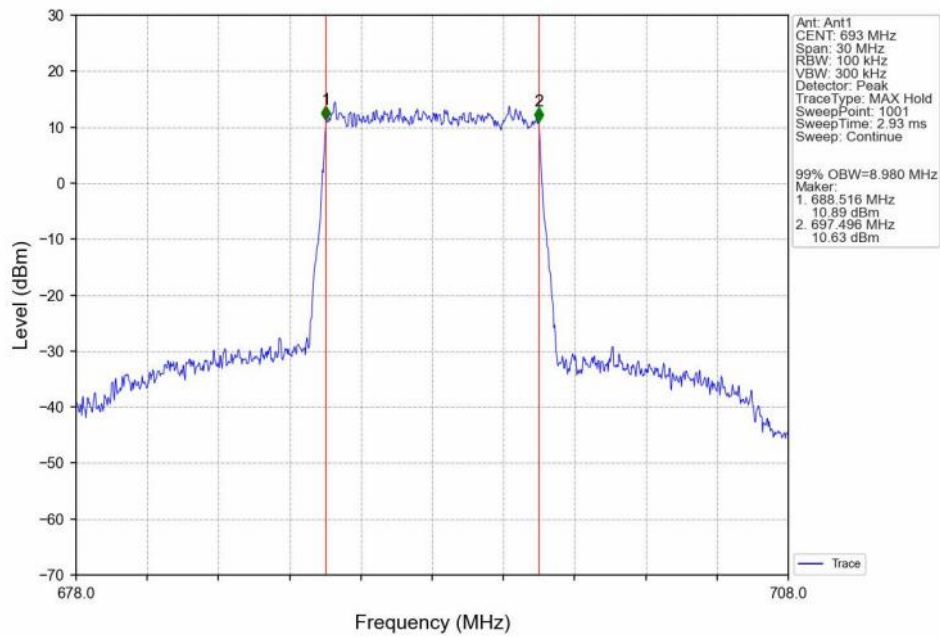
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



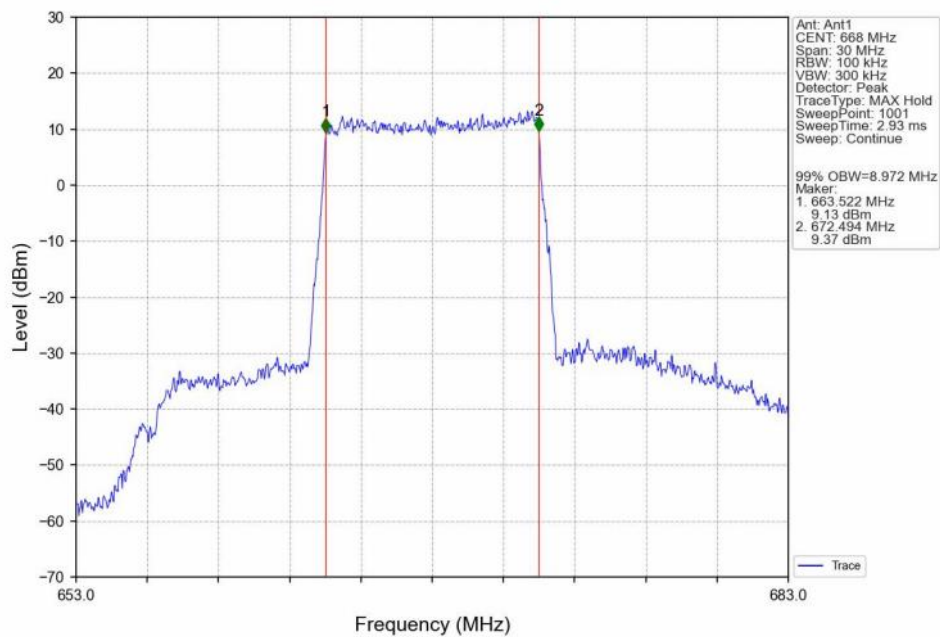
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



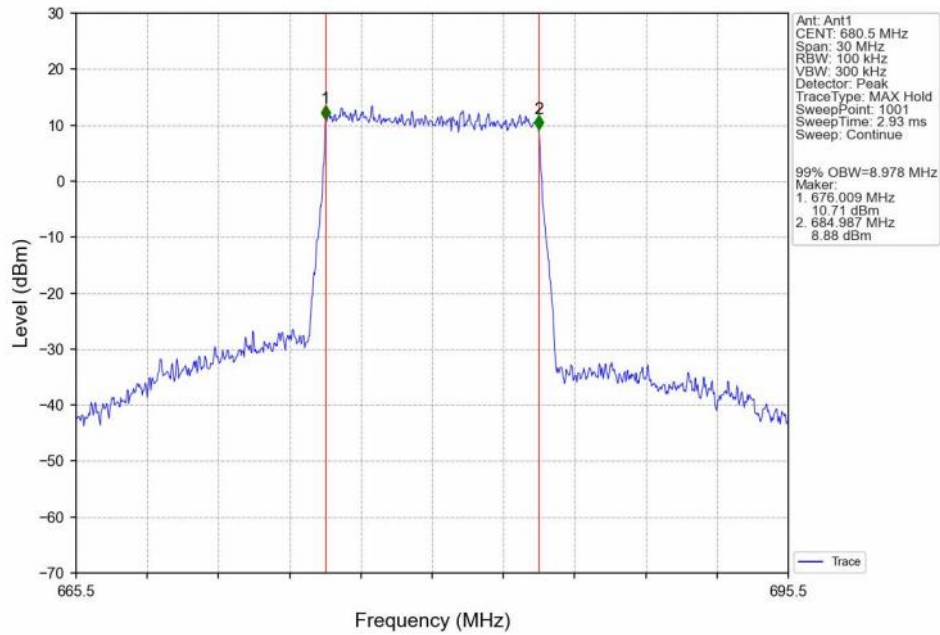
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



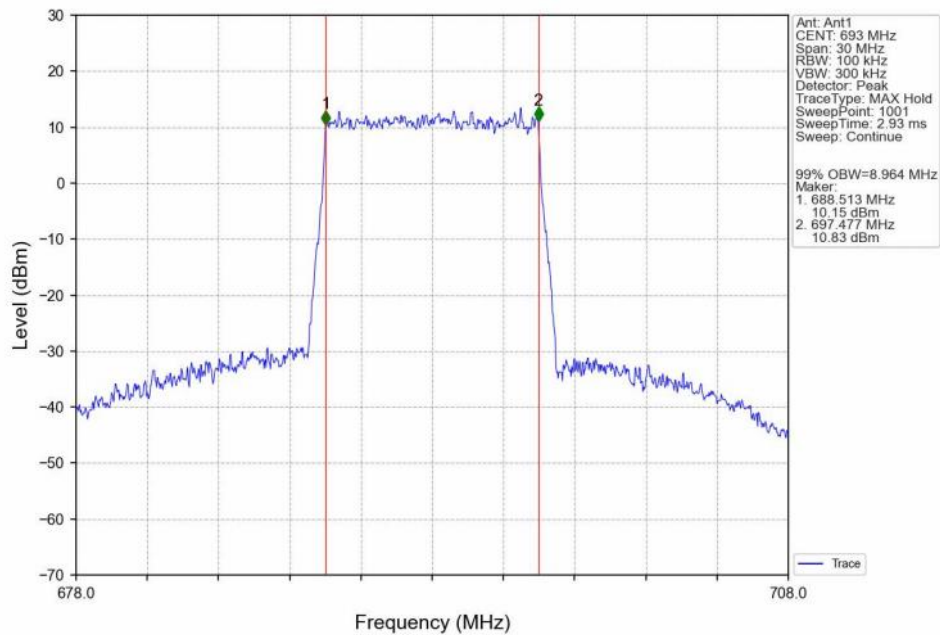
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



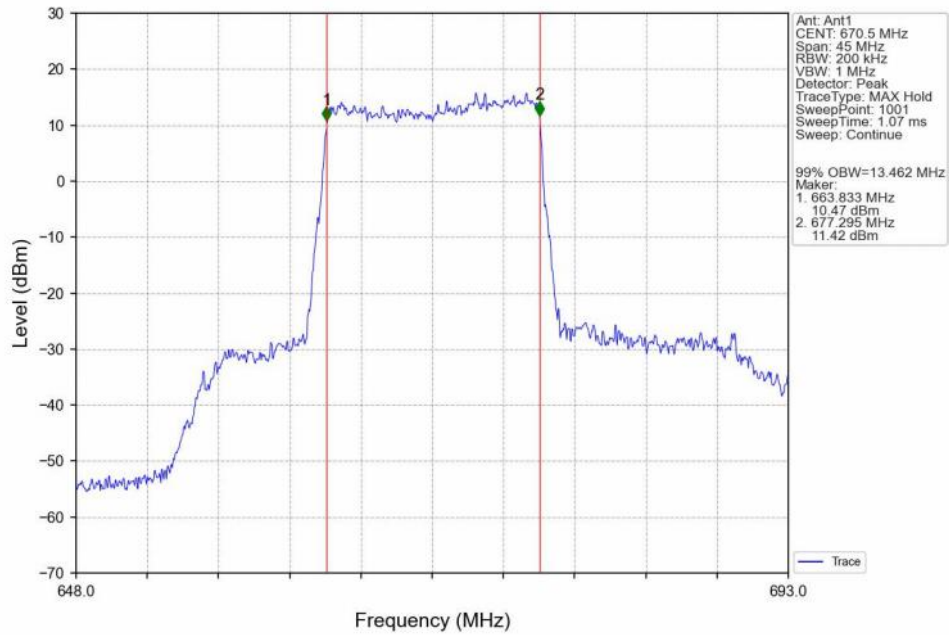
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



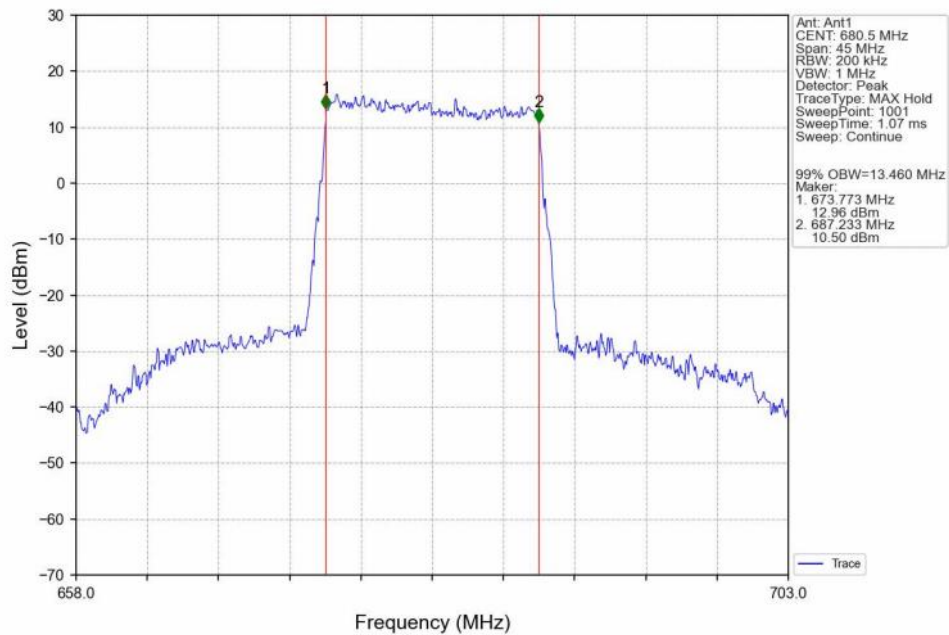
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



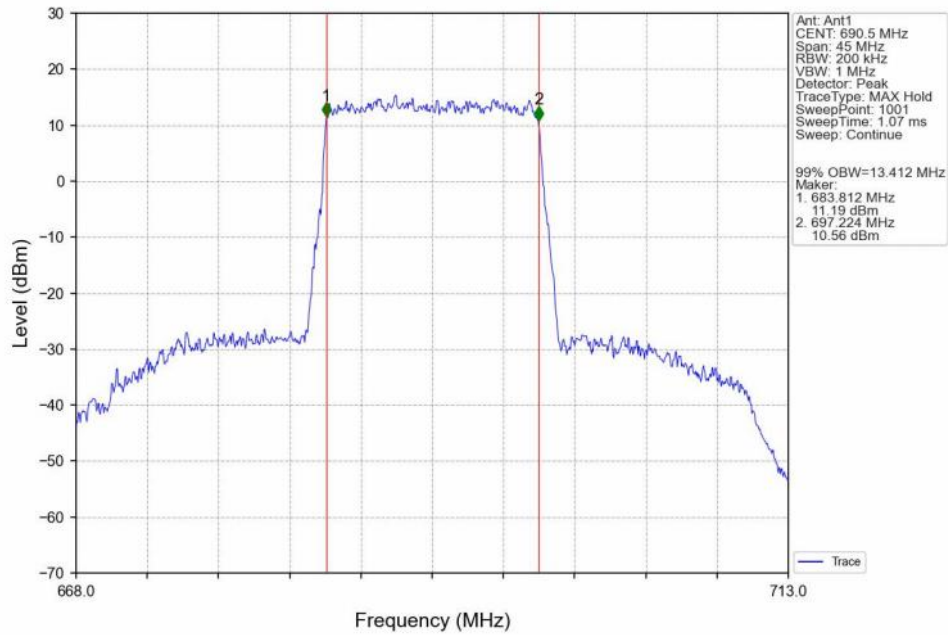
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



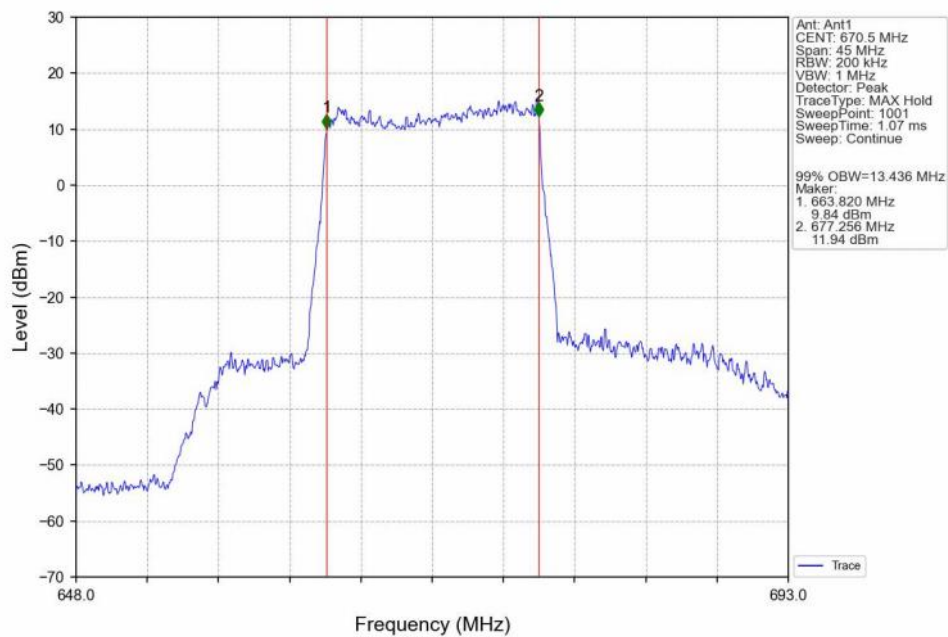
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



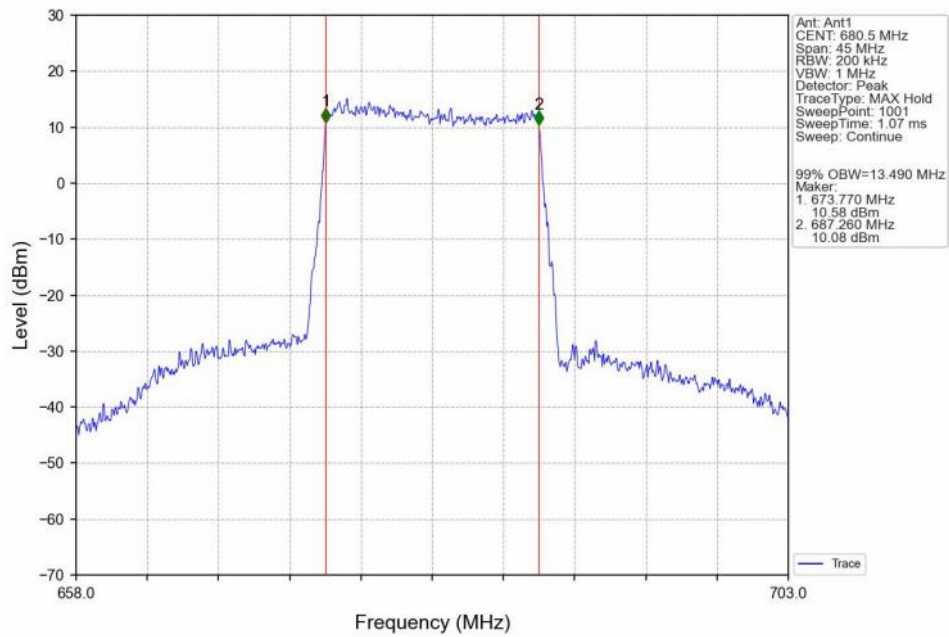
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



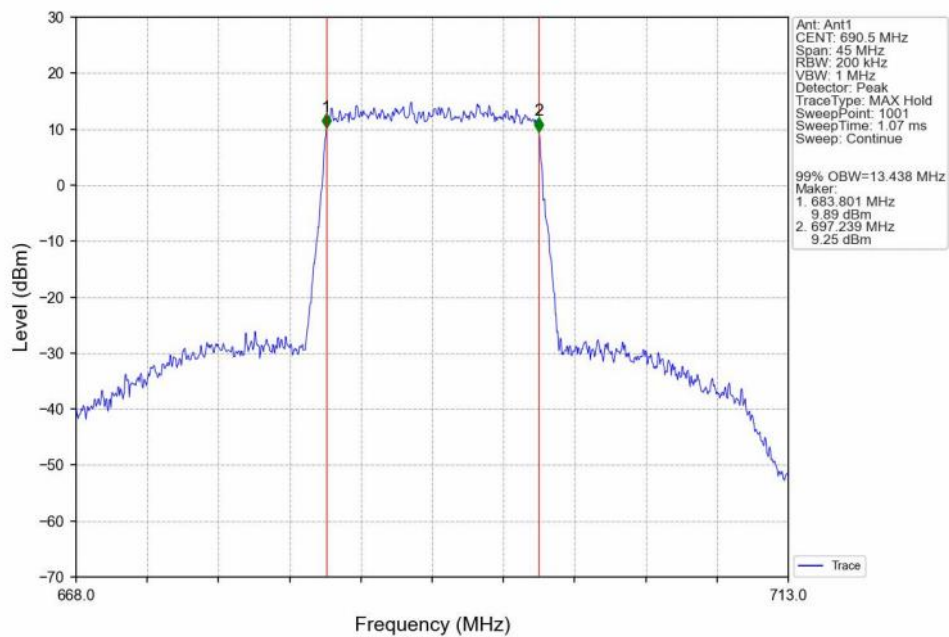
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



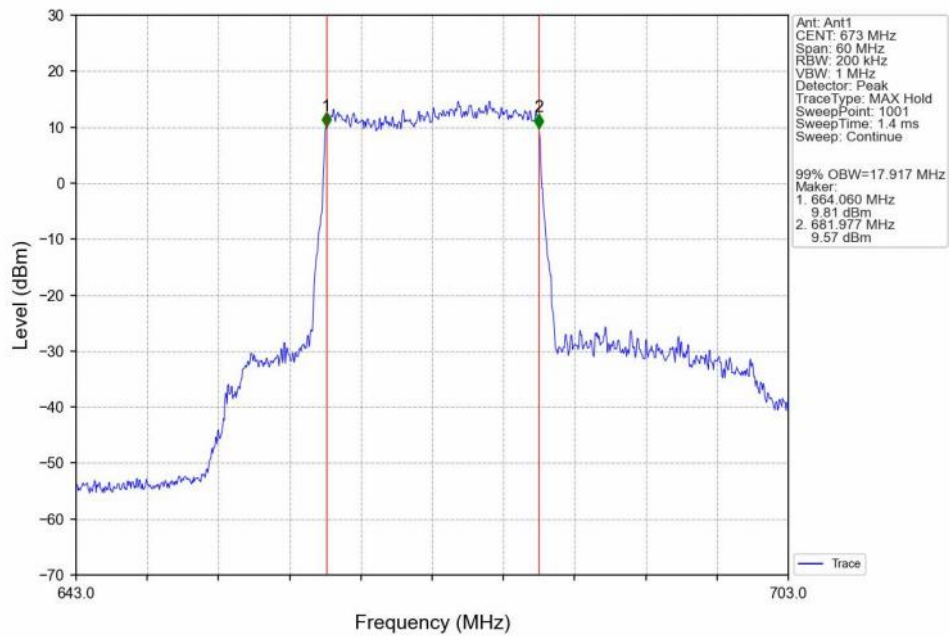
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



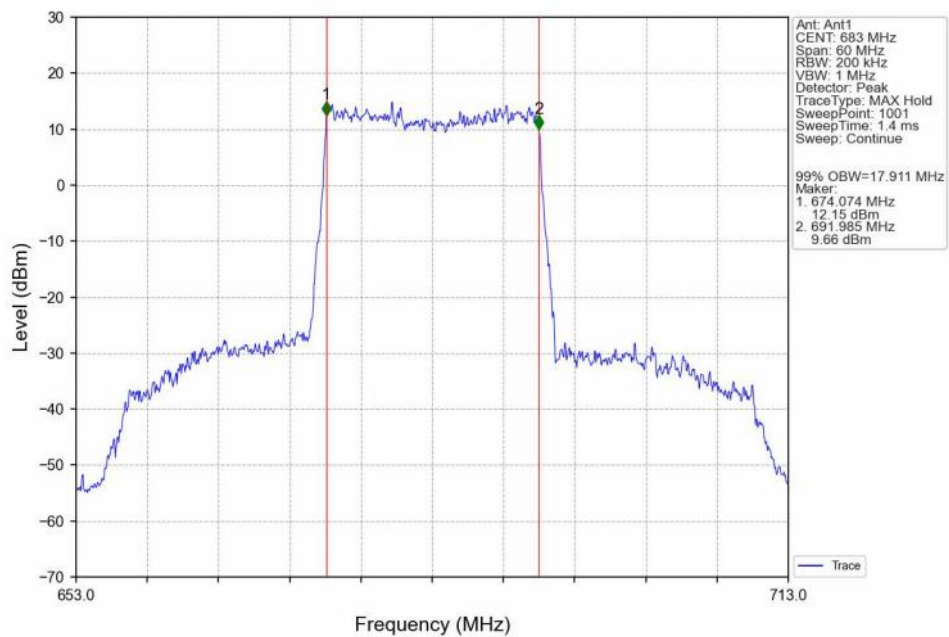
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



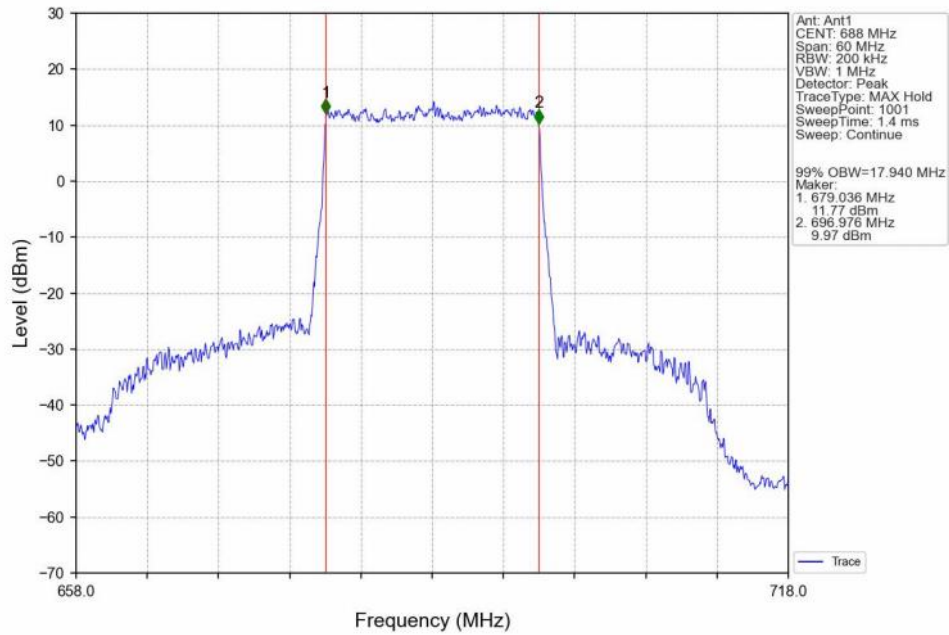
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



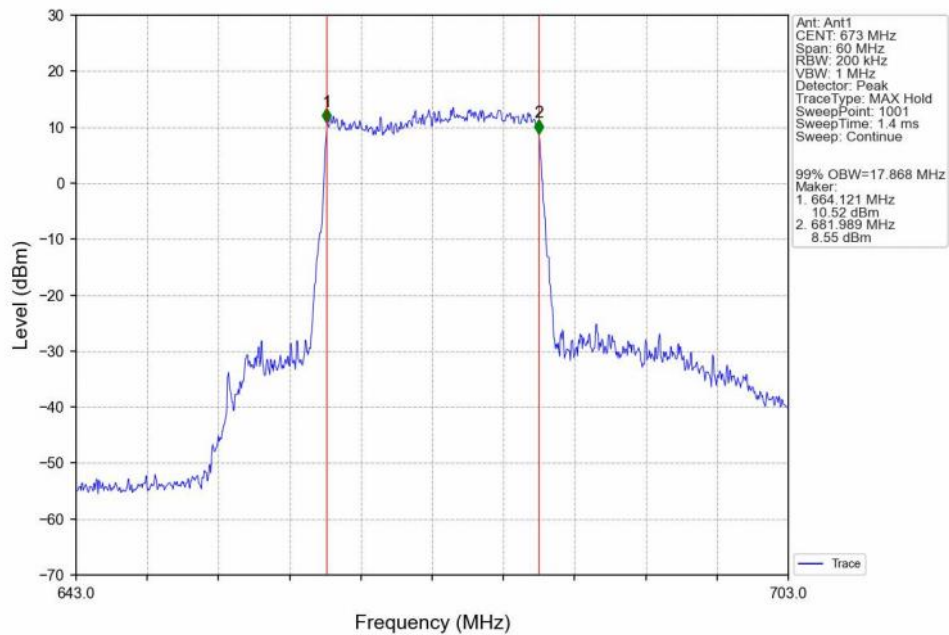
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



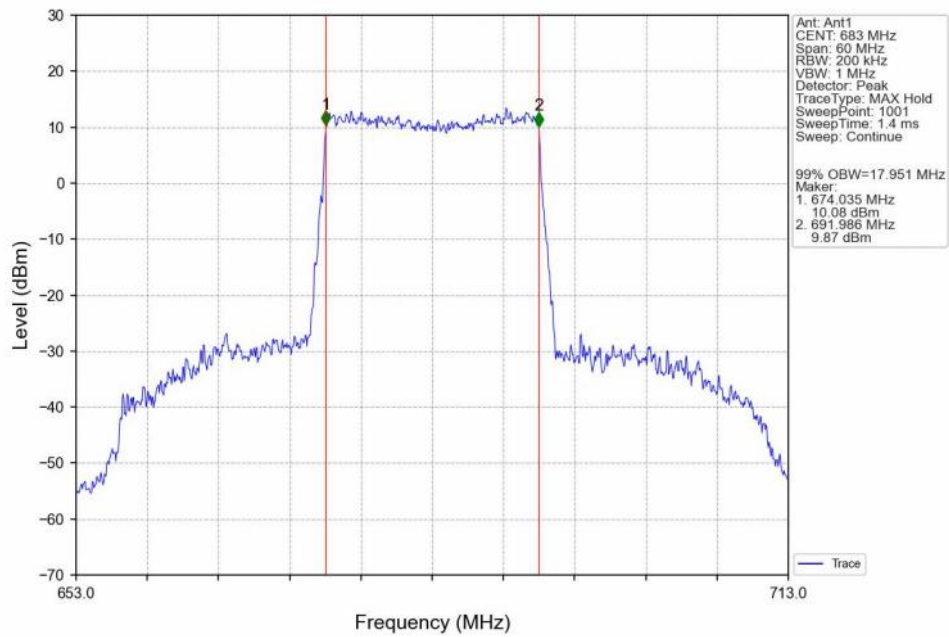
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



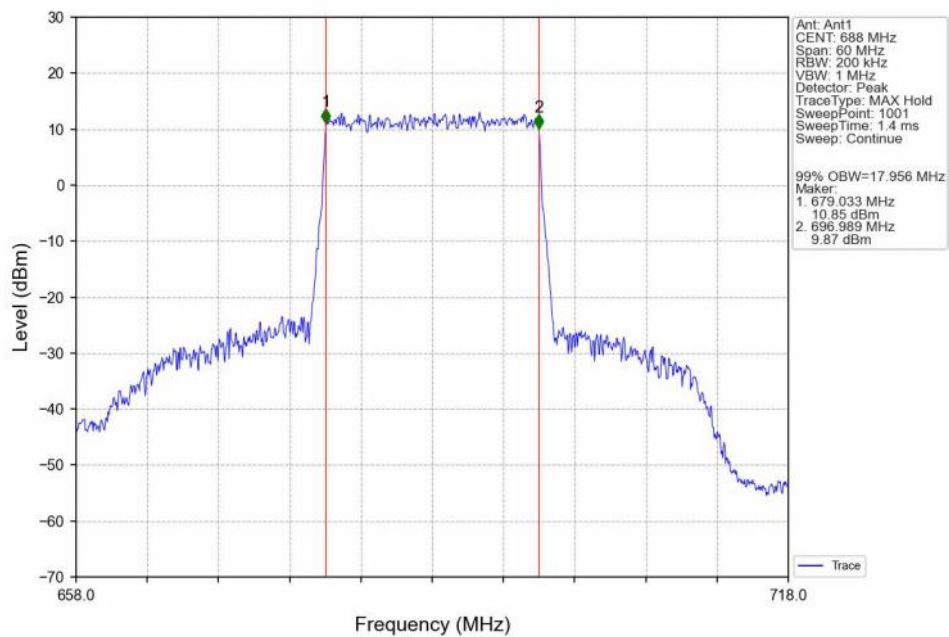
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



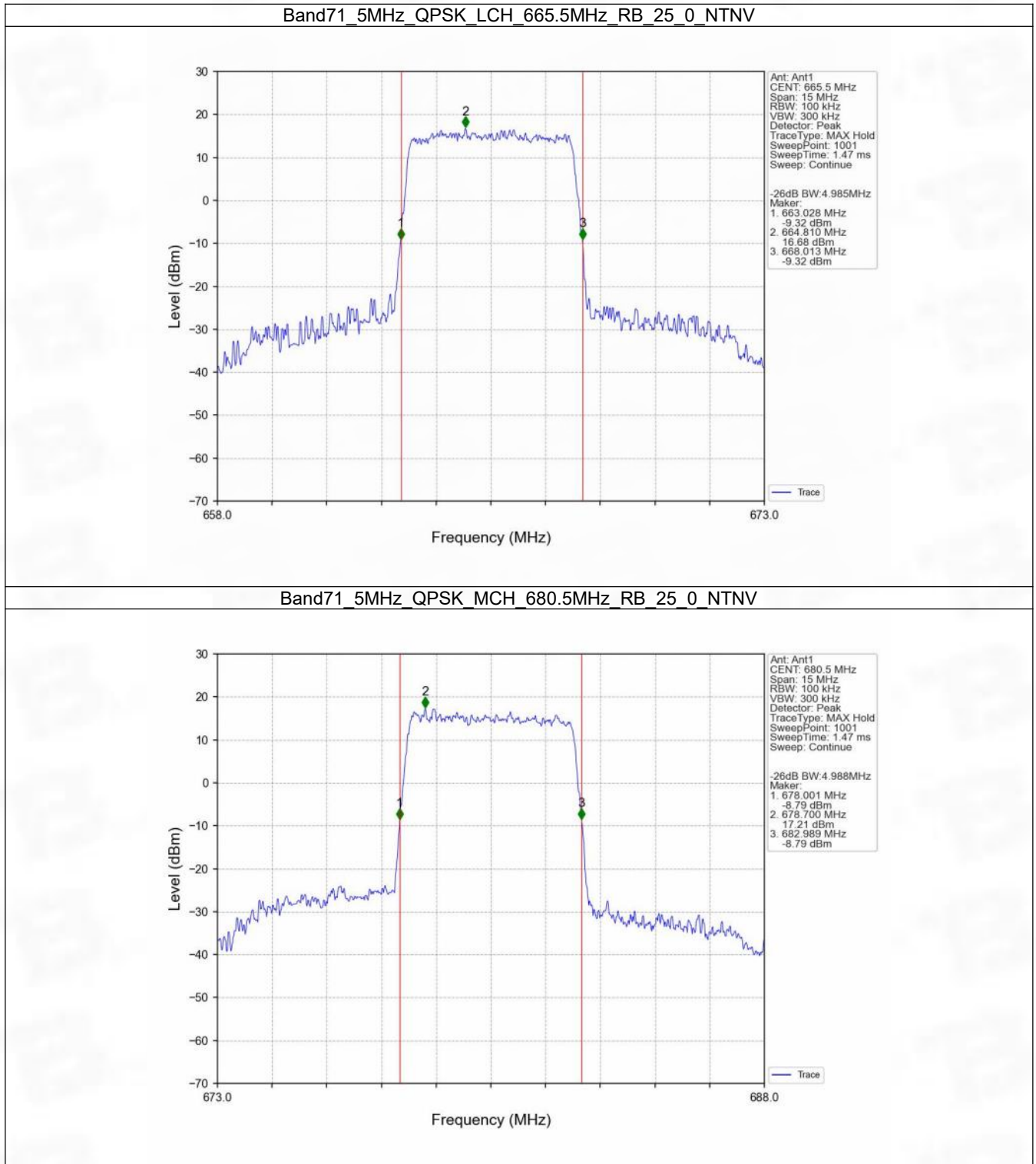
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



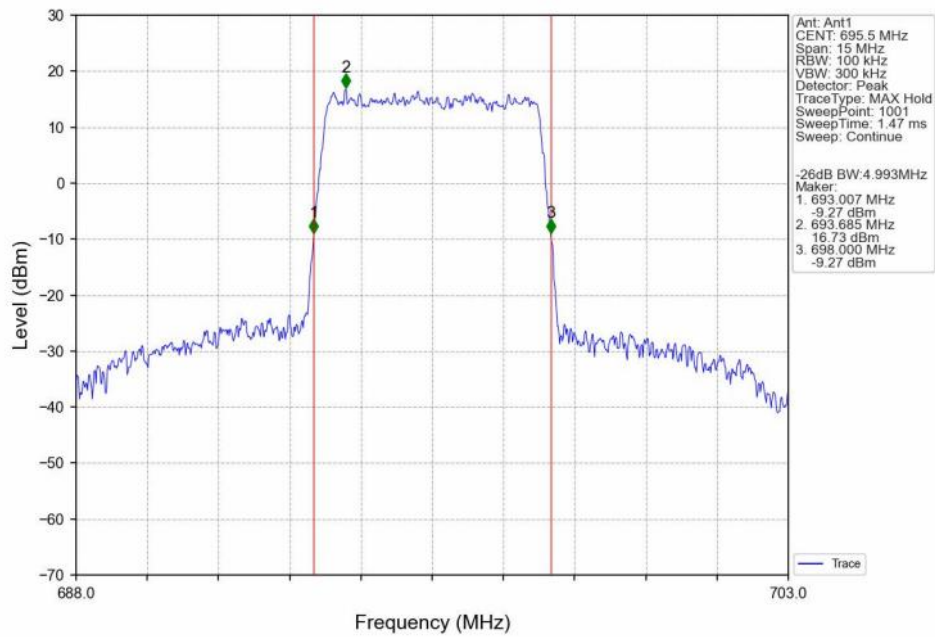
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



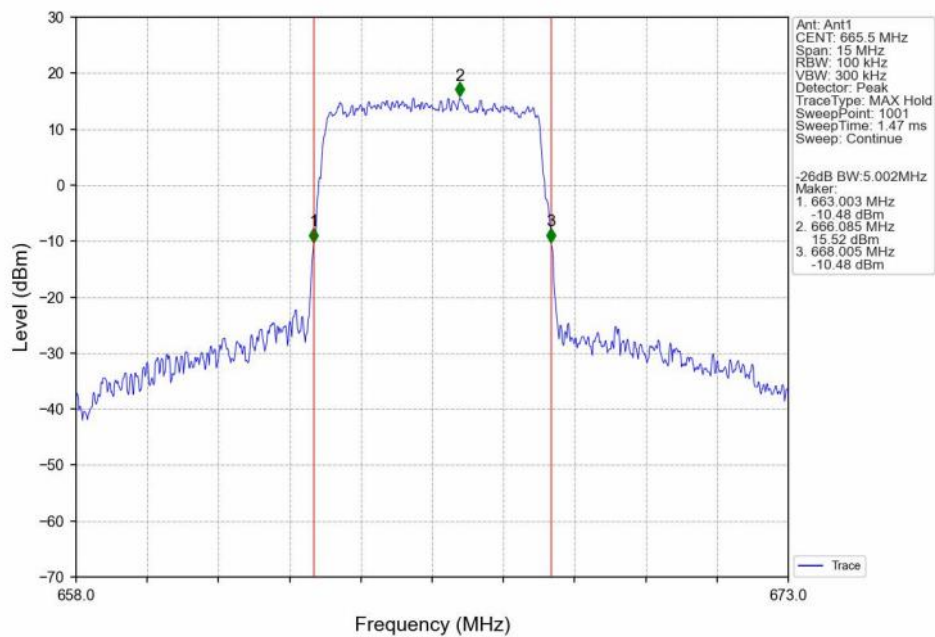
4.2.2 Band71_XDB



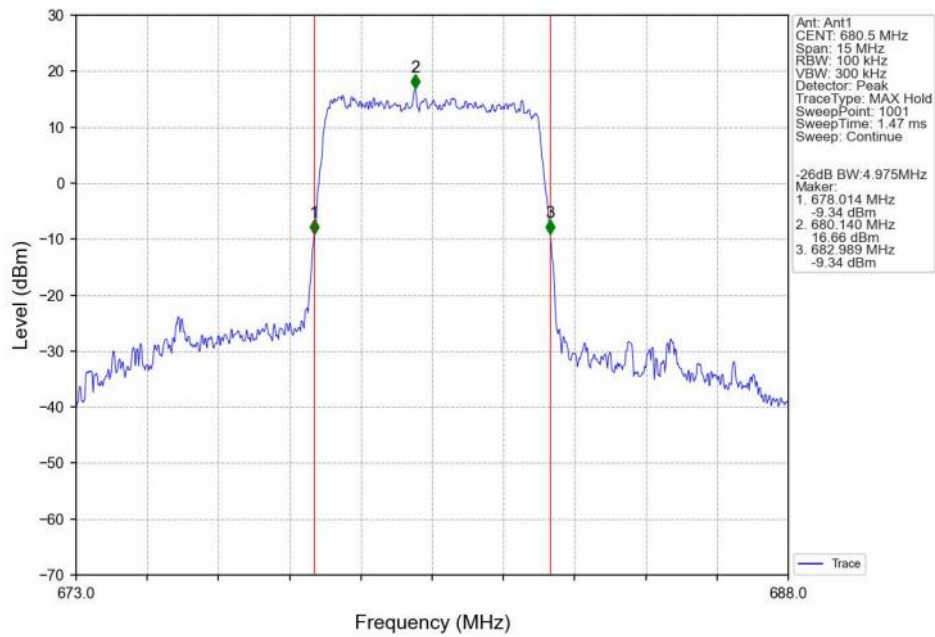
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



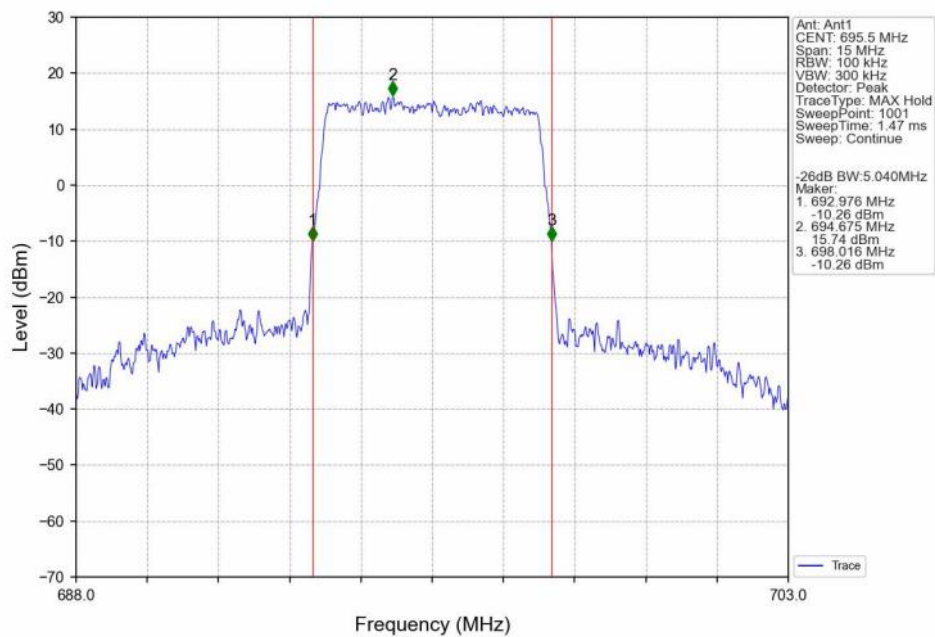
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



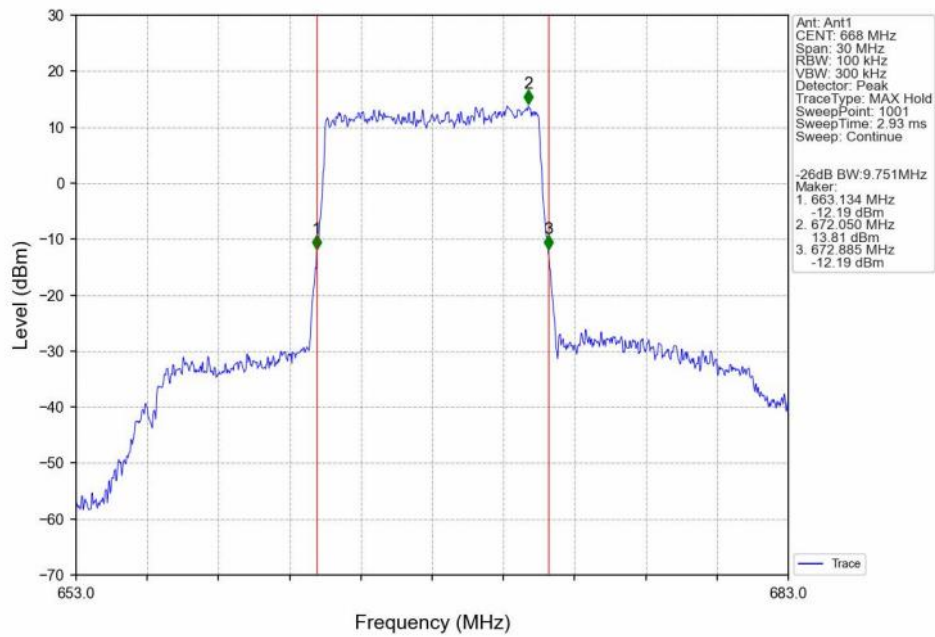
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



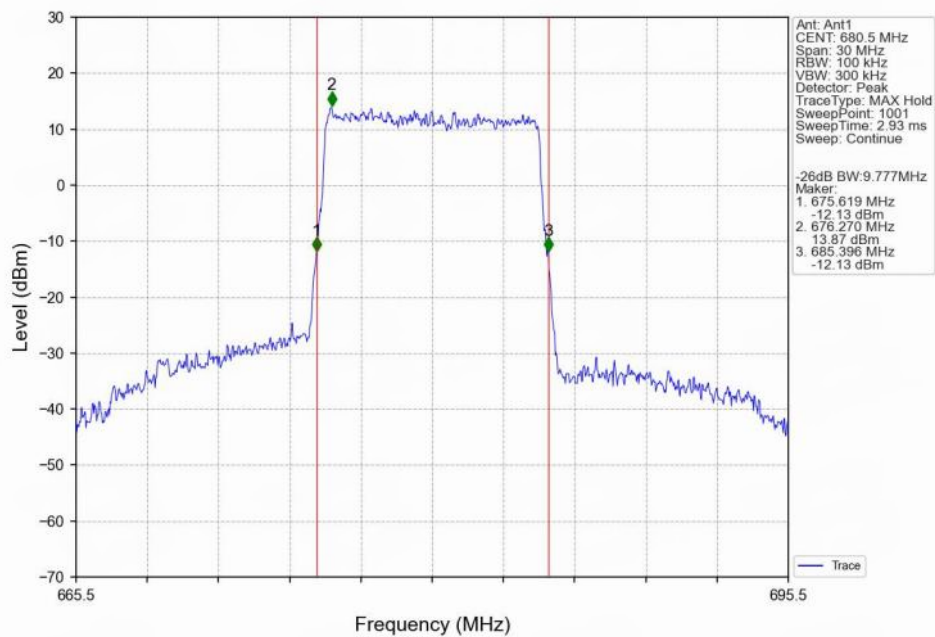
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



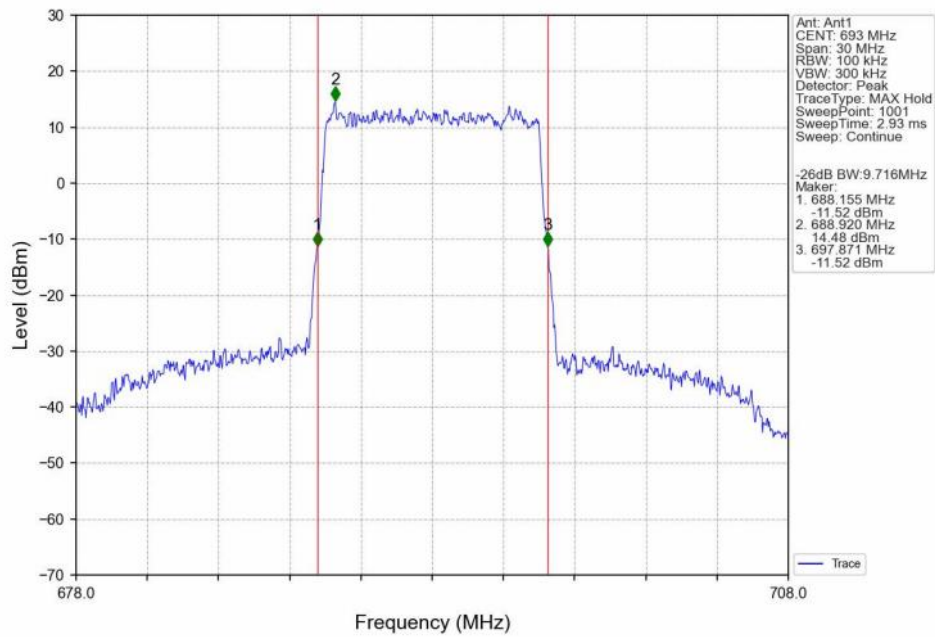
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



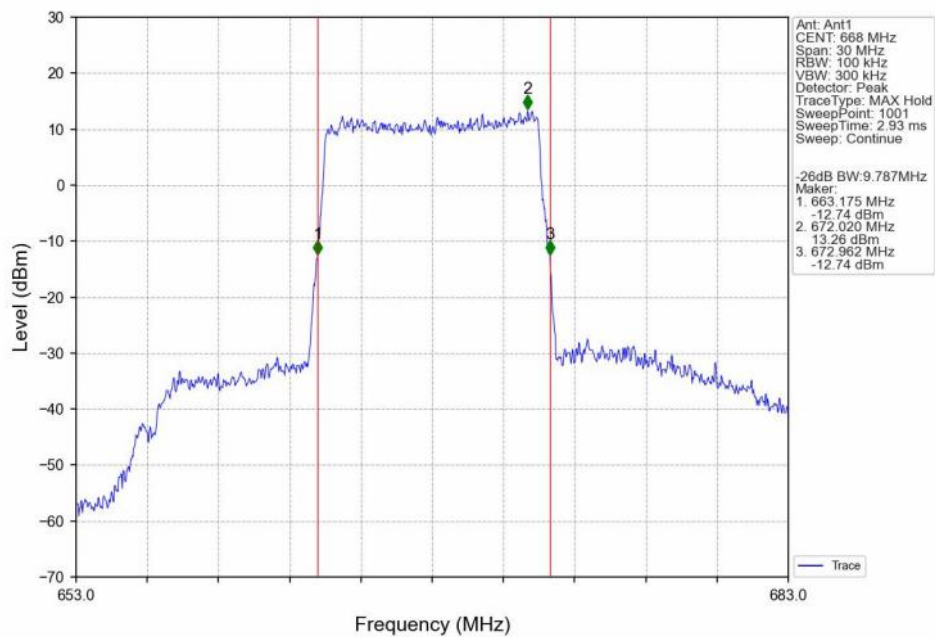
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



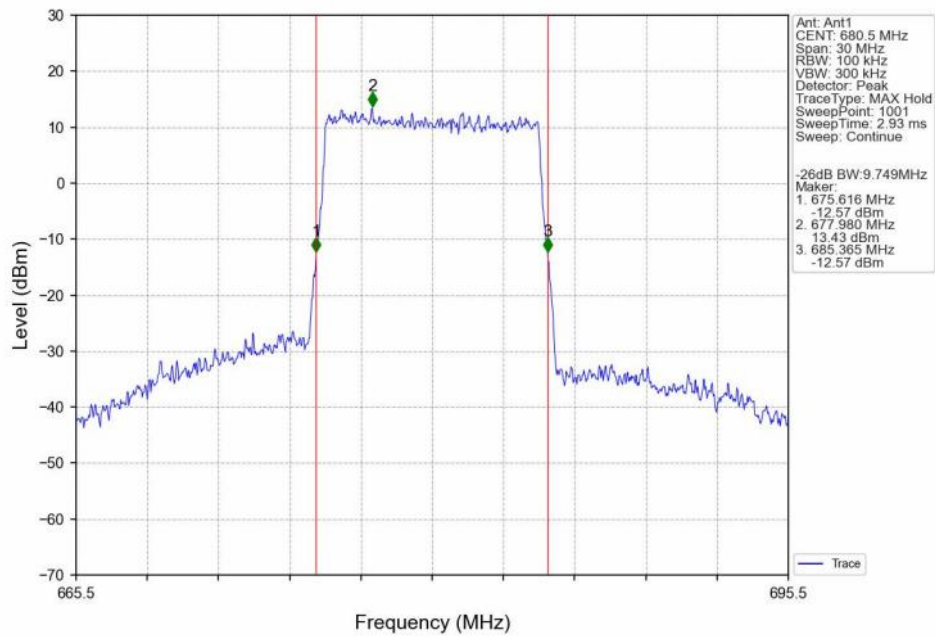
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



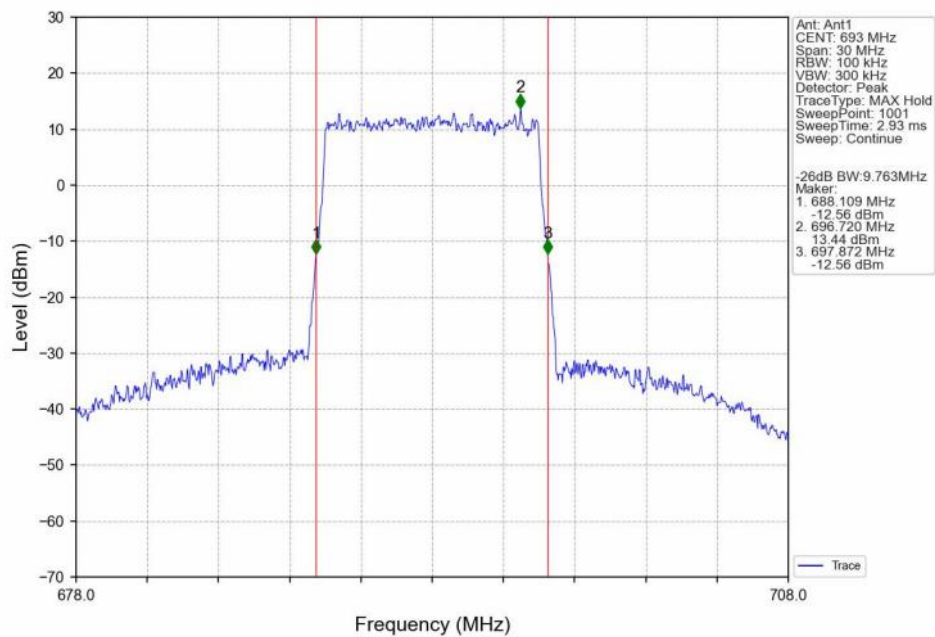
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



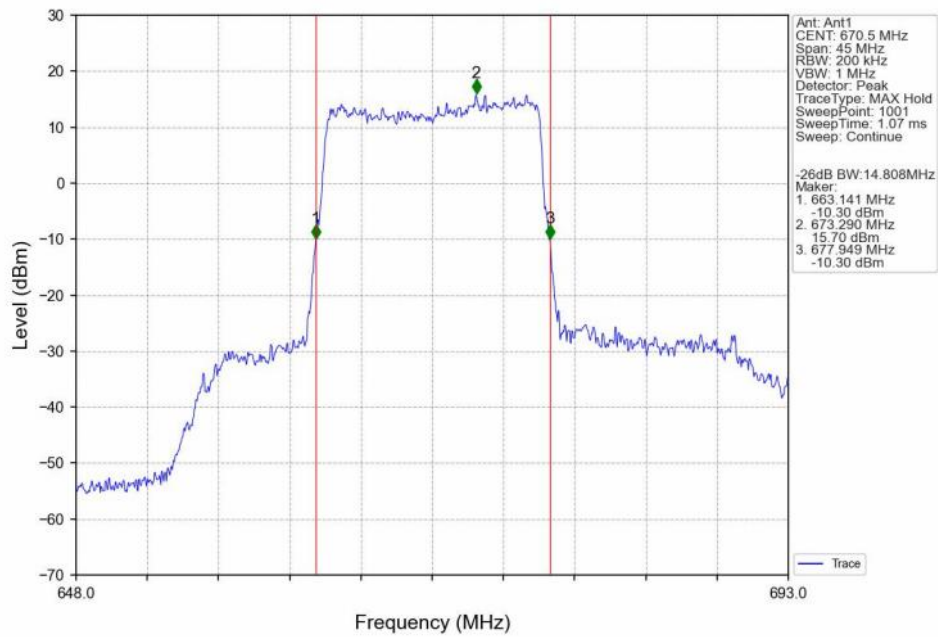
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



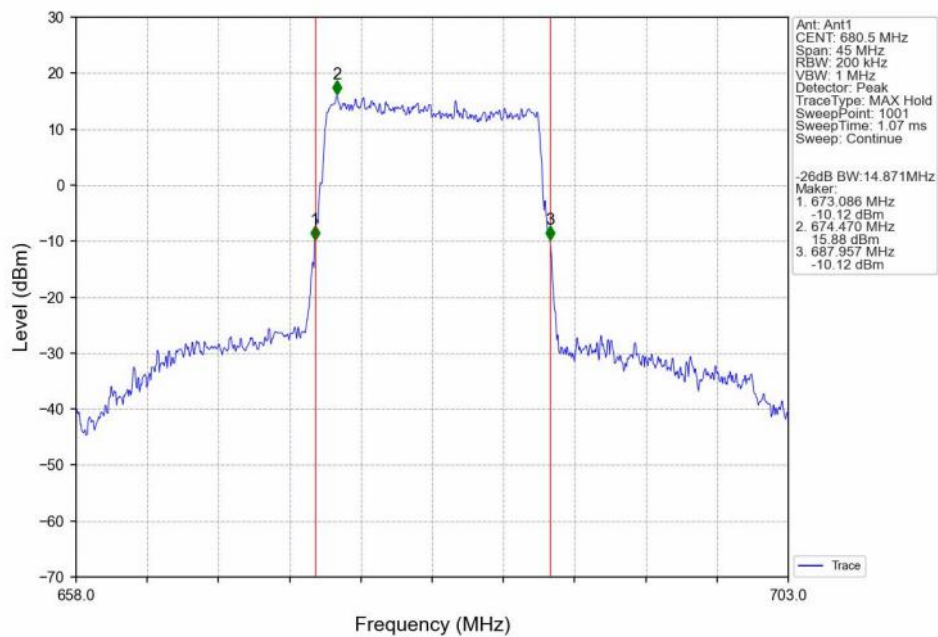
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



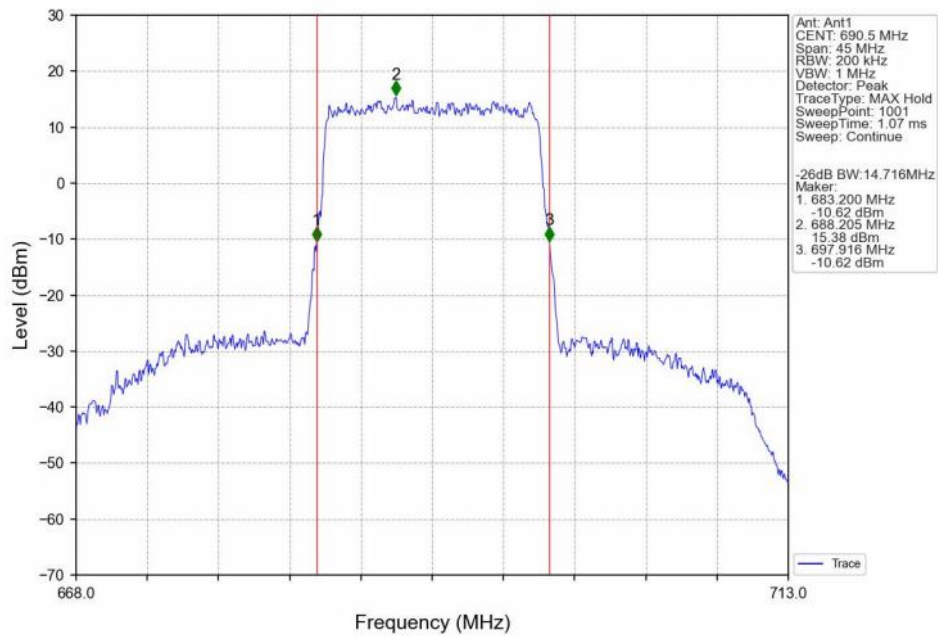
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



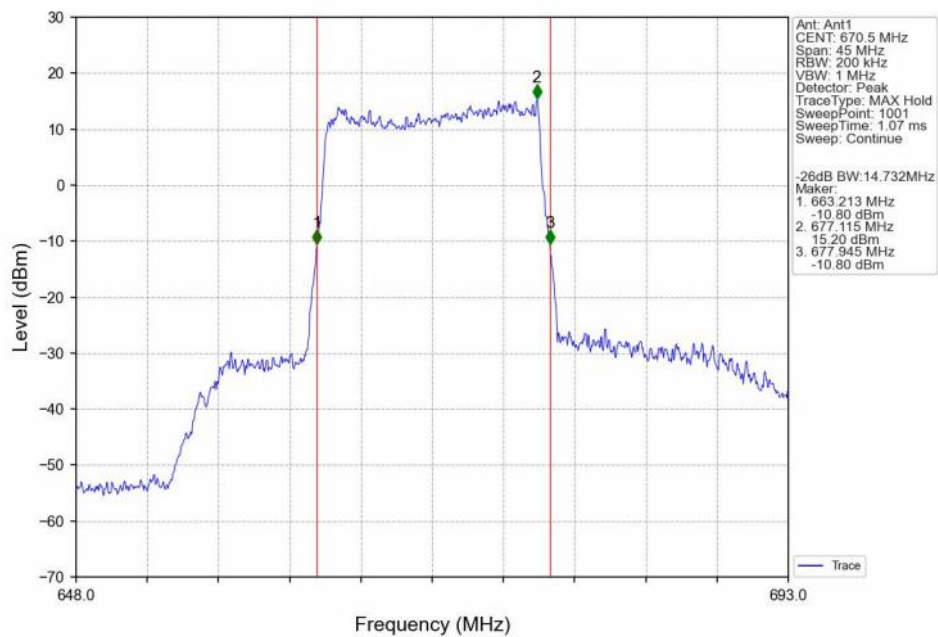
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



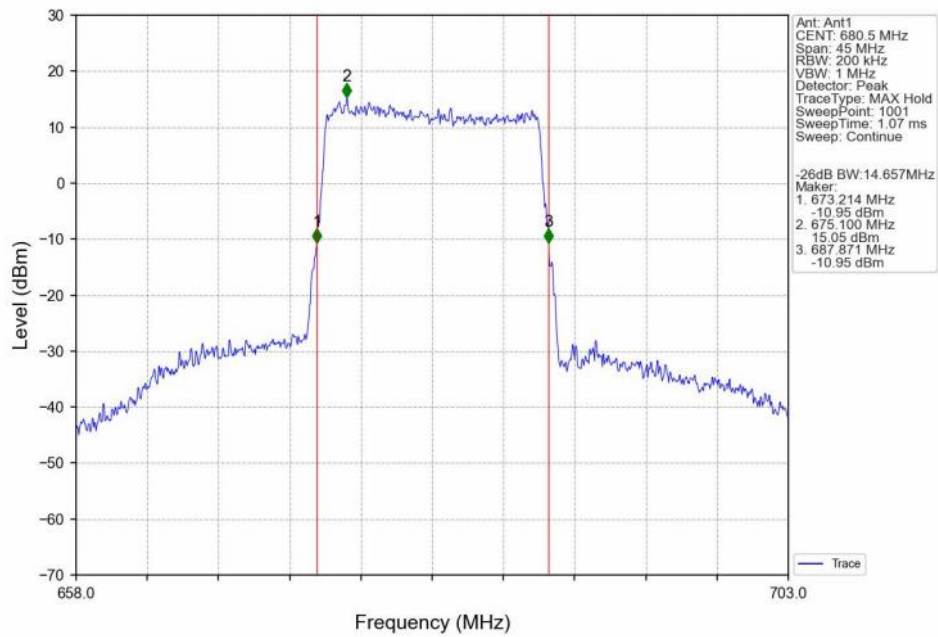
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



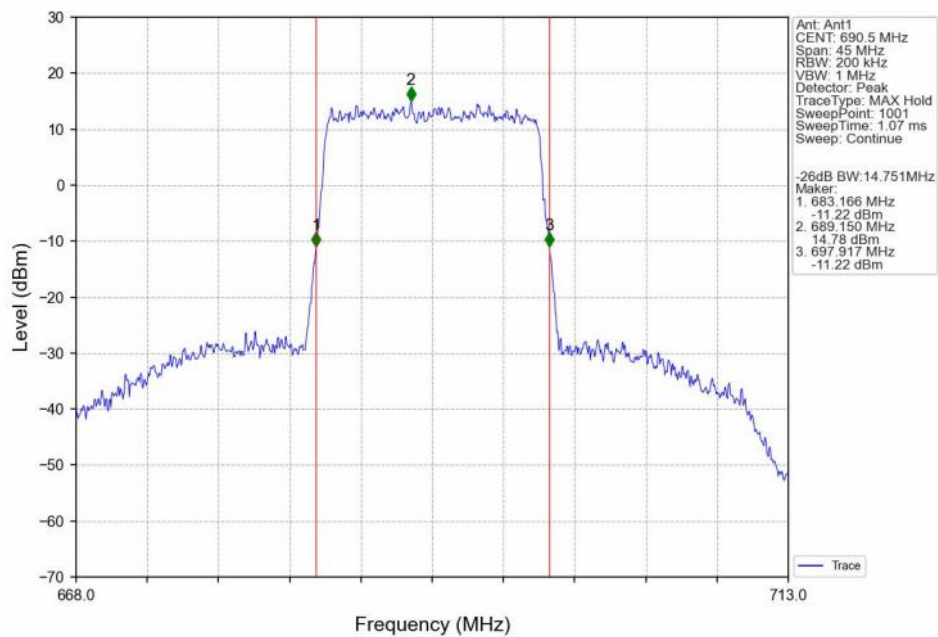
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



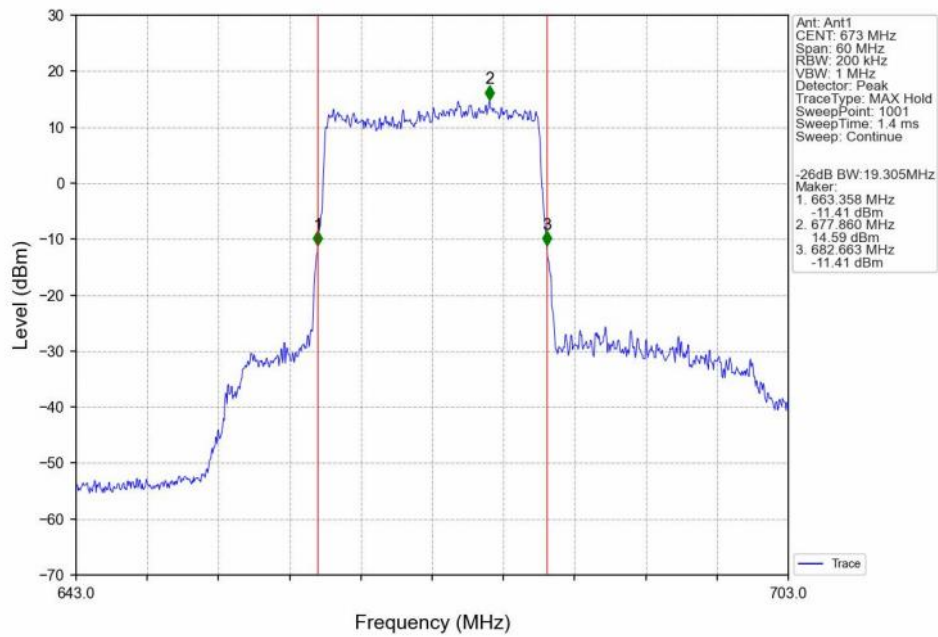
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



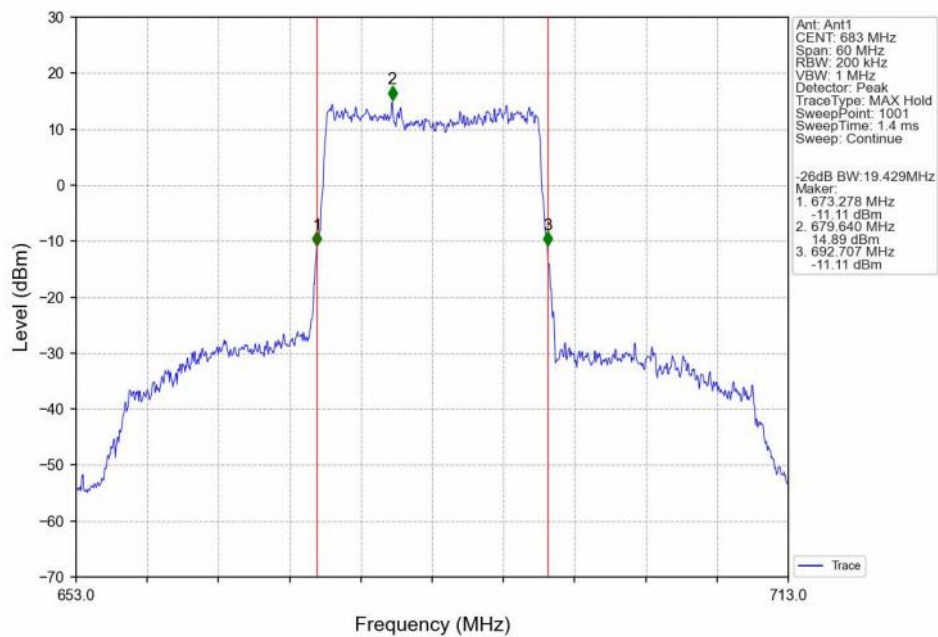
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



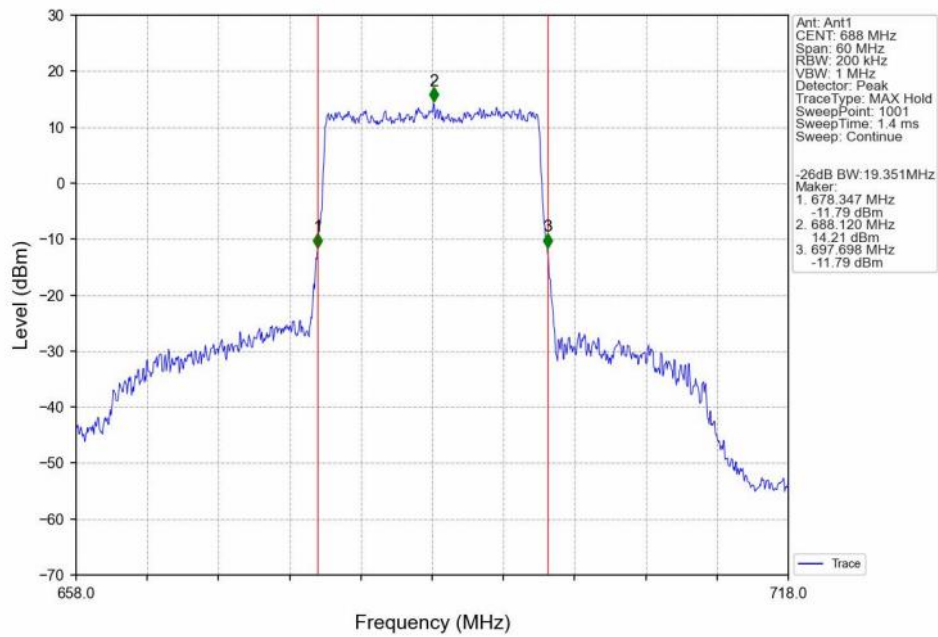
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



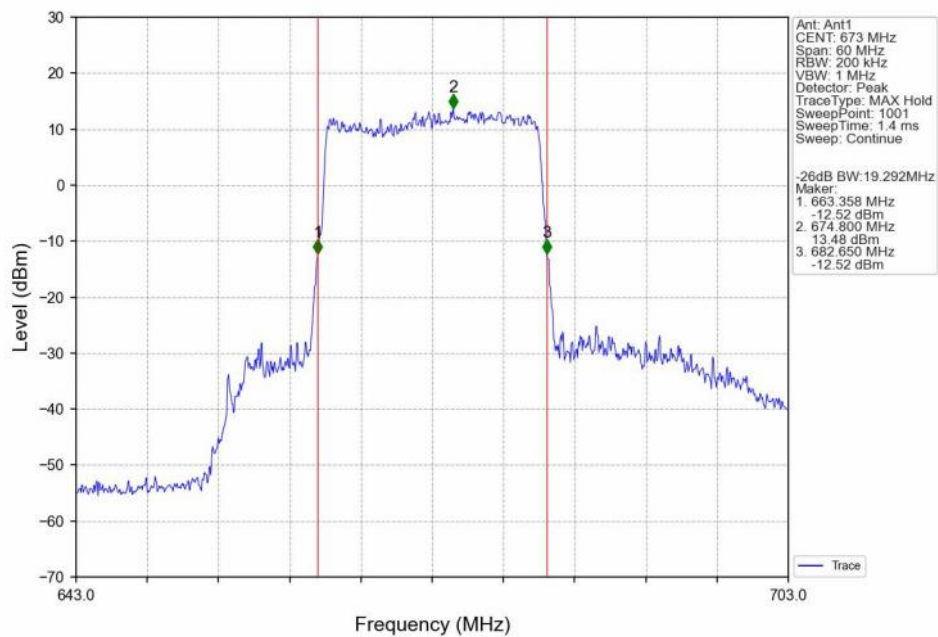
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



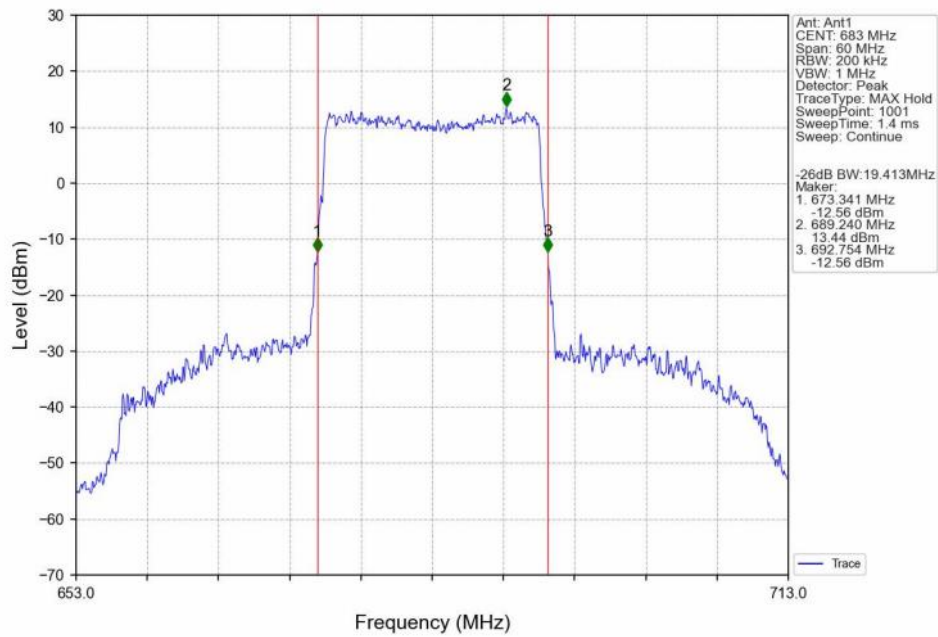
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



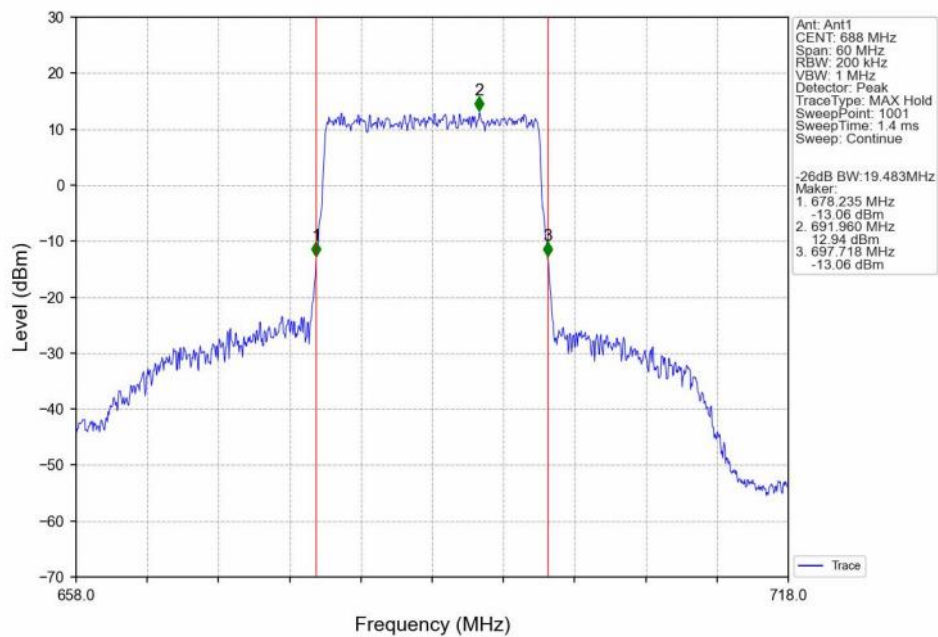
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



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	5.36	≤ 13	Pass
	680.5	25	0	5.63	≤ 13	Pass
	695.5	25	0	5.57	≤ 13	Pass
16QAM	665.5	25	0	6.10	≤ 13	Pass
	680.5	25	0	6.31	≤ 13	Pass
	695.5	25	0	6.30	≤ 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	5.65	≤ 13	Pass
	680.5	50	0	5.69	≤ 13	Pass
	693	50	0	5.60	≤ 13	Pass
16QAM	668	50	0	6.38	≤ 13	Pass
	680.5	50	0	6.43	≤ 13	Pass
	693	50	0	6.27	≤ 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	5.86	≤ 13	Pass
	680.5	75	0	5.90	≤ 13	Pass
	690.5	75	0	5.81	≤ 13	Pass
16QAM	670.5	75	0	6.36	≤ 13	Pass
	680.5	75	0	6.38	≤ 13	Pass
	690.5	75	0	6.28	≤ 13	Pass

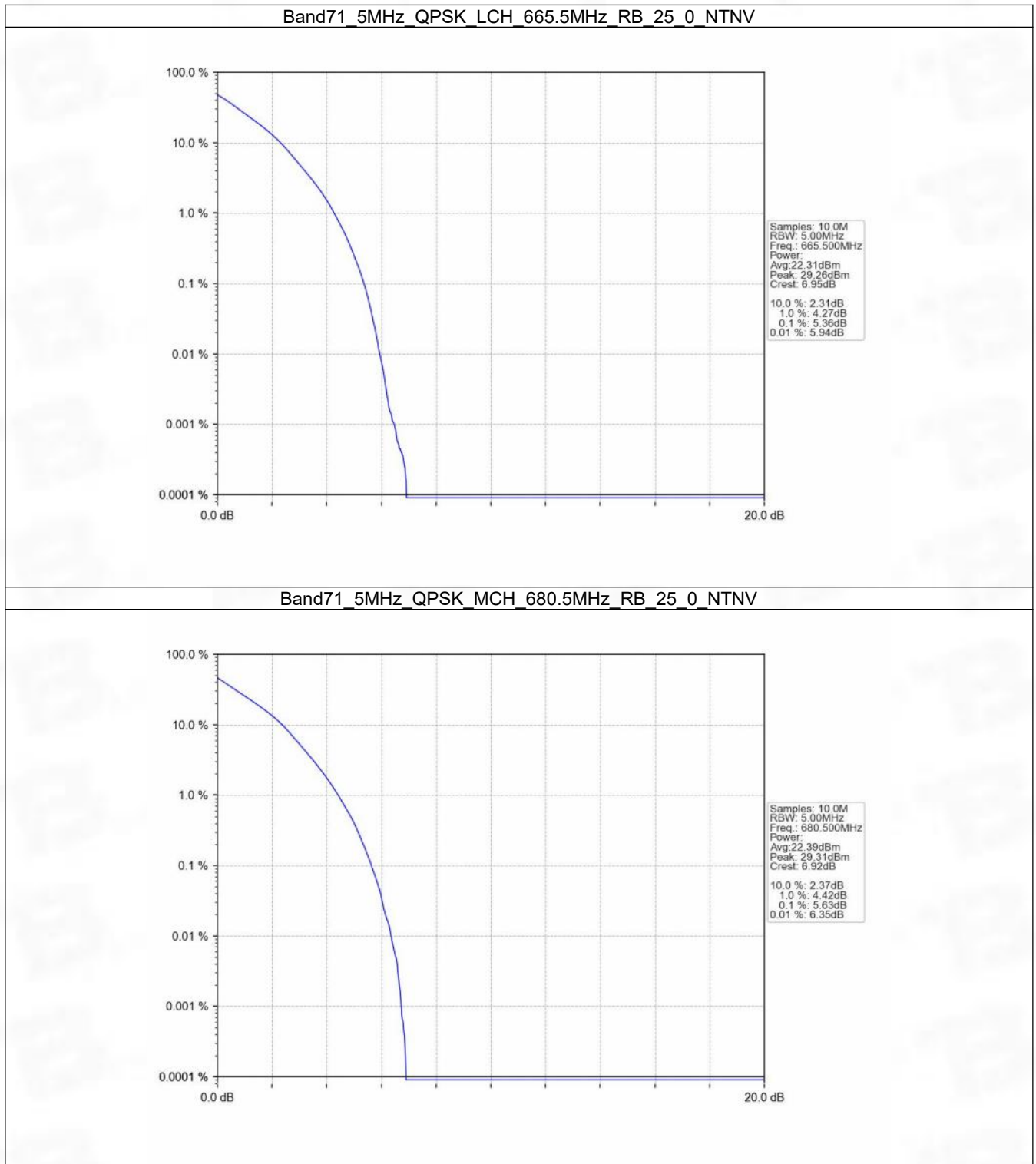
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.53	≤ 13	Pass
	683	100	0	5.76	≤ 13	Pass
	688	100	0	5.58	≤ 13	Pass
16QAM	673	100	0	6.26	≤ 13	Pass
	683	100	0	6.47	≤ 13	Pass

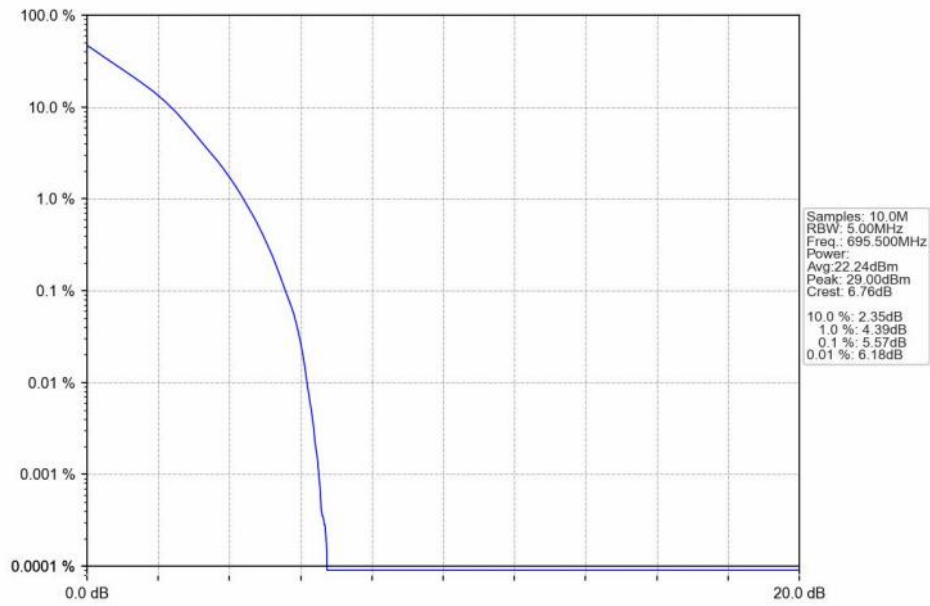
	688	100	0	6.31	<=13	Pass
--	-----	-----	---	------	------	------

5.2 Test Graph

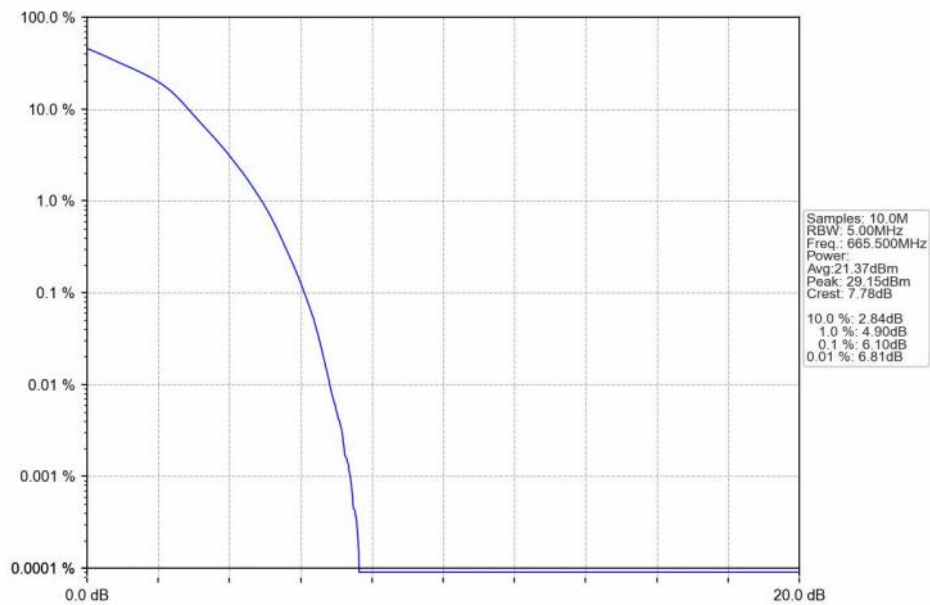
5.2.1 B71_5MHz



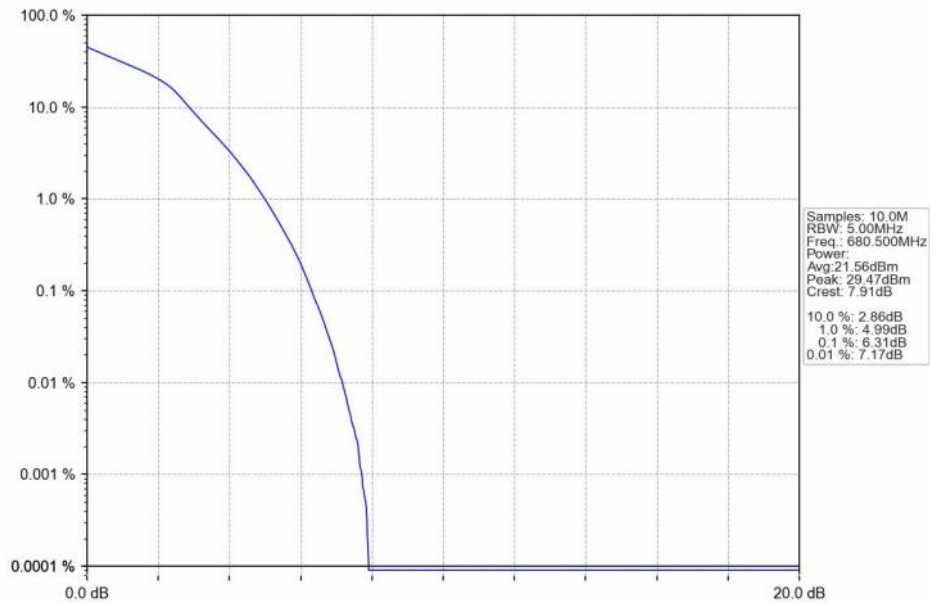
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



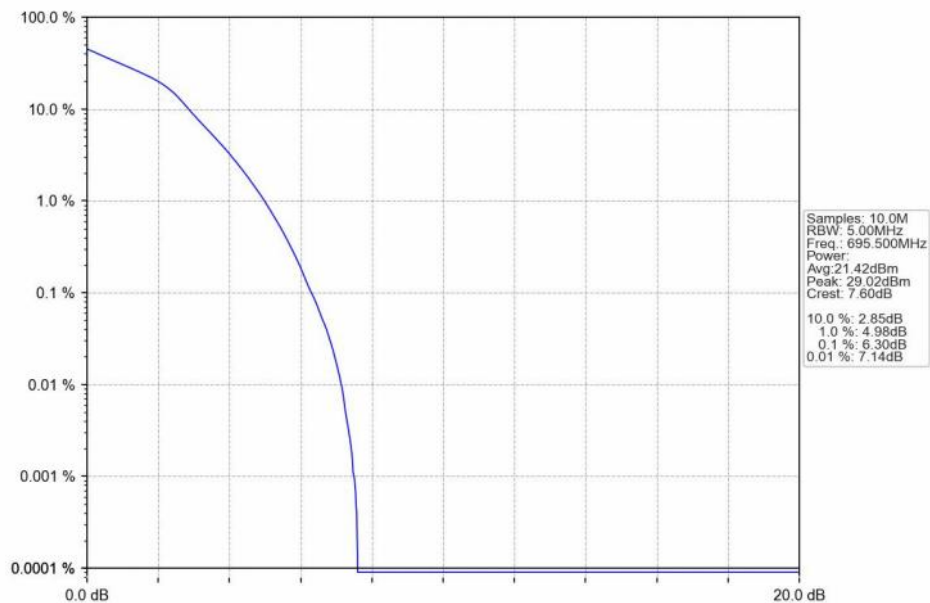
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



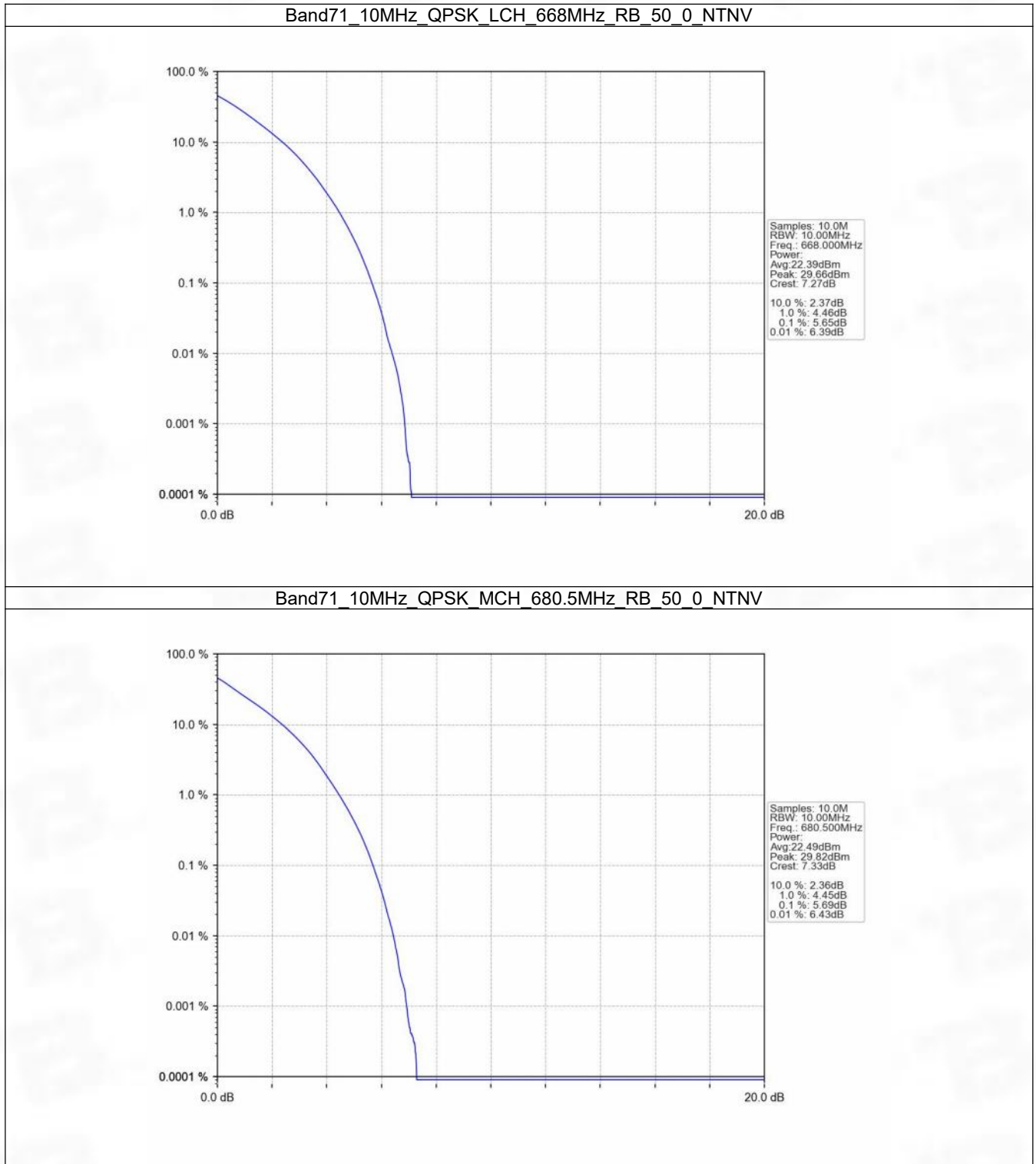
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



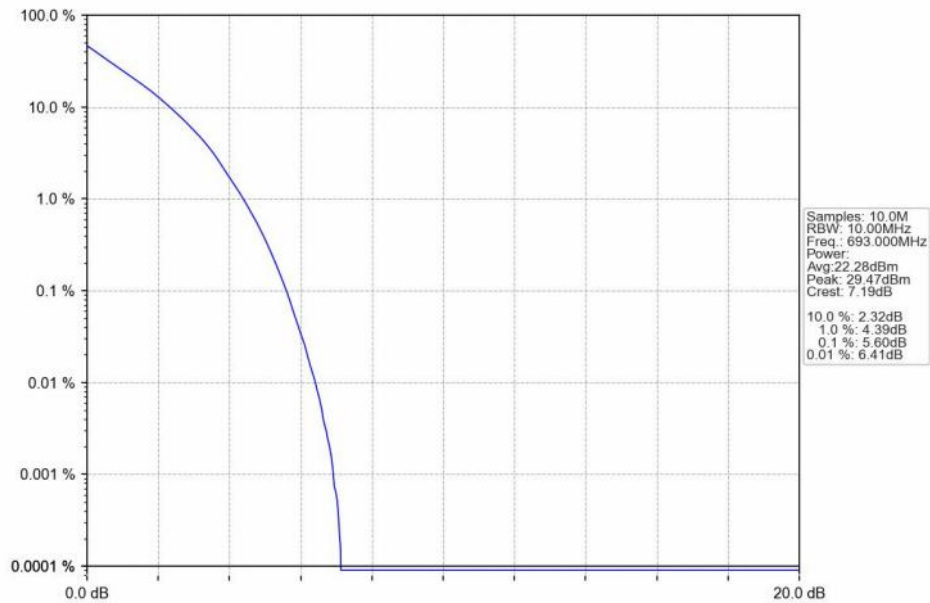
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



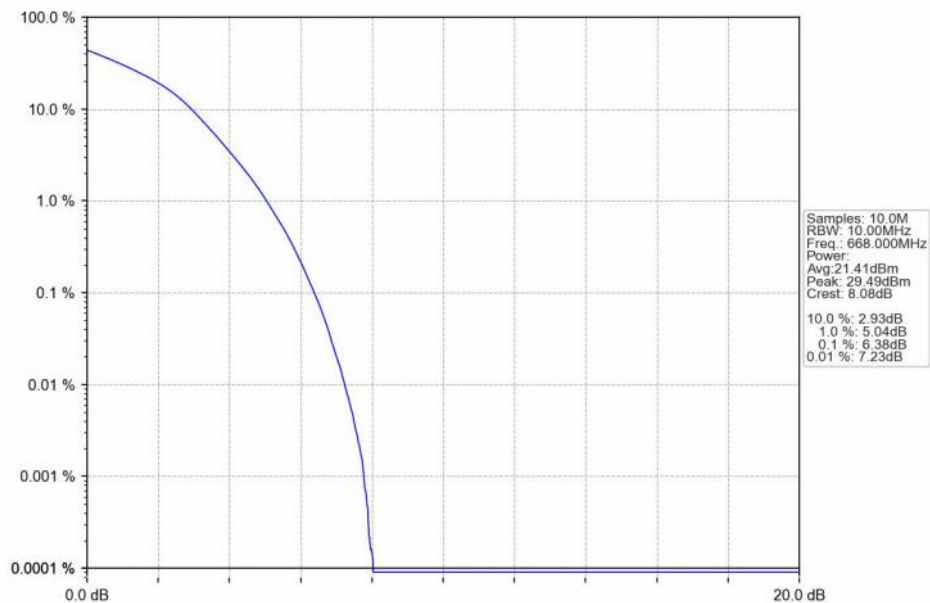
5.2.2 B71_10MHz



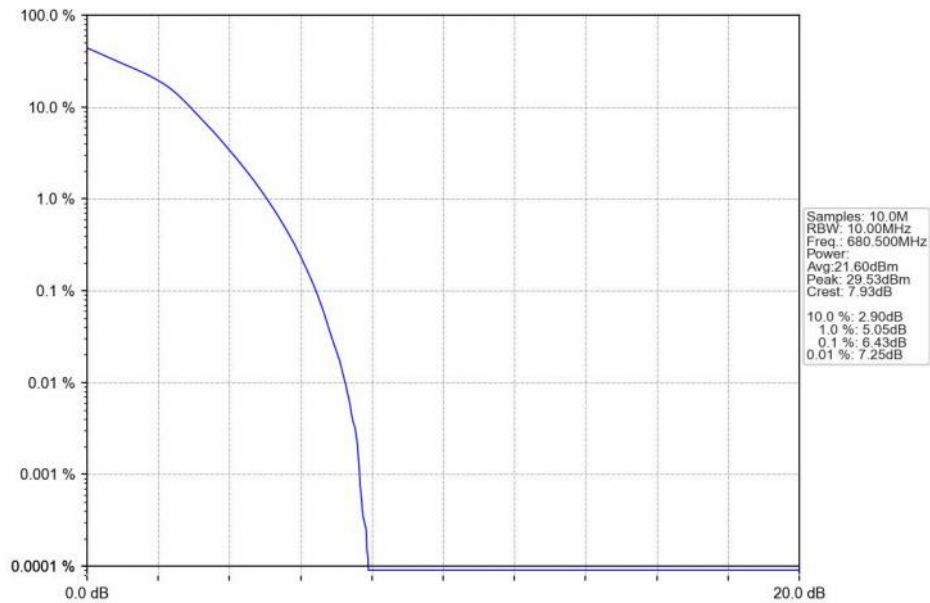
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



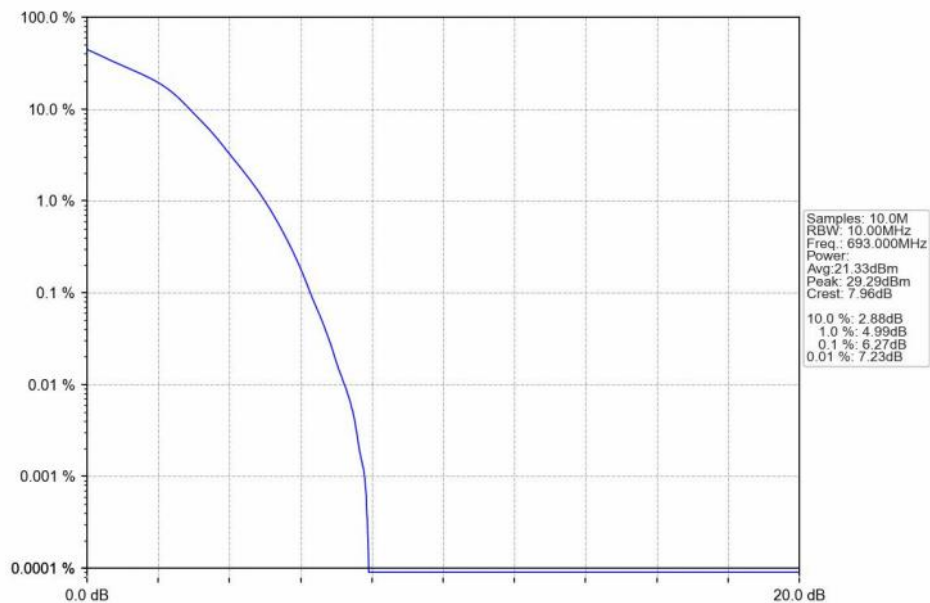
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



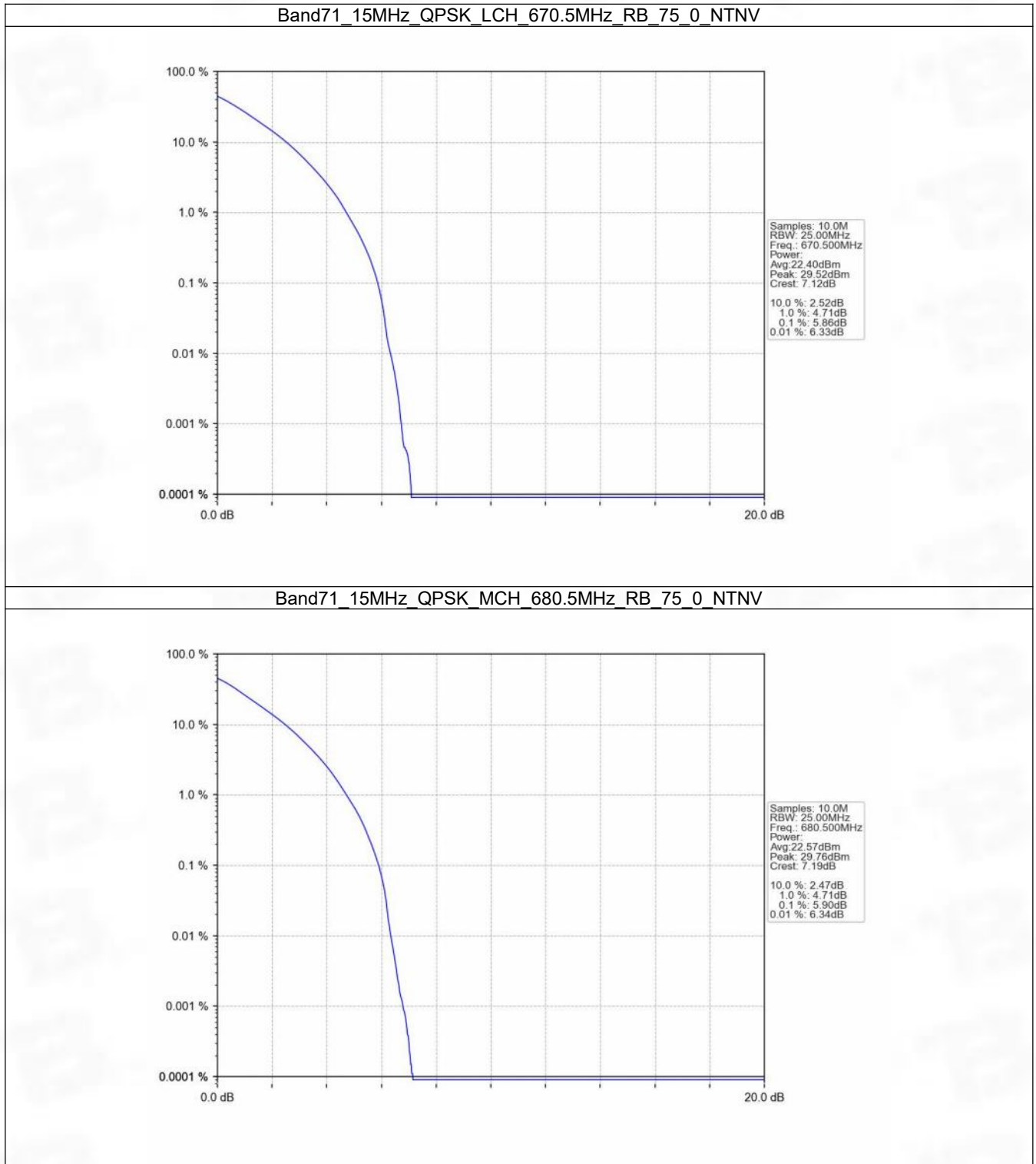
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



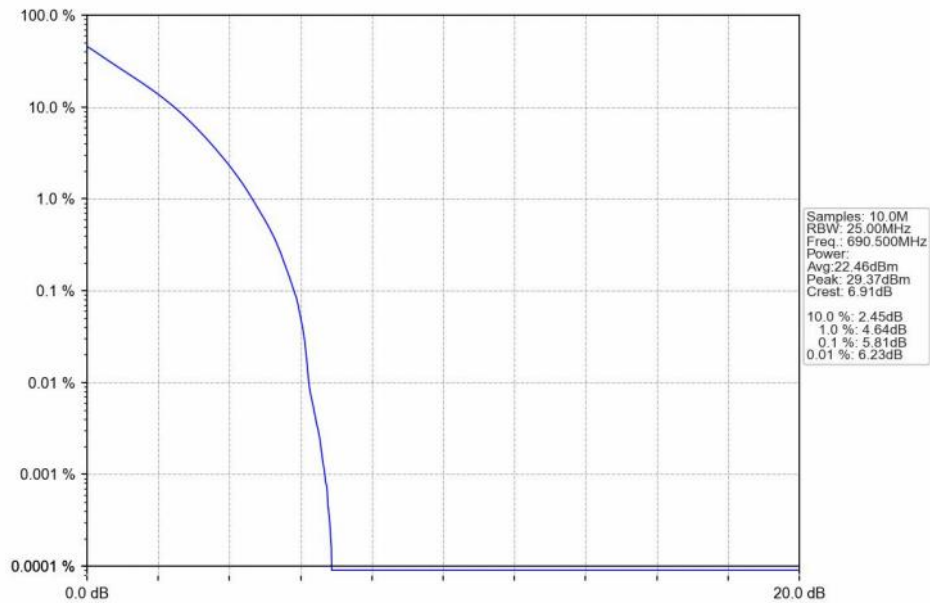
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



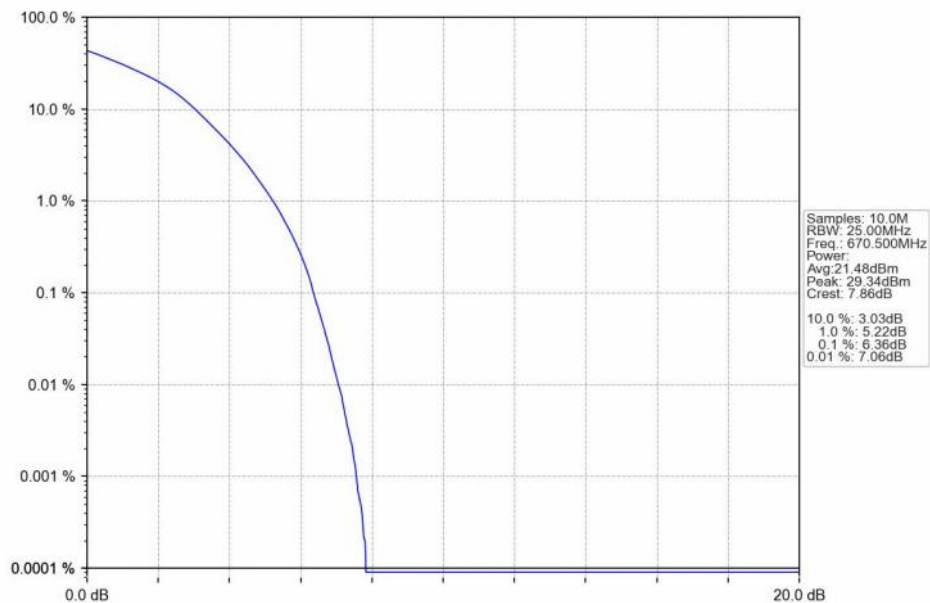
5.2.3 B71_15MHz



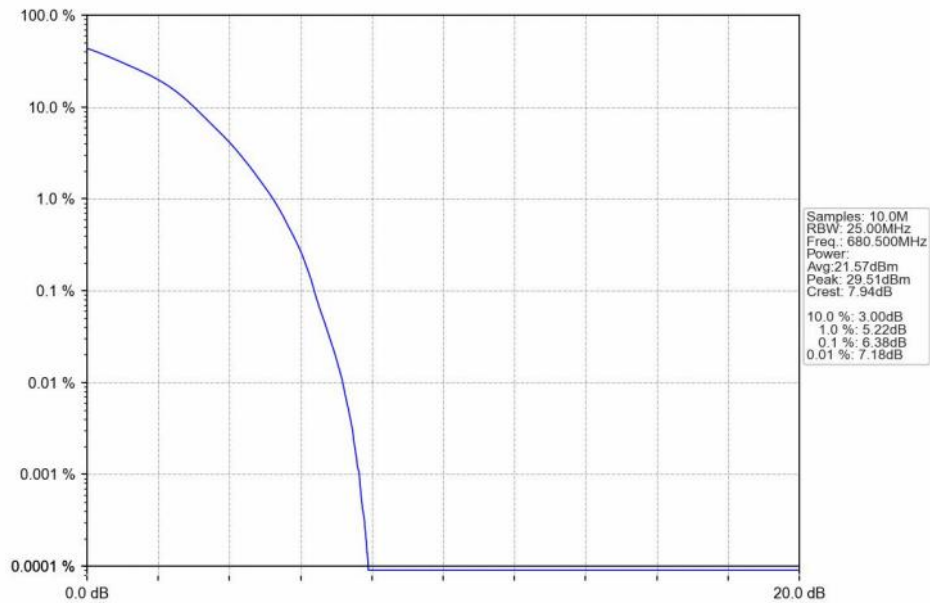
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



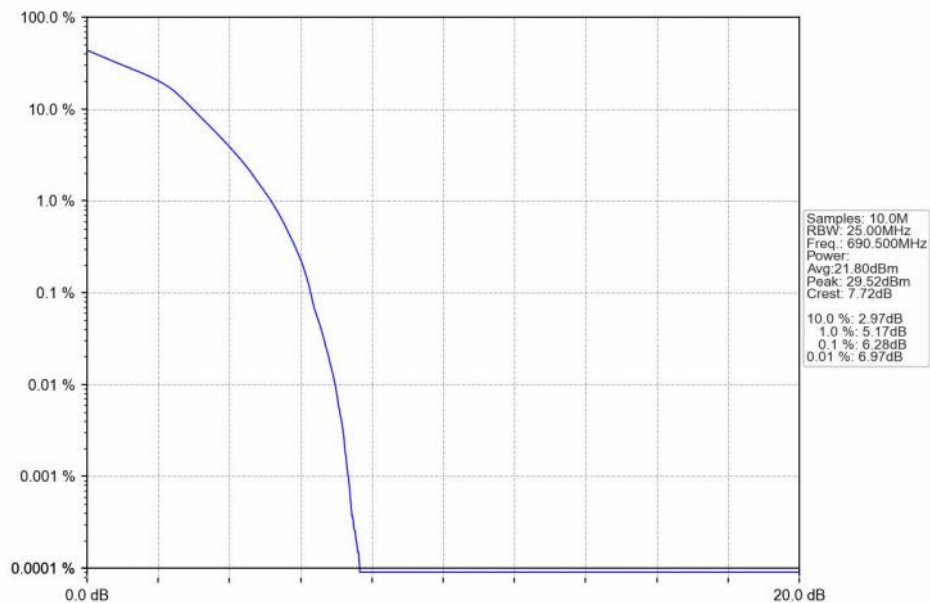
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



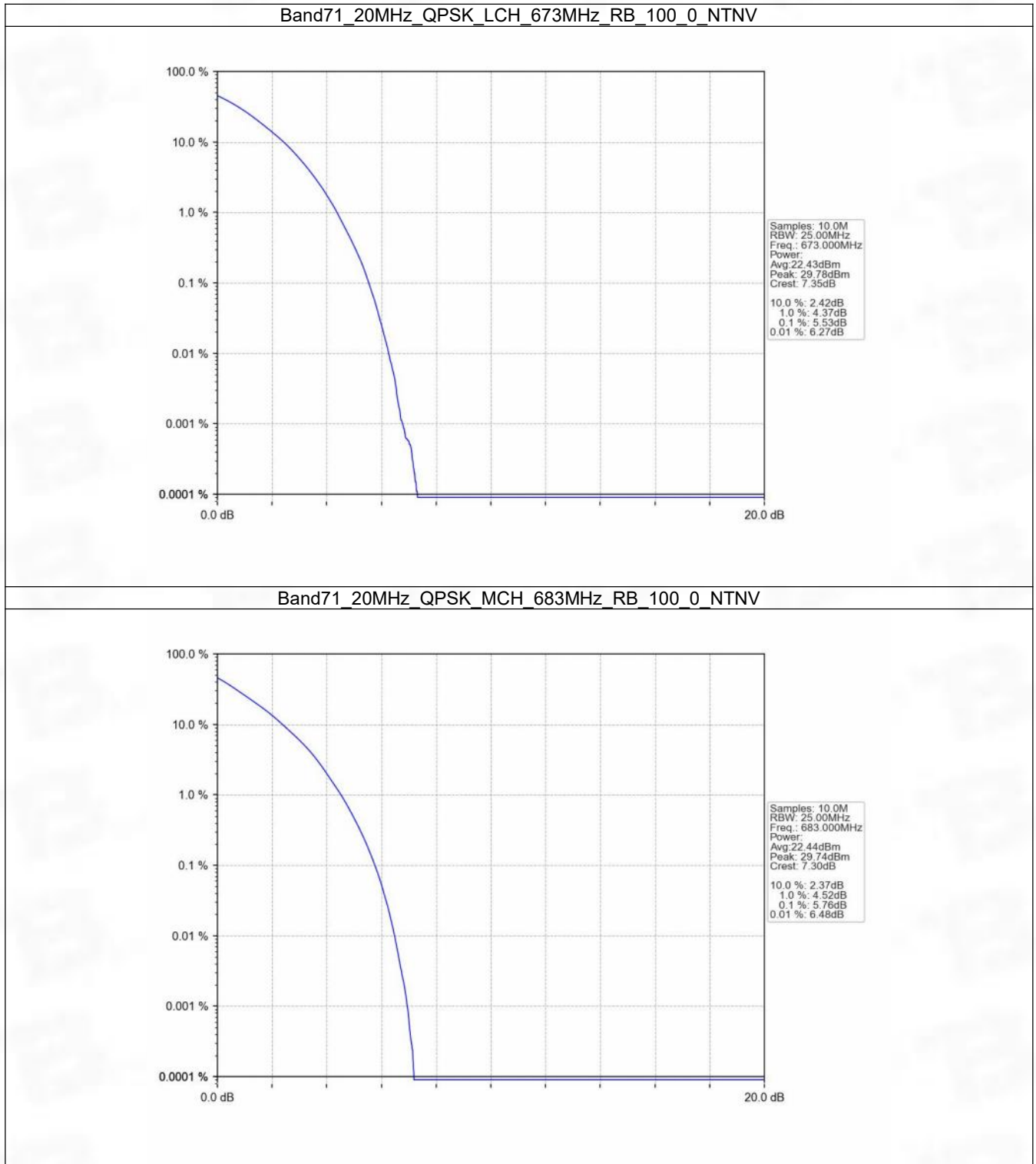
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



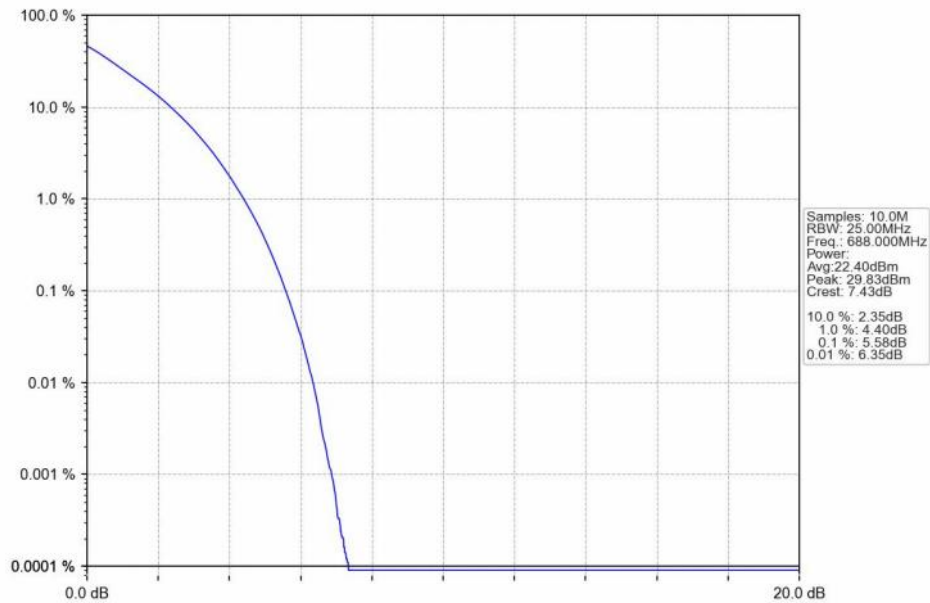
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



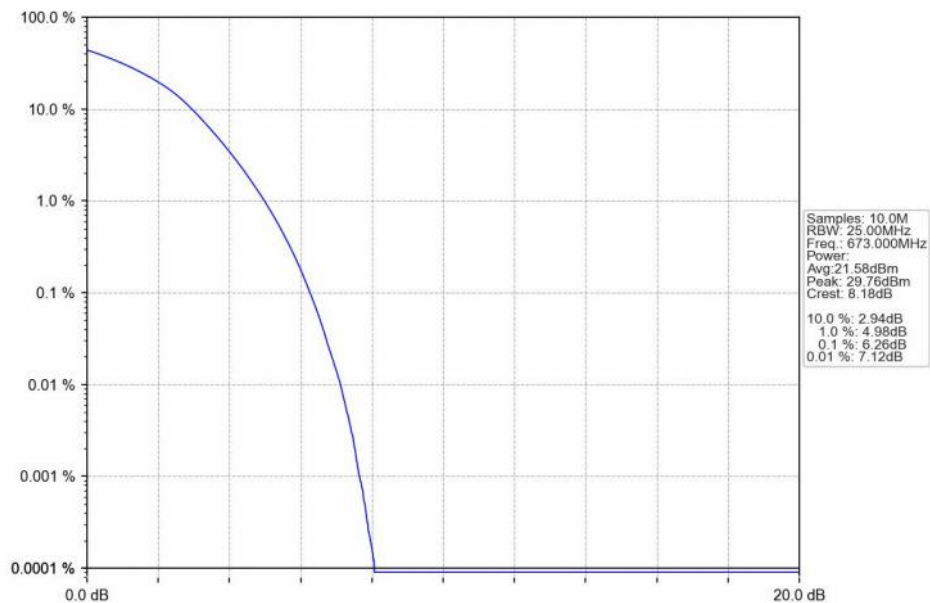
5.2.4 B71_20MHz



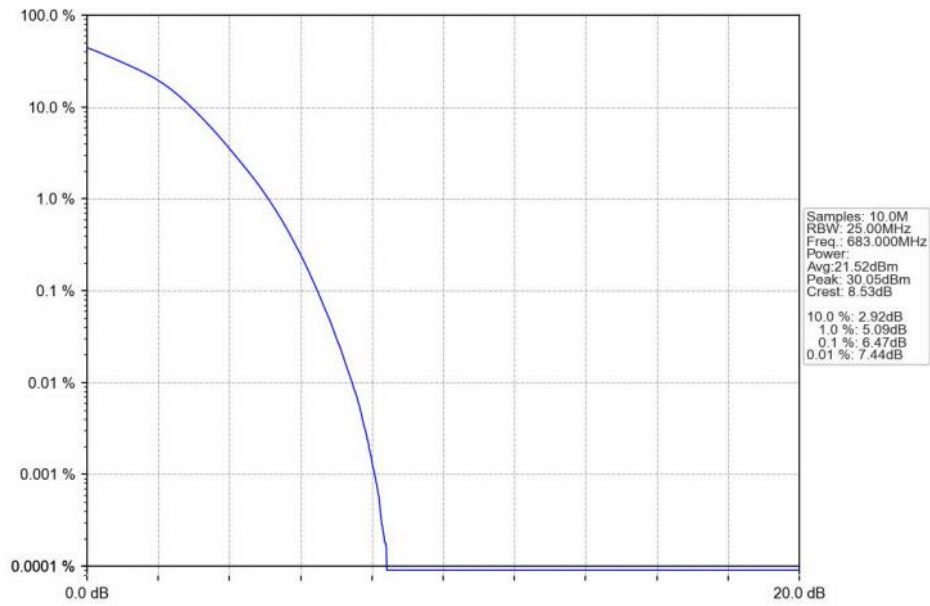
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



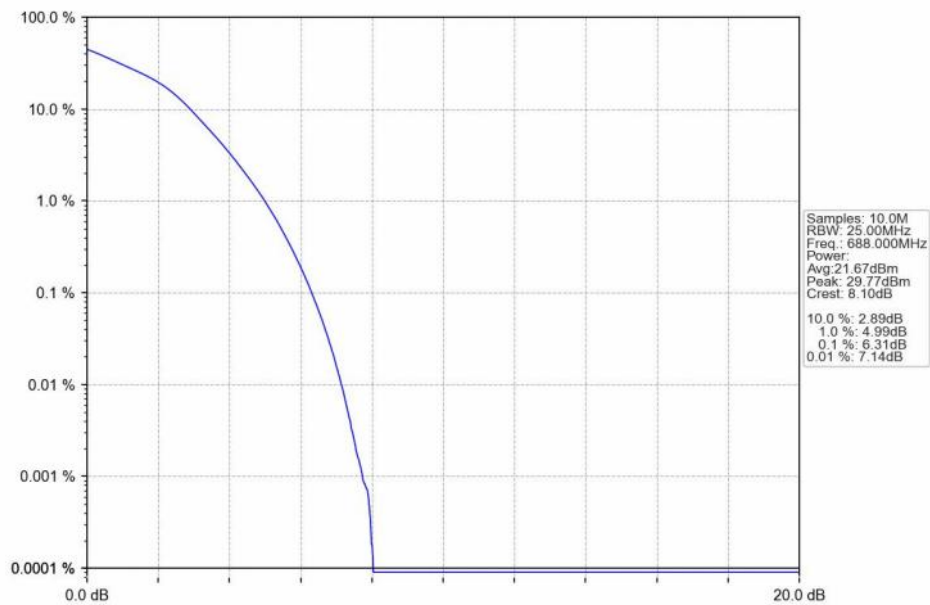
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



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 / NTN/V						
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

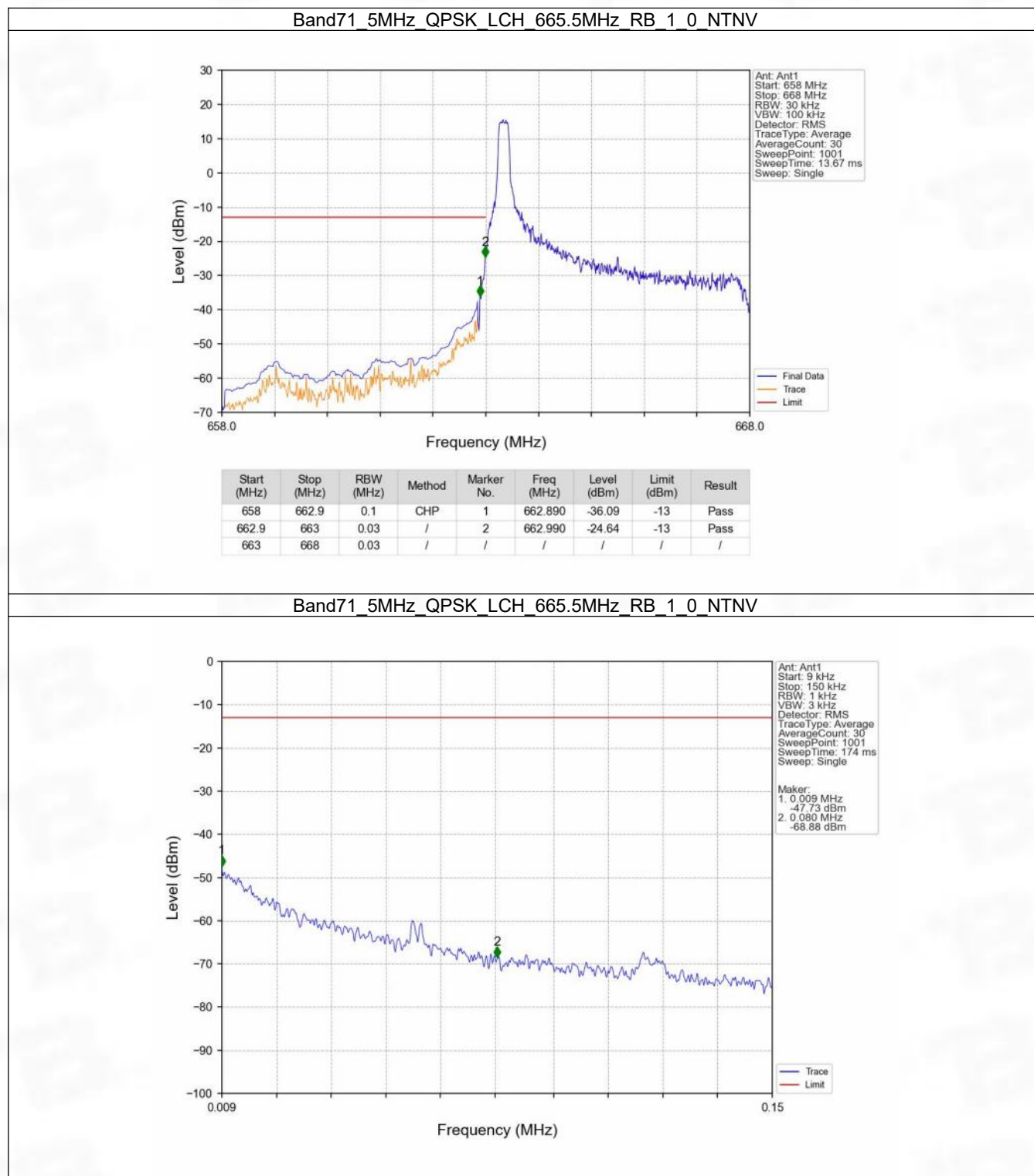
	680.5	75	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B71_20MHz

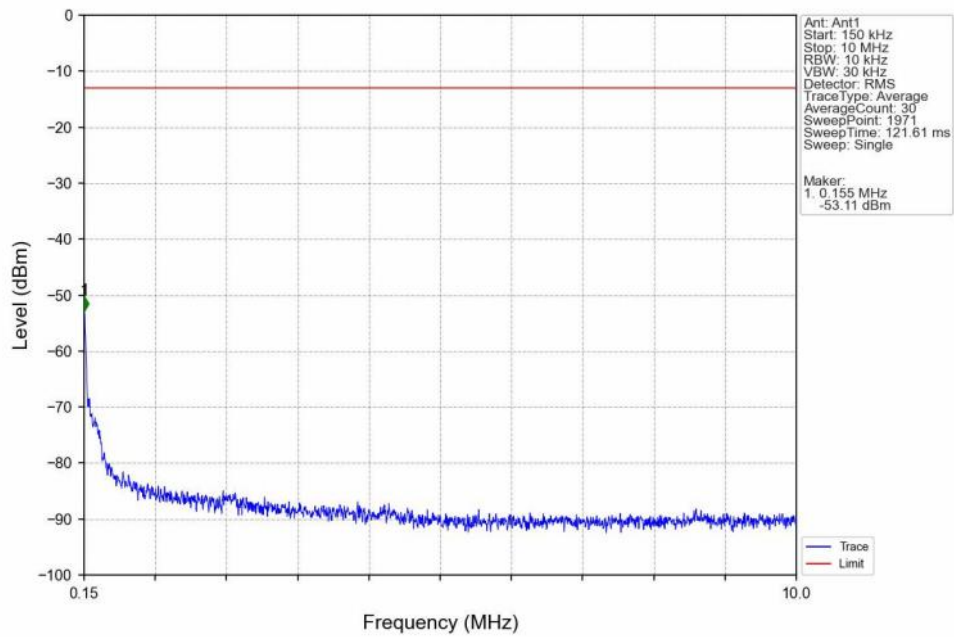
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	673	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	683	1	0	Refer To Test Graph	Pass
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100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

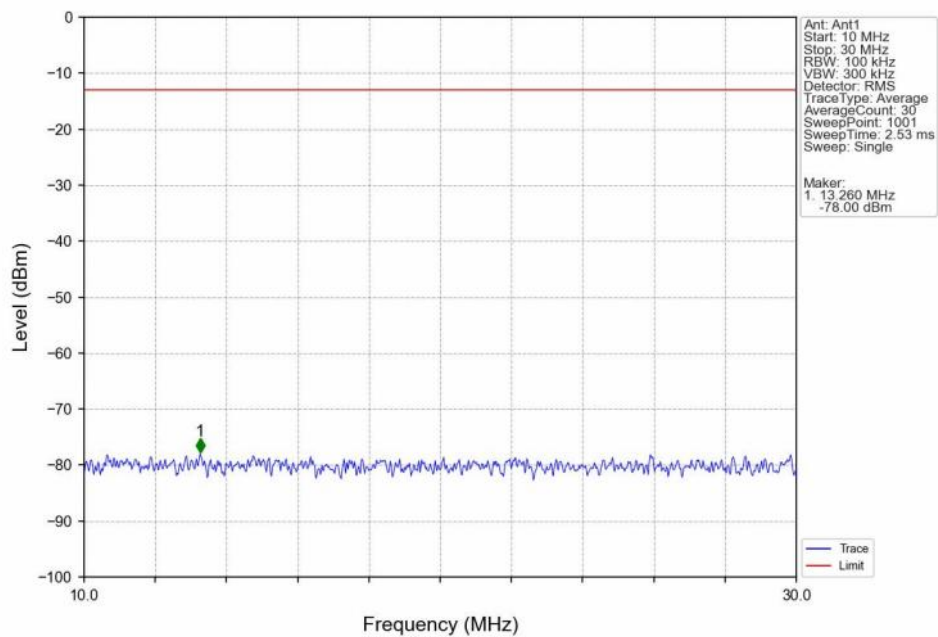
6.2.1 B71_5MHz



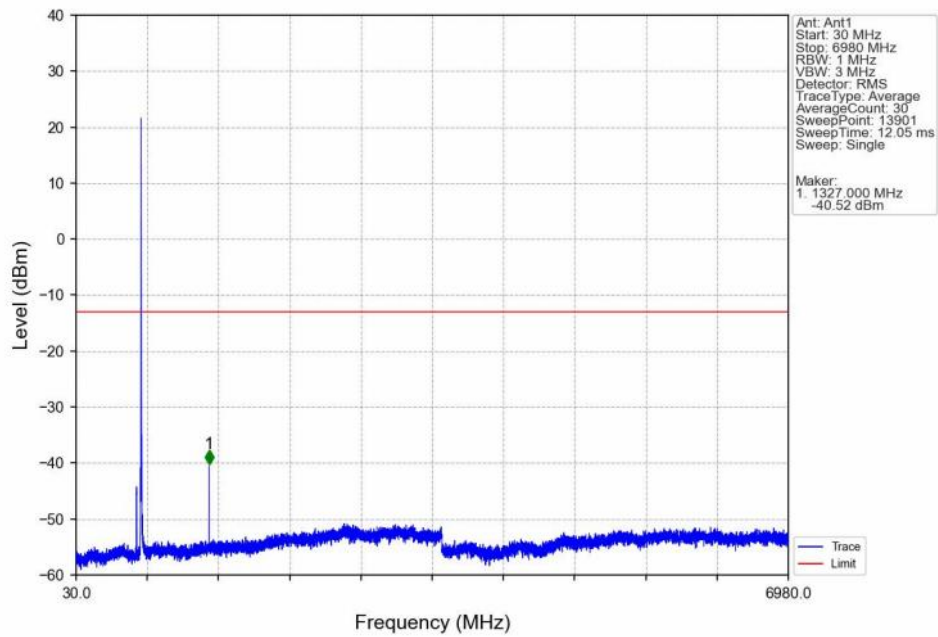
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



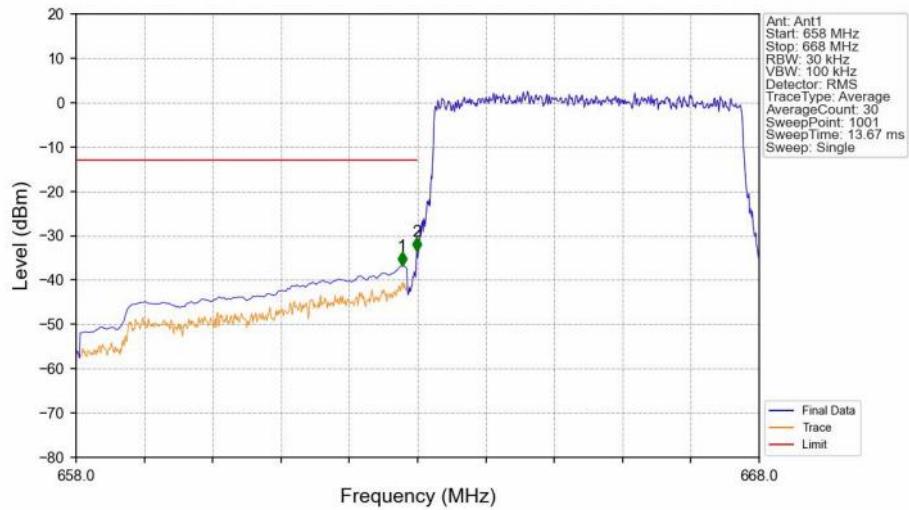
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

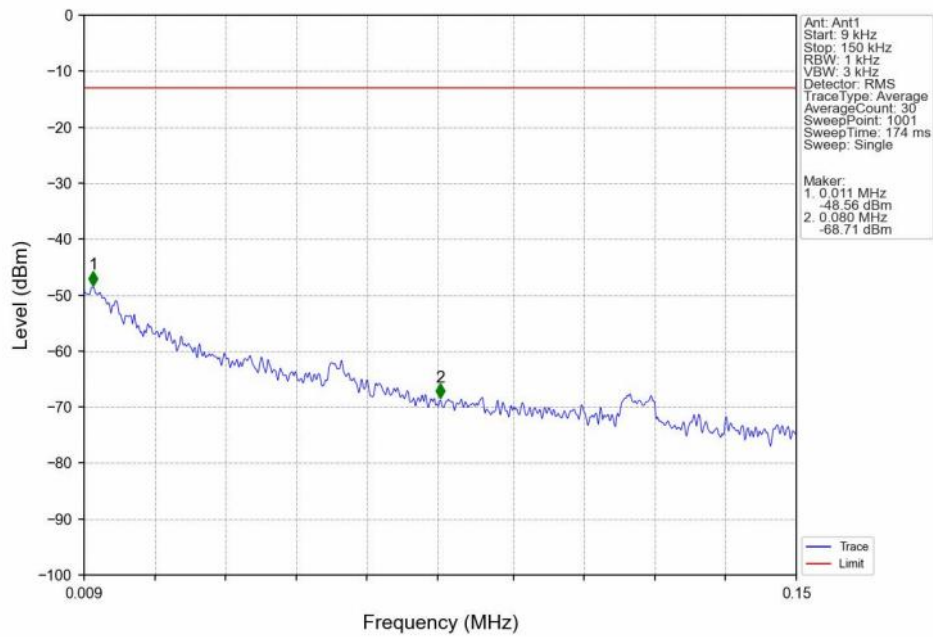


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.770	-36.75	-13	Pass
662.9	663	0.03	/	2	662.990	-33.51	-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

