

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	23.56	-5.07	16.34	<=34.77	Pass
			13	23.57	-5.07	16.35	<=34.77	Pass
			24	23.59	-5.07	16.37	<=34.77	Pass
		12	0	22.51	-5.07	15.29	<=34.77	Pass
			6	22.56	-5.07	15.34	<=34.77	Pass
			13	22.63	-5.07	15.41	<=34.77	Pass
		25	0	22.61	-5.07	15.39	<=34.77	Pass
	680.5	1	0	23.51	-5.07	16.29	<=34.77	Pass
			13	23.49	-5.07	16.27	<=34.77	Pass
			24	23.49	-5.07	16.27	<=34.77	Pass
		12	0	22.59	-5.07	15.37	<=34.77	Pass
			6	22.55	-5.07	15.33	<=34.77	Pass
			13	22.53	-5.07	15.31	<=34.77	Pass
		25	0	22.62	-5.07	15.40	<=34.77	Pass
	695.5	1	0	23.37	-5.07	16.15	<=34.77	Pass
			13	23.31	-5.07	16.09	<=34.77	Pass
			24	23.38	-5.07	16.16	<=34.77	Pass
		12	0	22.39	-5.07	15.17	<=34.77	Pass
			6	22.41	-5.07	15.19	<=34.77	Pass
			13	22.39	-5.07	15.17	<=34.77	Pass
		25	0	22.40	-5.07	15.18	<=34.77	Pass
16QAM	665.5	1	0	22.27	-5.07	15.05	<=34.77	Pass
			13	22.48	-5.07	15.26	<=34.77	Pass
			24	22.54	-5.07	15.32	<=34.77	Pass
		12	0	21.60	-5.07	14.38	<=34.77	Pass
			6	21.63	-5.07	14.41	<=34.77	Pass
			13	21.67	-5.07	14.45	<=34.77	Pass
		25	0	21.63	-5.07	14.41	<=34.77	Pass
	680.5	1	0	22.80	-5.07	15.58	<=34.77	Pass
			13	22.82	-5.07	15.60	<=34.77	Pass
			24	22.72	-5.07	15.50	<=34.77	Pass
		12	0	21.66	-5.07	14.44	<=34.77	Pass
			6	21.60	-5.07	14.38	<=34.77	Pass
			13	21.58	-5.07	14.36	<=34.77	Pass
		25	0	21.60	-5.07	14.38	<=34.77	Pass
	695.5	1	0	22.44	-5.07	15.22	<=34.77	Pass
			13	22.43	-5.07	15.21	<=34.77	Pass
			24	22.38	-5.07	15.16	<=34.77	Pass
		12	0	21.37	-5.07	14.15	<=34.77	Pass
			6	21.43	-5.07	14.21	<=34.77	Pass
			13	21.42	-5.07	14.20	<=34.77	Pass
		25	0	21.41	-5.07	14.19	<=34.77	Pass
64QAM	665.5	1	0	21.37	-5.07	14.15	<=34.77	Pass
			13	21.52	-5.07	14.30	<=34.77	Pass
			24	21.62	-5.07	14.40	<=34.77	Pass
		12	0	20.57	-5.07	13.35	<=34.77	Pass
			6	20.61	-5.07	13.39	<=34.77	Pass
			13	20.66	-5.07	13.44	<=34.77	Pass
		25	0	20.55	-5.07	13.33	<=34.77	Pass

	680.5	1	0	21.91	-5.07	14.69	<=34.77	Pass
			13	21.95	-5.07	14.73	<=34.77	Pass
			24	21.84	-5.07	14.62	<=34.77	Pass
		12	0	20.55	-5.07	13.33	<=34.77	Pass
			6	20.50	-5.07	13.28	<=34.77	Pass
			13	20.47	-5.07	13.25	<=34.77	Pass
		25	0	20.54	-5.07	13.32	<=34.77	Pass
	695.5	1	0	21.69	-5.07	14.47	<=34.77	Pass
			13	21.65	-5.07	14.43	<=34.77	Pass
			24	21.56	-5.07	14.34	<=34.77	Pass
		12	0	20.46	-5.07	13.24	<=34.77	Pass
			6	20.49	-5.07	13.27	<=34.77	Pass
			13	20.48	-5.07	13.26	<=34.77	Pass
		25	0	20.45	-5.07	13.23	<=34.77	Pass
256QAM	665.5	1	0	18.21	-5.07	10.99	<=34.77	Pass
			13	18.34	-5.07	11.12	<=34.77	Pass
			24	18.40	-5.07	11.18	<=34.77	Pass
		12	0	18.54	-5.07	11.32	<=34.77	Pass
			6	18.61	-5.07	11.39	<=34.77	Pass
			13	18.67	-5.07	11.45	<=34.77	Pass
		25	0	18.65	-5.07	11.43	<=34.77	Pass
	680.5	1	0	18.74	-5.07	11.52	<=34.77	Pass
			13	18.74	-5.07	11.52	<=34.77	Pass
			24	18.68	-5.07	11.46	<=34.77	Pass
		12	0	18.62	-5.07	11.40	<=34.77	Pass
			6	18.57	-5.07	11.35	<=34.77	Pass
			13	18.58	-5.07	11.36	<=34.77	Pass
		25	0	18.58	-5.07	11.36	<=34.77	Pass
	695.5	1	0	18.46	-5.07	11.24	<=34.77	Pass
			13	18.38	-5.07	11.16	<=34.77	Pass
			24	18.41	-5.07	11.19	<=34.77	Pass
		12	0	18.36	-5.07	11.14	<=34.77	Pass
			6	18.42	-5.07	11.20	<=34.77	Pass
			13	18.40	-5.07	11.18	<=34.77	Pass
		25	0	18.39	-5.07	11.17	<=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	23.62	-5.07	16.40	<=34.77	Pass
			25	23.61	-5.07	16.39	<=34.77	Pass
			49	23.74	-5.07	16.52	<=34.77	Pass
		25	0	22.62	-5.07	15.40	<=34.77	Pass
			13	22.71	-5.07	15.49	<=34.77	Pass
			25	22.74	-5.07	15.52	<=34.77	Pass
		50	0	22.67	-5.07	15.45	<=34.77	Pass
	680.5	1	0	23.51	-5.07	16.29	<=34.77	Pass
			25	23.49	-5.07	16.27	<=34.77	Pass
			49	23.40	-5.07	16.18	<=34.77	Pass
		25	0	22.68	-5.07	15.46	<=34.77	Pass
			13	22.64	-5.07	15.42	<=34.77	Pass
			25	22.54	-5.07	15.32	<=34.77	Pass
		50	0	22.62	-5.07	15.40	<=34.77	Pass
	693	1	0	23.44	-5.07	16.22	<=34.77	Pass

		25	25	23.24	-5.07	16.02	<=34.77	Pass
			49	23.25	-5.07	16.03	<=34.77	Pass
			0	22.60	-5.07	15.38	<=34.77	Pass
			13	22.42	-5.07	15.20	<=34.77	Pass
			25	22.43	-5.07	15.21	<=34.77	Pass
		50	0	22.55	-5.07	15.33	<=34.77	Pass
16QAM	668	1	0	22.93	-5.07	15.71	<=34.77	Pass
			25	23.26	-5.07	16.04	<=34.77	Pass
			49	23.21	-5.07	15.99	<=34.77	Pass
		25	0	21.68	-5.07	14.46	<=34.77	Pass
			13	21.76	-5.07	14.54	<=34.77	Pass
			25	21.77	-5.07	14.55	<=34.77	Pass
		50	0	21.69	-5.07	14.47	<=34.77	Pass
	680.5	1	0	22.85	-5.07	15.63	<=34.77	Pass
			25	22.83	-5.07	15.61	<=34.77	Pass
			49	22.75	-5.07	15.53	<=34.77	Pass
		25	0	21.66	-5.07	14.44	<=34.77	Pass
			13	21.63	-5.07	14.41	<=34.77	Pass
			25	21.54	-5.07	14.32	<=34.77	Pass
		50	0	21.63	-5.07	14.41	<=34.77	Pass
	693	1	0	22.59	-5.07	15.37	<=34.77	Pass
			25	22.47	-5.07	15.25	<=34.77	Pass
			49	22.48	-5.07	15.26	<=34.77	Pass
		25	0	21.65	-5.07	14.43	<=34.77	Pass
			13	21.53	-5.07	14.31	<=34.77	Pass
			25	21.52	-5.07	14.30	<=34.77	Pass
		50	0	21.55	-5.07	14.33	<=34.77	Pass
64QAM	668	1	0	21.81	-5.07	14.59	<=34.77	Pass
			25	21.94	-5.07	14.72	<=34.77	Pass
			49	21.89	-5.07	14.67	<=34.77	Pass
		25	0	20.63	-5.07	13.41	<=34.77	Pass
			13	20.71	-5.07	13.49	<=34.77	Pass
			25	20.74	-5.07	13.52	<=34.77	Pass
		50	0	20.67	-5.07	13.45	<=34.77	Pass
	680.5	1	0	21.83	-5.07	14.61	<=34.77	Pass
			25	21.80	-5.07	14.58	<=34.77	Pass
			49	21.73	-5.07	14.51	<=34.77	Pass
		25	0	20.75	-5.07	13.53	<=34.77	Pass
			13	20.68	-5.07	13.46	<=34.77	Pass
			25	20.59	-5.07	13.37	<=34.77	Pass
		50	0	20.64	-5.07	13.42	<=34.77	Pass
	693	1	0	21.62	-5.07	14.40	<=34.77	Pass
			25	21.49	-5.07	14.27	<=34.77	Pass
			49	21.43	-5.07	14.21	<=34.77	Pass
		25	0	20.62	-5.07	13.40	<=34.77	Pass
			13	20.45	-5.07	13.23	<=34.77	Pass
			25	20.46	-5.07	13.24	<=34.77	Pass
		50	0	20.49	-5.07	13.27	<=34.77	Pass
256QAM	668	1	0	18.97	-5.07	11.75	<=34.77	Pass
			25	19.08	-5.07	11.86	<=34.77	Pass
			49	19.06	-5.07	11.84	<=34.77	Pass
		25	0	18.65	-5.07	11.43	<=34.77	Pass
			13	18.76	-5.07	11.54	<=34.77	Pass
			25	18.76	-5.07	11.54	<=34.77	Pass
		50	0	18.70	-5.07	11.48	<=34.77	Pass
	680.5	1	0	18.42	-5.07	11.20	<=34.77	Pass
			25	18.40	-5.07	11.18	<=34.77	Pass
			49	18.32	-5.07	11.10	<=34.77	Pass
		25	0	18.68	-5.07	11.46	<=34.77	Pass

		50	13	18.64	-5.07	11.42	<=34.77	Pass
			25	18.55	-5.07	11.33	<=34.77	Pass
			0	18.57	-5.07	11.35	<=34.77	Pass
	693	1	0	18.58	-5.07	11.36	<=34.77	Pass
			25	18.46	-5.07	11.24	<=34.77	Pass
			49	18.41	-5.07	11.19	<=34.77	Pass
		25	0	18.64	-5.07	11.42	<=34.77	Pass
			13	18.53	-5.07	11.31	<=34.77	Pass
			25	18.49	-5.07	11.27	<=34.77	Pass
		50	0	18.53	-5.07	11.31	<=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	23.64	-5.07	16.42	<=34.77	Pass
			38	23.77	-5.07	16.55	<=34.77	Pass
			74	23.61	-5.07	16.39	<=34.77	Pass
		36	0	22.63	-5.07	15.41	<=34.77	Pass
			18	22.68	-5.07	15.46	<=34.77	Pass
			39	22.64	-5.07	15.42	<=34.77	Pass
		75	0	22.65	-5.07	15.43	<=34.77	Pass
	680.5	1	0	23.62	-5.07	16.40	<=34.77	Pass
			38	23.53	-5.07	16.31	<=34.77	Pass
			74	23.40	-5.07	16.18	<=34.77	Pass
		36	0	22.67	-5.07	15.45	<=34.77	Pass
			18	22.59	-5.07	15.37	<=34.77	Pass
			39	22.52	-5.07	15.30	<=34.77	Pass
		75	0	22.64	-5.07	15.42	<=34.77	Pass
	690.5	1	0	23.45	-5.07	16.23	<=34.77	Pass
			38	23.34	-5.07	16.12	<=34.77	Pass
			74	23.29	-5.07	16.07	<=34.77	Pass
		36	0	22.57	-5.07	15.35	<=34.77	Pass
			18	22.47	-5.07	15.25	<=34.77	Pass
			39	22.42	-5.07	15.20	<=34.77	Pass
		75	0	22.54	-5.07	15.32	<=34.77	Pass
16QAM	670.5	1	0	22.96	-5.07	15.74	<=34.77	Pass
			38	23.29	-5.07	16.07	<=34.77	Pass
			74	23.17	-5.07	15.95	<=34.77	Pass
		36	0	21.68	-5.07	14.46	<=34.77	Pass
			18	21.75	-5.07	14.53	<=34.77	Pass
			39	21.66	-5.07	14.44	<=34.77	Pass
		75	0	21.70	-5.07	14.48	<=34.77	Pass
	680.5	1	0	22.82	-5.07	15.60	<=34.77	Pass
			38	22.81	-5.07	15.59	<=34.77	Pass
			74	22.62	-5.07	15.40	<=34.77	Pass
		36	0	21.71	-5.07	14.49	<=34.77	Pass
			18	21.65	-5.07	14.43	<=34.77	Pass
			39	21.57	-5.07	14.35	<=34.77	Pass
		75	0	21.67	-5.07	14.45	<=34.77	Pass
	690.5	1	0	22.83	-5.07	15.61	<=34.77	Pass
			38	22.66	-5.07	15.44	<=34.77	Pass
			74	22.56	-5.07	15.34	<=34.77	Pass
		36	0	21.60	-5.07	14.38	<=34.77	Pass
			18	21.54	-5.07	14.32	<=34.77	Pass

			39	21.43	-5.07	14.21	<=34.77	Pass	
		75	0	21.55	-5.07	14.33	<=34.77	Pass	
64QAM	670.5	1	0	22.00	-5.07	14.78	<=34.77	Pass	
			38	22.05	-5.07	14.83	<=34.77	Pass	
			74	21.95	-5.07	14.73	<=34.77	Pass	
			0	20.69	-5.07	13.47	<=34.77	Pass	
		36	18	20.74	-5.07	13.52	<=34.77	Pass	
			39	20.67	-5.07	13.45	<=34.77	Pass	
			75	0	20.69	-5.07	13.47	<=34.77	Pass
		680.5	1	0	21.83	-5.07	14.61	<=34.77	Pass
				38	21.85	-5.07	14.63	<=34.77	Pass
				74	21.66	-5.07	14.44	<=34.77	Pass
	0			20.72	-5.07	13.50	<=34.77	Pass	
	36		18	20.68	-5.07	13.46	<=34.77	Pass	
			39	20.60	-5.07	13.38	<=34.77	Pass	
			75	0	20.66	-5.07	13.44	<=34.77	Pass
	690.5		1	0	22.02	-5.07	14.80	<=34.77	Pass
		38		21.82	-5.07	14.60	<=34.77	Pass	
		74		21.99	-5.07	14.77	<=34.77	Pass	
		0		20.61	-5.07	13.39	<=34.77	Pass	
		36	18	20.55	-5.07	13.33	<=34.77	Pass	
			39	20.41	-5.07	13.19	<=34.77	Pass	
			75	0	20.64	-5.07	13.42	<=34.77	Pass
		256QAM	670.5	1	0	18.99	-5.07	11.77	<=34.77
38	19.11				-5.07	11.89	<=34.77	Pass	
74	19.00				-5.07	11.78	<=34.77	Pass	
36	0			18.67	-5.07	11.45	<=34.77	Pass	
	18			18.73	-5.07	11.51	<=34.77	Pass	
	39			18.67	-5.07	11.45	<=34.77	Pass	
75	0			18.68	-5.07	11.46	<=34.77	Pass	
680.5	1		0	18.49	-5.07	11.27	<=34.77	Pass	
			38	18.46	-5.07	11.24	<=34.77	Pass	
			74	18.31	-5.07	11.09	<=34.77	Pass	
	36		0	18.67	-5.07	11.45	<=34.77	Pass	
			18	18.62	-5.07	11.40	<=34.77	Pass	
			39	18.57	-5.07	11.35	<=34.77	Pass	
690.5	75		0	18.62	-5.07	11.40	<=34.77	Pass	
			1	0	18.83	-5.07	11.61	<=34.77	Pass
				38	18.72	-5.07	11.50	<=34.77	Pass
	74			18.65	-5.07	11.43	<=34.77	Pass	
	36		0	18.53	-5.07	11.31	<=34.77	Pass	
			18	18.44	-5.07	11.22	<=34.77	Pass	
			39	18.47	-5.07	11.25	<=34.77	Pass	
	75		0	18.54	-5.07	11.32	<=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	23.61	-5.07	16.39	<=34.77	Pass
			50	23.71	-5.07	16.49	<=34.77	Pass
			99	23.55	-5.07	16.33	<=34.77	Pass
		50	0	22.69	-5.07	15.47	<=34.77	Pass
			25	22.74	-5.07	15.52	<=34.77	Pass
			50	22.62	-5.07	15.40	<=34.77	Pass

		100	0	22.65	-5.07	15.43	<=34.77	Pass	
	683	1	0	23.51	-5.07	16.29	<=34.77	Pass	
			50	23.44	-5.07	16.22	<=34.77	Pass	
			99	23.30	-5.07	16.08	<=34.77	Pass	
			0	22.77	-5.07	15.55	<=34.77	Pass	
		50	25	22.63	-5.07	15.41	<=34.77	Pass	
			50	22.46	-5.07	15.24	<=34.77	Pass	
	100	0	22.60	-5.07	15.38	<=34.77	Pass		
	688	1	0	23.54	-5.07	16.32	<=34.77	Pass	
			50	23.41	-5.07	16.19	<=34.77	Pass	
			99	23.24	-5.07	16.02	<=34.77	Pass	
			0	22.70	-5.07	15.48	<=34.77	Pass	
		50	25	22.61	-5.07	15.39	<=34.77	Pass	
			50	22.55	-5.07	15.33	<=34.77	Pass	
	100	0	22.62	-5.07	15.40	<=34.77	Pass		
	16QAM	673	1	0	22.82	-5.07	15.60	<=34.77	Pass
50				22.87	-5.07	15.65	<=34.77	Pass	
99				22.75	-5.07	15.53	<=34.77	Pass	
50			0	21.67	-5.07	14.45	<=34.77	Pass	
			25	21.70	-5.07	14.48	<=34.77	Pass	
			50	21.63	-5.07	14.41	<=34.77	Pass	
100		0	21.65	-5.07	14.43	<=34.77	Pass		
683		1	0	22.89	-5.07	15.67	<=34.77	Pass	
			50	22.71	-5.07	15.49	<=34.77	Pass	
			99	22.59	-5.07	15.37	<=34.77	Pass	
		50	0	21.75	-5.07	14.53	<=34.77	Pass	
			25	21.62	-5.07	14.40	<=34.77	Pass	
			50	21.47	-5.07	14.25	<=34.77	Pass	
100		0	21.60	-5.07	14.38	<=34.77	Pass		
688		1	0	23.38	-5.07	16.16	<=34.77	Pass	
			50	23.24	-5.07	16.02	<=34.77	Pass	
			99	23.09	-5.07	15.87	<=34.77	Pass	
		50	0	21.70	-5.07	14.48	<=34.77	Pass	
			25	21.62	-5.07	14.40	<=34.77	Pass	
			50	21.48	-5.07	14.26	<=34.77	Pass	
100		0	21.62	-5.07	14.40	<=34.77	Pass		
64QAM		673	1	0	21.87	-5.07	14.65	<=34.77	Pass
				50	21.91	-5.07	14.69	<=34.77	Pass
				99	21.87	-5.07	14.65	<=34.77	Pass
	50		0	20.69	-5.07	13.47	<=34.77	Pass	
			25	20.76	-5.07	13.54	<=34.77	Pass	
			50	20.64	-5.07	13.42	<=34.77	Pass	
	100	0	20.62	-5.07	13.40	<=34.77	Pass		
	683	1	0	22.25	-5.07	15.03	<=34.77	Pass	
			50	22.10	-5.07	14.88	<=34.77	Pass	
			99	21.92	-5.07	14.70	<=34.77	Pass	
		50	0	20.73	-5.07	13.51	<=34.77	Pass	
			25	20.62	-5.07	13.40	<=34.77	Pass	
			50	20.54	-5.07	13.32	<=34.77	Pass	
	100	0	20.63	-5.07	13.41	<=34.77	Pass		
	688	1	0	21.82	-5.07	14.60	<=34.77	Pass	
			50	21.66	-5.07	14.44	<=34.77	Pass	
			99	21.46	-5.07	14.24	<=34.77	Pass	
		50	0	20.72	-5.07	13.50	<=34.77	Pass	
			25	20.58	-5.07	13.36	<=34.77	Pass	
			50	20.49	-5.07	13.27	<=34.77	Pass	
	100	0	20.63	-5.07	13.41	<=34.77	Pass		
	256QAM	673	1	0	18.78	-5.07	11.56	<=34.77	Pass
				50	18.85	-5.07	11.63	<=34.77	Pass

			99	18.72	-5.07	11.50	<=34.77	Pass
		50	0	18.61	-5.07	11.39	<=34.77	Pass
			25	18.71	-5.07	11.49	<=34.77	Pass
			50	18.58	-5.07	11.36	<=34.77	Pass
		100	0	18.59	-5.07	11.37	<=34.77	Pass
	683	1	0	18.85	-5.07	11.63	<=34.77	Pass
			50	18.78	-5.07	11.56	<=34.77	Pass
			99	18.57	-5.07	11.35	<=34.77	Pass
		50	0	18.68	-5.07	11.46	<=34.77	Pass
			25	18.61	-5.07	11.39	<=34.77	Pass
			50	18.44	-5.07	11.22	<=34.77	Pass
		100	0	18.58	-5.07	11.36	<=34.77	Pass
	688	1	0	18.60	-5.07	11.38	<=34.77	Pass
			50	18.45	-5.07	11.23	<=34.77	Pass
			99	18.30	-5.07	11.08	<=34.77	Pass
		50	0	18.69	-5.07	11.47	<=34.77	Pass
			25	18.54	-5.07	11.32	<=34.77	Pass
			50	18.46	-5.07	11.24	<=34.77	Pass
		100	0	18.60	-5.07	11.38	<=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	-2.191	-0.0032	-2.5 to 2.5	Pass
					NV	-2.047	-0.0030	-2.5 to 2.5	Pass
					HV	-5.093	-0.0075	-2.5 to 2.5	Pass
				-30	NV	-0.916	-0.0013	-2.5 to 2.5	Pass
				-20	NV	-1.895	-0.0028	-2.5 to 2.5	Pass
				-10	NV	-2.631	-0.0039	-2.5 to 2.5	Pass
				0	NV	-2.625	-0.0039	-2.5 to 2.5	Pass
				10	NV	-1.168	-0.0017	-2.5 to 2.5	Pass
				30	NV	-1.968	-0.0029	-2.5 to 2.5	Pass
				40	NV	-2.447	-0.0036	-2.5 to 2.5	Pass
				50	NV	-1.309	-0.0019	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

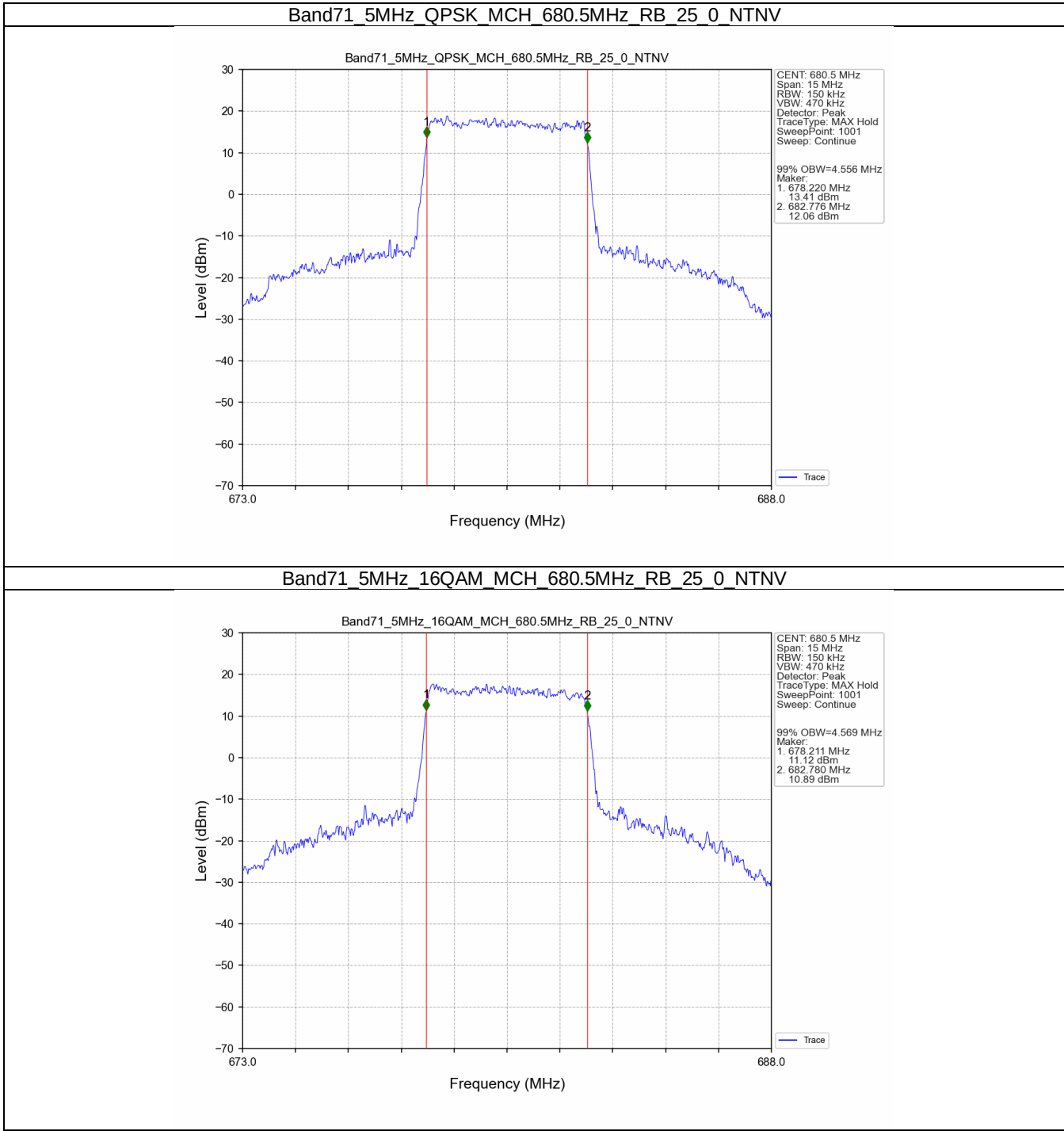
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.556	/	Pass
	16QAM	680.5	25	0	4.569	/	Pass
	64QAM	680.5	25	0	4.542	/	Pass
	256QAM	680.5	25	0	4.547	/	Pass
10	QPSK	680.5	50	0	9.089	/	Pass
	16QAM	680.5	50	0	9.067	/	Pass
	64QAM	680.5	50	0	9.071	/	Pass
	256QAM	680.5	50	0	9.050	/	Pass
15	QPSK	680.5	75	0	13.592	/	Pass
	16QAM	680.5	75	0	13.618	/	Pass
	64QAM	680.5	75	0	13.574	/	Pass
	256QAM	680.5	75	0	13.562	/	Pass
20	QPSK	683	100	0	18.036	/	Pass
	16QAM	683	100	0	18.033	/	Pass
	64QAM	683	100	0	18.013	/	Pass
	256QAM	683	100	0	17.990	/	Pass

3.1.2 Band71_XDB

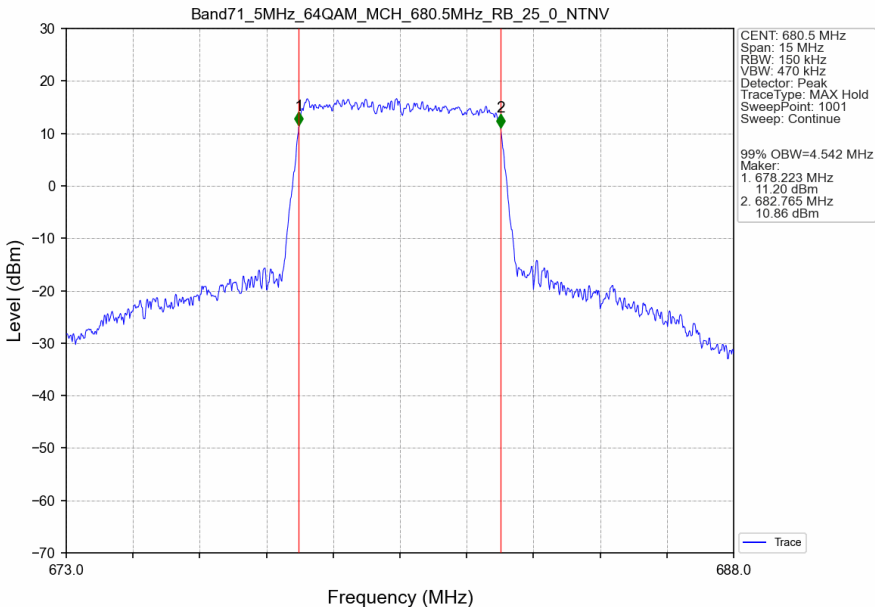
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.039	/	Pass
	16QAM	680.5	25	0	5.112	/	Pass
	64QAM	680.5	25	0	5.073	/	Pass
	256QAM	680.5	25	0	5.066	/	Pass
10	QPSK	680.5	50	0	10.051	/	Pass
	16QAM	680.5	50	0	9.925	/	Pass
	64QAM	680.5	50	0	10.002	/	Pass
	256QAM	680.5	50	0	9.931	/	Pass
15	QPSK	680.5	75	0	14.942	/	Pass
	16QAM	680.5	75	0	14.901	/	Pass
	64QAM	680.5	75	0	14.942	/	Pass
	256QAM	680.5	75	0	14.957	/	Pass
20	QPSK	683	100	0	19.628	/	Pass
	16QAM	683	100	0	19.663	/	Pass
	64QAM	683	100	0	19.664	/	Pass
	256QAM	683	100	0	19.703	/	Pass

3.2 Test Graph

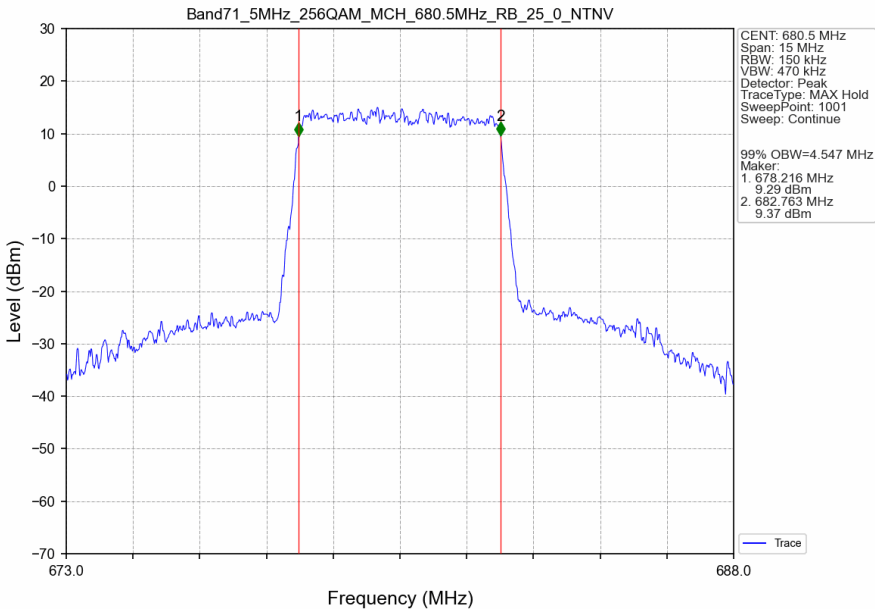
3.2.1 Band71_OBW



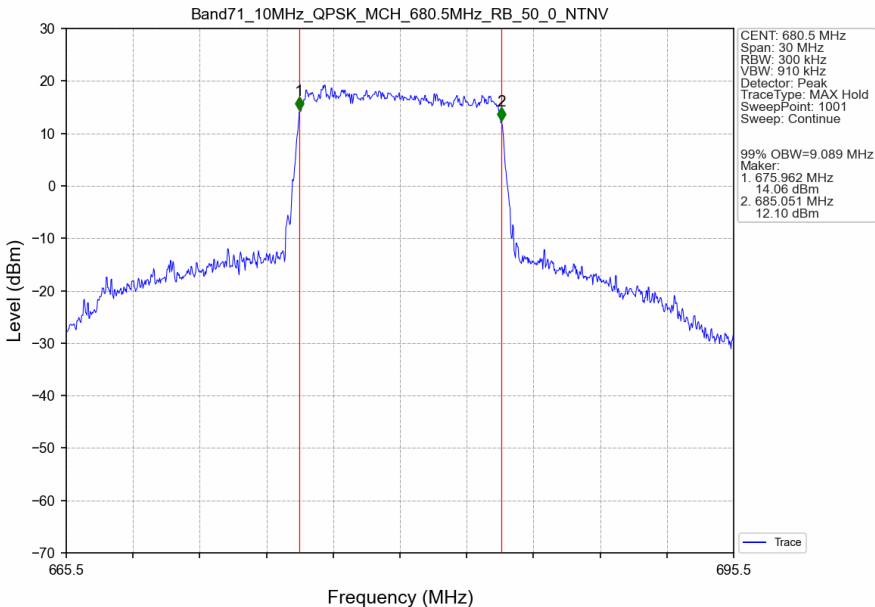
Band71 5MHz 64QAM MCH 680.5MHz RB 25 0 NTV



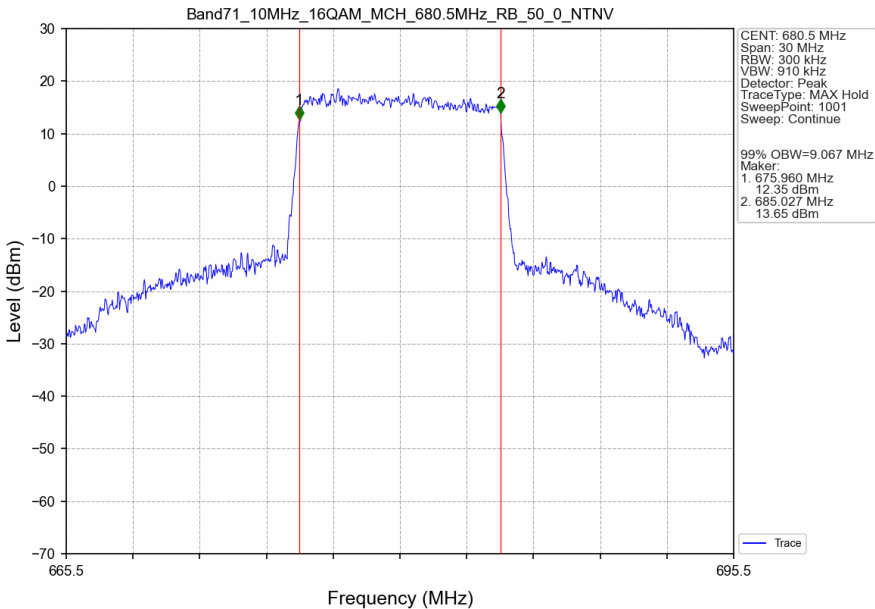
Band71 5MHz 256QAM MCH 680.5MHz RB 25 0 NTV



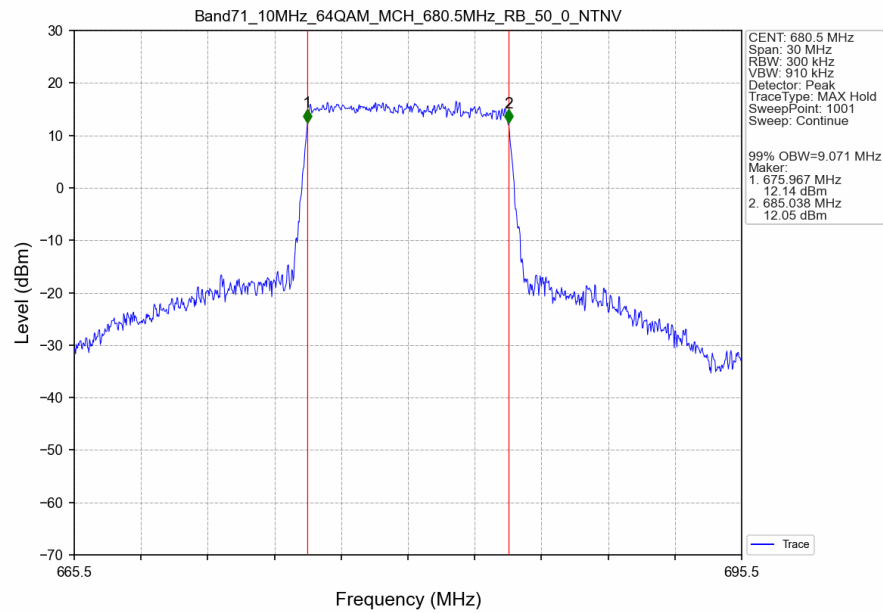
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTV



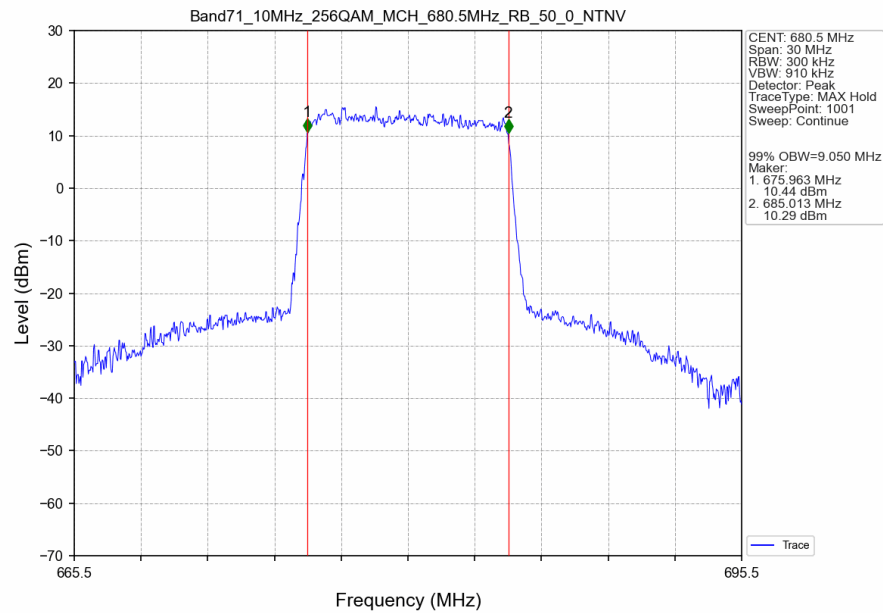
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTV



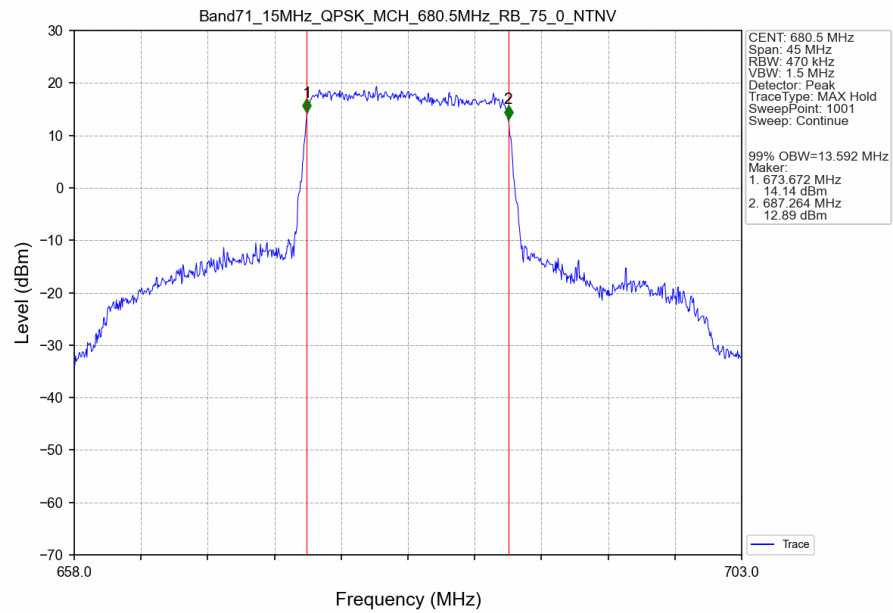
Band71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTN



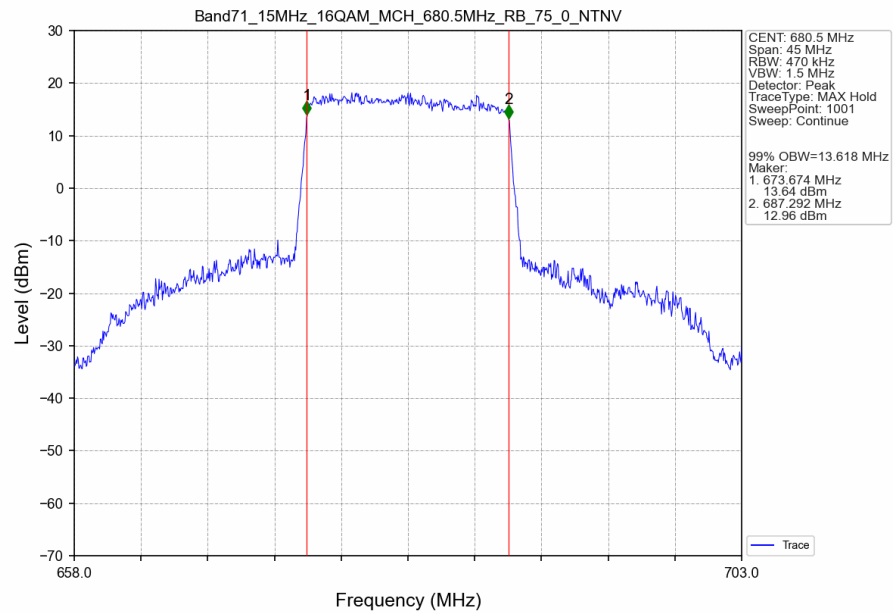
Band71 10MHz 256QAM MCH 680.5MHz RB 50 0 NTN



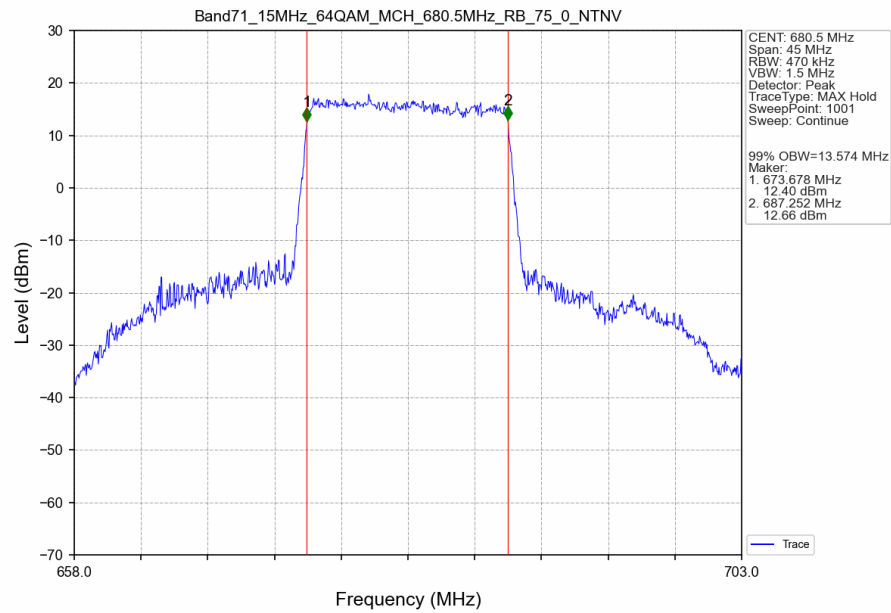
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTV



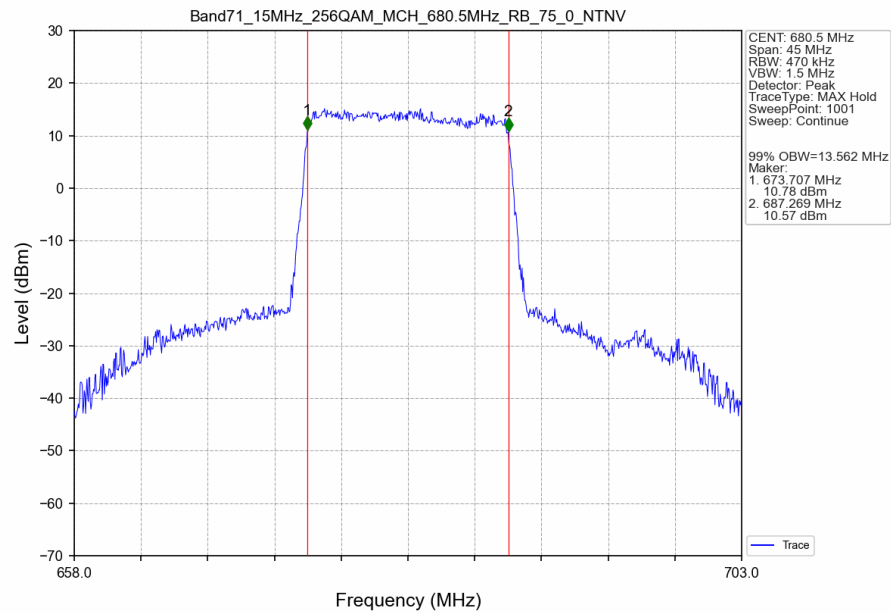
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTV



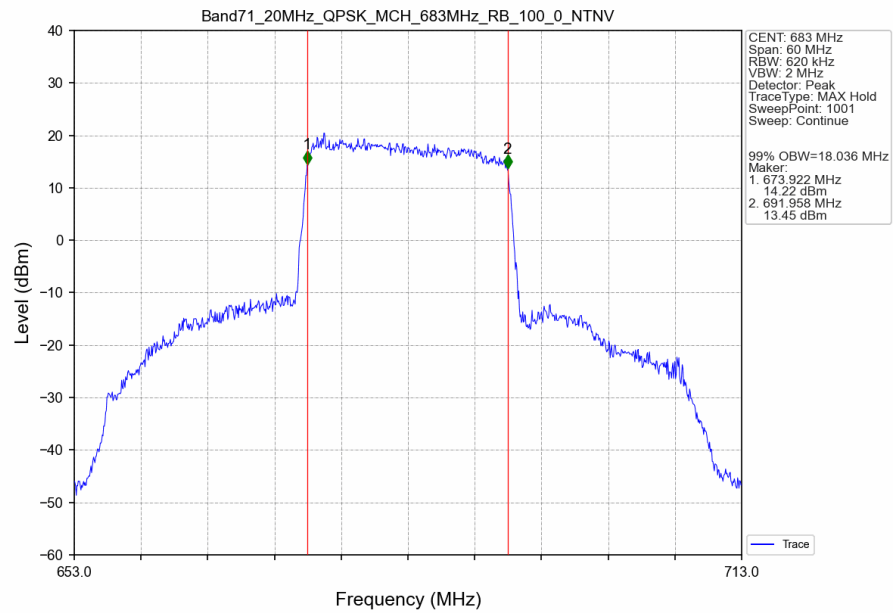
Band71 15MHz 64QAM MCH 680.5MHz RB 75 0 NTNV



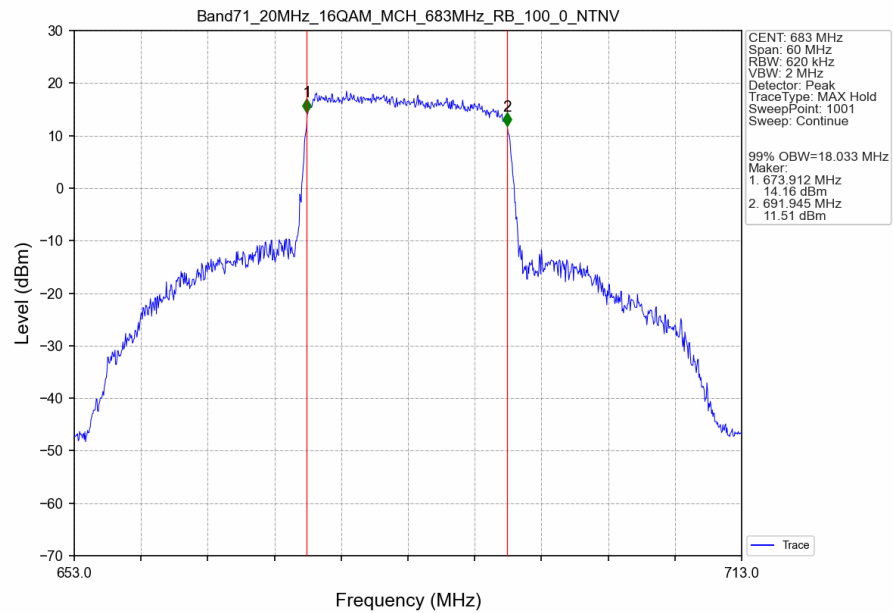
Band71 15MHz 256QAM MCH 680.5MHz RB 75 0 NTNV



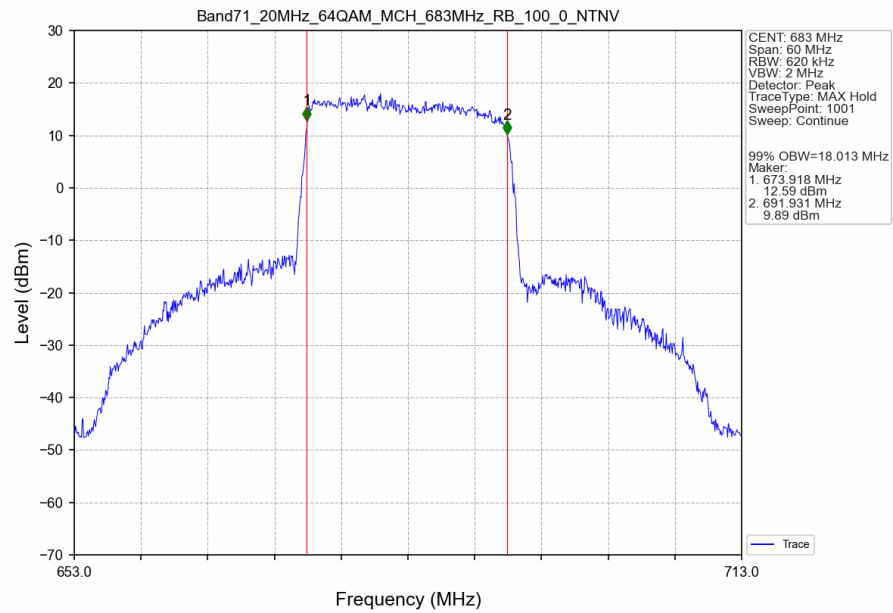
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



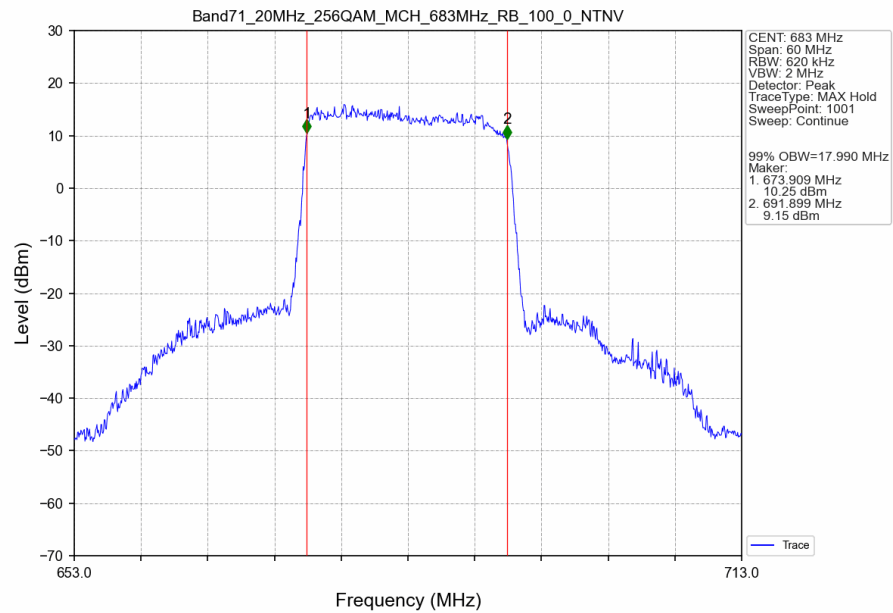
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



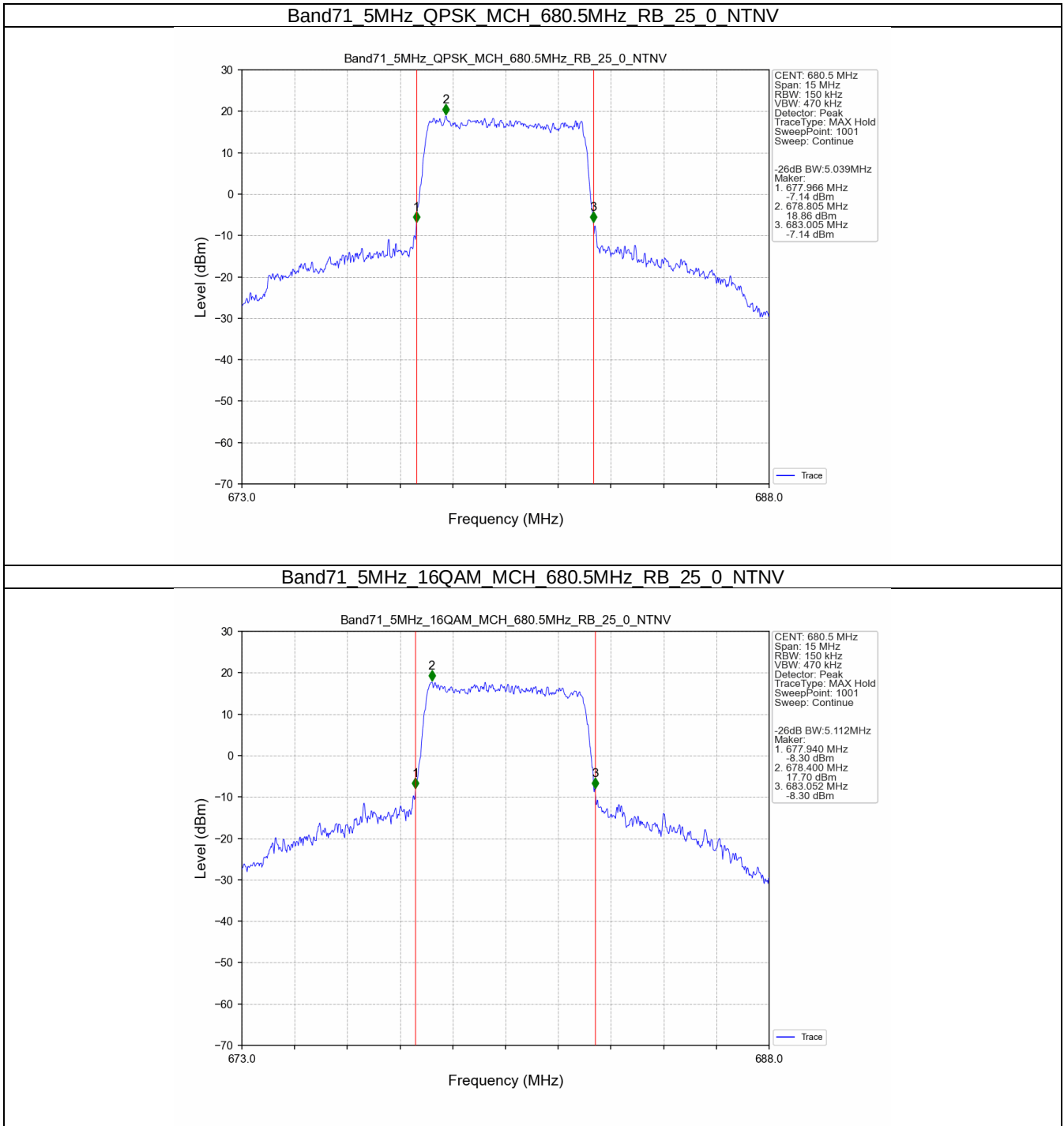
Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTNV



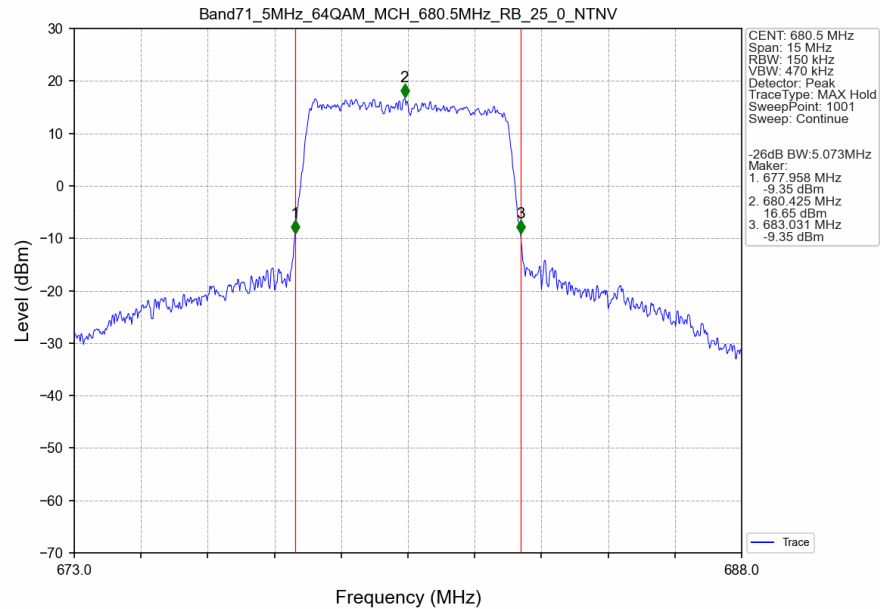
Band71 20MHz 256QAM MCH 683MHz RB 100 0 NTNV



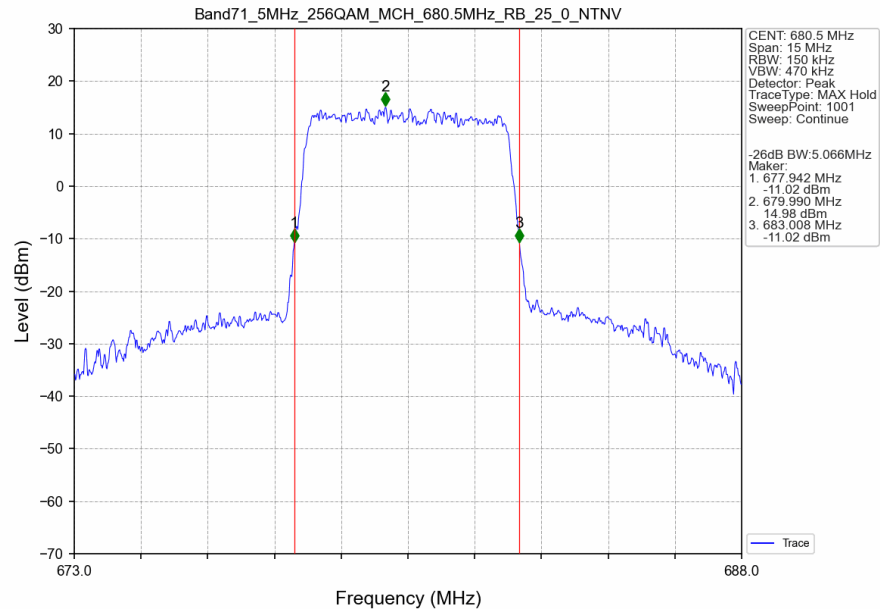
3.2.2 Band71_XDB



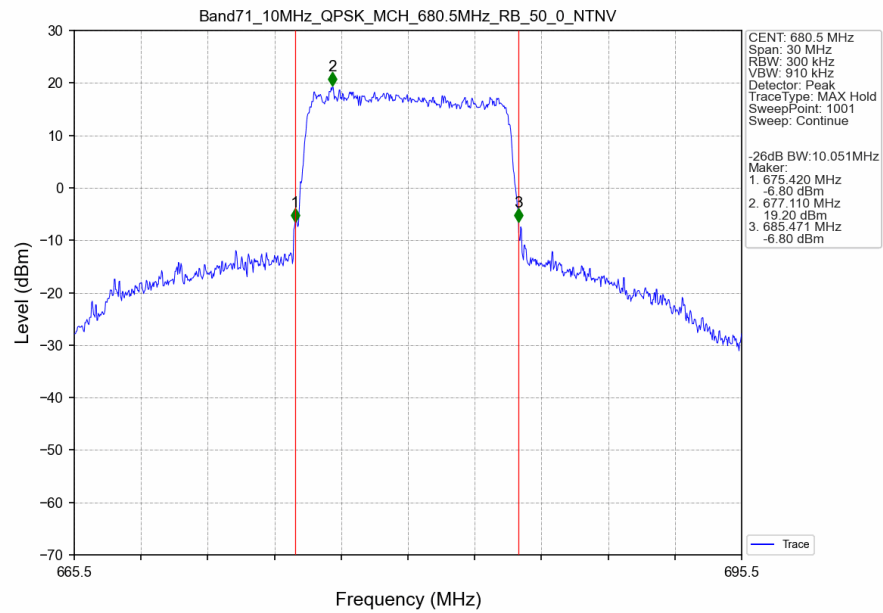
Band71 5MHz 64QAM MCH 680.5MHz RB 25 0 NTV



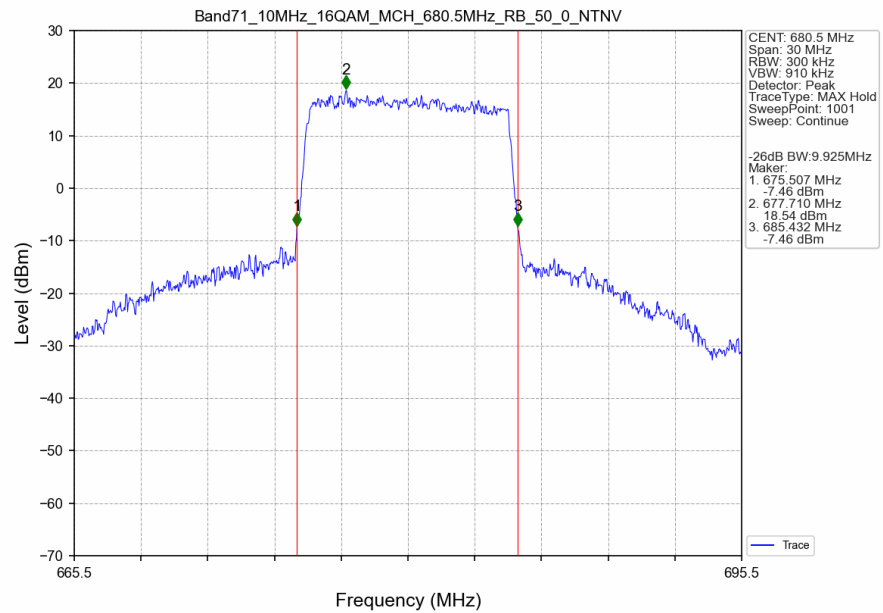
Band71 5MHz 256QAM MCH 680.5MHz RB 25 0 NTV



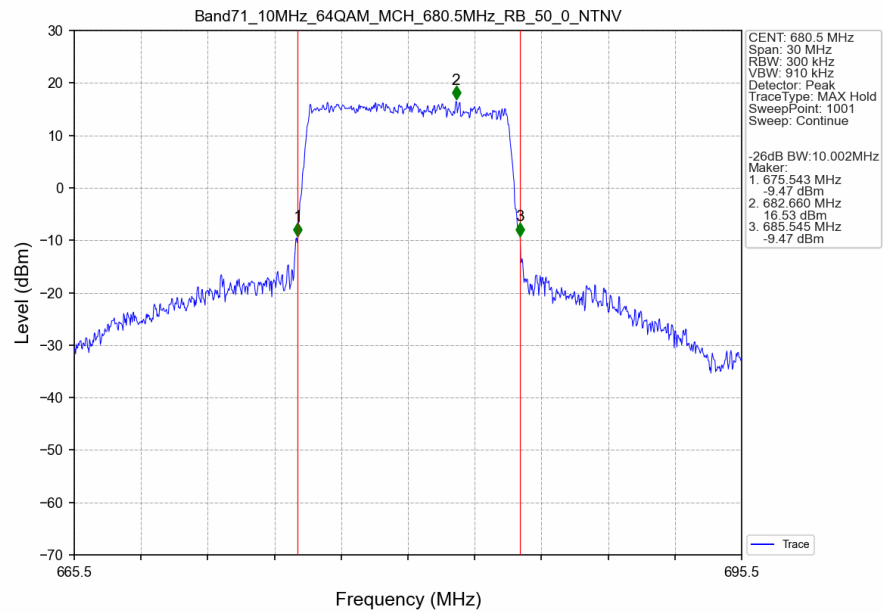
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



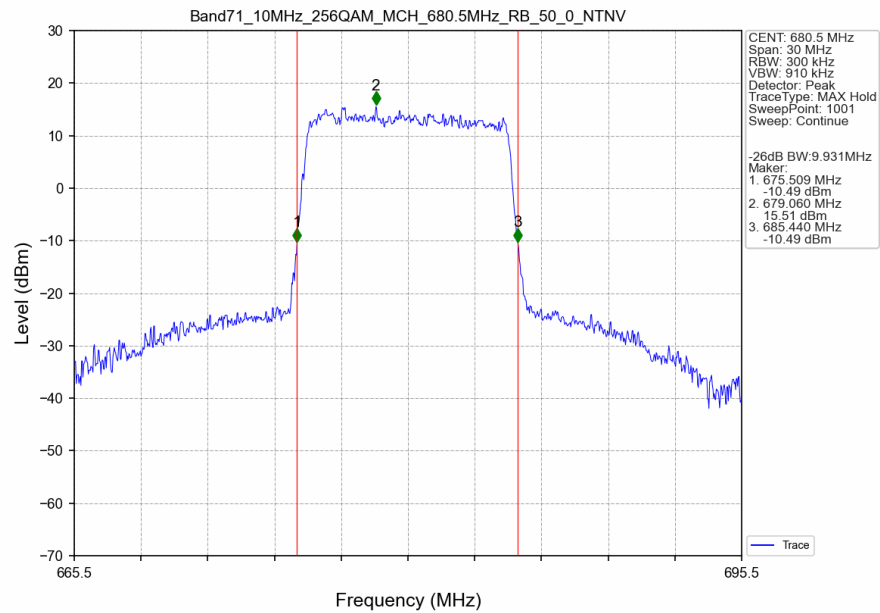
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



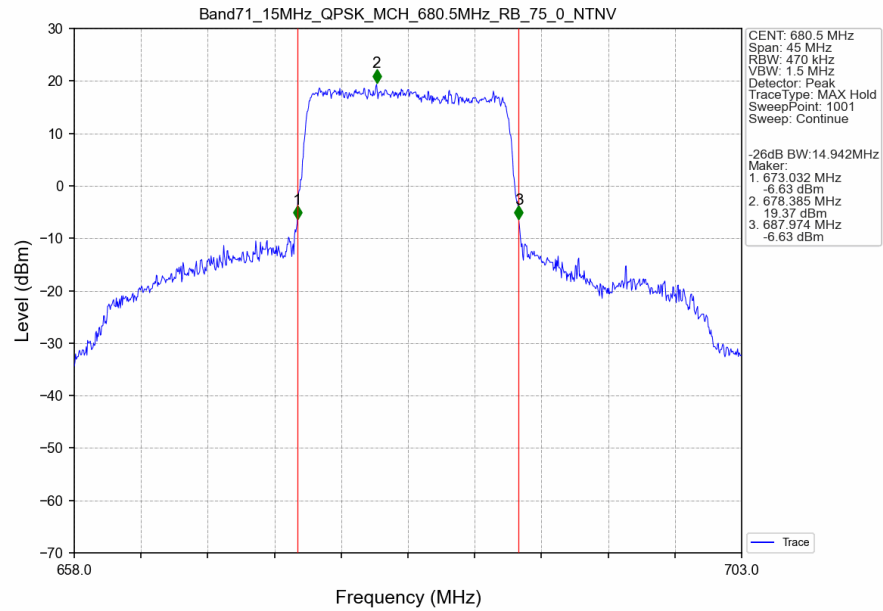
Band71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTN



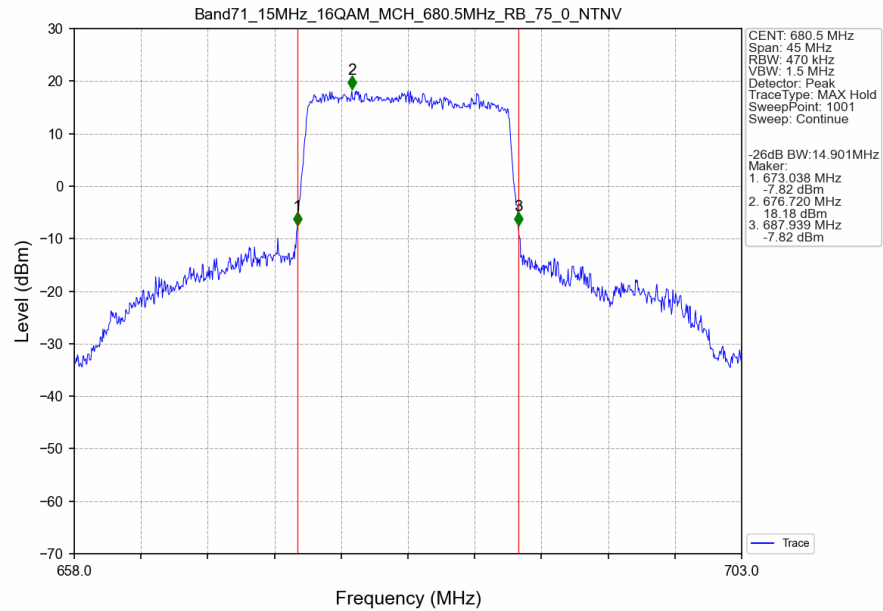
Band71 10MHz 256QAM MCH 680.5MHz RB 50 0 NTN



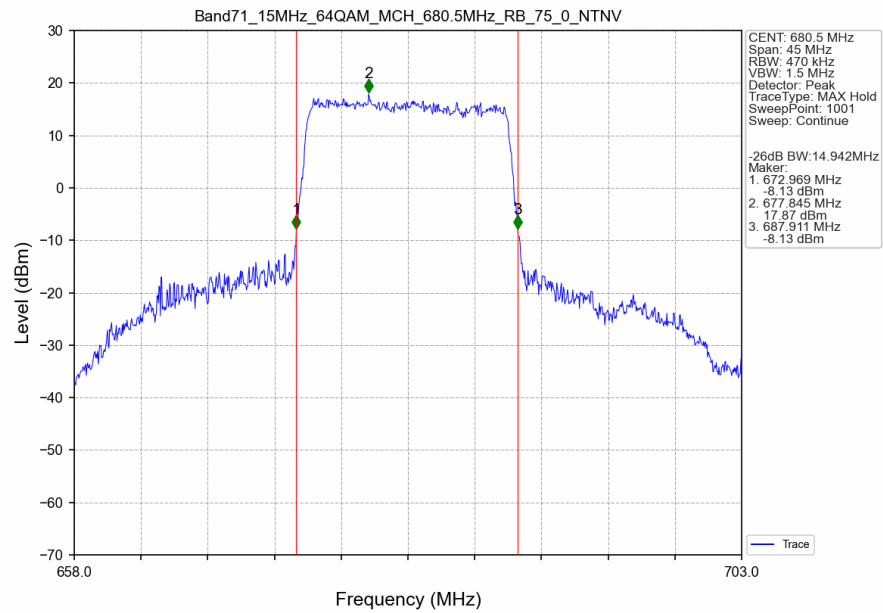
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTV



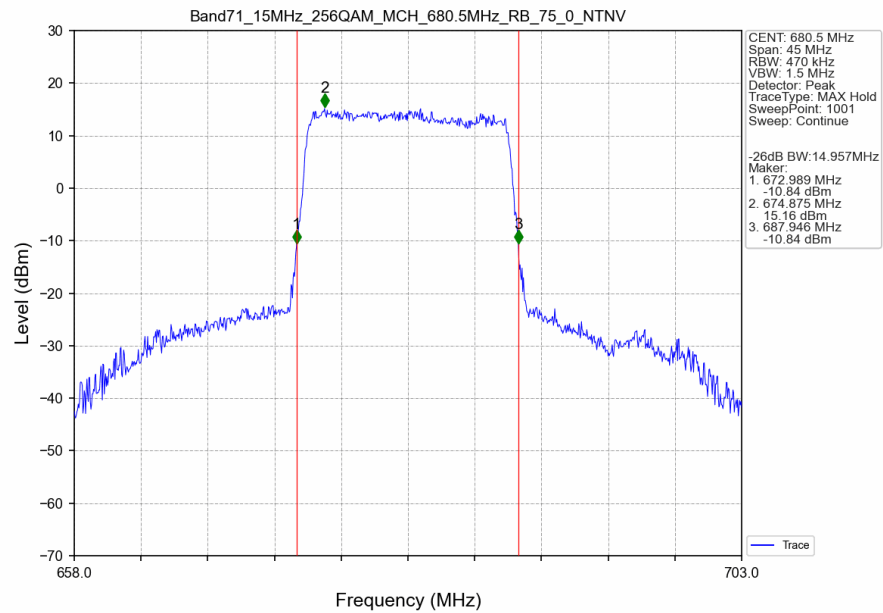
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTV



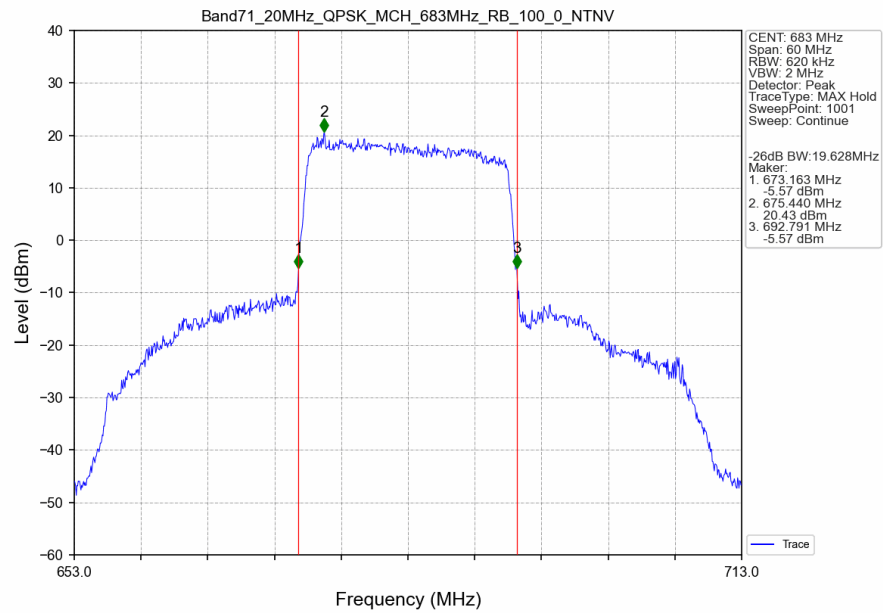
Band71 15MHz 64QAM MCH 680.5MHz RB 75 0 NTNV



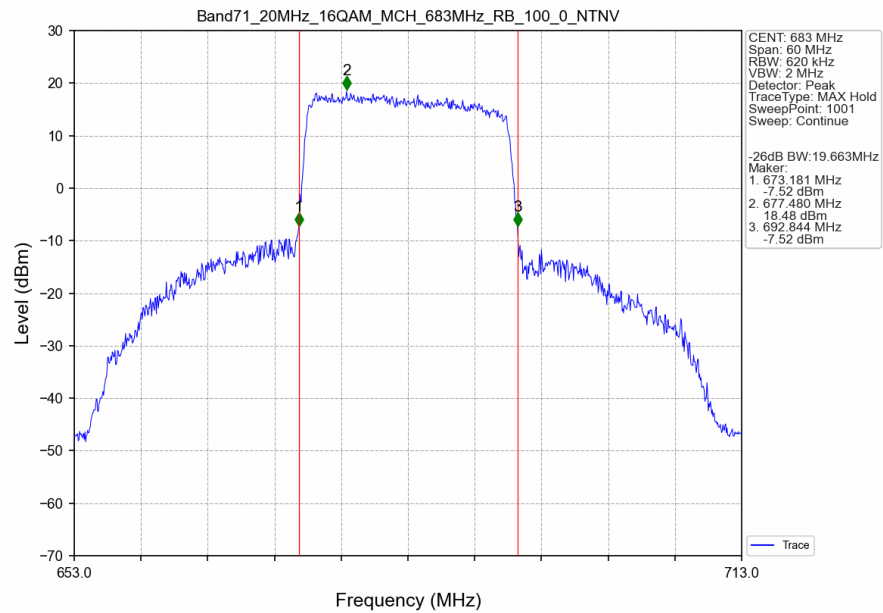
Band71 15MHz 256QAM MCH 680.5MHz RB 75 0 NTNV



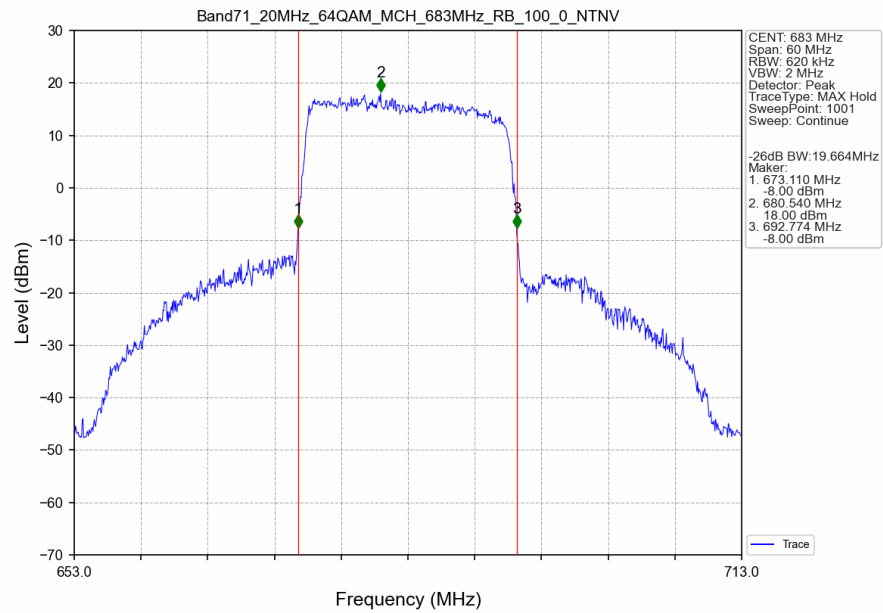
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



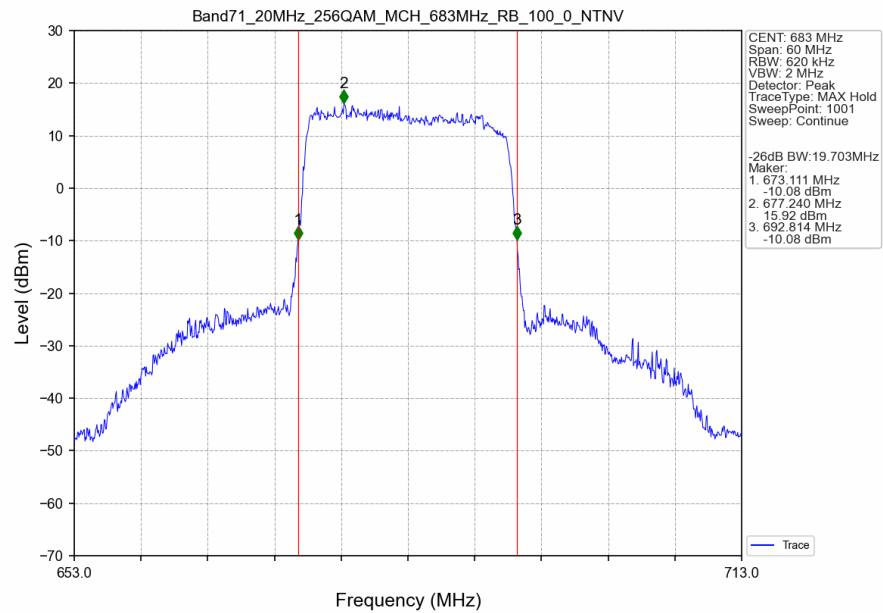
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTN



Band71 20MHz 256QAM MCH 683MHz RB 100 0 NTN



4. Peak-Average Ratio

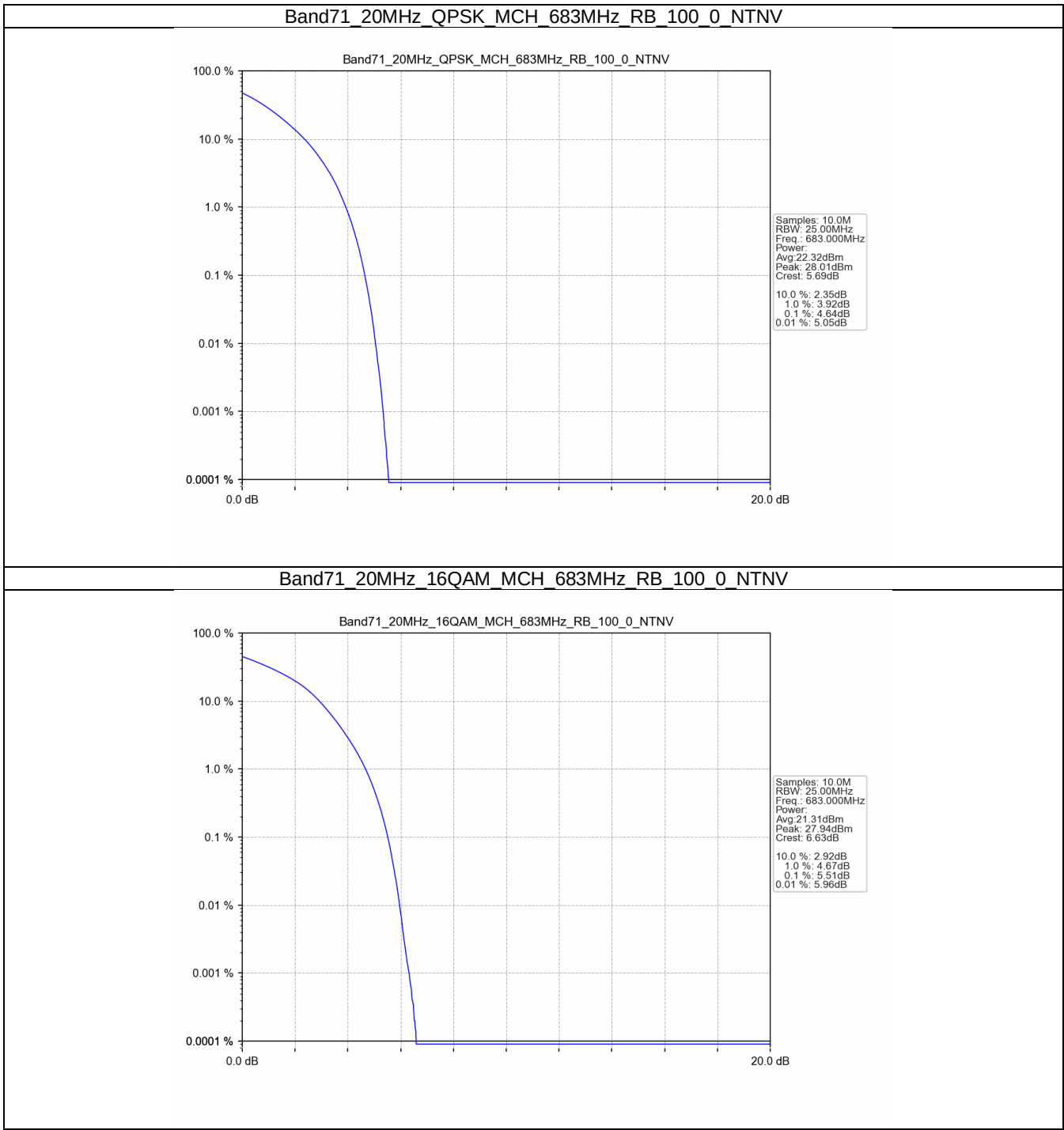
4.1 Test Result

4.1.1 B71_20MHz

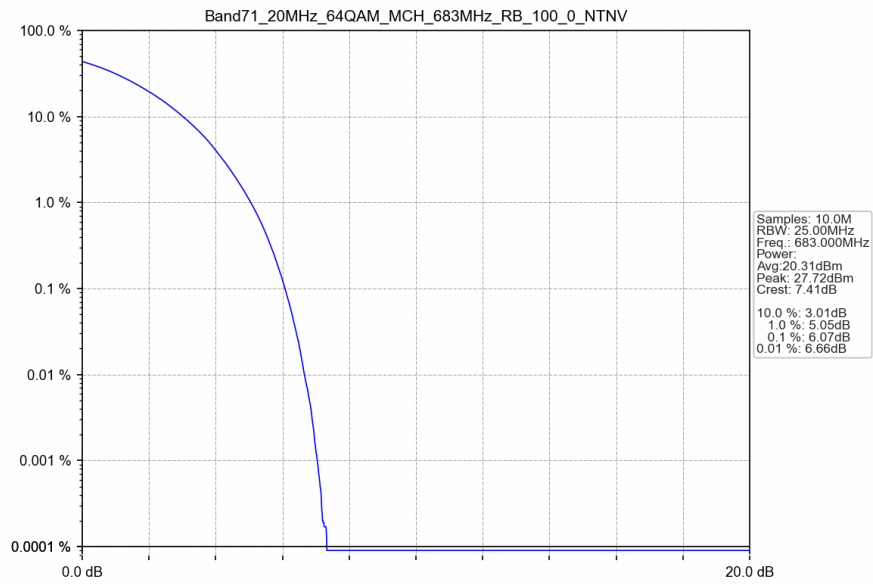
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	4.64	<=13	Pass
16QAM	683	100	0	5.51	<=13	Pass
64QAM	683	100	0	6.07	<=13	Pass
256QAM	683	100	0	6.68	<=13	Pass

4.2 Test Graph

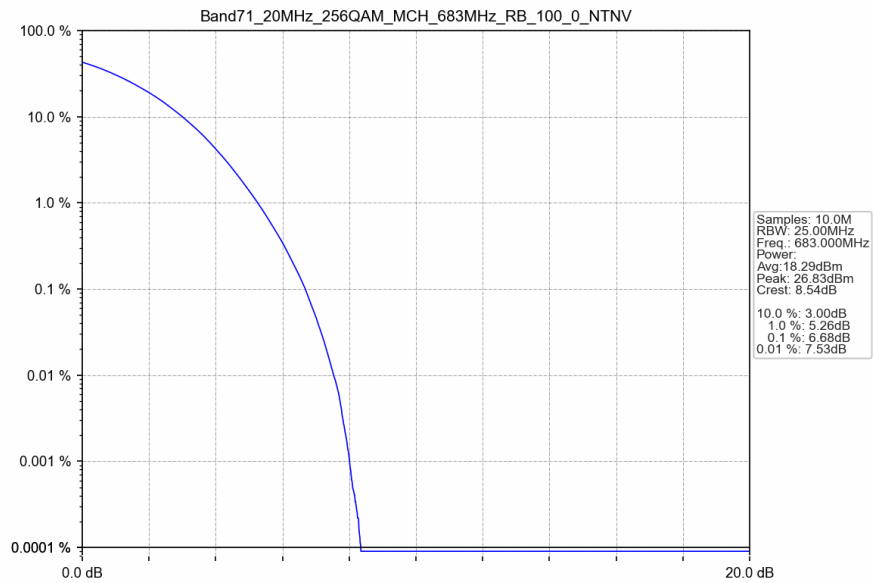
4.2.1 B71_20MHz



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 / 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

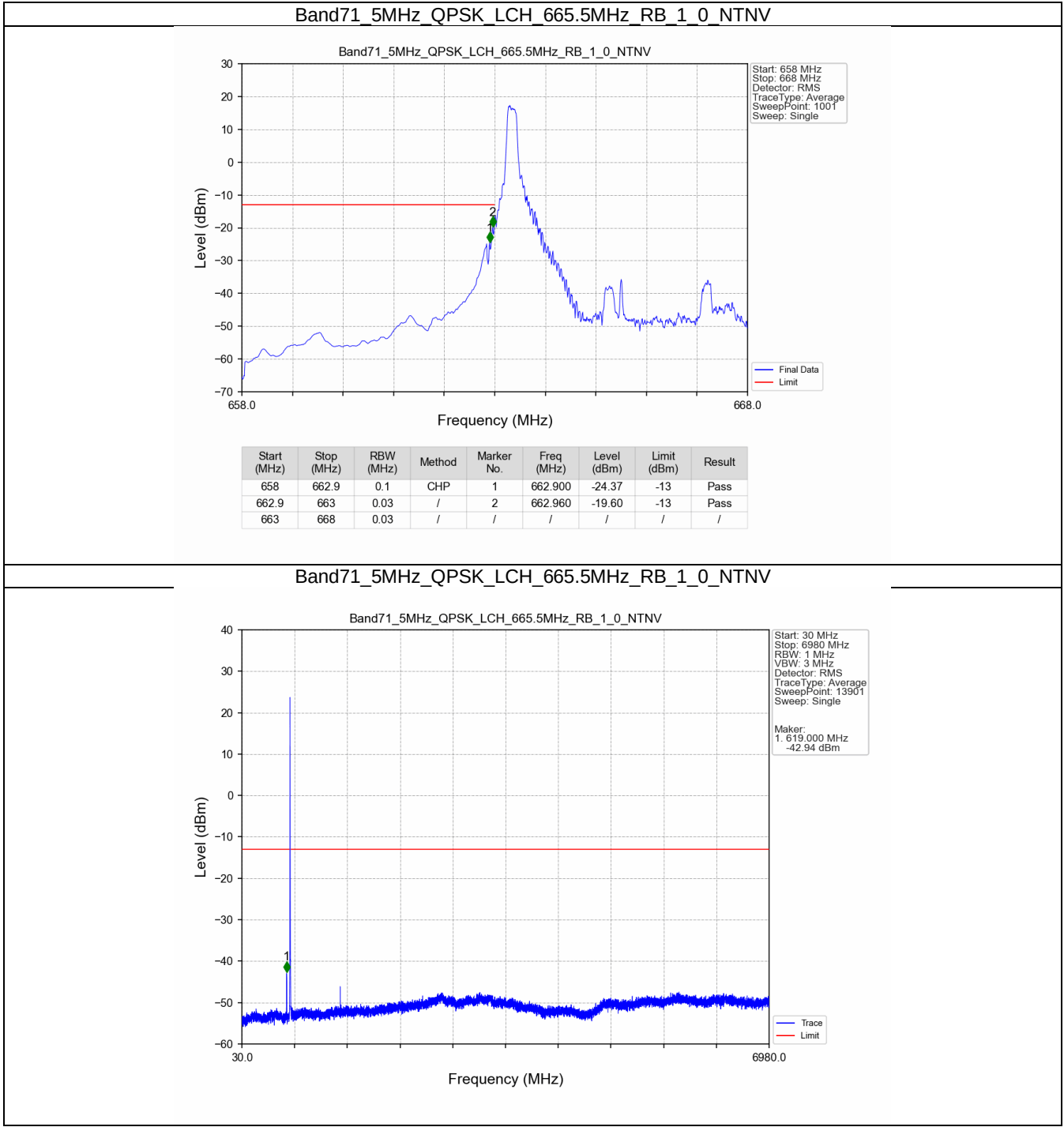
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B71_20MHz

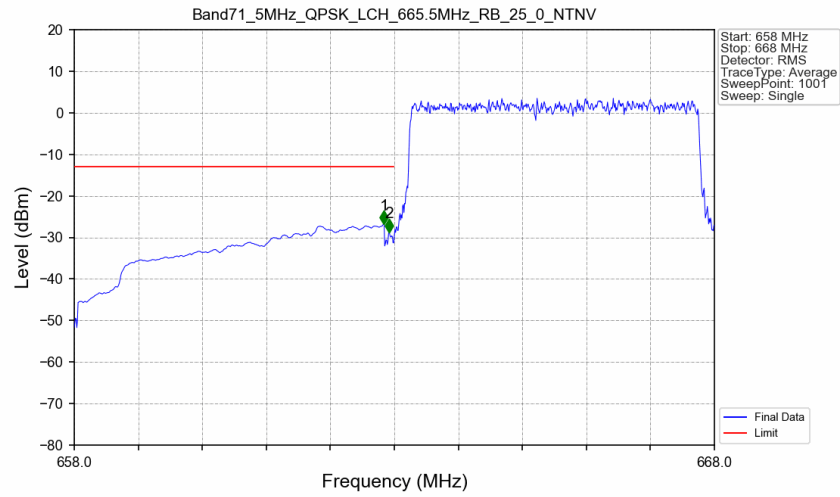
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

5.2.1 B71_5MHz

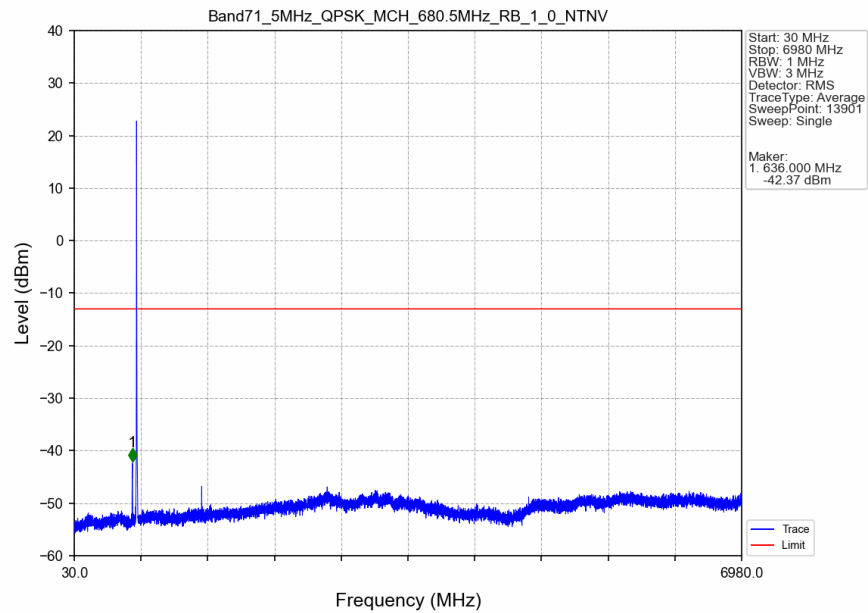


Band71 5MHz QPSK LCH 665.5MHz RB 25 0 NTNV

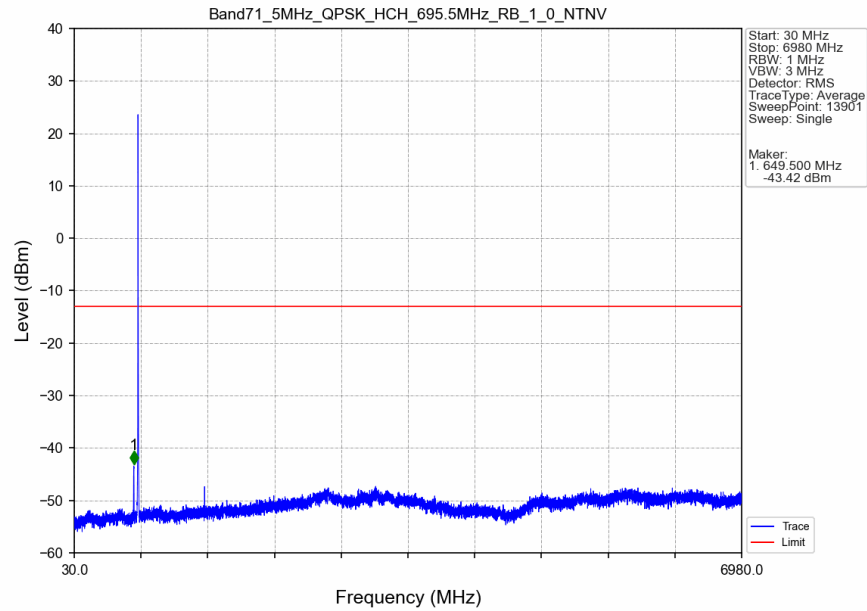


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-26.75	-13	Pass
662.9	663	0.03	/	2	662.920	-28.67	-13	Pass
663	668	0.03	/	/	/	/	/	/

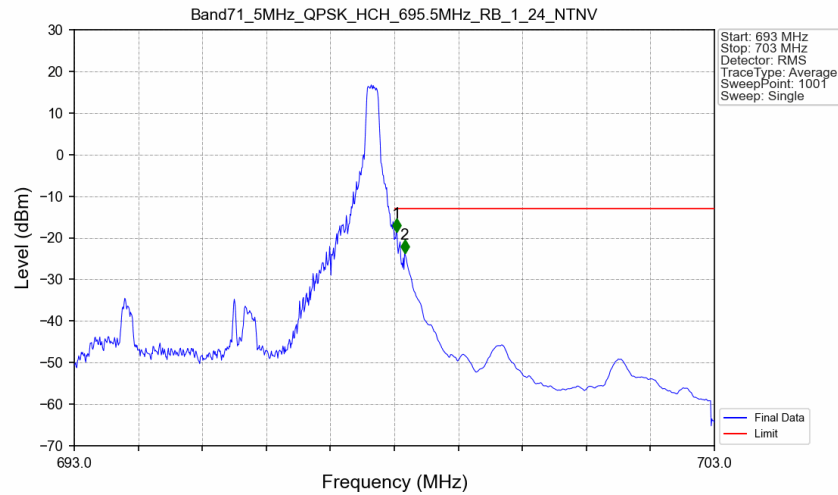
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN

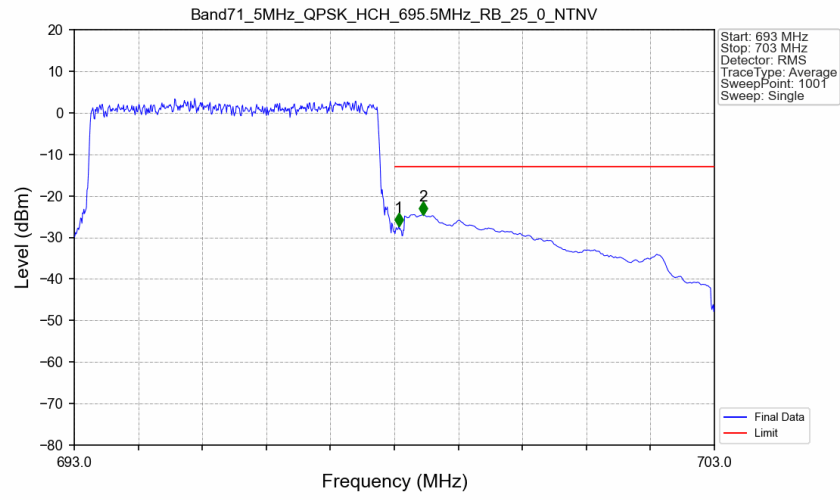


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTN



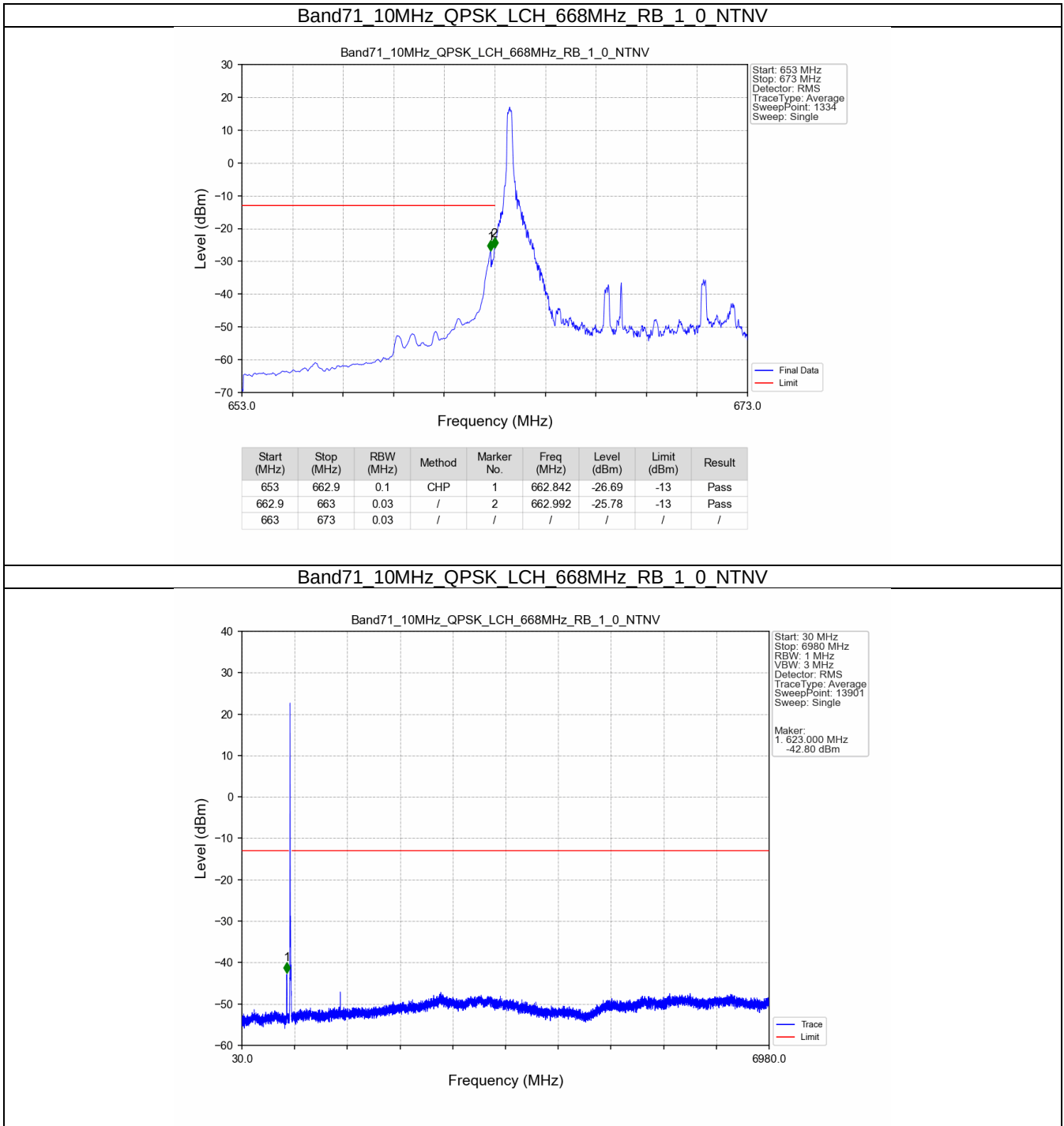
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-18.51	-13	Pass
698.1	703	0.1	CHP	2	698.160	-23.62	-13	Pass

Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV

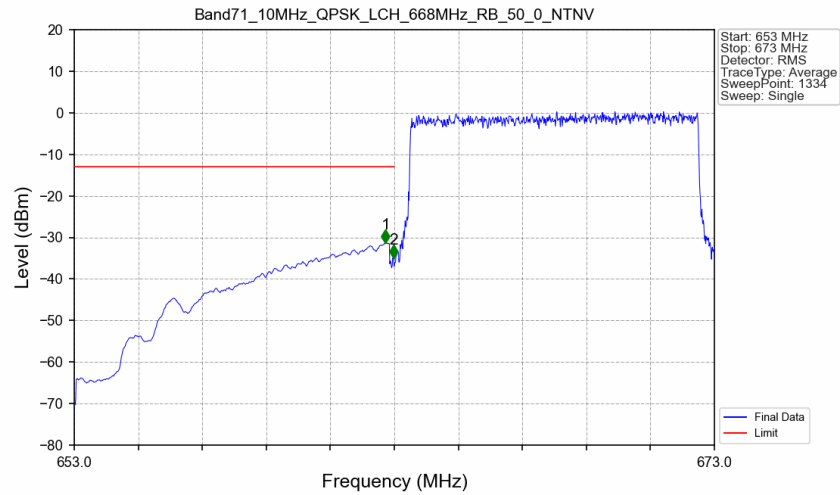


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.070	-27.26	-13	Pass
698.1	703	0.1	CHP	2	698.450	-24.52	-13	Pass

5.2.2 B71_10MHz

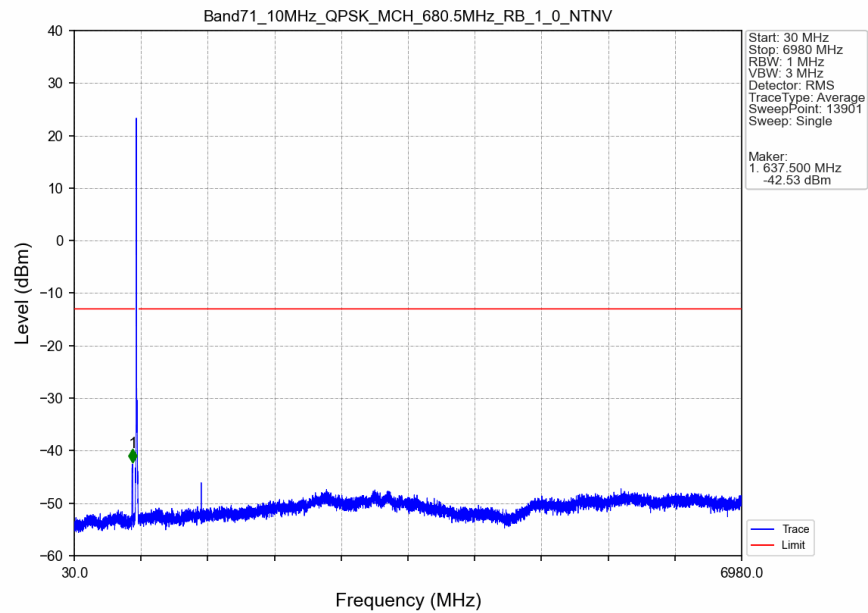


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

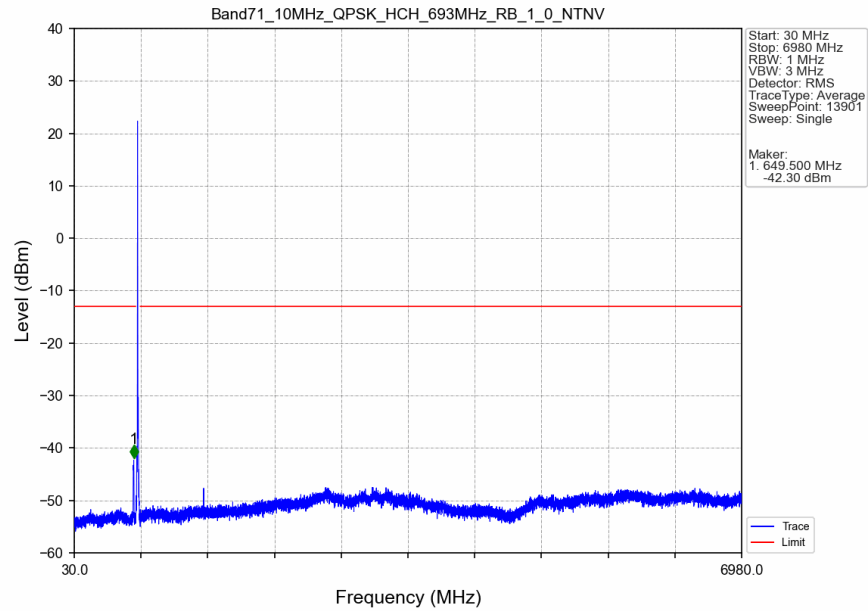


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.722	-31.30	-13	Pass
662.9	663	0.03	/	2	662.977	-34.91	-13	Pass
663	673	0.03	/	/	/	/	/	/

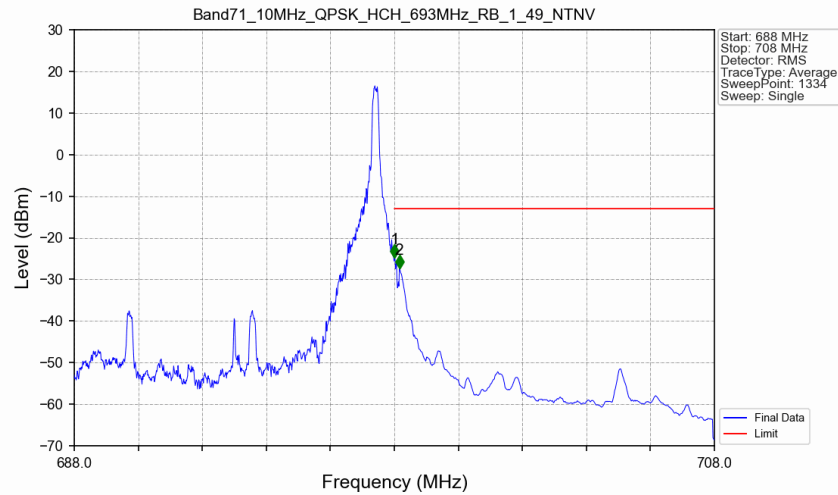
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 10MHz QPSK HCH 693MHz RB 1 0 NTN

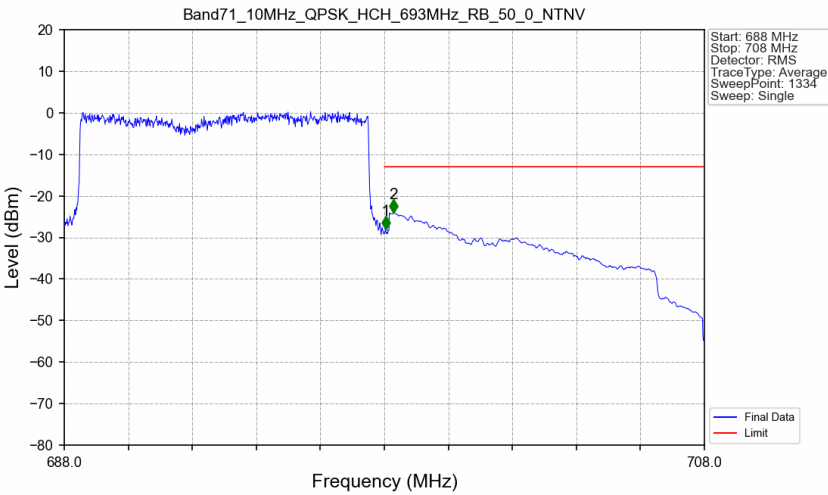


Band71 10MHz QPSK HCH 693MHz RB 1 49 NTN



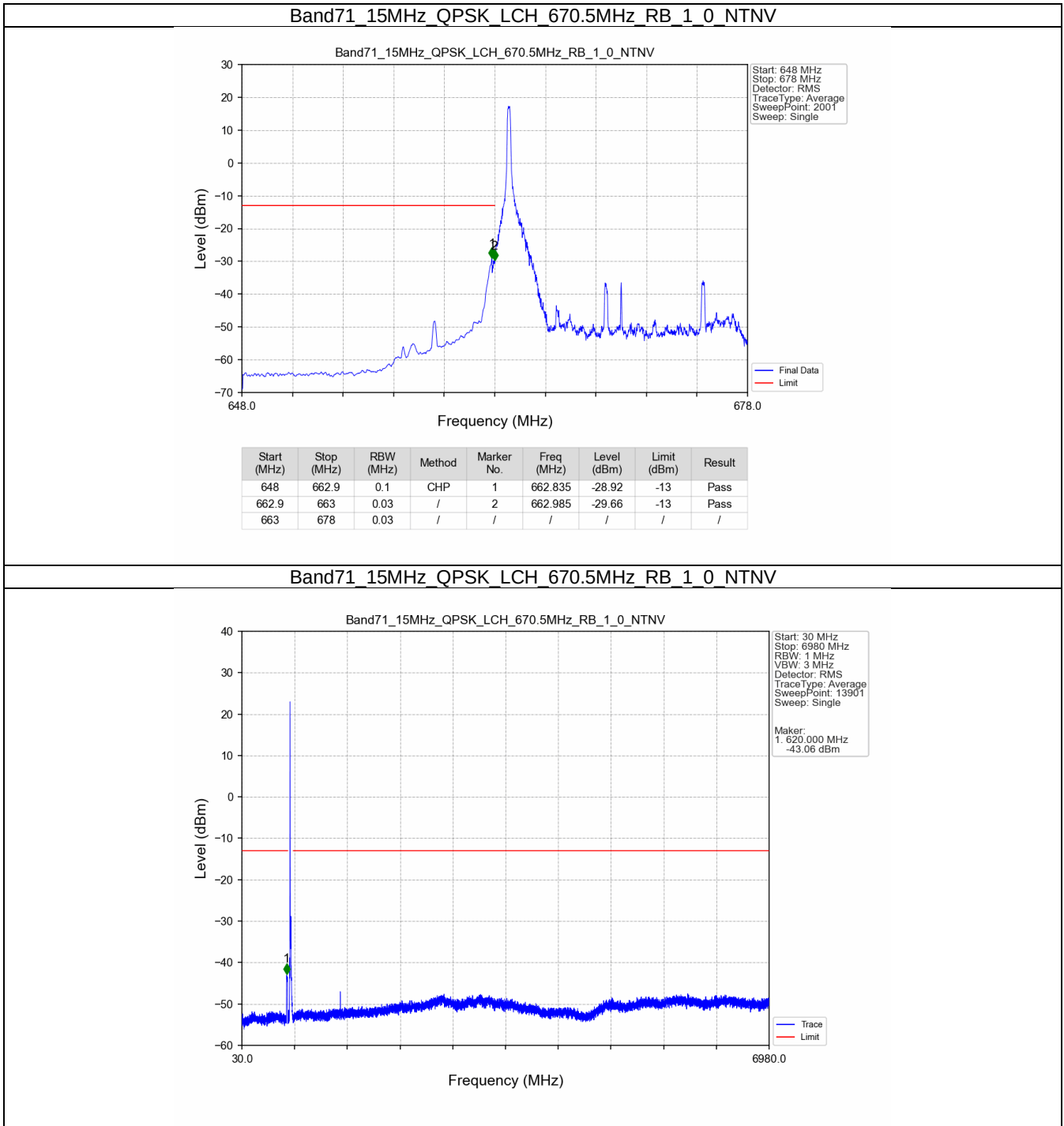
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-24.82	-13	Pass
698.1	708	0.1	CHP	2	698.158	-27.30	-13	Pass

Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN

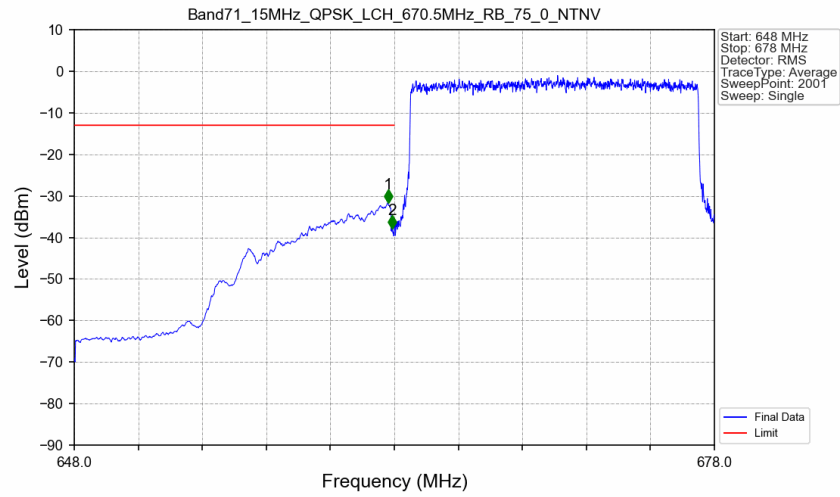


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.038	-28.10	-13	Pass
698.1	708	0.1	CHP	2	698.293	-24.06	-13	Pass

5.2.3 B71_15MHz

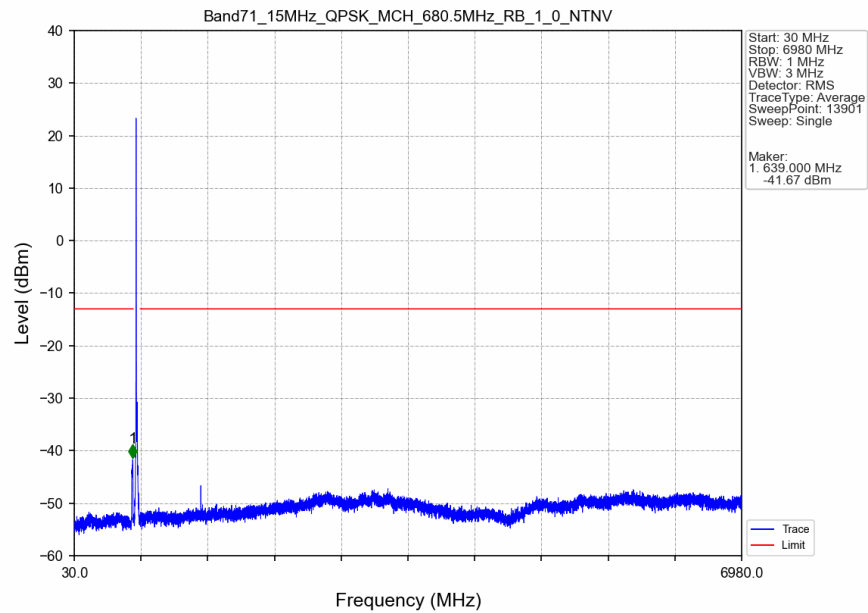


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

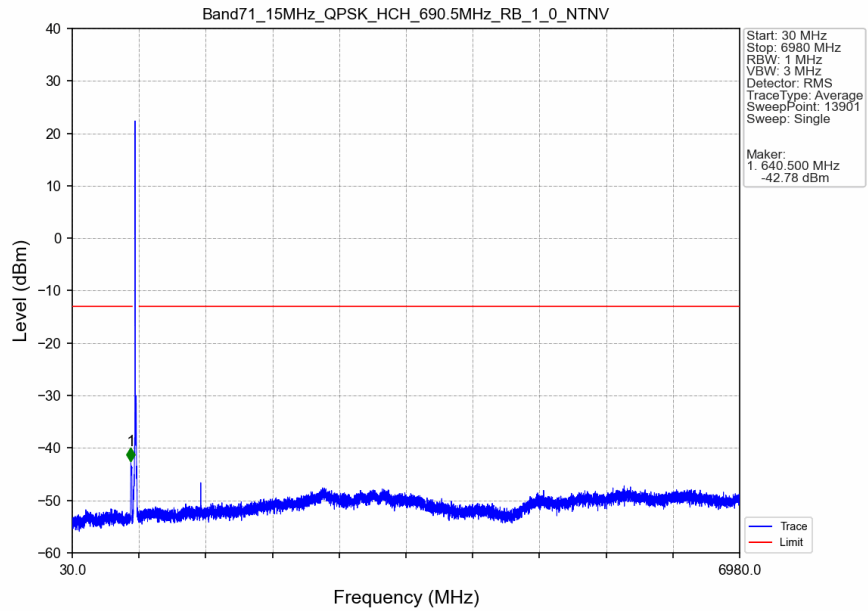


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.700	-31.66	-13	Pass
662.9	663	0.03	/	2	662.910	-37.83	-13	Pass
663	678	0.03	/	/	/	/	/	/

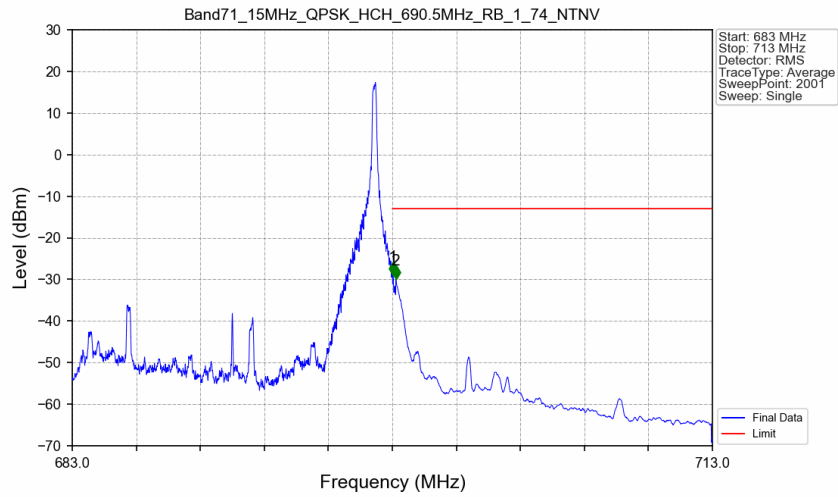
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV

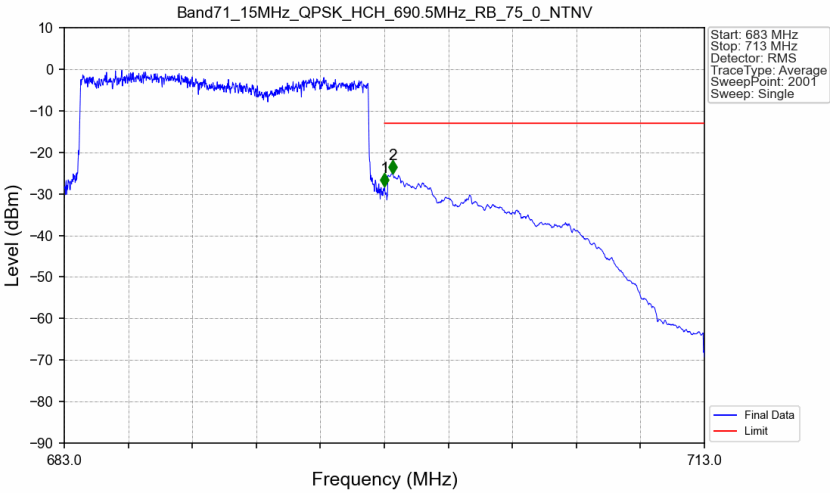


Band71 15MHz QPSK HCH 690.5MHz RB 1 74 NTV



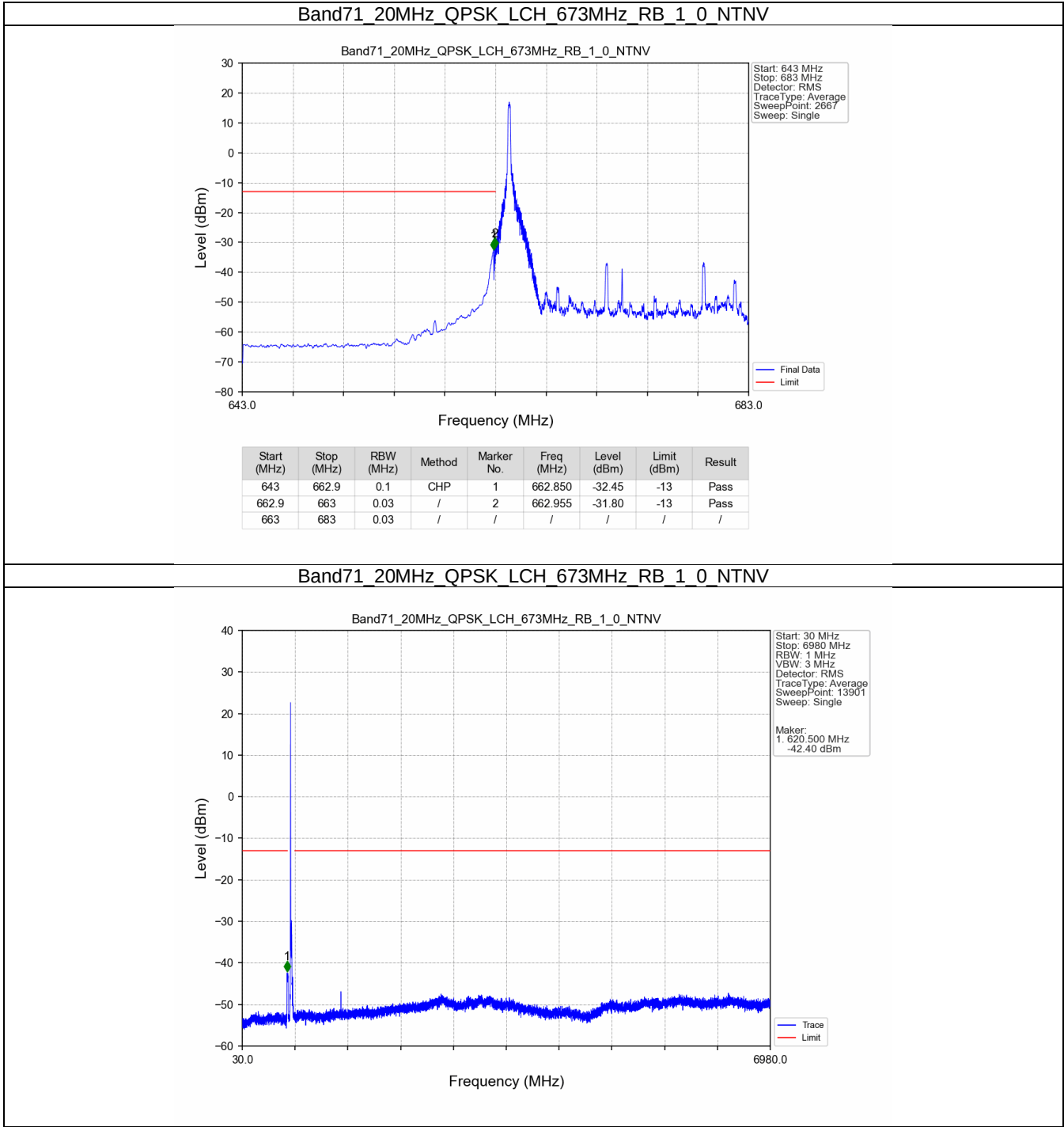
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-29.02	-13	Pass
698.1	713	0.1	CHP	2	698.165	-29.86	-13	Pass

Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV

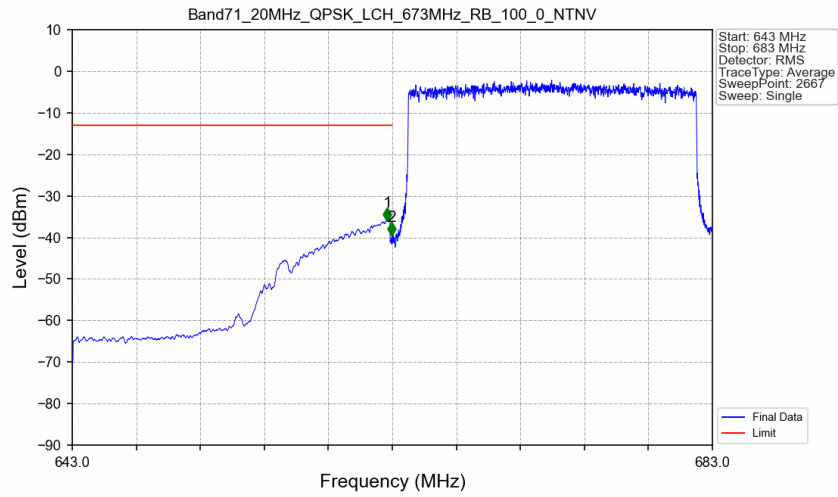


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-28.12	-13	Pass
698.1	713	0.1	CHP	2	698.390	-25.12	-13	Pass

5.2.4 B71_20MHz

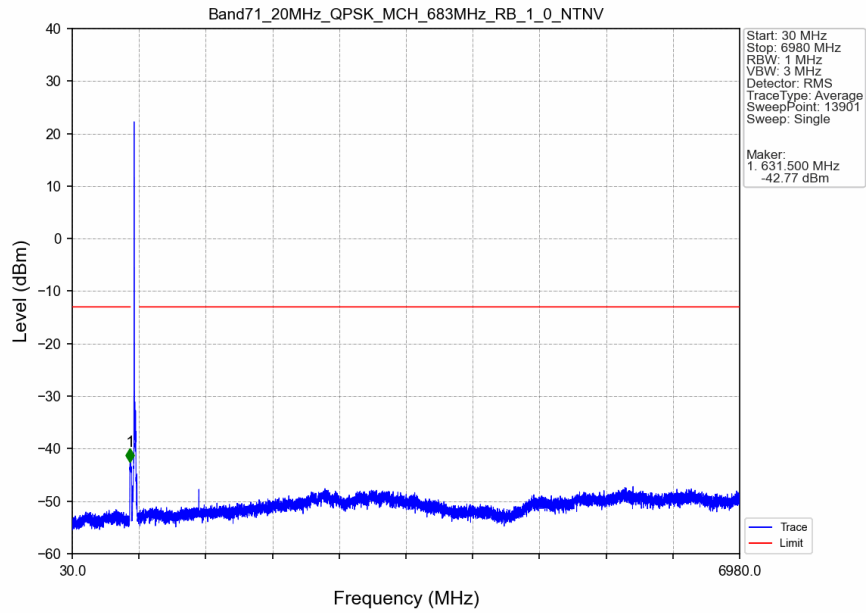


Band71 20MHz QPSK LCH 673MHz RB 100 0 NTN

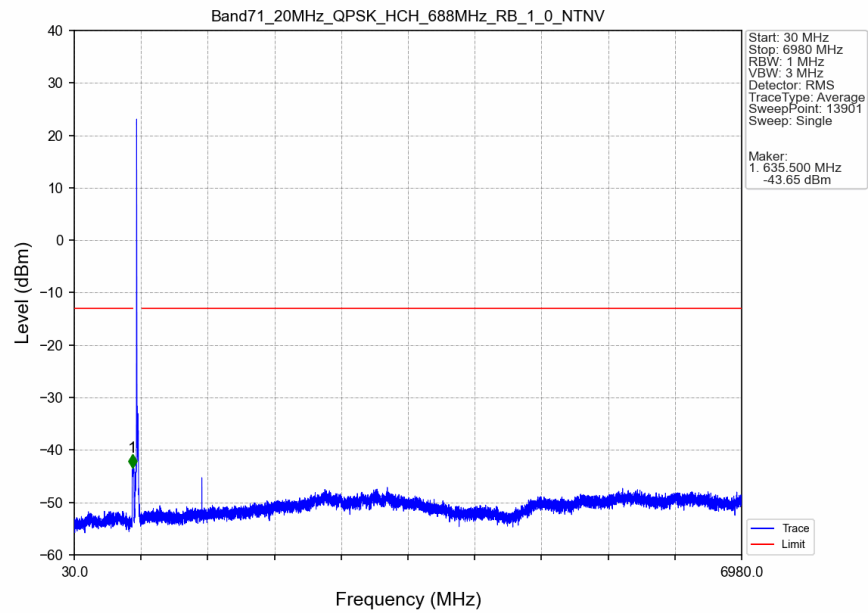


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.685	-36.00	-13	Pass
662.9	663	0.03	/	2	662.970	-39.55	-13	Pass
663	683	0.03	/	/	/	/	/	/

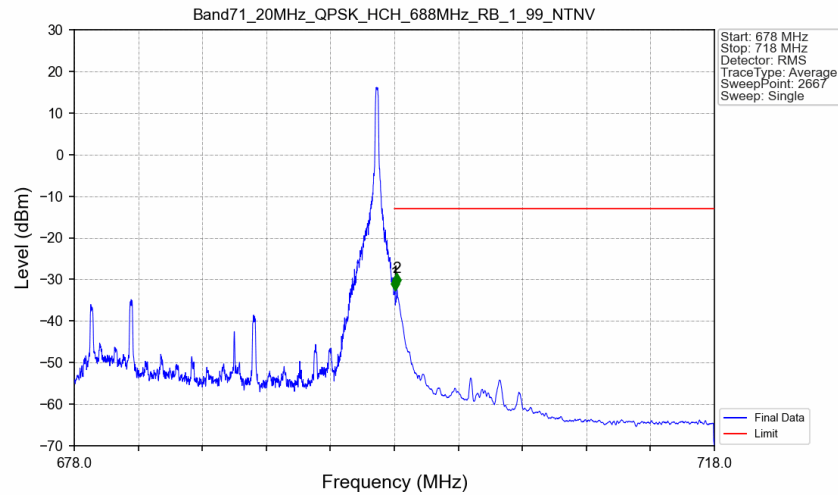
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0 NTN



Band71 20MHz QPSK HCH 688MHz RB 1 0 NTN

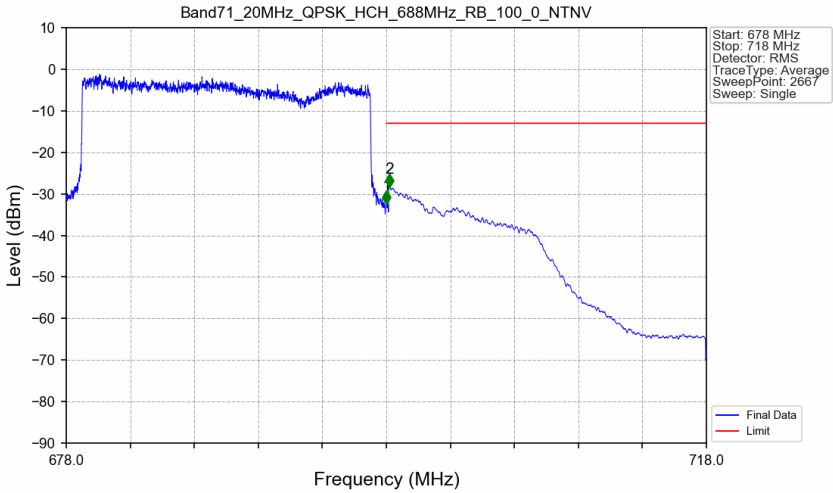


Band71 20MHz QPSK HCH 688MHz RB 1 99 NTN



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	698.045	-32.60	-13	Pass
698.1	718	0.1	CHP	2	698.150	-31.70	-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	-32.31	-13	Pass
698.1	718	0.1	CHP	2	698.195	-28.35	-13	Pass