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	24.14	-2.69	19.30	<=34.77	Pass
			13	23.71	-2.69	18.87	<=34.77	Pass
			24	23.97	-2.69	19.13	<=34.77	Pass
		12	0	23.18	-2.69	18.34	<=34.77	Pass
			6	23.15	-2.69	18.31	<=34.77	Pass
			13	23.12	-2.69	18.28	<=34.77	Pass
		25	0	23.13	-2.69	18.29	<=34.77	Pass
	680.5	1	0	24.04	-2.69	19.20	<=34.77	Pass
			13	24.09	-2.69	19.25	<=34.77	Pass
			24	23.96	-2.69	19.12	<=34.77	Pass
		12	0	23.04	-2.69	18.20	<=34.77	Pass
			6	23.19	-2.69	18.35	<=34.77	Pass
			13	23.03	-2.69	18.19	<=34.77	Pass
		25	0	23.08	-2.69	18.24	<=34.77	Pass
	695.5	1	0	23.95	-2.69	19.11	<=34.77	Pass
			13	23.81	-2.69	18.97	<=34.77	Pass
			24	23.69	-2.69	18.85	<=34.77	Pass
		12	0	23.02	-2.69	18.18	<=34.77	Pass
			6	22.97	-2.69	18.13	<=34.77	Pass
			13	22.93	-2.69	18.09	<=34.77	Pass
		25	0	22.98	-2.69	18.14	<=34.77	Pass
16QAM	665.5	1	0	23.32	-2.69	18.48	<=34.77	Pass
			13	23.29	-2.69	18.45	<=34.77	Pass
			24	23.21	-2.69	18.37	<=34.77	Pass
		12	0	22.23	-2.69	17.39	<=34.77	Pass
			6	22.08	-2.69	17.24	<=34.77	Pass
			13	22.16	-2.69	17.32	<=34.77	Pass
		25	0	22.11	-2.69	17.27	<=34.77	Pass
	680.5	1	0	23.03	-2.69	18.19	<=34.77	Pass
			13	23.10	-2.69	18.26	<=34.77	Pass
			24	22.63	-2.69	17.79	<=34.77	Pass
		12	0	22.10	-2.69	17.26	<=34.77	Pass
			6	22.14	-2.69	17.30	<=34.77	Pass
			13	22.10	-2.69	17.26	<=34.77	Pass
		25	0	22.13	-2.69	17.29	<=34.77	Pass
	695.5	1	0	23.22	-2.69	18.38	<=34.77	Pass
			13	23.23	-2.69	18.39	<=34.77	Pass
			24	22.63	-2.69	17.79	<=34.77	Pass
		12	0	21.81	-2.69	16.97	<=34.77	Pass
			6	22.08	-2.69	17.24	<=34.77	Pass
			13	21.64	-2.69	16.80	<=34.77	Pass
		25	0	22.04	-2.69	17.20	<=34.77	Pass
64QAM	665.5	1	0	22.94	-2.69	18.10	<=34.77	Pass
			13	23.05	-2.69	18.21	<=34.77	Pass
			24	22.72	-2.69	17.88	<=34.77	Pass
		12	0	22.14	-2.69	17.30	<=34.77	Pass
			6	21.93	-2.69	17.09	<=34.77	Pass
			13	21.90	-2.69	17.06	<=34.77	Pass
		25	0	21.96	-2.69	17.12	<=34.77	Pass

	680.5	1	0	22.94	-2.69	18.10	<=34.77	Pass
			13	23.17	-2.69	18.33	<=34.77	Pass
			24	22.84	-2.69	18.00	<=34.77	Pass
		12	0	22.10	-2.69	17.26	<=34.77	Pass
			6	22.15	-2.69	17.31	<=34.77	Pass
			13	22.09	-2.69	17.25	<=34.77	Pass
		25	0	22.13	-2.69	17.29	<=34.77	Pass
	695.5	1	0	23.23	-2.69	18.39	<=34.77	Pass
			13	23.12	-2.69	18.28	<=34.77	Pass
			24	22.91	-2.69	18.07	<=34.77	Pass
		12	0	22.05	-2.69	17.21	<=34.77	Pass
			6	21.90	-2.69	17.06	<=34.77	Pass
			13	21.99	-2.69	17.15	<=34.77	Pass
		25	0	22.02	-2.69	17.18	<=34.77	Pass
256QAM	665.5	1	0	19.19	-2.69	14.35	<=34.77	Pass
			13	18.82	-2.69	13.98	<=34.77	Pass
			24	18.80	-2.69	13.96	<=34.77	Pass
		12	0	18.89	-2.69	14.05	<=34.77	Pass
			6	18.97	-2.69	14.13	<=34.77	Pass
			13	19.15	-2.69	14.31	<=34.77	Pass
		25	0	19.03	-2.69	14.19	<=34.77	Pass
	680.5	1	0	19.15	-2.69	14.31	<=34.77	Pass
			13	19.17	-2.69	14.33	<=34.77	Pass
			24	18.88	-2.69	14.04	<=34.77	Pass
		12	0	19.03	-2.69	14.19	<=34.77	Pass
			6	19.14	-2.69	14.30	<=34.77	Pass
			13	19.13	-2.69	14.29	<=34.77	Pass
		25	0	19.09	-2.69	14.25	<=34.77	Pass
	695.5	1	0	18.81	-2.69	13.97	<=34.77	Pass
			13	18.72	-2.69	13.88	<=34.77	Pass
			24	18.86	-2.69	14.02	<=34.77	Pass
		12	0	19.09	-2.69	14.25	<=34.77	Pass
			6	19.07	-2.69	14.23	<=34.77	Pass
			13	18.94	-2.69	14.10	<=34.77	Pass
		25	0	19.05	-2.69	14.21	<=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	24.09	-2.69	19.25	<=34.77	Pass
			25	24.20	-2.69	19.36	<=34.77	Pass
			49	24.27	-2.69	19.43	<=34.77	Pass
		25	0	23.19	-2.69	18.35	<=34.77	Pass
			13	23.30	-2.69	18.46	<=34.77	Pass
			25	23.30	-2.69	18.46	<=34.77	Pass
		50	0	23.17	-2.69	18.33	<=34.77	Pass
	680.5	1	0	24.06	-2.69	19.22	<=34.77	Pass
			25	24.09	-2.69	19.25	<=34.77	Pass
			49	24.11	-2.69	19.27	<=34.77	Pass
		25	0	23.11	-2.69	18.27	<=34.77	Pass
			13	23.10	-2.69	18.26	<=34.77	Pass
			25	23.08	-2.69	18.24	<=34.77	Pass
		50	0	23.12	-2.69	18.28	<=34.77	Pass
	693	1	0	24.19	-2.69	19.35	<=34.77	Pass

			25	24.06	-2.69	19.22	<=34.77	Pass
			49	23.68	-2.69	18.84	<=34.77	Pass
		25	0	23.21	-2.69	18.37	<=34.77	Pass
			13	23.06	-2.69	18.22	<=34.77	Pass
			25	23.14	-2.69	18.30	<=34.77	Pass
		50	0	23.10	-2.69	18.26	<=34.77	Pass
16QAM	668	1	0	22.91	-2.69	18.07	<=34.77	Pass
			25	23.40	-2.69	18.56	<=34.77	Pass
			49	23.04	-2.69	18.20	<=34.77	Pass
		25	0	22.10	-2.69	17.26	<=34.77	Pass
			13	22.30	-2.69	17.46	<=34.77	Pass
			25	22.21	-2.69	17.37	<=34.77	Pass
		50	0	22.20	-2.69	17.36	<=34.77	Pass
	680.5	1	0	23.20	-2.69	18.36	<=34.77	Pass
			25	22.33	-2.69	17.49	<=34.77	Pass
			49	22.98	-2.69	18.14	<=34.77	Pass
		25	0	22.05	-2.69	17.21	<=34.77	Pass
			13	22.15	-2.69	17.31	<=34.77	Pass
			25	22.03	-2.69	17.19	<=34.77	Pass
		50	0	22.08	-2.69	17.24	<=34.77	Pass
	693	1	0	23.22	-2.69	18.38	<=34.77	Pass
			25	22.71	-2.69	17.87	<=34.77	Pass
			49	22.67	-2.69	17.83	<=34.77	Pass
		25	0	22.12	-2.69	17.28	<=34.77	Pass
			13	21.97	-2.69	17.13	<=34.77	Pass
			25	22.03	-2.69	17.19	<=34.77	Pass
		50	0	22.06	-2.69	17.22	<=34.77	Pass
64QAM	668	1	0	23.07	-2.69	18.23	<=34.77	Pass
			25	23.09	-2.69	18.25	<=34.77	Pass
			49	23.01	-2.69	18.17	<=34.77	Pass
		25	0	22.18	-2.69	17.34	<=34.77	Pass
			13	22.17	-2.69	17.33	<=34.77	Pass
			25	22.20	-2.69	17.36	<=34.77	Pass
		50	0	22.10	-2.69	17.26	<=34.77	Pass
	680.5	1	0	23.10	-2.69	18.26	<=34.77	Pass
			25	23.09	-2.69	18.25	<=34.77	Pass
			49	22.87	-2.69	18.03	<=34.77	Pass
		25	0	22.15	-2.69	17.31	<=34.77	Pass
			13	22.14	-2.69	17.30	<=34.77	Pass
			25	22.12	-2.69	17.28	<=34.77	Pass
		50	0	22.19	-2.69	17.35	<=34.77	Pass
	693	1	0	23.36	-2.69	18.52	<=34.77	Pass
			25	22.93	-2.69	18.09	<=34.77	Pass
			49	22.73	-2.69	17.89	<=34.77	Pass
		25	0	22.10	-2.69	17.26	<=34.77	Pass
			13	21.99	-2.69	17.15	<=34.77	Pass
			25	22.01	-2.69	17.17	<=34.77	Pass
		50	0	22.06	-2.69	17.22	<=34.77	Pass
256QAM	668	1	0	19.09	-2.69	14.25	<=34.77	Pass
			25	19.18	-2.69	14.34	<=34.77	Pass
			49	19.25	-2.69	14.41	<=34.77	Pass
		25	0	18.85	-2.69	14.01	<=34.77	Pass
			13	19.31	-2.69	14.47	<=34.77	Pass
			25	19.25	-2.69	14.41	<=34.77	Pass
		50	0	19.13	-2.69	14.29	<=34.77	Pass
	680.5	1	0	19.24	-2.69	14.40	<=34.77	Pass
			25	19.04	-2.69	14.20	<=34.77	Pass
			49	18.69	-2.69	13.85	<=34.77	Pass
		25	0	19.16	-2.69	14.32	<=34.77	Pass

			13	19.17	-2.69	14.33	<=34.77	Pass
			25	19.13	-2.69	14.29	<=34.77	Pass
		50	0	19.15	-2.69	14.31	<=34.77	Pass
	693	1	0	19.12	-2.69	14.28	<=34.77	Pass
			25	18.80	-2.69	13.96	<=34.77	Pass
			49	18.59	-2.69	13.75	<=34.77	Pass
		25	0	19.21	-2.69	14.37	<=34.77	Pass
			13	18.87	-2.69	14.03	<=34.77	Pass
			25	19.06	-2.69	14.22	<=34.77	Pass
		50	0	19.06	-2.69	14.22	<=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	24.10	-2.69	19.26	<=34.77	Pass
			38	24.21	-2.69	19.37	<=34.77	Pass
			74	24.26	-2.69	19.42	<=34.77	Pass
		36	0	23.17	-2.69	18.33	<=34.77	Pass
			18	23.24	-2.69	18.40	<=34.77	Pass
			39	23.17	-2.69	18.33	<=34.77	Pass
		75	0	23.31	-2.69	18.47	<=34.77	Pass
	680.5	1	0	24.16	-2.69	19.32	<=34.77	Pass
			38	24.38	-2.69	19.54	<=34.77	Pass
			74	24.06	-2.69	19.22	<=34.77	Pass
		36	0	23.25	-2.69	18.41	<=34.77	Pass
			18	23.18	-2.69	18.34	<=34.77	Pass
			39	23.10	-2.69	18.26	<=34.77	Pass
		75	0	23.12	-2.69	18.28	<=34.77	Pass
	690.5	1	0	24.13	-2.69	19.29	<=34.77	Pass
			38	24.60	-2.69	19.76	<=34.77	Pass
			74	23.89	-2.69	19.05	<=34.77	Pass
		36	0	23.17	-2.69	18.33	<=34.77	Pass
			18	23.06	-2.69	18.22	<=34.77	Pass
			39	23.04	-2.69	18.20	<=34.77	Pass
		75	0	23.09	-2.69	18.25	<=34.77	Pass
16QAM	670.5	1	0	22.91	-2.69	18.07	<=34.77	Pass
			38	22.85	-2.69	18.01	<=34.77	Pass
			74	23.13	-2.69	18.29	<=34.77	Pass
		36	0	22.30	-2.69	17.46	<=34.77	Pass
			18	22.28	-2.69	17.44	<=34.77	Pass
			39	22.31	-2.69	17.47	<=34.77	Pass
		75	0	22.32	-2.69	17.48	<=34.77	Pass
	680.5	1	0	23.03	-2.69	18.19	<=34.77	Pass
			38	23.11	-2.69	18.27	<=34.77	Pass
			74	23.14	-2.69	18.30	<=34.77	Pass
		36	0	22.11	-2.69	17.27	<=34.77	Pass
			18	22.16	-2.69	17.32	<=34.77	Pass
			39	22.06	-2.69	17.22	<=34.77	Pass
		75	0	22.23	-2.69	17.39	<=34.77	Pass
	690.5	1	0	23.22	-2.69	18.38	<=34.77	Pass
			38	23.12	-2.69	18.28	<=34.77	Pass
			74	22.70	-2.69	17.86	<=34.77	Pass
		36	0	22.21	-2.69	17.37	<=34.77	Pass
			18	22.22	-2.69	17.38	<=34.77	Pass

			39	22.03	-2.69	17.19	<=34.77	Pass
		75	0	22.02	-2.69	17.18	<=34.77	Pass
64QAM	670.5	1	0	23.36	-2.69	18.52	<=34.77	Pass
			38	22.87	-2.69	18.03	<=34.77	Pass
			74	23.04	-2.69	18.20	<=34.77	Pass
		36	0	22.29	-2.69	17.45	<=34.77	Pass
			18	22.29	-2.69	17.45	<=34.77	Pass
			39	22.25	-2.69	17.41	<=34.77	Pass
		75	0	22.33	-2.69	17.49	<=34.77	Pass
	680.5	1	0	23.12	-2.69	18.28	<=34.77	Pass
			38	23.12	-2.69	18.28	<=34.77	Pass
			74	22.78	-2.69	17.94	<=34.77	Pass
		36	0	22.20	-2.69	17.36	<=34.77	Pass
			18	22.23	-2.69	17.39	<=34.77	Pass
			39	22.06	-2.69	17.22	<=34.77	Pass
		75	0	22.11	-2.69	17.27	<=34.77	Pass
	690.5	1	0	23.12	-2.69	18.28	<=34.77	Pass
			38	22.77	-2.69	17.93	<=34.77	Pass
			74	22.74	-2.69	17.90	<=34.77	Pass
		36	0	22.18	-2.69	17.34	<=34.77	Pass
			18	22.12	-2.69	17.28	<=34.77	Pass
			39	21.98	-2.69	17.14	<=34.77	Pass
		75	0	22.12	-2.69	17.28	<=34.77	Pass
256QAM	670.5	1	0	19.00	-2.69	14.16	<=34.77	Pass
			38	19.16	-2.69	14.32	<=34.77	Pass
			74	19.27	-2.69	14.43	<=34.77	Pass
		36	0	19.08	-2.69	14.24	<=34.77	Pass
			18	19.25	-2.69	14.41	<=34.77	Pass
			39	19.28	-2.69	14.44	<=34.77	Pass
		75	0	19.32	-2.69	14.48	<=34.77	Pass
	680.5	1	0	19.15	-2.69	14.31	<=34.77	Pass
			38	19.00	-2.69	14.16	<=34.77	Pass
			74	19.03	-2.69	14.19	<=34.77	Pass
		36	0	18.77	-2.69	13.93	<=34.77	Pass
			18	19.10	-2.69	14.26	<=34.77	Pass
			39	19.19	-2.69	14.35	<=34.77	Pass
		75	0	19.08	-2.69	14.24	<=34.77	Pass
	690.5	1	0	19.16	-2.69	14.32	<=34.77	Pass
			38	19.04	-2.69	14.20	<=34.77	Pass
			74	19.01	-2.69	14.17	<=34.77	Pass
		36	0	18.87	-2.69	14.03	<=34.77	Pass
			18	19.05	-2.69	14.21	<=34.77	Pass
			39	19.00	-2.69	14.16	<=34.77	Pass
		75	0	19.10	-2.69	14.26	<=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	24.12	-2.69	19.28	<=34.77	Pass
			50	24.04	-2.69	19.20	<=34.77	Pass
			99	24.19	-2.69	19.35	<=34.77	Pass
		50	0	23.09	-2.69	18.25	<=34.77	Pass
			25	23.39	-2.69	18.55	<=34.77	Pass
			50	23.18	-2.69	18.34	<=34.77	Pass

		100	0	23.33	-2.69	18.49	<=34.77	Pass
	683	1	0	23.96	-2.69	19.12	<=34.77	Pass
			50	24.43	-2.69	19.59	<=34.77	Pass
			99	24.24	-2.69	19.40	<=34.77	Pass
		50	0	23.18	-2.69	18.34	<=34.77	Pass
			25	23.10	-2.69	18.26	<=34.77	Pass
			50	23.10	-2.69	18.26	<=34.77	Pass
		100	0	23.16	-2.69	18.32	<=34.77	Pass
	688	1	0	24.27	-2.69	19.43	<=34.77	Pass
			50	24.46	-2.69	19.62	<=34.77	Pass
			99	23.30	-2.69	18.46	<=34.77	Pass
		50	0	23.19	-2.69	18.35	<=34.77	Pass
			25	23.27	-2.69	18.43	<=34.77	Pass
			50	23.10	-2.69	18.26	<=34.77	Pass
		100	0	23.15	-2.69	18.31	<=34.77	Pass
16QAM	673	1	0	23.19	-2.69	18.35	<=34.77	Pass
			50	23.00	-2.69	18.16	<=34.77	Pass
			99	22.95	-2.69	18.11	<=34.77	Pass
		50	0	22.19	-2.69	17.35	<=34.77	Pass
			25	22.30	-2.69	17.46	<=34.77	Pass
			50	22.22	-2.69	17.38	<=34.77	Pass
		100	0	22.20	-2.69	17.36	<=34.77	Pass
	683	1	0	22.98	-2.69	18.14	<=34.77	Pass
			50	23.33	-2.69	18.49	<=34.77	Pass
			99	22.52	-2.69	17.68	<=34.77	Pass
		50	0	22.13	-2.69	17.29	<=34.77	Pass
			25	22.12	-2.69	17.28	<=34.77	Pass
			50	22.04	-2.69	17.20	<=34.77	Pass
		100	0	22.18	-2.69	17.34	<=34.77	Pass
	688	1	0	23.25	-2.69	18.41	<=34.77	Pass
			50	23.39	-2.69	18.55	<=34.77	Pass
			99	22.46	-2.69	17.62	<=34.77	Pass
		50	0	22.20	-2.69	17.36	<=34.77	Pass
			25	22.21	-2.69	17.37	<=34.77	Pass
			50	22.13	-2.69	17.29	<=34.77	Pass
		100	0	22.11	-2.69	17.27	<=34.77	Pass
64QAM	673	1	0	22.87	-2.69	18.03	<=34.77	Pass
			50	23.15	-2.69	18.31	<=34.77	Pass
			99	22.97	-2.69	18.13	<=34.77	Pass
		50	0	22.20	-2.69	17.36	<=34.77	Pass
			25	22.27	-2.69	17.43	<=34.77	Pass
			50	22.17	-2.69	17.33	<=34.77	Pass
		100	0	22.21	-2.69	17.37	<=34.77	Pass
	683	1	0	23.28	-2.69	18.44	<=34.77	Pass
			50	22.90	-2.69	18.06	<=34.77	Pass
			99	22.42	-2.69	17.58	<=34.77	Pass
		50	0	22.10	-2.69	17.26	<=34.77	Pass
			25	22.12	-2.69	17.28	<=34.77	Pass
			50	22.04	-2.69	17.20	<=34.77	Pass
		100	0	22.09	-2.69	17.25	<=34.77	Pass
	688	1	0	22.90	-2.69	18.06	<=34.77	Pass
			50	23.03	-2.69	18.19	<=34.77	Pass
			99	22.97	-2.69	18.13	<=34.77	Pass
		50	0	22.23	-2.69	17.39	<=34.77	Pass
			25	22.24	-2.69	17.40	<=34.77	Pass
			50	22.08	-2.69	17.24	<=34.77	Pass
		100	0	22.13	-2.69	17.29	<=34.77	Pass
256QAM	673	1	0	19.31	-2.69	14.47	<=34.77	Pass
			50	19.32	-2.69	14.48	<=34.77	Pass

			99	19.18	-2.69	14.34	<=34.77	Pass
		50	0	19.27	-2.69	14.43	<=34.77	Pass
			25	19.28	-2.69	14.44	<=34.77	Pass
			50	19.23	-2.69	14.39	<=34.77	Pass
		100	0	19.25	-2.69	14.41	<=34.77	Pass
	683	1	0	19.08	-2.69	14.24	<=34.77	Pass
			50	18.96	-2.69	14.12	<=34.77	Pass
			99	18.95	-2.69	14.11	<=34.77	Pass
		50	0	19.16	-2.69	14.32	<=34.77	Pass
			25	19.11	-2.69	14.27	<=34.77	Pass
			50	19.09	-2.69	14.25	<=34.77	Pass
		100	0	19.13	-2.69	14.29	<=34.77	Pass
	688	1	0	19.30	-2.69	14.46	<=34.77	Pass
			50	18.97	-2.69	14.13	<=34.77	Pass
			99	18.47	-2.69	13.63	<=34.77	Pass
		50	0	19.20	-2.69	14.36	<=34.77	Pass
			25	19.23	-2.69	14.39	<=34.77	Pass
			50	19.03	-2.69	14.19	<=34.77	Pass
		100	0	19.17	-2.69	14.33	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 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	680.5	50	0	20	LV	0.000	0.0000	-2.5 to 2.5	Pass
					HV	0.200	0.0003	-2.5 to 2.5	Pass
					NV	0.800	0.0012	-2.5 to 2.5	Pass
				-30	NV	2.900	0.0043	-2.5 to 2.5	Pass
				-20	NV	5.100	0.0075	-2.5 to 2.5	Pass
				-10	NV	-2.100	-0.0031	-2.5 to 2.5	Pass
				0	NV	0.500	0.0007	-2.5 to 2.5	Pass
				10	NV	0.000	0.0000	-2.5 to 2.5	Pass
				30	NV	-0.600	-0.0009	-2.5 to 2.5	Pass
				40	NV	0.300	0.0004	-2.5 to 2.5	Pass
				50	NV	-0.100	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

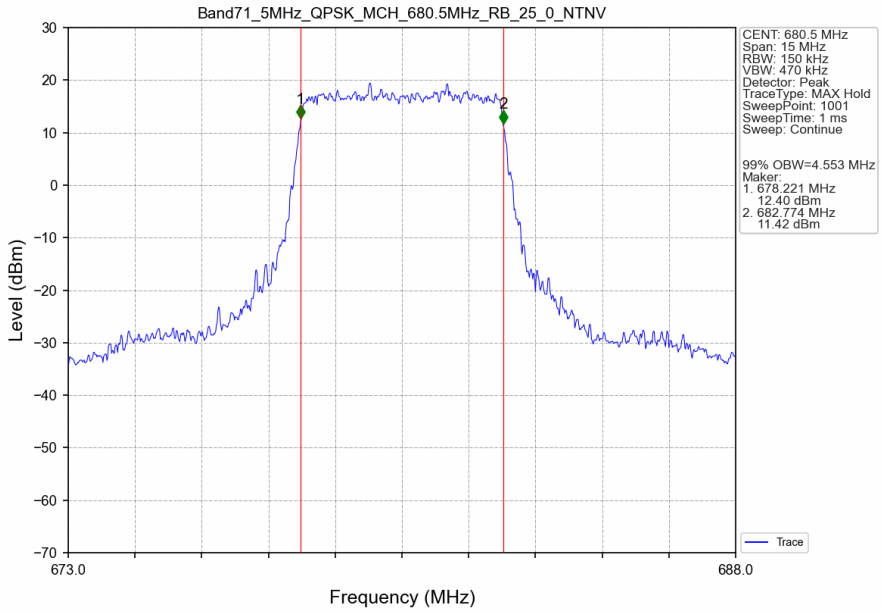
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.553	/	Pass
	16QAM	680.5	25	0	4.580	/	Pass
10	QPSK	680.5	50	0	9.049	/	Pass
	16QAM	680.5	50	0	9.014	/	Pass
15	QPSK	680.5	75	0	13.557	/	Pass
	16QAM	680.5	75	0	13.572	/	Pass
20	QPSK	683	100	0	18.050	/	Pass
	16QAM	683	100	0	18.075	/	Pass

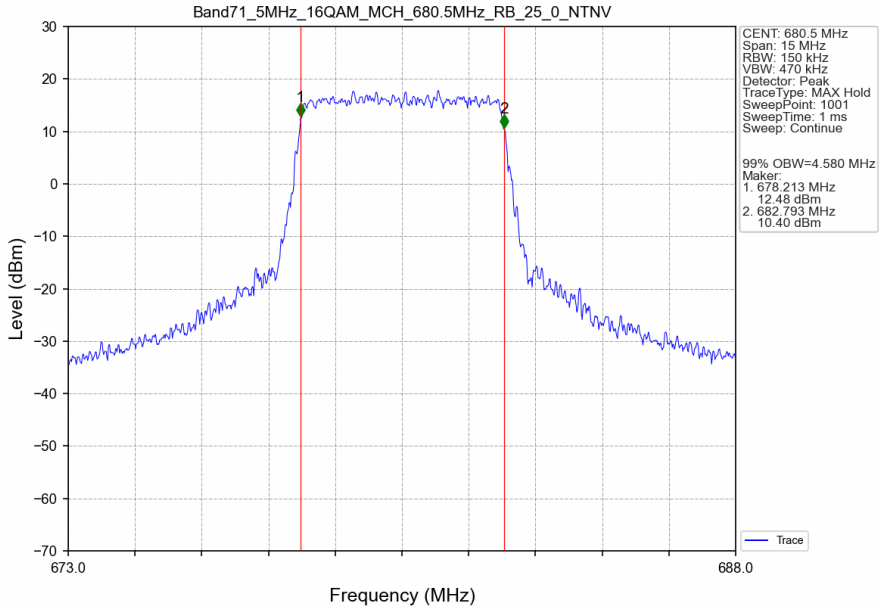
3.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.144	/	Pass
	16QAM	680.5	25	0	5.250	/	Pass
10	QPSK	680.5	50	0	10.176	/	Pass
	16QAM	680.5	50	0	10.087	/	Pass
15	QPSK	680.5	75	0	14.991	/	Pass
	16QAM	680.5	75	0	15.011	/	Pass
20	QPSK	683	100	0	20.046	/	Pass
	16QAM	683	100	0	19.990	/	Pass

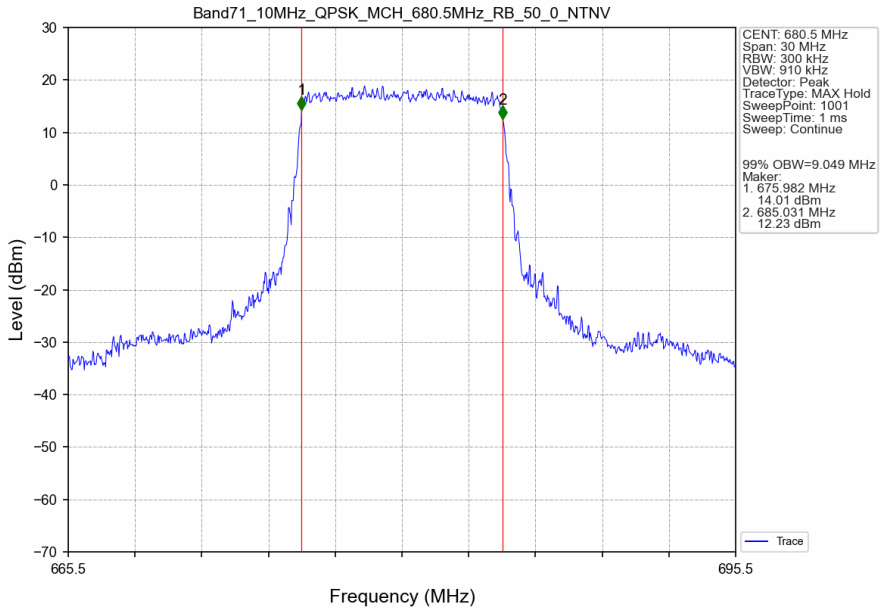
3.2 Test Graph

3.2.1 Band71_OBW

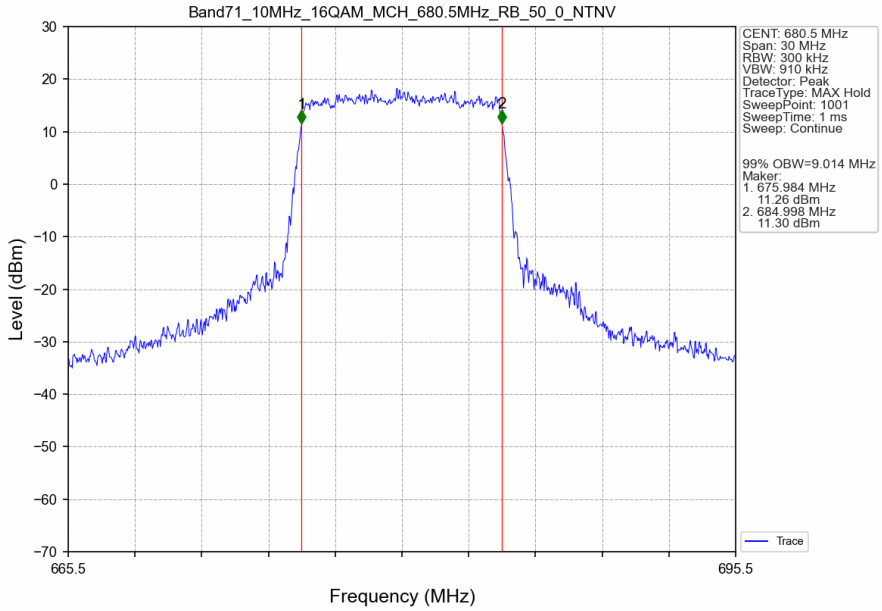
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV


Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV


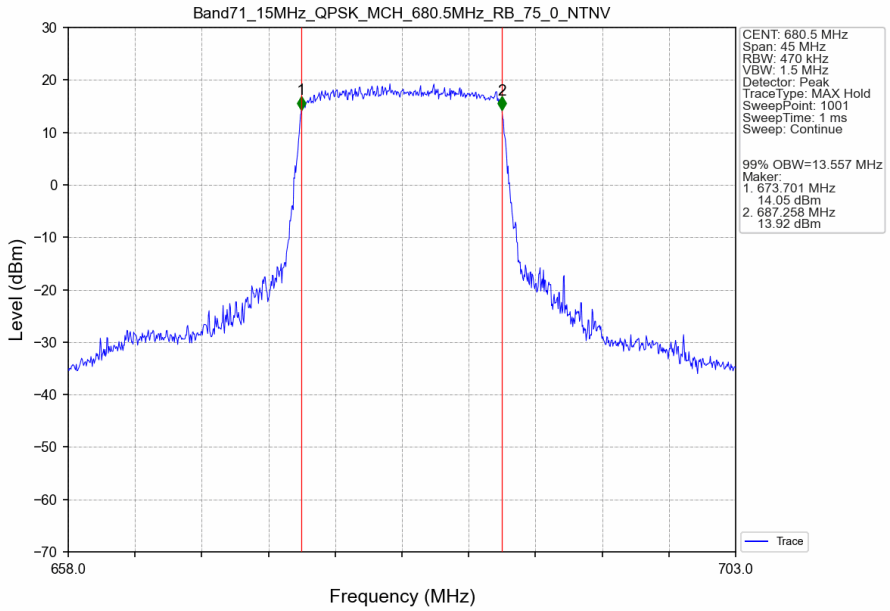
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



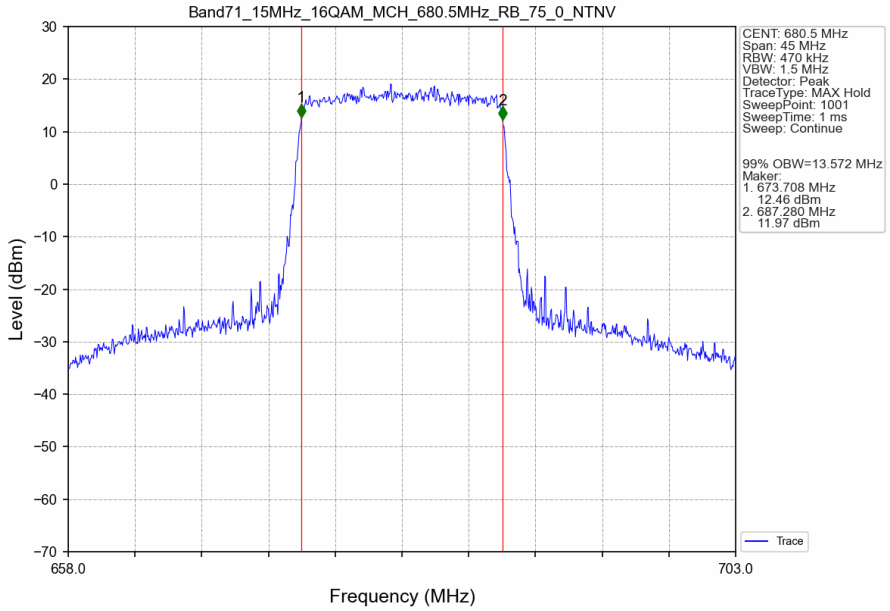
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



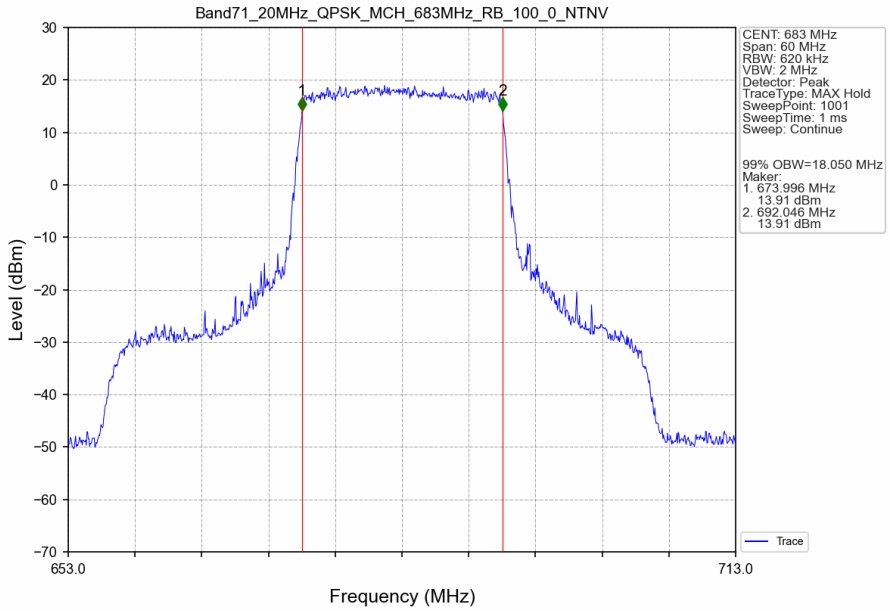
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



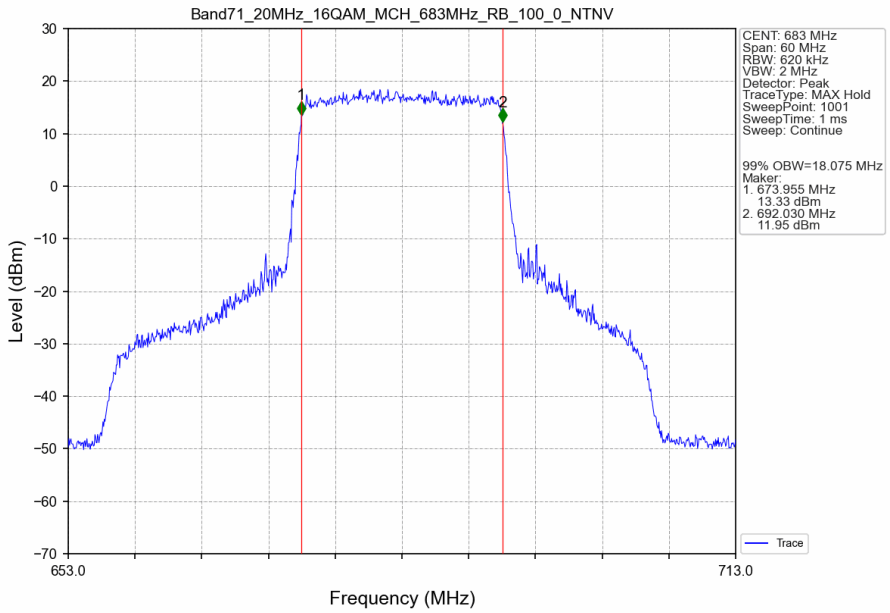
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



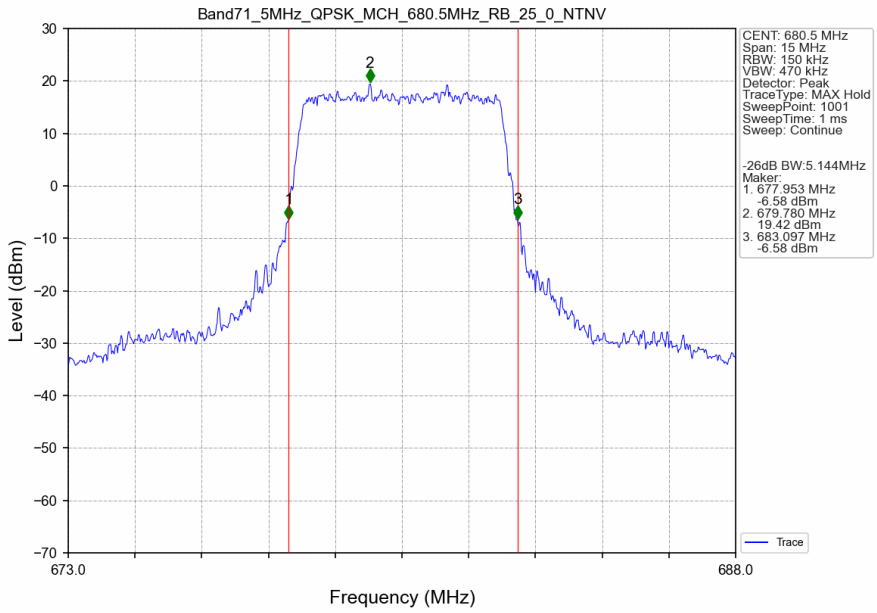
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

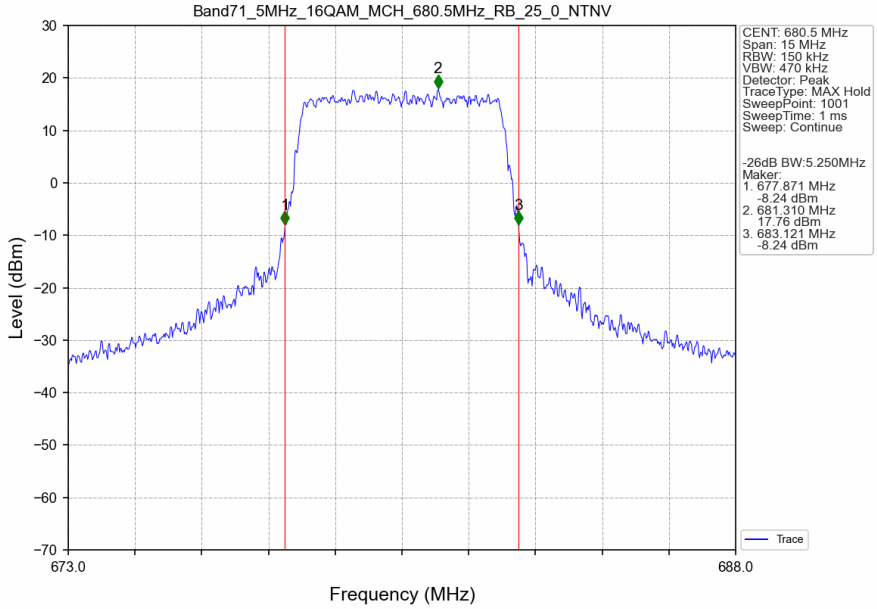


Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV

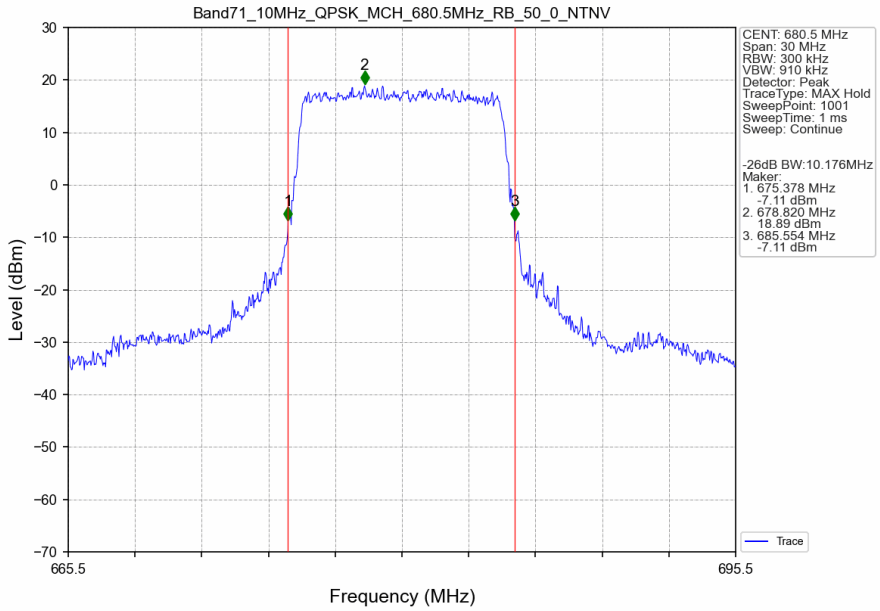


3.2.2 Band71_XDB

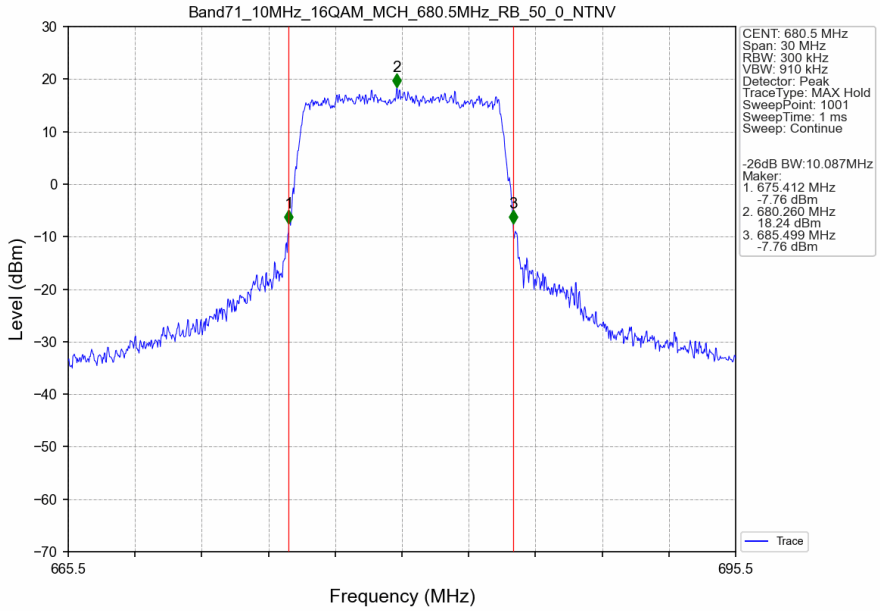
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV


Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV


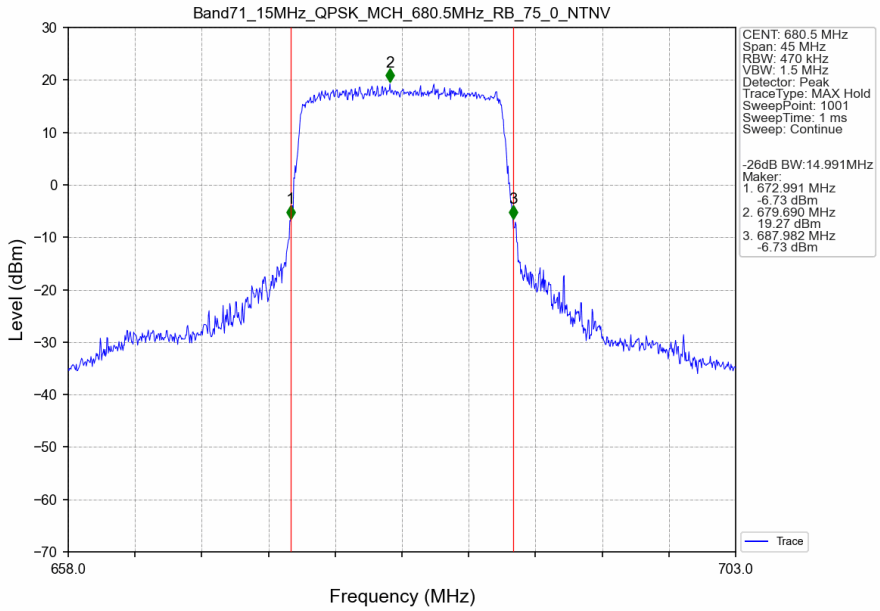
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



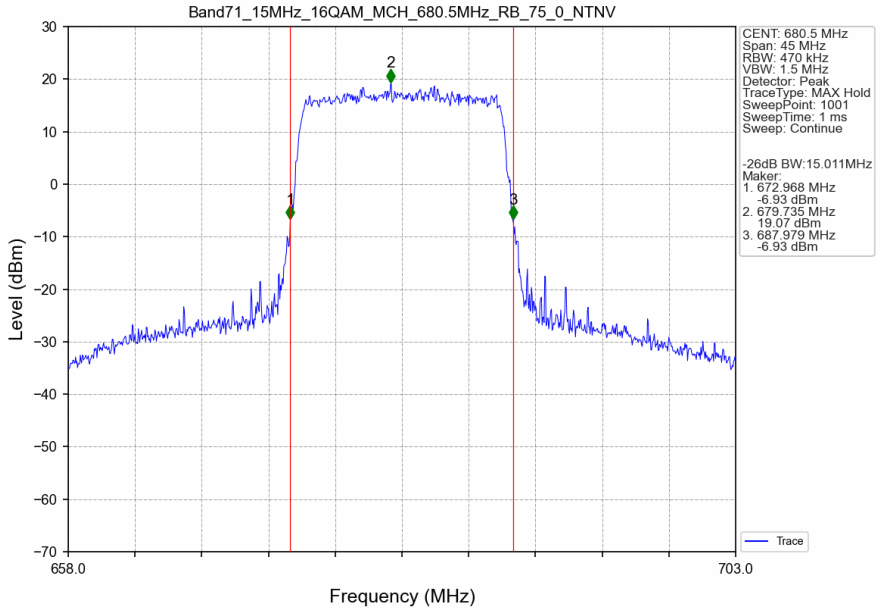
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



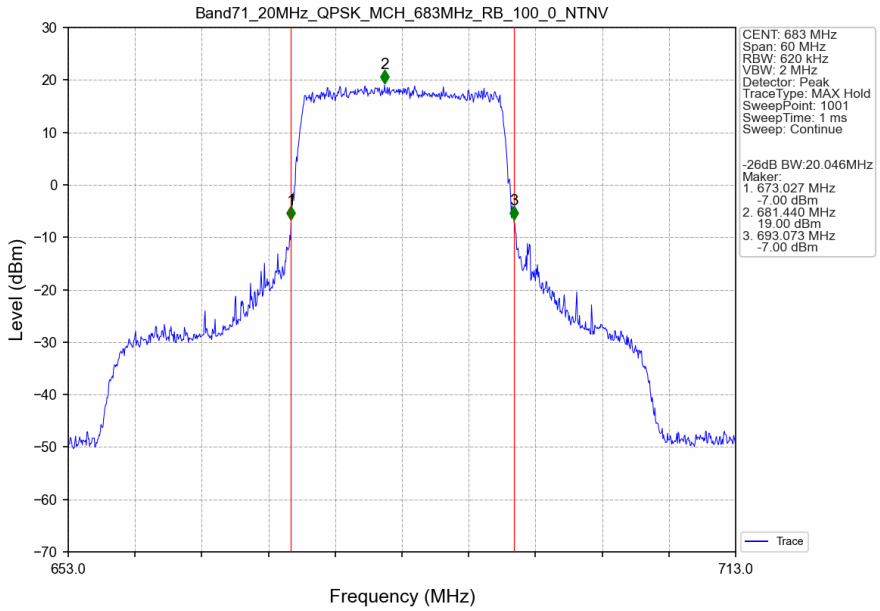
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



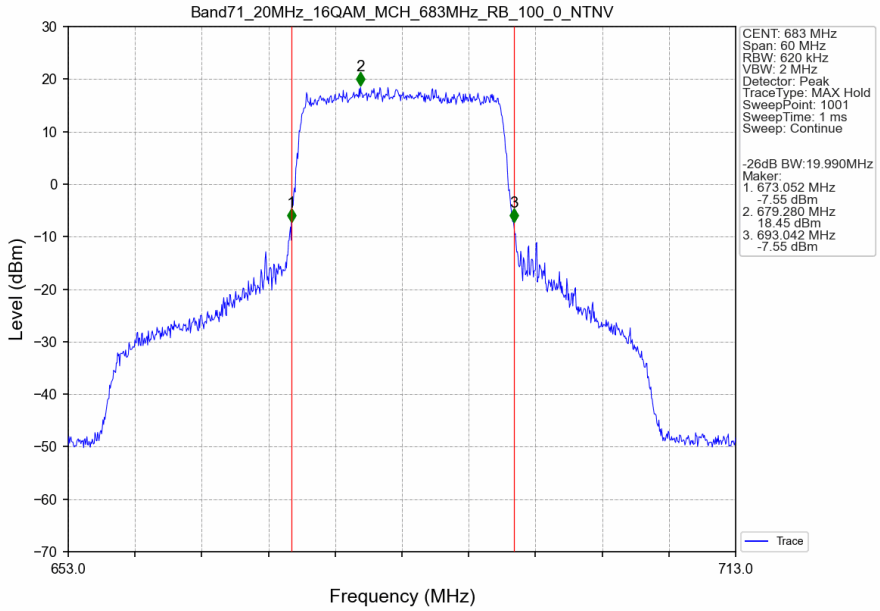
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

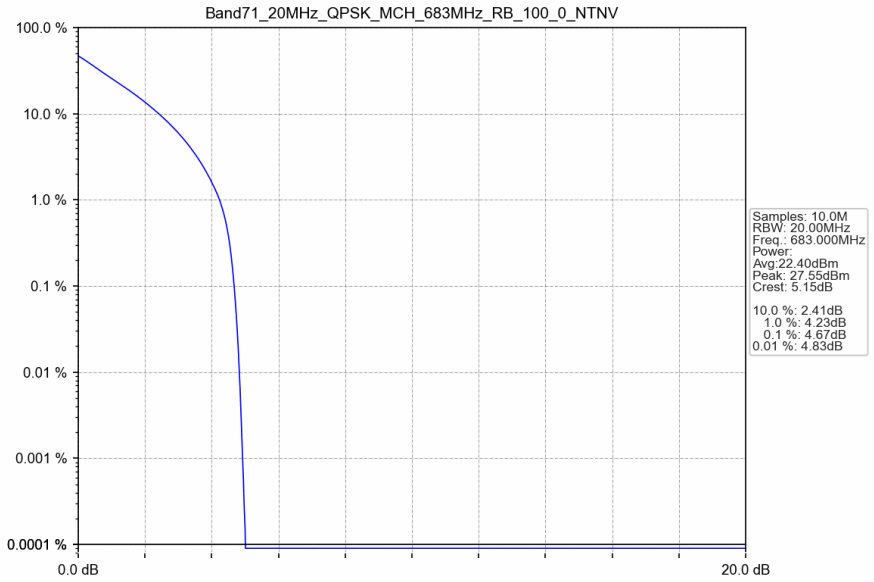
4.1.1 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	4.67	<=13	Pass
16QAM	683	100	0	5.78	<=13	Pass
64QAM	683	100	0	5.79	<=13	Pass
256QAM	683	100	0	6.67	<=13	Pass

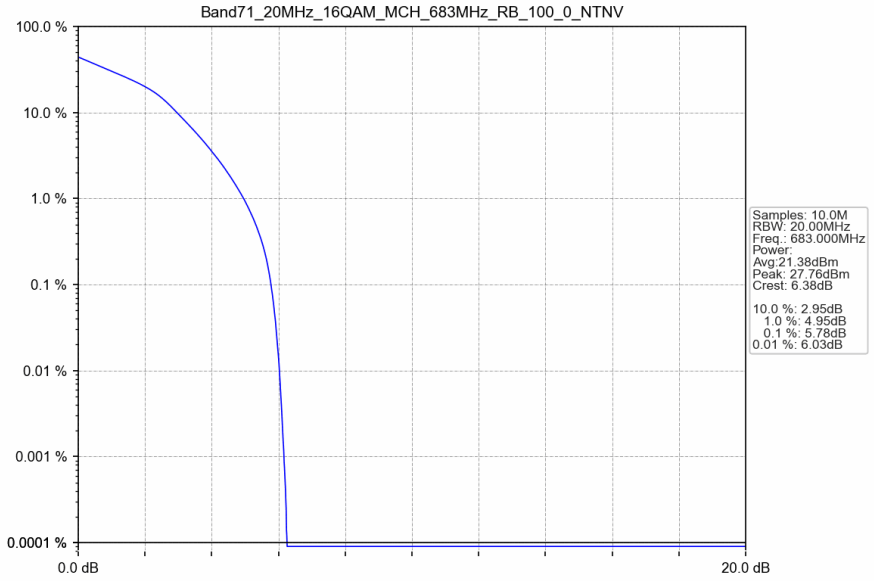
4.2 Test Graph

4.2.1 B71_20MHz

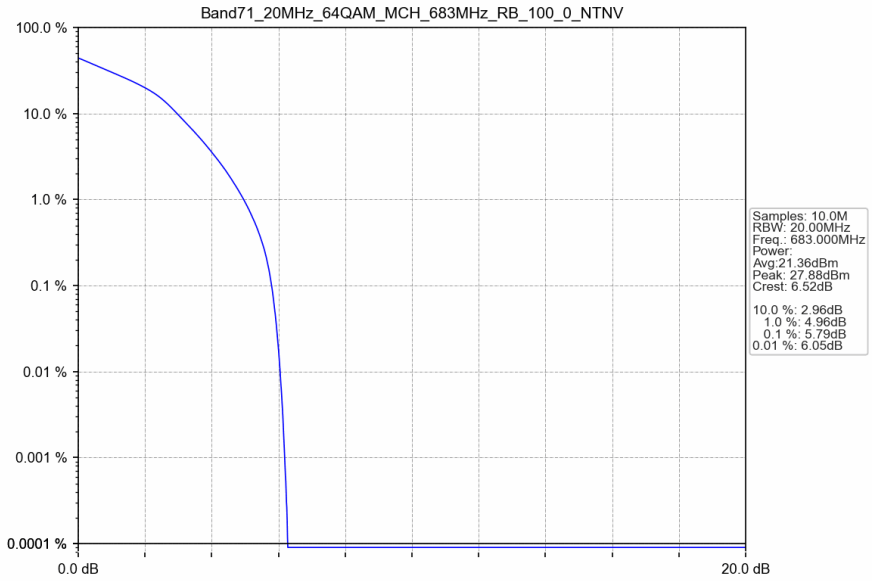
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



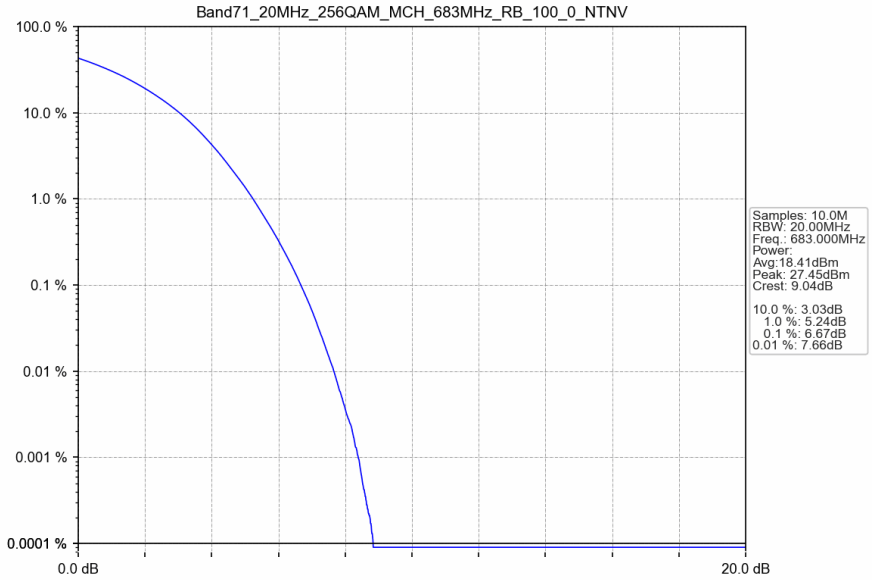
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 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

5.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
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

5.1.3 B71_15MHz

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

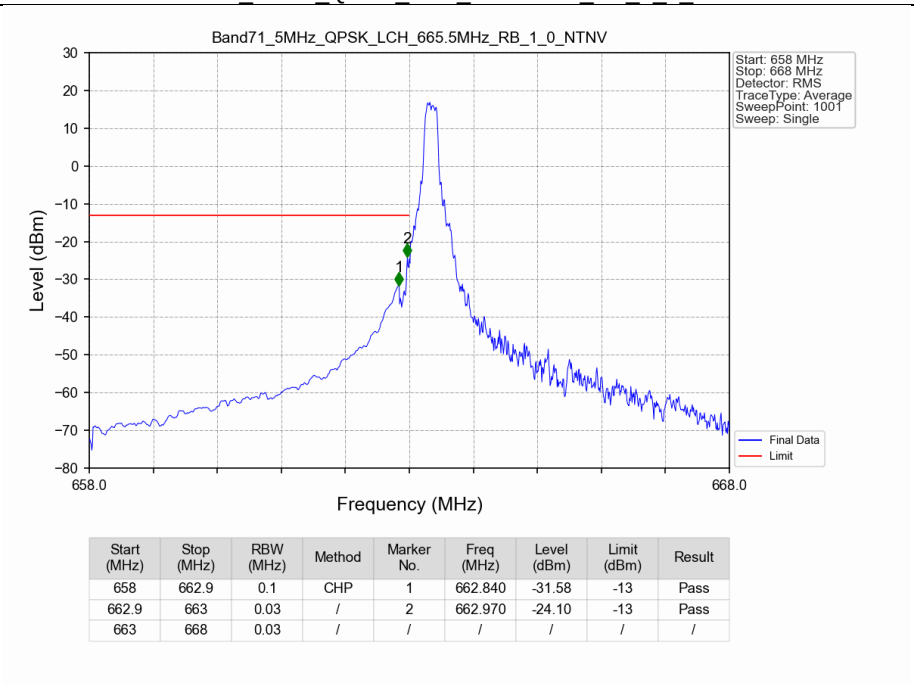
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
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

5.2 Test Graph

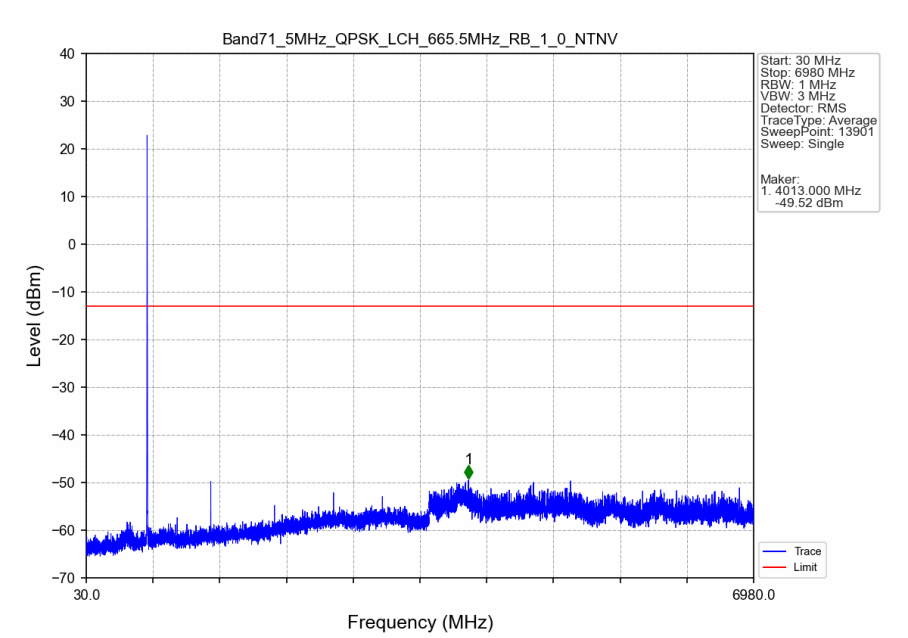
5.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

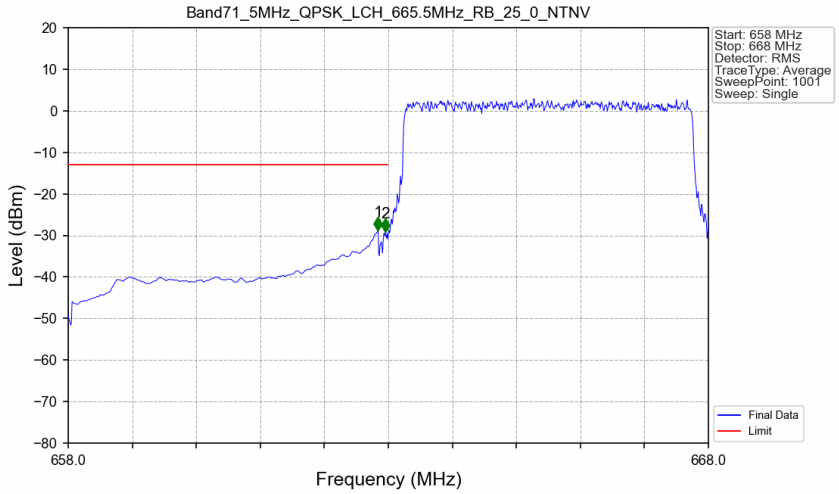


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-31.58	-13	Pass
662.9	663	0.03	/	2	662.970	-24.10	-13	Pass
663	668	0.03	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

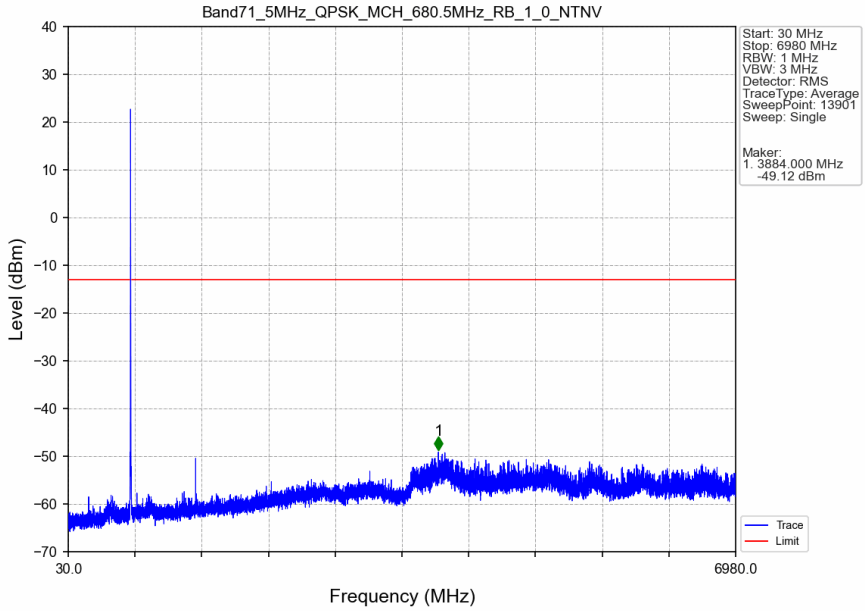


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

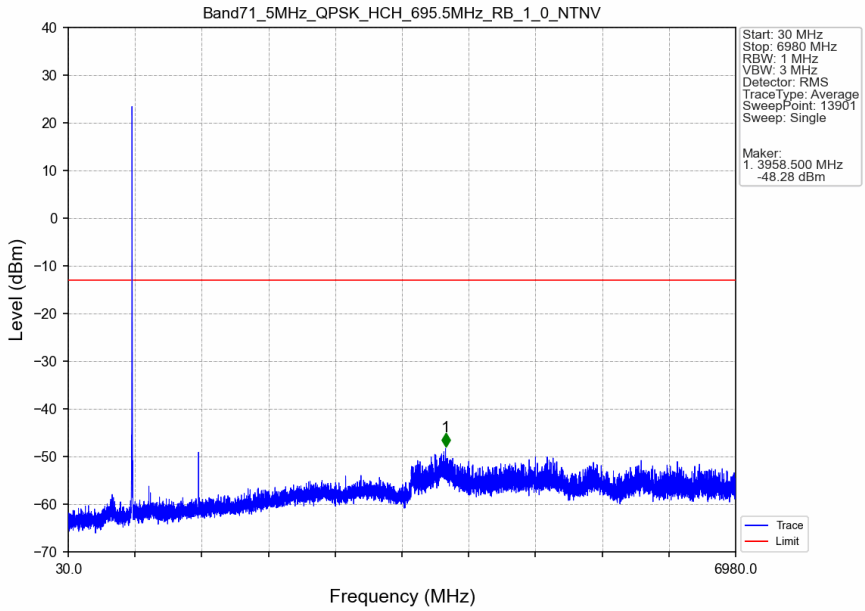


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-28.68	-13	Pass
662.9	663	0.03	/	2	662.950	-29.07	-13	Pass
663	668	0.03	/	/	/	/	/	/

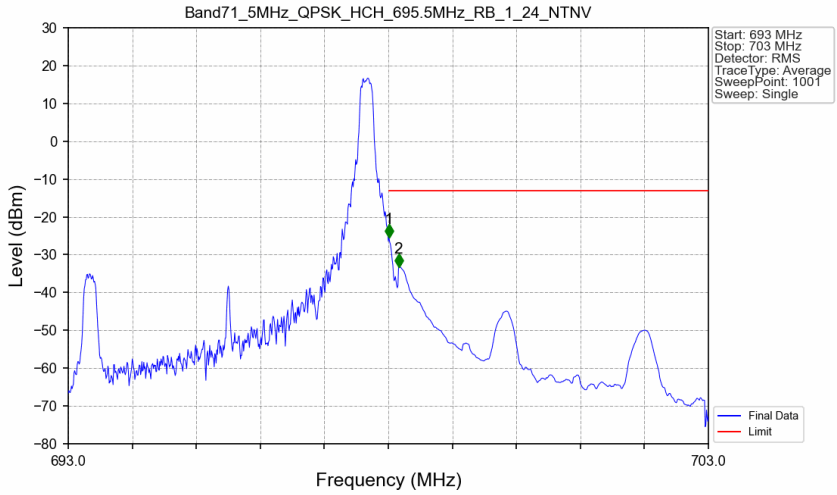
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

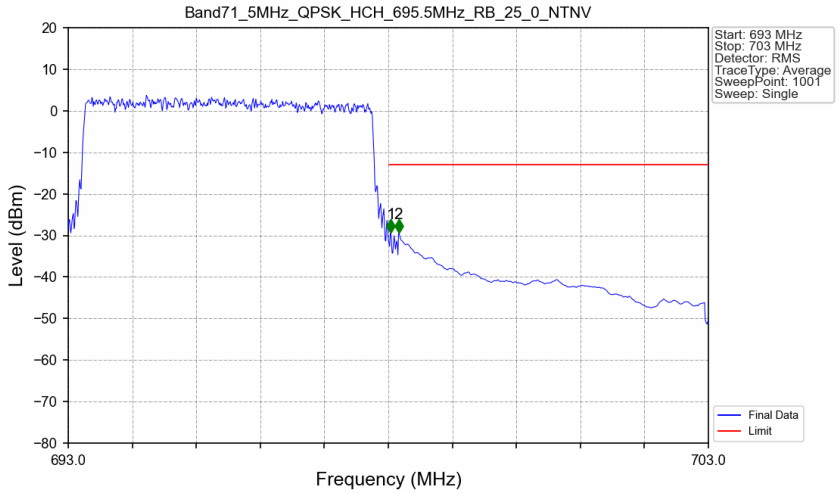


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-25.35	-13	Pass
698.1	703	0.1	CHP	2	698.160	-33.21	-13	Pass

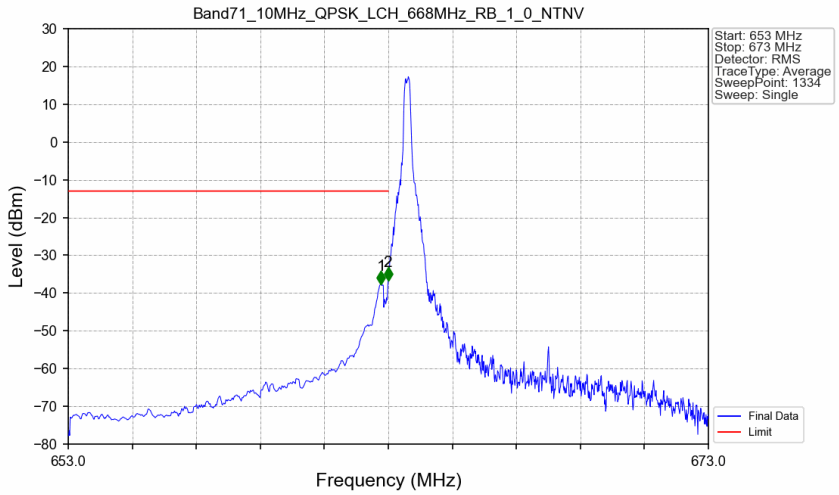
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.040	-29.34	-13	Pass
698.1	703	0.1	CHP	2	698.160	-29.27	-13	Pass

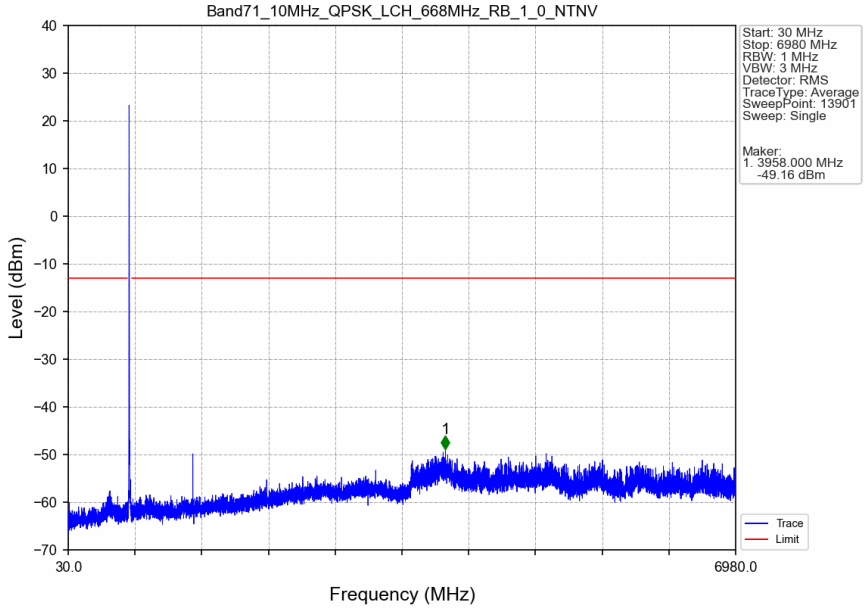
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

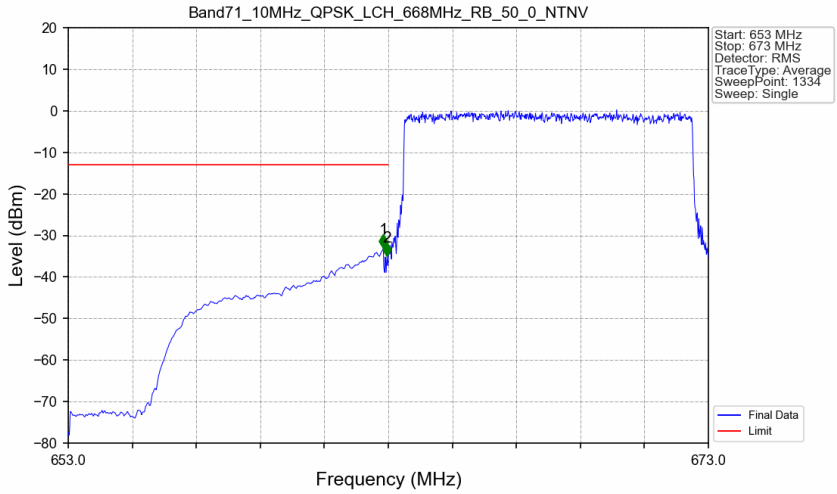


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.767	-37.70	-13	Pass
662.9	663	0.03	/	2	662.992	-36.68	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

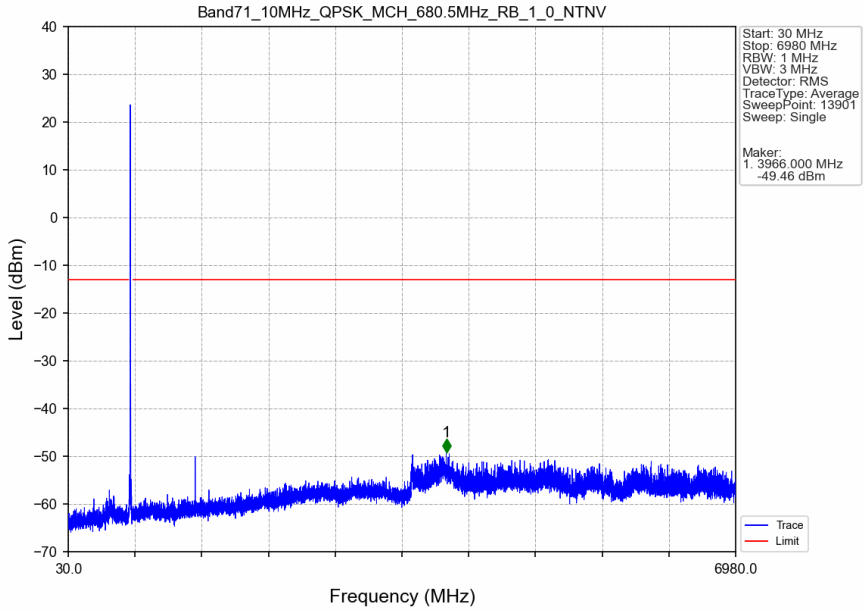


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

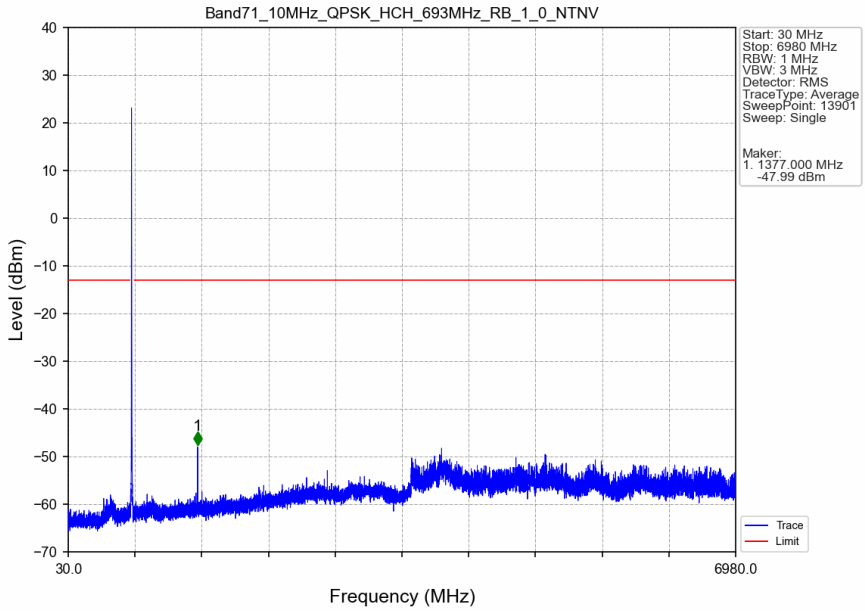


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-32.89	-13	Pass
662.9	663	0.03	/	2	662.962	-35.00	-13	Pass
663	673	0.03	/	/	/	/	/	/

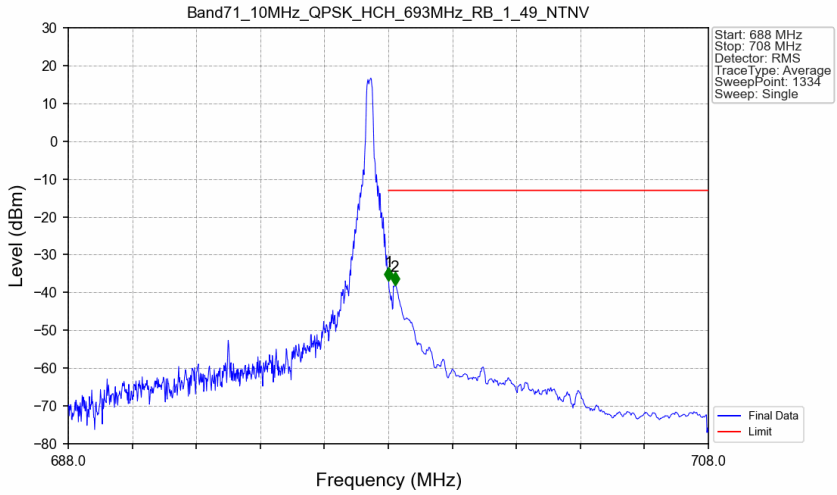
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

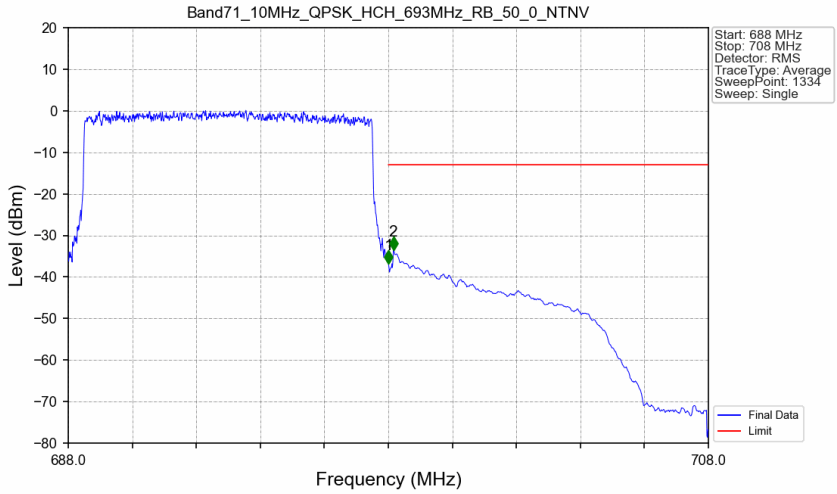


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-36.78	-13	Pass
698.1	708	0.1	CHP	2	698.203	-37.99	-13	Pass

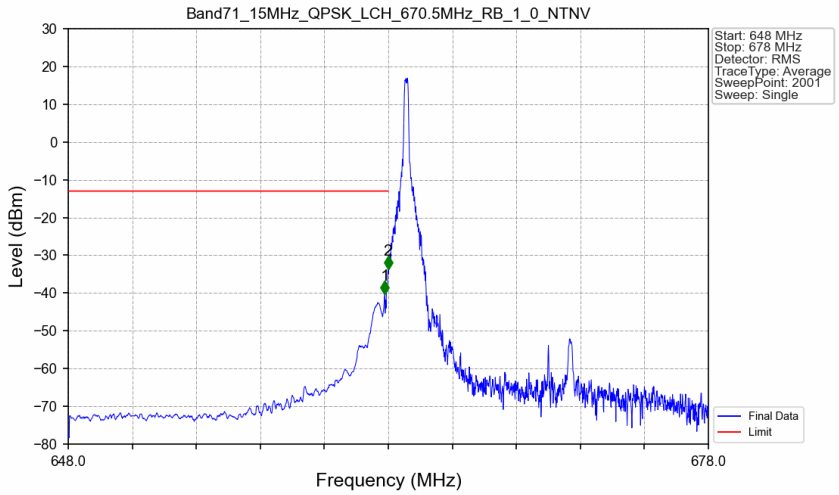
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-36.84	-13	Pass
698.1	708	0.1	CHP	2	698.158	-33.48	-13	Pass

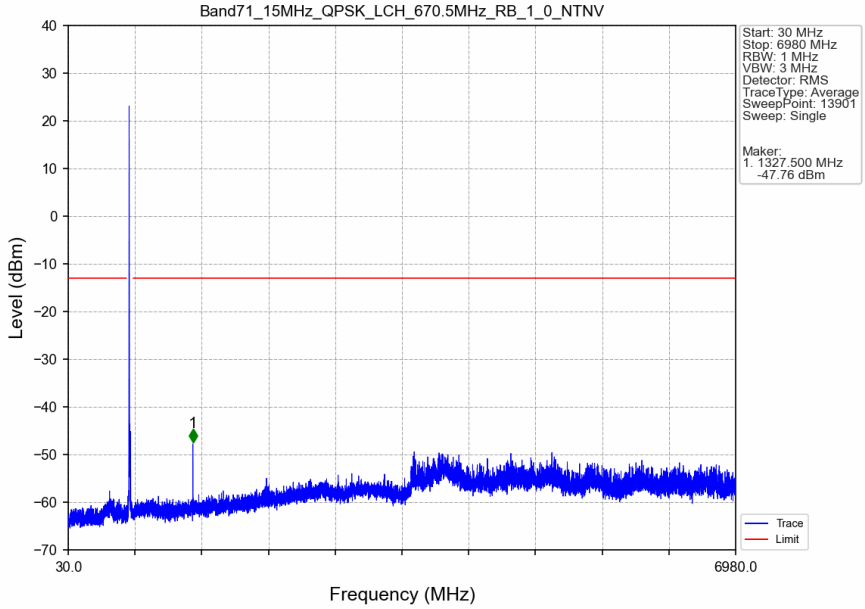
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

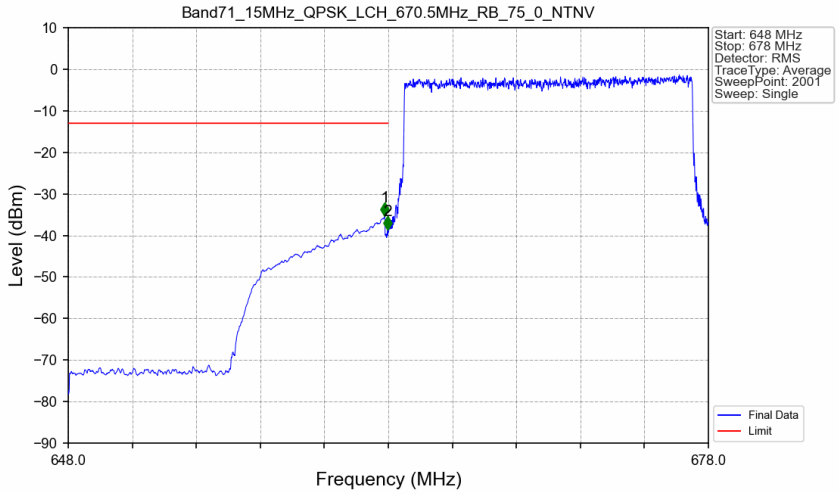


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-40.32	-13	Pass
662.9	663	0.03	/	2	662.985	-33.58	-13	Pass
663	678	0.03	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

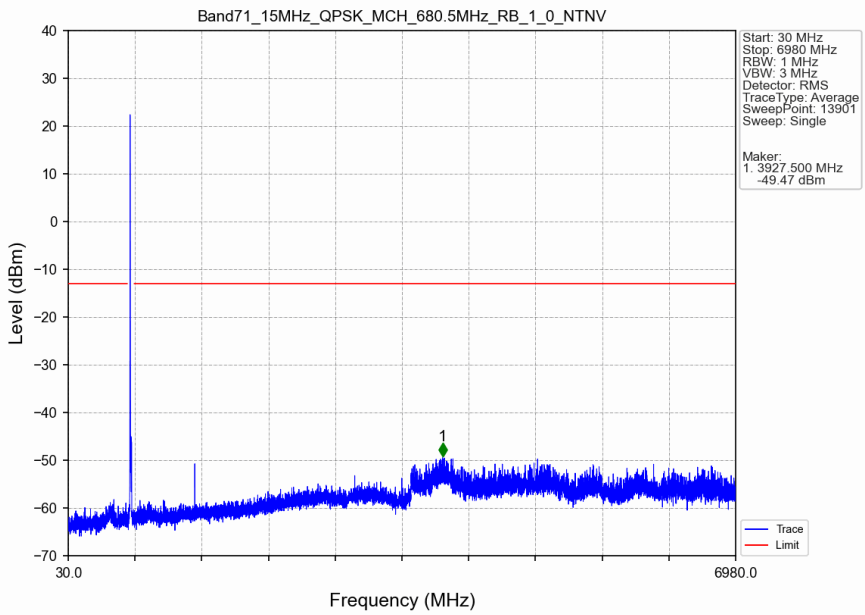


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

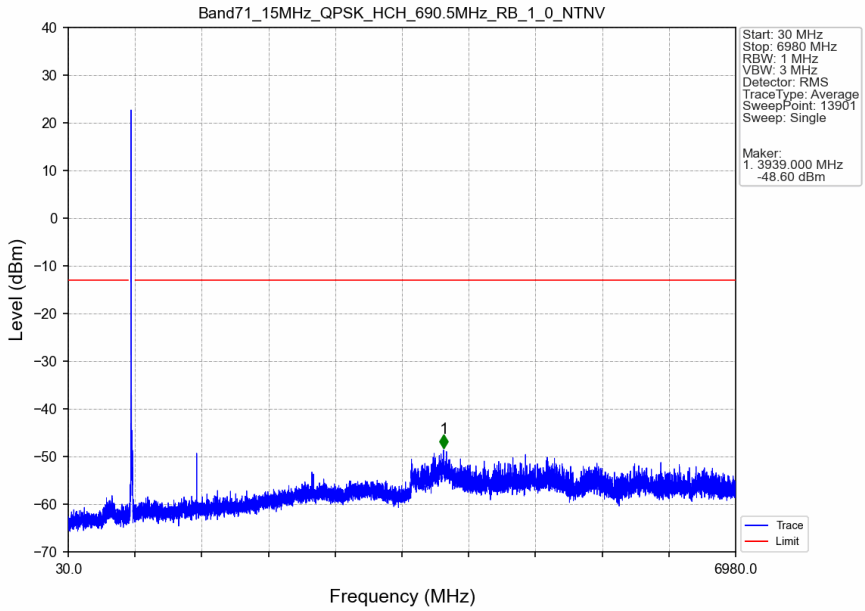


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-35.29	-13	Pass
662.9	663	0.03	/	2	662.955	-38.64	-13	Pass
663	678	0.03	/	/	/	/	/	/

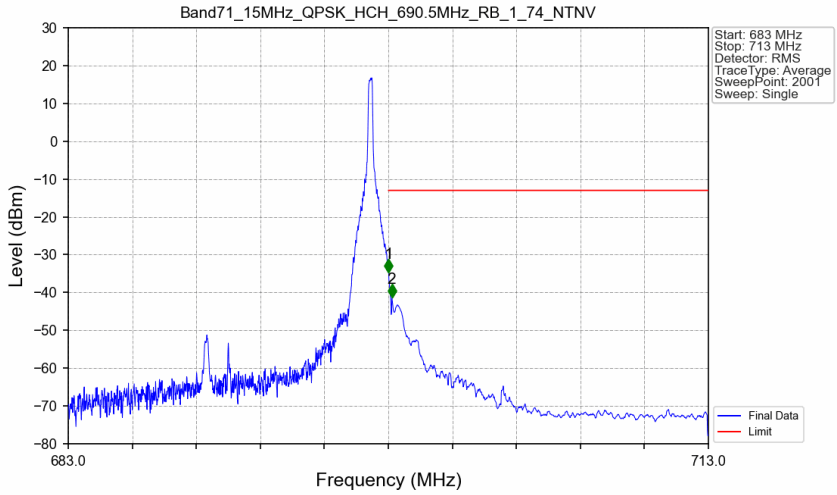
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

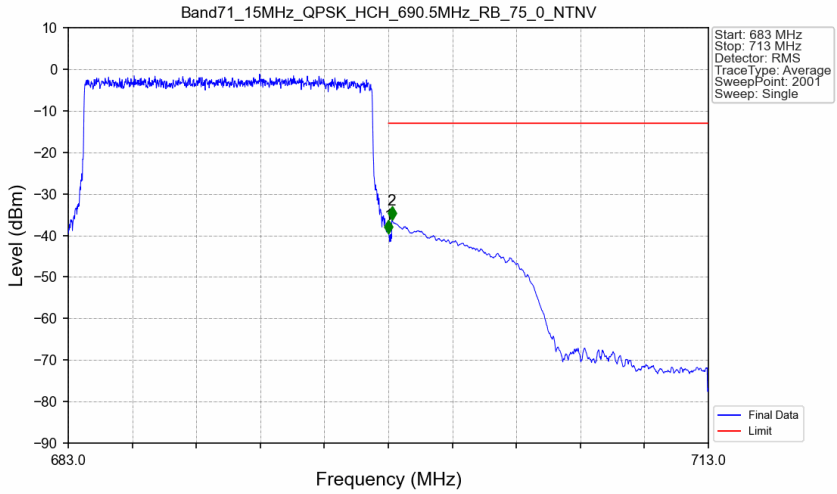


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-34.58	-13	Pass
698.1	713	0.1	CHP	2	698.165	-41.30	-13	Pass

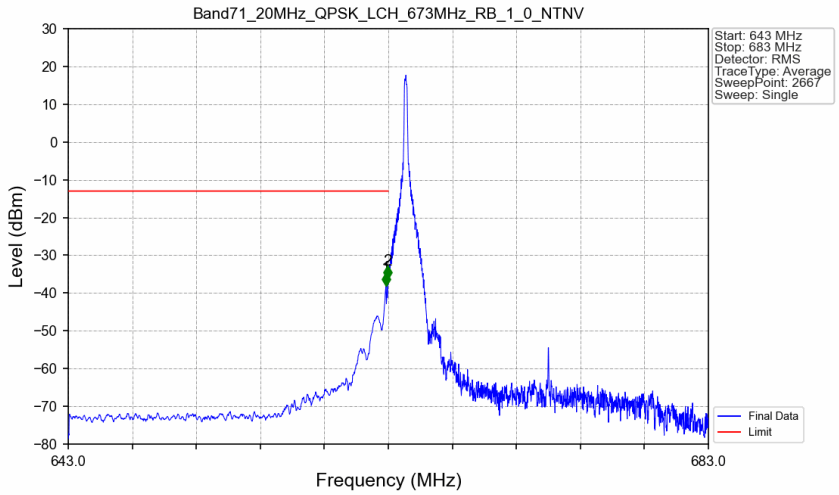
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-39.51	-13	Pass
698.1	713	0.1	CHP	2	698.165	-36.12	-13	Pass

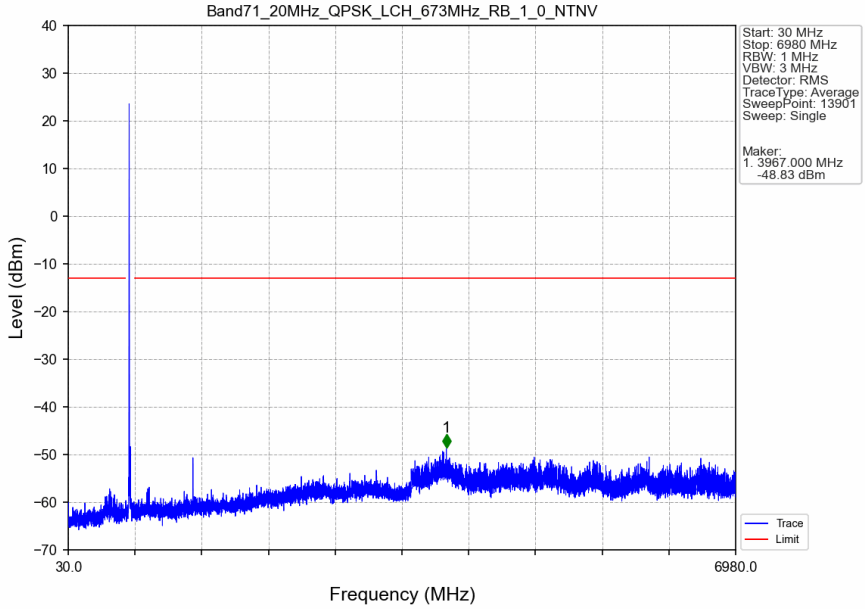
5.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

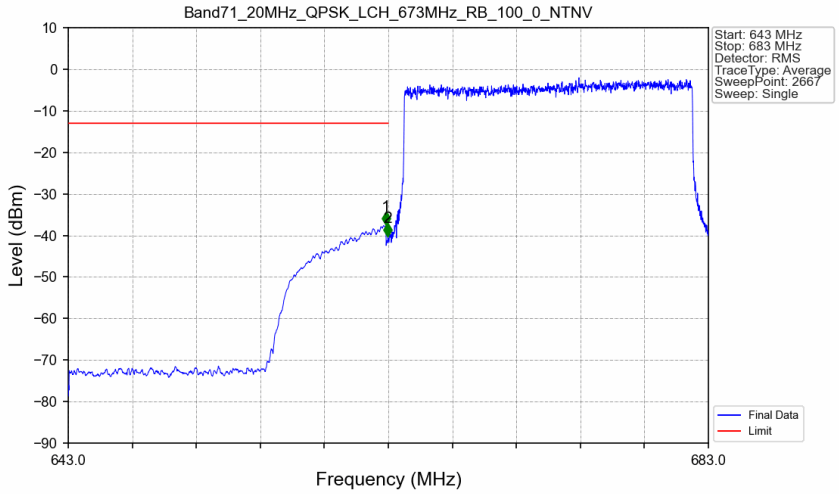


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-38.04	-13	Pass
662.9	663	0.03	/	2	662.970	-36.26	-13	Pass
663	683	0.03	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

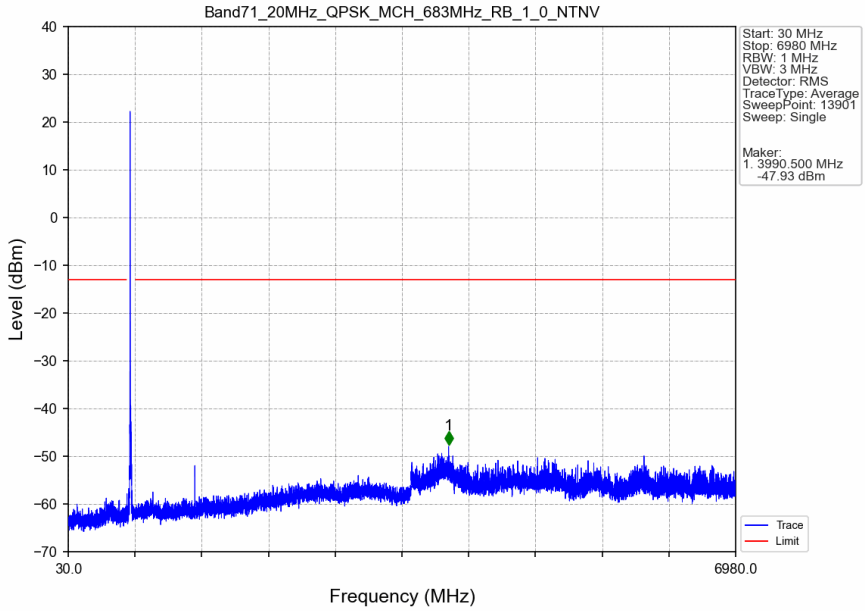


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

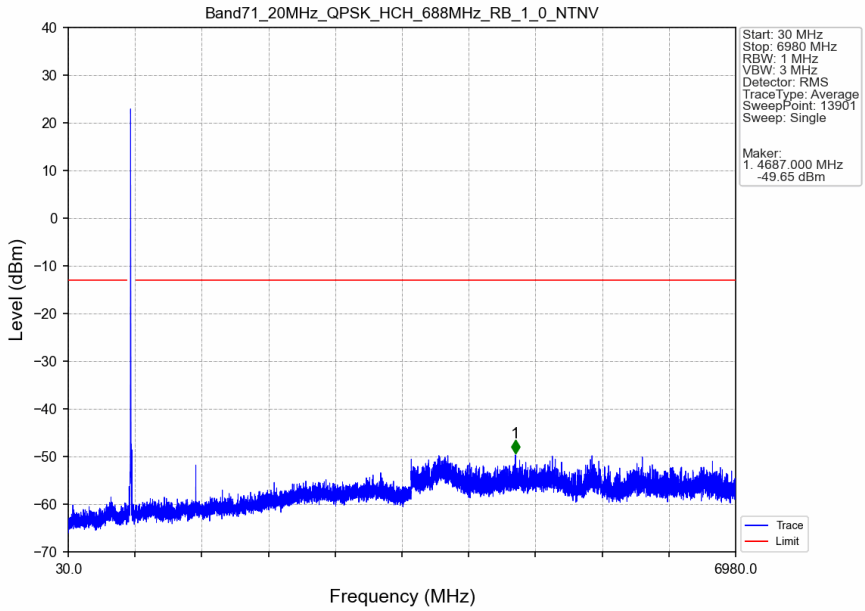


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-37.40	-13	Pass
662.9	663	0.03	/	2	662.970	-40.28	-13	Pass
663	683	0.03	/	/	/	/	/	/

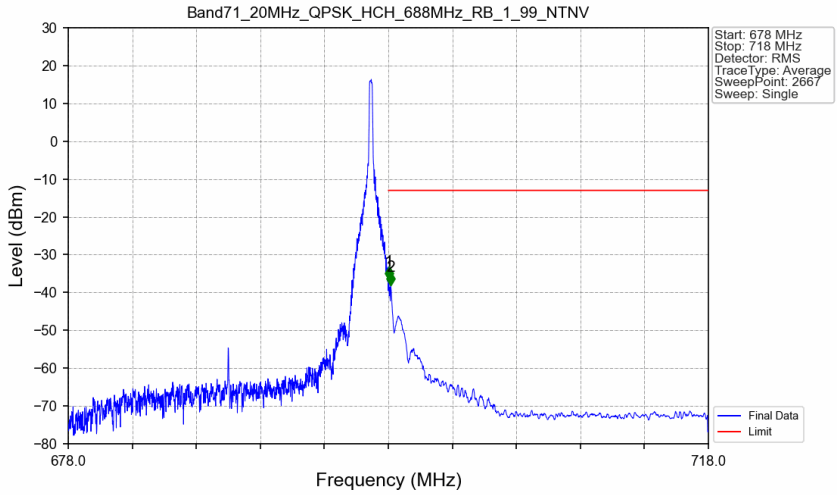
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

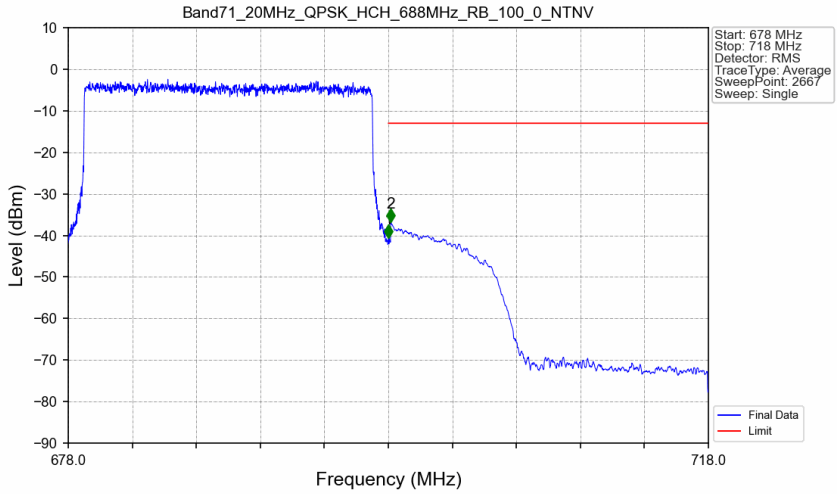


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-36.57	-13	Pass
698.1	718	0.1	CHP	2	698.150	-38.08	-13	Pass

Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-40.52	-13	Pass
698.1	718	0.1	CHP	2	698.165	-36.83	-13	Pass