1. Effective (Isotropic) Radiated Power Output Data

1.1 B71_5MHz_ERP

1.1.1 Test Result

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	24.15	-5.50	16.50	<=34.77	Pass
			13	24.10	-5.50	16.45	<=34.77	Pass
			24	24.01	-5.50	16.36	<=34.77	Pass
		12	0	23.11	-5.50	15.46	<=34.77	Pass
			6	23.15	-5.50	15.50	<=34.77	Pass
			13	23.09	-5.50	15.44	<=34.77	Pass
		25	0	23.14	-5.50	15.49	<=34.77	Pass
	680.5	1	0	23.98	-5.50	16.33	<=34.77	Pass
			13	24.04	-5.50	16.39	<=34.77	Pass
			24	23.97	-5.50	16.32	<=34.77	Pass
		12	0	22.98	-5.50	15.33	<=34.77	Pass
			6	23.05	-5.50	15.40	<=34.77	Pass
			13	22.99	-5.50	15.34	<=34.77	Pass
		25	0	23.03	-5.50	15.38	<=34.77	Pass
	695.5	1	0	23.97	-5.50	16.32	<=34.77	Pass
			13	24.06	-5.50	16.41	<=34.77	Pass
			24	23.90	-5.50	16.25	<=34.77	Pass
		12	0	22.96	-5.50	15.31	<=34.77	Pass
			6	23.04	-5.50	15.39	<=34.77	Pass
			13	23.00	-5.50	15.35	<=34.77	Pass
		25	0	23.01	-5.50	15.36	<=34.77	Pass
16QAM	665.5	1	0	23.48	-5.50	15.83	<=34.77	Pass
			13	23.37	-5.50	15.72	<=34.77	Pass
			24	23.22	-5.50	15.57	<=34.77	Pass
		12	0	22.10	-5.50	14.45	<=34.77	Pass
			6	22.13	-5.50	14.48	<=34.77	Pass
			13	22.01	-5.50	14.36	<=34.77	Pass
		25	0	22.19	-5.50	14.54	<=34.77	Pass
	680.5	1	0	23.17	-5.50	15.52	<=34.77	Pass
			13	23.18	-5.50	15.53	<=34.77	Pass
			24	23.11	-5.50	15.46	<=34.77	Pass
		12	0	21.96	-5.50	14.31	<=34.77	Pass
			6	22.12	-5.50	14.47	<=34.77	Pass
			13	22.01	-5.50	14.36	<=34.77	Pass
		25	0	22.02	-5.50	14.37	<=34.77	Pass
	695.5	1	0	23.13	-5.50	15.48	<=34.77	Pass
			13	23.17	-5.50	15.52	<=34.77	Pass
			24	22.98	-5.50	15.33	<=34.77	Pass
		12	0	22.00	-5.50	14.35	<=34.77	Pass
			6	22.20	-5.50	14.55	<=34.77	Pass
			13	22.03	-5.50	14.38	<=34.77	Pass
		25	0	22.07	-5.50	14.42	<=34.77	Pass
64QAM	665.5	1	0	22.33	-5.50	14.68	<=34.77	Pass
			13	22.29	-5.50	14.64	<=34.77	Pass
			24	22.19	-5.50	14.54	<=34.77	Pass
		12	0	21.11	-5.50	13.46	<=34.77	Pass

			6	21.18	-5.50	13.53	<=34.77	Pass
			13	21.06	-5.50	13.41	<=34.77	Pass
		25	0	21.17	-5.50	13.52	<=34.77	Pass
	680.5	1	0	22.09	-5.50	14.44	<=34.77	Pass
			13	22.18	-5.50	14.53	<=34.77	Pass
			24	22.06	-5.50	14.41	<=34.77	Pass
		12	0	21.02	-5.50	13.37	<=34.77	Pass
			6	21.07	-5.50	13.42	<=34.77	Pass
			13	21.03	-5.50	13.38	<=34.77	Pass
		25	0	21.02	-5.50	13.37	<=34.77	Pass
	695.5	1	0	22.15	-5.50	14.50	<=34.77	Pass
			13	22.25	-5.50	14.60	<=34.77	Pass
			24	22.06	-5.50	14.41	<=34.77	Pass
		12	0	21.03	-5.50	13.38	<=34.77	Pass
			6	21.08	-5.50	13.43	<=34.77	Pass
			13	20.99	-5.50	13.34	<=34.77	Pass
		25	0	21.06	-5.50	13.41	<=34.77	Pass
256QAM	665.5	1	0	19.21	-5.50	11.56	<=34.77	Pass
			13	19.26	-5.50	11.61	<=34.77	Pass
			24	19.02	-5.50	11.37	<=34.77	Pass
		12	0	19.08	-5.50	11.43	<=34.77	Pass
			6	19.19	-5.50	11.54	<=34.77	Pass
			13	19.12	-5.50	11.47	<=34.77	Pass
		25	0	19.13	-5.50	11.48	<=34.77	Pass
	680.5	1	0	19.02	-5.50	11.37	<=34.77	Pass
			13	19.08	-5.50	11.43	<=34.77	Pass
			24	19.11	-5.50	11.46	<=34.77	Pass
		12	0	18.98	-5.50	11.33	<=34.77	Pass
			6	19.09	-5.50	11.44	<=34.77	Pass
			13	18.97	-5.50	11.32	<=34.77	Pass
		25	0	19.04	-5.50	11.39	<=34.77	Pass
	695.5	1	0	19.12	-5.50	11.47	<=34.77	Pass
			13	19.26	-5.50	11.61	<=34.77	Pass
			24	19.05	-5.50	11.40	<=34.77	Pass
		12	0	19.04	-5.50	11.39	<=34.77	Pass
			6	19.11	-5.50	11.46	<=34.77	Pass
			13	19.04	-5.50	11.39	<=34.77	Pass
		25	0	19.05	-5.50	11.40	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B71_10MHz_ERP

1.2.1 Test Result

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	24.11	-5.50	16.46	<=34.77	Pass
			25	23.98	-5.50	16.33	<=34.77	Pass
			49	23.98	-5.50	16.33	<=34.77	Pass
		25	0	23.05	-5.50	15.40	<=34.77	Pass
			13	23.07	-5.50	15.42	<=34.77	Pass
			25	23.05	-5.50	15.40	<=34.77	Pass
		50	0	23.08	-5.50	15.43	<=34.77	Pass
	680.5	1	0	24.02	-5.50	16.37	<=34.77	Pass

			25	24.02	-5.50	16.37	<=34.77	Pass
			49	23.91	-5.50	16.26	<=34.77	Pass
		25	0	23.02	-5.50	15.37	<=34.77	Pass
			13	23.07	-5.50	15.42	<=34.77	Pass
			25	23.00	-5.50	15.35	<=34.77	Pass
		50	0	23.08	-5.50	15.43	<=34.77	Pass
	693	1	0	23.97	-5.50	16.32	<=34.77	Pass
			25	24.03	-5.50	16.38	<=34.77	Pass
			49	23.89	-5.50	16.24	<=34.77	Pass
		25	0	23.00	-5.50	15.35	<=34.77	Pass
			13	23.00	-5.50	15.35	<=34.77	Pass
			25	23.05	-5.50	15.40	<=34.77	Pass
		50	0	23.00	-5.50	15.35	<=34.77	Pass
16QAM	668	1	0	23.20	-5.50	15.55	<=34.77	Pass
			25	23.21	-5.50	15.56	<=34.77	Pass
			49	23.21	-5.50	15.56	<=34.77	Pass
		25	0	22.10	-5.50	14.45	<=34.77	Pass
			13	22.14	-5.50	14.49	<=34.77	Pass
			25	22.10	-5.50	14.45	<=34.77	Pass
		50	0	22.13	-5.50	14.48	<=34.77	Pass
	680.5	1	0	23.15	-5.50	15.50	<=34.77	Pass
			25	23.18	-5.50	15.53	<=34.77	Pass
			49	23.07	-5.50	15.42	<=34.77	Pass
		25	0	22.04	-5.50	14.39	<=34.77	Pass
			13	22.06	-5.50	14.41	<=34.77	Pass
			25	22.00	-5.50	14.35	<=34.77	Pass
		50	0	22.08	-5.50	14.45	<=34.77	Pass
	693	1	0	23.19	-5.50	15.54	<=34.77	Pass
			25	23.25	-5.50	15.60	<=34.77	Pass
			49	23.09	-5.50	15.44	<=34.77	Pass
		25	0	22.03	-5.50	14.38	<=34.77	Pass
			13	22.07	-5.50	14.42	<=34.77	Pass
			25	22.08	-5.50	14.45	<=34.77	Pass
		50	0	22.00	-5.50	14.35	<=34.77	Pass
64QAM	668	1	0	22.32	-5.50	14.67	<=34.77	Pass
			25	22.16	-5.50	14.51	<=34.77	Pass
			49	22.12	-5.50	14.47	<=34.77	Pass
		25	0	21.10	-5.50	13.45	<=34.77	Pass
			13	21.10	-5.50	13.45	<=34.77	Pass
			25	21.08	-5.50	13.43	<=34.77	Pass
		50	0	21.10	-5.50	13.45	<=34.77	Pass
	680.5	1	0	22.20	-5.50	14.55	<=34.77	Pass
			25	22.10	-5.50	14.45	<=34.77	Pass
			49	21.97	-5.50	14.32	<=34.77	Pass
		25	0	21.03	-5.50	13.38	<=34.77	Pass
			13	21.06	-5.50	13.41	<=34.77	Pass
			25	20.98	-5.50	13.33	<=34.77	Pass
		50	0	21.05	-5.50	13.40	<=34.77	Pass
	693	1	0	22.17	-5.50	14.52	<=34.77	Pass
			25	22.25	-5.50	14.60	<=34.77	Pass
			49	22.15	-5.50	14.50	<=34.77	Pass
		25	0	21.01	-5.50	13.36	<=34.77	Pass
			13	21.06	-5.50	13.41	<=34.77	Pass
			25	21.07	-5.50	13.42	<=34.77	Pass
		50	0	21.03	-5.50	13.38	<=34.77	Pass
256QAM	668	1	0	19.26	-5.50	11.61	<=34.77	Pass
			25	19.22	-5.50	11.57	<=34.77	Pass

			49	19.15	-5.50	11.50	<=34.77	Pass
		25	0	19.08	-5.50	11.43	<=34.77	Pass
			13	19.08	-5.50	11.43	<=34.77	Pass
			25	19.02	-5.50	11.37	<=34.77	Pass
		50	0	19.05	-5.50	11.40	<=34.77	Pass
	680.5	1	0	19.06	-5.50	11.41	<=34.77	Pass
			25	19.16	-5.50	11.51	<=34.77	Pass
			49	19.06	-5.50	11.41	<=34.77	Pass
		25	0	19.02	-5.50	11.37	<=34.77	Pass
			13	19.06	-5.50	11.41	<=34.77	Pass
			25	18.99	-5.50	11.34	<=34.77	Pass
		50	0	19.03	-5.50	11.38	<=34.77	Pass
	693	1	0	19.17	-5.50	11.52	<=34.77	Pass
			25	19.22	-5.50	11.57	<=34.77	Pass
			49	19.17	-5.50	11.52	<=34.77	Pass
		25	0	19.06	-5.50	11.41	<=34.77	Pass
			13	19.05	-5.50	11.40	<=34.77	Pass
			25	19.12	-5.50	11.47	<=34.77	Pass
		50	0	19.01	-5.50	11.36	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.3 B71_15MHz_ERP

1.3.1 Test Result

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	23.93	-5.50	16.28	<=34.77	Pass
			38	23.81	-5.50	16.16	<=34.77	Pass
			74	23.79	-5.50	16.14	<=34.77	Pass
		36	0	22.90	-5.50	15.25	<=34.77	Pass
			18	22.94	-5.50	15.29	<=34.77	Pass
			39	22.92	-5.50	15.27	<=34.77	Pass
		75	0	22.97	-5.50	15.32	<=34.77	Pass
	680.5	1	0	23.83	-5.50	16.18	<=34.77	Pass
			38	23.78	-5.50	16.13	<=34.77	Pass
			74	23.75	-5.50	16.10	<=34.77	Pass
		36	0	22.89	-5.50	15.24	<=34.77	Pass
			18	22.93	-5.50	15.28	<=34.77	Pass
			39	22.79	-5.50	15.14	<=34.77	Pass
		75	0	22.94	-5.50	15.29	<=34.77	Pass
	690.5	1	0	23.72	-5.50	16.07	<=34.77	Pass
			38	23.81	-5.50	16.16	<=34.77	Pass
			74	23.72	-5.50	16.07	<=34.77	Pass
		36	0	22.83	-5.50	15.18	<=34.77	Pass
			18	22.85	-5.50	15.20	<=34.77	Pass
			39	22.86	-5.50	15.21	<=34.77	Pass
		75	0	22.94	-5.50	15.29	<=34.77	Pass
16QAM	670.5	1	0	23.11	-5.50	15.46	<=34.77	Pass
			38	22.99	-5.50	15.34	<=34.77	Pass
			74	22.94	-5.50	15.29	<=34.77	Pass
		36	0	21.91	-5.50	14.26	<=34.77	Pass
			18	21.92	-5.50	14.27	<=34.77	Pass
			39	21.94	-5.50	14.29	<=34.77	Pass

		75	0	22.00	-5.50	14.35	<=34.77	Pass
	680.5	1	0	22.96	-5.50	15.31	<=34.77	Pass
			38	23.04	-5.50	15.39	<=34.77	Pass
			74	22.91	-5.50	15.26	<=34.77	Pass
		36	0	21.91	-5.50	14.26	<=34.77	Pass
			18	21.91	-5.50	14.26	<=34.77	Pass
			39	21.81	-5.50	14.16	<=34.77	Pass
		75	0	21.96	-5.50	14.31	<=34.77	Pass
	690.5	1	0	22.93	-5.50	15.28	<=34.77	Pass
			38	23.01	-5.50	15.36	<=34.77	Pass
			74	22.85	-5.50	15.20	<=34.77	Pass
		36	0	21.85	-5.50	14.20	<=34.77	Pass
			18	21.89	-5.50	14.24	<=34.77	Pass
			39	21.92	-5.50	14.27	<=34.77	Pass
		75	0	21.95	-5.50	14.30	<=34.77	Pass
64QAM	670.5	1	0	22.15	-5.50	14.50	<=34.77	Pass
			38	21.97	-5.50	14.32	<=34.77	Pass
			74	21.97	-5.50	14.32	<=34.77	Pass
		36	0	20.87	-5.50	13.22	<=34.77	Pass
			18	20.92	-5.50	13.65	<=34.77	Pass
			39	20.94	-5.50	13.29	<=34.77	Pass
		75	0	20.95	-5.50	13.30	<=34.77	Pass
	680.5	1	0	21.94	-5.50	14.29	<=34.77	Pass
			38	21.94	-5.50	14.29	<=34.77	Pass
			74	21.78	-5.50	14.13	<=34.77	Pass
		36	0	20.88	-5.50	13.23	<=34.77	Pass
			18	20.95	-5.50	13.30	<=34.77	Pass
			39	20.78	-5.50	13.13	<=34.77	Pass
		75	0	20.95	-5.50	13.30	<=34.77	Pass
	690.5	1	0	21.95	-5.50	14.30	<=34.77	Pass
			38	22.10	-5.50	14.45	<=34.77	Pass
			74	21.95	-5.50	14.30	<=34.77	Pass
		36	0	20.84	-5.50	13.19	<=34.77	Pass
			18	20.88	-5.50	13.23	<=34.77	Pass
			39	20.88	-5.50	13.23	<=34.77	Pass
		75	0	20.93	-5.50	13.28	<=34.77	Pass
256QAM	670.5	1	0	19.06	-5.50	11.41	<=34.77	Pass
			38	18.93	-5.50	11.28	<=34.77	Pass
			74	19.11	-5.50	11.46	<=34.77	Pass
		36	0	18.85	-5.50	11.20	<=34.77	Pass
			18	18.86	-5.50	11.21	<=34.77	Pass
			39	18.89	-5.50	11.24	<=34.77	Pass
		75	0	18.93	-5.50	11.28	<=34.77	Pass
	680.5	1	0	19.04	-5.50	11.39	<=34.77	Pass
			38	18.91	-5.50	11.26	<=34.77	Pass
			74	18.92	-5.50	11.27	<=34.77	Pass
		36	0	18.93	-5.50	11.28	<=34.77	Pass
			18	18.91	-5.50	11.26	<=34.77	Pass
			39	18.85	-5.50	11.20	<=34.77	Pass
		75	0	18.96	-5.50	11.31	<=34.77	Pass
	690.5	1	0	18.96	-5.50	11.31	<=34.77	Pass
			38	19.02	-5.50	11.37	<=34.77	Pass
			74	19.00	-5.50	11.35	<=34.77	Pass
		36	0	18.82	-5.50	11.17	<=34.77	Pass
			18	18.82	-5.50	11.17	<=34.77	Pass
			39	18.80	-5.50	11.15	<=34.77	Pass
		75	0	18.93	-5.50	11.28	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B71_20MHz_ERP

1.4.1 Test Result

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	23.89	-5.50	16.24	<=34.77	Pass
			50	23.83	-5.50	16.18	<=34.77	Pass
			99	23.78	-5.50	16.13	<=34.77	Pass
		50	0	22.86	-5.50	15.21	<=34.77	Pass
			25	22.98	-5.50	15.33	<=34.77	Pass
			50	22.91	-5.50	15.26	<=34.77	Pass
		100	0	23.01	-5.50	15.36	<=34.77	Pass
	683	1	0	23.81	-5.50	16.16	<=34.77	Pass
			50	23.79	-5.50	16.14	<=34.77	Pass
			99	23.75	-5.50	16.10	<=34.77	Pass
		50	0	22.94	-5.50	15.29	<=34.77	Pass
			25	22.84	-5.50	15.19	<=34.77	Pass
			50	22.90	-5.50	15.25	<=34.77	Pass
		100	0	22.97	-5.50	15.32	<=34.77	Pass
	688	1	0	23.89	-5.50	16.24	<=34.77	Pass
			50	23.79	-5.50	16.14	<=34.77	Pass
			99	23.77	-5.50	16.12	<=34.77	Pass
		50	0	22.92	-5.50	15.27	<=34.77	Pass
			25	22.84	-5.50	15.19	<=34.77	Pass
			50	22.91	-5.50	15.26	<=34.77	Pass
		100	0	22.87	-5.50	15.22	<=34.77	Pass
16QAM	673	1	0	22.98	-5.50	15.33	<=34.77	Pass
			50	22.94	-5.50	15.29	<=34.77	Pass
			99	22.85	-5.50	15.20	<=34.77	Pass
		50	0	21.89	-5.50	14.24	<=34.77	Pass
			25	21.97	-5.50	14.32	<=34.77	Pass
			50	21.93	-5.50	14.28	<=34.77	Pass
		100	0	21.98	-5.50	14.33	<=34.77	Pass
	683	1	0	22.87	-5.50	15.22	<=34.77	Pass
			50	22.80	-5.50	15.15	<=34.77	Pass
			99	22.90	-5.50	15.25	<=34.77	Pass
		50	0	21.95	-5.50	14.30	<=34.77	Pass
			25	21.87	-5.50	14.22	<=34.77	Pass
			50	21.90	-5.50	14.25	<=34.77	Pass
		100	0	21.96	-5.50	14.31	<=34.77	Pass
	688	1	0	22.93	-5.50	15.28	<=34.77	Pass
			50	22.80	-5.50	15.15	<=34.77	Pass
			99	22.75	-5.50	15.10	<=34.77	Pass
		50	0	21.88	-5.50	14.23	<=34.77	Pass
			25	21.89	-5.50	14.24	<=34.77	Pass
			50	21.91	-5.50	14.26	<=34.77	Pass
		100	0	21.88	-5.50	14.23	<=34.77	Pass
64QAM	673	1	0	22.11	-5.50	14.46	<=34.77	Pass
			50	22.03	-5.50	14.38	<=34.77	Pass
			99	21.92	-5.50	14.27	<=34.77	Pass
		50	0	20.85	-5.50	13.20	<=34.77	Pass

			25	21.01	-5.50	13.36	<=34.77	Pass
			50	20.97	-5.50	13.32	<=34.77	Pass
		100	0	20.98	-5.50	13.33	<=34.77	Pass
	683	1	0	22.06	-5.50	14.41	<=34.77	Pass
			50	22.03	-5.50	14.38	<=34.77	Pass
			99	21.99	-5.50	14.34	<=34.77	Pass
		50	0	20.91	-5.50	13.26	<=34.77	Pass
			25	20.87	-5.50	13.22	<=34.77	Pass
			50	20.86	-5.50	13.21	<=34.77	Pass
		100	0	20.97	-5.50	13.32	<=34.77	Pass
	688	1	0	22.11	-5.50	14.46	<=34.77	Pass
			50	21.96	-5.50	14.31	<=34.77	Pass
			99	21.97	-5.50	14.32	<=34.77	Pass
		50	0	20.86	-5.50	13.21	<=34.77	Pass
			25	20.87	-5.50	13.22	<=34.77	Pass
			50	20.89	-5.50	13.24	<=34.77	Pass
		100	0	20.88	-5.50	13.23	<=34.77	Pass
256QAM	673	1	0	19.31	-5.50	11.66	<=34.77	Pass
			50	19.07	-5.50	11.42	<=34.77	Pass
			99	19.01	-5.50	11.36	<=34.77	Pass
		50	0	18.87	-5.50	11.22	<=34.77	Pass
			25	18.93	-5.50	11.28	<=34.77	Pass
			50	18.98	-5.50	11.33	<=34.77	Pass
		100	0	18.99	-5.50	11.34	<=34.77	Pass
	683	1	0	19.02	-5.50	11.37	<=34.77	Pass
			50	18.95	-5.50	11.30	<=34.77	Pass
			99	19.21	-5.50	11.56	<=34.77	Pass
		50	0	18.96	-5.50	11.31	<=34.77	Pass
			25	18.86	-5.50	11.21	<=34.77	Pass
			50	18.85	-5.50	11.20	<=34.77	Pass
		100	0	18.95	-5.50	11.30	<=34.77	Pass
	688	1	0	18.93	-5.50	11.28	<=34.77	Pass
			50	19.07	-5.50	11.42	<=34.77	Pass
			99	19.22	-5.50	11.57	<=34.77	Pass
		50	0	18.89	-5.50	11.24	<=34.77	Pass
			25	18.81	-5.50	11.16	<=34.77	Pass
			50	18.91	-5.50	11.26	<=34.77	Pass
		100	0	18.82	-5.50	11.17	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B71_20MHz

2.1.1 Test Result

Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	673	100	0	20	3.65	-0.229	-0.0003	-2.5 to 2.5	Pass
					3.87	0.014	0.0000	-2.5 to 2.5	Pass
					4.45	-1.388	-0.0021	-2.5 to 2.5	Pass
				-30	3.87	-0.257	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	-0.186	-0.0003	-2.5 to 2.5	Pass

				-10	3.87	-0.601	-0.0009	-2.5 to 2.5	Pass
				0	3.87	-0.930	-0.0014	-2.5 to 2.5	Pass
				10	3.87	-0.758	-0.0011	-2.5 to 2.5	Pass
				30	3.87	-0.615	-0.0009	-2.5 to 2.5	Pass
				40	3.87	0.758	0.0011	-2.5 to 2.5	Pass
				50	3.87	-1.144	-0.0017	-2.5 to 2.5	Pass
	683	100	0	20	3.65	-0.315	-0.0005	-2.5 to 2.5	Pass
					3.87	-1.073	-0.0016	-2.5 to 2.5	Pass
					4.45	-2.689	-0.0039	-2.5 to 2.5	Pass
				-30	3.87	-1.416	-0.0021	-2.5 to 2.5	Pass
				-20	3.87	-0.129	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	-1.345	-0.0020	-2.5 to 2.5	Pass
				0	3.87	-0.587	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-0.529	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-0.916	-0.0013	-2.5 to 2.5	Pass
				40	3.87	-0.858	-0.0013	-2.5 to 2.5	Pass
				50	3.87	-0.958	-0.0014	-2.5 to 2.5	Pass
	688	100	0	20	3.65	-1.445	-0.0021	-2.5 to 2.5	Pass
					3.87	-1.545	-0.0022	-2.5 to 2.5	Pass
					4.45	-0.687	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-0.544	-0.0008	-2.5 to 2.5	Pass
				-20	3.87	-0.257	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-0.043	-0.0001	-2.5 to 2.5	Pass
				0	3.87	-1.373	-0.0020	-2.5 to 2.5	Pass
				10	3.87	0.172	0.0003	-2.5 to 2.5	Pass
				30	3.87	-1.388	-0.0020	-2.5 to 2.5	Pass
				40	3.87	-1.559	-0.0023	-2.5 to 2.5	Pass
				50	3.87	-0.300	-0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band71_OBW

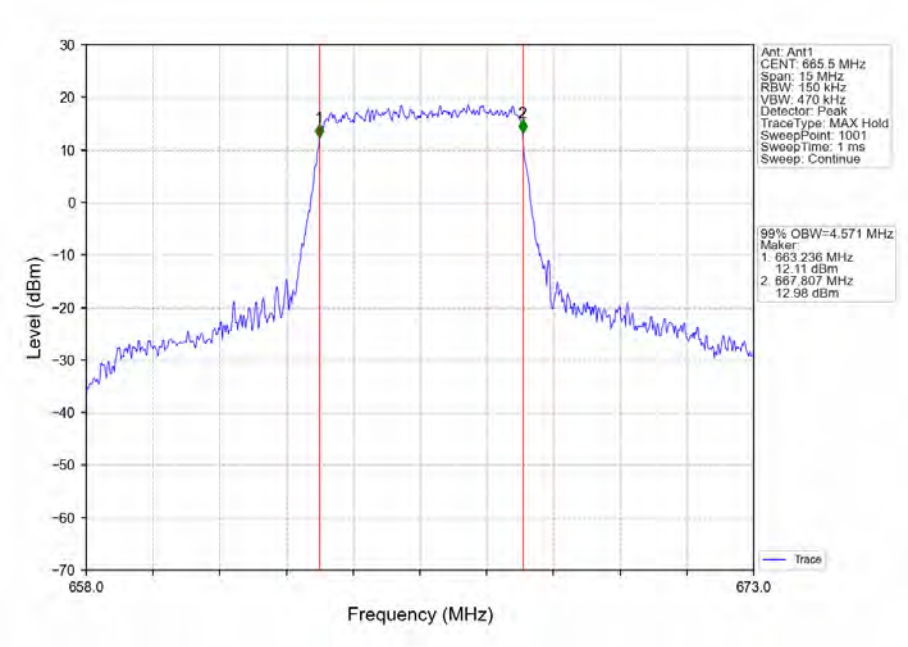
3.1.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.571	/	Pass
		680.5	25	0	4.549	/	Pass
		695.5	25	0	4.554	/	Pass
	16QAM	665.5	25	0	4.547	/	Pass
		680.5	25	0	4.581	/	Pass
		695.5	25	0	4.574	/	Pass
	64QAM	665.5	25	0	4.561	/	Pass
		680.5	25	0	4.574	/	Pass
		695.5	25	0	4.579	/	Pass
	256QAM	665.5	25	0	4.586	/	Pass
		680.5	25	0	4.558	/	Pass
		695.5	25	0	4.579	/	Pass
10	QPSK	668	50	0	9.055	/	Pass
		680.5	50	0	9.088	/	Pass
		693	50	0	9.010	/	Pass
	16QAM	668	50	0	9.064	/	Pass

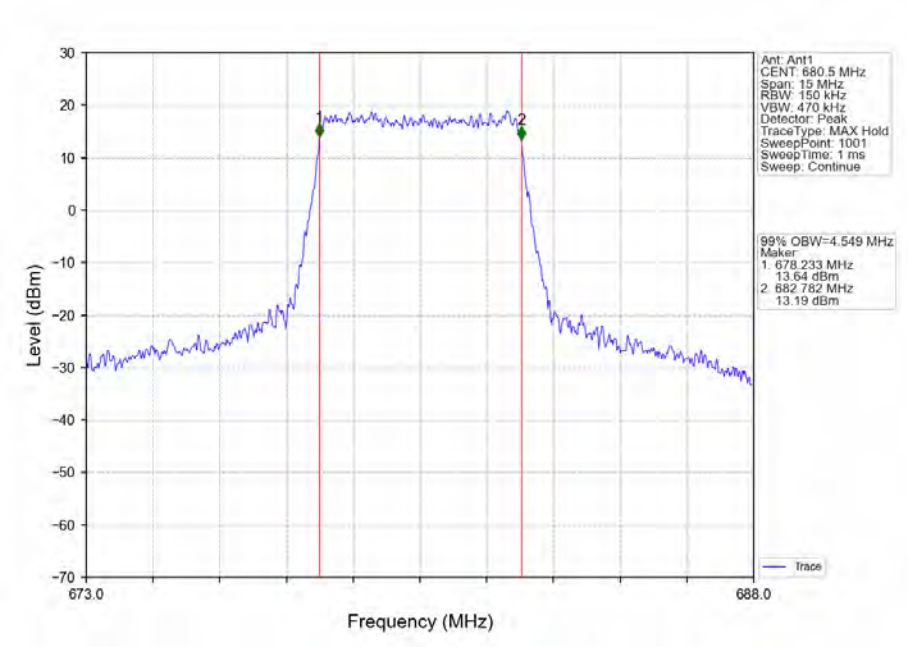
		680.5	50	0	9.096	/	Pass
		693	50	0	9.051	/	Pass
	64QAM	668	50	0	9.041	/	Pass
		680.5	50	0	9.091	/	Pass
		693	50	0	9.052	/	Pass
	256QAM	668	50	0	9.081	/	Pass
		680.5	50	0	9.043	/	Pass
		693	50	0	9.024	/	Pass
15	QPSK	670.5	75	0	13.472	/	Pass
		680.5	75	0	13.629	/	Pass
		690.5	75	0	13.567	/	Pass
	16QAM	670.5	75	0	13.469	/	Pass
		680.5	75	0	13.633	/	Pass
		690.5	75	0	13.571	/	Pass
	64QAM	670.5	75	0	13.538	/	Pass
		680.5	75	0	13.613	/	Pass
		690.5	75	0	13.558	/	Pass
	256QAM	670.5	75	0	13.518	/	Pass
		680.5	75	0	13.627	/	Pass
		690.5	75	0	13.494	/	Pass
20	QPSK	673	100	0	17.941	/	Pass
		683	100	0	18.082	/	Pass
		688	100	0	17.949	/	Pass
	16QAM	673	100	0	17.942	/	Pass
		683	100	0	18.166	/	Pass
		688	100	0	17.985	/	Pass
	64QAM	673	100	0	17.928	/	Pass
		683	100	0	18.112	/	Pass
		688	100	0	18.008	/	Pass
	256QAM	673	100	0	17.949	/	Pass
		683	100	0	18.134	/	Pass
		688	100	0	17.979	/	Pass

3.1.2 Test Graph

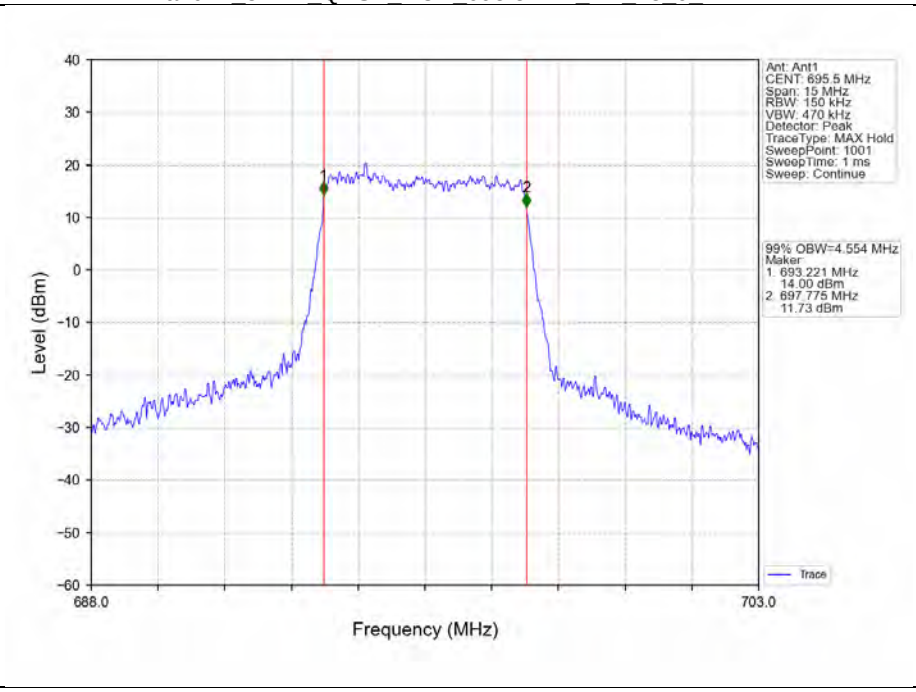
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



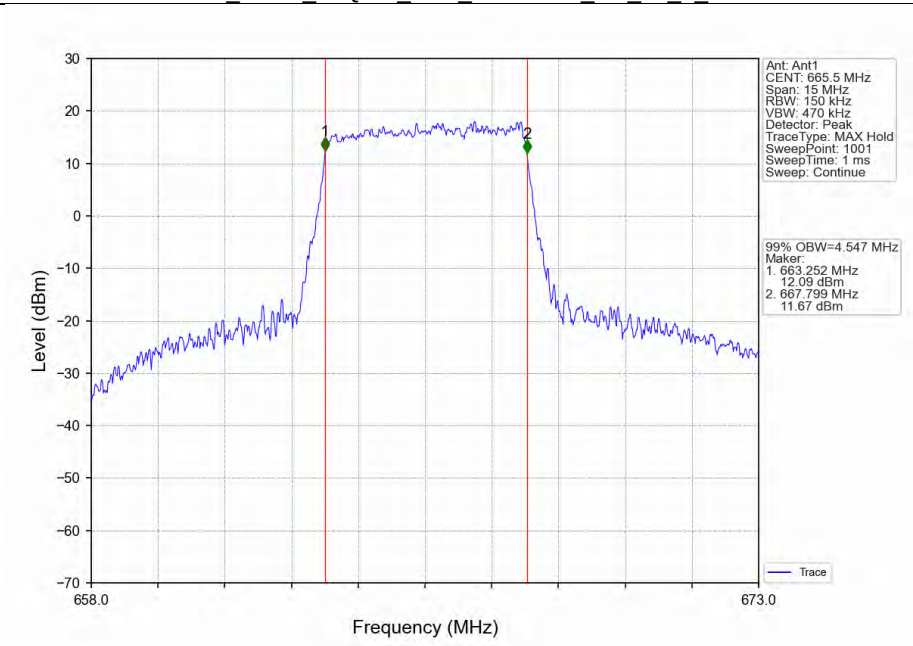
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



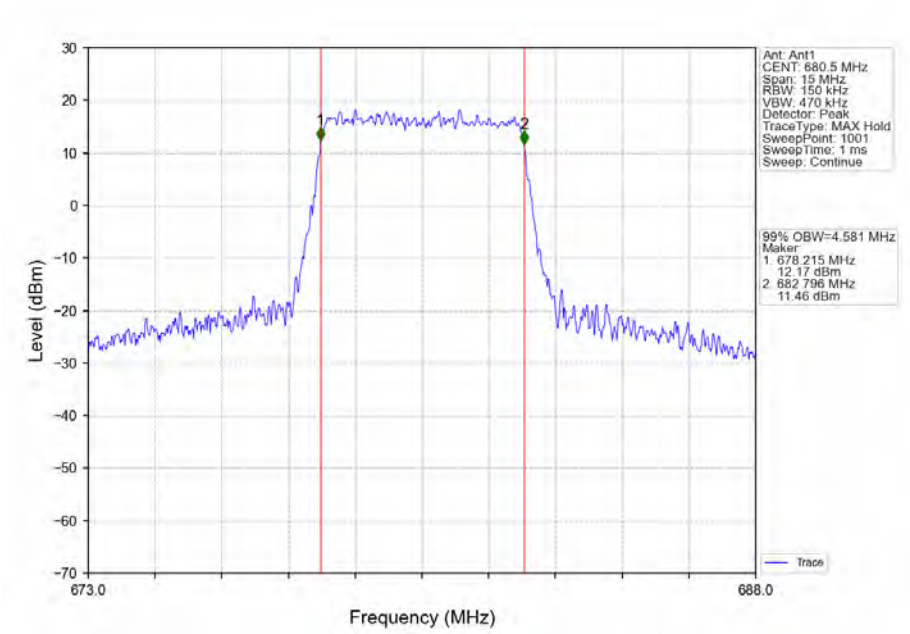
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



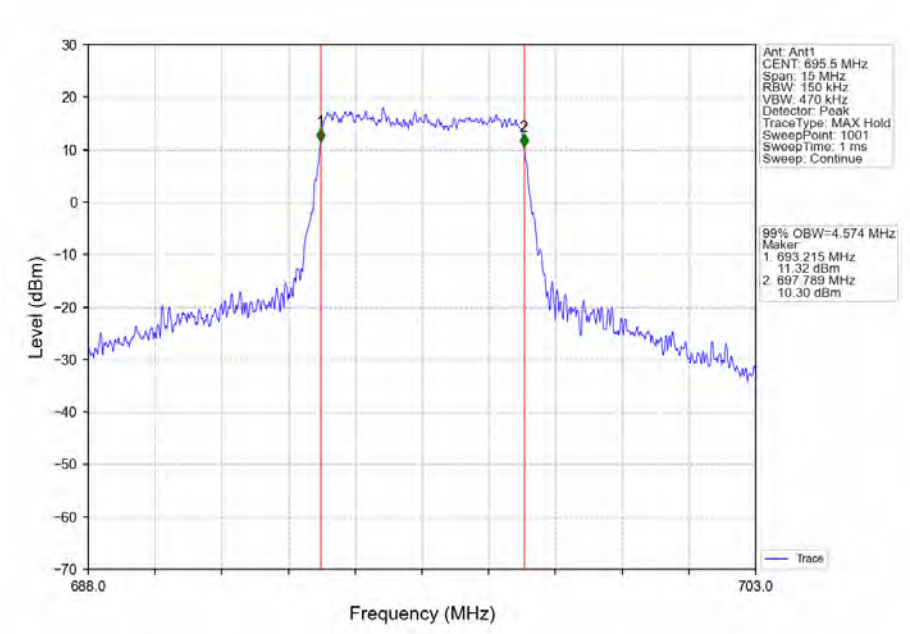
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



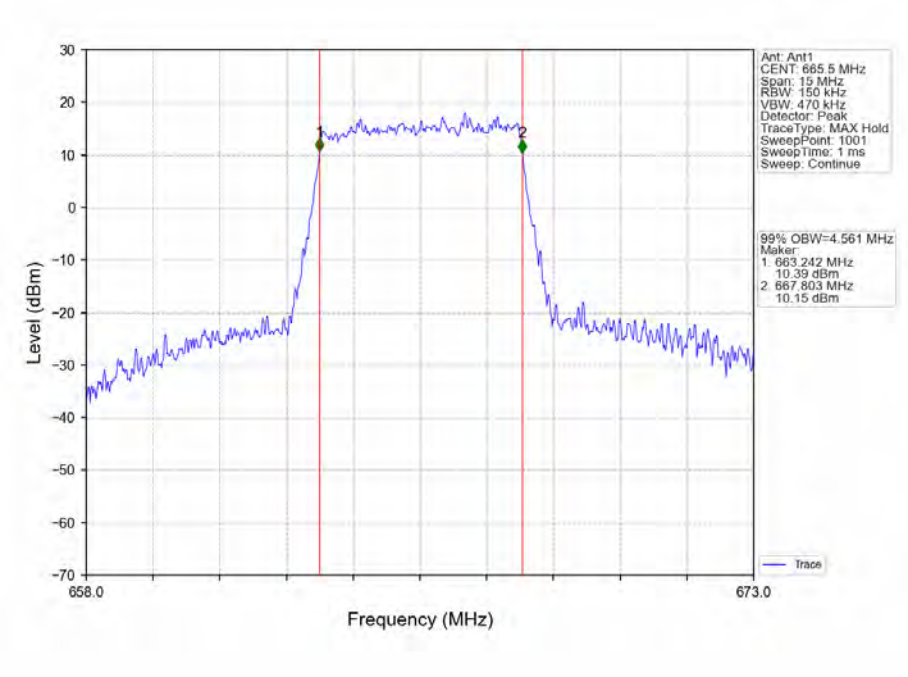
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



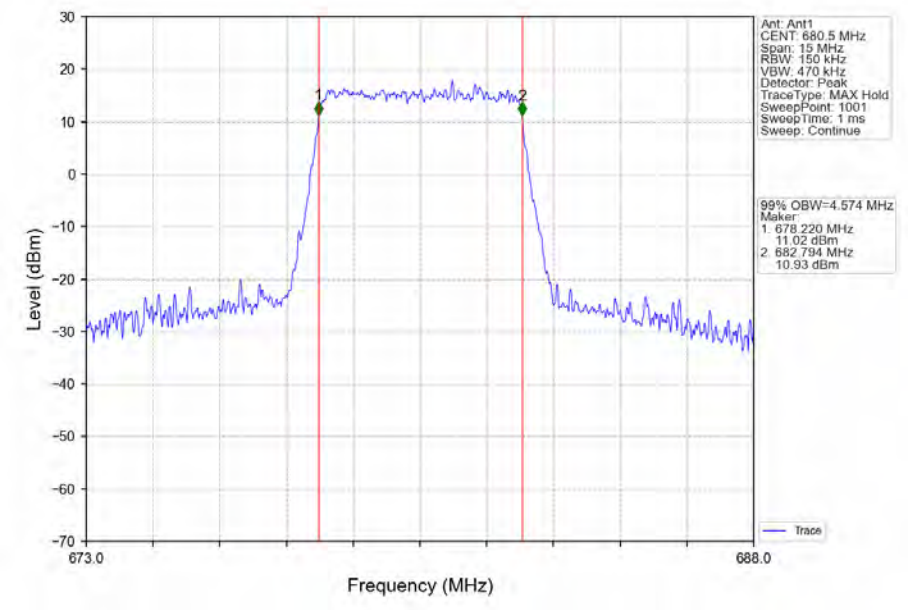
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



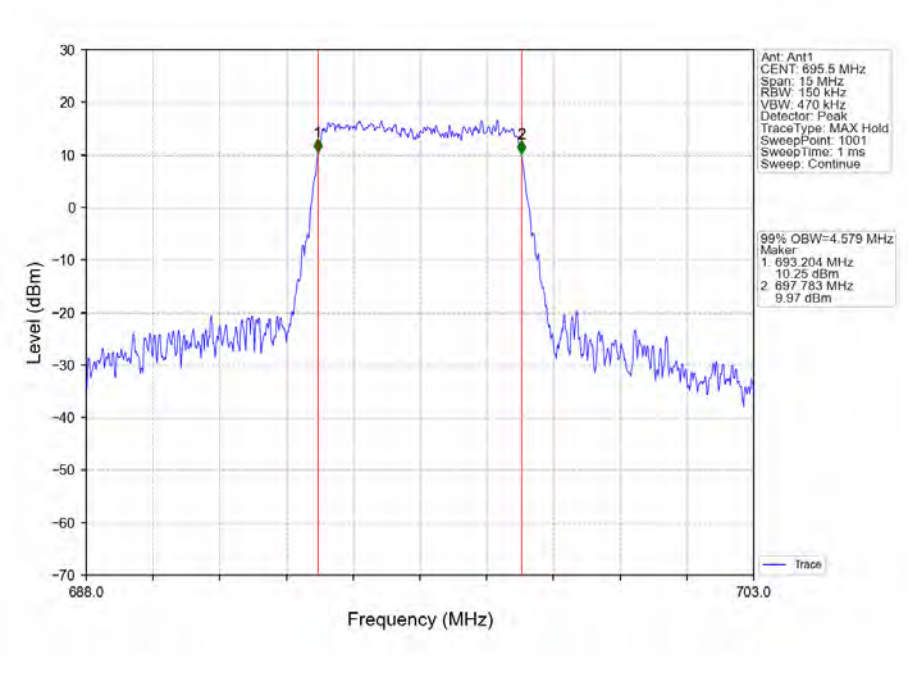
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



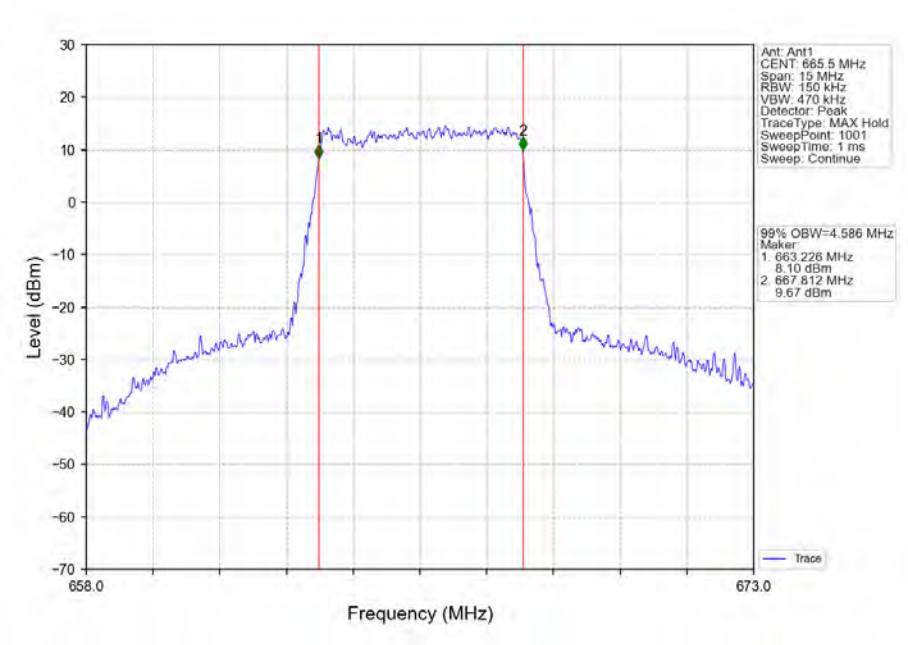
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



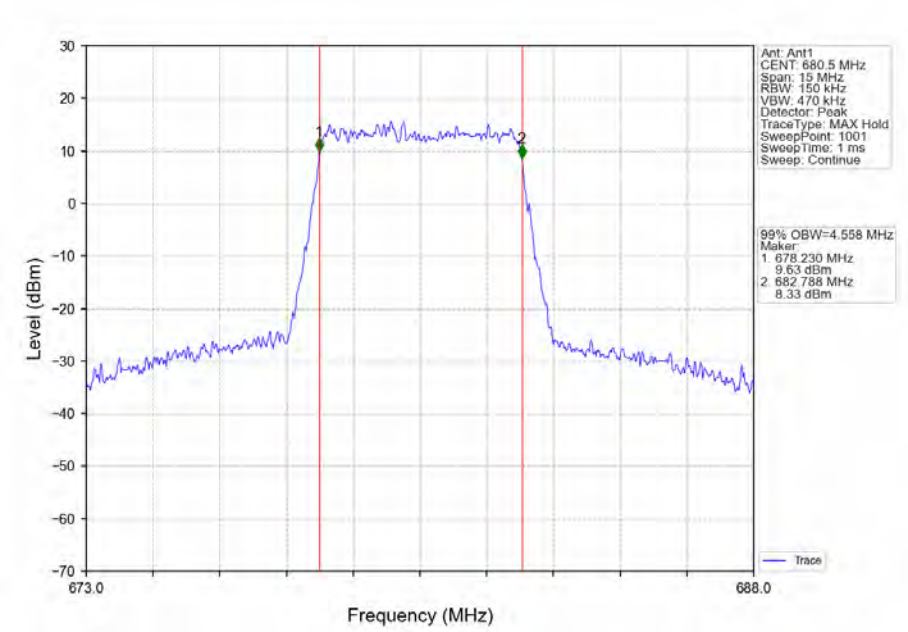
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



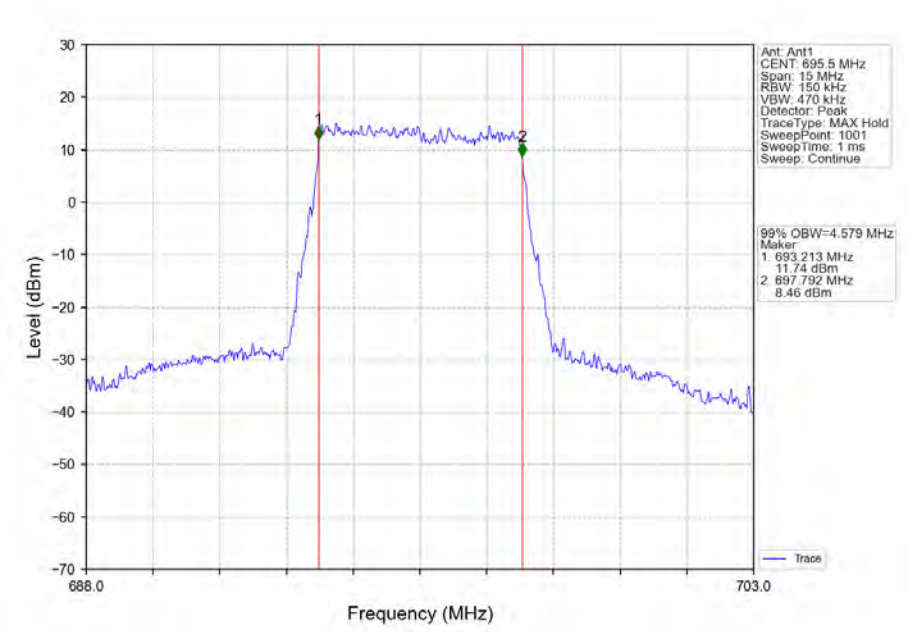
Band71_5MHz_256QAM_LCH_665.5MHz_RB_25_0_NTNV



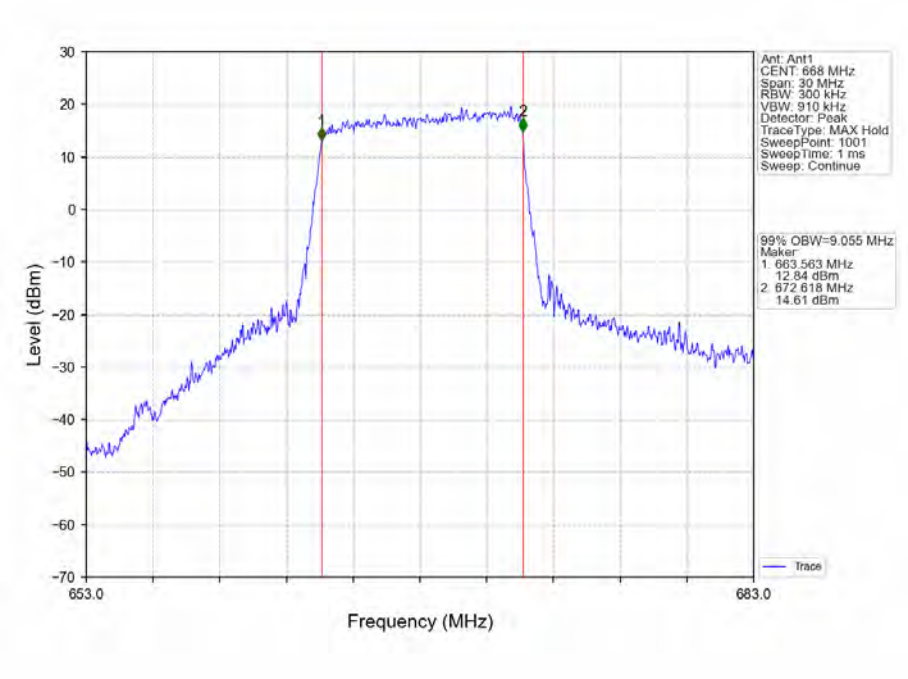
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



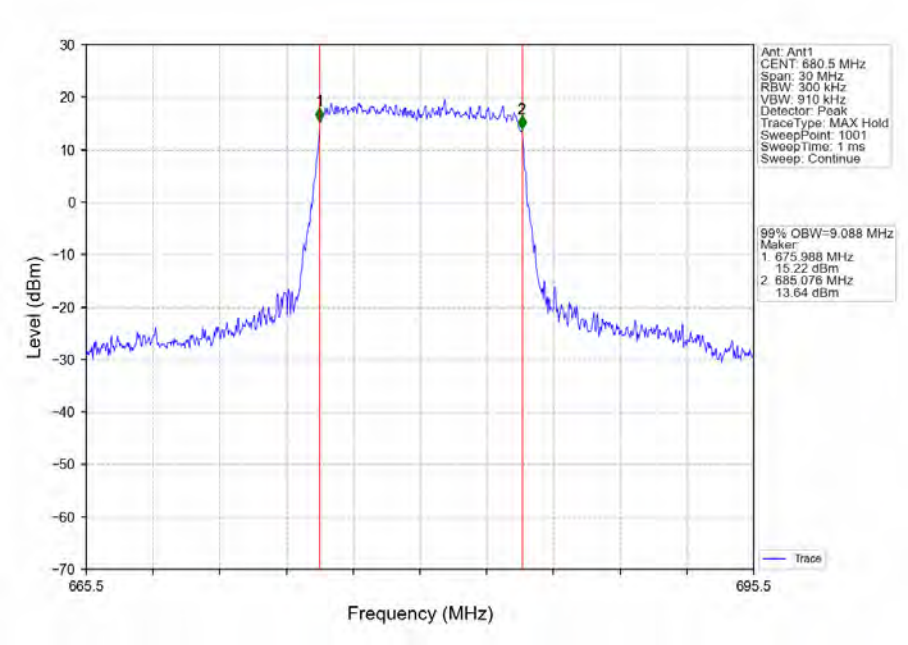
Band71_5MHz_256QAM_HCH_695.5MHz_RB_25_0_NTNV



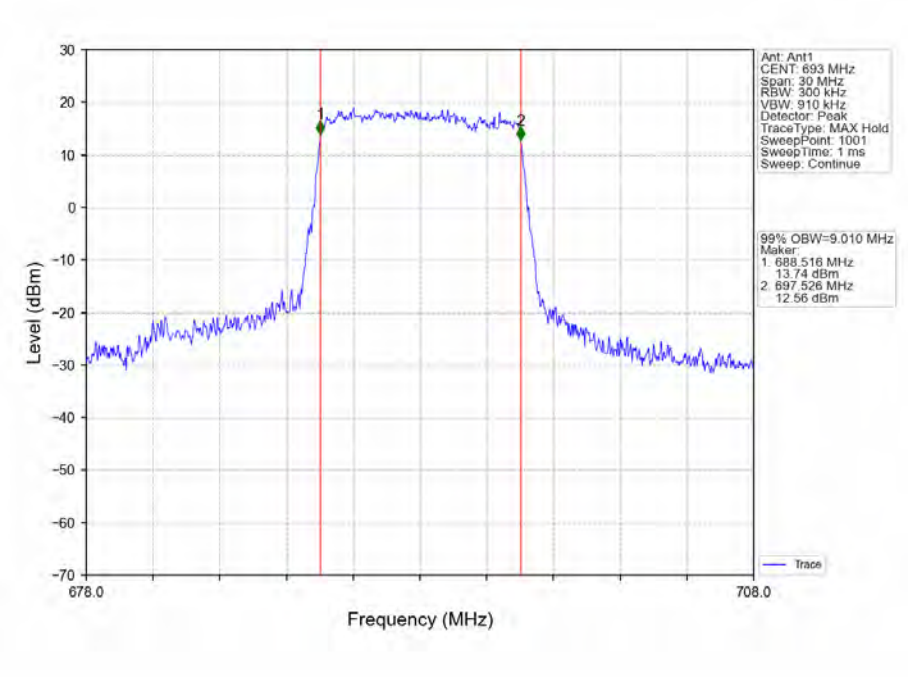
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



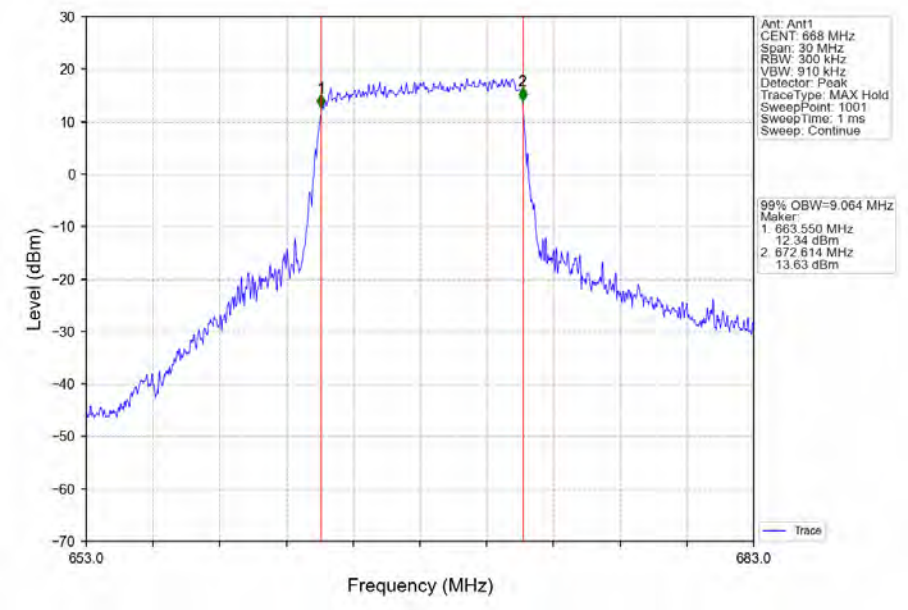
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



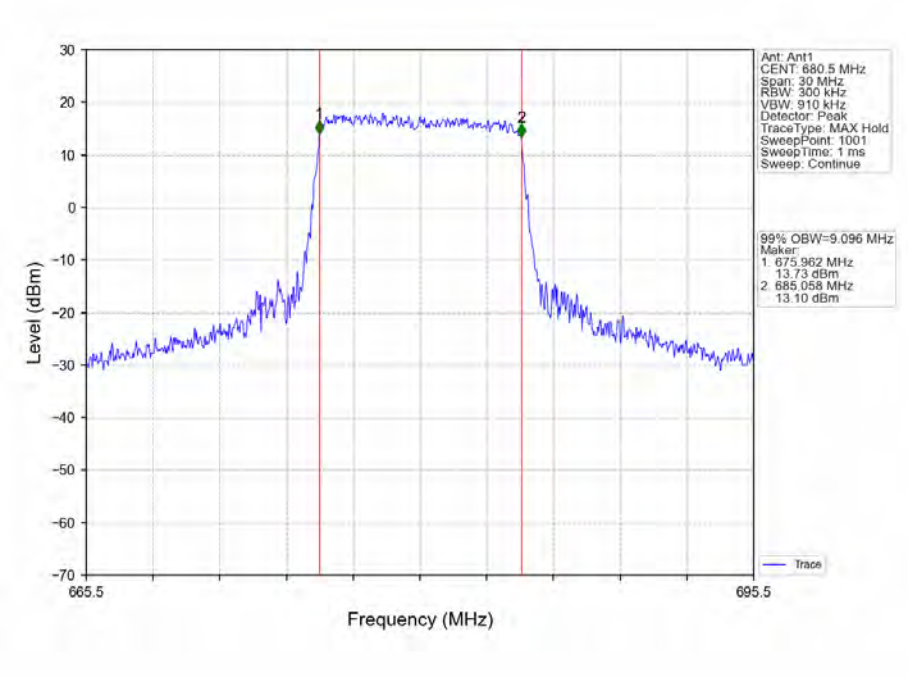
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



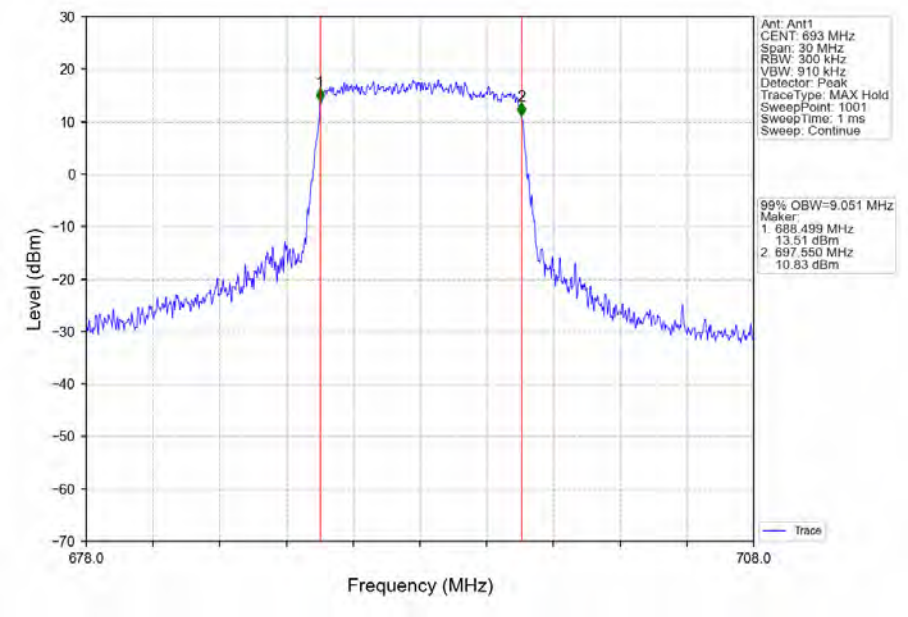
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV

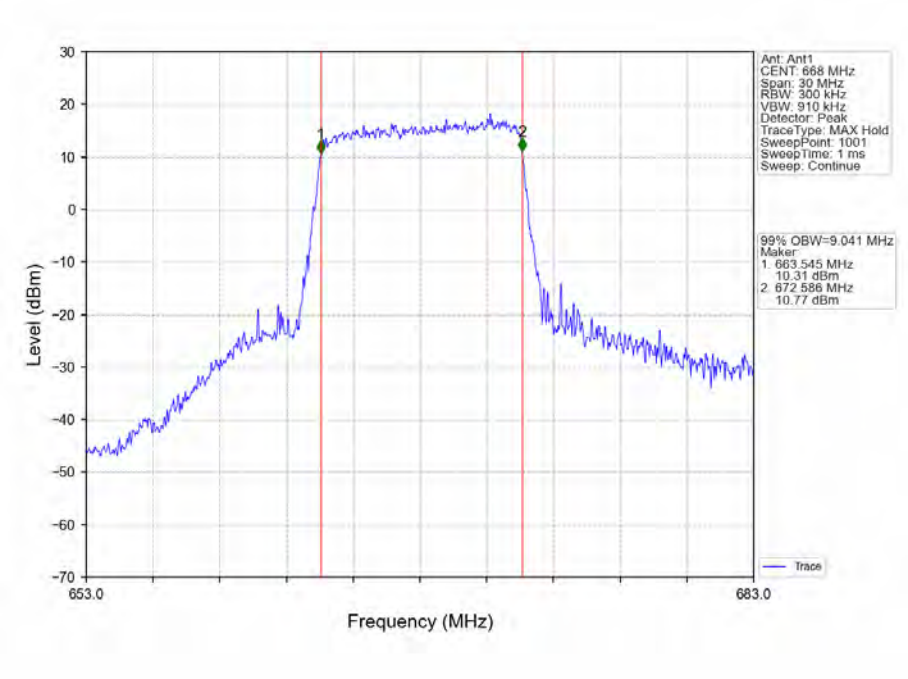


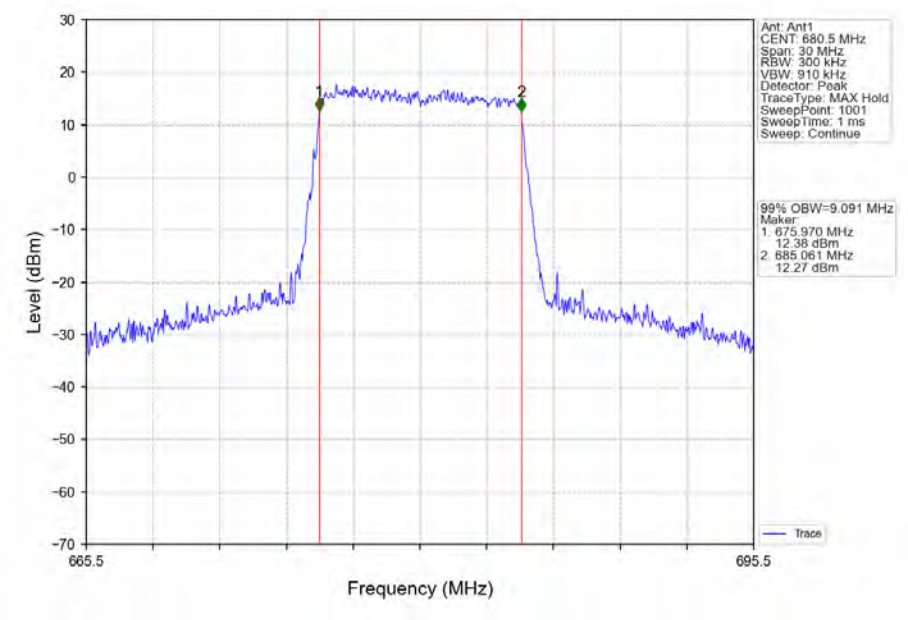
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



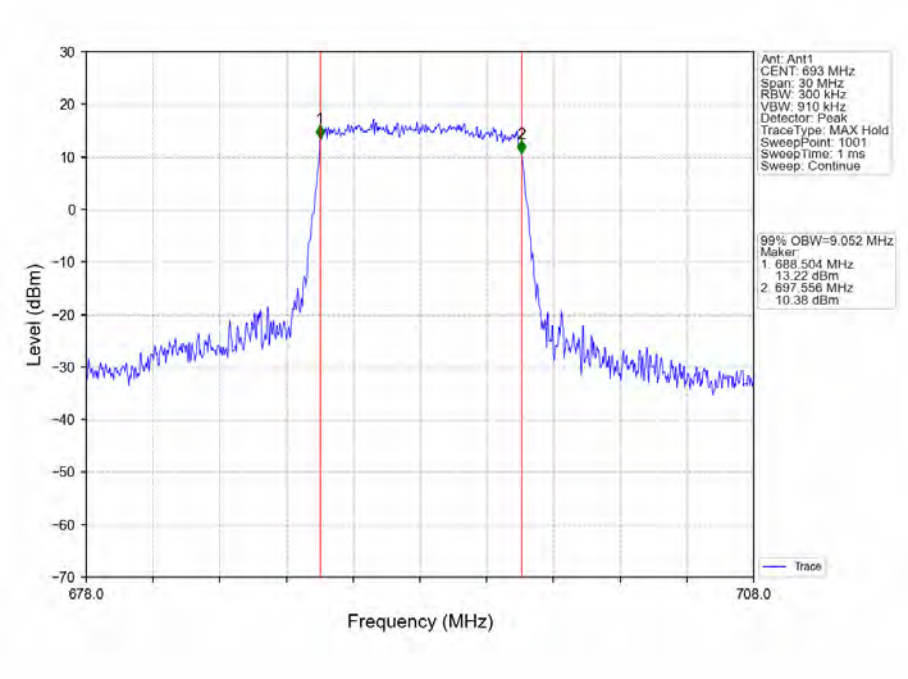
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



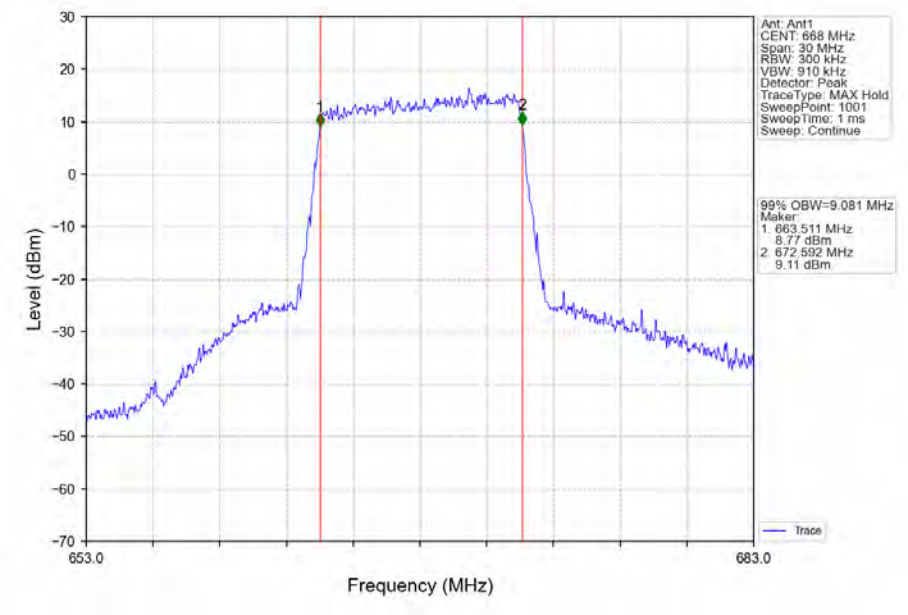
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV


Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV


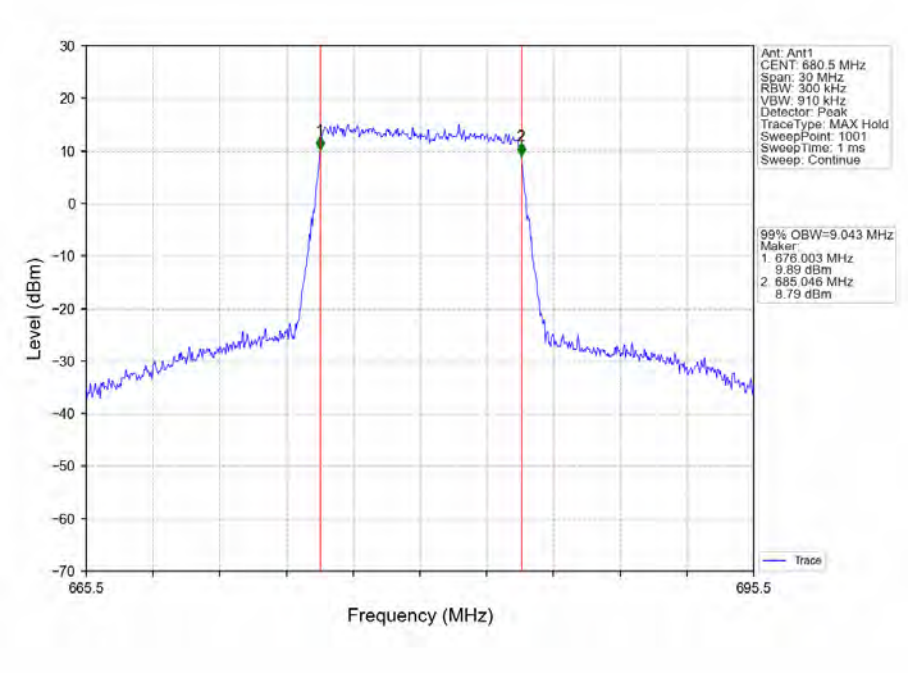
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



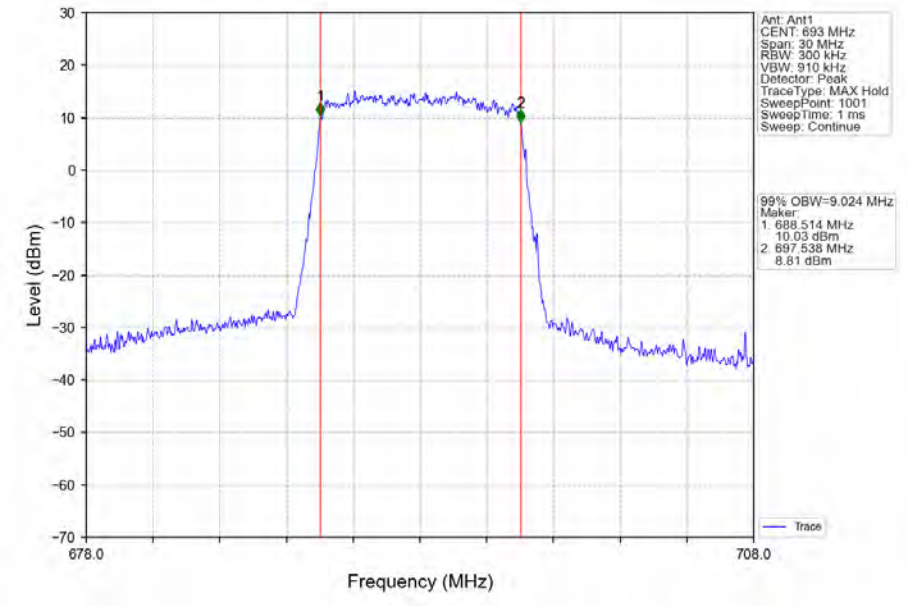
Band71_10MHz_256QAM_LCH_668MHz_RB_50_0_NTNV



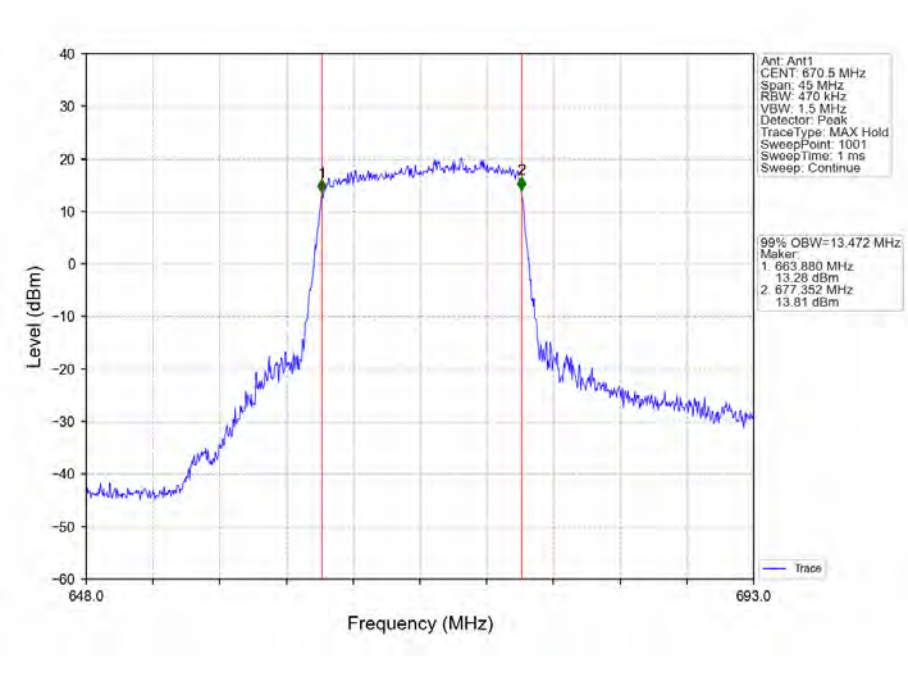
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



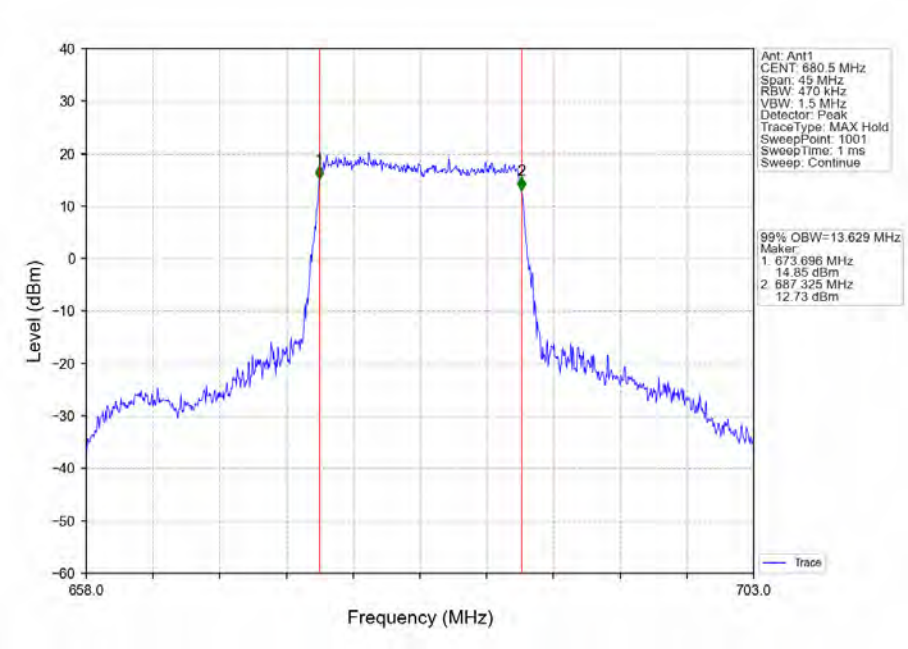
Band71_10MHz_256QAM_HCH_693MHz_RB_50_0_NTNV

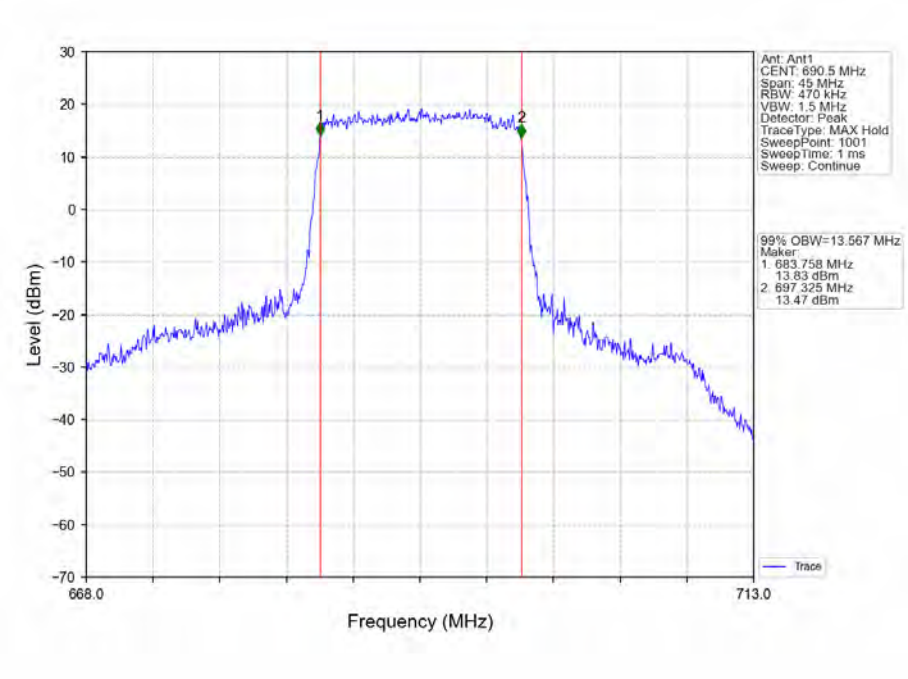


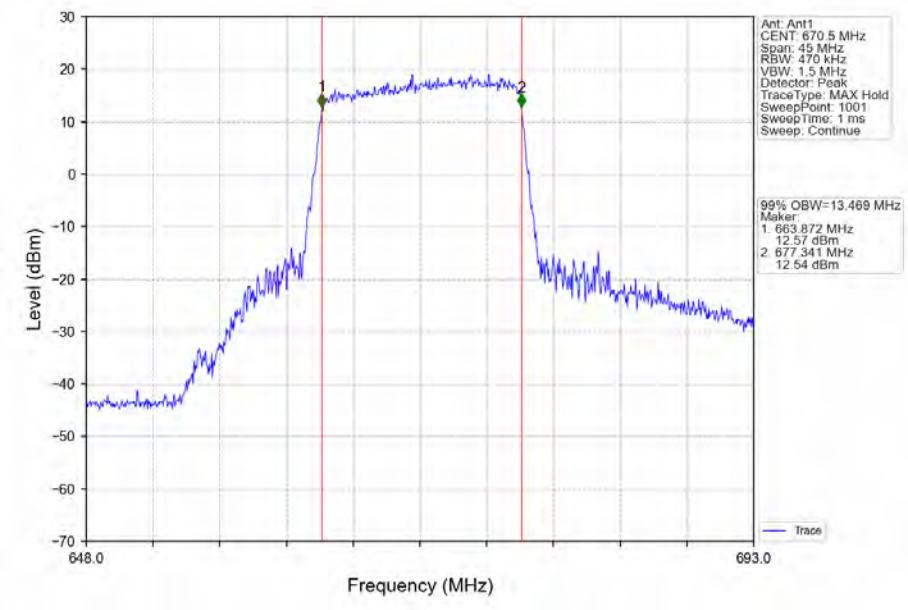
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



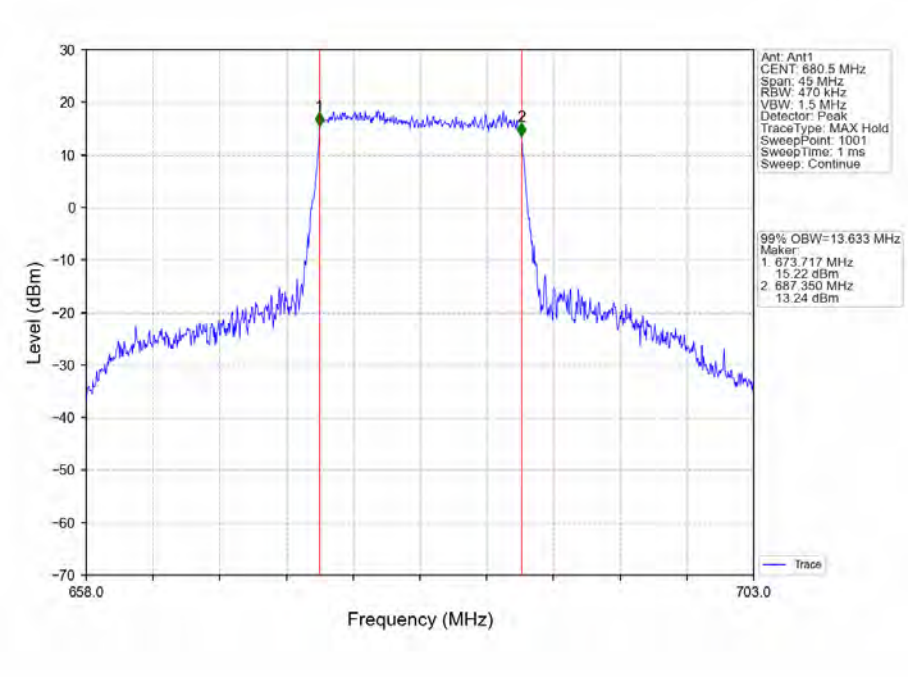
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



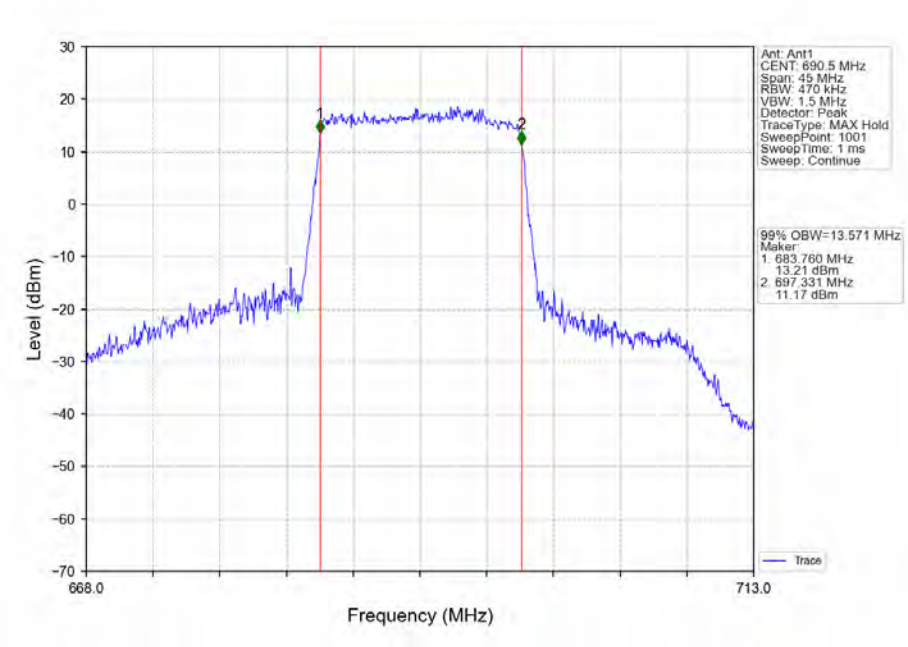
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV


Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV


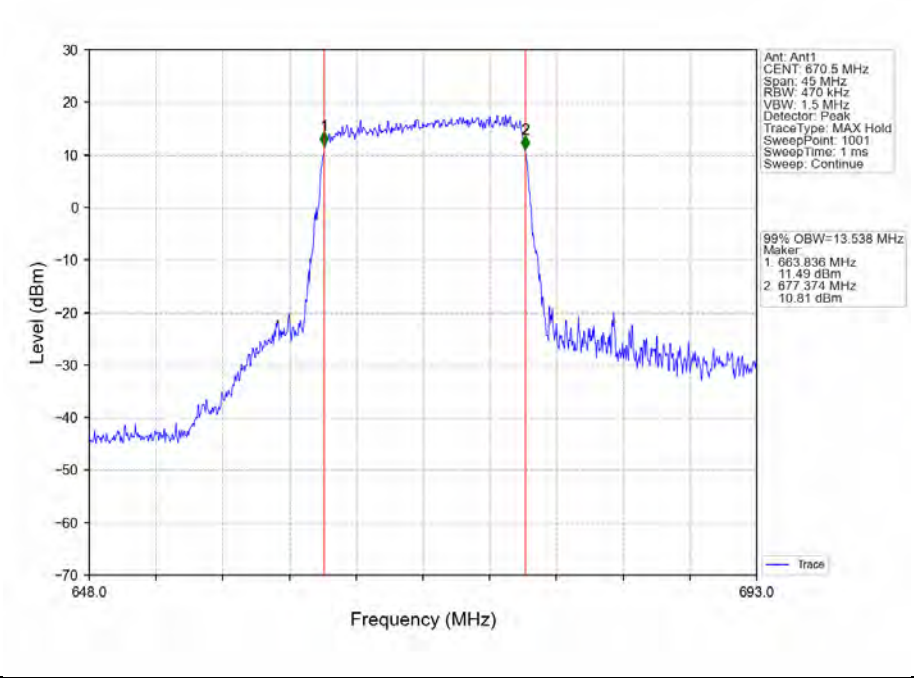
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



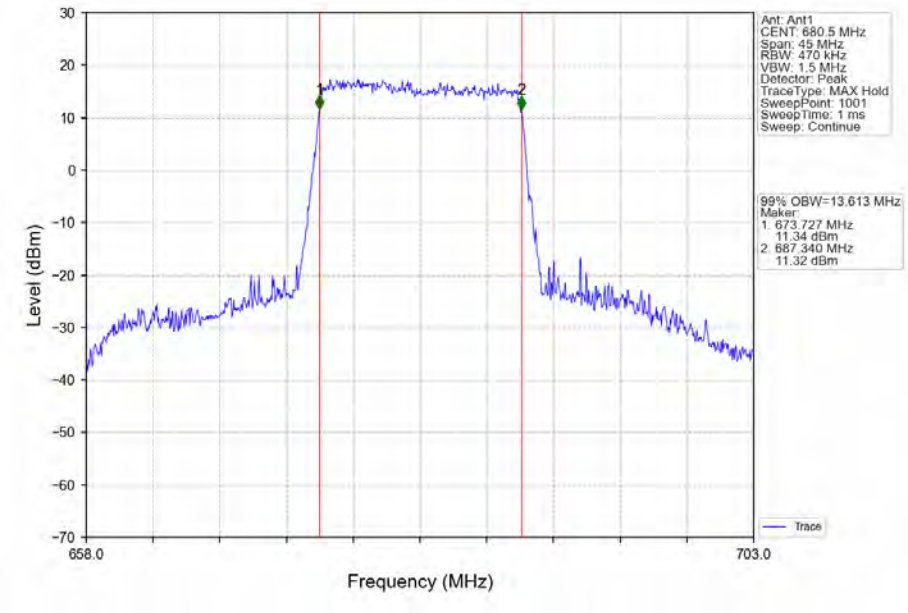
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



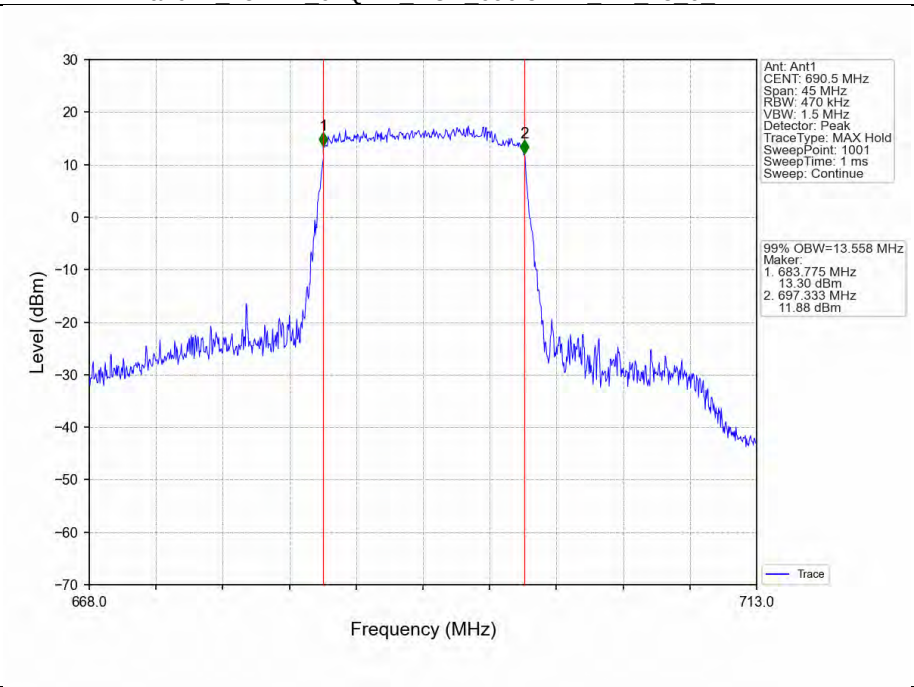
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



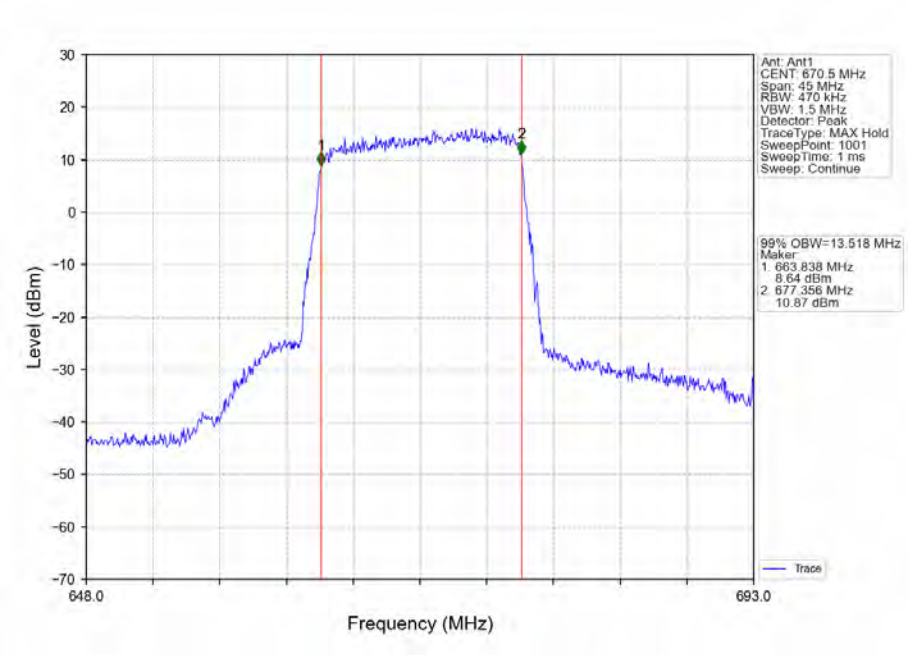
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



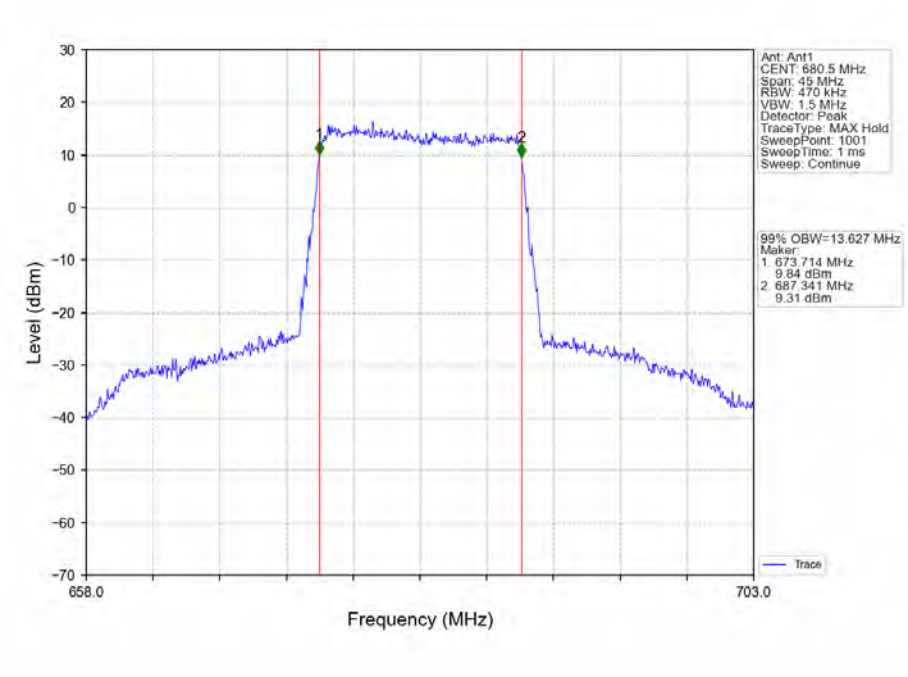
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



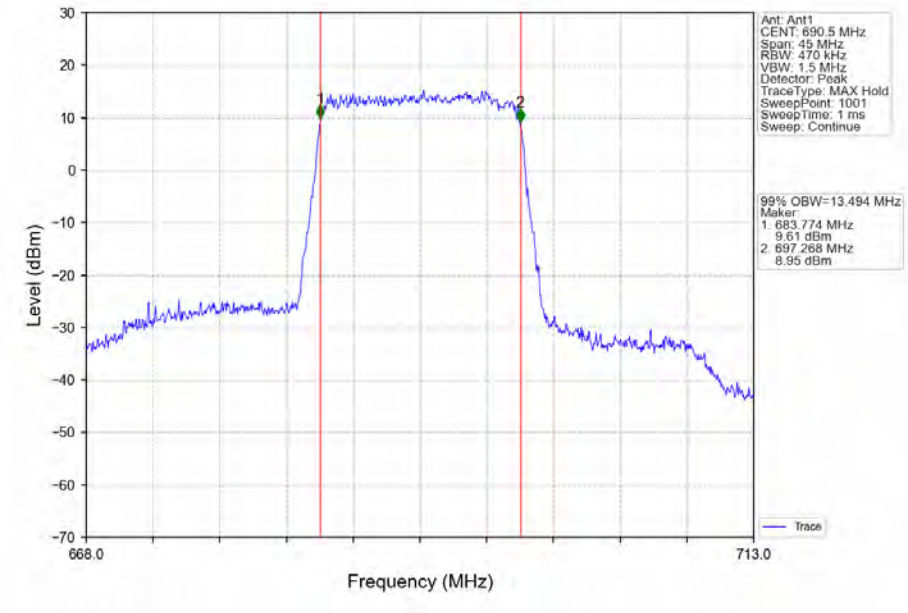
Band71_15MHz_256QAM_LCH_670.5MHz_RB_75_0_NTNV



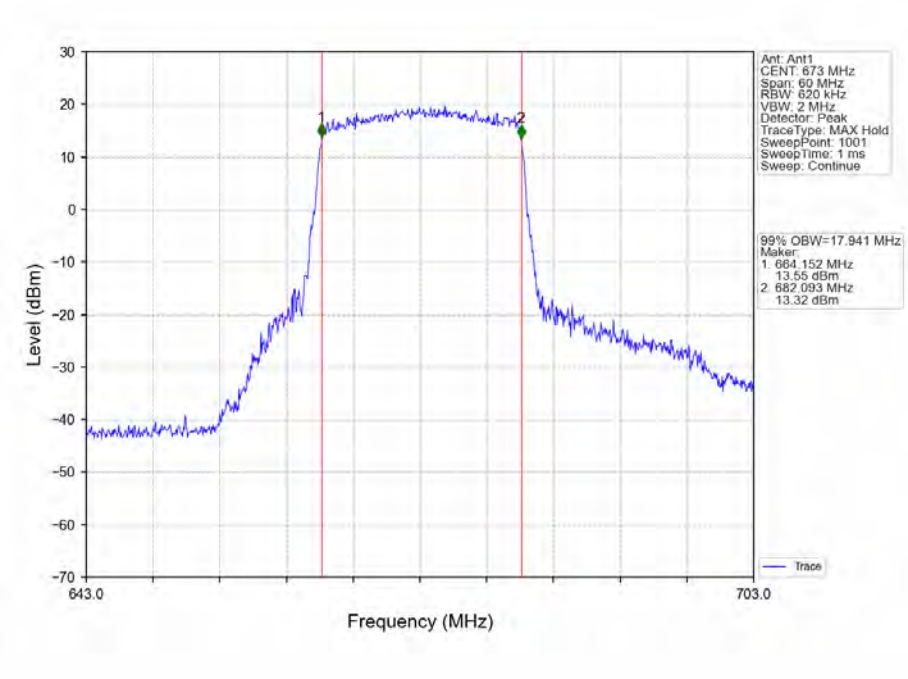
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



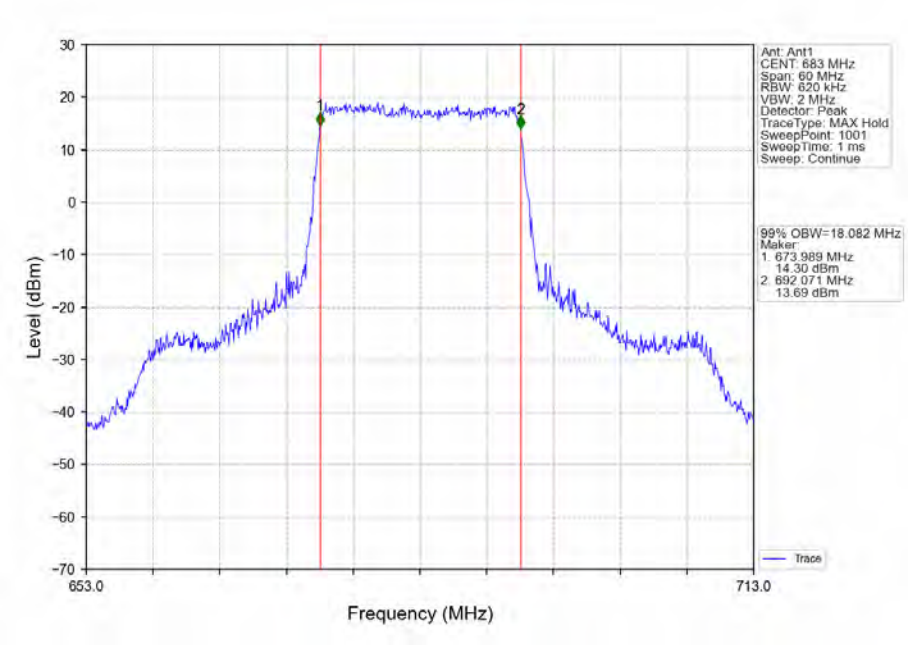
Band71_15MHz_256QAM_HCH_690.5MHz_RB_75_0_NTNV

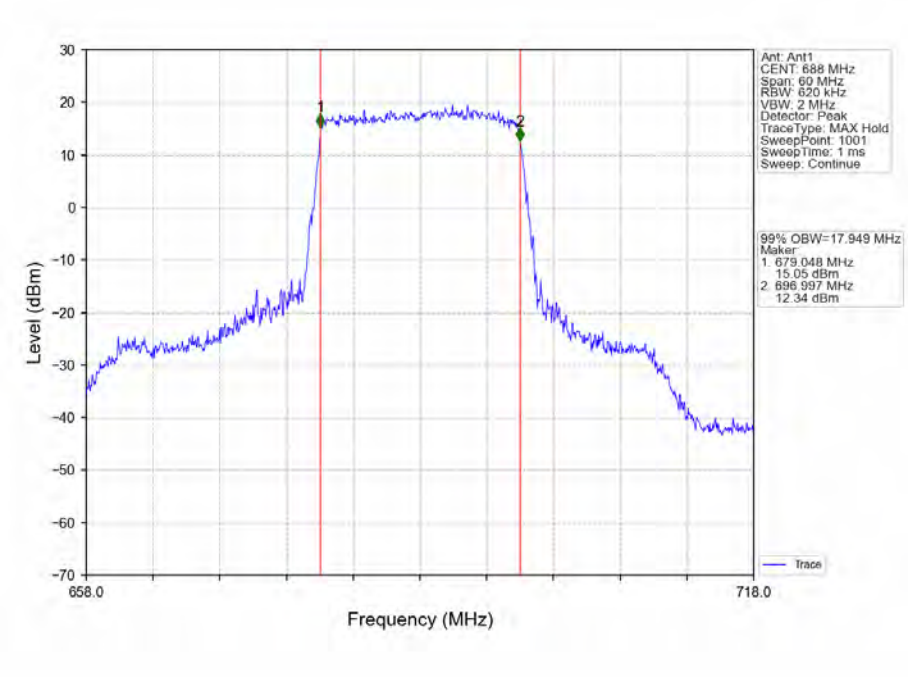
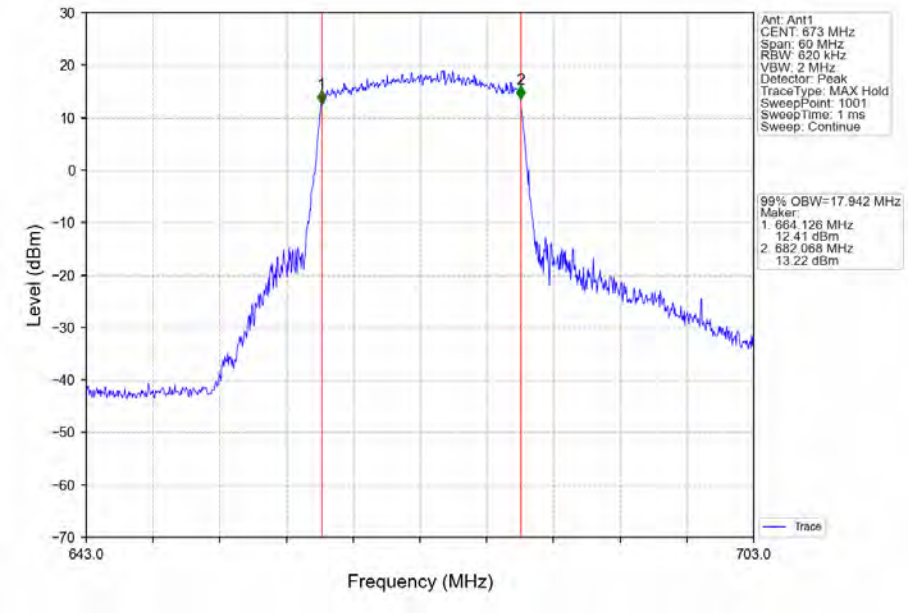


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

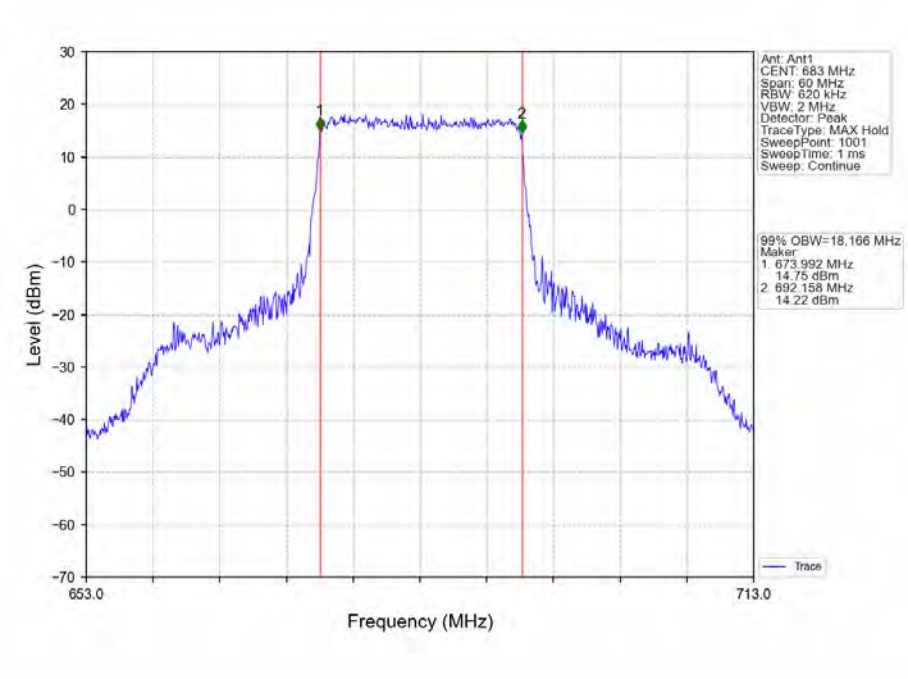


Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

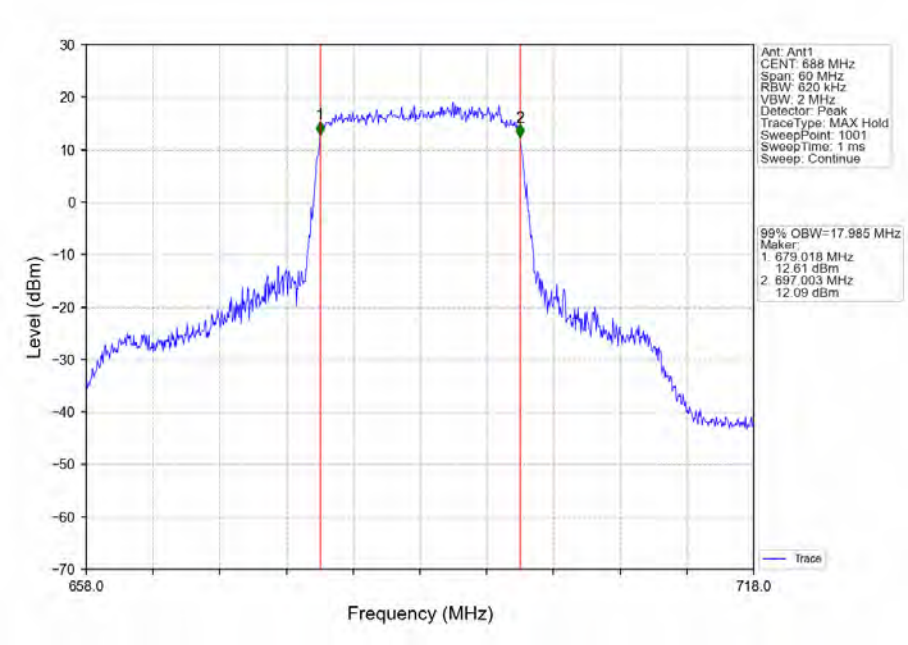


Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV

Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV


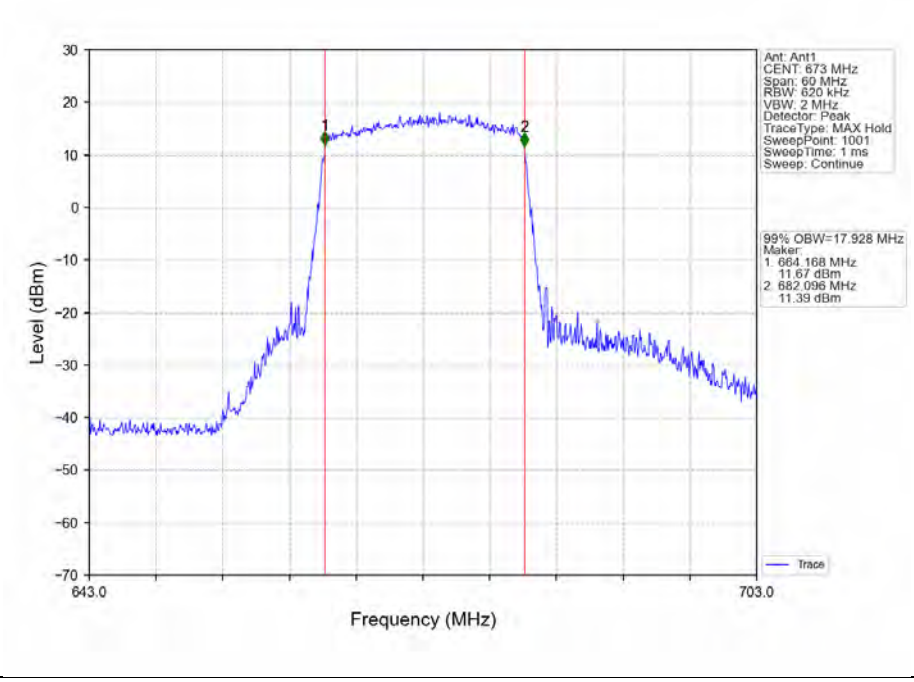
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



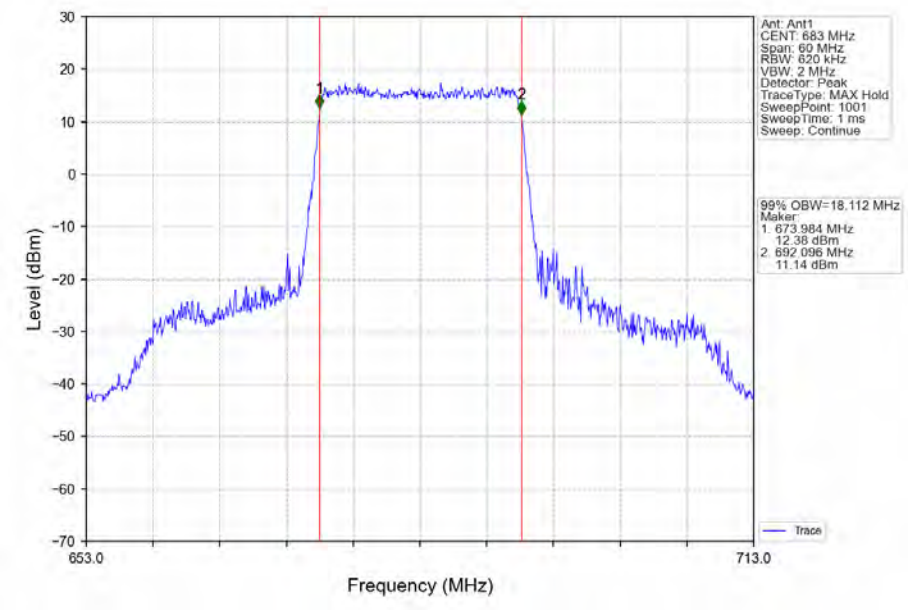
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



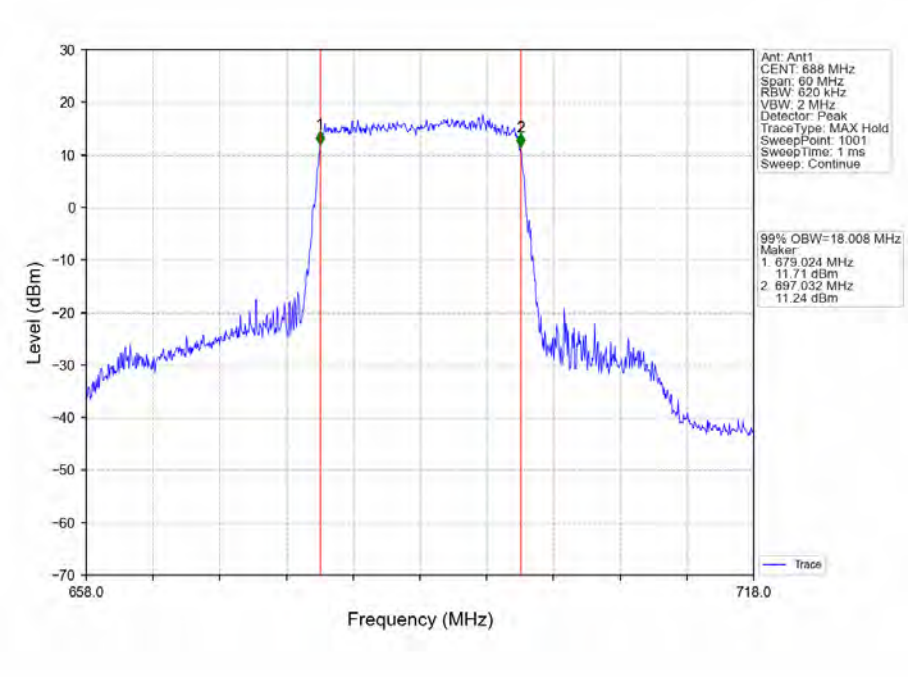
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



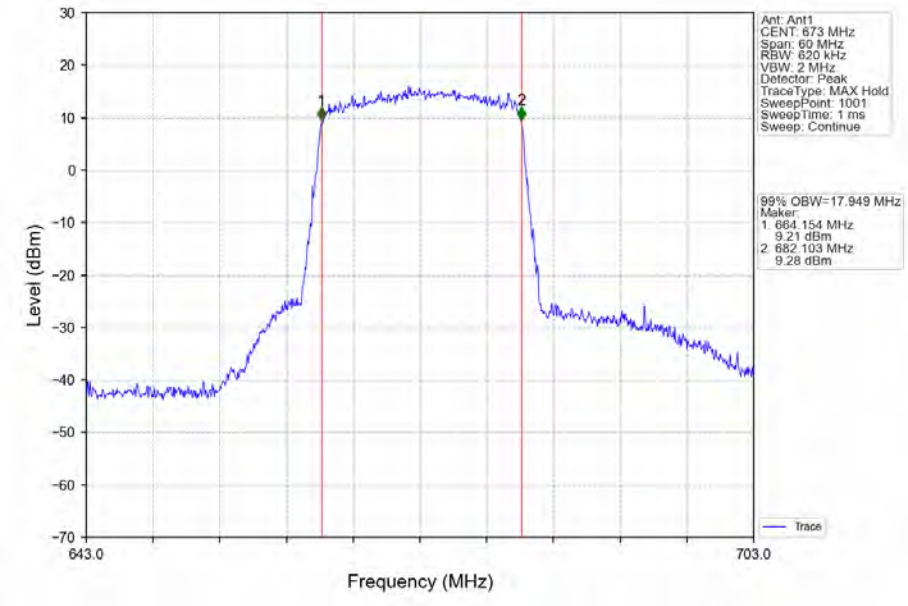
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



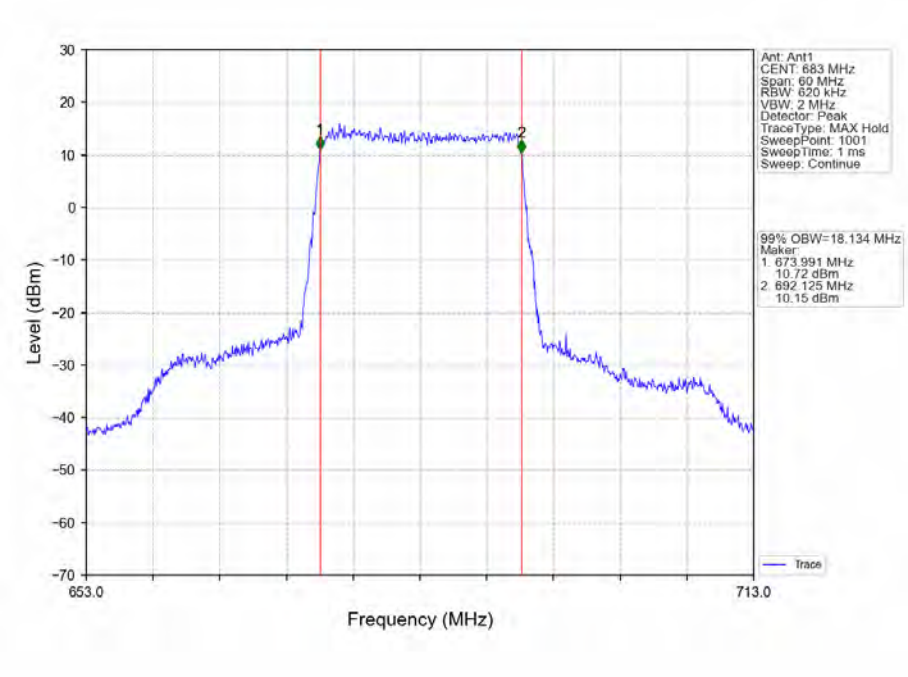
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



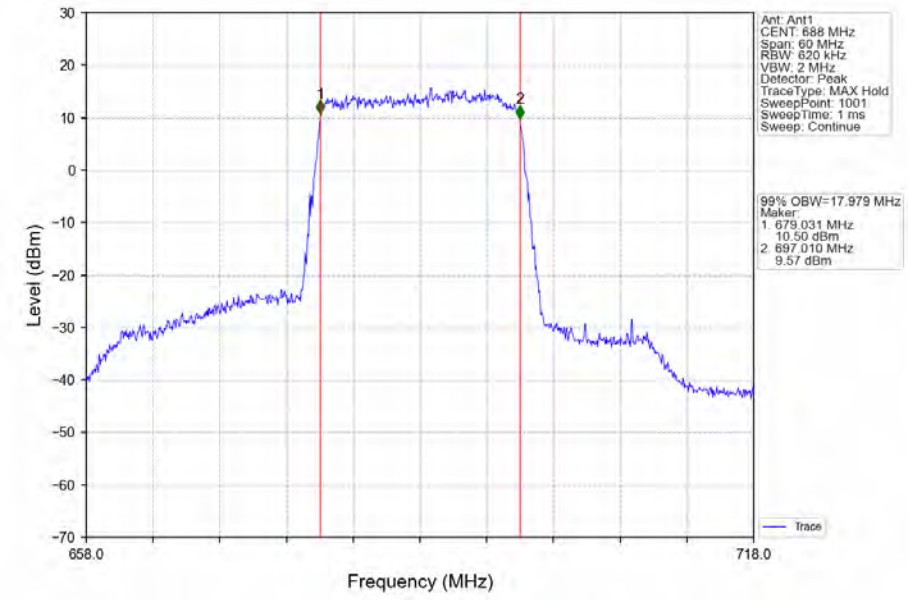
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_HCH_688MHz_RB_100_0_NTNV



3.2 Band71_XDB

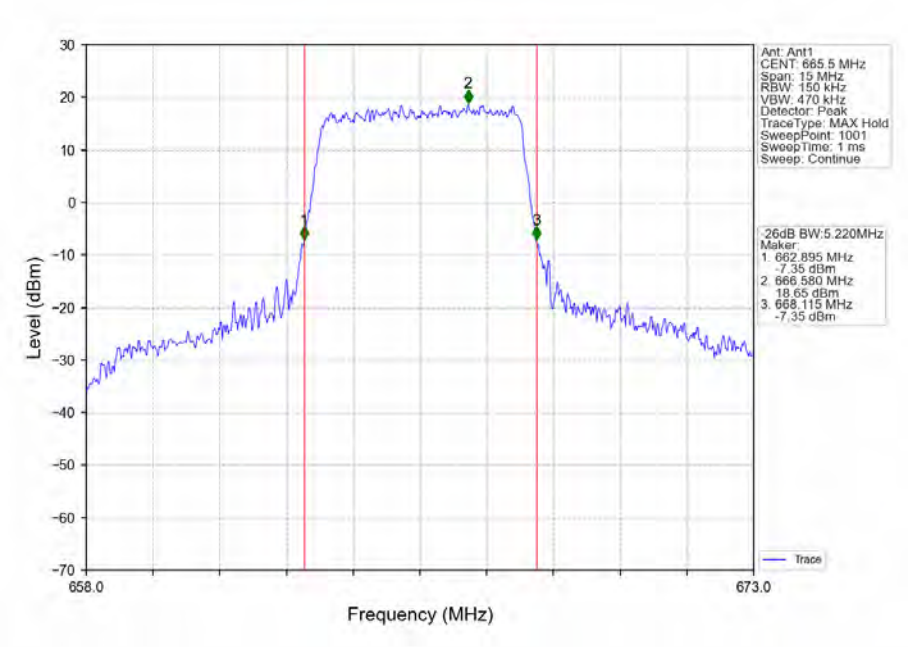
3.2.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.220	/	Pass
		680.5	25	0	5.216	/	Pass
		695.5	25	0	5.135	/	Pass
	16QAM	665.5	25	0	5.307	/	Pass
		680.5	25	0	5.228	/	Pass
		695.5	25	0	5.224	/	Pass
	64QAM	665.5	25	0	5.265	/	Pass
		680.5	25	0	5.212	/	Pass
		695.5	25	0	5.335	/	Pass
	256QAM	665.5	25	0	5.236	/	Pass
		680.5	25	0	5.186	/	Pass
		695.5	25	0	5.309	/	Pass
10	QPSK	668	50	0	10.127	/	Pass
		680.5	50	0	10.147	/	Pass
		693	50	0	10.132	/	Pass
	16QAM	668	50	0	10.207	/	Pass
		680.5	50	0	10.168	/	Pass
		693	50	0	10.185	/	Pass
	64QAM	668	50	0	10.072	/	Pass
		680.5	50	0	10.196	/	Pass
		693	50	0	10.122	/	Pass
	256QAM	668	50	0	10.147	/	Pass
		680.5	50	0	10.185	/	Pass
		693	50	0	10.063	/	Pass
15	QPSK	670.5	75	0	14.992	/	Pass
		680.5	75	0	15.139	/	Pass
		690.5	75	0	14.872	/	Pass
	16QAM	670.5	75	0	15.129	/	Pass
		680.5	75	0	15.299	/	Pass
		690.5	75	0	15.091	/	Pass
	64QAM	670.5	75	0	15.106	/	Pass
		680.5	75	0	15.186	/	Pass
		690.5	75	0	15.148	/	Pass
	256QAM	670.5	75	0	15.160	/	Pass
		680.5	75	0	15.162	/	Pass
		690.5	75	0	15.046	/	Pass
20	QPSK	673	100	0	19.974	/	Pass
		683	100	0	20.165	/	Pass
		688	100	0	20.222	/	Pass
	16QAM	673	100	0	19.835	/	Pass
		683	100	0	20.113	/	Pass
		688	100	0	20.076	/	Pass
	64QAM	673	100	0	19.879	/	Pass
		683	100	0	20.178	/	Pass
		688	100	0	19.924	/	Pass
	256QAM	673	100	0	19.706	/	Pass
		683	100	0	20.091	/	Pass

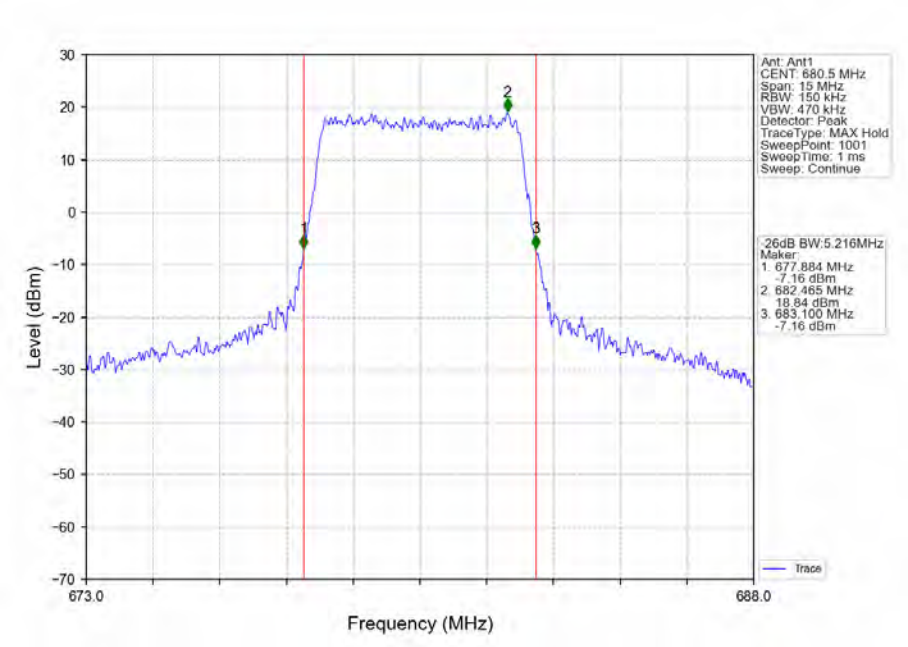
		688	100	0	20.028	/	Pass

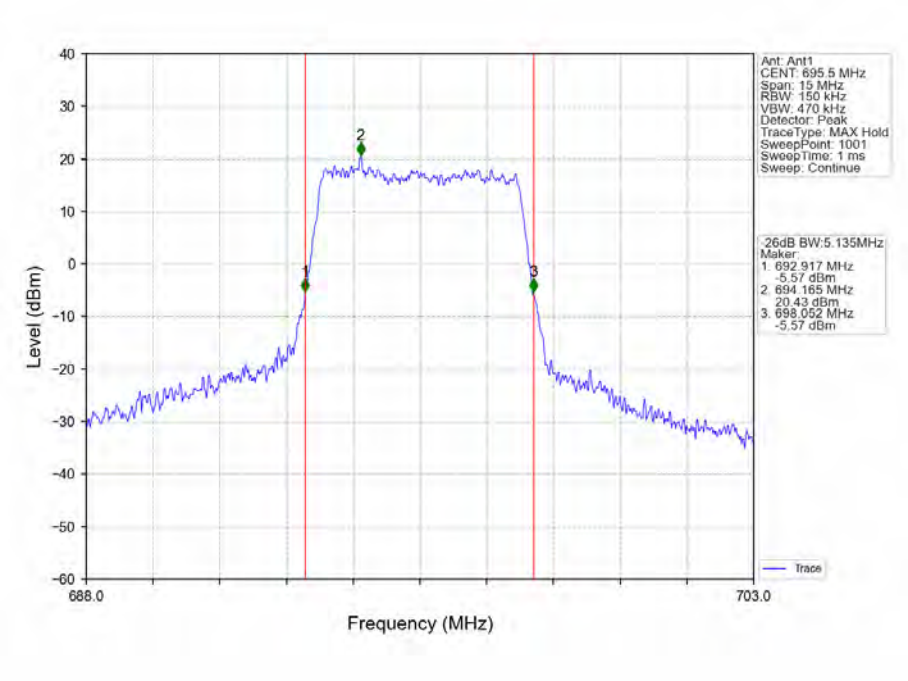
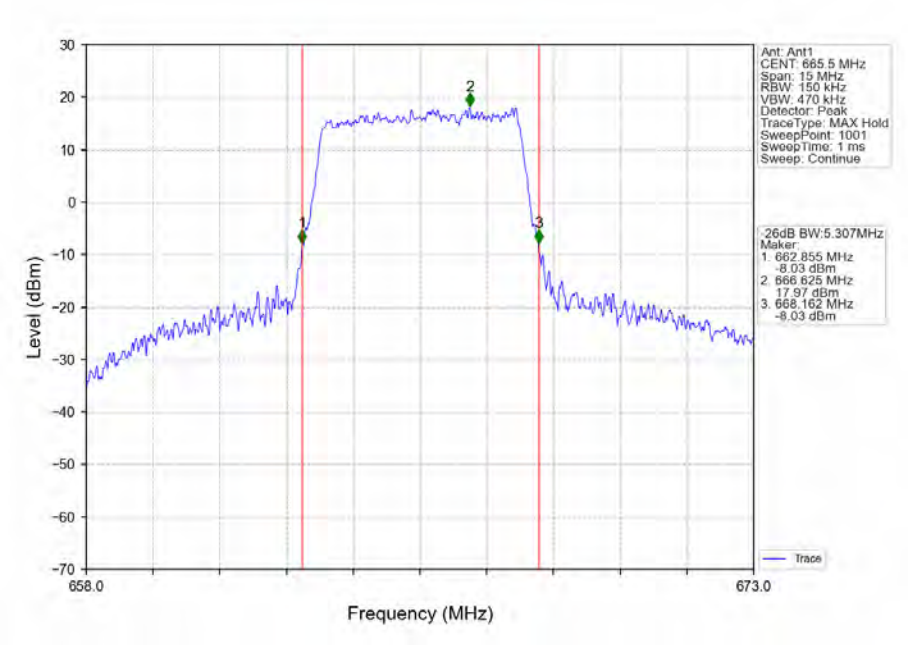
3.2.2 Test Graph

Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

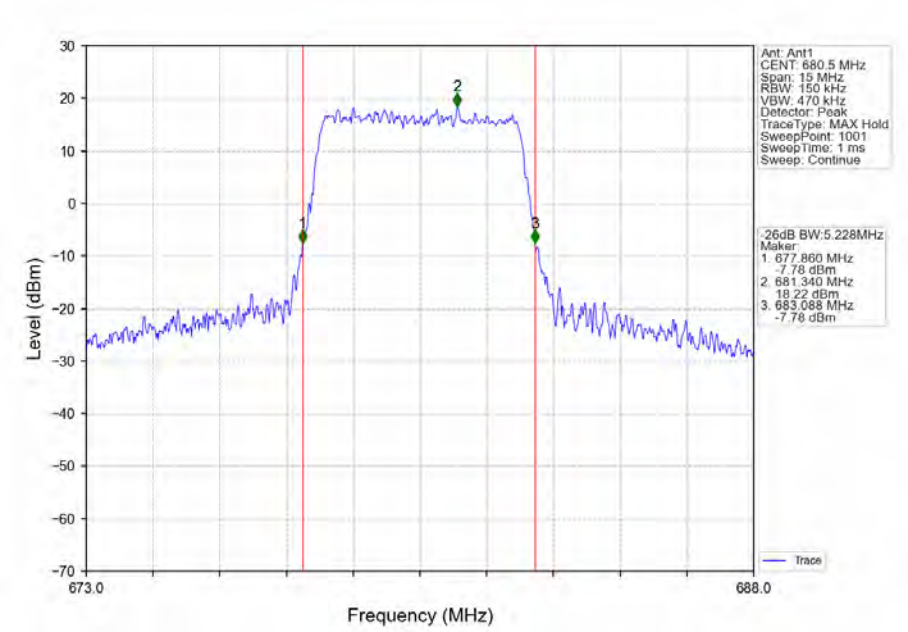


Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV

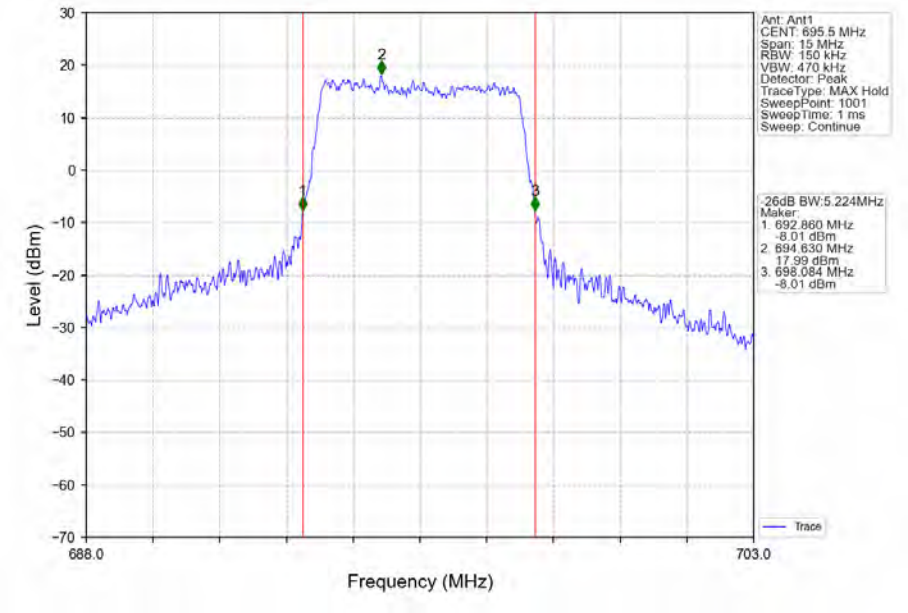


Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV

Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV


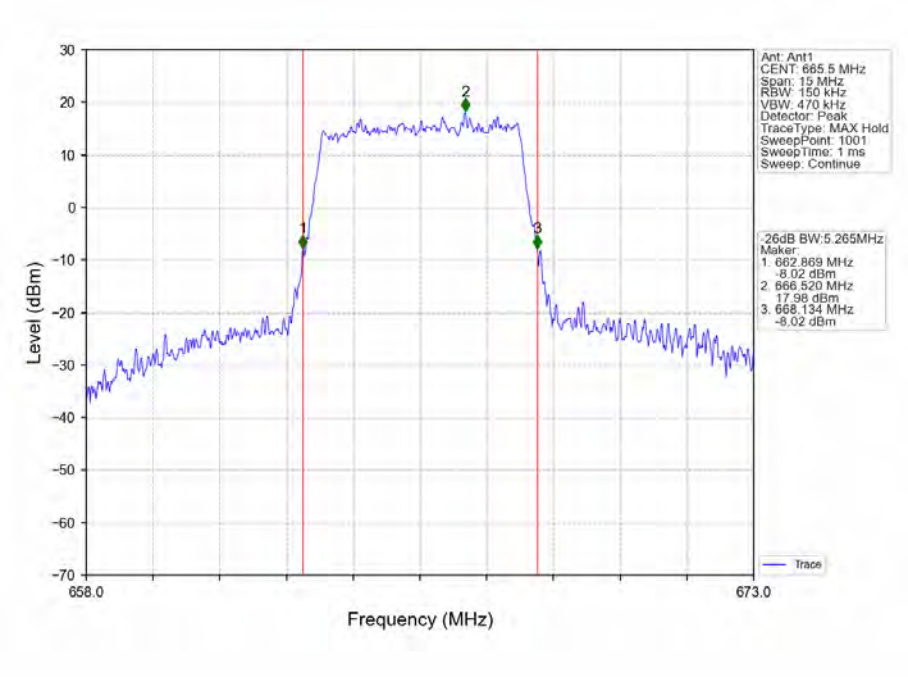
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



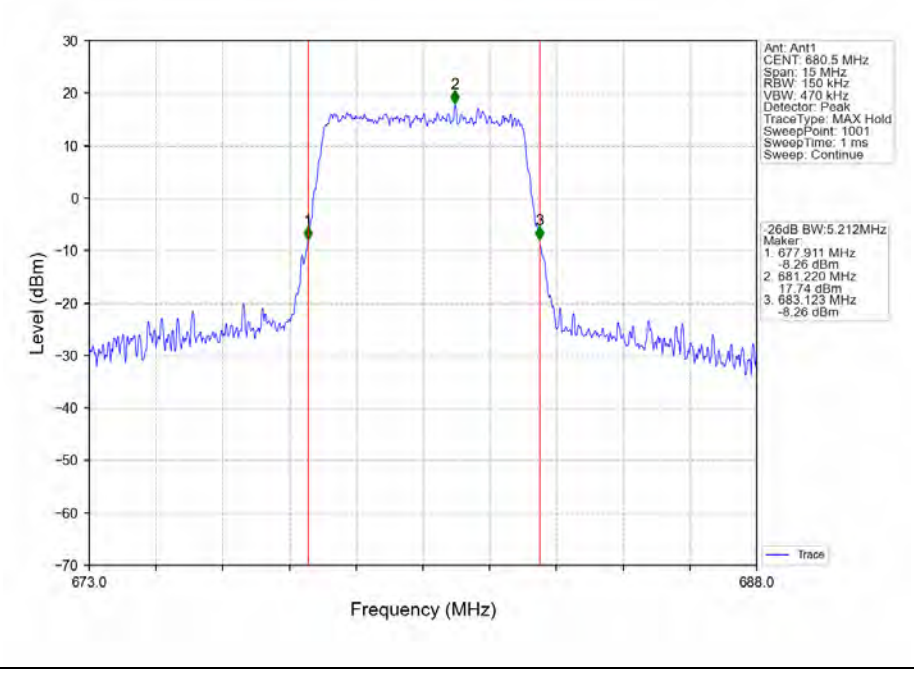
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



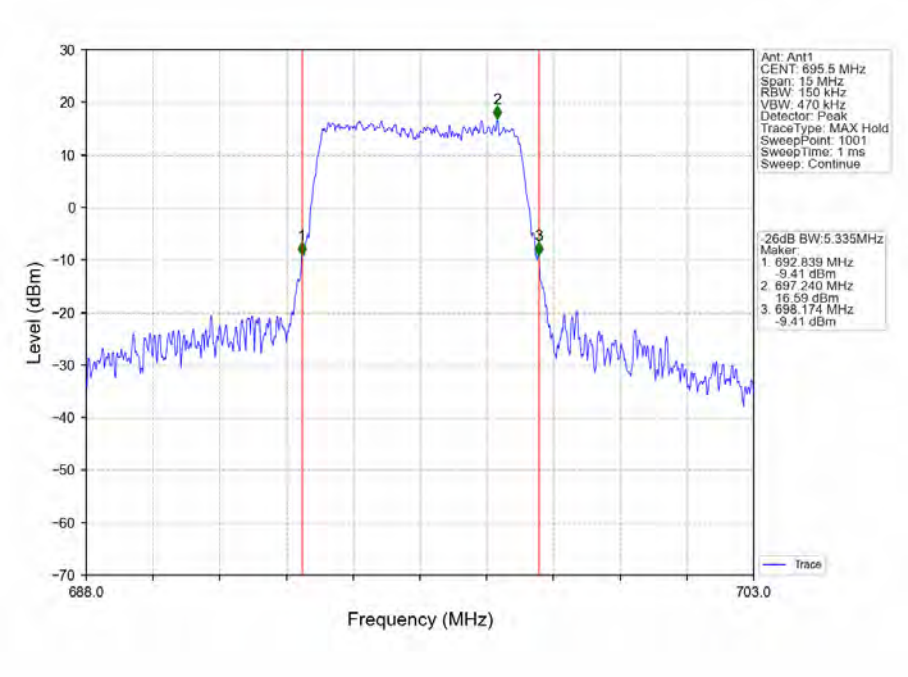
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



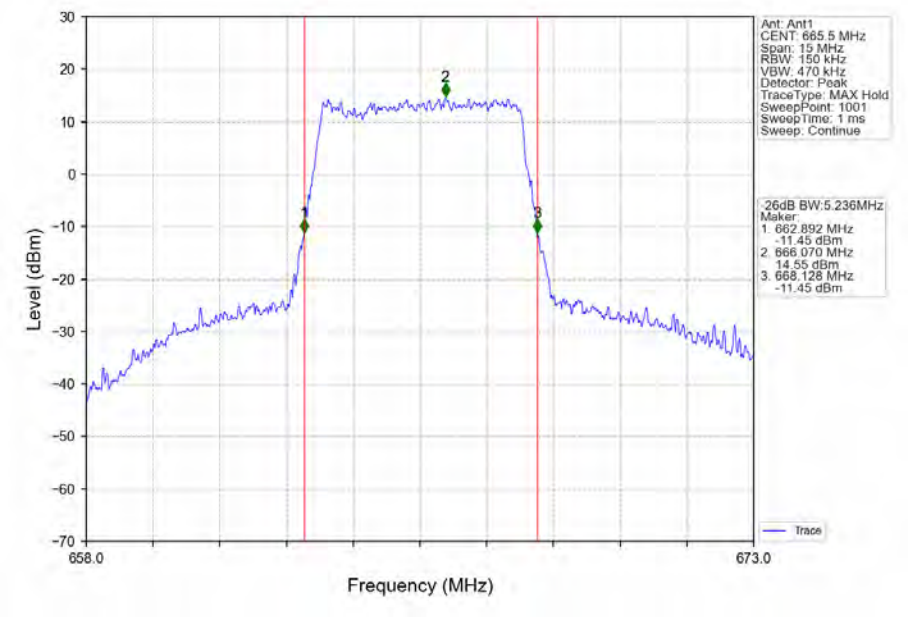
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



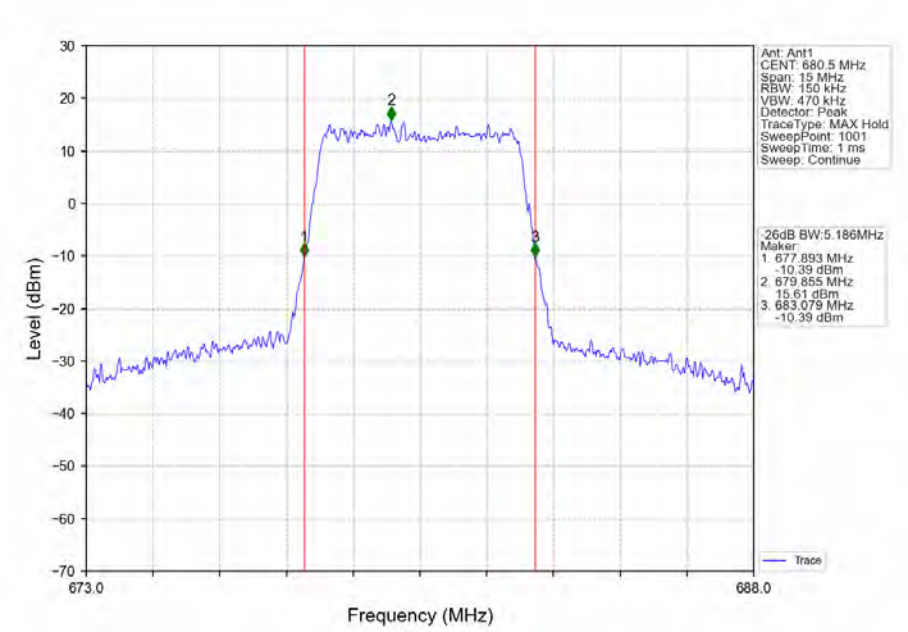
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



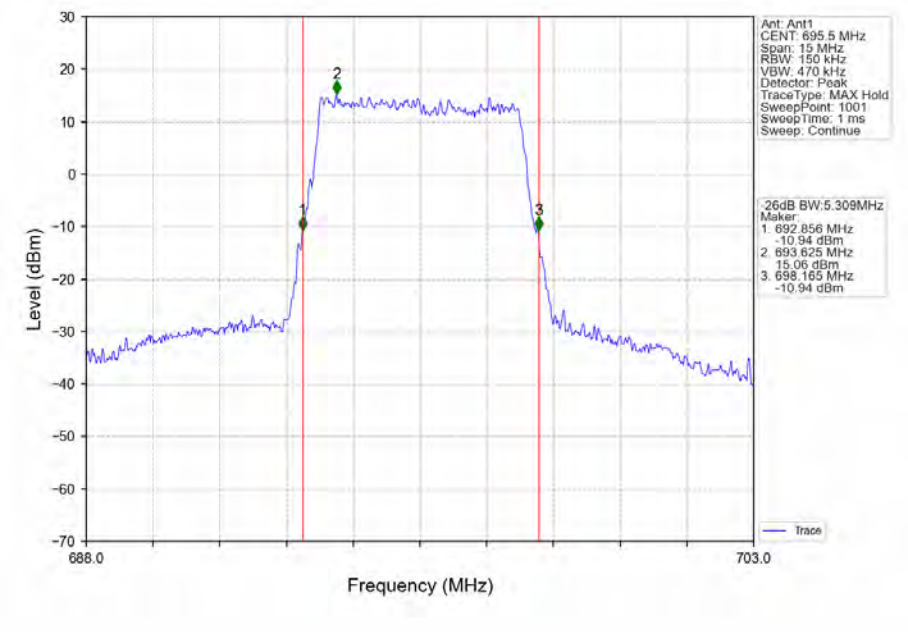
Band71_5MHz_256QAM_LCH_665.5MHz_RB_25_0_NTNV



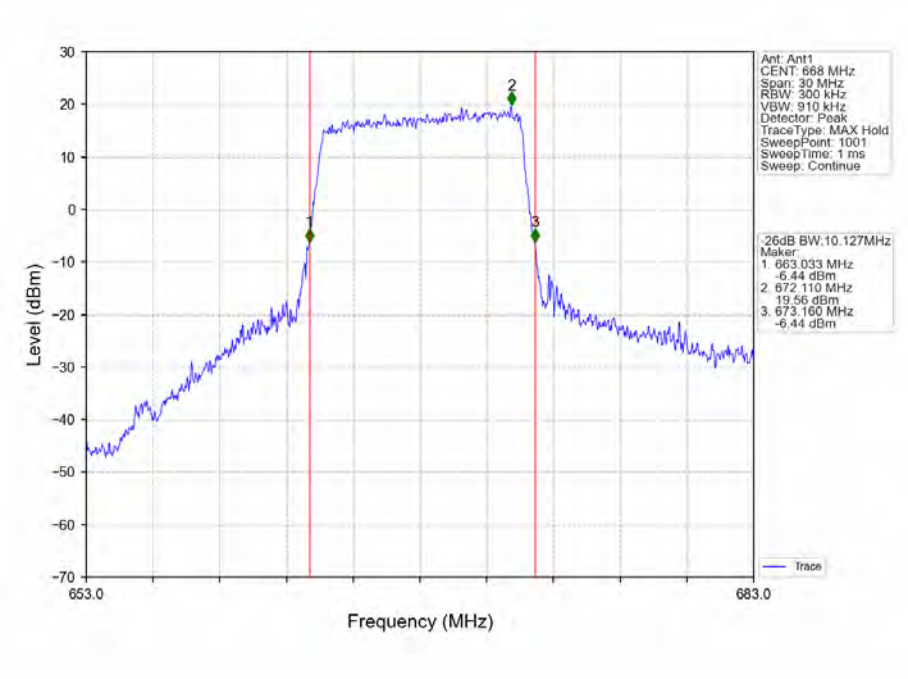
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



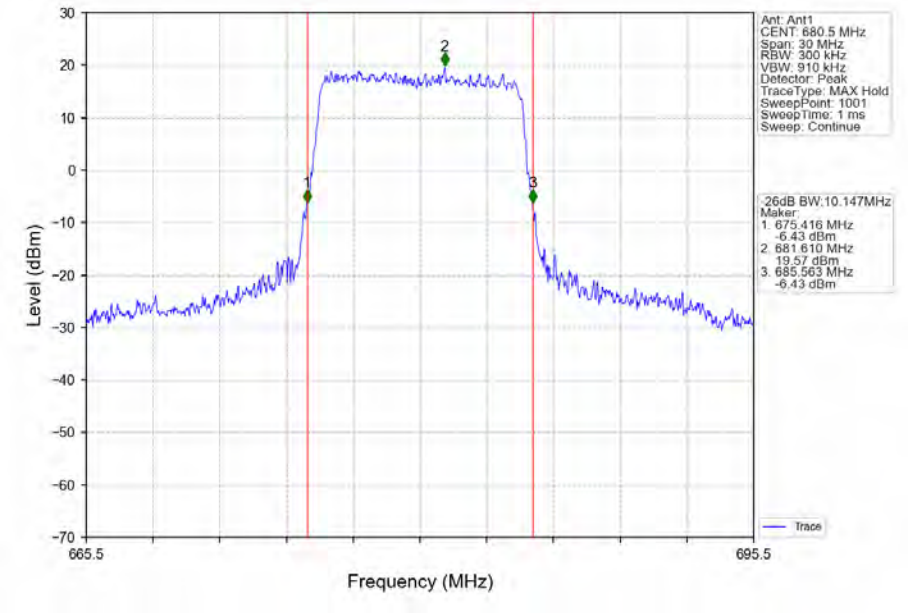
Band71_5MHz_256QAM_HCH_695.5MHz_RB_25_0_NTNV

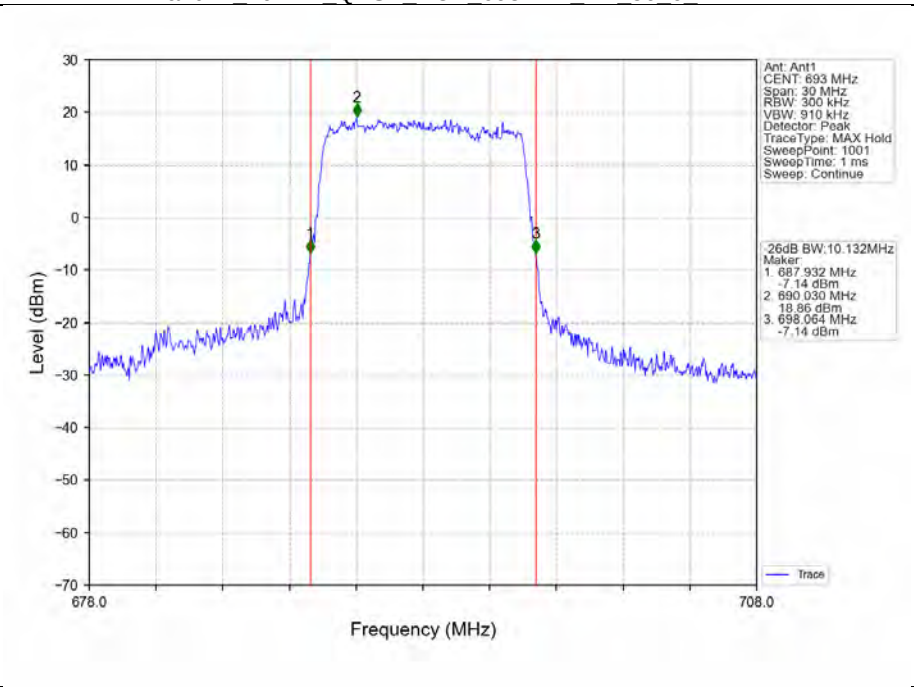


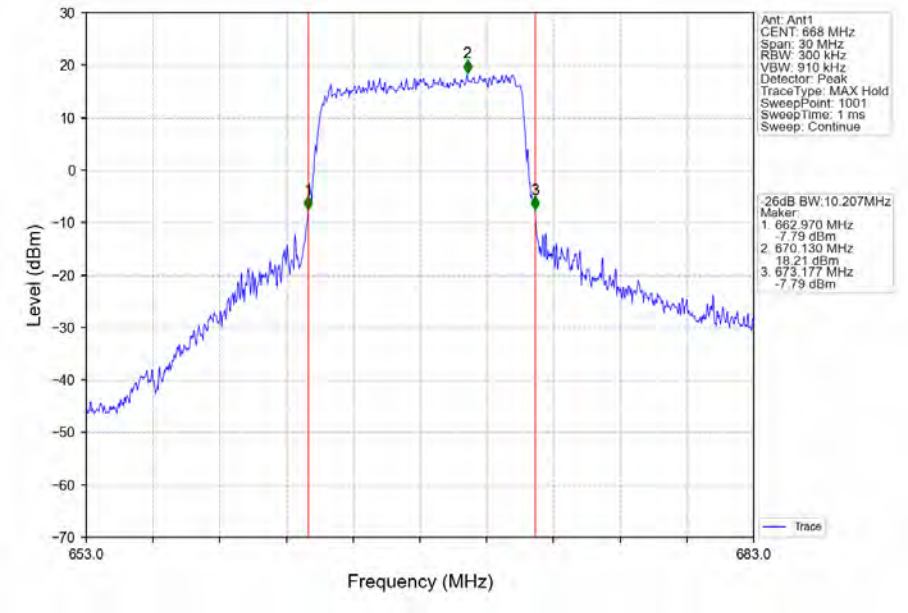
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



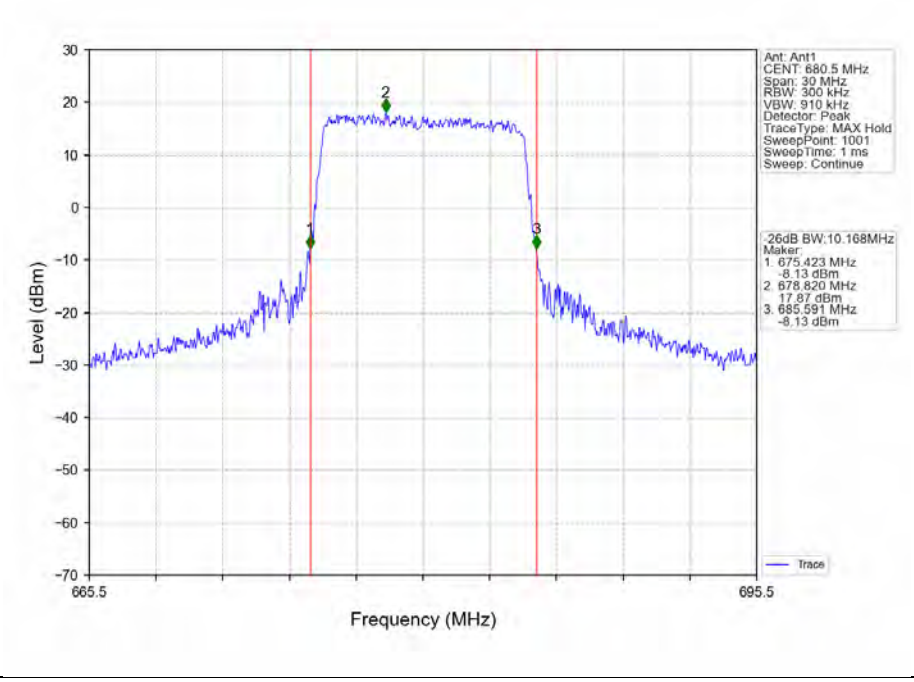
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



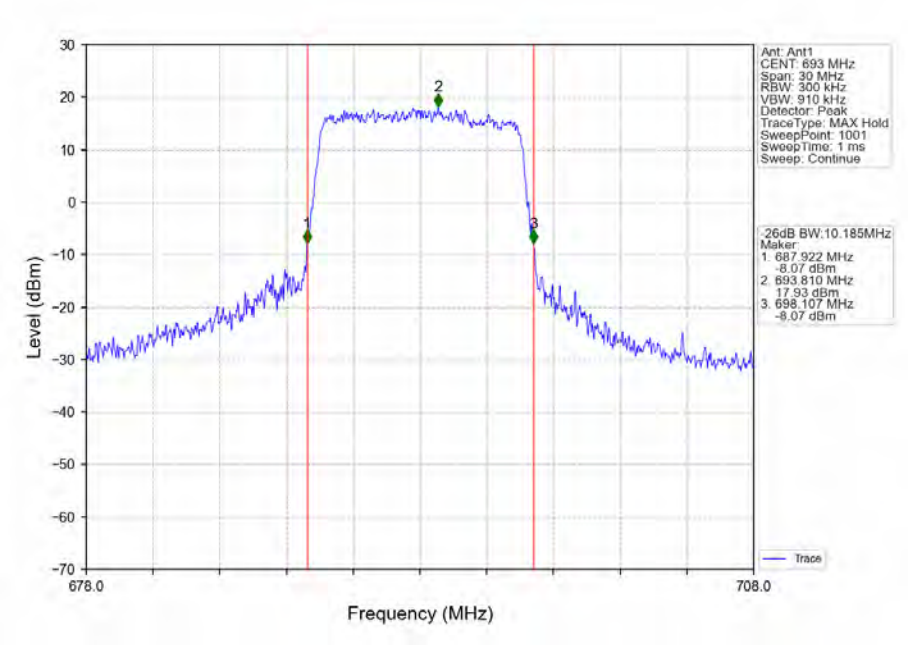
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV


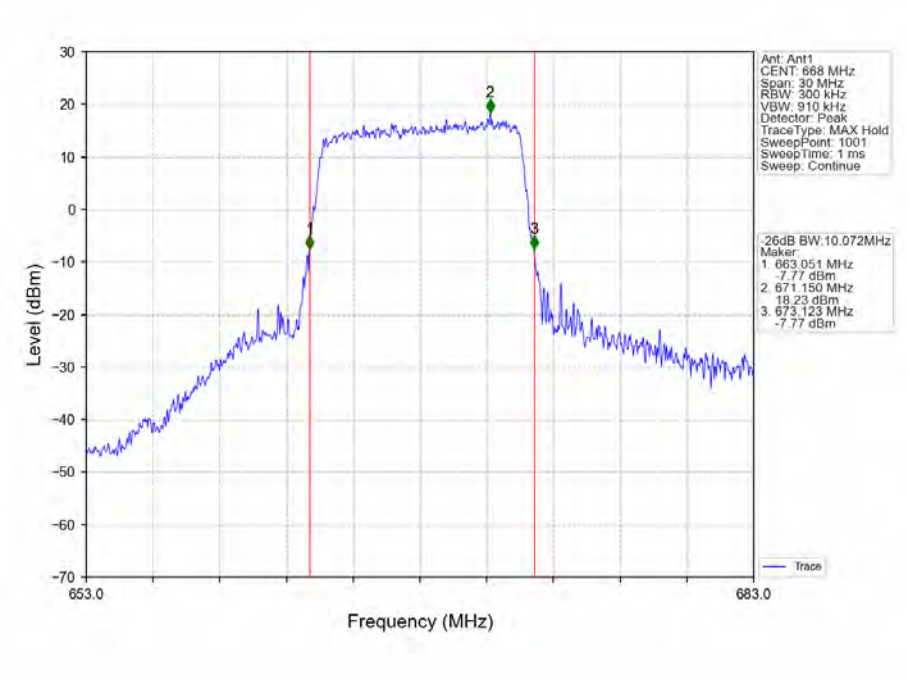
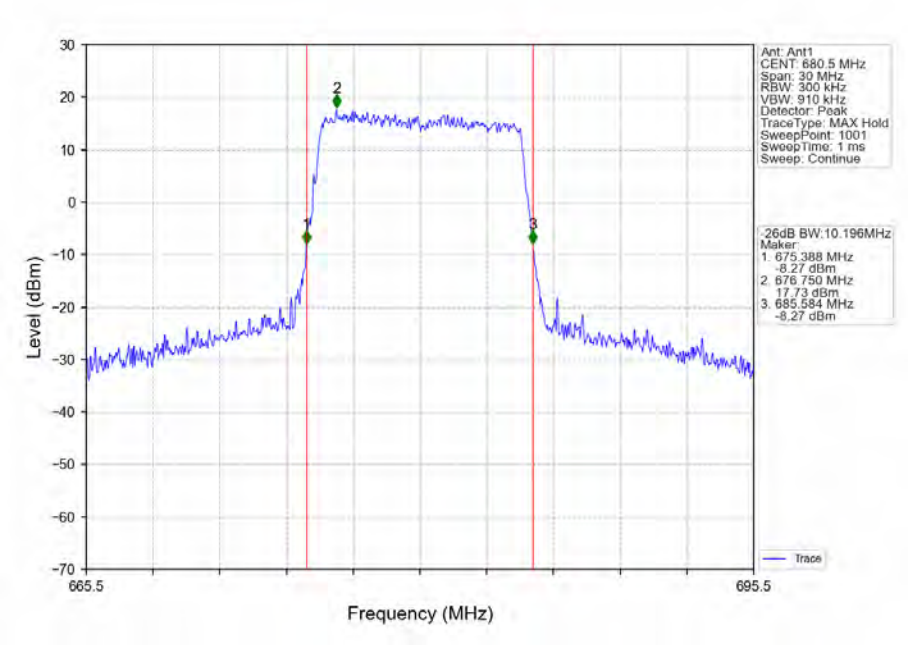
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV


Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV

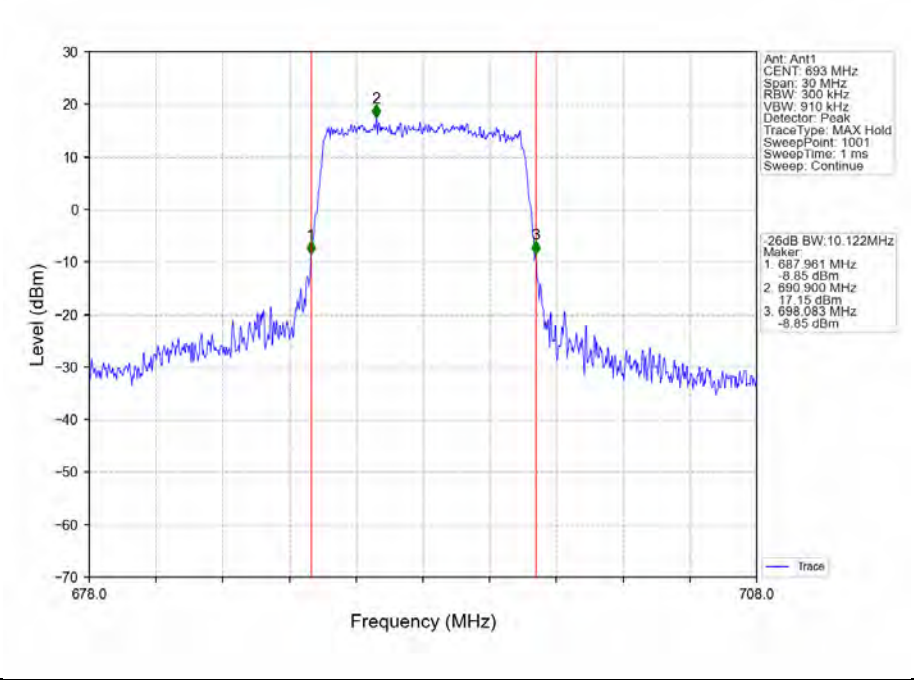


Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV

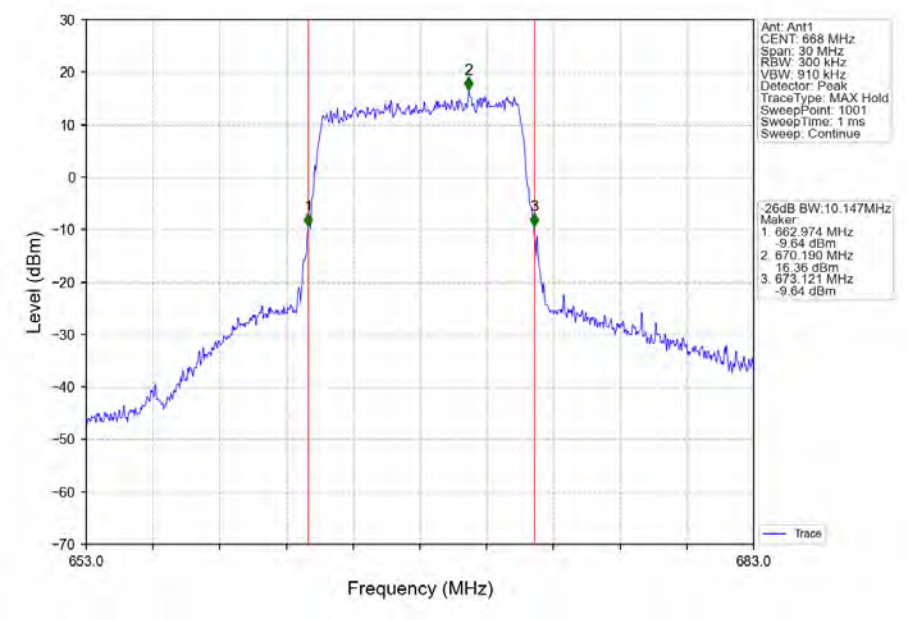


Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV

Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV


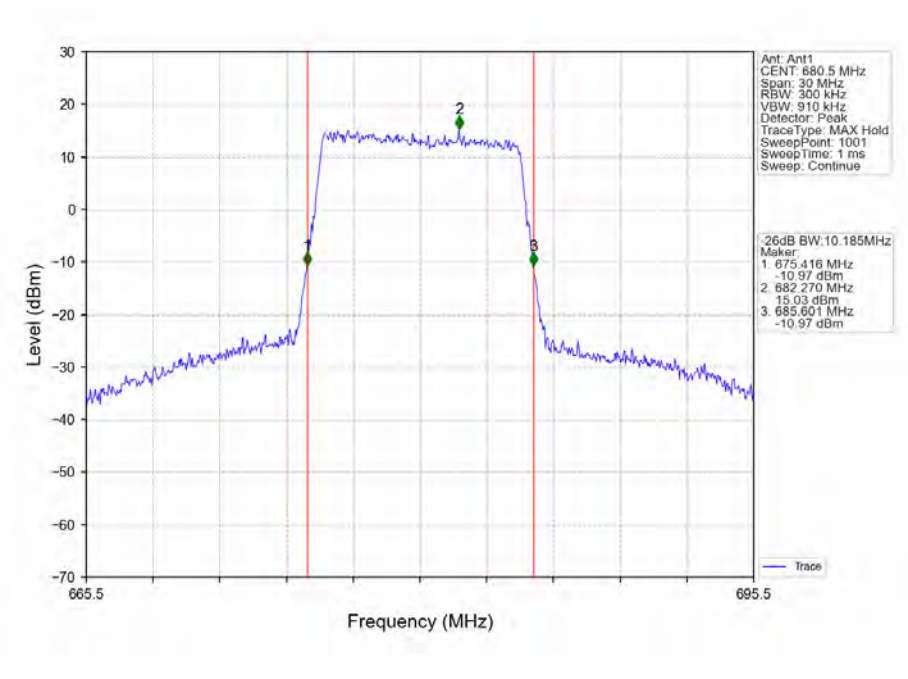
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



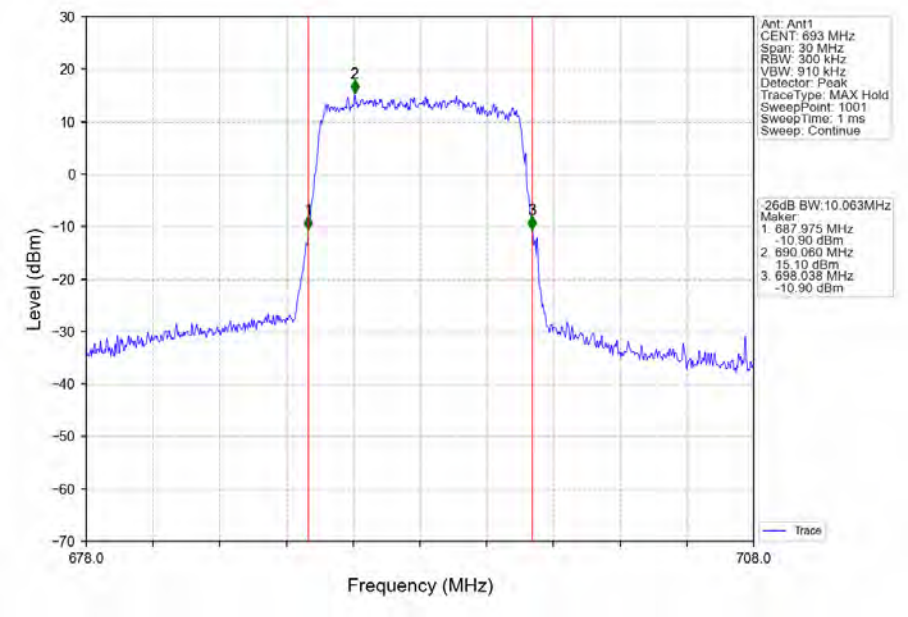
Band71_10MHz_256QAM_LCH_668MHz_RB_50_0_NTNV



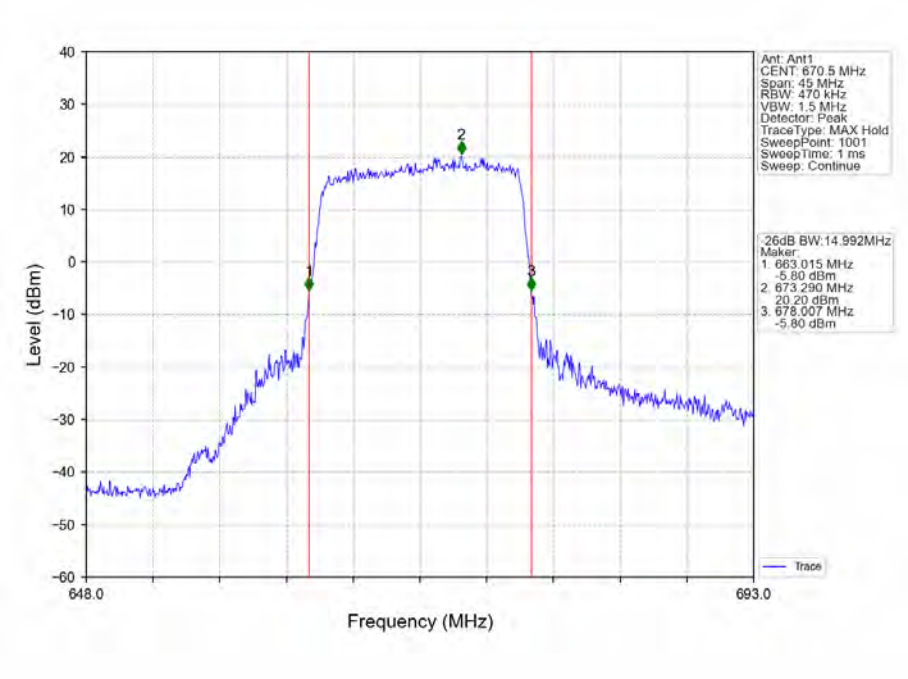
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



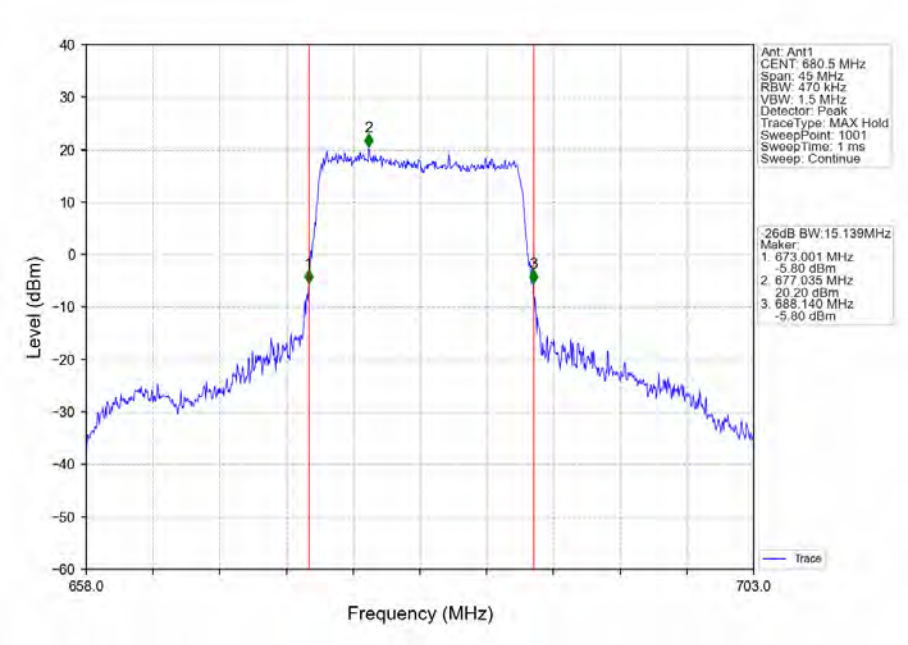
Band71_10MHz_256QAM_HCH_693MHz_RB_50_0_NTNV

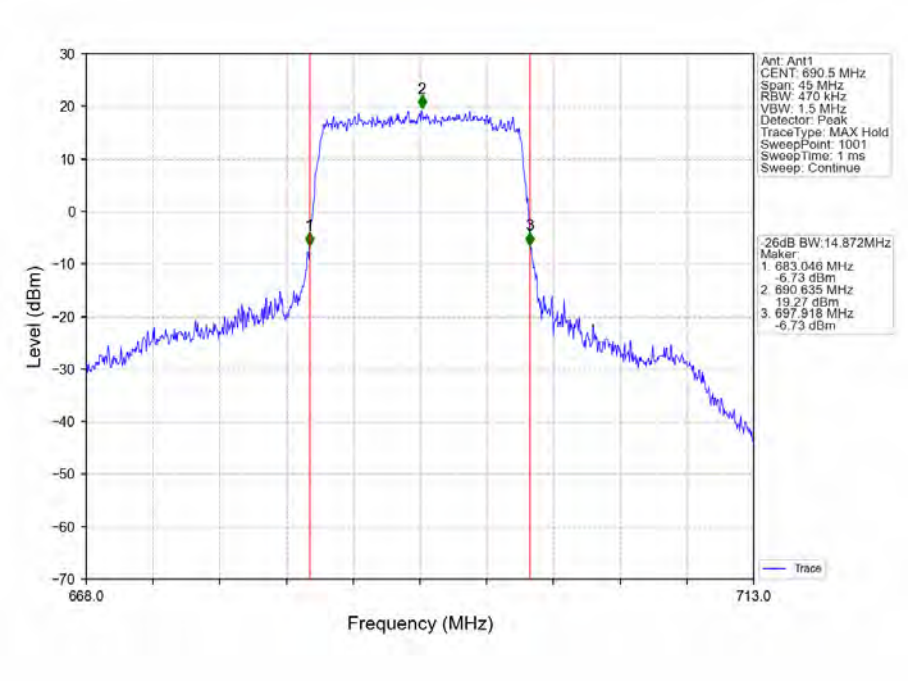


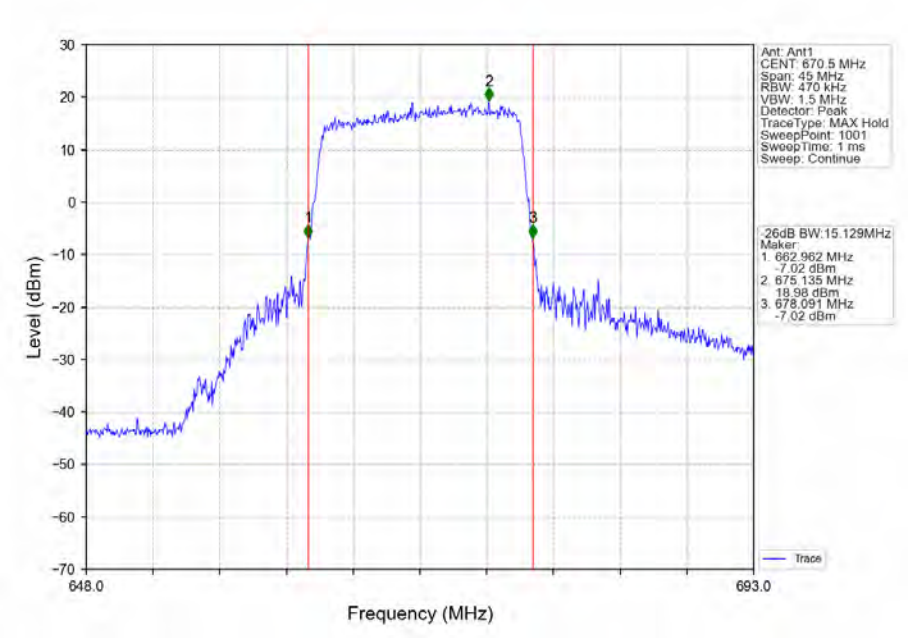
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



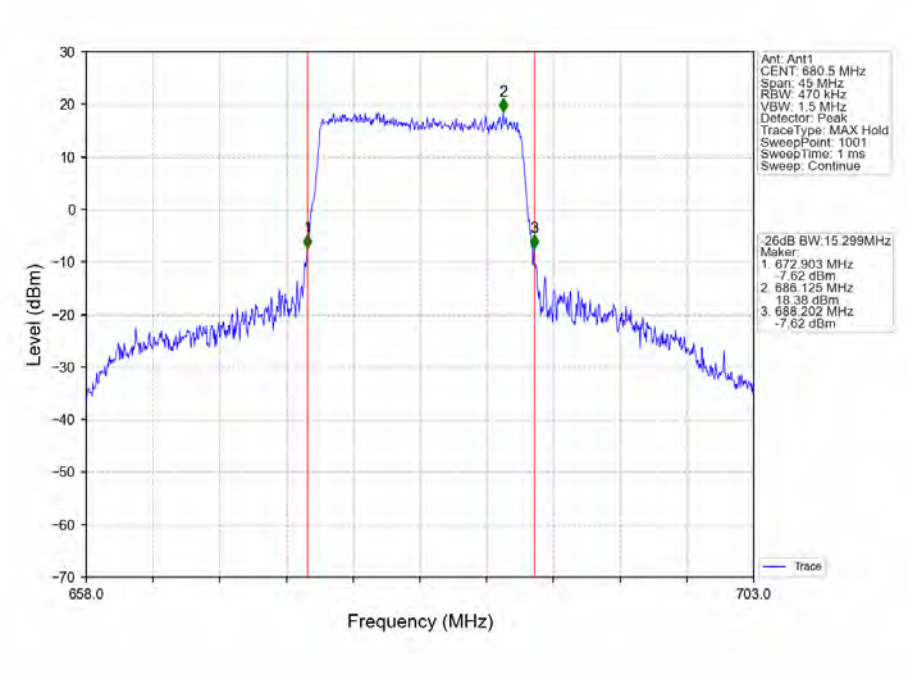
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



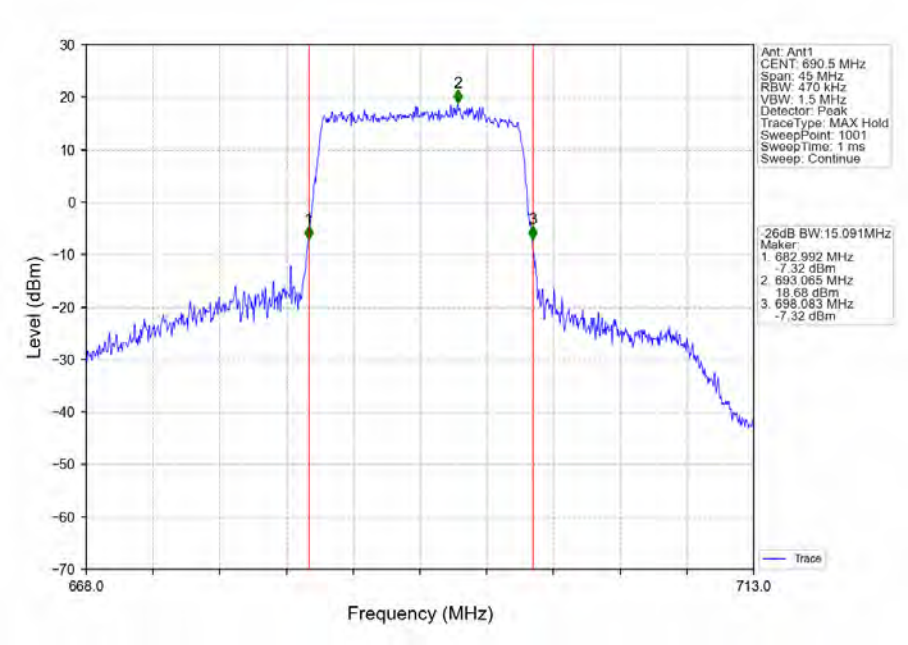
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV


Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV


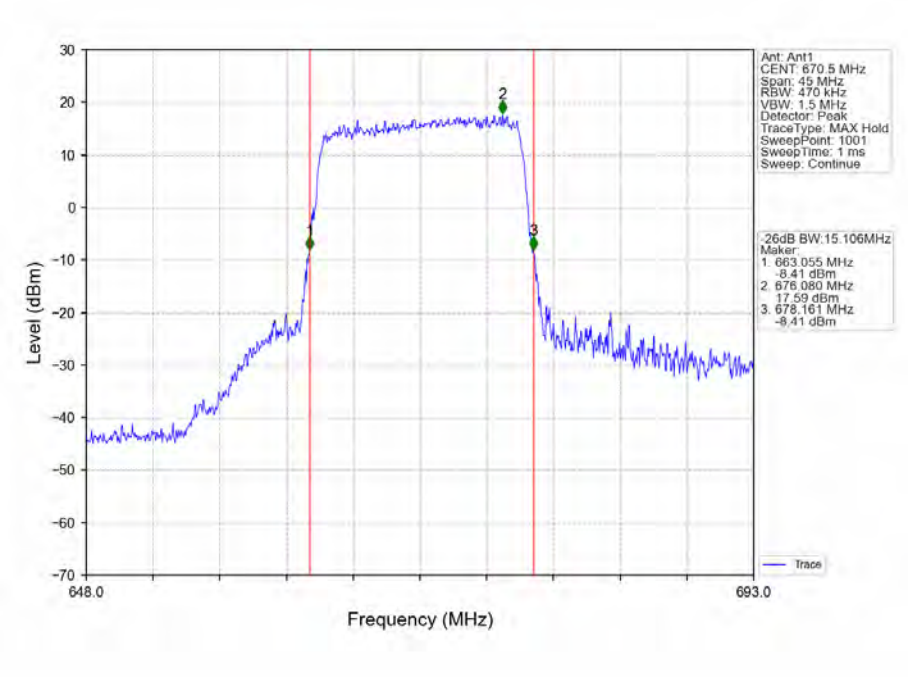
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



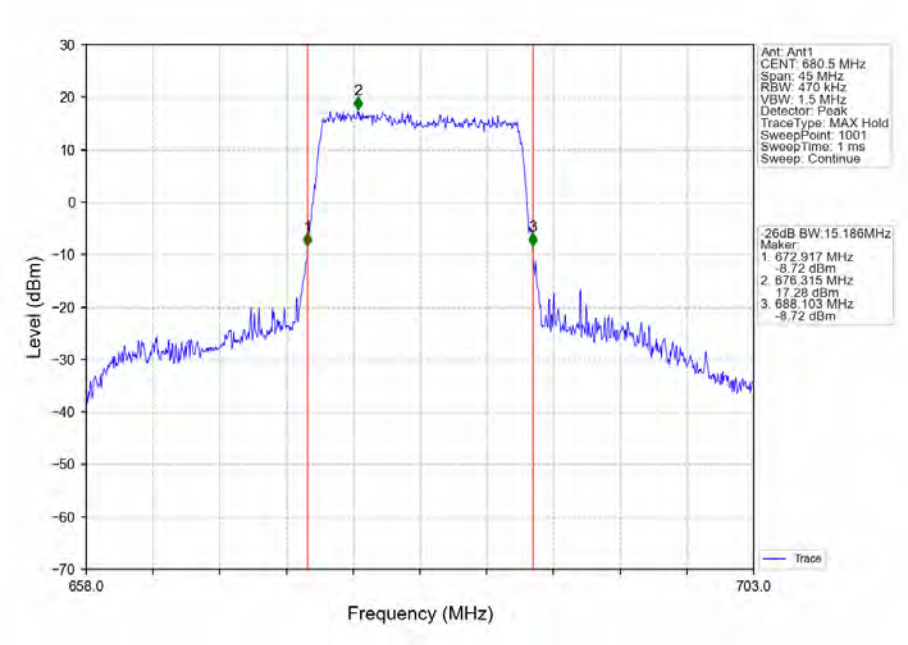
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV

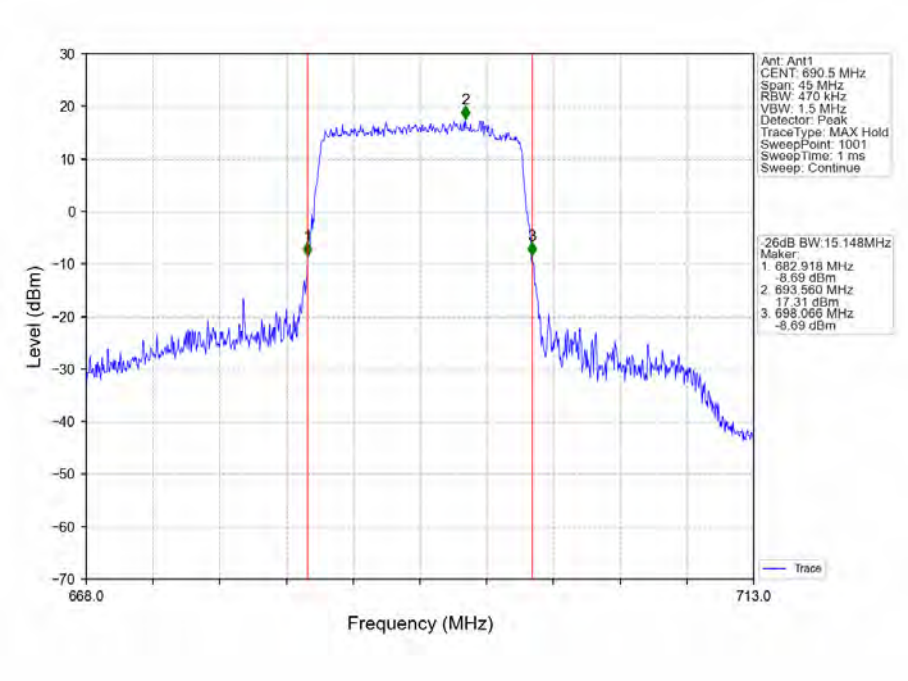


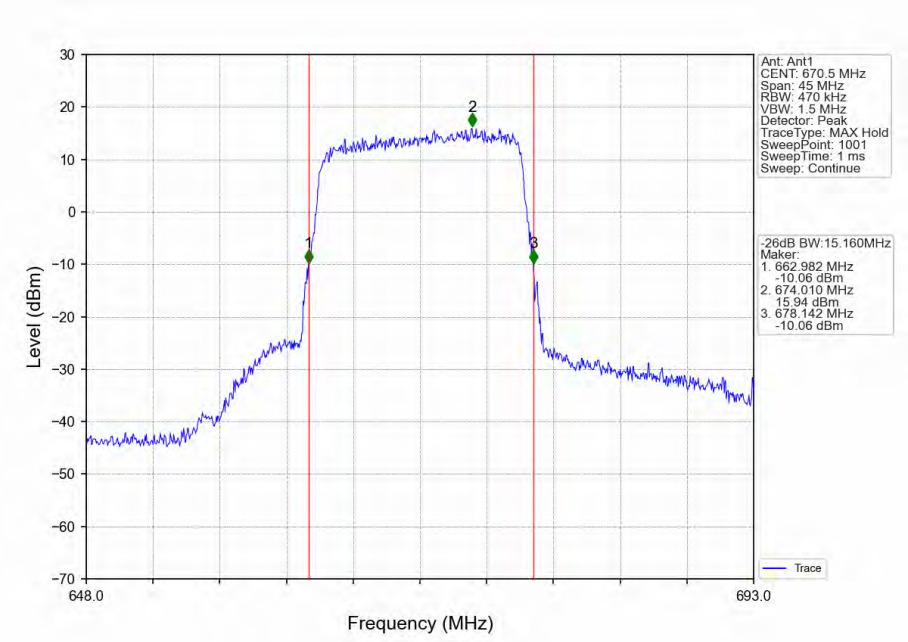
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



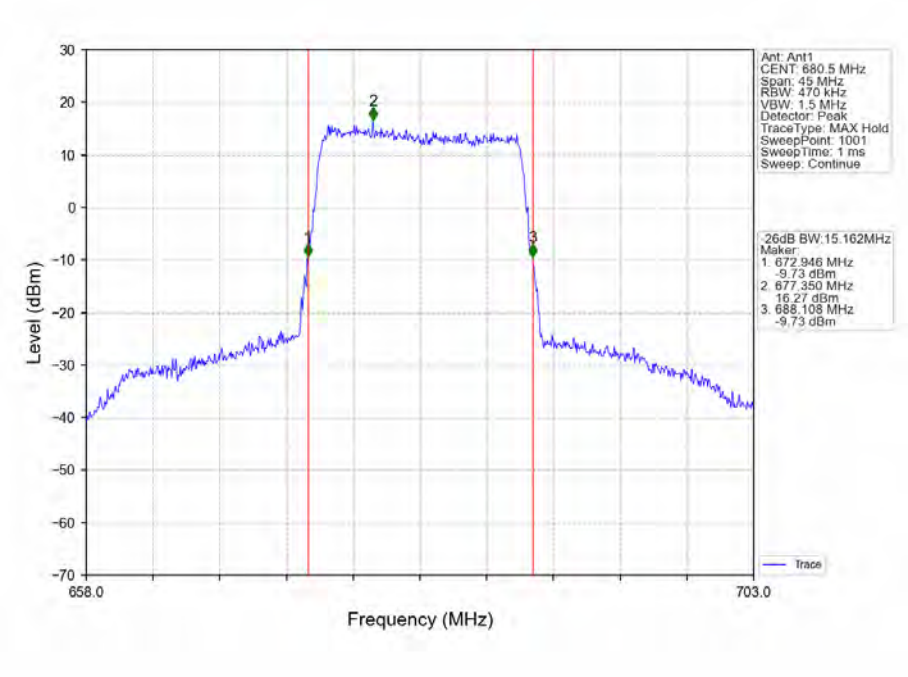
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



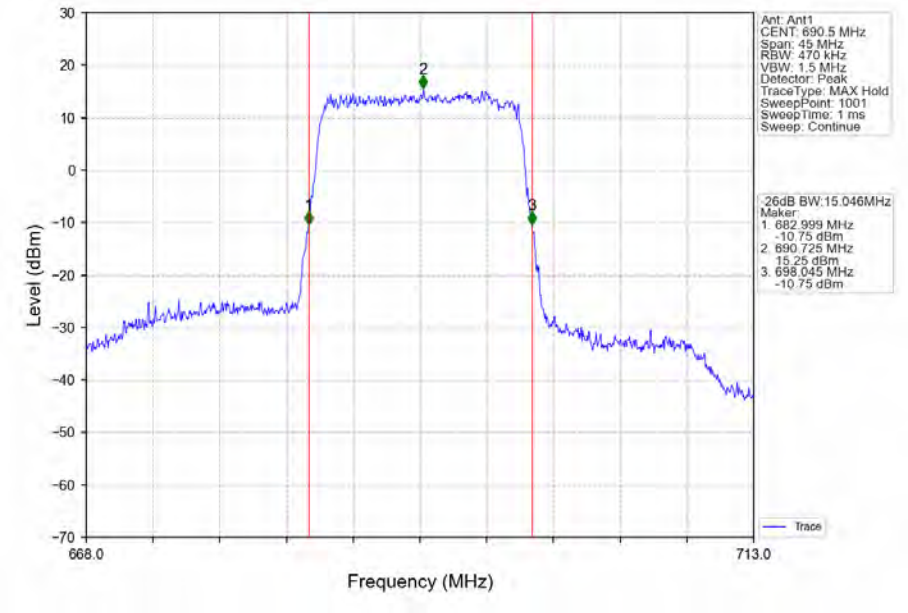
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV


Band71_15MHz_256QAM_LCH_670.5MHz_RB_75_0_NTNV


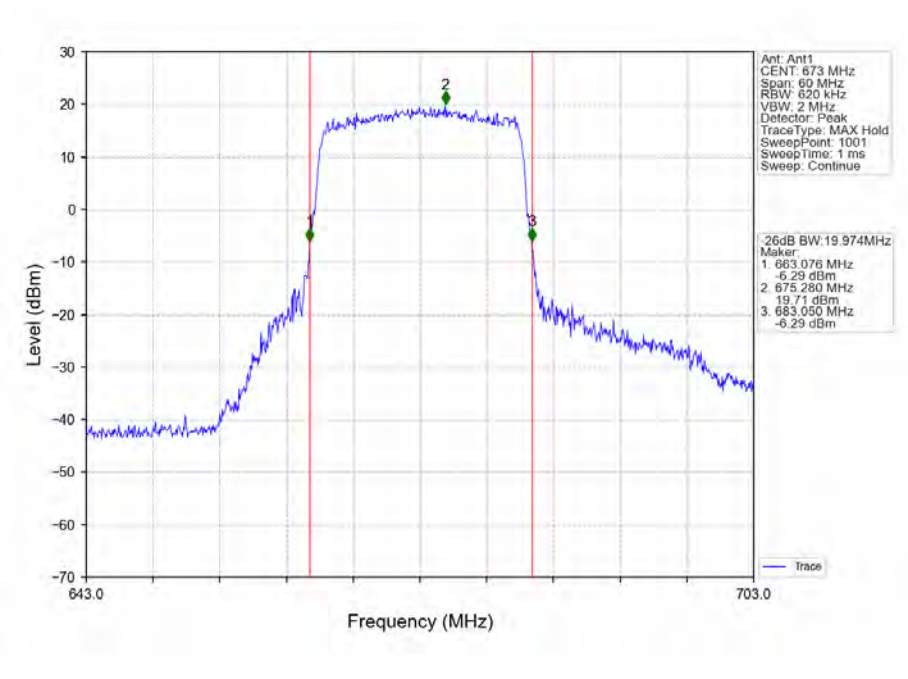
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



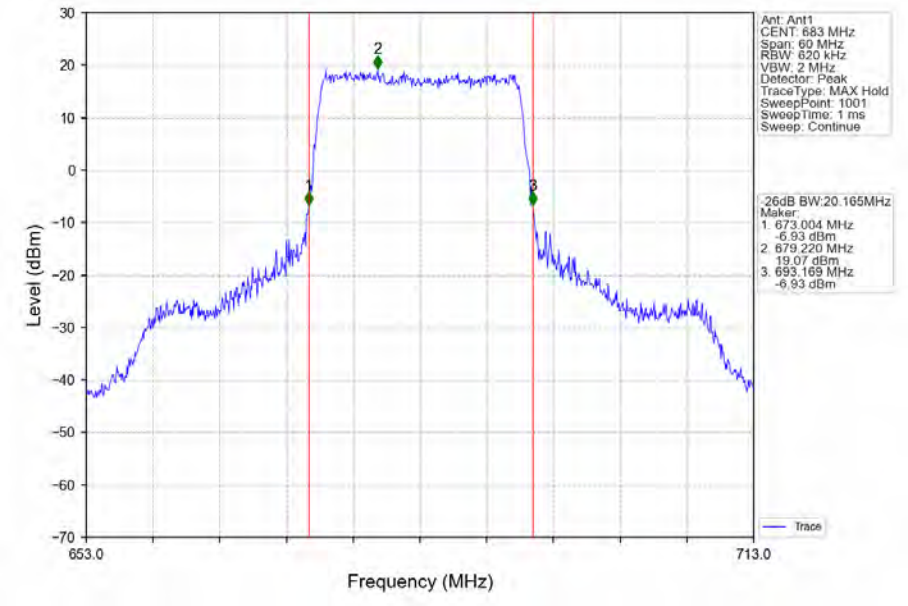
Band71_15MHz_256QAM_HCH_690.5MHz_RB_75_0_NTNV

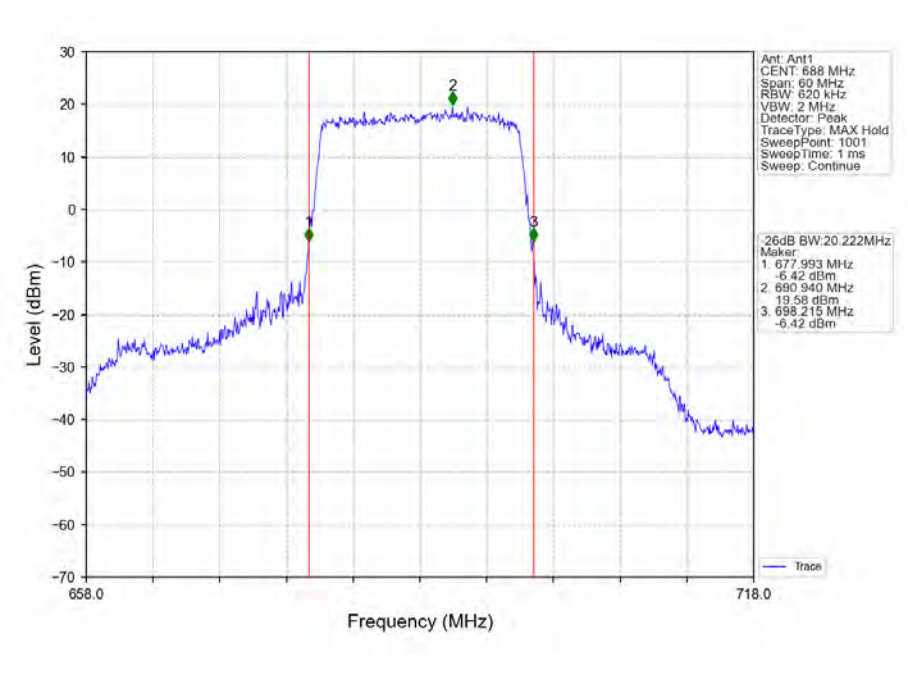
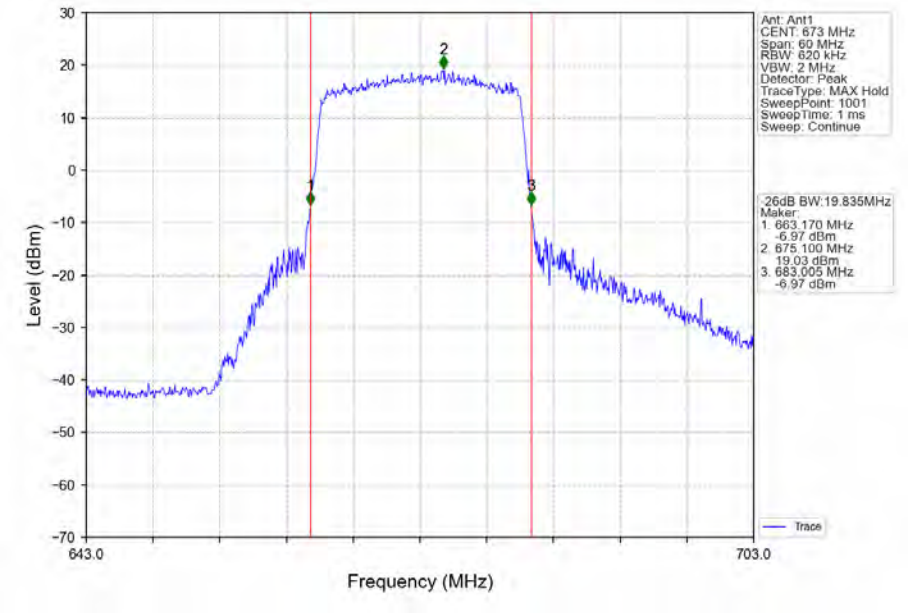


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

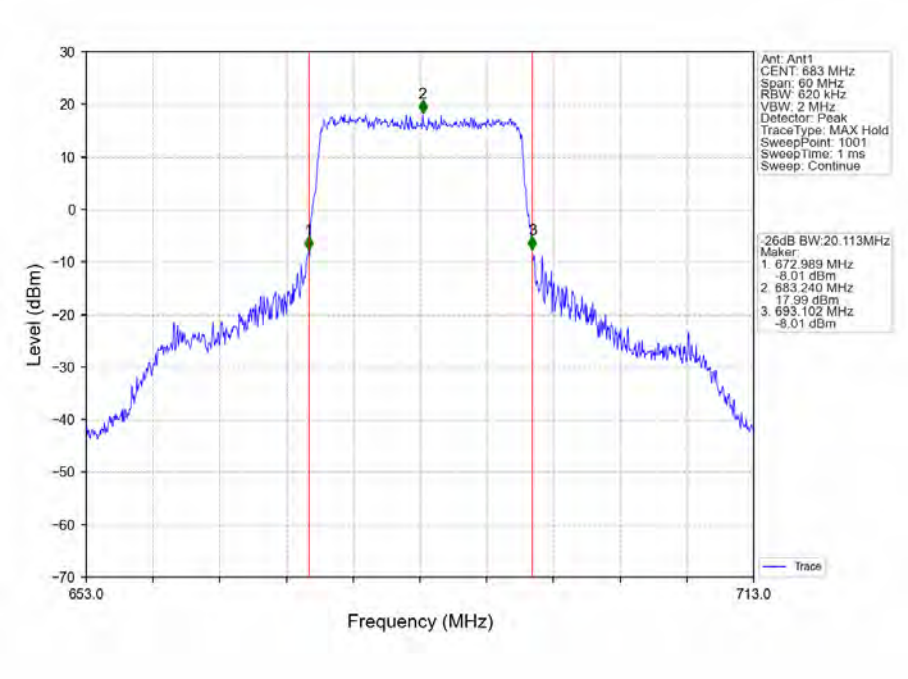


Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

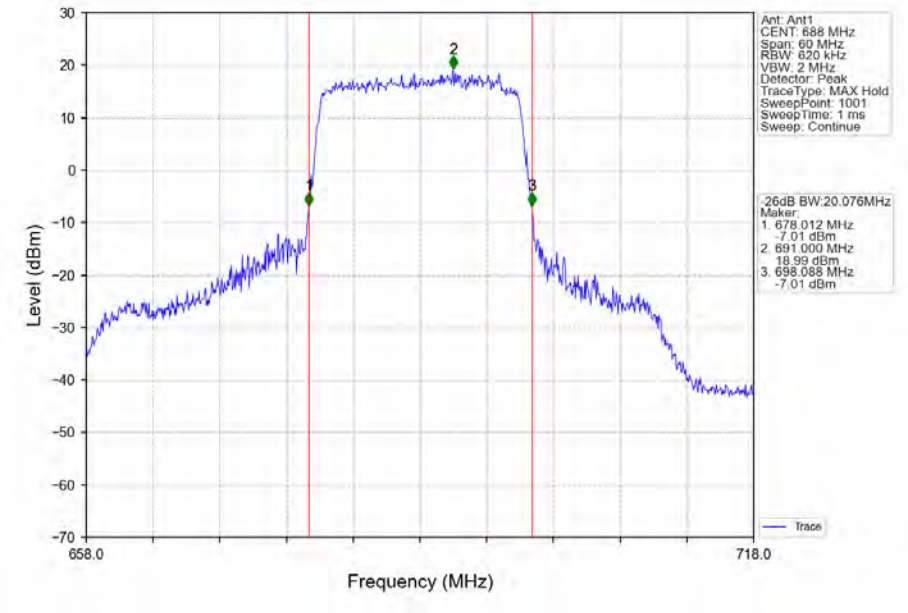


Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV

Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV


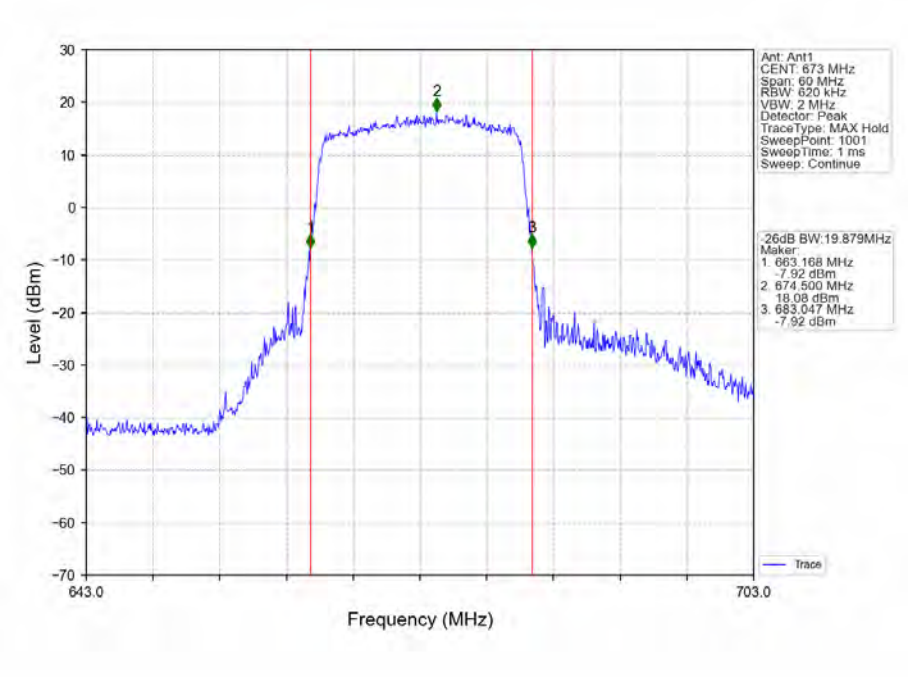
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



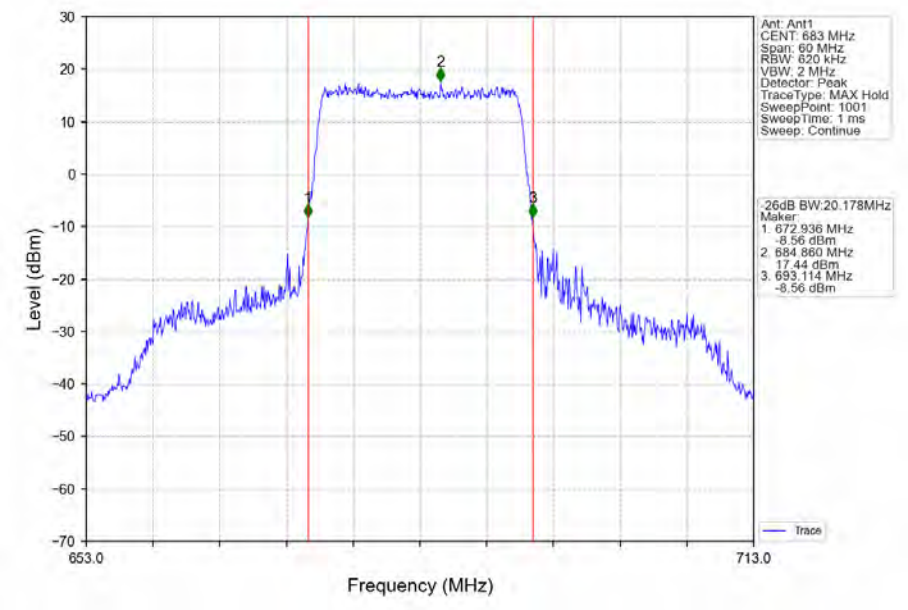
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



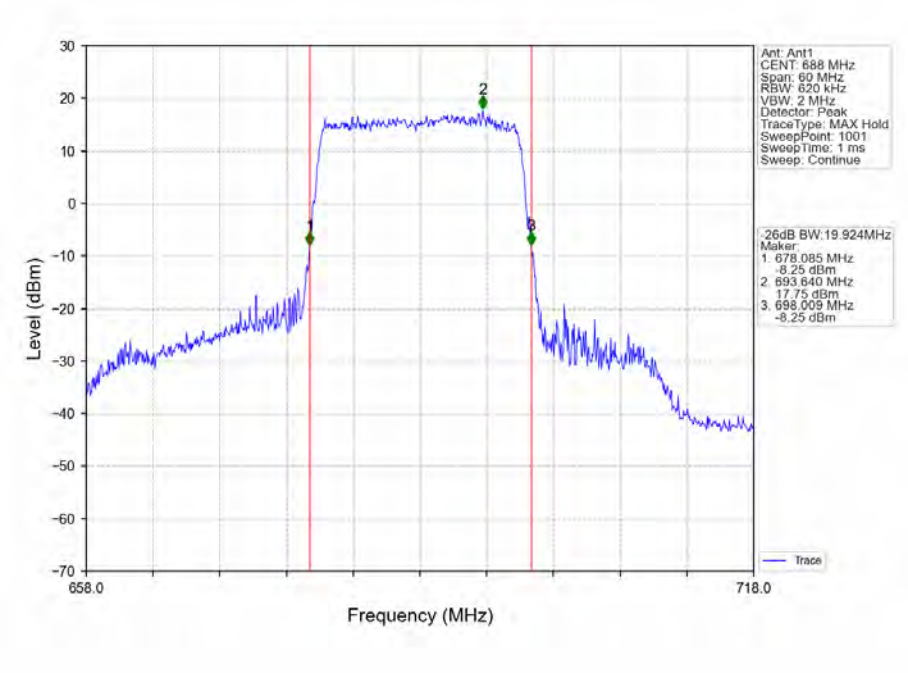
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



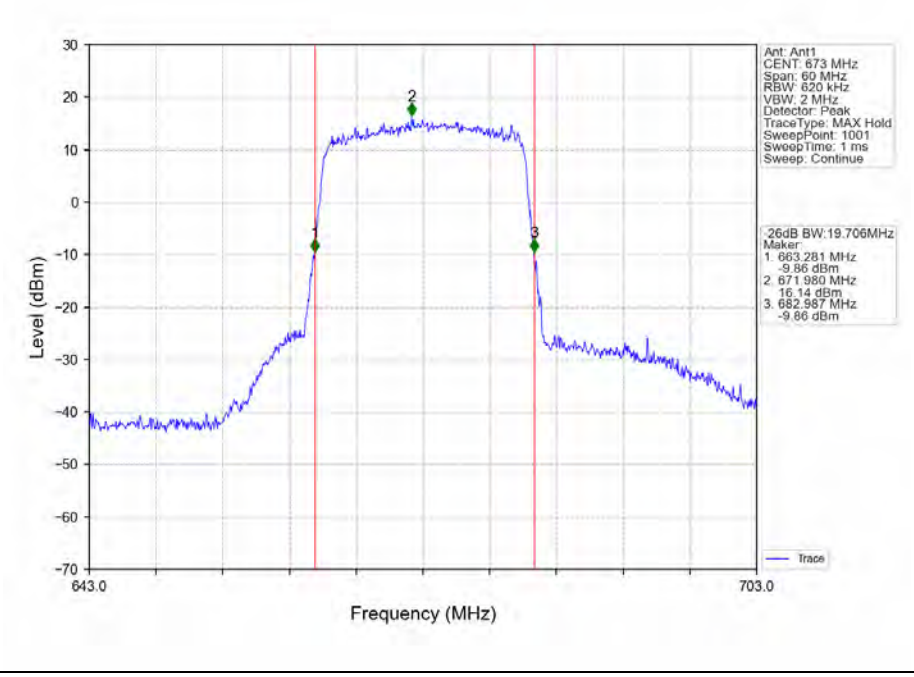
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



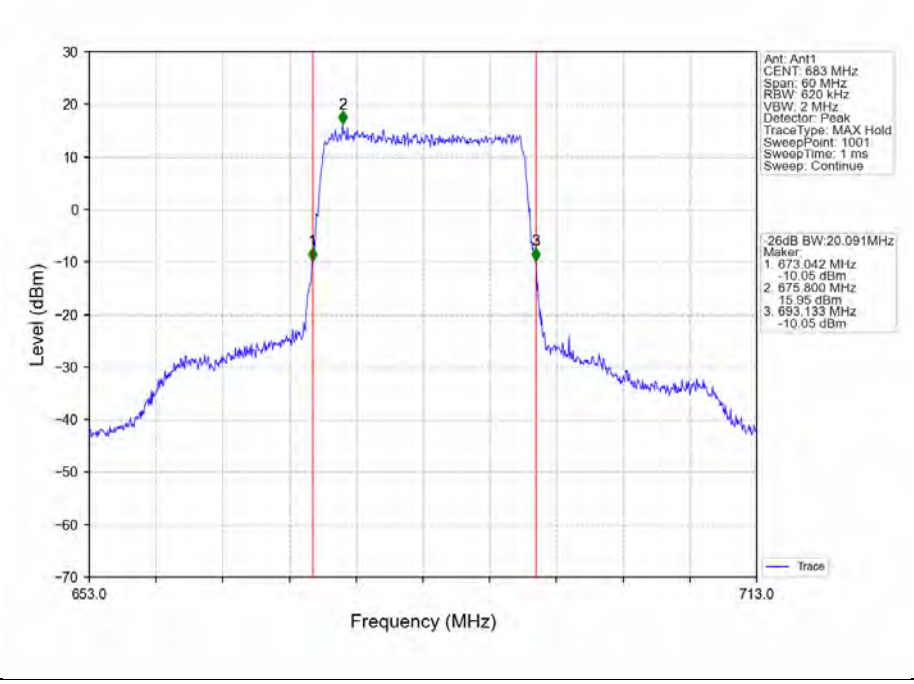
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



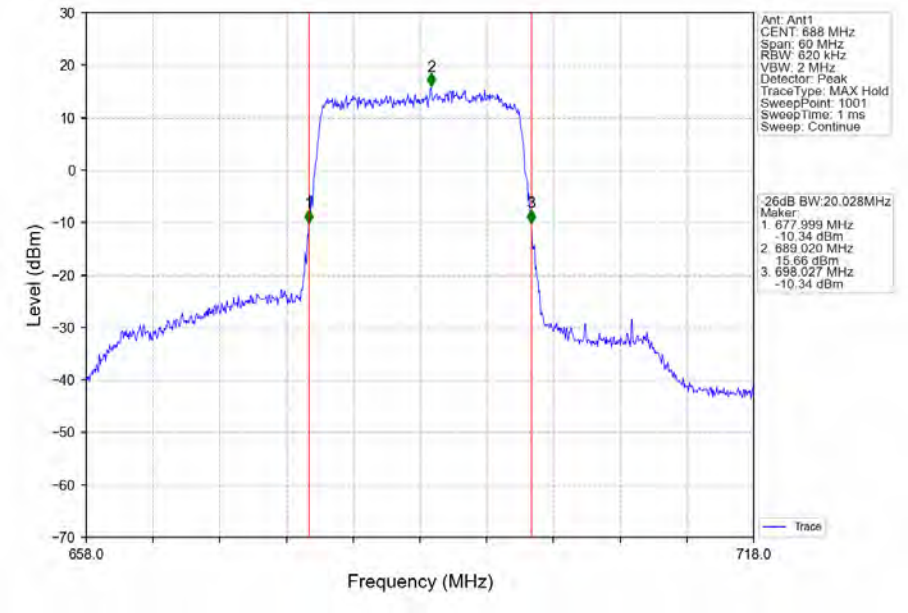
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_HCH_688MHz_RB_100_0_NTNV



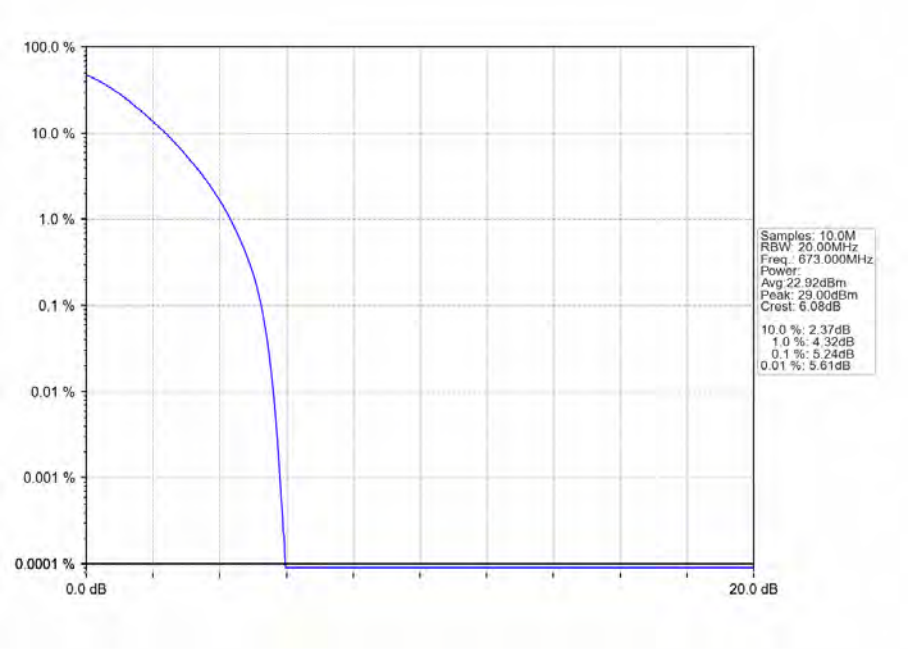
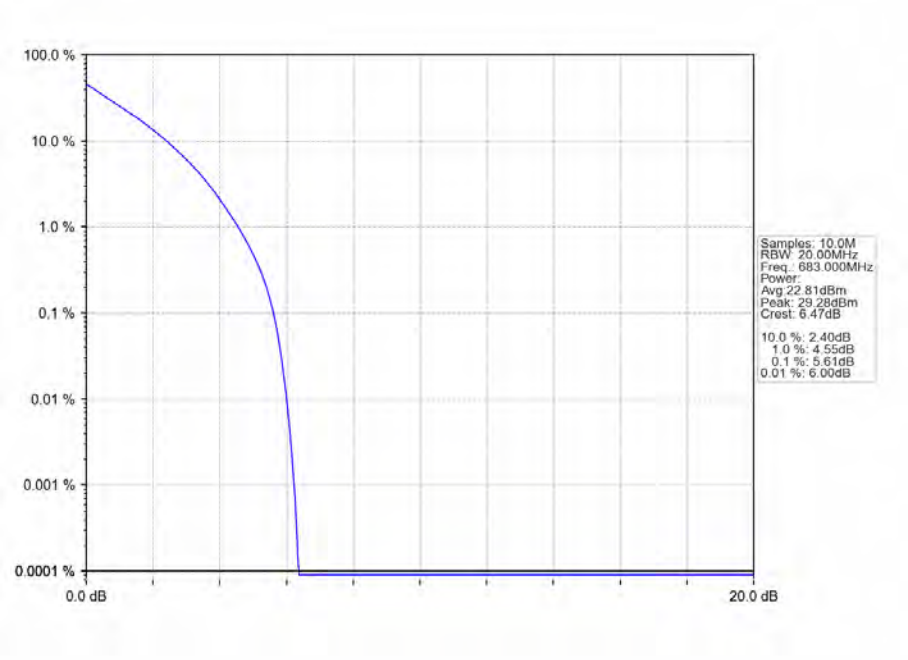
4. Peak-Average Ratio

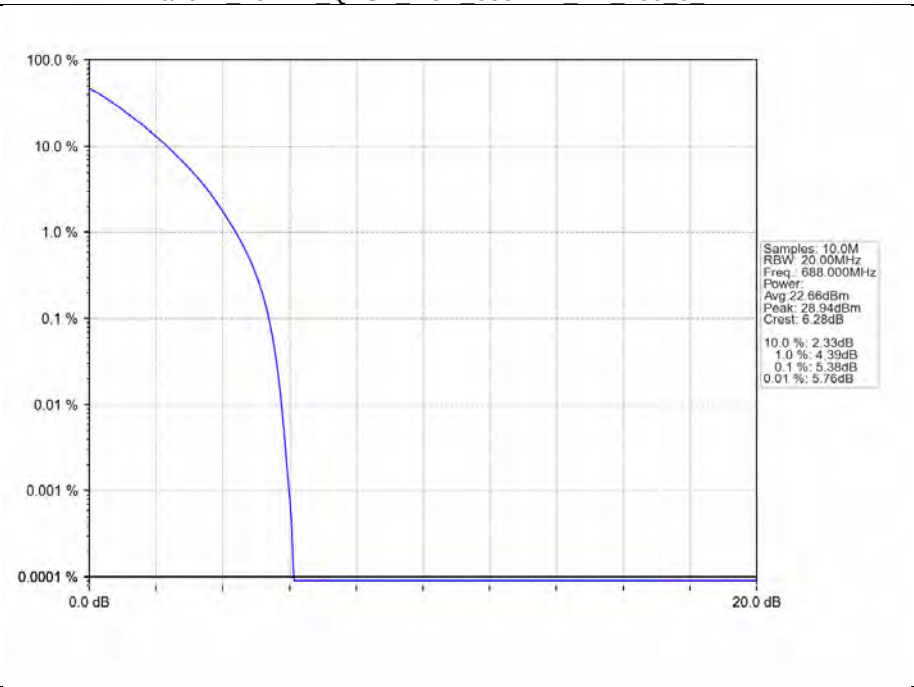
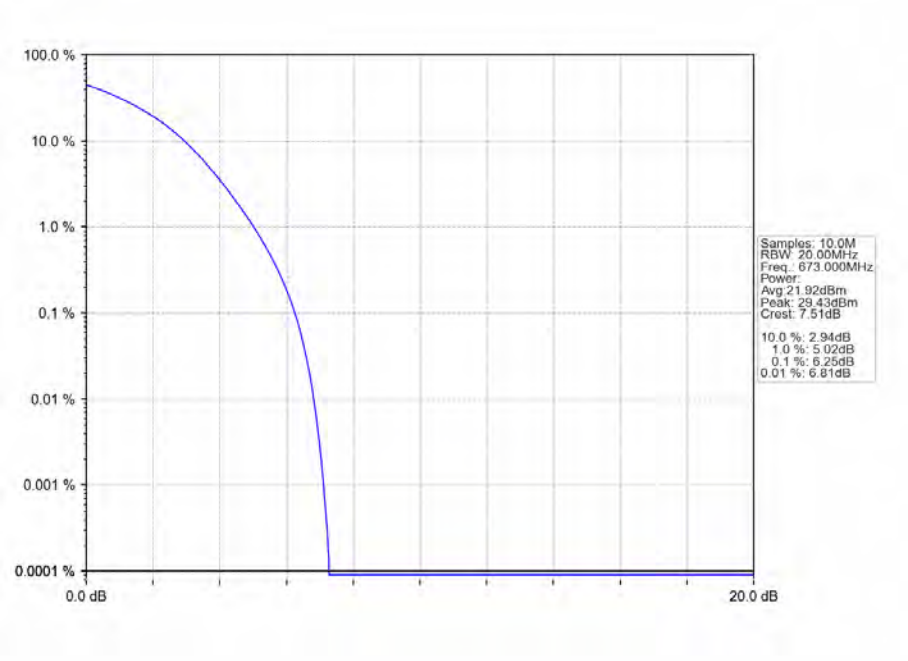
4.1 B71_20MHz

4.1.1 Test Result

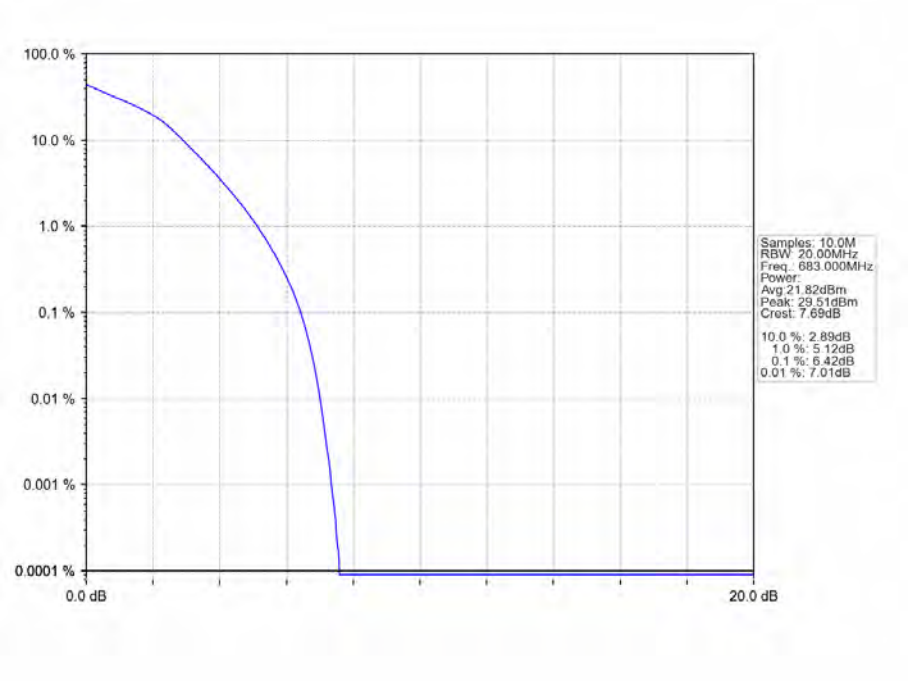
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.24	<=13	Pass
	683	100	0	5.61	<=13	Pass
	688	100	0	5.38	<=13	Pass
16QAM	673	100	0	6.25	<=13	Pass
	683	100	0	6.42	<=13	Pass
	688	100	0	6.26	<=13	Pass
64QAM	673	100	0	6.55	<=13	Pass
	683	100	0	6.73	<=13	Pass
	688	100	0	6.60	<=13	Pass
256QAM	673	100	0	6.58	<=13	Pass
	683	100	0	6.78	<=13	Pass
	688	100	0	12.48	<=13	Pass

4.1.2 Test Graph

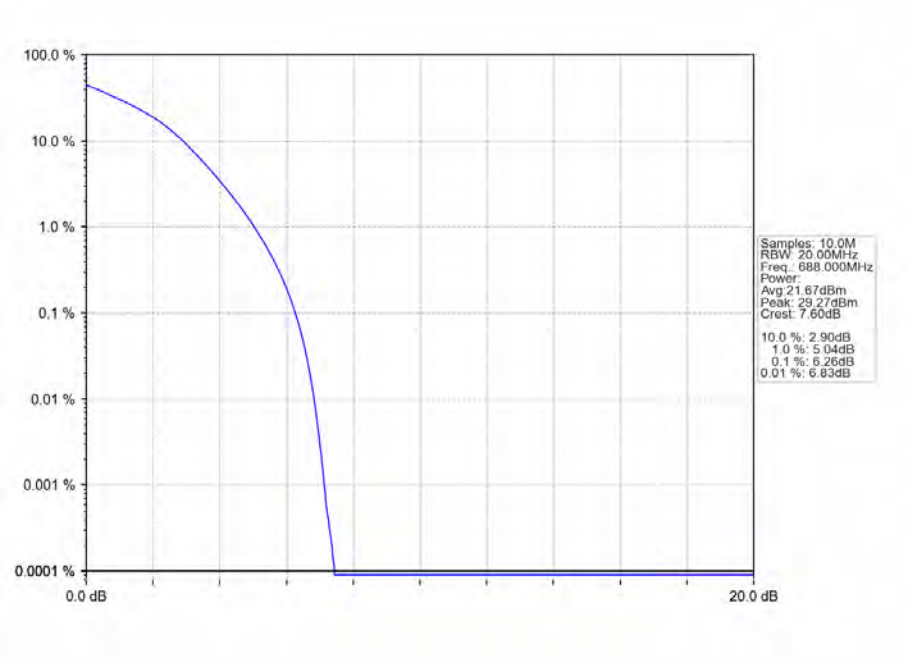
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV


Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV

Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV


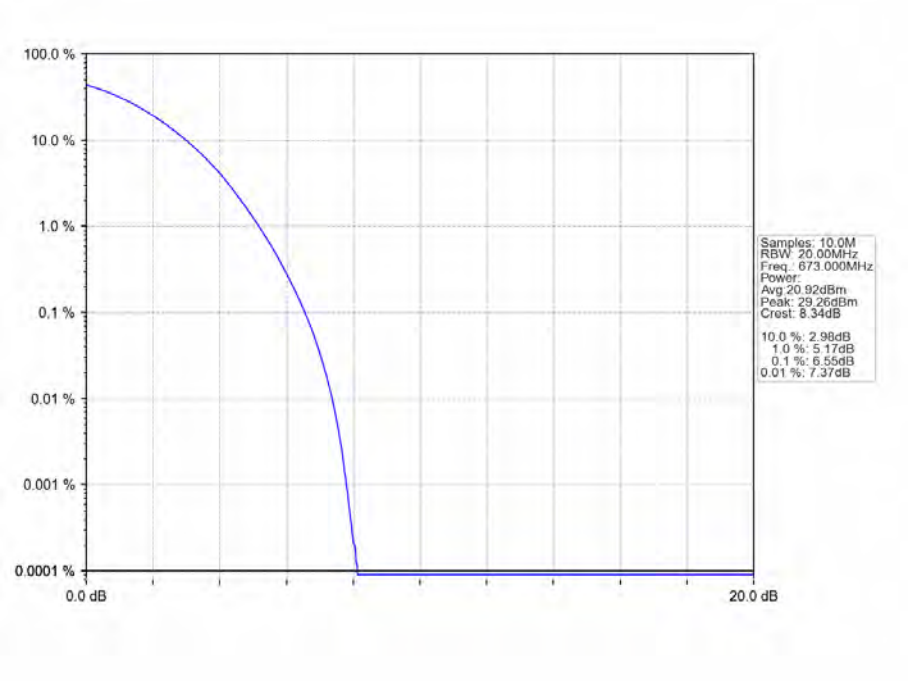
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



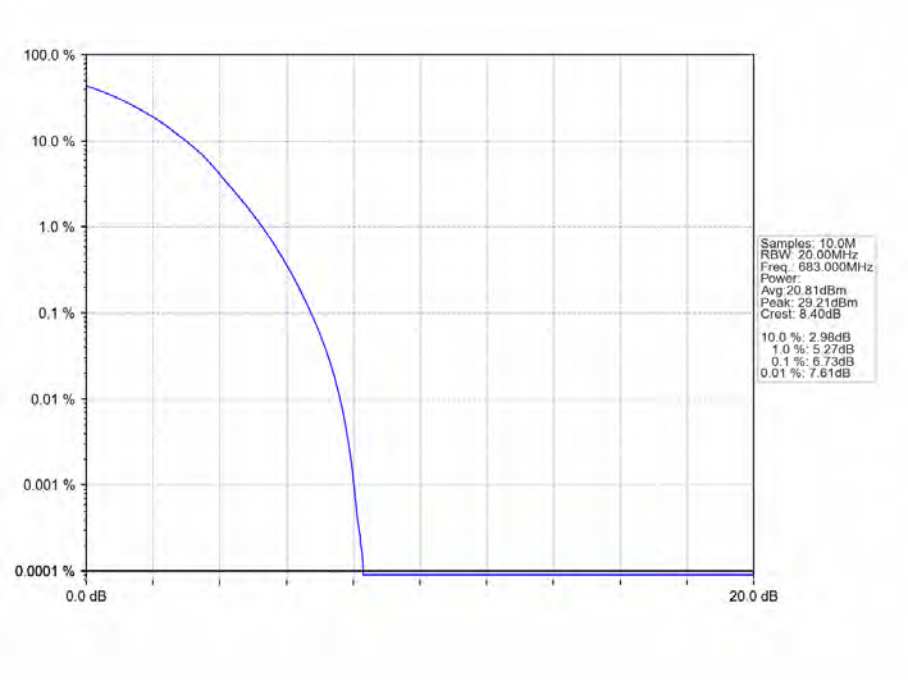
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



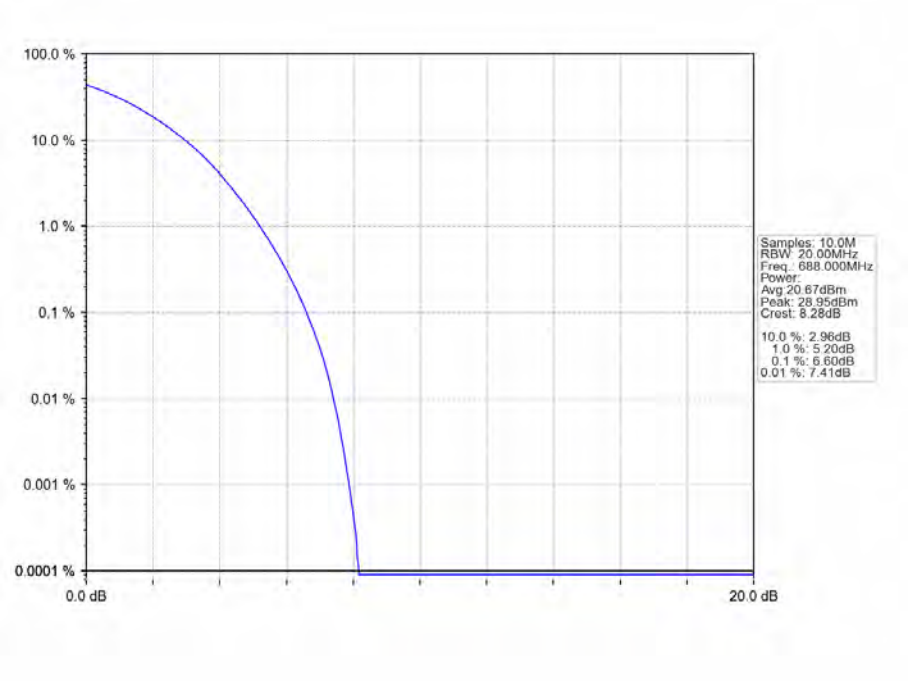
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



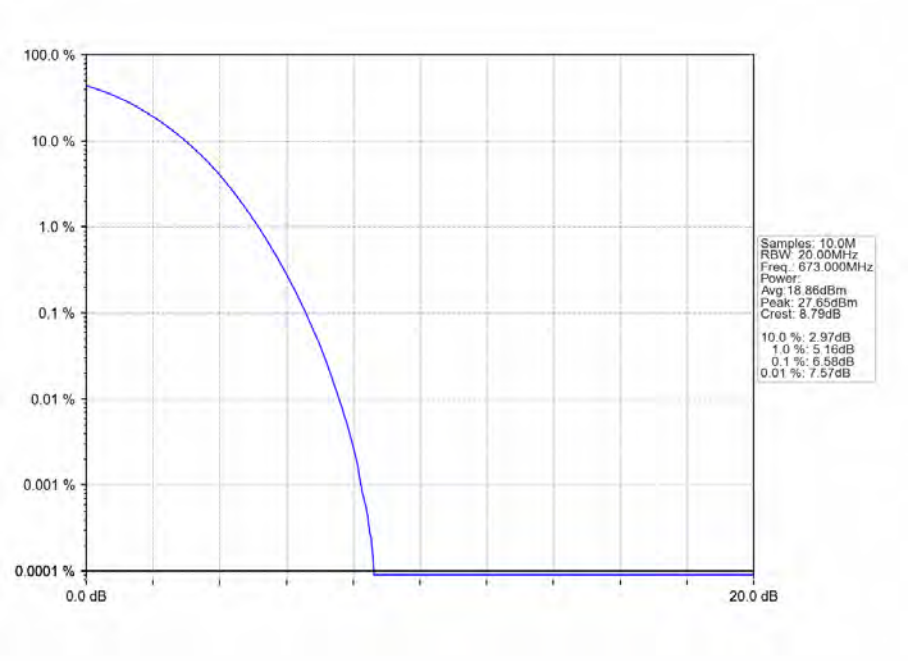
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



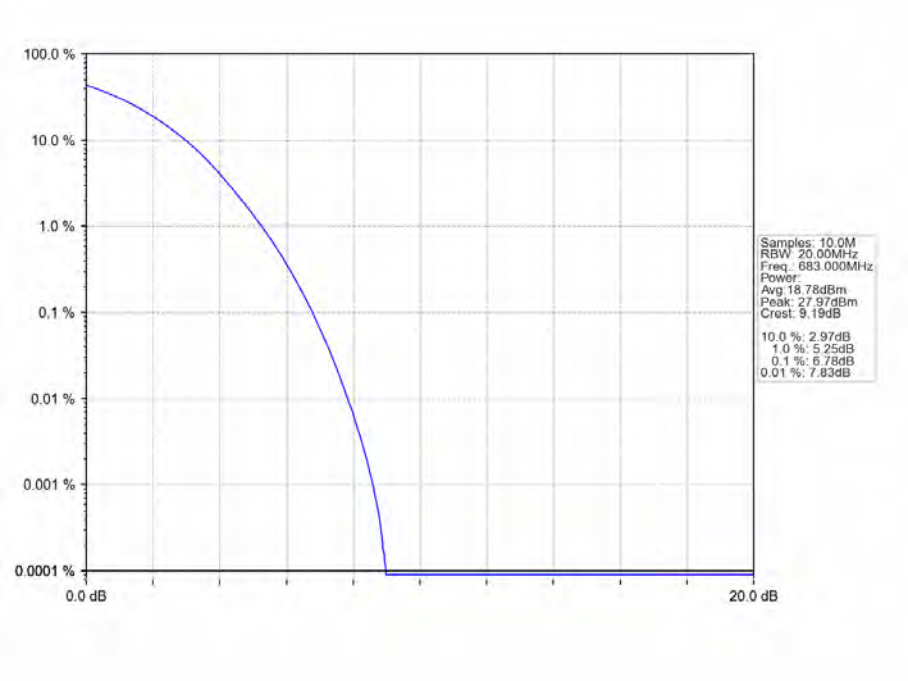
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



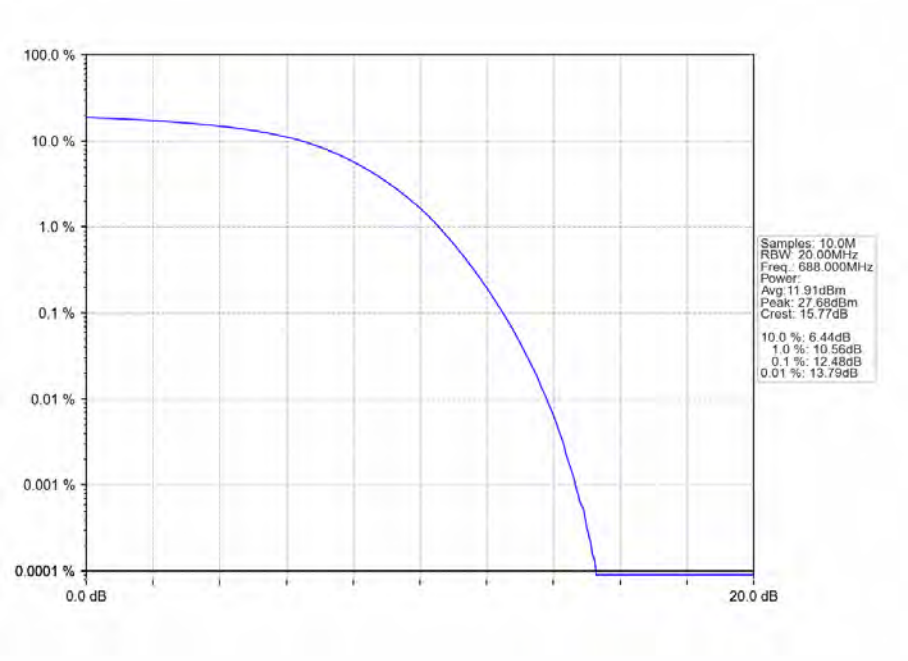
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_HCH_688MHz_RB_100_0_NTNV



5. Spurious Emission

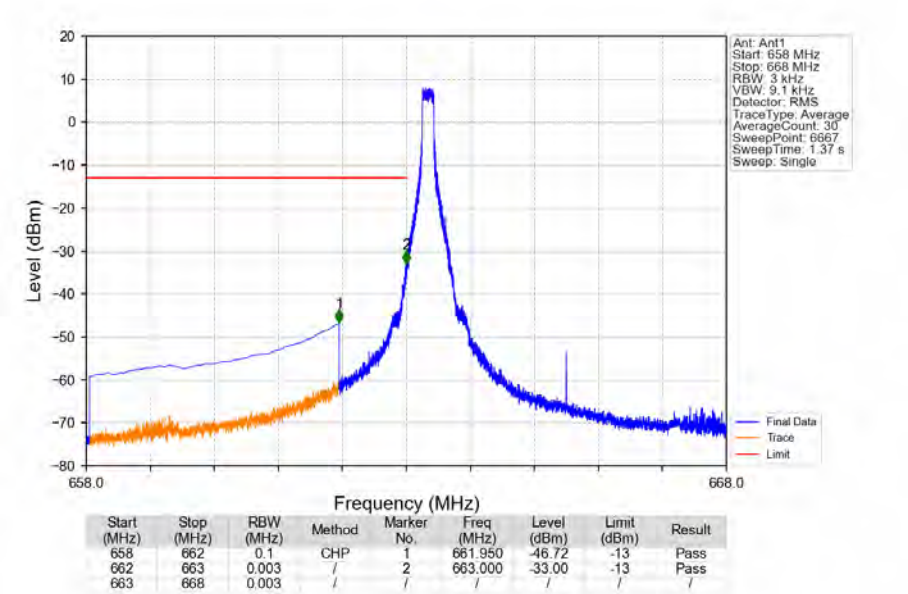
5.1 B71_5MHz

5.1.1 Test Result

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

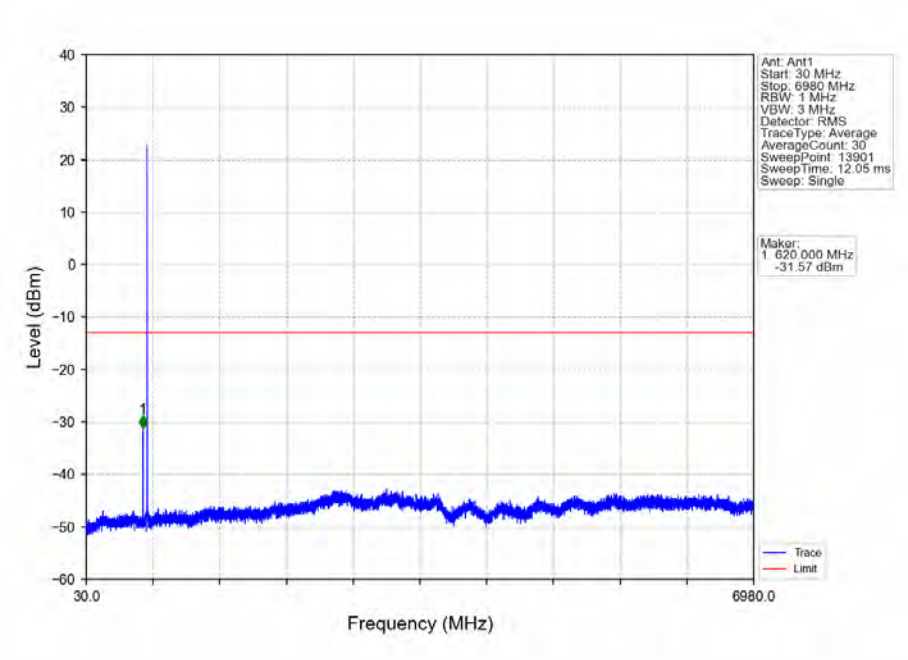
5.1.2 Test Graph

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

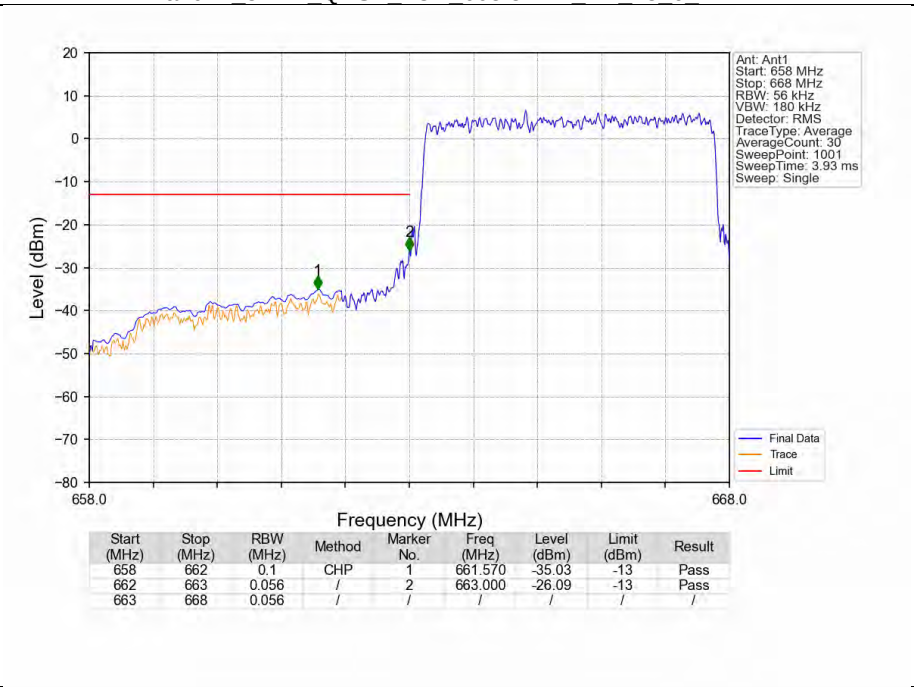


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.950	-46.72	-13	Pass
662	663	0.003	/	2	663.000	-33.00	-13	Pass
663	668	0.003	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

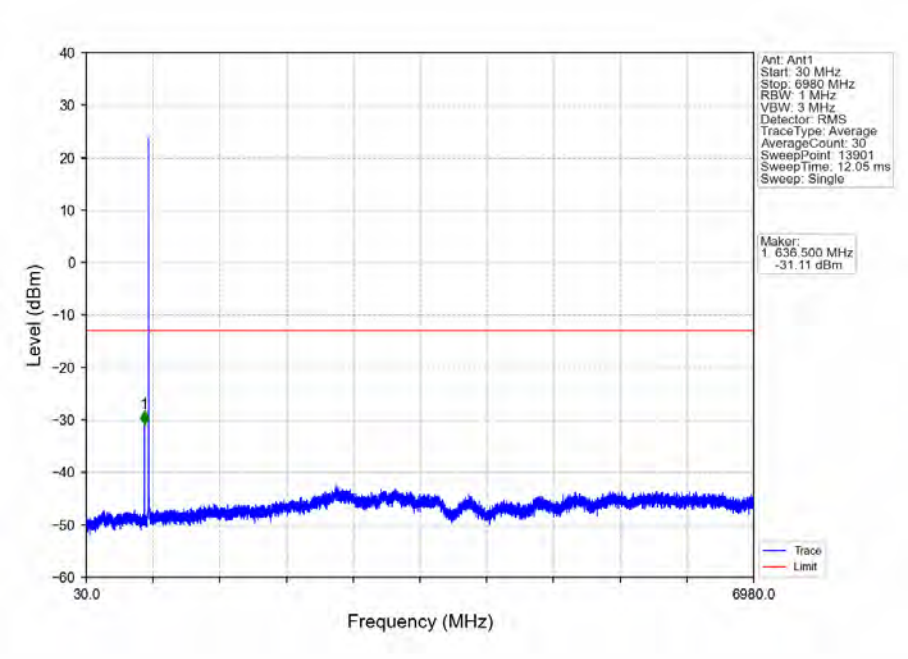


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

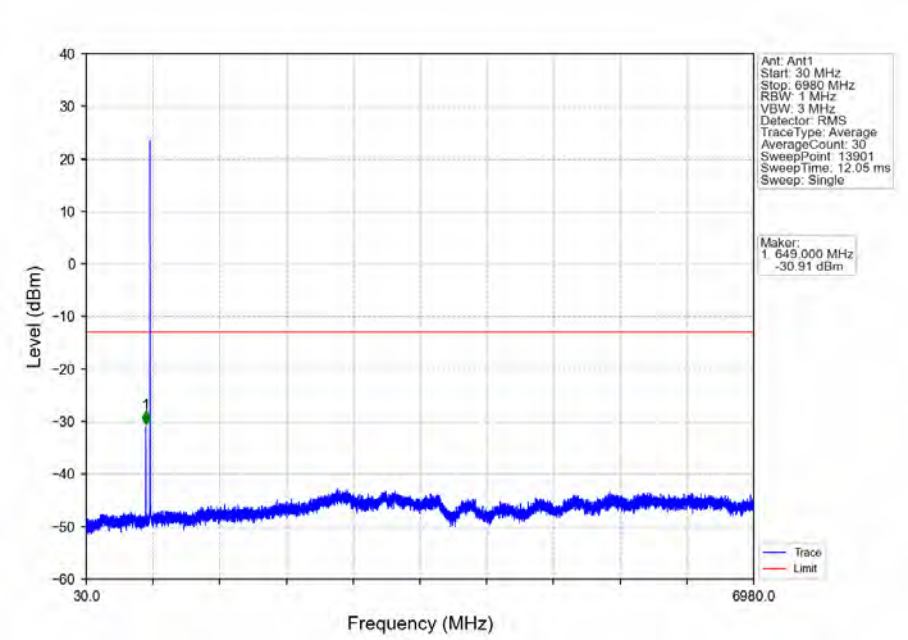


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.570	-35.03	-13	Pass
662	663	0.056	/	2	663.000	-26.09	-13	Pass
663	668	0.056	/	/	/	/	/	/

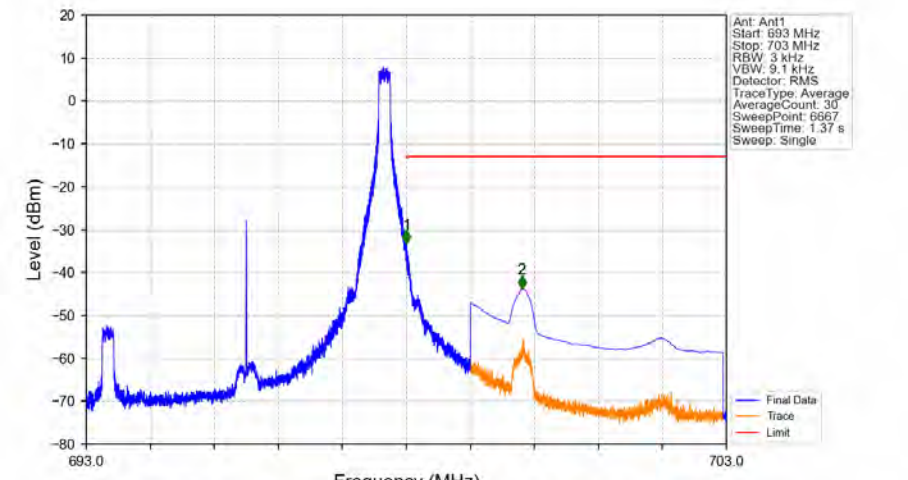
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

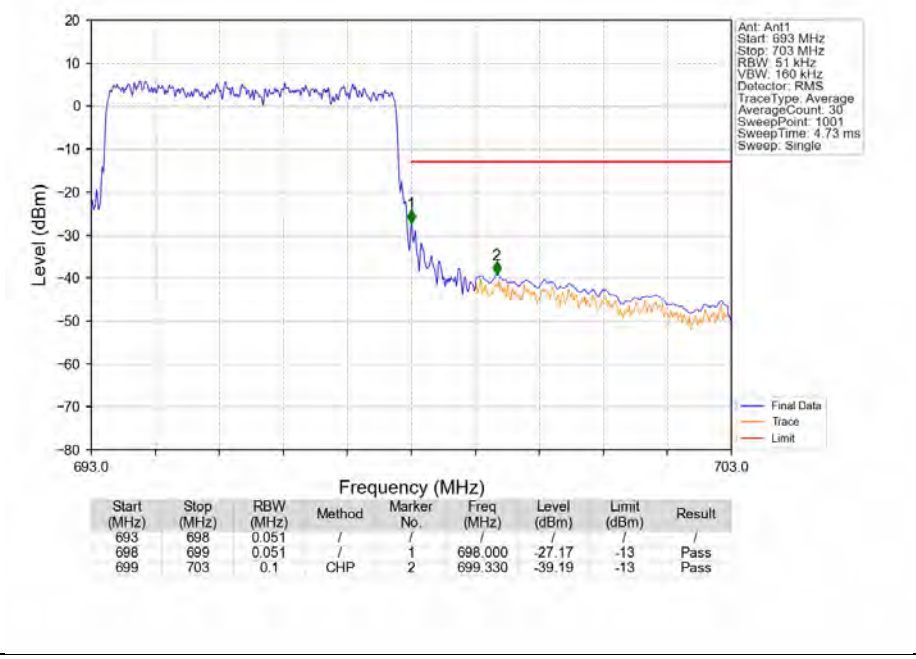


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.001	-33.33	-13	Pass
699	703	0.1	CHP	2	699.803	-43.75	-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	0.051	/	/	/	/	/	/
698	699	0.051	/	1	698.000	-27.17	-13	Pass
699	703	0.1	CHP	2	699.330	-39.19	-13	Pass

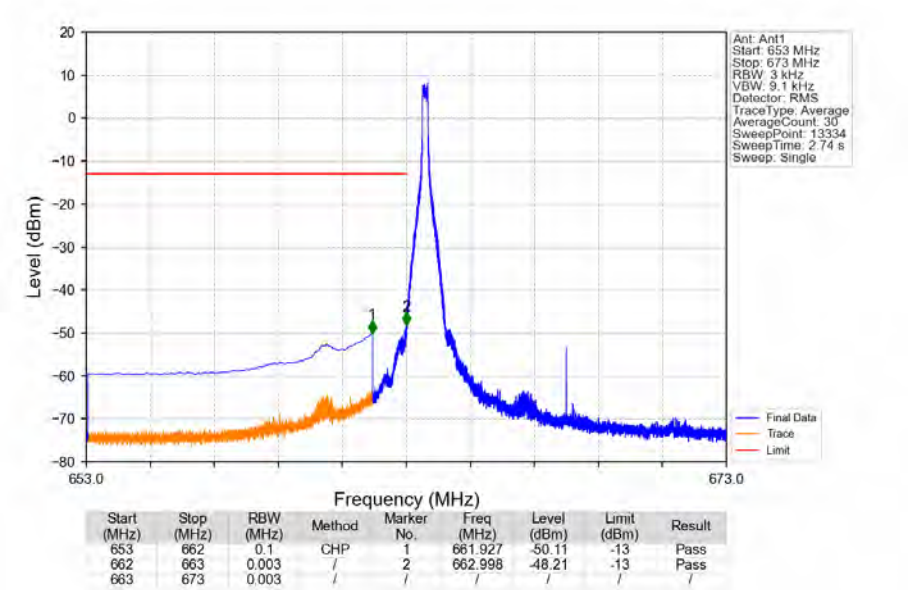
5.2 B71_10MHz

5.2.1 Test Result

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

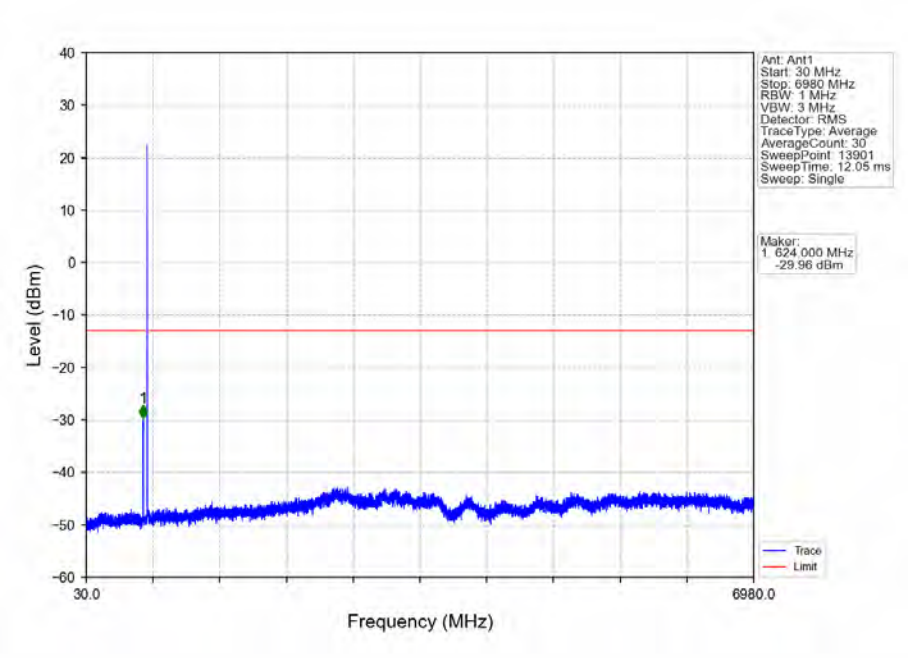
5.2.2 Test Graph

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

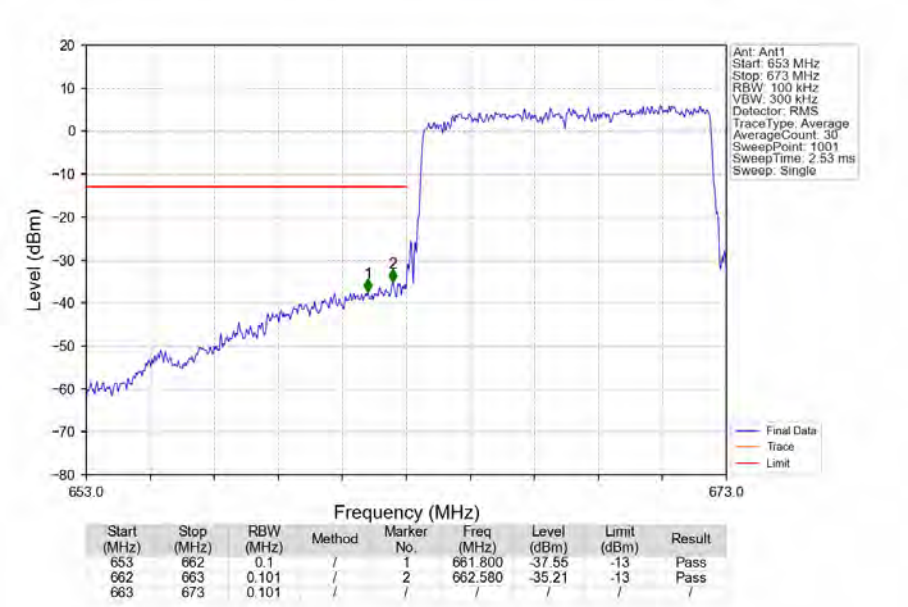


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	CHP	1	661.927	-50.11	-13	Pass
662	663	0.003	/	2	662.998	-48.21	-13	Pass
663	673	0.003	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

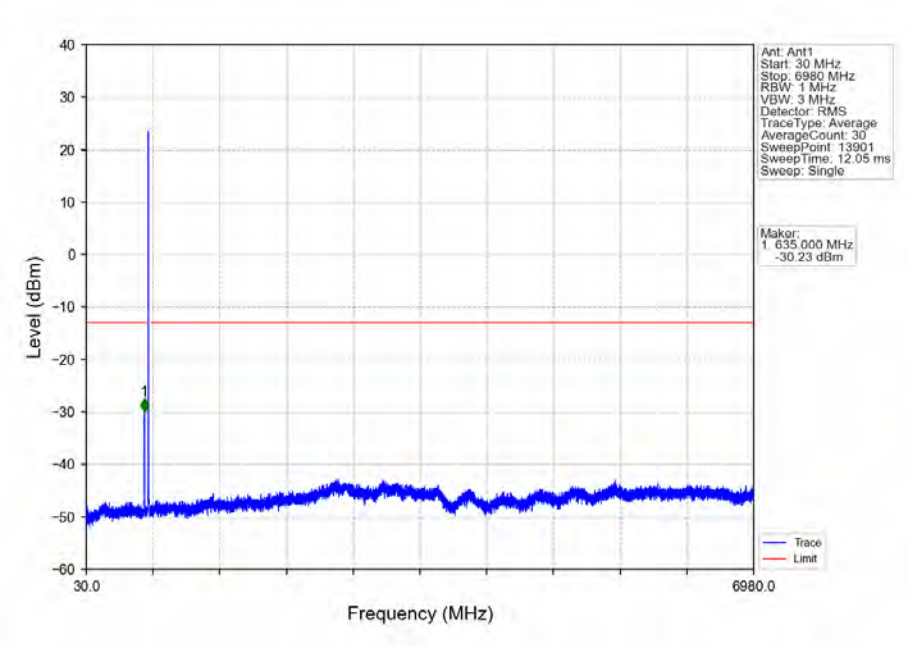


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

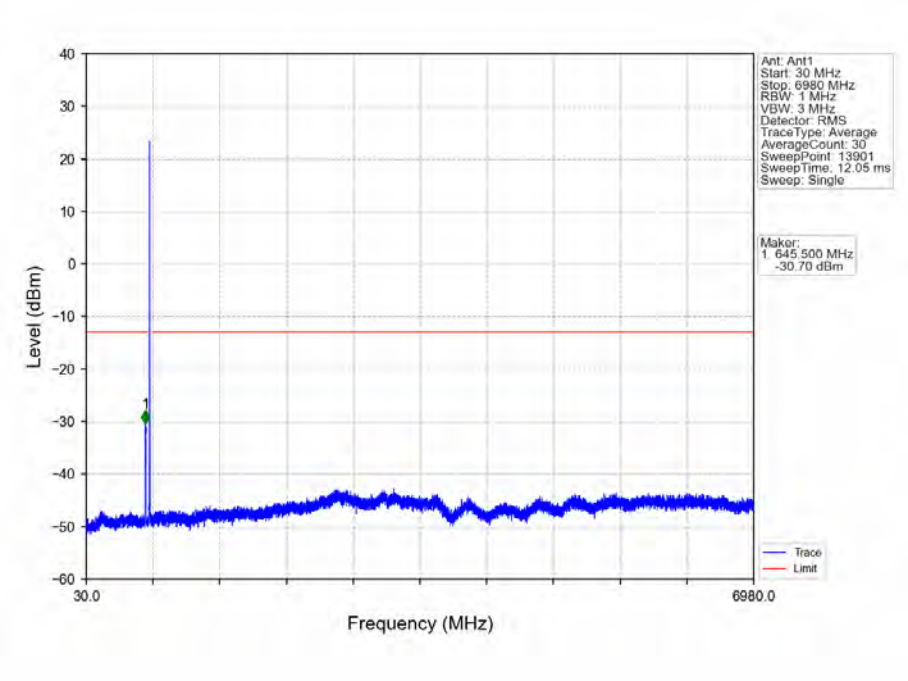


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	/	1	661.800	-37.55	-13	Pass
662	663	0.101	/	2	662.580	-35.21	-13	Pass
663	673	0.101	/	/	/	/	/	/

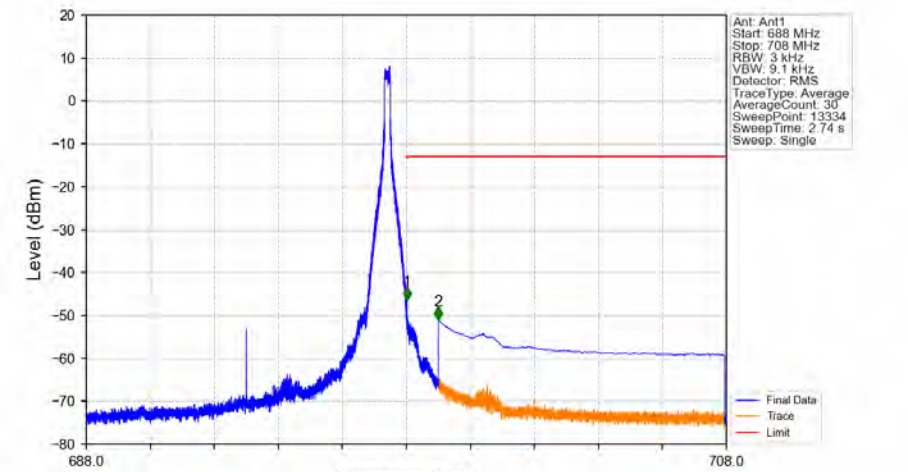
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

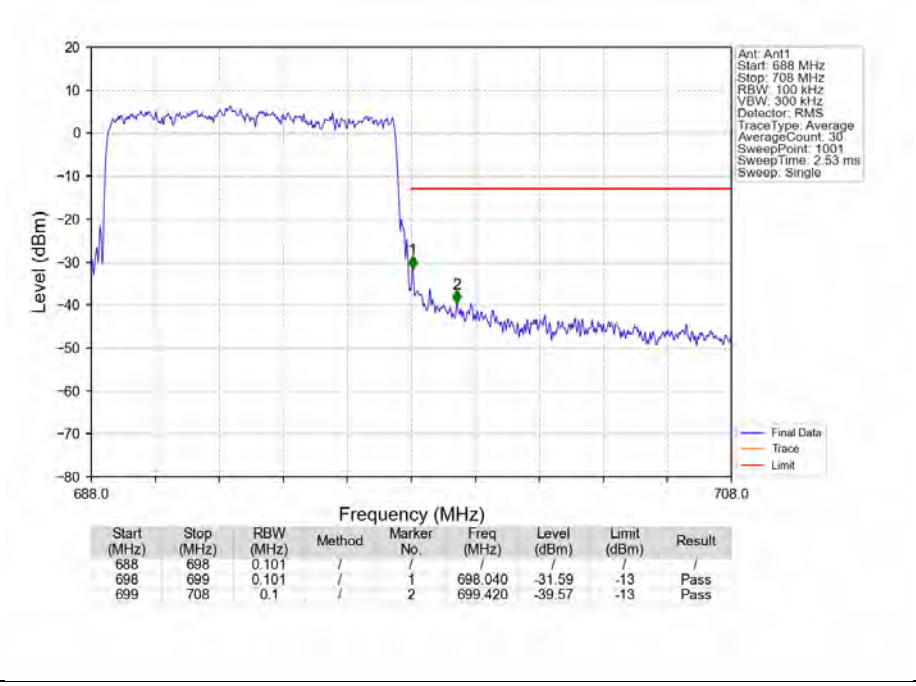


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.016	-46.49	-13	Pass
699	708	0.1	CHP	2	699.001	-51.13	-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	0.101	/	/	/	/	/	/
698	699	0.101	/	1	698.040	-31.59	-13	Pass
699	708	0.1	/	2	699.420	-39.57	-13	Pass

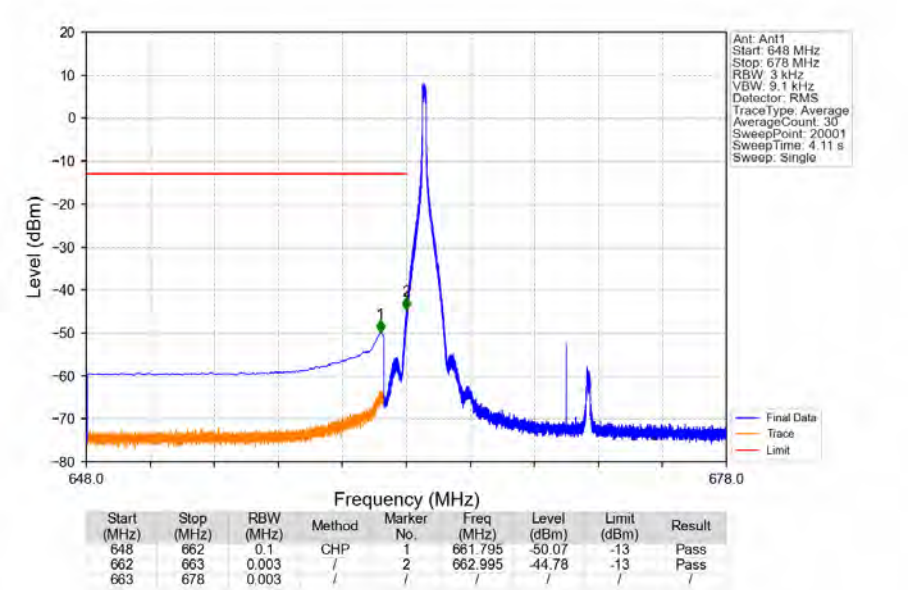
5.3 B71_15MHz

5.3.1 Test Result

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

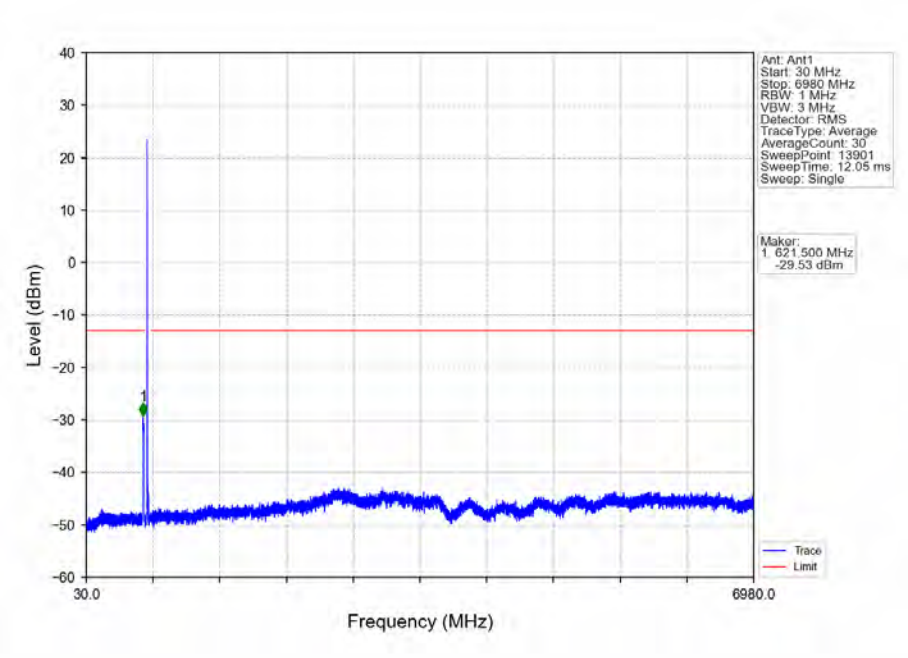
5.3.2 Test Graph

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

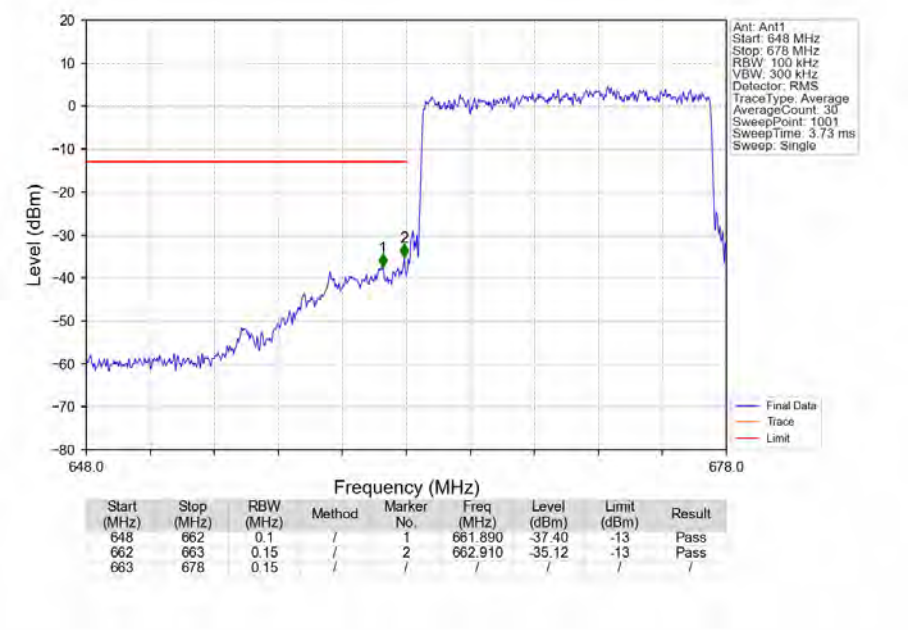


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	CHP	1	661.795	-50.07	-13	Pass
662	663	0.003	/	2	662.995	-44.78	-13	Pass
663	678	0.003	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

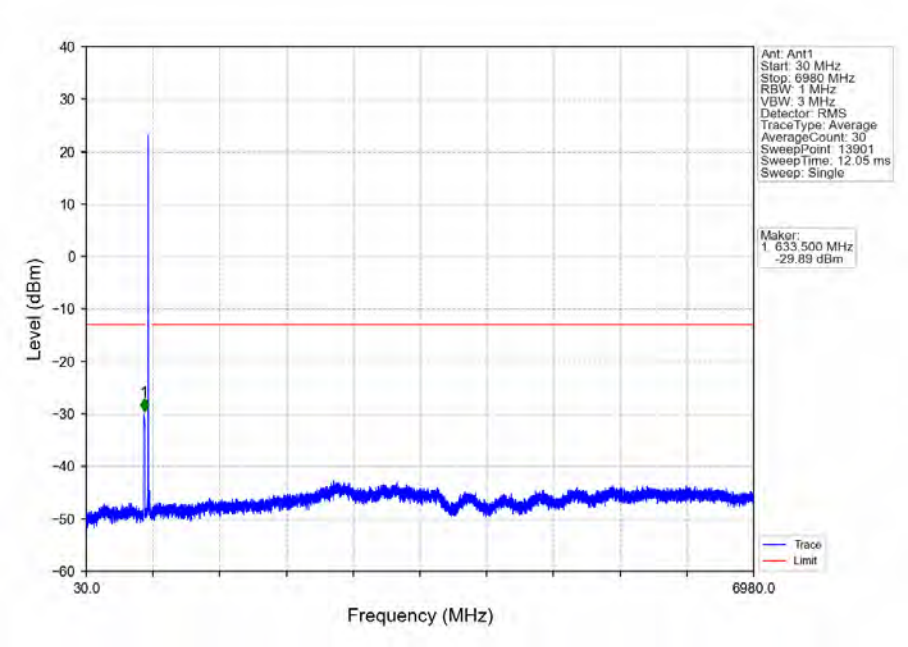


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

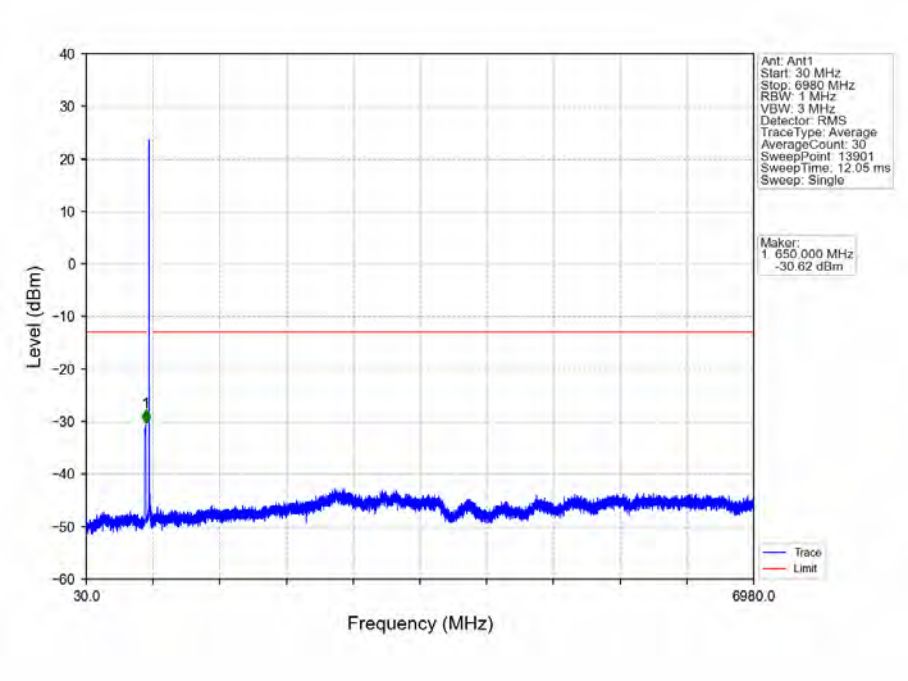


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.890	-37.40	-13	Pass
662	663	0.15	/	2	662.910	-35.12	-13	Pass
663	678	0.15	/	/	/	/	/	/

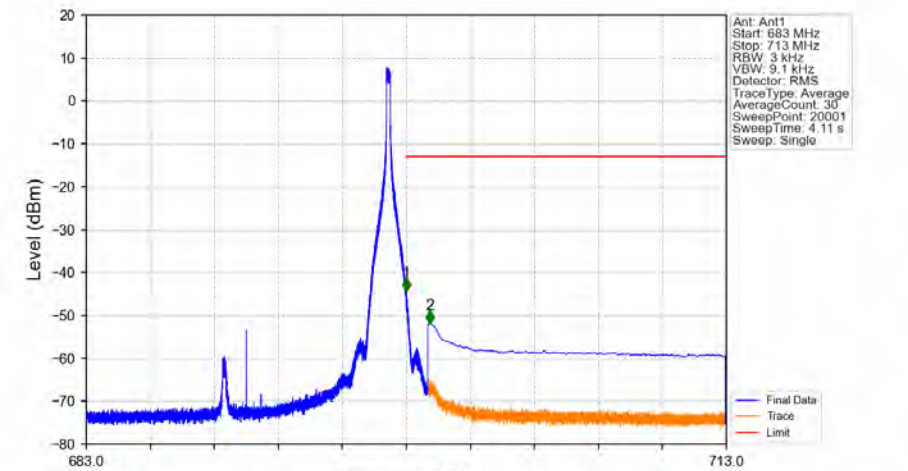
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

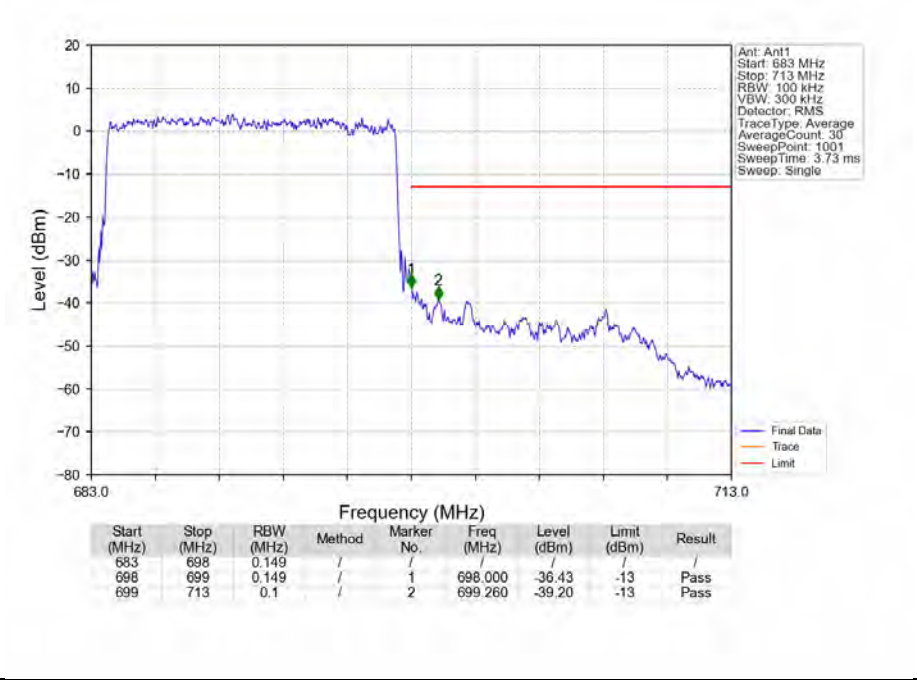


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.001	-44.45	-13	Pass
699	713	0.1	CHP	2	699.100	-51.94	-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	0.149	/	/	/	/	/	/
698	699	0.149	/	1	698.000	-36.43	-13	Pass
699	713	0.1	/	2	699.260	-39.20	-13	Pass

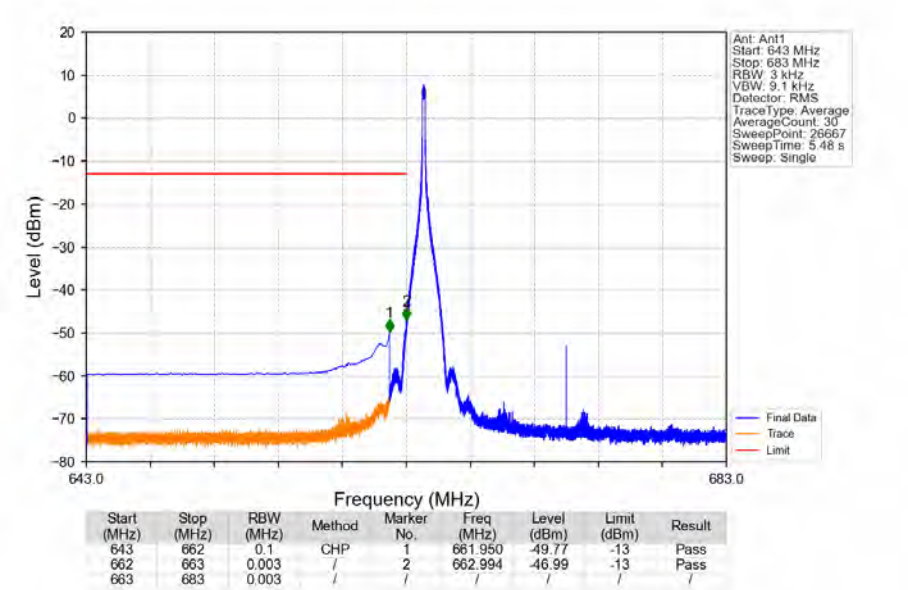
5.4 B71_20MHz

5.4.1 Test Result

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

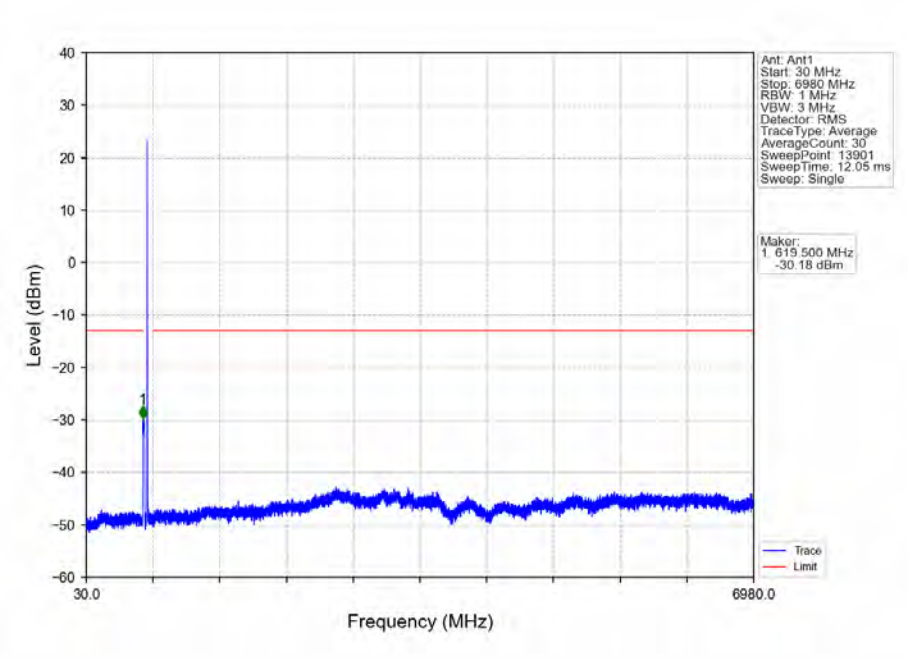
5.4.2 Test Graph

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

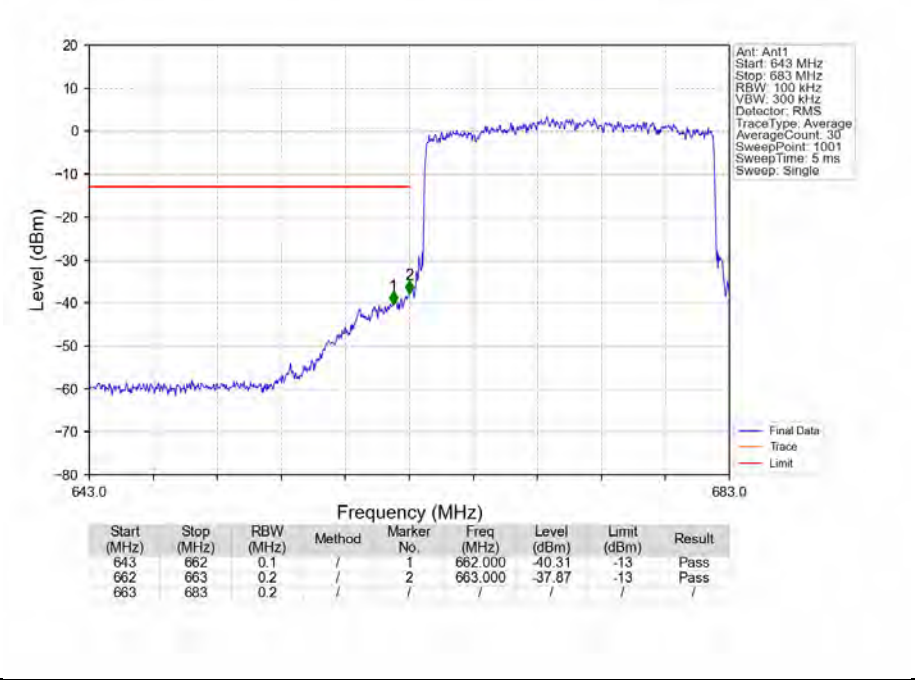


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	CHP	1	661.950	-49.77	-13	Pass
662	663	0.003	/	2	662.994	-46.99	-13	Pass
663	683	0.003	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

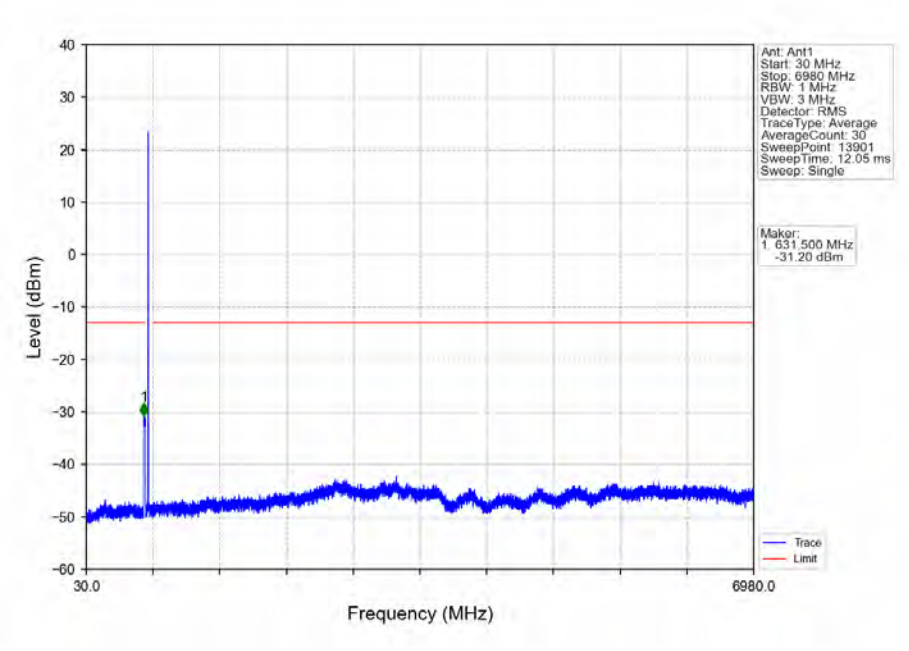


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

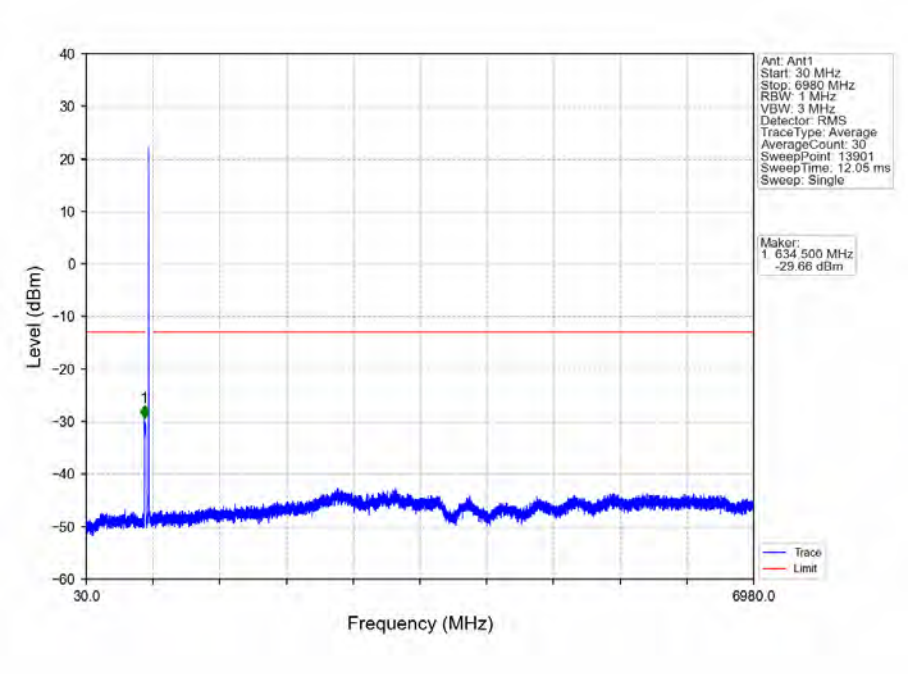


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	662.000	-40.31	-13	Pass
662	663	0.2	/	2	663.000	-37.87	-13	Pass
663	683	0.2	/	/	/	/	/	/

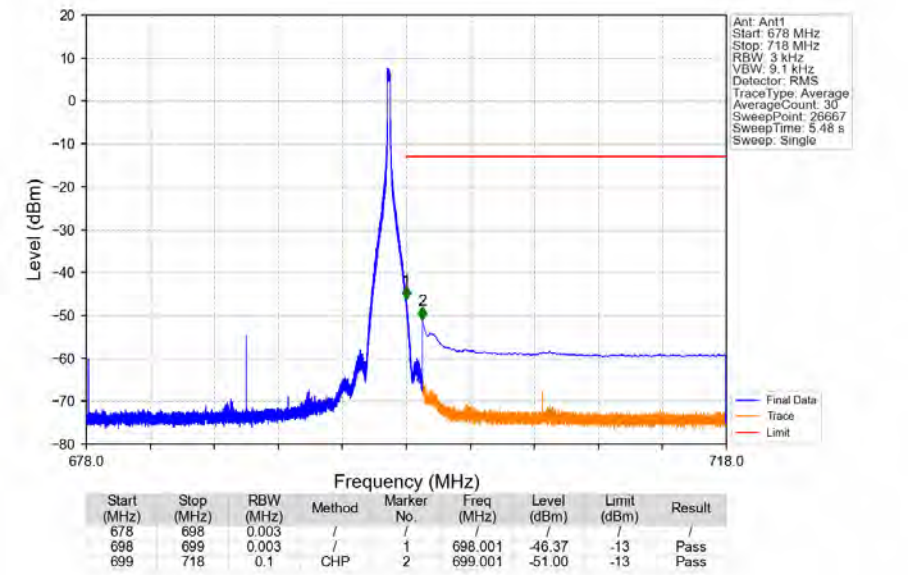
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

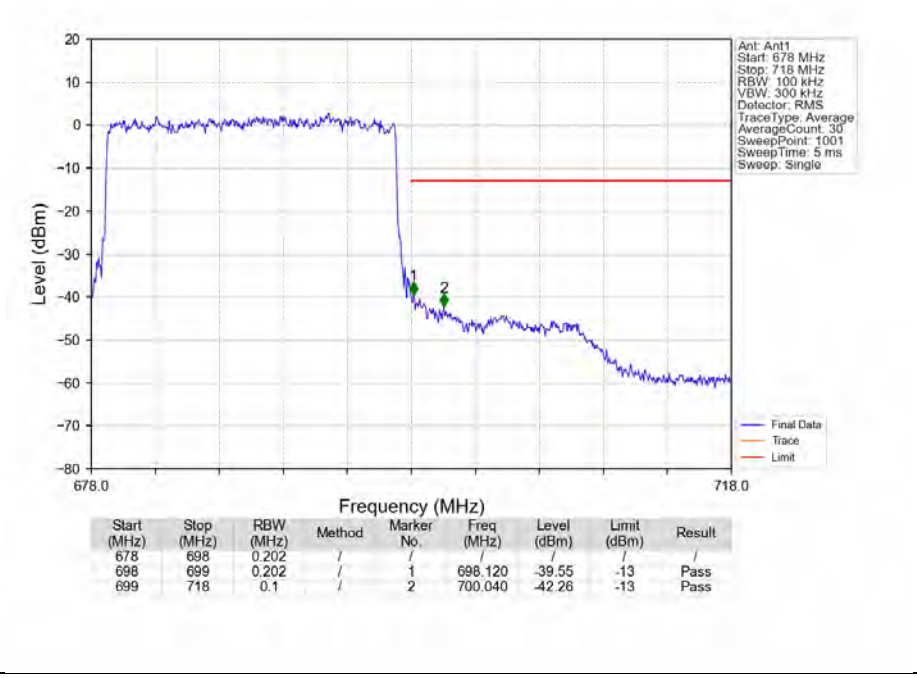


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.001	-46.37	-13	Pass
699	718	0.1	CHP	2	699.001	-51.00	-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	0.202	/	/	/	/	/	/
698	699	0.202	/	1	698.120	-39.55	-13	Pass
699	718	0.1	/	2	700.040	-42.26	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 71-Low channel								
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	-68.98	-13	-55.98	-71.37	2.4	4.79	Horizontal	Pass
1992.0	-66.52	-13	-53.52	-68.44	2.72	4.64	Horizontal	Pass
2656.0	-67.27	-13	-54.27	-70.33	3.1	6.16	Horizontal	Pass
1328.0	-66.43	-13	-53.43	-68.82	2.4	4.79	Vertical	Pass
1992.0	-63.47	-13	-50.47	-65.39	2.72	4.64	Vertical	Pass
2656.0	-67.91	-13	-54.91	-70.97	3.1	6.16	Vertical	Pass

LTE Band 71-Middle channel								
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	-70.12	-13	-57.12	-72.62	2.42	4.92	Horizontal	Pass
2022.0	-65.24	-13	-52.24	-67.17	2.74	4.67	Horizontal	Pass
2696.0	-67.87	-13	-54.87	-71.01	3.11	6.25	Horizontal	Pass
1348.0	-70.12	-13	-57.12	-72.62	2.42	4.92	Vertical	Pass
2022.0	-64.78	-13	-51.78	-66.71	2.74	4.67	Vertical	Pass
2696.0	-68.25	-13	-55.25	-71.39	3.11	6.25	Vertical	Pass

LTE Band 71-High channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1358.0	-67.07	-13	-54.07	-69.62	2.43	4.98	Horizontal	Pass
2037.0	-68.57	-13	-55.57	-70.53	2.75	4.71	Horizontal	Pass
2716.0	-66.84	-13	-53.84	-70.03	3.11	6.3	Horizontal	Pass
1358.0	-63.48	-13	-50.48	-66.03	2.43	4.98	Vertical	Pass
2037.0	-66.5	-13	-53.5	-68.46	2.75	4.71	Vertical	Pass
2716.0	-66.83	-13	-53.83	-70.02	3.11	6.3	Vertical	Pass