

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	22.80	-5.84	14.81	<=34.77	Pass
			13	23.15	-5.84	15.16	<=34.77	Pass
			24	23.10	-5.84	15.11	<=34.77	Pass
		12	0	21.92	-5.84	13.93	<=34.77	Pass
			6	22.10	-5.84	14.11	<=34.77	Pass
			13	22.19	-5.84	14.20	<=34.77	Pass
		25	0	22.04	-5.84	14.05	<=34.77	Pass
	680.5	1	0	23.35	-5.84	15.36	<=34.77	Pass
			13	23.50	-5.84	15.51	<=34.77	Pass
			24	23.28	-5.84	15.29	<=34.77	Pass
		12	0	22.40	-5.84	14.41	<=34.77	Pass
			6	22.46	-5.84	14.47	<=34.77	Pass
			13	22.44	-5.84	14.45	<=34.77	Pass
		25	0	22.43	-5.84	14.44	<=34.77	Pass
	695.5	1	0	23.17	-5.84	15.18	<=34.77	Pass
			13	23.25	-5.84	15.26	<=34.77	Pass
			24	23.03	-5.84	15.04	<=34.77	Pass
		12	0	22.23	-5.84	14.24	<=34.77	Pass
			6	22.26	-5.84	14.27	<=34.77	Pass
			13	22.26	-5.84	14.27	<=34.77	Pass
		25	0	22.27	-5.84	14.28	<=34.77	Pass
16QAM	665.5	1	0	21.64	-5.84	13.65	<=34.77	Pass
			13	22.02	-5.84	14.03	<=34.77	Pass
			24	22.01	-5.84	14.02	<=34.77	Pass
		12	0	20.98	-5.84	12.99	<=34.77	Pass
			6	21.18	-5.84	13.19	<=34.77	Pass
			13	21.26	-5.84	13.27	<=34.77	Pass
		25	0	21.19	-5.84	13.20	<=34.77	Pass
	680.5	1	0	22.58	-5.84	14.59	<=34.77	Pass
			13	22.77	-5.84	14.78	<=34.77	Pass
			24	22.58	-5.84	14.59	<=34.77	Pass
		12	0	21.48	-5.84	13.49	<=34.77	Pass
			6	21.60	-5.84	13.61	<=34.77	Pass
			13	21.60	-5.84	13.61	<=34.77	Pass
		25	0	21.53	-5.84	13.54	<=34.77	Pass
	695.5	1	0	22.25	-5.84	14.26	<=34.77	Pass
			13	22.31	-5.84	14.32	<=34.77	Pass
			24	22.19	-5.84	14.20	<=34.77	Pass
		12	0	21.31	-5.84	13.32	<=34.77	Pass
			6	21.34	-5.84	13.35	<=34.77	Pass
			13	21.38	-5.84	13.39	<=34.77	Pass
		25	0	21.41	-5.84	13.42	<=34.77	Pass
64QAM	665.5	1	0	20.81	-5.84	12.82	<=34.77	Pass
			13	21.13	-5.84	13.14	<=34.77	Pass
			24	21.13	-5.84	13.14	<=34.77	Pass
		12	0	19.91	-5.84	11.92	<=34.77	Pass
			6	20.12	-5.84	12.13	<=34.77	Pass

			13	20.25	-5.84	12.26	<=34.77	Pass
		25	0	20.15	-5.84	12.16	<=34.77	Pass
	680.5	1	0	21.63	-5.84	13.64	<=34.77	Pass
			13	21.72	-5.84	13.73	<=34.77	Pass
			24	21.54	-5.84	13.55	<=34.77	Pass
		12	0	20.50	-5.84	12.51	<=34.77	Pass
			6	20.56	-5.84	12.57	<=34.77	Pass
			13	20.49	-5.84	12.50	<=34.77	Pass
		25	0	20.60	-5.84	12.61	<=34.77	Pass
	695.5	1	0	21.38	-5.84	13.39	<=34.77	Pass
			13	21.53	-5.84	13.54	<=34.77	Pass
			24	21.32	-5.84	13.33	<=34.77	Pass
		12	0	20.43	-5.84	12.44	<=34.77	Pass
			6	20.45	-5.84	12.46	<=34.77	Pass
			13	20.46	-5.84	12.47	<=34.77	Pass
	25	0	20.35	-5.84	12.36	<=34.77	Pass	
256QAM	665.5	1	0	20.92	-5.84	12.93	<=34.77	Pass
			13	21.24	-5.84	13.25	<=34.77	Pass
			24	21.25	-5.84	13.26	<=34.77	Pass
		12	0	19.98	-5.84	11.99	<=34.77	Pass
			6	20.23	-5.84	12.24	<=34.77	Pass
			13	20.32	-5.84	12.33	<=34.77	Pass
		25	0	20.26	-5.84	12.27	<=34.77	Pass
	680.5	1	0	21.74	-5.84	13.75	<=34.77	Pass
			13	21.80	-5.84	13.81	<=34.77	Pass
			24	21.64	-5.84	13.65	<=34.77	Pass
		12	0	20.58	-5.84	12.59	<=34.77	Pass
			6	20.64	-5.84	12.65	<=34.77	Pass
			13	20.60	-5.84	12.61	<=34.77	Pass
	25	0	20.73	-5.84	12.74	<=34.77	Pass	
	695.5	1	0	21.48	-5.84	13.49	<=34.77	Pass
			13	21.60	-5.84	13.61	<=34.77	Pass
			24	21.42	-5.84	13.43	<=34.77	Pass
		12	0	20.51	-5.84	12.52	<=34.77	Pass
			6	20.57	-5.84	12.58	<=34.77	Pass
			13	20.58	-5.84	12.59	<=34.77	Pass
		25	0	20.43	-5.84	12.44	<=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	22.93	-5.84	14.94	<=34.77	Pass
			25	23.36	-5.84	15.37	<=34.77	Pass
			49	23.32	-5.84	15.33	<=34.77	Pass
		25	0	22.02	-5.84	14.03	<=34.77	Pass
			13	22.30	-5.84	14.31	<=34.77	Pass
			25	22.41	-5.84	14.42	<=34.77	Pass
	680.5	50	0	22.26	-5.84	14.27	<=34.77	Pass
		1	0	23.43	-5.84	15.44	<=34.77	Pass
			25	23.58	-5.84	15.59	<=34.77	Pass
			49	23.34	-5.84	15.35	<=34.77	Pass
		25	0	22.54	-5.84	14.55	<=34.77	Pass
			13	22.50	-5.84	14.51	<=34.77	Pass

		50	25	22.51	-5.84	14.52	<=34.77	Pass
			0	22.54	-5.84	14.55	<=34.77	Pass
	693	1	0	23.32	-5.84	15.33	<=34.77	Pass
			25	23.36	-5.84	15.37	<=34.77	Pass
			49	23.15	-5.84	15.16	<=34.77	Pass
		25	0	22.37	-5.84	14.38	<=34.77	Pass
			13	22.28	-5.84	14.29	<=34.77	Pass
			25	22.21	-5.84	14.22	<=34.77	Pass
		50	0	22.31	-5.84	14.32	<=34.77	Pass
16QAM	668	1	0	22.43	-5.84	14.44	<=34.77	Pass
			25	22.94	-5.84	14.95	<=34.77	Pass
			49	22.92	-5.84	14.93	<=34.77	Pass
		25	0	21.15	-5.84	13.16	<=34.77	Pass
			13	21.43	-5.84	13.44	<=34.77	Pass
			25	21.52	-5.84	13.53	<=34.77	Pass
		50	0	21.39	-5.84	13.40	<=34.77	Pass
	680.5	1	0	22.59	-5.84	14.60	<=34.77	Pass
			25	22.80	-5.84	14.81	<=34.77	Pass
			49	22.52	-5.84	14.53	<=34.77	Pass
		25	0	21.62	-5.84	13.63	<=34.77	Pass
			13	21.61	-5.84	13.62	<=34.77	Pass
			25	21.64	-5.84	13.65	<=34.77	Pass
		50	0	21.64	-5.84	13.65	<=34.77	Pass
	693	1	0	22.35	-5.84	14.36	<=34.77	Pass
			25	22.39	-5.84	14.40	<=34.77	Pass
			49	22.15	-5.84	14.16	<=34.77	Pass
		25	0	21.57	-5.84	13.58	<=34.77	Pass
			13	21.44	-5.84	13.45	<=34.77	Pass
			25	21.37	-5.84	13.38	<=34.77	Pass
		50	0	21.42	-5.84	13.43	<=34.77	Pass
64QAM	668	1	0	21.20	-5.84	13.21	<=34.77	Pass
			25	21.70	-5.84	13.71	<=34.77	Pass
			49	21.64	-5.84	13.65	<=34.77	Pass
		25	0	20.17	-5.84	12.18	<=34.77	Pass
			13	20.41	-5.84	12.42	<=34.77	Pass
			25	20.55	-5.84	12.56	<=34.77	Pass
		50	0	20.42	-5.84	12.43	<=34.77	Pass
	680.5	1	0	21.58	-5.84	13.59	<=34.77	Pass
			25	21.75	-5.84	13.76	<=34.77	Pass
			49	21.51	-5.84	13.52	<=34.77	Pass
		25	0	20.73	-5.84	12.74	<=34.77	Pass
			13	20.68	-5.84	12.69	<=34.77	Pass
			25	20.73	-5.84	12.74	<=34.77	Pass
		50	0	20.70	-5.84	12.71	<=34.77	Pass
	693	1	0	21.26	-5.84	13.27	<=34.77	Pass
			25	21.27	-5.84	13.28	<=34.77	Pass
			49	21.09	-5.84	13.10	<=34.77	Pass
		25	0	20.65	-5.84	12.66	<=34.77	Pass
			13	20.44	-5.84	12.45	<=34.77	Pass
			25	20.31	-5.84	12.32	<=34.77	Pass
		50	0	20.43	-5.84	12.44	<=34.77	Pass
256QAM	668	1	0	21.33	-5.84	13.34	<=34.77	Pass
			25	21.80	-5.84	13.81	<=34.77	Pass
			49	21.75	-5.84	13.76	<=34.77	Pass
		25	0	20.27	-5.84	12.28	<=34.77	Pass
			13	20.53	-5.84	12.54	<=34.77	Pass
			25	20.63	-5.84	12.64	<=34.77	Pass

	680.5	50	0	20.54	-5.84	12.55	<=34.77	Pass
		1	0	21.66	-5.84	13.67	<=34.77	Pass
			25	21.85	-5.84	13.86	<=34.77	Pass
			49	21.63	-5.84	13.64	<=34.77	Pass
		25	0	20.86	-5.84	12.87	<=34.77	Pass
			13	20.76	-5.84	12.77	<=34.77	Pass
			25	20.81	-5.84	12.82	<=34.77	Pass
		50	0	20.80	-5.84	12.81	<=34.77	Pass
	693	1	0	21.37	-5.84	13.38	<=34.77	Pass
			25	21.34	-5.84	13.35	<=34.77	Pass
			49	21.22	-5.84	13.23	<=34.77	Pass
			0	20.74	-5.84	12.75	<=34.77	Pass
		25	13	20.54	-5.84	12.55	<=34.77	Pass
			25	20.40	-5.84	12.41	<=34.77	Pass
		50	0	20.55	-5.84	12.56	<=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	22.85	-5.84	14.86	<=34.77	Pass
			38	23.33	-5.84	15.34	<=34.77	Pass
			74	23.37	-5.84	15.38	<=34.77	Pass
		36	0	22.16	-5.84	14.17	<=34.77	Pass
			18	22.41	-5.84	14.42	<=34.77	Pass
			39	22.46	-5.84	14.47	<=34.77	Pass
		75	0	22.26	-5.84	14.27	<=34.77	Pass
	680.5	1	0	23.36	-5.84	15.37	<=34.77	Pass
			38	23.48	-5.84	15.49	<=34.77	Pass
			74	23.26	-5.84	15.27	<=34.77	Pass
		36	0	22.55	-5.84	14.56	<=34.77	Pass
			18	22.46	-5.84	14.47	<=34.77	Pass
			39	22.53	-5.84	14.54	<=34.77	Pass
		75	0	22.55	-5.84	14.56	<=34.77	Pass
	690.5	1	0	23.31	-5.84	15.32	<=34.77	Pass
			38	23.27	-5.84	15.28	<=34.77	Pass
			74	23.14	-5.84	15.15	<=34.77	Pass
		36	0	22.47	-5.84	14.48	<=34.77	Pass
			18	22.38	-5.84	14.39	<=34.77	Pass
			39	22.24	-5.84	14.25	<=34.77	Pass
		75	0	22.37	-5.84	14.38	<=34.77	Pass
16QAM	670.5	1	0	22.42	-5.84	14.43	<=34.77	Pass
			38	22.94	-5.84	14.95	<=34.77	Pass
			74	22.98	-5.84	14.99	<=34.77	Pass
		36	0	21.14	-5.84	13.15	<=34.77	Pass
			18	21.51	-5.84	13.52	<=34.77	Pass
			39	21.49	-5.84	13.50	<=34.77	Pass
		75	0	21.37	-5.84	13.38	<=34.77	Pass
	680.5	1	0	22.53	-5.84	14.54	<=34.77	Pass
			38	22.64	-5.84	14.65	<=34.77	Pass
			74	22.46	-5.84	14.47	<=34.77	Pass
		36	0	21.63	-5.84	13.64	<=34.77	Pass
			18	21.56	-5.84	13.57	<=34.77	Pass
			39	21.60	-5.84	13.61	<=34.77	Pass

	690.5	1	75	0	21.64	-5.84	13.65	<=34.77	Pass
			36	0	22.73	-5.84	14.74	<=34.77	Pass
				38	22.65	-5.84	14.66	<=34.77	Pass
				74	22.57	-5.84	14.58	<=34.77	Pass
		36	75	0	21.51	-5.84	13.52	<=34.77	Pass
				18	21.42	-5.84	13.43	<=34.77	Pass
				39	21.29	-5.84	13.30	<=34.77	Pass
		36	75	0	21.42	-5.84	13.43	<=34.77	Pass
				38	21.18	-5.84	13.19	<=34.77	Pass
				74	21.68	-5.84	13.69	<=34.77	Pass
64QAM	670.5	1	36	0	20.24	-5.84	12.25	<=34.77	Pass
				18	20.48	-5.84	12.49	<=34.77	Pass
				39	20.50	-5.84	12.51	<=34.77	Pass
		36	75	0	20.38	-5.84	12.39	<=34.77	Pass
				0	21.52	-5.84	13.53	<=34.77	Pass
				38	21.59	-5.84	13.60	<=34.77	Pass
				74	21.41	-5.84	13.42	<=34.77	Pass
		36	75	0	20.64	-5.84	12.65	<=34.77	Pass
				18	20.57	-5.84	12.58	<=34.77	Pass
				39	20.63	-5.84	12.64	<=34.77	Pass
	680.5	1	36	0	20.67	-5.84	12.68	<=34.77	Pass
				0	21.67	-5.84	13.68	<=34.77	Pass
				38	21.63	-5.84	13.64	<=34.77	Pass
		36	75	0	21.45	-5.84	13.46	<=34.77	Pass
				0	20.46	-5.84	12.47	<=34.77	Pass
				18	20.36	-5.84	12.37	<=34.77	Pass
				39	20.29	-5.84	12.30	<=34.77	Pass
		36	75	0	20.42	-5.84	12.43	<=34.77	Pass
				0	21.27	-5.84	13.28	<=34.77	Pass
				38	21.81	-5.84	13.82	<=34.77	Pass
256QAM	670.5	1	36	0	21.80	-5.84	13.81	<=34.77	Pass
				0	20.36	-5.84	12.37	<=34.77	Pass
				18	20.60	-5.84	12.61	<=34.77	Pass
		36	75	0	20.62	-5.84	12.63	<=34.77	Pass
				39	20.49	-5.84	12.5	<=34.77	Pass
		36	75	0	21.64	-5.84	13.65	<=34.77	Pass
				38	21.69	-5.84	13.7	<=34.77	Pass
				74	21.53	-5.84	13.54	<=34.77	Pass
	680.5	1	36	0	20.74	-5.84	12.75	<=34.77	Pass
				18	20.67	-5.84	12.68	<=34.77	Pass
				39	20.73	-5.84	12.74	<=34.77	Pass
		36	75	0	20.79	-5.84	12.8	<=34.77	Pass
				0	21.78	-5.84	13.79	<=34.77	Pass
				38	21.75	-5.84	13.76	<=34.77	Pass
		36	75	0	21.58	-5.84	13.59	<=34.77	Pass
				0	20.59	-5.84	12.6	<=34.77	Pass
				18	20.48	-5.84	12.49	<=34.77	Pass
	690.5	1	36	39	20.39	-5.84	12.4	<=34.77	Pass
				0	20.52	-5.84	12.53	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	ERP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	673	1	0	22.78	-5.84	14.79	<=34.77	Pass
			50	23.55	-5.84	15.56	<=34.77	Pass
			99	23.23	-5.84	15.24	<=34.77	Pass
		50	0	22.07	-5.84	14.08	<=34.77	Pass
			25	22.40	-5.84	14.41	<=34.77	Pass
			50	22.35	-5.84	14.36	<=34.77	Pass
		100	0	22.22	-5.84	14.23	<=34.77	Pass
	683	1	0	23.23	-5.84	15.24	<=34.77	Pass
			50	23.57	-5.84	15.58	<=34.77	Pass
			99	23.06	-5.84	15.07	<=34.77	Pass
		50	0	22.52	-5.84	14.53	<=34.77	Pass
			25	22.47	-5.84	14.48	<=34.77	Pass
			50	22.18	-5.84	14.19	<=34.77	Pass
		100	0	22.36	-5.84	14.37	<=34.77	Pass
	688	1	0	23.24	-5.84	15.25	<=34.77	Pass
			50	23.46	-5.84	15.47	<=34.77	Pass
			99	22.95	-5.84	14.96	<=34.77	Pass
		50	0	22.28	-5.84	14.29	<=34.77	Pass
			25	22.31	-5.84	14.32	<=34.77	Pass
			50	22.10	-5.84	14.11	<=34.77	Pass
		100	0	22.21	-5.84	14.22	<=34.77	Pass
16QAM	673	1	0	22.05	-5.84	14.06	<=34.77	Pass
			50	22.86	-5.84	14.87	<=34.77	Pass
			99	22.51	-5.84	14.52	<=34.77	Pass
		50	0	21.17	-5.84	13.18	<=34.77	Pass
			25	21.51	-5.84	13.52	<=34.77	Pass
			50	21.42	-5.84	13.43	<=34.77	Pass
		100	0	21.36	-5.84	13.37	<=34.77	Pass
	683	1	0	22.43	-5.84	14.44	<=34.77	Pass
			50	22.76	-5.84	14.77	<=34.77	Pass
			99	22.25	-5.84	14.26	<=34.77	Pass
		50	0	21.62	-5.84	13.63	<=34.77	Pass
			25	21.58	-5.84	13.59	<=34.77	Pass
			50	21.36	-5.84	13.37	<=34.77	Pass
		100	0	21.45	-5.84	13.46	<=34.77	Pass
	688	1	0	22.81	-5.84	14.82	<=34.77	Pass
			50	23.04	-5.84	15.05	<=34.77	Pass
			99	22.60	-5.84	14.61	<=34.77	Pass
		50	0	21.39	-5.84	13.40	<=34.77	Pass
			25	21.45	-5.84	13.46	<=34.77	Pass
			50	21.20	-5.84	13.21	<=34.77	Pass
		100	0	21.29	-5.84	13.30	<=34.77	Pass
64QAM	673	1	0	21.06	-5.84	13.07	<=34.77	Pass
			50	21.86	-5.84	13.87	<=34.77	Pass
			99	21.51	-5.84	13.52	<=34.77	Pass
		50	0	20.27	-5.84	12.28	<=34.77	Pass
			25	20.53	-5.84	12.54	<=34.77	Pass
			50	20.50	-5.84	12.51	<=34.77	Pass
		100	0	20.33	-5.84	12.34	<=34.77	Pass
	683	1	0	21.59	-5.84	13.60	<=34.77	Pass
			50	21.94	-5.84	13.95	<=34.77	Pass
			99	21.39	-5.84	13.40	<=34.77	Pass
		50	0	20.66	-5.84	12.67	<=34.77	Pass
			25	20.59	-5.84	12.60	<=34.77	Pass
			50	20.39	-5.84	12.40	<=34.77	Pass
		100	0	20.47	-5.84	12.48	<=34.77	Pass

256QAM	688	1	0	21.21	-5.84	13.22	<=34.77	Pass
			50	21.37	-5.84	13.38	<=34.77	Pass
			99	20.90	-5.84	12.91	<=34.77	Pass
		50	0	20.41	-5.84	12.42	<=34.77	Pass
			25	20.46	-5.84	12.47	<=34.77	Pass
			50	20.16	-5.84	12.17	<=34.77	Pass
		100	0	20.33	-5.84	12.34	<=34.77	Pass
	673	1	0	21.15	-5.84	13.16	<=34.77	Pass
			50	21.94	-5.84	13.95	<=34.77	Pass
			99	21.58	-5.84	13.59	<=34.77	Pass
		50	0	20.34	-5.84	12.35	<=34.77	Pass
			25	20.65	-5.84	12.66	<=34.77	Pass
			50	20.58	-5.84	12.59	<=34.77	Pass
		100	0	20.40	-5.84	12.41	<=34.77	Pass
	683	1	0	21.67	-5.84	13.68	<=34.77	Pass
			50	22.01	-5.84	14.02	<=34.77	Pass
			99	21.50	-5.84	13.51	<=34.77	Pass
		50	0	20.73	-5.84	12.74	<=34.77	Pass
			25	20.69	-5.84	12.7	<=34.77	Pass
			50	20.48	-5.84	12.49	<=34.77	Pass
		100	0	20.55	-5.84	12.56	<=34.77	Pass
	688	1	0	21.32	-5.84	13.33	<=34.77	Pass
			50	21.44	-5.84	13.45	<=34.77	Pass
			99	20.99	-5.84	13	<=34.77	Pass
		50	0	20.51	-5.84	12.52	<=34.77	Pass
			25	20.57	-5.84	12.58	<=34.77	Pass
			50	20.28	-5.84	12.29	<=34.77	Pass
		100	0	20.45	-5.84	12.46	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	680.5	50	0	20	3.27	-6.967	-0.0102	-2.5 to 2.5	Pass
					3.85	-6.509	-0.0096	-2.5 to 2.5	Pass
					4.43	-6.666	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-8.368	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-9.155	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-9.556	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-7.396	-0.0109	-2.5 to 2.5	Pass
				30	3.85	-6.237	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-9.141	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-6.466	-0.0095	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

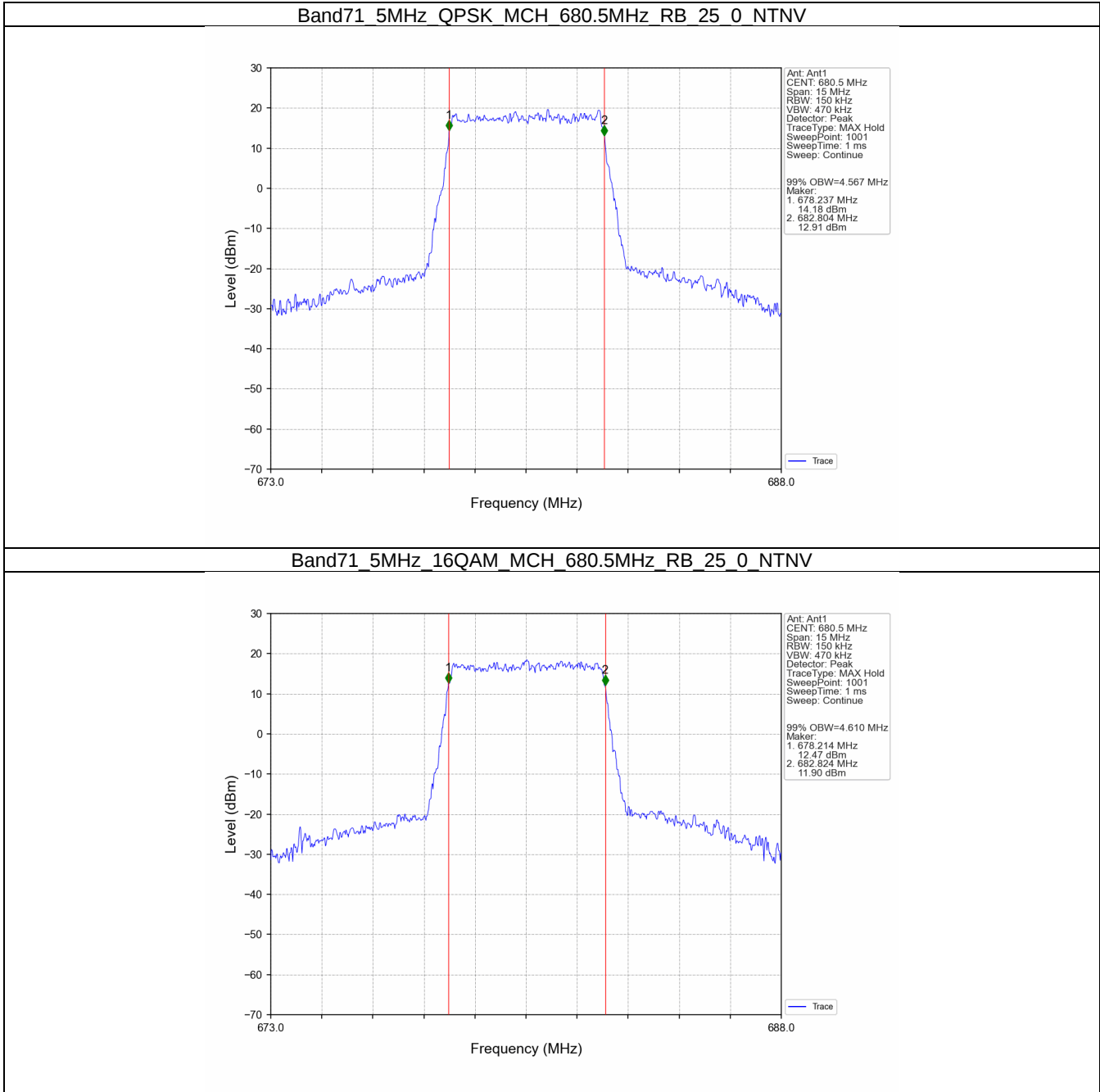
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.567	/	Pass
	16QAM	680.5	25	0	4.610	/	Pass
10	QPSK	680.5	50	0	9.109	/	Pass
	16QAM	680.5	50	0	9.114	/	Pass
15	QPSK	680.5	75	0	13.681	/	Pass
	16QAM	680.5	75	0	13.630	/	Pass
20	QPSK	683	100	0	18.116	/	Pass
	16QAM	683	100	0	18.085	/	Pass

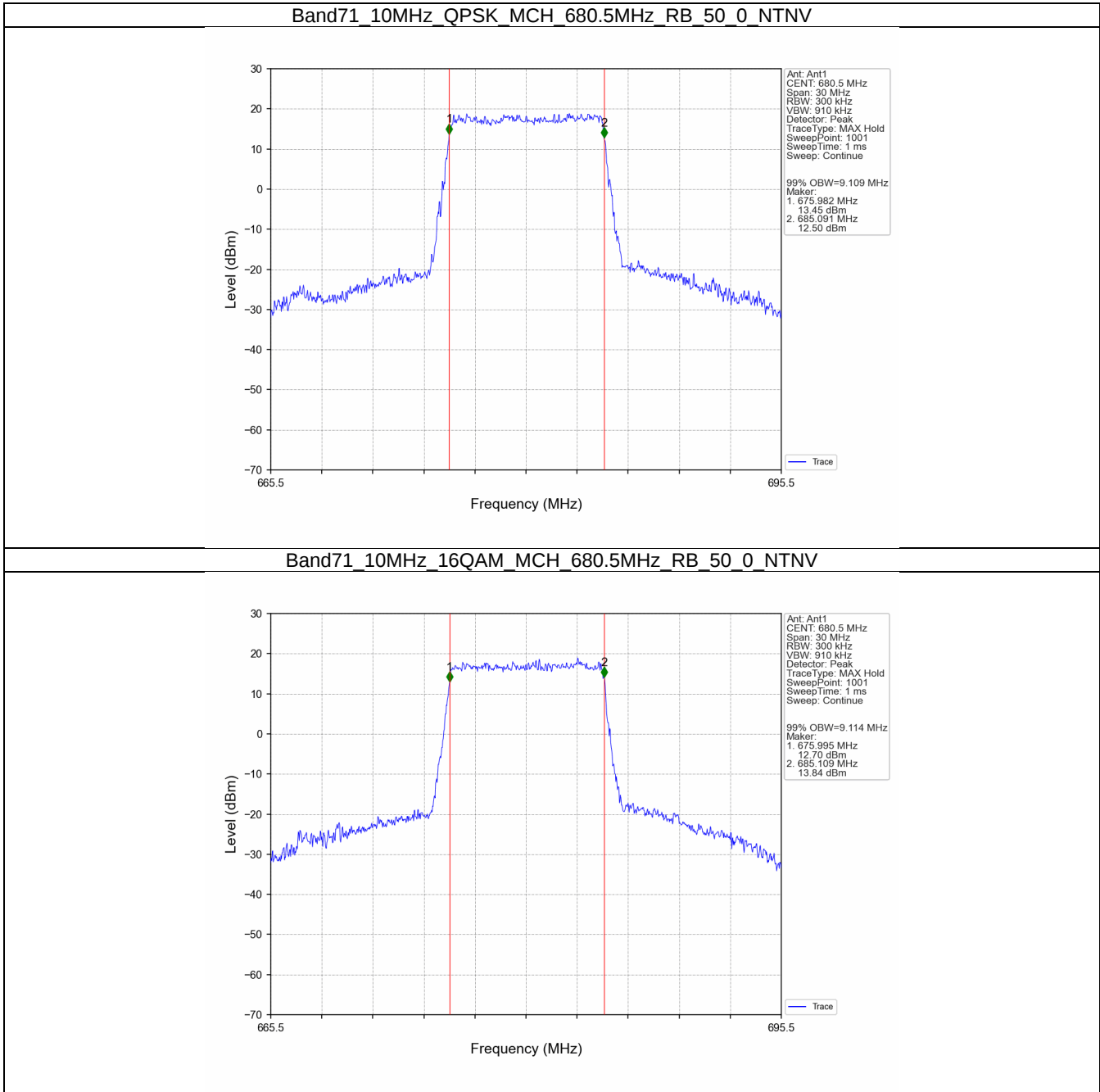
3.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.319	/	Pass
	16QAM	680.5	25	0	5.243	/	Pass
10	QPSK	680.5	50	0	10.426	/	Pass
	16QAM	680.5	50	0	10.203	/	Pass
15	QPSK	680.5	75	0	15.347	/	Pass
	16QAM	680.5	75	0	15.328	/	Pass
20	QPSK	683	100	0	20.011	/	Pass
	16QAM	683	100	0	19.949	/	Pass

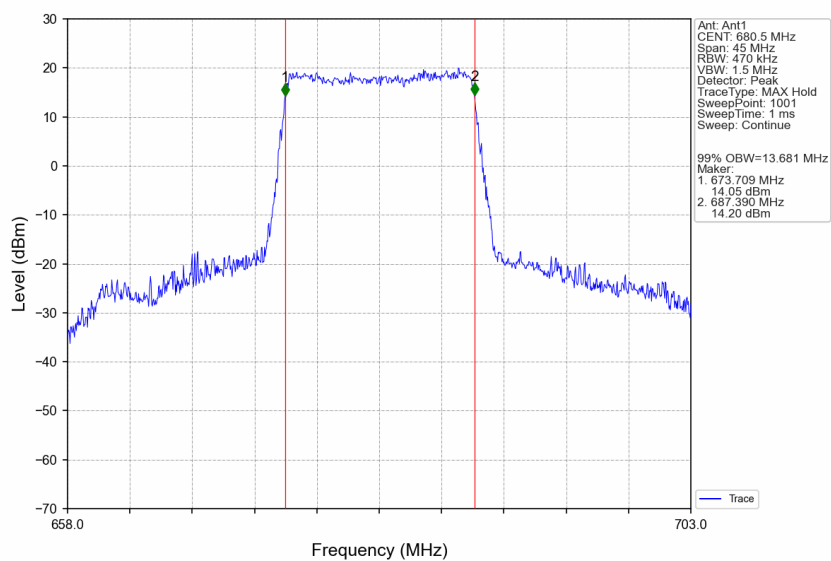
3.2 Test Graph

3.2.1 Band71_OBW

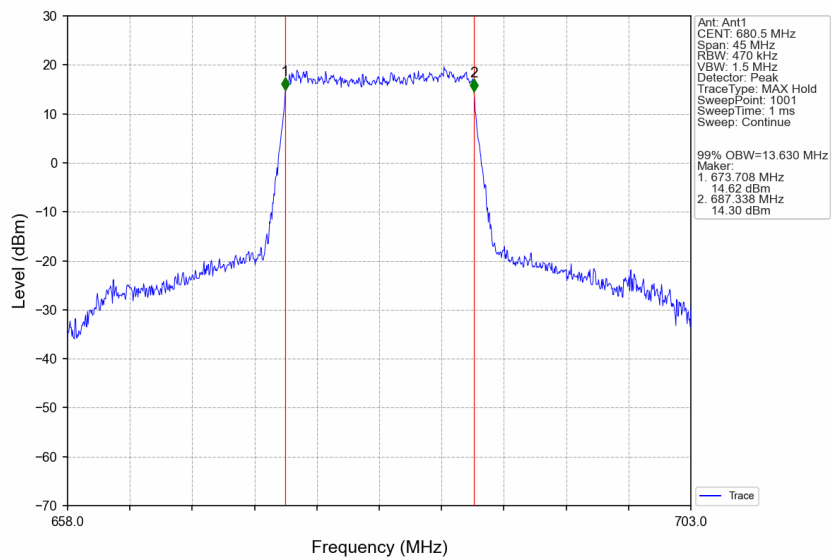




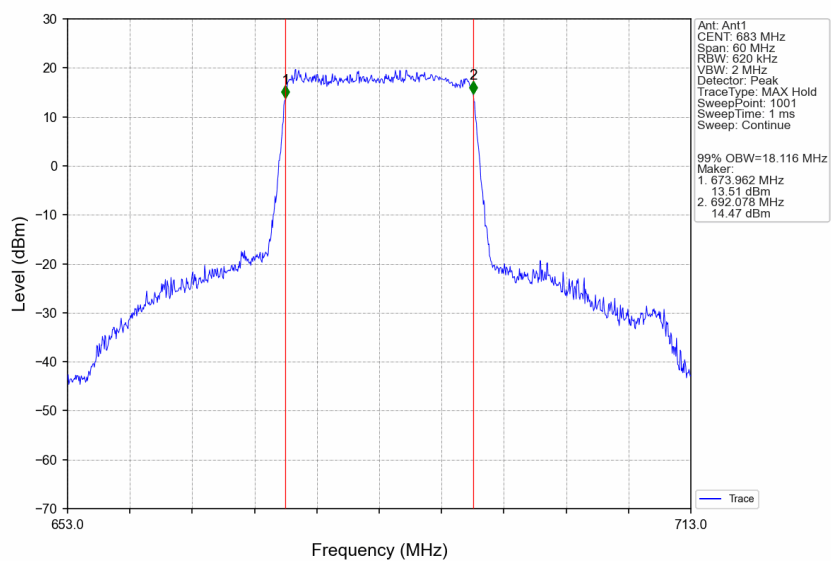
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



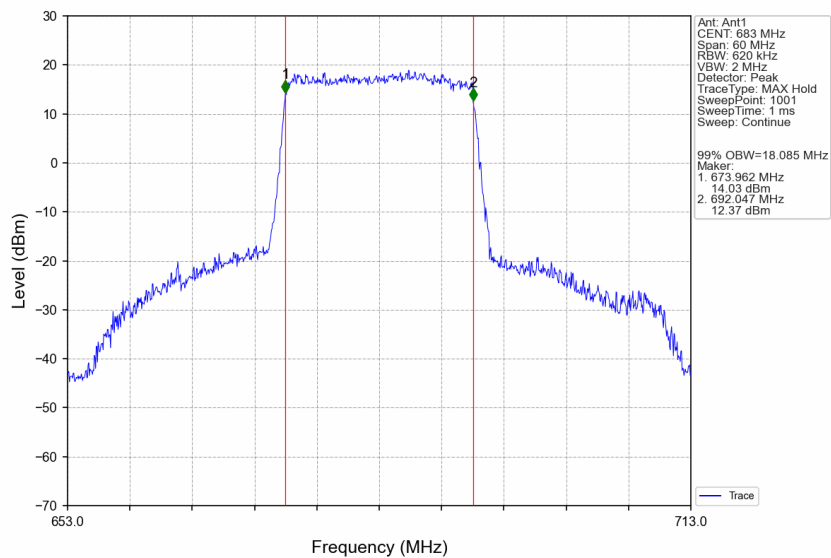
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



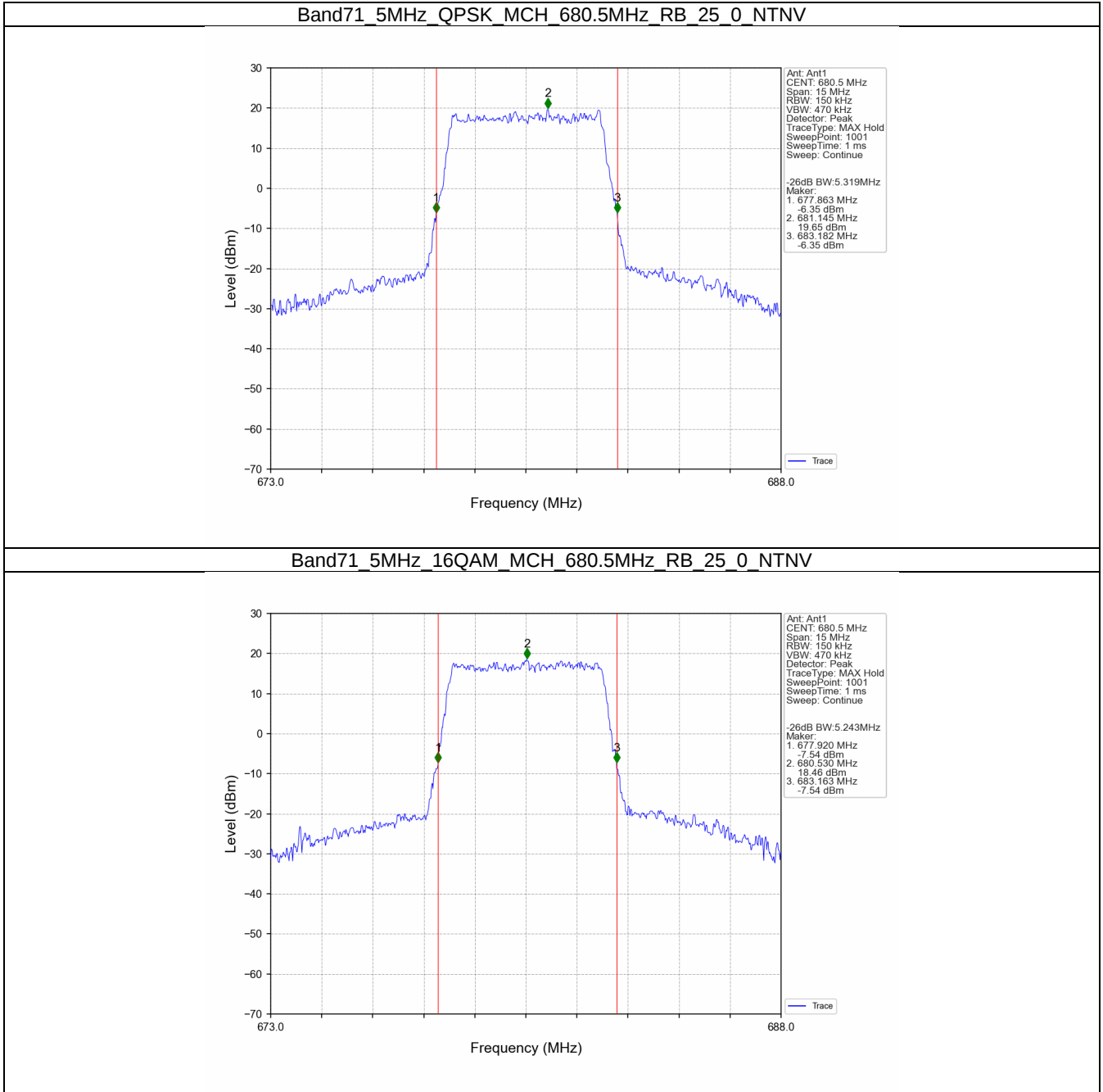
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



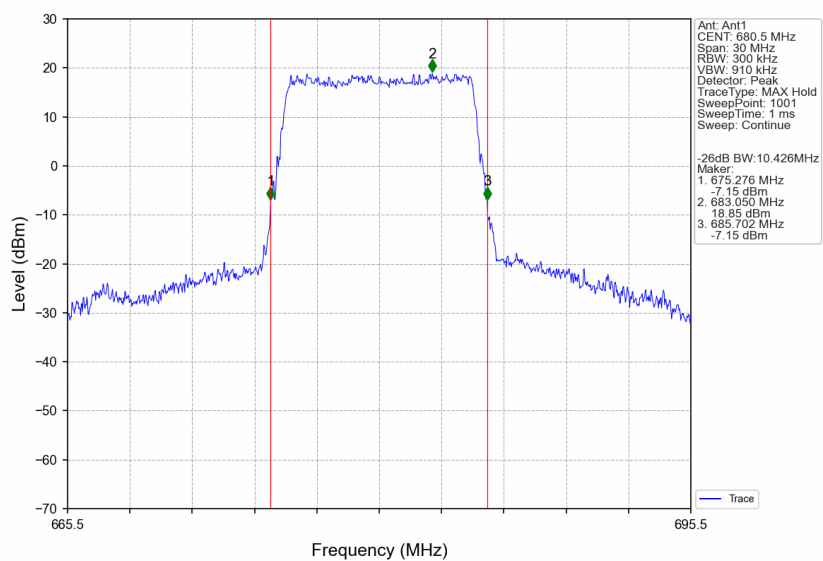
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



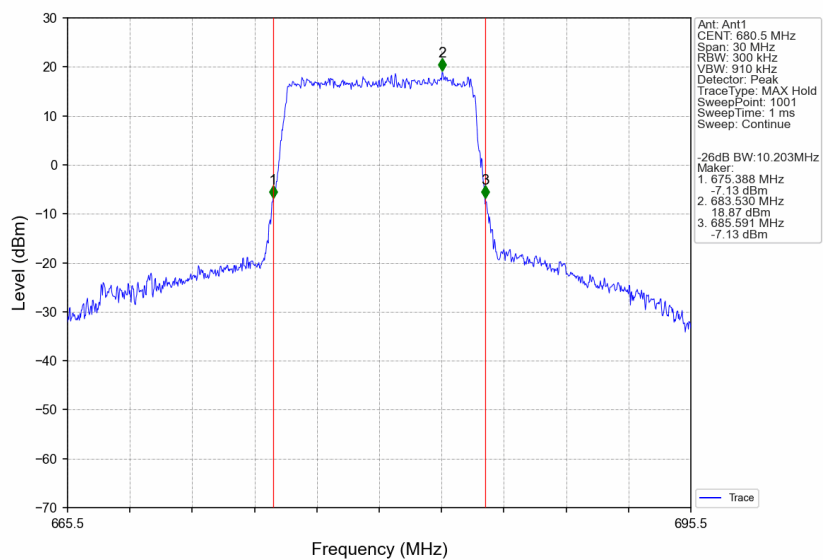
3.2.2 Band71_XDB



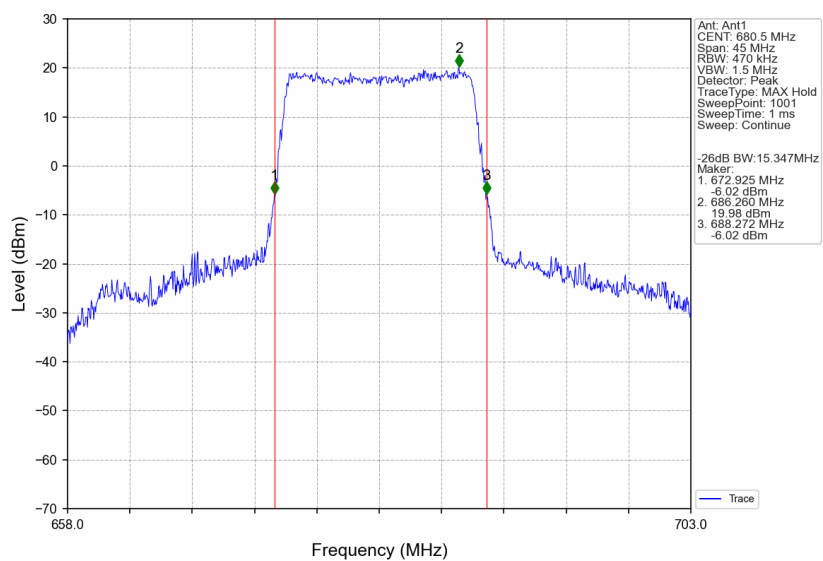
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



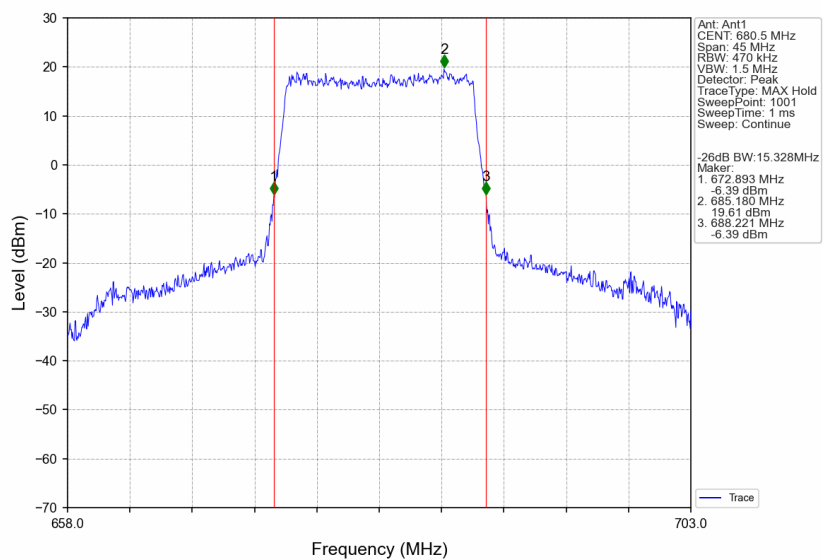
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



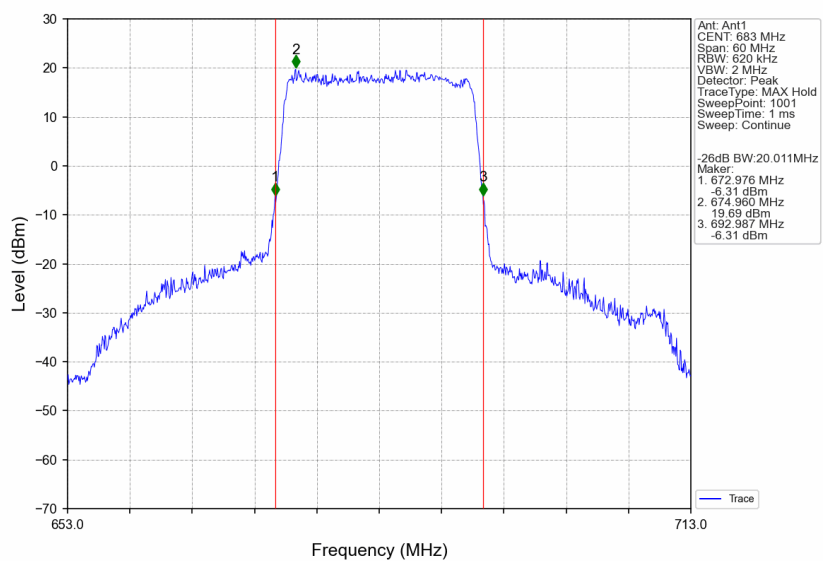
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



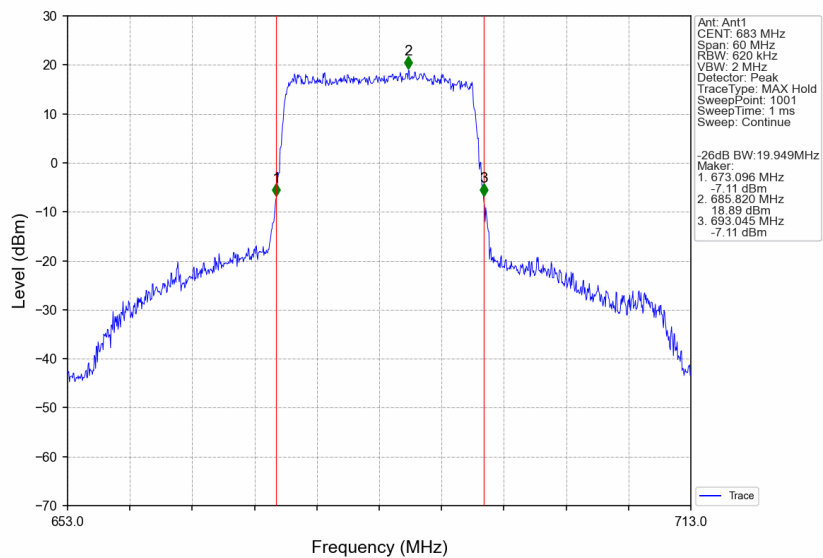
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



4. Peak-Average Ratio

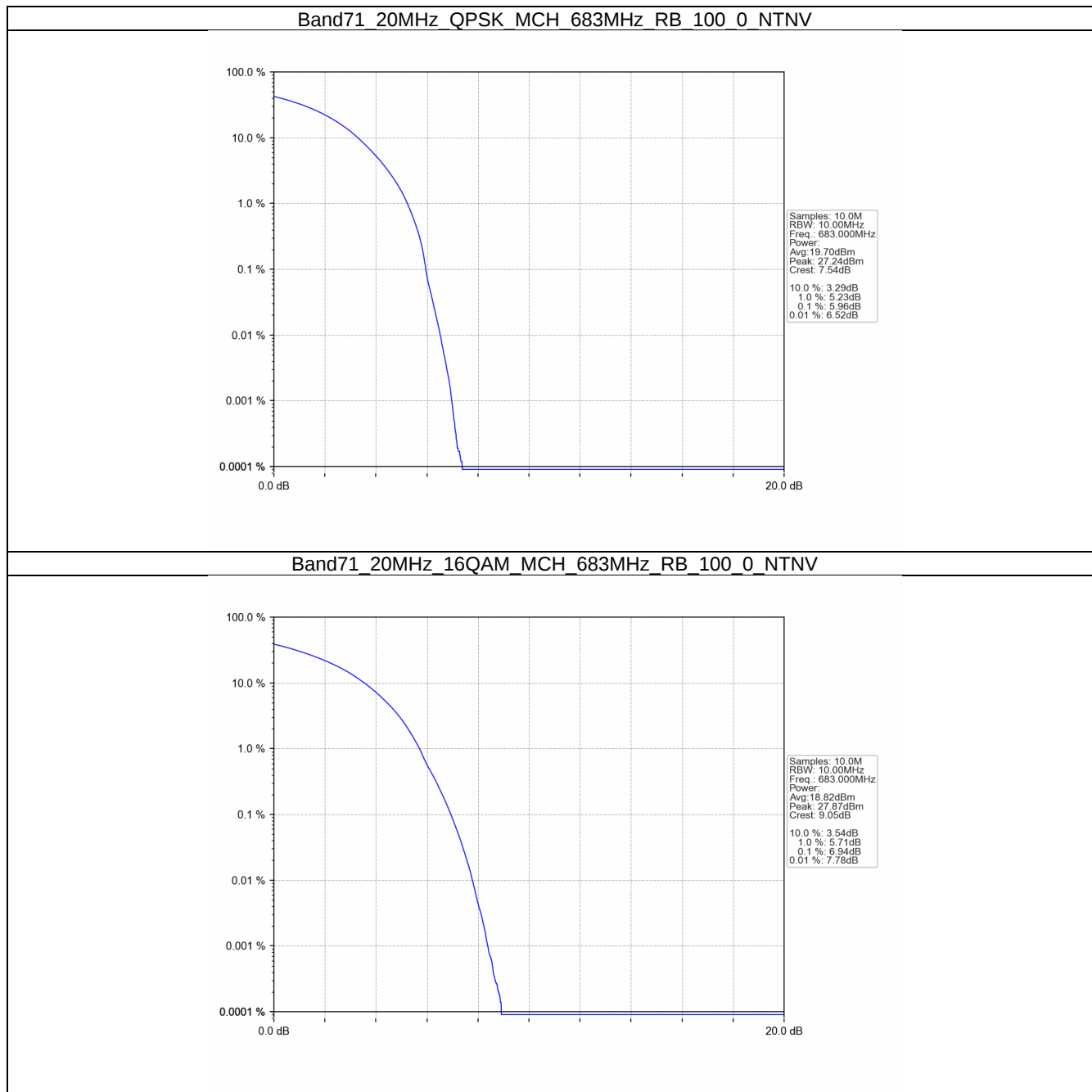
4.1 Test Result

4.1.1 B71_20MHz

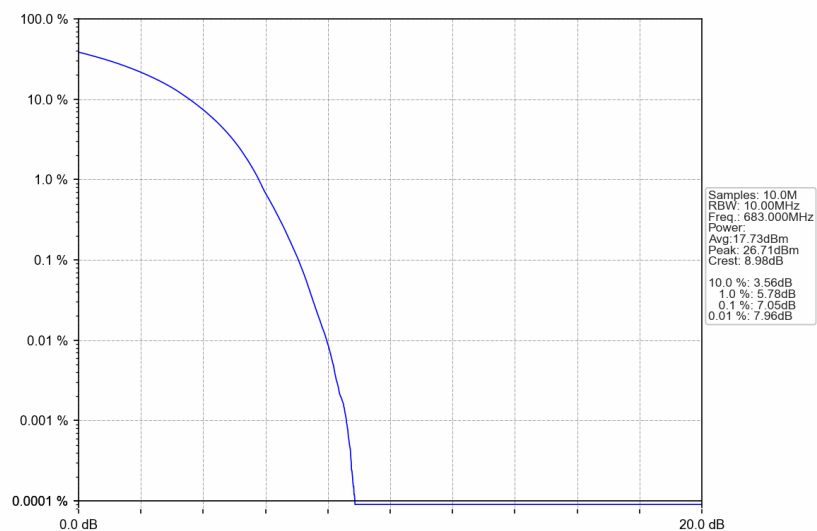
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	5.96	<=13	Pass
16QAM	683	100	0	6.94	<=13	Pass
64QAM	683	100	0	7.05	<=13	Pass
256QAM	683	100	0	10.47	<=13	Pass

4.2 Test Graph

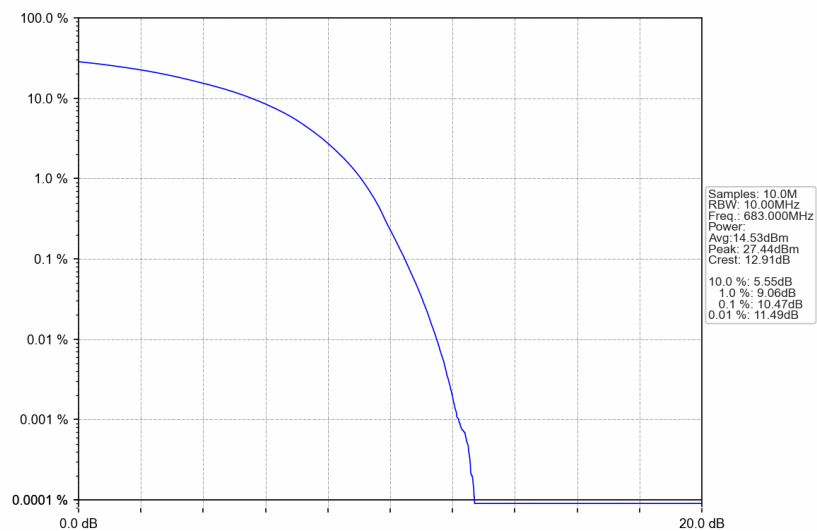
4.2.1 B71_20MHz



Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

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

5.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTVN						
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	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

5.1.3 B71_15MHz

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

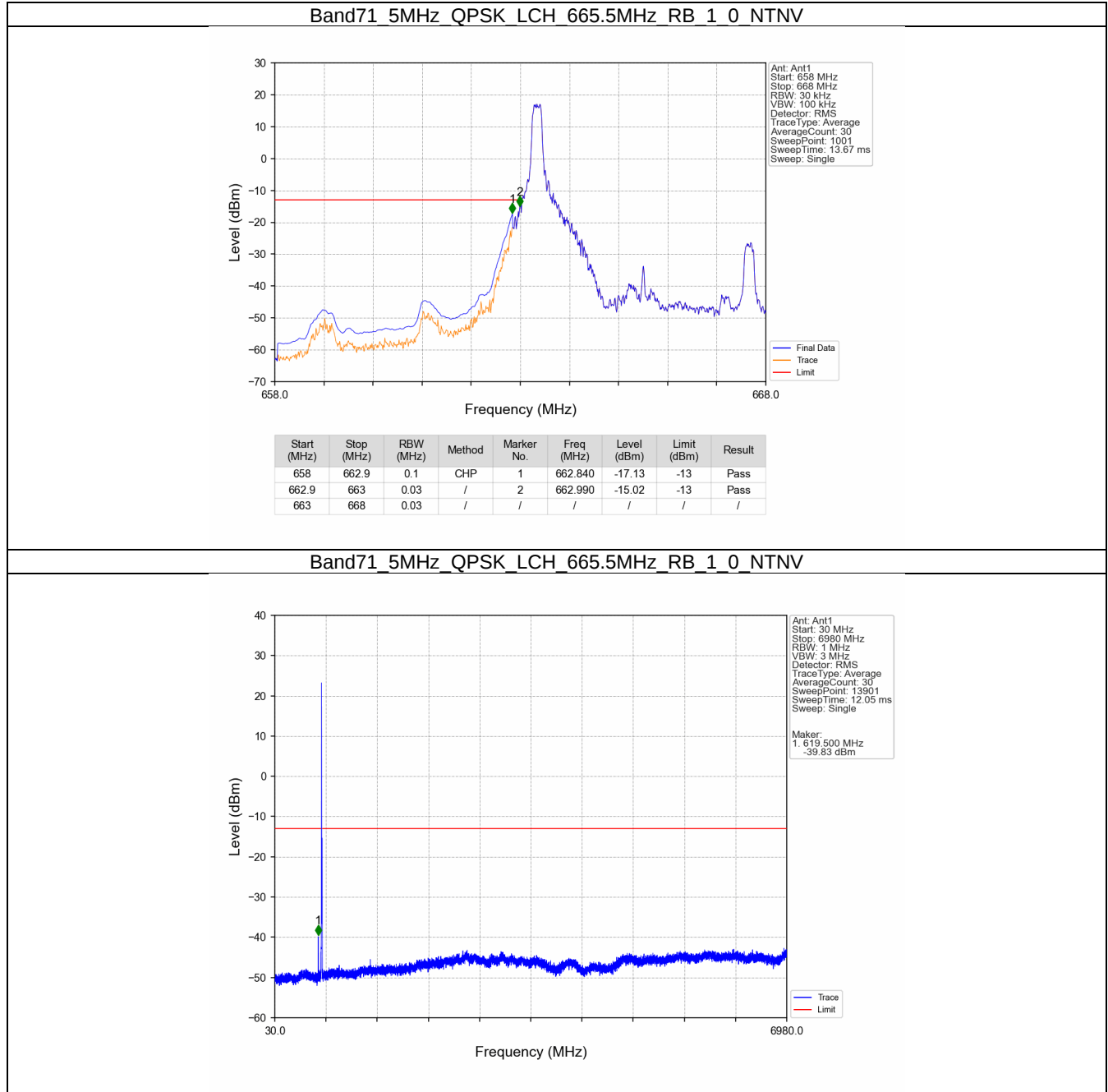
5.1.4 B71_20MHz

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

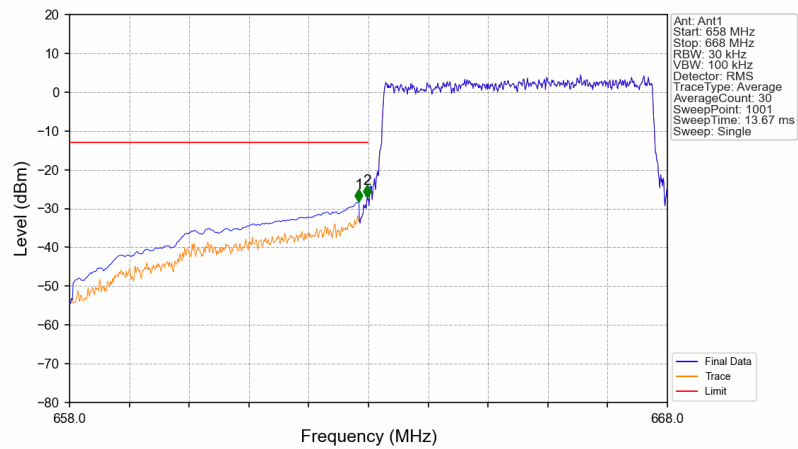
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 B71_5MHz

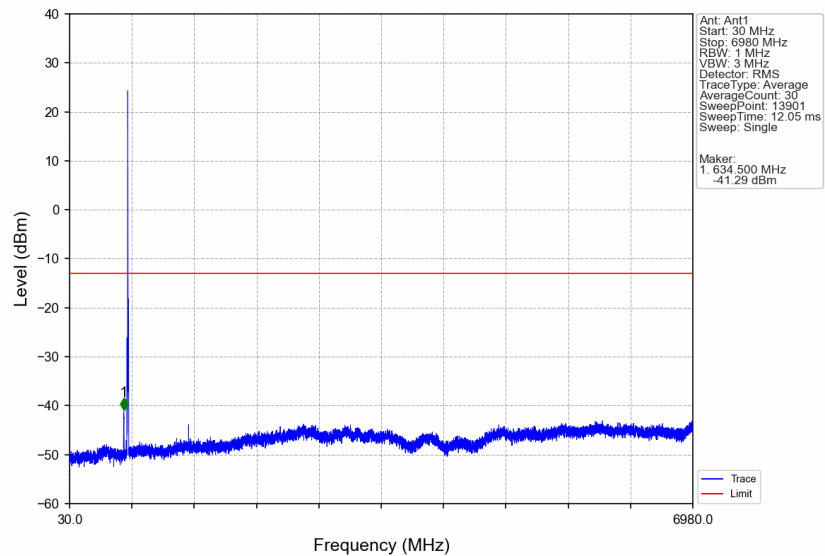


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

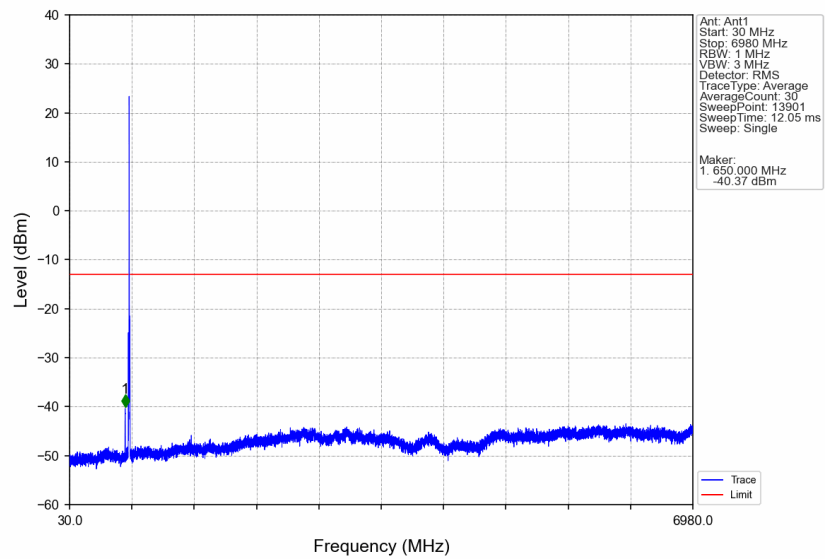


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-28.14	-13	Pass
662.9	663	0.03	/	2	662.980	-27.04	-13	Pass
663	668	0.03	/	/	/	/	/	/

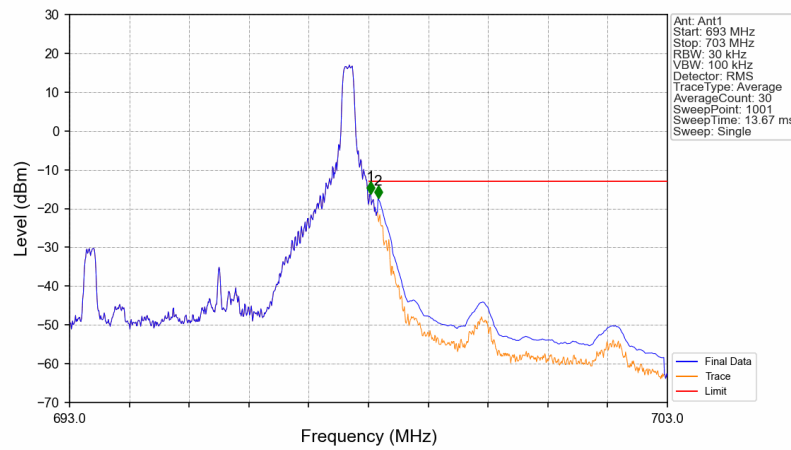
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

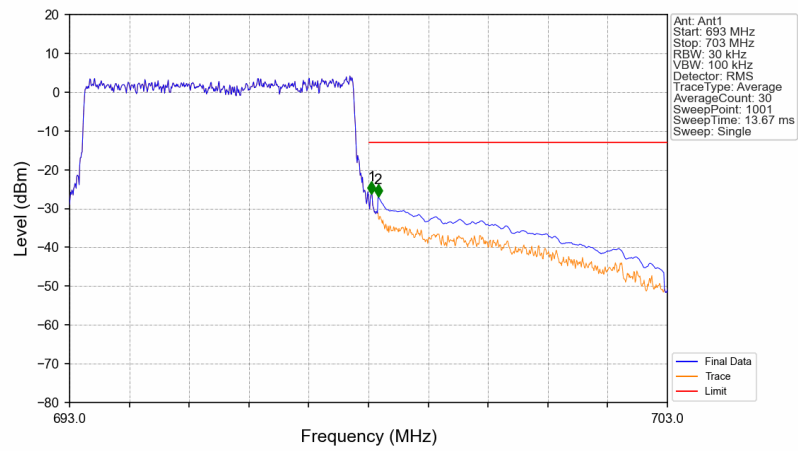


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



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	698.030	-16.16	-13	Pass
698.1	703	0.1	CHP	2	698.160	-17.27	-13	Pass

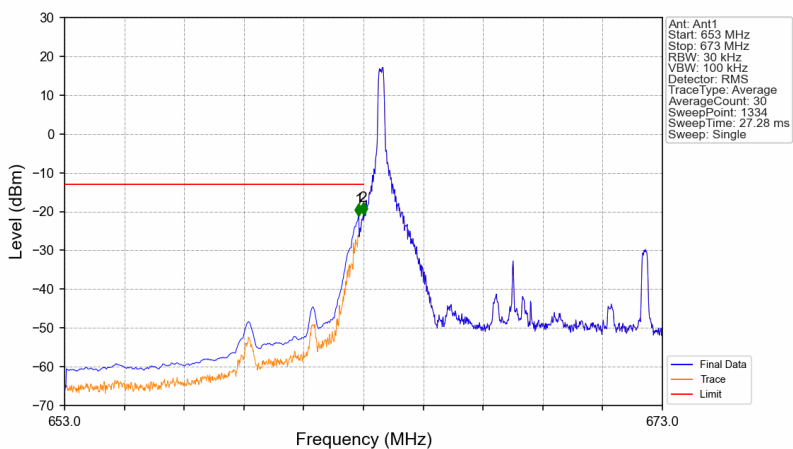
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



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	-26.18	-13	Pass
698.1	703	0.1	CHP	2	698.160	-26.99	-13	Pass

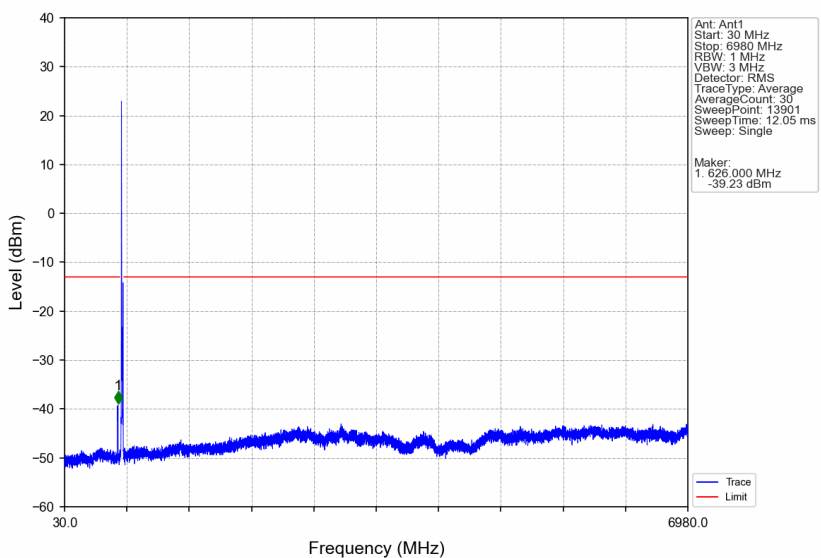
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

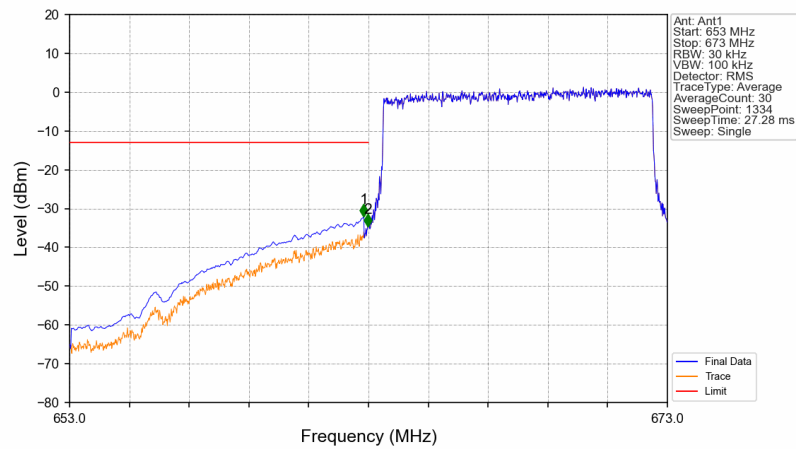


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-21.08	-13	Pass
662.9	663	0.03	/	2	662.992	-20.73	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

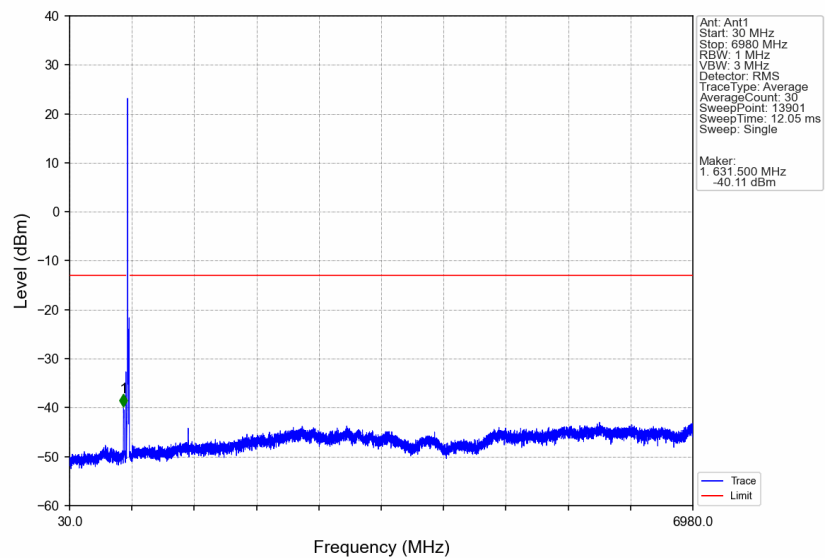


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

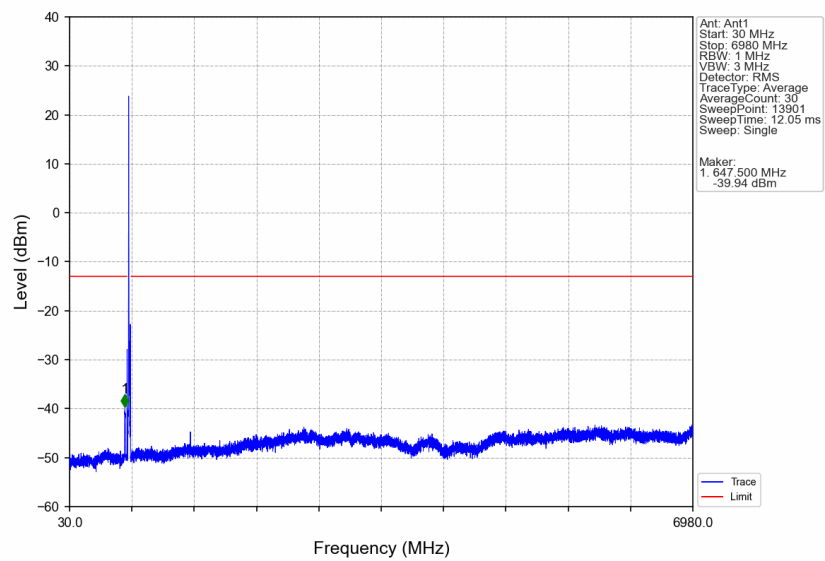


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-32.12	-13	Pass
662.9	663	0.03	/	2	662.977	-34.58	-13	Pass
663	673	0.03	/	/	/	/	/	/

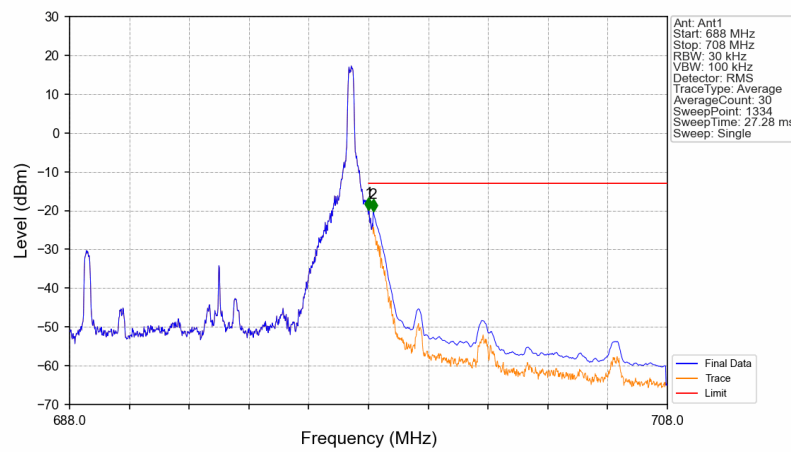
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

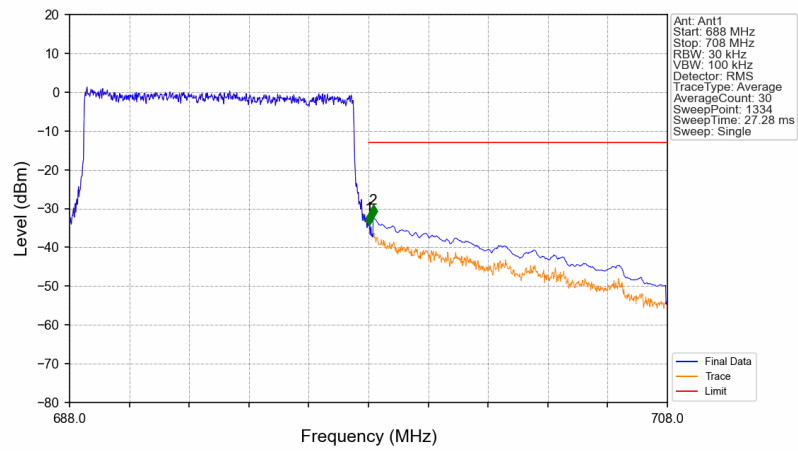


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



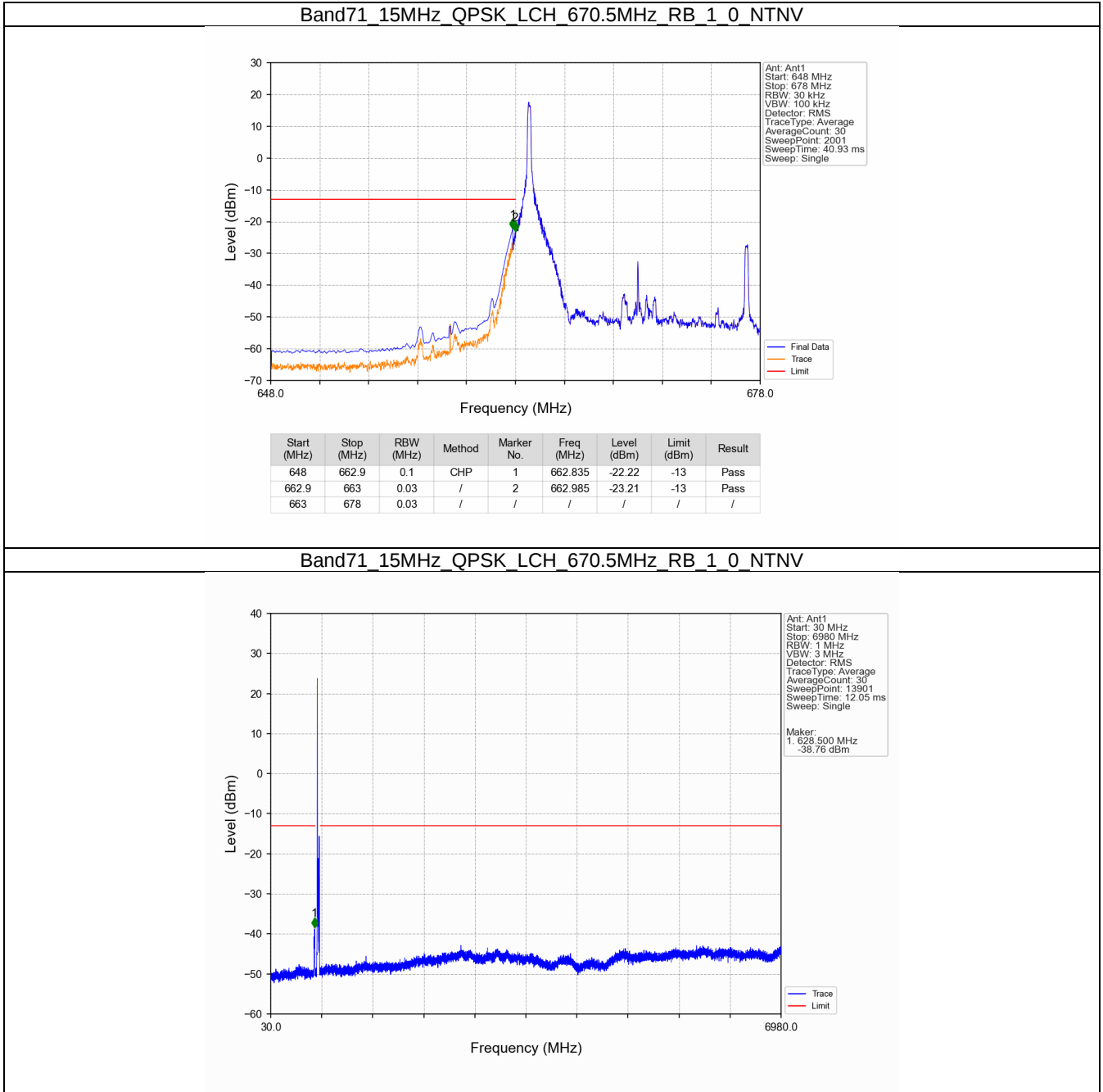
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-19.91	-13	Pass
698.1	708	0.1	CHP	2	698.158	-20.23	-13	Pass

Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV

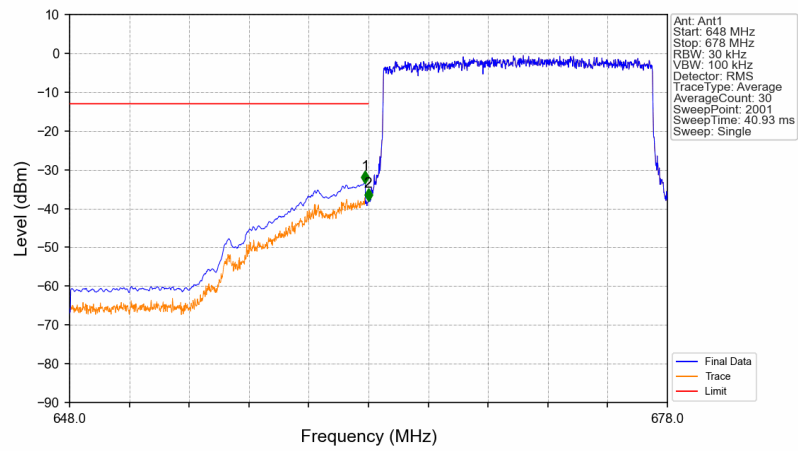


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.023	-34.14	-13	Pass
698.1	708	0.1	CHP	2	698.158	-32.24	-13	Pass

5.2.3 B71_15MHz

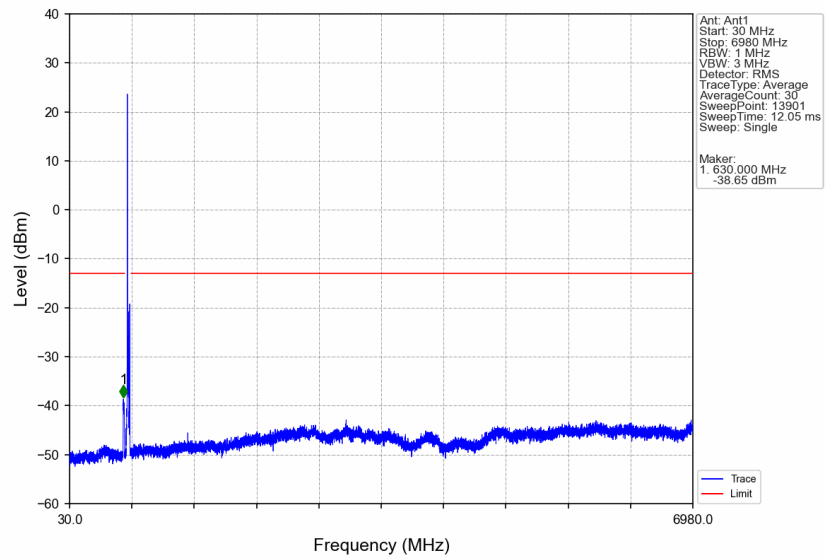


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

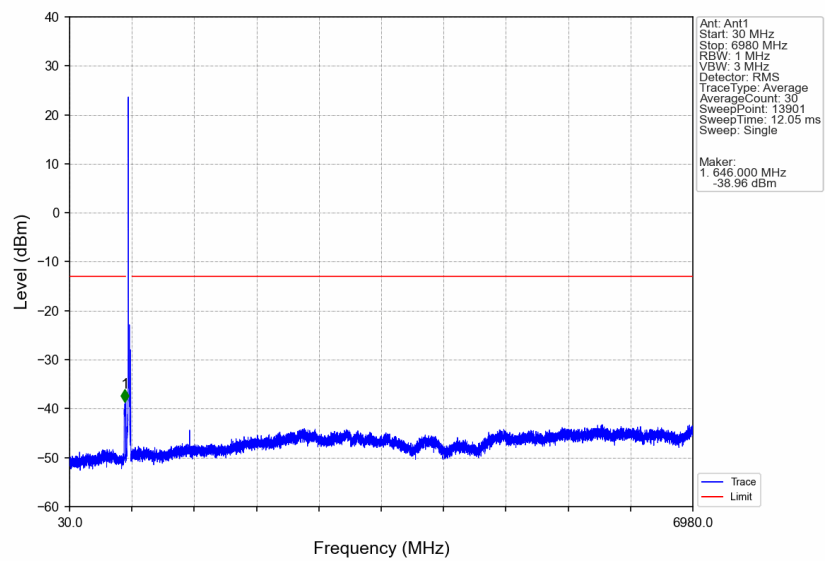


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-33.43	-13	Pass
662.9	663	0.03	/	2	662.985	-37.94	-13	Pass
663	678	0.03	/	/	/	/	/	/

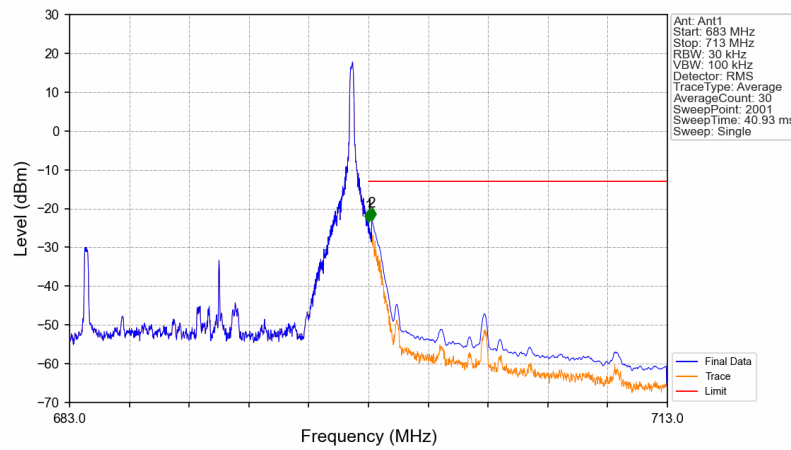
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



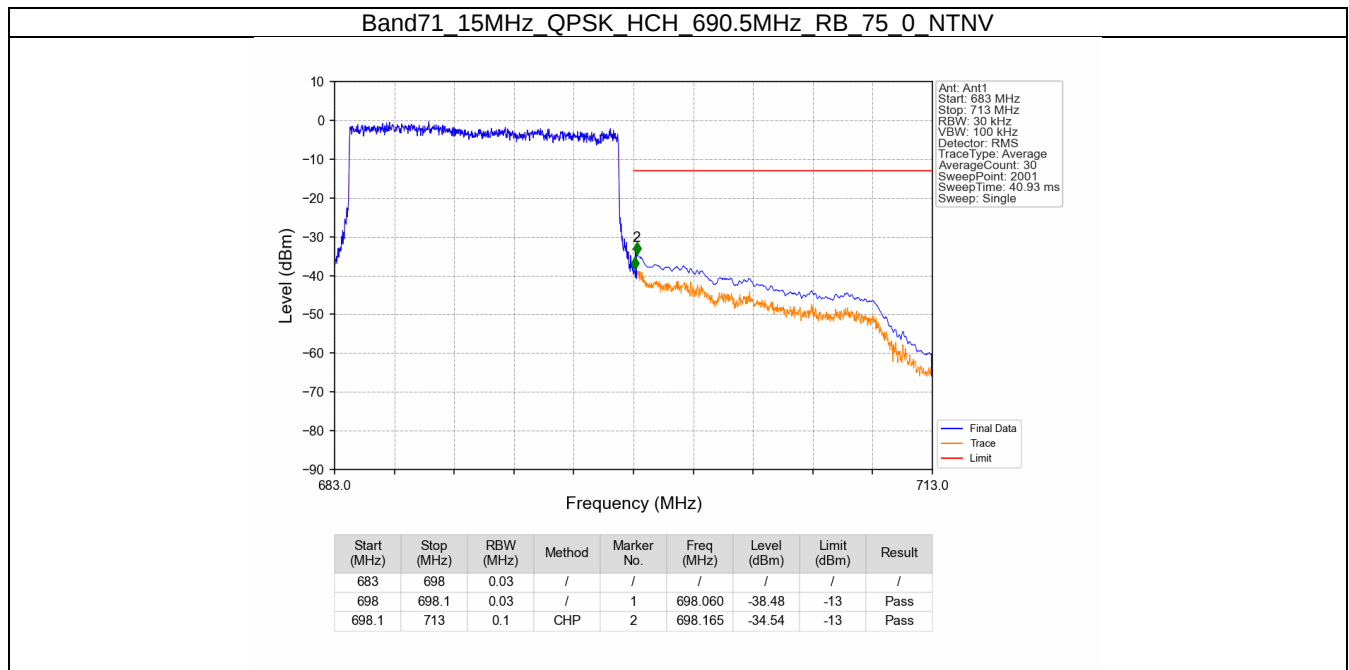
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



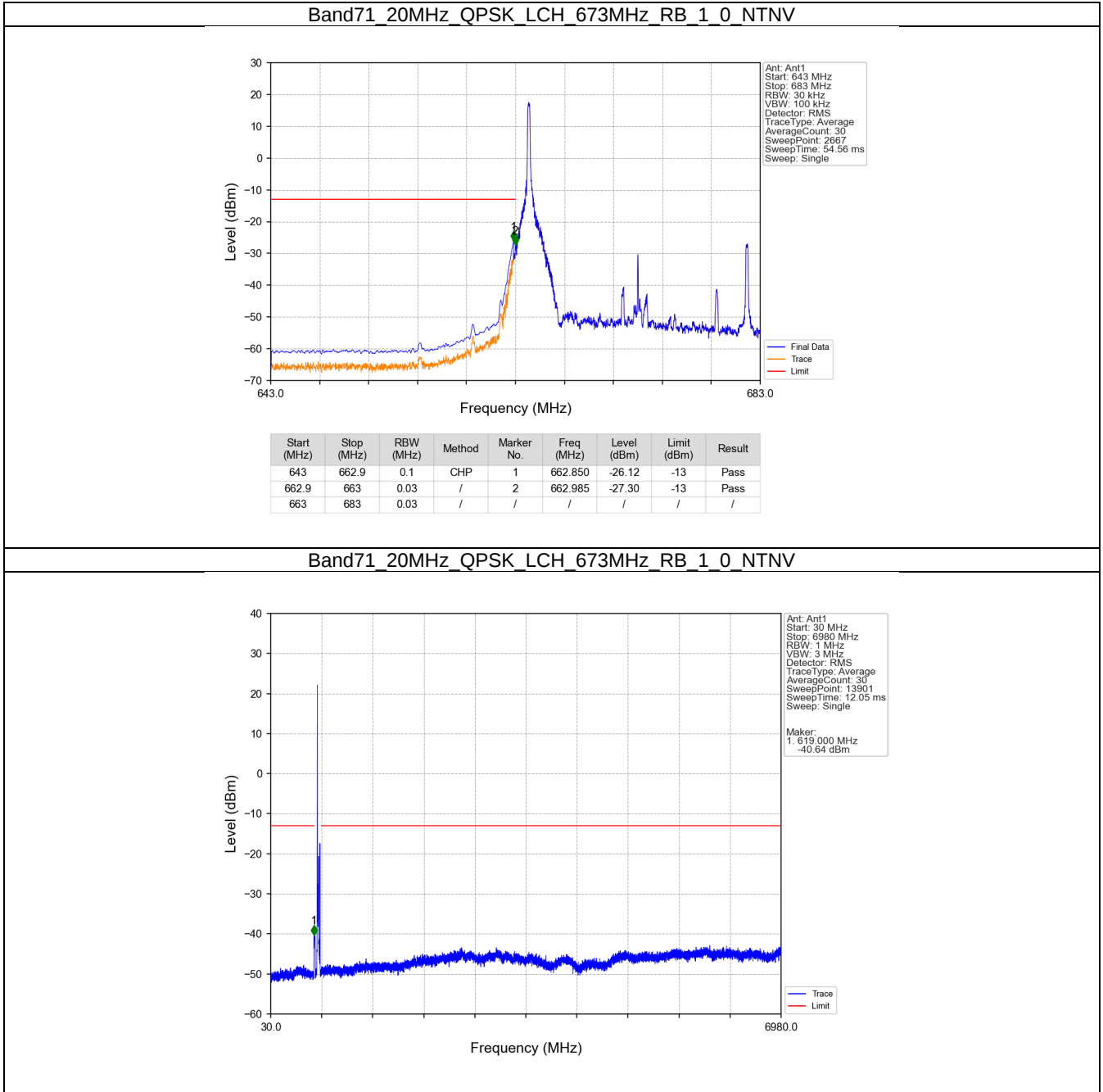
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



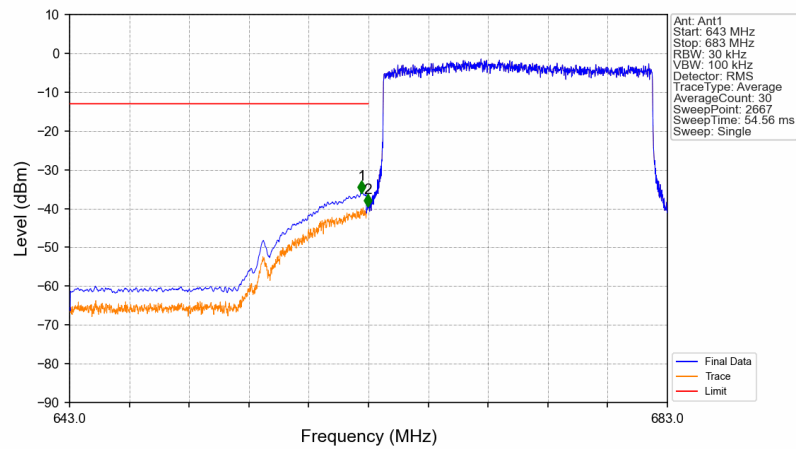
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-23.58	-13	Pass
698.1	713	0.1	CHP	2	698.165	-22.93	-13	Pass



5.2.4 B71_20MHz

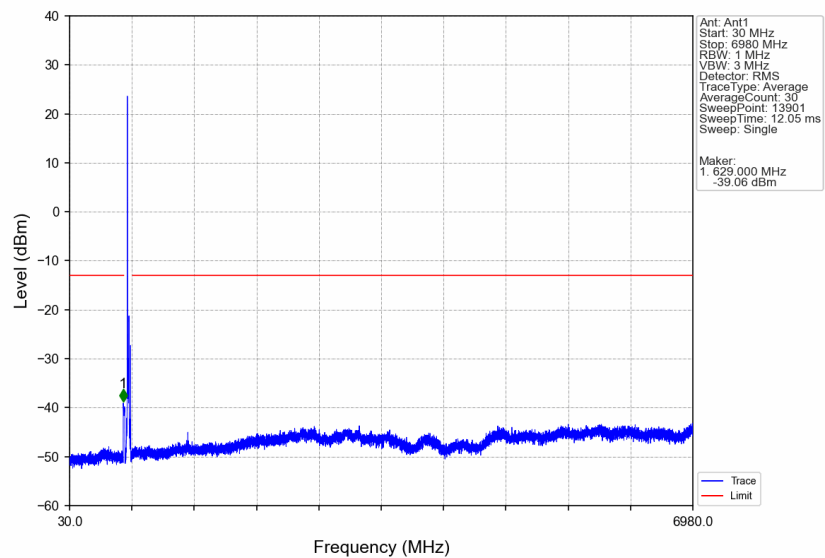


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

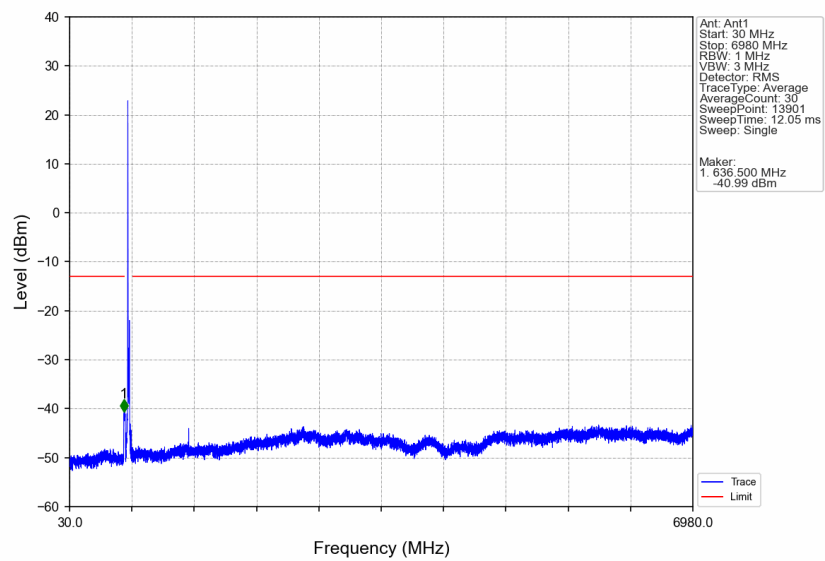


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.550	-35.95	-13	Pass
662.9	663	0.03	/	2	662.955	-39.53	-13	Pass
663	683	0.03	/	/	/	/	/	/

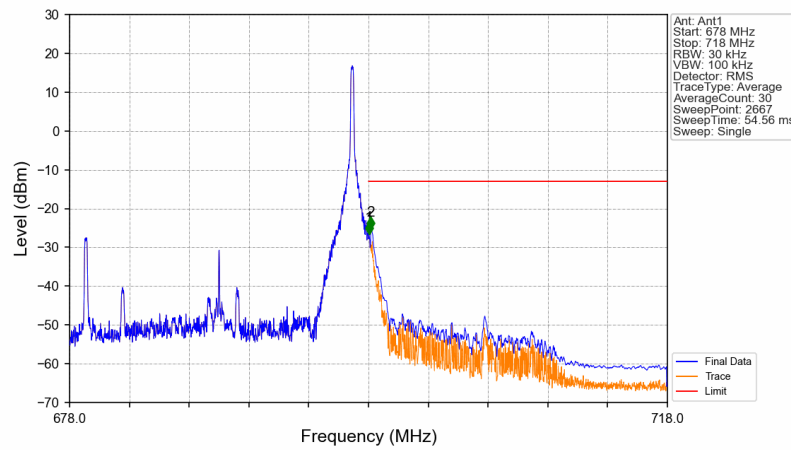
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



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	698.030	-26.63	-13	Pass
698.1	718	0.1	CHP	2	698.150	-25.31	-13	Pass

