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	23.70	-1.11	20.44	<=34.77	Pass
			13	23.85	-1.11	20.59	<=34.77	Pass
			24	23.71	-1.11	20.45	<=34.77	Pass
		12	0	22.60	-1.11	19.34	<=34.77	Pass
			6	22.80	-1.11	19.54	<=34.77	Pass
			13	22.64	-1.11	19.38	<=34.77	Pass
		25	0	22.64	-1.11	19.38	<=34.77	Pass
	680.5	1	0	23.30	-1.11	20.04	<=34.77	Pass
			13	23.52	-1.11	20.26	<=34.77	Pass
			24	23.20	-1.11	19.94	<=34.77	Pass
		12	0	22.52	-1.11	19.26	<=34.77	Pass
			6	22.47	-1.11	19.21	<=34.77	Pass
			13	22.48	-1.11	19.22	<=34.77	Pass
		25	0	22.37	-1.11	19.11	<=34.77	Pass
	695.5	1	0	22.94	-1.11	19.68	<=34.77	Pass
			13	23.32	-1.11	20.06	<=34.77	Pass
			24	22.96	-1.11	19.70	<=34.77	Pass
		12	0	22.24	-1.11	18.98	<=34.77	Pass
			6	22.20	-1.11	18.94	<=34.77	Pass
			13	22.09	-1.11	18.83	<=34.77	Pass
		25	0	22.19	-1.11	18.93	<=34.77	Pass
16QAM	665.5	1	0	22.83	-1.11	19.57	<=34.77	Pass
			13	22.91	-1.11	19.65	<=34.77	Pass
			24	22.25	-1.11	18.99	<=34.77	Pass
		12	0	21.66	-1.11	18.40	<=34.77	Pass
			6	21.91	-1.11	18.65	<=34.77	Pass
			13	21.73	-1.11	18.47	<=34.77	Pass
		25	0	21.68	-1.11	18.42	<=34.77	Pass
	680.5	1	0	22.72	-1.11	19.46	<=34.77	Pass
			13	23.08	-1.11	19.82	<=34.77	Pass
			24	22.74	-1.11	19.48	<=34.77	Pass
		12	0	21.34	-1.11	18.08	<=34.77	Pass
			6	21.38	-1.11	18.12	<=34.77	Pass
			13	21.04	-1.11	17.78	<=34.77	Pass
		25	0	21.46	-1.11	18.20	<=34.77	Pass
	695.5	1	0	22.16	-1.11	18.90	<=34.77	Pass
			13	22.79	-1.11	19.53	<=34.77	Pass
			24	22.08	-1.11	18.82	<=34.77	Pass
		12	0	21.36	-1.11	18.10	<=34.77	Pass
			6	21.36	-1.11	18.10	<=34.77	Pass
			13	21.20	-1.11	17.94	<=34.77	Pass
		25	0	21.17	-1.11	17.91	<=34.77	Pass
64QAM	665.5	1	0	21.80	-1.11	18.54	<=34.77	Pass
			13	21.93	-1.11	18.67	<=34.77	Pass
			24	21.60	-1.11	18.34	<=34.77	Pass
		12	0	20.58	-1.11	17.32	<=34.77	Pass
			6	20.85	-1.11	17.59	<=34.77	Pass

			13	20.56	-1.11	17.30	<=34.77	Pass
		25	0	20.71	-1.11	17.45	<=34.77	Pass
	680.5	1	0	21.75	-1.11	18.49	<=34.77	Pass
			13	21.73	-1.11	18.47	<=34.77	Pass
			24	21.45	-1.11	18.19	<=34.77	Pass
		12	0	20.42	-1.11	17.16	<=34.77	Pass
			6	20.82	-1.11	17.56	<=34.77	Pass
			13	20.70	-1.11	17.44	<=34.77	Pass
		25	0	20.51	-1.11	17.25	<=34.77	Pass
	695.5	1	0	20.41	-1.11	17.15	<=34.77	Pass
			13	20.62	-1.11	17.36	<=34.77	Pass
			24	20.31	-1.11	17.05	<=34.77	Pass
		12	0	19.96	-1.11	16.70	<=34.77	Pass
			6	20.01	-1.11	16.75	<=34.77	Pass
			13	19.96	-1.11	16.70	<=34.77	Pass
		25	0	20.09	-1.11	16.83	<=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	23.80	-1.11	20.54	<=34.77	Pass
			25	23.97	-1.11	20.71	<=34.77	Pass
			49	23.63	-1.11	20.37	<=34.77	Pass
		25	0	22.70	-1.11	19.44	<=34.77	Pass
			13	22.62	-1.11	19.36	<=34.77	Pass
			25	22.69	-1.11	19.43	<=34.77	Pass
		50	0	22.67	-1.11	19.41	<=34.77	Pass
	680.5	1	0	23.68	-1.11	20.42	<=34.77	Pass
			25	23.86	-1.11	20.60	<=34.77	Pass
			49	23.49	-1.11	20.23	<=34.77	Pass
		25	0	22.54	-1.11	19.28	<=34.77	Pass
			13	22.54	-1.11	19.28	<=34.77	Pass
			25	22.56	-1.11	19.30	<=34.77	Pass
		50	0	22.50	-1.11	19.24	<=34.77	Pass
	693	1	0	23.36	-1.11	20.10	<=34.77	Pass
			25	23.69	-1.11	20.43	<=34.77	Pass
			49	23.08	-1.11	19.82	<=34.77	Pass
		25	0	22.36	-1.11	19.10	<=34.77	Pass
			13	22.37	-1.11	19.11	<=34.77	Pass
			25	22.28	-1.11	19.02	<=34.77	Pass
		50	0	22.30	-1.11	19.04	<=34.77	Pass
16QAM	668	1	0	22.91	-1.11	19.65	<=34.77	Pass
			25	23.36	-1.11	20.10	<=34.77	Pass
			49	22.65	-1.11	19.39	<=34.77	Pass
		25	0	21.82	-1.11	18.56	<=34.77	Pass
			13	21.77	-1.11	18.51	<=34.77	Pass
			25	21.78	-1.11	18.52	<=34.77	Pass
		50	0	21.77	-1.11	18.51	<=34.77	Pass
	680.5	1	0	23.21	-1.11	19.95	<=34.77	Pass
			25	23.05	-1.11	19.79	<=34.77	Pass

			49	22.92	-1.11	19.66	<=34.77	Pass
		25	0	21.68	-1.11	18.42	<=34.77	Pass
			13	21.67	-1.11	18.41	<=34.77	Pass
			25	21.44	-1.11	18.18	<=34.77	Pass
		50	0	21.50	-1.11	18.24	<=34.77	Pass
	693	1	0	22.61	-1.11	19.35	<=34.77	Pass
			25	22.54	-1.11	19.28	<=34.77	Pass
			49	21.91	-1.11	18.65	<=34.77	Pass
		25	0	21.42	-1.11	18.16	<=34.77	Pass
			13	21.44	-1.11	18.18	<=34.77	Pass
			25	21.26	-1.11	18.00	<=34.77	Pass
		50	0	21.31	-1.11	18.05	<=34.77	Pass
64QAM	668	1	0	21.87	-1.11	18.61	<=34.77	Pass
			25	22.36	-1.11	19.10	<=34.77	Pass
			49	22.21	-1.11	18.95	<=34.77	Pass
		25	0	20.95	-1.11	17.69	<=34.77	Pass
			13	20.86	-1.11	17.60	<=34.77	Pass
			25	20.74	-1.11	17.48	<=34.77	Pass
		50	0	20.77	-1.11	17.51	<=34.77	Pass
	680.5	1	0	21.81	-1.11	18.55	<=34.77	Pass
			25	21.84	-1.11	18.58	<=34.77	Pass
			49	21.61	-1.11	18.35	<=34.77	Pass
		25	0	20.61	-1.11	17.35	<=34.77	Pass
			13	20.76	-1.11	17.50	<=34.77	Pass
			25	20.46	-1.11	17.20	<=34.77	Pass
		50	0	20.65	-1.11	17.39	<=34.77	Pass
	693	1	0	21.53	-1.11	18.27	<=34.77	Pass
			25	21.60	-1.11	18.34	<=34.77	Pass
			49	21.19	-1.11	17.93	<=34.77	Pass
		25	0	20.32	-1.11	17.06	<=34.77	Pass
			13	20.36	-1.11	17.10	<=34.77	Pass
			25	20.18	-1.11	16.92	<=34.77	Pass
		50	0	20.25	-1.11	16.99	<=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	23.71	-1.11	20.45	<=34.77	Pass
			38	23.80	-1.11	20.54	<=34.77	Pass
			74	23.54	-1.11	20.28	<=34.77	Pass
		36	0	22.66	-1.11	19.40	<=34.77	Pass
			18	22.69	-1.11	19.43	<=34.77	Pass
			39	22.57	-1.11	19.31	<=34.77	Pass
		75	0	22.59	-1.11	19.33	<=34.77	Pass
	680.5	1	0	23.49	-1.11	20.23	<=34.77	Pass
			38	23.74	-1.11	20.48	<=34.77	Pass
			74	23.49	-1.11	20.23	<=34.77	Pass
		36	0	22.50	-1.11	19.24	<=34.77	Pass
			18	22.53	-1.11	19.27	<=34.77	Pass
			39	22.45	-1.11	19.19	<=34.77	Pass

		75	0	22.40	-1.11	19.14	<=34.77	Pass
	690.5	1	0	23.58	-1.11	20.32	<=34.77	Pass
			38	23.41	-1.11	20.15	<=34.77	Pass
			74	23.22	-1.11	19.96	<=34.77	Pass
		36	0	22.27	-1.11	19.01	<=34.77	Pass
			18	22.32	-1.11	19.06	<=34.77	Pass
			39	22.27	-1.11	19.01	<=34.77	Pass
		75	0	22.34	-1.11	19.08	<=34.77	Pass
16QAM	670.5	1	0	22.69	-1.11	19.43	<=34.77	Pass
			38	23.47	-1.11	20.21	<=34.77	Pass
			74	22.71	-1.11	19.45	<=34.77	Pass
		36	0	21.72	-1.11	18.46	<=34.77	Pass
			18	21.74	-1.11	18.48	<=34.77	Pass
			39	21.59	-1.11	18.33	<=34.77	Pass
		75	0	21.60	-1.11	18.34	<=34.77	Pass
	680.5	1	0	23.14	-1.11	19.88	<=34.77	Pass
			38	23.60	-1.11	20.34	<=34.77	Pass
			74	22.55	-1.11	19.29	<=34.77	Pass
		36	0	21.51	-1.11	18.25	<=34.77	Pass
			18	21.65	-1.11	18.39	<=34.77	Pass
			39	21.40	-1.11	18.14	<=34.77	Pass
		75	0	21.59	-1.11	18.33	<=34.77	Pass
	690.5	1	0	22.82	-1.11	19.56	<=34.77	Pass
			38	22.51	-1.11	19.25	<=34.77	Pass
			74	22.25	-1.11	18.99	<=34.77	Pass
		36	0	21.30	-1.11	18.04	<=34.77	Pass
			18	21.28	-1.11	18.02	<=34.77	Pass
			39	21.21	-1.11	17.95	<=34.77	Pass
		75	0	21.26	-1.11	18.00	<=34.77	Pass
64QAM	670.5	1	0	22.24	-1.11	18.98	<=34.77	Pass
			38	22.26	-1.11	19.00	<=34.77	Pass
			74	22.07	-1.11	18.81	<=34.77	Pass
		36	0	20.71	-1.11	17.45	<=34.77	Pass
			18	20.85	-1.11	17.59	<=34.77	Pass
			39	20.80	-1.11	17.54	<=34.77	Pass
		75	0	20.67	-1.11	17.41	<=34.77	Pass
	680.5	1	0	21.62	-1.11	18.36	<=34.77	Pass
			38	21.89	-1.11	18.63	<=34.77	Pass
			74	21.48	-1.11	18.22	<=34.77	Pass
		36	0	20.38	-1.11	17.12	<=34.77	Pass
			18	20.61	-1.11	17.35	<=34.77	Pass
			39	20.40	-1.11	17.14	<=34.77	Pass
		75	0	20.39	-1.11	17.13	<=34.77	Pass
	690.5	1	0	21.64	-1.11	18.38	<=34.77	Pass
			38	21.51	-1.11	18.25	<=34.77	Pass
			74	21.00	-1.11	17.74	<=34.77	Pass
		36	0	20.32	-1.11	17.06	<=34.77	Pass
			18	20.36	-1.11	17.10	<=34.77	Pass
			39	20.22	-1.11	16.96	<=34.77	Pass
		75	0	20.22	-1.11	16.96	<=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	23.56	-1.11	20.30	<=34.77	Pass
			50	24.01	-1.11	20.75	<=34.77	Pass
			99	23.60	-1.11	20.34	<=34.77	Pass
		50	0	22.67	-1.11	19.41	<=34.77	Pass
			25	22.67	-1.11	19.41	<=34.77	Pass
			50	22.58	-1.11	19.32	<=34.77	Pass
		100	0	22.57	-1.11	19.31	<=34.77	Pass
	683	1	0	23.61	-1.11	20.35	<=34.77	Pass
			50	23.92	-1.11	20.66	<=34.77	Pass
			99	23.45	-1.11	20.19	<=34.77	Pass
		50	0	22.50	-1.11	19.24	<=34.77	Pass
			25	22.41	-1.11	19.15	<=34.77	Pass
			50	22.36	-1.11	19.10	<=34.77	Pass
		100	0	22.44	-1.11	19.18	<=34.77	Pass
	688	1	0	23.44	-1.11	20.18	<=34.77	Pass
			50	23.80	-1.11	20.54	<=34.77	Pass
			99	23.21	-1.11	19.95	<=34.77	Pass
		50	0	22.43	-1.11	19.17	<=34.77	Pass
			25	22.43	-1.11	19.17	<=34.77	Pass
			50	22.33	-1.11	19.07	<=34.77	Pass
		100	0	22.42	-1.11	19.16	<=34.77	Pass
16QAM	673	1	0	22.61	-1.11	19.35	<=34.77	Pass
			50	23.37	-1.11	20.11	<=34.77	Pass
			99	22.94	-1.11	19.68	<=34.77	Pass
		50	0	21.70	-1.11	18.44	<=34.77	Pass
			25	21.80	-1.11	18.54	<=34.77	Pass
			50	21.66	-1.11	18.40	<=34.77	Pass
		100	0	21.65	-1.11	18.39	<=34.77	Pass
	683	1	0	22.62	-1.11	19.36	<=34.77	Pass
			50	22.97	-1.11	19.71	<=34.77	Pass
			99	21.96	-1.11	18.70	<=34.77	Pass
		50	0	21.64	-1.11	18.38	<=34.77	Pass
			25	21.58	-1.11	18.32	<=34.77	Pass
			50	21.42	-1.11	18.16	<=34.77	Pass
		100	0	21.49	-1.11	18.23	<=34.77	Pass
	688	1	0	23.21	-1.11	19.95	<=34.77	Pass
			50	23.01	-1.11	19.75	<=34.77	Pass
			99	22.73	-1.11	19.47	<=34.77	Pass
		50	0	21.58	-1.11	18.32	<=34.77	Pass
			25	21.48	-1.11	18.22	<=34.77	Pass
			50	21.28	-1.11	18.02	<=34.77	Pass
		100	0	21.50	-1.11	18.24	<=34.77	Pass
64QAM	673	1	0	22.01	-1.11	18.75	<=34.77	Pass
			50	22.15	-1.11	18.89	<=34.77	Pass
			99	21.69	-1.11	18.43	<=34.77	Pass
		50	0	20.64	-1.11	17.38	<=34.77	Pass
			25	20.71	-1.11	17.45	<=34.77	Pass
			50	20.63	-1.11	17.37	<=34.77	Pass
		100	0	20.50	-1.11	17.24	<=34.77	Pass
	683	1	0	21.82	-1.11	18.56	<=34.77	Pass

			50	21.99	-1.11	18.73	<=34.77	Pass
			99	21.54	-1.11	18.28	<=34.77	Pass
		50	0	20.53	-1.11	17.27	<=34.77	Pass
			25	20.47	-1.11	17.21	<=34.77	Pass
			50	20.36	-1.11	17.10	<=34.77	Pass
		100	0	20.37	-1.11	17.11	<=34.77	Pass
	688	1	0	21.75	-1.11	18.49	<=34.77	Pass
			50	22.23	-1.11	18.97	<=34.77	Pass
			99	21.87	-1.11	18.61	<=34.77	Pass
		50	0	20.46	-1.11	17.20	<=34.77	Pass
			25	20.45	-1.11	17.19	<=34.77	Pass
			50	20.18	-1.11	16.92	<=34.77	Pass
		100	0	20.30	-1.11	17.04	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B71_5MHz

2.1.1 Test Result

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	6.12	-0.386	-0.0006	-2.5 to 2.5	Pass
					7.20	-0.558	-0.0008	-2.5 to 2.5	Pass
					8.28	-1.659	-0.0025	-2.5 to 2.5	Pass
				-30	7.20	-0.787	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-0.458	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	-1.259	-0.0019	-2.5 to 2.5	Pass
				0	7.20	-1.459	-0.0022	-2.5 to 2.5	Pass
				10	7.20	-1.373	-0.0021	-2.5 to 2.5	Pass
				30	7.20	-1.001	-0.0015	-2.5 to 2.5	Pass
				40	7.20	-1.330	-0.0020	-2.5 to 2.5	Pass
				50	7.20	-1.044	-0.0016	-2.5 to 2.5	Pass
	680.5	25	0	20	6.12	-0.429	-0.0006	-2.5 to 2.5	Pass
					7.20	-0.944	-0.0014	-2.5 to 2.5	Pass
					8.28	-0.329	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	0.272	0.0004	-2.5 to 2.5	Pass
				-20	7.20	-0.257	-0.0004	-2.5 to 2.5	Pass
				-10	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
				0	7.20	-0.343	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-0.486	-0.0007	-2.5 to 2.5	Pass
				30	7.20	-0.358	-0.0005	-2.5 to 2.5	Pass
				40	7.20	0.386	0.0006	-2.5 to 2.5	Pass
				50	7.20	-0.043	-0.0001	-2.5 to 2.5	Pass
	695.5	25	0	20	6.12	1.659	0.0024	-2.5 to 2.5	Pass
					7.20	1.273	0.0018	-2.5 to 2.5	Pass
					8.28	0.758	0.0011	-2.5 to 2.5	Pass
				-30	7.20	2.418	0.0035	-2.5 to 2.5	Pass
				-20	7.20	1.874	0.0027	-2.5 to 2.5	Pass
				-10	7.20	2.103	0.0030	-2.5 to 2.5	Pass
				0	7.20	1.888	0.0027	-2.5 to 2.5	Pass
				10	7.20	1.874	0.0027	-2.5 to 2.5	Pass
				30	7.20	1.831	0.0026	-2.5 to 2.5	Pass

				40	7.20	0.629	0.0009	-2.5 to 2.5	Pass
				50	7.20	1.216	0.0017	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	6.12	-0.715	-0.0011	-2.5 to 2.5	Pass
					7.20	-0.443	-0.0007	-2.5 to 2.5	Pass
					8.28	0.544	0.0008	-2.5 to 2.5	Pass
				-30	7.20	0.100	0.0002	-2.5 to 2.5	Pass
				-20	7.20	-0.157	-0.0002	-2.5 to 2.5	Pass
				-10	7.20	-0.286	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
				10	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				30	7.20	-0.758	-0.0011	-2.5 to 2.5	Pass
				40	7.20	-0.300	-0.0005	-2.5 to 2.5	Pass
				50	7.20	0.257	0.0004	-2.5 to 2.5	Pass
	680.5	25	0	20	6.12	-0.529	-0.0008	-2.5 to 2.5	Pass
					7.20	0.429	0.0006	-2.5 to 2.5	Pass
					8.28	-0.243	-0.0004	-2.5 to 2.5	Pass
				-30	7.20	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	7.20	-0.744	-0.0011	-2.5 to 2.5	Pass
				-10	7.20	0.529	0.0008	-2.5 to 2.5	Pass
				0	7.20	0.873	0.0013	-2.5 to 2.5	Pass
				10	7.20	1.431	0.0021	-2.5 to 2.5	Pass
				30	7.20	1.159	0.0017	-2.5 to 2.5	Pass
				40	7.20	1.416	0.0021	-2.5 to 2.5	Pass
				50	7.20	2.074	0.0030	-2.5 to 2.5	Pass
	695.5	25	0	20	6.12	0.730	0.0010	-2.5 to 2.5	Pass
					7.20	0.114	0.0002	-2.5 to 2.5	Pass
					8.28	0.072	0.0001	-2.5 to 2.5	Pass
				-30	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	-0.329	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	0.830	0.0012	-2.5 to 2.5	Pass
				0	7.20	-0.515	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-0.086	-0.0001	-2.5 to 2.5	Pass
				30	7.20	0.329	0.0005	-2.5 to 2.5	Pass
				40	7.20	0.358	0.0005	-2.5 to 2.5	Pass
				50	7.20	0.114	0.0002	-2.5 to 2.5	Pass
64QAM	665.5	25	0	20	6.12	0.057	0.0001	-2.5 to 2.5	Pass
					7.20	-0.415	-0.0006	-2.5 to 2.5	Pass
					8.28	-0.629	-0.0009	-2.5 to 2.5	Pass
				-30	7.20	-0.401	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	-0.558	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	-0.229	-0.0003	-2.5 to 2.5	Pass
				0	7.20	-0.830	-0.0012	-2.5 to 2.5	Pass
				10	7.20	-0.672	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-0.358	-0.0005	-2.5 to 2.5	Pass
				40	7.20	-0.844	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-1.287	-0.0019	-2.5 to 2.5	Pass
	680.5	25	0	20	6.12	1.602	0.0024	-2.5 to 2.5	Pass
					7.20	1.144	0.0017	-2.5 to 2.5	Pass
					8.28	1.030	0.0015	-2.5 to 2.5	Pass
				-30	7.20	1.931	0.0028	-2.5 to 2.5	Pass
				-20	7.20	2.046	0.0030	-2.5 to 2.5	Pass
				-10	7.20	3.090	0.0045	-2.5 to 2.5	Pass
				0	7.20	3.104	0.0046	-2.5 to 2.5	Pass
				10	7.20	2.861	0.0042	-2.5 to 2.5	Pass
				30	7.20	2.904	0.0043	-2.5 to 2.5	Pass
				40	7.20	3.347	0.0049	-2.5 to 2.5	Pass
				50	7.20	2.661	0.0039	-2.5 to 2.5	Pass
	695.5	25	0	20	6.12	-1.144	-0.0016	-2.5 to 2.5	Pass

					7.20	-0.873	-0.0013	-2.5 to 2.5	Pass
					8.28	-0.815	-0.0012	-2.5 to 2.5	Pass
				-30	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				-20	7.20	-0.787	-0.0011	-2.5 to 2.5	Pass
				-10	7.20	-0.730	-0.0010	-2.5 to 2.5	Pass
				0	7.20	-1.874	-0.0027	-2.5 to 2.5	Pass
				10	7.20	-1.159	-0.0017	-2.5 to 2.5	Pass
				30	7.20	-0.615	-0.0009	-2.5 to 2.5	Pass
				40	7.20	0.672	0.0010	-2.5 to 2.5	Pass
				50	7.20	-0.229	-0.0003	-2.5 to 2.5	Pass

2.2 B71_10MHz

2.2.1 Test Result

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	668	50	0	20	6.12	-0.658	-0.0010	-2.5 to 2.5	Pass
					7.20	0.315	0.0005	-2.5 to 2.5	Pass
					8.28	-0.372	-0.0006	-2.5 to 2.5	Pass
				-30	7.20	-0.129	-0.0002	-2.5 to 2.5	Pass
				-20	7.20	0.501	0.0008	-2.5 to 2.5	Pass
				-10	7.20	0.100	0.0001	-2.5 to 2.5	Pass
				0	7.20	0.086	0.0001	-2.5 to 2.5	Pass
				10	7.20	-1.316	-0.0020	-2.5 to 2.5	Pass
				30	7.20	-0.544	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-0.229	-0.0003	-2.5 to 2.5	Pass
				50	7.20	-1.330	-0.0020	-2.5 to 2.5	Pass
	680.5	50	0	20	6.12	-0.272	-0.0004	-2.5 to 2.5	Pass
					7.20	-0.443	-0.0007	-2.5 to 2.5	Pass
					8.28	-0.887	-0.0013	-2.5 to 2.5	Pass
				-30	7.20	-1.030	-0.0015	-2.5 to 2.5	Pass
				-20	7.20	0.501	0.0007	-2.5 to 2.5	Pass
				-10	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
				0	7.20	-0.372	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-0.086	-0.0001	-2.5 to 2.5	Pass
				30	7.20	-0.157	-0.0002	-2.5 to 2.5	Pass
				40	7.20	-0.844	-0.0012	-2.5 to 2.5	Pass
				50	7.20	-0.486	-0.0007	-2.5 to 2.5	Pass
	693	50	0	20	6.12	-0.329	-0.0005	-2.5 to 2.5	Pass
					7.20	-0.200	-0.0003	-2.5 to 2.5	Pass
					8.28	-0.587	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-0.443	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	0.100	0.0001	-2.5 to 2.5	Pass
				-10	7.20	-0.629	-0.0009	-2.5 to 2.5	Pass
				0	7.20	-0.515	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-0.615	-0.0009	-2.5 to 2.5	Pass
				30	7.20	0.000	0.0000	-2.5 to 2.5	Pass
				40	7.20	0.415	0.0006	-2.5 to 2.5	Pass
				50	7.20	0.172	0.0002	-2.5 to 2.5	Pass
16QAM	668	50	0	20	6.12	-0.801	-0.0012	-2.5 to 2.5	Pass
					7.20	-0.887	-0.0013	-2.5 to 2.5	Pass
					8.28	-0.987	-0.0015	-2.5 to 2.5	Pass
				-30	7.20	-0.887	-0.0013	-2.5 to 2.5	Pass

				-20	7.20	-1.359	-0.0020	-2.5 to 2.5	Pass
				-10	7.20	-1.416	-0.0021	-2.5 to 2.5	Pass
				0	7.20	-1.016	-0.0015	-2.5 to 2.5	Pass
				10	7.20	-1.259	-0.0019	-2.5 to 2.5	Pass
				30	7.20	-1.516	-0.0023	-2.5 to 2.5	Pass
				40	7.20	-0.916	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-1.287	-0.0019	-2.5 to 2.5	Pass
	680.5	50	0	20	6.12	-0.558	-0.0008	-2.5 to 2.5	Pass
					7.20	-0.229	-0.0003	-2.5 to 2.5	Pass
					8.28	-0.958	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-1.359	-0.0020	-2.5 to 2.5	Pass
				-20	7.20	-1.187	-0.0017	-2.5 to 2.5	Pass
				-10	7.20	-0.429	-0.0006	-2.5 to 2.5	Pass
				0	7.20	-0.129	-0.0002	-2.5 to 2.5	Pass
				10	7.20	-0.014	0.0000	-2.5 to 2.5	Pass
				30	7.20	-0.587	-0.0009	-2.5 to 2.5	Pass
				40	7.20	-0.358	-0.0005	-2.5 to 2.5	Pass
				50	7.20	-0.415	-0.0006	-2.5 to 2.5	Pass
	693	50	0	20	6.12	-1.602	-0.0023	-2.5 to 2.5	Pass
					7.20	-1.702	-0.0025	-2.5 to 2.5	Pass
					8.28	0.086	0.0001	-2.5 to 2.5	Pass
				-30	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				-20	7.20	-0.572	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	-0.315	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-0.200	-0.0003	-2.5 to 2.5	Pass
				10	7.20	-0.987	-0.0014	-2.5 to 2.5	Pass
				30	7.20	-1.044	-0.0015	-2.5 to 2.5	Pass
				40	7.20	0.014	0.0000	-2.5 to 2.5	Pass
				50	7.20	-1.116	-0.0016	-2.5 to 2.5	Pass
64QAM	668	50	0	20	6.12	-0.615	-0.0009	-2.5 to 2.5	Pass
					7.20	-0.958	-0.0014	-2.5 to 2.5	Pass
					8.28	-0.572	-0.0009	-2.5 to 2.5	Pass
				-30	7.20	-0.758	-0.0011	-2.5 to 2.5	Pass
				-20	7.20	-0.830	-0.0012	-2.5 to 2.5	Pass
				-10	7.20	-0.901	-0.0013	-2.5 to 2.5	Pass
				0	7.20	-0.715	-0.0011	-2.5 to 2.5	Pass
				10	7.20	-0.958	-0.0014	-2.5 to 2.5	Pass
				30	7.20	-0.744	-0.0011	-2.5 to 2.5	Pass
				40	7.20	-0.443	-0.0007	-2.5 to 2.5	Pass
				50	7.20	-0.801	-0.0012	-2.5 to 2.5	Pass
	680.5	50	0	20	6.12	-1.245	-0.0018	-2.5 to 2.5	Pass
					7.20	-1.273	-0.0019	-2.5 to 2.5	Pass
					8.28	-0.944	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-0.315	-0.0005	-2.5 to 2.5	Pass
				-20	7.20	-0.973	-0.0014	-2.5 to 2.5	Pass
				-10	7.20	-1.030	-0.0015	-2.5 to 2.5	Pass
				0	7.20	-0.572	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-1.316	-0.0019	-2.5 to 2.5	Pass
				30	7.20	-1.545	-0.0023	-2.5 to 2.5	Pass
				40	7.20	-1.945	-0.0029	-2.5 to 2.5	Pass
				50	7.20	-1.631	-0.0024	-2.5 to 2.5	Pass
	693	50	0	20	6.12	-0.415	-0.0006	-2.5 to 2.5	Pass
					7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
					8.28	-0.944	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-1.259	-0.0018	-2.5 to 2.5	Pass
				-20	7.20	-0.916	-0.0013	-2.5 to 2.5	Pass
				-10	7.20	-0.987	-0.0014	-2.5 to 2.5	Pass
				0	7.20	-0.730	-0.0011	-2.5 to 2.5	Pass

				10	7.20	-1.302	-0.0019	-2.5 to 2.5	Pass
				30	7.20	-0.844	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-1.788	-0.0026	-2.5 to 2.5	Pass
				50	7.20	-0.815	-0.0012	-2.5 to 2.5	Pass

2.3 B71_15MHz

2.3.1 Test Result

Band: 71 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	670.5	75	0	20	6.12	0.029	0.0000	-2.5 to 2.5	Pass
					7.20	0.200	0.0003	-2.5 to 2.5	Pass
					8.28	0.172	0.0003	-2.5 to 2.5	Pass
				-30	7.20	-0.615	-0.0009	-2.5 to 2.5	Pass
				-20	7.20	-0.658	-0.0010	-2.5 to 2.5	Pass
				-10	7.20	-1.259	-0.0019	-2.5 to 2.5	Pass
				0	7.20	-0.472	-0.0007	-2.5 to 2.5	Pass
				10	7.20	-0.458	-0.0007	-2.5 to 2.5	Pass
				30	7.20	0.229	0.0003	-2.5 to 2.5	Pass
				40	7.20	-1.116	-0.0017	-2.5 to 2.5	Pass
				50	7.20	-0.472	-0.0007	-2.5 to 2.5	Pass
	680.5	75	0	20	6.12	-0.672	-0.0010	-2.5 to 2.5	Pass
					7.20	-1.287	-0.0019	-2.5 to 2.5	Pass
					8.28	-1.931	-0.0028	-2.5 to 2.5	Pass
				-30	7.20	-1.903	-0.0028	-2.5 to 2.5	Pass
				-20	7.20	-1.187	-0.0017	-2.5 to 2.5	Pass
				-10	7.20	-1.273	-0.0019	-2.5 to 2.5	Pass
				0	7.20	-1.545	-0.0023	-2.5 to 2.5	Pass
				10	7.20	-1.502	-0.0022	-2.5 to 2.5	Pass
				30	7.20	-1.130	-0.0017	-2.5 to 2.5	Pass
				40	7.20	-1.488	-0.0022	-2.5 to 2.5	Pass
				50	7.20	-0.730	-0.0011	-2.5 to 2.5	Pass
	690.5	75	0	20	6.12	-1.202	-0.0017	-2.5 to 2.5	Pass
					7.20	-1.559	-0.0023	-2.5 to 2.5	Pass
					8.28	-0.472	-0.0007	-2.5 to 2.5	Pass
				-30	7.20	-1.373	-0.0020	-2.5 to 2.5	Pass
				-20	7.20	-1.559	-0.0023	-2.5 to 2.5	Pass
				-10	7.20	-1.230	-0.0018	-2.5 to 2.5	Pass
				0	7.20	-0.629	-0.0009	-2.5 to 2.5	Pass
				10	7.20	-1.259	-0.0018	-2.5 to 2.5	Pass
				30	7.20	-0.215	-0.0003	-2.5 to 2.5	Pass
				40	7.20	0.143	0.0002	-2.5 to 2.5	Pass
				50	7.20	-0.958	-0.0014	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	6.12	-0.186	-0.0003	-2.5 to 2.5	Pass
					7.20	-0.401	-0.0006	-2.5 to 2.5	Pass
					8.28	0.057	0.0001	-2.5 to 2.5	Pass
				-30	7.20	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	7.20	-0.072	-0.0001	-2.5 to 2.5	Pass
				-10	7.20	-0.701	-0.0010	-2.5 to 2.5	Pass
				0	7.20	-1.388	-0.0021	-2.5 to 2.5	Pass
				10	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				30	7.20	-0.186	-0.0003	-2.5 to 2.5	Pass
				40	7.20	-0.057	-0.0001	-2.5 to 2.5	Pass

				50	7.20	-0.629	-0.0009	-2.5 to 2.5	Pass
	680.5	75	0	20	6.12	-1.202	-0.0018	-2.5 to 2.5	Pass
					7.20	-2.232	-0.0033	-2.5 to 2.5	Pass
					8.28	-1.516	-0.0022	-2.5 to 2.5	Pass
				-30	7.20	-1.044	-0.0015	-2.5 to 2.5	Pass
				-20	7.20	-1.645	-0.0024	-2.5 to 2.5	Pass
				-10	7.20	-1.073	-0.0016	-2.5 to 2.5	Pass
				0	7.20	-1.645	-0.0024	-2.5 to 2.5	Pass
				10	7.20	-1.216	-0.0018	-2.5 to 2.5	Pass
				30	7.20	-1.545	-0.0023	-2.5 to 2.5	Pass
				40	7.20	-1.402	-0.0021	-2.5 to 2.5	Pass
				50	7.20	-1.960	-0.0029	-2.5 to 2.5	Pass
	690.5	75	0	20	6.12	-0.672	-0.0010	-2.5 to 2.5	Pass
					7.20	-0.501	-0.0007	-2.5 to 2.5	Pass
					8.28	-0.701	-0.0010	-2.5 to 2.5	Pass
				-30	7.20	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	7.20	0.000	0.0000	-2.5 to 2.5	Pass
				-10	7.20	-0.458	-0.0007	-2.5 to 2.5	Pass
				0	7.20	-0.272	-0.0004	-2.5 to 2.5	Pass
				10	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				30	7.20	-0.229	-0.0003	-2.5 to 2.5	Pass
				40	7.20	-0.229	-0.0003	-2.5 to 2.5	Pass
				50	7.20	-0.515	-0.0007	-2.5 to 2.5	Pass
64QAM	670.5	75	0	20	6.12	-0.300	-0.0004	-2.5 to 2.5	Pass
					7.20	-0.300	-0.0004	-2.5 to 2.5	Pass
					8.28	-0.529	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-1.044	-0.0016	-2.5 to 2.5	Pass
				-20	7.20	-0.629	-0.0009	-2.5 to 2.5	Pass
				-10	7.20	-0.730	-0.0011	-2.5 to 2.5	Pass
				0	7.20	-1.259	-0.0019	-2.5 to 2.5	Pass
				10	7.20	-1.545	-0.0023	-2.5 to 2.5	Pass
				30	7.20	-0.858	-0.0013	-2.5 to 2.5	Pass
				40	7.20	-1.287	-0.0019	-2.5 to 2.5	Pass
				50	7.20	-0.973	-0.0015	-2.5 to 2.5	Pass
	680.5	75	0	20	6.12	-1.502	-0.0022	-2.5 to 2.5	Pass
					7.20	-0.958	-0.0014	-2.5 to 2.5	Pass
					8.28	-1.445	-0.0021	-2.5 to 2.5	Pass
				-30	7.20	-0.629	-0.0009	-2.5 to 2.5	Pass
				-20	7.20	-0.143	-0.0002	-2.5 to 2.5	Pass
				-10	7.20	-0.343	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-1.030	-0.0015	-2.5 to 2.5	Pass
				10	7.20	-0.329	-0.0005	-2.5 to 2.5	Pass
				30	7.20	-1.101	-0.0016	-2.5 to 2.5	Pass
				40	7.20	-1.431	-0.0021	-2.5 to 2.5	Pass
				50	7.20	-0.887	-0.0013	-2.5 to 2.5	Pass
	690.5	75	0	20	6.12	-1.330	-0.0019	-2.5 to 2.5	Pass
					7.20	-1.159	-0.0017	-2.5 to 2.5	Pass
					8.28	-0.587	-0.0009	-2.5 to 2.5	Pass
				-30	7.20	-0.801	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-0.157	-0.0002	-2.5 to 2.5	Pass
				-10	7.20	-0.830	-0.0012	-2.5 to 2.5	Pass
				0	7.20	-0.901	-0.0013	-2.5 to 2.5	Pass
				10	7.20	-0.715	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-0.315	-0.0005	-2.5 to 2.5	Pass
				40	7.20	-0.873	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-1.073	-0.0016	-2.5 to 2.5	Pass

2.4 B71_20MHz

2.4.1 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	6.12	-1.159	-0.0017	-2.5 to 2.5	Pass
					7.20	-0.372	-0.0006	-2.5 to 2.5	Pass
					8.28	-0.873	-0.0013	-2.5 to 2.5	Pass
				-30	7.20	-0.830	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	7.20	0.257	0.0004	-2.5 to 2.5	Pass
				10	7.20	-1.144	-0.0017	-2.5 to 2.5	Pass
				30	7.20	-0.443	-0.0007	-2.5 to 2.5	Pass
				40	7.20	-0.429	-0.0006	-2.5 to 2.5	Pass
				50	7.20	-1.144	-0.0017	-2.5 to 2.5	Pass
	683	100	0	20	6.12	-0.958	-0.0014	-2.5 to 2.5	Pass
					7.20	-1.173	-0.0017	-2.5 to 2.5	Pass
					8.28	-0.730	-0.0011	-2.5 to 2.5	Pass
				-30	7.20	-1.116	-0.0016	-2.5 to 2.5	Pass
				-20	7.20	-1.202	-0.0018	-2.5 to 2.5	Pass
				-10	7.20	-1.874	-0.0027	-2.5 to 2.5	Pass
				0	7.20	-2.131	-0.0031	-2.5 to 2.5	Pass
				10	7.20	-1.059	-0.0016	-2.5 to 2.5	Pass
				30	7.20	-1.631	-0.0024	-2.5 to 2.5	Pass
				40	7.20	-1.731	-0.0025	-2.5 to 2.5	Pass
				50	7.20	-2.117	-0.0031	-2.5 to 2.5	Pass
	688	100	0	20	6.12	-1.245	-0.0018	-2.5 to 2.5	Pass
					7.20	-0.758	-0.0011	-2.5 to 2.5	Pass
					8.28	-1.144	-0.0017	-2.5 to 2.5	Pass
				-30	7.20	-0.944	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	-1.144	-0.0017	-2.5 to 2.5	Pass
				-10	7.20	-1.202	-0.0017	-2.5 to 2.5	Pass
				0	7.20	-0.358	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-0.601	-0.0009	-2.5 to 2.5	Pass
				30	7.20	-0.958	-0.0014	-2.5 to 2.5	Pass
				40	7.20	-0.944	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-1.202	-0.0017	-2.5 to 2.5	Pass
16QAM	673	100	0	20	6.12	-1.416	-0.0021	-2.5 to 2.5	Pass
					7.20	-0.944	-0.0014	-2.5 to 2.5	Pass
					8.28	-0.544	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-0.916	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	-1.159	-0.0017	-2.5 to 2.5	Pass
				-10	7.20	-1.044	-0.0016	-2.5 to 2.5	Pass
				0	7.20	-1.216	-0.0018	-2.5 to 2.5	Pass
				10	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
				30	7.20	-0.572	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-0.443	-0.0007	-2.5 to 2.5	Pass
				50	7.20	-0.429	-0.0006	-2.5 to 2.5	Pass
	683	100	0	20	6.12	-1.645	-0.0024	-2.5 to 2.5	Pass
					7.20	-1.488	-0.0022	-2.5 to 2.5	Pass
					8.28	-1.745	-0.0026	-2.5 to 2.5	Pass
				-30	7.20	-1.888	-0.0028	-2.5 to 2.5	Pass
				-20	7.20	-2.317	-0.0034	-2.5 to 2.5	Pass
				-10	7.20	-1.130	-0.0017	-2.5 to 2.5	Pass

				0	7.20	-2.360	-0.0035	-2.5 to 2.5	Pass
				10	7.20	-1.731	-0.0025	-2.5 to 2.5	Pass
				30	7.20	-1.516	-0.0022	-2.5 to 2.5	Pass
				40	7.20	-1.373	-0.0020	-2.5 to 2.5	Pass
				50	7.20	-1.831	-0.0027	-2.5 to 2.5	Pass
	688	100	0	20	6.12	-1.316	-0.0019	-2.5 to 2.5	Pass
					7.20	-1.316	-0.0019	-2.5 to 2.5	Pass
					8.28	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	7.20	-0.615	-0.0009	-2.5 to 2.5	Pass
				-20	7.20	-0.758	-0.0011	-2.5 to 2.5	Pass
				-10	7.20	-1.273	-0.0019	-2.5 to 2.5	Pass
				0	7.20	-0.358	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-0.572	-0.0008	-2.5 to 2.5	Pass
				30	7.20	-0.143	-0.0002	-2.5 to 2.5	Pass
				40	7.20	-0.901	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
64QAM	673	100	0	20	6.12	-1.059	-0.0016	-2.5 to 2.5	Pass
					7.20	-0.443	-0.0007	-2.5 to 2.5	Pass
					8.28	-0.844	-0.0013	-2.5 to 2.5	Pass
				-30	7.20	-1.373	-0.0020	-2.5 to 2.5	Pass
				-20	7.20	-1.602	-0.0024	-2.5 to 2.5	Pass
				-10	7.20	-0.343	-0.0005	-2.5 to 2.5	Pass
				0	7.20	0.029	0.0000	-2.5 to 2.5	Pass
				10	7.20	-0.672	-0.0010	-2.5 to 2.5	Pass
				30	7.20	-0.687	-0.0010	-2.5 to 2.5	Pass
				40	7.20	-0.973	-0.0014	-2.5 to 2.5	Pass
				50	7.20	-0.587	-0.0009	-2.5 to 2.5	Pass
	683	100	0	20	6.12	-0.815	-0.0012	-2.5 to 2.5	Pass
					7.20	-1.330	-0.0019	-2.5 to 2.5	Pass
					8.28	-1.216	-0.0018	-2.5 to 2.5	Pass
				-30	7.20	-0.830	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-1.774	-0.0026	-2.5 to 2.5	Pass
				-10	7.20	-0.830	-0.0012	-2.5 to 2.5	Pass
				0	7.20	-0.329	-0.0005	-2.5 to 2.5	Pass
				10	7.20	-1.087	-0.0016	-2.5 to 2.5	Pass
				30	7.20	-0.086	-0.0001	-2.5 to 2.5	Pass
				40	7.20	-1.173	-0.0017	-2.5 to 2.5	Pass
				50	7.20	-1.760	-0.0026	-2.5 to 2.5	Pass
	688	100	0	20	6.12	-0.758	-0.0011	-2.5 to 2.5	Pass
					7.20	-0.572	-0.0008	-2.5 to 2.5	Pass
					8.28	-0.372	-0.0005	-2.5 to 2.5	Pass
				-30	7.20	-0.772	-0.0011	-2.5 to 2.5	Pass
				-20	7.20	0.443	0.0006	-2.5 to 2.5	Pass
				-10	7.20	-1.774	-0.0026	-2.5 to 2.5	Pass
				0	7.20	-0.529	-0.0008	-2.5 to 2.5	Pass
				10	7.20	-0.587	-0.0009	-2.5 to 2.5	Pass
				30	7.20	-1.431	-0.0021	-2.5 to 2.5	Pass
				40	7.20	-0.629	-0.0009	-2.5 to 2.5	Pass
				50	7.20	-0.286	-0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

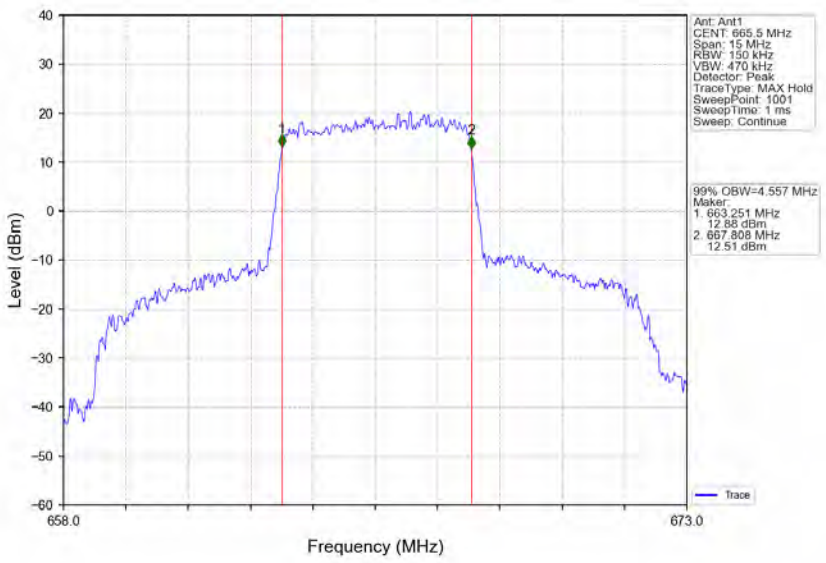
3.1 Band71_OBW

3.1.1 Test Result

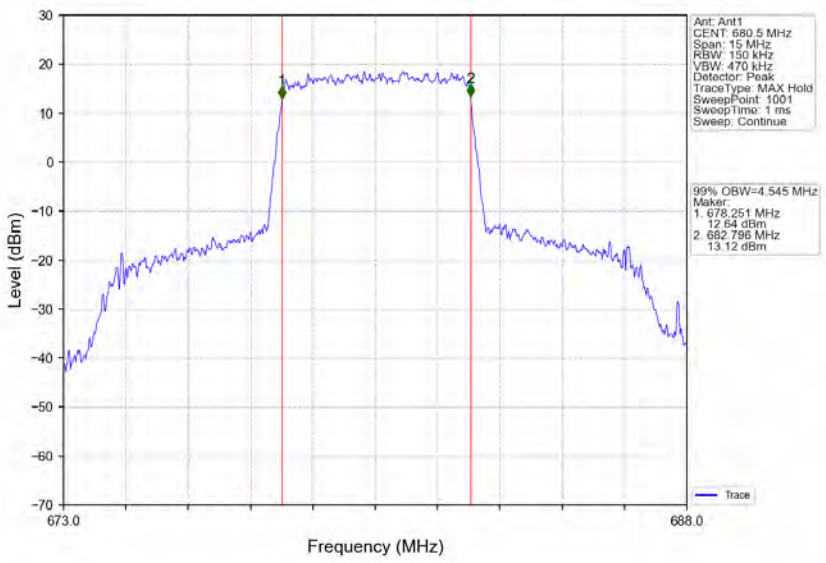
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.557	/	Pass
		680.5	25	0	4.545	/	Pass
		695.5	25	0	4.543	/	Pass
	16QAM	665.5	25	0	4.546	/	Pass
		680.5	25	0	4.562	/	Pass
		695.5	25	0	4.560	/	Pass
	64QAM	665.5	25	0	4.537	/	Pass
		680.5	25	0	4.539	/	Pass
		695.5	25	0	4.542	/	Pass
10	QPSK	668	50	0	9.031	/	Pass
		680.5	50	0	9.050	/	Pass
		693	50	0	9.047	/	Pass
	16QAM	668	50	0	9.024	/	Pass
		680.5	50	0	9.031	/	Pass
		693	50	0	9.008	/	Pass
	64QAM	668	50	0	8.988	/	Pass
		680.5	50	0	9.026	/	Pass
		693	50	0	9.017	/	Pass
15	QPSK	670.5	75	0	13.512	/	Pass
		680.5	75	0	13.522	/	Pass
		690.5	75	0	13.483	/	Pass
	16QAM	670.5	75	0	13.501	/	Pass
		680.5	75	0	13.544	/	Pass
		690.5	75	0	13.506	/	Pass
	64QAM	670.5	75	0	13.478	/	Pass
		680.5	75	0	13.590	/	Pass
		690.5	75	0	13.529	/	Pass
20	QPSK	673	100	0	17.995	/	Pass
		683	100	0	18.045	/	Pass
		688	100	0	17.920	/	Pass
	16QAM	673	100	0	17.981	/	Pass
		683	100	0	18.000	/	Pass
		688	100	0	17.962	/	Pass
	64QAM	673	100	0	17.957	/	Pass
		683	100	0	18.042	/	Pass
		688	100	0	17.933	/	Pass

3.1.2 Test Graph

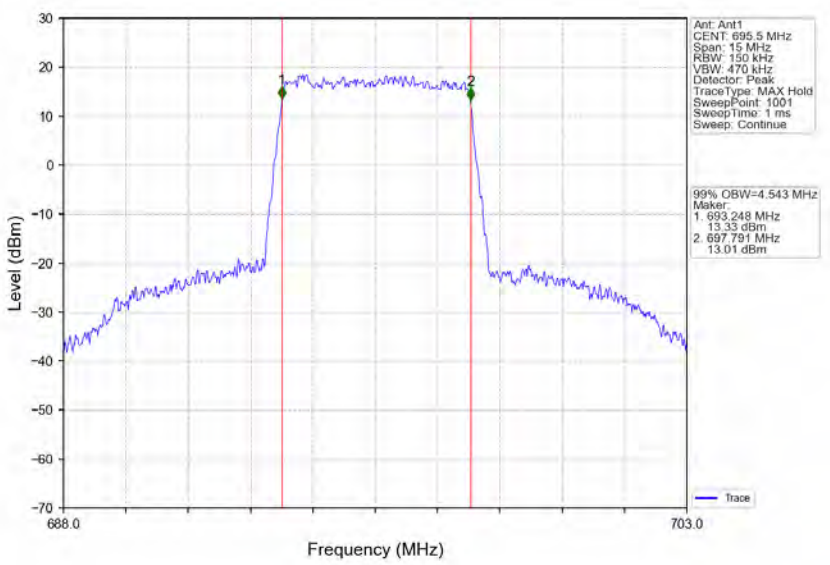
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



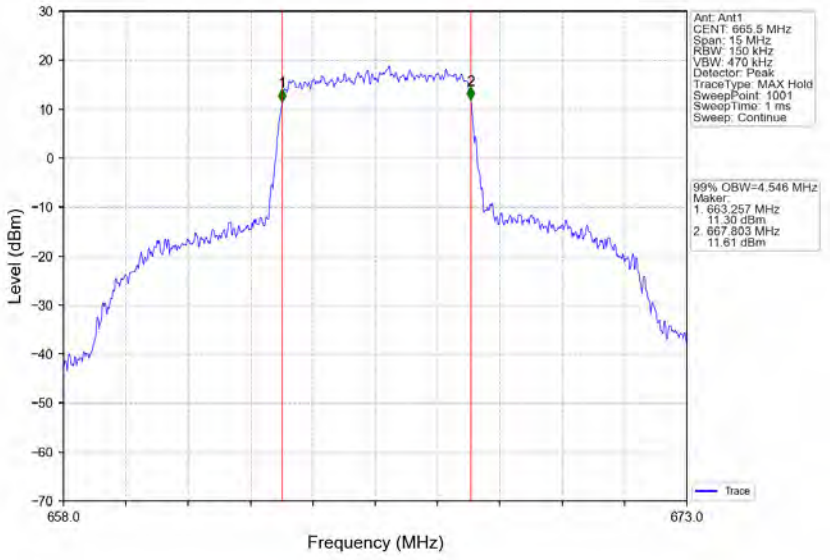
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



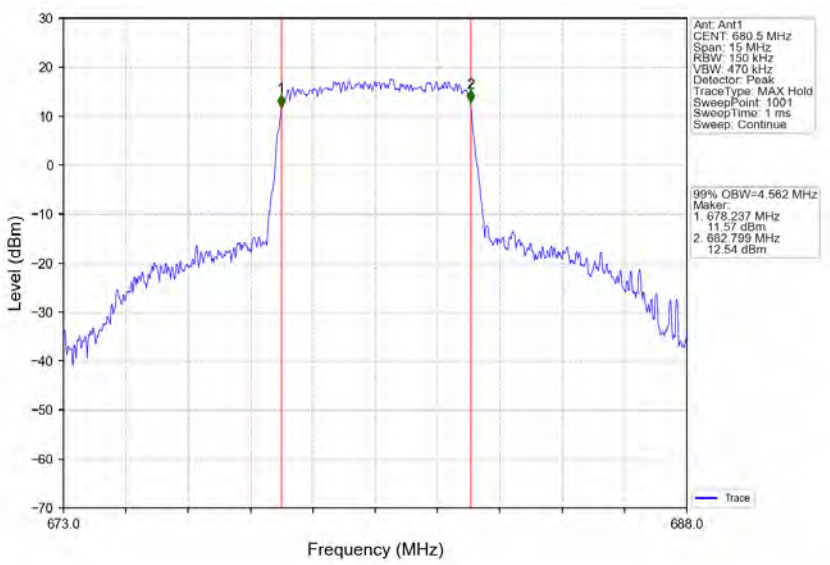
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



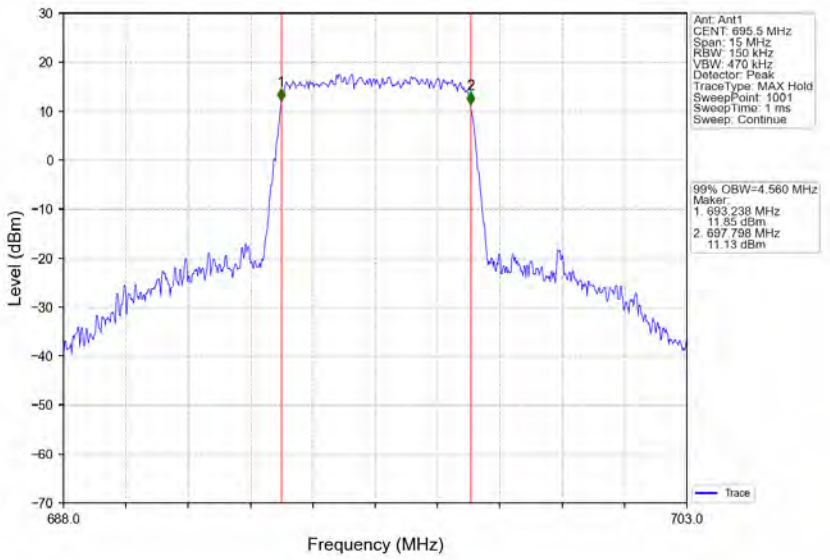
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



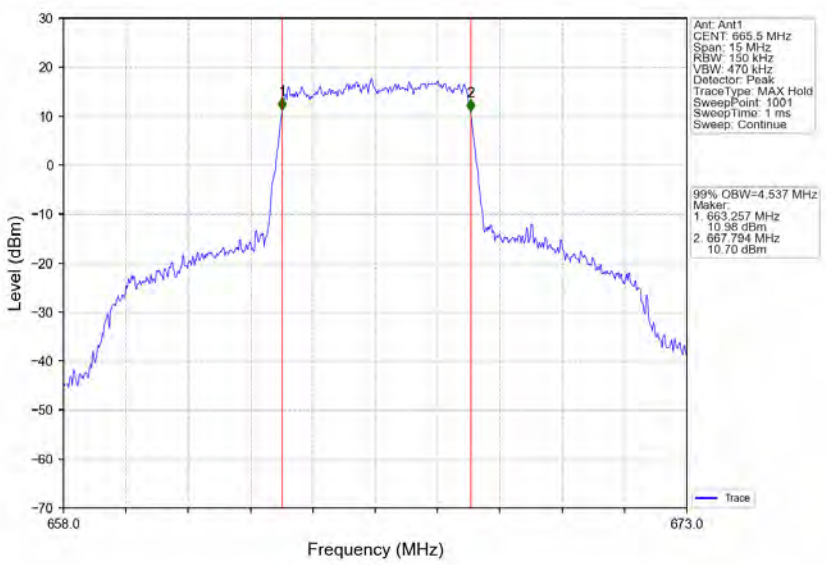
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



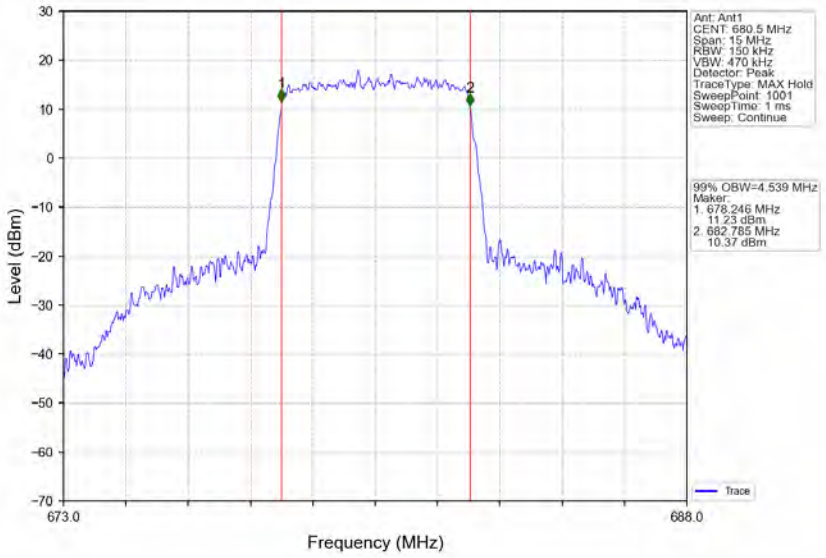
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



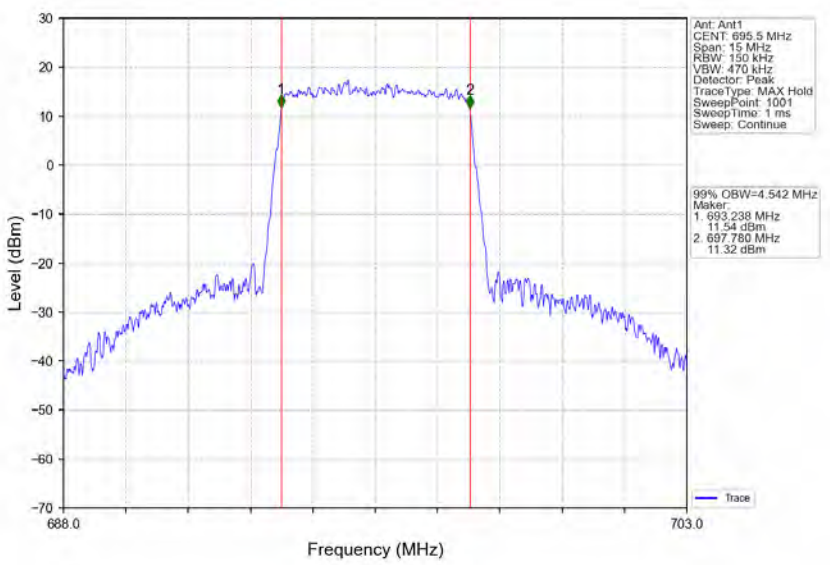
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



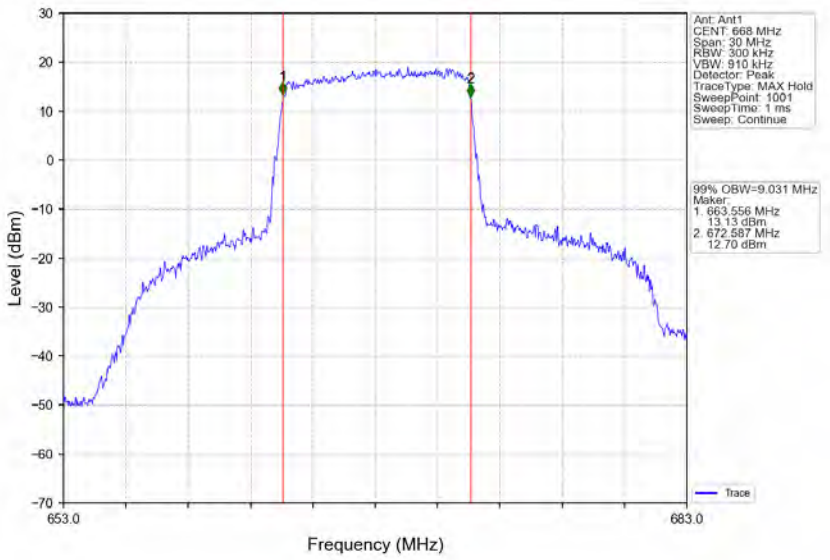
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



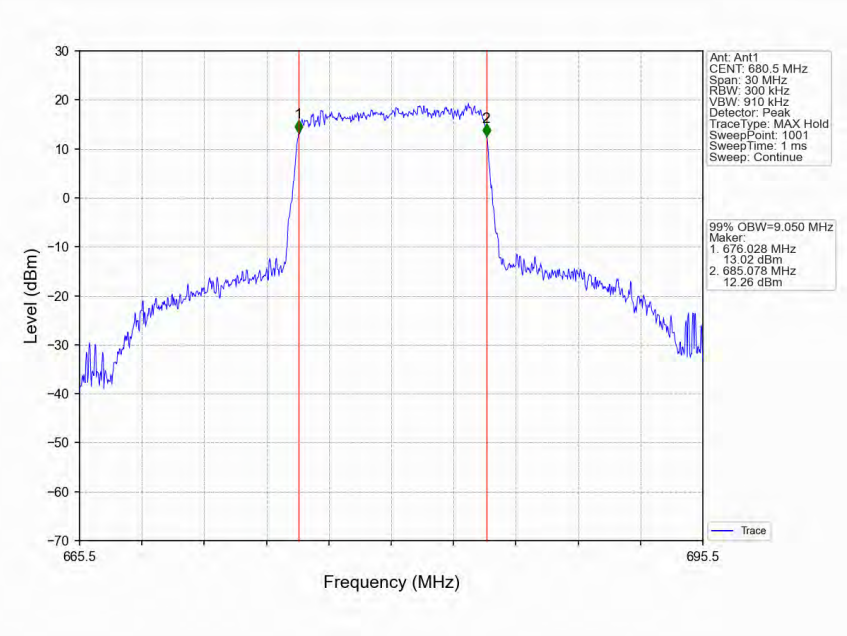
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



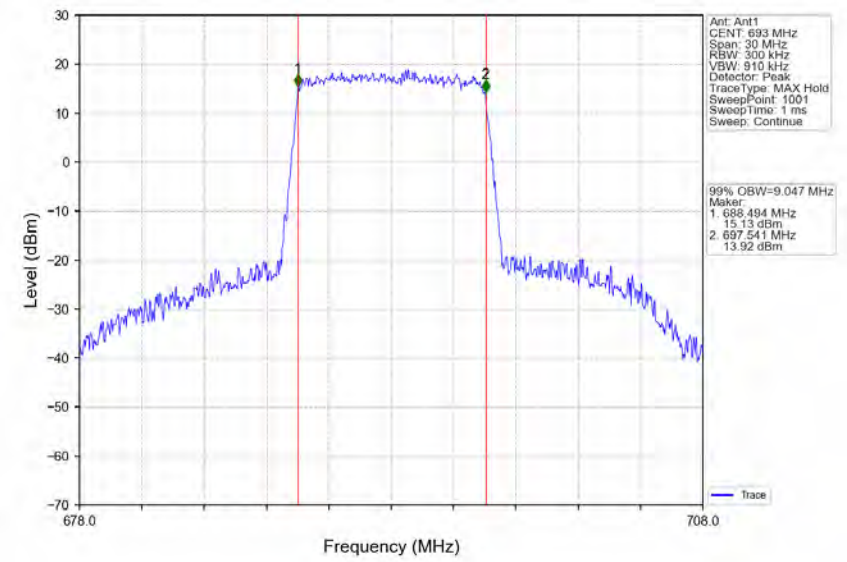
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



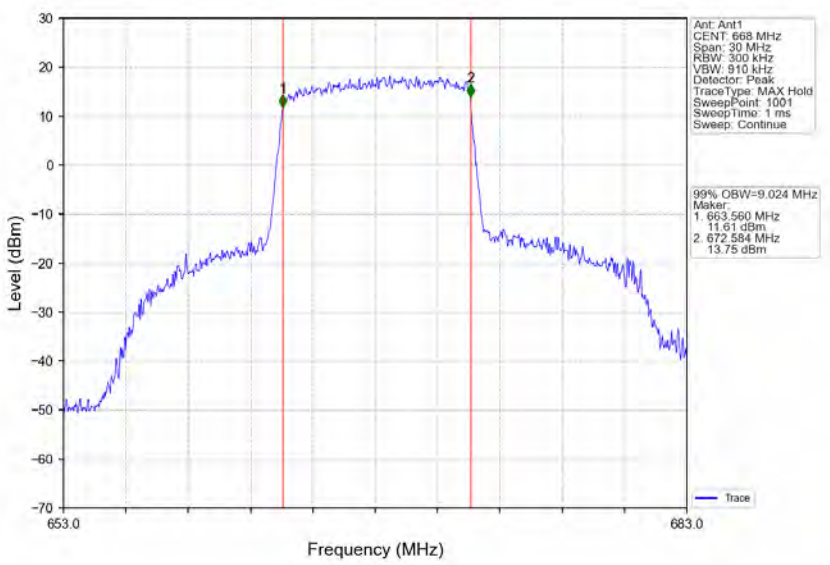
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



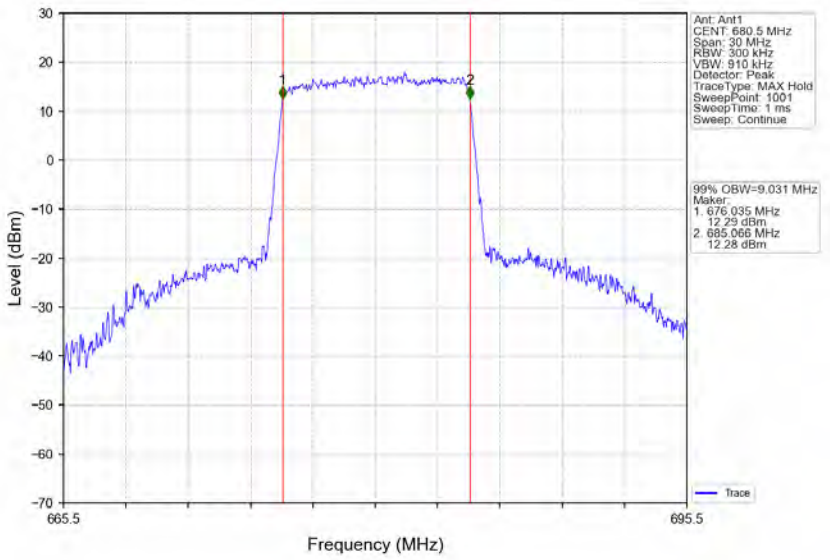
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



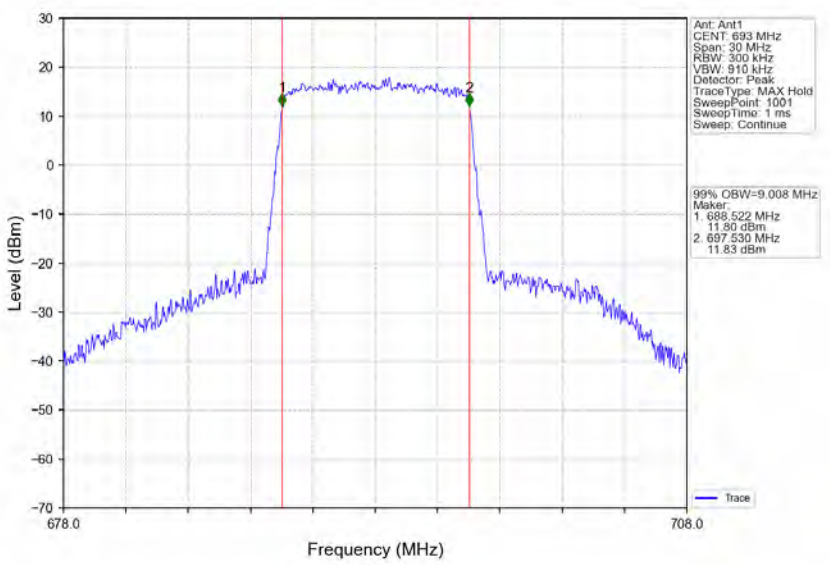
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



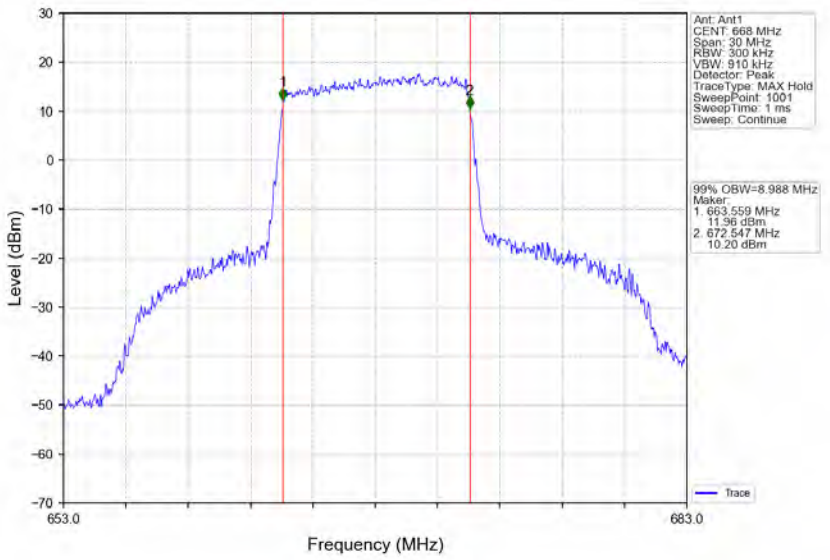
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



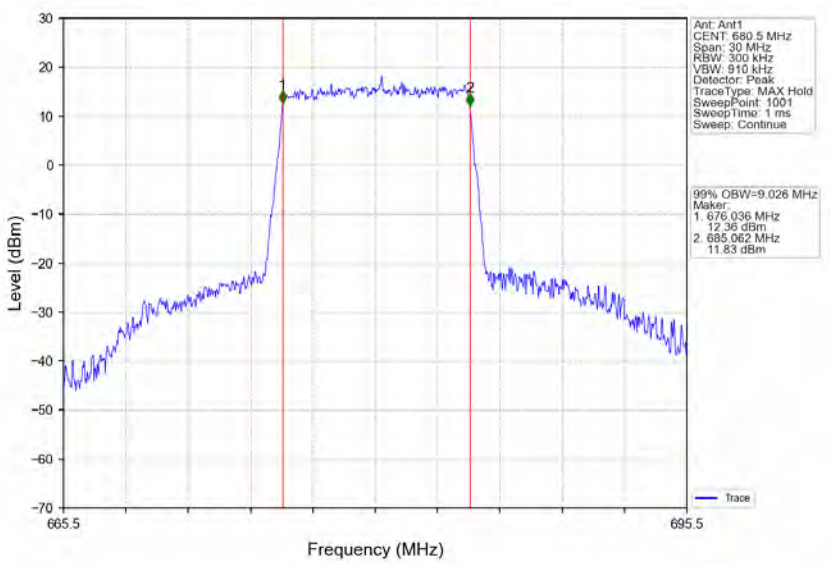
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



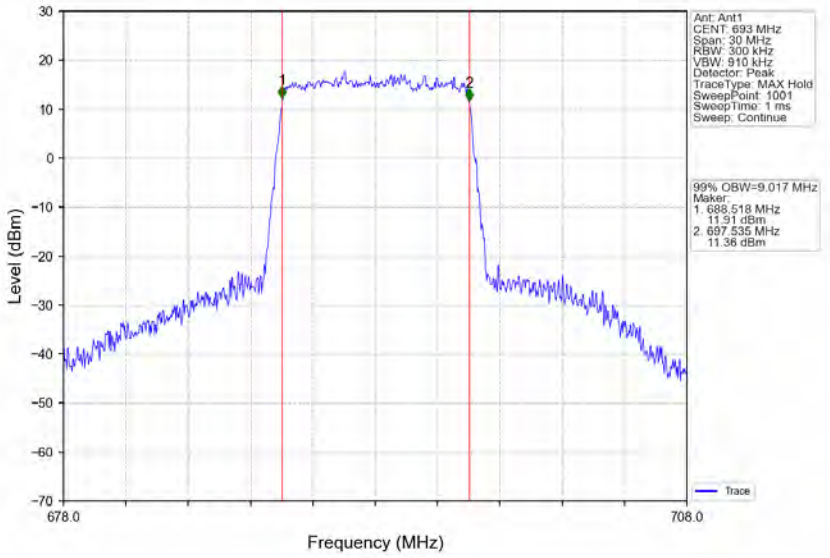
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



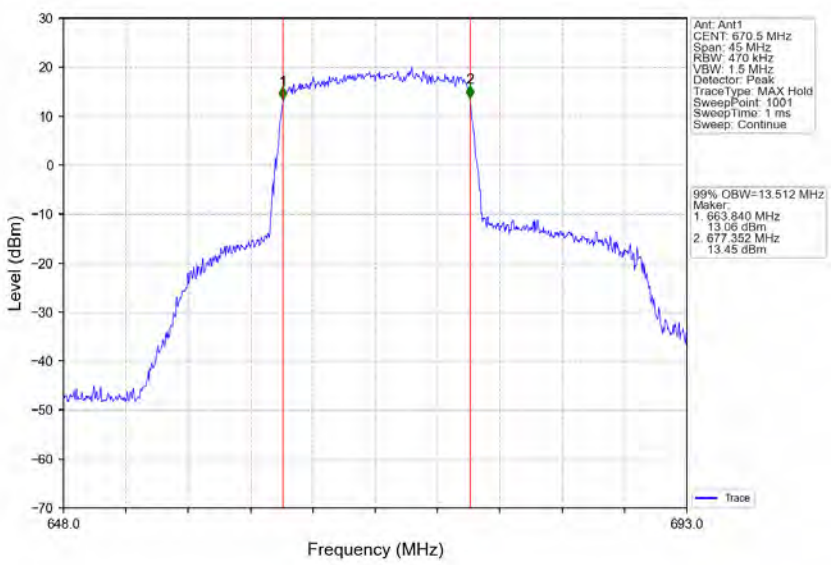
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



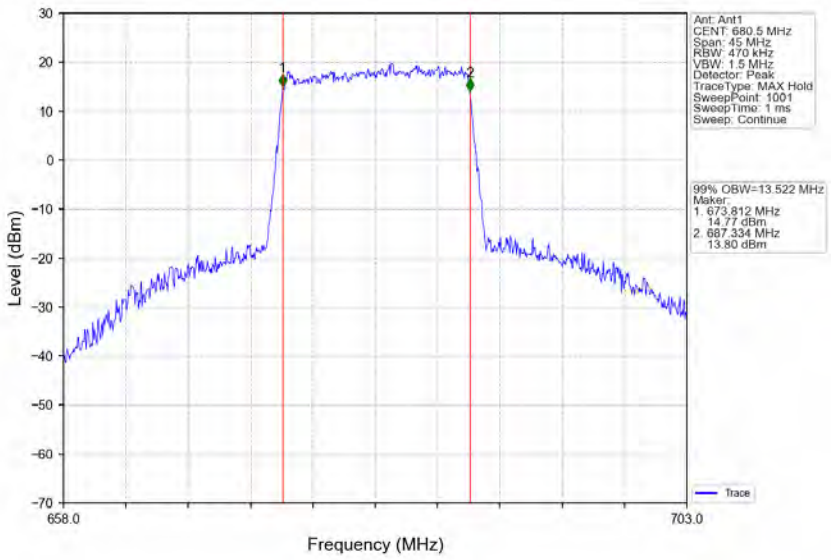
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



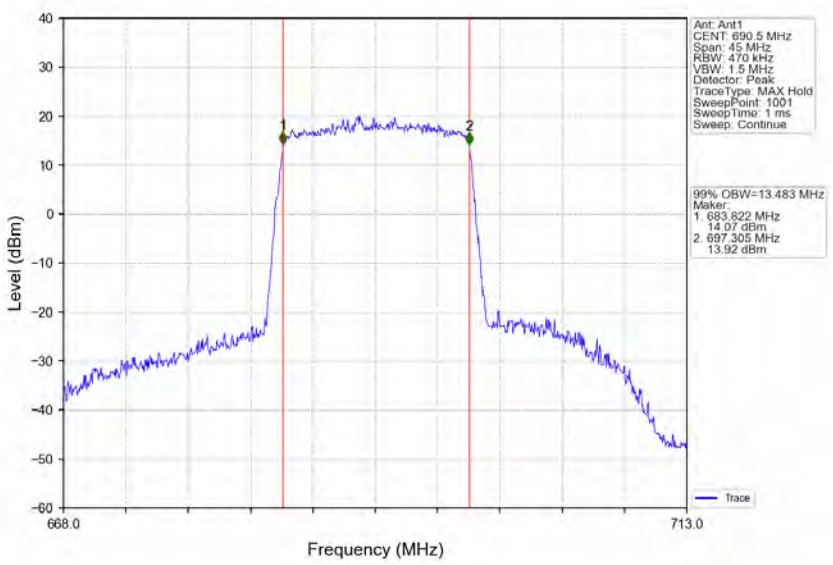
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



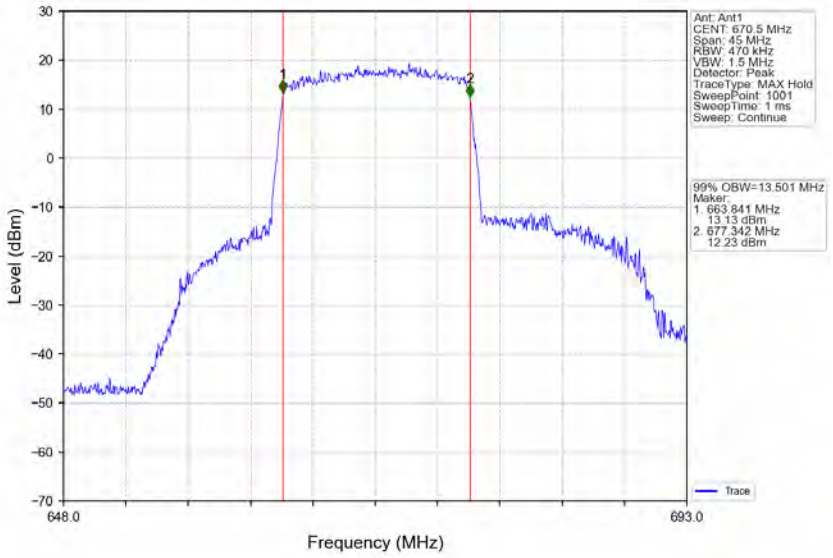
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



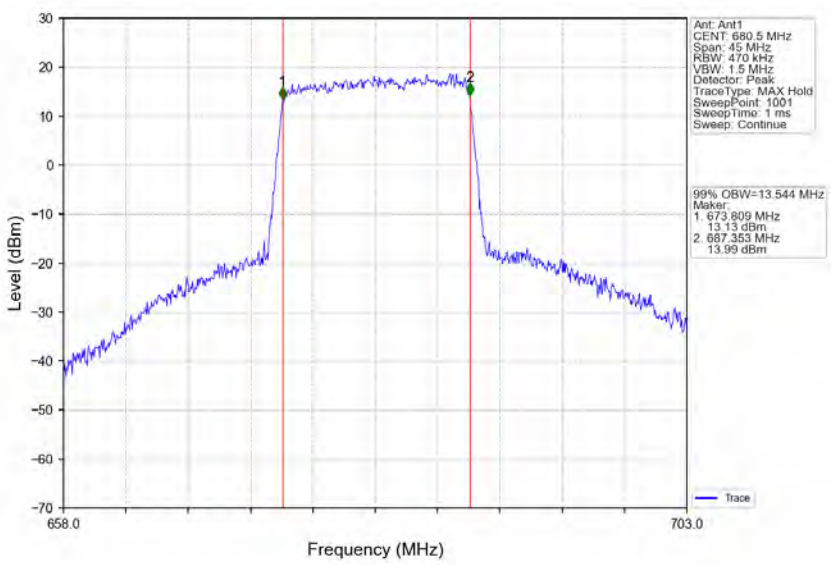
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



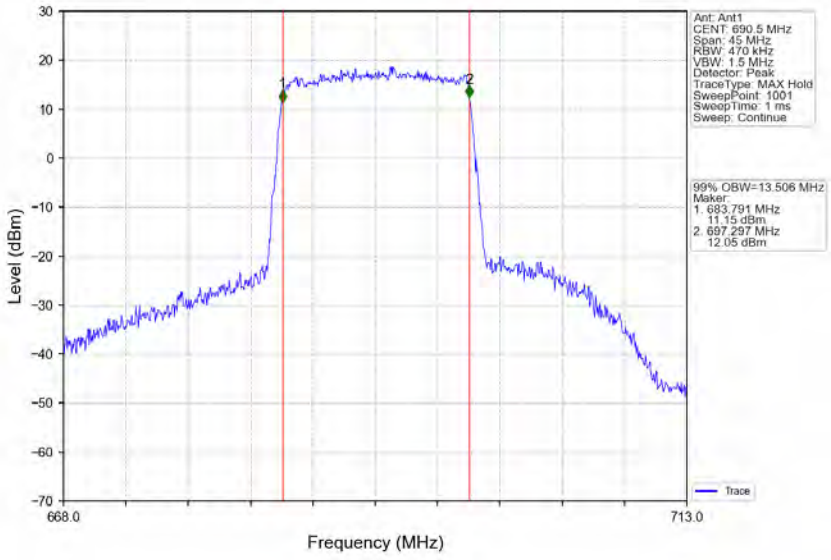
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



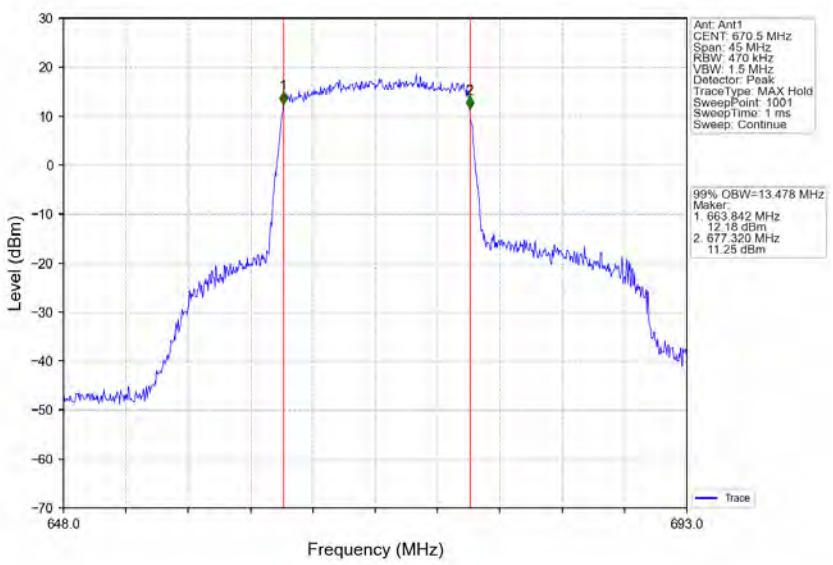
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



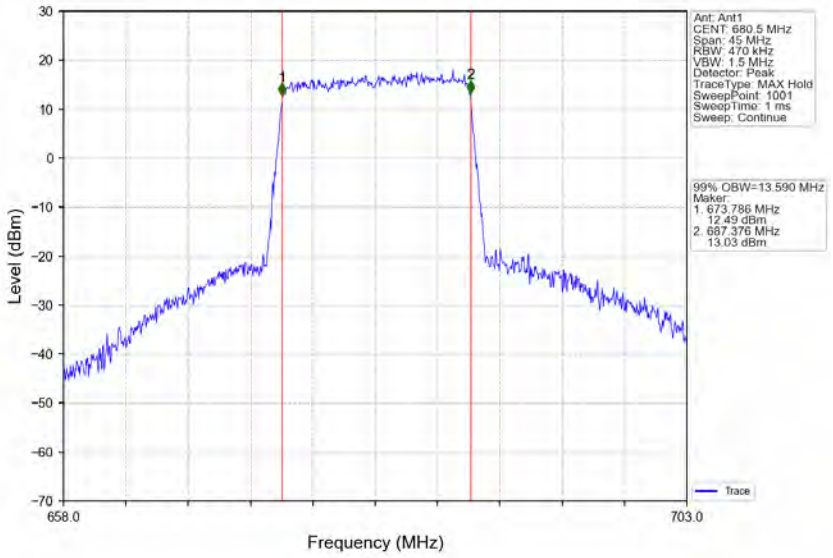
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



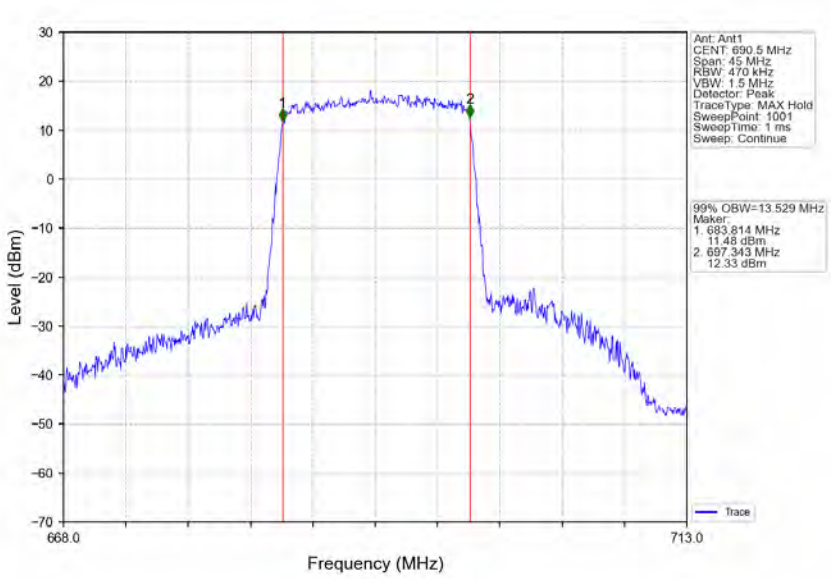
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



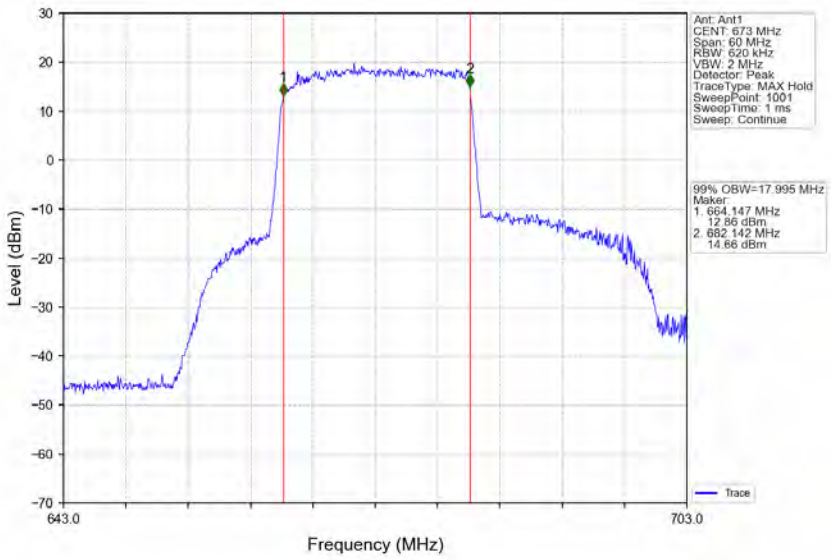
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



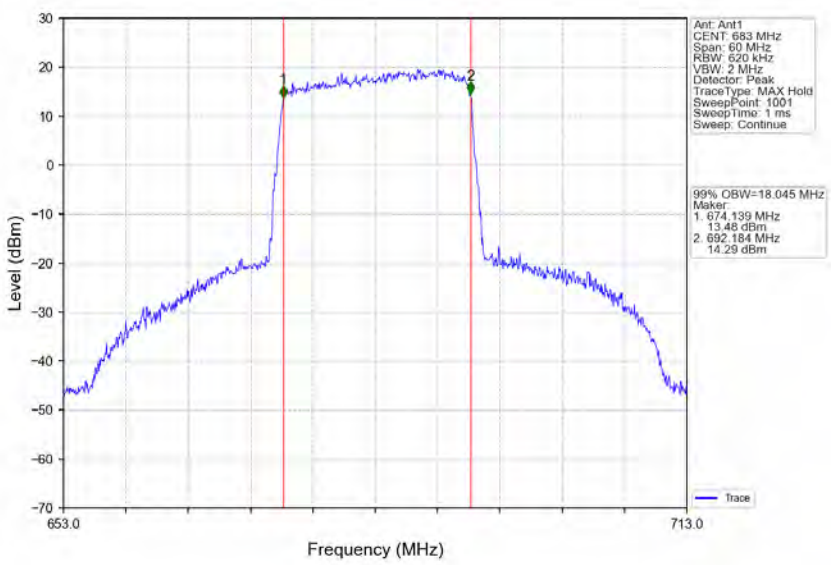
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



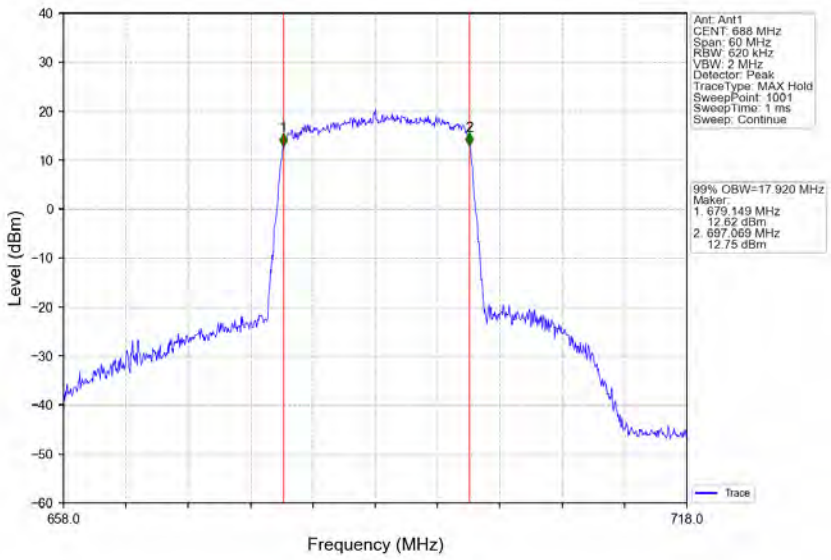
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



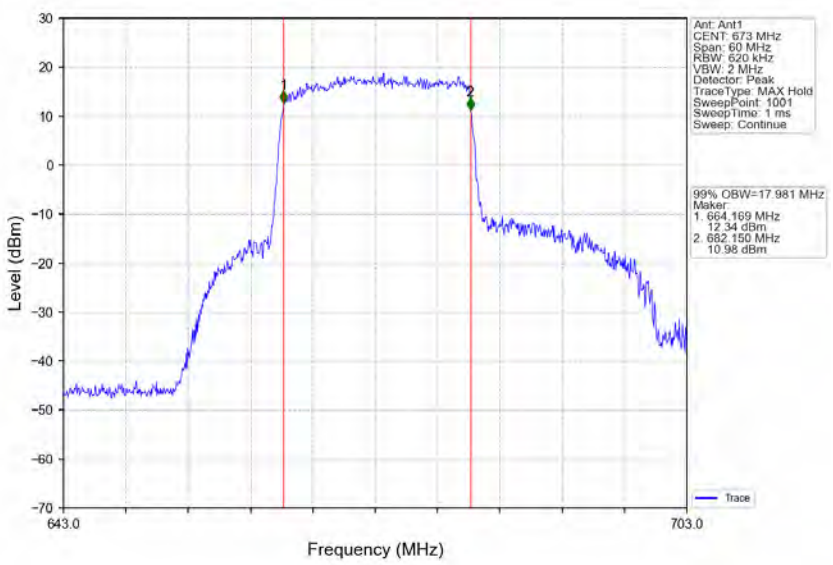
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



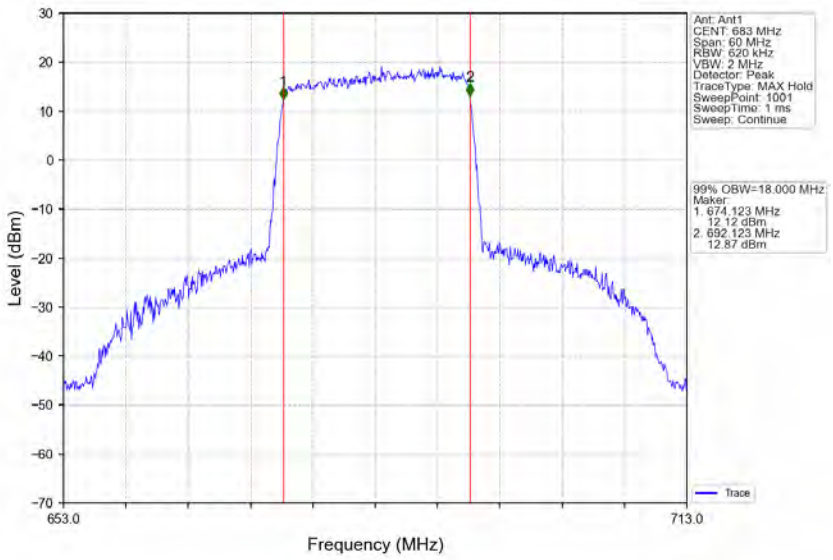
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



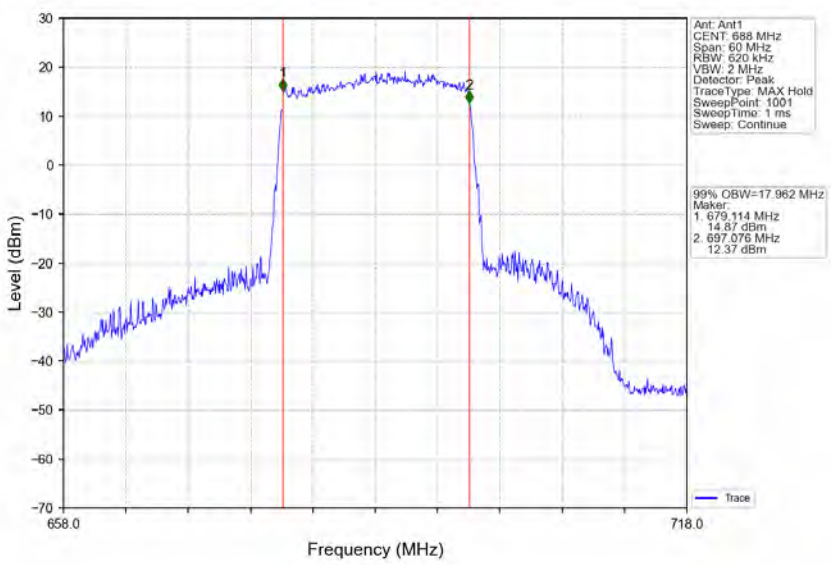
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



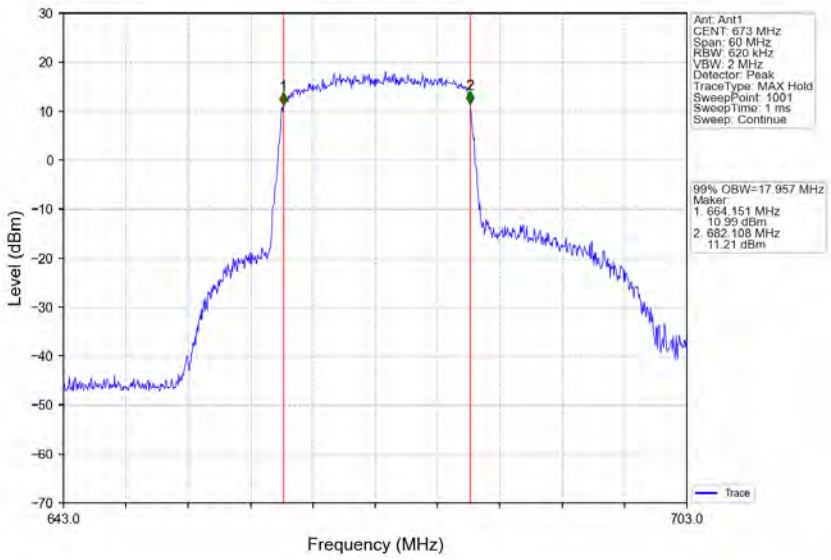
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



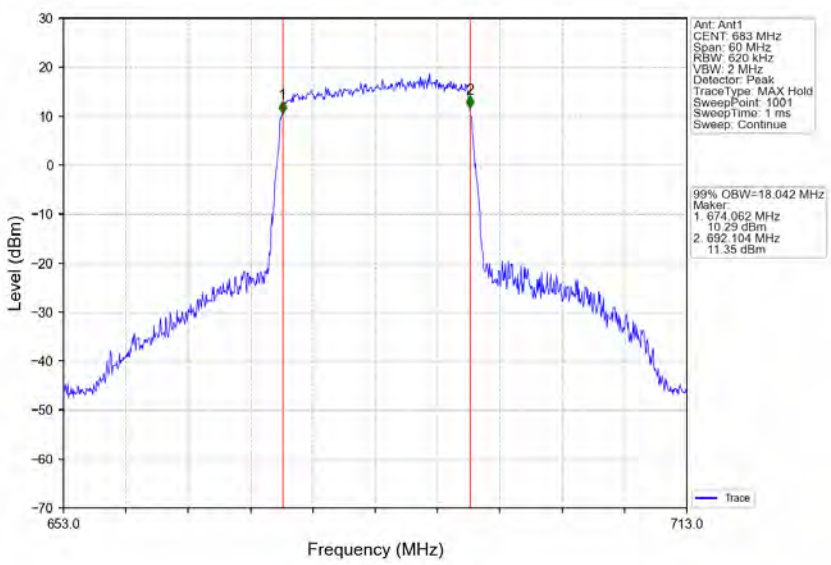
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



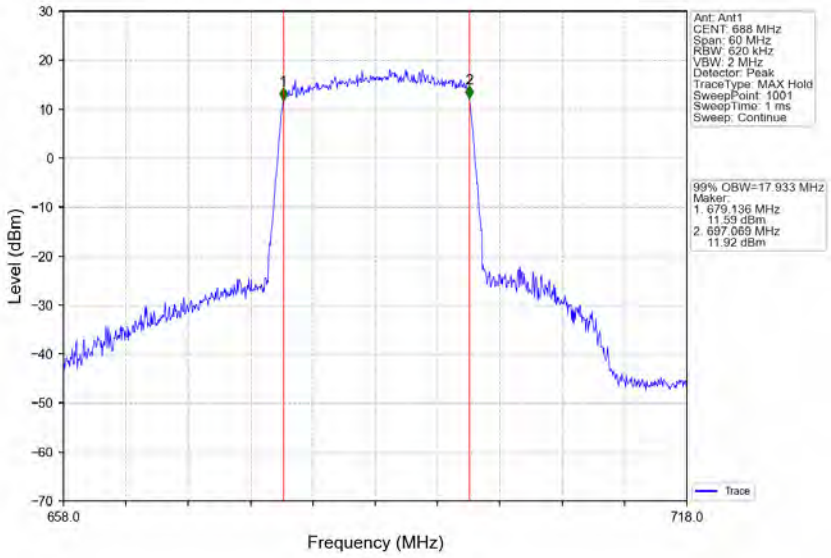
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV

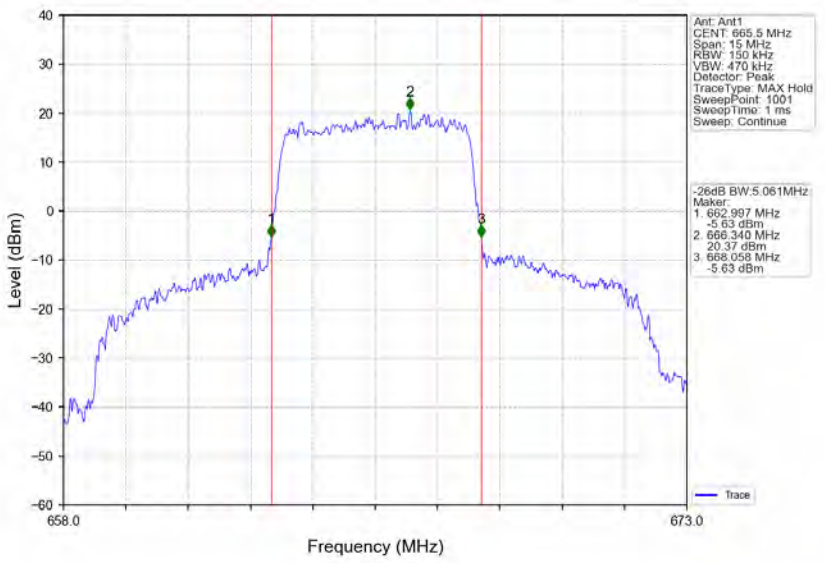
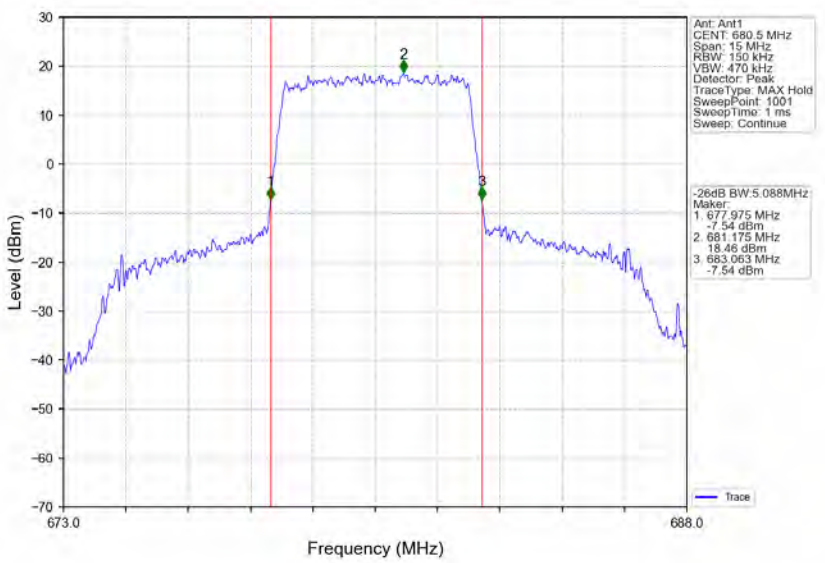


4. Band71_XDB

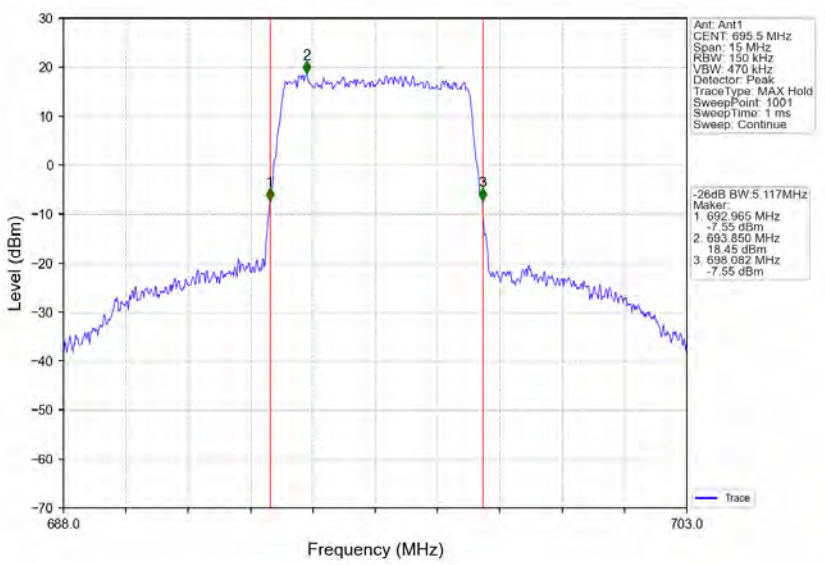
4.1.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.061	/	Pass
		680.5	25	0	5.088	/	Pass
		695.5	25	0	5.117	/	Pass
	16QAM	665.5	25	0	5.104	/	Pass
		680.5	25	0	5.099	/	Pass
		695.5	25	0	5.108	/	Pass
	64QAM	665.5	25	0	5.067	/	Pass
		680.5	25	0	5.062	/	Pass
		695.5	25	0	5.037	/	Pass
10	QPSK	668	50	0	10.042	/	Pass
		680.5	50	0	9.984	/	Pass
		693	50	0	10.022	/	Pass
	16QAM	668	50	0	9.986	/	Pass
		680.5	50	0	10.013	/	Pass
		693	50	0	9.970	/	Pass
	64QAM	668	50	0	9.944	/	Pass
		680.5	50	0	9.908	/	Pass
		693	50	0	10.007	/	Pass
15	QPSK	670.5	75	0	15.071	/	Pass
		680.5	75	0	14.888	/	Pass
		690.5	75	0	14.902	/	Pass
	16QAM	670.5	75	0	14.897	/	Pass
		680.5	75	0	14.971	/	Pass
		690.5	75	0	14.862	/	Pass
	64QAM	670.5	75	0	14.923	/	Pass
		680.5	75	0	14.961	/	Pass
		690.5	75	0	14.953	/	Pass
20	QPSK	673	100	0	19.666	/	Pass
		683	100	0	19.856	/	Pass
		688	100	0	19.650	/	Pass
	16QAM	673	100	0	19.626	/	Pass
		683	100	0	19.734	/	Pass
		688	100	0	19.741	/	Pass
	64QAM	673	100	0	19.654	/	Pass
		683	100	0	19.703	/	Pass
		688	100	0	19.641	/	Pass

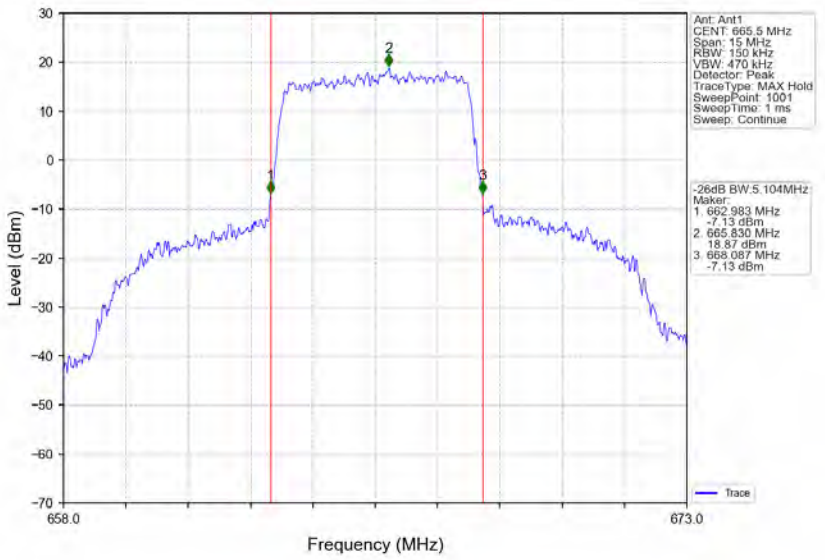
4.1.2 Test Graph

Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV


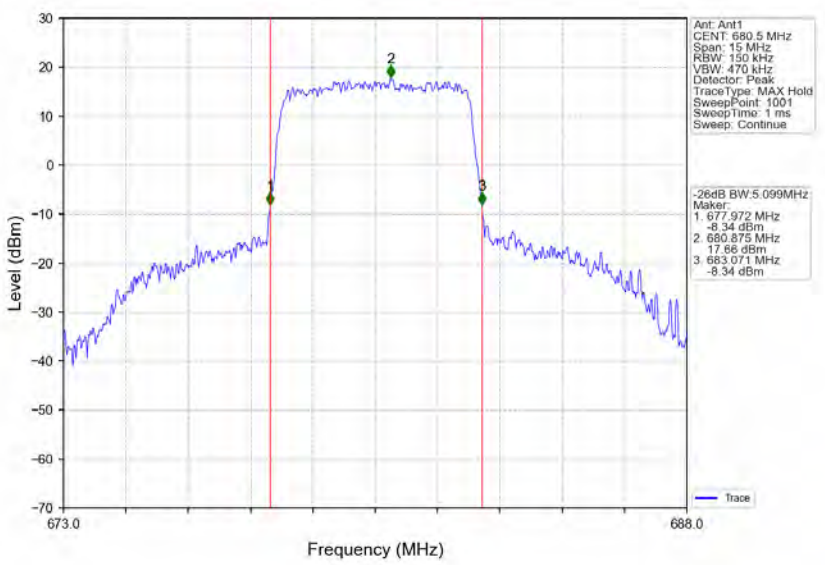
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



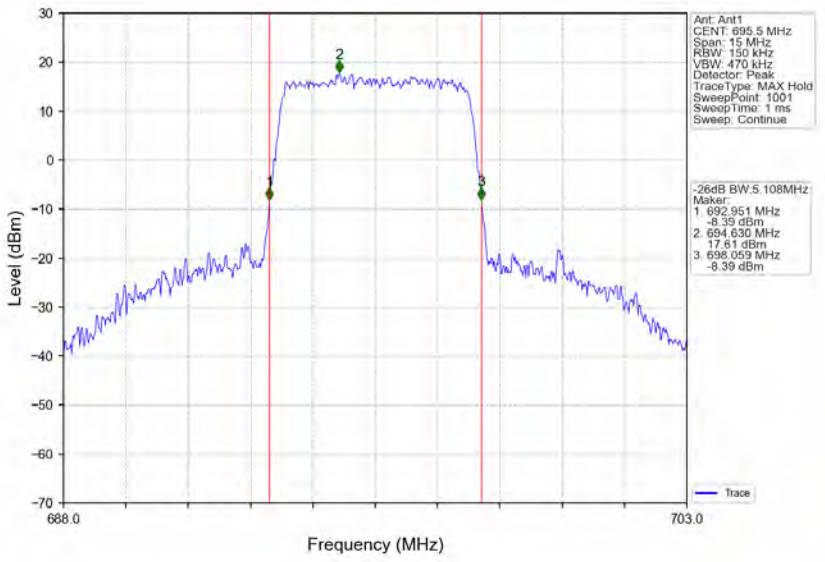
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



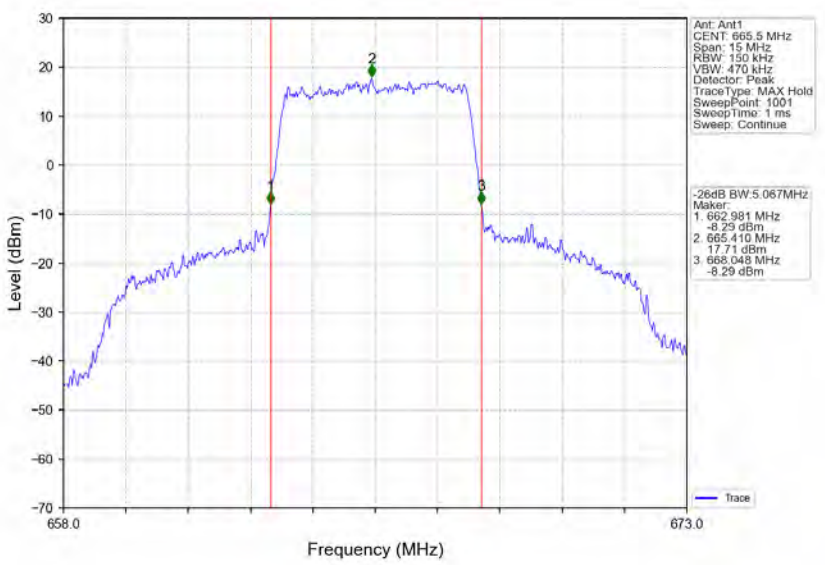
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



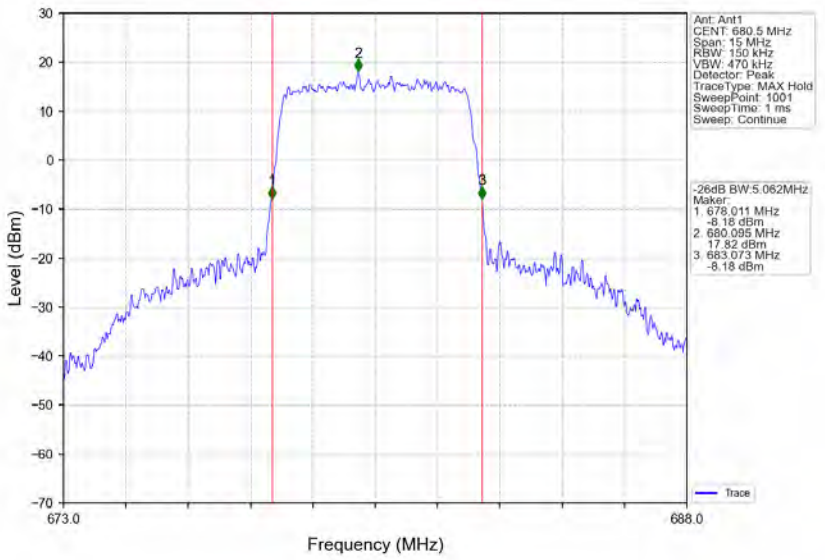
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



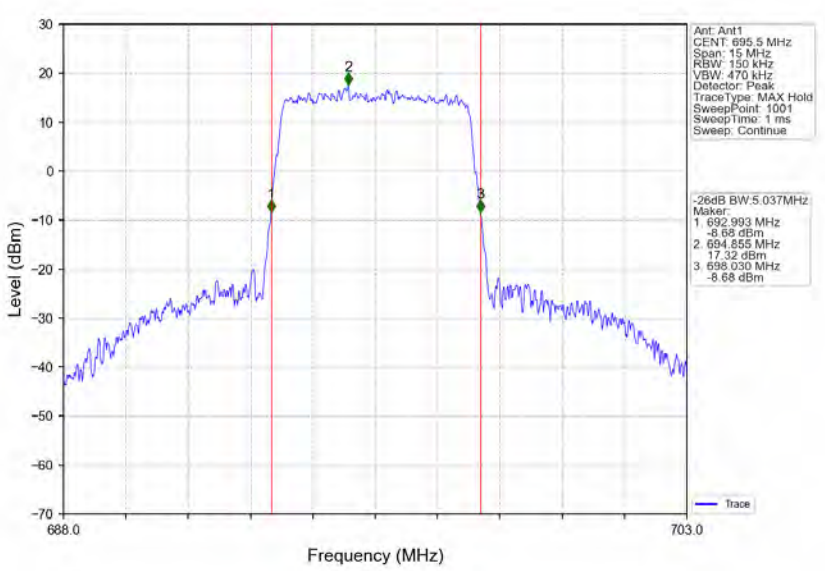
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



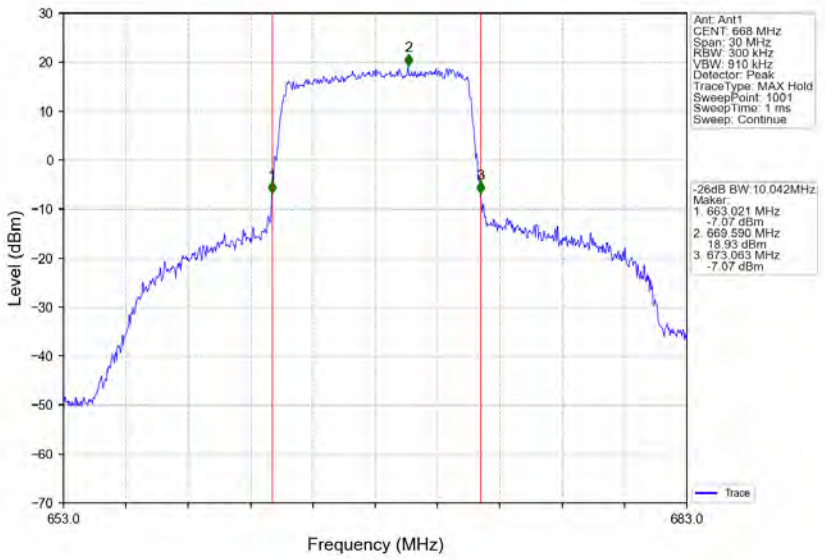
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



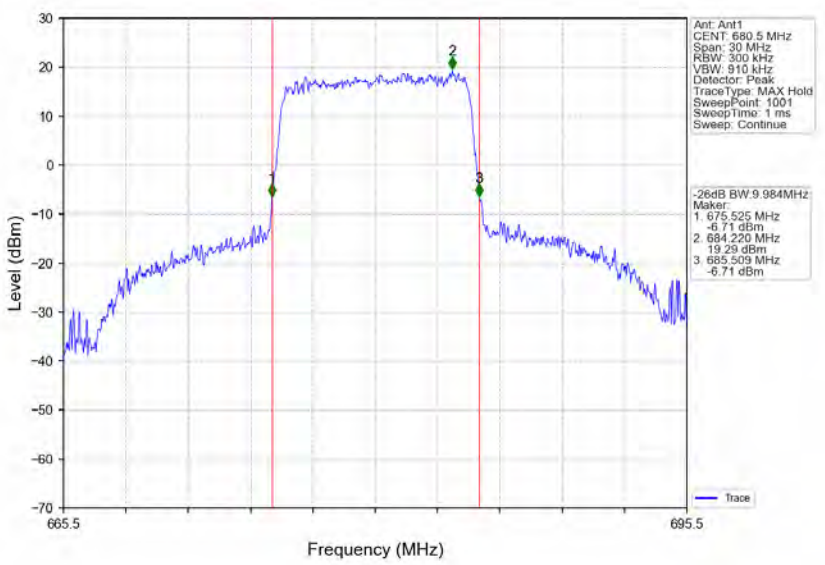
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



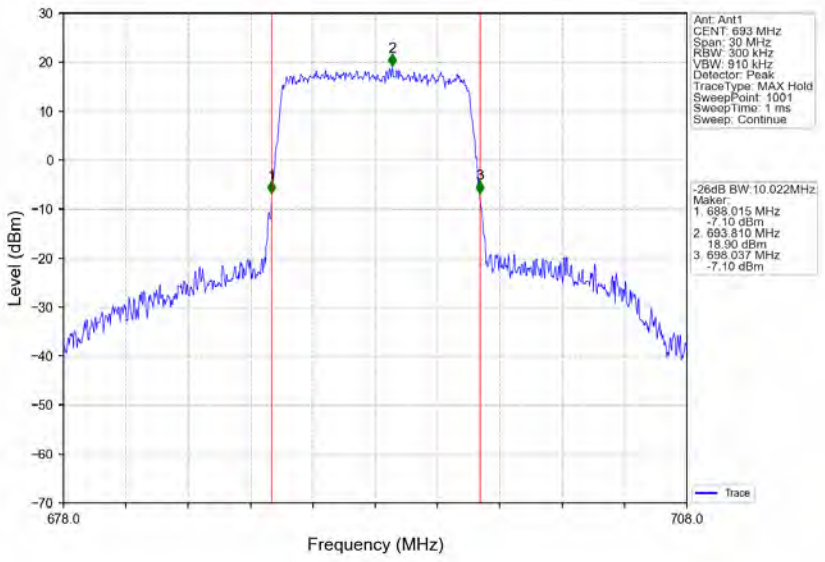
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



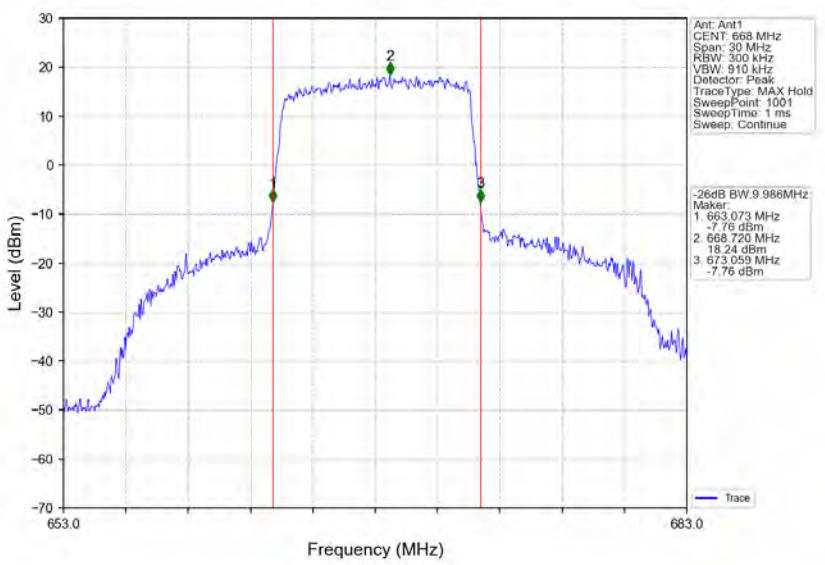
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



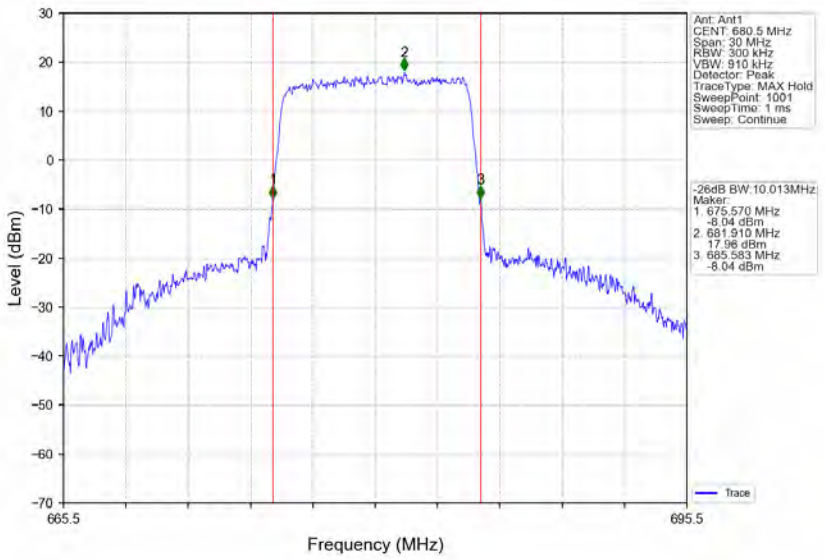
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



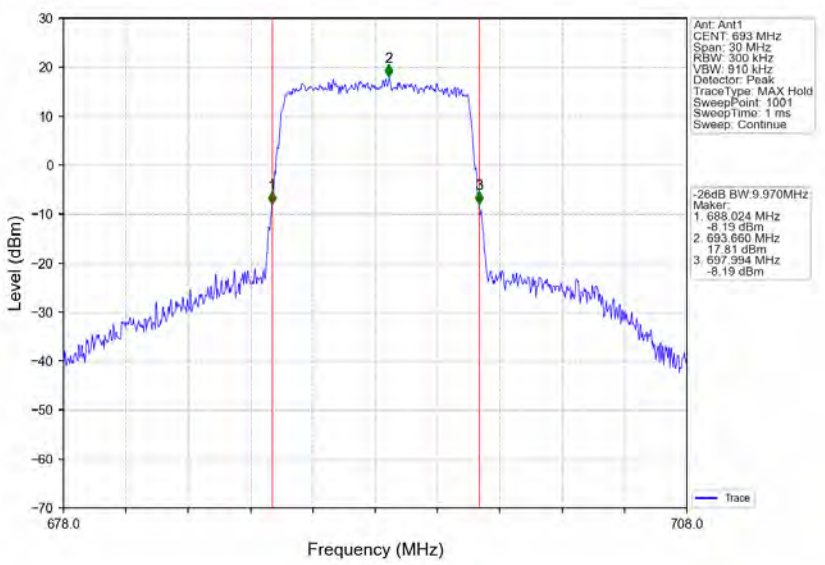
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



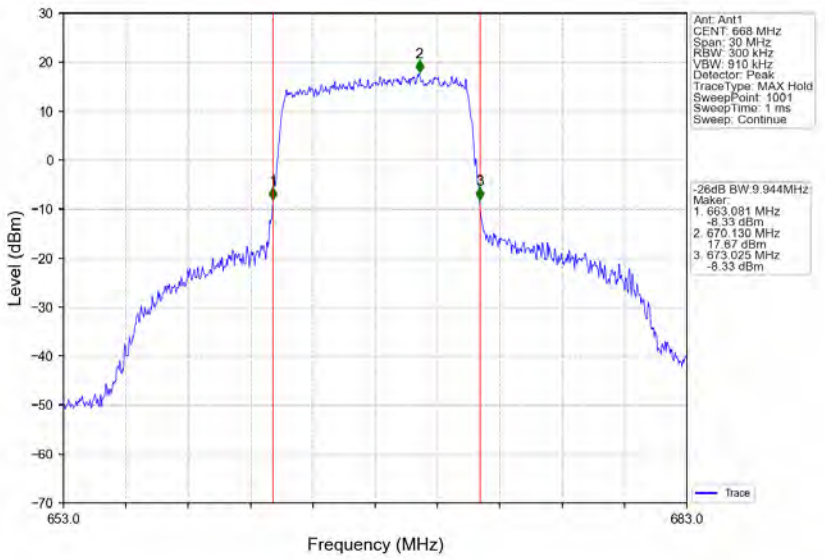
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



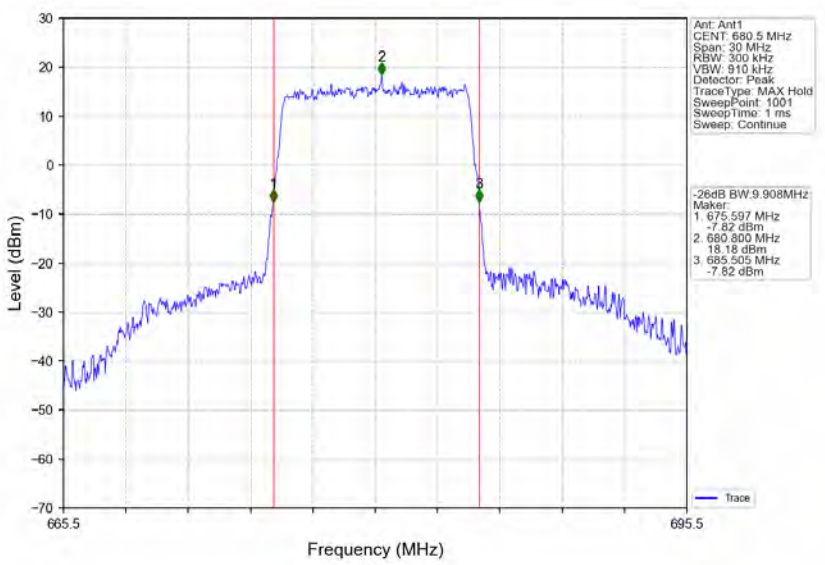
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



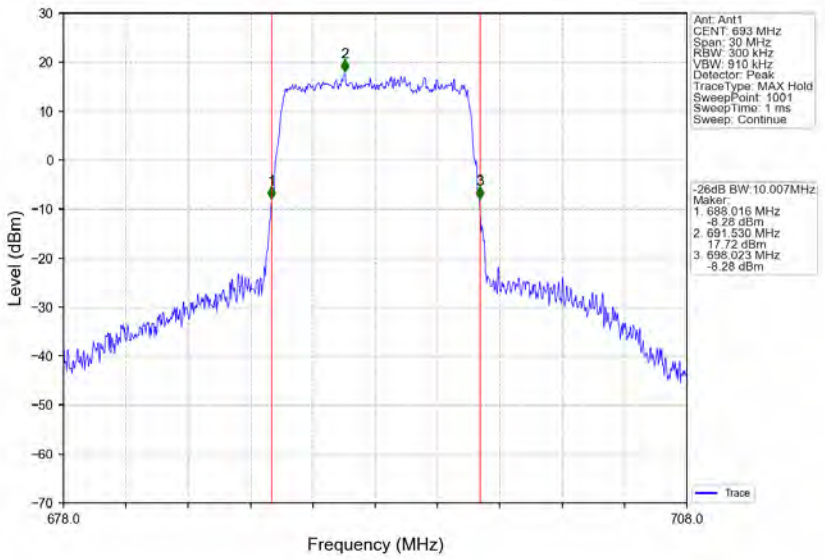
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



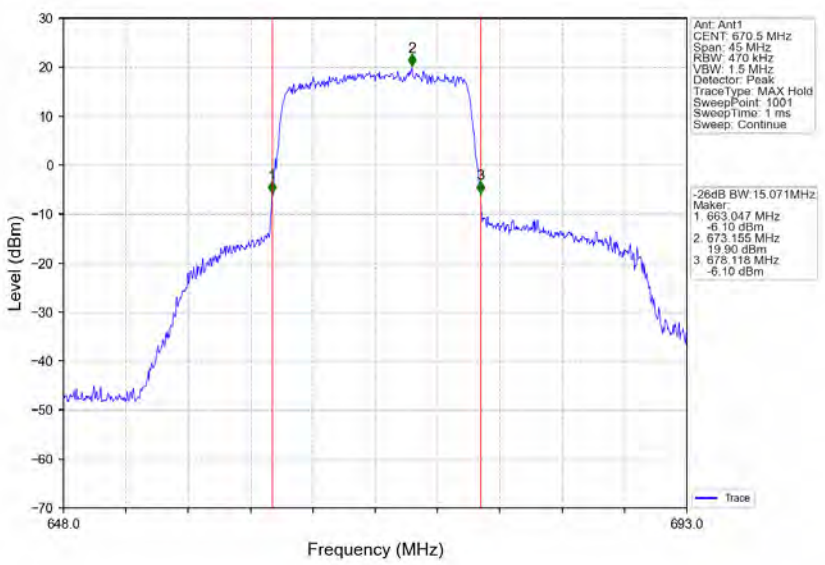
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



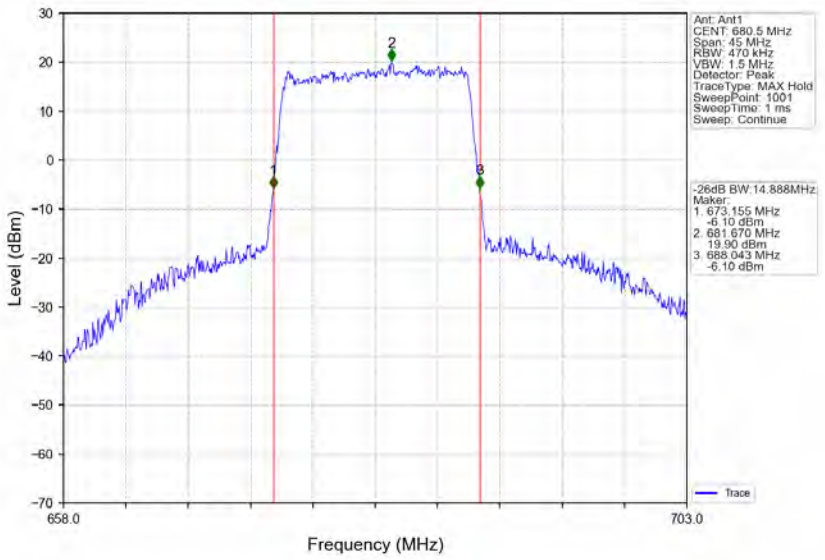
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



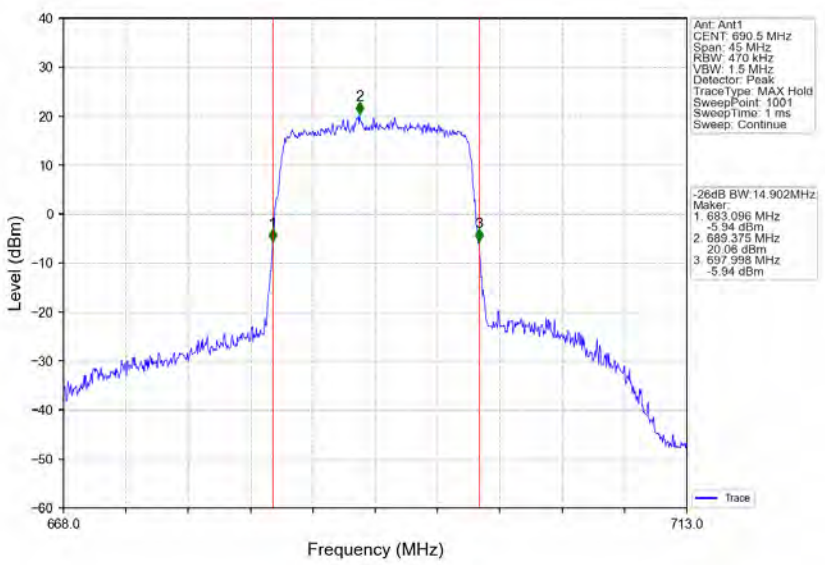
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



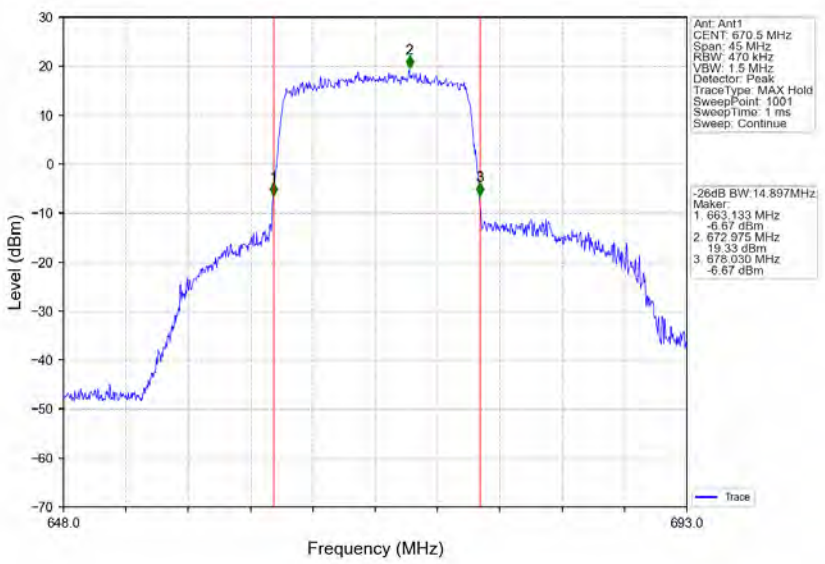
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



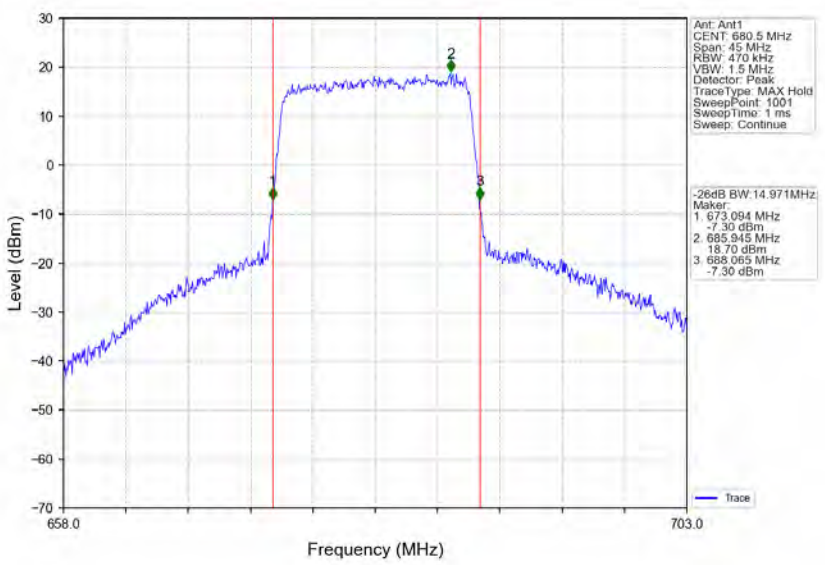
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



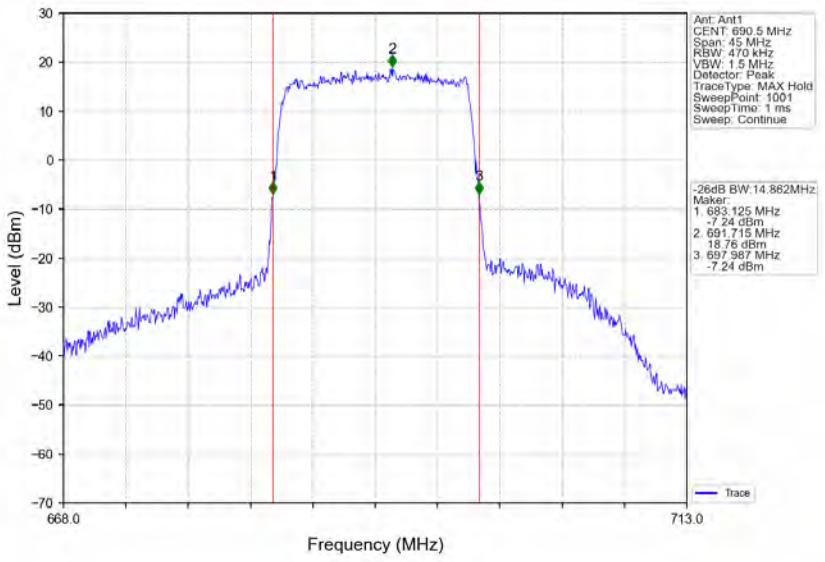
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



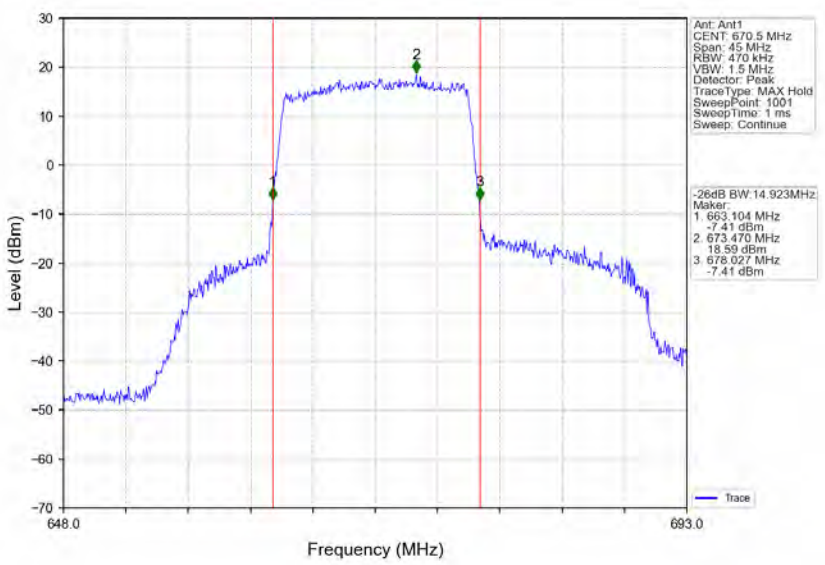
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



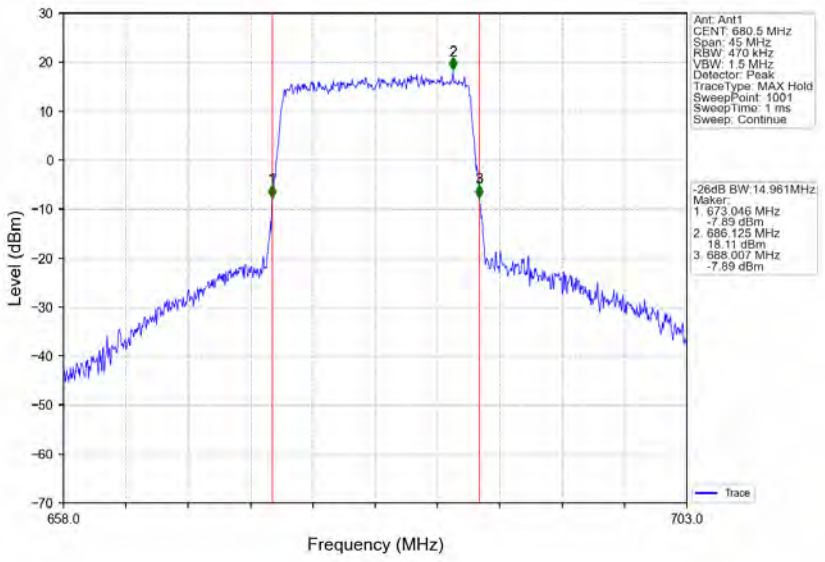
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



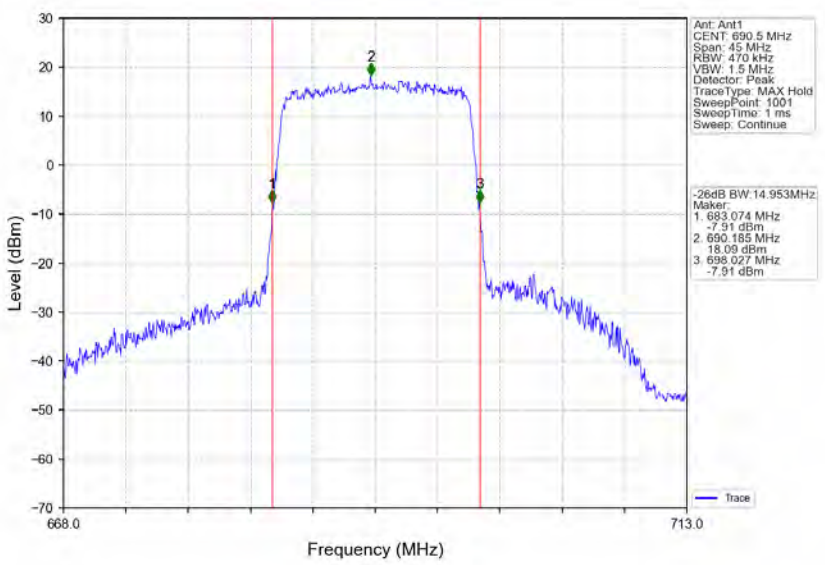
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



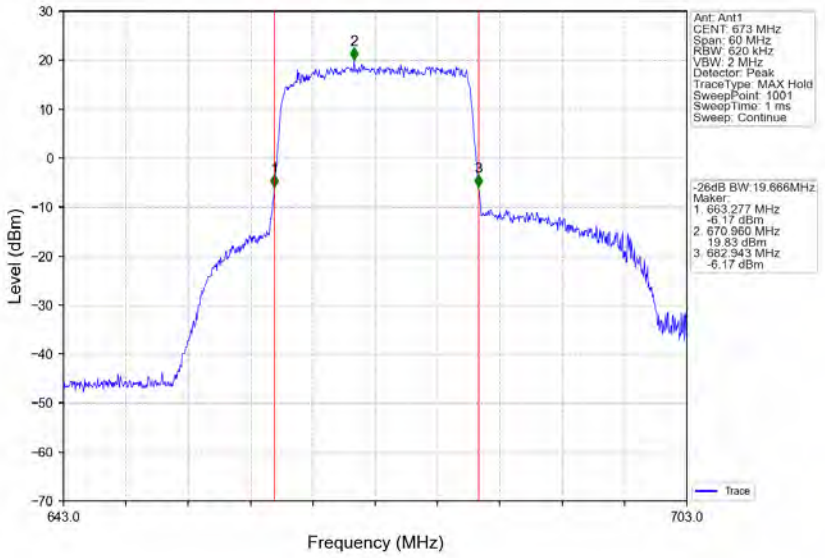
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



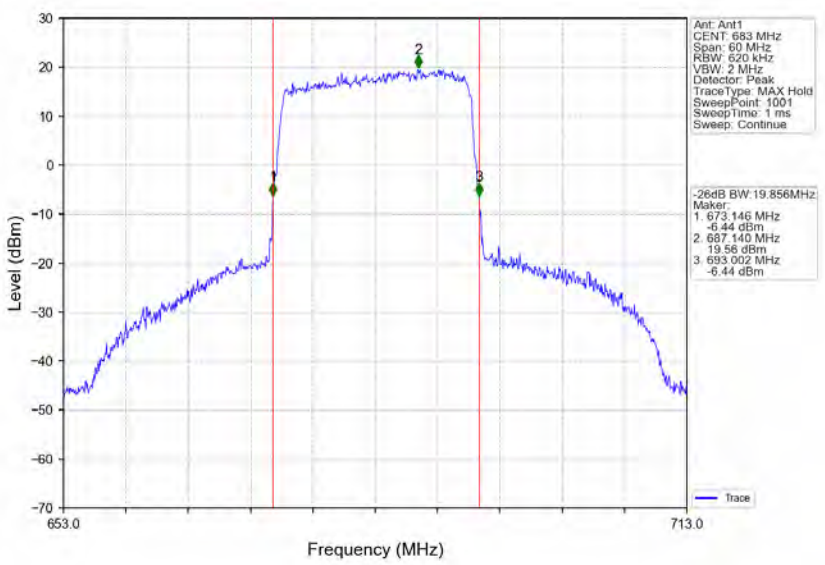
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



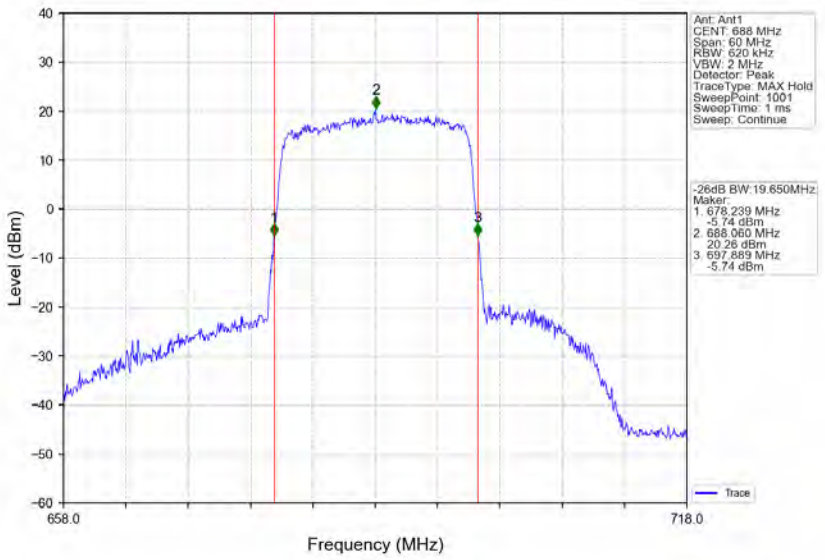
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



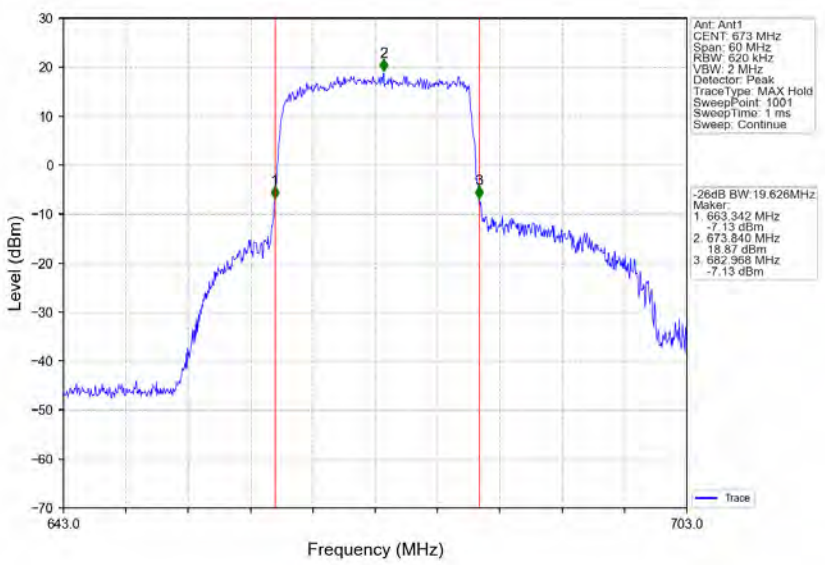
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



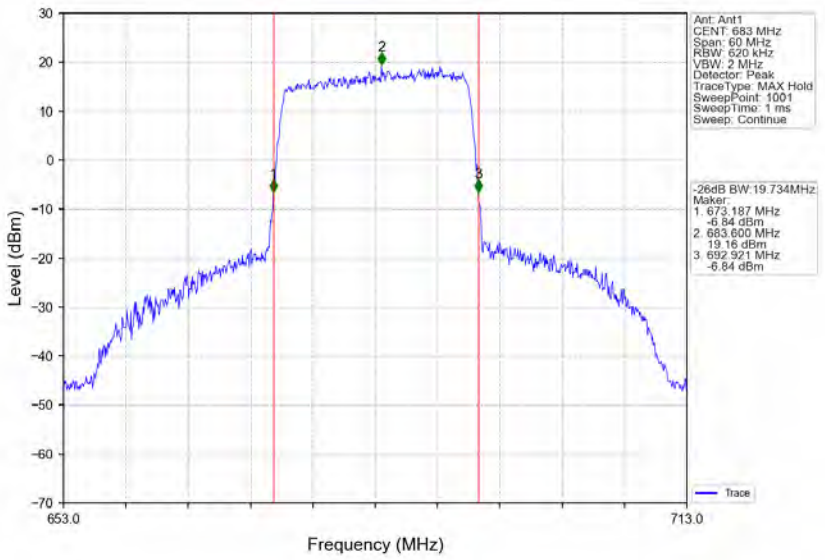
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



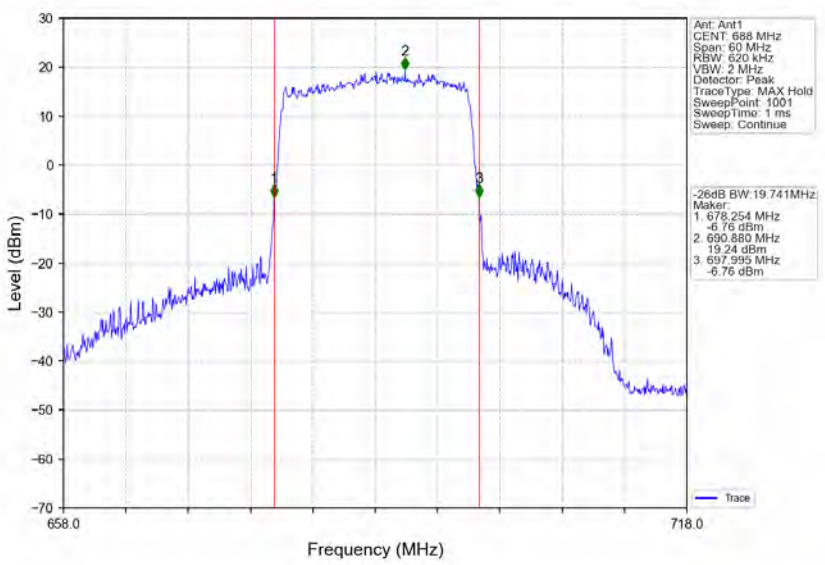
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



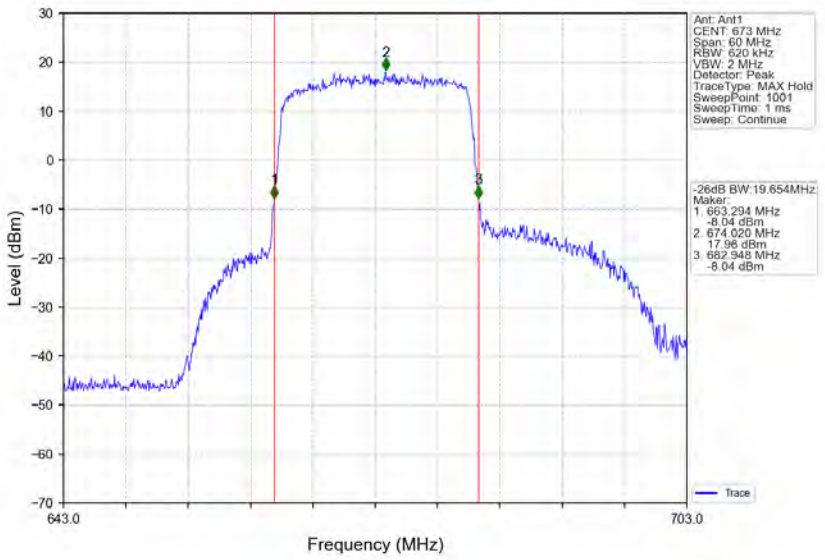
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



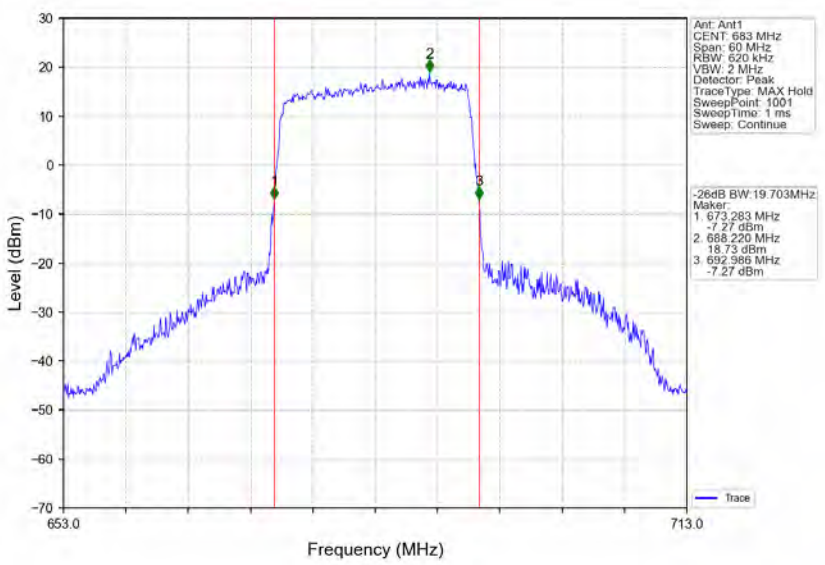
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



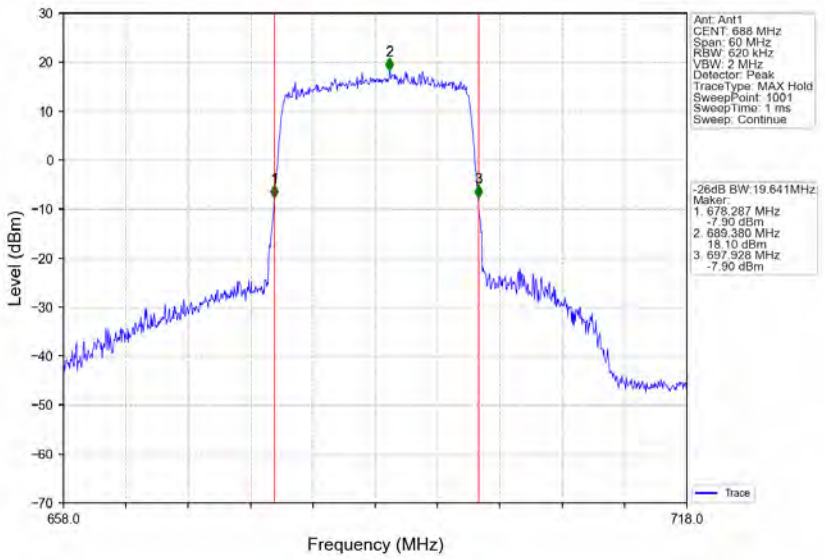
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



5. Peak-Average Ratio

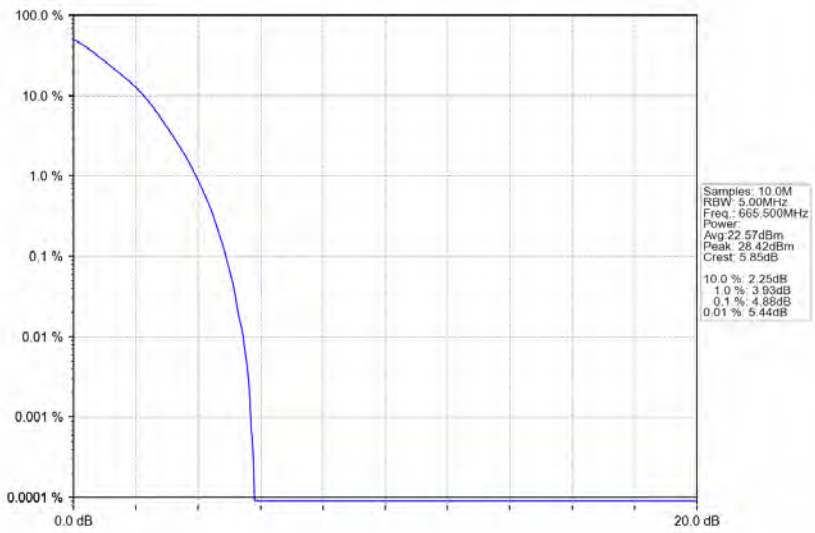
5.1 B71_5MHz

5.1.1 Test Result

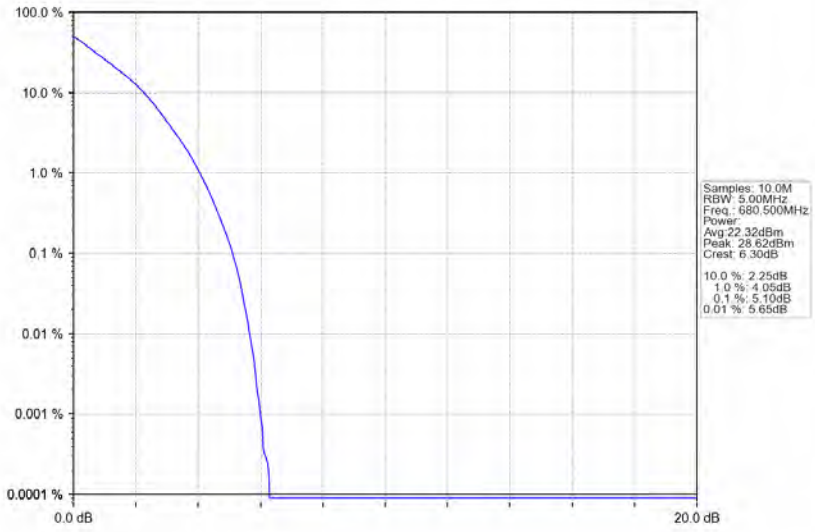
Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	4.88	<=13	Pass
	680.5	25	0	5.10	<=13	Pass
	695.5	25	0	5.40	<=13	Pass
16QAM	665.5	25	0	5.55	<=13	Pass
	680.5	25	0	5.76	<=13	Pass
	695.5	25	0	6.11	<=13	Pass
64QAM	665.5	25	0	5.85	<=13	Pass
	680.5	25	0	6.15	<=13	Pass
	695.5	25	0	6.34	<=13	Pass

5.1.2 Test Graph

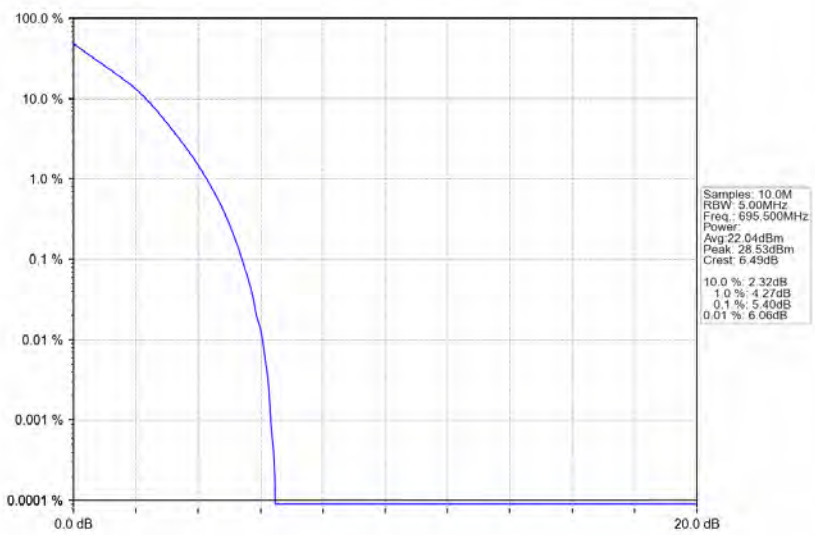
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV

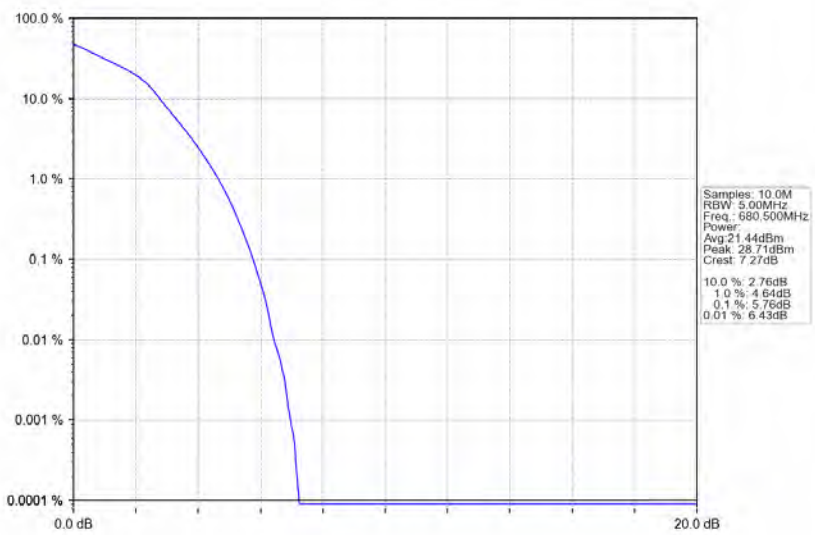


Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV

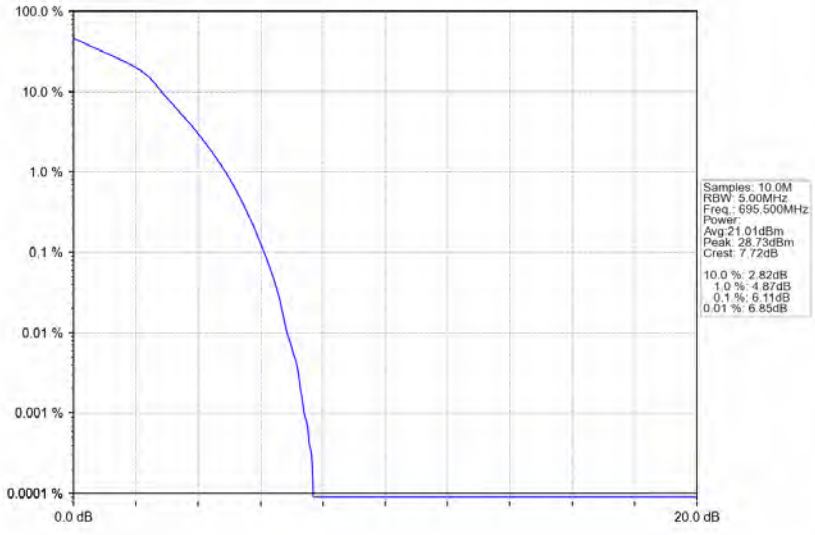


Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

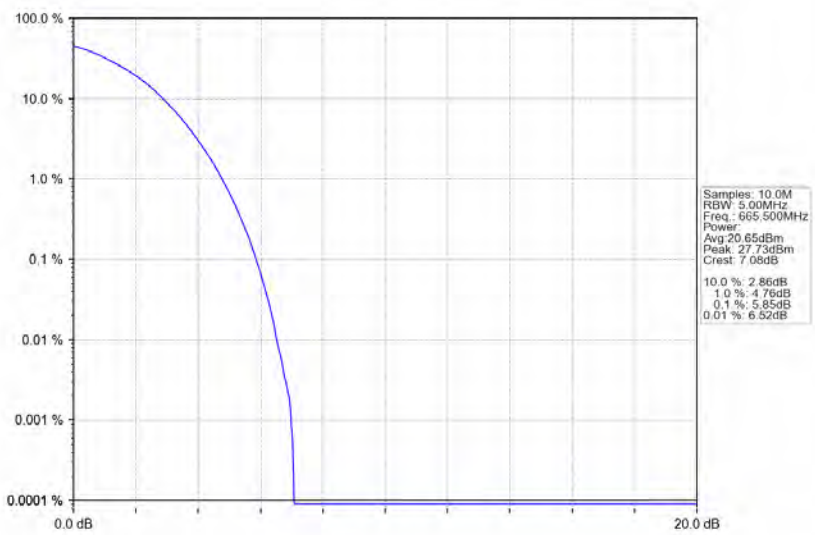
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



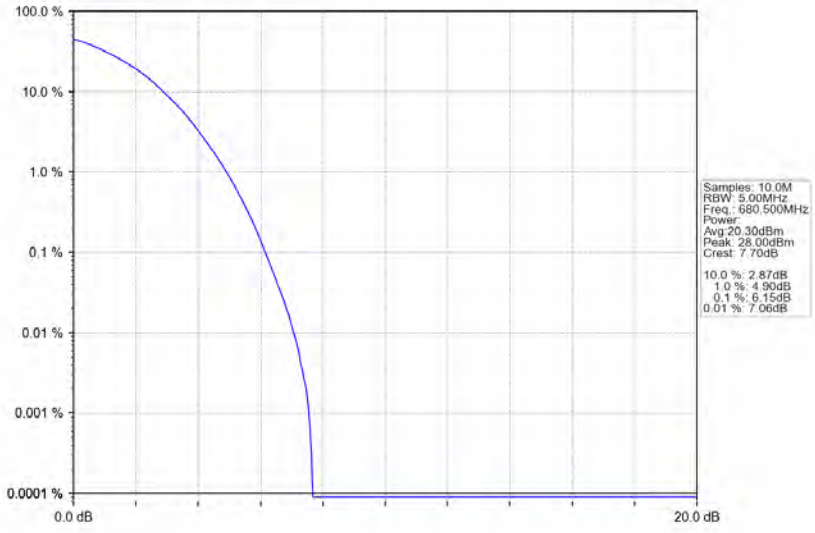
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



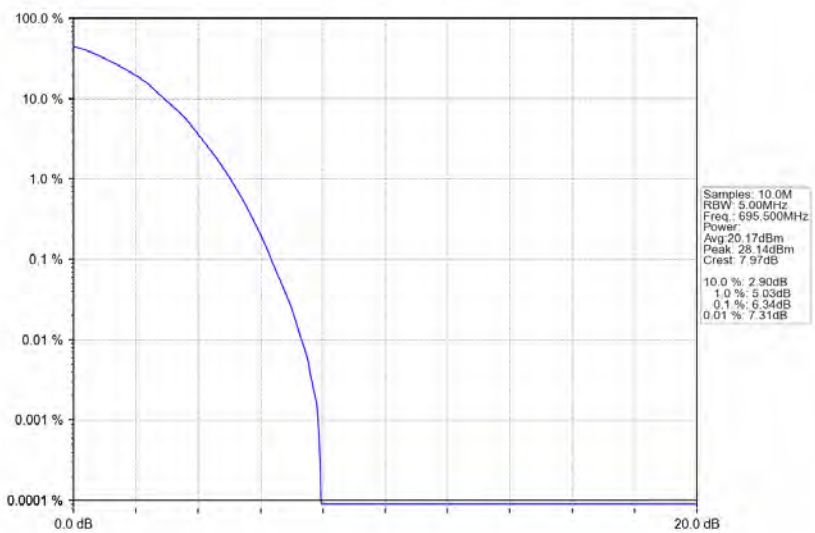
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



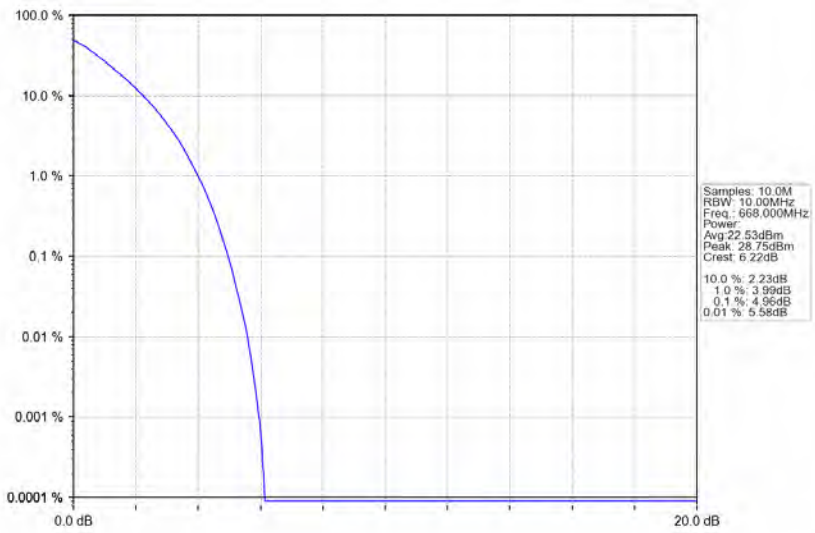
5.2 B71_10MHz

5.2.1 Test Result

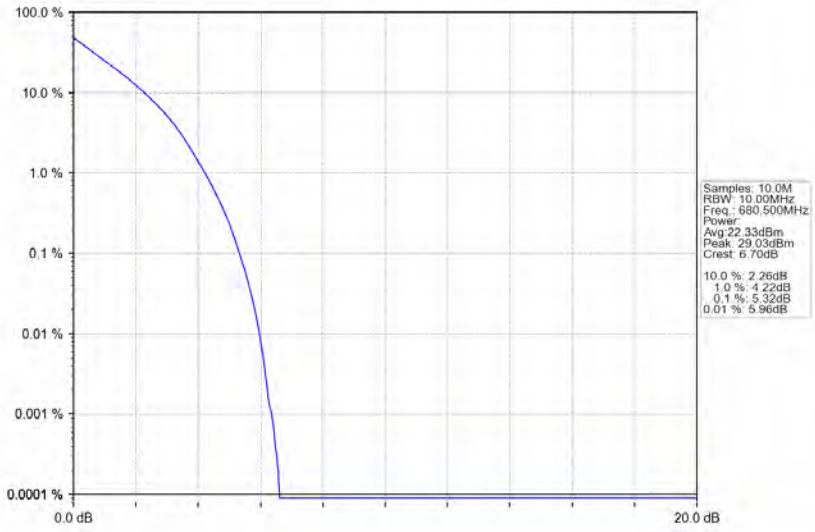
Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	4.96	<=13	Pass
	680.5	50	0	5.32	<=13	Pass
	693	50	0	5.29	<=13	Pass
16QAM	668	50	0	5.72	<=13	Pass
	680.5	50	0	6.08	<=13	Pass
	693	50	0	6.08	<=13	Pass
64QAM	668	50	0	6.00	<=13	Pass
	680.5	50	0	6.35	<=13	Pass
	693	50	0	6.30	<=13	Pass

5.2.2 Test Graph

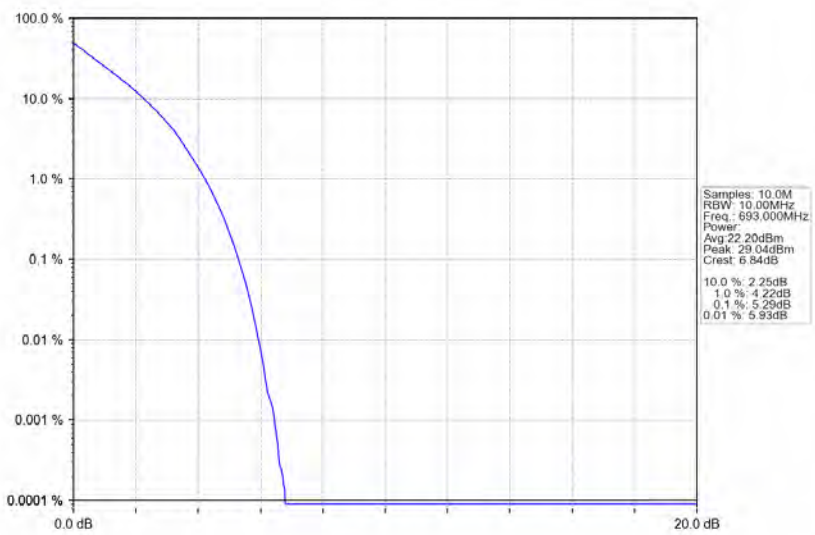
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV

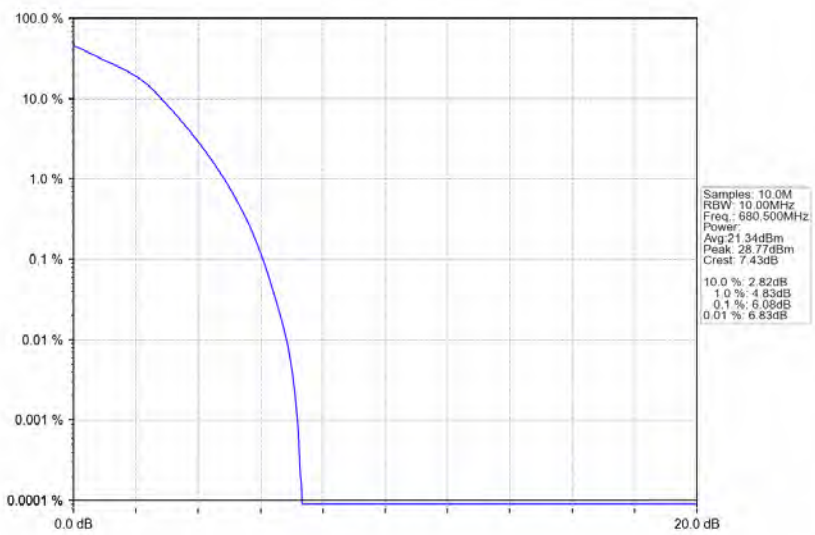


Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV

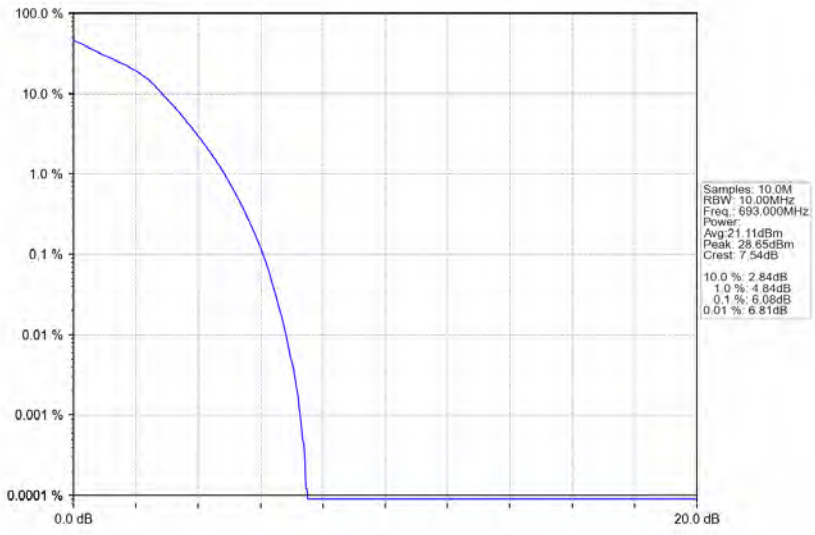


Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV

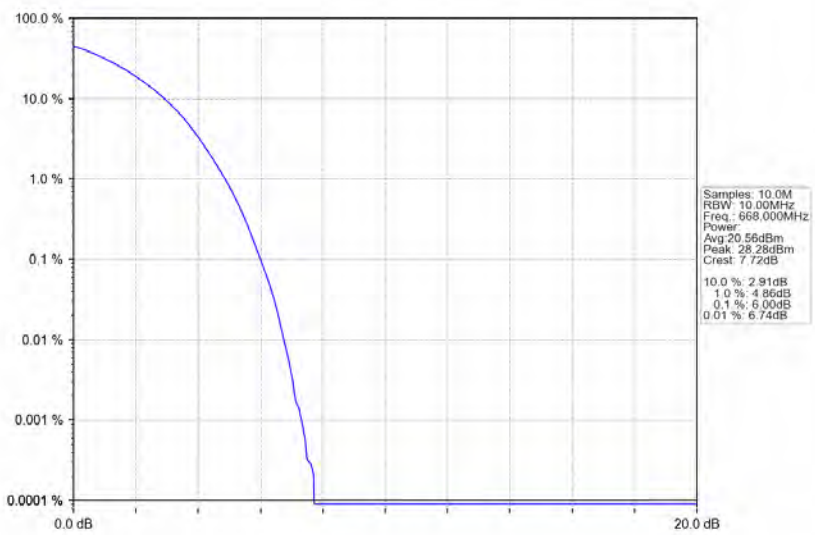
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



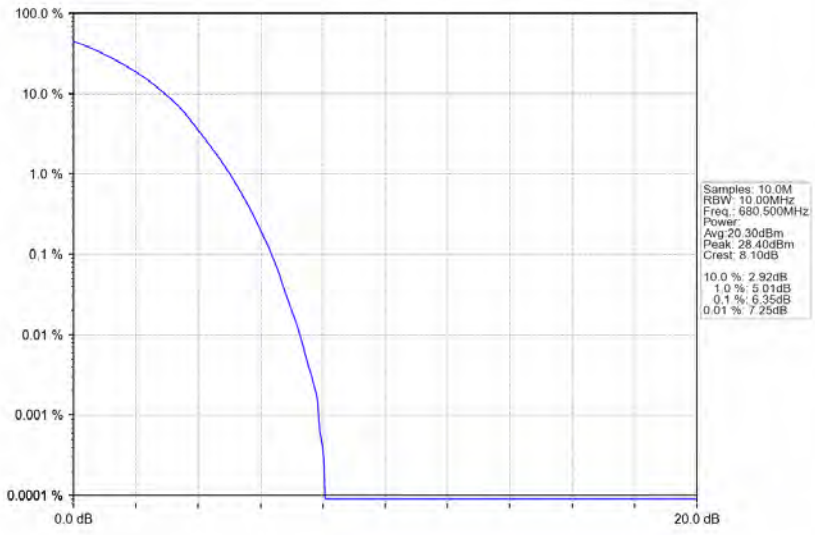
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



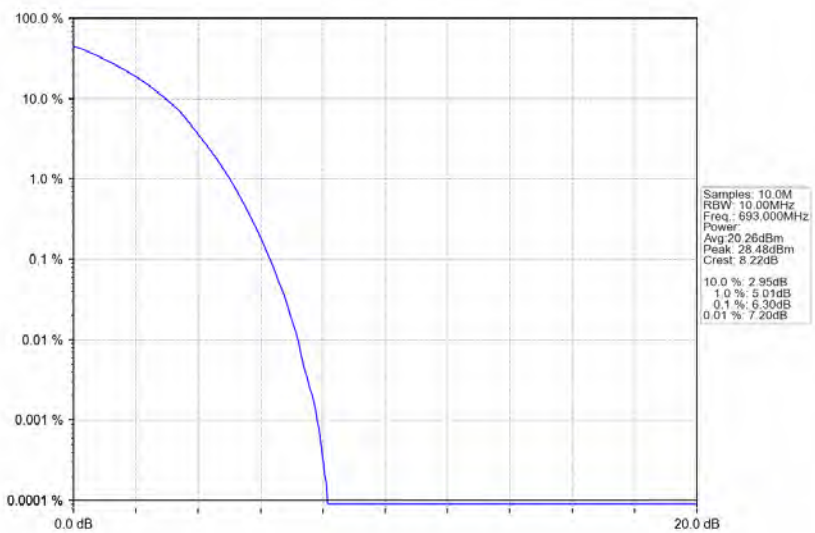
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



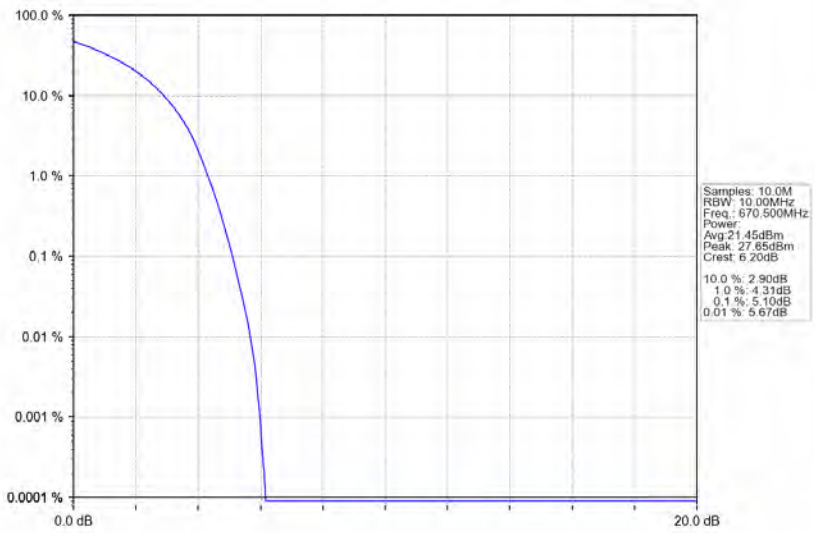
5.3 B71_15MHz

5.3.1 Test Result

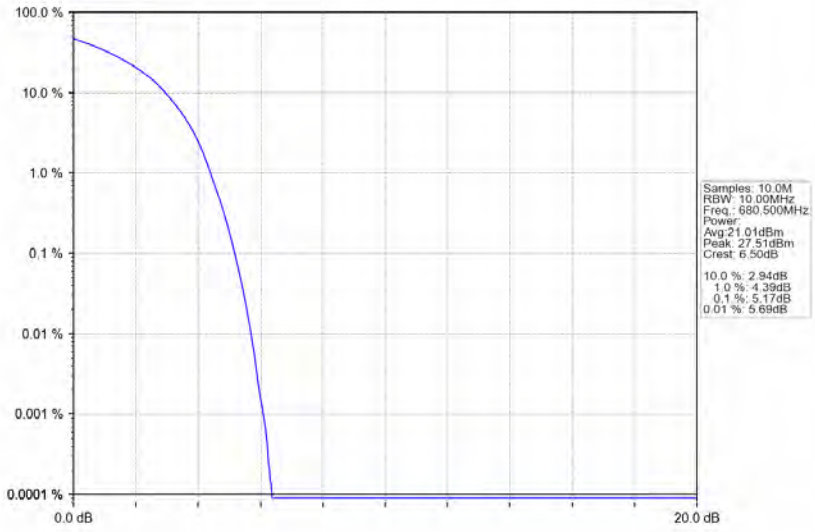
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.10	<=13	Pass
	680.5	75	0	5.17	<=13	Pass
	690.5	75	0	5.08	<=13	Pass
16QAM	670.5	75	0	6.08	<=13	Pass
	680.5	75	0	6.19	<=13	Pass
	690.5	75	0	6.21	<=13	Pass
64QAM	670.5	75	0	6.33	<=13	Pass
	680.5	75	0	6.46	<=13	Pass
	690.5	75	0	6.44	<=13	Pass

5.3.2 Test Graph

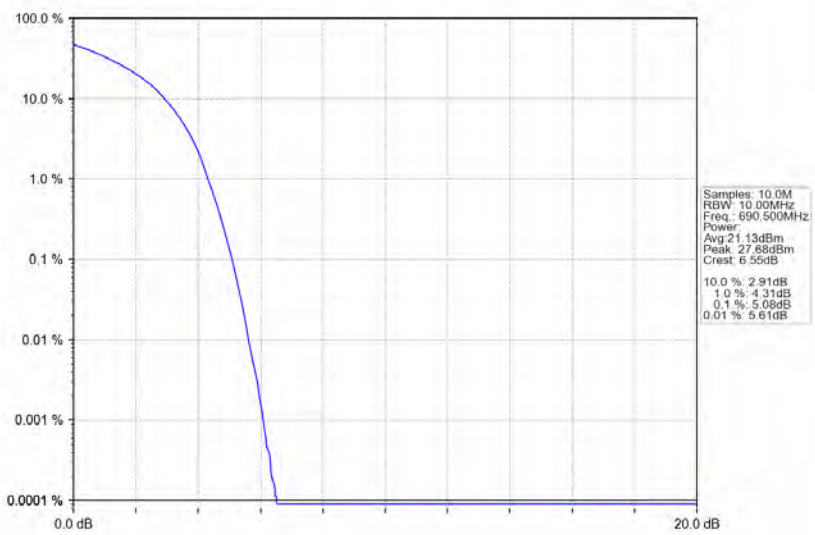
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



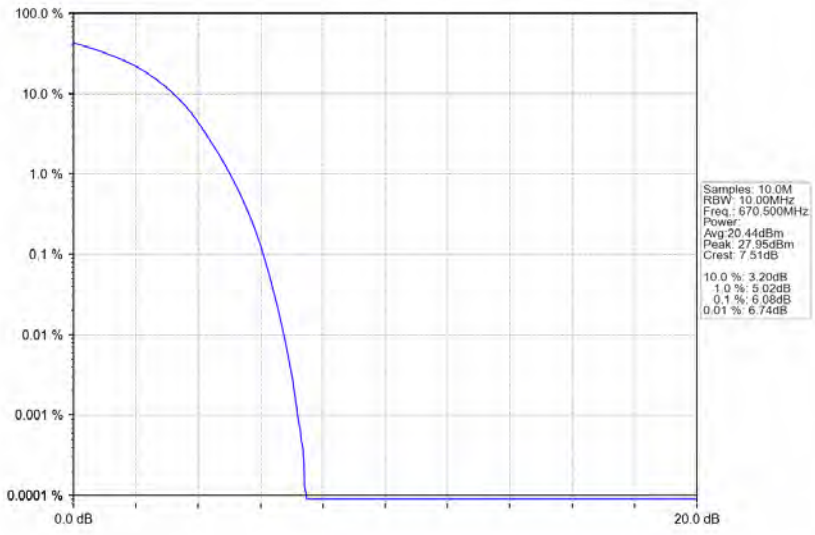
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



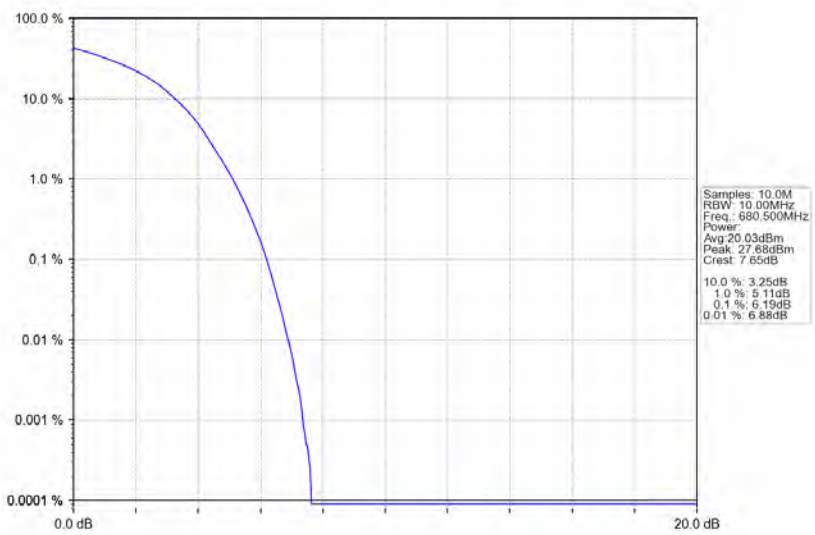
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



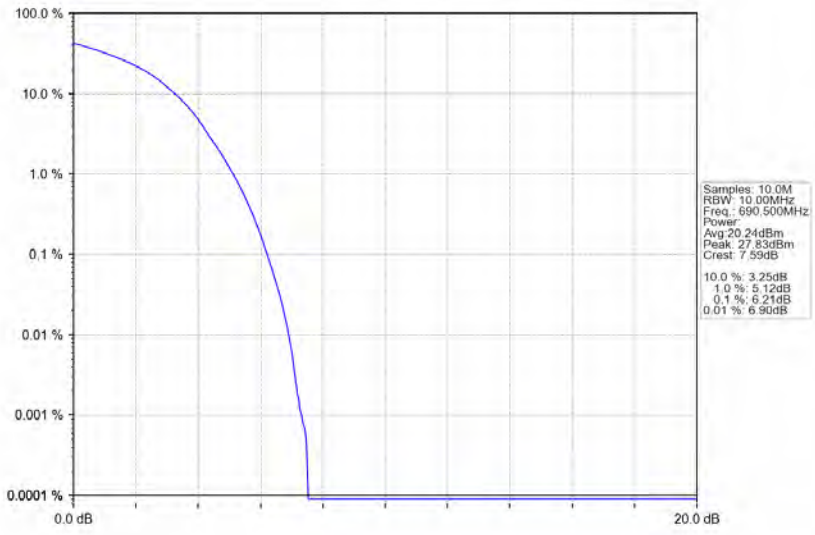
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



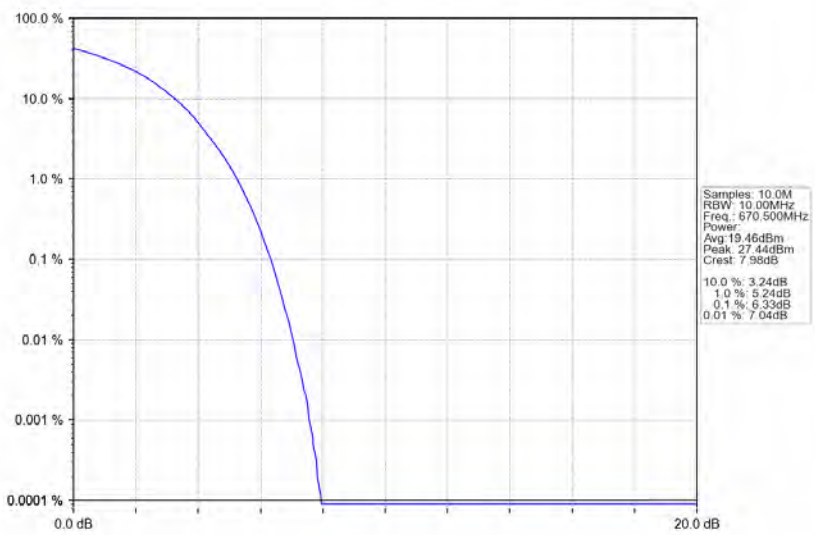
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



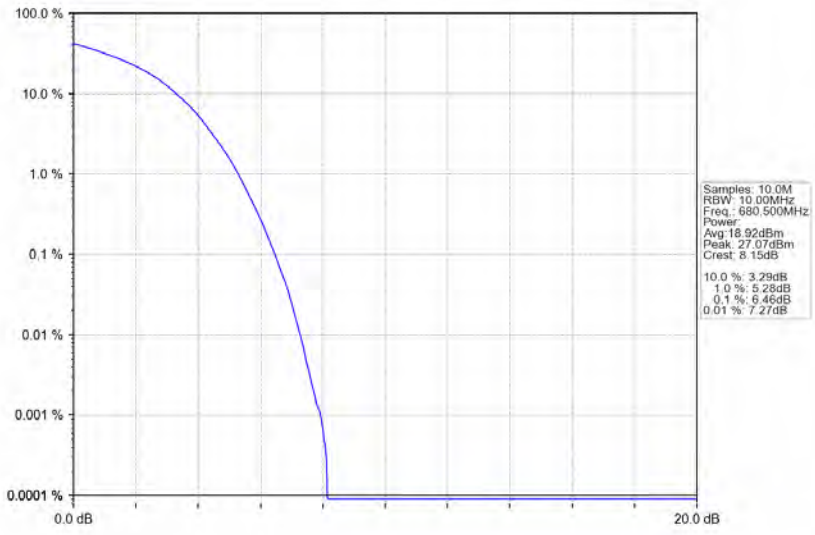
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



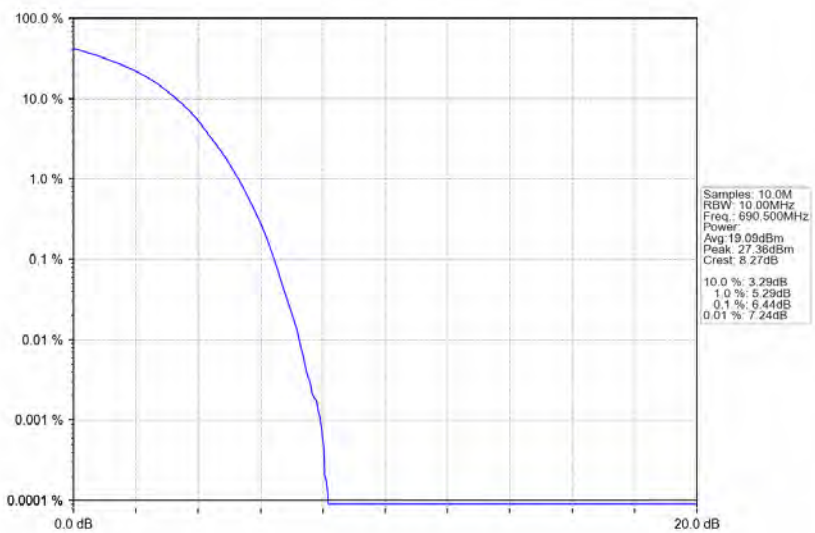
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



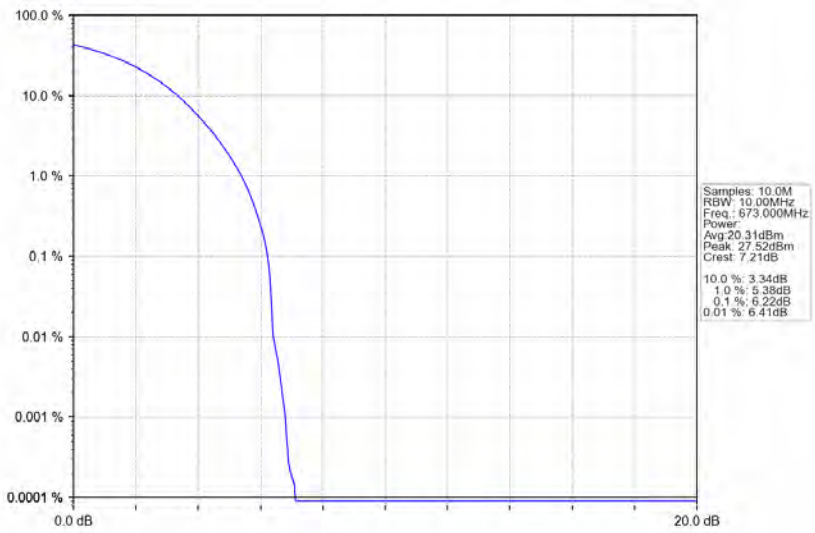
5.4 B71_20MHz

5.4.1 Test Result

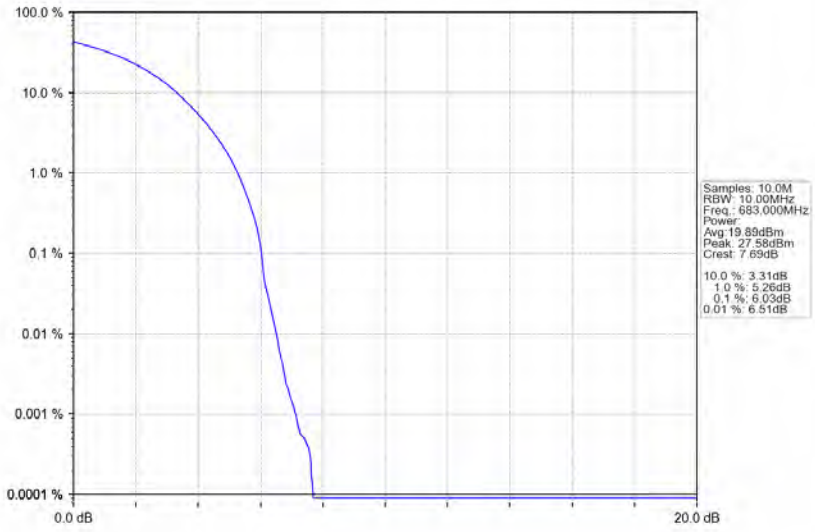
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	6.22	<=13	Pass
	683	100	0	6.03	<=13	Pass
	688	100	0	5.96	<=13	Pass
16QAM	673	100	0	6.68	<=13	Pass
	683	100	0	6.70	<=13	Pass
	688	100	0	6.70	<=13	Pass
64QAM	673	100	0	6.77	<=13	Pass
	683	100	0	6.92	<=13	Pass
	688	100	0	6.90	<=13	Pass

5.4.2 Test Graph

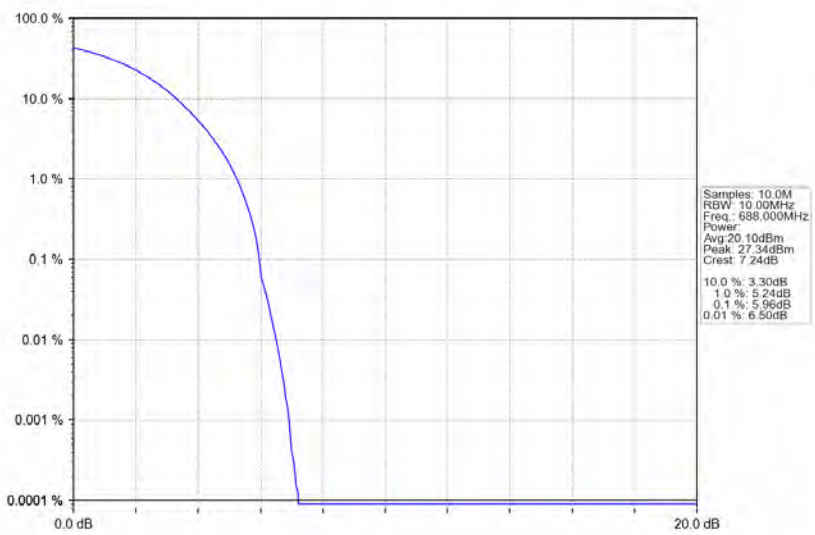
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



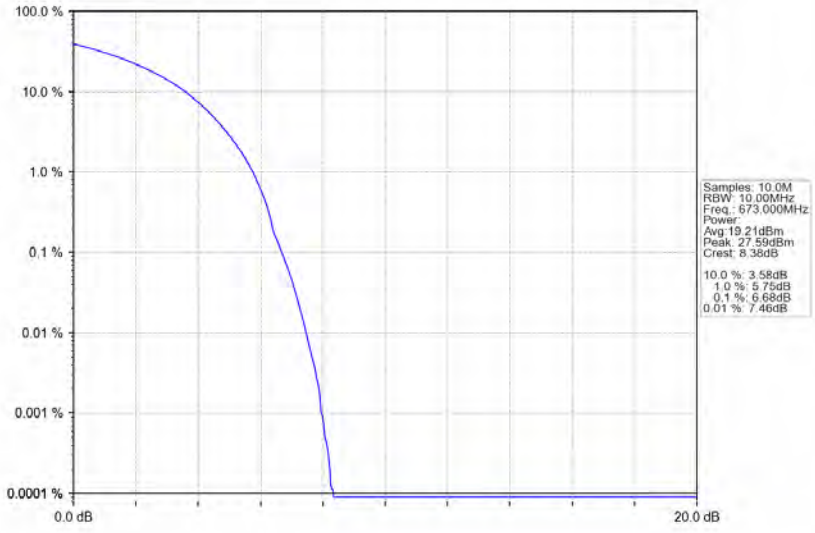
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



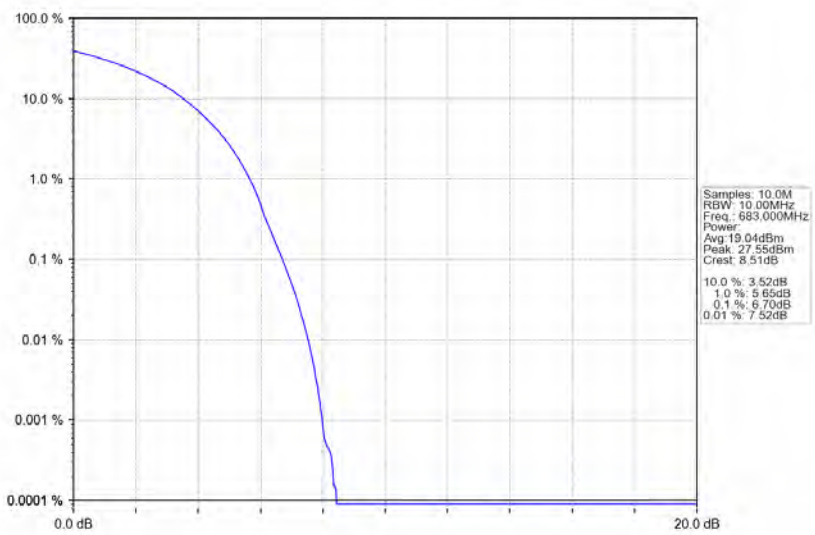
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



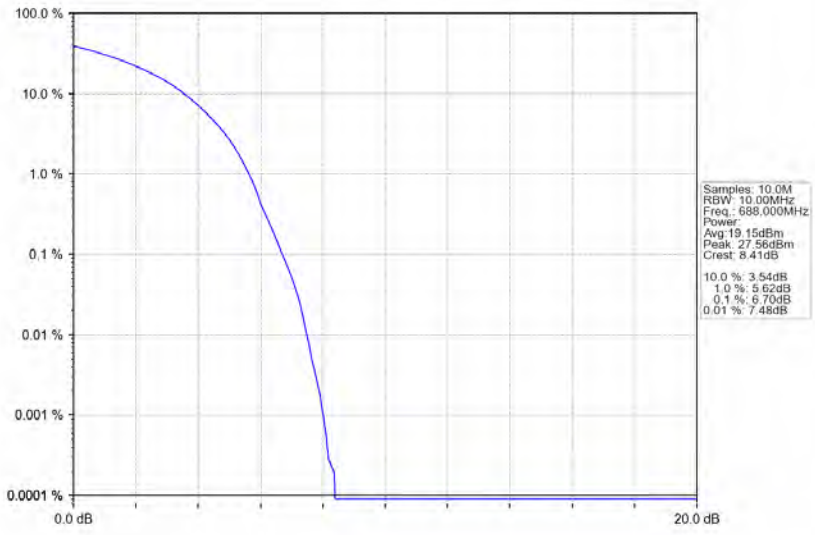
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



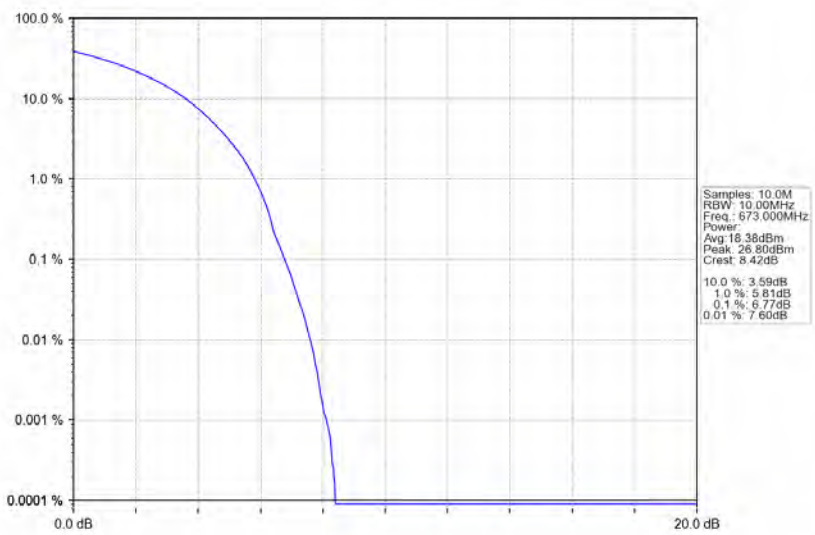
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



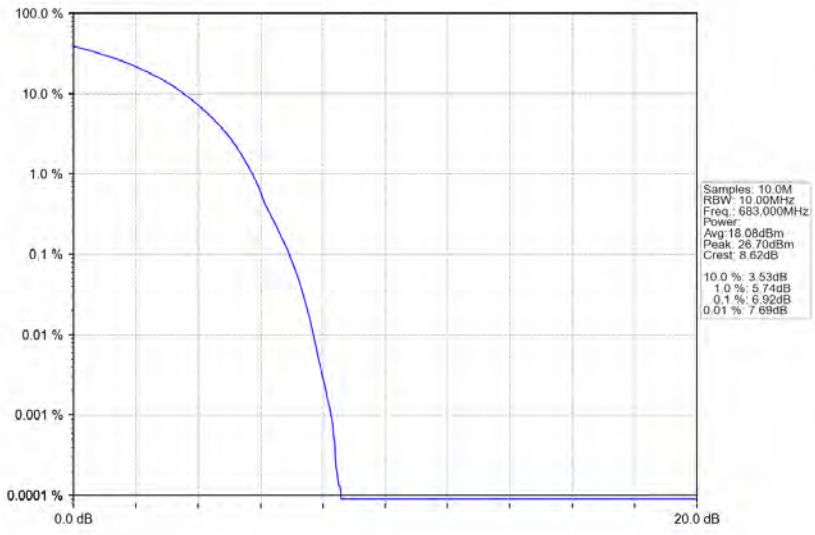
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV

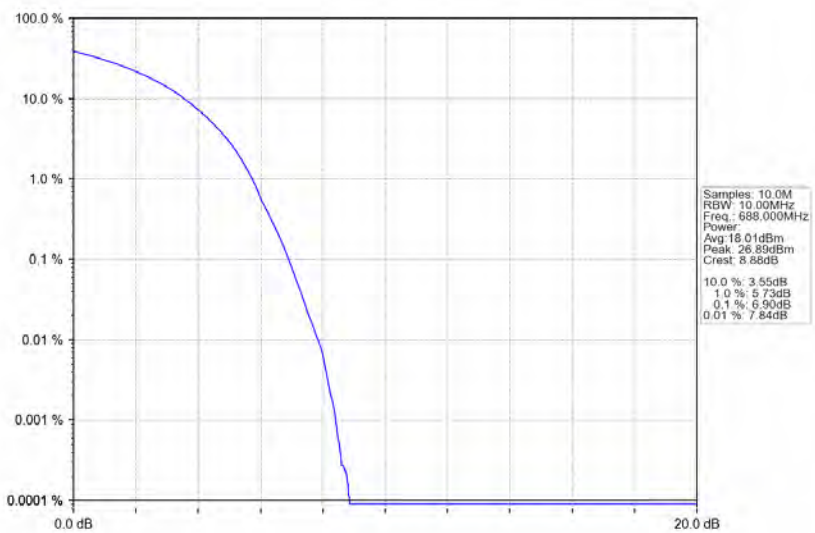


Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV


6. Spurious Emission

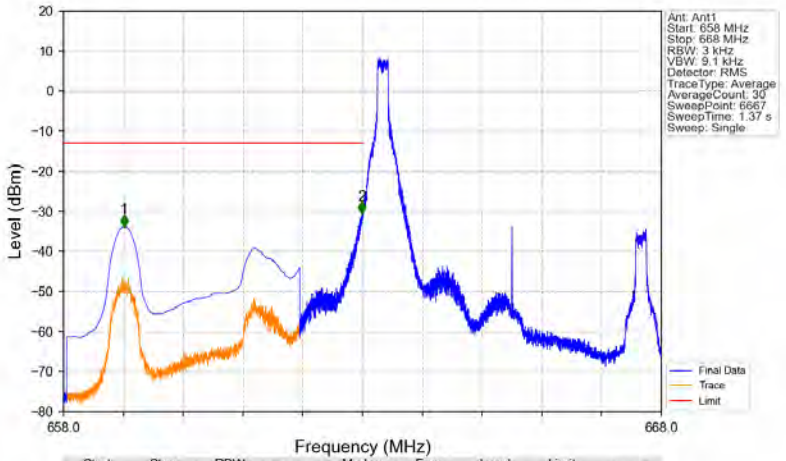
6.1 B71_5MHz

6.1.1 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
16QAM	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
64QAM	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

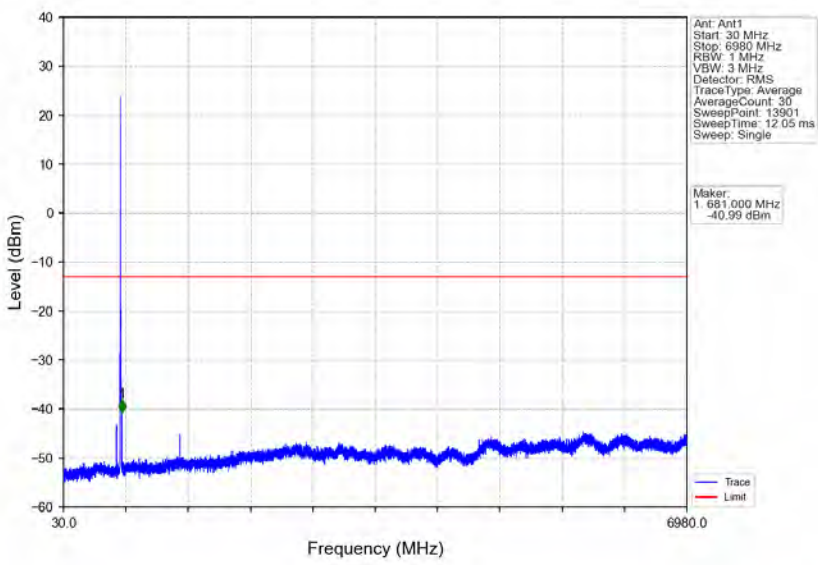
6.1.2 Test Graph

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

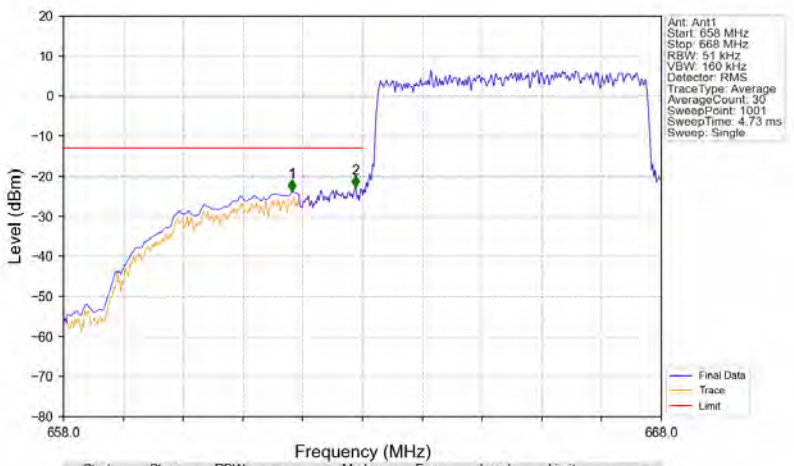


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.013	-33.89	-13	Pass
662	663	0.003	/	2	662.994	-30.68	-13	Pass
663	668	0.003	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

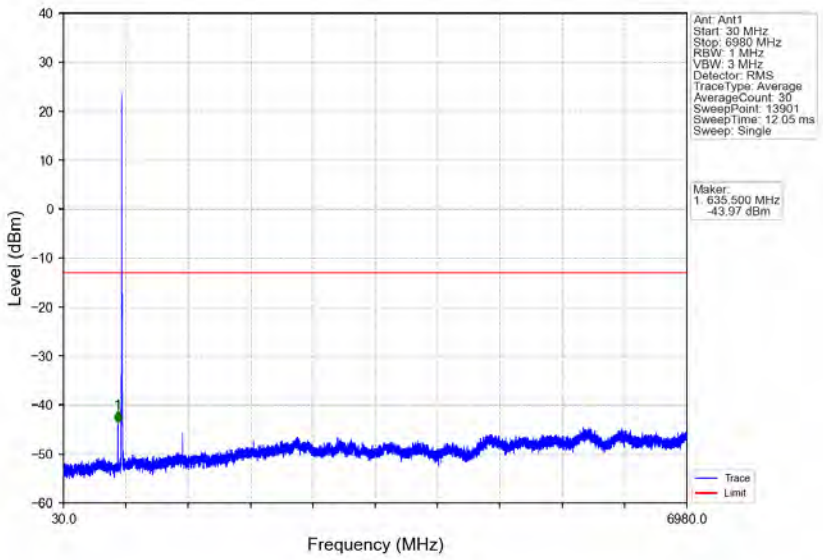


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

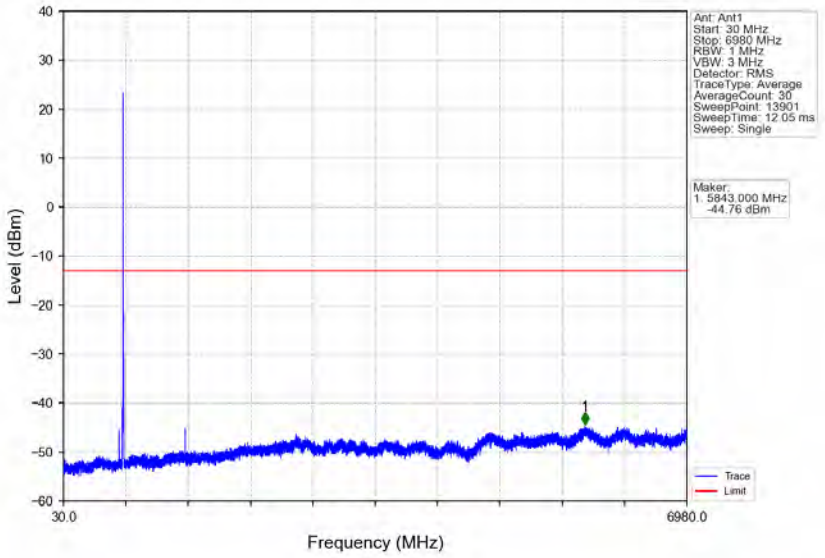


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.820	-23.84	-13	Pass
662	663	0.051	/	2	662.880	-22.92	-13	Pass
663	668	0.051	/	/	/	/	/	/

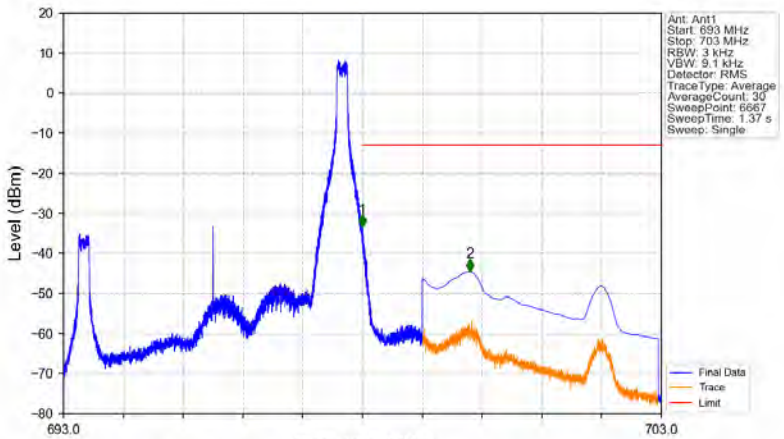
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

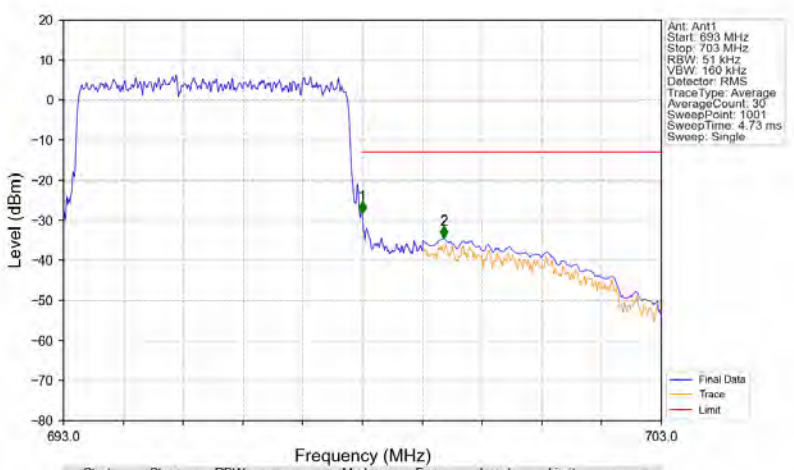


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



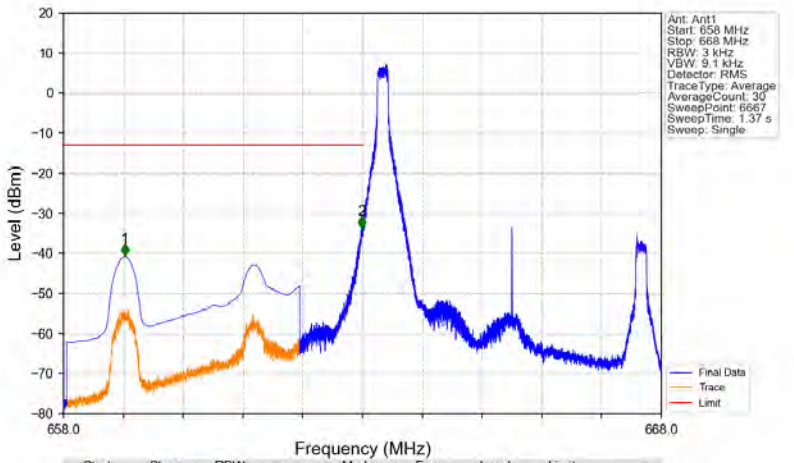
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.000	-33.50	-13	Pass
699	703	0.1	CHP	2	699.796	-44.49	-13	Pass

Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



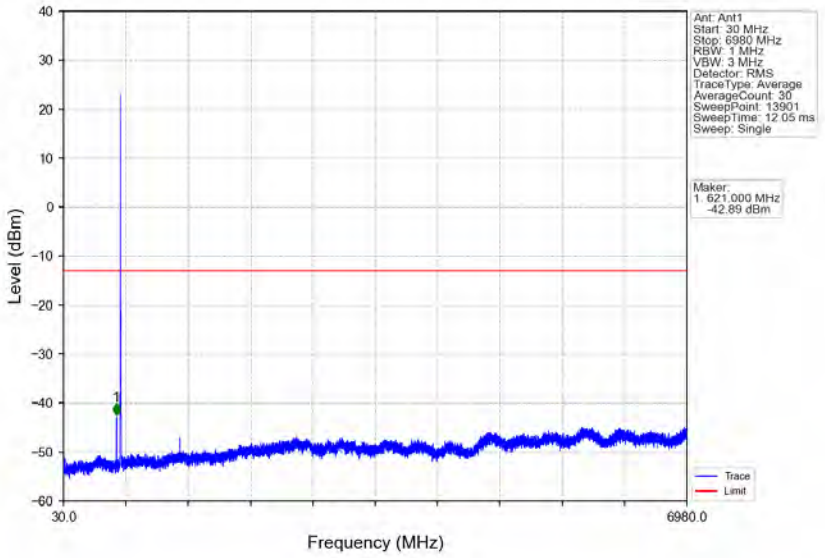
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.051	/	/	/	/	/	/
698	699	0.051	/	1	698.000	-28.32	-13	Pass
699	703	0.1	CHP	2	699.360	-34.57	-13	Pass

Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

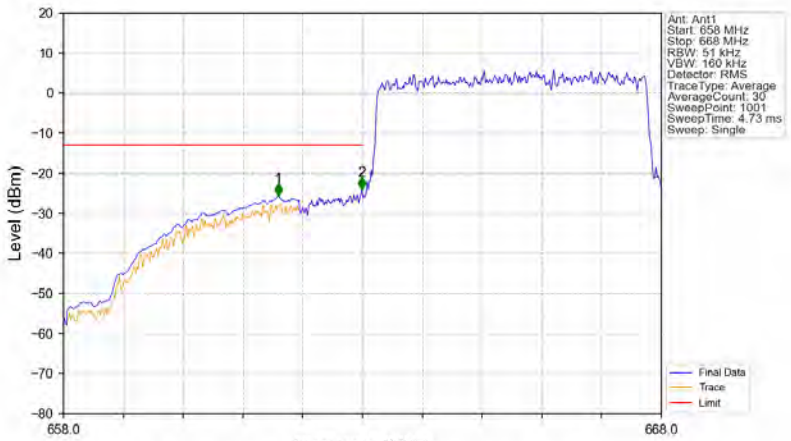


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.023	-40.71	-13	Pass
662	663	0.003	/	2	662.988	-33.75	-13	Pass
663	668	0.003	/	/	/	/	/	/

Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

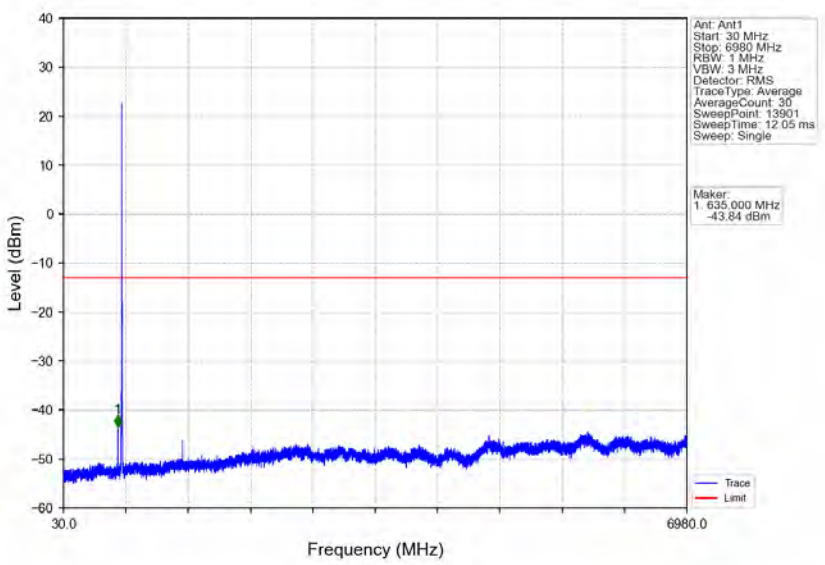


Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

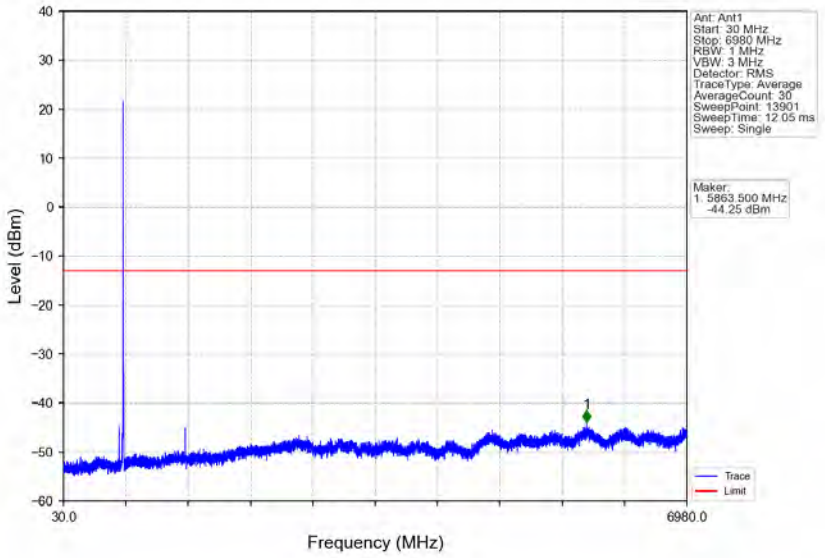


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.590	-25.74	-13	Pass
662	663	0.051	/	2	662.990	-24.14	-13	Pass
663	668	0.051	/	/	/	/	/	/

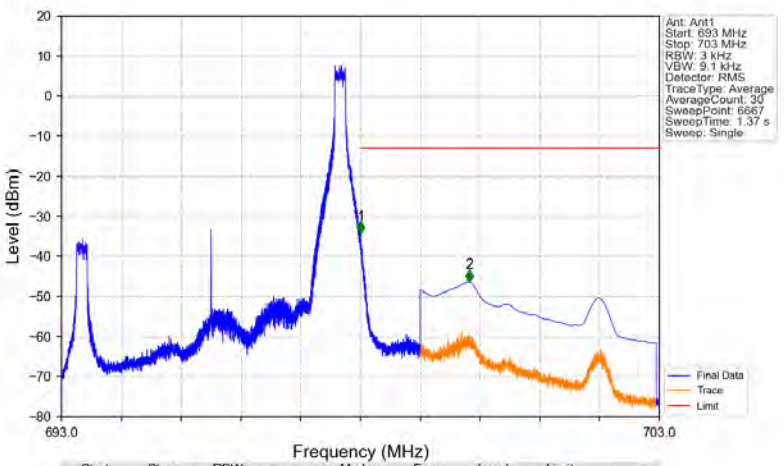
Band71_5MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_0_NTNV

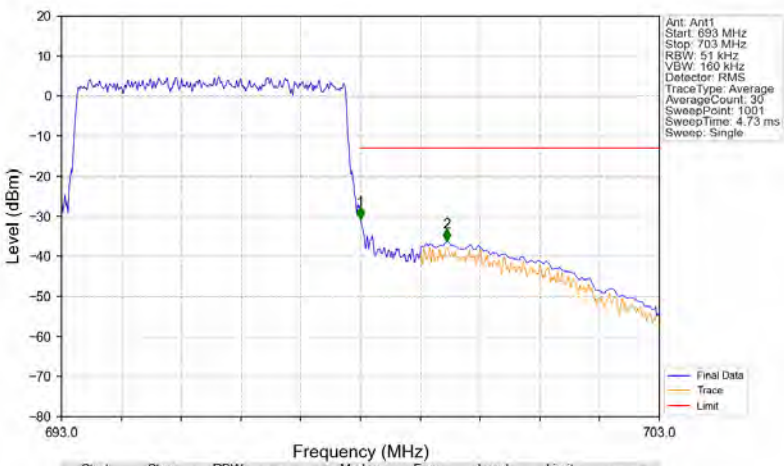


Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_24_NTNV



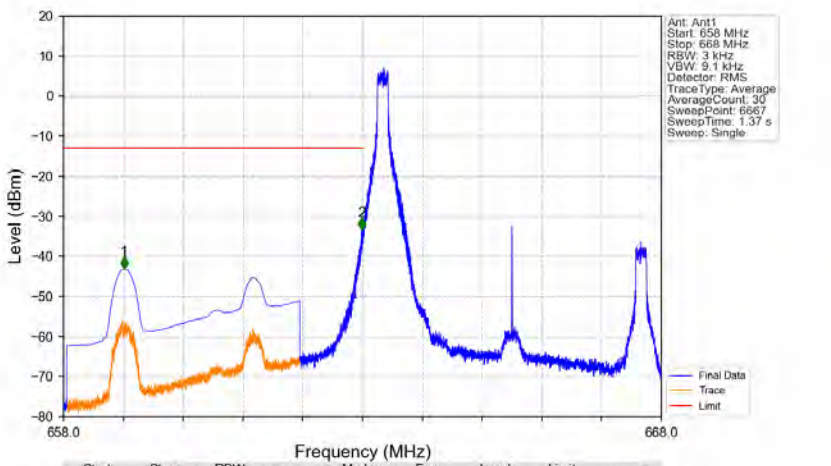
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.001	-34.36	-13	Pass
699	703	0.1	CHP	2	699.823	-46.41	-13	Pass

Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



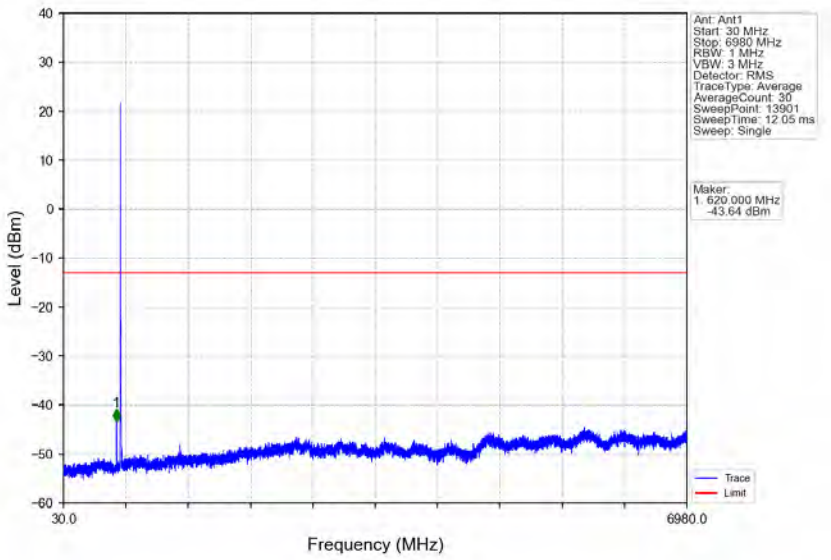
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.051	/	/	/	/	/	/
698	699	0.051	/	1	698.000	-30.77	-13	Pass
699	703	0.1	CHP	2	699.440	-36.26	-13	Pass

Band71_5MHz_64QAM_LCH_665.5MHz_RB_1_0_NTNV

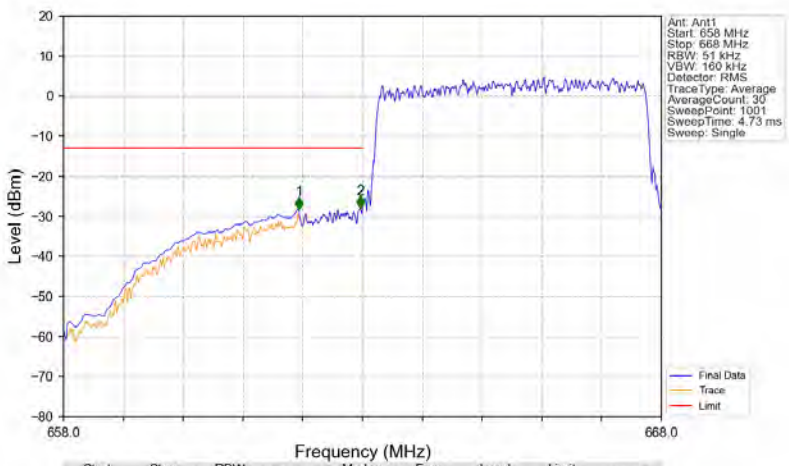


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	659.013	-43.16	-13	Pass
662	663	0.003	/	2	662.988	-33.49	-13	Pass
663	668	0.003	/	/	/	/	/	/

Band71_5MHz_64QAM_LCH_665.5MHz_RB_1_0_NTNV

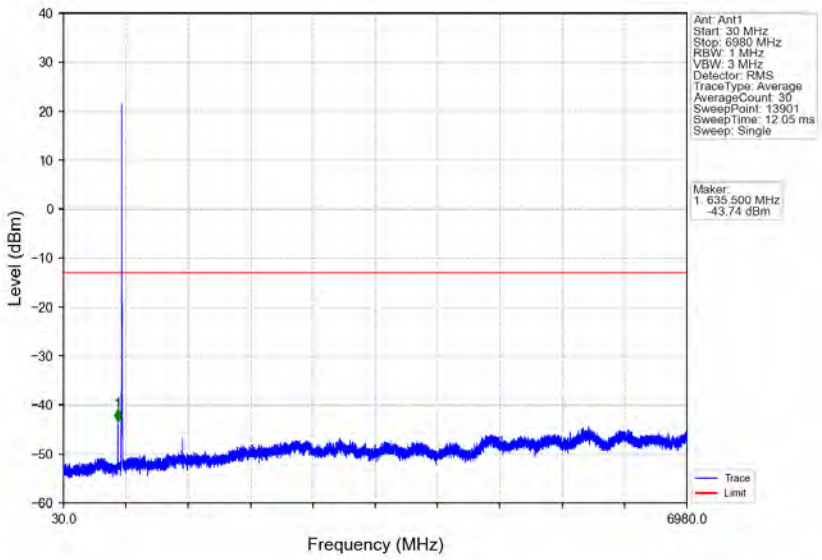


Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV

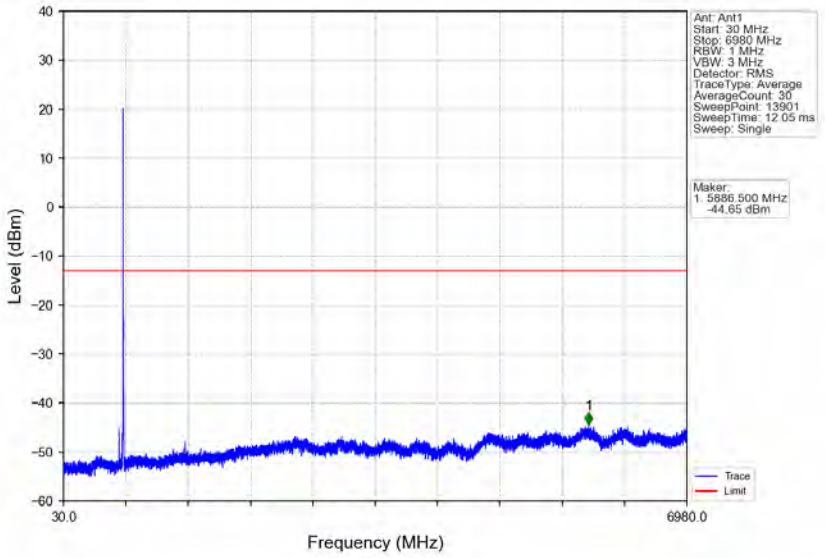


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.940	-28.24	-13	Pass
662	663	0.051	/	2	662.970	-27.99	-13	Pass
663	668	0.051	/	/	/	/	/	/

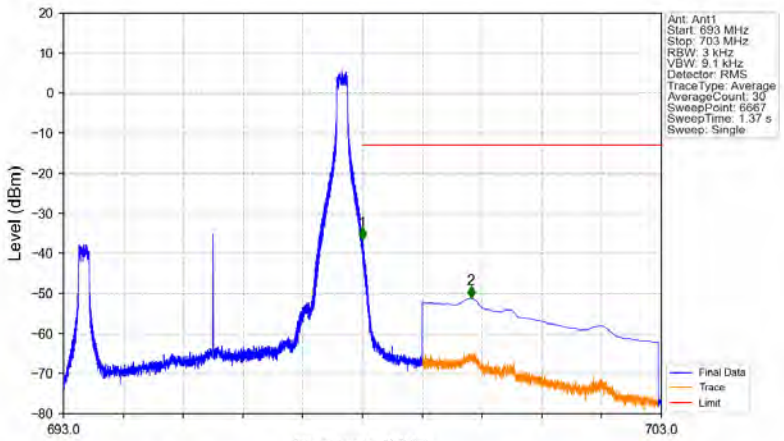
Band71_5MHz_64QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_64QAM_HCH_695.5MHz_RB_1_0_NTNV

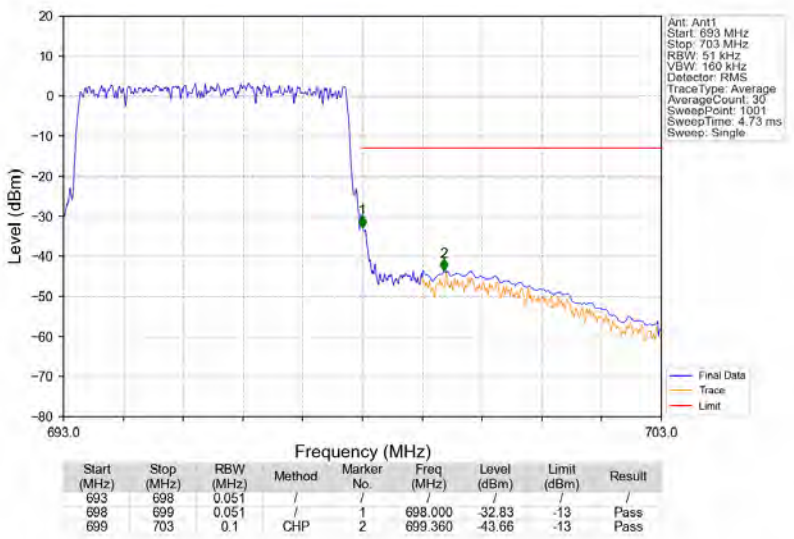


Band71_5MHz_64QAM_HCH_695.5MHz_RB_1_24_NTNV



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	698.000	-36.61	-13	Pass
699	703	0.1	CHP	2	699.815	-51.17	-13	Pass

Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



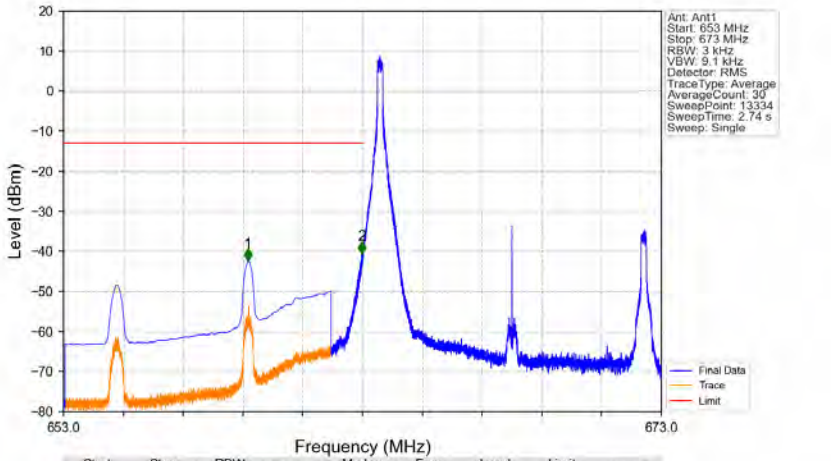
6.2 B71_10MHz

6.2.1 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
16QAM	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
64QAM	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

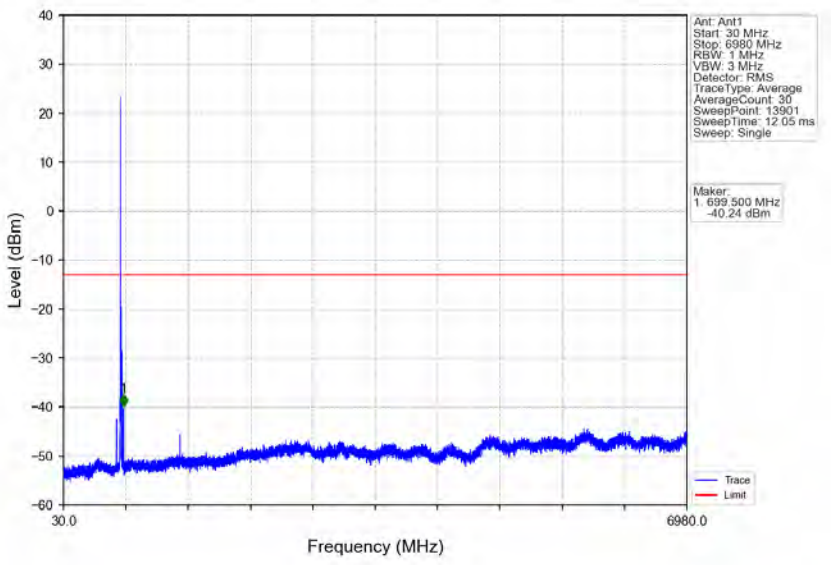
6.2.2 Test Graph

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

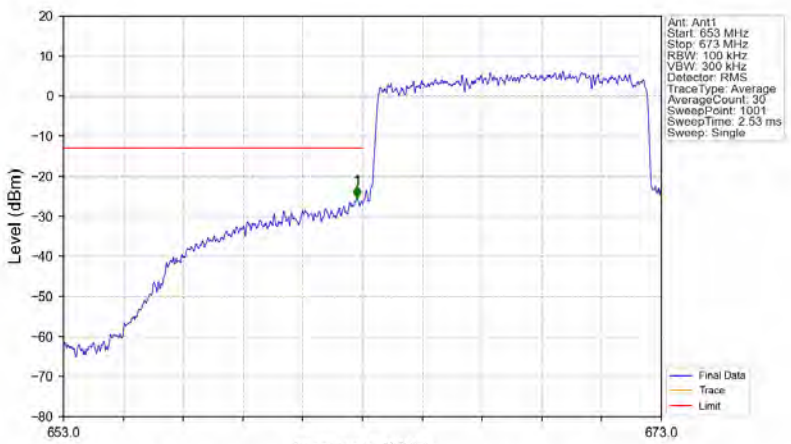


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	CHP	1	659.167	-42.44	-13	Pass
662	663	0.003	/	2	662.987	-40.60	-13	Pass
663	673	0.003	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

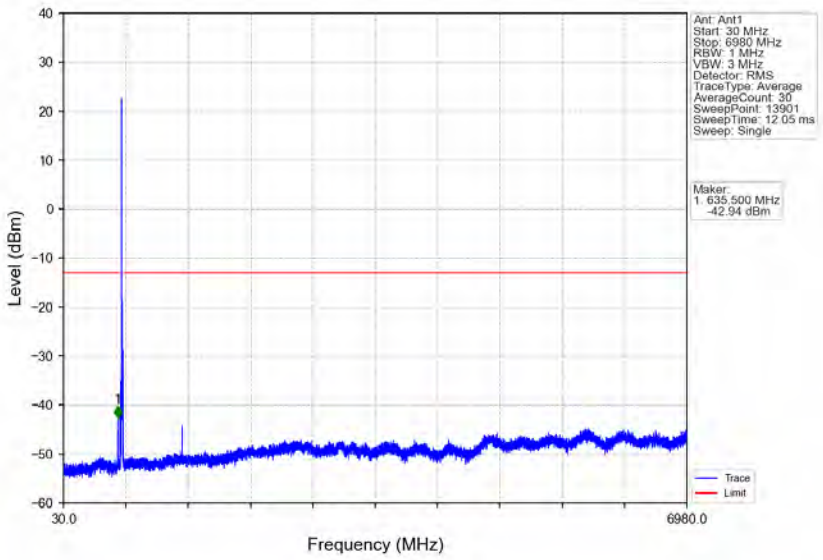


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

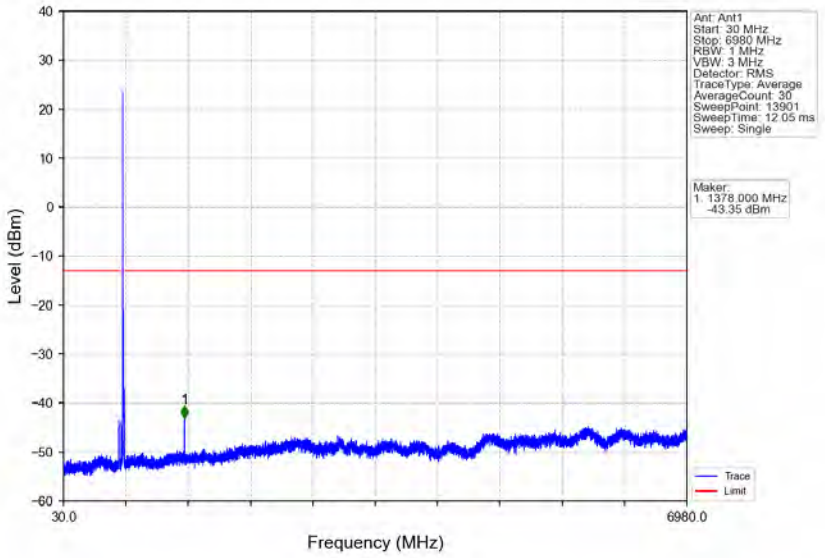


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	663	0.1	/	1	662.820	-25.48	-13	Pass
663	673	0.1	/	/	/	/	/	/

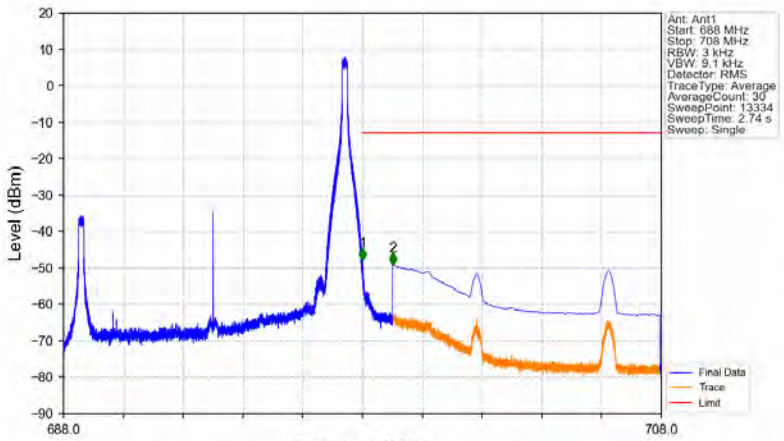
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

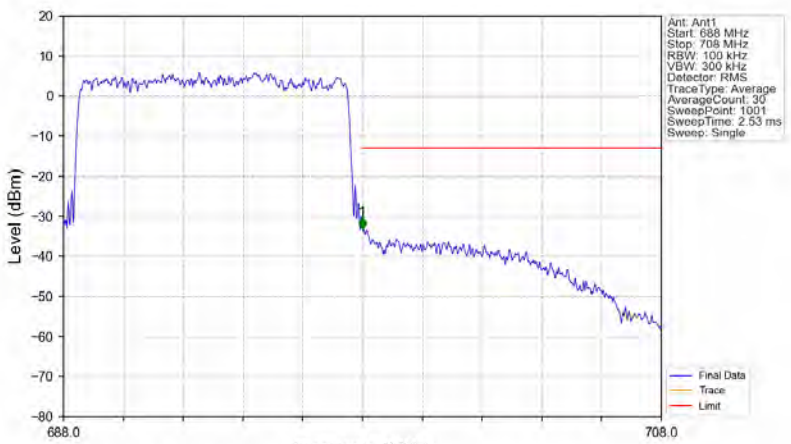


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



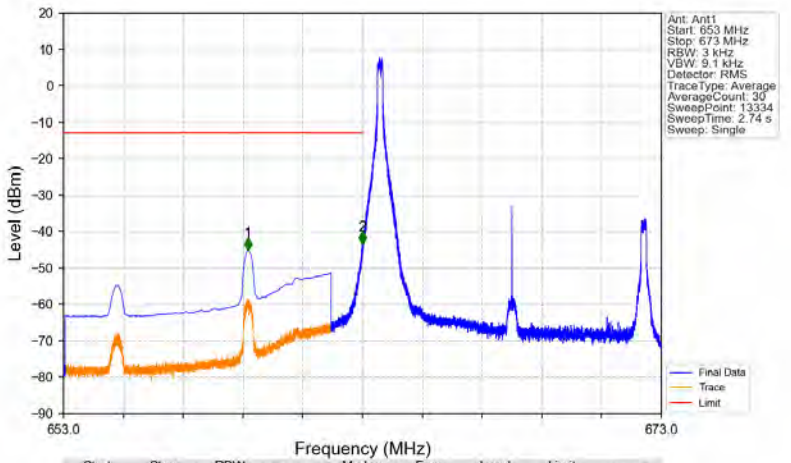
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.002	-47.93	-13	Pass
699	708	0.1	CHP	2	699.015	-49.21	-13	Pass

Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



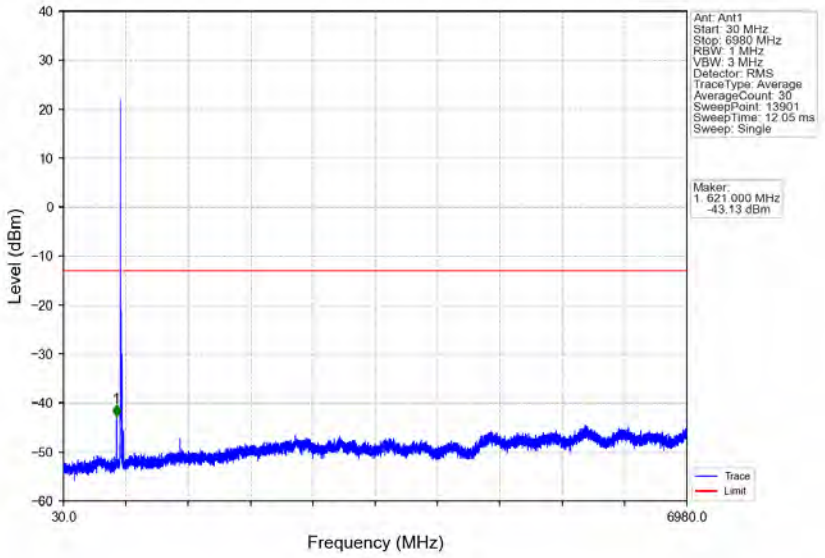
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.1	/	/	/	/	/	/
698	708	0.1	/	1	698.000	-33.33	-13	Pass

Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV

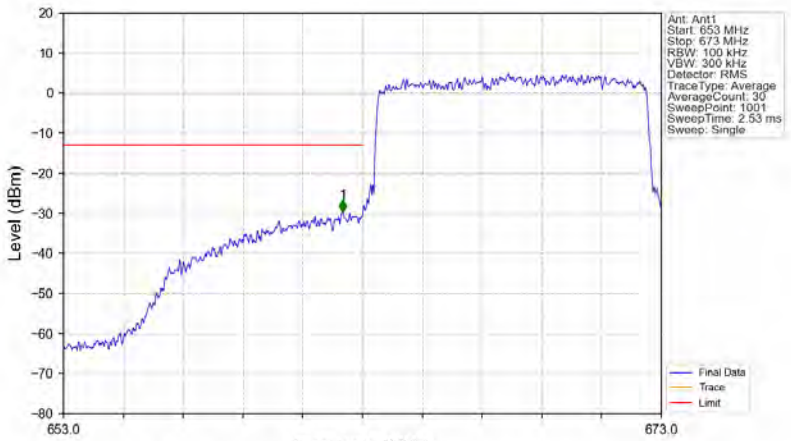


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	CHP	1	659.164	-45.26	-13	Pass
662	663	0.003	/	2	662.999	-43.41	-13	Pass
663	673	0.003	/	/	/	/	/	/

Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV

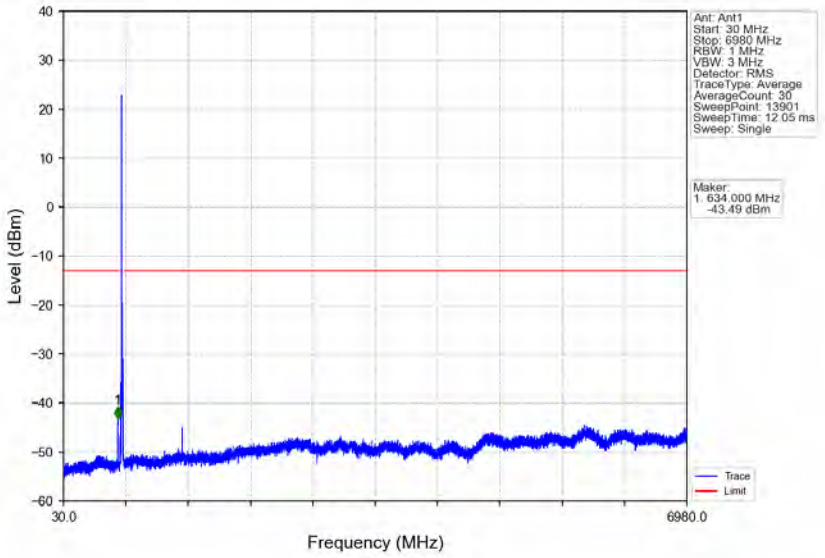


Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV

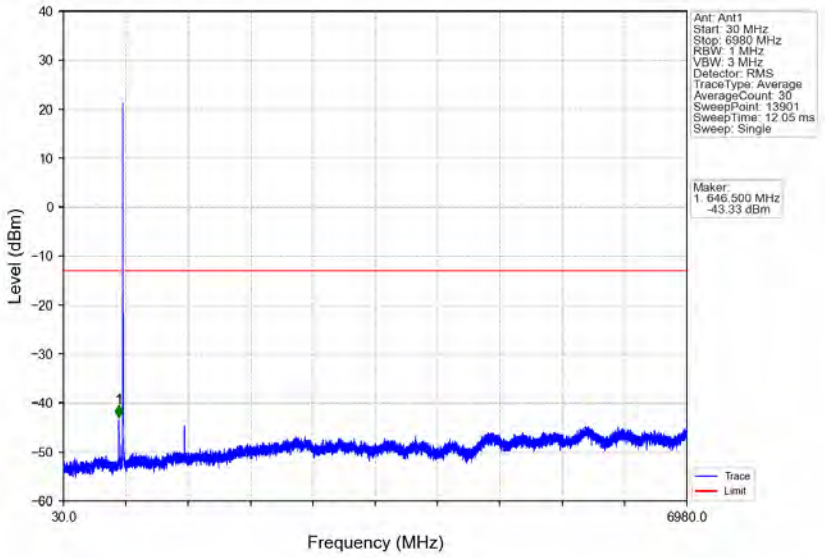


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	663	0.1	/	1	662.340	-29.69	-13	Pass
663	673	0.1	/	/	/	/	/	/

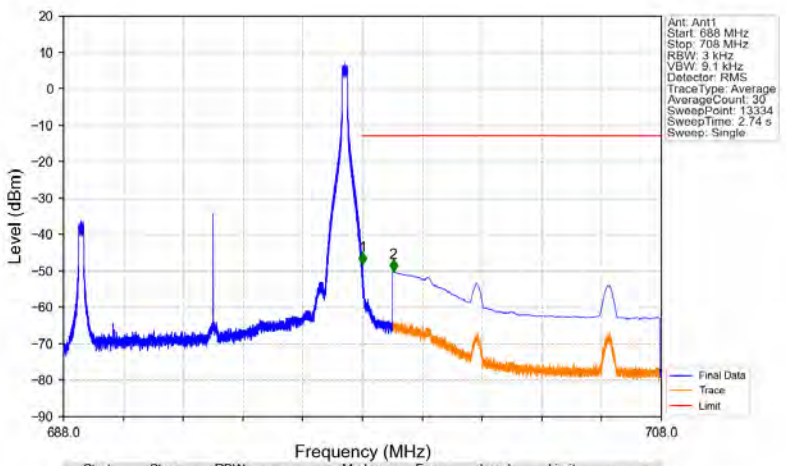
Band71_10MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_1_0_NTNV

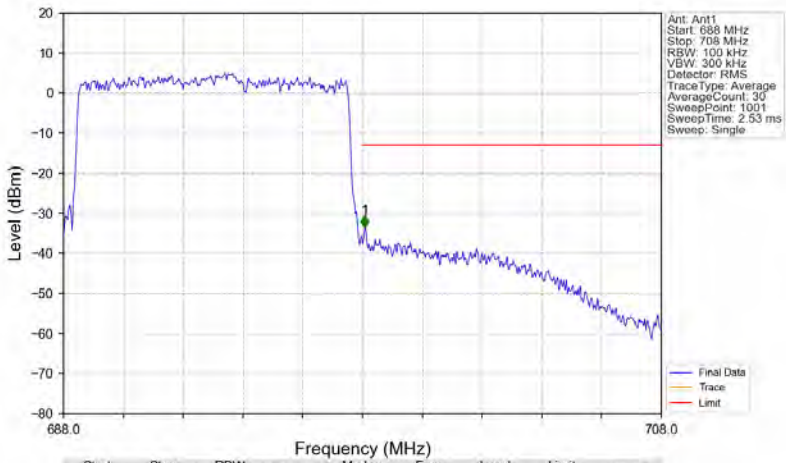


Band71_10MHz_16QAM_HCH_693MHz_RB_1_49_NTNV



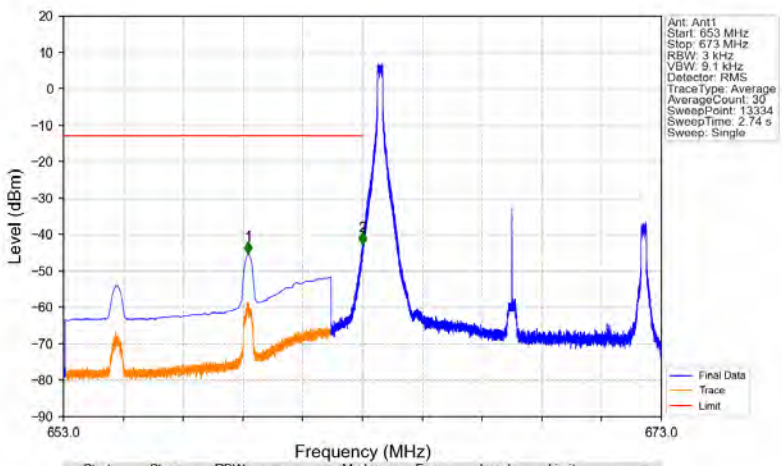
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.002	-48.37	-13	Pass
699	708	0.1	CHP	2	699.031	-50.27	-13	Pass

Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



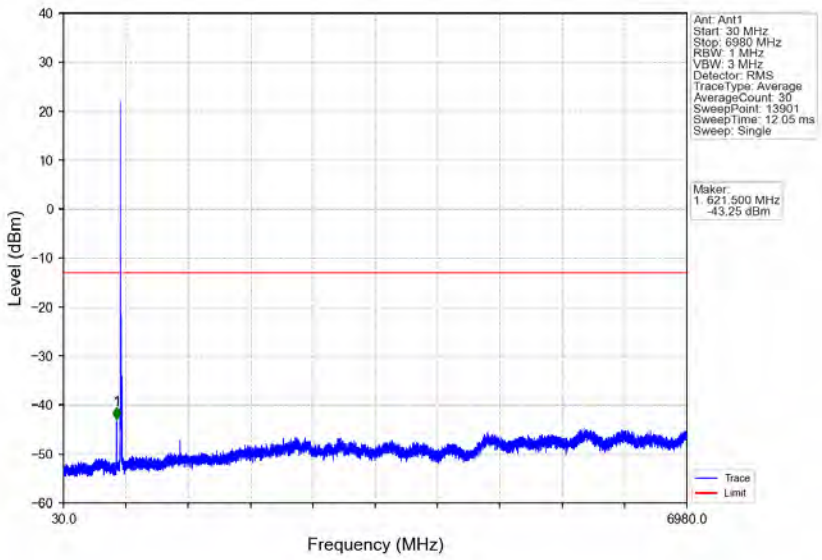
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.1	/	/	/	/	/	/
698	708	0.1	/	1	698.080	-33.61	-13	Pass

Band71_10MHz_64QAM_LCH_668MHz_RB_1_0_NTNV

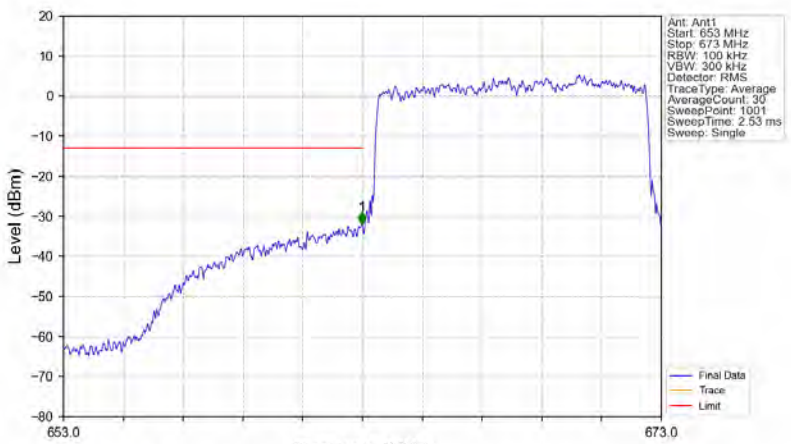


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	CHP	1	659.179	-45.40	-13	Pass
662	663	0.003	/	2	662.999	-42.80	-13	Pass
663	673	0.003	/	/	/	/	/	/

Band71_10MHz_64QAM_LCH_668MHz_RB_1_0_NTNV

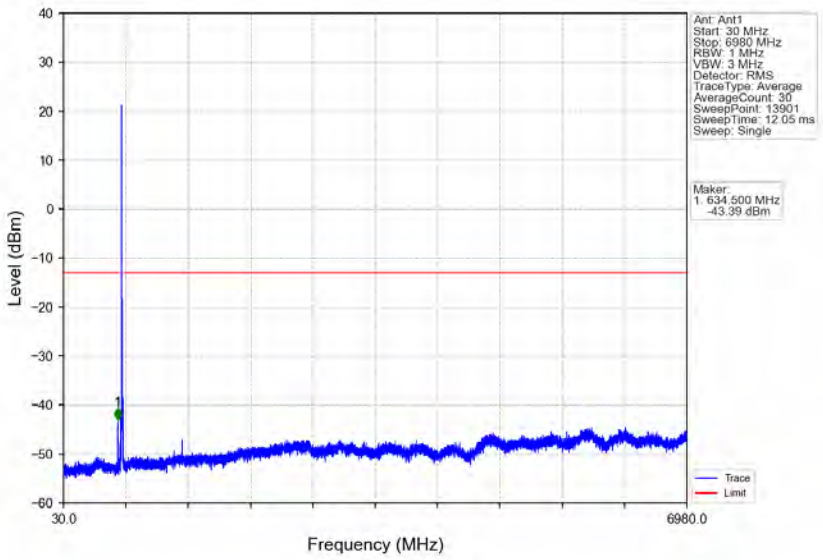


Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV

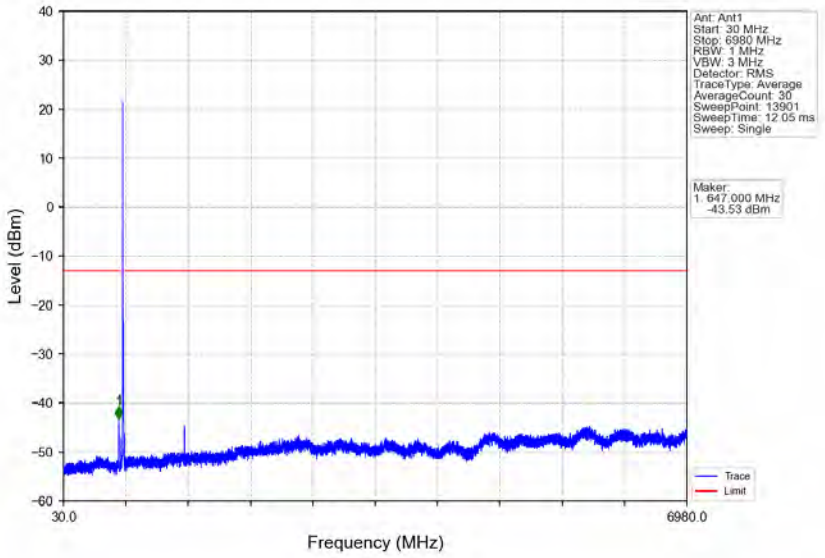


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	663	0.1	/	1	662.980	-32.01	-13	Pass
663	673	0.1	/	/	/	/	/	/

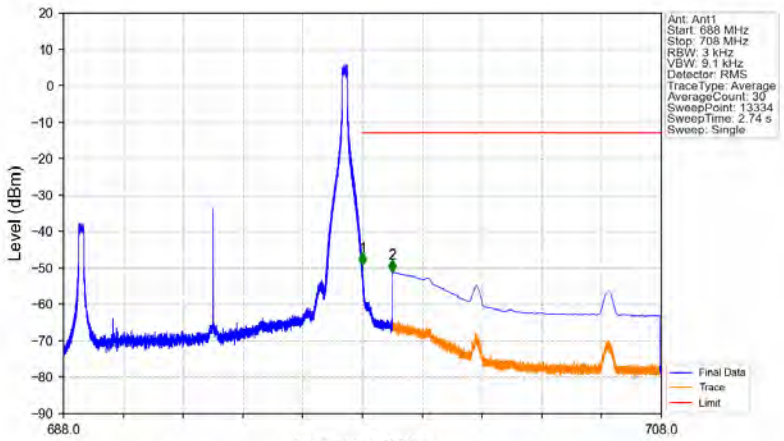
Band71_10MHz_64QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_64QAM_HCH_693MHz_RB_1_0_NTNV

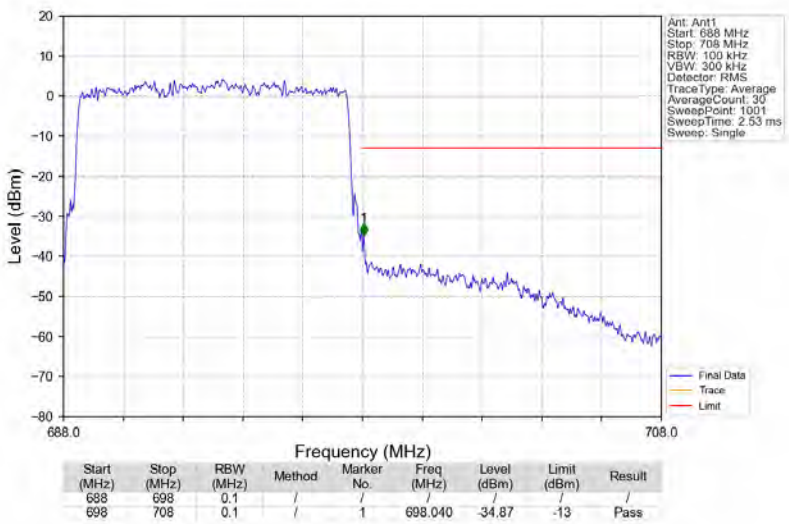


Band71_10MHz_64QAM_HCH_693MHz_RB_1_49_NTNV



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	698.002	-49.33	-13	Pass
699	708	0.1	CHP	2	699.001	-51.18	-13	Pass

Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



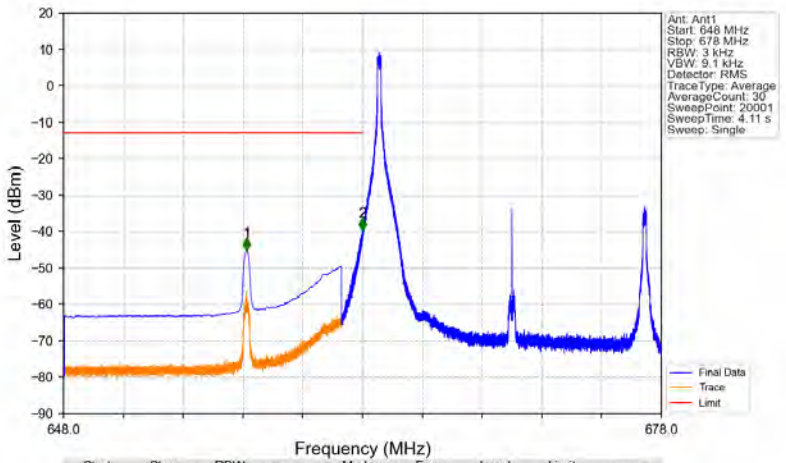
6.3 B71_15MHz

6.3.1 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
16QAM	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
64QAM	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

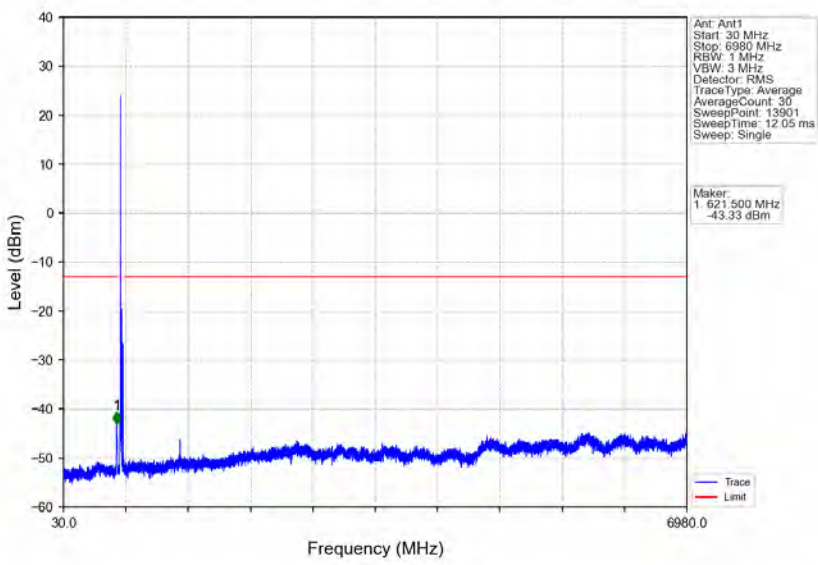
6.3.2 Test Graph

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

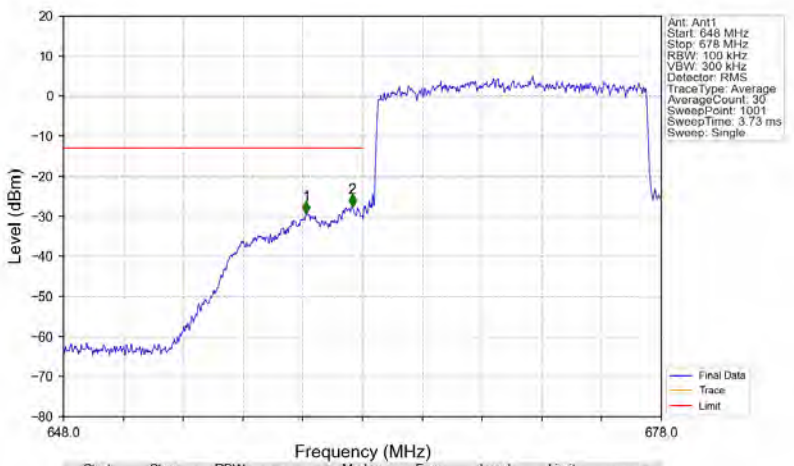


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	CHP	1	657.193	-45.19	-13	Pass
662	663	0.003	/	2	663.000	-39.73	-13	Pass
663	678	0.003	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

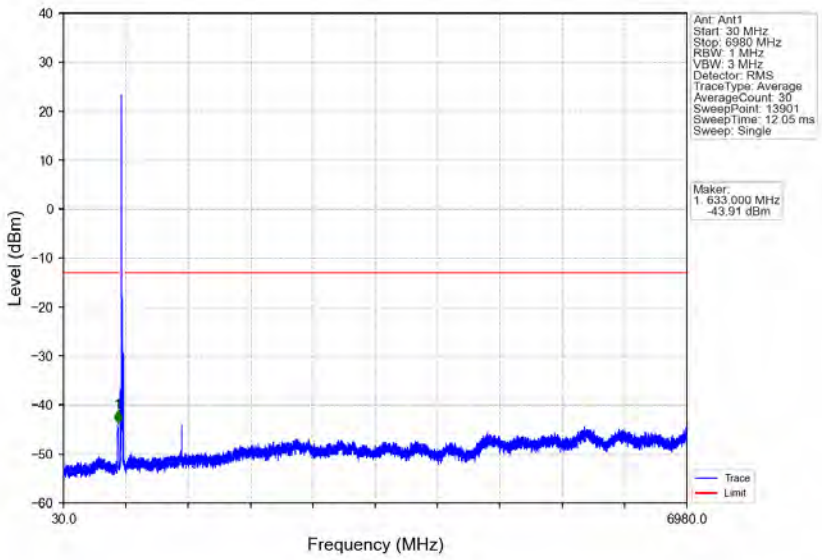


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

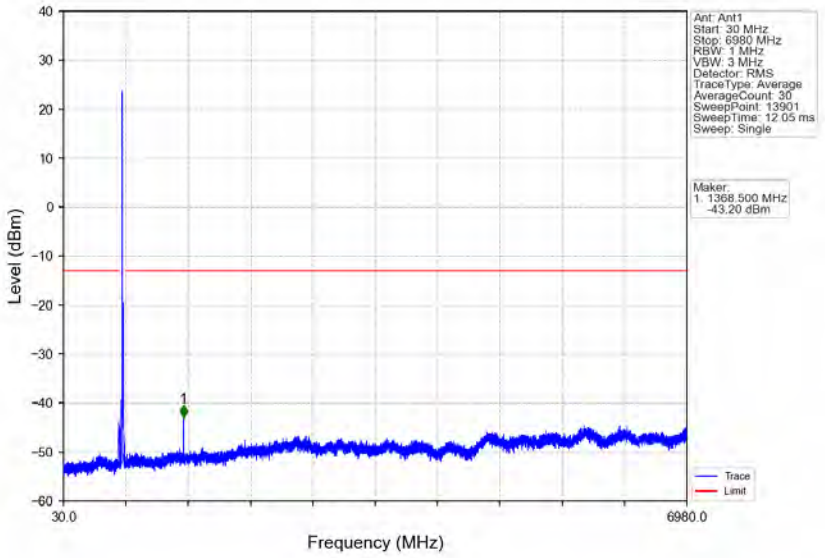


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	660.180	-29.40	-13	Pass
662	663	0.151	/	2	662.490	-27.62	-13	Pass
663	678	0.151	/	/	/	/	/	/

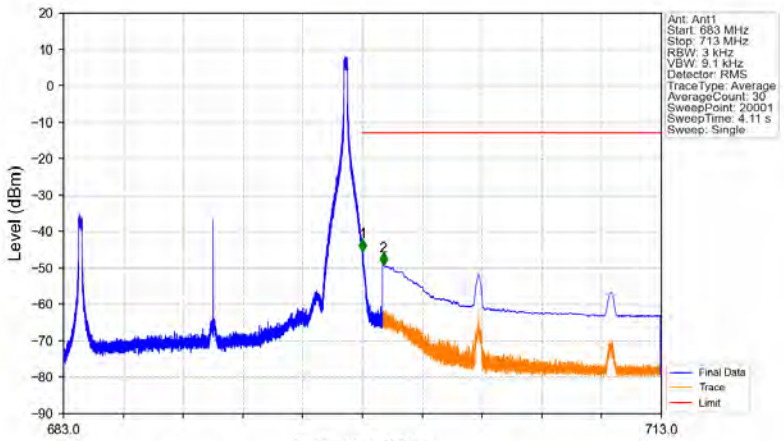
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

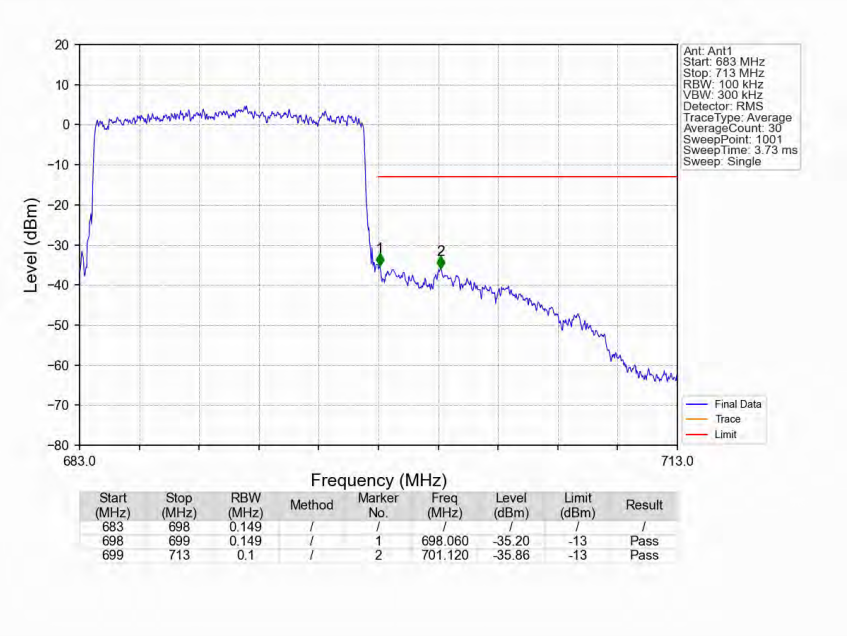


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



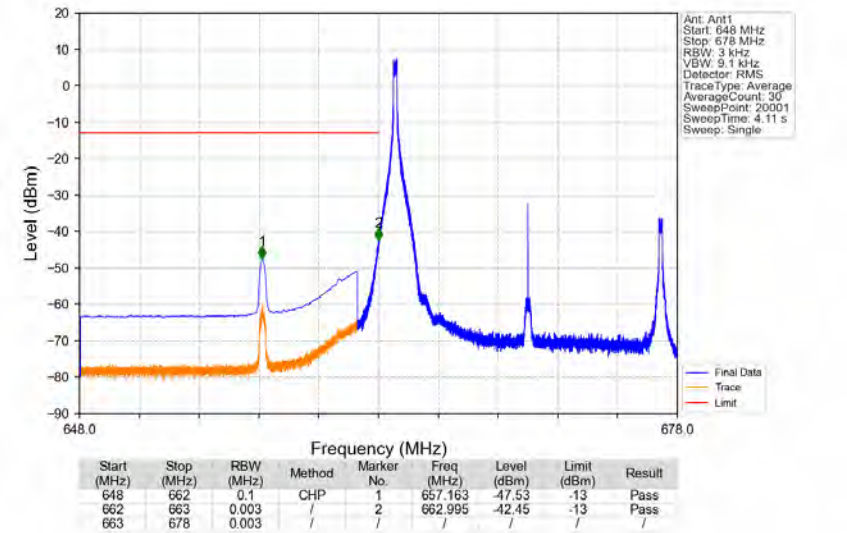
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.003	-45.50	-13	Pass
699	713	0.1	CHP	2	699.050	-49.20	-13	Pass

Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



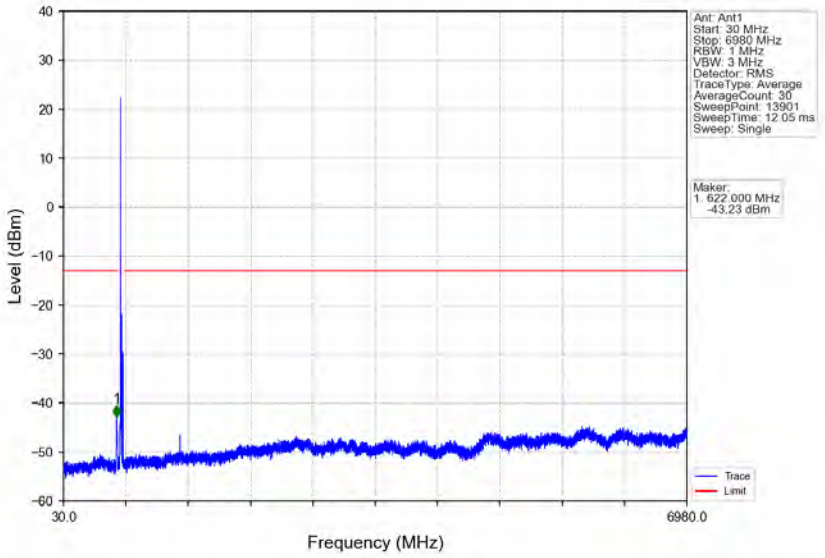
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.149	/	/	/	/	/	/
698	699	0.149	/	1	698.060	-35.20	-13	Pass
699	713	0.1	/	2	701.120	-35.86	-13	Pass

Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV

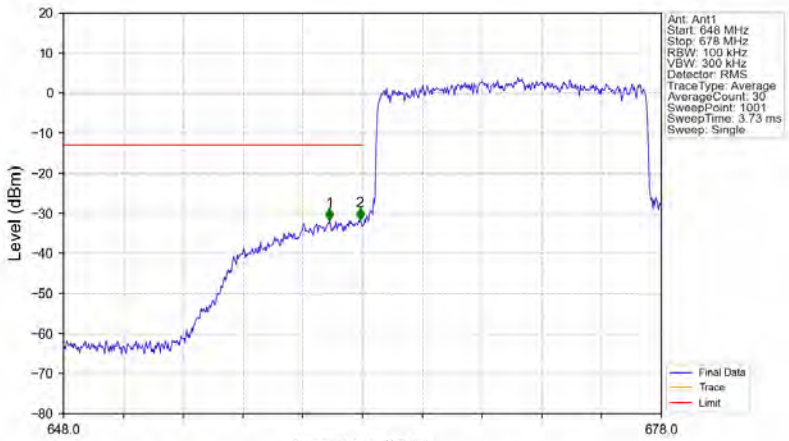


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	CHP	1	657.163	-47.53	-13	Pass
662	663	0.003	/	2	662.995	-42.45	-13	Pass
663	678	0.003	/	/	/	/	/	/

Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV

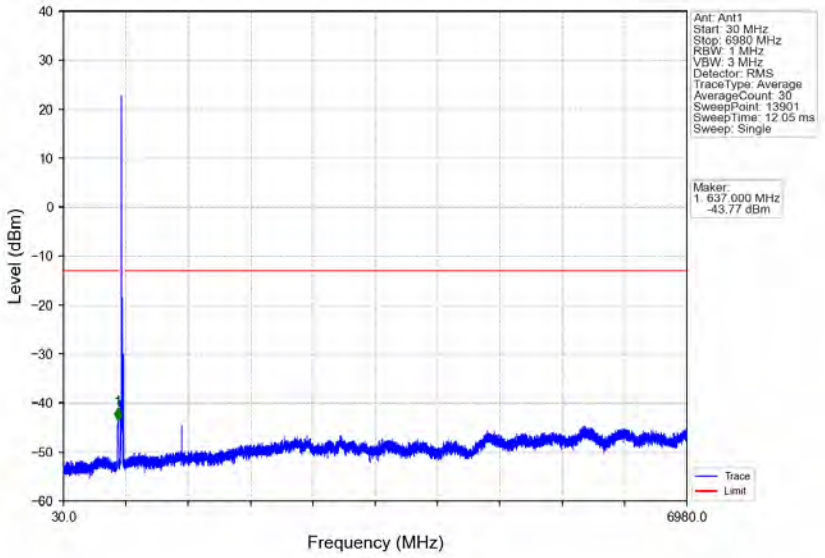


Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV

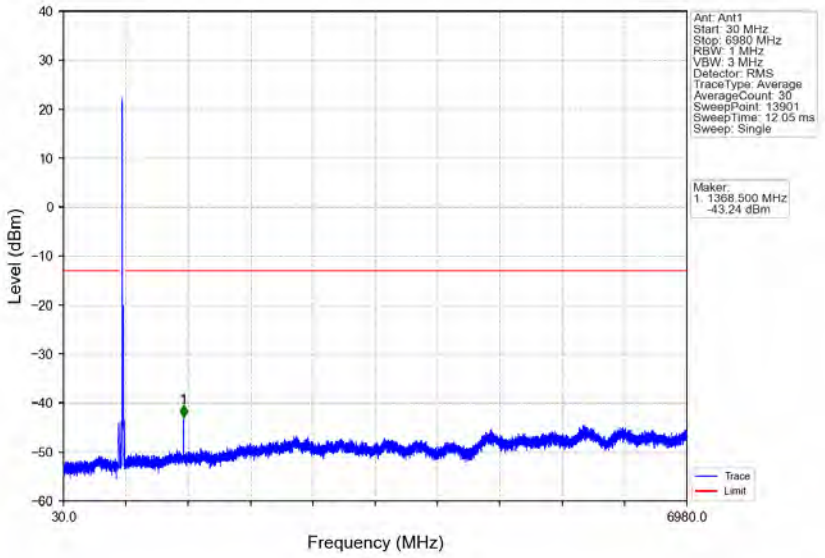


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.350	-31.91	-13	Pass
662	663	0.149	/	2	662.880	-31.68	-13	Pass
663	678	0.149	/	/	/	/	/	/

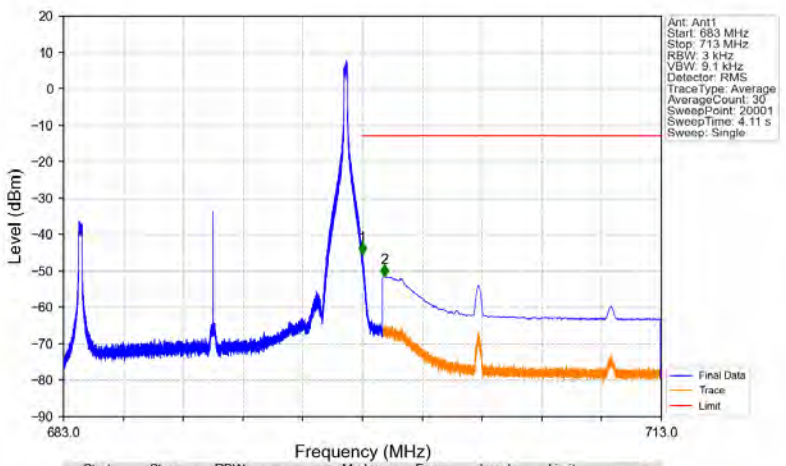
Band71_15MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_0_NTNV

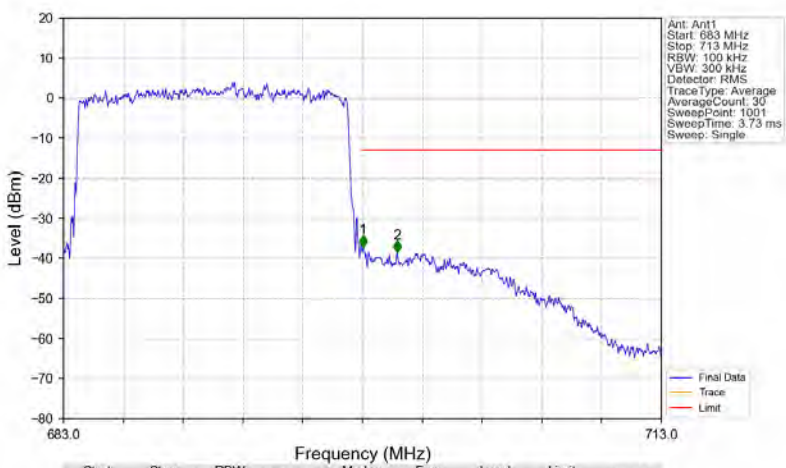


Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_74_NTNV



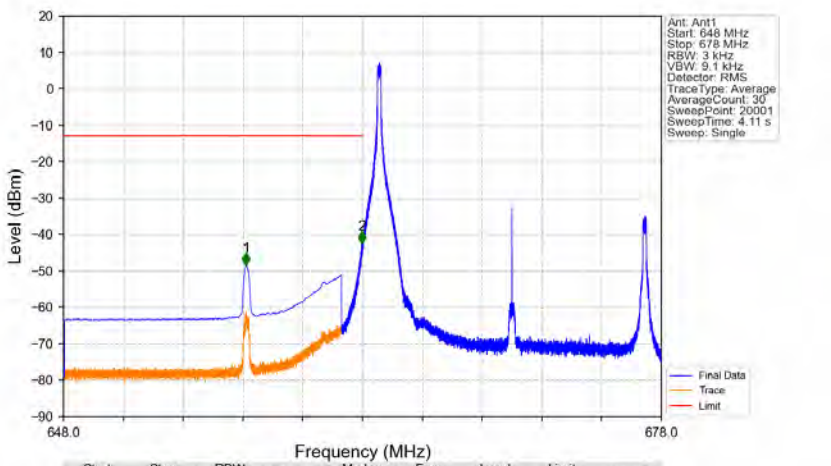
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.000	-45.52	-13	Pass
699	713	0.1	CHP	2	699.093	-51.60	-13	Pass

Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



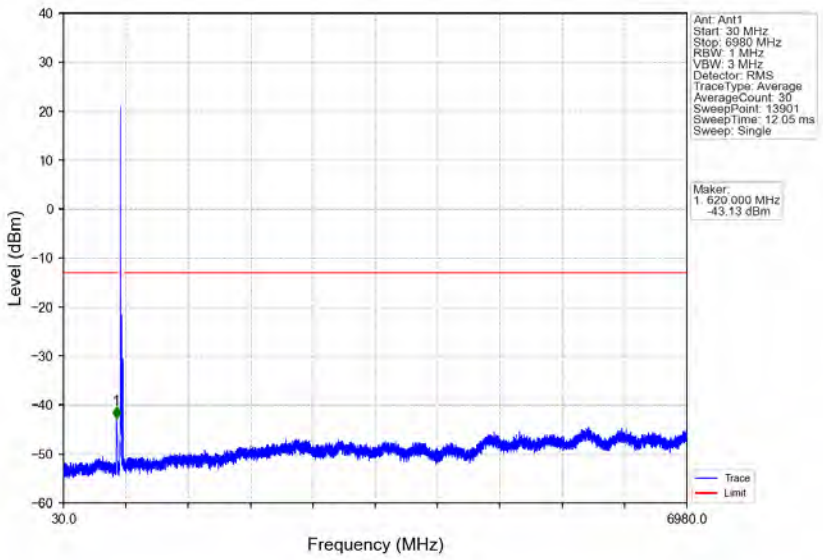
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.149	/	/	/	/	/	/
698	699	0.149	/	1	698.030	-37.23	-13	Pass
699	713	0.1	/	2	699.740	-38.53	-13	Pass

Band71_15MHz_64QAM_LCH_670.5MHz_RB_1_0_NTNV

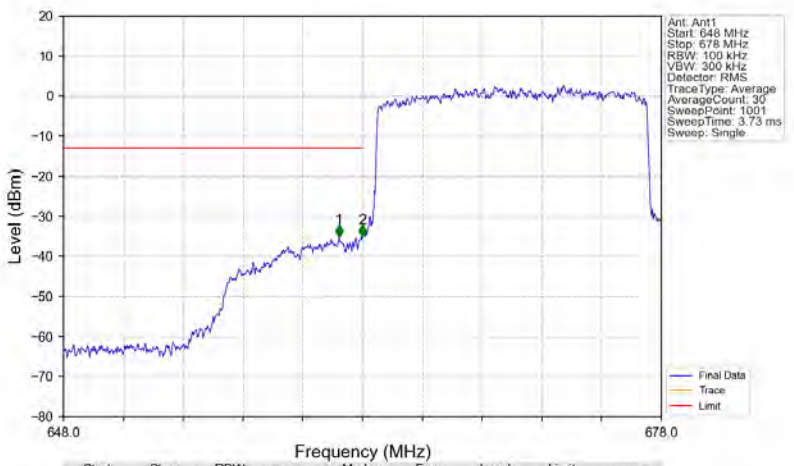


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	CHP	1	657.159	-48.43	-13	Pass
662	663	0.003	/	2	662.968	-42.49	-13	Pass
663	678	0.003	/	/	/	/	/	/

Band71_15MHz_64QAM_LCH_670.5MHz_RB_1_0_NTNV

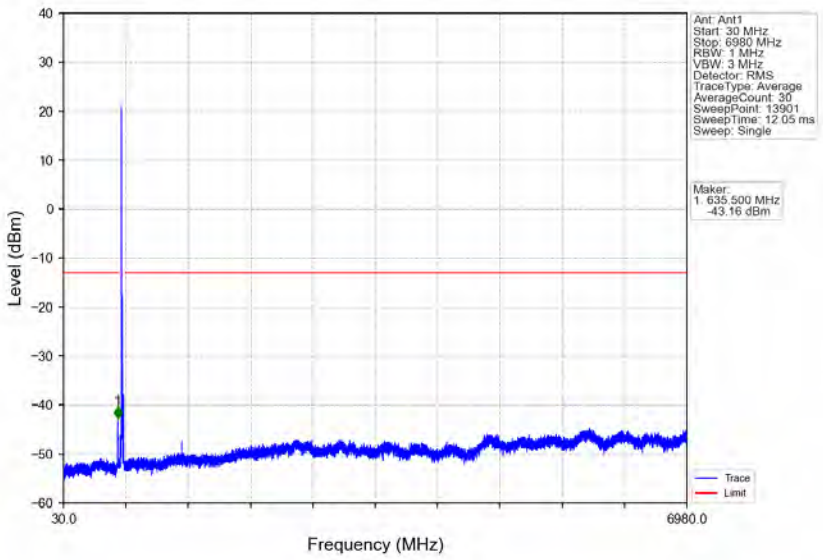


Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV

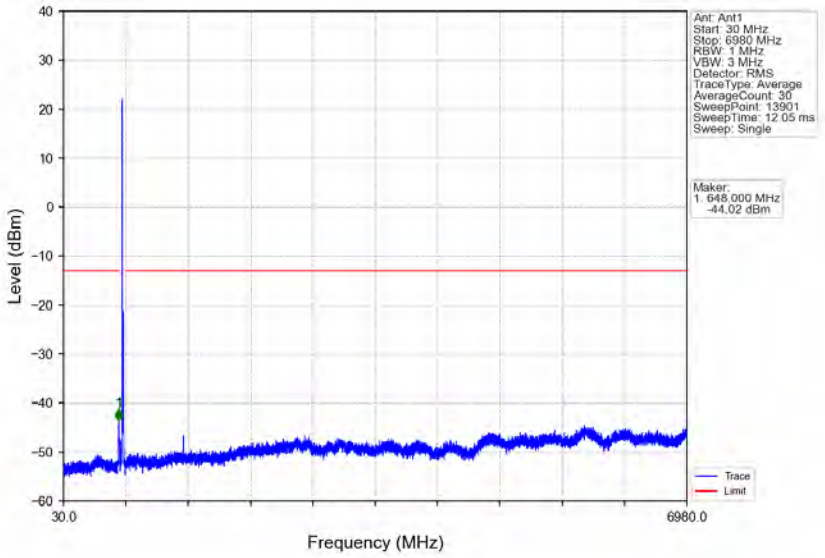


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.830	-35.17	-13	Pass
662	663	0.149	/	2	663.000	-35.24	-13	Pass
663	678	0.149	/	/	/	/	/	/

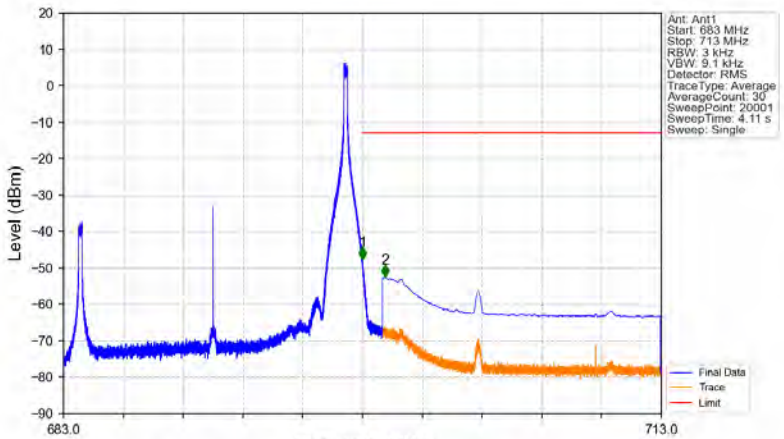
Band71_15MHz_64QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_64QAM_HCH_690.5MHz_RB_1_0_NTNV

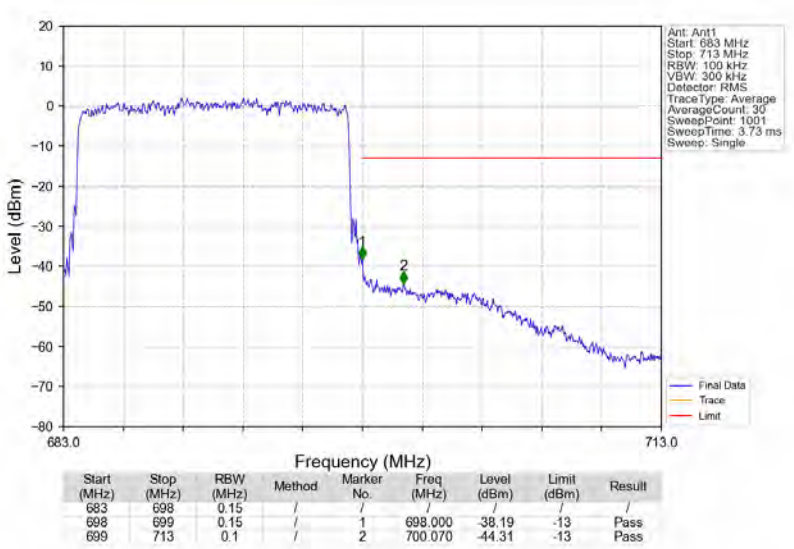


Band71_15MHz_64QAM_HCH_690.5MHz_RB_1_74_NTNV



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	698.005	-47.74	-13	Pass
699	713	0.1	CHP	2	699.137	-52.55	-13	Pass

Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



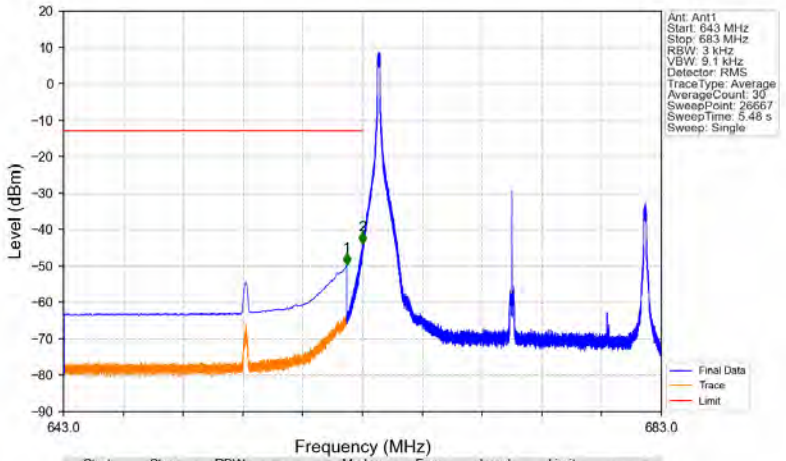
6.4 B71_20MHz

6.4.1 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
16QAM	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
64QAM	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

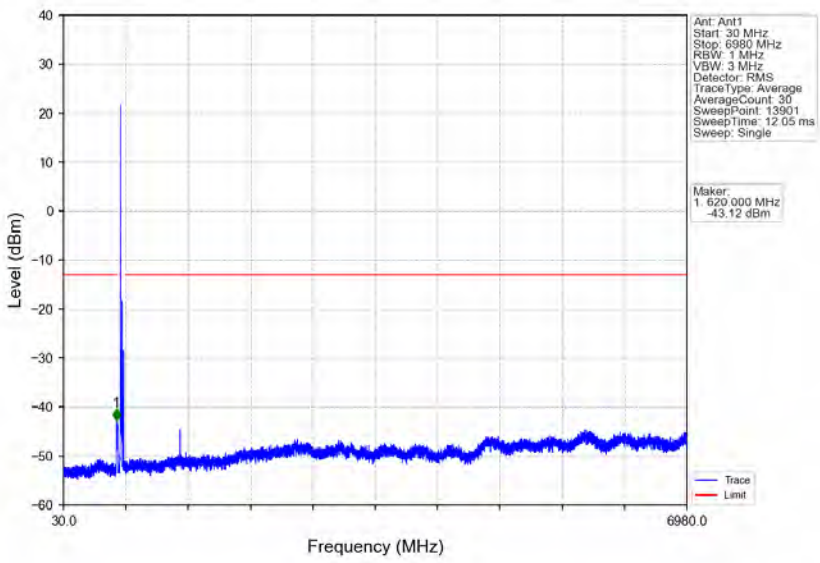
6.4.2 Test Graph

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

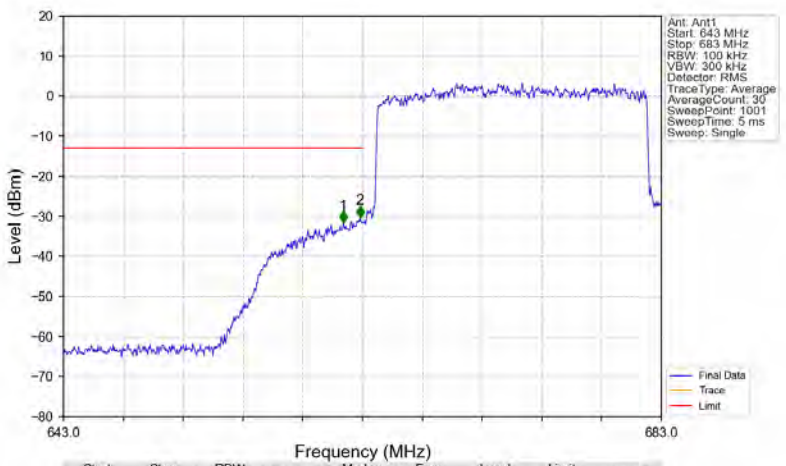


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	CHP	1	661.950	-49.82	-13	Pass
662	663	0.003	/	2	662.997	-44.11	-13	Pass
663	683	0.003	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

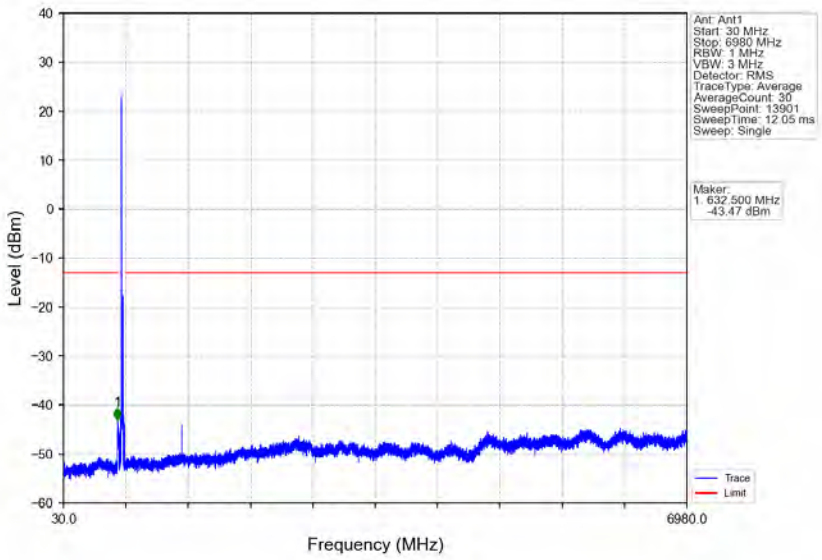


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

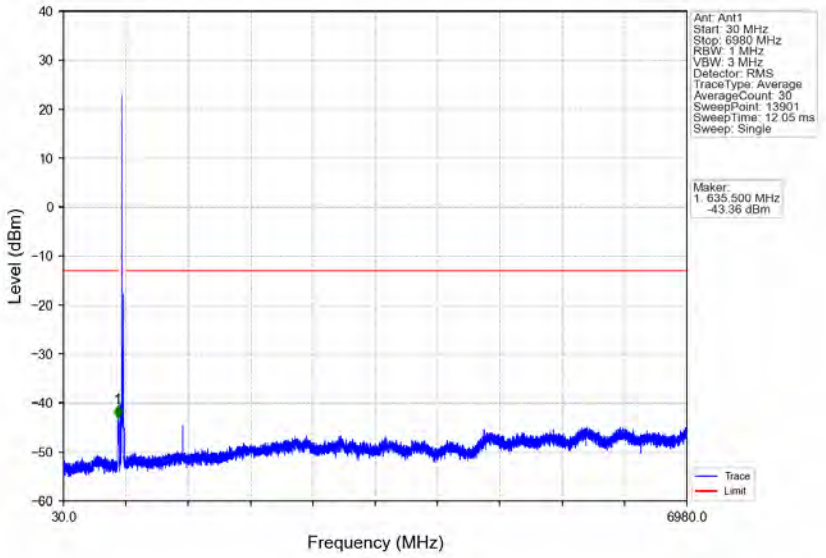


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	661.720	-31.65	-13	Pass
662	663	0.197	/	2	662.840	-30.37	-13	Pass
663	683	0.197	/	/	/	/	/	/

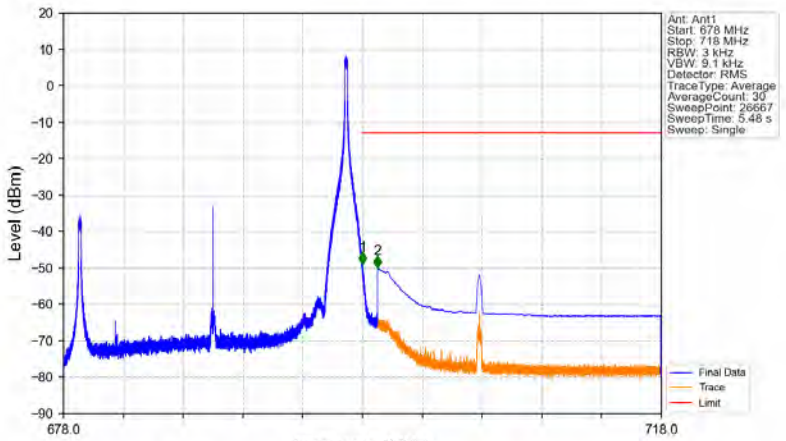
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

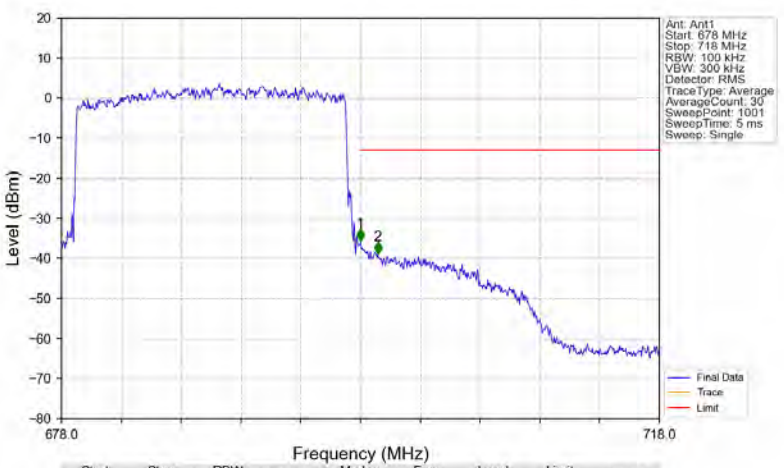


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



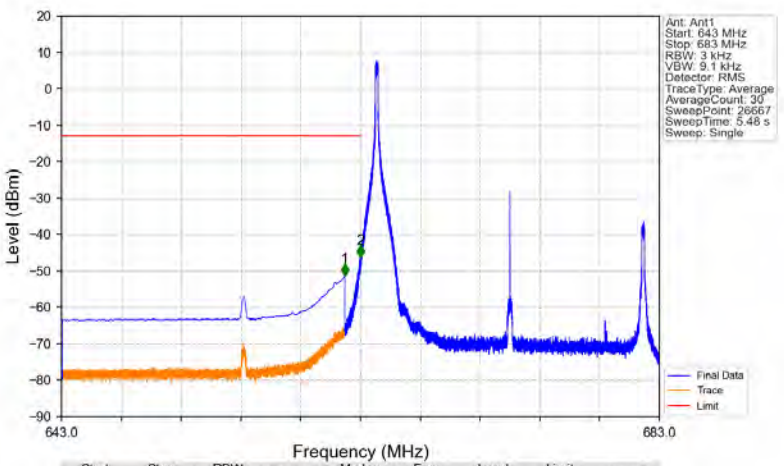
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.019	-49.14	-13	Pass
699	718	0.1	CHP	2	699.001	-50.04	-13	Pass

Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



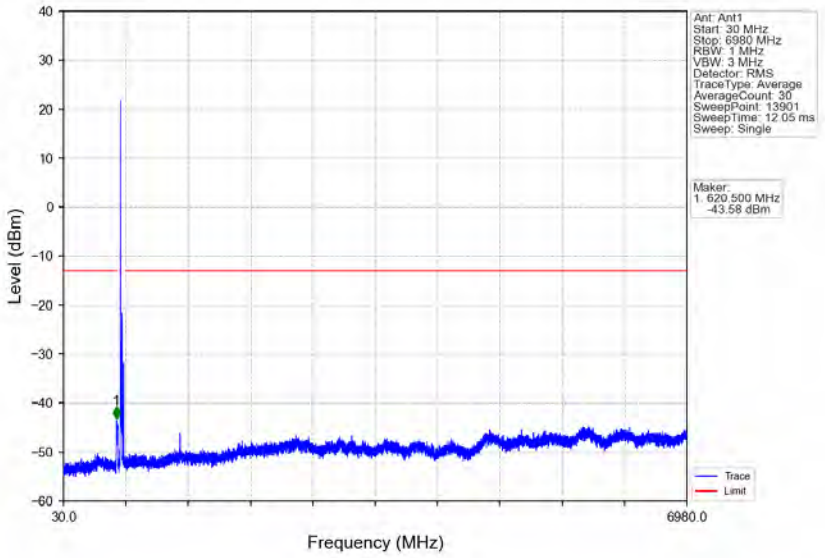
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.196	/	/	/	/	/	/
698	699	0.196	/	1	698.000	-35.81	-13	Pass
699	718	0.1	/	2	699.160	-38.89	-13	Pass

Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV

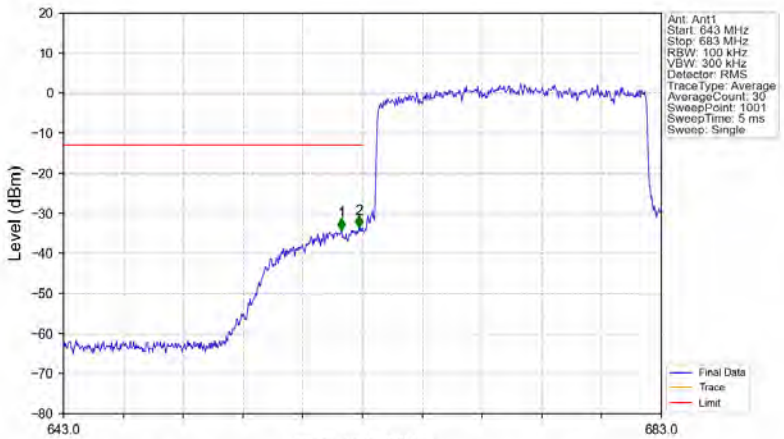


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	CHP	1	661.950	-51.39	-13	Pass
662	663	0.003	/	2	662.999	-46.38	-13	Pass
663	683	0.003	/	/	/	/	/	/

Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV

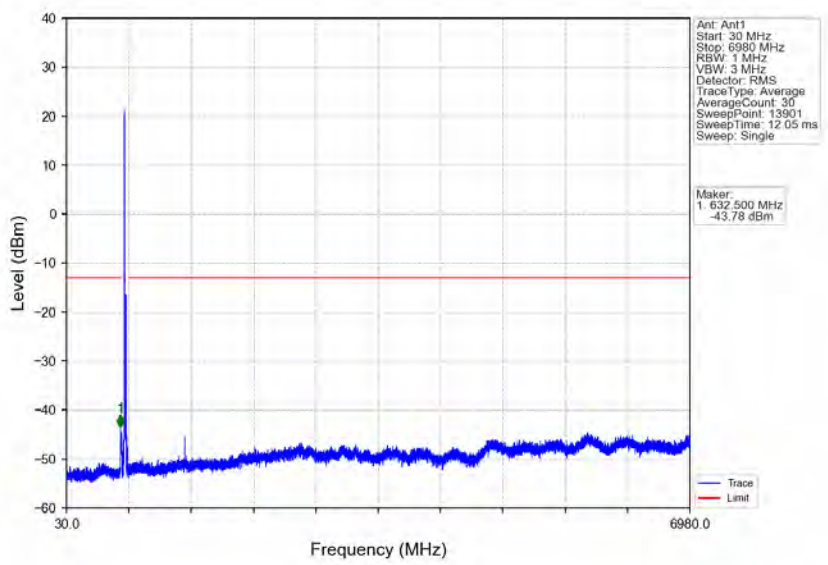


Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV

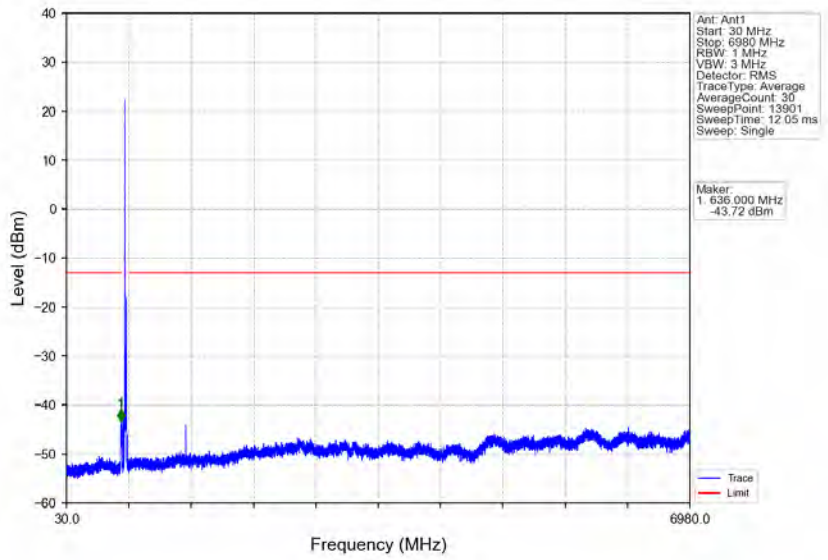


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	661.600	-34.25	-13	Pass
662	663	0.196	/	2	662.760	-33.60	-13	Pass
663	683	0.196	/	/	/	/	/	/

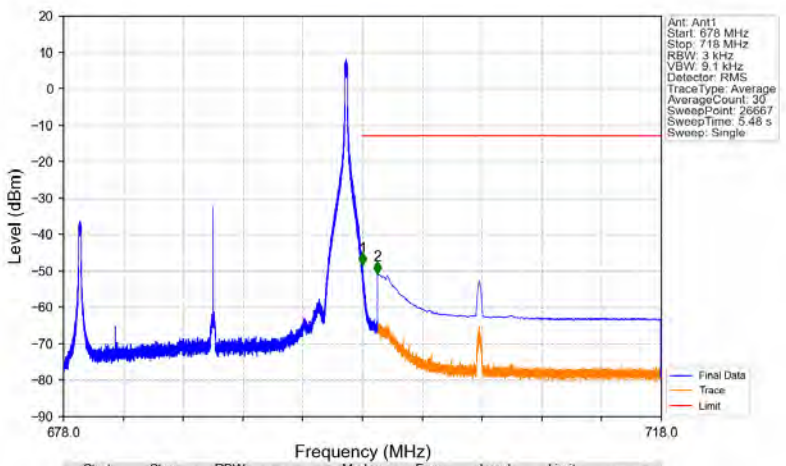
Band71_20MHz_16QAM_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_1_0_NTNV

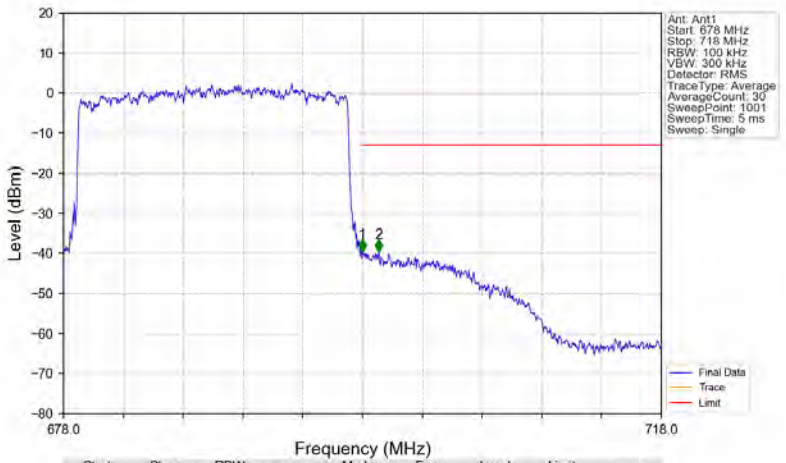


Band71_20MHz_16QAM_HCH_688MHz_RB_1_99_NTNV



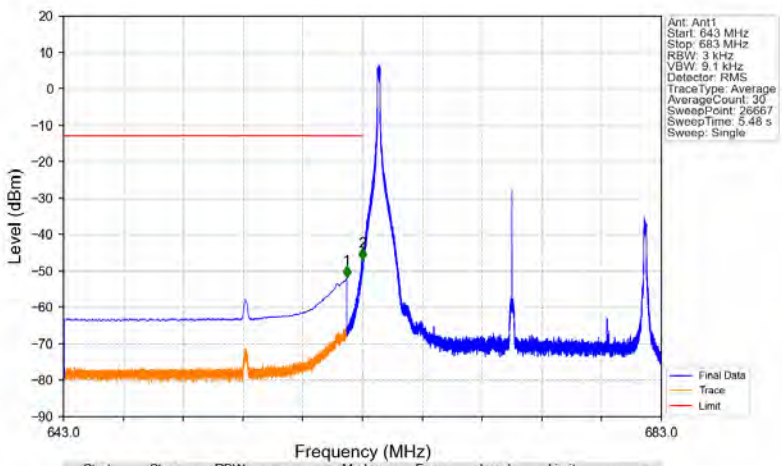
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.006	-48.44	-13	Pass
699	718	0.1	CHP	2	699.001	-50.79	-13	Pass

Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



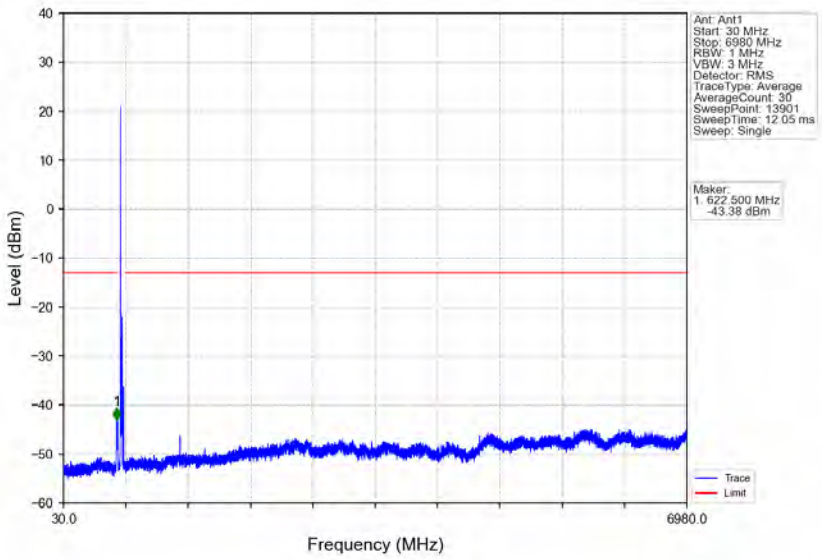
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.197	/	/	/	/	/	/
698	699	0.197	/	1	698.000	-39.64	-13	Pass
699	718	0.1	/	2	699.080	-39.66	-13	Pass

Band71_20MHz_64QAM_LCH_673MHz_RB_1_0_NTNV

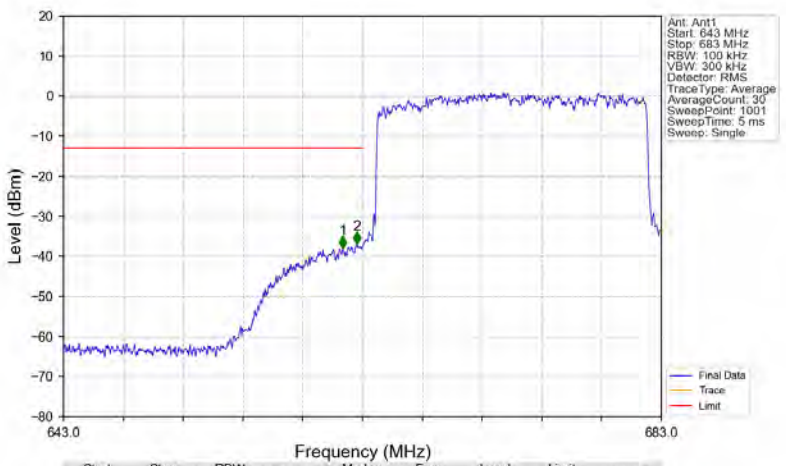


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	CHP	1	661.947	-52.01	-13	Pass
662	663	0.003	/	2	662.999	-47.13	-13	Pass
663	683	0.003	/	/	/	/	/	/

Band71_20MHz_64QAM_LCH_673MHz_RB_1_0_NTNV

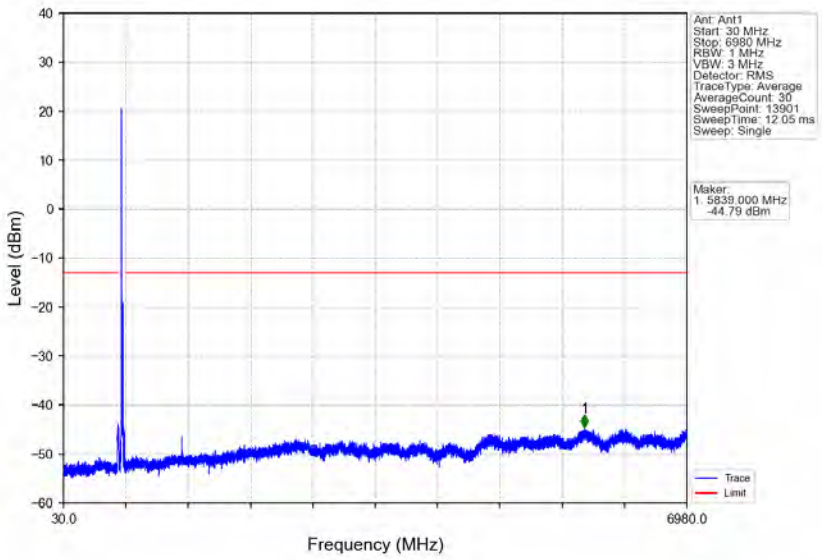


Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV

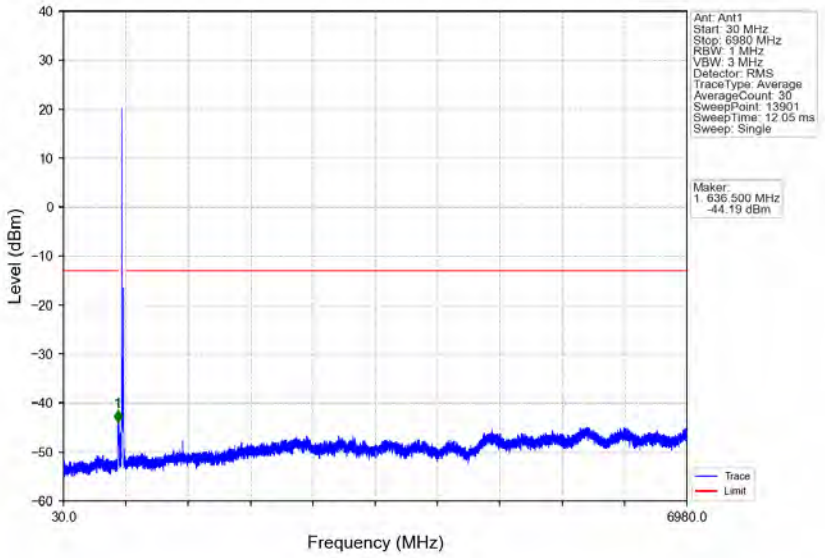


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	661.680	-37.93	-13	Pass
662	663	0.197	/	2	662.640	-36.89	-13	Pass
663	683	0.197	/	/	/	/	/	/

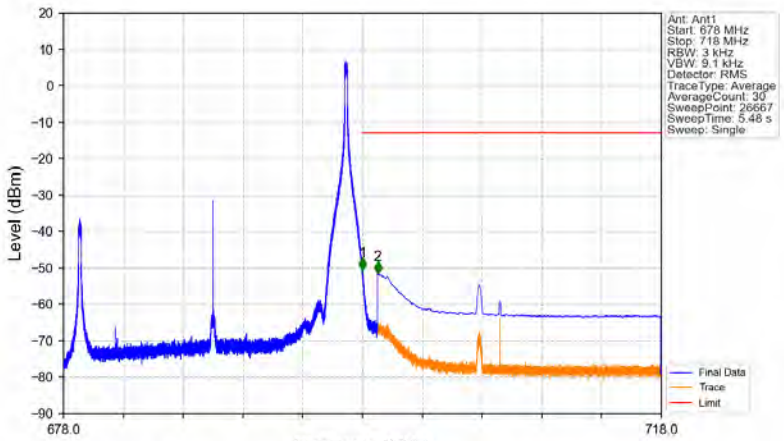
Band71_20MHz_64QAM_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_64QAM_HCH_688MHz_RB_1_0_NTNV

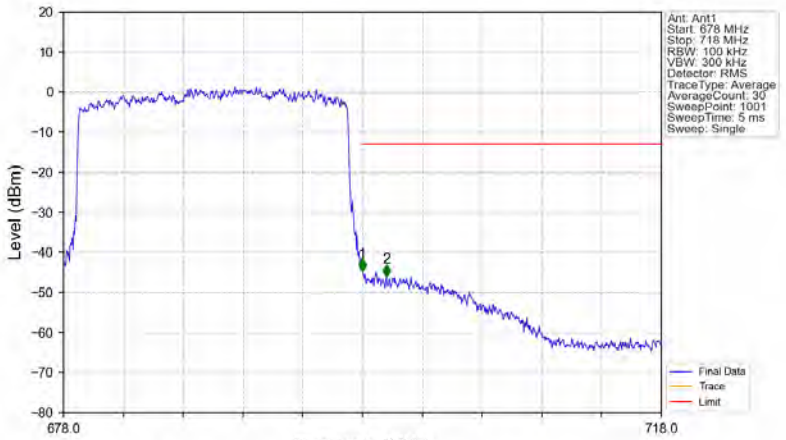


Band71_20MHz_64QAM_HCH_688MHz_RB_1_99_NTNV



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	698.016	-50.62	-13	Pass
699	718	0.1	CHP	2	699.022	-51.67	-13	Pass

Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.196	/	/	/	/	/	/
698	699	0.196	/	1	698.000	-44.71	-13	Pass
699	718	0.1	/	2	699.600	-46.06	-13	Pass