1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B71_5MHz_ERP

Band: 71 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	23.67	-2.81	18.71	<=34.77	Pass
			13	23.87	-2.81	18.91	<=34.77	Pass
			24	23.90	-2.81	18.94	<=34.77	Pass
		12	0	22.62	-2.81	17.66	<=34.77	Pass
			6	22.74	-2.81	17.78	<=34.77	Pass
			13	22.77	-2.81	17.81	<=34.77	Pass
		25	0	22.77	-2.81	17.81	<=34.77	Pass
	680.5	1	0	23.91	-2.81	18.95	<=34.77	Pass
			13	23.86	-2.81	18.90	<=34.77	Pass
			24	23.63	-2.81	18.67	<=34.77	Pass
		12	0	22.82	-2.81	17.86	<=34.77	Pass
			6	22.78	-2.81	17.82	<=34.77	Pass
			13	22.73	-2.81	17.77	<=34.77	Pass
		25	0	22.73	-2.81	17.77	<=34.77	Pass
	695.5	1	0	23.58	-2.81	18.62	<=34.77	Pass
			13	23.60	-2.81	18.64	<=34.77	Pass
			24	23.50	-2.81	18.54	<=34.77	Pass
		12	0	22.52	-2.81	17.56	<=34.77	Pass
			6	22.53	-2.81	17.57	<=34.77	Pass
			13	22.54	-2.81	17.58	<=34.77	Pass
		25	0	22.50	-2.81	17.54	<=34.77	Pass
16QAM	665.5	1	0	22.61	-2.81	17.65	<=34.77	Pass
			13	22.92	-2.81	17.96	<=34.77	Pass
			24	22.96	-2.81	18.00	<=34.77	Pass
		12	0	21.67	-2.81	16.71	<=34.77	Pass
			6	21.76	-2.81	16.80	<=34.77	Pass
			13	21.80	-2.81	16.84	<=34.77	Pass
		25	0	21.75	-2.81	16.79	<=34.77	Pass
	680.5	1	0	22.95	-2.81	17.99	<=34.77	Pass
			13	22.95	-2.81	17.99	<=34.77	Pass
			24	22.75	-2.81	17.79	<=34.77	Pass
		12	0	21.89	-2.81	16.93	<=34.77	Pass
			6	21.76	-2.81	16.80	<=34.77	Pass
			13	21.72	-2.81	16.76	<=34.77	Pass
		25	0	21.75	-2.81	16.79	<=34.77	Pass
	695.5	1	0	22.69	-2.81	17.73	<=34.77	Pass
			13	22.77	-2.81	17.81	<=34.77	Pass
			24	22.64	-2.81	17.68	<=34.77	Pass
		12	0	21.50	-2.81	16.54	<=34.77	Pass
			6	21.50	-2.81	16.54	<=34.77	Pass
			13	21.54	-2.81	16.58	<=34.77	Pass
		25	0	21.49	-2.81	16.53	<=34.77	Pass
64QAM	665.5	1	0	21.74	-2.81	16.78	<=34.77	Pass
			13	21.96	-2.81	17.00	<=34.77	Pass
			24	22.06	-2.81	17.10	<=34.77	Pass
		12	0	20.68	-2.81	15.72	<=34.77	Pass
			6	20.76	-2.81	15.80	<=34.77	Pass
			13	20.79	-2.81	15.83	<=34.77	Pass
		25	0	20.75	-2.81	15.79	<=34.77	Pass

	680.5	1	0	22.11	-2.81	17.15	<=34.77	Pass
			13	21.91	-2.81	16.95	<=34.77	Pass
			24	21.84	-2.81	16.88	<=34.77	Pass
		12	0	20.85	-2.81	15.89	<=34.77	Pass
			6	20.82	-2.81	15.86	<=34.77	Pass
			13	20.78	-2.81	15.82	<=34.77	Pass
		25	0	20.78	-2.81	15.82	<=34.77	Pass
	695.5	1	0	21.59	-2.81	16.63	<=34.77	Pass
			13	21.69	-2.81	16.73	<=34.77	Pass
			24	21.55	-2.81	16.59	<=34.77	Pass
		12	0	20.52	-2.81	15.56	<=34.77	Pass
			6	20.56	-2.81	15.60	<=34.77	Pass
			13	20.54	-2.81	15.58	<=34.77	Pass
		25	0	20.51	-2.81	15.55	<=34.77	Pass
256QAM	665.5	1	0	18.65	-2.81	13.69	<=34.77	Pass
			13	18.97	-2.81	14.01	<=34.77	Pass
			24	18.93	-2.81	13.97	<=34.77	Pass
		12	0	18.68	-2.81	13.72	<=34.77	Pass
			6	18.82	-2.81	13.86	<=34.77	Pass
			13	18.90	-2.81	13.94	<=34.77	Pass
		25	0	18.82	-2.81	13.86	<=34.77	Pass
	680.5	1	0	19.04	-2.81	14.08	<=34.77	Pass
			13	19.06	-2.81	14.10	<=34.77	Pass
			24	18.83	-2.81	13.87	<=34.77	Pass
		12	0	18.93	-2.81	13.97	<=34.77	Pass
			6	18.83	-2.81	13.87	<=34.77	Pass
			13	18.77	-2.81	13.81	<=34.77	Pass
		25	0	18.78	-2.81	13.82	<=34.77	Pass
	695.5	1	0	18.65	-2.81	13.69	<=34.77	Pass
			13	18.65	-2.81	13.69	<=34.77	Pass
			24	18.65	-2.81	13.69	<=34.77	Pass
		12	0	18.55	-2.81	13.59	<=34.77	Pass
			6	18.57	-2.81	13.61	<=34.77	Pass
			13	18.55	-2.81	13.59	<=34.77	Pass
		25	0	18.51	-2.81	13.55	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	23.65	-2.81	18.69	<=34.77	Pass
			25	24.00	-2.81	19.04	<=34.77	Pass
			49	23.79	-2.81	18.83	<=34.77	Pass
		25	0	22.88	-2.81	17.92	<=34.77	Pass
			13	23.02	-2.81	18.06	<=34.77	Pass
			25	23.15	-2.81	18.19	<=34.77	Pass
		50	0	23.00	-2.81	18.04	<=34.77	Pass
	680.5	1	0	23.76	-2.81	18.80	<=34.77	Pass
			25	23.93	-2.81	18.97	<=34.77	Pass
			49	23.64	-2.81	18.68	<=34.77	Pass
		25	0	23.01	-2.81	18.05	<=34.77	Pass
			13	22.84	-2.81	17.88	<=34.77	Pass
			25	22.72	-2.81	17.76	<=34.77	Pass
		50	0	22.87	-2.81	17.91	<=34.77	Pass
	693	1	0	23.64	-2.81	18.68	<=34.77	Pass

			25	23.61	-2.81	18.65	<=34.77	Pass
			49	23.47	-2.81	18.51	<=34.77	Pass
		25	0	22.58	-2.81	17.62	<=34.77	Pass
			13	22.63	-2.81	17.67	<=34.77	Pass
			25	22.52	-2.81	17.56	<=34.77	Pass
		50	0	22.57	-2.81	17.61	<=34.77	Pass
16QAM	668	1	0	22.84	-2.81	17.88	<=34.77	Pass
			25	23.16	-2.81	18.20	<=34.77	Pass
			49	23.30	-2.81	18.34	<=34.77	Pass
		25	0	21.87	-2.81	16.91	<=34.77	Pass
			13	22.04	-2.81	17.08	<=34.77	Pass
			25	22.13	-2.81	17.17	<=34.77	Pass
		50	0	22.00	-2.81	17.04	<=34.77	Pass
	680.5	1	0	23.33	-2.81	18.37	<=34.77	Pass
			25	23.03	-2.81	18.07	<=34.77	Pass
			49	22.74	-2.81	17.78	<=34.77	Pass
		25	0	22.02	-2.81	17.06	<=34.77	Pass
			13	21.86	-2.81	16.90	<=34.77	Pass
			25	21.76	-2.81	16.80	<=34.77	Pass
		50	0	21.88	-2.81	16.92	<=34.77	Pass
	693	1	0	22.79	-2.81	17.83	<=34.77	Pass
			25	22.67	-2.81	17.71	<=34.77	Pass
			49	22.68	-2.81	17.72	<=34.77	Pass
		25	0	21.62	-2.81	16.66	<=34.77	Pass
			13	21.61	-2.81	16.65	<=34.77	Pass
			25	21.57	-2.81	16.61	<=34.77	Pass
		50	0	21.52	-2.81	16.56	<=34.77	Pass
64QAM	668	1	0	21.83	-2.81	16.87	<=34.77	Pass
			25	22.22	-2.81	17.26	<=34.77	Pass
			49	22.35	-2.81	17.39	<=34.77	Pass
		25	0	20.86	-2.81	15.90	<=34.77	Pass
			13	21.00	-2.81	16.04	<=34.77	Pass
			25	21.13	-2.81	16.17	<=34.77	Pass
		50	0	21.00	-2.81	16.04	<=34.77	Pass
	680.5	1	0	22.34	-2.81	17.38	<=34.77	Pass
			25	22.12	-2.81	17.16	<=34.77	Pass
			49	21.86	-2.81	16.90	<=34.77	Pass
		25	0	20.97	-2.81	16.01	<=34.77	Pass
			13	20.87	-2.81	15.91	<=34.77	Pass
			25	20.78	-2.81	15.82	<=34.77	Pass
		50	0	20.88	-2.81	15.92	<=34.77	Pass
	693	1	0	21.86	-2.81	16.90	<=34.77	Pass
			25	21.78	-2.81	16.82	<=34.77	Pass
			49	21.70	-2.81	16.74	<=34.77	Pass
		25	0	20.58	-2.81	15.62	<=34.77	Pass
			13	20.65	-2.81	15.69	<=34.77	Pass
			25	20.58	-2.81	15.62	<=34.77	Pass
		50	0	20.53	-2.81	15.57	<=34.77	Pass
256QAM	668	1	0	18.81	-2.81	13.85	<=34.77	Pass
			25	19.20	-2.81	14.24	<=34.77	Pass
			49	19.35	-2.81	14.39	<=34.77	Pass
		25	0	18.93	-2.81	13.97	<=34.77	Pass
			13	19.09	-2.81	14.13	<=34.77	Pass
			25	19.17	-2.81	14.21	<=34.77	Pass
		50	0	19.10	-2.81	14.14	<=34.77	Pass
	680.5	1	0	19.20	-2.81	14.24	<=34.77	Pass
			25	19.00	-2.81	14.04	<=34.77	Pass
			49	18.79	-2.81	13.83	<=34.77	Pass
		25	0	19.00	-2.81	14.04	<=34.77	Pass

			13	18.90	-2.81	13.94	<=34.77	Pass
			25	18.80	-2.81	13.84	<=34.77	Pass
		50	0	18.90	-2.81	13.94	<=34.77	Pass
	693	1	0	18.75	-2.81	13.79	<=34.77	Pass
			25	18.72	-2.81	13.76	<=34.77	Pass
			49	18.73	-2.81	13.77	<=34.77	Pass
		25	0	18.64	-2.81	13.68	<=34.77	Pass
			13	18.67	-2.81	13.71	<=34.77	Pass
			25	18.58	-2.81	13.62	<=34.77	Pass
		50	0	18.58	-2.81	13.62	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	23.44	-2.81	18.48	<=34.77	Pass
			38	23.67	-2.81	18.71	<=34.77	Pass
			74	23.78	-2.81	18.82	<=34.77	Pass
		36	0	22.74	-2.81	17.78	<=34.77	Pass
			18	22.99	-2.81	18.03	<=34.77	Pass
			39	22.99	-2.81	18.03	<=34.77	Pass
		75	0	22.96	-2.81	18.00	<=34.77	Pass
	680.5	1	0	24.00	-2.81	19.04	<=34.77	Pass
			38	23.66	-2.81	18.70	<=34.77	Pass
			74	23.32	-2.81	18.36	<=34.77	Pass
		36	0	22.89	-2.81	17.93	<=34.77	Pass
			18	22.69	-2.81	17.73	<=34.77	Pass
			39	22.50	-2.81	17.54	<=34.77	Pass
		75	0	22.75	-2.81	17.79	<=34.77	Pass
	690.5	1	0	23.51	-2.81	18.55	<=34.77	Pass
			38	23.44	-2.81	18.48	<=34.77	Pass
			74	23.21	-2.81	18.25	<=34.77	Pass
		36	0	22.52	-2.81	17.56	<=34.77	Pass
			18	22.38	-2.81	17.42	<=34.77	Pass
			39	22.36	-2.81	17.40	<=34.77	Pass
		75	0	22.55	-2.81	17.59	<=34.77	Pass
16QAM	670.5	1	0	22.58	-2.81	17.62	<=34.77	Pass
			38	23.07	-2.81	18.11	<=34.77	Pass
			74	22.89	-2.81	17.93	<=34.77	Pass
		36	0	21.74	-2.81	16.78	<=34.77	Pass
			18	22.01	-2.81	17.05	<=34.77	Pass
			39	21.99	-2.81	17.03	<=34.77	Pass
		75	0	21.93	-2.81	16.97	<=34.77	Pass
	680.5	1	0	23.24	-2.81	18.28	<=34.77	Pass
			38	22.79	-2.81	17.83	<=34.77	Pass
			74	22.45	-2.81	17.49	<=34.77	Pass
		36	0	21.91	-2.81	16.95	<=34.77	Pass
			18	21.73	-2.81	16.77	<=34.77	Pass
			39	21.49	-2.81	16.53	<=34.77	Pass
		75	0	21.73	-2.81	16.77	<=34.77	Pass
	690.5	1	0	22.61	-2.81	17.65	<=34.77	Pass
			38	22.51	-2.81	17.55	<=34.77	Pass
			74	22.28	-2.81	17.32	<=34.77	Pass
		36	0	21.51	-2.81	16.55	<=34.77	Pass
			18	21.43	-2.81	16.47	<=34.77	Pass

			39	21.37	-2.81	16.41	<=34.77	Pass
		75	0	21.53	-2.81	16.57	<=34.77	Pass
64QAM	670.5	1	0	21.60	-2.81	16.64	<=34.77	Pass
			38	22.19	-2.81	17.23	<=34.77	Pass
			74	21.98	-2.81	17.02	<=34.77	Pass
		36	0	20.74	-2.81	15.78	<=34.77	Pass
			18	20.97	-2.81	16.01	<=34.77	Pass
			39	20.99	-2.81	16.03	<=34.77	Pass
		75	0	20.95	-2.81	15.99	<=34.77	Pass
	680.5	1	0	22.16	-2.81	17.20	<=34.77	Pass
			38	21.93	-2.81	16.97	<=34.77	Pass
			74	21.58	-2.81	16.62	<=34.77	Pass
		36	0	20.88	-2.81	15.92	<=34.77	Pass
			18	20.70	-2.81	15.74	<=34.77	Pass
			39	20.51	-2.81	15.55	<=34.77	Pass
		75	0	20.76	-2.81	15.80	<=34.77	Pass
	690.5	1	0	21.66	-2.81	16.70	<=34.77	Pass
			38	21.64	-2.81	16.68	<=34.77	Pass
			74	21.41	-2.81	16.45	<=34.77	Pass
		36	0	20.49	-2.81	15.53	<=34.77	Pass
			18	20.38	-2.81	15.42	<=34.77	Pass
			39	20.36	-2.81	15.40	<=34.77	Pass
		75	0	20.51	-2.81	15.55	<=34.77	Pass
256QAM	670.5	1	0	18.66	-2.81	13.70	<=34.77	Pass
			38	19.12	-2.81	14.16	<=34.77	Pass
			74	19.10	-2.81	14.14	<=34.77	Pass
		36	0	18.81	-2.81	13.85	<=34.77	Pass
			18	19.03	-2.81	14.07	<=34.77	Pass
			39	19.11	-2.81	14.15	<=34.77	Pass
		75	0	19.04	-2.81	14.08	<=34.77	Pass
	680.5	1	0	19.10	-2.81	14.14	<=34.77	Pass
			38	18.70	-2.81	13.74	<=34.77	Pass
			74	18.67	-2.81	13.71	<=34.77	Pass
		36	0	18.94	-2.81	13.98	<=34.77	Pass
			18	18.69	-2.81	13.73	<=34.77	Pass
			39	18.57	-2.81	13.61	<=34.77	Pass
		75	0	18.80	-2.81	13.84	<=34.77	Pass
	690.5	1	0	18.57	-2.81	13.61	<=34.77	Pass
			38	18.46	-2.81	13.50	<=34.77	Pass
			74	18.50	-2.81	13.54	<=34.77	Pass
		36	0	18.56	-2.81	13.60	<=34.77	Pass
			18	18.48	-2.81	13.52	<=34.77	Pass
			39	18.47	-2.81	13.51	<=34.77	Pass
		75	0	18.53	-2.81	13.57	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	23.43	-2.81	18.47	<=34.77	Pass
			50	23.65	-2.81	18.69	<=34.77	Pass
			99	23.48	-2.81	18.52	<=34.77	Pass
		50	0	22.86	-2.81	17.90	<=34.77	Pass
			25	23.06	-2.81	18.10	<=34.77	Pass
			50	22.86	-2.81	17.90	<=34.77	Pass

		100	0	22.93	-2.81	17.97	<=34.77	Pass
	683	1	0	23.59	-2.81	18.63	<=34.77	Pass
			50	23.62	-2.81	18.66	<=34.77	Pass
			99	23.33	-2.81	18.37	<=34.77	Pass
		50	0	22.80	-2.81	17.84	<=34.77	Pass
			25	22.67	-2.81	17.71	<=34.77	Pass
			50	22.46	-2.81	17.50	<=34.77	Pass
		100	0	22.64	-2.81	17.68	<=34.77	Pass
	688	1	0	23.76	-2.81	18.80	<=34.77	Pass
			50	23.46	-2.81	18.50	<=34.77	Pass
			99	23.24	-2.81	18.28	<=34.77	Pass
		50	0	22.53	-2.81	17.57	<=34.77	Pass
			25	22.56	-2.81	17.60	<=34.77	Pass
			50	22.44	-2.81	17.48	<=34.77	Pass
		100	0	22.49	-2.81	17.53	<=34.77	Pass
16QAM	673	1	0	22.59	-2.81	17.63	<=34.77	Pass
			50	23.45	-2.81	18.49	<=34.77	Pass
			99	22.82	-2.81	17.86	<=34.77	Pass
		50	0	21.84	-2.81	16.88	<=34.77	Pass
			25	22.08	-2.81	17.12	<=34.77	Pass
			50	21.85	-2.81	16.89	<=34.77	Pass
		100	0	21.96	-2.81	17.00	<=34.77	Pass
	683	1	0	23.04	-2.81	18.08	<=34.77	Pass
			50	22.68	-2.81	17.72	<=34.77	Pass
			99	22.37	-2.81	17.41	<=34.77	Pass
		50	0	21.79	-2.81	16.83	<=34.77	Pass
			25	21.69	-2.81	16.73	<=34.77	Pass
			50	21.51	-2.81	16.55	<=34.77	Pass
		100	0	21.65	-2.81	16.69	<=34.77	Pass
	688	1	0	23.07	-2.81	18.11	<=34.77	Pass
			50	22.81	-2.81	17.85	<=34.77	Pass
			99	22.41	-2.81	17.45	<=34.77	Pass
		50	0	21.56	-2.81	16.60	<=34.77	Pass
			25	21.55	-2.81	16.59	<=34.77	Pass
			50	21.44	-2.81	16.48	<=34.77	Pass
		100	0	21.51	-2.81	16.55	<=34.77	Pass
64QAM	673	1	0	21.77	-2.81	16.81	<=34.77	Pass
			50	22.20	-2.81	17.24	<=34.77	Pass
			99	21.64	-2.81	16.68	<=34.77	Pass
		50	0	20.84	-2.81	15.88	<=34.77	Pass
			25	21.07	-2.81	16.11	<=34.77	Pass
			50	20.87	-2.81	15.91	<=34.77	Pass
		100	0	20.98	-2.81	16.02	<=34.77	Pass
	683	1	0	22.15	-2.81	17.19	<=34.77	Pass
			50	21.66	-2.81	16.70	<=34.77	Pass
			99	21.46	-2.81	16.50	<=34.77	Pass
		50	0	20.85	-2.81	15.89	<=34.77	Pass
			25	20.70	-2.81	15.74	<=34.77	Pass
			50	20.48	-2.81	15.52	<=34.77	Pass
		100	0	20.66	-2.81	15.70	<=34.77	Pass
	688	1	0	21.92	-2.81	16.96	<=34.77	Pass
			50	21.70	-2.81	16.74	<=34.77	Pass
			99	21.52	-2.81	16.56	<=34.77	Pass
		50	0	20.59	-2.81	15.63	<=34.77	Pass
			25	20.58	-2.81	15.62	<=34.77	Pass
			50	20.46	-2.81	15.50	<=34.77	Pass
		100	0	20.53	-2.81	15.57	<=34.77	Pass
256QAM	673	1	0	18.69	-2.81	13.73	<=34.77	Pass
			50	19.17	-2.81	14.21	<=34.77	Pass

			99	18.80	-2.81	13.84	<=34.77	Pass
		50	0	18.98	-2.81	14.02	<=34.77	Pass
			25	19.11	-2.81	14.15	<=34.77	Pass
			50	18.99	-2.81	14.03	<=34.77	Pass
		100	0	18.99	-2.81	14.03	<=34.77	Pass
	683	1	0	19.18	-2.81	14.22	<=34.77	Pass
			50	18.63	-2.81	13.67	<=34.77	Pass
			99	18.49	-2.81	13.53	<=34.77	Pass
		50	0	18.91	-2.81	13.95	<=34.77	Pass
			25	18.70	-2.81	13.74	<=34.77	Pass
			50	18.55	-2.81	13.59	<=34.77	Pass
		100	0	18.71	-2.81	13.75	<=34.77	Pass
	688	1	0	18.94	-2.81	13.98	<=34.77	Pass
			50	18.55	-2.81	13.59	<=34.77	Pass
			99	18.57	-2.81	13.61	<=34.77	Pass
		50	0	18.64	-2.81	13.68	<=34.77	Pass
			25	18.61	-2.81	13.65	<=34.77	Pass
			50	18.51	-2.81	13.55	<=34.77	Pass
		100	0	18.54	-2.81	13.58	<=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	0.367	0.0005	-2.5 to 2.5	Pass
					NV	-1.253	-0.0018	-2.5 to 2.5	Pass
					HV	0.204	0.0003	-2.5 to 2.5	Pass
				-30	NV	0.037	0.0001	-2.5 to 2.5	Pass
				-20	NV	1.036	0.0015	-2.5 to 2.5	Pass
				-10	NV	0.816	0.0012	-2.5 to 2.5	Pass
				0	NV	1.127	0.0017	-2.5 to 2.5	Pass
				10	NV	-0.247	-0.0004	-2.5 to 2.5	Pass
				30	NV	-0.203	-0.0003	-2.5 to 2.5	Pass
				40	NV	-0.439	-0.0006	-2.5 to 2.5	Pass
				50	NV	0.018	0.0000	-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	4.574	/	Pass
	16QAM	680.5	25	0	4.565	/	Pass
	64QAM	680.5	25	0	4.566	/	Pass
	256QAM	680.5	25	0	4.562	/	Pass
10	QPSK	680.5	50	0	9.058	/	Pass
	16QAM	680.5	50	0	9.080	/	Pass
	64QAM	680.5	50	0	9.068	/	Pass
	256QAM	680.5	50	0	9.067	/	Pass
15	QPSK	680.5	75	0	13.627	/	Pass
	16QAM	680.5	75	0	13.596	/	Pass
	64QAM	680.5	75	0	13.620	/	Pass
	256QAM	680.5	75	0	13.602	/	Pass
20	QPSK	683	100	0	18.078	/	Pass
	16QAM	683	100	0	18.087	/	Pass
	64QAM	683	100	0	18.079	/	Pass
	256QAM	683	100	0	18.100	/	Pass

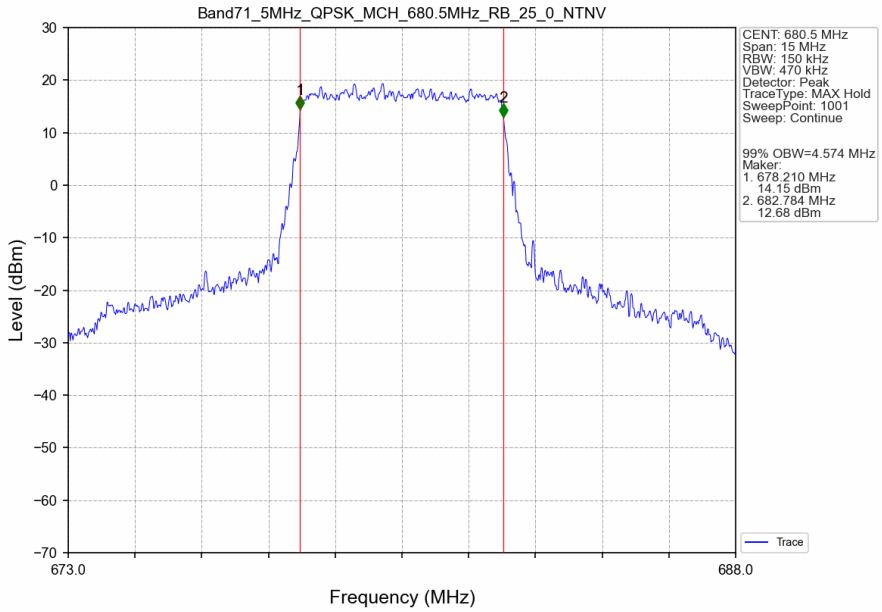
3.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.254	/	Pass
	16QAM	680.5	25	0	5.245	/	Pass
	64QAM	680.5	25	0	5.275	/	Pass
	256QAM	680.5	25	0	5.210	/	Pass
10	QPSK	680.5	50	0	10.112	/	Pass
	16QAM	680.5	50	0	10.115	/	Pass
	64QAM	680.5	50	0	10.220	/	Pass
	256QAM	680.5	50	0	10.150	/	Pass
15	QPSK	680.5	75	0	15.186	/	Pass
	16QAM	680.5	75	0	15.063	/	Pass
	64QAM	680.5	75	0	15.207	/	Pass
	256QAM	680.5	75	0	15.066	/	Pass
20	QPSK	683	100	0	19.488	/	Pass
	16QAM	683	100	0	19.990	/	Pass
	64QAM	683	100	0	20.114	/	Pass
	256QAM	683	100	0	19.978	/	Pass

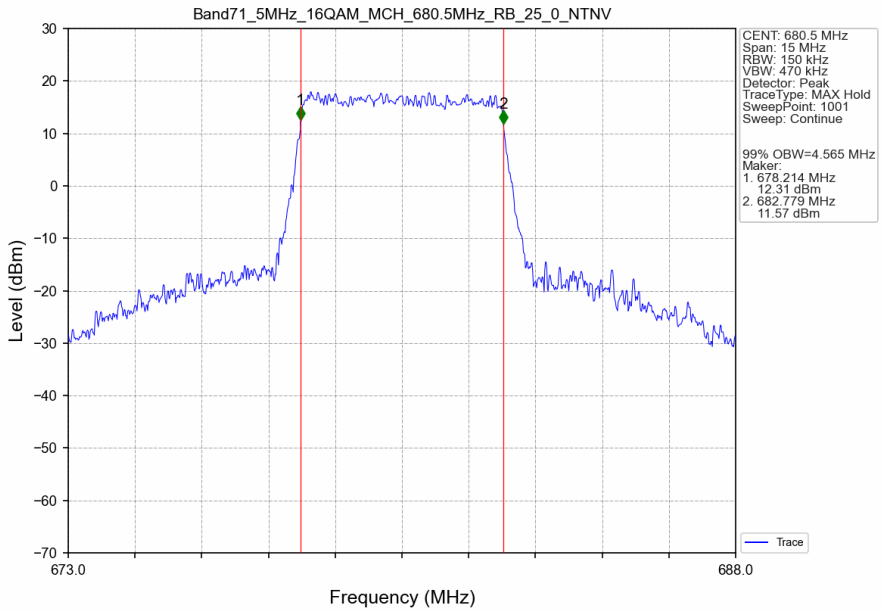
3.2 Test Graph

3.2.1 Band71_OBW

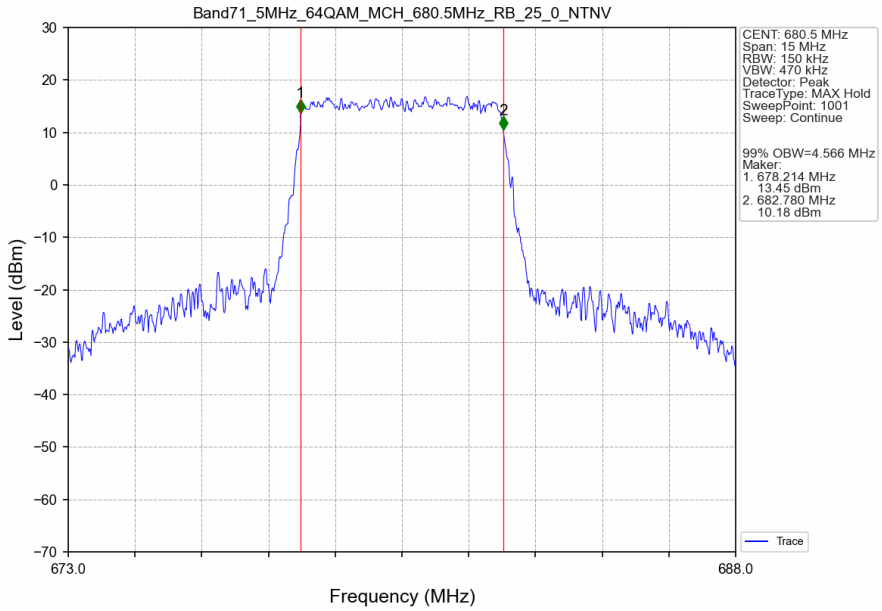
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



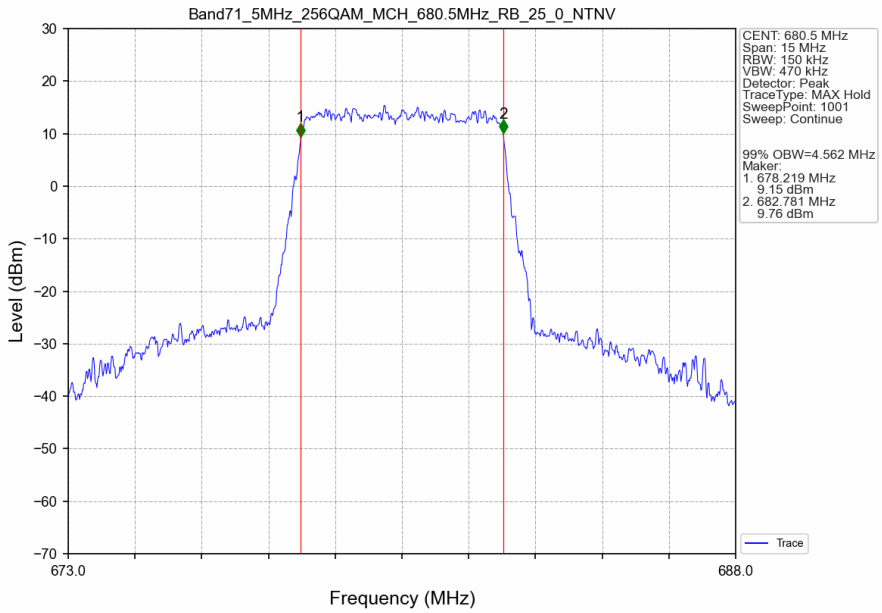
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



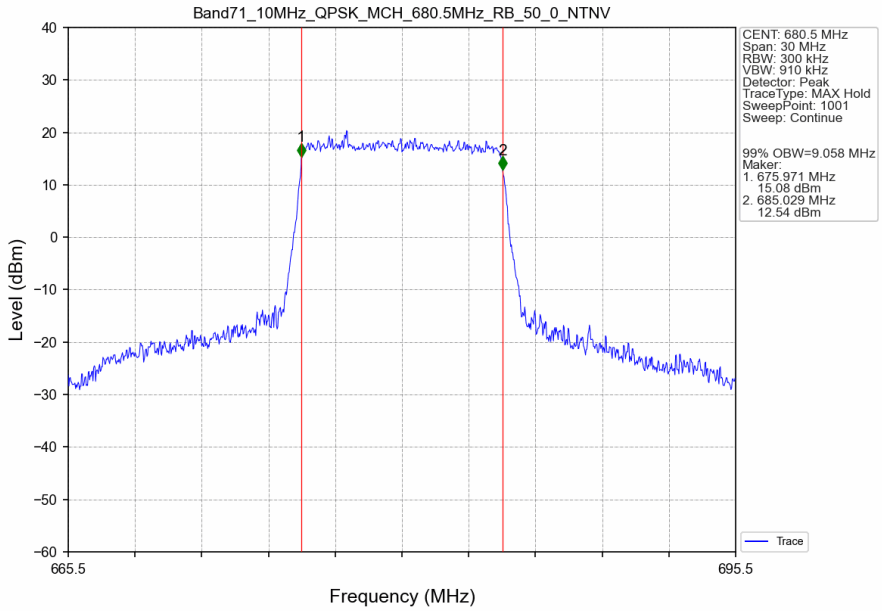
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



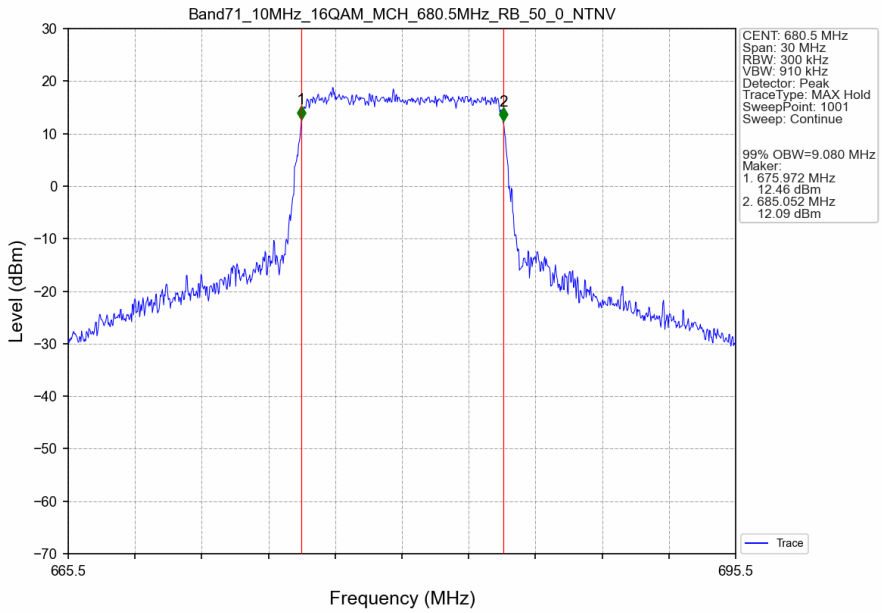
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



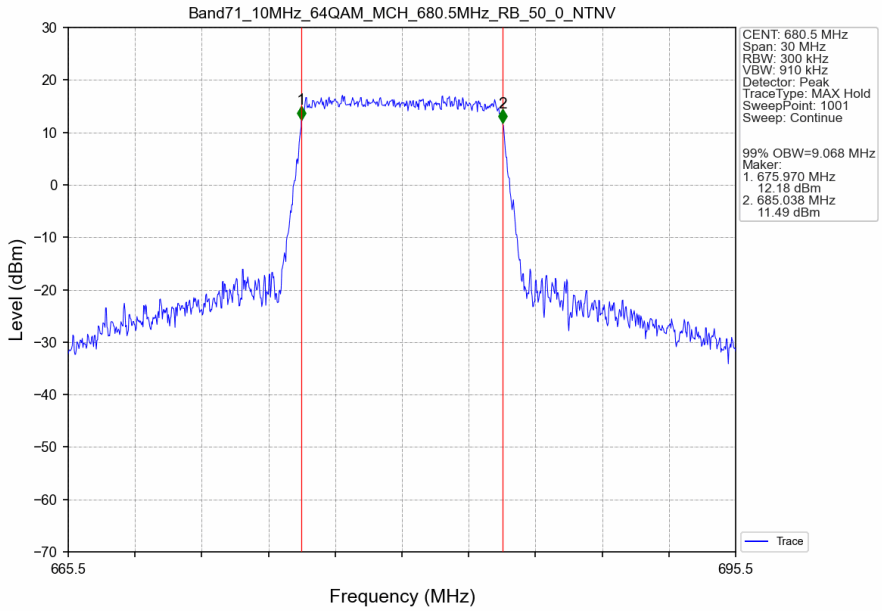
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



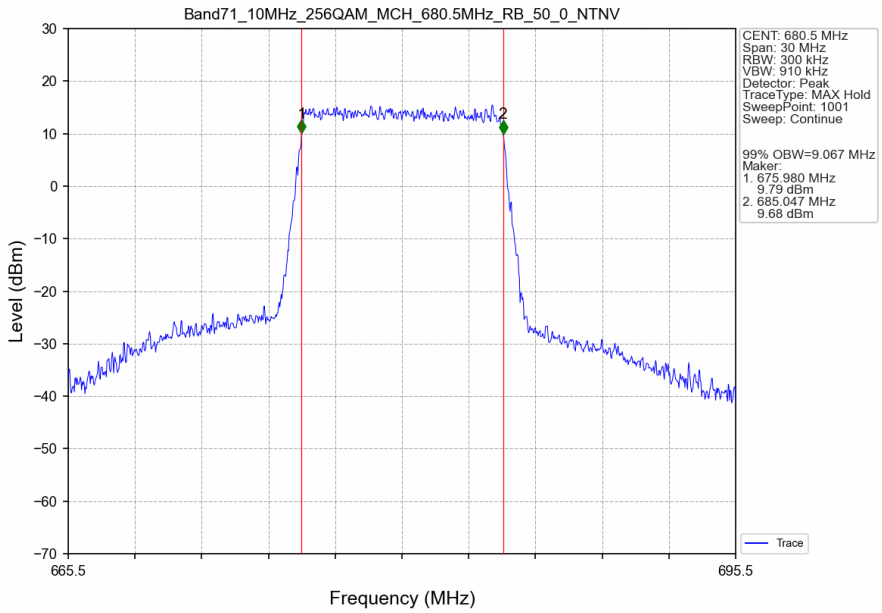
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



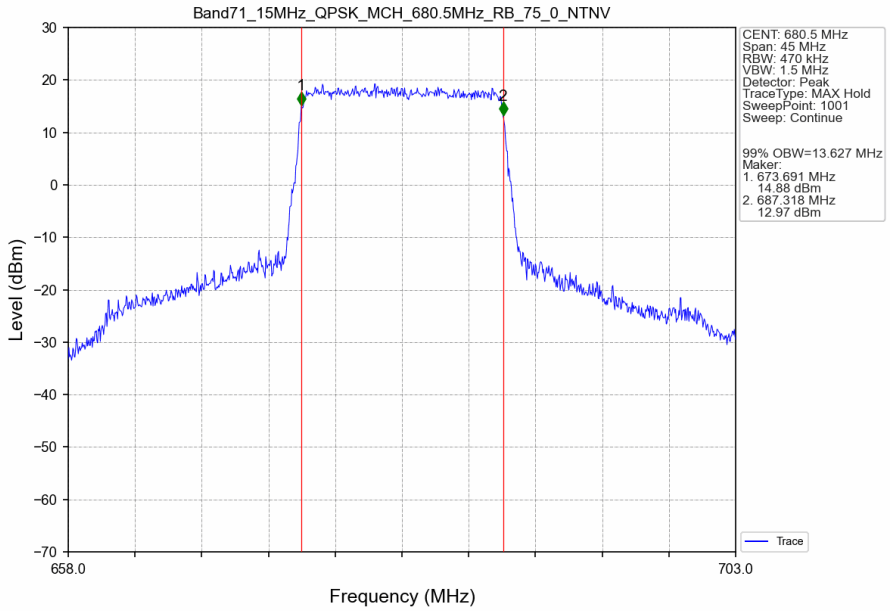
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



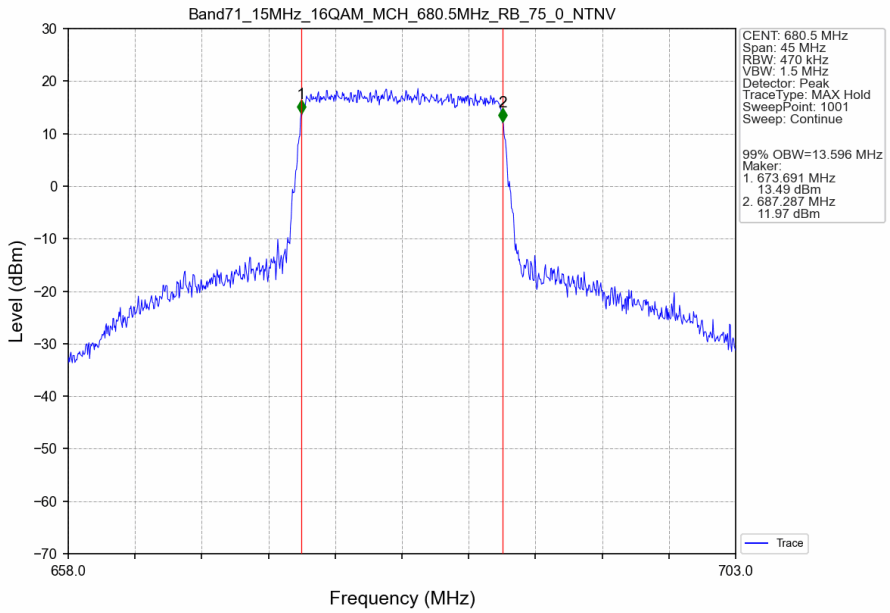
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



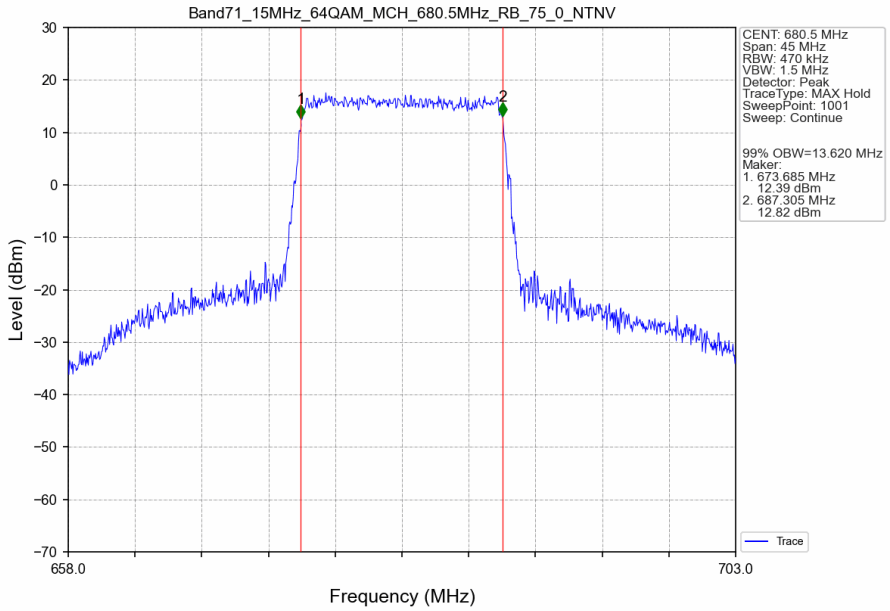
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



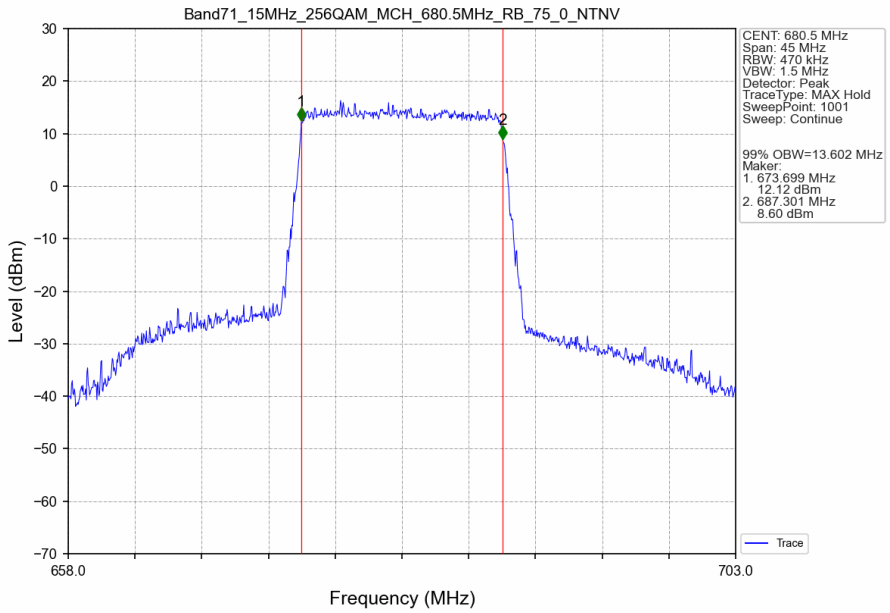
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



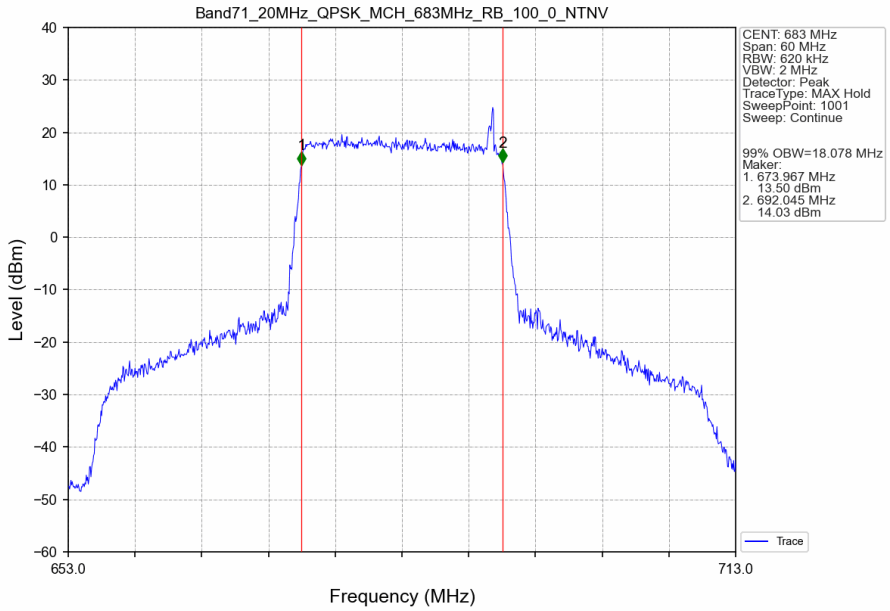
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



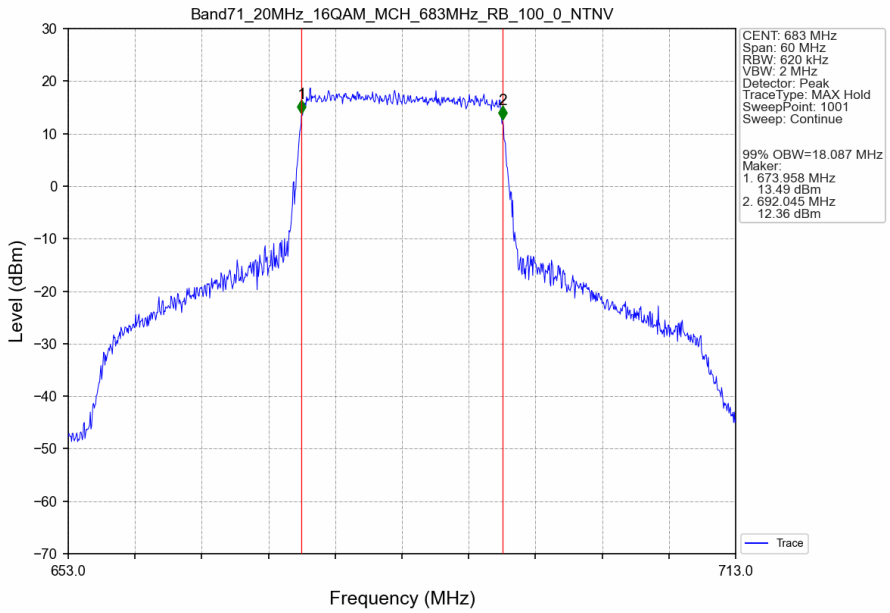
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



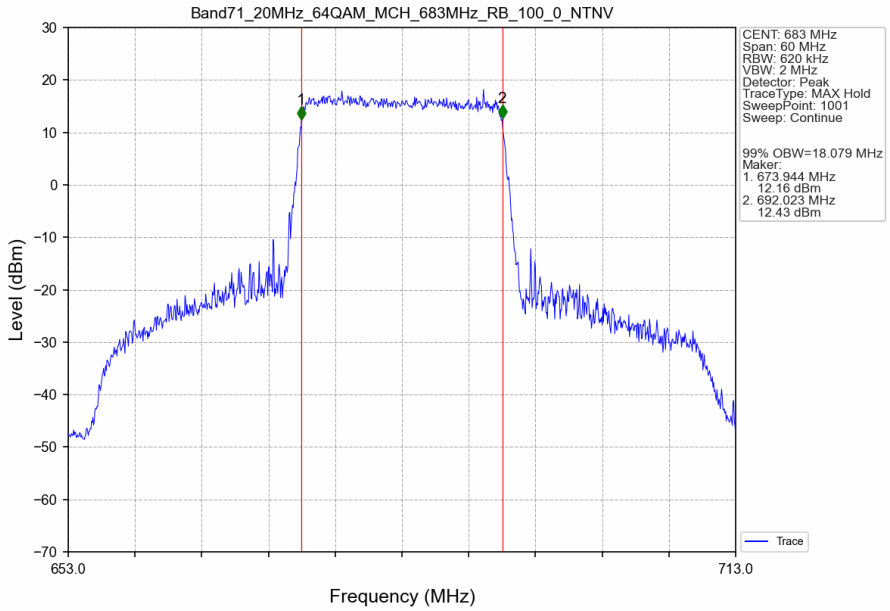
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



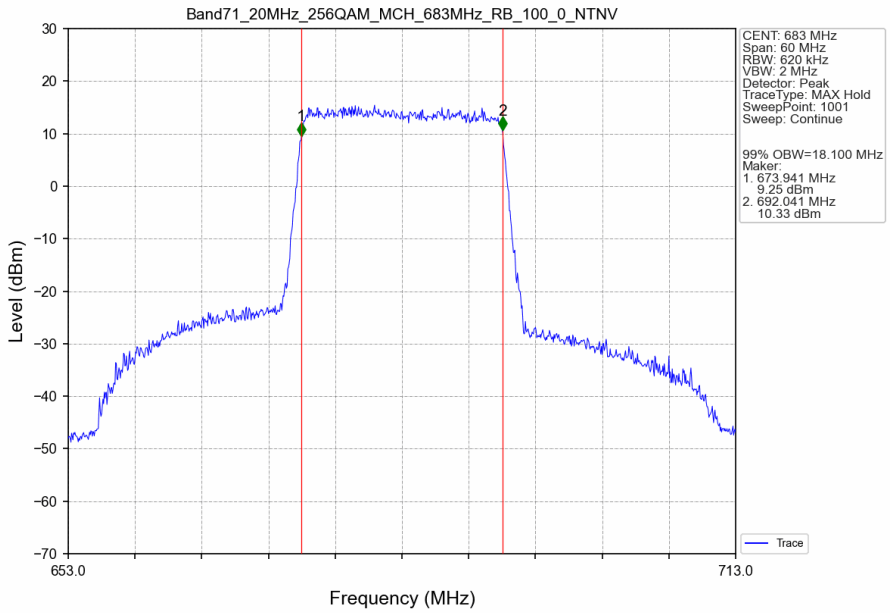
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



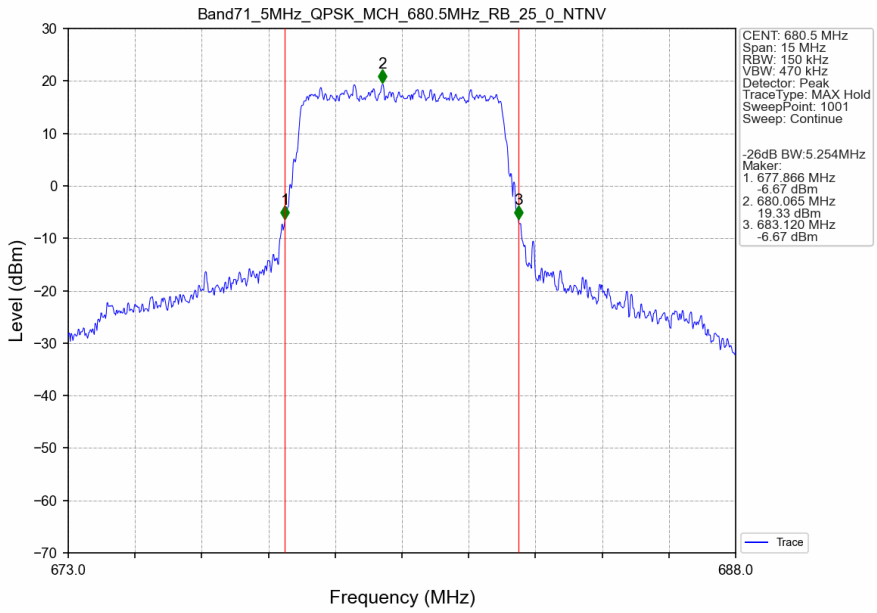
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV

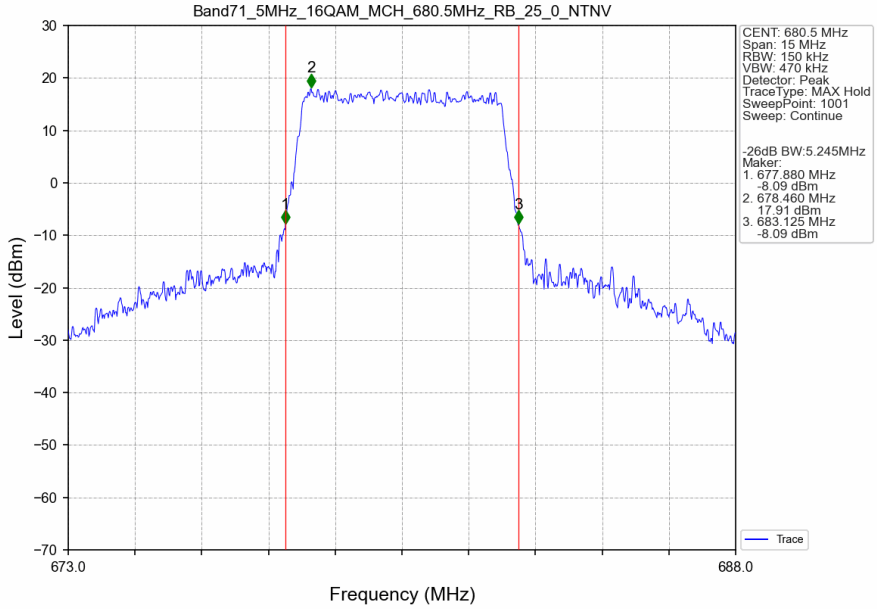


Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV

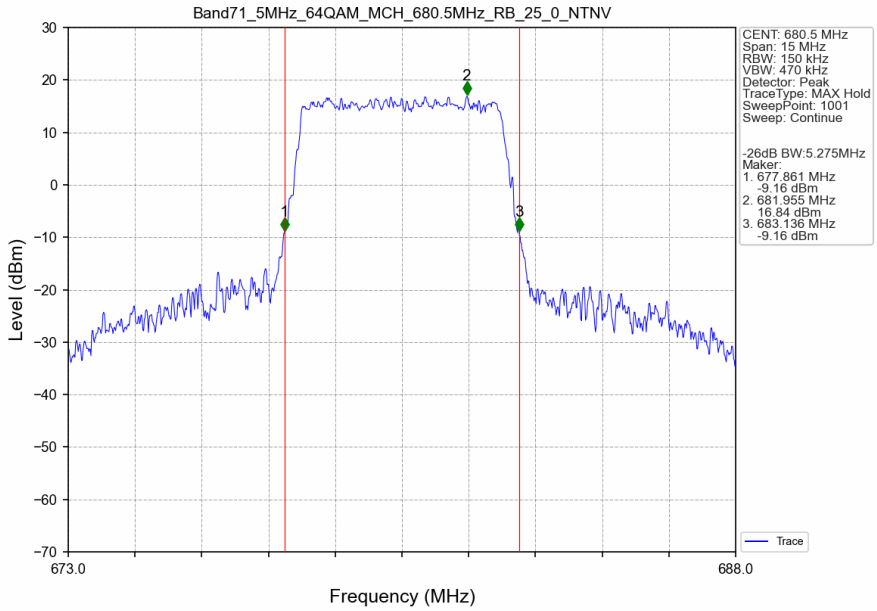


3.2.2 Band71_XDB

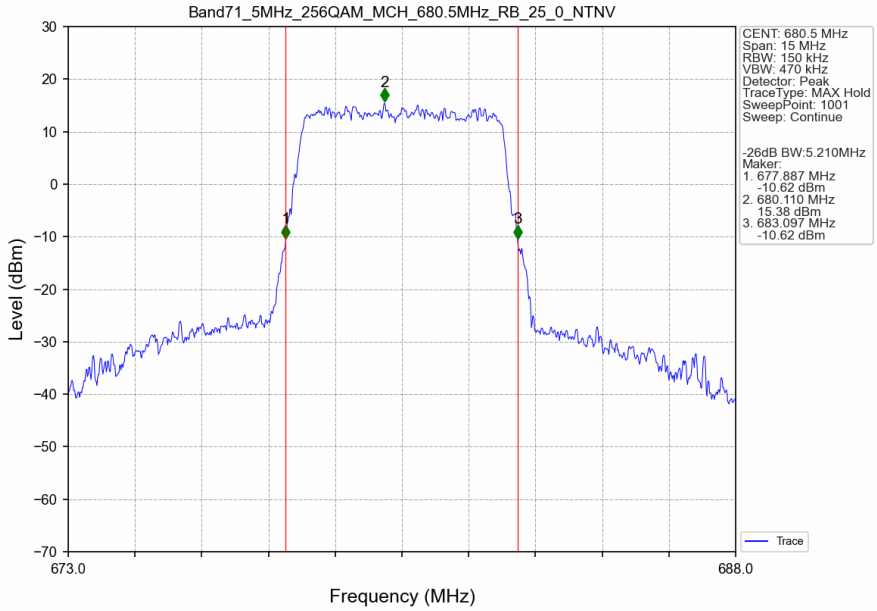
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV


Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV


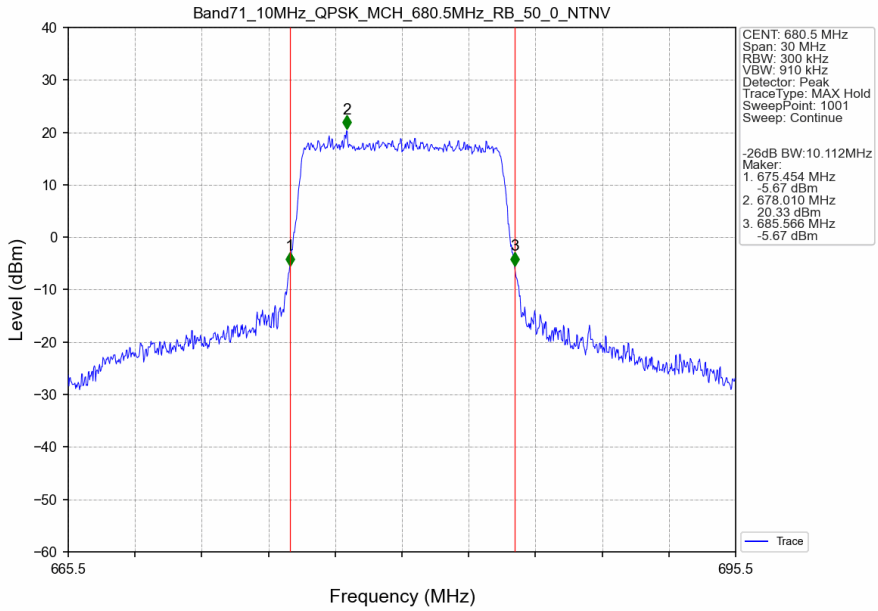
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



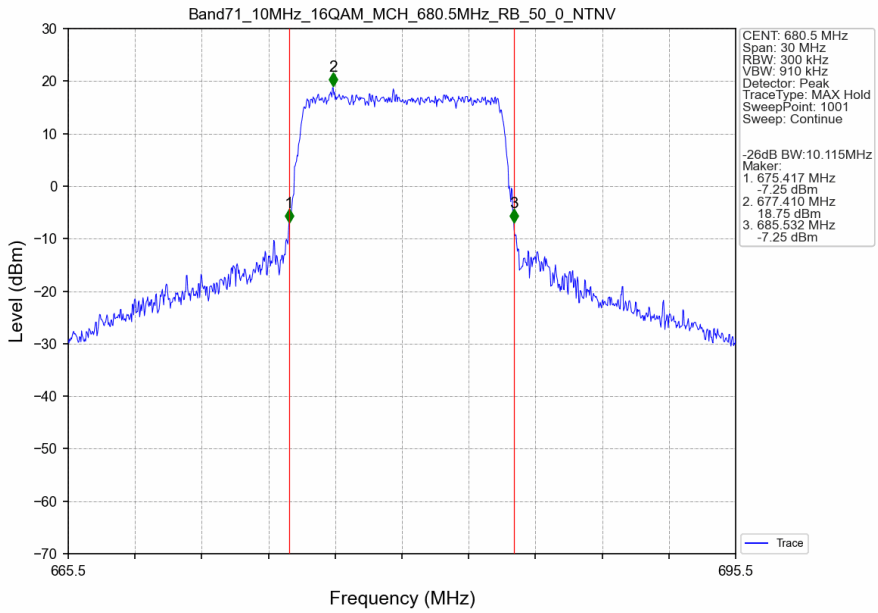
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



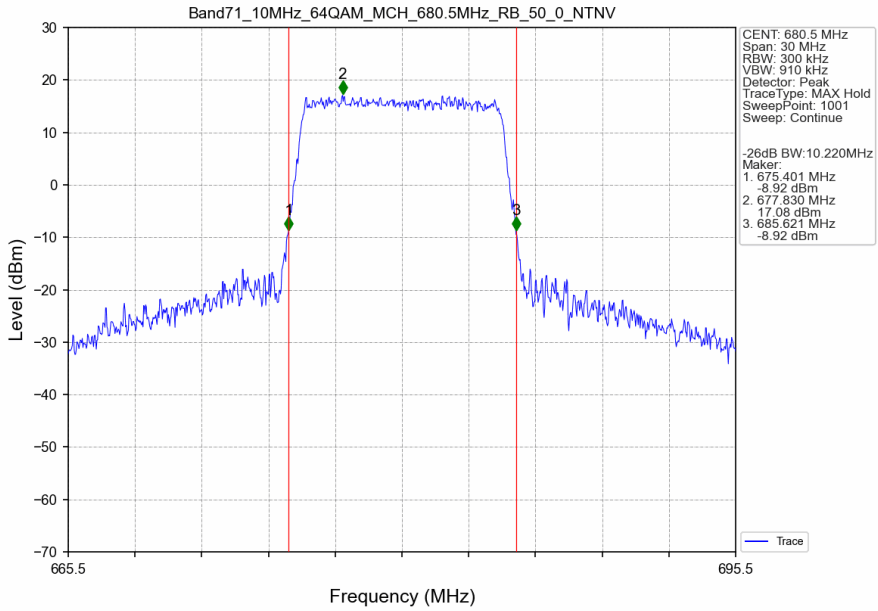
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



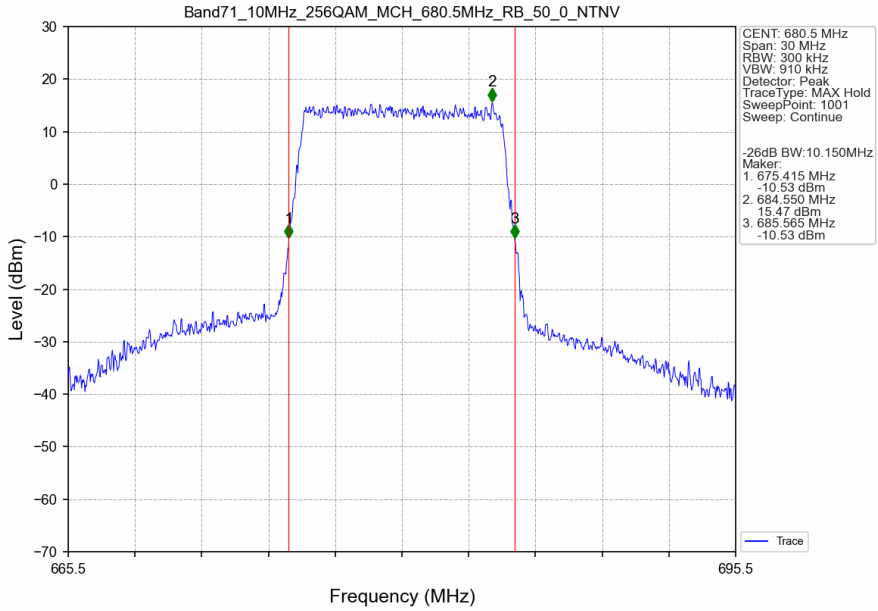
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



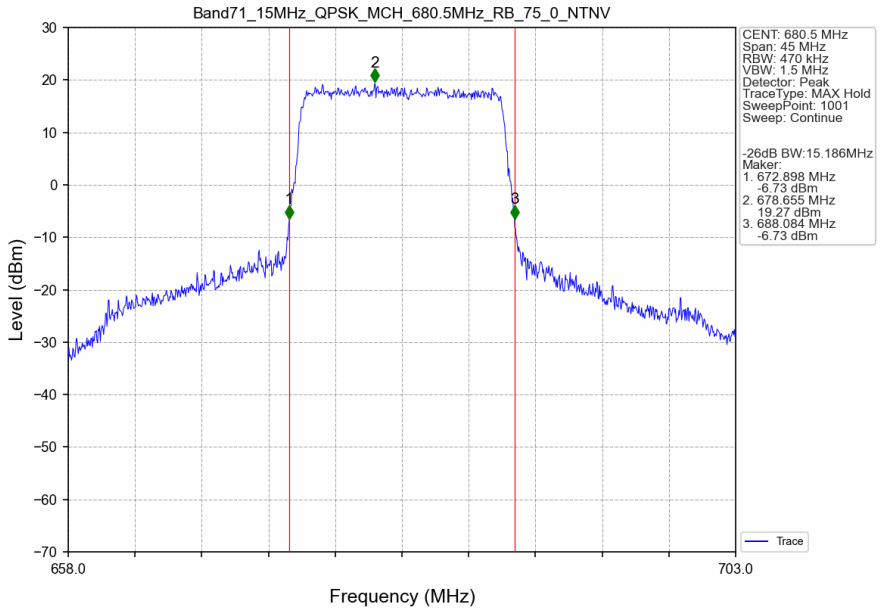
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



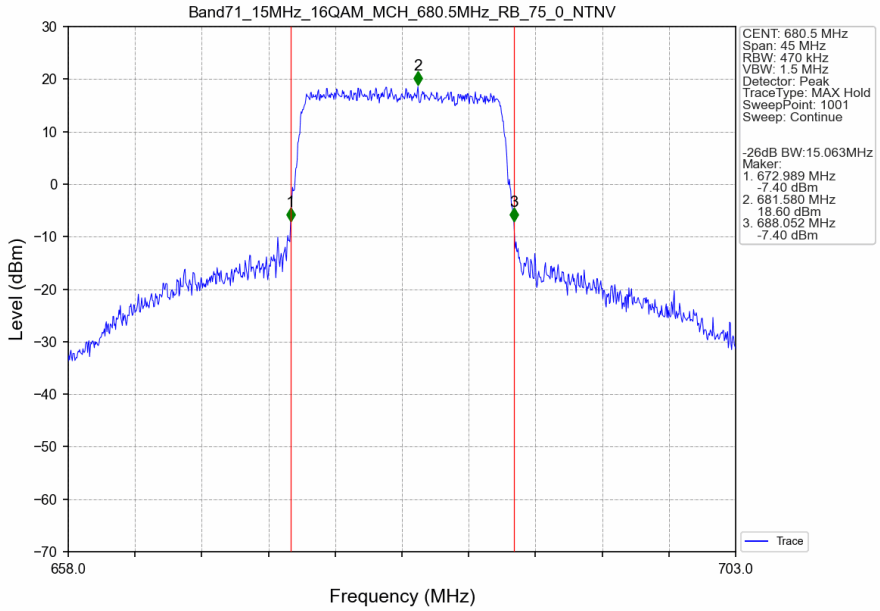
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



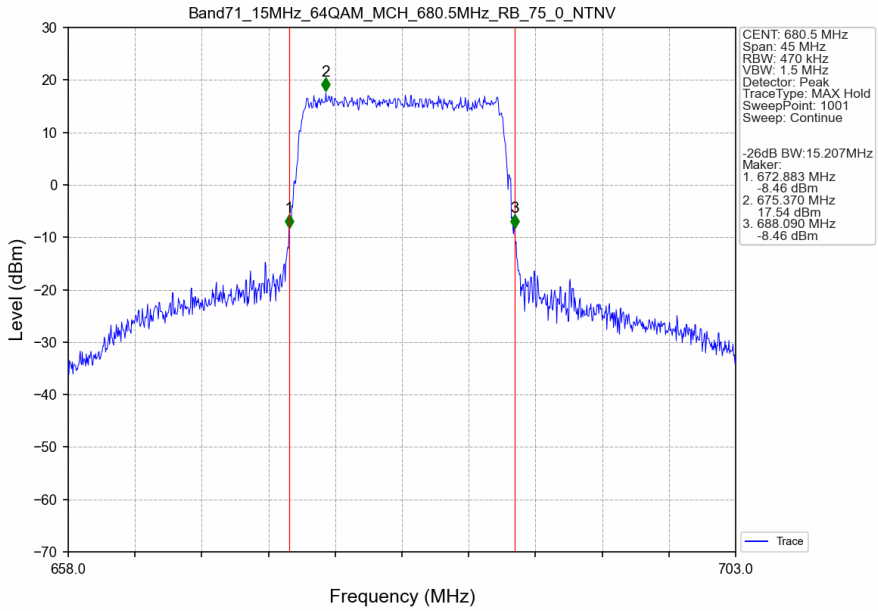
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



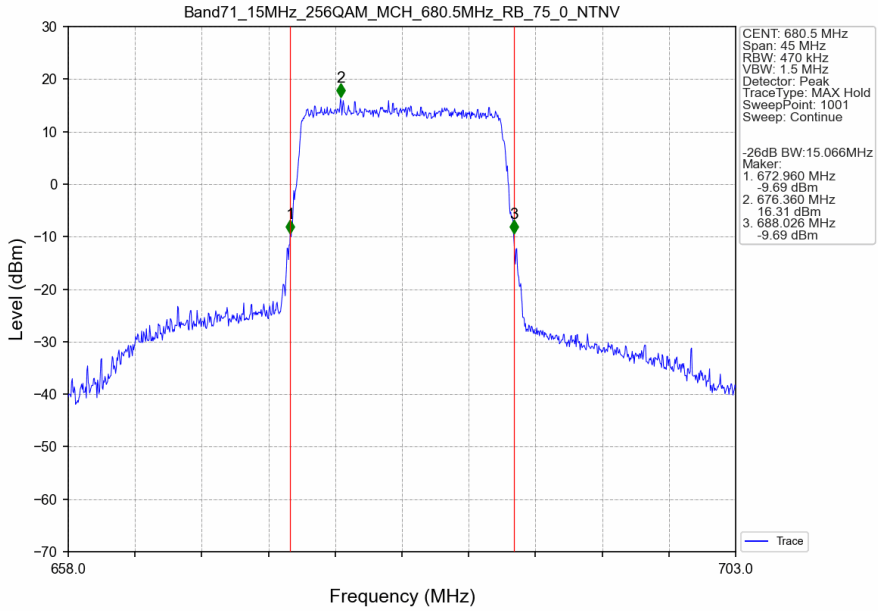
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



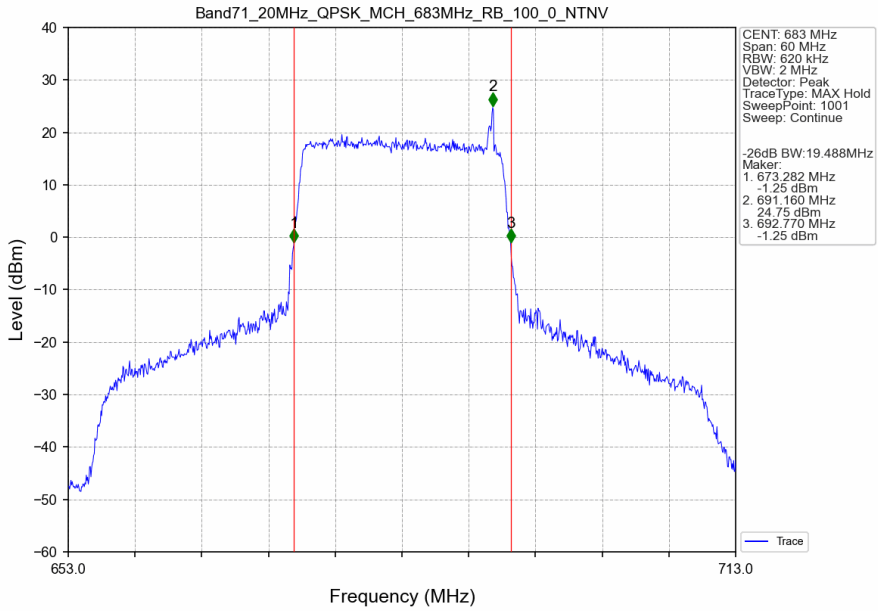
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



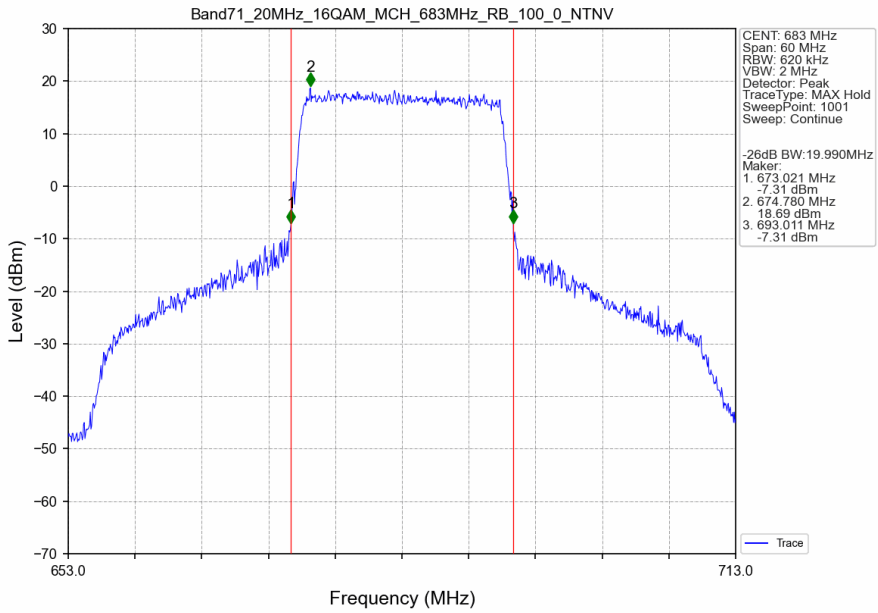
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



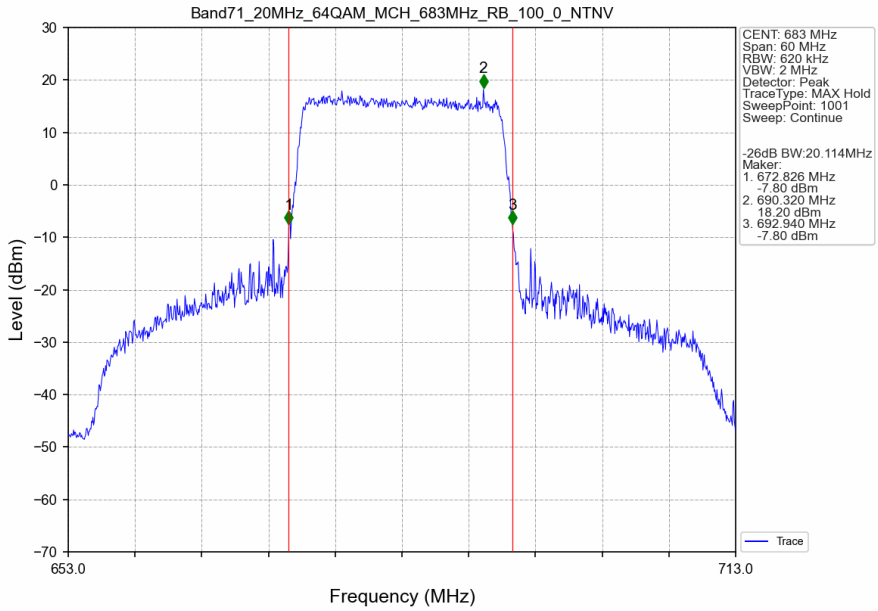
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



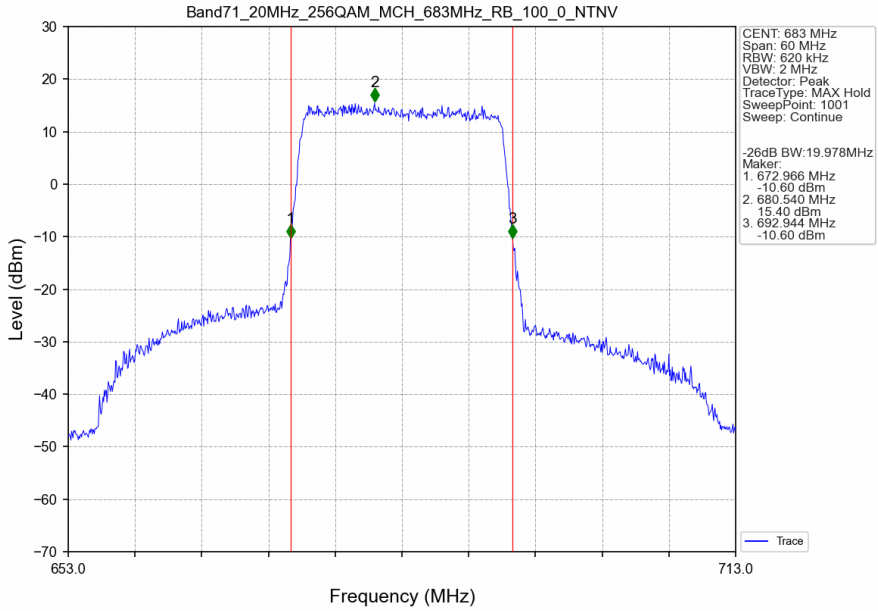
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



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

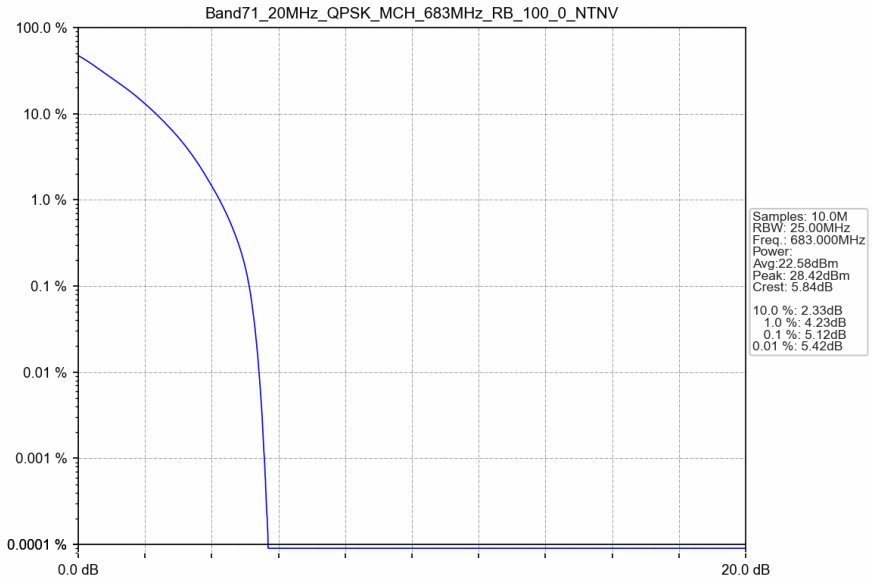
4.1.1 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	5.12	<=13	Pass
16QAM	683	100	0	5.98	<=13	Pass
64QAM	683	100	0	6.40	<=13	Pass
256QAM	683	100	0	6.68	<=13	Pass

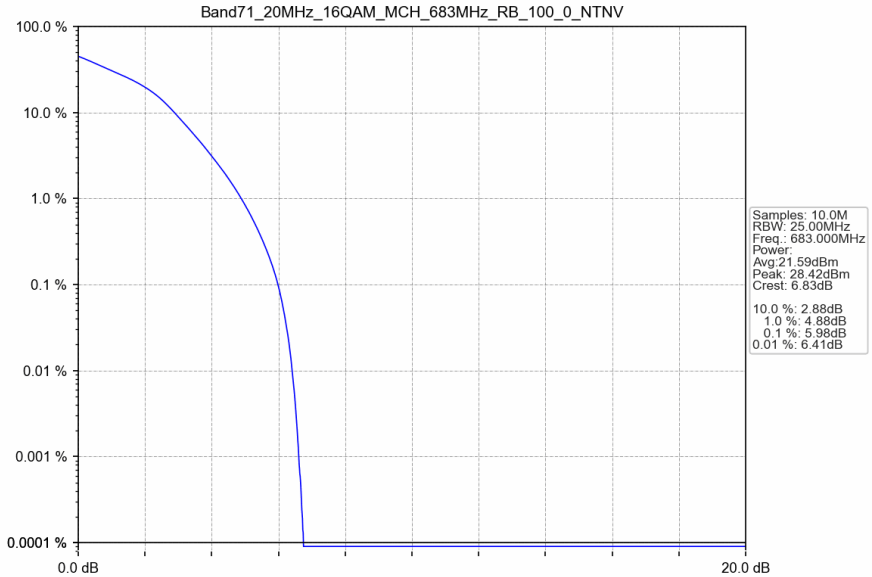
4.2 Test Graph

4.2.1 B71_20MHz

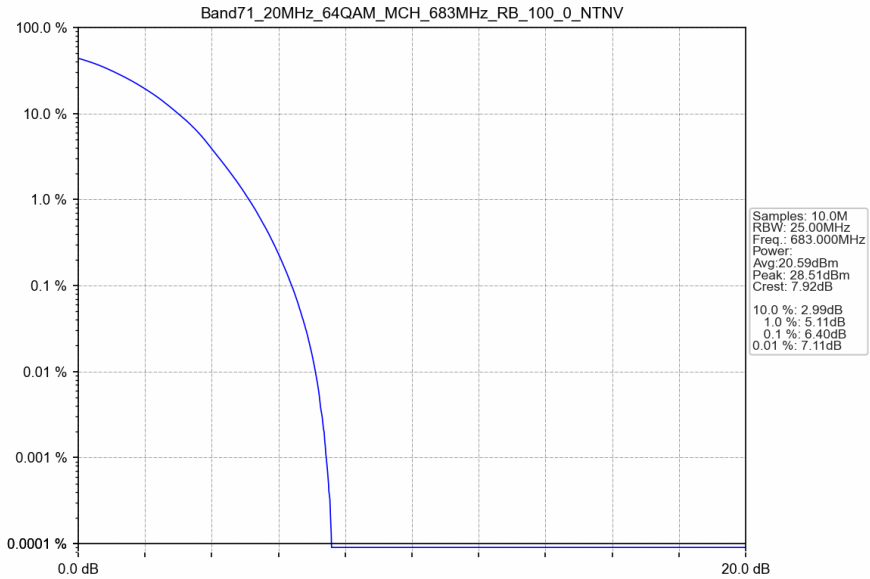
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



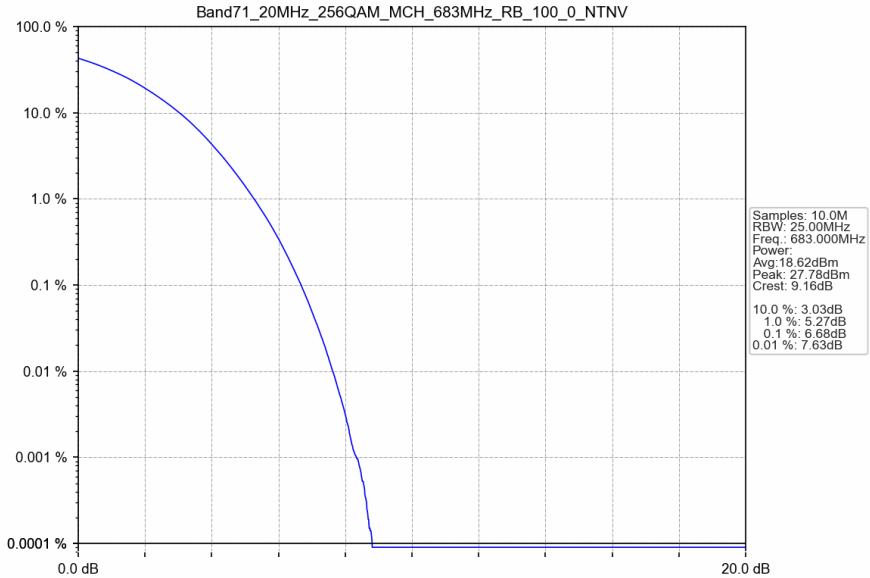
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



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

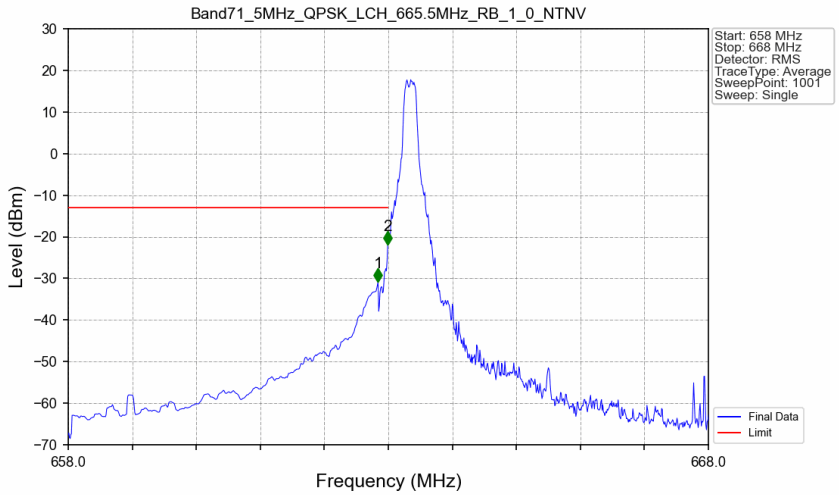
5.1.4 B71_20MHz

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

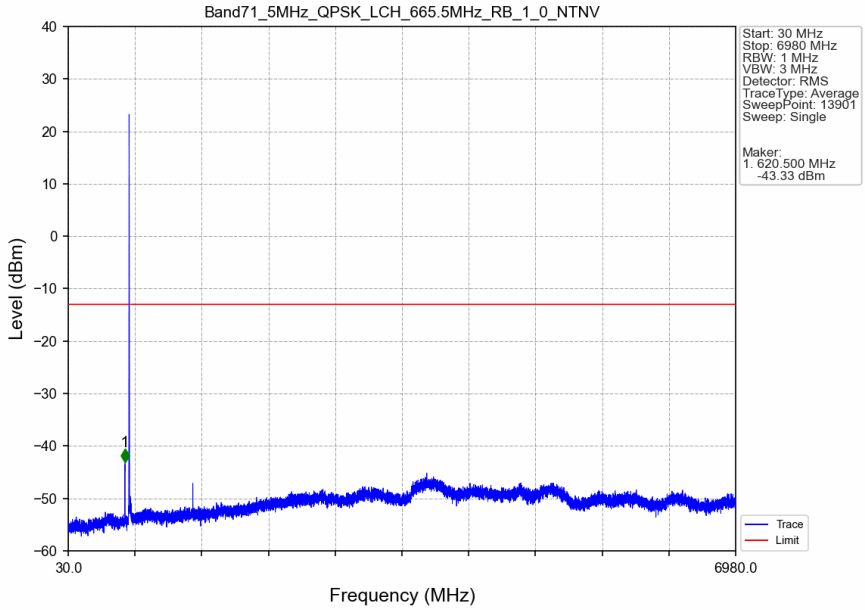
5.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

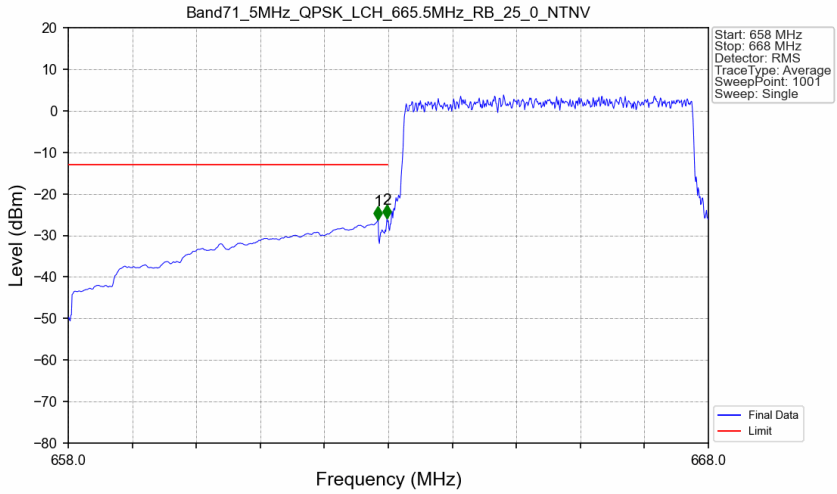


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-30.84	-13	Pass
662.9	663	0.03	/	2	662.990	-21.93	-13	Pass
663	668	0.03	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

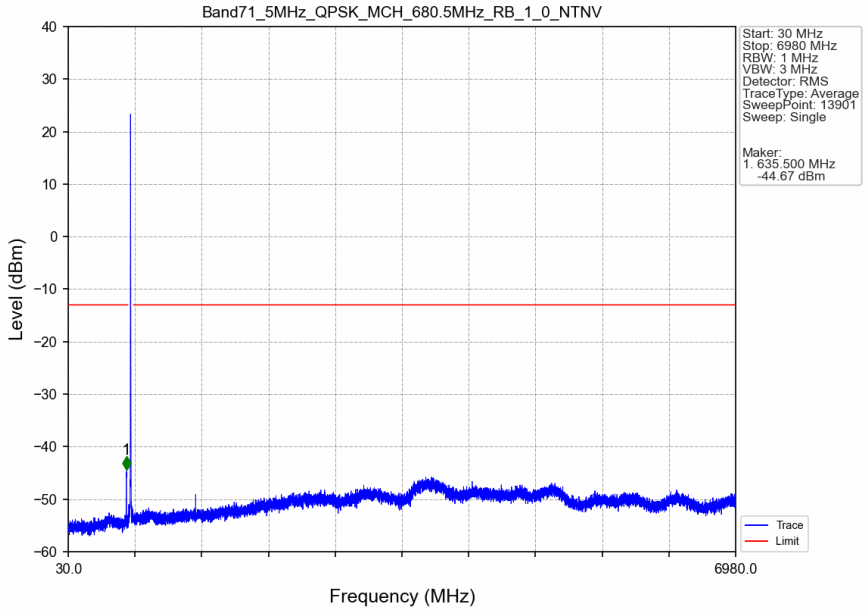


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

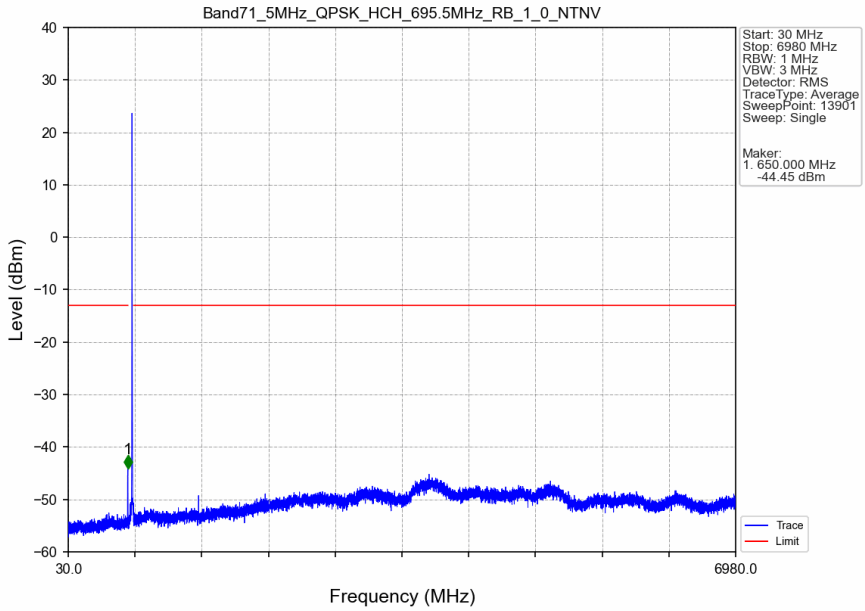


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-26.16	-13	Pass
662.9	663	0.03	/	2	662.980	-25.86	-13	Pass
663	668	0.03	/	/	/	/	/	/

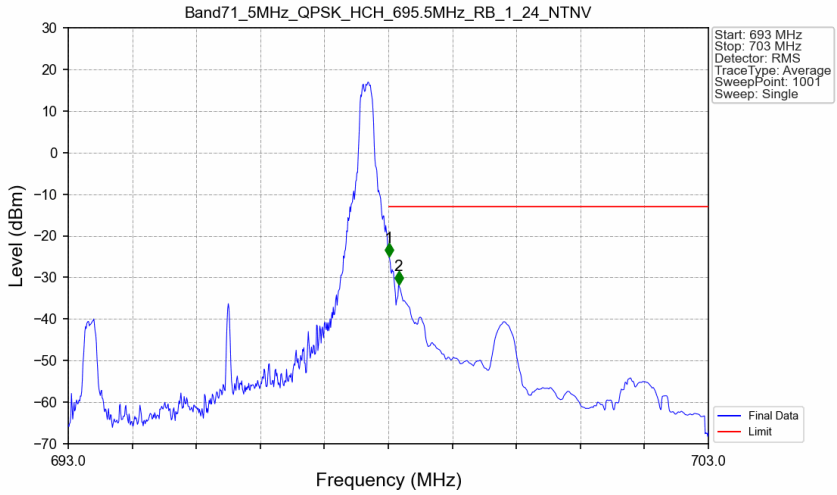
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

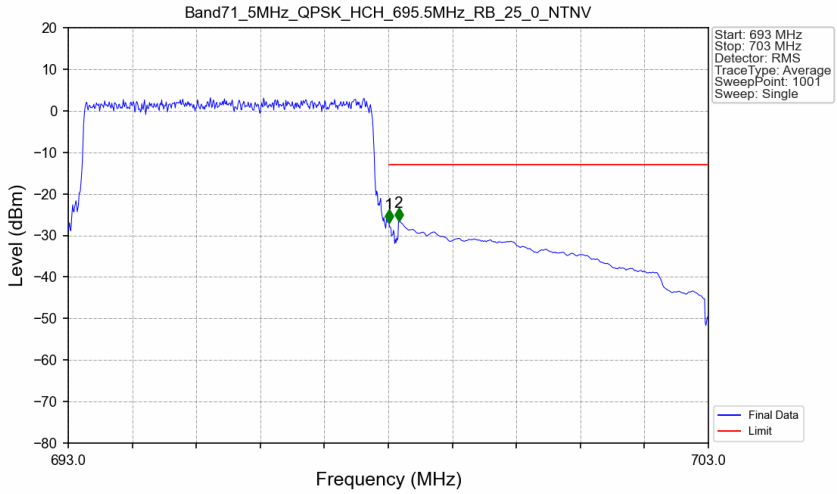


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



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	-24.94	-13	Pass
698.1	703	0.1	CHP	2	698.160	-31.72	-13	Pass

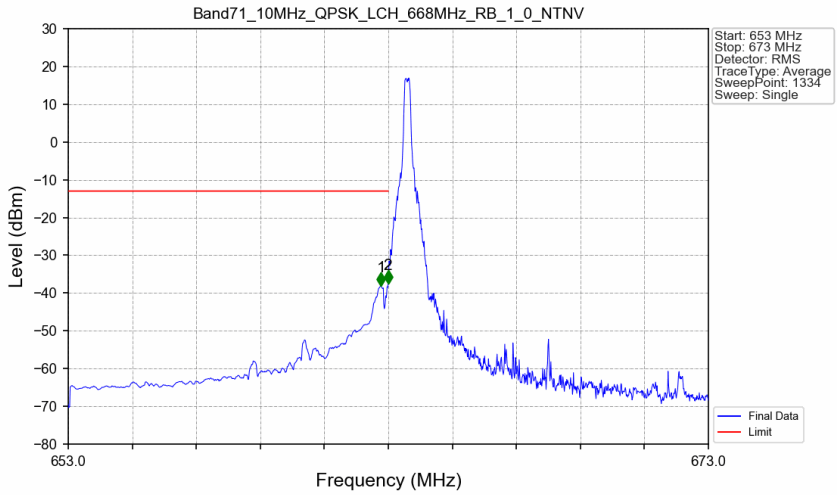
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



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	-27.01	-13	Pass
698.1	703	0.1	CHP	2	698.160	-26.50	-13	Pass

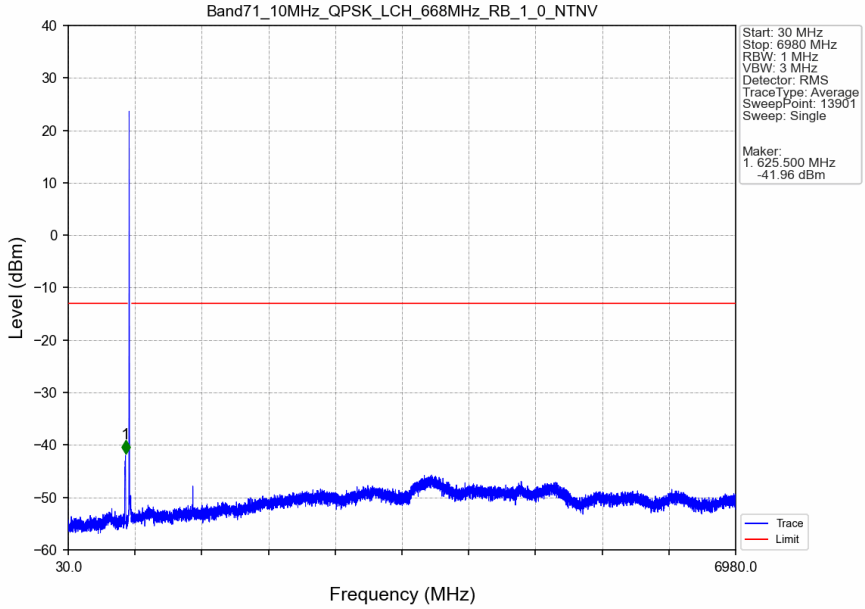
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

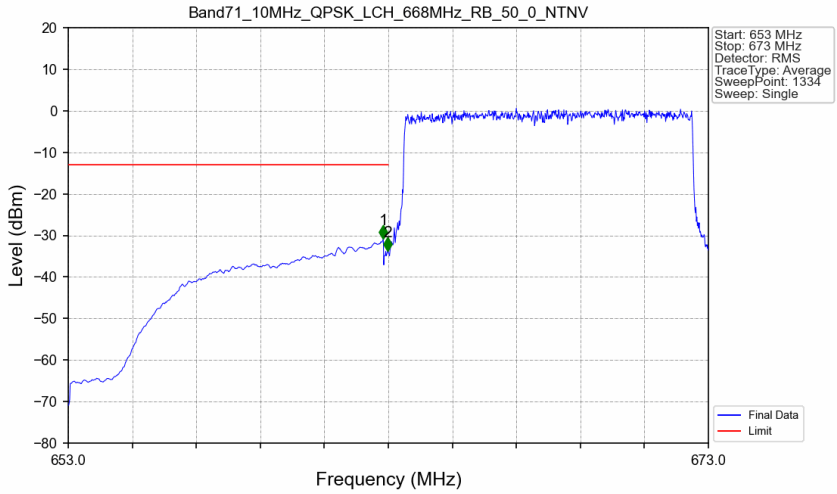


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.767	-38.14	-13	Pass
662.9	663	0.03	/	2	662.992	-37.49	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

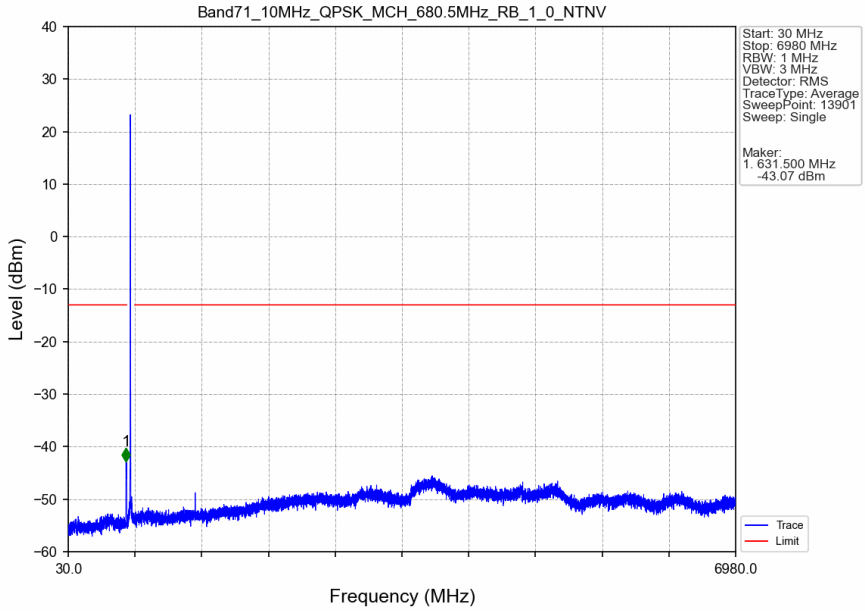


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

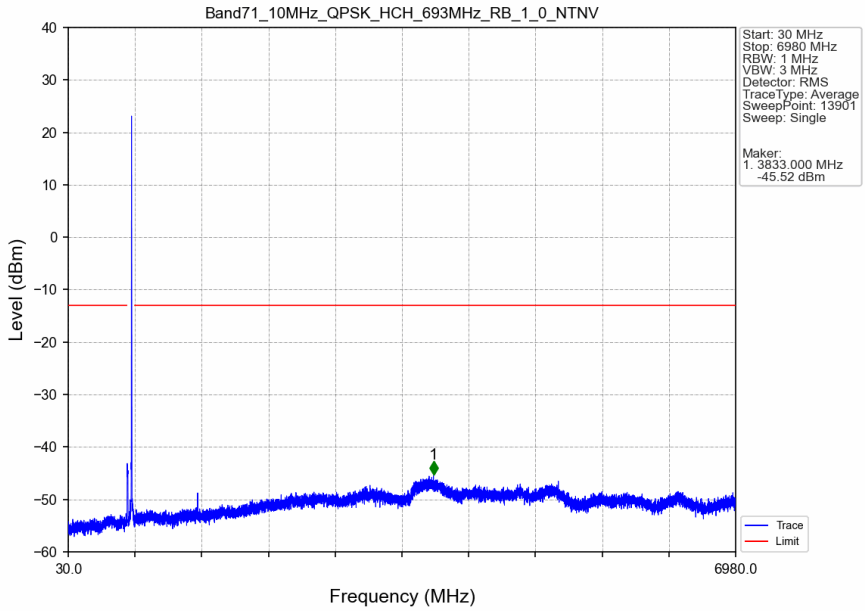


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-30.84	-13	Pass
662.9	663	0.03	/	2	662.977	-33.73	-13	Pass
663	673	0.03	/	/	/	/	/	/

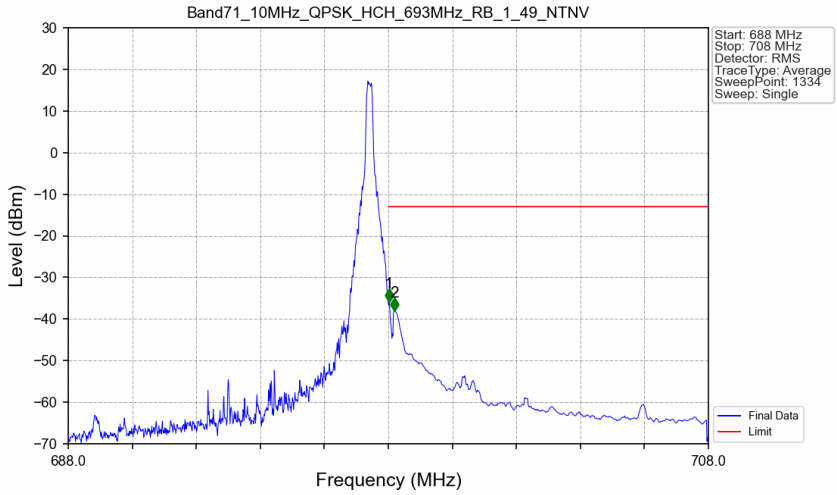
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

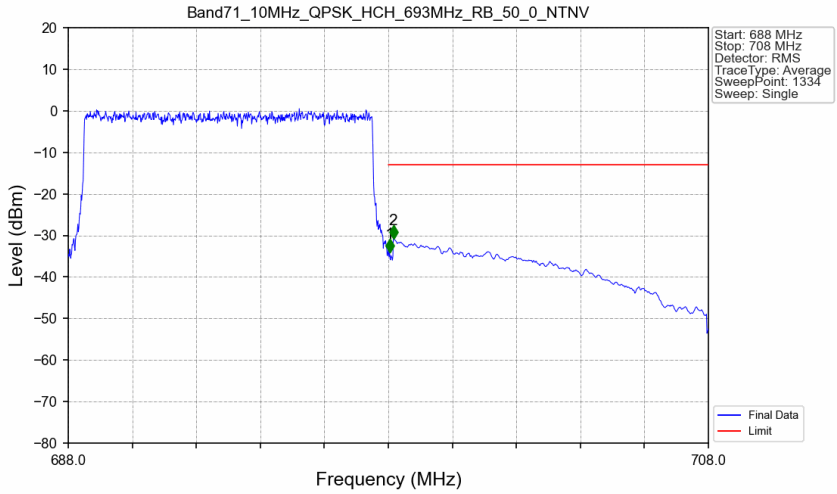


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



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	698.023	-35.89	-13	Pass
698.1	708	0.1	CHP	2	698.188	-38.06	-13	Pass

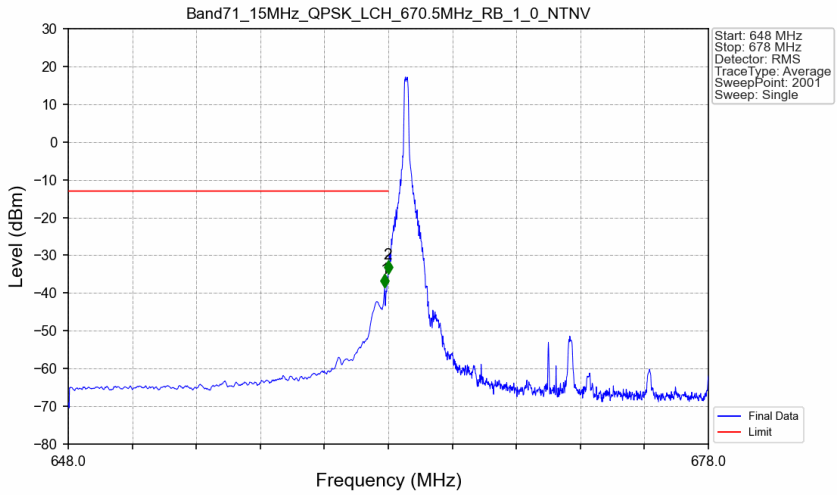
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



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	698.038	-34.05	-13	Pass
698.1	708	0.1	CHP	2	698.158	-30.72	-13	Pass

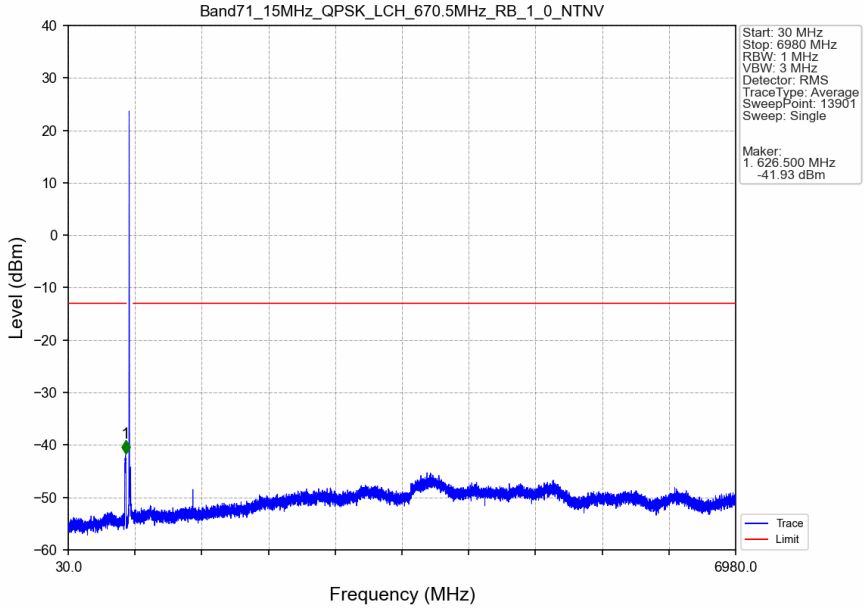
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

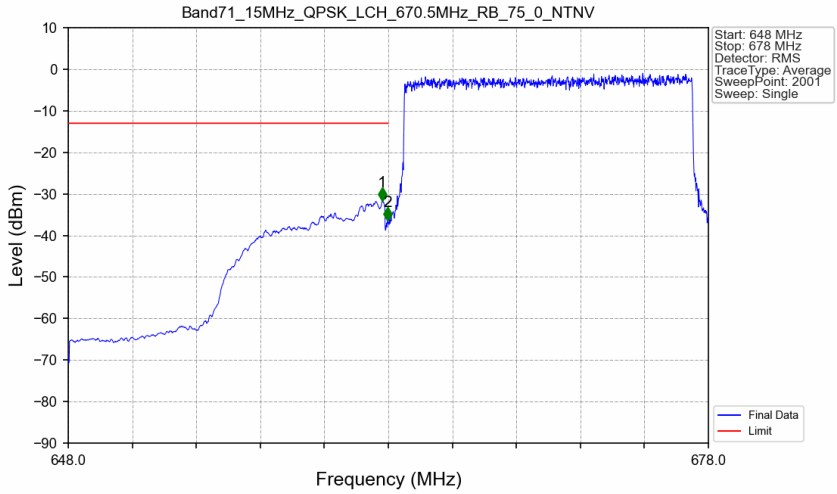


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-38.37	-13	Pass
662.9	663	0.03	/	2	662.985	-34.76	-13	Pass
663	678	0.03	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

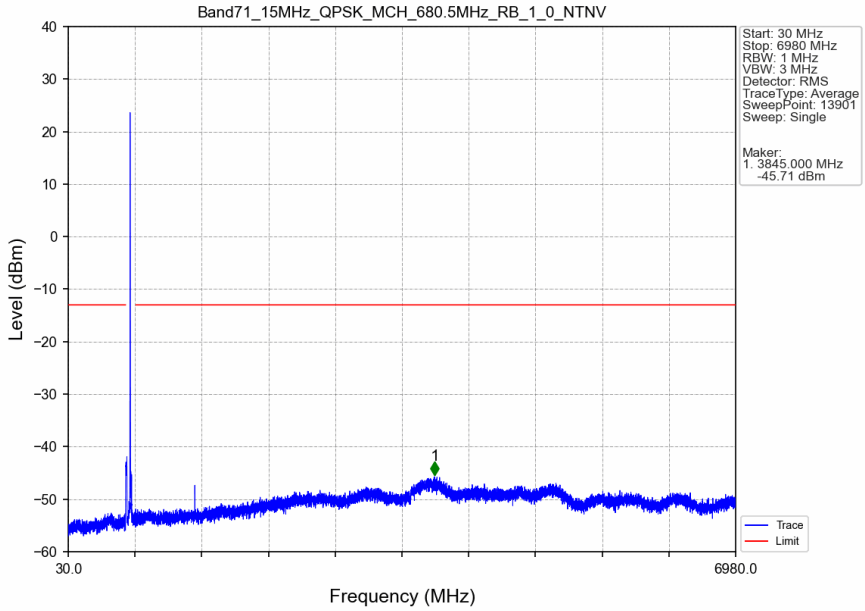


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

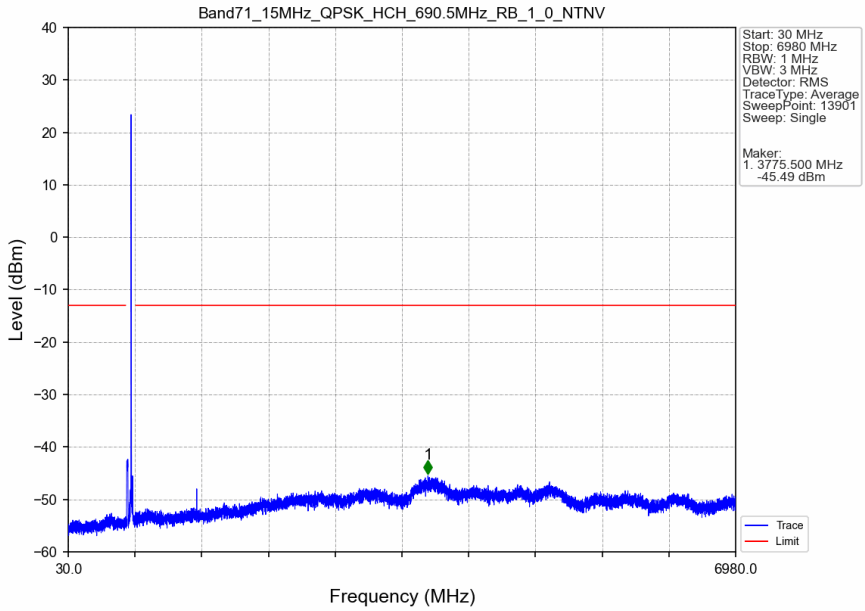


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.715	-31.68	-13	Pass
662.9	663	0.03	/	2	662.970	-36.47	-13	Pass
663	678	0.03	/	/	/	/	/	/

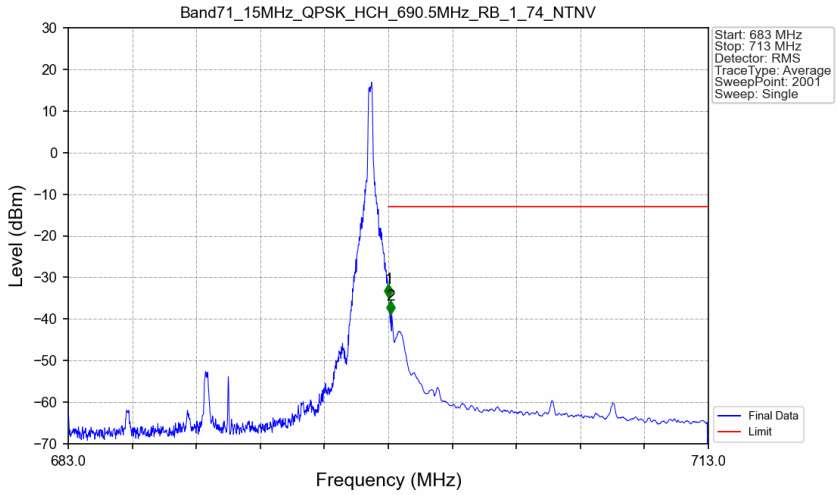
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

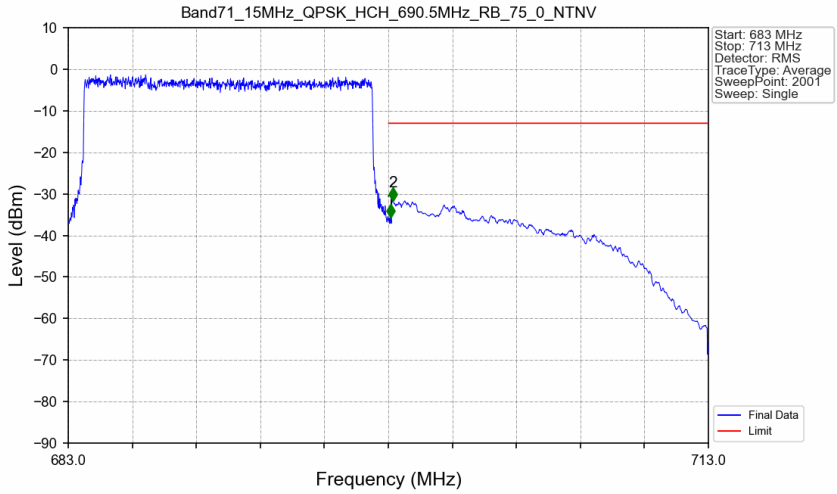


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



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	698.015	-34.87	-13	Pass
698.1	713	0.1	CHP	2	698.105	-38.80	-13	Pass

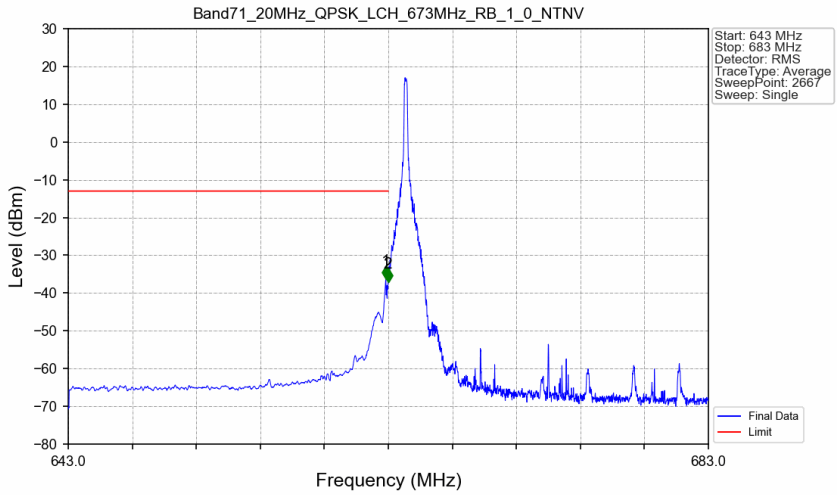
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



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	-35.61	-13	Pass
698.1	713	0.1	CHP	2	698.225	-31.67	-13	Pass

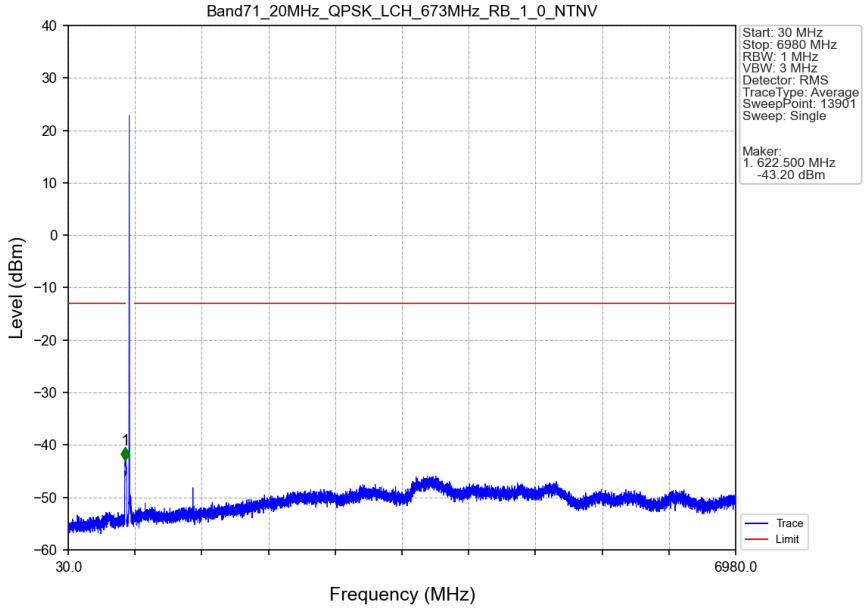
5.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

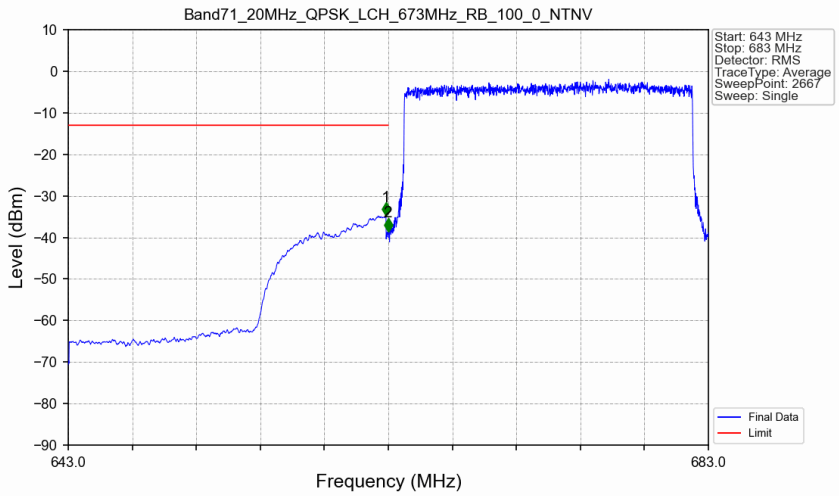


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-36.24	-13	Pass
662.9	663	0.03	/	2	662.985	-37.03	-13	Pass
663	683	0.03	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

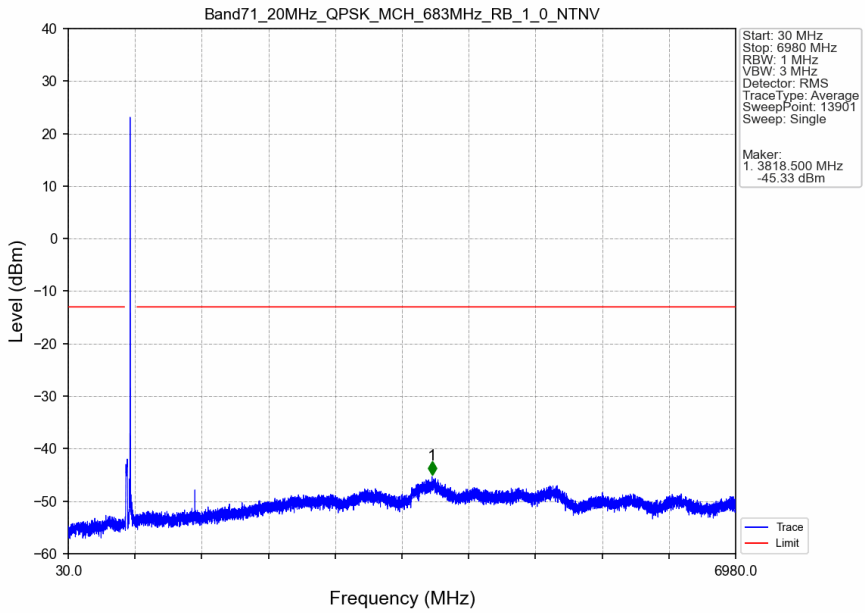


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

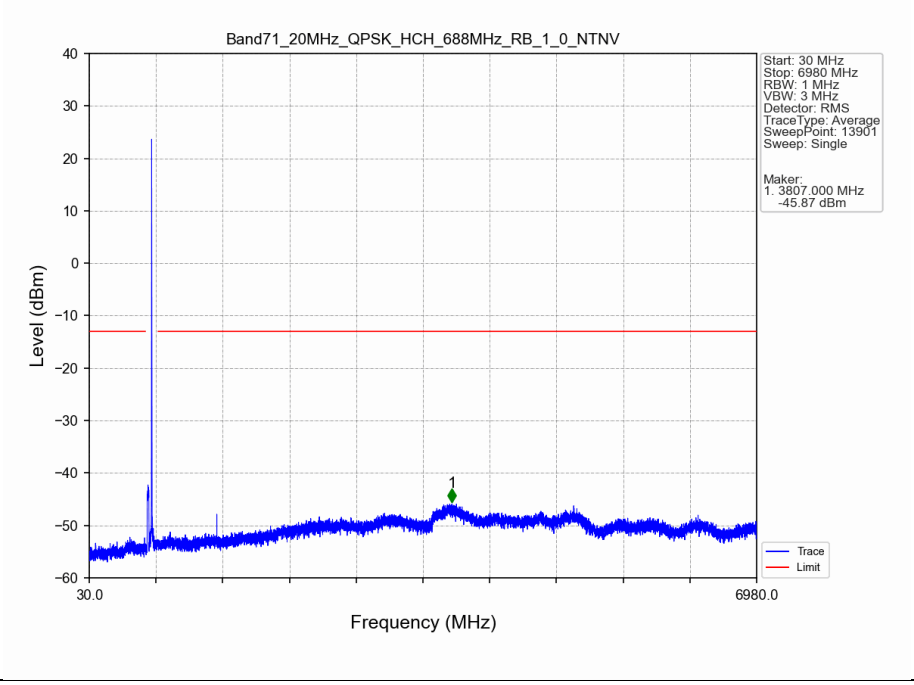


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-34.72	-13	Pass
662.9	663	0.03	/	2	662.985	-38.49	-13	Pass
663	683	0.03	/	/	/	/	/	/

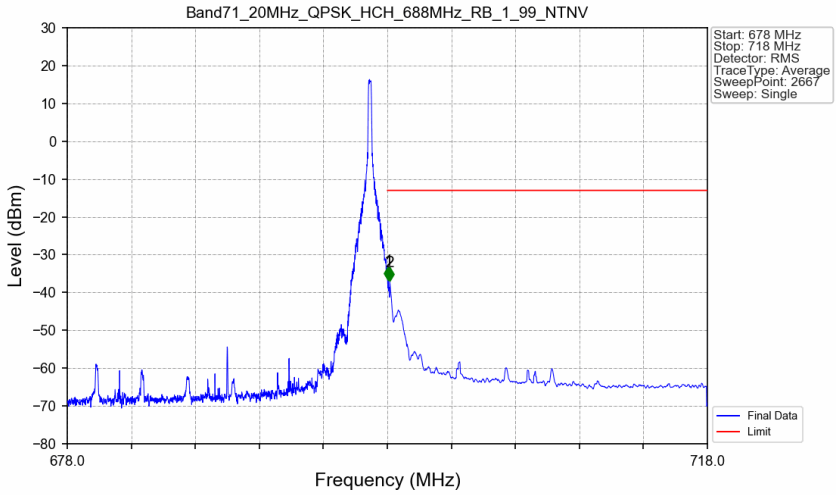
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

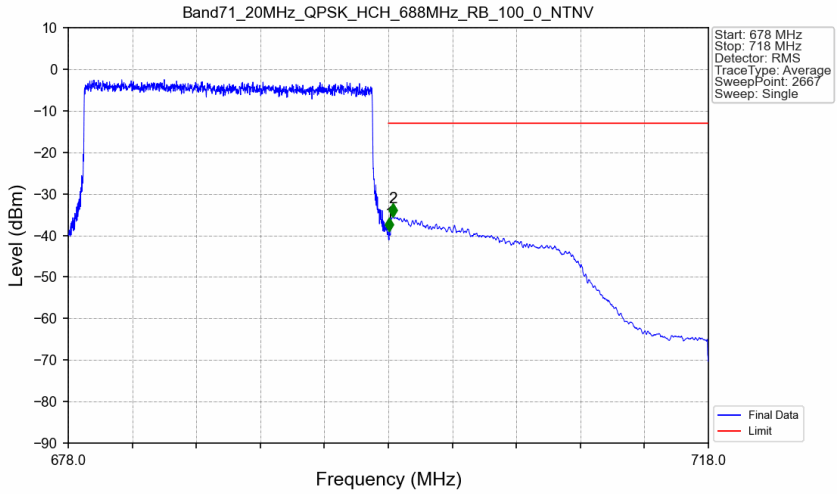


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



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	-36.56	-13	Pass
698.1	718	0.1	CHP	2	698.150	-36.83	-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	-38.90	-13	Pass
698.1	718	0.1	CHP	2	698.285	-35.49	-13	Pass