1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B71_5MHz_ERP

Band: 71 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	24.44	-4.55	17.74	<=34.77	Pass
			13	24.36	-4.55	17.66	<=34.77	Pass
			24	24.44	-4.55	17.74	<=34.77	Pass
		12	0	23.29	-4.55	16.59	<=34.77	Pass
			6	23.28	-4.55	16.58	<=34.77	Pass
			13	23.33	-4.55	16.63	<=34.77	Pass
		25	0	23.37	-4.55	16.67	<=34.77	Pass
	680.5	1	0	24.43	-4.55	17.73	<=34.77	Pass
			13	24.34	-4.55	17.64	<=34.77	Pass
			24	24.27	-4.55	17.57	<=34.77	Pass
		12	0	23.32	-4.55	16.62	<=34.77	Pass
			6	23.27	-4.55	16.57	<=34.77	Pass
			13	23.30	-4.55	16.60	<=34.77	Pass
		25	0	23.34	-4.55	16.64	<=34.77	Pass
	695.5	1	0	24.37	-4.55	17.67	<=34.77	Pass
			13	24.30	-4.55	17.60	<=34.77	Pass
			24	24.34	-4.55	17.64	<=34.77	Pass
		12	0	23.26	-4.55	16.56	<=34.77	Pass
			6	23.20	-4.55	16.50	<=34.77	Pass
			13	23.27	-4.55	16.57	<=34.77	Pass
		25	0	23.31	-4.55	16.61	<=34.77	Pass
16QAM	665.5	1	0	23.27	-4.55	16.57	<=34.77	Pass
			13	23.20	-4.55	16.50	<=34.77	Pass
			24	23.30	-4.55	16.60	<=34.77	Pass
		12	0	22.39	-4.55	15.69	<=34.77	Pass
			6	22.35	-4.55	15.65	<=34.77	Pass
			13	22.38	-4.55	15.68	<=34.77	Pass
		25	0	22.40	-4.55	15.70	<=34.77	Pass
	680.5	1	0	23.61	-4.55	16.91	<=34.77	Pass
			13	23.52	-4.55	16.82	<=34.77	Pass
			24	23.52	-4.55	16.82	<=34.77	Pass
		12	0	22.36	-4.55	15.66	<=34.77	Pass
			6	22.31	-4.55	15.61	<=34.77	Pass
			13	22.34	-4.55	15.64	<=34.77	Pass
		25	0	22.31	-4.55	15.61	<=34.77	Pass
	695.5	1	0	23.35	-4.55	16.65	<=34.77	Pass
			13	23.25	-4.55	16.55	<=34.77	Pass
			24	23.32	-4.55	16.62	<=34.77	Pass
		12	0	22.28	-4.55	15.58	<=34.77	Pass
			6	22.23	-4.55	15.53	<=34.77	Pass
			13	22.30	-4.55	15.60	<=34.77	Pass
		25	0	22.30	-4.55	15.60	<=34.77	Pass
64QAM	665.5	1	0	22.28	-4.55	15.58	<=34.77	Pass
			13	22.21	-4.55	15.51	<=34.77	Pass
			24	22.33	-4.55	15.63	<=34.77	Pass
		12	0	21.37	-4.55	14.67	<=34.77	Pass
			6	21.35	-4.55	14.65	<=34.77	Pass
			13	21.39	-4.55	14.69	<=34.77	Pass
		25	0	21.31	-4.55	14.61	<=34.77	Pass

	680.5	1	0	22.71	-4.55	16.01	<=34.77	Pass
			13	22.61	-4.55	15.91	<=34.77	Pass
			24	22.61	-4.55	15.91	<=34.77	Pass
		12	0	21.26	-4.55	14.56	<=34.77	Pass
			6	21.21	-4.55	14.51	<=34.77	Pass
			13	21.23	-4.55	14.53	<=34.77	Pass
		25	0	21.28	-4.55	14.58	<=34.77	Pass
	695.5	1	0	22.51	-4.55	15.81	<=34.77	Pass
			13	22.44	-4.55	15.74	<=34.77	Pass
			24	22.54	-4.55	15.84	<=34.77	Pass
		12	0	21.36	-4.55	14.66	<=34.77	Pass
			6	21.33	-4.55	14.63	<=34.77	Pass
			13	21.35	-4.55	14.65	<=34.77	Pass
		25	0	21.34	-4.55	14.64	<=34.77	Pass
256QAM	665.5	1	0	19.13	-4.55	12.43	<=34.77	Pass
			13	19.04	-4.55	12.34	<=34.77	Pass
			24	19.12	-4.55	12.42	<=34.77	Pass
		12	0	19.34	-4.55	12.64	<=34.77	Pass
			6	19.33	-4.55	12.63	<=34.77	Pass
			13	19.40	-4.55	12.70	<=34.77	Pass
		25	0	19.42	-4.55	12.72	<=34.77	Pass
	680.5	1	0	19.55	-4.55	12.85	<=34.77	Pass
			13	19.45	-4.55	12.75	<=34.77	Pass
			24	19.48	-4.55	12.78	<=34.77	Pass
		12	0	19.35	-4.55	12.65	<=34.77	Pass
			6	19.32	-4.55	12.62	<=34.77	Pass
			13	19.32	-4.55	12.62	<=34.77	Pass
		25	0	19.31	-4.55	12.61	<=34.77	Pass
	695.5	1	0	19.34	-4.55	12.64	<=34.77	Pass
			13	19.25	-4.55	12.55	<=34.77	Pass
			24	19.31	-4.55	12.61	<=34.77	Pass
		12	0	19.30	-4.55	12.60	<=34.77	Pass
			6	19.25	-4.55	12.55	<=34.77	Pass
			13	19.30	-4.55	12.60	<=34.77	Pass
		25	0	19.34	-4.55	12.64	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	24.58	-4.55	17.88	<=34.77	Pass
			25	24.36	-4.55	17.66	<=34.77	Pass
			49	24.43	-4.55	17.73	<=34.77	Pass
		25	0	23.36	-4.55	16.66	<=34.77	Pass
			13	23.39	-4.55	16.69	<=34.77	Pass
			25	23.38	-4.55	16.68	<=34.77	Pass
		50	0	23.40	-4.55	16.70	<=34.77	Pass
	680.5	1	0	24.42	-4.55	17.72	<=34.77	Pass
			25	24.23	-4.55	17.53	<=34.77	Pass
			49	24.28	-4.55	17.58	<=34.77	Pass
		25	0	23.32	-4.55	16.62	<=34.77	Pass
			13	23.30	-4.55	16.60	<=34.77	Pass
			25	23.31	-4.55	16.61	<=34.77	Pass
		50	0	23.33	-4.55	16.63	<=34.77	Pass
	693	1	0	24.33	-4.55	17.63	<=34.77	Pass

			25	24.23	-4.55	17.53	<=34.77	Pass
			49	24.30	-4.55	17.60	<=34.77	Pass
		25	0	23.36	-4.55	16.66	<=34.77	Pass
			13	23.30	-4.55	16.60	<=34.77	Pass
			25	23.31	-4.55	16.61	<=34.77	Pass
		50	0	23.33	-4.55	16.63	<=34.77	Pass
16QAM	668	1	0	23.82	-4.55	17.12	<=34.77	Pass
			25	23.81	-4.55	17.11	<=34.77	Pass
			49	23.94	-4.55	17.24	<=34.77	Pass
		25	0	22.41	-4.55	15.71	<=34.77	Pass
			13	22.42	-4.55	15.72	<=34.77	Pass
			25	22.39	-4.55	15.69	<=34.77	Pass
		50	0	22.40	-4.55	15.70	<=34.77	Pass
	680.5	1	0	23.64	-4.55	16.94	<=34.77	Pass
			25	23.46	-4.55	16.76	<=34.77	Pass
			49	23.47	-4.55	16.77	<=34.77	Pass
		25	0	22.34	-4.55	15.64	<=34.77	Pass
			13	22.31	-4.55	15.61	<=34.77	Pass
			25	22.34	-4.55	15.64	<=34.77	Pass
		50	0	22.31	-4.55	15.61	<=34.77	Pass
	693	1	0	23.35	-4.55	16.65	<=34.77	Pass
			25	23.24	-4.55	16.54	<=34.77	Pass
			49	23.34	-4.55	16.64	<=34.77	Pass
		25	0	22.40	-4.55	15.70	<=34.77	Pass
			13	22.36	-4.55	15.66	<=34.77	Pass
			25	22.38	-4.55	15.68	<=34.77	Pass
		50	0	22.35	-4.55	15.65	<=34.77	Pass
64QAM	668	1	0	22.84	-4.55	16.14	<=34.77	Pass
			25	22.64	-4.55	15.94	<=34.77	Pass
			49	22.68	-4.55	15.98	<=34.77	Pass
		25	0	21.37	-4.55	14.67	<=34.77	Pass
			13	21.41	-4.55	14.71	<=34.77	Pass
			25	21.37	-4.55	14.67	<=34.77	Pass
		50	0	21.39	-4.55	14.69	<=34.77	Pass
	680.5	1	0	22.68	-4.55	15.98	<=34.77	Pass
			25	22.48	-4.55	15.78	<=34.77	Pass
			49	22.52	-4.55	15.82	<=34.77	Pass
		25	0	21.41	-4.55	14.71	<=34.77	Pass
			13	21.36	-4.55	14.66	<=34.77	Pass
			25	21.38	-4.55	14.68	<=34.77	Pass
		50	0	21.34	-4.55	14.64	<=34.77	Pass
	693	1	0	22.50	-4.55	15.80	<=34.77	Pass
			25	22.40	-4.55	15.70	<=34.77	Pass
			49	22.48	-4.55	15.78	<=34.77	Pass
		25	0	21.40	-4.55	14.70	<=34.77	Pass
			13	21.35	-4.55	14.65	<=34.77	Pass
			25	21.34	-4.55	14.64	<=34.77	Pass
		50	0	21.32	-4.55	14.62	<=34.77	Pass
256QAM	668	1	0	19.86	-4.55	13.16	<=34.77	Pass
			25	19.74	-4.55	13.04	<=34.77	Pass
			49	19.83	-4.55	13.13	<=34.77	Pass
		25	0	19.41	-4.55	12.71	<=34.77	Pass
			13	19.41	-4.55	12.71	<=34.77	Pass
			25	19.38	-4.55	12.68	<=34.77	Pass
		50	0	19.38	-4.55	12.68	<=34.77	Pass
	680.5	1	0	19.27	-4.55	12.57	<=34.77	Pass
			25	19.10	-4.55	12.40	<=34.77	Pass
			49	19.15	-4.55	12.45	<=34.77	Pass
		25	0	19.39	-4.55	12.69	<=34.77	Pass

			13	19.36	-4.55	12.66	<=34.77	Pass
			25	19.38	-4.55	12.68	<=34.77	Pass
		50	0	19.34	-4.55	12.64	<=34.77	Pass
	693	1	0	19.44	-4.55	12.74	<=34.77	Pass
			25	19.32	-4.55	12.62	<=34.77	Pass
			49	19.41	-4.55	12.71	<=34.77	Pass
		25	0	19.40	-4.55	12.70	<=34.77	Pass
			13	19.37	-4.55	12.67	<=34.77	Pass
			25	19.34	-4.55	12.64	<=34.77	Pass
		50	0	19.36	-4.55	12.66	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	24.54	-4.55	17.84	<=34.77	Pass
			38	24.33	-4.55	17.63	<=34.77	Pass
			74	24.41	-4.55	17.71	<=34.77	Pass
		36	0	23.35	-4.55	16.65	<=34.77	Pass
			18	23.34	-4.55	16.64	<=34.77	Pass
			39	23.37	-4.55	16.67	<=34.77	Pass
		75	0	23.36	-4.55	16.66	<=34.77	Pass
	680.5	1	0	24.39	-4.55	17.69	<=34.77	Pass
			38	24.28	-4.55	17.58	<=34.77	Pass
			74	24.24	-4.55	17.54	<=34.77	Pass
		36	0	23.32	-4.55	16.62	<=34.77	Pass
			18	23.29	-4.55	16.59	<=34.77	Pass
			39	23.26	-4.55	16.56	<=34.77	Pass
		75	0	23.26	-4.55	16.56	<=34.77	Pass
	690.5	1	0	24.29	-4.55	17.59	<=34.77	Pass
			38	24.24	-4.55	17.54	<=34.77	Pass
			74	24.27	-4.55	17.57	<=34.77	Pass
		36	0	23.27	-4.55	16.57	<=34.77	Pass
			18	23.25	-4.55	16.55	<=34.77	Pass
			39	23.23	-4.55	16.53	<=34.77	Pass
		75	0	23.29	-4.55	16.59	<=34.77	Pass
16QAM	670.5	1	0	23.96	-4.55	17.26	<=34.77	Pass
			38	23.86	-4.55	17.16	<=34.77	Pass
			74	23.93	-4.55	17.23	<=34.77	Pass
		36	0	22.39	-4.55	15.69	<=34.77	Pass
			18	22.37	-4.55	15.67	<=34.77	Pass
			39	22.42	-4.55	15.72	<=34.77	Pass
		75	0	22.40	-4.55	15.70	<=34.77	Pass
	680.5	1	0	23.66	-4.55	16.96	<=34.77	Pass
			38	23.58	-4.55	16.88	<=34.77	Pass
			74	23.51	-4.55	16.81	<=34.77	Pass
		36	0	22.34	-4.55	15.64	<=34.77	Pass
			18	22.31	-4.55	15.61	<=34.77	Pass
			39	22.27	-4.55	15.57	<=34.77	Pass
		75	0	22.34	-4.55	15.64	<=34.77	Pass
	690.5	1	0	23.63	-4.55	16.93	<=34.77	Pass
			38	23.55	-4.55	16.85	<=34.77	Pass
			74	23.58	-4.55	16.88	<=34.77	Pass
		36	0	22.28	-4.55	15.58	<=34.77	Pass
			18	22.26	-4.55	15.56	<=34.77	Pass

			39	22.24	-4.55	15.54	<=34.77	Pass
		75	0	22.29	-4.55	15.59	<=34.77	Pass
64QAM	670.5	1	0	22.80	-4.55	16.10	<=34.77	Pass
			38	22.60	-4.55	15.90	<=34.77	Pass
			74	22.67	-4.55	15.97	<=34.77	Pass
		36	0	21.39	-4.55	14.69	<=34.77	Pass
			18	21.36	-4.55	14.66	<=34.77	Pass
			39	21.39	-4.55	14.69	<=34.77	Pass
		75	0	21.40	-4.55	14.70	<=34.77	Pass
	680.5	1	0	22.62	-4.55	15.92	<=34.77	Pass
			38	22.51	-4.55	15.81	<=34.77	Pass
			74	22.45	-4.55	15.75	<=34.77	Pass
		36	0	21.40	-4.55	14.70	<=34.77	Pass
			18	21.35	-4.55	14.65	<=34.77	Pass
			39	21.31	-4.55	14.61	<=34.77	Pass
		75	0	21.34	-4.55	14.64	<=34.77	Pass
	690.5	1	0	22.82	-4.55	16.12	<=34.77	Pass
			38	22.72	-4.55	16.02	<=34.77	Pass
			74	22.76	-4.55	16.06	<=34.77	Pass
		36	0	21.31	-4.55	14.61	<=34.77	Pass
			18	21.30	-4.55	14.60	<=34.77	Pass
			39	21.27	-4.55	14.57	<=34.77	Pass
		75	0	21.34	-4.55	14.64	<=34.77	Pass
256QAM	670.5	1	0	19.83	-4.55	13.13	<=34.77	Pass
			38	19.75	-4.55	13.05	<=34.77	Pass
			74	19.79	-4.55	13.09	<=34.77	Pass
		36	0	19.40	-4.55	12.70	<=34.77	Pass
			18	19.38	-4.55	12.68	<=34.77	Pass
			39	19.42	-4.55	12.72	<=34.77	Pass
		75	0	19.42	-4.55	12.72	<=34.77	Pass
	680.5	1	0	19.24	-4.55	12.54	<=34.77	Pass
			38	19.14	-4.55	12.44	<=34.77	Pass
			74	19.11	-4.55	12.41	<=34.77	Pass
		36	0	19.35	-4.55	12.65	<=34.77	Pass
			18	19.30	-4.55	12.60	<=34.77	Pass
			39	19.26	-4.55	12.56	<=34.77	Pass
		75	0	19.32	-4.55	12.62	<=34.77	Pass
	690.5	1	0	19.60	-4.55	12.90	<=34.77	Pass
			38	19.48	-4.55	12.78	<=34.77	Pass
			74	19.54	-4.55	12.84	<=34.77	Pass
		36	0	19.27	-4.55	12.57	<=34.77	Pass
			18	19.28	-4.55	12.58	<=34.77	Pass
			39	19.24	-4.55	12.54	<=34.77	Pass
		75	0	19.31	-4.55	12.61	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	24.39	-4.55	17.69	<=34.77	Pass
			50	24.36	-4.55	17.66	<=34.77	Pass
			99	24.36	-4.55	17.66	<=34.77	Pass
		50	0	23.43	-4.55	16.73	<=34.77	Pass
			25	23.41	-4.55	16.71	<=34.77	Pass
			50	23.46	-4.55	16.76	<=34.77	Pass

		100	0	23.43	-4.55	16.73	<=34.77	Pass
	683	1	0	24.43	-4.55	17.73	<=34.77	Pass
			50	24.30	-4.55	17.60	<=34.77	Pass
			99	24.25	-4.55	17.55	<=34.77	Pass
		50	0	23.33	-4.55	16.63	<=34.77	Pass
			25	23.33	-4.55	16.63	<=34.77	Pass
			50	23.29	-4.55	16.59	<=34.77	Pass
		100	0	23.32	-4.55	16.62	<=34.77	Pass
	688	1	0	24.37	-4.55	17.67	<=34.77	Pass
			50	24.25	-4.55	17.55	<=34.77	Pass
			99	24.21	-4.55	17.51	<=34.77	Pass
		50	0	23.33	-4.55	16.63	<=34.77	Pass
			25	23.30	-4.55	16.60	<=34.77	Pass
			50	23.28	-4.55	16.58	<=34.77	Pass
		100	0	23.30	-4.55	16.60	<=34.77	Pass
16QAM	673	1	0	23.63	-4.55	16.93	<=34.77	Pass
			50	23.66	-4.55	16.96	<=34.77	Pass
			99	23.51	-4.55	16.81	<=34.77	Pass
		50	0	22.42	-4.55	15.72	<=34.77	Pass
			25	22.40	-4.55	15.70	<=34.77	Pass
			50	22.43	-4.55	15.73	<=34.77	Pass
		100	0	22.42	-4.55	15.72	<=34.77	Pass
	683	1	0	23.71	-4.55	17.01	<=34.77	Pass
			50	23.53	-4.55	16.83	<=34.77	Pass
			99	23.50	-4.55	16.80	<=34.77	Pass
		50	0	22.31	-4.55	15.61	<=34.77	Pass
			25	22.31	-4.55	15.61	<=34.77	Pass
			50	22.28	-4.55	15.58	<=34.77	Pass
		100	0	22.31	-4.55	15.61	<=34.77	Pass
	688	1	0	23.92	-4.55	17.22	<=34.77	Pass
			50	23.75	-4.55	17.05	<=34.77	Pass
			99	23.72	-4.55	17.02	<=34.77	Pass
		50	0	22.29	-4.55	15.59	<=34.77	Pass
			25	22.27	-4.55	15.57	<=34.77	Pass
			50	22.26	-4.55	15.56	<=34.77	Pass
		100	0	22.30	-4.55	15.60	<=34.77	Pass
64QAM	673	1	0	22.77	-4.55	16.07	<=34.77	Pass
			50	22.76	-4.55	16.06	<=34.77	Pass
			99	22.66	-4.55	15.96	<=34.77	Pass
		50	0	21.50	-4.55	14.80	<=34.77	Pass
			25	21.46	-4.55	14.76	<=34.77	Pass
			50	21.50	-4.55	14.80	<=34.77	Pass
		100	0	21.46	-4.55	14.76	<=34.77	Pass
	683	1	0	23.07	-4.55	16.37	<=34.77	Pass
			50	22.86	-4.55	16.16	<=34.77	Pass
			99	22.80	-4.55	16.10	<=34.77	Pass
		50	0	21.39	-4.55	14.69	<=34.77	Pass
			25	21.37	-4.55	14.67	<=34.77	Pass
			50	21.33	-4.55	14.63	<=34.77	Pass
		100	0	21.31	-4.55	14.61	<=34.77	Pass
	688	1	0	22.59	-4.55	15.89	<=34.77	Pass
			50	22.47	-4.55	15.77	<=34.77	Pass
			99	22.42	-4.55	15.72	<=34.77	Pass
		50	0	21.32	-4.55	14.62	<=34.77	Pass
			25	21.31	-4.55	14.61	<=34.77	Pass
			50	21.29	-4.55	14.59	<=34.77	Pass
		100	0	21.32	-4.55	14.62	<=34.77	Pass
256QAM	673	1	0	19.64	-4.55	12.94	<=34.77	Pass
			50	19.59	-4.55	12.89	<=34.77	Pass

			99	19.48	-4.55	12.78	<=34.77	Pass
		50	0	19.43	-4.55	12.73	<=34.77	Pass
			25	19.39	-4.55	12.69	<=34.77	Pass
			50	19.43	-4.55	12.73	<=34.77	Pass
		100	0	19.40	-4.55	12.70	<=34.77	Pass
	683	1	0	19.61	-4.55	12.91	<=34.77	Pass
			50	19.53	-4.55	12.83	<=34.77	Pass
			99	19.44	-4.55	12.74	<=34.77	Pass
		50	0	19.32	-4.55	12.62	<=34.77	Pass
			25	19.31	-4.55	12.61	<=34.77	Pass
			50	19.28	-4.55	12.58	<=34.77	Pass
		100	0	19.29	-4.55	12.59	<=34.77	Pass
	688	1	0	19.35	-4.55	12.65	<=34.77	Pass
			50	19.19	-4.55	12.49	<=34.77	Pass
			99	19.15	-4.55	12.45	<=34.77	Pass
		50	0	19.35	-4.55	12.65	<=34.77	Pass
			25	19.32	-4.55	12.62	<=34.77	Pass
			50	19.29	-4.55	12.59	<=34.77	Pass
		100	0	19.32	-4.55	12.62	<=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	-5.150	-0.0076	-2.5 to 2.5	Pass
					NV	-1.931	-0.0028	-2.5 to 2.5	Pass
					HV	-4.005	-0.0059	-2.5 to 2.5	Pass
				-30	NV	-1.089	-0.0016	-2.5 to 2.5	Pass
				-20	NV	-1.087	-0.0016	-2.5 to 2.5	Pass
				-10	NV	-4.749	-0.0070	-2.5 to 2.5	Pass
				0	NV	-2.017	-0.0030	-2.5 to 2.5	Pass
				10	NV	-4.392	-0.0065	-2.5 to 2.5	Pass
				30	NV	-4.220	-0.0062	-2.5 to 2.5	Pass
				40	NV	-3.648	-0.0054	-2.5 to 2.5	Pass
				50	NV	-2.704	-0.0040	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

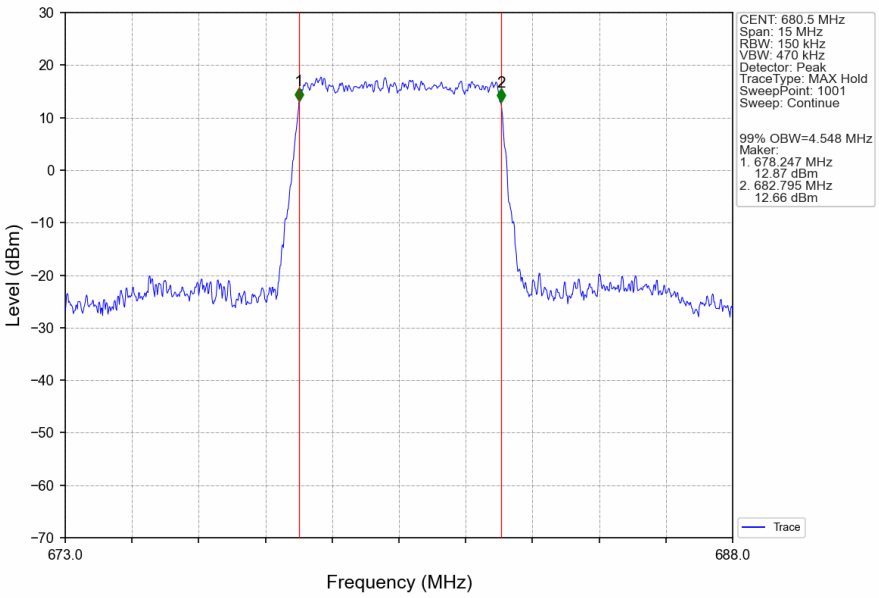
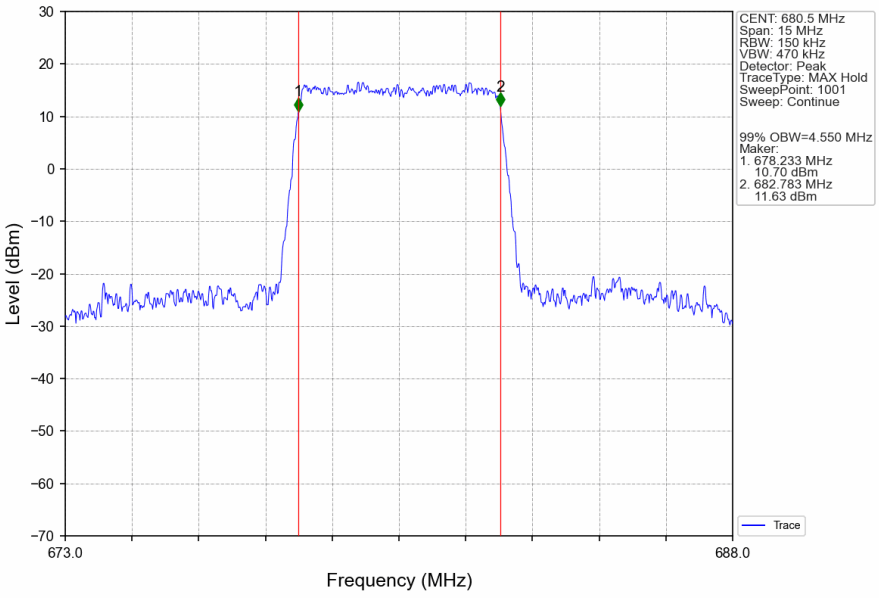
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.548	/	Pass
	16QAM	680.5	25	0	4.550	/	Pass
10	QPSK	680.5	50	0	9.062	/	Pass
	16QAM	680.5	50	0	9.024	/	Pass
15	QPSK	680.5	75	0	13.582	/	Pass
	16QAM	680.5	75	0	13.550	/	Pass
20	QPSK	683	100	0	18.055	/	Pass
	16QAM	683	100	0	18.115	/	Pass

3.1.2 Band71_XDB

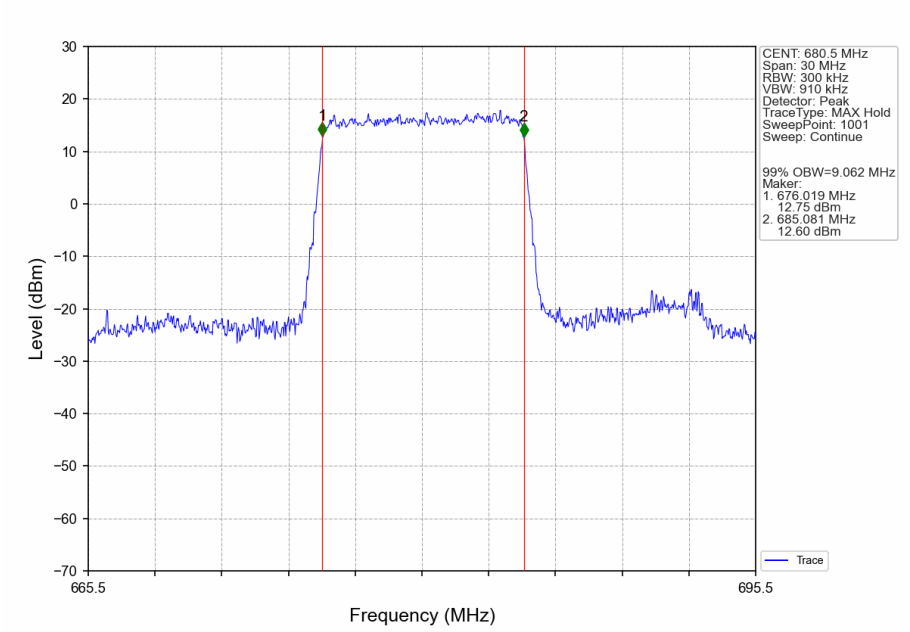
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.041	/	Pass
	16QAM	680.5	25	0	5.064	/	Pass
10	QPSK	680.5	50	0	10.020	/	Pass
	16QAM	680.5	50	0	9.955	/	Pass
15	QPSK	680.5	75	0	14.982	/	Pass
	16QAM	680.5	75	0	14.895	/	Pass
20	QPSK	683	100	0	19.734	/	Pass
	16QAM	683	100	0	19.664	/	Pass

3.2 Test Graph

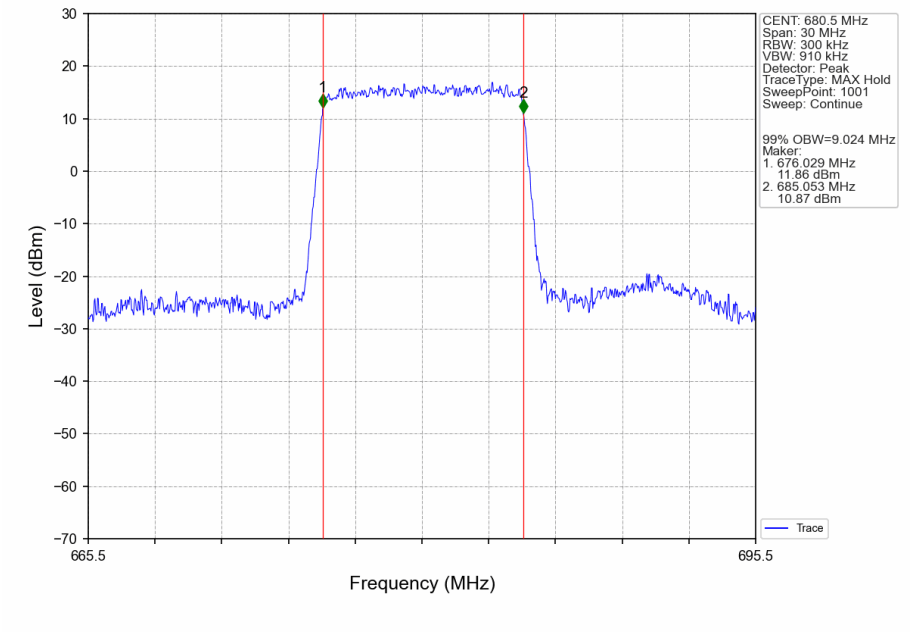
3.2.1 Band71_OBW

Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV

Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV


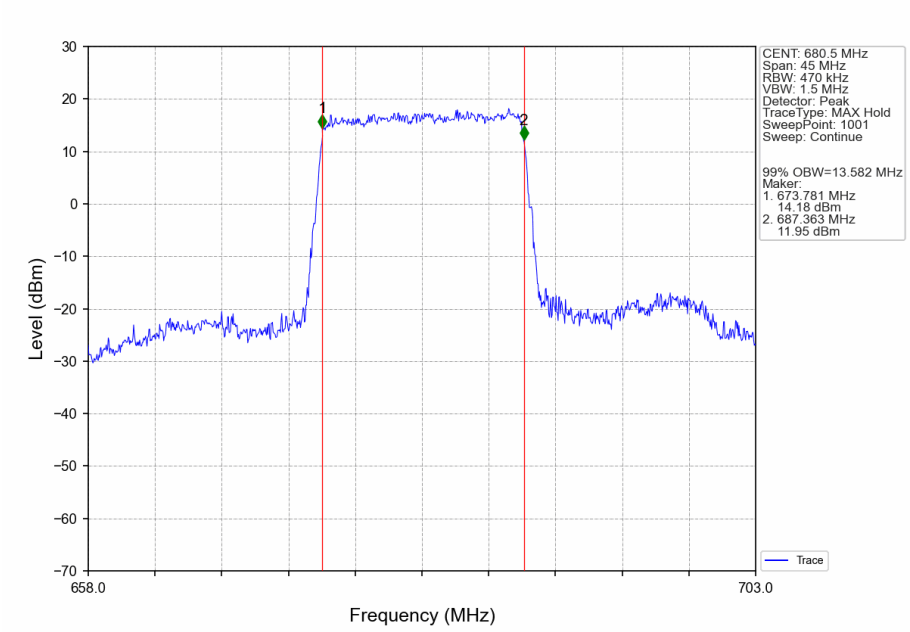
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



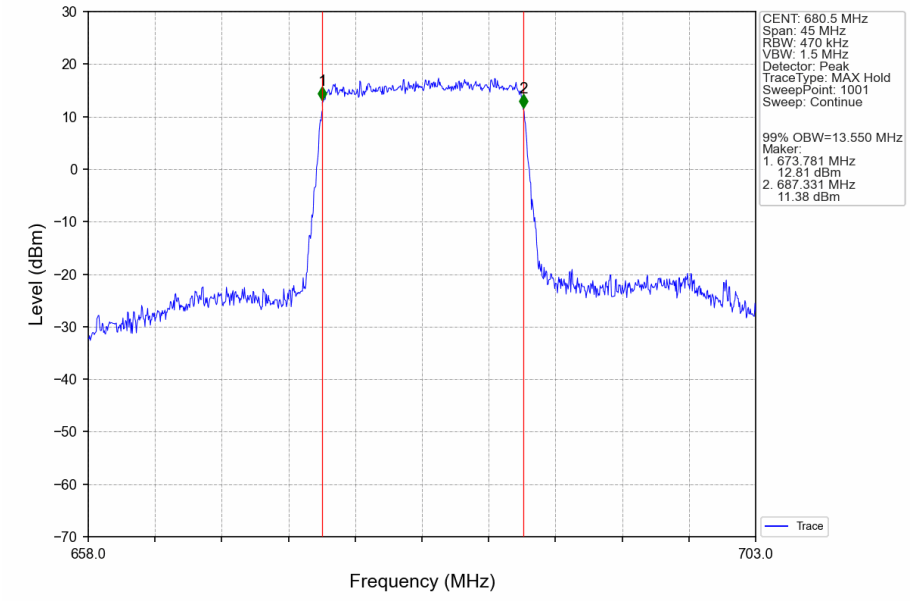
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



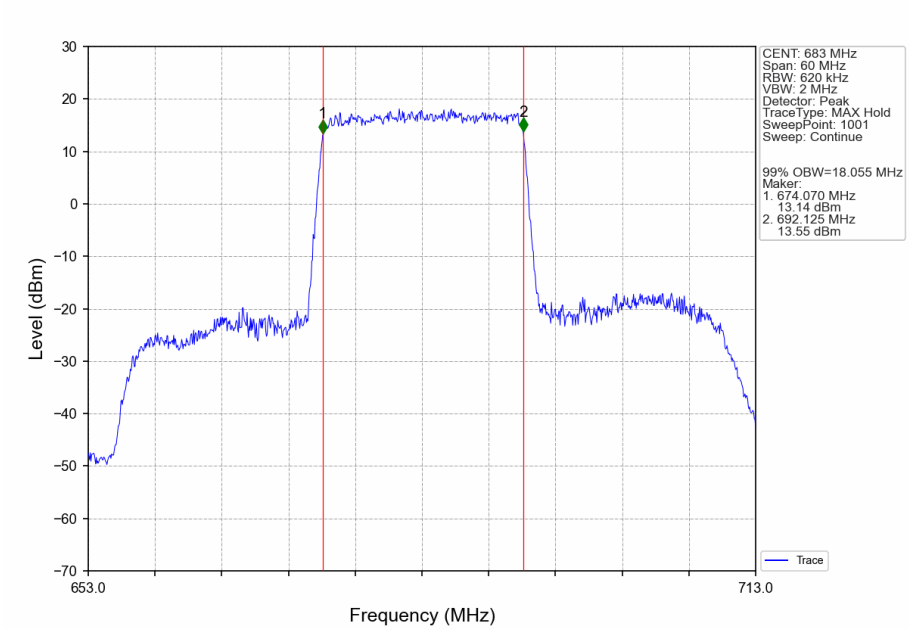
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



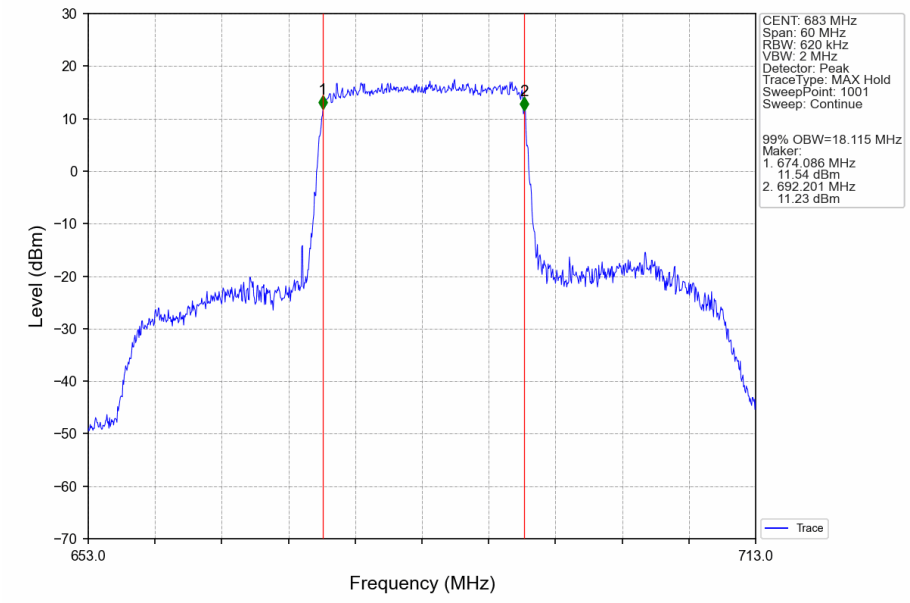
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



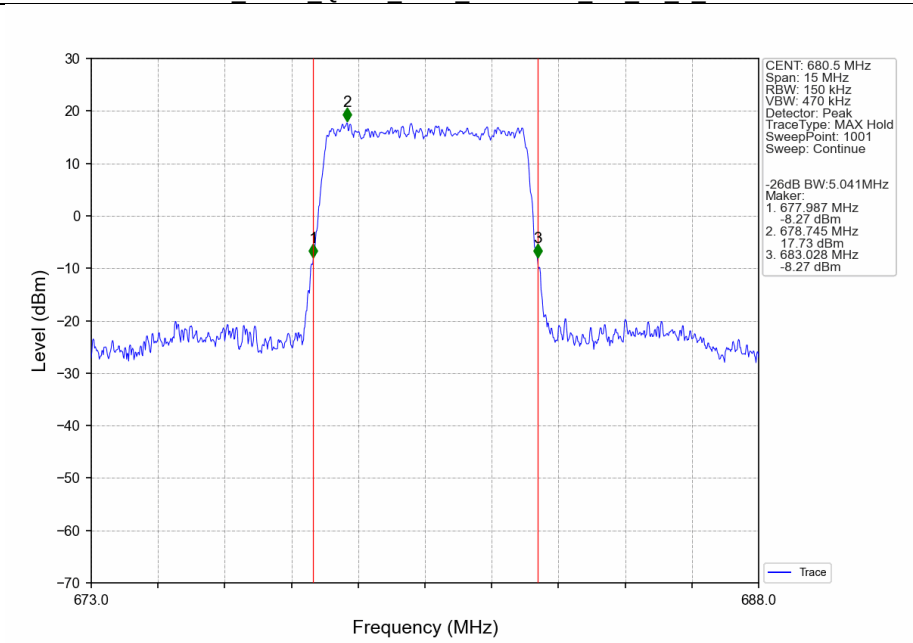
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

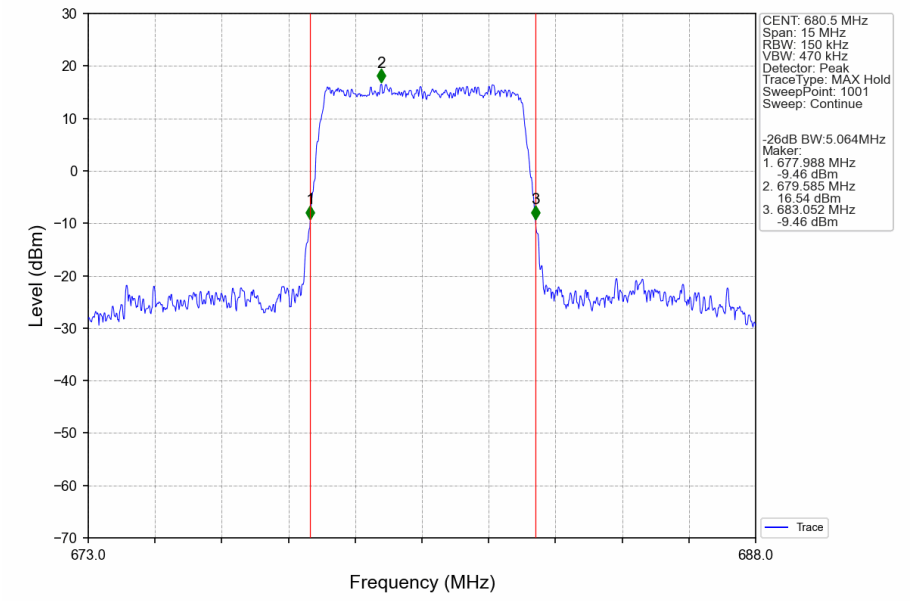


Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV

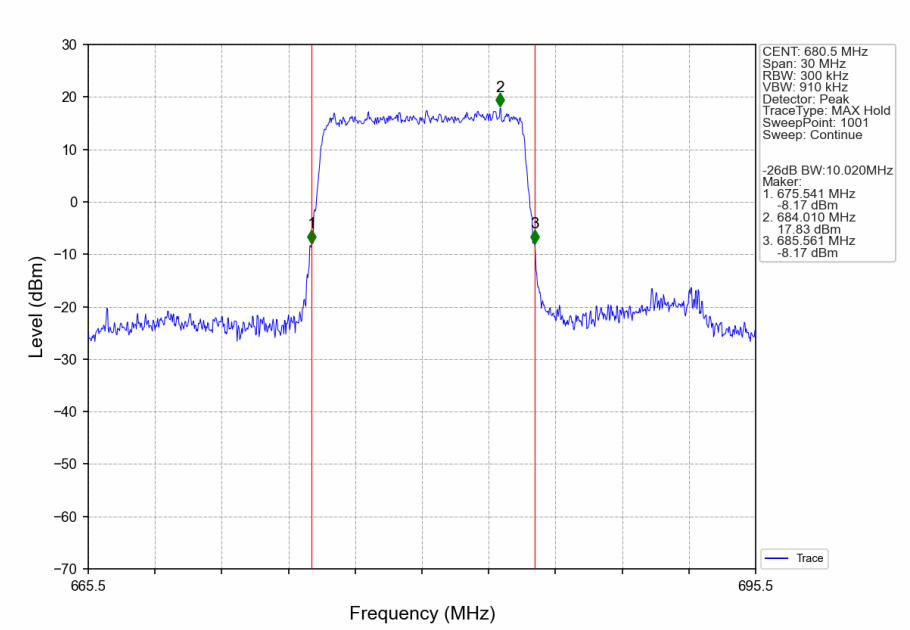


3.2.2 Band71_XDB

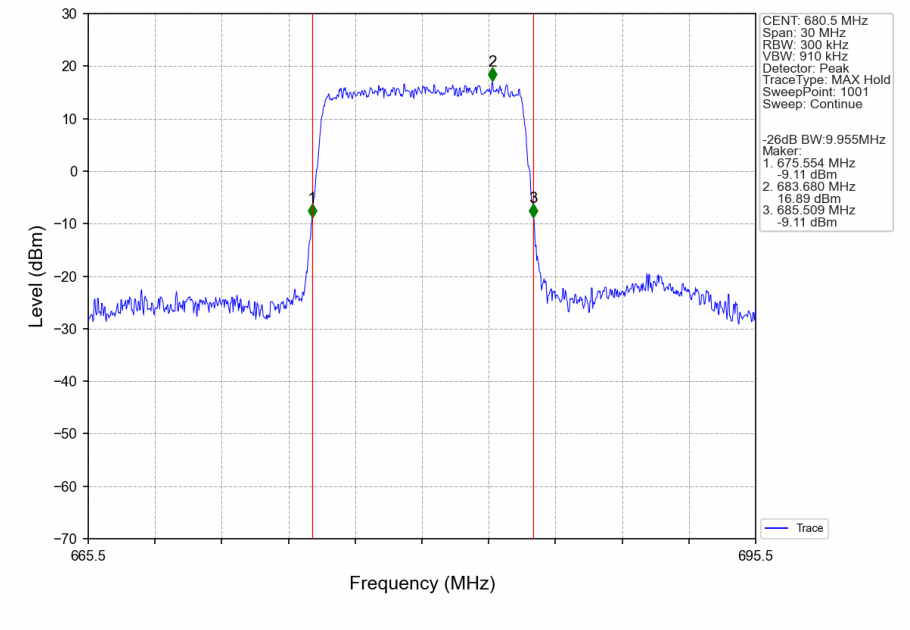
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV


Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV


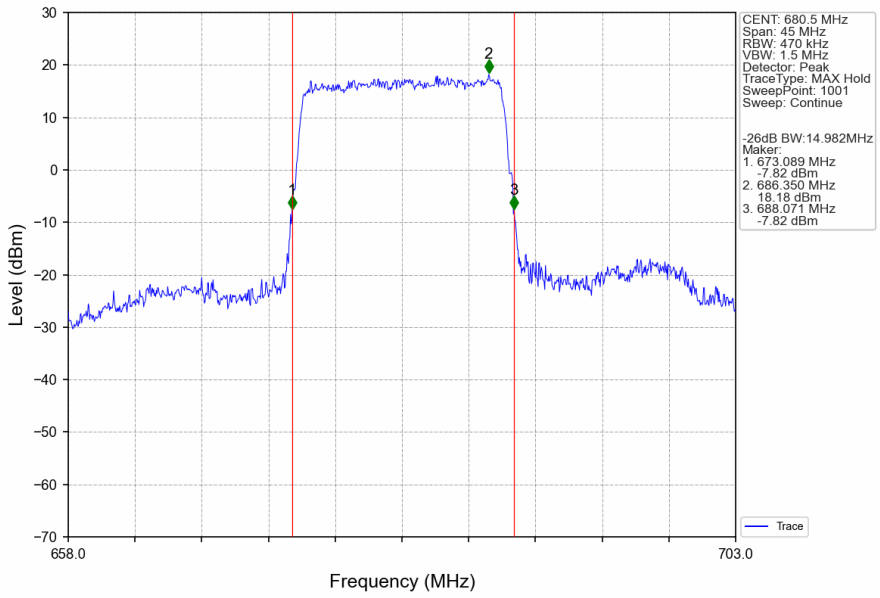
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



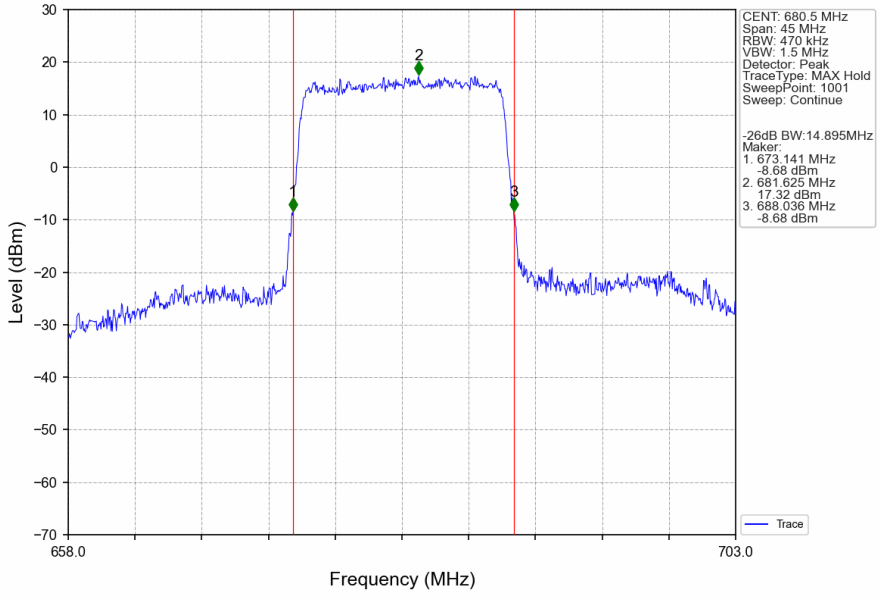
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



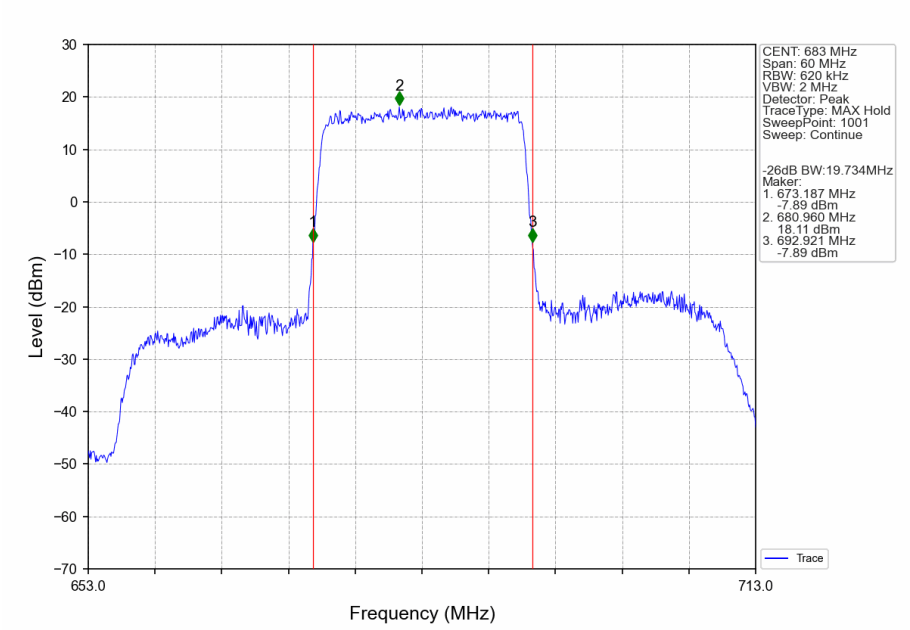
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



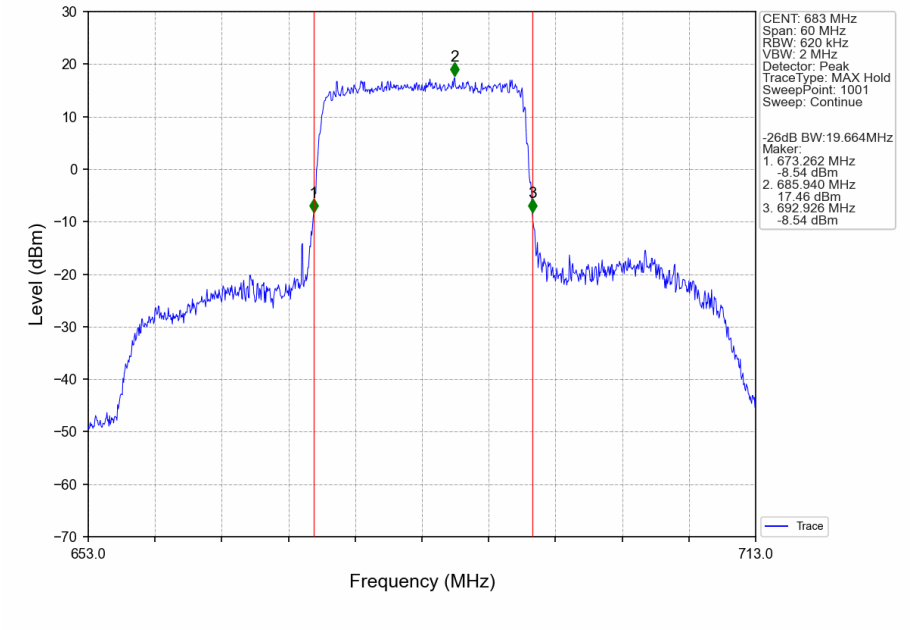
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



4. Peak-Average Ratio

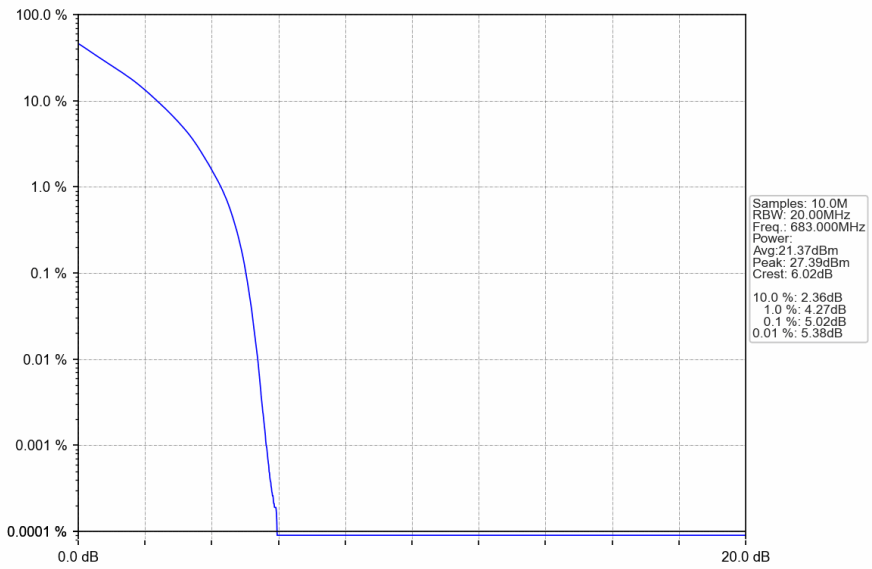
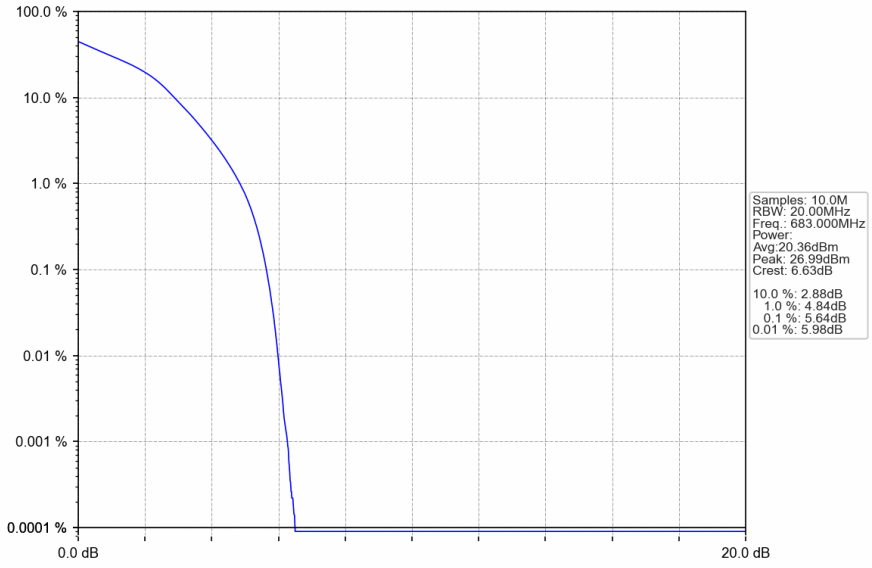
4.1 Test Result

4.1.1 B71_20MHz

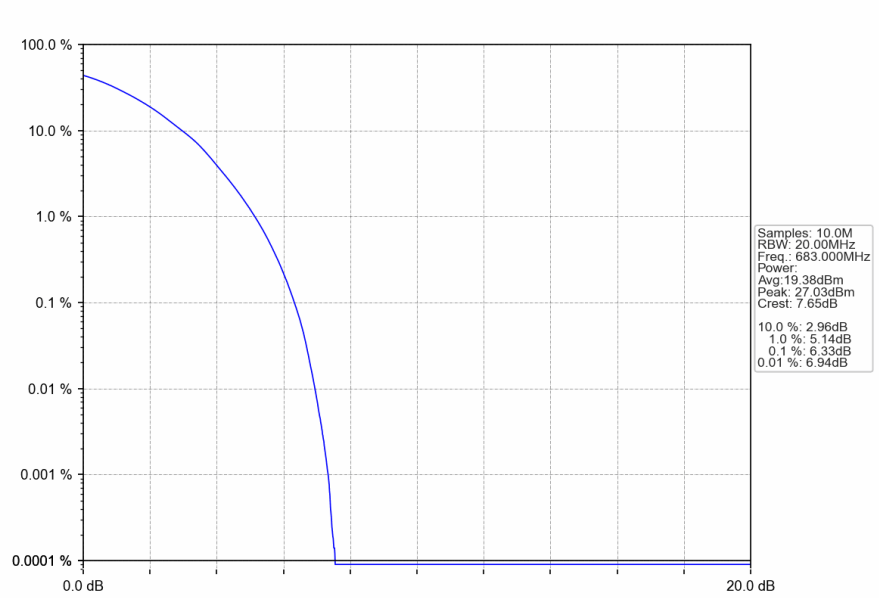
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	5.02	<=13	Pass
16QAM	683	100	0	5.64	<=13	Pass
64QAM	683	100	0	6.33	<=13	Pass
256QAM	683	100	0	6.54	<=13	Pass

4.2 Test Graph

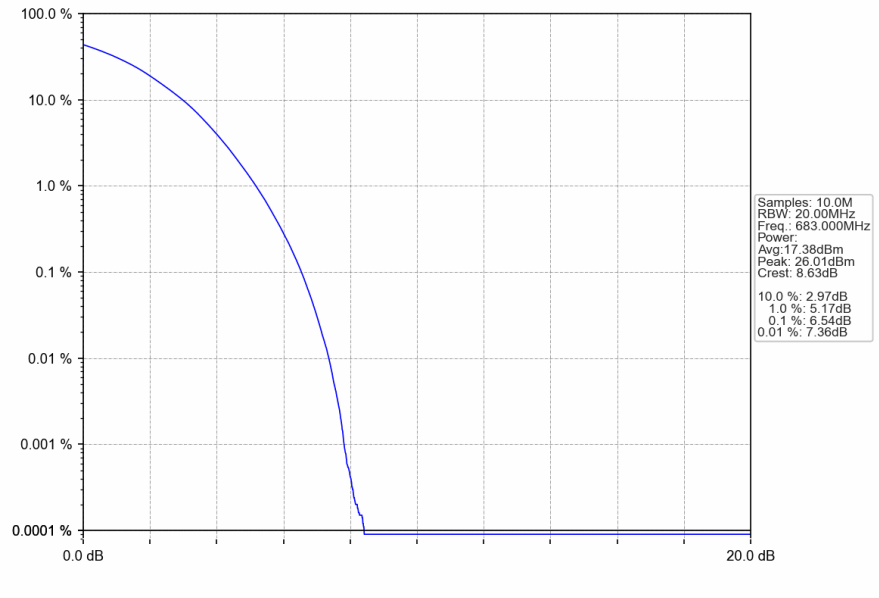
4.2.1 B71_20MHz

Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV


Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B71_10MHz

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

5.1.3 B71_15MHz

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

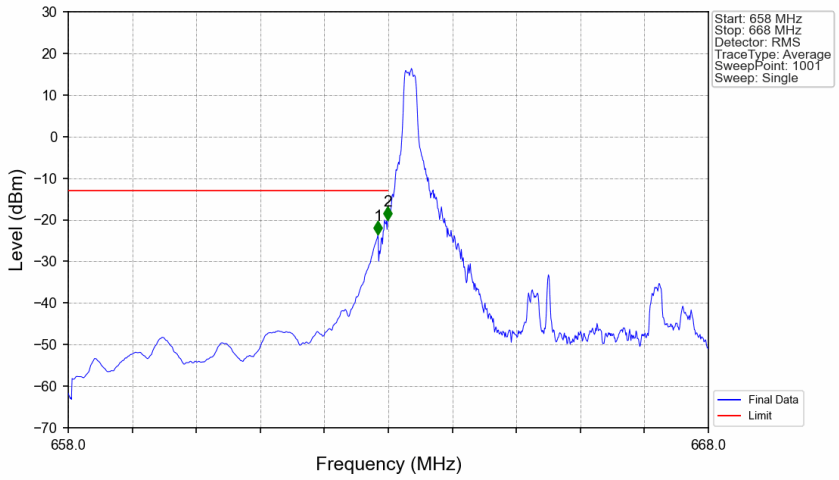
5.1.4 B71_20MHz

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

5.2 Test Graph

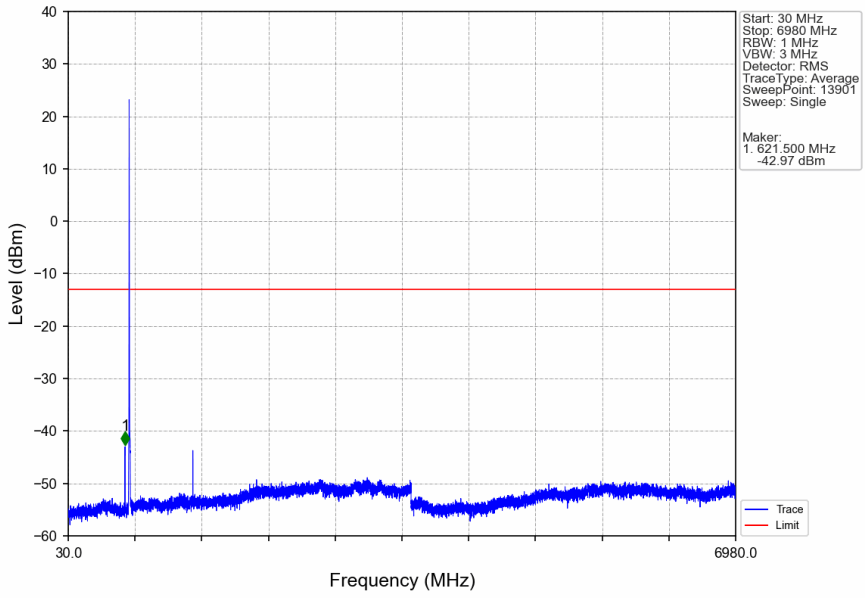
5.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

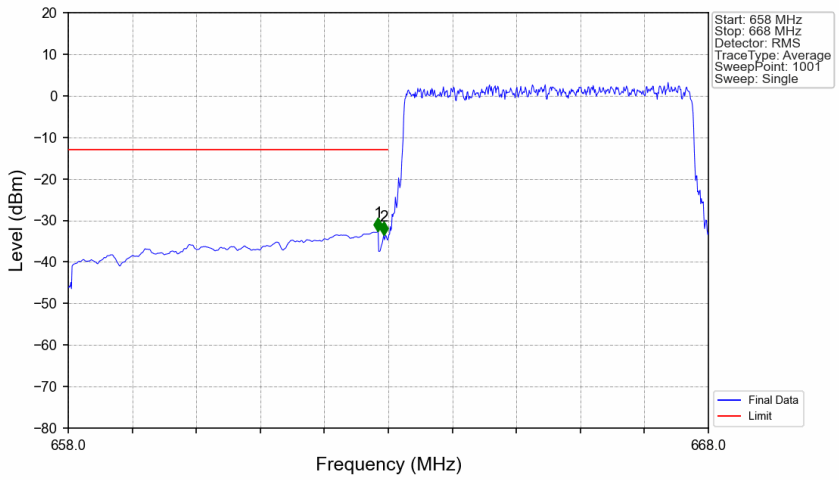


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-23.45	-13	Pass
662.9	663	0.03	/	2	662.990	-20.03	-13	Pass
663	668	0.03	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

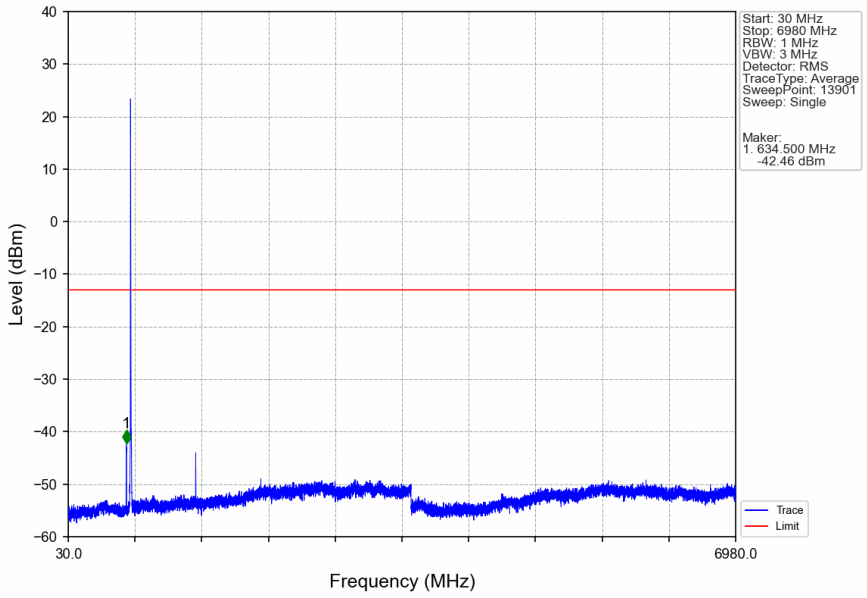


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

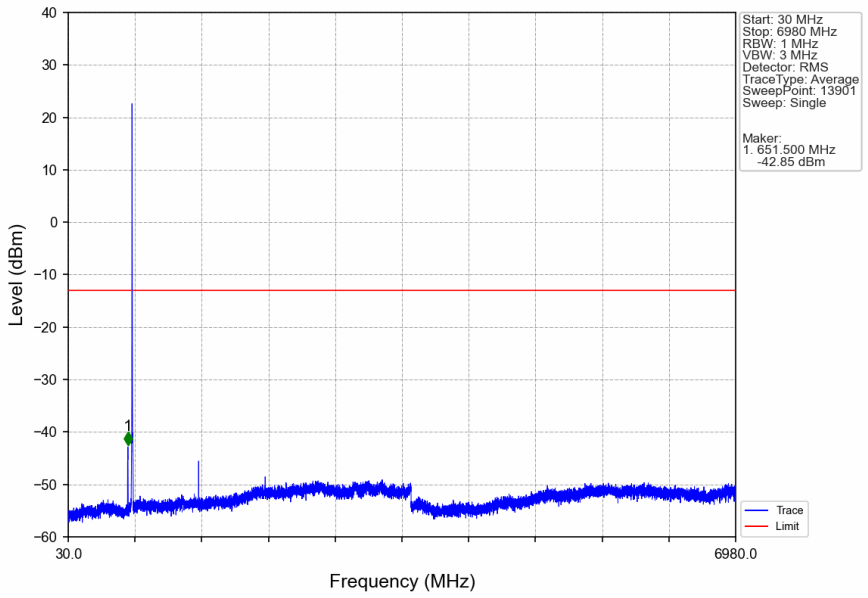


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-32.61	-13	Pass
662.9	663	0.03	/	2	662.930	-33.57	-13	Pass
663	668	0.03	/	/	/	/	/	/

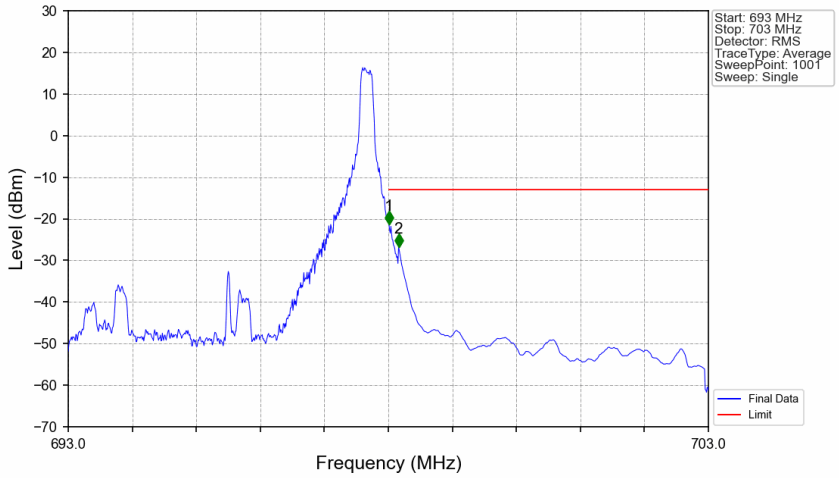
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

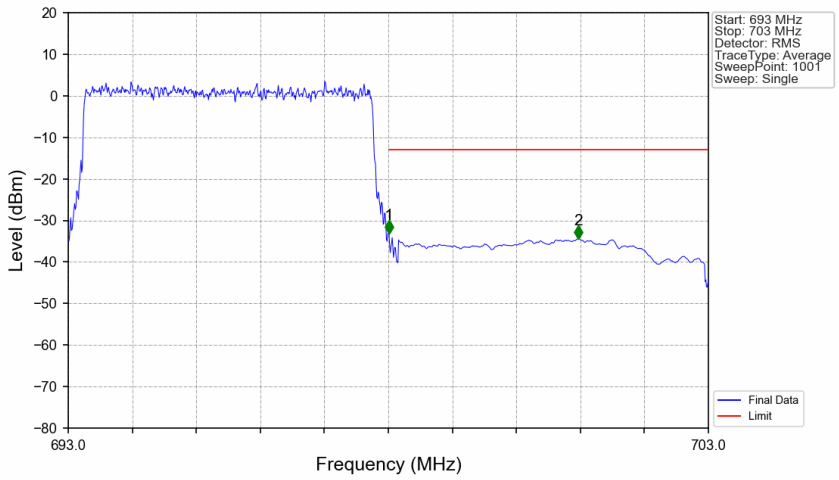


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-21.27	-13	Pass
698.1	703	0.1	CHP	2	698.160	-26.76	-13	Pass

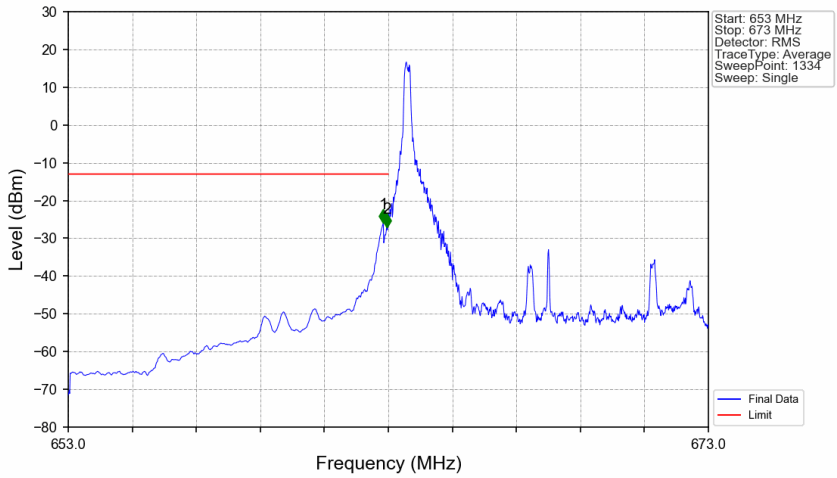
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



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	698.010	-33.12	-13	Pass
698.1	703	0.1	CHP	2	700.970	-34.41	-13	Pass

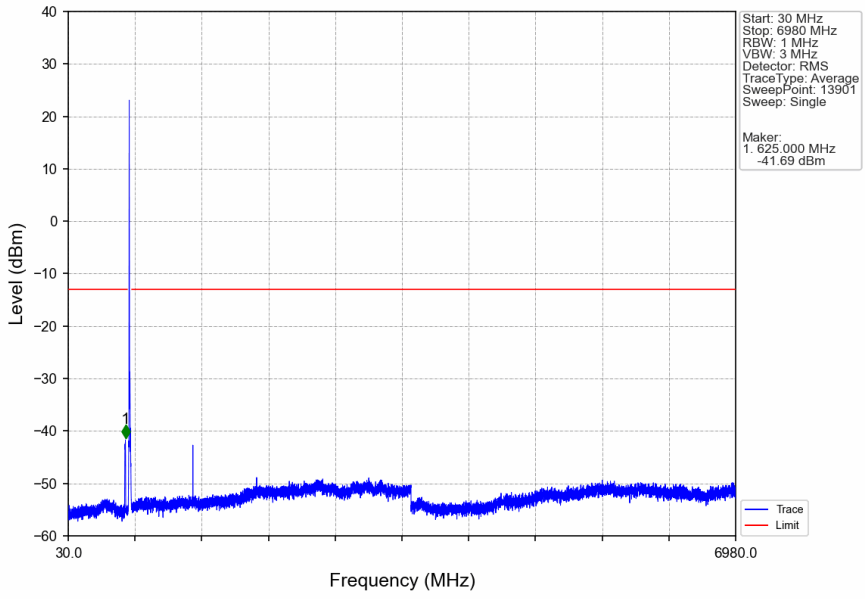
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

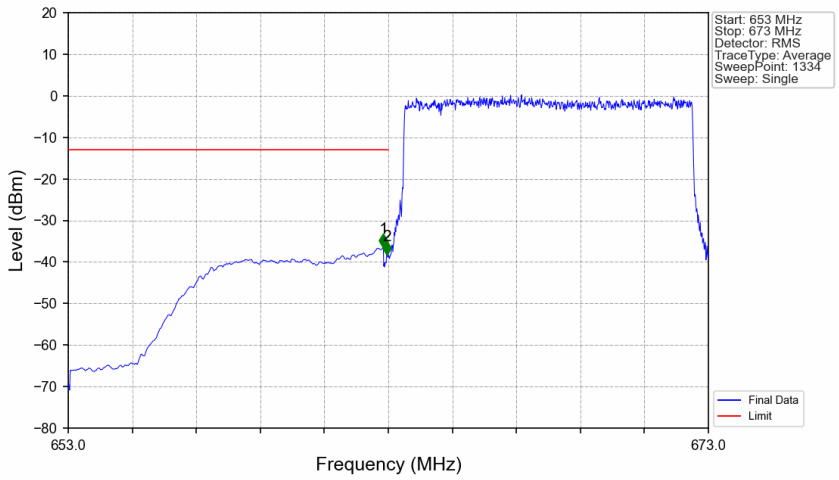


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-25.82	-13	Pass
662.9	663	0.03	/	2	662.947	-26.98	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

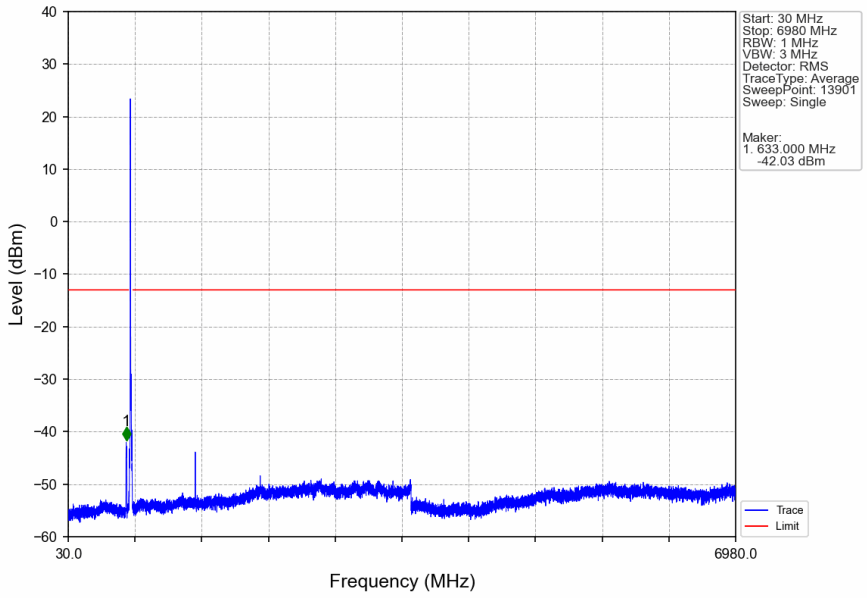


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

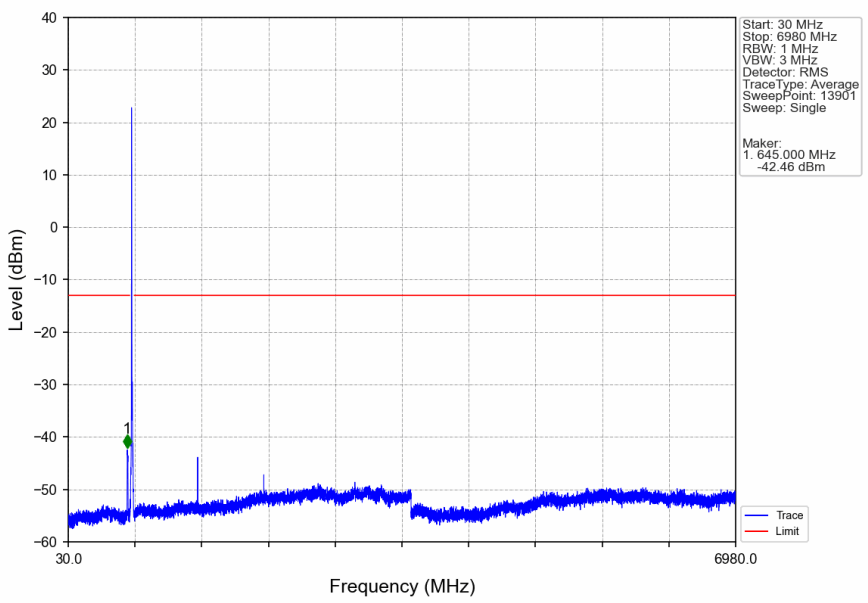


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-36.35	-13	Pass
662.9	663	0.03	/	2	662.947	-38.26	-13	Pass
663	673	0.03	/	/	/	/	/	/

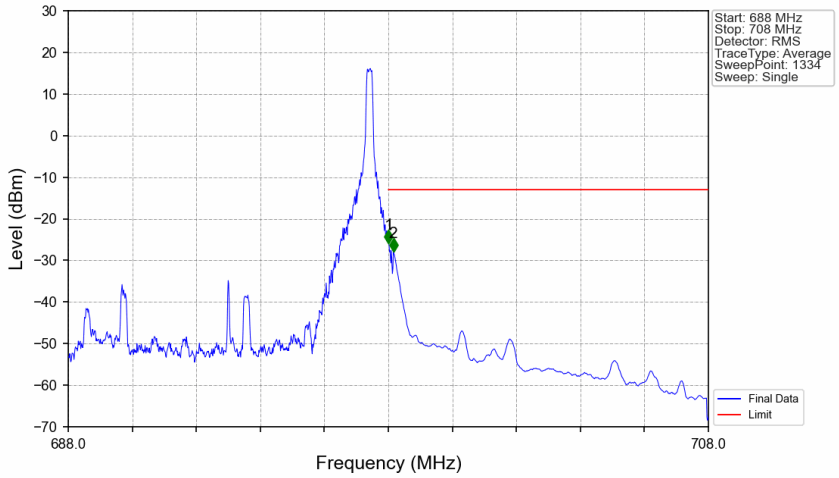
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

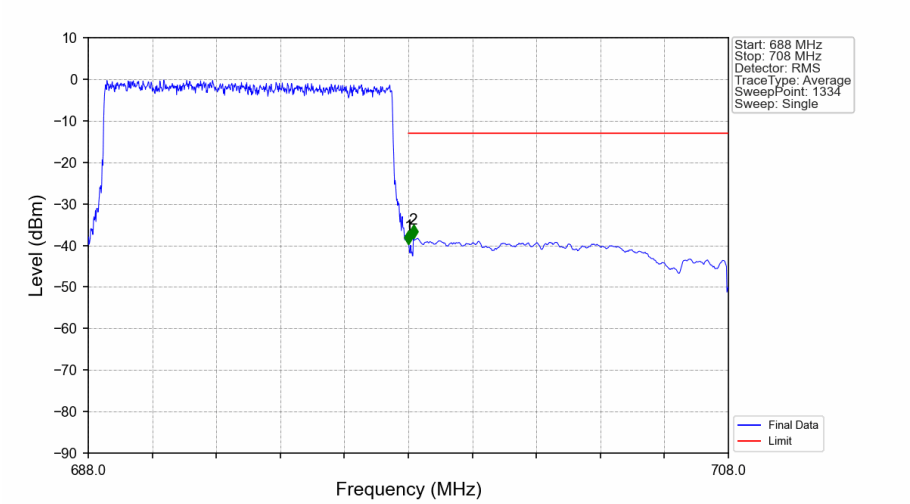


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



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	-25.80	-13	Pass
698.1	708	0.1	CHP	2	698.158	-27.79	-13	Pass

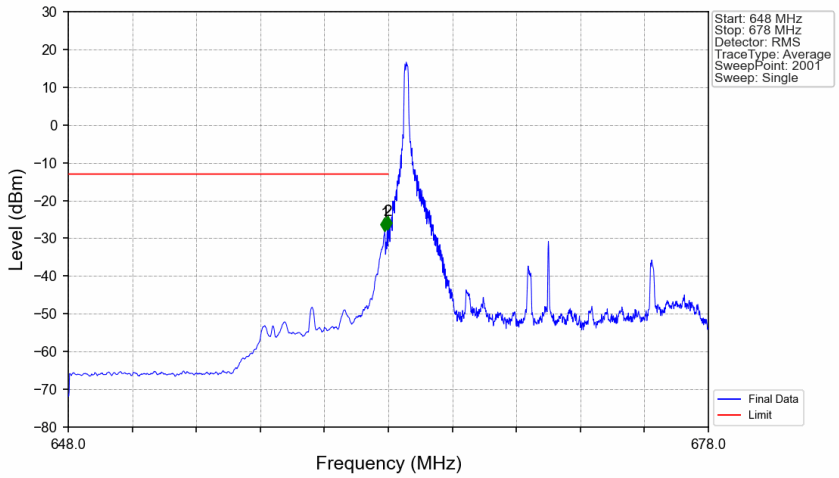
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



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	-39.61	-13	Pass
698.1	708	0.1	CHP	2	698.158	-38.23	-13	Pass

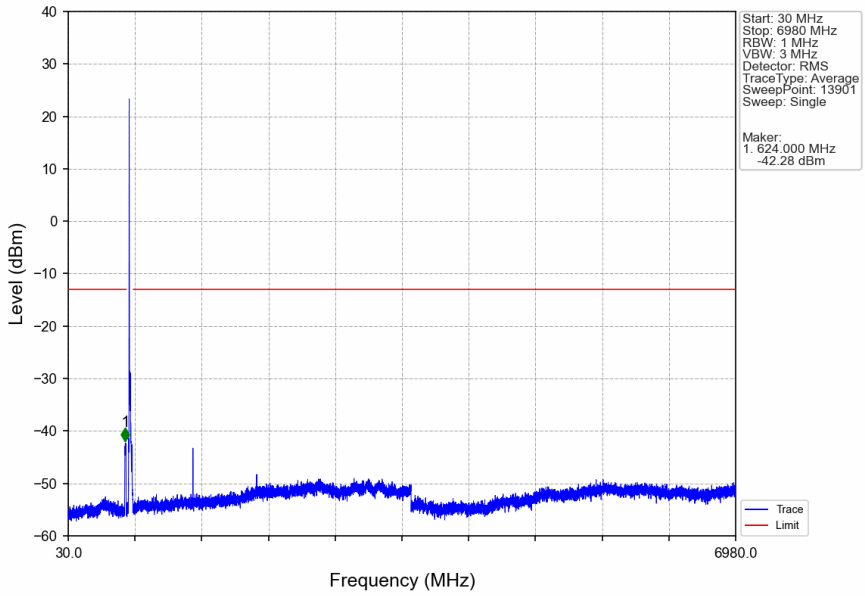
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

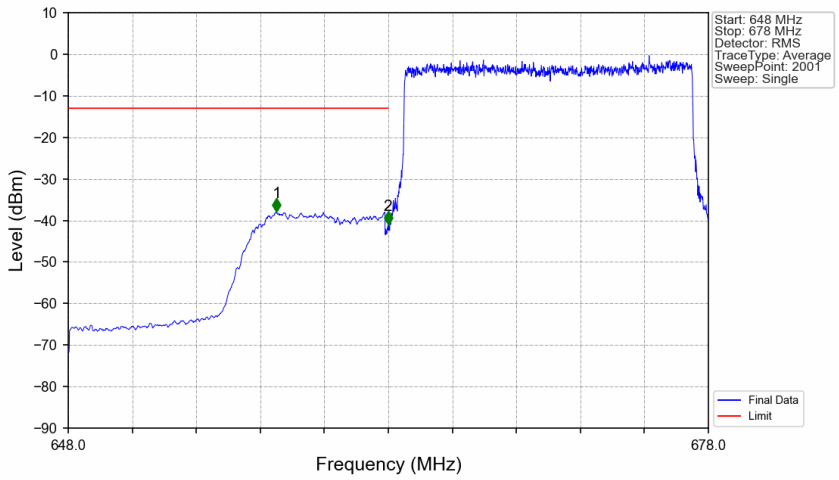


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-28.11	-13	Pass
662.9	663	0.03	/	2	662.955	-27.72	-13	Pass
663	678	0.03	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

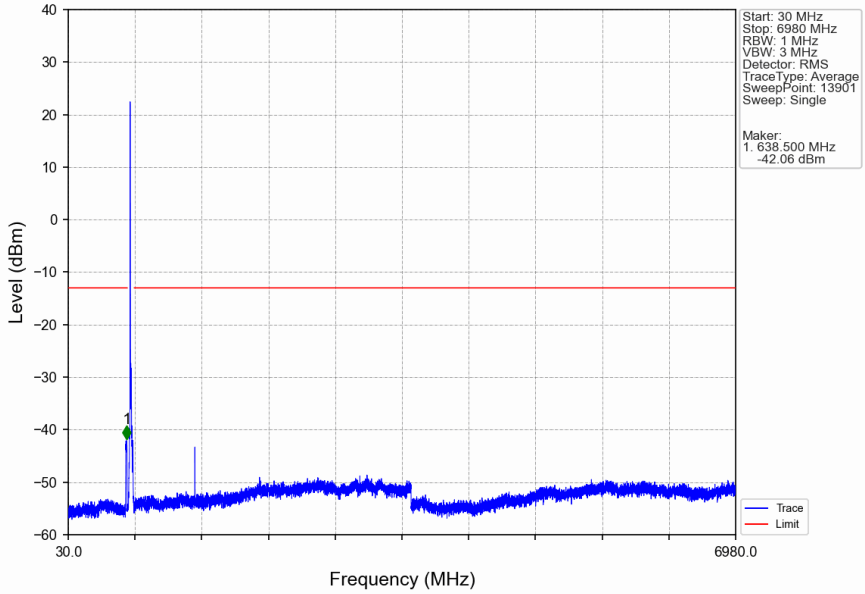


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

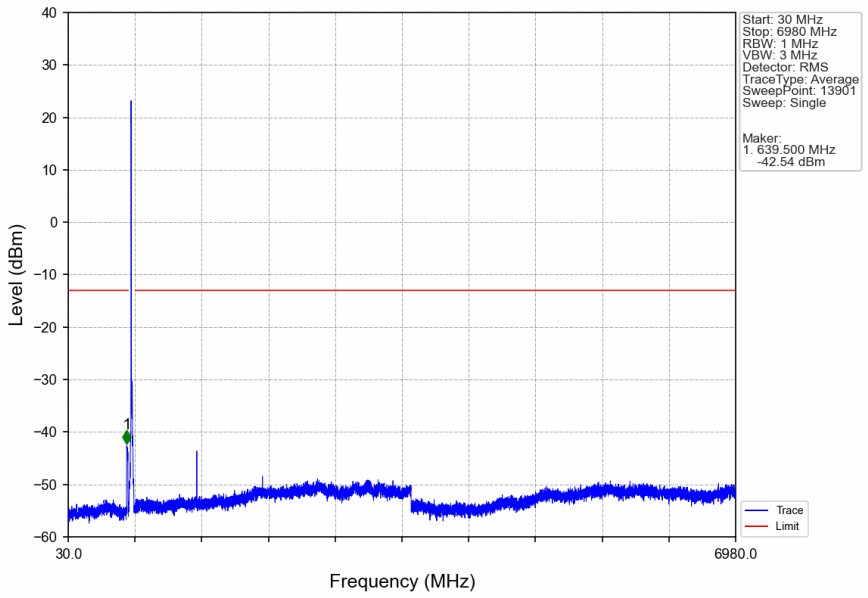


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	657.765	-37.87	-13	Pass
662.9	663	0.03	/	2	662.985	-40.91	-13	Pass
663	678	0.03	/	/	/	/	/	/

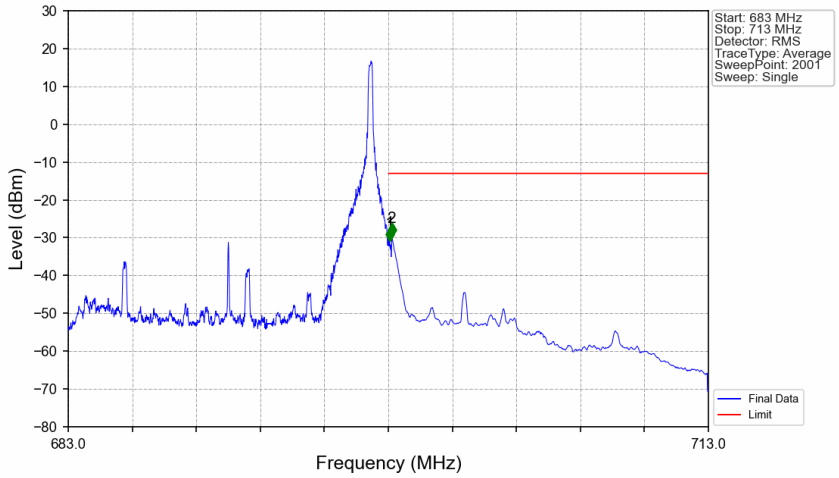
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

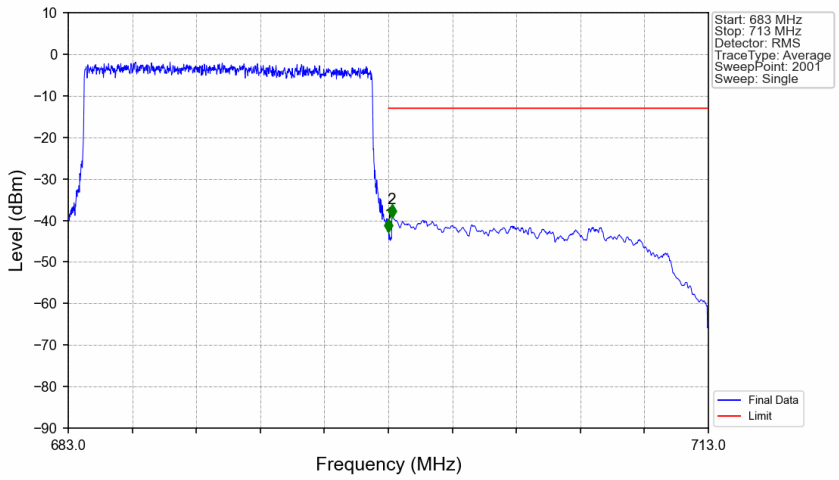


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



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	698.060	-30.76	-13	Pass
698.1	713	0.1	CHP	2	698.165	-29.72	-13	Pass

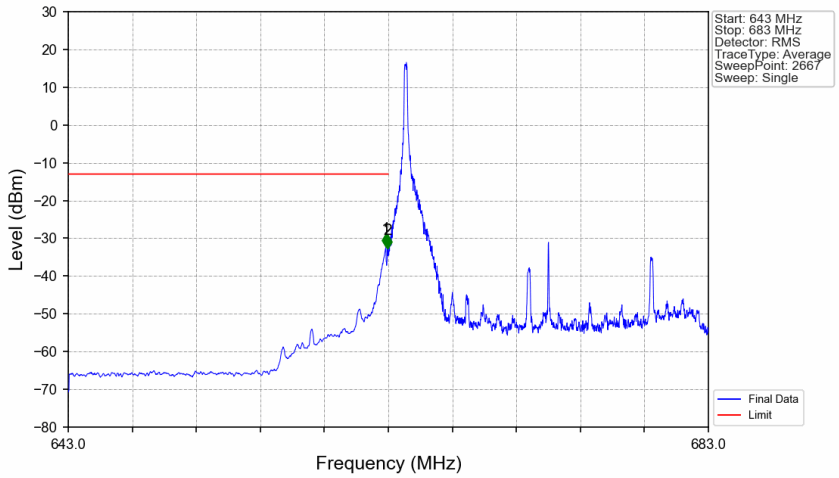
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



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	-42.72	-13	Pass
698.1	713	0.1	CHP	2	698.165	-39.30	-13	Pass

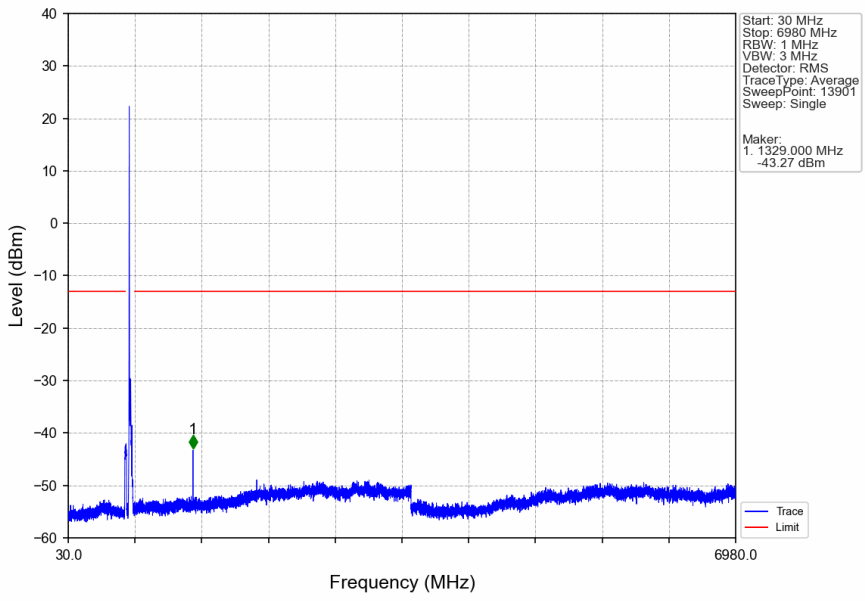
5.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

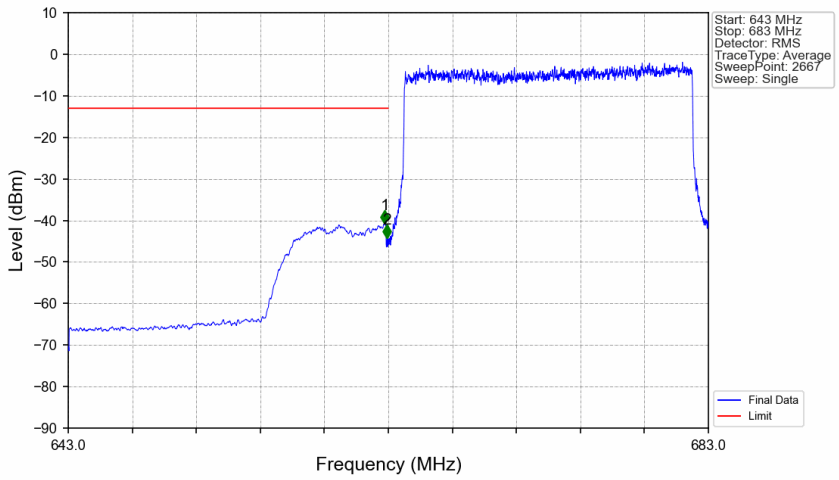


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-32.32	-13	Pass
662.9	663	0.03	/	2	662.955	-32.71	-13	Pass
663	683	0.03	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

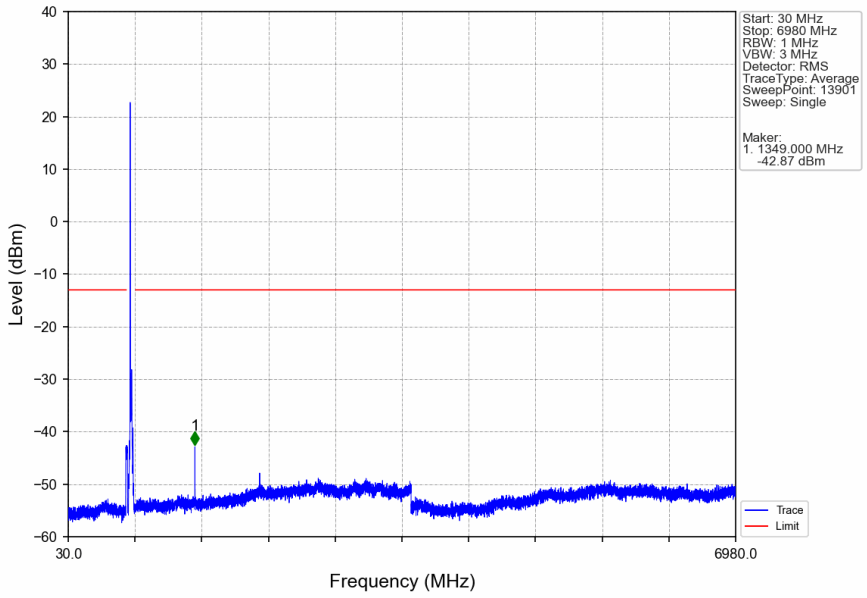


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

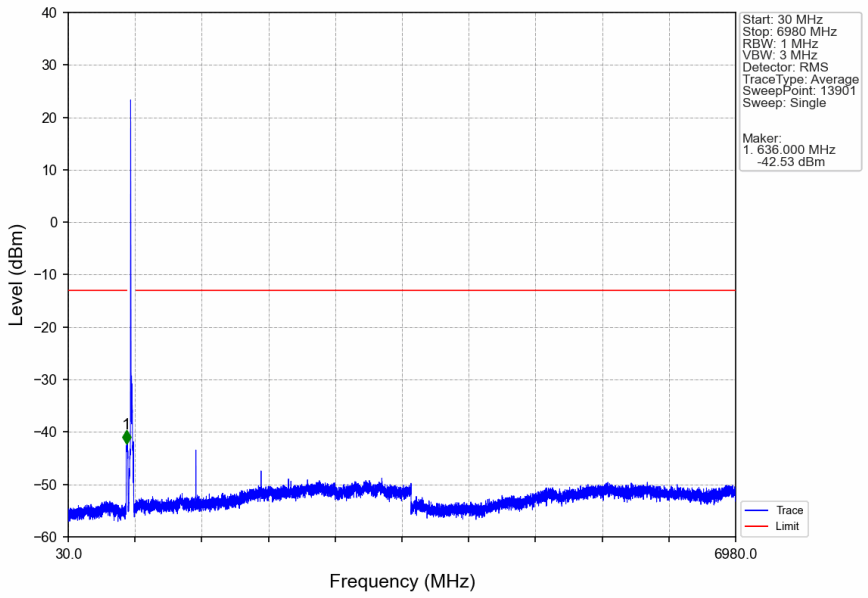


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.775	-40.84	-13	Pass
662.9	663	0.03	/	2	662.925	-44.30	-13	Pass
663	683	0.03	/	/	/	/	/	/

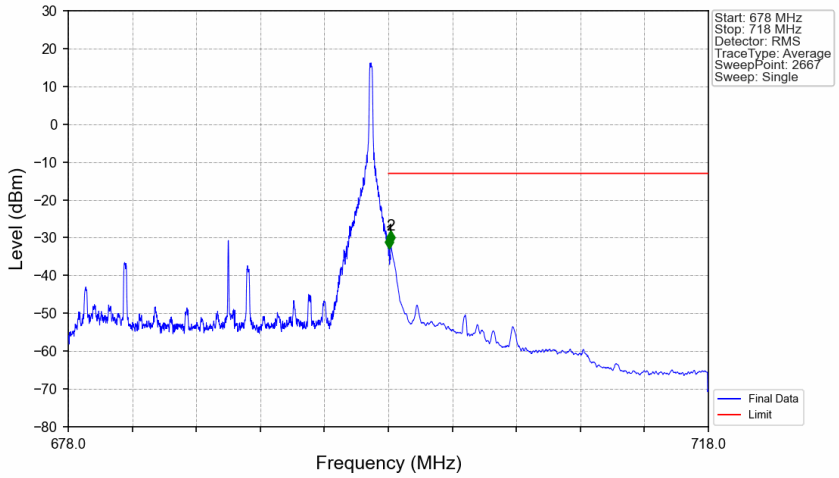
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

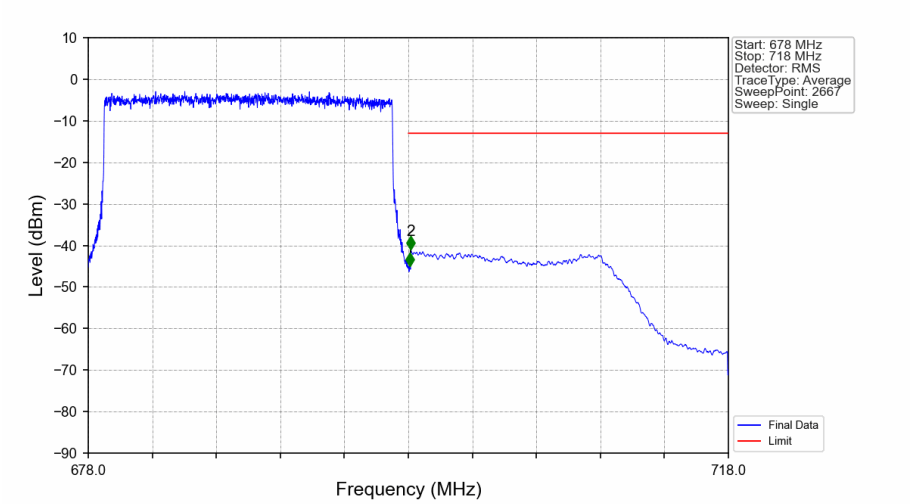


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



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	698.060	-32.80	-13	Pass
698.1	718	0.1	CHP	2	698.150	-31.67	-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	698.075	-44.96	-13	Pass
698.1	718	0.1	CHP	2	698.150	-40.99	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 71 ANT0-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1328.0	-63.41	-13	-50.41	-65.8	2.4	4.79	Horizontal	Pass
1992.0	-60.29	-13	-47.29	-62.21	2.72	4.64	Horizontal	Pass
2656.0	-67.55	-13	-54.55	-70.61	3.1	6.16	Horizontal	Pass
1328.0	-63.91	-13	-50.91	-66.3	2.4	4.79	Vertical	Pass
1992.0	-64.42	-13	-51.42	-66.34	2.72	4.64	Vertical	Pass
2656.0	-68.18	-13	-55.18	-71.24	3.1	6.16	Vertical	Pass

LTE Band 71 ANT0-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1348.0	-70.27	-13	-57.27	-72.77	2.42	4.92	Horizontal	Pass
2022.0	-60.79	-13	-47.79	-62.72	2.74	4.67	Horizontal	Pass
2696.0	-68.51	-13	-55.51	-71.65	3.11	6.25	Horizontal	Pass
1348.0	-70.01	-13	-57.01	-72.51	2.42	4.92	Vertical	Pass
2022.0	-65.56	-13	-52.56	-67.49	2.74	4.67	Vertical	Pass
2696.0	-68.24	-13	-55.24	-71.38	3.11	6.25	Vertical	Pass

LTE Band 71 ANT0-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1348.0	-70.35	-13	-57.35	-72.85	2.42	4.92	Horizontal	Pass
2022.0	-67.97	-13	-54.97	-69.9	2.74	4.67	Horizontal	Pass
2696.0	-68.51	-13	-55.51	-71.65	3.11	6.25	Horizontal	Pass
1348.0	-70.25	-13	-57.25	-72.75	2.42	4.92	Vertical	Pass
2022.0	-67.89	-13	-54.89	-69.82	2.74	4.67	Vertical	Pass
2696.0	-68.44	-13	-55.44	-71.58	3.11	6.25	Vertical	Pass