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	21.49	-4.30	15.04	<=34.77	Pass
			13	21.59	-4.30	15.14	<=34.77	Pass
			24	21.54	-4.30	15.09	<=34.77	Pass
		12	0	20.55	-4.30	14.10	<=34.77	Pass
			6	20.60	-4.30	14.15	<=34.77	Pass
			13	20.59	-4.30	14.14	<=34.77	Pass
		25	0	20.62	-4.30	14.17	<=34.77	Pass
	680.5	1	0	21.34	-4.30	14.89	<=34.77	Pass
			13	21.44	-4.30	14.99	<=34.77	Pass
			24	21.35	-4.30	14.90	<=34.77	Pass
		12	0	20.38	-4.30	13.93	<=34.77	Pass
			6	20.43	-4.30	13.98	<=34.77	Pass
			13	20.41	-4.30	13.96	<=34.77	Pass
		25	0	20.40	-4.30	13.95	<=34.77	Pass
	695.5	1	0	21.37	-4.30	14.92	<=34.77	Pass
			13	21.51	-4.30	15.06	<=34.77	Pass
			24	21.35	-4.30	14.90	<=34.77	Pass
		12	0	20.37	-4.30	13.92	<=34.77	Pass
			6	20.52	-4.30	14.07	<=34.77	Pass
			13	20.46	-4.30	14.01	<=34.77	Pass
		25	0	20.39	-4.30	13.94	<=34.77	Pass
16QAM	665.5	1	0	20.69	-4.30	14.24	<=34.77	Pass
			13	20.83	-4.30	14.38	<=34.77	Pass
			24	20.78	-4.30	14.33	<=34.77	Pass
		12	0	19.57	-4.30	13.12	<=34.77	Pass
			6	19.58	-4.30	13.13	<=34.77	Pass
			13	19.60	-4.30	13.15	<=34.77	Pass
		25	0	19.59	-4.30	13.14	<=34.77	Pass
	680.5	1	0	20.23	-4.30	13.78	<=34.77	Pass
			13	20.29	-4.30	13.84	<=34.77	Pass
			24	20.19	-4.30	13.74	<=34.77	Pass
		12	0	19.37	-4.30	12.92	<=34.77	Pass
			6	19.42	-4.30	12.97	<=34.77	Pass
			13	19.39	-4.30	12.94	<=34.77	Pass
		25	0	19.38	-4.30	12.93	<=34.77	Pass
	695.5	1	0	20.18	-4.30	13.73	<=34.77	Pass
			13	20.26	-4.30	13.81	<=34.77	Pass
			24	20.16	-4.30	13.71	<=34.77	Pass
		12	0	19.05	-4.30	12.60	<=34.77	Pass
			6	19.01	-4.30	12.56	<=34.77	Pass
			13	19.02	-4.30	12.57	<=34.77	Pass
		25	0	19.01	-4.30	12.56	<=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	21.51	-4.30	15.06	<=34.77	Pass
			25	21.49	-4.30	15.04	<=34.77	Pass
			49	21.11	-4.30	14.66	<=34.77	Pass
		25	0	20.02	-4.30	13.57	<=34.77	Pass
			13	20.10	-4.30	13.65	<=34.77	Pass
			25	20.21	-4.30	13.76	<=34.77	Pass
		50	0	20.14	-4.30	13.69	<=34.77	Pass
	680.5	1	0	20.87	-4.30	14.42	<=34.77	Pass
			25	21.01	-4.30	14.56	<=34.77	Pass
			49	20.82	-4.30	14.37	<=34.77	Pass
		25	0	19.96	-4.30	13.51	<=34.77	Pass
			13	19.94	-4.30	13.49	<=34.77	Pass
			25	20.02	-4.30	13.57	<=34.77	Pass
		50	0	20.00	-4.30	13.55	<=34.77	Pass
	693	1	0	20.81	-4.30	14.36	<=34.77	Pass
			25	21.04	-4.30	14.59	<=34.77	Pass
			49	21.05	-4.30	14.60	<=34.77	Pass
		25	0	20.02	-4.30	13.57	<=34.77	Pass
			13	20.03	-4.30	13.58	<=34.77	Pass
			25	19.99	-4.30	13.54	<=34.77	Pass
		50	0	20.01	-4.30	13.56	<=34.77	Pass
16QAM	668	1	0	20.01	-4.30	13.56	<=34.77	Pass
			25	20.20	-4.30	13.75	<=34.77	Pass
			49	20.03	-4.30	13.58	<=34.77	Pass
		25	0	19.05	-4.30	12.60	<=34.77	Pass
			13	19.10	-4.30	12.65	<=34.77	Pass
			25	19.23	-4.30	12.78	<=34.77	Pass
		50	0	19.11	-4.30	12.66	<=34.77	Pass
	680.5	1	0	20.04	-4.30	13.59	<=34.77	Pass
			25	20.19	-4.30	13.74	<=34.77	Pass
			49	20.02	-4.30	13.57	<=34.77	Pass
		25	0	18.94	-4.30	12.49	<=34.77	Pass
			13	18.93	-4.30	12.48	<=34.77	Pass
			25	19.03	-4.30	12.58	<=34.77	Pass
		50	0	18.99	-4.30	12.54	<=34.77	Pass
	693	1	0	20.39	-4.30	13.94	<=34.77	Pass
			25	20.57	-4.30	14.12	<=34.77	Pass
			49	20.57	-4.30	14.12	<=34.77	Pass
		25	0	19.06	-4.30	12.61	<=34.77	Pass
			13	19.04	-4.30	12.59	<=34.77	Pass
			25	19.01	-4.30	12.56	<=34.77	Pass
		50	0	19.01	-4.30	12.56	<=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	20.90	-4.30	14.45	<=34.77	Pass
			38	20.98	-4.30	14.53	<=34.77	Pass
			74	20.89	-4.30	14.44	<=34.77	Pass
		36	0	19.95	-4.30	13.50	<=34.77	Pass
			18	20.03	-4.30	13.58	<=34.77	Pass
			39	20.02	-4.30	13.57	<=34.77	Pass
		75	0	20.00	-4.30	13.55	<=34.77	Pass
	680.5	1	0	20.76	-4.30	14.31	<=34.77	Pass
			38	20.88	-4.30	14.43	<=34.77	Pass
			74	20.78	-4.30	14.33	<=34.77	Pass
		36	0	19.97	-4.30	13.52	<=34.77	Pass
			18	19.94	-4.30	13.49	<=34.77	Pass
			39	19.95	-4.30	13.50	<=34.77	Pass
		75	0	19.98	-4.30	13.53	<=34.77	Pass
	690.5	1	0	20.69	-4.30	14.24	<=34.77	Pass
			38	20.88	-4.30	14.43	<=34.77	Pass
			74	20.97	-4.30	14.52	<=34.77	Pass
		36	0	19.85	-4.30	13.40	<=34.77	Pass
			18	19.96	-4.30	13.51	<=34.77	Pass
			39	20.01	-4.30	13.56	<=34.77	Pass
		75	0	19.99	-4.30	13.54	<=34.77	Pass
16QAM	670.5	1	0	20.24	-4.30	13.79	<=34.77	Pass
			38	20.32	-4.30	13.87	<=34.77	Pass
			74	20.23	-4.30	13.78	<=34.77	Pass
		36	0	18.92	-4.30	12.47	<=34.77	Pass
			18	18.99	-4.30	12.54	<=34.77	Pass
			39	18.99	-4.30	12.54	<=34.77	Pass
		75	0	18.93	-4.30	12.48	<=34.77	Pass
	680.5	1	0	19.97	-4.30	13.52	<=34.77	Pass
			38	20.04	-4.30	13.59	<=34.77	Pass
			74	19.94	-4.30	13.49	<=34.77	Pass
		36	0	18.93	-4.30	12.48	<=34.77	Pass
			18	18.94	-4.30	12.49	<=34.77	Pass
			39	18.95	-4.30	12.50	<=34.77	Pass
		75	0	18.97	-4.30	12.52	<=34.77	Pass
	690.5	1	0	20.23	-4.30	13.78	<=34.77	Pass
			38	20.44	-4.30	13.99	<=34.77	Pass
			74	20.49	-4.30	14.04	<=34.77	Pass
		36	0	18.87	-4.30	12.42	<=34.77	Pass
			18	18.98	-4.30	12.53	<=34.77	Pass
			39	19.03	-4.30	12.58	<=34.77	Pass
		75	0	18.95	-4.30	12.50	<=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	20.70	-4.30	14.25	<=34.77	Pass
			50	21.07	-4.30	14.62	<=34.77	Pass

			99	20.69	-4.30	14.24	<=34.77	Pass
		50	0	19.73	-4.30	13.28	<=34.77	Pass
			25	19.96	-4.30	13.51	<=34.77	Pass
			50	19.94	-4.30	13.49	<=34.77	Pass
		100	0	19.85	-4.30	13.40	<=34.77	Pass
	683	1	0	20.62	-4.30	14.17	<=34.77	Pass
			50	20.99	-4.30	14.54	<=34.77	Pass
			99	20.75	-4.30	14.30	<=34.77	Pass
		50	0	19.95	-4.30	13.50	<=34.77	Pass
			25	19.90	-4.30	13.45	<=34.77	Pass
			50	19.89	-4.30	13.44	<=34.77	Pass
		100	0	19.93	-4.30	13.48	<=34.77	Pass
	688	1	0	20.55	-4.30	14.10	<=34.77	Pass
			50	20.92	-4.30	14.47	<=34.77	Pass
			99	20.78	-4.30	14.33	<=34.77	Pass
		50	0	19.76	-4.30	13.31	<=34.77	Pass
			25	19.89	-4.30	13.44	<=34.77	Pass
			50	19.85	-4.30	13.40	<=34.77	Pass
		100	0	19.82	-4.30	13.37	<=34.77	Pass
16QAM	673	1	0	20.18	-4.30	13.73	<=34.77	Pass
			50	20.63	-4.30	14.18	<=34.77	Pass
			99	20.24	-4.30	13.79	<=34.77	Pass
		50	0	18.67	-4.30	12.22	<=34.77	Pass
			25	18.92	-4.30	12.47	<=34.77	Pass
			50	18.89	-4.30	12.44	<=34.77	Pass
		100	0	18.83	-4.30	12.38	<=34.77	Pass
	683	1	0	19.84	-4.30	13.39	<=34.77	Pass
			50	20.25	-4.30	13.80	<=34.77	Pass
			99	19.93	-4.30	13.48	<=34.77	Pass
		50	0	18.91	-4.30	12.46	<=34.77	Pass
			25	18.86	-4.30	12.41	<=34.77	Pass
			50	18.85	-4.30	12.40	<=34.77	Pass
		100	0	18.88	-4.30	12.43	<=34.77	Pass
	688	1	0	19.81	-4.30	13.36	<=34.77	Pass
			50	20.26	-4.30	13.81	<=34.77	Pass
			99	20.04	-4.30	13.59	<=34.77	Pass
		50	0	18.72	-4.30	12.27	<=34.77	Pass
			25	18.83	-4.30	12.38	<=34.77	Pass
			50	18.80	-4.30	12.35	<=34.77	Pass
		100	0	18.83	-4.30	12.38	<=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	3.27	-9.255	-0.0139	-2.5 to 2.5	Pass
					3.85	-4.377	-0.0066	-2.5 to 2.5	Pass
					4.43	-8.011	-0.0120	-2.5 to 2.5	Pass

				-30	3.85	-5.021	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-7.839	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-2.818	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-6.537	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-5.708	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-9.384	-0.0141	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-7.753	-0.0114	-2.5 to 2.5	Pass
					3.85	-6.094	-0.0090	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-7.782	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-7.567	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-5.221	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-6.995	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-5.322	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-7.224	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-7.010	-0.0103	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-5.407	-0.0078	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0044	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0106	-2.5 to 2.5	Pass
				-30	3.85	-6.094	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-9.713	-0.0140	-2.5 to 2.5	Pass
				-10	3.85	-7.253	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-10.614	-0.0153	-2.5 to 2.5	Pass
				10	3.85	-12.116	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-1.903	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.134	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0057	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-5.565	-0.0084	-2.5 to 2.5	Pass
					3.85	-7.854	-0.0118	-2.5 to 2.5	Pass
					4.43	-5.679	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-8.068	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-7.353	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-5.622	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-8.011	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-7.081	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-5.493	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-6.752	-0.0101	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-7.510	-0.0110	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0055	-2.5 to 2.5	Pass
					4.43	-7.639	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-6.437	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-9.670	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-5.550	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-5.465	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-9.956	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-7.210	-0.0106	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-6.609	-0.0095	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0094	-2.5 to 2.5	Pass
					4.43	-7.725	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0098	-2.5 to 2.5	Pass

				-10	3.85	-7.639	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-9.155	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-10.443	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0096	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-8.354	-0.0120	-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	3.27	-4.907	-0.0073	-2.5 to 2.5	Pass
					3.85	-6.423	-0.0096	-2.5 to 2.5	Pass
					4.43	-8.268	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-7.524	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-9.913	-0.0148	-2.5 to 2.5	Pass
				-10	3.85	-5.765	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-4.735	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-6.824	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-8.612	-0.0129	-2.5 to 2.5	Pass
				50	3.85	-3.433	-0.0051	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-5.865	-0.0086	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0096	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-9.813	-0.0144	-2.5 to 2.5	Pass
				-10	3.85	-7.725	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-8.869	-0.0130	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.549	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-5.879	-0.0086	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-8.268	-0.0119	-2.5 to 2.5	Pass
					3.85	-8.855	-0.0128	-2.5 to 2.5	Pass
					4.43	-8.025	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-10.715	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-8.626	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-9.341	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-6.237	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-6.924	-0.0100	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-3.576	-0.0054	-2.5 to 2.5	Pass
					3.85	-6.680	-0.0100	-2.5 to 2.5	Pass
					4.43	-6.108	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-4.406	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-6.709	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-6.838	-0.0102	-2.5 to 2.5	Pass

				30	3.85	-4.606	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-10.457	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-5.107	-0.0076	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-2.103	-0.0031	-2.5 to 2.5	Pass
					3.85	-5.136	-0.0075	-2.5 to 2.5	Pass
					4.43	-7.052	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-7.367	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-6.738	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-9.484	-0.0139	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-8.698	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-10.657	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-8.512	-0.0125	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-5.236	-0.0076	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0084	-2.5 to 2.5	Pass
					4.43	-4.735	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-7.610	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-5.822	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-7.195	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-8.140	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-6.280	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-7.768	-0.0112	-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	3.27	-7.224	-0.0108	-2.5 to 2.5	Pass
					3.85	-7.524	-0.0112	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-7.582	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-7.081	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-10.171	-0.0152	-2.5 to 2.5	Pass
				30	3.85	-4.020	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-6.924	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-6.967	-0.0104	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-3.247	-0.0048	-2.5 to 2.5	Pass
					3.85	-5.980	-0.0088	-2.5 to 2.5	Pass
					4.43	-8.469	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-6.409	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-8.297	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-5.193	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-8.869	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-7.496	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-6.580	-0.0097	-2.5 to 2.5	Pass

	690.5	75	0	20	3.27	-4.549	-0.0066	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0109	-2.5 to 2.5	Pass
					4.43	-5.236	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-7.653	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-6.580	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-6.838	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-7.067	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-5.622	-0.0081	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	1.659	0.0025	-2.5 to 2.5	Pass
					3.85	-9.041	-0.0135	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-6.638	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-7.653	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-8.798	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-6.580	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-8.597	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0017	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-6.037	-0.0089	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0053	-2.5 to 2.5	Pass
					4.43	-9.112	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	-7.410	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-8.097	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-8.283	-0.0122	-2.5 to 2.5	Pass
				10	3.85	-7.968	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-6.781	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-7.453	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-9.041	-0.0133	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-10.228	-0.0148	-2.5 to 2.5	Pass
					3.85	-8.597	-0.0125	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-7.925	-0.0115	-2.5 to 2.5	Pass
				-20	3.85	-5.736	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-9.484	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-8.097	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-7.796	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-2.947	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-8.297	-0.0120	-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	3.27	-3.748	-0.0056	-2.5 to 2.5	Pass
					3.85	-8.411	-0.0125	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0113	-2.5 to 2.5	Pass

				-30	3.85	-5.336	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-7.510	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-6.638	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-7.639	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-7.610	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-7.510	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-8.554	-0.0127	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-5.393	-0.0079	-2.5 to 2.5	Pass
					3.85	-4.234	-0.0062	-2.5 to 2.5	Pass
					4.43	-5.093	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-4.849	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-5.865	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-4.721	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-9.112	-0.0133	-2.5 to 2.5	Pass
				50	3.85	-8.640	-0.0127	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-6.180	-0.0090	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0063	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-7.739	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-7.095	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-6.452	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-7.625	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-6.166	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-6.738	-0.0098	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-8.025	-0.0119	-2.5 to 2.5	Pass
					3.85	-9.456	-0.0141	-2.5 to 2.5	Pass
					4.43	-9.441	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-7.882	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-8.326	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-6.580	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-7.896	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-7.710	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-8.268	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-9.127	-0.0136	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0114	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-5.751	-0.0084	-2.5 to 2.5	Pass
					3.85	-7.339	-0.0107	-2.5 to 2.5	Pass
					4.43	-6.180	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-8.025	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-7.381	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-7.668	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-7.768	-0.0114	-2.5 to 2.5	Pass
				50	3.85	-6.652	-0.0097	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-6.709	-0.0098	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0120	-2.5 to 2.5	Pass
					4.43	-9.298	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.207	-0.0076	-2.5 to 2.5	Pass

				-10	3.85	-6.752	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-4.921	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-7.410	-0.0108	-2.5 to 2.5	Pass

3. Modulation Characteristics

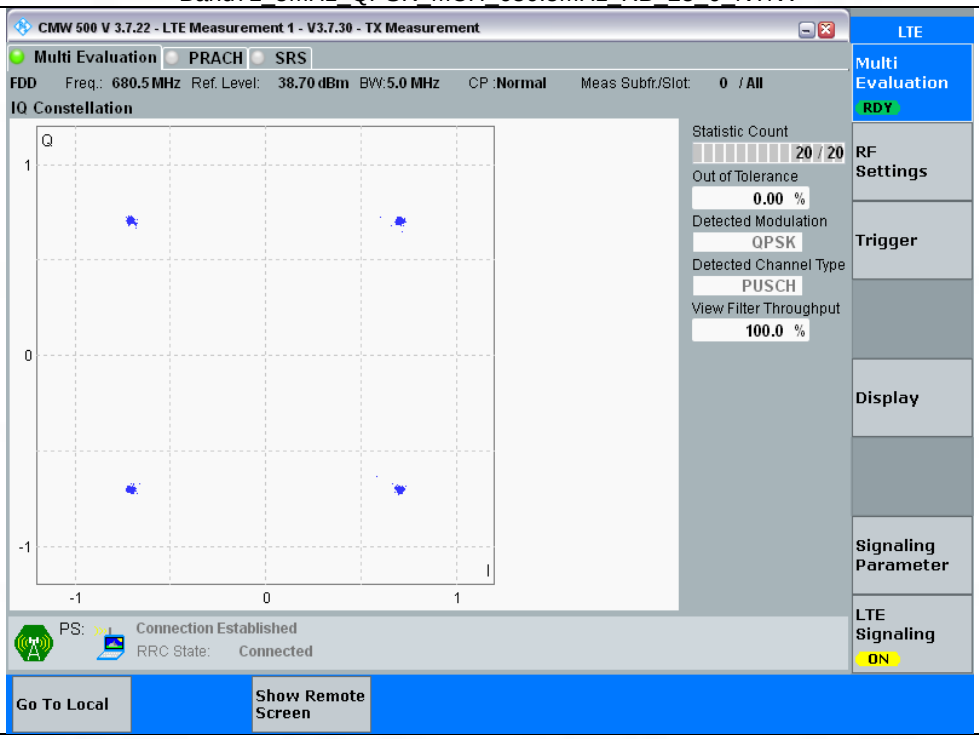
3.1 B71_5MHz

3.1.1 Test Result

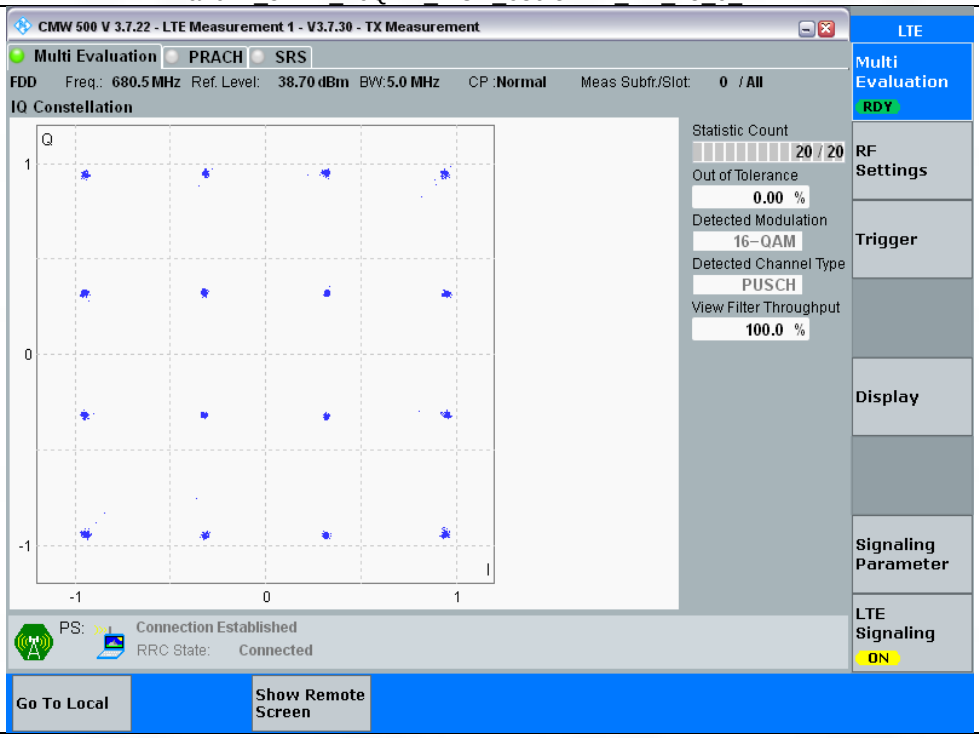
Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	25	0	Refer To Test Graph		Pass
16QAM	680.5	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV

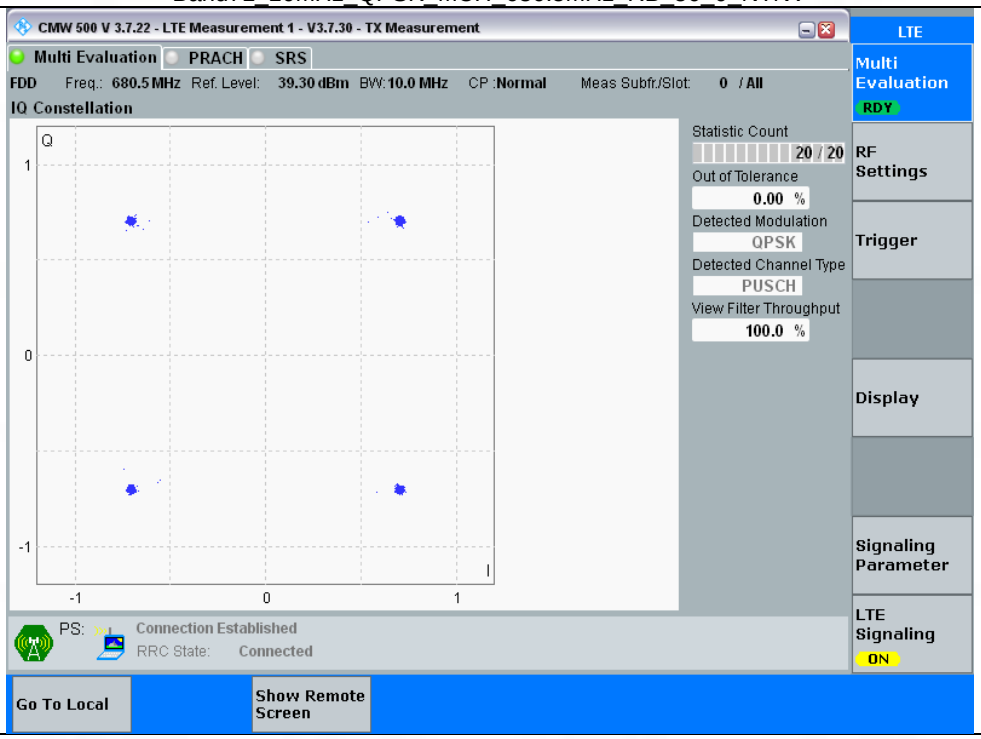
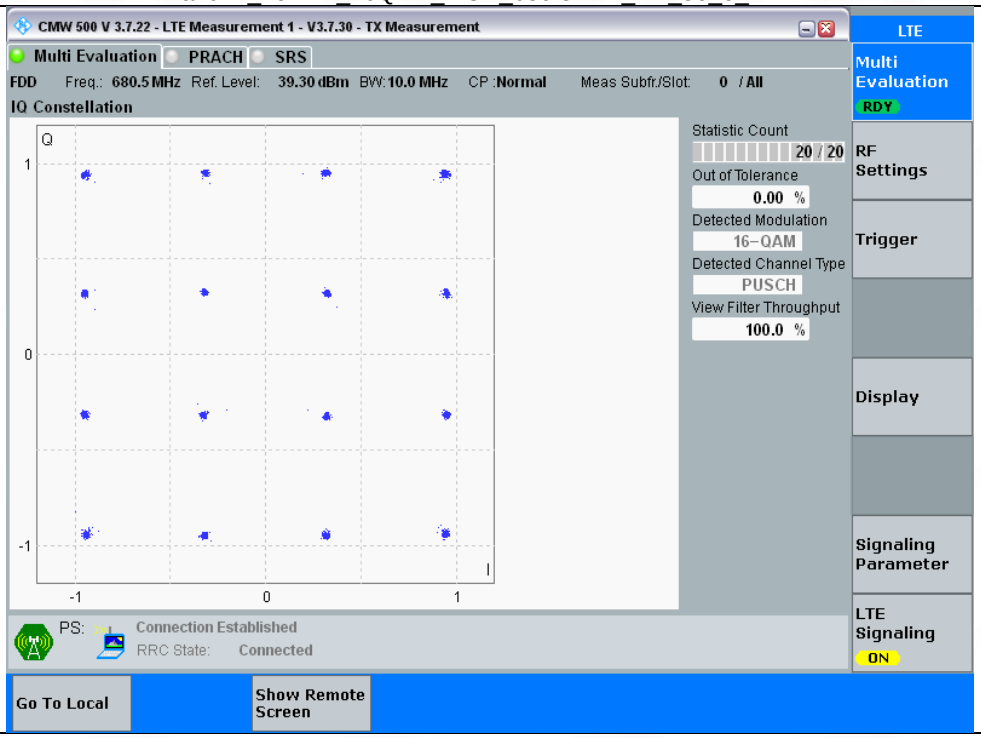


3.2 B71_10MHz

3.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	50	0	Refer To Test Graph		Pass
16QAM	680.5	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV

Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV


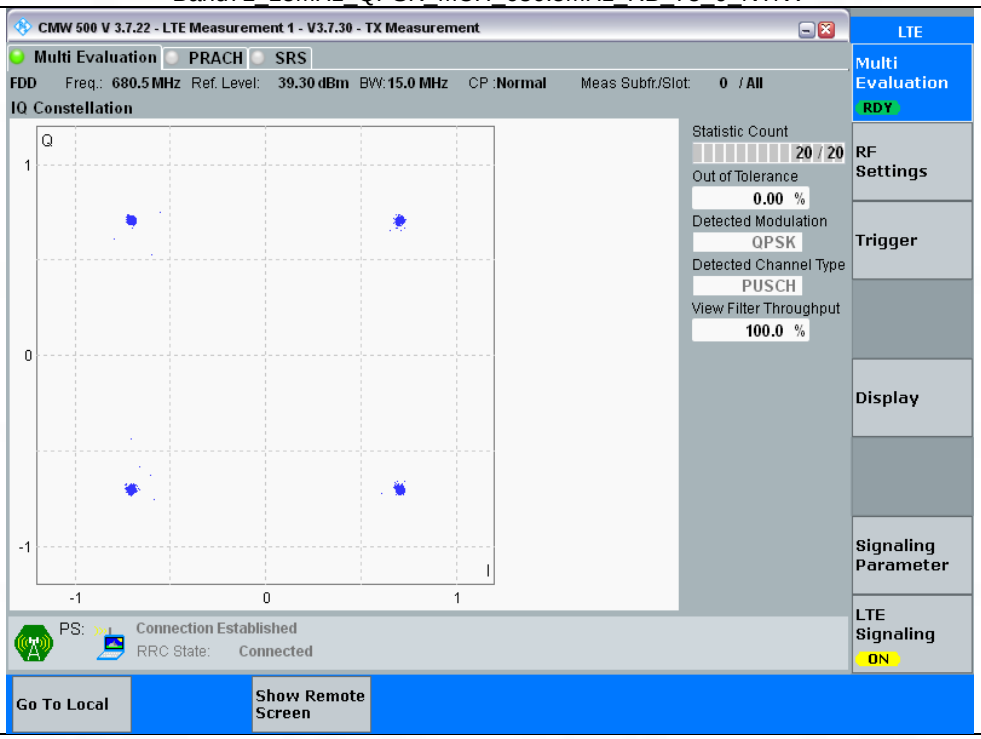
3.3 B71_15MHz

3.3.1 Test Result

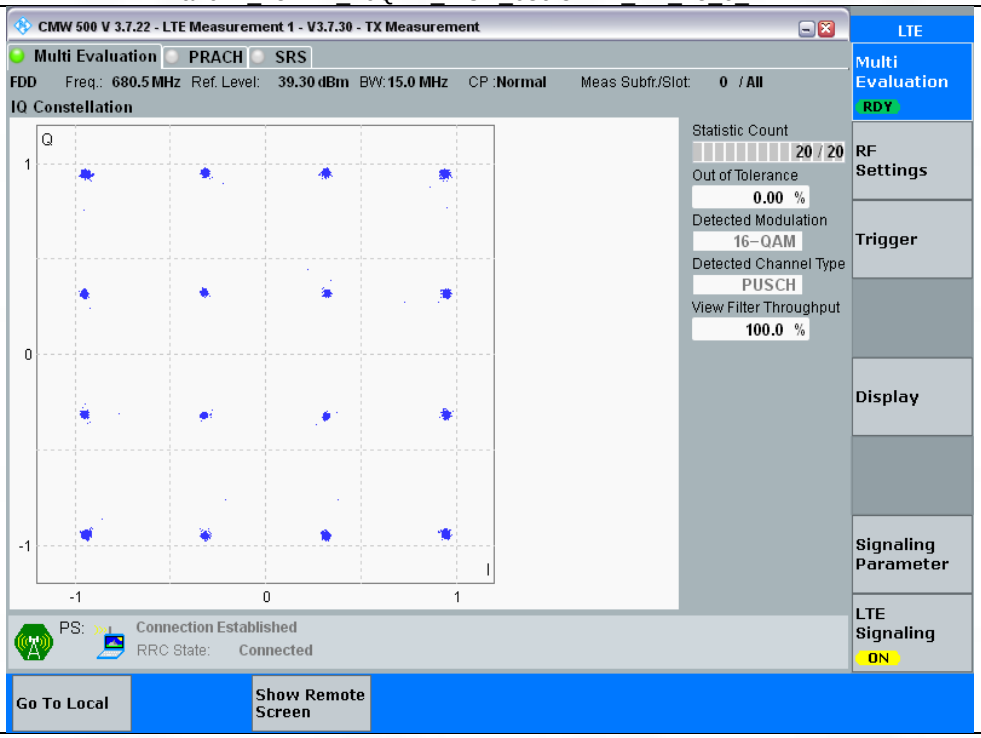
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	75	0	Refer To Test Graph		Pass
16QAM	680.5	75	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



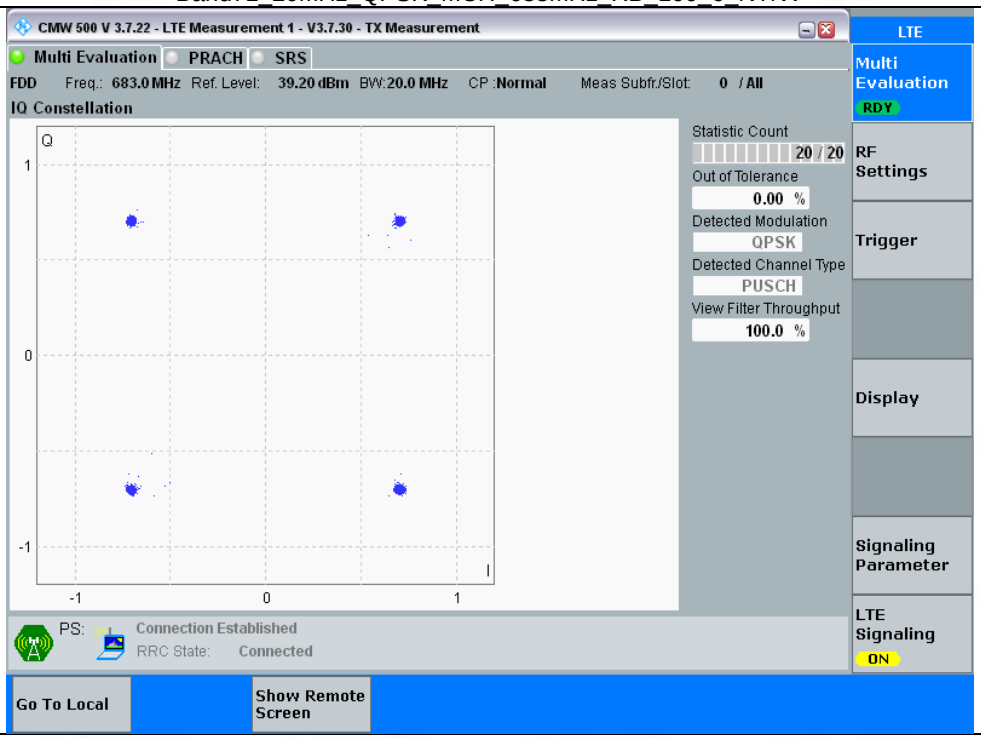
3.4 B71_20MHz

3.4.1 Test Result

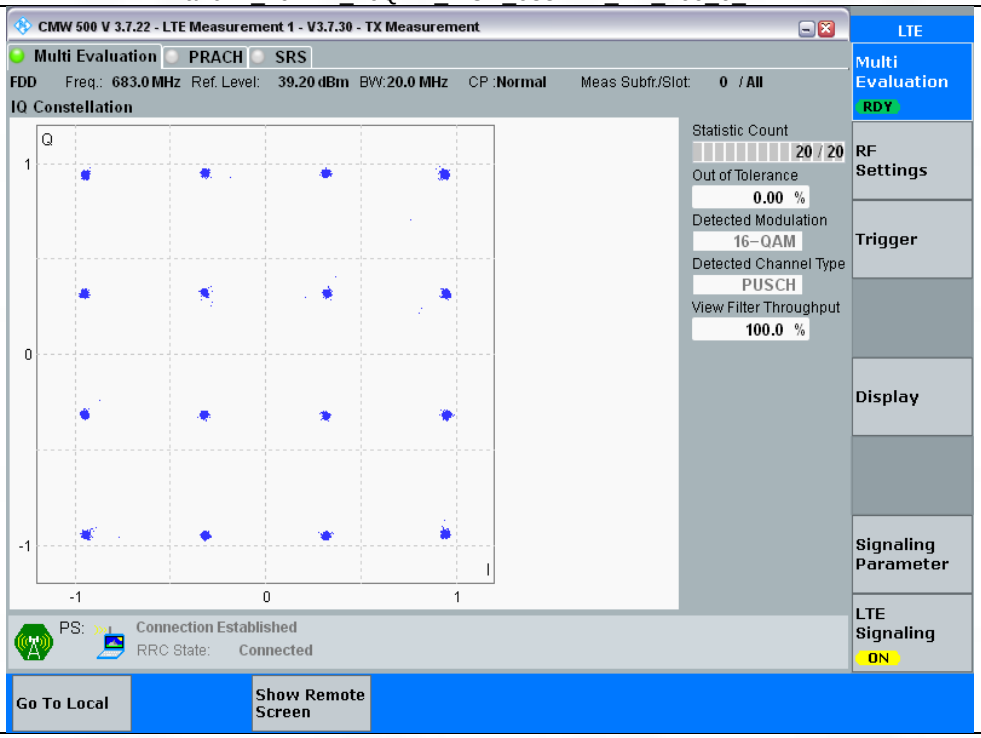
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

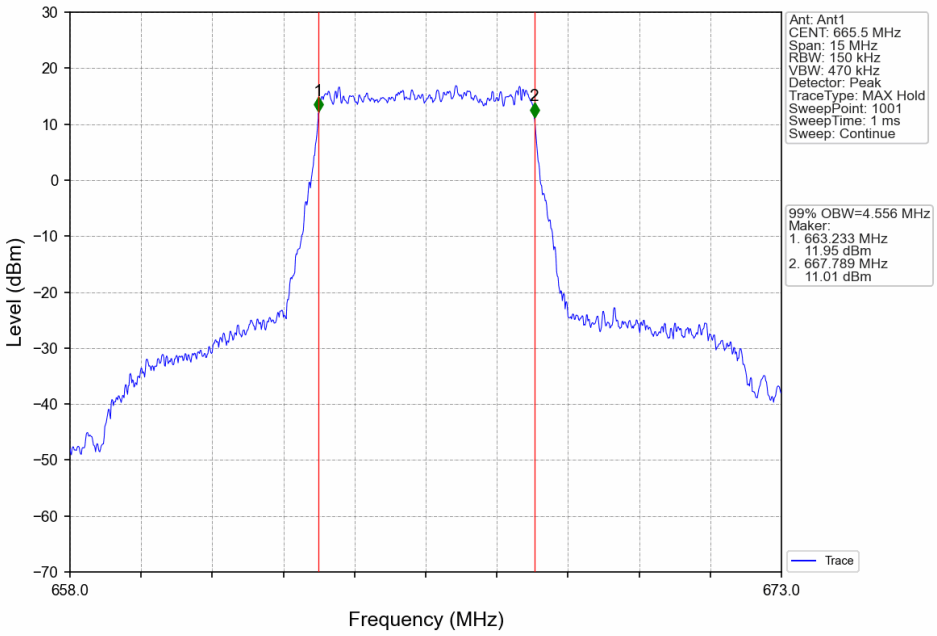
4.1 Band71_OBW

4.1.1 Test Result

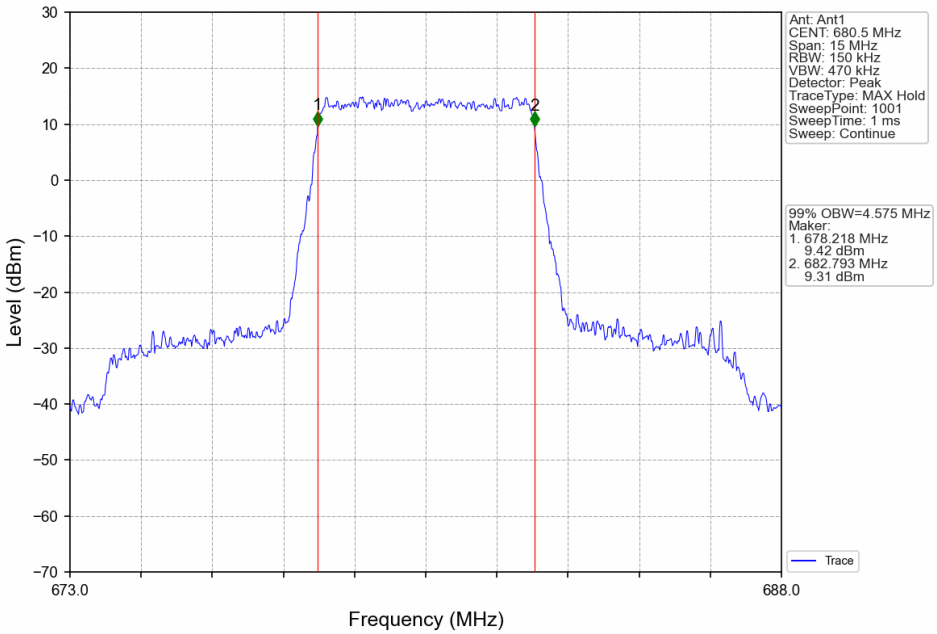
Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	4.556	Pass
		680.5	25	0	4.575	Pass
		695.5	25	0	4.585	Pass
	16QAM	665.5	25	0	4.583	Pass
		680.5	25	0	4.585	Pass
		695.5	25	0	4.569	Pass
10	QPSK	668	50	0	9.074	Pass
		680.5	50	0	9.090	Pass
		693	50	0	9.086	Pass
	16QAM	668	50	0	9.089	Pass
		680.5	50	0	9.105	Pass
		693	50	0	9.105	Pass
15	QPSK	670.5	75	0	13.562	Pass
		680.5	75	0	13.613	Pass
		690.5	75	0	13.641	Pass
	16QAM	670.5	75	0	13.602	Pass
		680.5	75	0	13.627	Pass
		690.5	75	0	13.638	Pass
20	QPSK	673	100	0	18.103	Pass
		683	100	0	18.125	Pass
		688	100	0	18.092	Pass
	16QAM	673	100	0	18.106	Pass
		683	100	0	18.135	Pass
		688	100	0	18.121	Pass

4.1.2 Test Graph

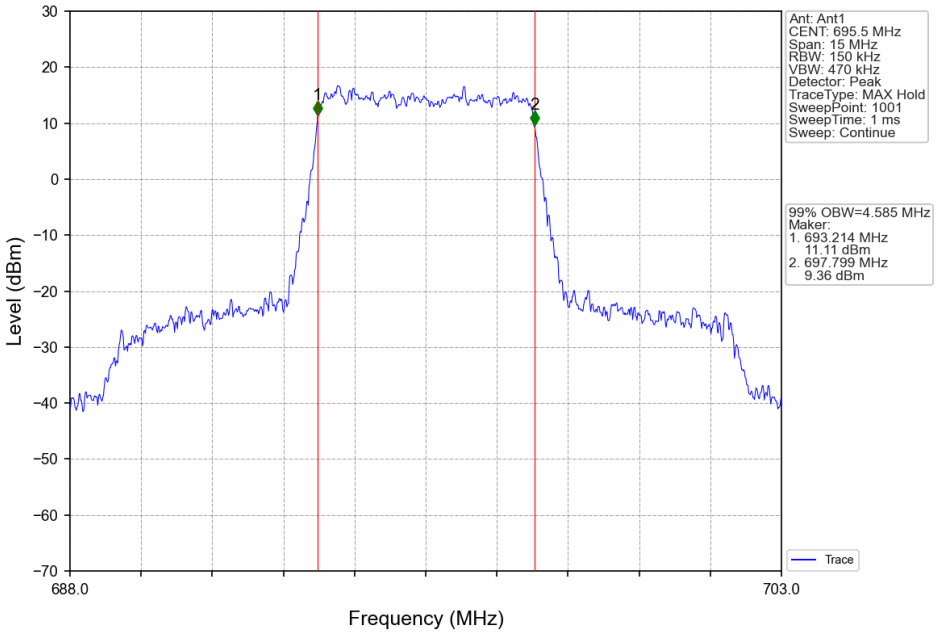
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



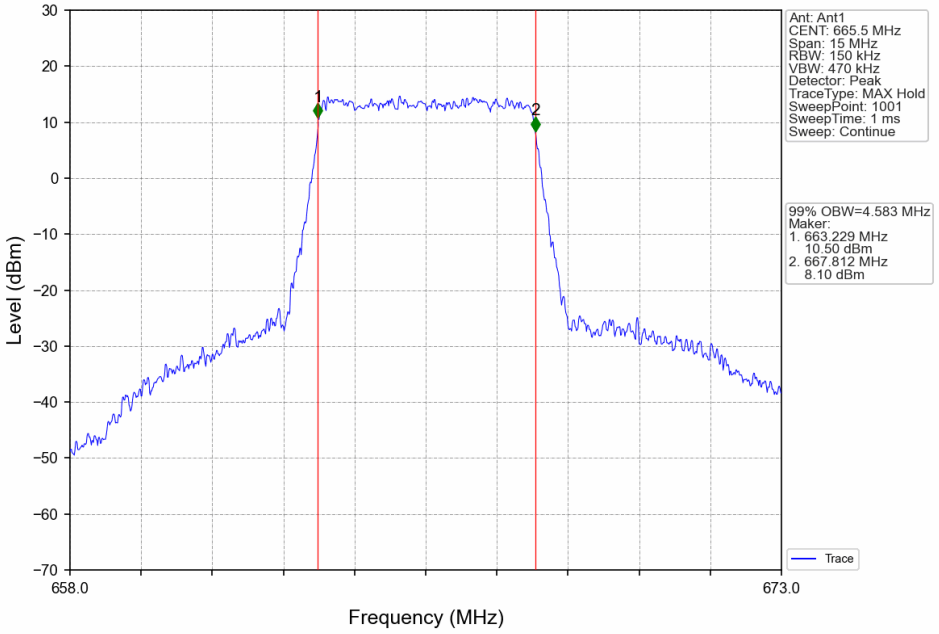
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



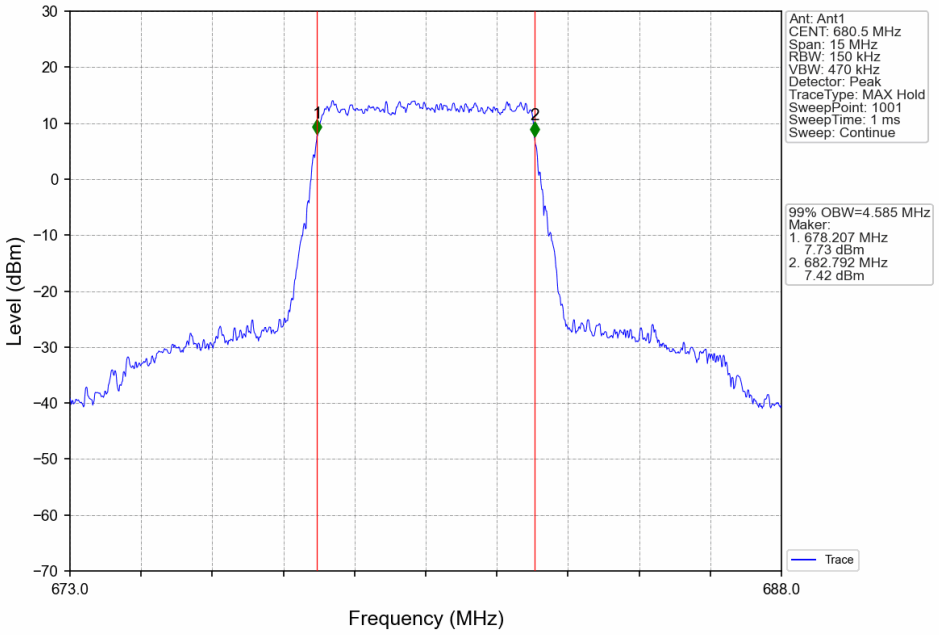
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



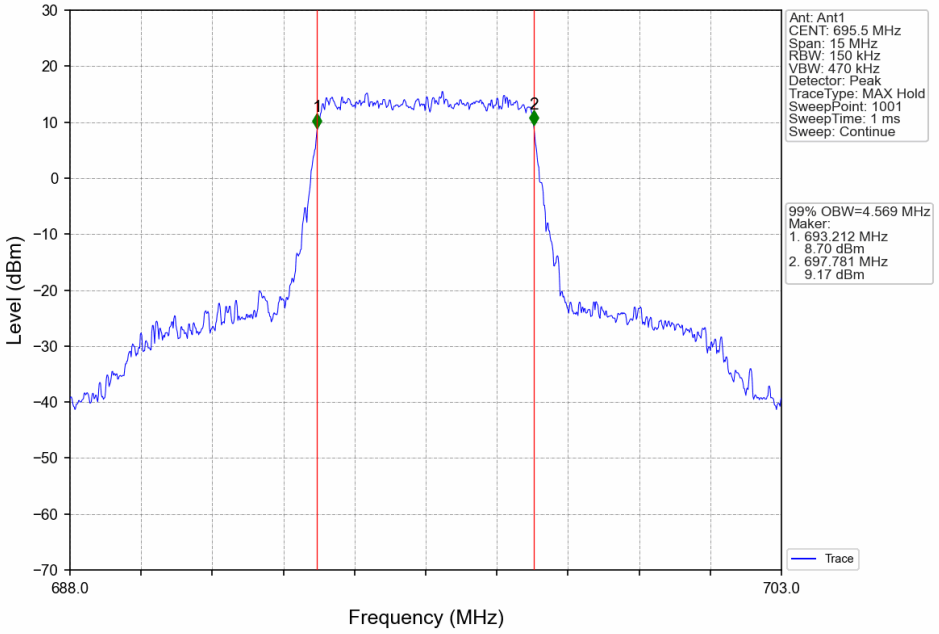
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



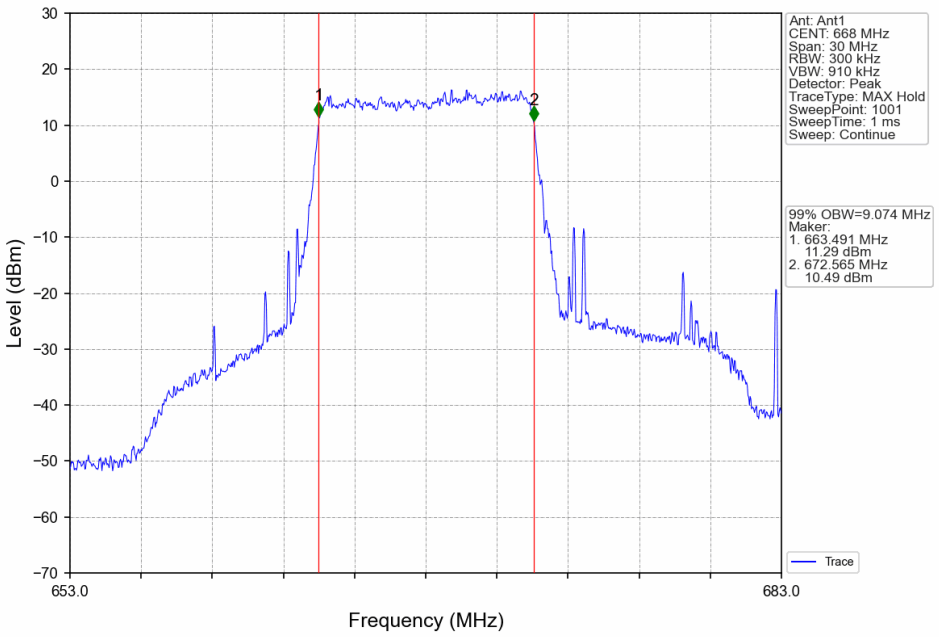
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



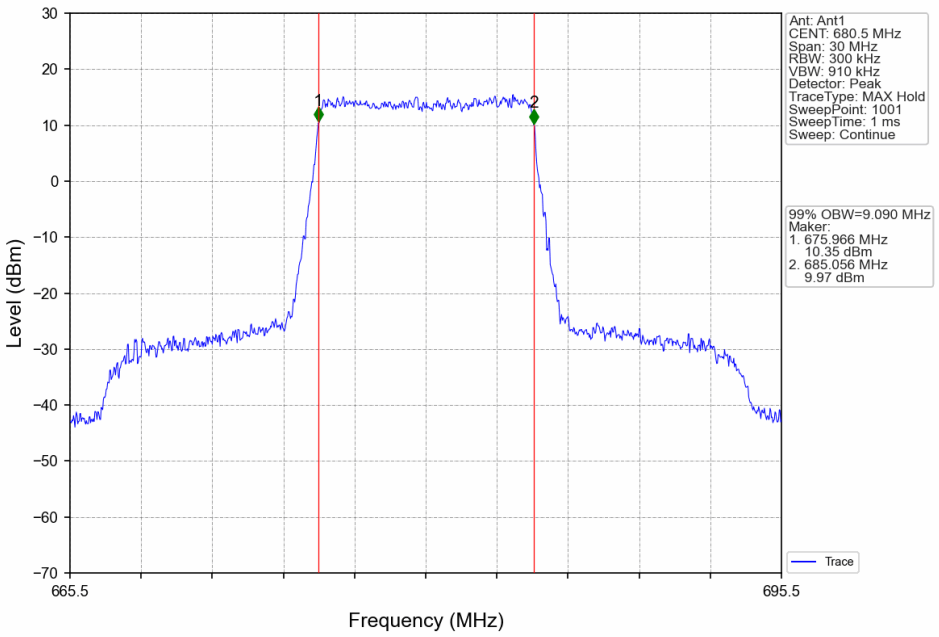
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



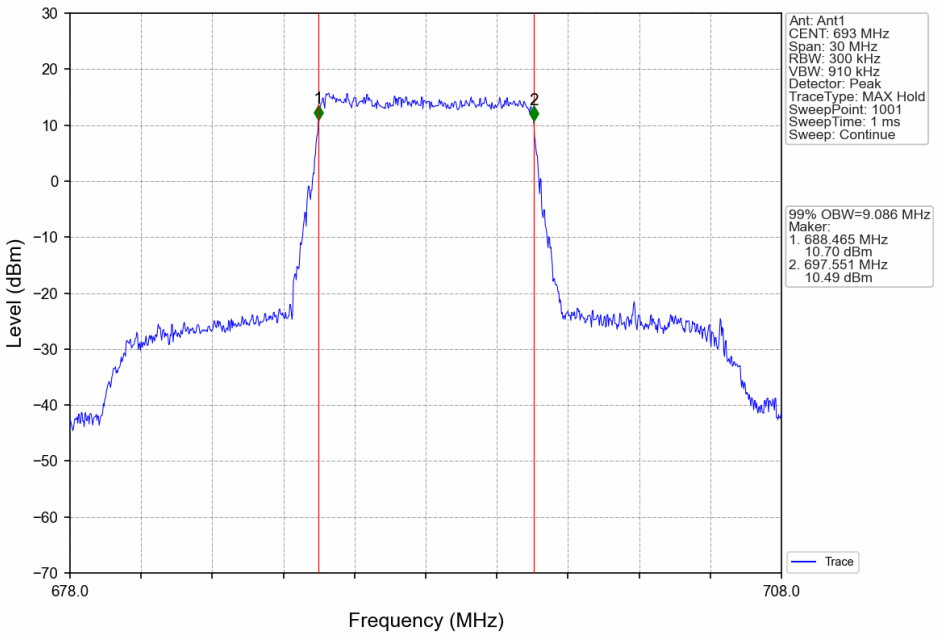
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



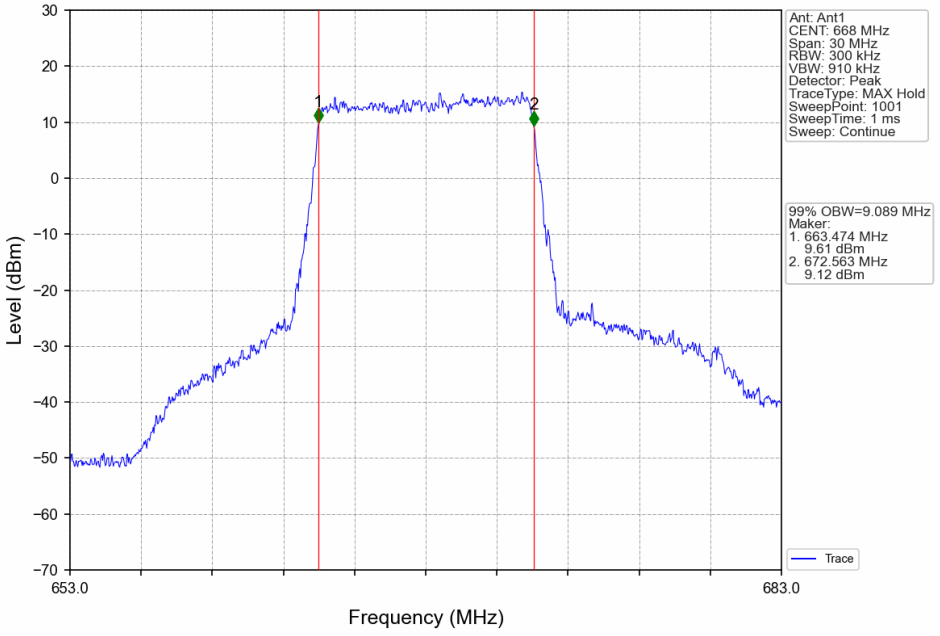
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



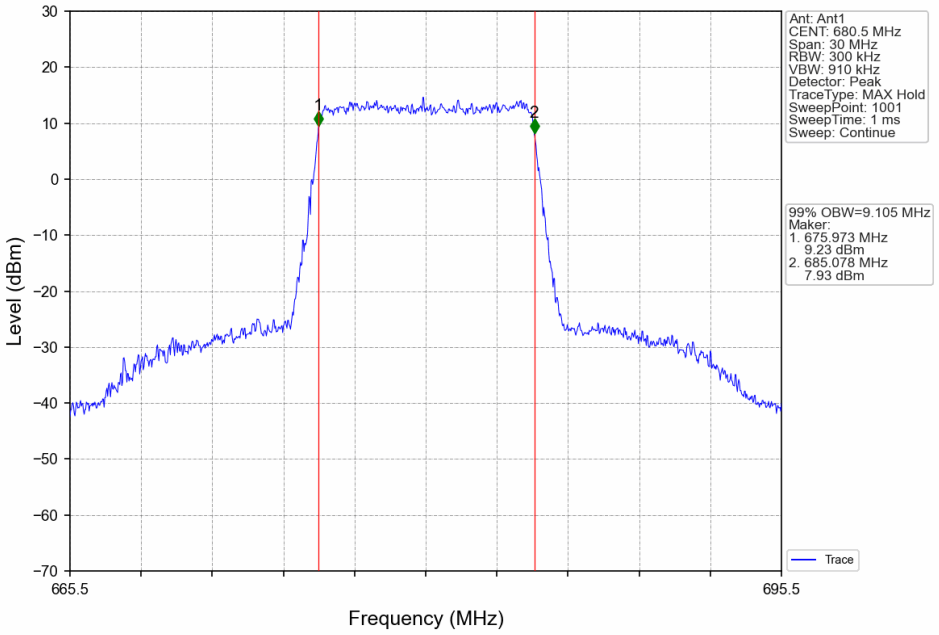
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



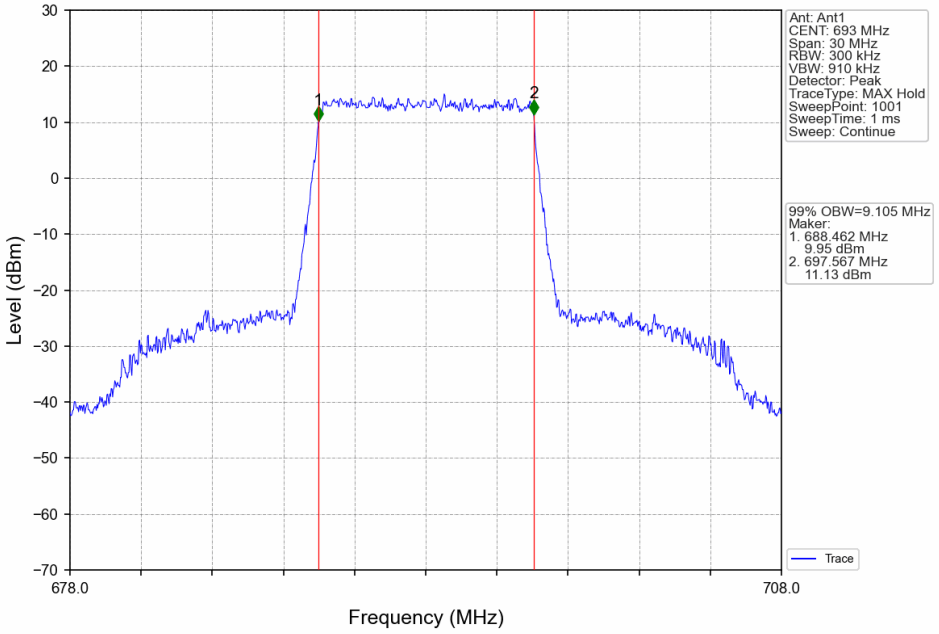
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



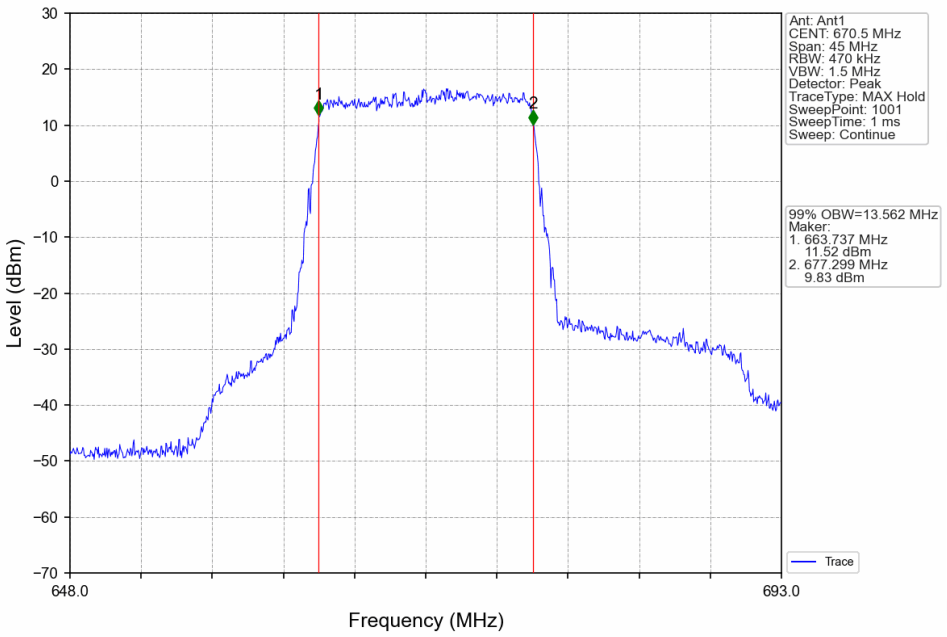
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



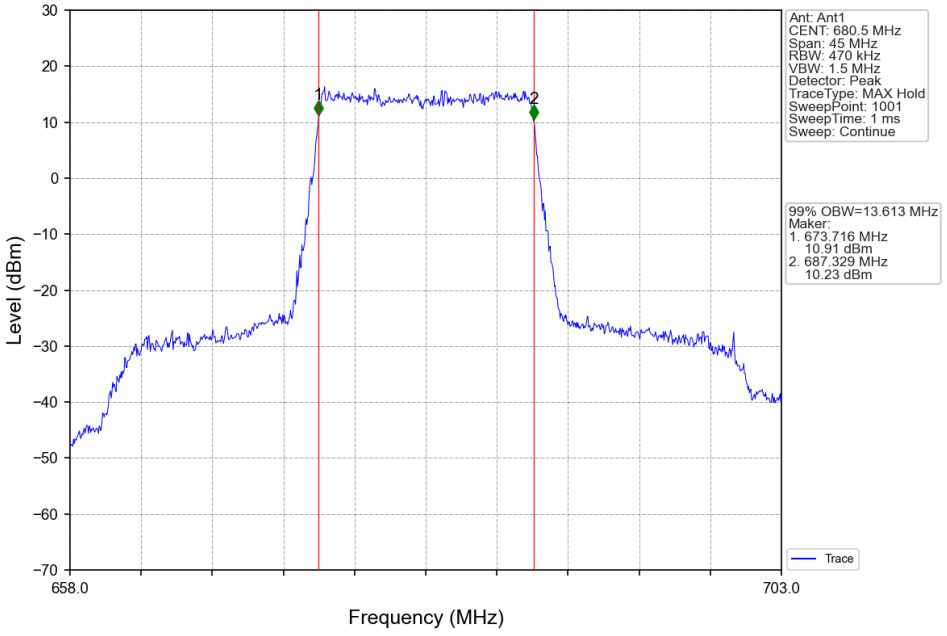
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



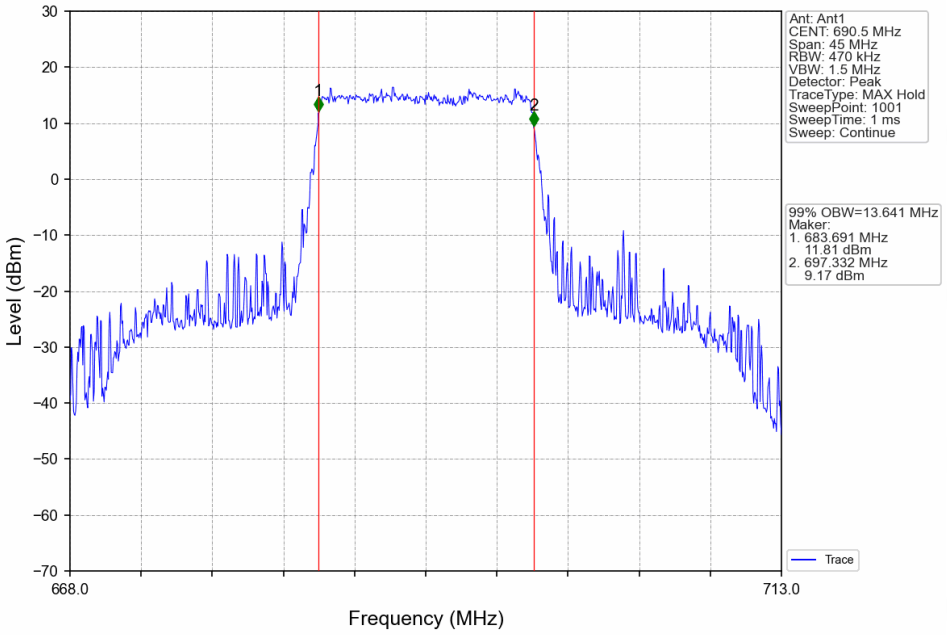
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



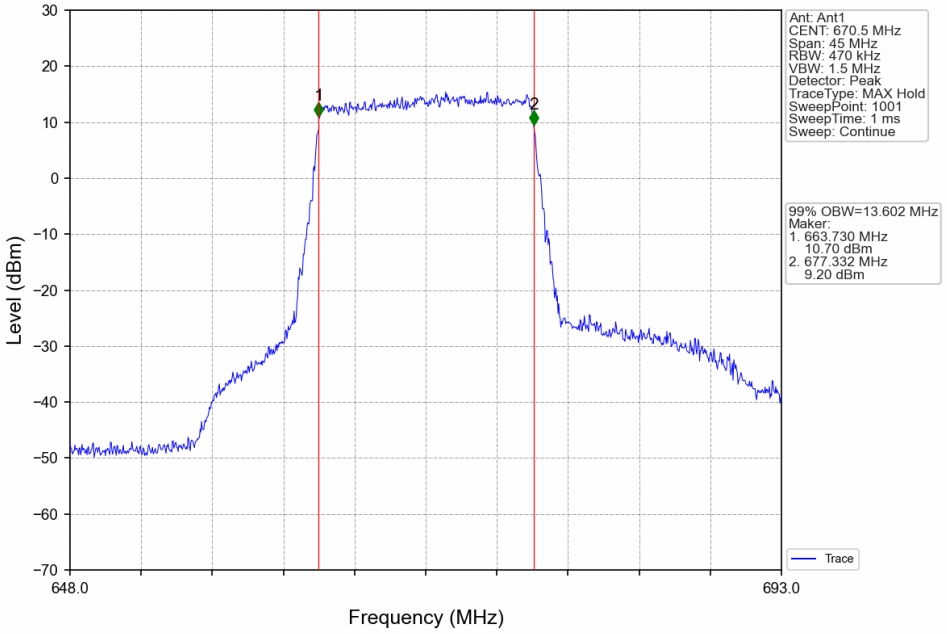
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



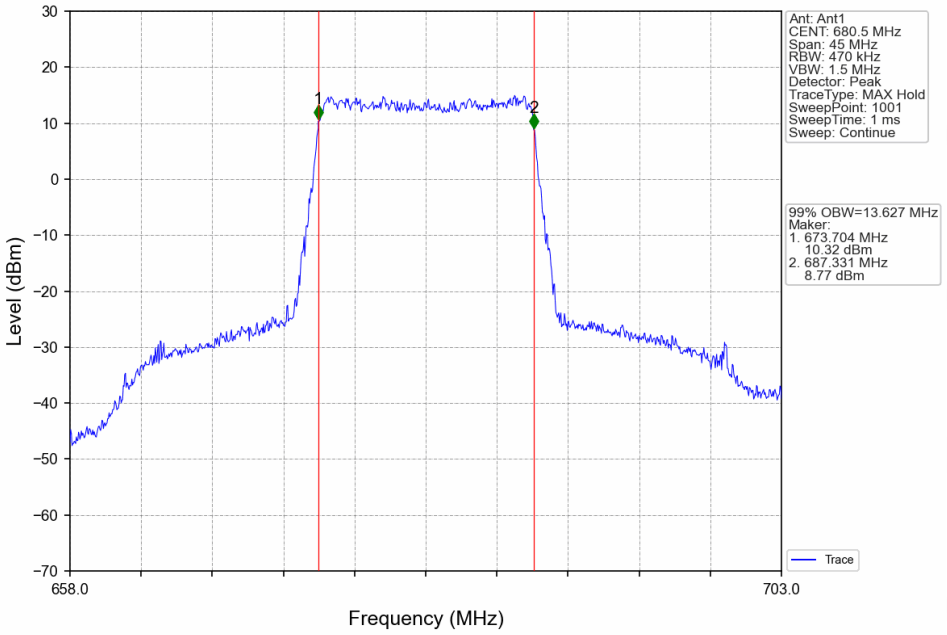
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



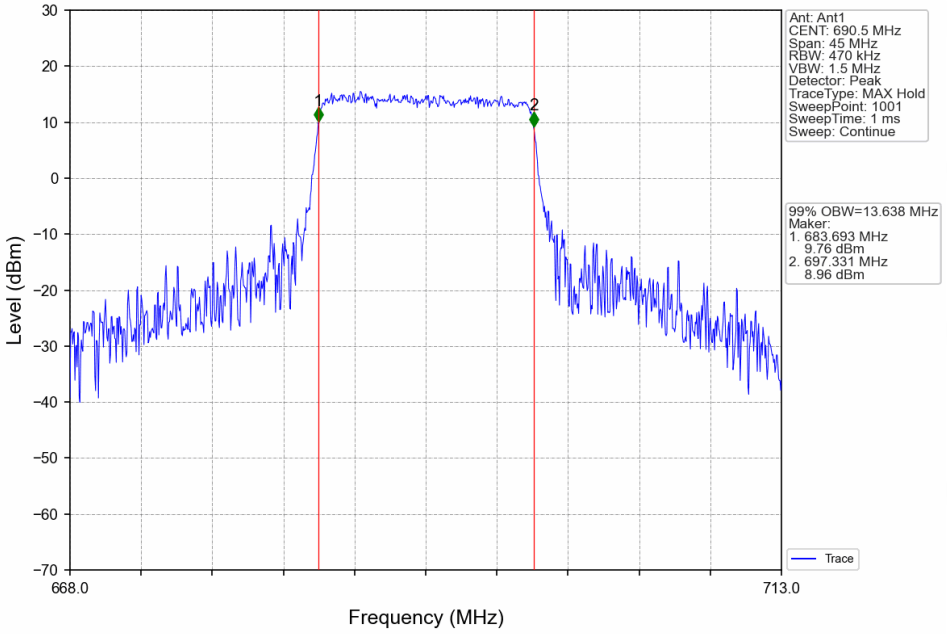
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



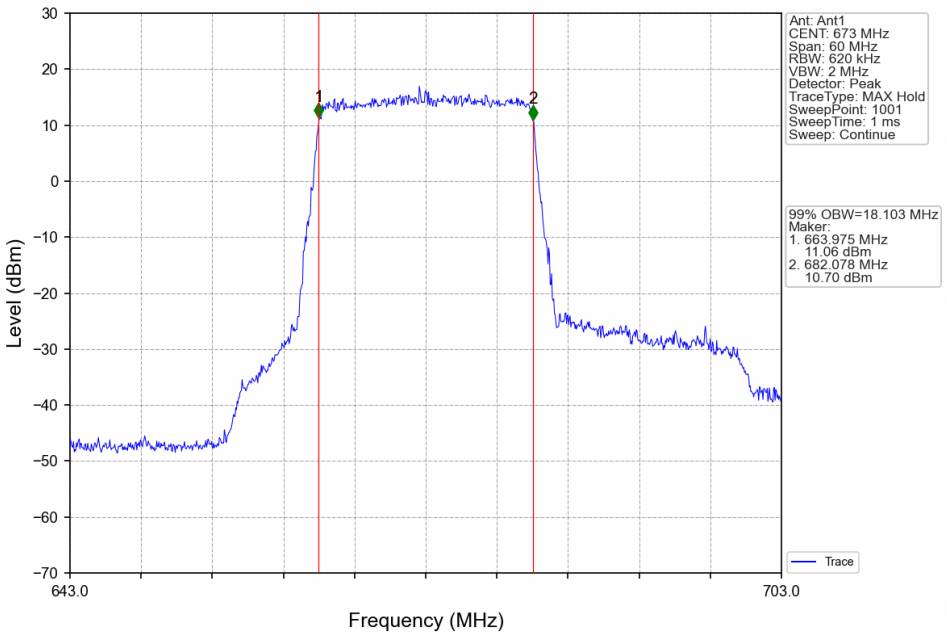
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



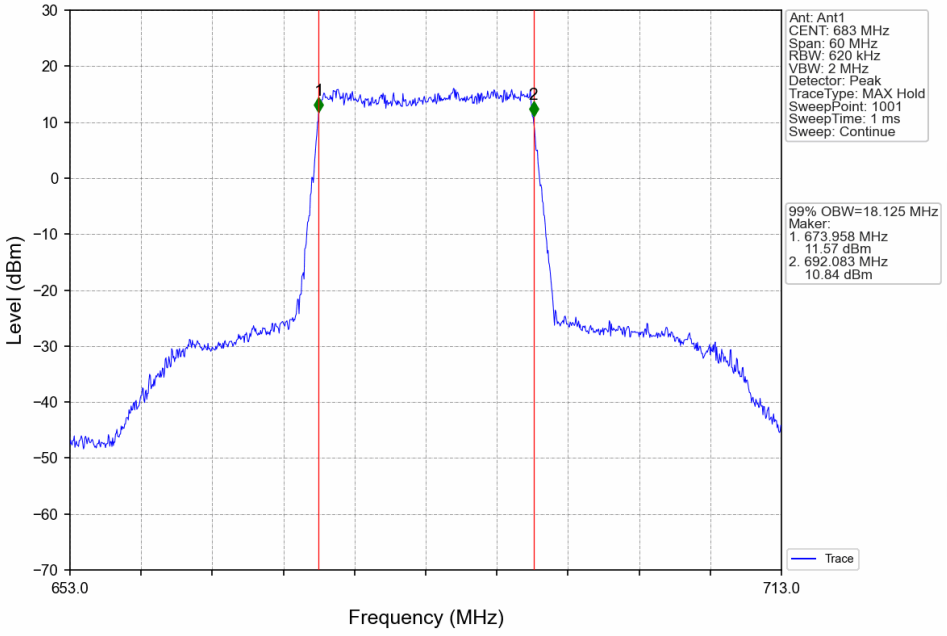
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



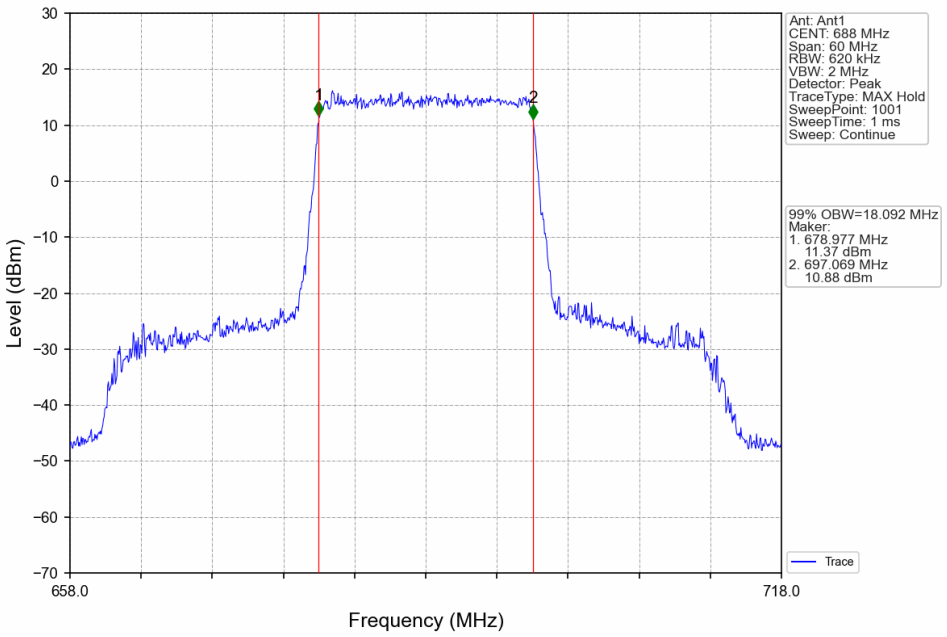
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



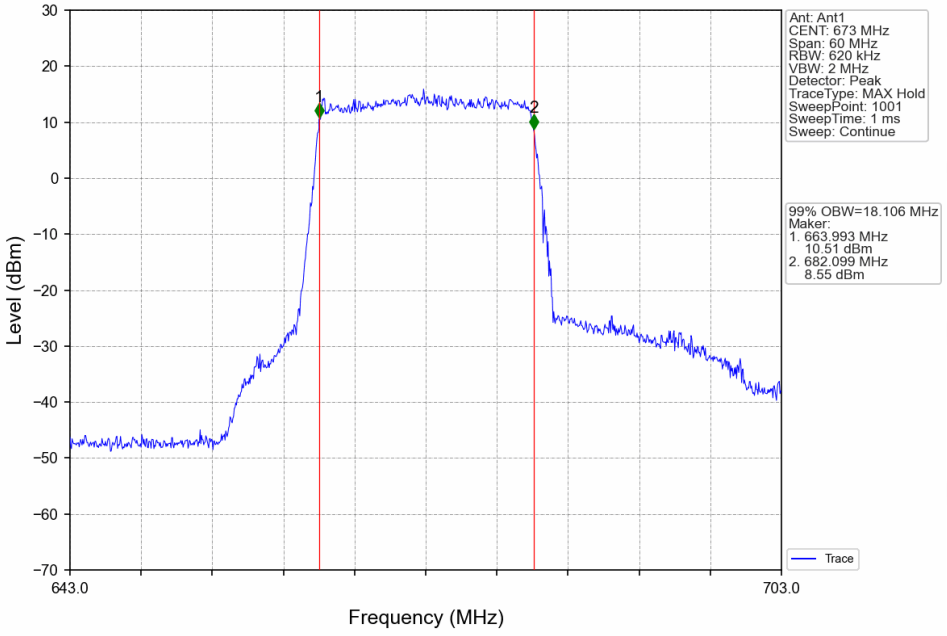
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



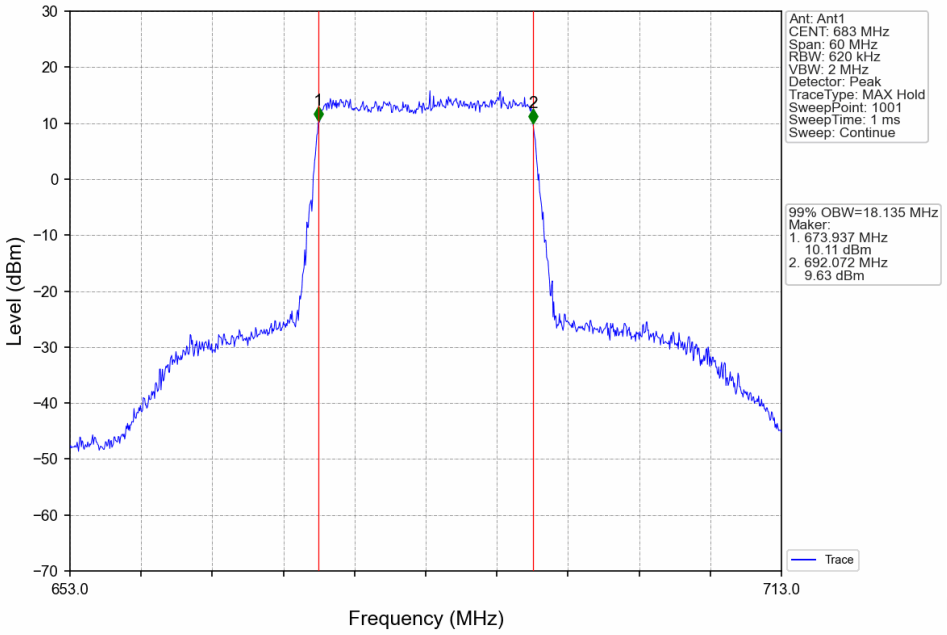
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



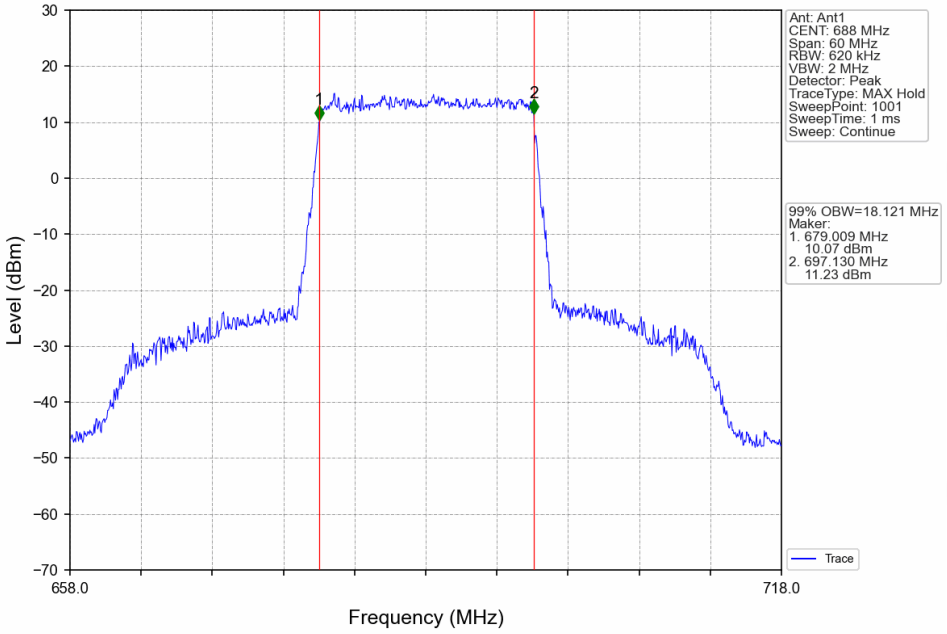
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



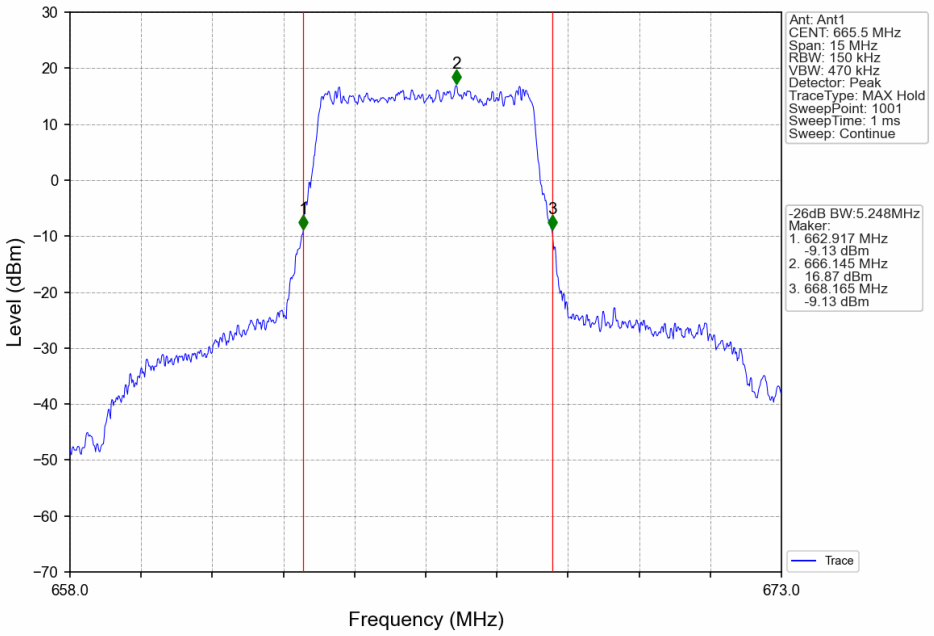
4.2 Band71_XDB

4.2.1 Test Result

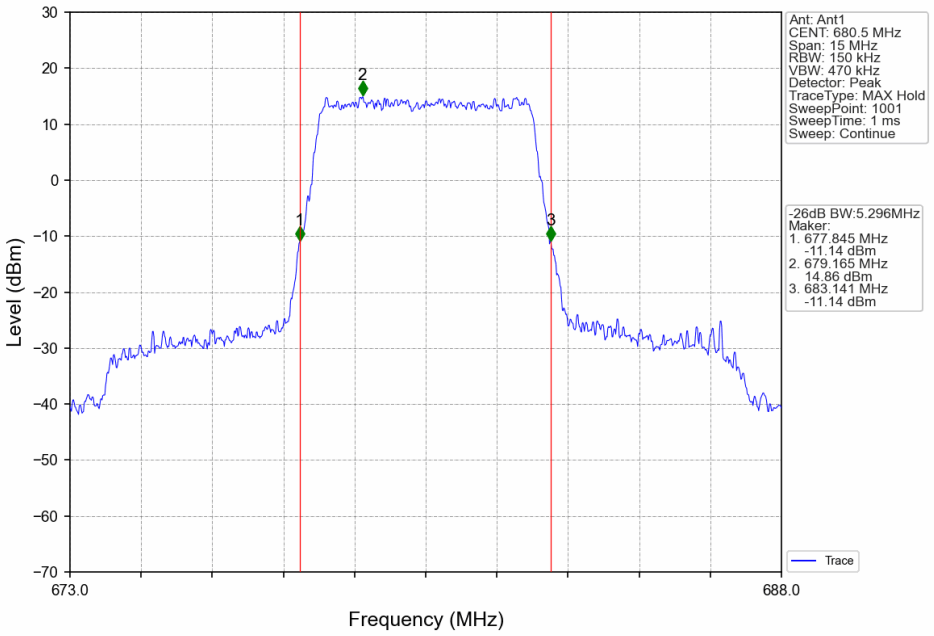
Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	5.248	Pass
		680.5	25	0	5.296	Pass
		695.5	25	0	5.251	Pass
	16QAM	665.5	25	0	5.243	Pass
		680.5	25	0	5.344	Pass
		695.5	25	0	5.238	Pass
10	QPSK	668	50	0	12.133	Pass
		680.5	50	0	10.400	Pass
		693	50	0	10.427	Pass
	16QAM	668	50	0	10.333	Pass
		680.5	50	0	10.368	Pass
		693	50	0	10.217	Pass
15	QPSK	670.5	75	0	15.396	Pass
		680.5	75	0	15.371	Pass
		690.5	75	0	20.382	Pass
	16QAM	670.5	75	0	15.273	Pass
		680.5	75	0	15.430	Pass
		690.5	75	0	18.493	Pass
20	QPSK	673	100	0	20.027	Pass
		683	100	0	20.161	Pass
		688	100	0	20.032	Pass
	16QAM	673	100	0	20.176	Pass
		683	100	0	20.055	Pass
		688	100	0	20.214	Pass

4.2.2 Test Graph

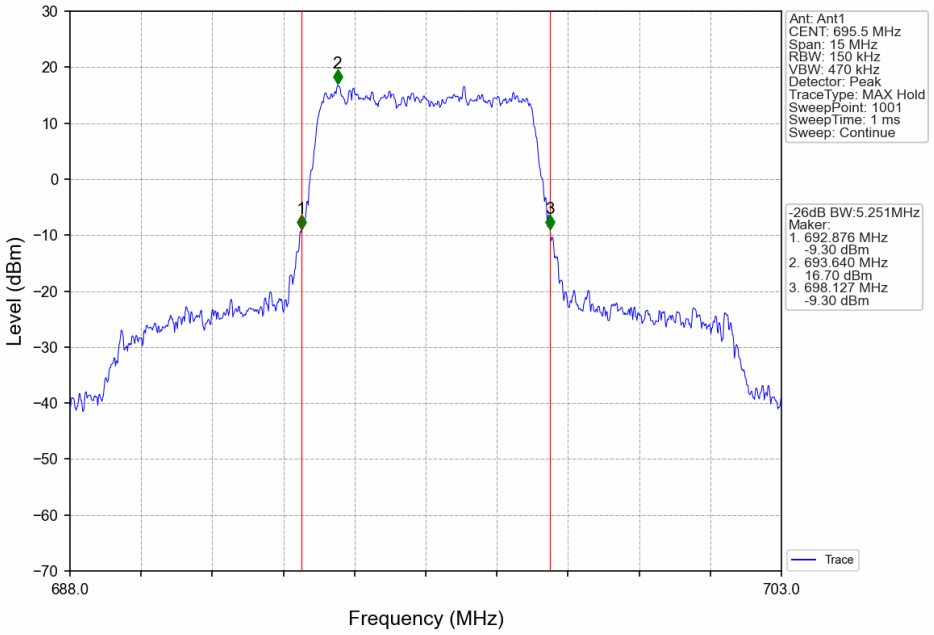
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



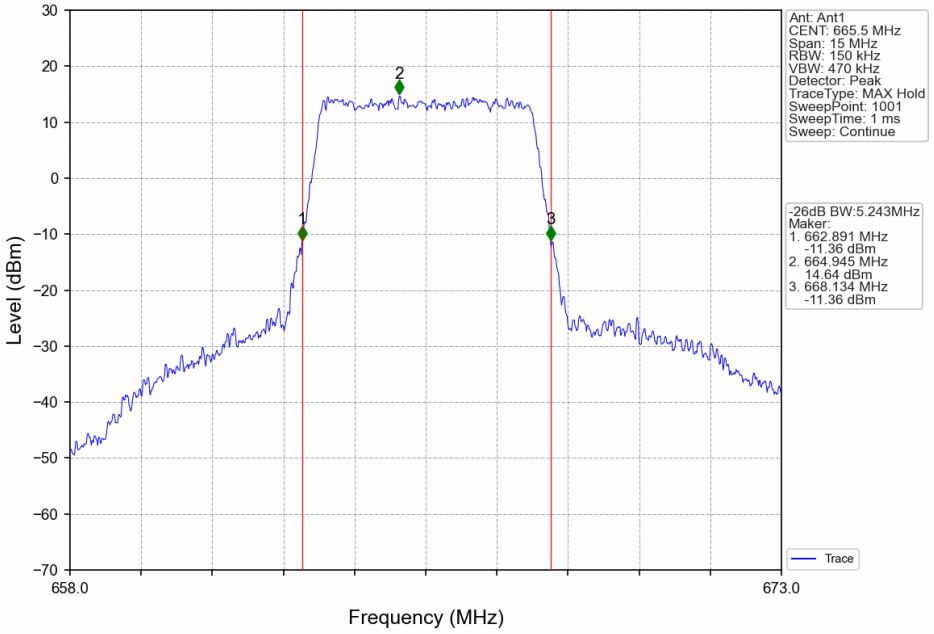
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



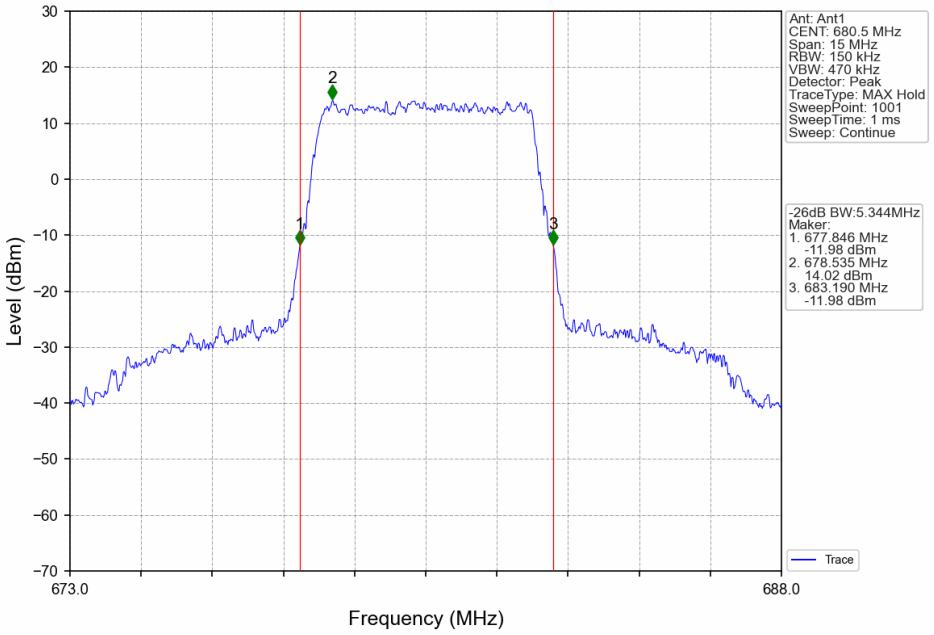
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



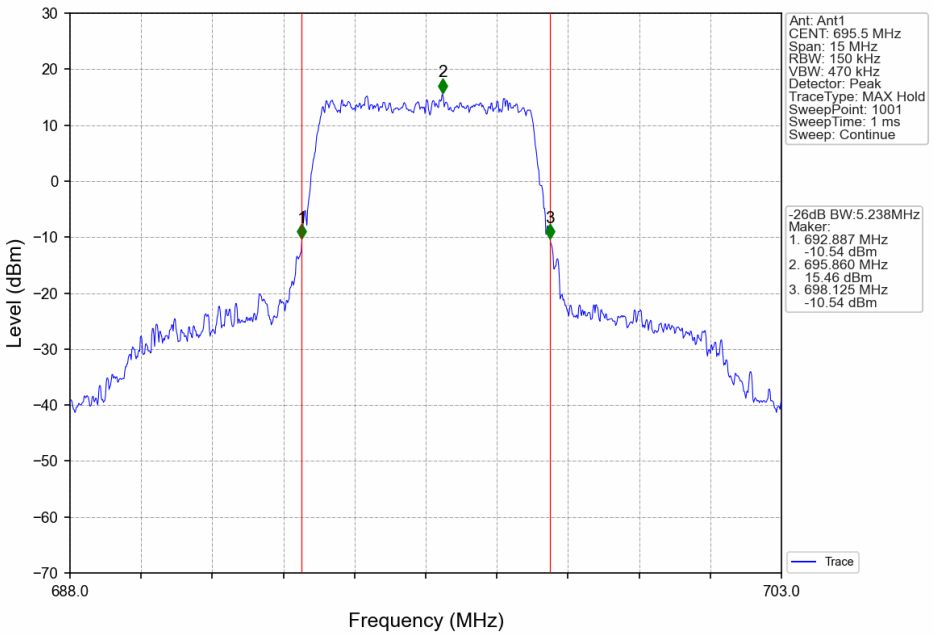
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



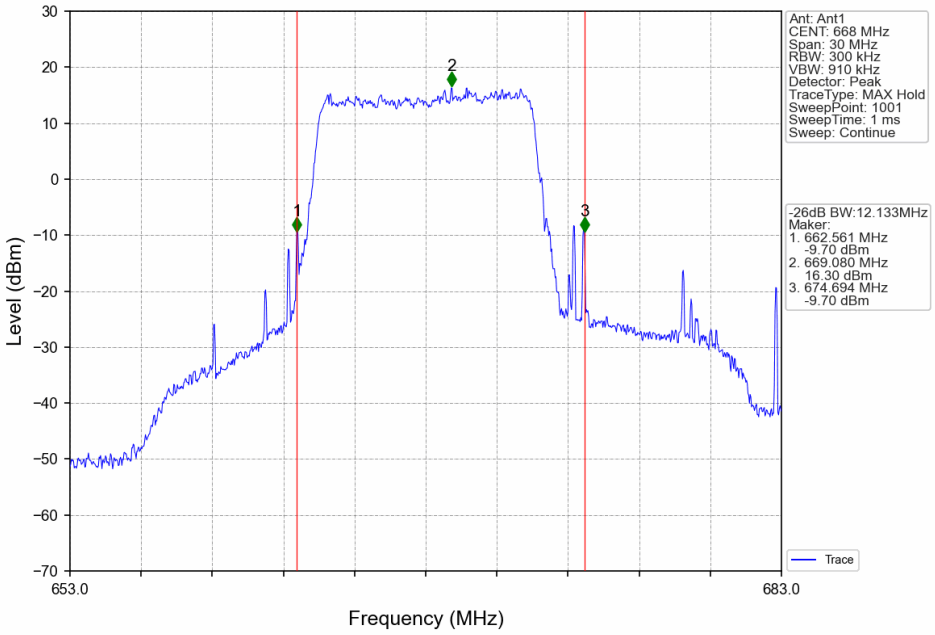
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



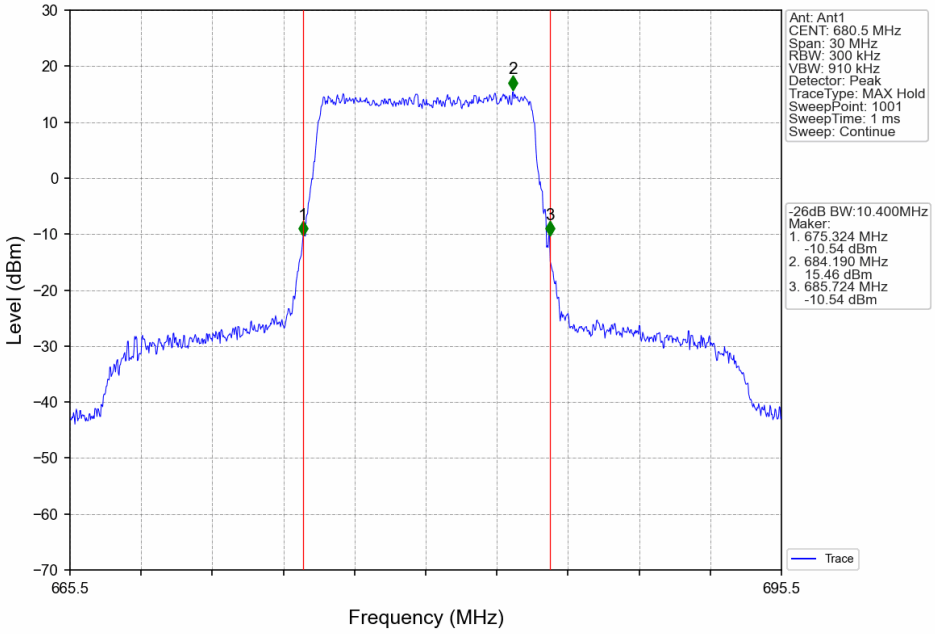
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



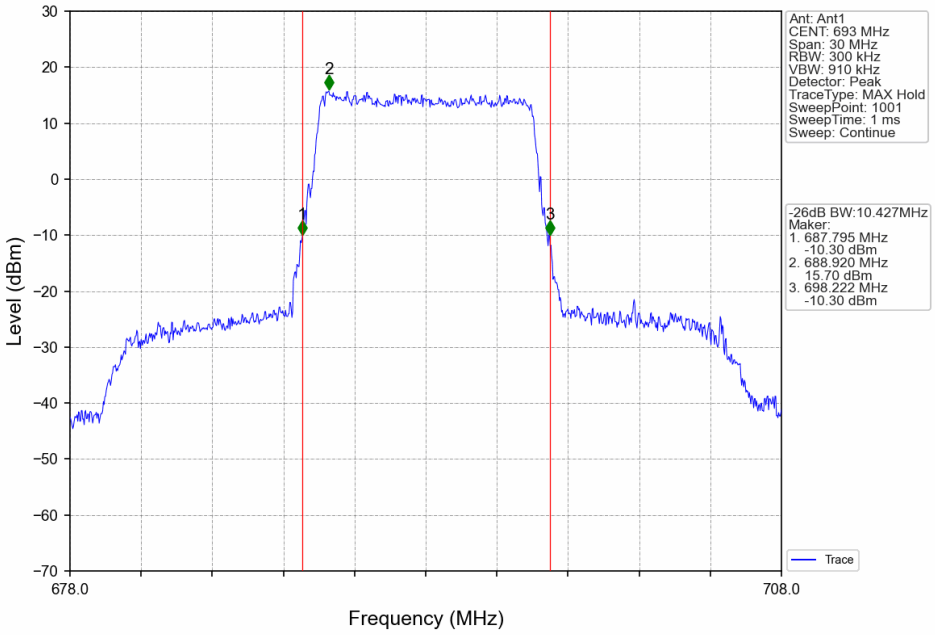
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



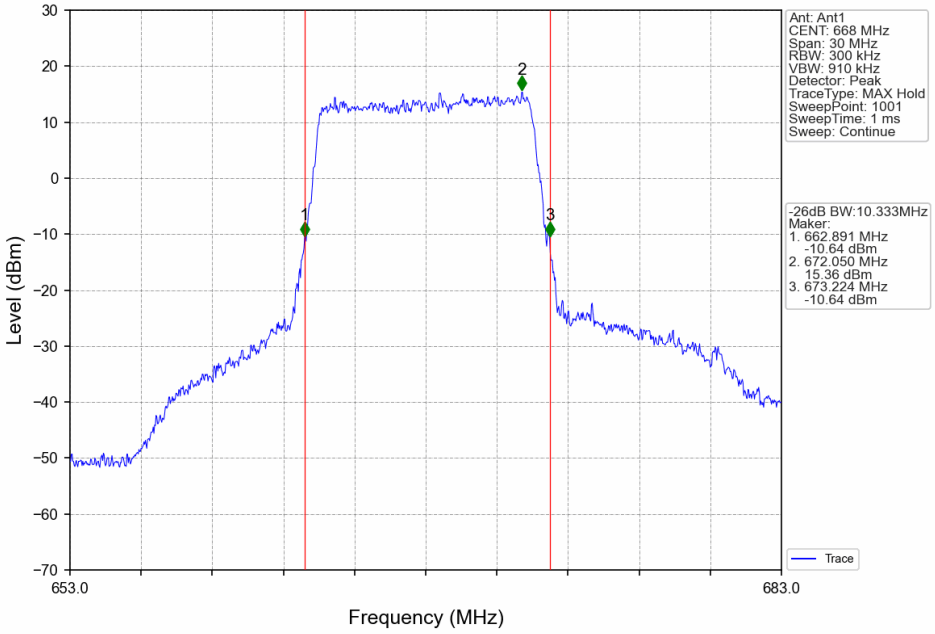
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



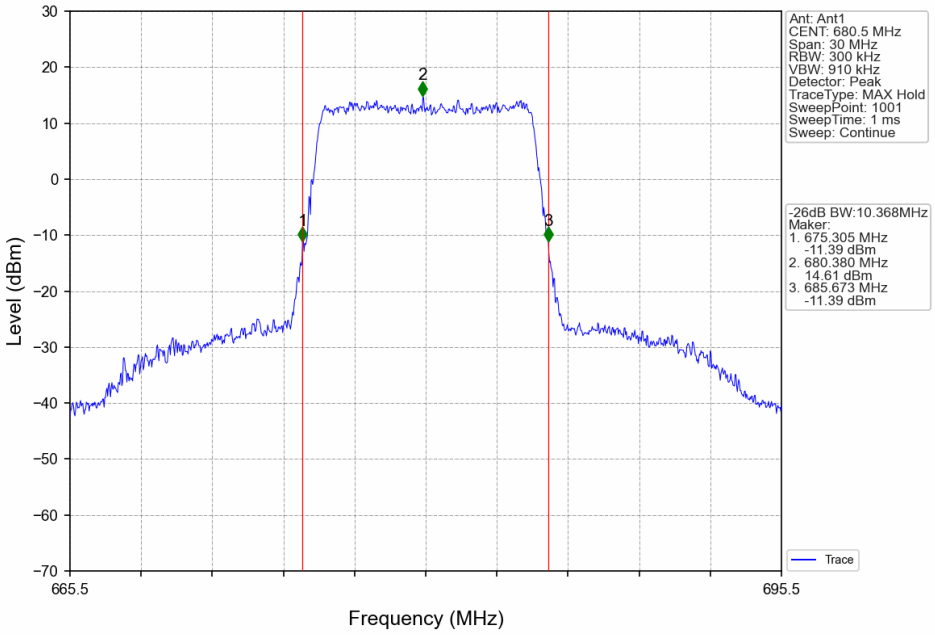
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



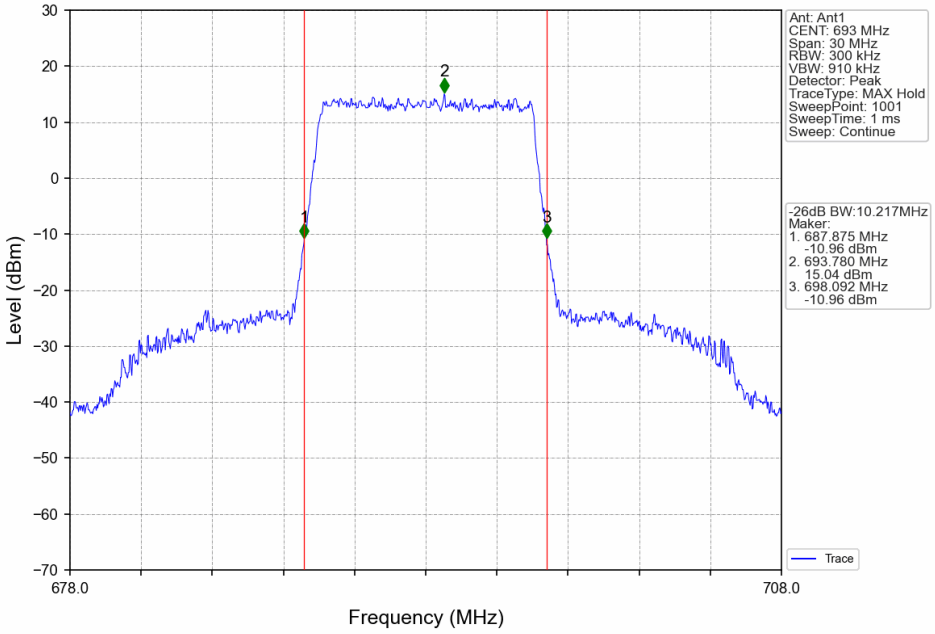
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



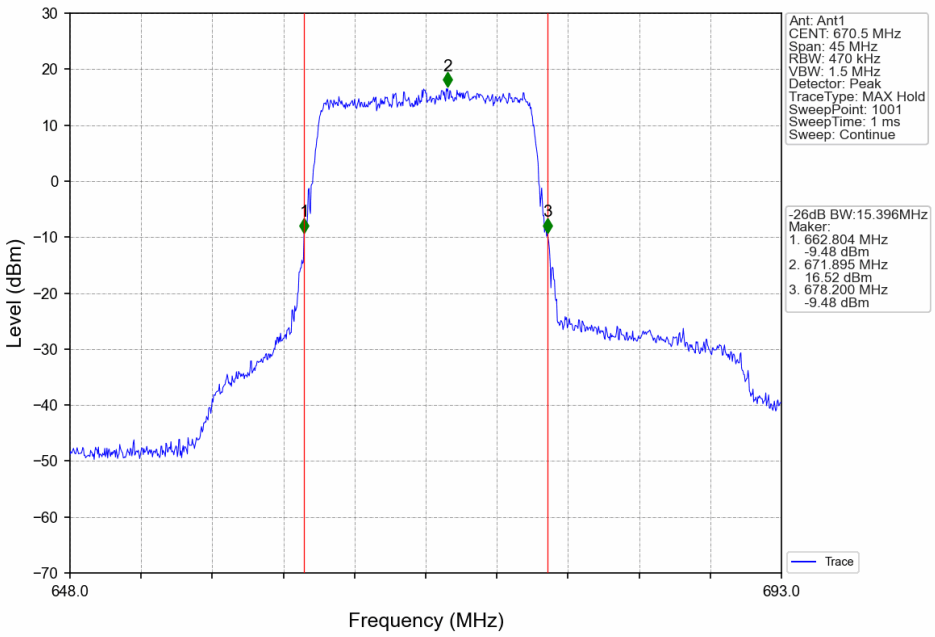
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



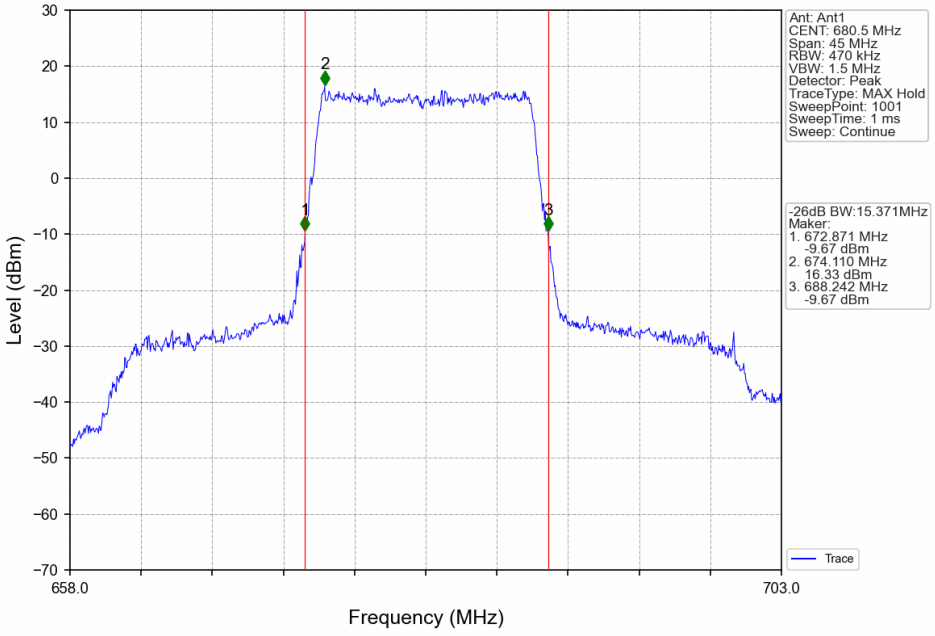
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



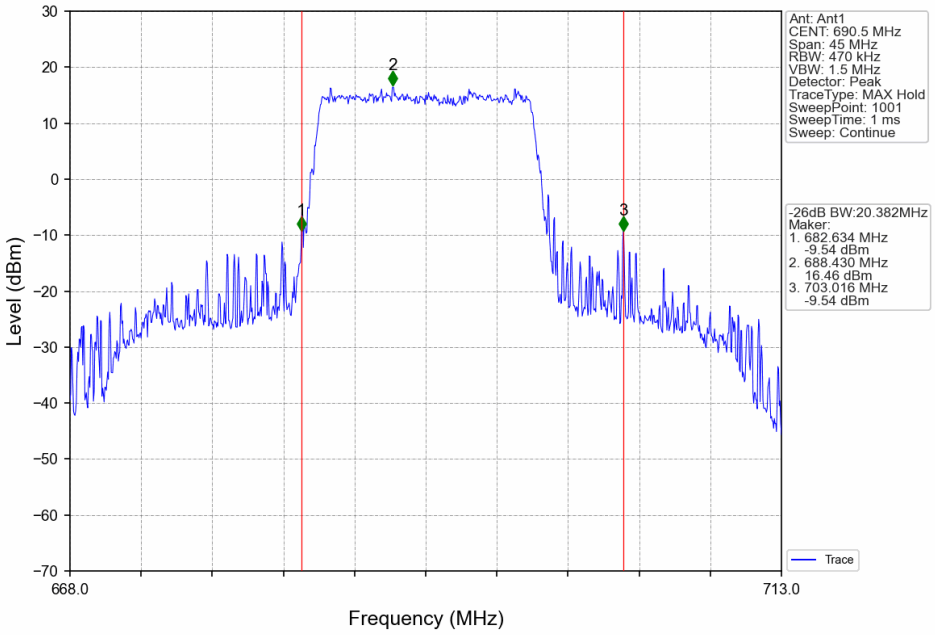
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



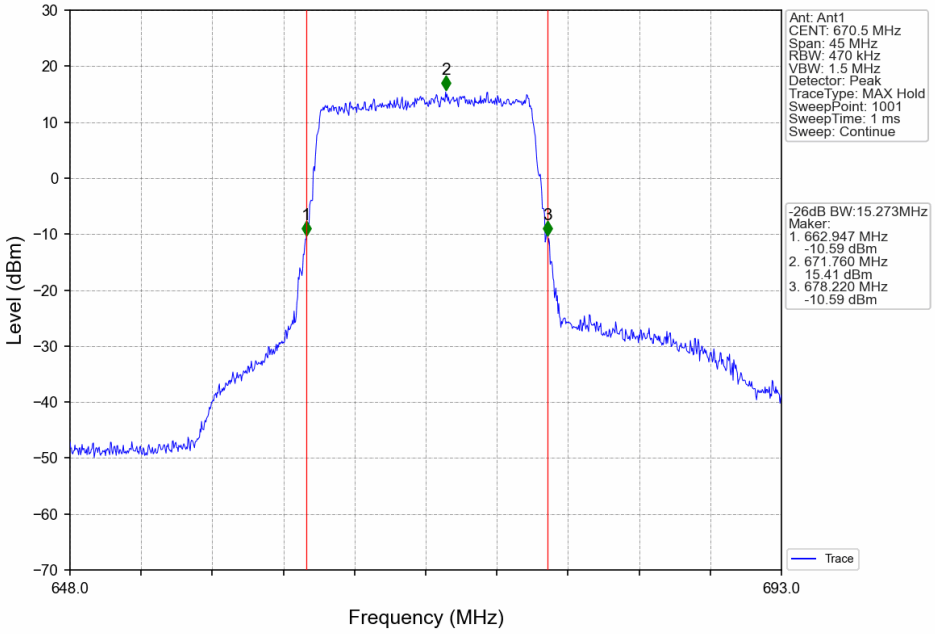
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



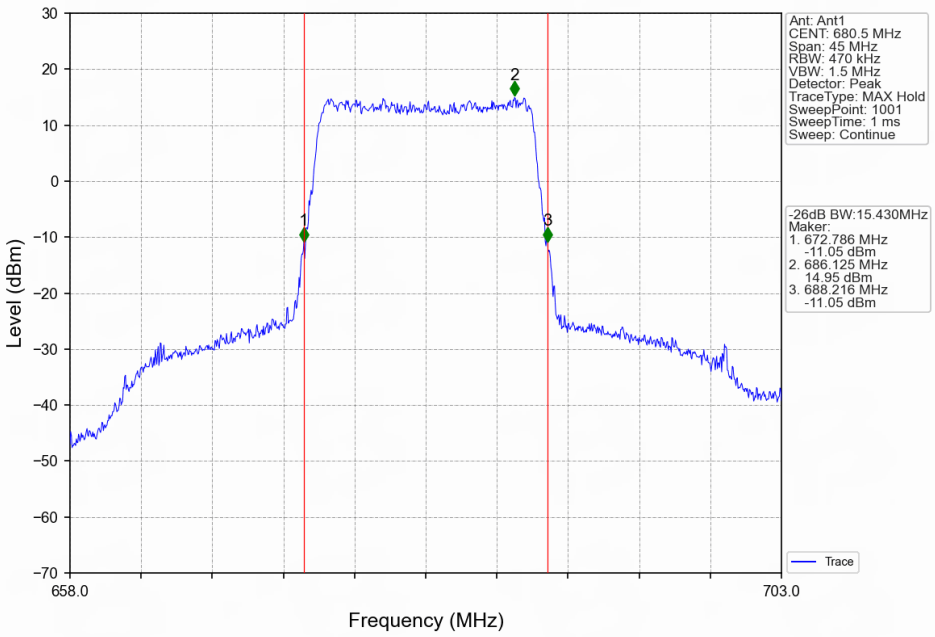
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



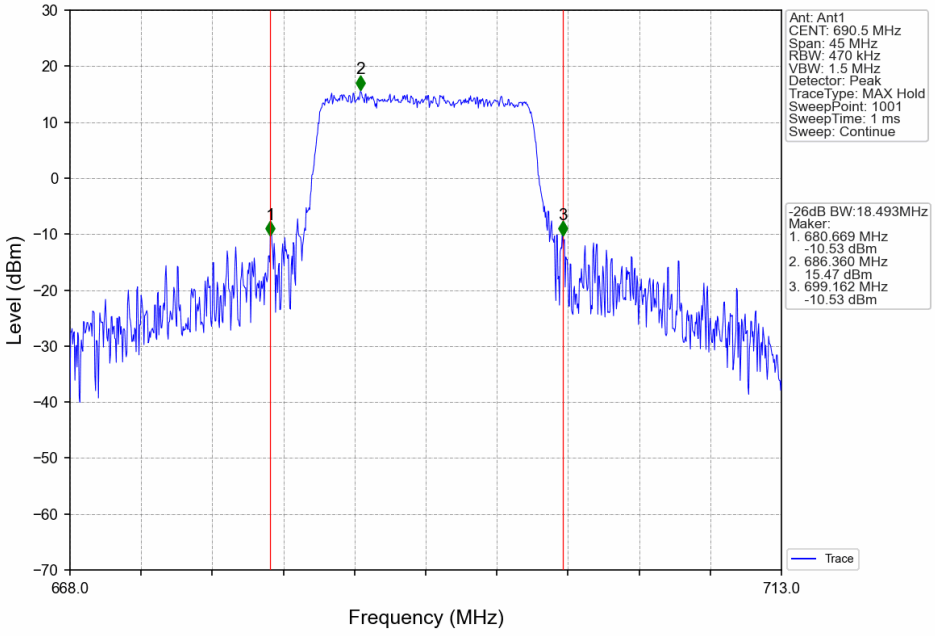
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



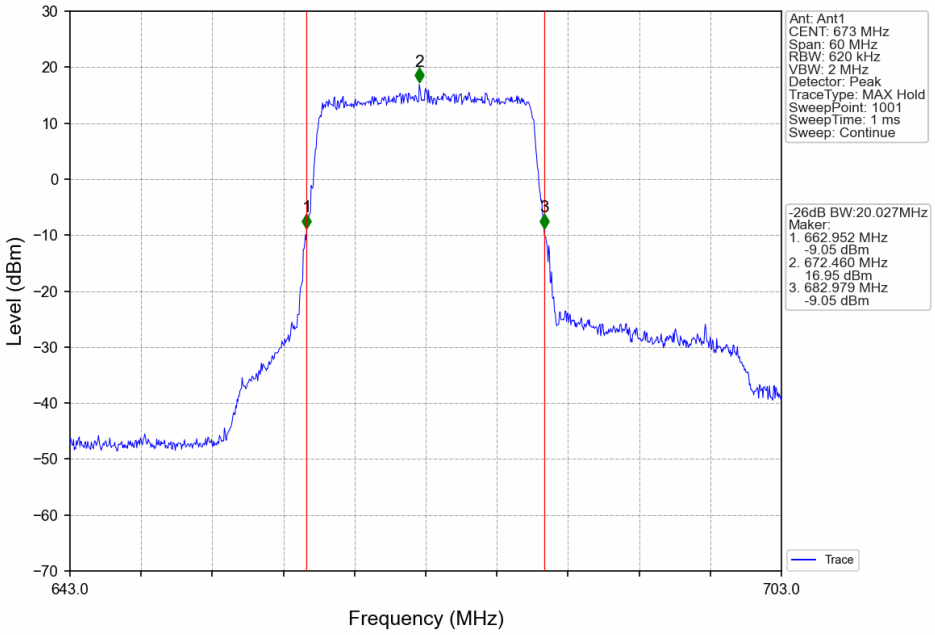
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



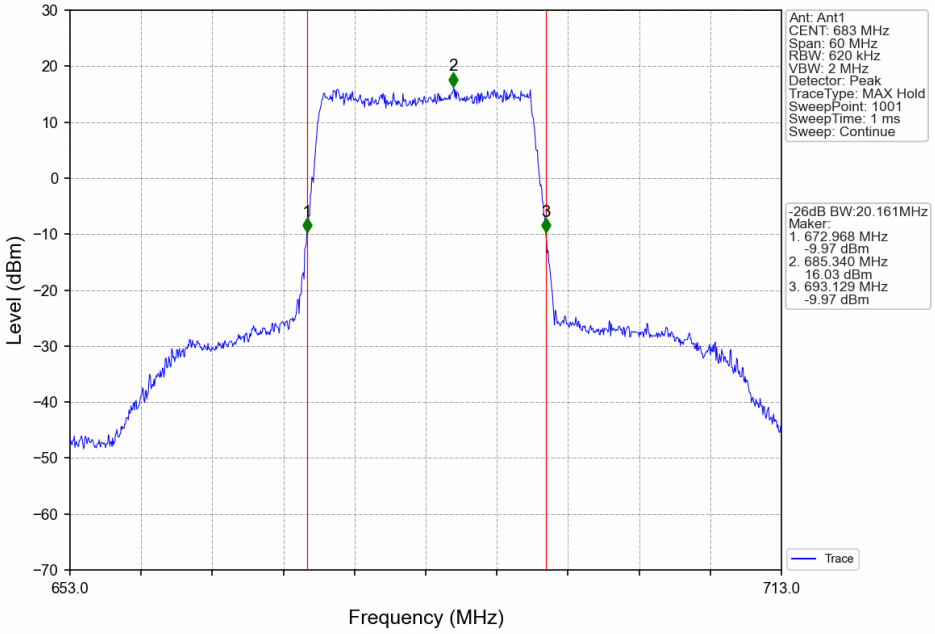
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



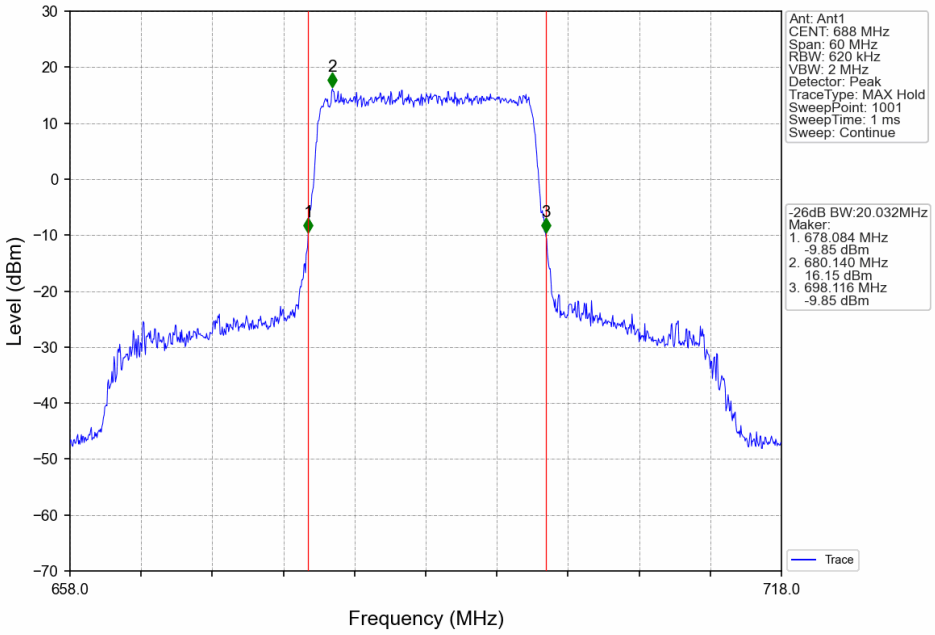
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



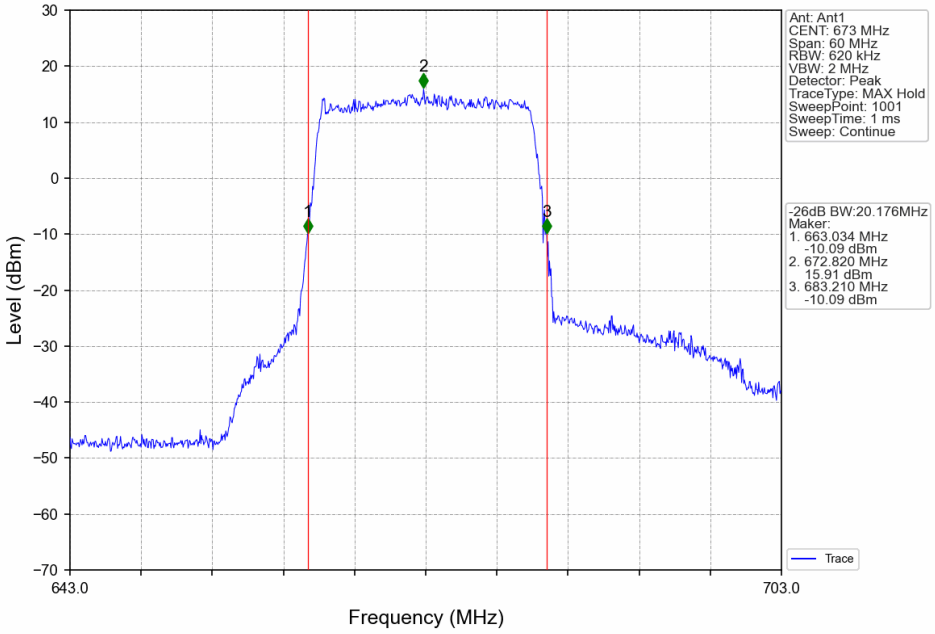
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



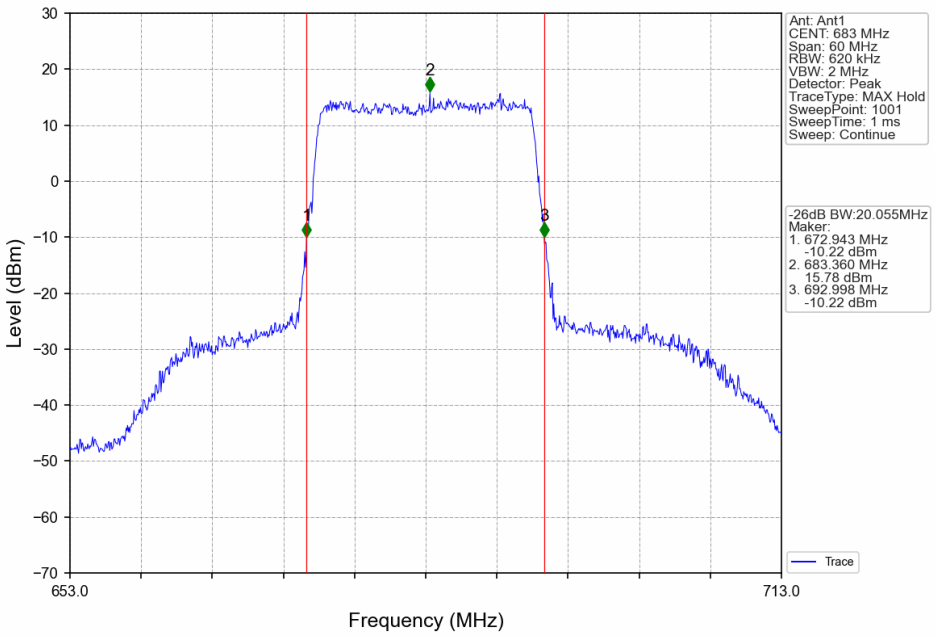
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



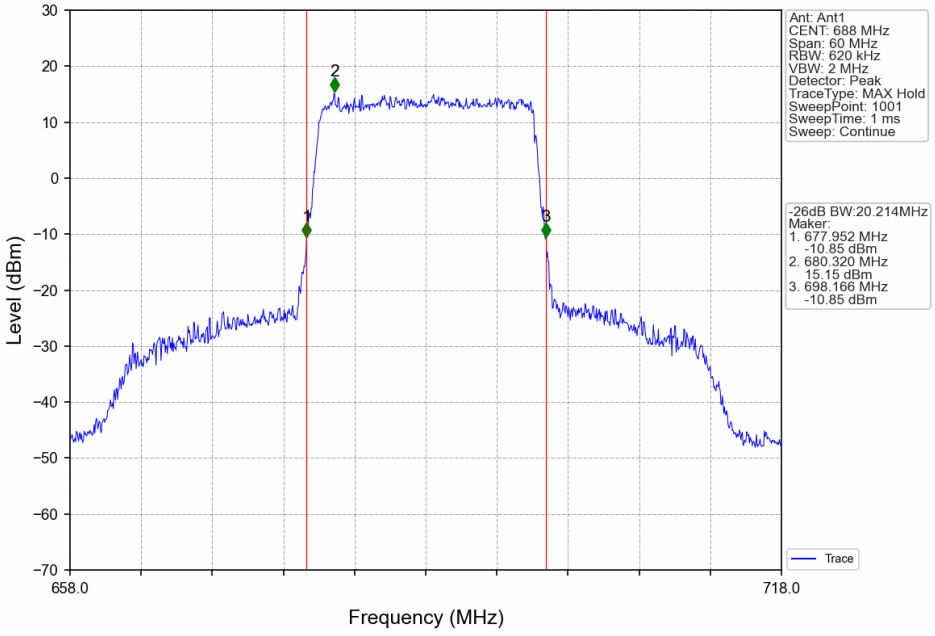
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



5. Peak-Average Ratio

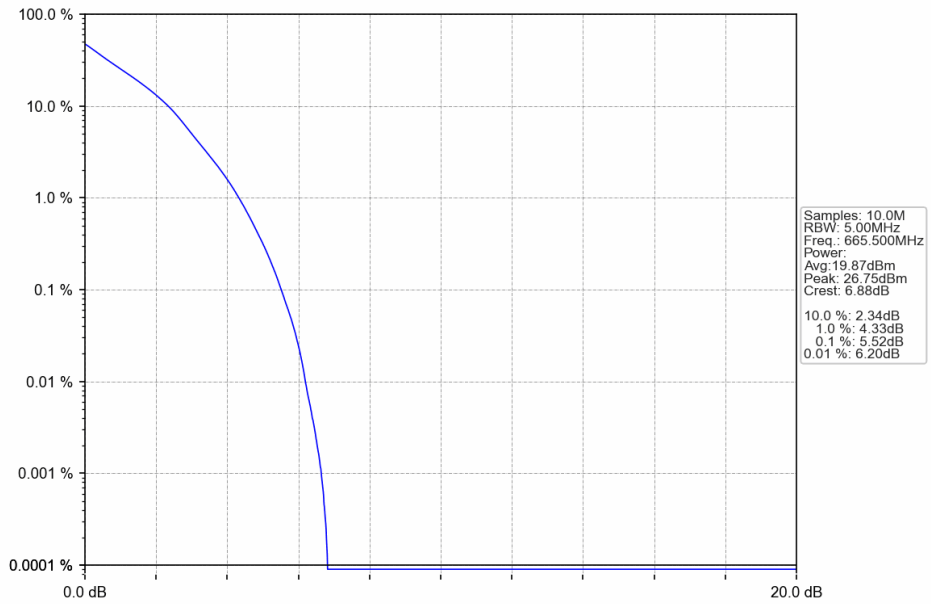
5.1 B71_5MHz

5.1.1 Test Result

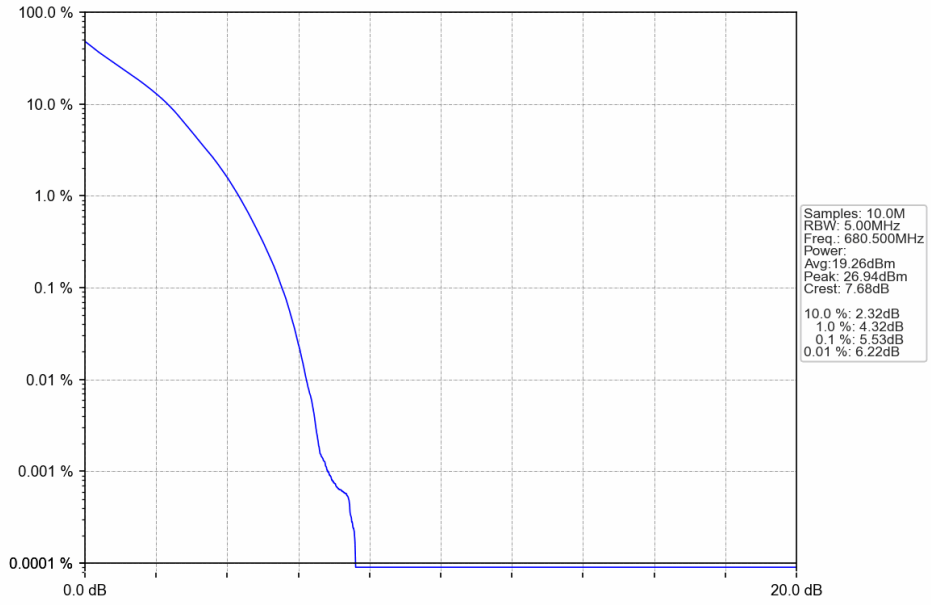
Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.52	<=13	Pass
	680.5	25	0	5.53	<=13	Pass
	695.5	25	0	5.27	<=13	Pass
16QAM	665.5	25	0	6.20	<=13	Pass
	680.5	25	0	6.15	<=13	Pass
	695.5	25	0	5.93	<=13	Pass

5.1.2 Test Graph

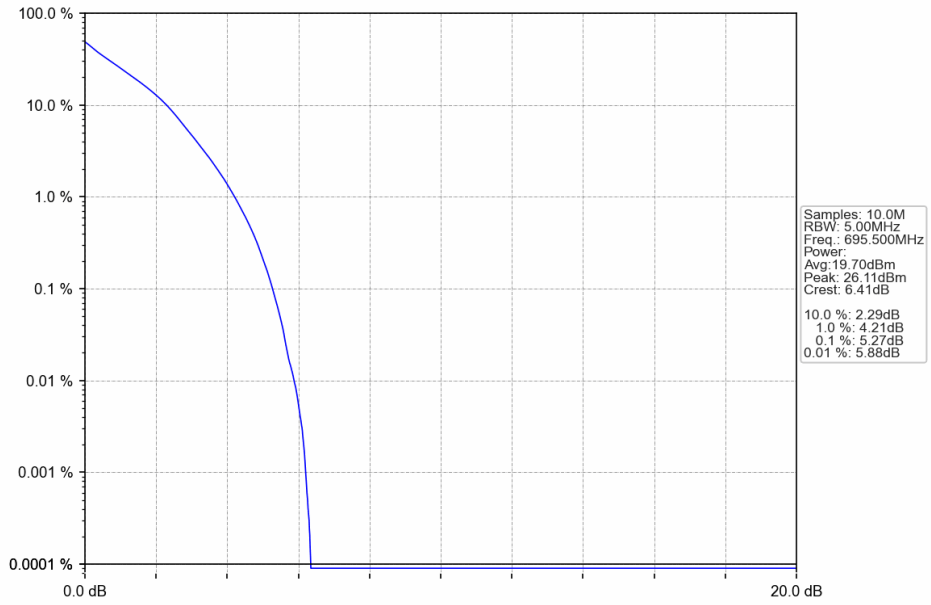
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



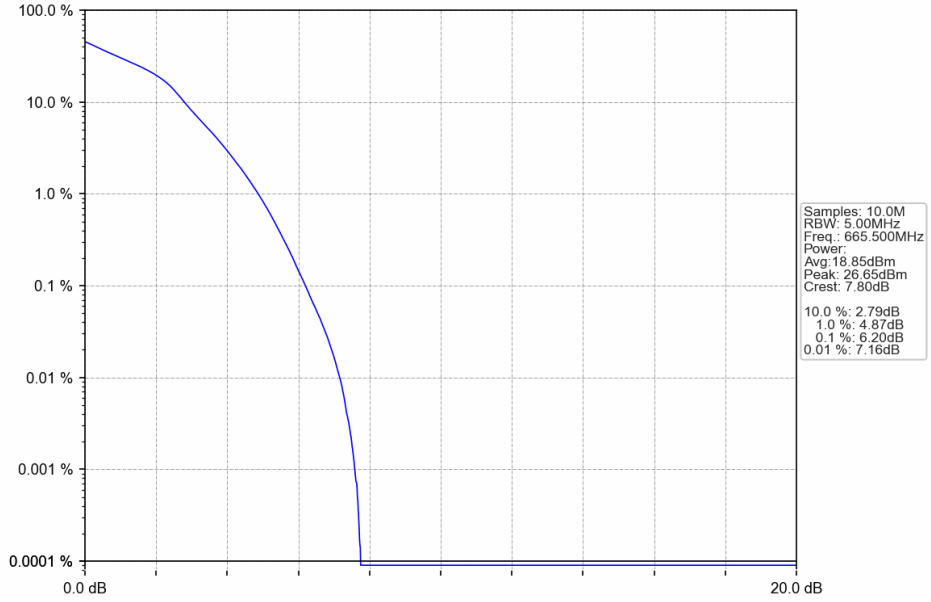
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



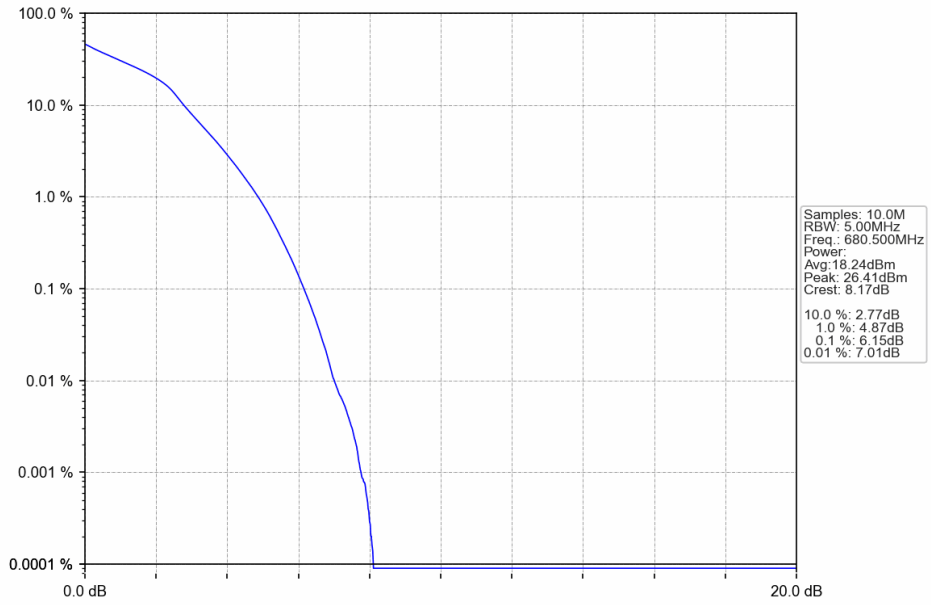
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



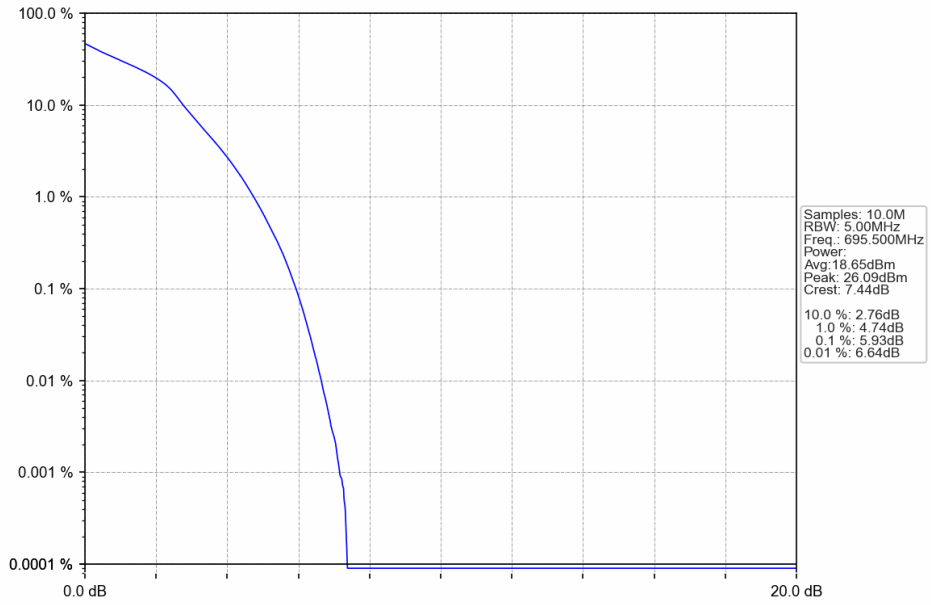
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



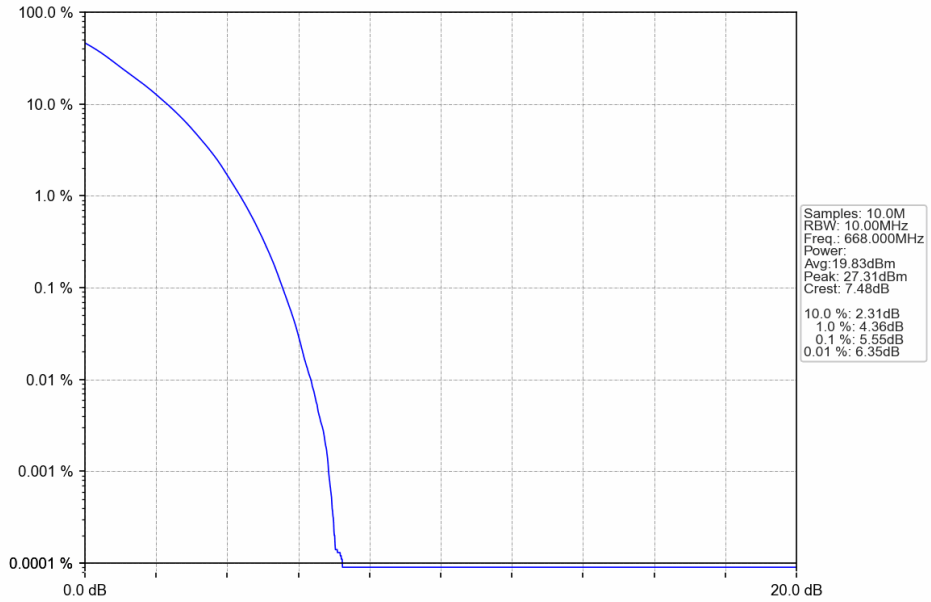
5.2 B71_10MHz

5.2.1 Test Result

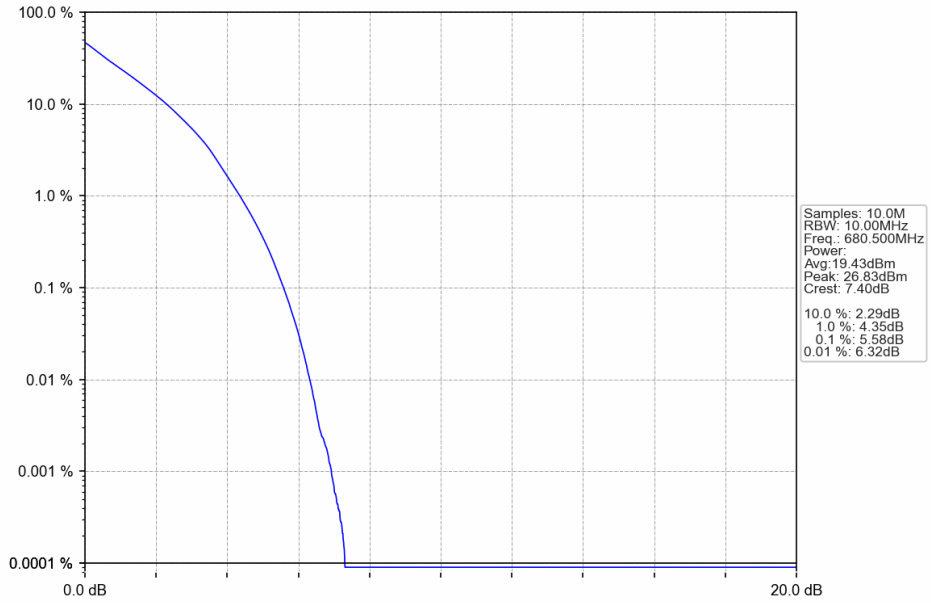
Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.55	<=13	Pass
	680.5	50	0	5.58	<=13	Pass
	693	50	0	5.43	<=13	Pass
16QAM	668	50	0	6.21	<=13	Pass
	680.5	50	0	6.25	<=13	Pass
	693	50	0	6.10	<=13	Pass

5.2.2 Test Graph

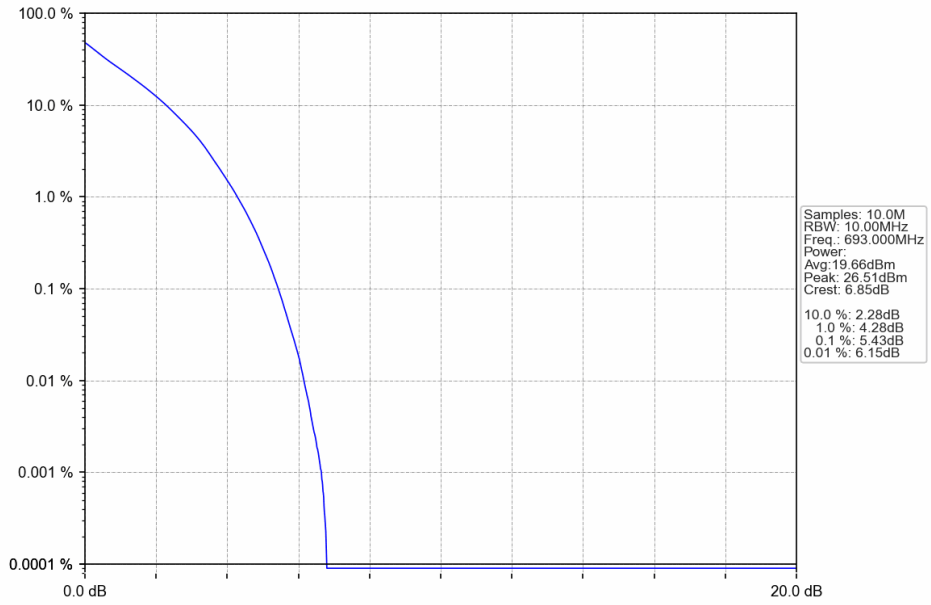
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



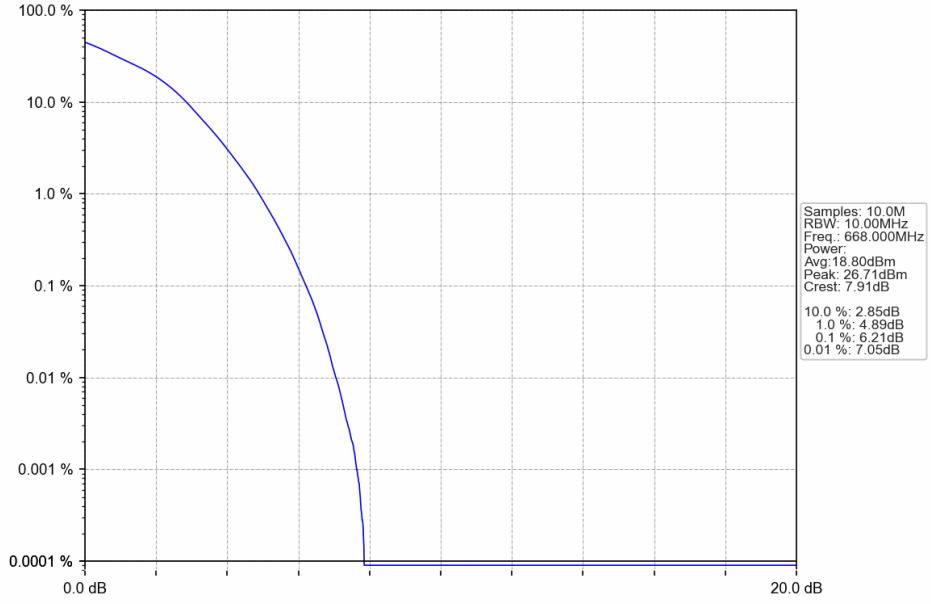
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



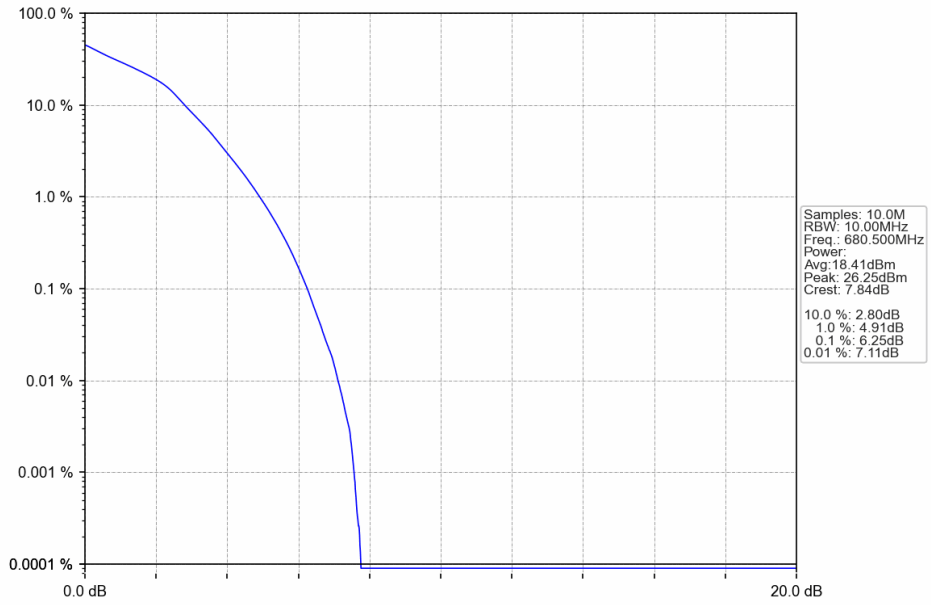
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



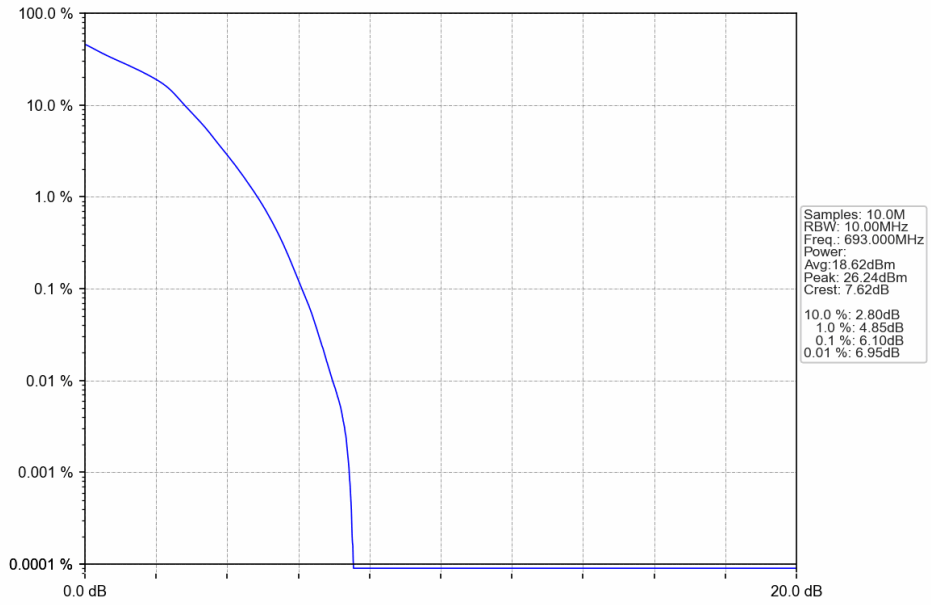
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



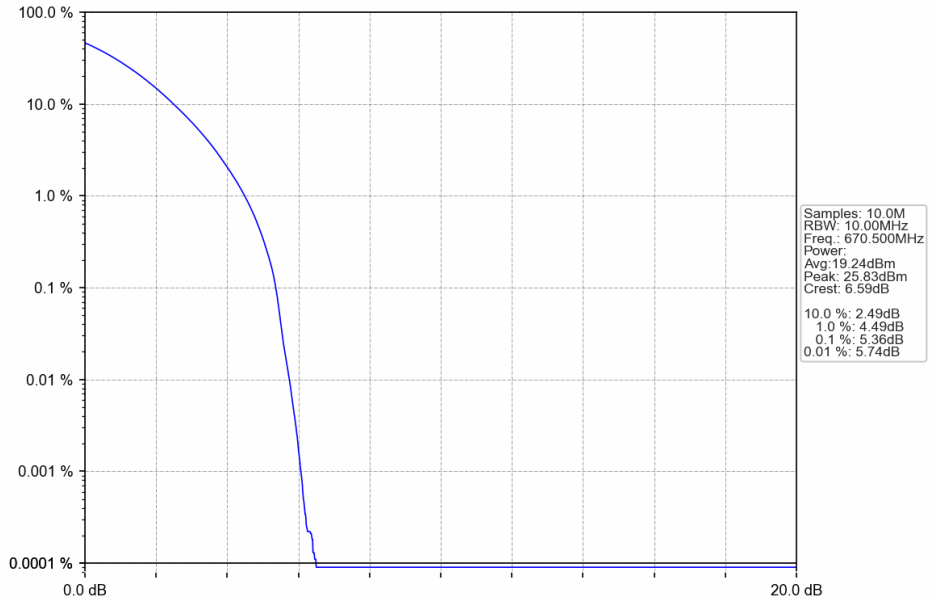
5.3 B71_15MHz

5.3.1 Test Result

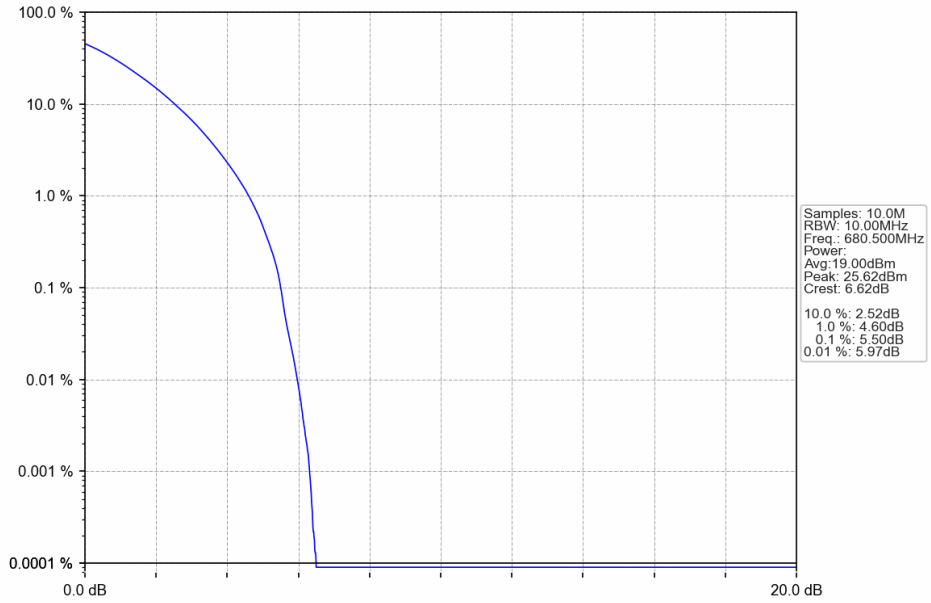
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.36	<=13	Pass
	680.5	75	0	5.50	<=13	Pass
	690.5	75	0	5.18	<=13	Pass
16QAM	670.5	75	0	6.10	<=13	Pass
	680.5	75	0	8.33	<=13	Pass
	690.5	75	0	5.99	<=13	Pass

5.3.2 Test Graph

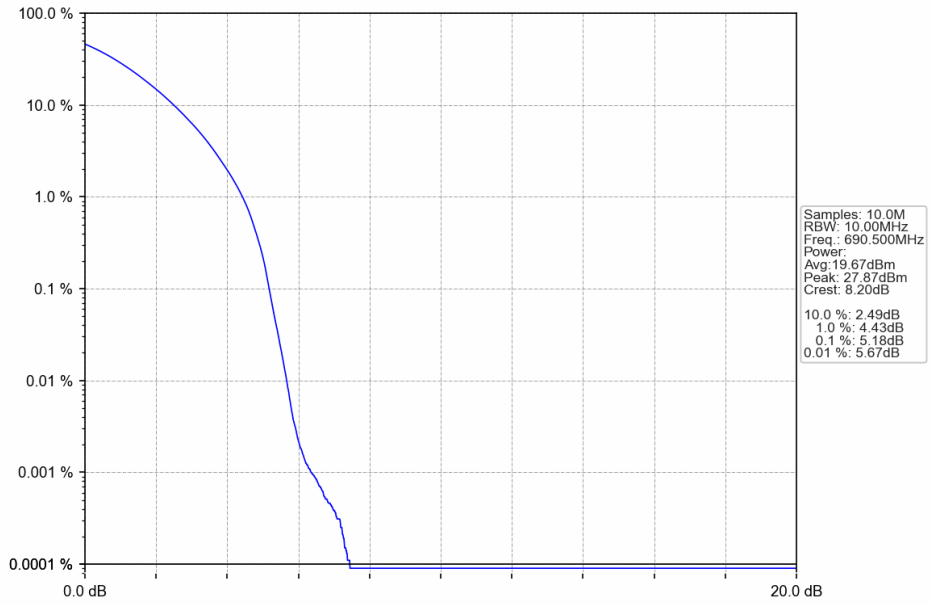
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



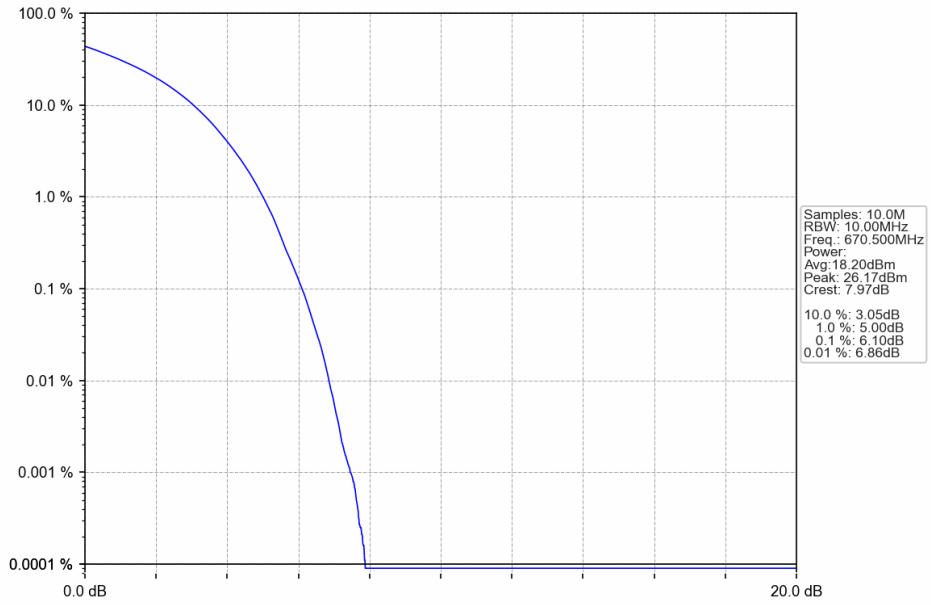
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



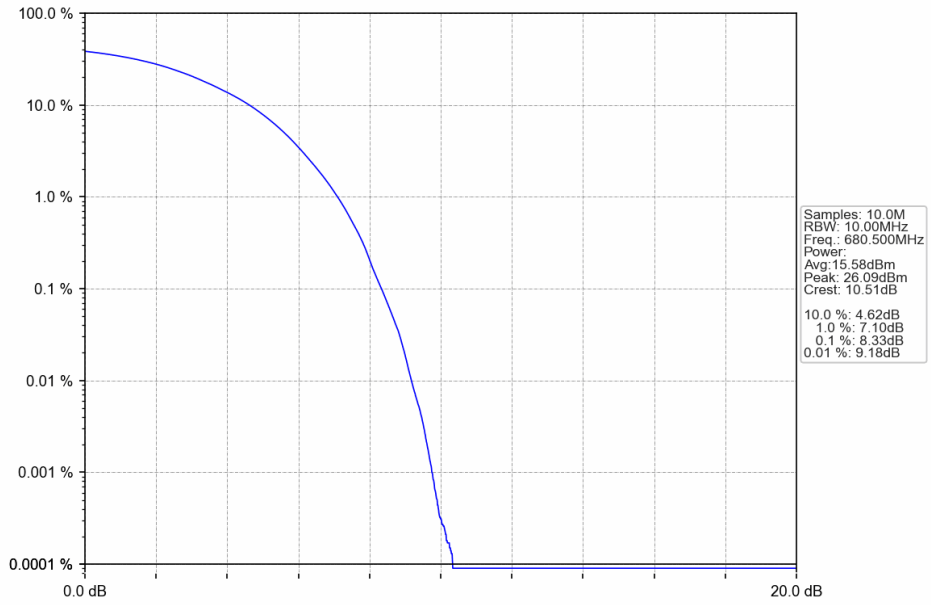
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



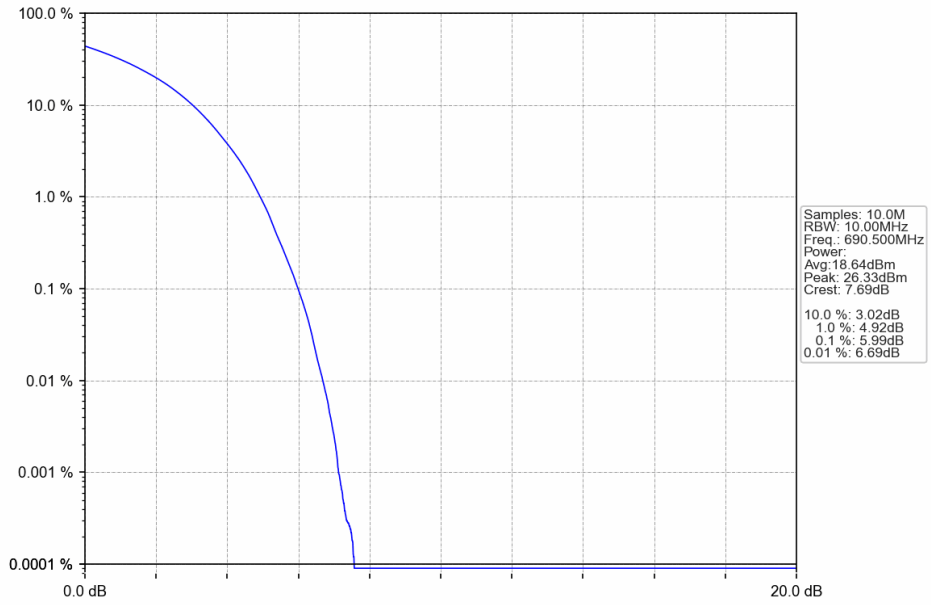
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



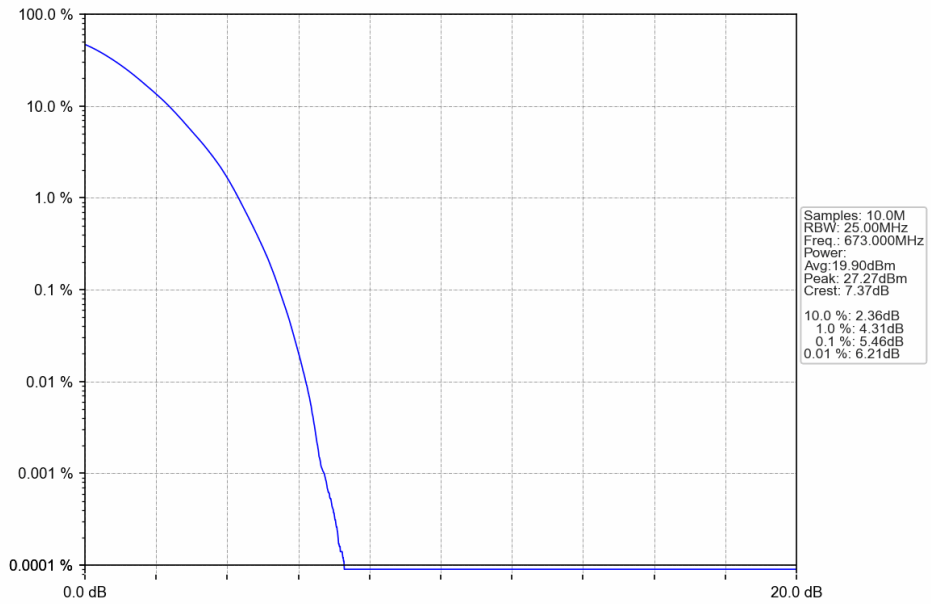
5.4 B71_20MHz

5.4.1 Test Result

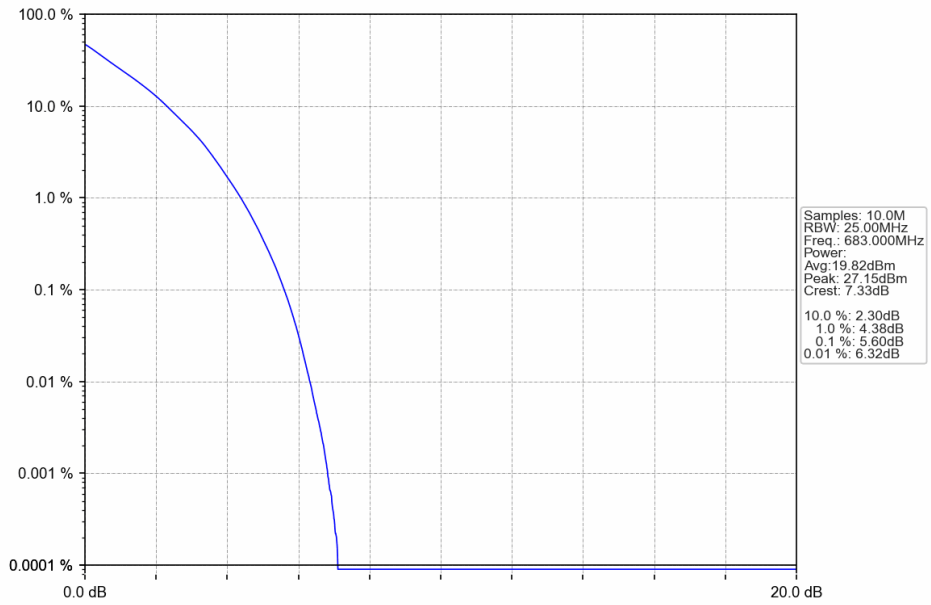
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.46	<=13	Pass
	683	100	0	5.60	<=13	Pass
	688	100	0	5.37	<=13	Pass
16QAM	673	100	0	6.15	<=13	Pass
	683	100	0	6.25	<=13	Pass
	688	100	0	6.09	<=13	Pass

5.4.2 Test Graph

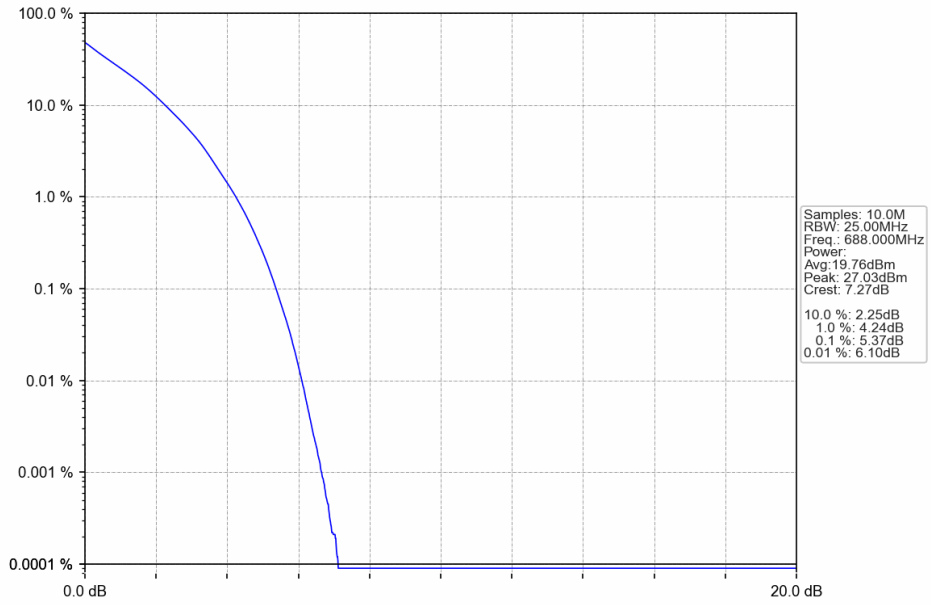
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



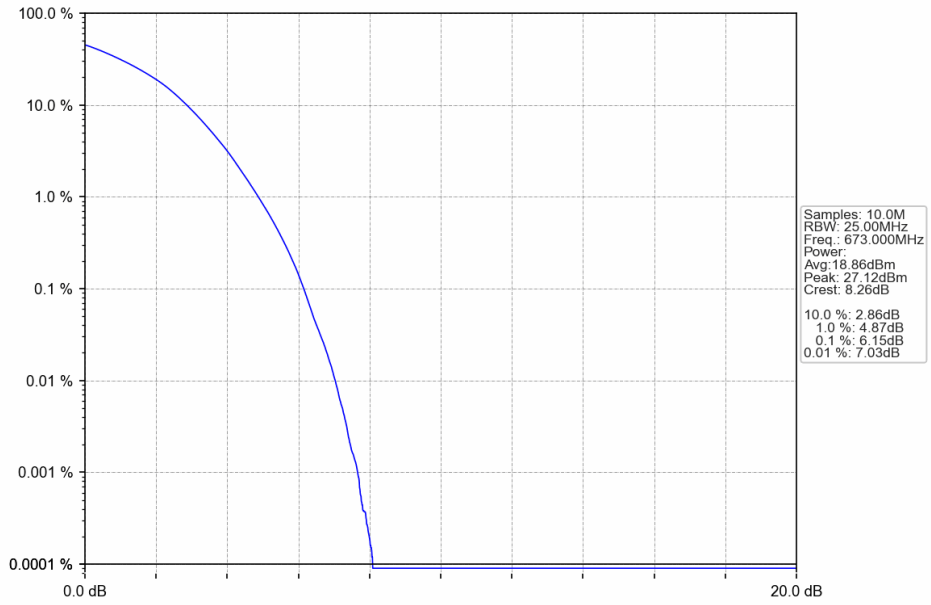
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



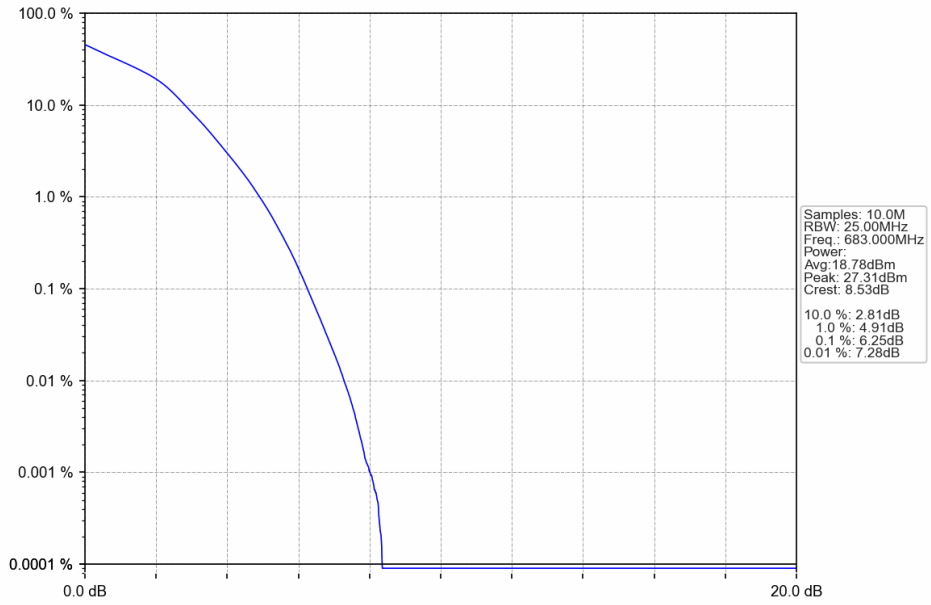
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



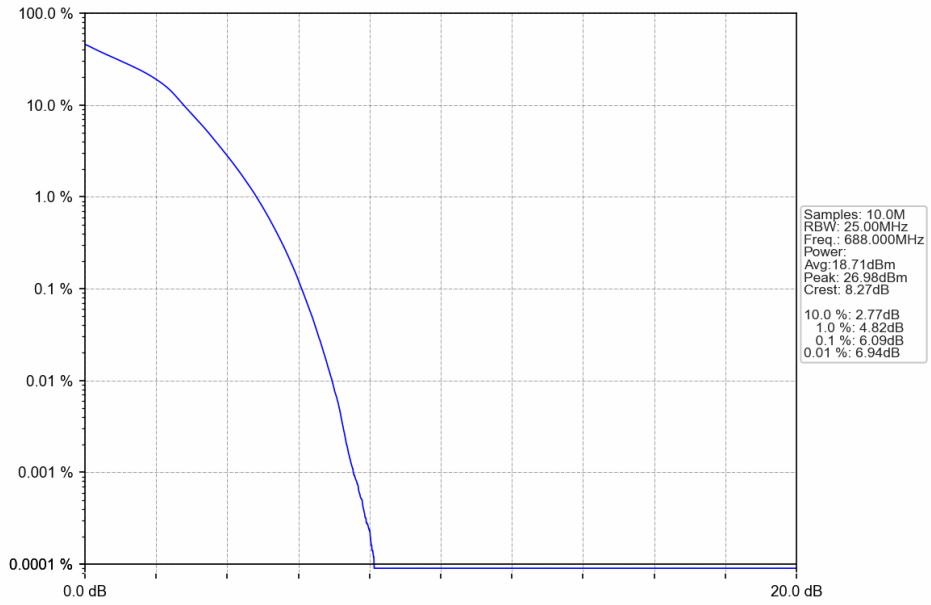
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



6. Spurious Emission

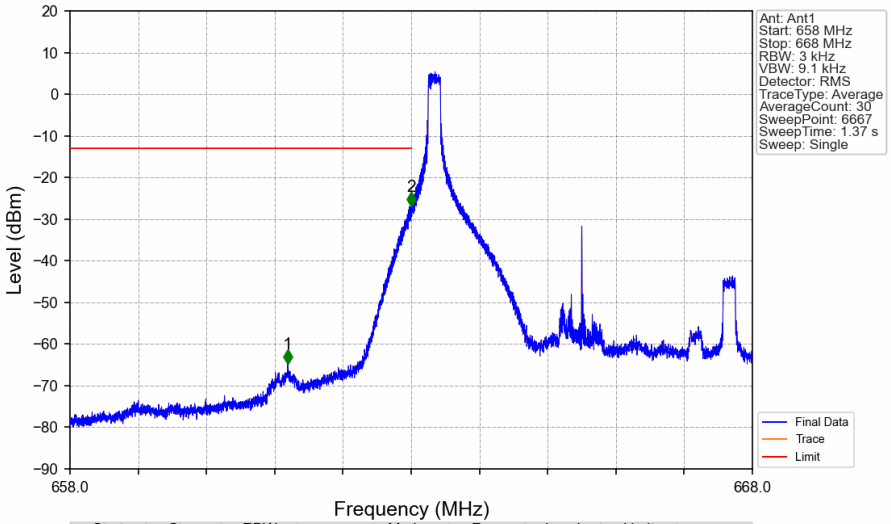
6.1 B71_5MHz

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

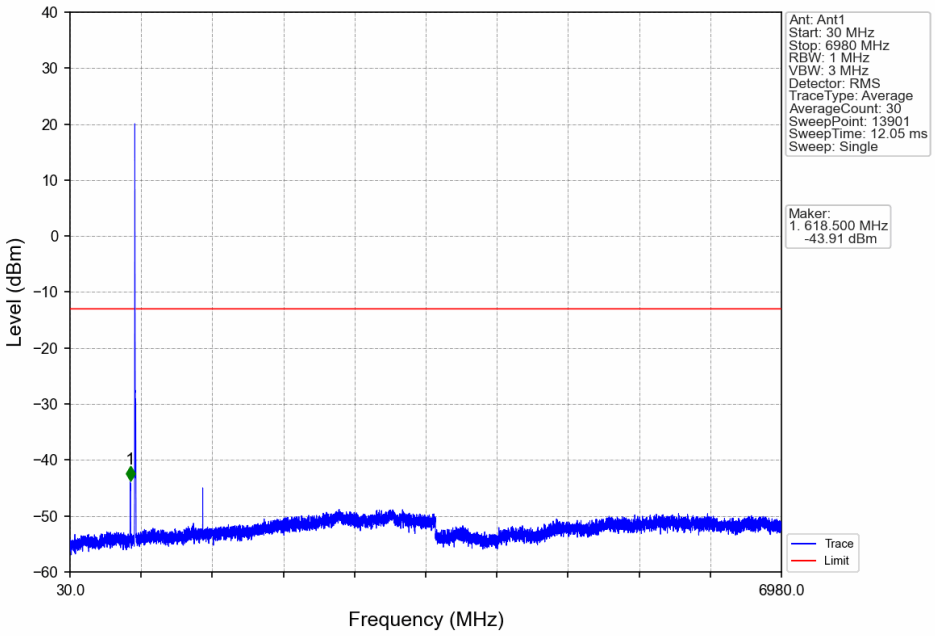
6.1.2 Test Graph

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

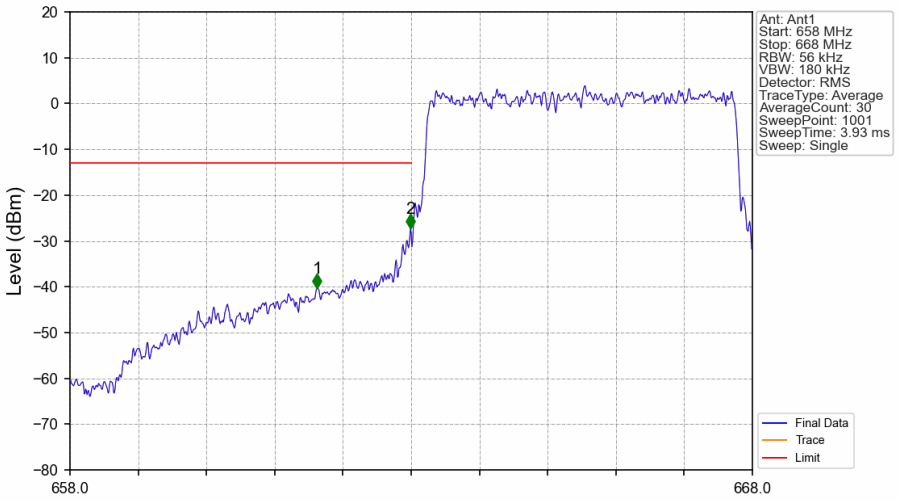


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.191	-64.75	-13	Pass
662	663	0.003	/	2	663.000	-26.94	-13	Pass
663	668	0.003	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

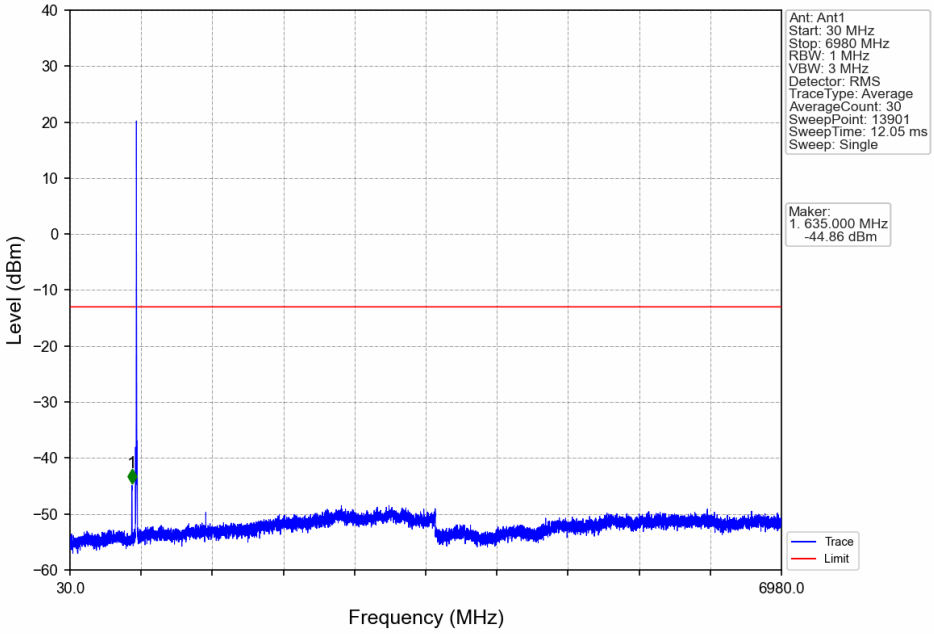


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

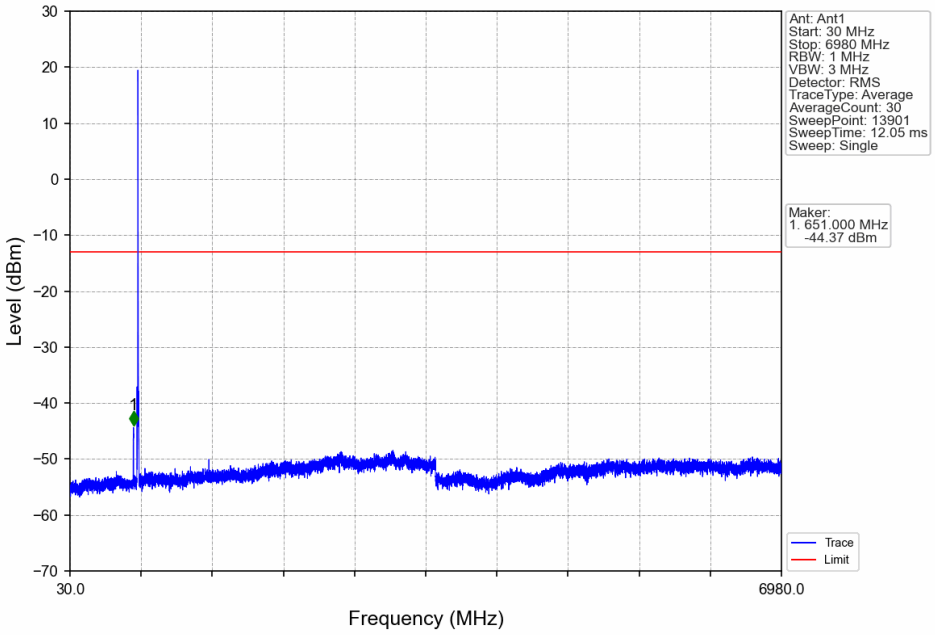


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.620	-40.40	-13	Pass
662	663	0.056	/	2	662.990	-27.24	-13	Pass
663	668	0.056	/	/	/	/	/	/

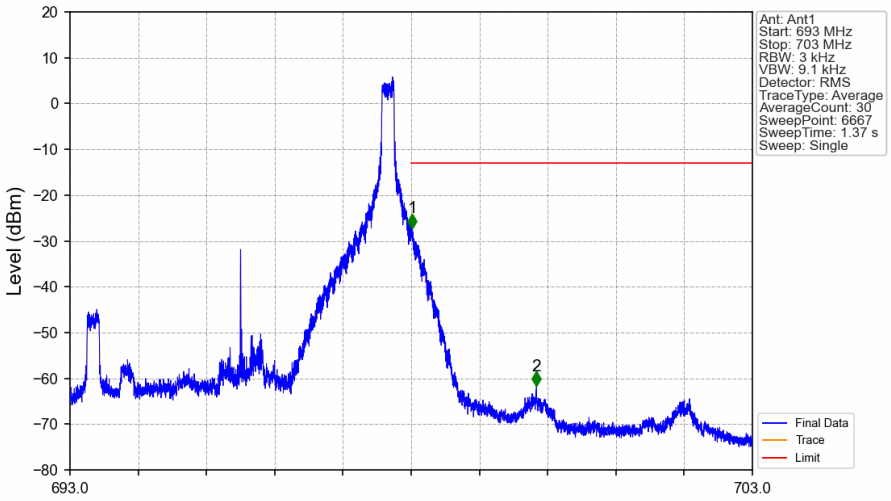
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

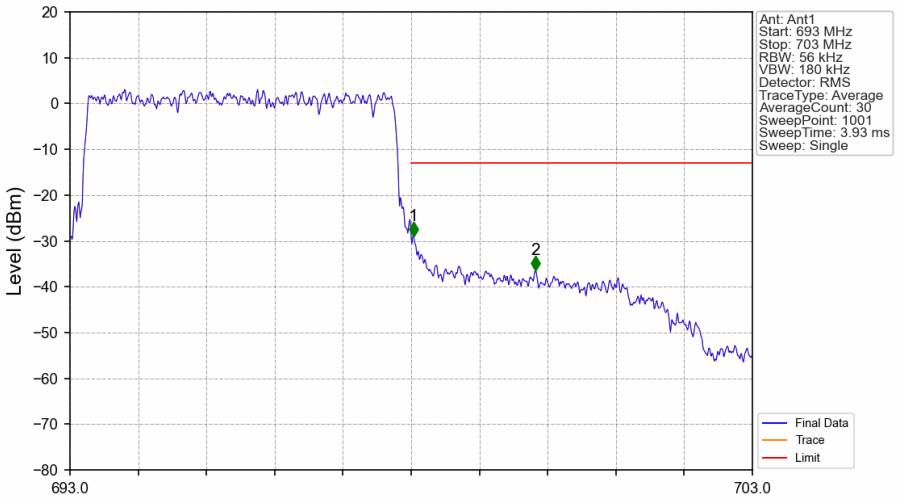


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



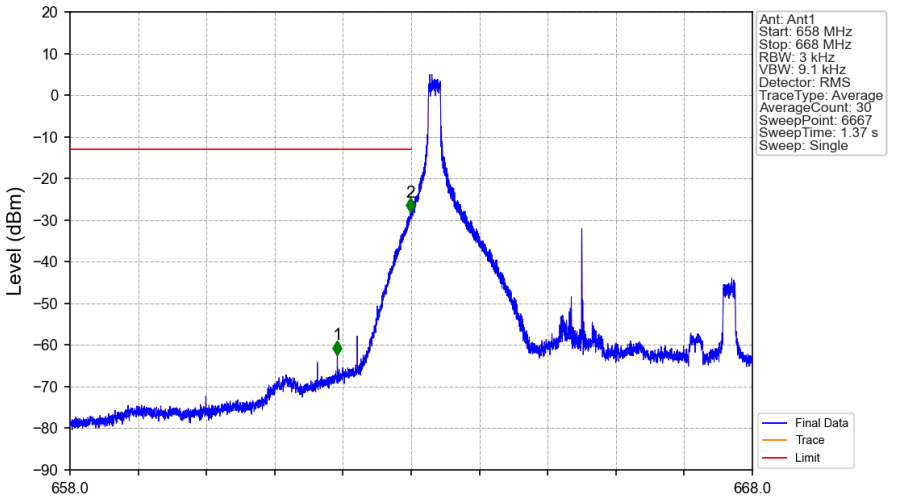
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.014	-27.18	-13	Pass
699	703	0.1	/	2	699.836	-61.64	-13	Pass

Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



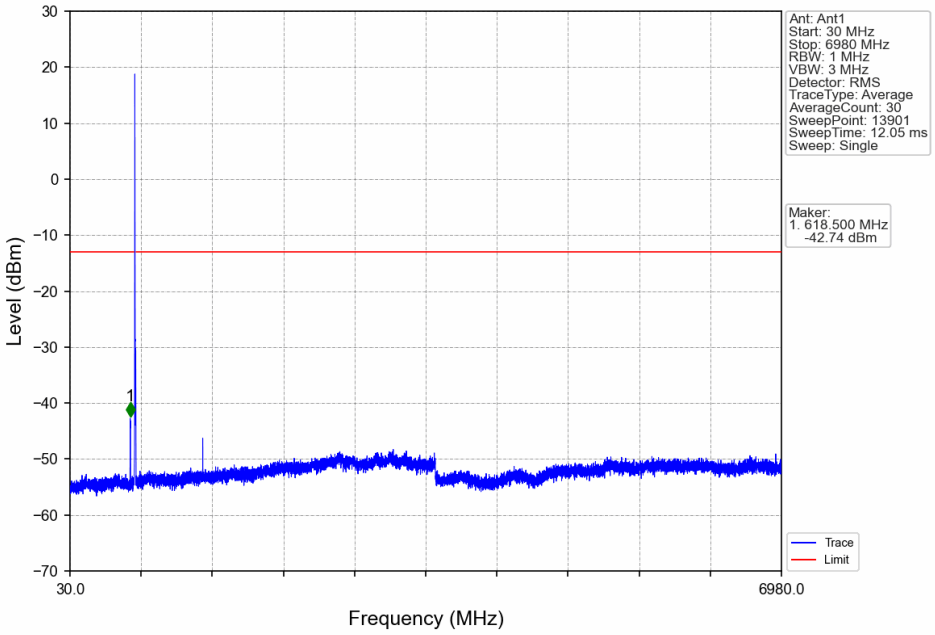
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.056	/	/	/	/	/	/
698	699	0.056	/	1	698.030	-28.95	-13	Pass
699	703	0.1	/	2	699.820	-36.35	-13	Pass

Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

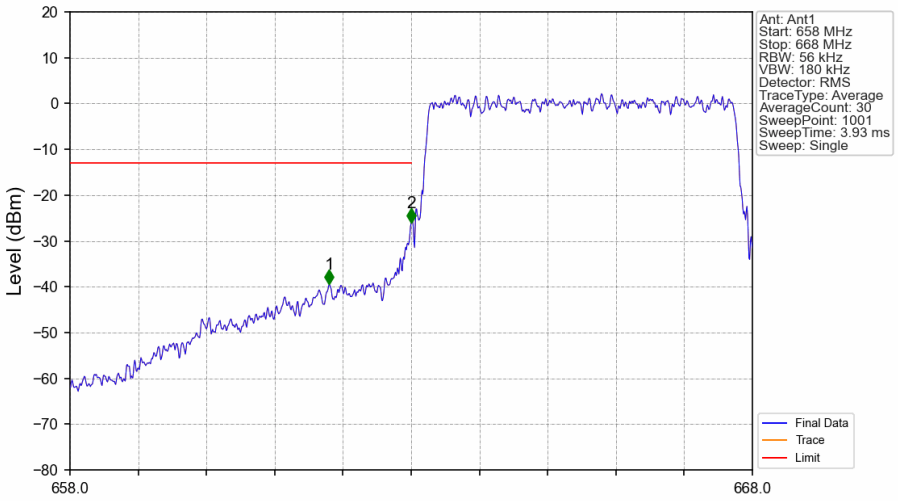


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.918	-62.36	-13	Pass
662	663	0.003	/	2	662.988	-28.15	-13	Pass
663	668	0.003	/	/	/	/	/	/

Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

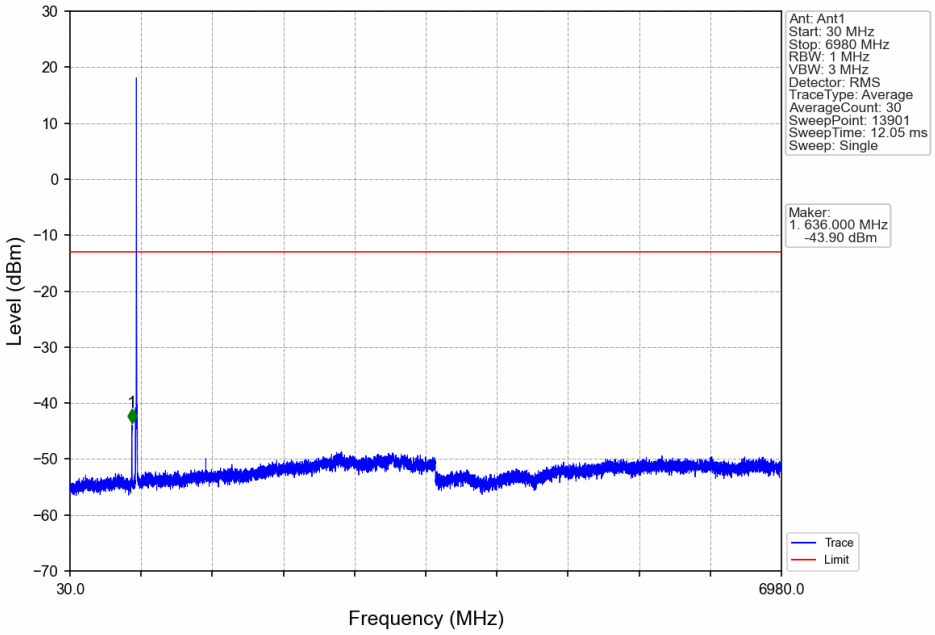


Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

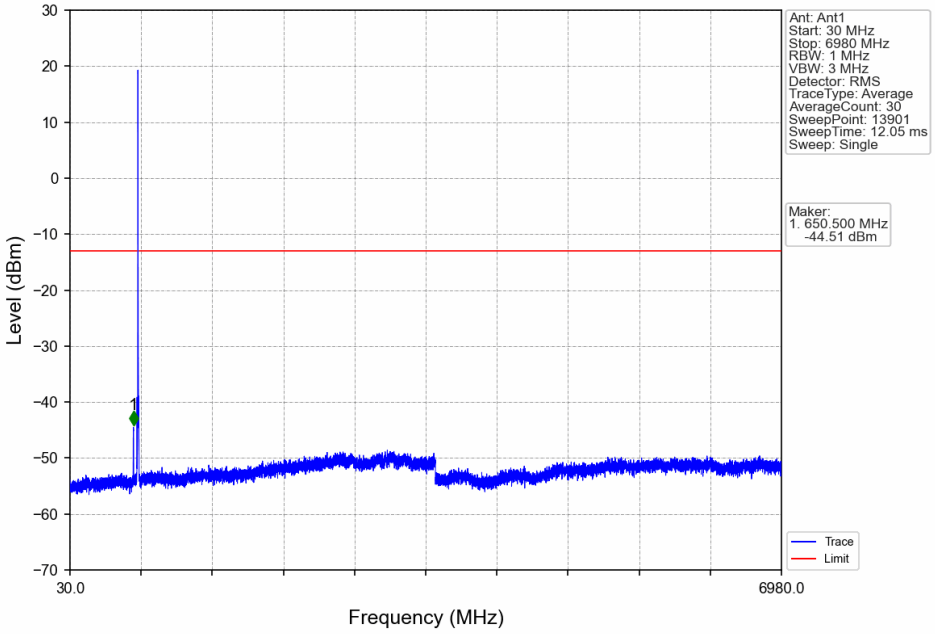


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	/	1	661.800	-39.47	-13	Pass
662	663	0.056	/	2	663.000	-26.01	-13	Pass
663	668	0.056	/	/	/	/	/	/

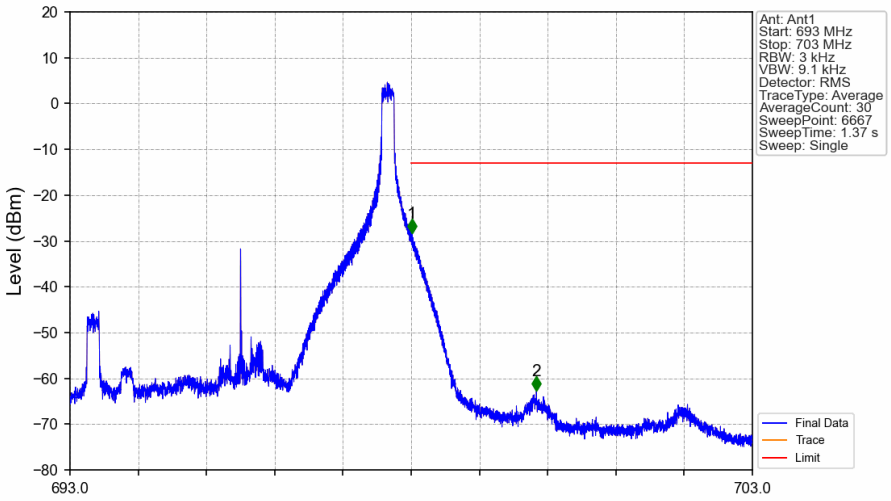
Band71_5MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_0_NTNV

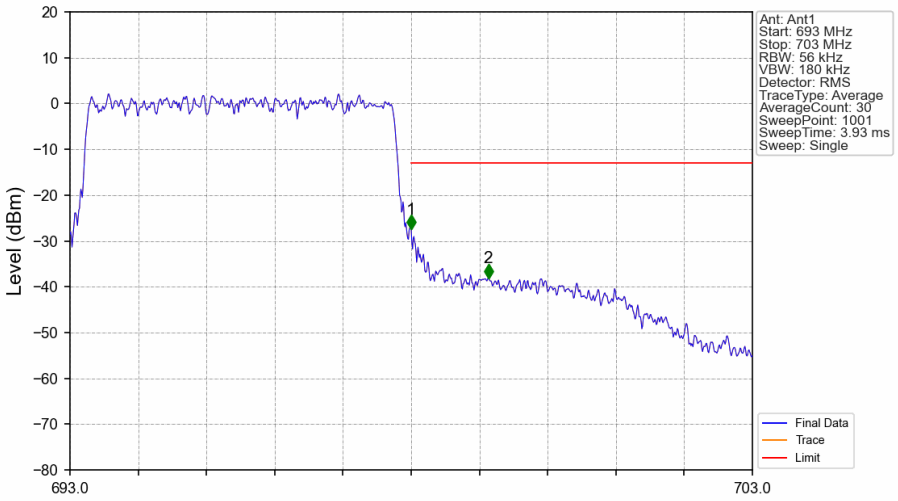


Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_24_NTNV



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	698.012	-28.33	-13	Pass
699	703	0.1	/	2	699.835	-62.79	-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	0.056	/	/	/	/	/	/
698	699	0.056	/	1	698.000	-27.40	-13	Pass
699	703	0.1	/	2	699.130	-38.14	-13	Pass

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