

1. Effective (Isotropic) Radiated Power Output Data

1.1 B71_5MHz_ERP

1.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	20.63	-4.22	14.26	<=34.77	Pass
			13	20.61	-4.22	14.24	<=34.77	Pass
			24	20.52	-4.22	14.15	<=34.77	Pass
		12	0	19.46	-4.22	13.09	<=34.77	Pass
			6	19.58	-4.22	13.21	<=34.77	Pass
			13	19.59	-4.22	13.22	<=34.77	Pass
		25	0	19.58	-4.22	13.21	<=34.77	Pass
	680.5	1	0	20.23	-4.22	13.86	<=34.77	Pass
			13	20.28	-4.22	13.91	<=34.77	Pass
			24	20.16	-4.22	13.79	<=34.77	Pass
		12	0	19.28	-4.22	12.91	<=34.77	Pass
			6	19.22	-4.22	12.85	<=34.77	Pass
			13	19.29	-4.22	12.92	<=34.77	Pass
	25	0	19.29	-4.22	12.92	<=34.77	Pass	
	695.5	1	0	20.04	-4.22	13.67	<=34.77	Pass
			13	20.17	-4.22	13.80	<=34.77	Pass
			24	20.21	-4.22	13.84	<=34.77	Pass
		12	0	19.11	-4.22	12.74	<=34.77	Pass
			6	19.16	-4.22	12.79	<=34.77	Pass
			13	19.22	-4.22	12.85	<=34.77	Pass
		25	0	19.21	-4.22	12.84	<=34.77	Pass
16QAM	665.5	1	0	19.67	-4.22	13.30	<=34.77	Pass
			13	19.67	-4.22	13.30	<=34.77	Pass
			24	19.58	-4.22	13.21	<=34.77	Pass
		12	0	18.53	-4.22	12.16	<=34.77	Pass
			6	18.65	-4.22	12.28	<=34.77	Pass
			13	18.67	-4.22	12.30	<=34.77	Pass
		25	0	18.59	-4.22	12.22	<=34.77	Pass
	680.5	1	0	19.14	-4.22	12.77	<=34.77	Pass
			13	19.18	-4.22	12.81	<=34.77	Pass
			24	19.05	-4.22	12.68	<=34.77	Pass
		12	0	18.19	-4.22	11.82	<=34.77	Pass
			6	18.26	-4.22	11.89	<=34.77	Pass
			13	18.30	-4.22	11.93	<=34.77	Pass
	25	0	18.31	-4.22	11.94	<=34.77	Pass	
	695.5	1	0	19.42	-4.22	13.05	<=34.77	Pass
			13	19.58	-4.22	13.21	<=34.77	Pass
			24	19.56	-4.22	13.19	<=34.77	Pass
		12	0	18.10	-4.22	11.73	<=34.77	Pass
			6	18.14	-4.22	11.77	<=34.77	Pass
			13	18.18	-4.22	11.81	<=34.77	Pass
		25	0	18.14	-4.22	11.77	<=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 / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	20.75	-4.22	14.38	<=34.77	Pass
			25	20.68	-4.22	14.31	<=34.77	Pass
			49	20.57	-4.22	14.20	<=34.77	Pass
		25	0	19.40	-4.22	13.03	<=34.77	Pass
			13	19.52	-4.22	13.15	<=34.77	Pass
			25	19.54	-4.22	13.17	<=34.77	Pass
		50	0	19.40	-4.22	13.03	<=34.77	Pass
	680.5	1	0	20.39	-4.22	14.02	<=34.77	Pass
			25	20.38	-4.22	14.01	<=34.77	Pass
			49	20.29	-4.22	13.92	<=34.77	Pass
		25	0	19.27	-4.22	12.90	<=34.77	Pass
			13	19.26	-4.22	12.89	<=34.77	Pass
			25	19.32	-4.22	12.95	<=34.77	Pass
		50	0	19.27	-4.22	12.90	<=34.77	Pass
	693	1	0	20.07	-4.22	13.70	<=34.77	Pass
			25	20.18	-4.22	13.81	<=34.77	Pass
			49	20.30	-4.22	13.93	<=34.77	Pass
		25	0	19.15	-4.22	12.78	<=34.77	Pass
			13	19.16	-4.22	12.79	<=34.77	Pass
			25	19.34	-4.22	12.97	<=34.77	Pass
		50	0	19.19	-4.22	12.82	<=34.77	Pass
16QAM	668	1	0	19.97	-4.22	13.60	<=34.77	Pass
			25	19.94	-4.22	13.57	<=34.77	Pass
			49	19.88	-4.22	13.51	<=34.77	Pass
		25	0	18.43	-4.22	12.06	<=34.77	Pass
			13	18.47	-4.22	12.10	<=34.77	Pass
			25	18.47	-4.22	12.10	<=34.77	Pass
		50	0	18.35	-4.22	11.98	<=34.77	Pass
	680.5	1	0	19.26	-4.22	12.89	<=34.77	Pass
			25	19.25	-4.22	12.88	<=34.77	Pass
			49	19.12	-4.22	12.75	<=34.77	Pass
		25	0	18.28	-4.22	11.91	<=34.77	Pass
			13	18.26	-4.22	11.89	<=34.77	Pass
			25	18.31	-4.22	11.94	<=34.77	Pass
		50	0	18.24	-4.22	11.87	<=34.77	Pass
	693	1	0	19.06	-4.22	12.69	<=34.77	Pass
			25	19.16	-4.22	12.79	<=34.77	Pass
			49	19.29	-4.22	12.92	<=34.77	Pass
		25	0	18.12	-4.22	11.75	<=34.77	Pass
			13	18.15	-4.22	11.78	<=34.77	Pass
			25	18.28	-4.22	11.91	<=34.77	Pass
		50	0	18.11	-4.22	11.74	<=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	20.64	-4.22	14.27	<=34.77	Pass
			38	20.58	-4.22	14.21	<=34.77	Pass
			74	20.37	-4.22	14.00	<=34.77	Pass
		36	0	19.41	-4.22	13.04	<=34.77	Pass
			18	19.56	-4.22	13.19	<=34.77	Pass
			39	19.49	-4.22	13.12	<=34.77	Pass
		75	0	19.48	-4.22	13.11	<=34.77	Pass
			0	20.41	-4.22	14.04	<=34.77	Pass
			38	20.35	-4.22	13.98	<=34.77	Pass
	680.5	1	74	20.17	-4.22	13.80	<=34.77	Pass
			0	19.29	-4.22	12.92	<=34.77	Pass
			18	19.30	-4.22	12.93	<=34.77	Pass
		36	39	19.23	-4.22	12.86	<=34.77	Pass
			0	19.30	-4.22	12.93	<=34.77	Pass
			0	20.08	-4.22	13.71	<=34.77	Pass
		1	38	20.14	-4.22	13.77	<=34.77	Pass
			74	20.21	-4.22	13.84	<=34.77	Pass
			0	19.21	-4.22	12.84	<=34.77	Pass
	690.5	36	18	19.18	-4.22	12.81	<=34.77	Pass
			39	19.25	-4.22	12.88	<=34.77	Pass
			0	19.27	-4.22	12.90	<=34.77	Pass
16QAM	670.5	1	0	19.54	-4.22	13.17	<=34.77	Pass
			38	19.48	-4.22	13.11	<=34.77	Pass
			74	19.32	-4.22	12.95	<=34.77	Pass
		36	0	18.38	-4.22	12.01	<=34.77	Pass
			18	18.54	-4.22	12.17	<=34.77	Pass
			39	18.44	-4.22	12.07	<=34.77	Pass
		75	0	18.40	-4.22	12.03	<=34.77	Pass
			0	19.27	-4.22	12.90	<=34.77	Pass
			38	19.19	-4.22	12.82	<=34.77	Pass
	680.5	1	74	19.04	-4.22	12.67	<=34.77	Pass
			0	18.28	-4.22	11.91	<=34.77	Pass
			18	18.26	-4.22	11.89	<=34.77	Pass
		36	39	18.19	-4.22	11.82	<=34.77	Pass
			0	18.24	-4.22	11.87	<=34.77	Pass
			0	19.06	-4.22	12.69	<=34.77	Pass
		1	38	19.14	-4.22	12.77	<=34.77	Pass
			74	19.24	-4.22	12.87	<=34.77	Pass
			0	18.18	-4.22	11.81	<=34.77	Pass
	690.5	36	18	18.12	-4.22	11.75	<=34.77	Pass
			39	18.23	-4.22	11.86	<=34.77	Pass
			0	18.22	-4.22	11.85	<=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 / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	20.42	-4.22	14.05	<=34.77	Pass
			50	20.61	-4.22	14.24	<=34.77	Pass

				99	20.10	-4.22	13.73	<=34.77	Pass
			50	0	19.40	-4.22	13.03	<=34.77	Pass
				25	19.44	-4.22	13.07	<=34.77	Pass
				50	19.50	-4.22	13.13	<=34.77	Pass
				100	0	19.47	-4.22	13.10	<=34.77
		683	1	0	20.19	-4.22	13.82	<=34.77	Pass
				50	20.27	-4.22	13.90	<=34.77	Pass
				99	19.96	-4.22	13.59	<=34.77	Pass
			50	0	19.12	-4.22	12.75	<=34.77	Pass
				25	19.15	-4.22	12.78	<=34.77	Pass
	50	19.07		-4.22	12.70	<=34.77	Pass		
	100	0	19.02	-4.22	12.65	<=34.77	Pass		
	688	1	0	20.05	-4.22	13.68	<=34.77	Pass	
			50	20.19	-4.22	13.82	<=34.77	Pass	
			99	20.15	-4.22	13.78	<=34.77	Pass	
		50	0	19.09	-4.22	12.72	<=34.77	Pass	
			25	19.19	-4.22	12.82	<=34.77	Pass	
			50	19.20	-4.22	12.83	<=34.77	Pass	
		100	0	19.10	-4.22	12.73	<=34.77	Pass	
		16QAM	673	1	0	19.71	-4.22	13.34	<=34.77
	50				19.96	-4.22	13.59	<=34.77	Pass
	99				19.43	-4.22	13.06	<=34.77	Pass
	50			0	18.34	-4.22	11.97	<=34.77	Pass
				25	18.39	-4.22	12.02	<=34.77	Pass
50				18.45	-4.22	12.08	<=34.77	Pass	
100	0			18.36	-4.22	11.99	<=34.77	Pass	
683	1		0	19.18	-4.22	12.81	<=34.77	Pass	
			50	19.30	-4.22	12.93	<=34.77	Pass	
			99	19.01	-4.22	12.64	<=34.77	Pass	
	50		0	18.06	-4.22	11.69	<=34.77	Pass	
			25	18.10	-4.22	11.73	<=34.77	Pass	
			50	18.01	-4.22	11.64	<=34.77	Pass	
	100		0	18.00	-4.22	11.63	<=34.77	Pass	
688	1	0	18.85	-4.22	12.48	<=34.77	Pass		
		50	19.00	-4.22	12.63	<=34.77	Pass		
		99	18.89	-4.22	12.52	<=34.77	Pass		
	50	0	18.00	-4.22	11.63	<=34.77	Pass		
		25	18.13	-4.22	11.76	<=34.77	Pass		
		50	18.11	-4.22	11.74	<=34.77	Pass		
	100	0	18.05	-4.22	11.68	<=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	-12.445	-0.0187	-2.5 to 2.5	Pass
					3.85	-12.803	-0.0192	-2.5 to 2.5	Pass
					4.43	-8.783	-0.0132	-2.5 to 2.5	Pass

16QAM				-30	3.85	51.899	0.0780	-2.5 to 2.5	Pass
				-20	3.85	-11.187	-0.0168	-2.5 to 2.5	Pass
				-10	3.85	-8.469	-0.0127	-2.5 to 2.5	Pass
				0	3.85	-7.153	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-9.441	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-7.181	-0.0108	-2.5 to 2.5	Pass
				40	3.85	-8.898	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0083	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-6.266	-0.0092	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0088	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-12.789	-0.0188	-2.5 to 2.5	Pass
				-20	3.85	-6.781	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-8.254	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-12.059	-0.0177	-2.5 to 2.5	Pass
				10	3.85	-10.371	-0.0152	-2.5 to 2.5	Pass
				30	3.85	-9.327	-0.0137	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-4.234	-0.0062	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-9.413	-0.0135	-2.5 to 2.5	Pass
					3.85	-7.467	-0.0107	-2.5 to 2.5	Pass
					4.43	-7.782	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-6.309	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-5.121	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0029	-2.5 to 2.5	Pass
	665.5	25	0	20	3.27	-1.745	-0.0026	-2.5 to 2.5	Pass
					3.85	-6.938	-0.0104	-2.5 to 2.5	Pass
					4.43	-2.589	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-6.065	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-13.990	-0.0210	-2.5 to 2.5	Pass
				0	3.85	-5.851	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-7.281	-0.0109	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-5.407	-0.0079	-2.5 to 2.5	Pass
					3.85	-9.785	-0.0144	-2.5 to 2.5	Pass
					4.43	-6.924	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-7.882	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-7.095	-0.0104	-2.5 to 2.5	Pass
				0	3.85	-6.924	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0123	-2.5 to 2.5	Pass
				30	3.85	-8.926	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-3.991	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-5.164	-0.0076	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-4.406	-0.0063	-2.5 to 2.5	Pass
					3.85	-5.794	-0.0083	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-6.638	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-8.669	-0.0125	-2.5 to 2.5	Pass

				-10	3.85	-9.813	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-5.894	-0.0085	-2.5 to 2.5	Pass
				30	3.85	-2.990	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-3.619	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-8.183	-0.0118	-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	-5.422	-0.0081	-2.5 to 2.5	Pass
					3.85	-6.666	-0.0100	-2.5 to 2.5	Pass
					4.43	-7.281	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-5.851	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-8.726	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-4.449	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-3.705	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-8.354	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-4.578	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-5.879	-0.0088	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-7.796	-0.0115	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0095	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-6.967	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-5.493	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-2.489	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-5.522	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-5.078	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-8.554	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-2.847	-0.0042	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-4.392	-0.0063	-2.5 to 2.5	Pass
					3.85	-7.496	-0.0108	-2.5 to 2.5	Pass
					4.43	-3.862	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-4.463	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-6.666	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-8.440	-0.0122	-2.5 to 2.5	Pass
				10	3.85	-6.709	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-6.795	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-11.244	-0.0162	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-6.652	-0.0100	-2.5 to 2.5	Pass
					3.85	-5.250	-0.0079	-2.5 to 2.5	Pass
					4.43	-5.379	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-5.851	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-6.866	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-4.578	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-4.778	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-7.896	-0.0118	-2.5 to 2.5	Pass

	680.5	50	0	30	3.85	-2.103	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-7.124	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0070	-2.5 to 2.5	Pass
				20	3.27	-3.119	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.509	-0.0096	-2.5 to 2.5	Pass
					4.43	-7.997	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-8.798	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-6.480	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-9.284	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-6.566	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-10.228	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-4.778	-0.0070	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-8.440	-0.0122	-2.5 to 2.5	Pass
					3.85	-10.057	-0.0145	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-5.364	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-8.998	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-9.112	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-5.679	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-3.304	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.435	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-7.052	-0.0102	-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	-7.095	-0.0106	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0100	-2.5 to 2.5	Pass
					4.43	-7.210	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-6.766	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-7.296	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-5.393	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-6.952	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-5.836	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-5.980	-0.0089	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-3.376	-0.0050	-2.5 to 2.5	Pass
					3.85	-5.050	-0.0074	-2.5 to 2.5	Pass
					4.43	-2.232	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-5.965	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-6.108	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-11.430	-0.0168	-2.5 to 2.5	Pass
				10	3.85	-5.908	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-6.866	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-5.150	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-5.951	-0.0087	-2.5 to 2.5	Pass

	690.5	75	0	20	3.27	-4.334	-0.0063	-2.5 to 2.5	Pass
					3.85	-4.678	-0.0068	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-6.166	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-5.851	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-6.495	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-5.021	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-4.334	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-5.436	-0.0079	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-7.668	-0.0114	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0104	-2.5 to 2.5	Pass
					4.43	-2.661	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-6.294	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-3.805	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	-6.166	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-7.024	-0.0105	-2.5 to 2.5	Pass
				10	3.85	-11.373	-0.0170	-2.5 to 2.5	Pass
				30	3.85	-4.921	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-7.482	-0.0112	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-5.450	-0.0080	-2.5 to 2.5	Pass
					3.85	-4.907	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.635	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-7.553	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-6.309	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-9.112	-0.0134	-2.5 to 2.5	Pass
				0	3.85	-6.967	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-8.526	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-9.055	-0.0133	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-8.111	-0.0117	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0097	-2.5 to 2.5	Pass
					4.43	-8.769	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-9.713	-0.0141	-2.5 to 2.5	Pass
				-20	3.85	-8.984	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-8.111	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-6.909	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-9.170	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-2.646	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0034	-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	-3.734	-0.0055	-2.5 to 2.5	Pass
					3.85	-7.024	-0.0104	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0081	-2.5 to 2.5	Pass

				-30	3.85	-5.779	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-7.010	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-7.038	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-7.682	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-5.951	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-5.250	-0.0078	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-5.493	-0.0080	-2.5 to 2.5	Pass
					3.85	-5.679	-0.0083	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-9.785	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-10.800	-0.0158	-2.5 to 2.5	Pass
				-10	3.85	-5.651	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-6.366	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-8.354	-0.0122	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-6.480	-0.0094	-2.5 to 2.5	Pass
					3.85	-8.783	-0.0128	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-10.400	-0.0151	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-4.220	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0080	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-8.883	-0.0132	-2.5 to 2.5	Pass
					3.85	-9.356	-0.0139	-2.5 to 2.5	Pass
					4.43	-6.967	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-7.482	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-10.571	-0.0157	-2.5 to 2.5	Pass
				-10	3.85	-5.751	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0093	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-2.761	-0.0040	-2.5 to 2.5	Pass
					3.85	-9.155	-0.0134	-2.5 to 2.5	Pass
					4.43	-8.268	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-5.136	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-7.825	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-5.722	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-6.223	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-8.612	-0.0126	-2.5 to 2.5	Pass
				40	3.85	-5.665	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-4.563	-0.0067	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-7.982	-0.0116	-2.5 to 2.5	Pass
					3.85	-7.610	-0.0111	-2.5 to 2.5	Pass
					4.43	-6.723	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-8.354	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0097	-2.5 to 2.5	Pass

				-10	3.85	-5.393	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-7.339	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-5.736	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-8.969	-0.0130	-2.5 to 2.5	Pass

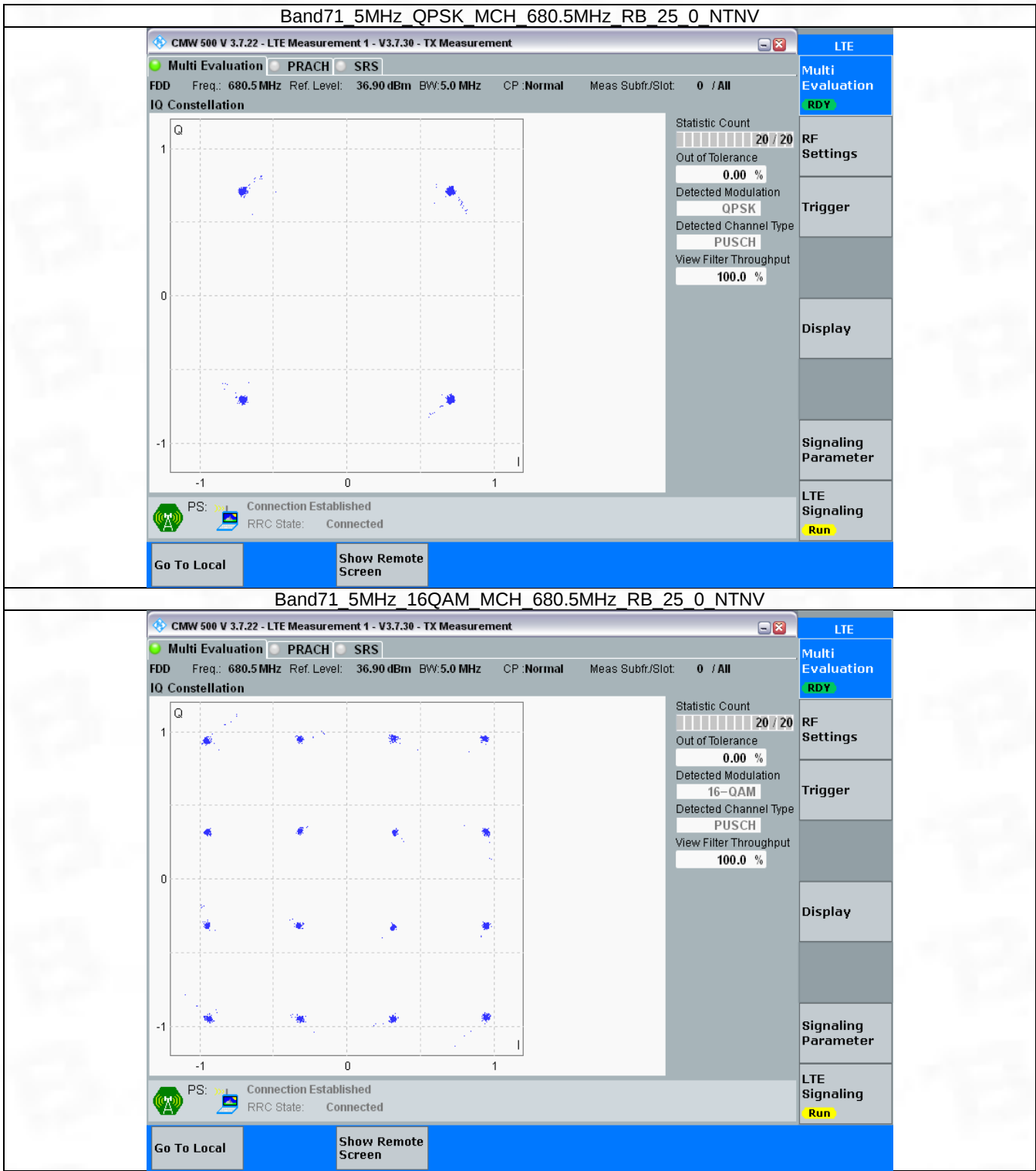
3. Modulation Characteristics

3.1 B71_5MHz

3.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV						
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

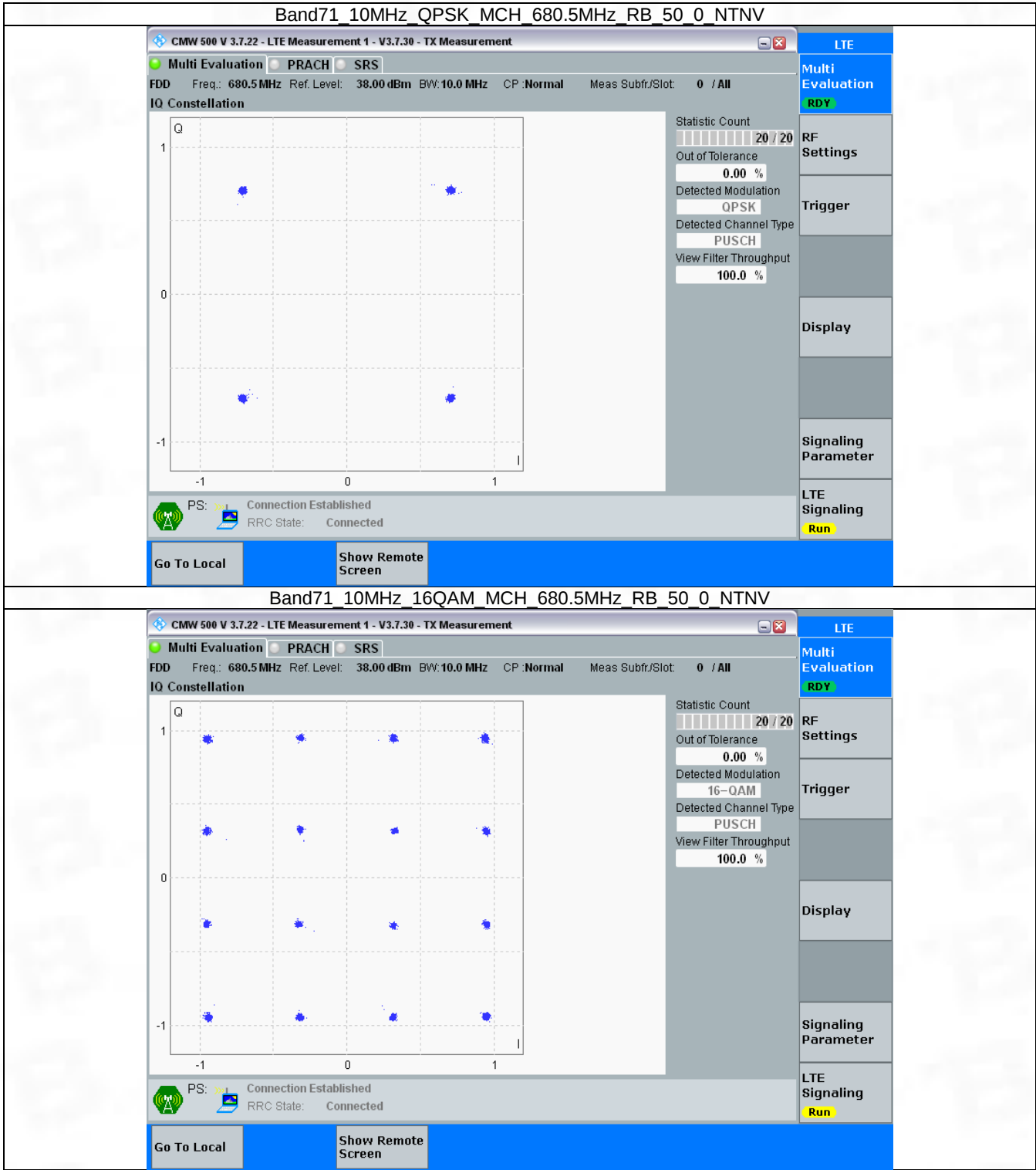


3.2 B71_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph

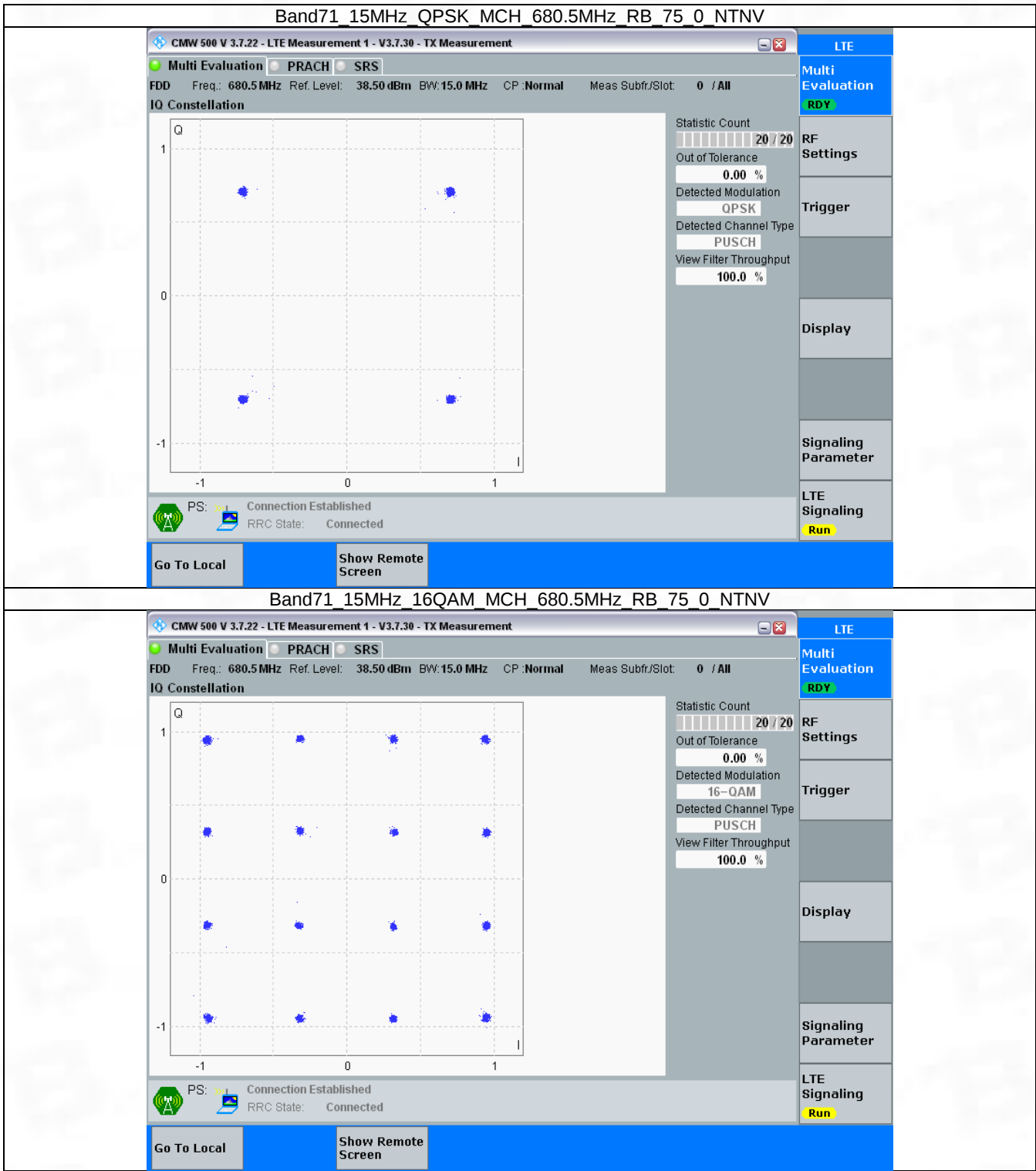


3.3 B71_15MHz

3.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTV						
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

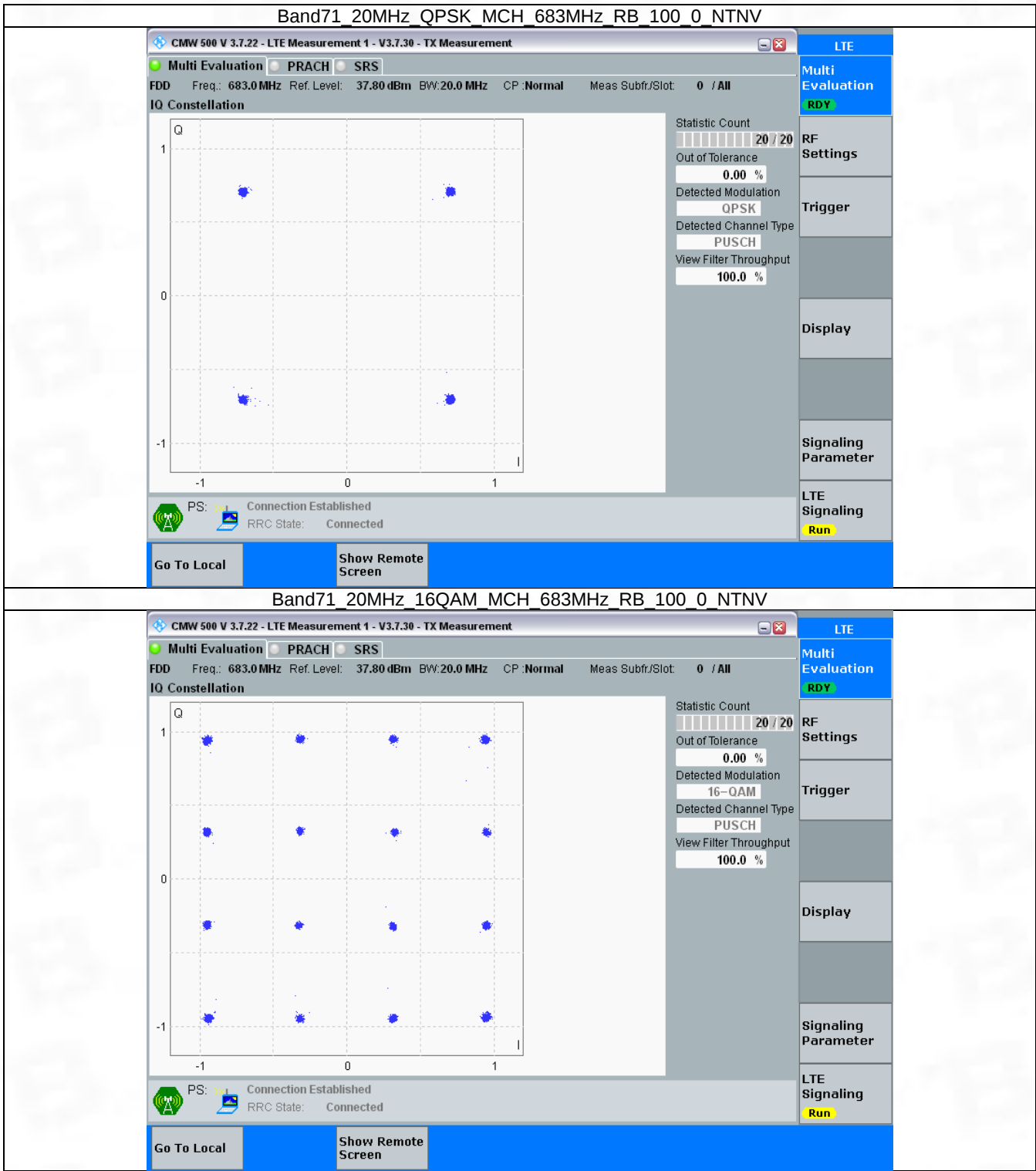


3.4 B71_20MHz

3.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTV						
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



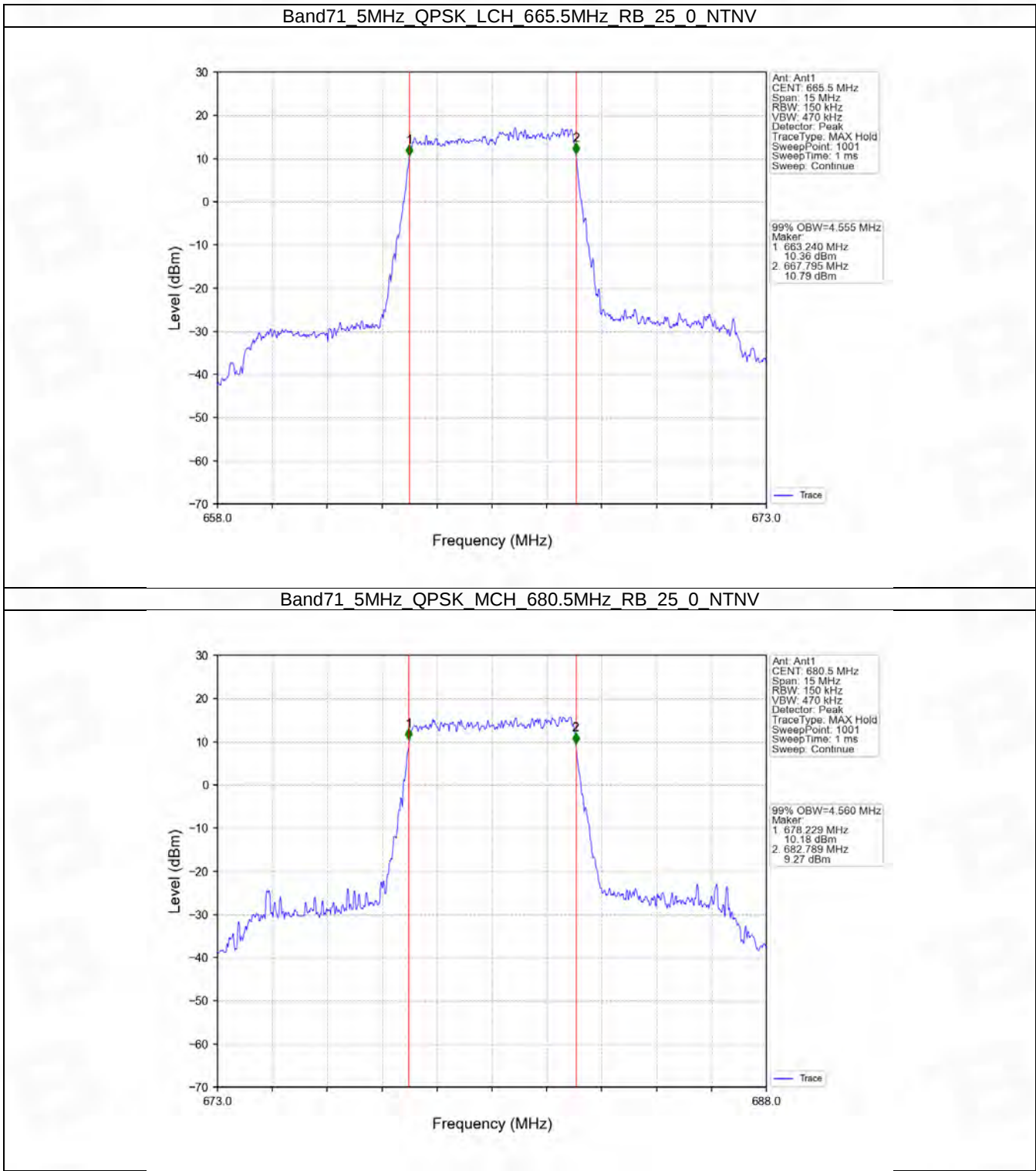
4. 99% & 26dB Bandwidth

4.1 Band71_OBW

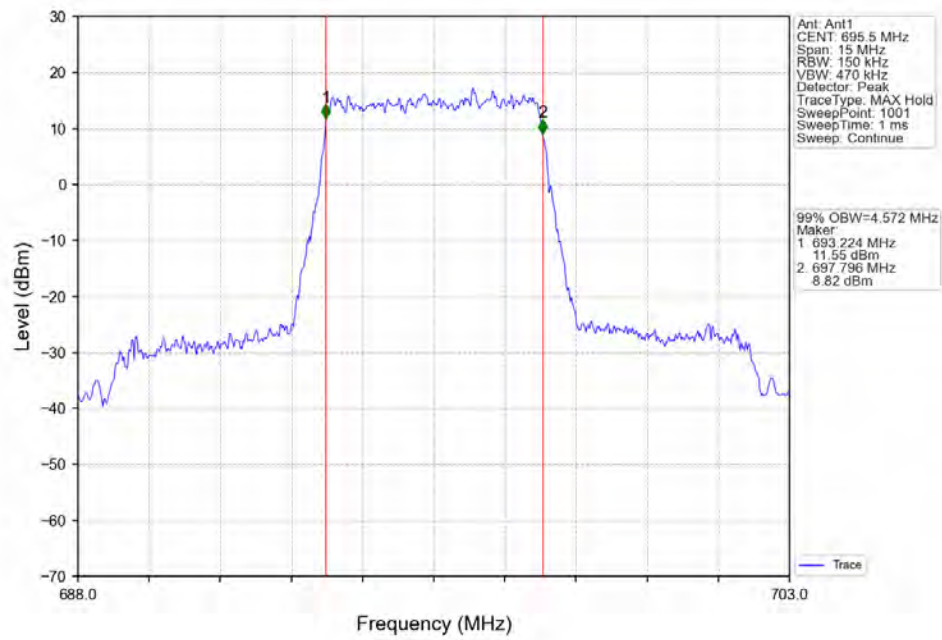
4.1.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.555	/	Pass
		680.5	25	0	4.560	/	Pass
		695.5	25	0	4.572	/	Pass
	16QAM	665.5	25	0	4.570	/	Pass
		680.5	25	0	4.592	/	Pass
		695.5	25	0	4.551	/	Pass
10	QPSK	668	50	0	9.056	/	Pass
		680.5	50	0	9.092	/	Pass
		693	50	0	9.137	/	Pass
	16QAM	668	50	0	9.048	/	Pass
		680.5	50	0	9.098	/	Pass
		693	50	0	9.123	/	Pass
15	QPSK	670.5	75	0	13.547	/	Pass
		680.5	75	0	13.679	/	Pass
		690.5	75	0	13.741	/	Pass
	16QAM	670.5	75	0	13.568	/	Pass
		680.5	75	0	13.676	/	Pass
		690.5	75	0	13.686	/	Pass
20	QPSK	673	100	0	18.144	/	Pass
		683	100	0	18.171	/	Pass
		688	100	0	18.137	/	Pass
	16QAM	673	100	0	18.124	/	Pass
		683	100	0	18.124	/	Pass
		688	100	0	18.141	/	Pass

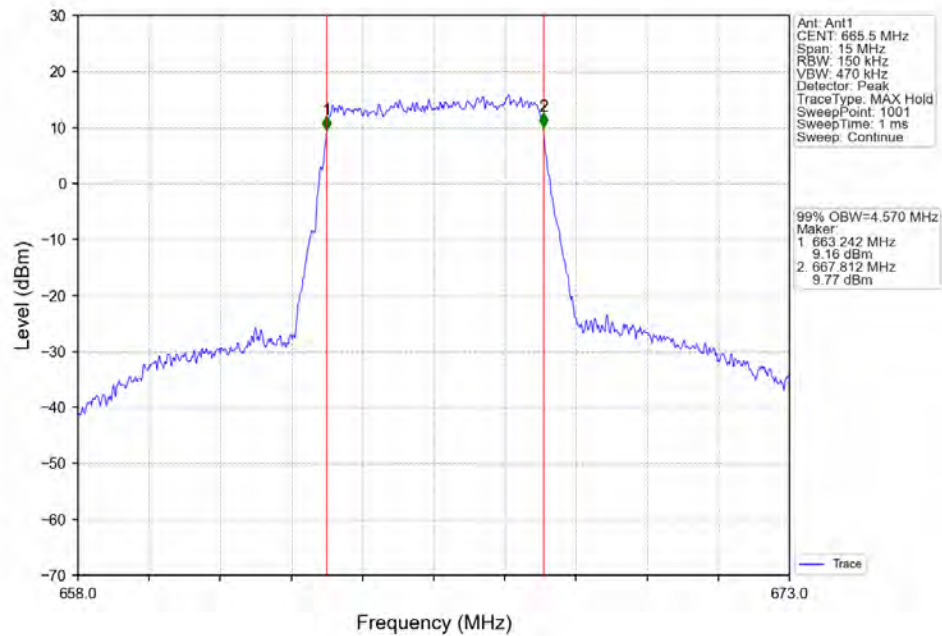
4.1.2 Test Graph



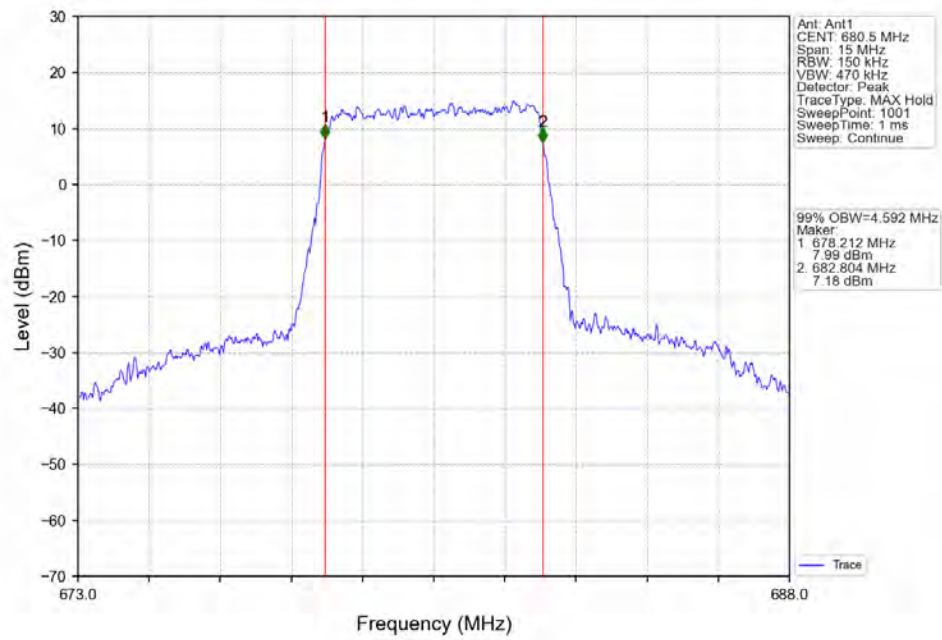
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



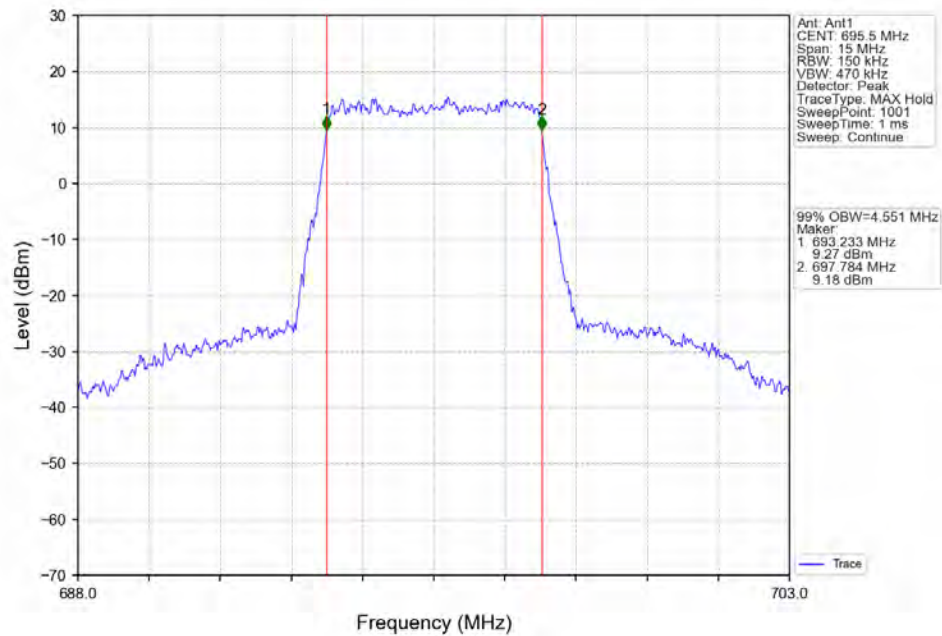
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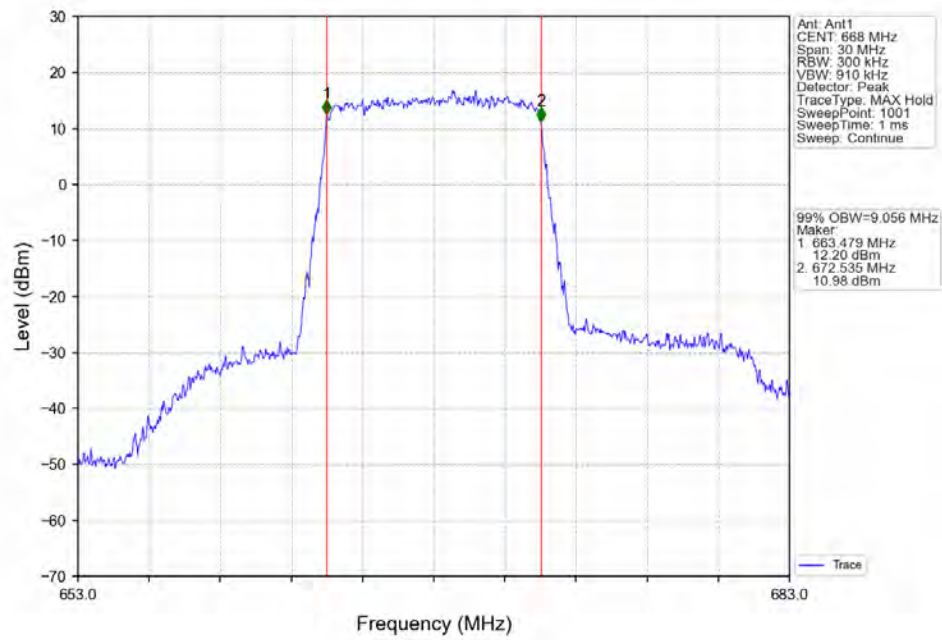
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



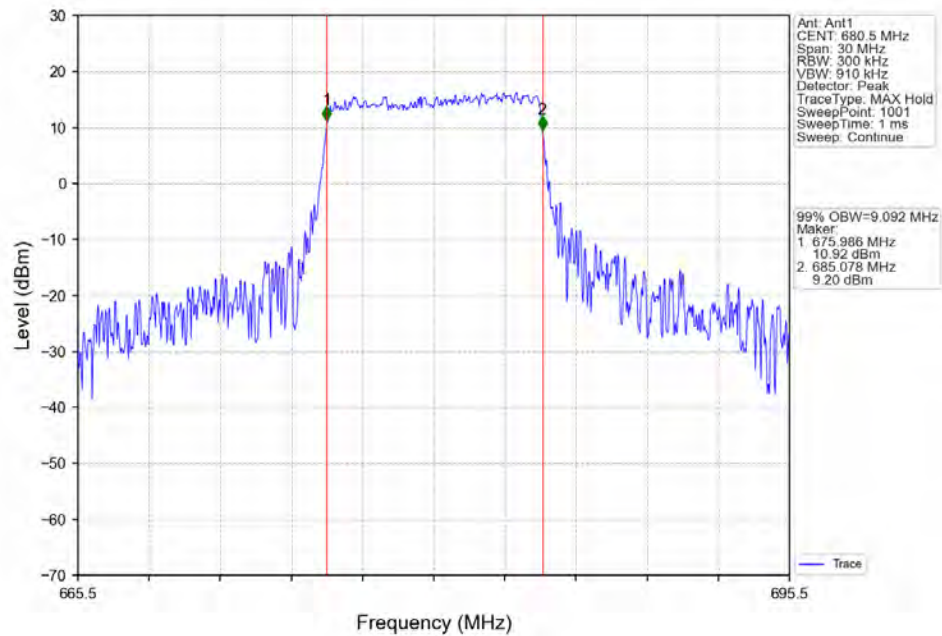
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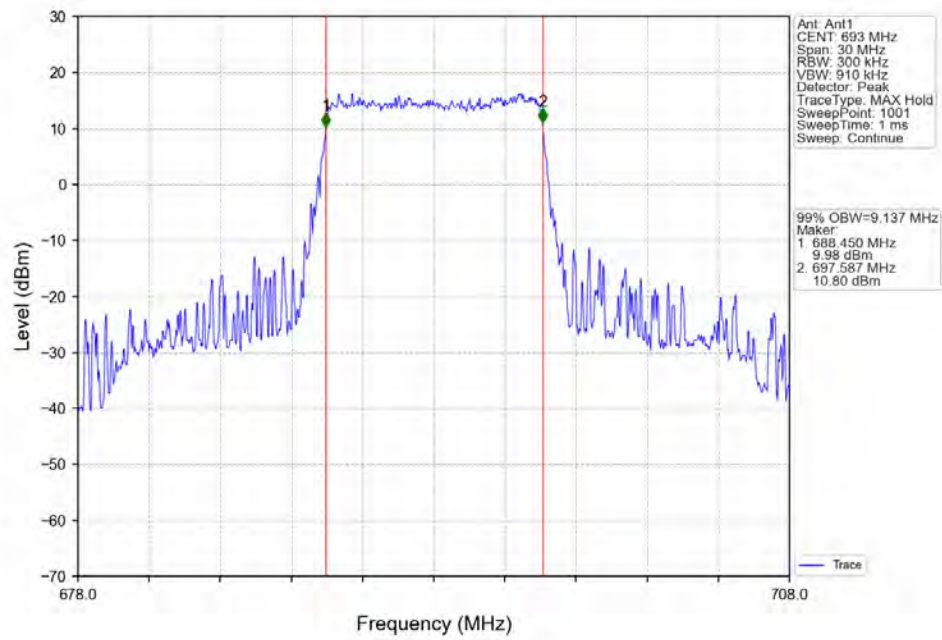
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTN



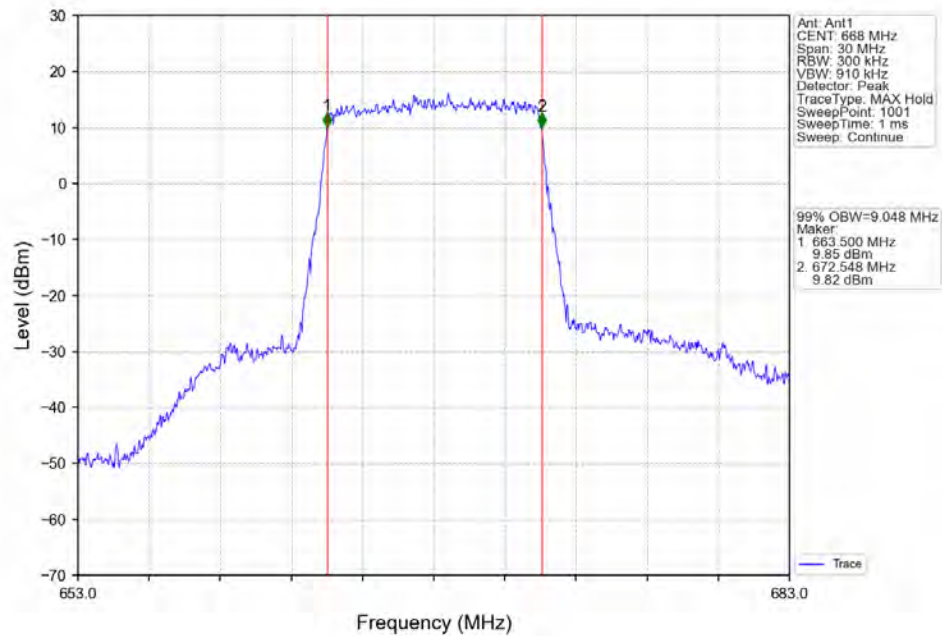
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTN



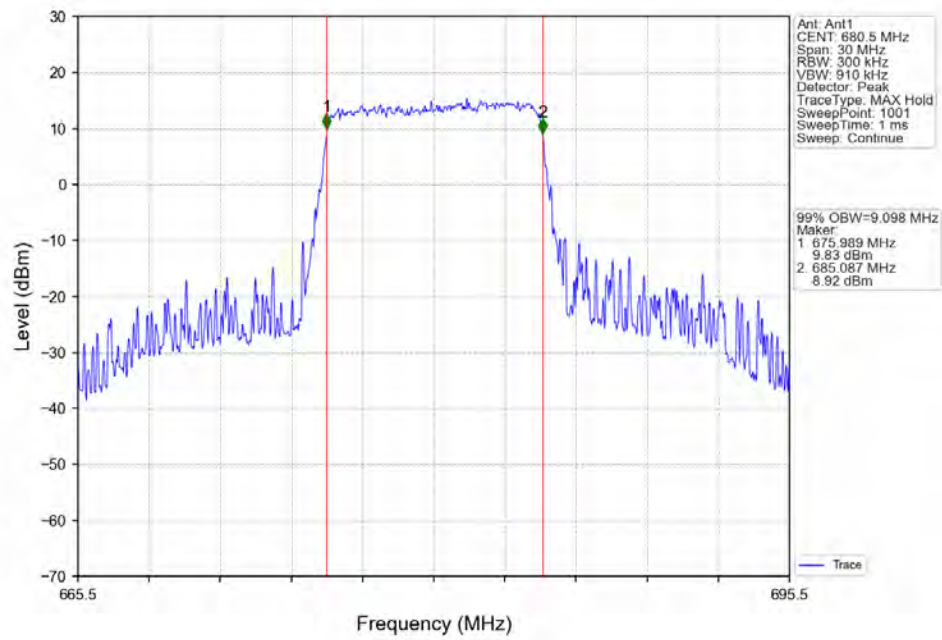
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



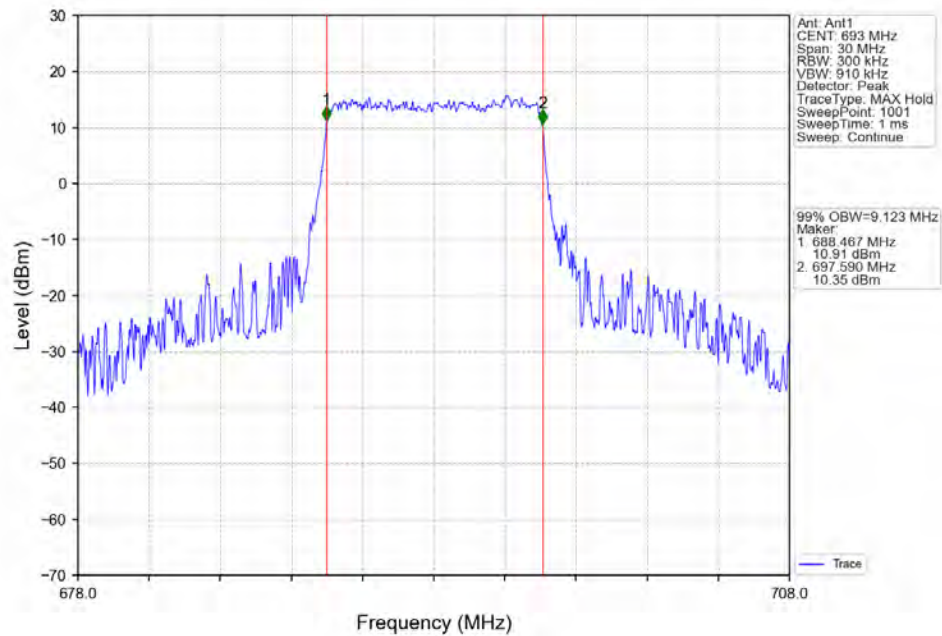
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTN



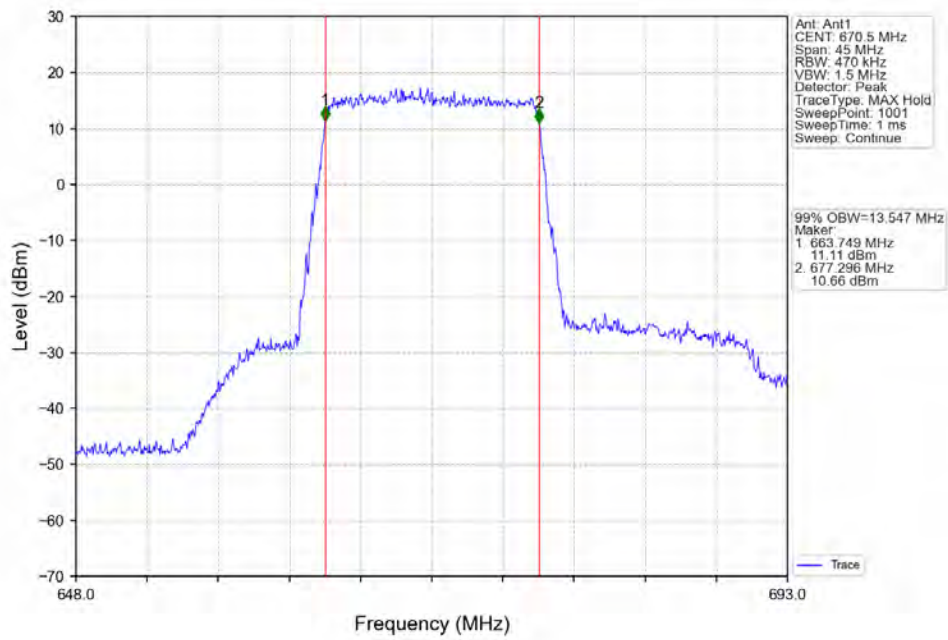
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTN



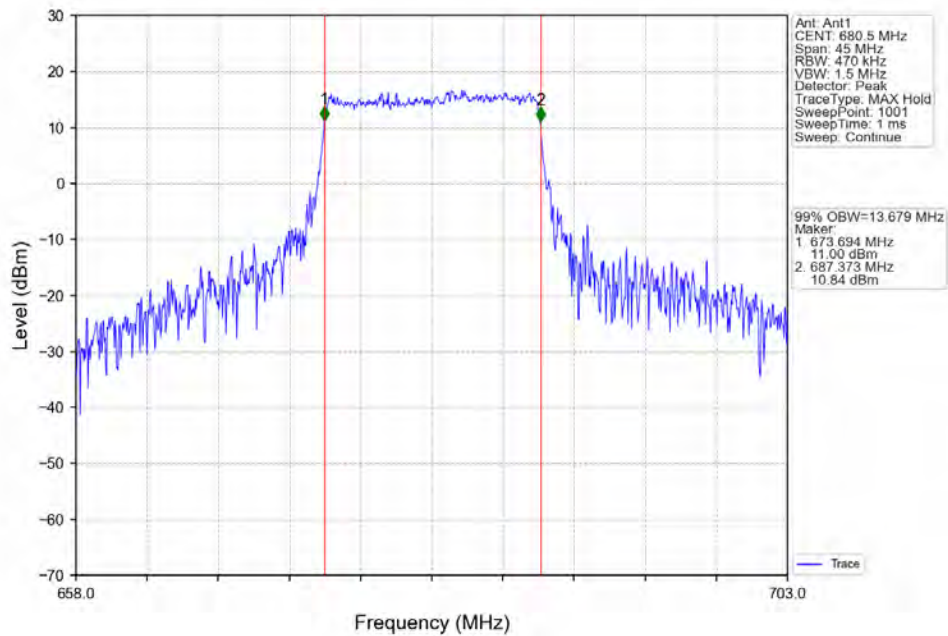
Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTN



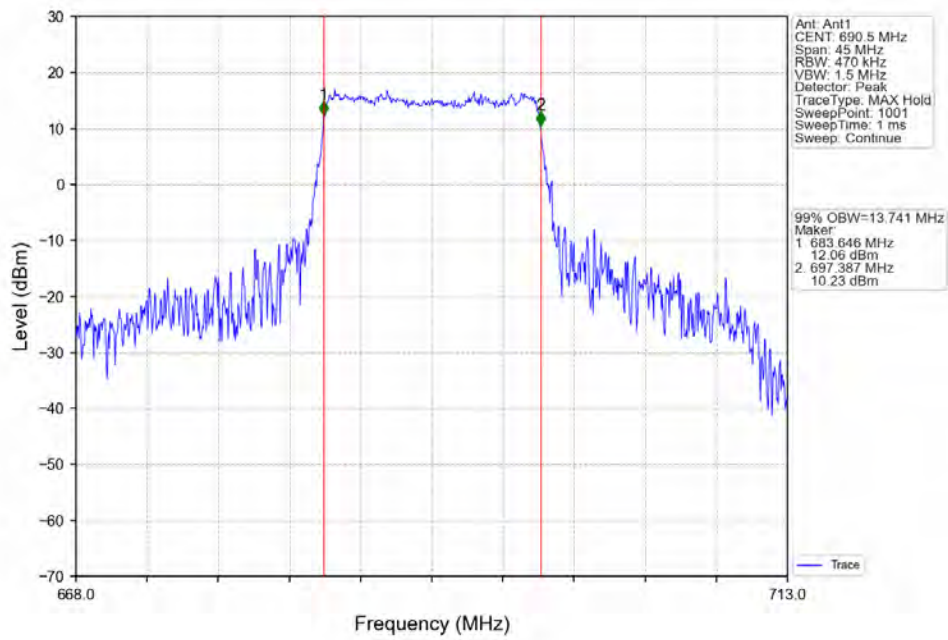
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTV



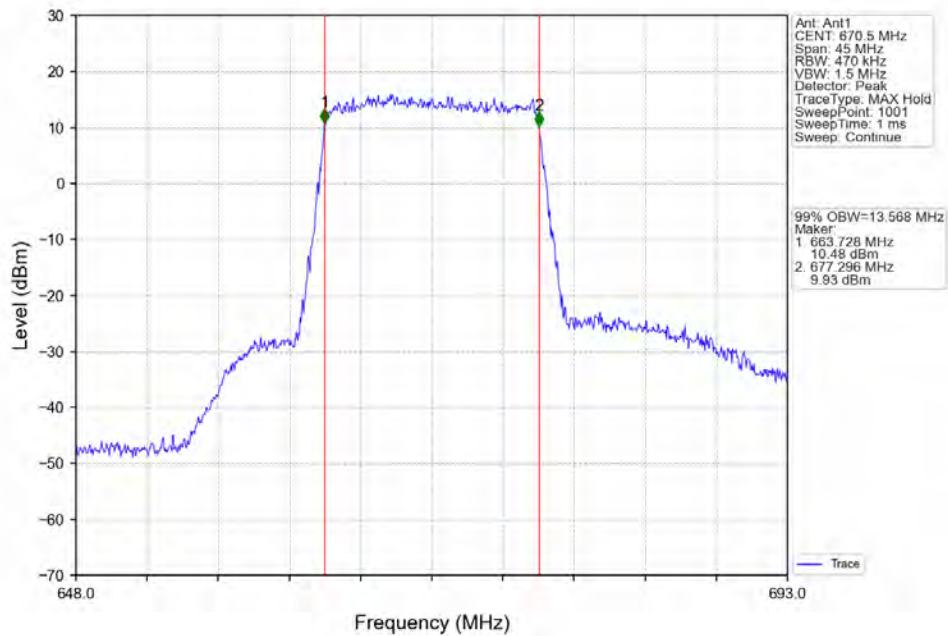
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTV



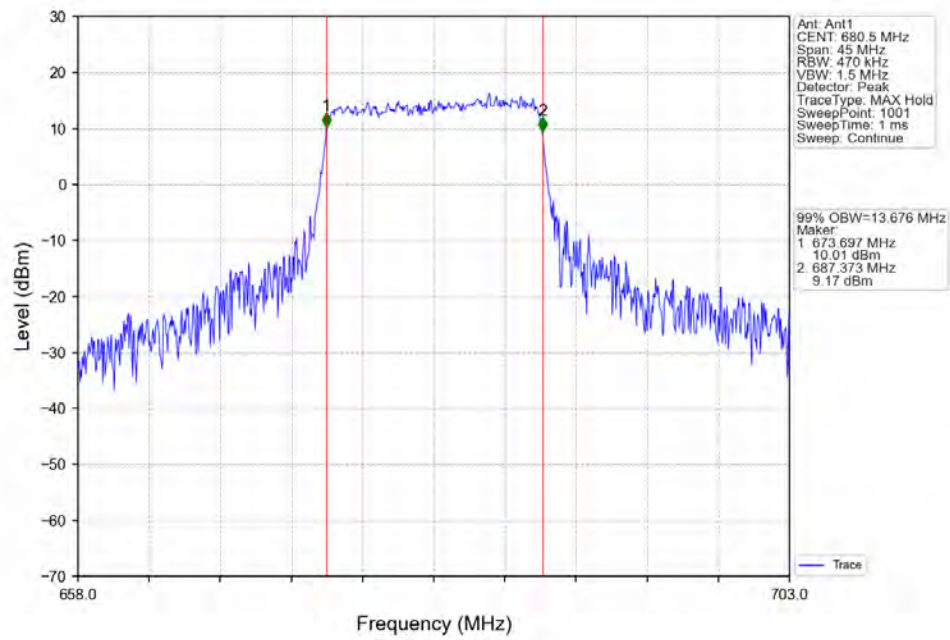
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



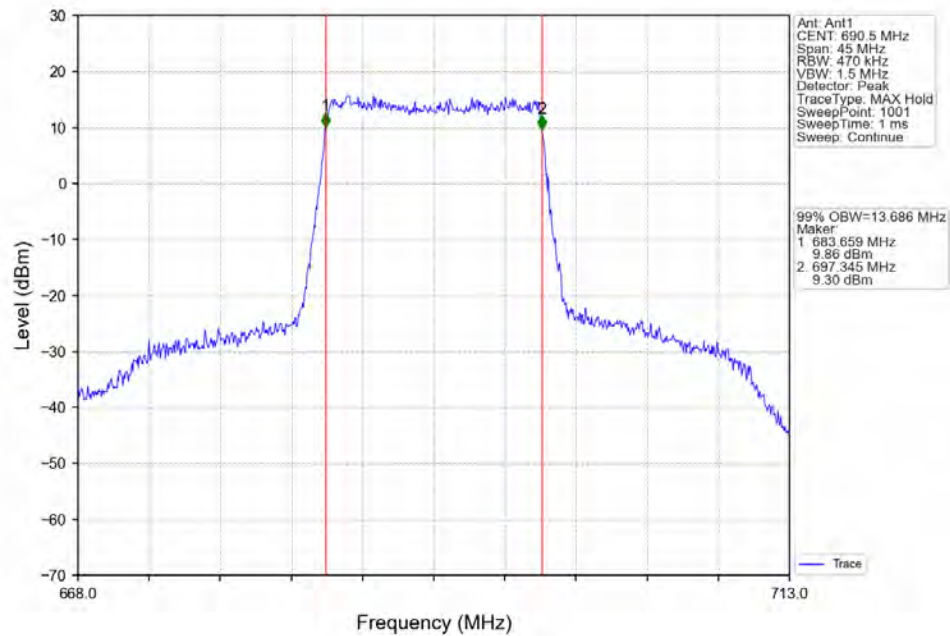
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



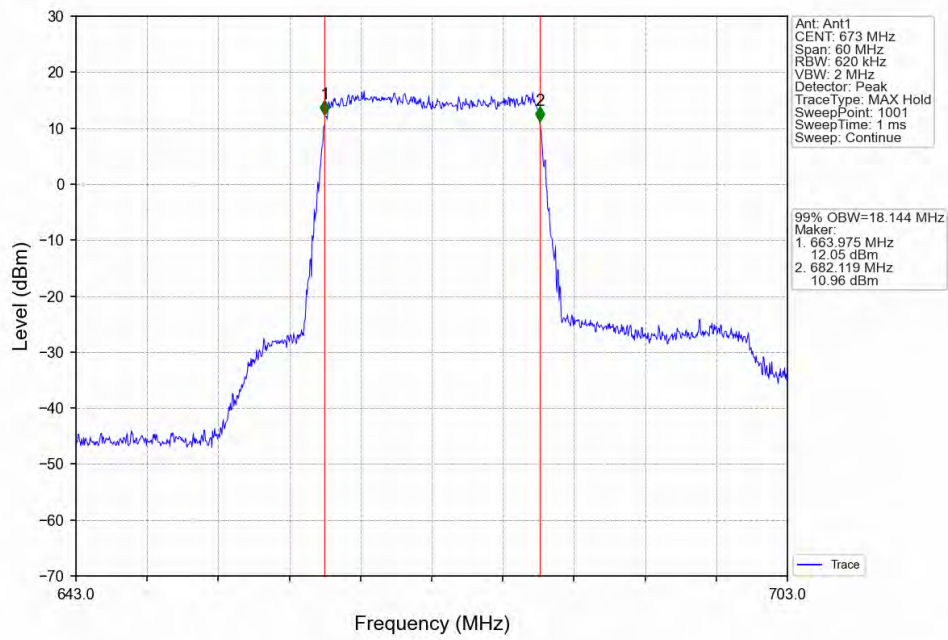
Band71 15MHz 16QAM MCH 680.5MHz RB 75.0 NTNV



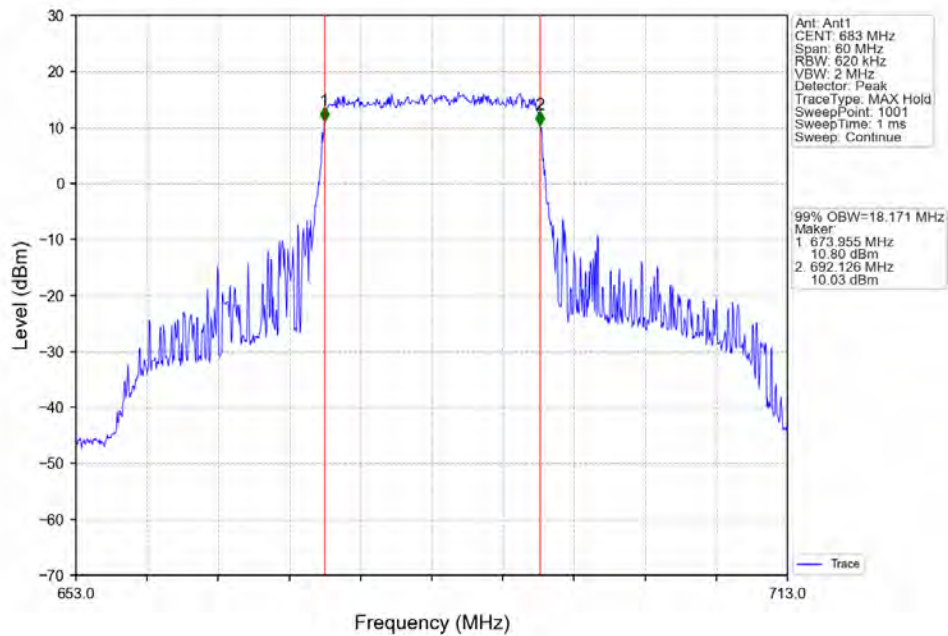
Band71 15MHz 16QAM HCH 690.5MHz RB 75.0 NTNV



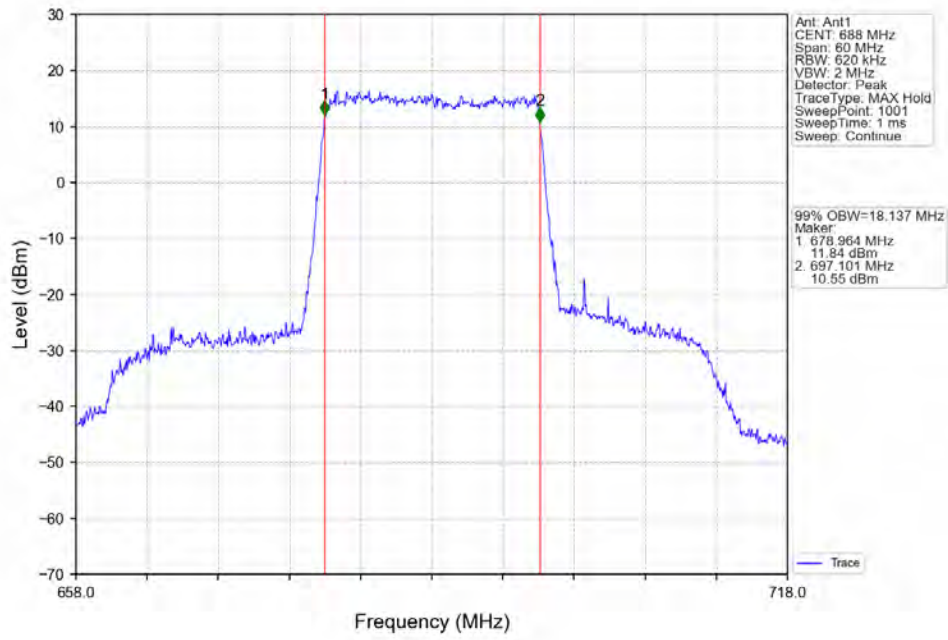
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



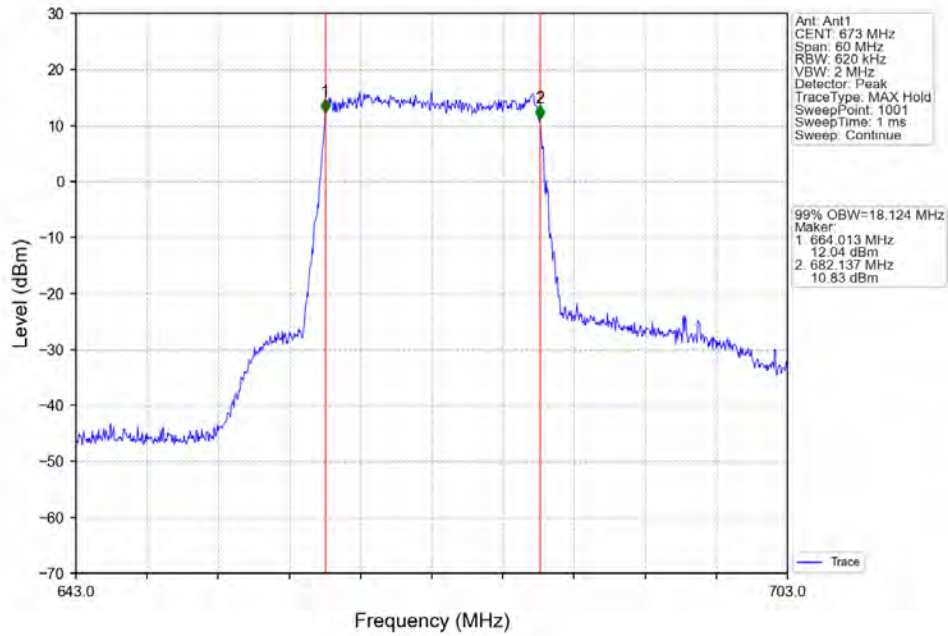
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



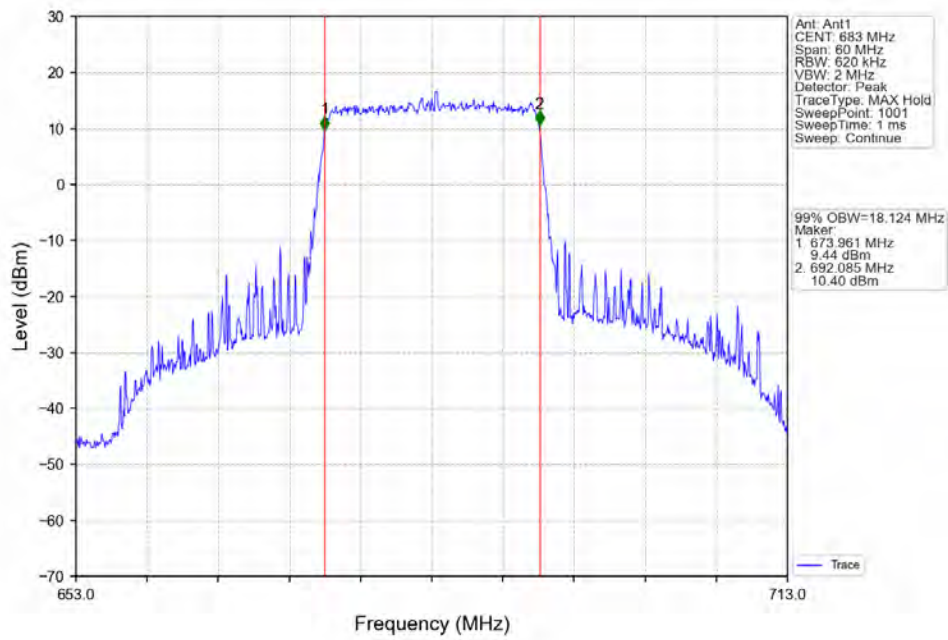
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



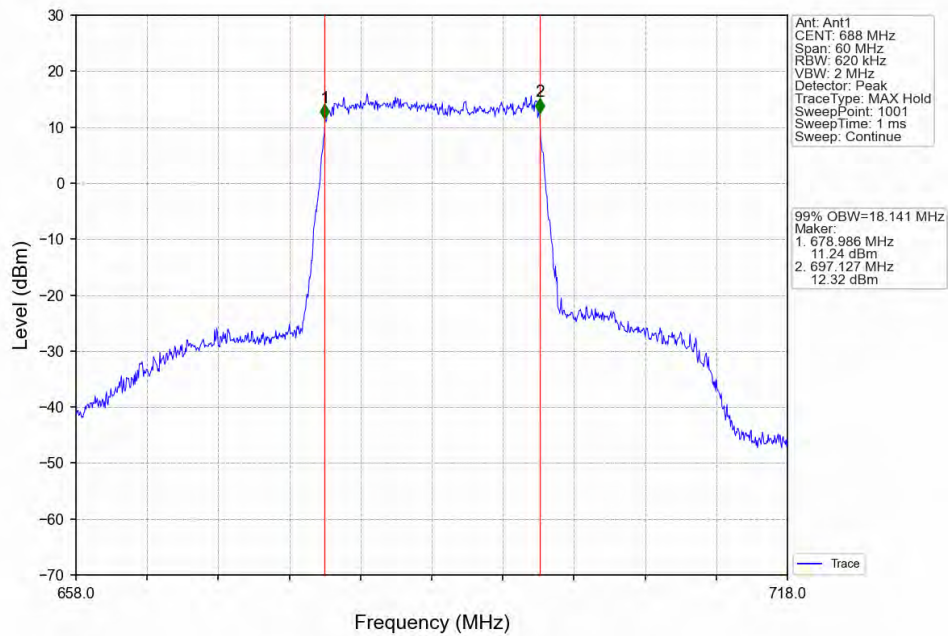
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV

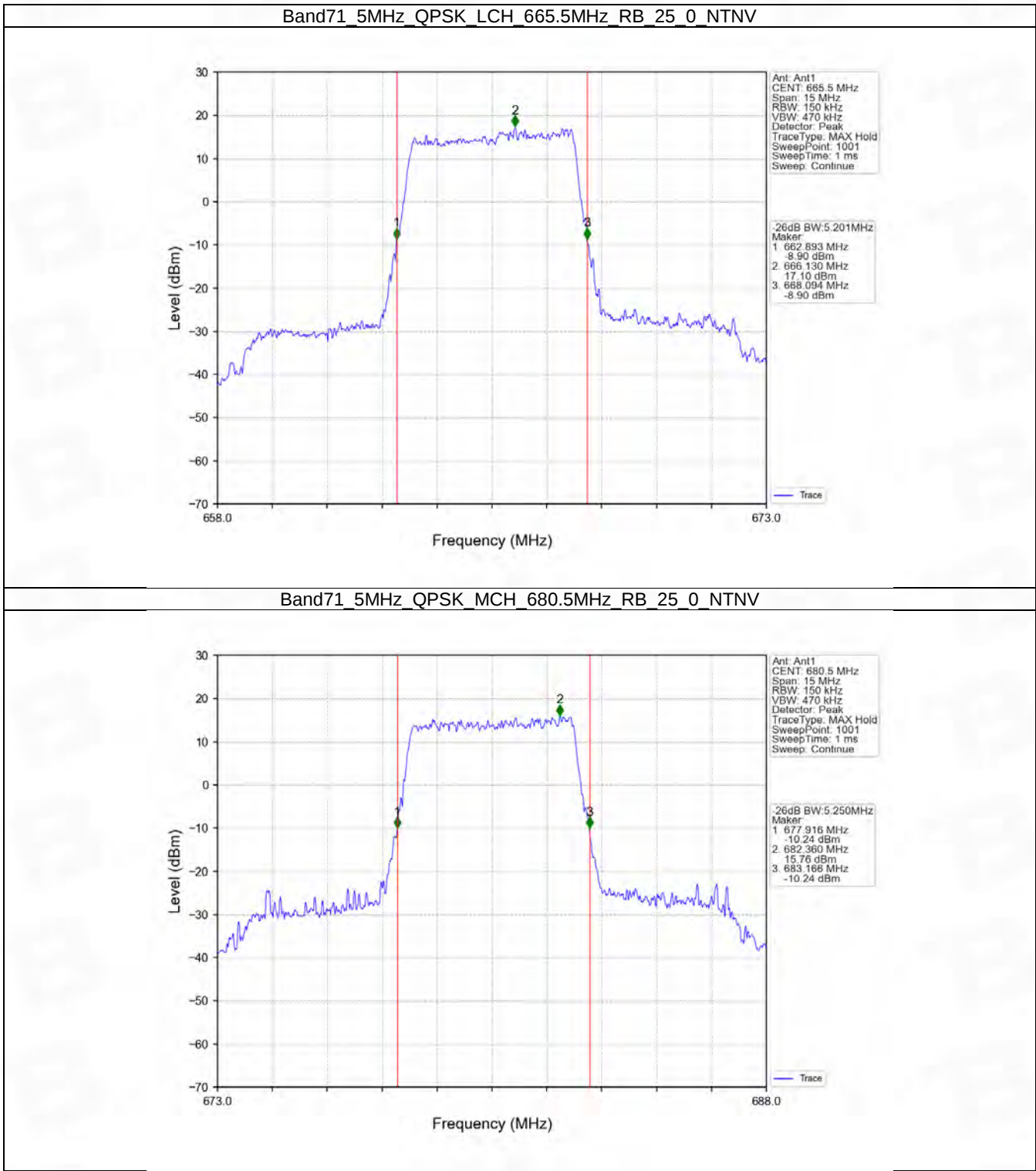


4.2 Band71_XDB

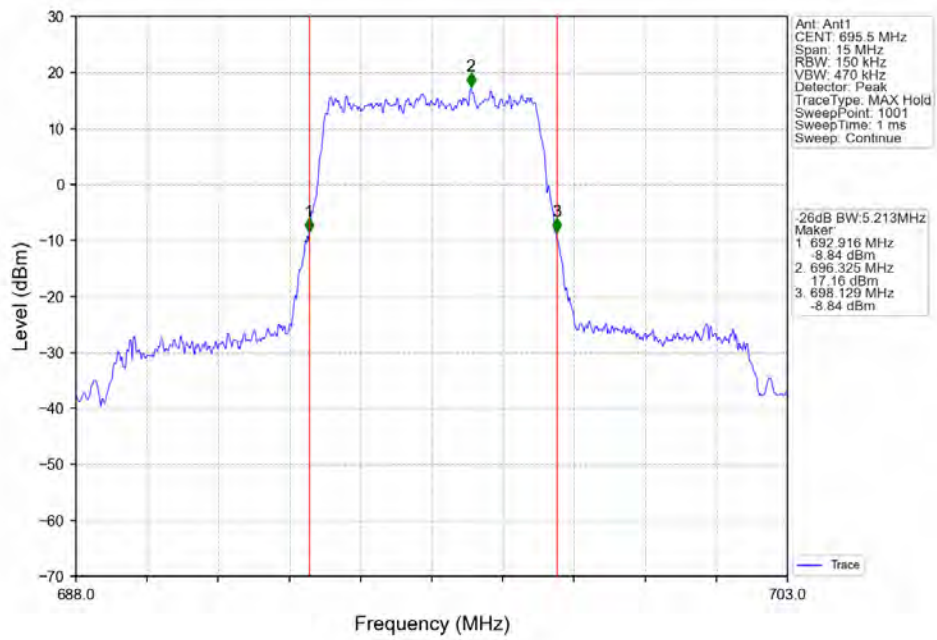
4.2.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.201	/	Pass
		680.5	25	0	5.250	/	Pass
		695.5	25	0	5.213	/	Pass
	16QAM	665.5	25	0	5.286	/	Pass
		680.5	25	0	5.253	/	Pass
		695.5	25	0	5.301	/	Pass
10	QPSK	668	50	0	10.212	/	Pass
		680.5	50	0	11.664	/	Pass
		693	50	0	10.394	/	Pass
	16QAM	668	50	0	10.231	/	Pass
		680.5	50	0	11.677	/	Pass
		693	50	0	10.864	/	Pass
15	QPSK	670.5	75	0	15.309	/	Pass
		680.5	75	0	18.959	/	Pass
		690.5	75	0	18.250	/	Pass
	16QAM	670.5	75	0	15.264	/	Pass
		680.5	75	0	18.516	/	Pass
		690.5	75	0	15.395	/	Pass
20	QPSK	673	100	0	20.140	/	Pass
		683	100	0	25.323	/	Pass
		688	100	0	19.890	/	Pass
	16QAM	673	100	0	20.032	/	Pass
		683	100	0	20.237	/	Pass
		688	100	0	20.079	/	Pass

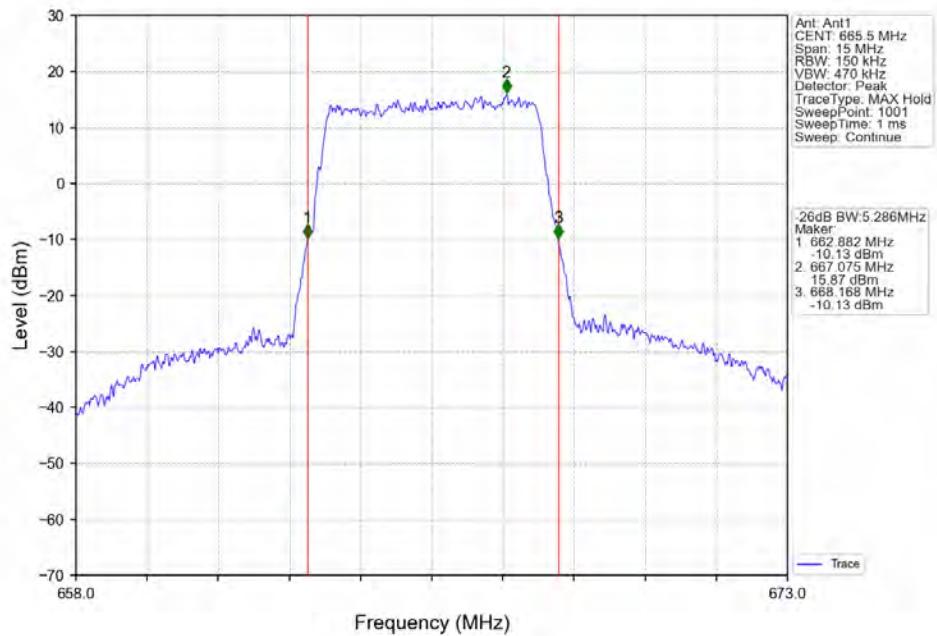
4.2.2 Test Graph



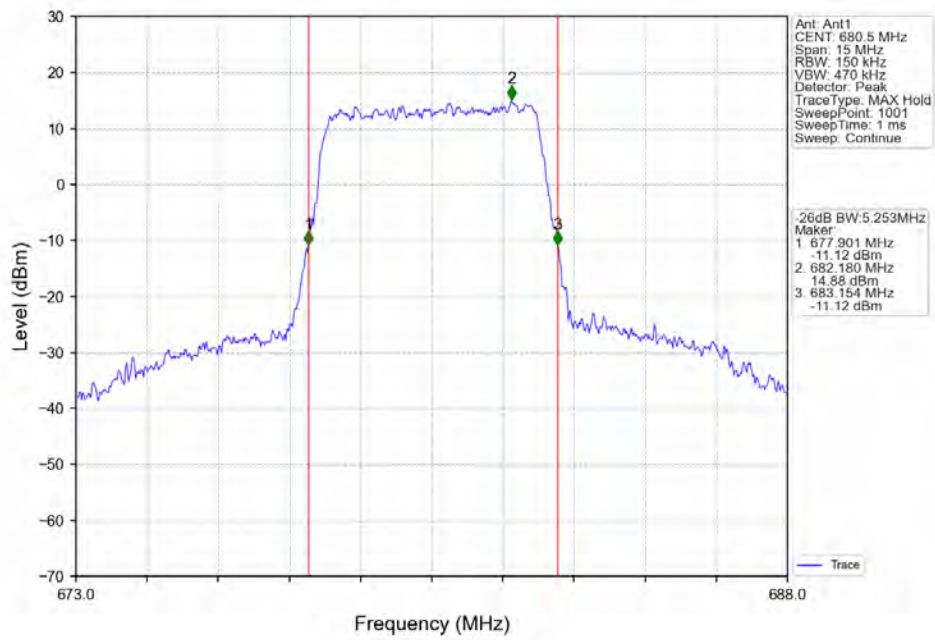
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



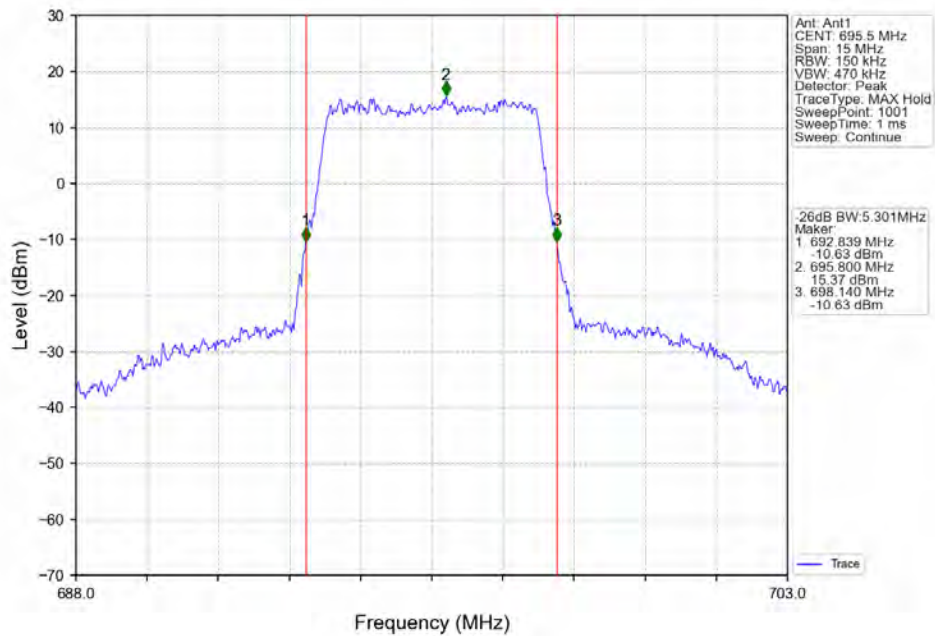
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



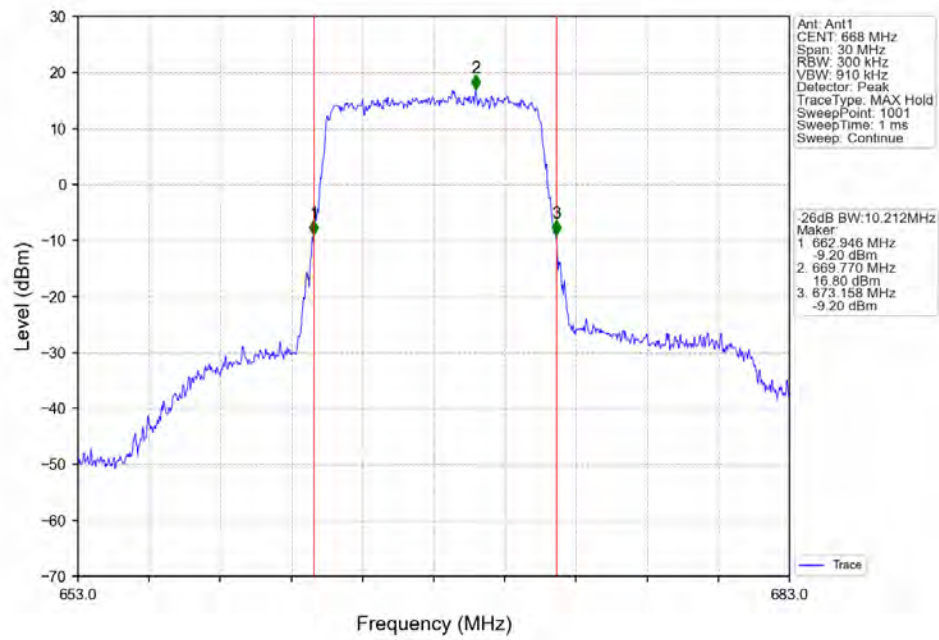
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



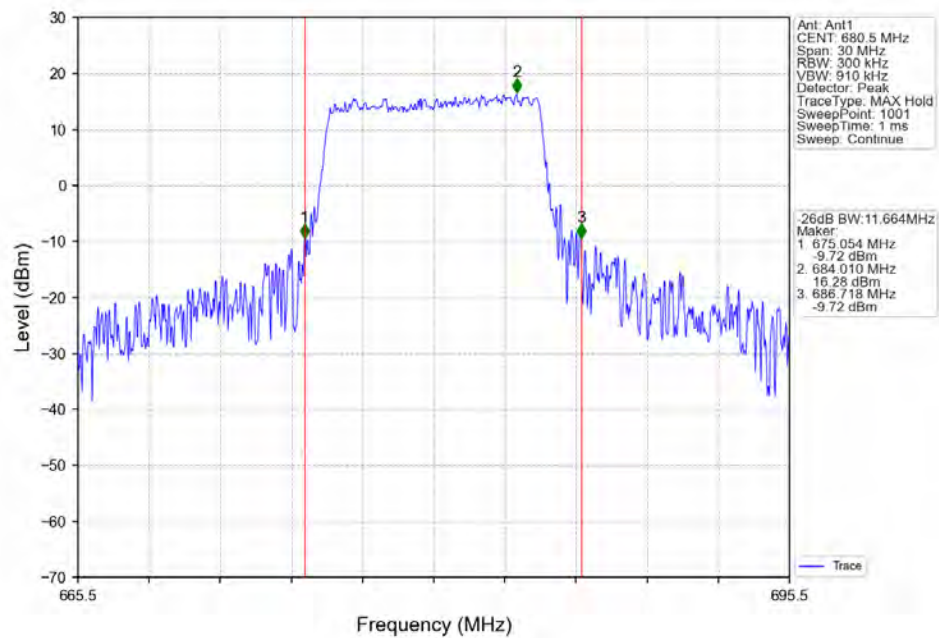
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



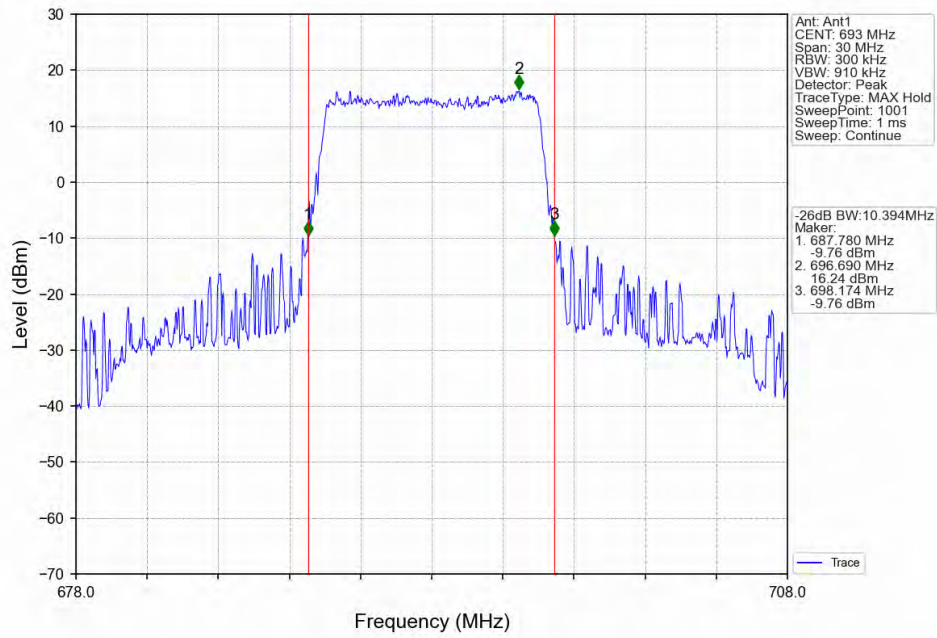
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



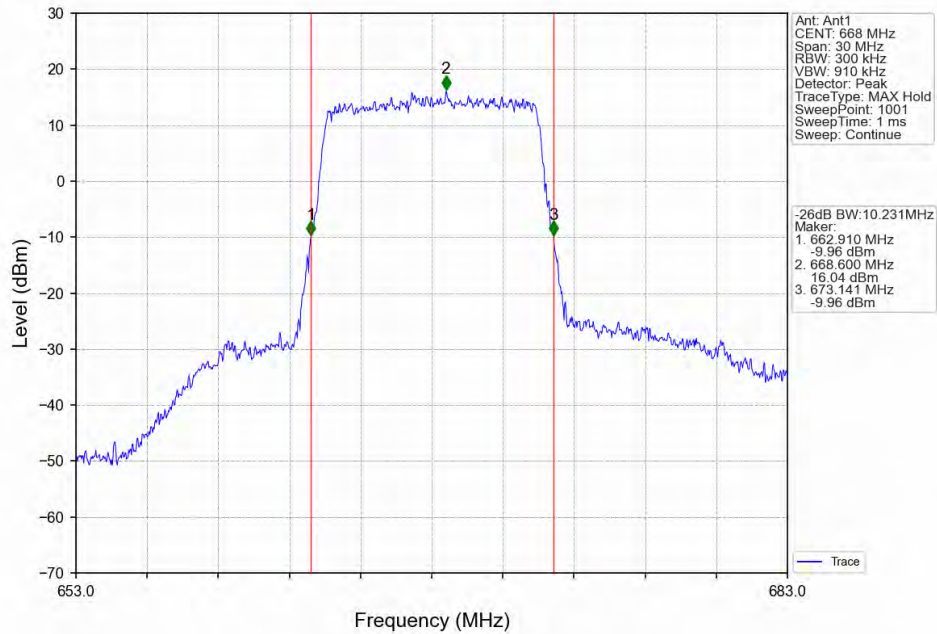
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



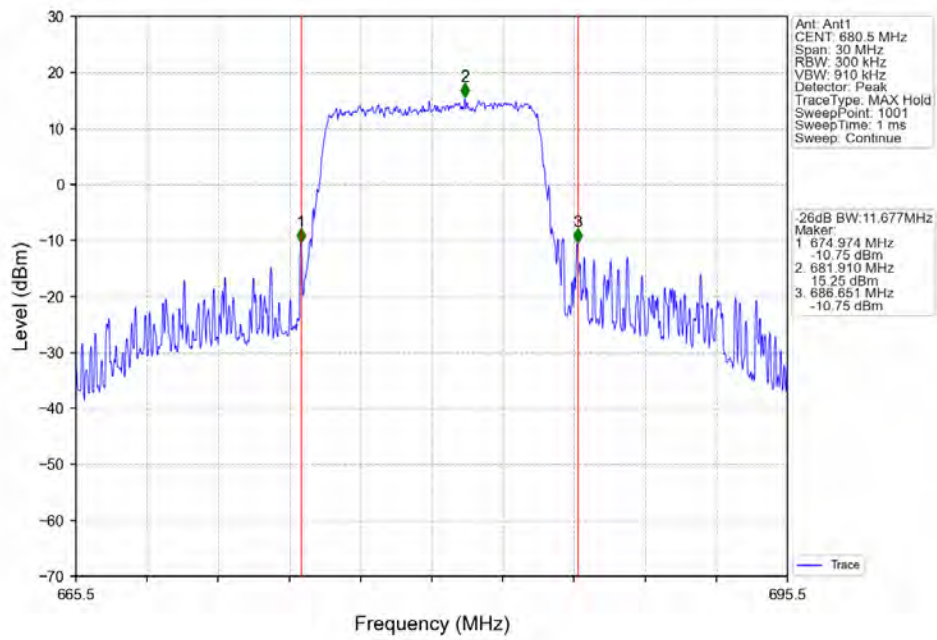
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



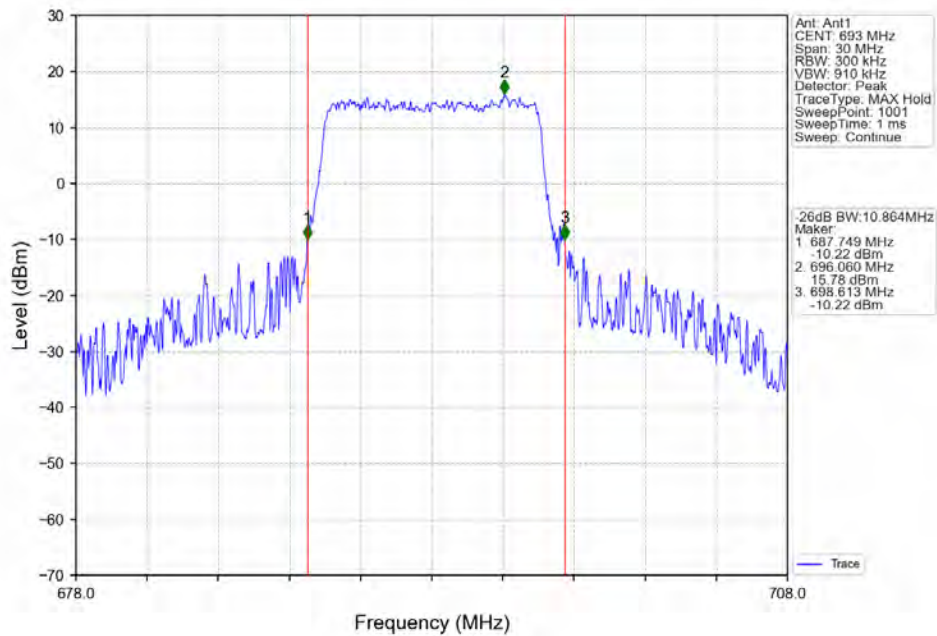
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTN



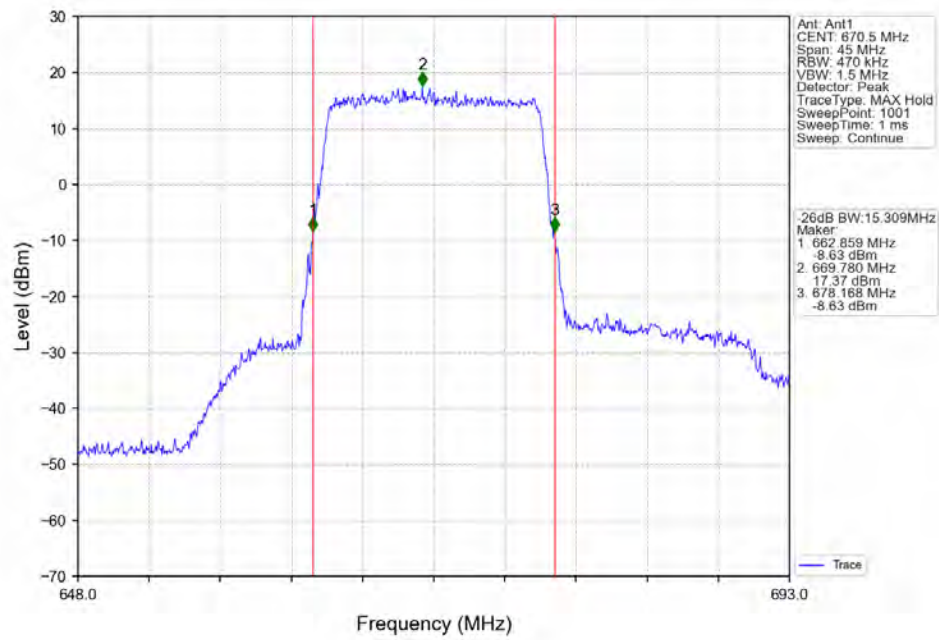
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTN



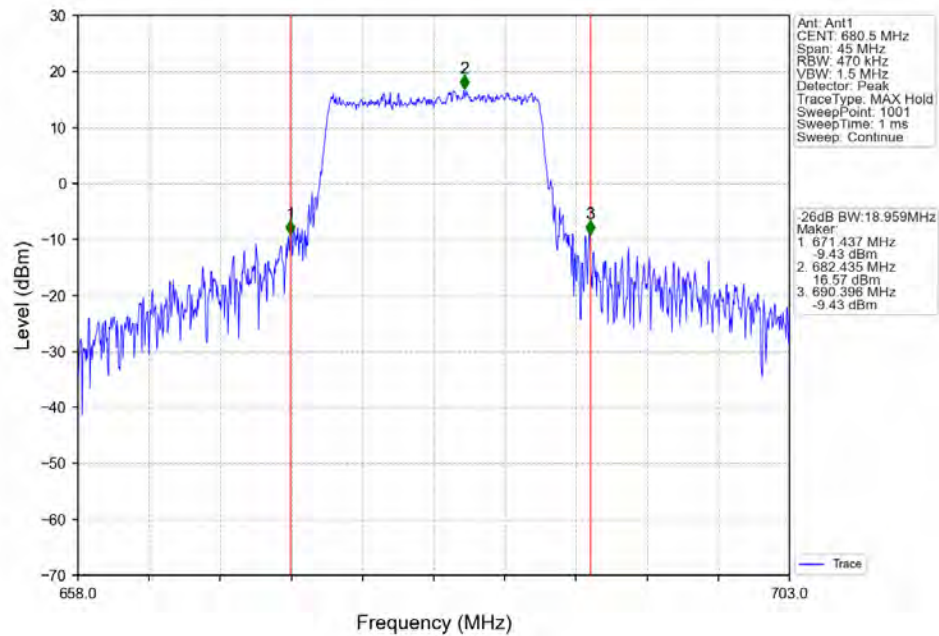
Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTN



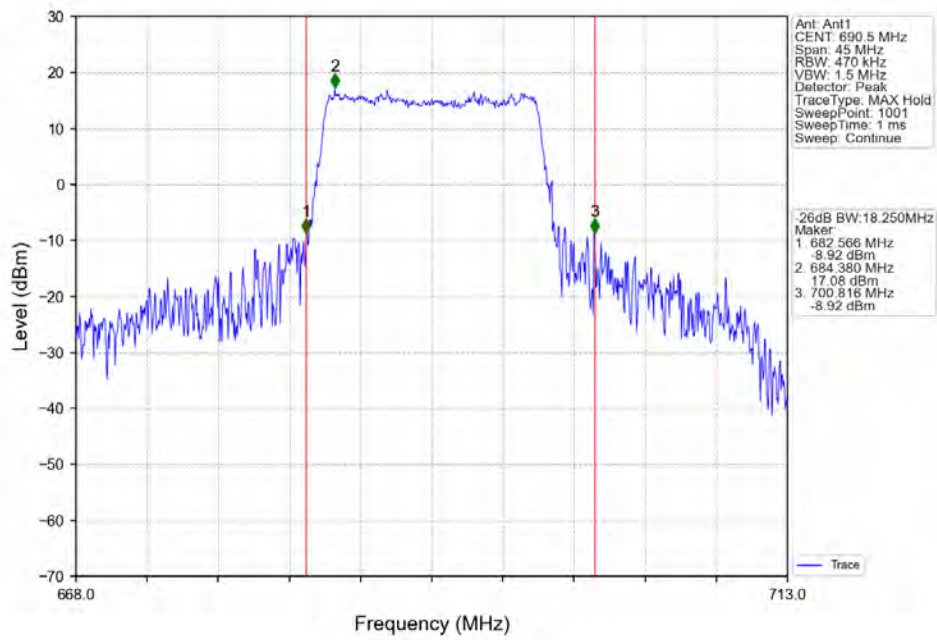
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



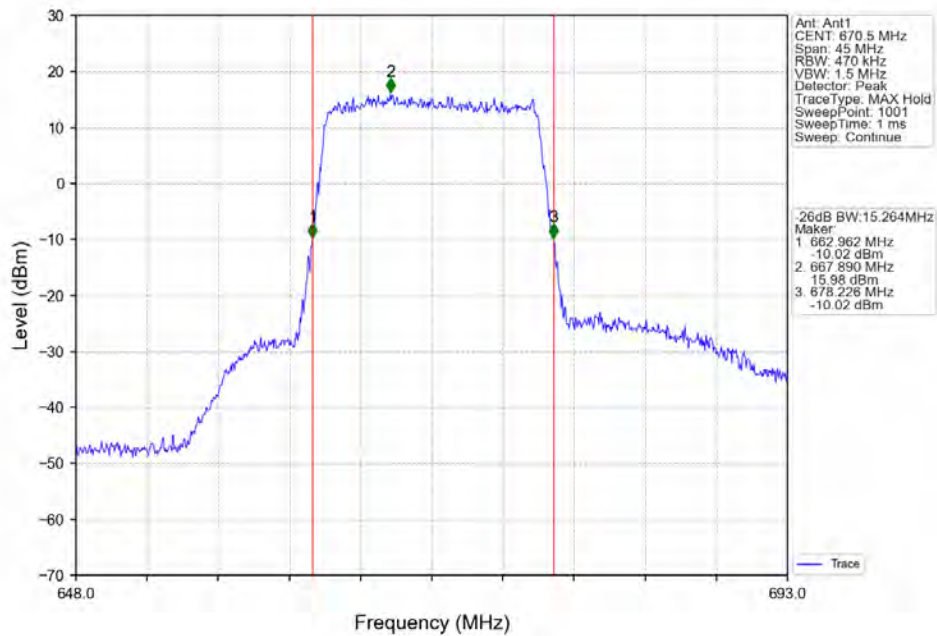
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



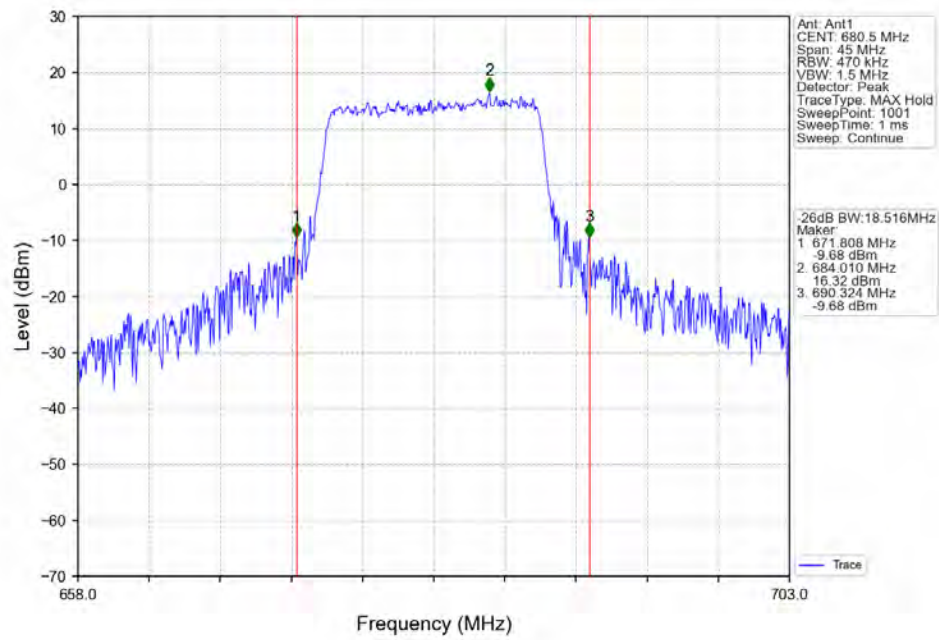
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



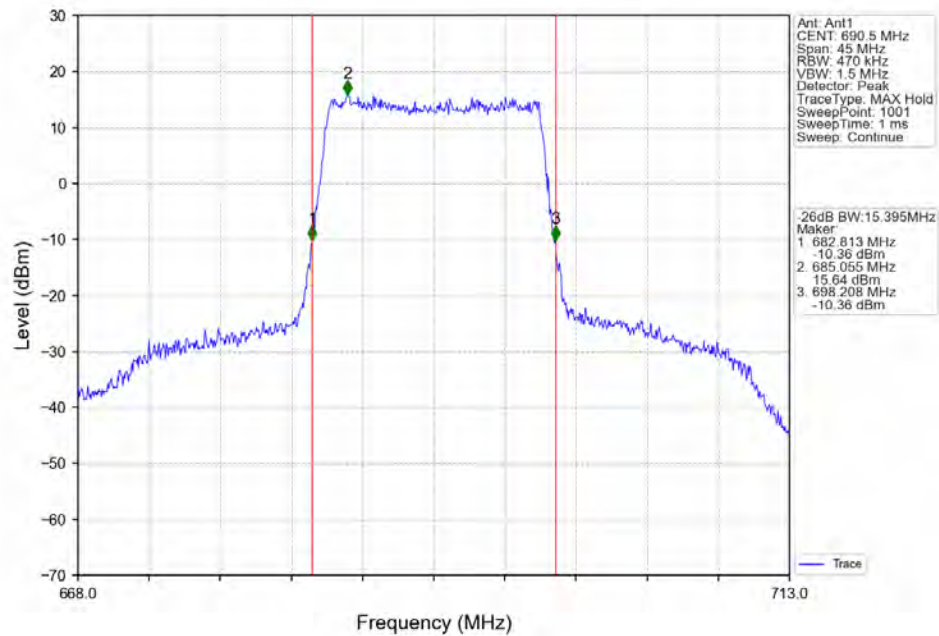
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



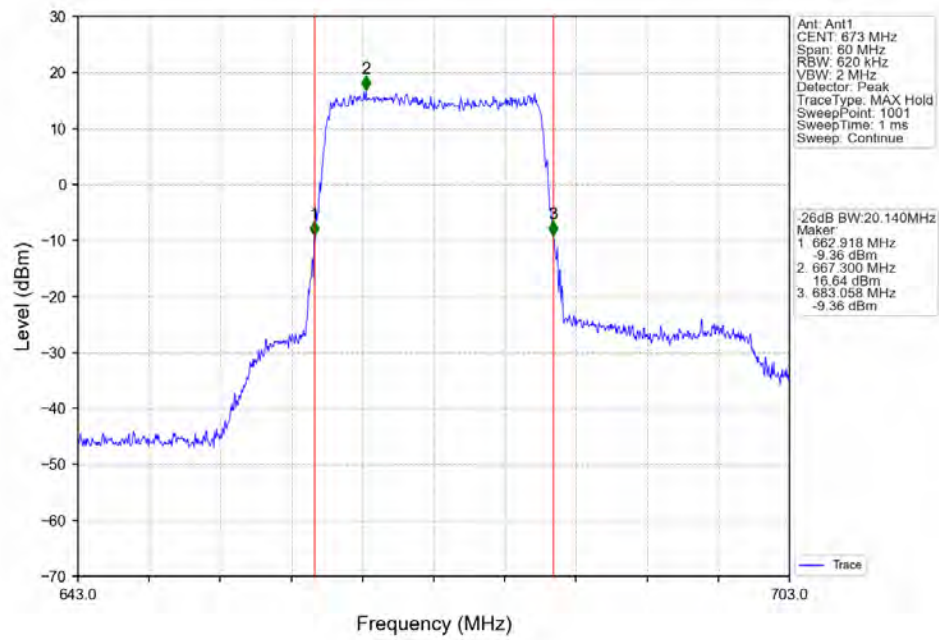
Band71 15MHz 16QAM MCH 680.5MHz RB 75.0 NTNV



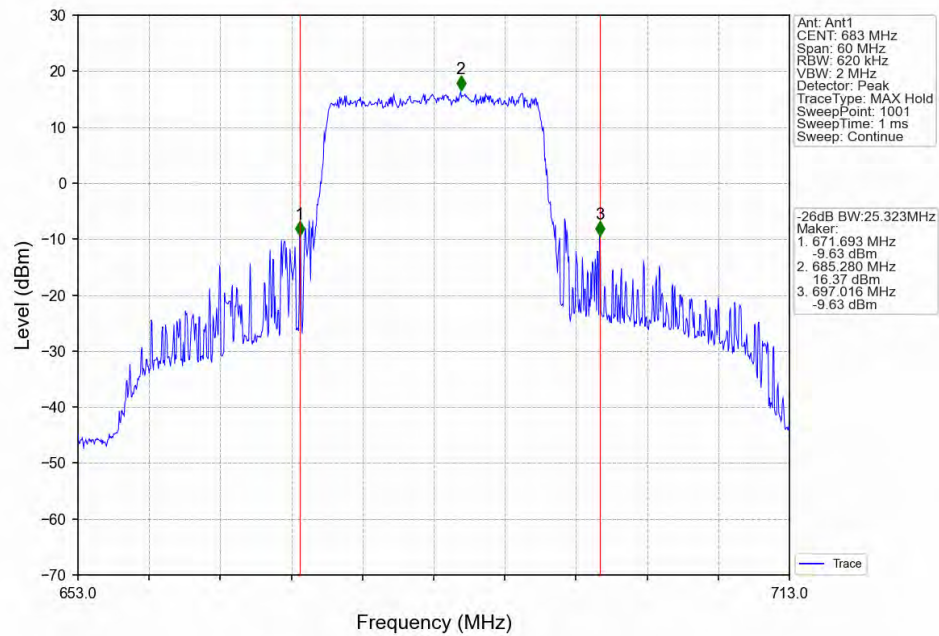
Band71 15MHz 16QAM HCH 690.5MHz RB 75.0 NTNV



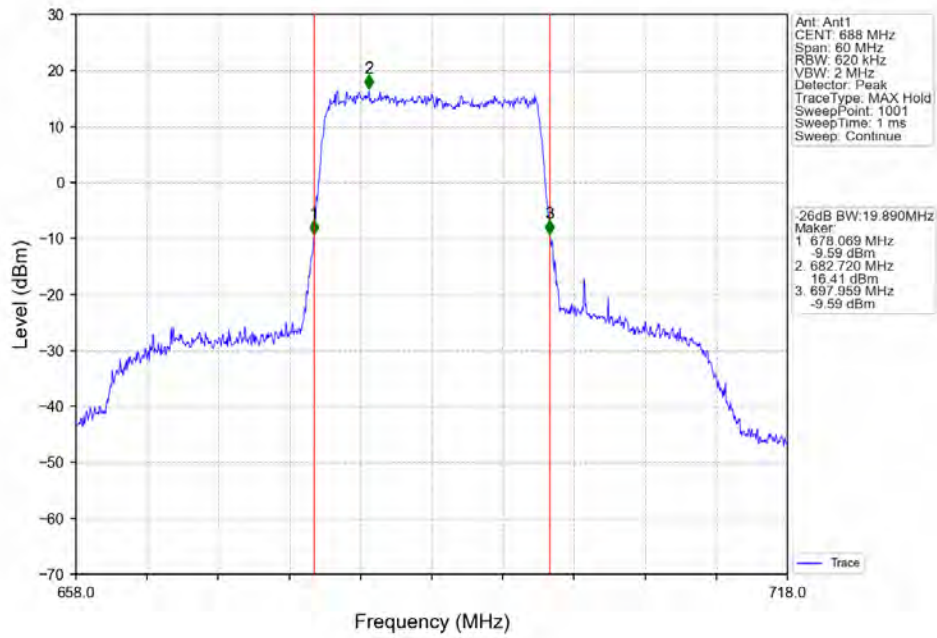
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



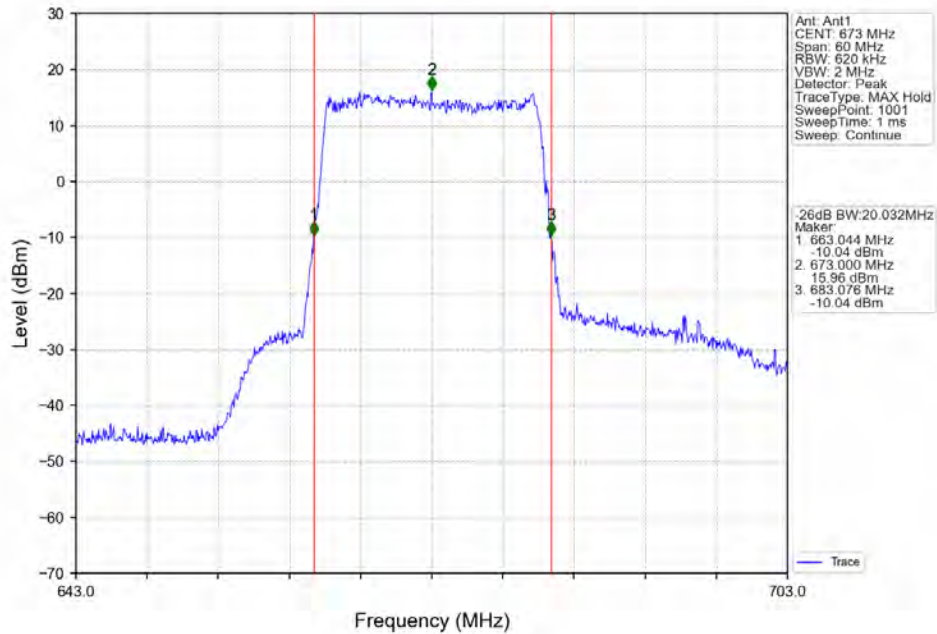
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



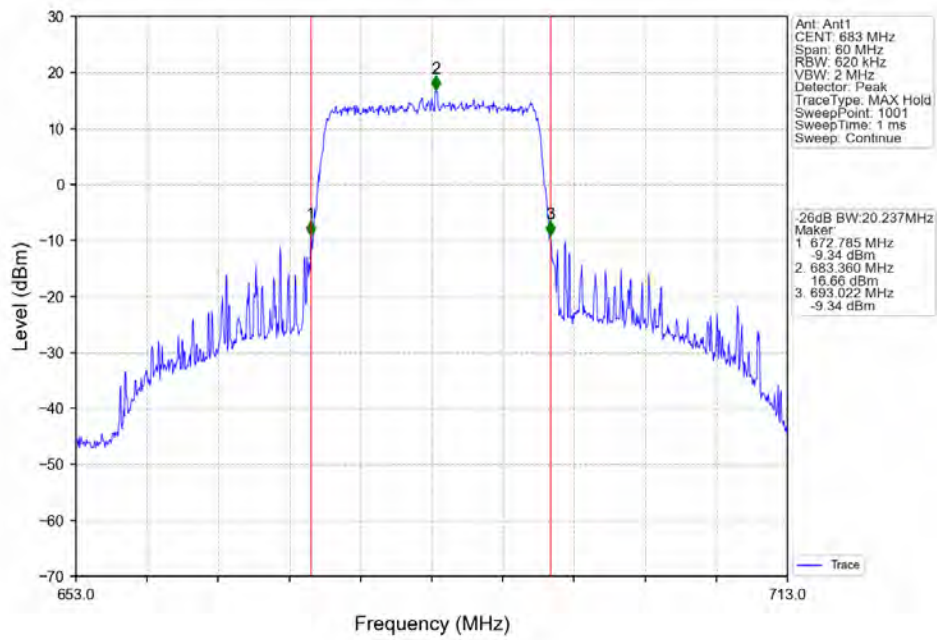
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



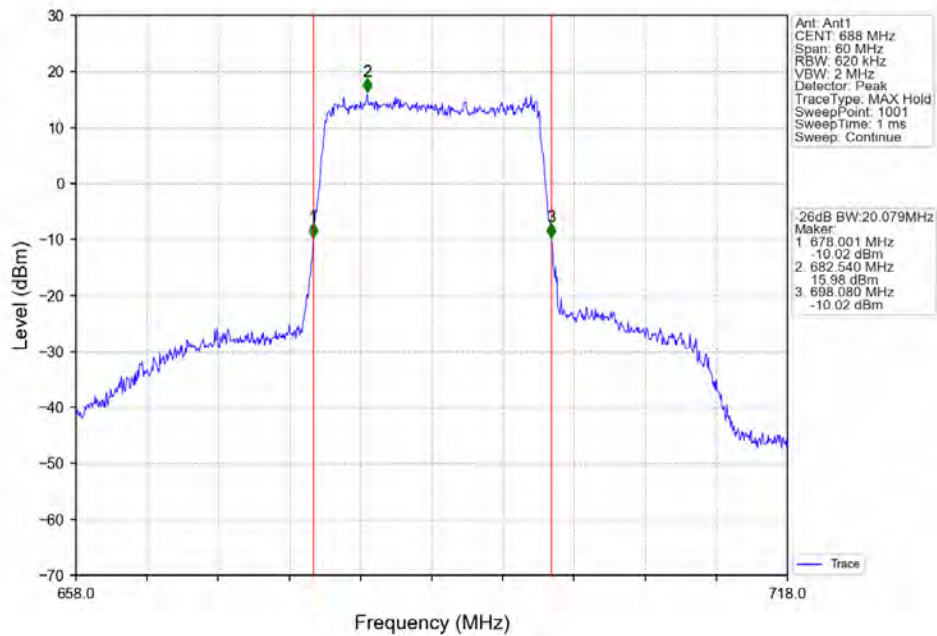
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



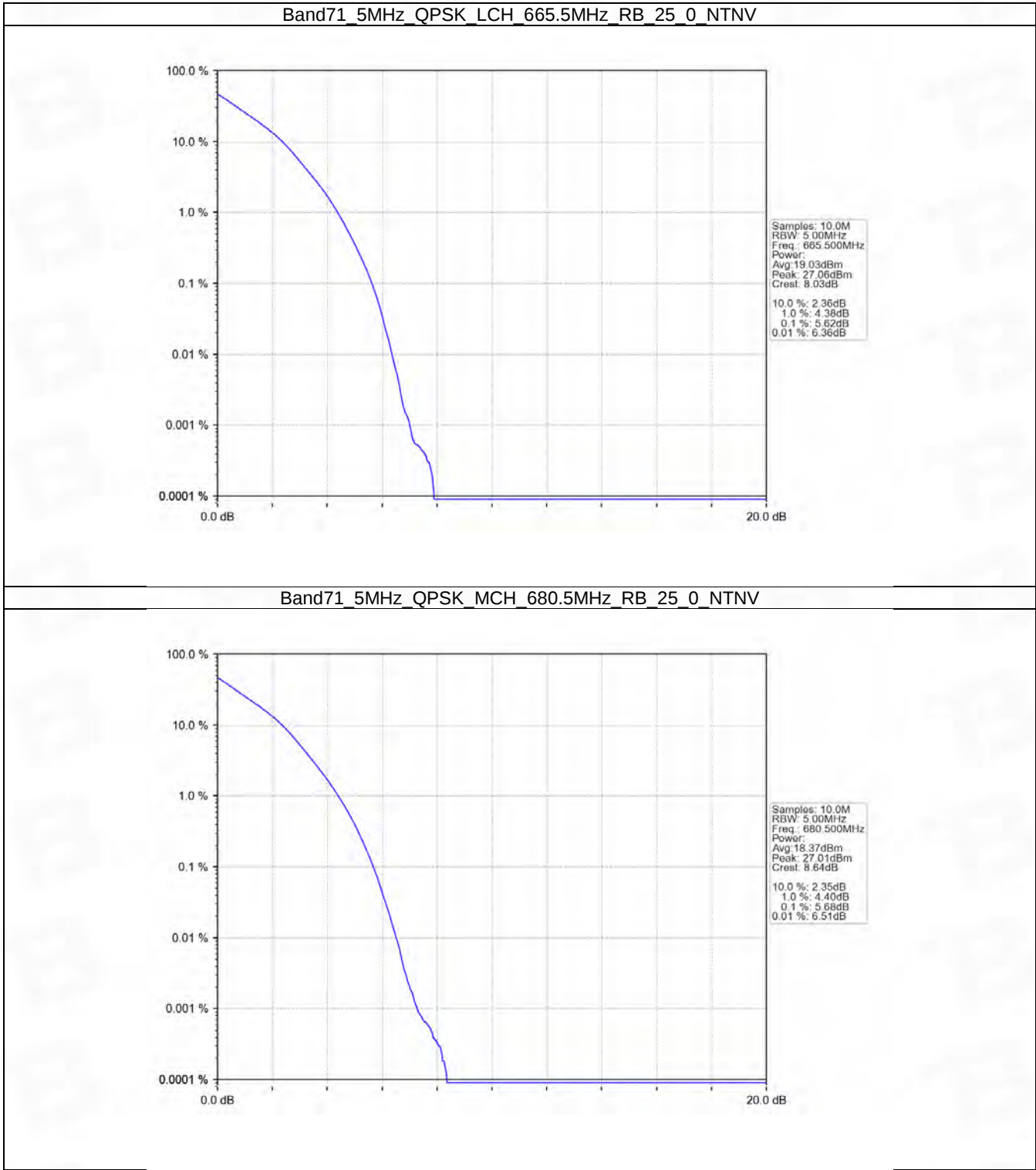
5. Peak-Average Ratio

5.1 B71_5MHz

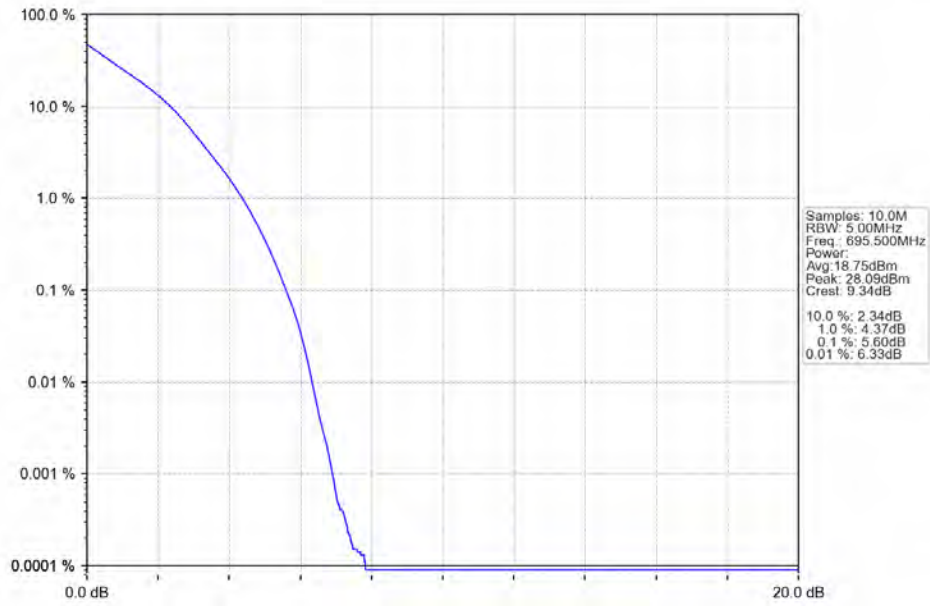
5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.62	<=13	Pass
	680.5	25	0	5.68	<=13	Pass
	695.5	25	0	5.60	<=13	Pass
16QAM	665.5	25	0	6.26	<=13	Pass
	680.5	25	0	6.26	<=13	Pass
	695.5	25	0	6.26	<=13	Pass

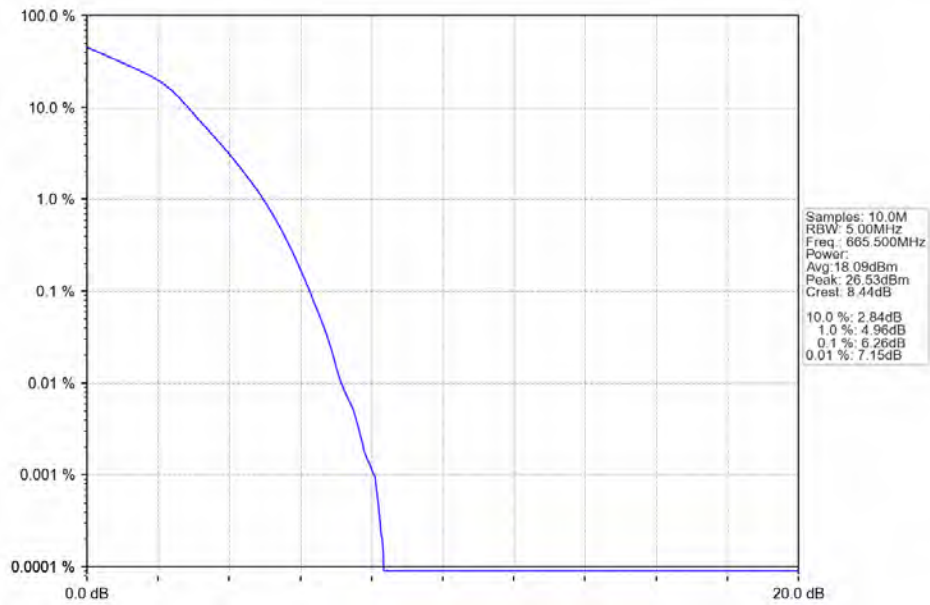
5.1.2 Test Graph



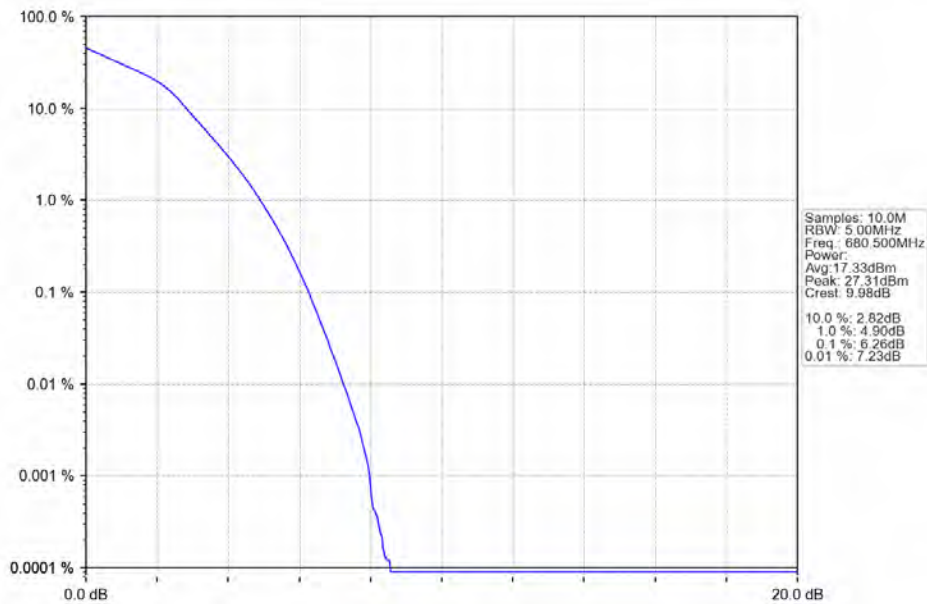
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



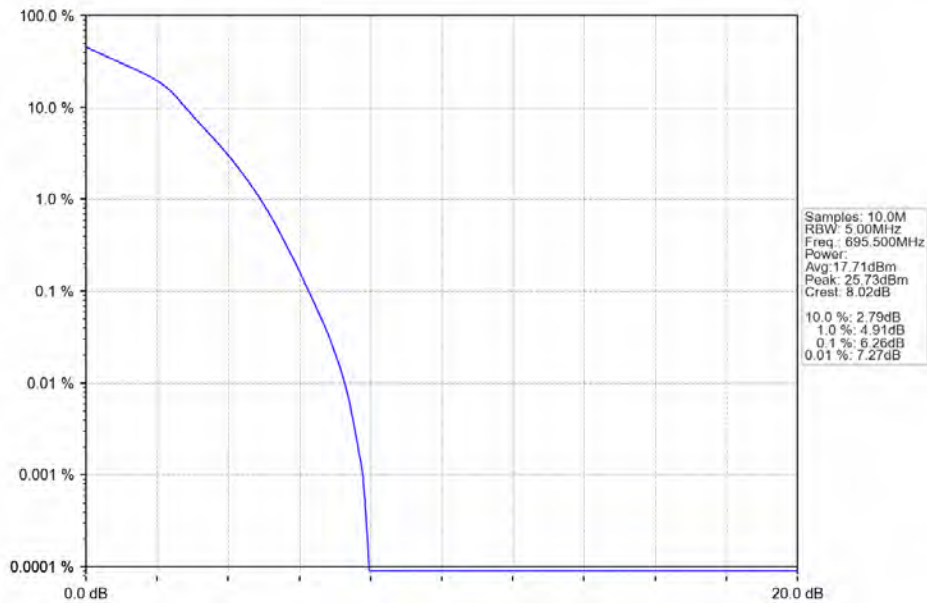
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV

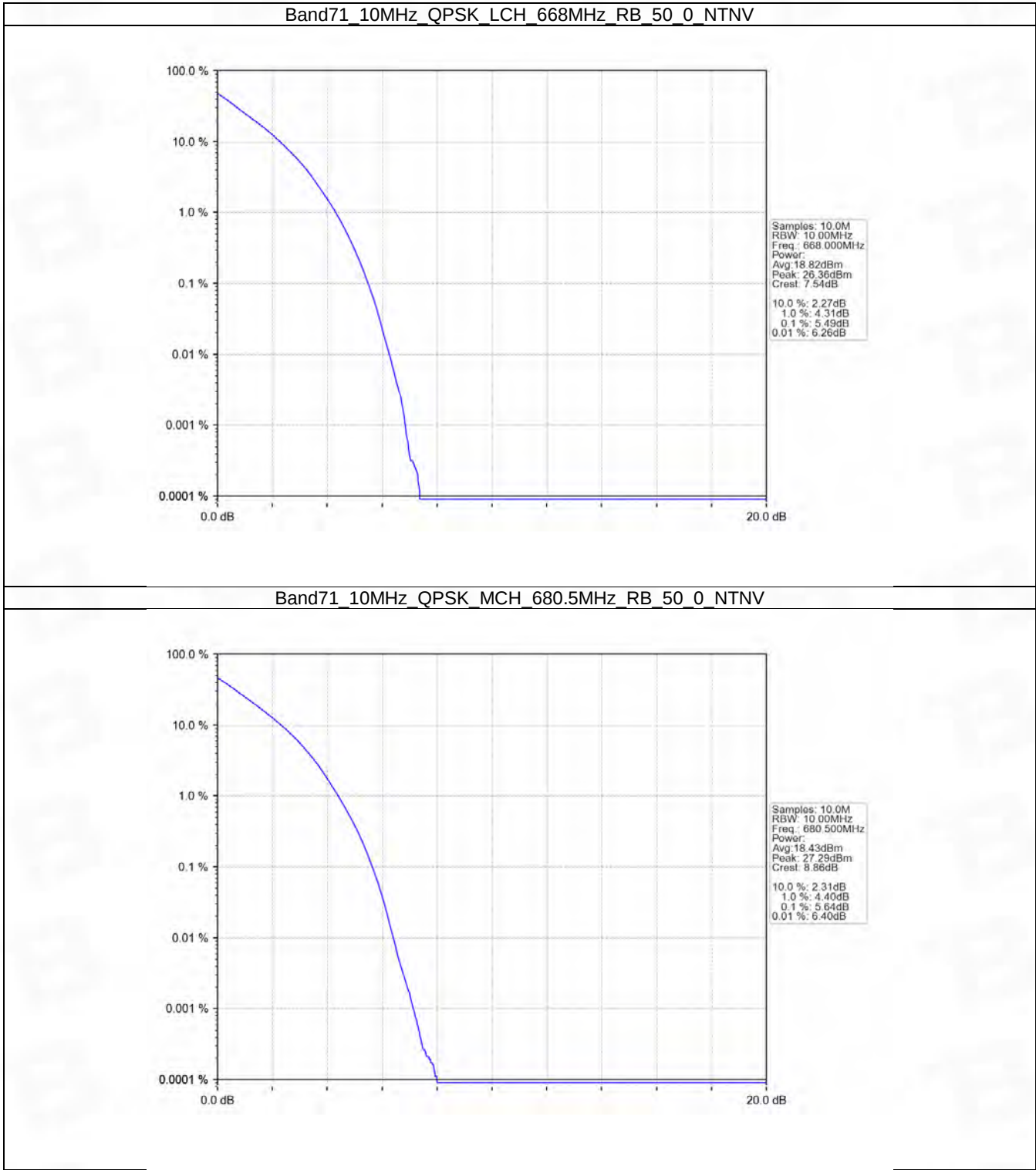


5.2 B71_10MHz

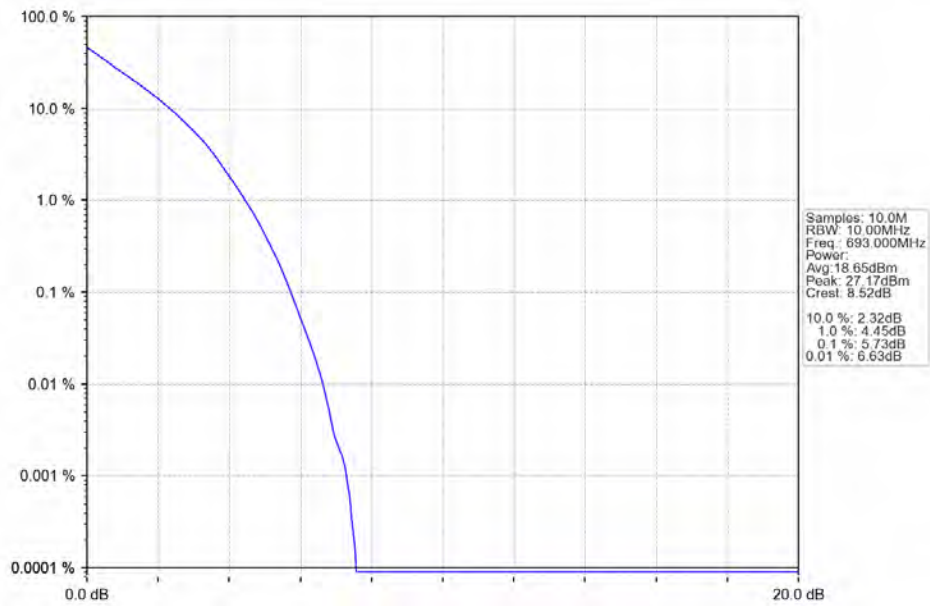
5.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.49	<=13	Pass
	680.5	50	0	5.64	<=13	Pass
	693	50	0	5.73	<=13	Pass
16QAM	668	50	0	6.24	<=13	Pass
	680.5	50	0	6.35	<=13	Pass
	693	50	0	6.36	<=13	Pass

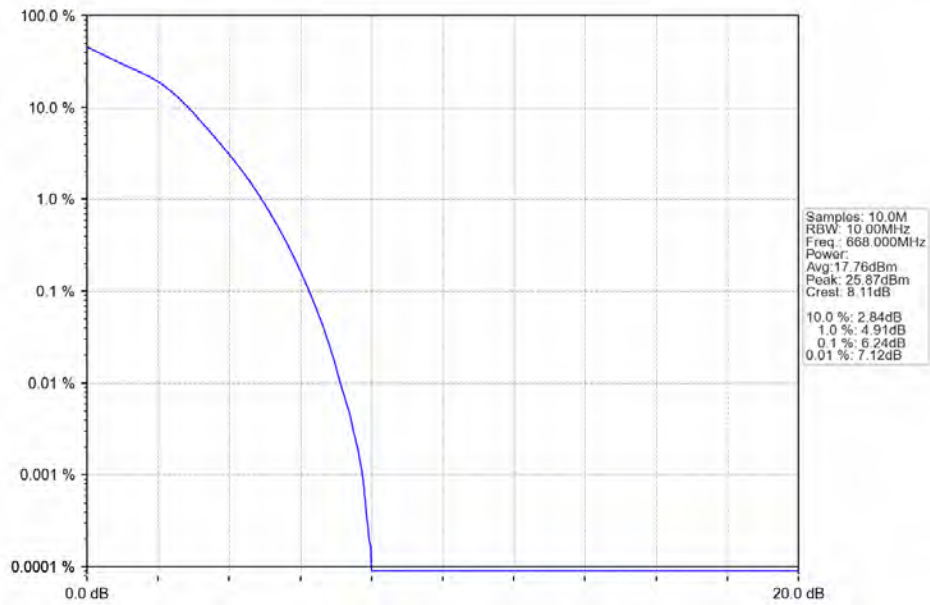
5.2.2 Test Graph



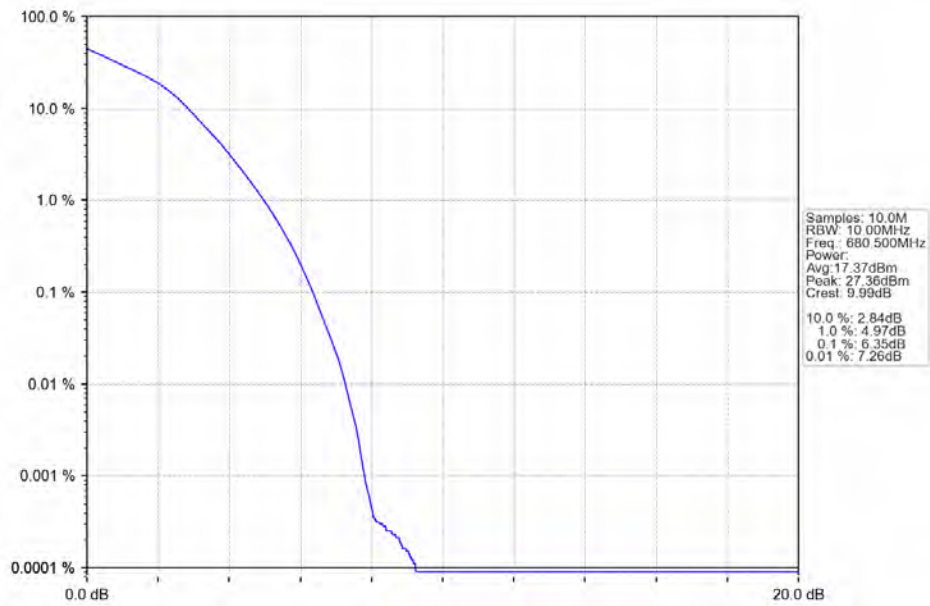
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



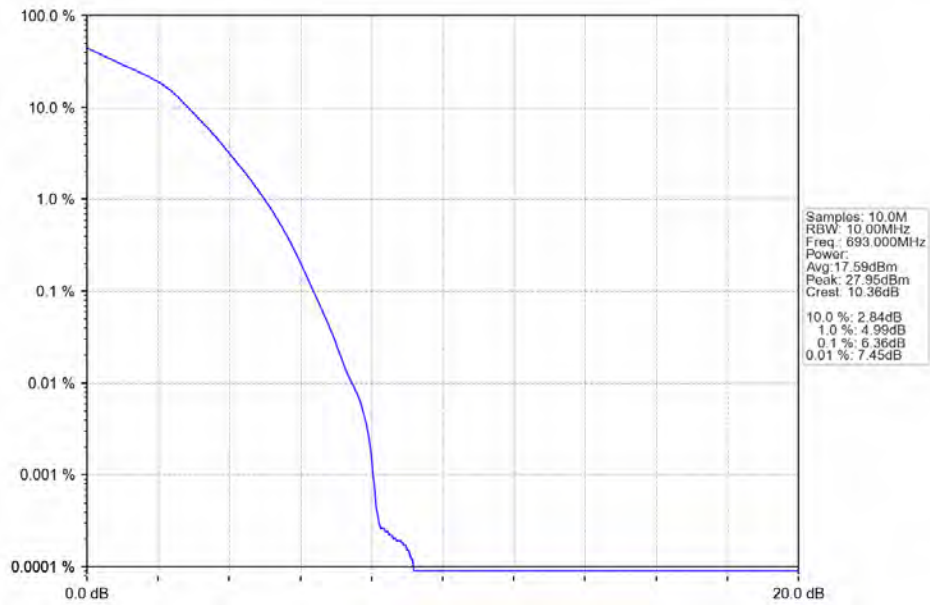
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTN



Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTN

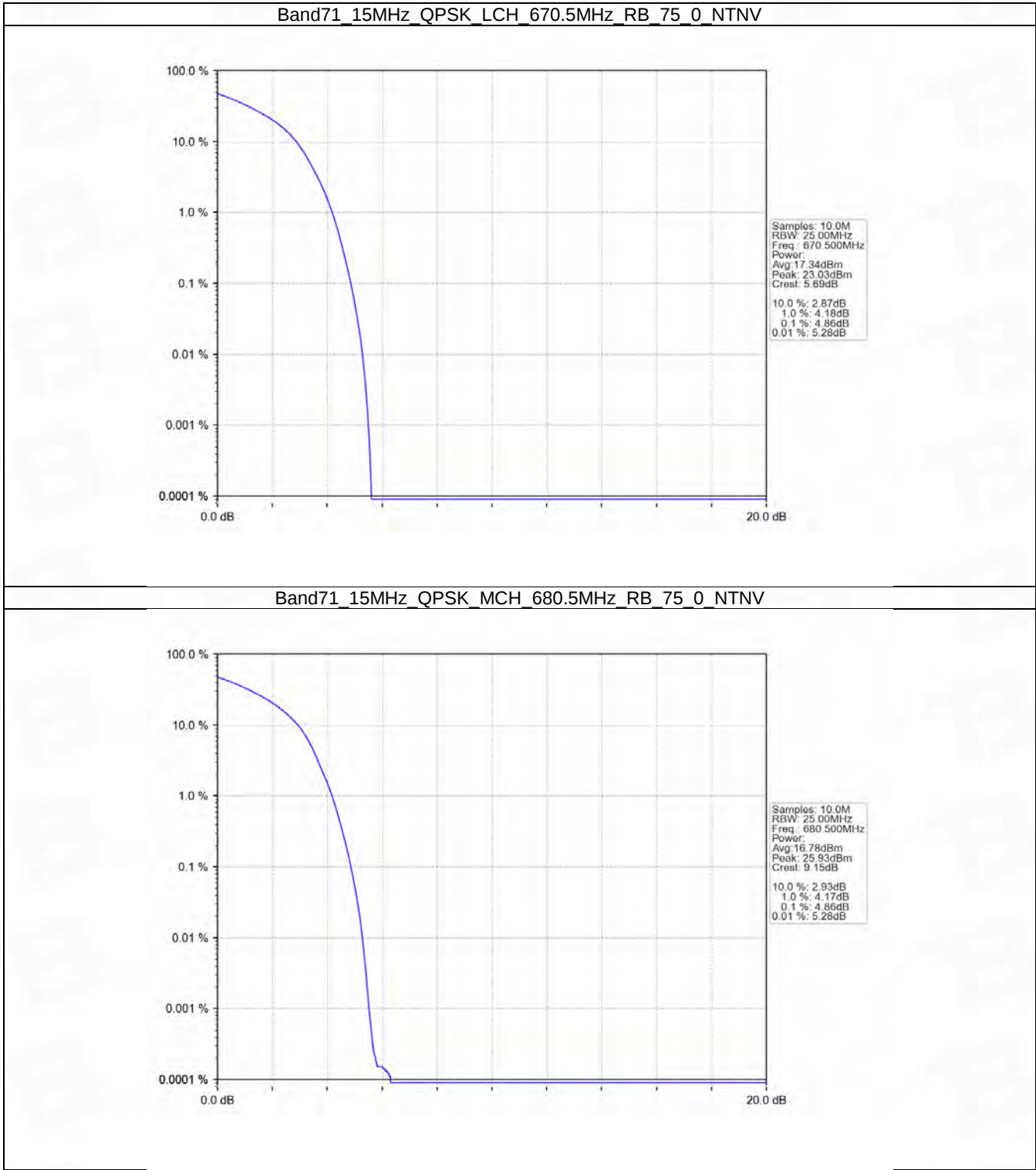


5.3 B71_15MHz

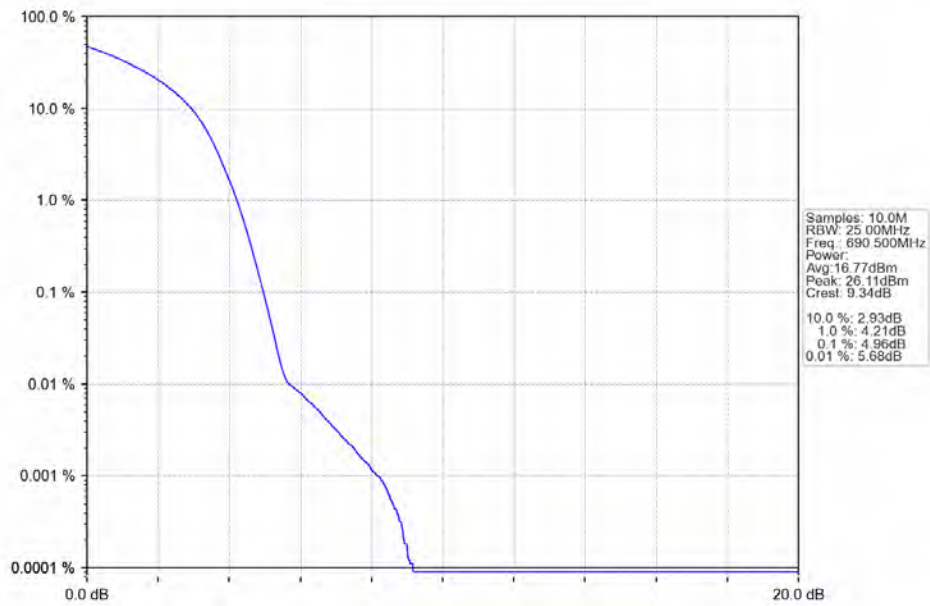
5.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	4.86	<=13	Pass
	680.5	75	0	4.86	<=13	Pass
	690.5	75	0	4.96	<=13	Pass
16QAM	670.5	75	0	6.18	<=13	Pass
	680.5	75	0	6.15	<=13	Pass
	690.5	75	0	6.14	<=13	Pass

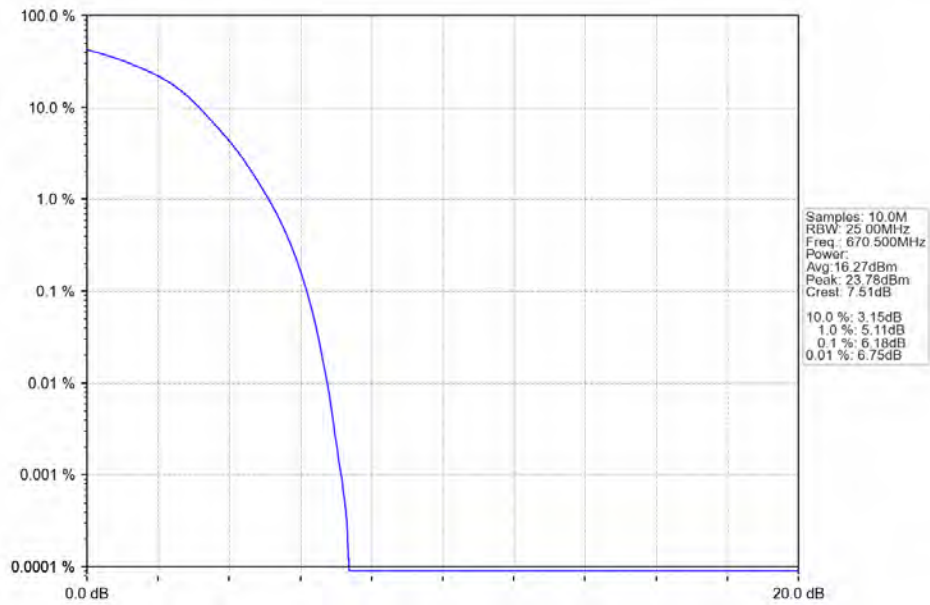
5.3.2 Test Graph



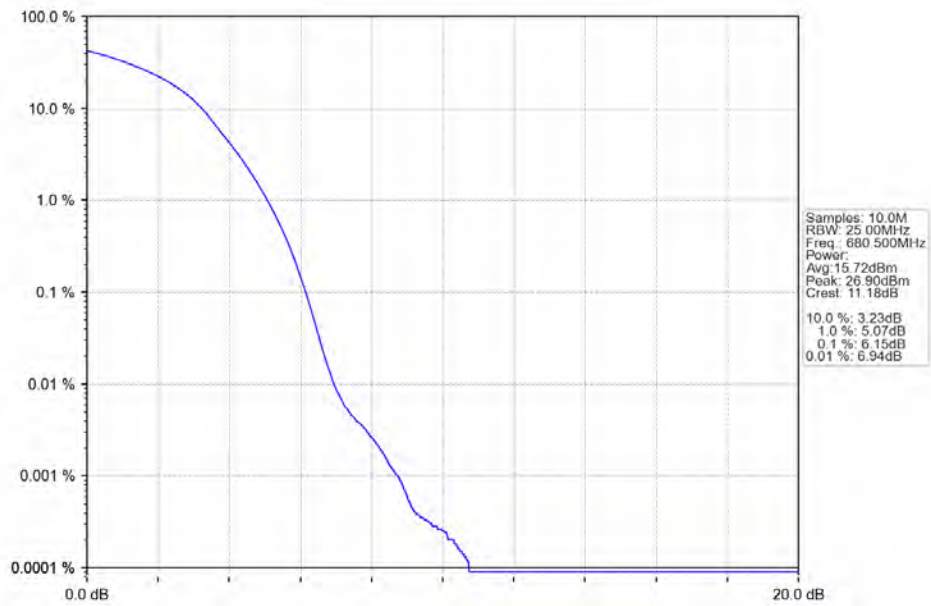
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



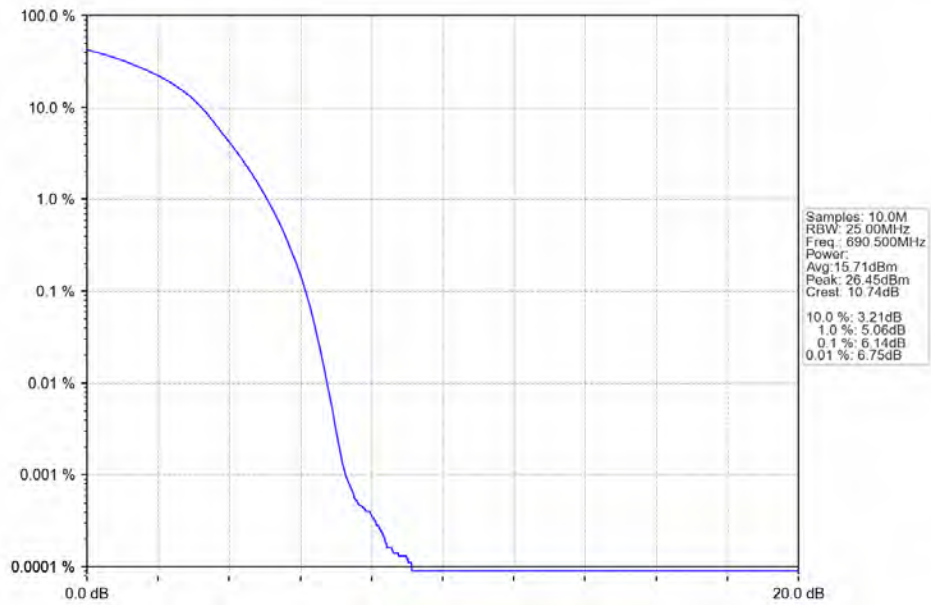
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



Band71 15MHz 16QAM MCH 680.5MHz RB 75.0 NTNV



Band71 15MHz 16QAM HCH 690.5MHz RB 75.0 NTNV

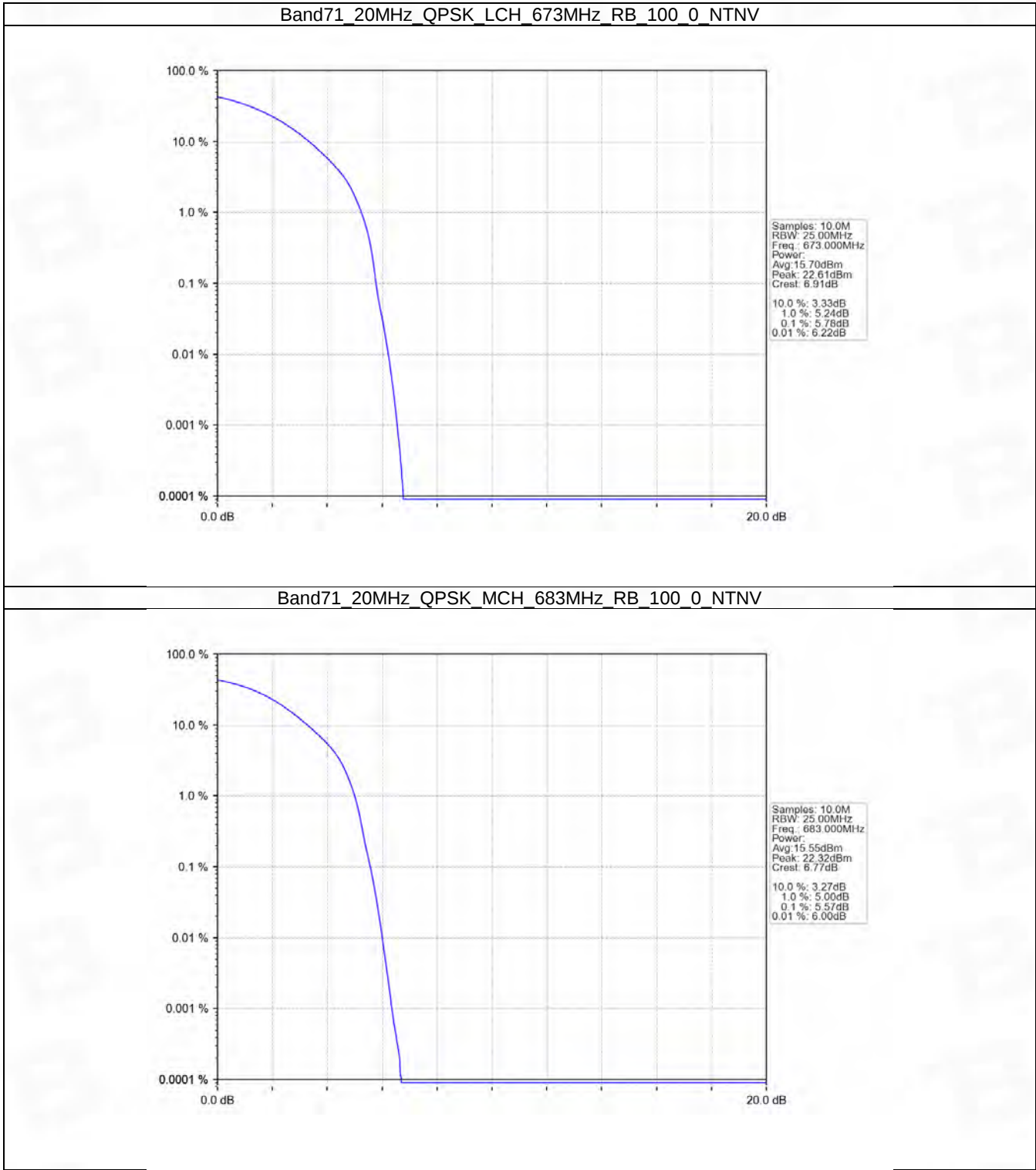


5.4 B71_20MHz

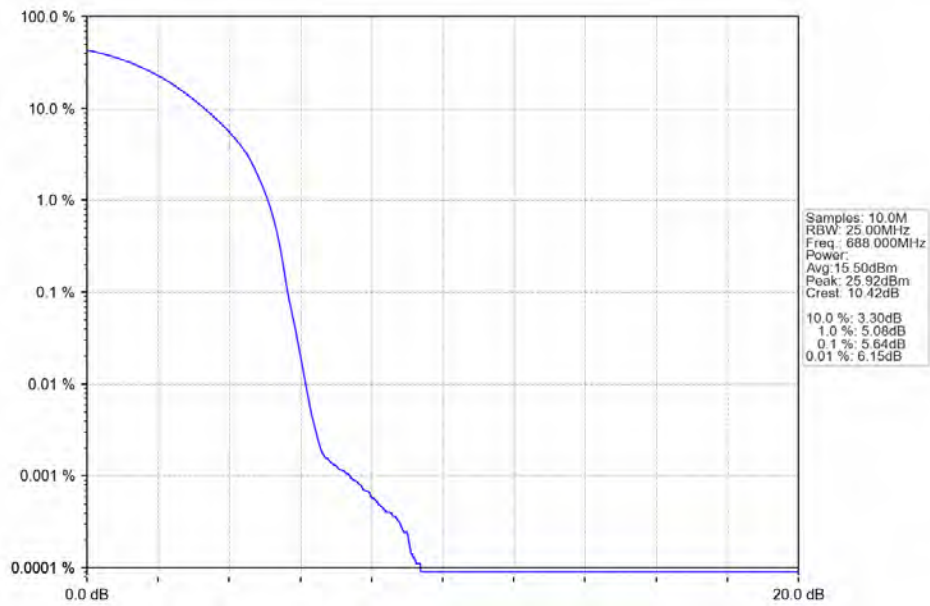
5.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.78	<=13	Pass
	683	100	0	5.57	<=13	Pass
	688	100	0	5.64	<=13	Pass
16QAM	673	100	0	6.73	<=13	Pass
	683	100	0	6.64	<=13	Pass
	688	100	0	6.68	<=13	Pass

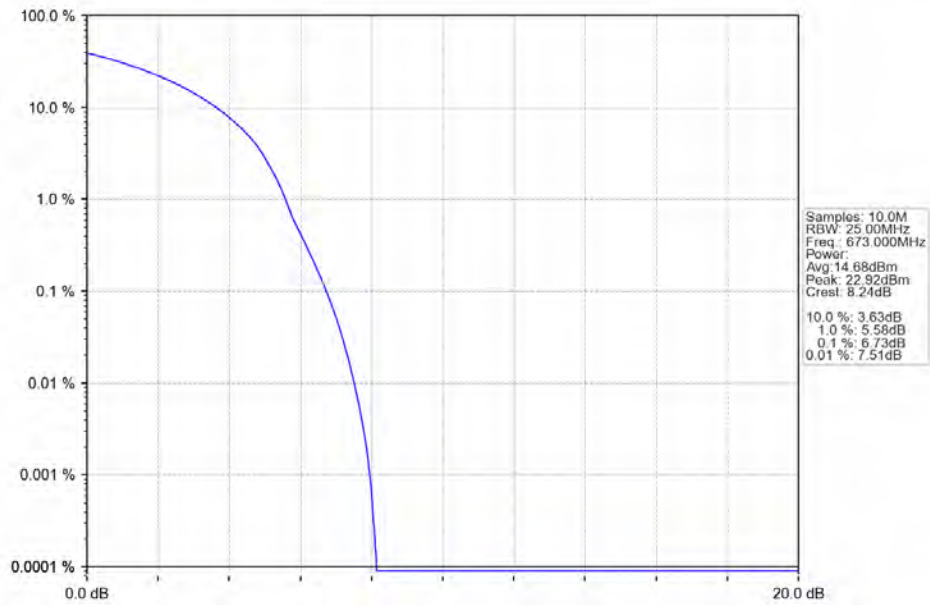
5.4.2 Test Graph



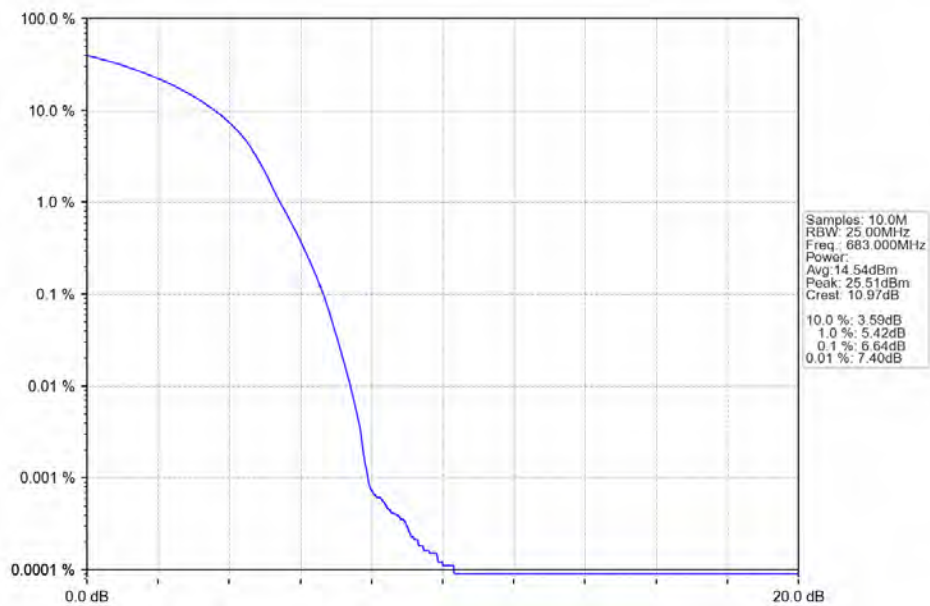
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



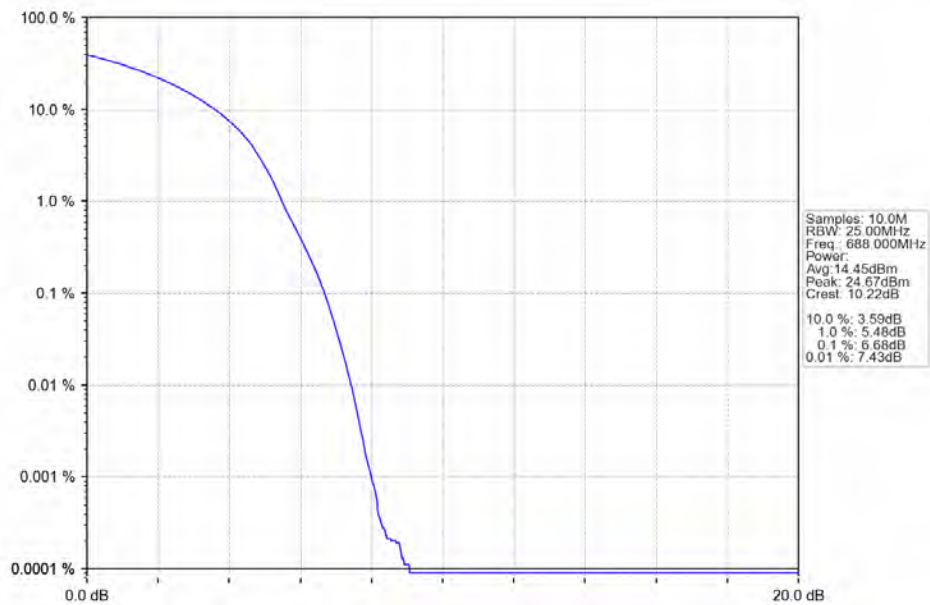
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



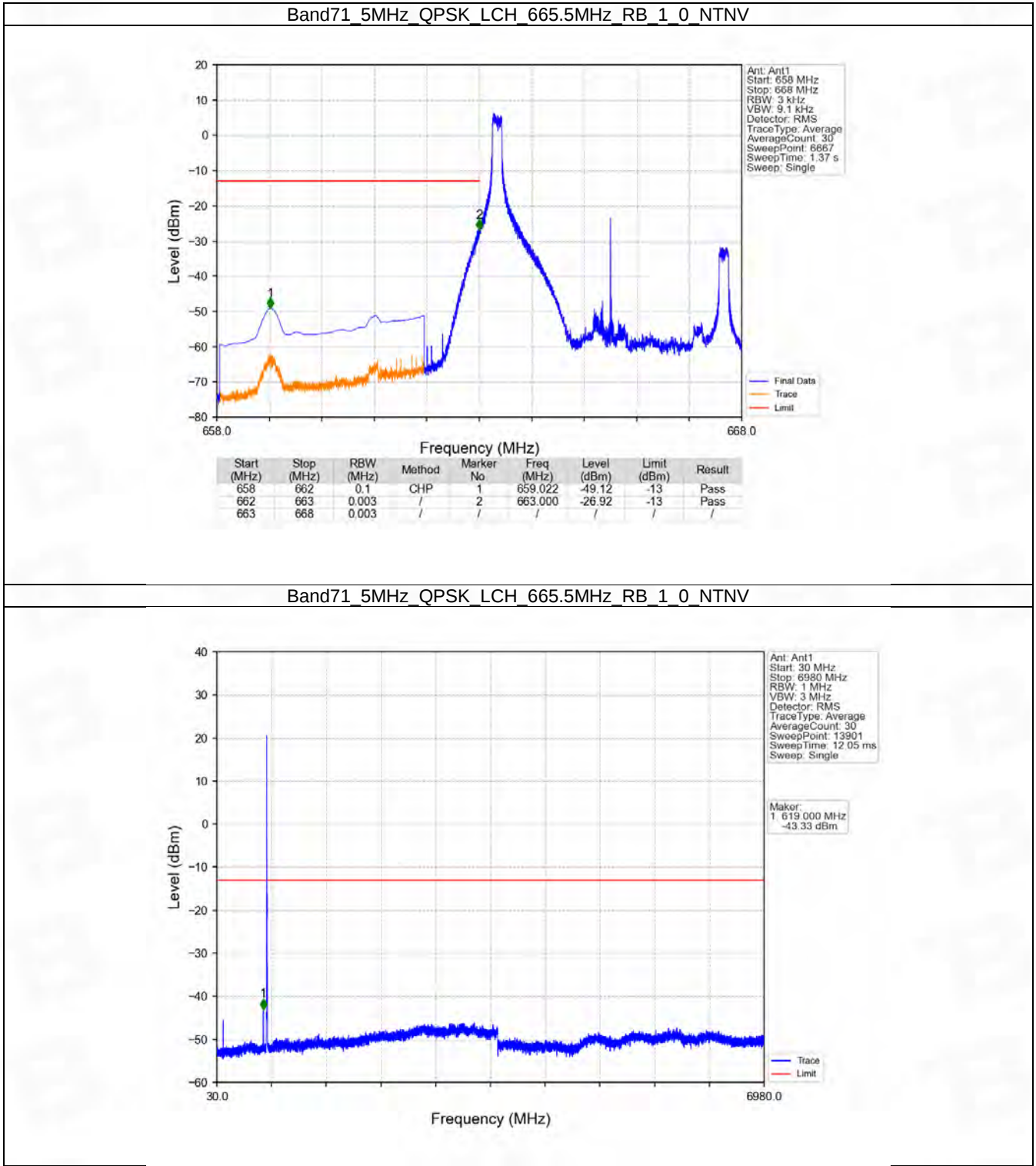
6. Spurious Emission

6.1 B71_5MHz

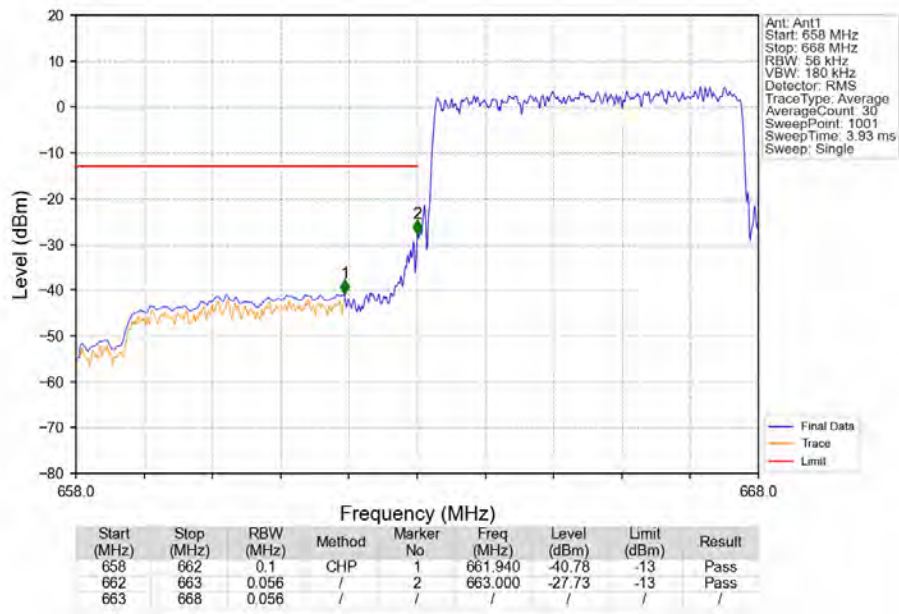
6.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
		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
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

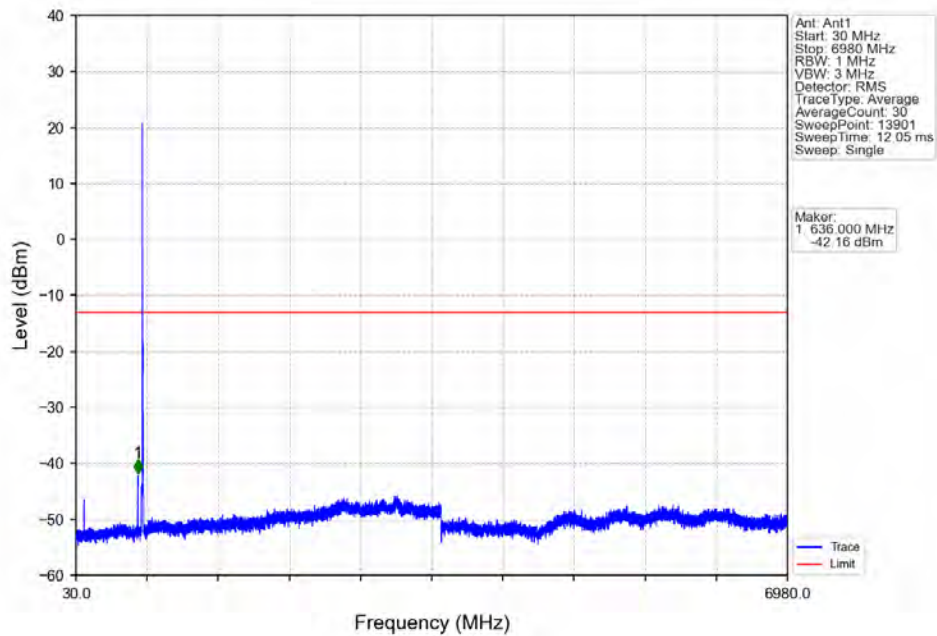
6.1.2 Test Graph



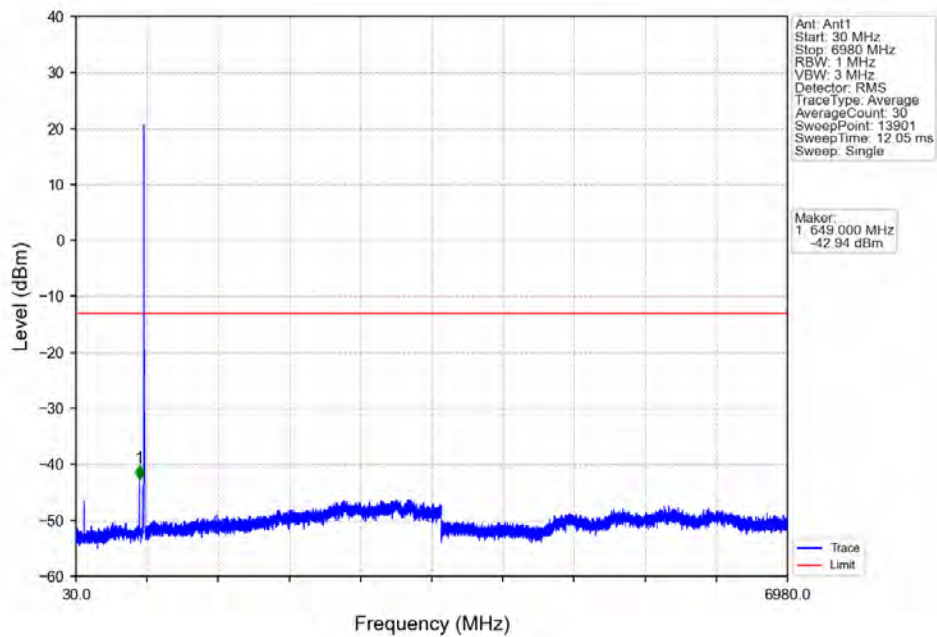
Band71 5MHz QPSK LCH 665.5MHz RB 25 0 NTNV



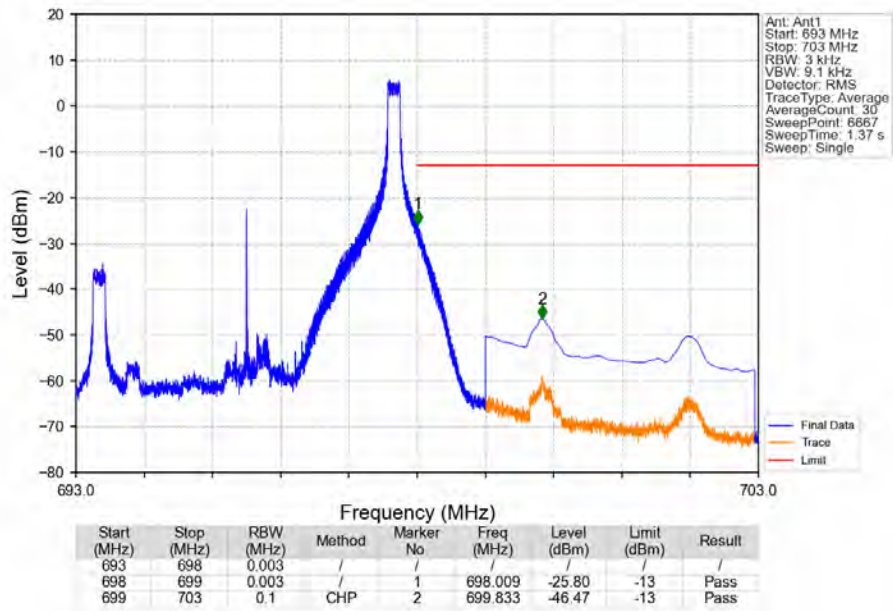
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



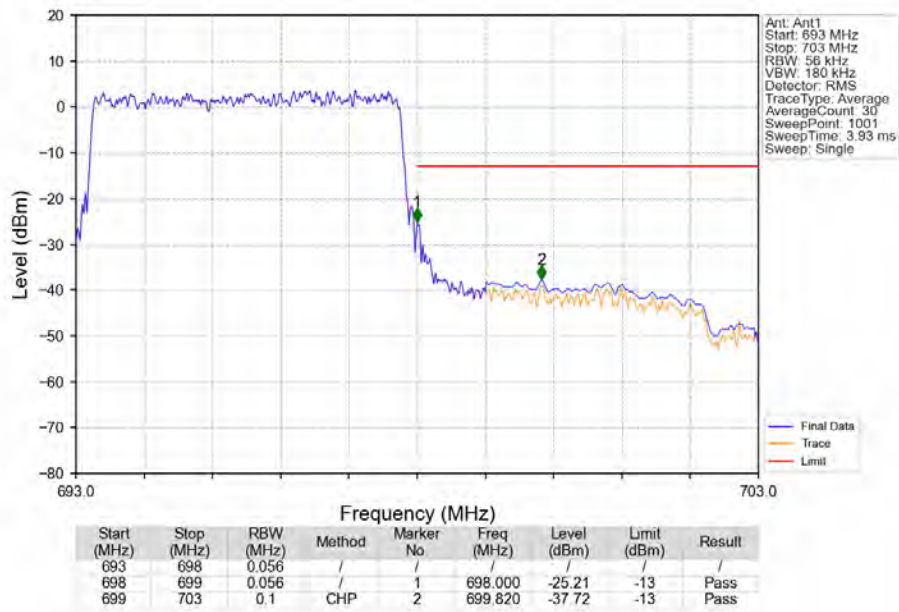
Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTNV



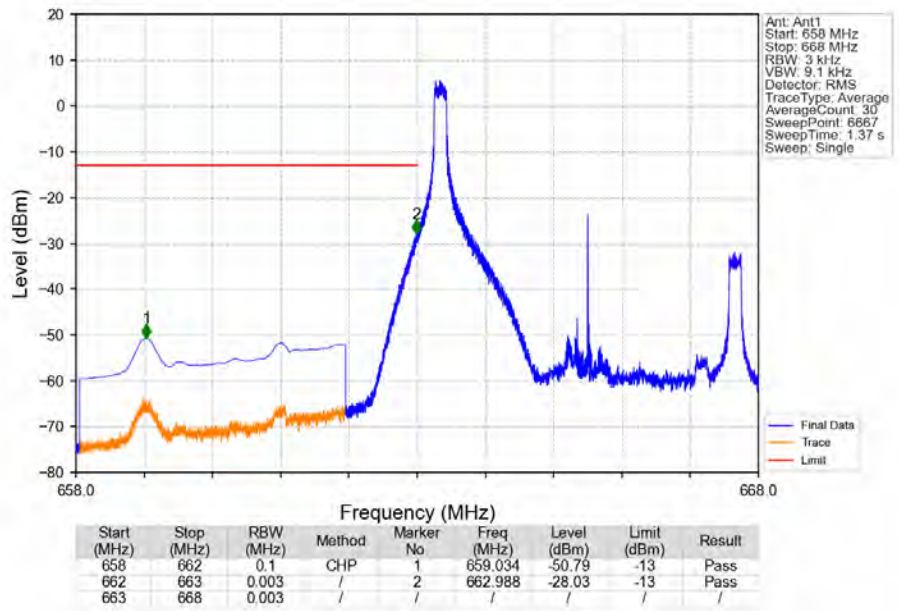
Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTNV



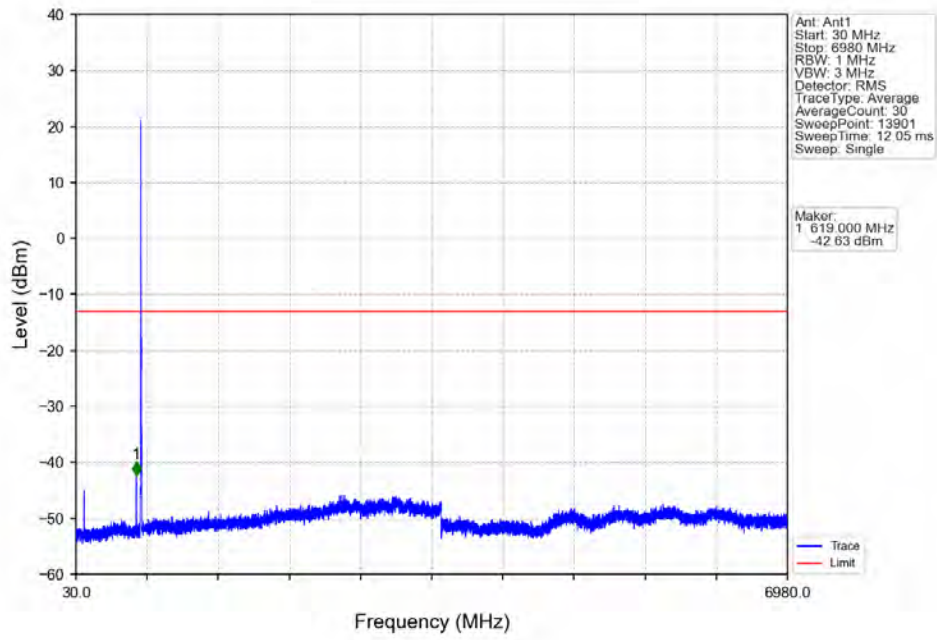
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV



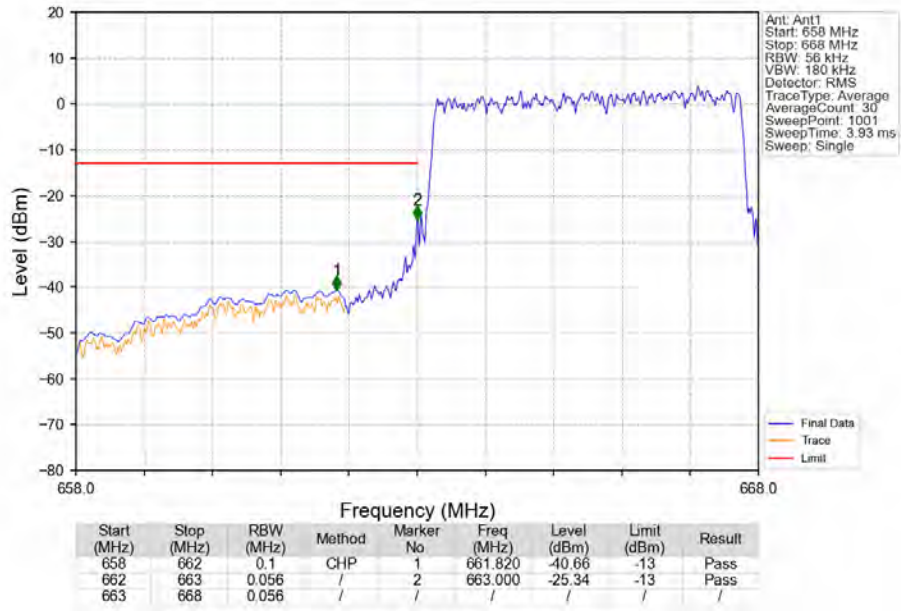
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTV



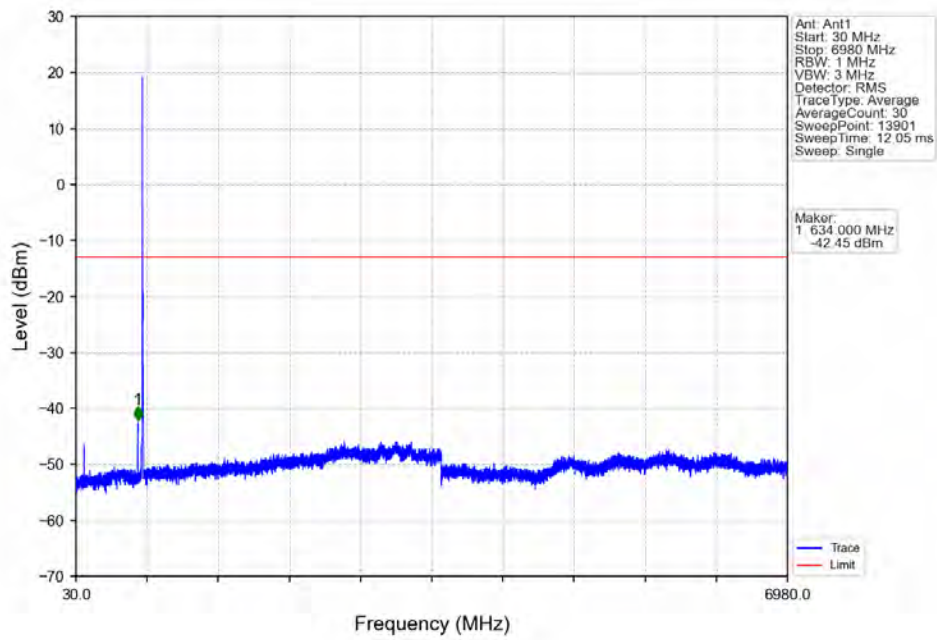
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV



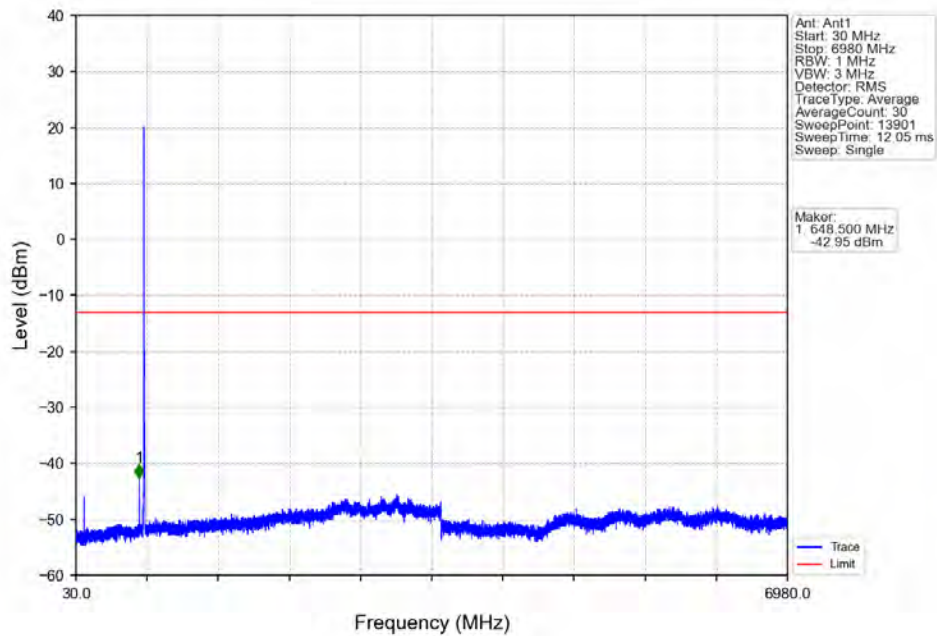
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



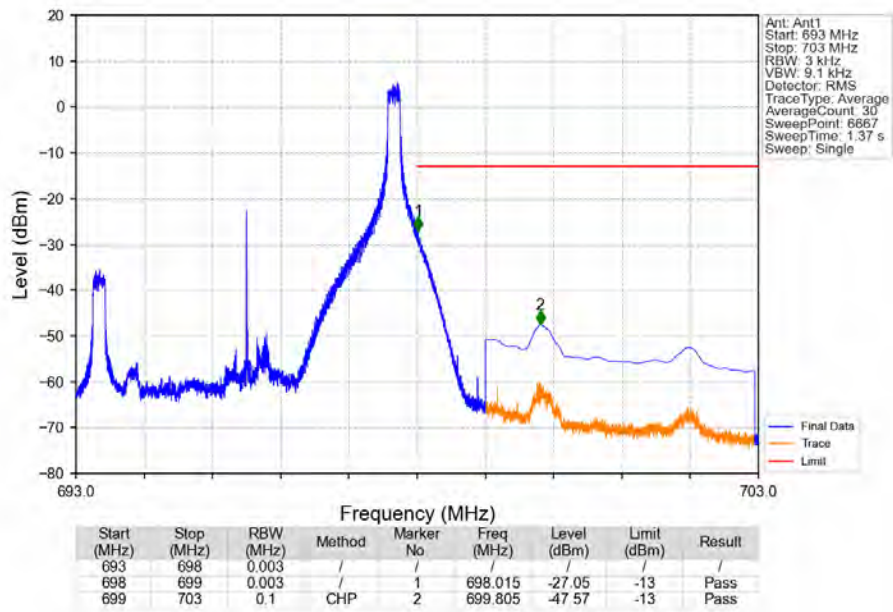
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



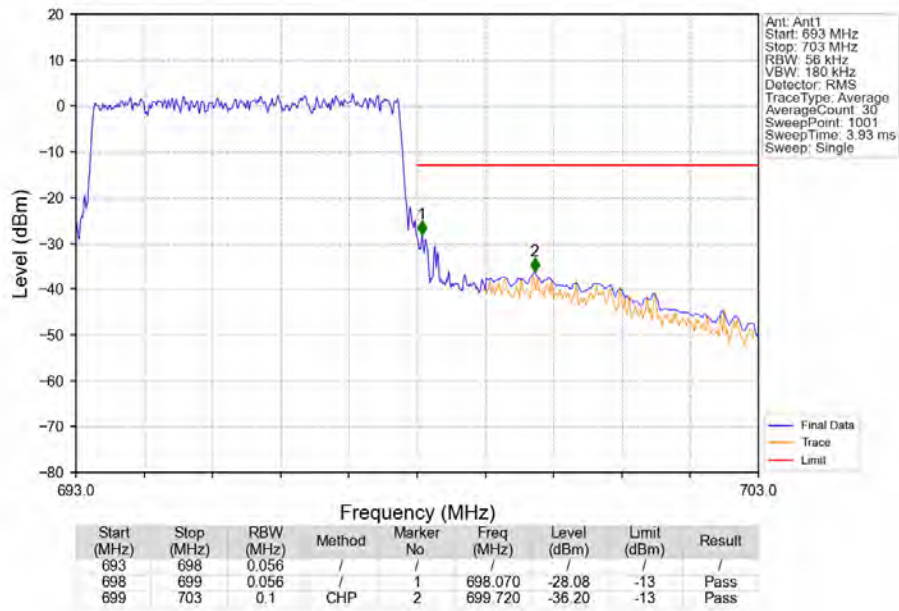
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



Band71 5MHz 16QAM HCH 695.5MHz RB 1 24 NTV



Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTV

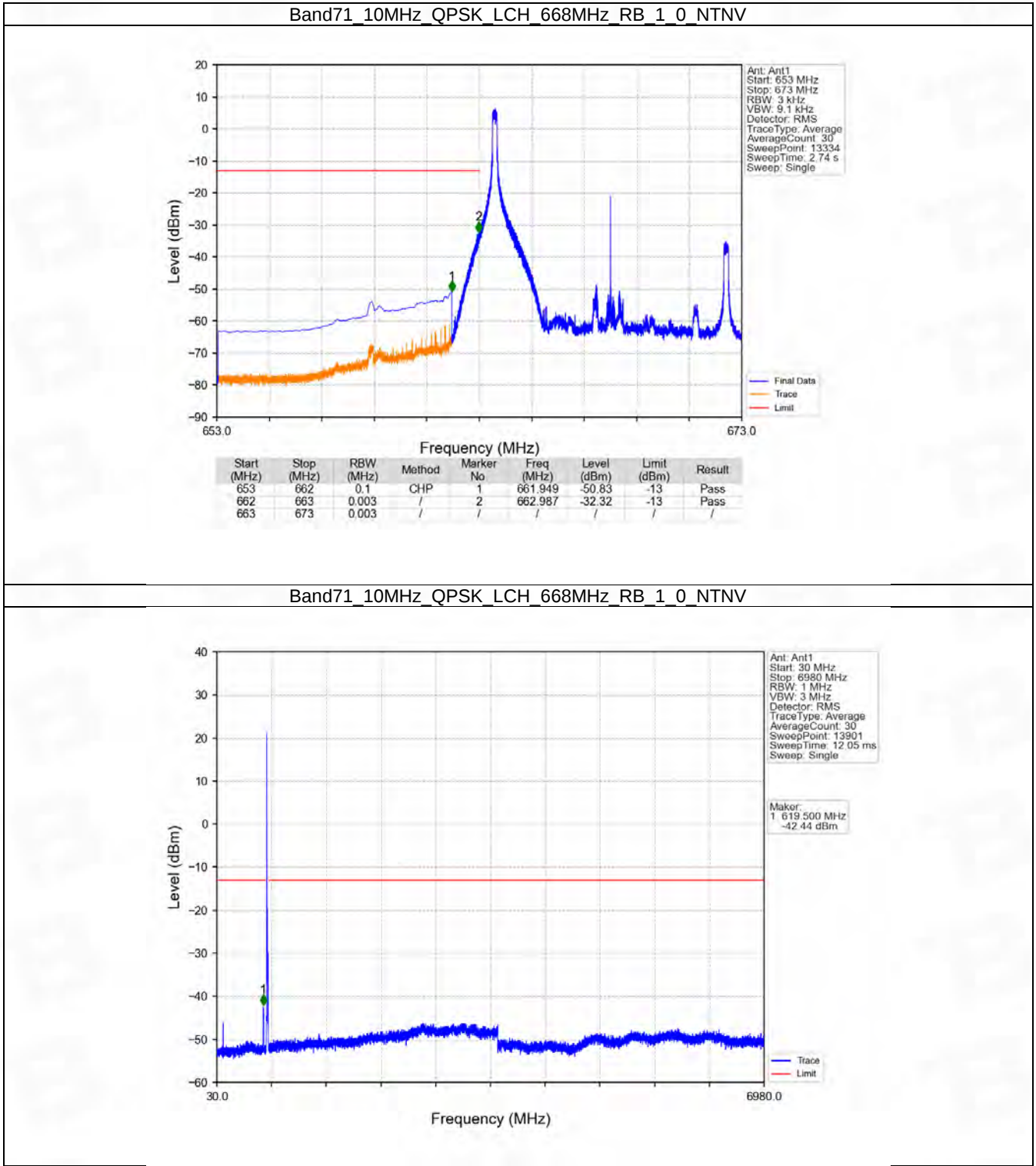


6.2 B71_10MHz

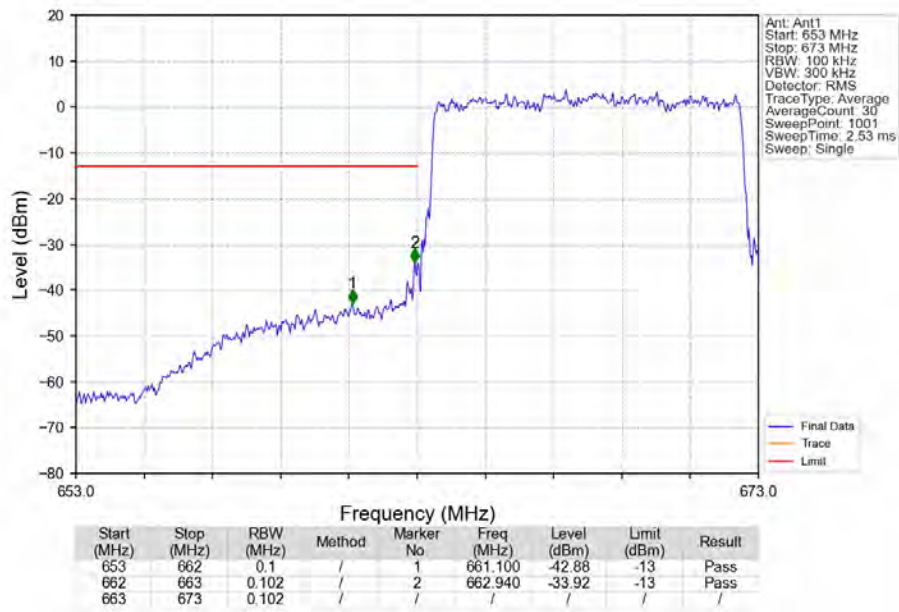
6.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTV						
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

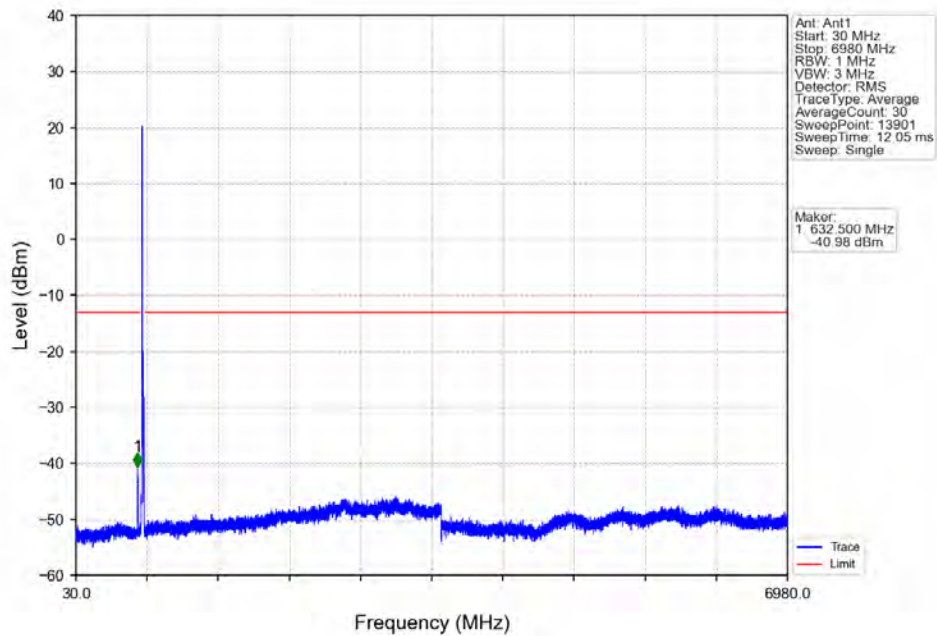
6.2.2 Test Graph



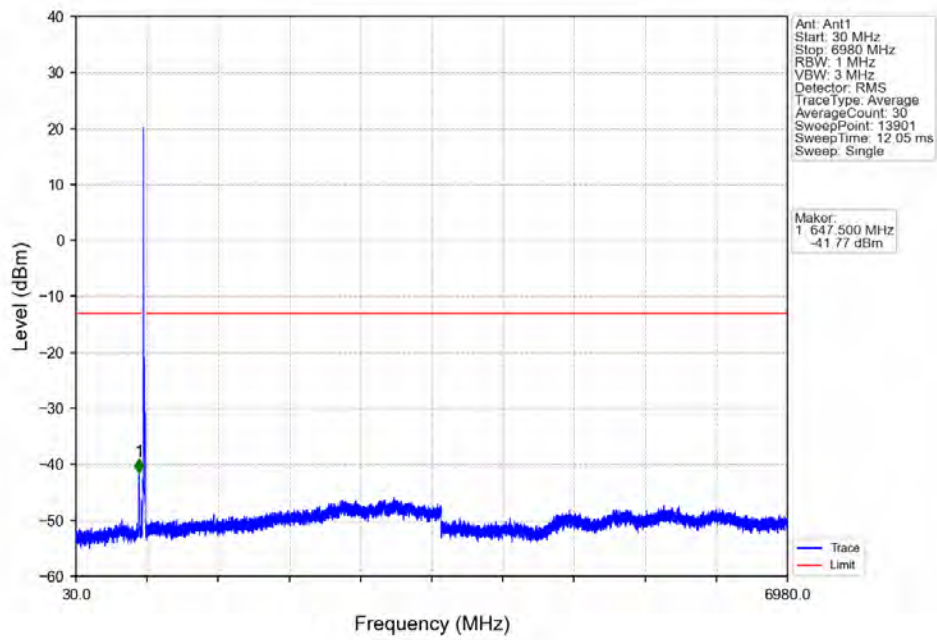
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



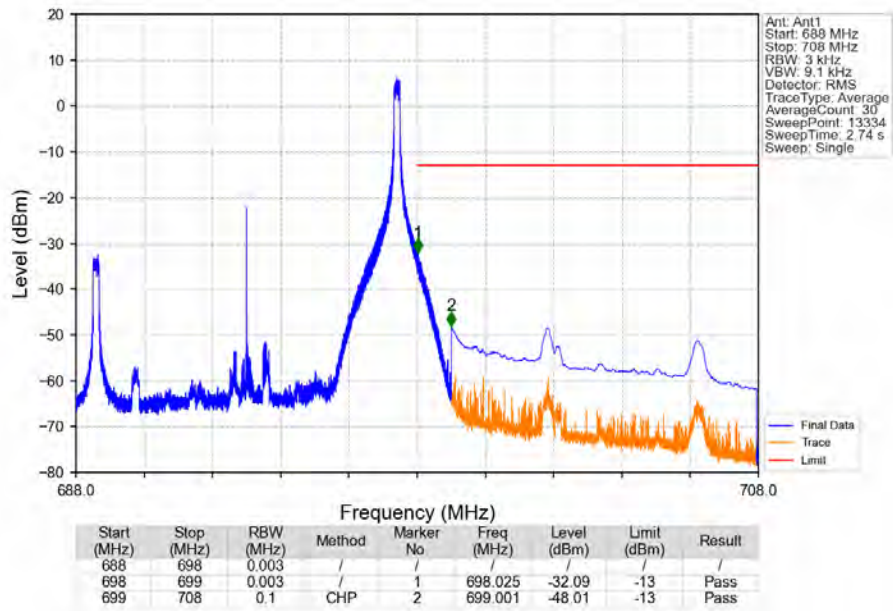
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTNV



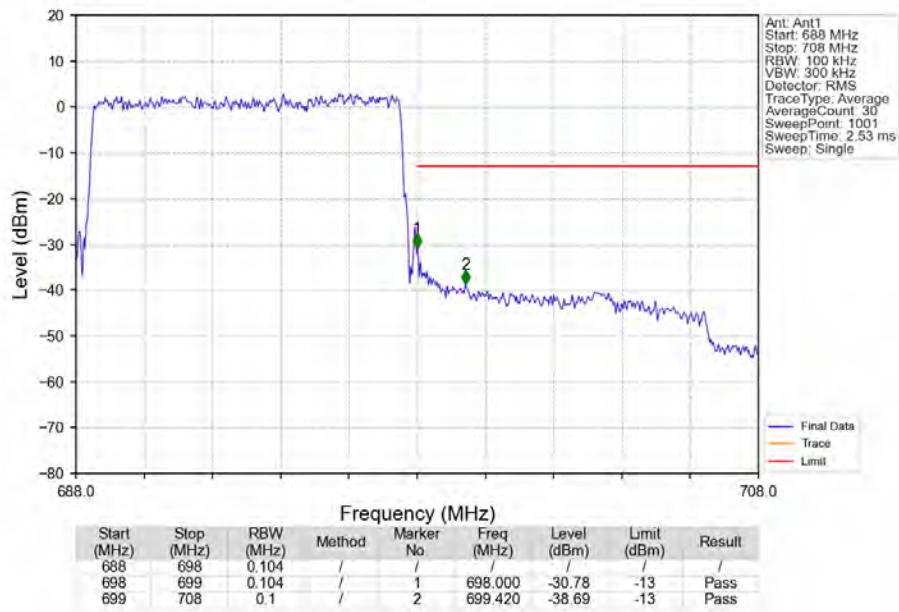
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV



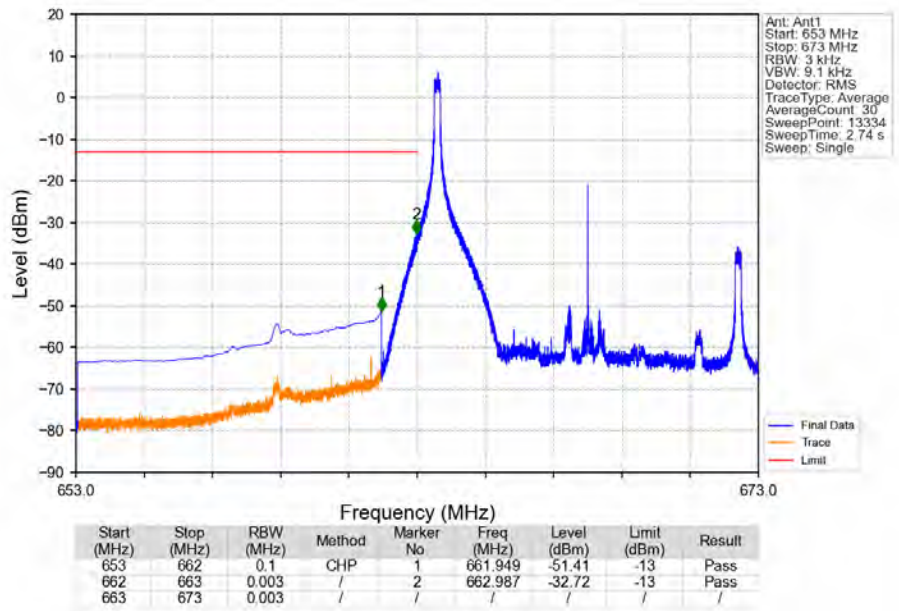
Band71 10MHz QPSK HCH 693MHz RB 1 49 NTNV



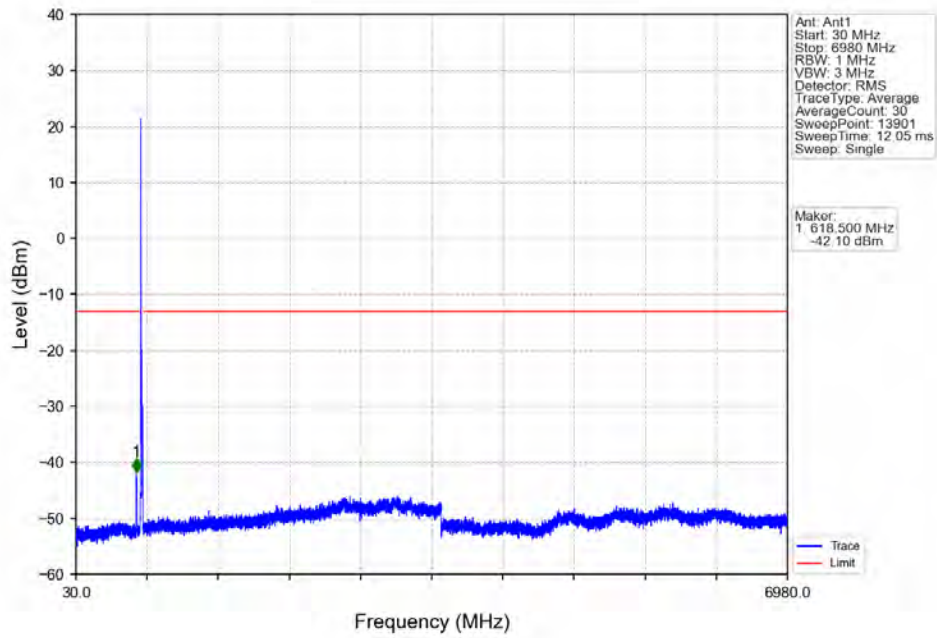
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



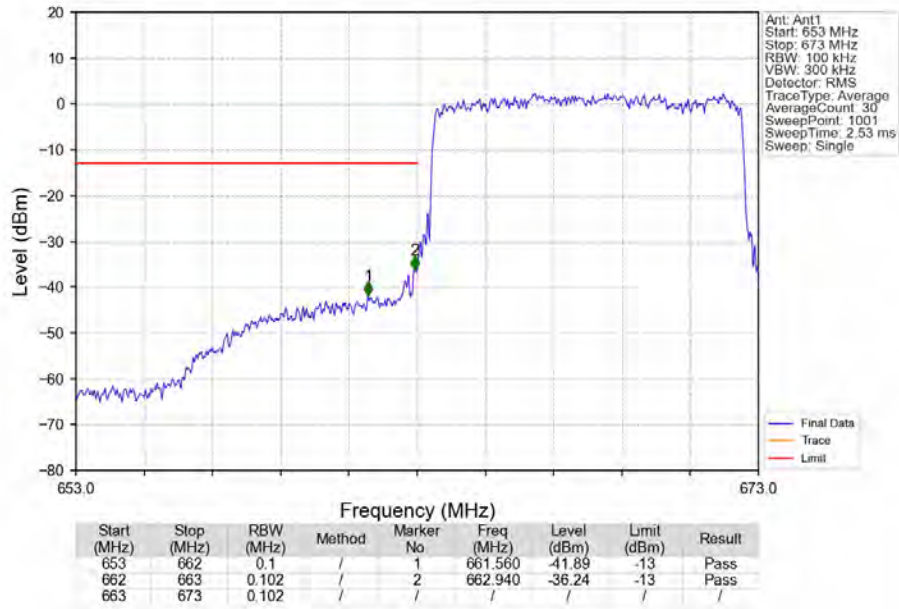
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



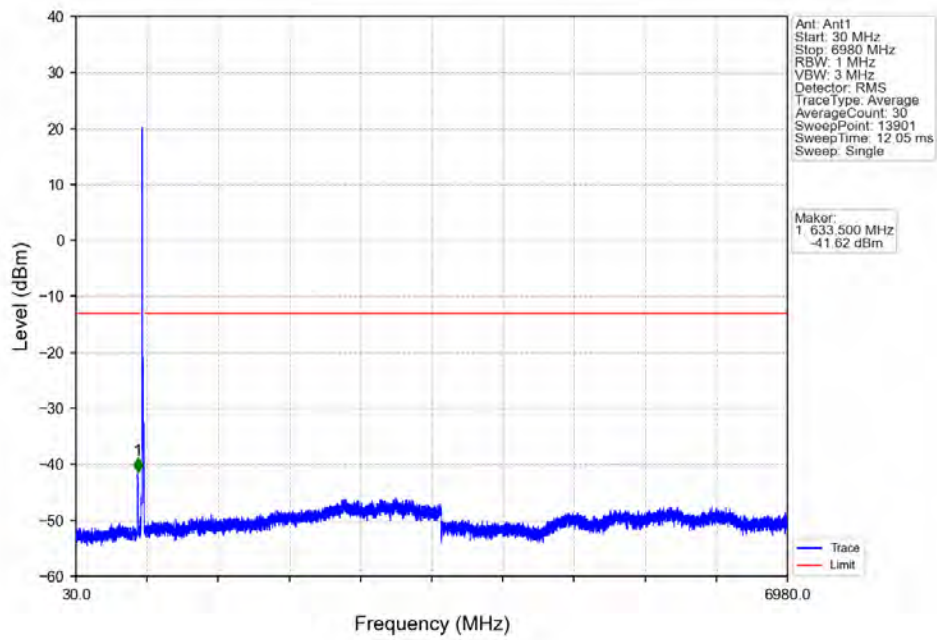
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



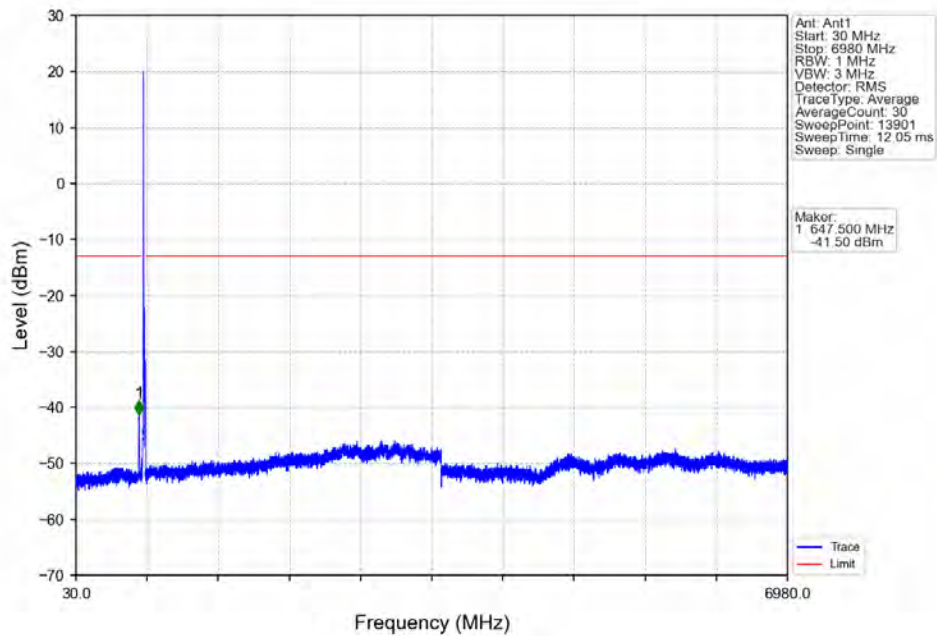
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



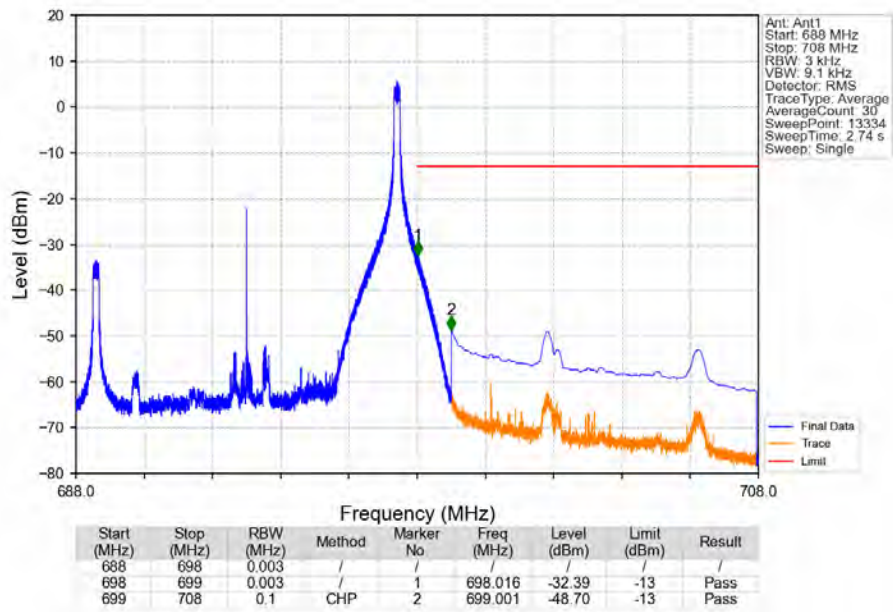
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



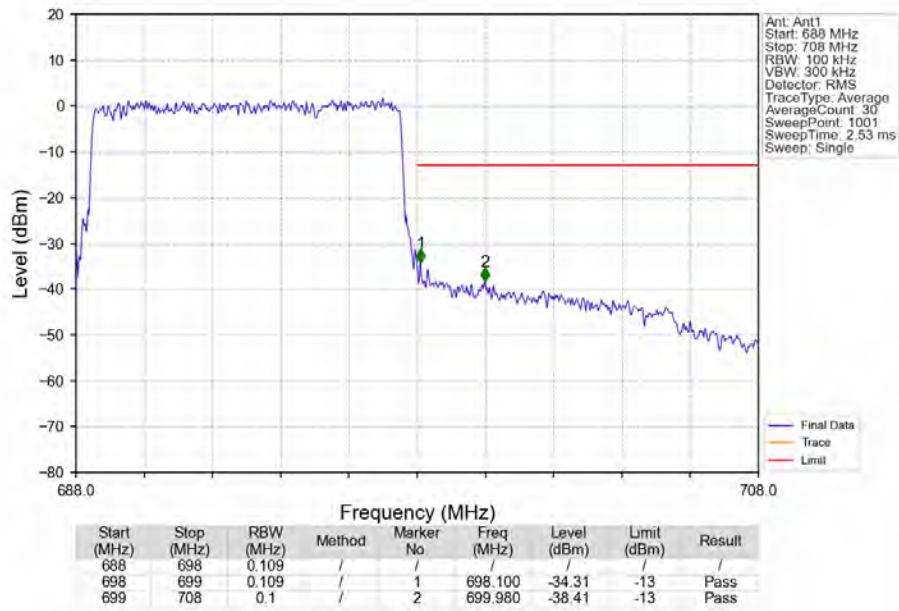
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTNV



Band71 10MHz 16QAM HCH 693MHz RB 1 49 NTNV



Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTNV

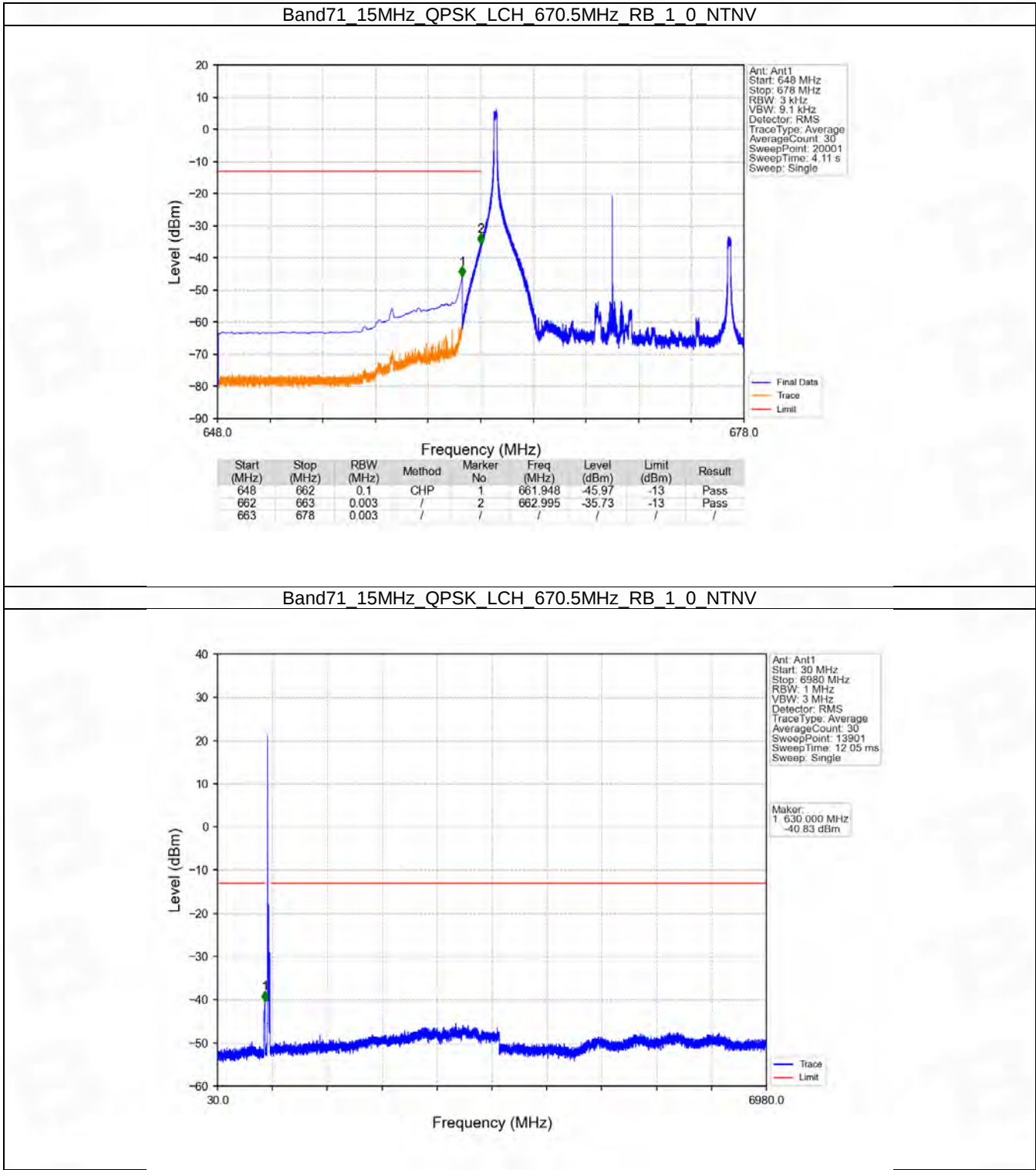


6.3 B71_15MHz

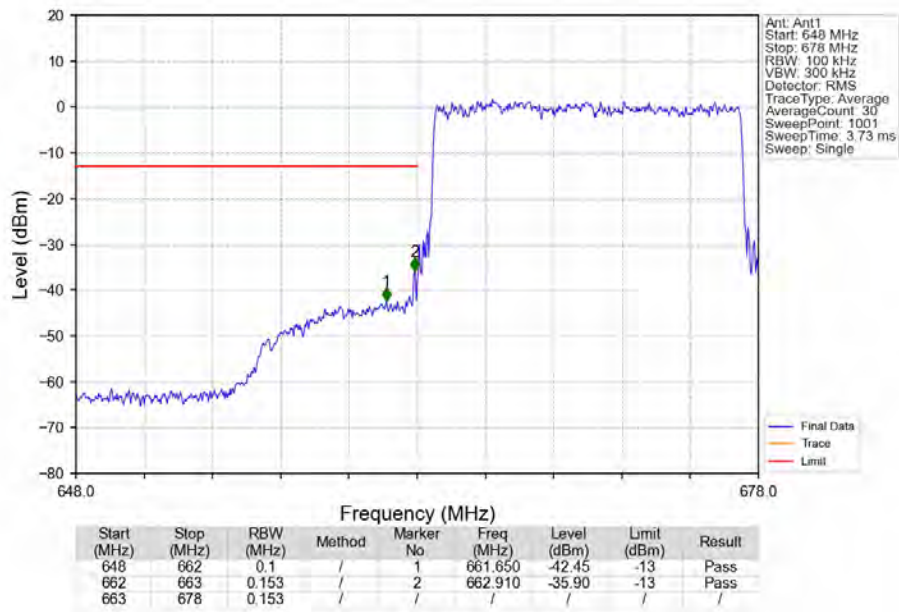
6.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTV						
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

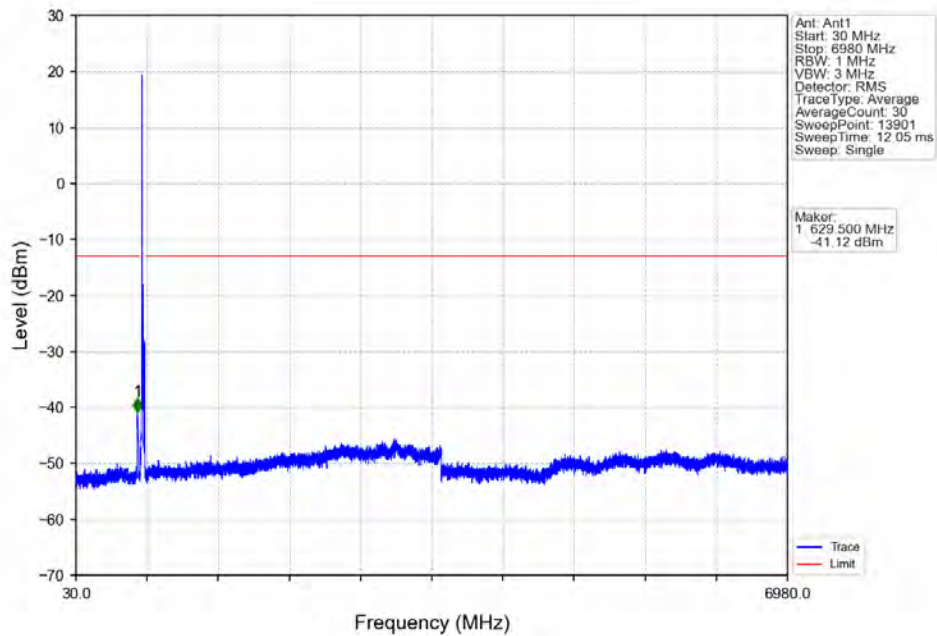
6.3.2 Test Graph



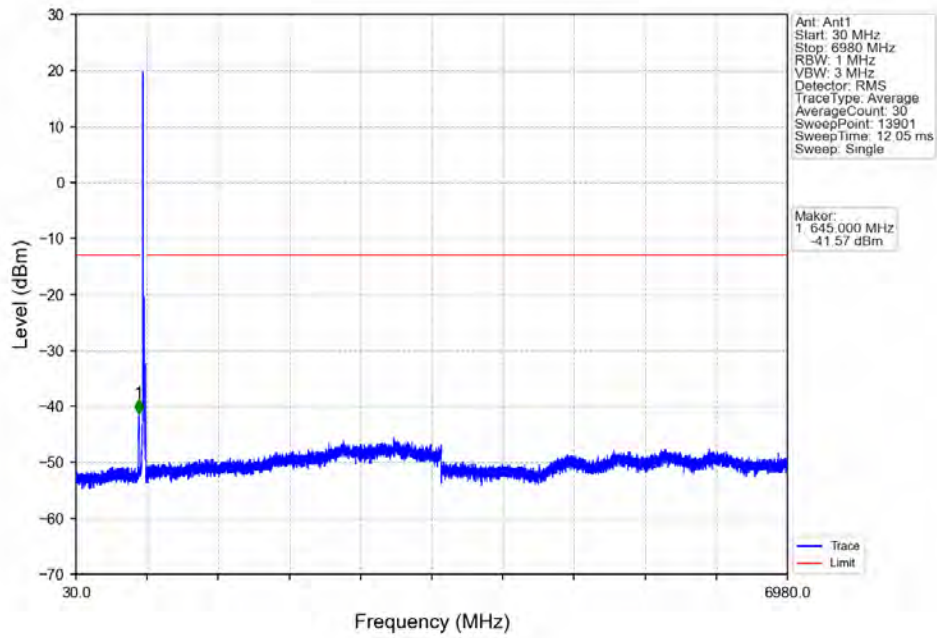
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



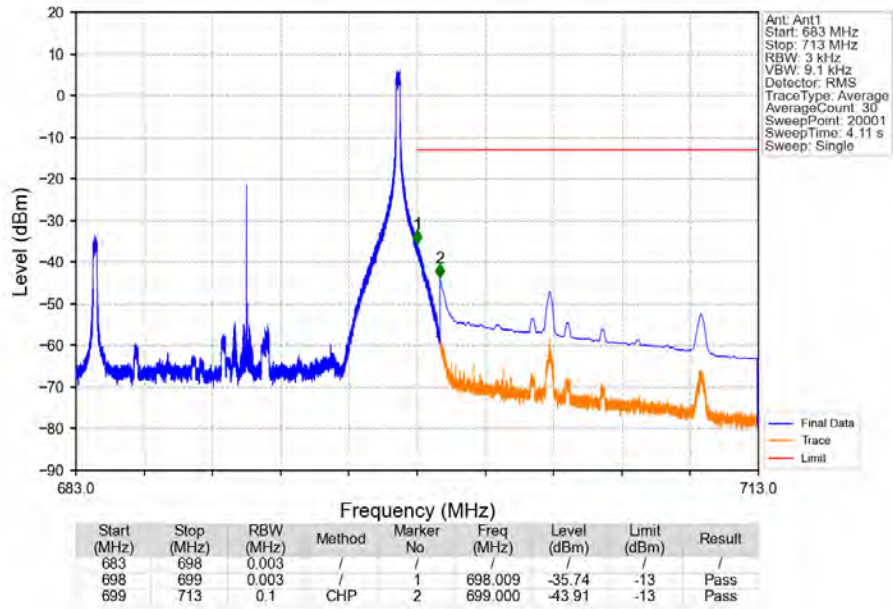
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



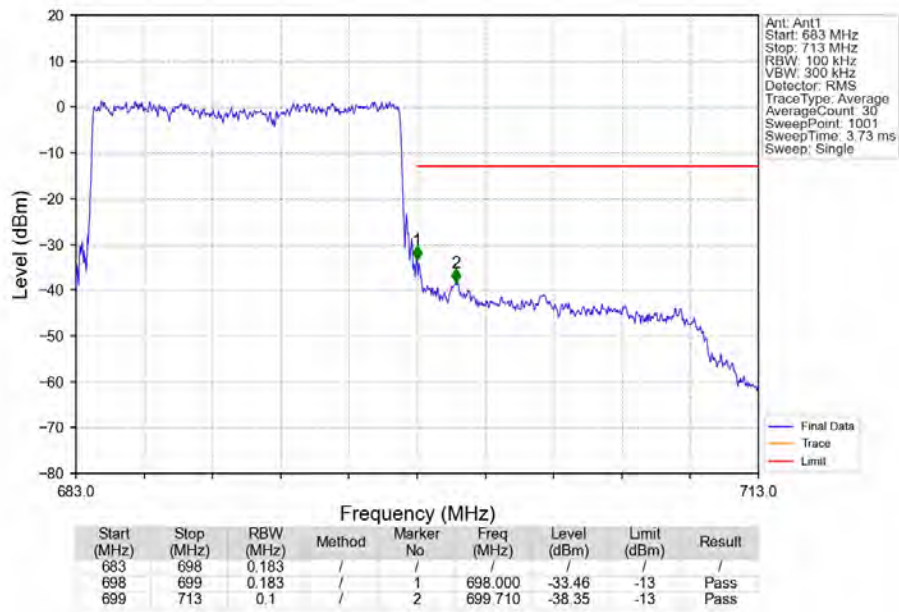
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTNV



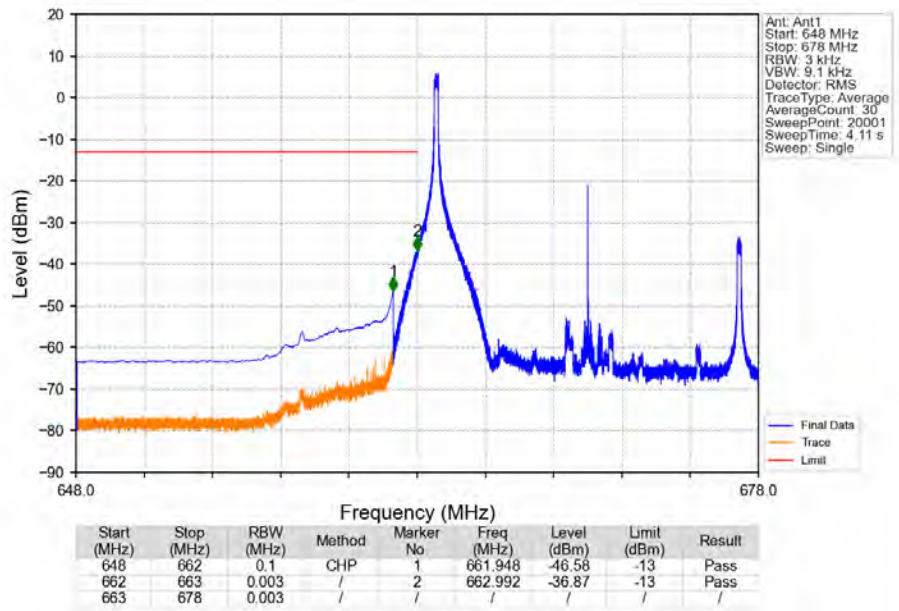
Band71 15MHz QPSK HCH 690.5MHz RB 1 74 NTNV



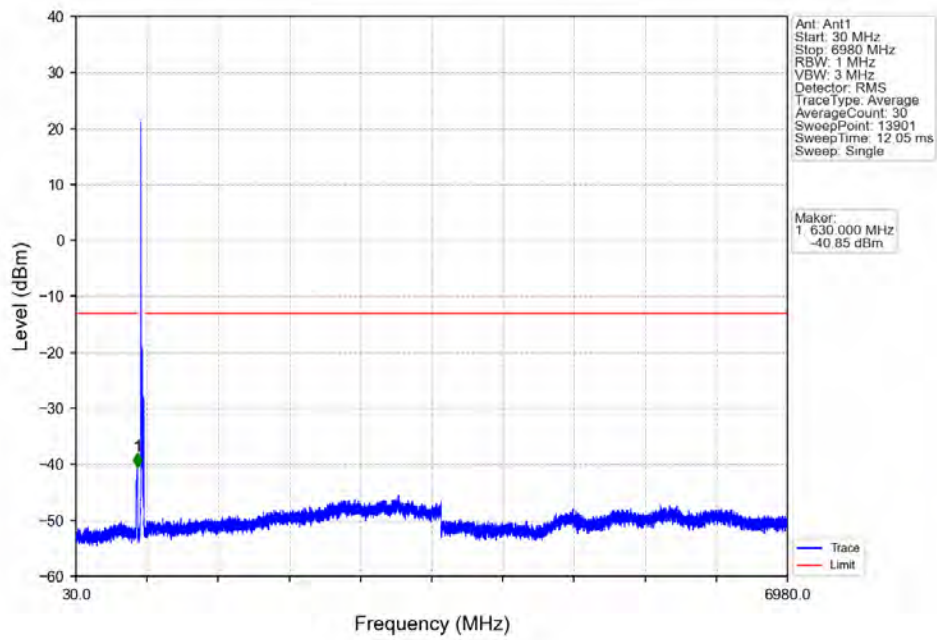
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTV



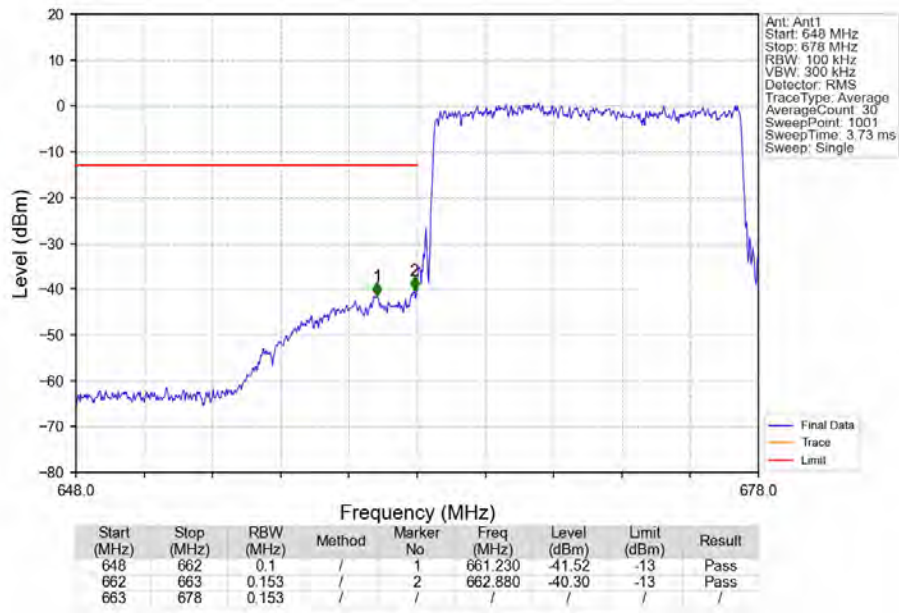
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTV



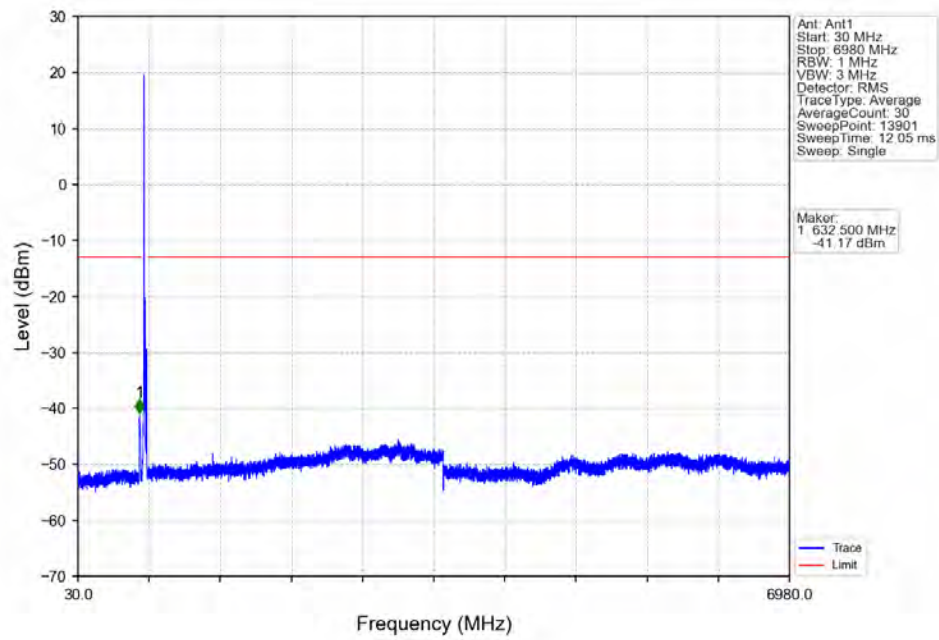
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTV



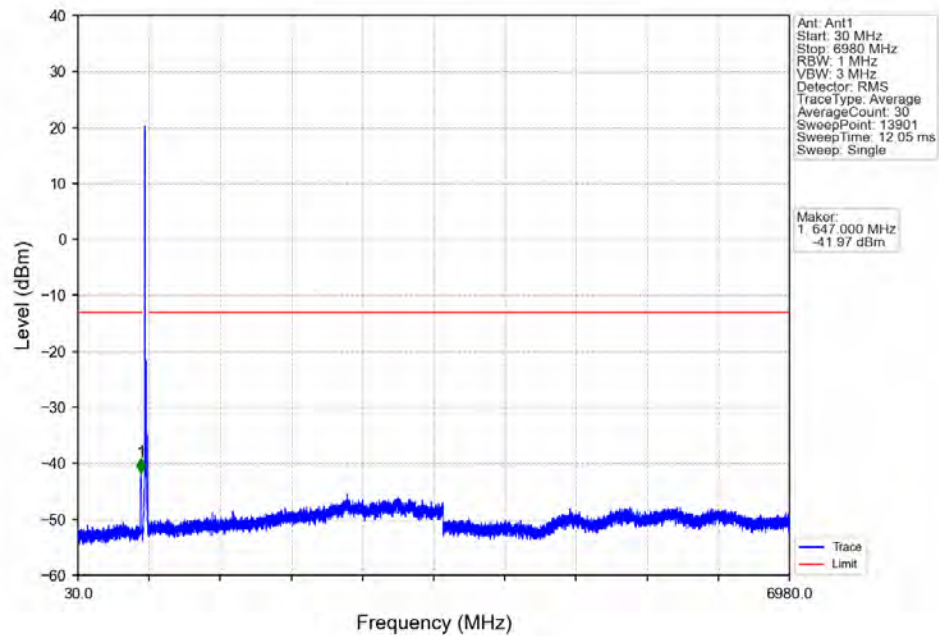
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTV



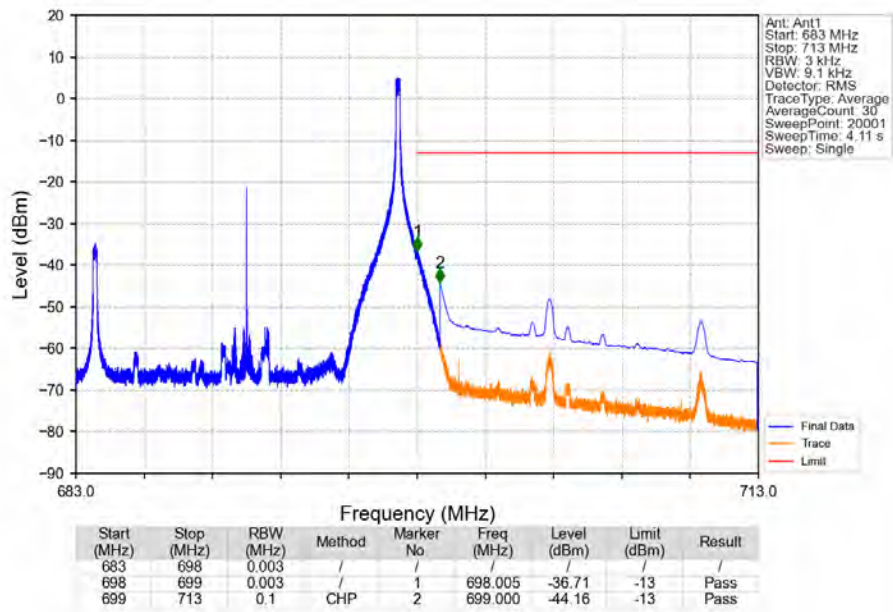
Band71 15MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



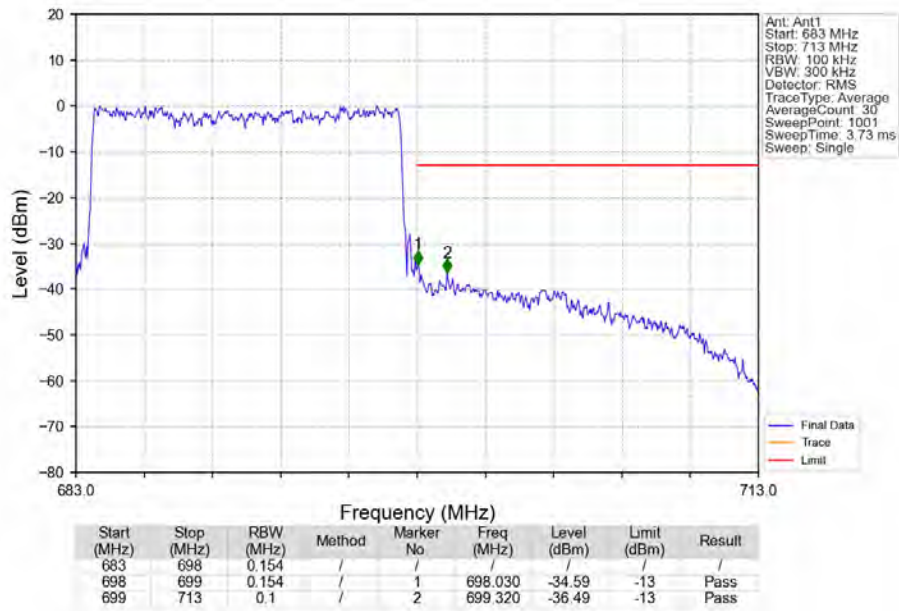
Band71 15MHz 16QAM HCH 690.5MHz RB 1 0 NTNV



Band71 15MHz 16QAM HCH 690.5MHz RB 1 74 NTNV



Band71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTNV

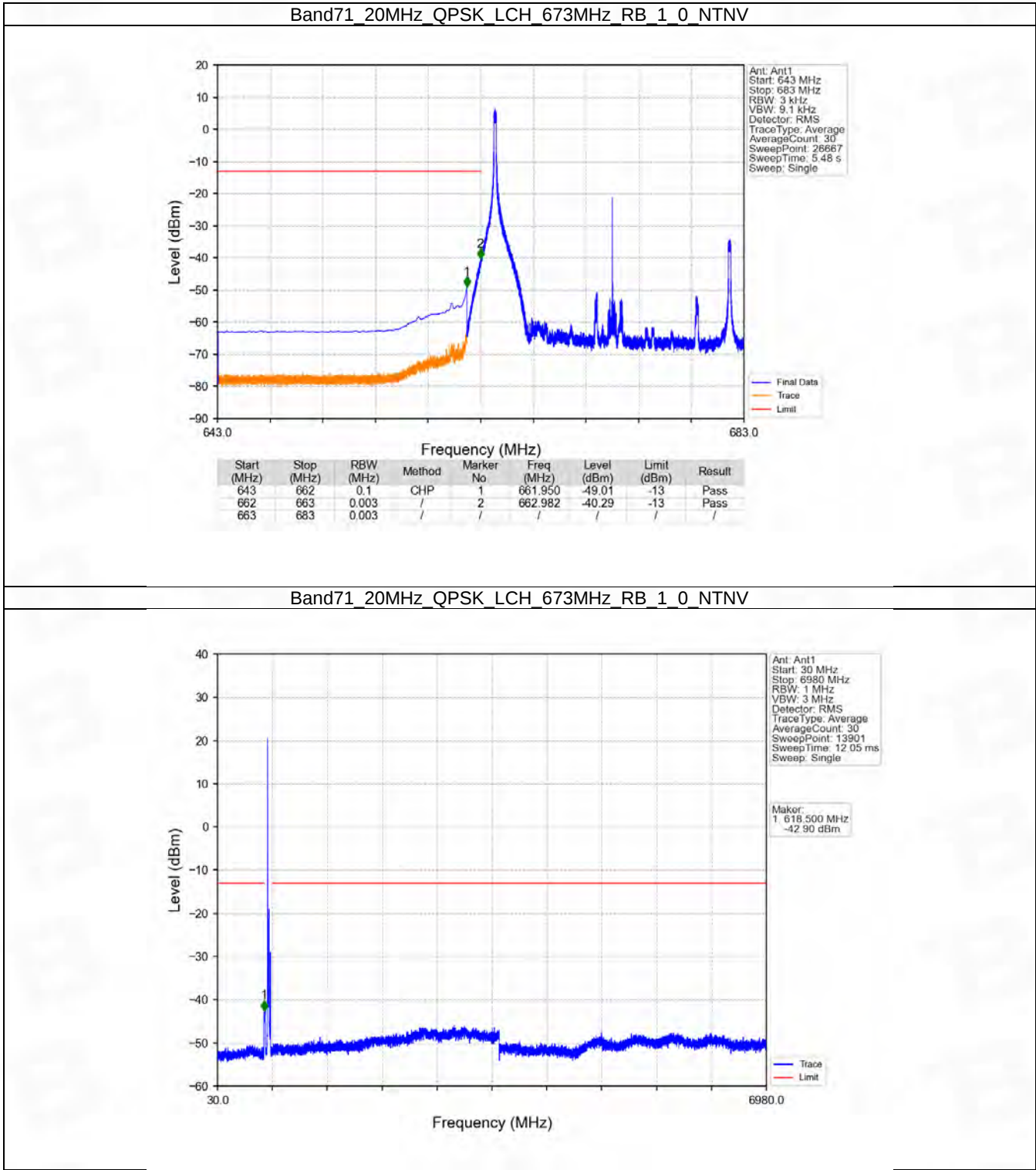


6.4 B71_20MHz

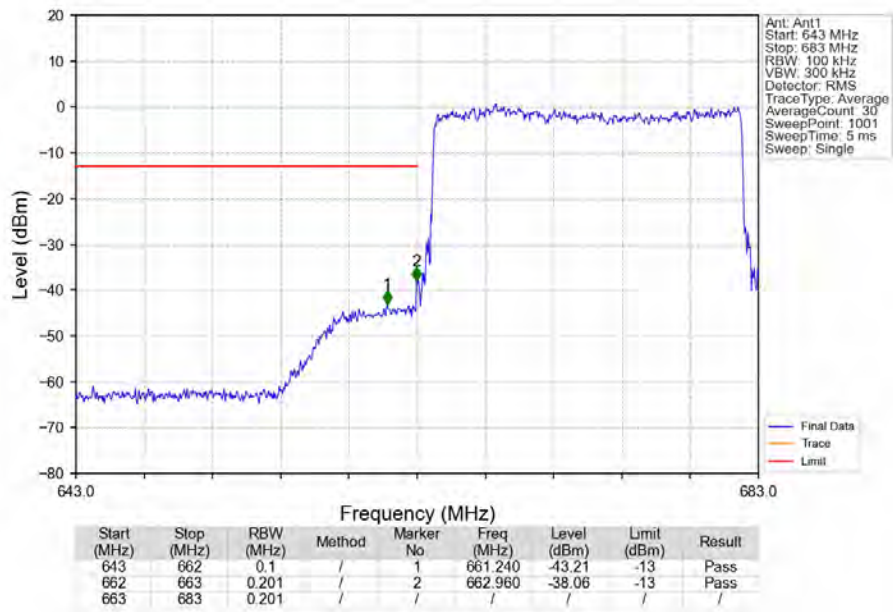
6.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTV						
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

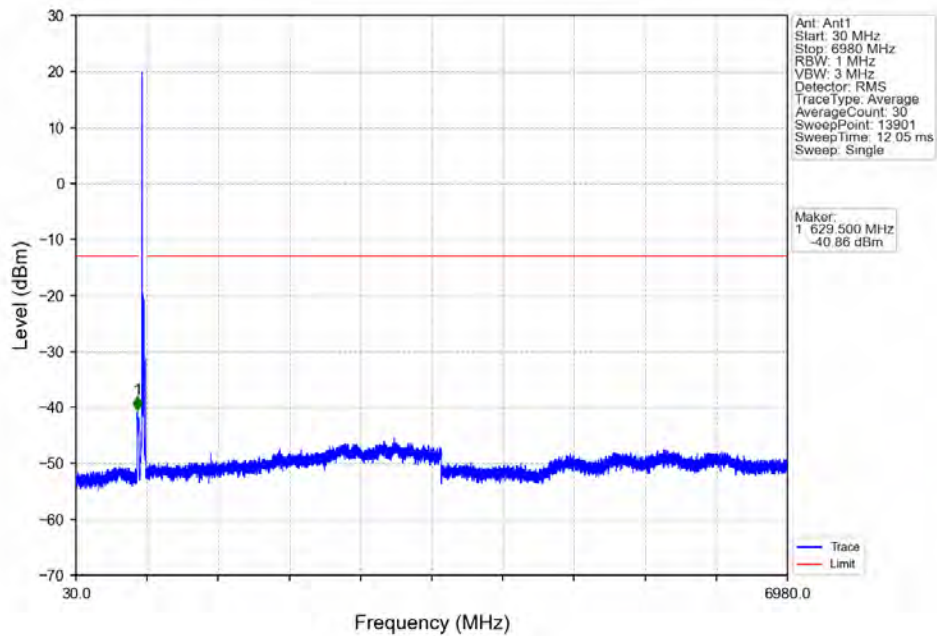
6.4.2 Test Graph



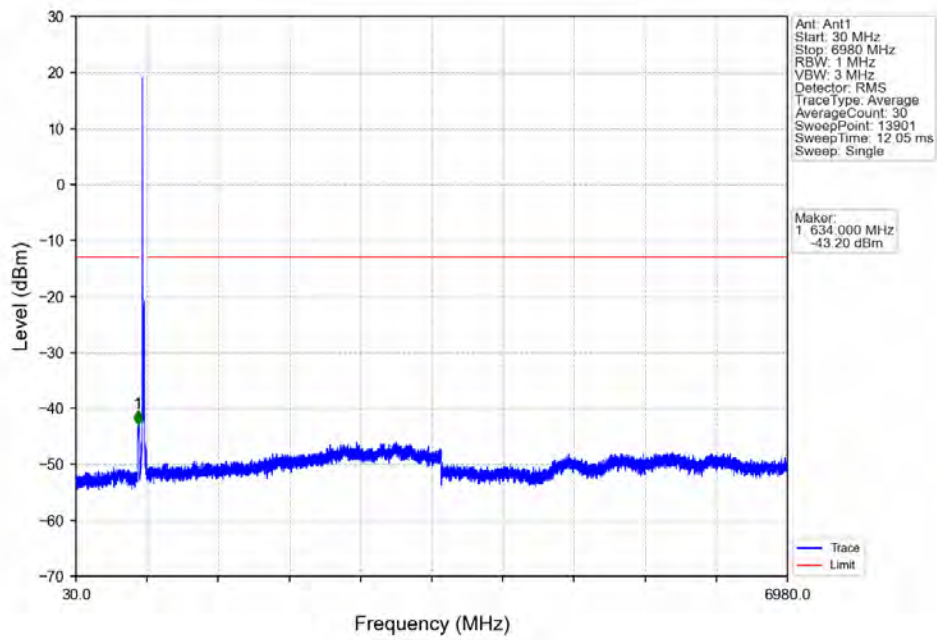
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



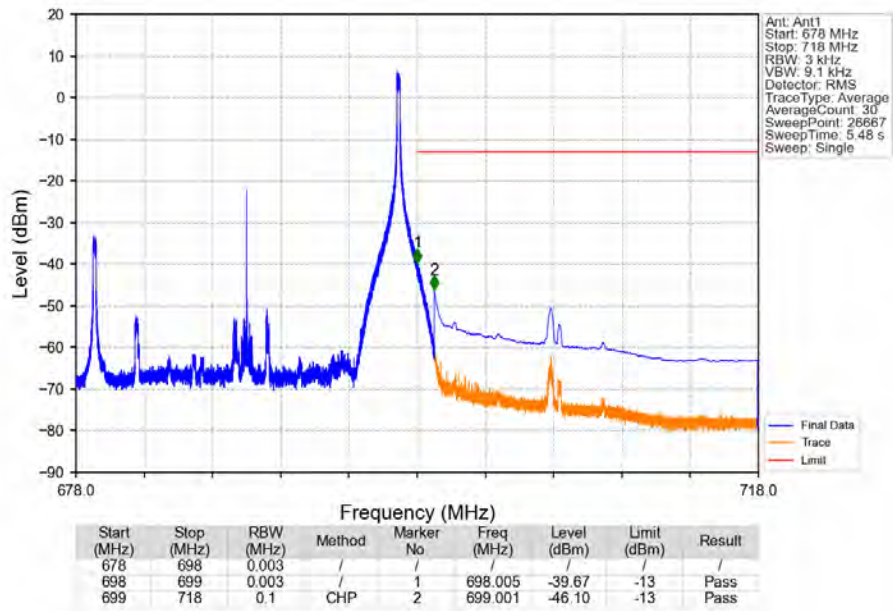
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



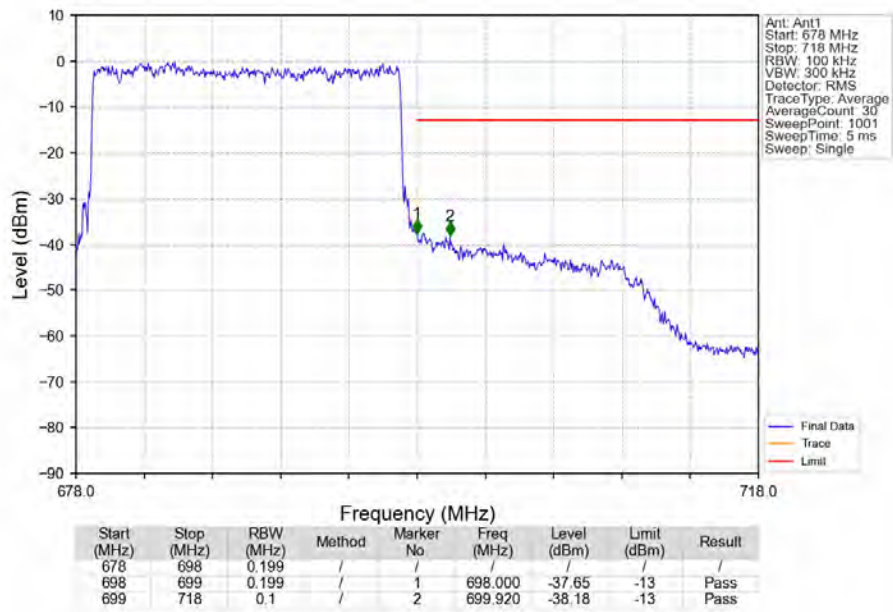
Band71 20MHz QPSK HCH 688MHz RB 1 0 NTNV



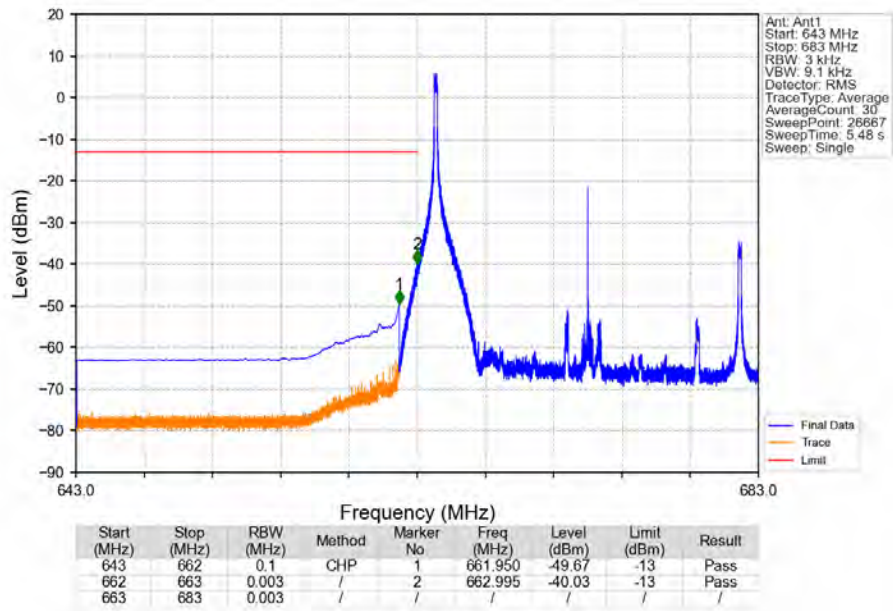
Band71 20MHz QPSK HCH 688MHz RB 1 99 NTNV



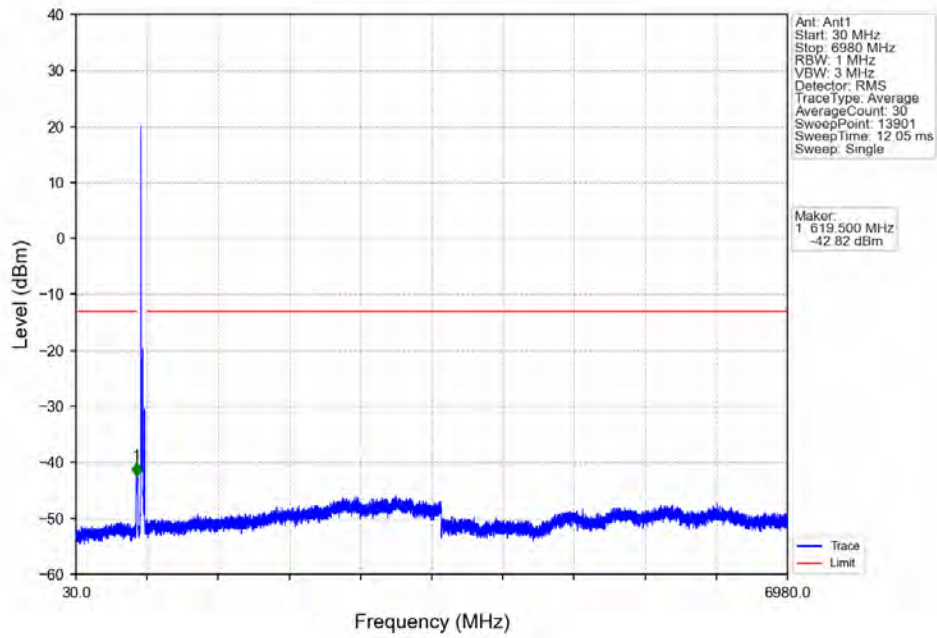
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



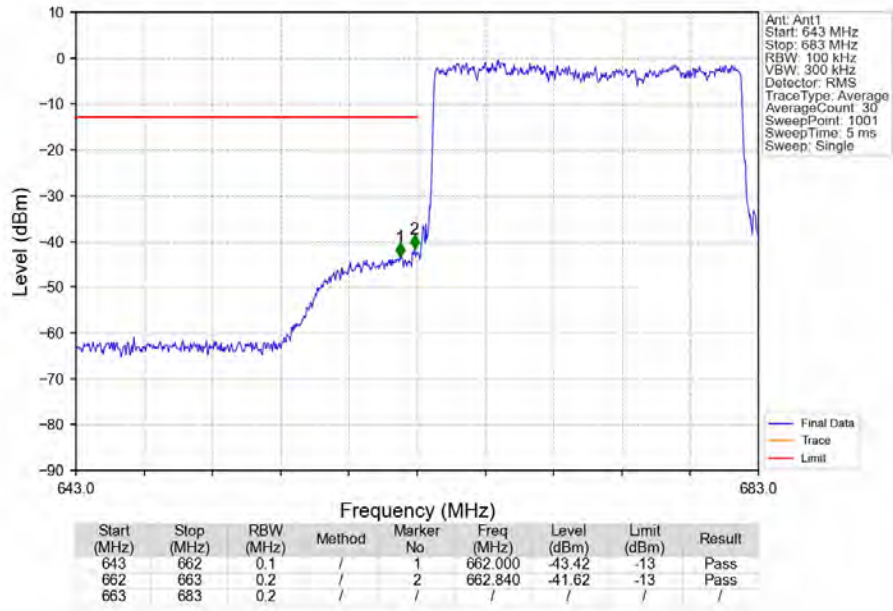
Band71 20MHz 16QAM LCH 673MHz RB 1 0 NTNV



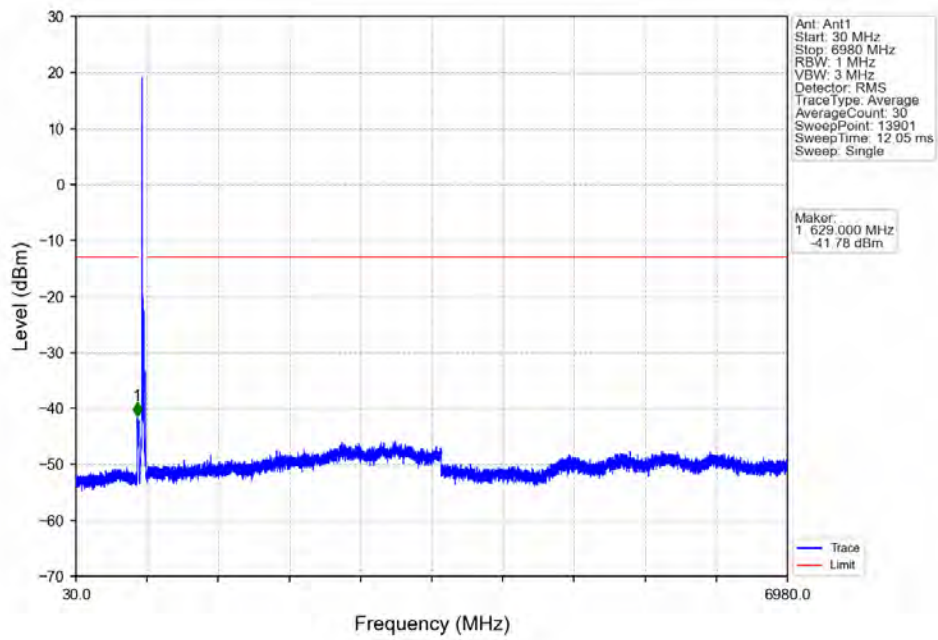
Band71 20MHz 16QAM LCH 673MHz RB 1 0 NTNV



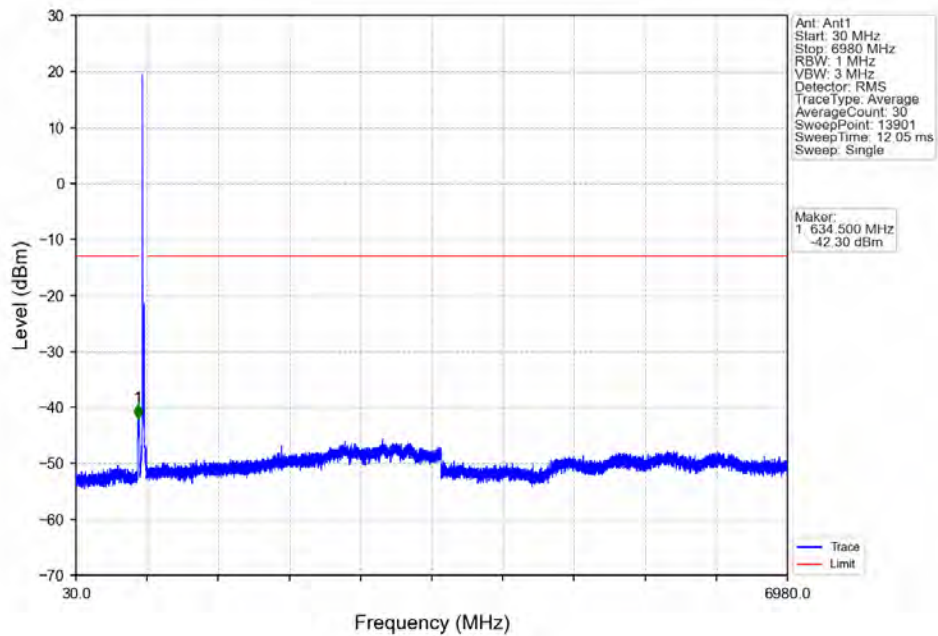
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



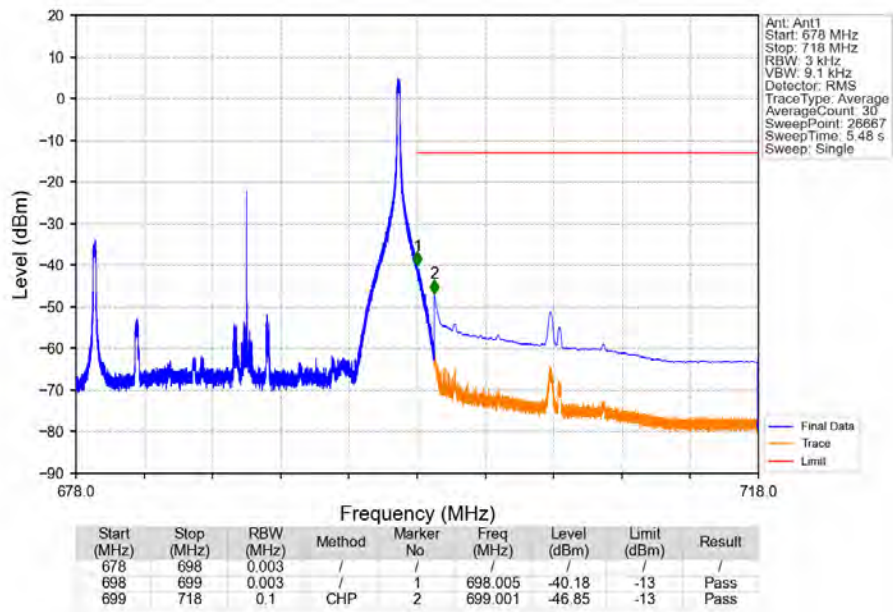
Band71 20MHz 16QAM MCH 683MHz RB 1 0 NTNV



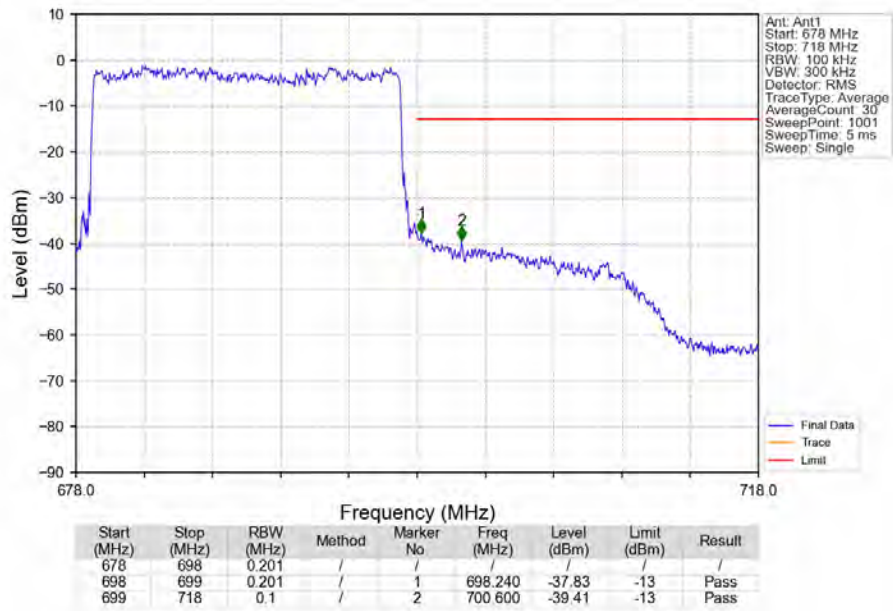
Band71 20MHz 16QAM HCH 688MHz RB 1 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 1 99 NTV



Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
71	5	665.5	695.5	0.1156	0.0780	ppm	4M57G7D	27N	20.63
71	5	665.5	695.5	0.0927	0.0210	ppm	4M59W7D	27N	19.67
71	10	668	693	0.1189	0.0162	ppm	9M14G7D	27N	20.75
71	10	668	693	0.0993	0.0150	ppm	9M12W7D	27N	19.97
71	15	670.5	690.5	0.1159	0.0168	ppm	13M7G7D	27N	20.64
71	15	670.5	690.5	0.0899	0.0170	ppm	13M7W7D	27N	19.54
71	20	673	688	0.1151	0.0158	ppm	18M2G7D	27N	20.61
71	20	673	688	0.0991	0.0157	ppm	18M1W7D	27N	19.96

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
71	5	665.5	695.5	0.0267	0.0780	ppm	4M57G7D	27N	14.26
71	5	665.5	695.5	0.0214	0.0210	ppm	4M59W7D	27N	13.30
71	10	668	693	0.0274	0.0162	ppm	9M14G7D	27N	14.38
71	10	668	693	0.0229	0.0150	ppm	9M12W7D	27N	13.60
71	15	670.5	690.5	0.0267	0.0168	ppm	13M7G7D	27N	14.27
71	15	670.5	690.5	0.0207	0.0170	ppm	13M7W7D	27N	13.17
71	20	673	688	0.0265	0.0158	ppm	18M2G7D	27N	14.24
71	20	673	688	0.0229	0.0157	ppm	18M1W7D	27N	13.59