

1. Effective (Isotropic) Radiated Power Output Data

1.1 B71_5MHz_ERP

1.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	22.68	0.51	21.04	<=34.77	Pass
			13	22.69	0.51	21.05	<=34.77	Pass
			24	22.60	0.51	20.96	<=34.77	Pass
		12	0	21.64	0.51	20.00	<=34.77	Pass
			6	21.77	0.51	20.13	<=34.77	Pass
			13	21.78	0.51	20.14	<=34.77	Pass
		25	0	21.64	0.51	20.00	<=34.77	Pass
	680.5	1	0	22.70	0.51	21.06	<=34.77	Pass
			13	22.74	0.51	21.10	<=34.77	Pass
			24	22.61	0.51	20.97	<=34.77	Pass
		12	0	21.69	0.51	20.05	<=34.77	Pass
			6	21.77	0.51	20.13	<=34.77	Pass
			13	21.68	0.51	20.04	<=34.77	Pass
		25	0	21.73	0.51	20.09	<=34.77	Pass
	695.5	1	0	22.70	0.51	21.06	<=34.77	Pass
			13	22.88	0.51	21.24	<=34.77	Pass
			24	22.83	0.51	21.19	<=34.77	Pass
		12	0	21.79	0.51	20.15	<=34.77	Pass
			6	21.90	0.51	20.26	<=34.77	Pass
			13	21.90	0.51	20.26	<=34.77	Pass
		25	0	21.96	0.51	20.32	<=34.77	Pass
16QAM	665.5	1	0	21.67	0.51	20.03	<=34.77	Pass
			13	21.80	0.51	20.16	<=34.77	Pass
			24	21.71	0.51	20.07	<=34.77	Pass
		12	0	20.60	0.51	18.96	<=34.77	Pass
			6	20.74	0.51	19.10	<=34.77	Pass
			13	20.70	0.51	19.06	<=34.77	Pass
		25	0	20.63	0.51	18.99	<=34.77	Pass
	680.5	1	0	21.97	0.51	20.33	<=34.77	Pass
			13	22.10	0.51	20.46	<=34.77	Pass
			24	22.02	0.51	20.38	<=34.77	Pass
		12	0	20.72	0.51	19.08	<=34.77	Pass
			6	20.86	0.51	19.22	<=34.77	Pass
			13	20.74	0.51	19.10	<=34.77	Pass
		25	0	20.88	0.51	19.24	<=34.77	Pass
	695.5	1	0	21.60	0.51	19.96	<=34.77	Pass
			13	21.80	0.51	20.16	<=34.77	Pass
			24	21.73	0.51	20.09	<=34.77	Pass
		12	0	20.86	0.51	19.22	<=34.77	Pass
6			20.96	0.51	19.32	<=34.77	Pass	
13			21.08	0.51	19.44	<=34.77	Pass	
25		0	21.16	0.51	19.52	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B71_10MHz_ERP

1.2.1 Test Result

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	23.05	0.51	21.41	<=34.77	Pass
			25	22.75	0.51	21.11	<=34.77	Pass
			49	22.70	0.51	21.06	<=34.77	Pass
		25	0	21.70	0.51	20.06	<=34.77	Pass
			13	21.85	0.51	20.21	<=34.77	Pass
			25	21.83	0.51	20.19	<=34.77	Pass
		50	0	21.71	0.51	20.07	<=34.77	Pass
	680.5	1	0	22.76	0.51	21.12	<=34.77	Pass
			25	22.92	0.51	21.28	<=34.77	Pass
			49	22.77	0.51	21.13	<=34.77	Pass
		25	0	21.74	0.51	20.10	<=34.77	Pass
			13	21.74	0.51	20.10	<=34.77	Pass
			25	21.73	0.51	20.09	<=34.77	Pass
		50	0	21.69	0.51	20.05	<=34.77	Pass
	693	1	0	22.76	0.51	21.12	<=34.77	Pass
			25	22.95	0.51	21.31	<=34.77	Pass
			49	22.93	0.51	21.29	<=34.77	Pass
		25	0	21.83	0.51	20.19	<=34.77	Pass
			13	21.92	0.51	20.28	<=34.77	Pass
			25	21.84	0.51	20.20	<=34.77	Pass
		50	0	21.85	0.51	20.21	<=34.77	Pass
16QAM	668	1	0	21.69	0.51	20.05	<=34.77	Pass
			25	21.76	0.51	20.12	<=34.77	Pass
			49	21.74	0.51	20.10	<=34.77	Pass
		25	0	20.74	0.51	19.10	<=34.77	Pass
			13	20.83	0.51	19.19	<=34.77	Pass
			25	20.81	0.51	19.17	<=34.77	Pass
		50	0	20.68	0.51	19.04	<=34.77	Pass
	680.5	1	0	21.63	0.51	19.99	<=34.77	Pass
			25	21.71	0.51	20.07	<=34.77	Pass
			49	21.64	0.51	20.00	<=34.77	Pass
		25	0	20.81	0.51	19.17	<=34.77	Pass
			13	20.84	0.51	19.20	<=34.77	Pass
			25	20.83	0.51	19.19	<=34.77	Pass
		50	0	20.86	0.51	19.22	<=34.77	Pass
	693	1	0	22.05	0.51	20.41	<=34.77	Pass
			25	22.19	0.51	20.55	<=34.77	Pass
			49	22.27	0.51	20.63	<=34.77	Pass
		25	0	20.83	0.51	19.19	<=34.77	Pass
			13	20.87	0.51	19.23	<=34.77	Pass
			25	20.98	0.51	19.34	<=34.77	Pass
		50	0	20.98	0.51	19.34	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B71_15MHz_ERP

1.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	22.90	0.51	21.26	<=34.77	Pass
			38	22.73	0.51	21.09	<=34.77	Pass
			74	22.67	0.51	21.03	<=34.77	Pass
		36	0	21.84	0.51	20.20	<=34.77	Pass
			18	21.85	0.51	20.21	<=34.77	Pass
			39	21.87	0.51	20.23	<=34.77	Pass
		75	0	21.87	0.51	20.23	<=34.77	Pass
	680.5	1	0	22.87	0.51	21.23	<=34.77	Pass
			38	23.36	0.51	21.72	<=34.77	Pass
			74	23.23	0.51	21.59	<=34.77	Pass
		36	0	22.29	0.51	20.65	<=34.77	Pass
			18	22.35	0.51	20.71	<=34.77	Pass
			39	22.28	0.51	20.64	<=34.77	Pass
		75	0	22.29	0.51	20.65	<=34.77	Pass
	690.5	1	0	23.19	0.51	21.55	<=34.77	Pass
			38	23.32	0.51	21.68	<=34.77	Pass
			74	23.36	0.51	21.72	<=34.77	Pass
		36	0	22.34	0.51	20.70	<=34.77	Pass
			18	22.38	0.51	20.74	<=34.77	Pass
			39	22.42	0.51	20.78	<=34.77	Pass
		75	0	22.41	0.51	20.77	<=34.77	Pass
16QAM	670.5	1	0	21.57	0.51	19.93	<=34.77	Pass
			38	21.75	0.51	20.11	<=34.77	Pass
			74	22.12	0.51	20.48	<=34.77	Pass
		36	0	20.73	0.51	19.09	<=34.77	Pass
			18	20.70	0.51	19.06	<=34.77	Pass
			39	20.85	0.51	19.21	<=34.77	Pass
		75	0	20.87	0.51	19.23	<=34.77	Pass
	680.5	1	0	22.18	0.51	20.54	<=34.77	Pass
			38	22.23	0.51	20.59	<=34.77	Pass
			74	22.13	0.51	20.49	<=34.77	Pass
		36	0	21.25	0.51	19.61	<=34.77	Pass
			18	21.35	0.51	19.71	<=34.77	Pass
	39	21.26	0.51	19.62	<=34.77	Pass		
	75	0	21.25	0.51	19.61	<=34.77	Pass	
	690.5	1	0	22.10	0.51	20.46	<=34.77	Pass
			38	22.29	0.51	20.65	<=34.77	Pass
			74	22.33	0.51	20.69	<=34.77	Pass
		36	0	21.33	0.51	19.69	<=34.77	Pass
18			21.33	0.51	19.69	<=34.77	Pass	
39		21.40	0.51	19.76	<=34.77	Pass		
75	0	21.42	0.51	19.78	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.4 B71_20MHz_ERP

1.4.1 Test Result

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	23.02	0.51	21.38	<=34.77	Pass
			50	23.36	0.51	21.72	<=34.77	Pass
			99	23.02	0.51	21.38	<=34.77	Pass
		50	0	22.34	0.51	20.70	<=34.77	Pass
			25	22.32	0.51	20.68	<=34.77	Pass
			50	22.35	0.51	20.71	<=34.77	Pass
		100	0	22.31	0.51	20.67	<=34.77	Pass
	683	1	0	23.05	0.51	21.41	<=34.77	Pass
			50	23.33	0.51	21.69	<=34.77	Pass
			99	23.11	0.51	21.47	<=34.77	Pass
		50	0	22.23	0.51	20.59	<=34.77	Pass
			25	22.28	0.51	20.64	<=34.77	Pass
			50	22.25	0.51	20.61	<=34.77	Pass
		100	0	22.23	0.51	20.59	<=34.77	Pass
	688	1	0	22.98	0.51	21.34	<=34.77	Pass
			50	23.36	0.51	21.72	<=34.77	Pass
			99	23.14	0.51	21.50	<=34.77	Pass
		50	0	22.34	0.51	20.70	<=34.77	Pass
			25	22.29	0.51	20.65	<=34.77	Pass
			50	22.28	0.51	20.64	<=34.77	Pass
		100	0	22.32	0.51	20.68	<=34.77	Pass
16QAM	673	1	0	22.41	0.51	20.77	<=34.77	Pass
			50	22.73	0.51	21.09	<=34.77	Pass
			99	22.44	0.51	20.80	<=34.77	Pass
		50	0	21.40	0.51	19.76	<=34.77	Pass
			25	21.33	0.51	19.69	<=34.77	Pass
			50	21.39	0.51	19.75	<=34.77	Pass
		100	0	21.35	0.51	19.71	<=34.77	Pass
	683	1	0	21.90	0.51	20.26	<=34.77	Pass
			50	22.19	0.51	20.55	<=34.77	Pass
			99	21.95	0.51	20.31	<=34.77	Pass
		50	0	21.24	0.51	19.60	<=34.77	Pass
			25	21.30	0.51	19.66	<=34.77	Pass
			50	21.28	0.51	19.64	<=34.77	Pass
		100	0	21.27	0.51	19.63	<=34.77	Pass
	688	1	0	22.00	0.51	20.36	<=34.77	Pass
			50	22.31	0.51	20.67	<=34.77	Pass
			99	22.16	0.51	20.52	<=34.77	Pass
		50	0	21.35	0.51	19.71	<=34.77	Pass
			25	21.30	0.51	19.66	<=34.77	Pass
			50	21.28	0.51	19.64	<=34.77	Pass
		100	0	21.36	0.51	19.72	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B71_5MHz

2.1.1 Test Result

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	-6.394	-0.0096	-2.5 to 2.5	Pass
					3.85	-6.638	-0.0100	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-4.148	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-11.487	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-5.651	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-3.147	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0070	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-3.777	-0.0056	-2.5 to 2.5	Pass
					3.85	-8.054	-0.0118	-2.5 to 2.5	Pass
					4.43	-8.583	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-6.709	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-5.693	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-6.022	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-1.516	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.277	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-9.713	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-13.404	-0.0197	-2.5 to 2.5	Pass
				50	3.85	-5.922	-0.0087	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-3.819	-0.0055	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0080	-2.5 to 2.5	Pass
					4.43	-5.937	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-6.895	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-9.556	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-6.924	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-3.490	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-9.742	-0.0140	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-4.506	-0.0068	-2.5 to 2.5	Pass
					3.85	-6.852	-0.0103	-2.5 to 2.5	Pass
					4.43	-8.740	-0.0131	-2.5 to 2.5	Pass
				-30	3.85	-7.367	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-13.247	-0.0199	-2.5 to 2.5	Pass
				-10	3.85	-9.999	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-6.495	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-9.470	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-10.271	-0.0154	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-6.037	-0.0091	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-6.695	-0.0098	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0052	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-6.952	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-12.174	-0.0179	-2.5 to 2.5	Pass
				0	3.85	-8.197	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-9.341	-0.0137	-2.5 to 2.5	Pass

	695.5	25	0	30	3.85	-7.925	-0.0116	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0056	-2.5 to 2.5	Pass
				20	3.27	-11.115	-0.0160	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0031	-2.5 to 2.5	Pass
					4.43	-8.755	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-10.543	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-7.195	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0058	-2.5 to 2.5	Pass
				0	3.85	-7.110	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-9.398	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-4.578	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.537	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-10.471	-0.0151	-2.5 to 2.5	Pass

2.2 B71_10MHz

2.2.1 Test Result

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	-5.236	-0.0078	-2.5 to 2.5	Pass
					3.85	-7.739	-0.0116	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-3.920	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-9.685	-0.0145	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-8.497	-0.0127	-2.5 to 2.5	Pass
				30	3.85	-4.349	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-4.478	-0.0067	-2.5 to 2.5	Pass
	680.5	50	0	50	3.85	-5.436	-0.0081	-2.5 to 2.5	Pass
				20	3.27	-6.208	-0.0091	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0079	-2.5 to 2.5	Pass
					4.43	-8.240	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-7.410	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-5.422	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-4.406	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-8.769	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-5.651	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0120	-2.5 to 2.5	Pass
	693	50	0	40	3.85	-5.450	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-6.881	-0.0101	-2.5 to 2.5	Pass
				20	3.27	-6.237	-0.0090	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0113	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-7.038	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-4.950	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-1.860	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-5.322	-0.0077	-2.5 to 2.5	Pass

				30	3.85	-10.571	-0.0153	-2.5 to 2.5	Pass
				40	3.85	-8.984	-0.0130	-2.5 to 2.5	Pass
				50	3.85	-8.898	-0.0128	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-5.479	-0.0082	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0091	-2.5 to 2.5	Pass
					4.43	-8.597	-0.0129	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-4.992	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-5.679	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-9.012	-0.0135	-2.5 to 2.5	Pass
				40	3.85	-5.808	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-8.211	-0.0123	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-7.095	-0.0104	-2.5 to 2.5	Pass
					3.85	-2.890	-0.0042	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-7.153	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-8.197	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-7.796	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-2.933	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-4.821	-0.0071	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-7.510	-0.0108	-2.5 to 2.5	Pass
					3.85	-7.882	-0.0114	-2.5 to 2.5	Pass
					4.43	-7.882	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-7.467	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-5.107	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-5.851	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-10.743	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-7.668	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-9.899	-0.0143	-2.5 to 2.5	Pass

2.3 B71_15MHz

2.3.1 Test Result

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	-9.599	-0.0143	-2.5 to 2.5	Pass
					3.85	-8.154	-0.0122	-2.5 to 2.5	Pass
					4.43	-9.499	-0.0142	-2.5 to 2.5	Pass
				-30	3.85	-7.052	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-8.769	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-8.512	-0.0127	-2.5 to 2.5	Pass
				0	3.85	-7.567	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-7.811	-0.0116	-2.5 to 2.5	Pass

				30	3.85	-10.400	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-7.610	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-6.123	-0.0091	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-5.336	-0.0078	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.077	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-6.309	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-7.052	-0.0104	-2.5 to 2.5	Pass
				10	3.85	-7.210	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-6.108	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0085	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-5.922	-0.0086	-2.5 to 2.5	Pass
					3.85	-8.497	-0.0123	-2.5 to 2.5	Pass
					4.43	-7.138	-0.0103	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-5.722	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-5.522	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0046	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-6.394	-0.0095	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0077	-2.5 to 2.5	Pass
					4.43	-8.569	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-7.467	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-9.899	-0.0148	-2.5 to 2.5	Pass
				50	3.85	-8.941	-0.0133	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-5.608	-0.0082	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0085	-2.5 to 2.5	Pass
					4.43	-5.894	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-5.622	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-7.653	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-6.623	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-6.208	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-6.738	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-6.008	-0.0088	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-4.435	-0.0064	-2.5 to 2.5	Pass
					3.85	-3.362	-0.0049	-2.5 to 2.5	Pass
					4.43	-3.576	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-4.334	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-5.894	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-6.666	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-10.085	-0.0146	-2.5 to 2.5	Pass
				10	3.85	-7.954	-0.0115	-2.5 to 2.5	Pass

				30	3.85	-9.041	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-10.943	-0.0158	-2.5 to 2.5	Pass
				50	3.85	-8.225	-0.0119	-2.5 to 2.5	Pass

2.4 B71_20MHz

2.4.1 Test Result

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	-8.168	-0.0121	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0107	-2.5 to 2.5	Pass
					4.43	-6.409	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-7.095	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-6.409	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-6.866	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-7.253	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-9.785	-0.0145	-2.5 to 2.5	Pass
				40	3.85	-9.027	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-7.310	-0.0109	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-5.436	-0.0080	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0064	-2.5 to 2.5	Pass
					4.43	-2.217	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-8.841	-0.0129	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-3.977	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-6.566	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-5.522	-0.0081	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-1.616	-0.0023	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0079	-2.5 to 2.5	Pass
					4.43	-8.926	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-8.368	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-7.682	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-10.300	-0.0150	-2.5 to 2.5	Pass
				10	3.85	-5.937	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-7.267	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-9.327	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0062	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-4.478	-0.0067	-2.5 to 2.5	Pass
					3.85	-2.503	-0.0037	-2.5 to 2.5	Pass
					4.43	-3.161	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-5.651	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-6.452	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0048	-2.5 to 2.5	Pass

	683	100	0	30	3.85	-7.982	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-4.878	-0.0072	-2.5 to 2.5	Pass
				20	3.27	-4.935	-0.0072	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0063	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-8.025	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-8.283	-0.0121	-2.5 to 2.5	Pass
				50	3.85	-6.452	-0.0094	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-8.698	-0.0126	-2.5 to 2.5	Pass
					3.85	-8.254	-0.0120	-2.5 to 2.5	Pass
					4.43	-9.871	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-8.240	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-7.625	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0138	-2.5 to 2.5	Pass
				10	3.85	-9.112	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0122	-2.5 to 2.5	Pass

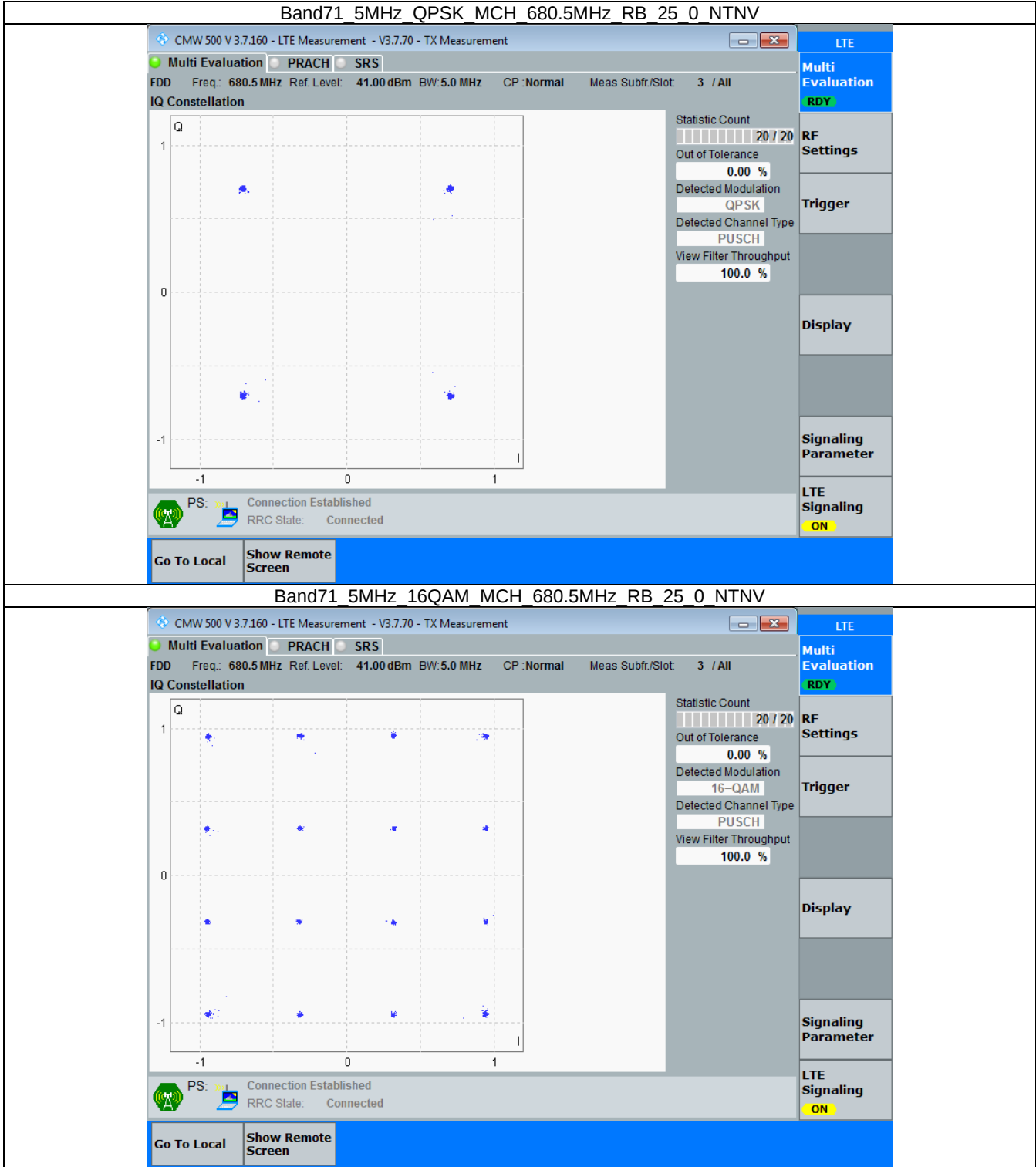
3. Modulation Characteristics

3.1 B71_5MHz

3.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTN						
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 Test Graph

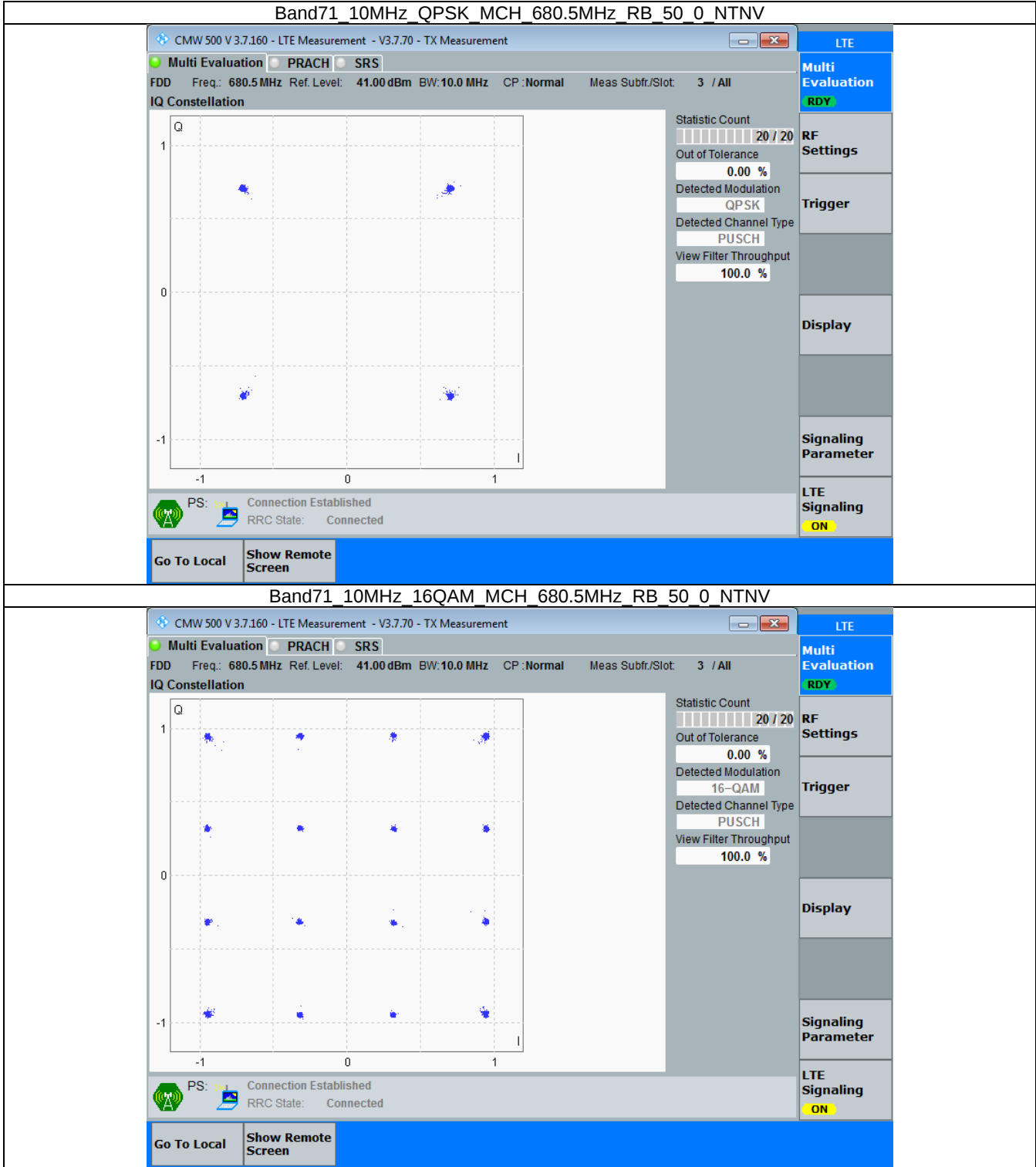


3.2 B71_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph

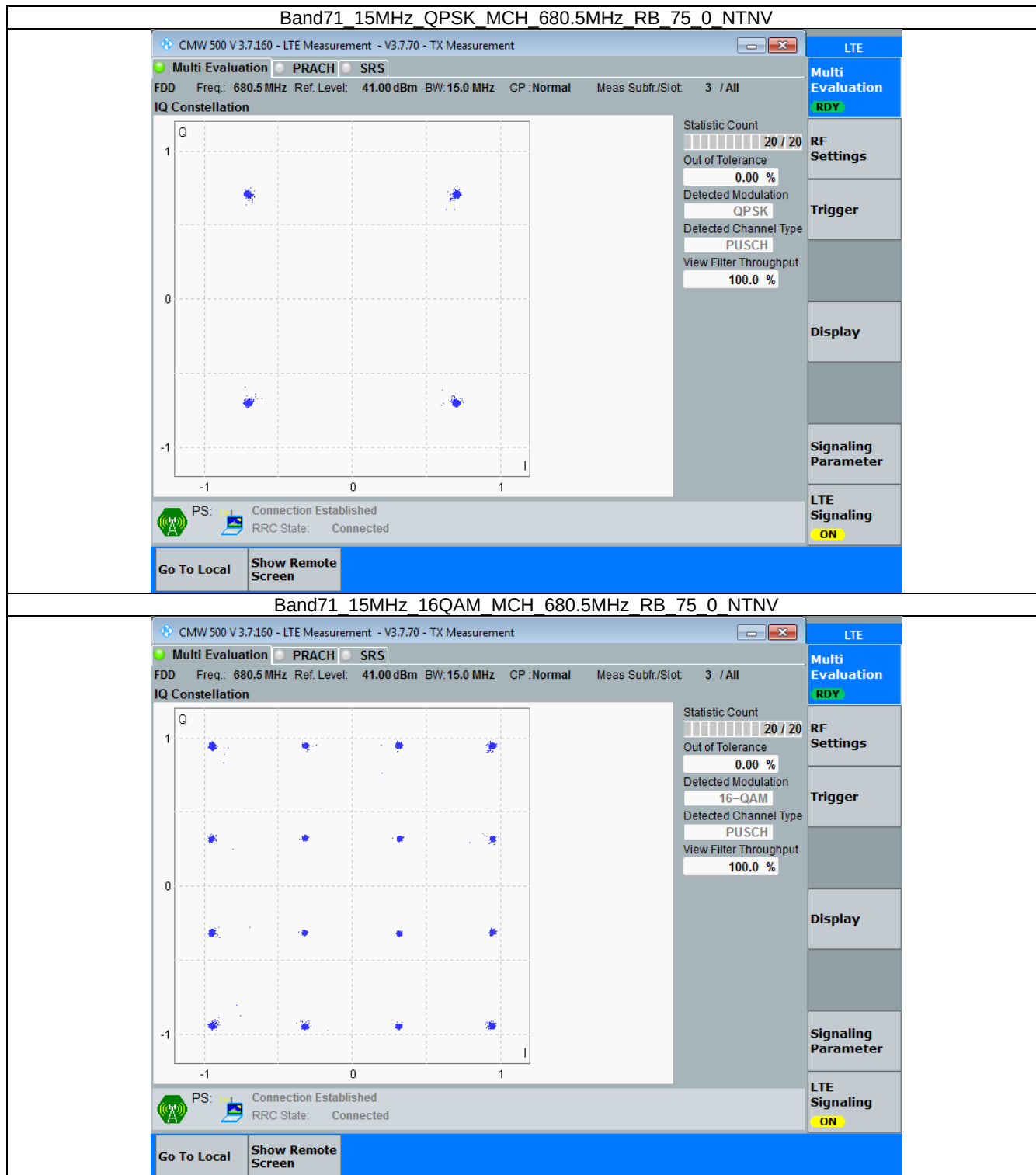


3.3 B71_15MHz

3.3.1 Test Result

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

3.3.2 Test Graph

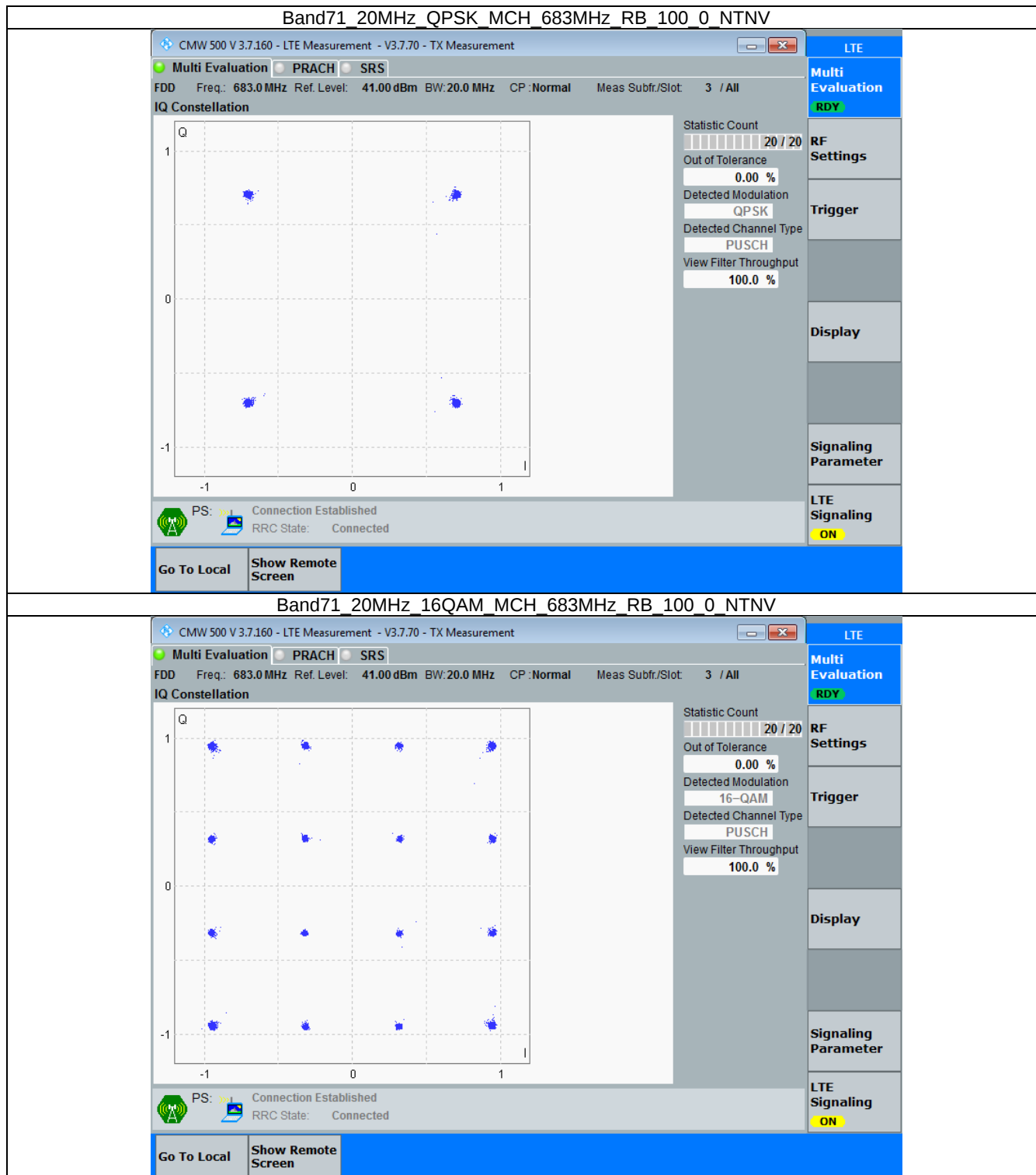


3.4 B71_20MHz

3.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTVN						
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

3.4.2 Test Graph



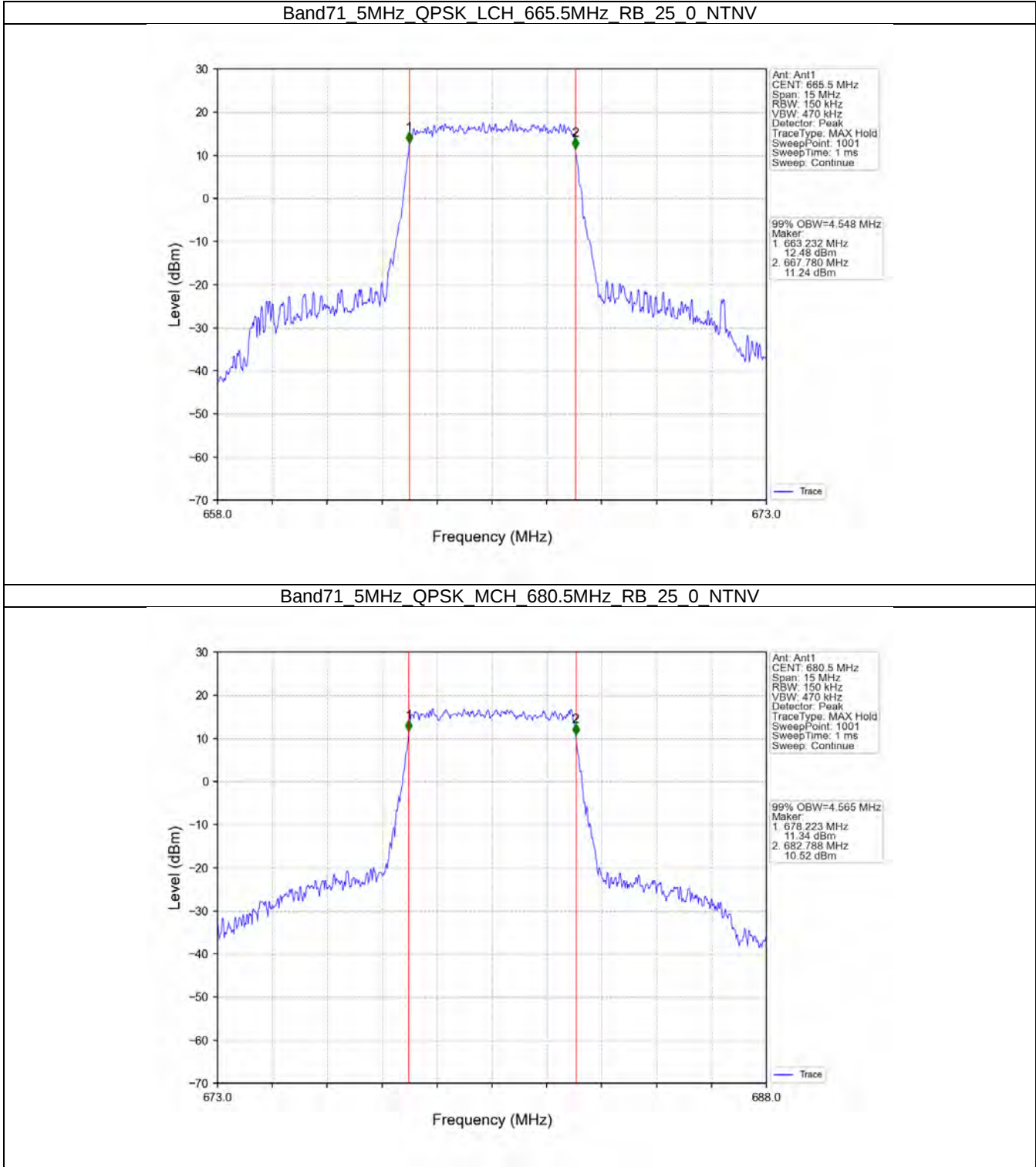
4. 99% & 26dB Bandwidth

4.1 Band71_OBW

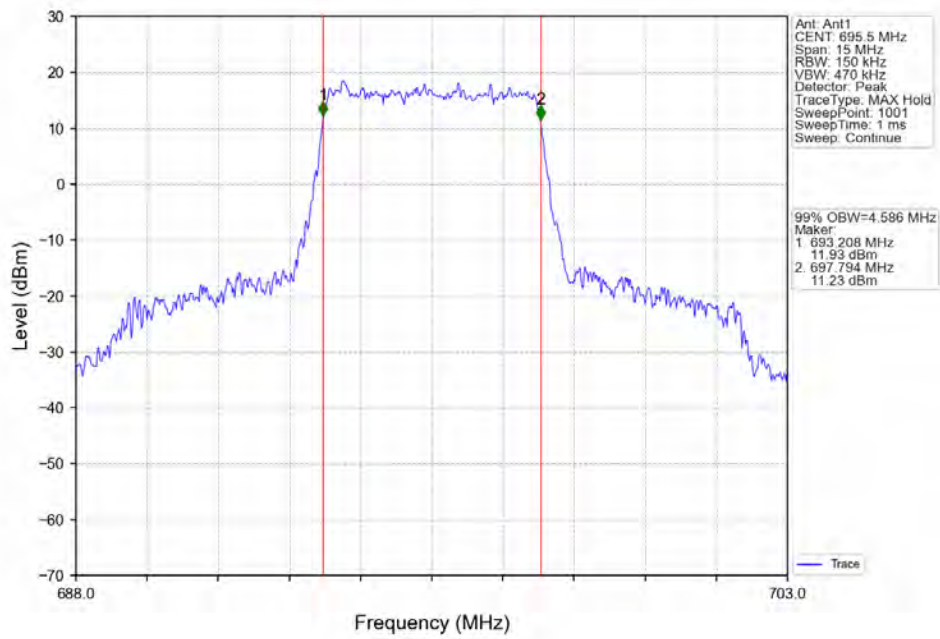
4.1.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	4.548	Pass
		680.5	25	0	4.565	Pass
		695.5	25	0	4.586	Pass
	16QAM	665.5	25	0	4.562	Pass
		680.5	25	0	4.573	Pass
		695.5	25	0	4.563	Pass
10	QPSK	668	50	0	9.072	Pass
		680.5	50	0	9.052	Pass
		693	50	0	9.104	Pass
	16QAM	668	50	0	9.043	Pass
		680.5	50	0	9.049	Pass
		693	50	0	9.069	Pass
15	QPSK	670.5	75	0	13.652	Pass
		680.5	75	0	13.553	Pass
		690.5	75	0	13.632	Pass
	16QAM	670.5	75	0	13.626	Pass
		680.5	75	0	13.586	Pass
		690.5	75	0	13.635	Pass
20	QPSK	673	100	0	18.101	Pass
		683	100	0	18.094	Pass
		688	100	0	18.167	Pass
	16QAM	673	100	0	18.093	Pass
		683	100	0	18.153	Pass
		688	100	0	18.188	Pass

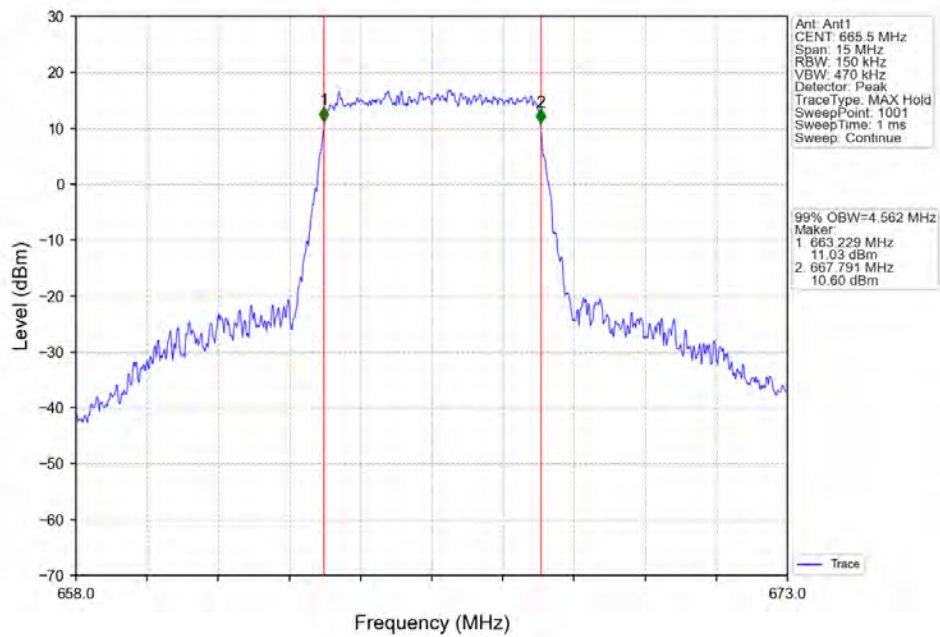
4.1.2 Test Graph



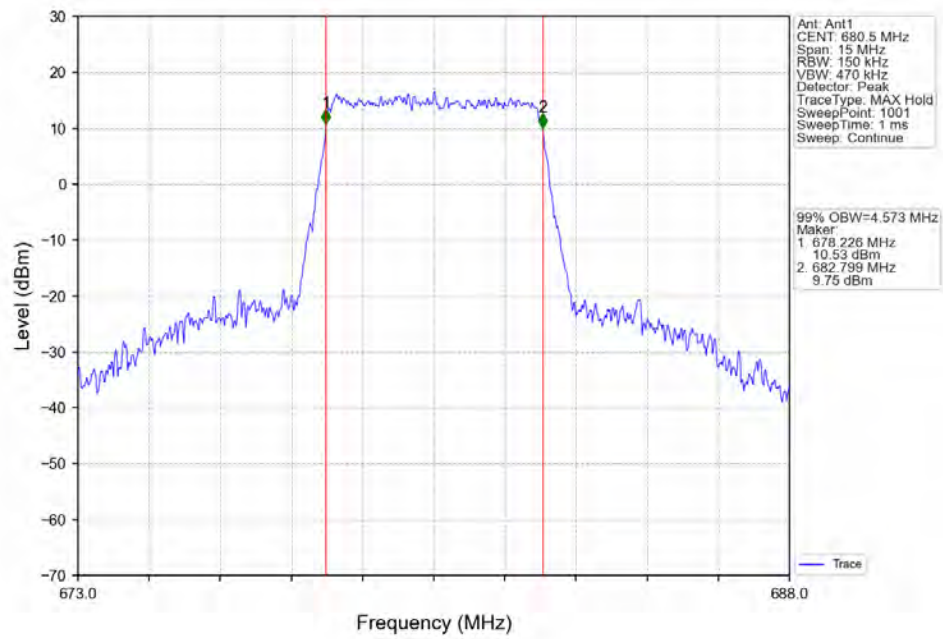
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



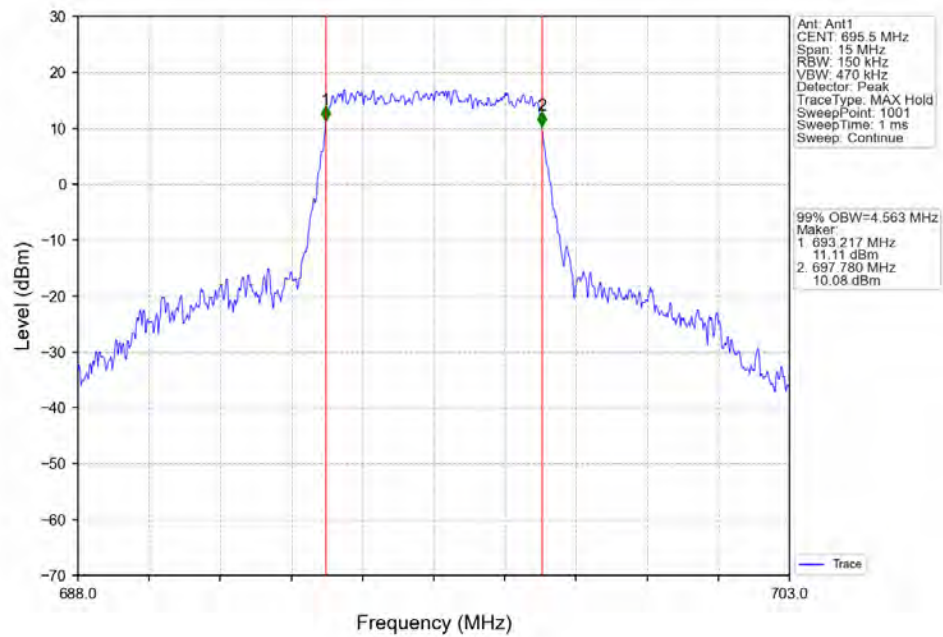
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



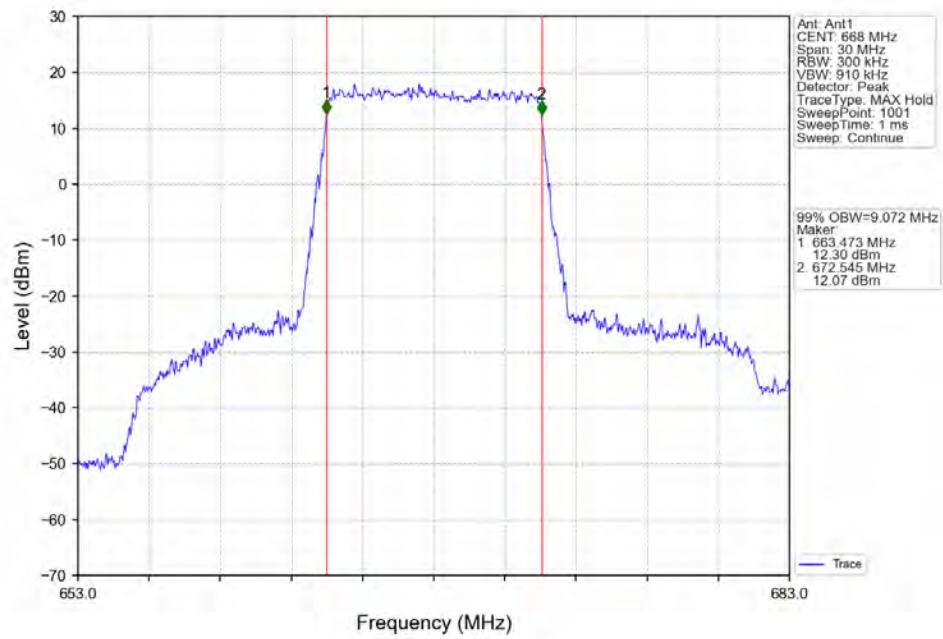
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



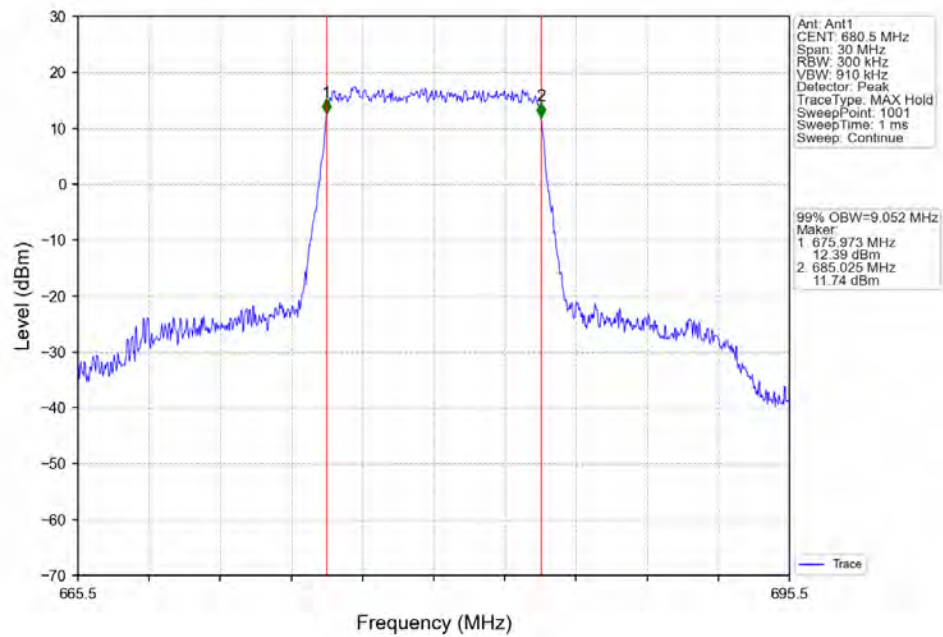
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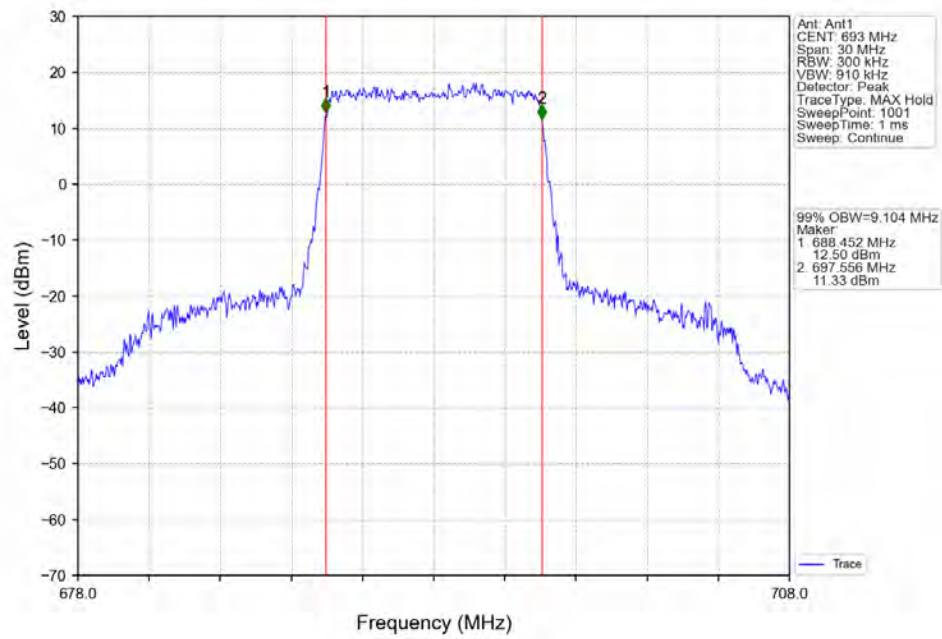
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



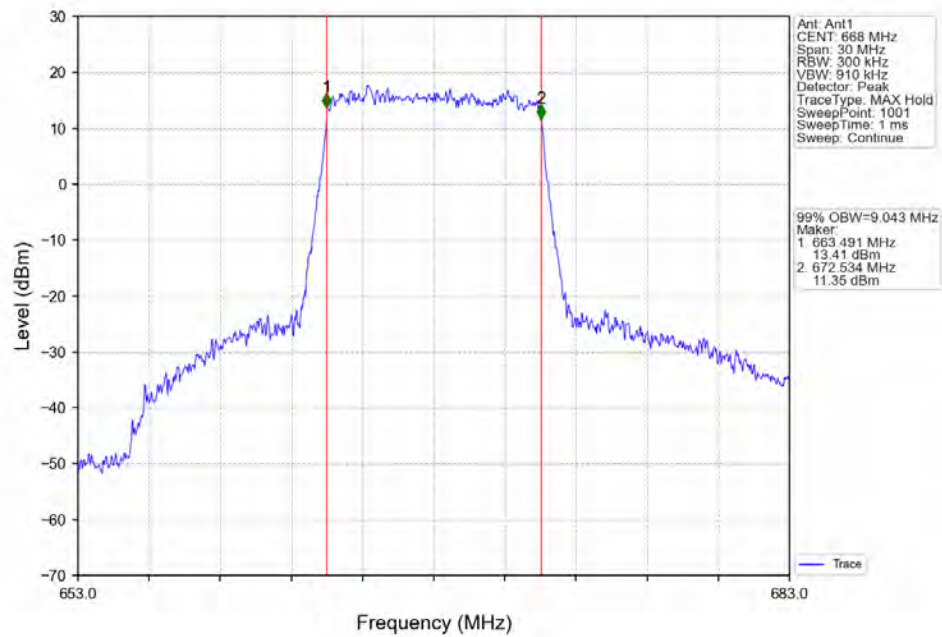
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



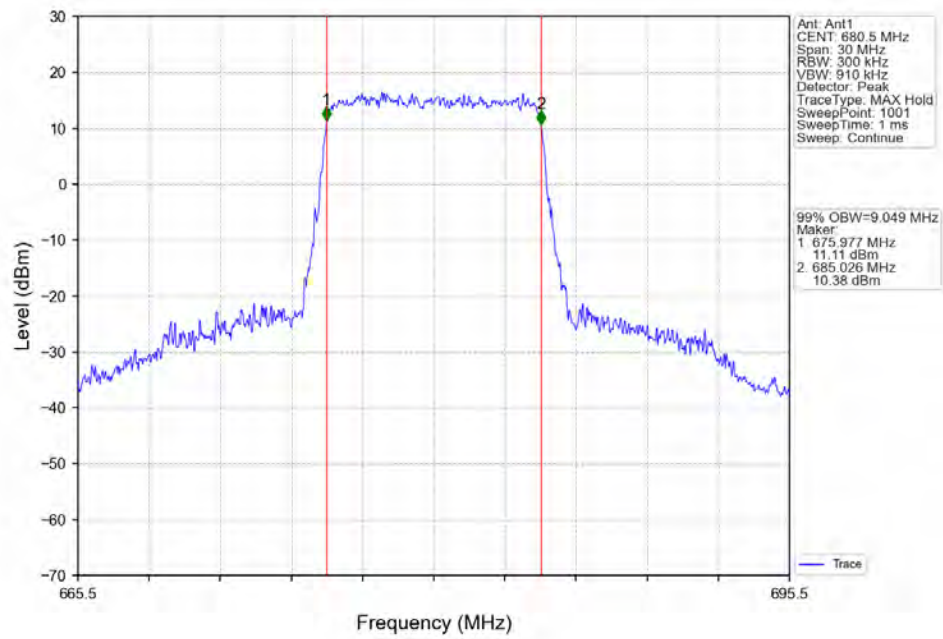
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



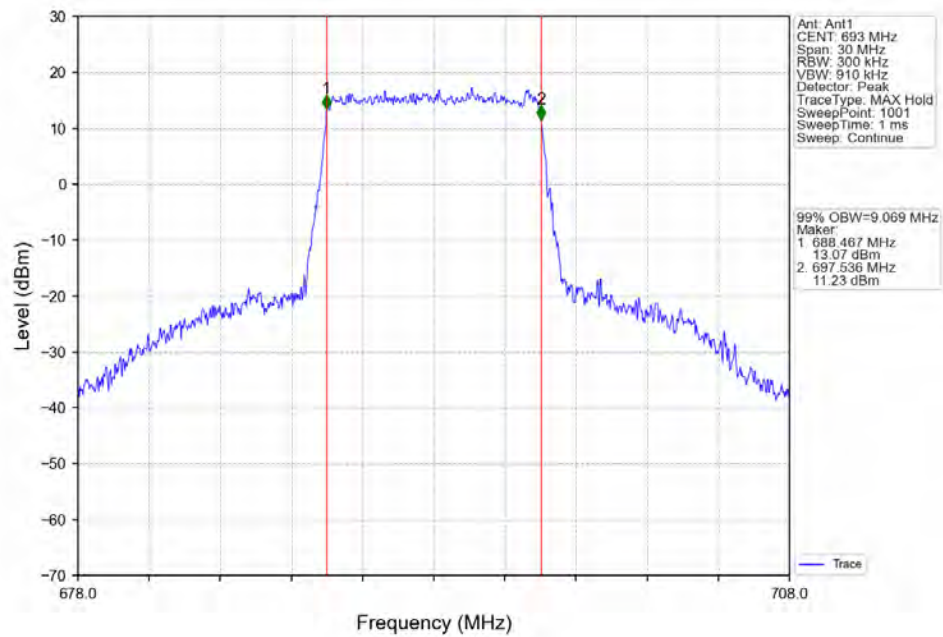
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



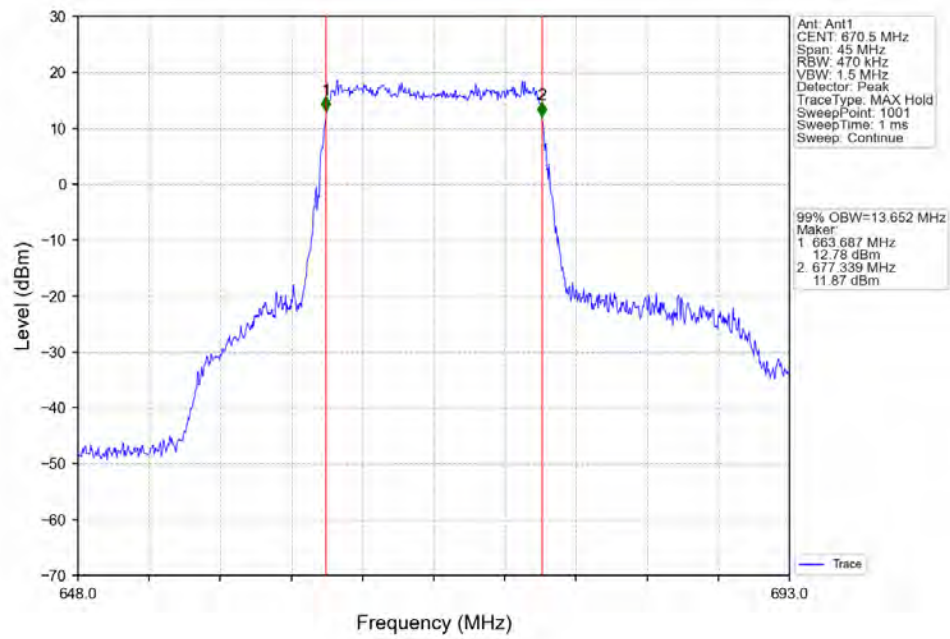
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



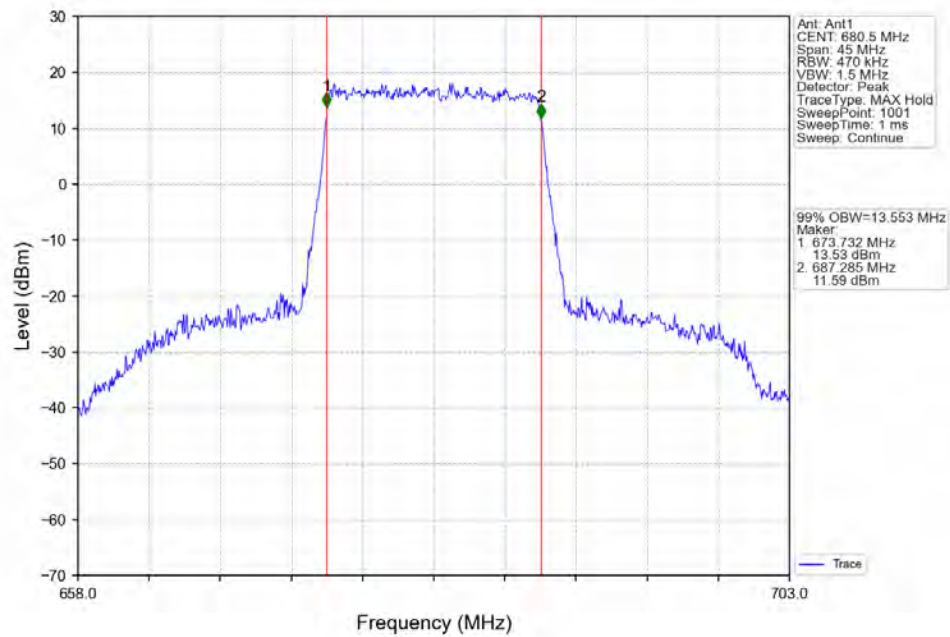
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



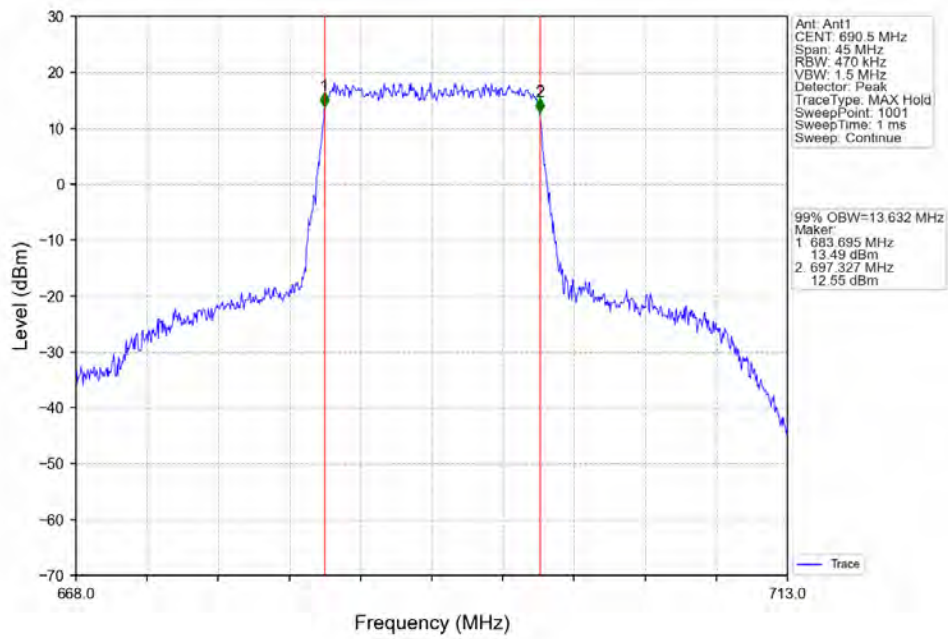
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



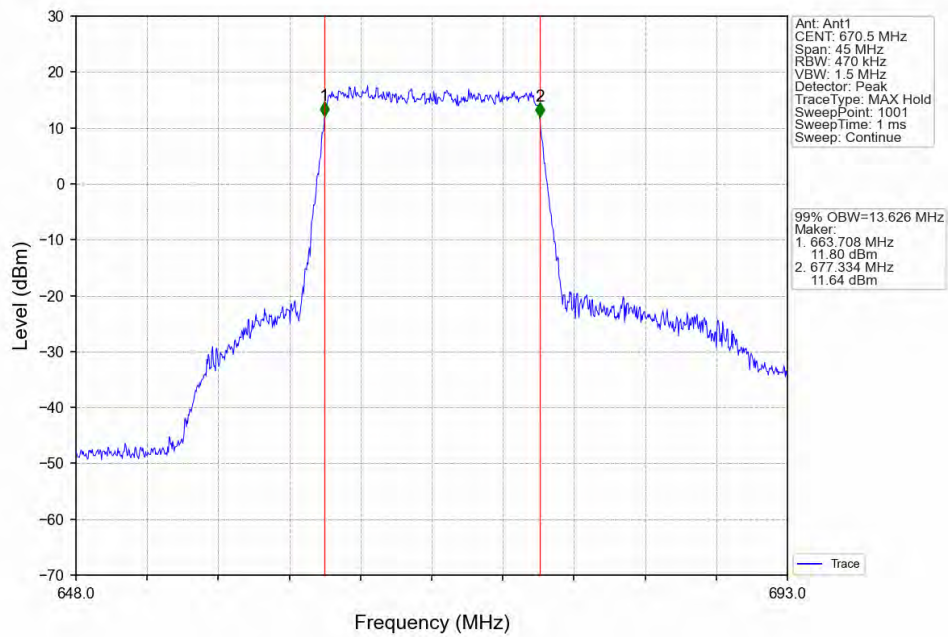
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



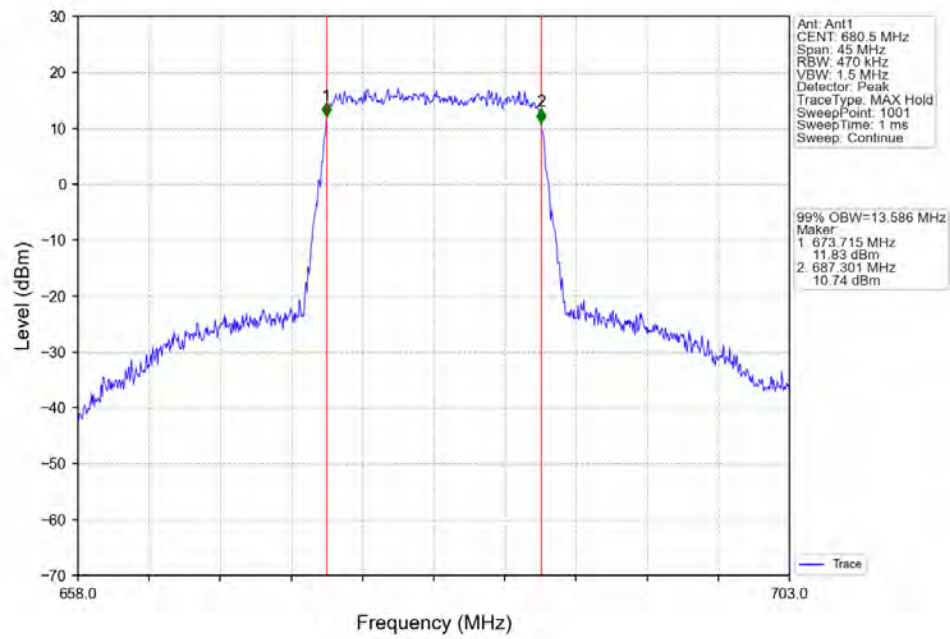
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



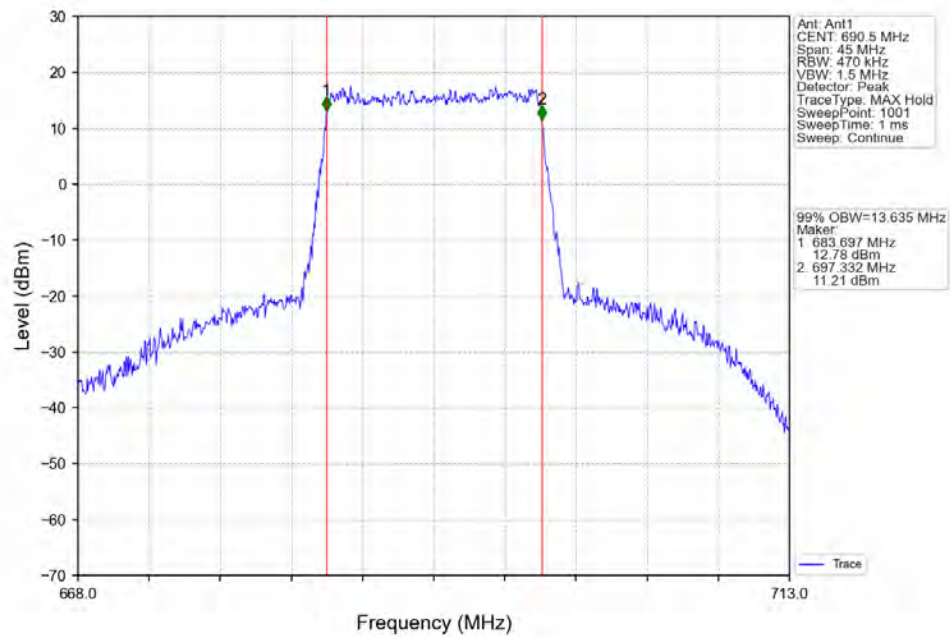
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



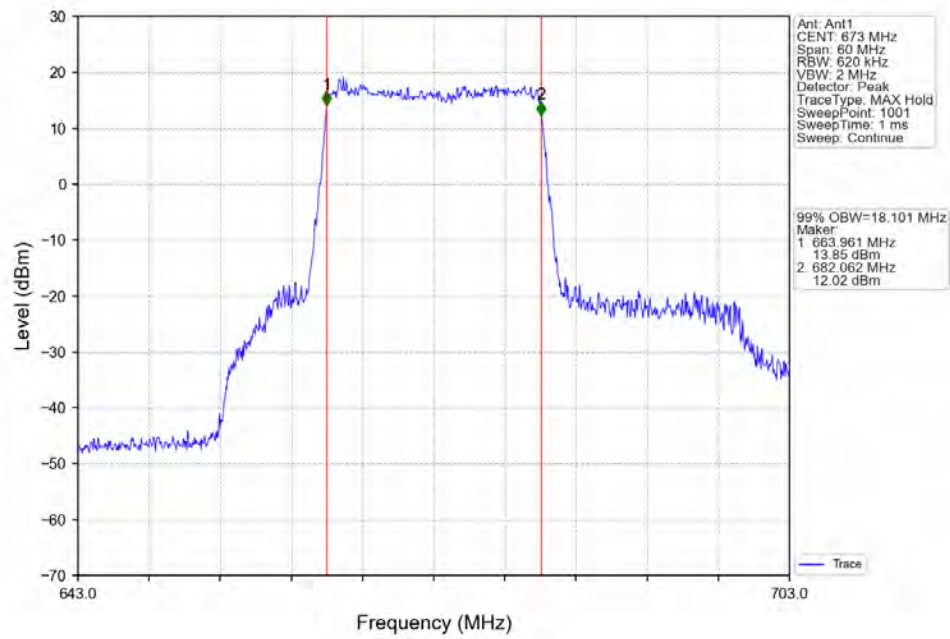
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



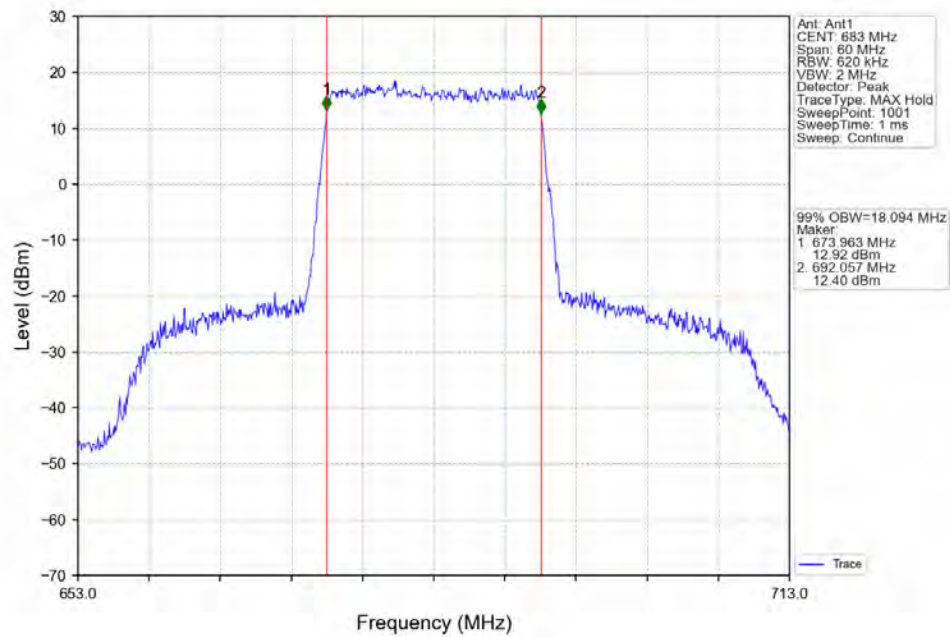
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



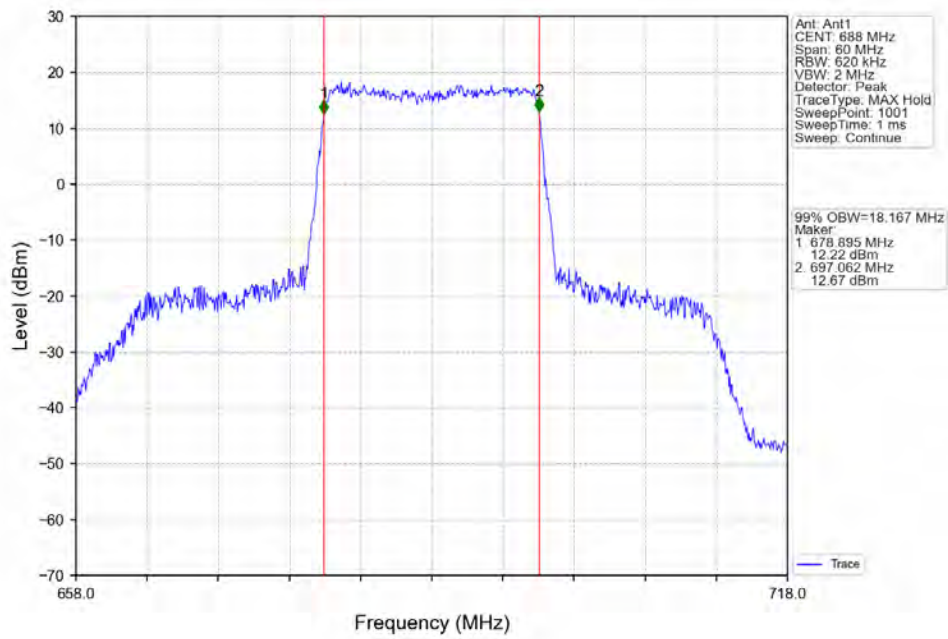
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



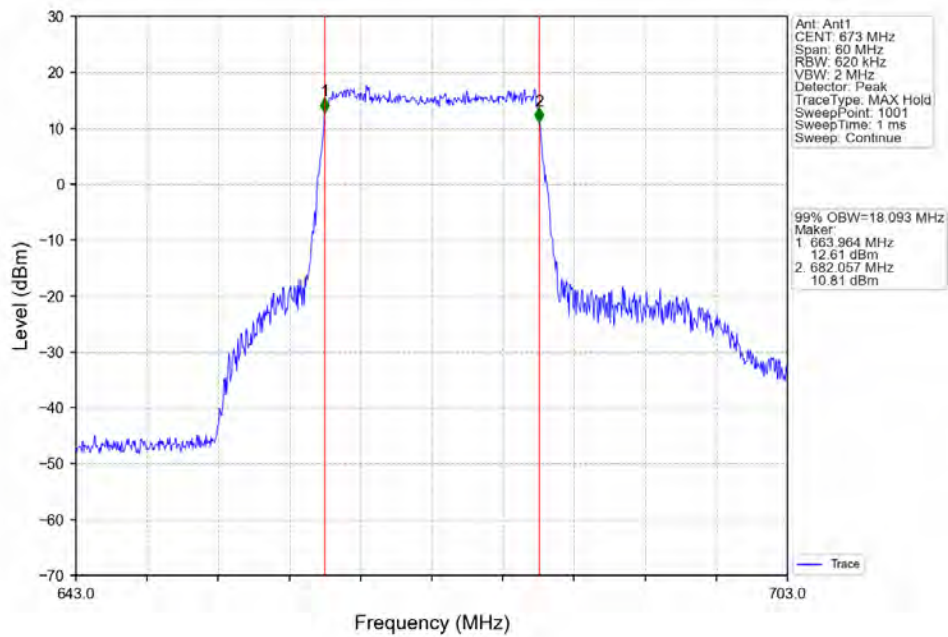
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



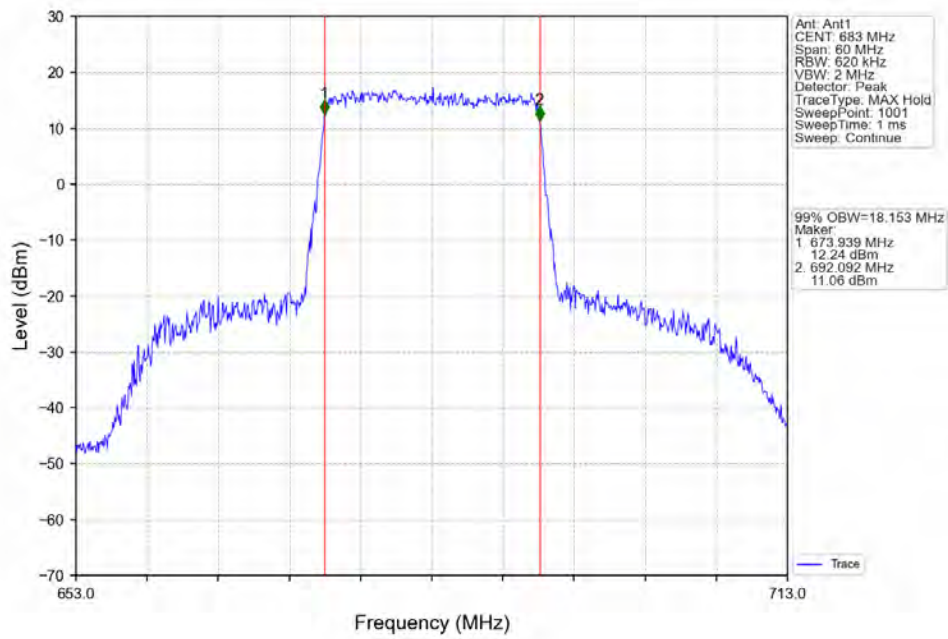
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



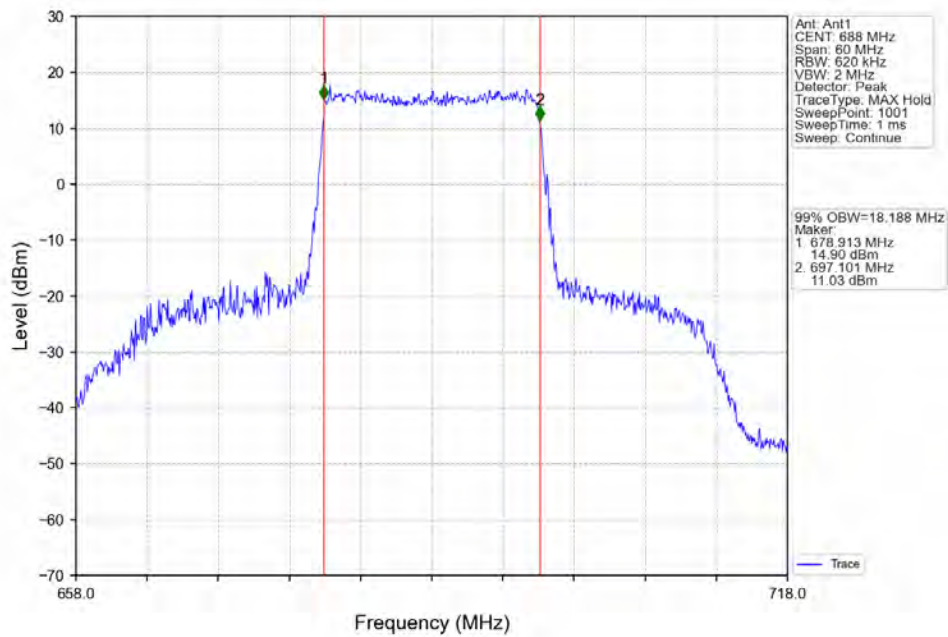
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV

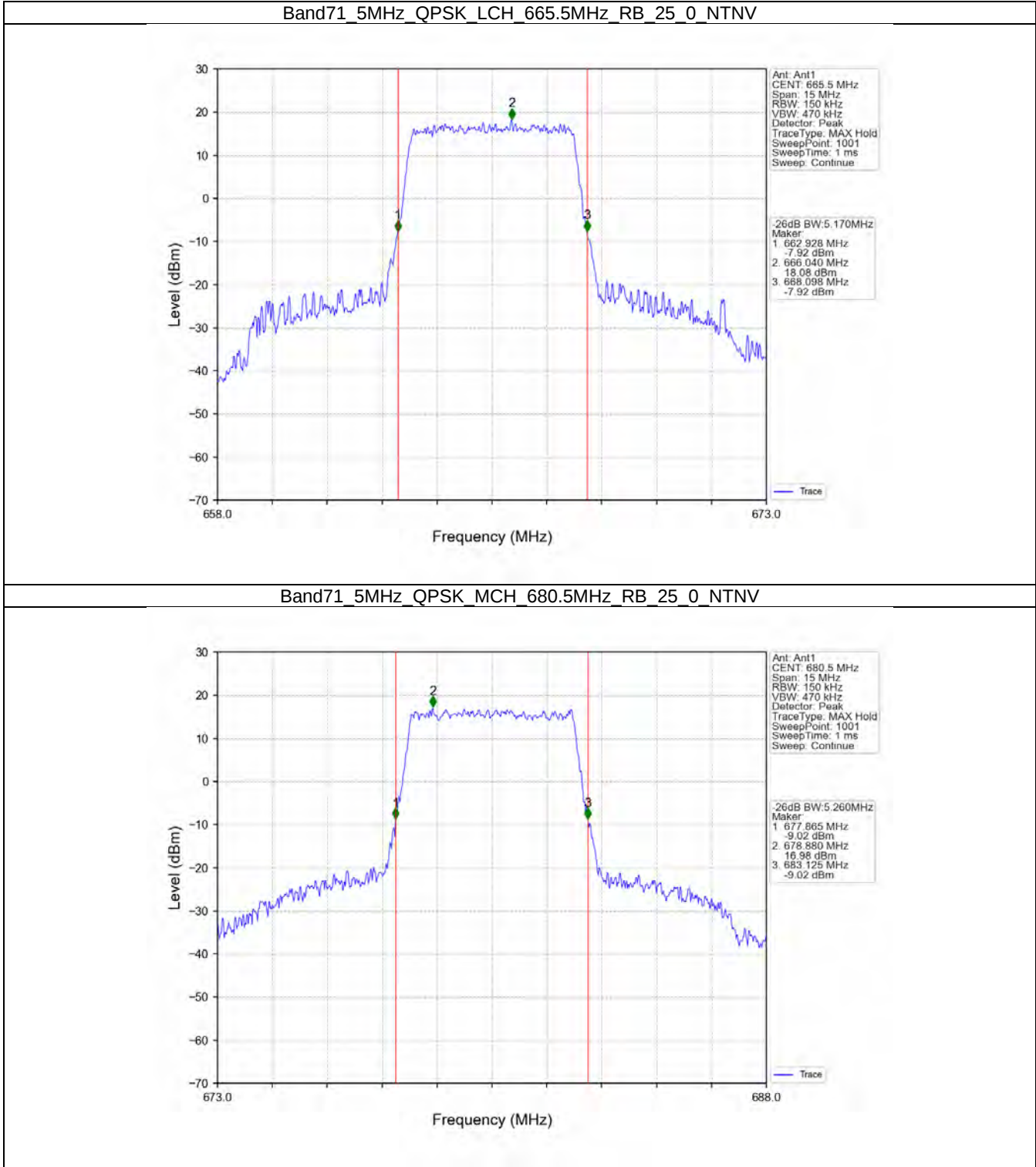


4.2 Band71_XDB

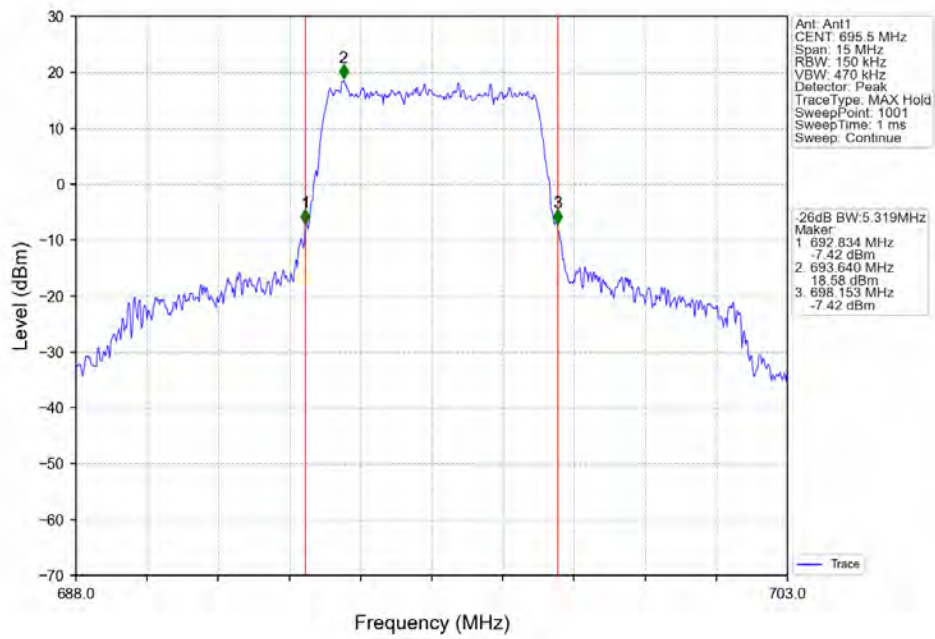
4.2.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	5.170	Pass
		680.5	25	0	5.260	Pass
		695.5	25	0	5.319	Pass
	16QAM	665.5	25	0	5.216	Pass
		680.5	25	0	5.313	Pass
		695.5	25	0	5.293	Pass
10	QPSK	668	50	0	10.271	Pass
		680.5	50	0	10.240	Pass
		693	50	0	10.251	Pass
	16QAM	668	50	0	10.106	Pass
		680.5	50	0	10.148	Pass
		693	50	0	10.263	Pass
15	QPSK	670.5	75	0	15.287	Pass
		680.5	75	0	15.259	Pass
		690.5	75	0	15.539	Pass
	16QAM	670.5	75	0	15.332	Pass
		680.5	75	0	15.368	Pass
		690.5	75	0	15.193	Pass
20	QPSK	673	100	0	20.056	Pass
		683	100	0	20.145	Pass
		688	100	0	20.259	Pass
	16QAM	673	100	0	20.043	Pass
		683	100	0	20.315	Pass
		688	100	0	20.116	Pass

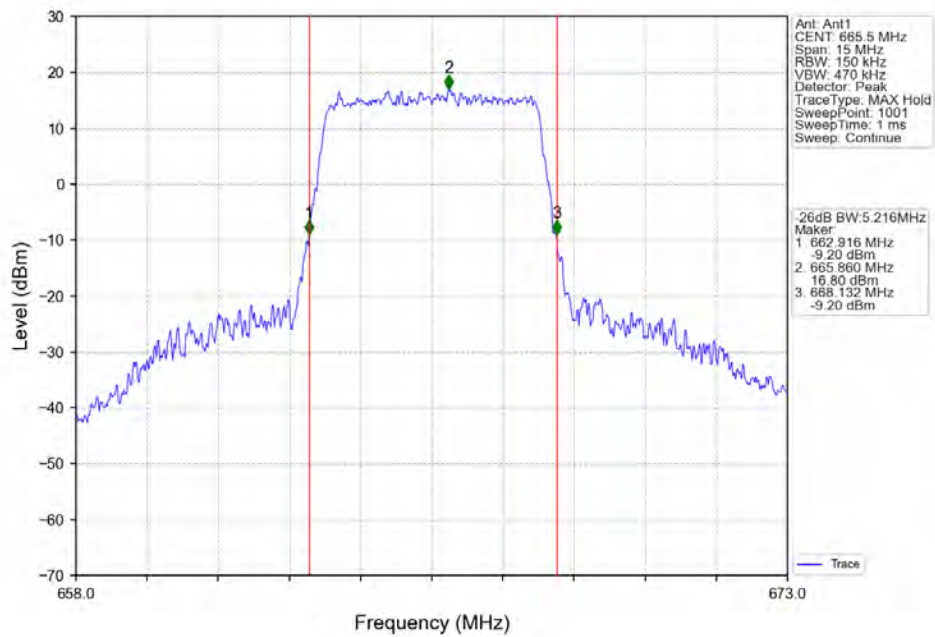
4.2.2 Test Graph



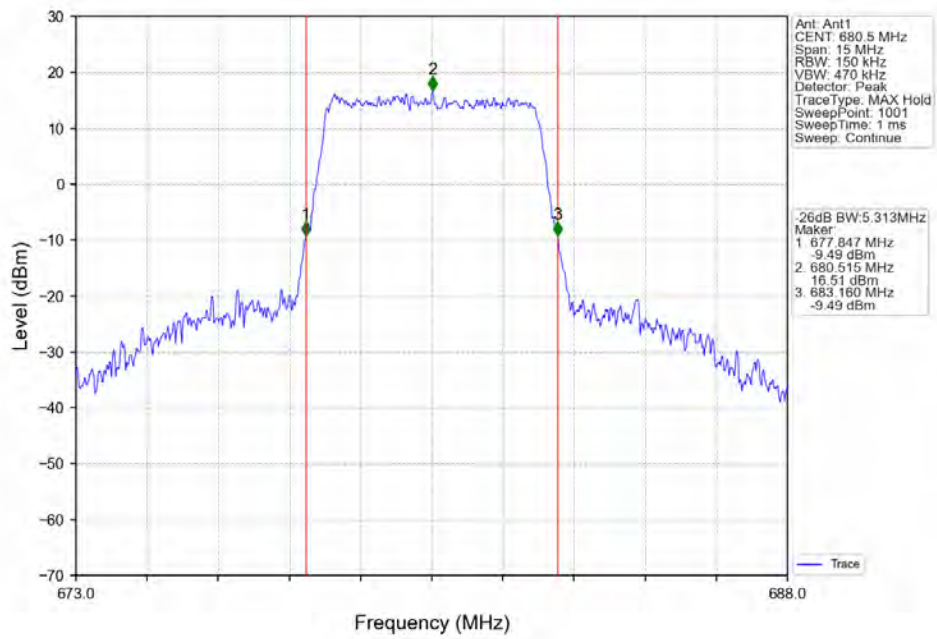
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



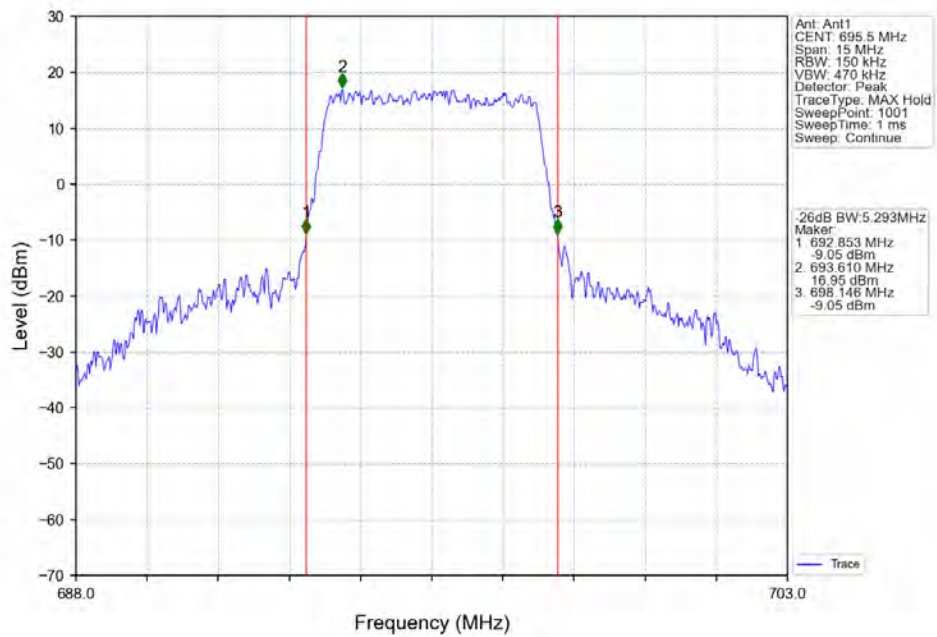
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



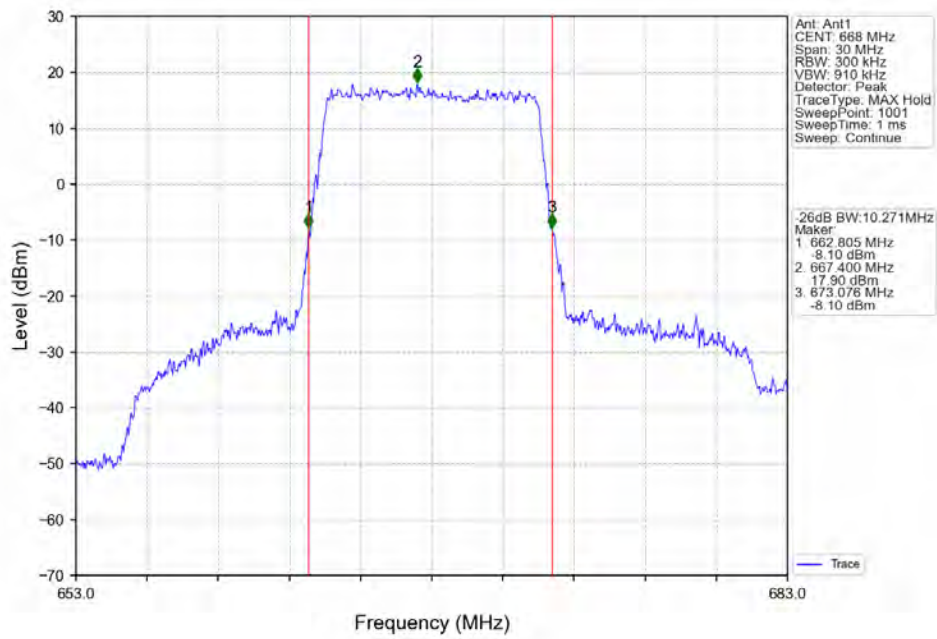
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



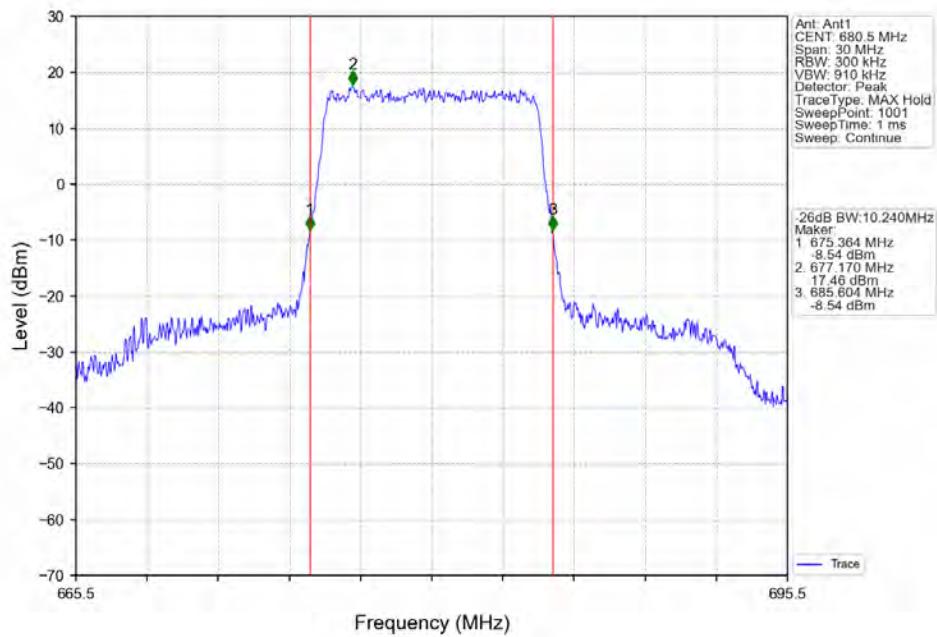
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



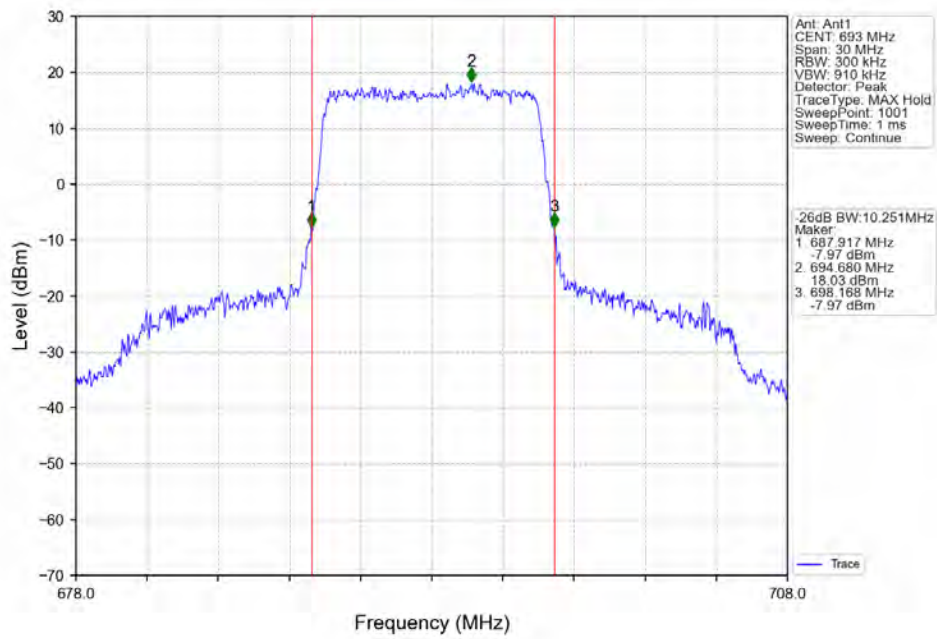
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



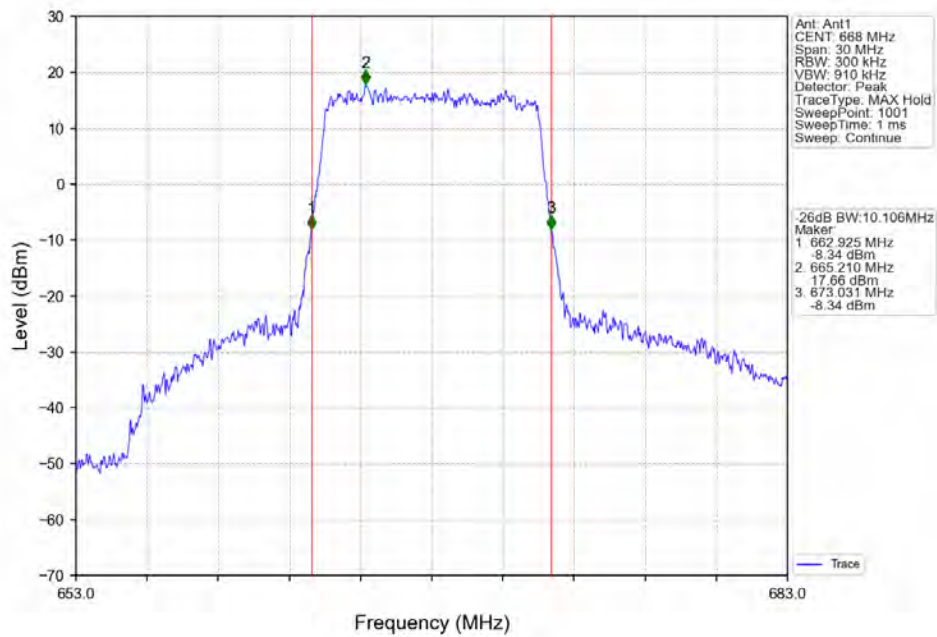
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



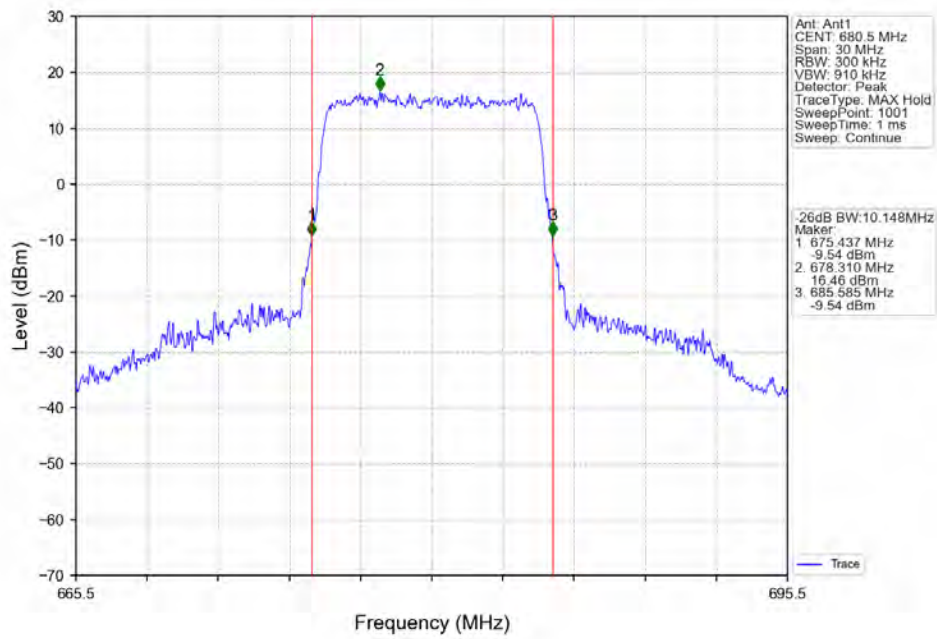
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



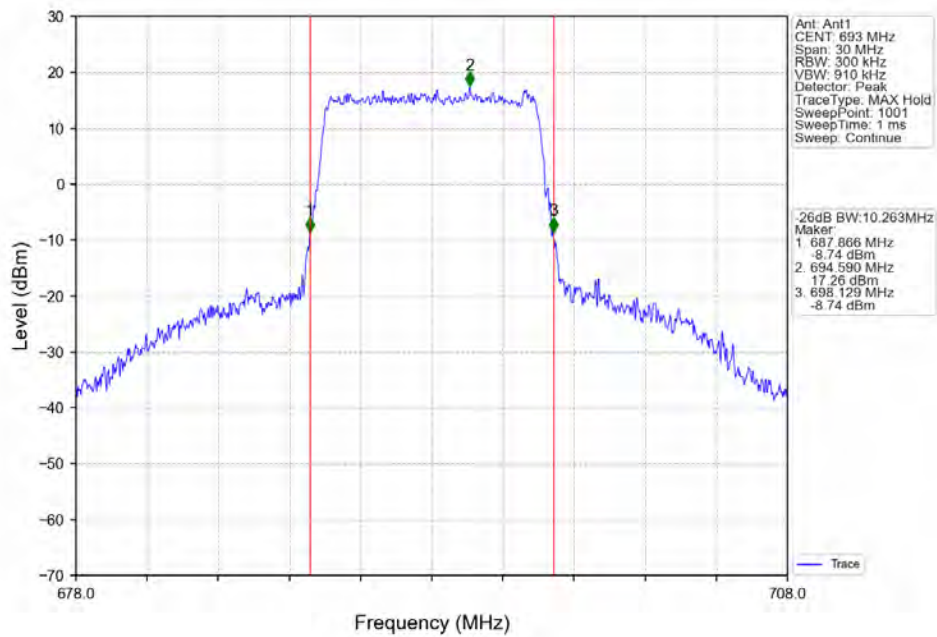
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



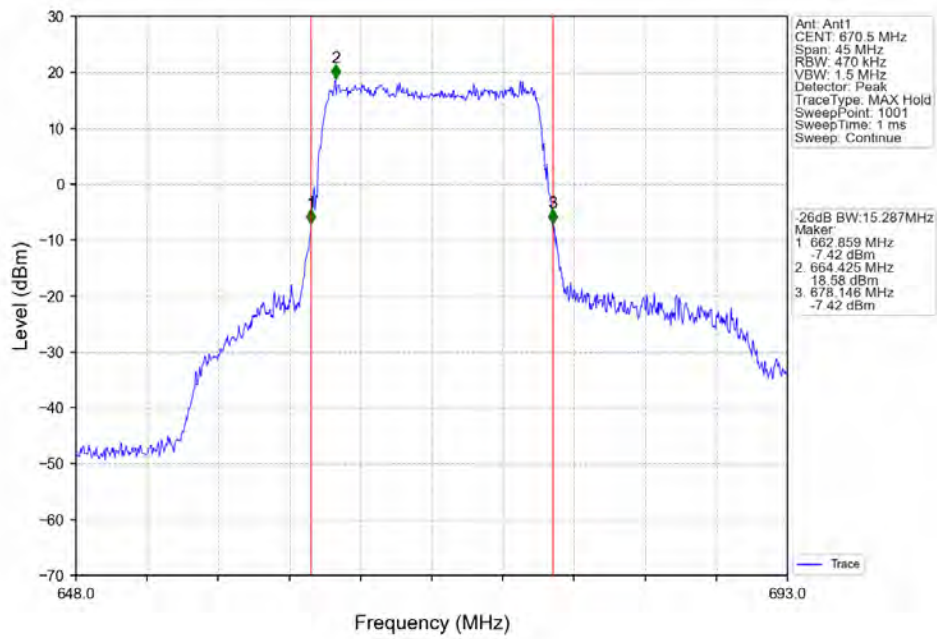
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



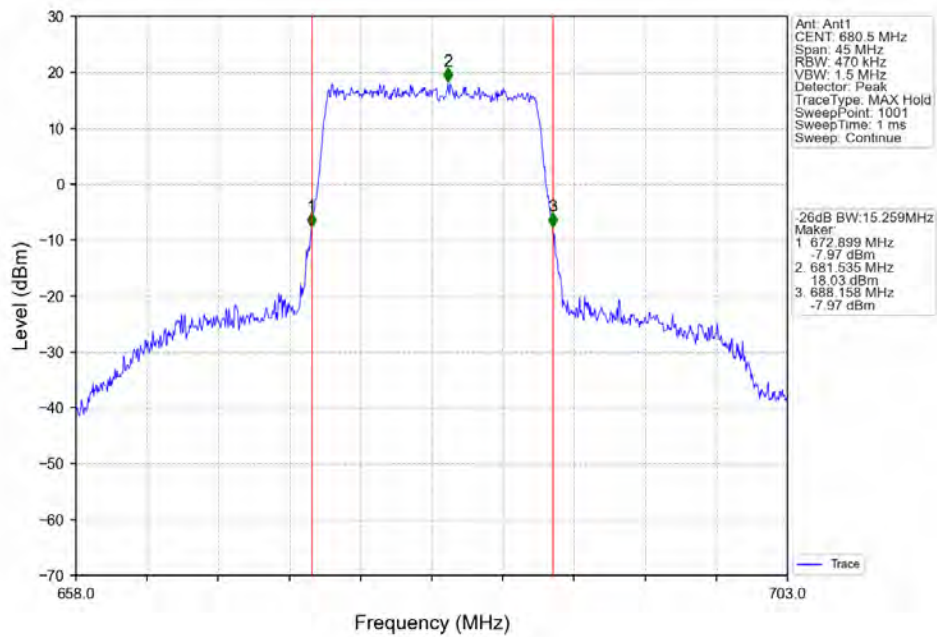
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



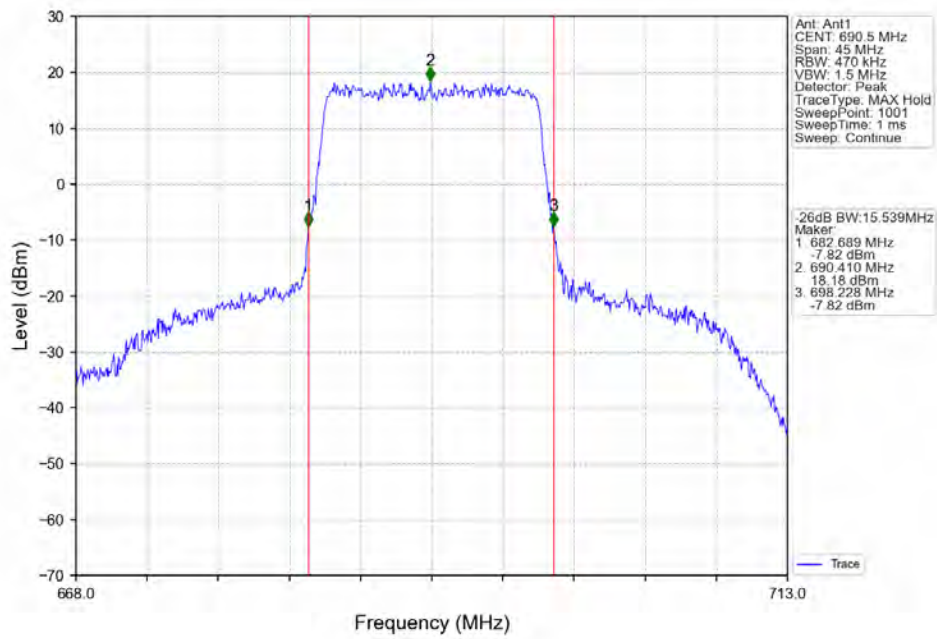
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



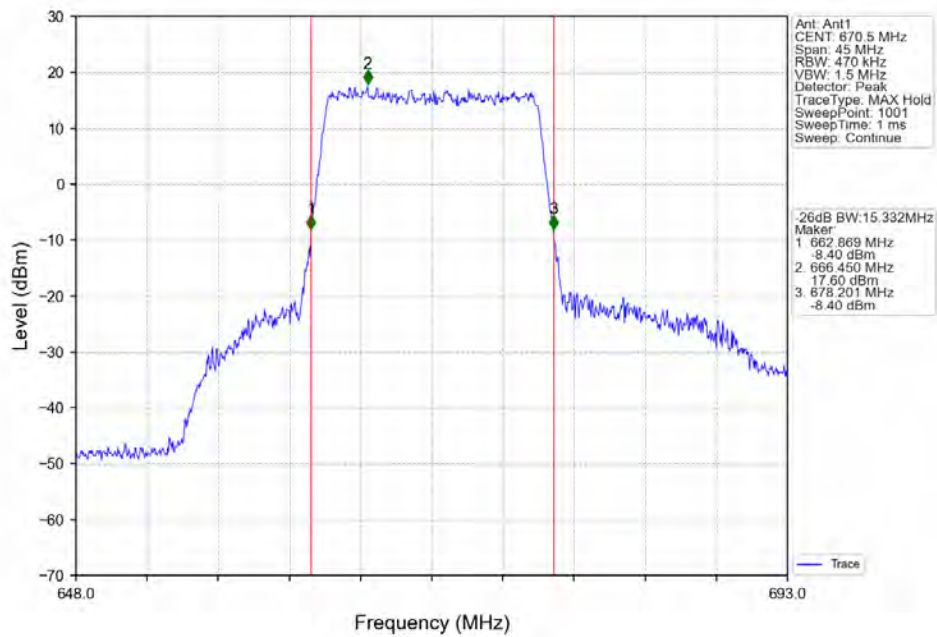
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



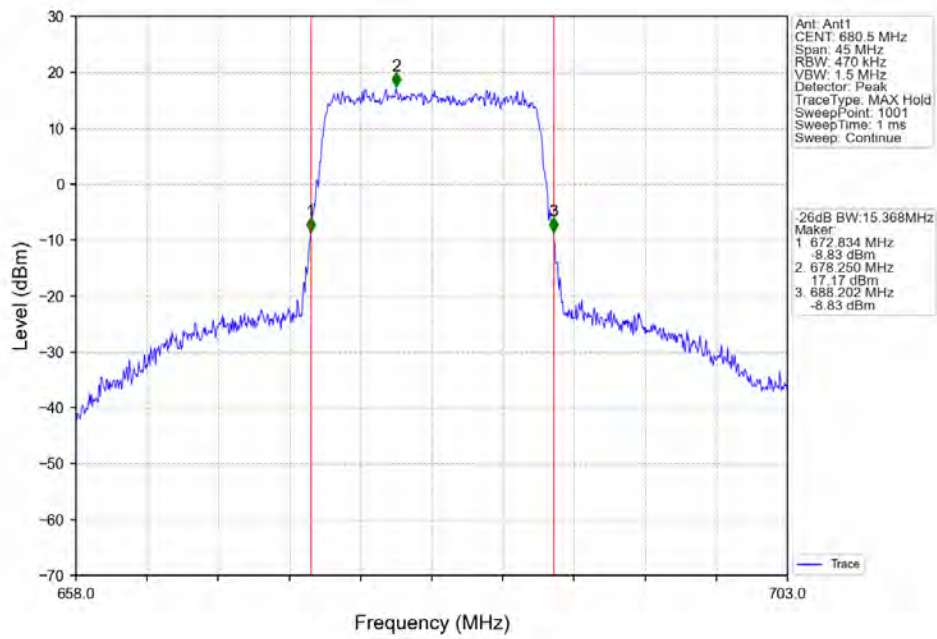
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



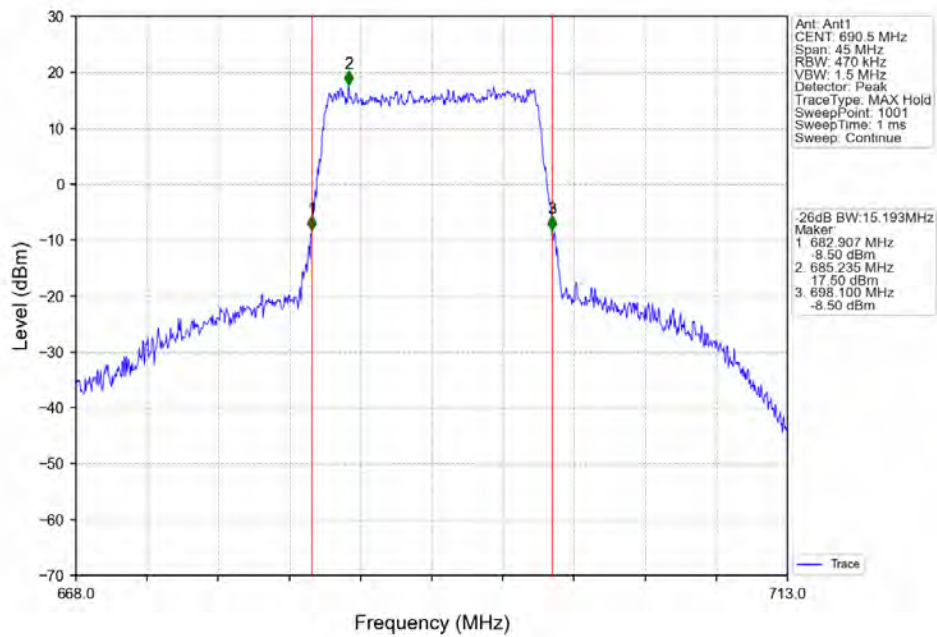
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



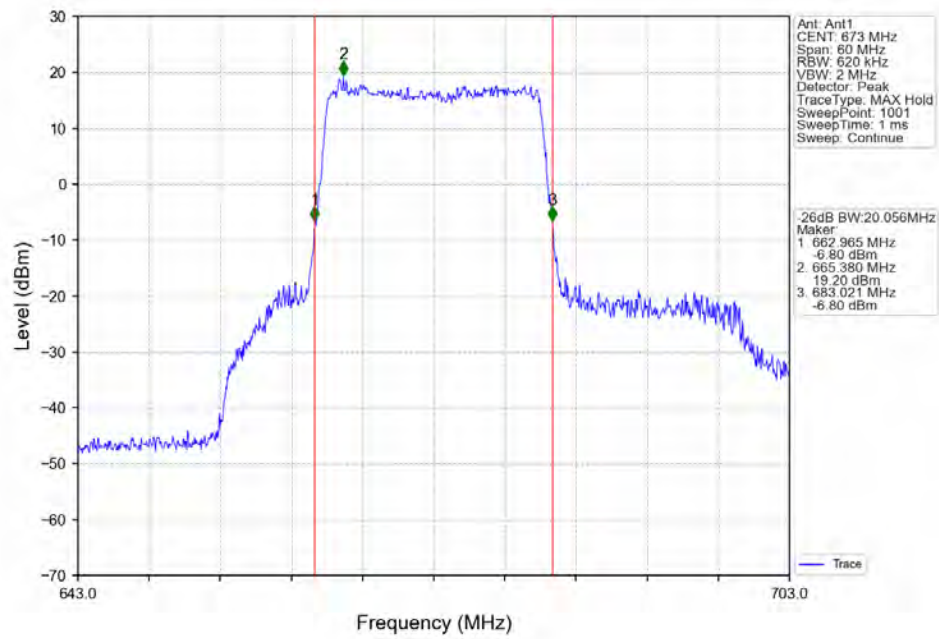
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



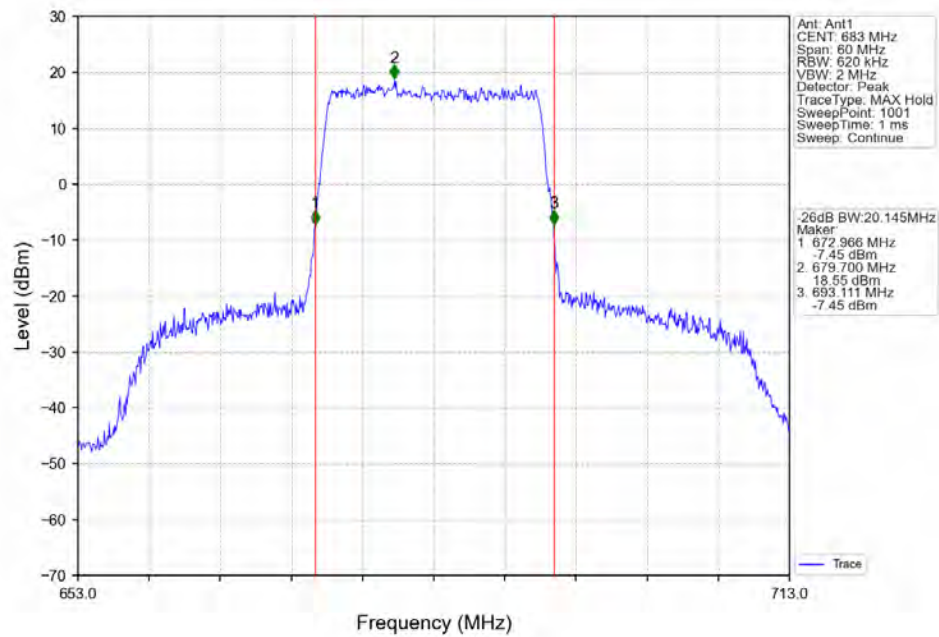
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



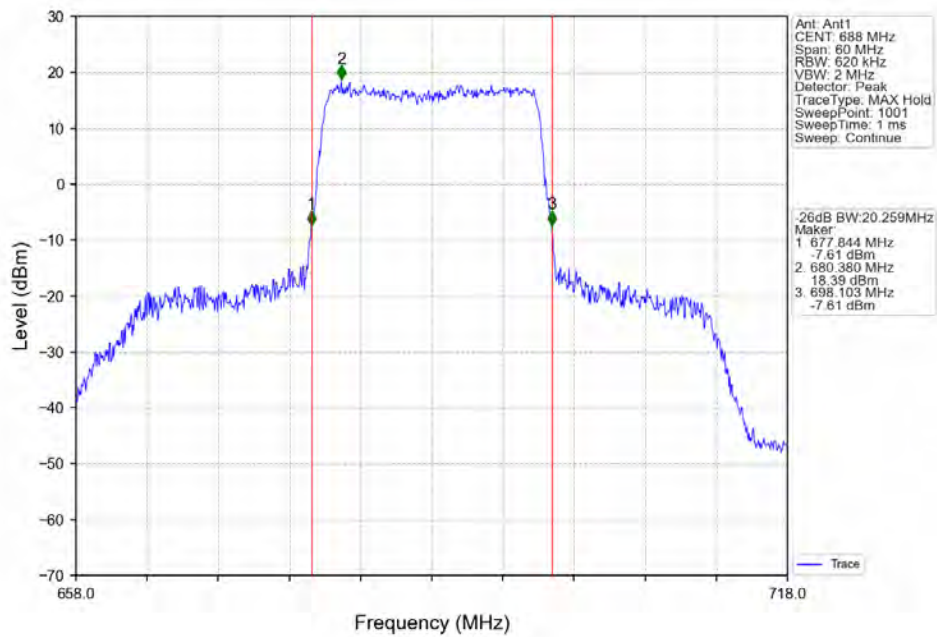
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



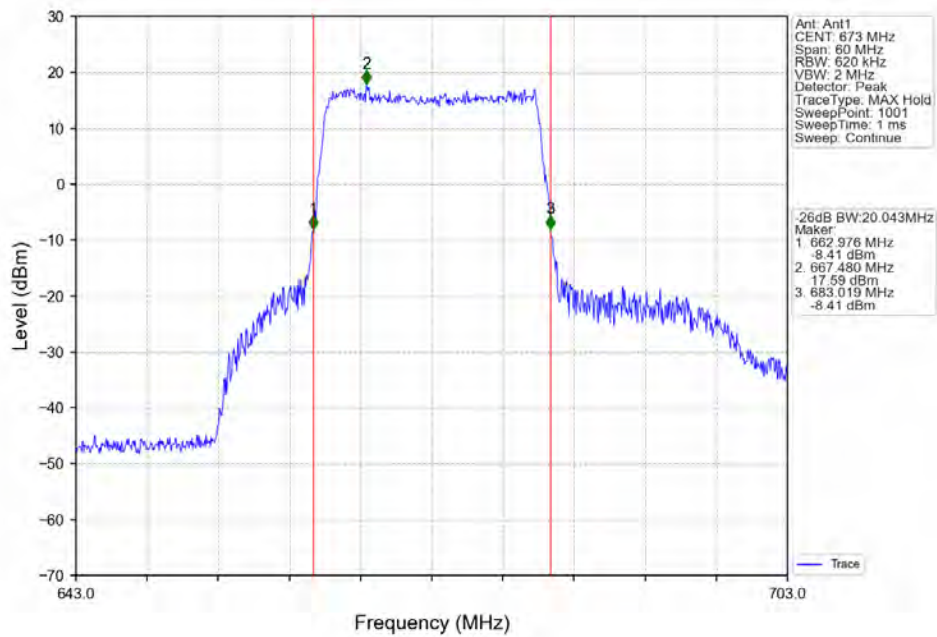
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



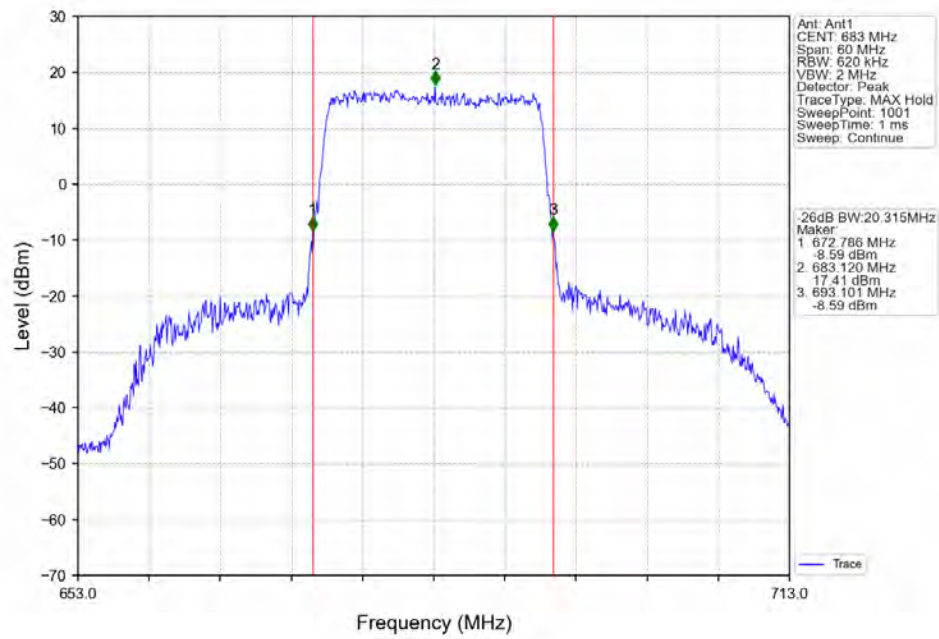
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



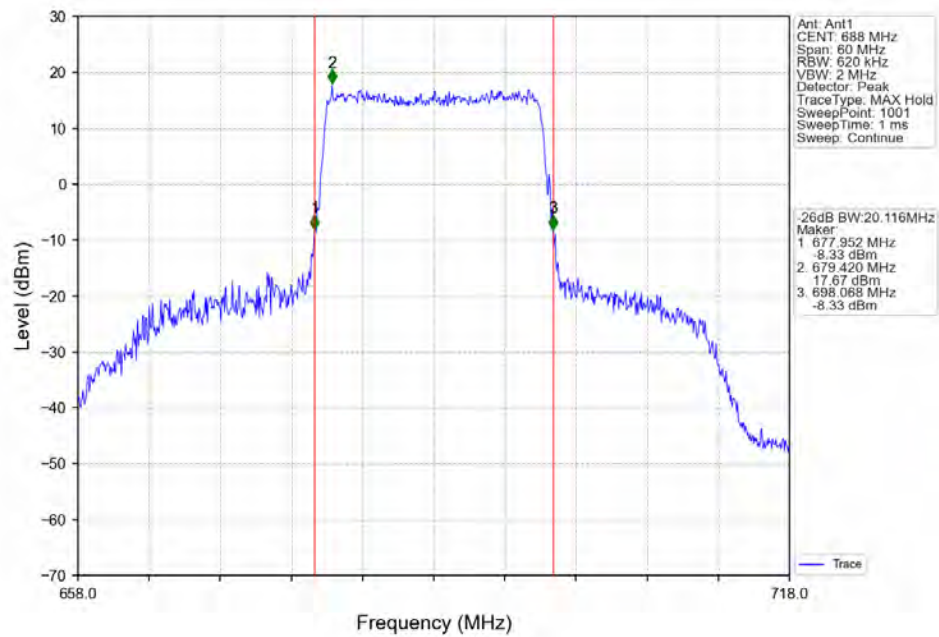
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



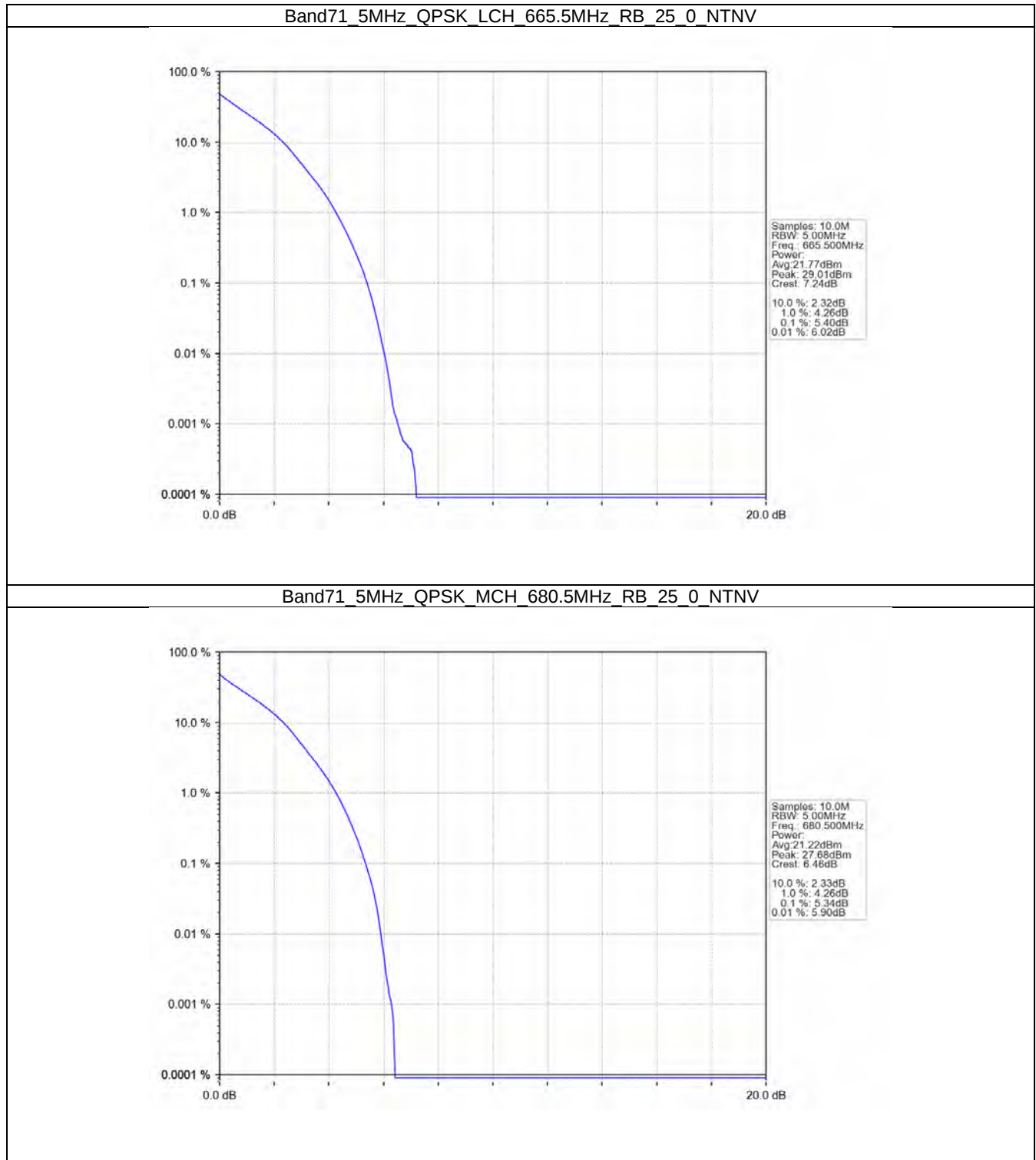
5. Peak-Average Ratio

5.1 B71_5MHz

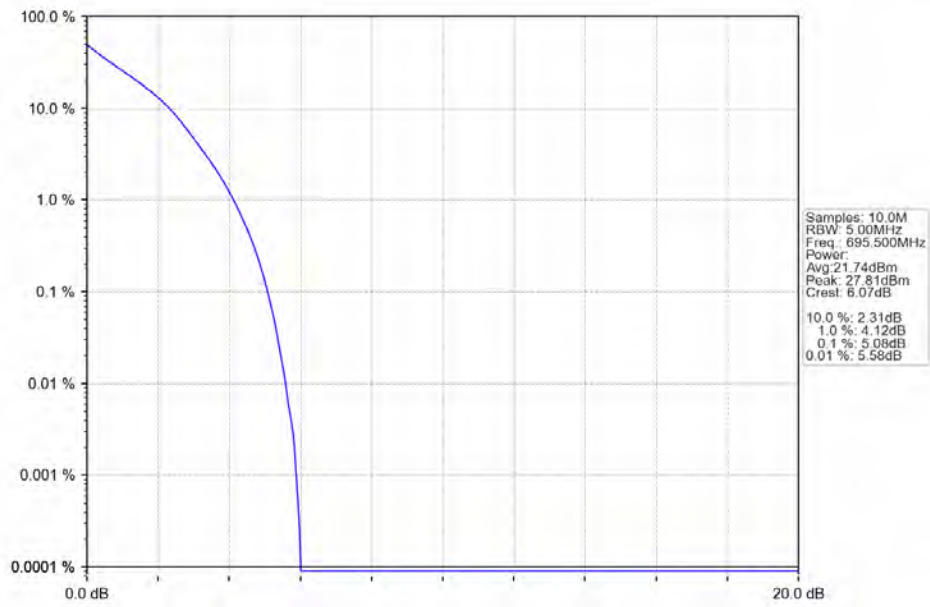
5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.40	<=13	Pass
	680.5	25	0	5.34	<=13	Pass
	695.5	25	0	5.08	<=13	Pass
16QAM	665.5	25	0	6.06	<=13	Pass
	680.5	25	0	6.03	<=13	Pass
	695.5	25	0	5.76	<=13	Pass

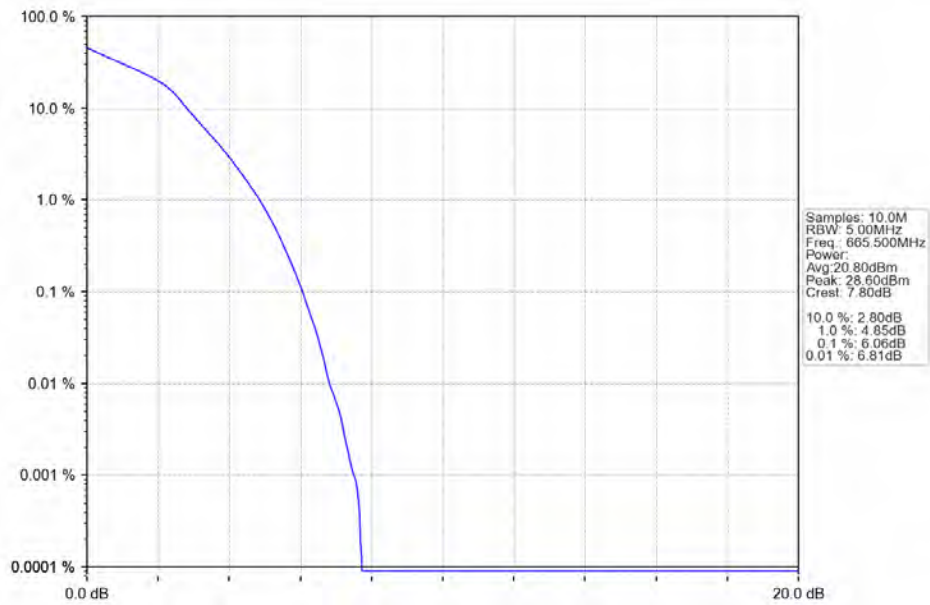
5.1.2 Test Graph



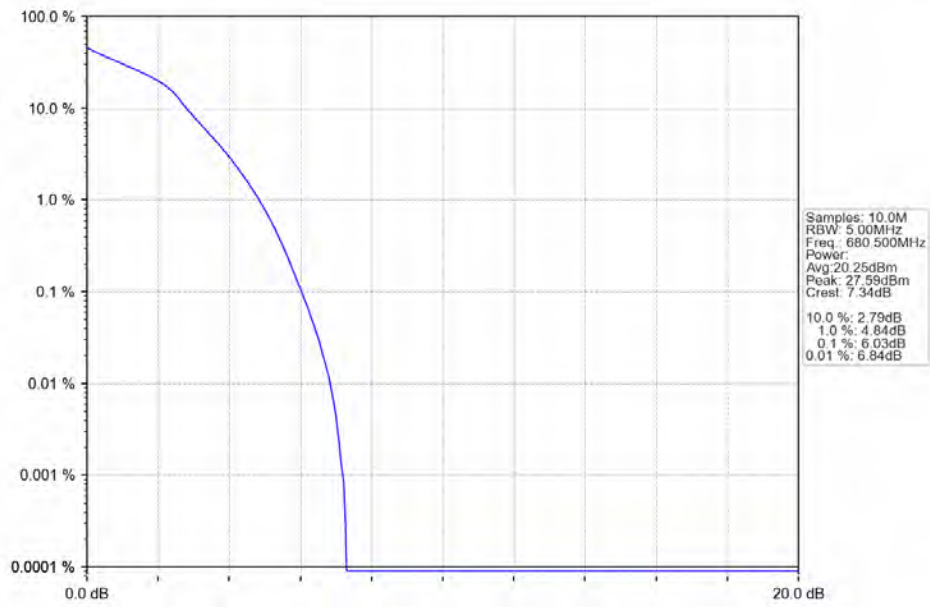
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



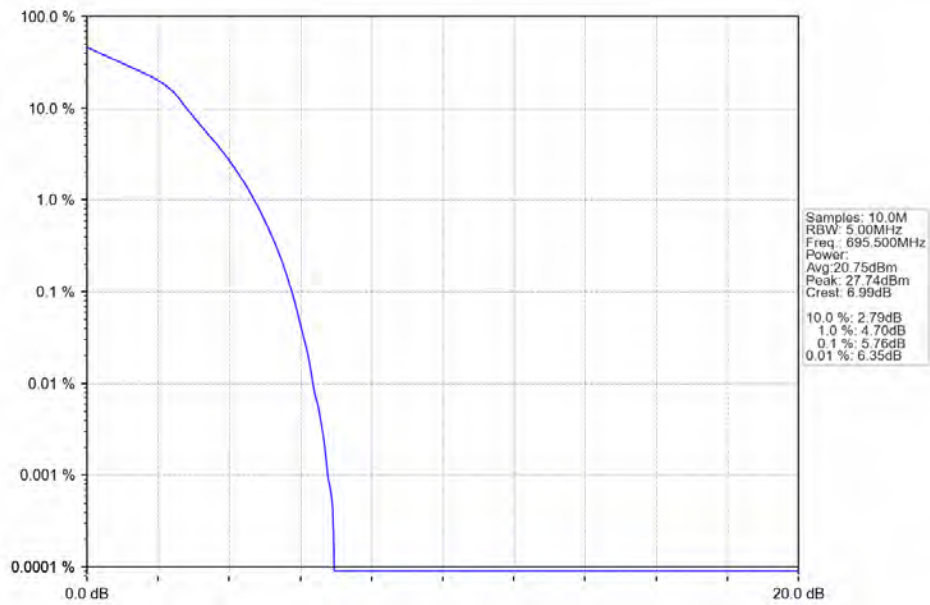
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV

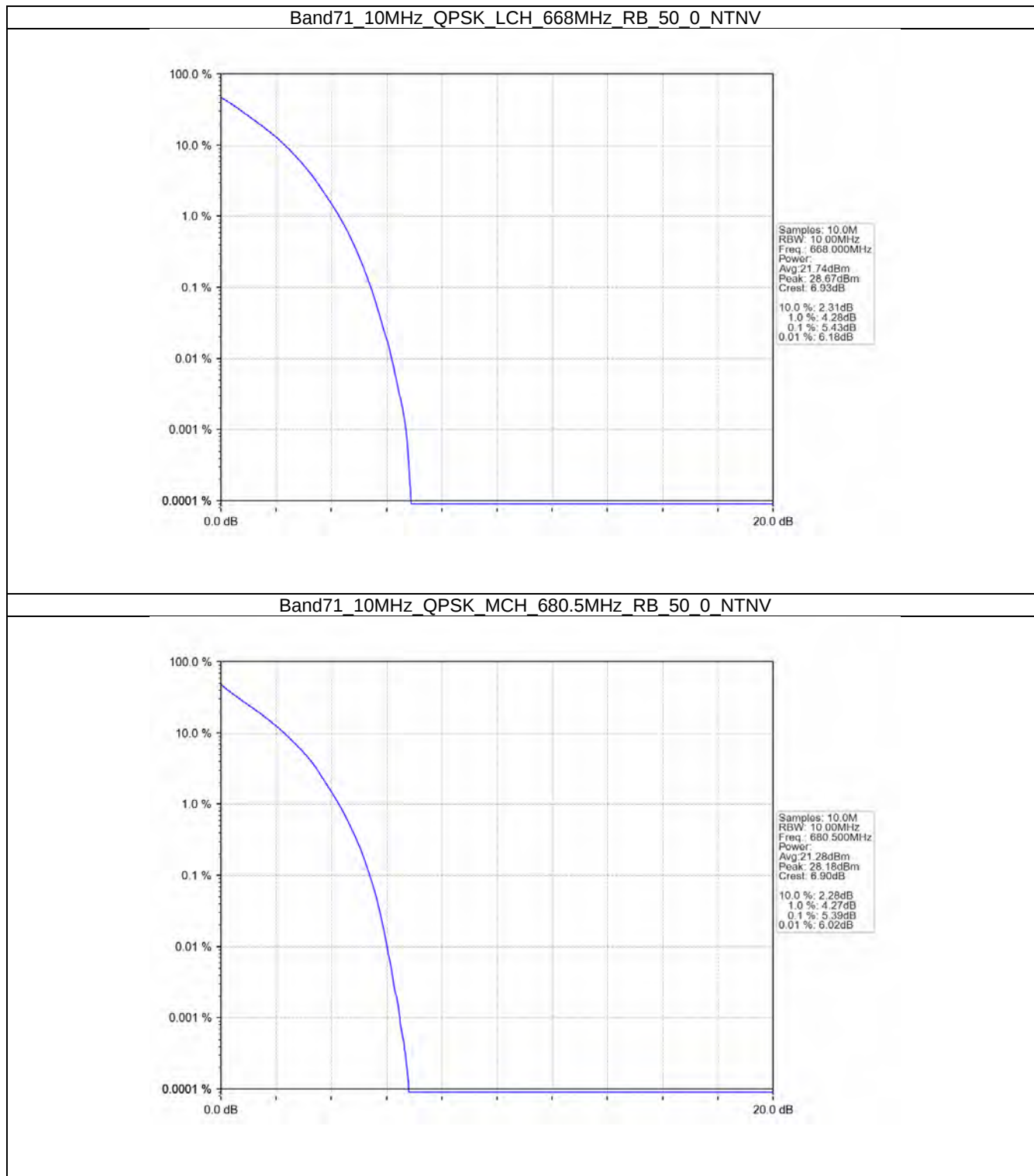


5.2 B71_10MHz

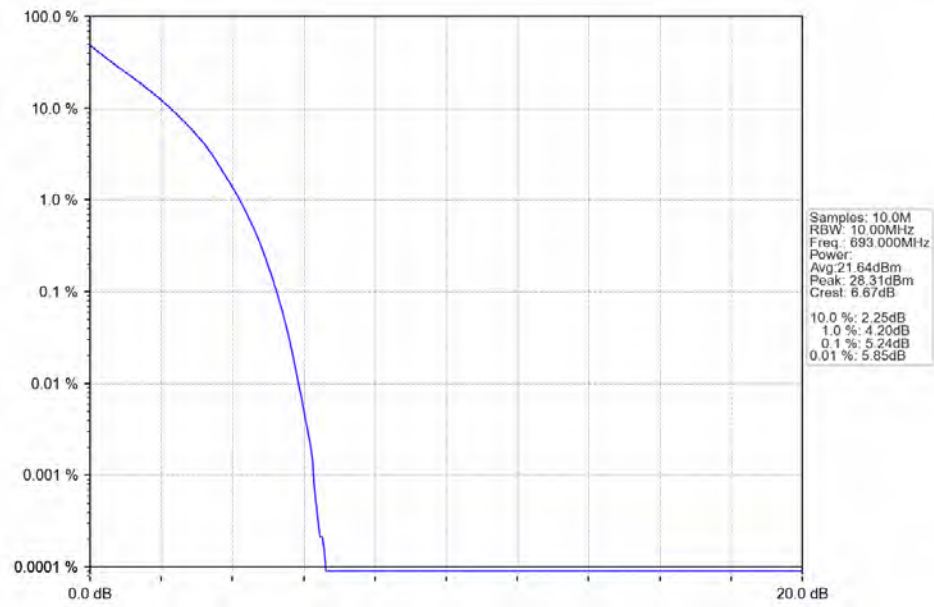
5.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.43	<=13	Pass
	680.5	50	0	5.39	<=13	Pass
	693	50	0	5.24	<=13	Pass
16QAM	668	50	0	6.14	<=13	Pass
	680.5	50	0	6.12	<=13	Pass
	693	50	0	5.95	<=13	Pass

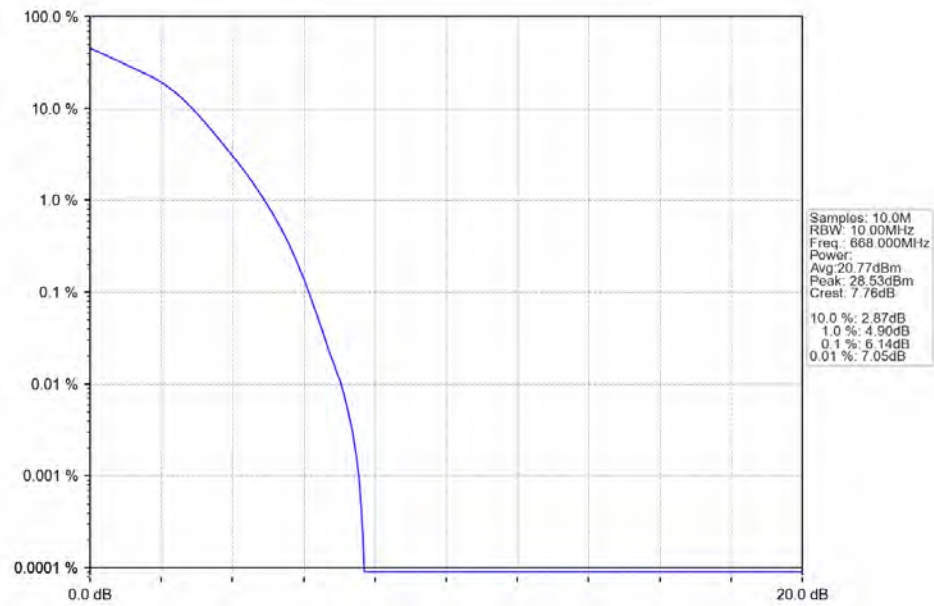
5.2.2 Test Graph



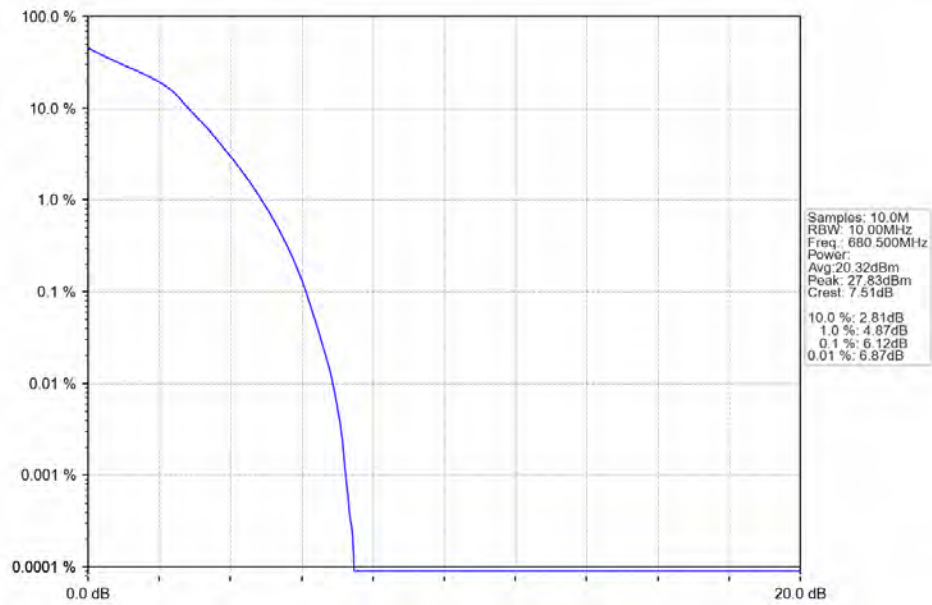
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



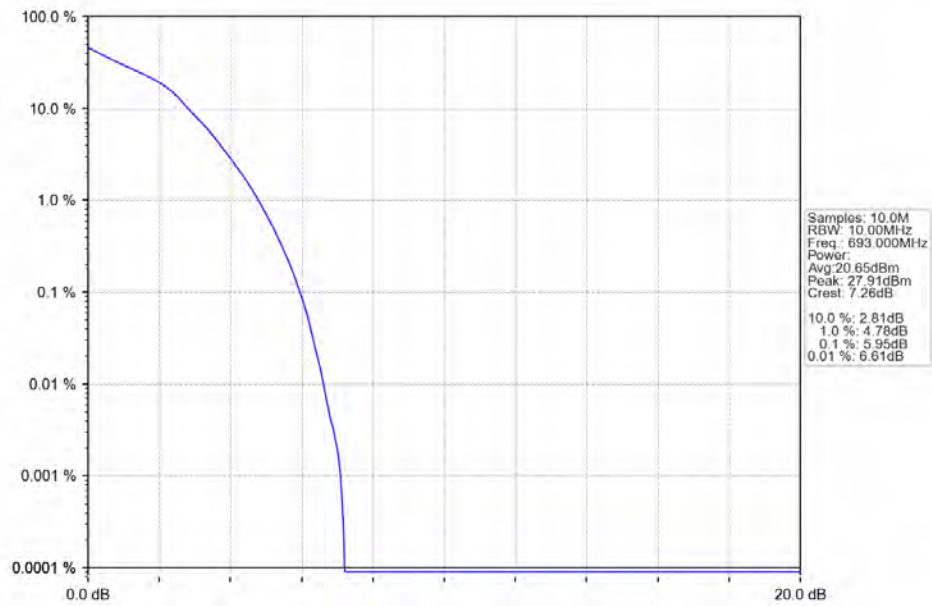
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV

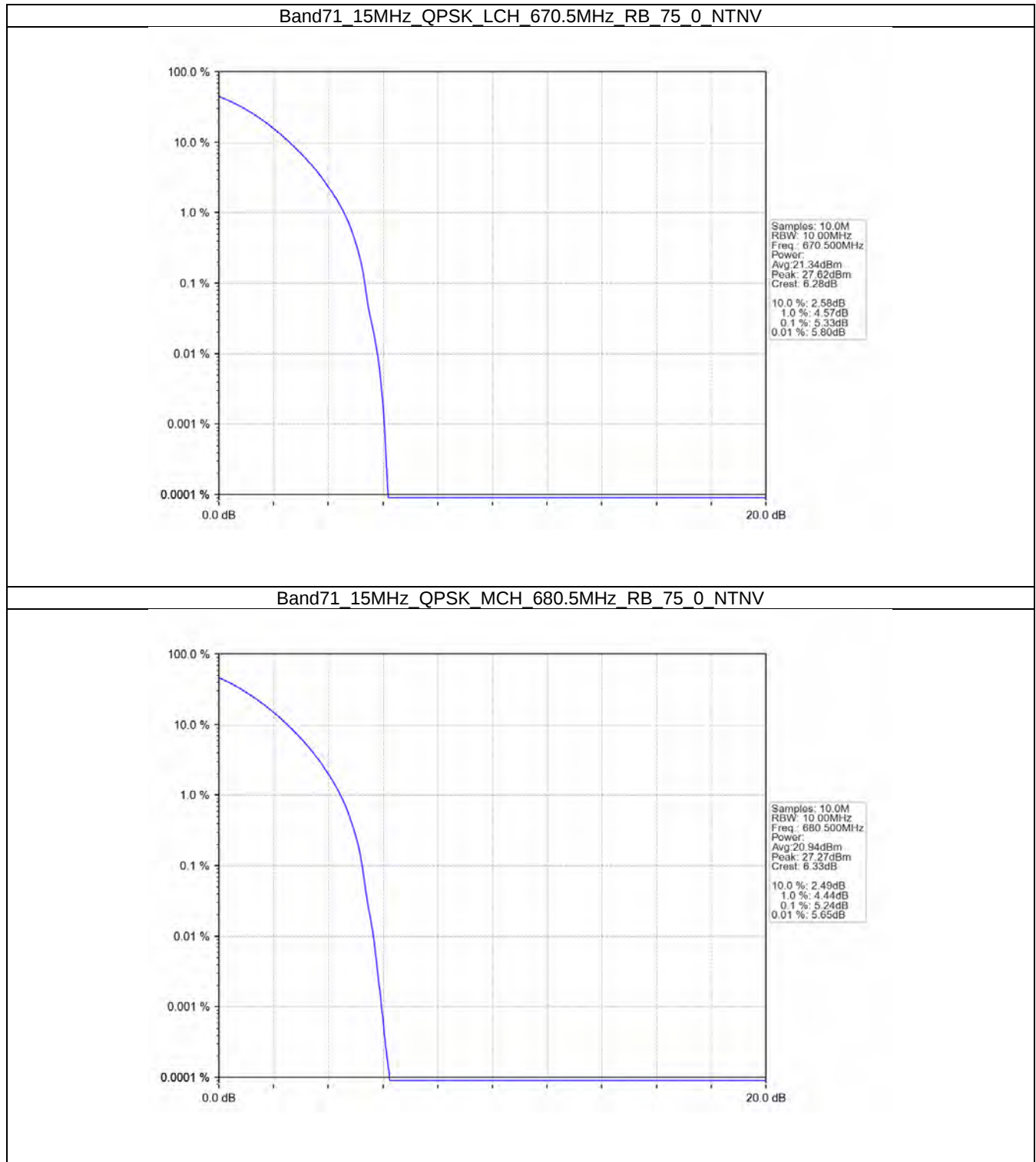


5.3 B71_15MHz

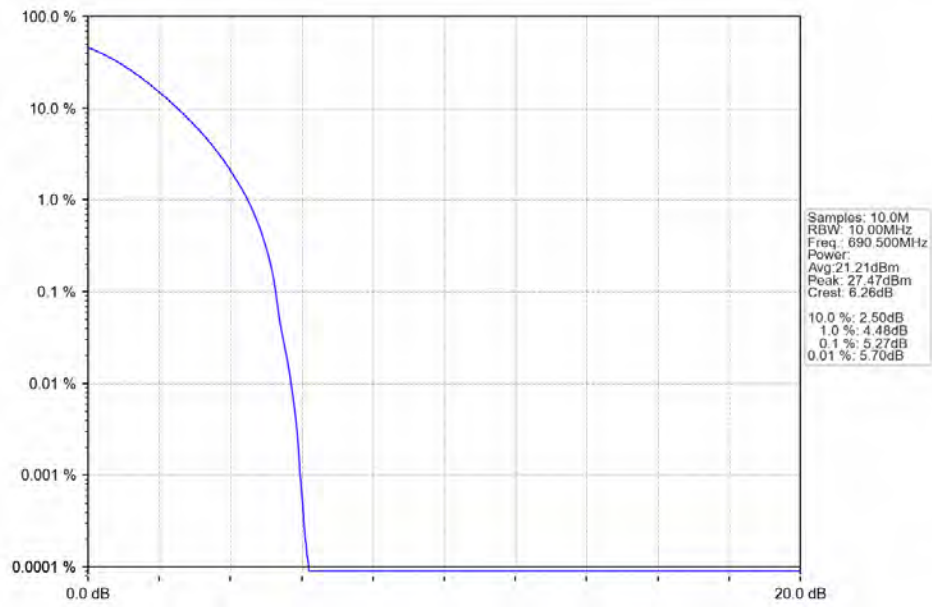
5.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.33	<=13	Pass
	680.5	75	0	5.24	<=13	Pass
	690.5	75	0	5.27	<=13	Pass
16QAM	670.5	75	0	6.11	<=13	Pass
	680.5	75	0	6.04	<=13	Pass
	690.5	75	0	6.02	<=13	Pass

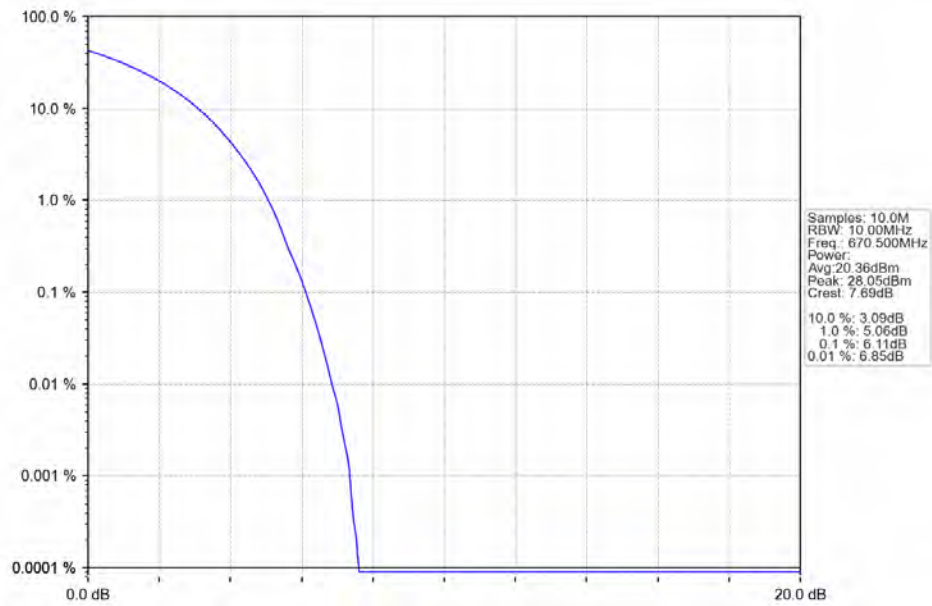
5.3.2 Test Graph



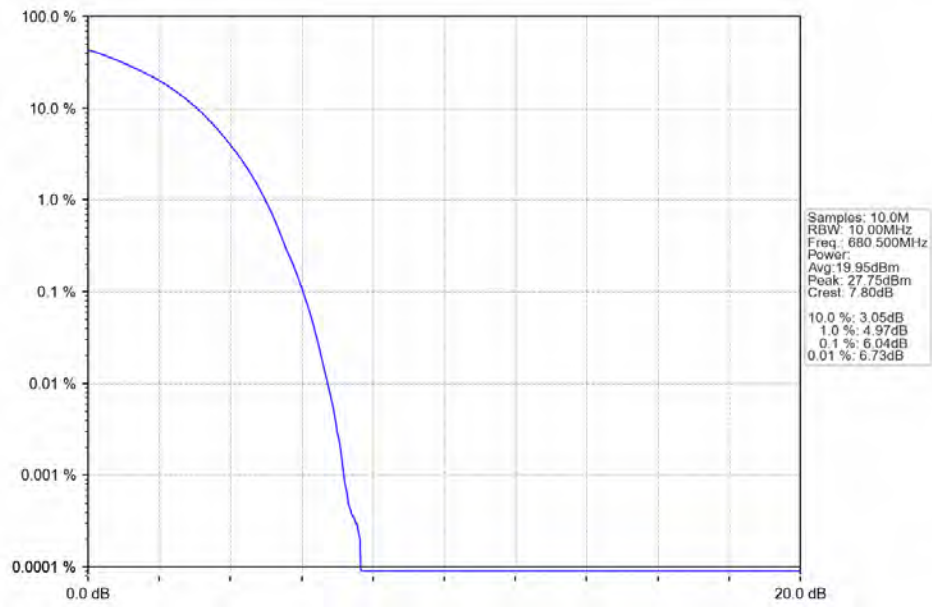
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



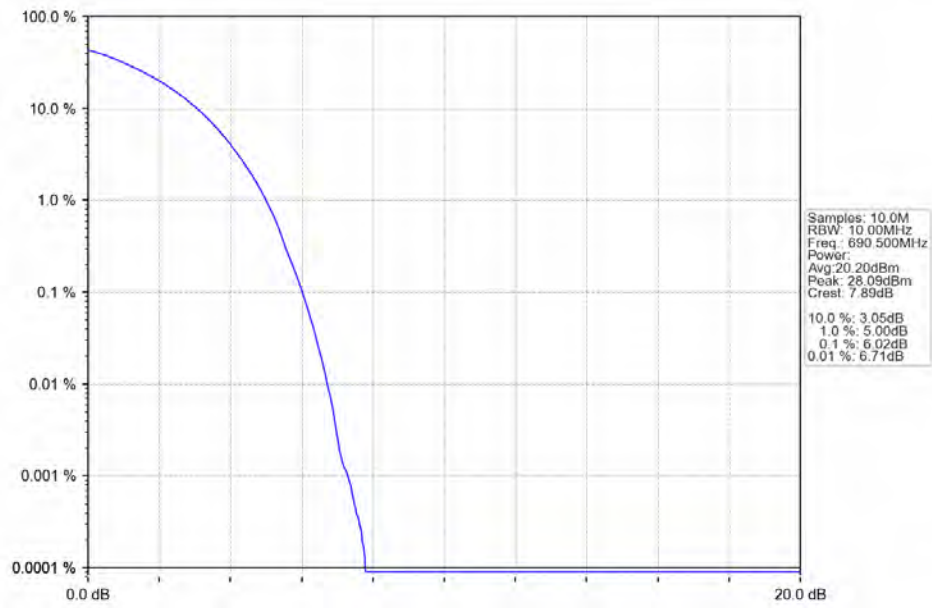
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV

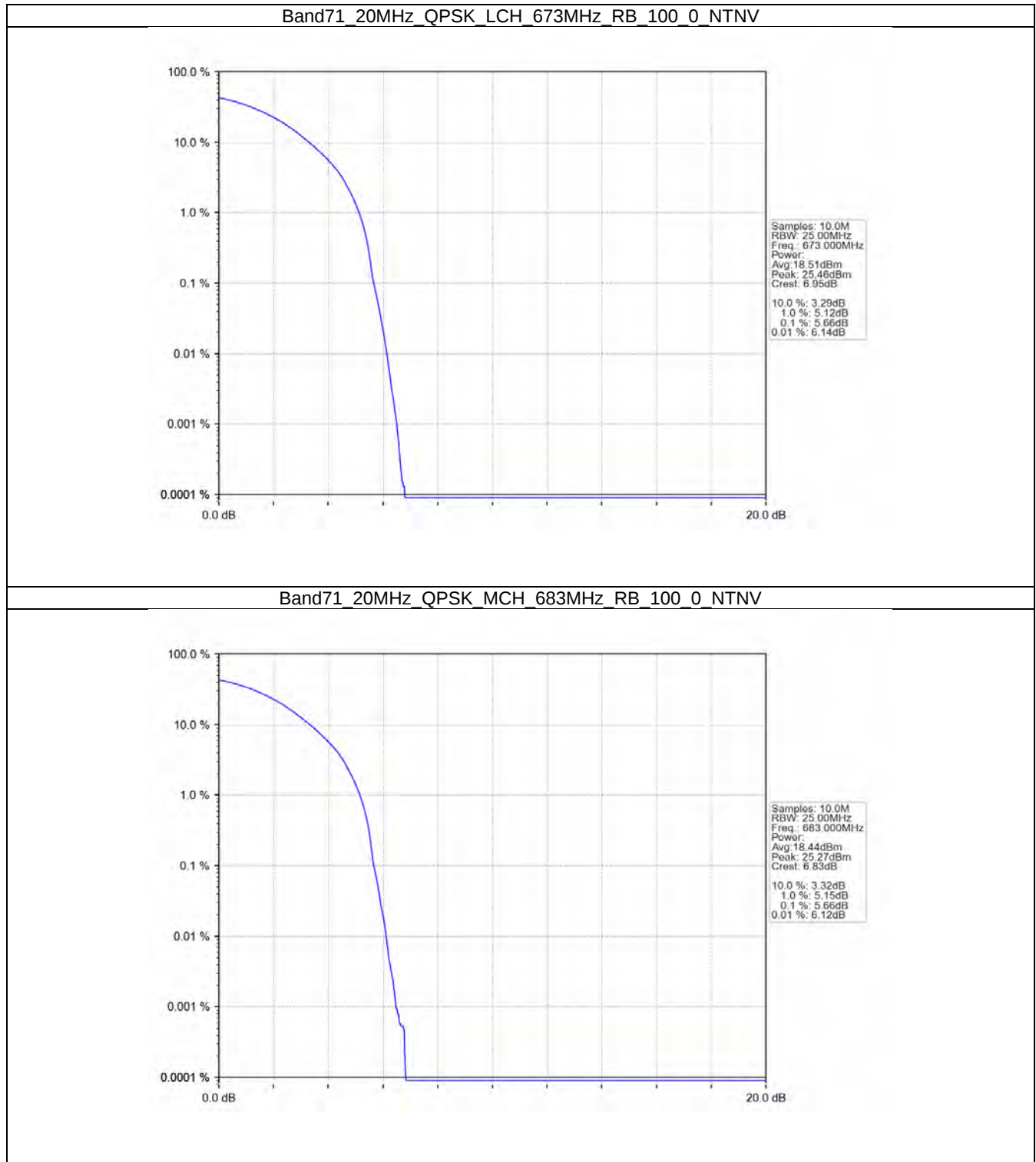


5.4 B71_20MHz

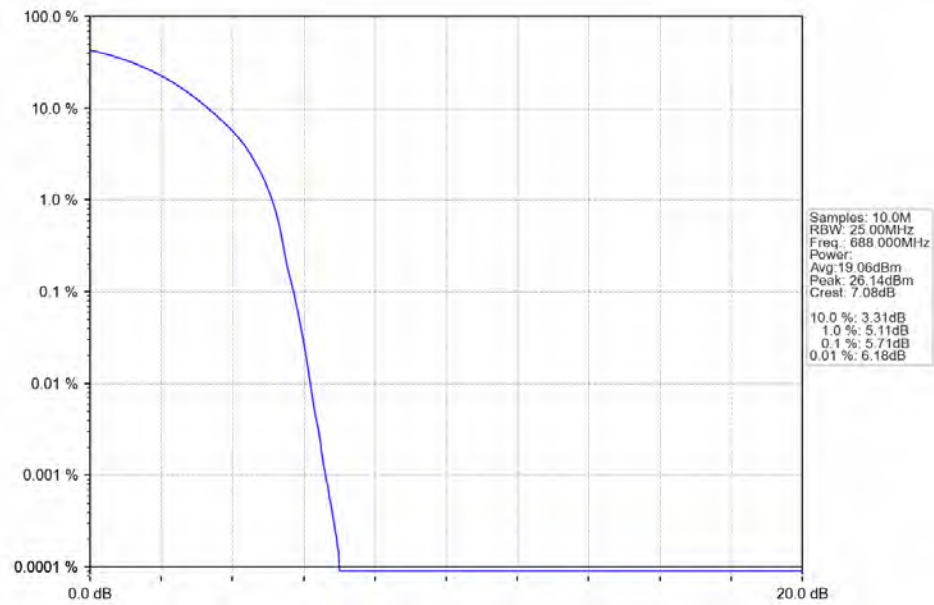
5.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.66	<=13	Pass
	683	100	0	5.66	<=13	Pass
	688	100	0	5.71	<=13	Pass
16QAM	673	100	0	6.70	<=13	Pass
	683	100	0	6.71	<=13	Pass
	688	100	0	6.72	<=13	Pass

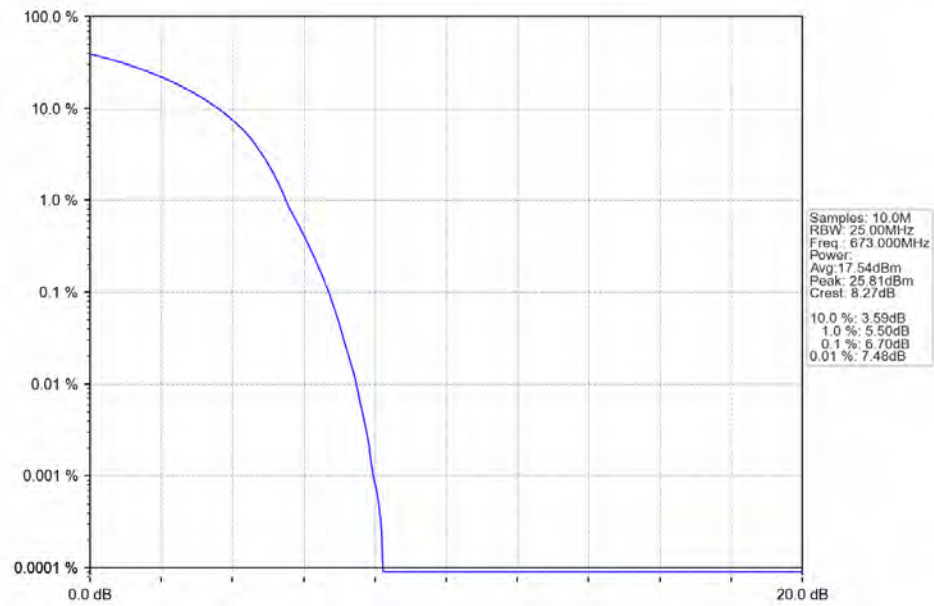
5.4.2 Test Graph



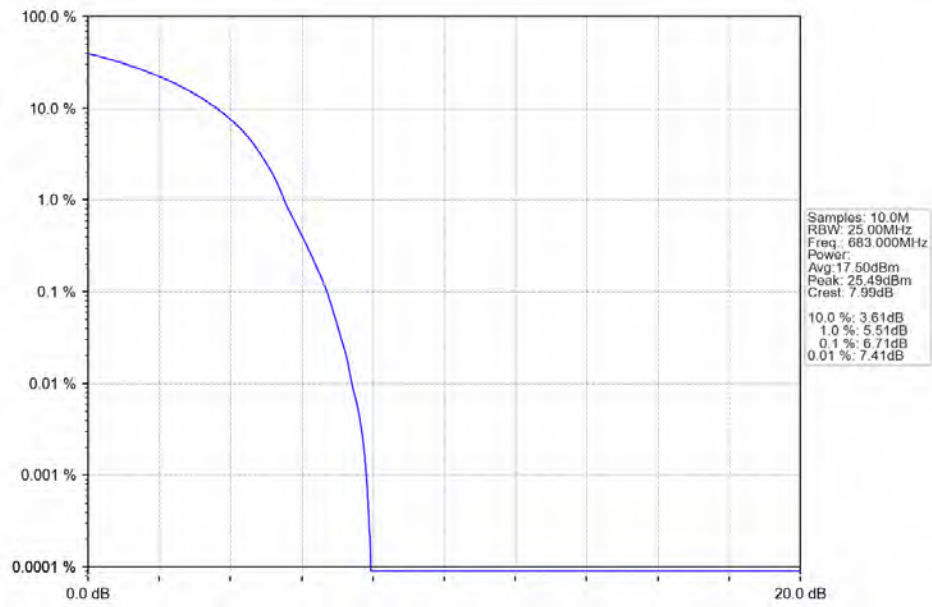
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



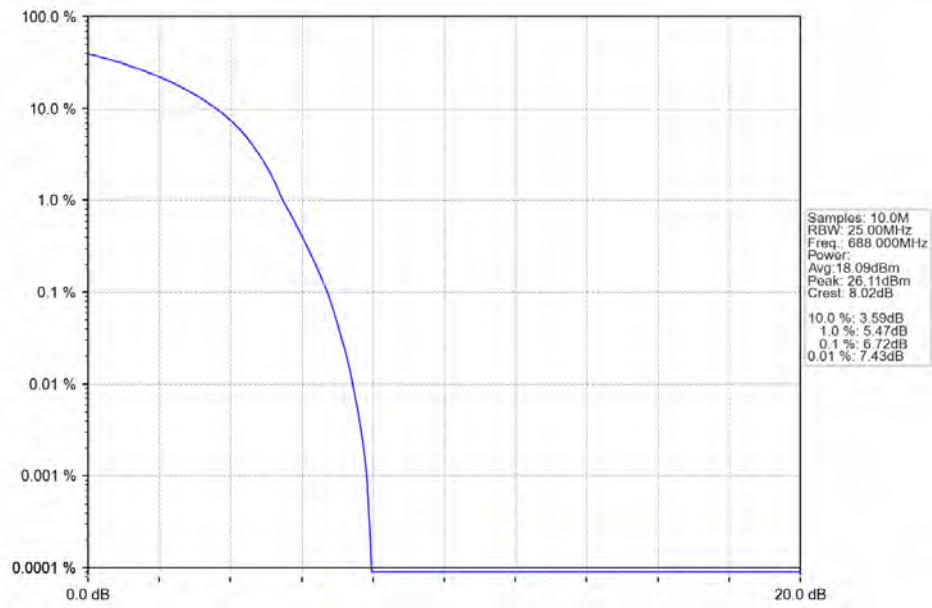
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



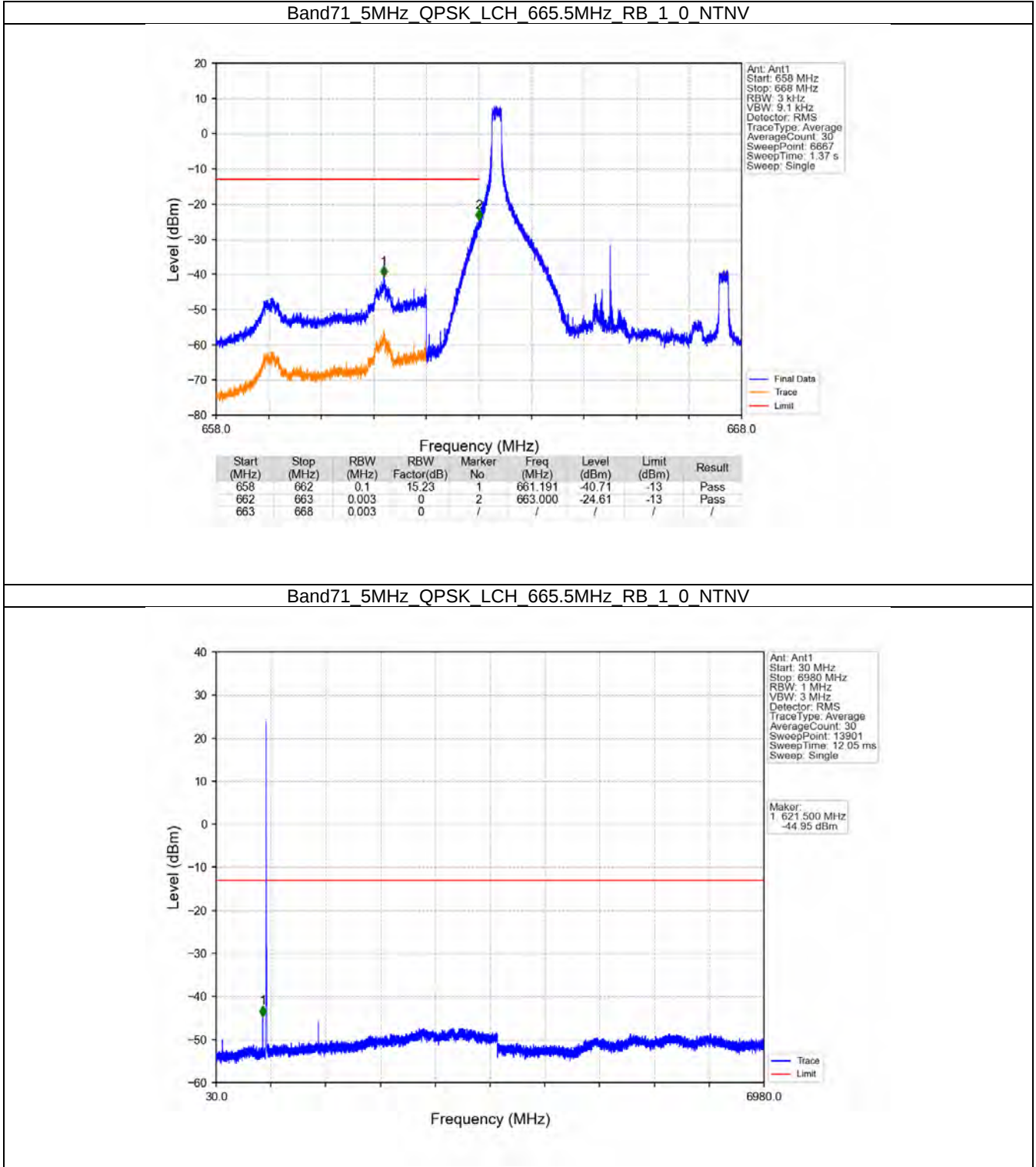
6. Spurious Emission

6.1 B71_5MHz

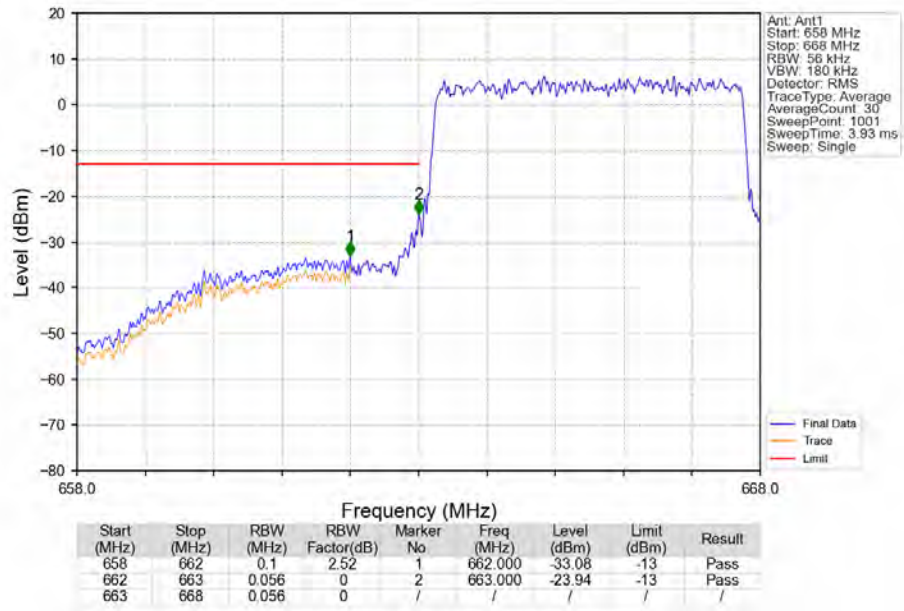
6.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

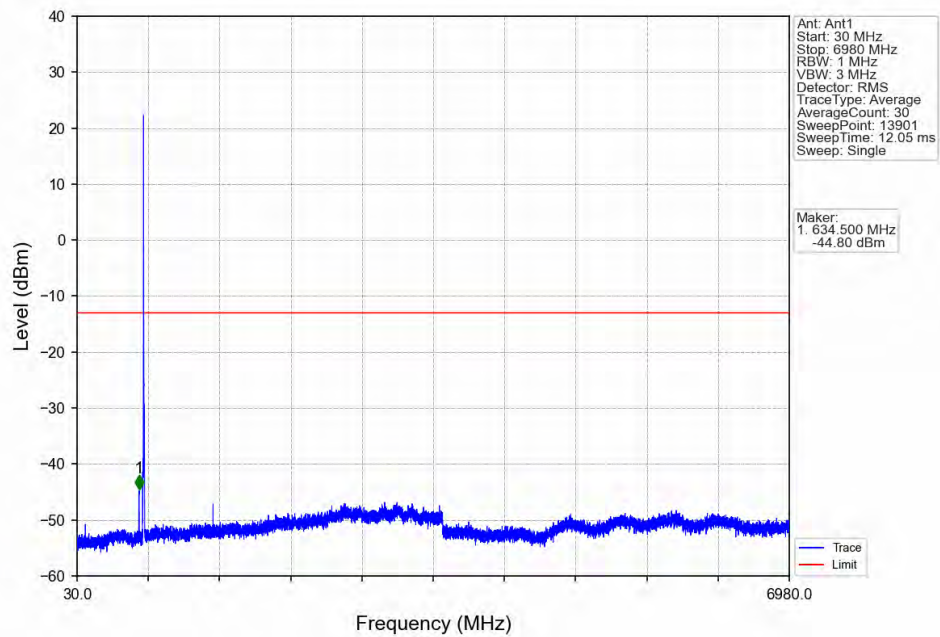
6.1.2 Test Graph



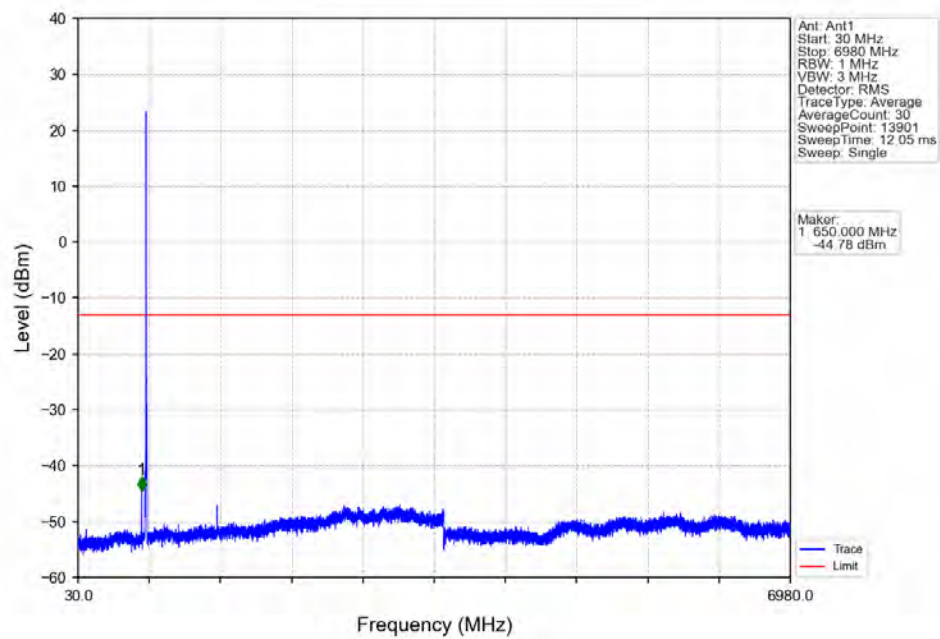
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



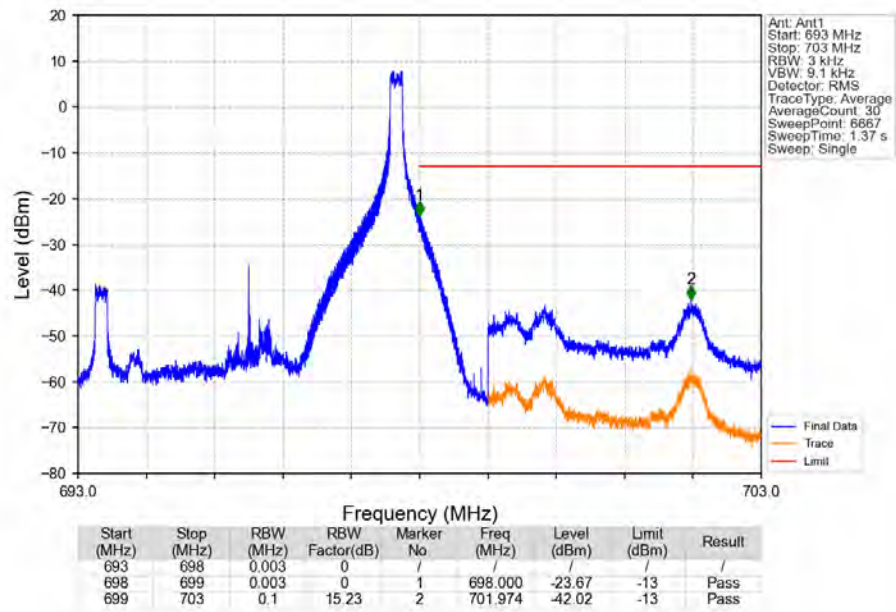
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



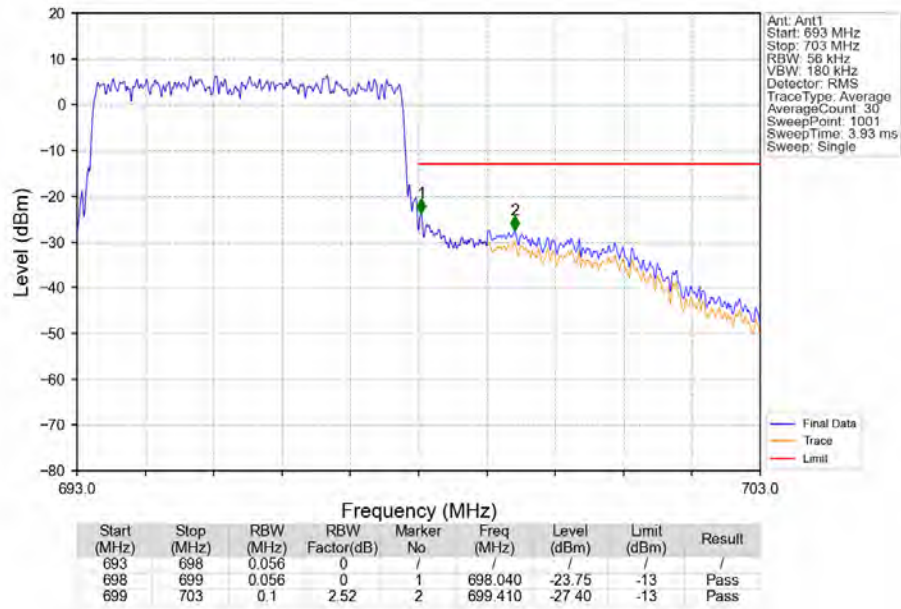
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV



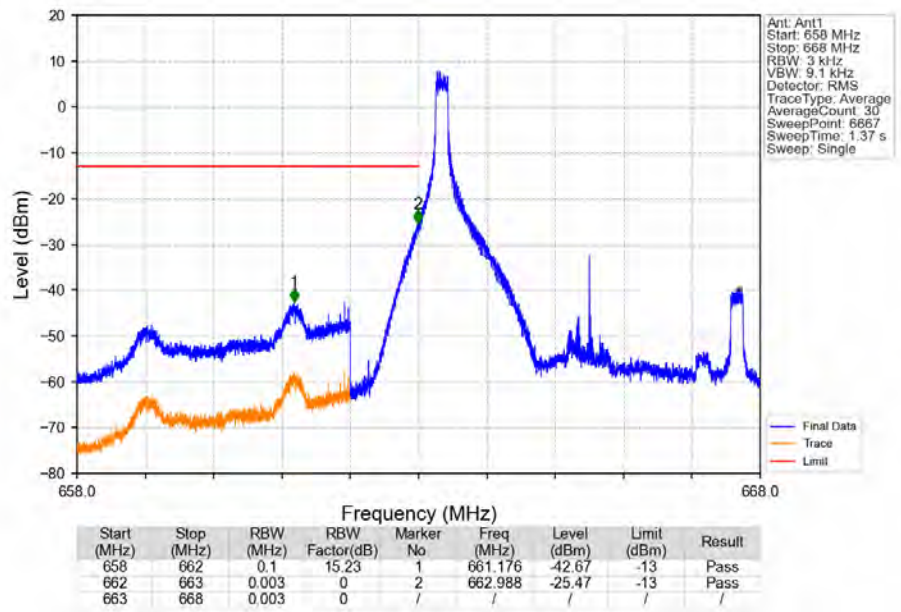
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



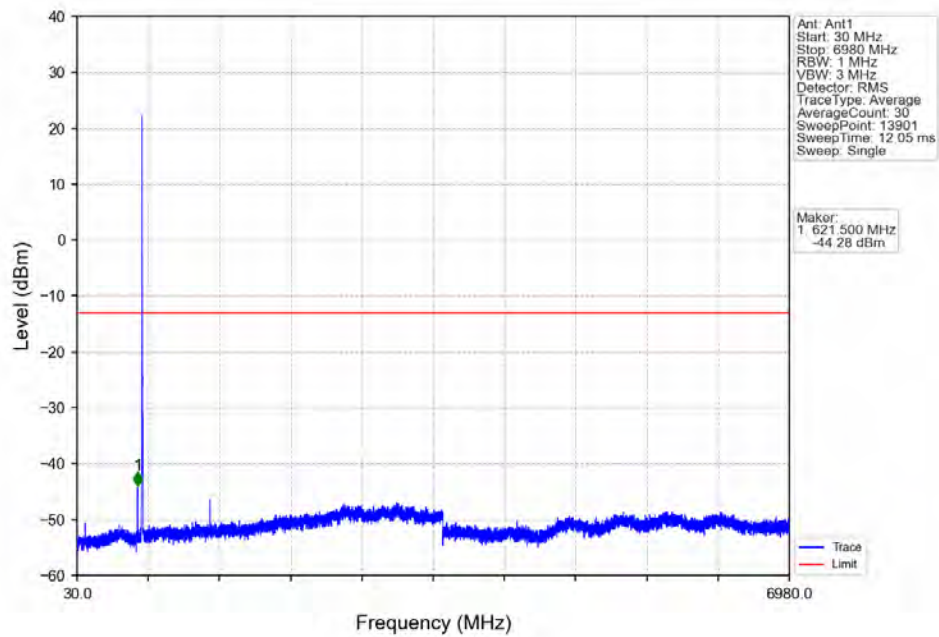
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



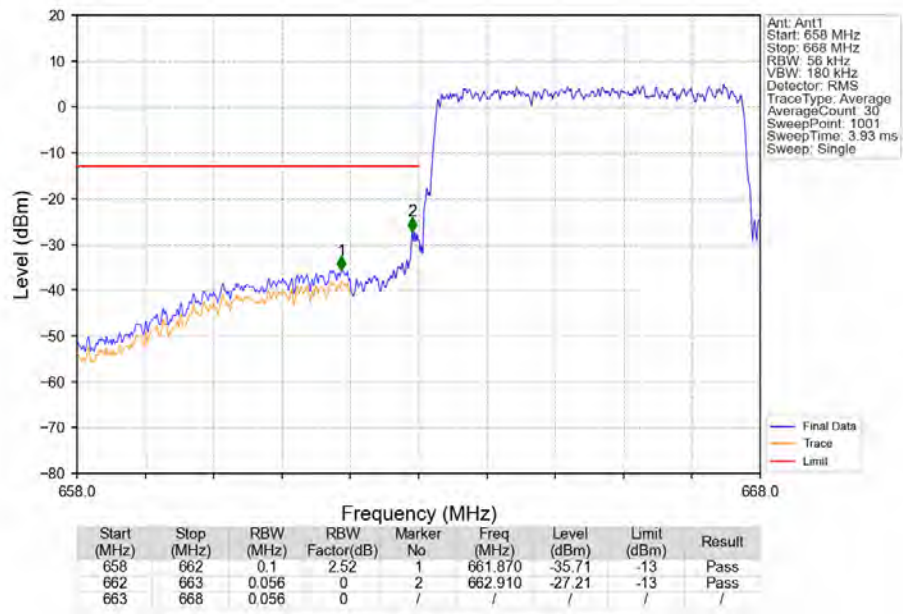
Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV



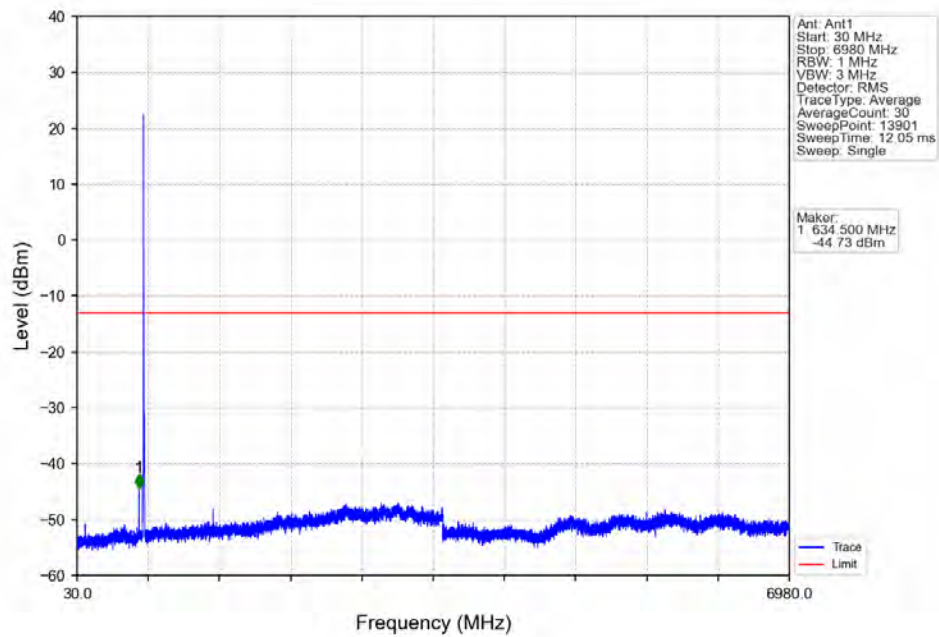
Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV



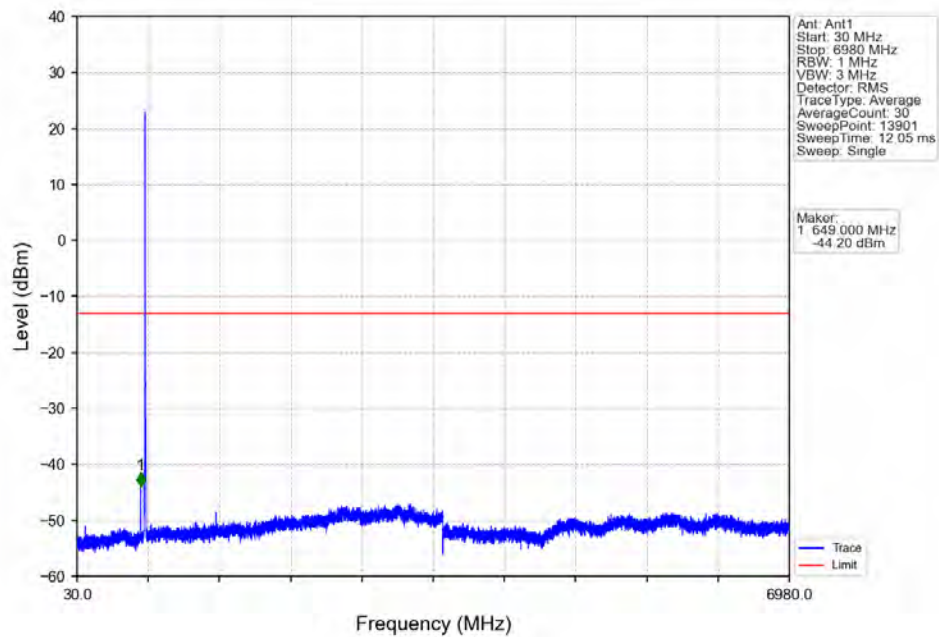
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



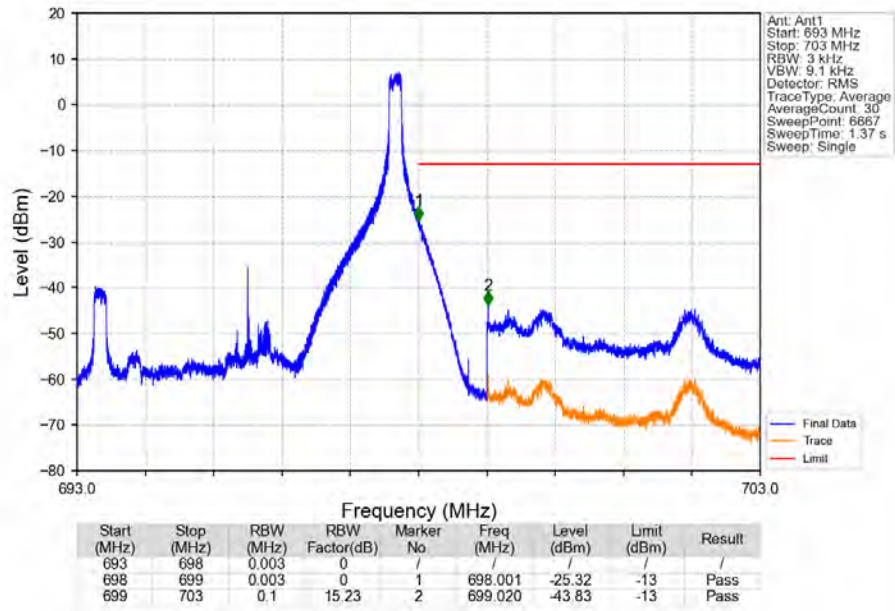
Band71_5MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



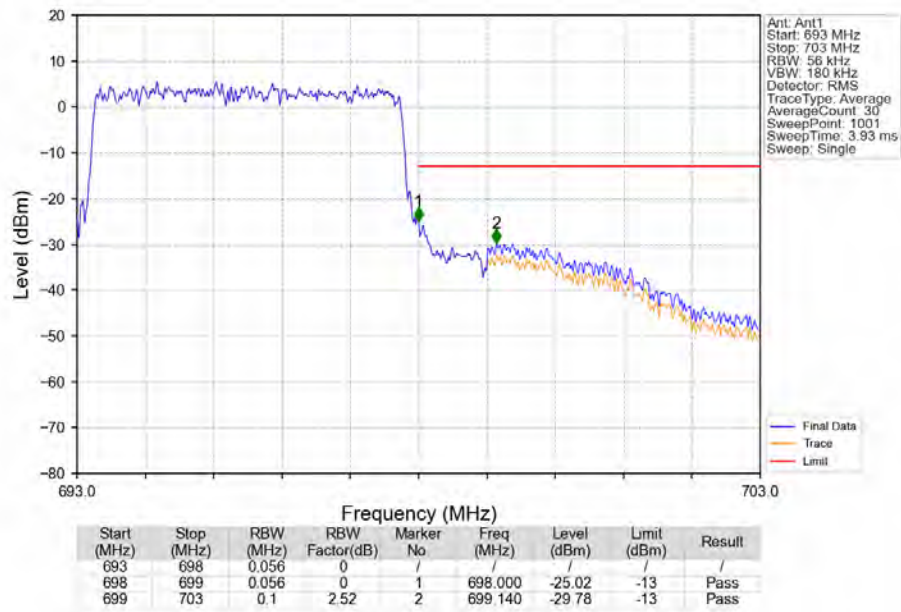
Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_24_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV

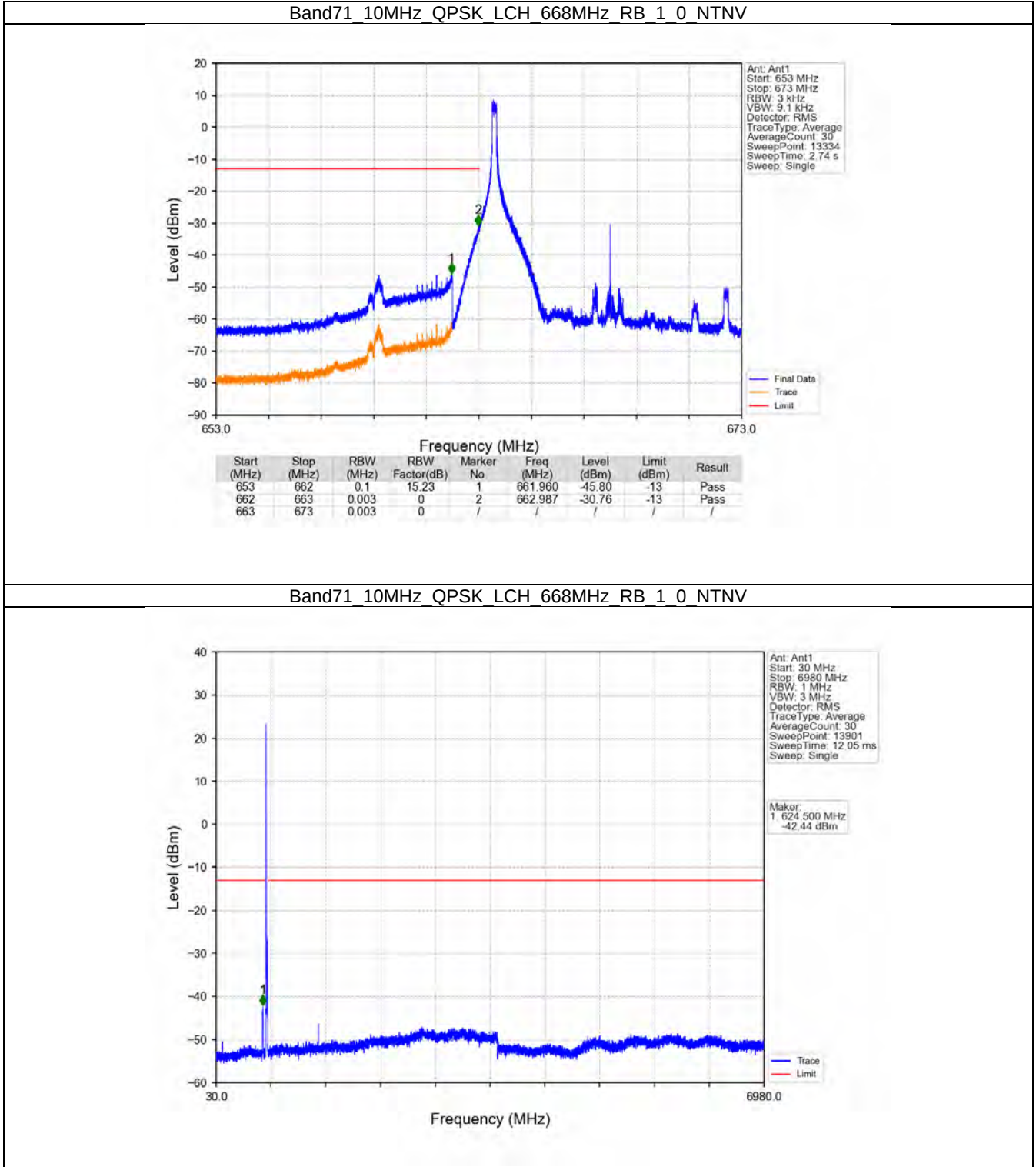


6.2 B71_10MHz

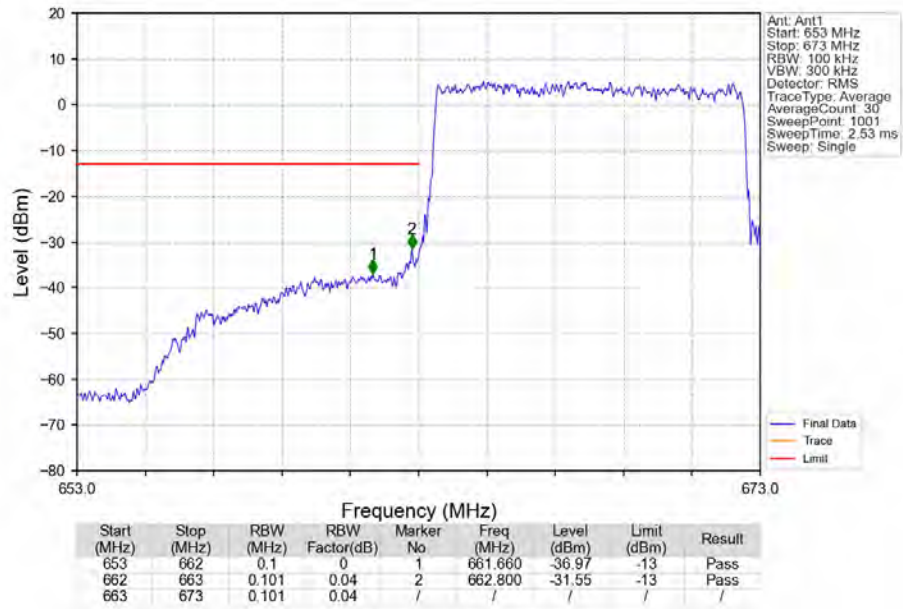
6.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTVN						
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

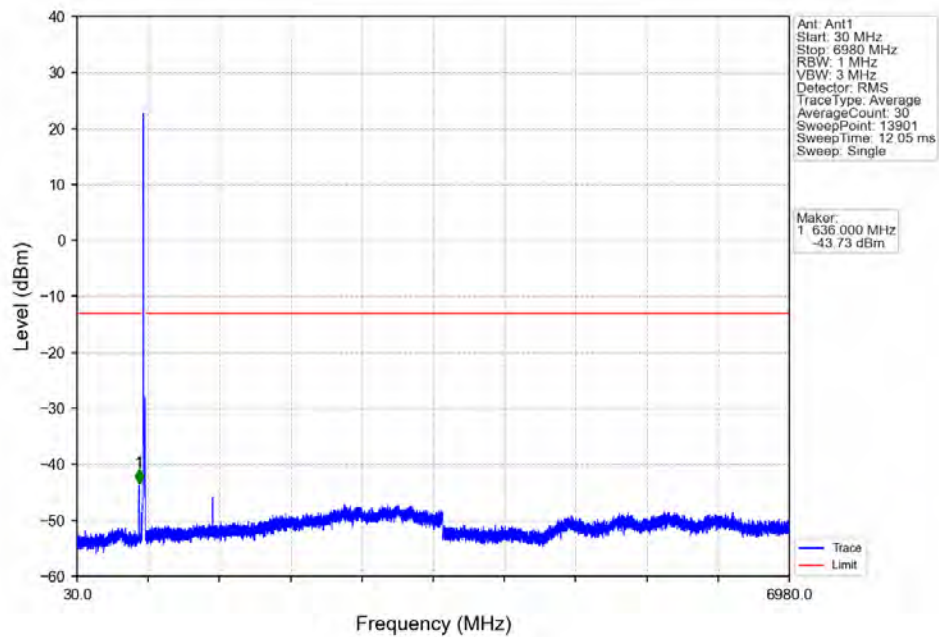
6.2.2 Test Graph



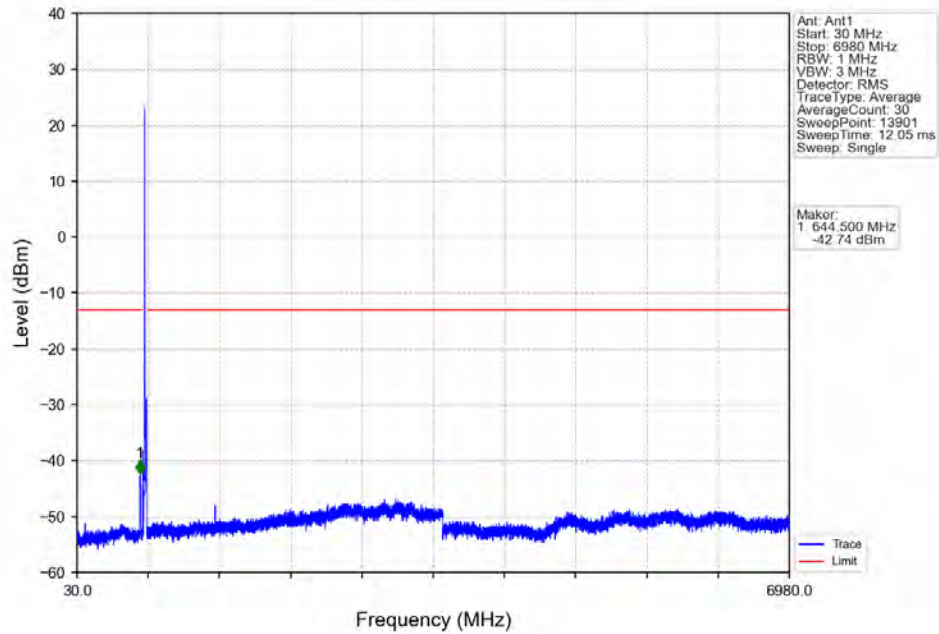
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



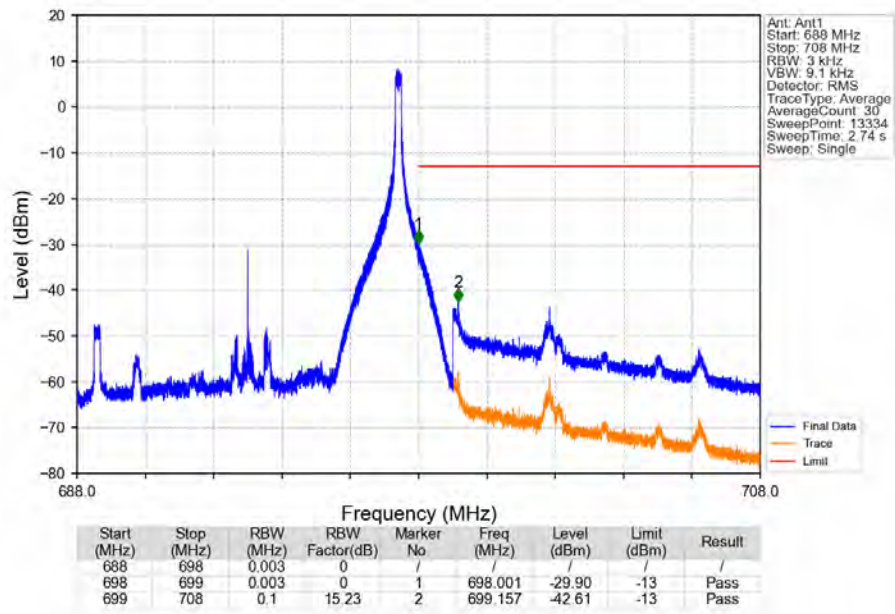
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



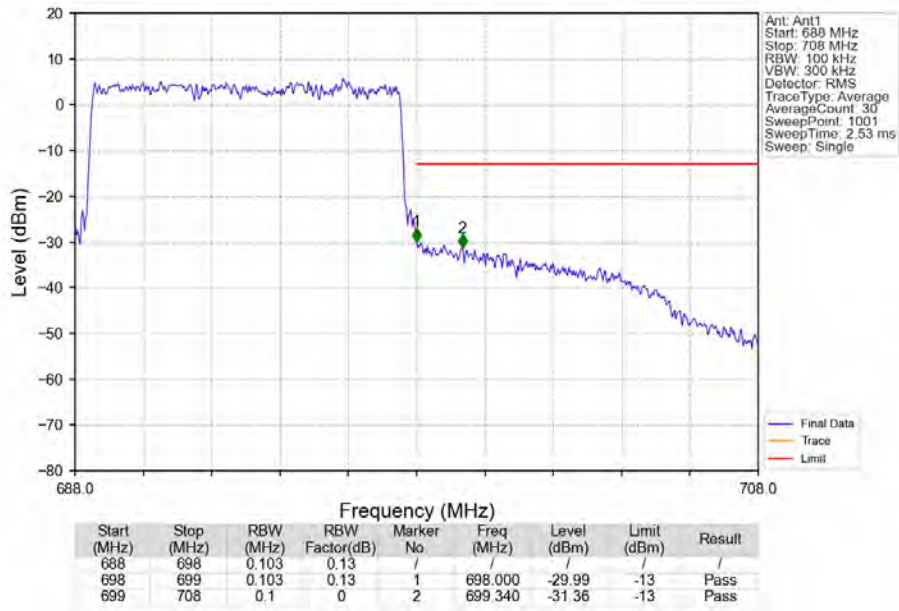
Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV



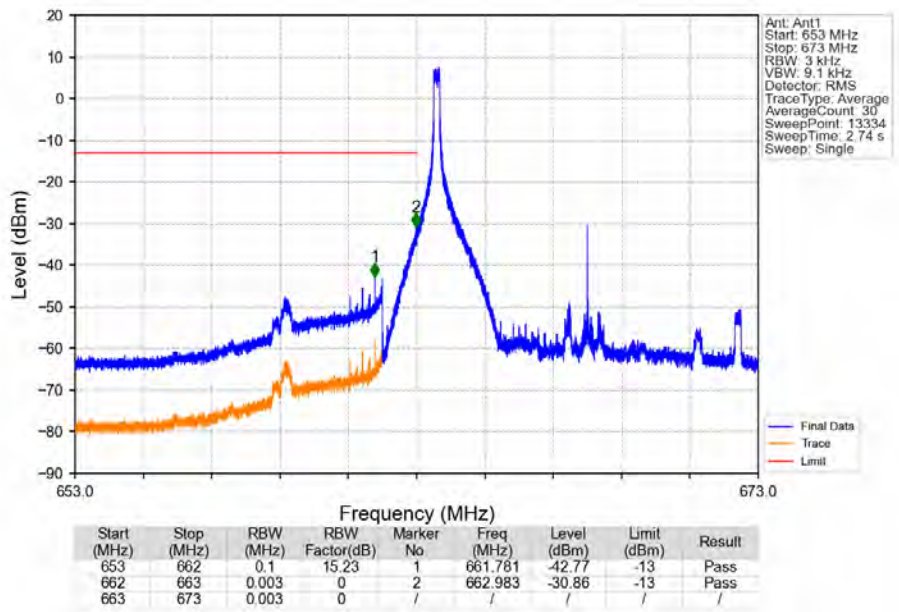
Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



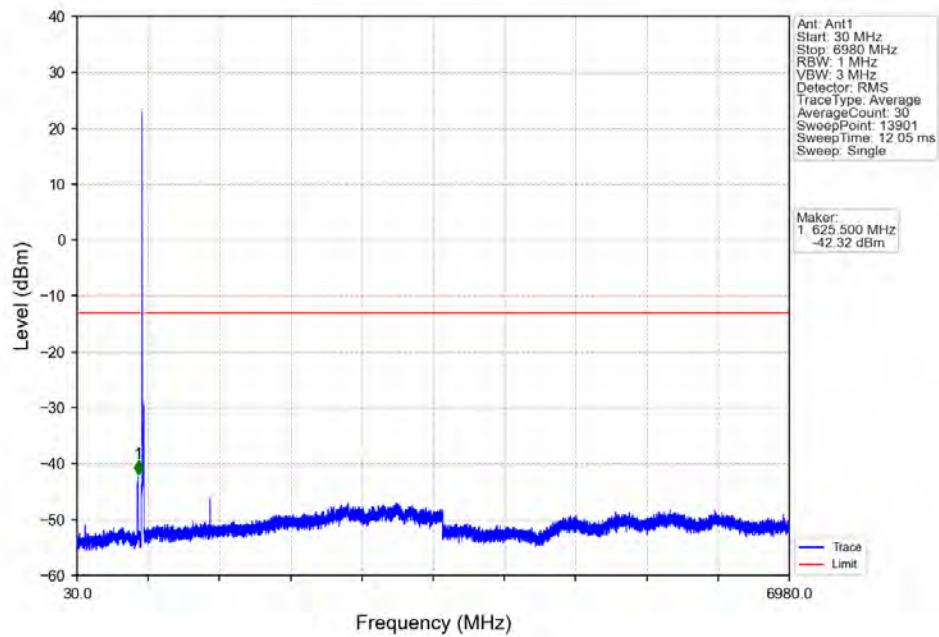
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



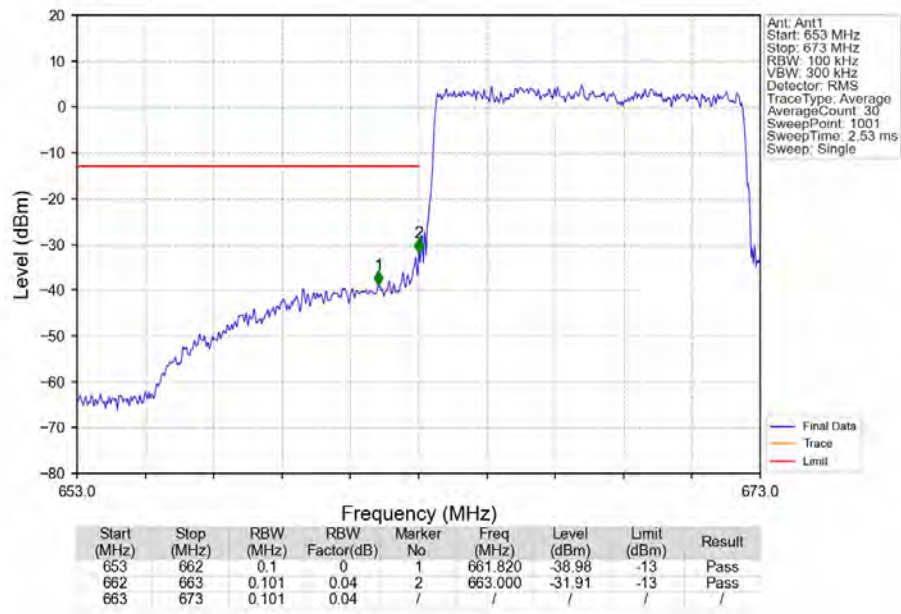
Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV



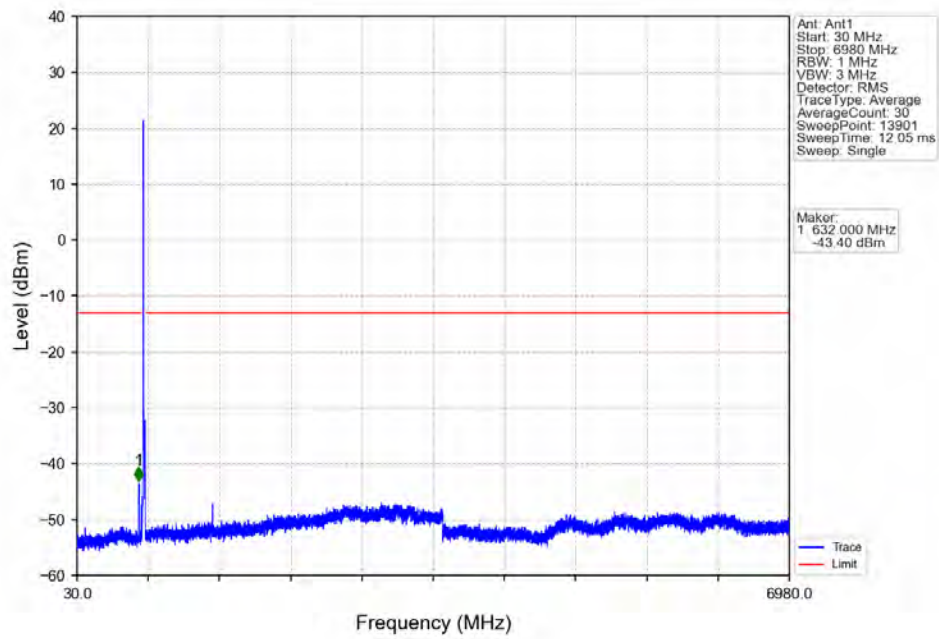
Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV



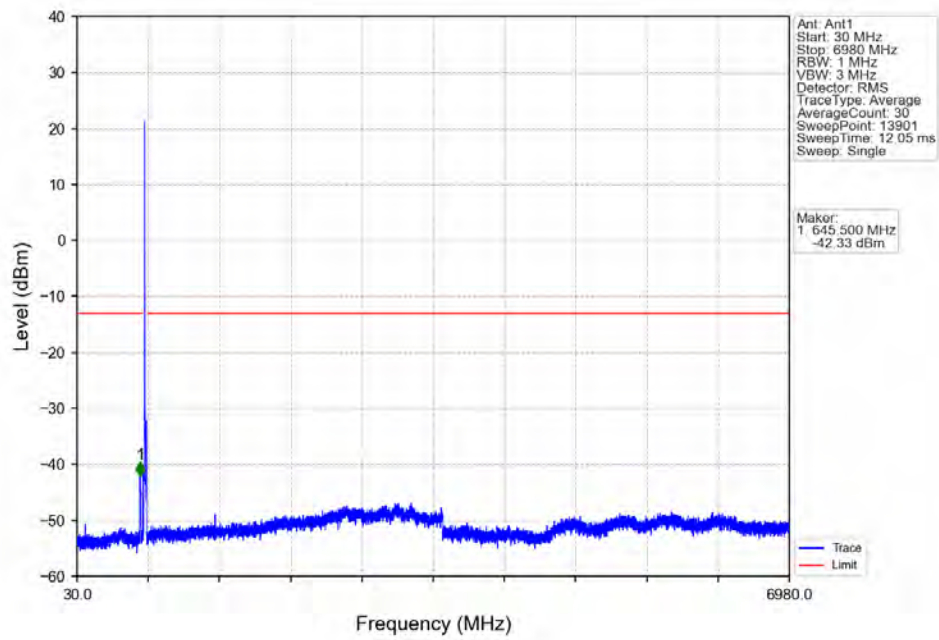
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



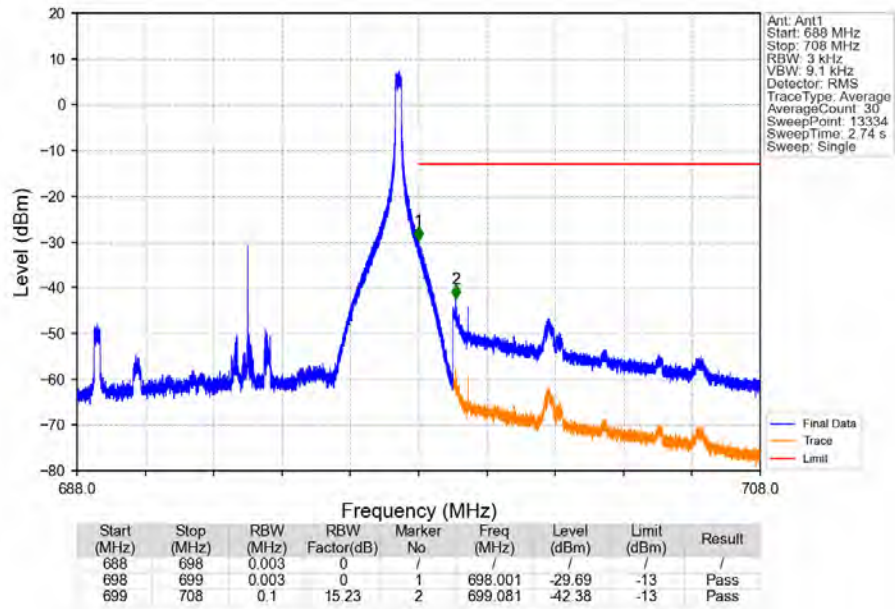
Band71_10MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



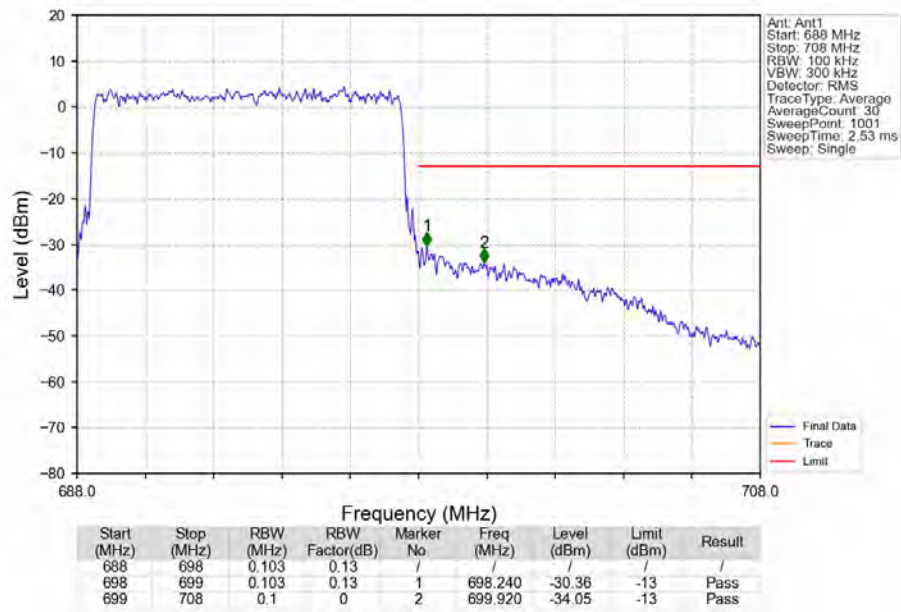
Band71_10MHz_16QAM_HCH_693MHz_RB_1_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_1_49_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV

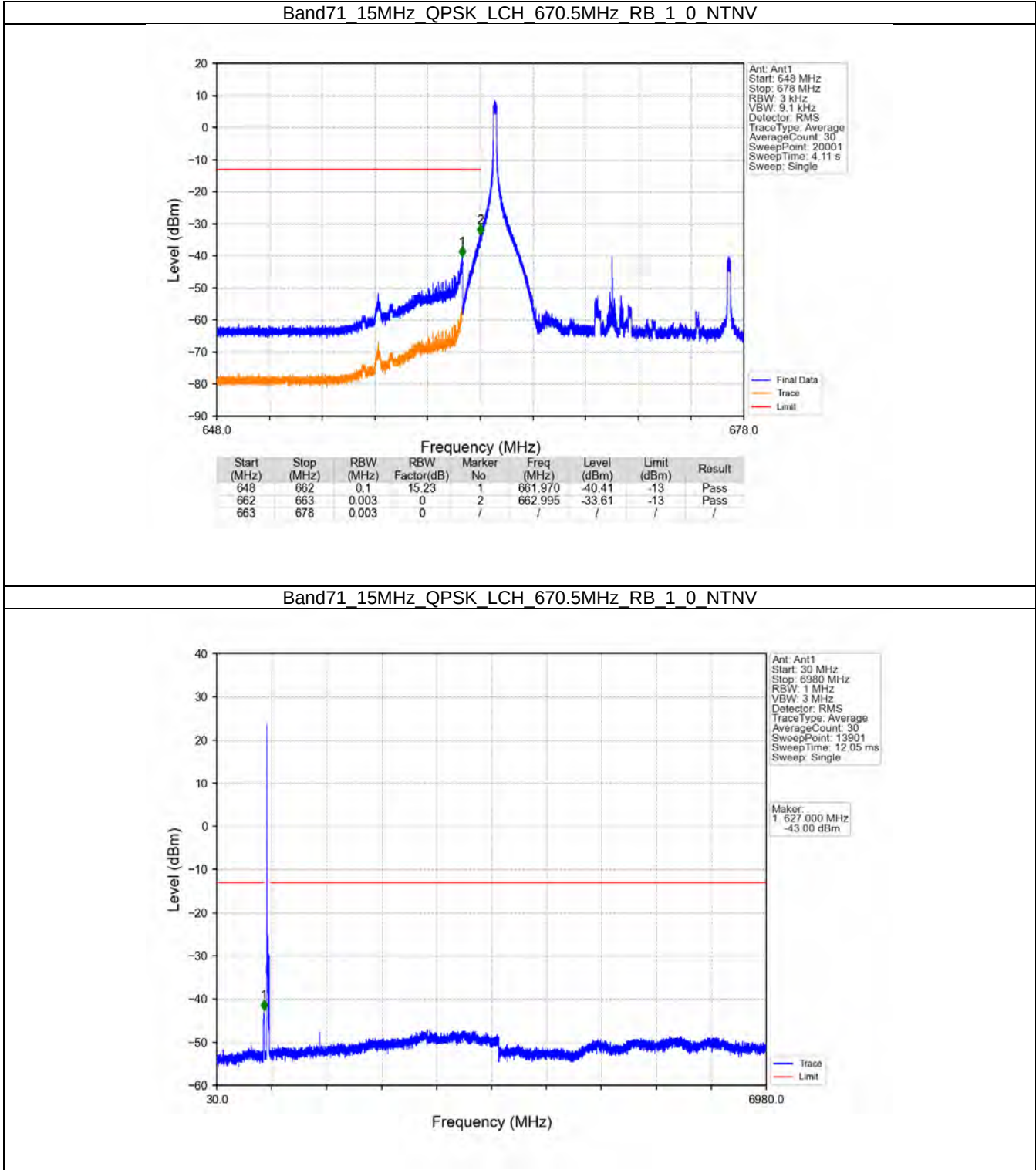


6.3 B71_15MHz

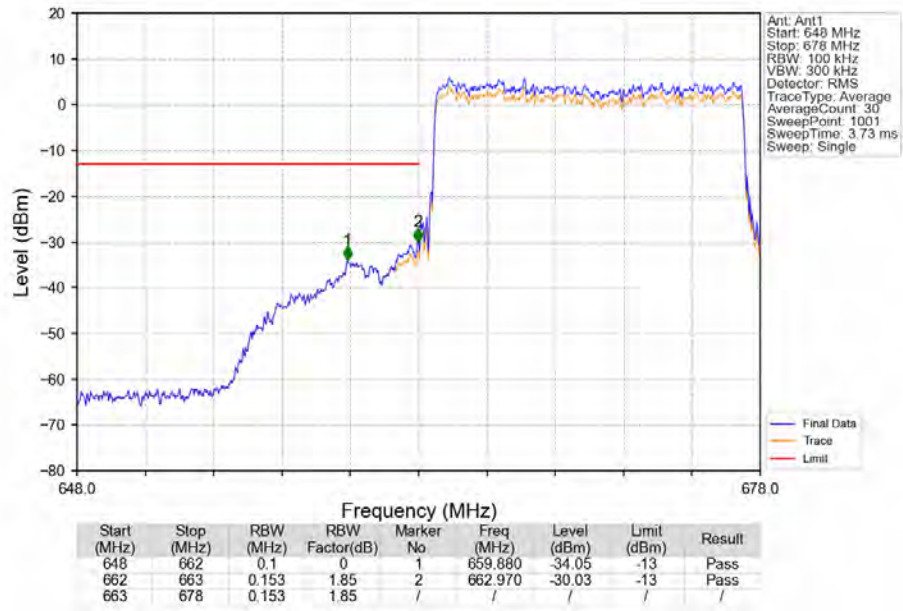
6.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

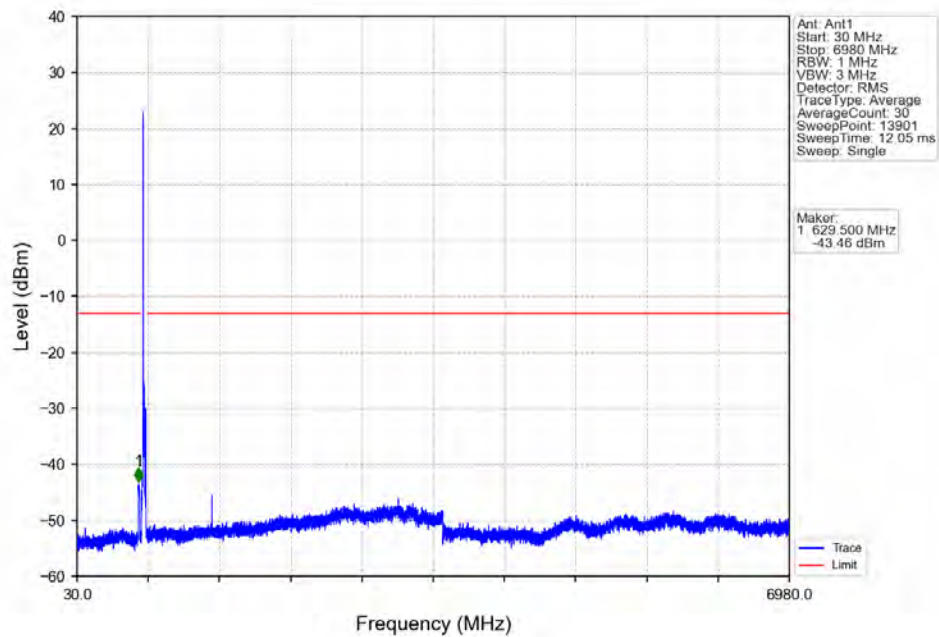
6.3.2 Test Graph



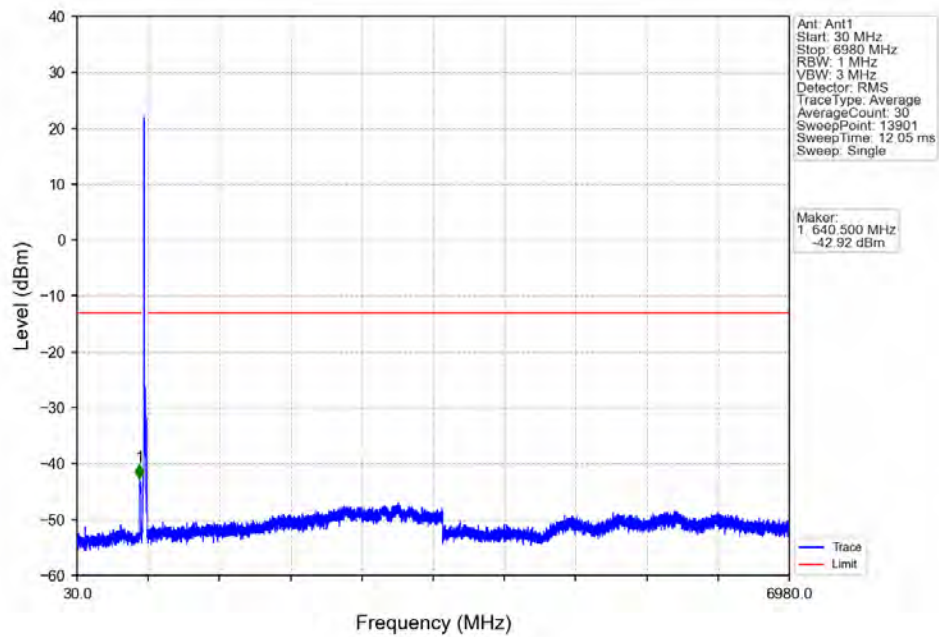
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



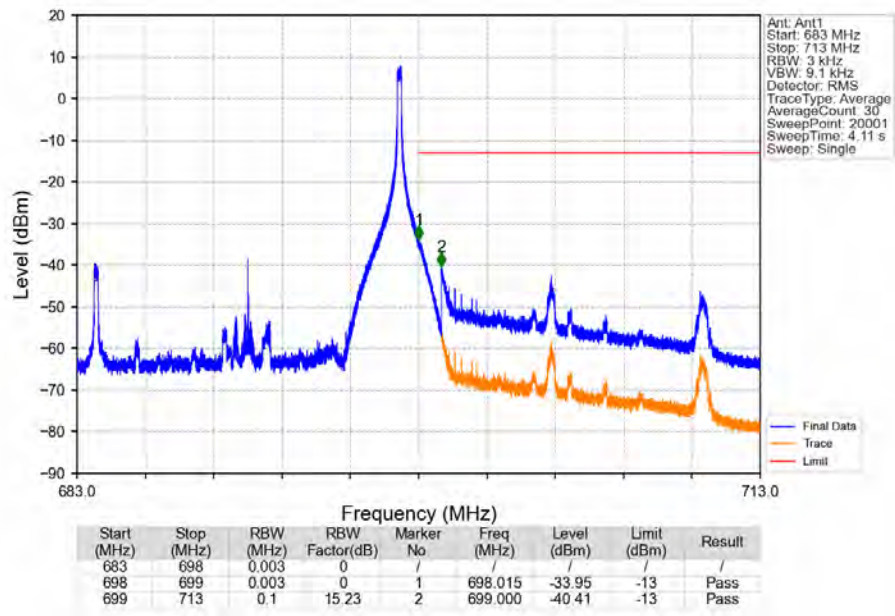
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



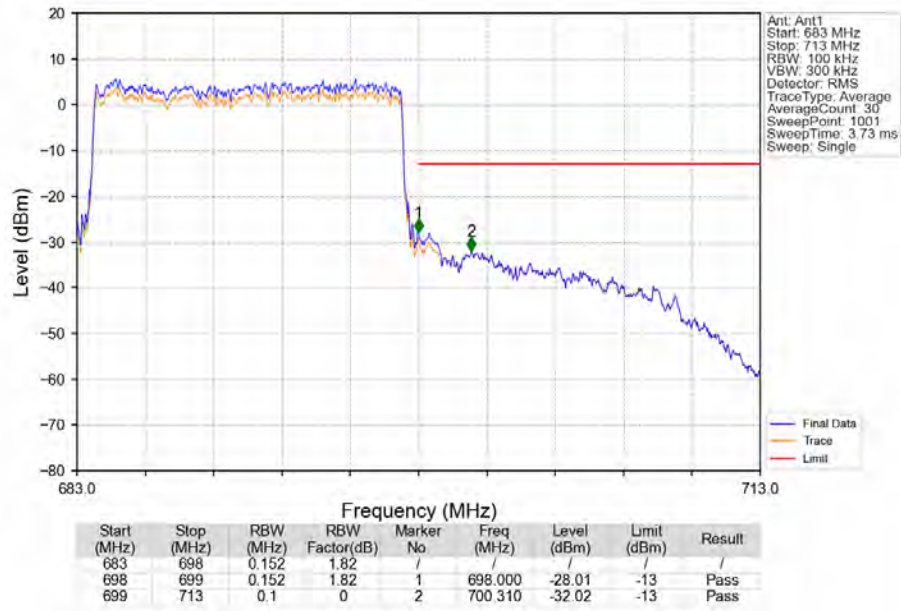
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



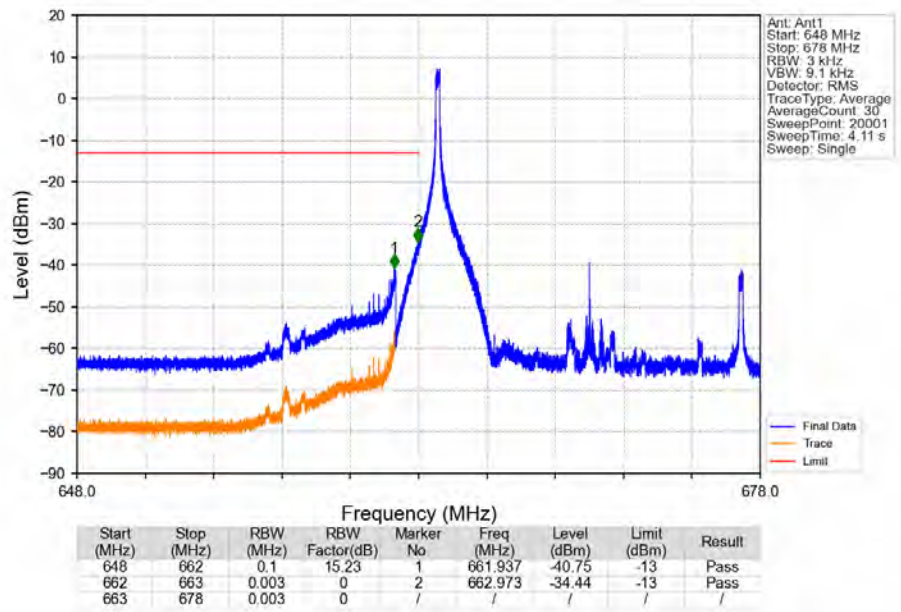
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



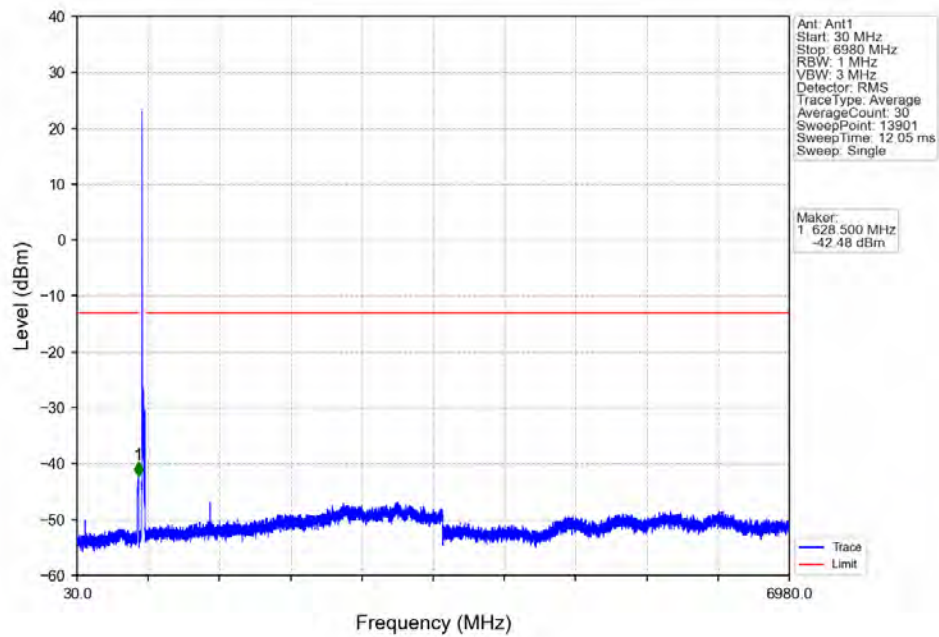
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



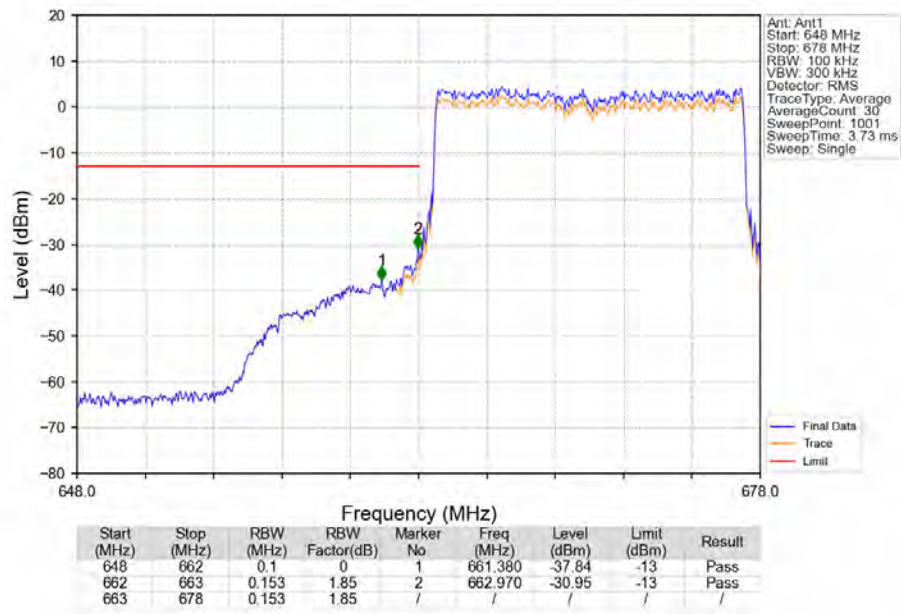
Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV



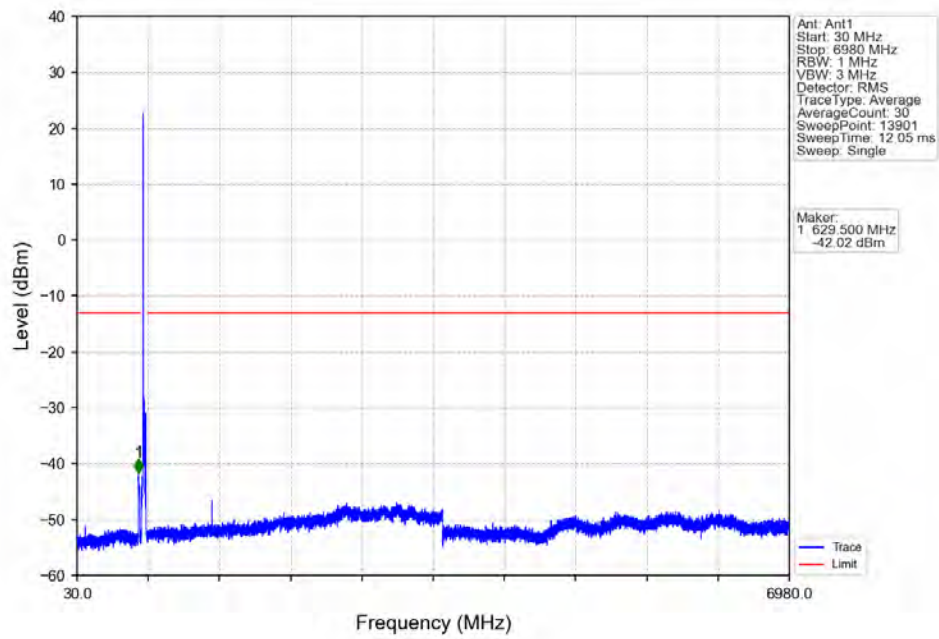
Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV



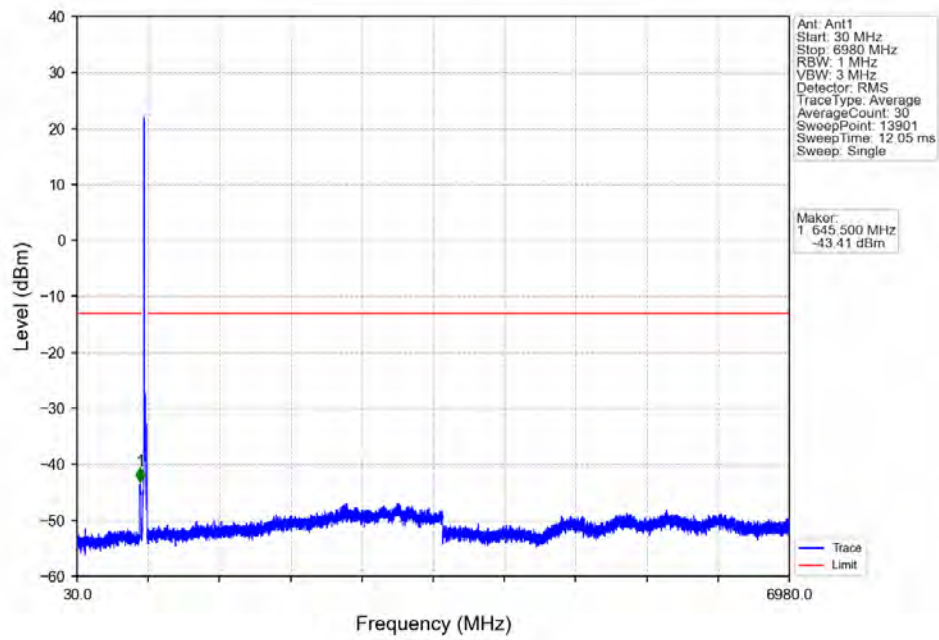
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



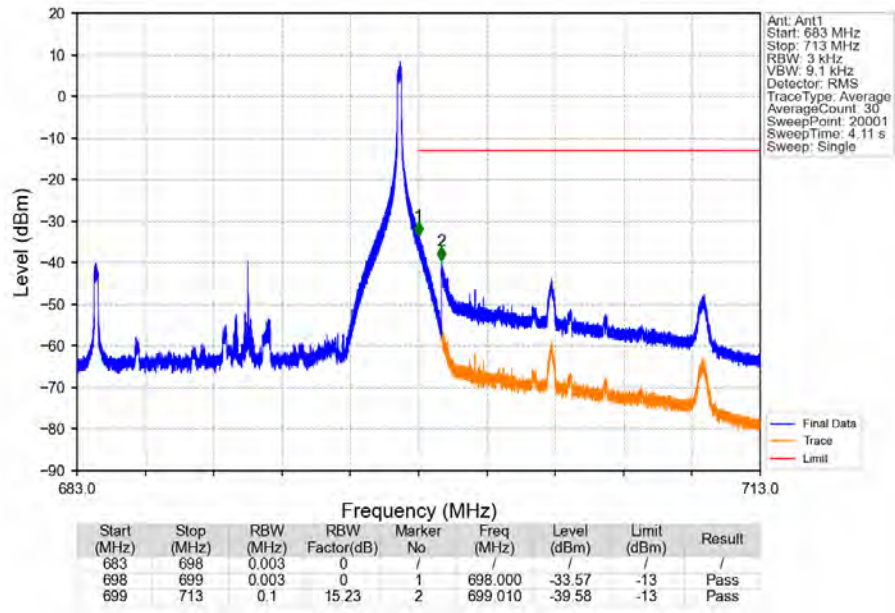
Band71_15MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



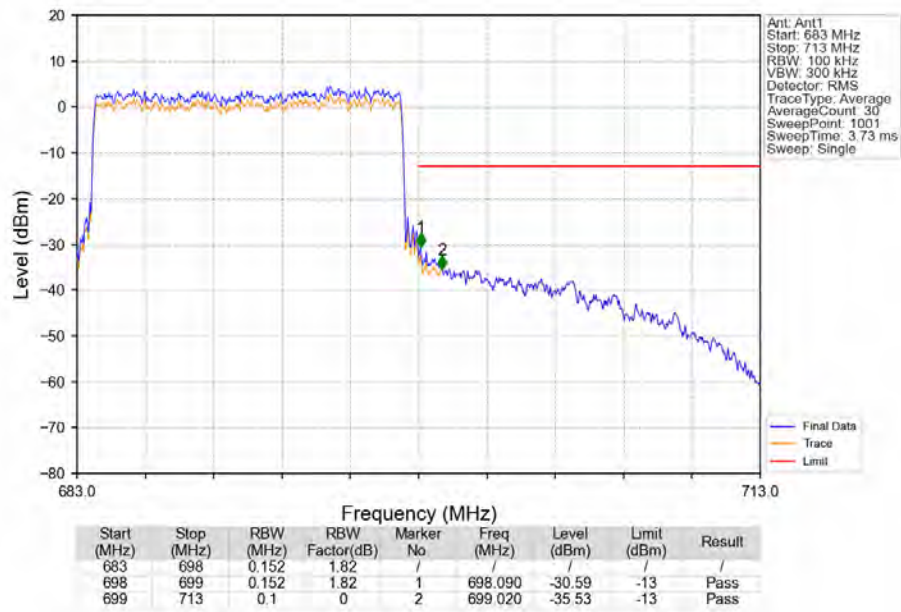
Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_74_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV

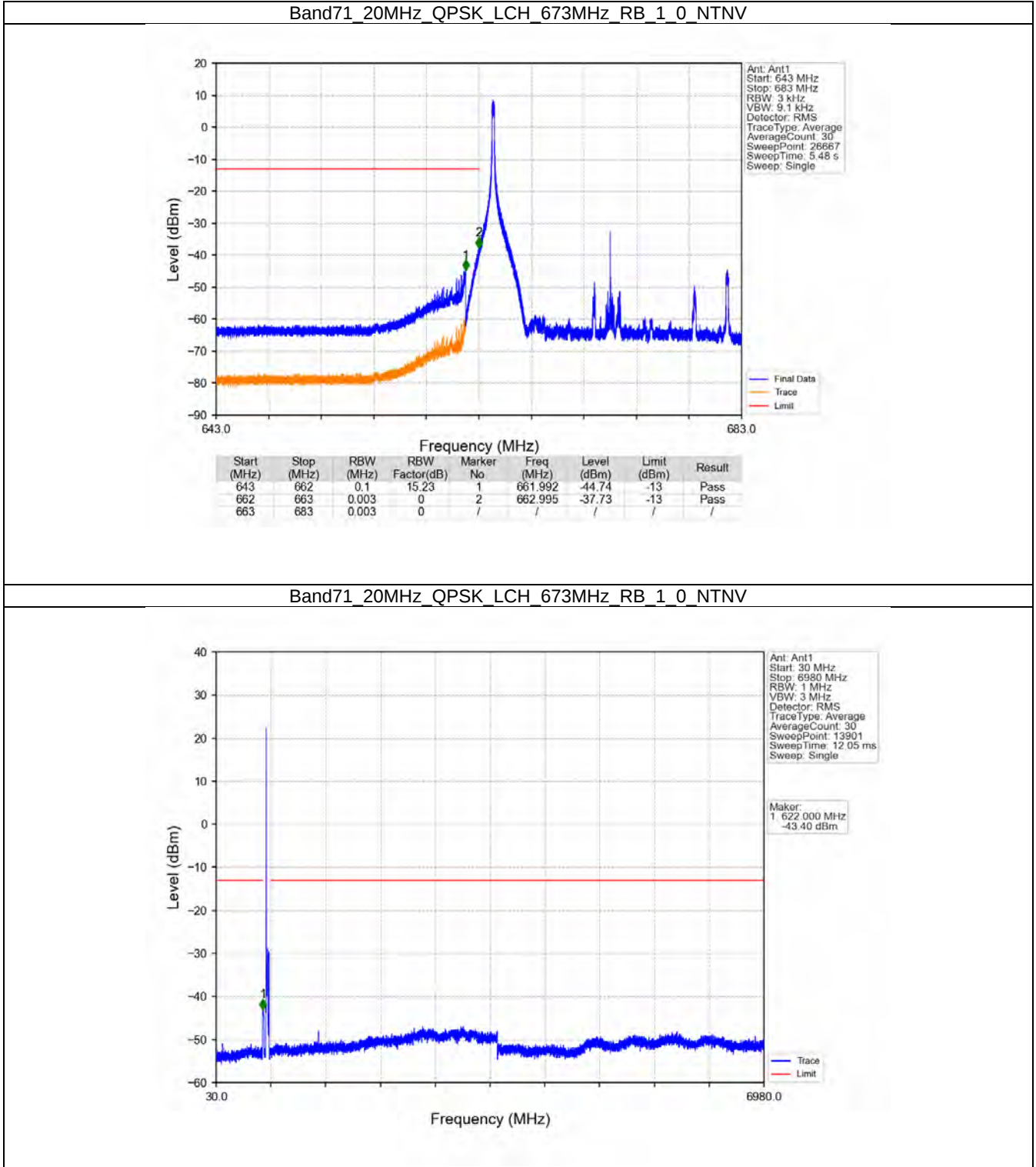


6.4 B71_20MHz

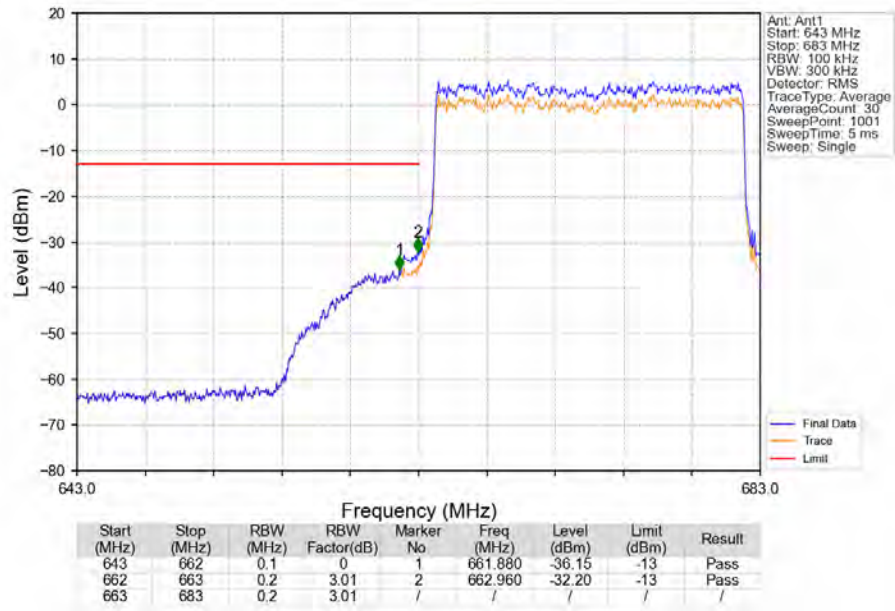
6.4.1 Test Result

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

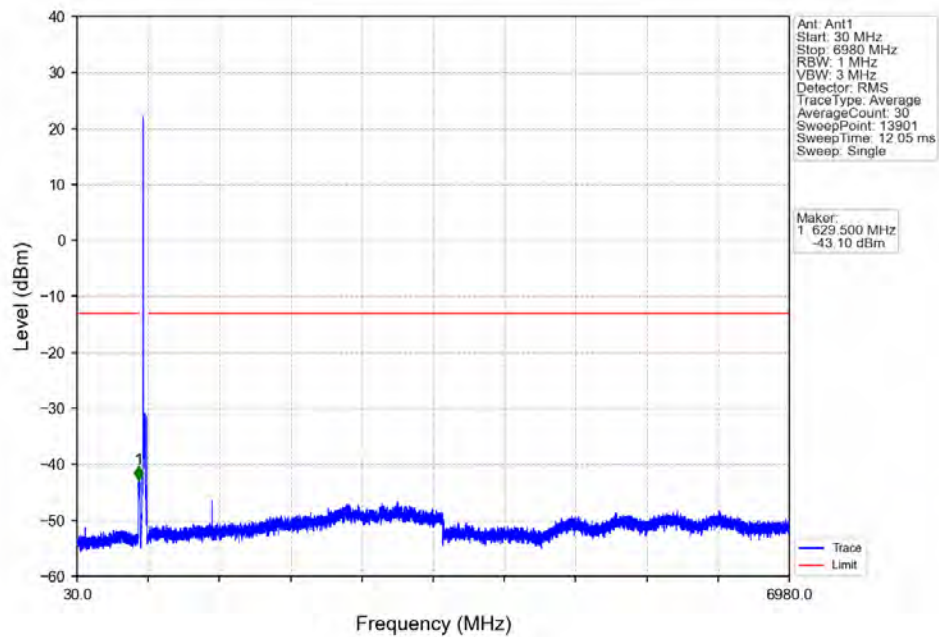
6.4.2 Test Graph



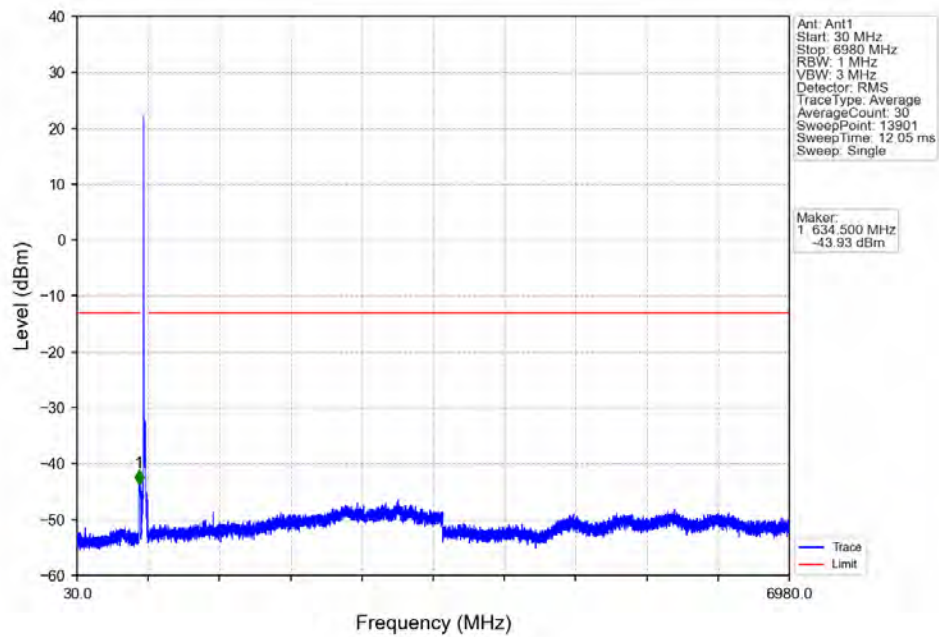
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



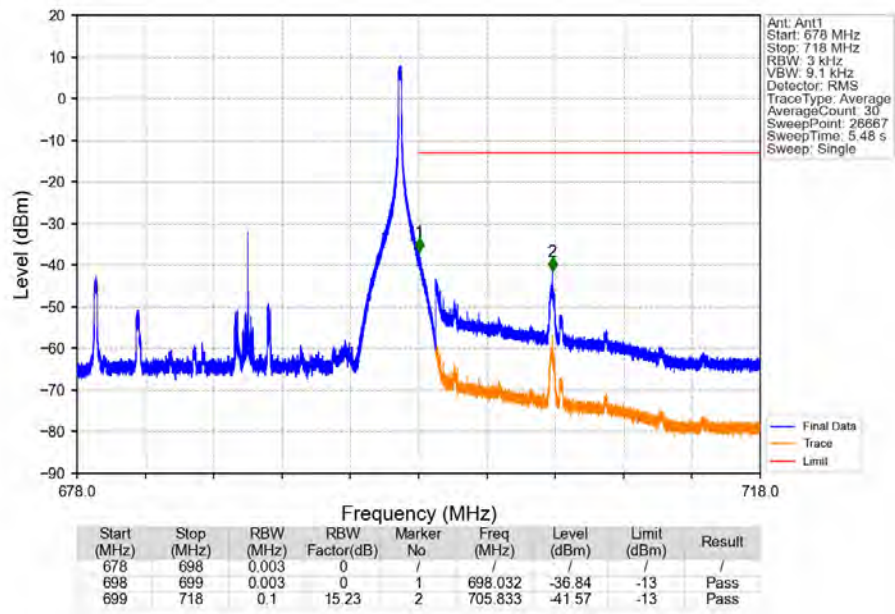
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



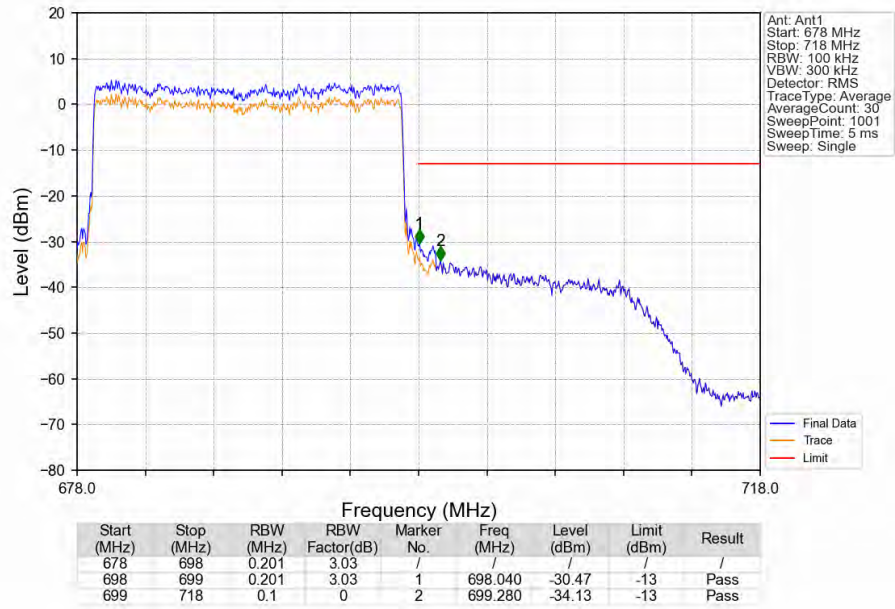
Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV



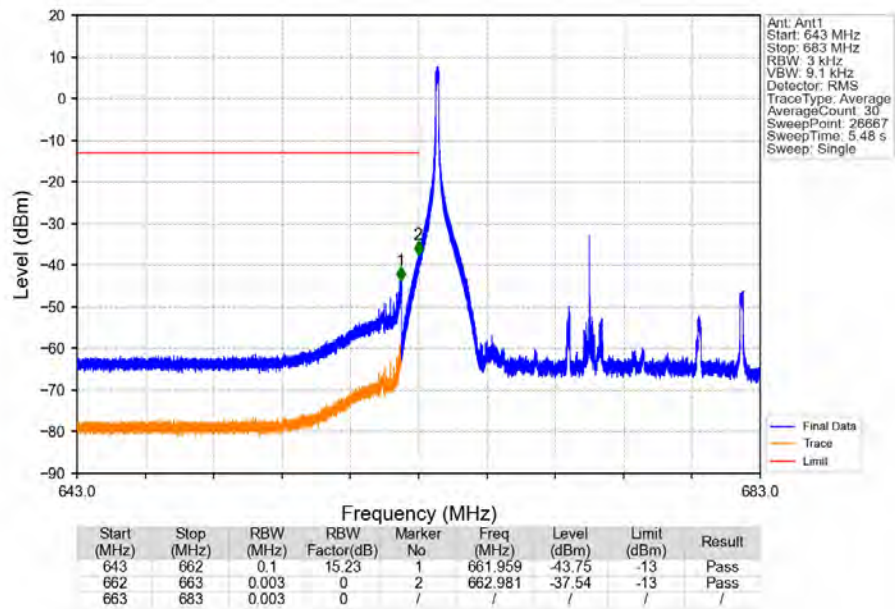
Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



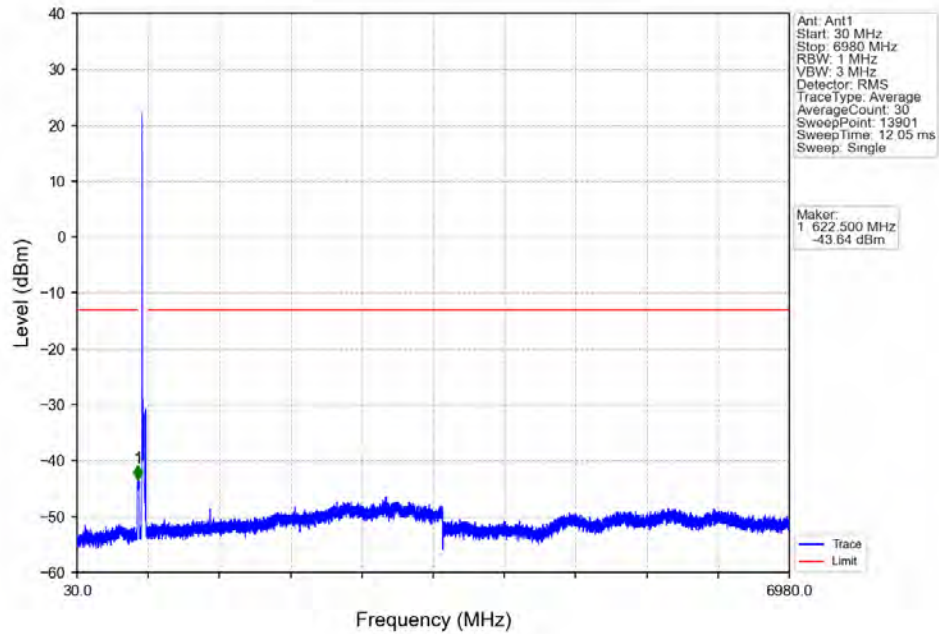
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



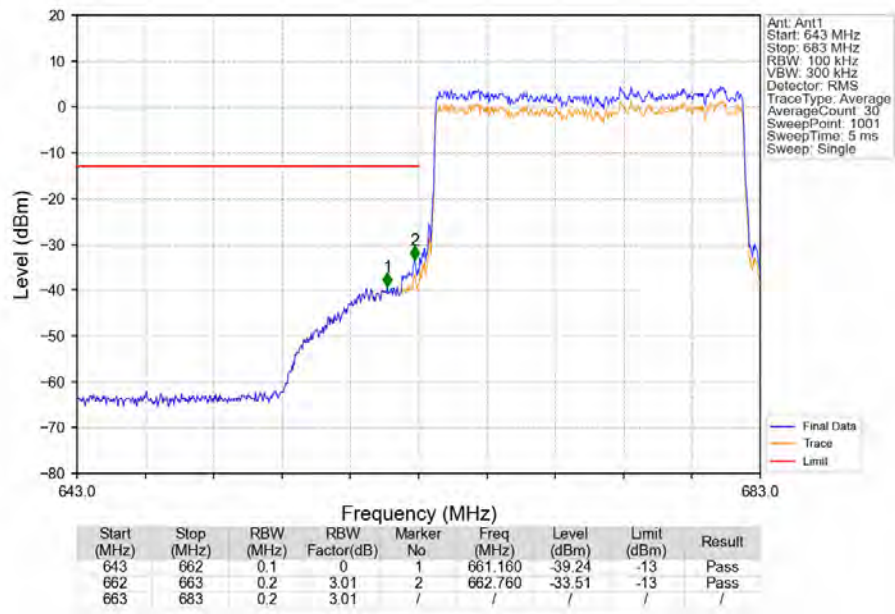
Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV



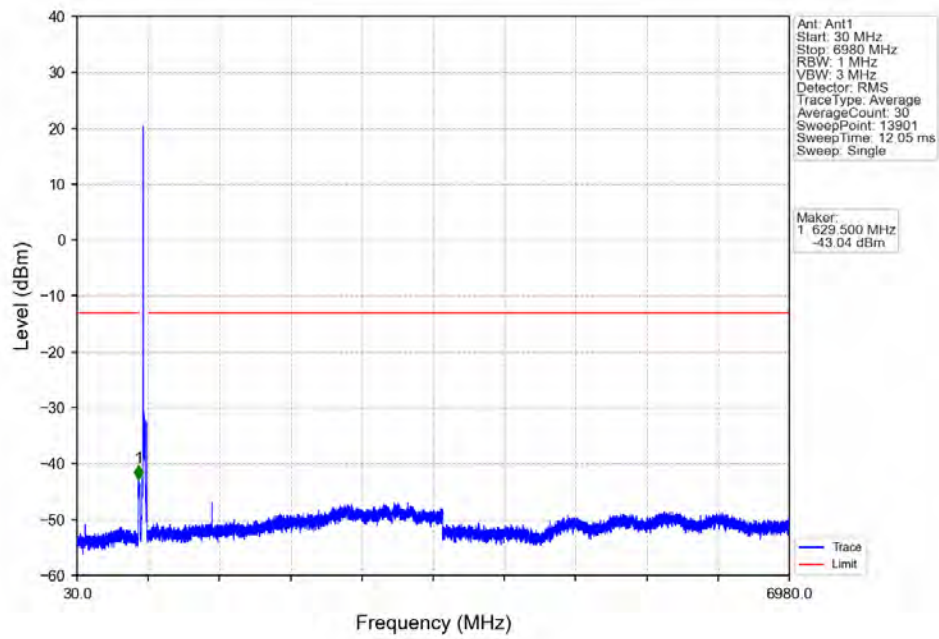
Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV



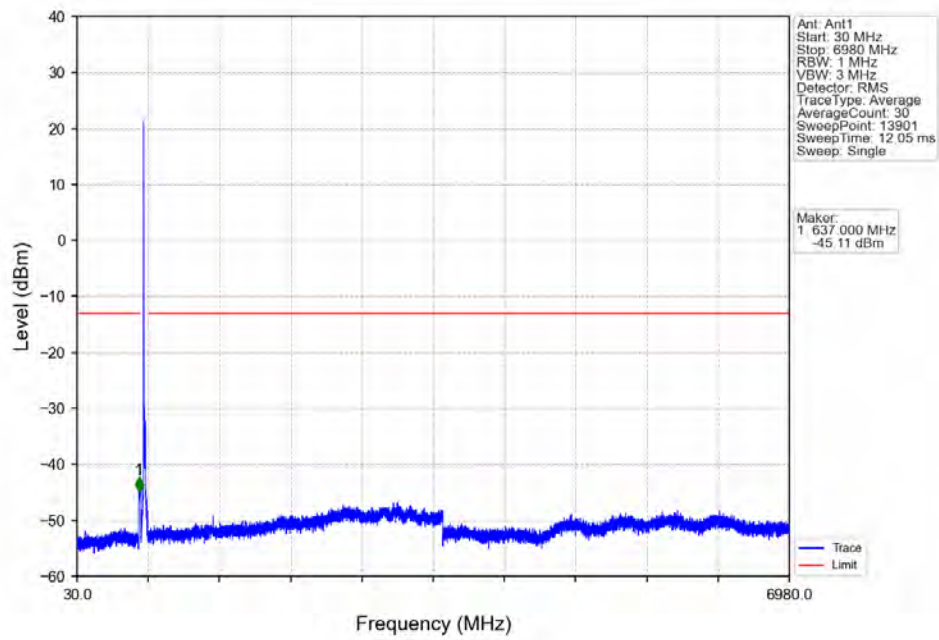
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



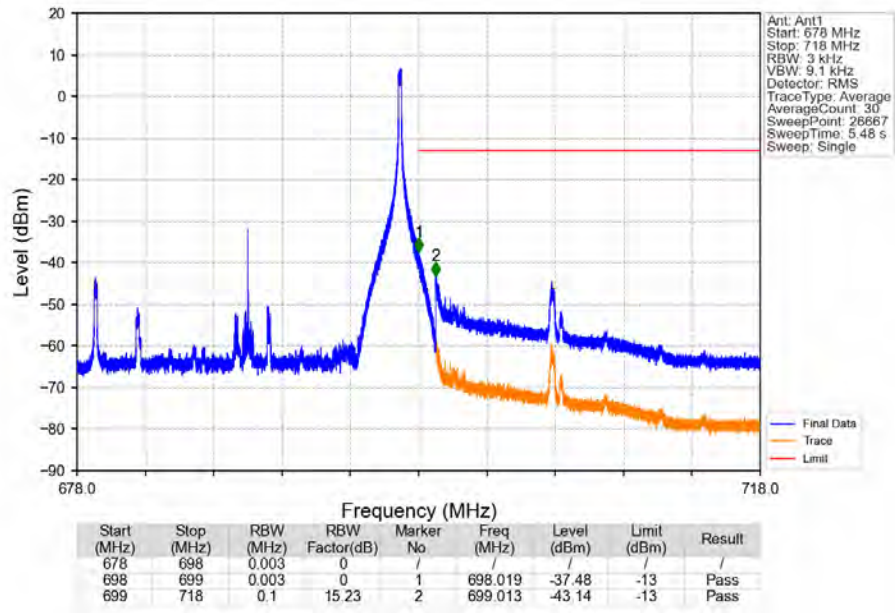
Band71_20MHz_16QAM_MCH_683MHz_RB_1_0_NTNV



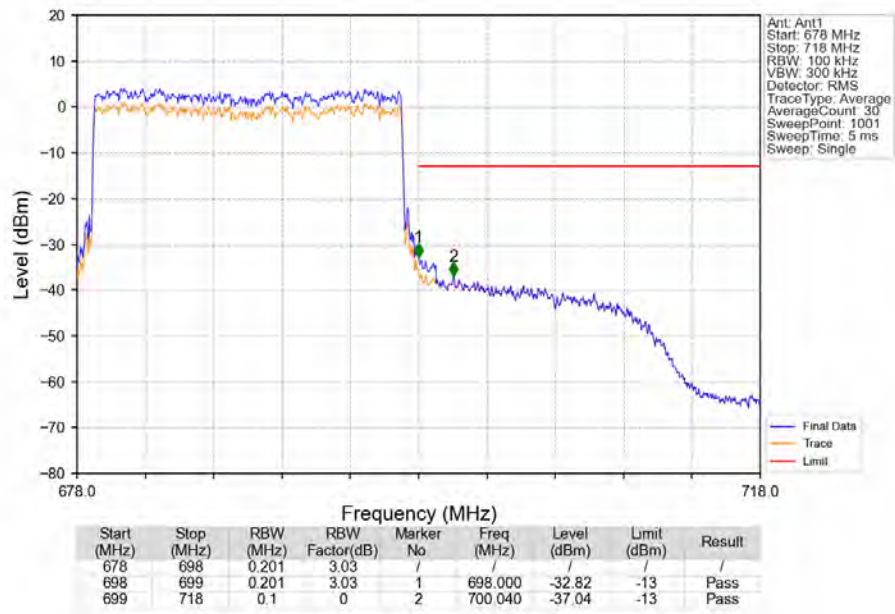
Band71_20MHz_16QAM_HCH_688MHz_RB_1_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_1_99_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
71	5	665.5	695.5	0.1941	0.0197	ppm	4M59G7D	27N	22.88
71	5	665.5	695.5	0.1622	0.0199	ppm	4M57W7D	27N	22.10
71	10	668	693	0.2018	0.0153	ppm	9M10G7D	27N	23.05
71	10	668	693	0.1687	0.0155	ppm	9M07W7D	27N	22.27
71	15	670.5	690.5	0.2168	0.0155	ppm	13M7G7D	27N	23.36
71	15	670.5	690.5	0.1710	0.0158	ppm	13M6W7D	27N	22.33
71	20	673	688	0.2168	0.0150	ppm	18M2G7D	27N	23.36
71	20	673	688	0.1875	0.0143	ppm	18M2W7D	27N	22.73

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
71	5	665.5	695.5	0.1330	0.0197	ppm	4M59G7D	27N	21.24
71	5	665.5	695.5	0.1112	0.0199	ppm	4M57W7D	27N	20.46
71	10	668	693	0.1384	0.0153	ppm	9M10G7D	27N	21.41
71	10	668	693	0.1156	0.0155	ppm	9M07W7D	27N	20.63
71	15	670.5	690.5	0.1486	0.0155	ppm	13M7G7D	27N	21.72
71	15	670.5	690.5	0.1172	0.0158	ppm	13M6W7D	27N	20.69
71	20	673	688	0.1486	0.0150	ppm	18M2G7D	27N	21.72
71	20	673	688	0.1285	0.0143	ppm	18M2W7D	27N	21.09