

1. Effective (Isotropic) Radiated Power Output Data

1.1 B71_5MHz_ERP

1.1.1 Test Result

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	21.33	-1.37	17.81	<=34.77	Pass
			13	21.39	-1.37	17.87	<=34.77	Pass
			24	21.46	-1.37	17.94	<=34.77	Pass
		12	0	20.52	-1.37	17.00	<=34.77	Pass
			6	20.51	-1.37	16.99	<=34.77	Pass
			13	20.46	-1.37	16.94	<=34.77	Pass
		25	0	20.49	-1.37	16.97	<=34.77	Pass
	680.5	1	0	21.34	-1.37	17.82	<=34.77	Pass
			13	21.48	-1.37	17.96	<=34.77	Pass
			24	21.47	-1.37	17.95	<=34.77	Pass
		12	0	20.74	-1.37	17.22	<=34.77	Pass
			6	20.69	-1.37	17.17	<=34.77	Pass
			13	20.71	-1.37	17.19	<=34.77	Pass
		25	0	20.62	-1.37	17.10	<=34.77	Pass
	695.5	1	0	21.56	-1.37	18.04	<=34.77	Pass
			13	21.44	-1.37	17.92	<=34.77	Pass
			24	21.57	-1.37	18.05	<=34.77	Pass
		12	0	20.76	-1.37	17.24	<=34.77	Pass
			6	20.72	-1.37	17.20	<=34.77	Pass
			13	20.80	-1.37	17.28	<=34.77	Pass
		25	0	20.67	-1.37	17.15	<=34.77	Pass
16QAM	665.5	1	0	21.02	-1.37	17.50	<=34.77	Pass
			13	20.92	-1.37	17.40	<=34.77	Pass
			24	21.00	-1.37	17.48	<=34.77	Pass
		12	0	19.35	-1.37	15.83	<=34.77	Pass
			6	19.47	-1.37	15.95	<=34.77	Pass
			13	19.49	-1.37	15.97	<=34.77	Pass
		25	0	19.47	-1.37	15.95	<=34.77	Pass
	680.5	1	0	20.38	-1.37	16.86	<=34.77	Pass
			13	20.57	-1.37	17.05	<=34.77	Pass
			24	20.47	-1.37	16.95	<=34.77	Pass
		12	0	19.44	-1.37	15.92	<=34.77	Pass
			6	19.40	-1.37	15.88	<=34.77	Pass
			13	19.60	-1.37	16.08	<=34.77	Pass
		25	0	19.61	-1.37	16.09	<=34.77	Pass
	695.5	1	0	21.24	-1.37	17.72	<=34.77	Pass
			13	21.28	-1.37	17.76	<=34.77	Pass
			24	21.38	-1.37	17.86	<=34.77	Pass
		12	0	19.95	-1.37	16.43	<=34.77	Pass
			6	19.69	-1.37	16.17	<=34.77	Pass
			13	19.70	-1.37	16.18	<=34.77	Pass
		25	0	19.77	-1.37	16.25	<=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	21.53	-1.37	18.01	<=34.77	Pass
			25	21.74	-1.37	18.22	<=34.77	Pass
			49	21.76	-1.37	18.24	<=34.77	Pass
		25	0	20.37	-1.37	16.85	<=34.77	Pass
			13	20.66	-1.37	17.14	<=34.77	Pass
			25	20.64	-1.37	17.12	<=34.77	Pass
		50	0	20.65	-1.37	17.13	<=34.77	Pass
	680.5	1	0	21.62	-1.37	18.10	<=34.77	Pass
			25	21.55	-1.37	18.03	<=34.77	Pass
			49	21.50	-1.37	17.98	<=34.77	Pass
		25	0	20.55	-1.37	17.03	<=34.77	Pass
			13	20.74	-1.37	17.22	<=34.77	Pass
			25	20.79	-1.37	17.27	<=34.77	Pass
		50	0	20.79	-1.37	17.27	<=34.77	Pass
	693	1	0	21.31	-1.37	17.79	<=34.77	Pass
			25	21.60	-1.37	18.08	<=34.77	Pass
			49	21.68	-1.37	18.16	<=34.77	Pass
		25	0	20.61	-1.37	17.09	<=34.77	Pass
			13	20.77	-1.37	17.25	<=34.77	Pass
			25	20.77	-1.37	17.25	<=34.77	Pass
		50	0	20.81	-1.37	17.29	<=34.77	Pass
16QAM	668	1	0	20.99	-1.37	17.47	<=34.77	Pass
			25	21.02	-1.37	17.50	<=34.77	Pass
			49	21.14	-1.37	17.62	<=34.77	Pass
		25	0	19.59	-1.37	16.07	<=34.77	Pass
			13	19.70	-1.37	16.18	<=34.77	Pass
			25	19.84	-1.37	16.32	<=34.77	Pass
		50	0	19.58	-1.37	16.06	<=34.77	Pass
	680.5	1	0	20.99	-1.37	17.47	<=34.77	Pass
			25	21.09	-1.37	17.57	<=34.77	Pass
			49	21.07	-1.37	17.55	<=34.77	Pass
		25	0	19.62	-1.37	16.10	<=34.77	Pass
			13	19.66	-1.37	16.14	<=34.77	Pass
			25	19.65	-1.37	16.13	<=34.77	Pass
		50	0	19.53	-1.37	16.01	<=34.77	Pass
	693	1	0	20.67	-1.37	17.15	<=34.77	Pass
			25	20.73	-1.37	17.21	<=34.77	Pass
			49	20.82	-1.37	17.30	<=34.77	Pass
		25	0	19.70	-1.37	16.18	<=34.77	Pass
			13	19.89	-1.37	16.37	<=34.77	Pass
			25	19.89	-1.37	16.37	<=34.77	Pass
		50	0	19.64	-1.37	16.12	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	21.59	-1.37	18.07	<=34.77	Pass
			38	21.68	-1.37	18.16	<=34.77	Pass
			74	21.64	-1.37	18.12	<=34.77	Pass
		36	0	20.70	-1.37	17.18	<=34.77	Pass
			18	20.63	-1.37	17.11	<=34.77	Pass
			39	20.58	-1.37	17.06	<=34.77	Pass
		75	0	20.61	-1.37	17.09	<=34.77	Pass
	680.5	1	0	21.57	-1.37	18.05	<=34.77	Pass
			38	21.47	-1.37	17.95	<=34.77	Pass
			74	21.61	-1.37	18.09	<=34.77	Pass
		36	0	20.48	-1.37	16.96	<=34.77	Pass
			18	20.67	-1.37	17.15	<=34.77	Pass
			39	20.66	-1.37	17.14	<=34.77	Pass
		75	0	20.67	-1.37	17.15	<=34.77	Pass
	690.5	1	0	21.54	-1.37	18.02	<=34.77	Pass
			38	21.74	-1.37	18.22	<=34.77	Pass
			74	21.82	-1.37	18.30	<=34.77	Pass
		36	0	20.67	-1.37	17.15	<=34.77	Pass
			18	20.61	-1.37	17.09	<=34.77	Pass
			39	20.76	-1.37	17.24	<=34.77	Pass
		75	0	20.63	-1.37	17.11	<=34.77	Pass
16QAM	670.5	1	0	21.07	-1.37	17.55	<=34.77	Pass
			38	21.06	-1.37	17.54	<=34.77	Pass
			74	21.25	-1.37	17.73	<=34.77	Pass
		36	0	19.57	-1.37	16.05	<=34.77	Pass
			18	19.62	-1.37	16.10	<=34.77	Pass
			39	19.66	-1.37	16.14	<=34.77	Pass
		75	0	19.76	-1.37	16.24	<=34.77	Pass
	680.5	1	0	21.65	-1.37	18.13	<=34.77	Pass
			38	21.75	-1.37	18.23	<=34.77	Pass
			74	21.85	-1.37	18.33	<=34.77	Pass
		36	0	19.54	-1.37	16.02	<=34.77	Pass
			18	19.55	-1.37	16.03	<=34.77	Pass
			39	19.48	-1.37	15.96	<=34.77	Pass
		75	0	19.61	-1.37	16.09	<=34.77	Pass
	690.5	1	0	21.02	-1.37	17.50	<=34.77	Pass
			38	21.16	-1.37	17.64	<=34.77	Pass
			74	21.32	-1.37	17.80	<=34.77	Pass
		36	0	20.26	-1.37	16.74	<=34.77	Pass
			18	19.81	-1.37	16.29	<=34.77	Pass
			39	20.03	-1.37	16.51	<=34.77	Pass
		75	0	19.67	-1.37	16.15	<=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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	21.45	-1.37	17.93	<=34.77	Pass
			50	21.49	-1.37	17.97	<=34.77	Pass
			99	21.59	-1.37	18.07	<=34.77	Pass
		50	0	20.72	-1.37	17.20	<=34.77	Pass
			25	20.57	-1.37	17.05	<=34.77	Pass
			50	20.61	-1.37	17.09	<=34.77	Pass
		100	0	20.75	-1.37	17.23	<=34.77	Pass
			0	21.59	-1.37	18.07	<=34.77	Pass
			50	21.65	-1.37	18.13	<=34.77	Pass
	683	1	99	21.77	-1.37	18.25	<=34.77	Pass
			0	20.50	-1.37	16.98	<=34.77	Pass
			25	20.67	-1.37	17.15	<=34.77	Pass
		50	50	20.68	-1.37	17.16	<=34.77	Pass
			0	20.78	-1.37	17.26	<=34.77	Pass
			0	21.48	-1.37	17.96	<=34.77	Pass
		50	50	21.65	-1.37	18.13	<=34.77	Pass
			99	21.82	-1.37	18.30	<=34.77	Pass
			0	20.72	-1.37	17.20	<=34.77	Pass
16QAM	673	1	25	20.73	-1.37	17.21	<=34.77	Pass
			50	20.93	-1.37	17.41	<=34.77	Pass
			0	20.64	-1.37	17.12	<=34.77	Pass
		50	0	20.57	-1.37	17.05	<=34.77	Pass
			50	20.63	-1.37	17.11	<=34.77	Pass
			99	20.64	-1.37	17.12	<=34.77	Pass
		100	0	19.58	-1.37	16.06	<=34.77	Pass
			25	20.35	-1.37	16.83	<=34.77	Pass
			50	19.79	-1.37	16.27	<=34.77	Pass
	683	1	0	20.24	-1.37	16.72	<=34.77	Pass
			0	20.96	-1.37	17.44	<=34.77	Pass
			50	21.02	-1.37	17.50	<=34.77	Pass
		50	99	21.31	-1.37	17.79	<=34.77	Pass
			0	19.60	-1.37	16.08	<=34.77	Pass
			25	19.75	-1.37	16.23	<=34.77	Pass
		100	50	20.39	-1.37	16.87	<=34.77	Pass
			0	19.76	-1.37	16.24	<=34.77	Pass
			0	21.01	-1.37	17.49	<=34.77	Pass
	688	1	50	21.30	-1.37	17.78	<=34.77	Pass
			99	21.17	-1.37	17.65	<=34.77	Pass
			0	19.48	-1.37	15.96	<=34.77	Pass
		50	25	20.24	-1.37	16.72	<=34.77	Pass
			50	19.85	-1.37	16.33	<=34.77	Pass
			0	20.24	-1.37	16.72	<=34.77	Pass
		100	0	20.24	-1.37	16.72	<=34.77	Pass
			0	20.24	-1.37	16.72	<=34.77	Pass
			0	20.24	-1.37	16.72	<=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	-28.596	-0.0430	-2.5 to 2.5	Pass
					3.85	-21.586	-0.0324	-2.5 to 2.5	Pass
					4.43	-36.693	-0.0551	-2.5 to 2.5	Pass
				-30	3.85	-47.178	-0.0709	-2.5 to 2.5	Pass
				-20	3.85	-52.457	-0.0788	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				0	3.85	-7.753	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-15.464	-0.0232	-2.5 to 2.5	Pass
				30	3.85	-23.203	-0.0349	-2.5 to 2.5	Pass
				40	3.85	-30.298	-0.0455	-2.5 to 2.5	Pass
				50	3.85	-37.766	-0.0567	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-23.060	-0.0339	-2.5 to 2.5	Pass
					3.85	-44.131	-0.0649	-2.5 to 2.5	Pass
					4.43	-46.306	-0.0680	-2.5 to 2.5	Pass
				-30	3.85	-39.725	-0.0584	-2.5 to 2.5	Pass
				-20	3.85	-37.751	-0.0555	-2.5 to 2.5	Pass
				-10	3.85	-39.182	-0.0576	-2.5 to 2.5	Pass
				0	3.85	-40.641	-0.0597	-2.5 to 2.5	Pass
				10	3.85	-42.014	-0.0617	-2.5 to 2.5	Pass
				30	3.85	-42.515	-0.0625	-2.5 to 2.5	Pass
				40	3.85	-44.689	-0.0657	-2.5 to 2.5	Pass
				50	3.85	-47.507	-0.0698	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-19.541	-0.0281	-2.5 to 2.5	Pass
					3.85	-35.448	-0.0510	-2.5 to 2.5	Pass
					4.43	-36.564	-0.0526	-2.5 to 2.5	Pass
				-30	3.85	-38.667	-0.0556	-2.5 to 2.5	Pass
				-20	3.85	-39.182	-0.0563	-2.5 to 2.5	Pass
				-10	3.85	-40.269	-0.0579	-2.5 to 2.5	Pass
				0	3.85	-41.342	-0.0594	-2.5 to 2.5	Pass
				10	3.85	-44.889	-0.0645	-2.5 to 2.5	Pass
				30	3.85	-49.996	-0.0719	-2.5 to 2.5	Pass
				40	3.85	-53.644	-0.0771	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-46.449	-0.0698	-2.5 to 2.5	Pass
					3.85	-4.034	-0.0061	-2.5 to 2.5	Pass
					4.43	-21.701	-0.0326	-2.5 to 2.5	Pass
				-30	3.85	-38.438	-0.0578	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-14.205	-0.0213	-2.5 to 2.5	Pass
				0	3.85	-28.682	-0.0431	-2.5 to 2.5	Pass
				10	3.85	-42.486	-0.0638	-2.5 to 2.5	Pass
				30	3.85	-54.288	-0.0816	-2.5 to 2.5	Pass
				40	3.85	-12.088	-0.0182	-2.5 to 2.5	Pass
				50	3.85	-24.848	-0.0373	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-51.098	-0.0751	-2.5 to 2.5	Pass
					3.85	-9.828	-0.0144	-2.5 to 2.5	Pass
					4.43	-23.131	-0.0340	-2.5 to 2.5	Pass
				-30	3.85	-35.548	-0.0522	-2.5 to 2.5	Pass
				-20	3.85	-47.221	-0.0694	-2.5 to 2.5	Pass
				-10	3.85	-35.276	-0.0518	-2.5 to 2.5	Pass
				0	3.85	-11.458	-0.0168	-2.5 to 2.5	Pass
				10	3.85	-20.971	-0.0308	-2.5 to 2.5	Pass

	695.5	25	0	30	3.85	-27.952	-0.0411	-2.5 to 2.5	Pass
				40	3.85	-37.365	-0.0549	-2.5 to 2.5	Pass
				50	3.85	-44.532	-0.0654	-2.5 to 2.5	Pass
				20	3.27	-7.882	-0.0113	-2.5 to 2.5	Pass
					3.85	-18.883	-0.0272	-2.5 to 2.5	Pass
					4.43	-30.856	-0.0444	-2.5 to 2.5	Pass
				-30	3.85	-41.971	-0.0603	-2.5 to 2.5	Pass
				-20	3.85	2.432	0.0035	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0102	-2.5 to 2.5	Pass
				0	3.85	-20.871	-0.0300	-2.5 to 2.5	Pass
				10	3.85	-33.317	-0.0479	-2.5 to 2.5	Pass
				30	3.85	-44.432	-0.0639	-2.5 to 2.5	Pass
				40	3.85	3.061	0.0044	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0093	-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	33.960	0.0508	-2.5 to 2.5	Pass
					3.85	36.836	0.0551	-2.5 to 2.5	Pass
					4.43	22.345	0.0335	-2.5 to 2.5	Pass
				-30	3.85	19.054	0.0285	-2.5 to 2.5	Pass
				-20	3.85	29.540	0.0442	-2.5 to 2.5	Pass
				-10	3.85	38.009	0.0569	-2.5 to 2.5	Pass
				0	3.85	29.111	0.0436	-2.5 to 2.5	Pass
				10	3.85	18.368	0.0275	-2.5 to 2.5	Pass
				30	3.85	23.646	0.0354	-2.5 to 2.5	Pass
				40	3.85	28.038	0.0420	-2.5 to 2.5	Pass
				50	3.85	9.956	0.0149	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-7.238	-0.0106	-2.5 to 2.5	Pass
					3.85	-5.922	-0.0087	-2.5 to 2.5	Pass
					4.43	24.462	0.0359	-2.5 to 2.5	Pass
				-30	3.85	20.642	0.0303	-2.5 to 2.5	Pass
				-20	3.85	30.584	0.0449	-2.5 to 2.5	Pass
				-10	3.85	8.783	0.0129	-2.5 to 2.5	Pass
				0	3.85	39.382	0.0579	-2.5 to 2.5	Pass
				10	3.85	14.706	0.0216	-2.5 to 2.5	Pass
				30	3.85	45.018	0.0662	-2.5 to 2.5	Pass
				40	3.85	21.100	0.0310	-2.5 to 2.5	Pass
				50	3.85	34.304	0.0504	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-23.475	-0.0339	-2.5 to 2.5	Pass
					3.85	-21.443	-0.0309	-2.5 to 2.5	Pass
					4.43	4.549	0.0066	-2.5 to 2.5	Pass
				-30	3.85	41.614	0.0600	-2.5 to 2.5	Pass
				-20	3.85	12.360	0.0178	-2.5 to 2.5	Pass
				-10	3.85	37.808	0.0546	-2.5 to 2.5	Pass
				0	3.85	6.266	0.0090	-2.5 to 2.5	Pass
				10	3.85	30.885	0.0446	-2.5 to 2.5	Pass
				30	3.85	4.792	0.0069	-2.5 to 2.5	Pass

16QAM	668	50	0	40	3.85	25.506	0.0368	-2.5 to 2.5	Pass
				50	3.85	45.490	0.0656	-2.5 to 2.5	Pass
				20	3.27	28.009	0.0419	-2.5 to 2.5	Pass
					3.85	42.229	0.0632	-2.5 to 2.5	Pass
					4.43	37.408	0.0560	-2.5 to 2.5	Pass
				-30	3.85	5.922	0.0089	-2.5 to 2.5	Pass
				-20	3.85	14.362	0.0215	-2.5 to 2.5	Pass
				-10	3.85	17.724	0.0265	-2.5 to 2.5	Pass
				0	3.85	17.323	0.0259	-2.5 to 2.5	Pass
				10	3.85	20.056	0.0300	-2.5 to 2.5	Pass
				30	3.85	24.519	0.0367	-2.5 to 2.5	Pass
				40	3.85	24.290	0.0364	-2.5 to 2.5	Pass
				50	3.85	20.742	0.0311	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	27.123	0.0399	-2.5 to 2.5	Pass
					3.85	1.717	0.0025	-2.5 to 2.5	Pass
					4.43	29.898	0.0439	-2.5 to 2.5	Pass
				-30	3.85	22.988	0.0338	-2.5 to 2.5	Pass
				-20	3.85	36.092	0.0530	-2.5 to 2.5	Pass
				-10	3.85	6.995	0.0103	-2.5 to 2.5	Pass
				0	3.85	31.757	0.0467	-2.5 to 2.5	Pass
				10	3.85	3.662	0.0054	-2.5 to 2.5	Pass
				30	3.85	28.939	0.0425	-2.5 to 2.5	Pass
				40	3.85	20.900	0.0307	-2.5 to 2.5	Pass
				50	3.85	22.302	0.0328	-2.5 to 2.5	Pass
	693	50	0	20	3.27	10.271	0.0148	-2.5 to 2.5	Pass
					3.85	36.650	0.0529	-2.5 to 2.5	Pass
					4.43	10.958	0.0158	-2.5 to 2.5	Pass
				-30	3.85	31.500	0.0455	-2.5 to 2.5	Pass
				-20	3.85	48.480	0.0700	-2.5 to 2.5	Pass
				-10	3.85	7.381	0.0107	-2.5 to 2.5	Pass
				0	3.85	25.134	0.0363	-2.5 to 2.5	Pass
				10	3.85	40.398	0.0583	-2.5 to 2.5	Pass
				30	3.85	-27.924	-0.0403	-2.5 to 2.5	Pass
				40	3.85	-32.430	-0.0468	-2.5 to 2.5	Pass
				50	3.85	-22.287	-0.0322	-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	-30.499	-0.0455	-2.5 to 2.5	Pass
					3.85	-34.089	-0.0508	-2.5 to 2.5	Pass
					4.43	-40.340	-0.0602	-2.5 to 2.5	Pass
				-30	3.85	-33.960	-0.0506	-2.5 to 2.5	Pass
				-20	3.85	-20.456	-0.0305	-2.5 to 2.5	Pass
				-10	3.85	-9.670	-0.0144	-2.5 to 2.5	Pass
				0	3.85	-45.147	-0.0673	-2.5 to 2.5	Pass
				10	3.85	-24.076	-0.0359	-2.5 to 2.5	Pass
				30	3.85	-42.815	-0.0639	-2.5 to 2.5	Pass
				40	3.85	-23.746	-0.0354	-2.5 to 2.5	Pass

	680.5	75	0	50	3.85	-39.067	-0.0583	-2.5 to 2.5	Pass
				20	3.27	-30.484	-0.0448	-2.5 to 2.5	Pass
					3.85	-28.939	-0.0425	-2.5 to 2.5	Pass
					4.43	-12.174	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-9.069	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-14.491	-0.0213	-2.5 to 2.5	Pass
				-10	3.85	-22.388	-0.0329	-2.5 to 2.5	Pass
				0	3.85	-30.513	-0.0448	-2.5 to 2.5	Pass
				10	3.85	-37.050	-0.0544	-2.5 to 2.5	Pass
				30	3.85	-44.317	-0.0651	-2.5 to 2.5	Pass
	690.5	75	0	40	3.85	-37.851	-0.0556	-2.5 to 2.5	Pass
				50	3.85	-46.034	-0.0676	-2.5 to 2.5	Pass
				20	3.27	-26.121	-0.0378	-2.5 to 2.5	Pass
					3.85	-38.567	-0.0559	-2.5 to 2.5	Pass
					4.43	-25.649	-0.0371	-2.5 to 2.5	Pass
				-30	3.85	-17.567	-0.0254	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0132	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0027	-2.5 to 2.5	Pass
				0	3.85	6.809	0.0099	-2.5 to 2.5	Pass
				10	3.85	13.833	0.0200	-2.5 to 2.5	Pass
16QAM	670.5	75	0	30	3.85	17.524	0.0254	-2.5 to 2.5	Pass
				40	3.85	19.240	0.0279	-2.5 to 2.5	Pass
				50	3.85	22.244	0.0322	-2.5 to 2.5	Pass
				20	3.27	-24.405	-0.0364	-2.5 to 2.5	Pass
					3.85	-12.088	-0.0180	-2.5 to 2.5	Pass
					4.43	-40.956	-0.0611	-2.5 to 2.5	Pass
				-30	3.85	-34.490	-0.0514	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-28.367	-0.0423	-2.5 to 2.5	Pass
				0	3.85	-46.463	-0.0693	-2.5 to 2.5	Pass
	680.5	75	0	10	3.85	-24.476	-0.0365	-2.5 to 2.5	Pass
				30	3.85	-51.370	-0.0766	-2.5 to 2.5	Pass
				40	3.85	-21.129	-0.0315	-2.5 to 2.5	Pass
				50	3.85	-42.529	-0.0634	-2.5 to 2.5	Pass
				20	3.27	-18.153	-0.0267	-2.5 to 2.5	Pass
					3.85	-17.438	-0.0256	-2.5 to 2.5	Pass
					4.43	-33.174	-0.0487	-2.5 to 2.5	Pass
				-30	3.85	-44.260	-0.0650	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-20.013	-0.0294	-2.5 to 2.5	Pass
	690.5	75	0	0	3.85	-36.807	-0.0541	-2.5 to 2.5	Pass
				10	3.85	-36.893	-0.0542	-2.5 to 2.5	Pass
				30	3.85	-12.131	-0.0178	-2.5 to 2.5	Pass
				40	3.85	-25.177	-0.0370	-2.5 to 2.5	Pass
				50	3.85	-31.385	-0.0461	-2.5 to 2.5	Pass
				20	3.27	22.817	0.0330	-2.5 to 2.5	Pass
					3.85	8.626	0.0125	-2.5 to 2.5	Pass
					4.43	-7.710	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-22.459	-0.0325	-2.5 to 2.5	Pass
				-20	3.85	-35.362	-0.0512	-2.5 to 2.5	Pass
				-10	3.85	-47.164	-0.0683	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				10	3.85	-10.786	-0.0156	-2.5 to 2.5	Pass
				30	3.85	-19.512	-0.0283	-2.5 to 2.5	Pass
				40	3.85	-24.276	-0.0352	-2.5 to 2.5	Pass

				50	3.85	-33.231	-0.0481	-2.5 to 2.5	Pass
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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	28.009	0.0416	-2.5 to 2.5	Pass
					3.85	28.696	0.0426	-2.5 to 2.5	Pass
					4.43	23.303	0.0346	-2.5 to 2.5	Pass
				-30	3.85	30.413	0.0452	-2.5 to 2.5	Pass
				-20	3.85	24.834	0.0369	-2.5 to 2.5	Pass
				-10	3.85	29.368	0.0436	-2.5 to 2.5	Pass
				0	3.85	37.065	0.0551	-2.5 to 2.5	Pass
				10	3.85	39.210	0.0583	-2.5 to 2.5	Pass
				30	3.85	31.943	0.0475	-2.5 to 2.5	Pass
				40	3.85	17.738	0.0264	-2.5 to 2.5	Pass
				50	3.85	21.944	0.0326	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-18.396	-0.0269	-2.5 to 2.5	Pass
					3.85	26.007	0.0381	-2.5 to 2.5	Pass
					4.43	28.067	0.0411	-2.5 to 2.5	Pass
				-30	3.85	17.996	0.0263	-2.5 to 2.5	Pass
				-20	3.85	36.449	0.0534	-2.5 to 2.5	Pass
				-10	3.85	24.962	0.0365	-2.5 to 2.5	Pass
				0	3.85	10.414	0.0152	-2.5 to 2.5	Pass
				10	3.85	20.256	0.0297	-2.5 to 2.5	Pass
				30	3.85	19.970	0.0292	-2.5 to 2.5	Pass
				40	3.85	23.561	0.0345	-2.5 to 2.5	Pass
				50	3.85	2.604	0.0038	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-27.351	-0.0398	-2.5 to 2.5	Pass
					3.85	-48.451	-0.0704	-2.5 to 2.5	Pass
					4.43	-17.896	-0.0260	-2.5 to 2.5	Pass
				-30	3.85	-36.049	-0.0524	-2.5 to 2.5	Pass
				-20	3.85	-25.563	-0.0372	-2.5 to 2.5	Pass
				-10	3.85	-15.621	-0.0227	-2.5 to 2.5	Pass
				0	3.85	-30.899	-0.0449	-2.5 to 2.5	Pass
				10	3.85	-46.549	-0.0677	-2.5 to 2.5	Pass
				30	3.85	-42.686	-0.0620	-2.5 to 2.5	Pass
				40	3.85	-7.825	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-23.289	-0.0339	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	33.474	0.0497	-2.5 to 2.5	Pass
					3.85	30.270	0.0450	-2.5 to 2.5	Pass
					4.43	34.032	0.0506	-2.5 to 2.5	Pass
				-30	3.85	13.146	0.0195	-2.5 to 2.5	Pass
				-20	3.85	39.597	0.0588	-2.5 to 2.5	Pass
				-10	3.85	29.182	0.0434	-2.5 to 2.5	Pass
				0	3.85	17.023	0.0253	-2.5 to 2.5	Pass
				10	3.85	28.296	0.0420	-2.5 to 2.5	Pass
				30	3.85	39.754	0.0591	-2.5 to 2.5	Pass
				40	3.85	41.528	0.0617	-2.5 to 2.5	Pass
				50	3.85	26.708	0.0397	-2.5 to 2.5	Pass

	683	100	0	20	3.27	-34.633	-0.0507	-2.5 to 2.5	Pass
					3.85	-31.757	-0.0465	-2.5 to 2.5	Pass
					4.43	-25.463	-0.0373	-2.5 to 2.5	Pass
				-30	3.85	-23.761	-0.0348	-2.5 to 2.5	Pass
				-20	3.85	-28.224	-0.0413	-2.5 to 2.5	Pass
				-10	3.85	-18.640	-0.0273	-2.5 to 2.5	Pass
				0	3.85	-27.552	-0.0403	-2.5 to 2.5	Pass
				10	3.85	-28.896	-0.0423	-2.5 to 2.5	Pass
				30	3.85	-29.068	-0.0426	-2.5 to 2.5	Pass
				40	3.85	-20.556	-0.0301	-2.5 to 2.5	Pass
				50	3.85	-17.509	-0.0256	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-38.967	-0.0566	-2.5 to 2.5	Pass
					3.85	-38.638	-0.0562	-2.5 to 2.5	Pass
					4.43	-17.638	-0.0256	-2.5 to 2.5	Pass
				-30	3.85	-29.039	-0.0422	-2.5 to 2.5	Pass
				-20	3.85	-39.296	-0.0571	-2.5 to 2.5	Pass
				-10	3.85	-48.623	-0.0707	-2.5 to 2.5	Pass
				0	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-13.289	-0.0193	-2.5 to 2.5	Pass
				30	3.85	-26.608	-0.0387	-2.5 to 2.5	Pass
				40	3.85	-31.886	-0.0463	-2.5 to 2.5	Pass
				50	3.85	-41.127	-0.0598	-2.5 to 2.5	Pass

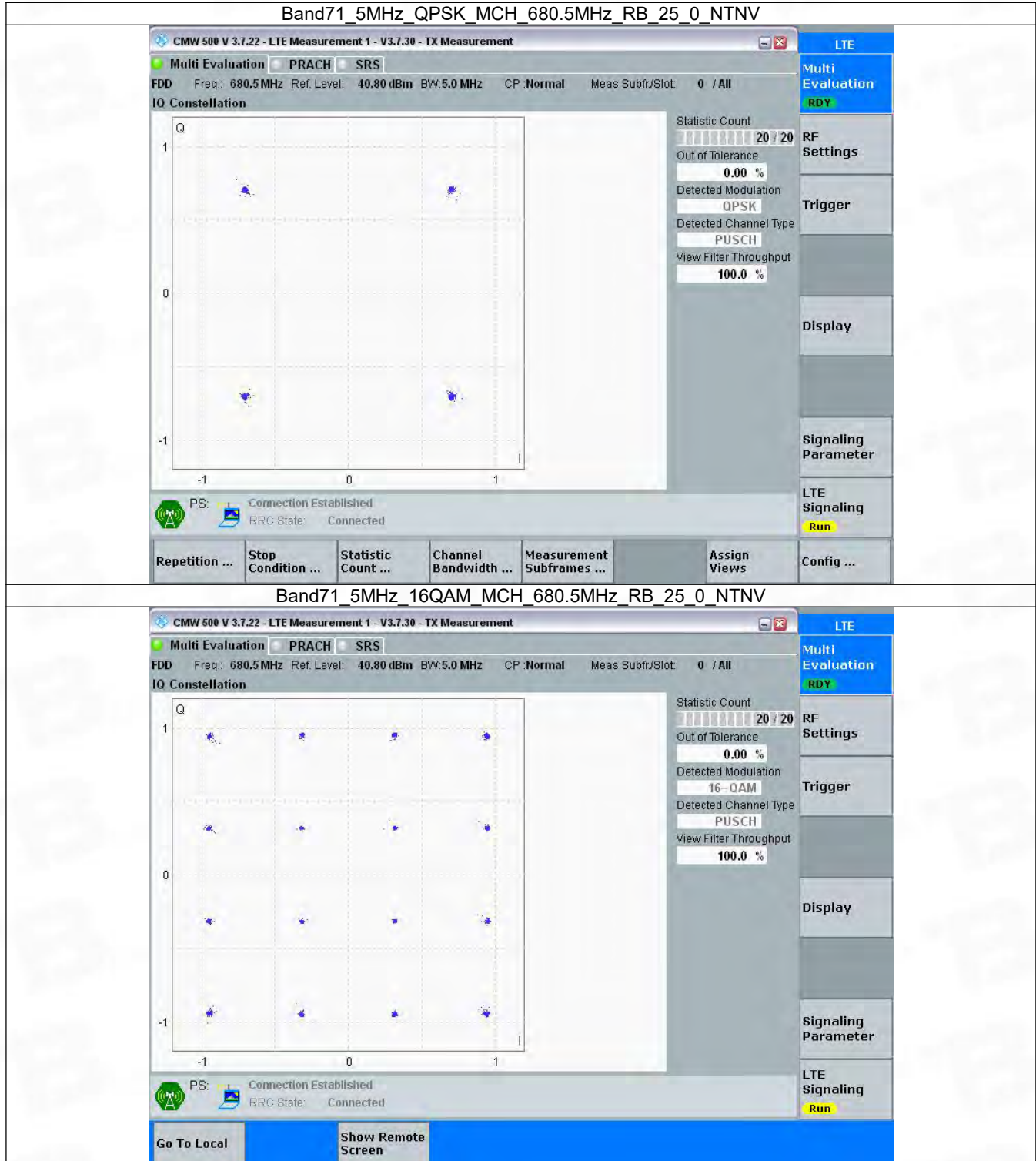
3. Modulation Characteristics

3.1 B71_5MHz

3.1.1 Test Result

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 Test Graph

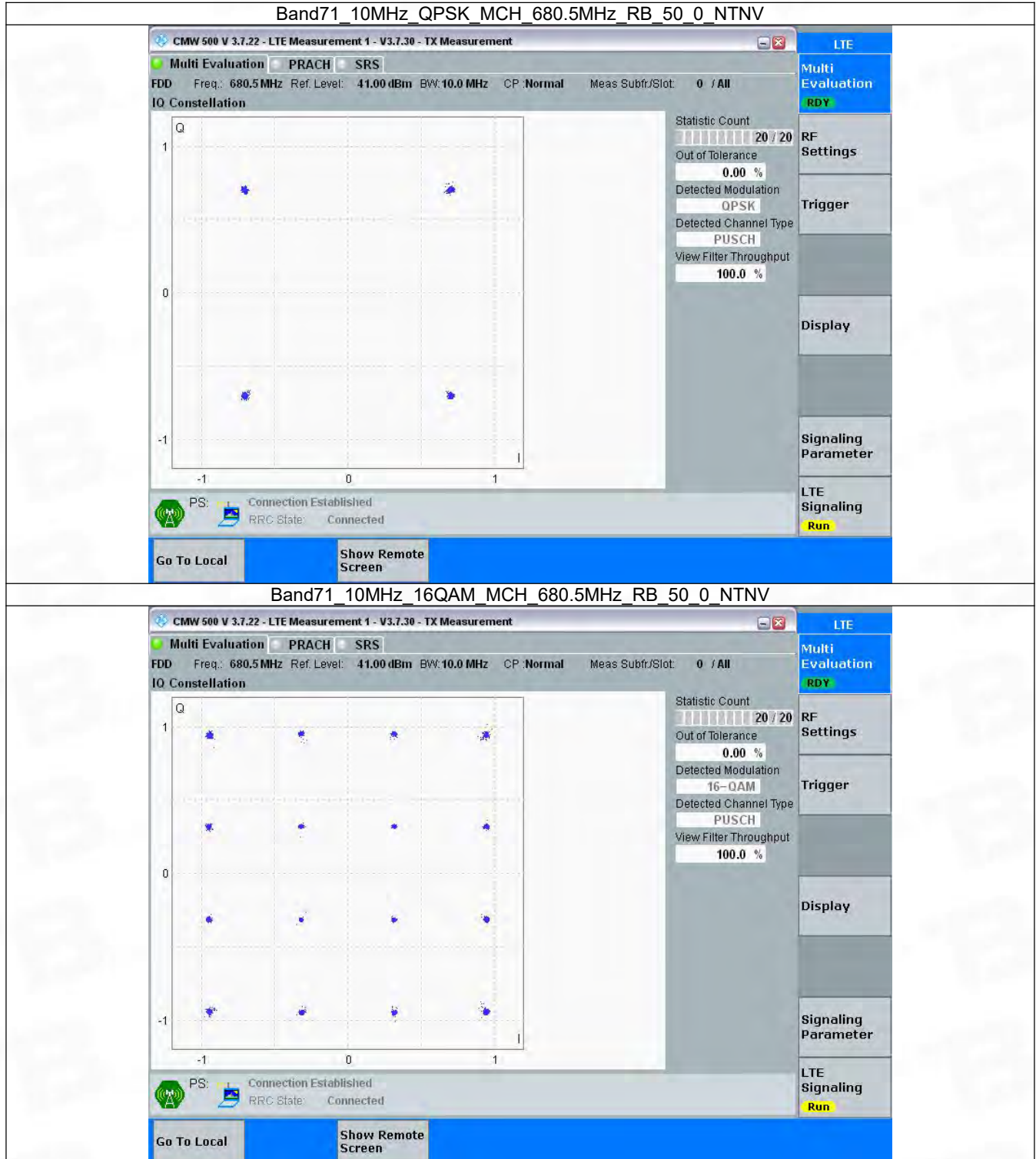


3.2 B71_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph

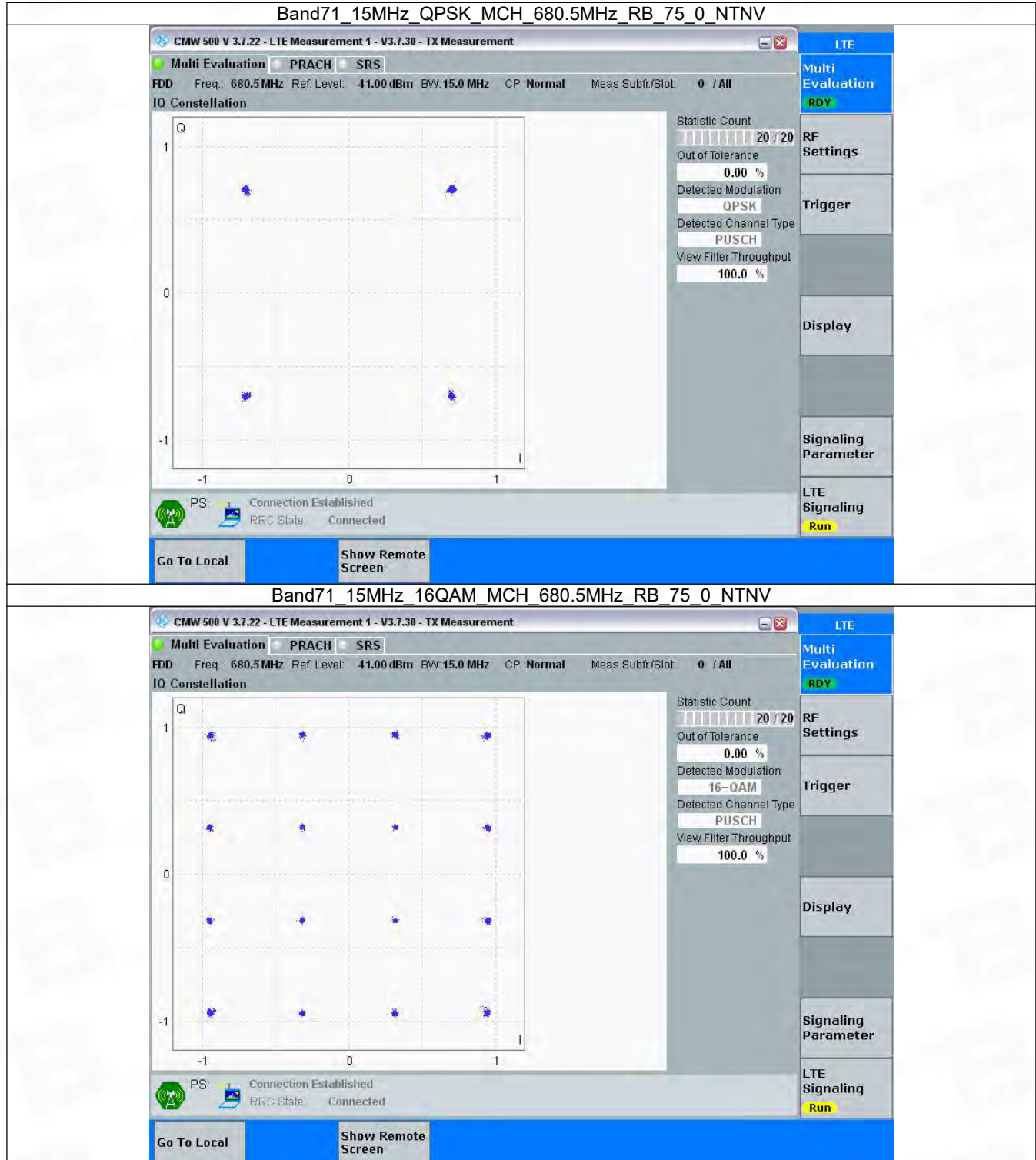


3.3 B71_15MHz

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

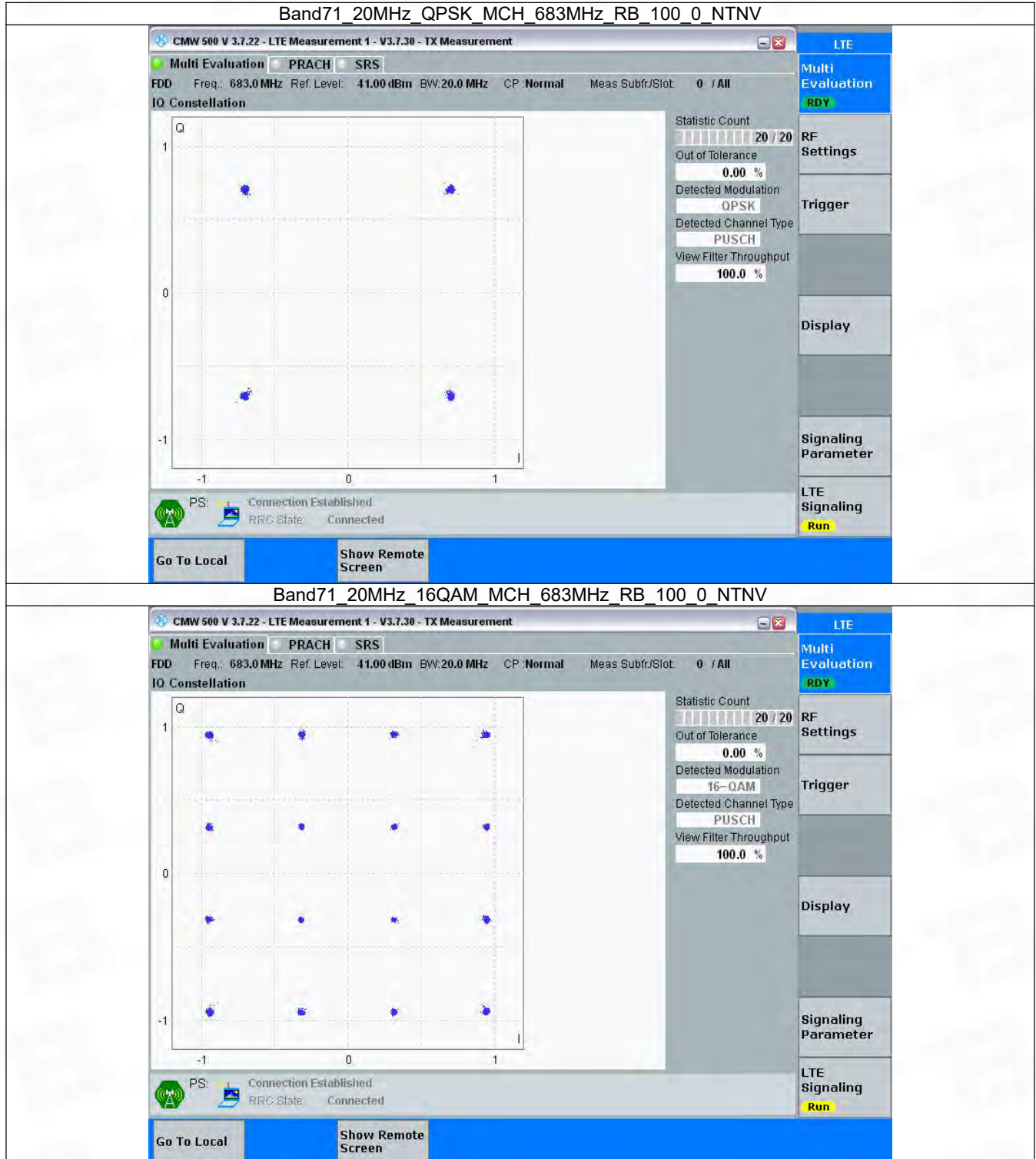


3.4 B71_20MHz

3.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / 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

3.4.2 Test Graph



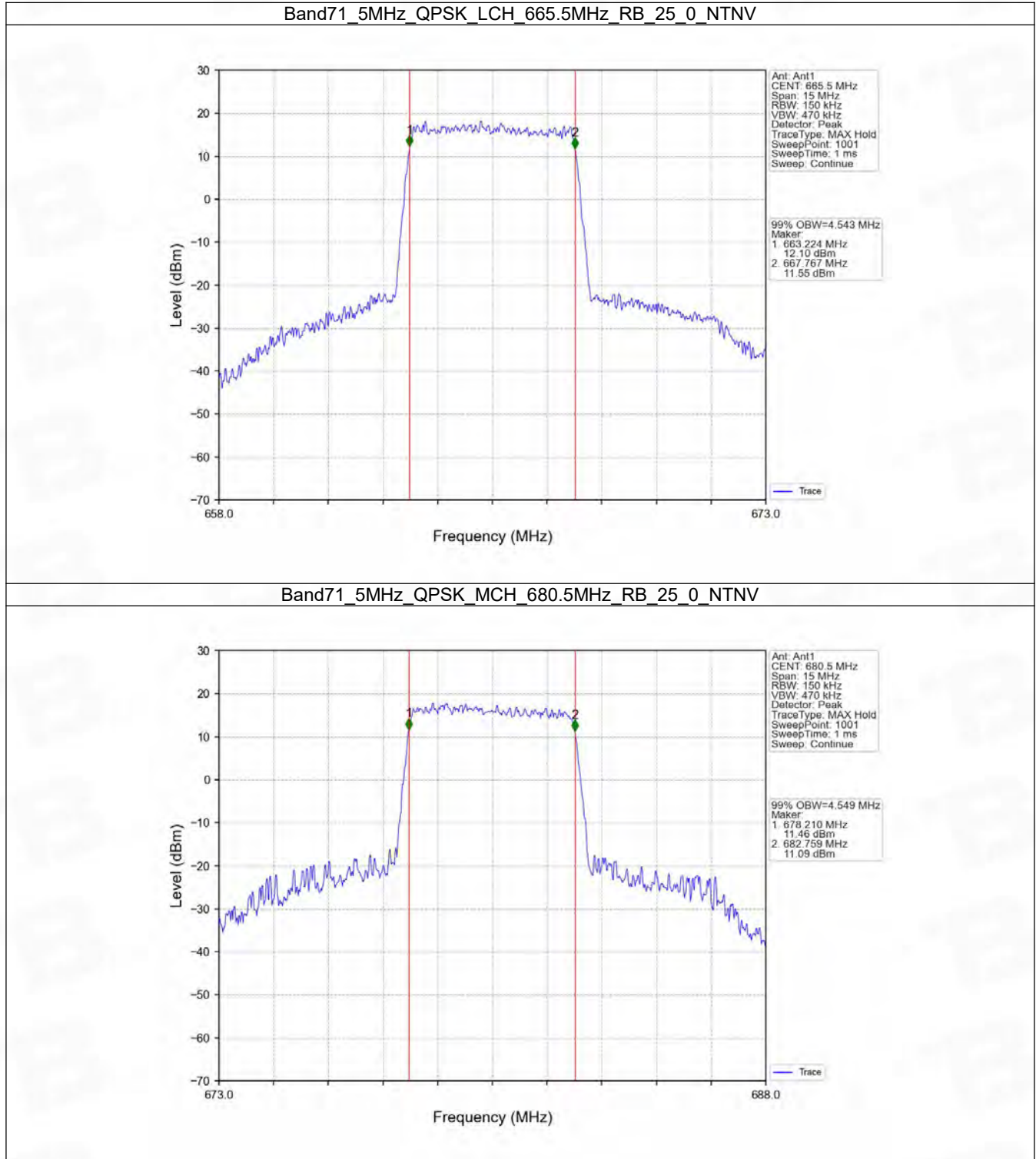
4. 99% & 26dB Bandwidth

4.1 Band71_OBW

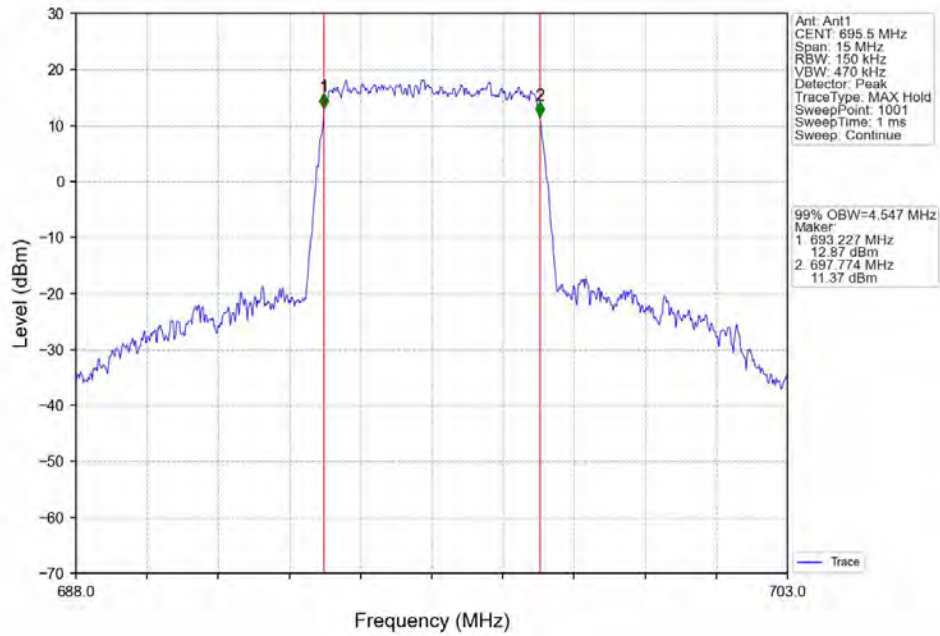
4.1.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.543	/	Pass
		680.5	25	0	4.549	/	Pass
		695.5	25	0	4.547	/	Pass
	16QAM	665.5	25	0	4.554	/	Pass
		680.5	25	0	4.554	/	Pass
		695.5	25	0	4.558	/	Pass
10	QPSK	668	50	0	9.101	/	Pass
		680.5	50	0	9.062	/	Pass
		693	50	0	9.003	/	Pass
	16QAM	668	50	0	9.117	/	Pass
		680.5	50	0	9.064	/	Pass
		693	50	0	9.038	/	Pass
15	QPSK	670.5	75	0	13.668	/	Pass
		680.5	75	0	13.583	/	Pass
		690.5	75	0	13.564	/	Pass
	16QAM	670.5	75	0	13.701	/	Pass
		680.5	75	0	13.586	/	Pass
		690.5	75	0	13.590	/	Pass
20	QPSK	673	100	0	18.115	/	Pass
		683	100	0	18.173	/	Pass
		688	100	0	18.190	/	Pass
	16QAM	673	100	0	18.204	/	Pass
		683	100	0	18.204	/	Pass
		688	100	0	18.198	/	Pass

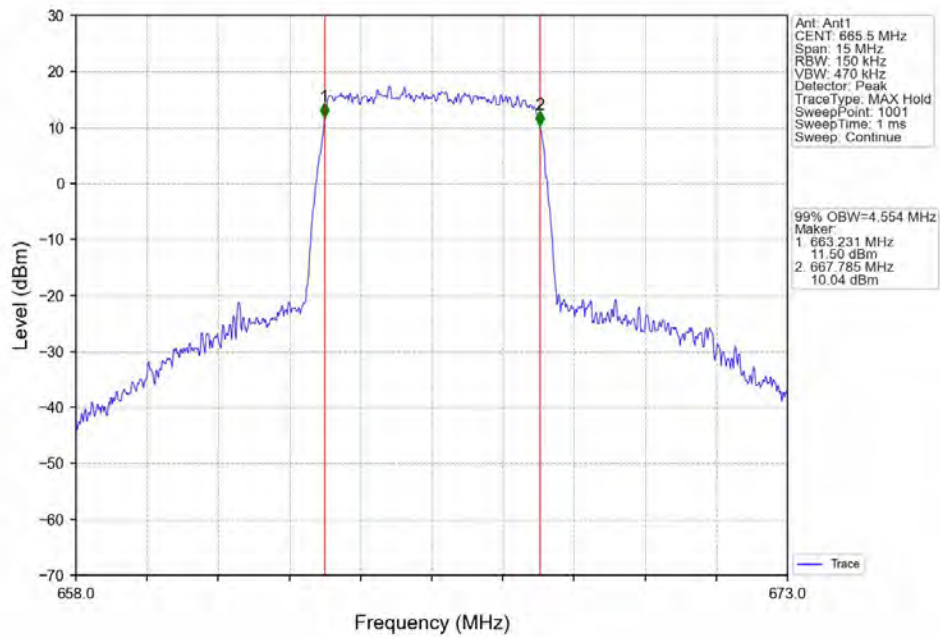
4.1.2 Test Graph



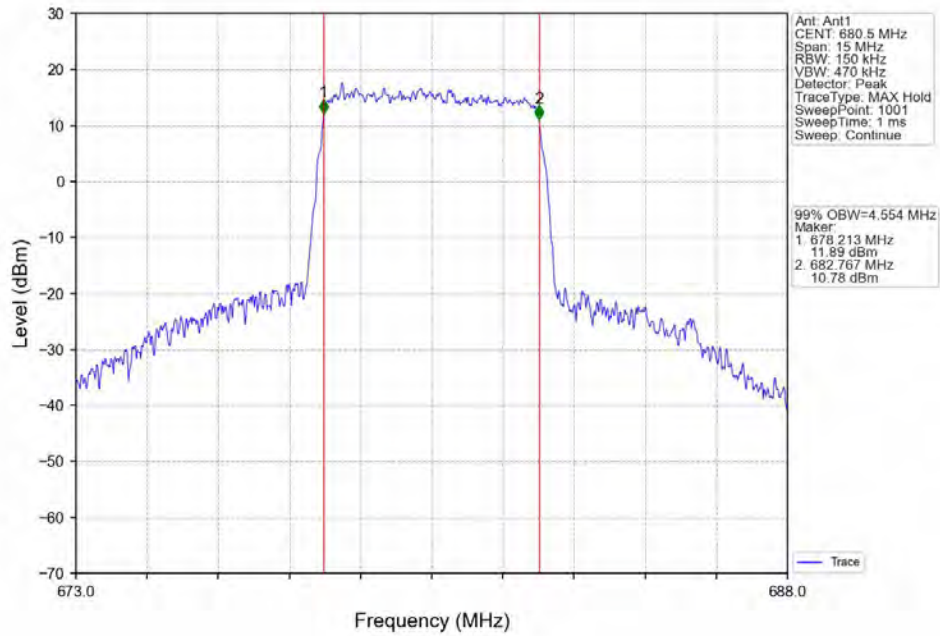
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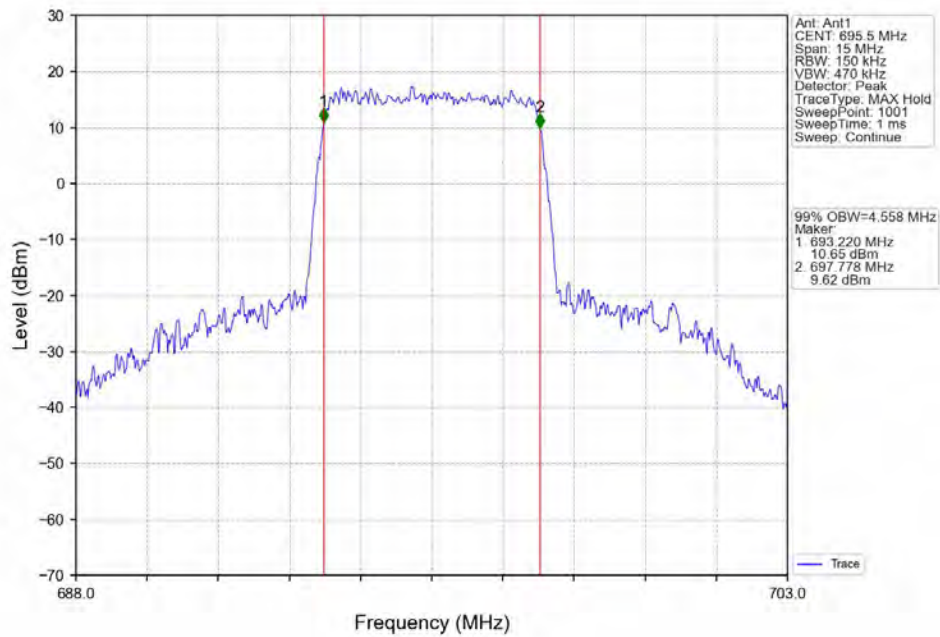
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



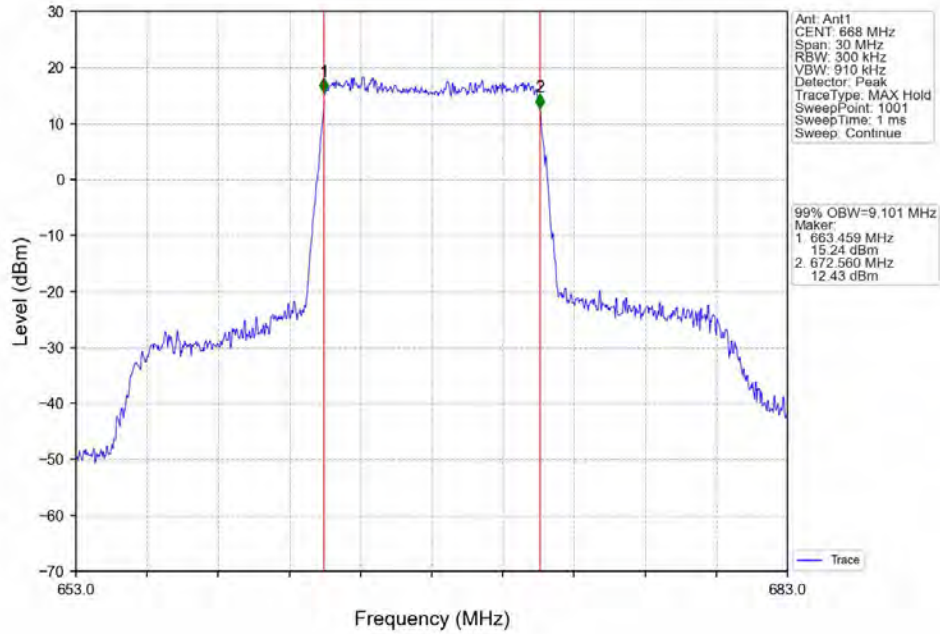
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



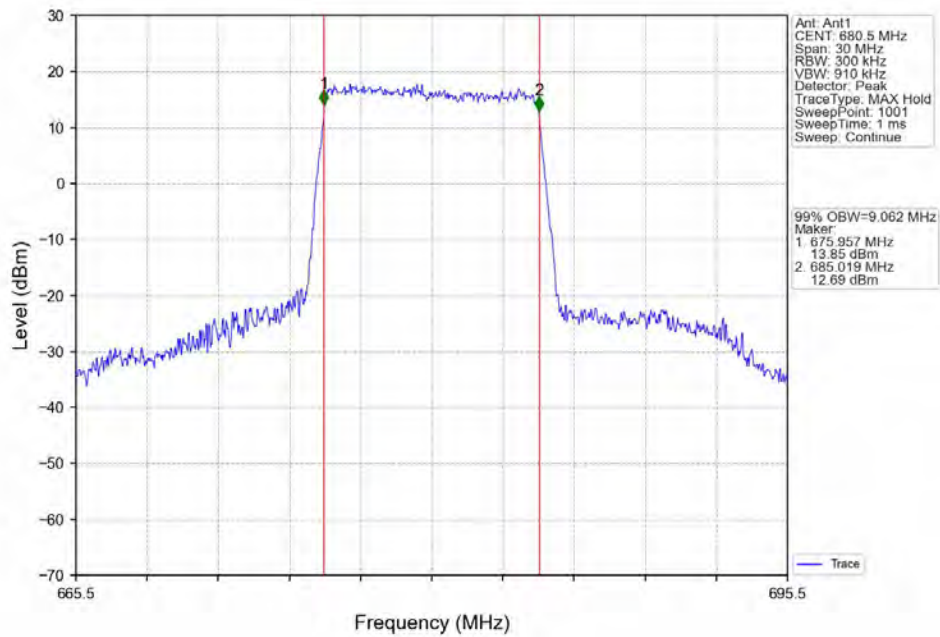
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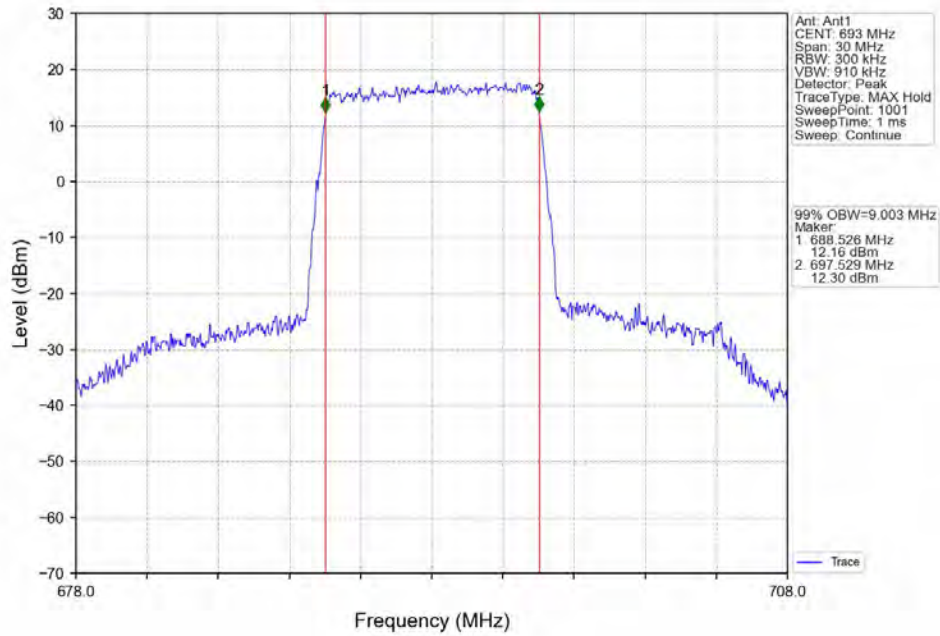
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



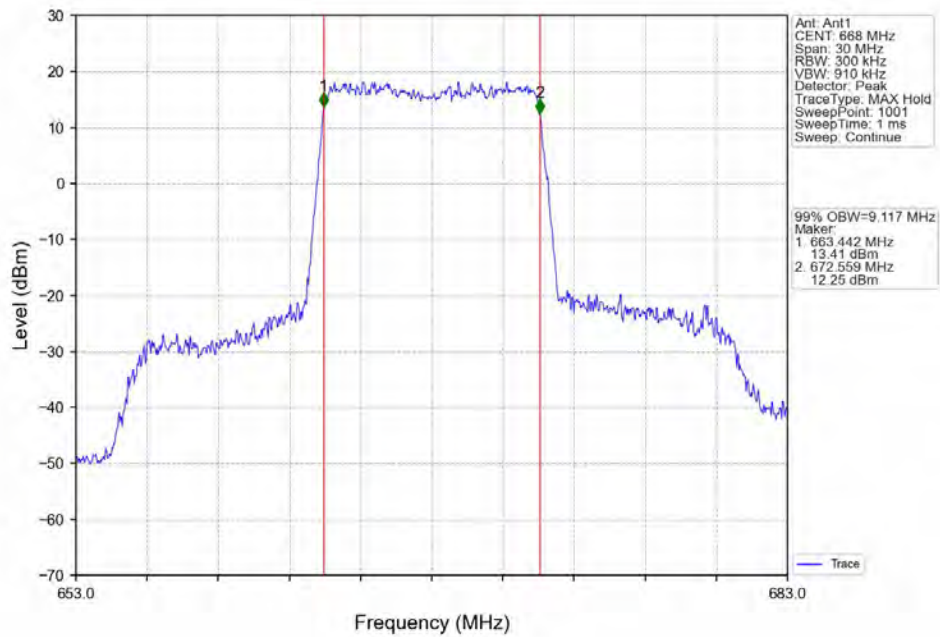
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



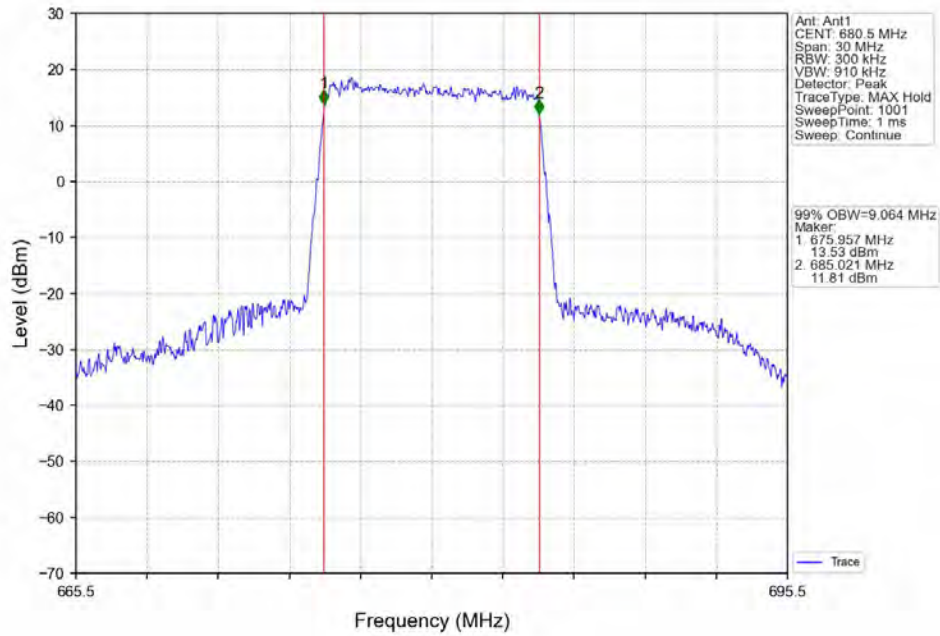
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



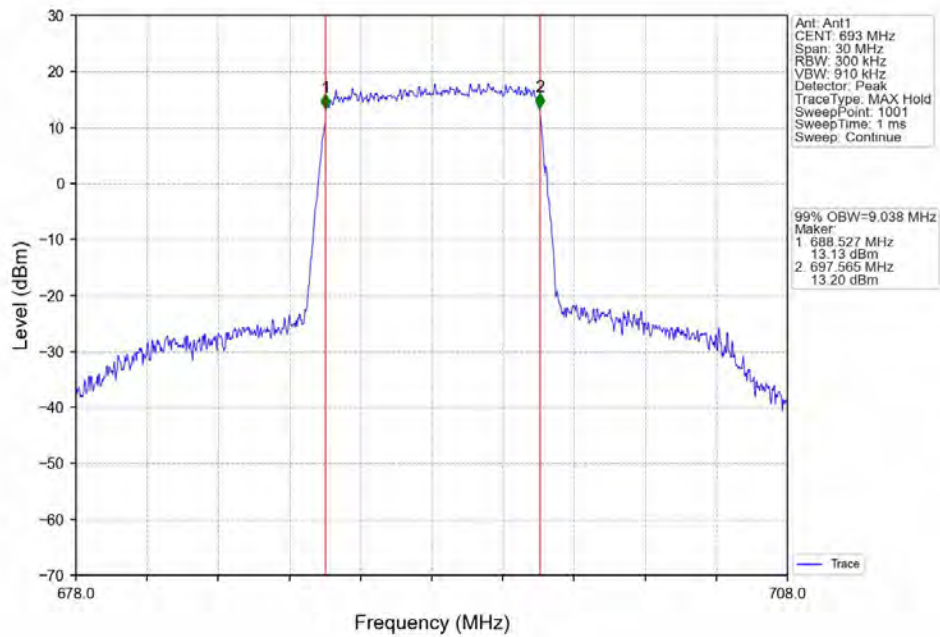
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



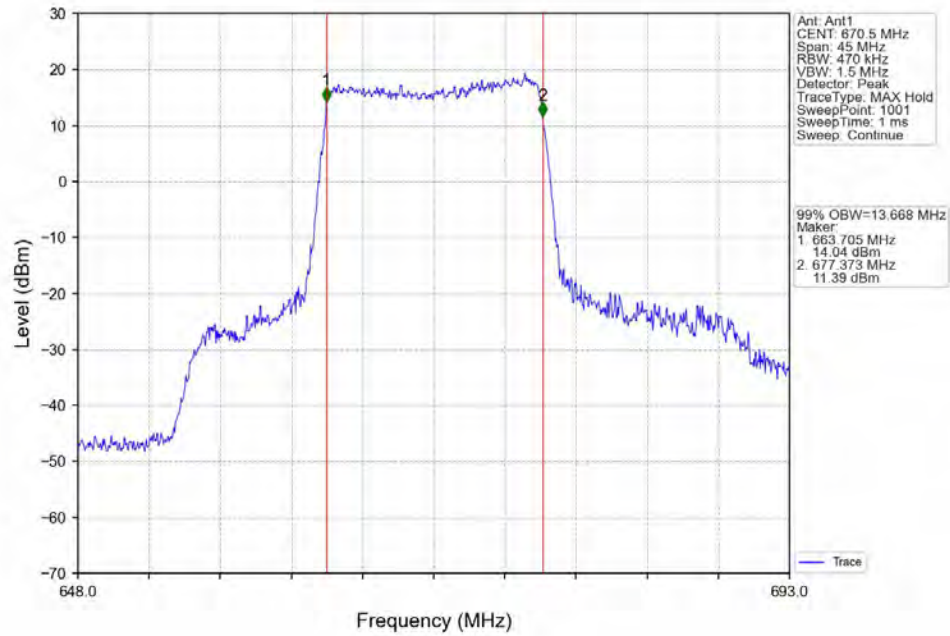
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



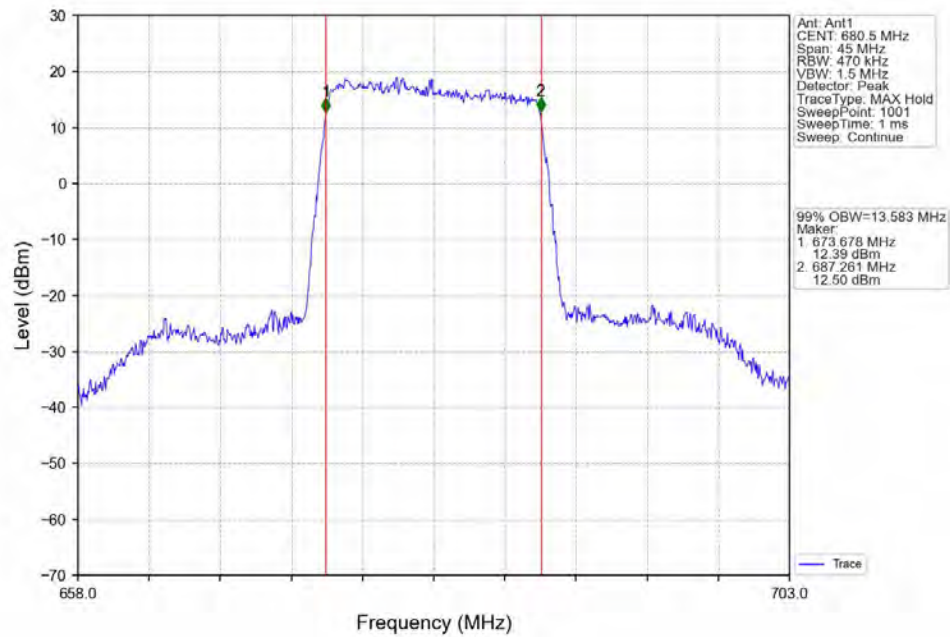
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



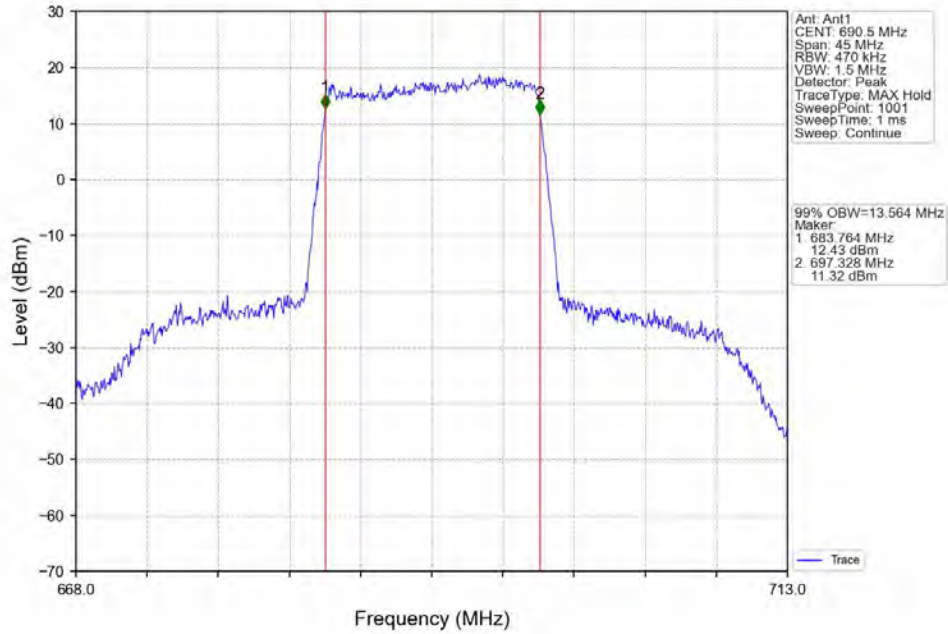
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



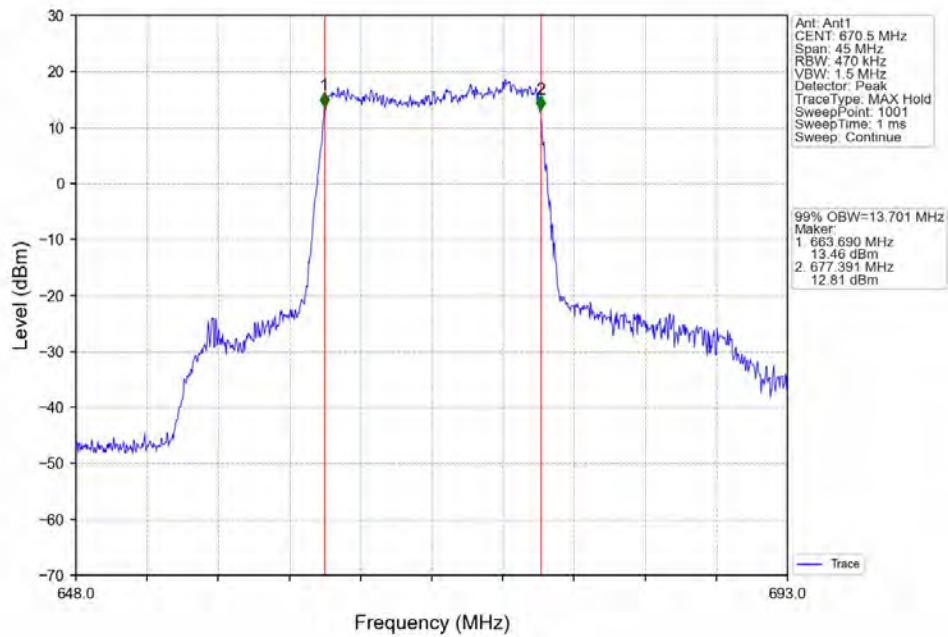
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



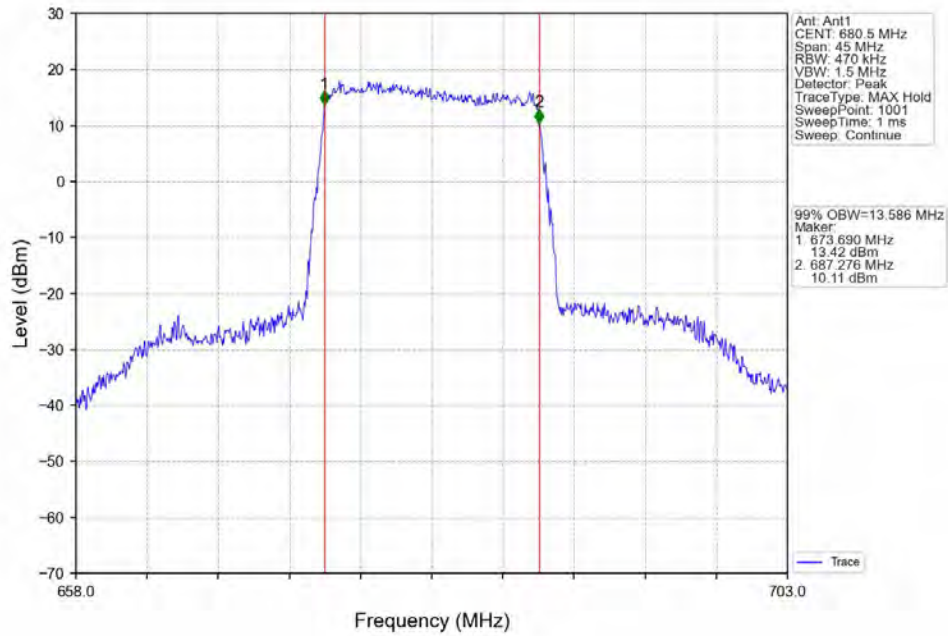
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



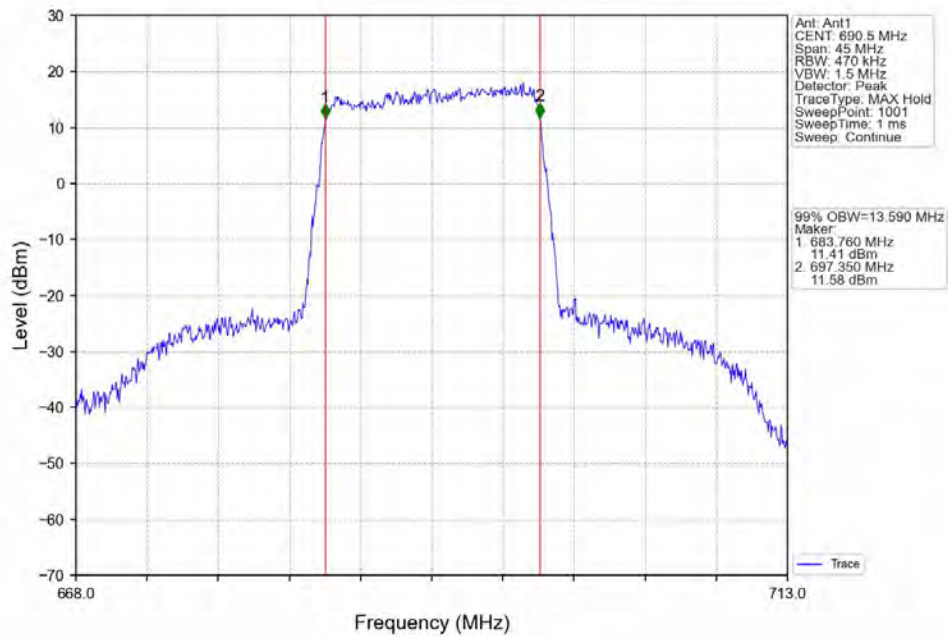
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



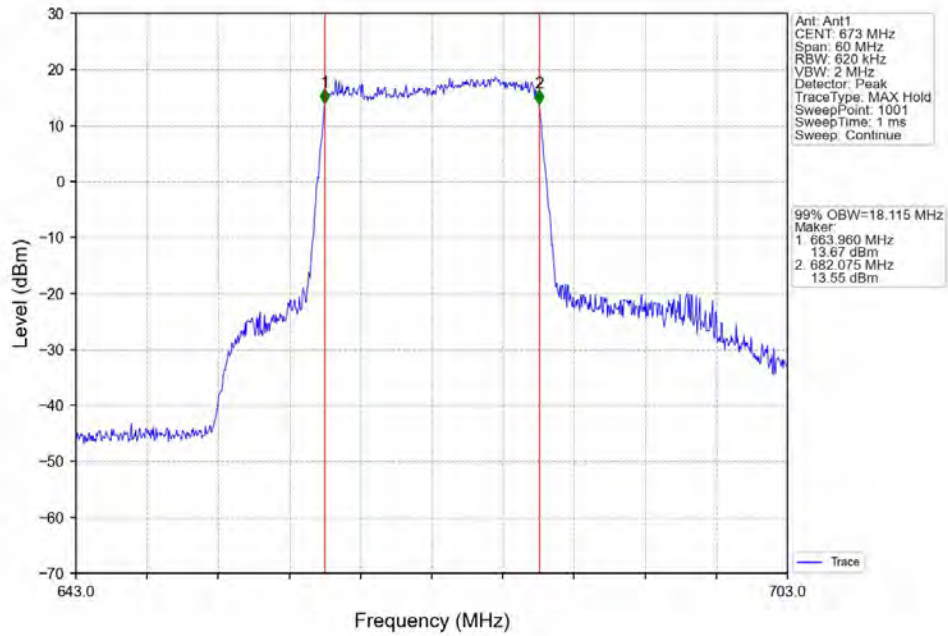
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



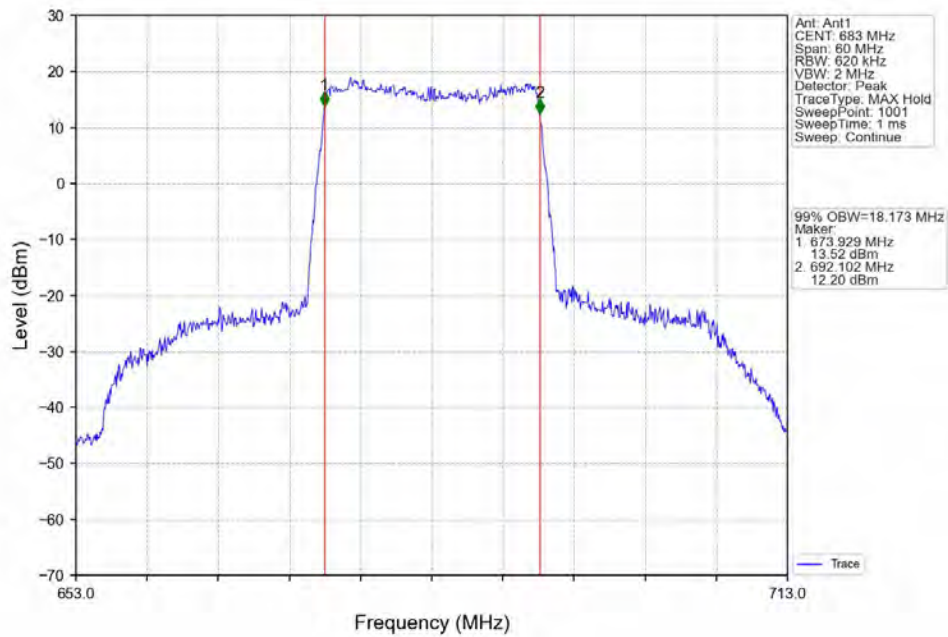
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



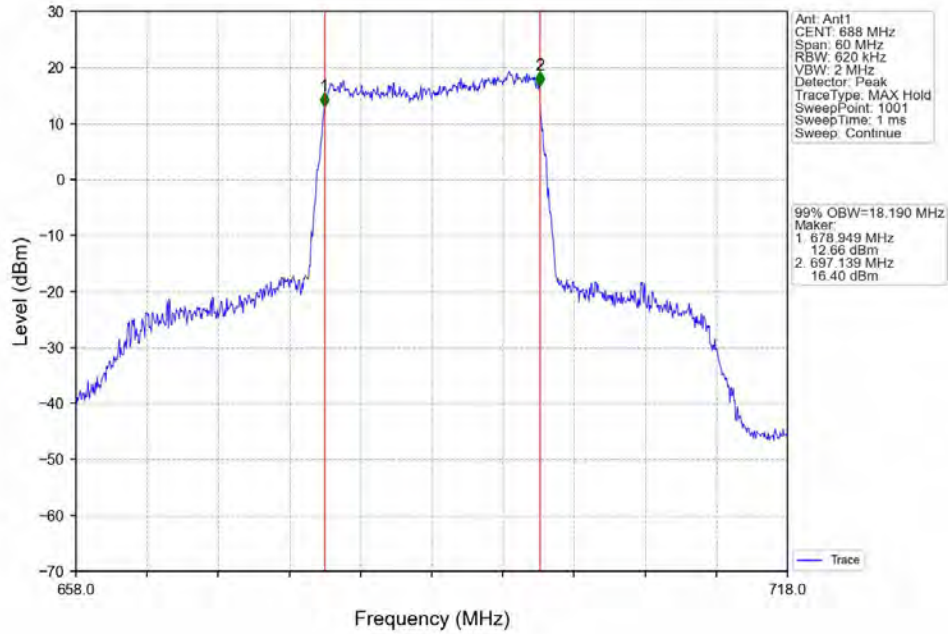
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



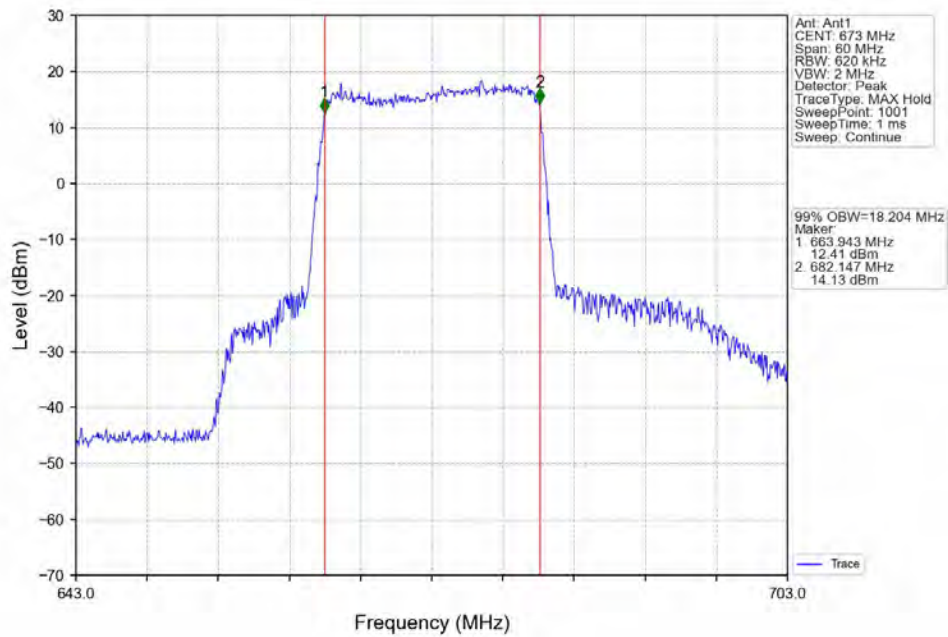
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



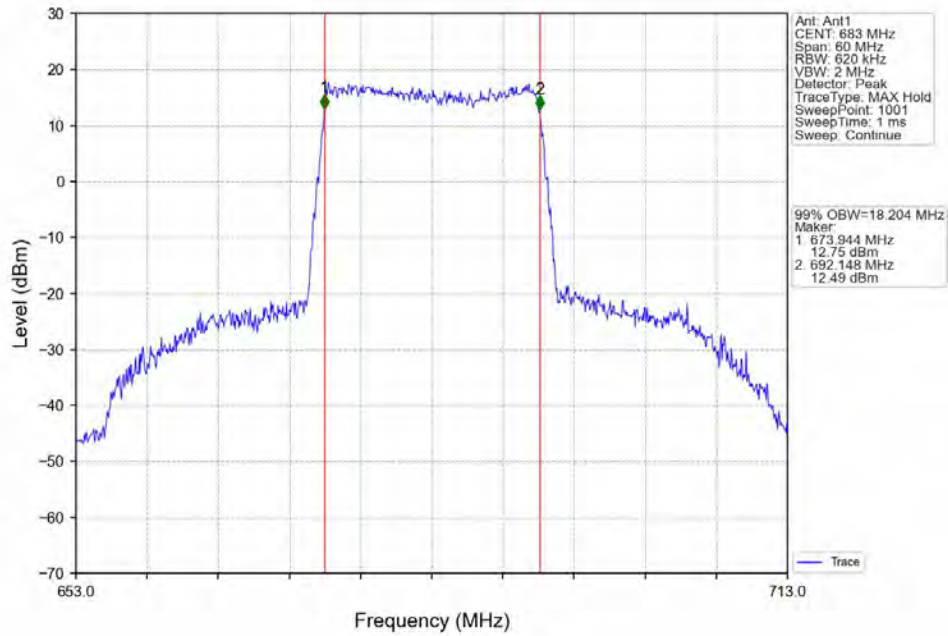
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



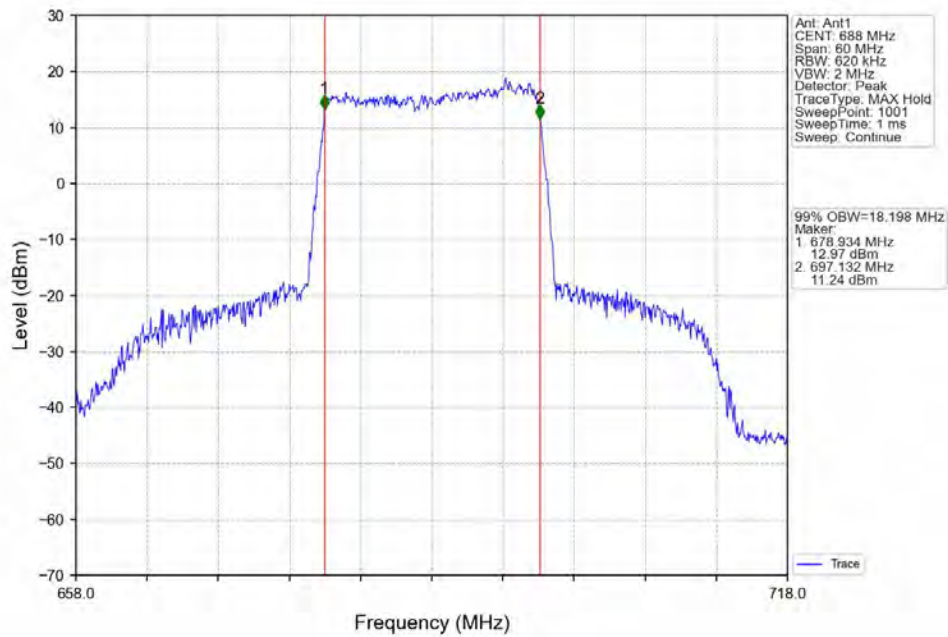
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV

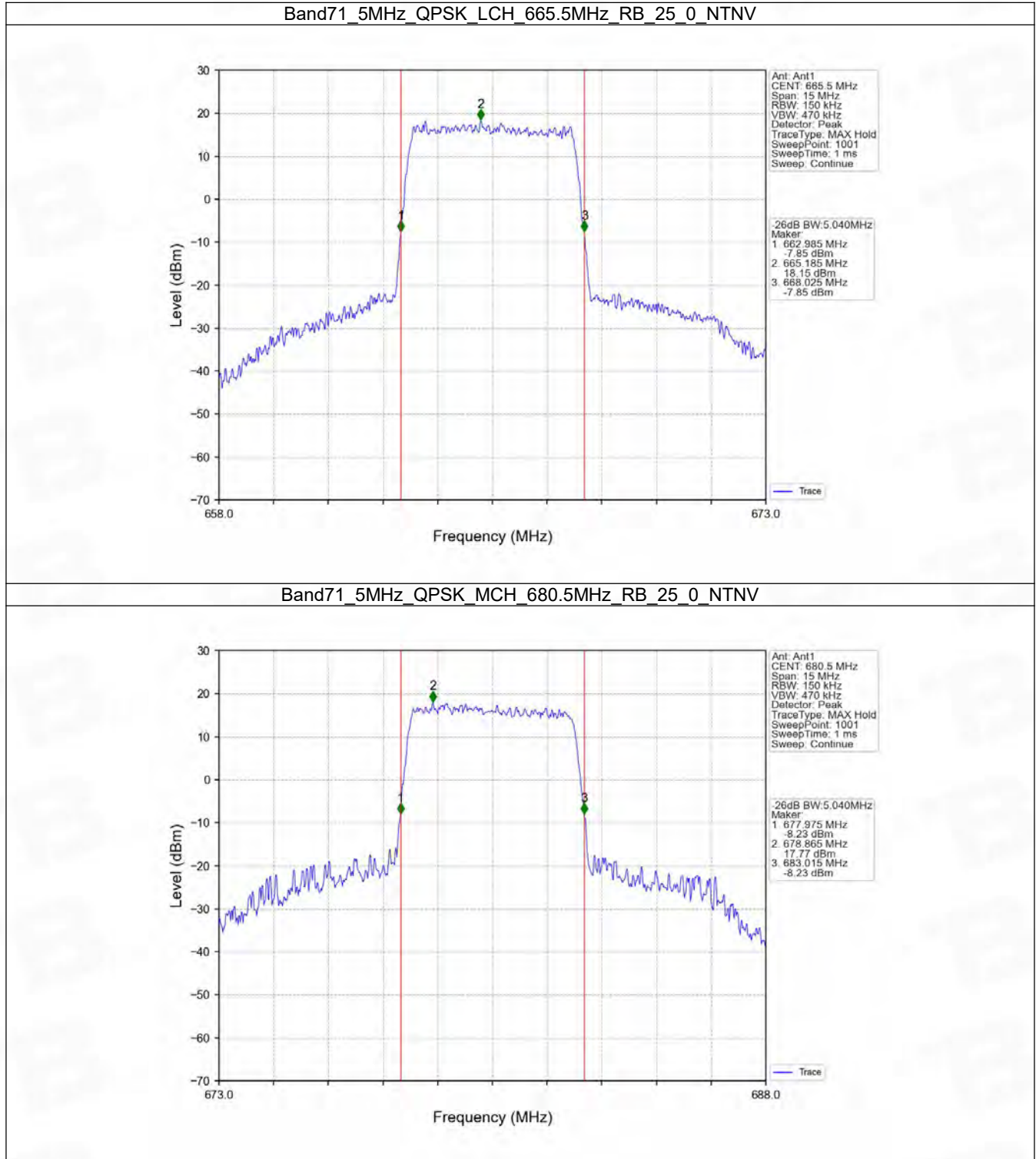


4.2 Band71_XDB

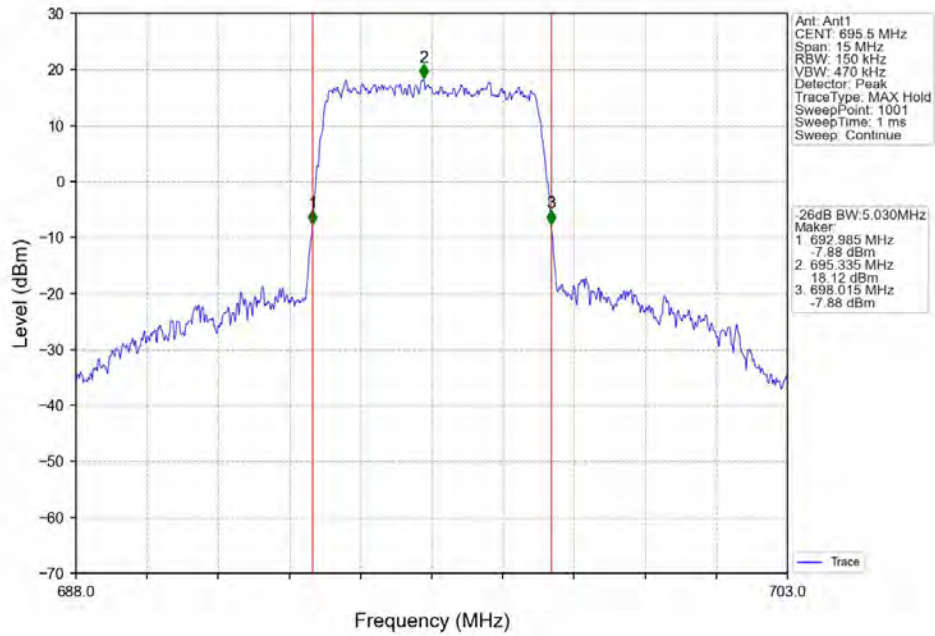
4.2.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.040	/	Pass
		680.5	25	0	5.040	/	Pass
		695.5	25	0	5.030	/	Pass
	16QAM	665.5	25	0	5.069	/	Pass
		680.5	25	0	5.034	/	Pass
		695.5	25	0	5.060	/	Pass
10	QPSK	668	50	0	10.027	/	Pass
		680.5	50	0	10.082	/	Pass
		693	50	0	10.052	/	Pass
	16QAM	668	50	0	10.074	/	Pass
		680.5	50	0	10.029	/	Pass
		693	50	0	10.039	/	Pass
15	QPSK	670.5	75	0	15.118	/	Pass
		680.5	75	0	15.134	/	Pass
		690.5	75	0	15.094	/	Pass
	16QAM	670.5	75	0	15.171	/	Pass
		680.5	75	0	15.173	/	Pass
		690.5	75	0	15.195	/	Pass
20	QPSK	673	100	0	19.928	/	Pass
		683	100	0	20.143	/	Pass
		688	100	0	20.046	/	Pass
	16QAM	673	100	0	19.923	/	Pass
		683	100	0	20.184	/	Pass
		688	100	0	20.014	/	Pass

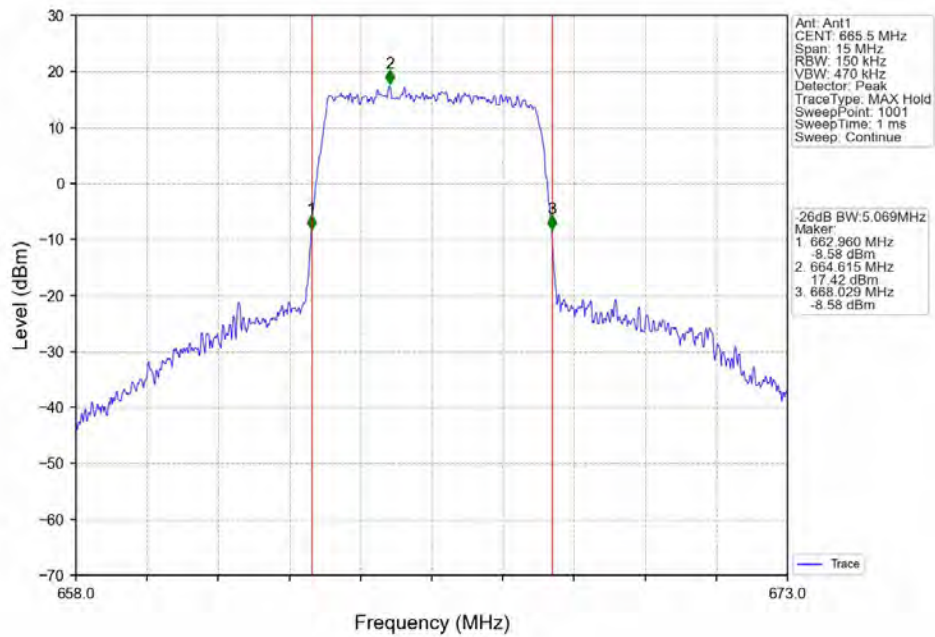
4.2.2 Test Graph



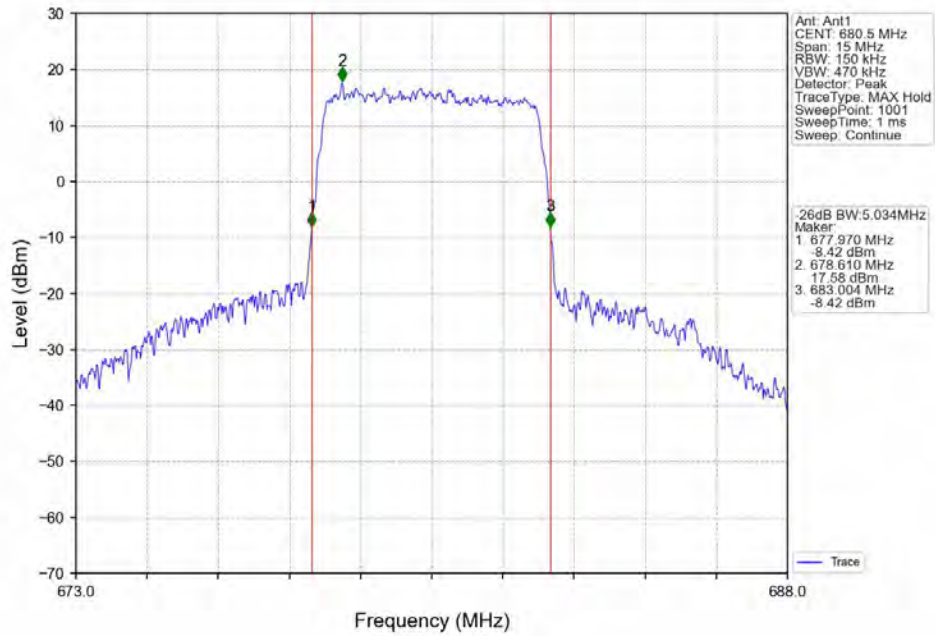
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



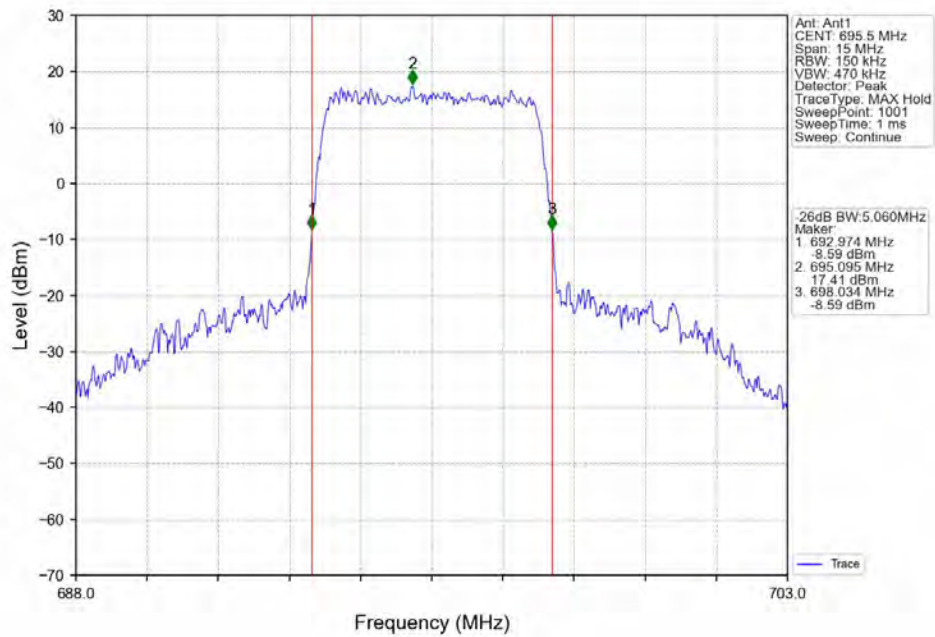
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



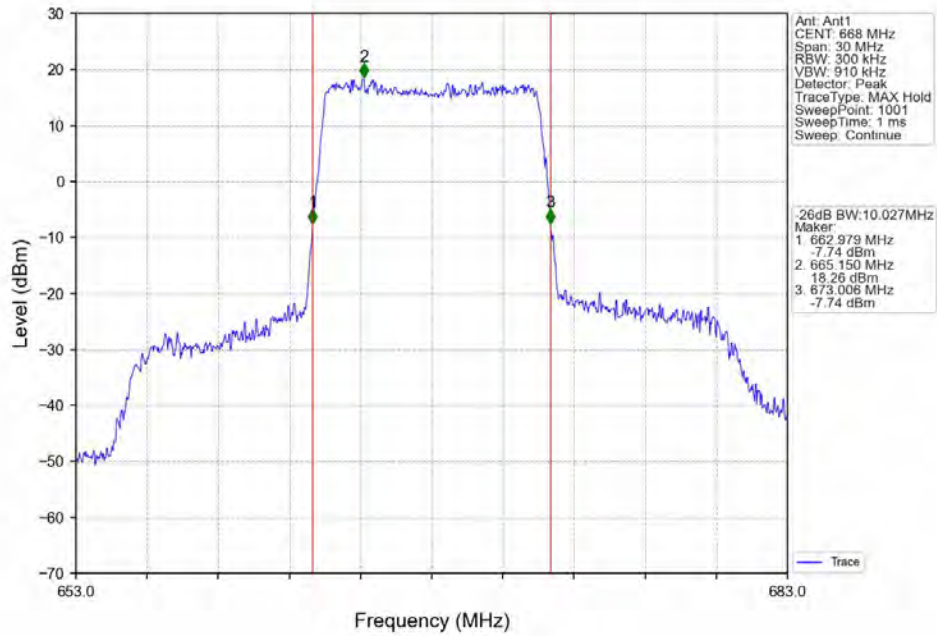
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



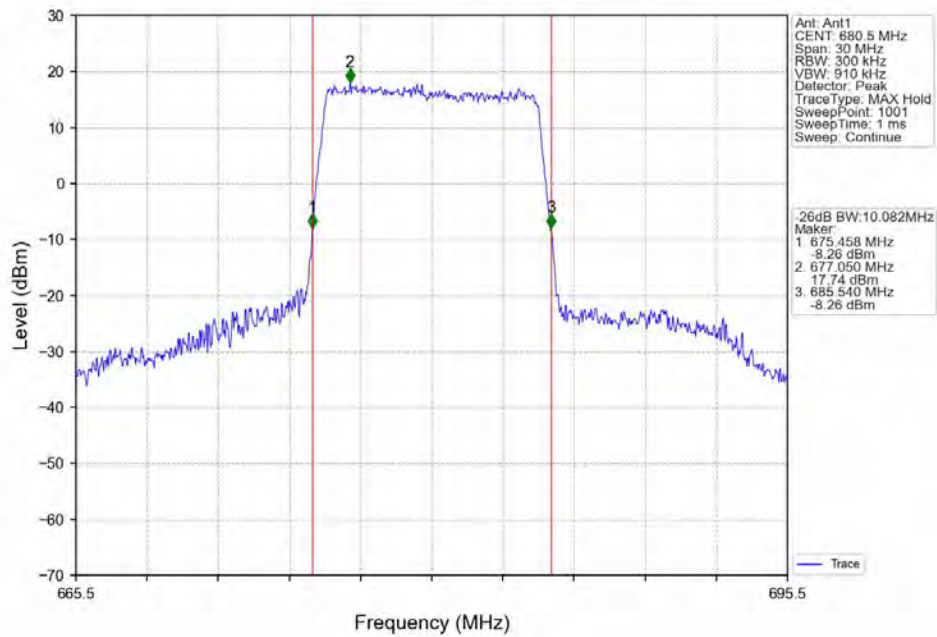
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



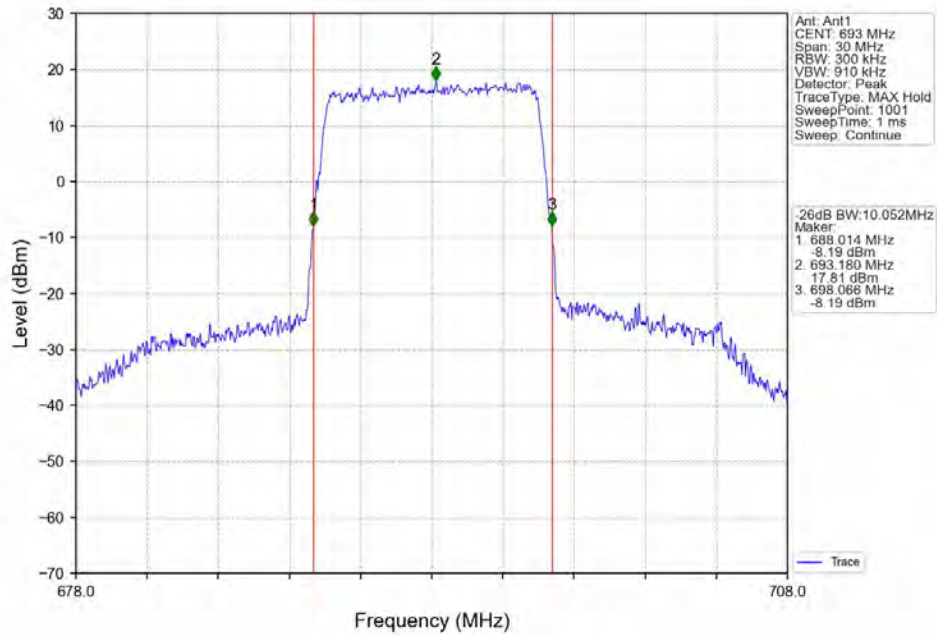
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



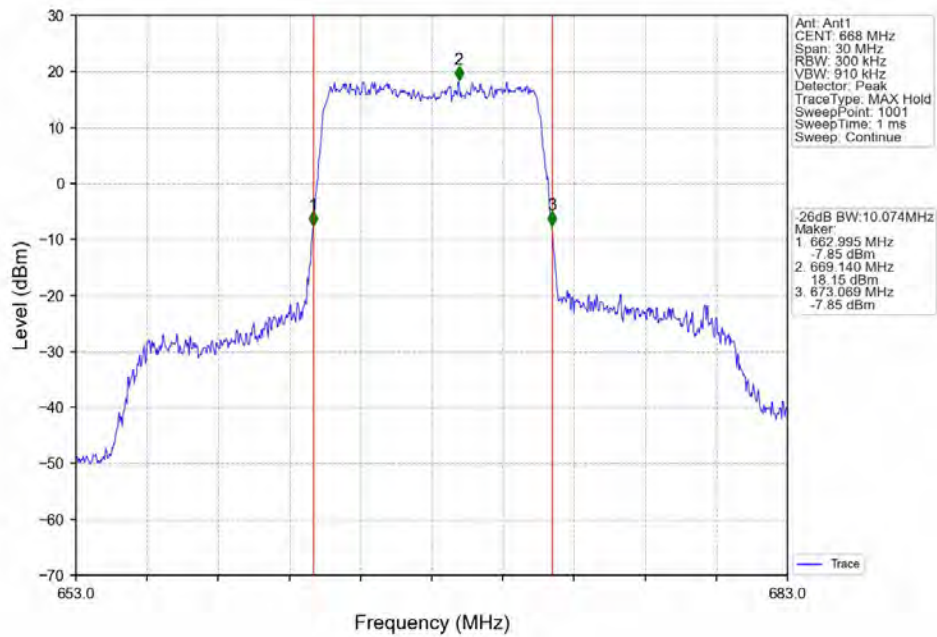
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



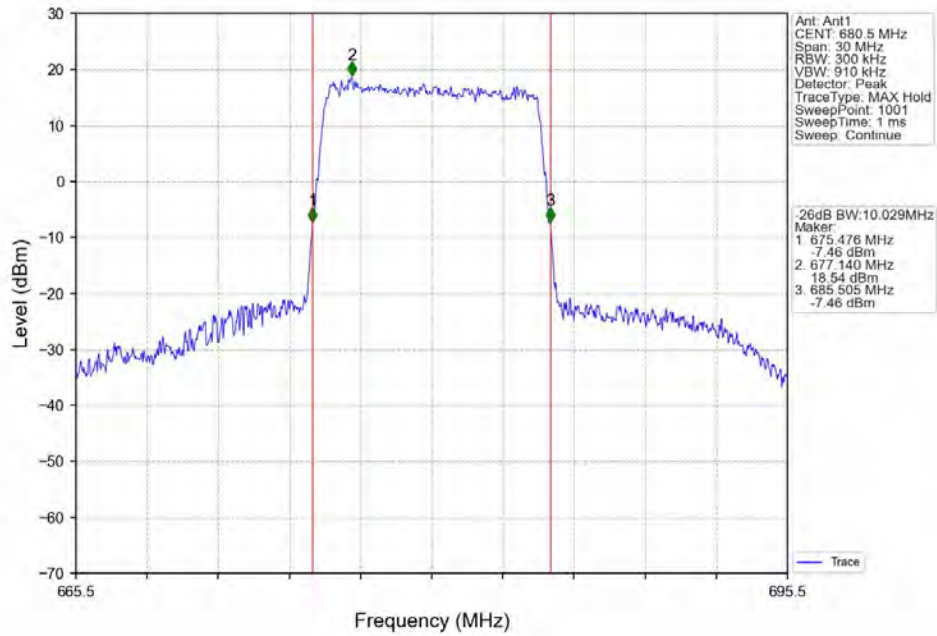
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



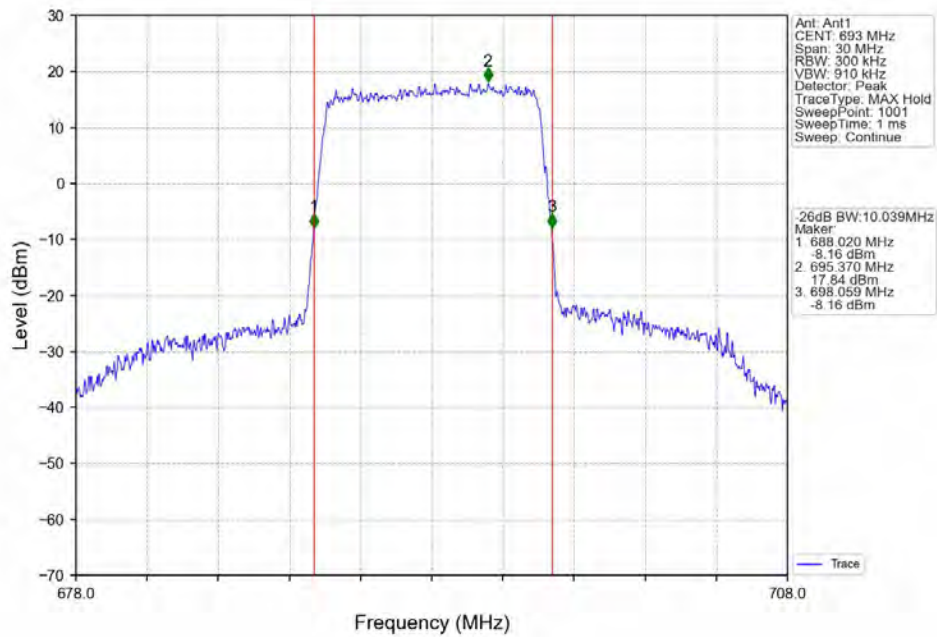
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



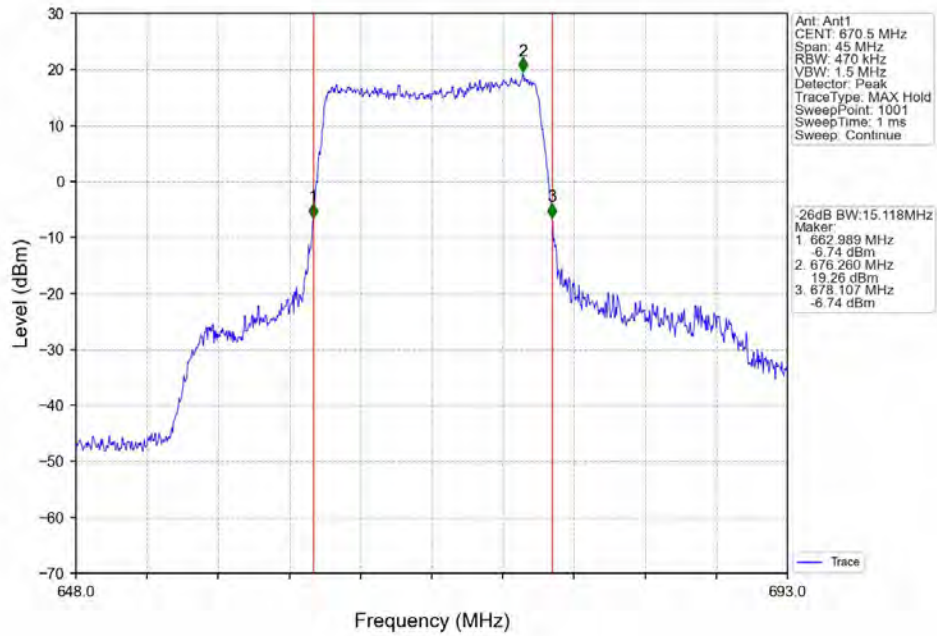
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



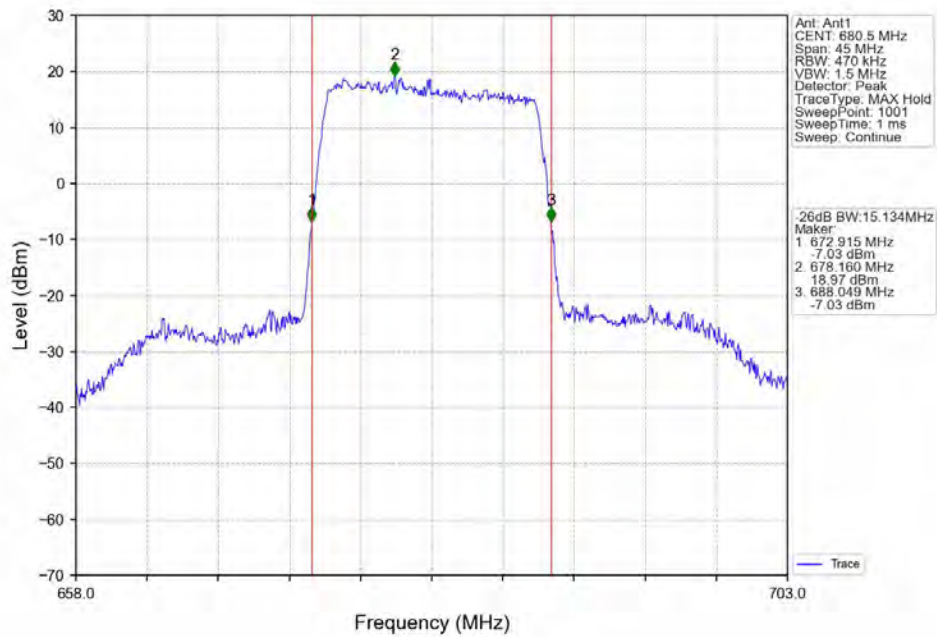
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



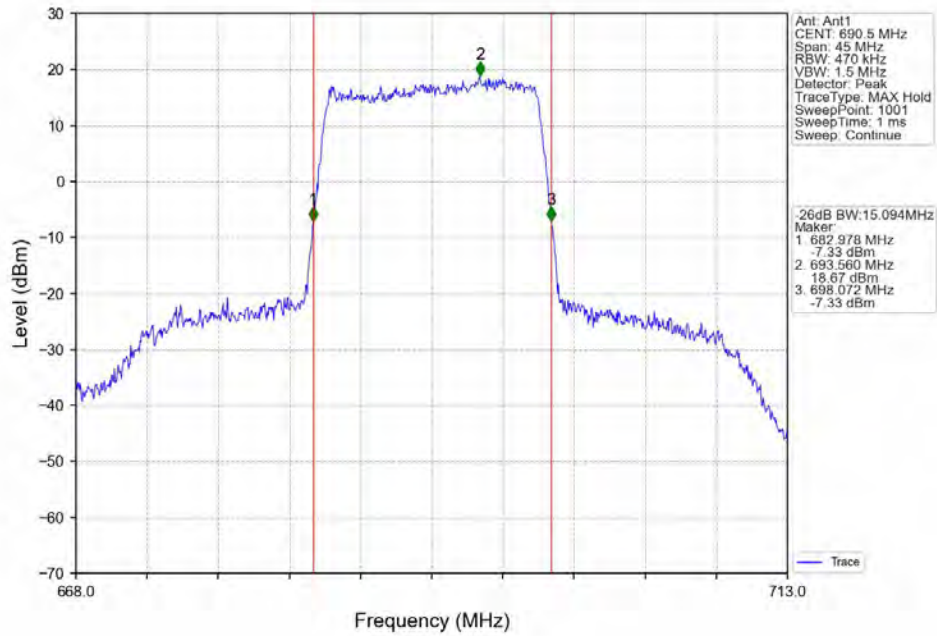
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



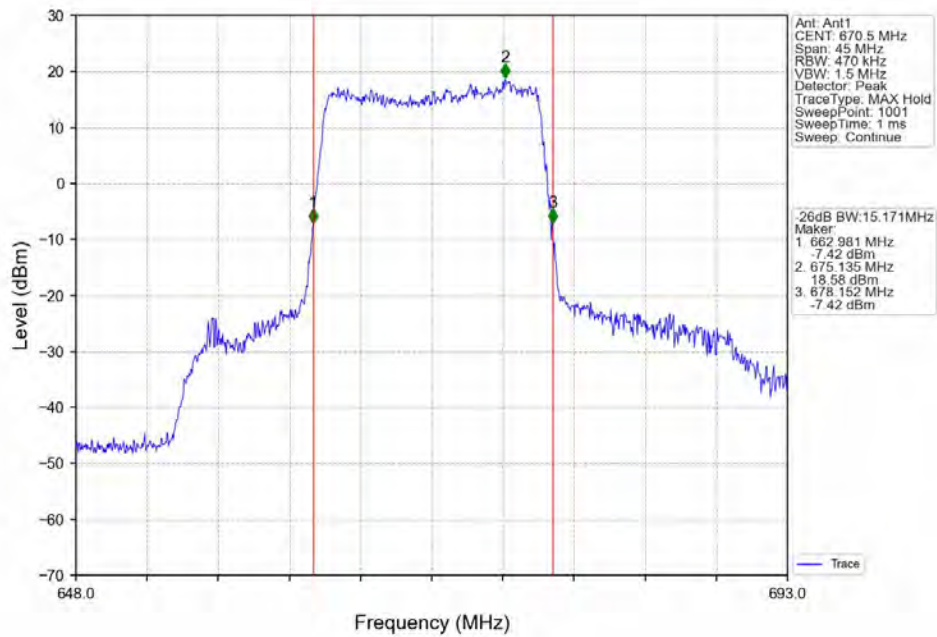
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



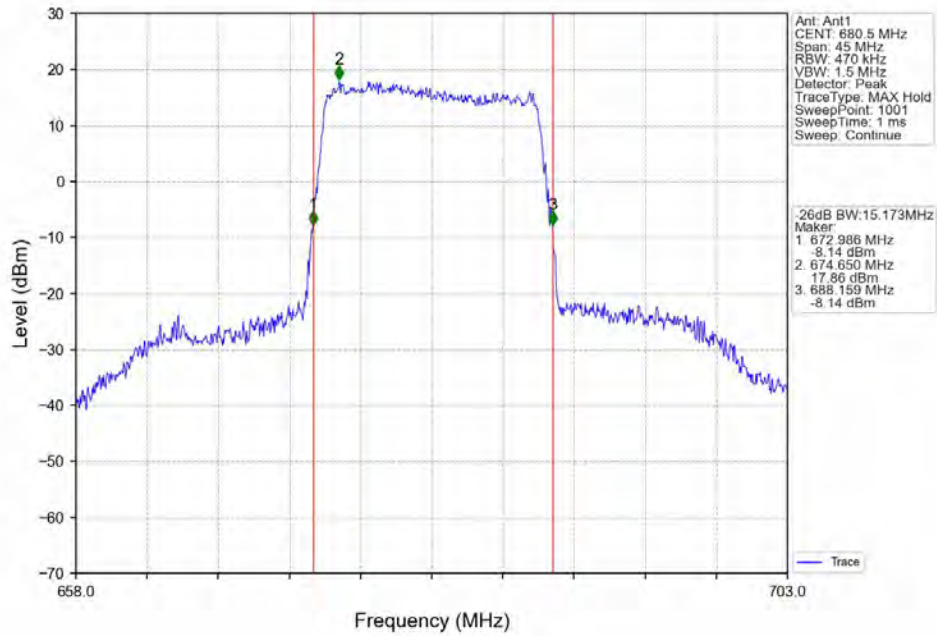
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



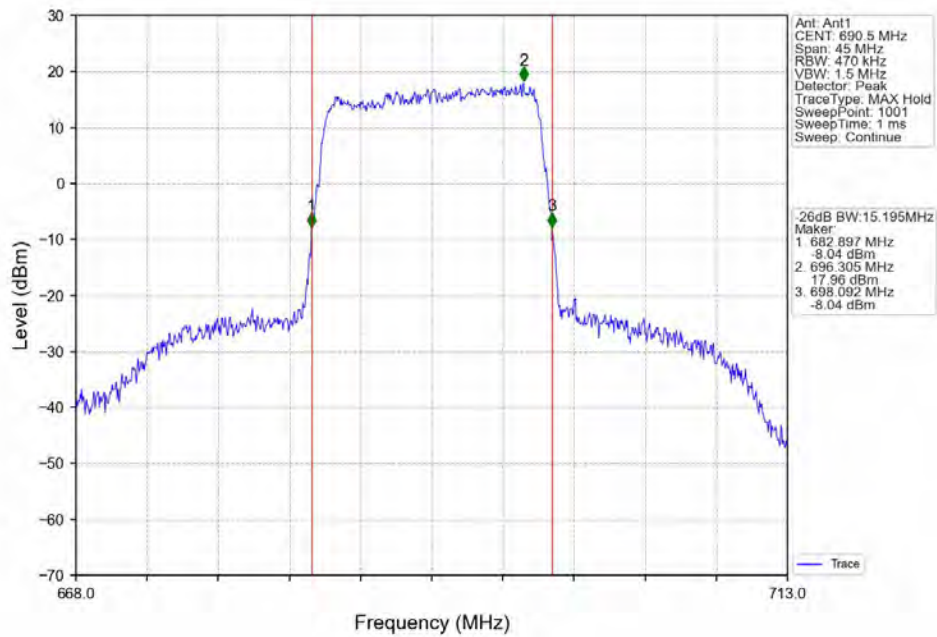
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



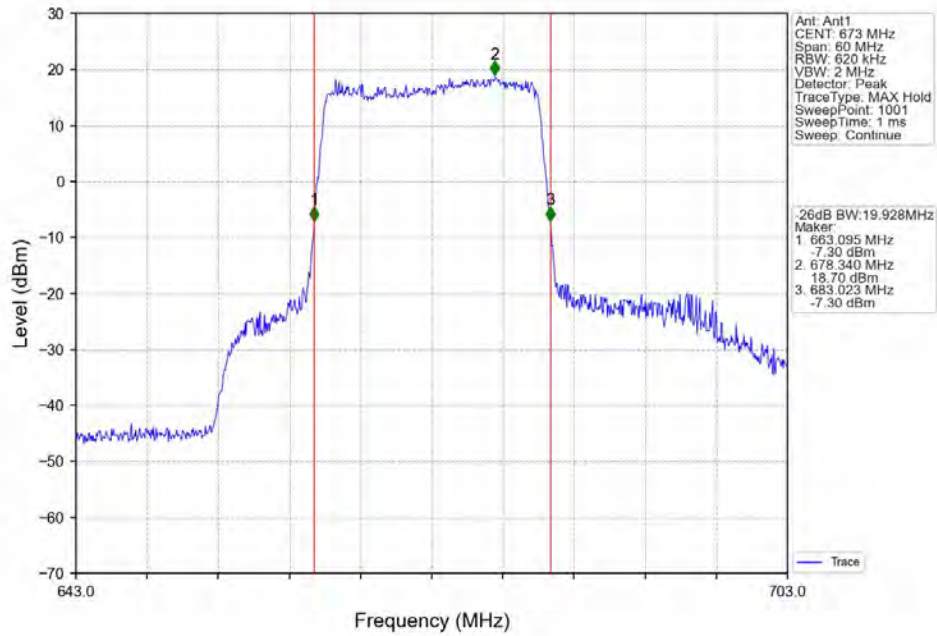
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



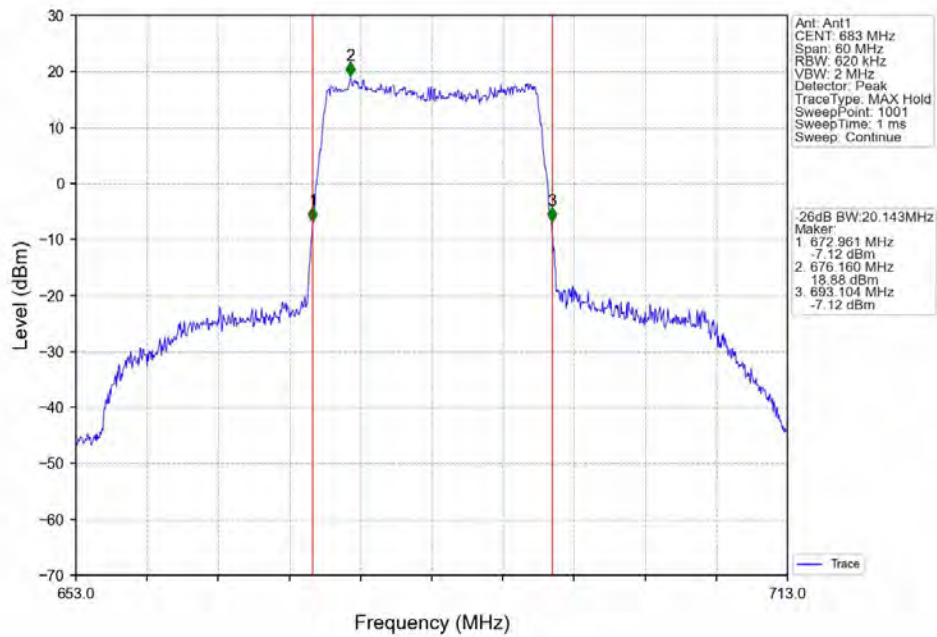
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



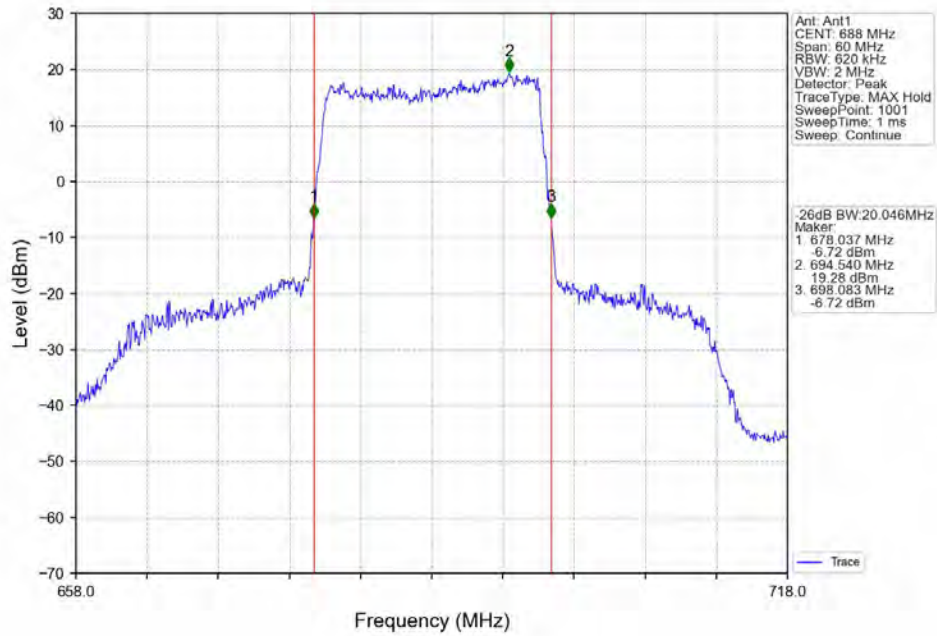
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



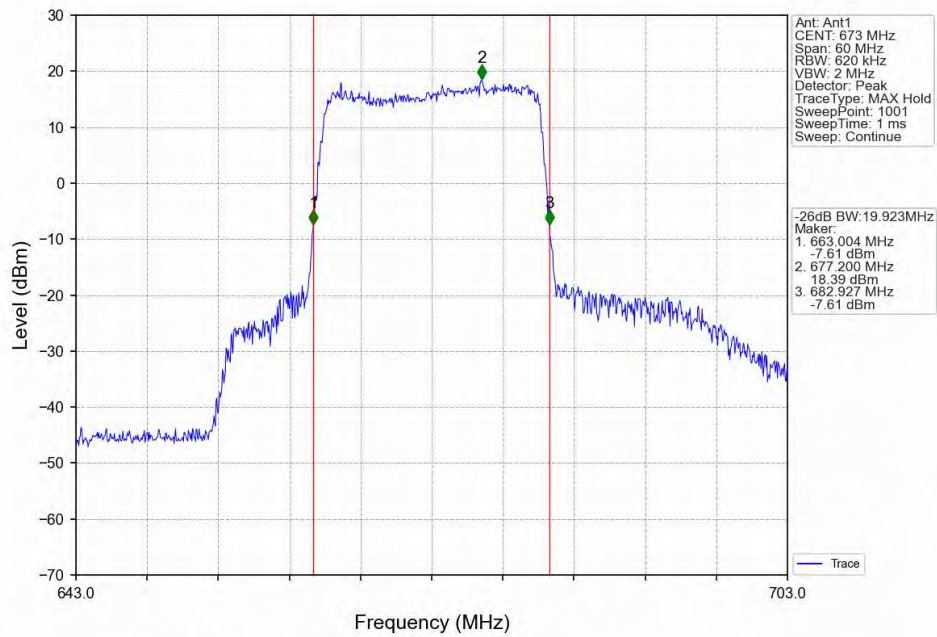
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



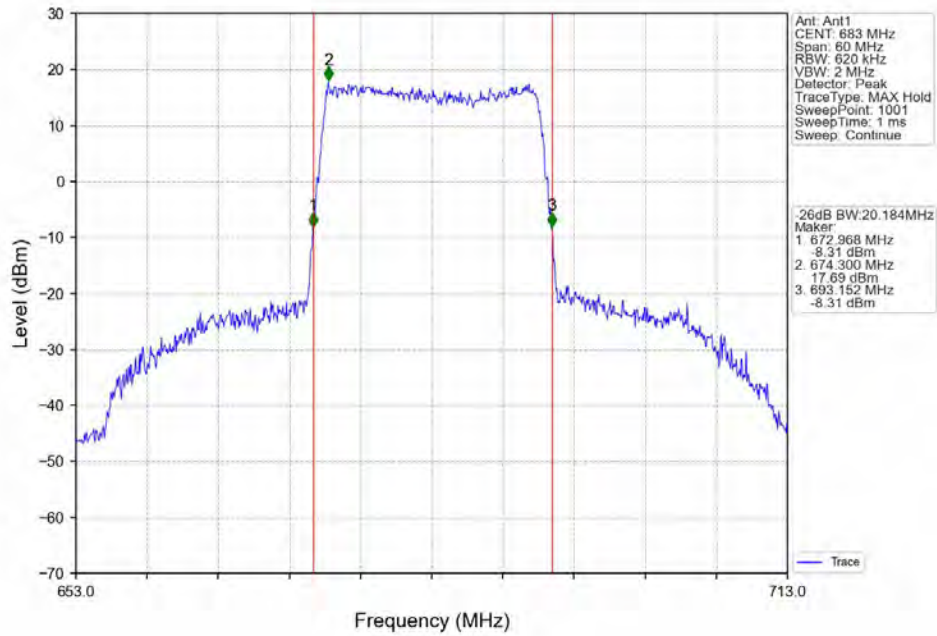
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



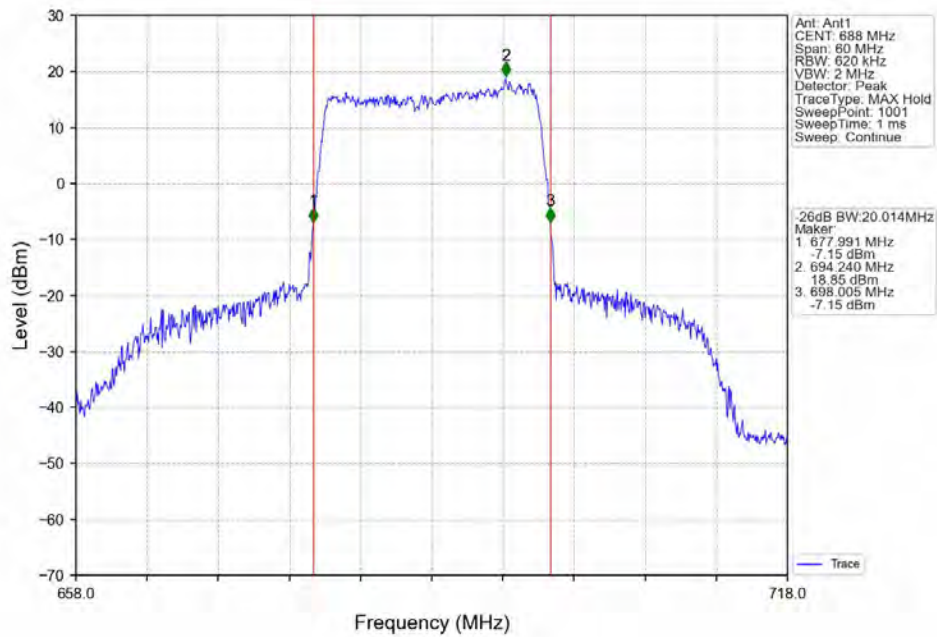
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



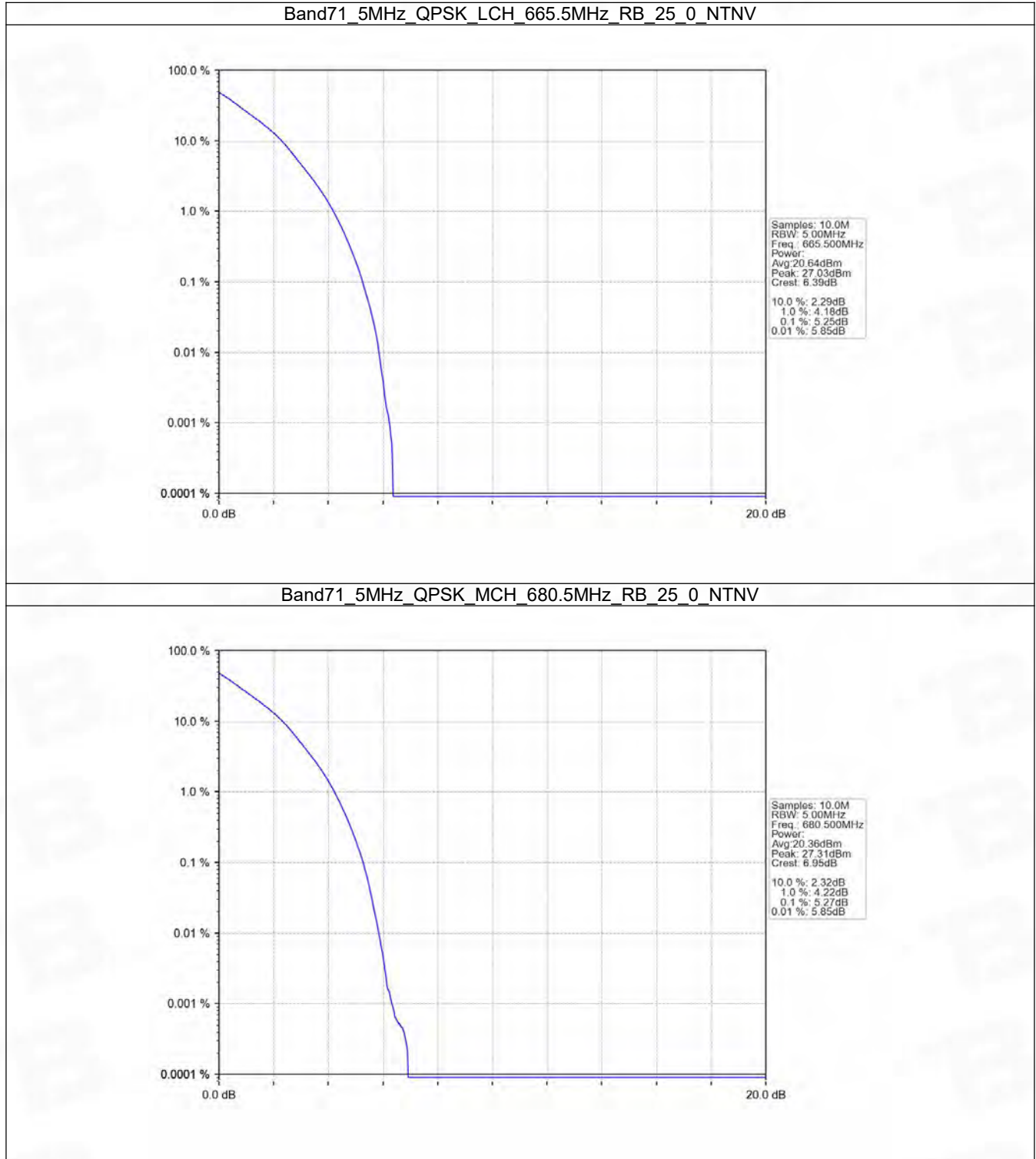
5. Peak-Average Ratio

5.1 B71_5MHz

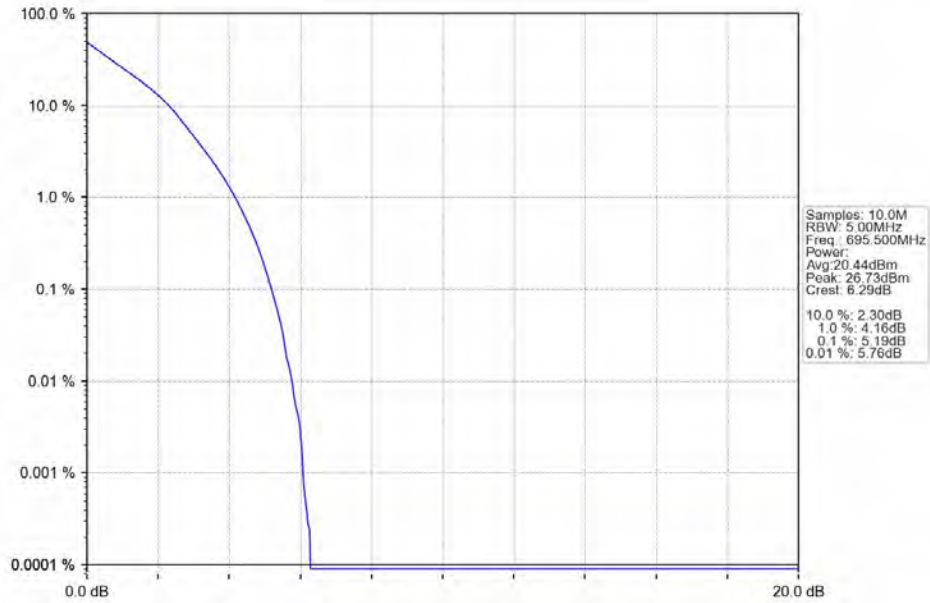
5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.25	<=13	Pass
	680.5	25	0	5.27	<=13	Pass
	695.5	25	0	5.19	<=13	Pass
16QAM	665.5	25	0	5.96	<=13	Pass
	680.5	25	0	5.96	<=13	Pass
	695.5	25	0	5.88	<=13	Pass

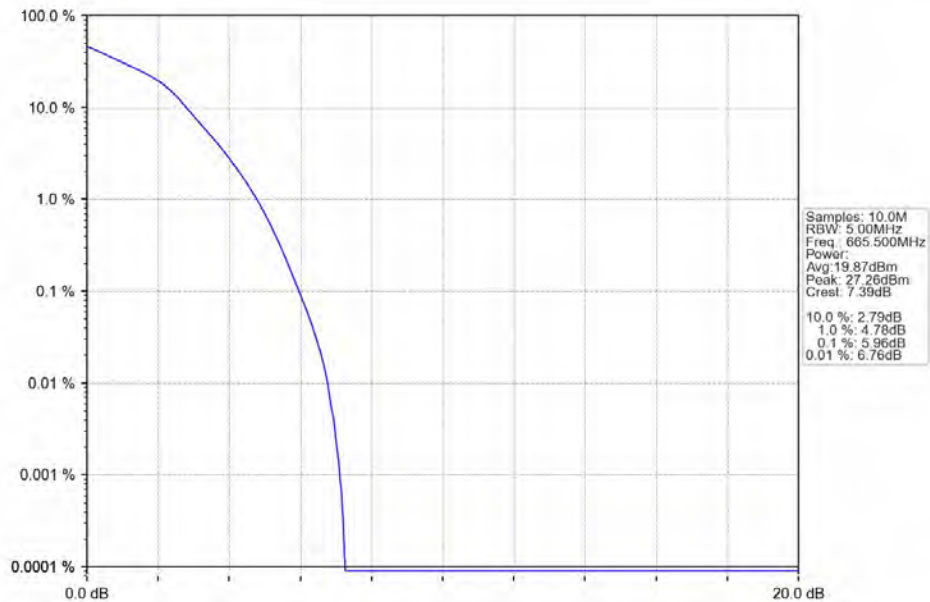
5.1.2 Test Graph



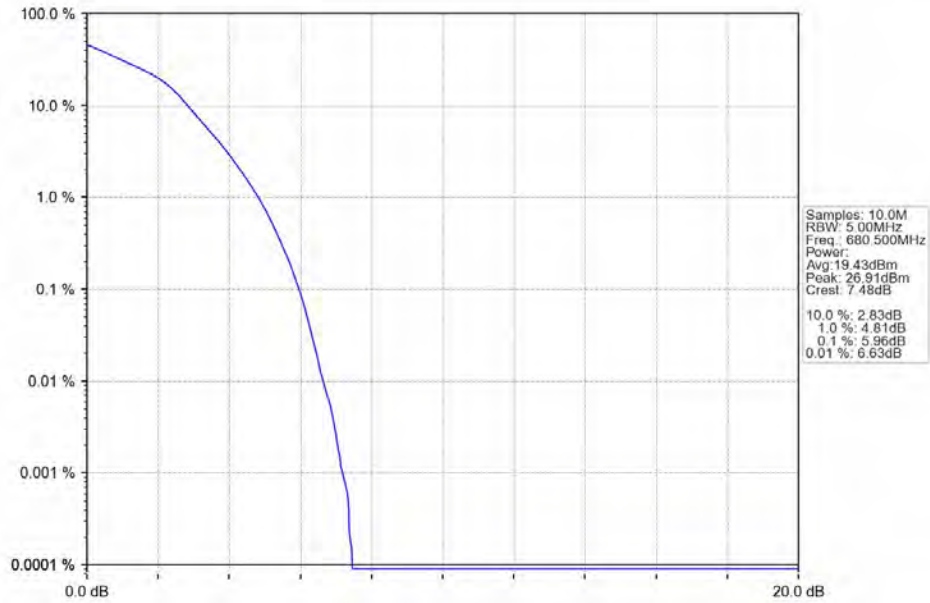
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



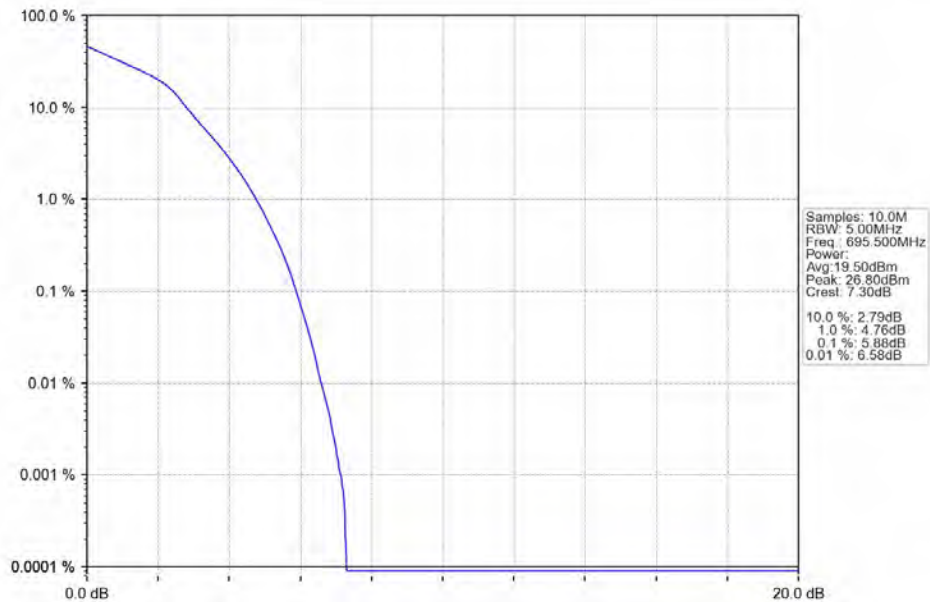
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV

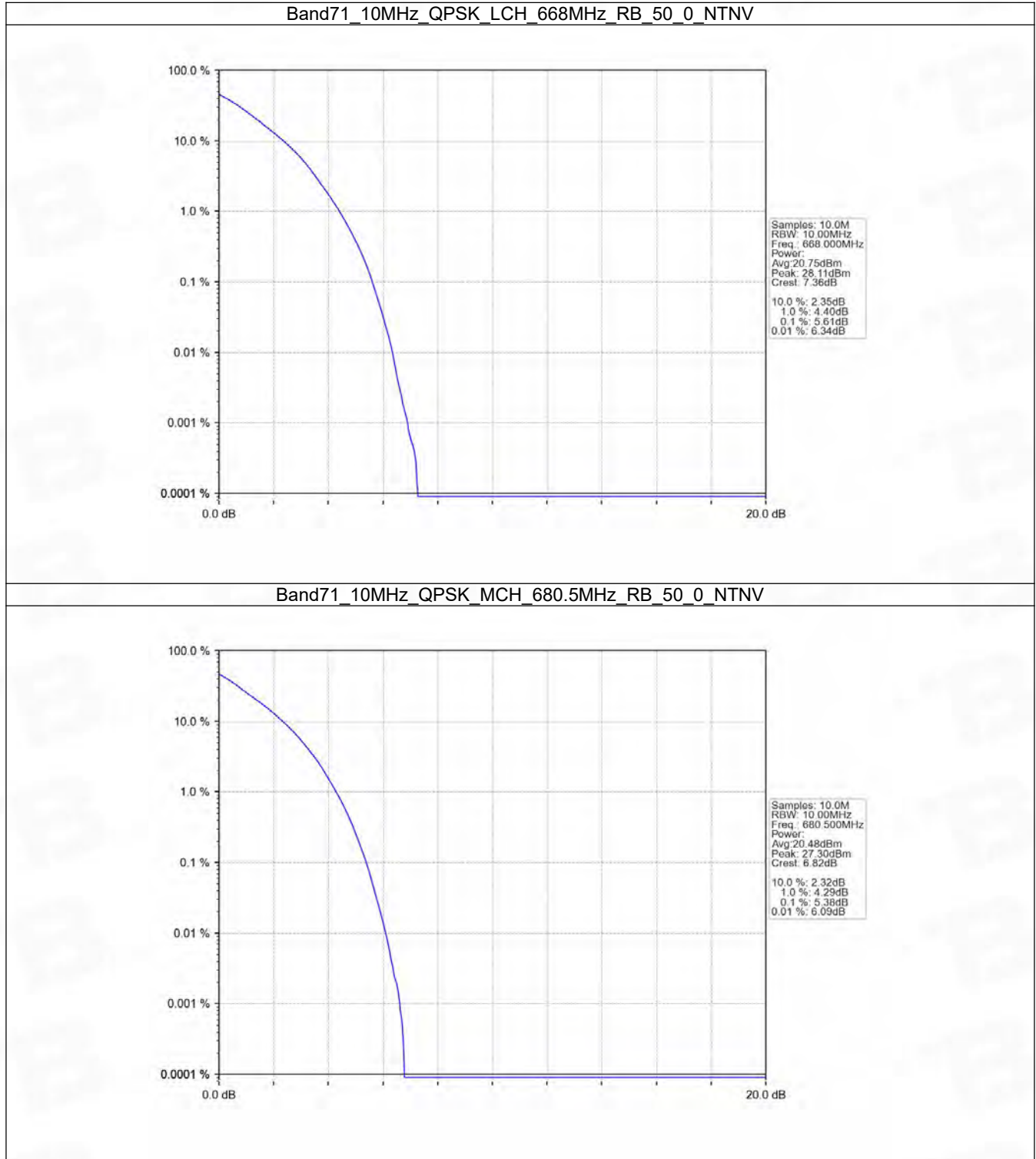


5.2 B71_10MHz

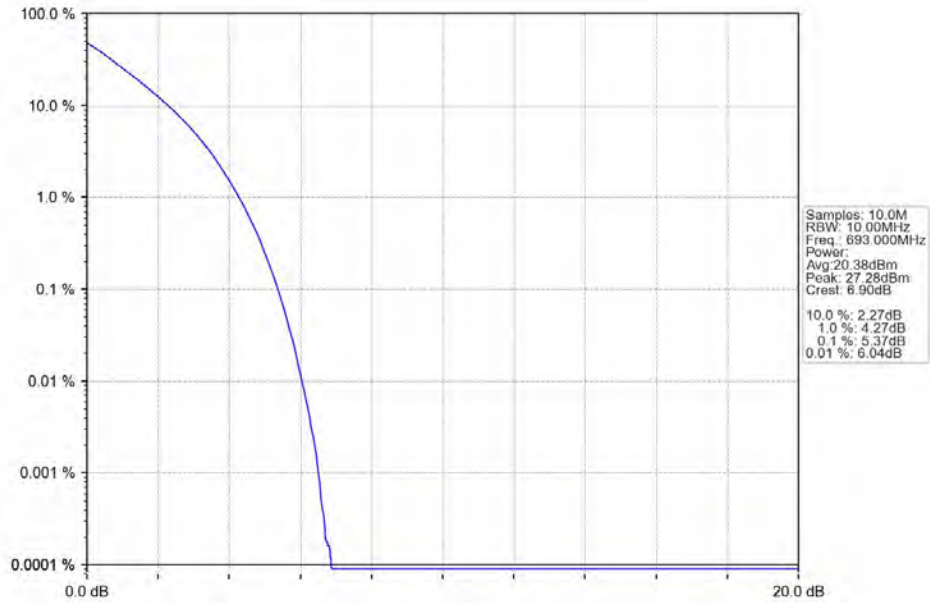
5.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.61	<=13	Pass
	680.5	50	0	5.38	<=13	Pass
	693	50	0	5.37	<=13	Pass
16QAM	668	50	0	5.62	<=13	Pass
	680.5	50	0	5.39	<=13	Pass
	693	50	0	5.35	<=13	Pass

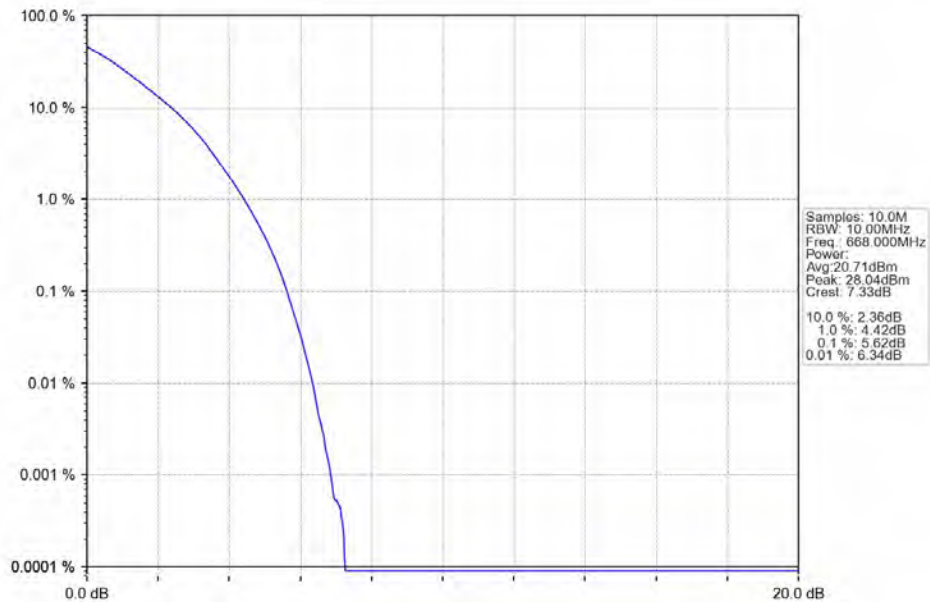
5.2.2 Test Graph



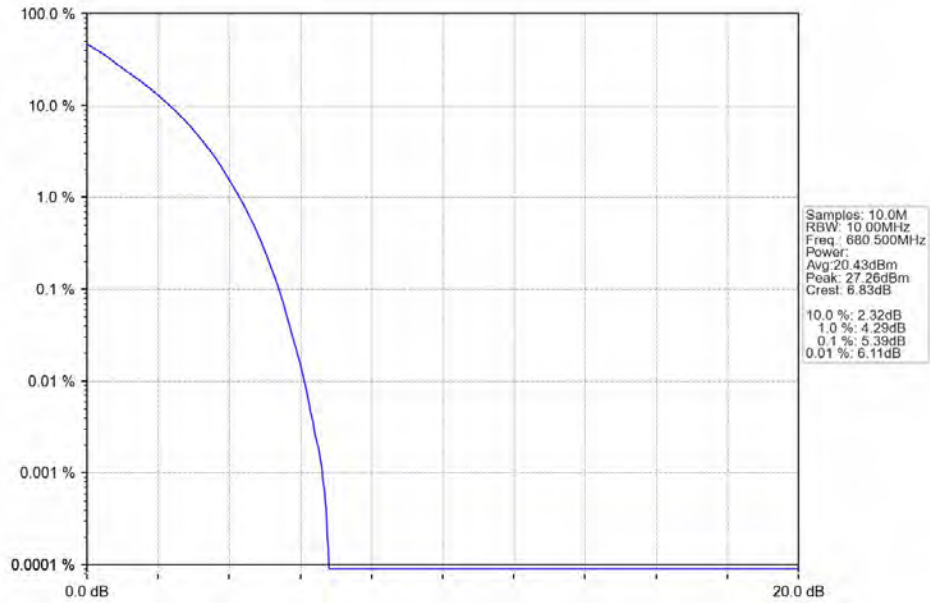
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



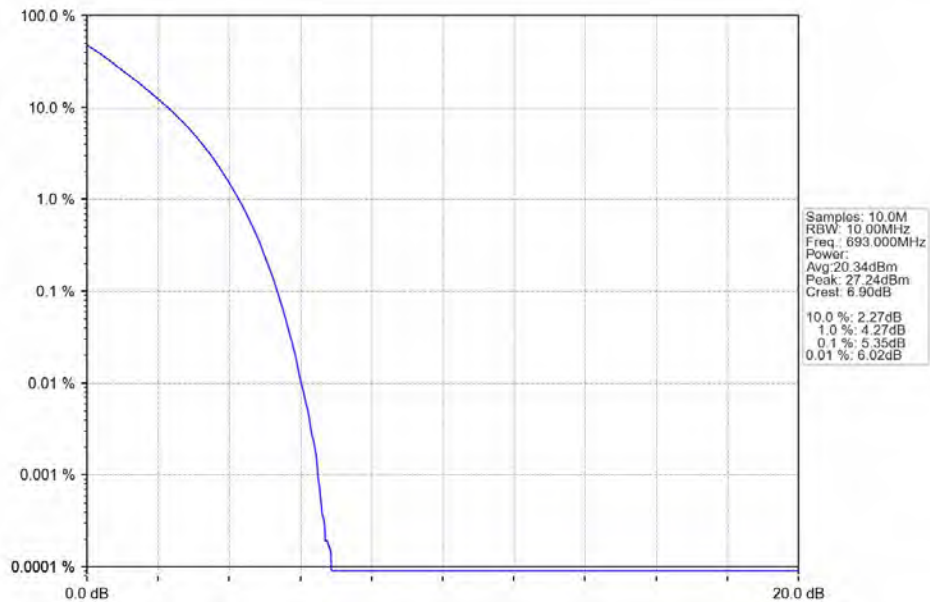
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV

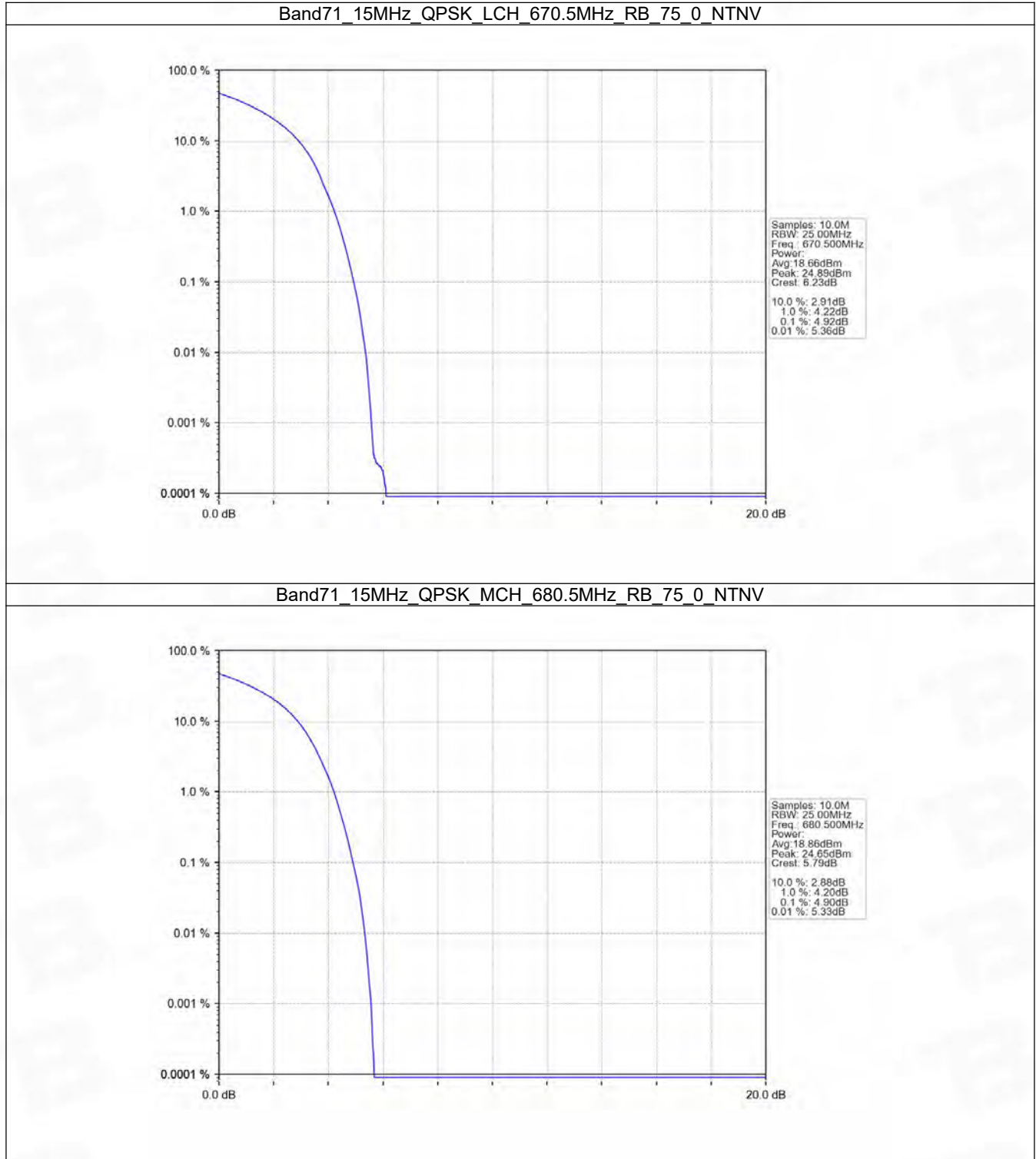


5.3 B71_15MHz

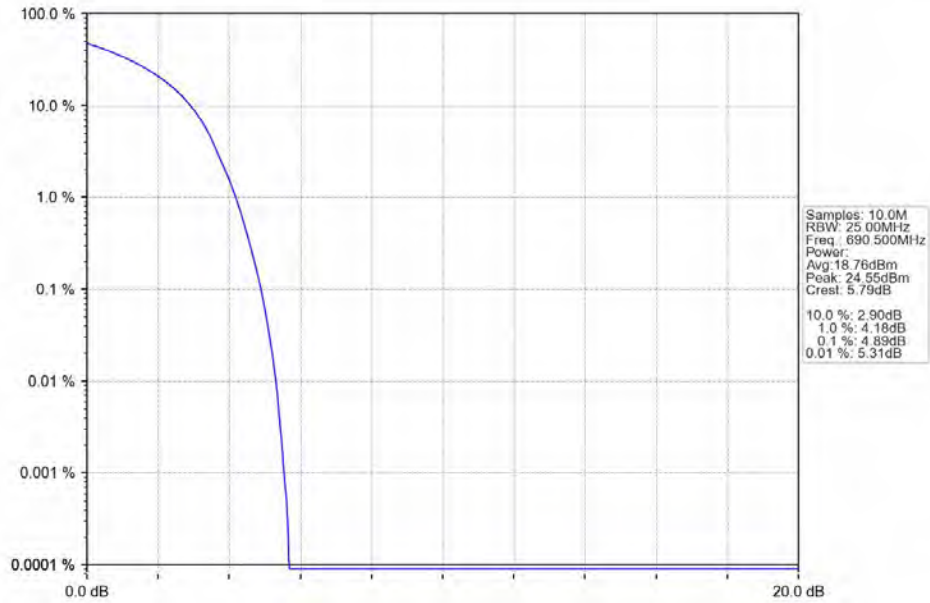
5.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	4.92	<=13	Pass
	680.5	75	0	4.90	<=13	Pass
	690.5	75	0	4.89	<=13	Pass
16QAM	670.5	75	0	6.13	<=13	Pass
	680.5	75	0	6.15	<=13	Pass
	690.5	75	0	6.09	<=13	Pass

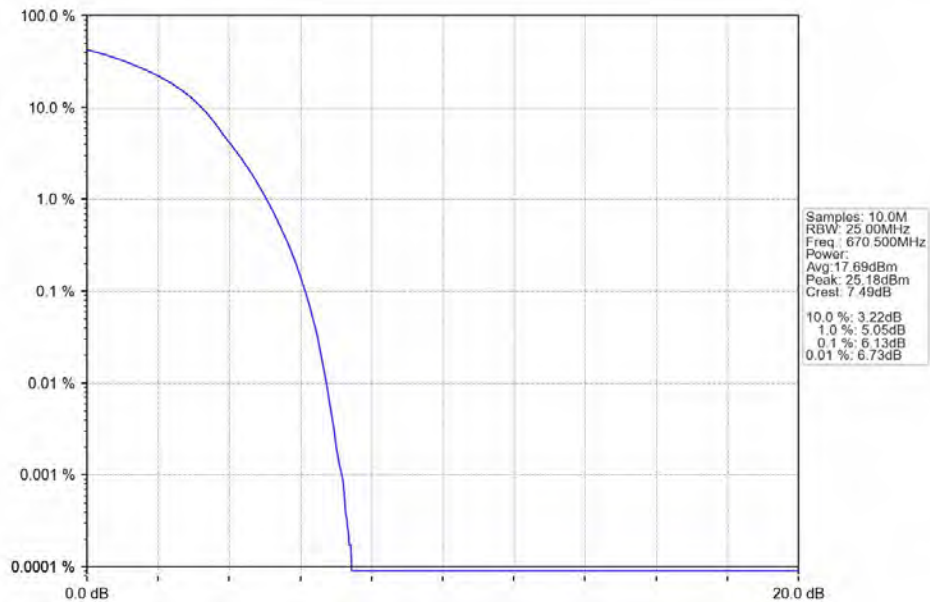
5.3.2 Test Graph



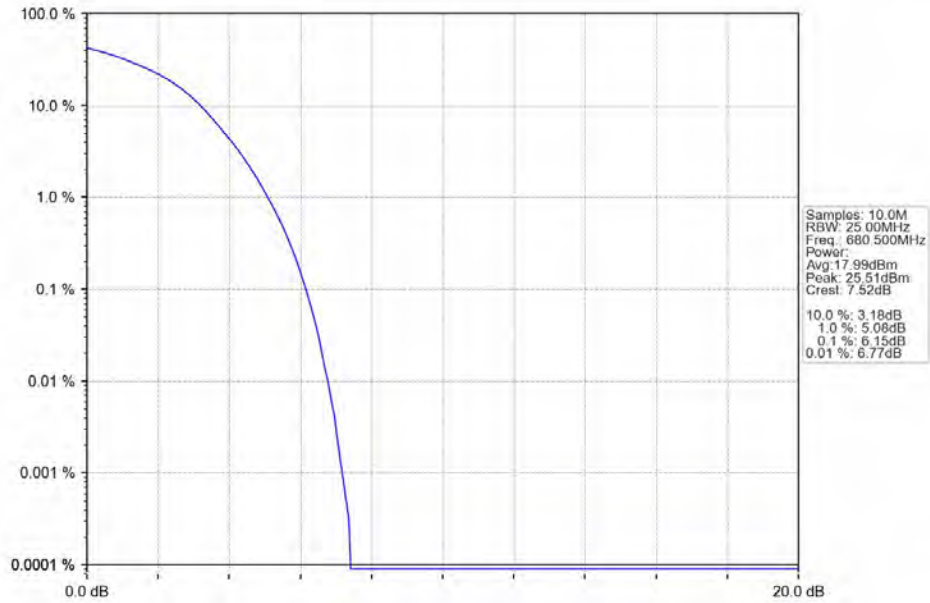
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



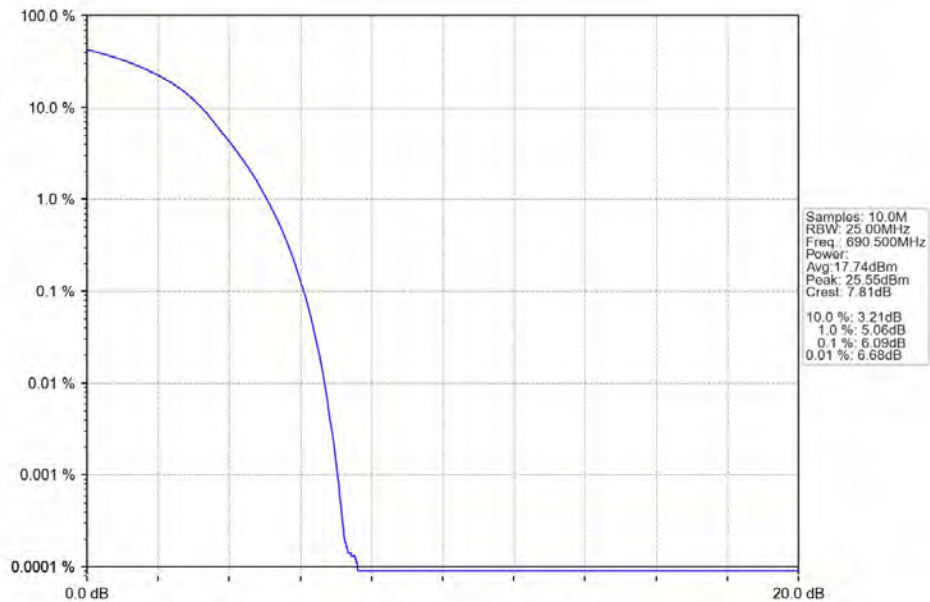
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV

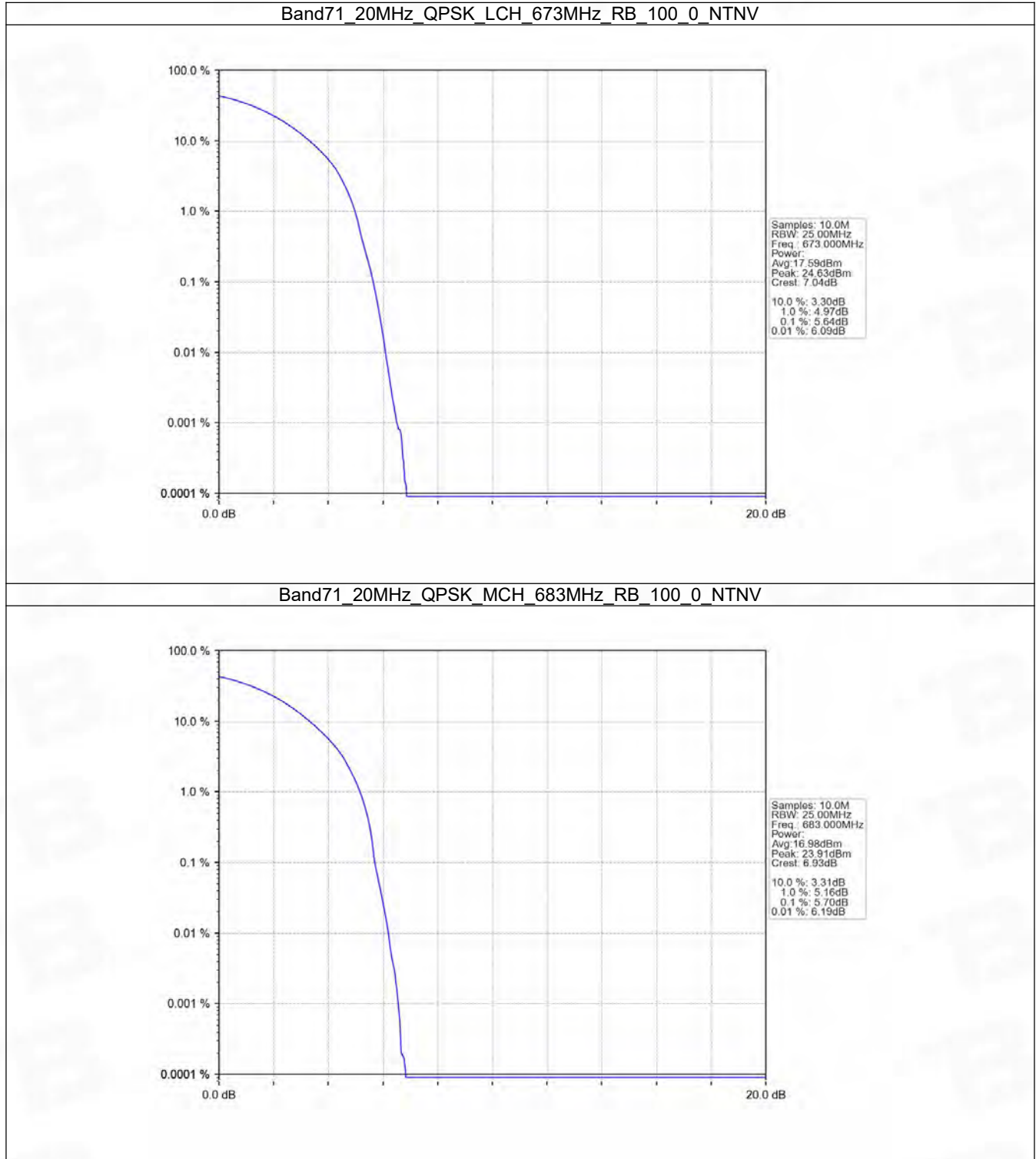


5.4 B71_20MHz

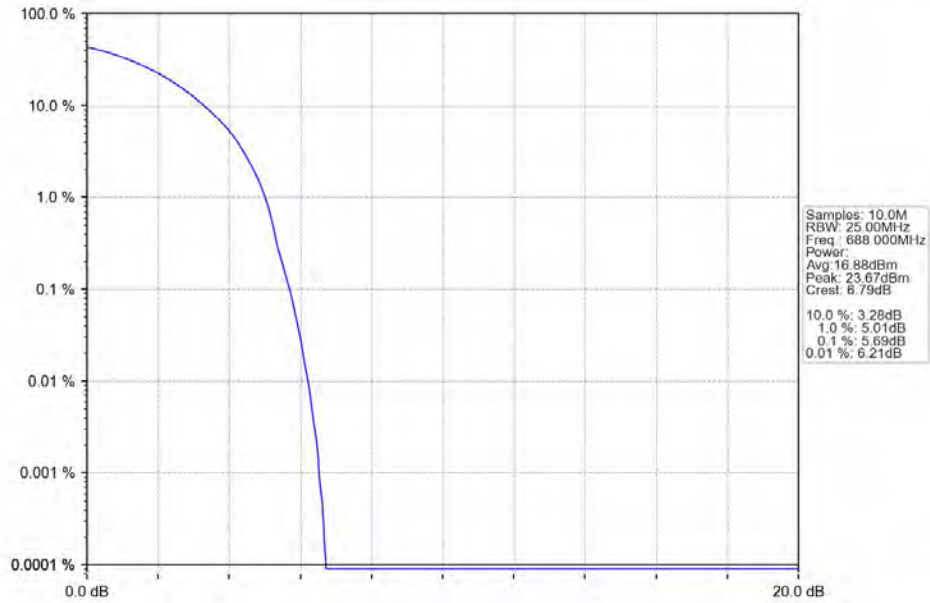
5.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.64	<=13	Pass
	683	100	0	5.70	<=13	Pass
	688	100	0	5.69	<=13	Pass
16QAM	673	100	0	6.66	<=13	Pass
	683	100	0	6.71	<=13	Pass
	688	100	0	6.67	<=13	Pass

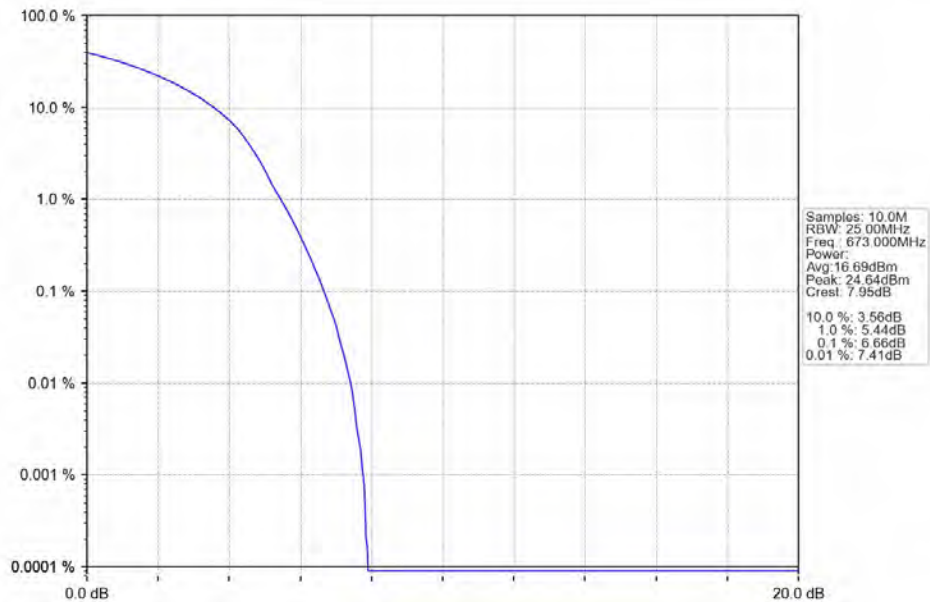
5.4.2 Test Graph



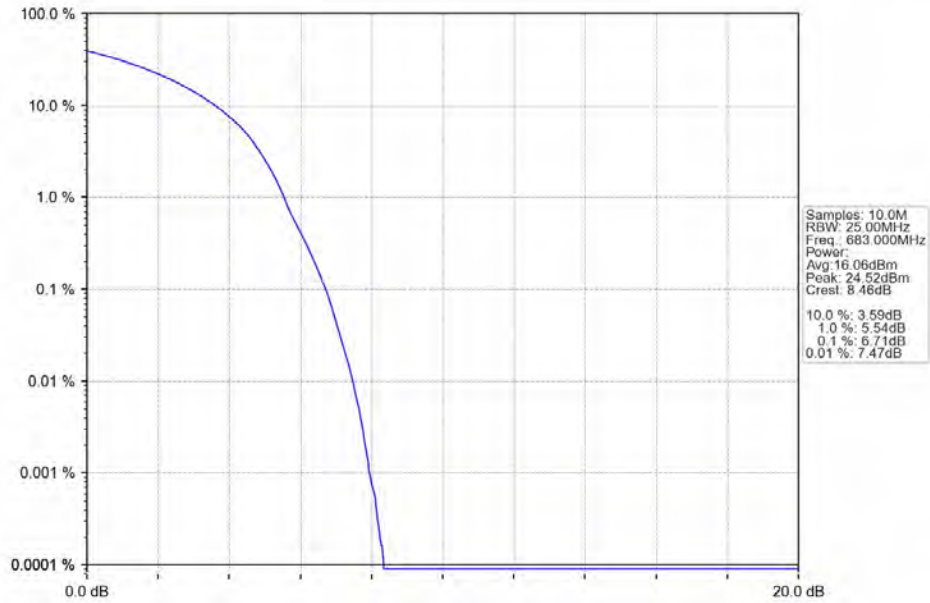
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



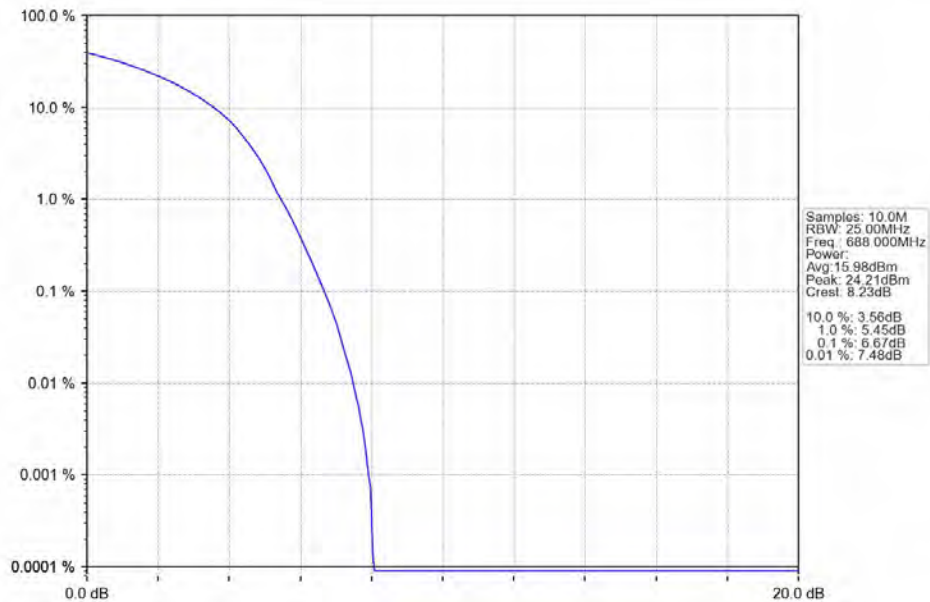
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



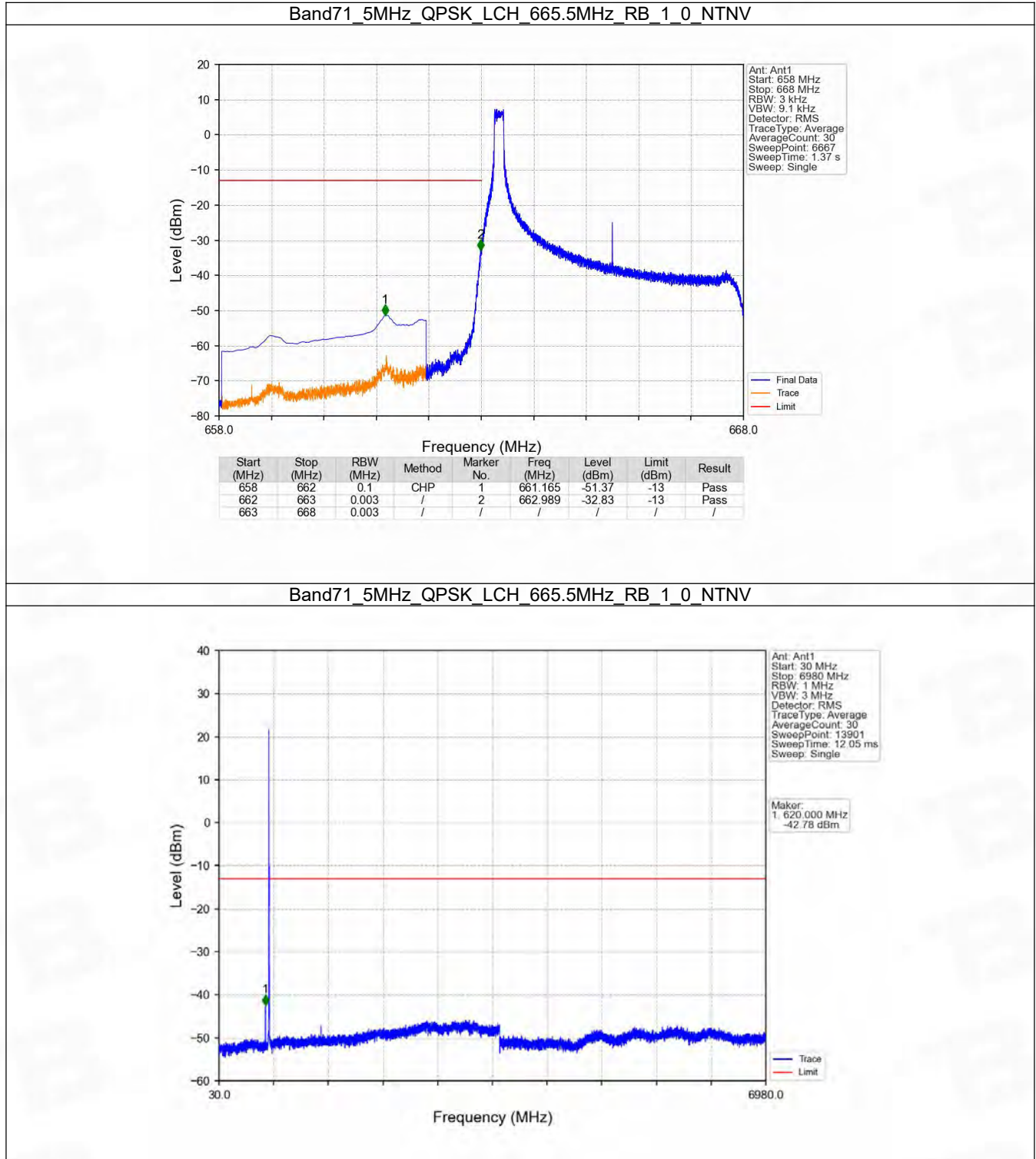
6. Spurious Emission

6.1 B71_5MHz

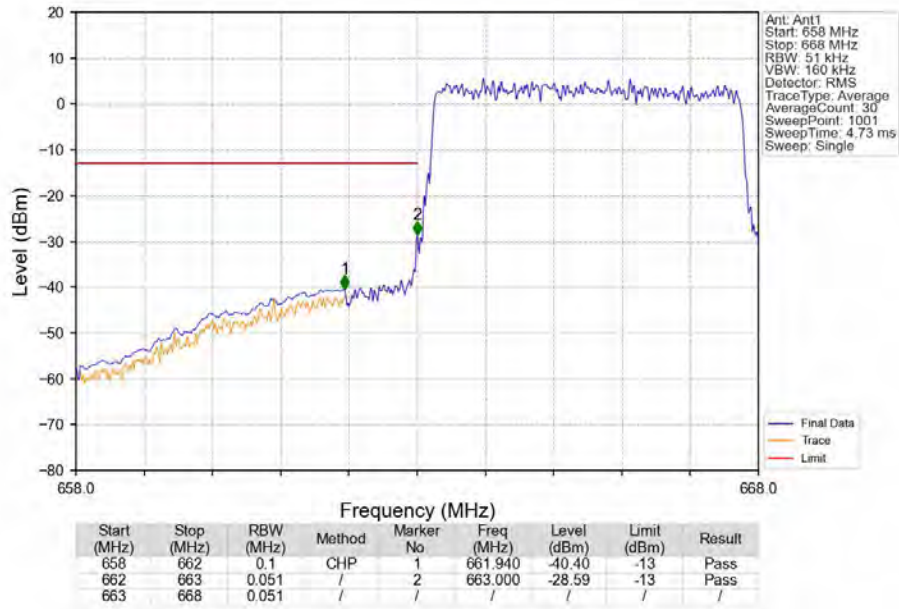
6.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / 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

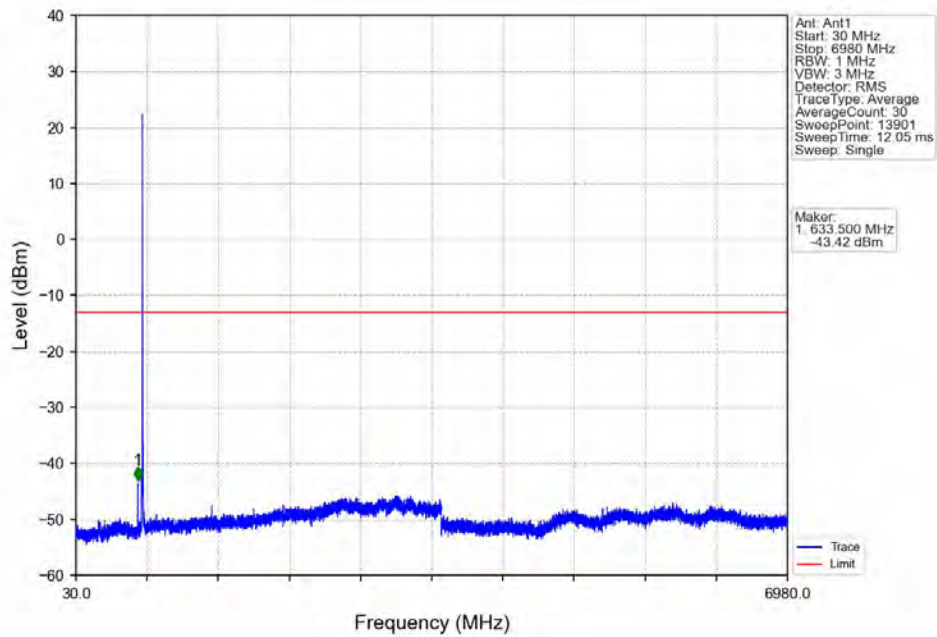
6.1.2 Test Graph



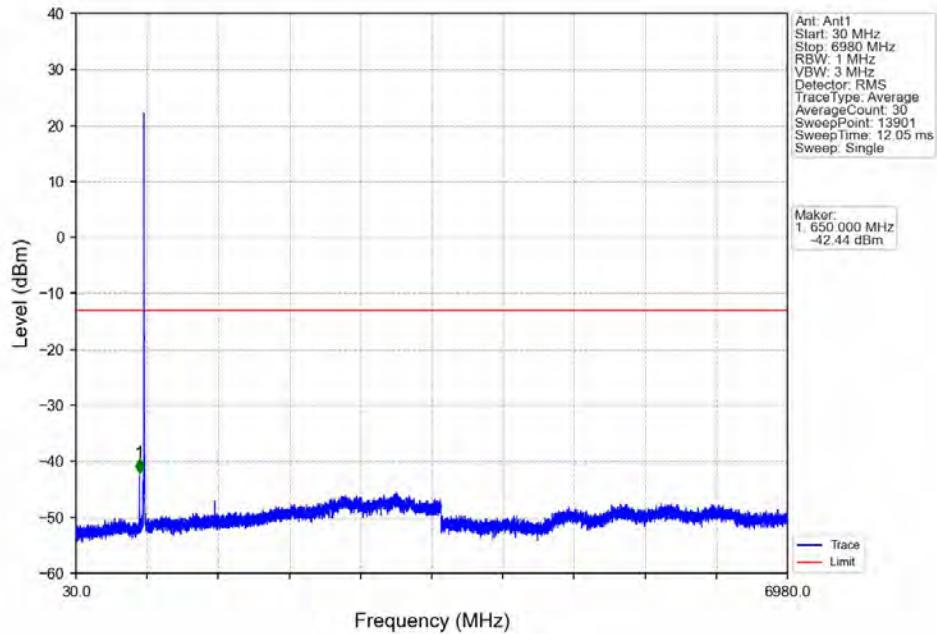
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



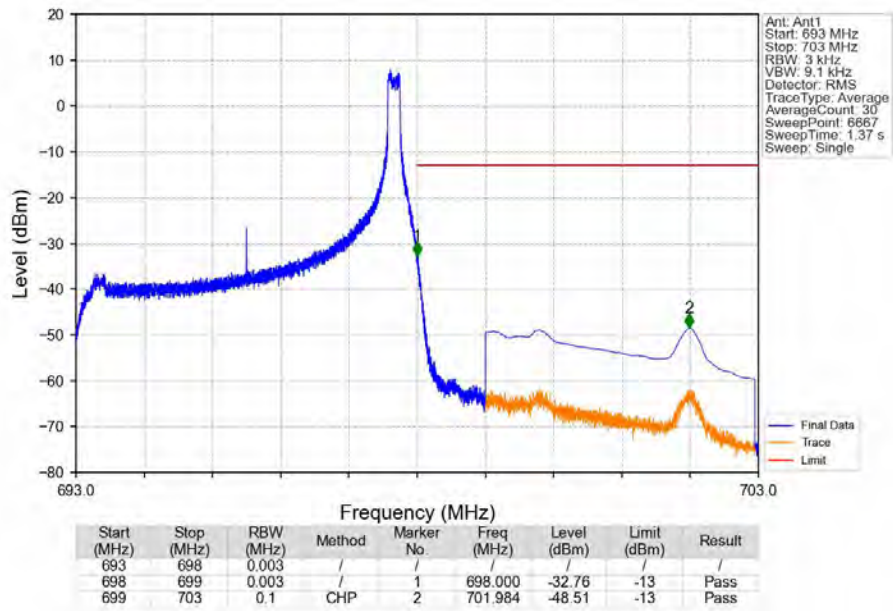
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



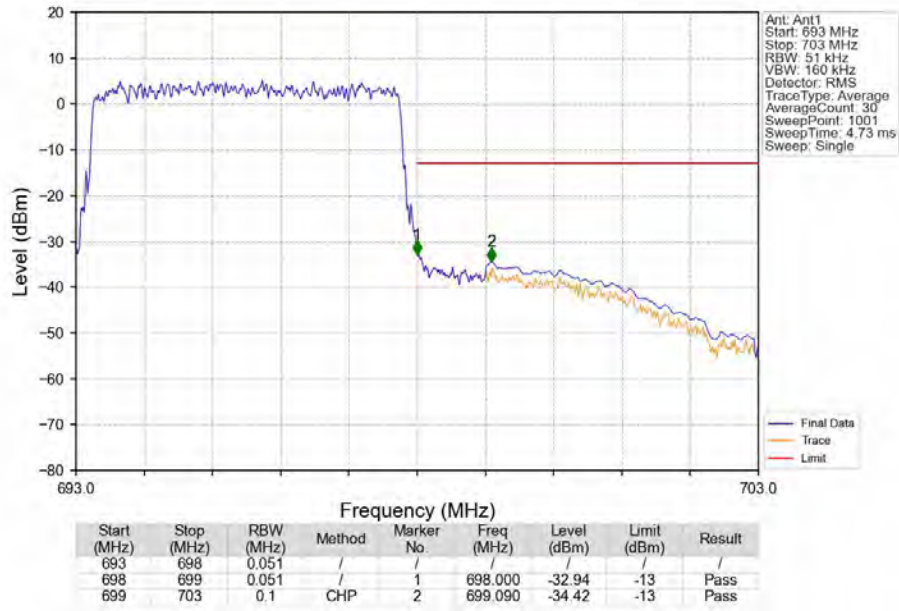
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV



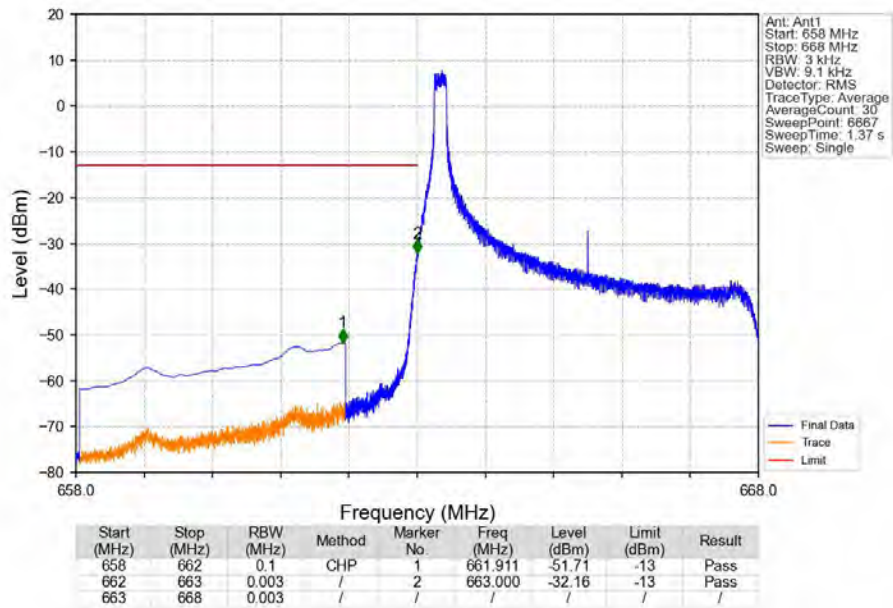
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



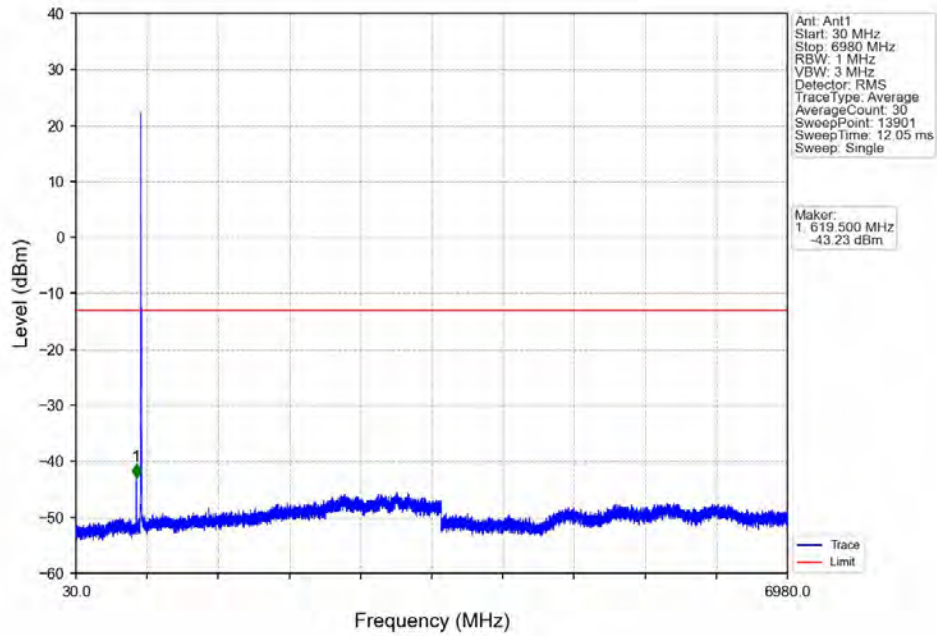
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



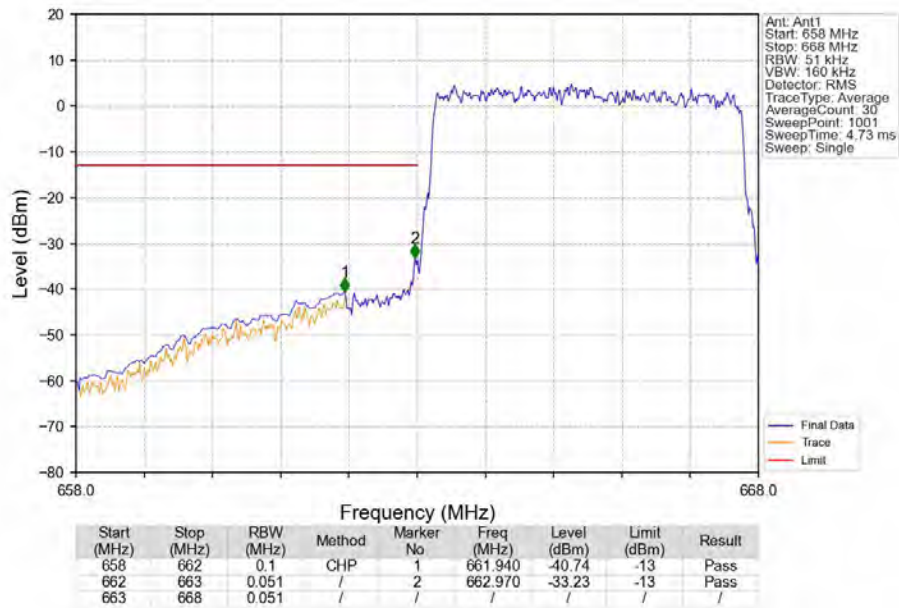
Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV



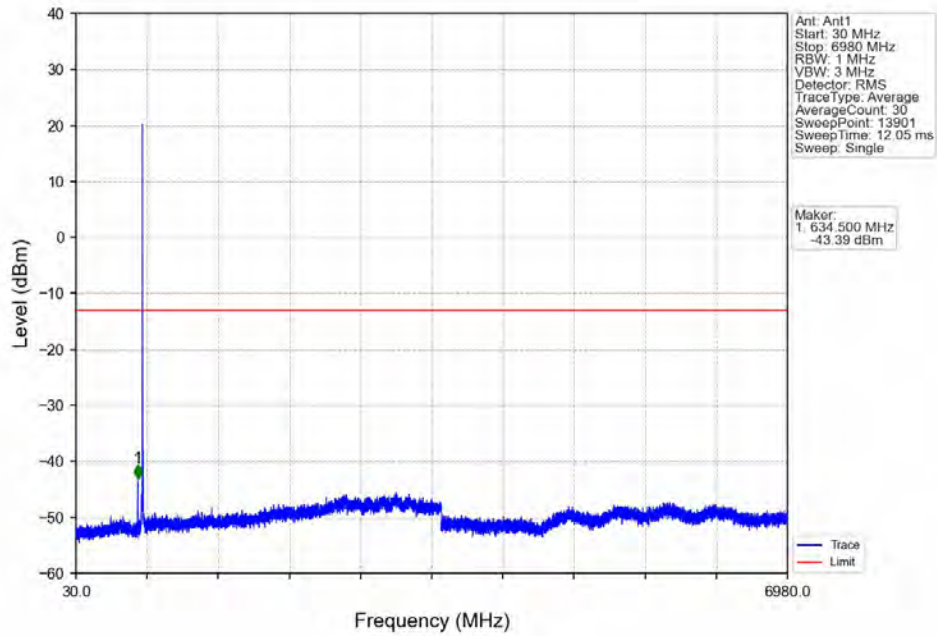
Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV



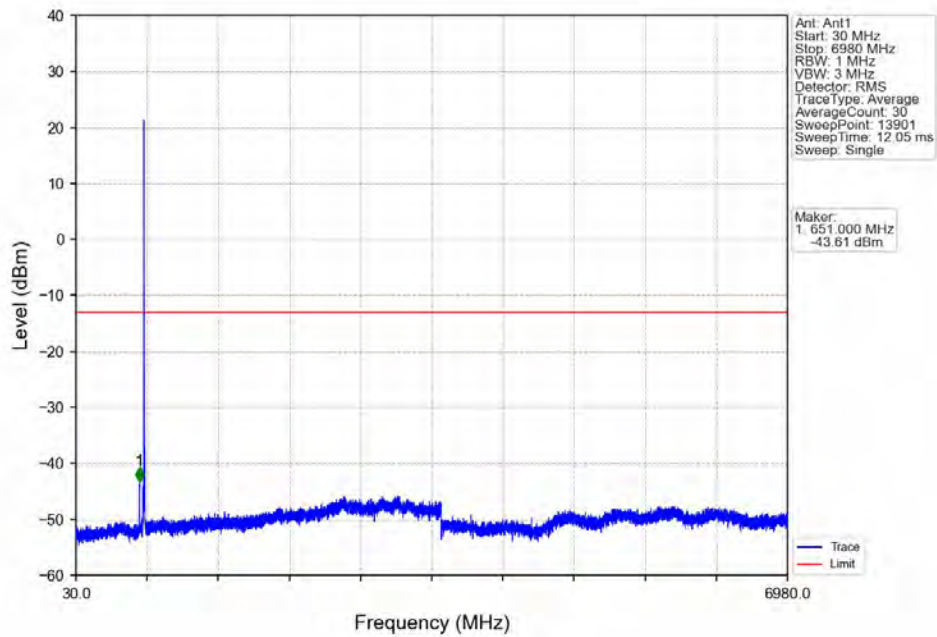
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



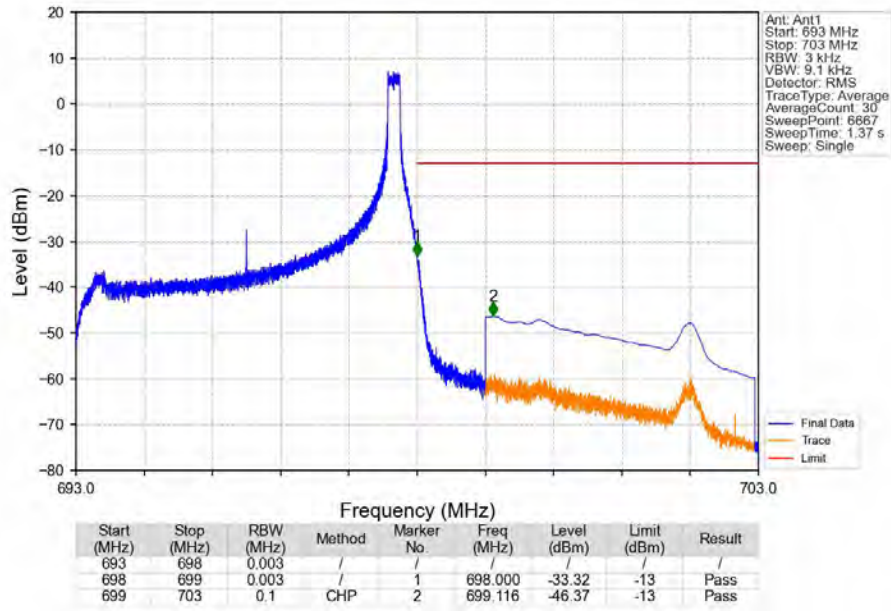
Band71_5MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



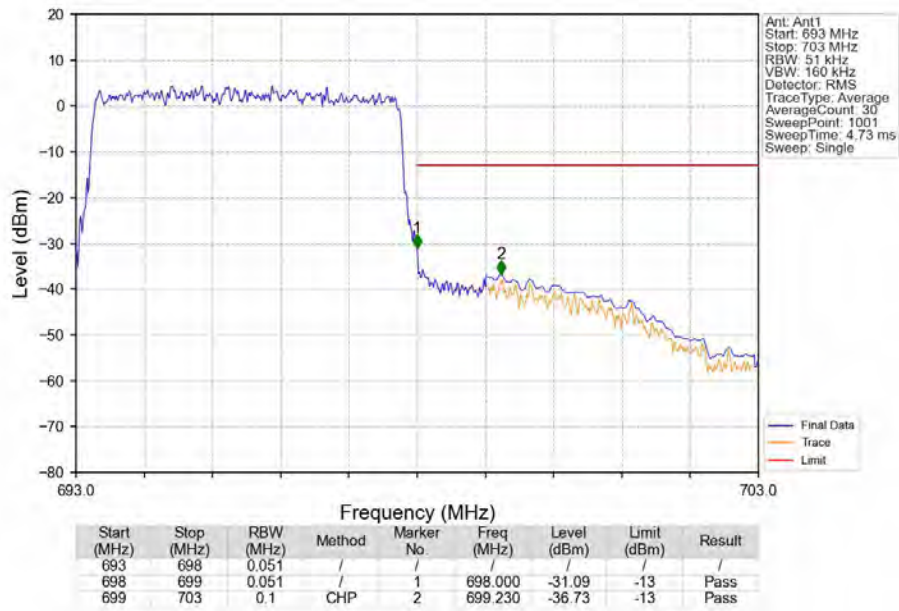
Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_0_NTNV



Band71 5MHz 16QAM HCH 695.5MHz RB 1 24 NTNV



Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV

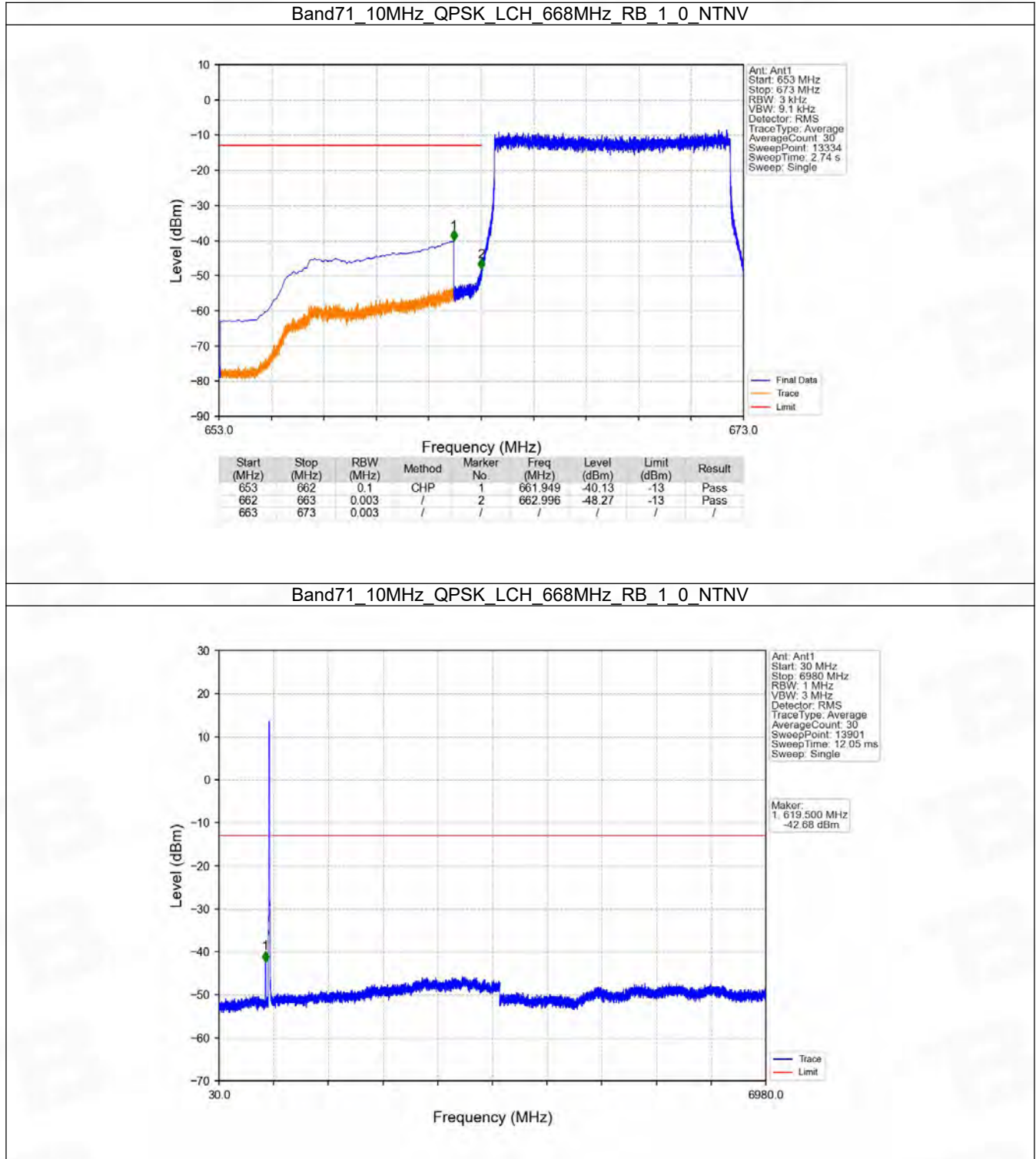


6.2 B71_10MHz

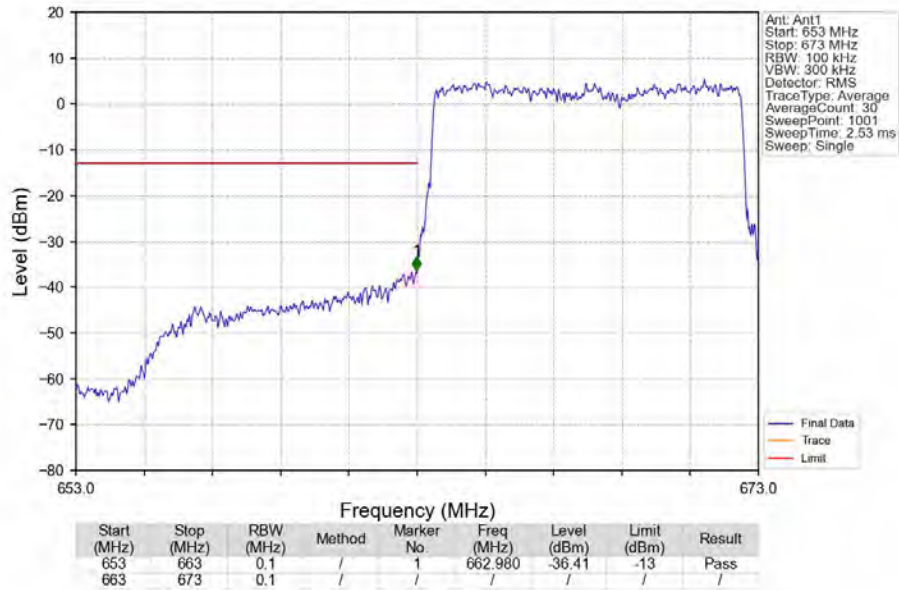
6.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTV						
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
	693	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
	693	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

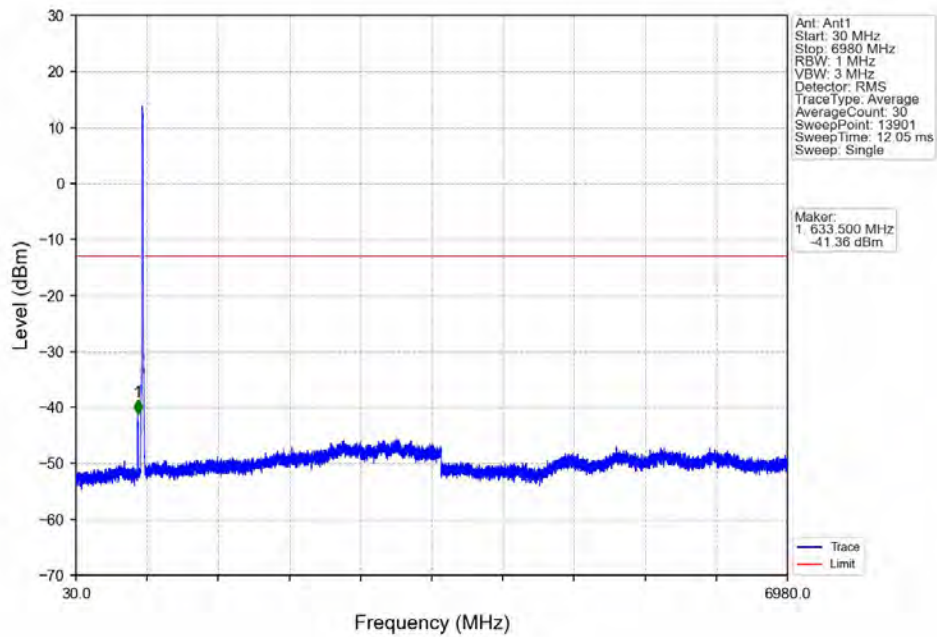
6.2.2 Test Graph



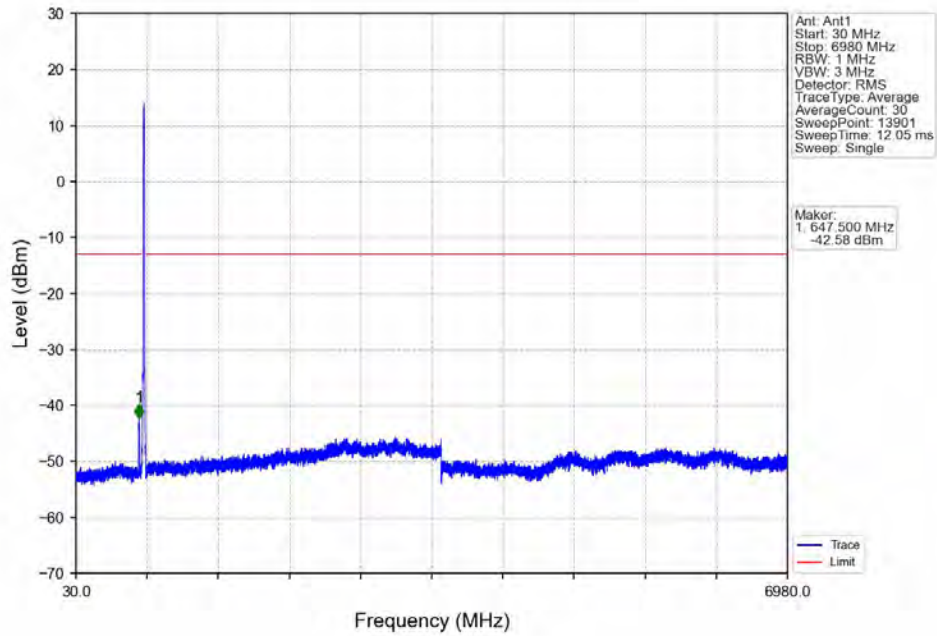
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



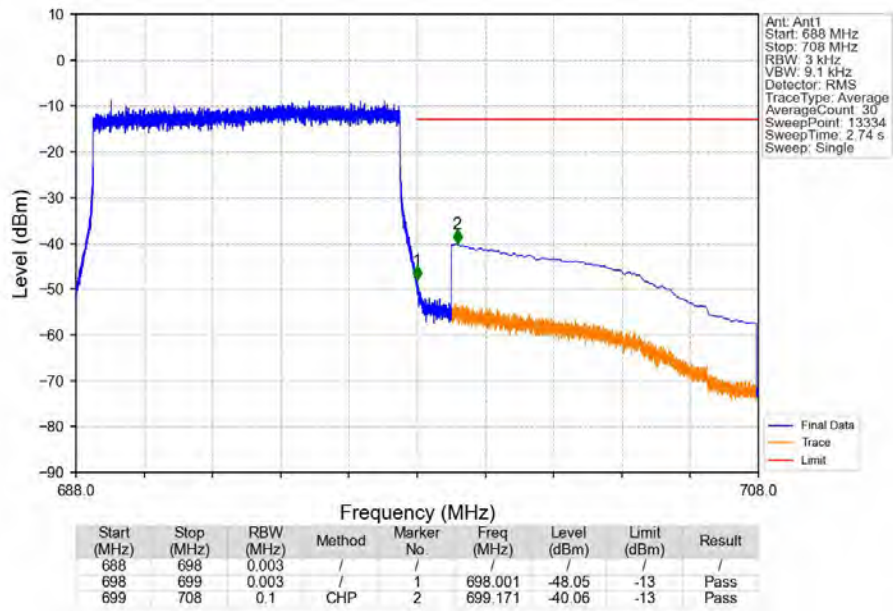
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



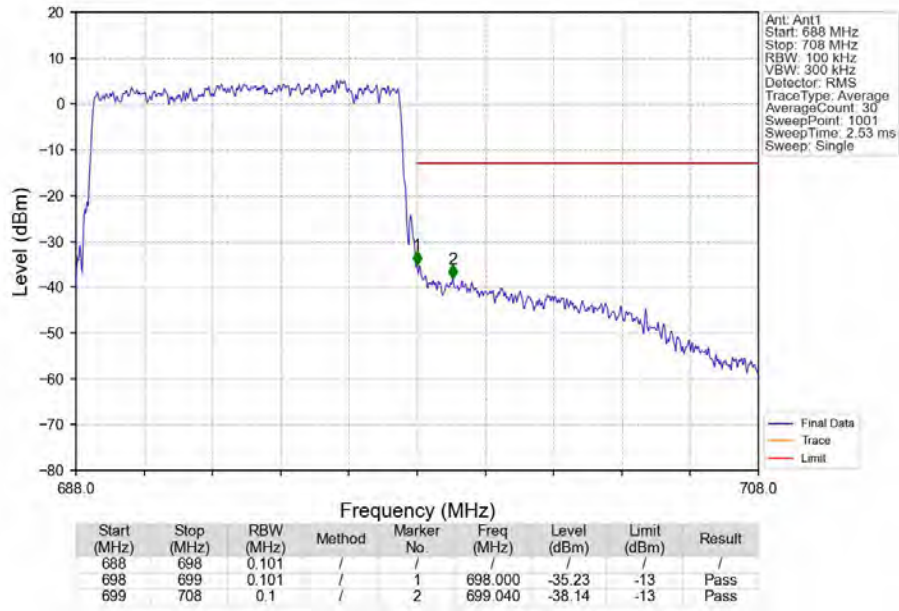
Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV



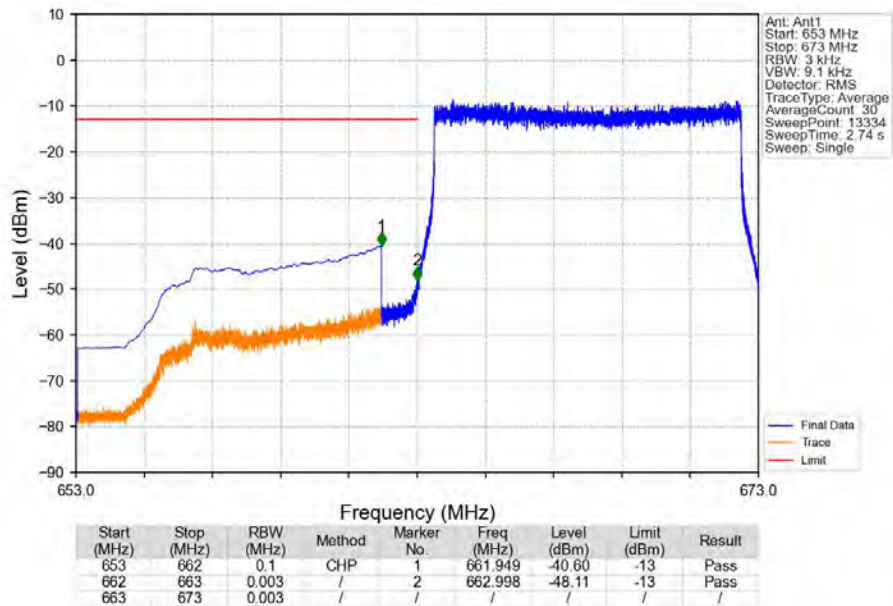
Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



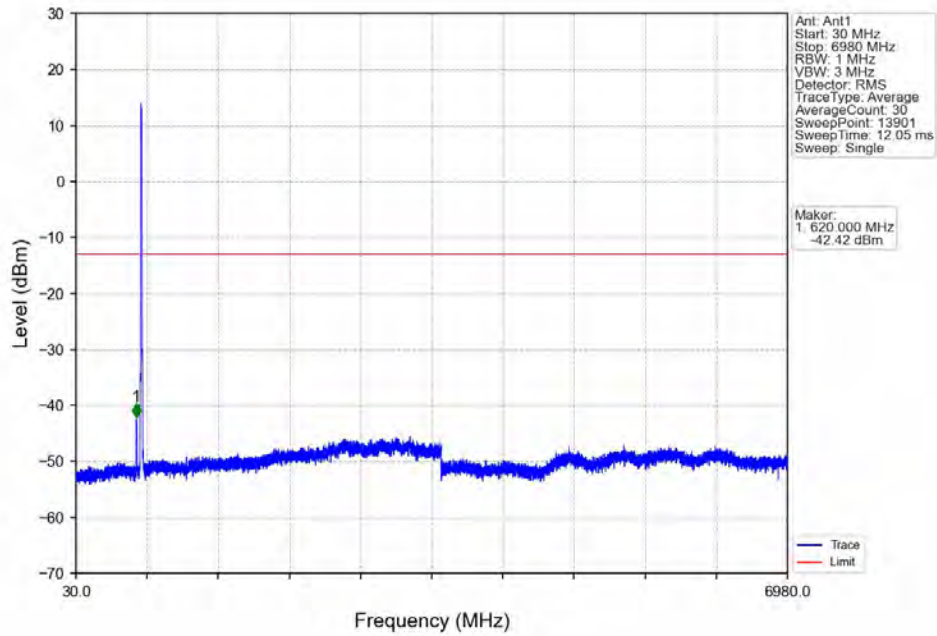
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



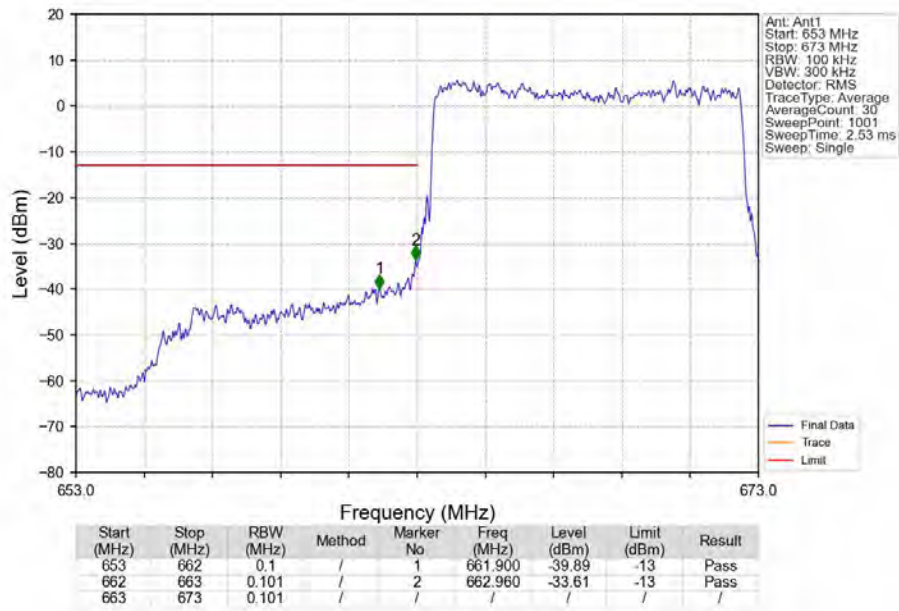
Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV



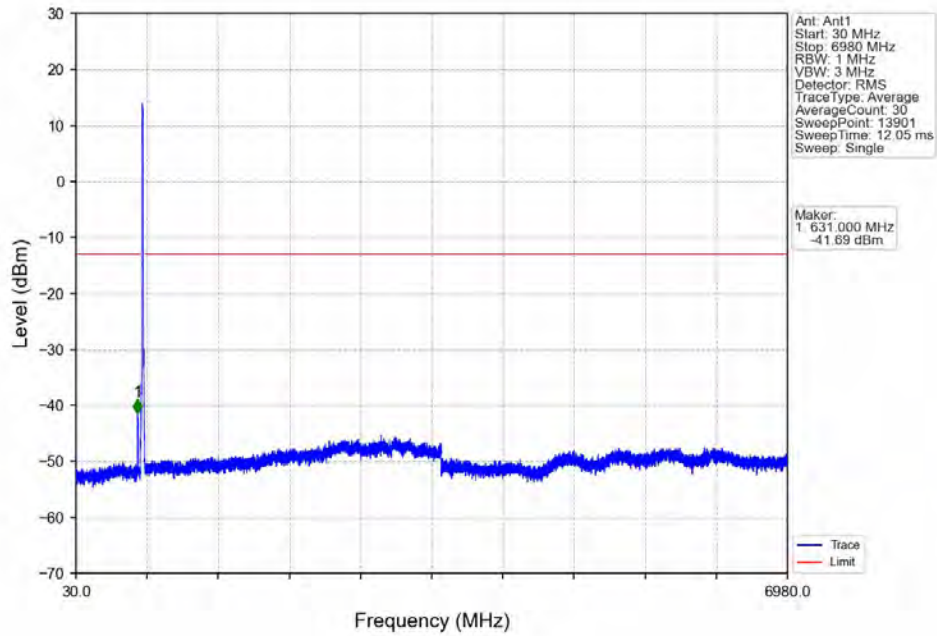
Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV



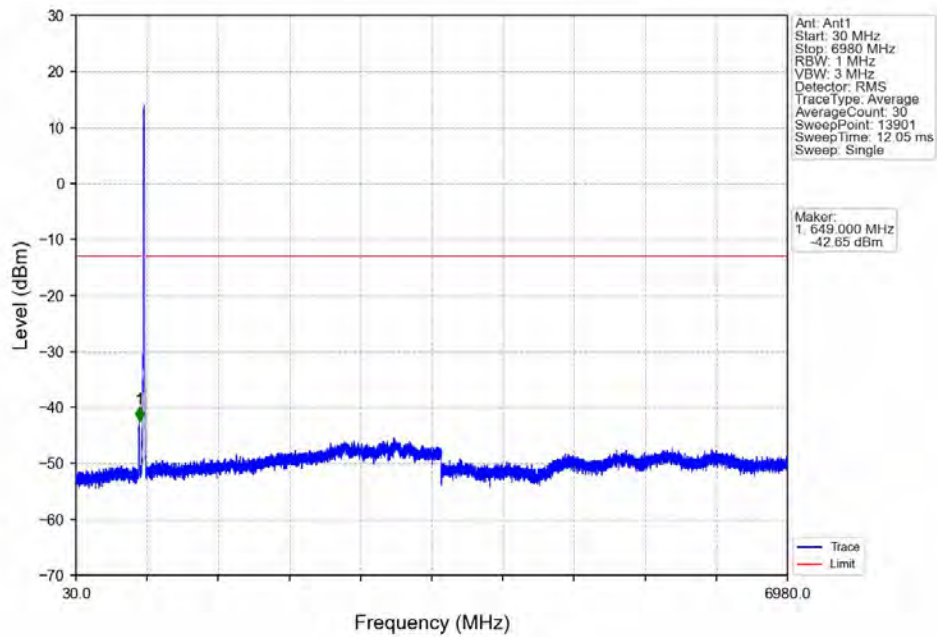
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



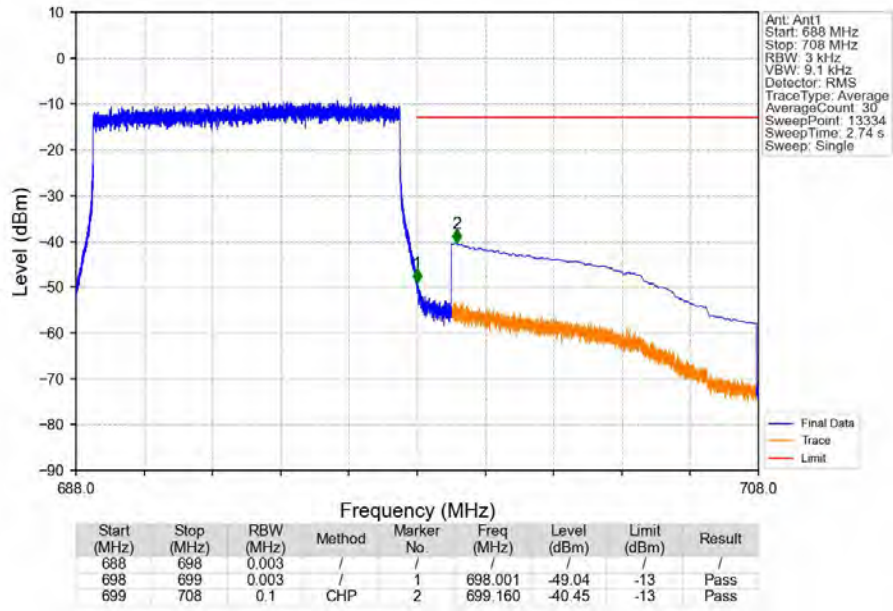
Band71_10MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



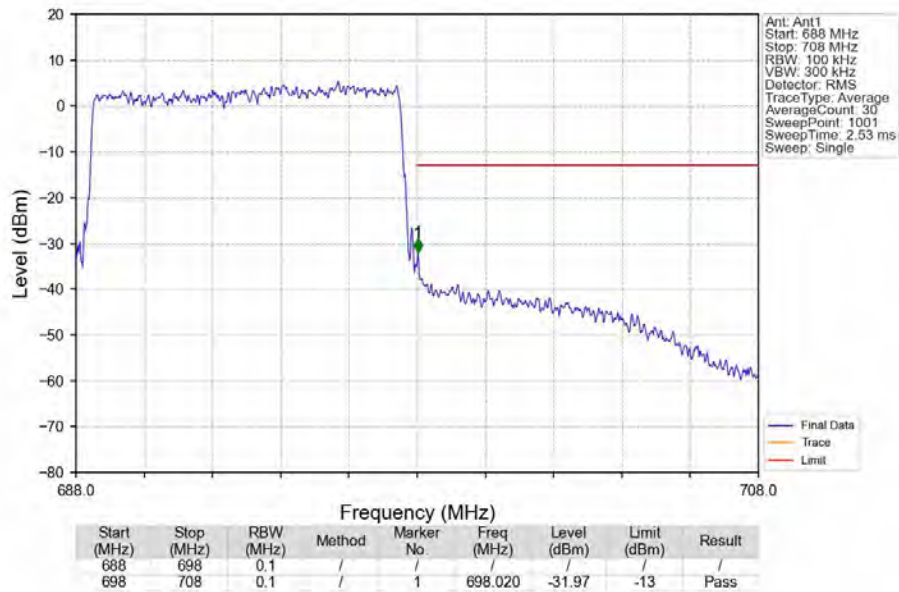
Band71_10MHz_16QAM_HCH_693MHz_RB_1_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_1_49_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV

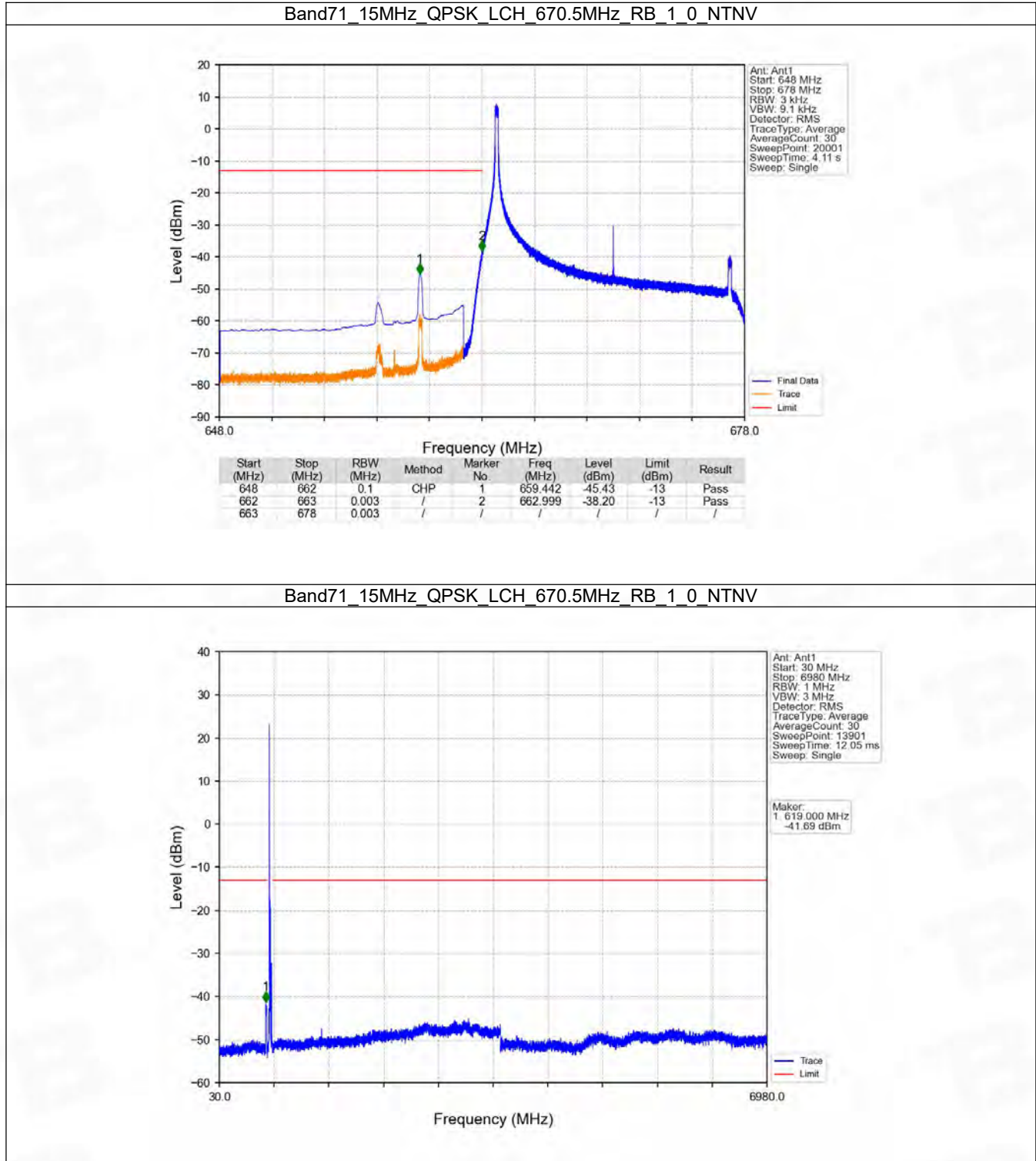


6.3 B71_15MHz

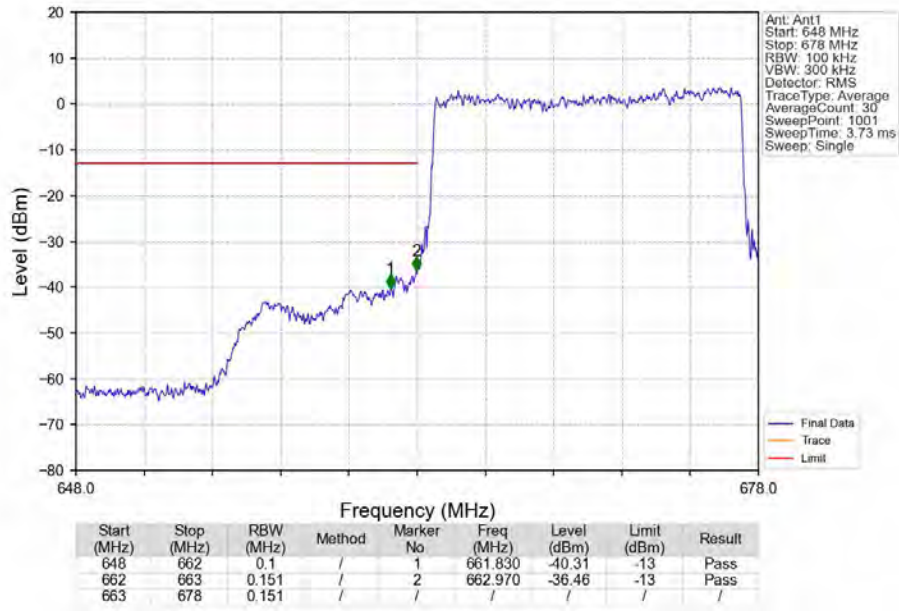
6.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTV						
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
		1	0	Refer To Test Graph		Pass
	690.5	1	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
		1	0	Refer To Test Graph		Pass
	690.5	1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

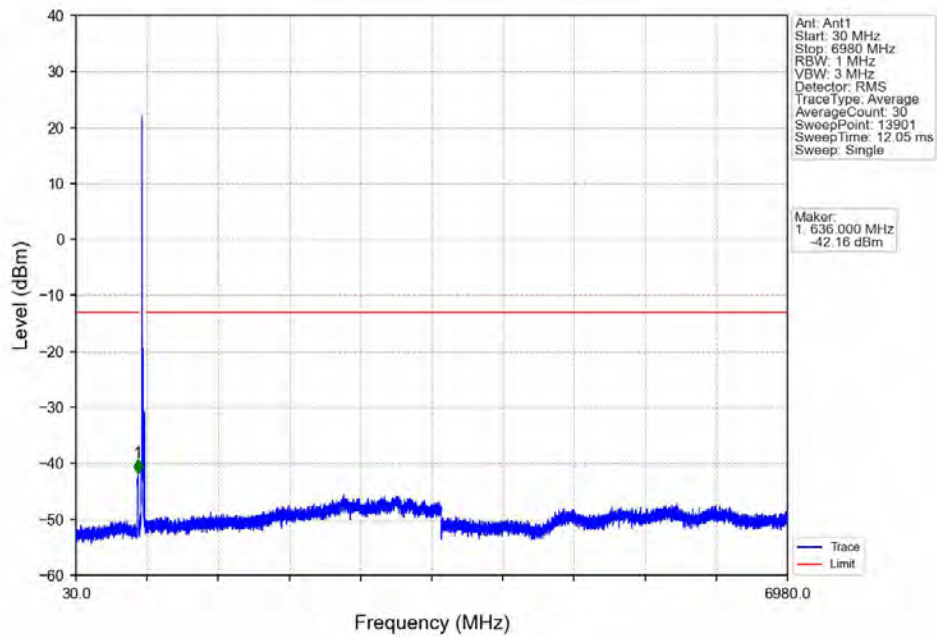
6.3.2 Test Graph



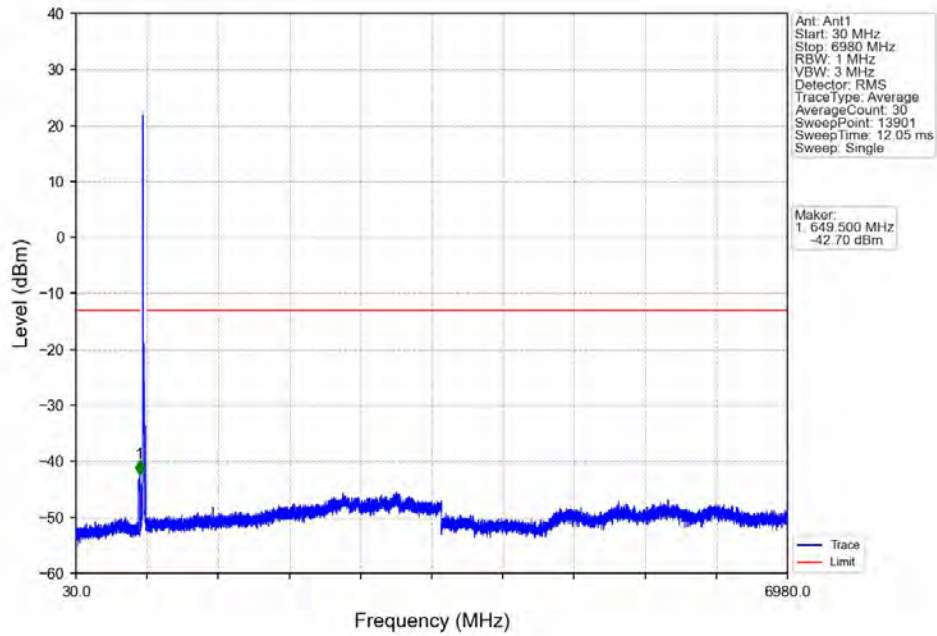
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



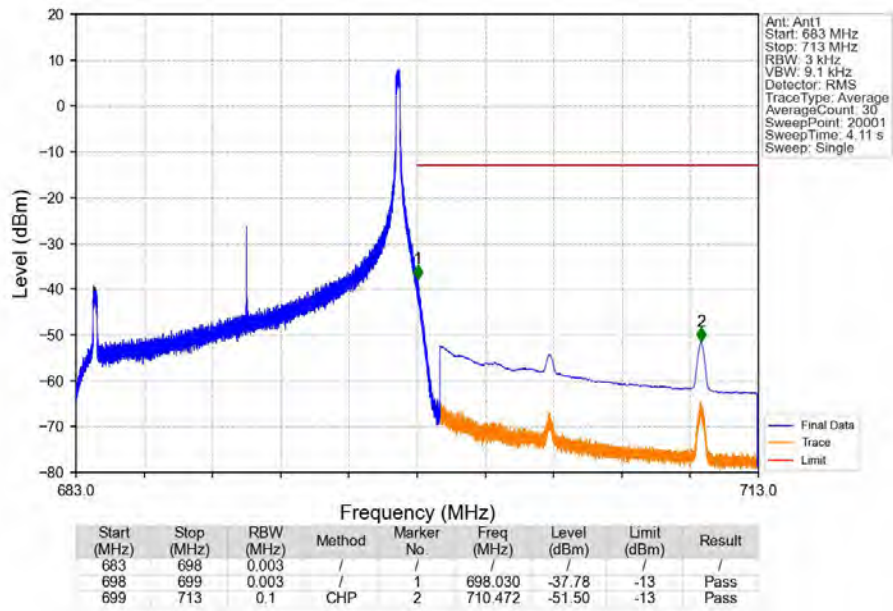
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



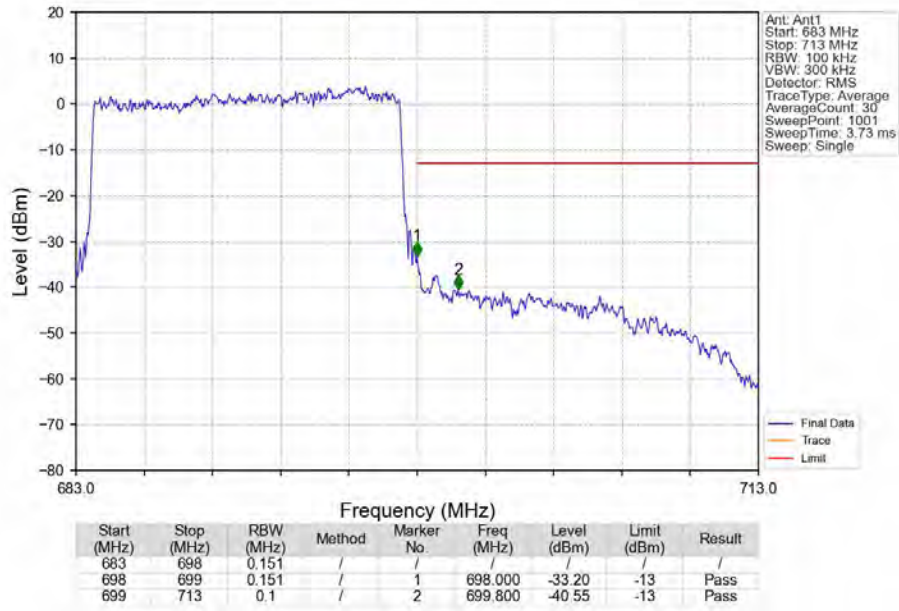
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



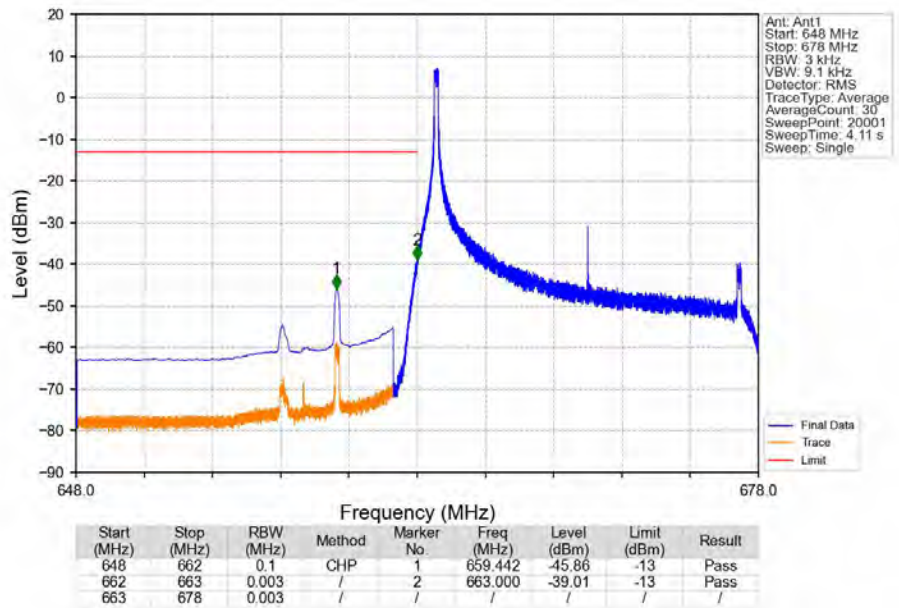
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



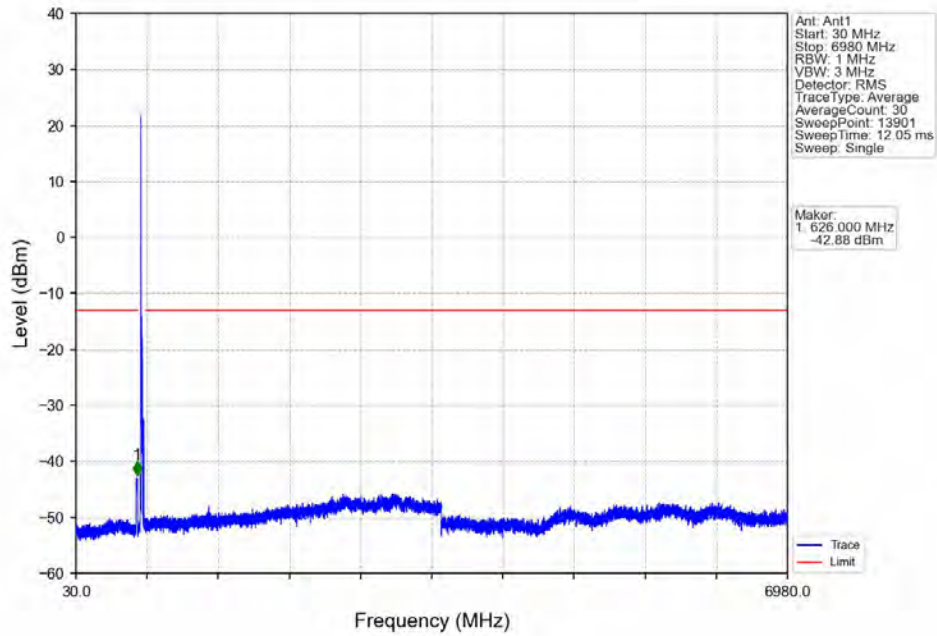
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



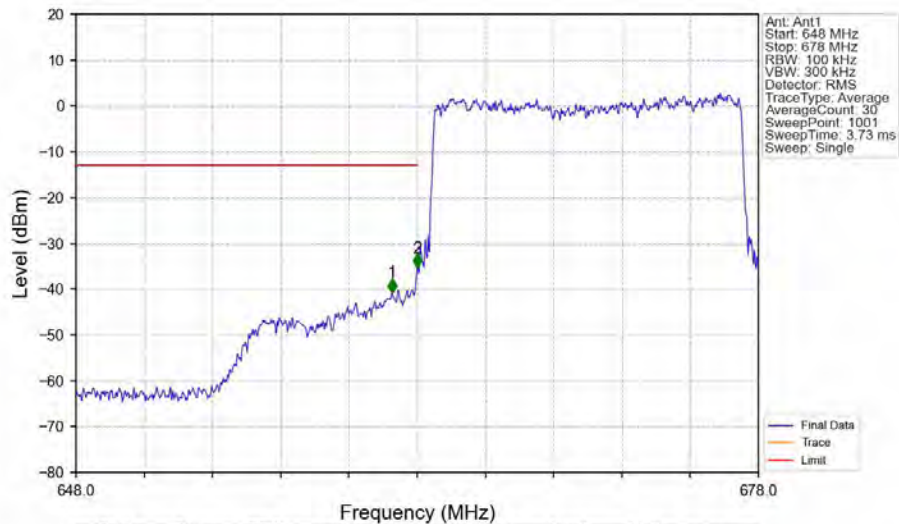
Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV



Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV

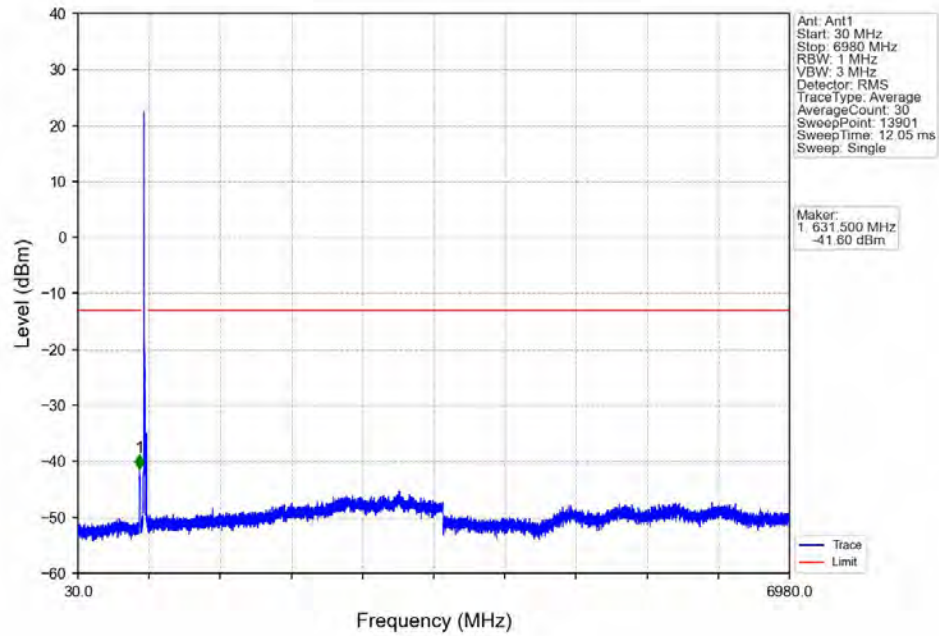


Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV

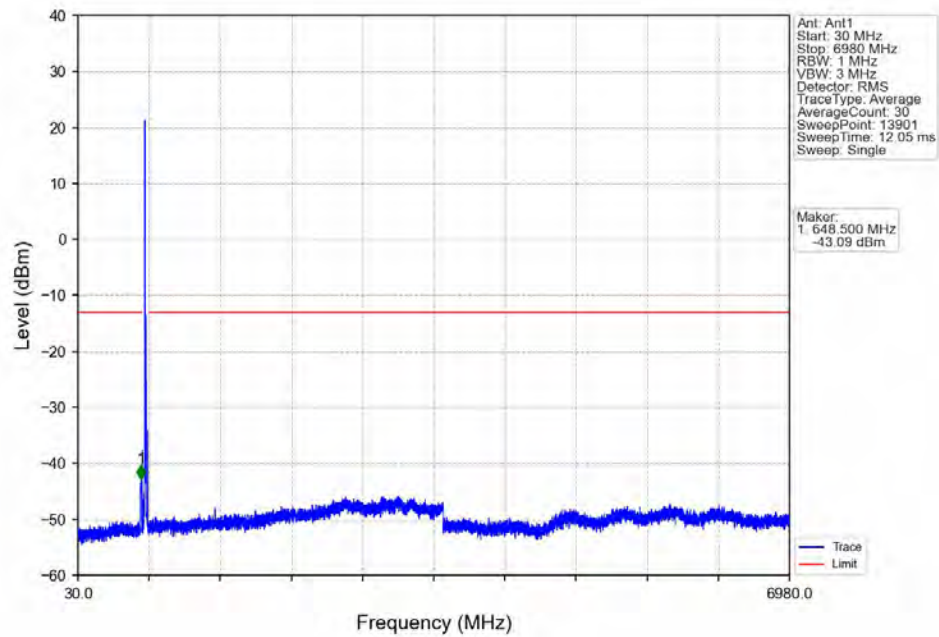


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.890	-40.79	-13	Pass
662	663	0.152	/	2	663.000	-35.44	-13	Pass
663	678	0.152	/	/	/	/	/	/

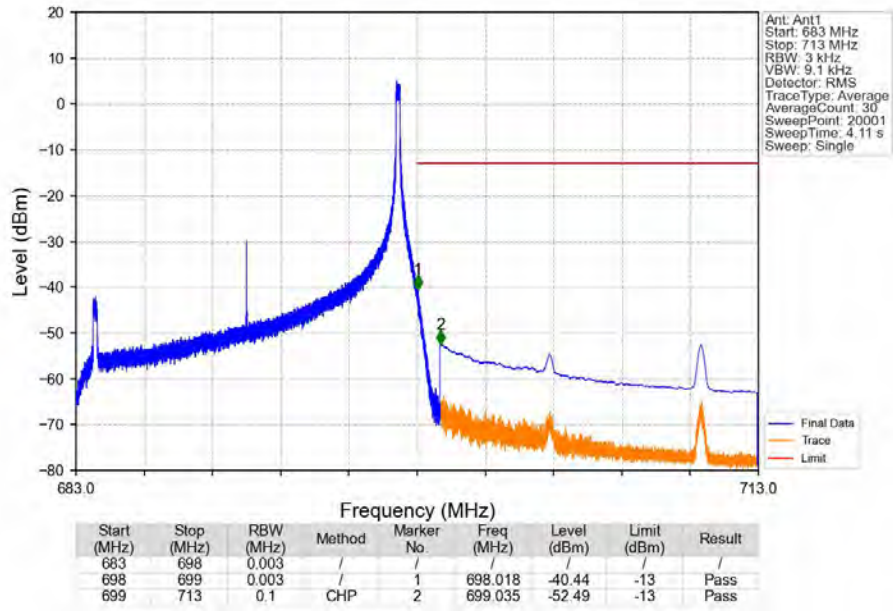
Band71_15MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



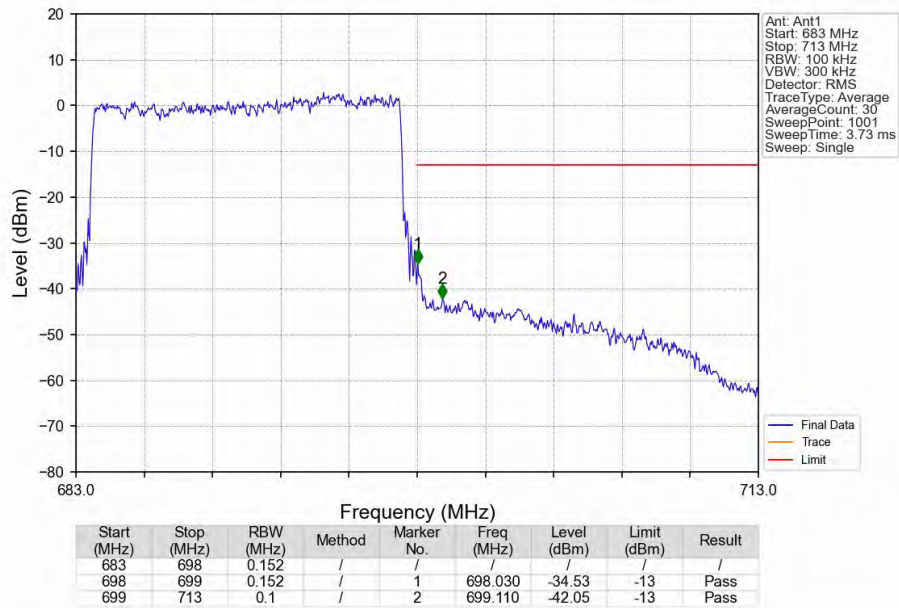
Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_74_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV

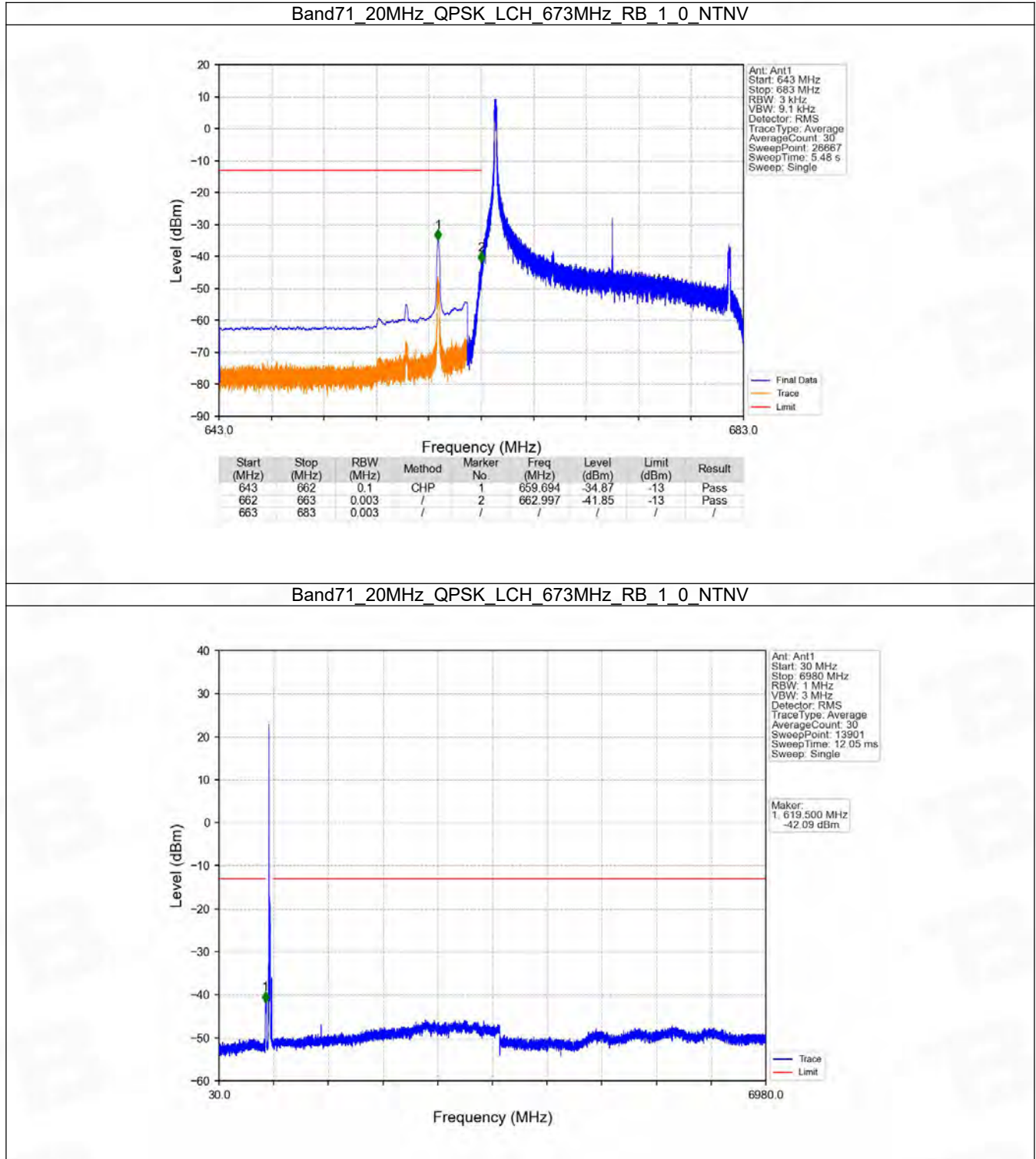


6.4 B71_20MHz

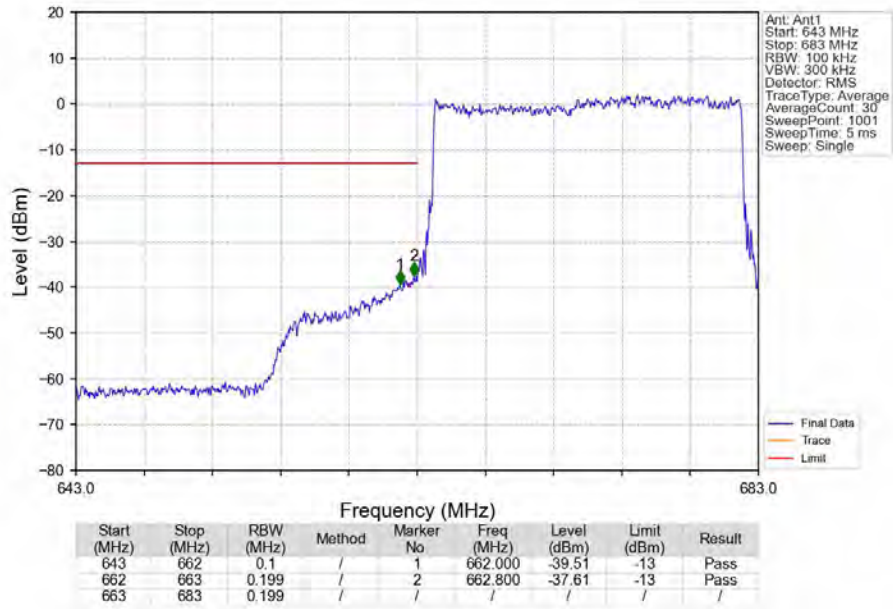
6.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTV						
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

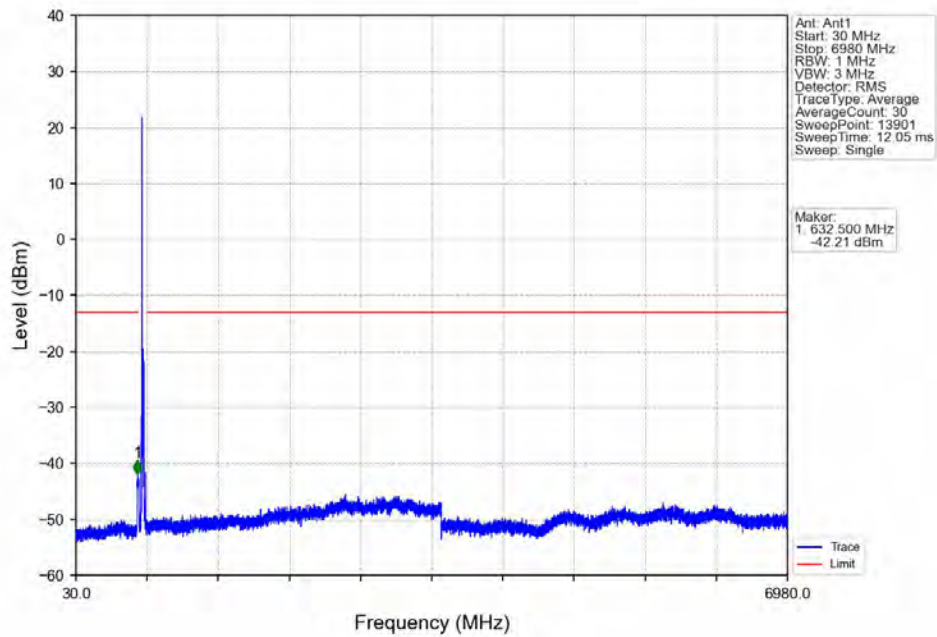
6.4.2 Test Graph



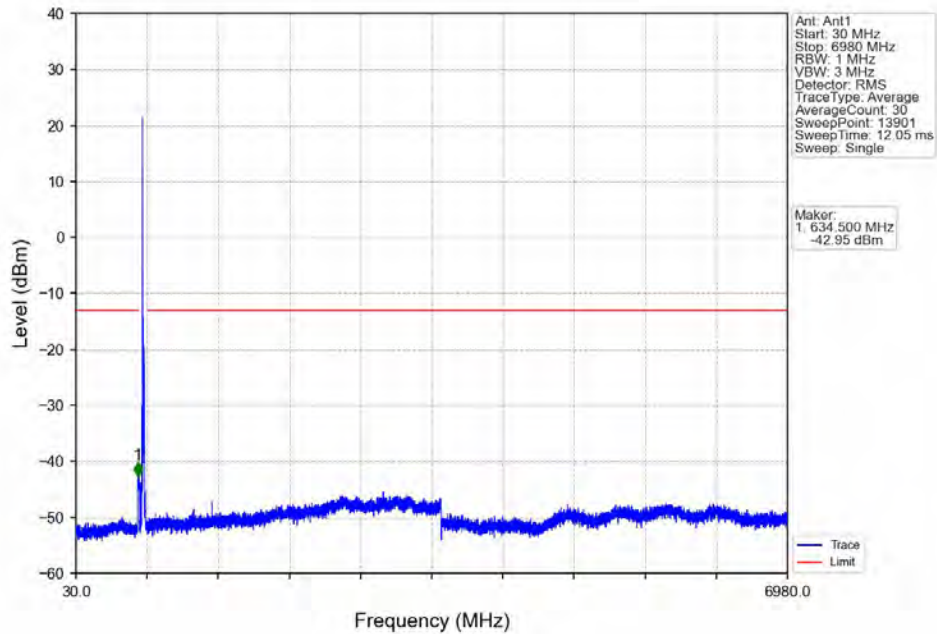
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



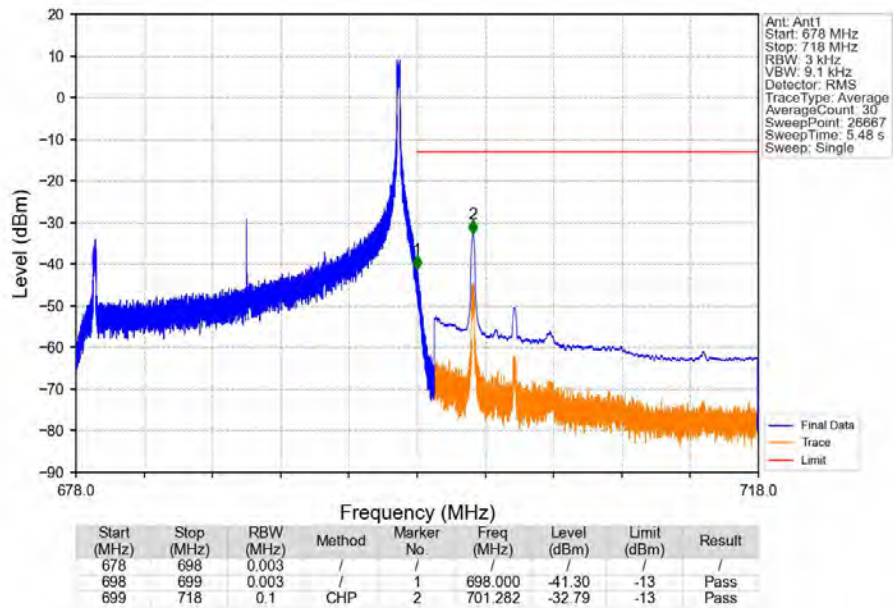
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



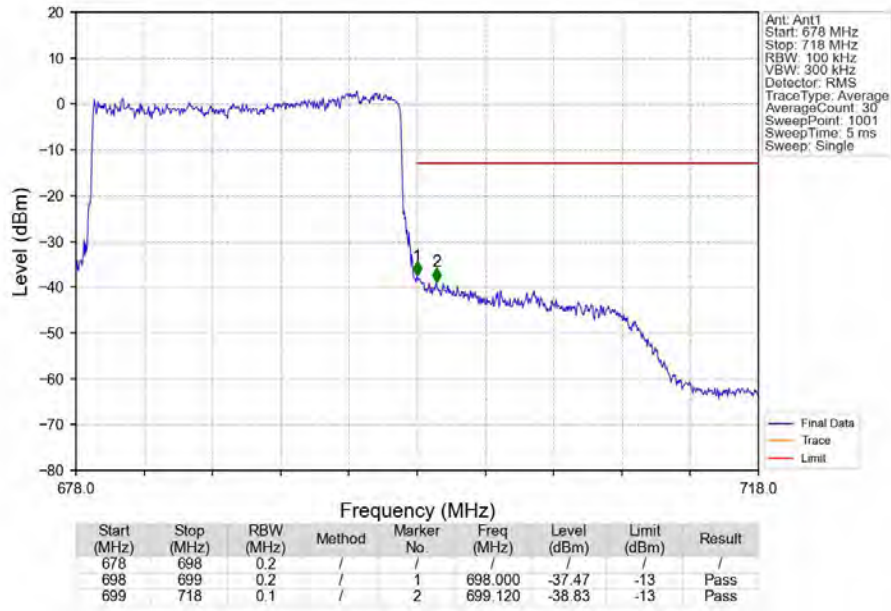
Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV



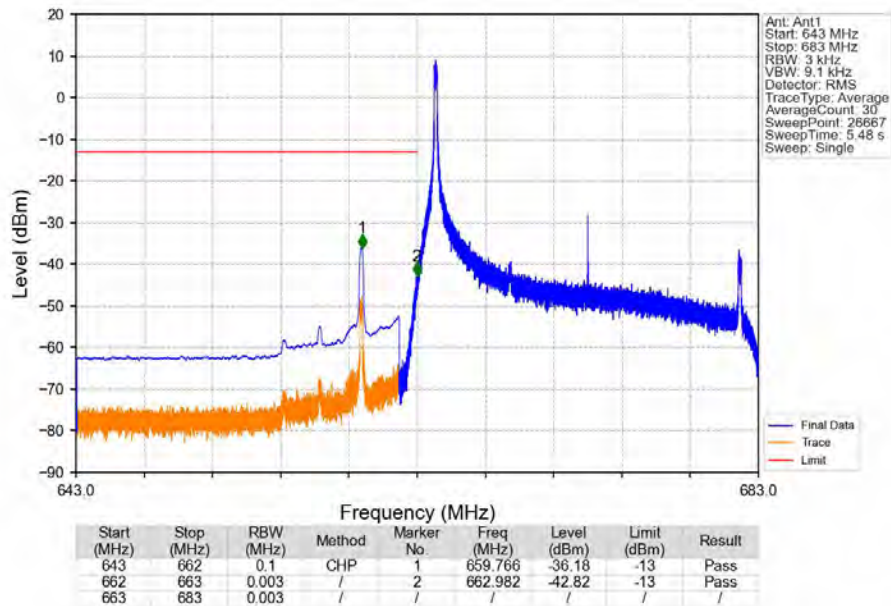
Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



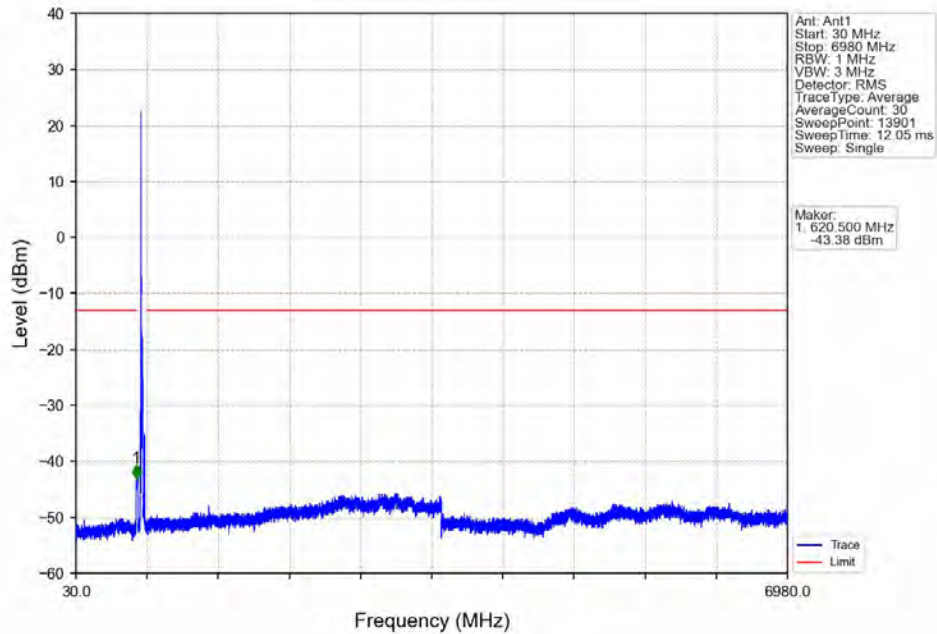
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



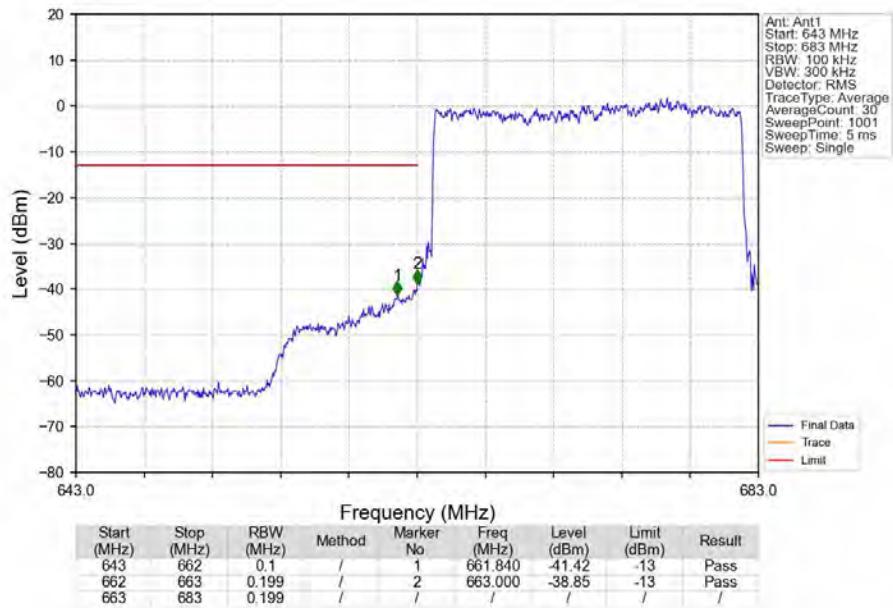
Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV



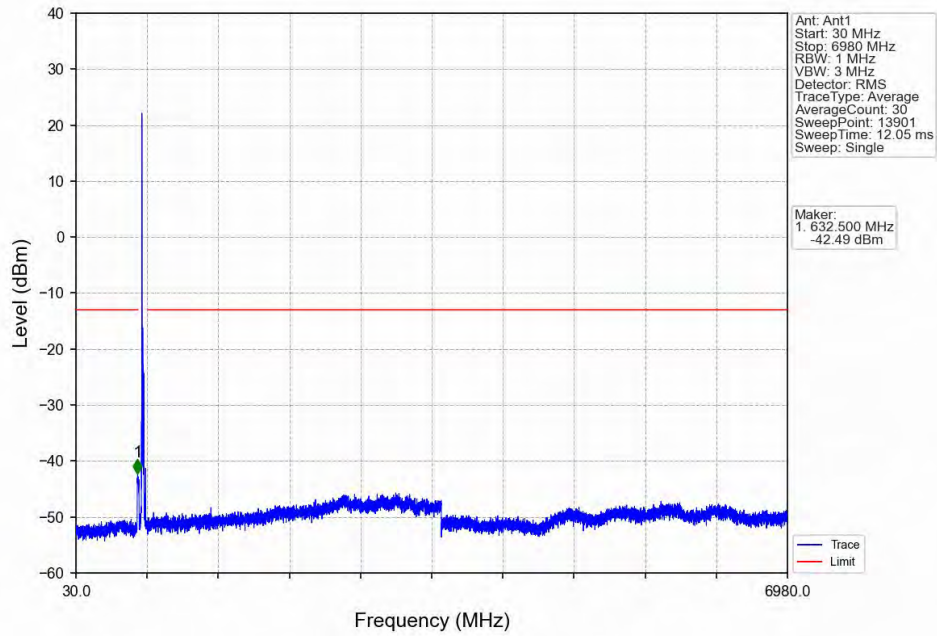
Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV



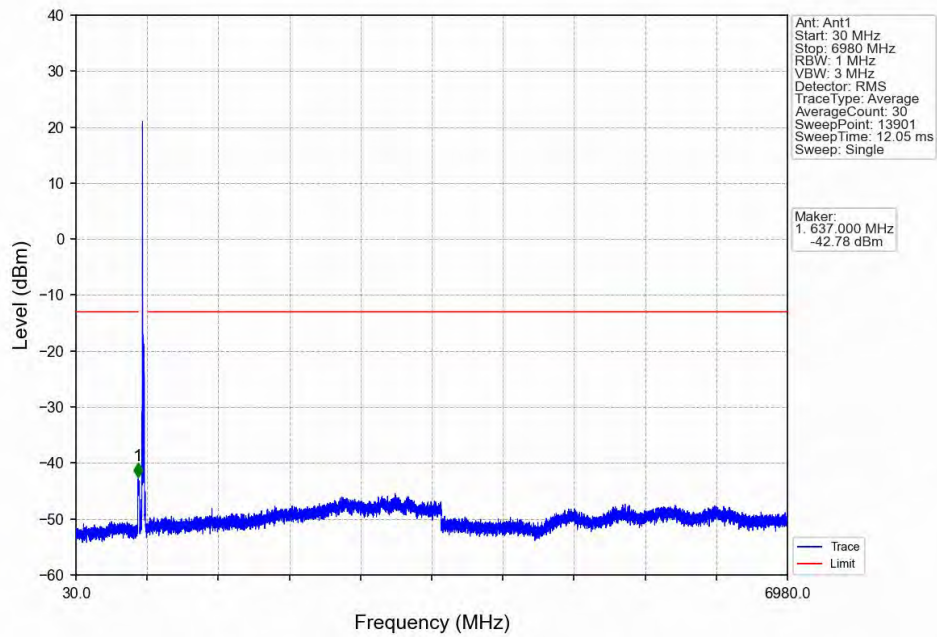
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



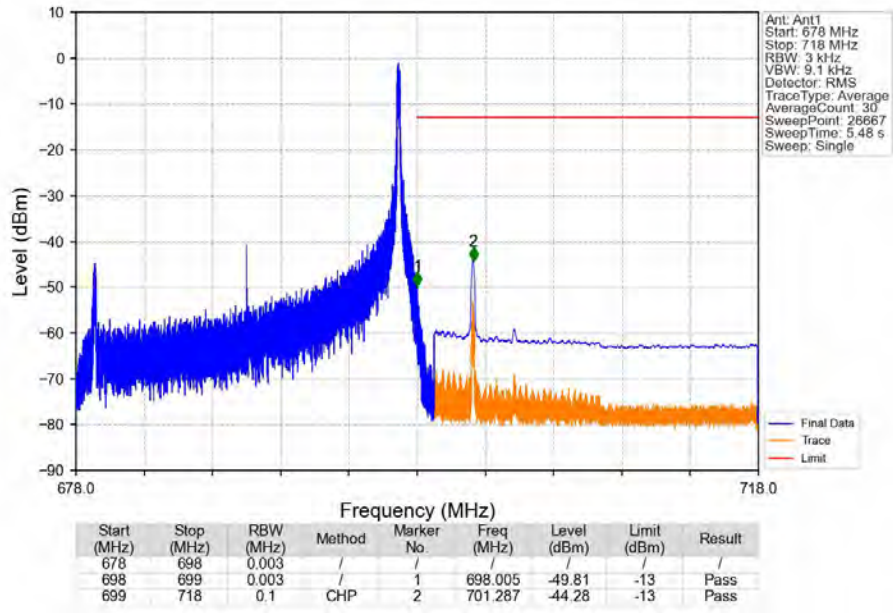
Band71_20MHz_16QAM_MCH_683MHz_RB_1_0_NTNV



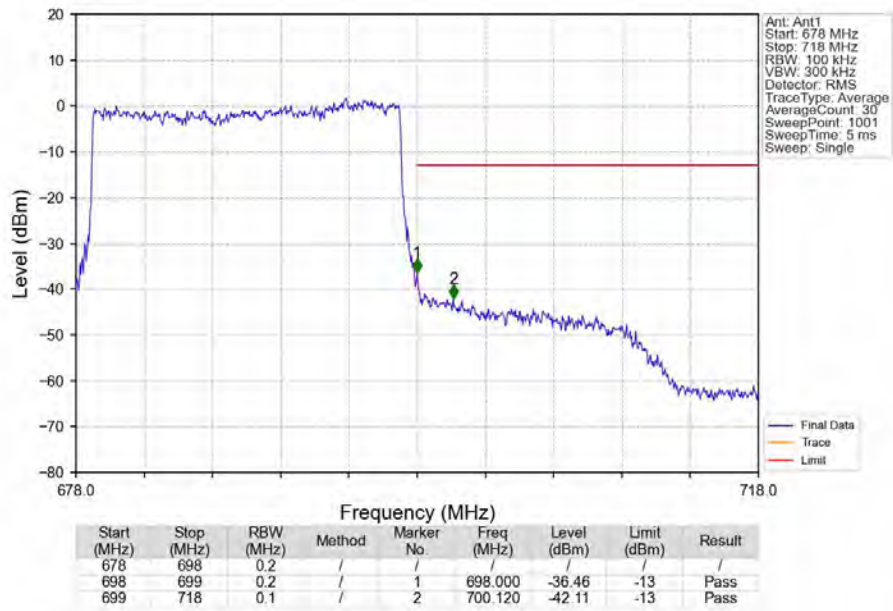
Band71_20MHz_16QAM_HCH_688MHz_RB_1_0_NTNV



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	0.1435	0.0820	ppm	4M55G7D	27N	21.57
71	5	665.5	695.5	0.1374	0.0816	ppm	4M56W7D	27N	21.38
71	10	668	693	0.1500	0.0662	ppm	9M10G7D	27N	21.76
71	10	668	693	0.1300	0.0700	ppm	9M12W7D	27N	21.14
71	15	670.5	690.5	0.1521	0.0676	ppm	13M7G7D	27N	21.82
71	15	670.5	690.5	0.1531	0.0766	ppm	13M7W7D	27N	21.85
71	20	673	688	0.1521	0.0704	ppm	18M2G7D	27N	21.82
71	20	673	688	0.1352	0.0707	ppm	18M2W7D	27N	21.31

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	0.0638	0.0820	ppm	4M55G7D	27N	18.05
71	5	665.5	695.5	0.0611	0.0816	ppm	4M56W7D	27N	17.86
71	10	668	693	0.0667	0.0662	ppm	9M10G7D	27N	18.24
71	10	668	693	0.0578	0.0700	ppm	9M12W7D	27N	17.62
71	15	670.5	690.5	0.0676	0.0676	ppm	13M7G7D	27N	18.30
71	15	670.5	690.5	0.0681	0.0766	ppm	13M7W7D	27N	18.33
71	20	673	688	0.0676	0.0704	ppm	18M2G7D	27N	18.30
71	20	673	688	0.0601	0.0707	ppm	18M2W7D	27N	17.79