

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	22.29	-3.39	16.75	<=34.77	Pass
			13	22.41	-3.39	16.87	<=34.77	Pass
			24	22.25	-3.39	16.71	<=34.77	Pass
		12	0	21.22	-3.39	15.68	<=34.77	Pass
			6	21.38	-3.39	15.84	<=34.77	Pass
			13	21.43	-3.39	15.89	<=34.77	Pass
		25	0	21.32	-3.39	15.78	<=34.77	Pass
	680.5	1	0	21.68	-3.39	16.14	<=34.77	Pass
			13	21.78	-3.39	16.24	<=34.77	Pass
			24	21.65	-3.39	16.11	<=34.77	Pass
		12	0	20.76	-3.39	15.22	<=34.77	Pass
			6	20.87	-3.39	15.33	<=34.77	Pass
			13	20.89	-3.39	15.35	<=34.77	Pass
		25	0	20.85	-3.39	15.31	<=34.77	Pass
	695.5	1	0	21.50	-3.39	15.96	<=34.77	Pass
			13	21.62	-3.39	16.08	<=34.77	Pass
			24	21.47	-3.39	15.93	<=34.77	Pass
		12	0	20.68	-3.39	15.14	<=34.77	Pass
			6	20.76	-3.39	15.22	<=34.77	Pass
			13	20.66	-3.39	15.12	<=34.77	Pass
		25	0	20.70	-3.39	15.16	<=34.77	Pass
16QAM	665.5	1	0	21.06	-3.39	15.52	<=34.77	Pass
			13	21.24	-3.39	15.70	<=34.77	Pass
			24	21.14	-3.39	15.60	<=34.77	Pass
		12	0	20.20	-3.39	14.66	<=34.77	Pass
			6	20.39	-3.39	14.85	<=34.77	Pass
			13	20.41	-3.39	14.87	<=34.77	Pass
		25	0	20.36	-3.39	14.82	<=34.77	Pass
	680.5	1	0	20.87	-3.39	15.33	<=34.77	Pass
			13	20.99	-3.39	15.45	<=34.77	Pass
			24	20.85	-3.39	15.31	<=34.77	Pass
		12	0	19.83	-3.39	14.29	<=34.77	Pass
			6	19.88	-3.39	14.34	<=34.77	Pass
			13	19.84	-3.39	14.30	<=34.77	Pass
		25	0	19.91	-3.39	14.37	<=34.77	Pass
	695.5	1	0	20.83	-3.39	15.29	<=34.77	Pass
			13	20.99	-3.39	15.45	<=34.77	Pass
			24	20.84	-3.39	15.30	<=34.77	Pass
		12	0	19.73	-3.39	14.19	<=34.77	Pass
			6	19.84	-3.39	14.30	<=34.77	Pass
			13	19.73	-3.39	14.19	<=34.77	Pass
		25	0	19.73	-3.39	14.19	<=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	22.35	-3.39	16.81	<=34.77	Pass
			25	22.51	-3.39	16.97	<=34.77	Pass
			49	22.31	-3.39	16.77	<=34.77	Pass
		25	0	21.19	-3.39	15.65	<=34.77	Pass
			13	21.34	-3.39	15.80	<=34.77	Pass
			25	21.32	-3.39	15.78	<=34.77	Pass
		50	0	21.30	-3.39	15.76	<=34.77	Pass
	680.5	1	0	21.71	-3.39	16.17	<=34.77	Pass
			25	21.84	-3.39	16.30	<=34.77	Pass
			49	21.68	-3.39	16.14	<=34.77	Pass
		25	0	20.81	-3.39	15.27	<=34.77	Pass
			13	20.89	-3.39	15.35	<=34.77	Pass
			25	20.91	-3.39	15.37	<=34.77	Pass
		50	0	20.89	-3.39	15.35	<=34.77	Pass
	693	1	0	21.56	-3.39	16.02	<=34.77	Pass
			25	21.78	-3.39	16.24	<=34.77	Pass
			49	21.61	-3.39	16.07	<=34.77	Pass
		25	0	20.79	-3.39	15.25	<=34.77	Pass
			13	20.79	-3.39	15.25	<=34.77	Pass
			25	20.69	-3.39	15.15	<=34.77	Pass
		50	0	20.75	-3.39	15.21	<=34.77	Pass
16QAM	668	1	0	21.31	-3.39	15.77	<=34.77	Pass
			25	21.51	-3.39	15.97	<=34.77	Pass
			49	21.25	-3.39	15.71	<=34.77	Pass
		25	0	20.27	-3.39	14.73	<=34.77	Pass
			13	20.53	-3.39	14.99	<=34.77	Pass
			25	20.47	-3.39	14.93	<=34.77	Pass
		50	0	20.31	-3.39	14.77	<=34.77	Pass
	680.5	1	0	20.93	-3.39	15.39	<=34.77	Pass
			25	21.19	-3.39	15.65	<=34.77	Pass
			49	20.96	-3.39	15.42	<=34.77	Pass
		25	0	19.88	-3.39	14.34	<=34.77	Pass
			13	19.97	-3.39	14.43	<=34.77	Pass
			25	19.94	-3.39	14.40	<=34.77	Pass
		50	0	19.94	-3.39	14.40	<=34.77	Pass
	693	1	0	21.26	-3.39	15.72	<=34.77	Pass
			25	21.36	-3.39	15.82	<=34.77	Pass
			49	21.20	-3.39	15.66	<=34.77	Pass
		25	0	19.88	-3.39	14.34	<=34.77	Pass
			13	19.87	-3.39	14.33	<=34.77	Pass
			25	19.84	-3.39	14.30	<=34.77	Pass
		50	0	19.82	-3.39	14.28	<=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	22.38	-3.39	16.84	<=34.77	Pass
			38	22.49	-3.39	16.95	<=34.77	Pass
			74	21.91	-3.39	16.37	<=34.77	Pass
		36	0	21.44	-3.39	15.90	<=34.77	Pass
			18	21.49	-3.39	15.95	<=34.77	Pass
			39	21.38	-3.39	15.84	<=34.77	Pass

	680.5	75	0	21.42	-3.39	15.88	<=34.77	Pass	
		1	0	22.08	-3.39	16.54	<=34.77	Pass	
			38	21.85	-3.39	16.31	<=34.77	Pass	
			74	21.75	-3.39	16.21	<=34.77	Pass	
			36	0	20.99	-3.39	15.45	<=34.77	Pass
		18		21.01	-3.39	15.47	<=34.77	Pass	
		39		21.04	-3.39	15.50	<=34.77	Pass	
		75	0	20.95	-3.39	15.41	<=34.77	Pass	
		690.5	1	0	21.72	-3.39	16.18	<=34.77	Pass
				38	21.87	-3.39	16.33	<=34.77	Pass
	74			21.70	-3.39	16.16	<=34.77	Pass	
	36		0	20.87	-3.39	15.33	<=34.77	Pass	
			18	20.94	-3.39	15.40	<=34.77	Pass	
			39	20.94	-3.39	15.40	<=34.77	Pass	
	75		0	20.96	-3.39	15.42	<=34.77	Pass	
	16QAM	670.5	1	0	21.47	-3.39	15.93	<=34.77	Pass
				38	21.59	-3.39	16.05	<=34.77	Pass
				74	21.07	-3.39	15.53	<=34.77	Pass
			36	0	20.36	-3.39	14.82	<=34.77	Pass
				18	20.55	-3.39	15.01	<=34.77	Pass
				39	20.31	-3.39	14.77	<=34.77	Pass
			75	0	20.38	-3.39	14.84	<=34.77	Pass
680.5		1	0	21.69	-3.39	16.15	<=34.77	Pass	
			38	21.54	-3.39	16.00	<=34.77	Pass	
			74	21.43	-3.39	15.89	<=34.77	Pass	
		36	0	19.94	-3.39	14.40	<=34.77	Pass	
			18	20.02	-3.39	14.48	<=34.77	Pass	
			39	19.99	-3.39	14.45	<=34.77	Pass	
75		0	19.98	-3.39	14.44	<=34.77	Pass		
690.5		1	0	21.19	-3.39	15.65	<=34.77	Pass	
			38	21.27	-3.39	15.73	<=34.77	Pass	
			74	21.09	-3.39	15.55	<=34.77	Pass	
		36	0	19.89	-3.39	14.35	<=34.77	Pass	
			18	19.89	-3.39	14.35	<=34.77	Pass	
			39	19.86	-3.39	14.32	<=34.77	Pass	
		75	0	19.90	-3.39	14.36	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2 15									

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	22.24	-3.39	16.70	<=34.77	Pass
			50	22.53	-3.39	16.99	<=34.77	Pass
			99	21.75	-3.39	16.21	<=34.77	Pass
		50	0	21.34	-3.39	15.80	<=34.77	Pass
			25	21.34	-3.39	15.80	<=34.77	Pass
			50	21.14	-3.39	15.60	<=34.77	Pass
		100	0	21.26	-3.39	15.72	<=34.77	Pass
			0	21.94	-3.39	16.40	<=34.77	Pass
			50	21.96	-3.39	16.42	<=34.77	Pass
	683	1	99	21.60	-3.39	16.06	<=34.77	Pass
			0	20.76	-3.39	15.22	<=34.77	Pass
			25	20.97	-3.39	15.43	<=34.77	Pass
		50	50	20.93	-3.39	15.39	<=34.77	Pass
			0	20.86	-3.39	15.32	<=34.77	Pass
			0	21.70	-3.39	16.16	<=34.77	Pass

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16QAM	673	50	50	21.92	-3.39	16.38	<=34.77	Pass	
			99	21.60	-3.39	16.06	<=34.77	Pass	
			0	20.81	-3.39	15.27	<=34.77	Pass	
			25	20.90	-3.39	15.36	<=34.77	Pass	
			50	20.84	-3.39	15.30	<=34.77	Pass	
		100	0	20.84	-3.39	15.30	<=34.77	Pass	
		683	1	0	21.46	-3.39	15.92	<=34.77	Pass
	50			21.76	-3.39	16.22	<=34.77	Pass	
	99			21.09	-3.39	15.55	<=34.77	Pass	
	50		0	20.33	-3.39	14.79	<=34.77	Pass	
			25	20.29	-3.39	14.75	<=34.77	Pass	
			50	20.15	-3.39	14.61	<=34.77	Pass	
	100		0	20.27	-3.39	14.73	<=34.77	Pass	
	688		1	0	21.58	-3.39	16.04	<=34.77	Pass
				50	21.59	-3.39	16.05	<=34.77	Pass
				99	21.24	-3.39	15.70	<=34.77	Pass
			50	0	19.85	-3.39	14.31	<=34.77	Pass
				25	20.00	-3.39	14.46	<=34.77	Pass
				50	19.94	-3.39	14.40	<=34.77	Pass
	688		1	0	19.90	-3.39	14.36	<=34.77	Pass
		50		21.00	-3.39	15.46	<=34.77	Pass	
		99		21.19	-3.39	15.65	<=34.77	Pass	
		50	0	20.82	-3.39	15.28	<=34.77	Pass	
			25	19.91	-3.39	14.37	<=34.77	Pass	
			50	19.94	-3.39	14.40	<=34.77	Pass	
		100	50	19.86	-3.39	14.32	<=34.77	Pass	
		100	0	19.91	-3.39	14.37	<=34.77	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	3.27	-4.177	-0.0063	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0063	-2.5 to 2.5	Pass
					4.43	-5.236	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-2.890	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-1.101	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.077	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-6.537	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-5.794	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-5.665	-0.0085	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-4.163	-0.0061	-2.5 to 2.5	Pass
					3.85	-7.167	-0.0105	-2.5 to 2.5	Pass
					4.43	-8.655	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-9.527	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0089	-2.5 to 2.5	Pass

				10	3.85	-6.466	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-7.167	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-10.300	-0.0151	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0064	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-8.011	-0.0115	-2.5 to 2.5	Pass
					3.85	-7.968	-0.0115	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-9.499	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-6.781	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-5.693	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-6.652	-0.0096	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-2.918	-0.0044	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0032	-2.5 to 2.5	Pass
					4.43	-3.934	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-5.350	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-10.171	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-5.407	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-5.794	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-6.080	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-7.324	-0.0110	-2.5 to 2.5	Pass
				680.5	25	0	20	3.27	-4.234
	3.85	-10.300	-0.0151					-2.5 to 2.5	Pass
	4.43	-6.495	-0.0095					-2.5 to 2.5	Pass
	-30	3.85	-10.443				-0.0153	-2.5 to 2.5	Pass
	-20	3.85	-4.048				-0.0059	-2.5 to 2.5	Pass
	-10	3.85	-7.596				-0.0112	-2.5 to 2.5	Pass
	0	3.85	-8.683				-0.0128	-2.5 to 2.5	Pass
	10	3.85	-11.301				-0.0166	-2.5 to 2.5	Pass
	30	3.85	-14.248				-0.0209	-2.5 to 2.5	Pass
	40	3.85	-6.652				-0.0098	-2.5 to 2.5	Pass
	50	3.85	-9.542				-0.0140	-2.5 to 2.5	Pass
	695.5	25	0				20	3.27	-4.020
				3.85	-5.693	-0.0082		-2.5 to 2.5	Pass
				4.43	-2.775	-0.0040		-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-5.236	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-6.938	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-9.155	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-7.896	-0.0114	-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	-7.453	-0.0112	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0117	-2.5 to 2.5	Pass
					4.43	-7.696	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-5.879	-0.0088	-2.5 to 2.5	Pass

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				-20	3.85	-11.301	-0.0169	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-3.891	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-7.281	-0.0109	-2.5 to 2.5	Pass
				50	3.85	-5.965	-0.0089	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-8.497	-0.0125	-2.5 to 2.5	Pass
					3.85	-8.912	-0.0131	-2.5 to 2.5	Pass
					4.43	-6.752	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-11.230	-0.0165	-2.5 to 2.5	Pass
				-20	3.85	-9.284	-0.0136	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-9.828	-0.0144	-2.5 to 2.5	Pass
				30	3.85	-9.670	-0.0142	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-6.909	-0.0102	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-8.554	-0.0123	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0093	-2.5 to 2.5	Pass
					4.43	-4.535	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-9.112	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	-8.411	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-6.809	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-11.516	-0.0166	-2.5 to 2.5	Pass
				30	3.85	-9.842	-0.0142	-2.5 to 2.5	Pass
				40	3.85	-7.596	-0.0110	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-7.010	-0.0105	-2.5 to 2.5	Pass
					3.85	-6.280	-0.0094	-2.5 to 2.5	Pass
					4.43	-8.411	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-8.941	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-8.140	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-5.808	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-7.296	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-8.168	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-7.725	-0.0116	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-5.350	-0.0079	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0092	-2.5 to 2.5	Pass
					4.43	-9.027	-0.0133	-2.5 to 2.5	Pass
				-30	3.85	-7.210	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-6.108	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-8.669	-0.0127	-2.5 to 2.5	Pass
				0	3.85	-9.756	-0.0143	-2.5 to 2.5	Pass
				10	3.85	-7.825	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-2.017	-0.0030	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-5.379	-0.0078	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0095	-2.5 to 2.5	Pass
					4.43	-8.397	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-6.223	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-10.757	-0.0155	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-11.745	-0.0169	-2.5 to 2.5	Pass

				30	3.85	-6.938	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0046	-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	-8.268	-0.0123	-2.5 to 2.5	Pass
					3.85	-6.552	-0.0098	-2.5 to 2.5	Pass
					4.43	-5.565	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-4.292	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-8.683	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-8.082	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-9.370	-0.0140	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-7.982	-0.0119	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-7.968	-0.0117	-2.5 to 2.5	Pass
					3.85	-7.024	-0.0103	-2.5 to 2.5	Pass
					4.43	-5.364	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-6.723	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-10.271	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-8.912	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-11.973	-0.0176	-2.5 to 2.5	Pass
				10	3.85	-4.306	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-6.709	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0136	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-11.787	-0.0171	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0109	-2.5 to 2.5	Pass
					4.43	-7.281	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-7.639	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-10.200	-0.0148	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-9.041	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-11.787	-0.0171	-2.5 to 2.5	Pass
				30	3.85	-11.702	-0.0169	-2.5 to 2.5	Pass
				40	3.85	-9.871	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-11.358	-0.0164	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-5.293	-0.0079	-2.5 to 2.5	Pass
					3.85	-9.913	-0.0148	-2.5 to 2.5	Pass
					4.43	-9.842	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-6.208	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-6.638	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0112	-2.5 to 2.5	Pass
				0	3.85	-8.597	-0.0128	-2.5 to 2.5	Pass
				10	3.85	-5.636	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-6.251	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-9.027	-0.0135	-2.5 to 2.5	Pass
				50	3.85	-5.593	-0.0083	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-5.507	-0.0081	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0106	-2.5 to 2.5	Pass
					4.43	-7.253	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-9.828	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-3.805	-0.0056	-2.5 to 2.5	Pass

				-10	3.85	-6.480	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-5.350	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-12.331	-0.0181	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0110	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-8.998	-0.0130	-2.5 to 2.5	Pass
					3.85	-7.668	-0.0111	-2.5 to 2.5	Pass
					4.43	-9.184	-0.0133	-2.5 to 2.5	Pass
				-30	3.85	-7.324	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-9.913	-0.0144	-2.5 to 2.5	Pass
				-10	3.85	-4.992	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-6.051	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-6.280	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-4.263	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-6.967	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-5.851	-0.0085	-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	-5.364	-0.0080	-2.5 to 2.5	Pass
					3.85	-5.035	-0.0075	-2.5 to 2.5	Pass
					4.43	-8.225	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-7.582	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-5.608	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-4.363	-0.0065	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-6.309	-0.0092	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0138	-2.5 to 2.5	Pass
					4.43	-10.929	-0.0160	-2.5 to 2.5	Pass
				-30	3.85	-8.326	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-12.274	-0.0180	-2.5 to 2.5	Pass
				-10	3.85	-8.268	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-8.068	-0.0118	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-7.610	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0088	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-6.967	-0.0101	-2.5 to 2.5	Pass
					3.85	-5.736	-0.0083	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-8.984	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-7.439	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-9.770	-0.0142	-2.5 to 2.5	Pass
				40	3.85	-7.768	-0.0113	-2.5 to 2.5	Pass
				50	3.85	-6.323	-0.0092	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-4.034	-0.0060	-2.5 to 2.5	Pass
					3.85	-9.584	-0.0142	-2.5 to 2.5	Pass

					4.43	-7.725	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-10.085	-0.0150	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-9.198	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-5.708	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-8.841	-0.0131	-2.5 to 2.5	Pass
	683	100	0	50	3.85	-4.334	-0.0064	-2.5 to 2.5	Pass
				20	3.27	-5.579	-0.0082	-2.5 to 2.5	Pass
					3.85	-6.766	-0.0099	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-6.967	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-7.281	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-4.706	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-7.253	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-3.161	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0077	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-5.407	-0.0079	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0099	-2.5 to 2.5	Pass
					4.43	-7.238	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-8.168	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-6.480	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-7.138	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-9.484	-0.0138	-2.5 to 2.5	Pass
				10	3.85	-6.022	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-7.324	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-7.739	-0.0112	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B71_5MHz

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

3.1.2 B71_10MHz

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

3.1.3 B71_15MHz

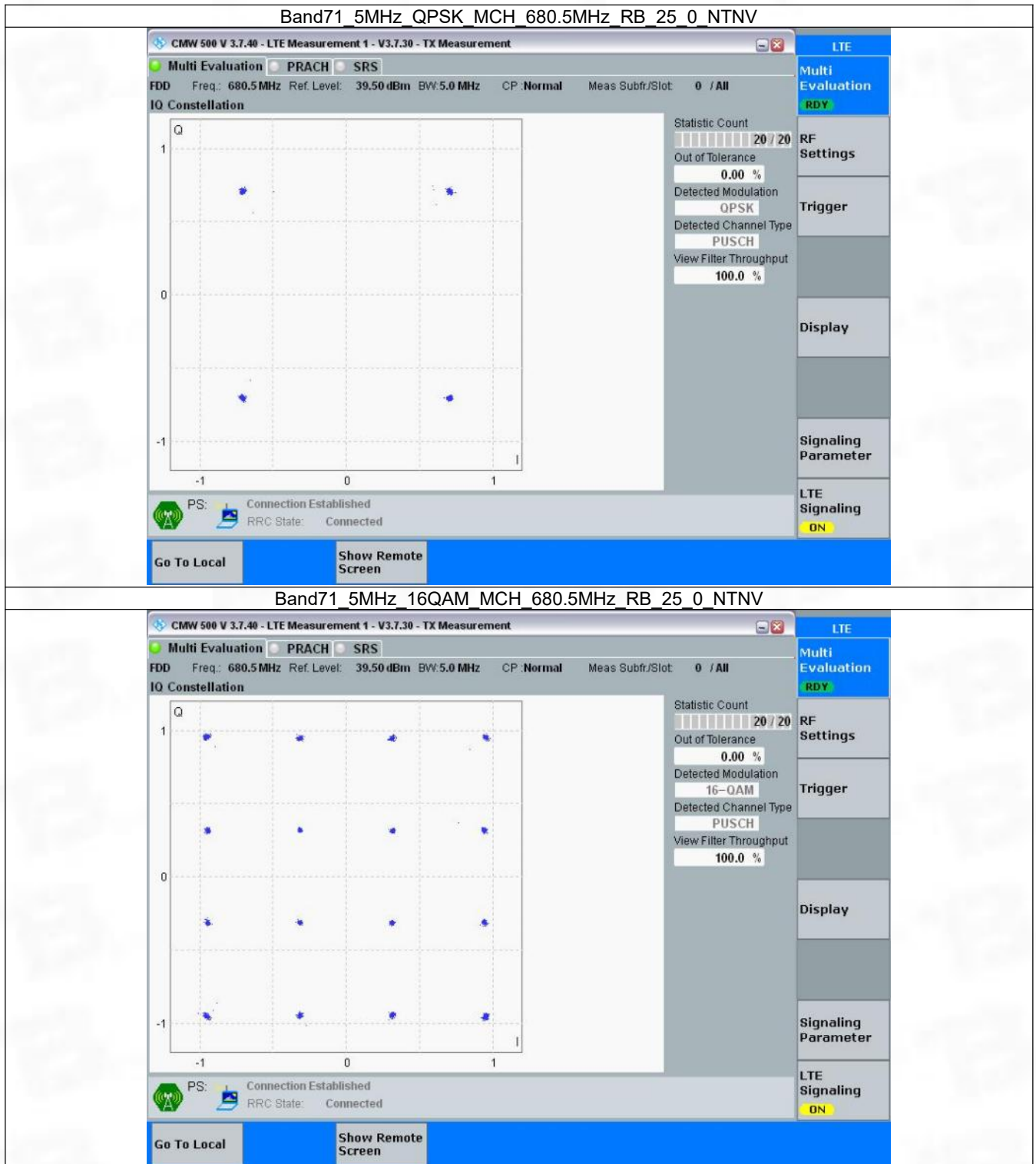
Band: 71 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	680.5	75	0	Refer To Test Graph	
16QAM	680.5	75	0	Refer To Test Graph	

3.1.4 B71_20MHz

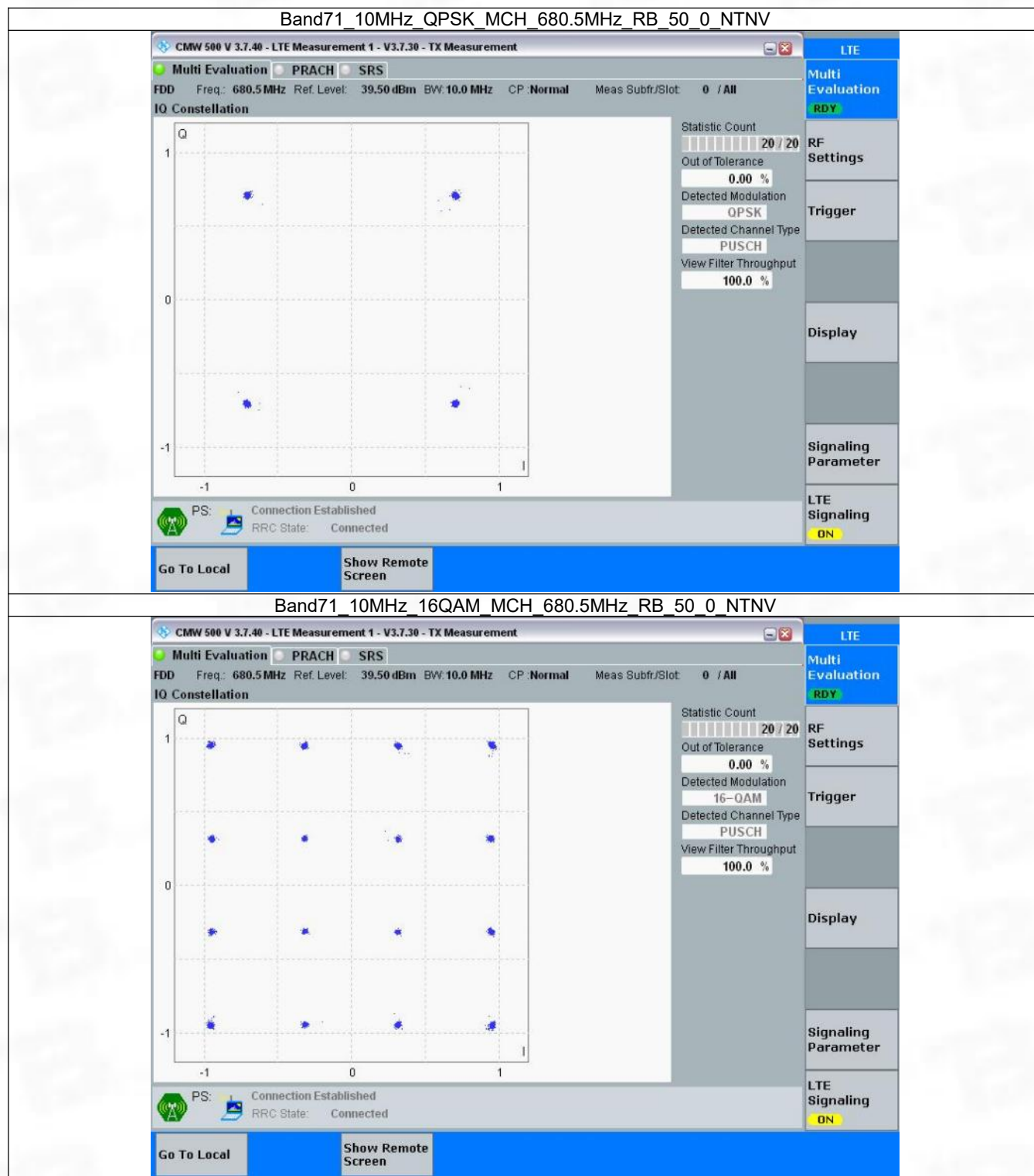
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	683	100	0	Refer To Test Graph	
16QAM	683	100	0	Refer To Test Graph	

3.2 Test Graph

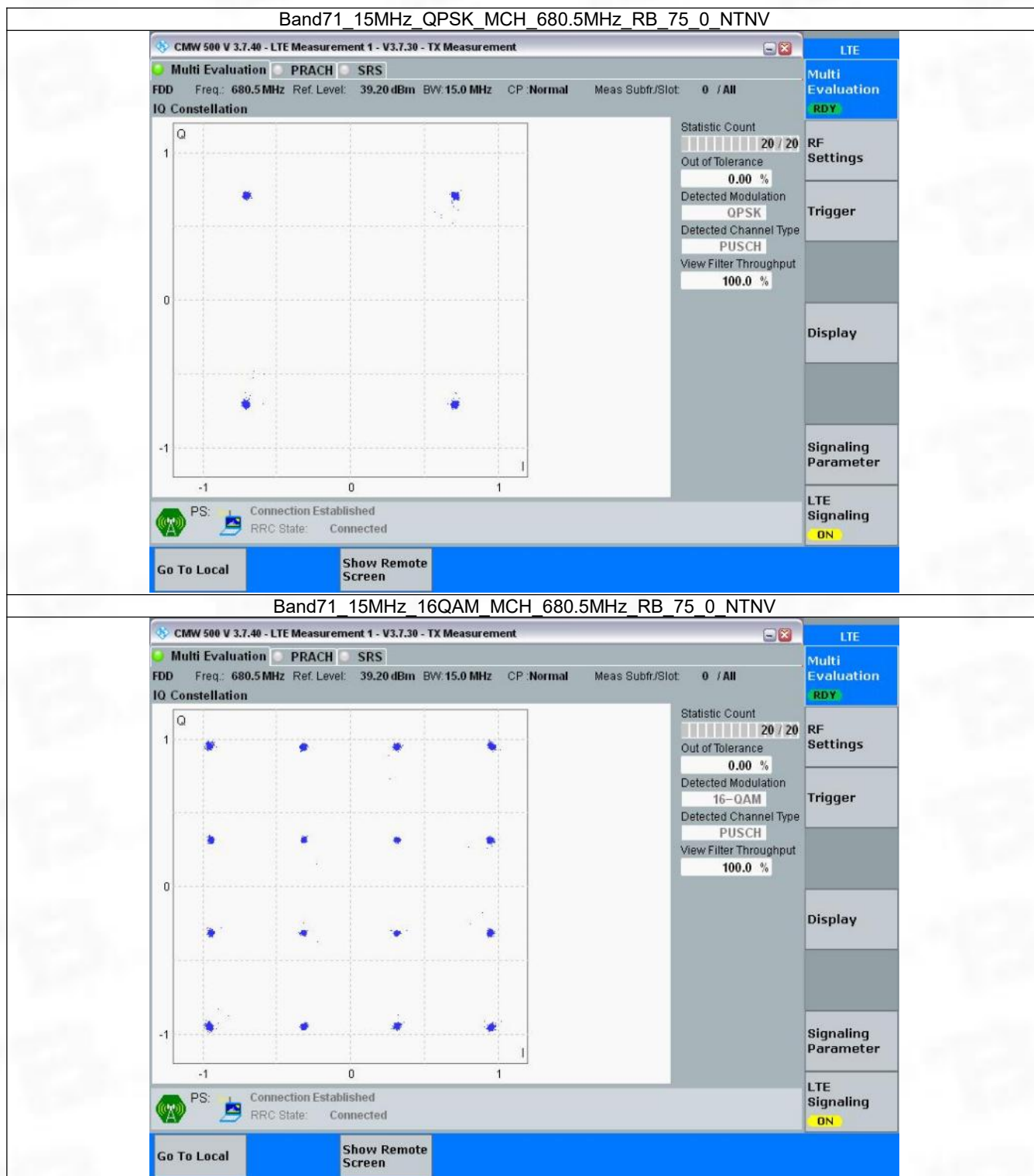
3.2.1 B71_5MHz



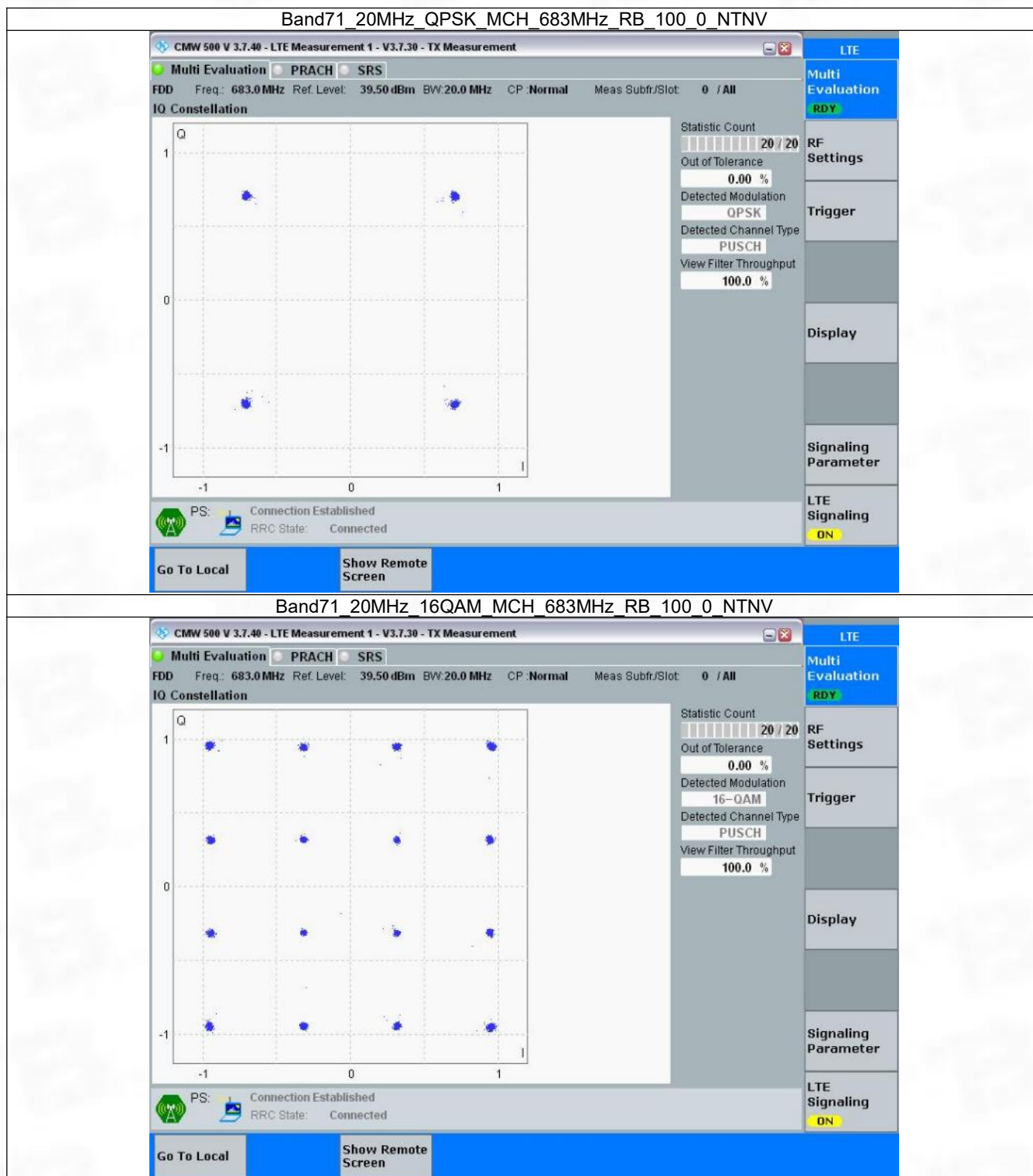
3.2.2 B71_10MHz



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	4.564	/	Pass
		680.5	25	0	4.555	/	Pass
		695.5	25	0	4.566	/	Pass
	16QAM	665.5	25	0	4.556	/	Pass
		680.5	25	0	4.561	/	Pass
		695.5	25	0	4.593	/	Pass
10	QPSK	668	50	0	9.046	/	Pass
		680.5	50	0	9.057	/	Pass
		693	50	0	9.085	/	Pass
	16QAM	668	50	0	9.057	/	Pass
		680.5	50	0	9.066	/	Pass
		693	50	0	9.080	/	Pass
15	QPSK	670.5	75	0	13.581	/	Pass
		680.5	75	0	13.588	/	Pass
		690.5	75	0	13.631	/	Pass
	16QAM	670.5	75	0	13.598	/	Pass
		680.5	75	0	13.555	/	Pass
		690.5	75	0	13.637	/	Pass
20	QPSK	673	100	0	18.089	/	Pass
		683	100	0	18.123	/	Pass
		688	100	0	18.057	/	Pass
	16QAM	673	100	0	18.057	/	Pass
		683	100	0	18.101	/	Pass
		688	100	0	18.089	/	Pass

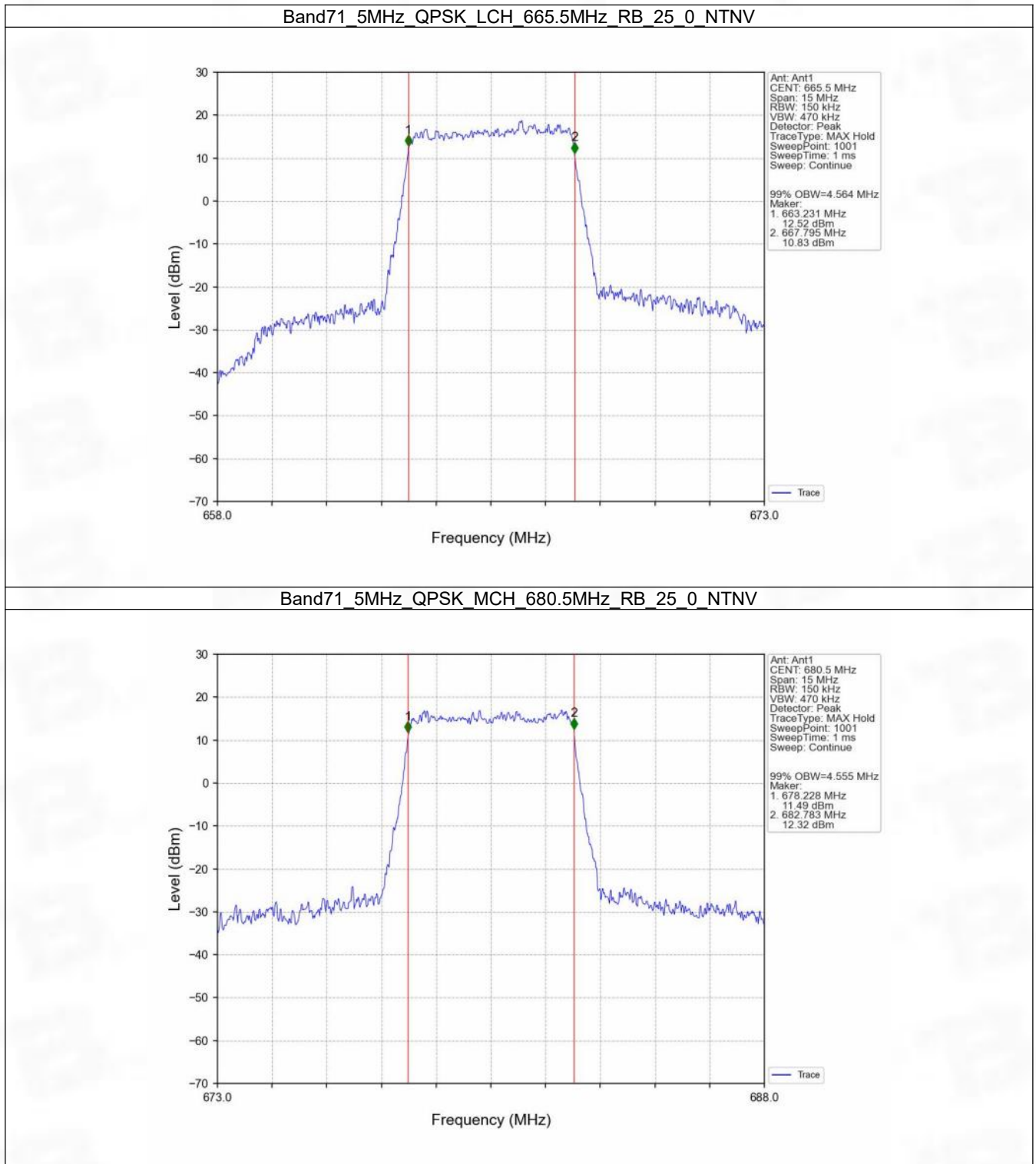
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.211	/	Pass
		680.5	25	0	5.188	/	Pass
		695.5	25	0	5.281	/	Pass
	16QAM	665.5	25	0	5.282	/	Pass
		680.5	25	0	5.298	/	Pass
		695.5	25	0	5.247	/	Pass
10	QPSK	668	50	0	10.109	/	Pass
		680.5	50	0	10.183	/	Pass
		693	50	0	10.383	/	Pass
	16QAM	668	50	0	10.221	/	Pass
		680.5	50	0	10.284	/	Pass
		693	50	0	10.218	/	Pass
15	QPSK	670.5	75	0	15.162	/	Pass
		680.5	75	0	15.305	/	Pass
		690.5	75	0	15.368	/	Pass

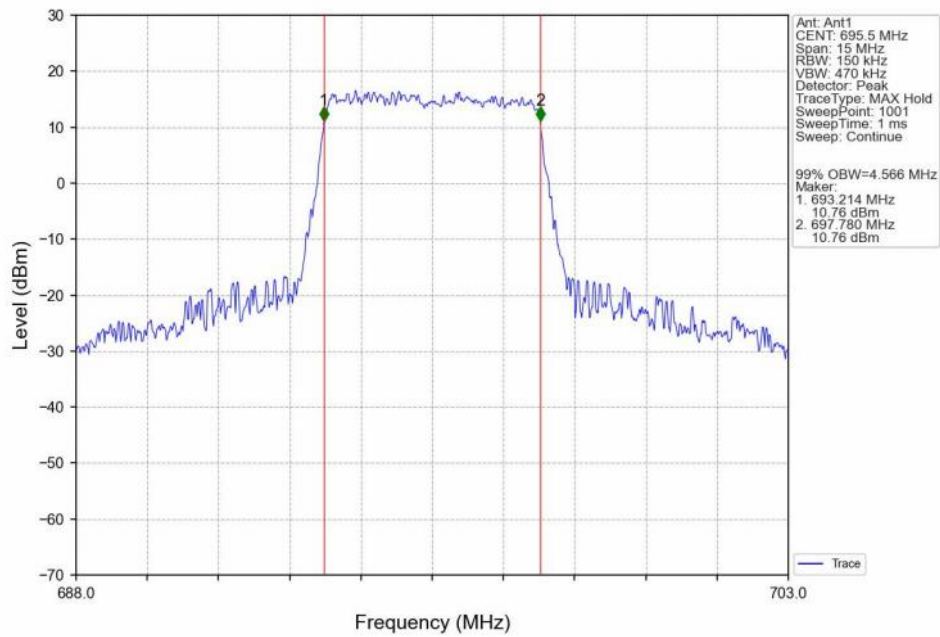
20	16QAM	670.5	75	0	15.284	/	Pass
		680.5	75	0	15.282	/	Pass
		690.5	75	0	15.266	/	Pass
	QPSK	673	100	0	19.956	/	Pass
		683	100	0	20.078	/	Pass
		688	100	0	20.071	/	Pass
	16QAM	673	100	0	19.974	/	Pass
		683	100	0	20.158	/	Pass
		688	100	0	20.112	/	Pass

4.2 Test Graph

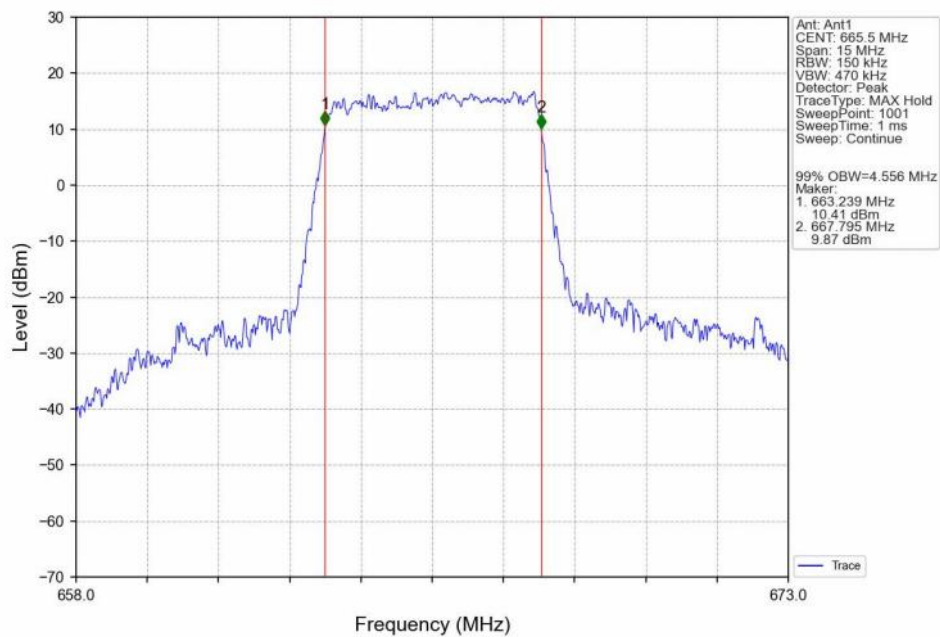
4.2.1 Band71_OBW



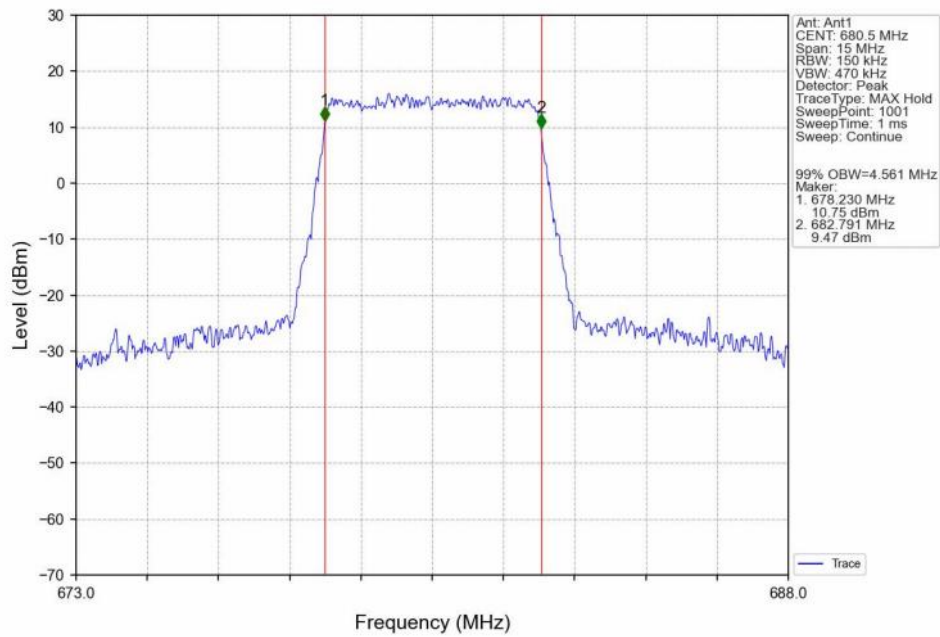
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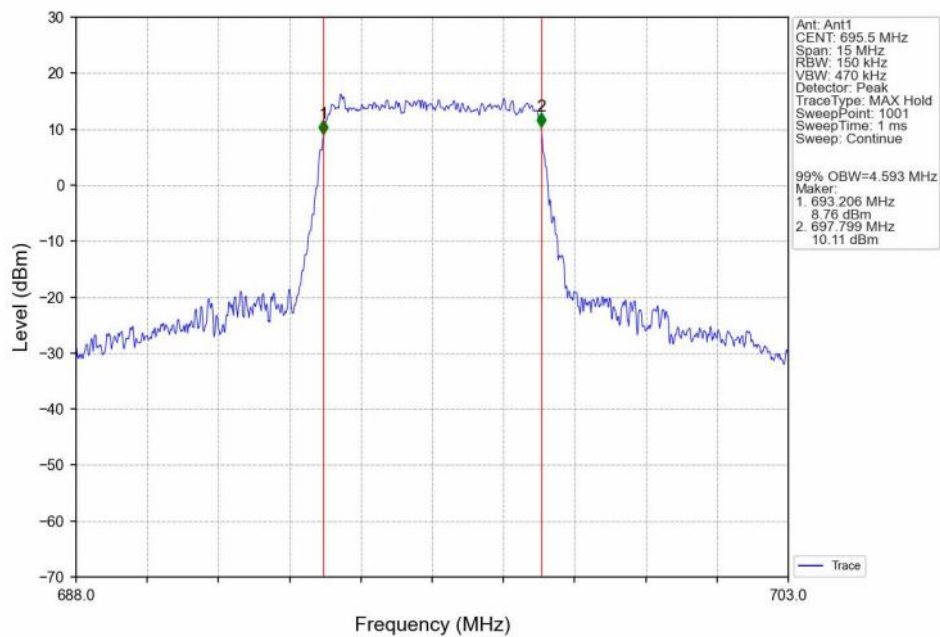
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



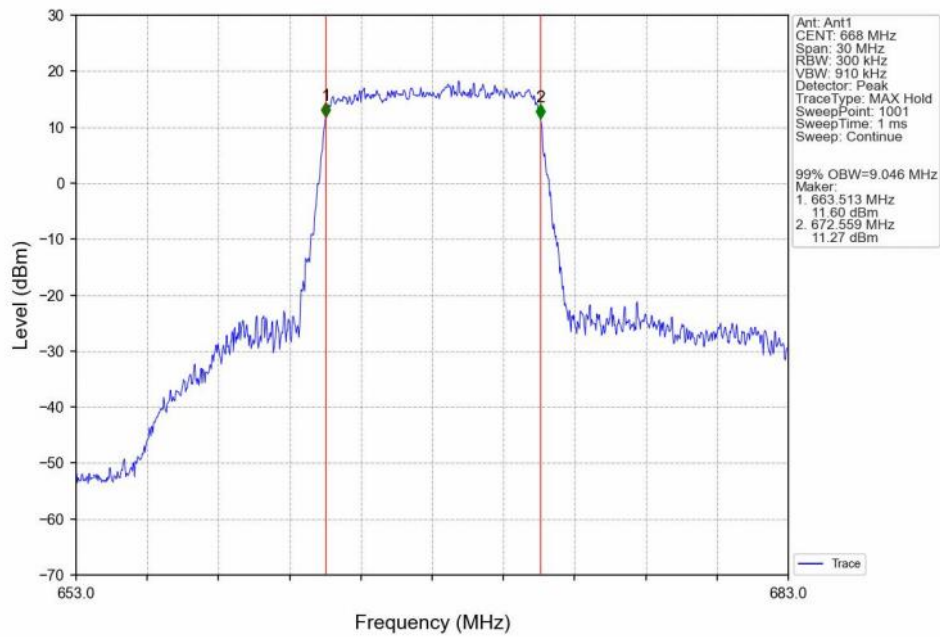
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



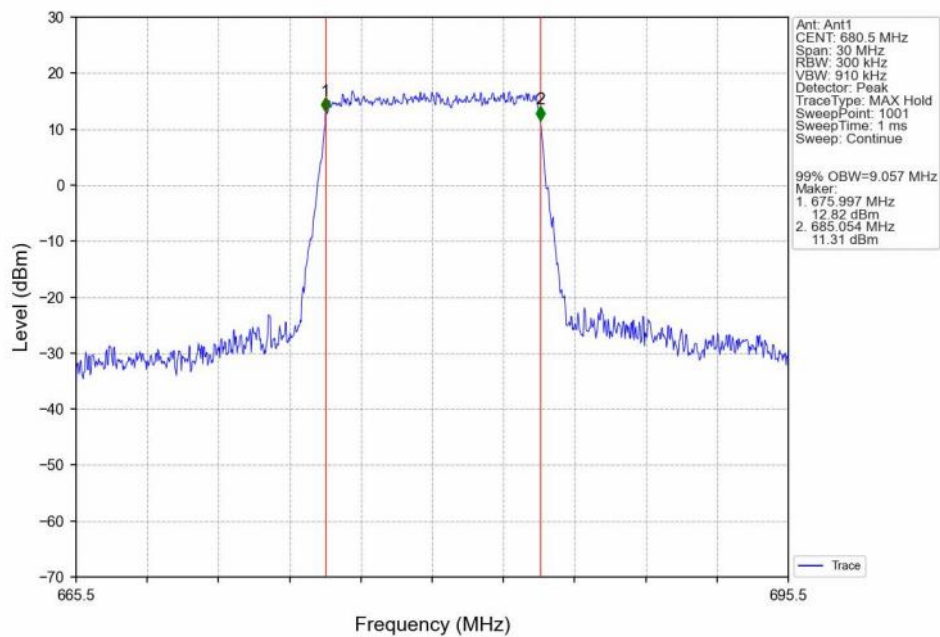
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



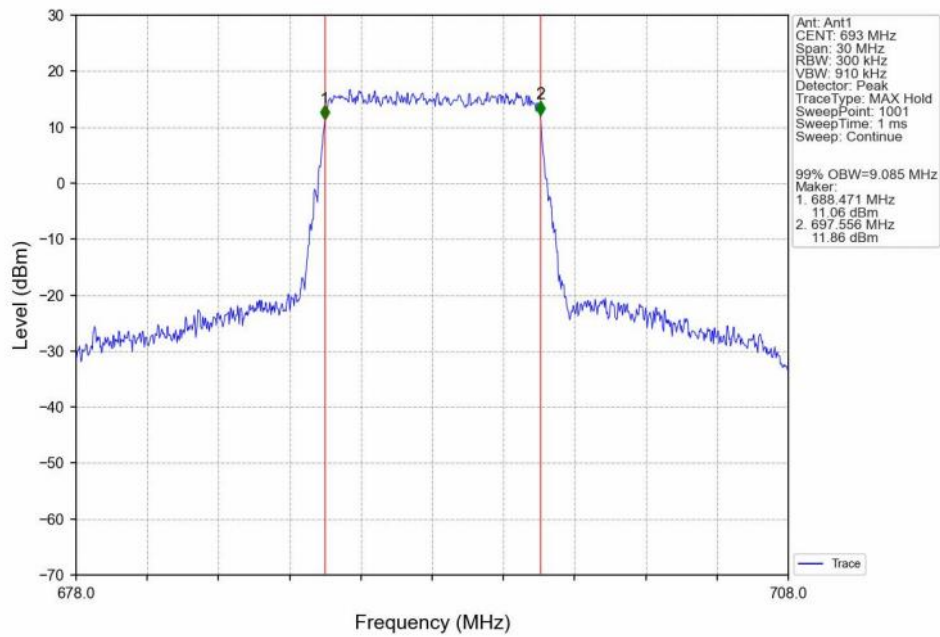
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



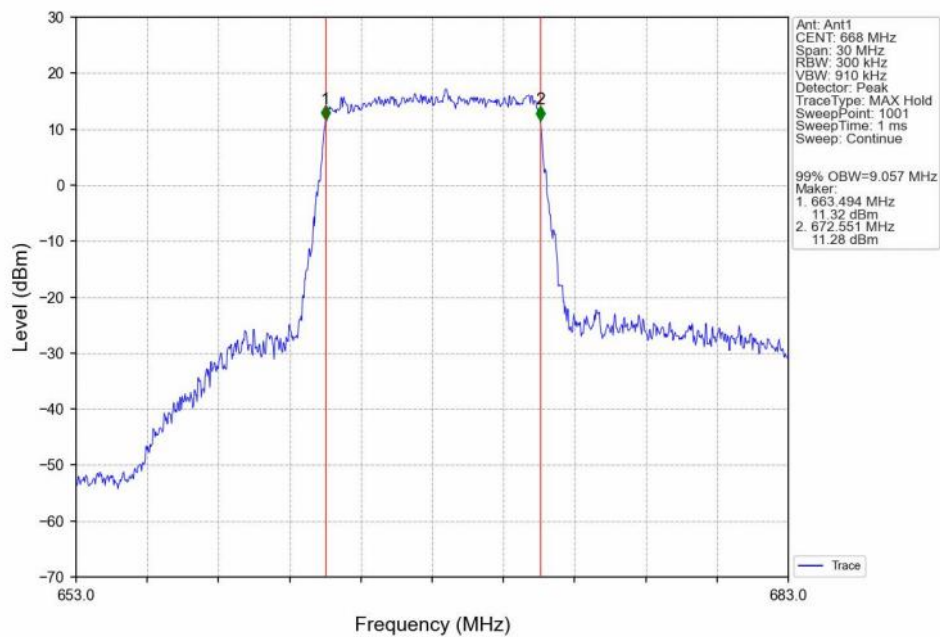
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



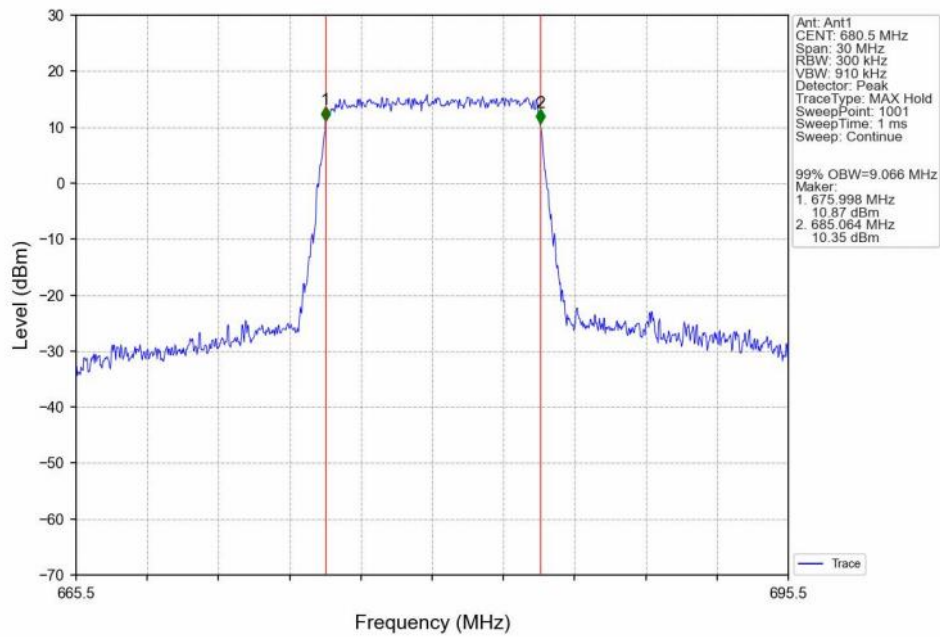
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



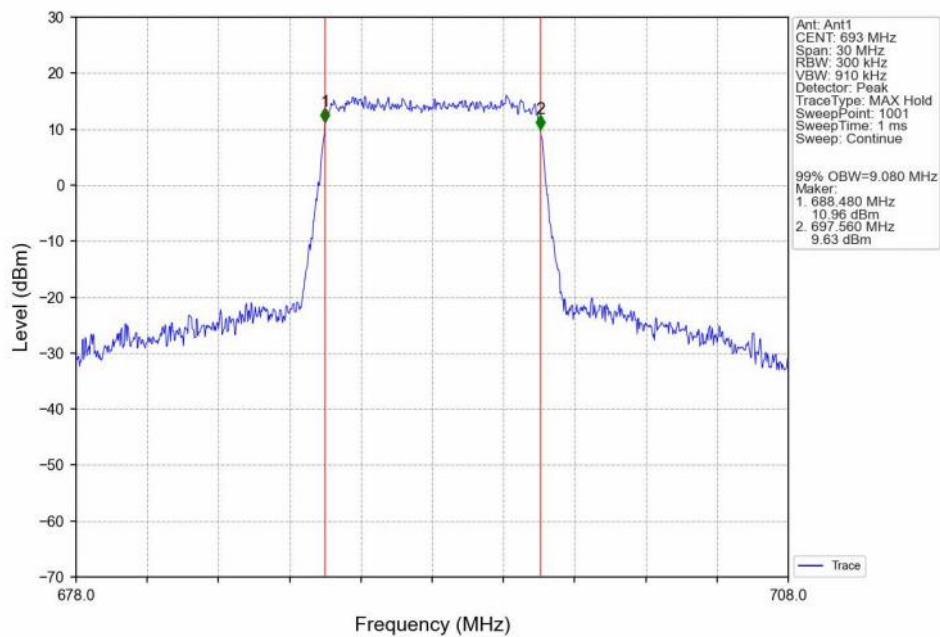
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



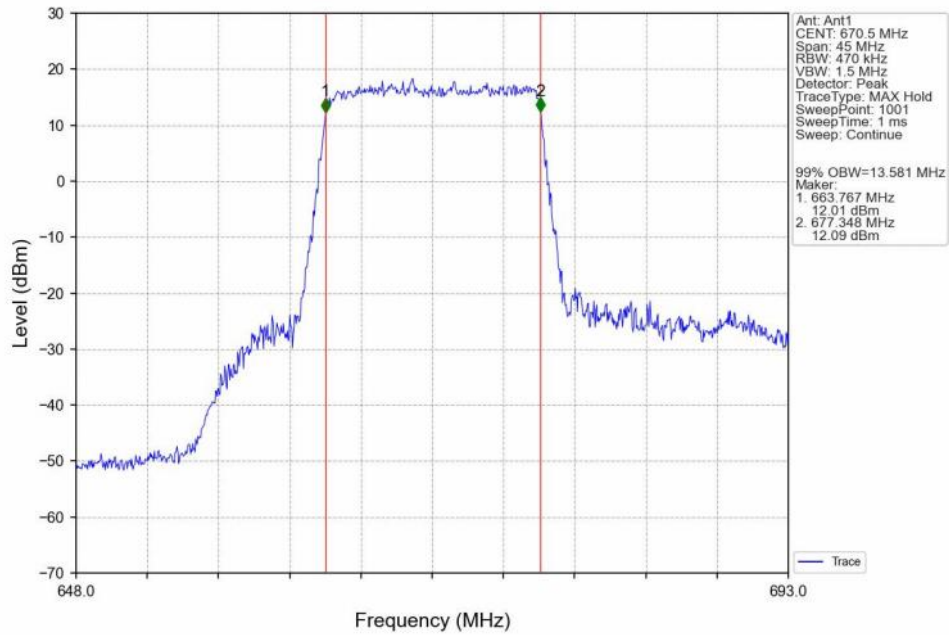
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



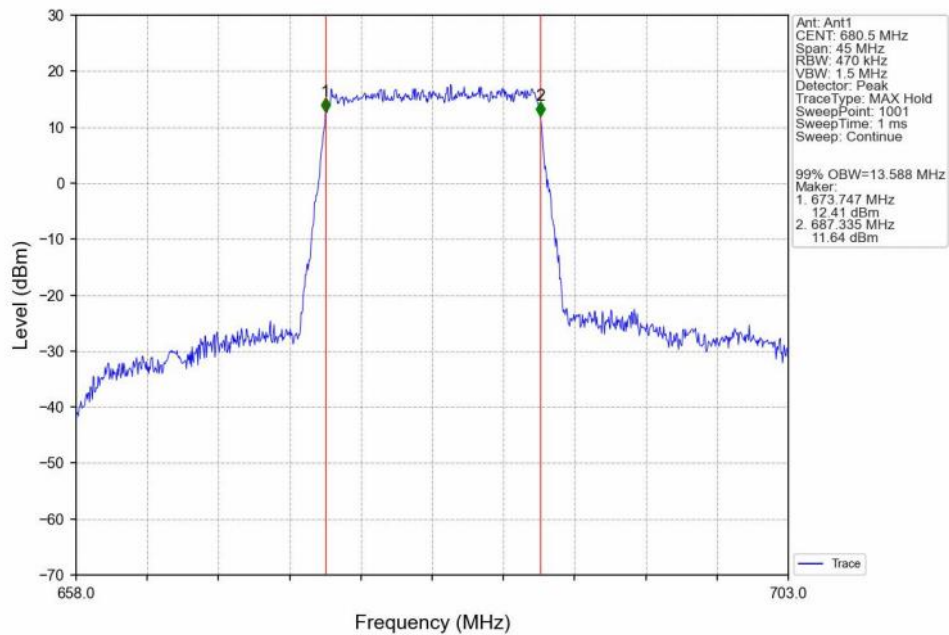
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



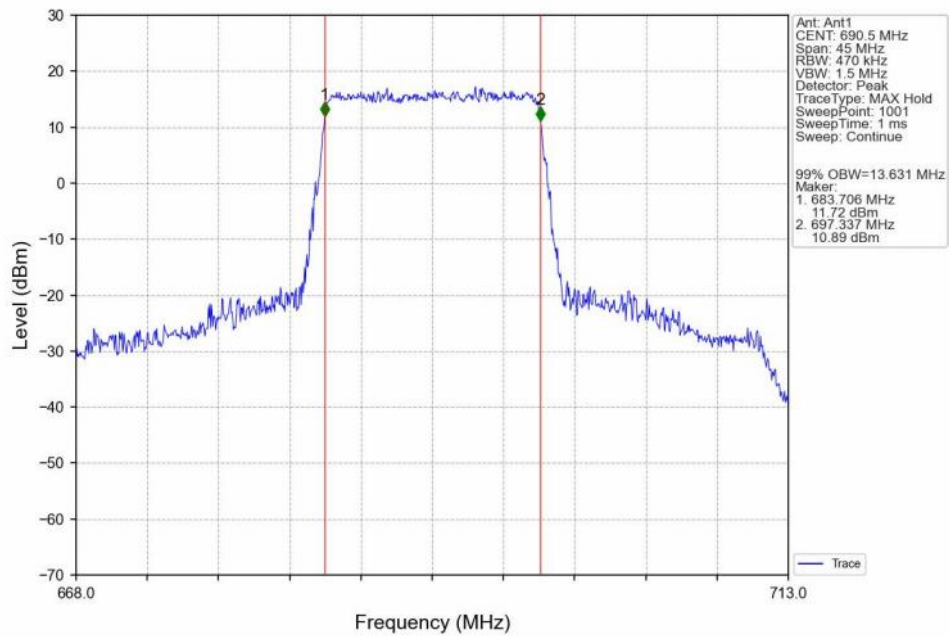
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



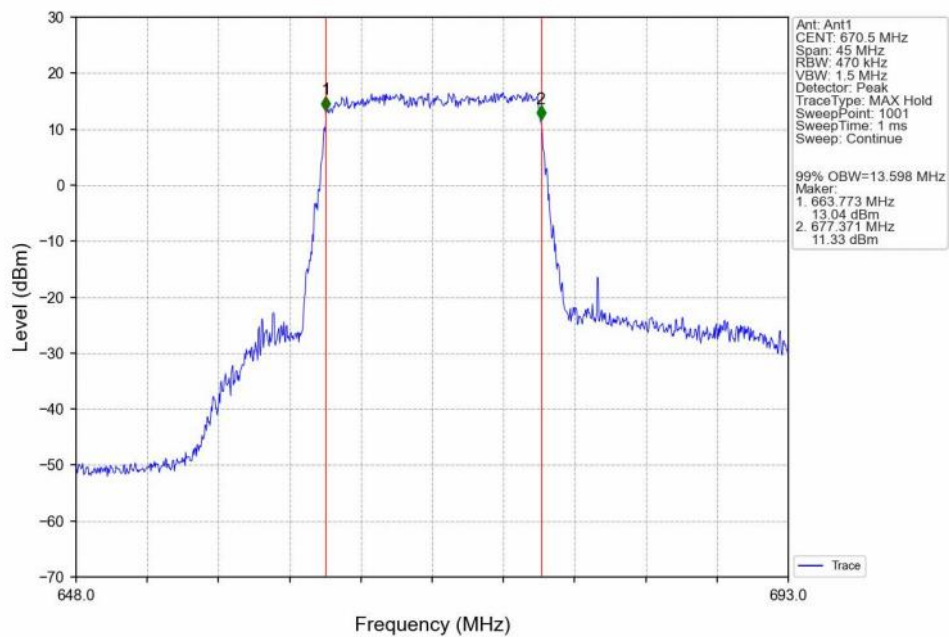
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



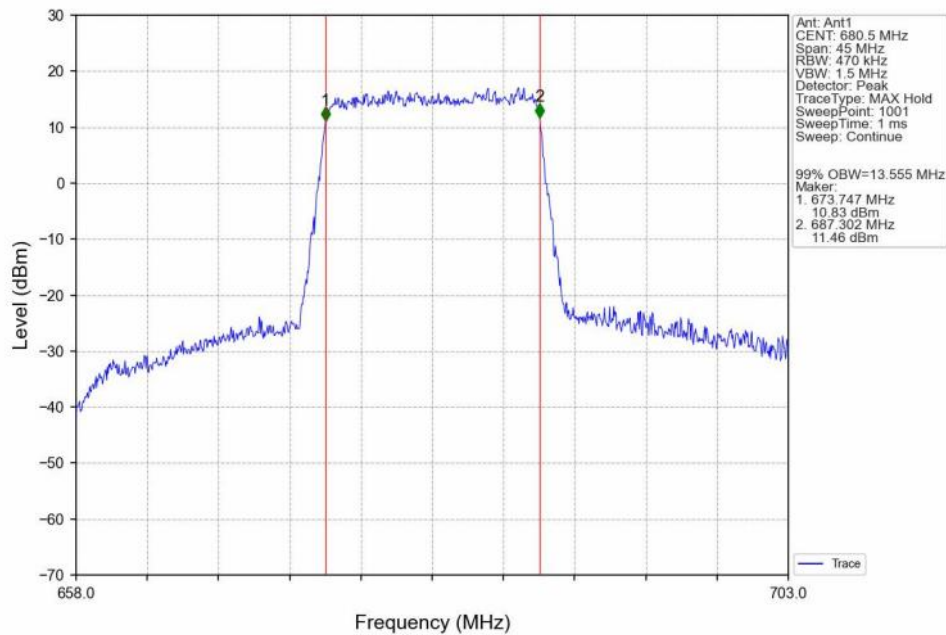
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



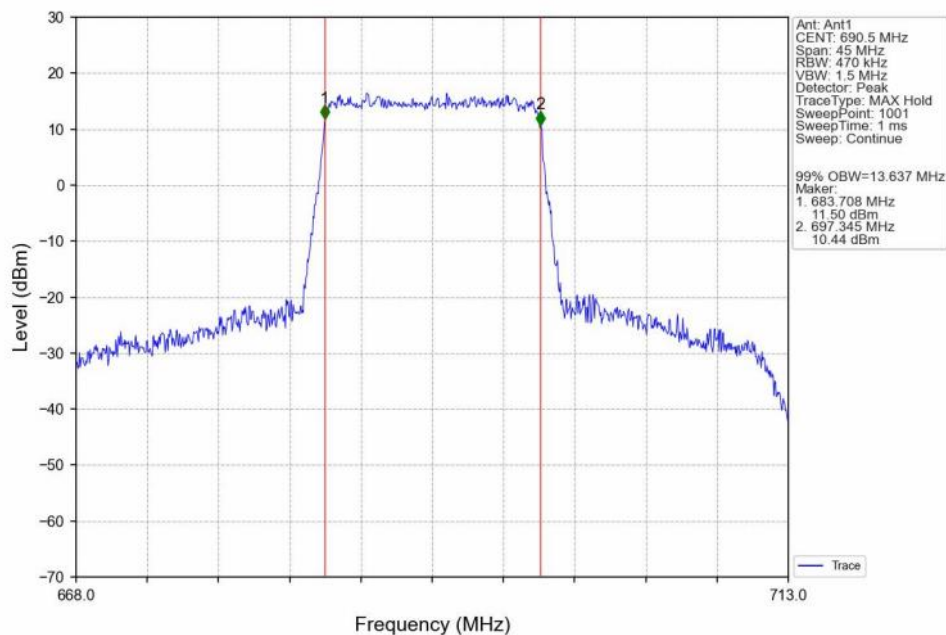
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



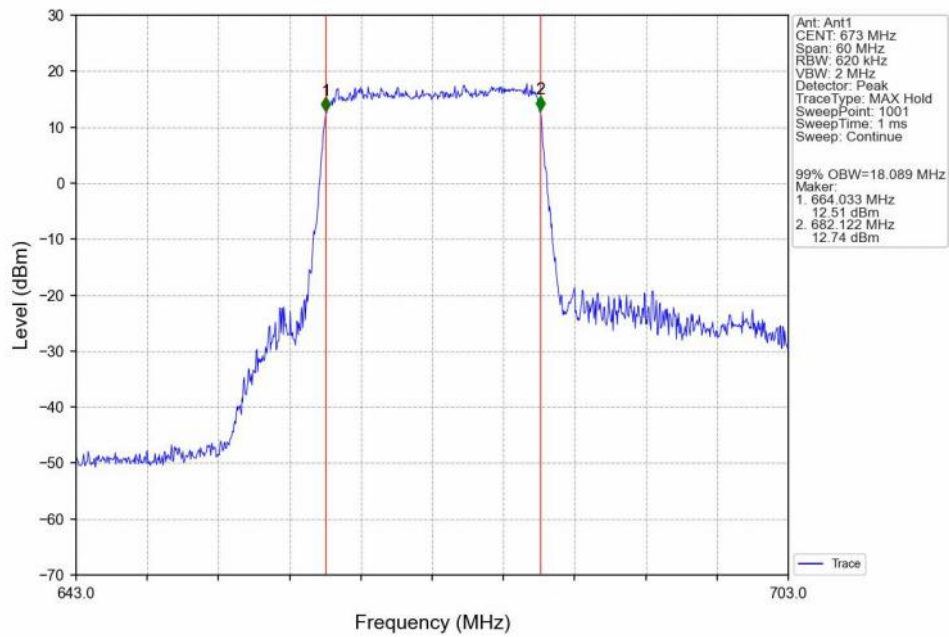
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



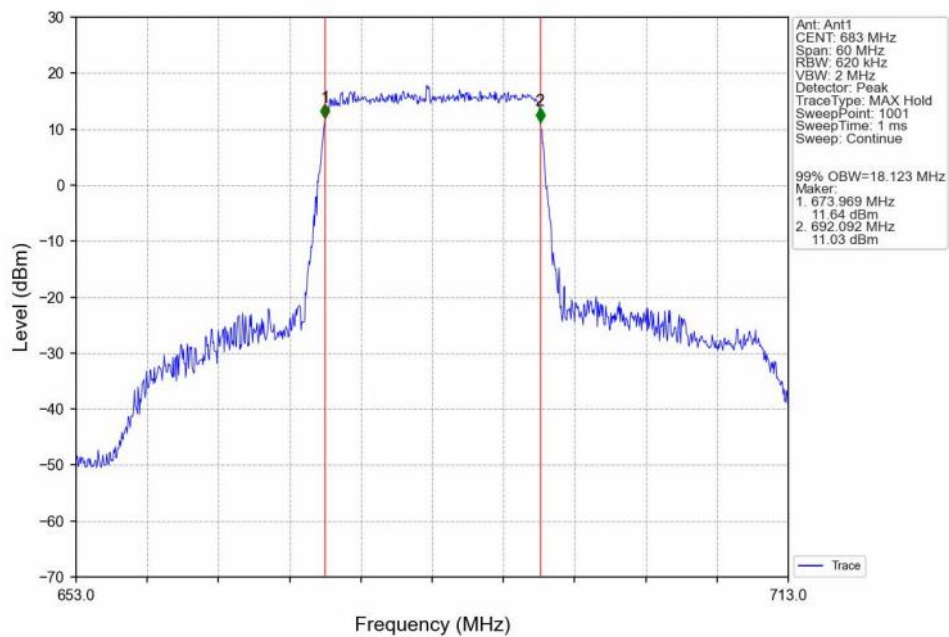
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



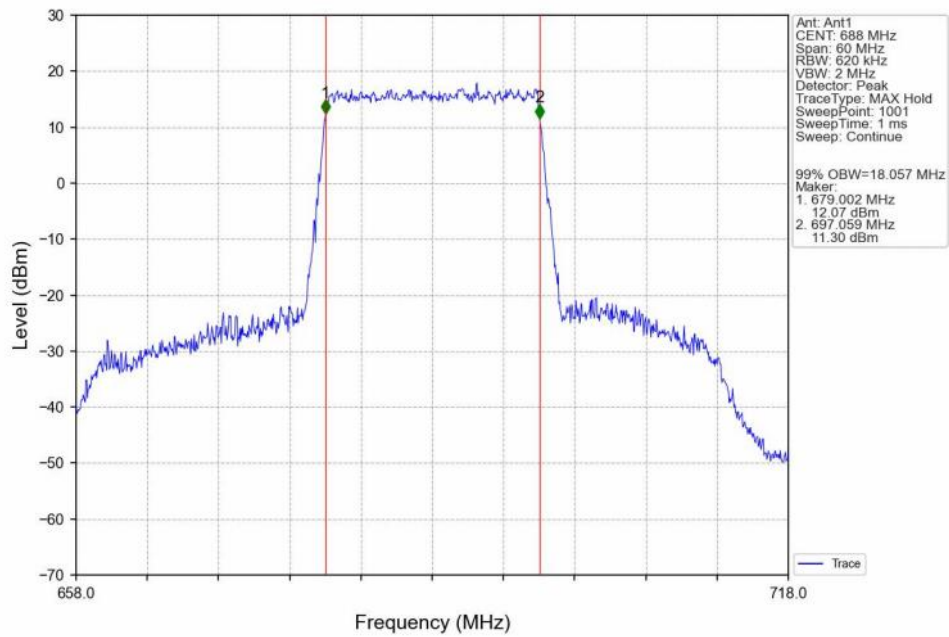
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



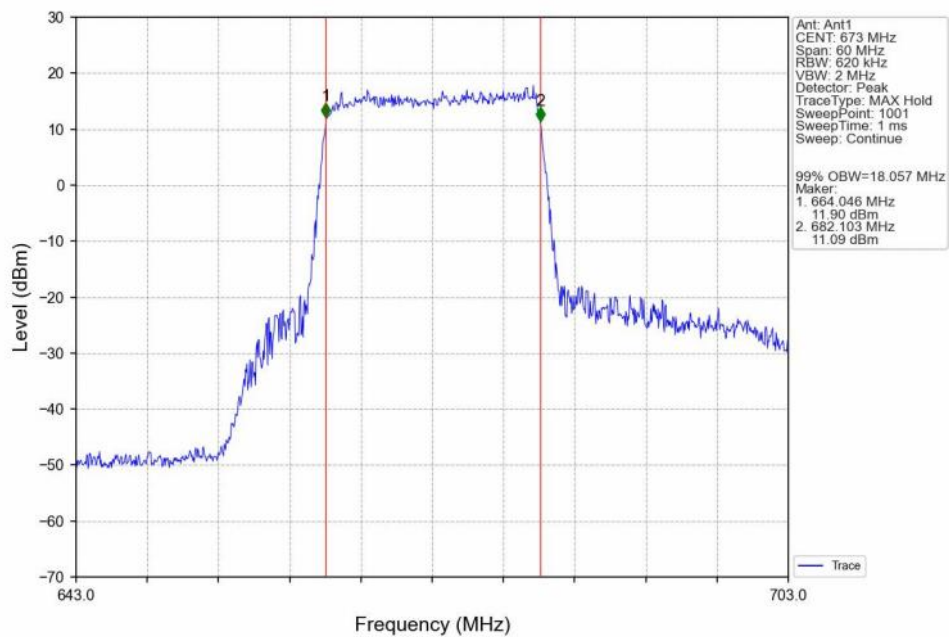
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



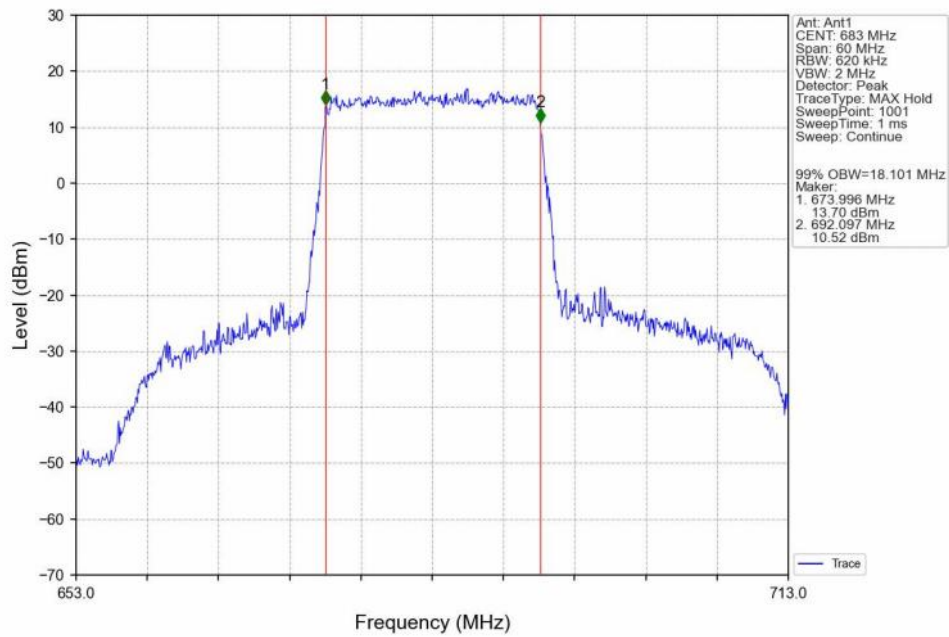
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



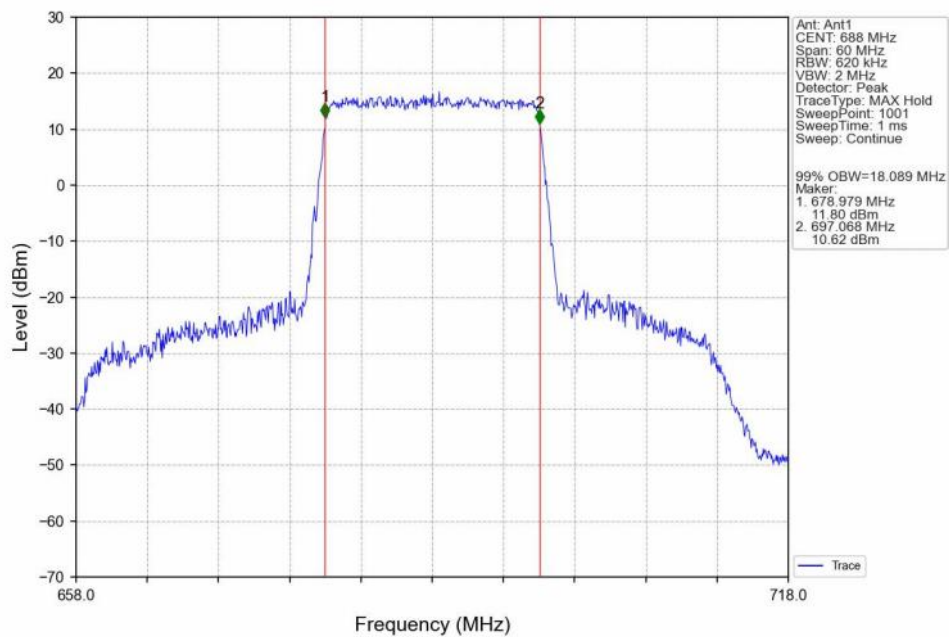
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



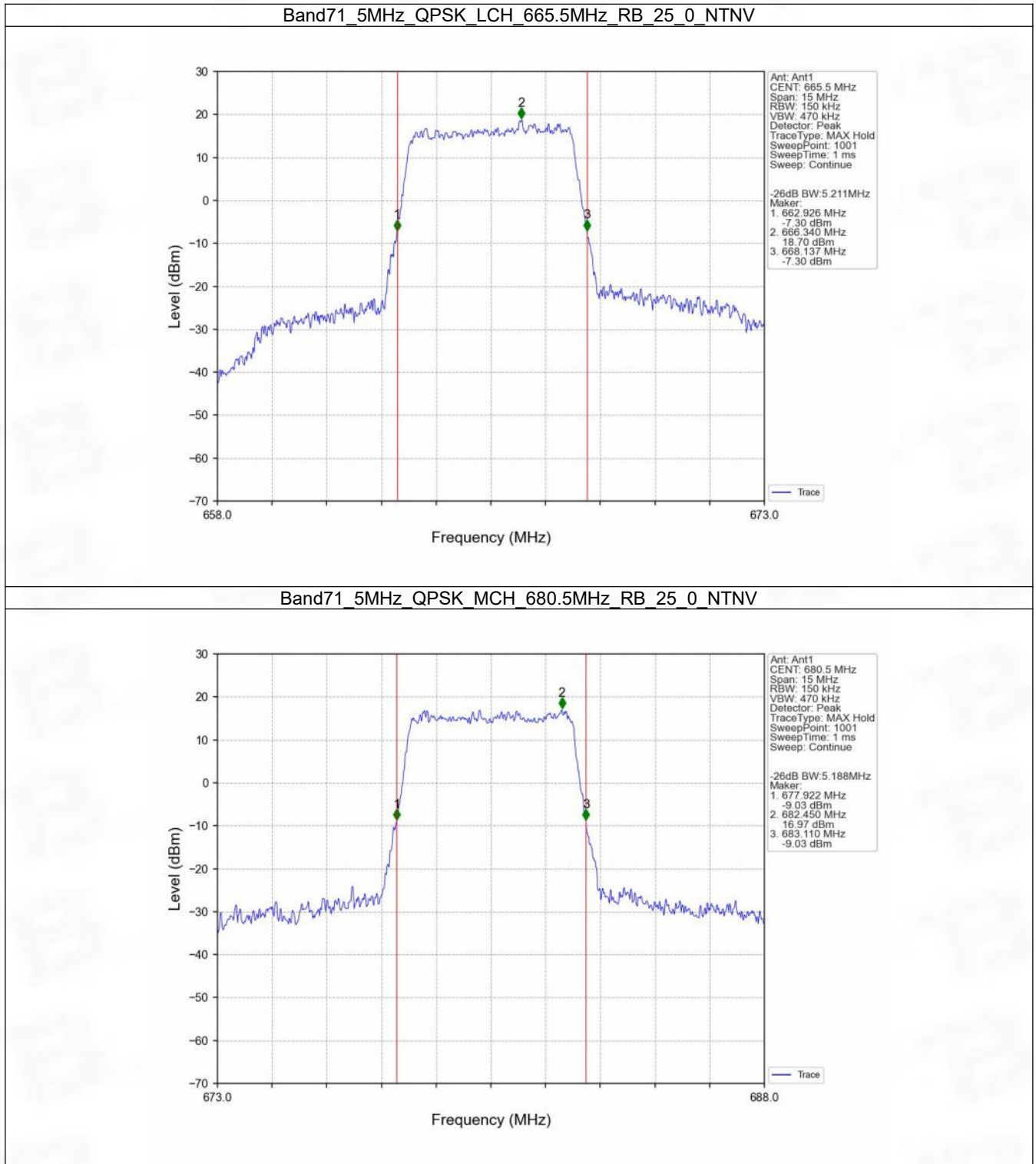
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



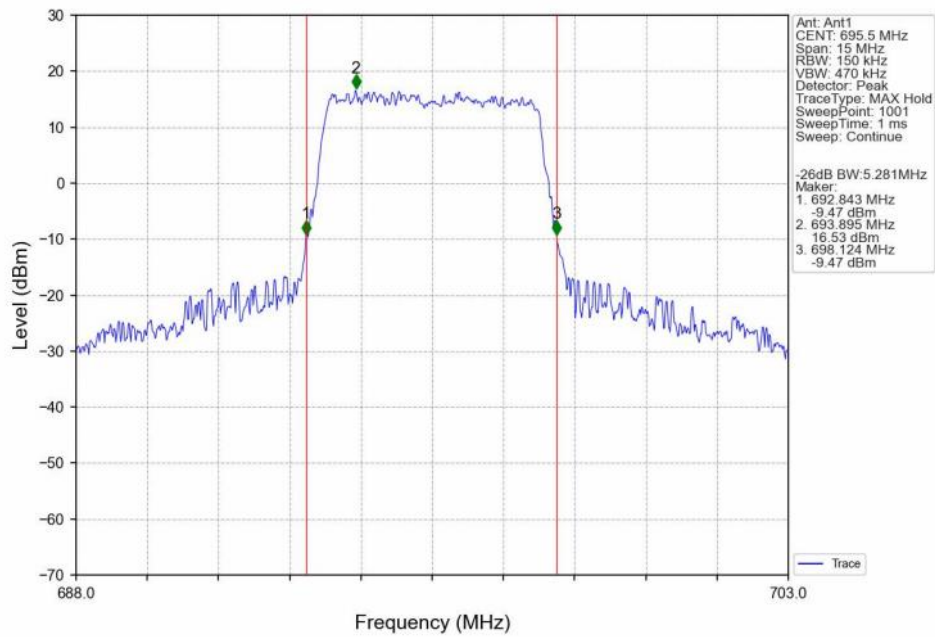
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



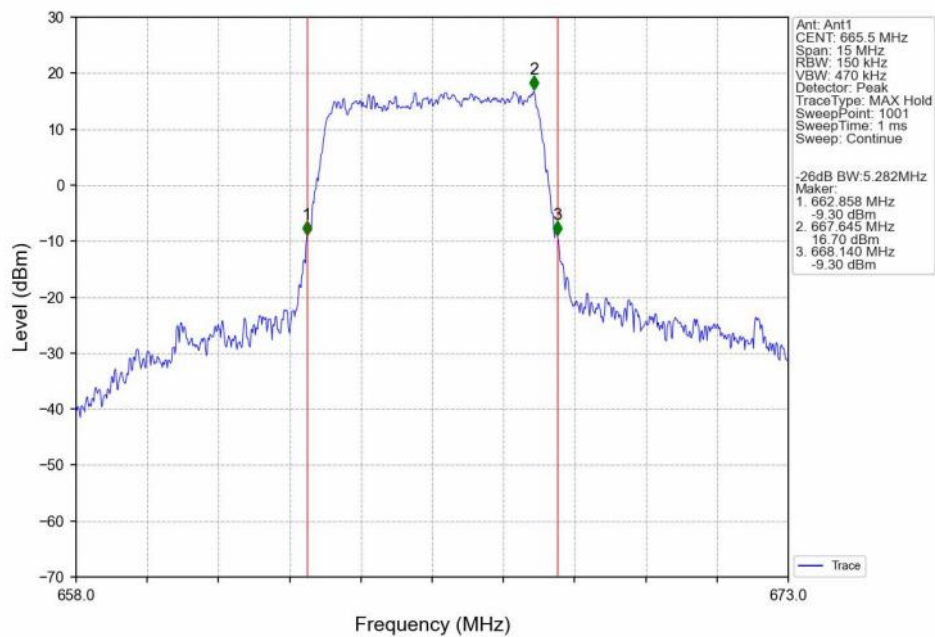
4.2.2 Band71_XDB



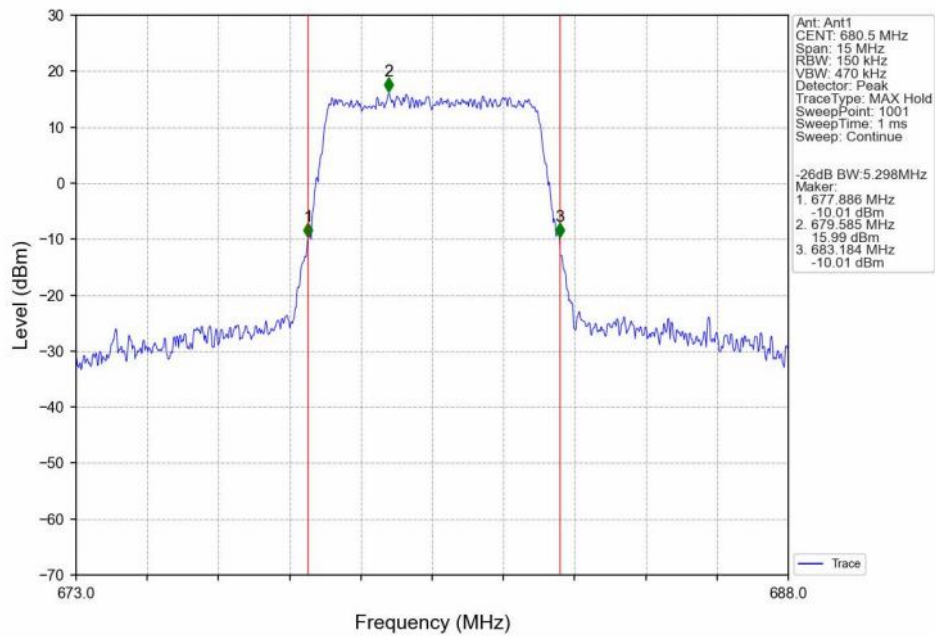
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



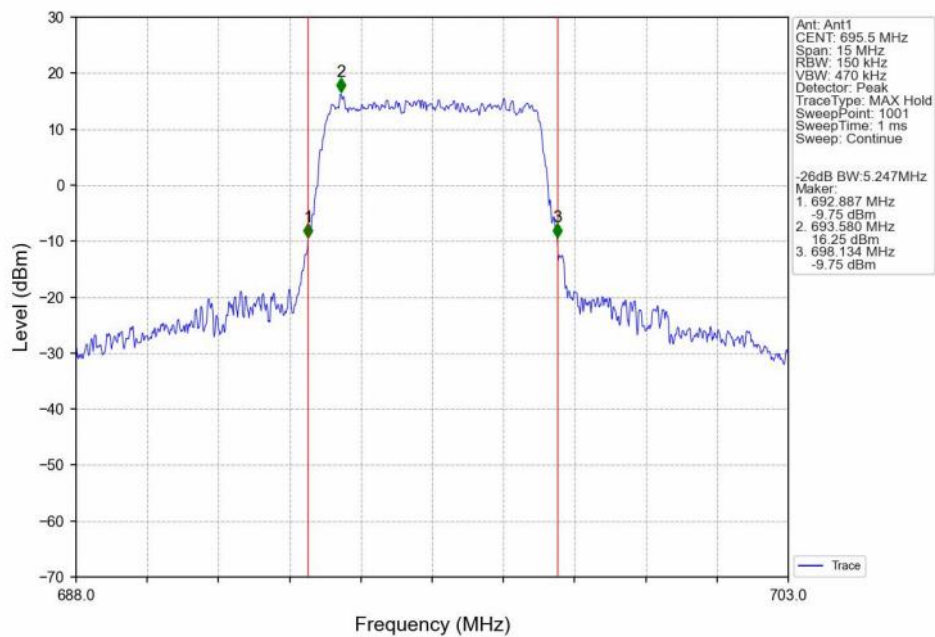
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



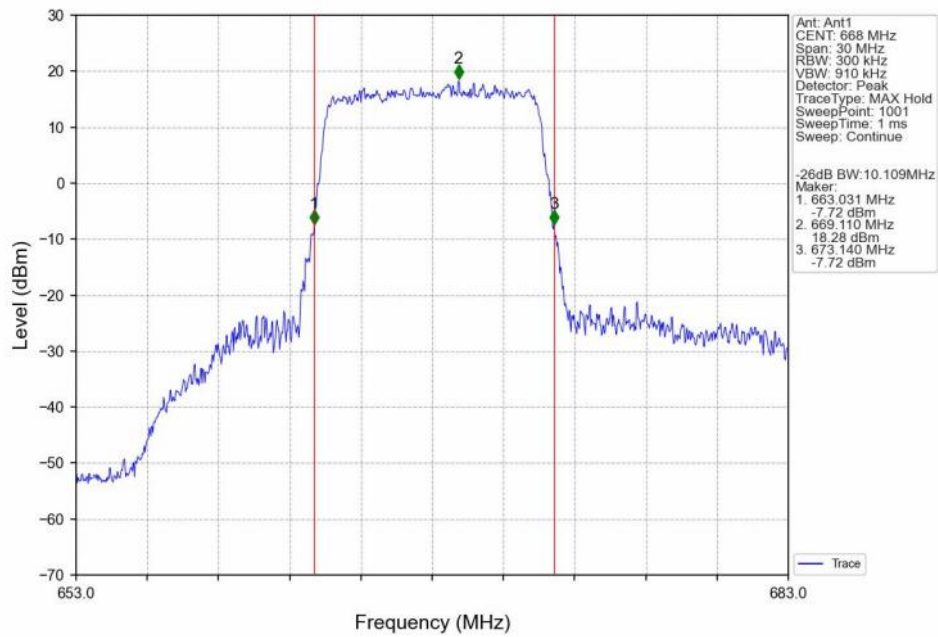
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



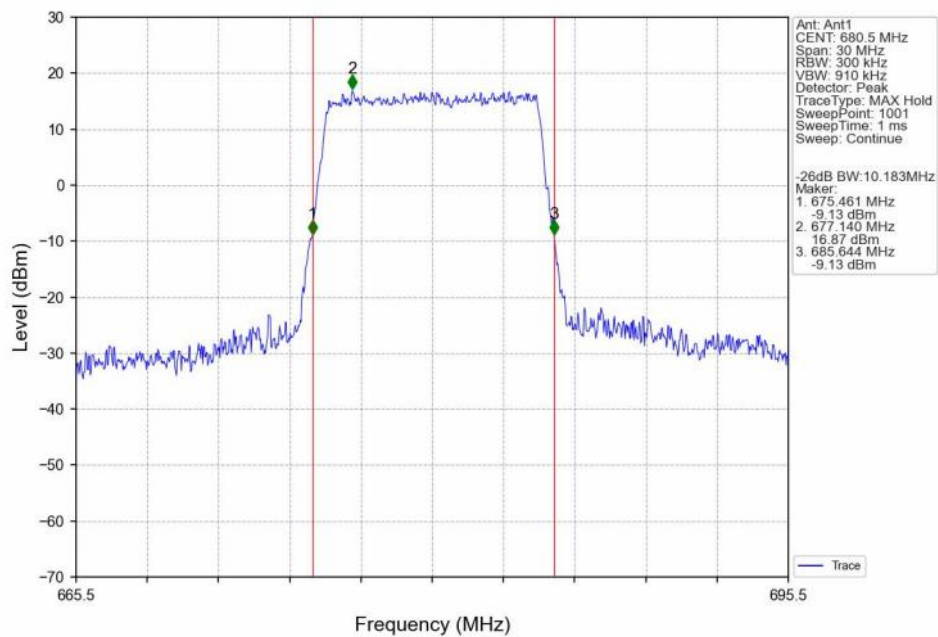
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



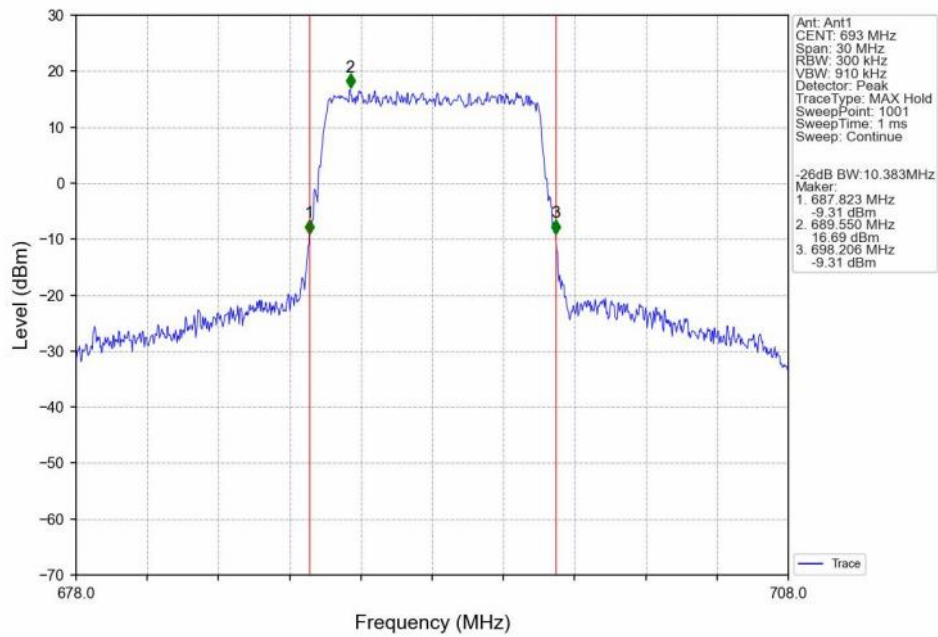
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



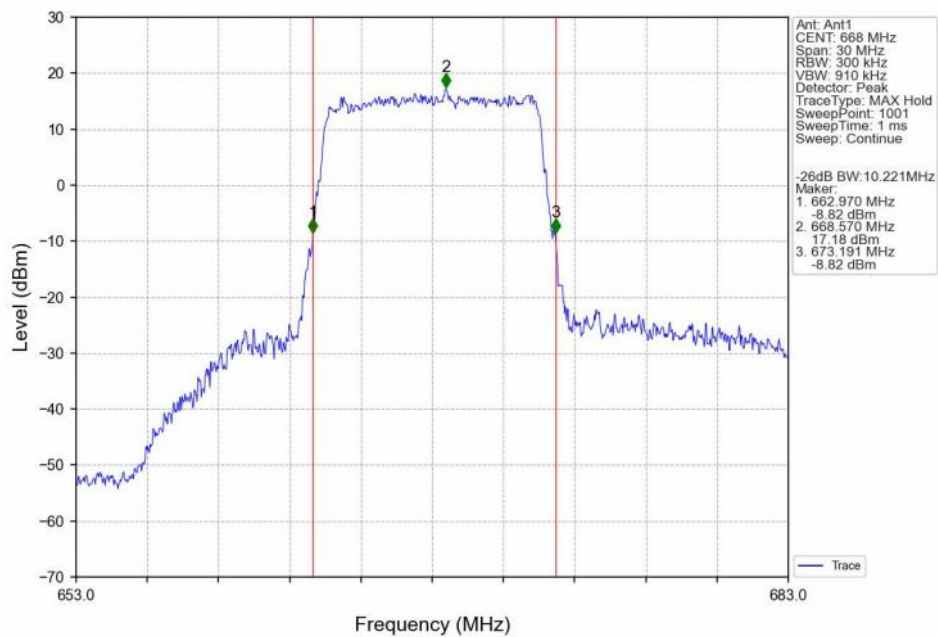
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



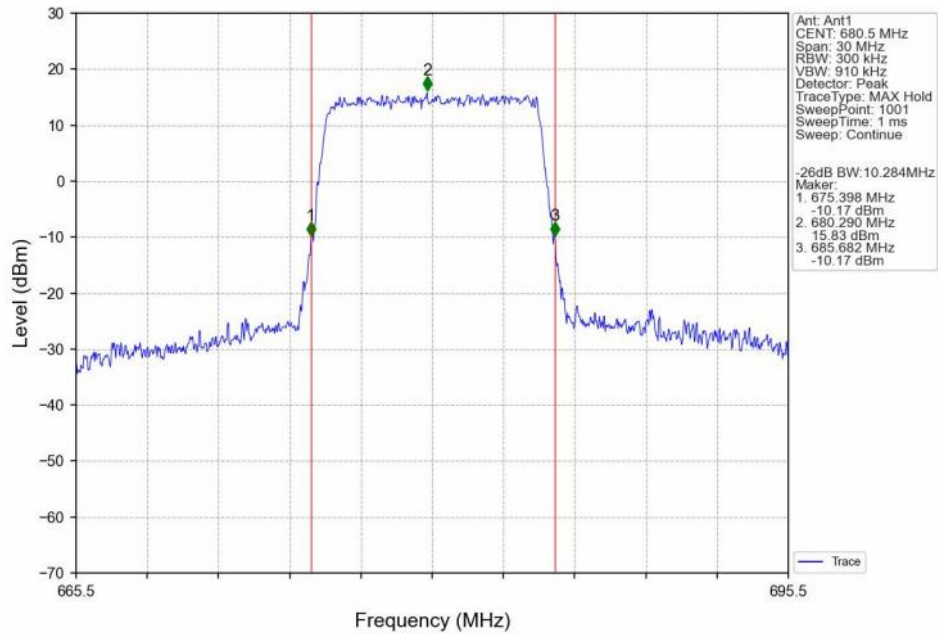
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



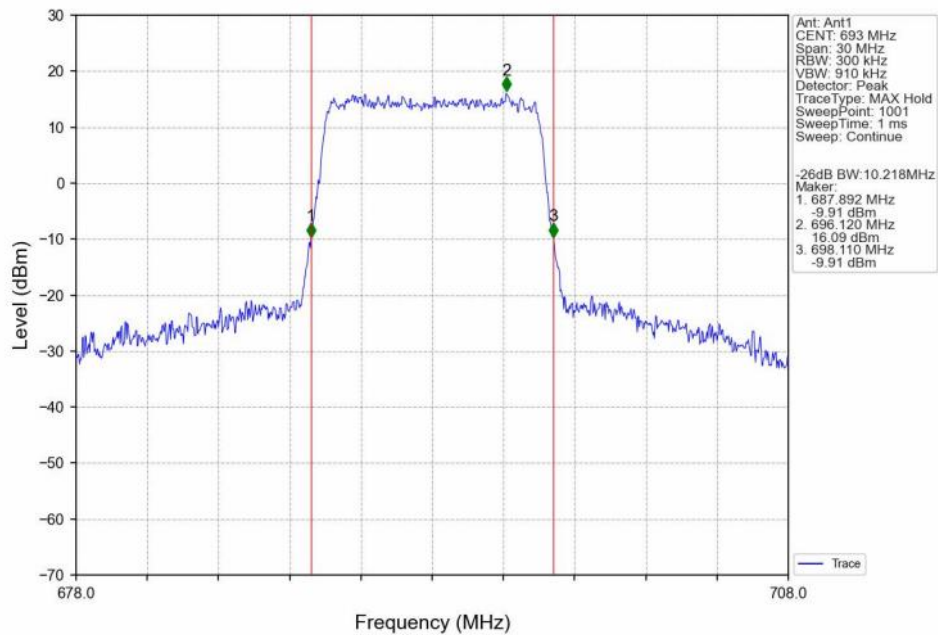
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



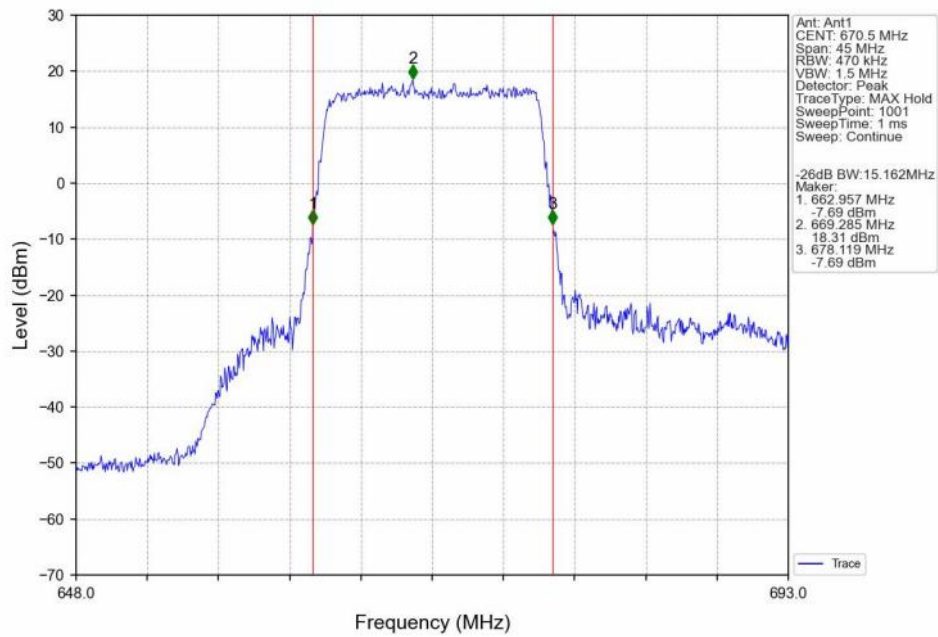
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



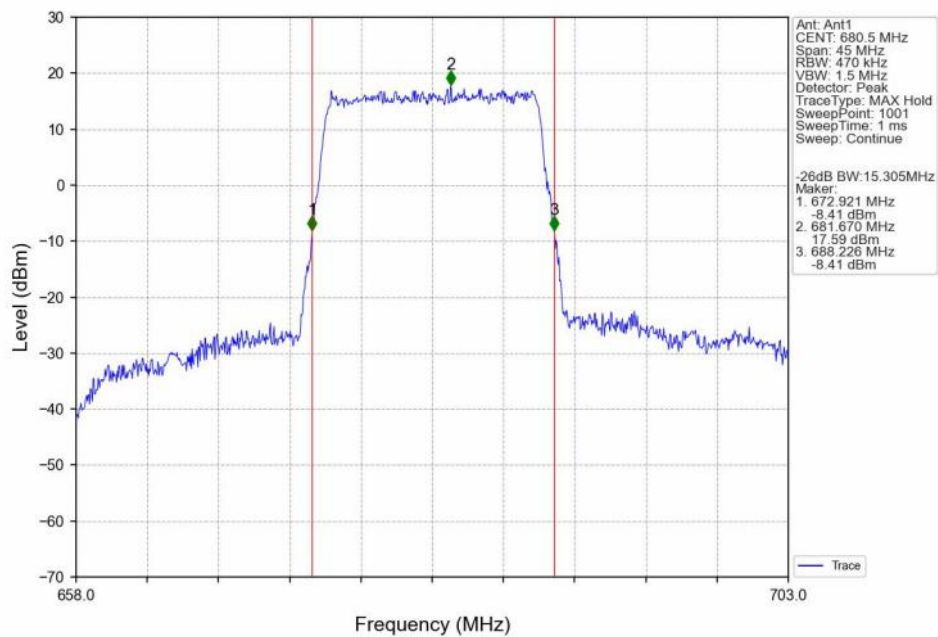
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



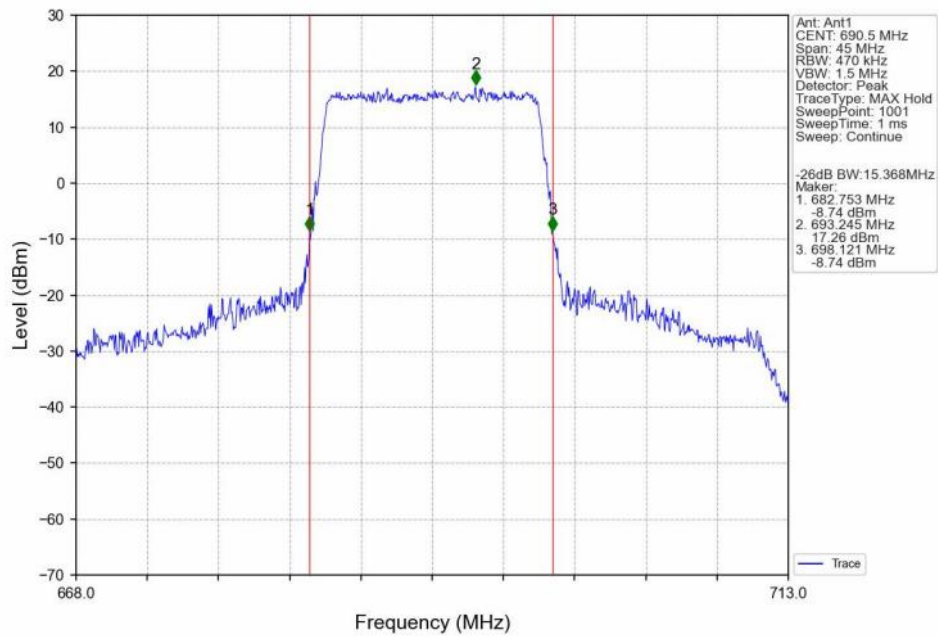
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



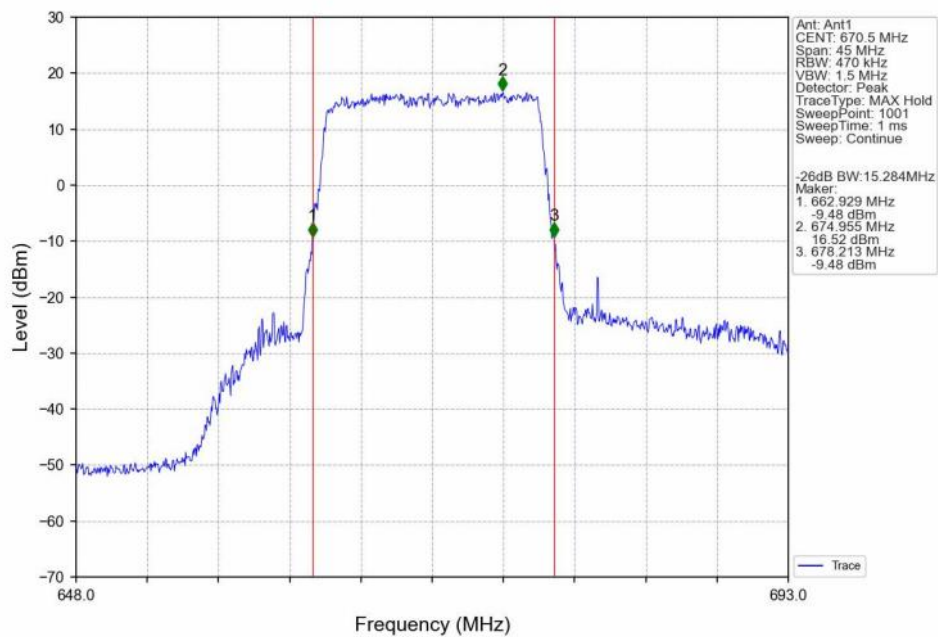
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



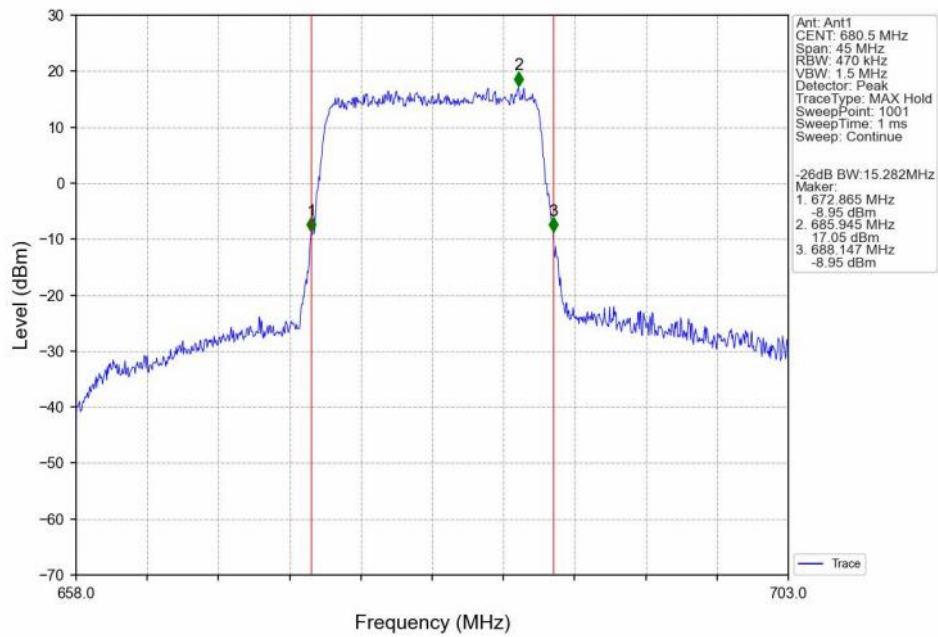
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



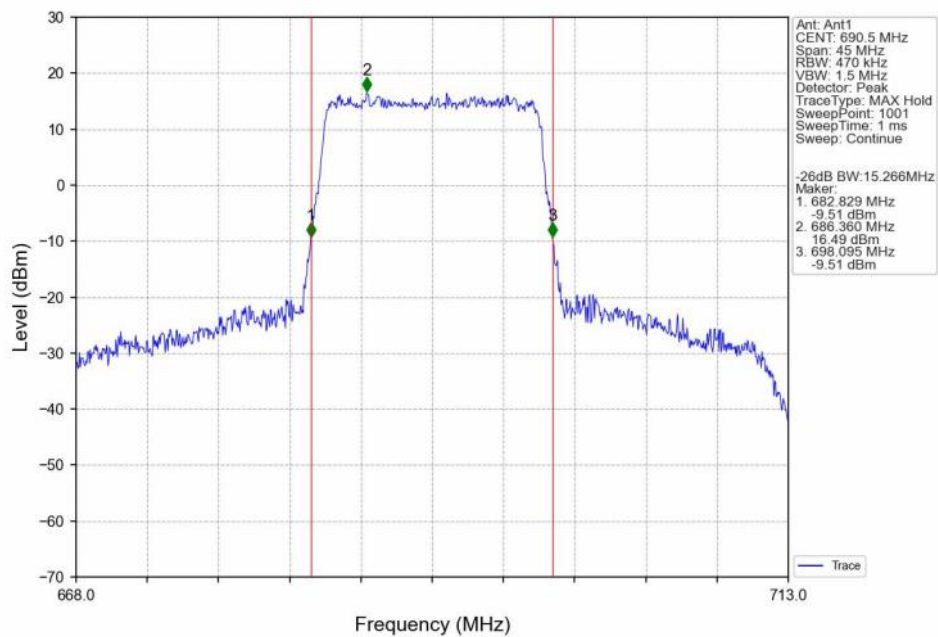
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



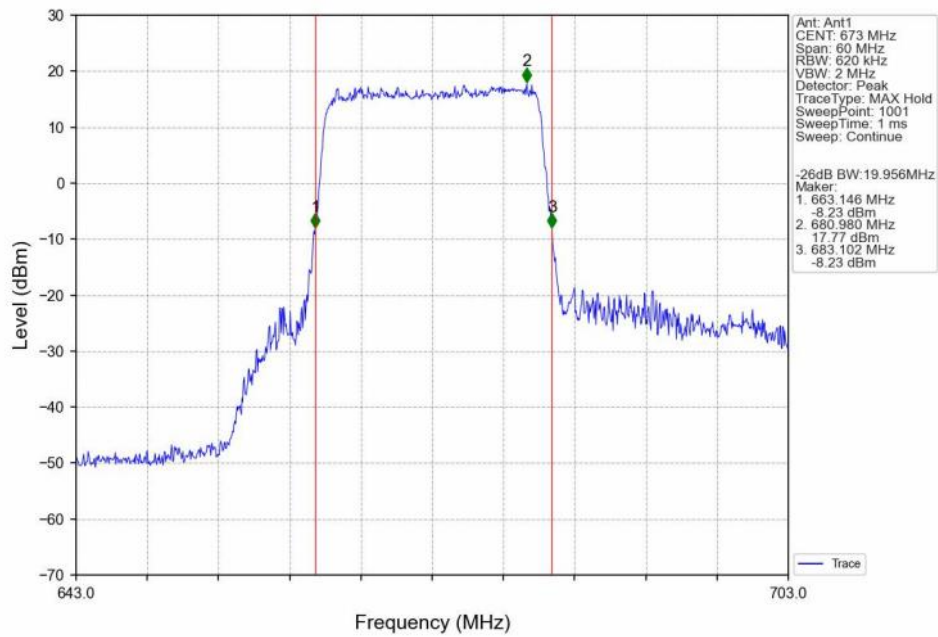
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



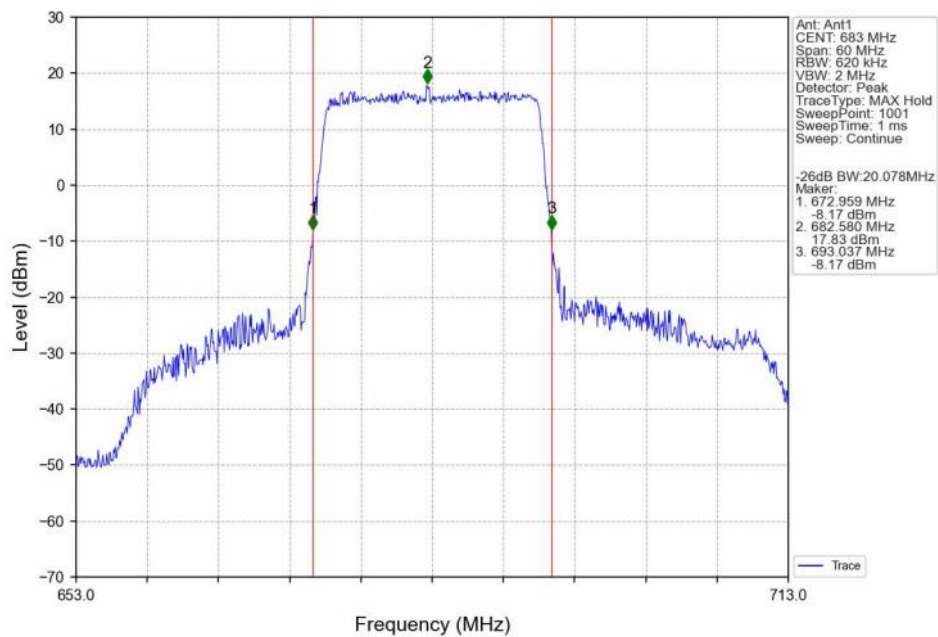
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



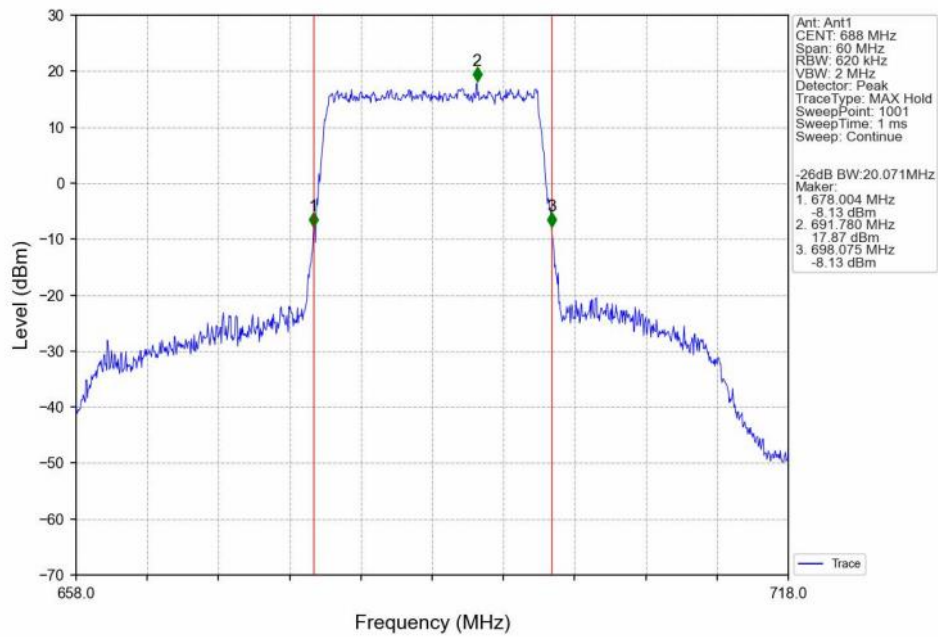
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



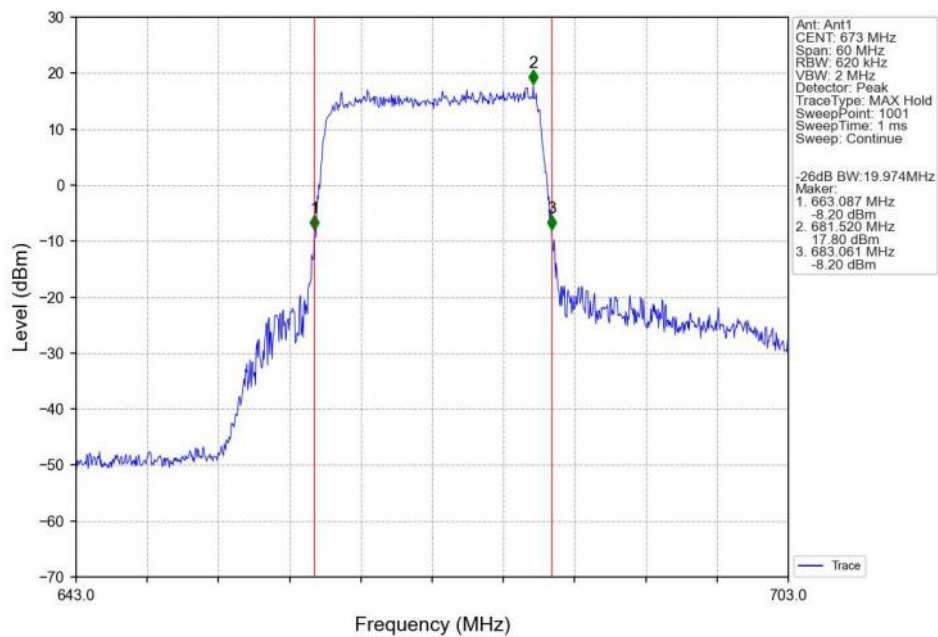
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



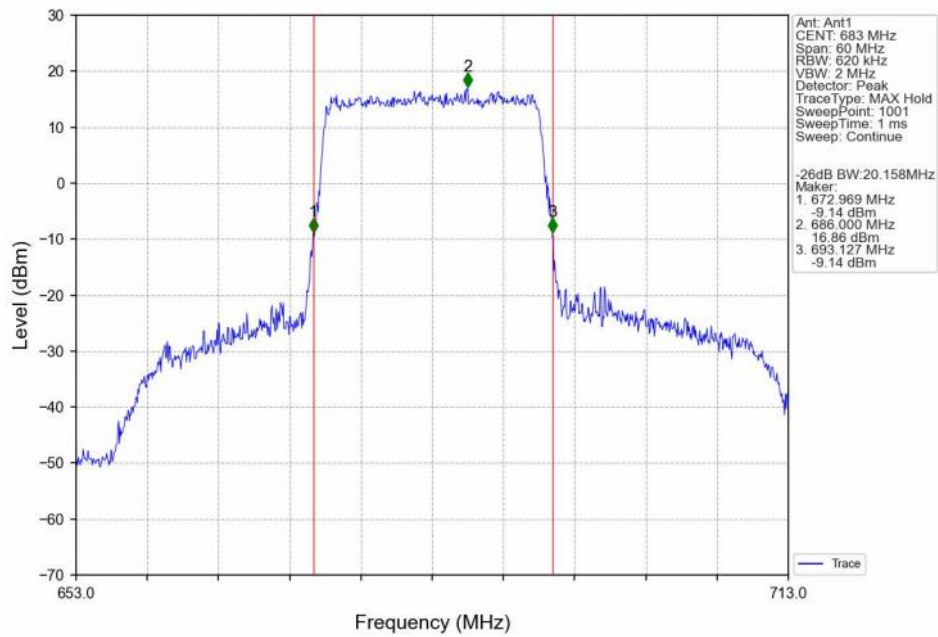
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



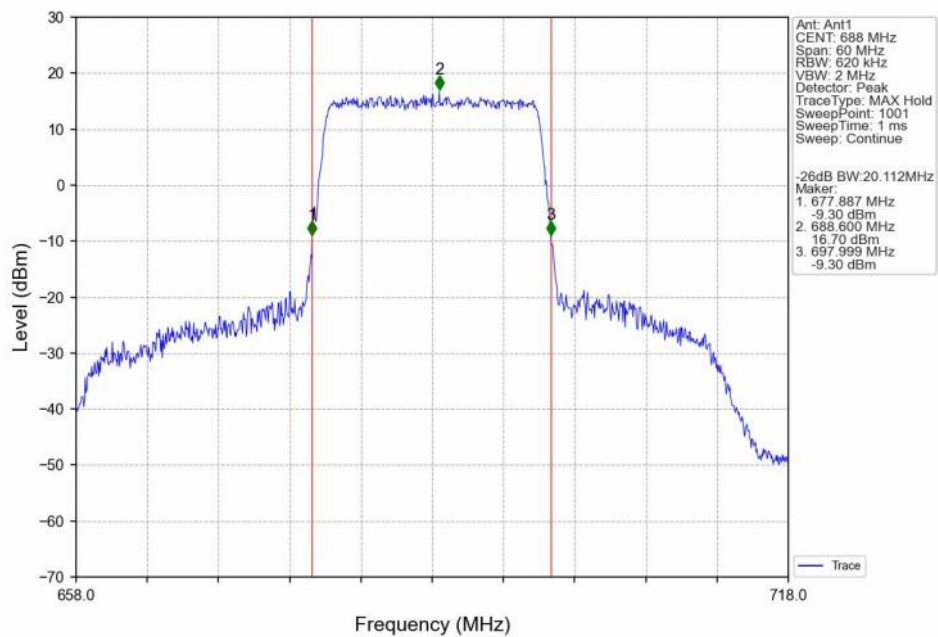
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



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	5.49	≤ 13	Pass
	680.5	25	0	5.73	≤ 13	Pass
	695.5	25	0	5.36	≤ 13	Pass
16QAM	665.5	25	0	6.21	≤ 13	Pass
	680.5	25	0	6.49	≤ 13	Pass
	695.5	25	0	6.12	≤ 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	5.50	≤ 13	Pass
	680.5	50	0	5.70	≤ 13	Pass
	693	50	0	5.43	≤ 13	Pass
16QAM	668	50	0	6.33	≤ 13	Pass
	680.5	50	0	6.51	≤ 13	Pass
	693	50	0	6.20	≤ 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	5.85	≤ 13	Pass
	680.5	75	0	5.93	≤ 13	Pass
	690.5	75	0	5.61	≤ 13	Pass
16QAM	670.5	75	0	6.46	≤ 13	Pass
	680.5	75	0	6.55	≤ 13	Pass
	690.5	75	0	6.29	≤ 13	Pass

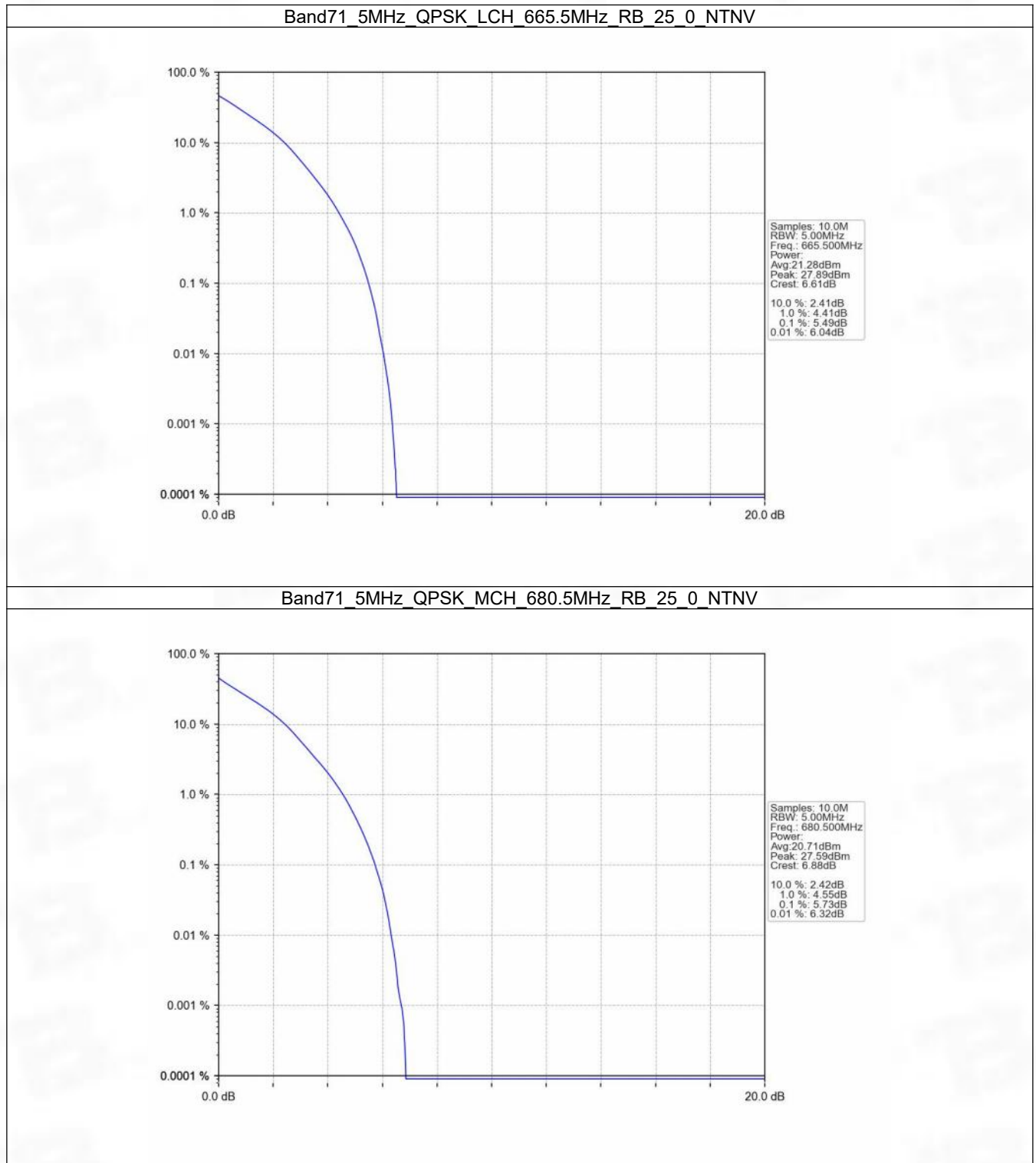
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.67	≤ 13	Pass
	683	100	0	5.66	≤ 13	Pass
	688	100	0	5.55	≤ 13	Pass
16QAM	673	100	0	6.45	≤ 13	Pass
	683	100	0	6.43	≤ 13	Pass

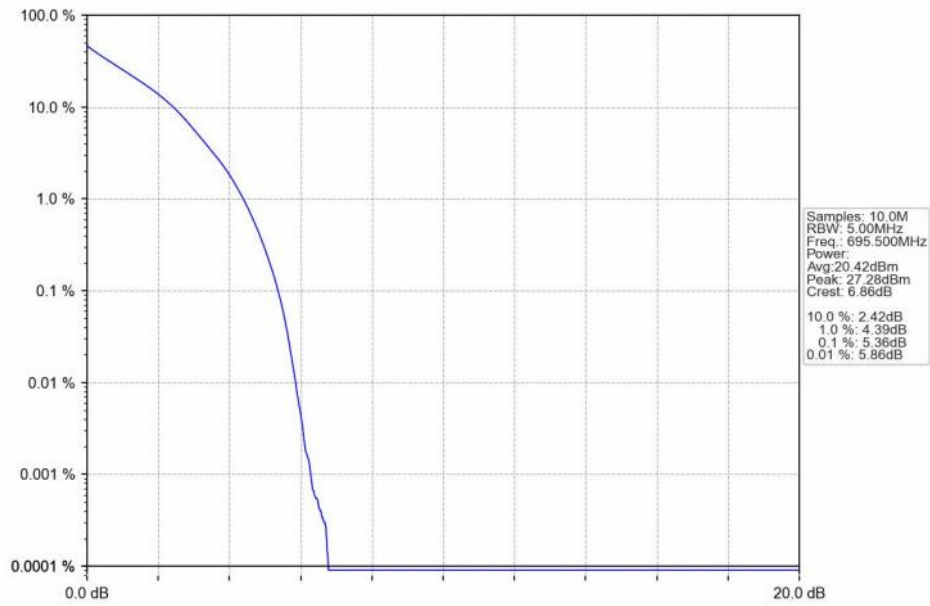
	688	100	0	6.35	<=13	Pass
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5.2 Test Graph

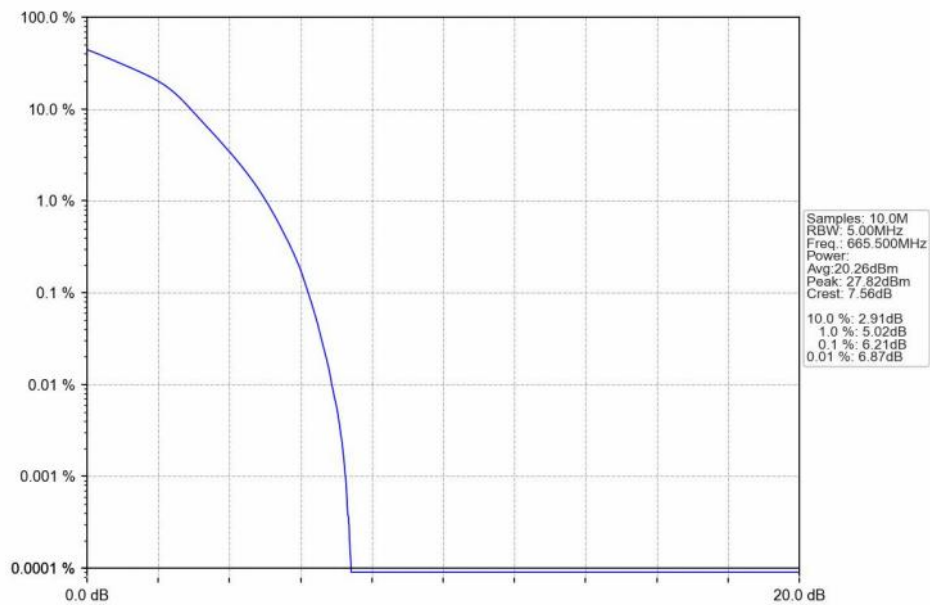
5.2.1 B71_5MHz



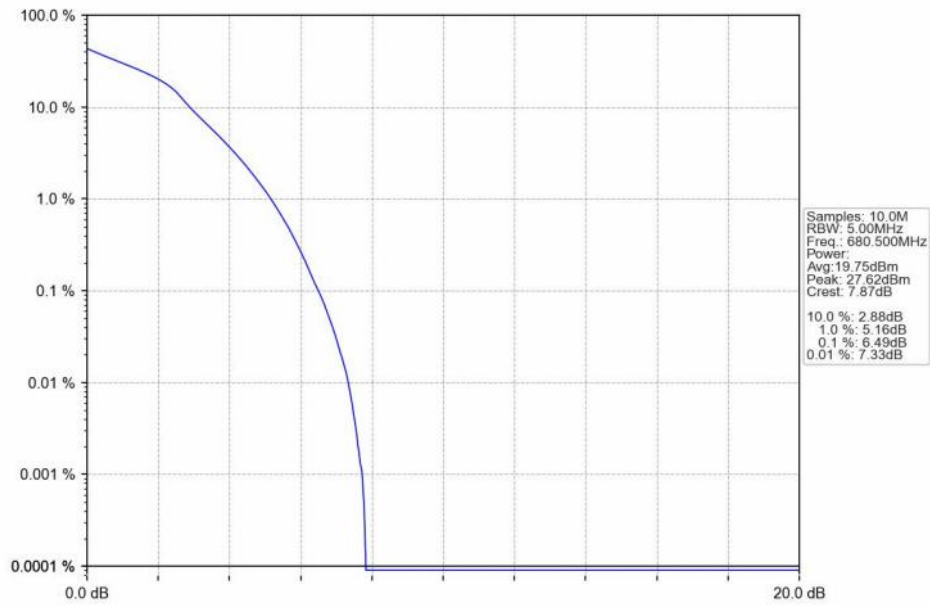
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



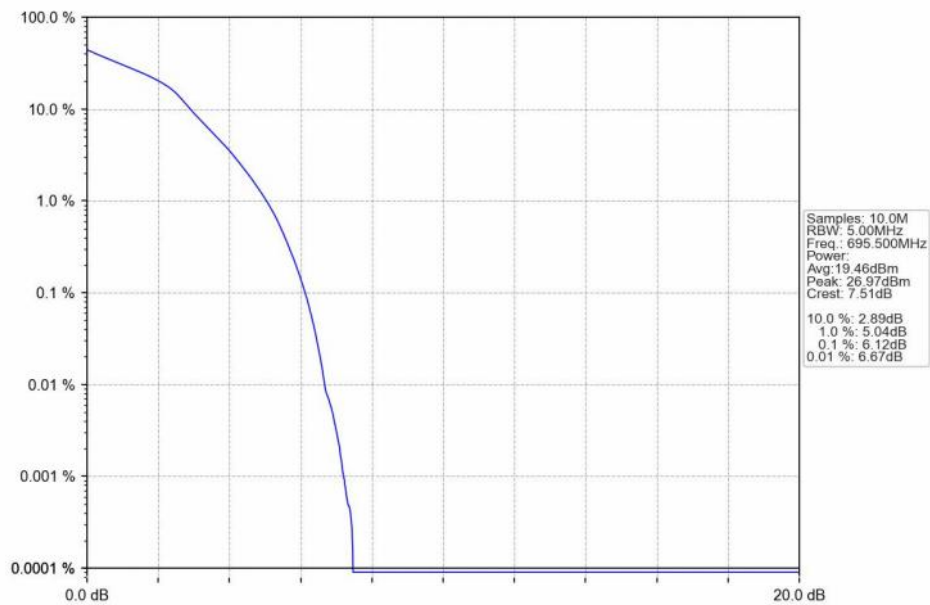
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



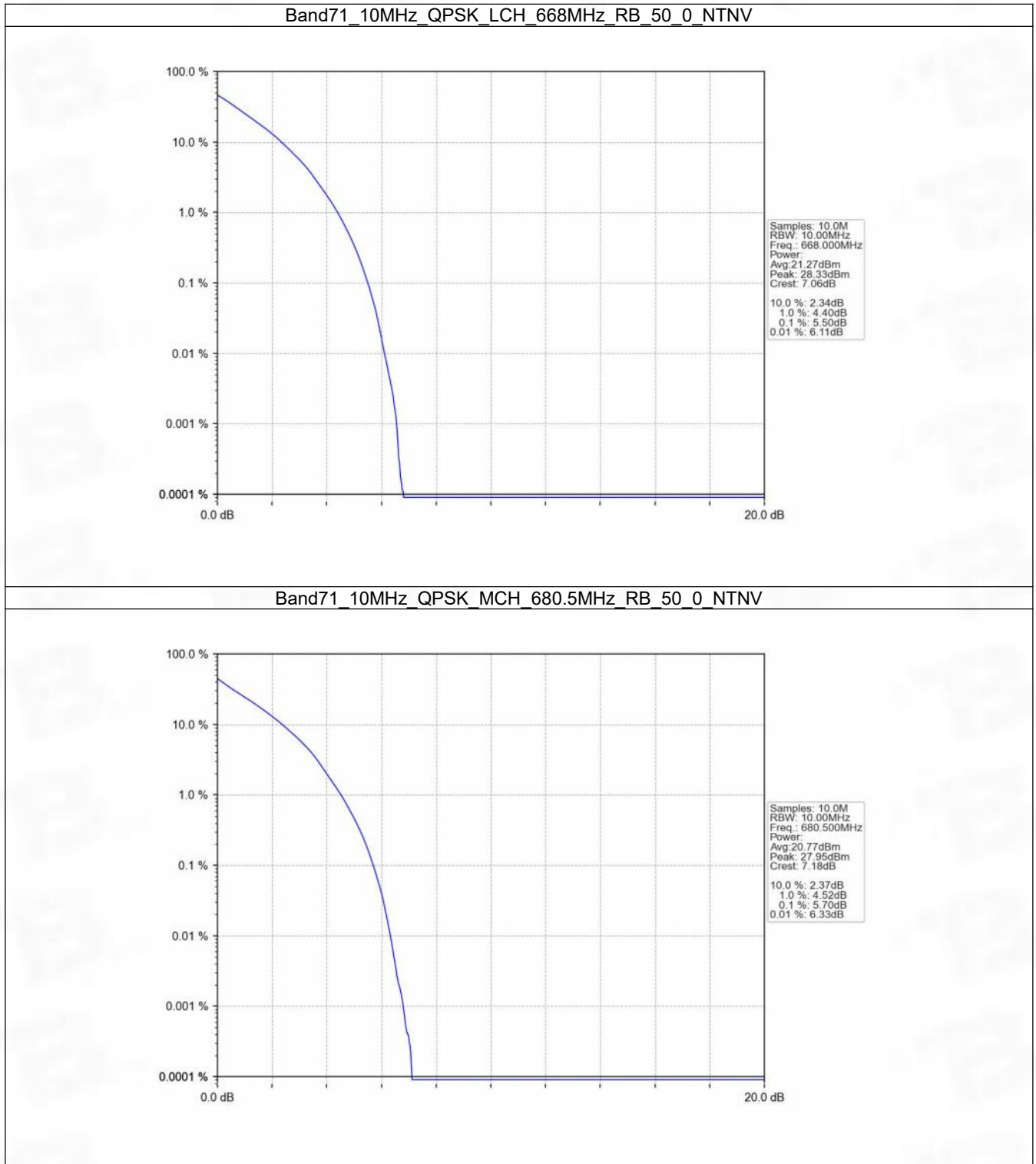
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



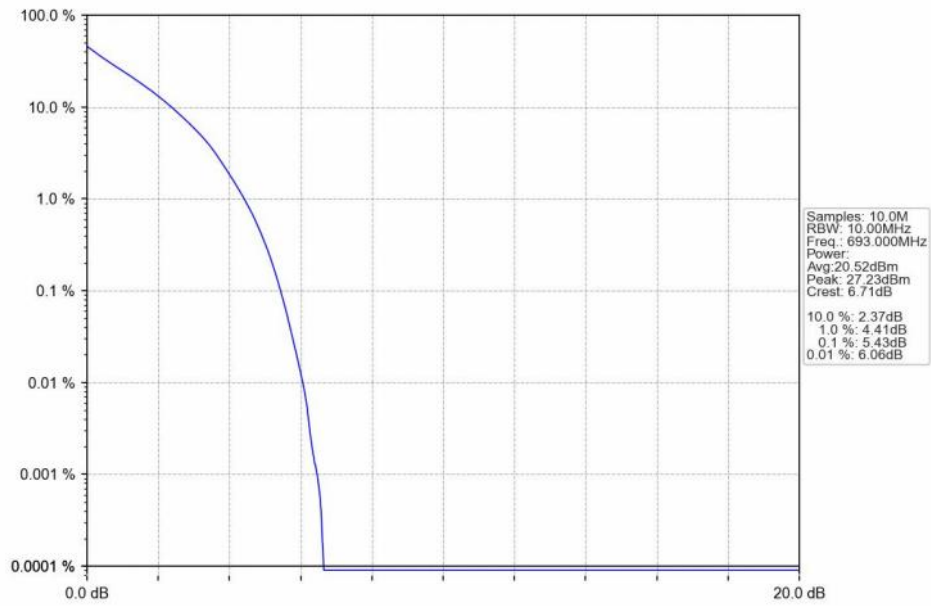
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



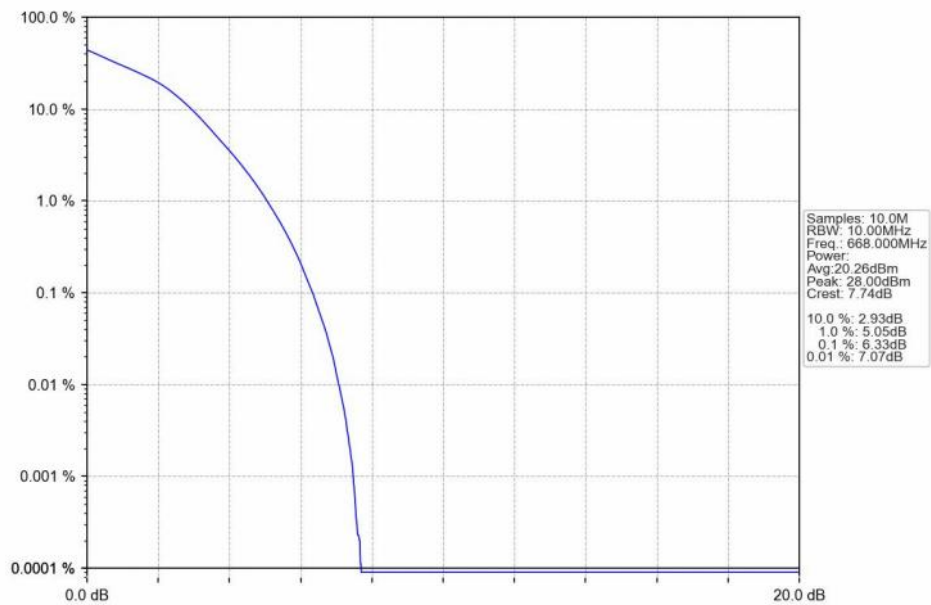
5.2.2 B71_10MHz



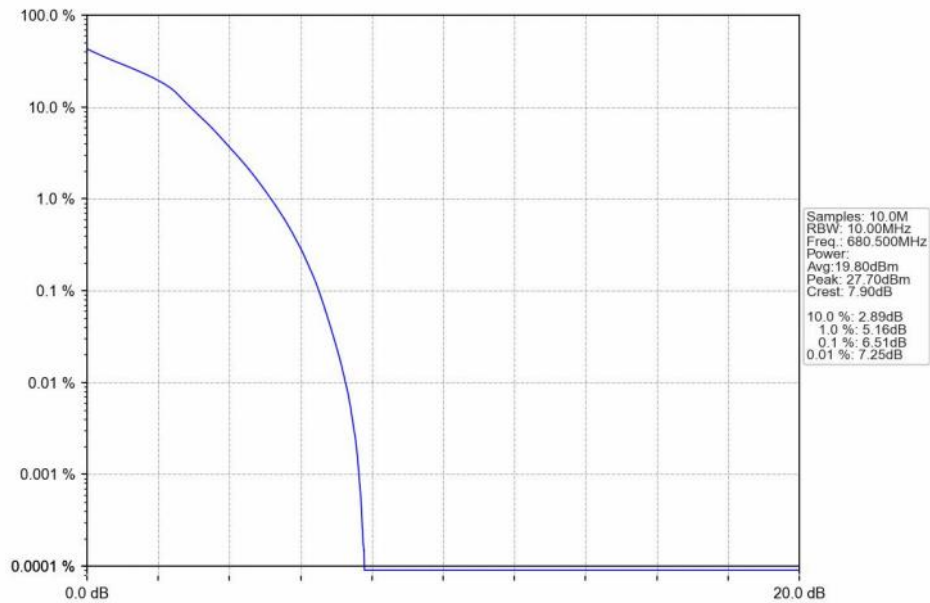
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



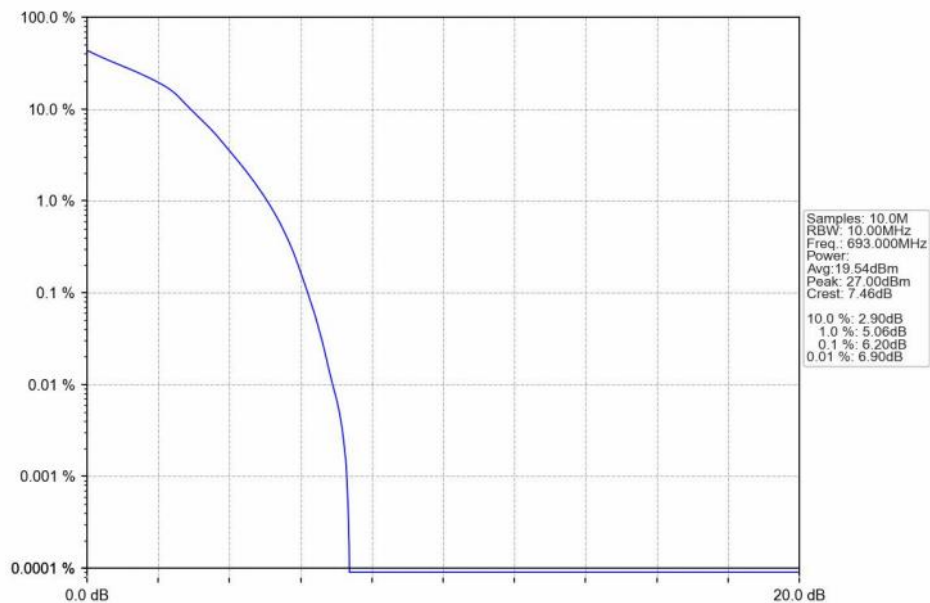
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



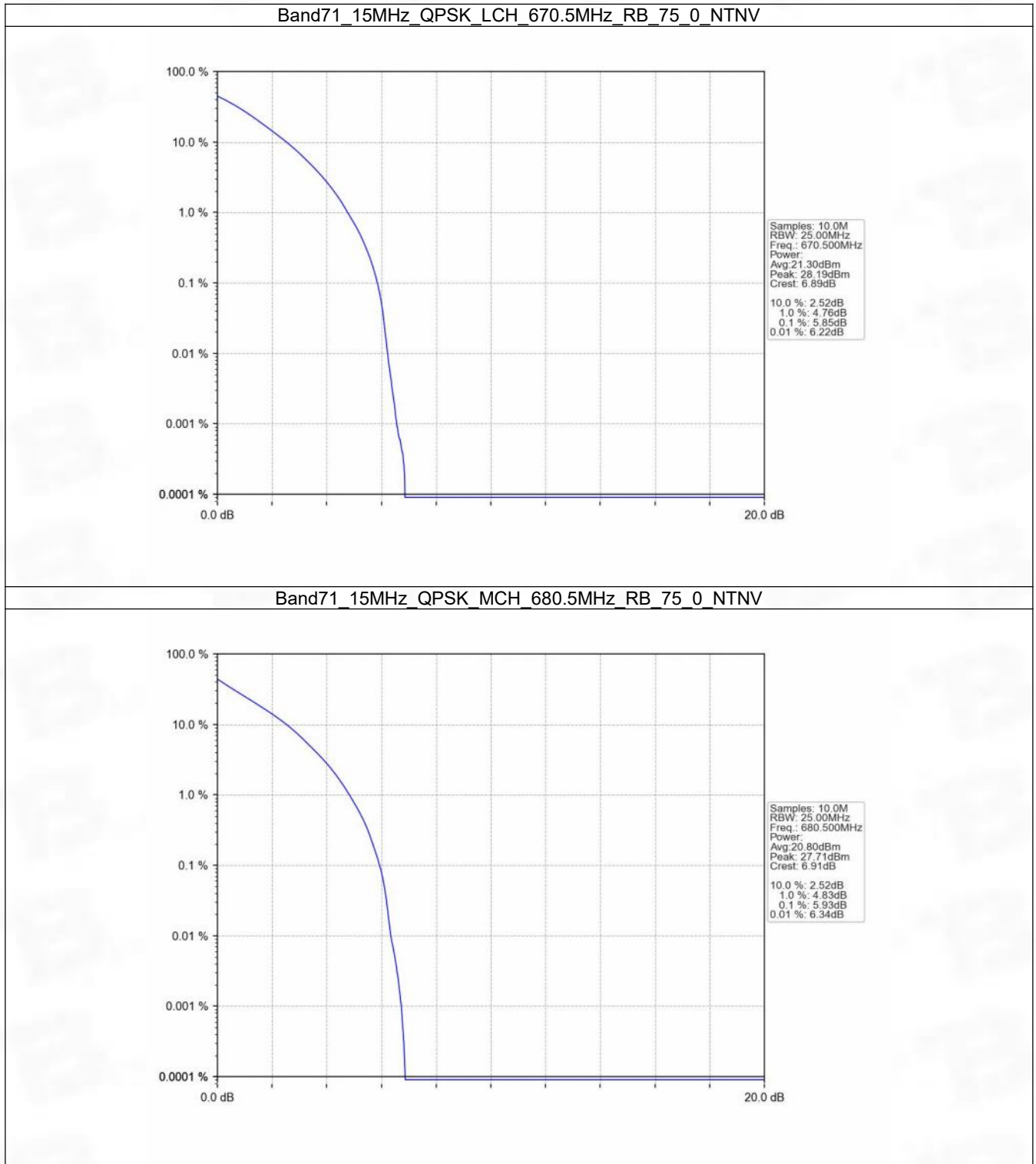
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



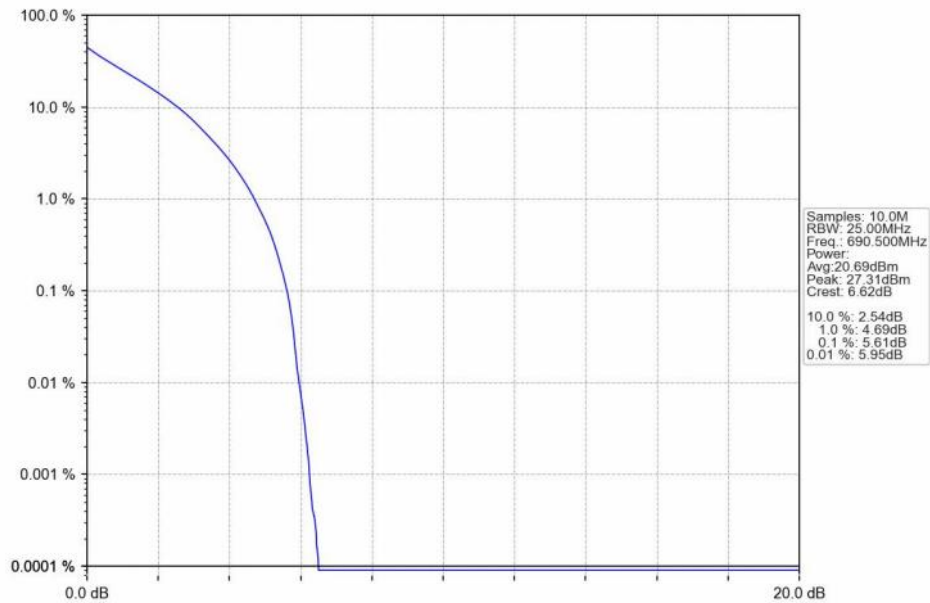
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



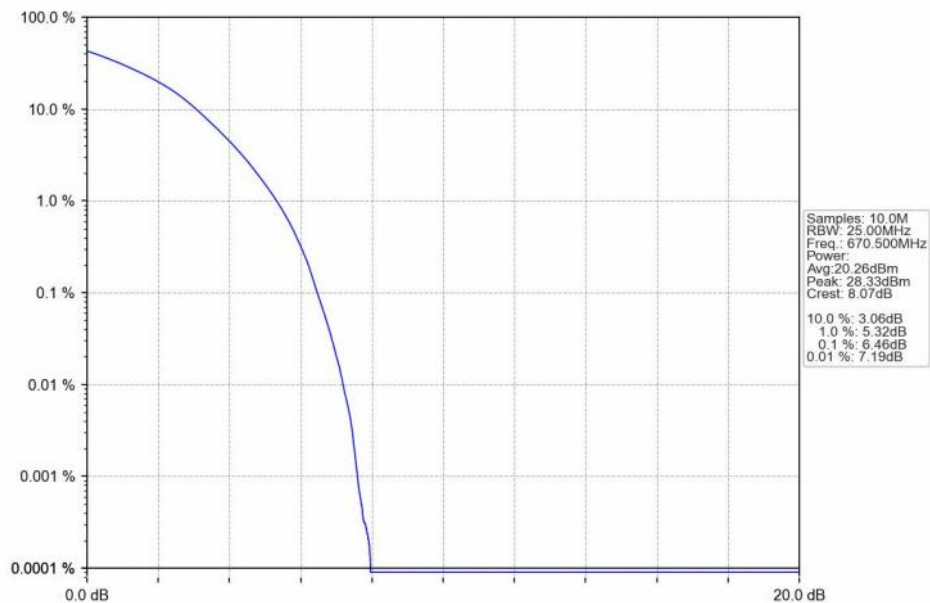
5.2.3 B71_15MHz



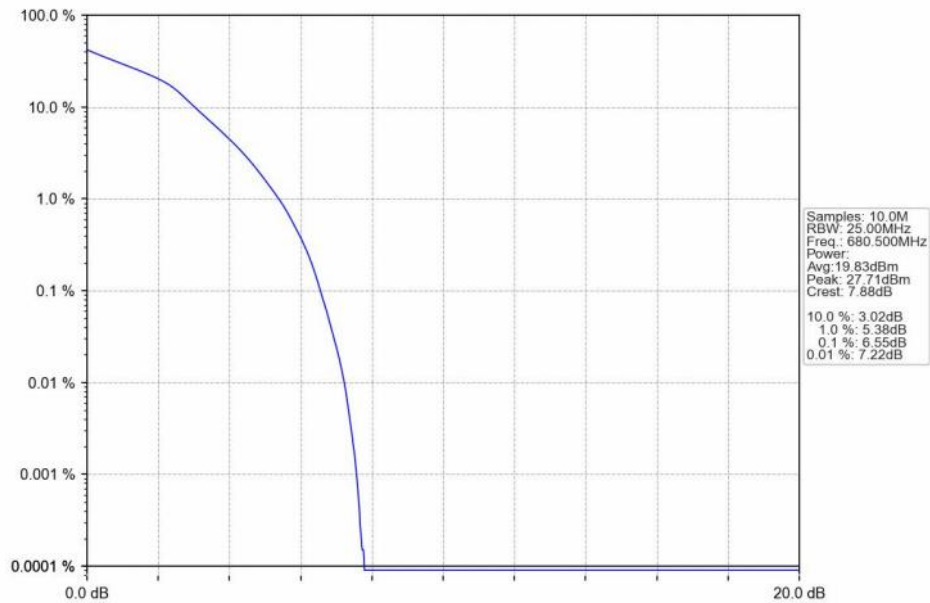
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



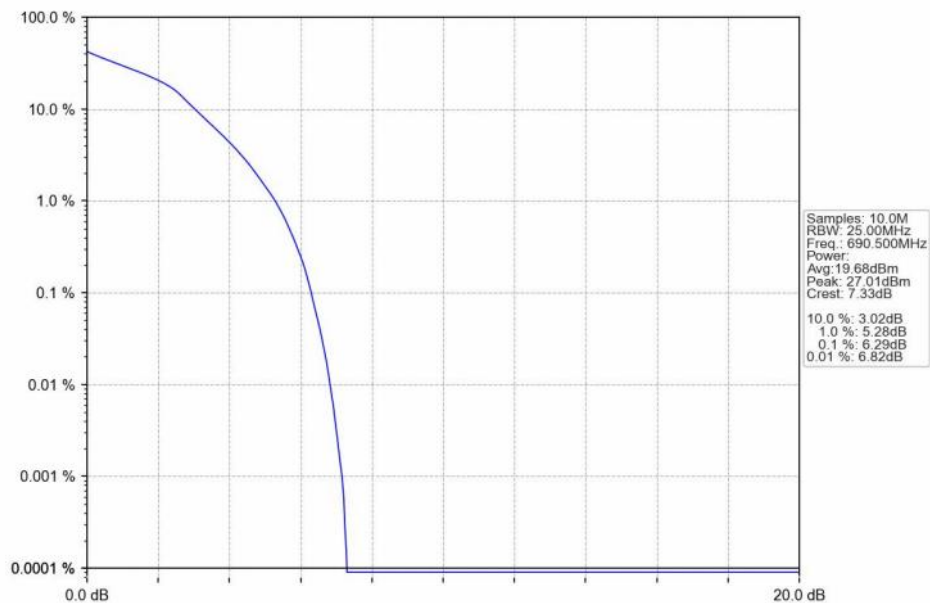
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



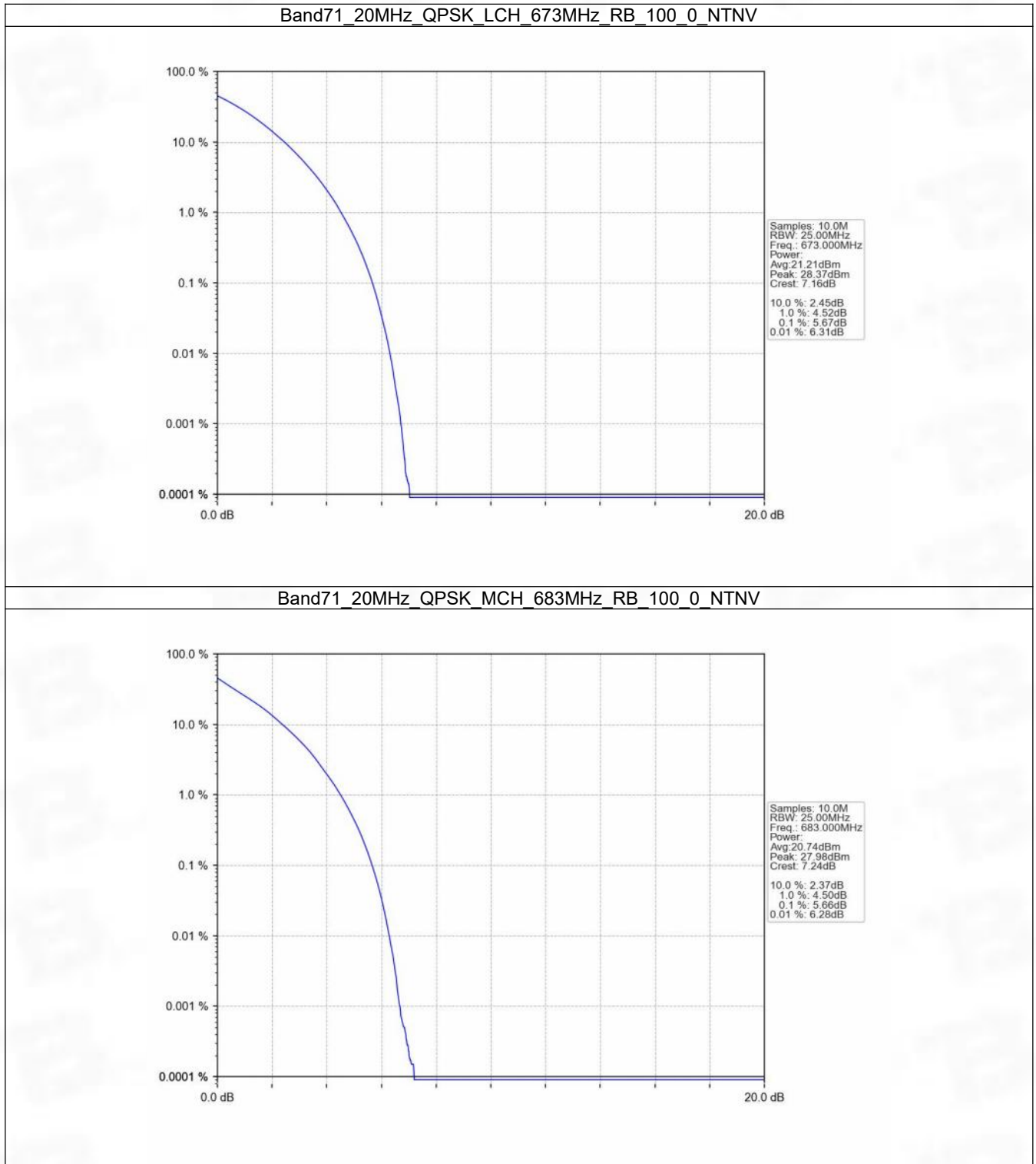
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



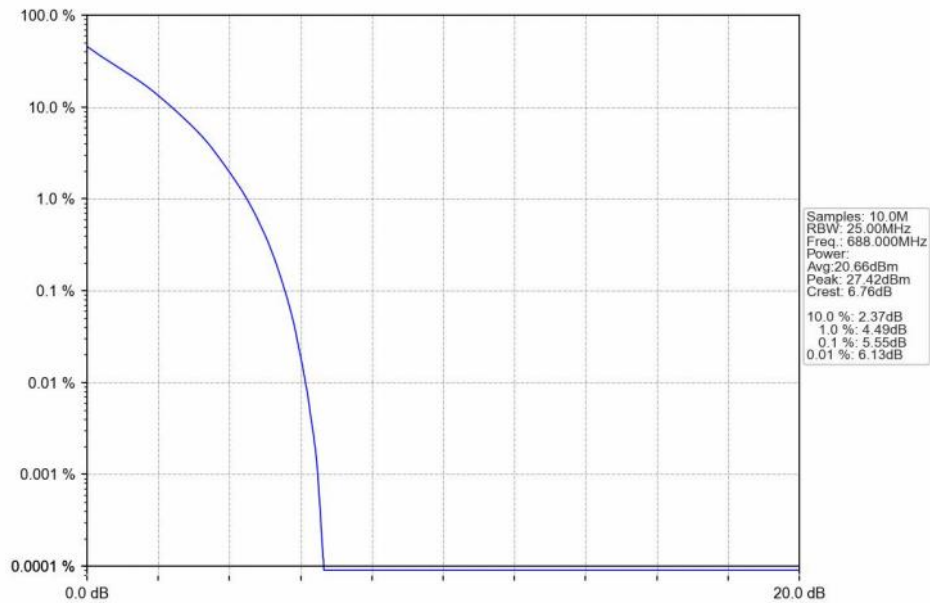
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



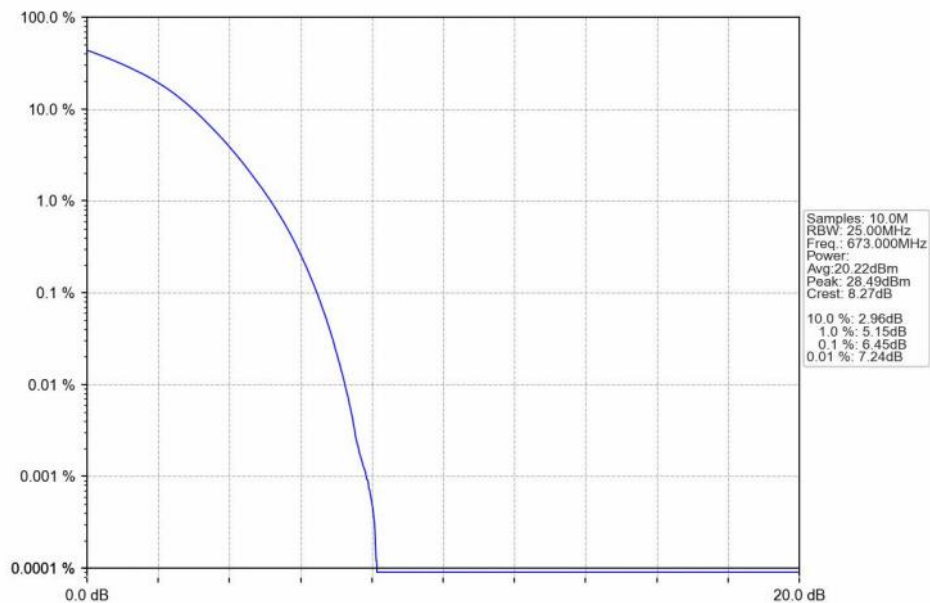
5.2.4 B71_20MHz



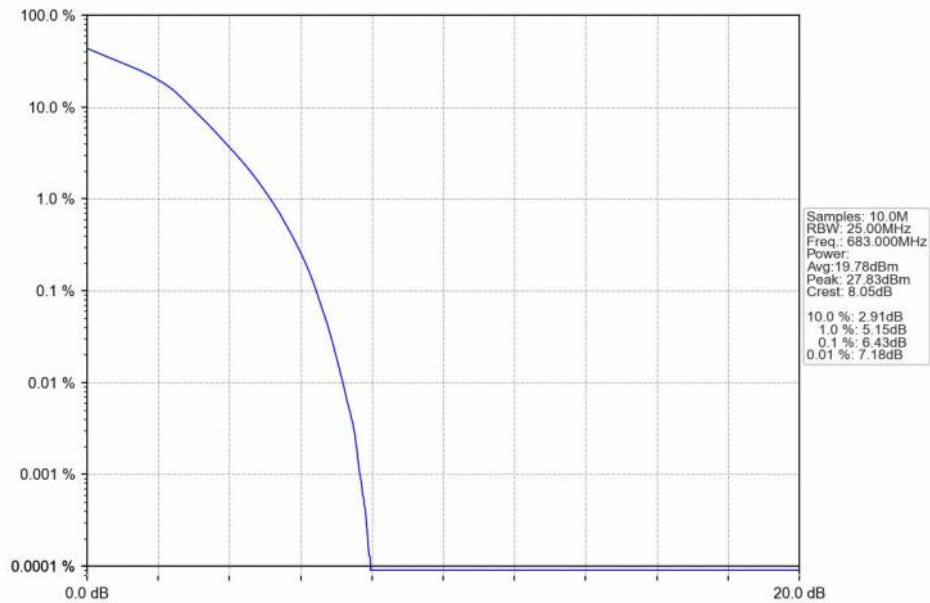
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



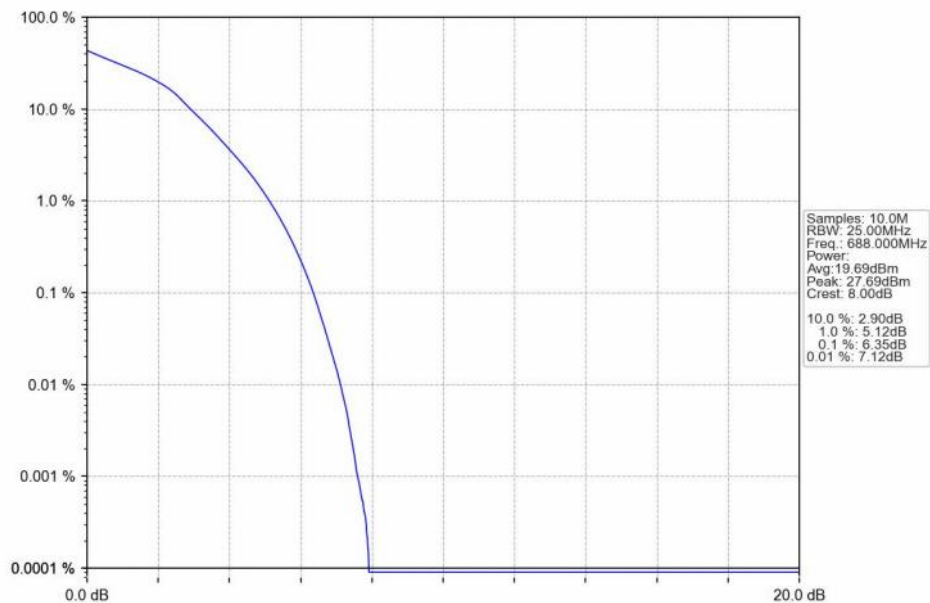
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B71_5MHz

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

6.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	668	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	680.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	668	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	680.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

6.1.3 B71_15MHz

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

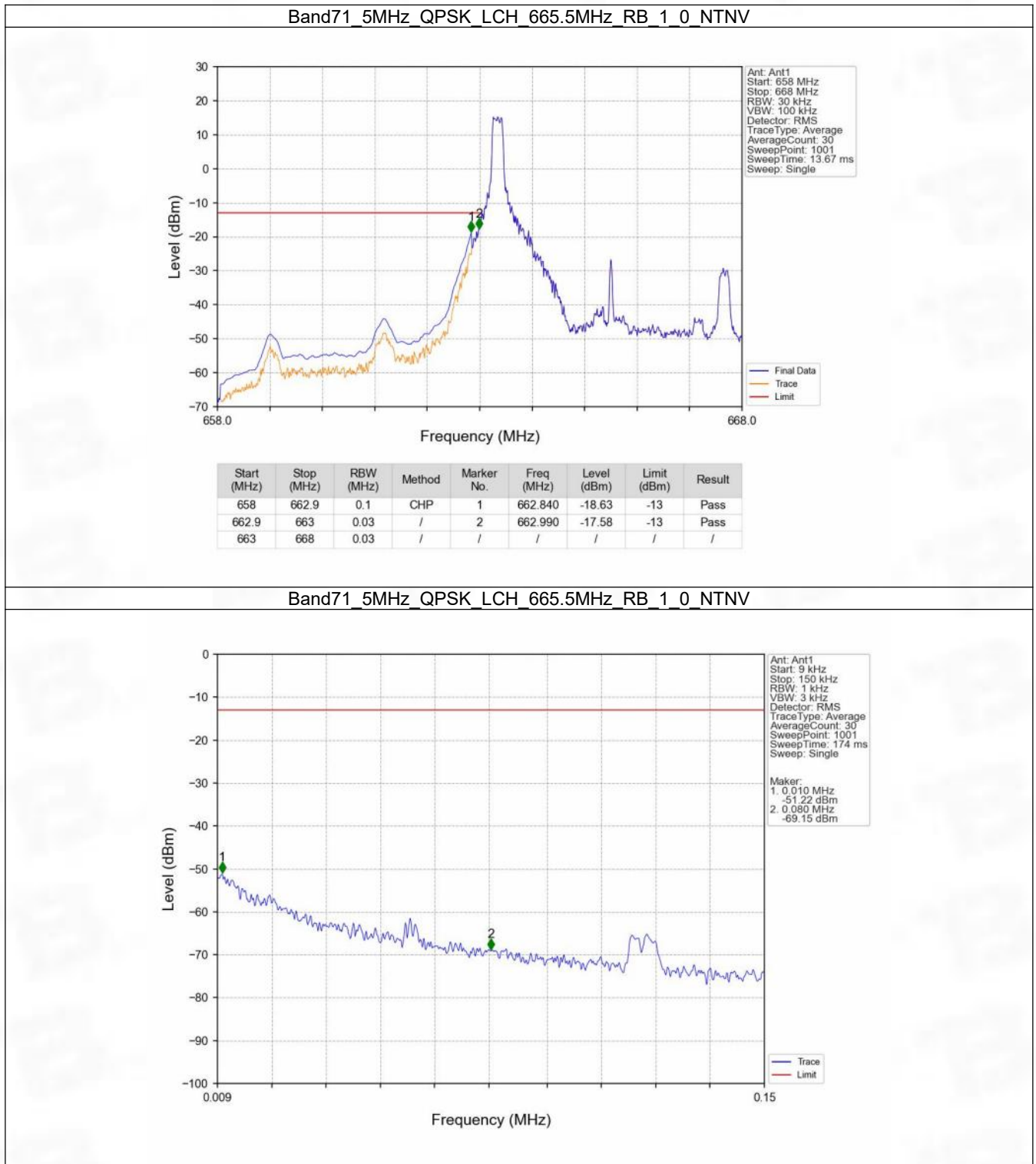
	680.5	75	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B71_20MHz

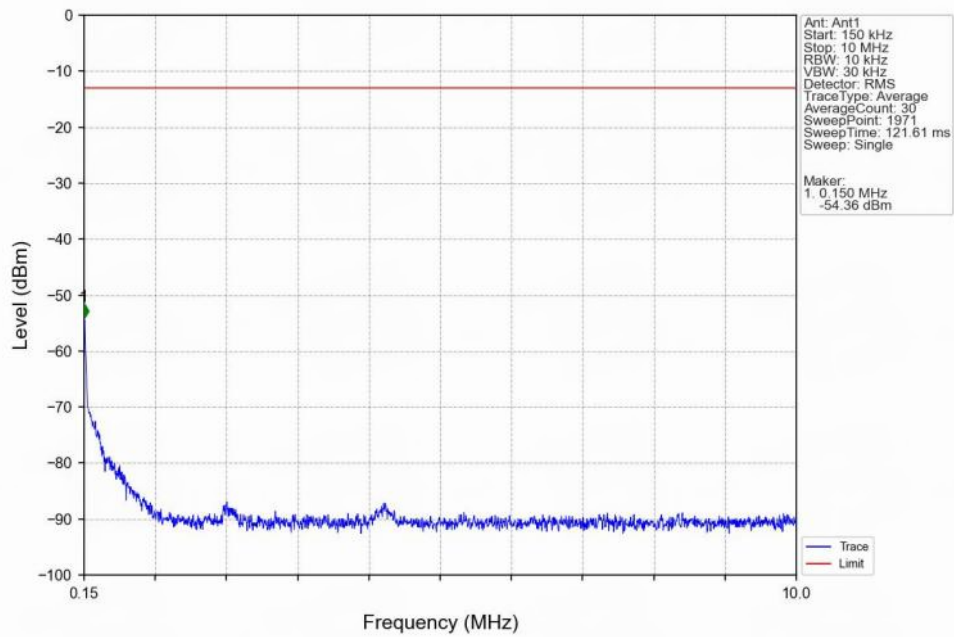
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	673	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	683	1	0	Refer To Test Graph	Pass
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100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

6.2 Test Graph

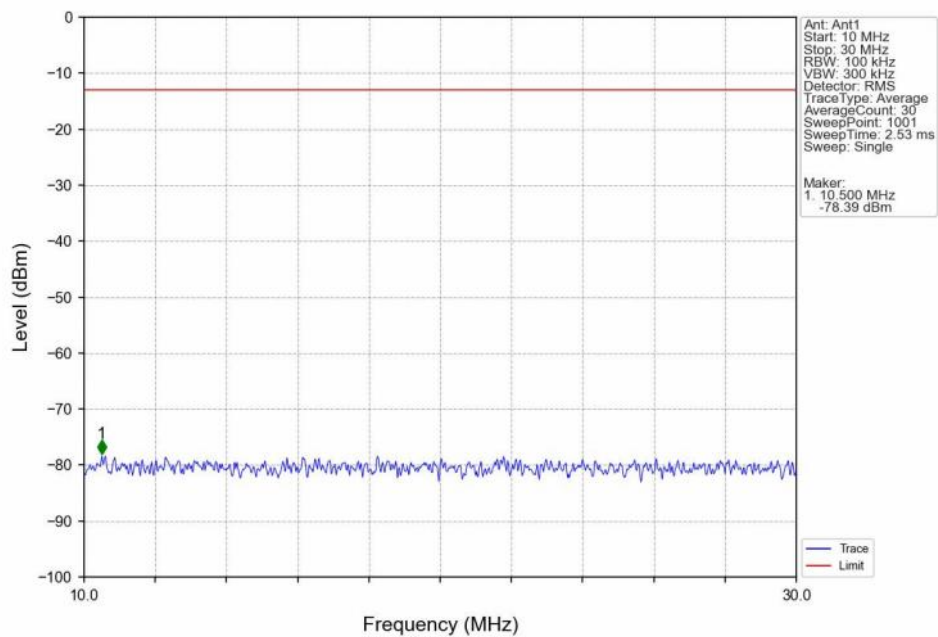
6.2.1 B71_5MHz



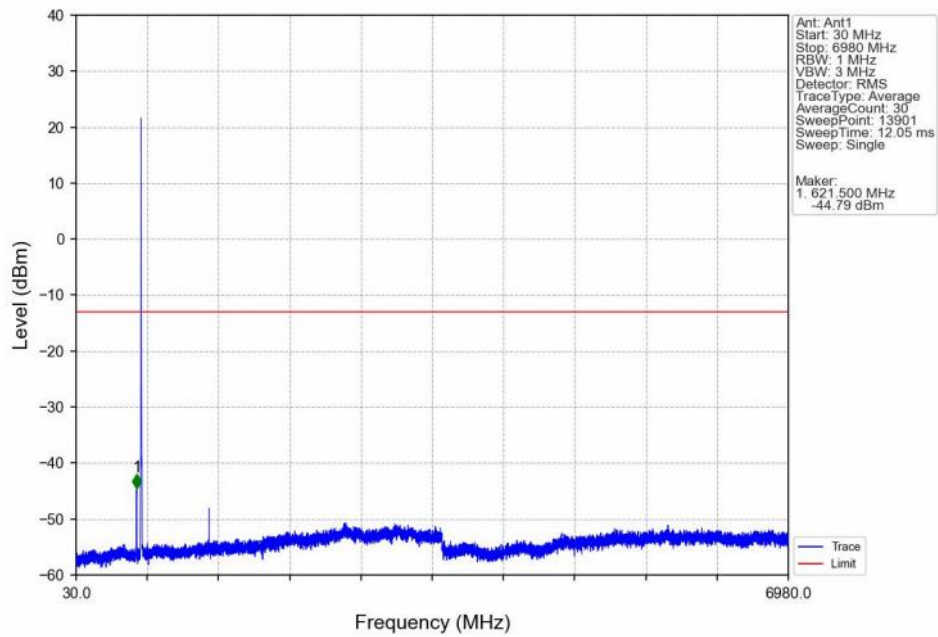
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



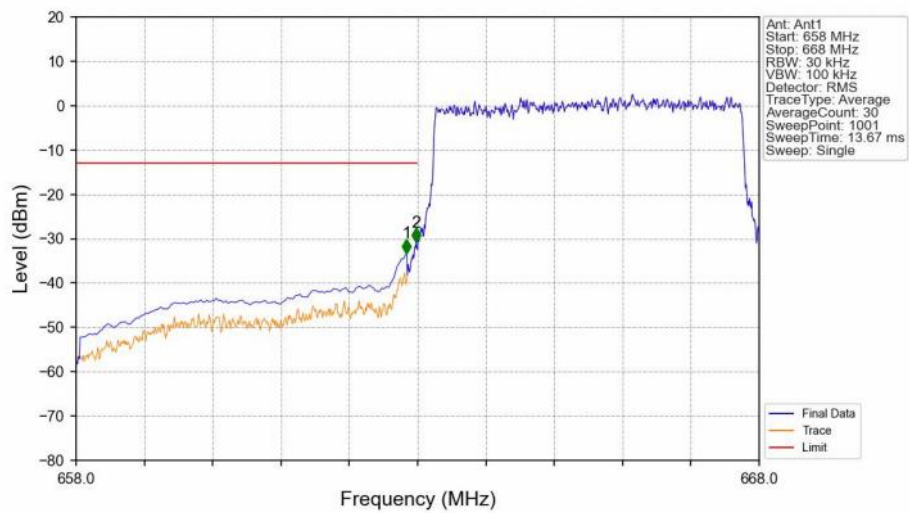
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

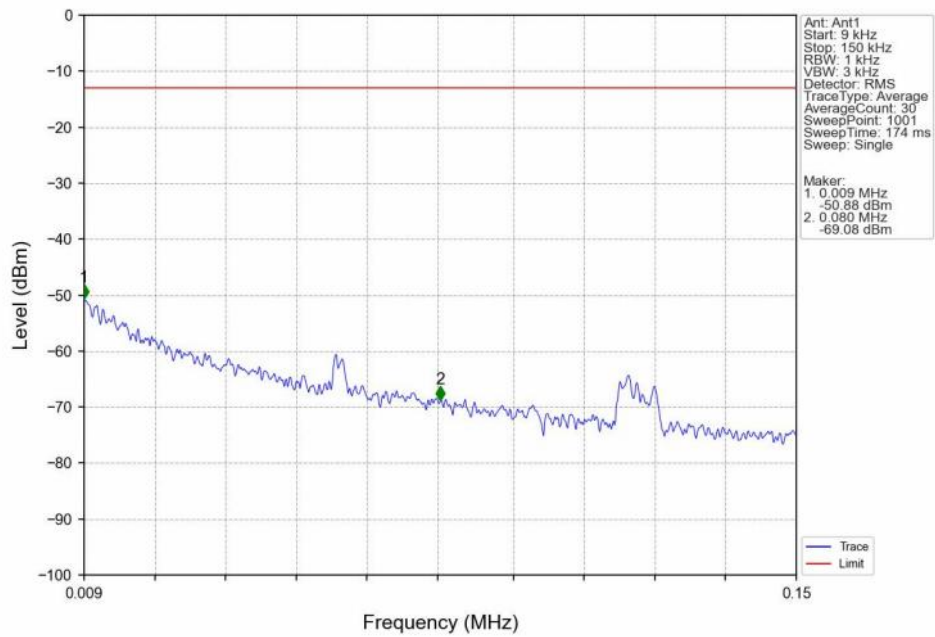


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-33.22	-13	Pass
662.9	663	0.03	/	2	662.980	-30.75	-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

