

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	23.21	-2.00	19.06	<=34.77	Pass
			13	23.33	-2.00	19.18	<=34.77	Pass
			24	23.33	-2.00	19.18	<=34.77	Pass
		12	0	22.40	-2.00	18.25	<=34.77	Pass
			6	22.30	-2.00	18.15	<=34.77	Pass
			13	22.27	-2.00	18.12	<=34.77	Pass
		25	0	22.36	-2.00	18.21	<=34.77	Pass
	680.5	1	0	23.18	-2.00	19.03	<=34.77	Pass
			13	23.29	-2.00	19.14	<=34.77	Pass
			24	23.02	-2.00	18.87	<=34.77	Pass
		12	0	22.36	-2.00	18.21	<=34.77	Pass
			6	22.31	-2.00	18.16	<=34.77	Pass
			13	22.27	-2.00	18.12	<=34.77	Pass
		25	0	22.32	-2.00	18.17	<=34.77	Pass
	695.5	1	0	23.07	-2.00	18.92	<=34.77	Pass
			13	23.27	-2.00	19.12	<=34.77	Pass
			24	23.06	-2.00	18.91	<=34.77	Pass
		12	0	22.32	-2.00	18.17	<=34.77	Pass
			6	22.29	-2.00	18.14	<=34.77	Pass
			13	22.31	-2.00	18.16	<=34.77	Pass
		25	0	22.36	-2.00	18.21	<=34.77	Pass
16QAM	665.5	1	0	22.00	-2.00	17.85	<=34.77	Pass
			13	22.69	-2.00	18.54	<=34.77	Pass
			24	22.65	-2.00	18.50	<=34.77	Pass
		12	0	21.36	-2.00	17.21	<=34.77	Pass
			6	21.36	-2.00	17.21	<=34.77	Pass
			13	21.33	-2.00	17.18	<=34.77	Pass
		25	0	21.36	-2.00	17.21	<=34.77	Pass
	680.5	1	0	22.29	-2.00	18.14	<=34.77	Pass
			13	22.24	-2.00	18.09	<=34.77	Pass
			24	21.82	-2.00	17.67	<=34.77	Pass
		12	0	21.35	-2.00	17.20	<=34.77	Pass
			6	21.31	-2.00	17.16	<=34.77	Pass
			13	21.39	-2.00	17.24	<=34.77	Pass
		25	0	21.32	-2.00	17.17	<=34.77	Pass
	695.5	1	0	22.40	-2.00	18.25	<=34.77	Pass
			13	22.45	-2.00	18.30	<=34.77	Pass
			24	21.87	-2.00	17.72	<=34.77	Pass
		12	0	21.31	-2.00	17.16	<=34.77	Pass
			6	21.42	-2.00	17.27	<=34.77	Pass
			13	21.36	-2.00	17.21	<=34.77	Pass
		25	0	21.35	-2.00	17.20	<=34.77	Pass
64QAM	665.5	1	0	22.08	-2.00	17.93	<=34.77	Pass
			13	21.89	-2.00	17.74	<=34.77	Pass
			24	21.87	-2.00	17.72	<=34.77	Pass
		12	0	21.66	-2.00	17.51	<=34.77	Pass
			6	21.19	-2.00	17.04	<=34.77	Pass
			13	21.40	-2.00	17.25	<=34.77	Pass
		25	0	21.41	-2.00	17.26	<=34.77	Pass

	680.5	1	0	22.16	-2.00	18.01	<=34.77	Pass	
			13	21.41	-2.00	17.26	<=34.77	Pass	
			24	22.10	-2.00	17.95	<=34.77	Pass	
		12	0	21.37	-2.00	17.22	<=34.77	Pass	
			6	21.33	-2.00	17.18	<=34.77	Pass	
			13	21.26	-2.00	17.11	<=34.77	Pass	
		25	0	21.30	-2.00	17.15	<=34.77	Pass	
		695.5	1	0	22.02	-2.00	17.87	<=34.77	Pass
				13	22.14	-2.00	17.99	<=34.77	Pass
	24			22.10	-2.00	17.95	<=34.77	Pass	
	12		0	21.41	-2.00	17.26	<=34.77	Pass	
			6	21.35	-2.00	17.20	<=34.77	Pass	
			13	21.41	-2.00	17.26	<=34.77	Pass	
	25	0	21.35	-2.00	17.20	<=34.77	Pass		
256QAM	665.5	1	0	18.07	-2.00	13.92	<=34.77	Pass	
			13	18.37	-2.00	14.22	<=34.77	Pass	
			24	18.22	-2.00	14.07	<=34.77	Pass	
		12	0	18.64	-2.00	14.49	<=34.77	Pass	
			6	18.36	-2.00	14.21	<=34.77	Pass	
			13	18.21	-2.00	14.06	<=34.77	Pass	
		25	0	18.38	-2.00	14.23	<=34.77	Pass	
	680.5	1	0	18.08	-2.00	13.93	<=34.77	Pass	
			13	18.22	-2.00	14.07	<=34.77	Pass	
			24	18.25	-2.00	14.10	<=34.77	Pass	
		12	0	18.30	-2.00	14.15	<=34.77	Pass	
			6	18.37	-2.00	14.22	<=34.77	Pass	
			13	18.19	-2.00	14.04	<=34.77	Pass	
		25	0	18.26	-2.00	14.11	<=34.77	Pass	
	695.5	1	0	18.50	-2.00	14.35	<=34.77	Pass	
			13	18.12	-2.00	13.97	<=34.77	Pass	
			24	18.17	-2.00	14.02	<=34.77	Pass	
		12	0	18.35	-2.00	14.20	<=34.77	Pass	
			6	18.25	-2.00	14.10	<=34.77	Pass	
			13	18.38	-2.00	14.23	<=34.77	Pass	
		25	0	18.33	-2.00	14.18	<=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	23.16	-2.00	19.01	<=34.77	Pass
			25	23.38	-2.00	19.23	<=34.77	Pass
			49	23.23	-2.00	19.08	<=34.77	Pass
		25	0	22.40	-2.00	18.25	<=34.77	Pass
			13	22.34	-2.00	18.19	<=34.77	Pass
			25	22.28	-2.00	18.13	<=34.77	Pass
		50	0	22.44	-2.00	18.29	<=34.77	Pass
	680.5	1	0	23.21	-2.00	19.06	<=34.77	Pass
			25	23.07	-2.00	18.92	<=34.77	Pass
			49	22.95	-2.00	18.80	<=34.77	Pass
		25	0	22.29	-2.00	18.14	<=34.77	Pass
			13	22.24	-2.00	18.09	<=34.77	Pass
			25	22.17	-2.00	18.02	<=34.77	Pass
		50	0	22.27	-2.00	18.12	<=34.77	Pass
	693	1	0	23.02	-2.00	18.87	<=34.77	Pass

		25	25	23.28	-2.00	19.13	<=34.77	Pass
			49	23.13	-2.00	18.98	<=34.77	Pass
			0	22.25	-2.00	18.10	<=34.77	Pass
			13	22.20	-2.00	18.05	<=34.77	Pass
			25	22.15	-2.00	18.00	<=34.77	Pass
		50	0	22.29	-2.00	18.14	<=34.77	Pass
16QAM	668	1	0	22.14	-2.00	17.99	<=34.77	Pass
			25	22.24	-2.00	18.09	<=34.77	Pass
			49	21.99	-2.00	17.84	<=34.77	Pass
		25	0	21.37	-2.00	17.22	<=34.77	Pass
			13	21.33	-2.00	17.18	<=34.77	Pass
			25	21.30	-2.00	17.15	<=34.77	Pass
		50	0	21.27	-2.00	17.12	<=34.77	Pass
	680.5	1	0	22.08	-2.00	17.93	<=34.77	Pass
			25	22.09	-2.00	17.94	<=34.77	Pass
			49	21.81	-2.00	17.66	<=34.77	Pass
		25	0	21.26	-2.00	17.11	<=34.77	Pass
			13	21.20	-2.00	17.05	<=34.77	Pass
			25	21.25	-2.00	17.10	<=34.77	Pass
		50	0	21.32	-2.00	17.17	<=34.77	Pass
	693	1	0	22.32	-2.00	18.17	<=34.77	Pass
			25	22.14	-2.00	17.99	<=34.77	Pass
			49	22.19	-2.00	18.04	<=34.77	Pass
		25	0	21.22	-2.00	17.07	<=34.77	Pass
			13	21.28	-2.00	17.13	<=34.77	Pass
			25	21.22	-2.00	17.07	<=34.77	Pass
		50	0	21.28	-2.00	17.13	<=34.77	Pass
64QAM	668	1	0	22.34	-2.00	18.19	<=34.77	Pass
			25	22.20	-2.00	18.05	<=34.77	Pass
			49	22.07	-2.00	17.92	<=34.77	Pass
		25	0	21.38	-2.00	17.23	<=34.77	Pass
			13	21.41	-2.00	17.26	<=34.77	Pass
			25	21.22	-2.00	17.07	<=34.77	Pass
		50	0	21.42	-2.00	17.27	<=34.77	Pass
	680.5	1	0	21.97	-2.00	17.82	<=34.77	Pass
			25	21.86	-2.00	17.71	<=34.77	Pass
			49	22.09	-2.00	17.94	<=34.77	Pass
		25	0	21.24	-2.00	17.09	<=34.77	Pass
			13	21.20	-2.00	17.05	<=34.77	Pass
			25	21.23	-2.00	17.08	<=34.77	Pass
		50	0	21.24	-2.00	17.09	<=34.77	Pass
	693	1	0	22.10	-2.00	17.95	<=34.77	Pass
			25	22.13	-2.00	17.98	<=34.77	Pass
			49	21.98	-2.00	17.83	<=34.77	Pass
		25	0	21.22	-2.00	17.07	<=34.77	Pass
			13	21.28	-2.00	17.13	<=34.77	Pass
			25	21.23	-2.00	17.08	<=34.77	Pass
		50	0	21.30	-2.00	17.15	<=34.77	Pass
256QAM	668	1	0	18.19	-2.00	14.04	<=34.77	Pass
			25	18.01	-2.00	13.86	<=34.77	Pass
			49	18.01	-2.00	13.86	<=34.77	Pass
		25	0	18.27	-2.00	14.12	<=34.77	Pass
			13	18.37	-2.00	14.22	<=34.77	Pass
			25	18.39	-2.00	14.24	<=34.77	Pass
		50	0	18.69	-2.00	14.54	<=34.77	Pass
	680.5	1	0	17.94	-2.00	13.79	<=34.77	Pass
			25	17.98	-2.00	13.83	<=34.77	Pass
			49	18.16	-2.00	14.01	<=34.77	Pass
		25	0	18.33	-2.00	14.18	<=34.77	Pass
			0	18.33	-2.00	14.18	<=34.77	Pass

			13	18.29	-2.00	14.14	<=34.77	Pass
			25	18.22	-2.00	14.07	<=34.77	Pass
		50	0	18.27	-2.00	14.12	<=34.77	Pass
	693	1	0	18.26	-2.00	14.11	<=34.77	Pass
			25	18.28	-2.00	14.13	<=34.77	Pass
			49	18.30	-2.00	14.15	<=34.77	Pass
		25	0	18.22	-2.00	14.07	<=34.77	Pass
			13	18.21	-2.00	14.06	<=34.77	Pass
			25	18.22	-2.00	14.07	<=34.77	Pass
		50	0	18.28	-2.00	14.13	<=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	23.57	-2.00	19.42	<=34.77	Pass
			38	23.36	-2.00	19.21	<=34.77	Pass
			74	23.17	-2.00	19.02	<=34.77	Pass
		36	0	22.12	-2.00	17.97	<=34.77	Pass
			18	22.31	-2.00	18.16	<=34.77	Pass
			39	22.24	-2.00	18.09	<=34.77	Pass
		75	0	22.42	-2.00	18.27	<=34.77	Pass
	680.5	1	0	23.40	-2.00	19.25	<=34.77	Pass
			38	23.42	-2.00	19.27	<=34.77	Pass
			74	23.15	-2.00	19.00	<=34.77	Pass
		36	0	22.26	-2.00	18.11	<=34.77	Pass
			18	22.16	-2.00	18.01	<=34.77	Pass
			39	22.13	-2.00	17.98	<=34.77	Pass
		75	0	22.31	-2.00	18.16	<=34.77	Pass
	690.5	1	0	23.55	-2.00	19.40	<=34.77	Pass
			38	22.73	-2.00	18.58	<=34.77	Pass
			74	23.17	-2.00	19.02	<=34.77	Pass
		36	0	22.22	-2.00	18.07	<=34.77	Pass
			18	22.14	-2.00	17.99	<=34.77	Pass
			39	22.14	-2.00	17.99	<=34.77	Pass
		75	0	22.30	-2.00	18.15	<=34.77	Pass
16QAM	670.5	1	0	22.31	-2.00	18.16	<=34.77	Pass
			38	22.07	-2.00	17.92	<=34.77	Pass
			74	22.30	-2.00	18.15	<=34.77	Pass
		36	0	21.25	-2.00	17.10	<=34.77	Pass
			18	21.43	-2.00	17.28	<=34.77	Pass
			39	21.24	-2.00	17.09	<=34.77	Pass
		75	0	21.54	-2.00	17.39	<=34.77	Pass
	680.5	1	0	22.14	-2.00	17.99	<=34.77	Pass
			38	21.85	-2.00	17.70	<=34.77	Pass
			74	22.18	-2.00	18.03	<=34.77	Pass
		36	0	21.25	-2.00	17.10	<=34.77	Pass
			18	21.24	-2.00	17.09	<=34.77	Pass
			39	21.20	-2.00	17.05	<=34.77	Pass
		75	0	21.31	-2.00	17.16	<=34.77	Pass
	690.5	1	0	22.16	-2.00	18.01	<=34.77	Pass
			38	22.28	-2.00	18.13	<=34.77	Pass
			74	21.86	-2.00	17.71	<=34.77	Pass
		36	0	21.13	-2.00	16.98	<=34.77	Pass
			18	21.24	-2.00	17.09	<=34.77	Pass

			39	21.26	-2.00	17.11	<=34.77	Pass	
		75	0	21.31	-2.00	17.16	<=34.77	Pass	
64QAM	670.5	1	0	22.15	-2.00	18.00	<=34.77	Pass	
			38	21.97	-2.00	17.82	<=34.77	Pass	
			74	22.31	-2.00	18.16	<=34.77	Pass	
			0	21.32	-2.00	17.17	<=34.77	Pass	
		36	18	21.40	-2.00	17.25	<=34.77	Pass	
			39	21.22	-2.00	17.07	<=34.77	Pass	
			75	0	21.45	-2.00	17.30	<=34.77	Pass
		680.5	1	0	22.06	-2.00	17.91	<=34.77	Pass
				38	22.13	-2.00	17.98	<=34.77	Pass
				74	22.09	-2.00	17.94	<=34.77	Pass
	36		0	21.26	-2.00	17.11	<=34.77	Pass	
			18	21.26	-2.00	17.11	<=34.77	Pass	
			39	21.13	-2.00	16.98	<=34.77	Pass	
	75		0	21.30	-2.00	17.15	<=34.77	Pass	
	690.5	1	0	21.86	-2.00	17.71	<=34.77	Pass	
			38	22.00	-2.00	17.85	<=34.77	Pass	
			74	22.08	-2.00	17.93	<=34.77	Pass	
		36	0	21.22	-2.00	17.07	<=34.77	Pass	
			18	21.24	-2.00	17.09	<=34.77	Pass	
			39	21.13	-2.00	16.98	<=34.77	Pass	
		75	0	21.33	-2.00	17.18	<=34.77	Pass	
		256QAM	670.5	1	0	18.50	-2.00	14.35	<=34.77
38	18.28				-2.00	14.13	<=34.77	Pass	
74	18.48				-2.00	14.33	<=34.77	Pass	
36	0			18.35	-2.00	14.20	<=34.77	Pass	
	18			18.39	-2.00	14.24	<=34.77	Pass	
	39			18.28	-2.00	14.13	<=34.77	Pass	
75	0			18.41	-2.00	14.26	<=34.77	Pass	
680.5	1		0	18.30	-2.00	14.15	<=34.77	Pass	
			38	18.10	-2.00	13.95	<=34.77	Pass	
			74	17.96	-2.00	13.81	<=34.77	Pass	
	36		0	18.14	-2.00	13.99	<=34.77	Pass	
			18	18.24	-2.00	14.09	<=34.77	Pass	
			39	18.21	-2.00	14.06	<=34.77	Pass	
75	0		18.26	-2.00	14.11	<=34.77	Pass		
690.5	1		0	18.16	-2.00	14.01	<=34.77	Pass	
			38	17.90	-2.00	13.75	<=34.77	Pass	
			74	18.38	-2.00	14.23	<=34.77	Pass	
	36		0	18.09	-2.00	13.94	<=34.77	Pass	
			18	18.23	-2.00	14.08	<=34.77	Pass	
			39	18.28	-2.00	14.13	<=34.77	Pass	
	75		0	18.29	-2.00	14.14	<=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	23.47	-2.00	19.32	<=34.77	Pass
			50	23.47	-2.00	19.32	<=34.77	Pass
			99	23.59	-2.00	19.44	<=34.77	Pass
		50	0	22.36	-2.00	18.21	<=34.77	Pass
			25	22.21	-2.00	18.06	<=34.77	Pass
			50	22.18	-2.00	18.03	<=34.77	Pass

	683	100	0	22.28	-2.00	18.13	<=34.77	Pass	
		1	0	23.63	-2.00	19.48	<=34.77	Pass	
			50	23.64	-2.00	19.49	<=34.77	Pass	
			99	23.34	-2.00	19.19	<=34.77	Pass	
			0	22.32	-2.00	18.17	<=34.77	Pass	
		50	25	22.22	-2.00	18.07	<=34.77	Pass	
			50	22.05	-2.00	17.90	<=34.77	Pass	
			100	0	22.23	-2.00	18.08	<=34.77	Pass
		688	1	0	23.24	-2.00	19.09	<=34.77	Pass
				50	22.50	-2.00	18.35	<=34.77	Pass
	99			23.37	-2.00	19.22	<=34.77	Pass	
	50		0	22.36	-2.00	18.21	<=34.77	Pass	
			25	22.18	-2.00	18.03	<=34.77	Pass	
			50	22.13	-2.00	17.98	<=34.77	Pass	
	100		0	22.24	-2.00	18.09	<=34.77	Pass	
16QAM	673	1	0	22.67	-2.00	18.52	<=34.77	Pass	
			50	22.51	-2.00	18.36	<=34.77	Pass	
			99	22.04	-2.00	17.89	<=34.77	Pass	
		50	0	21.31	-2.00	17.16	<=34.77	Pass	
			25	21.29	-2.00	17.14	<=34.77	Pass	
			50	21.22	-2.00	17.07	<=34.77	Pass	
		100	0	21.26	-2.00	17.11	<=34.77	Pass	
	683	1	0	22.19	-2.00	18.04	<=34.77	Pass	
			50	22.20	-2.00	18.05	<=34.77	Pass	
			99	22.02	-2.00	17.87	<=34.77	Pass	
		50	0	21.39	-2.00	17.24	<=34.77	Pass	
			25	21.23	-2.00	17.08	<=34.77	Pass	
			50	21.04	-2.00	16.89	<=34.77	Pass	
		100	0	21.28	-2.00	17.13	<=34.77	Pass	
	688	1	0	22.51	-2.00	18.36	<=34.77	Pass	
			50	21.78	-2.00	17.63	<=34.77	Pass	
			99	21.66	-2.00	17.51	<=34.77	Pass	
		50	0	21.34	-2.00	17.19	<=34.77	Pass	
			25	21.16	-2.00	17.01	<=34.77	Pass	
			50	21.09	-2.00	16.94	<=34.77	Pass	
		100	0	21.23	-2.00	17.08	<=34.77	Pass	
64QAM	673	1	0	22.17	-2.00	18.02	<=34.77	Pass	
			50	22.25	-2.00	18.10	<=34.77	Pass	
			99	22.43	-2.00	18.28	<=34.77	Pass	
		50	0	21.35	-2.00	17.20	<=34.77	Pass	
			25	21.33	-2.00	17.18	<=34.77	Pass	
			50	21.22	-2.00	17.07	<=34.77	Pass	
		100	0	21.23	-2.00	17.08	<=34.77	Pass	
	683	1	0	22.34	-2.00	18.19	<=34.77	Pass	
			50	22.08	-2.00	17.93	<=34.77	Pass	
			99	21.86	-2.00	17.71	<=34.77	Pass	
		50	0	21.27	-2.00	17.12	<=34.77	Pass	
			25	21.20	-2.00	17.05	<=34.77	Pass	
			50	21.06	-2.00	16.91	<=34.77	Pass	
		100	0	21.21	-2.00	17.06	<=34.77	Pass	
	688	1	0	22.30	-2.00	18.15	<=34.77	Pass	
			50	22.36	-2.00	18.21	<=34.77	Pass	
			99	21.56	-2.00	17.41	<=34.77	Pass	
		50	0	21.35	-2.00	17.20	<=34.77	Pass	
			25	21.26	-2.00	17.11	<=34.77	Pass	
			50	21.09	-2.00	16.94	<=34.77	Pass	
		100	0	21.24	-2.00	17.09	<=34.77	Pass	
256QAM	673	1	0	18.06	-2.00	13.91	<=34.77	Pass	
			50	18.32	-2.00	14.17	<=34.77	Pass	

			99	18.19	-2.00	14.04	<=34.77	Pass
		50	0	18.01	-2.00	13.86	<=34.77	Pass
			25	18.29	-2.00	14.14	<=34.77	Pass
			50	18.19	-2.00	14.04	<=34.77	Pass
		100	0	18.39	-2.00	14.24	<=34.77	Pass
	683	1	0	18.19	-2.00	14.04	<=34.77	Pass
			50	17.95	-2.00	13.80	<=34.77	Pass
			99	18.05	-2.00	13.90	<=34.77	Pass
		50	0	18.35	-2.00	14.20	<=34.77	Pass
			25	18.27	-2.00	14.12	<=34.77	Pass
			50	18.09	-2.00	13.94	<=34.77	Pass
		100	0	18.26	-2.00	14.11	<=34.77	Pass
	688	1	0	18.11	-2.00	13.96	<=34.77	Pass
			50	18.10	-2.00	13.95	<=34.77	Pass
			99	18.08	-2.00	13.93	<=34.77	Pass
		50	0	18.39	-2.00	14.24	<=34.77	Pass
			25	18.20	-2.00	14.05	<=34.77	Pass
			50	18.16	-2.00	14.01	<=34.77	Pass
		100	0	18.29	-2.00	14.14	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	680.5	50	0	20	LV	-1.300	-0.0019	-2.5 to 2.5	Pass
					NV	-2.400	-0.0035	-2.5 to 2.5	Pass
					HV	-0.300	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	NV	0.200	0.0003	-2.5 to 2.5	Pass
				-10	NV	0.600	0.0009	-2.5 to 2.5	Pass
				0	NV	0.200	0.0003	-2.5 to 2.5	Pass
				10	NV	0.400	0.0006	-2.5 to 2.5	Pass
				30	NV	-0.700	-0.0010	-2.5 to 2.5	Pass
				40	NV	-1.100	-0.0016	-2.5 to 2.5	Pass
				50	NV	-1.300	-0.0019	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

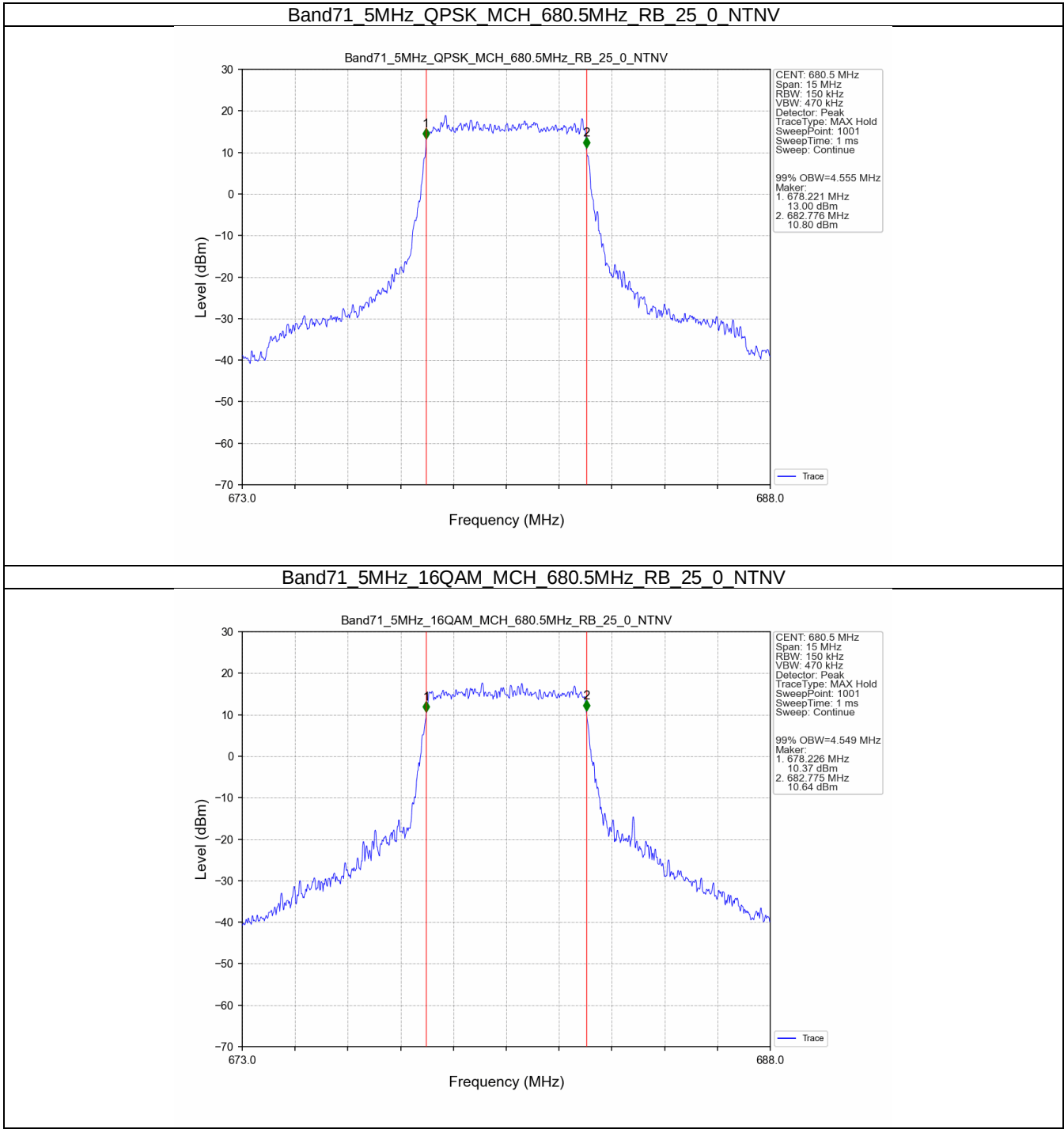
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.555	/	Pass
	16QAM	680.5	25	0	4.549	/	Pass
10	QPSK	680.5	50	0	9.059	/	Pass
	16QAM	680.5	50	0	9.045	/	Pass
15	QPSK	680.5	75	0	13.580	/	Pass
	16QAM	680.5	75	0	13.592	/	Pass
20	QPSK	683	100	0	18.126	/	Pass
	16QAM	683	100	0	18.044	/	Pass

3.1.2 Band71_XDB

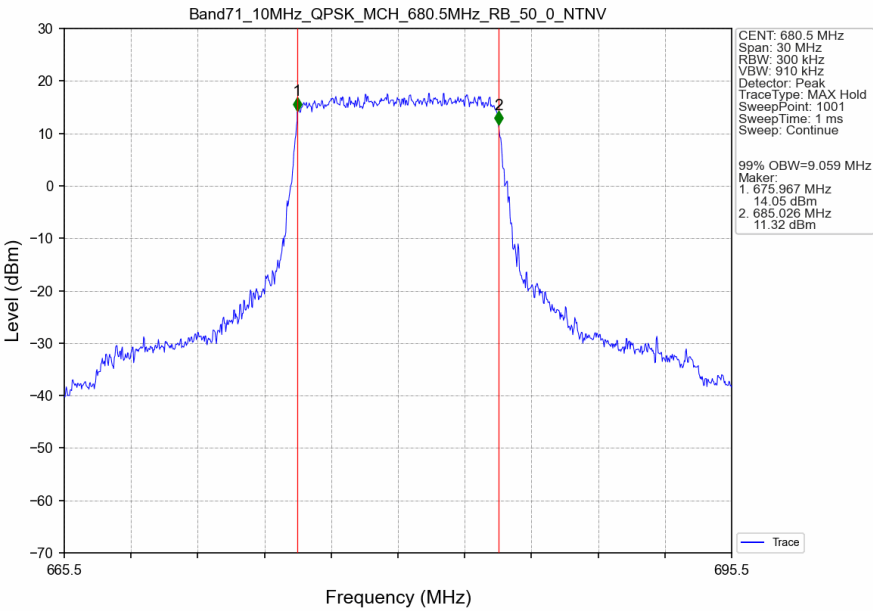
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.234	/	Pass
	16QAM	680.5	25	0	5.184	/	Pass
10	QPSK	680.5	50	0	10.172	/	Pass
	16QAM	680.5	50	0	10.171	/	Pass
15	QPSK	680.5	75	0	15.185	/	Pass
	16QAM	680.5	75	0	15.142	/	Pass
20	QPSK	683	100	0	20.194	/	Pass
	16QAM	683	100	0	19.980	/	Pass

3.2 Test Graph

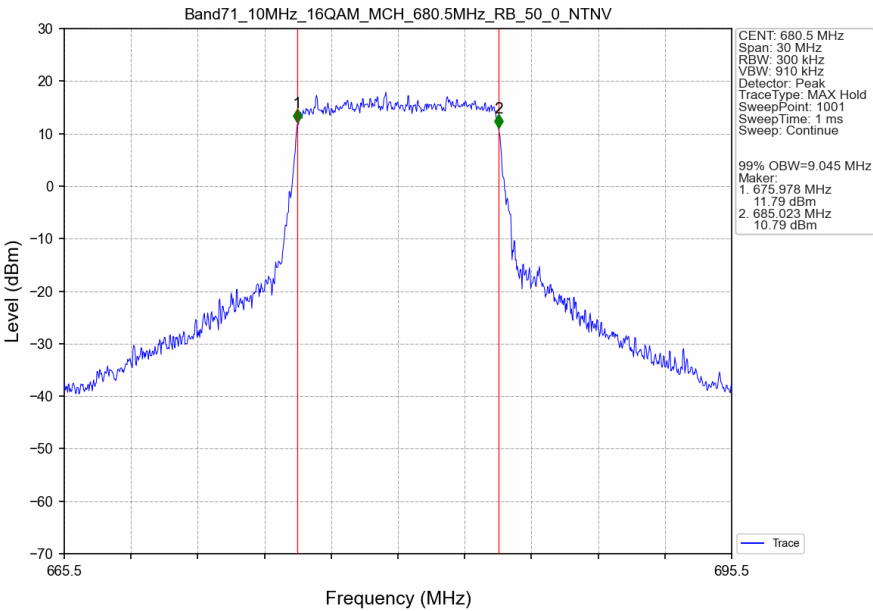
3.2.1 Band71_OBW



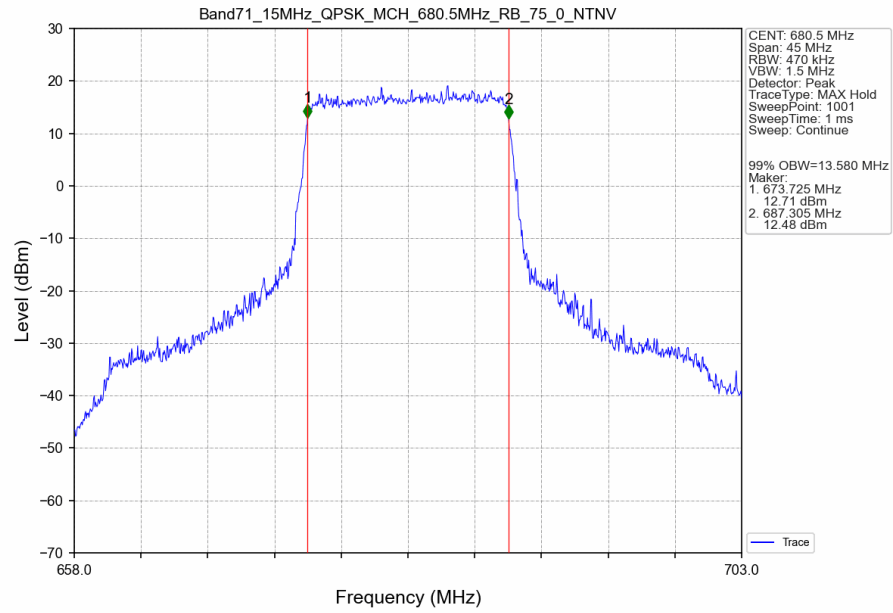
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



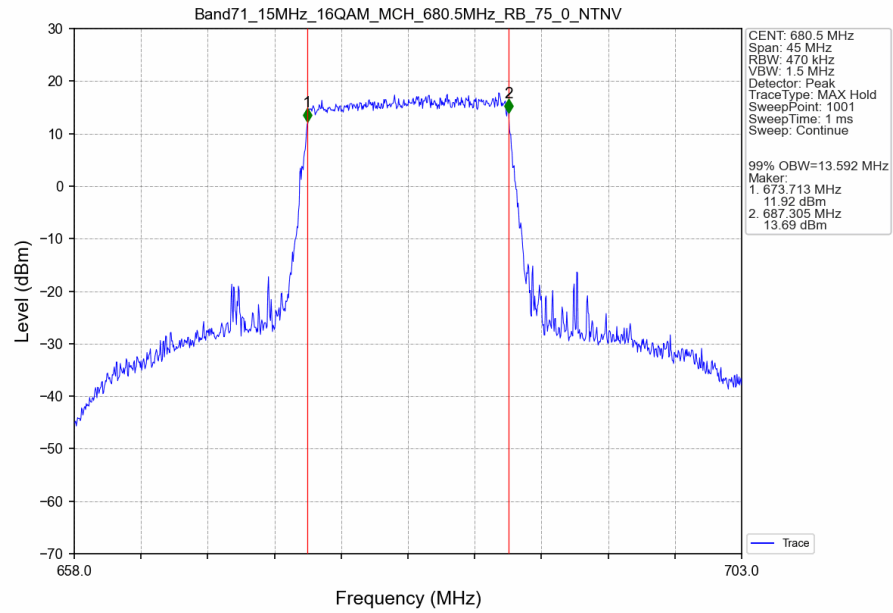
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



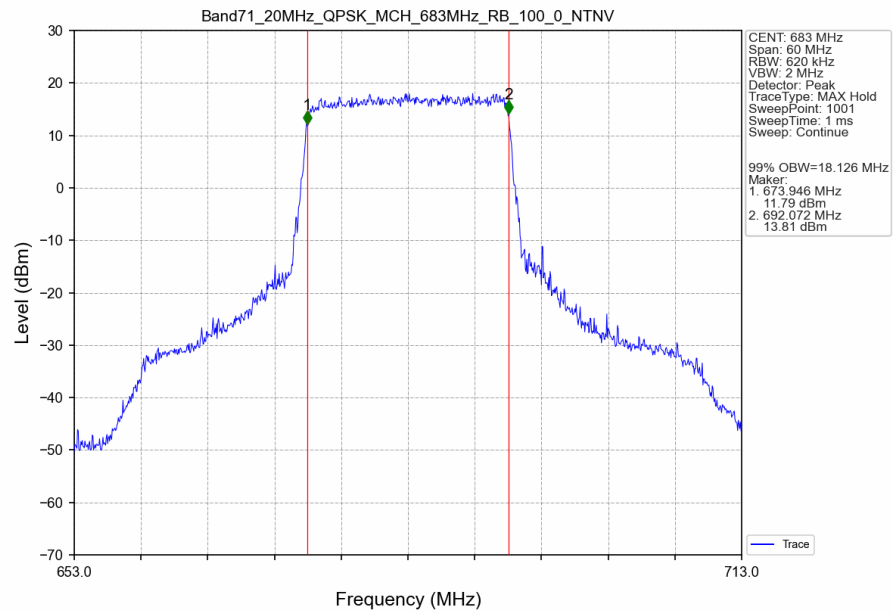
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTV



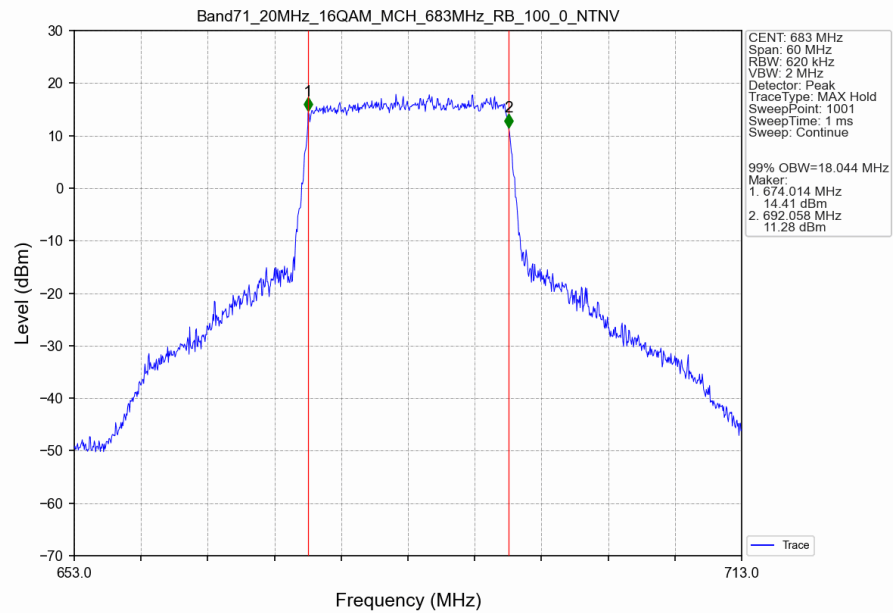
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTV



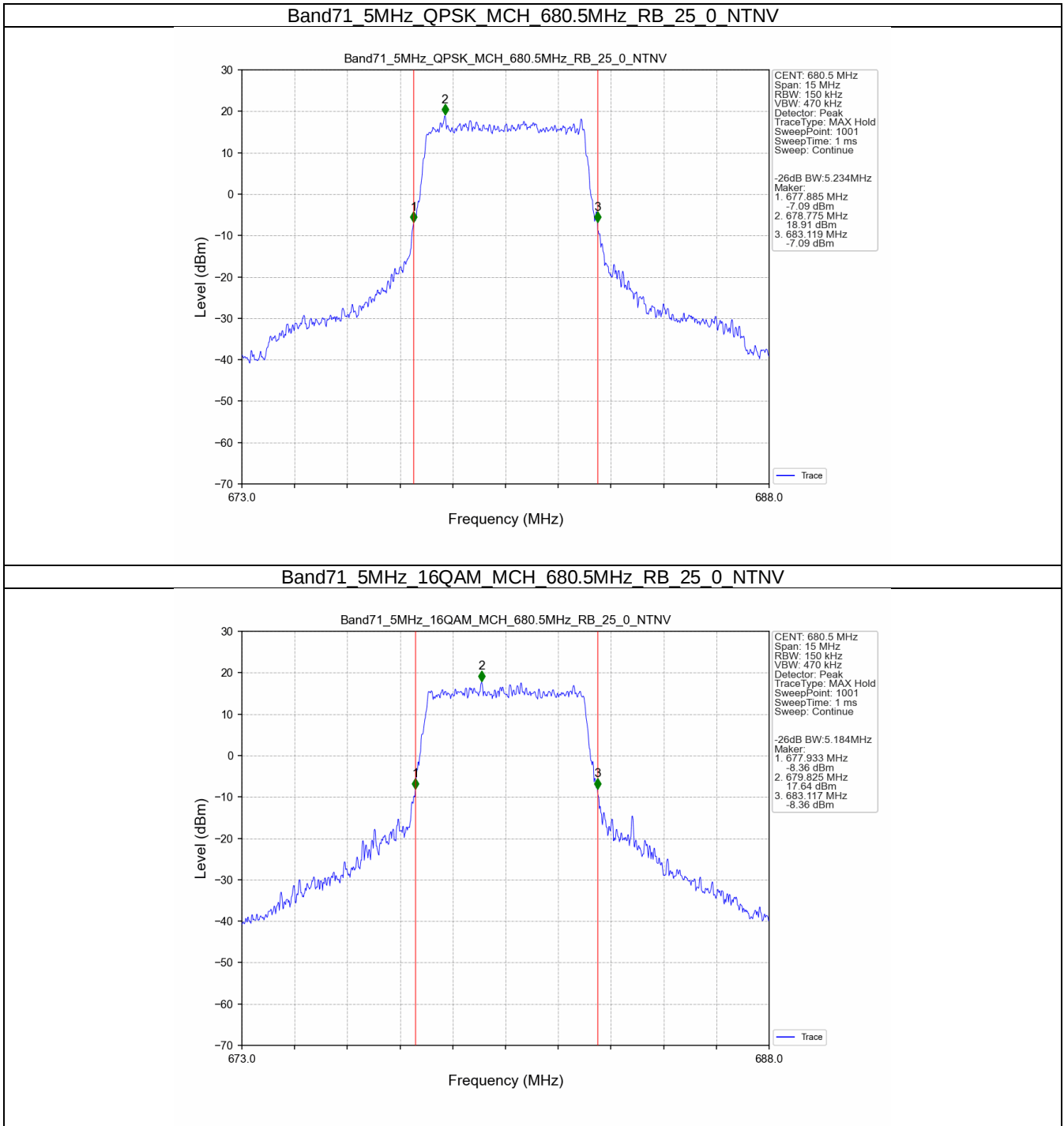
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



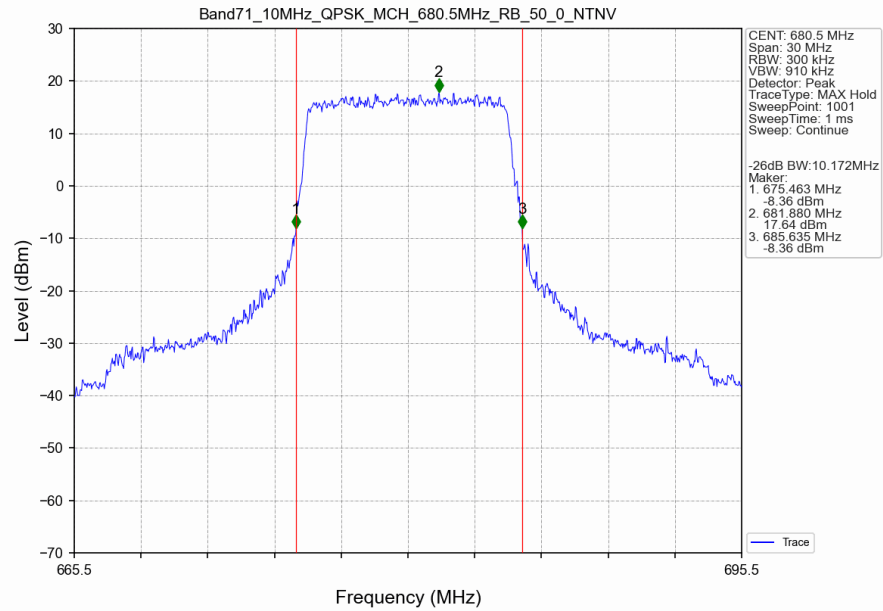
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



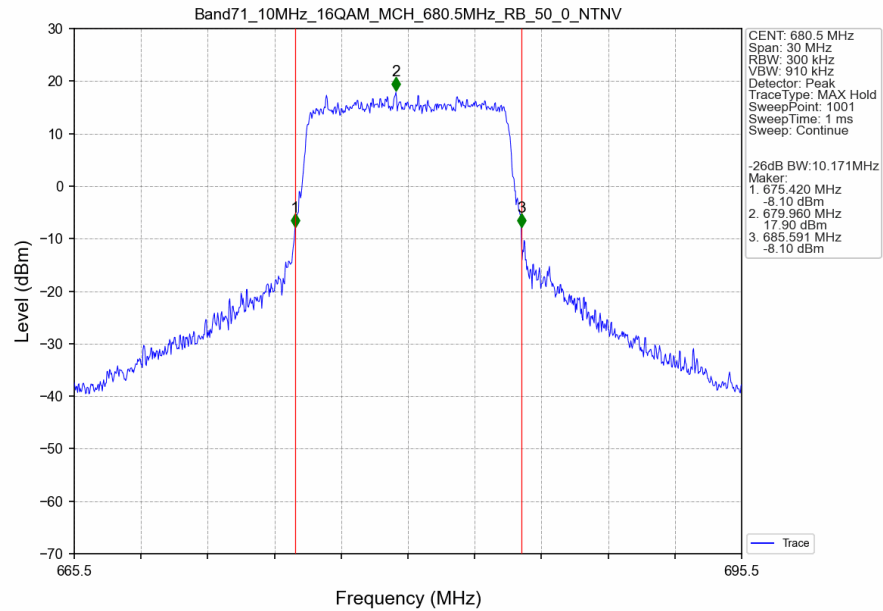
3.2.2 Band71_XDB



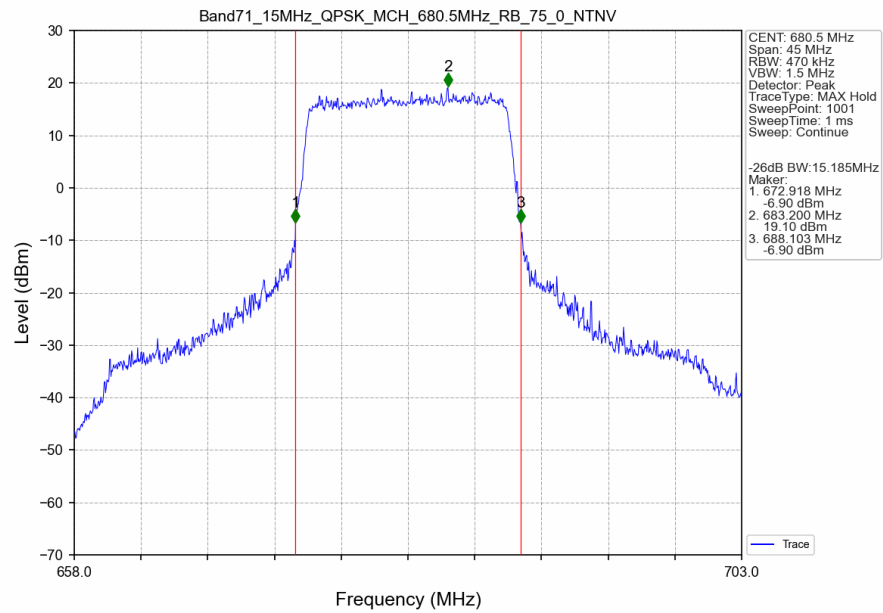
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



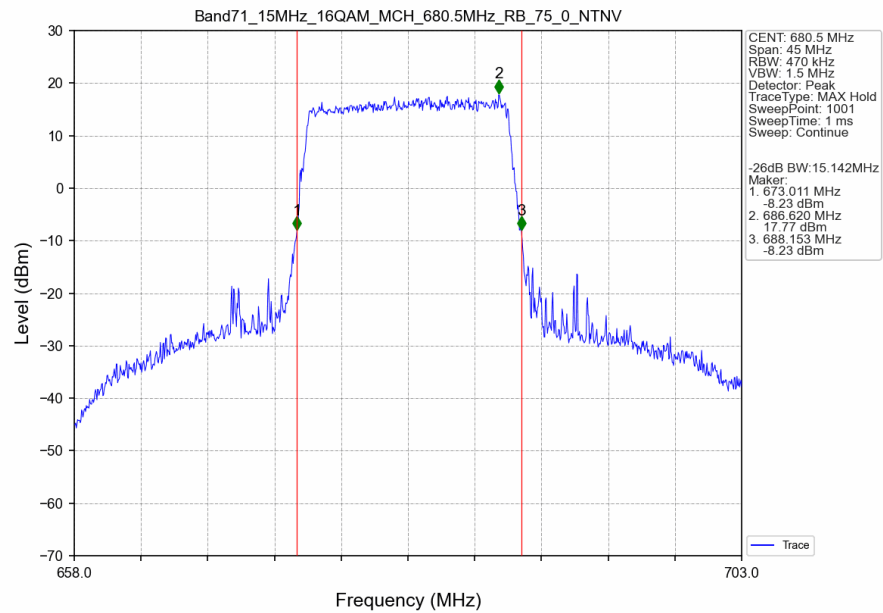
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



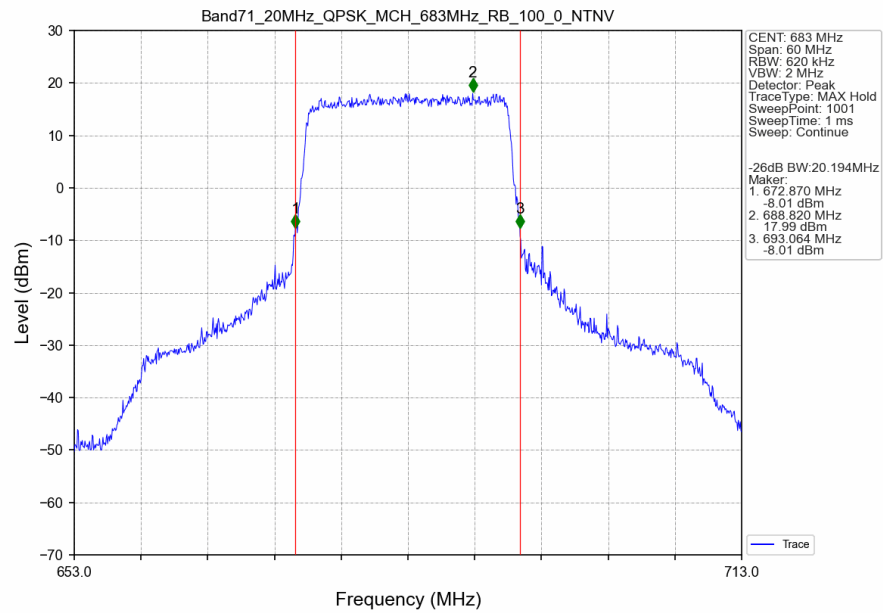
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTV



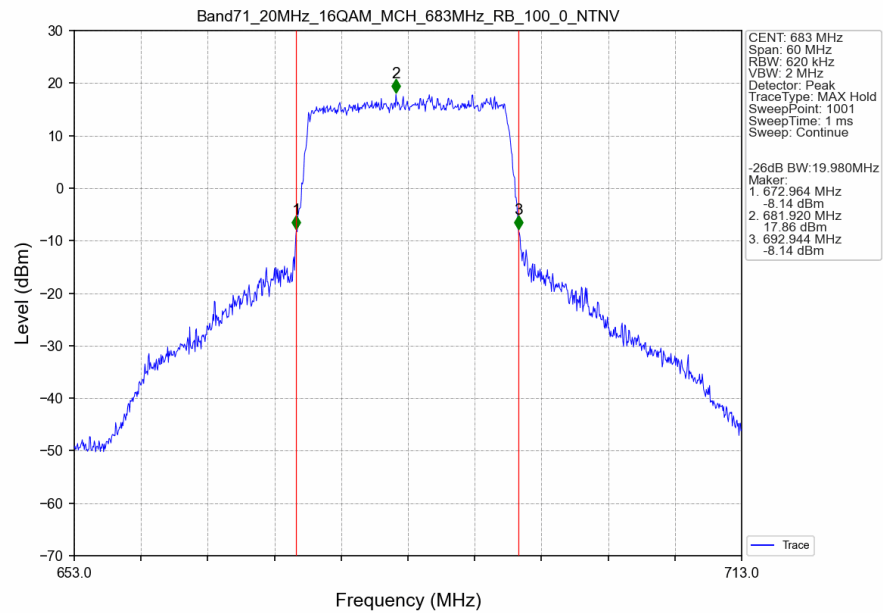
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTV



Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



4. Peak-Average Ratio

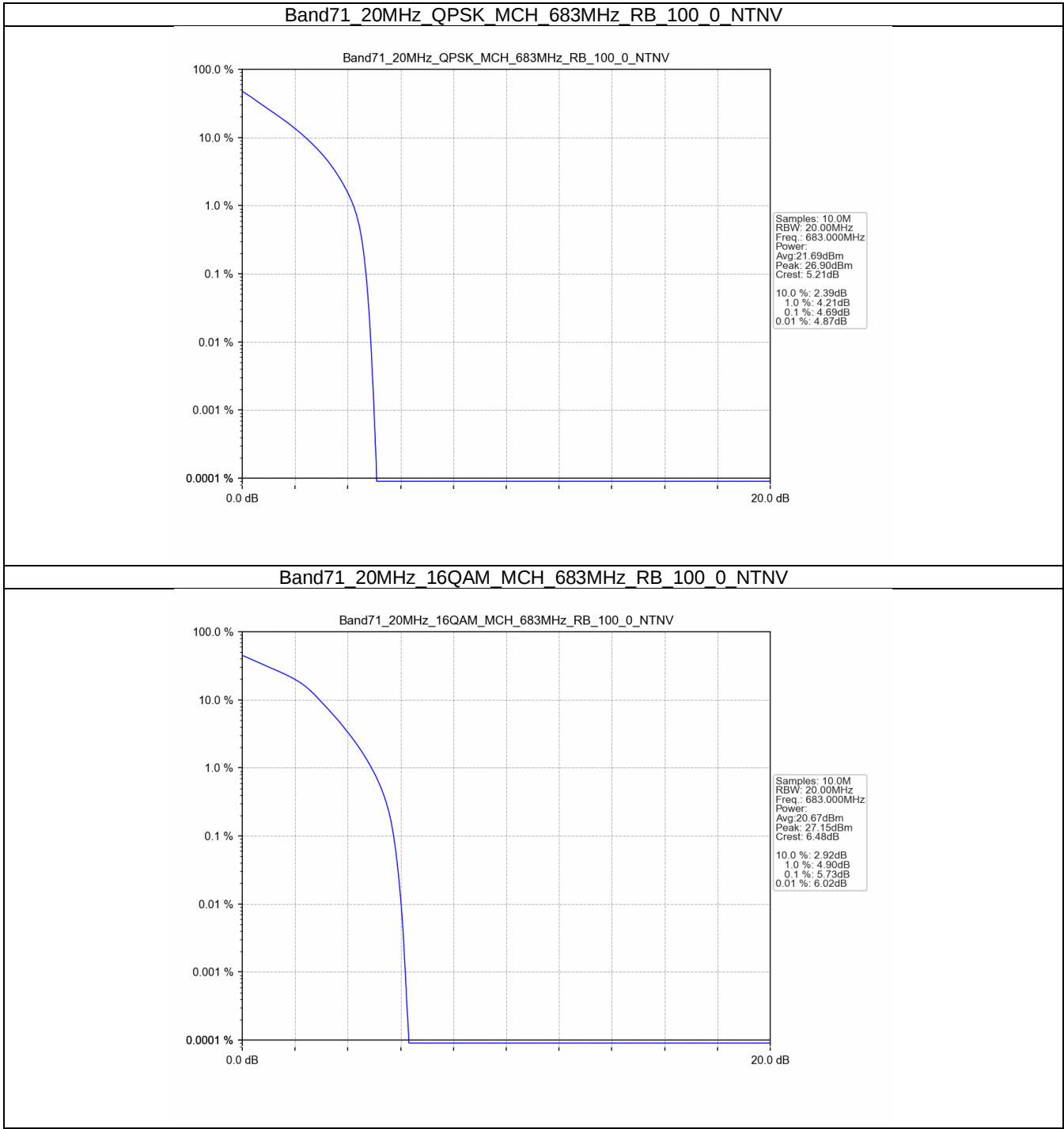
4.1 Test Result

4.1.1 B71_20MHz

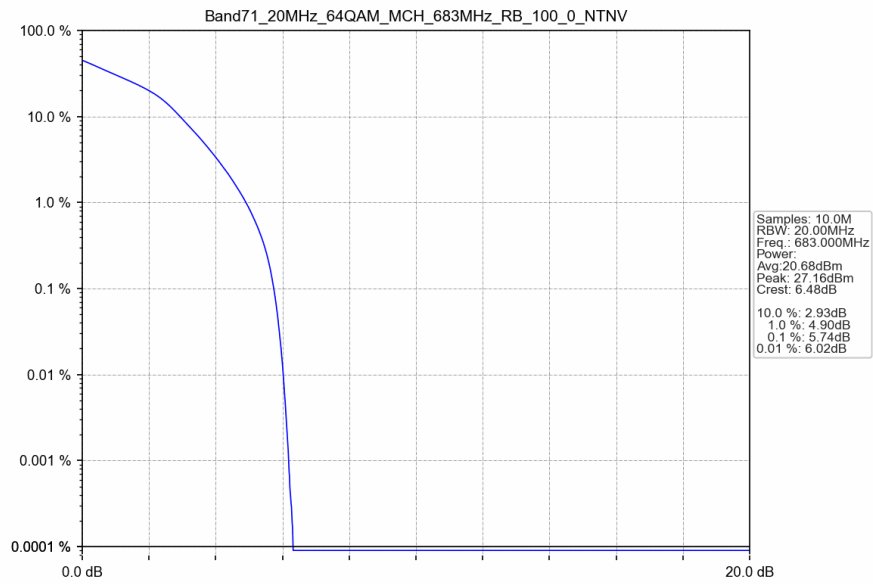
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	4.69	<=13	Pass
16QAM	683	100	0	5.73	<=13	Pass
64QAM	683	100	0	5.74	<=13	Pass
256QAM	683	100	0	6.57	<=13	Pass

4.2 Test Graph

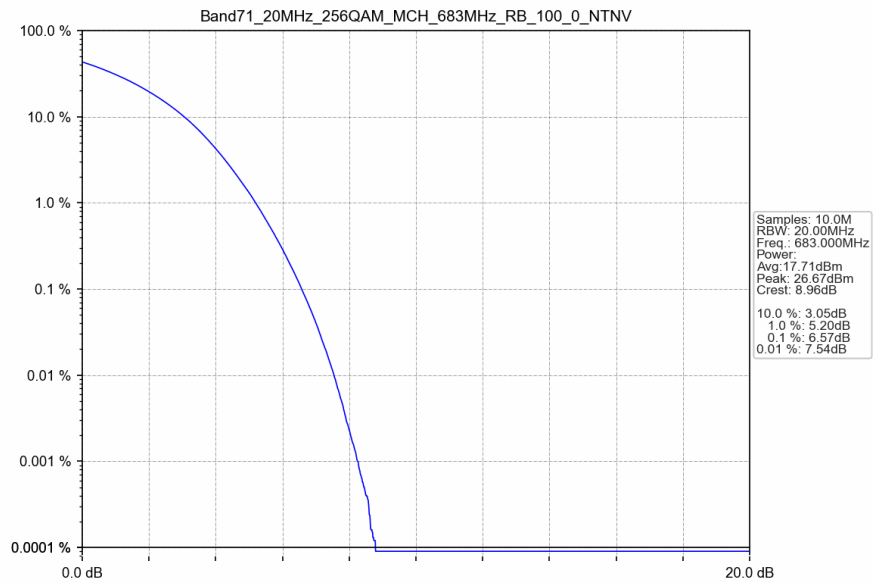
4.2.1 B71_20MHz



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 / NTV						
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	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B71_10MHz

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

5.1.3 B71_15MHz

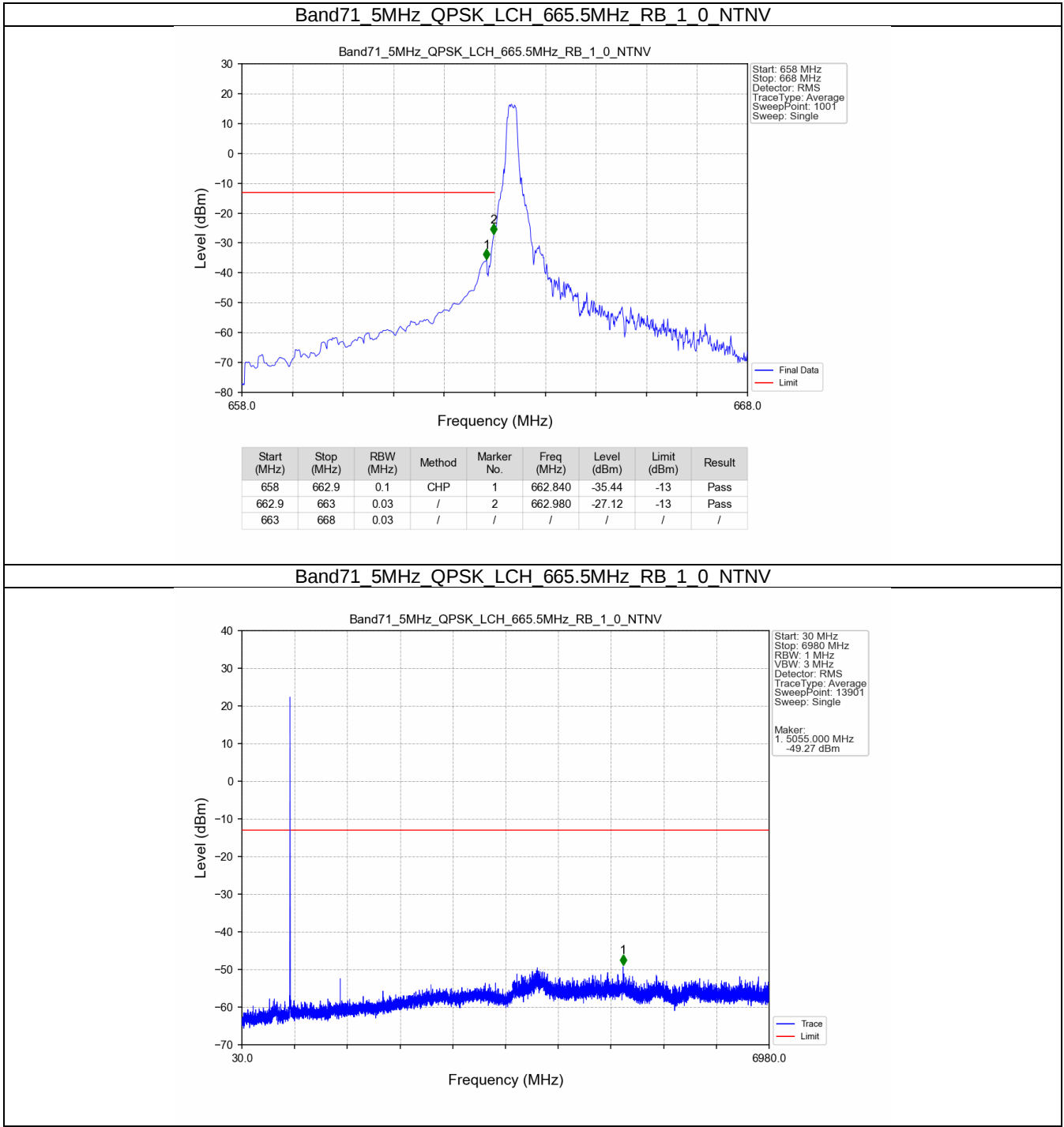
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B71_20MHz

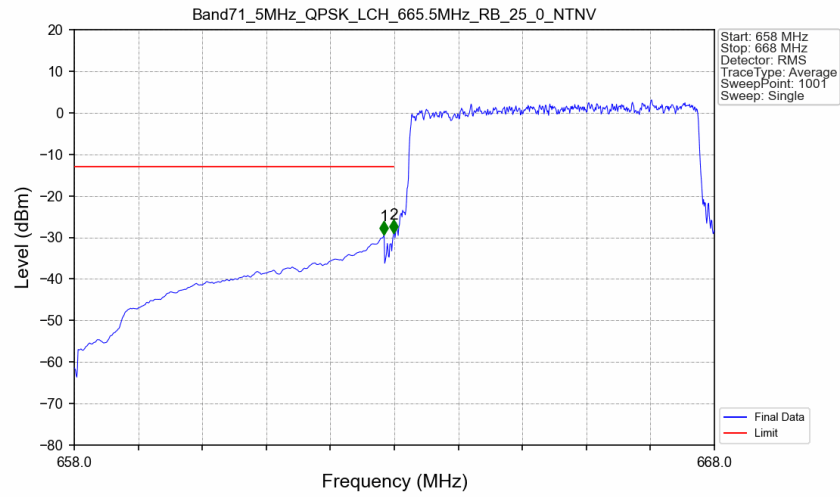
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

5.2.1 B71_5MHz

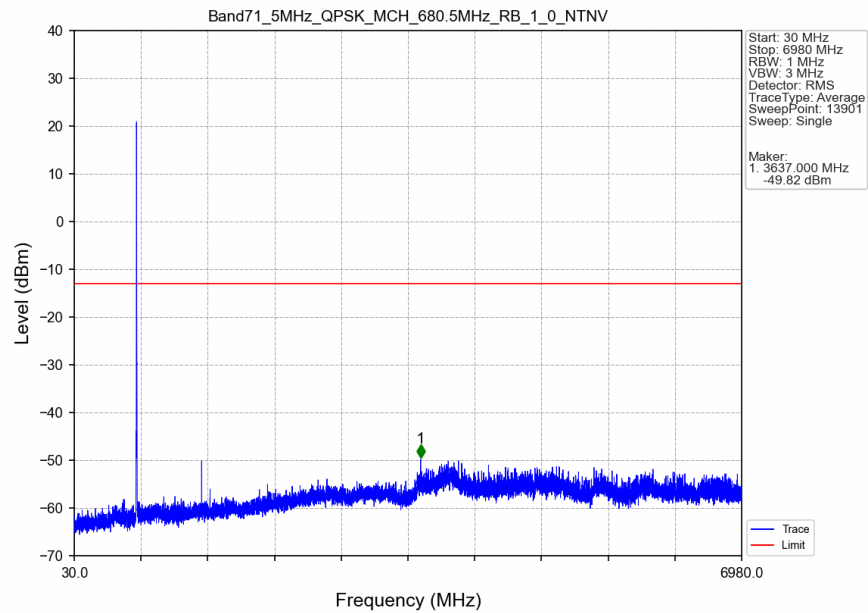


Band71 5MHz QPSK LCH 665.5MHz RB 25 0 NTNV

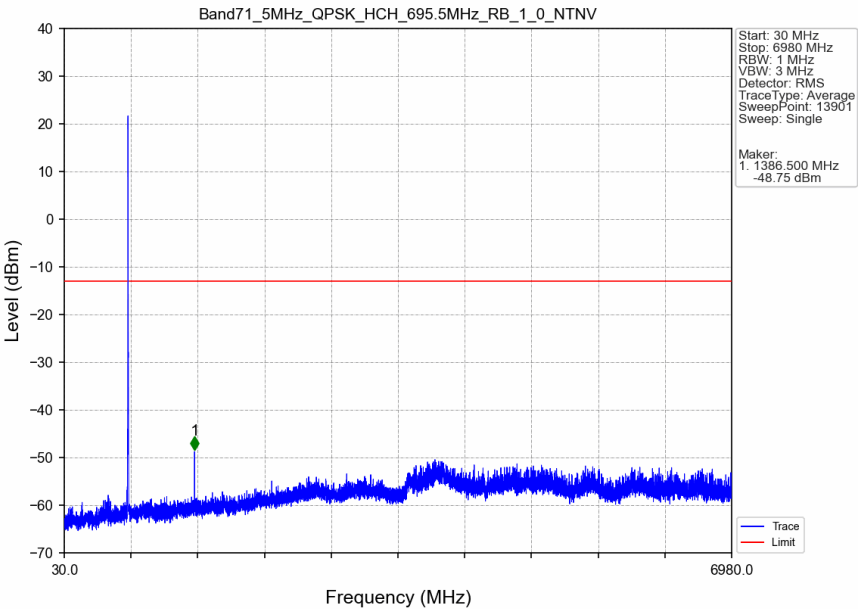


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-29.37	-13	Pass
662.9	663	0.03	/	2	662.990	-29.00	-13	Pass
663	668	0.03	/	/	/	/	/	/

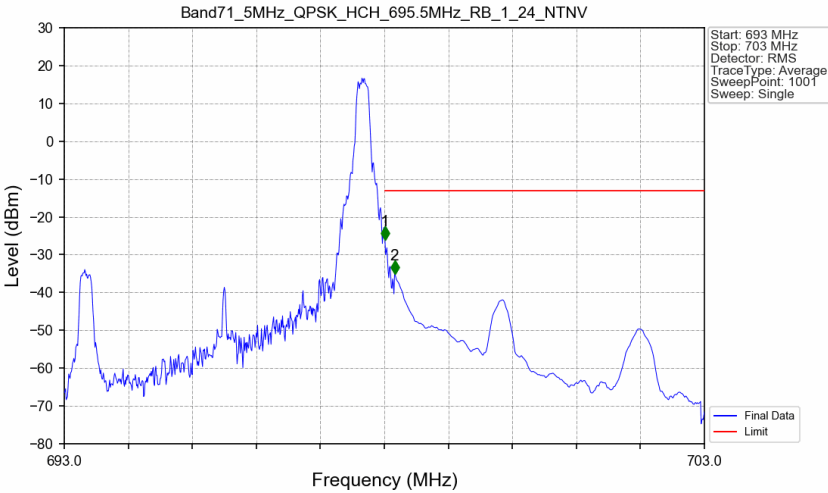
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTNV

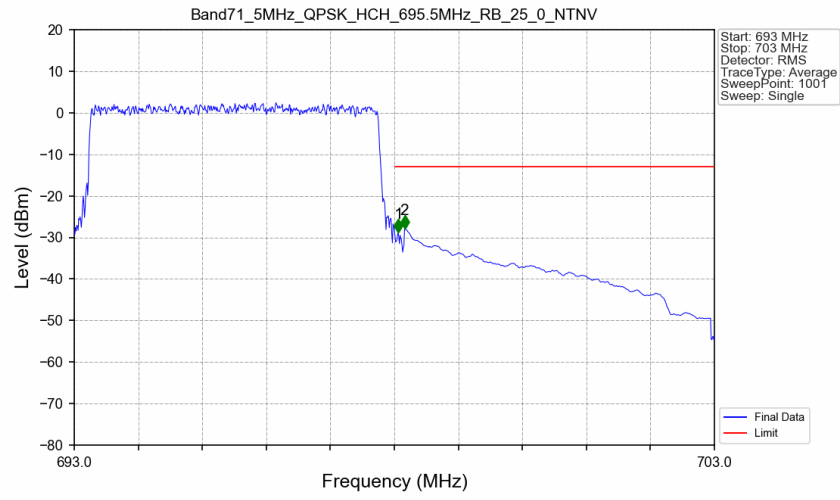


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTNV



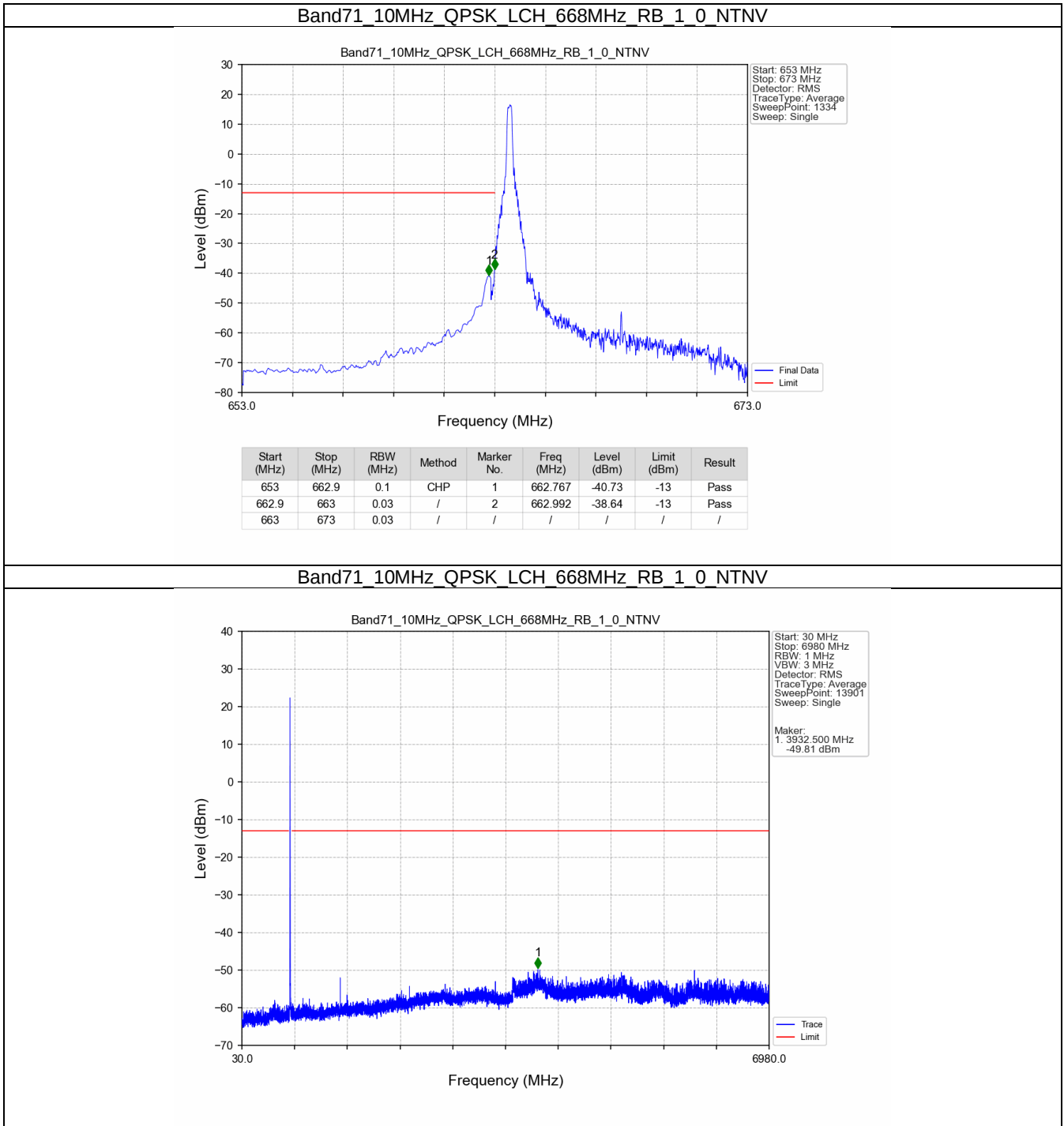
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-26.01	-13	Pass
698.1	703	0.1	CHP	2	698.160	-34.98	-13	Pass

Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV

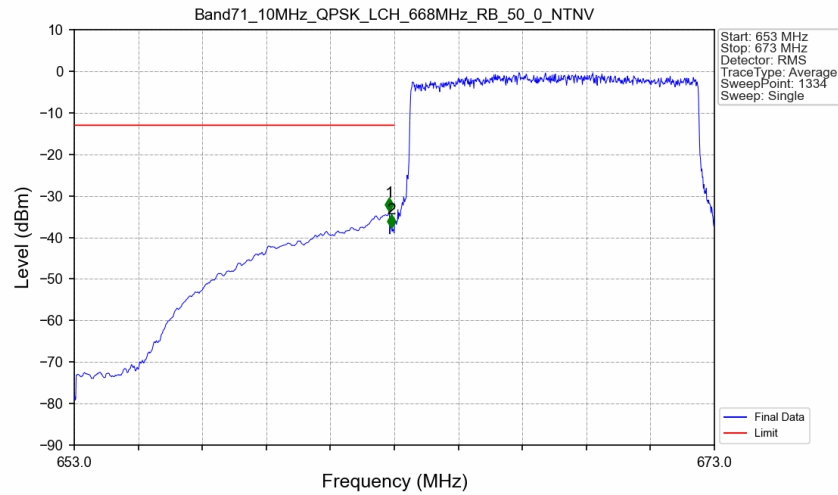


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.060	-28.73	-13	Pass
698.1	703	0.1	CHP	2	698.160	-27.81	-13	Pass

5.2.2 B71_10MHz

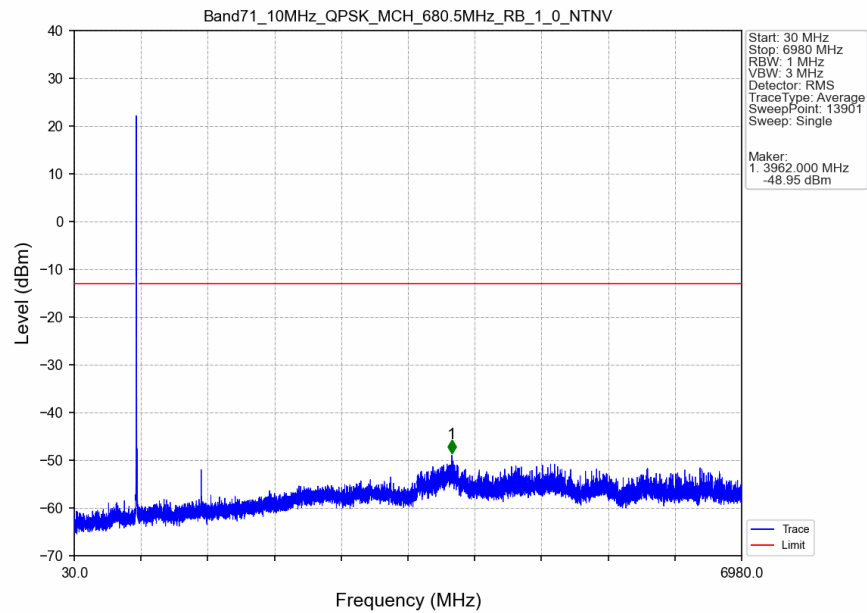


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

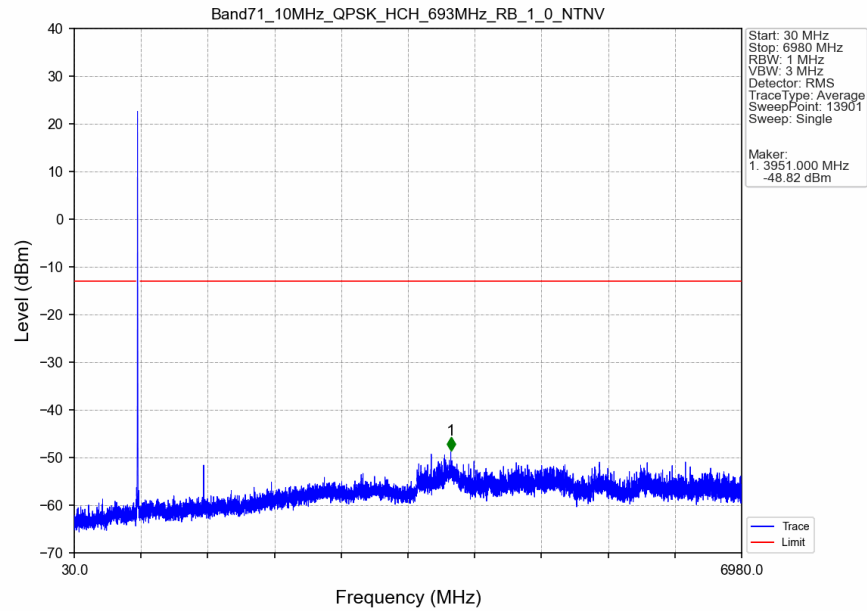


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-33.65	-13	Pass
662.9	663	0.03	/	2	662.902	-37.74	-13	Pass
663	673	0.03	/	/	/	/	/	/

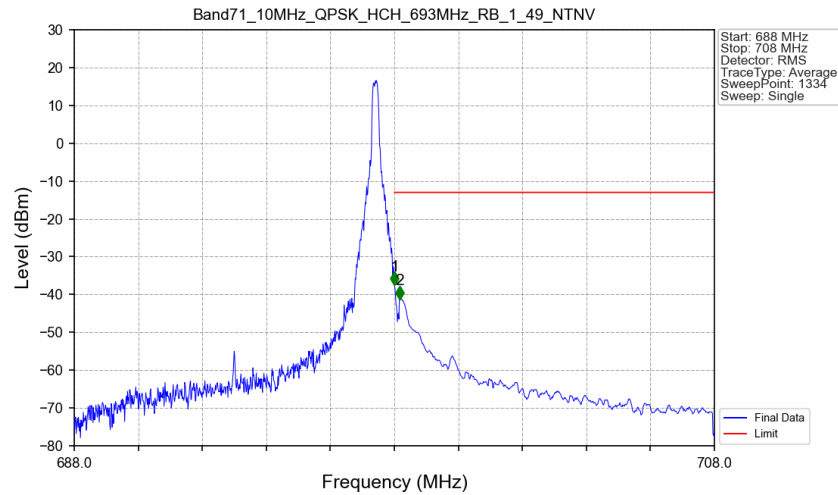
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 10MHz QPSK HCH 693MHz RB 1 0 NTN

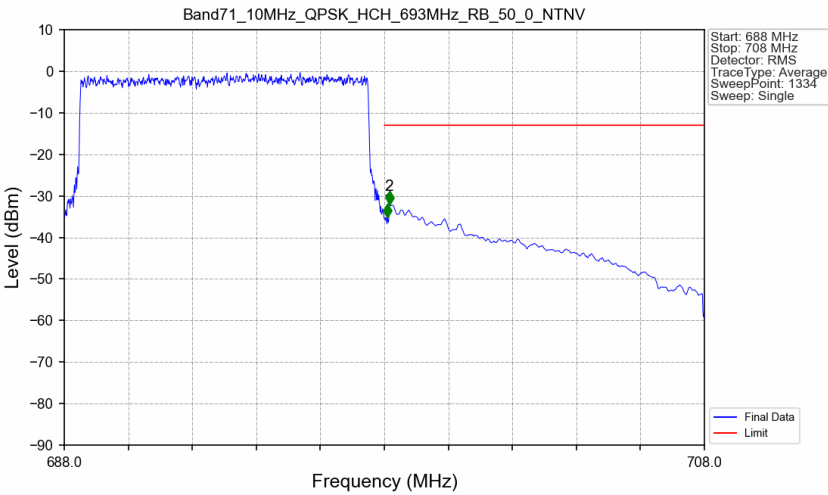


Band71 10MHz QPSK HCH 693MHz RB 1 49 NTN



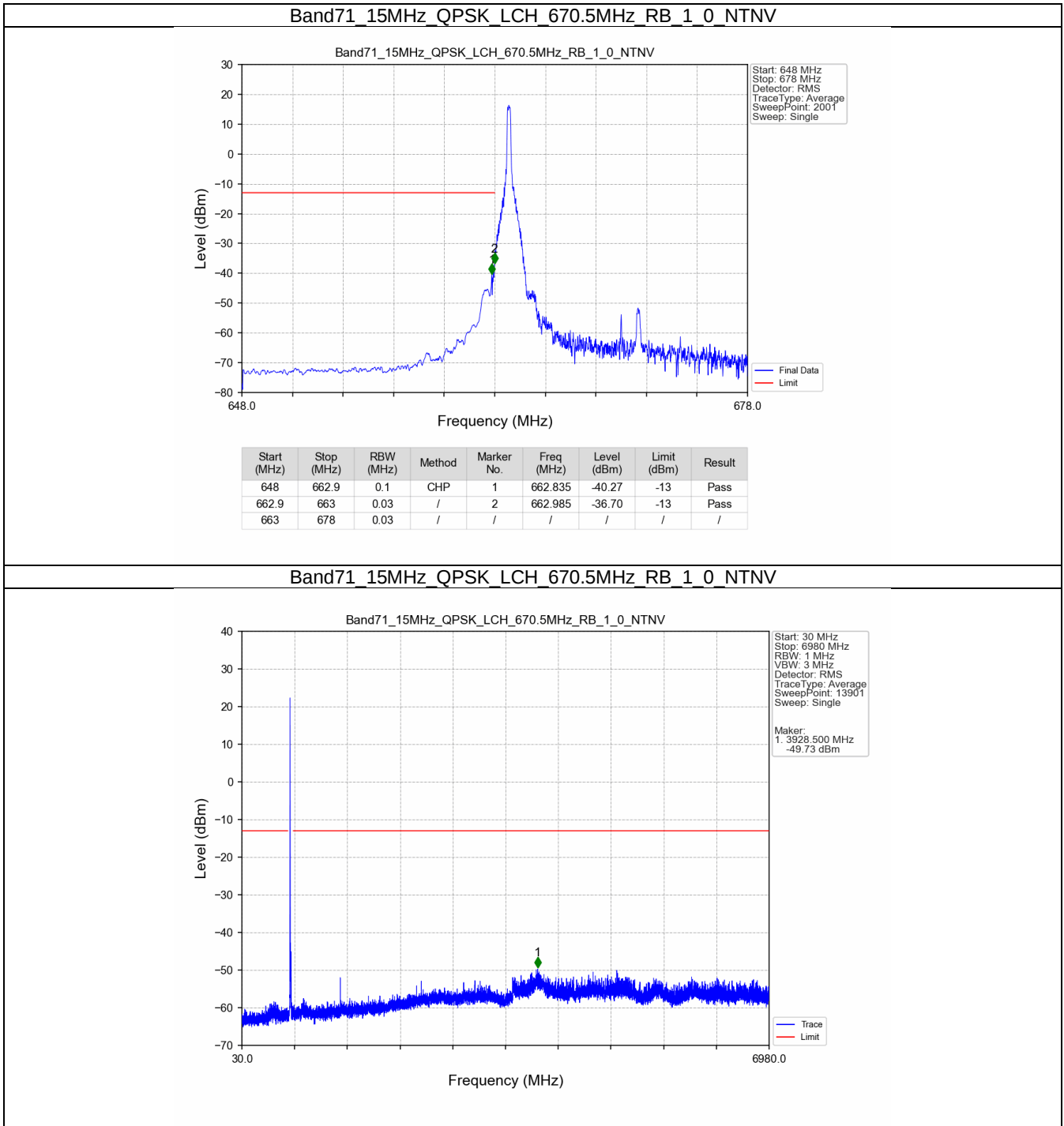
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-37.54	-13	Pass
698.1	708	0.1	CHP	2	698.173	-41.17	-13	Pass

Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN

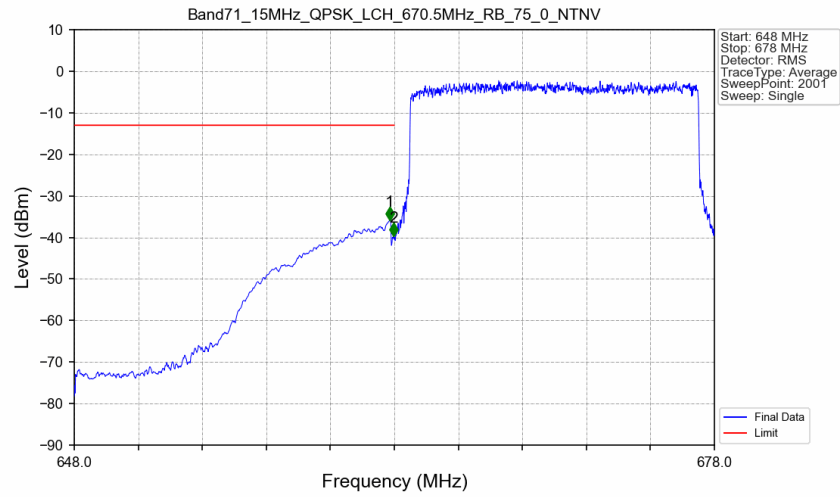


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.098	-35.14	-13	Pass
698.1	708	0.1	CHP	2	698.158	-32.02	-13	Pass

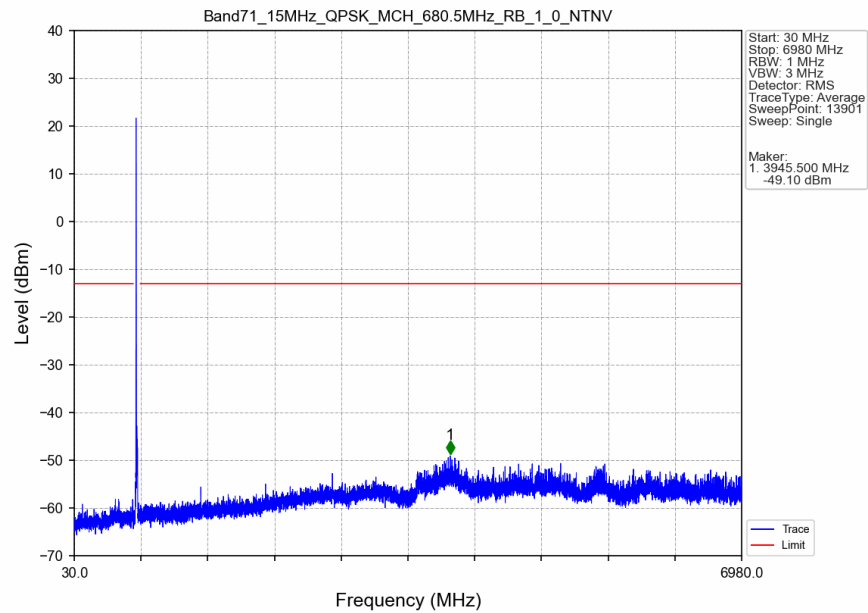
5.2.3 B71_15MHz



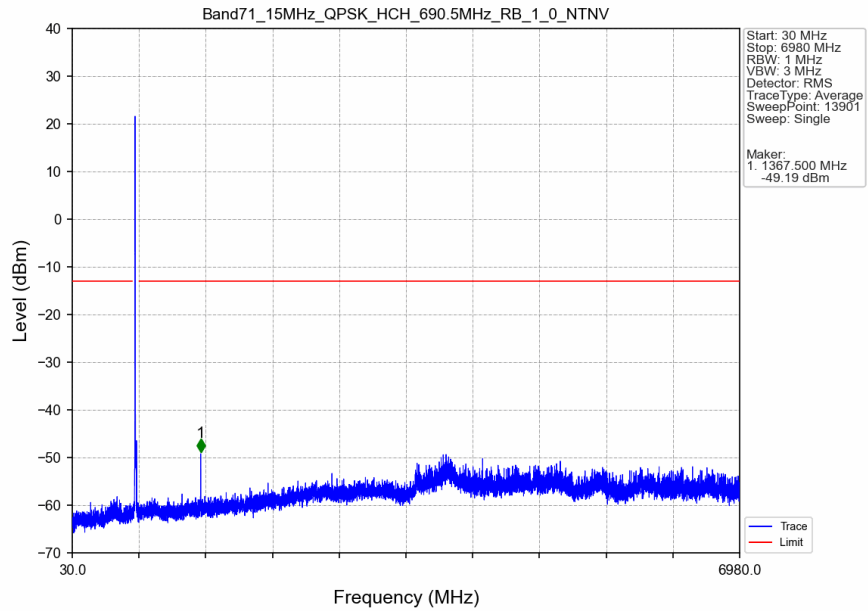
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



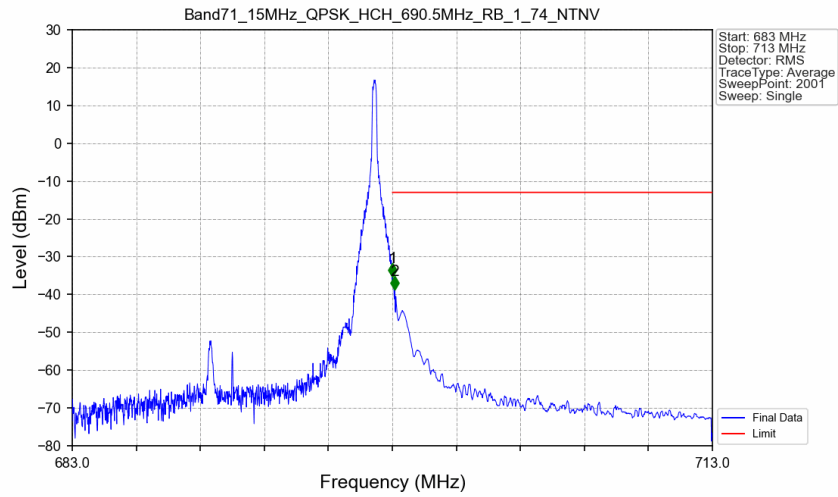
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV

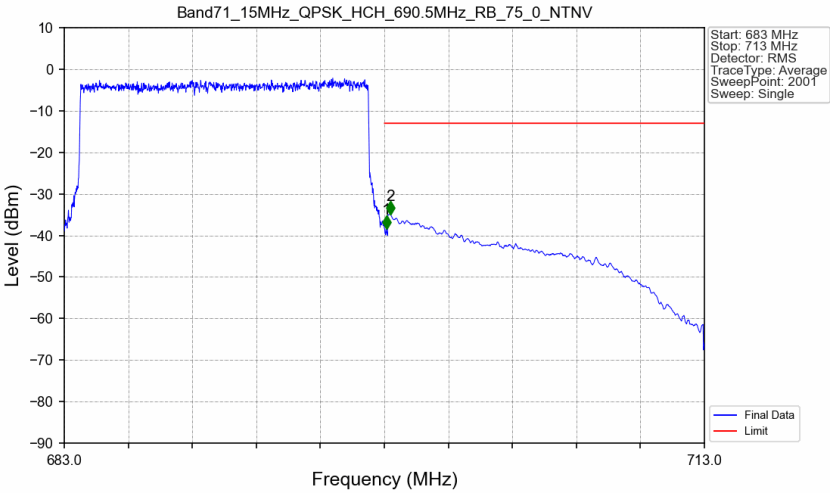


Band71 15MHz QPSK HCH 690.5MHz RB 1 74 NTV



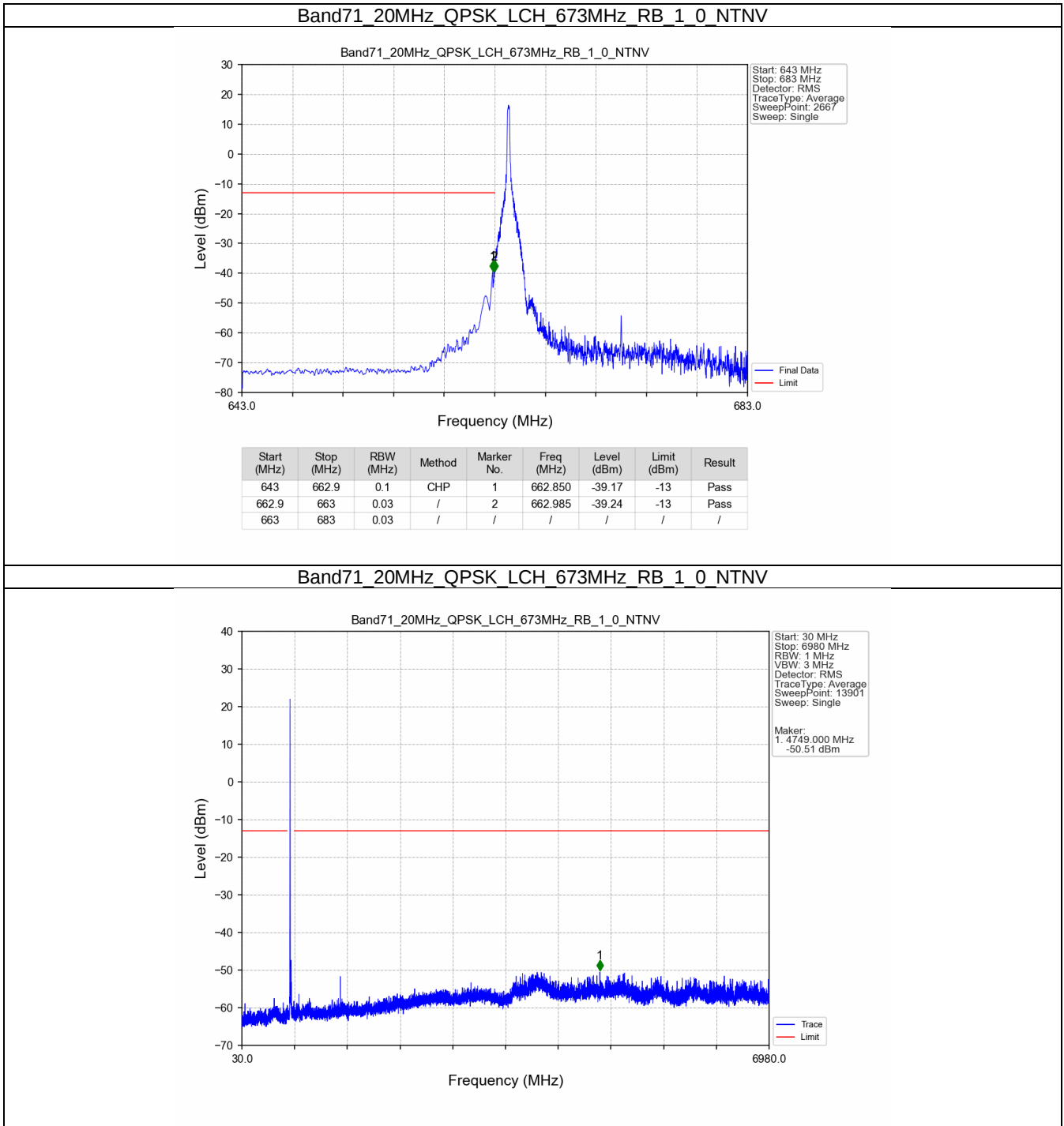
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-35.35	-13	Pass
698.1	713	0.1	CHP	2	698.105	-38.61	-13	Pass

Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTV

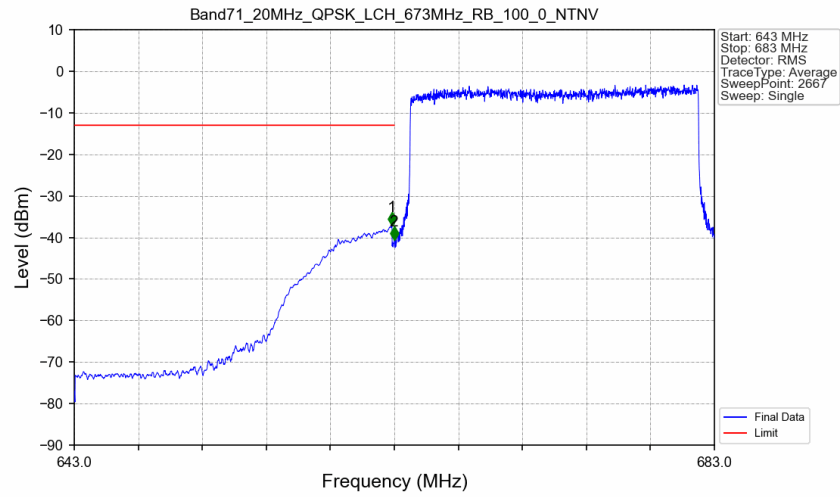


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.090	-38.30	-13	Pass
698.1	713	0.1	CHP	2	698.285	-34.85	-13	Pass

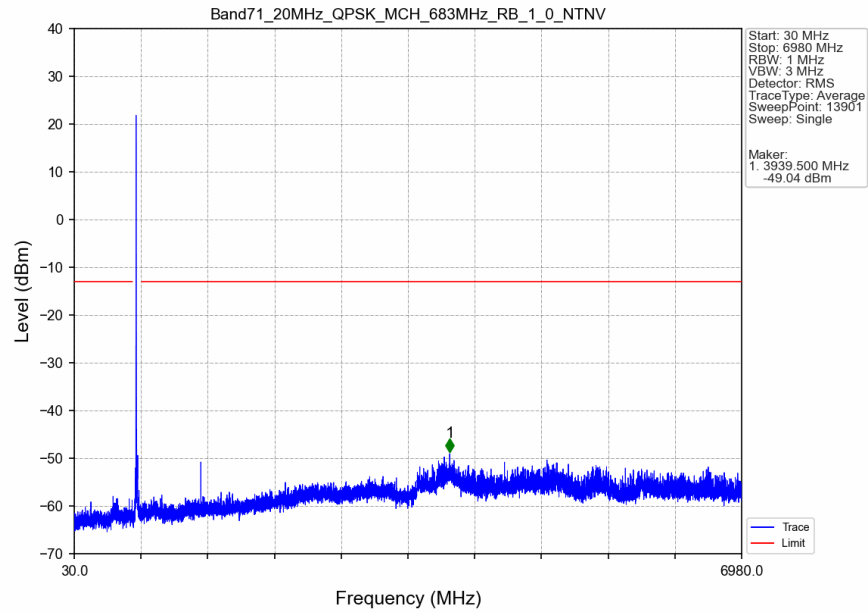
5.2.4 B71_20MHz



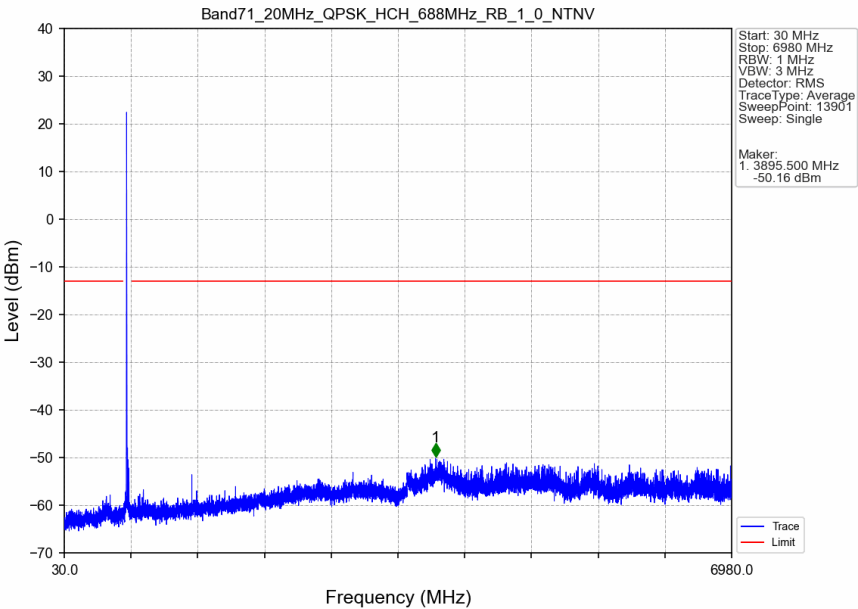
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTN



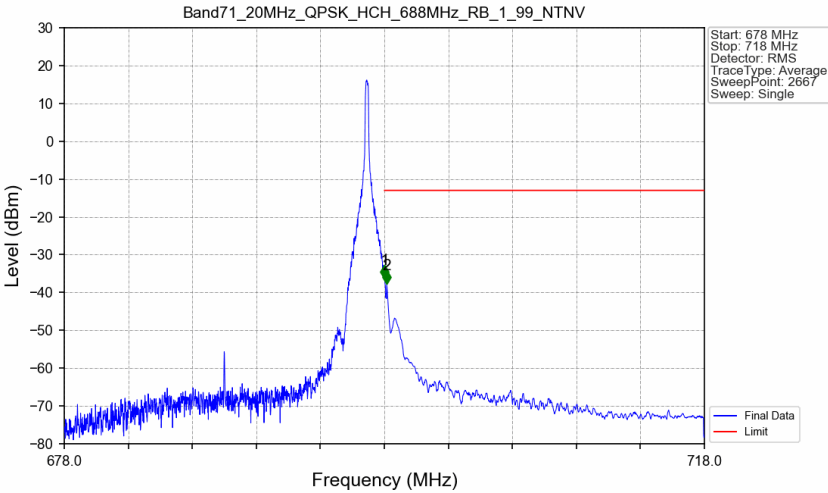
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTN



Band71 20MHz QPSK HCH 688MHz RB 1 0 NTN

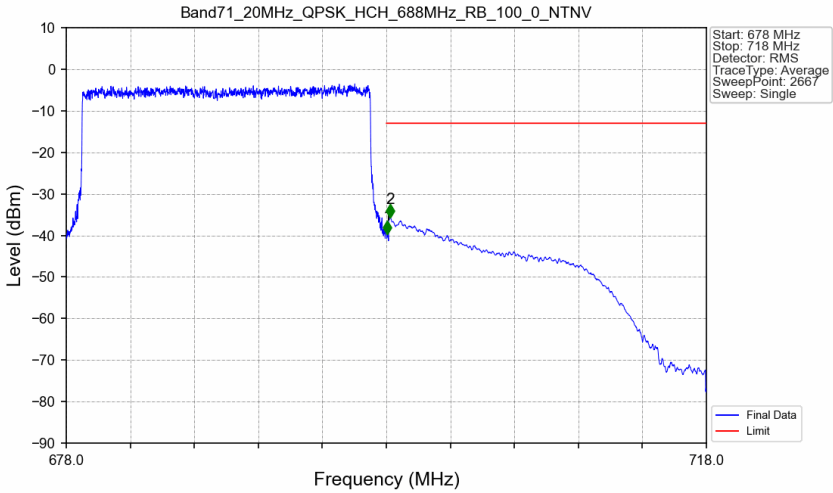


Band71 20MHz QPSK HCH 688MHz RB 1 99 NTN



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	-36.29	-13	Pass
698.1	718	0.1	CHP	2	698.150	-37.68	-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	698.060	-39.61	-13	Pass
698.1	718	0.1	CHP	2	698.255	-35.75	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 71-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1328.0	-65.68	-13	-52.68	-68.07	2.4	4.79	Horizontal	Pass
1992.0	-61.15	-13	-48.15	-63.07	2.72	4.64	Horizontal	Pass
2656.0	-59.89	-13	-46.89	-62.95	3.1	6.16	Horizontal	Pass
1328.0	-65.45	-13	-52.45	-67.84	2.4	4.79	Vertical	Pass
1992.0	-60.62	-13	-47.62	-62.54	2.72	4.64	Vertical	Pass
2656.0	-60.11	-13	-47.11	-63.17	3.1	6.16	Vertical	Pass

LTE Band 71-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1348.0	-66.22	-13	-53.22	-68.72	2.42	4.92	Horizontal	Pass
2022.0	-62.99	-13	-49.99	-64.92	2.74	4.67	Horizontal	Pass
2696.0	-60.24	-13	-47.24	-63.38	3.11	6.25	Horizontal	Pass
1348.0	-66.23	-13	-53.23	-68.73	2.42	4.92	Vertical	Pass
2022.0	-61.09	-13	-48.09	-63.02	2.74	4.67	Vertical	Pass
2696.0	-58.82	-13	-45.82	-61.96	3.11	6.25	Vertical	Pass

LTE Band 71-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1358.0	-64.62	-13	-51.62	-67.17	2.43	4.98	Horizontal	Pass
2037.0	-61.85	-13	-48.85	-63.81	2.75	4.71	Horizontal	Pass
2716.0	-58.6	-13	-45.6	-61.79	3.11	6.3	Horizontal	Pass
1358.0	-65.03	-13	-52.03	-67.58	2.43	4.98	Vertical	Pass
2037.0	-61.67	-13	-48.67	-63.63	2.75	4.71	Vertical	Pass
2716.0	-59.62	-13	-46.62	-62.81	3.11	6.3	Vertical	Pass