

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	22.45	3.00	23.30	<=34.77	Pass
			13	22.34	3.00	23.19	<=34.77	Pass
			24	22.52	3.00	23.37	<=34.77	Pass
		12	0	21.48	3.00	22.33	<=34.77	Pass
			6	21.55	3.00	22.40	<=34.77	Pass
			13	21.61	3.00	22.46	<=34.77	Pass
		25	0	21.47	3.00	22.32	<=34.77	Pass
	680.5	1	0	22.32	3.00	23.17	<=34.77	Pass
			13	22.44	3.00	23.29	<=34.77	Pass
			24	22.44	3.00	23.29	<=34.77	Pass
		12	0	21.32	3.00	22.17	<=34.77	Pass
			6	21.30	3.00	22.15	<=34.77	Pass
			13	21.37	3.00	22.22	<=34.77	Pass
		25	0	21.33	3.00	22.18	<=34.77	Pass
	695.5	1	0	21.67	3.00	22.52	<=34.77	Pass
			13	21.60	3.00	22.45	<=34.77	Pass
			24	21.46	3.00	22.31	<=34.77	Pass
		12	0	20.60	3.00	21.45	<=34.77	Pass
			6	20.46	3.00	21.31	<=34.77	Pass
			13	20.59	3.00	21.44	<=34.77	Pass
		25	0	20.67	3.00	21.52	<=34.77	Pass
16QAM	665.5	1	0	21.45	3.00	22.30	<=34.77	Pass
			13	21.81	3.00	22.66	<=34.77	Pass
			24	22.00	3.00	22.85	<=34.77	Pass
		12	0	20.74	3.00	21.59	<=34.77	Pass
			6	20.72	3.00	21.57	<=34.77	Pass
			13	20.72	3.00	21.57	<=34.77	Pass
		25	0	20.69	3.00	21.54	<=34.77	Pass
	680.5	1	0	21.31	3.00	22.16	<=34.77	Pass
			13	21.28	3.00	22.13	<=34.77	Pass
			24	21.36	3.00	22.21	<=34.77	Pass
		12	0	20.47	3.00	21.32	<=34.77	Pass
			6	20.46	3.00	21.31	<=34.77	Pass
			13	20.00	3.00	20.85	<=34.77	Pass
		25	0	20.34	3.00	21.19	<=34.77	Pass
	695.5	1	0	20.81	3.00	21.66	<=34.77	Pass
			13	20.82	3.00	21.67	<=34.77	Pass
			24	20.64	3.00	21.49	<=34.77	Pass
		12	0	19.66	3.00	20.51	<=34.77	Pass
			6	19.85	3.00	20.70	<=34.77	Pass
			13	19.55	3.00	20.40	<=34.77	Pass
		25	0	19.61	3.00	20.46	<=34.77	Pass
64QAM	665.5	1	0	20.37	3.00	21.22	<=34.77	Pass
			13	20.35	3.00	21.20	<=34.77	Pass
			24	20.93	3.00	21.78	<=34.77	Pass
		12	0	19.68	3.00	20.53	<=34.77	Pass

		25	6	19.88	3.00	20.73	<=34.77	Pass
			13	19.75	3.00	20.60	<=34.77	Pass
			0	19.75	3.00	20.60	<=34.77	Pass
	680.5	1	0	20.28	3.00	21.13	<=34.77	Pass
			13	20.64	3.00	21.49	<=34.77	Pass
			24	20.69	3.00	21.54	<=34.77	Pass
		12	0	19.38	3.00	20.23	<=34.77	Pass
			6	19.39	3.00	20.24	<=34.77	Pass
			13	19.53	3.00	20.38	<=34.77	Pass
		25	0	19.38	3.00	20.23	<=34.77	Pass
	695.5	1	0	19.72	3.00	20.57	<=34.77	Pass
			13	19.43	3.00	20.28	<=34.77	Pass
			24	19.65	3.00	20.50	<=34.77	Pass
		12	0	18.78	3.00	19.63	<=34.77	Pass
			6	18.81	3.00	19.66	<=34.77	Pass
			13	18.65	3.00	19.50	<=34.77	Pass
		25	0	18.67	3.00	19.52	<=34.77	Pass
256QAM	665.5	1	0	17.85	3.00	18.70	<=34.77	Pass
			13	17.74	3.00	18.59	<=34.77	Pass
			24	17.77	3.00	18.62	<=34.77	Pass
		12	0	17.59	3.00	18.44	<=34.77	Pass
			6	17.81	3.00	18.66	<=34.77	Pass
			13	17.75	3.00	18.60	<=34.77	Pass
		25	0	17.76	3.00	18.61	<=34.77	Pass
	680.5	1	0	17.25	3.00	18.10	<=34.77	Pass
			13	17.28	3.00	18.13	<=34.77	Pass
			24	17.51	3.00	18.36	<=34.77	Pass
		12	0	17.47	3.00	18.32	<=34.77	Pass
			6	17.36	3.00	18.21	<=34.77	Pass
			13	17.53	3.00	18.38	<=34.77	Pass
		25	0	17.46	3.00	18.31	<=34.77	Pass
	695.5	1	0	16.65	3.00	17.50	<=34.77	Pass
			13	16.88	3.00	17.73	<=34.77	Pass
			24	16.54	3.00	17.39	<=34.77	Pass
		12	0	16.78	3.00	17.63	<=34.77	Pass
			6	16.79	3.00	17.64	<=34.77	Pass
			13	16.65	3.00	17.50	<=34.77	Pass
		25	0	16.75	3.00	17.60	<=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	22.65	3.00	23.50	<=34.77	Pass
			25	22.55	3.00	23.40	<=34.77	Pass
			49	21.76	3.00	22.61	<=34.77	Pass
		25	0	21.78	3.00	22.63	<=34.77	Pass
			13	21.49	3.00	22.34	<=34.77	Pass
			25	21.32	3.00	22.17	<=34.77	Pass
		50	0	21.56	3.00	22.41	<=34.77	Pass
	680.5	1	0	22.57	3.00	23.42	<=34.77	Pass
			25	22.37	3.00	23.22	<=34.77	Pass

			49	22.46	3.00	23.31	<=34.77	Pass
			0	21.38	3.00	22.23	<=34.77	Pass
			13	21.33	3.00	22.18	<=34.77	Pass
			25	21.49	3.00	22.34	<=34.77	Pass
		50	0	21.44	3.00	22.29	<=34.77	Pass
		693	0	21.77	3.00	22.62	<=34.77	Pass
			25	21.63	3.00	22.48	<=34.77	Pass
			49	21.51	3.00	22.36	<=34.77	Pass
			0	20.95	3.00	21.80	<=34.77	Pass
		25	13	20.77	3.00	21.62	<=34.77	Pass
			25	20.59	3.00	21.44	<=34.77	Pass
			50	20.87	3.00	21.72	<=34.77	Pass
16QAM	668	1	0	21.80	3.00	22.65	<=34.77	Pass
			25	21.81	3.00	22.66	<=34.77	Pass
			49	20.80	3.00	21.65	<=34.77	Pass
		25	0	20.72	3.00	21.57	<=34.77	Pass
			13	20.61	3.00	21.46	<=34.77	Pass
			25	20.37	3.00	21.22	<=34.77	Pass
		50	0	20.47	3.00	21.32	<=34.77	Pass
	680.5	1	0	21.63	3.00	22.48	<=34.77	Pass
			25	21.08	3.00	21.93	<=34.77	Pass
			49	21.50	3.00	22.35	<=34.77	Pass
		25	0	20.48	3.00	21.33	<=34.77	Pass
			13	20.48	3.00	21.33	<=34.77	Pass
			25	20.48	3.00	21.33	<=34.77	Pass
		50	0	20.44	3.00	21.29	<=34.77	Pass
	693	1	0	21.22	3.00	22.07	<=34.77	Pass
			25	21.06	3.00	21.91	<=34.77	Pass
			49	20.77	3.00	21.62	<=34.77	Pass
		25	0	20.00	3.00	20.85	<=34.77	Pass
			13	19.89	3.00	20.74	<=34.77	Pass
			25	19.66	3.00	20.51	<=34.77	Pass
		50	0	19.79	3.00	20.64	<=34.77	Pass
64QAM	668	1	0	20.31	3.00	21.16	<=34.77	Pass
			25	20.84	3.00	21.69	<=34.77	Pass
			49	19.80	3.00	20.65	<=34.77	Pass
		25	0	19.83	3.00	20.68	<=34.77	Pass
			13	19.87	3.00	20.72	<=34.77	Pass
			25	19.26	3.00	20.11	<=34.77	Pass
		50	0	19.70	3.00	20.55	<=34.77	Pass
	680.5	1	0	20.24	3.00	21.09	<=34.77	Pass
			25	20.48	3.00	21.33	<=34.77	Pass
			49	20.87	3.00	21.72	<=34.77	Pass
		25	0	19.55	3.00	20.40	<=34.77	Pass
			13	19.32	3.00	20.17	<=34.77	Pass
			25	19.74	3.00	20.59	<=34.77	Pass
		50	0	19.53	3.00	20.38	<=34.77	Pass
	693	1	0	19.72	3.00	20.57	<=34.77	Pass
			25	19.92	3.00	20.77	<=34.77	Pass
			49	19.70	3.00	20.55	<=34.77	Pass
		25	0	18.90	3.00	19.75	<=34.77	Pass
			13	18.91	3.00	19.76	<=34.77	Pass
			25	18.72	3.00	19.57	<=34.77	Pass
		50	0	18.81	3.00	19.66	<=34.77	Pass
256QAM	668	1	0	17.79	3.00	18.64	<=34.77	Pass
			25	17.48	3.00	18.33	<=34.77	Pass

		25	49	17.49	3.00	18.34	<=34.77	Pass
			0	17.84	3.00	18.69	<=34.77	Pass
			13	17.89	3.00	18.74	<=34.77	Pass
			25	17.82	3.00	18.67	<=34.77	Pass
	680.5	50	0	17.68	3.00	18.53	<=34.77	Pass
			0	17.65	3.00	18.50	<=34.77	Pass
			25	17.52	3.00	18.37	<=34.77	Pass
		1	49	17.77	3.00	18.62	<=34.77	Pass
			0	17.48	3.00	18.33	<=34.77	Pass
			13	17.44	3.00	18.29	<=34.77	Pass
		25	25	17.49	3.00	18.34	<=34.77	Pass
			0	17.55	3.00	18.40	<=34.77	Pass
		50	0	17.20	3.00	18.05	<=34.77	Pass
			25	17.02	3.00	17.87	<=34.77	Pass
			49	16.54	3.00	17.39	<=34.77	Pass
	693	1	0	16.88	3.00	17.73	<=34.77	Pass
			13	16.82	3.00	17.67	<=34.77	Pass
			25	16.57	3.00	17.42	<=34.77	Pass
		25	0	16.91	3.00	17.76	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	22.52	3.00	23.37	<=34.77	Pass
			38	21.73	3.00	22.58	<=34.77	Pass
			74	21.94	3.00	22.79	<=34.77	Pass
		36	0	21.66	3.00	22.51	<=34.77	Pass
			18	21.43	3.00	22.28	<=34.77	Pass
			39	21.31	3.00	22.16	<=34.77	Pass
		75	0	20.53	3.00	21.38	<=34.77	Pass
	680.5	1	0	21.93	3.00	22.78	<=34.77	Pass
			38	22.38	3.00	23.23	<=34.77	Pass
			74	22.18	3.00	23.03	<=34.77	Pass
		36	0	21.35	3.00	22.20	<=34.77	Pass
			18	21.20	3.00	22.05	<=34.77	Pass
			39	21.39	3.00	22.24	<=34.77	Pass
		75	0	21.41	3.00	22.26	<=34.77	Pass
	690.5	1	0	21.72	3.00	22.57	<=34.77	Pass
			38	21.55	3.00	22.40	<=34.77	Pass
			74	21.42	3.00	22.27	<=34.77	Pass
		36	0	20.84	3.00	21.69	<=34.77	Pass
			18	20.82	3.00	21.67	<=34.77	Pass
			39	20.58	3.00	21.43	<=34.77	Pass
		75	0	20.65	3.00	21.50	<=34.77	Pass
16QAM	670.5	1	0	21.82	3.00	22.67	<=34.77	Pass
			38	20.97	3.00	21.82	<=34.77	Pass
			74	21.23	3.00	22.08	<=34.77	Pass
		36	0	20.49	3.00	21.34	<=34.77	Pass
			18	20.42	3.00	21.27	<=34.77	Pass
			39	20.42	3.00	21.27	<=34.77	Pass
		75	0	20.30	3.00	21.15	<=34.77	Pass
	680.5	1	0	20.82	3.00	21.67	<=34.77	Pass
			38	20.89	3.00	21.74	<=34.77	Pass
			74	21.19	3.00	22.04	<=34.77	Pass
		36	0	20.23	3.00	21.08	<=34.77	Pass
			18	20.31	3.00	21.16	<=34.77	Pass
			39	20.48	3.00	21.33	<=34.77	Pass
		75	0	20.34	3.00	21.19	<=34.77	Pass
	690.5	1	0	20.94	3.00	21.79	<=34.77	Pass
			38	21.03	3.00	21.88	<=34.77	Pass
			74	20.17	3.00	21.02	<=34.77	Pass
		36	0	19.92	3.00	20.77	<=34.77	Pass
			18	19.84	3.00	20.69	<=34.77	Pass
			39	19.58	3.00	20.43	<=34.77	Pass
		75	0	19.91	3.00	20.76	<=34.77	Pass
64QAM	670.5	1	0	20.64	3.00	21.49	<=34.77	Pass
			38	19.78	3.00	20.63	<=34.77	Pass
			74	19.56	3.00	20.41	<=34.77	Pass
		36	0	19.83	3.00	20.68	<=34.77	Pass
			18	19.42	3.00	20.27	<=34.77	Pass
			39	19.50	3.00	20.35	<=34.77	Pass
		75	0	19.49	3.00	20.34	<=34.77	Pass
	680.5	1	0	20.13	3.00	20.98	<=34.77	Pass
			38	20.46	3.00	21.31	<=34.77	Pass

256QAM	690.5	36	74	20.10	3.00	20.95	<=34.77	Pass
			0	19.59	3.00	20.44	<=34.77	Pass
			18	19.44	3.00	20.29	<=34.77	Pass
			39	19.53	3.00	20.38	<=34.77	Pass
		75	0	19.40	3.00	20.25	<=34.77	Pass
			0	19.92	3.00	20.77	<=34.77	Pass
			38	19.73	3.00	20.58	<=34.77	Pass
			74	19.40	3.00	20.25	<=34.77	Pass
	670.5	36	0	19.04	3.00	19.89	<=34.77	Pass
			18	18.79	3.00	19.64	<=34.77	Pass
			39	18.57	3.00	19.42	<=34.77	Pass
			0	18.91	3.00	19.76	<=34.77	Pass
		75	0	17.10	3.00	17.95	<=34.77	Pass
			38	17.54	3.00	18.39	<=34.77	Pass
			74	17.14	3.00	17.99	<=34.77	Pass
			0	17.78	3.00	18.63	<=34.77	Pass
256QAM	680.5	36	18	17.71	3.00	18.56	<=34.77	Pass
			39	17.47	3.00	18.32	<=34.77	Pass
			0	17.40	3.00	18.25	<=34.77	Pass
			0	17.50	3.00	18.35	<=34.77	Pass
		75	38	17.49	3.00	18.34	<=34.77	Pass
			74	17.55	3.00	18.40	<=34.77	Pass
			0	17.27	3.00	18.12	<=34.77	Pass
			18	17.17	3.00	18.02	<=34.77	Pass
256QAM	690.5	36	39	17.46	3.00	18.31	<=34.77	Pass
			0	17.36	3.00	18.21	<=34.77	Pass
			0	17.21	3.00	18.06	<=34.77	Pass
		75	38	16.58	3.00	17.43	<=34.77	Pass
			74	16.44	3.00	17.29	<=34.77	Pass
			0	16.93	3.00	17.78	<=34.77	Pass
			18	16.88	3.00	17.73	<=34.77	Pass
			39	16.37	3.00	17.22	<=34.77	Pass
		75	0	16.88	3.00	17.73	<=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	22.34	3.00	23.19	<=34.77	Pass
			50	22.46	3.00	23.31	<=34.77	Pass
			99	22.39	3.00	23.24	<=34.77	Pass
		50	0	21.61	3.00	22.46	<=34.77	Pass
			25	21.45	3.00	22.30	<=34.77	Pass
			50	21.41	3.00	22.26	<=34.77	Pass
		100	0	18.98	3.00	19.83	<=34.77	Pass
			0	22.37	3.00	23.22	<=34.77	Pass
	683	1	50	22.41	3.00	23.26	<=34.77	Pass
			99	21.95	3.00	22.80	<=34.77	Pass
			0	21.41	3.00	22.26	<=34.77	Pass
		50	25	21.40	3.00	22.25	<=34.77	Pass
			50	21.27	3.00	22.12	<=34.77	Pass
			0	20.20	3.00	21.05	<=34.77	Pass

	688	1	0	21.42	3.00	22.27	<=34.77	Pass		
			50	21.76	3.00	22.61	<=34.77	Pass		
			99	21.12	3.00	21.97	<=34.77	Pass		
		50	0	20.55	3.00	21.40	<=34.77	Pass		
			25	20.79	3.00	21.64	<=34.77	Pass		
			50	20.58	3.00	21.43	<=34.77	Pass		
		100	0	18.04	3.00	18.89	<=34.77	Pass		
		16QAM	673	1	0	21.42	3.00	22.27	<=34.77	Pass
					50	21.74	3.00	22.59	<=34.77	Pass
99	21.16				3.00	22.01	<=34.77	Pass		
50	0			20.50	3.00	21.35	<=34.77	Pass		
	25			20.48	3.00	21.33	<=34.77	Pass		
	50			20.32	3.00	21.17	<=34.77	Pass		
100	0			18.06	3.00	18.91	<=34.77	Pass		
683	1			0	21.49	3.00	22.34	<=34.77	Pass	
				50	21.44	3.00	22.29	<=34.77	Pass	
			99	20.99	3.00	21.84	<=34.77	Pass		
	50		0	20.28	3.00	21.13	<=34.77	Pass		
			25	20.53	3.00	21.38	<=34.77	Pass		
			50	20.47	3.00	21.32	<=34.77	Pass		
	100		0	19.37	3.00	20.22	<=34.77	Pass		
	688		1	0	20.96	3.00	21.81	<=34.77	Pass	
				50	20.94	3.00	21.79	<=34.77	Pass	
99				20.25	3.00	21.10	<=34.77	Pass		
50			0	19.68	3.00	20.53	<=34.77	Pass		
			25	19.77	3.00	20.62	<=34.77	Pass		
			50	19.46	3.00	20.31	<=34.77	Pass		
100			0	18.28	3.00	19.13	<=34.77	Pass		
64QAM			673	1	0	21.08	3.00	21.93	<=34.77	Pass
					50	20.16	3.00	21.01	<=34.77	Pass
	99				20.25	3.00	21.10	<=34.77	Pass	
	50			0	19.78	3.00	20.63	<=34.77	Pass	
				25	19.49	3.00	20.34	<=34.77	Pass	
				50	19.41	3.00	20.26	<=34.77	Pass	
	100	0		17.86	3.00	18.71	<=34.77	Pass		
	683	1	0	20.46	3.00	21.31	<=34.77	Pass		
			50	20.22	3.00	21.07	<=34.77	Pass		
			99	20.24	3.00	21.09	<=34.77	Pass		
		50	0	19.42	3.00	20.27	<=34.77	Pass		
			25	19.39	3.00	20.24	<=34.77	Pass		
			50	19.43	3.00	20.28	<=34.77	Pass		
		100	0	19.29	3.00	20.14	<=34.77	Pass		
	688	1	0	19.59	3.00	20.44	<=34.77	Pass		
			50	19.94	3.00	20.79	<=34.77	Pass		
			99	19.23	3.00	20.08	<=34.77	Pass		
		50	0	18.78	3.00	19.63	<=34.77	Pass		
			25	18.84	3.00	19.69	<=34.77	Pass		
			50	18.58	3.00	19.43	<=34.77	Pass		
		100	0	18.77	3.00	19.62	<=34.77	Pass		
256QAM	673	1	0	17.42	3.00	18.27	<=34.77	Pass		
			50	17.60	3.00	18.45	<=34.77	Pass		
			99	17.18	3.00	18.03	<=34.77	Pass		
		50	0	17.76	3.00	18.61	<=34.77	Pass		
			25	17.46	3.00	18.31	<=34.77	Pass		
			50	17.50	3.00	18.35	<=34.77	Pass		
		100	0	17.48	3.00	18.33	<=34.77	Pass		

	683	1	0	17.01	3.00	17.86	<=34.77	Pass
			50	17.66	3.00	18.51	<=34.77	Pass
			99	16.79	3.00	17.64	<=34.77	Pass
		50	0	17.40	3.00	18.25	<=34.77	Pass
			25	17.58	3.00	18.43	<=34.77	Pass
			50	17.35	3.00	18.20	<=34.77	Pass
		100	0	17.40	3.00	18.25	<=34.77	Pass
	688	1	0	16.64	3.00	17.49	<=34.77	Pass
			50	16.70	3.00	17.55	<=34.77	Pass
			99	16.49	3.00	17.34	<=34.77	Pass
		50	0	16.80	3.00	17.65	<=34.77	Pass
			25	16.78	3.00	17.63	<=34.77	Pass
			50	16.47	3.00	17.32	<=34.77	Pass
		100	0	16.12	3.00	16.97	<=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	3.700	0.0054	-2.5 to 2.5	Pass
					NV	0.900	0.0013	-2.5 to 2.5	Pass
					HV	4.700	0.0069	-2.5 to 2.5	Pass
				0	NV	0.100	0.0001	-2.5 to 2.5	Pass
				10	NV	1.800	0.0026	-2.5 to 2.5	Pass
				30	NV	-10.500	-0.0154	-2.5 to 2.5	Pass
				40	NV	5.300	0.0078	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

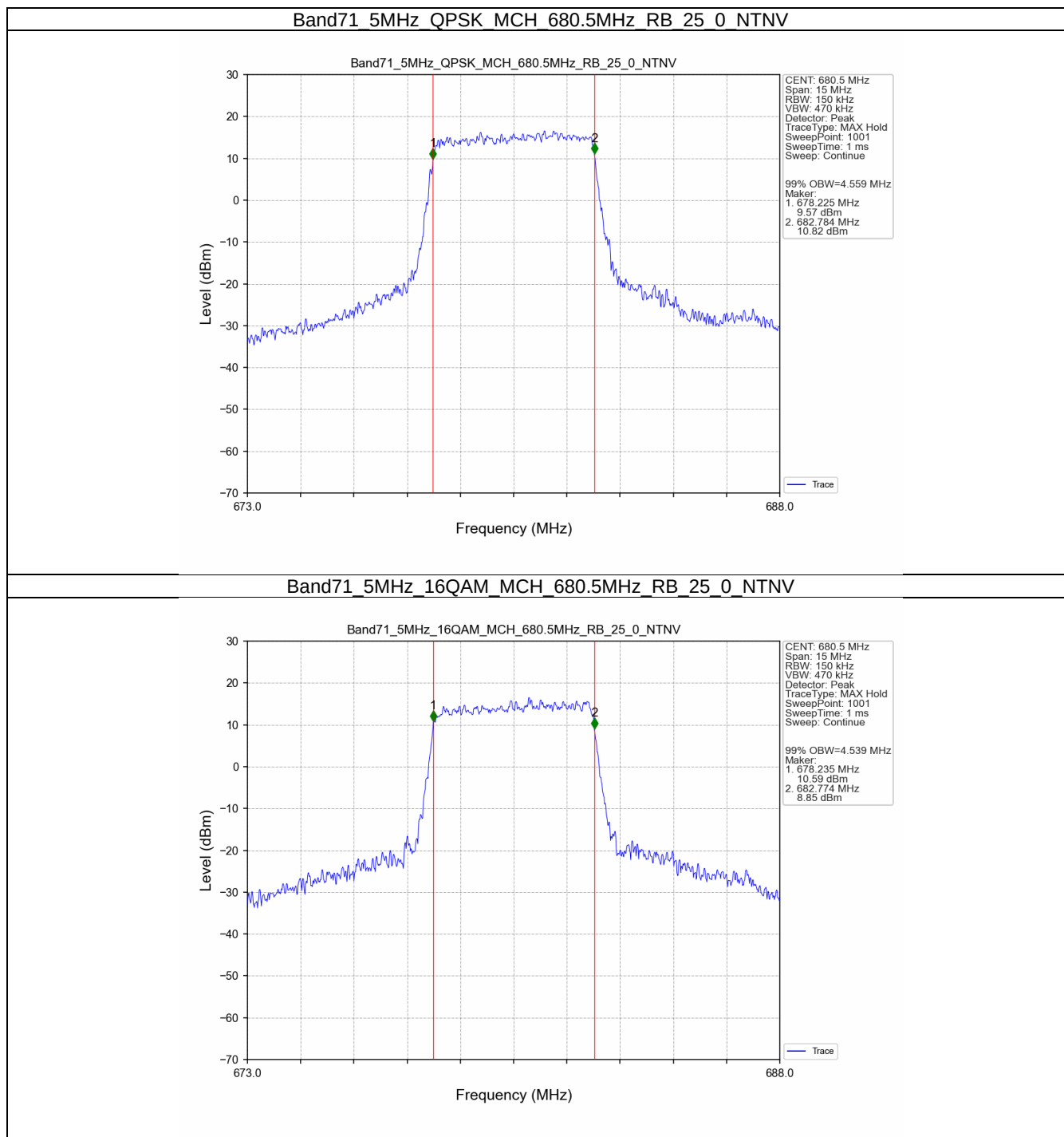
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.559	/	Pass
	16QAM	680.5	25	0	4.539	/	Pass
	64QAM	680.5	25	0	4.546	/	Pass
	256QAM	680.5	25	0	4.552	/	Pass
10	QPSK	680.5	50	0	9.004	/	Pass
	16QAM	680.5	50	0	8.991	/	Pass
	64QAM	680.5	50	0	9.017	/	Pass
	256QAM	680.5	50	0	8.991	/	Pass
15	QPSK	680.5	75	0	13.450	/	Pass
	16QAM	680.5	75	0	13.434	/	Pass
	64QAM	680.5	75	0	13.458	/	Pass
	256QAM	680.5	75	0	13.449	/	Pass
20	QPSK	683	100	0	17.633	/	Pass
	16QAM	683	100	0	17.572	/	Pass
	64QAM	683	100	0	17.810	/	Pass
	256QAM	683	100	0	17.821	/	Pass

3.1.2 Band71_XDB

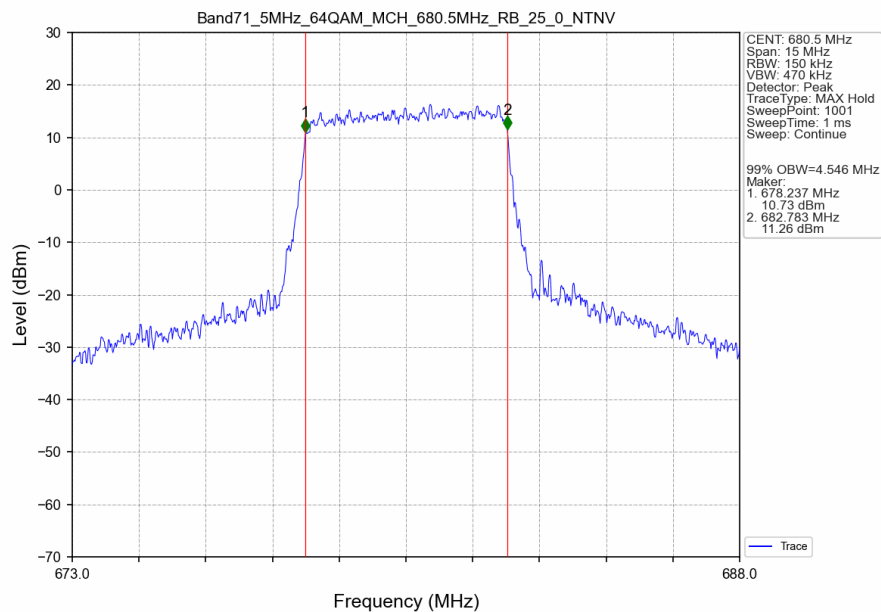
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.274	/	Pass
	16QAM	680.5	25	0	5.144	/	Pass
	64QAM	680.5	25	0	5.159	/	Pass
	256QAM	680.5	25	0	5.208	/	Pass
10	QPSK	680.5	50	0	10.030	/	Pass
	16QAM	680.5	50	0	10.176	/	Pass
	64QAM	680.5	50	0	10.001	/	Pass
	256QAM	680.5	50	0	10.061	/	Pass
15	QPSK	680.5	75	0	15.055	/	Pass
	16QAM	680.5	75	0	14.877	/	Pass
	64QAM	680.5	75	0	14.889	/	Pass
	256QAM	680.5	75	0	15.058	/	Pass
20	QPSK	683	100	0	24.013	/	Pass
	16QAM	683	100	0	19.048	/	Pass
	64QAM	683	100	0	19.537	/	Pass
	256QAM	683	100	0	19.594	/	Pass

3.2 Test Graph

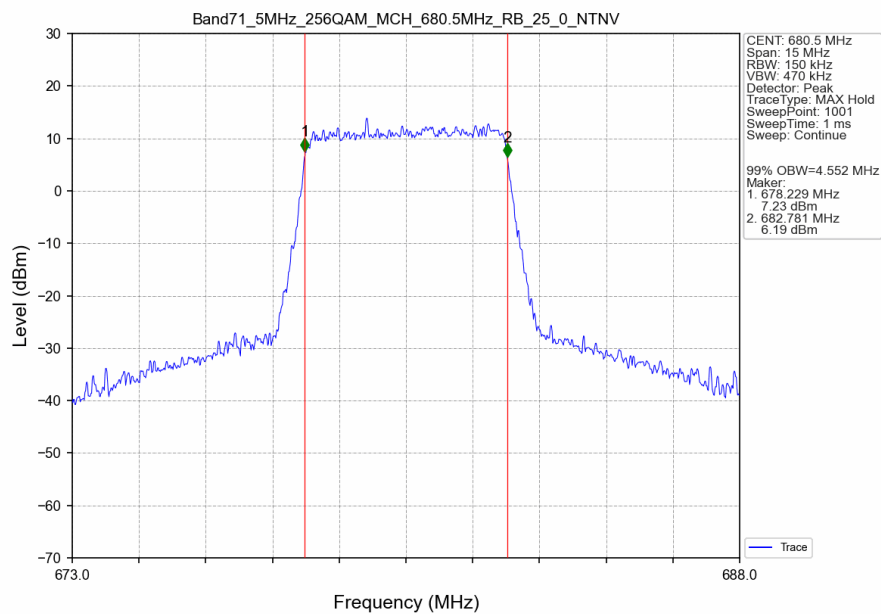
3.2.1 Band71_OBW



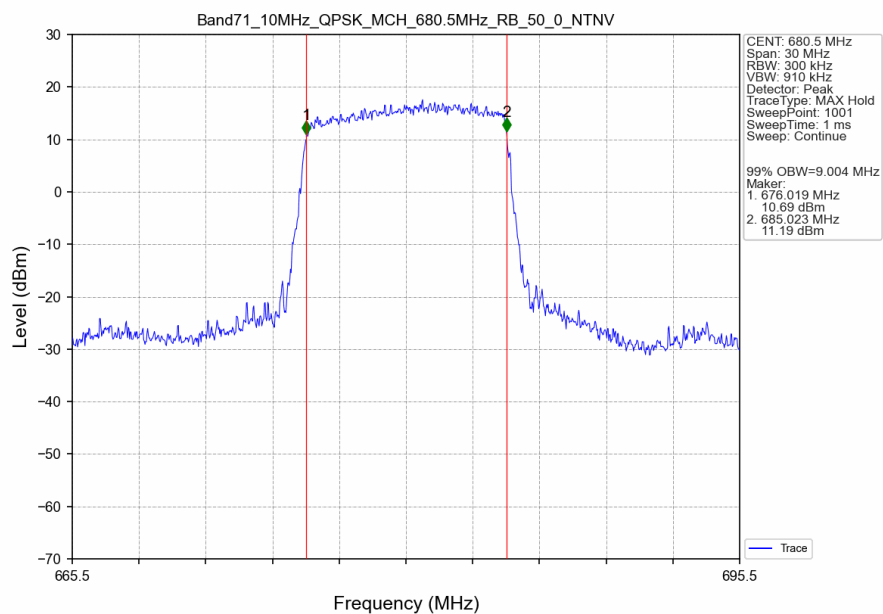
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



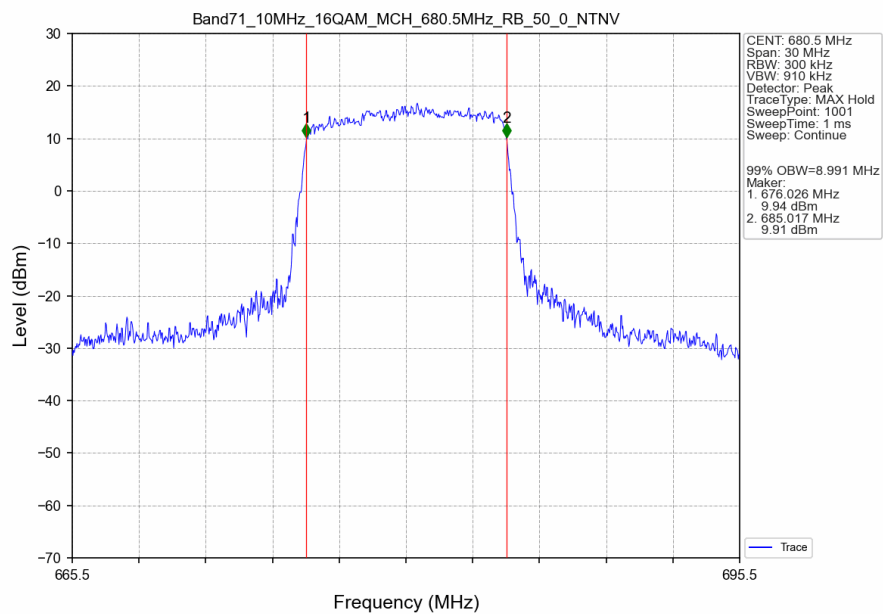
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



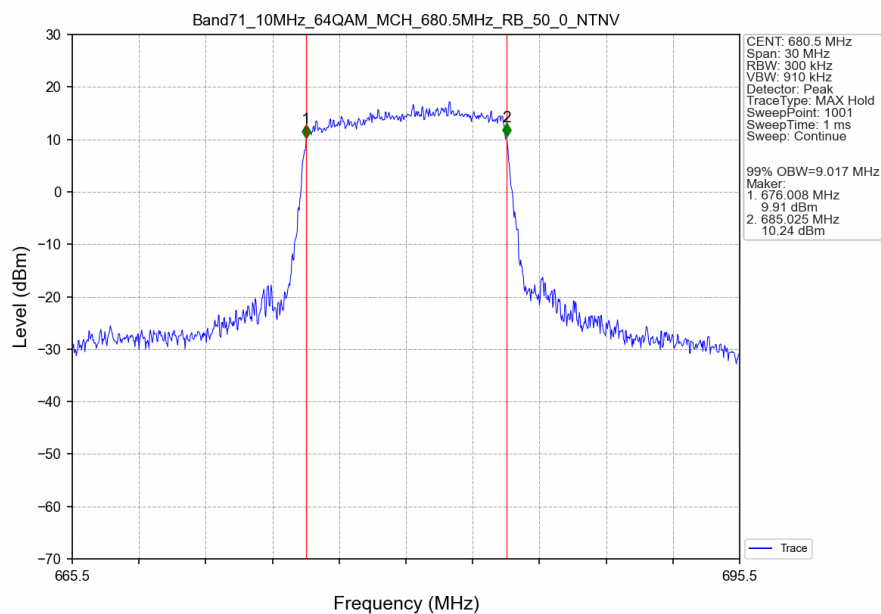
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



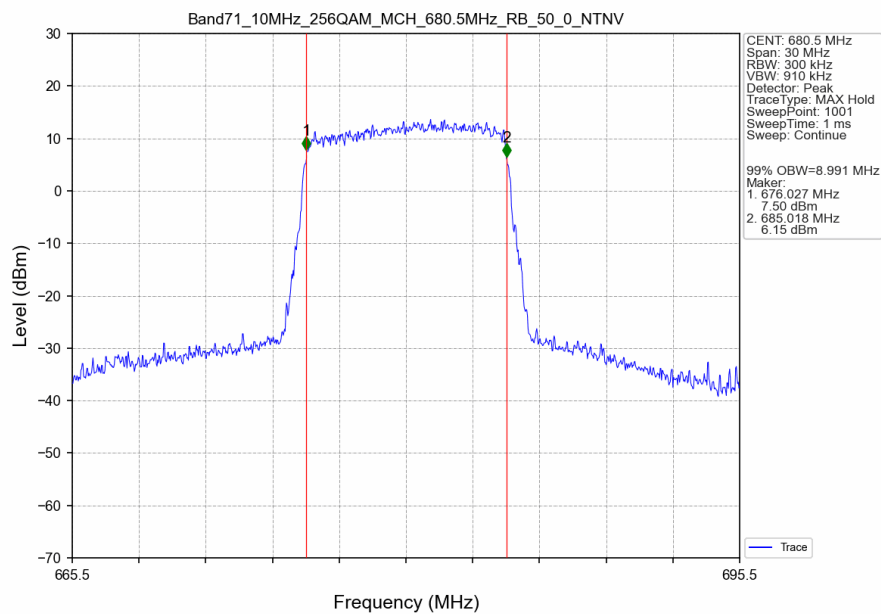
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



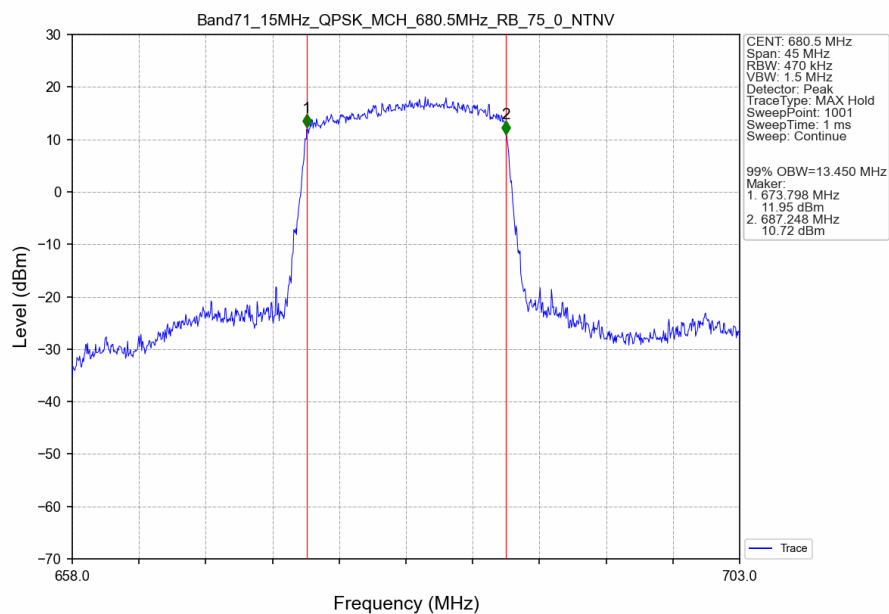
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



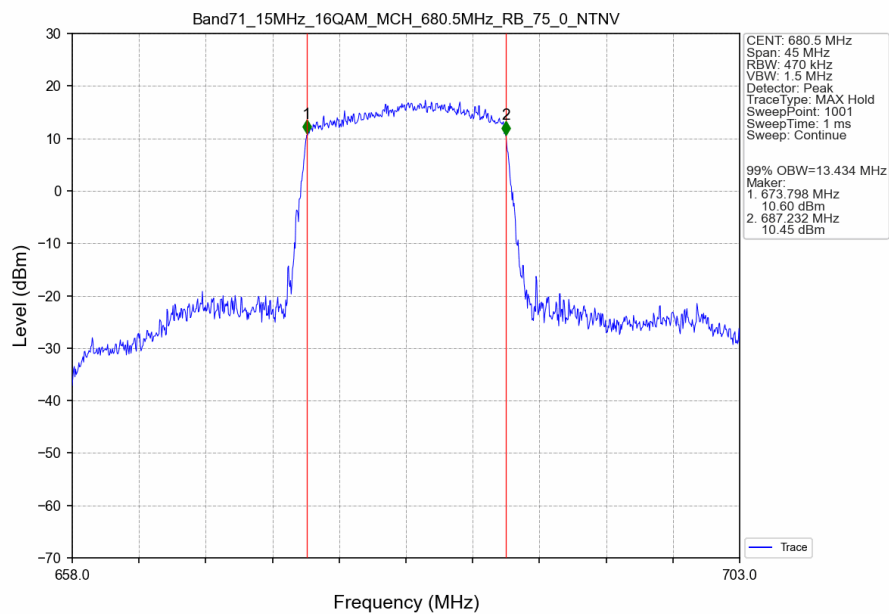
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



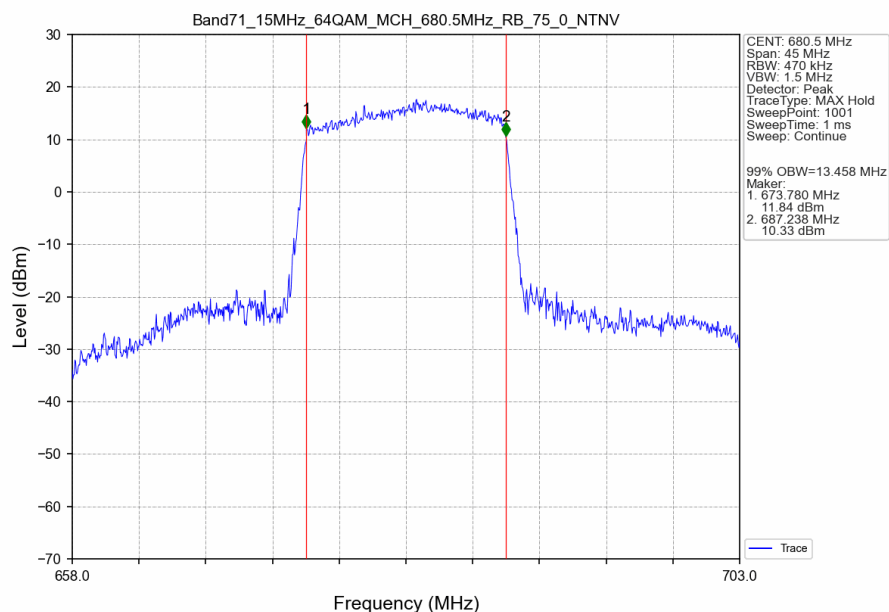
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



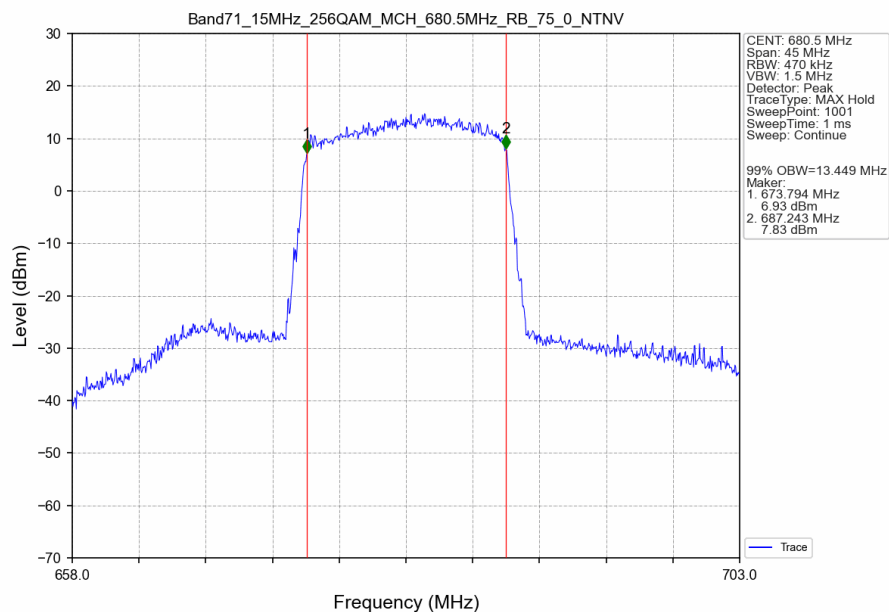
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



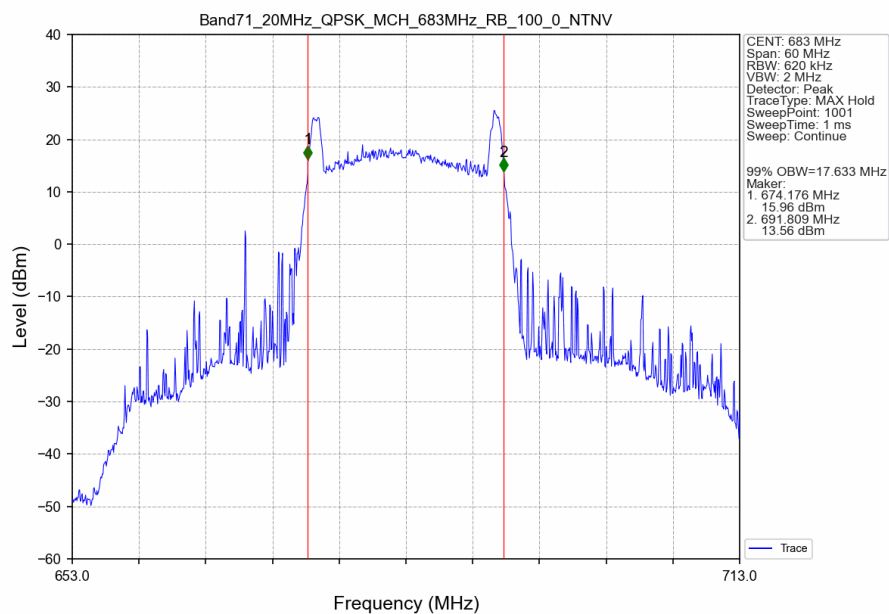
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



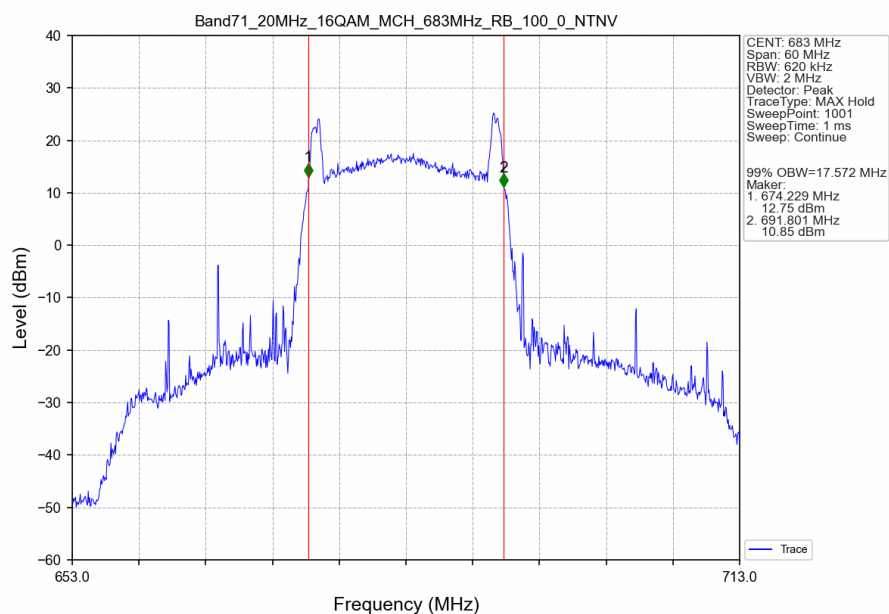
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



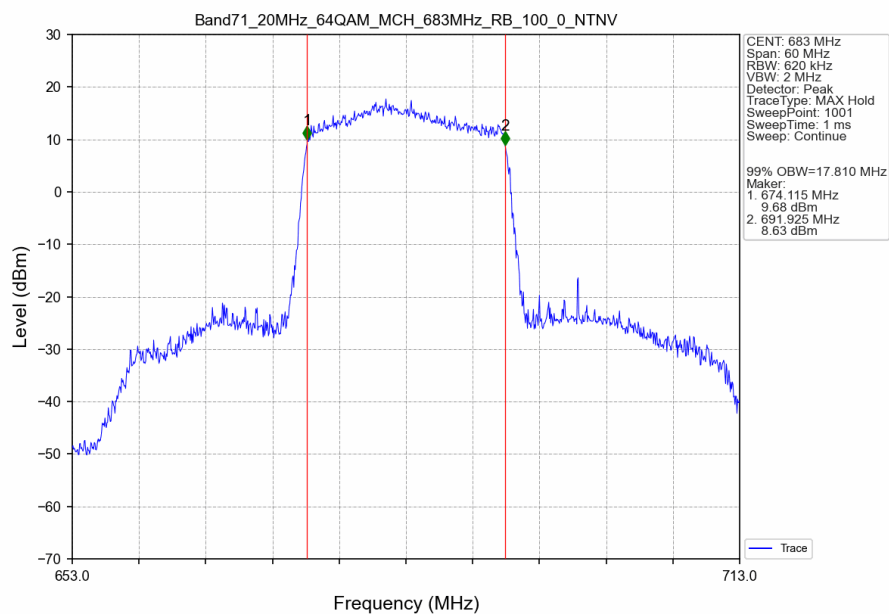
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



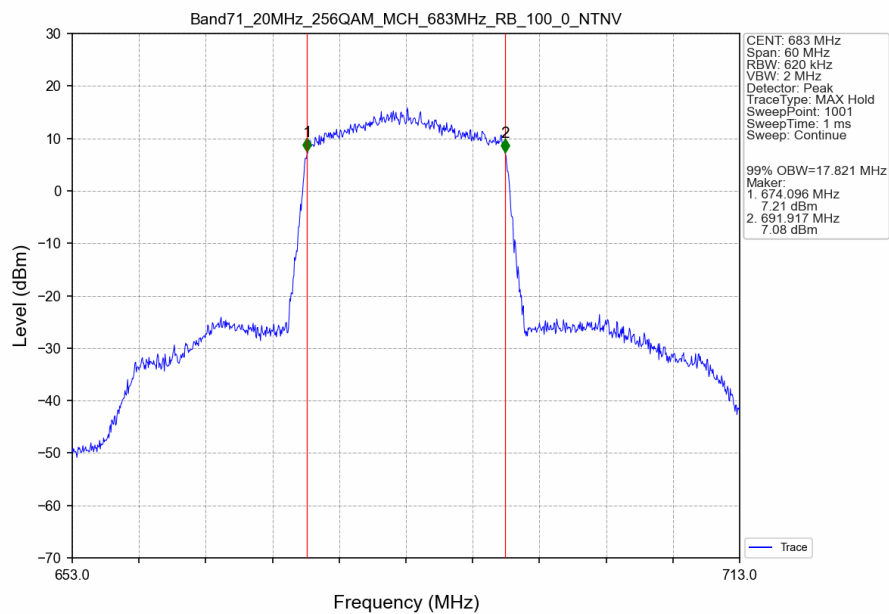
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



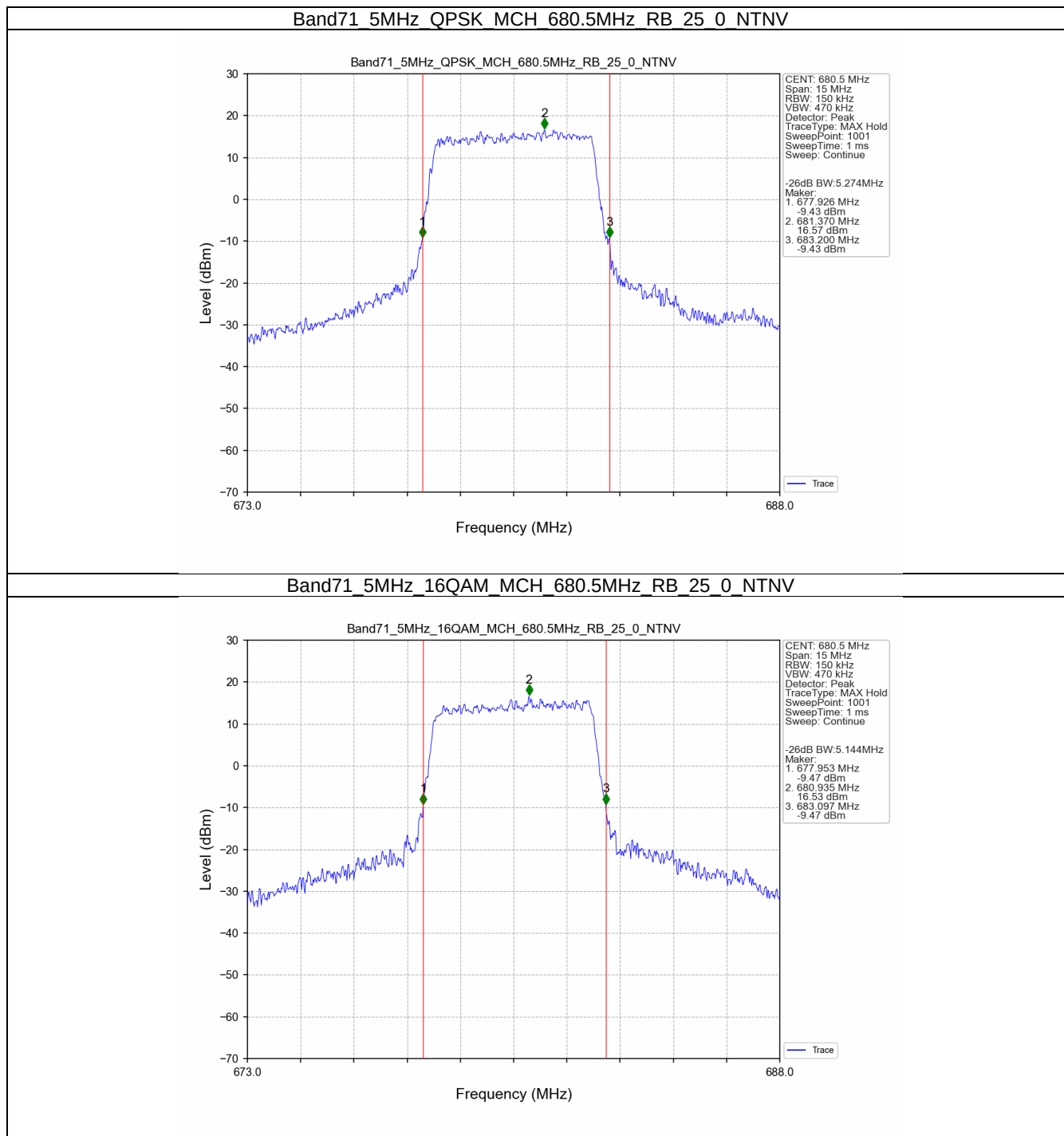
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



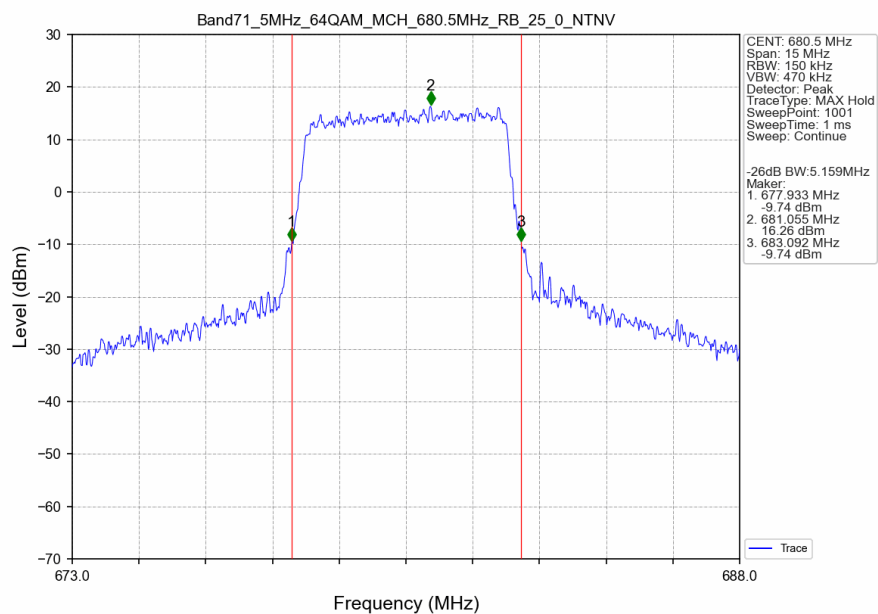
Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



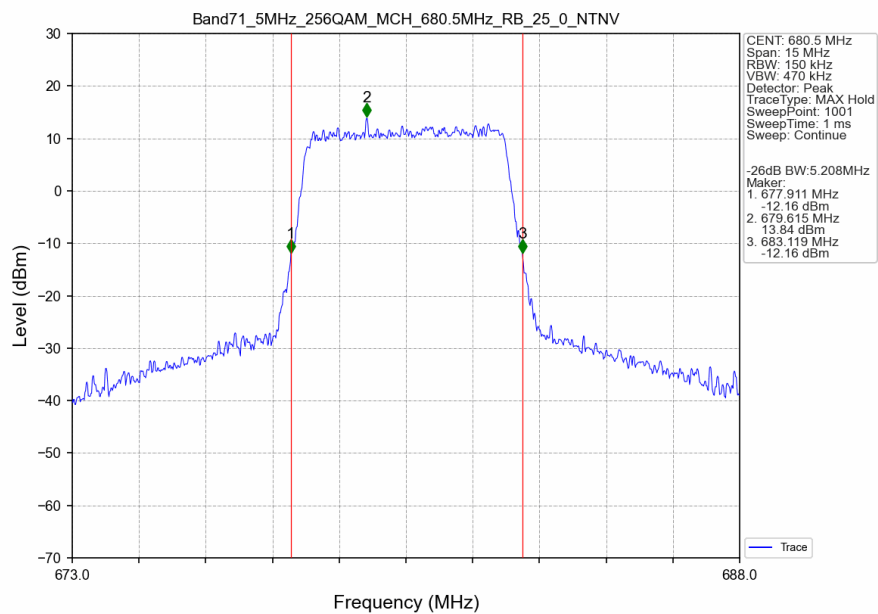
3.2.2 Band71_XDB



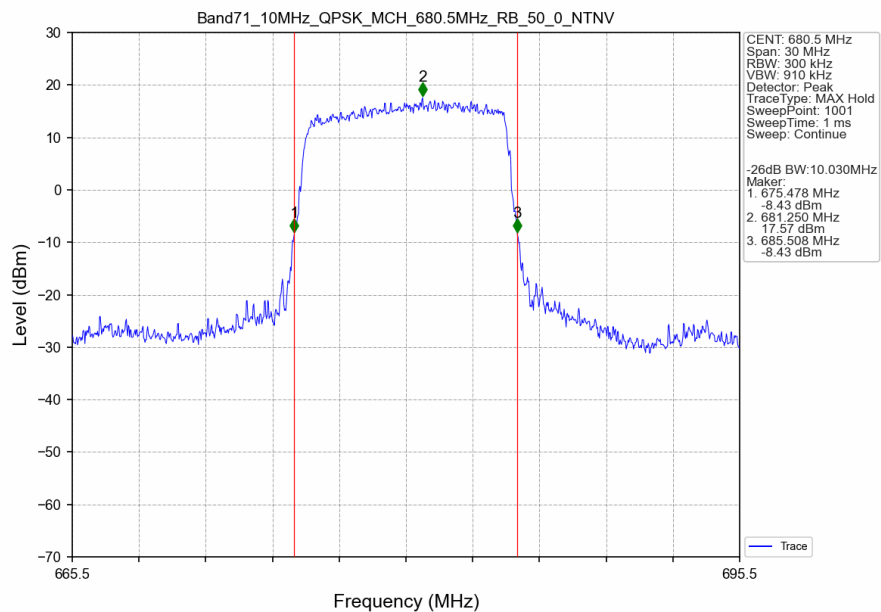
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



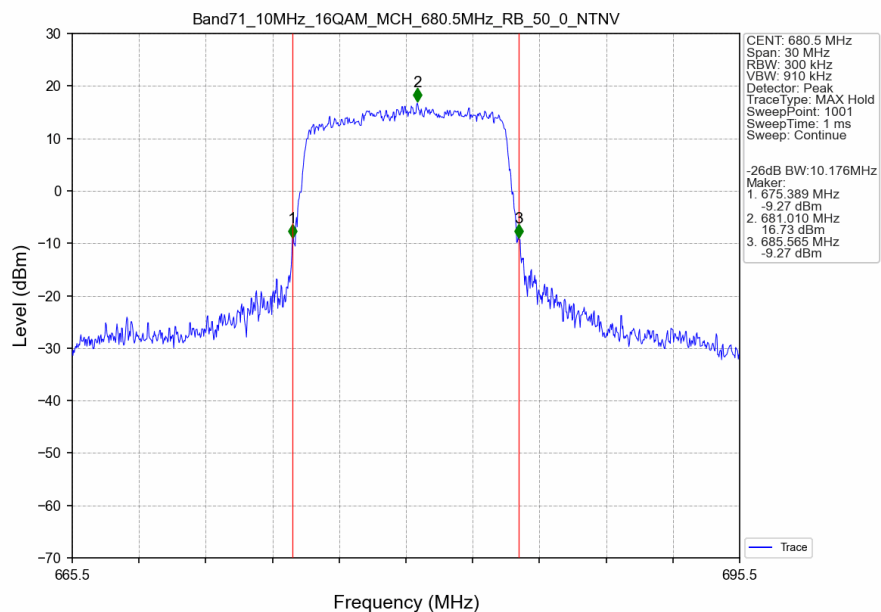
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



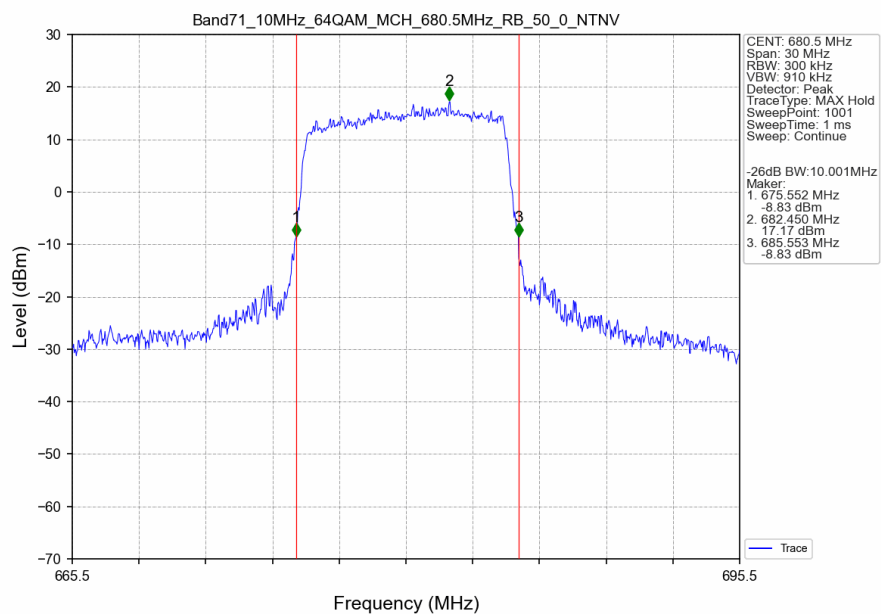
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



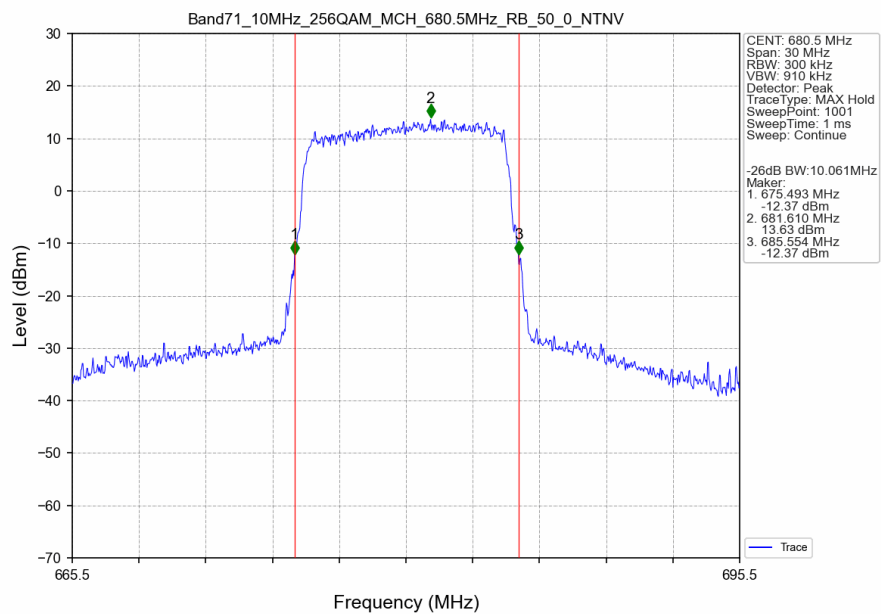
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



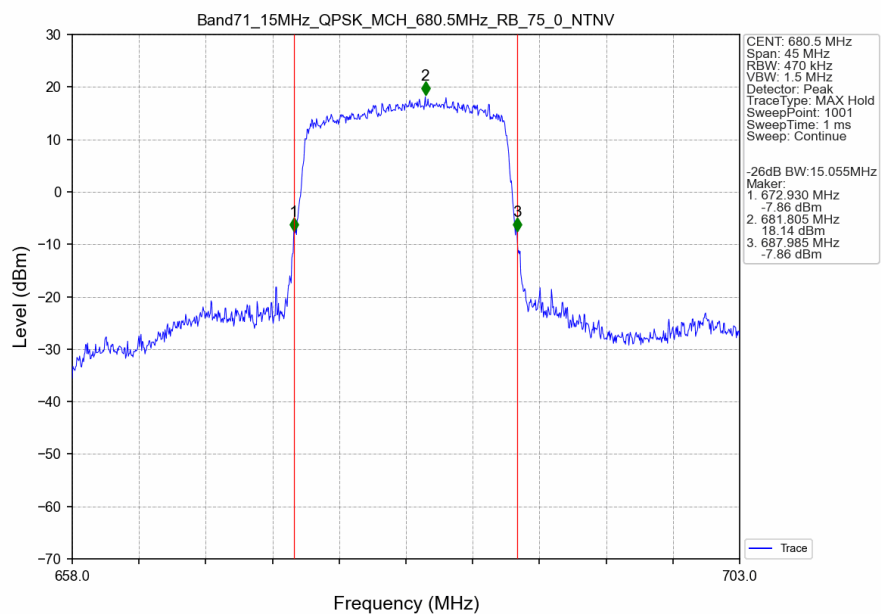
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



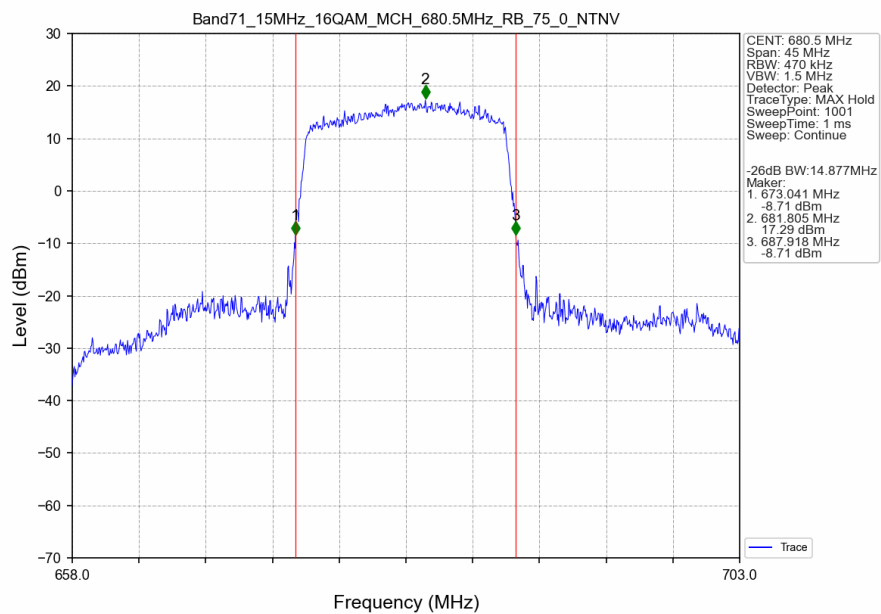
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



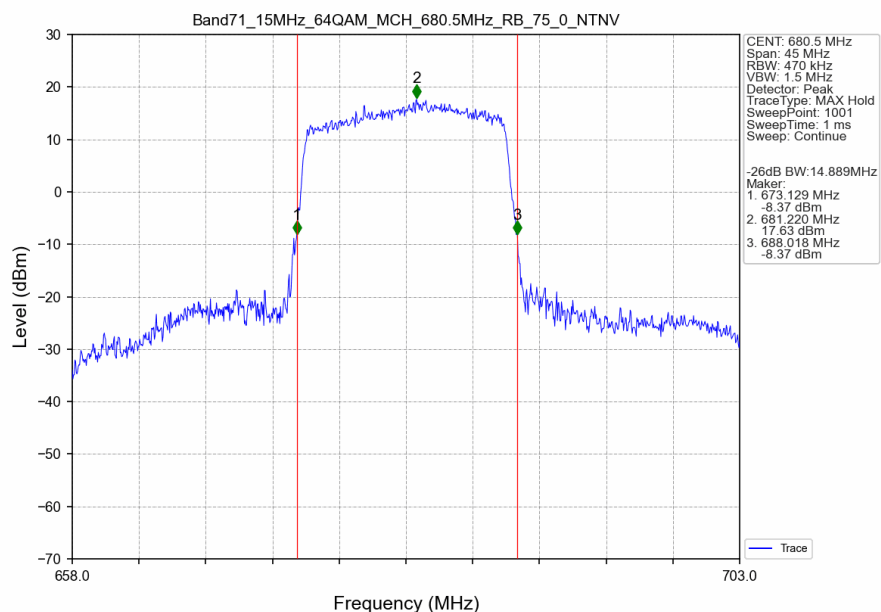
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



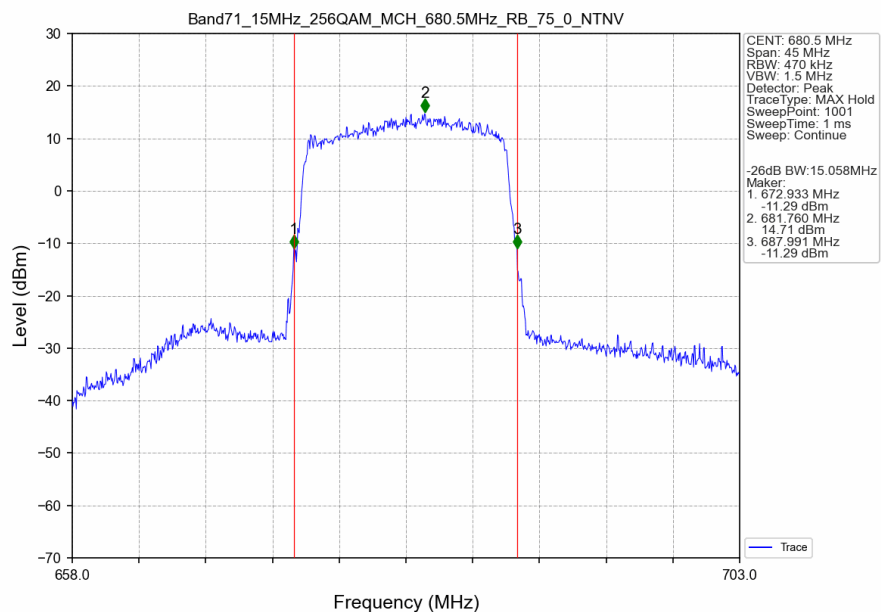
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



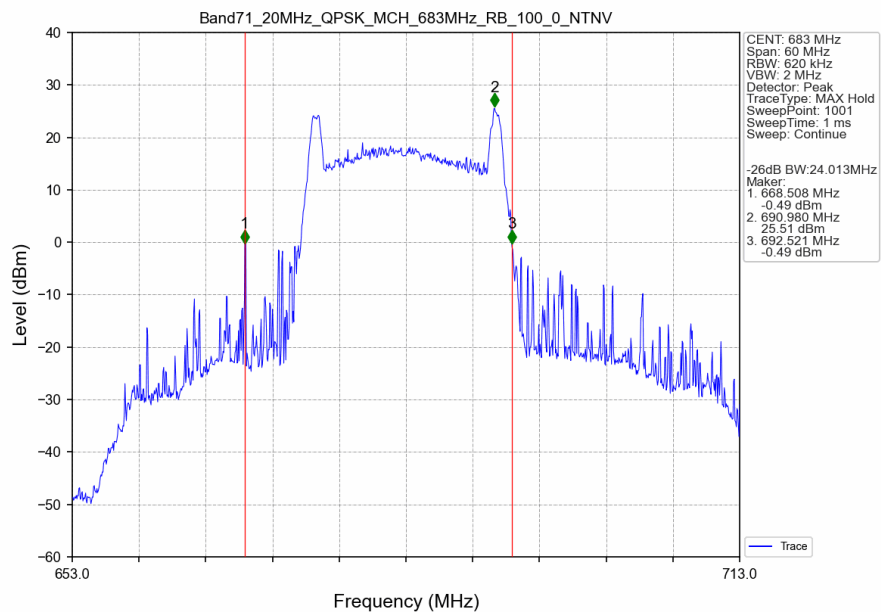
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



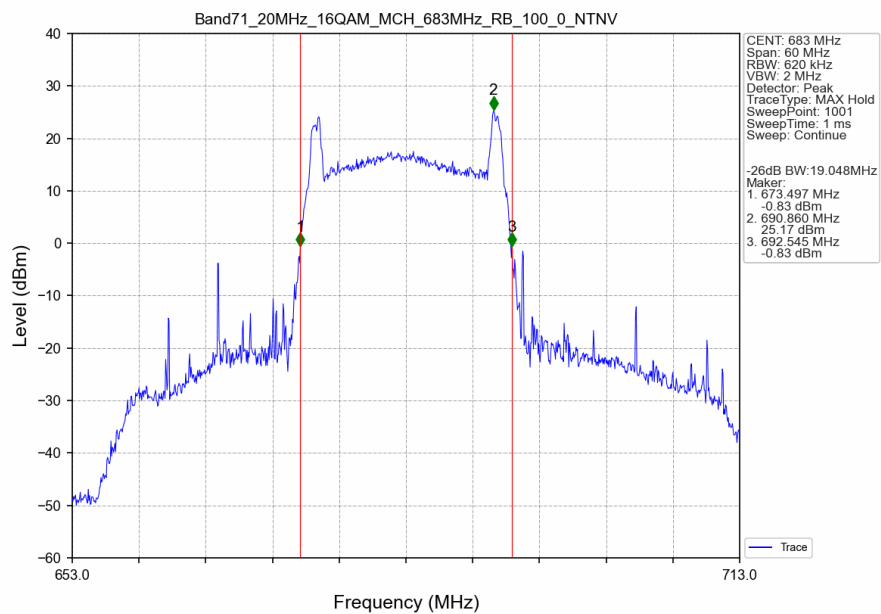
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



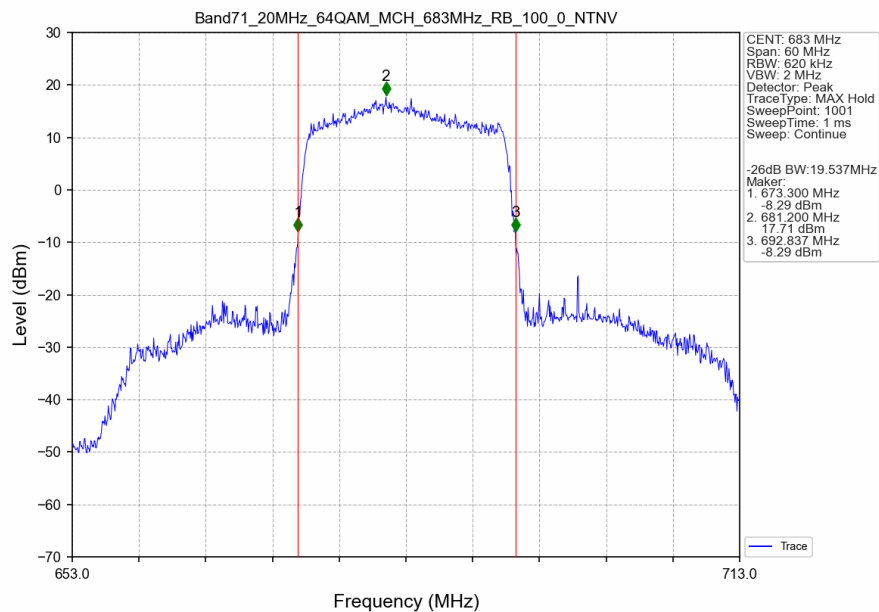
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



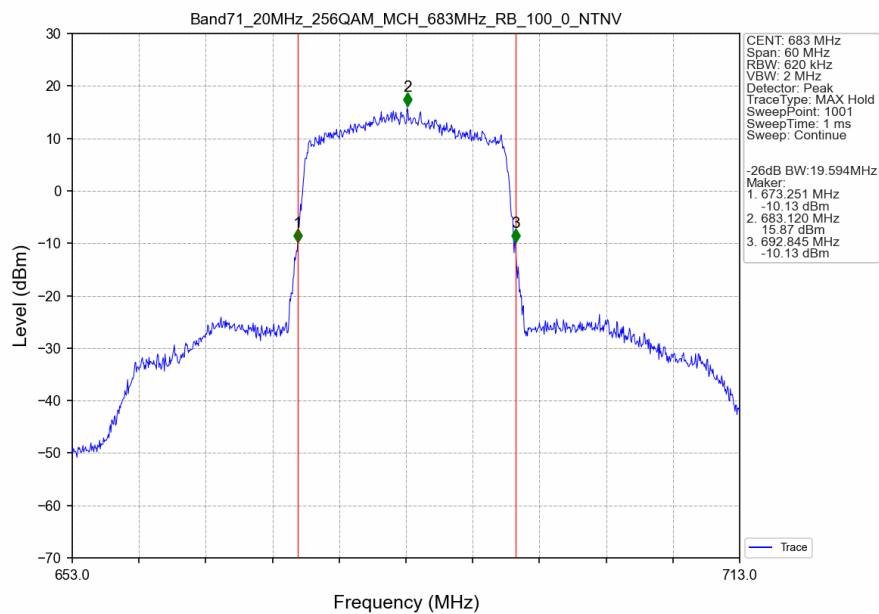
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV





4. Peak-Average Ratio

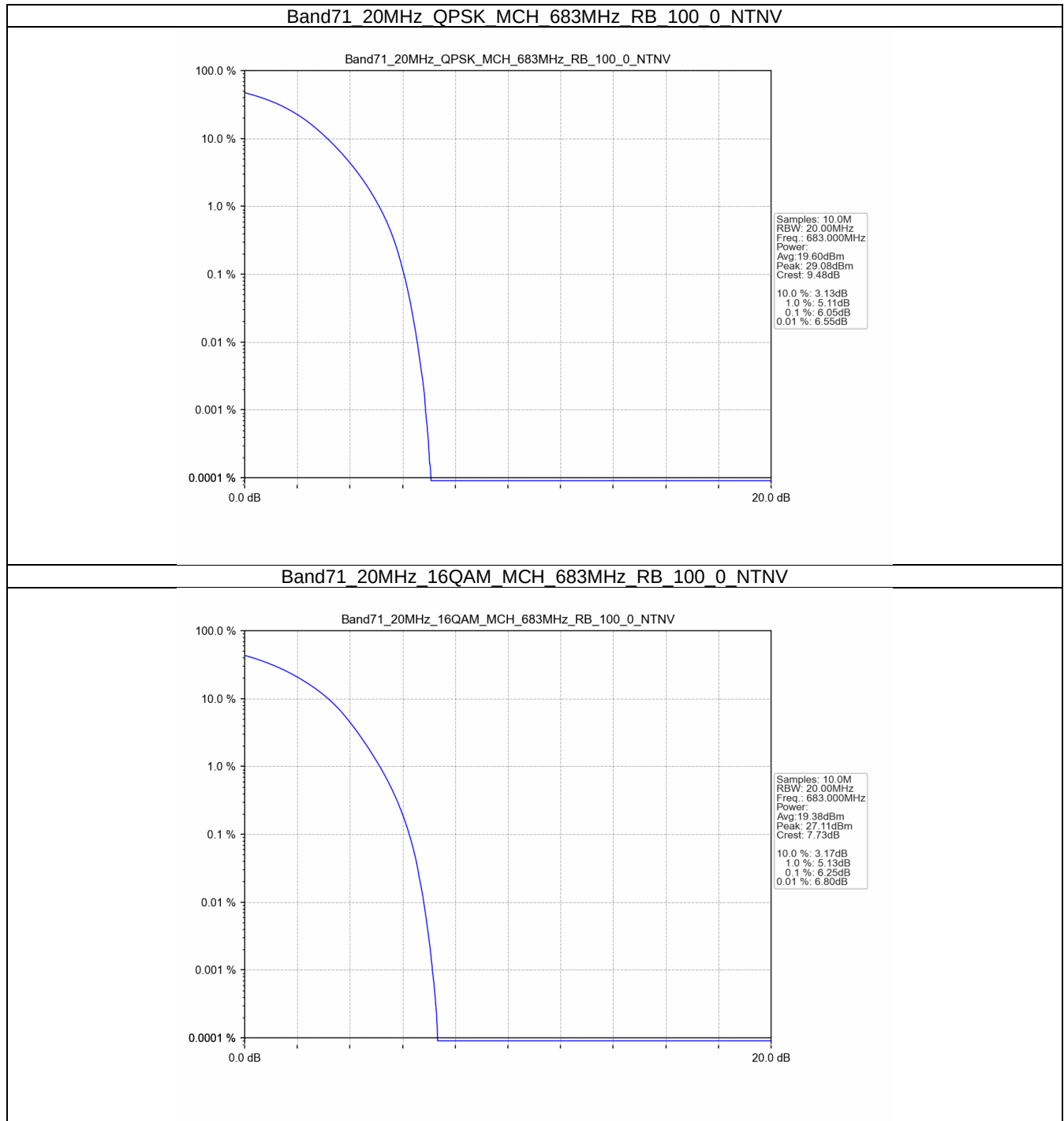
4.1 Test Result

4.1.1 B71_20MHz

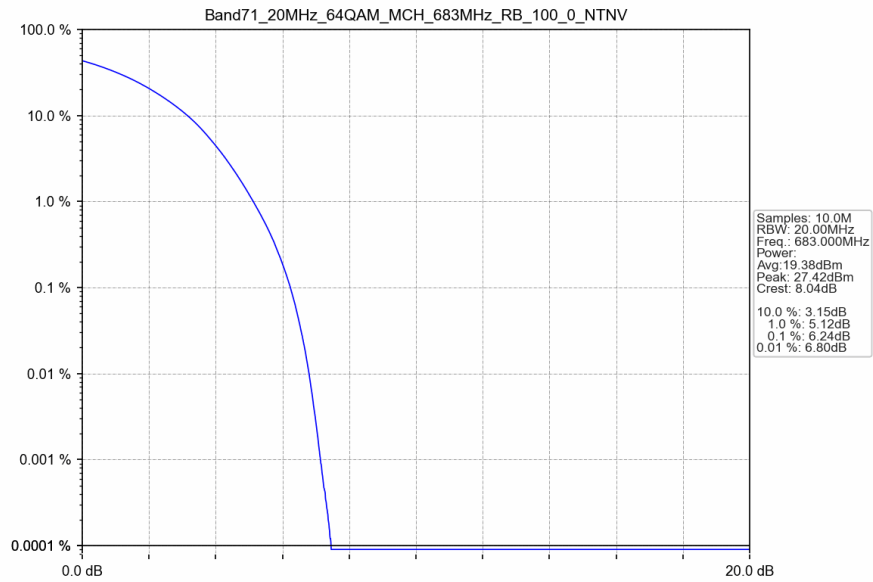
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	6.05	<=13	Pass
16QAM	683	100	0	6.25	<=13	Pass
64QAM	683	100	0	6.24	<=13	Pass
256QAM	683	100	0	6.68	<=13	Pass

4.2 Test Graph

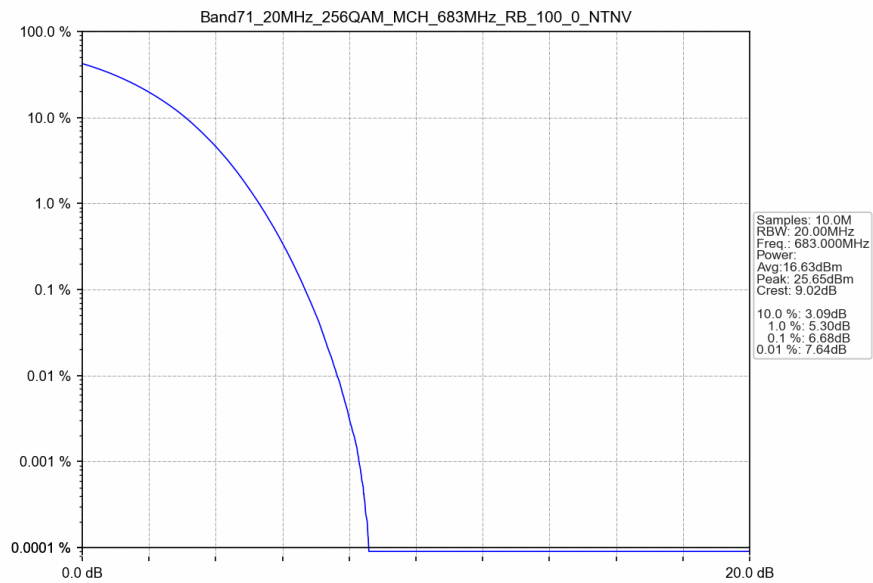
4.2.1 B71_20MHz



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

5.1.2 B71_10MHz

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

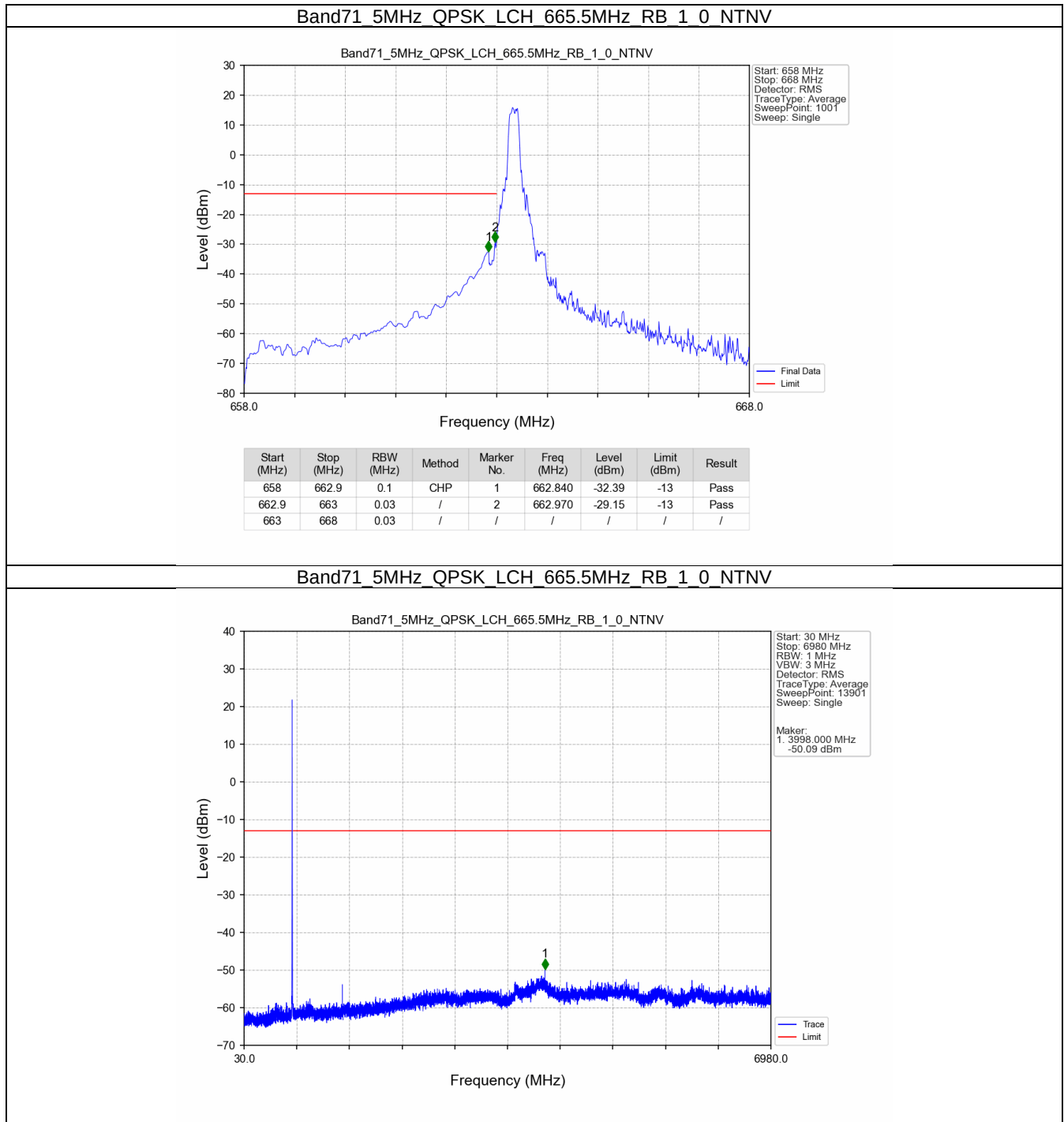
Band: 71 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B71_20MHz

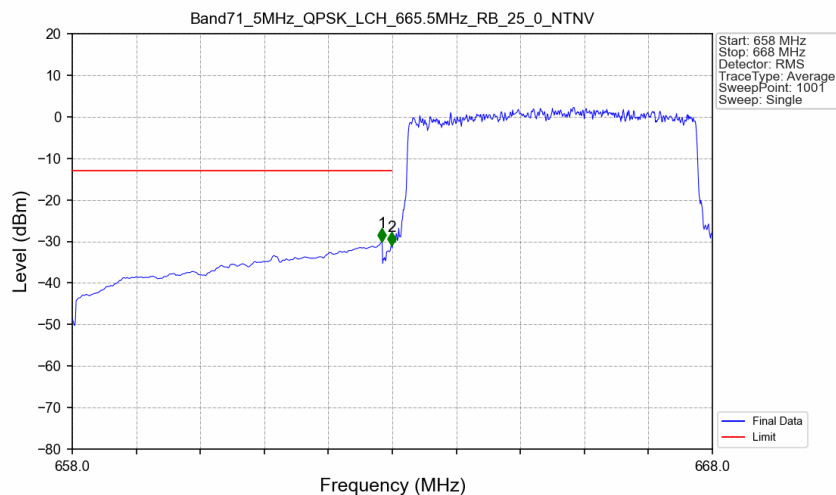
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

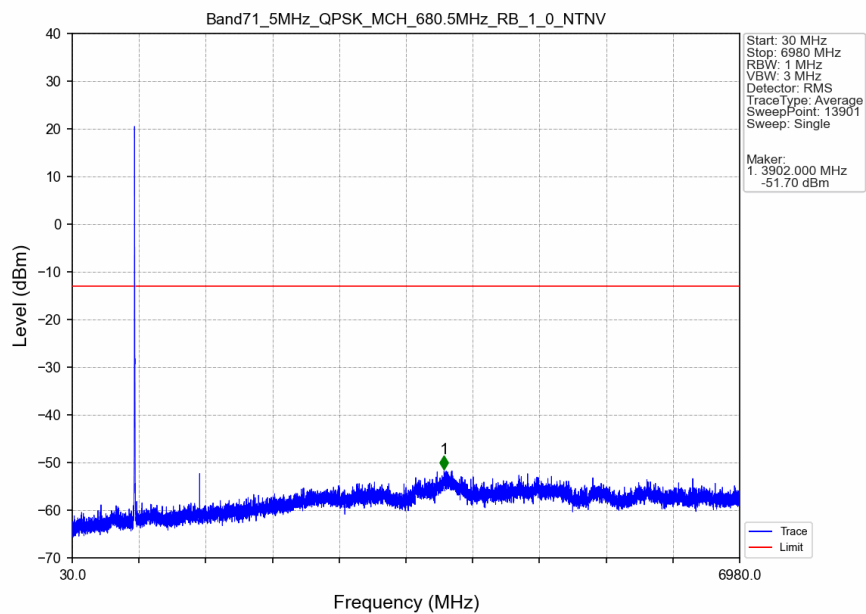
5.2.1 B71_5MHz



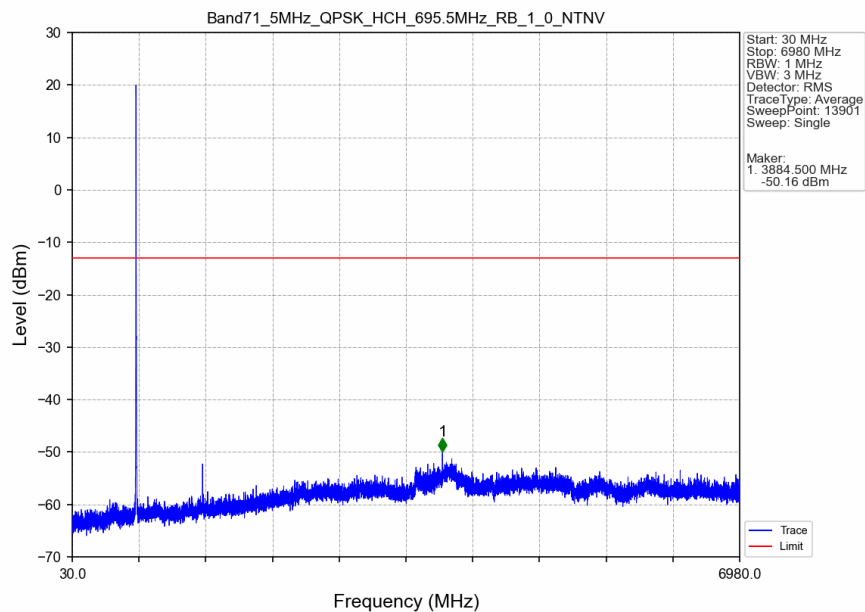
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



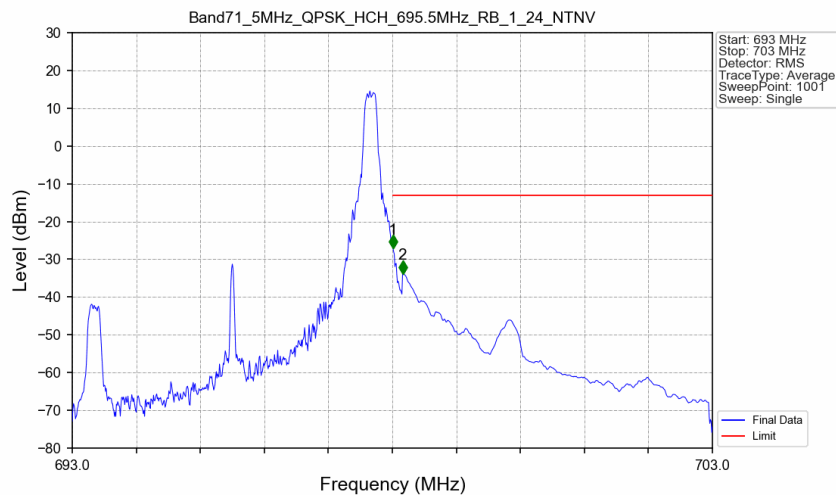
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

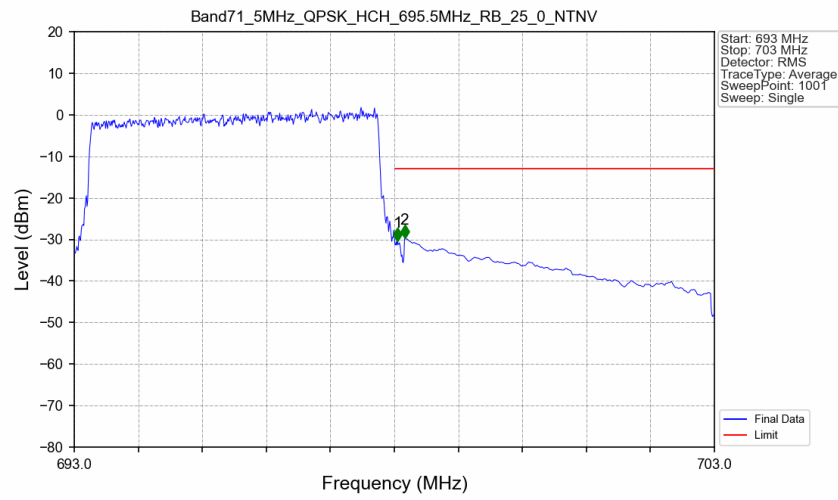


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



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	-27.02	-13	Pass
698.1	703	0.1	CHP	2	698.160	-33.76	-13	Pass

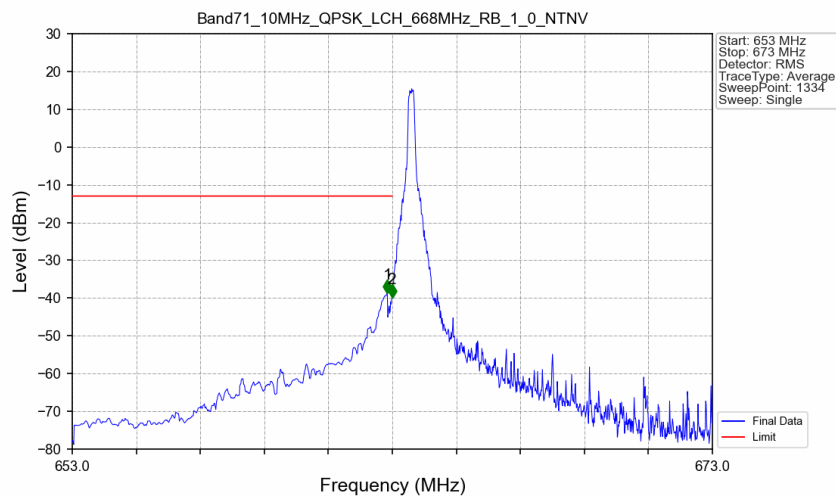
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



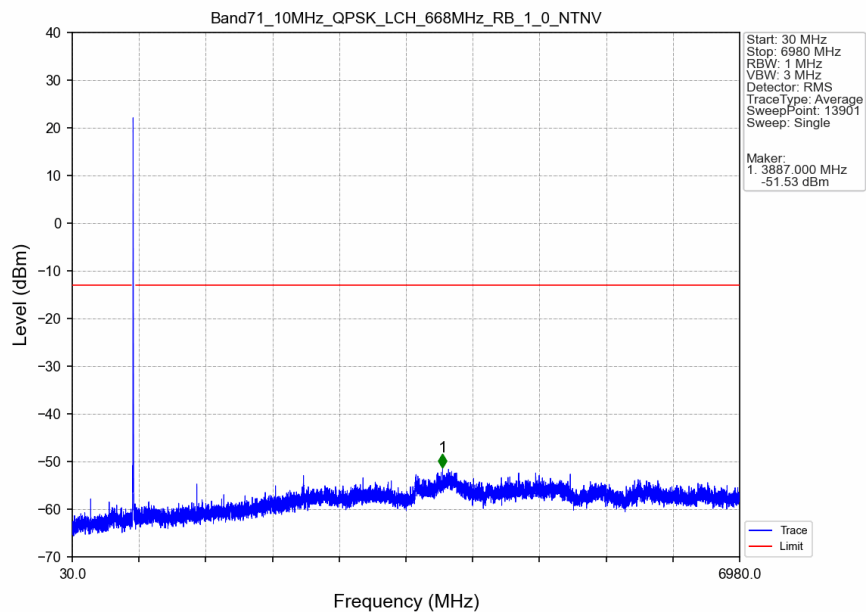
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.050	-30.38	-13	Pass
698.1	703	0.1	CHP	2	698.160	-29.70	-13	Pass

5.2.2 B71_10MHz

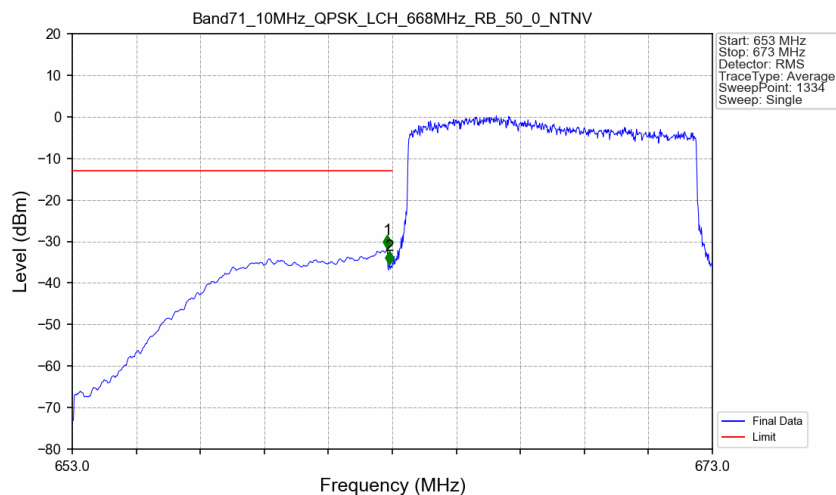
Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

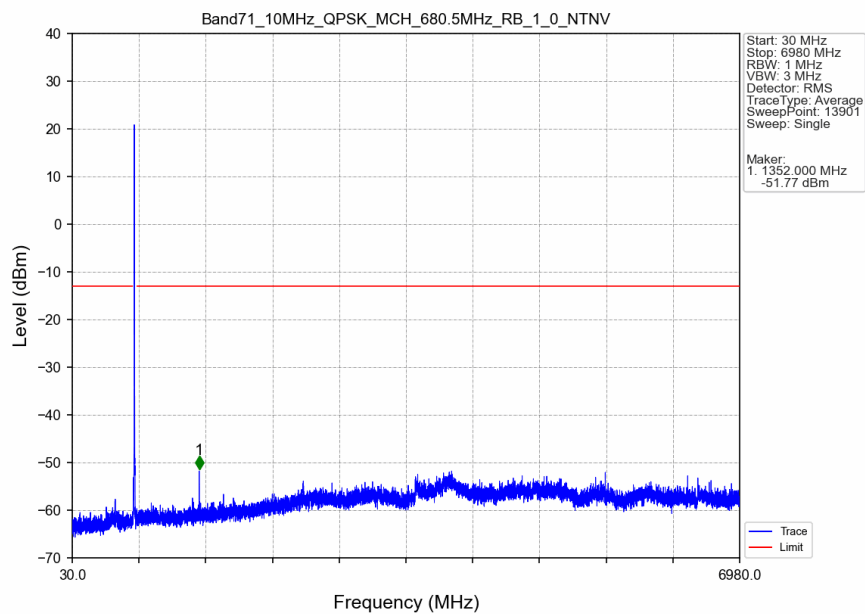


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

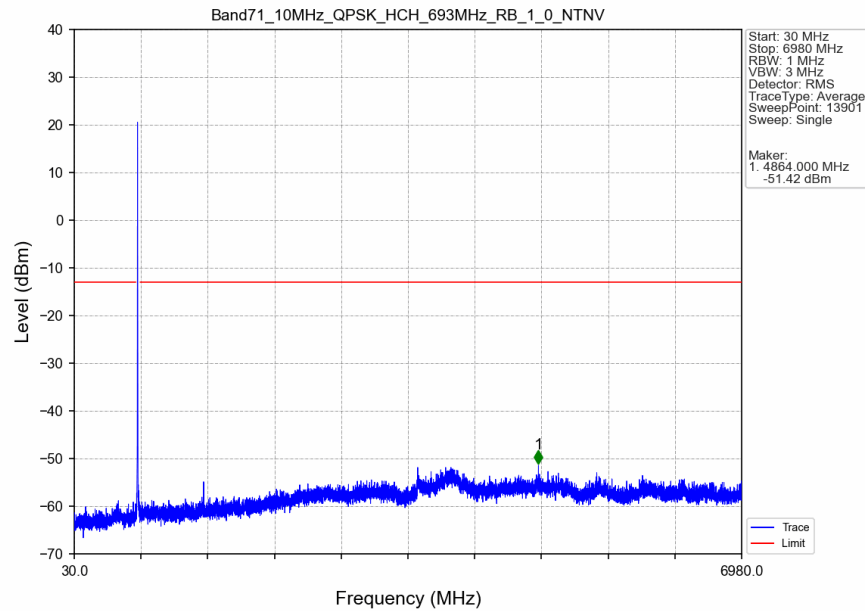


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-31.75	-13	Pass
662.9	663	0.03	/	2	662.902	-35.47	-13	Pass
663	673	0.03	/	/	/	/	/	/

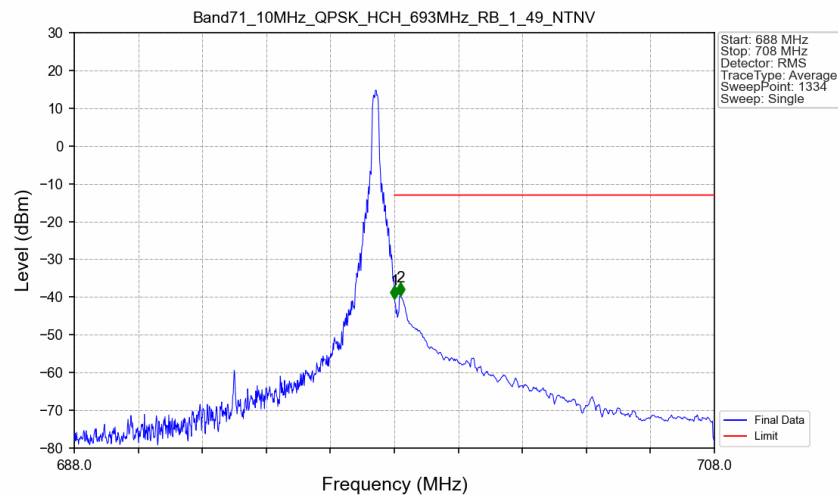
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

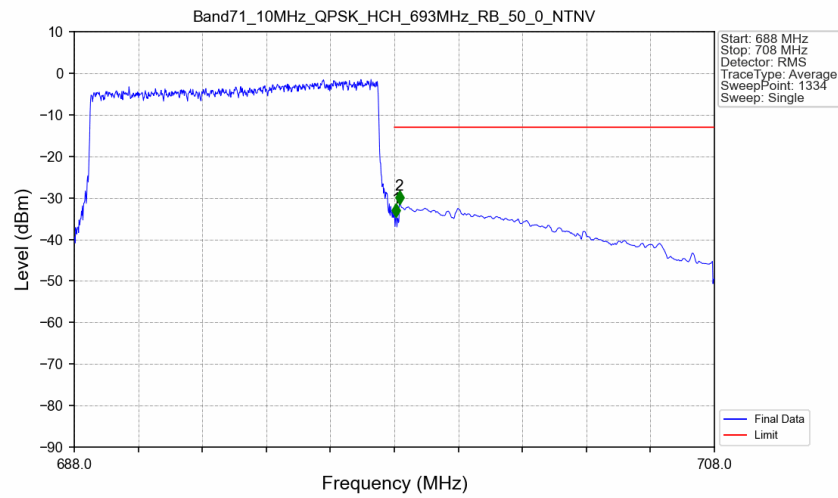


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-40.51	-13	Pass
698.1	708	0.1	CHP	2	698.188	-39.70	-13	Pass

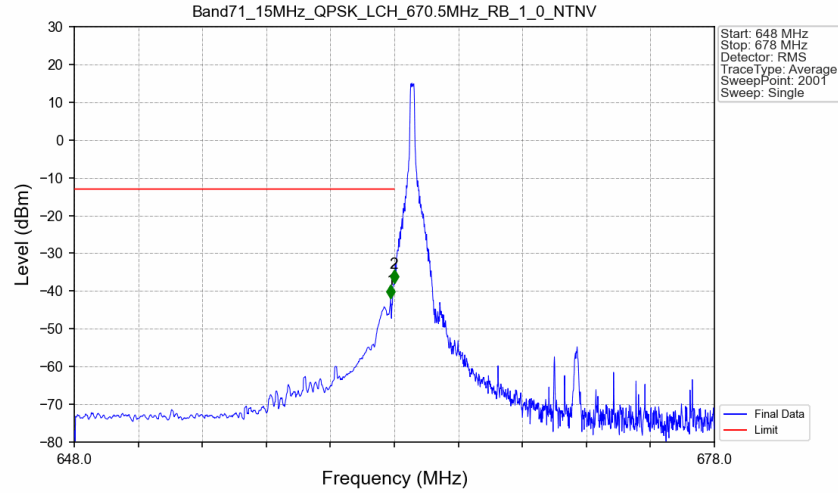
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



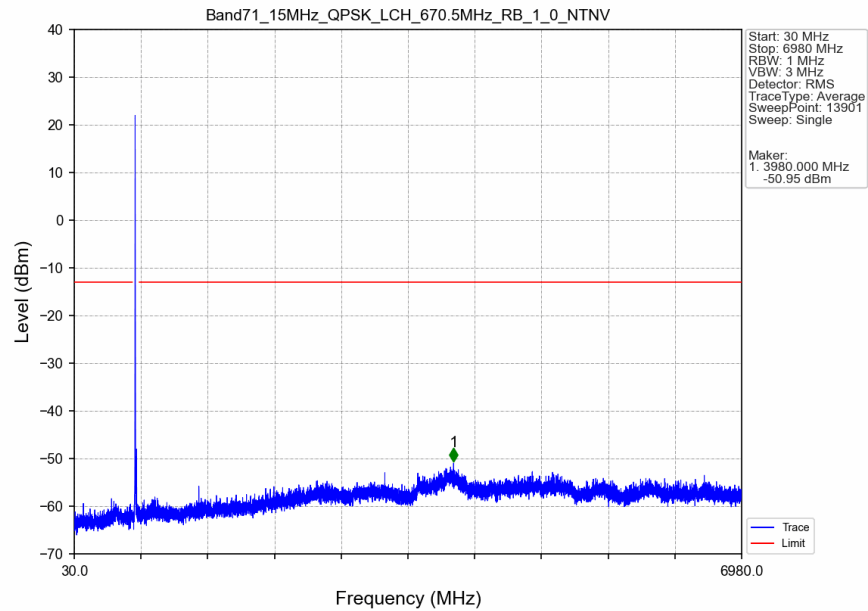
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.053	-34.57	-13	Pass
698.1	708	0.1	CHP	2	698.158	-31.40	-13	Pass

5.2.3 B71_15MHz

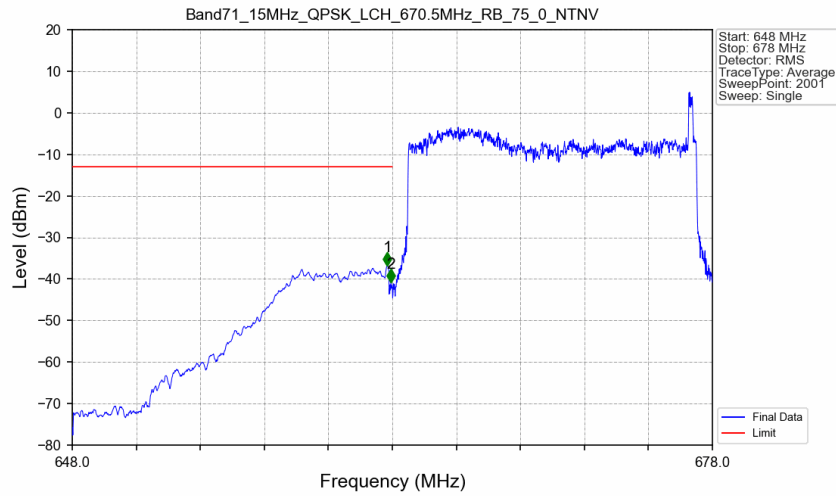
Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV



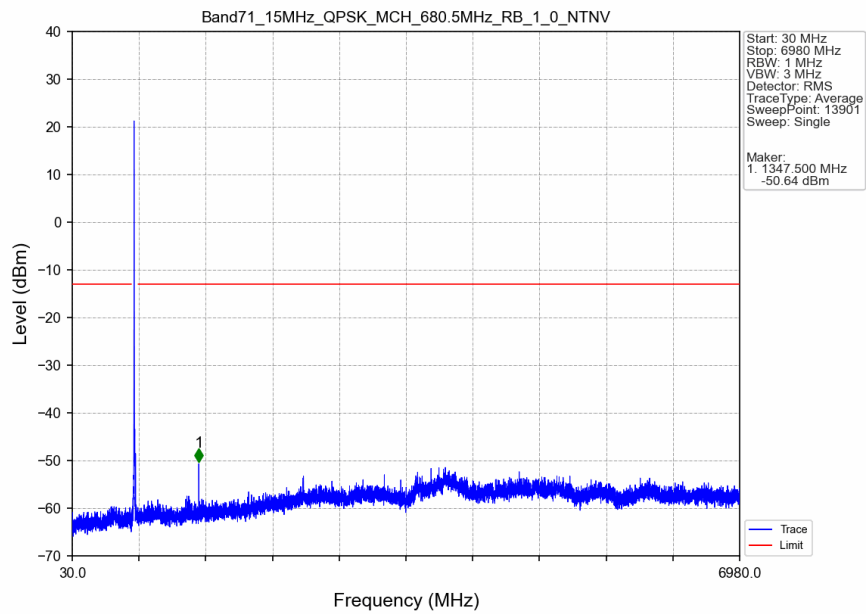
Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV



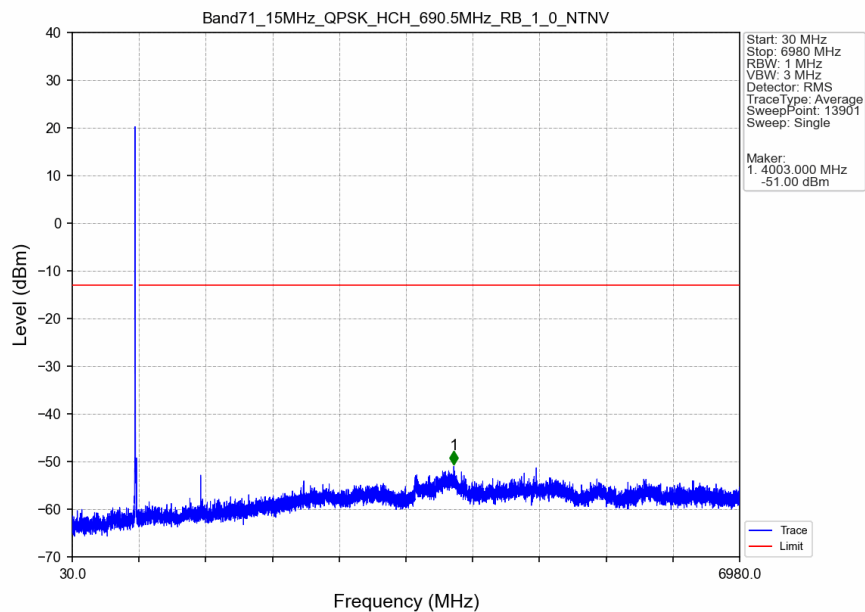
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



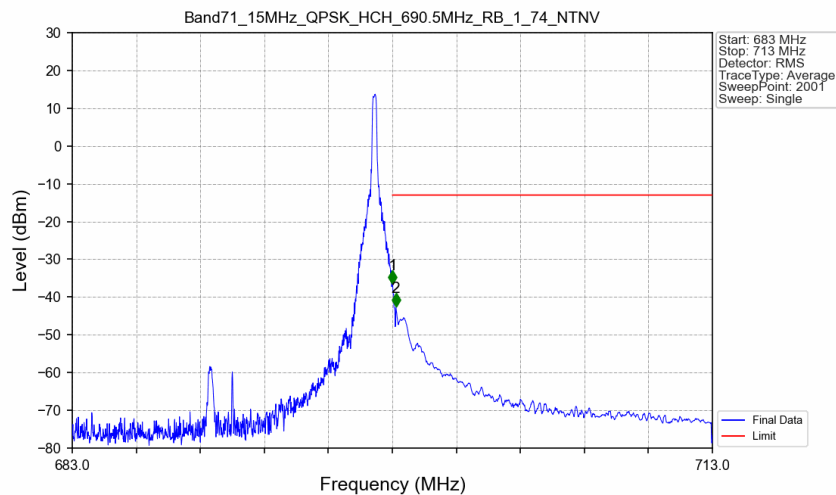
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

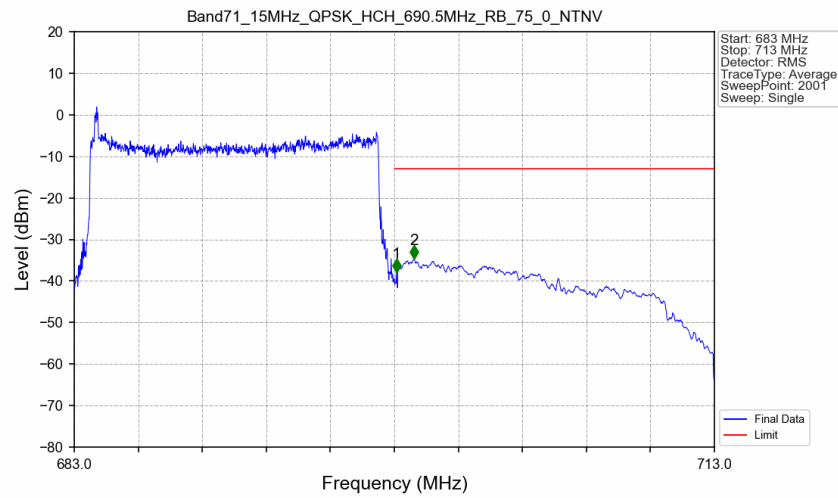


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



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	-36.40	-13	Pass
698.1	713	0.1	CHP	2	698.165	-42.50	-13	Pass

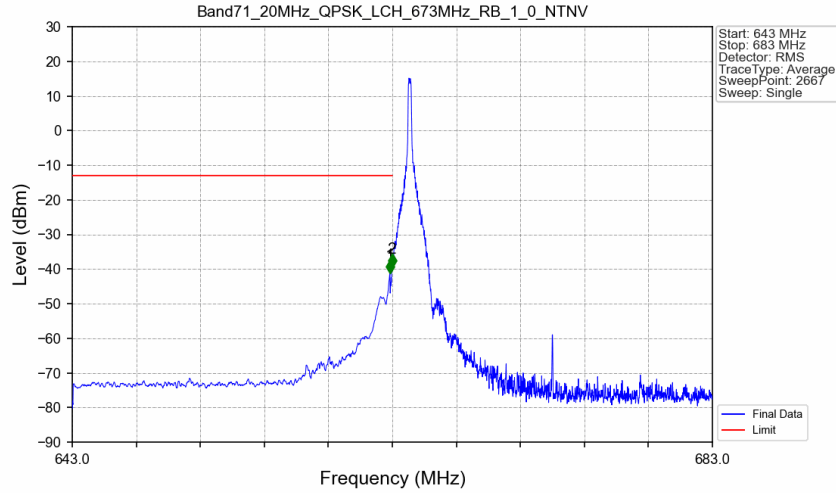
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



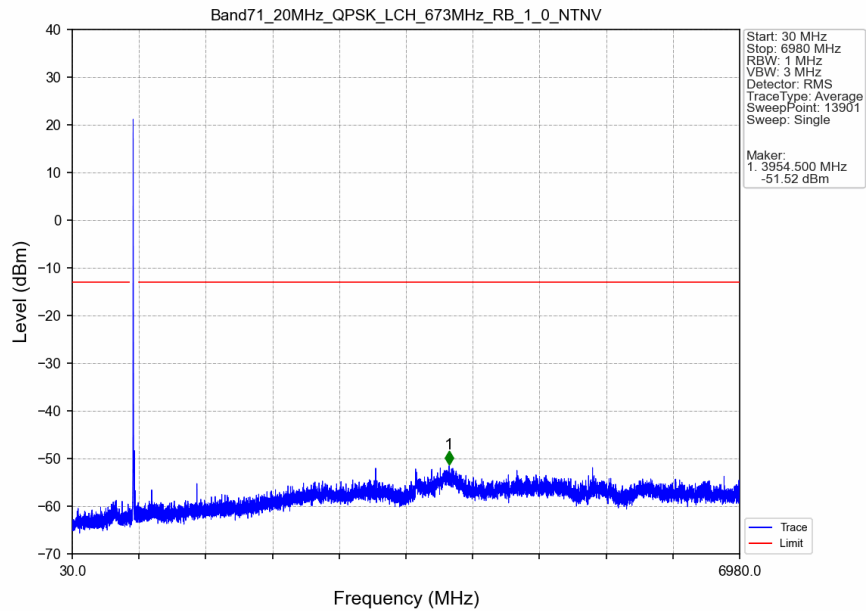
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.090	-37.93	-13	Pass
698.1	713	0.1	CHP	2	698.930	-34.65	-13	Pass

5.2.4 B71_20MHz

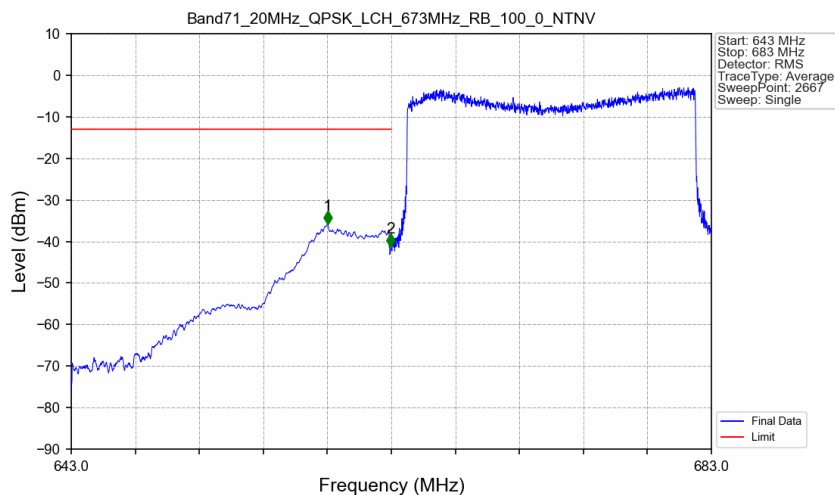
Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV



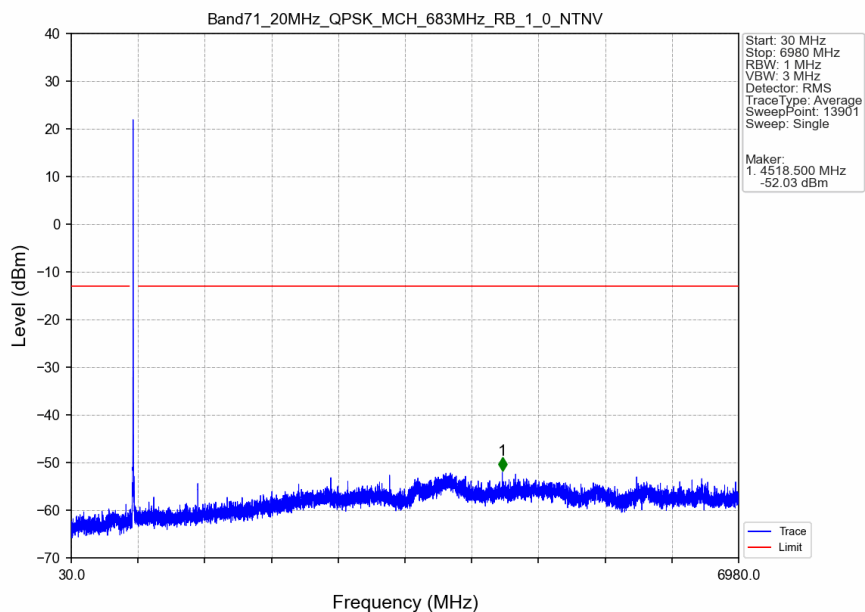
Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV



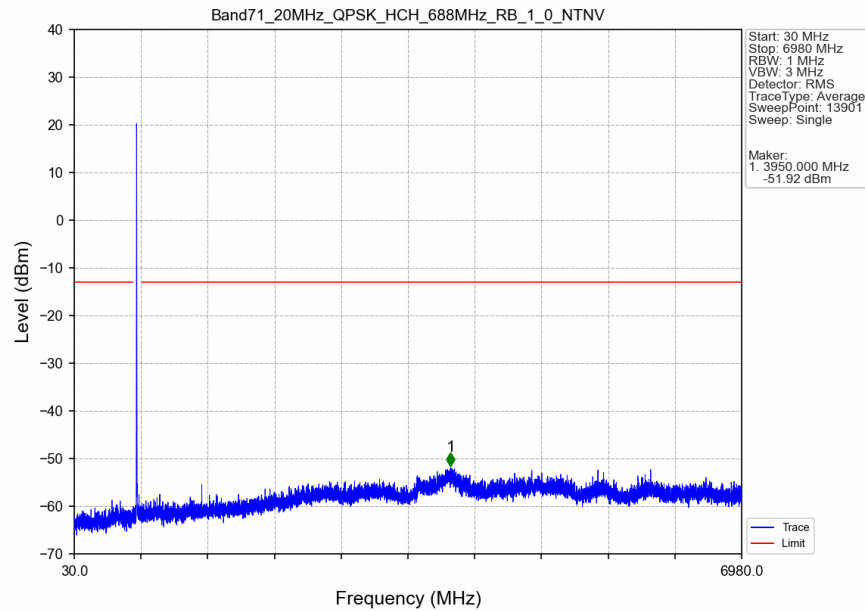
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



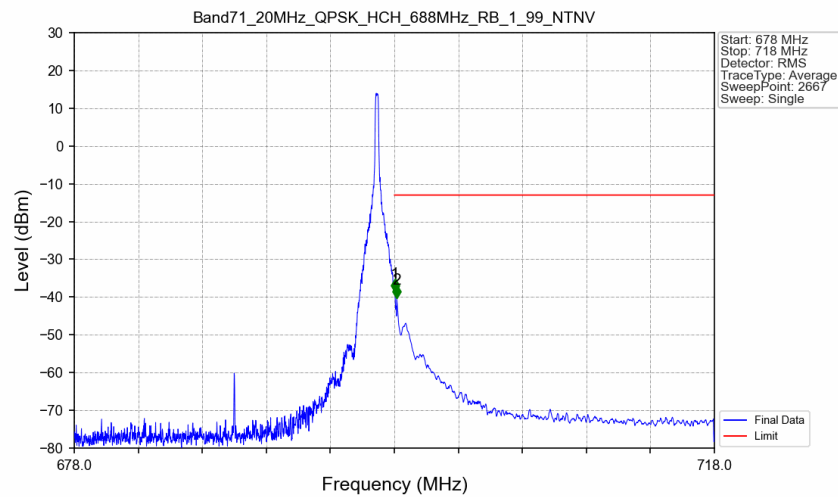
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

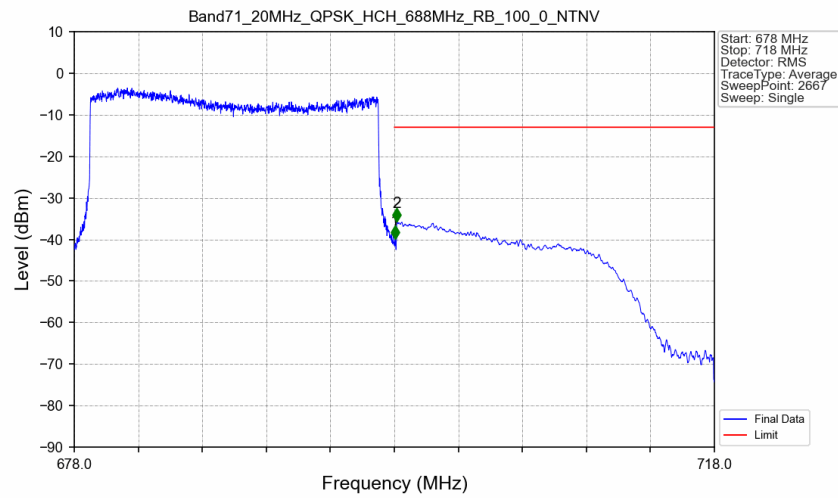


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



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	-38.60	-13	Pass
698.1	718	0.1	CHP	2	698.150	-40.18	-13	Pass

Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTV



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	-39.85	-13	Pass
698.1	718	0.1	CHP	2	698.165	-35.66	-13	Pass