

Appendix - band_71

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B71_5MHz_ERP

Band: 71 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	21.61	-2.48	16.98	<=34.77	Pass
			13	21.47	-2.48	16.84	<=34.77	Pass
			24	21.65	-2.48	17.02	<=34.77	Pass
		12	0	20.77	-2.48	16.14	<=34.77	Pass
			6	20.76	-2.48	16.13	<=34.77	Pass
			13	20.71	-2.48	16.08	<=34.77	Pass
		25	0	20.66	-2.48	16.03	<=34.77	Pass
	680.5	1	0	21.75	-2.48	17.12	<=34.77	Pass
			13	21.67	-2.48	17.04	<=34.77	Pass
			24	21.72	-2.48	17.09	<=34.77	Pass
		12	0	20.73	-2.48	16.10	<=34.77	Pass
			6	20.85	-2.48	16.22	<=34.77	Pass
			13	20.90	-2.48	16.27	<=34.77	Pass
		25	0	20.83	-2.48	16.20	<=34.77	Pass
	695.5	1	0	21.58	-2.48	16.95	<=34.77	Pass
			13	21.57	-2.48	16.94	<=34.77	Pass
			24	21.86	-2.48	17.23	<=34.77	Pass
		12	0	20.72	-2.48	16.09	<=34.77	Pass
			6	20.76	-2.48	16.13	<=34.77	Pass
			13	20.77	-2.48	16.14	<=34.77	Pass
		25	0	20.76	-2.48	16.13	<=34.77	Pass
16QAM	665.5	1	0	21.14	-2.48	16.51	<=34.77	Pass
			13	21.20	-2.48	16.57	<=34.77	Pass
			24	21.34	-2.48	16.71	<=34.77	Pass
		12	0	19.52	-2.48	14.89	<=34.77	Pass
			6	20.15	-2.48	15.52	<=34.77	Pass
			13	20.17	-2.48	15.54	<=34.77	Pass
		25	0	20.11	-2.48	15.48	<=34.77	Pass
	680.5	1	0	20.70	-2.48	16.07	<=34.77	Pass
			13	20.73	-2.48	16.10	<=34.77	Pass
			24	20.69	-2.48	16.06	<=34.77	Pass
		12	0	20.16	-2.48	15.53	<=34.77	Pass
			6	20.13	-2.48	15.50	<=34.77	Pass
			13	19.70	-2.48	15.07	<=34.77	Pass
		25	0	20.22	-2.48	15.59	<=34.77	Pass
	695.5	1	0	21.22	-2.48	16.59	<=34.77	Pass
			13	21.33	-2.48	16.70	<=34.77	Pass
			24	21.64	-2.48	17.01	<=34.77	Pass
		12	0	20.23	-2.48	15.60	<=34.77	Pass
			6	19.85	-2.48	15.22	<=34.77	Pass
			13	19.85	-2.48	15.22	<=34.77	Pass
		25	0	19.83	-2.48	15.20	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	668	1	0	21.52	-2.48	16.89	<=34.77	Pass	
			25	21.68	-2.48	17.05	<=34.77	Pass	
			49	21.89	-2.48	17.26	<=34.77	Pass	
		25	0	20.67	-2.48	16.04	<=34.77	Pass	
			13	20.72	-2.48	16.09	<=34.77	Pass	
			25	21.15	-2.48	16.52	<=34.77	Pass	
		50	0	20.76	-2.48	16.13	<=34.77	Pass	
		680.5	1	0	21.90	-2.48	17.27	<=34.77	Pass
				25	21.89	-2.48	17.26	<=34.77	Pass
	49			21.87	-2.48	17.24	<=34.77	Pass	
	25		0	20.63	-2.48	16.00	<=34.77	Pass	
			13	20.63	-2.48	16.00	<=34.77	Pass	
			25	20.81	-2.48	16.18	<=34.77	Pass	
	50		0	20.84	-2.48	16.21	<=34.77	Pass	
	693		1	0	21.54	-2.48	16.91	<=34.77	Pass
				25	21.88	-2.48	17.25	<=34.77	Pass
		49		22.10	-2.48	17.47	<=34.77	Pass	
		25	0	20.80	-2.48	16.17	<=34.77	Pass	
			13	21.00	-2.48	16.37	<=34.77	Pass	
			25	20.83	-2.48	16.20	<=34.77	Pass	
		50	0	20.73	-2.48	16.10	<=34.77	Pass	
16QAM		668	1	0	20.77	-2.48	16.14	<=34.77	Pass
				25	20.95	-2.48	16.32	<=34.77	Pass
	49			20.95	-2.48	16.32	<=34.77	Pass	
	25		0	20.20	-2.48	15.57	<=34.77	Pass	
			13	20.27	-2.48	15.64	<=34.77	Pass	
			25	20.22	-2.48	15.59	<=34.77	Pass	
	50		0	20.21	-2.48	15.58	<=34.77	Pass	
	680.5	1	0	21.12	-2.48	16.49	<=34.77	Pass	
			25	21.30	-2.48	16.67	<=34.77	Pass	
			49	21.25	-2.48	16.62	<=34.77	Pass	
		25	0	20.37	-2.48	15.74	<=34.77	Pass	
			13	20.28	-2.48	15.65	<=34.77	Pass	
			25	19.90	-2.48	15.27	<=34.77	Pass	
		50	0	20.29	-2.48	15.66	<=34.77	Pass	
	693	1	0	21.16	-2.48	16.53	<=34.77	Pass	
			25	21.31	-2.48	16.68	<=34.77	Pass	
			49	21.51	-2.48	16.88	<=34.77	Pass	
		25	0	19.77	-2.48	15.14	<=34.77	Pass	
			13	20.05	-2.48	15.42	<=34.77	Pass	
			25	19.89	-2.48	15.26	<=34.77	Pass	
		50	0	20.03	-2.48	15.40	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	21.58	-2.48	16.95	<=34.77	Pass
			38	22.03	-2.48	17.40	<=34.77	Pass
			74	21.88	-2.48	17.25	<=34.77	Pass
		36	0	20.76	-2.48	16.13	<=34.77	Pass
			18	21.20	-2.48	16.57	<=34.77	Pass
			39	20.91	-2.48	16.28	<=34.77	Pass

16QAM	680.5	75	0	21.18	-2.48	16.55	<=34.77	Pass
			0	21.70	-2.48	17.07	<=34.77	Pass
			38	21.85	-2.48	17.22	<=34.77	Pass
		36	74	21.66	-2.48	17.03	<=34.77	Pass
			0	20.67	-2.48	16.04	<=34.77	Pass
			18	20.63	-2.48	16.00	<=34.77	Pass
			39	20.83	-2.48	16.20	<=34.77	Pass
		75	0	20.76	-2.48	16.13	<=34.77	Pass
			0	21.70	-2.48	17.07	<=34.77	Pass
	690.5	1	38	21.74	-2.48	17.11	<=34.77	Pass
			74	22.05	-2.48	17.42	<=34.77	Pass
			0	20.74	-2.48	16.11	<=34.77	Pass
		36	18	20.73	-2.48	16.10	<=34.77	Pass
			39	20.82	-2.48	16.19	<=34.77	Pass
			75	20.61	-2.48	15.98	<=34.77	Pass
	670.5	1	0	21.05	-2.48	16.42	<=34.77	Pass
			38	21.60	-2.48	16.97	<=34.77	Pass
			74	21.31	-2.48	16.68	<=34.77	Pass
		36	0	20.24	-2.48	15.61	<=34.77	Pass
			18	20.15	-2.48	15.52	<=34.77	Pass
			39	20.30	-2.48	15.67	<=34.77	Pass
		75	0	20.15	-2.48	15.52	<=34.77	Pass
	680.5	1	0	21.84	-2.48	17.21	<=34.77	Pass
			38	21.77	-2.48	17.14	<=34.77	Pass
			74	21.92	-2.48	17.29	<=34.77	Pass
		36	0	20.24	-2.48	15.61	<=34.77	Pass
			18	20.18	-2.48	15.55	<=34.77	Pass
			39	19.72	-2.48	15.09	<=34.77	Pass
		75	0	20.15	-2.48	15.52	<=34.77	Pass
	690.5	1	0	20.91	-2.48	16.28	<=34.77	Pass
			38	20.99	-2.48	16.36	<=34.77	Pass
			74	21.38	-2.48	16.75	<=34.77	Pass
		36	0	20.21	-2.48	15.58	<=34.77	Pass
			18	19.92	-2.48	15.29	<=34.77	Pass
			39	20.21	-2.48	15.58	<=34.77	Pass
		75	0	19.81	-2.48	15.18	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	21.58	-2.48	16.95	<=34.77	Pass
			50	21.79	-2.48	17.16	<=34.77	Pass
			99	21.77	-2.48	17.14	<=34.77	Pass
		50	0	20.68	-2.48	16.05	<=34.77	Pass
			25	20.85	-2.48	16.22	<=34.77	Pass
			50	20.67	-2.48	16.04	<=34.77	Pass
		100	0	20.75	-2.48	16.12	<=34.77	Pass
	683	1	0	21.78	-2.48	17.15	<=34.77	Pass
			50	21.77	-2.48	17.14	<=34.77	Pass
			99	21.92	-2.48	17.29	<=34.77	Pass
		50	0	20.74	-2.48	16.11	<=34.77	Pass
			25	20.77	-2.48	16.14	<=34.77	Pass
			50	20.80	-2.48	16.17	<=34.77	Pass
		100	0	20.74	-2.48	16.11	<=34.77	Pass
	688	1	0	21.68	-2.48	17.05	<=34.77	Pass

16QAM	673	50	50	21.46	-2.48	16.83	<=34.77	Pass
			99	21.54	-2.48	16.91	<=34.77	Pass
			0	20.72	-2.48	16.09	<=34.77	Pass
			25	20.61	-2.48	15.98	<=34.77	Pass
			50	20.92	-2.48	16.29	<=34.77	Pass
		100	0	20.68	-2.48	16.05	<=34.77	Pass
		1	0	20.91	-2.48	16.28	<=34.77	Pass
			50	21.15	-2.48	16.52	<=34.77	Pass
			99	21.08	-2.48	16.45	<=34.77	Pass
		50	0	20.21	-2.48	15.58	<=34.77	Pass
			25	19.70	-2.48	15.07	<=34.77	Pass
			50	20.31	-2.48	15.68	<=34.77	Pass
	683	1	0	21.34	-2.48	16.71	<=34.77	Pass
			50	21.35	-2.48	16.72	<=34.77	Pass
			99	21.47	-2.48	16.84	<=34.77	Pass
		50	0	20.27	-2.48	15.64	<=34.77	Pass
			25	19.92	-2.48	15.29	<=34.77	Pass
			50	20.31	-2.48	15.68	<=34.77	Pass
		100	0	19.84	-2.48	15.21	<=34.77	Pass
	688	1	0	21.05	-2.48	16.42	<=34.77	Pass
			50	21.09	-2.48	16.46	<=34.77	Pass
			99	21.15	-2.48	16.52	<=34.77	Pass
		50	0	19.83	-2.48	15.20	<=34.77	Pass
			25	20.26	-2.48	15.63	<=34.77	Pass
			50	20.12	-2.48	15.49	<=34.77	Pass
		100	0	20.20	-2.48	15.57	<=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	4.849	0.0073	-2.5 to 2.5	Pass
					3.85	1.345	0.0020	-2.5 to 2.5	Pass
					4.43	-5.336	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-13.733	-0.0206	-2.5 to 2.5	Pass
				-20	3.85	-21.000	-0.0316	-2.5 to 2.5	Pass
				-10	3.85	-28.625	-0.0430	-2.5 to 2.5	Pass
				0	3.85	-34.275	-0.0515	-2.5 to 2.5	Pass
				10	3.85	-40.054	-0.0602	-2.5 to 2.5	Pass
				30	3.85	-45.304	-0.0681	-2.5 to 2.5	Pass
				40	3.85	-49.467	-0.0743	-2.5 to 2.5	Pass
				50	3.85	-53.086	-0.0798	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	4.735	0.0070	-2.5 to 2.5	Pass
					3.85	-8.254	-0.0121	-2.5 to 2.5	Pass
					4.43	-24.161	-0.0355	-2.5 to 2.5	Pass
				-30	3.85	-39.725	-0.0584	-2.5 to 2.5	Pass
				-20	3.85	-3.047	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-16.723	-0.0246	-2.5 to 2.5	Pass
				0	3.85	-28.725	-0.0422	-2.5 to 2.5	Pass
				10	3.85	-39.196	-0.0576	-2.5 to 2.5	Pass

16QAM	695.5	25	0	30	3.85	-49.195	-0.0723	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-9.642	-0.0142	-2.5 to 2.5	Pass
				20	3.27	2.017	0.0029	-2.5 to 2.5	Pass
					3.85	6.824	0.0098	-2.5 to 2.5	Pass
					4.43	11.129	0.0160	-2.5 to 2.5	Pass
				-30	3.85	12.946	0.0186	-2.5 to 2.5	Pass
				-20	3.85	17.581	0.0253	-2.5 to 2.5	Pass
				-10	3.85	19.512	0.0281	-2.5 to 2.5	Pass
				0	3.85	22.888	0.0329	-2.5 to 2.5	Pass
	665.5	25	0	10	3.85	23.274	0.0335	-2.5 to 2.5	Pass
				30	3.85	23.875	0.0343	-2.5 to 2.5	Pass
				40	3.85	25.120	0.0361	-2.5 to 2.5	Pass
				50	3.85	25.721	0.0370	-2.5 to 2.5	Pass
				20	3.27	-54.574	-0.0820	-2.5 to 2.5	Pass
					3.85	-55.590	-0.0835	-2.5 to 2.5	Pass
					4.43	-2.146	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.287	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
16QAM	680.5	25	0	0	3.85	-1.931	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.173	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-2.232	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0026	-2.5 to 2.5	Pass
				20	3.27	-16.909	-0.0248	-2.5 to 2.5	Pass
					3.85	-20.084	-0.0295	-2.5 to 2.5	Pass
					4.43	-21.501	-0.0316	-2.5 to 2.5	Pass
				-30	3.85	-24.691	-0.0363	-2.5 to 2.5	Pass
				-20	3.85	-29.869	-0.0439	-2.5 to 2.5	Pass
	695.5	25	0	-10	3.85	-32.673	-0.0480	-2.5 to 2.5	Pass
				0	3.85	-37.422	-0.0550	-2.5 to 2.5	Pass
				10	3.85	-37.894	-0.0557	-2.5 to 2.5	Pass
				30	3.85	-41.614	-0.0612	-2.5 to 2.5	Pass
				40	3.85	-44.889	-0.0660	-2.5 to 2.5	Pass
				50	3.85	-47.193	-0.0694	-2.5 to 2.5	Pass
				20	3.27	27.409	0.0394	-2.5 to 2.5	Pass
					3.85	31.629	0.0455	-2.5 to 2.5	Pass
					4.43	35.591	0.0512	-2.5 to 2.5	Pass
				-30	3.85	39.310	0.0565	-2.5 to 2.5	Pass
				-20	3.85	42.086	0.0605	-2.5 to 2.5	Pass
				-10	3.85	45.104	0.0649	-2.5 to 2.5	Pass
				0	3.85	46.849	0.0674	-2.5 to 2.5	Pass
				10	3.85	49.825	0.0716	-2.5 to 2.5	Pass
				30	3.85	50.511	0.0726	-2.5 to 2.5	Pass
				40	3.85	-4.506	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-1.588	-0.0023	-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	-5.507	-0.0082	-2.5 to 2.5	Pass
					3.85	-17.495	-0.0262	-2.5 to 2.5	Pass
					4.43	-47.078	-0.0705	-2.5 to 2.5	Pass
				-30	3.85	-22.459	-0.0336	-2.5 to 2.5	Pass
				-20	3.85	-41.628	-0.0623	-2.5 to 2.5	Pass

16QAM	680.5	50	0	-10	3.85	-46.520	-0.0696	-2.5 to 2.5	Pass
				0	3.85	-32.315	-0.0484	-2.5 to 2.5	Pass
				10	3.85	-17.638	-0.0264	-2.5 to 2.5	Pass
				30	3.85	-45.233	-0.0677	-2.5 to 2.5	Pass
				40	3.85	-19.712	-0.0295	-2.5 to 2.5	Pass
				50	3.85	-41.227	-0.0617	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-9.756	-0.0143	-2.5 to 2.5	Pass
					3.85	-35.462	-0.0521	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-29.483	-0.0433	-2.5 to 2.5	Pass
				-20	3.85	-49.982	-0.0734	-2.5 to 2.5	Pass
				-10	3.85	-15.593	-0.0229	-2.5 to 2.5	Pass
				0	3.85	-29.483	-0.0433	-2.5 to 2.5	Pass
				10	3.85	-44.818	-0.0659	-2.5 to 2.5	Pass
				30	3.85	4.921	0.0072	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-18.024	-0.0265	-2.5 to 2.5	Pass
	693	50	0	20	3.27	9.956	0.0144	-2.5 to 2.5	Pass
					3.85	15.550	0.0224	-2.5 to 2.5	Pass
					4.43	18.082	0.0261	-2.5 to 2.5	Pass
				-30	3.85	17.867	0.0258	-2.5 to 2.5	Pass
				-20	3.85	19.012	0.0274	-2.5 to 2.5	Pass
				-10	3.85	18.196	0.0263	-2.5 to 2.5	Pass
				0	3.85	19.770	0.0285	-2.5 to 2.5	Pass
				10	3.85	20.728	0.0299	-2.5 to 2.5	Pass
				30	3.85	20.928	0.0302	-2.5 to 2.5	Pass
				40	3.85	21.429	0.0309	-2.5 to 2.5	Pass
				50	3.85	23.618	0.0341	-2.5 to 2.5	Pass
	668	50	0	20	3.27	0.043	0.0001	-2.5 to 2.5	Pass
					3.85	-13.890	-0.0208	-2.5 to 2.5	Pass
					4.43	-23.904	-0.0358	-2.5 to 2.5	Pass
				-30	3.85	-34.018	-0.0509	-2.5 to 2.5	Pass
				-20	3.85	-43.688	-0.0654	-2.5 to 2.5	Pass
				-10	3.85	-52.328	-0.0783	-2.5 to 2.5	Pass
				0	3.85	-1.202	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-10.185	-0.0152	-2.5 to 2.5	Pass
				30	3.85	-16.294	-0.0244	-2.5 to 2.5	Pass
				40	3.85	-20.385	-0.0305	-2.5 to 2.5	Pass
				50	3.85	-24.948	-0.0373	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-23.575	-0.0346	-2.5 to 2.5	Pass
					3.85	-26.407	-0.0388	-2.5 to 2.5	Pass
					4.43	-29.540	-0.0434	-2.5 to 2.5	Pass
				-30	3.85	-31.314	-0.0460	-2.5 to 2.5	Pass
				-20	3.85	-35.133	-0.0516	-2.5 to 2.5	Pass
				-10	3.85	-37.708	-0.0554	-2.5 to 2.5	Pass
				0	3.85	-40.498	-0.0595	-2.5 to 2.5	Pass
				10	3.85	-44.832	-0.0659	-2.5 to 2.5	Pass
				30	3.85	-47.436	-0.0697	-2.5 to 2.5	Pass
				40	3.85	-50.769	-0.0746	-2.5 to 2.5	Pass
				50	3.85	1.187	0.0017	-2.5 to 2.5	Pass
	693	50	0	20	3.27	28.996	0.0418	-2.5 to 2.5	Pass
					3.85	33.689	0.0486	-2.5 to 2.5	Pass
					4.43	35.949	0.0519	-2.5 to 2.5	Pass
				-30	3.85	39.225	0.0566	-2.5 to 2.5	Pass
				-20	3.85	43.044	0.0621	-2.5 to 2.5	Pass
				-10	3.85	45.133	0.0651	-2.5 to 2.5	Pass
				0	3.85	48.523	0.0700	-2.5 to 2.5	Pass
				10	3.85	50.783	0.0733	-2.5 to 2.5	Pass
				30	3.85	53.444	0.0771	-2.5 to 2.5	Pass
				40	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass

				50	3.85	0.587	0.0008	-2.5 to 2.5	Pass
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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	-26.608	-0.0397	-2.5 to 2.5	Pass
					3.85	-16.379	-0.0244	-2.5 to 2.5	Pass
					4.43	-18.311	-0.0273	-2.5 to 2.5	Pass
				-30	3.85	-29.140	-0.0435	-2.5 to 2.5	Pass
				-20	3.85	-39.024	-0.0582	-2.5 to 2.5	Pass
				-10	3.85	-31.371	-0.0468	-2.5 to 2.5	Pass
				0	3.85	-18.268	-0.0272	-2.5 to 2.5	Pass
				10	3.85	-36.349	-0.0542	-2.5 to 2.5	Pass
				30	3.85	-28.467	-0.0425	-2.5 to 2.5	Pass
				40	3.85	-31.257	-0.0466	-2.5 to 2.5	Pass
				50	3.85	-20.628	-0.0308	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	2.789	0.0041	-2.5 to 2.5	Pass
					3.85	-11.373	-0.0167	-2.5 to 2.5	Pass
					4.43	-26.937	-0.0396	-2.5 to 2.5	Pass
				-30	3.85	-42.801	-0.0629	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-12.960	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-23.489	-0.0345	-2.5 to 2.5	Pass
				10	3.85	-31.843	-0.0468	-2.5 to 2.5	Pass
				30	3.85	-37.479	-0.0551	-2.5 to 2.5	Pass
				40	3.85	-46.020	-0.0676	-2.5 to 2.5	Pass
				50	3.85	-51.899	-0.0763	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	2.546	0.0037	-2.5 to 2.5	Pass
					3.85	4.535	0.0066	-2.5 to 2.5	Pass
					4.43	8.769	0.0127	-2.5 to 2.5	Pass
				-30	3.85	10.629	0.0154	-2.5 to 2.5	Pass
				-20	3.85	12.174	0.0176	-2.5 to 2.5	Pass
				-10	3.85	14.033	0.0203	-2.5 to 2.5	Pass
				0	3.85	16.851	0.0244	-2.5 to 2.5	Pass
				10	3.85	17.123	0.0248	-2.5 to 2.5	Pass
				30	3.85	18.554	0.0269	-2.5 to 2.5	Pass
				40	3.85	19.426	0.0281	-2.5 to 2.5	Pass
				50	3.85	22.745	0.0329	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-32.887	-0.0490	-2.5 to 2.5	Pass
					3.85	-40.412	-0.0603	-2.5 to 2.5	Pass
					4.43	-42.028	-0.0627	-2.5 to 2.5	Pass
				-30	3.85	-49.911	-0.0744	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-14.019	-0.0209	-2.5 to 2.5	Pass
				10	3.85	-18.353	-0.0274	-2.5 to 2.5	Pass
				30	3.85	-21.443	-0.0320	-2.5 to 2.5	Pass
				40	3.85	-26.021	-0.0388	-2.5 to 2.5	Pass
				50	3.85	-30.956	-0.0462	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	3.119	0.0046	-2.5 to 2.5	Pass
					3.85	0.558	0.0008	-2.5 to 2.5	Pass
					4.43	-0.072	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.116	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0053	-2.5 to 2.5	Pass

				10	3.85	-5.007	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-5.965	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-7.153	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-6.080	-0.0089	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	24.533	0.0355	-2.5 to 2.5	Pass
					3.85	28.968	0.0420	-2.5 to 2.5	Pass
					4.43	31.285	0.0453	-2.5 to 2.5	Pass
				-30	3.85	36.035	0.0522	-2.5 to 2.5	Pass
				-20	3.85	41.285	0.0598	-2.5 to 2.5	Pass
				-10	3.85	42.701	0.0618	-2.5 to 2.5	Pass
				0	3.85	44.603	0.0646	-2.5 to 2.5	Pass
				10	3.85	47.822	0.0693	-2.5 to 2.5	Pass
				30	3.85	51.370	0.0744	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-3.419	-0.0050	-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	-32.558	-0.0484	-2.5 to 2.5	Pass
					3.85	-33.159	-0.0493	-2.5 to 2.5	Pass
					4.43	-14.491	-0.0215	-2.5 to 2.5	Pass
				-30	3.85	-36.621	-0.0544	-2.5 to 2.5	Pass
				-20	3.85	-10.443	-0.0155	-2.5 to 2.5	Pass
				-10	3.85	-6.137	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-43.216	-0.0642	-2.5 to 2.5	Pass
				10	3.85	-28.682	-0.0426	-2.5 to 2.5	Pass
				30	3.85	-20.242	-0.0301	-2.5 to 2.5	Pass
				40	3.85	-28.210	-0.0419	-2.5 to 2.5	Pass
				50	3.85	-42.658	-0.0634	-2.5 to 2.5	Pass
	683	100	0	20	3.27	3.791	0.0056	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0081	-2.5 to 2.5	Pass
					4.43	-14.405	-0.0211	-2.5 to 2.5	Pass
				-30	3.85	-23.575	-0.0345	-2.5 to 2.5	Pass
				-20	3.85	-31.300	-0.0458	-2.5 to 2.5	Pass
				-10	3.85	-37.479	-0.0549	-2.5 to 2.5	Pass
				0	3.85	-42.815	-0.0627	-2.5 to 2.5	Pass
				10	3.85	-48.437	-0.0709	-2.5 to 2.5	Pass
				30	3.85	-21.815	-0.0319	-2.5 to 2.5	Pass
				40	3.85	-3.633	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-5.007	-0.0073	-2.5 to 2.5	Pass
	688	100	0	20	3.27	2.232	0.0032	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-10.142	-0.0147	-2.5 to 2.5	Pass
				-20	3.85	-13.876	-0.0202	-2.5 to 2.5	Pass
				-10	3.85	-18.826	-0.0274	-2.5 to 2.5	Pass
				0	3.85	-20.800	-0.0302	-2.5 to 2.5	Pass
				10	3.85	-23.561	-0.0342	-2.5 to 2.5	Pass
				30	3.85	-25.120	-0.0365	-2.5 to 2.5	Pass
				40	3.85	-26.965	-0.0392	-2.5 to 2.5	Pass
				50	3.85	-29.197	-0.0424	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-54.417	-0.0809	-2.5 to 2.5	Pass
					3.85	-4.263	-0.0063	-2.5 to 2.5	Pass
					4.43	-6.309	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-11.272	-0.0167	-2.5 to 2.5	Pass

				-20	3.85	-15.836	-0.0235	-2.5 to 2.5	Pass
				-10	3.85	-20.242	-0.0301	-2.5 to 2.5	Pass
				0	3.85	-25.048	-0.0372	-2.5 to 2.5	Pass
				10	3.85	-28.353	-0.0421	-2.5 to 2.5	Pass
				30	3.85	-31.071	-0.0462	-2.5 to 2.5	Pass
				40	3.85	-34.533	-0.0513	-2.5 to 2.5	Pass
				50	3.85	-35.648	-0.0530	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-5.164	-0.0076	-2.5 to 2.5	Pass
					3.85	0.172	0.0003	-2.5 to 2.5	Pass
					4.43	3.161	0.0046	-2.5 to 2.5	Pass
				-30	3.85	3.219	0.0047	-2.5 to 2.5	Pass
				-20	3.85	5.064	0.0074	-2.5 to 2.5	Pass
				-10	3.85	6.108	0.0089	-2.5 to 2.5	Pass
				0	3.85	6.051	0.0089	-2.5 to 2.5	Pass
				10	3.85	8.068	0.0118	-2.5 to 2.5	Pass
				30	3.85	7.925	0.0116	-2.5 to 2.5	Pass
				40	3.85	8.297	0.0121	-2.5 to 2.5	Pass
				50	3.85	8.626	0.0126	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-27.294	-0.0397	-2.5 to 2.5	Pass
					3.85	-25.477	-0.0370	-2.5 to 2.5	Pass
					4.43	-24.590	-0.0357	-2.5 to 2.5	Pass
				-30	3.85	-22.616	-0.0329	-2.5 to 2.5	Pass
				-20	3.85	-18.740	-0.0272	-2.5 to 2.5	Pass
				-10	3.85	-15.192	-0.0221	-2.5 to 2.5	Pass
				0	3.85	-15.736	-0.0229	-2.5 to 2.5	Pass
				10	3.85	-16.365	-0.0238	-2.5 to 2.5	Pass
				30	3.85	-16.837	-0.0245	-2.5 to 2.5	Pass
				40	3.85	-16.122	-0.0234	-2.5 to 2.5	Pass
				50	3.85	-13.475	-0.0196	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTV						
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 / NTV						
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 / NTV						
Modulation	Frequency	RB Allocation		Modulation Characteristics		Verdict

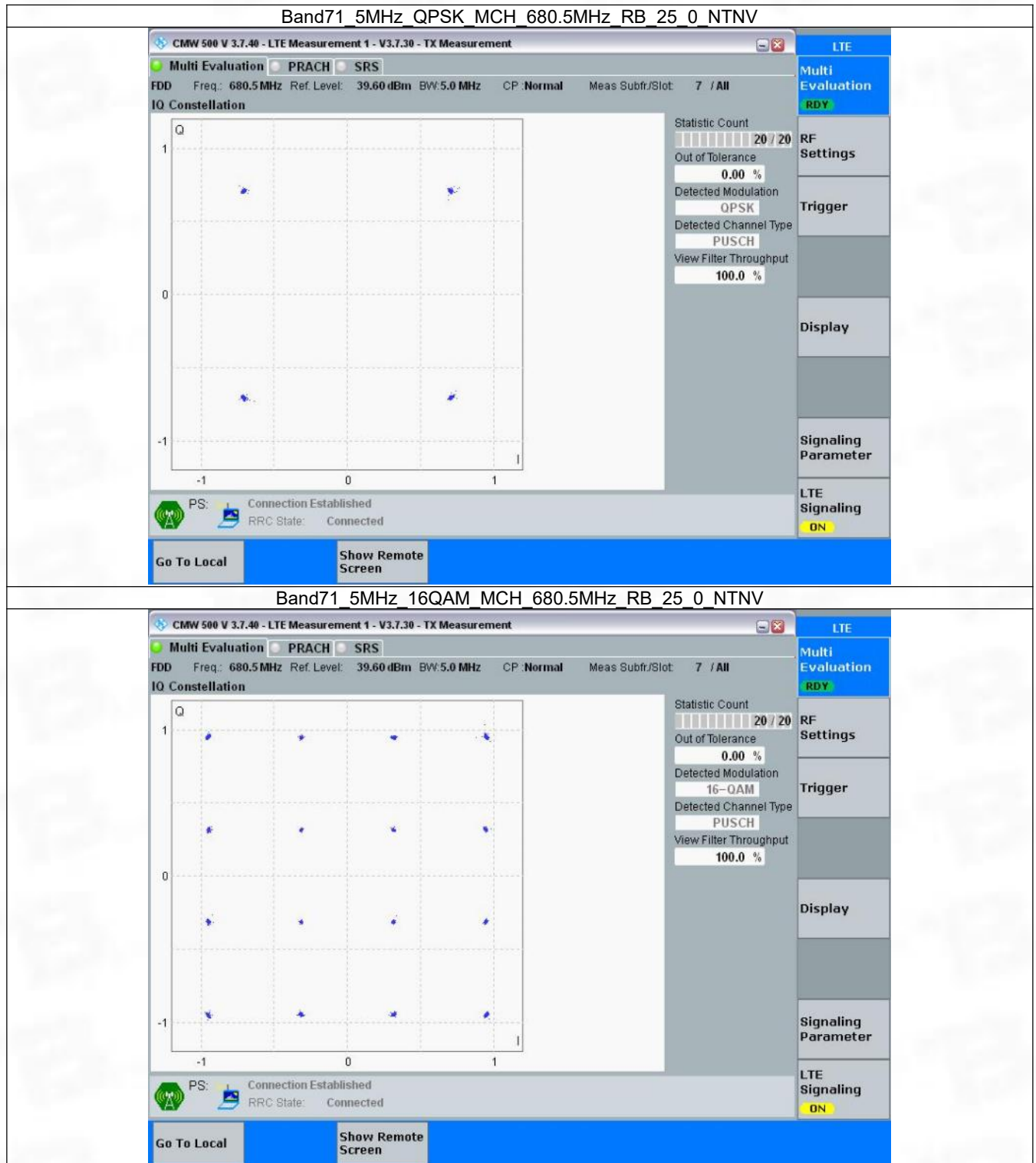
	(MHz)	Size	Offset	Result	Limit	
QPSK	680.5	75	0	Refer To Test Graph		Pass
16QAM	680.5	75	0	Refer To Test Graph		Pass

3.1.4 B71_20MHz

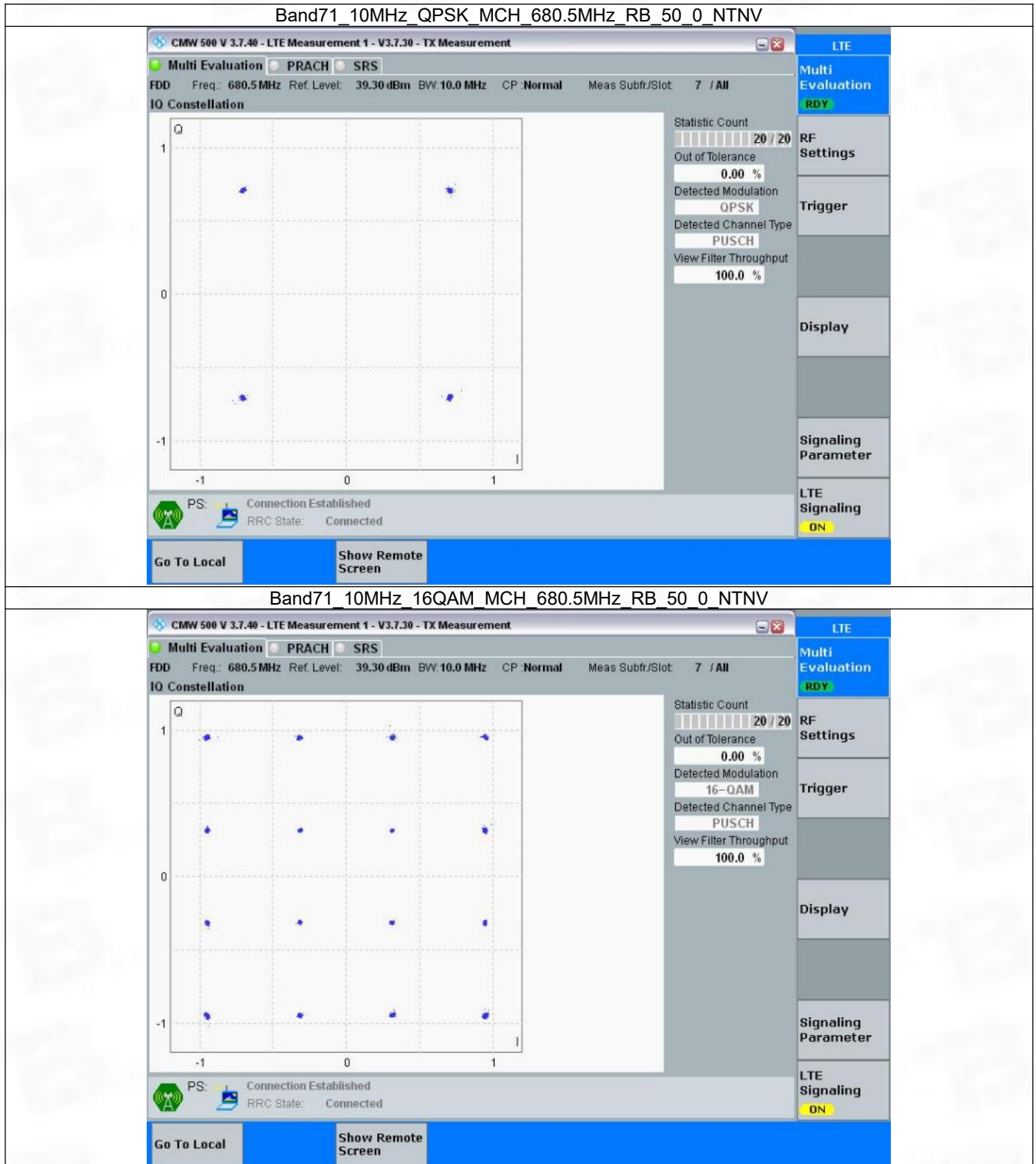
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass

3.2 Test Graph

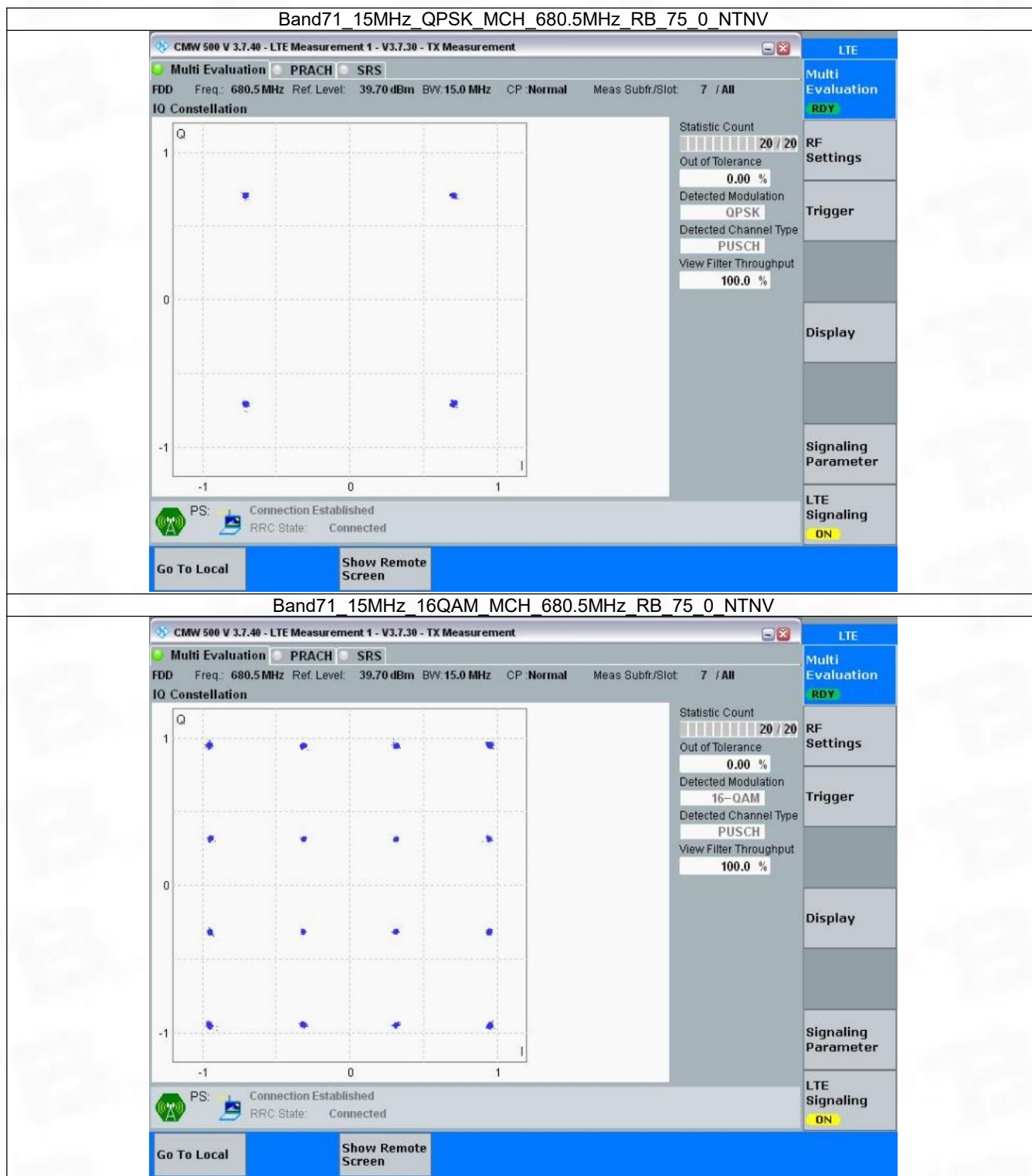
3.2.1 B71_5MHz



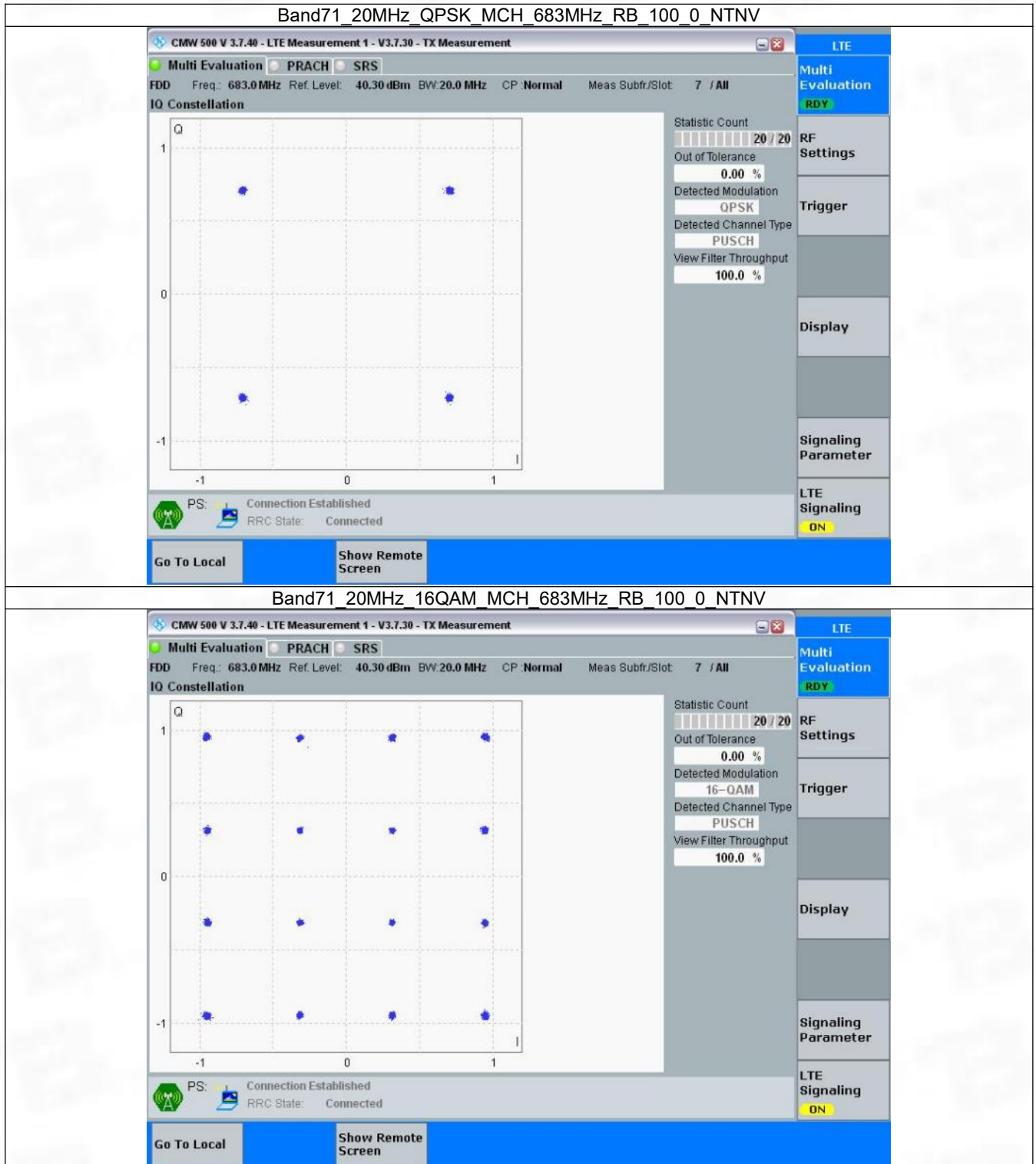
3.2.2 B71_10MHz



3.2.3 B71_15MHz



3.2.4 B71_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band71_OBW

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.551	/	Pass
		680.5	25	0	4.549	/	Pass
		695.5	25	0	4.560	/	Pass
	16QAM	665.5	25	0	4.558	/	Pass
		680.5	25	0	4.552	/	Pass
		695.5	25	0	4.558	/	Pass
10	QPSK	668	50	0	9.069	/	Pass
		680.5	50	0	9.085	/	Pass
		693	50	0	9.112	/	Pass
	16QAM	668	50	0	9.046	/	Pass
		680.5	50	0	9.114	/	Pass
		693	50	0	9.108	/	Pass
15	QPSK	670.5	75	0	13.555	/	Pass
		680.5	75	0	13.666	/	Pass
		690.5	75	0	13.569	/	Pass
	16QAM	670.5	75	0	13.545	/	Pass
		680.5	75	0	13.685	/	Pass
		690.5	75	0	13.561	/	Pass
20	QPSK	673	100	0	18.138	/	Pass
		683	100	0	18.136	/	Pass
		688	100	0	18.089	/	Pass
	16QAM	673	100	0	18.111	/	Pass
		683	100	0	18.163	/	Pass
		688	100	0	18.062	/	Pass

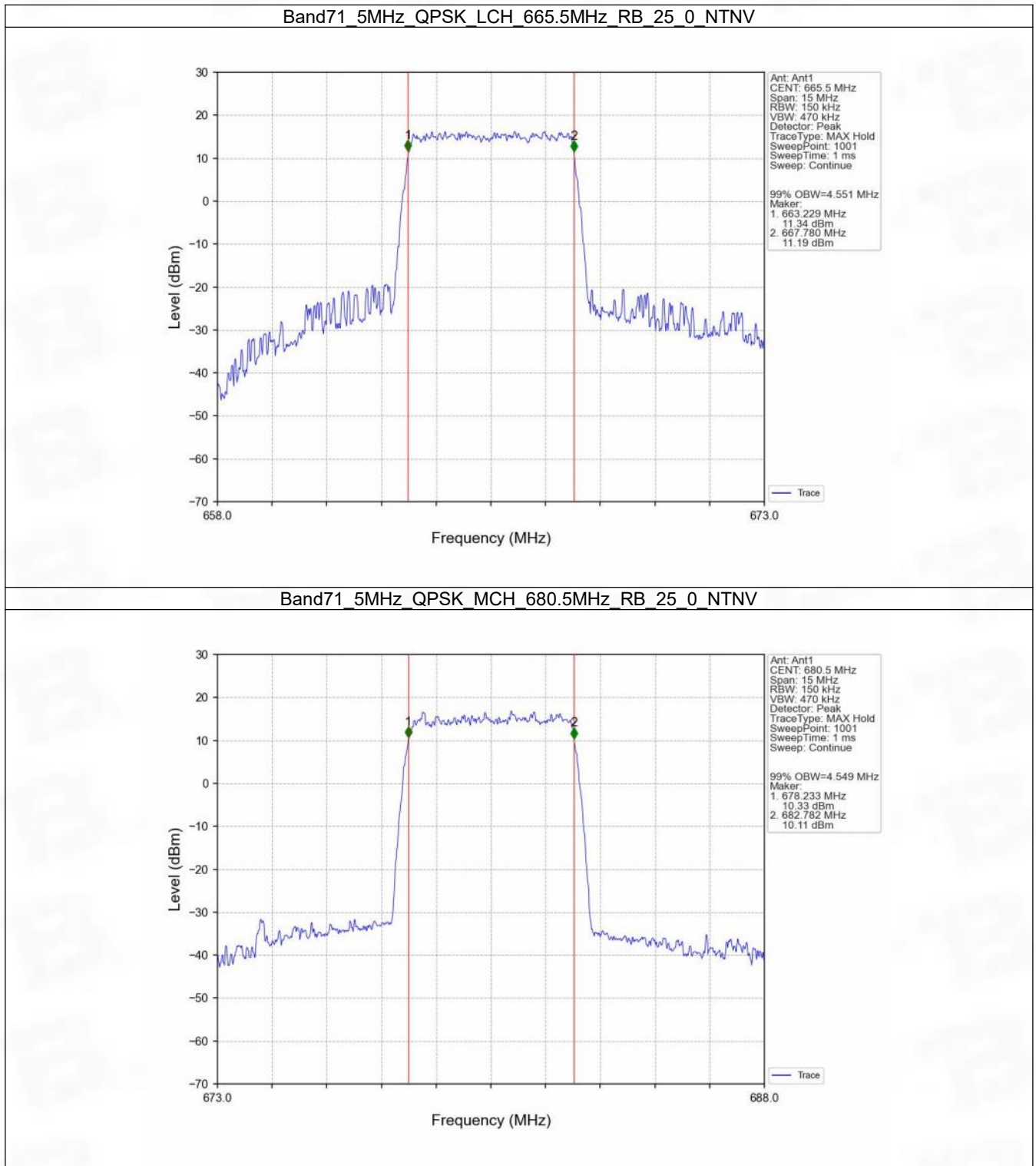
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.052	/	Pass
		680.5	25	0	5.059	/	Pass
		695.5	25	0	5.044	/	Pass
	16QAM	665.5	25	0	5.086	/	Pass
		680.5	25	0	5.067	/	Pass
		695.5	25	0	5.066	/	Pass
10	QPSK	668	50	0	9.994	/	Pass
		680.5	50	0	10.058	/	Pass
		693	50	0	10.082	/	Pass
	16QAM	668	50	0	10.077	/	Pass
		680.5	50	0	10.032	/	Pass
		693	50	0	10.014	/	Pass
15	QPSK	670.5	75	0	14.969	/	Pass
		680.5	75	0	15.193	/	Pass
		690.5	75	0	15.193	/	Pass
	16QAM	670.5	75	0	15.113	/	Pass

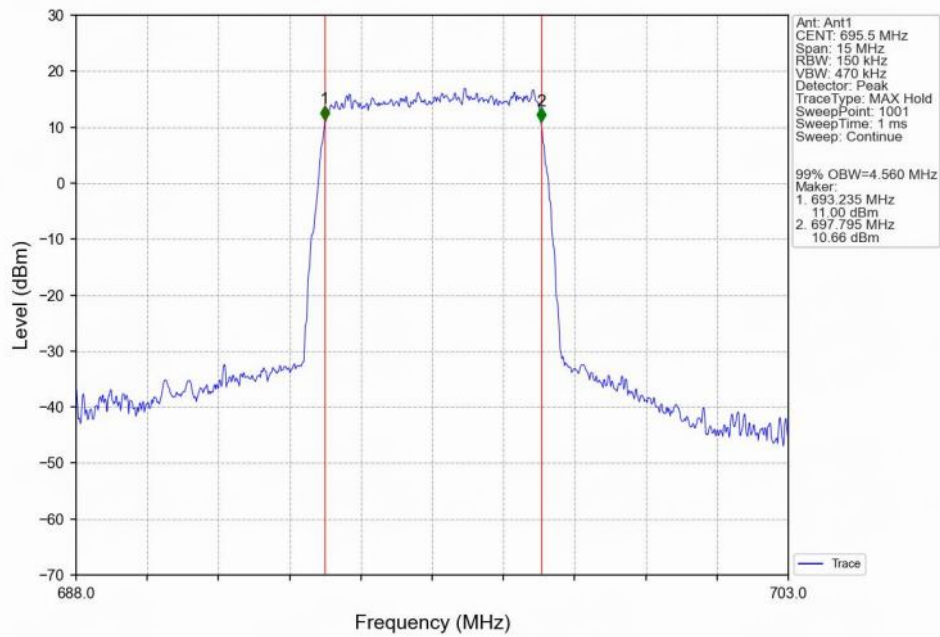
20		680.5	75	0	15.204	/	Pass
		690.5	75	0	15.148	/	Pass
	QPSK	673	100	0	20.042	/	Pass
		683	100	0	19.920	/	Pass
		688	100	0	19.913	/	Pass
	16QAM	673	100	0	20.115	/	Pass
		683	100	0	19.819	/	Pass
		688	100	0	20.003	/	Pass

4.2 Test Graph

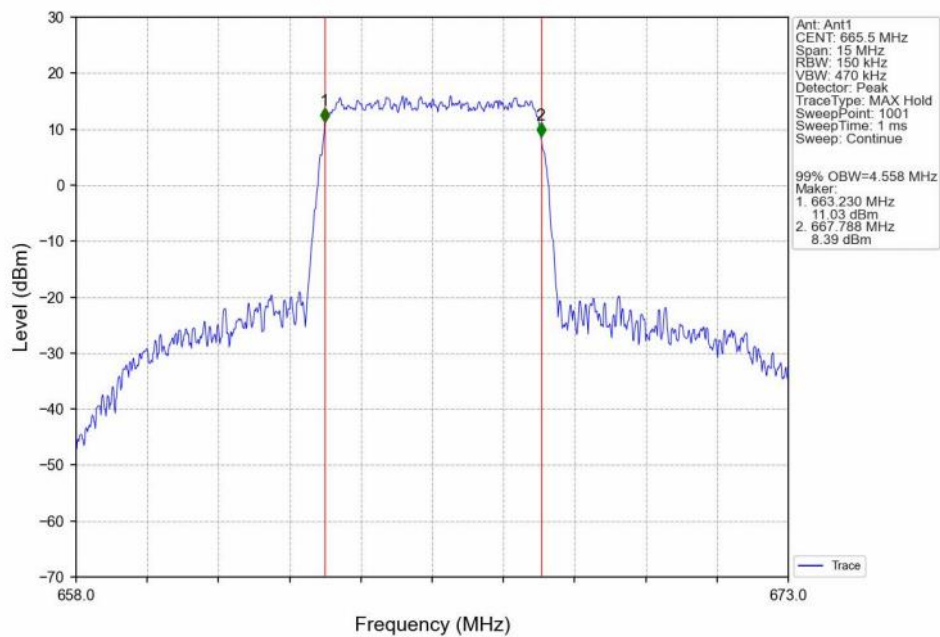
4.2.1 Band71_OBW



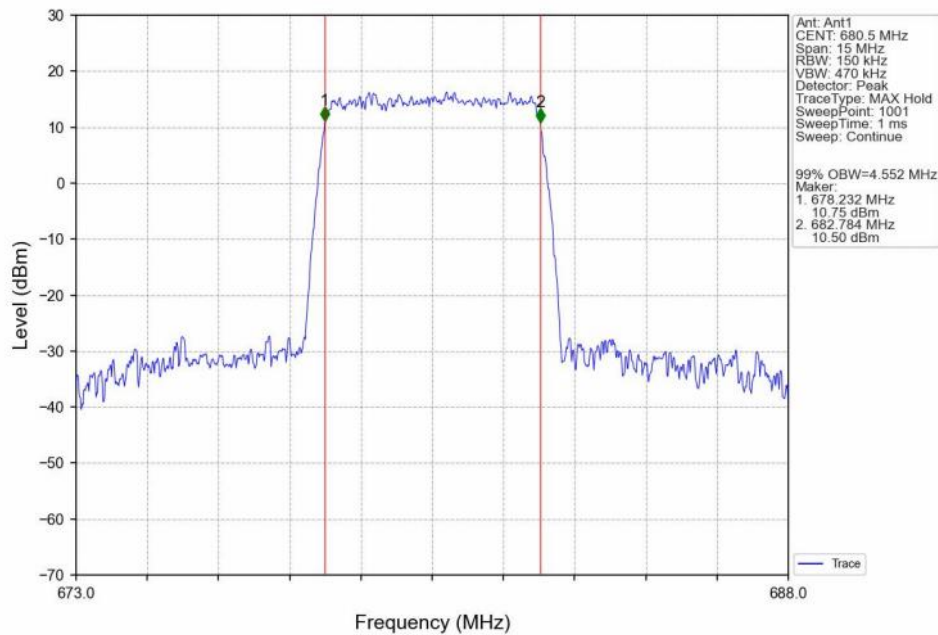
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



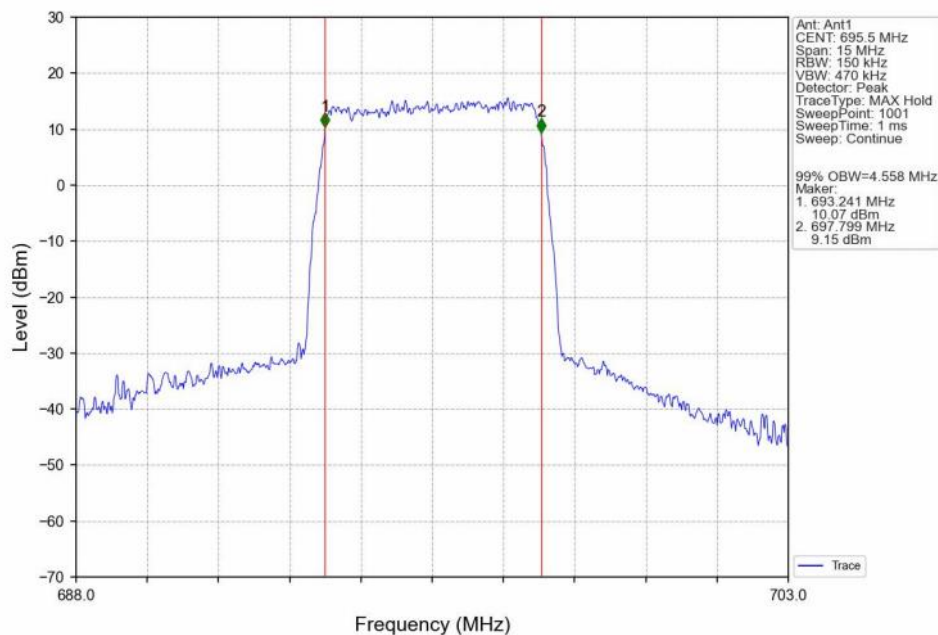
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



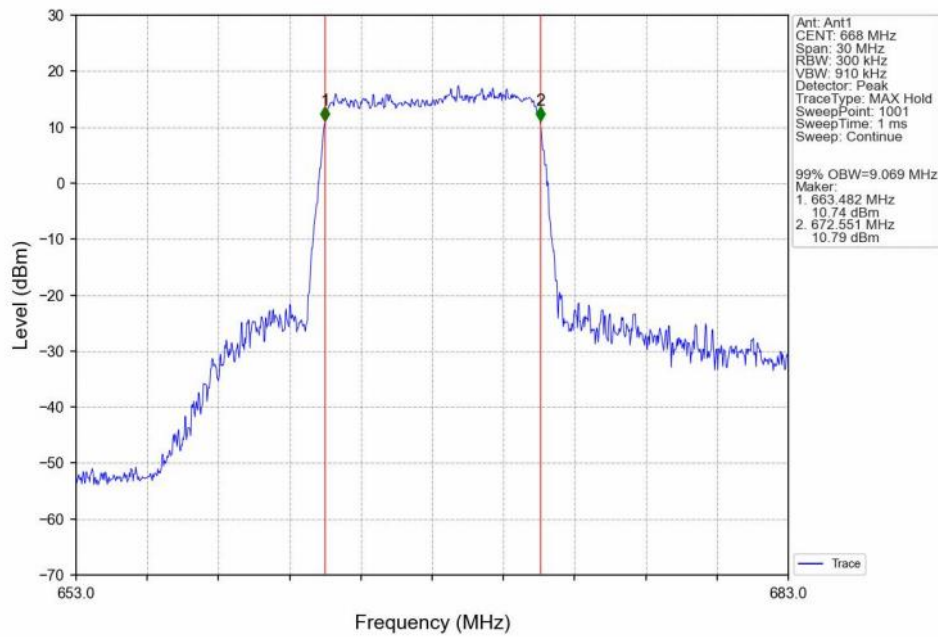
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



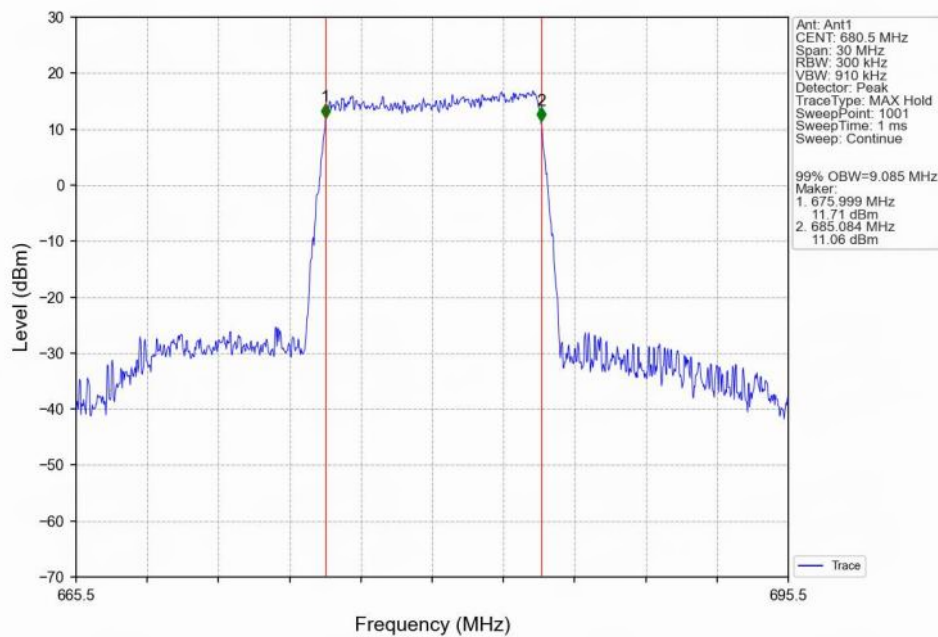
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



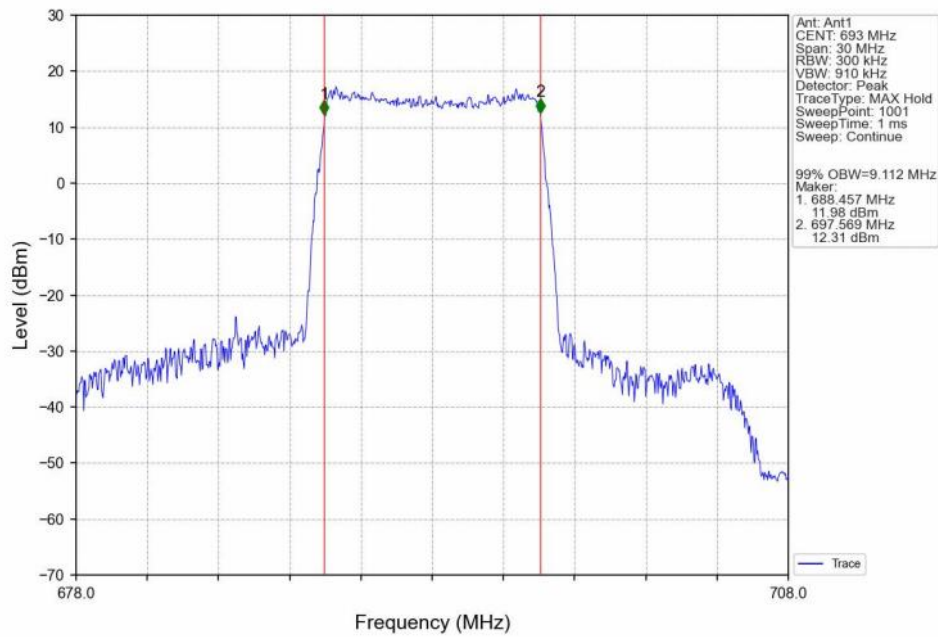
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



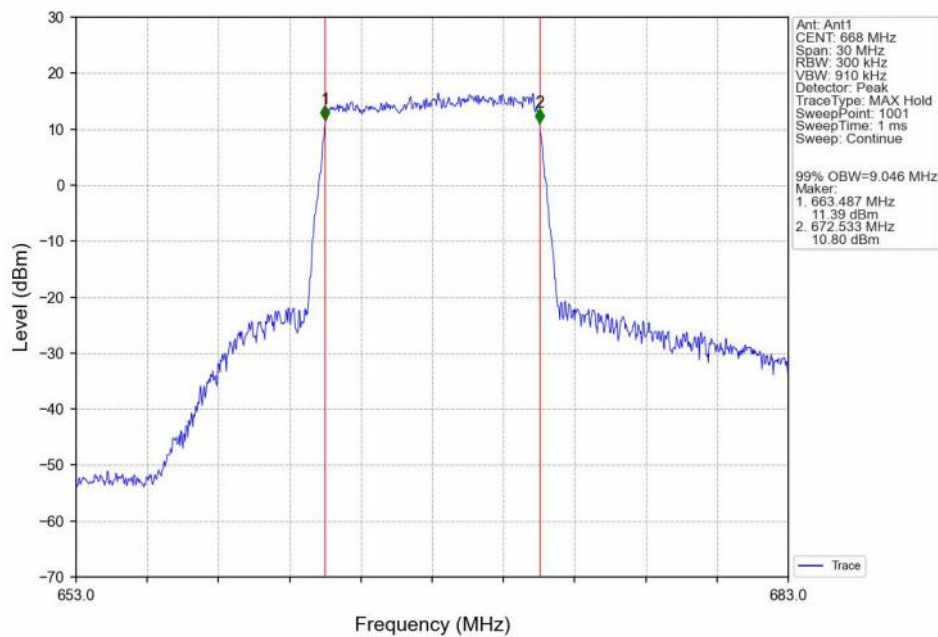
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



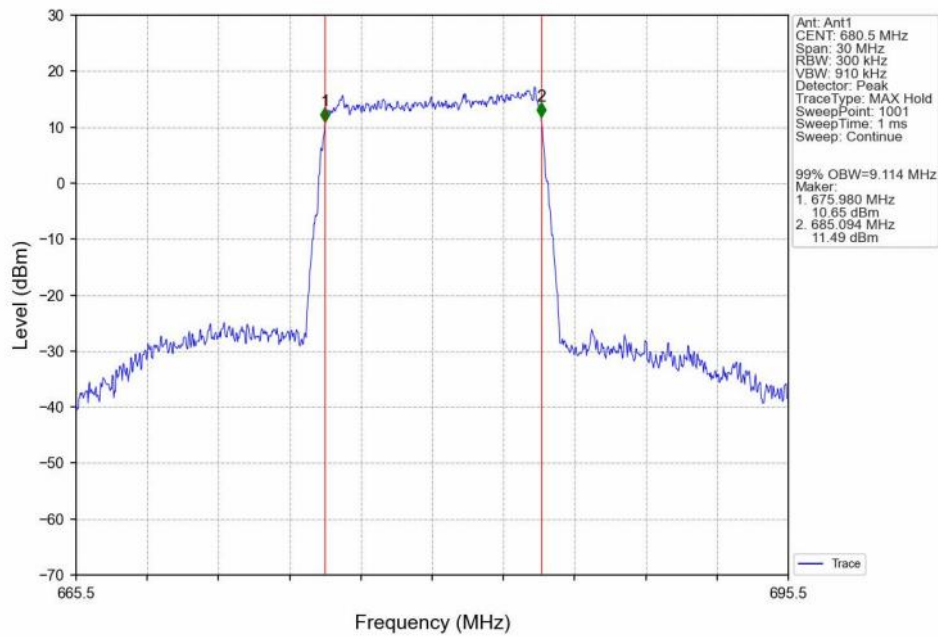
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



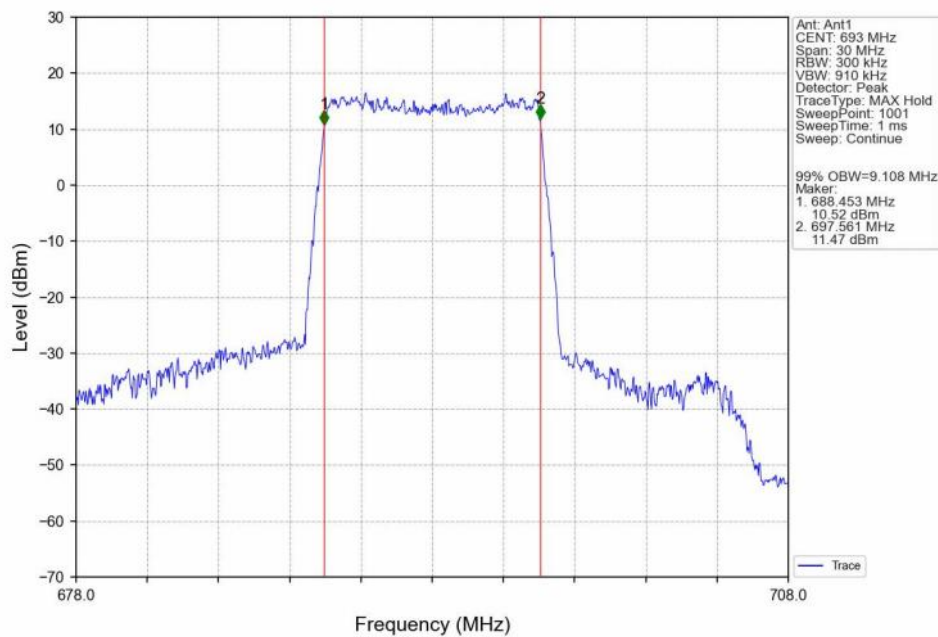
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



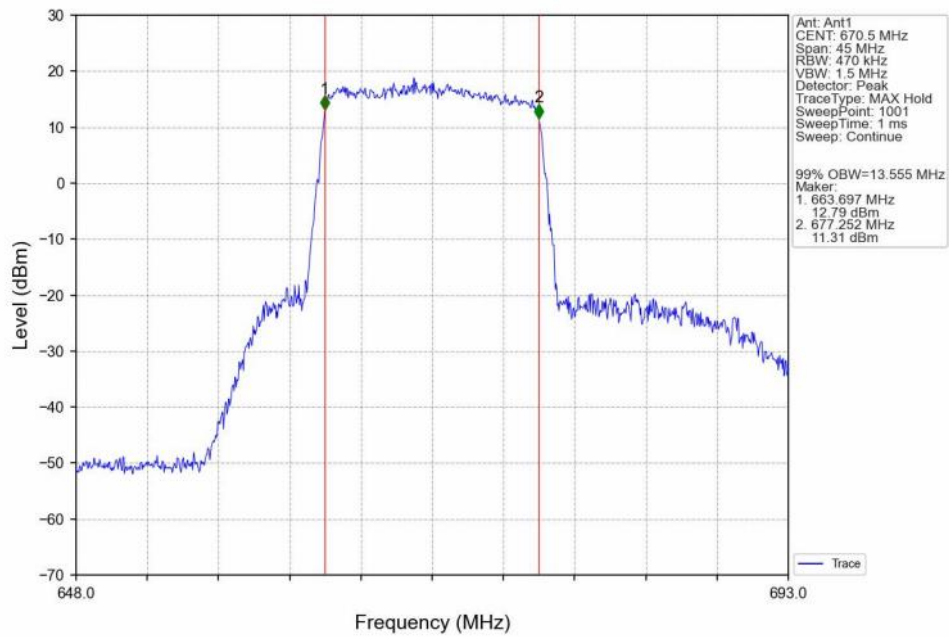
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



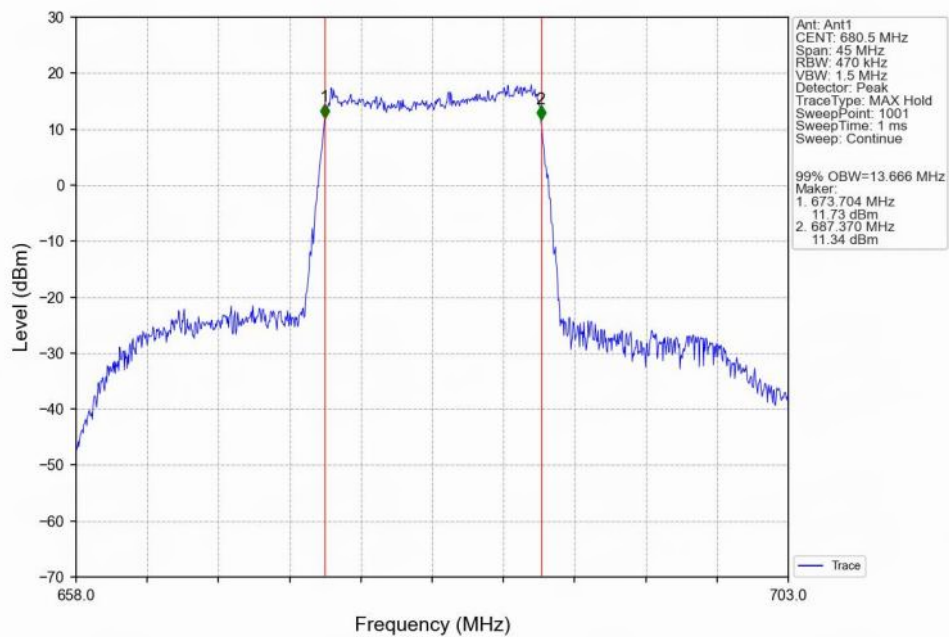
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



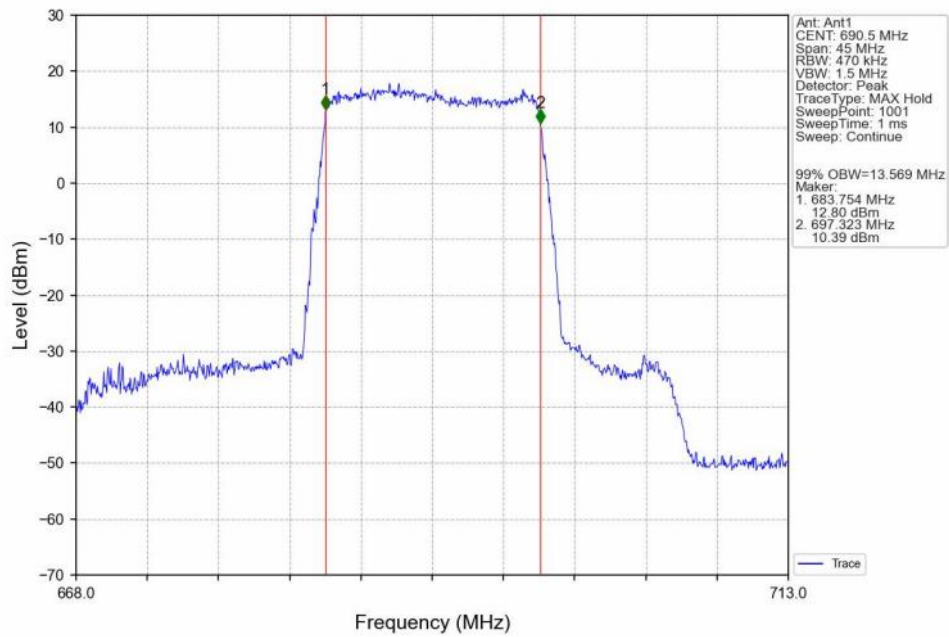
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



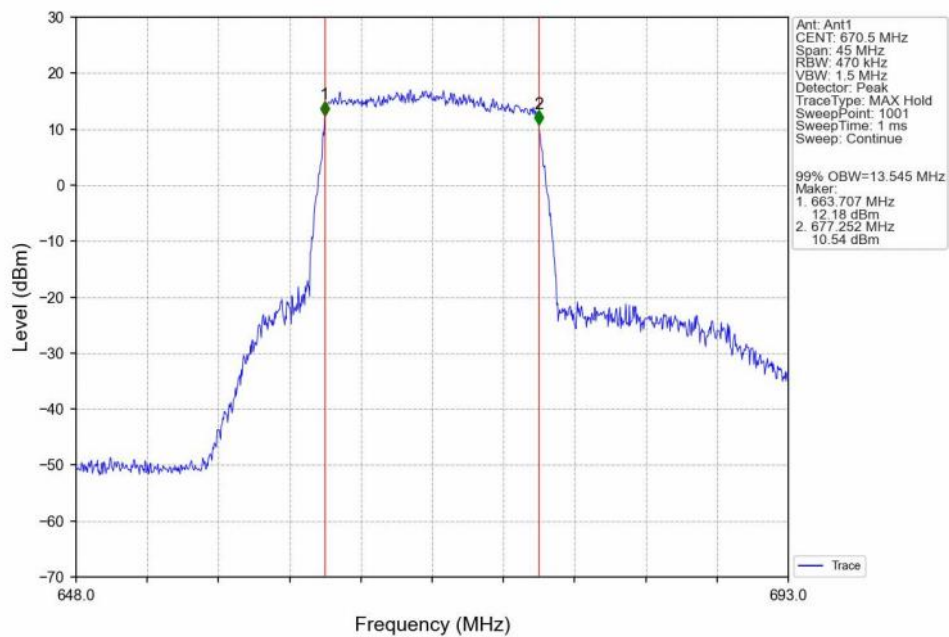
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



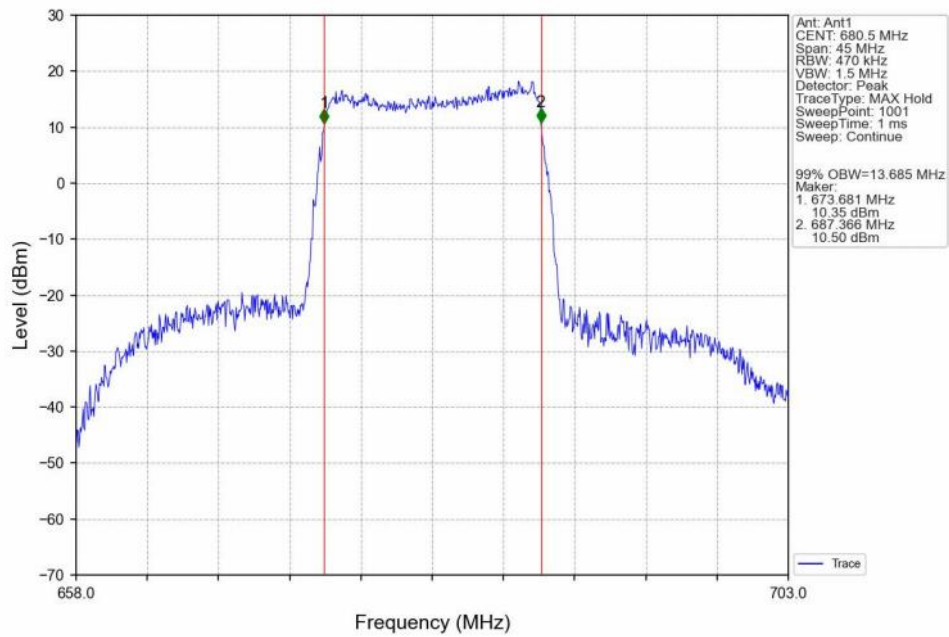
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



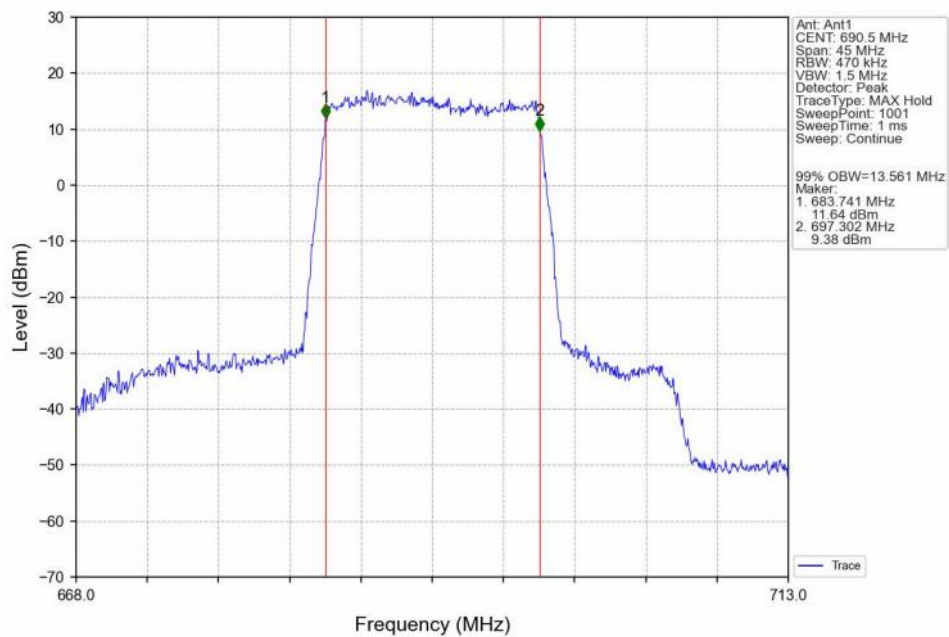
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



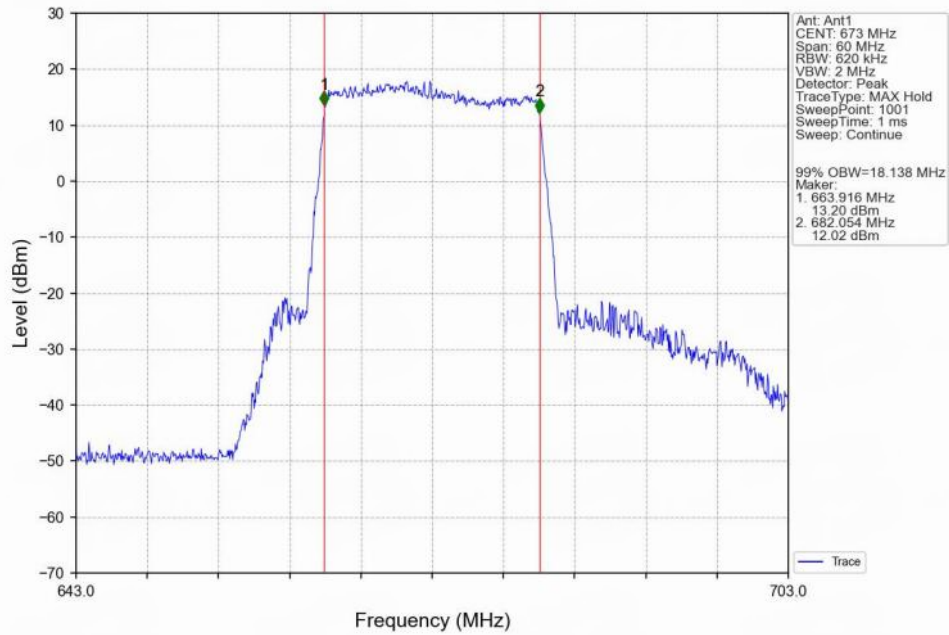
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



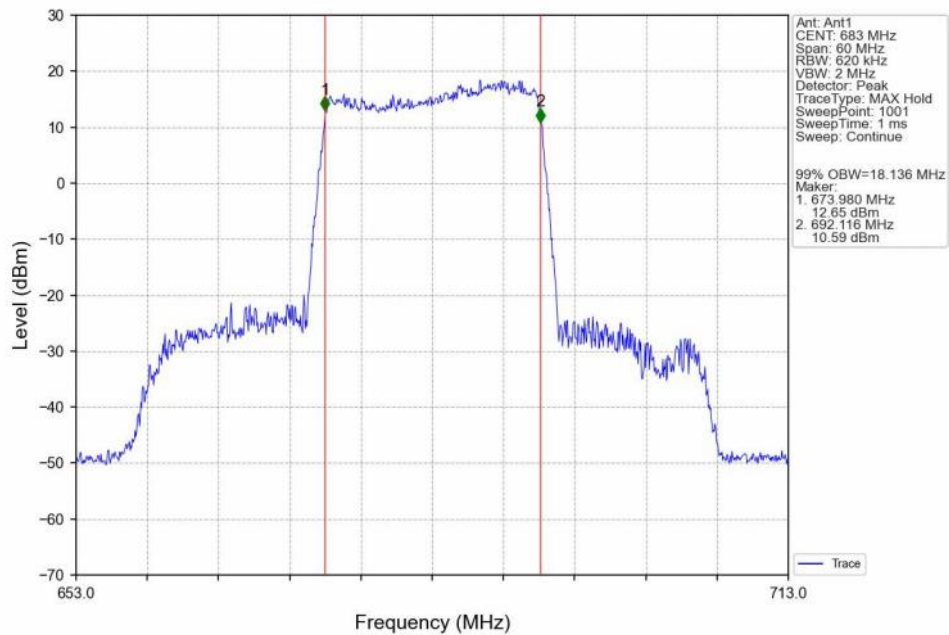
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



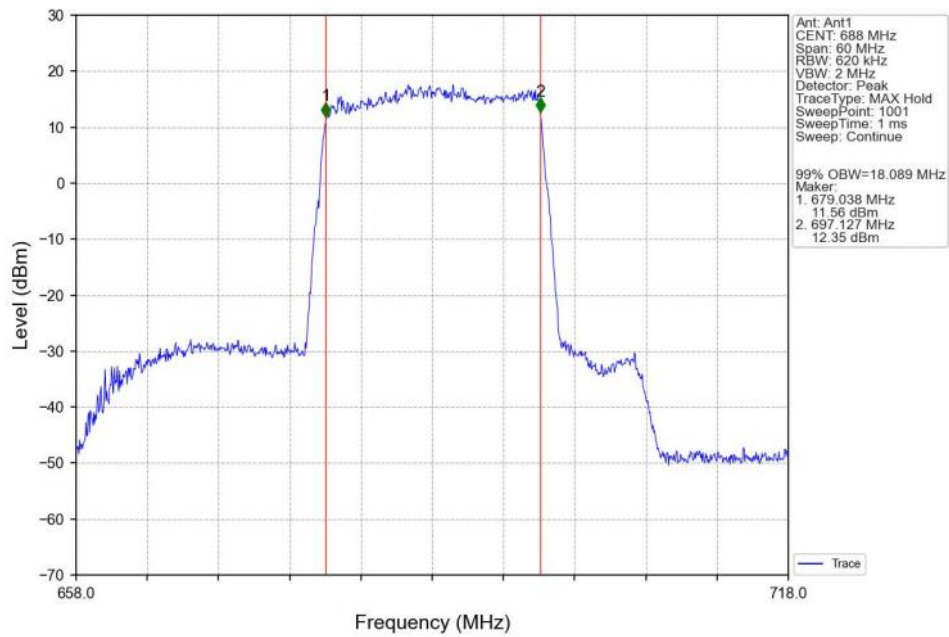
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



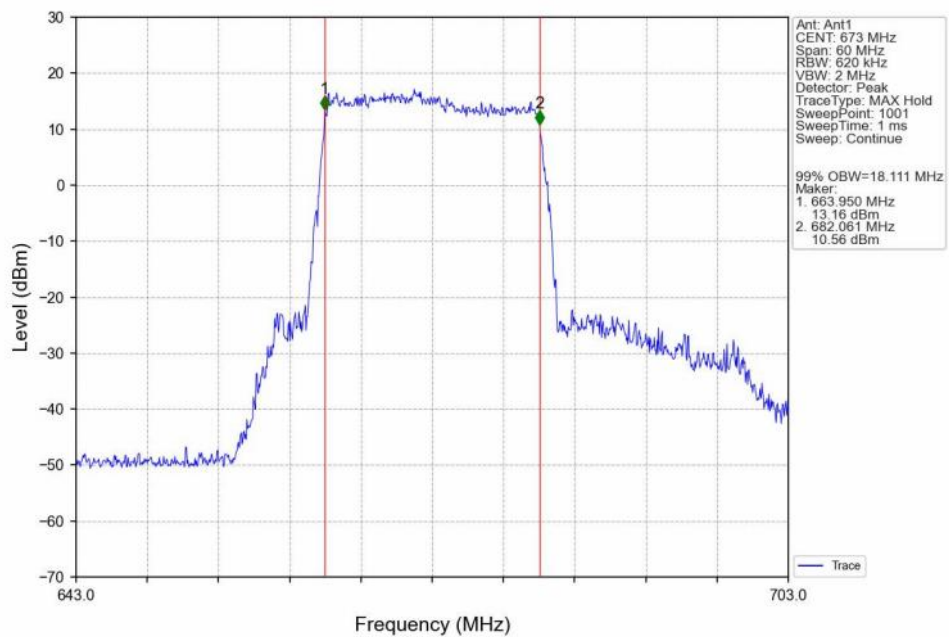
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



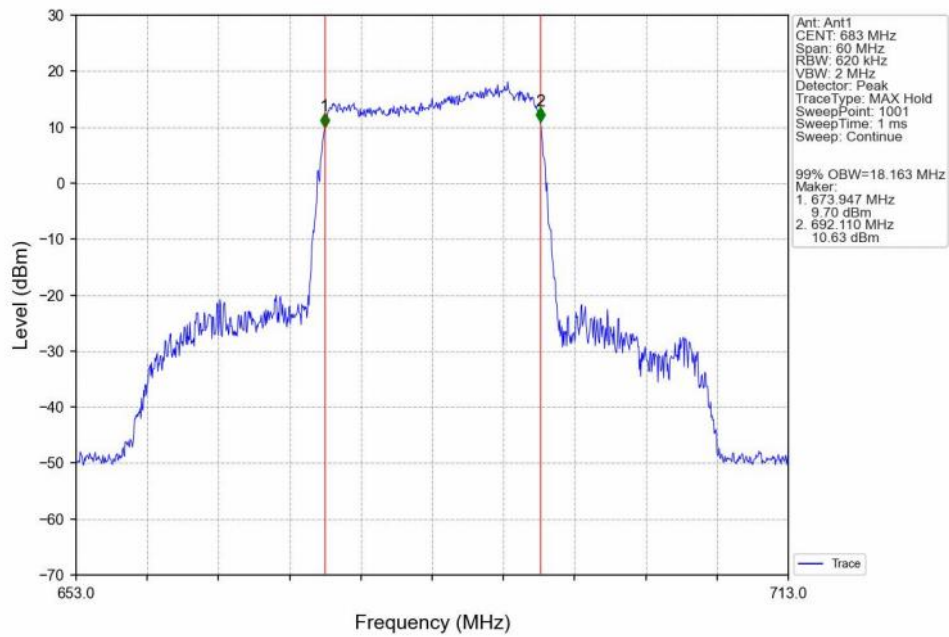
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



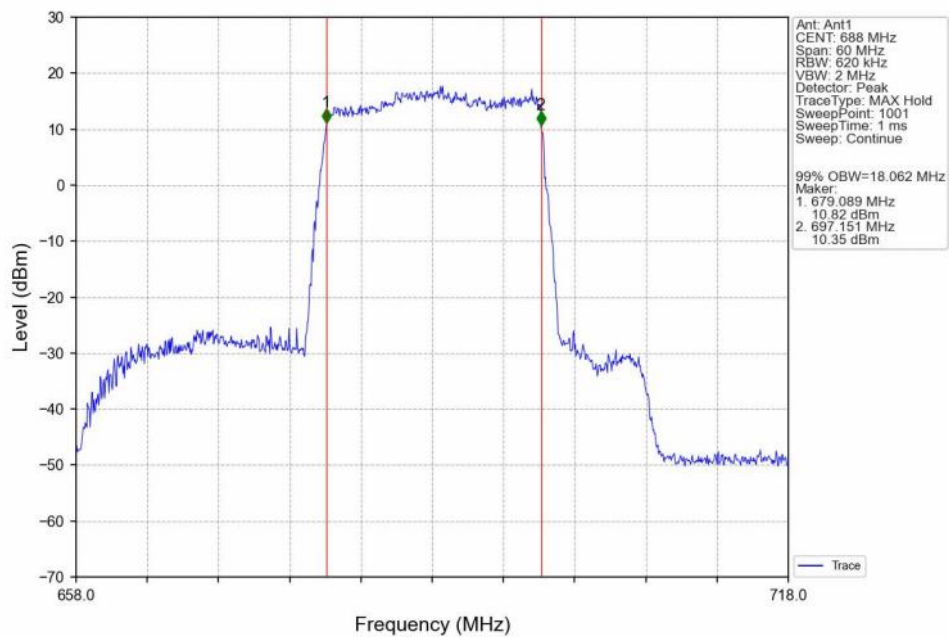
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



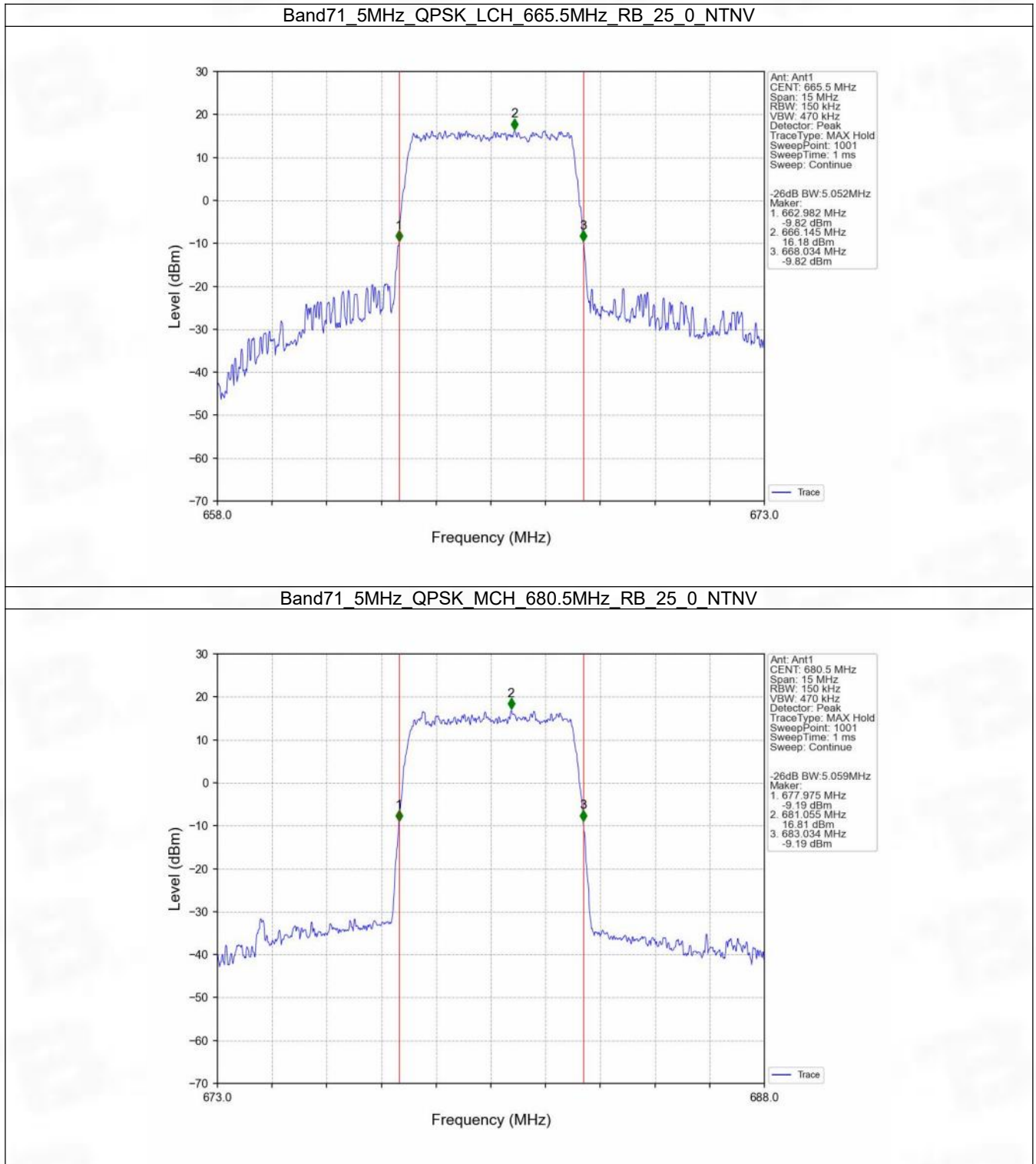
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



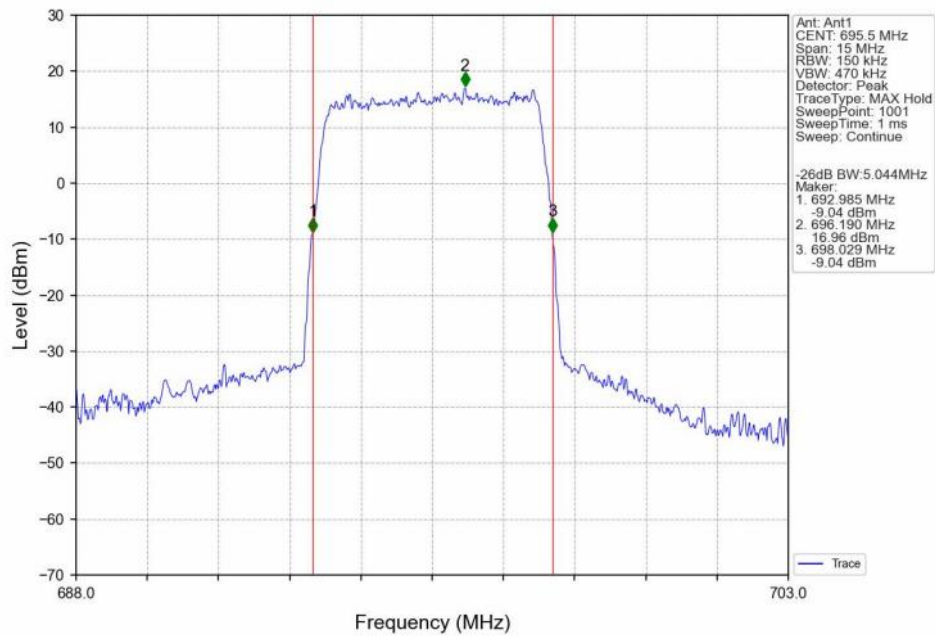
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



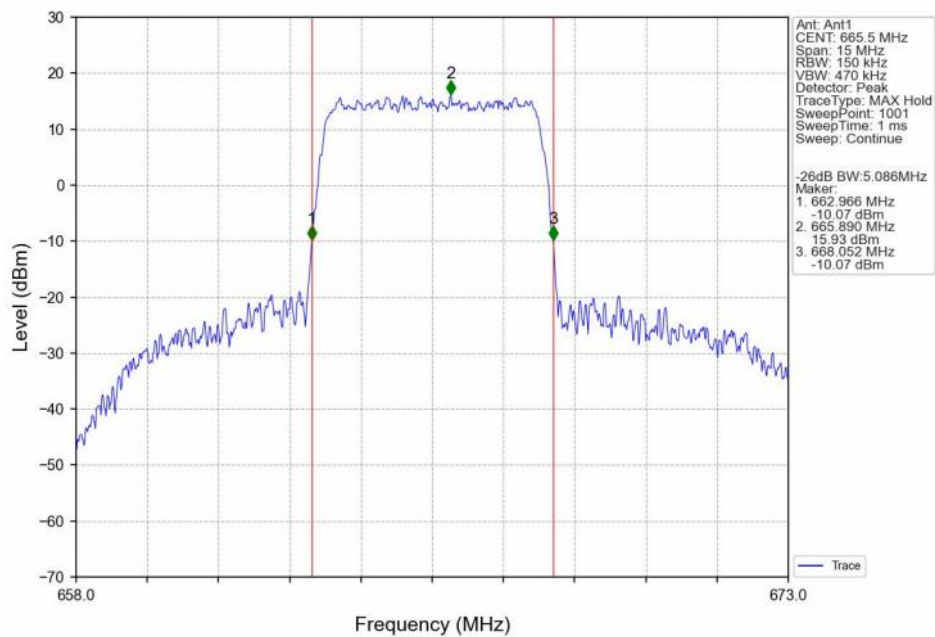
4.2.2 Band71_XDB



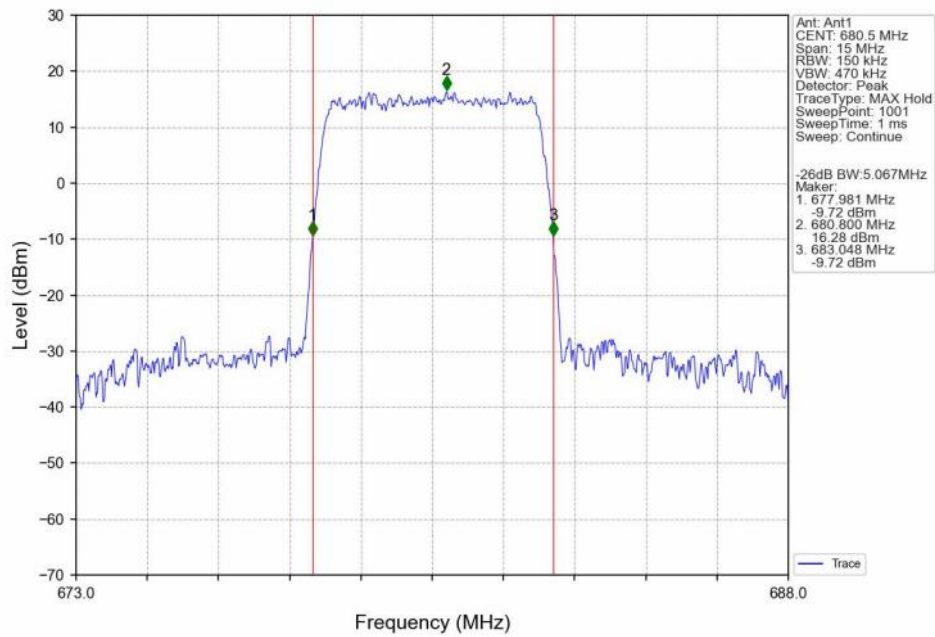
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



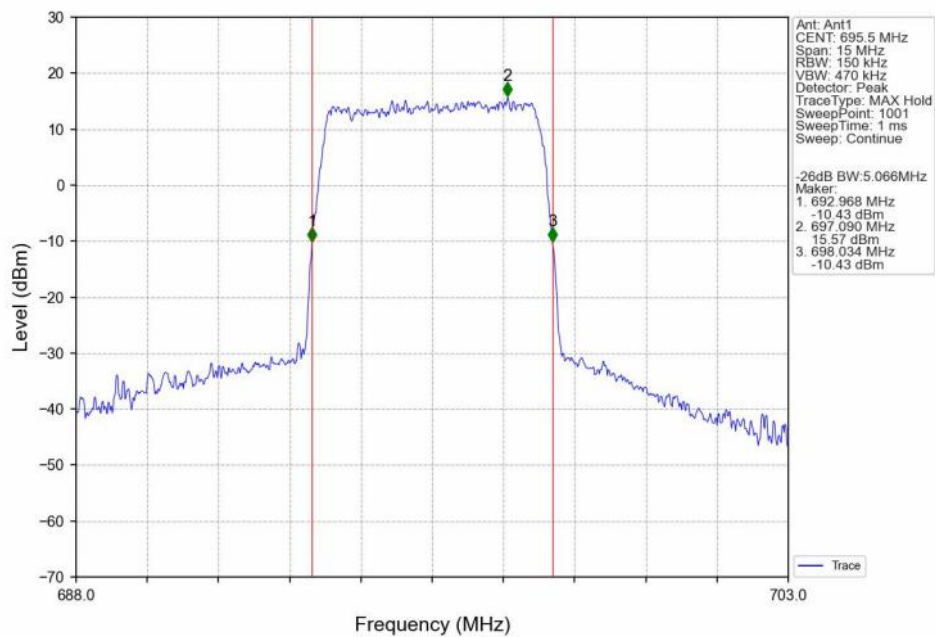
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



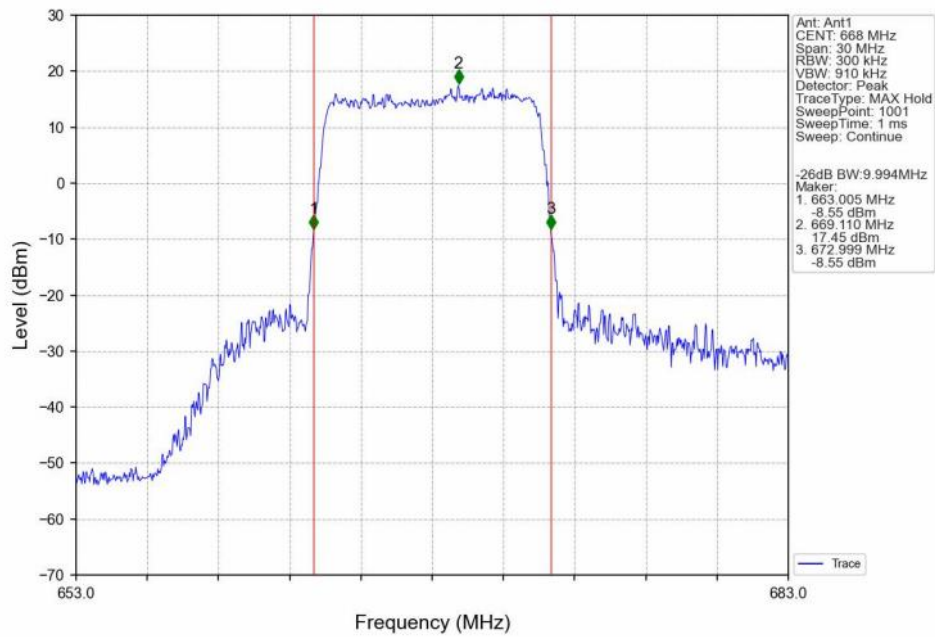
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



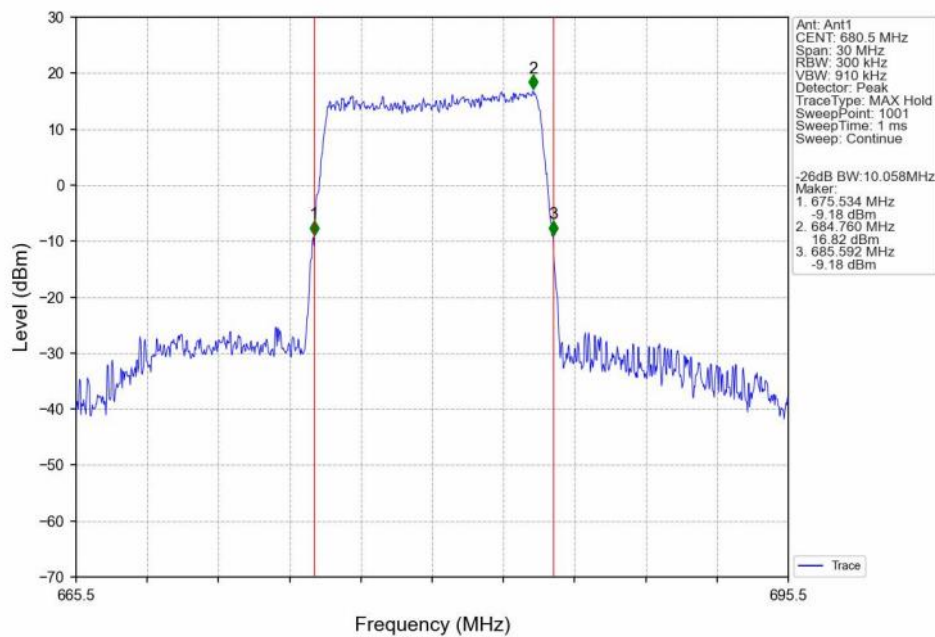
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



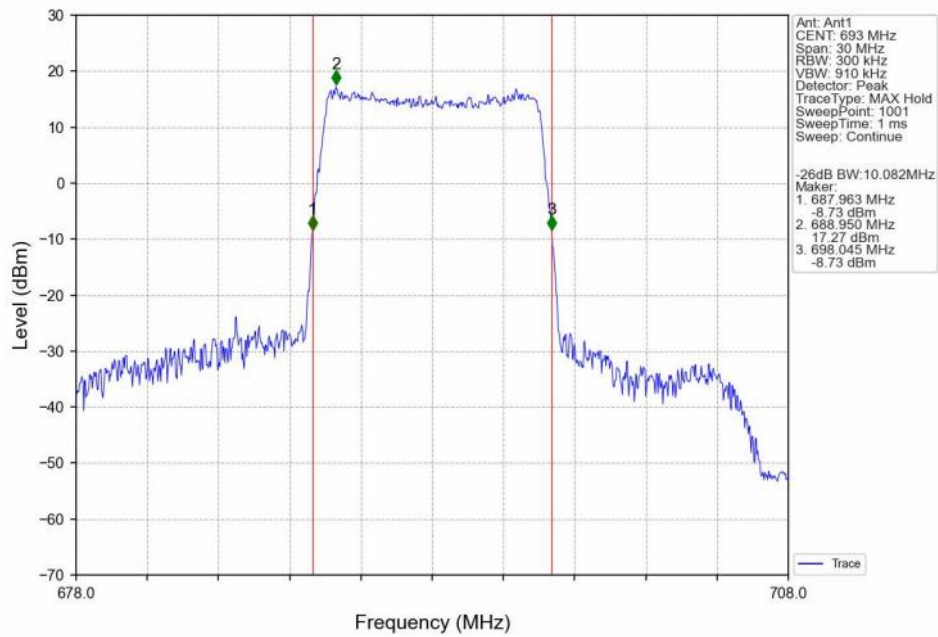
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



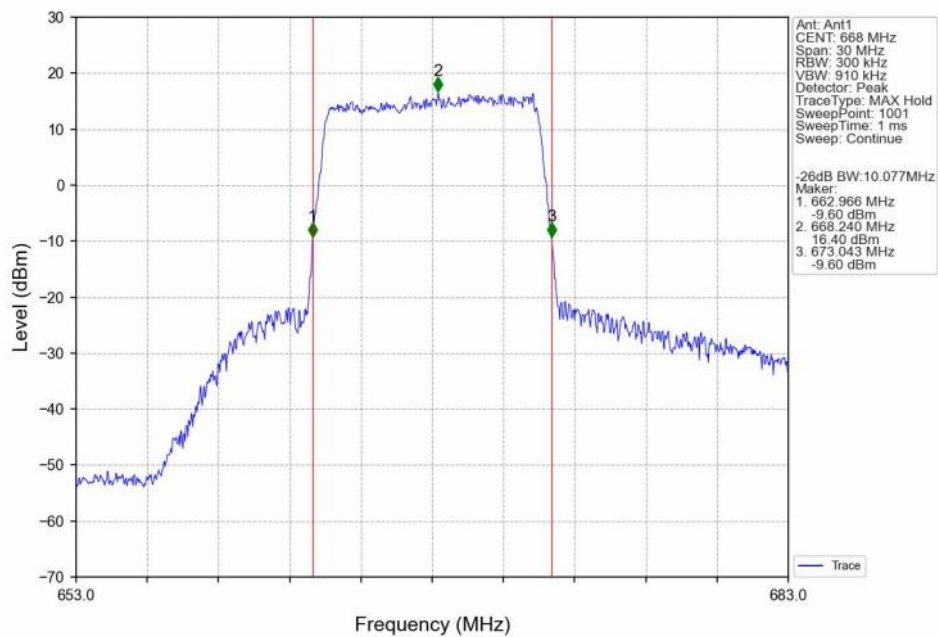
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



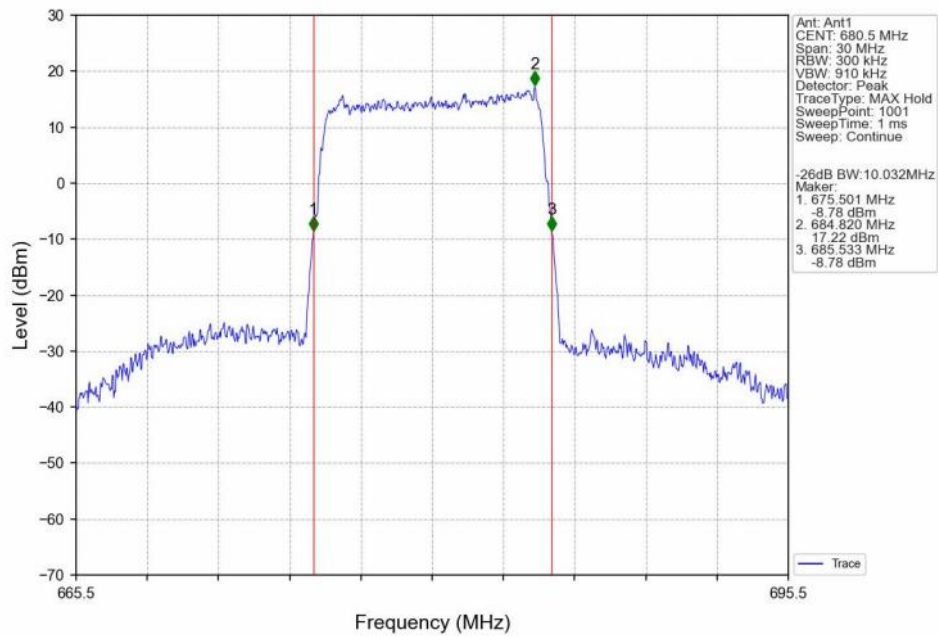
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



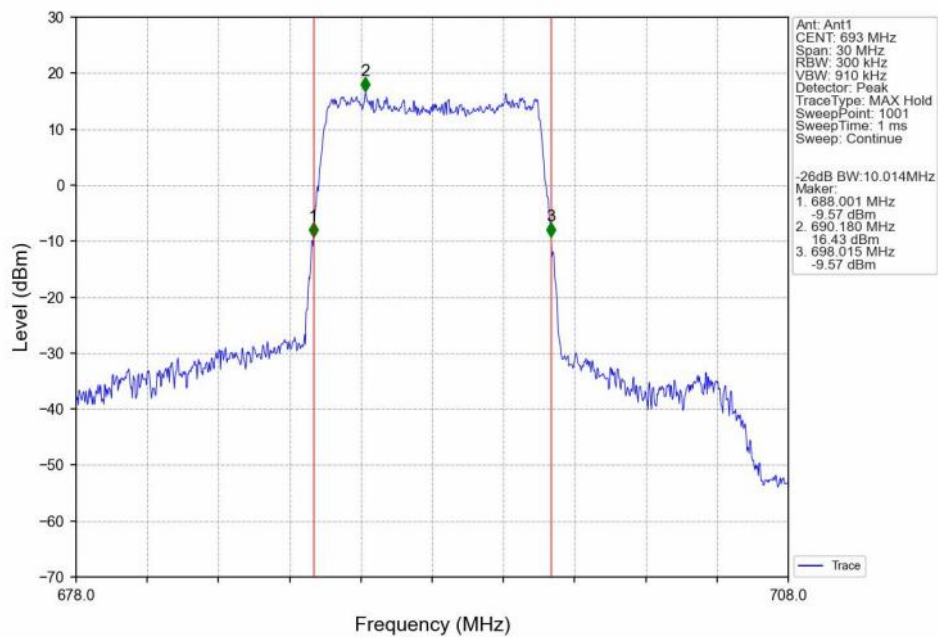
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



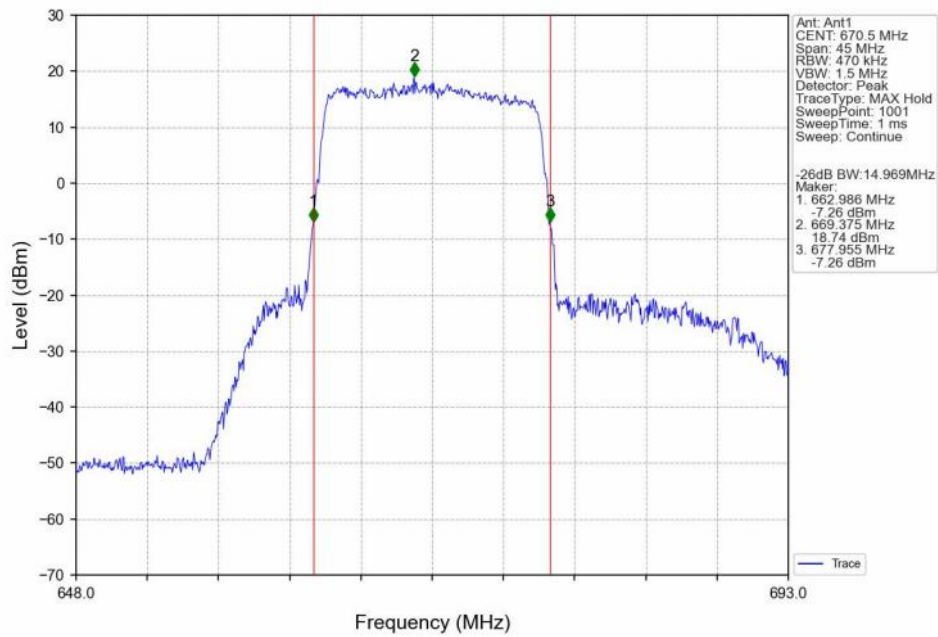
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



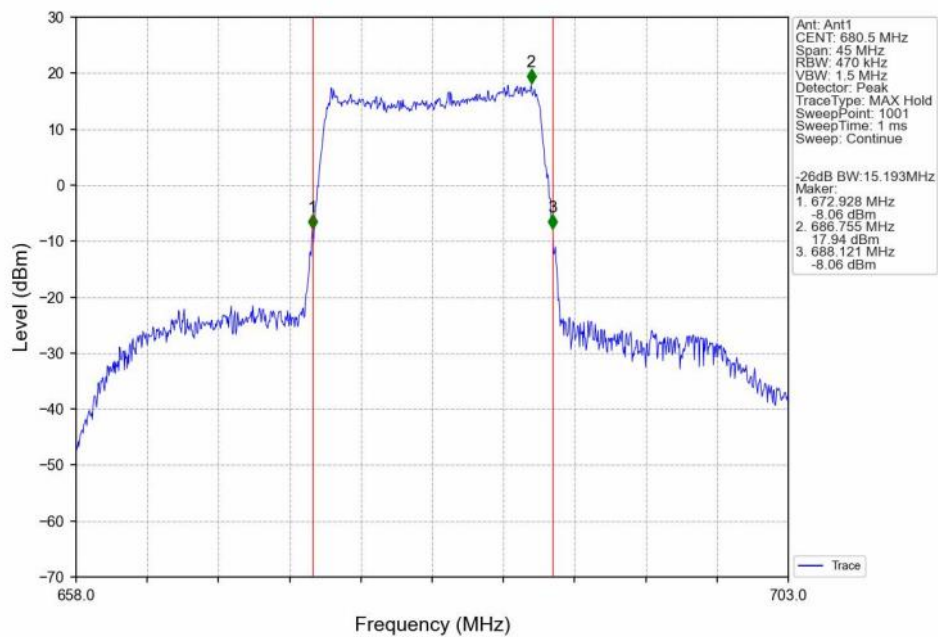
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



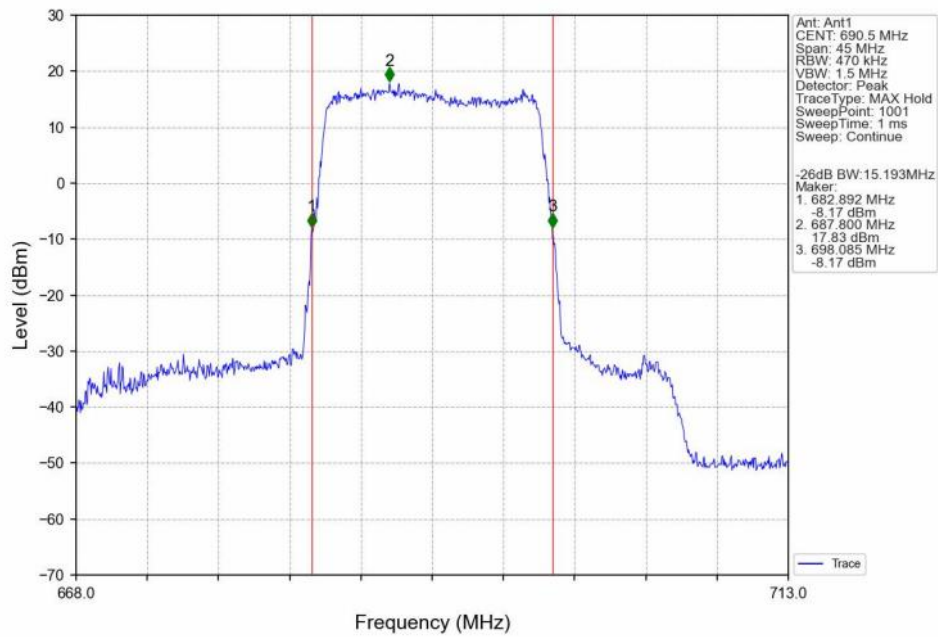
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



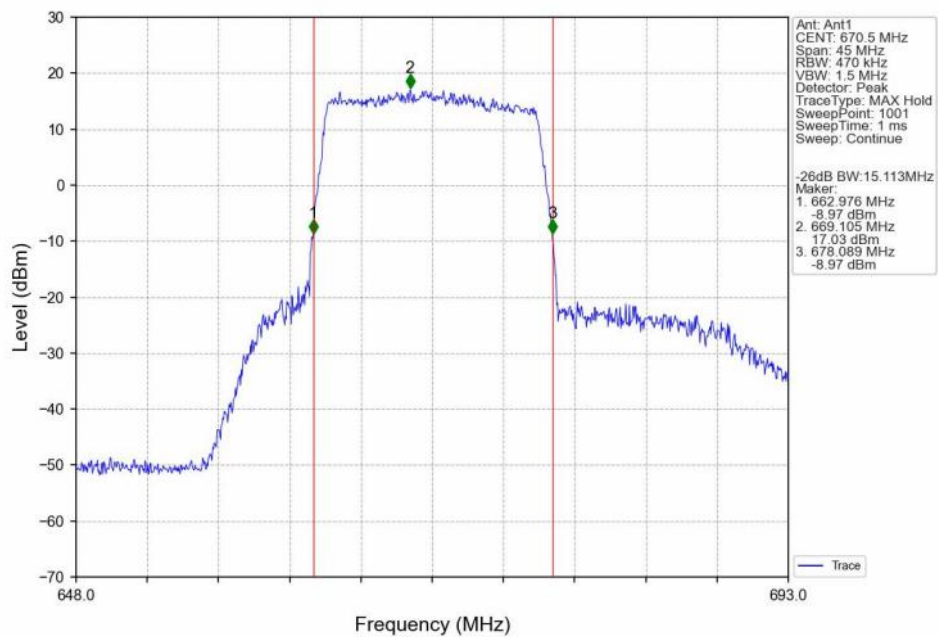
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



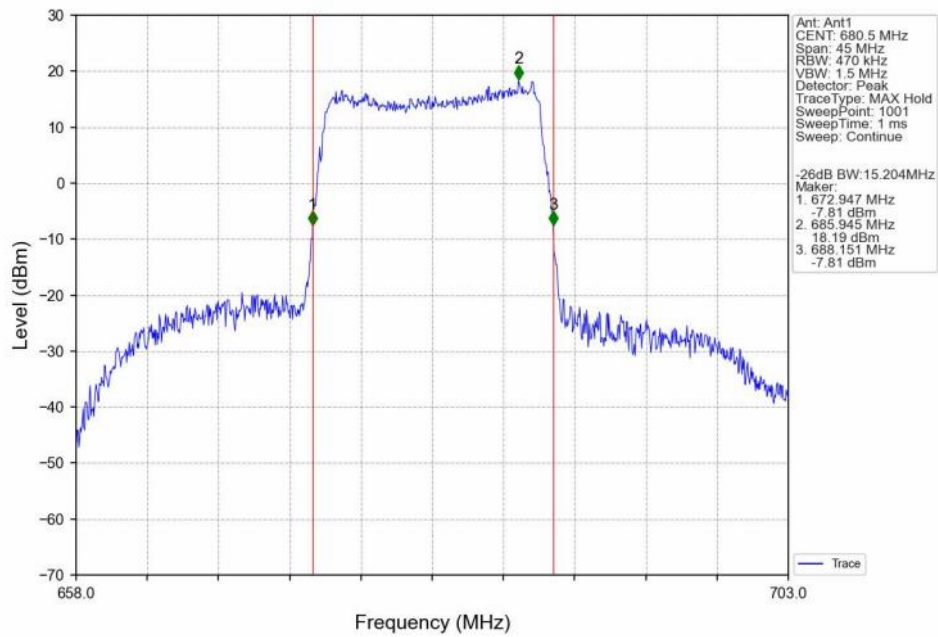
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



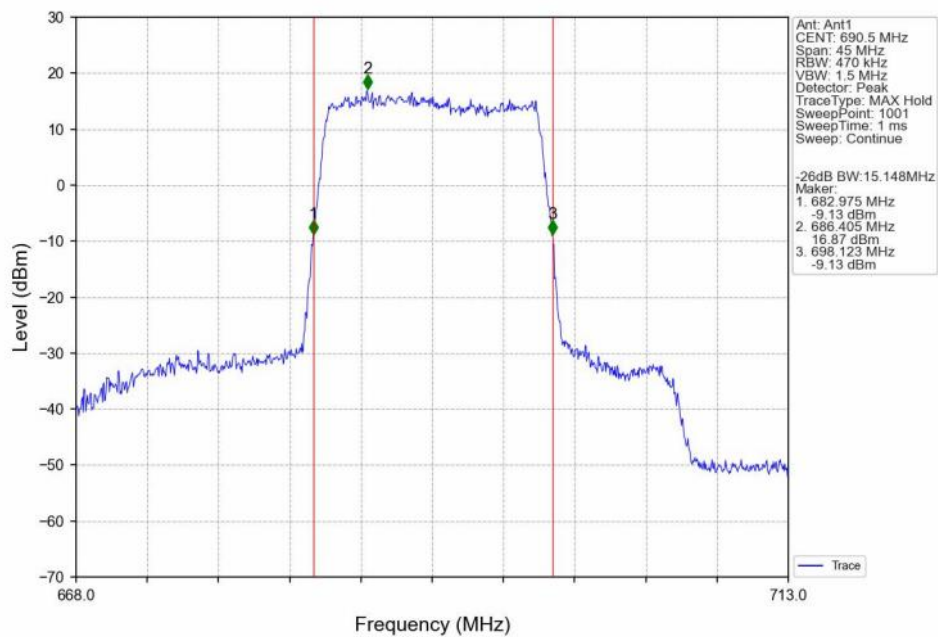
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



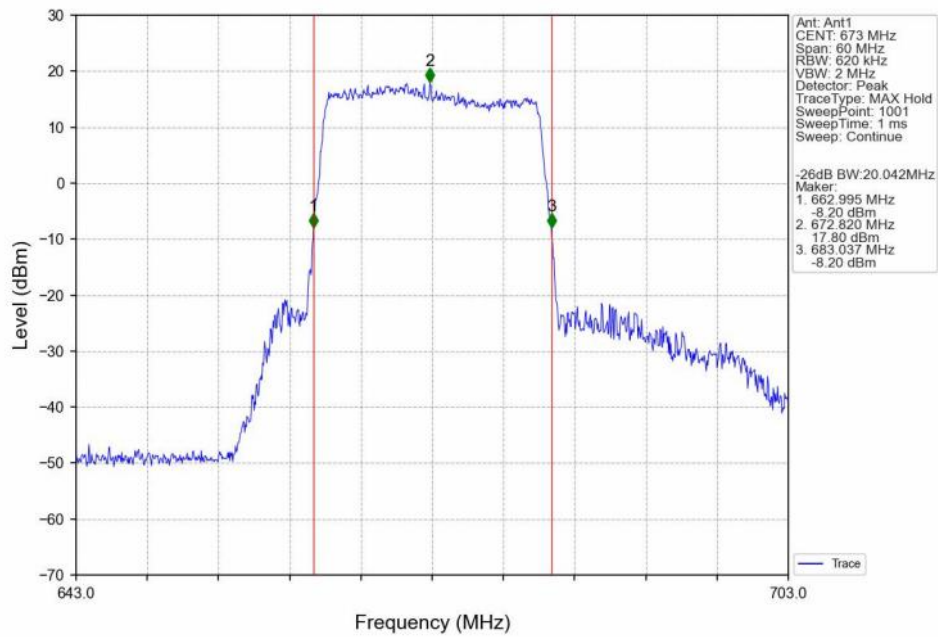
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



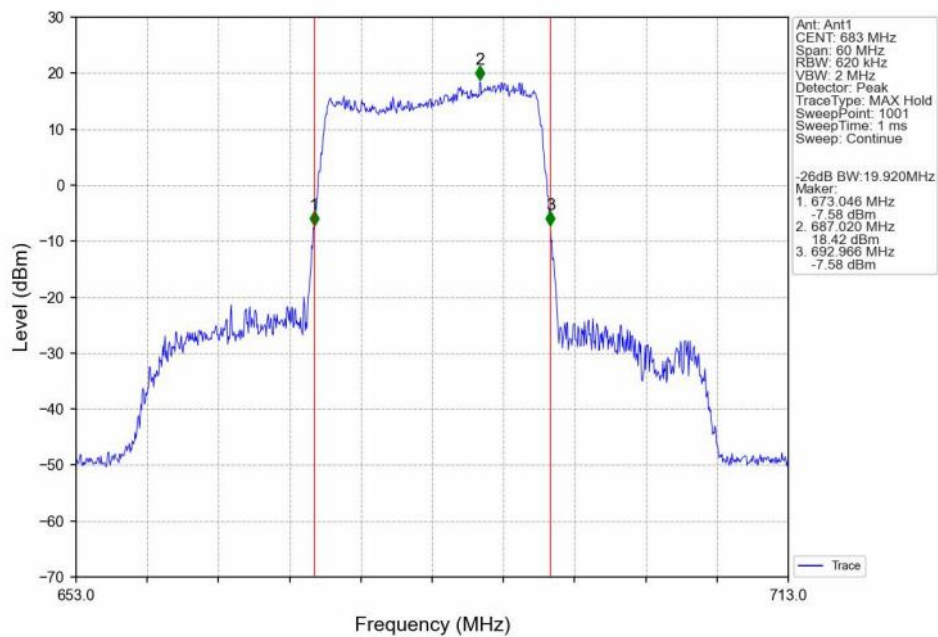
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



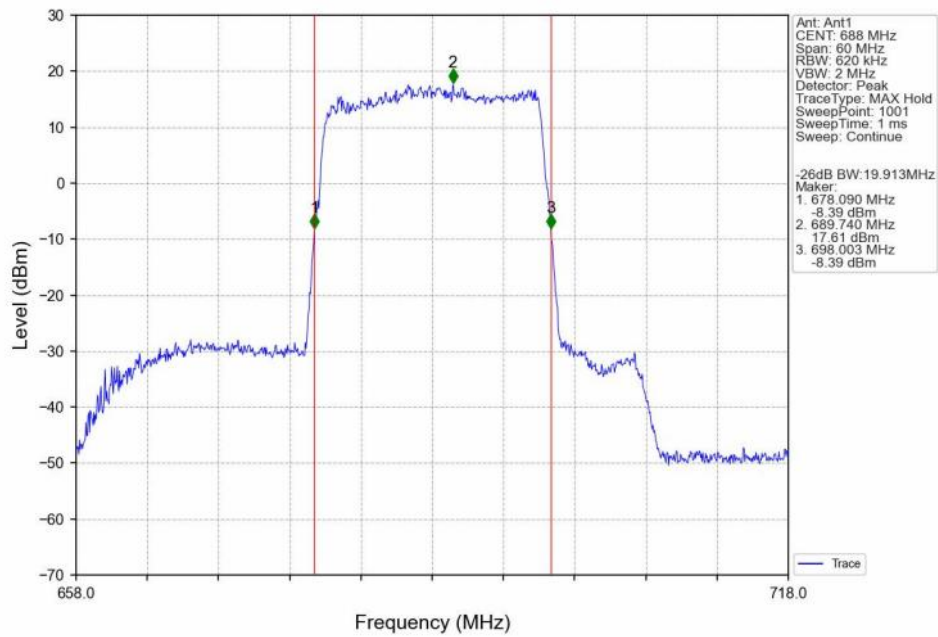
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



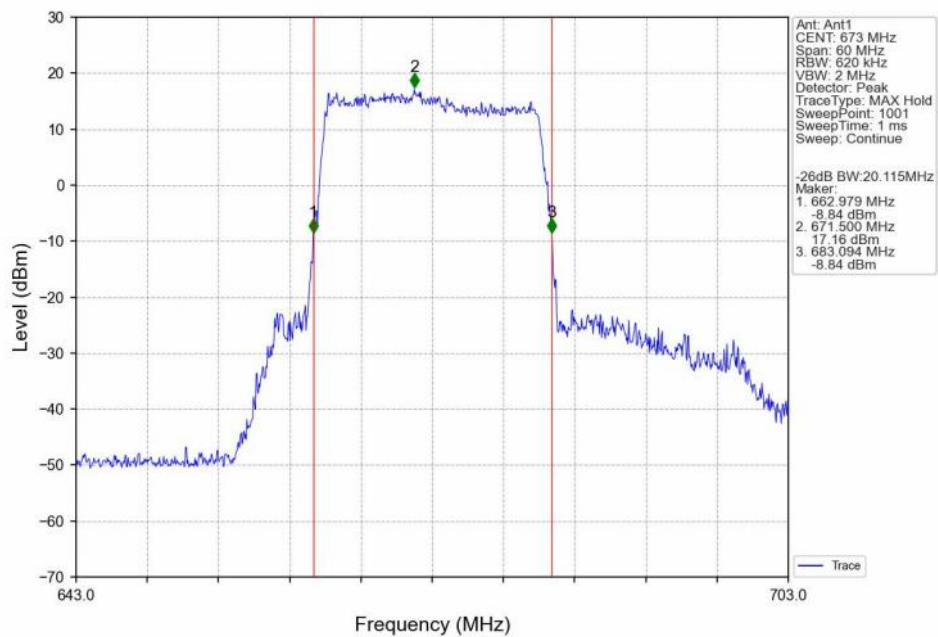
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



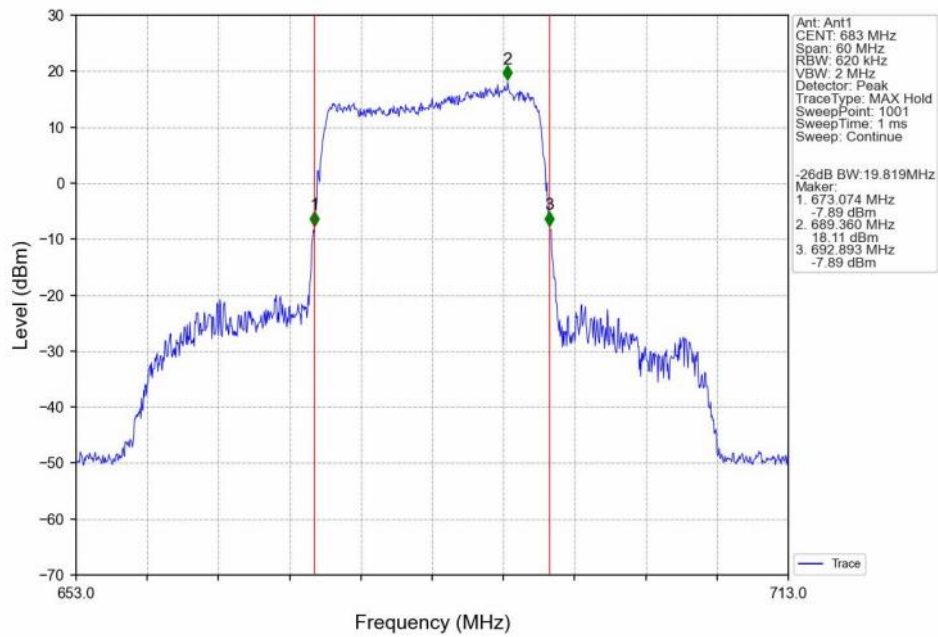
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



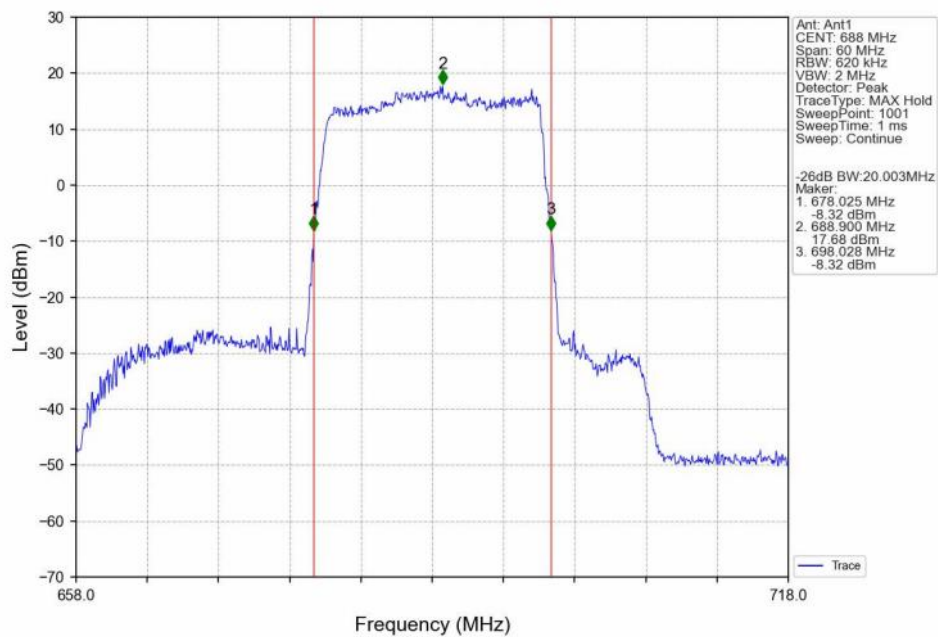
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.78	≤ 13	Pass
	680.5	25	0	5.81	≤ 13	Pass
	695.5	25	0	5.75	≤ 13	Pass
16QAM	665.5	25	0	6.42	≤ 13	Pass
	680.5	25	0	6.46	≤ 13	Pass
	695.5	25	0	6.53	≤ 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	5.72	≤ 13	Pass
	680.5	50	0	5.93	≤ 13	Pass
	693	50	0	5.96	≤ 13	Pass
16QAM	668	50	0	6.43	≤ 13	Pass
	680.5	50	0	6.63	≤ 13	Pass
	693	50	0	6.59	≤ 13	Pass

5.1.3 B71_15MHz

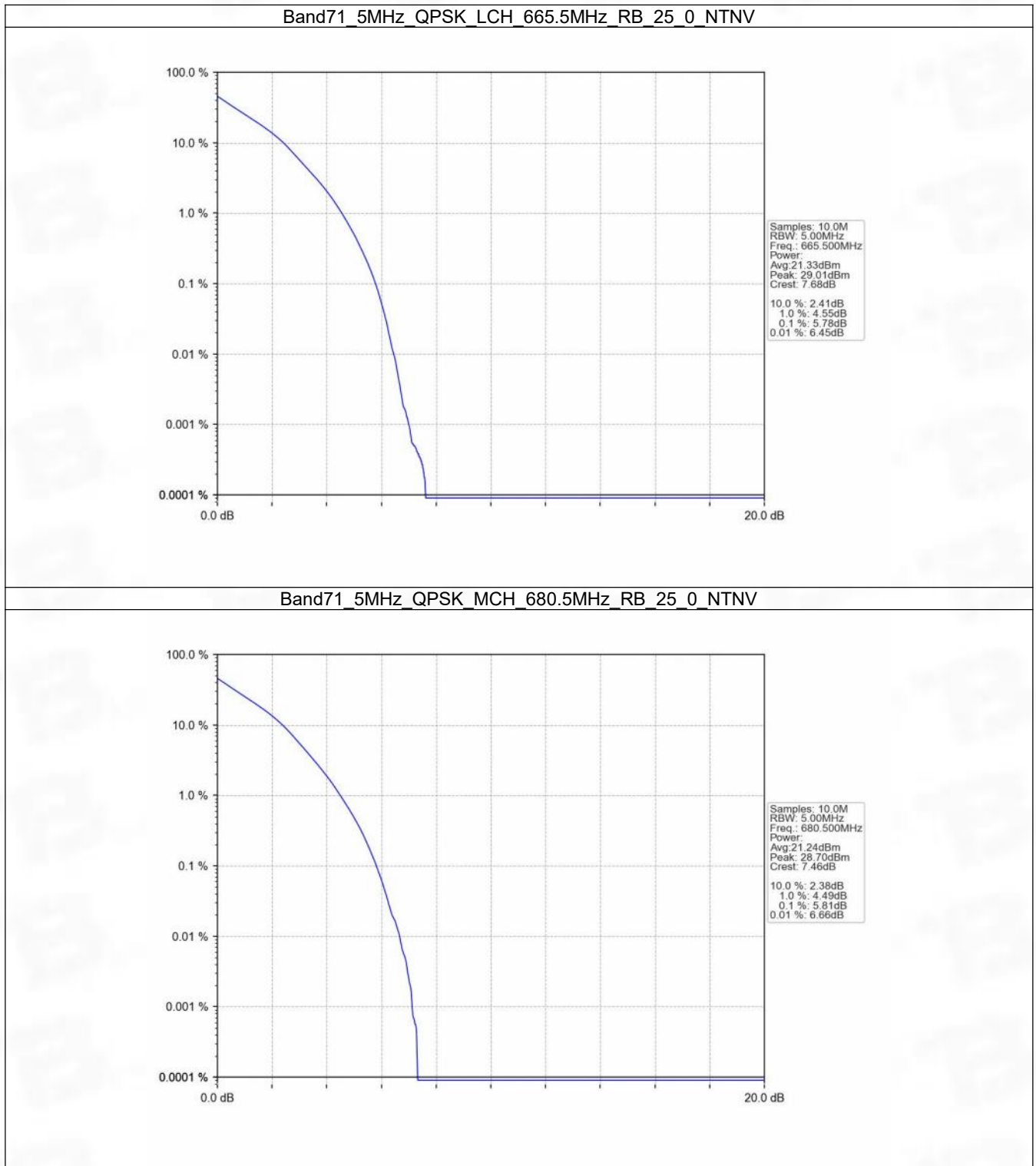
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.61	≤ 13	Pass
	680.5	75	0	6.29	≤ 13	Pass
	690.5	75	0	6.04	≤ 13	Pass
16QAM	670.5	75	0	6.32	≤ 13	Pass
	680.5	75	0	6.69	≤ 13	Pass
	690.5	75	0	6.55	≤ 13	Pass

5.1.4 B71_20MHz

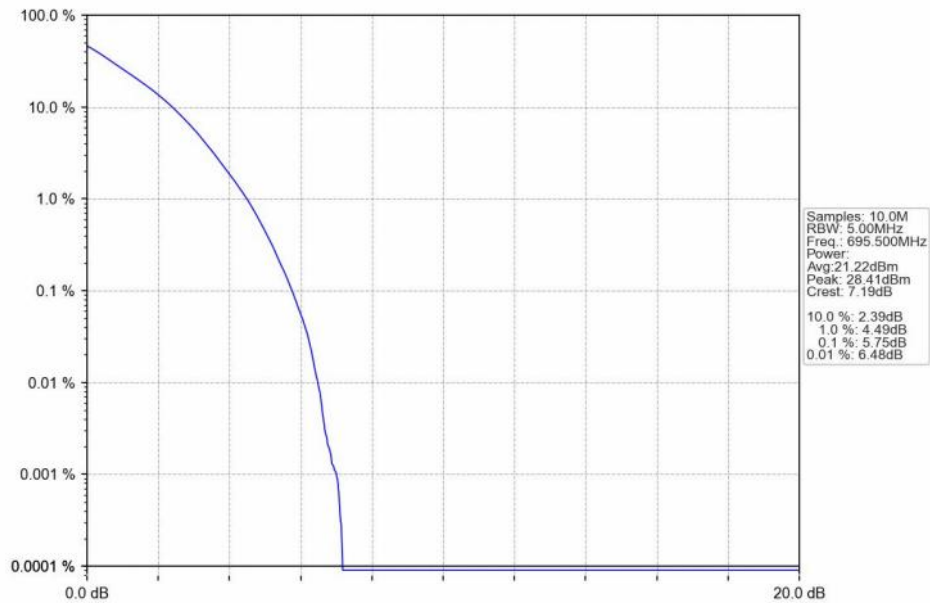
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.76	≤ 13	Pass
	683	100	0	5.82	≤ 13	Pass
	688	100	0	5.59	≤ 13	Pass
16QAM	673	100	0	6.51	≤ 13	Pass
	683	100	0	6.58	≤ 13	Pass
	688	100	0	6.39	≤ 13	Pass

5.2 Test Graph

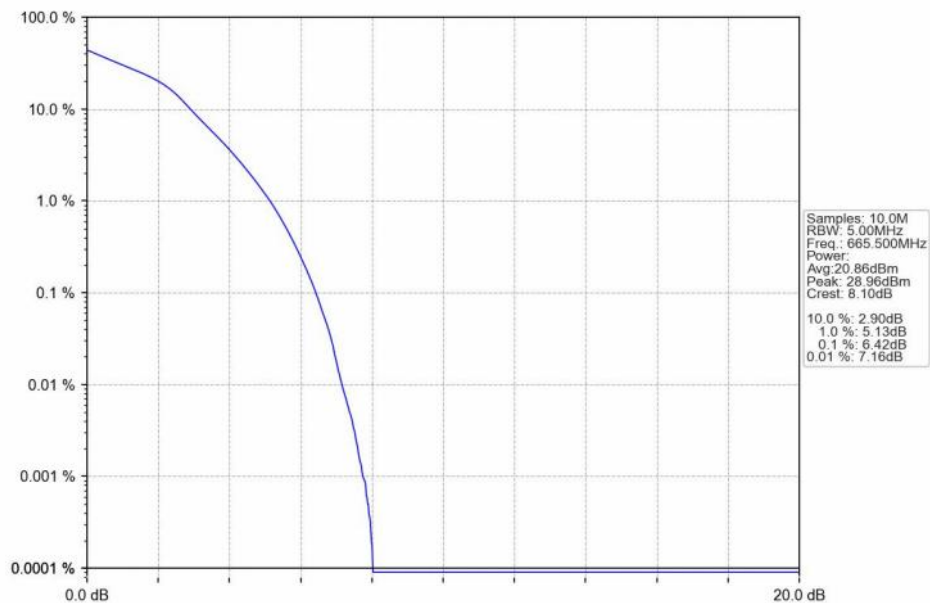
5.2.1 B71_5MHz



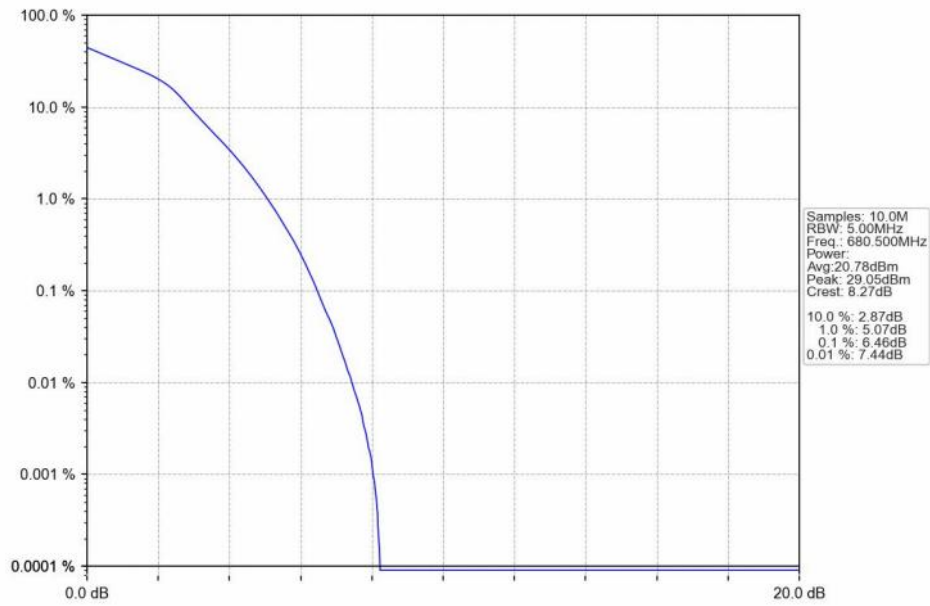
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



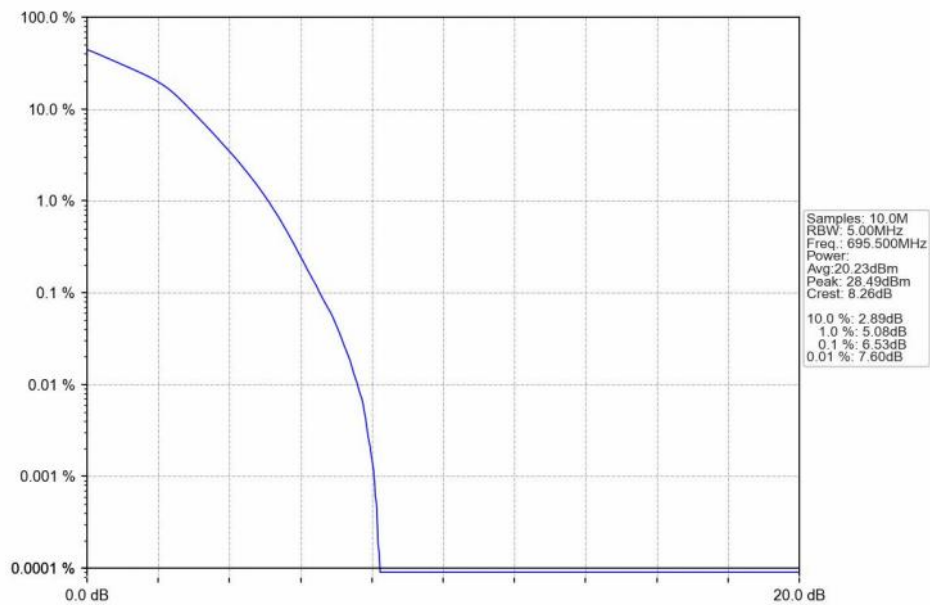
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



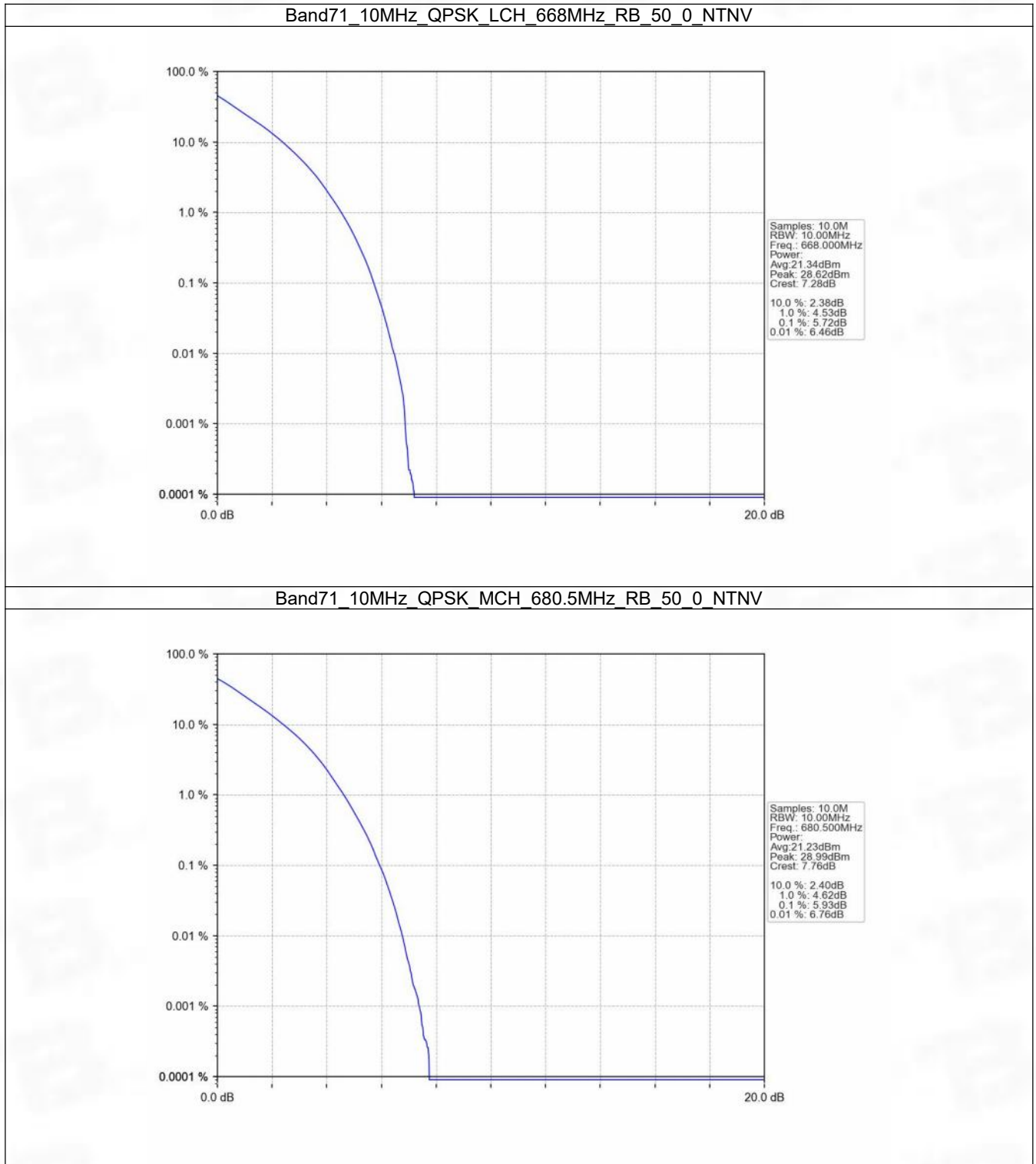
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



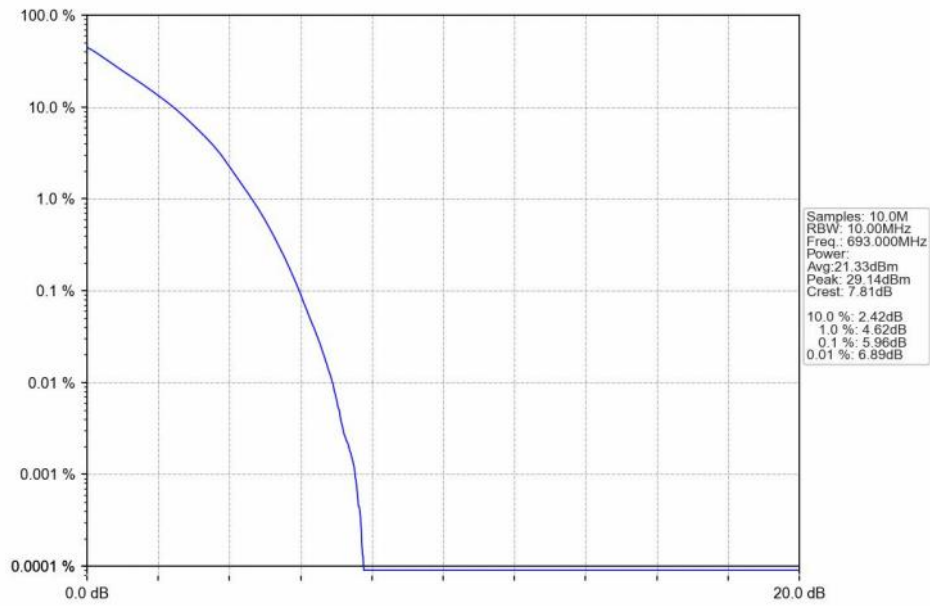
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



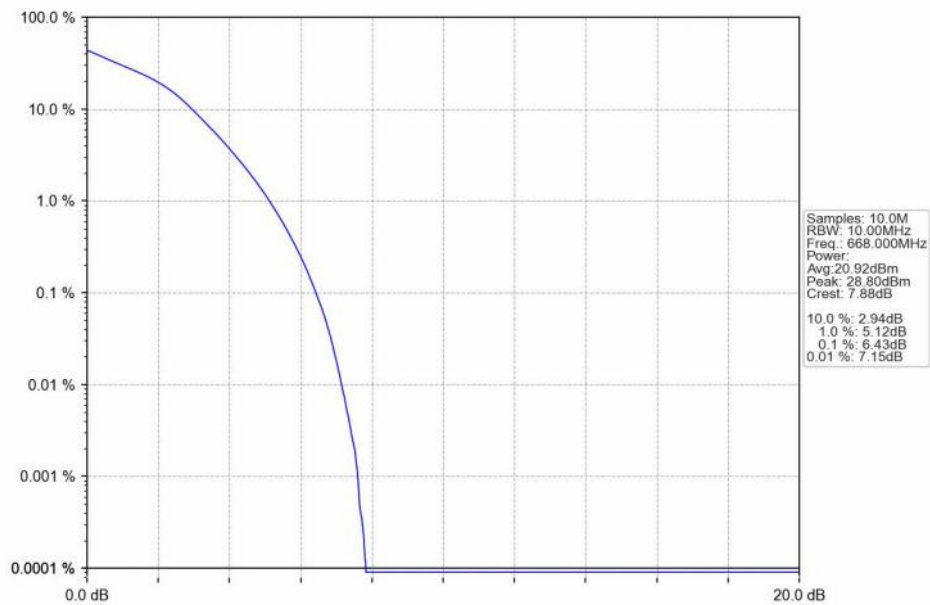
5.2.2 B71_10MHz



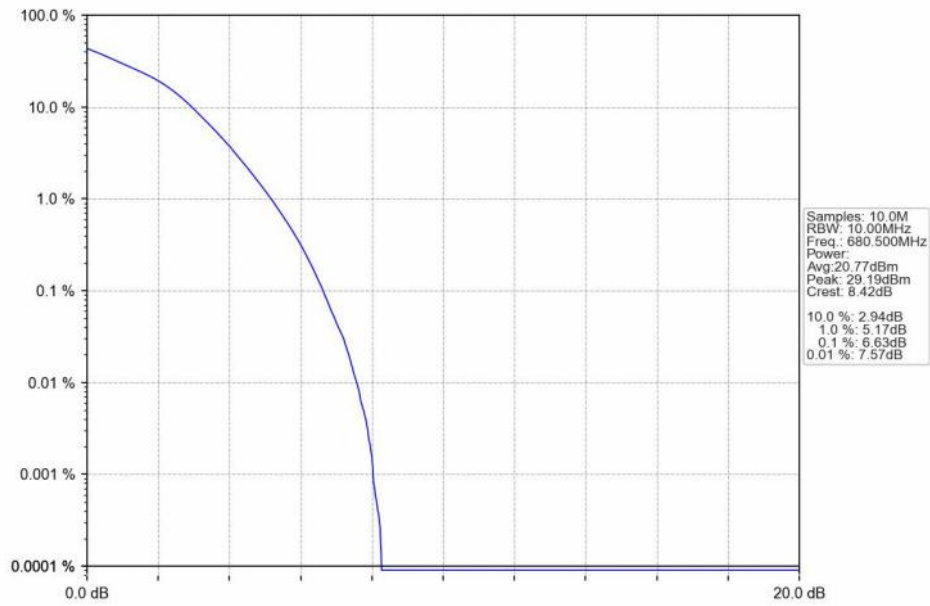
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



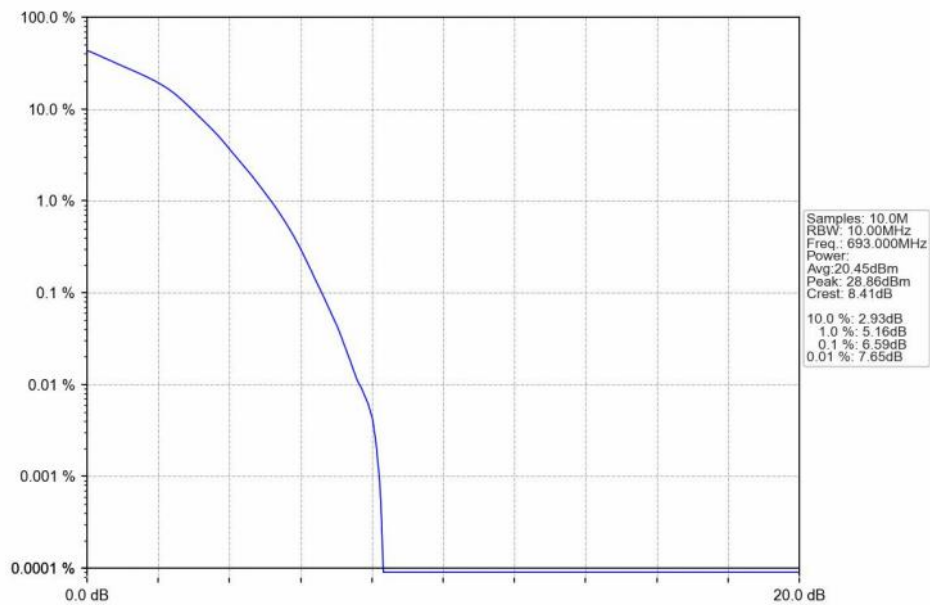
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



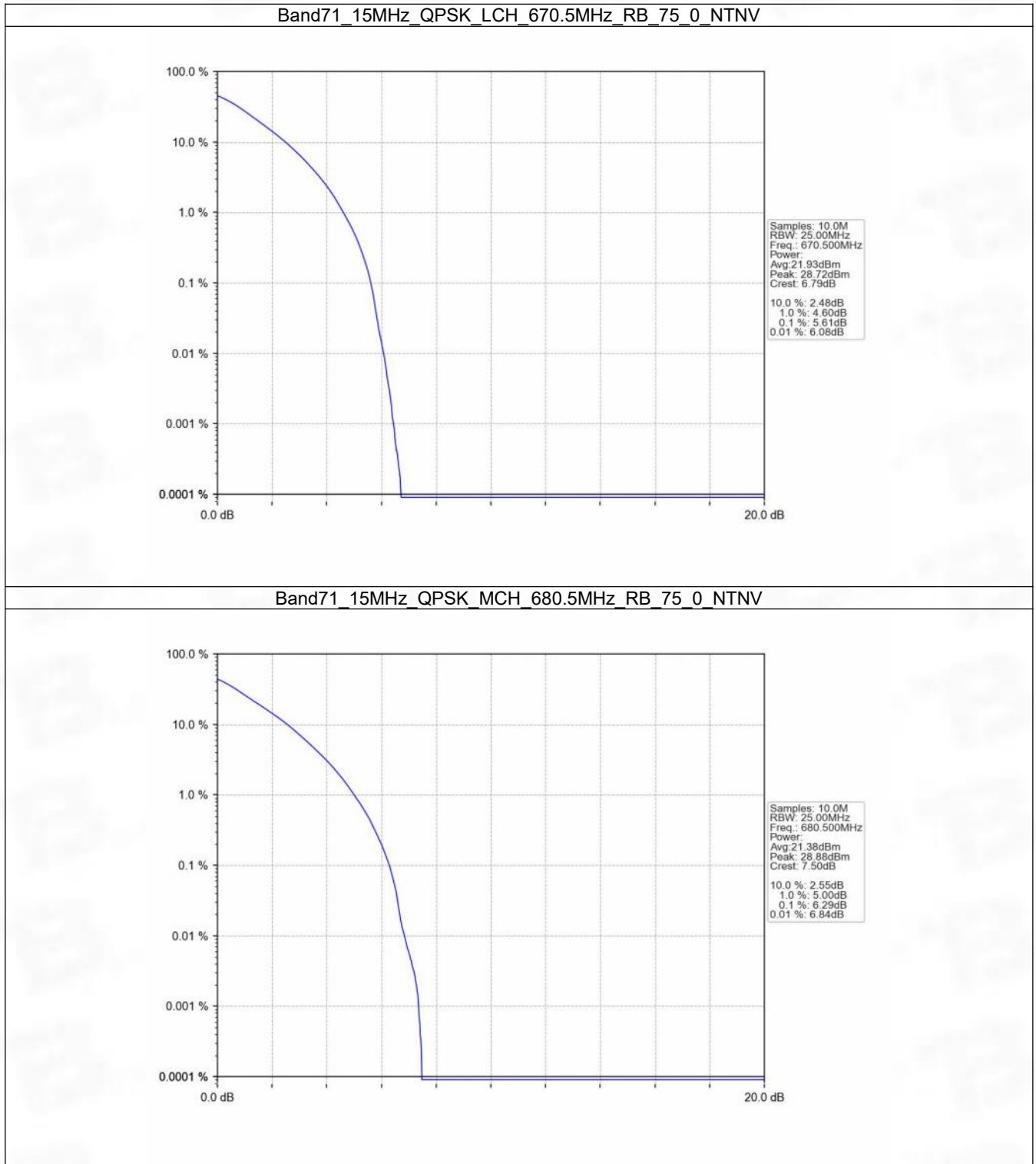
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



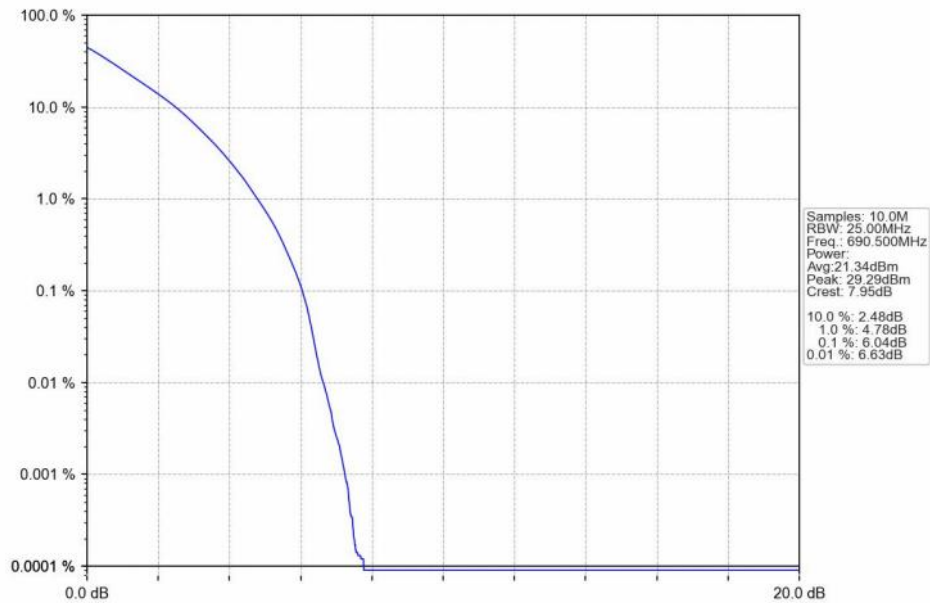
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



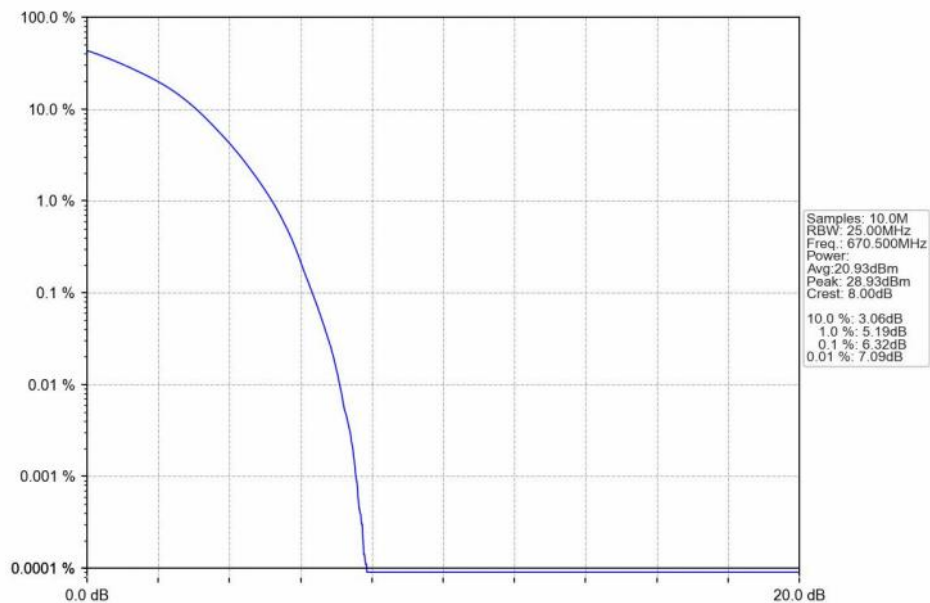
5.2.3 B71_15MHz



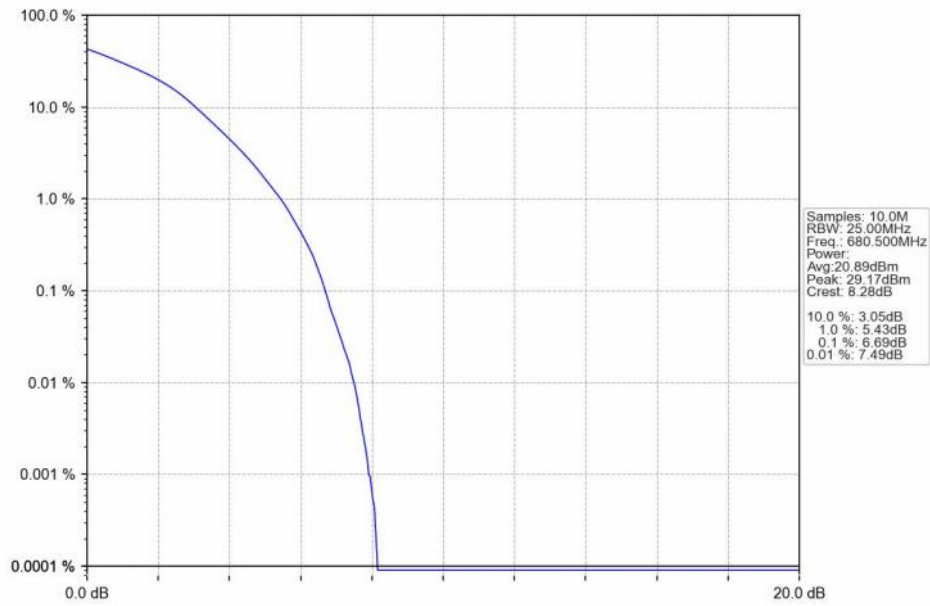
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



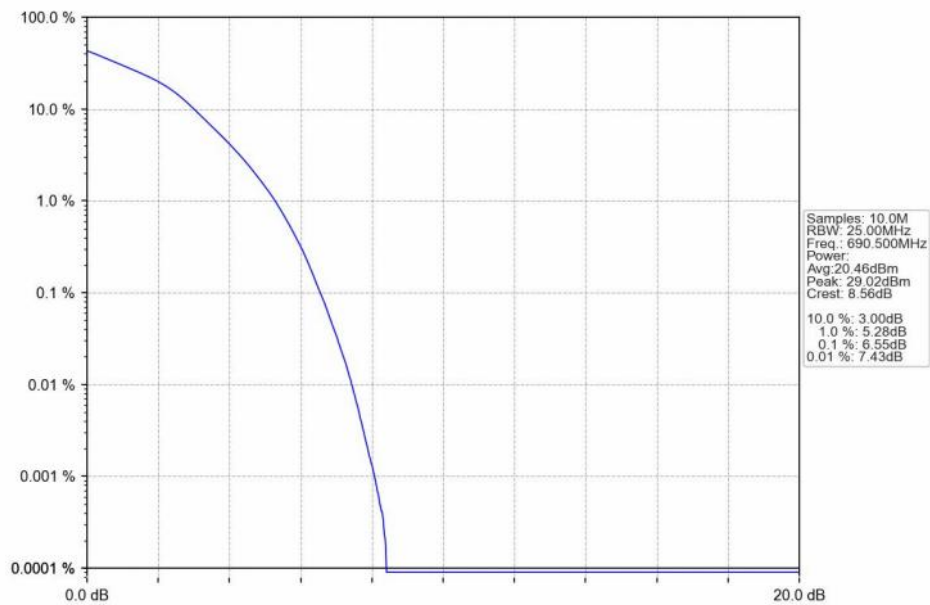
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



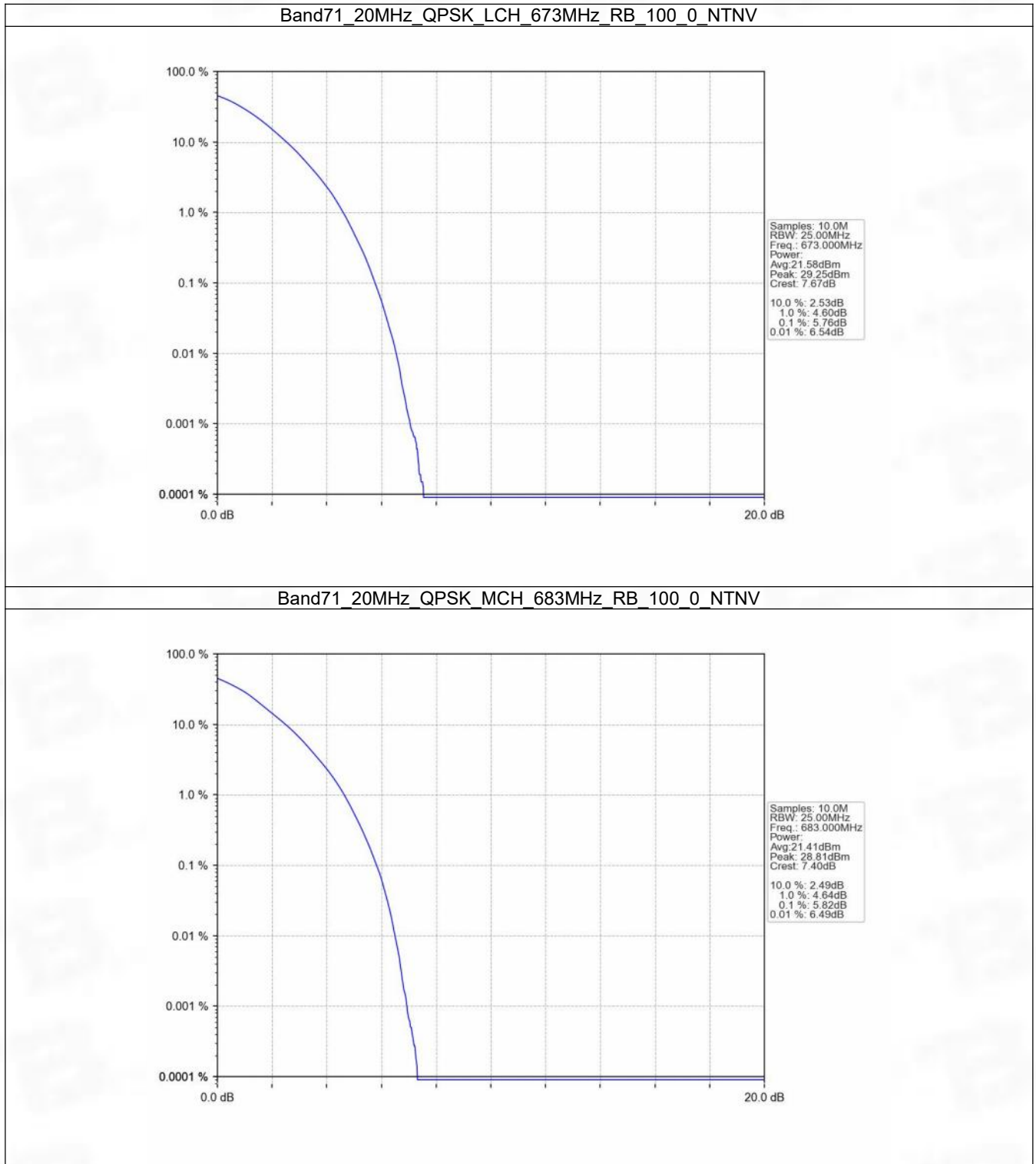
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



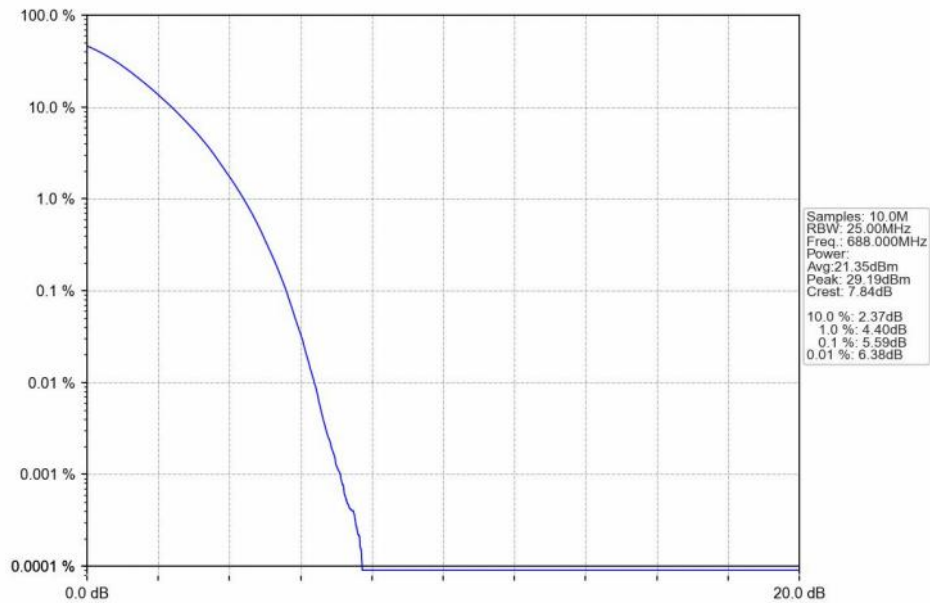
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



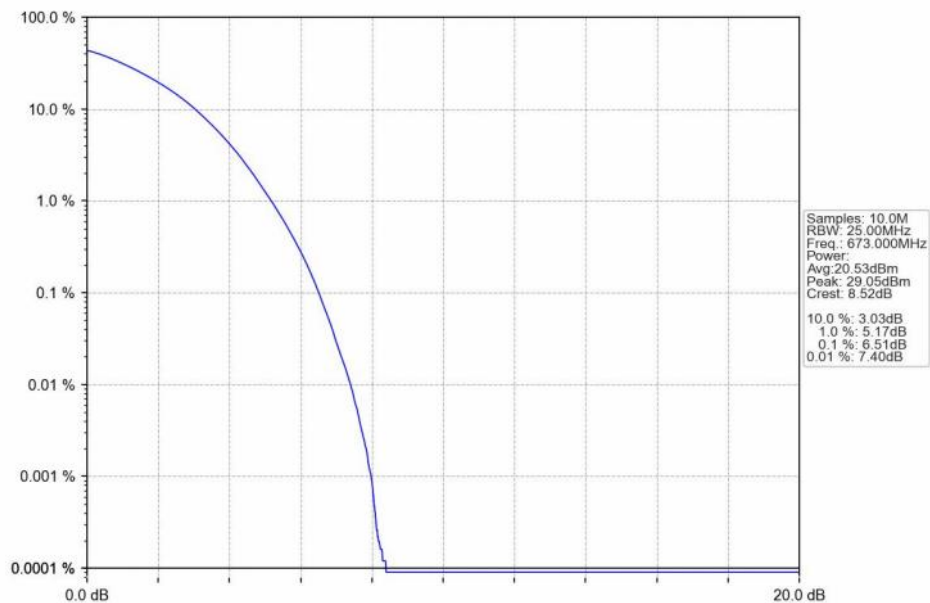
5.2.4 B71_20MHz



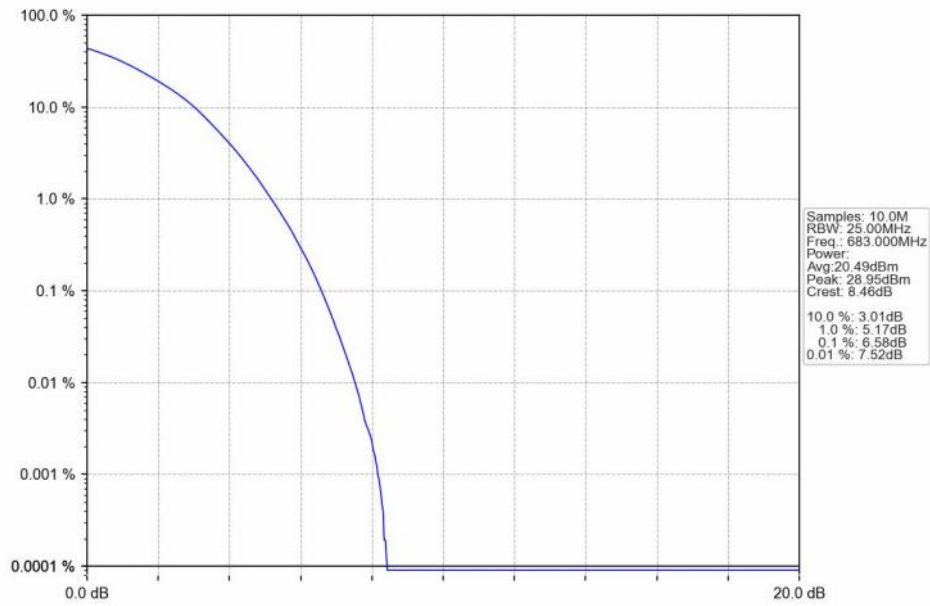
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



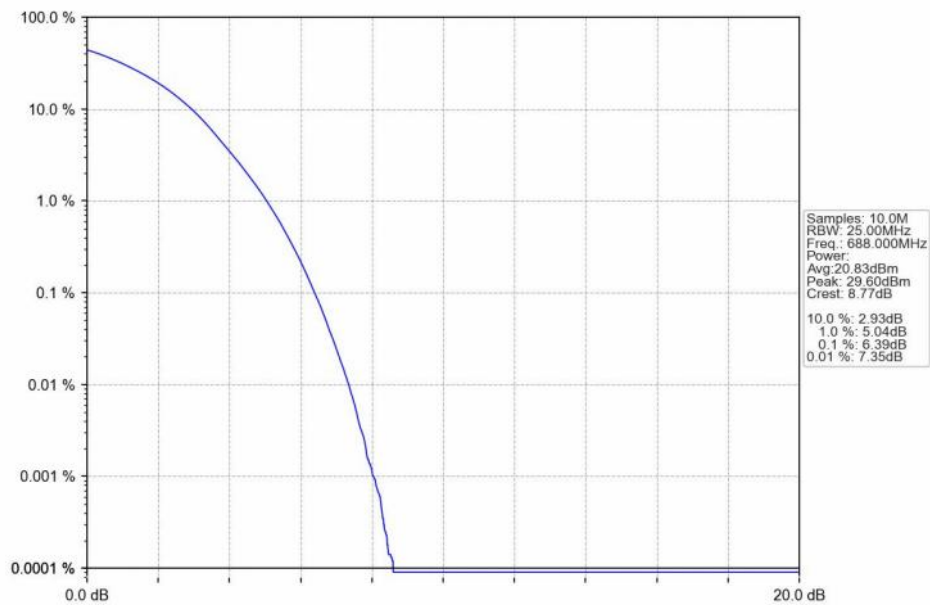
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B71_5MHz

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

6.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTN/V						
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

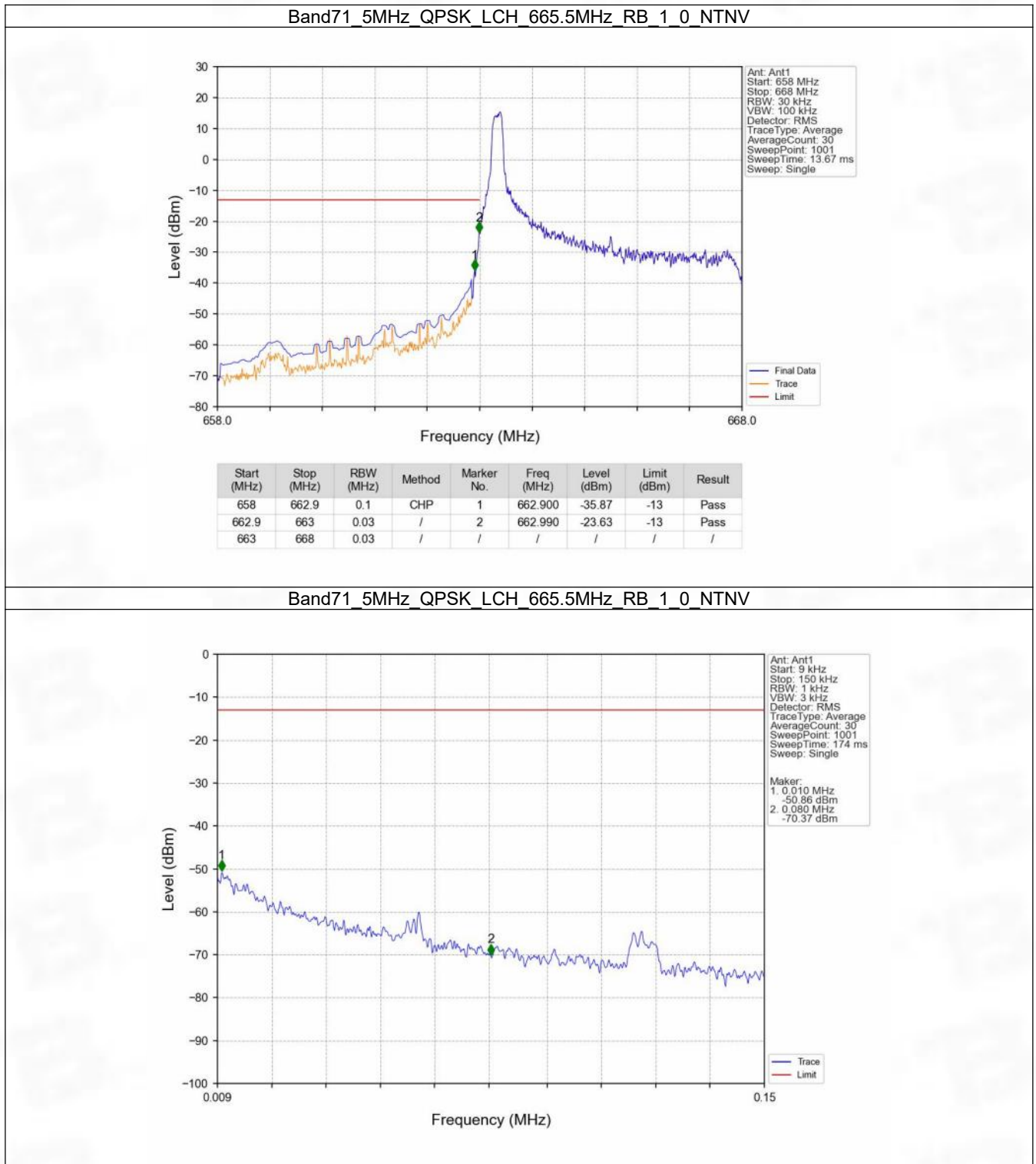
	680.5	1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B71_20MHz

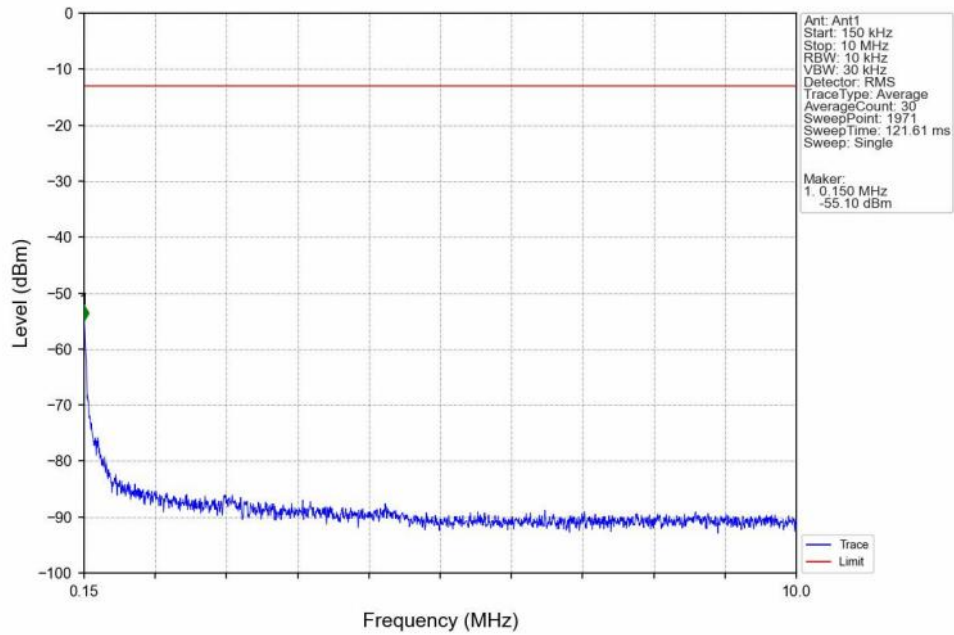
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	673	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	683	1	0	Refer To Test Graph	Pass
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100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

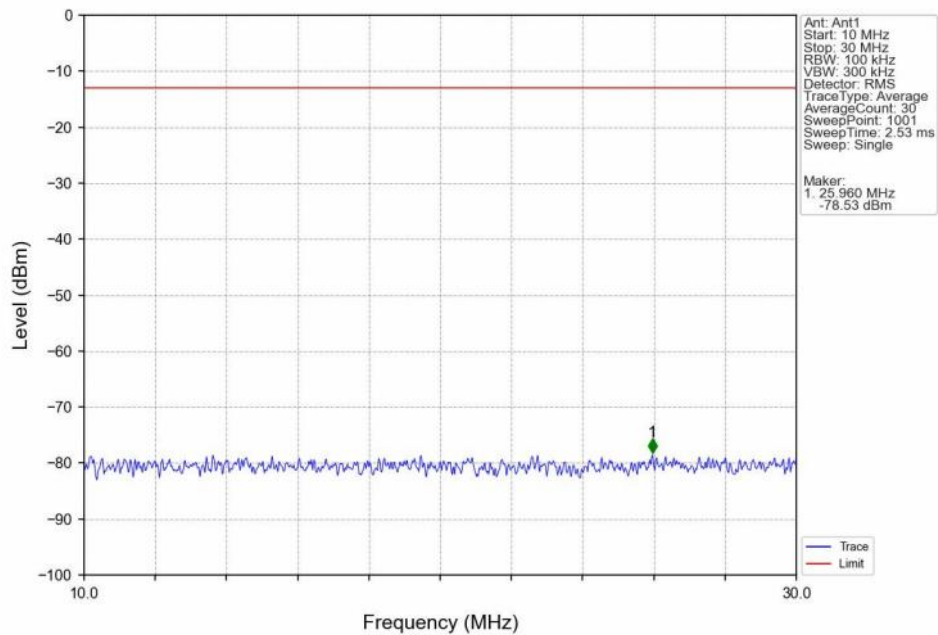
6.2.1 B71_5MHz



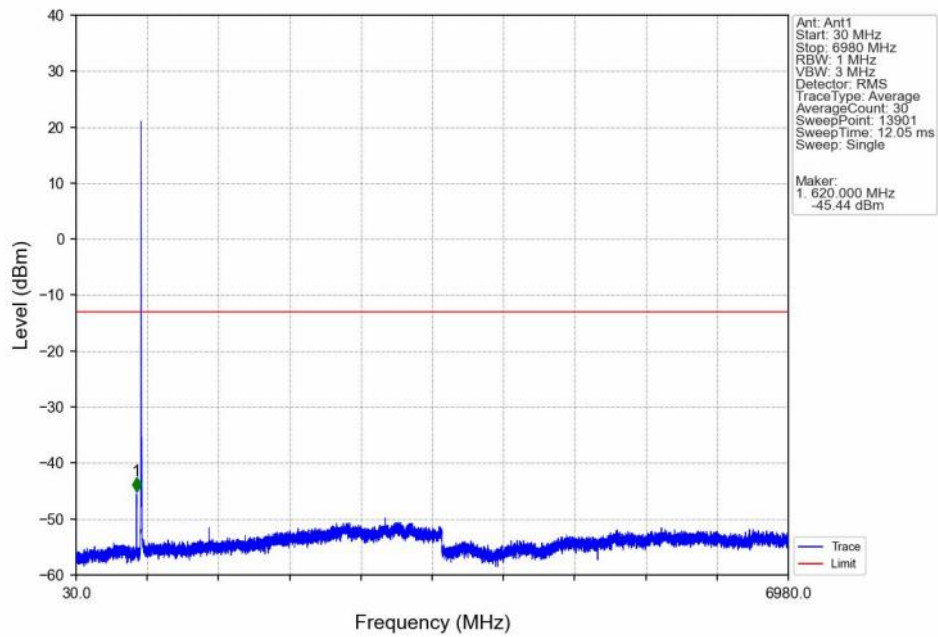
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



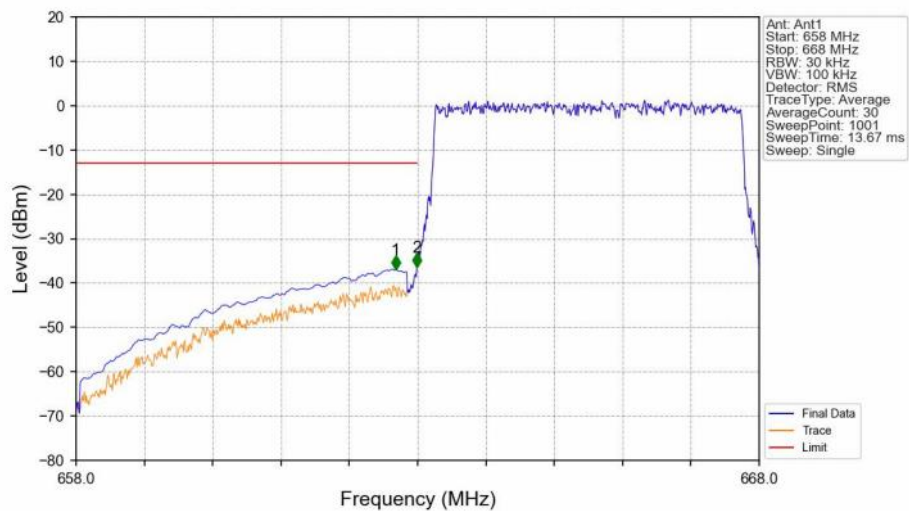
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

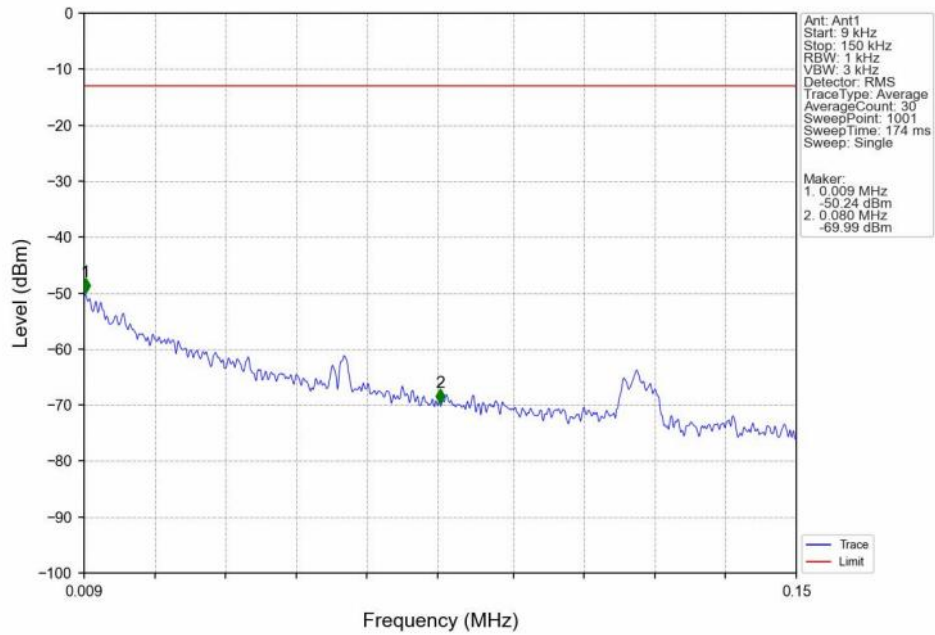


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.680	-36.89	-13	Pass
662.9	663	0.03	/	2	662.990	-36.35	-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

