

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	25.12	-5.60	17.37	<=34.77	Pass
			13	25.27	-5.60	17.52	<=34.77	Pass
			24	25.30	-5.60	17.55	<=34.77	Pass
		12	0	24.55	-5.60	16.80	<=34.77	Pass
			6	24.64	-5.60	16.89	<=34.77	Pass
			13	24.68	-5.60	16.93	<=34.77	Pass
		25	0	24.67	-5.60	16.92	<=34.77	Pass
	680.5	1	0	25.15	-5.60	17.40	<=34.77	Pass
			13	25.06	-5.60	17.31	<=34.77	Pass
			24	24.92	-5.60	17.17	<=34.77	Pass
		12	0	24.53	-5.60	16.78	<=34.77	Pass
			6	24.50	-5.60	16.75	<=34.77	Pass
			13	24.49	-5.60	16.74	<=34.77	Pass
		25	0	24.52	-5.60	16.77	<=34.77	Pass
	695.5	1	0	25.08	-5.60	17.33	<=34.77	Pass
			13	25.04	-5.60	17.29	<=34.77	Pass
			24	24.95	-5.60	17.20	<=34.77	Pass
		12	0	24.51	-5.60	16.76	<=34.77	Pass
			6	24.48	-5.60	16.73	<=34.77	Pass
			13	24.46	-5.60	16.71	<=34.77	Pass
		25	0	24.51	-5.60	16.76	<=34.77	Pass
16QAM	665.5	1	0	24.47	-5.60	16.72	<=34.77	Pass
			13	24.56	-5.60	16.81	<=34.77	Pass
			24	24.67	-5.60	16.92	<=34.77	Pass
		12	0	23.65	-5.60	15.90	<=34.77	Pass
			6	23.70	-5.60	15.95	<=34.77	Pass
			13	23.72	-5.60	15.97	<=34.77	Pass
		25	0	23.72	-5.60	15.97	<=34.77	Pass
	680.5	1	0	24.86	-5.60	17.11	<=34.77	Pass
			13	24.73	-5.60	16.98	<=34.77	Pass
			24	24.68	-5.60	16.93	<=34.77	Pass
		12	0	23.58	-5.60	15.83	<=34.77	Pass
			6	23.52	-5.60	15.77	<=34.77	Pass
			13	23.50	-5.60	15.75	<=34.77	Pass
		25	0	23.50	-5.60	15.75	<=34.77	Pass
	695.5	1	0	24.57	-5.60	16.82	<=34.77	Pass
			13	24.49	-5.60	16.74	<=34.77	Pass
			24	24.52	-5.60	16.77	<=34.77	Pass
		12	0	23.54	-5.60	15.79	<=34.77	Pass
			6	23.50	-5.60	15.75	<=34.77	Pass
			13	23.46	-5.60	15.71	<=34.77	Pass
		25	0	23.51	-5.60	15.76	<=34.77	Pass
64QAM	665.5	1	0	23.39	-5.60	15.64	<=34.77	Pass
			13	23.48	-5.60	15.73	<=34.77	Pass
			24	23.58	-5.60	15.83	<=34.77	Pass
		12	0	22.61	-5.60	14.86	<=34.77	Pass
			6	22.69	-5.60	14.94	<=34.77	Pass
			13	22.73	-5.60	14.98	<=34.77	Pass
		25	0	22.65	-5.60	14.90	<=34.77	Pass
	680.5	1	0	23.85	-5.60	16.10	<=34.77	Pass
			13	23.72	-5.60	15.97	<=34.77	Pass
			24	23.67	-5.60	15.92	<=34.77	Pass
		12	0	22.47	-5.60	14.72	<=34.77	Pass
			6	22.45	-5.60	14.70	<=34.77	Pass

			13	22.42	-5.60	14.67	<=34.77	Pass
		25	0	22.49	-5.60	14.74	<=34.77	Pass
	695.5	1	0	23.65	-5.60	15.90	<=34.77	Pass
			13	23.83	-5.60	16.08	<=34.77	Pass
			24	23.77	-5.60	16.02	<=34.77	Pass
		12	0	22.62	-5.60	14.87	<=34.77	Pass
			6	22.59	-5.60	14.84	<=34.77	Pass
			13	22.52	-5.60	14.77	<=34.77	Pass
		25	0	22.54	-5.60	14.79	<=34.77	Pass
256QAM	665.5	1	0	20.33	-5.60	12.58	<=34.77	Pass
			13	20.42	-5.60	12.67	<=34.77	Pass
			24	20.50	-5.60	12.75	<=34.77	Pass
		12	0	20.60	-5.60	12.85	<=34.77	Pass
			6	20.69	-5.60	12.94	<=34.77	Pass
			13	20.75	-5.60	13.00	<=34.77	Pass
		25	0	20.74	-5.60	12.99	<=34.77	Pass
	680.5	1	0	20.73	-5.60	12.98	<=34.77	Pass
			13	20.62	-5.60	12.87	<=34.77	Pass
			24	20.58	-5.60	12.83	<=34.77	Pass
		12	0	20.57	-5.60	12.82	<=34.77	Pass
			6	20.54	-5.60	12.79	<=34.77	Pass
			13	20.51	-5.60	12.76	<=34.77	Pass
		25	0	20.49	-5.60	12.74	<=34.77	Pass
	695.5	1	0	20.52	-5.60	12.77	<=34.77	Pass
			13	20.44	-5.60	12.69	<=34.77	Pass
			24	20.35	-5.60	12.60	<=34.77	Pass
		12	0	20.53	-5.60	12.78	<=34.77	Pass
			6	20.49	-5.60	12.74	<=34.77	Pass
			13	20.44	-5.60	12.69	<=34.77	Pass
		25	0	20.52	-5.60	12.77	<=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	25.31	-5.60	17.56	<=34.77	Pass
			25	25.36	-5.60	17.61	<=34.77	Pass
			49	25.36	-5.60	17.61	<=34.77	Pass
		25	0	24.74	-5.60	16.99	<=34.77	Pass
			13	24.85	-5.60	17.10	<=34.77	Pass
			25	24.82	-5.60	17.07	<=34.77	Pass
		50	0	24.80	-5.60	17.05	<=34.77	Pass
	680.5	1	0	25.25	-5.60	17.50	<=34.77	Pass
			25	25.04	-5.60	17.29	<=34.77	Pass
			49	25.00	-5.60	17.25	<=34.77	Pass
		25	0	24.60	-5.60	16.85	<=34.77	Pass
			13	24.56	-5.60	16.81	<=34.77	Pass
			25	24.52	-5.60	16.77	<=34.77	Pass
		50	0	24.54	-5.60	16.79	<=34.77	Pass
	693	1	0	25.05	-5.60	17.30	<=34.77	Pass
			25	25.00	-5.60	17.25	<=34.77	Pass
			49	24.86	-5.60	17.11	<=34.77	Pass
		25	0	24.54	-5.60	16.79	<=34.77	Pass
			13	24.53	-5.60	16.78	<=34.77	Pass
			25	24.49	-5.60	16.74	<=34.77	Pass
		50	0	24.50	-5.60	16.75	<=34.77	Pass
16QAM	668	1	0	25.31	-5.60	17.56	<=34.77	Pass
			25	25.33	-5.60	17.58	<=34.77	Pass
			49	25.37	-5.60	17.62	<=34.77	Pass
		25	0	23.71	-5.60	15.96	<=34.77	Pass

		50	13	23.89	-5.60	16.14	<=34.77	Pass
			25	23.82	-5.60	16.07	<=34.77	Pass
			0	23.81	-5.60	16.06	<=34.77	Pass
	680.5	1	0	24.96	-5.60	17.21	<=34.77	Pass
			25	24.72	-5.60	16.97	<=34.77	Pass
			49	24.65	-5.60	16.90	<=34.77	Pass
		25	0	23.64	-5.60	15.89	<=34.77	Pass
			13	23.58	-5.60	15.83	<=34.77	Pass
			25	23.53	-5.60	15.78	<=34.77	Pass
		50	0	23.55	-5.60	15.80	<=34.77	Pass
	693	1	0	24.60	-5.60	16.85	<=34.77	Pass
			25	24.55	-5.60	16.80	<=34.77	Pass
			49	24.49	-5.60	16.74	<=34.77	Pass
		25	0	23.62	-5.60	15.87	<=34.77	Pass
			13	23.59	-5.60	15.84	<=34.77	Pass
			25	23.56	-5.60	15.81	<=34.77	Pass
		50	0	23.48	-5.60	15.73	<=34.77	Pass
64QAM	668	1	0	24.23	-5.60	16.48	<=34.77	Pass
			25	24.32	-5.60	16.57	<=34.77	Pass
			49	24.26	-5.60	16.51	<=34.77	Pass
		25	0	22.76	-5.60	15.01	<=34.77	Pass
			13	22.87	-5.60	15.12	<=34.77	Pass
			25	22.83	-5.60	15.08	<=34.77	Pass
		50	0	22.80	-5.60	15.05	<=34.77	Pass
	680.5	1	0	24.01	-5.60	16.26	<=34.77	Pass
			25	23.59	-5.60	15.84	<=34.77	Pass
			49	23.63	-5.60	15.88	<=34.77	Pass
		25	0	22.65	-5.60	14.90	<=34.77	Pass
			13	22.62	-5.60	14.87	<=34.77	Pass
			25	22.59	-5.60	14.84	<=34.77	Pass
		50	0	22.58	-5.60	14.83	<=34.77	Pass
	693	1	0	23.59	-5.60	15.84	<=34.77	Pass
			25	23.55	-5.60	15.80	<=34.77	Pass
			49	23.41	-5.60	15.66	<=34.77	Pass
		25	0	22.59	-5.60	14.84	<=34.77	Pass
			13	22.59	-5.60	14.84	<=34.77	Pass
			25	22.55	-5.60	14.80	<=34.77	Pass
		50	0	22.48	-5.60	14.73	<=34.77	Pass
256QAM	668	1	0	21.12	-5.60	13.37	<=34.77	Pass
			25	21.18	-5.60	13.43	<=34.77	Pass
			49	21.25	-5.60	13.50	<=34.77	Pass
		25	0	20.75	-5.60	13.00	<=34.77	Pass
			13	20.86	-5.60	13.11	<=34.77	Pass
			25	20.79	-5.60	13.04	<=34.77	Pass
		50	0	20.76	-5.60	13.01	<=34.77	Pass
	680.5	1	0	20.60	-5.60	12.85	<=34.77	Pass
			25	20.38	-5.60	12.63	<=34.77	Pass
			49	20.29	-5.60	12.54	<=34.77	Pass
		25	0	20.63	-5.60	12.88	<=34.77	Pass
			13	20.59	-5.60	12.84	<=34.77	Pass
			25	20.56	-5.60	12.81	<=34.77	Pass
		50	0	20.53	-5.60	12.78	<=34.77	Pass
	693	1	0	20.57	-5.60	12.82	<=34.77	Pass
			25	20.48	-5.60	12.73	<=34.77	Pass
			49	20.40	-5.60	12.65	<=34.77	Pass
		25	0	20.61	-5.60	12.86	<=34.77	Pass
			13	20.60	-5.60	12.85	<=34.77	Pass
			25	20.57	-5.60	12.82	<=34.77	Pass
		50	0	20.50	-5.60	12.75	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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	25.39	-5.60	17.64	<=34.77	Pass
			38	25.36	-5.60	17.61	<=34.77	Pass
			74	25.29	-5.60	17.54	<=34.77	Pass
		36	0	24.75	-5.60	17.00	<=34.77	Pass
			18	24.77	-5.60	17.02	<=34.77	Pass
			39	24.78	-5.60	17.03	<=34.77	Pass
		75	0	24.81	-5.60	17.06	<=34.77	Pass
	680.5	1	0	25.31	-5.60	17.56	<=34.77	Pass
			38	25.05	-5.60	17.30	<=34.77	Pass
			74	24.97	-5.60	17.22	<=34.77	Pass
		36	0	24.64	-5.60	16.89	<=34.77	Pass
			18	24.53	-5.60	16.78	<=34.77	Pass
			39	24.45	-5.60	16.70	<=34.77	Pass
		75	0	24.56	-5.60	16.81	<=34.77	Pass
	690.5	1	0	24.95	-5.60	17.20	<=34.77	Pass
			38	24.96	-5.60	17.21	<=34.77	Pass
			74	24.93	-5.60	17.18	<=34.77	Pass
		36	0	24.46	-5.60	16.71	<=34.77	Pass
			18	24.47	-5.60	16.72	<=34.77	Pass
			39	24.45	-5.60	16.70	<=34.77	Pass
		75	0	24.45	-5.60	16.70	<=34.77	Pass
16QAM	670.5	1	0	25.04	-5.60	17.29	<=34.77	Pass
			38	25.33	-5.60	17.58	<=34.77	Pass
			74	25.30	-5.60	17.55	<=34.77	Pass
		36	0	23.83	-5.60	16.08	<=34.77	Pass
			18	23.83	-5.60	16.08	<=34.77	Pass
			39	23.86	-5.60	16.11	<=34.77	Pass
		75	0	23.80	-5.60	16.05	<=34.77	Pass
	680.5	1	0	25.02	-5.60	17.27	<=34.77	Pass
			38	24.82	-5.60	17.07	<=34.77	Pass
			74	24.68	-5.60	16.93	<=34.77	Pass
		36	0	23.66	-5.60	15.91	<=34.77	Pass
			18	23.55	-5.60	15.80	<=34.77	Pass
			39	23.48	-5.60	15.73	<=34.77	Pass
		75	0	23.54	-5.60	15.79	<=34.77	Pass
	690.5	1	0	24.80	-5.60	17.05	<=34.77	Pass
			38	24.81	-5.60	17.06	<=34.77	Pass
			74	24.66	-5.60	16.91	<=34.77	Pass
		36	0	23.50	-5.60	15.75	<=34.77	Pass
			18	23.49	-5.60	15.74	<=34.77	Pass
			39	23.48	-5.60	15.73	<=34.77	Pass
		75	0	23.45	-5.60	15.70	<=34.77	Pass
64QAM	670.5	1	0	24.07	-5.60	16.32	<=34.77	Pass
			38	24.29	-5.60	16.54	<=34.77	Pass
			74	24.18	-5.60	16.43	<=34.77	Pass
		36	0	22.77	-5.60	15.02	<=34.77	Pass
			18	22.82	-5.60	15.07	<=34.77	Pass
			39	22.82	-5.60	15.07	<=34.77	Pass
		75	0	22.80	-5.60	15.05	<=34.77	Pass
	680.5	1	0	24.00	-5.60	16.25	<=34.77	Pass
			38	23.62	-5.60	15.87	<=34.77	Pass
			74	23.57	-5.60	15.82	<=34.77	Pass
		36	0	22.72	-5.60	14.97	<=34.77	Pass
			18	22.62	-5.60	14.87	<=34.77	Pass
			39	22.52	-5.60	14.77	<=34.77	Pass
		75	0	22.56	-5.60	14.81	<=34.77	Pass
	690.5	1	0	23.80	-5.60	16.05	<=34.77	Pass
			38	24.08	-5.60	16.33	<=34.77	Pass
			74	23.96	-5.60	16.21	<=34.77	Pass
		36	0	22.53	-5.60	14.78	<=34.77	Pass
			18	22.53	-5.60	14.78	<=34.77	Pass

			39	22.52	-5.60	14.77	<=34.77	Pass		
		75	0	22.50	-5.60	14.75	<=34.77	Pass		
256QAM	670.5	1	0	21.08	-5.60	13.33	<=34.77	Pass		
			38	21.18	-5.60	13.43	<=34.77	Pass		
			74	21.10	-5.60	13.35	<=34.77	Pass		
		36	0	20.80	-5.60	13.05	<=34.77	Pass		
			18	20.83	-5.60	13.08	<=34.77	Pass		
			39	20.82	-5.60	13.07	<=34.77	Pass		
		75	0	20.79	-5.60	13.04	<=34.77	Pass		
		680.5	1	0	20.62	-5.60	12.87	<=34.77	Pass	
				38	20.37	-5.60	12.62	<=34.77	Pass	
	74			20.33	-5.60	12.58	<=34.77	Pass		
	36		0	20.60	-5.60	12.85	<=34.77	Pass		
			18	20.51	-5.60	12.76	<=34.77	Pass		
			39	20.45	-5.60	12.70	<=34.77	Pass		
	75		0	20.50	-5.60	12.75	<=34.77	Pass		
	690.5		1	0	20.70	-5.60	12.95	<=34.77	Pass	
				38	20.67	-5.60	12.92	<=34.77	Pass	
		74		20.55	-5.60	12.80	<=34.77	Pass		
		36	0	20.50	-5.60	12.75	<=34.77	Pass		
			18	20.52	-5.60	12.77	<=34.77	Pass		
			39	20.48	-5.60	12.73	<=34.77	Pass		
		75	0	20.46	-5.60	12.71	<=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	25.11	-5.60	17.36	<=34.77	Pass
			50	25.29	-5.60	17.54	<=34.77	Pass
			99	25.08	-5.60	17.33	<=34.77	Pass
		50	0	24.83	-5.60	17.08	<=34.77	Pass
			25	24.80	-5.60	17.05	<=34.77	Pass
			50	24.79	-5.60	17.04	<=34.77	Pass
		100	0	24.82	-5.60	17.07	<=34.77	Pass
	683	1	0	25.26	-5.60	17.51	<=34.77	Pass
			50	24.97	-5.60	17.22	<=34.77	Pass
			99	24.93	-5.60	17.18	<=34.77	Pass
		50	0	24.55	-5.60	16.80	<=34.77	Pass
			25	24.50	-5.60	16.75	<=34.77	Pass
			50	24.47	-5.60	16.72	<=34.77	Pass
		100	0	24.53	-5.60	16.78	<=34.77	Pass
	688	1	0	25.10	-5.60	17.35	<=34.77	Pass
			50	24.93	-5.60	17.18	<=34.77	Pass
			99	24.83	-5.60	17.08	<=34.77	Pass
		50	0	24.52	-5.60	16.77	<=34.77	Pass
			25	24.50	-5.60	16.75	<=34.77	Pass
			50	24.52	-5.60	16.77	<=34.77	Pass
		100	0	24.54	-5.60	16.79	<=34.77	Pass
16QAM	673	1	0	24.99	-5.60	17.24	<=34.77	Pass
			50	25.11	-5.60	17.36	<=34.77	Pass
			99	24.79	-5.60	17.04	<=34.77	Pass
		50	0	23.90	-5.60	16.15	<=34.77	Pass
			25	23.83	-5.60	16.08	<=34.77	Pass
			50	23.81	-5.60	16.06	<=34.77	Pass
		100	0	23.84	-5.60	16.09	<=34.77	Pass
	683	1	0	25.14	-5.60	17.39	<=34.77	Pass
			50	24.69	-5.60	16.94	<=34.77	Pass
			99	24.71	-5.60	16.96	<=34.77	Pass
		50	0	23.54	-5.60	15.79	<=34.77	Pass

		100	25	23.52	-5.60	15.77	<=34.77	Pass		
			50	23.48	-5.60	15.73	<=34.77	Pass		
			0	23.51	-5.60	15.76	<=34.77	Pass		
	688	1	0	25.38	-5.60	17.63	<=34.77	Pass		
			50	25.02	-5.60	17.27	<=34.77	Pass		
			99	24.89	-5.60	17.14	<=34.77	Pass		
		50	0	23.52	-5.60	15.77	<=34.77	Pass		
			25	23.50	-5.60	15.75	<=34.77	Pass		
			50	23.50	-5.60	15.75	<=34.77	Pass		
		100	0	23.53	-5.60	15.78	<=34.77	Pass		
64QAM	673	1	0	23.75	-5.60	16.00	<=34.77	Pass		
			50	24.00	-5.60	16.25	<=34.77	Pass		
			99	23.71	-5.60	15.96	<=34.77	Pass		
		50	0	22.96	-5.60	15.21	<=34.77	Pass		
			25	22.87	-5.60	15.12	<=34.77	Pass		
			50	22.85	-5.60	15.10	<=34.77	Pass		
			100	0	22.87	-5.60	15.12	<=34.77	Pass	
			683	1	0	24.12	-5.60	16.37	<=34.77	Pass
					50	23.71	-5.60	15.96	<=34.77	Pass
	99	23.75			-5.60	16.00	<=34.77	Pass		
	50	0		22.57	-5.60	14.82	<=34.77	Pass		
		25		22.55	-5.60	14.80	<=34.77	Pass		
		50		22.52	-5.60	14.77	<=34.77	Pass		
	100	0	22.51	-5.60	14.76	<=34.77	Pass			
	688	1	0	23.55	-5.60	15.80	<=34.77	Pass		
			50	23.37	-5.60	15.62	<=34.77	Pass		
			99	23.35	-5.60	15.60	<=34.77	Pass		
		50	0	22.56	-5.60	14.81	<=34.77	Pass		
			25	22.52	-5.60	14.77	<=34.77	Pass		
			50	22.52	-5.60	14.77	<=34.77	Pass		
		100	0	22.57	-5.60	14.82	<=34.77	Pass		
		256QAM	673	1	0	20.86	-5.60	13.11	<=34.77	Pass
					50	20.97	-5.60	13.22	<=34.77	Pass
	99				20.70	-5.60	12.95	<=34.77	Pass	
50	0			20.85	-5.60	13.10	<=34.77	Pass		
	25			20.80	-5.60	13.05	<=34.77	Pass		
	50			20.76	-5.60	13.01	<=34.77	Pass		
	100			0	20.79	-5.60	13.04	<=34.77	Pass	
	683			1	0	21.04	-5.60	13.29	<=34.77	Pass
					50	20.68	-5.60	12.93	<=34.77	Pass
99			20.68		-5.60	12.93	<=34.77	Pass		
50			0	20.55	-5.60	12.80	<=34.77	Pass		
			25	20.52	-5.60	12.77	<=34.77	Pass		
			50	20.47	-5.60	12.72	<=34.77	Pass		
100	0		20.50	-5.60	12.75	<=34.77	Pass			
688	1		0	20.60	-5.60	12.85	<=34.77	Pass		
			50	20.34	-5.60	12.59	<=34.77	Pass		
			99	20.33	-5.60	12.58	<=34.77	Pass		
	50		0	20.54	-5.60	12.79	<=34.77	Pass		
			25	20.52	-5.60	12.77	<=34.77	Pass		
			50	20.51	-5.60	12.76	<=34.77	Pass		
	100		0	20.54	-5.60	12.79	<=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	0.381	0.0006	-2.5 to 2.5	Pass
					NV	-0.072	-0.0001	-2.5 to 2.5	Pass
					HV	-2.257	-0.0033	-2.5 to 2.5	Pass
				-30	NV	-3.137	-0.0046	-2.5 to 2.5	Pass
				-20	NV	0.348	0.0005	-2.5 to 2.5	Pass
				-10	NV	1.825	0.0027	-2.5 to 2.5	Pass
				0	NV	-1.429	-0.0021	-2.5 to 2.5	Pass
				10	NV	-1.878	-0.0028	-2.5 to 2.5	Pass
				30	NV	-1.419	-0.0021	-2.5 to 2.5	Pass
				40	NV	-0.601	-0.0009	-2.5 to 2.5	Pass
				50	NV	-0.606	-0.0009	-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	4.541	/	Pass
	16QAM	680.5	25	0	4.554	/	Pass
	64QAM	680.5	25	0	4.548	/	Pass
	256QAM	680.5	25	0	4.555	/	Pass
10	QPSK	680.5	50	0	9.047	/	Pass
	16QAM	680.5	50	0	9.043	/	Pass
	64QAM	680.5	50	0	9.034	/	Pass
	256QAM	680.5	50	0	9.048	/	Pass
15	QPSK	680.5	75	0	13.550	/	Pass
	16QAM	680.5	75	0	13.544	/	Pass
	64QAM	680.5	75	0	13.508	/	Pass
	256QAM	680.5	75	0	13.543	/	Pass
20	QPSK	683	100	0	18.048	/	Pass
	16QAM	683	100	0	18.133	/	Pass
	64QAM	683	100	0	18.002	/	Pass
	256QAM	683	100	0	18.070	/	Pass

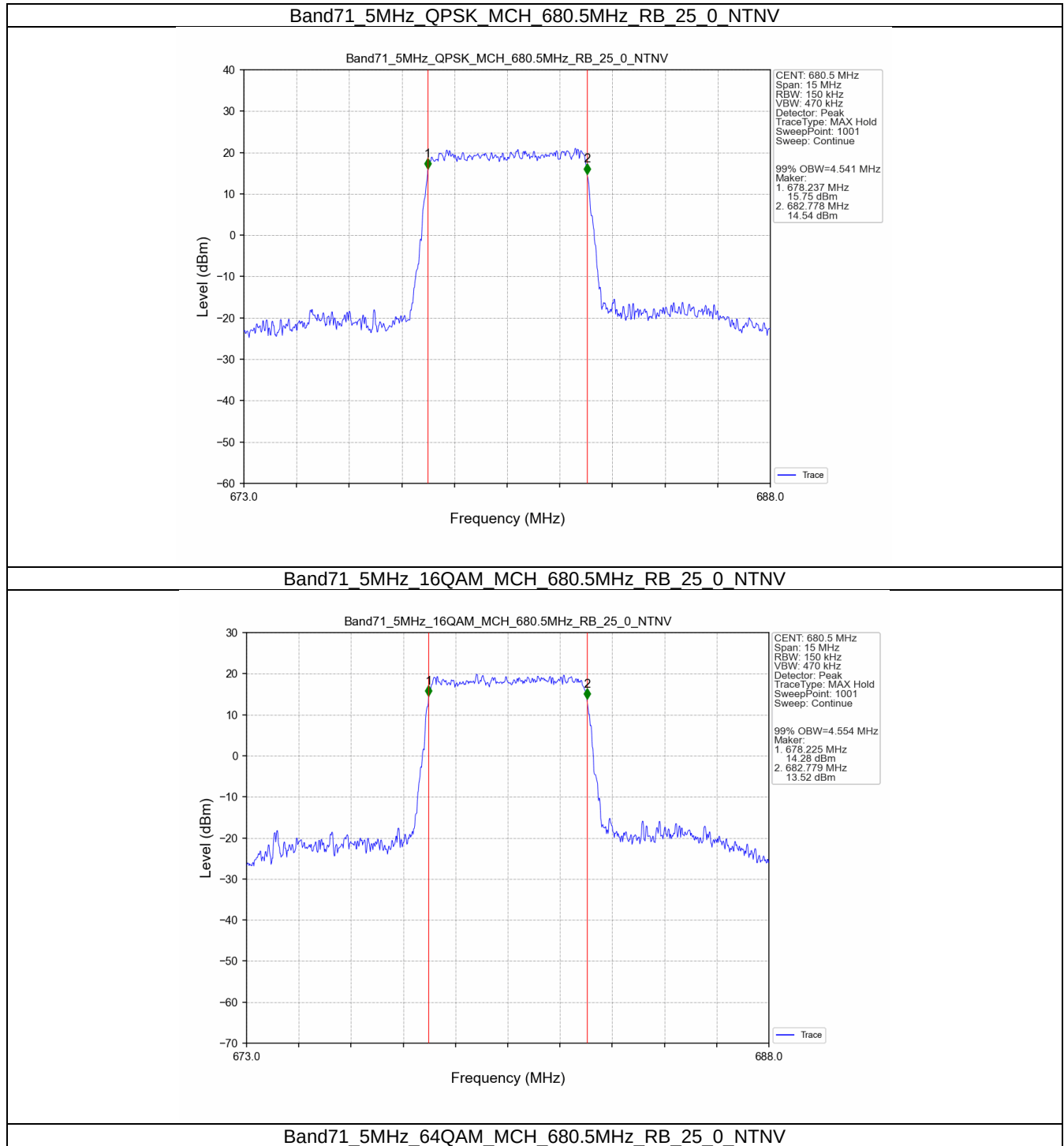
3.1.2 Band71_XDB

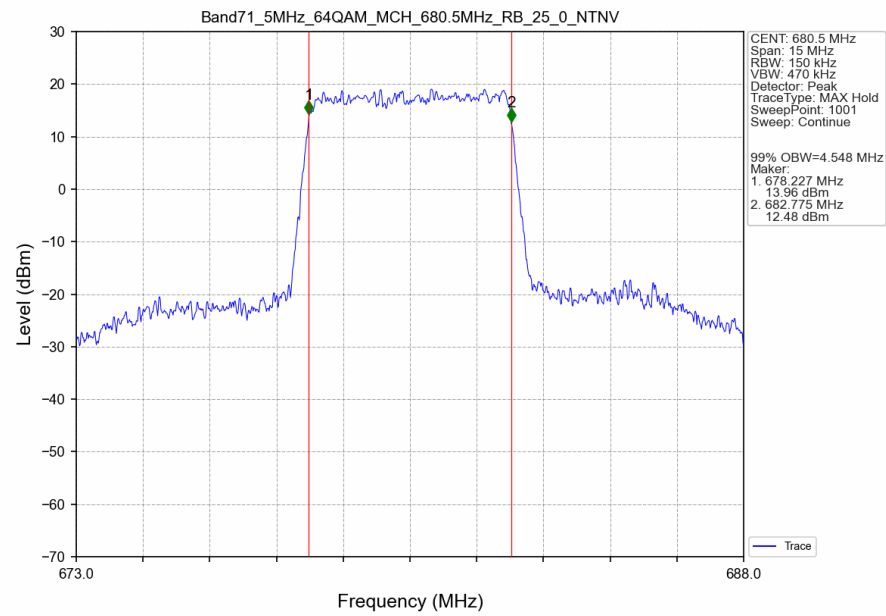
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.052	/	Pass
	16QAM	680.5	25	0	5.102	/	Pass
	64QAM	680.5	25	0	5.075	/	Pass
	256QAM	680.5	25	0	5.060	/	Pass

10	QPSK	680.5	50	0	10.025	/	Pass
	16QAM	680.5	50	0	9.945	/	Pass
	64QAM	680.5	50	0	9.967	/	Pass
	256QAM	680.5	50	0	9.952	/	Pass
15	QPSK	680.5	75	0	16.041	/	Pass
	16QAM	680.5	75	0	14.872	/	Pass
	64QAM	680.5	75	0	14.828	/	Pass
	256QAM	680.5	75	0	14.979	/	Pass
20	QPSK	683	100	0	19.682	/	Pass
	16QAM	683	100	0	19.748	/	Pass
	64QAM	683	100	0	19.711	/	Pass
	256QAM	683	100	0	19.812	/	Pass

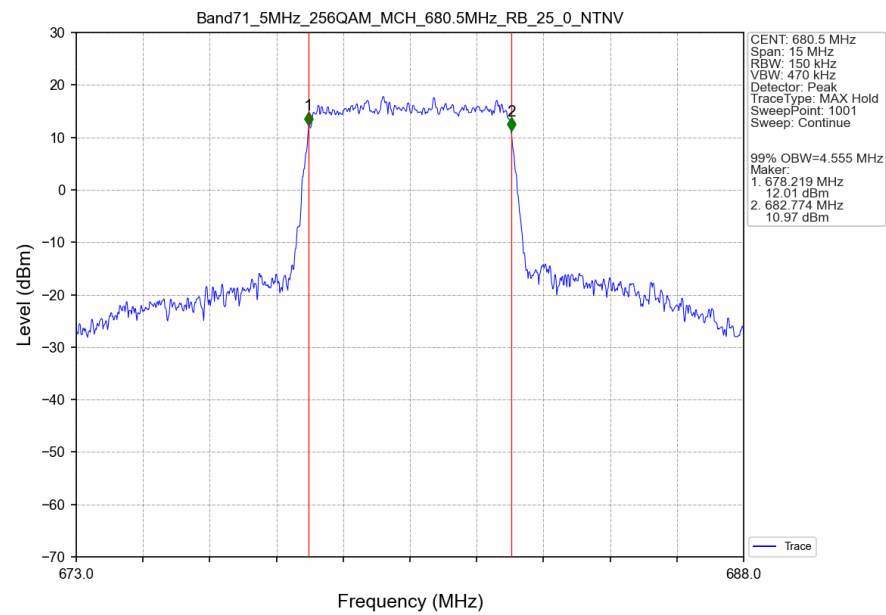
3.2 Test Graph

3.2.1 Band71_OBW

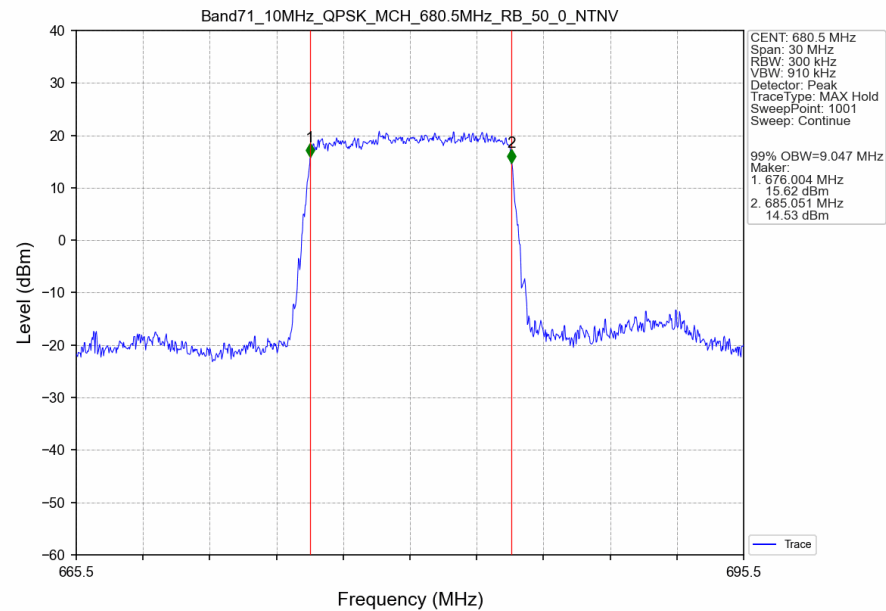




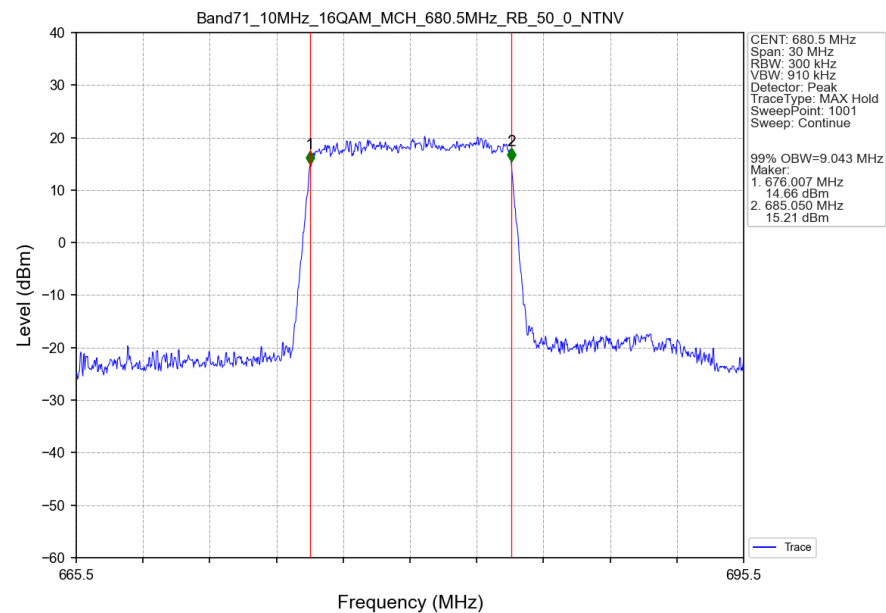
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



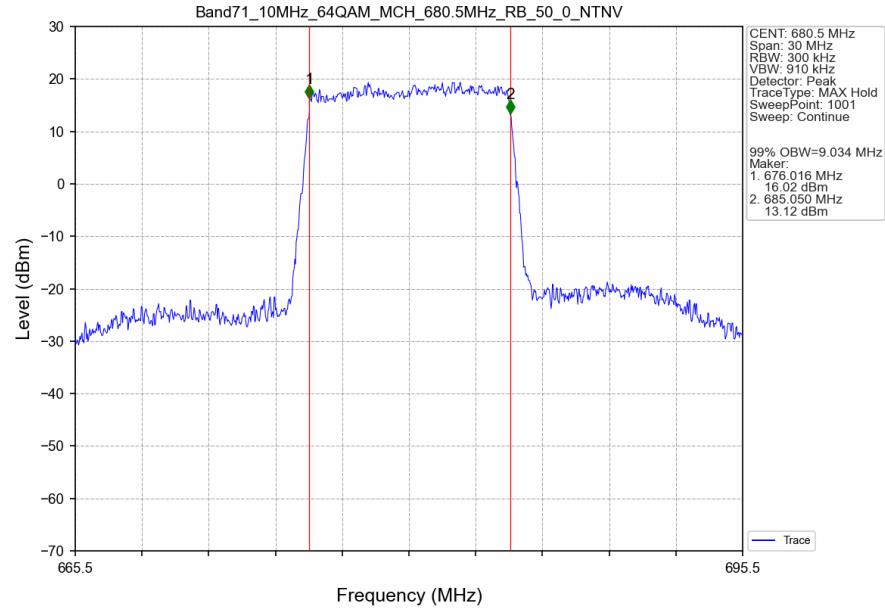
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



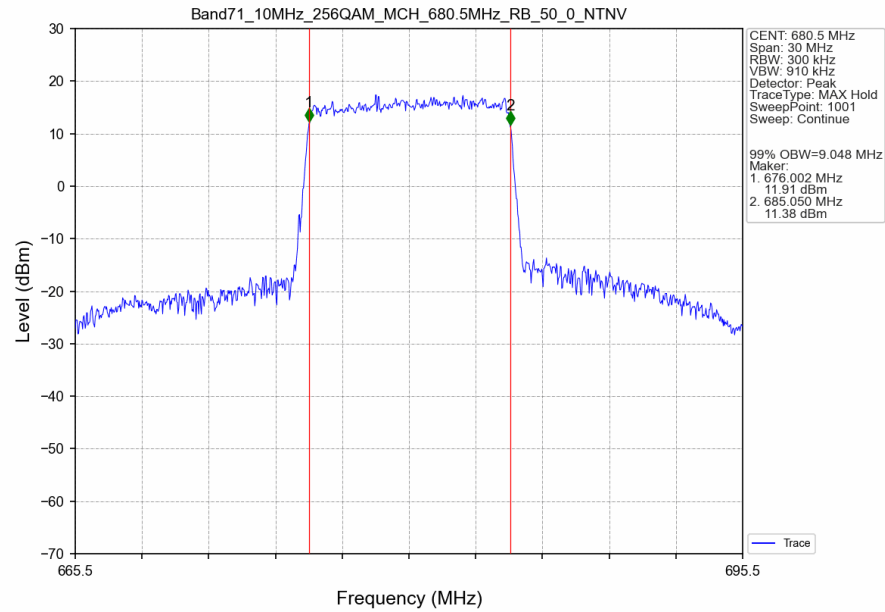
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



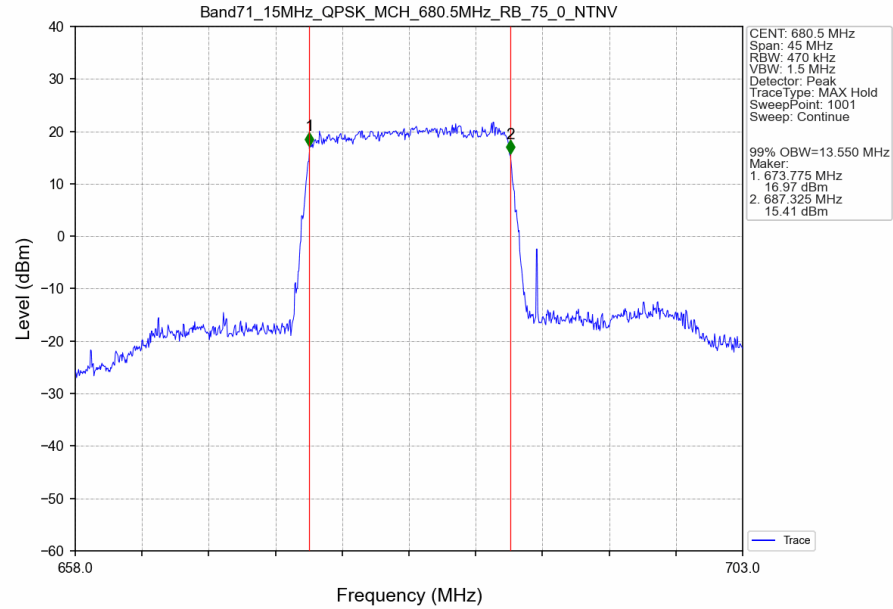
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



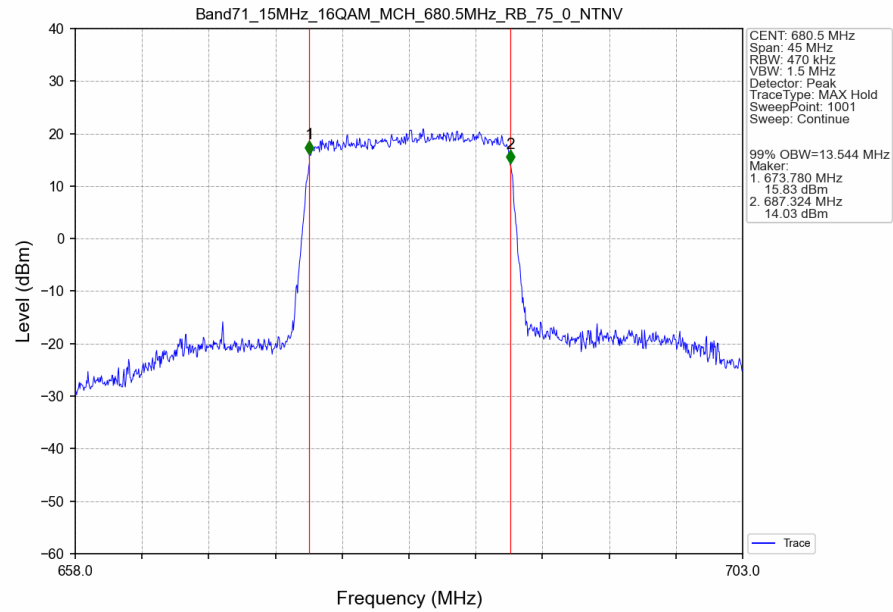
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



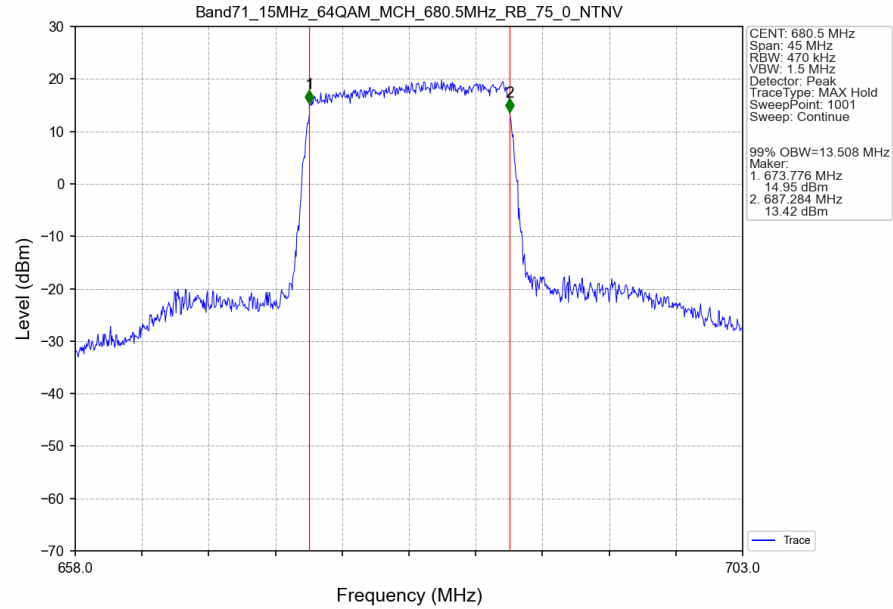
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



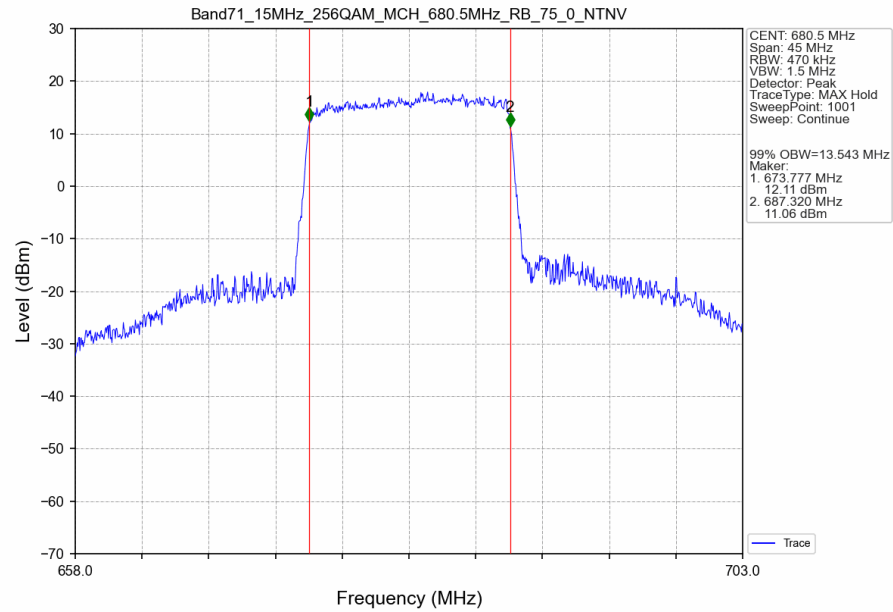
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



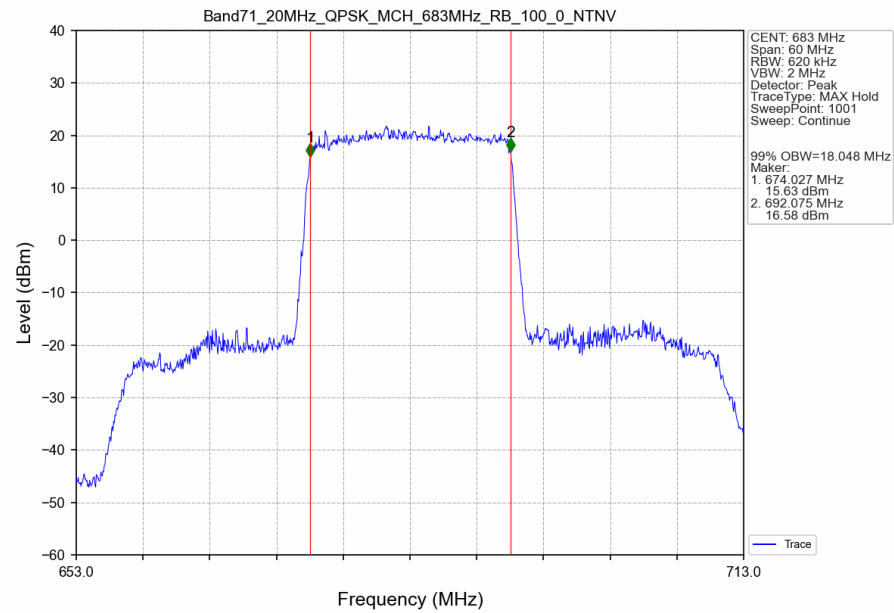
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



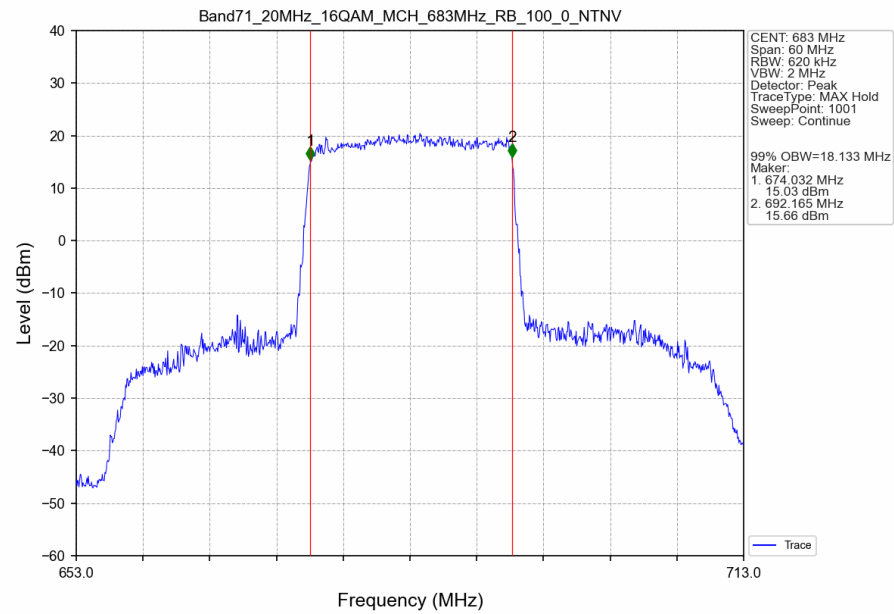
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



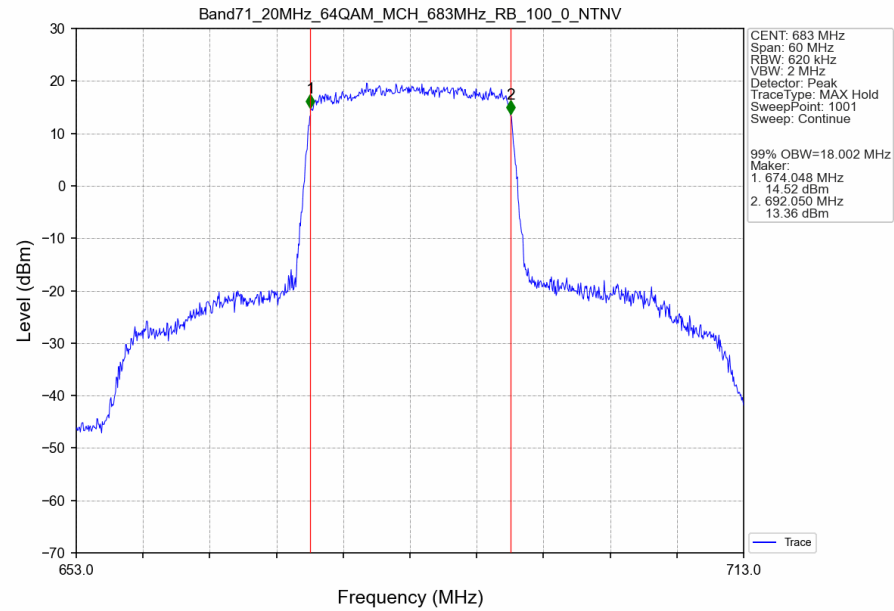
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



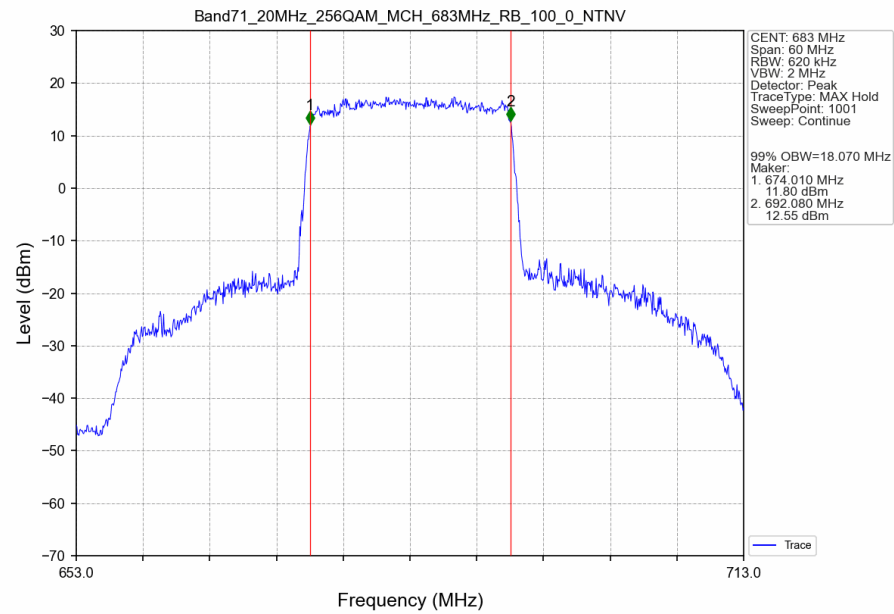
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



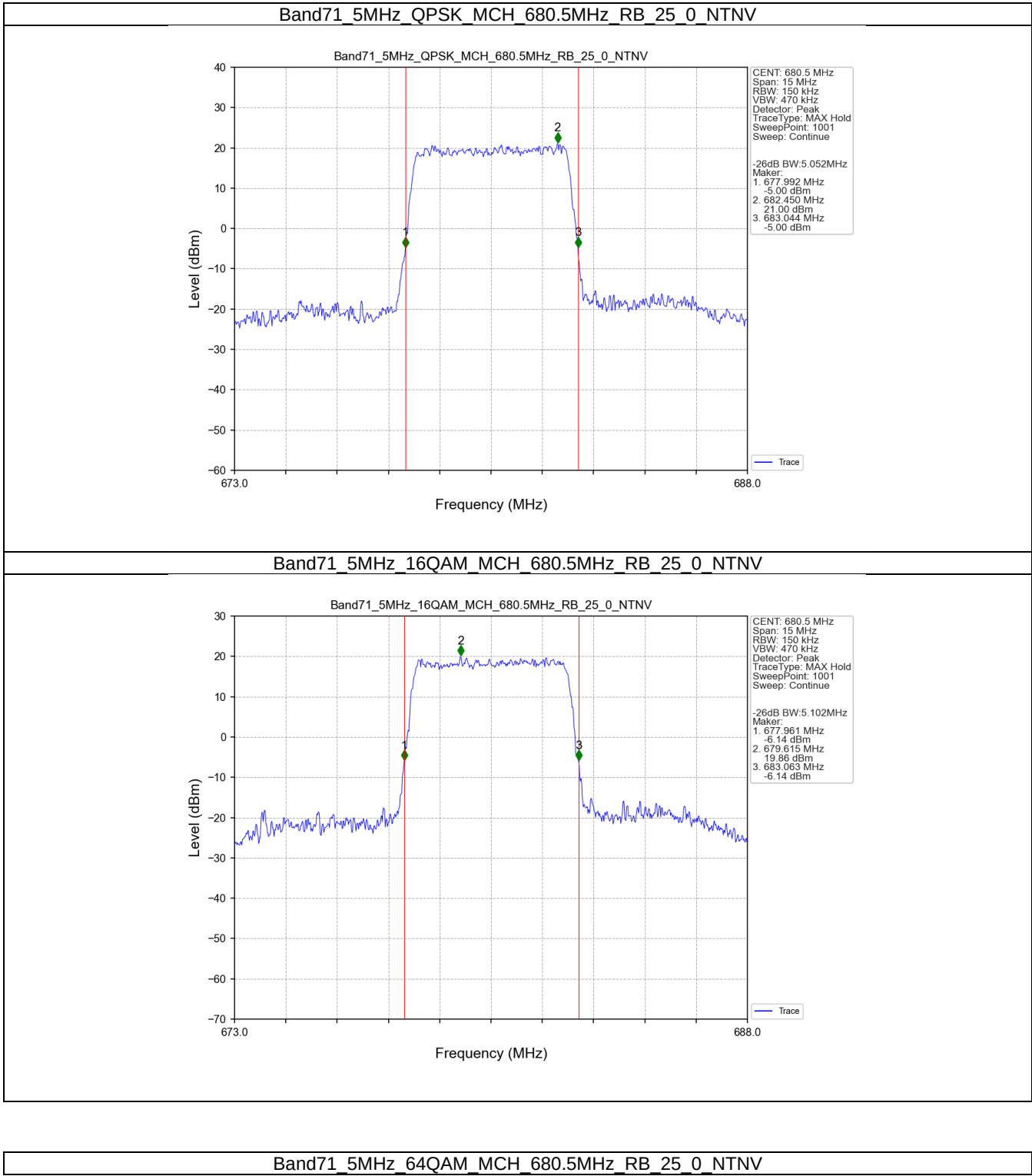
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV

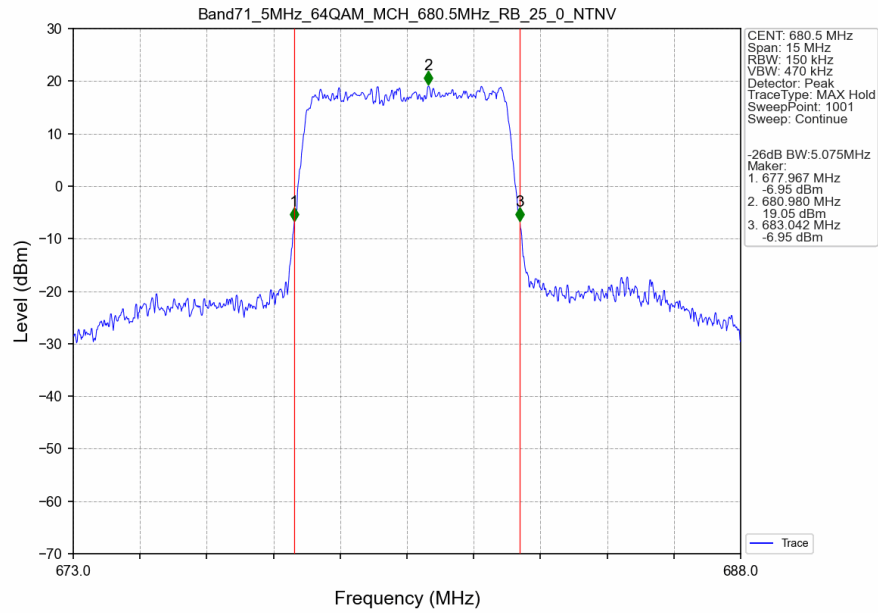


Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV

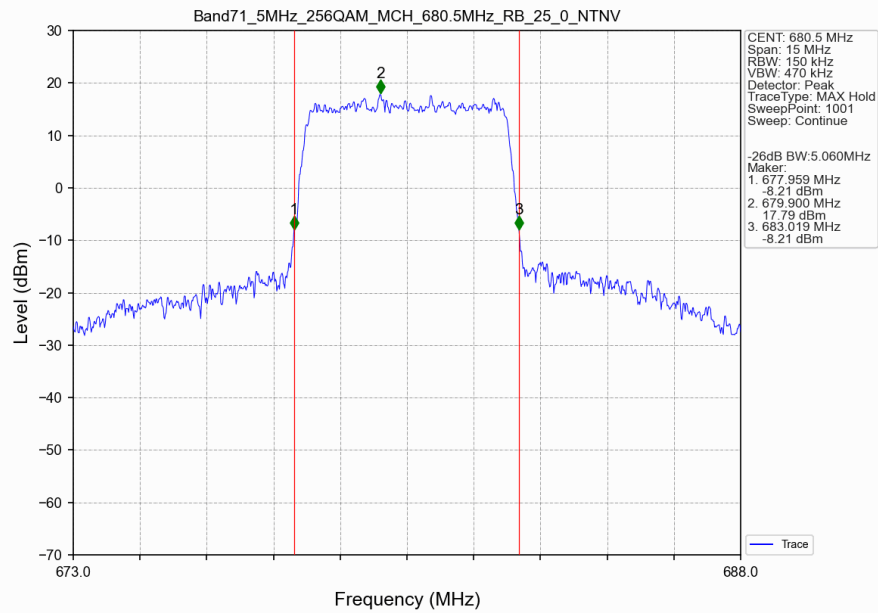


3.2.2 Band71_XDB

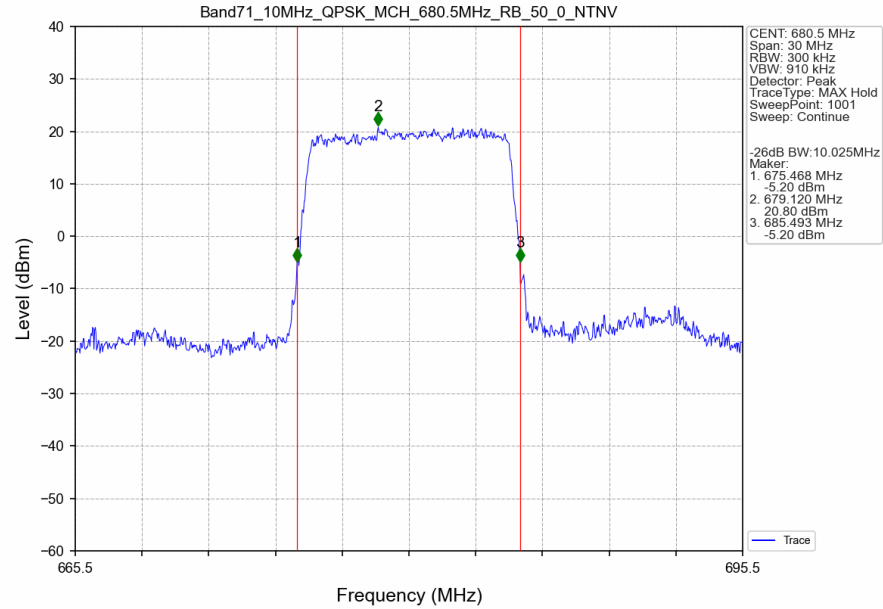




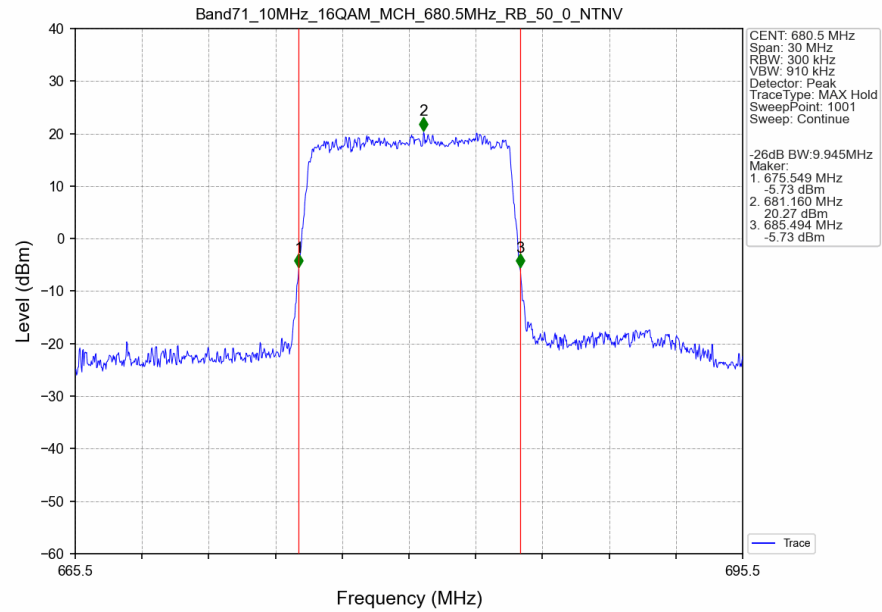
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



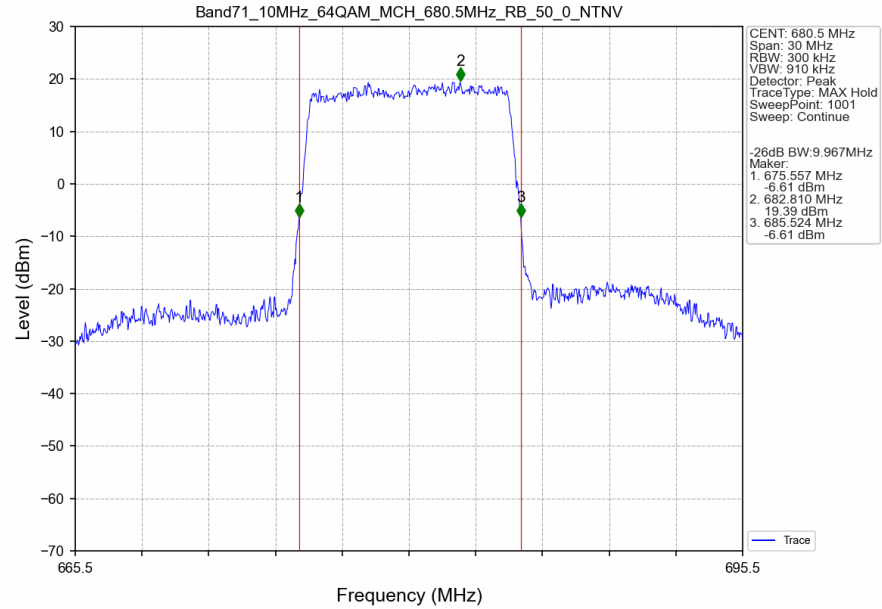
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



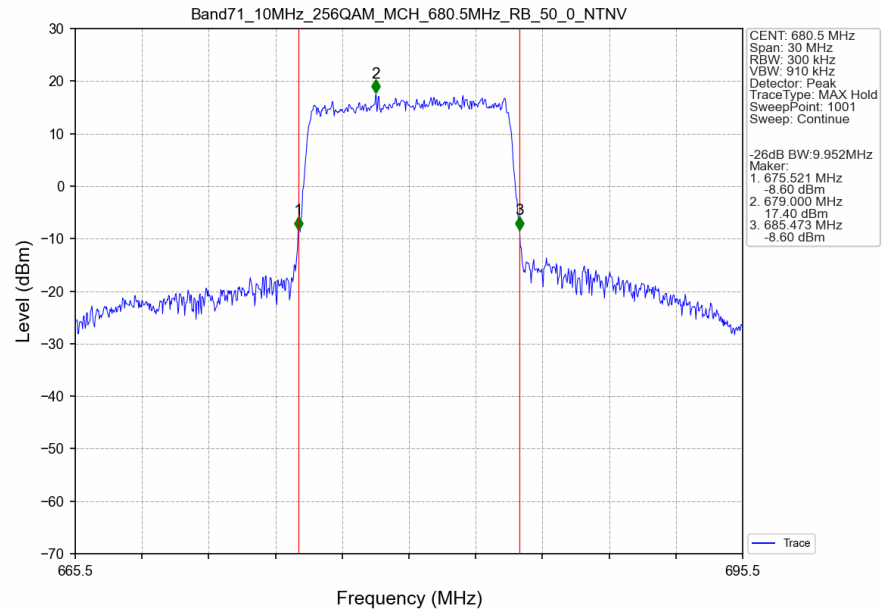
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



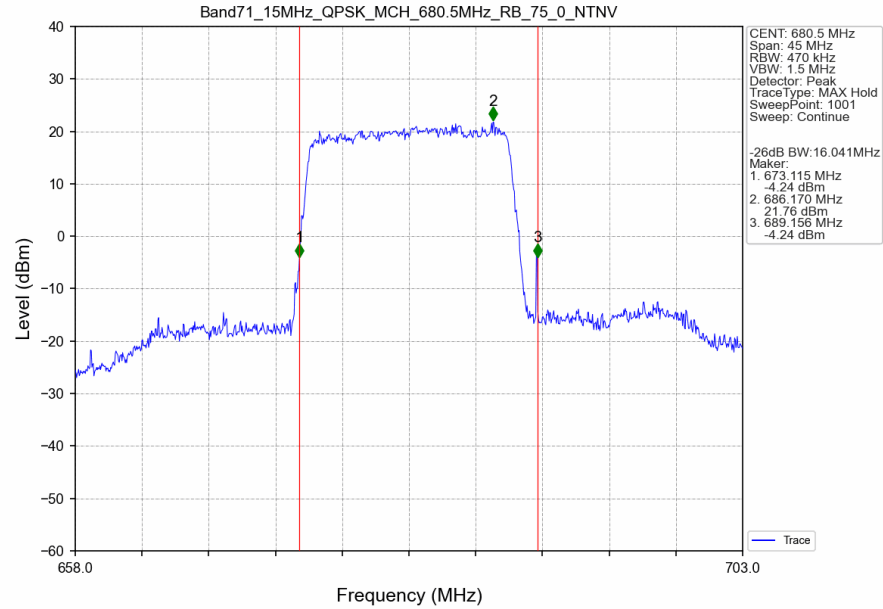
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



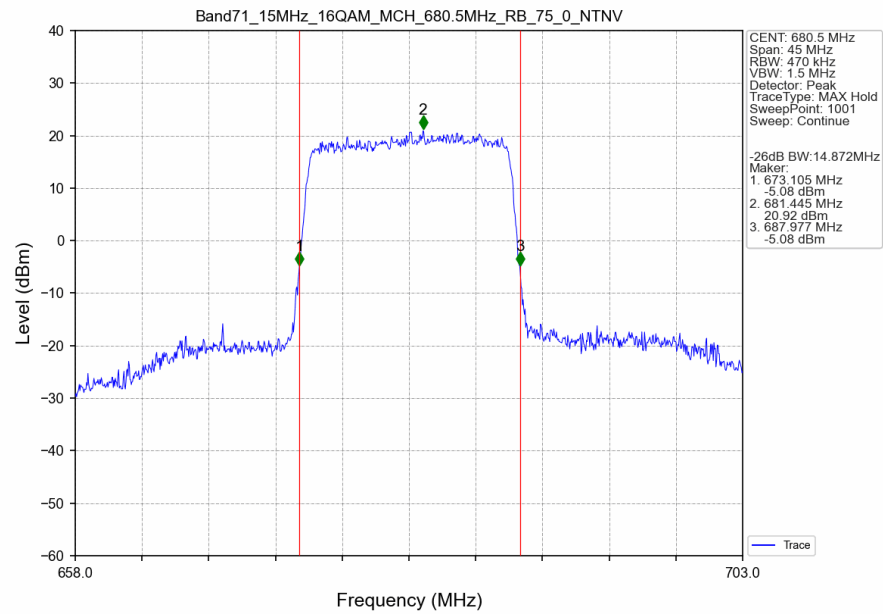
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



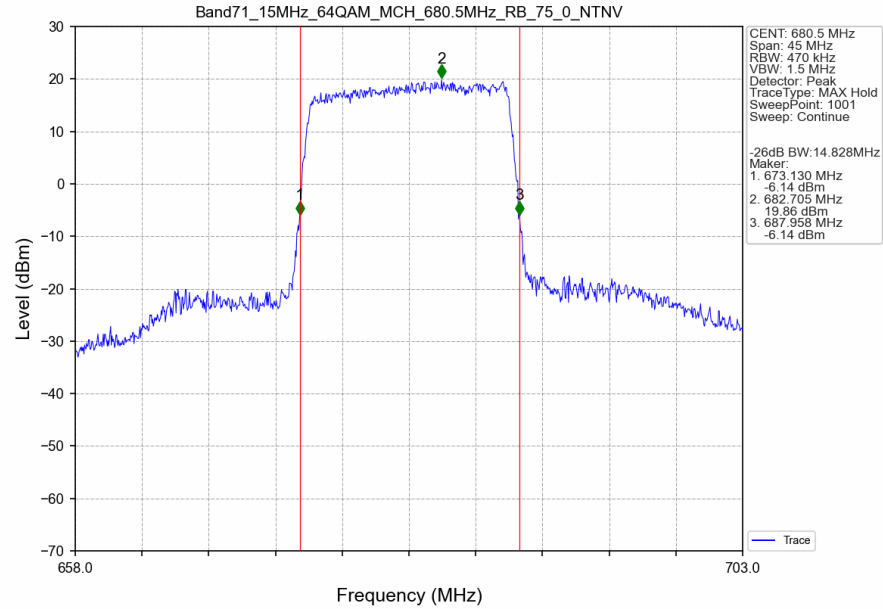
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



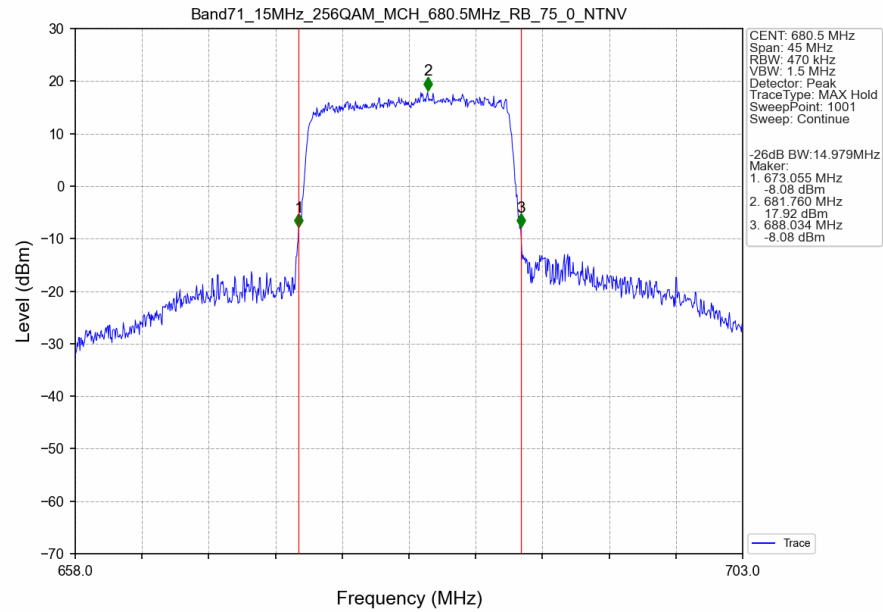
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV

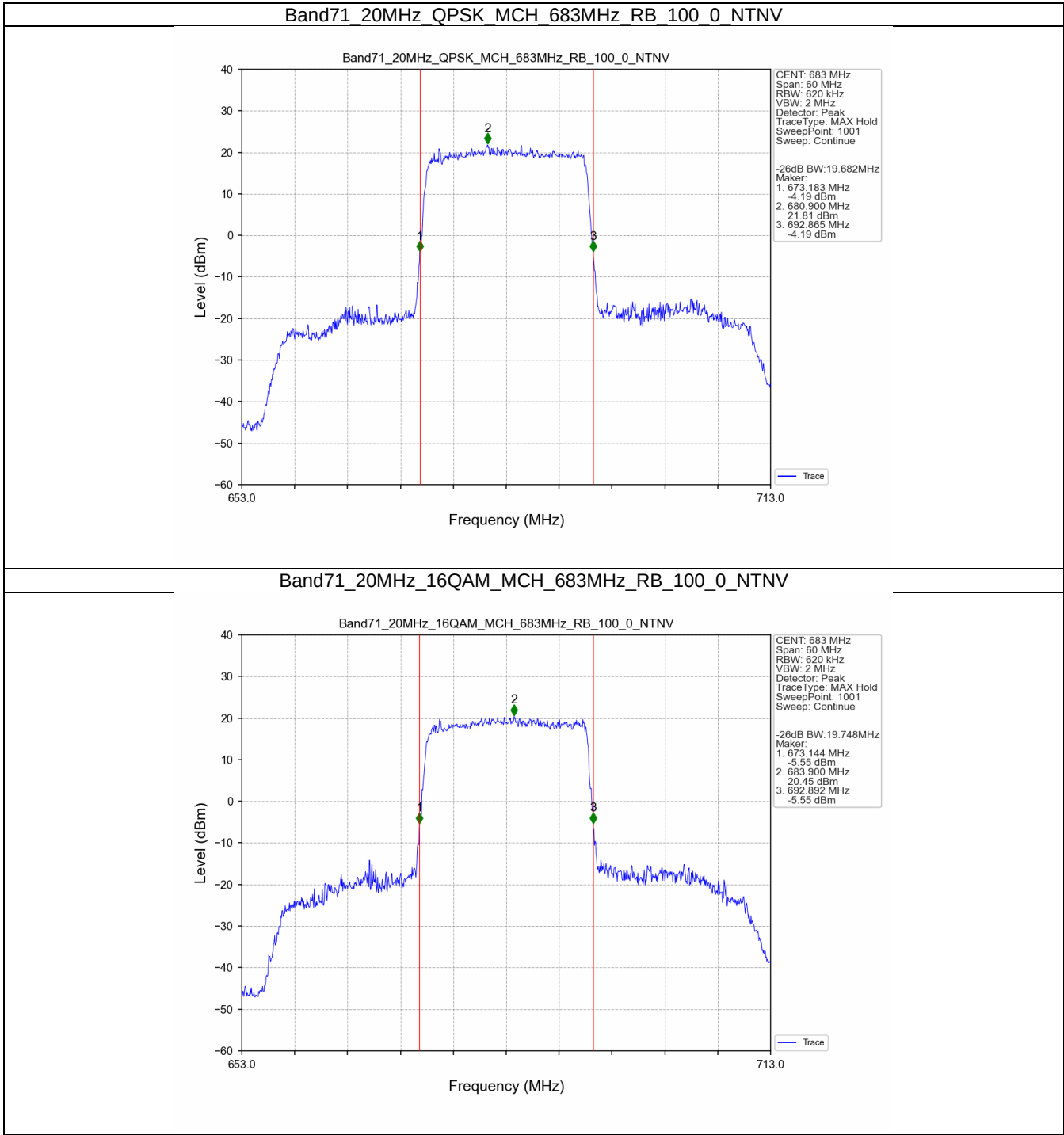


Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV

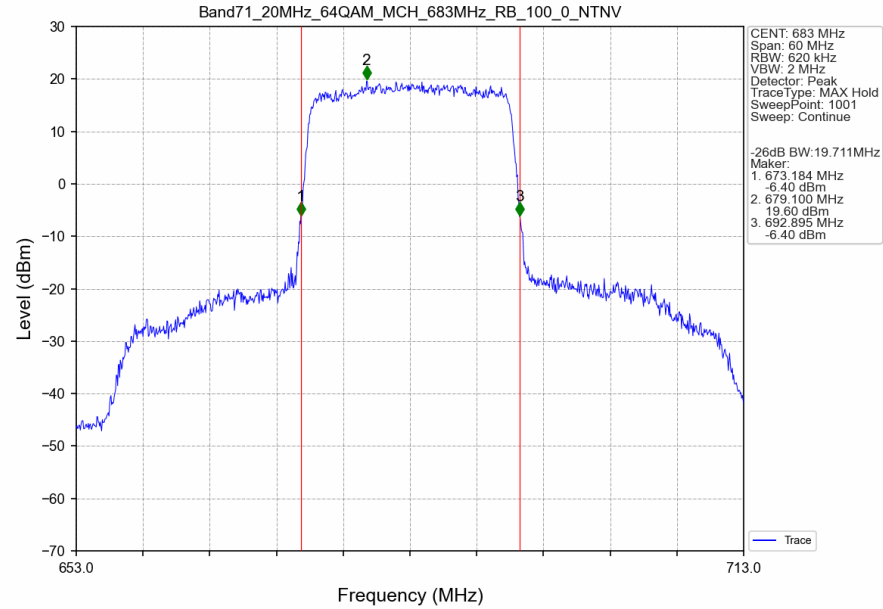


Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV

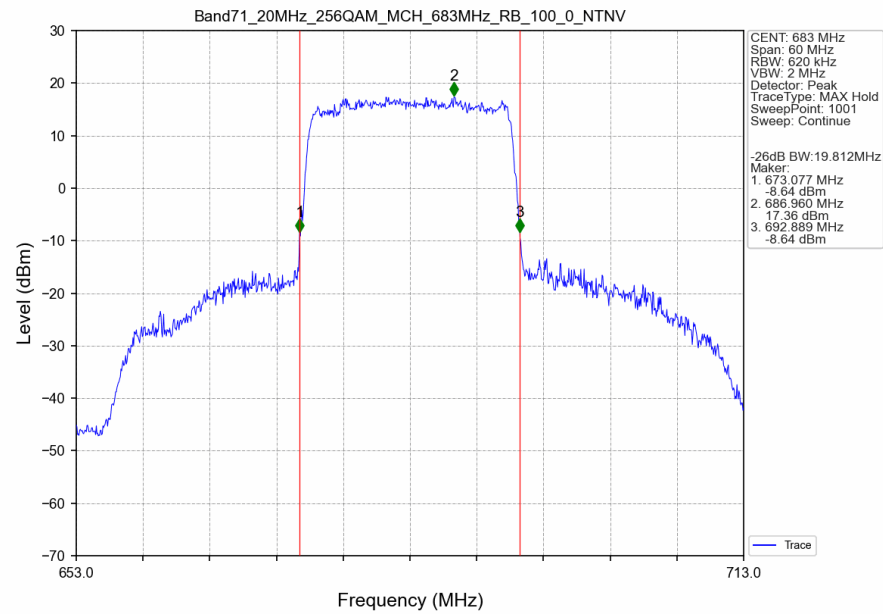




Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



4. Peak-Average Ratio

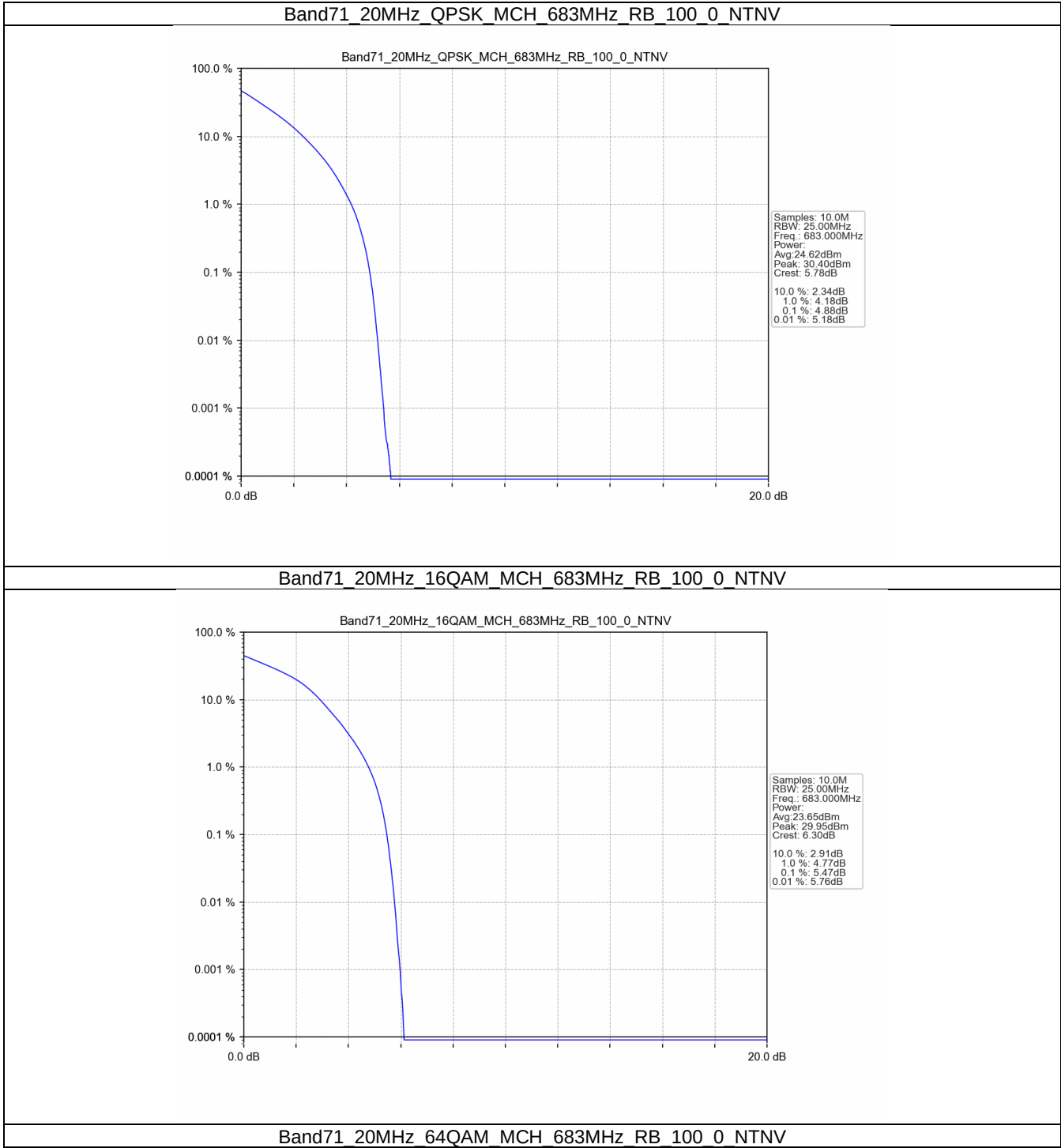
4.1 Test Result

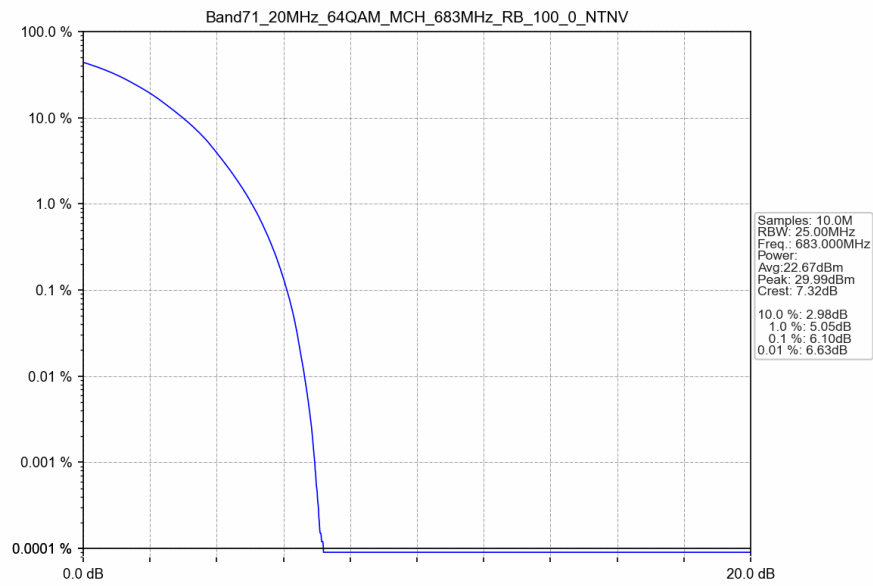
4.1.1 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	4.88	<=13	Pass
16QAM	683	100	0	5.47	<=13	Pass
64QAM	683	100	0	6.10	<=13	Pass
256QAM	683	100	0	6.09	<=13	Pass

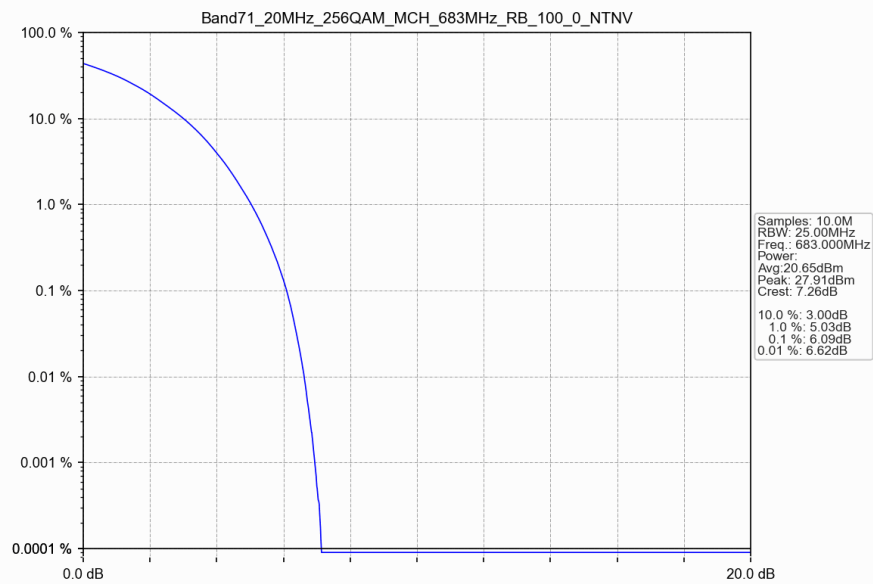
4.2 Test Graph

4.2.1 B71_20MHz





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

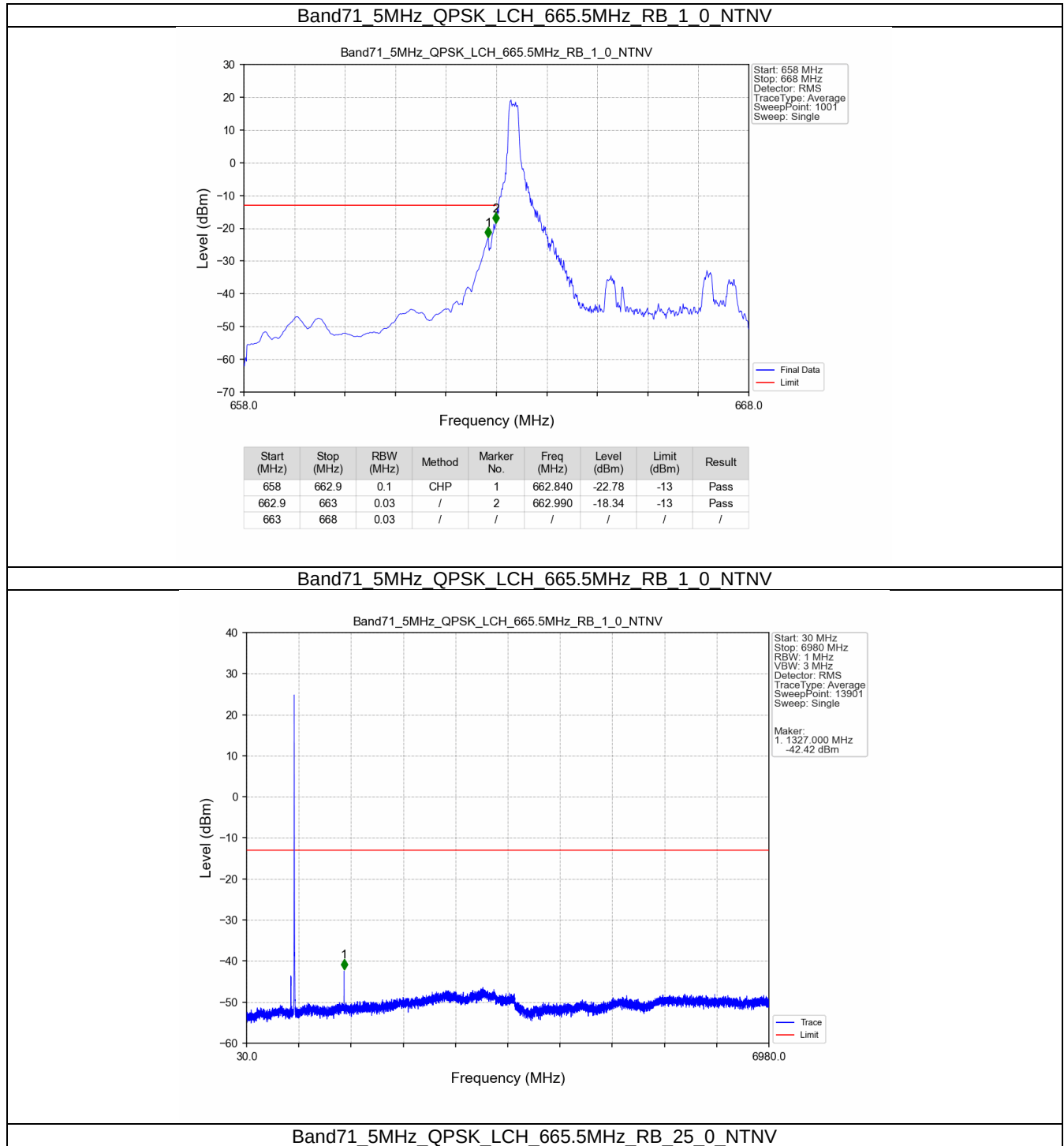
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

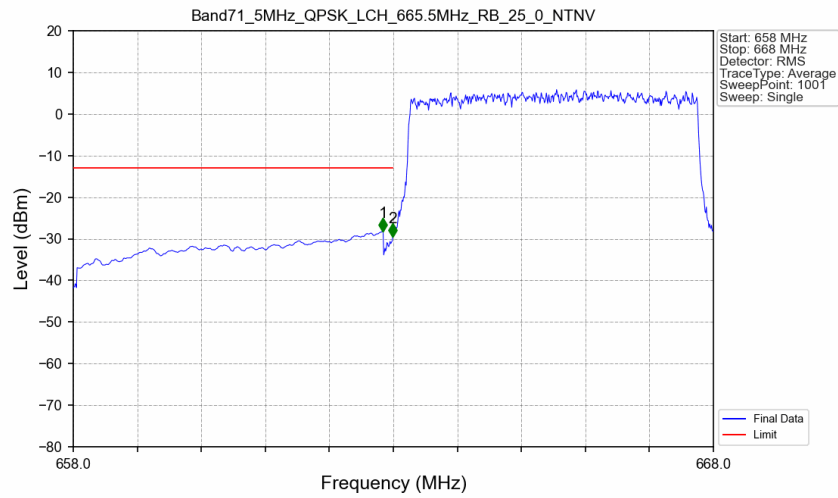
5.1.4 B71_20MHz

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	

5.2 Test Graph

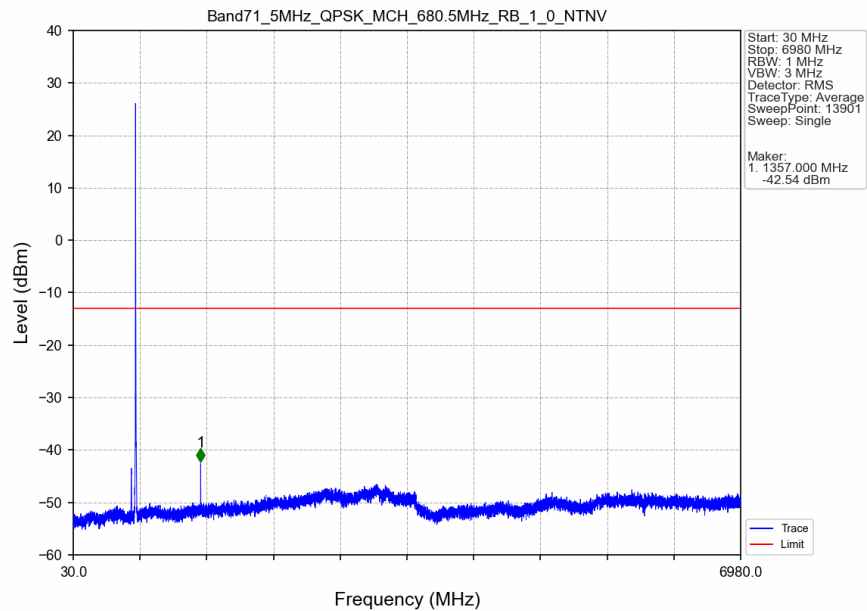
5.2.1 B71_5MHz

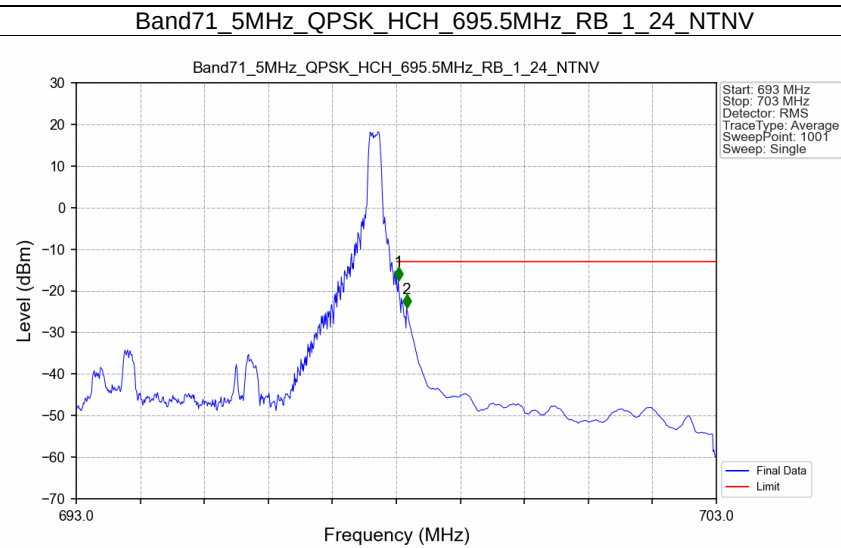
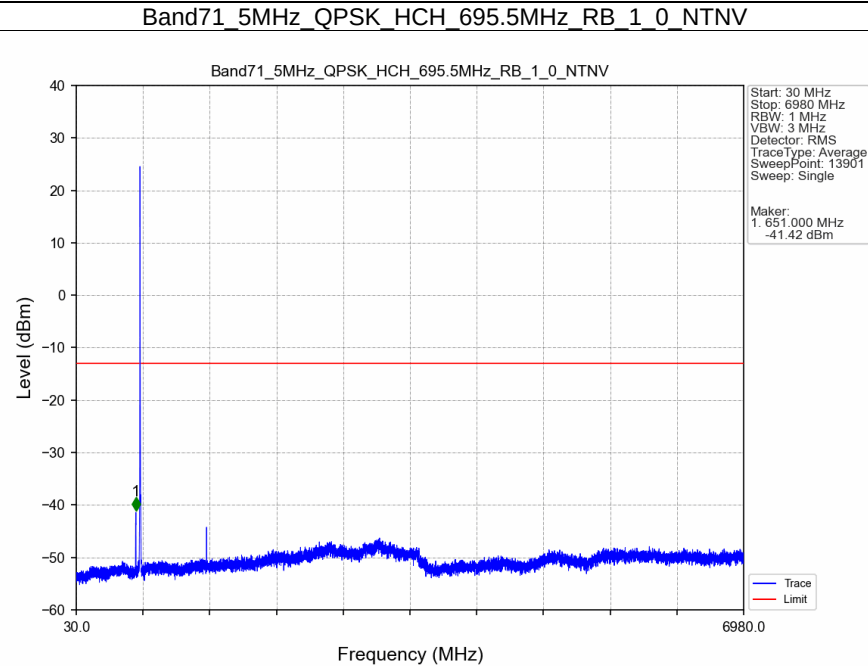




Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-28.27	-13	Pass
662.9	663	0.03	/	2	662.990	-29.55	-13	Pass
663	668	0.03	/	/	/	/	/	/

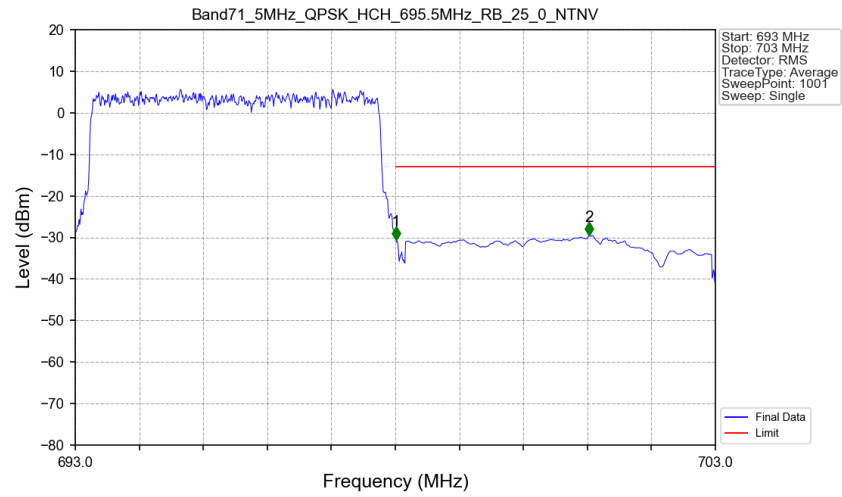
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNv





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	698.030	-17.41	-13	Pass
698.1	703	0.1	CHP	2	698.160	-23.96	-13	Pass

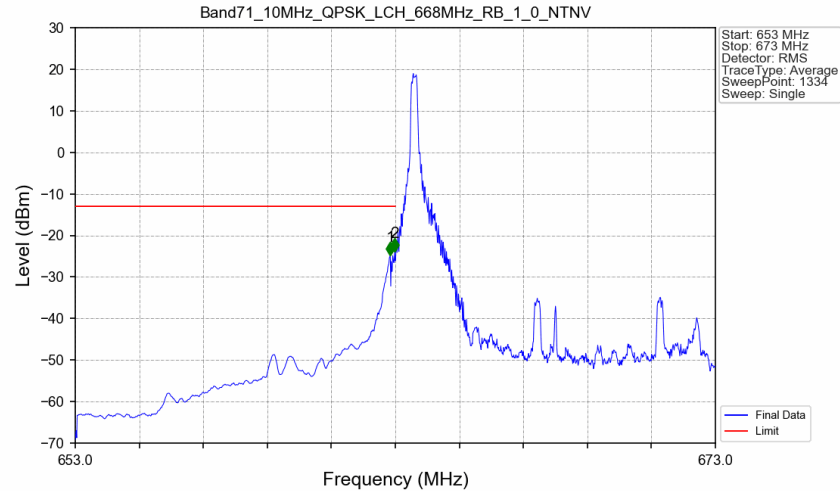
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



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	698.010	-30.64	-13	Pass
698.1	703	0.1	CHP	2	701.030	-29.57	-13	Pass

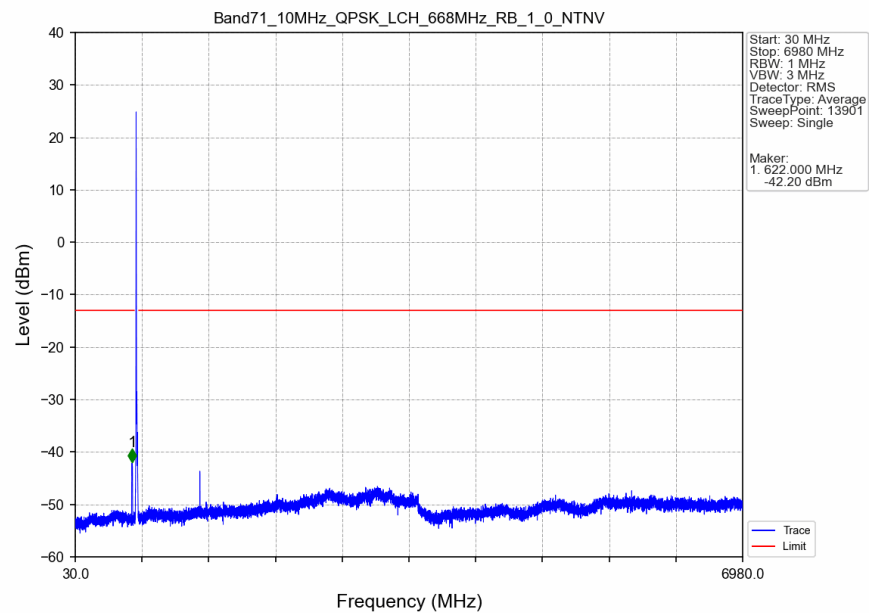
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

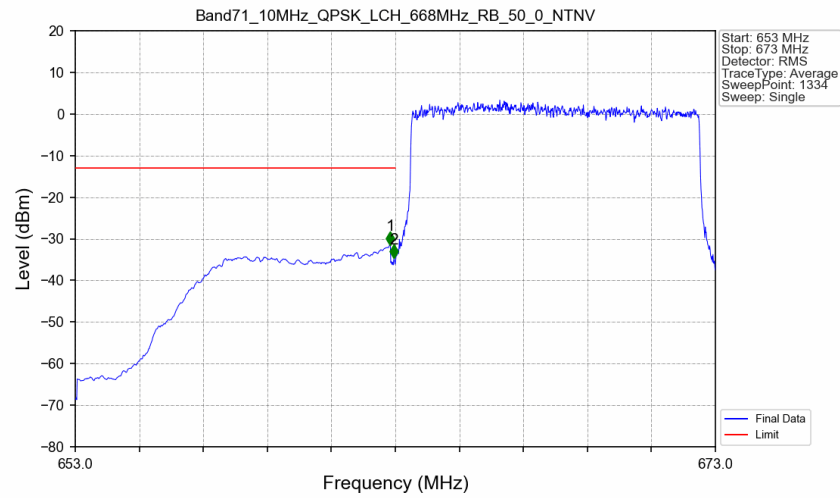


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-24.70	-13	Pass
662.9	663	0.03	/	2	662.977	-23.94	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

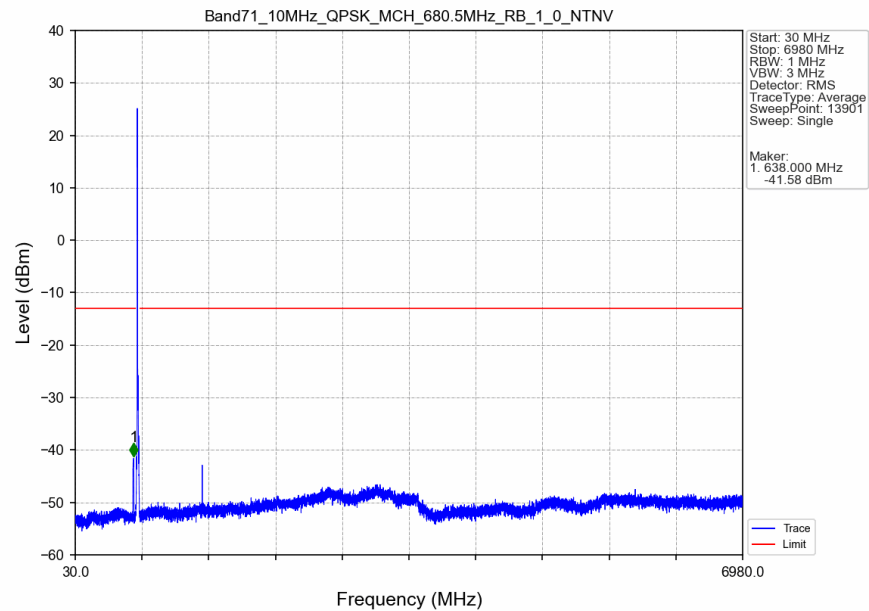


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

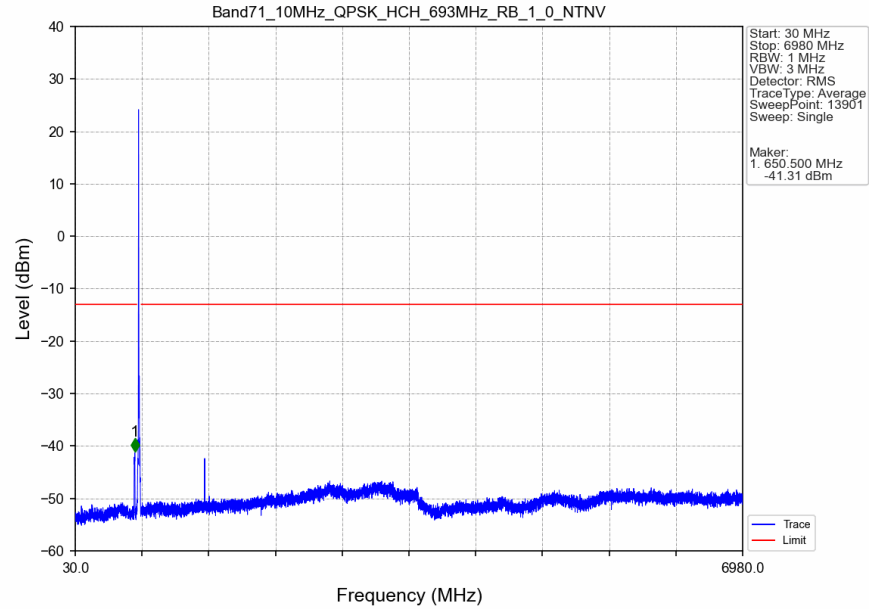


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-31.40	-13	Pass
662.9	663	0.03	/	2	662.962	-34.67	-13	Pass
663	673	0.03	/	/	/	/	/	/

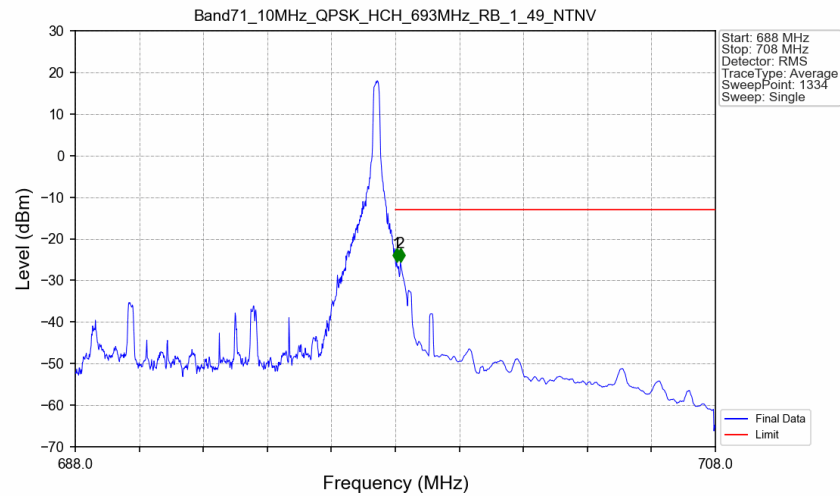
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

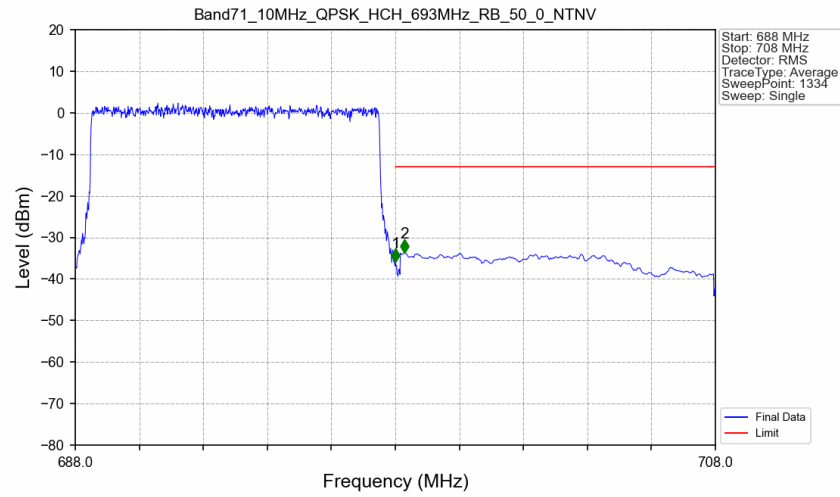


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



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	698.038	-25.57	-13	Pass
698.1	708	0.1	CHP	2	698.158	-25.55	-13	Pass

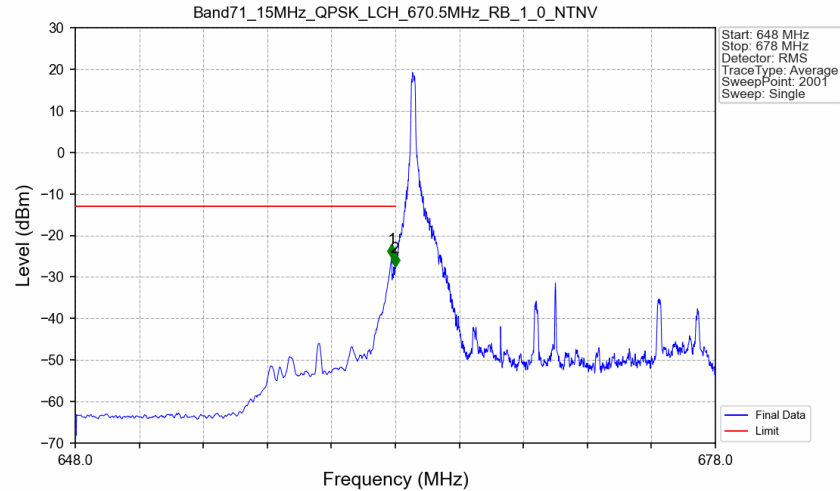
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



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	-35.89	-13	Pass
698.1	708	0.1	CHP	2	698.293	-33.59	-13	Pass

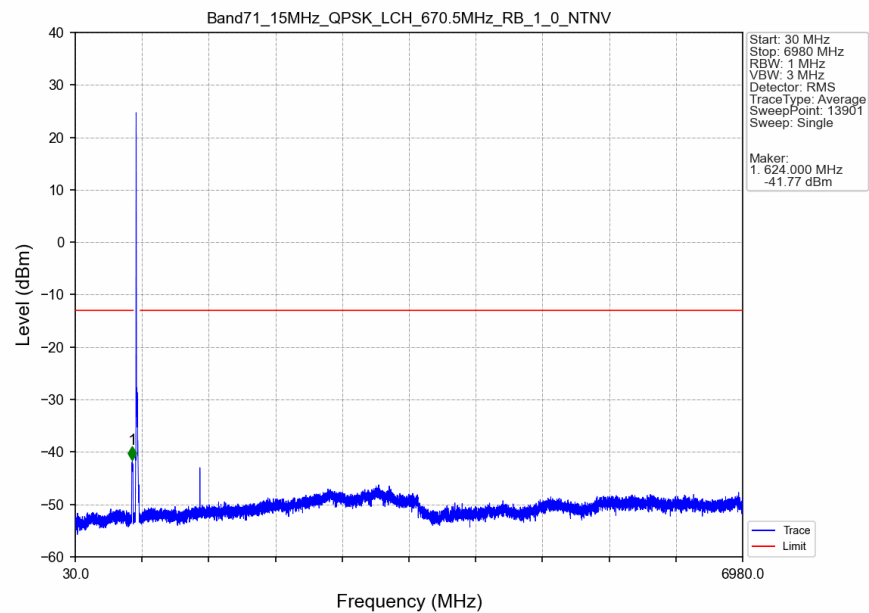
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

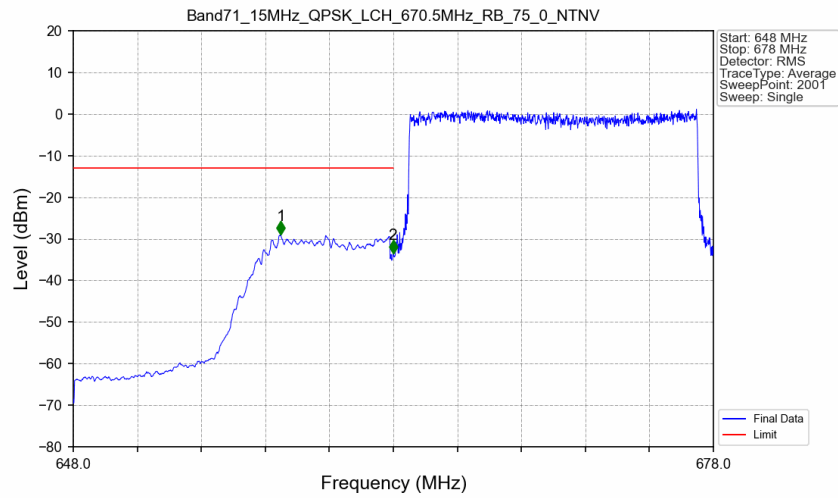


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-25.31	-13	Pass
662.9	663	0.03	/	2	662.985	-27.51	-13	Pass
663	678	0.03	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

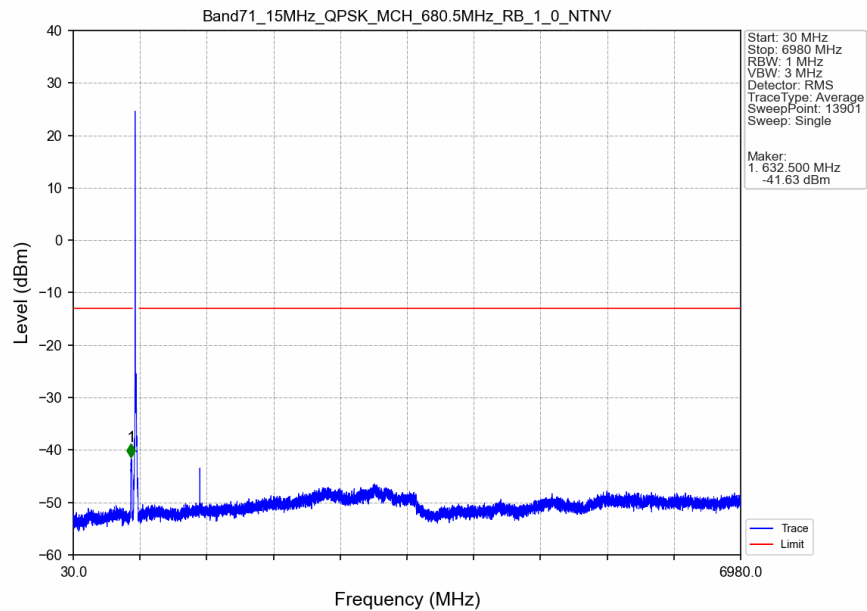


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

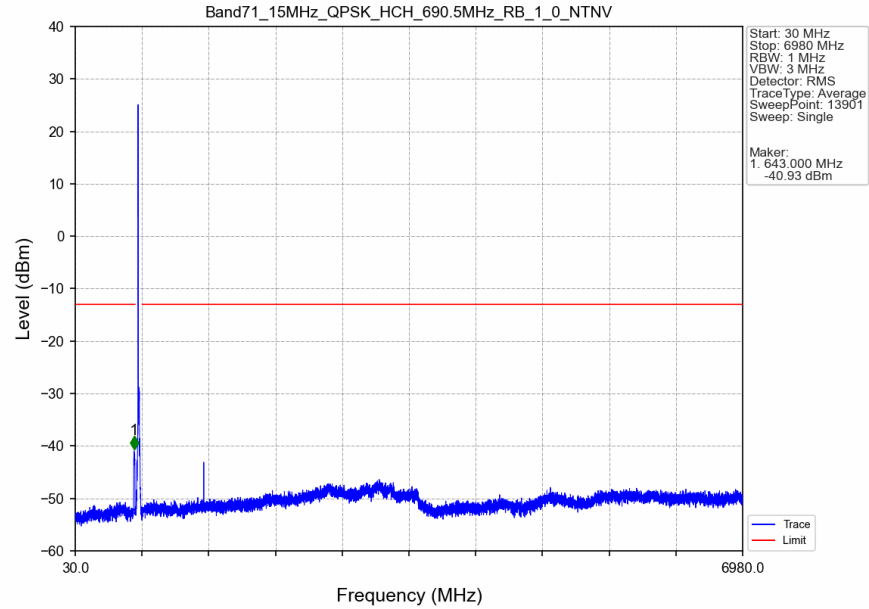


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	657.720	-29.02	-13	Pass
662.9	663	0.03	/	2	662.985	-33.51	-13	Pass
663	678	0.03	/	/	/	/	/	/

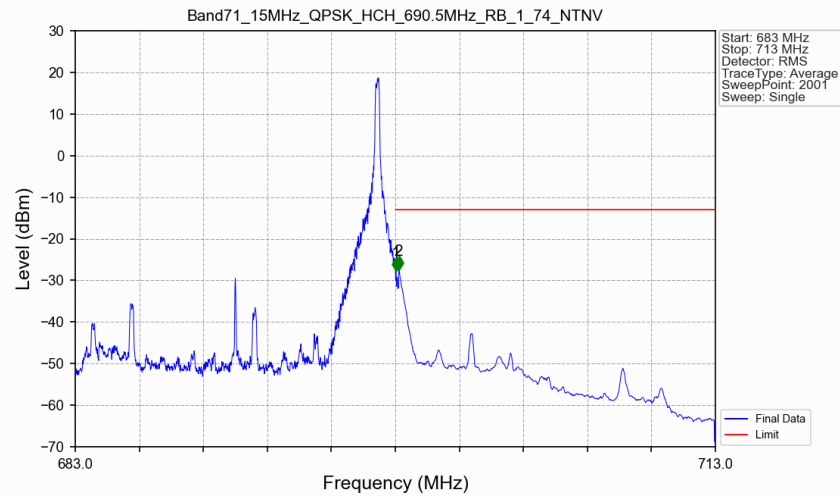
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



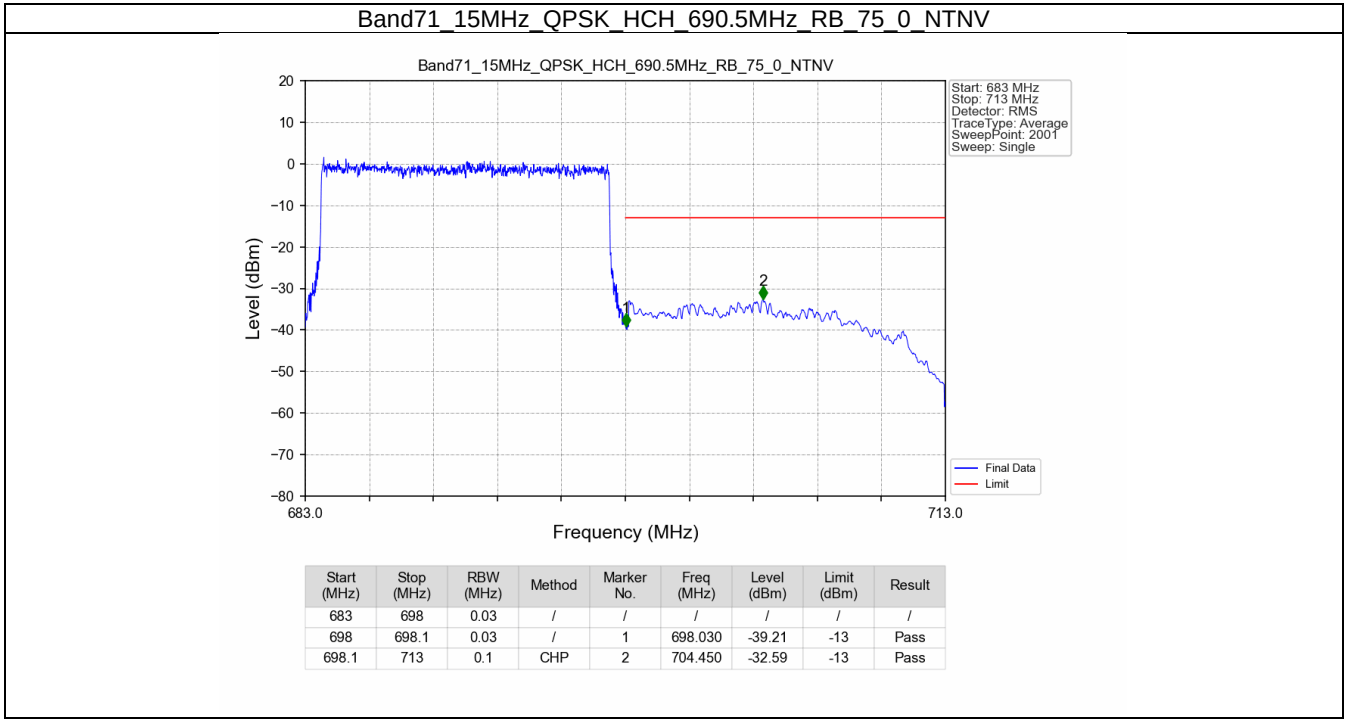
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



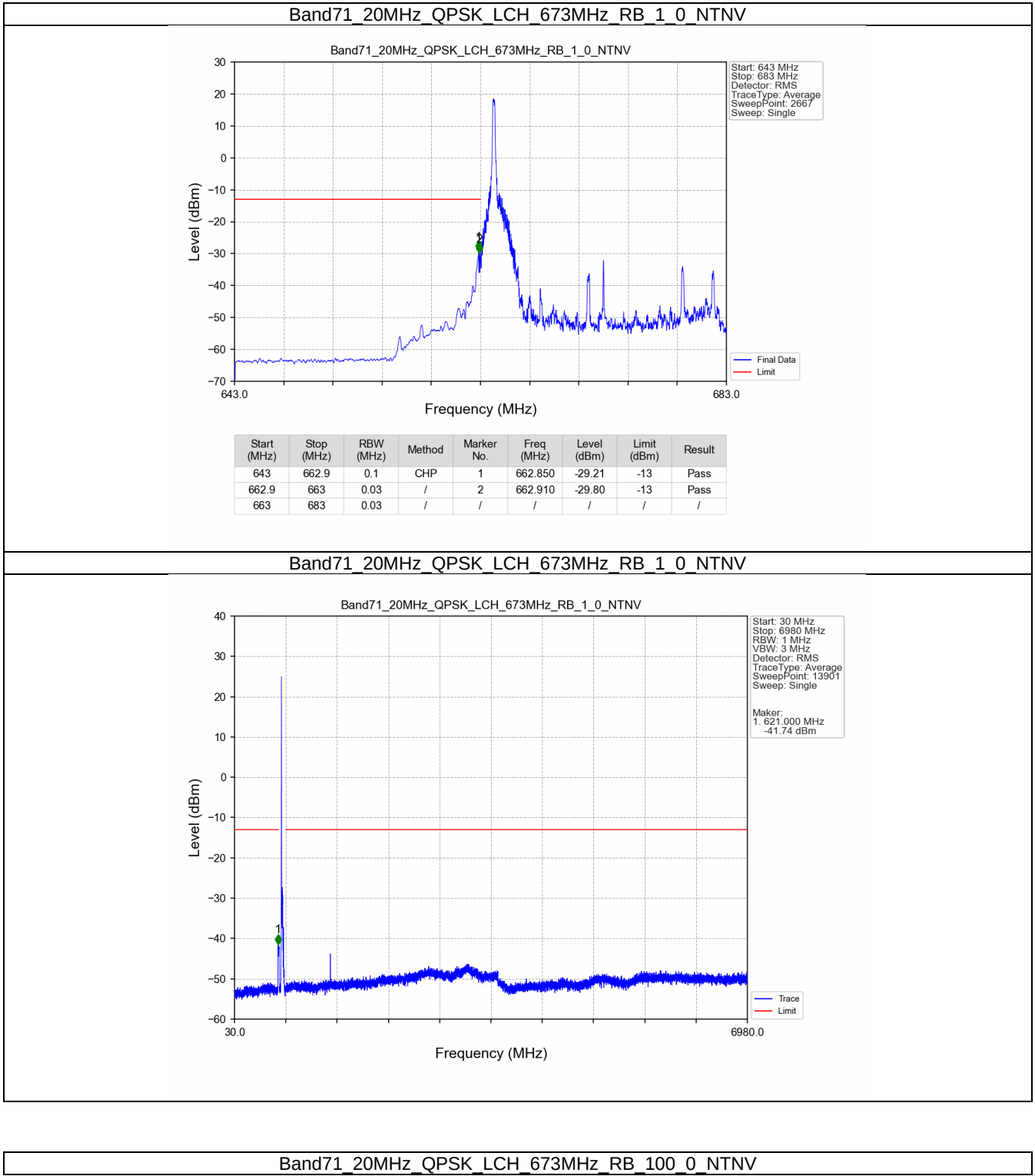
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV

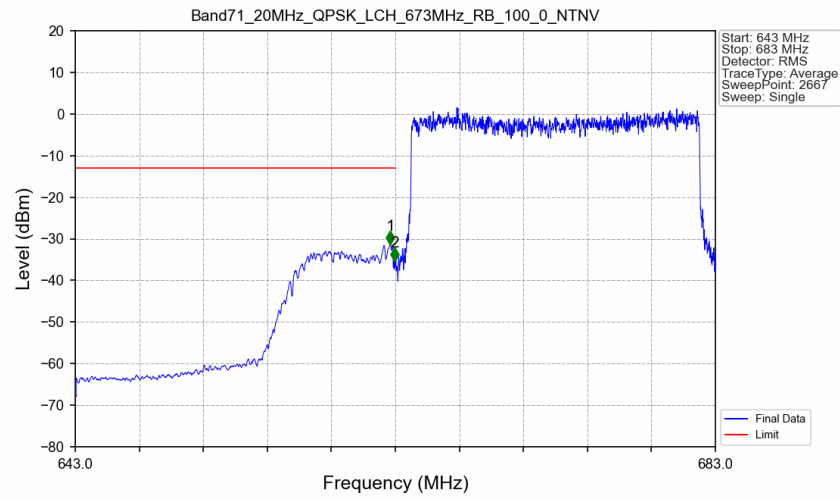


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-27.67	-13	Pass
698.1	713	0.1	CHP	2	698.165	-27.33	-13	Pass



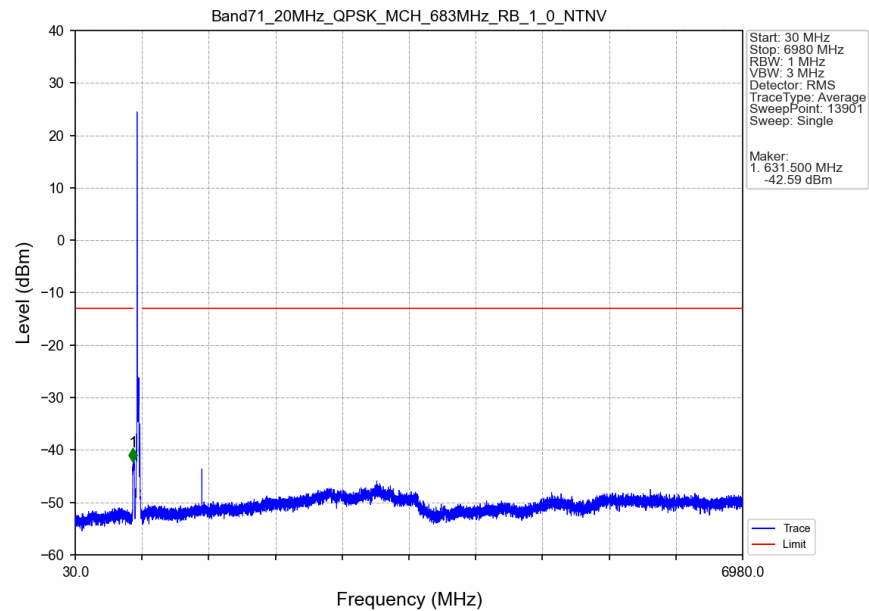
5.2.4 B71_20MHz



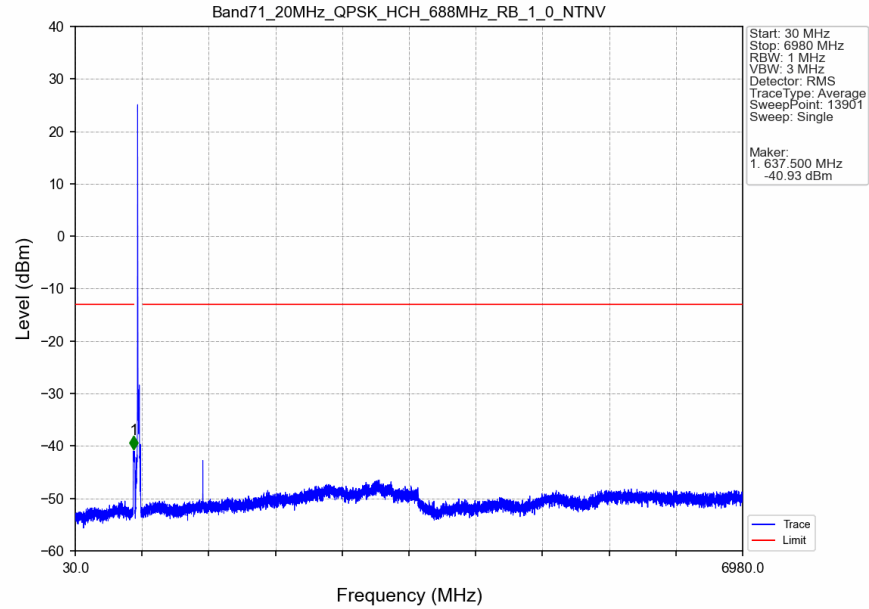


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.685	-31.39	-13	Pass
662.9	663	0.03	/	2	662.955	-35.29	-13	Pass
663	683	0.03	/	/	/	/	/	/

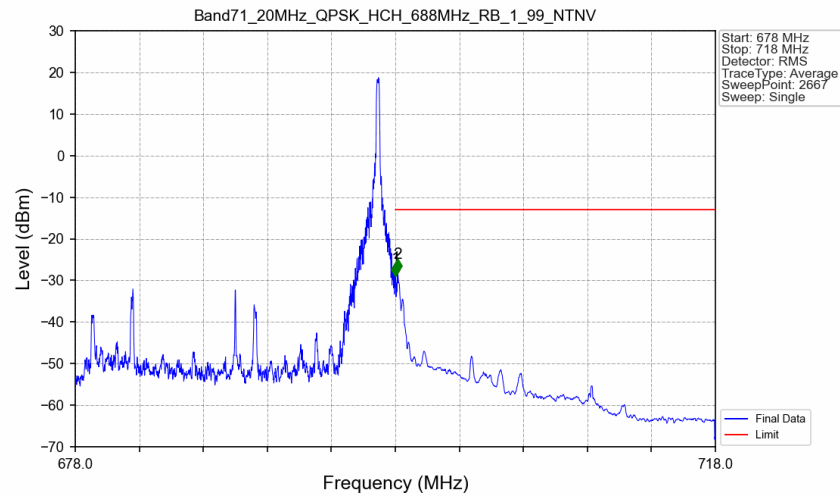
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

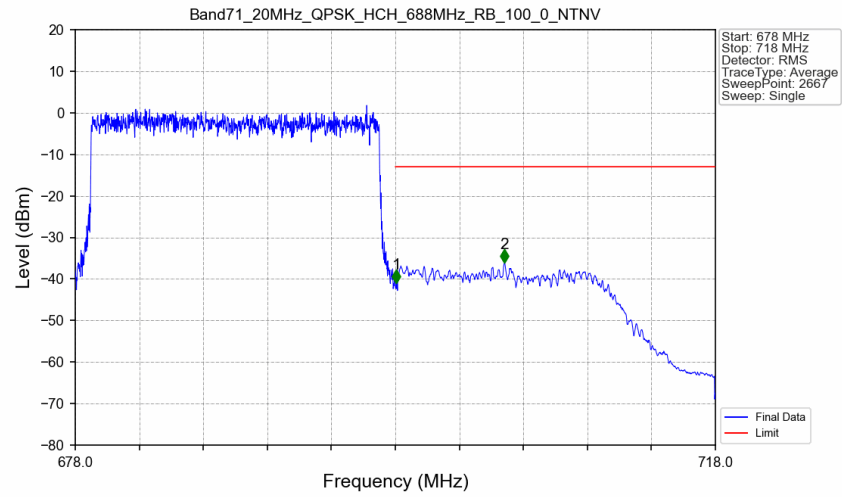


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



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	698.015	-28.88	-13	Pass
698.1	718	0.1	CHP	2	698.150	-28.02	-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	-40.93	-13	Pass
698.1	718	0.1	CHP	2	704.827	-36.02	-13	Pass