

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	22.75	0.2	20.8	<=34.77	Pass
			13	22.94	0.2	20.99	<=34.77	Pass
			24	22.85	0.2	20.9	<=34.77	Pass
		12	0	21.82	0.2	19.87	<=34.77	Pass
			6	21.92	0.2	19.97	<=34.77	Pass
			13	21.86	0.2	19.91	<=34.77	Pass
		25	0	21.86	0.2	19.91	<=34.77	Pass
	680.5	1	0	22.72	0.2	20.77	<=34.77	Pass
			13	22.89	0.2	20.94	<=34.77	Pass
			24	22.72	0.2	20.77	<=34.77	Pass
		12	0	21.79	0.2	19.84	<=34.77	Pass
			6	21.84	0.2	19.89	<=34.77	Pass
			13	21.73	0.2	19.78	<=34.77	Pass
		25	0	21.76	0.2	19.81	<=34.77	Pass
	695.5	1	0	22.74	0.2	20.79	<=34.77	Pass
			13	22.96	0.2	21.01	<=34.77	Pass
			24	22.94	0.2	20.99	<=34.77	Pass
		12	0	21.81	0.2	19.86	<=34.77	Pass
			6	21.88	0.2	19.93	<=34.77	Pass
			13	21.83	0.2	19.88	<=34.77	Pass
		25	0	21.81	0.2	19.86	<=34.77	Pass
16QAM	665.5	1	0	21.94	0.2	19.99	<=34.77	Pass
			13	22.09	0.2	20.14	<=34.77	Pass
			24	22.03	0.2	20.08	<=34.77	Pass
		12	0	20.8	0.2	18.85	<=34.77	Pass
			6	20.93	0.2	18.98	<=34.77	Pass
			13	20.86	0.2	18.91	<=34.77	Pass
		25	0	20.83	0.2	18.88	<=34.77	Pass
	680.5	1	0	21.54	0.2	19.59	<=34.77	Pass
			13	21.64	0.2	19.69	<=34.77	Pass
			24	21.51	0.2	19.56	<=34.77	Pass
		12	0	20.75	0.2	18.8	<=34.77	Pass
			6	20.79	0.2	18.84	<=34.77	Pass
			13	20.73	0.2	18.78	<=34.77	Pass
		25	0	20.75	0.2	18.8	<=34.77	Pass
	695.5	1	0	21.81	0.2	19.86	<=34.77	Pass
			13	21.9	0.2	19.95	<=34.77	Pass
			24	21.88	0.2	19.93	<=34.77	Pass
		12	0	20.75	0.2	18.8	<=34.77	Pass
			6	20.83	0.2	18.88	<=34.77	Pass
			13	20.76	0.2	18.81	<=34.77	Pass
		25	0	20.83	0.2	18.88	<=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	22.84	0.2	20.89	<=34.77	Pass
			25	23.16	0.2	21.21	<=34.77	Pass
			49	22.89	0.2	20.94	<=34.77	Pass
		25	0	21.91	0.2	19.96	<=34.77	Pass
			13	21.98	0.2	20.03	<=34.77	Pass
			25	21.98	0.2	20.03	<=34.77	Pass
		50	0	21.96	0.2	20.01	<=34.77	Pass
	680.5	1	0	22.74	0.2	20.79	<=34.77	Pass
			25	23.06	0.2	21.11	<=34.77	Pass
			49	22.76	0.2	20.81	<=34.77	Pass
		25	0	21.90	0.2	19.95	<=34.77	Pass
			13	21.86	0.2	19.91	<=34.77	Pass
			25	21.79	0.2	19.84	<=34.77	Pass
	50	0	21.88	0.2	19.93	<=34.77	Pass	
	693	1	0	22.72	0.2	20.77	<=34.77	Pass
			25	23.04	0.2	21.09	<=34.77	Pass
			49	23.04	0.2	21.09	<=34.77	Pass
		25	0	21.86	0.2	19.91	<=34.77	Pass
			13	21.93	0.2	19.98	<=34.77	Pass
			25	21.81	0.2	19.86	<=34.77	Pass
		50	0	21.88	0.2	19.93	<=34.77	Pass
16QAM	668	1	0	21.78	0.2	19.83	<=34.77	Pass
			25	22.10	0.2	20.15	<=34.77	Pass
			49	21.91	0.2	19.96	<=34.77	Pass
		25	0	20.95	0.2	19	<=34.77	Pass
			13	21.02	0.2	19.07	<=34.77	Pass
			25	21.04	0.2	19.09	<=34.77	Pass
		50	0	21.00	0.2	19.05	<=34.77	Pass
	680.5	1	0	21.91	0.2	19.96	<=34.77	Pass
			25	22.05	0.2	20.1	<=34.77	Pass
			49	21.88	0.2	19.93	<=34.77	Pass
		25	0	20.87	0.2	18.92	<=34.77	Pass
			13	20.84	0.2	18.89	<=34.77	Pass
			25	20.76	0.2	18.81	<=34.77	Pass
	50	0	20.80	0.2	18.85	<=34.77	Pass	
	693	1	0	22.25	0.2	20.3	<=34.77	Pass
			25	22.48	0.2	20.53	<=34.77	Pass
			49	22.27	0.2	20.32	<=34.77	Pass
		25	0	20.93	0.2	18.98	<=34.77	Pass
			13	20.95	0.2	19	<=34.77	Pass
			25	20.83	0.2	18.88	<=34.77	Pass
		50	0	20.88	0.2	18.93	<=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 / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	22.70	0.2	20.75	<=34.77	Pass
			38	22.95	0.2	21	<=34.77	Pass
			74	22.72	0.2	20.77	<=34.77	Pass
		36	0	22.01	0.2	20.06	<=34.77	Pass
			18	22.02	0.2	20.07	<=34.77	Pass
			39	22.01	0.2	20.06	<=34.77	Pass
		75	0	22.01	0.2	20.06	<=34.77	Pass
	680.5	1	0	22.63	0.2	20.68	<=34.77	Pass
			38	22.88	0.2	20.93	<=34.77	Pass
			74	22.60	0.2	20.65	<=34.77	Pass
		36	0	21.89	0.2	19.94	<=34.77	Pass
			18	21.96	0.2	20.01	<=34.77	Pass
			39	21.90	0.2	19.95	<=34.77	Pass
		75	0	21.90	0.2	19.95	<=34.77	Pass
	690.5	1	0	22.58	0.2	20.63	<=34.77	Pass
			38	22.86	0.2	20.91	<=34.77	Pass
			74	22.87	0.2	20.92	<=34.77	Pass
		36	0	21.83	0.2	19.88	<=34.77	Pass
			18	21.90	0.2	19.95	<=34.77	Pass
			39	21.95	0.2	20	<=34.77	Pass
		75	0	21.91	0.2	19.96	<=34.77	Pass
16QAM	670.5	1	0	21.96	0.2	20.01	<=34.77	Pass
			38	22.29	0.2	20.34	<=34.77	Pass
			74	22.01	0.2	20.06	<=34.77	Pass
		36	0	20.90	0.2	18.95	<=34.77	Pass
			18	20.92	0.2	18.97	<=34.77	Pass
			39	20.89	0.2	18.94	<=34.77	Pass
		75	0	20.94	0.2	18.99	<=34.77	Pass
	680.5	1	0	21.79	0.2	19.84	<=34.77	Pass
			38	21.94	0.2	19.99	<=34.77	Pass
			74	21.76	0.2	19.81	<=34.77	Pass
		36	0	20.80	0.2	18.85	<=34.77	Pass
			18	20.86	0.2	18.91	<=34.77	Pass
			39	20.79	0.2	18.84	<=34.77	Pass
		75	0	20.83	0.2	18.88	<=34.77	Pass
	690.5	1	0	21.95	0.2	20	<=34.77	Pass
			38	22.33	0.2	20.38	<=34.77	Pass
			74	22.12	0.2	20.17	<=34.77	Pass
		36	0	20.79	0.2	18.84	<=34.77	Pass
			18	20.86	0.2	18.91	<=34.77	Pass
			39	20.88	0.2	18.93	<=34.77	Pass
		75	0	20.88	0.2	18.93	<=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 / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	22.49	0.2	20.54	<=34.77	Pass
			50	23.02	0.2	21.07	<=34.77	Pass
			99	22.58	0.2	20.63	<=34.77	Pass
		50	0	21.93	0.2	19.98	<=34.77	Pass
			25	21.87	0.2	19.92	<=34.77	Pass
			50	21.83	0.2	19.88	<=34.77	Pass
		100	0	21.87	0.2	19.92	<=34.77	Pass
	683	1	0	22.44	0.2	20.49	<=34.77	Pass
			50	22.94	0.2	20.99	<=34.77	Pass
			99	22.55	0.2	20.6	<=34.77	Pass
		50	0	21.87	0.2	19.92	<=34.77	Pass
			25	21.76	0.2	19.81	<=34.77	Pass
			50	21.84	0.2	19.89	<=34.77	Pass
		100	0	21.83	0.2	19.88	<=34.77	Pass
	688	1	0	22.40	0.2	20.45	<=34.77	Pass
			50	22.86	0.2	20.91	<=34.77	Pass
			99	22.65	0.2	20.7	<=34.77	Pass
		50	0	21.79	0.2	19.84	<=34.77	Pass
			25	21.79	0.2	19.84	<=34.77	Pass
			50	21.80	0.2	19.85	<=34.77	Pass
		100	0	21.81	0.2	19.86	<=34.77	Pass
16QAM	673	1	0	21.71	0.2	19.76	<=34.77	Pass
			50	22.32	0.2	20.37	<=34.77	Pass
			99	21.68	0.2	19.73	<=34.77	Pass
		50	0	20.92	0.2	18.97	<=34.77	Pass
			25	20.88	0.2	18.93	<=34.77	Pass
			50	20.82	0.2	18.87	<=34.77	Pass
		100	0	20.89	0.2	18.94	<=34.77	Pass
	683	1	0	22.02	0.2	20.07	<=34.77	Pass
			50	22.30	0.2	20.35	<=34.77	Pass
			99	22.07	0.2	20.12	<=34.77	Pass
		50	0	20.87	0.2	18.92	<=34.77	Pass
			25	20.73	0.2	18.78	<=34.77	Pass
			50	20.79	0.2	18.84	<=34.77	Pass
		100	0	20.86	0.2	18.91	<=34.77	Pass
	688	1	0	21.50	0.2	19.55	<=34.77	Pass
			50	22.03	0.2	20.08	<=34.77	Pass
			99	21.65	0.2	19.7	<=34.77	Pass
		50	0	20.78	0.2	18.83	<=34.77	Pass
			25	20.79	0.2	18.84	<=34.77	Pass
			50	20.79	0.2	18.84	<=34.77	Pass
		100	0	20.81	0.2	18.86	<=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	-4.921	-0.0074	-2.5 to 2.5	Pass
					3.85	-7.181	-0.0108	-2.5 to 2.5	Pass
					4.43	-7.539	-0.0113	-2.5 to 2.5	Pass
				-30	3.85	-6.065	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-8.311	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-5.851	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-10.972	-0.0165	-2.5 to 2.5	Pass
				10	3.85	-8.526	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-8.240	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-9.212	-0.0138	-2.5 to 2.5	Pass
				50	3.85	-6.280	-0.0094	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-7.296	-0.0107	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0037	-2.5 to 2.5	Pass
					4.43	-8.969	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-4.363	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-9.327	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-3.834	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-11.244	-0.0165	-2.5 to 2.5	Pass
				50	3.85	-7.110	-0.0104	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-8.583	-0.0123	-2.5 to 2.5	Pass
					3.85	-7.653	-0.0110	-2.5 to 2.5	Pass
					4.43	-6.809	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-3.920	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-4.549	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-8.097	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-5.364	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-16.737	-0.0241	-2.5 to 2.5	Pass
				40	3.85	-6.337	-0.0091	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-9.341	-0.0140	-2.5 to 2.5	Pass
					3.85	-5.507	-0.0083	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-6.709	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-6.666	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-6.537	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-7.925	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-5.307	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-6.952	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-9.284	-0.0140	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-8.969	-0.0132	-2.5 to 2.5	Pass
					3.85	-7.081	-0.0104	-2.5 to 2.5	Pass

					4.43	-6.166	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-6.080	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-8.068	-0.0119	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-1.416	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-6.809	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-7.710	-0.0113	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-11.373	-0.0164	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0067	-2.5 to 2.5	Pass
					4.43	-3.204	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-8.798	-0.0126	-2.5 to 2.5	Pass
				-10	3.85	-4.306	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-7.839	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-8.039	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-7.296	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-7.439	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-7.768	-0.0112	-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	-9.370	-0.0140	-2.5 to 2.5	Pass
					3.85	-5.565	-0.0083	-2.5 to 2.5	Pass
					4.43	-4.292	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-8.841	-0.0132	-2.5 to 2.5	Pass
				-20	3.85	-3.119	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-3.762	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-10.228	-0.0153	-2.5 to 2.5	Pass
				10	3.85	-8.640	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-8.483	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-4.864	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-4.206	-0.0063	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-3.748	-0.0055	-2.5 to 2.5	Pass
					3.85	-8.340	-0.0123	-2.5 to 2.5	Pass
					4.43	-3.576	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-3.104	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-4.792	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-4.520	-0.0066	-2.5 to 2.5	Pass
				10	3.85	-9.413	-0.0138	-2.5 to 2.5	Pass
				30	3.85	-12.016	-0.0177	-2.5 to 2.5	Pass
				40	3.85	-4.020	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-9.055	-0.0133	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-9.713	-0.0140	-2.5 to 2.5	Pass
					3.85	-8.469	-0.0122	-2.5 to 2.5	Pass
					4.43	-10.915	-0.0158	-2.5 to 2.5	Pass
				-30	3.85	-11.344	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-8.912	-0.0129	-2.5 to 2.5	Pass

16QAM	668	50	0	-10	3.85	-9.971	-0.0144	-2.5 to 2.5	Pass
				0	3.85	-8.769	-0.0127	-2.5 to 2.5	Pass
				10	3.85	-10.057	-0.0145	-2.5 to 2.5	Pass
				30	3.85	-5.965	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-8.612	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-6.208	-0.0090	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-8.955	-0.0134	-2.5 to 2.5	Pass
					3.85	-6.480	-0.0097	-2.5 to 2.5	Pass
					4.43	-3.219	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-7.396	-0.0111	-2.5 to 2.5	Pass
				-10	3.85	-5.350	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-5.078	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-1.159	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-9.427	-0.0141	-2.5 to 2.5	Pass
				40	3.85	-5.922	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0045	-2.5 to 2.5	Pass
				20	3.27	-9.470	-0.0139	-2.5 to 2.5	Pass
					3.85	-9.298	-0.0137	-2.5 to 2.5	Pass
					4.43	-8.640	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-8.311	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-9.084	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-10.614	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-10.543	-0.0155	-2.5 to 2.5	Pass
				10	3.85	-9.069	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-7.067	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-7.095	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-5.636	-0.0083	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-7.882	-0.0114	-2.5 to 2.5	Pass
					3.85	-7.210	-0.0104	-2.5 to 2.5	Pass
					4.43	-9.370	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-10.128	-0.0146	-2.5 to 2.5	Pass
				-20	3.85	-9.127	-0.0132	-2.5 to 2.5	Pass
				-10	3.85	-8.841	-0.0128	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-5.422	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0068	-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	-9.341	-0.0139	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0043	-2.5 to 2.5	Pass
					4.43	-4.749	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-9.470	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-10.700	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-9.584	-0.0143	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0078	-2.5 to 2.5	Pass

				30	3.85	-6.080	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0111	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-4.334	-0.0064	-2.5 to 2.5	Pass
					3.85	-8.268	-0.0121	-2.5 to 2.5	Pass
					4.43	-7.925	-0.0116	-2.5 to 2.5	Pass
				-30	3.85	-8.140	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-3.619	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-4.535	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-6.137	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-7.682	-0.0113	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-2.918	-0.0042	-2.5 to 2.5	Pass
					3.85	-5.765	-0.0083	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0078	-2.5 to 2.5	Pass
				-10	3.85	-9.499	-0.0138	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0086	-2.5 to 2.5	Pass
				10	3.85	-2.074	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-3.161	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-0.973	-0.0014	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-7.539	-0.0112	-2.5 to 2.5	Pass
					3.85	-7.868	-0.0117	-2.5 to 2.5	Pass
					4.43	-7.353	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-5.021	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-8.140	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-8.755	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-5.679	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-4.950	-0.0074	-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	-11.187	-0.0164	-2.5 to 2.5	Pass
					3.85	-9.527	-0.0140	-2.5 to 2.5	Pass
					4.43	-12.488	-0.0184	-2.5 to 2.5	Pass
				-30	3.85	-11.201	-0.0165	-2.5 to 2.5	Pass
				-20	3.85	-7.782	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-11.373	-0.0167	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-9.828	-0.0144	-2.5 to 2.5	Pass
				30	3.85	-5.221	-0.0077	-2.5 to 2.5	Pass
				40	3.85	-9.456	-0.0139	-2.5 to 2.5	Pass
				50	3.85	-7.296	-0.0107	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-3.176	-0.0046	-2.5 to 2.5	Pass
					3.85	-1.903	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-4.191	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-6.952	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass

				50	3.85	-5.436	-0.0079	-2.5 to 2.5	Pass
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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	-7.825	-0.0116	-2.5 to 2.5	Pass
					3.85	-9.413	-0.0140	-2.5 to 2.5	Pass
					4.43	-7.553	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-9.027	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-8.111	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-6.752	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-7.668	-0.0114	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-7.052	-0.0105	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-3.419	-0.0050	-2.5 to 2.5	Pass
					3.85	-8.526	-0.0125	-2.5 to 2.5	Pass
					4.43	-6.080	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-5.050	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-5.822	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-9.427	-0.0138	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-4.506	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.652	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-8.941	-0.0131	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-4.506	-0.0065	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0088	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-7.510	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-6.380	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-5.708	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-5.250	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-7.997	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-7.925	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-7.482	-0.0109	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0124	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-7.396	-0.0110	-2.5 to 2.5	Pass
					3.85	-5.794	-0.0086	-2.5 to 2.5	Pass
					4.43	-5.651	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-7.696	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-8.497	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-7.038	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-4.349	-0.0065	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-9.198	-0.0135	-2.5 to 2.5	Pass
					3.85	-6.824	-0.0100	-2.5 to 2.5	Pass

					4.43	-4.463	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-8.826	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-7.982	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-5.965	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-4.134	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-5.865	-0.0086	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-6.595	-0.0096	-2.5 to 2.5	Pass
					3.85	-5.651	-0.0082	-2.5 to 2.5	Pass
					4.43	-7.324	-0.0106	-2.5 to 2.5	Pass
				-30	3.85	-7.782	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-6.924	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-7.253	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-3.004	-0.0044	-2.5 to 2.5	Pass

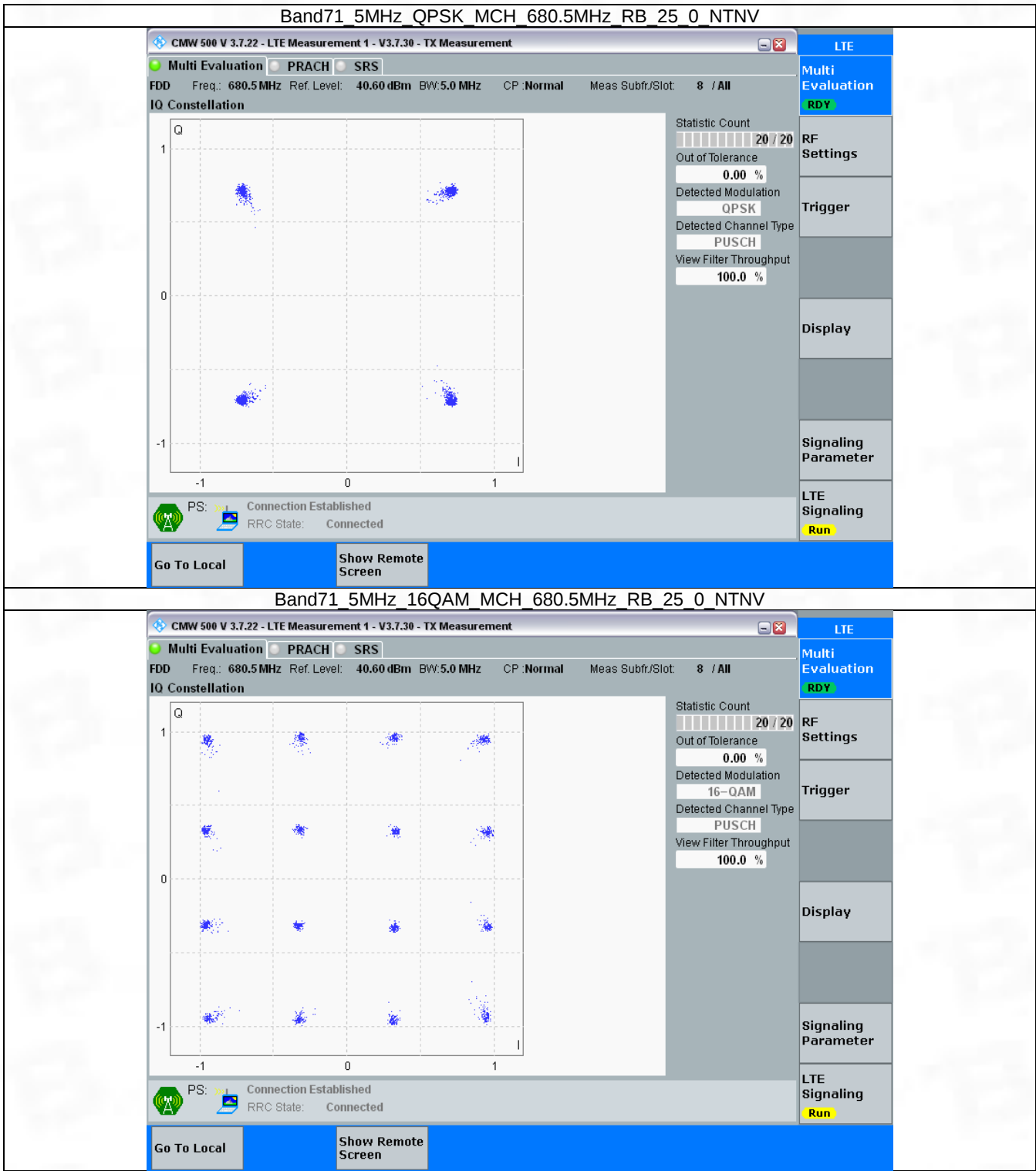
3. Modulation Characteristics

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

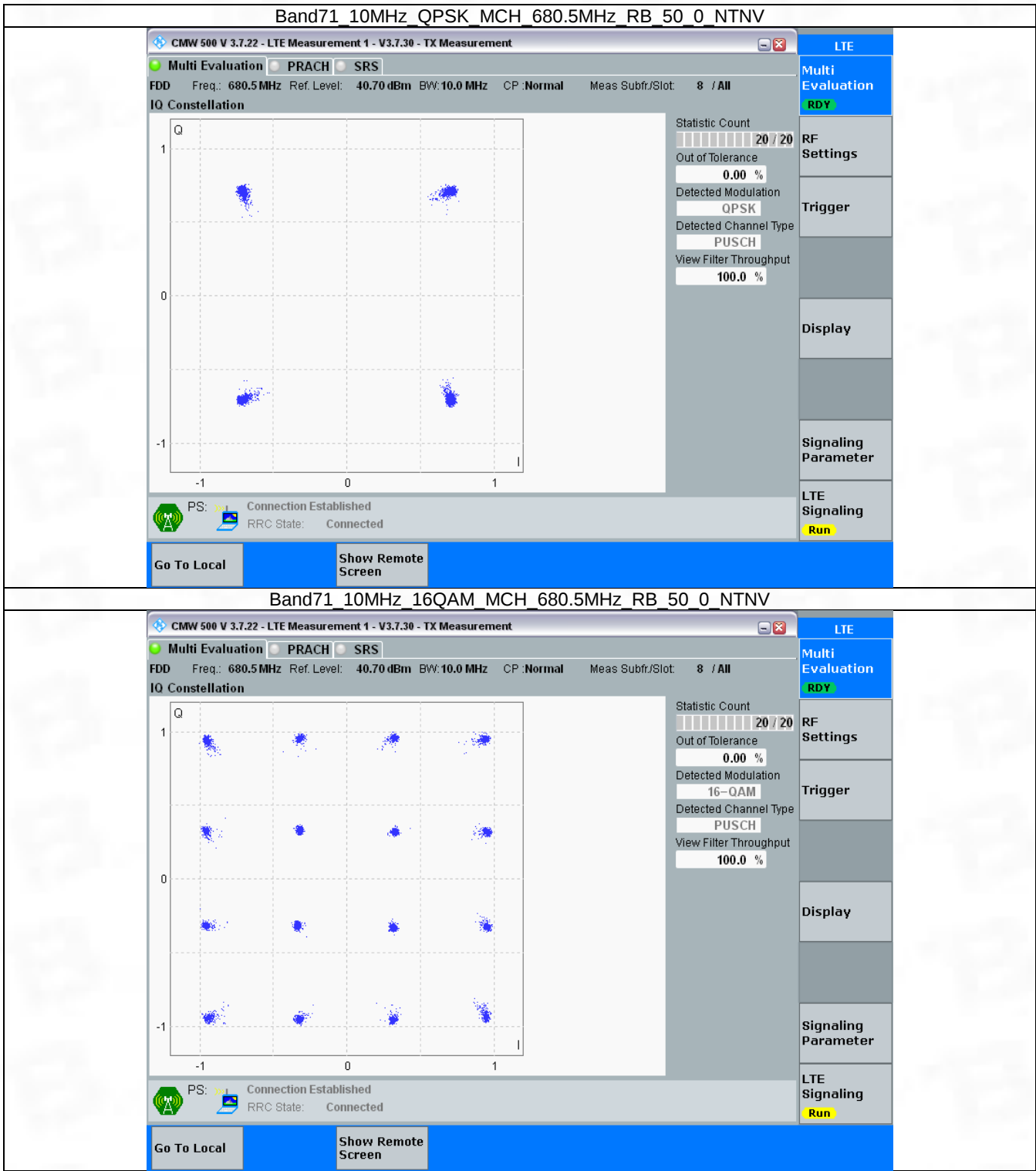


3.2 B71_10MHz

3.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTV						
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

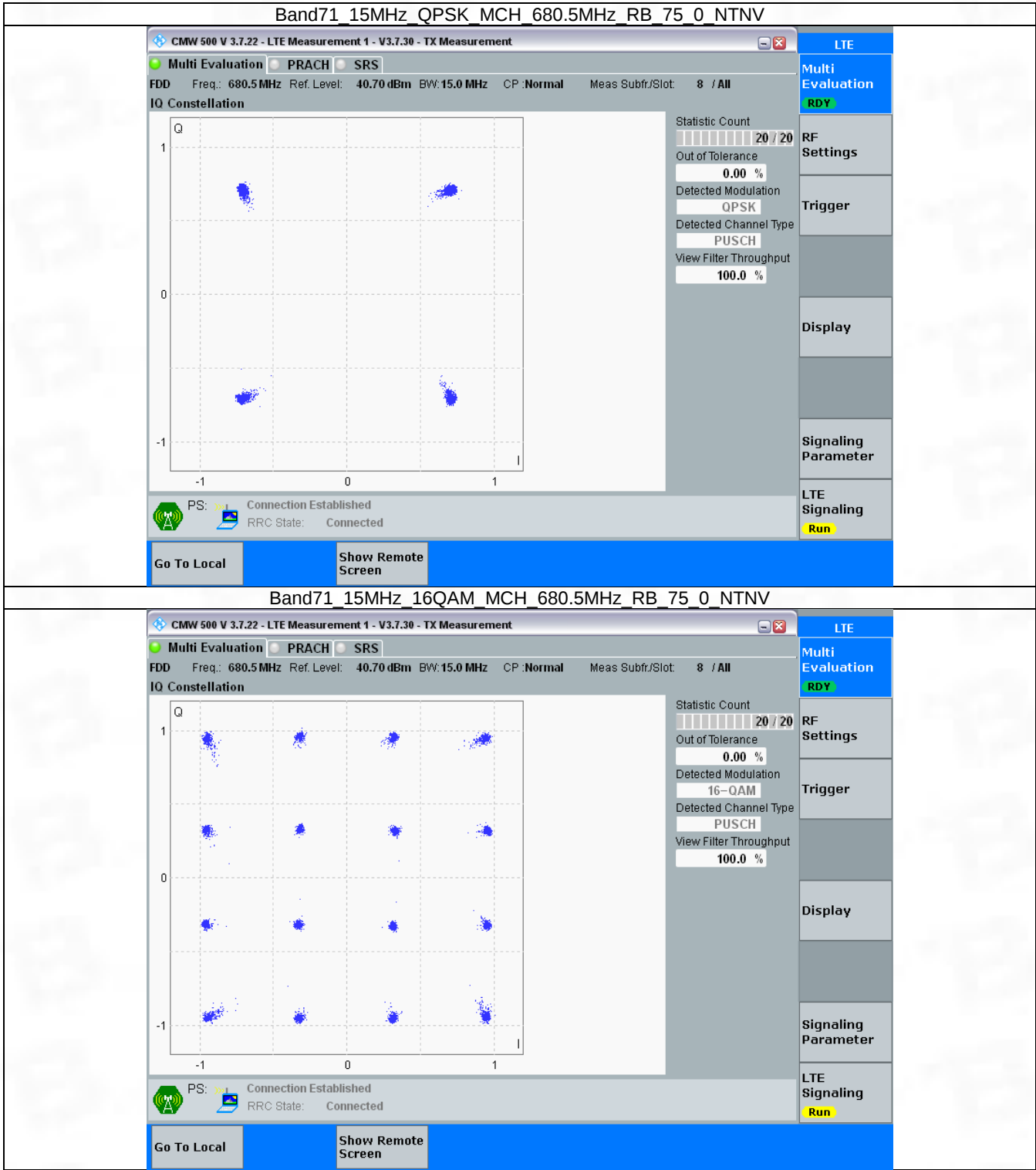


3.3 B71_15MHz

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

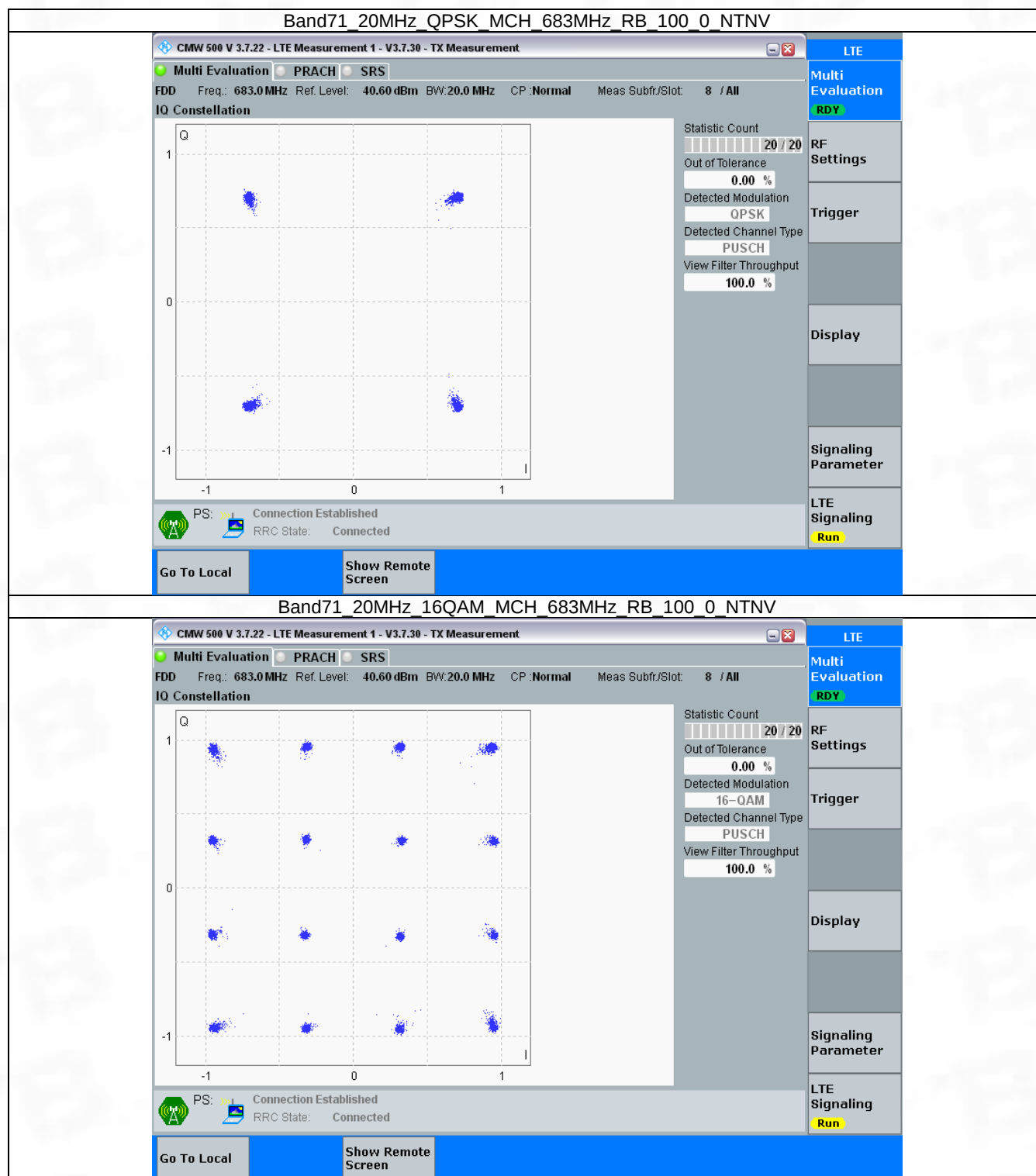


3.4 B71_20MHz

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



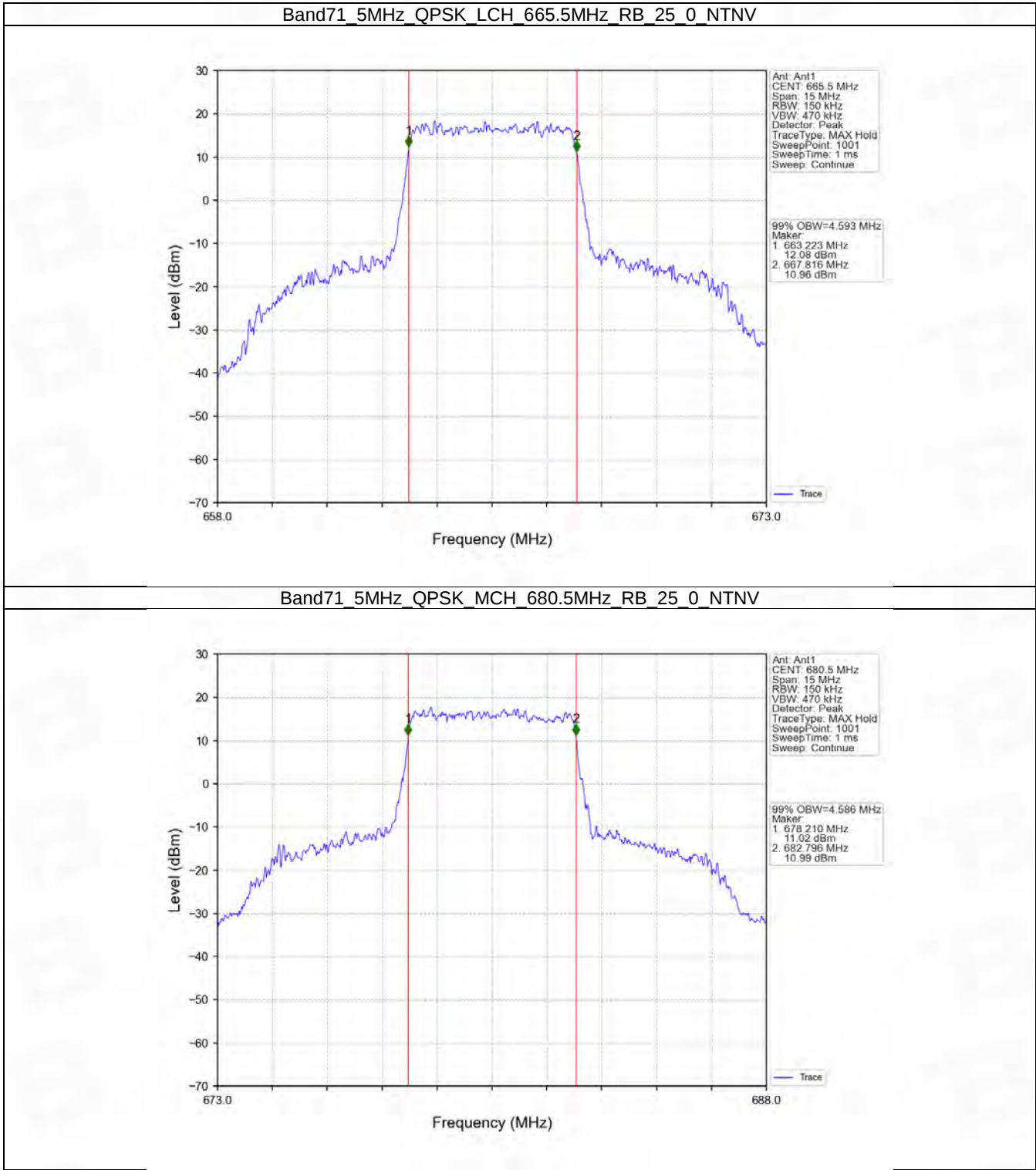
4. 99% & 26dB Bandwidth

4.1 Band71_OBW

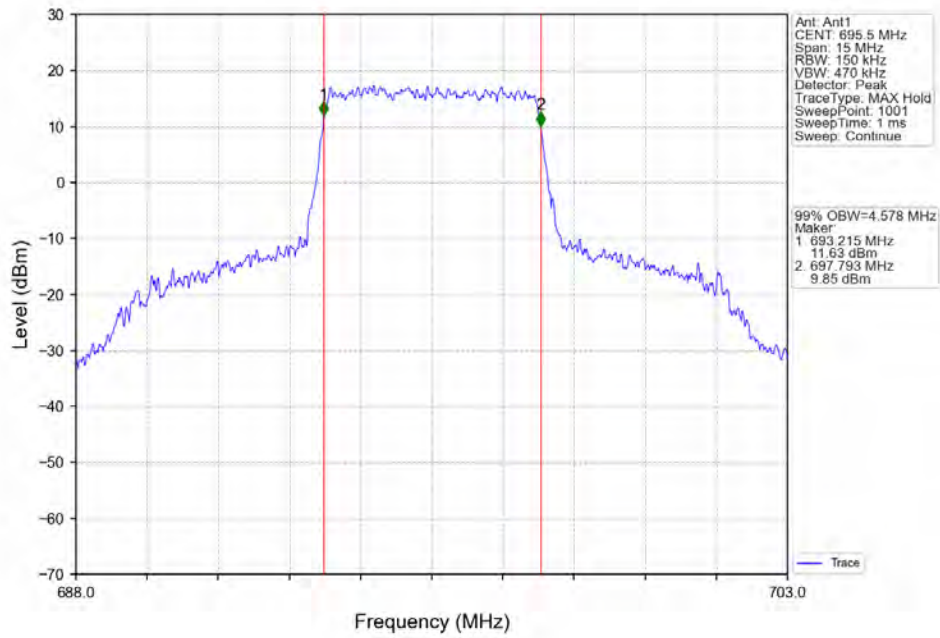
4.1.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	4.593	Pass
		680.5	25	0	4.586	Pass
		695.5	25	0	4.578	Pass
	16QAM	665.5	25	0	4.566	Pass
		680.5	25	0	4.600	Pass
		695.5	25	0	4.593	Pass
10	QPSK	668	50	0	9.085	Pass
		680.5	50	0	9.082	Pass
		693	50	0	9.110	Pass
	16QAM	668	50	0	9.095	Pass
		680.5	50	0	9.093	Pass
		693	50	0	9.050	Pass
15	QPSK	670.5	75	0	13.657	Pass
		680.5	75	0	13.597	Pass
		690.5	75	0	13.652	Pass
	16QAM	670.5	75	0	13.671	Pass
		680.5	75	0	13.669	Pass
		690.5	75	0	13.639	Pass
20	QPSK	673	100	0	18.145	Pass
		683	100	0	18.176	Pass
		688	100	0	18.242	Pass
	16QAM	673	100	0	18.172	Pass
		683	100	0	18.276	Pass
		688	100	0	18.264	Pass

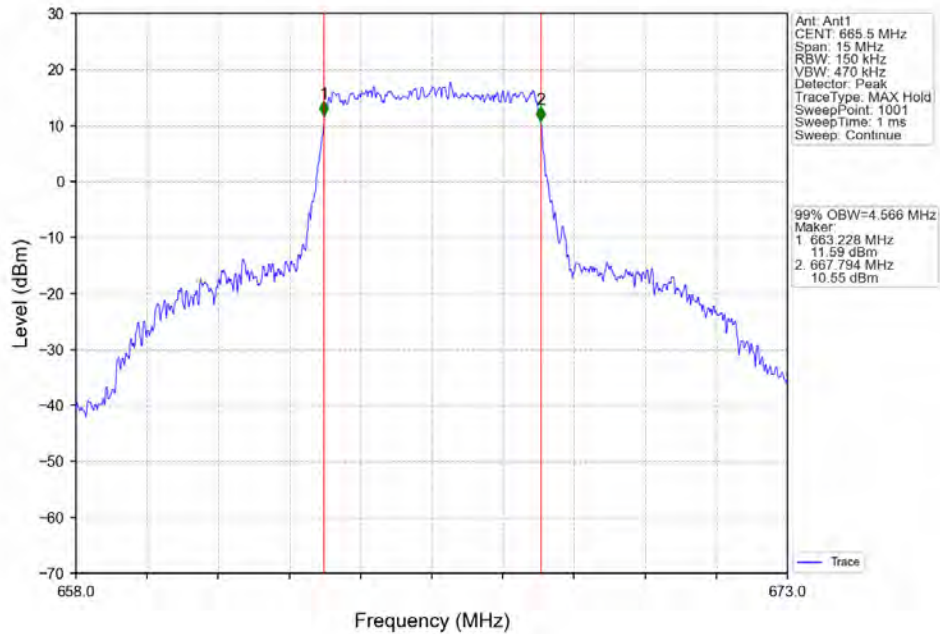
4.1.2 Test Graph



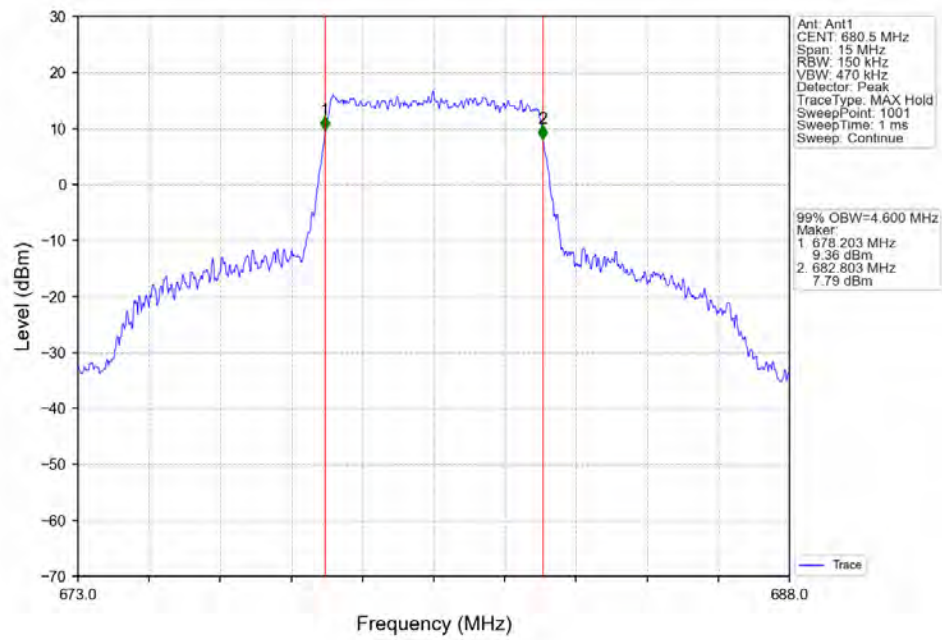
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



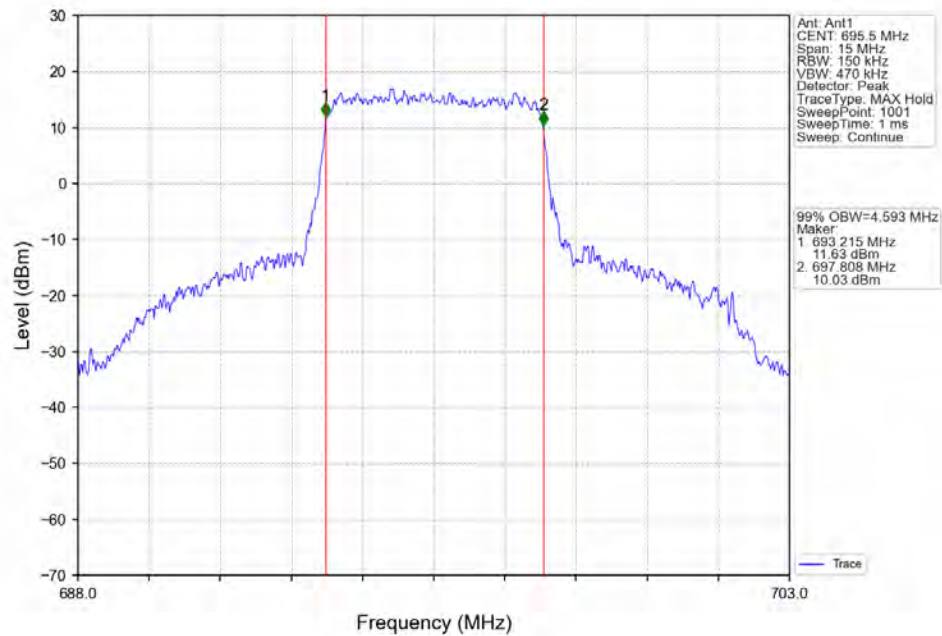
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



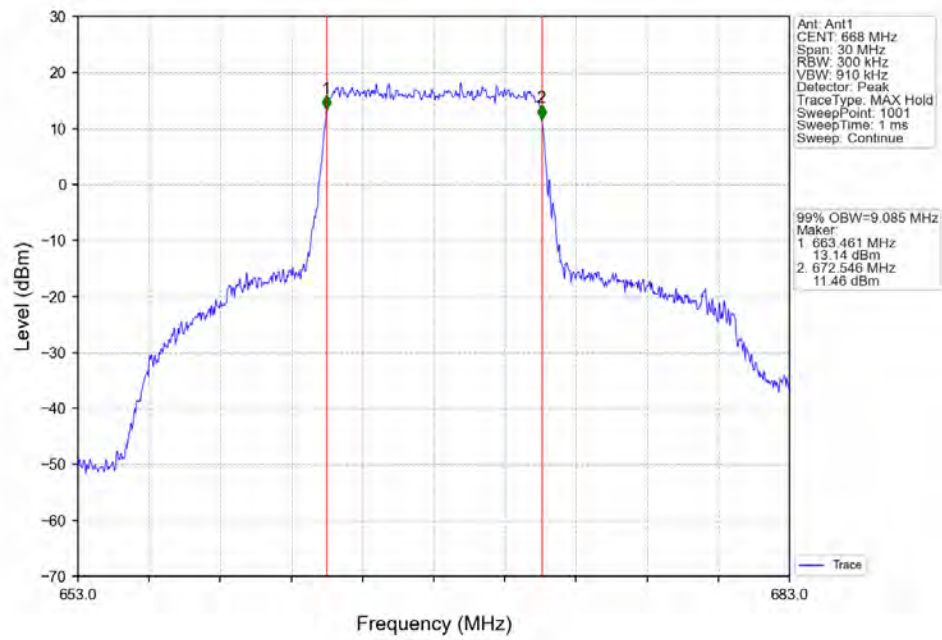
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



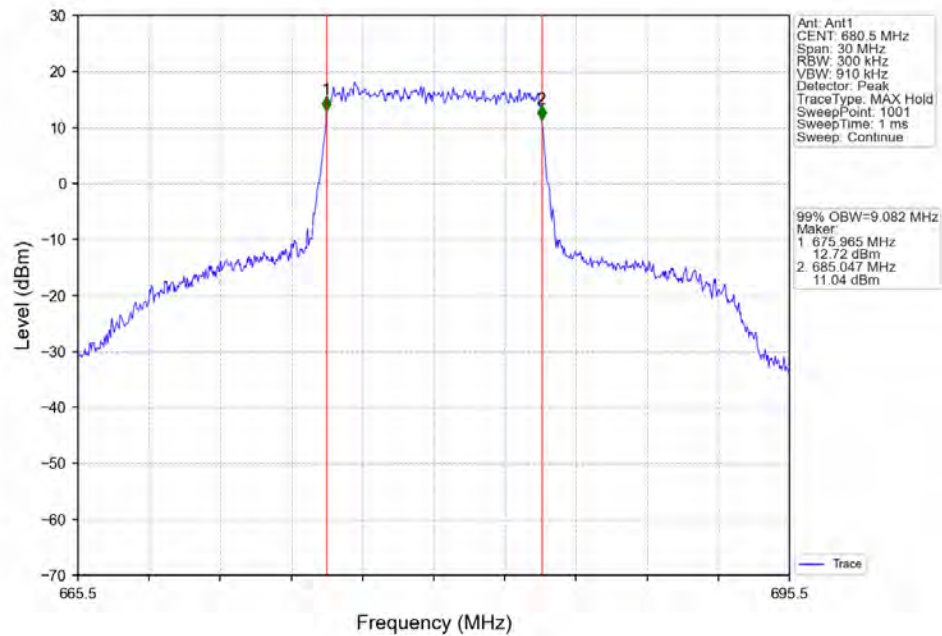
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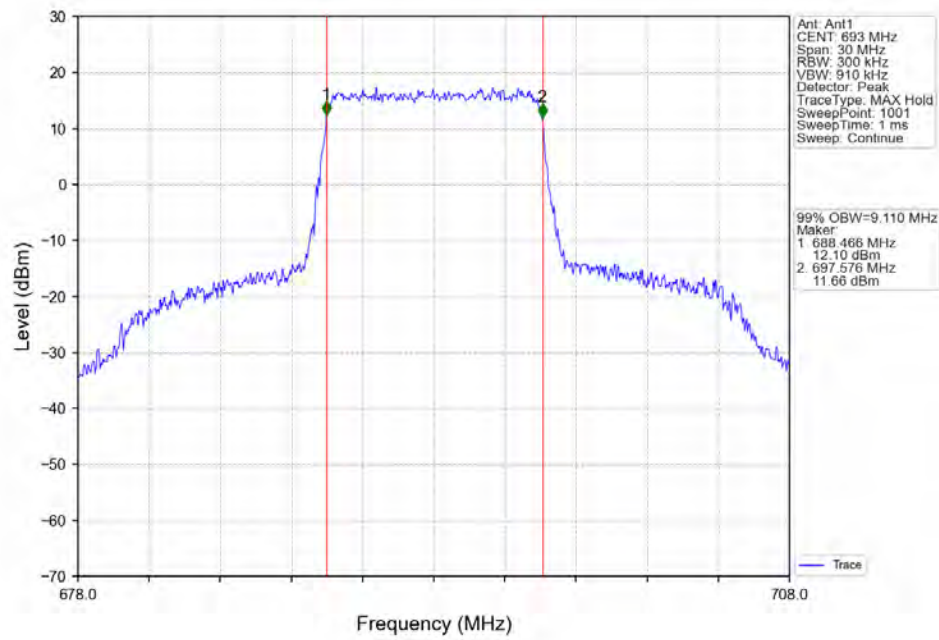
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



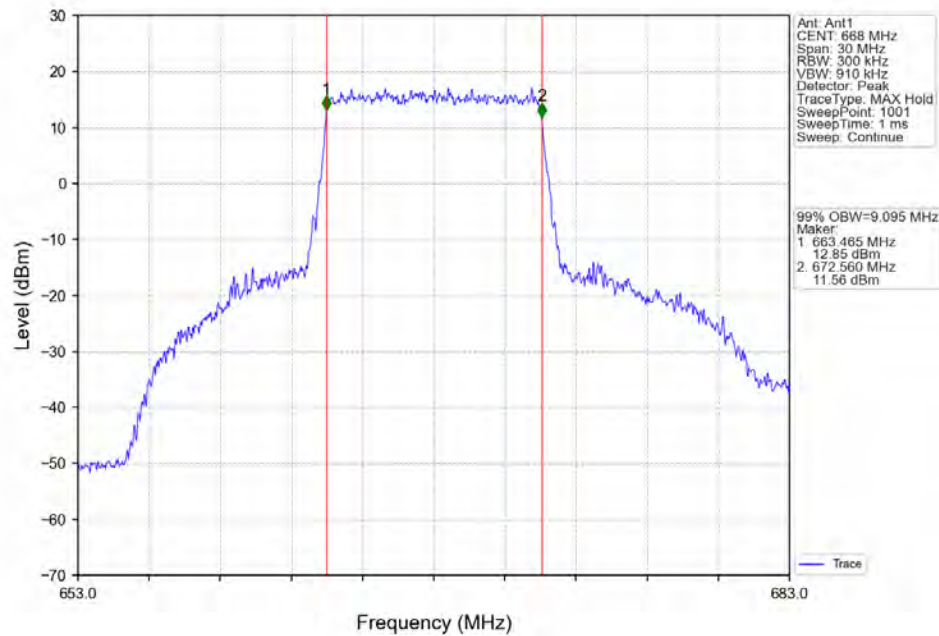
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



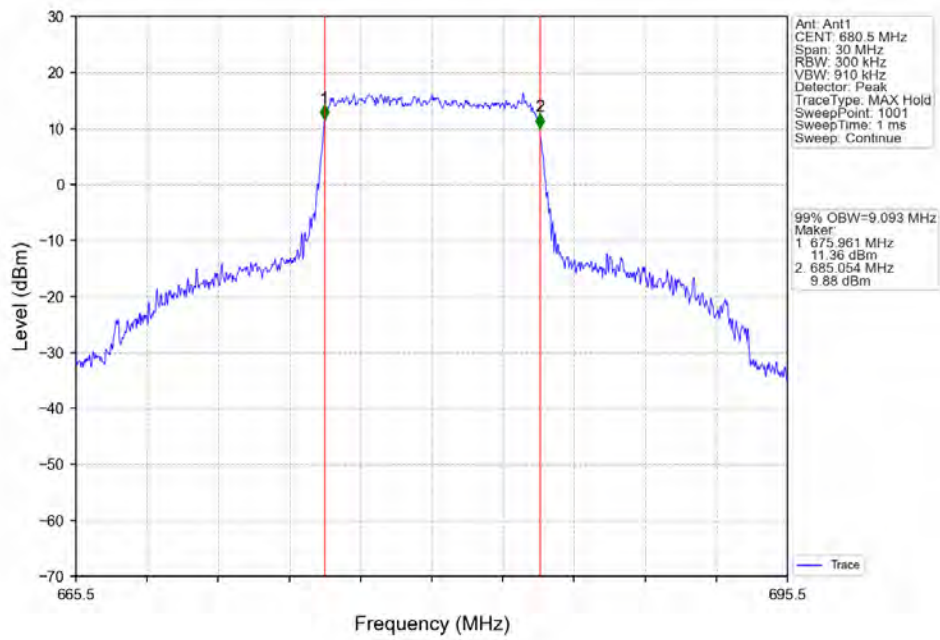
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



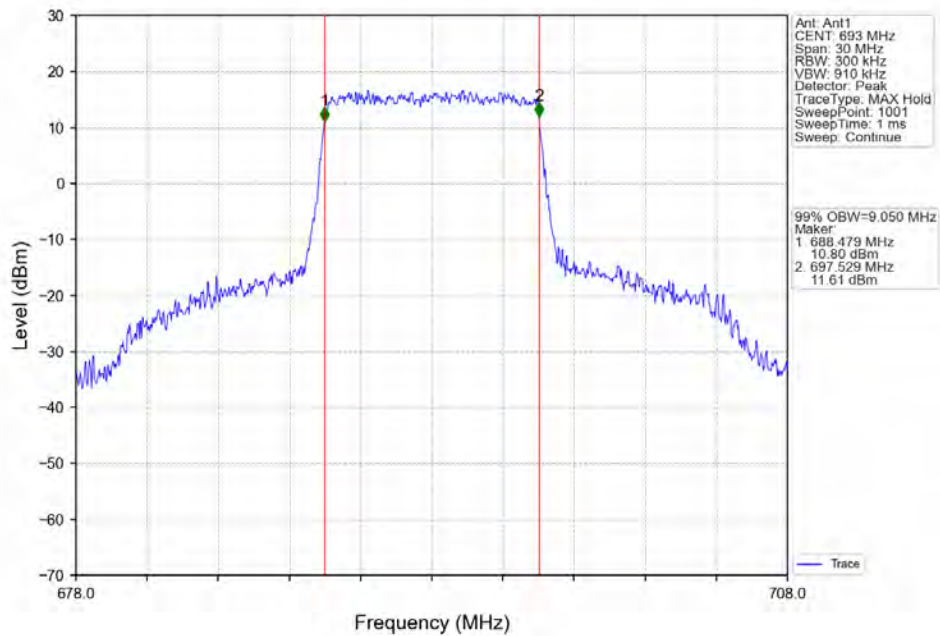
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTN



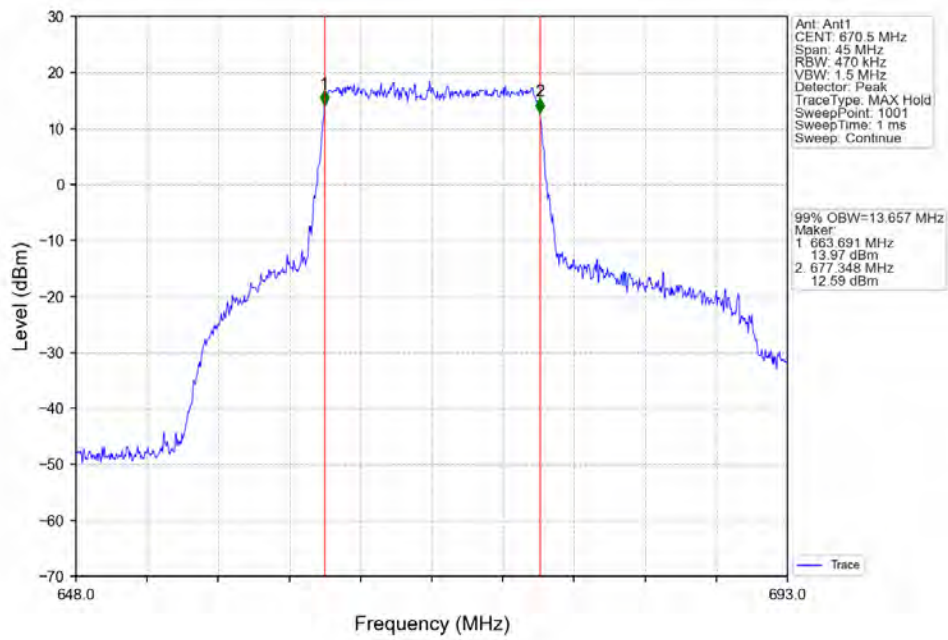
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



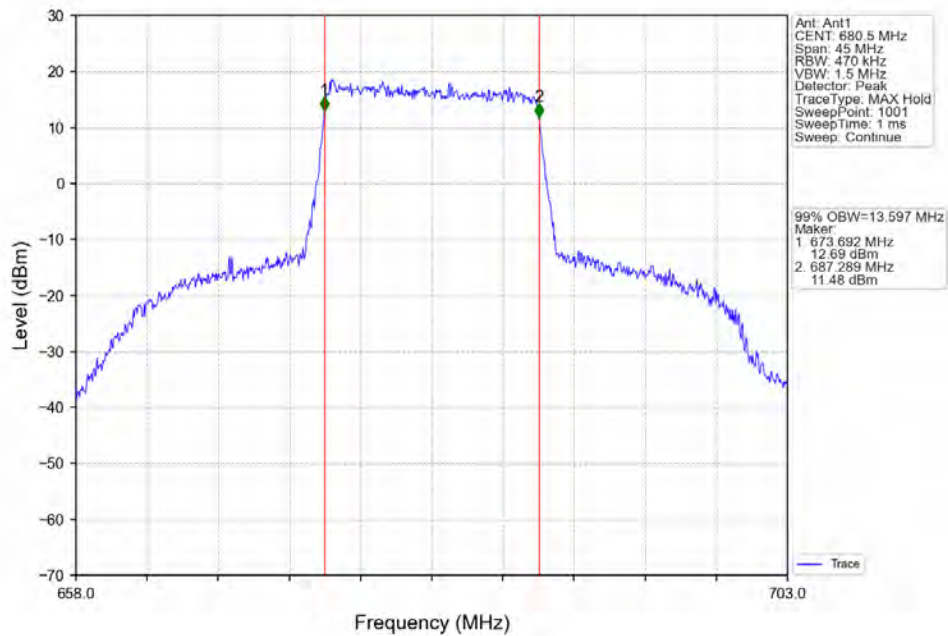
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



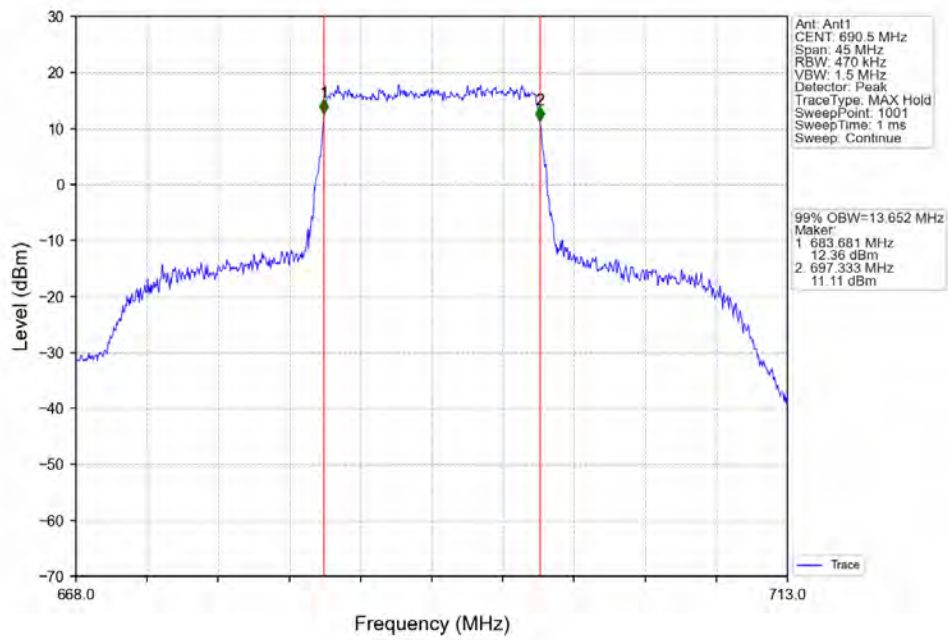
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



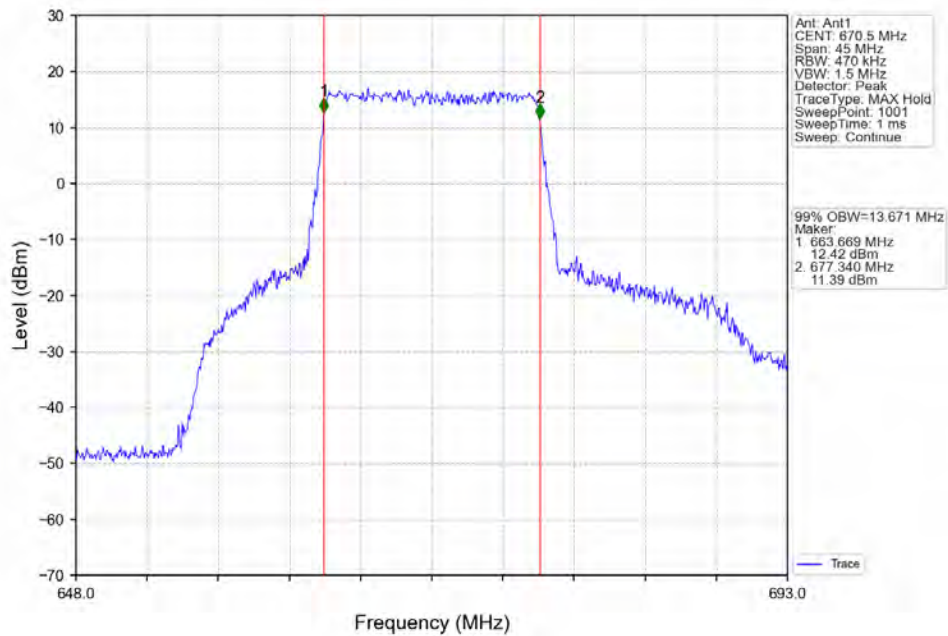
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



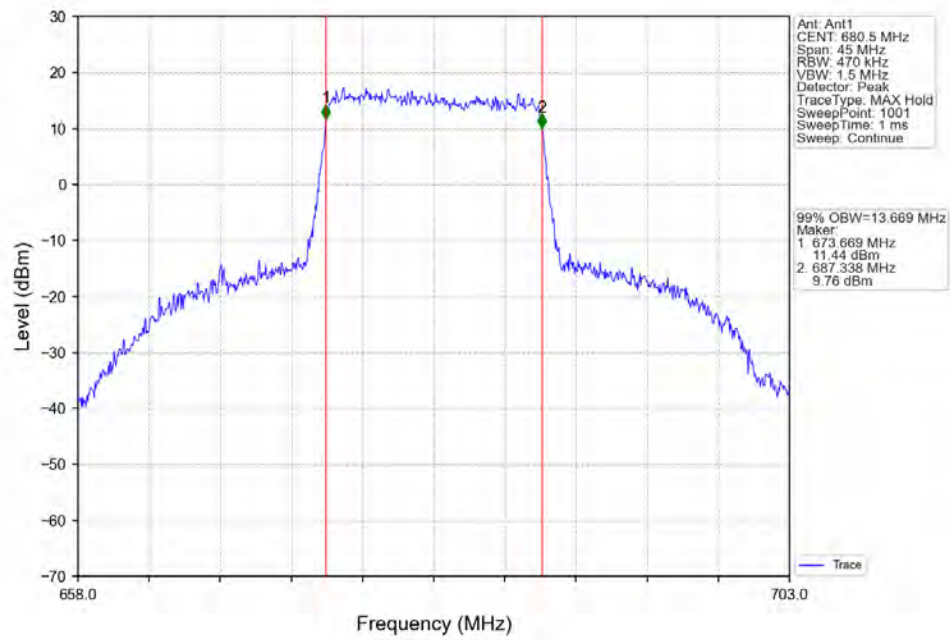
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



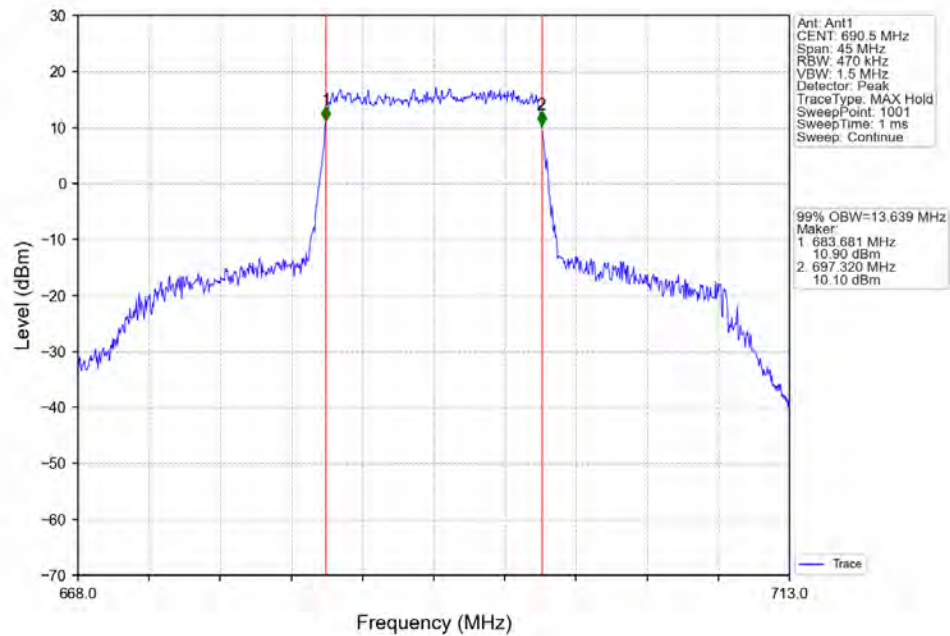
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



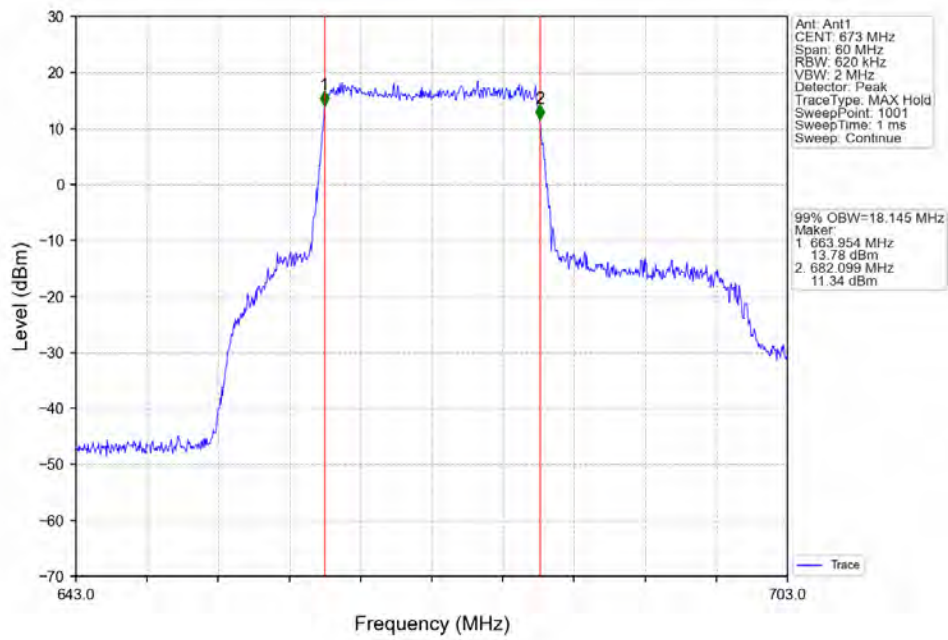
Band71 15MHz 16QAM MCH 680.5MHz RB 75.0 NTNV



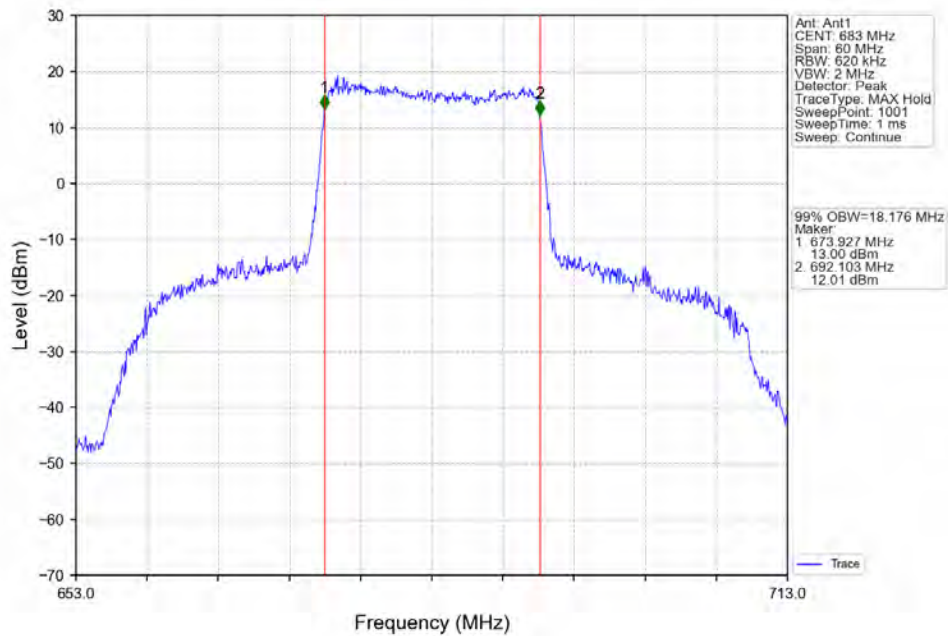
Band71 15MHz 16QAM HCH 690.5MHz RB 75.0 NTNV



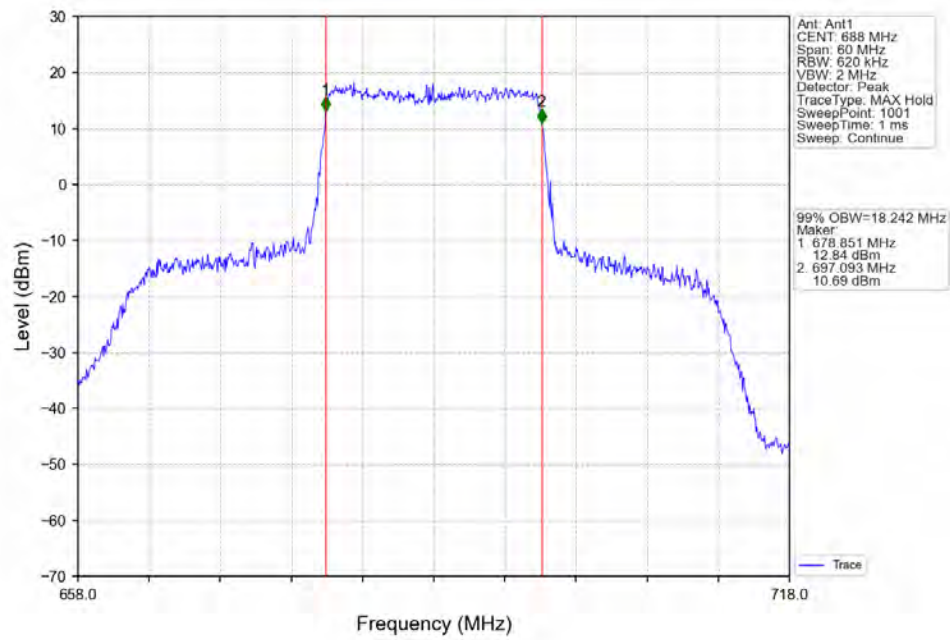
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



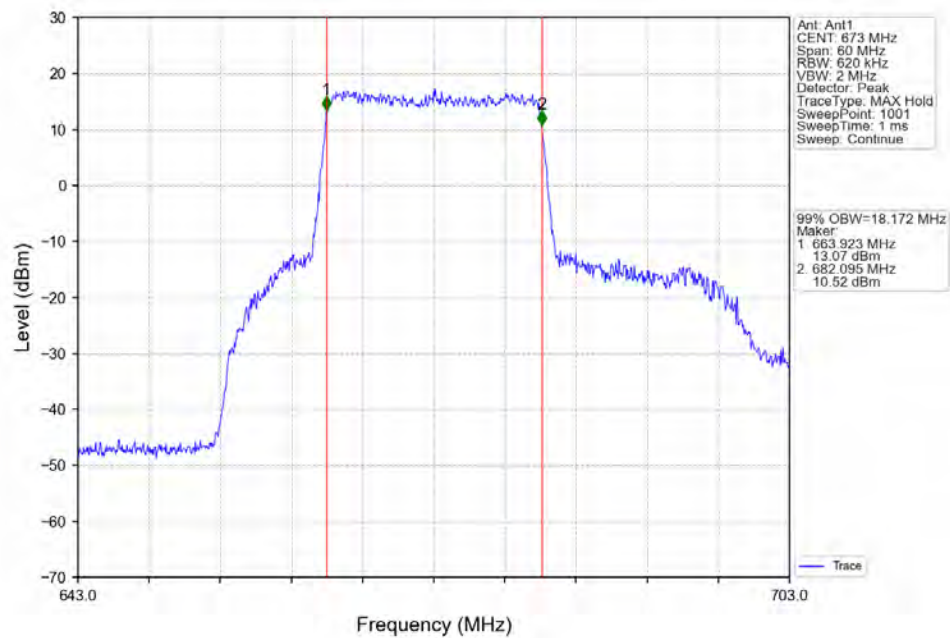
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



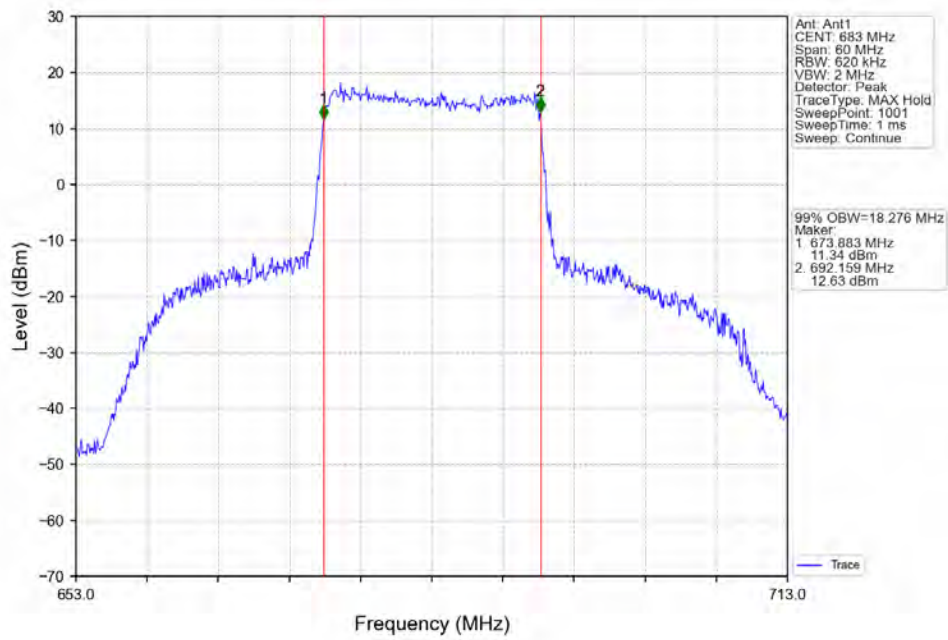
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



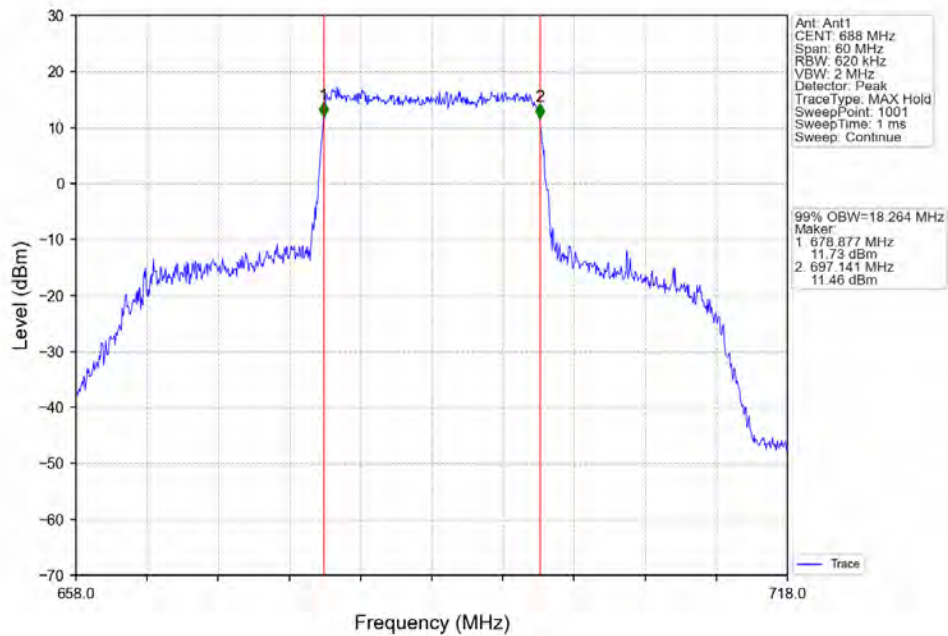
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



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



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

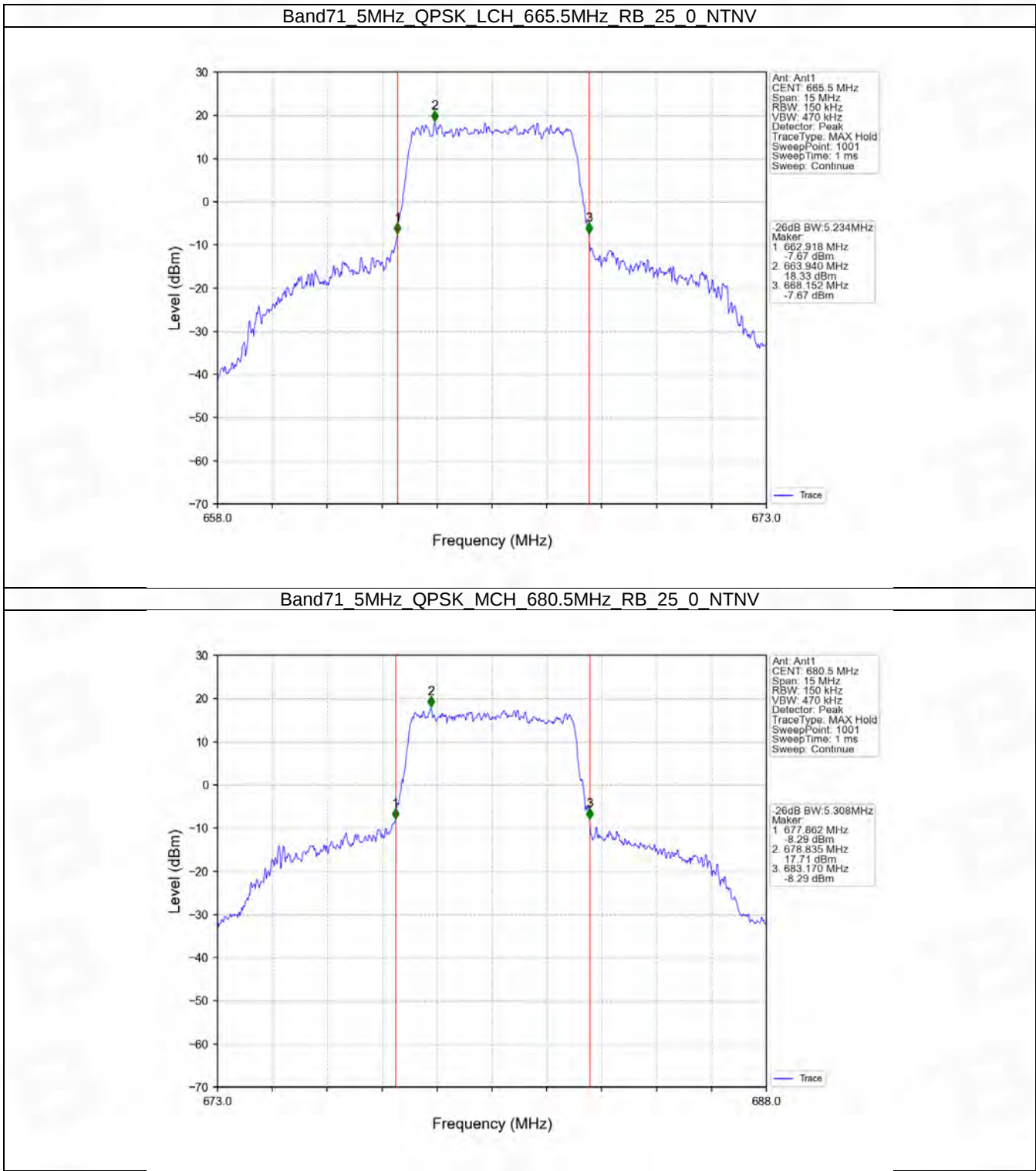


4.2 Band71_XDB

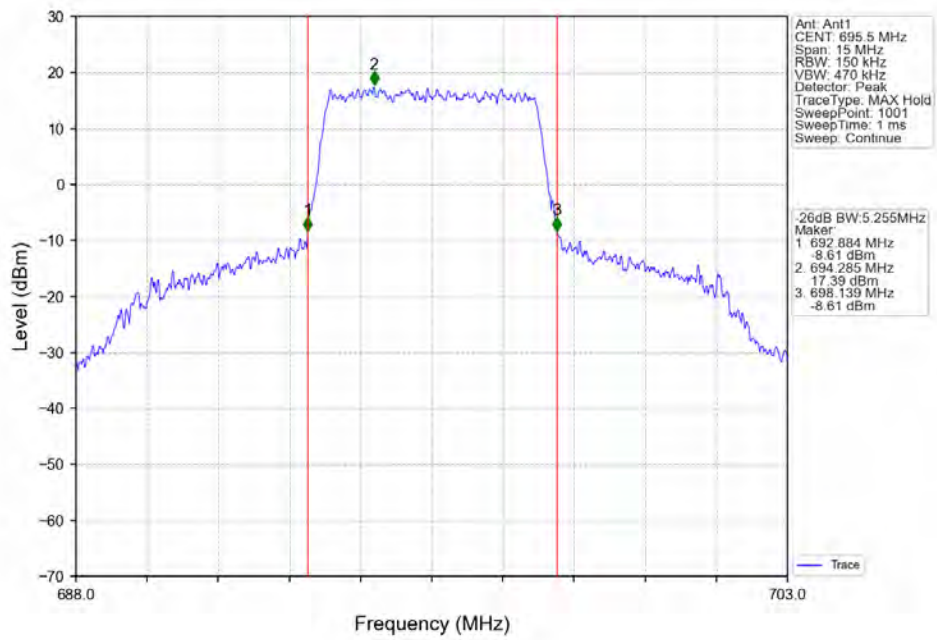
4.2.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	5.234	Pass
		680.5	25	0	5.308	Pass
		695.5	25	0	5.255	Pass
	16QAM	665.5	25	0	5.388	Pass
		680.5	25	0	5.329	Pass
		695.5	25	0	5.323	Pass
10	QPSK	668	50	0	10.243	Pass
		680.5	50	0	10.191	Pass
		693	50	0	10.450	Pass
	16QAM	668	50	0	10.299	Pass
		680.5	50	0	10.734	Pass
		693	50	0	10.228	Pass
15	QPSK	670.5	75	0	15.439	Pass
		680.5	75	0	15.457	Pass
		690.5	75	0	15.559	Pass
	16QAM	670.5	75	0	15.594	Pass
		680.5	75	0	15.362	Pass
		690.5	75	0	15.351	Pass
20	QPSK	673	100	0	20.067	Pass
		683	100	0	20.013	Pass
		688	100	0	20.381	Pass
	16QAM	673	100	0	20.227	Pass
		683	100	0	20.024	Pass
		688	100	0	20.377	Pass

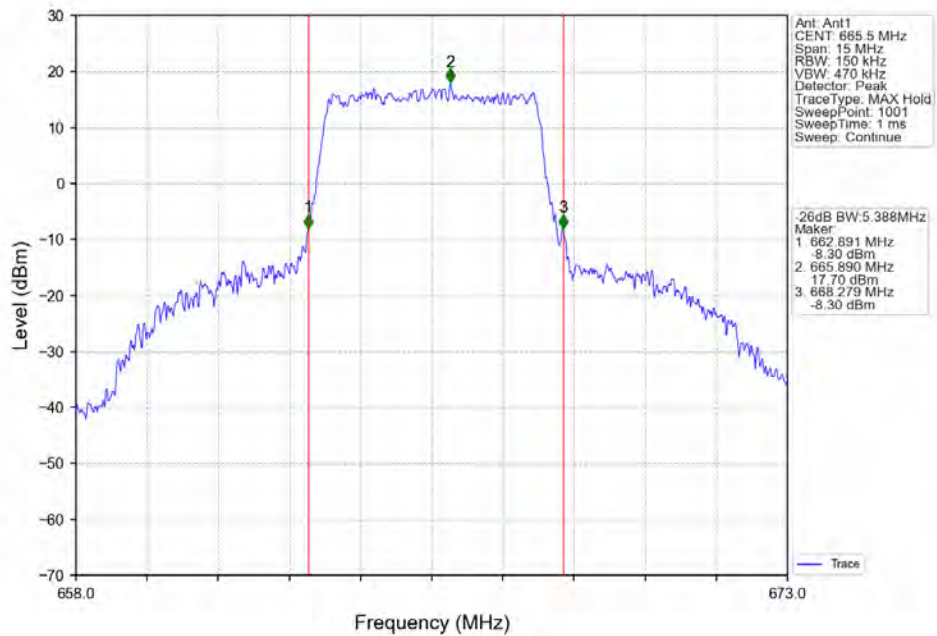
4.2.2 Test Graph



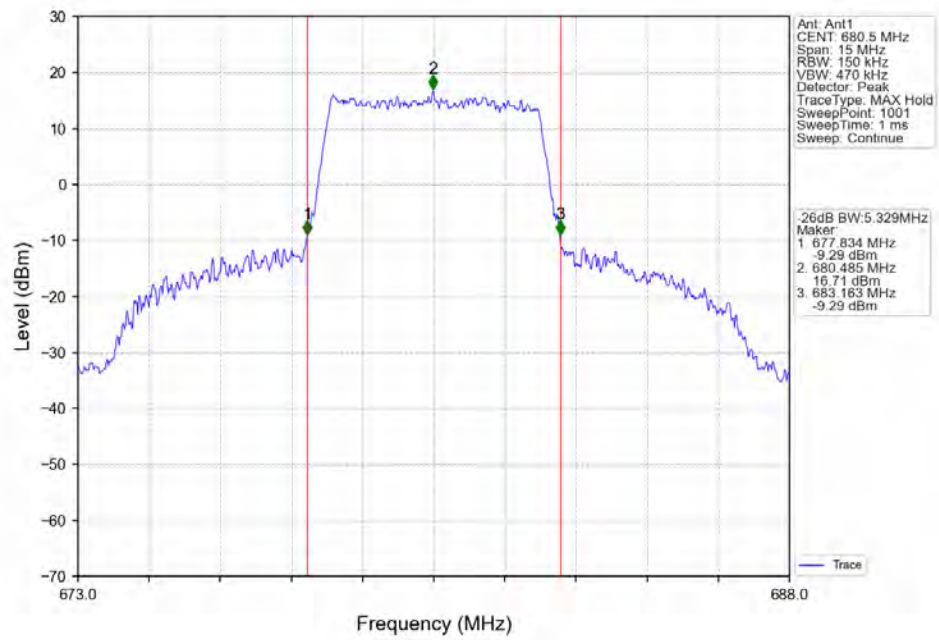
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



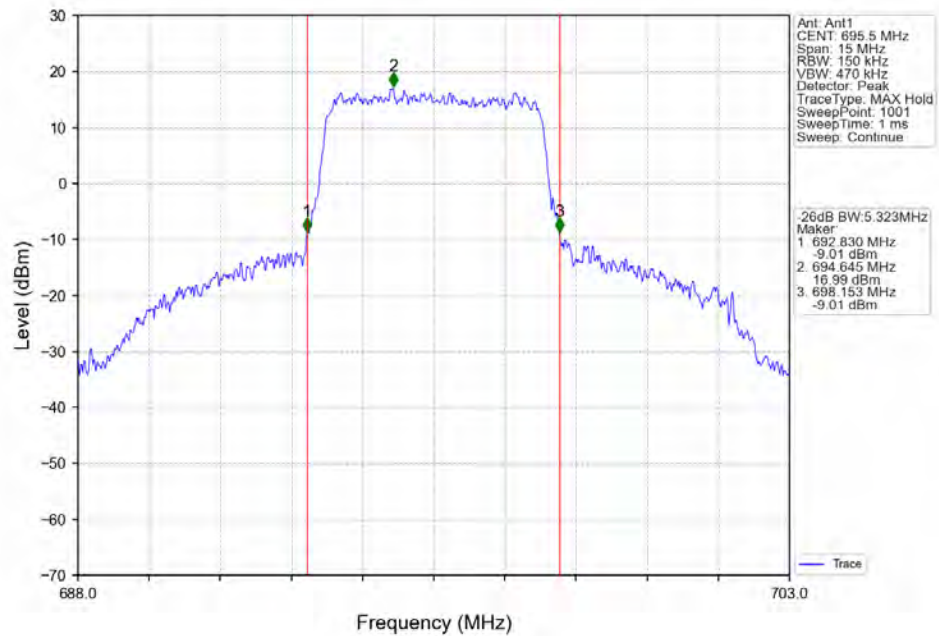
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



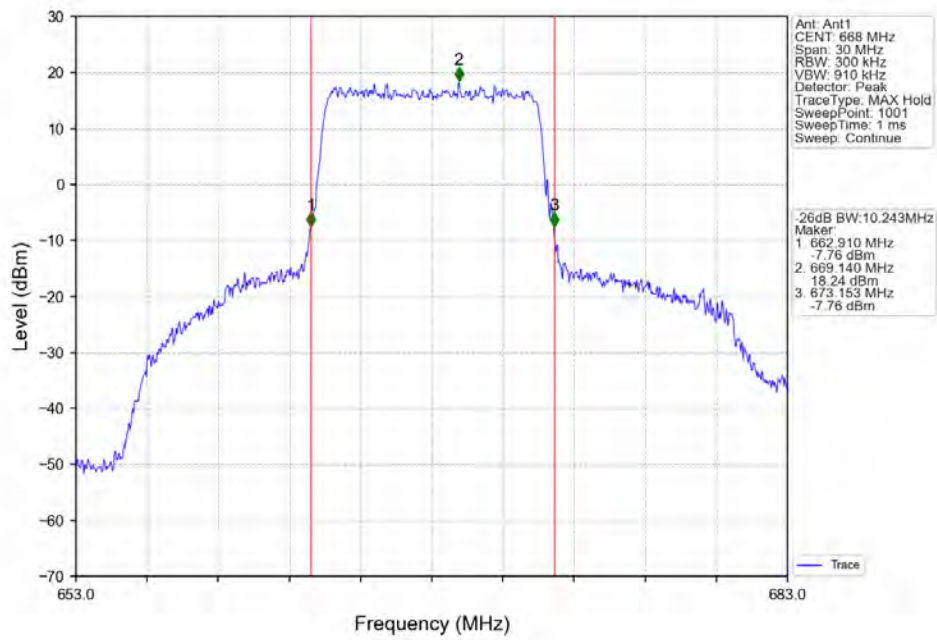
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



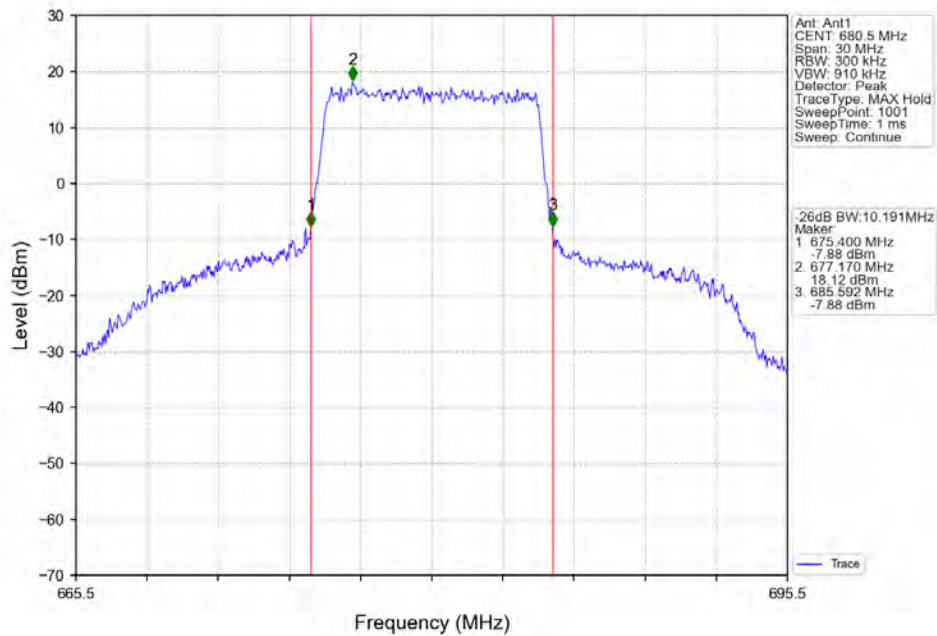
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



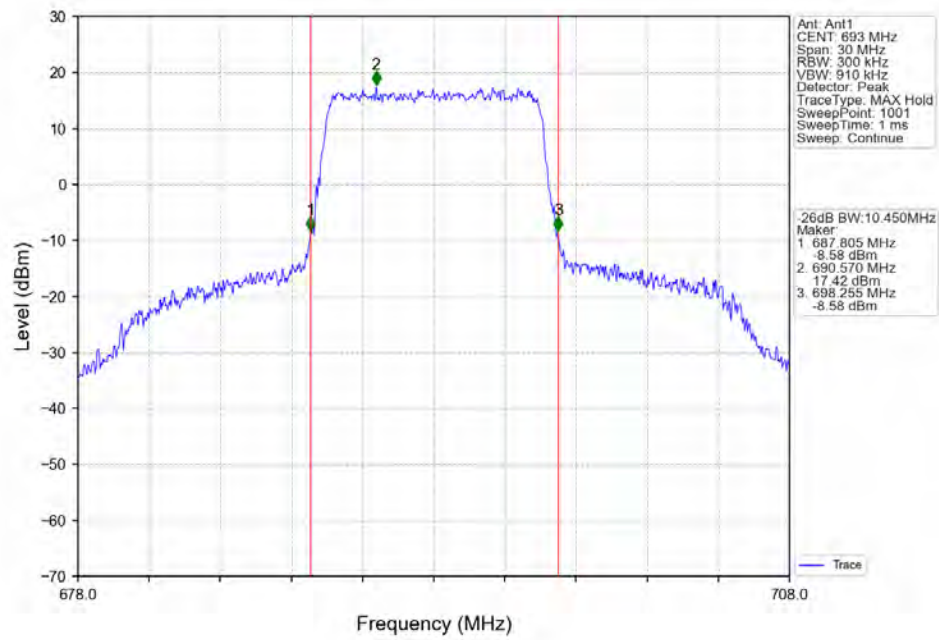
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



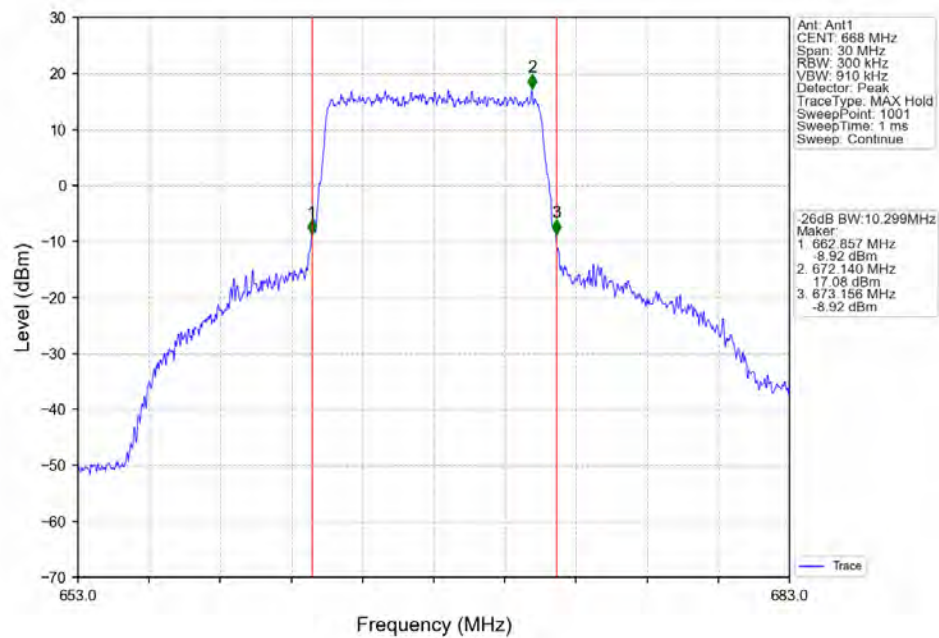
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



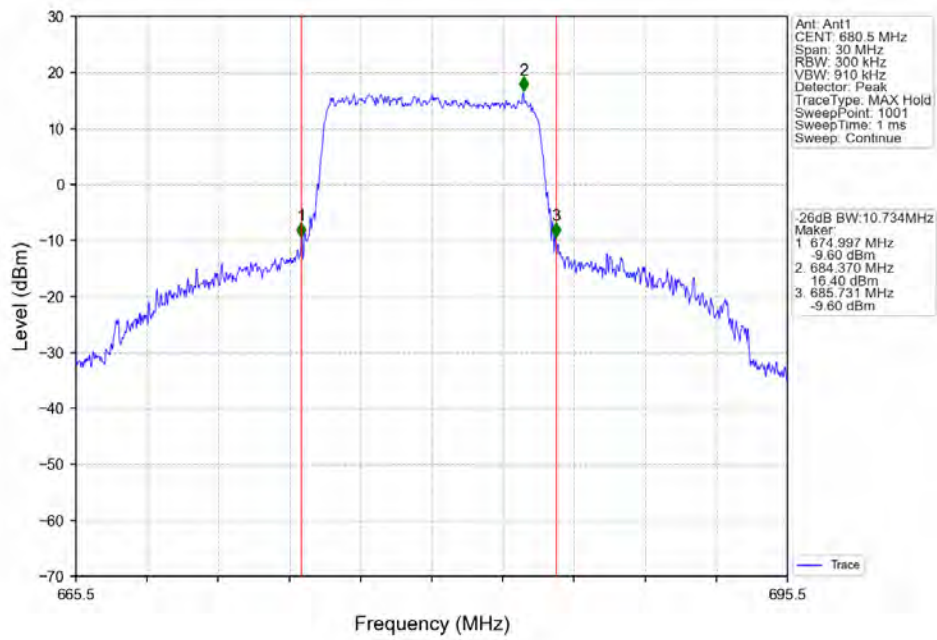
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



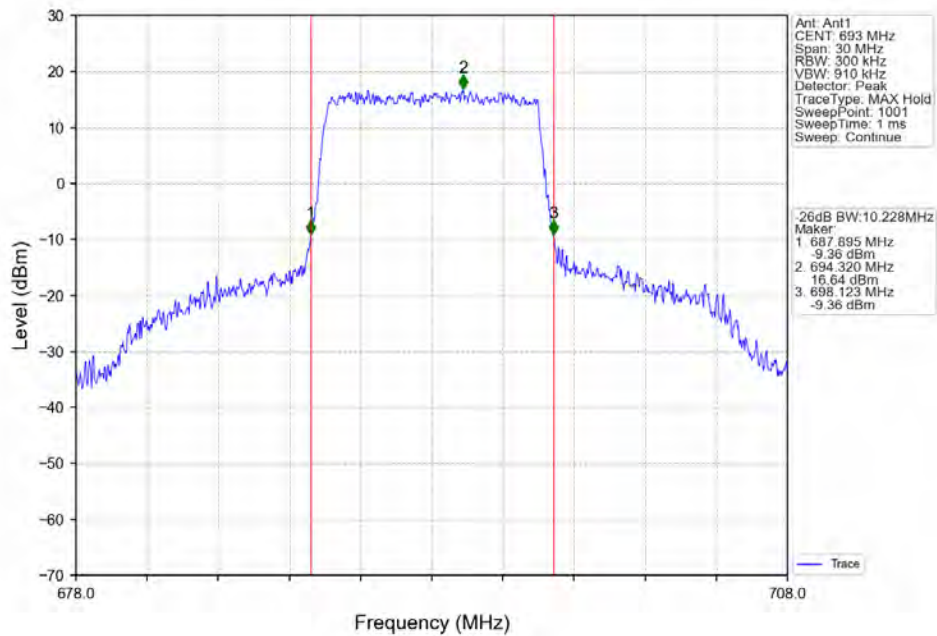
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



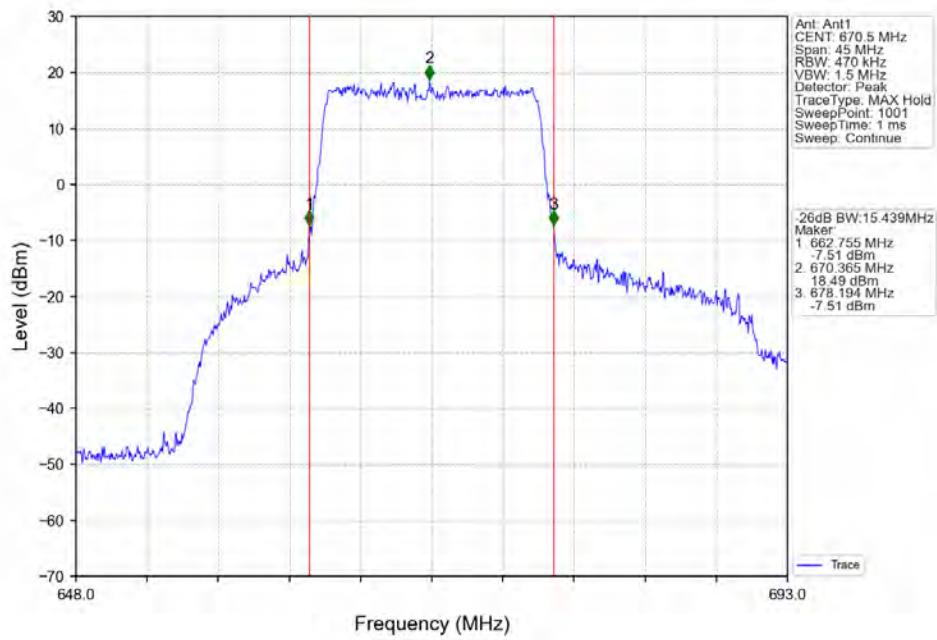
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



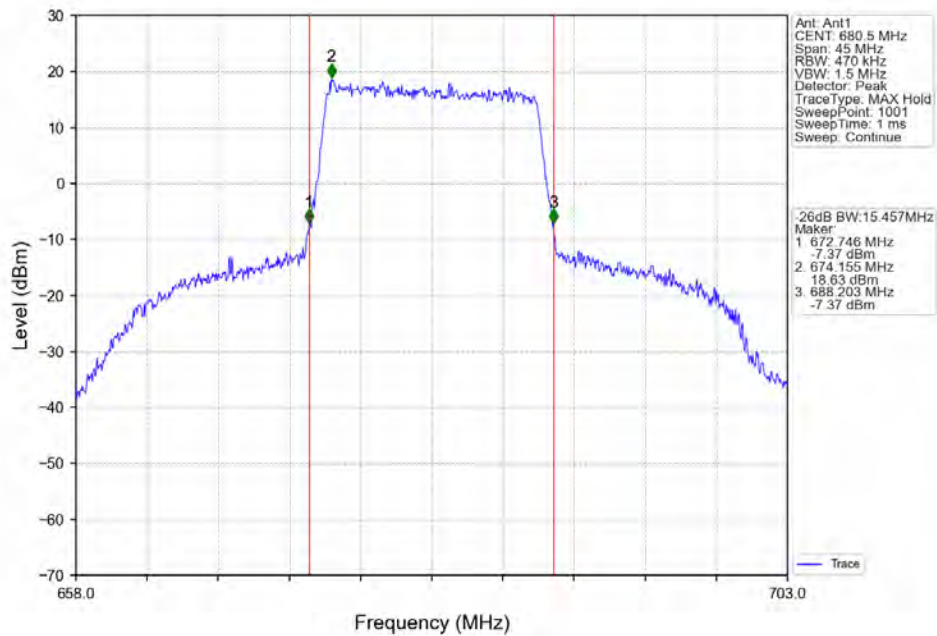
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



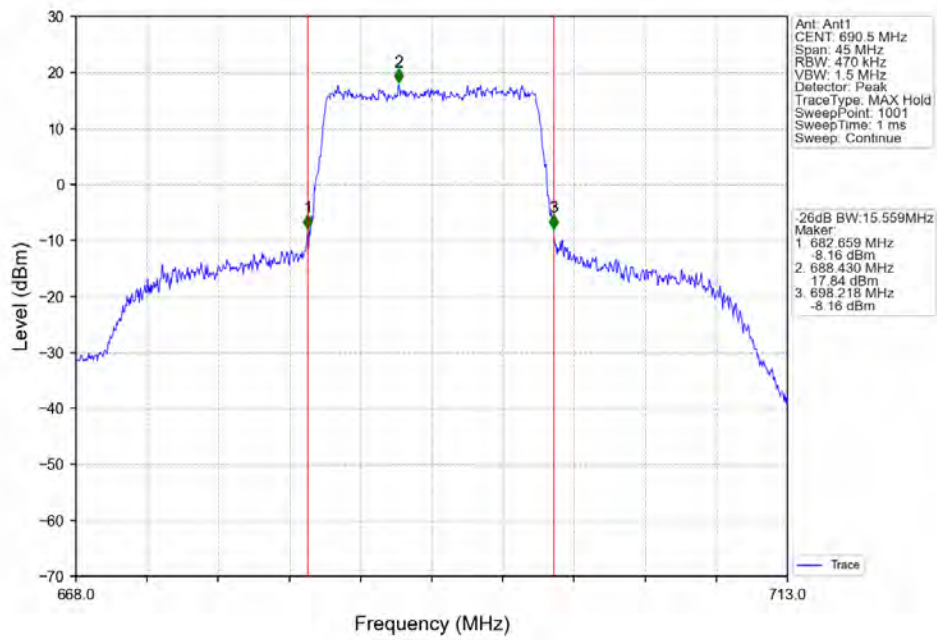
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



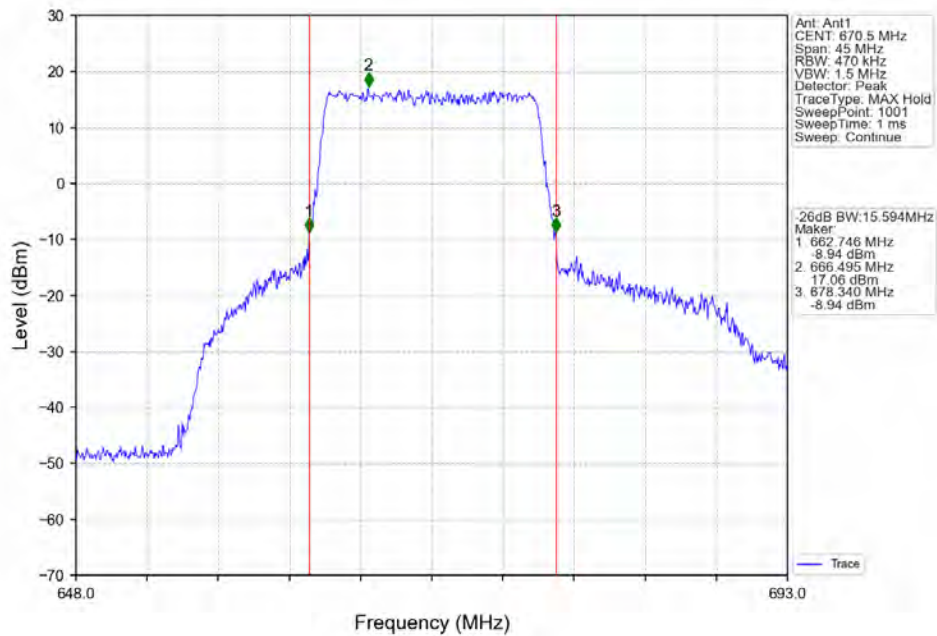
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



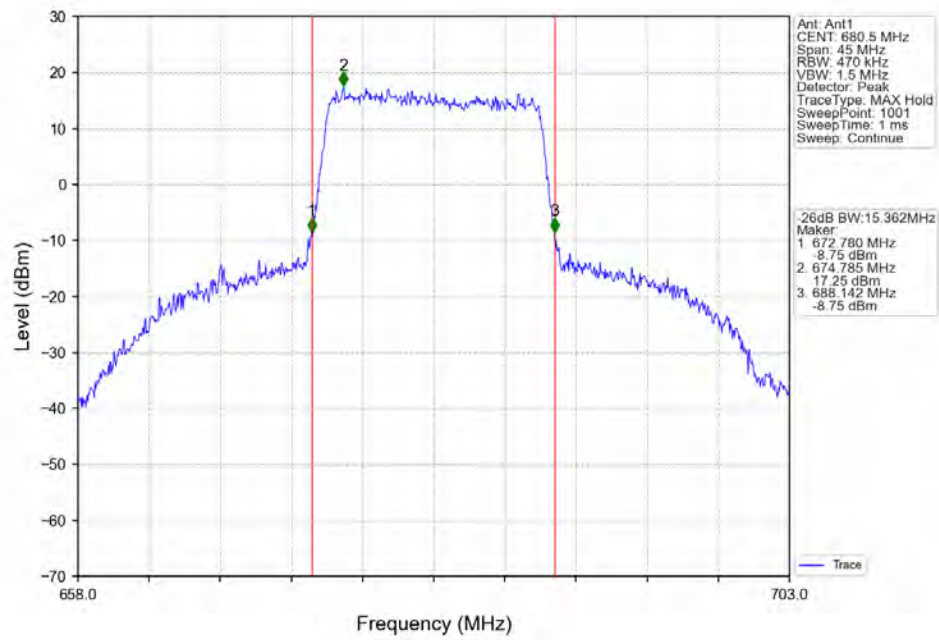
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



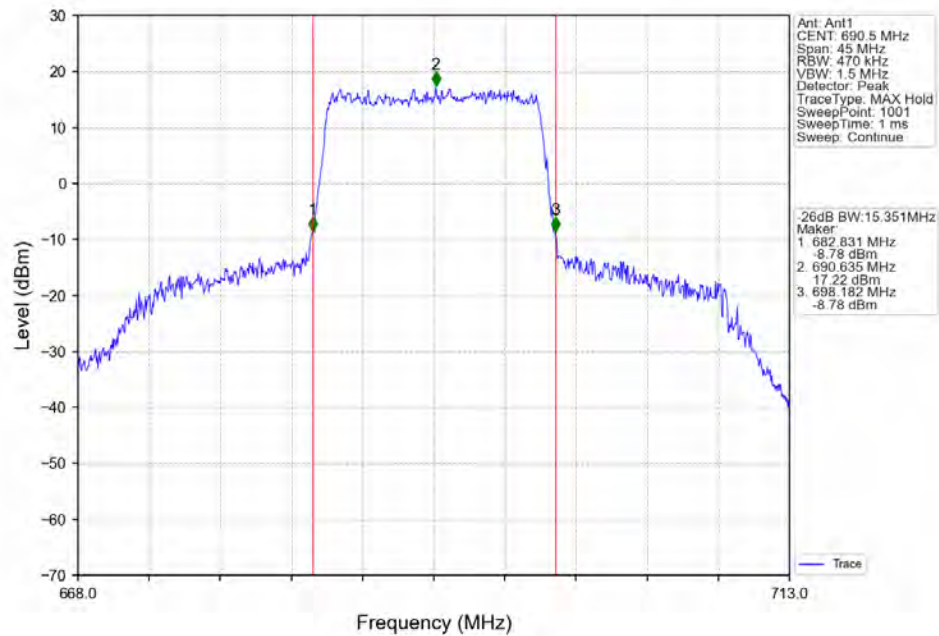
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



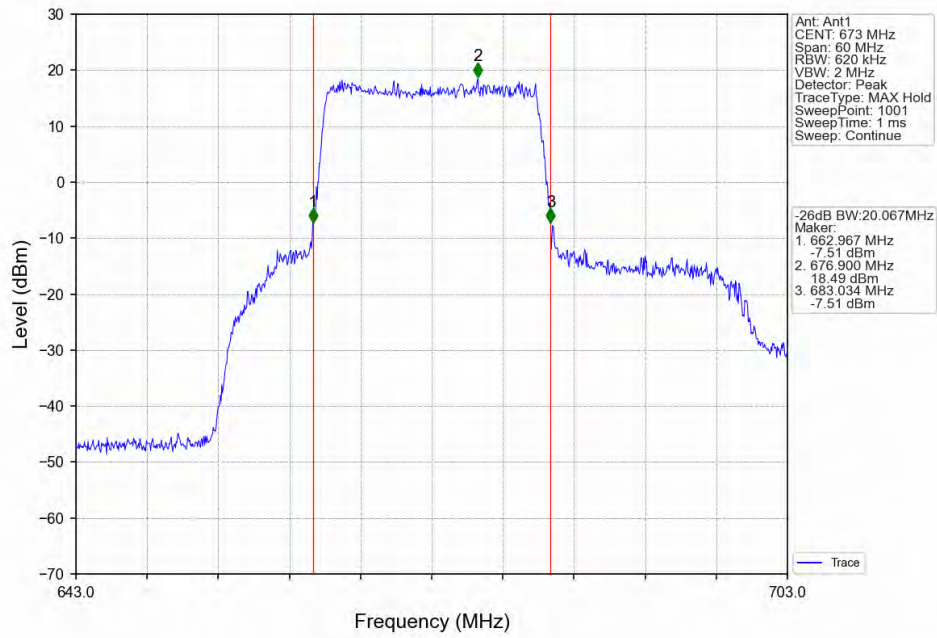
Band71 15MHz 16QAM MCH 680.5MHz RB 75.0 NTNV



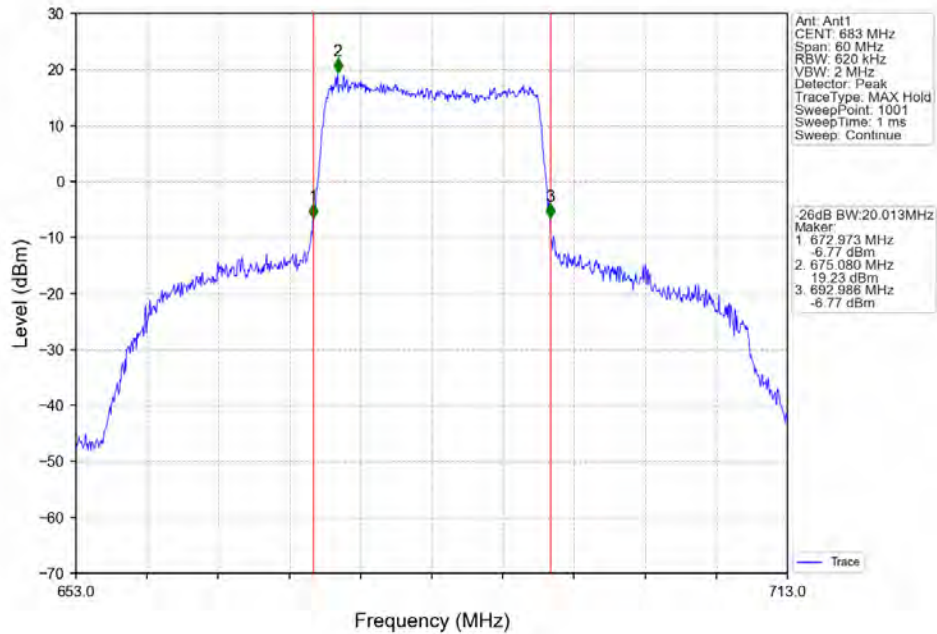
Band71 15MHz 16QAM HCH 690.5MHz RB 75.0 NTNV



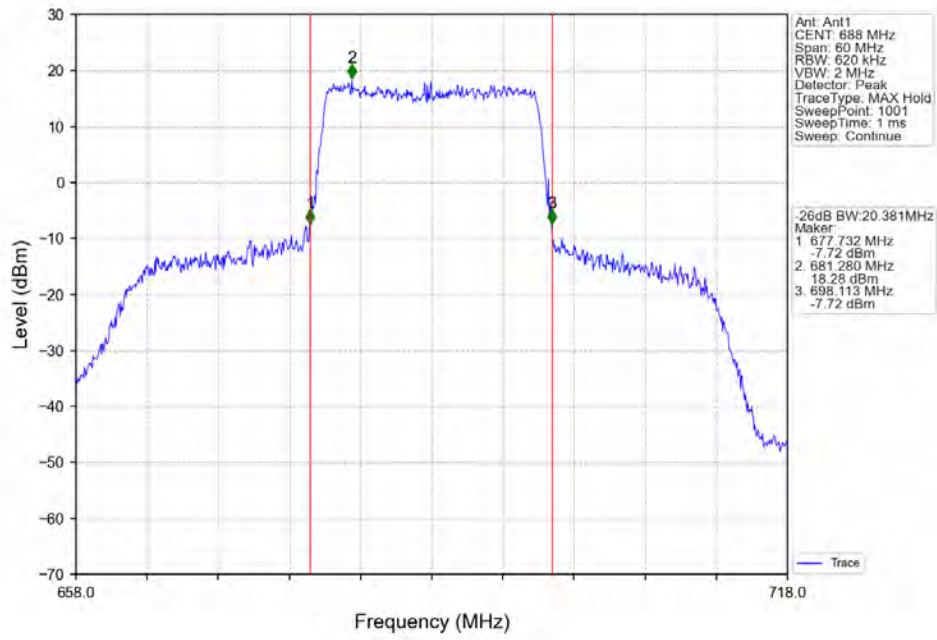
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



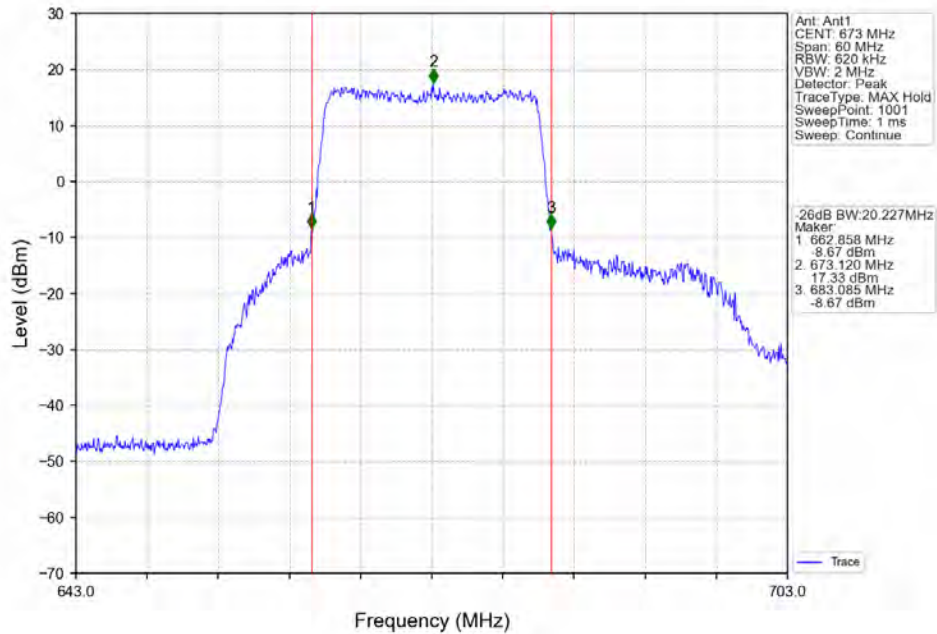
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



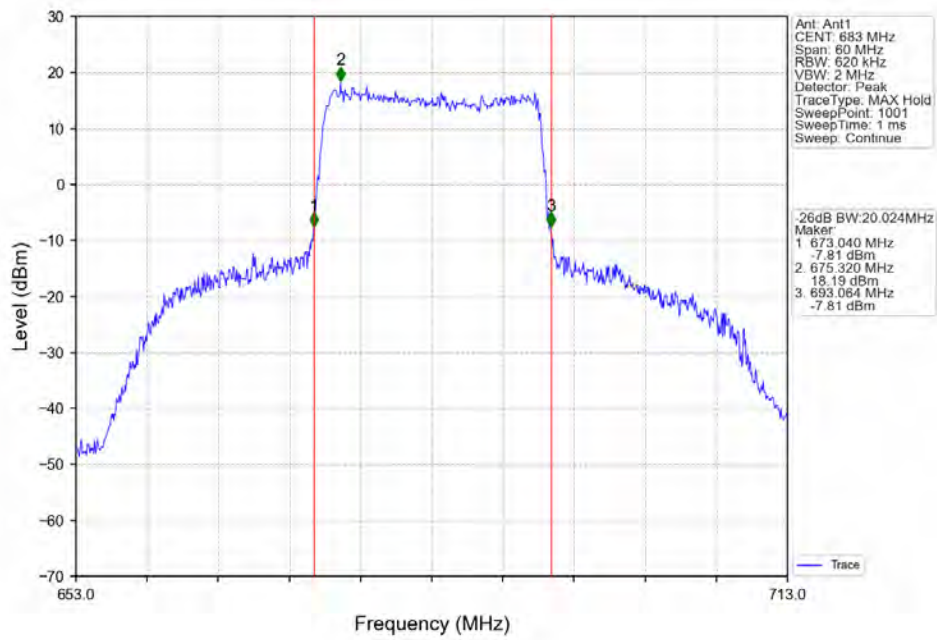
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



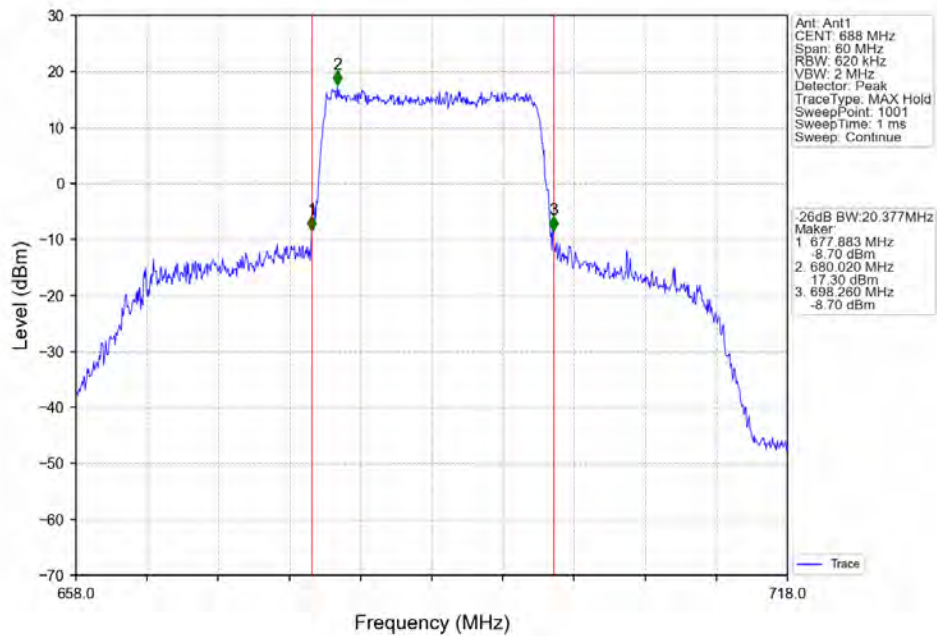
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



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



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



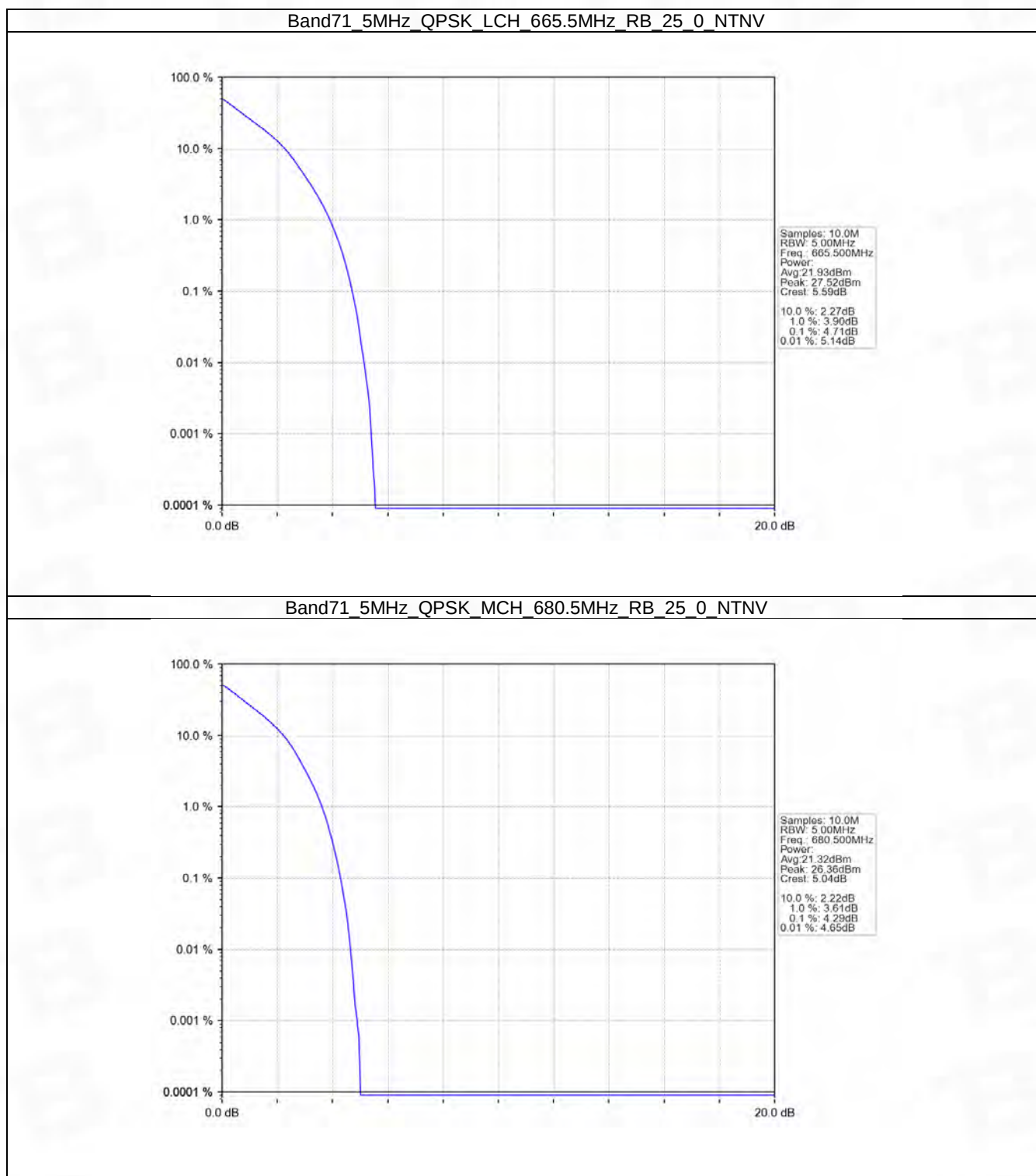
5. Peak-Average Ratio

5.1 B71_5MHz

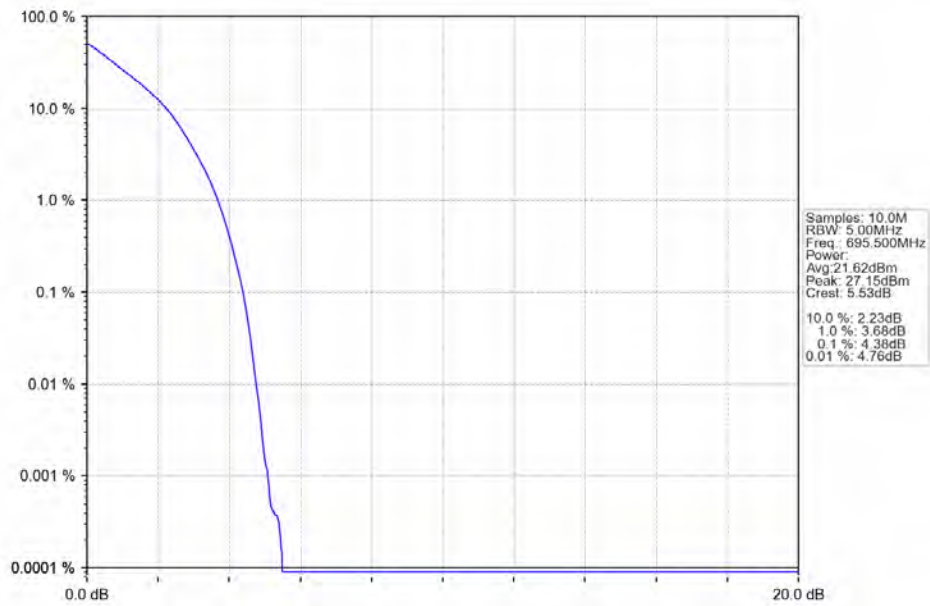
5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	4.71	<=13	Pass
	680.5	25	0	4.29	<=13	Pass
	695.5	25	0	4.38	<=13	Pass
16QAM	665.5	25	0	5.42	<=13	Pass
	680.5	25	0	5.06	<=13	Pass
	695.5	25	0	5.14	<=13	Pass

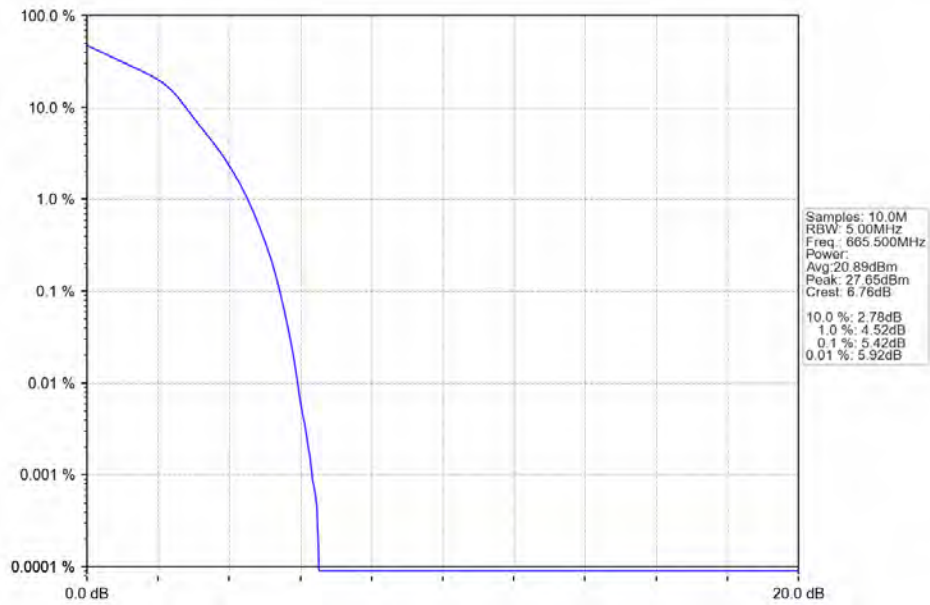
5.1.2 Test Graph



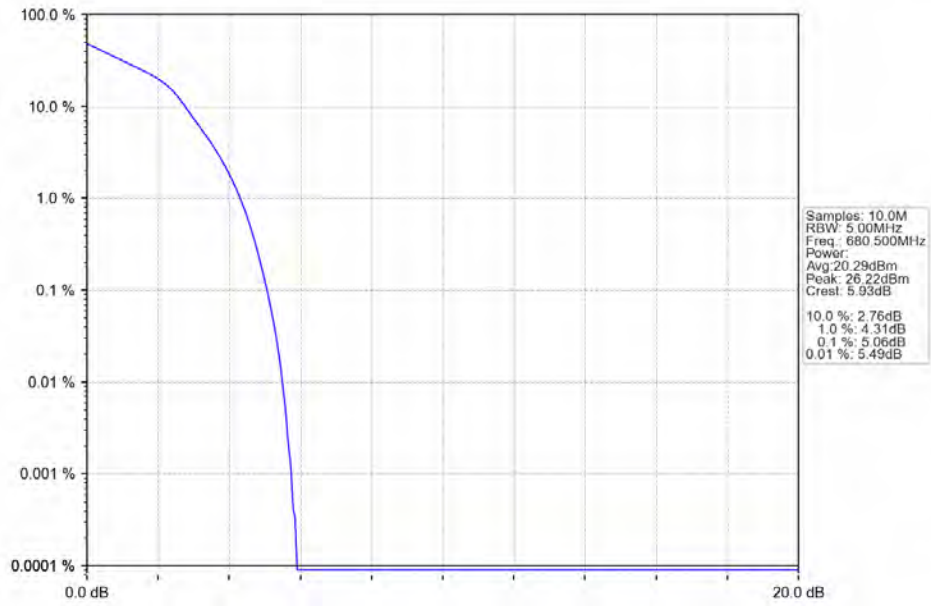
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



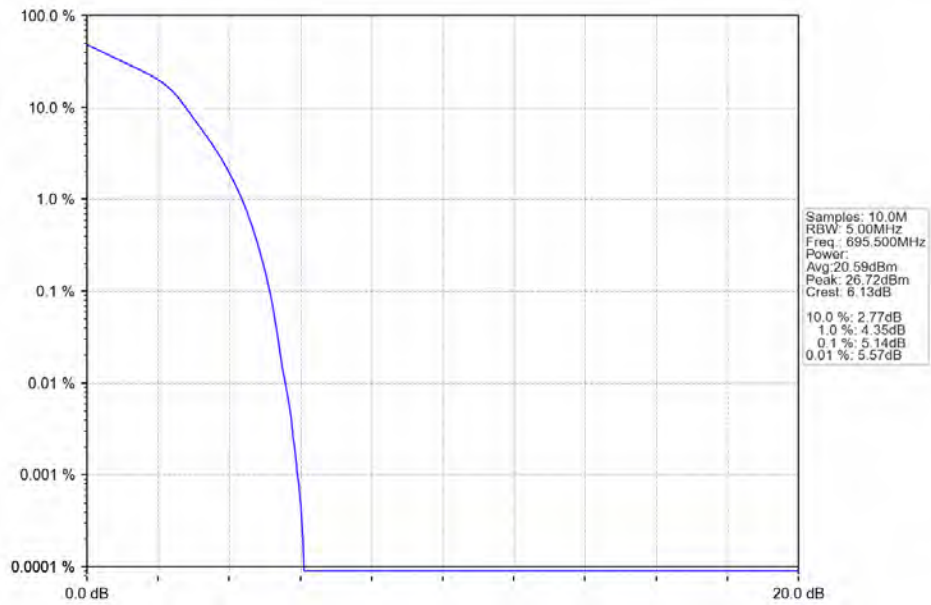
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



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



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

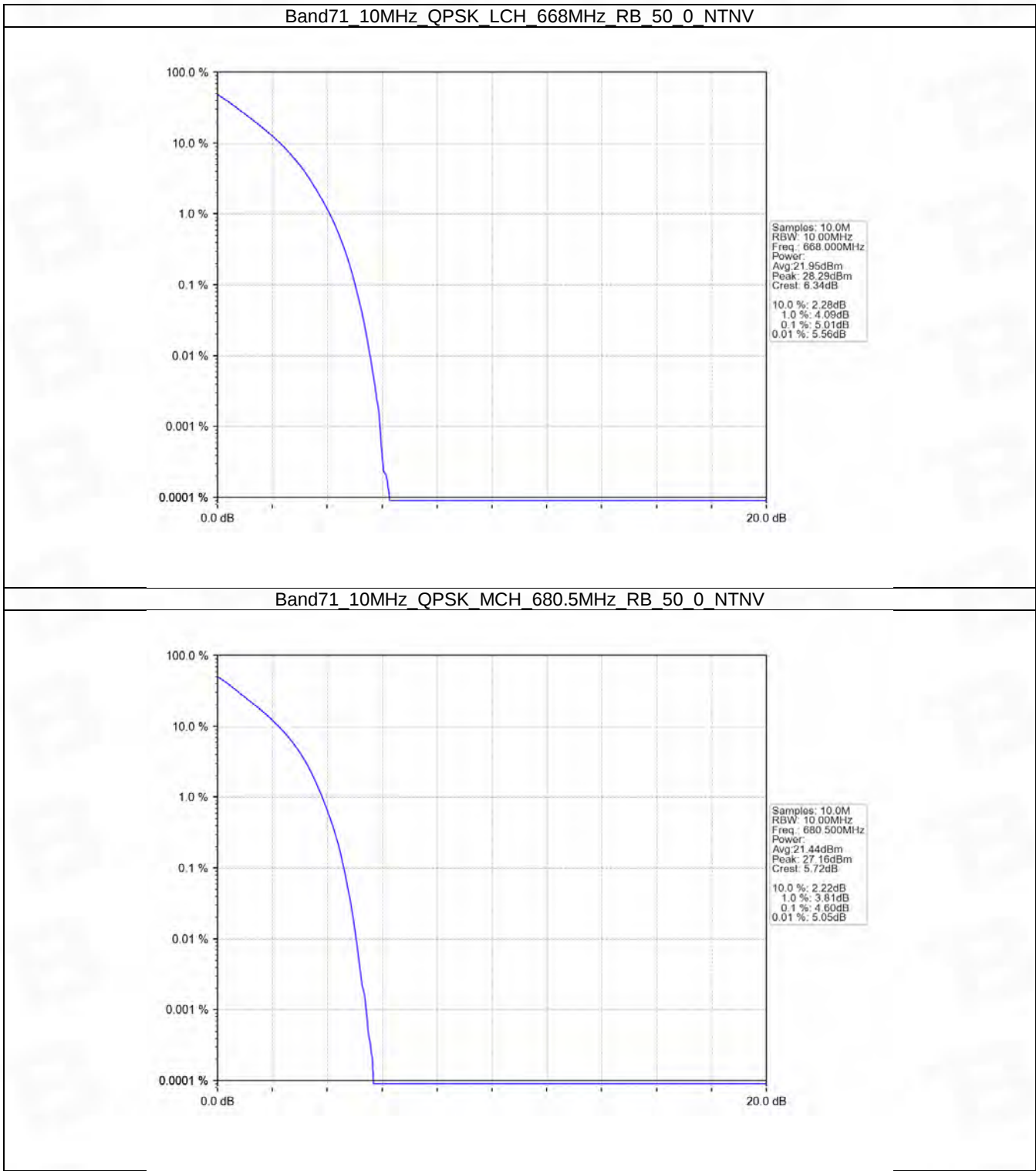


5.2 B71_10MHz

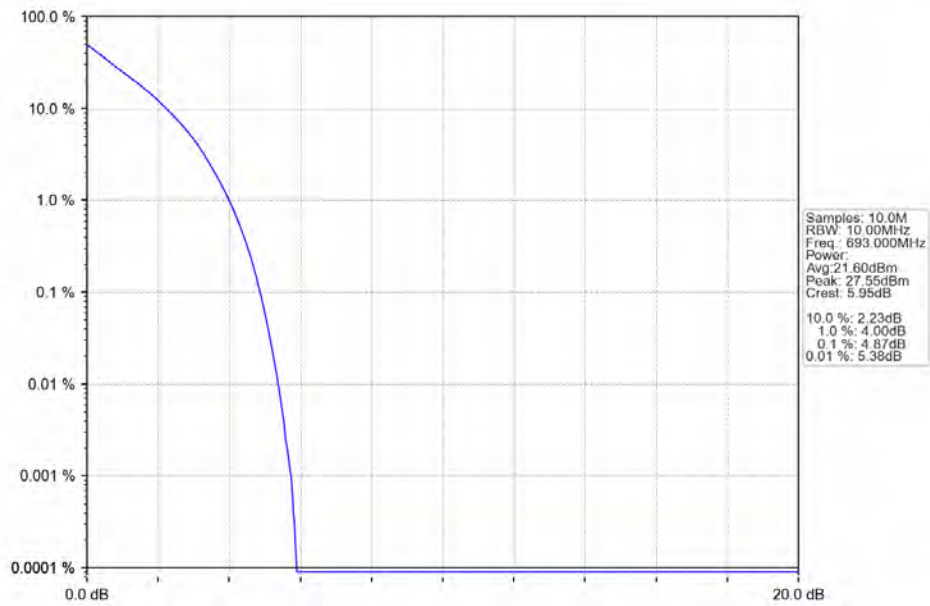
5.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.01	<=13	Pass
	680.5	50	0	4.60	<=13	Pass
	693	50	0	4.87	<=13	Pass
16QAM	668	50	0	5.74	<=13	Pass
	680.5	50	0	5.34	<=13	Pass
	693	50	0	5.61	<=13	Pass

5.2.2 Test Graph



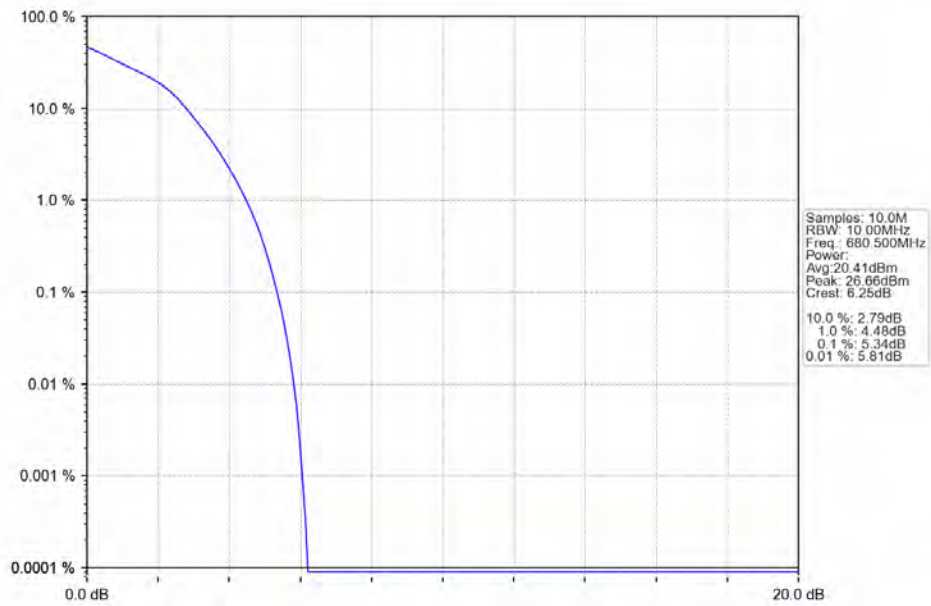
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



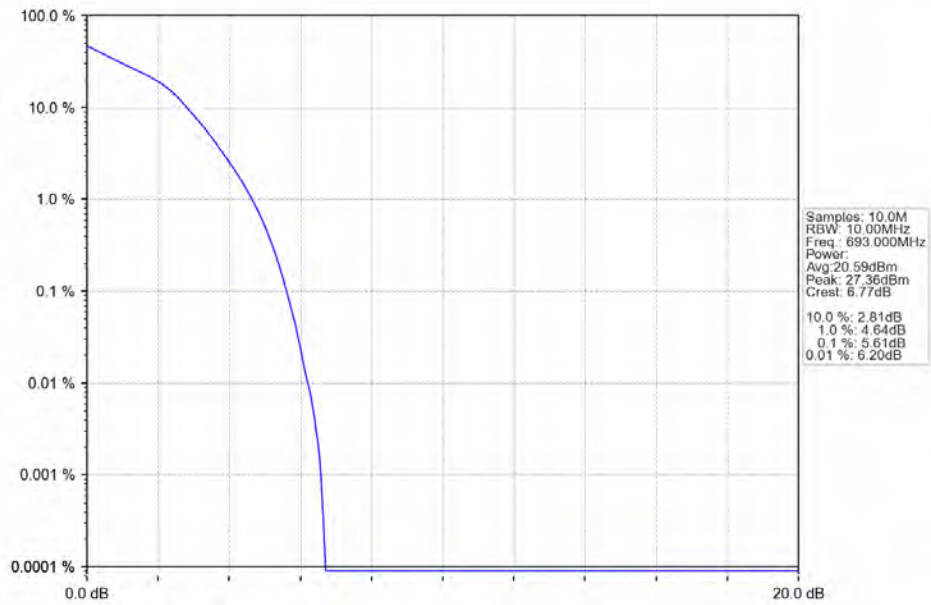
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTN



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



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

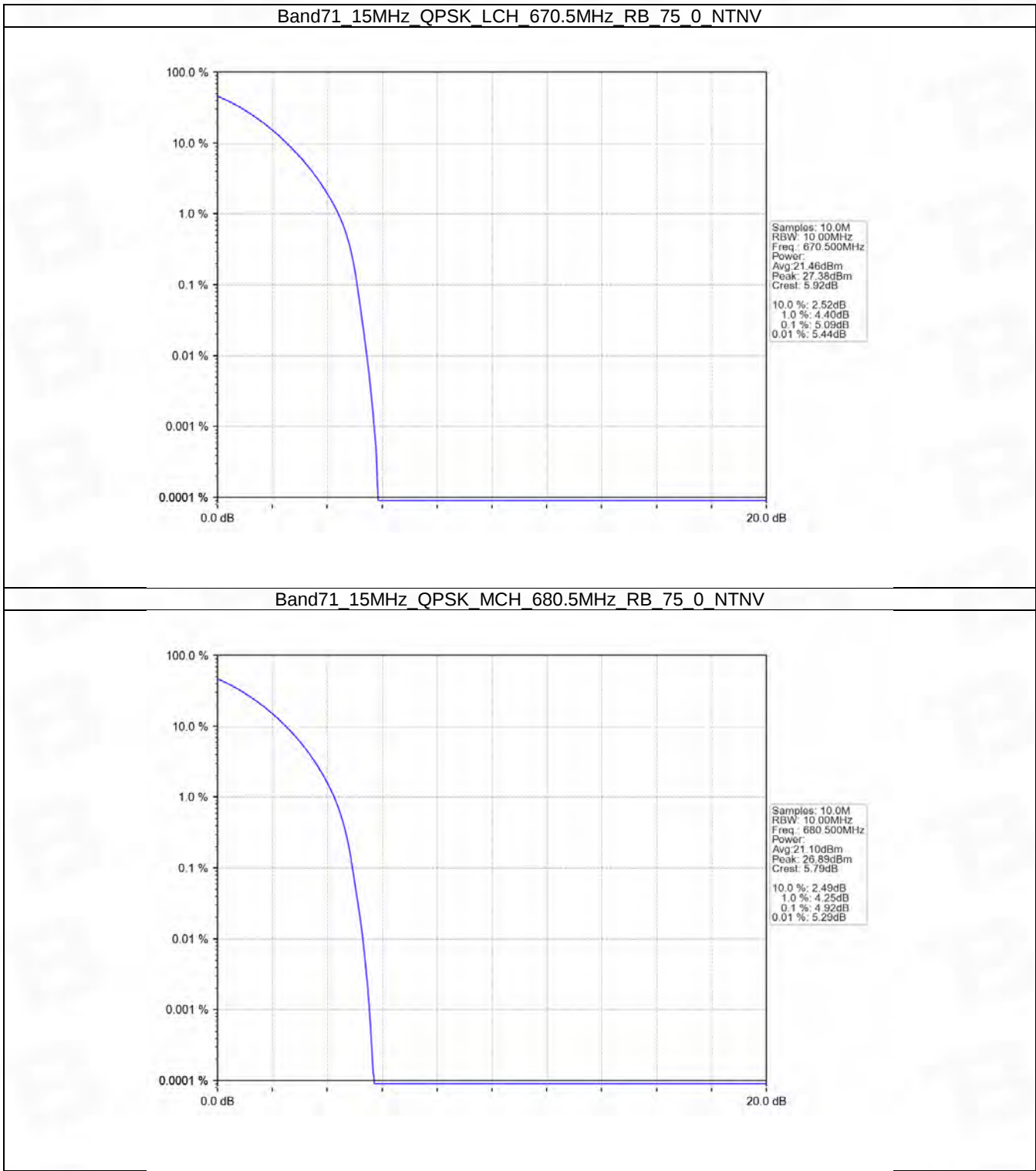


5.3 B71_15MHz

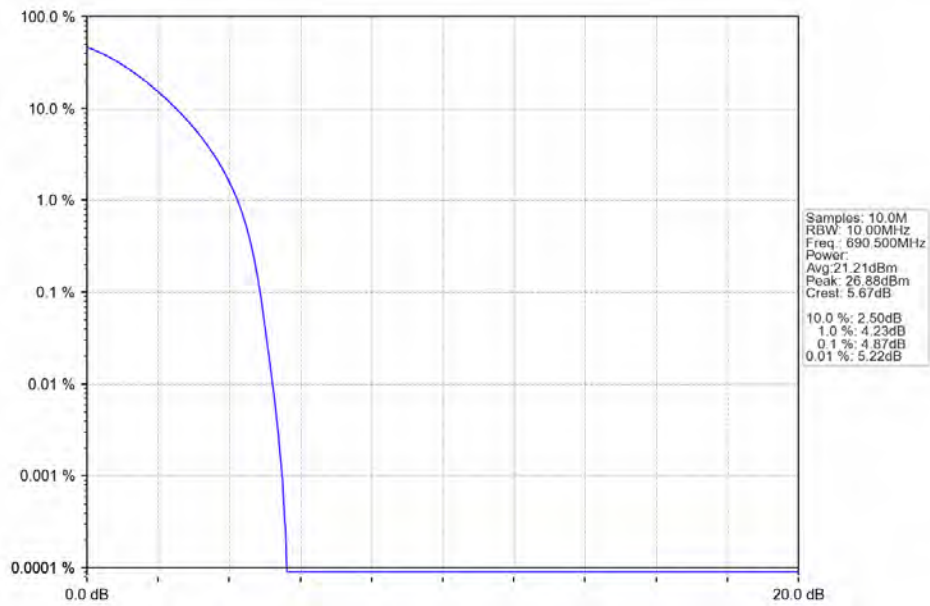
5.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.09	<=13	Pass
	680.5	75	0	4.92	<=13	Pass
	690.5	75	0	4.87	<=13	Pass
16QAM	670.5	75	0	5.86	<=13	Pass
	680.5	75	0	5.67	<=13	Pass
	690.5	75	0	5.72	<=13	Pass

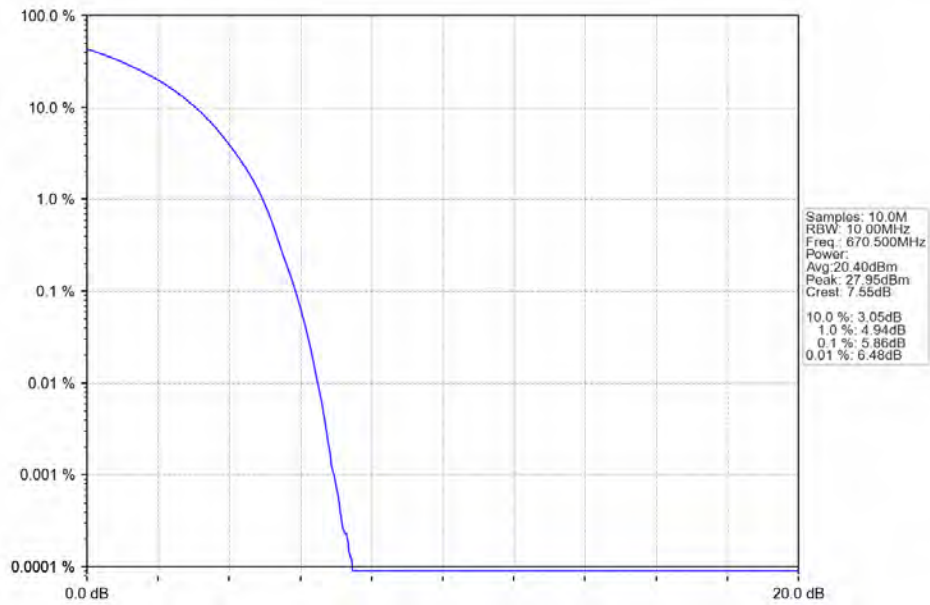
5.3.2 Test Graph



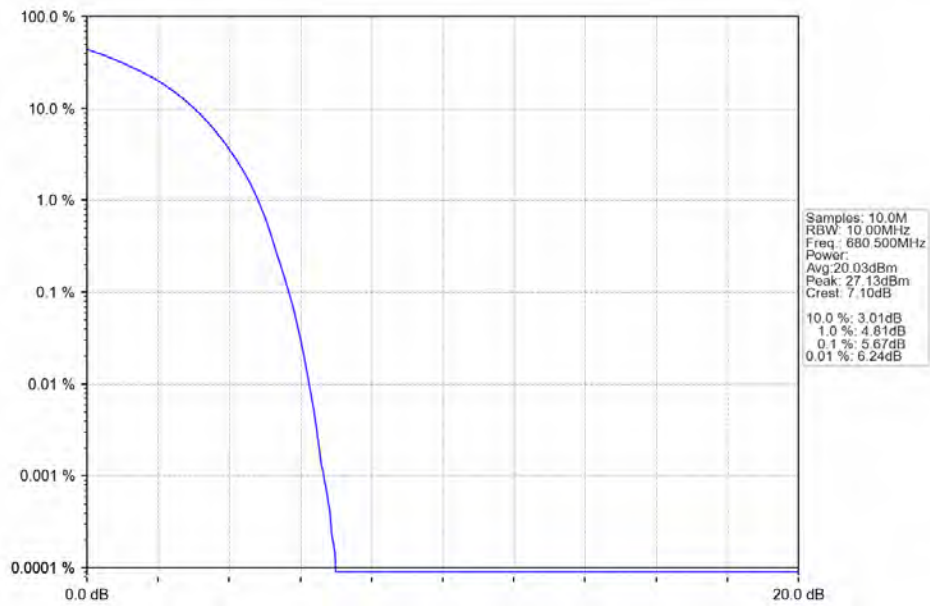
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



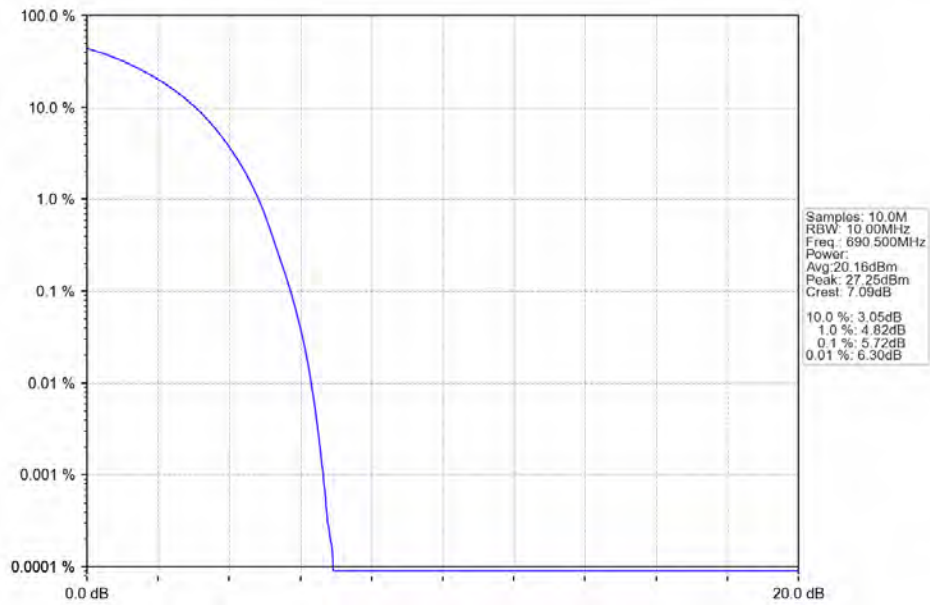
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



Band71 15MHz 16QAM MCH 680.5MHz RB 75.0 NTNV



Band71 15MHz 16QAM HCH 690.5MHz RB 75.0 NTNV

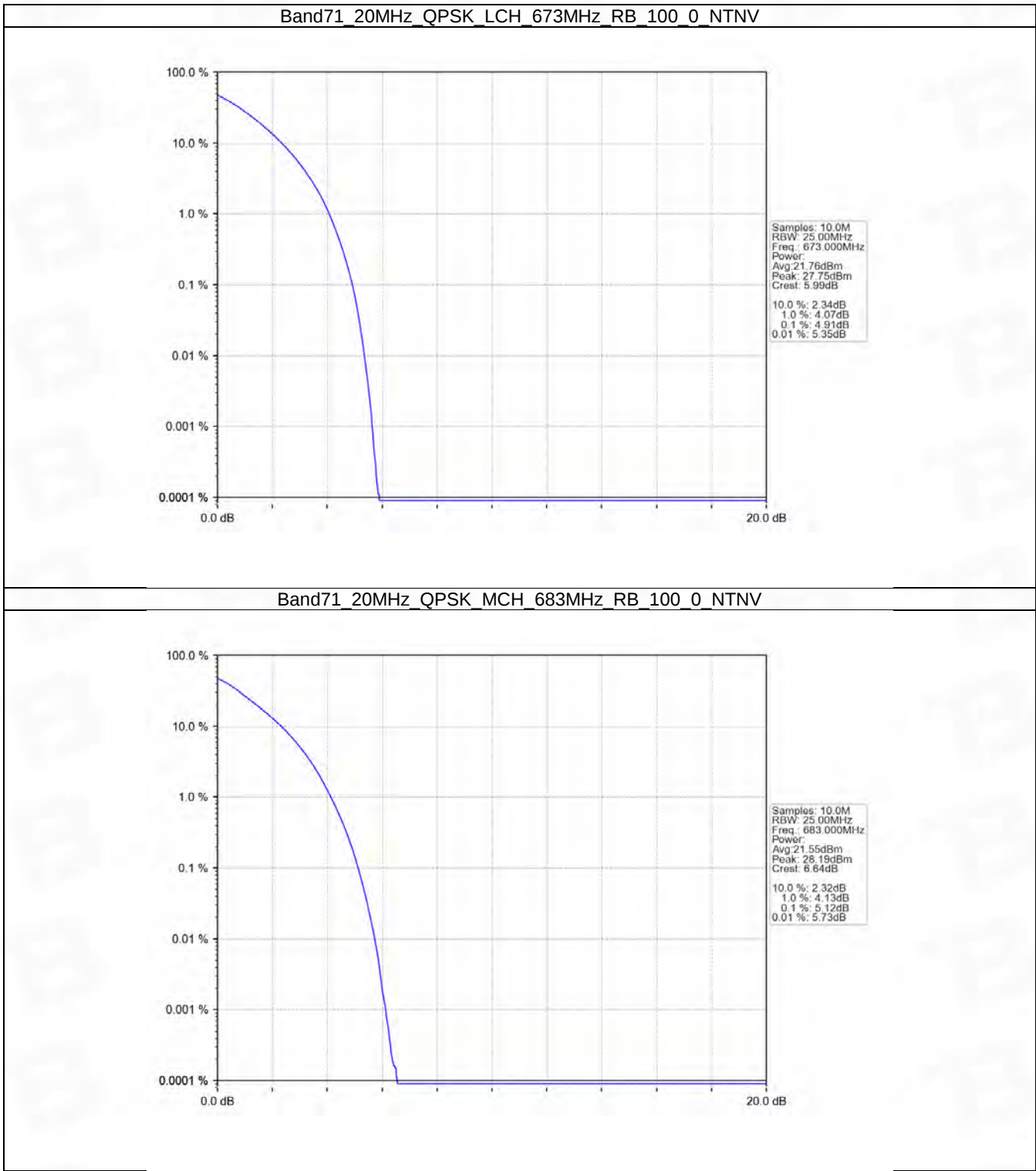


5.4 B71_20MHz

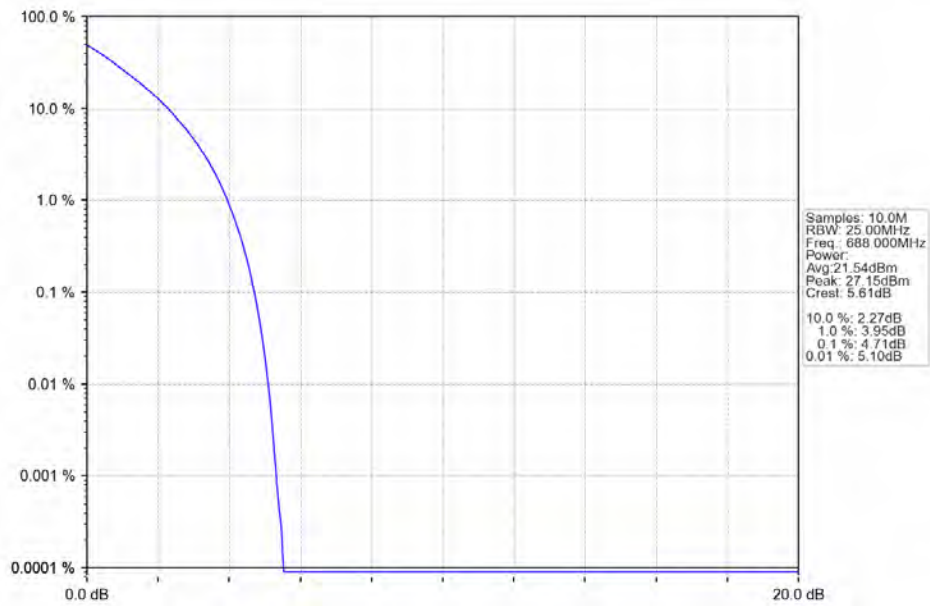
5.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	4.91	<=13	Pass
	683	100	0	5.12	<=13	Pass
	688	100	0	4.71	<=13	Pass
16QAM	673	100	0	5.67	<=13	Pass
	683	100	0	5.75	<=13	Pass
	688	100	0	5.51	<=13	Pass

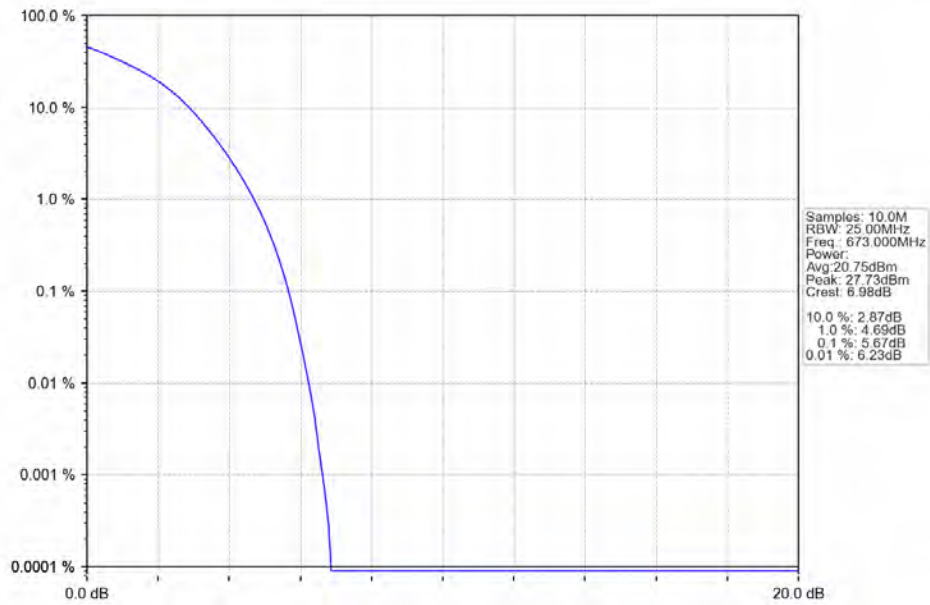
5.4.2 Test Graph



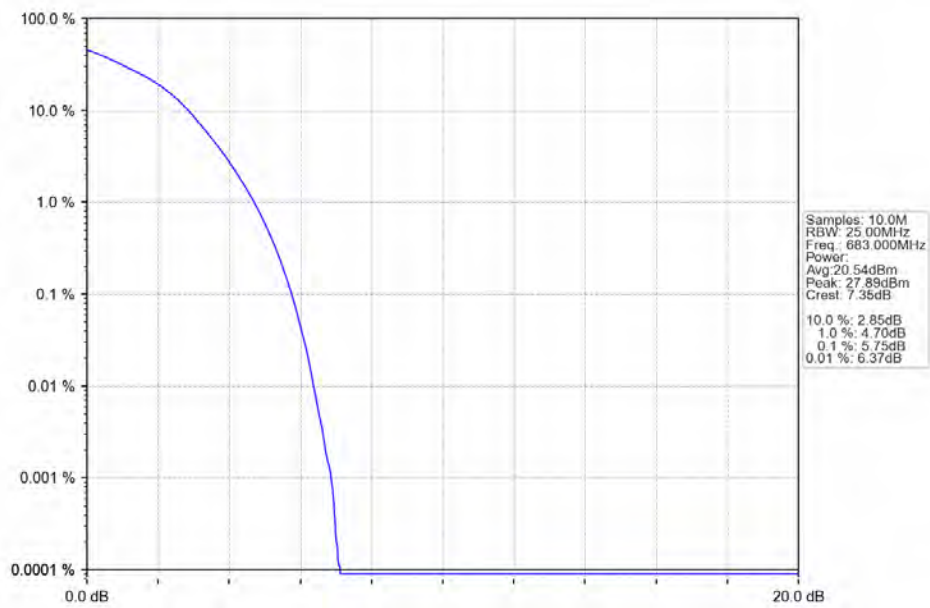
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



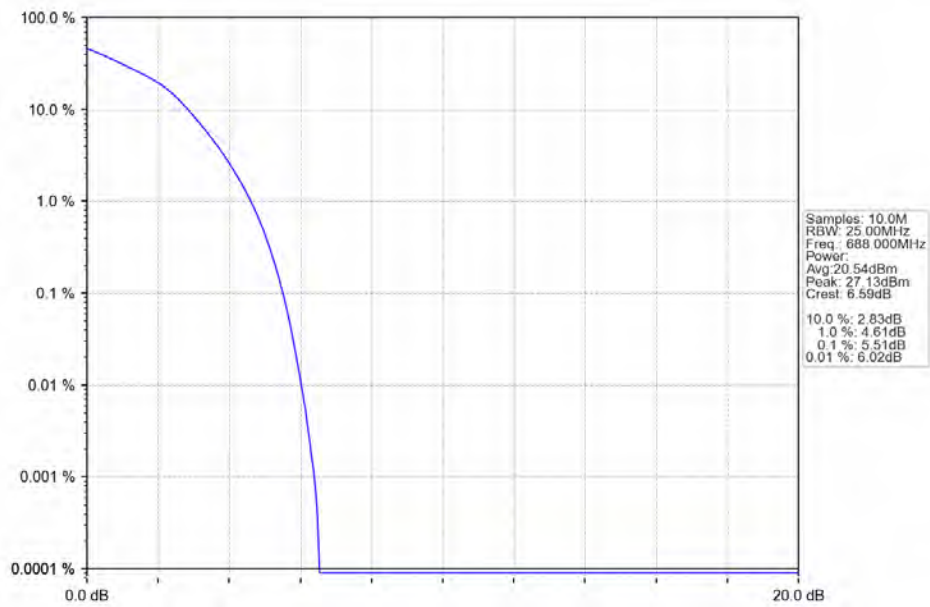
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



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



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



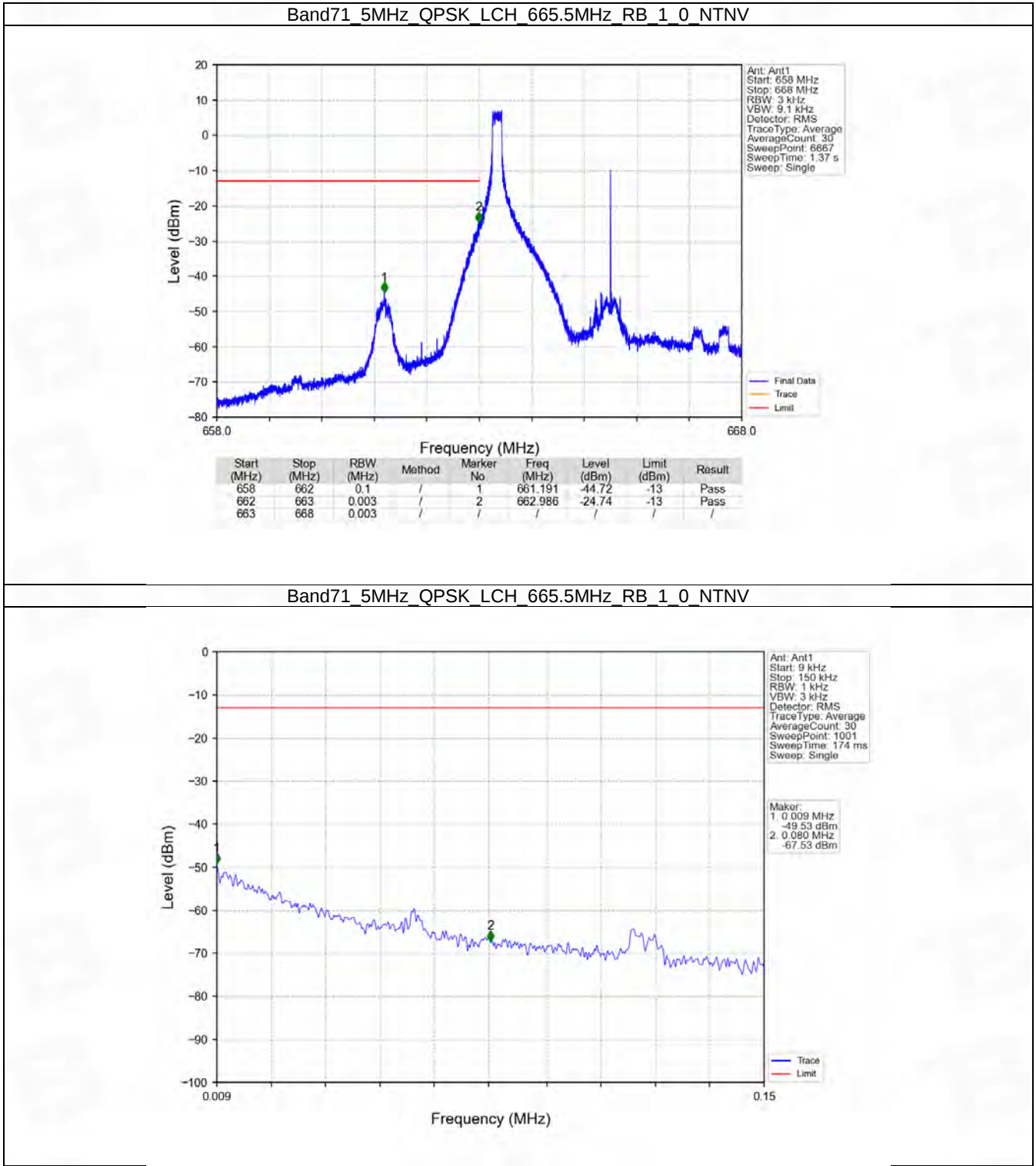
6. Spurious Emission

6.1 B71_5MHz

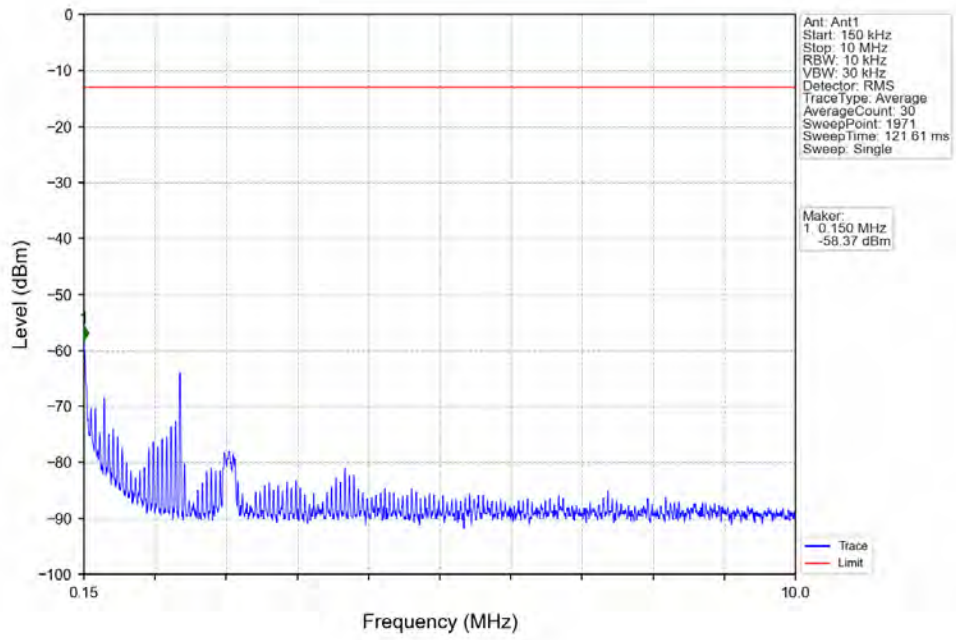
6.1.1 Test Result

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

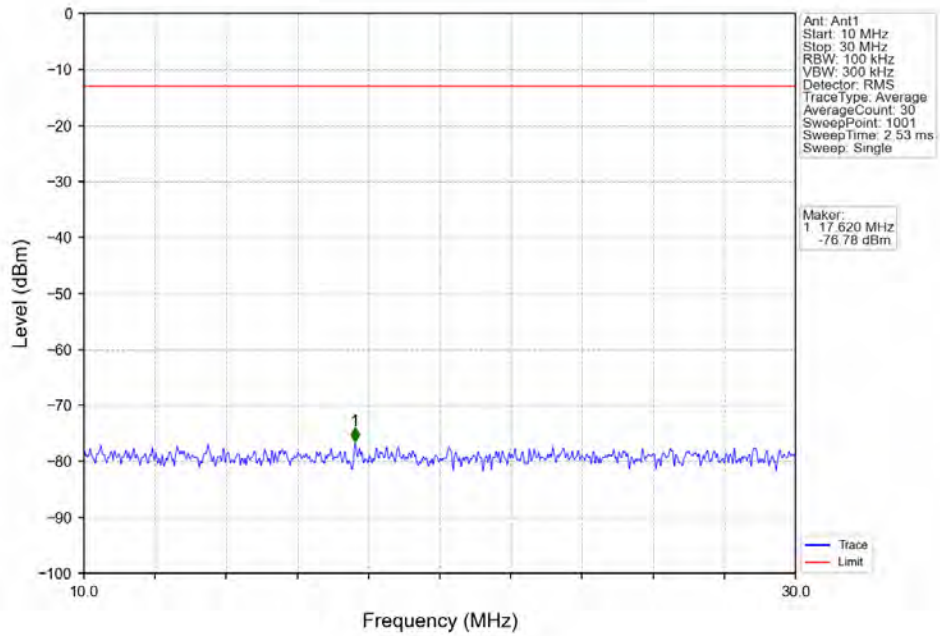
6.1.2 Test Graph



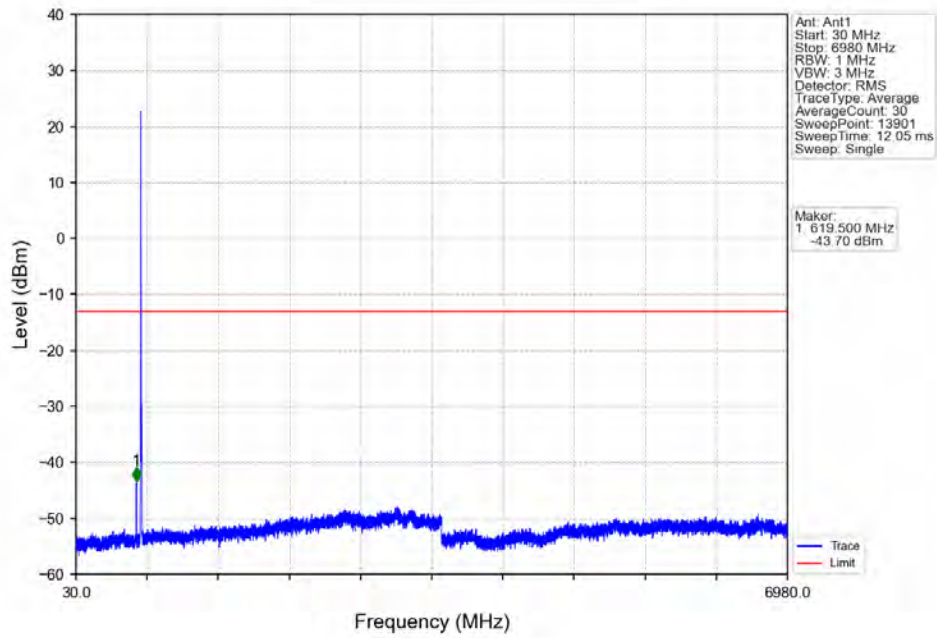
Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTNV



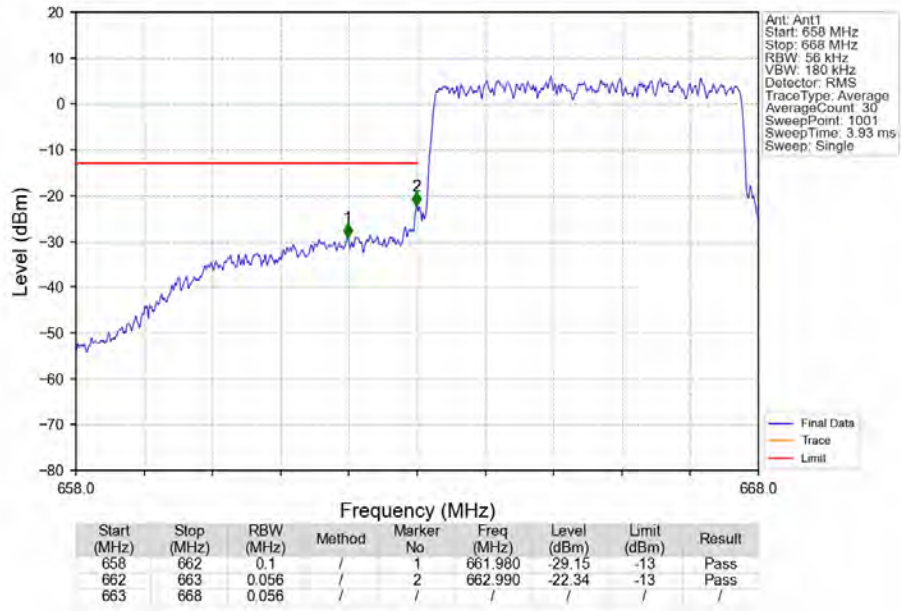
Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTNV



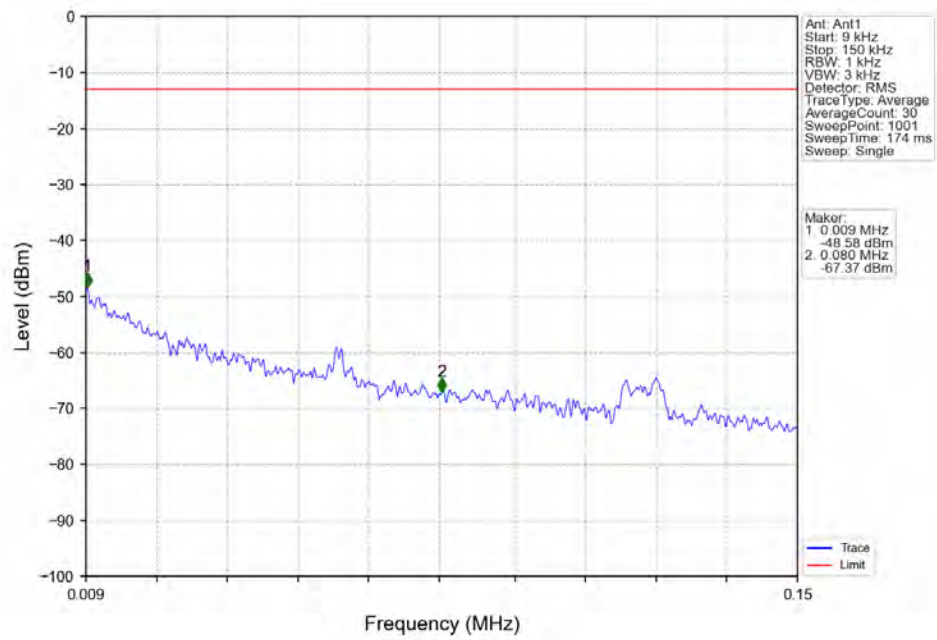
Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTNV



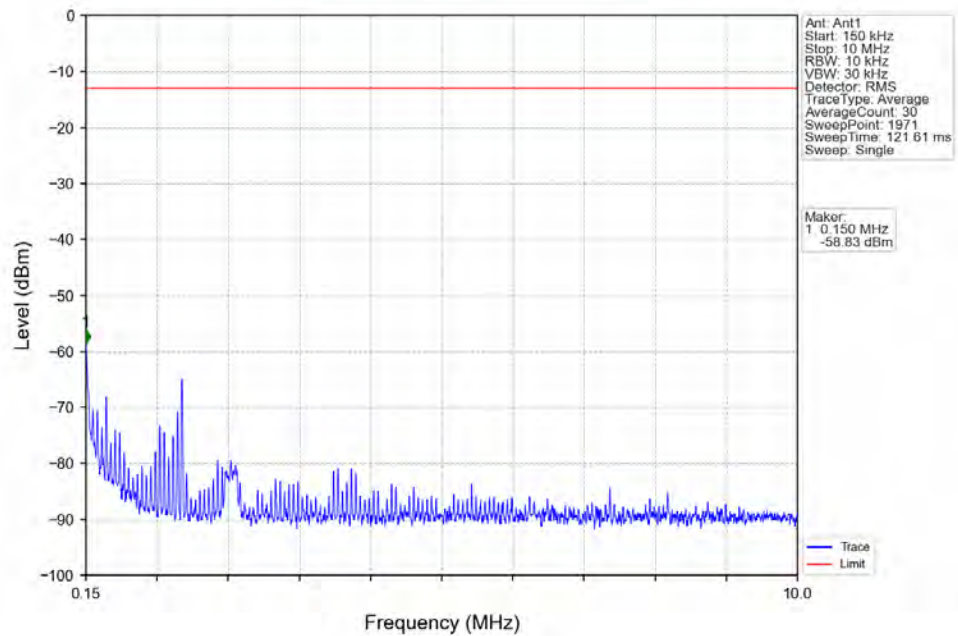
Band71 5MHz QPSK LCH 665.5MHz RB 25 0 NTNV



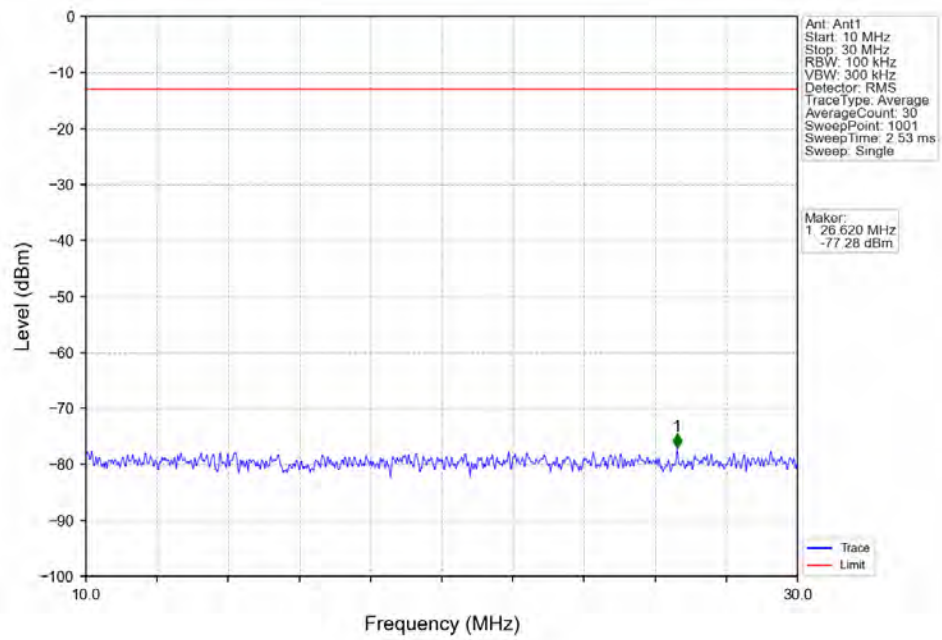
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



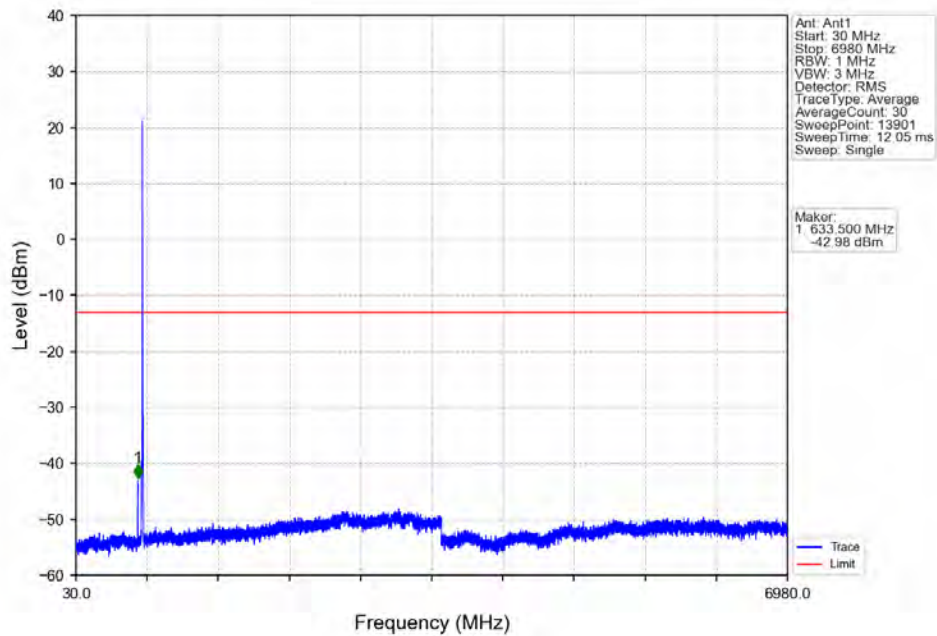
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



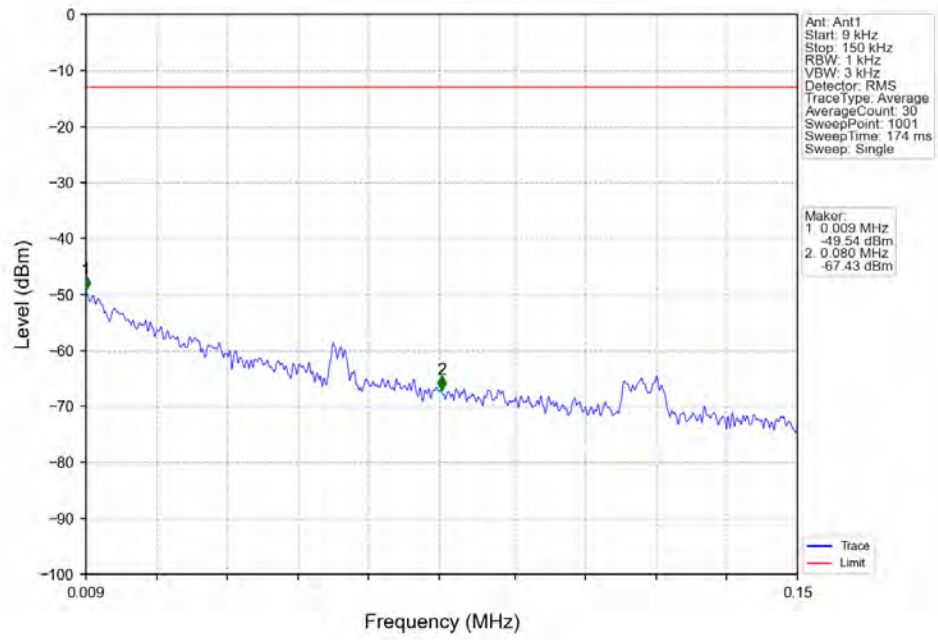
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTN



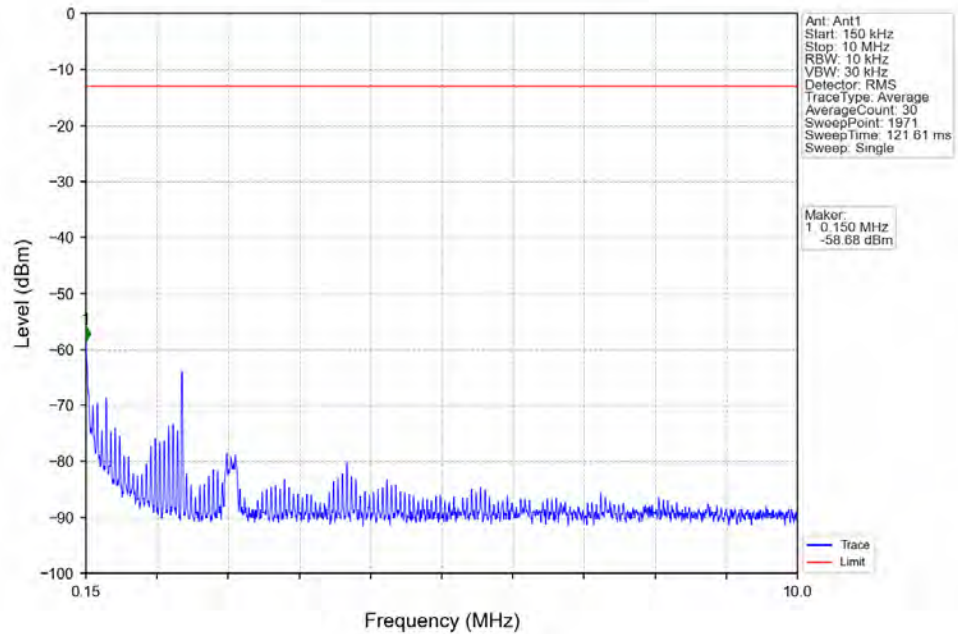
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTN



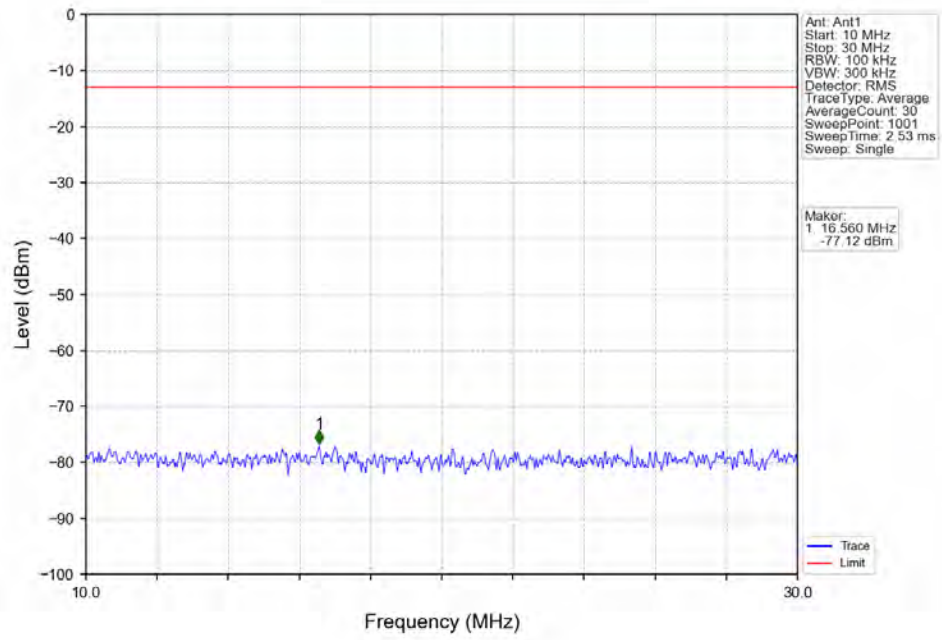
Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN



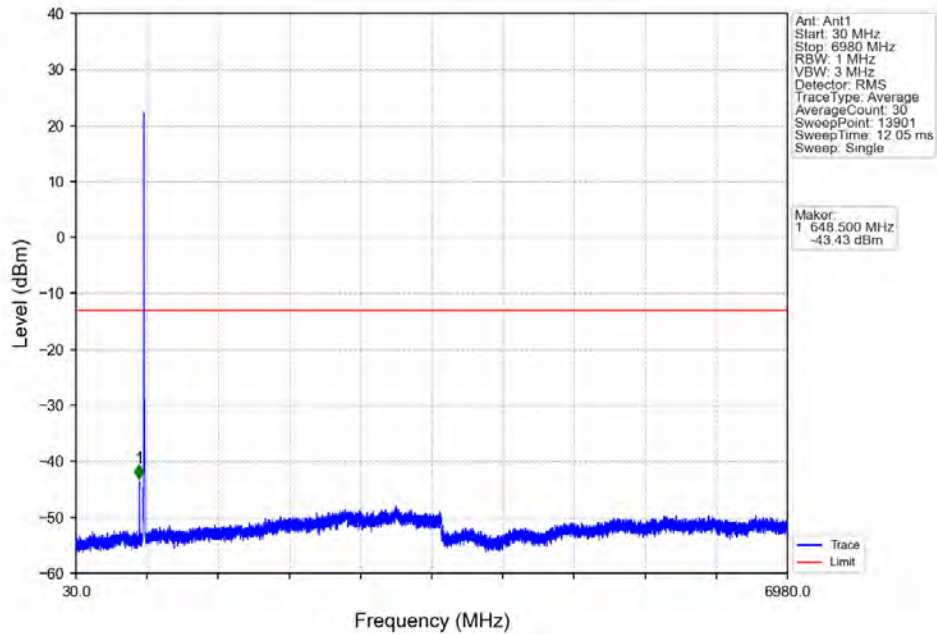
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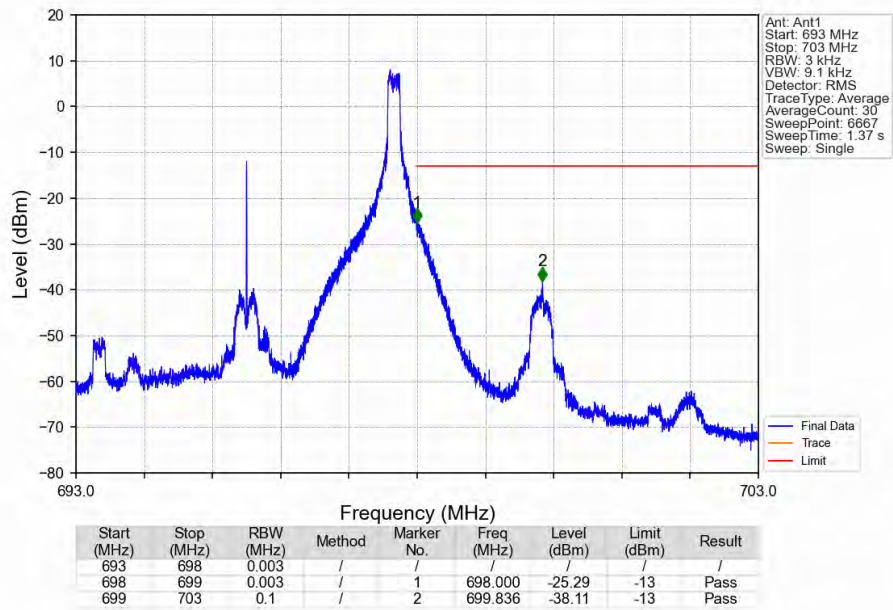
Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTNV



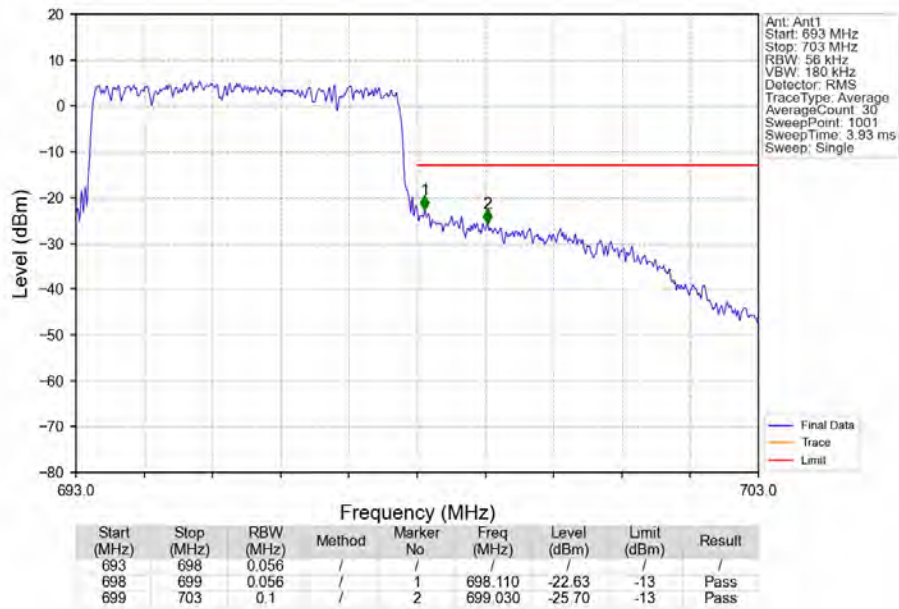
Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTNV



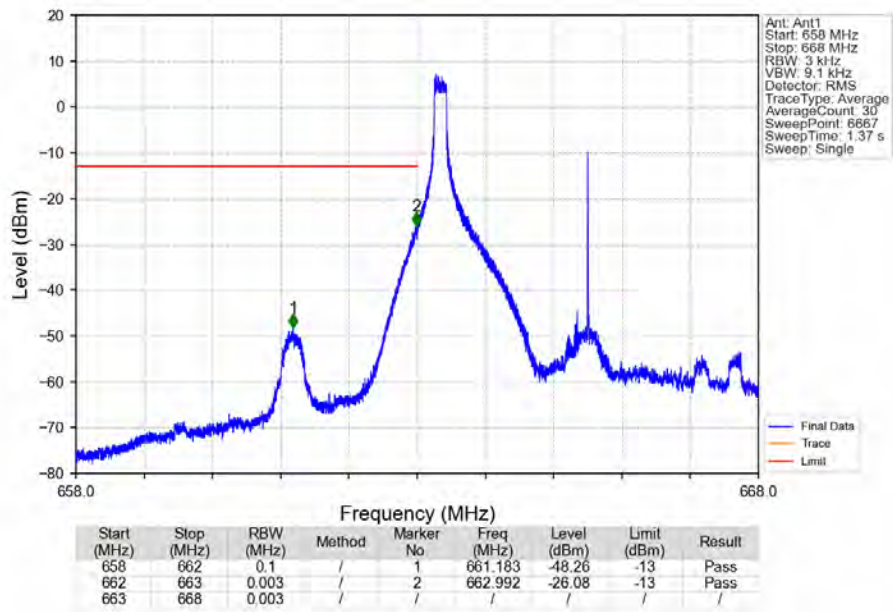
Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTV



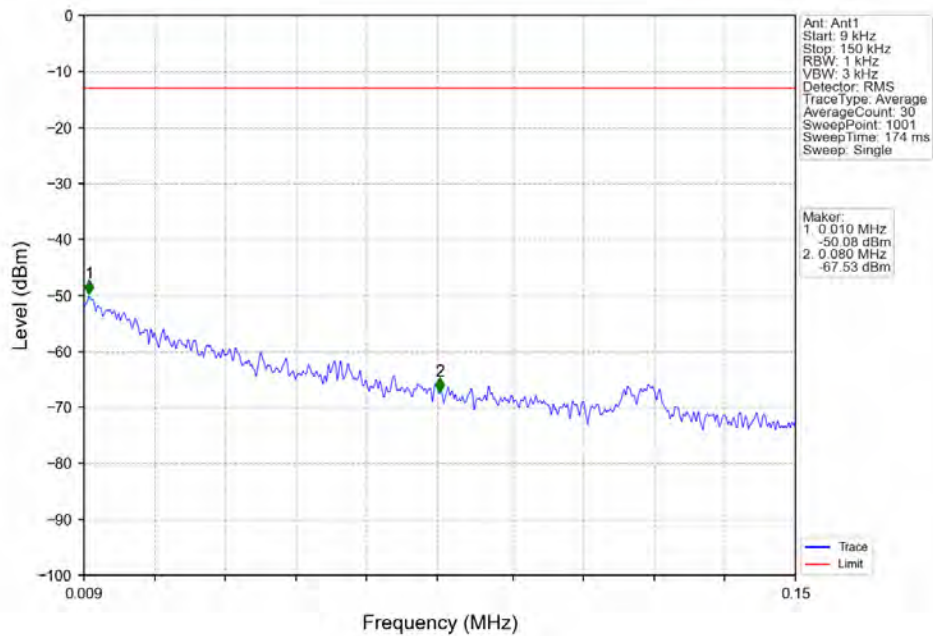
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV



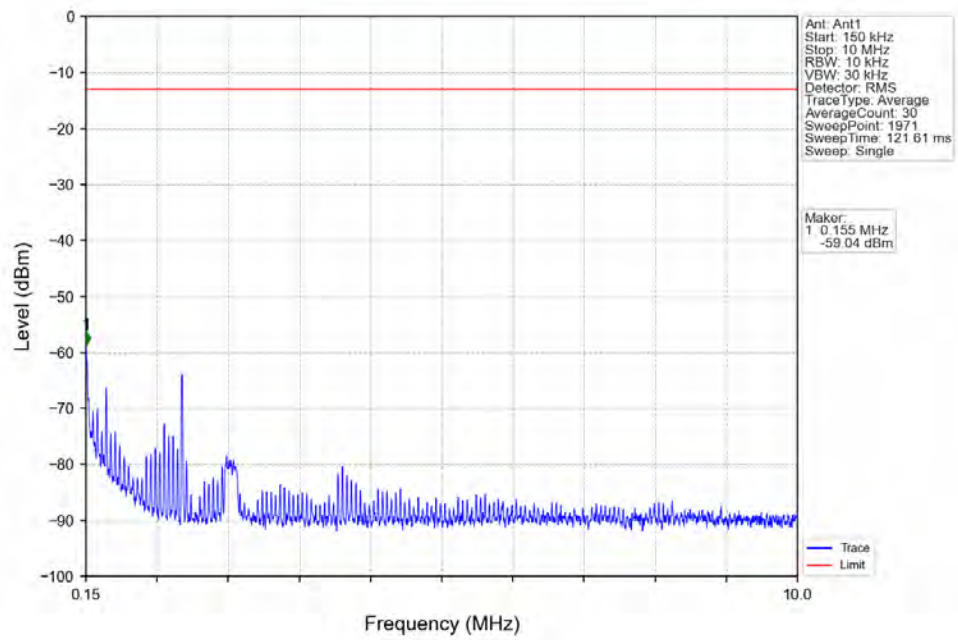
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTV



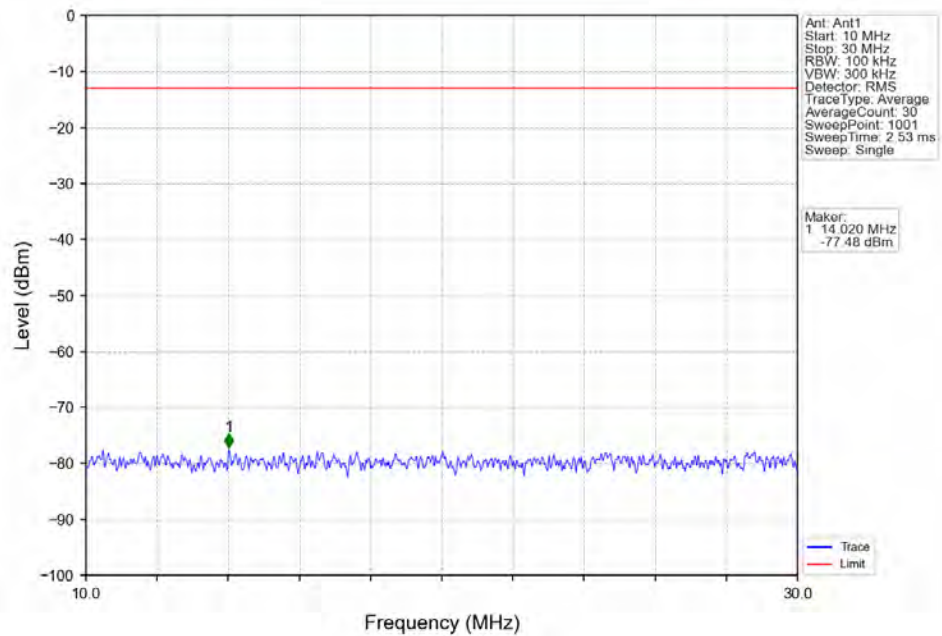
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTV



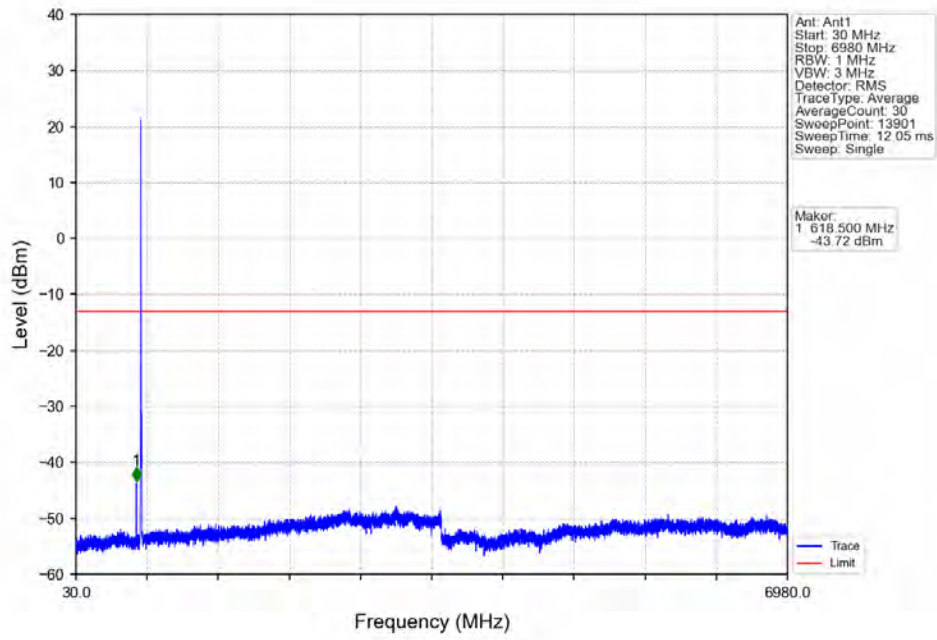
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV



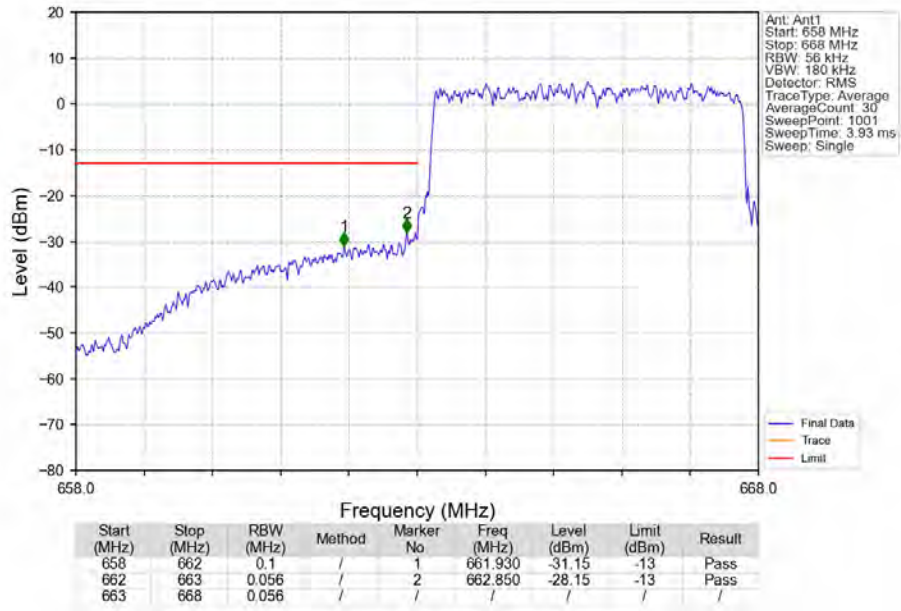
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV



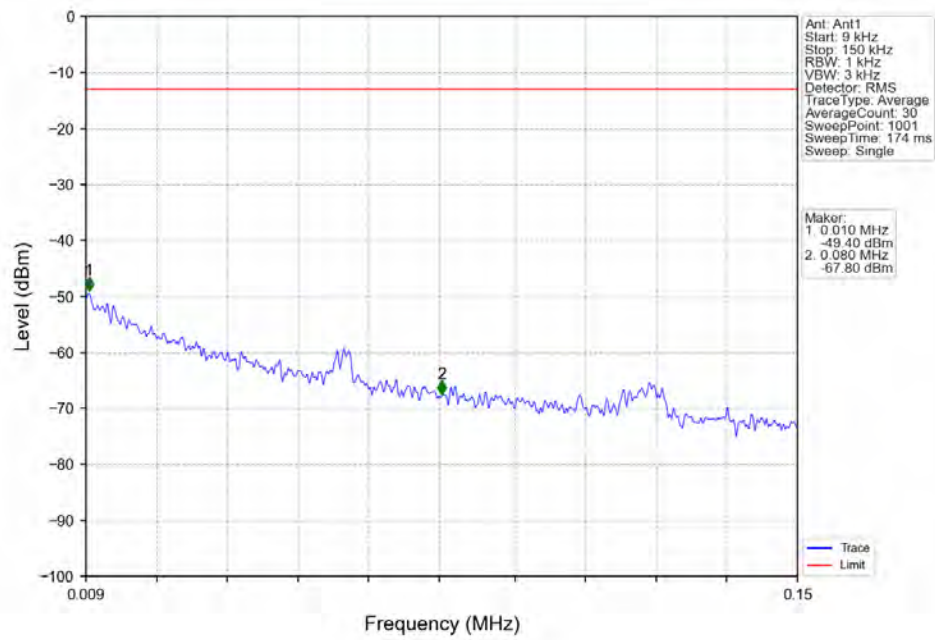
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV



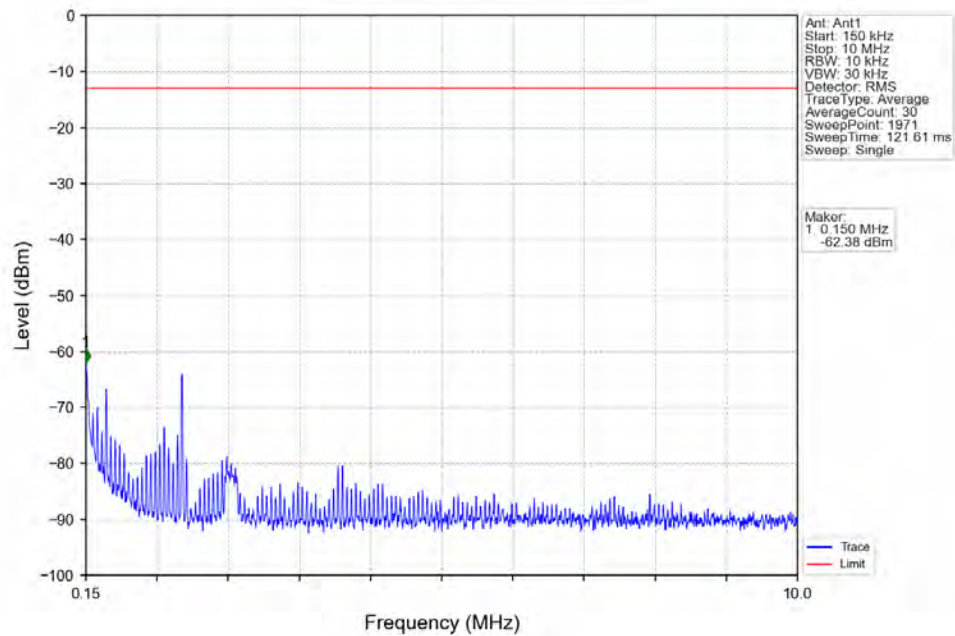
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



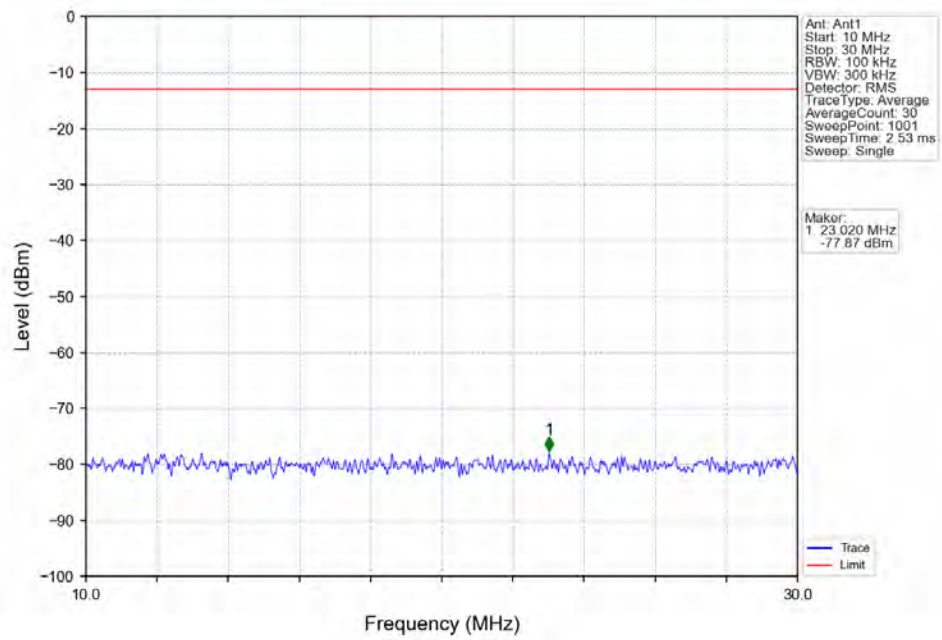
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



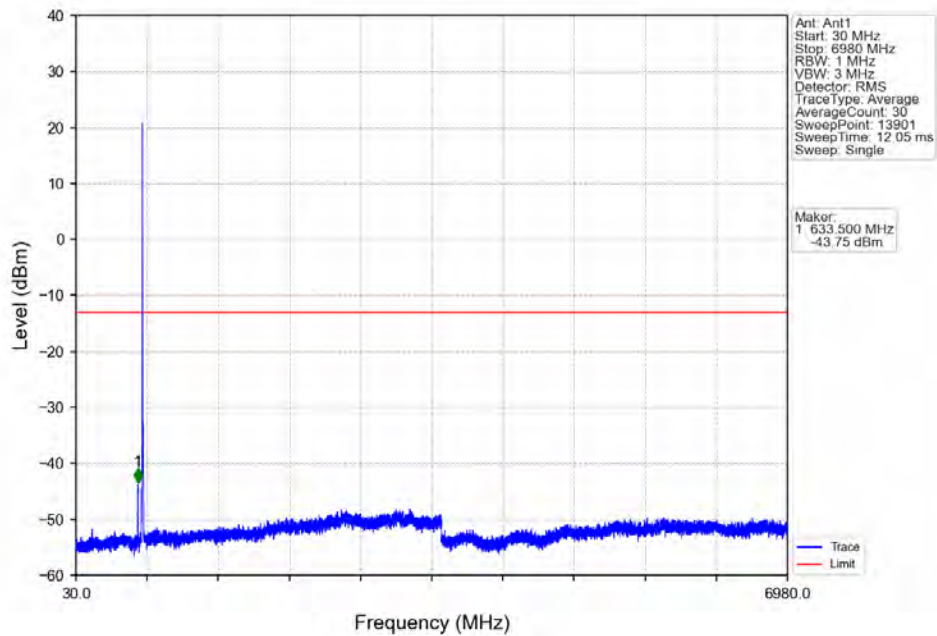
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



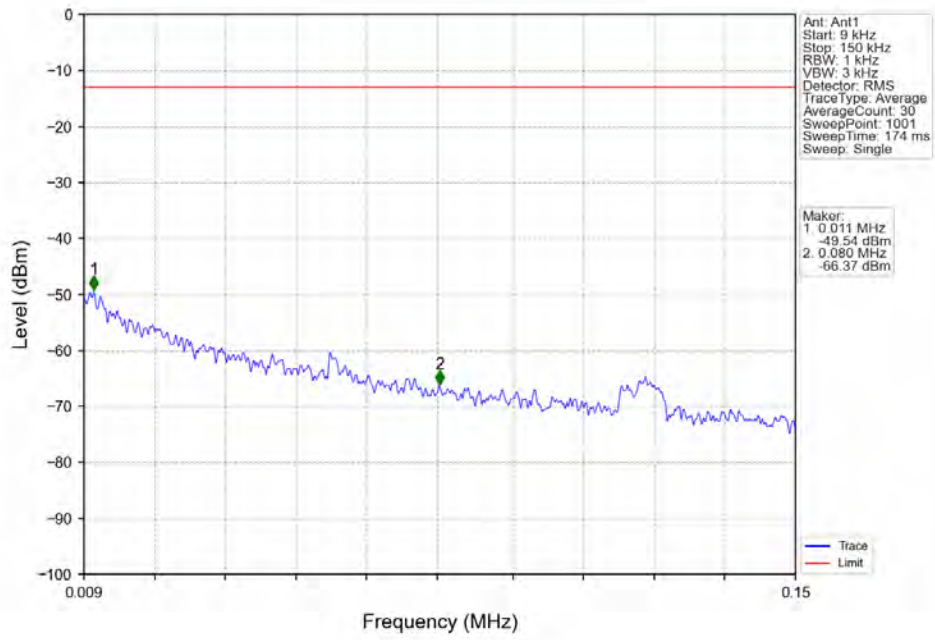
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



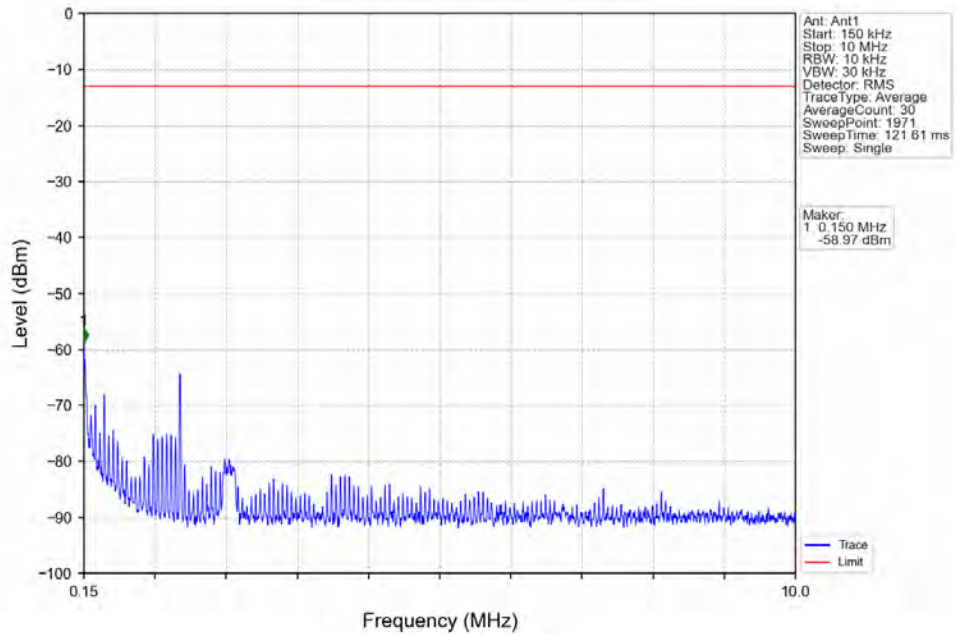
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



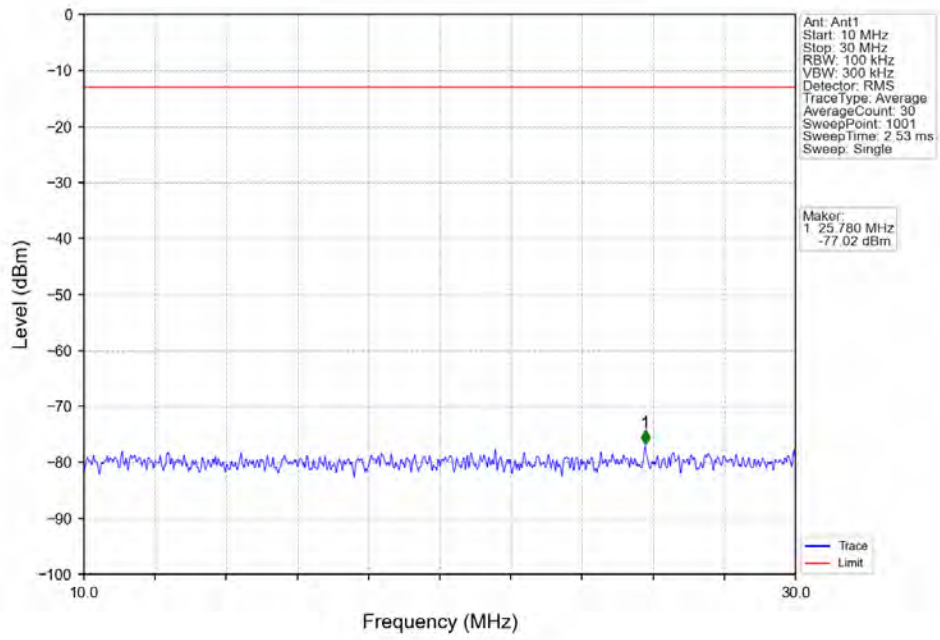
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



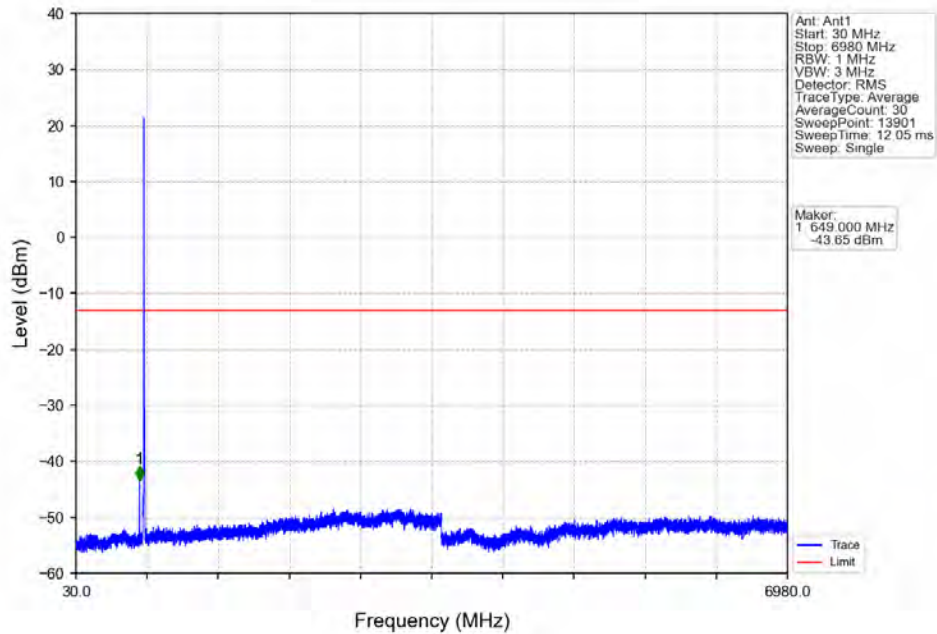
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



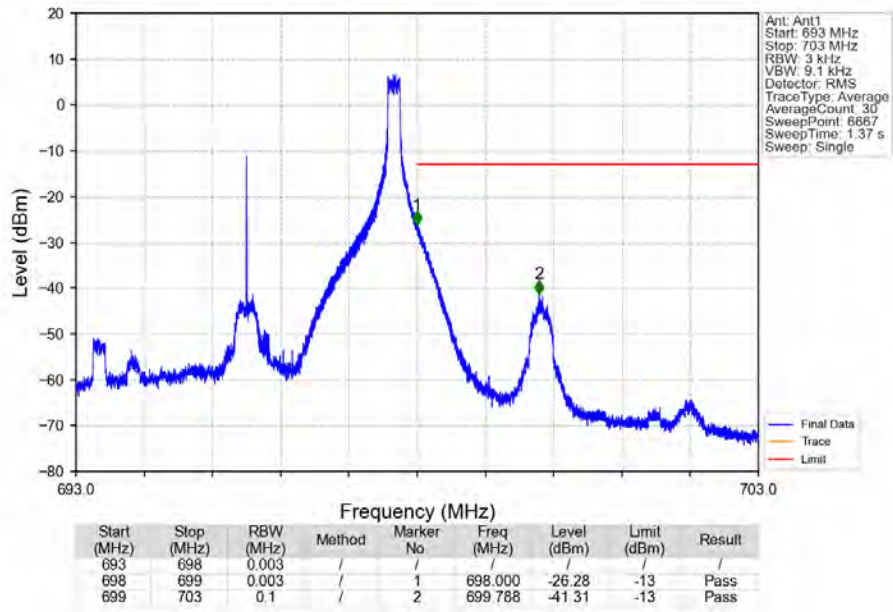
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



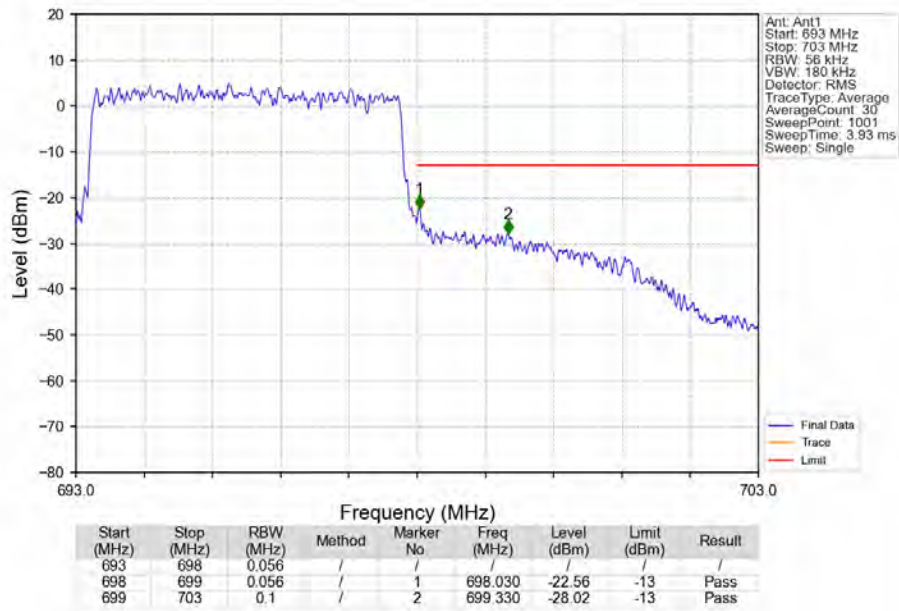
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



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



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

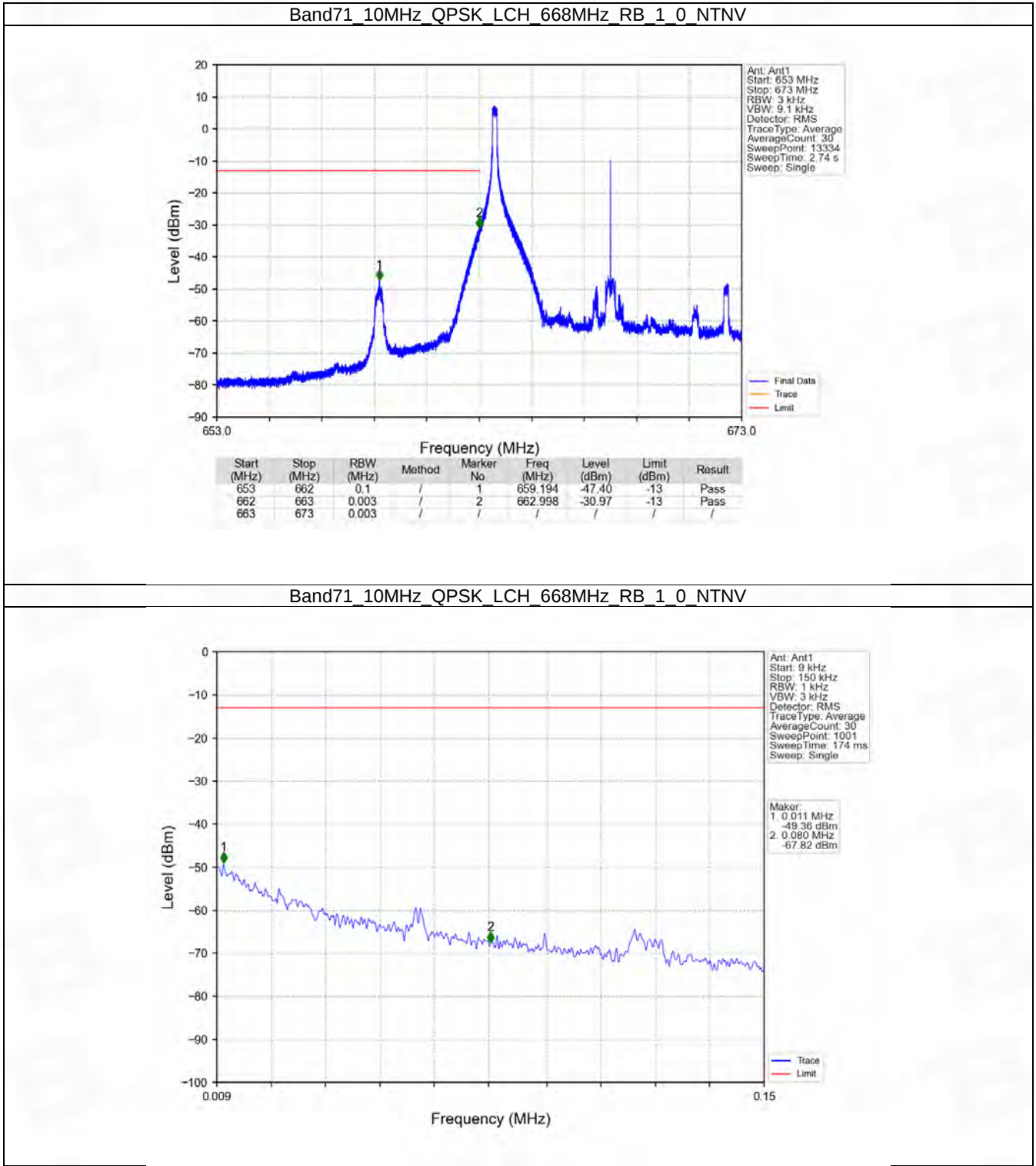


6.2 B71_10MHz

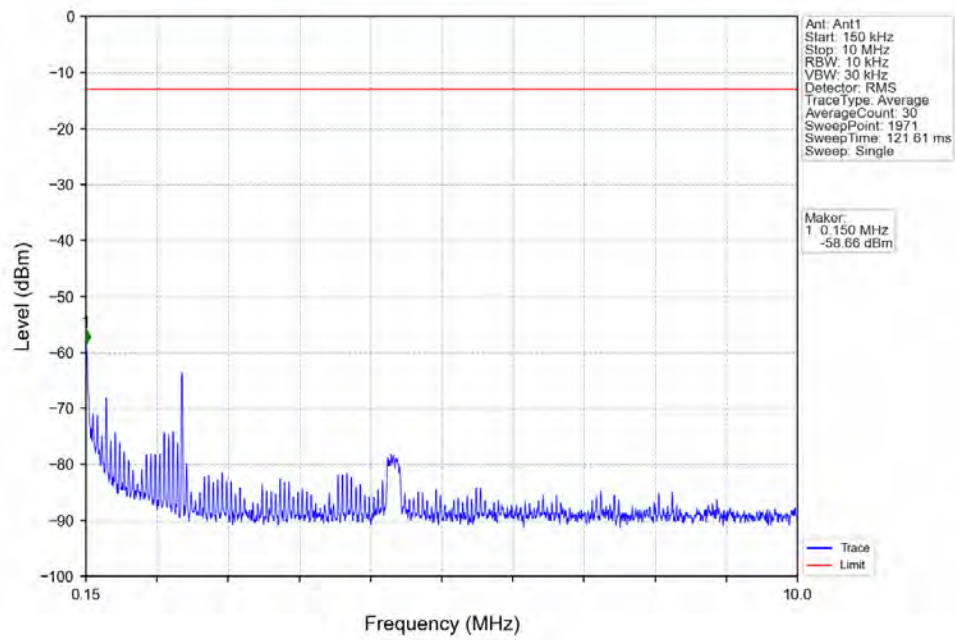
6.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		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

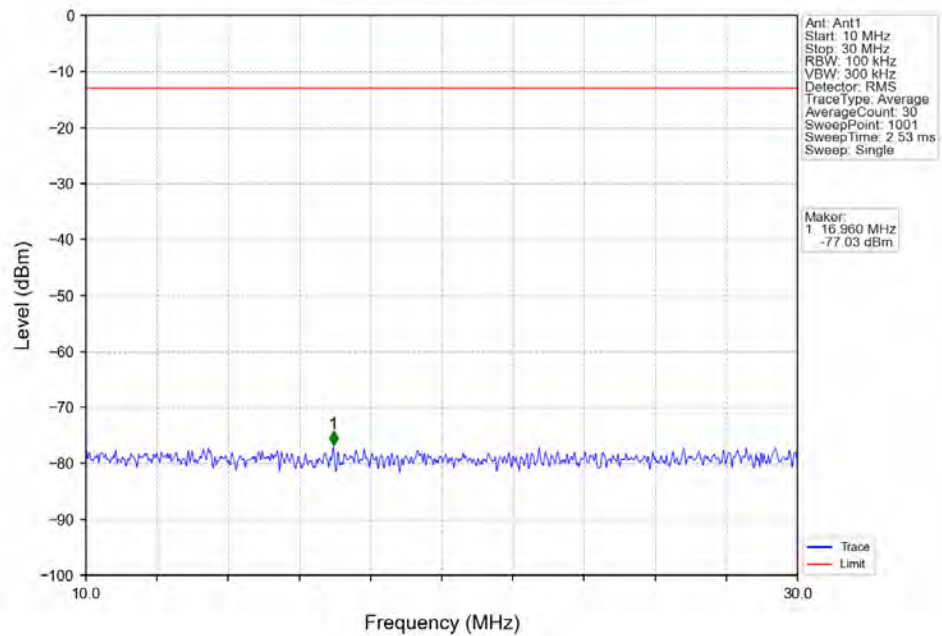
6.2.2 Test Graph



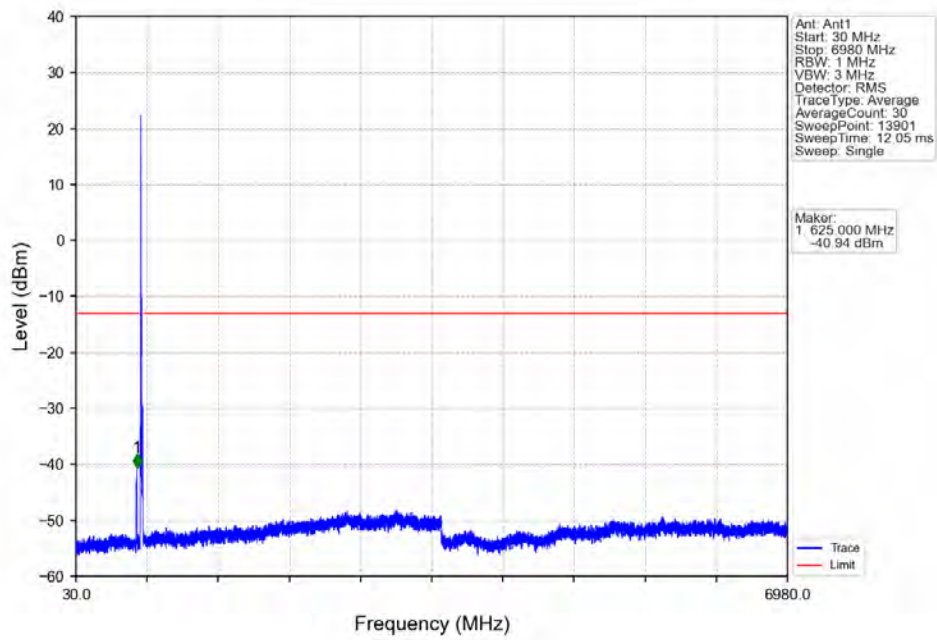
Band71_10MHz QPSK LCH 668MHz RB 1 0 NTN



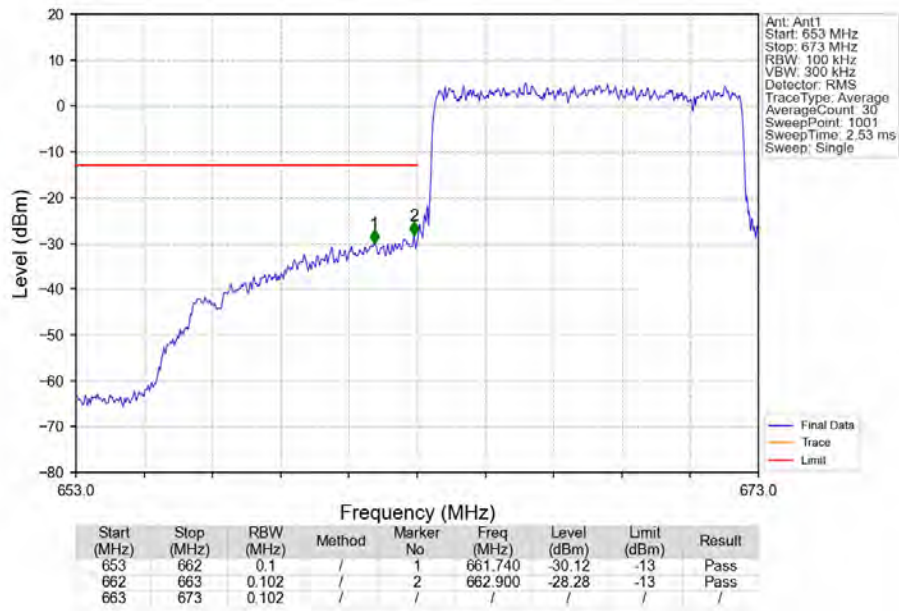
Band71_10MHz QPSK LCH 668MHz RB 1 0 NTN



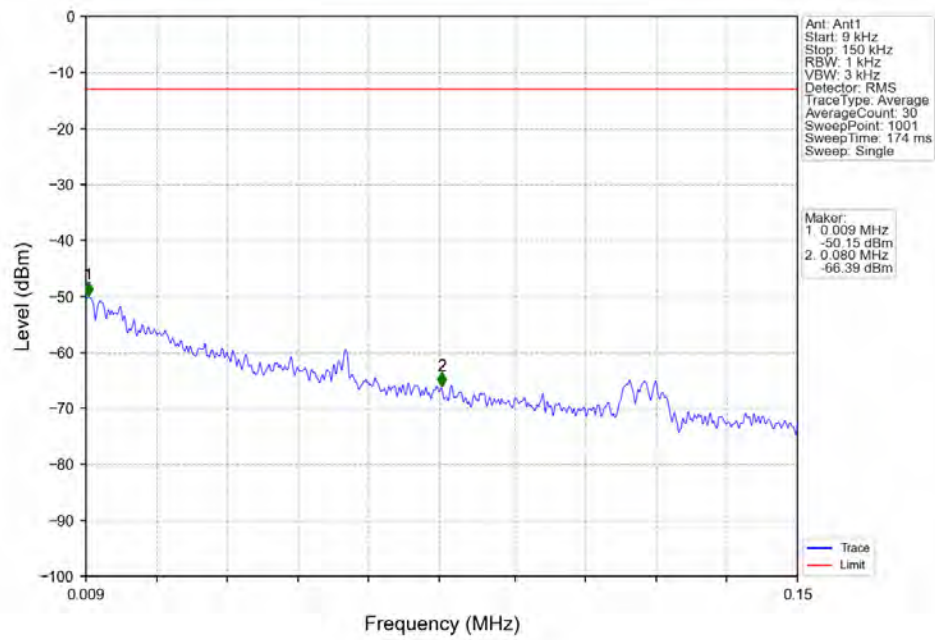
Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV



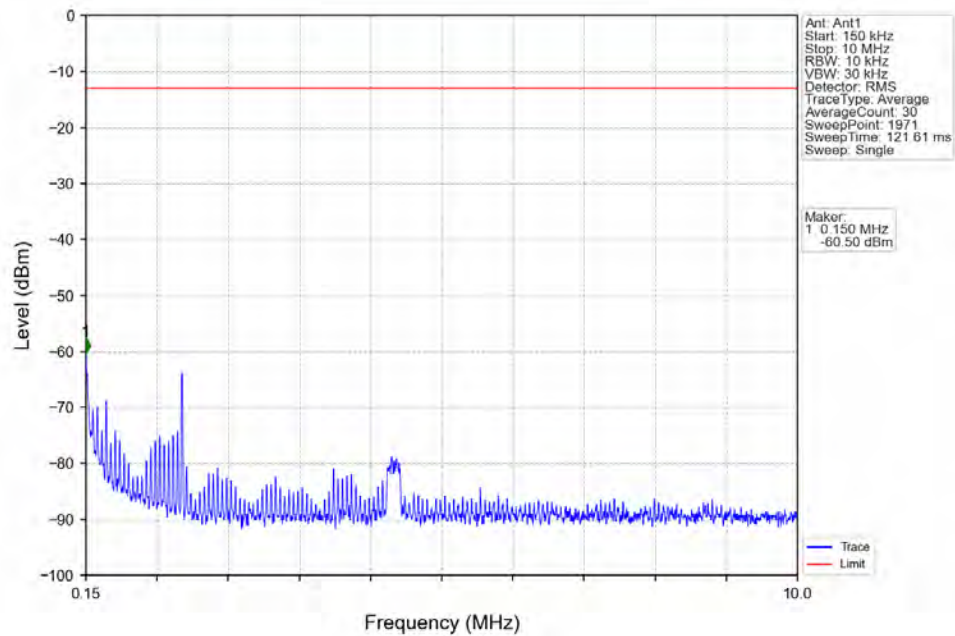
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



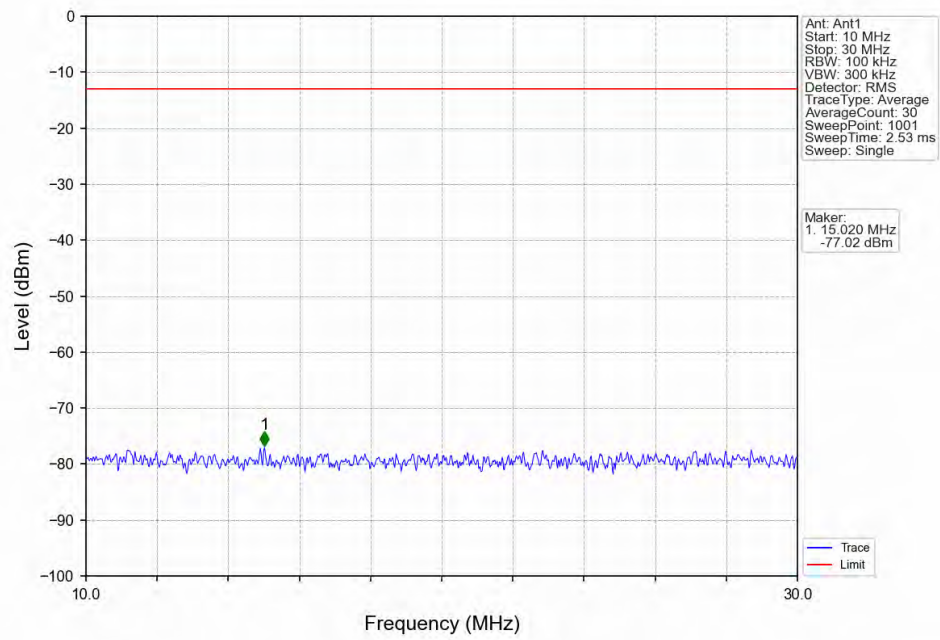
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTNV



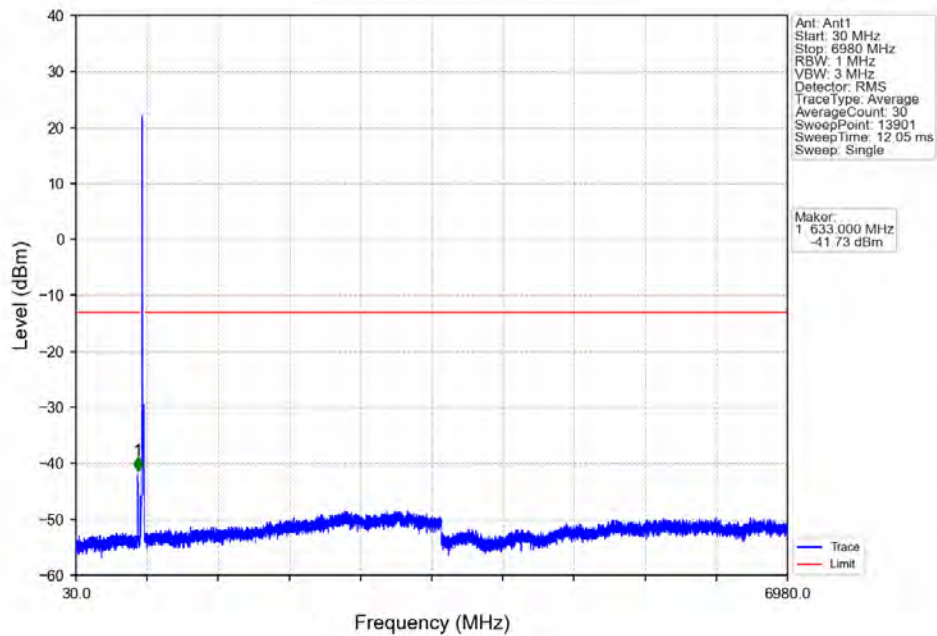
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTNV



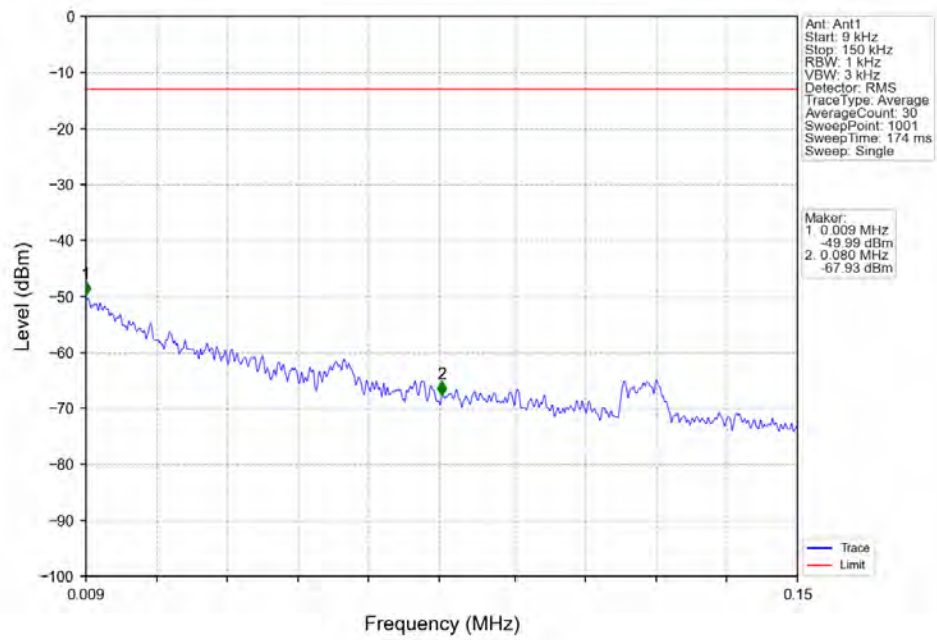
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTV



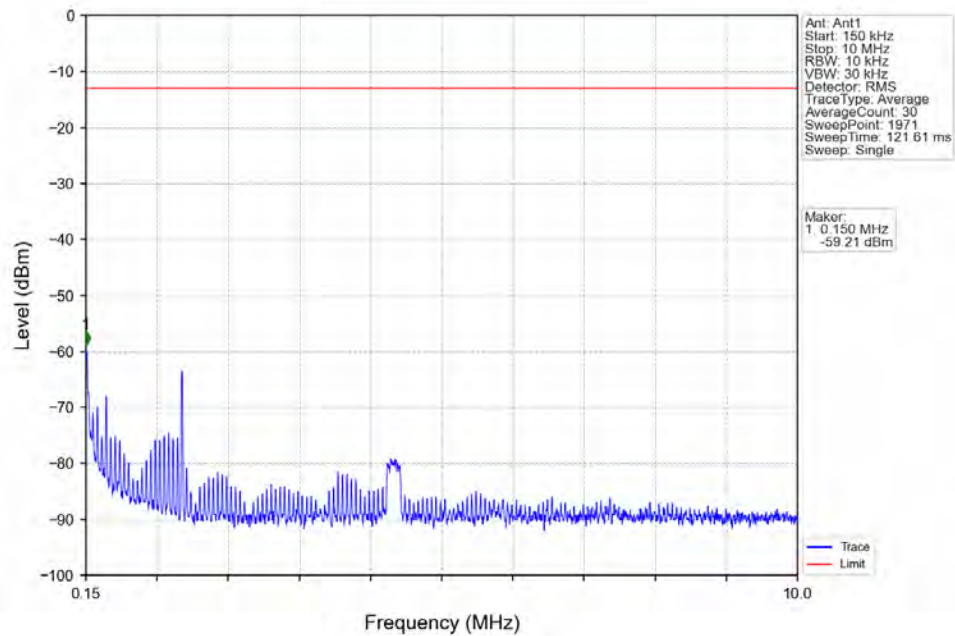
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTV



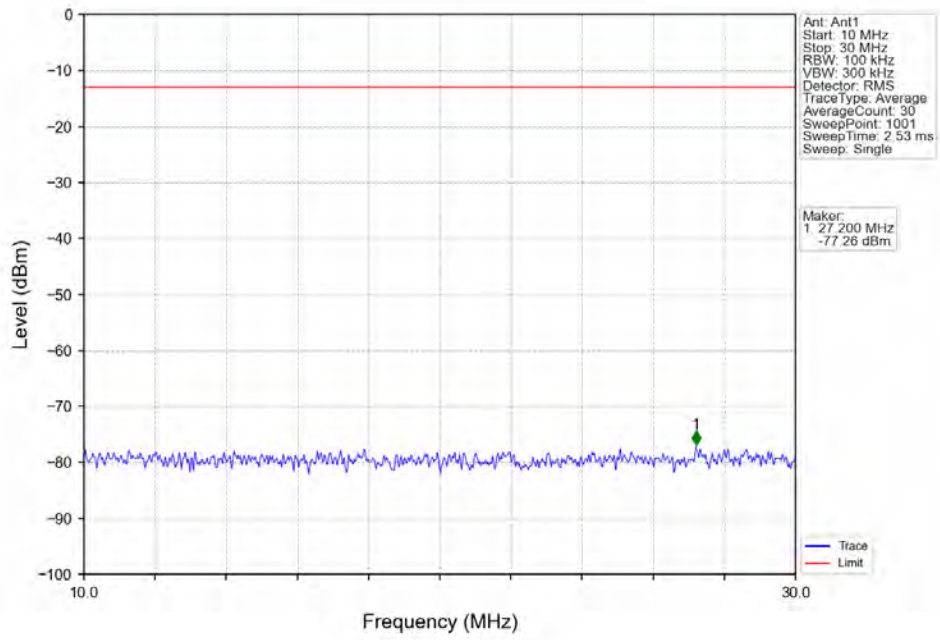
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV



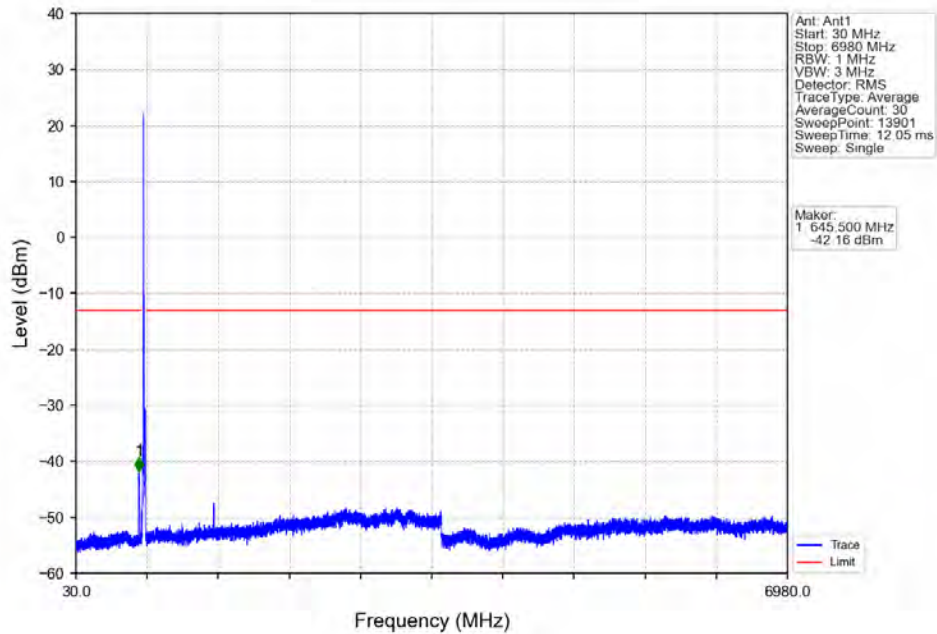
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV



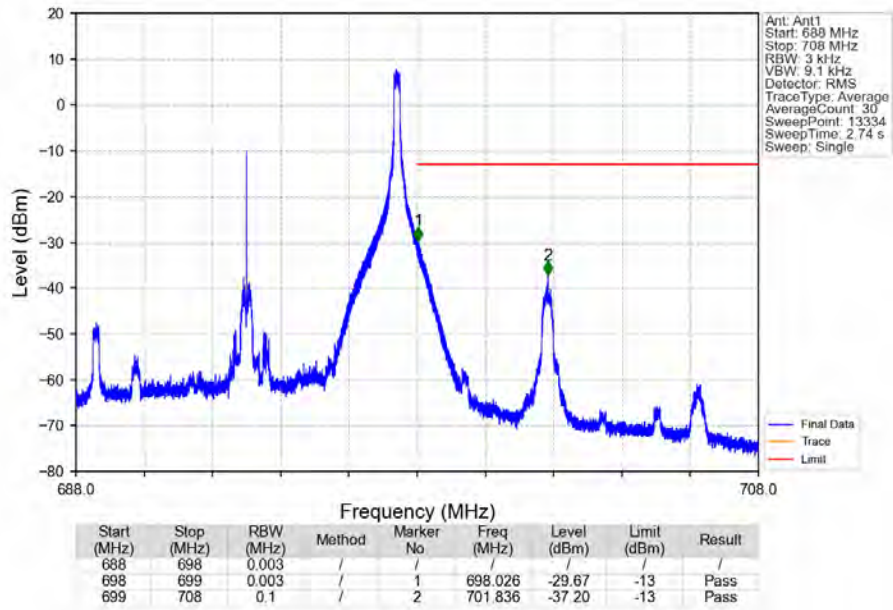
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV



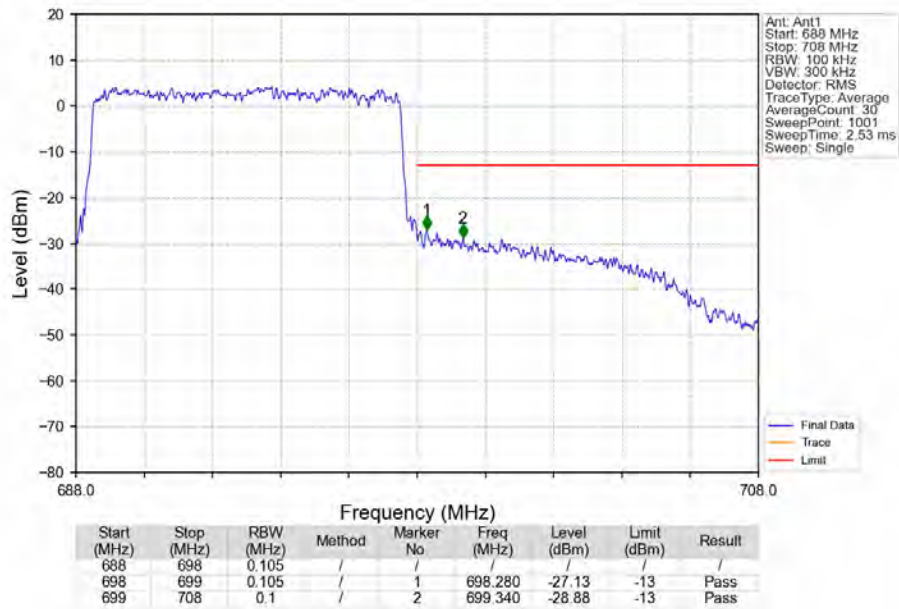
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV



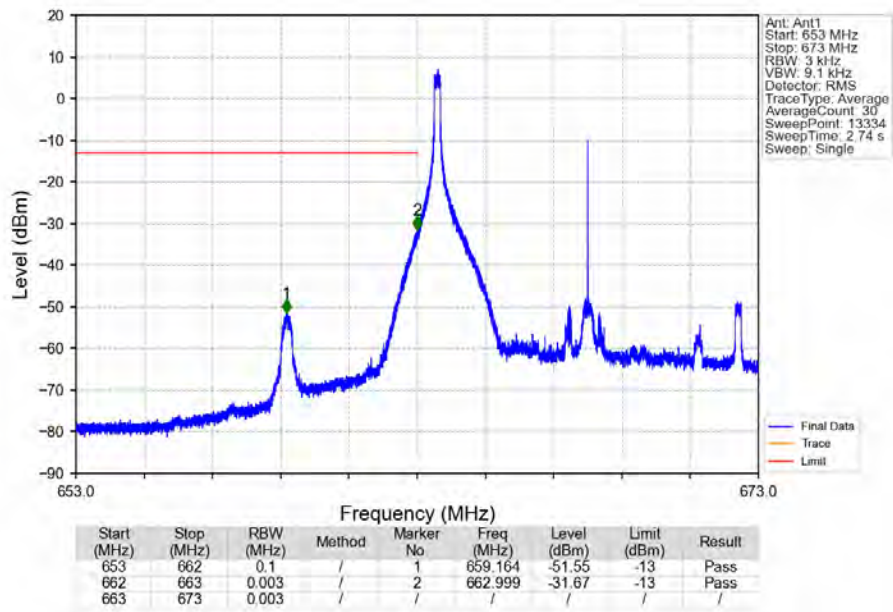
Band71 10MHz QPSK HCH 693MHz RB 1 49 NTNV



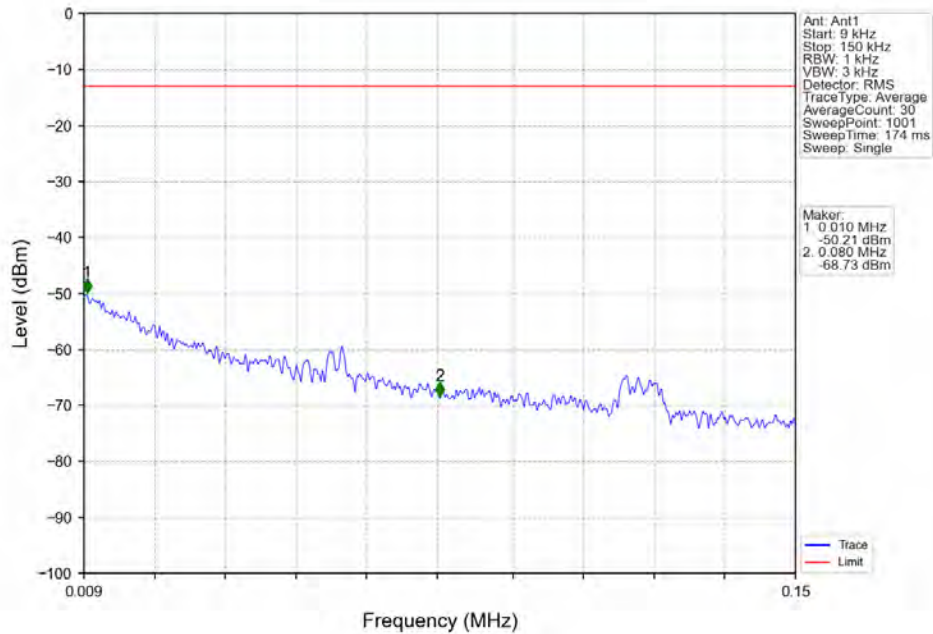
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



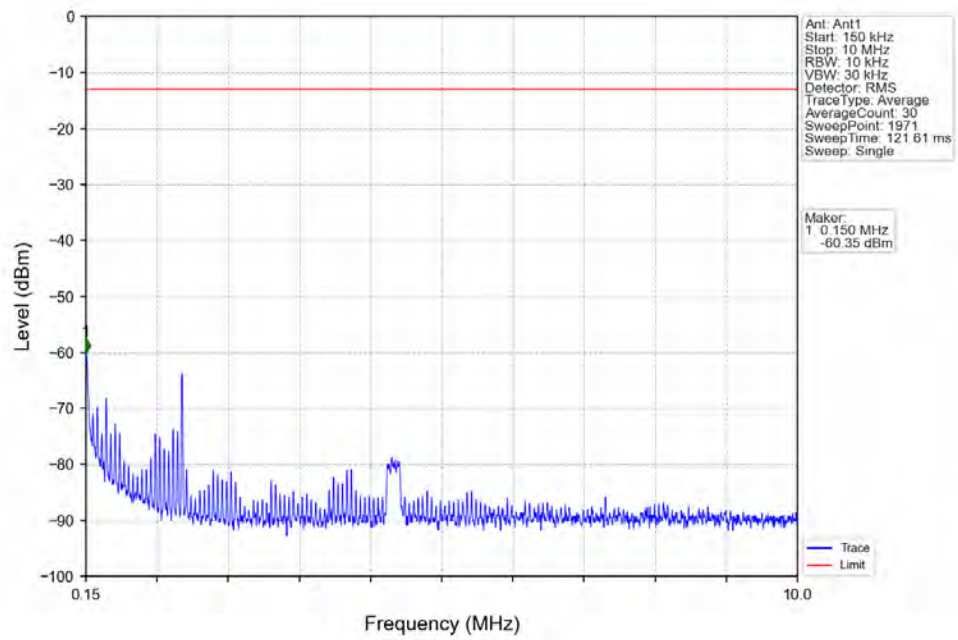
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



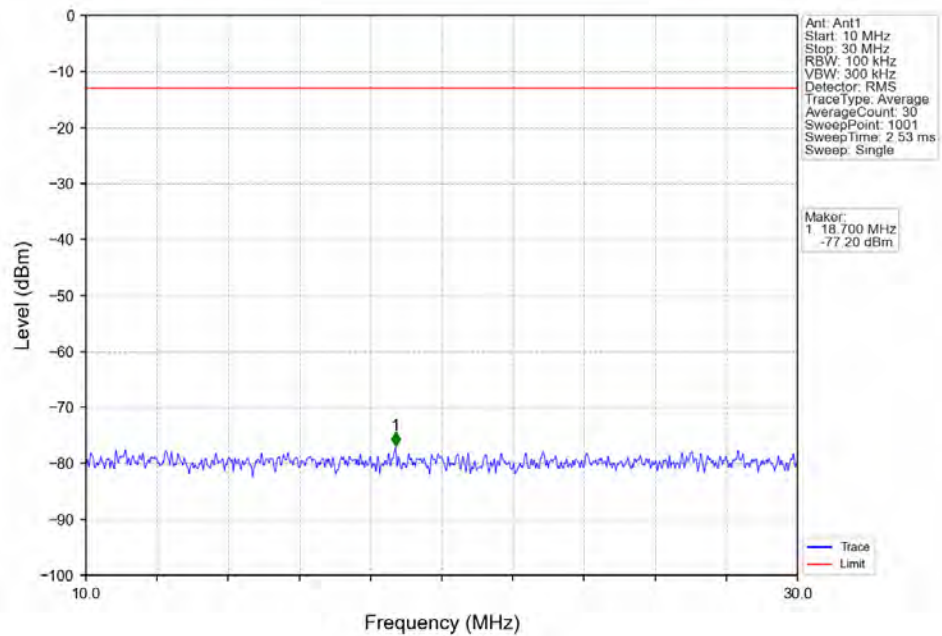
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



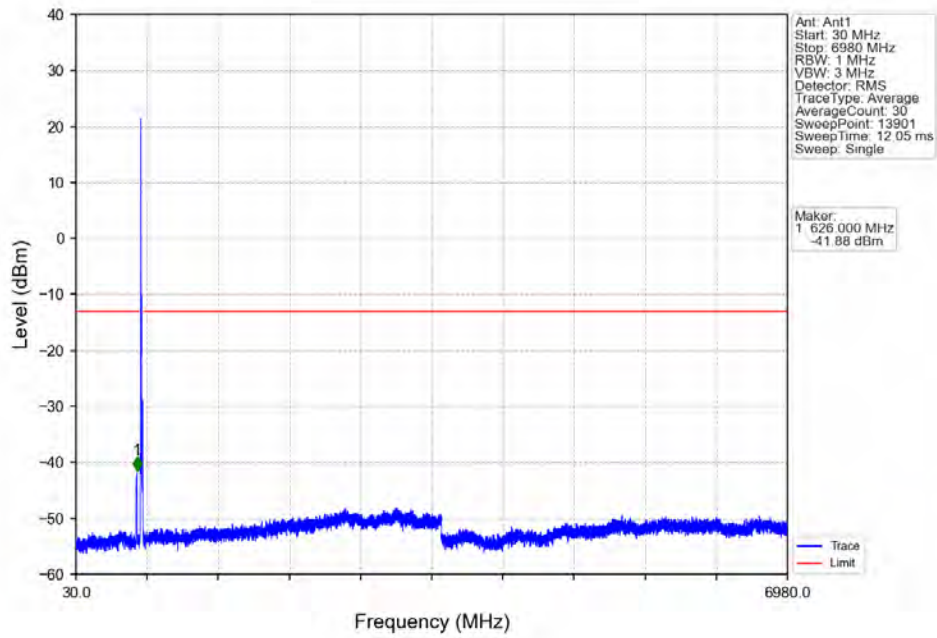
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



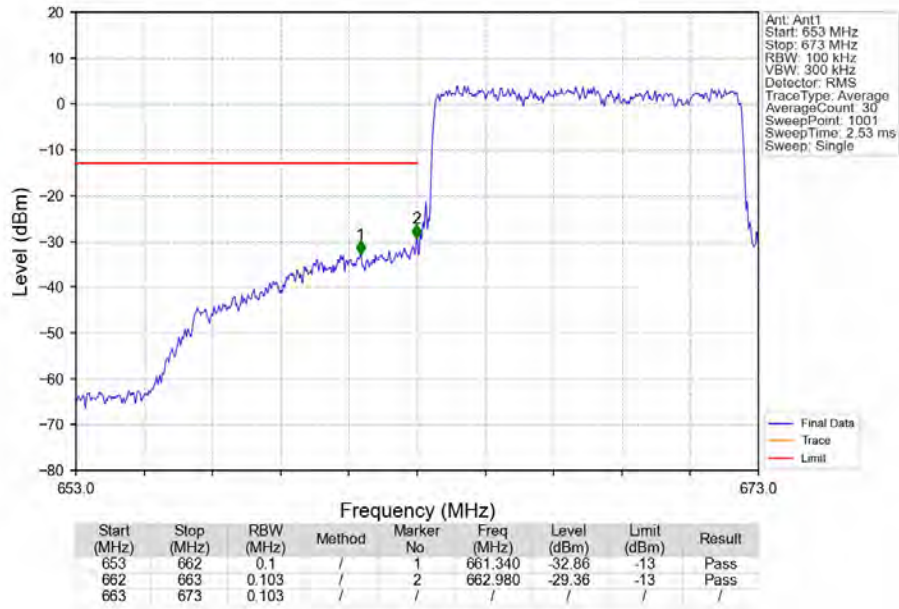
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



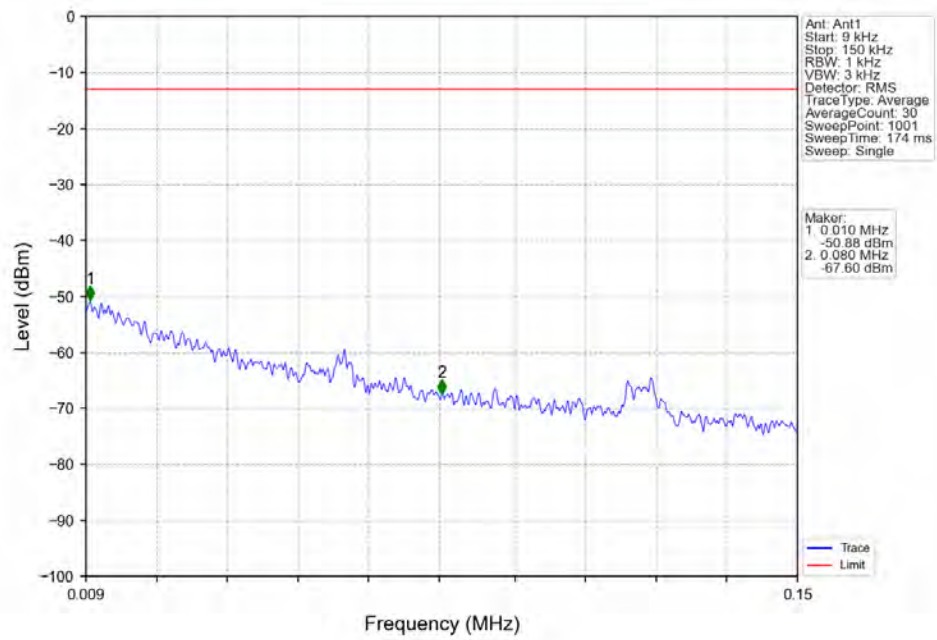
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



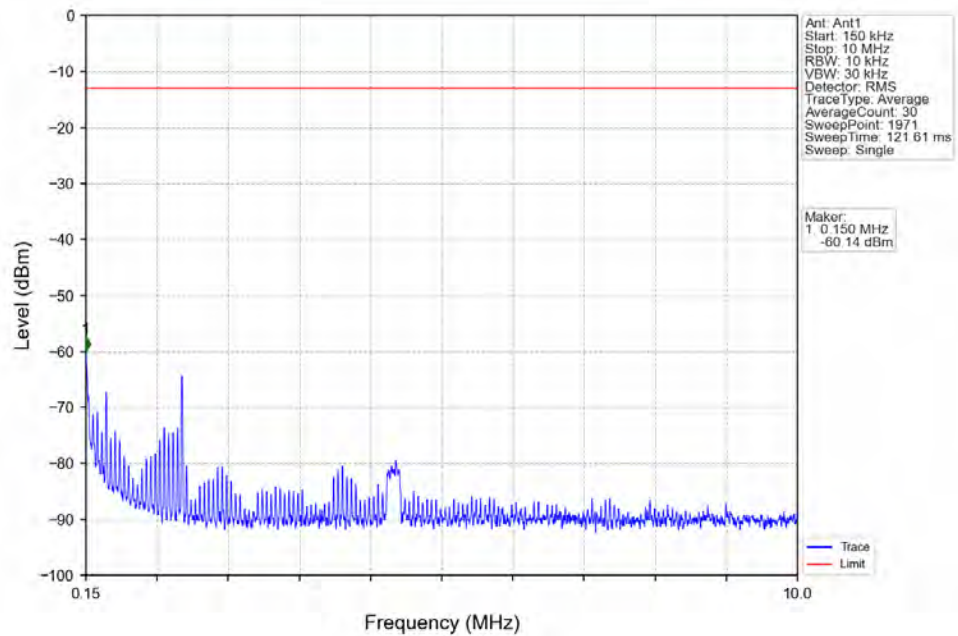
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



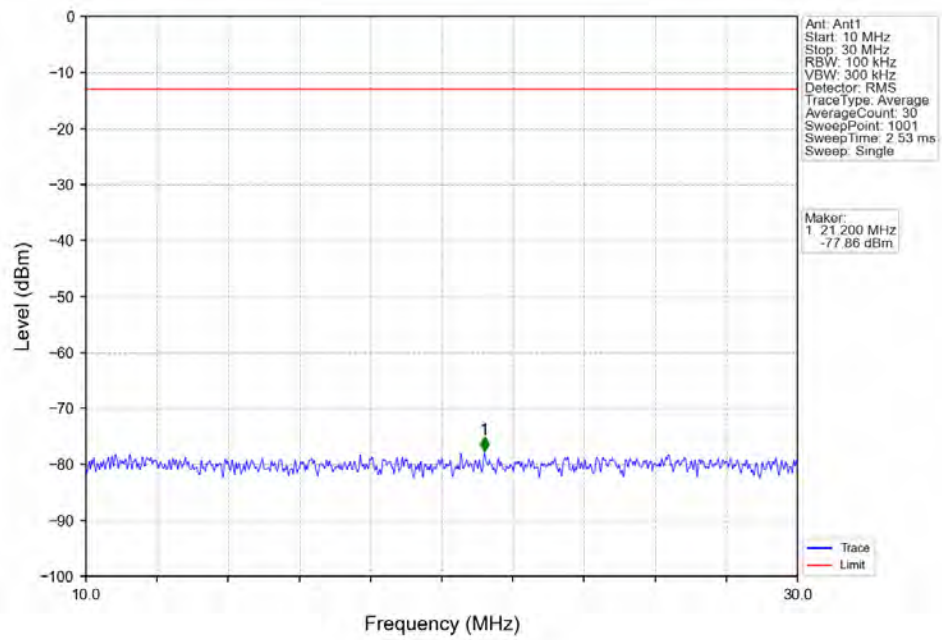
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



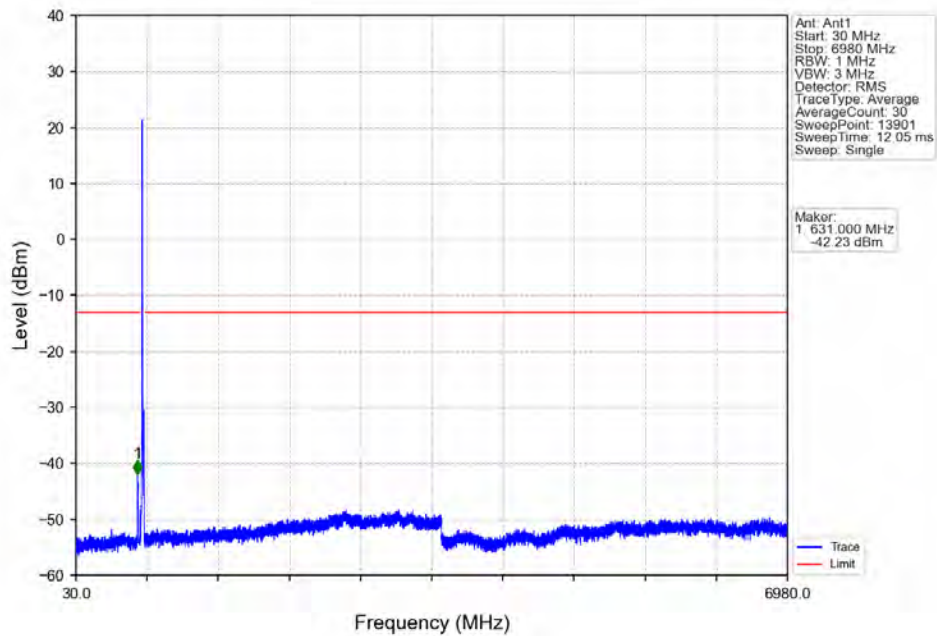
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



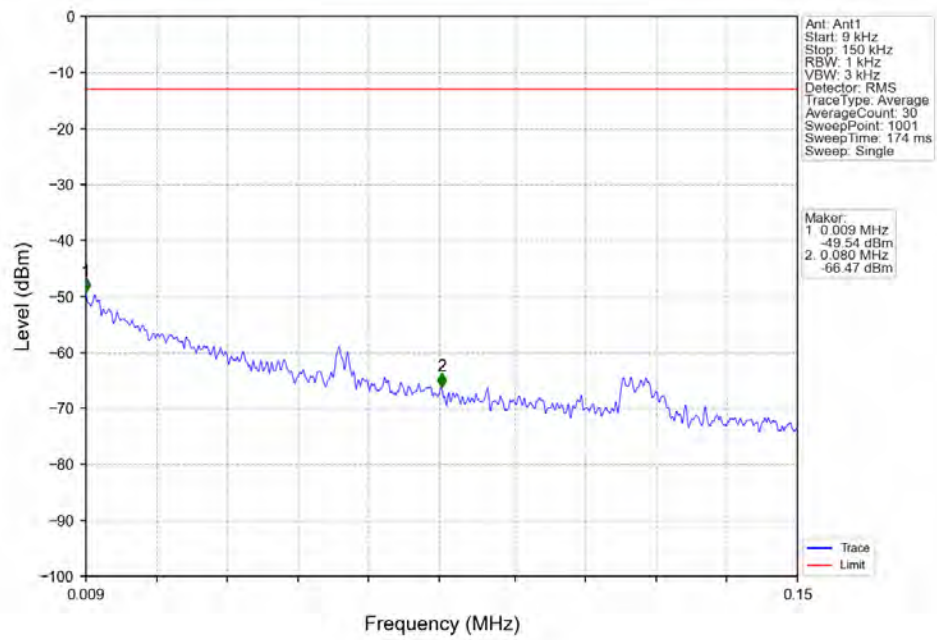
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



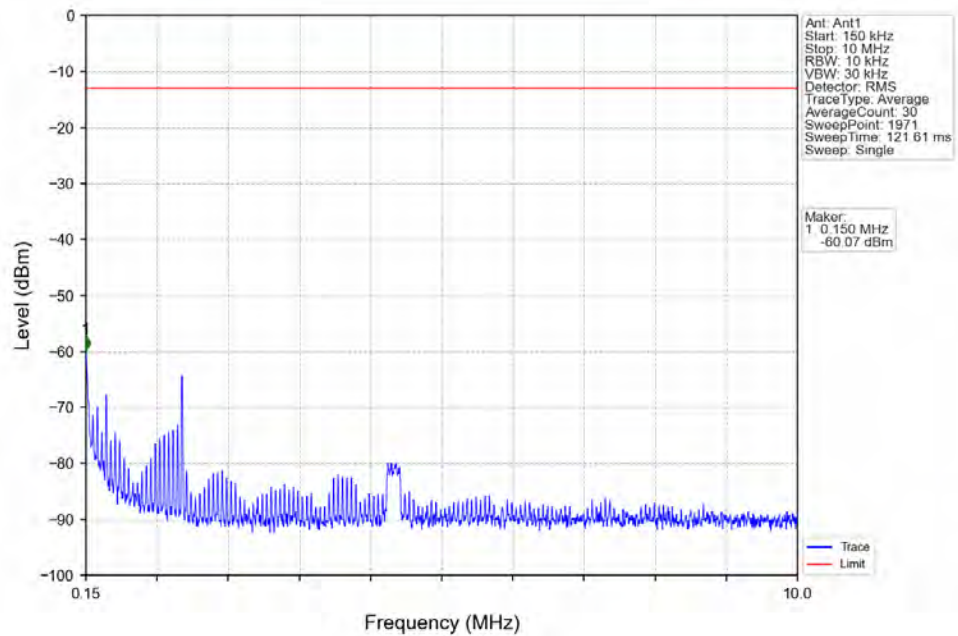
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



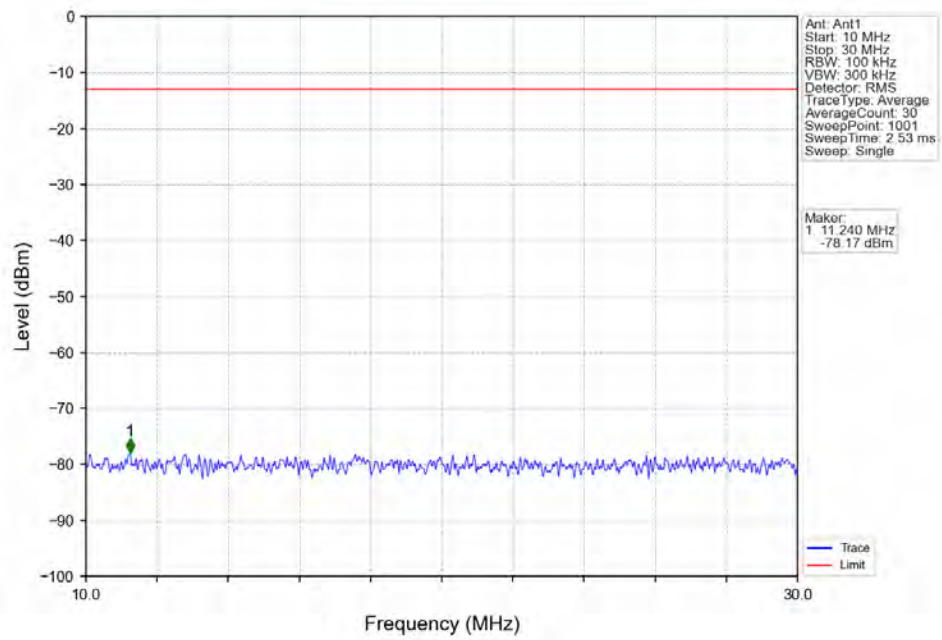
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTNV



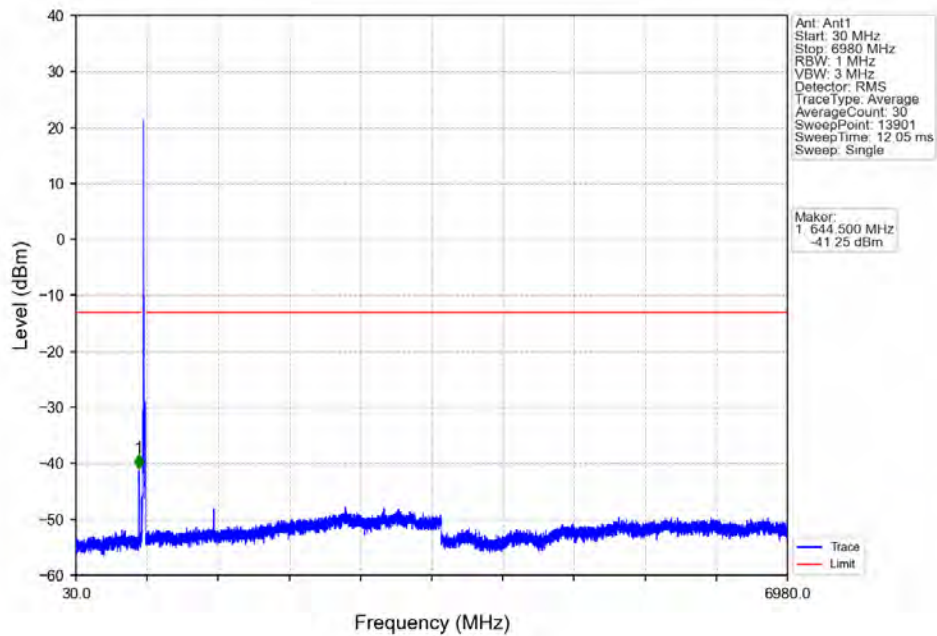
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTNV



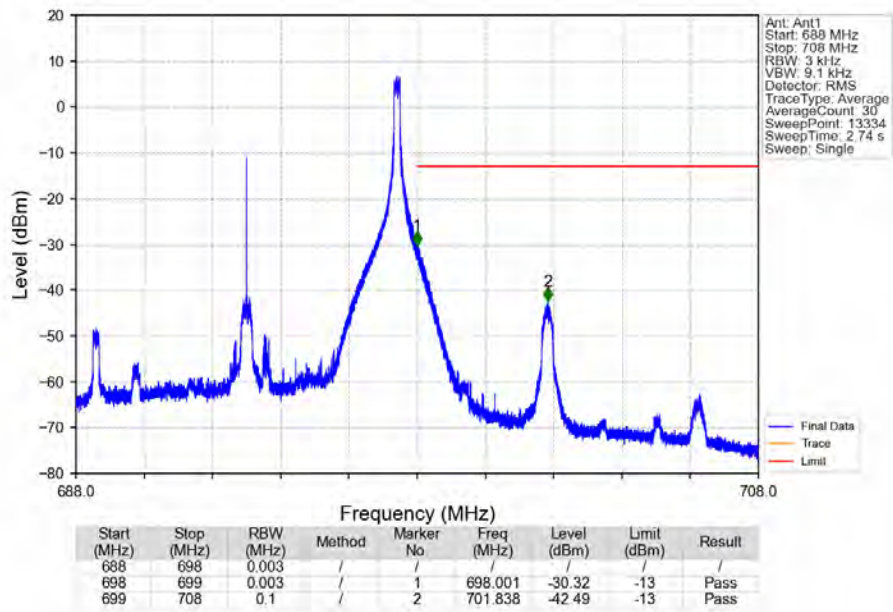
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTN



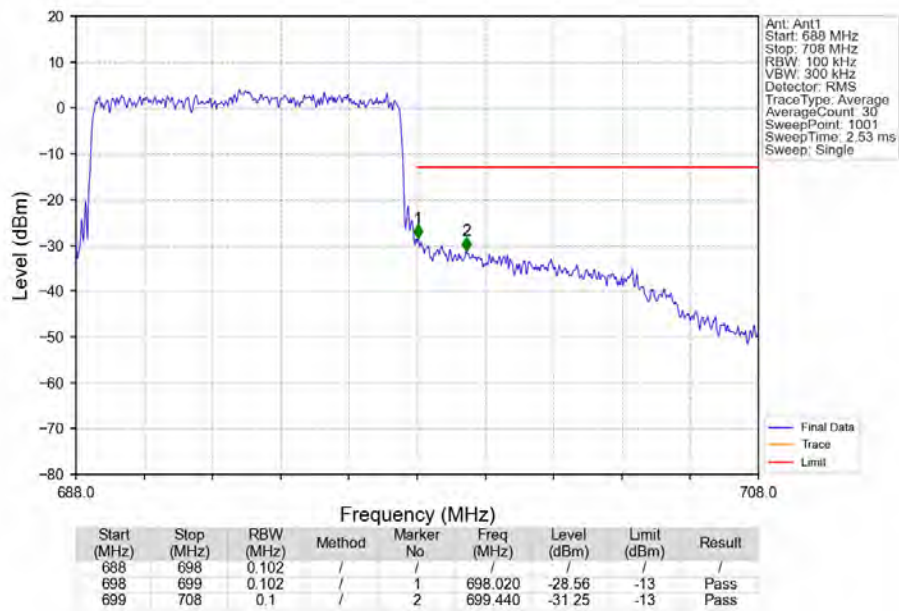
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTN



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



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

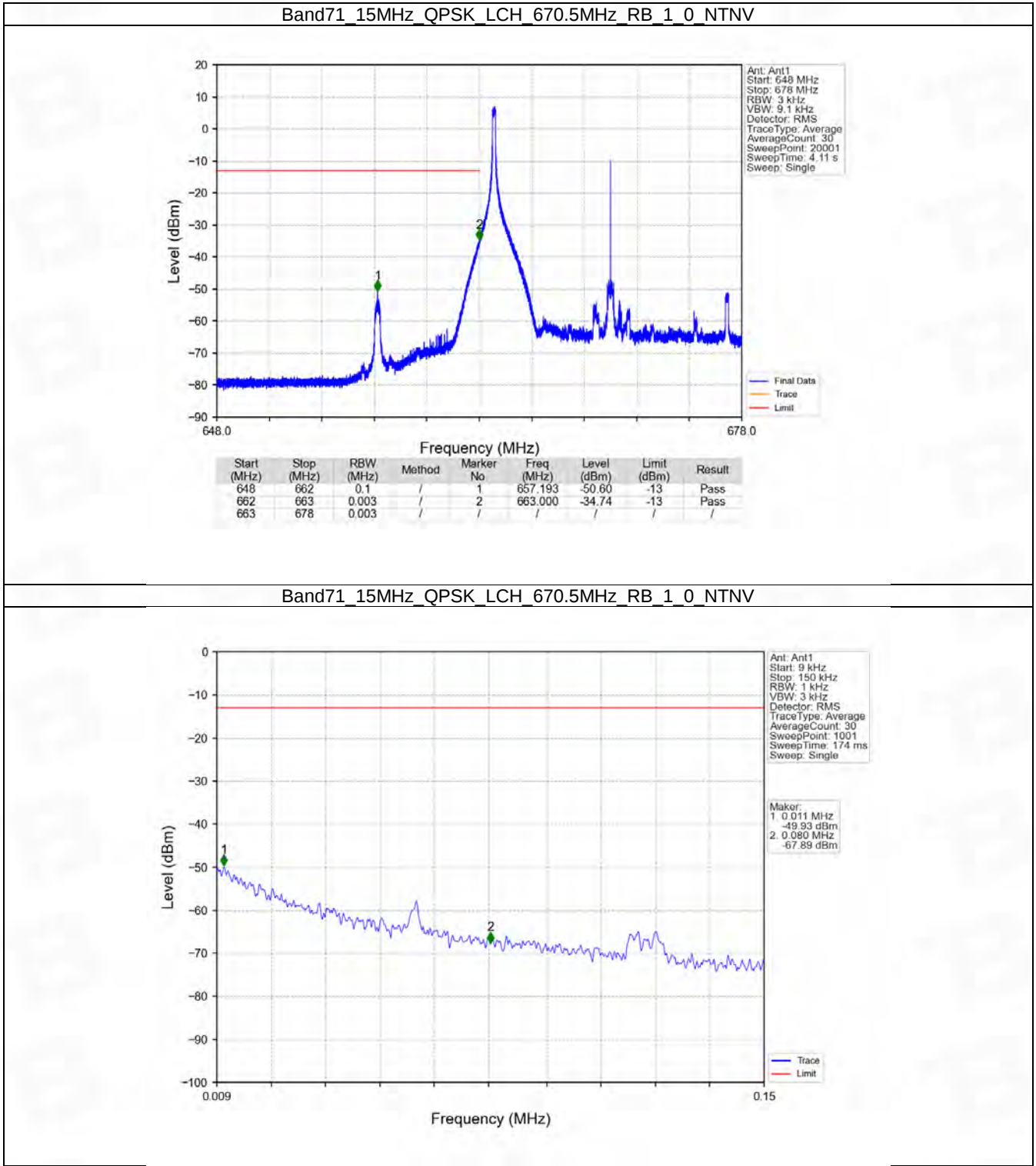


6.3 B71_15MHz

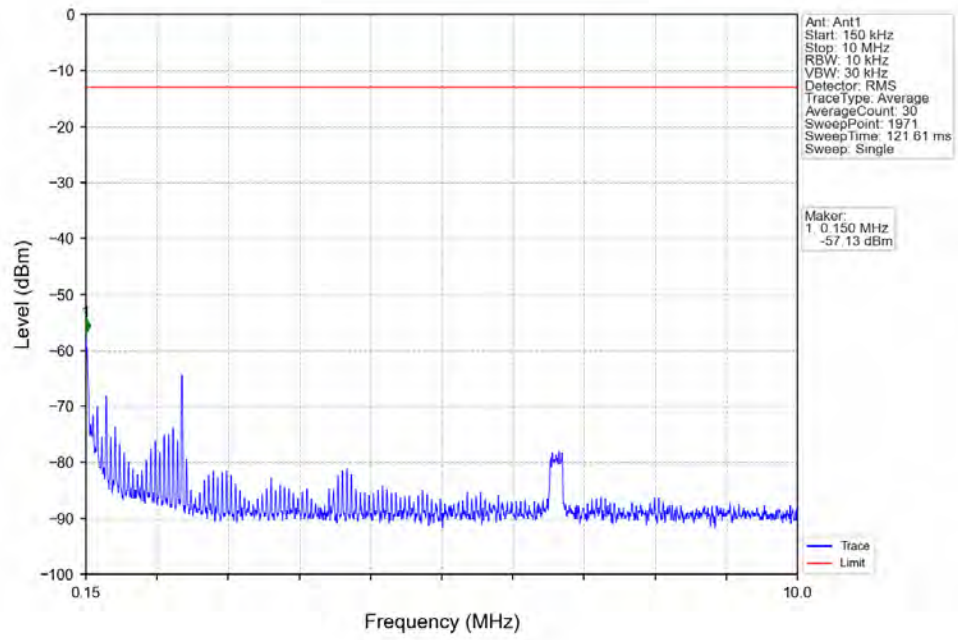
6.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTVN						
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

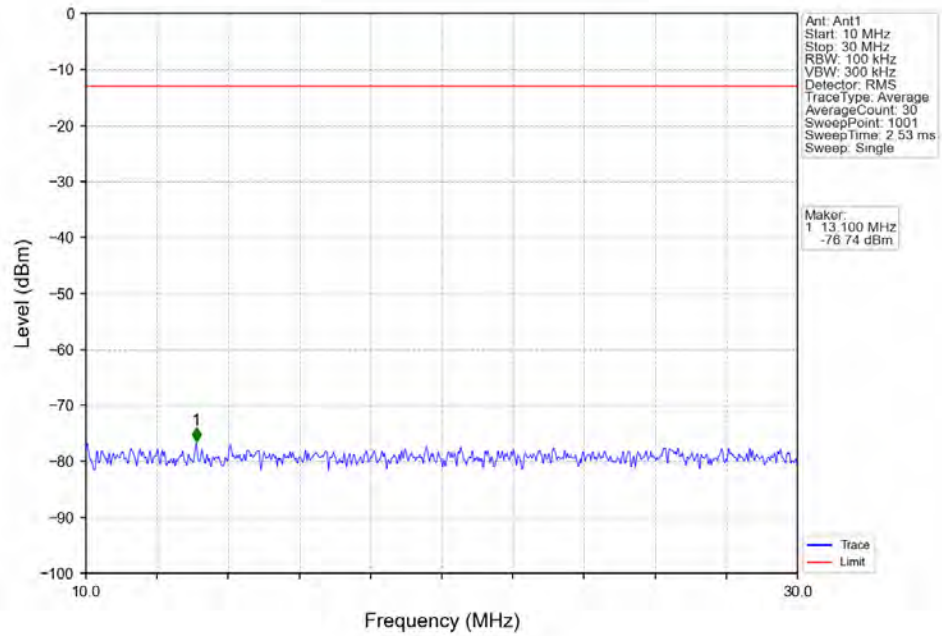
6.3.2 Test Graph



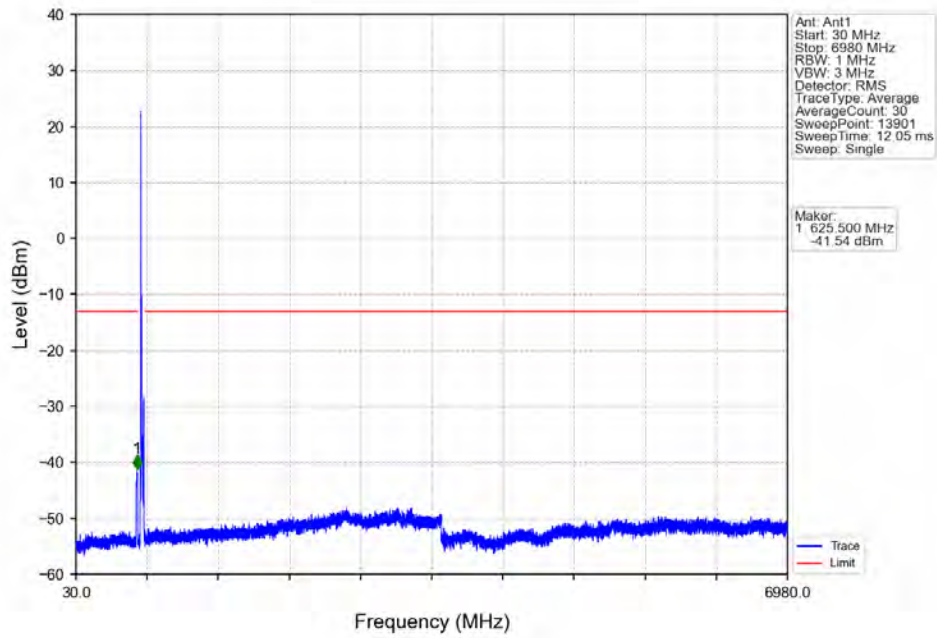
Band71 15MHz QPSK LCH 670.5MHz RB 1 0 NTNV



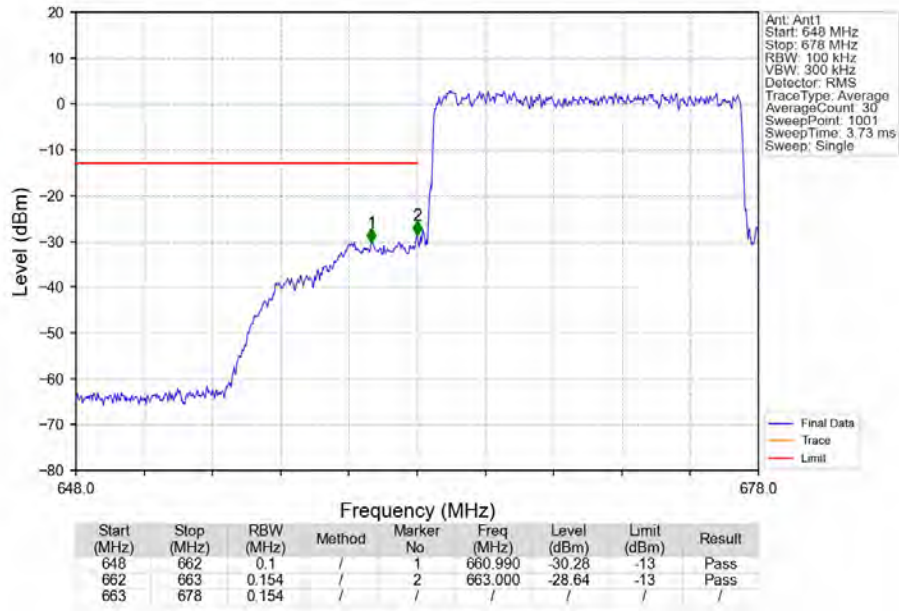
Band71 15MHz QPSK LCH 670.5MHz RB 1 0 NTNV



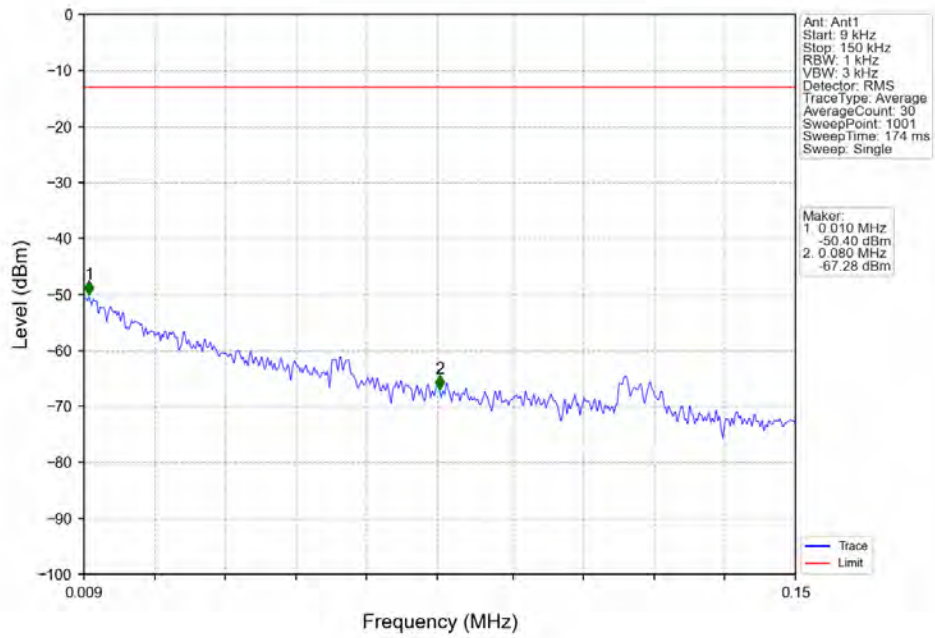
Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV



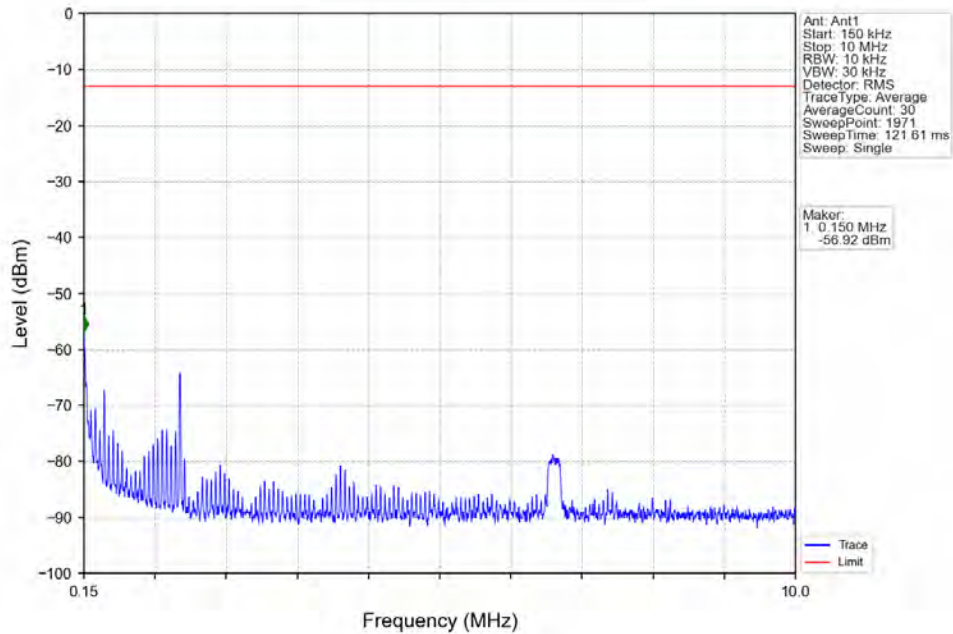
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



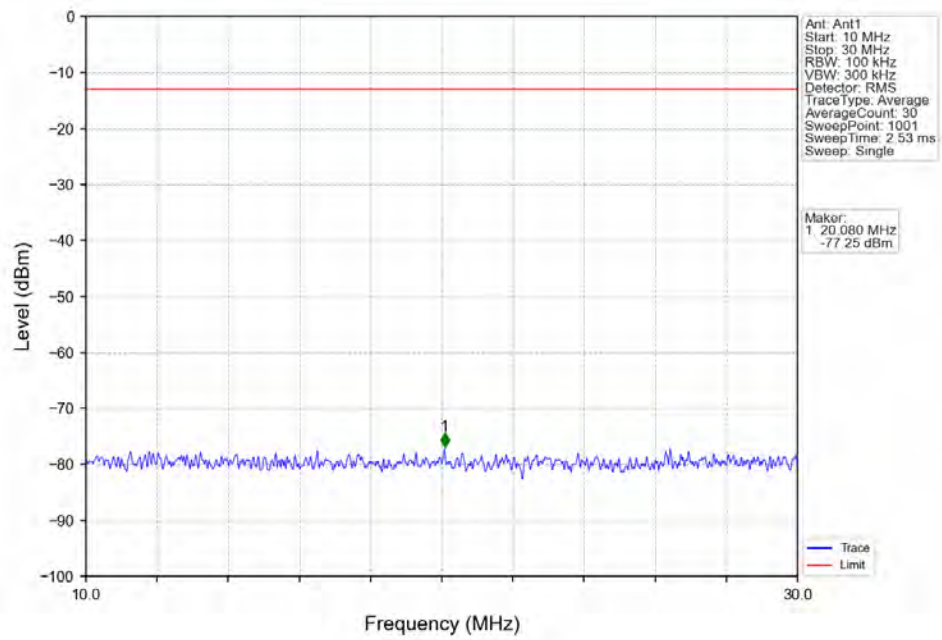
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



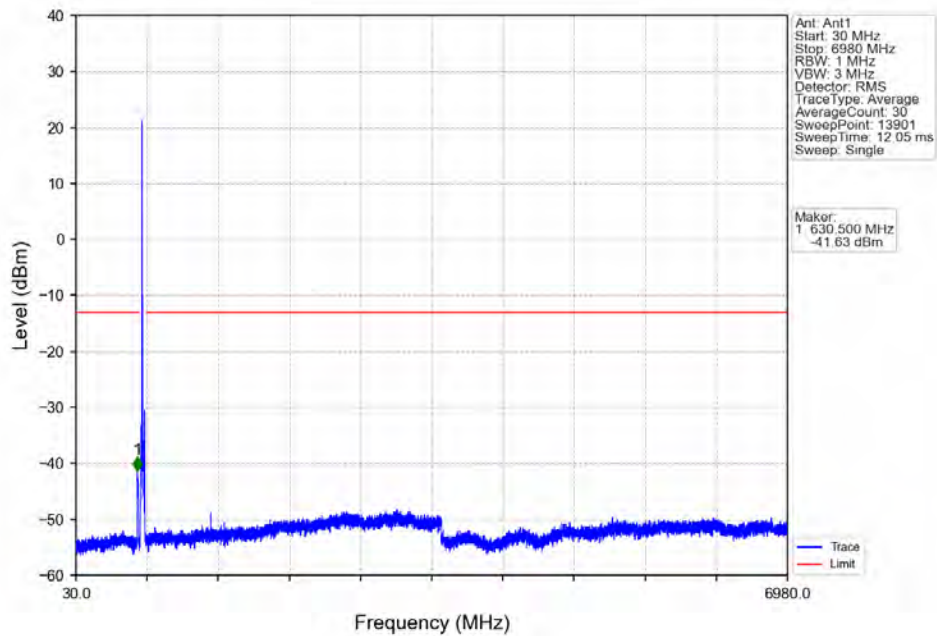
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



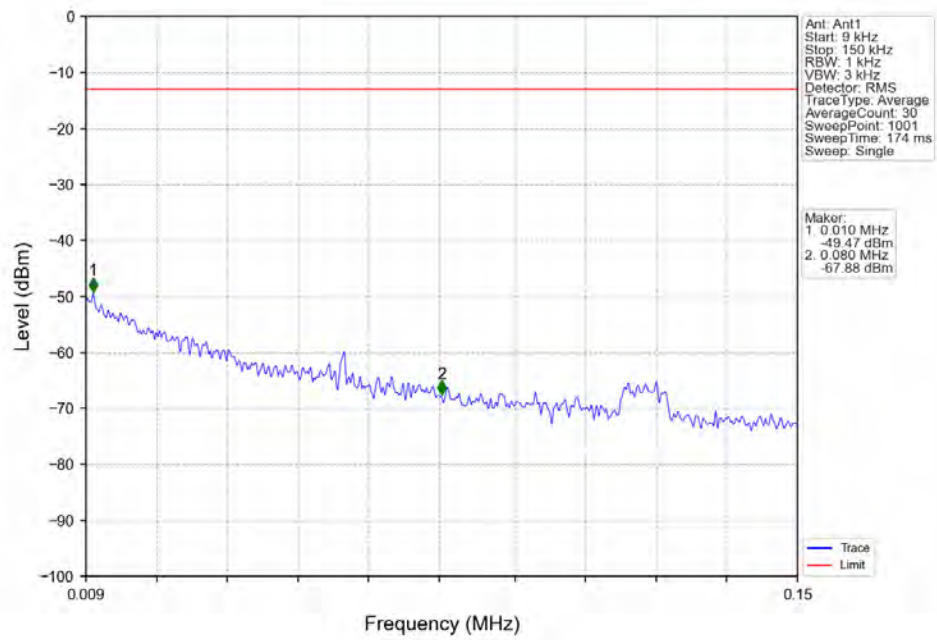
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



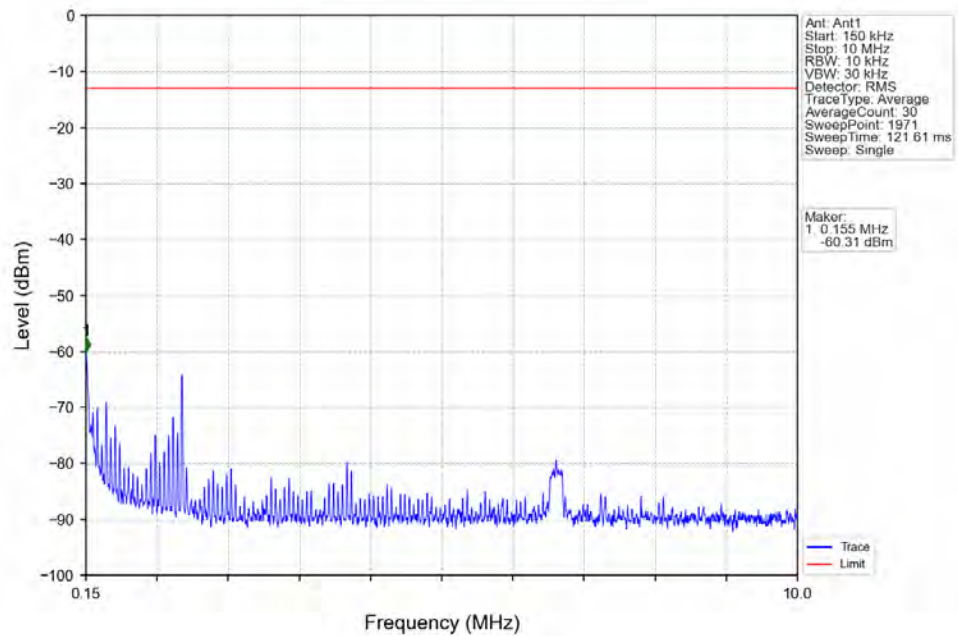
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



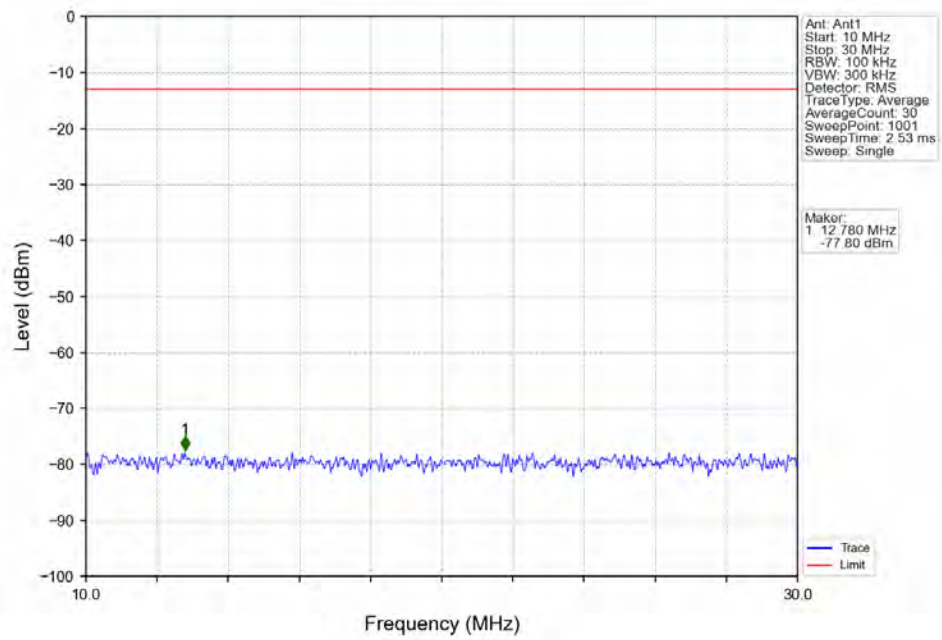
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTN



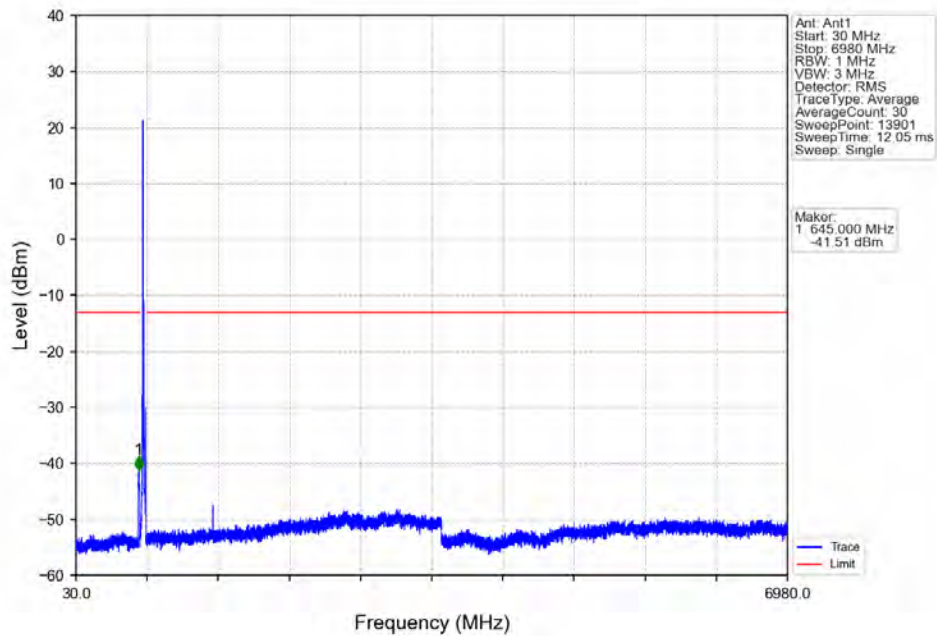
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTN



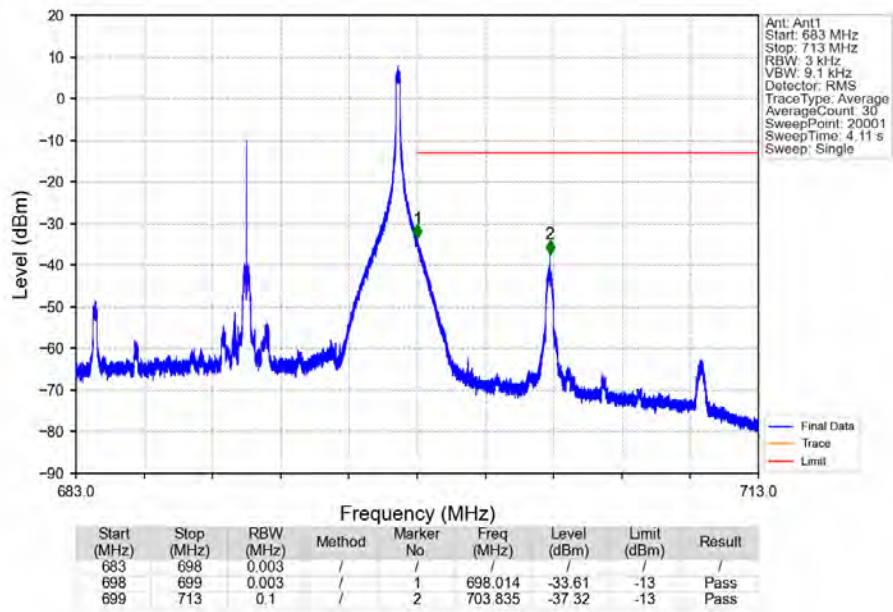
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTNV



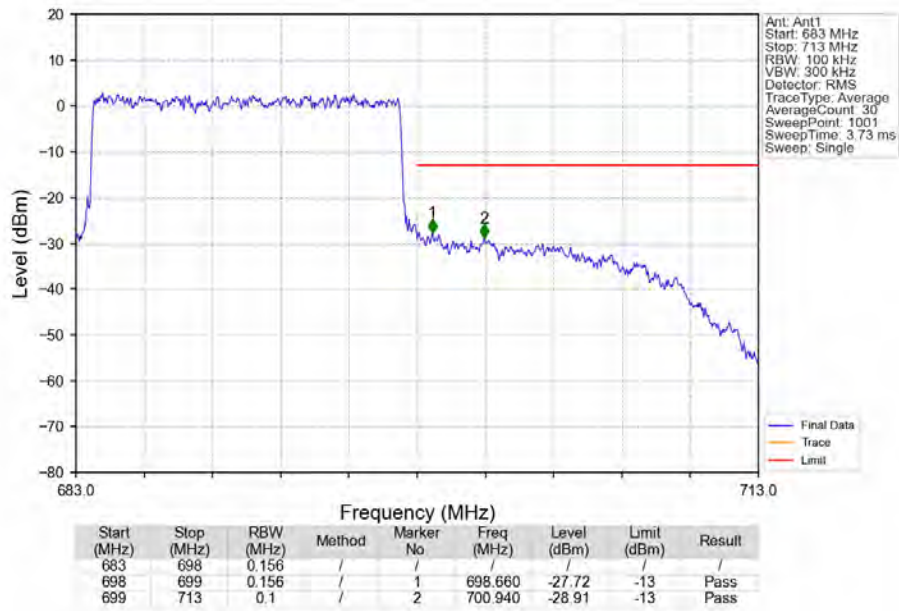
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTNV



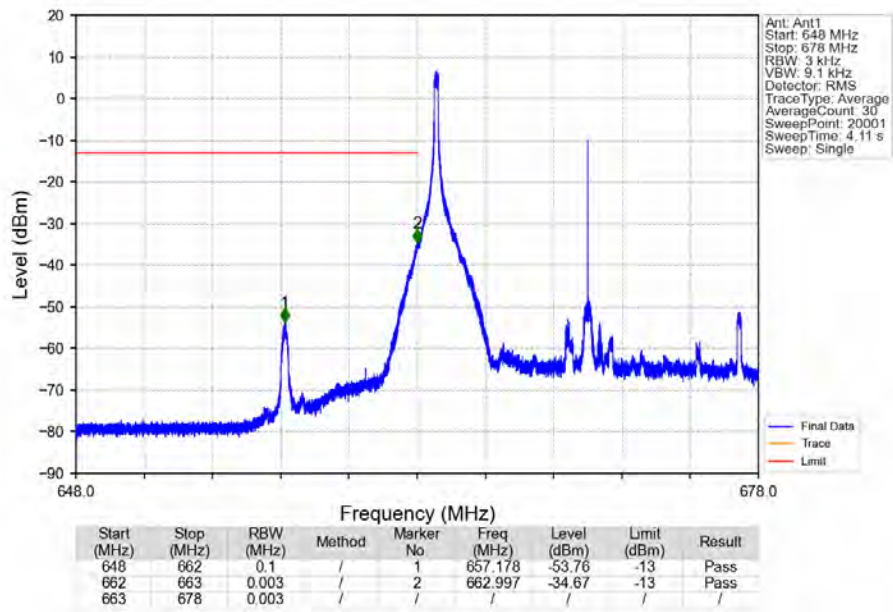
Band71 15MHz QPSK HCH 690.5MHz RB 1 74 NTV



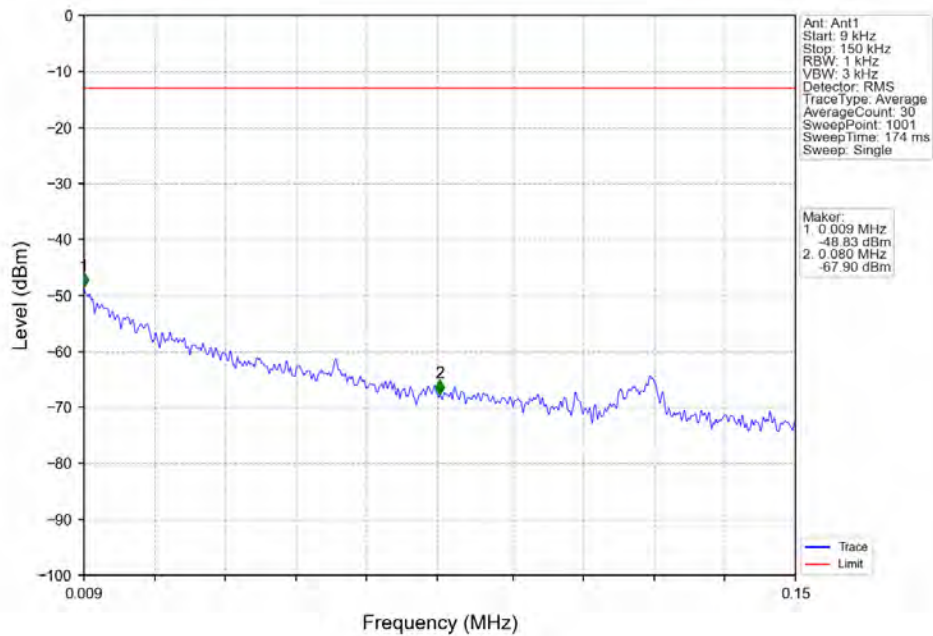
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTV



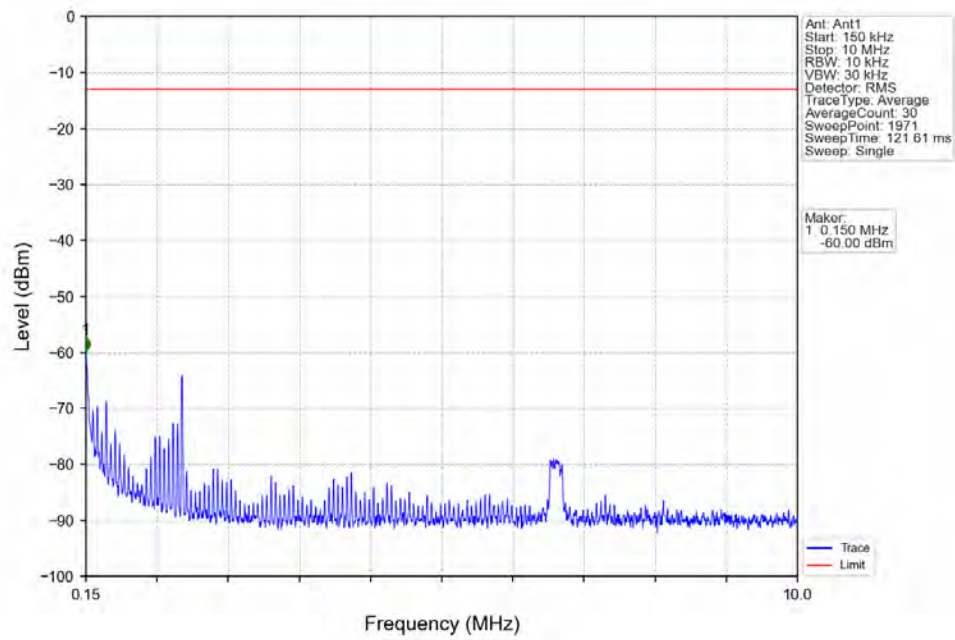
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTNV



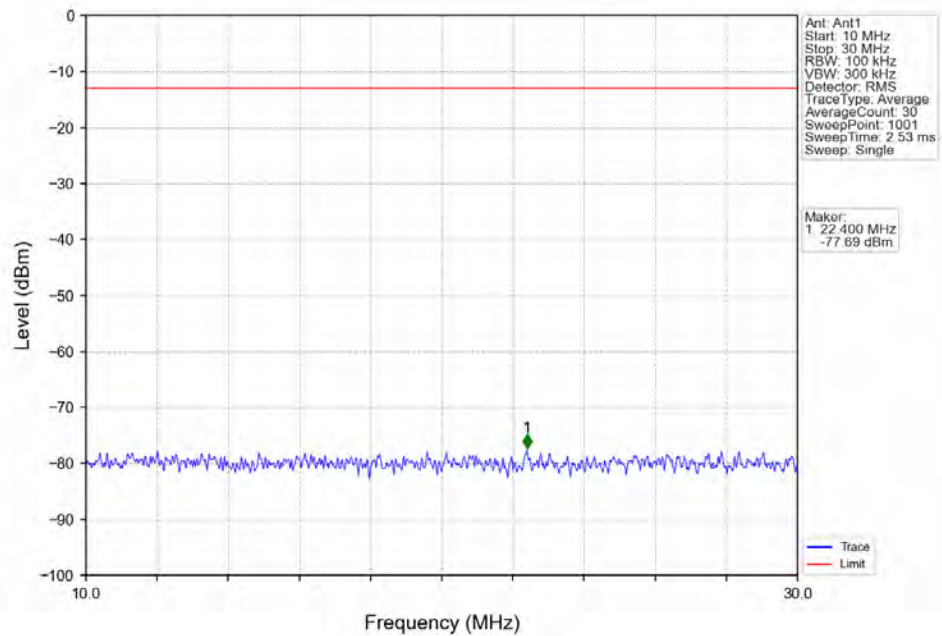
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTNV



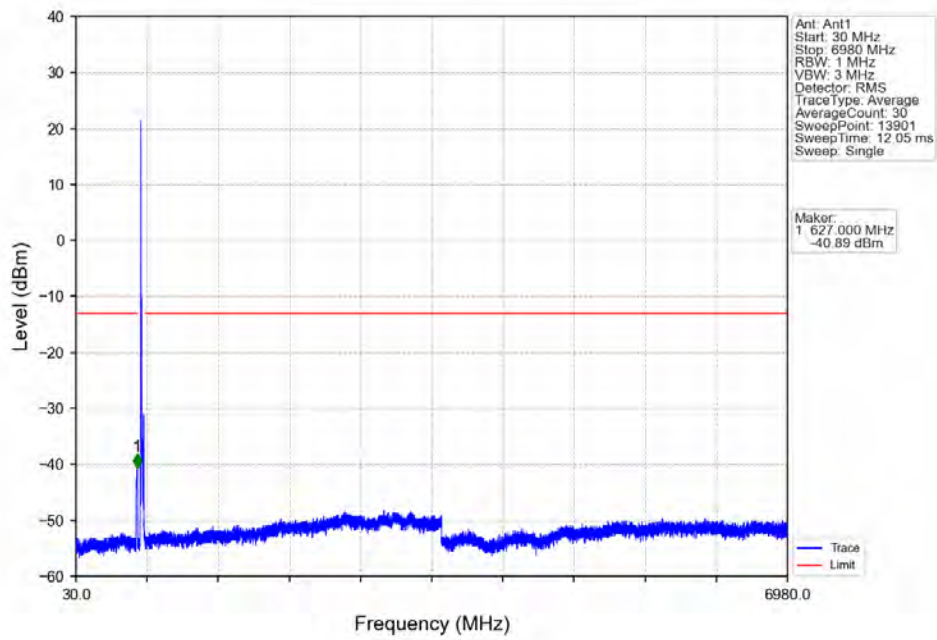
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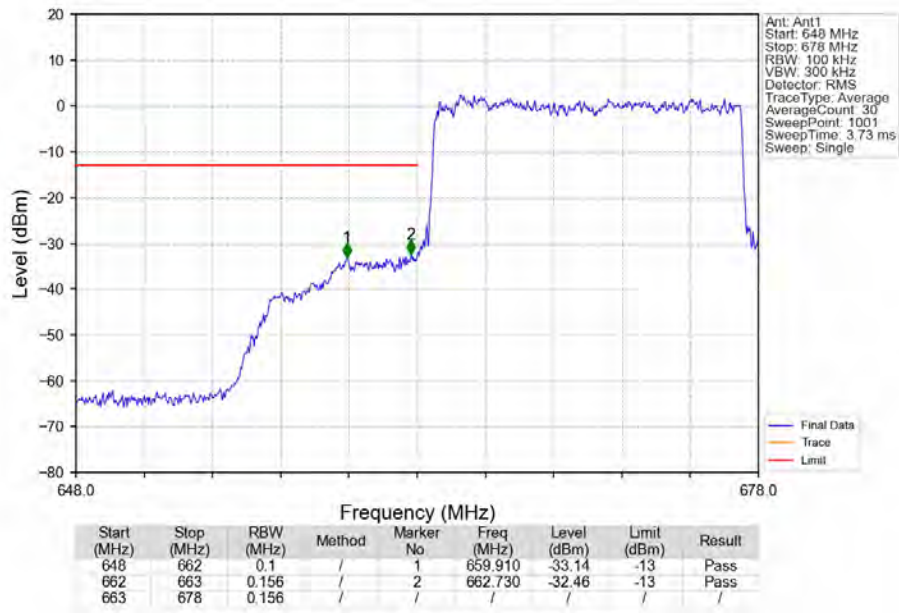
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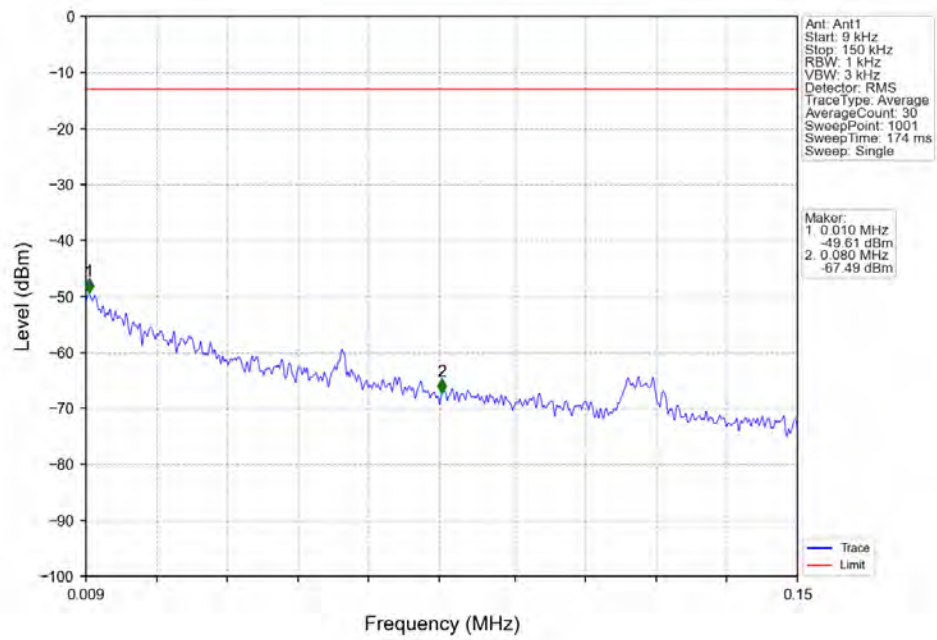
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTV



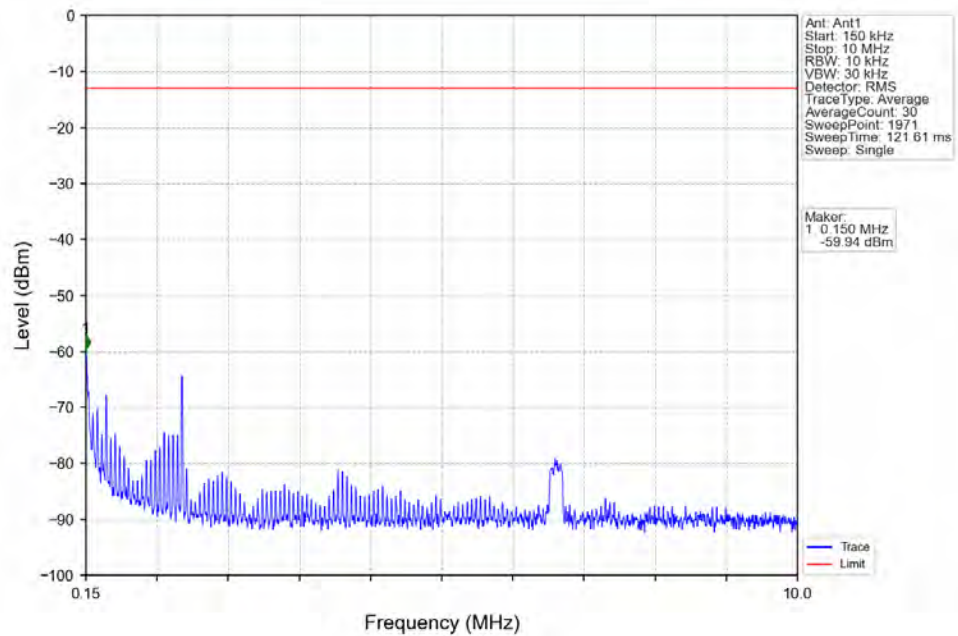
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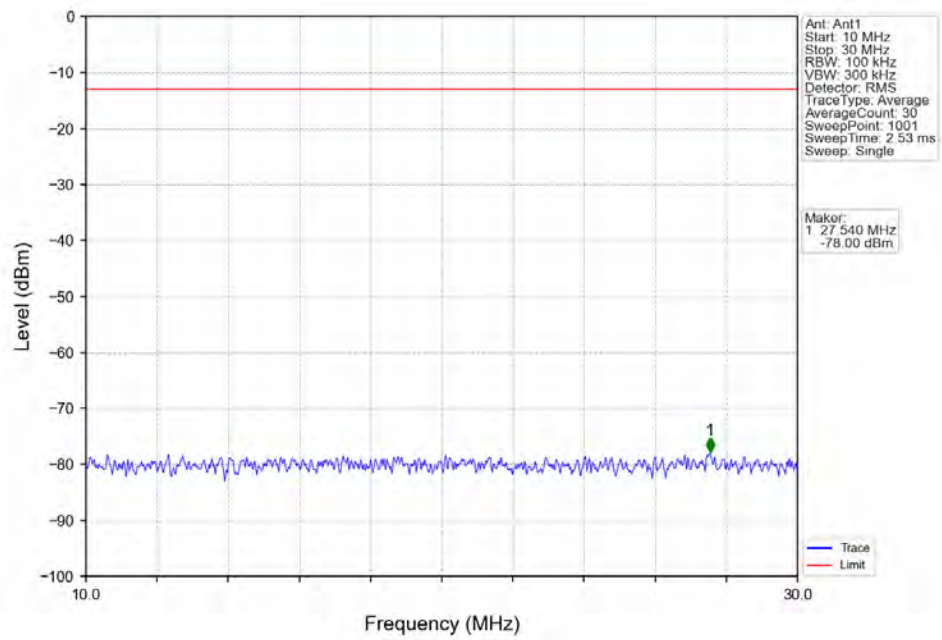
Band71 15MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



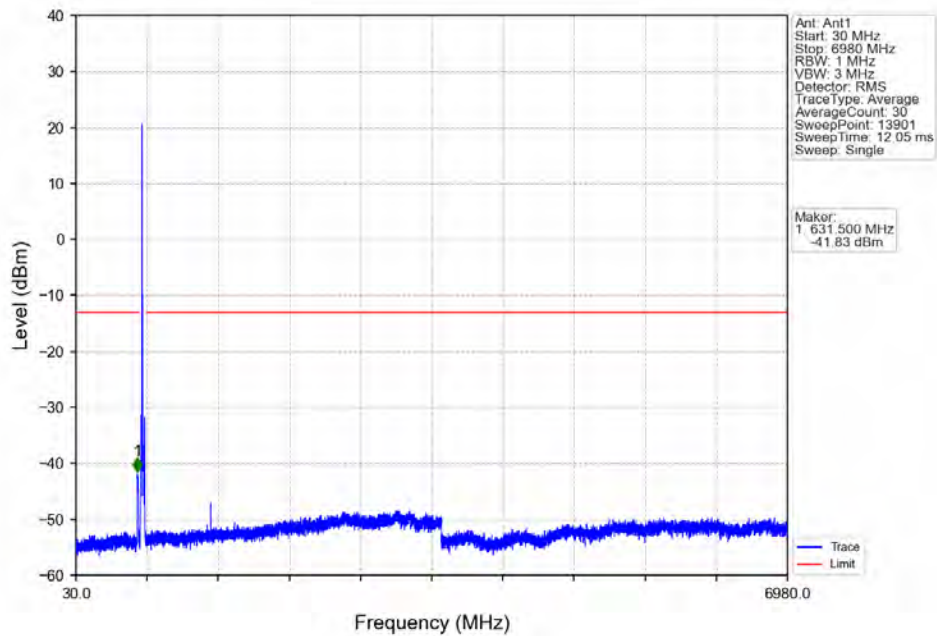
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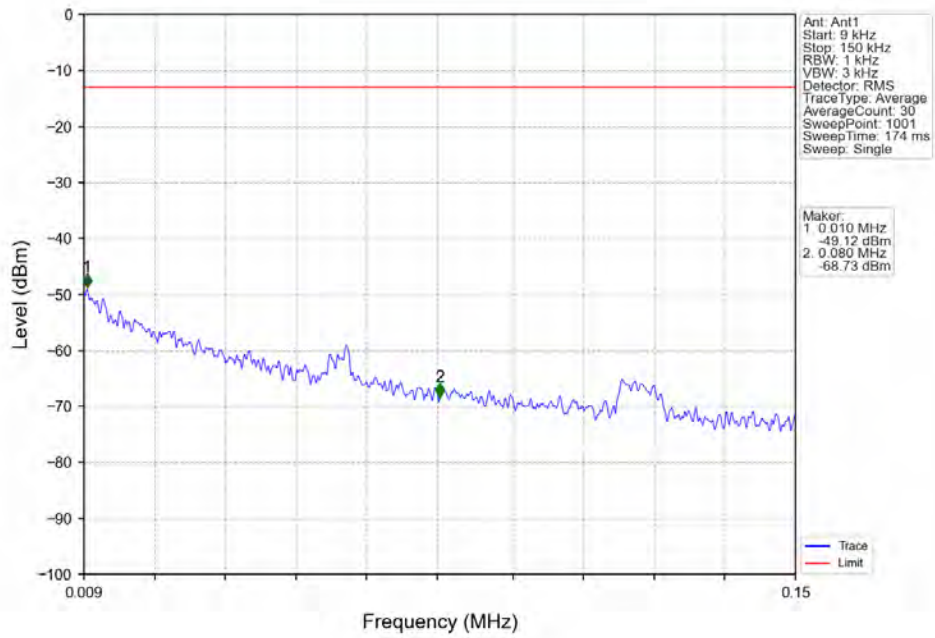
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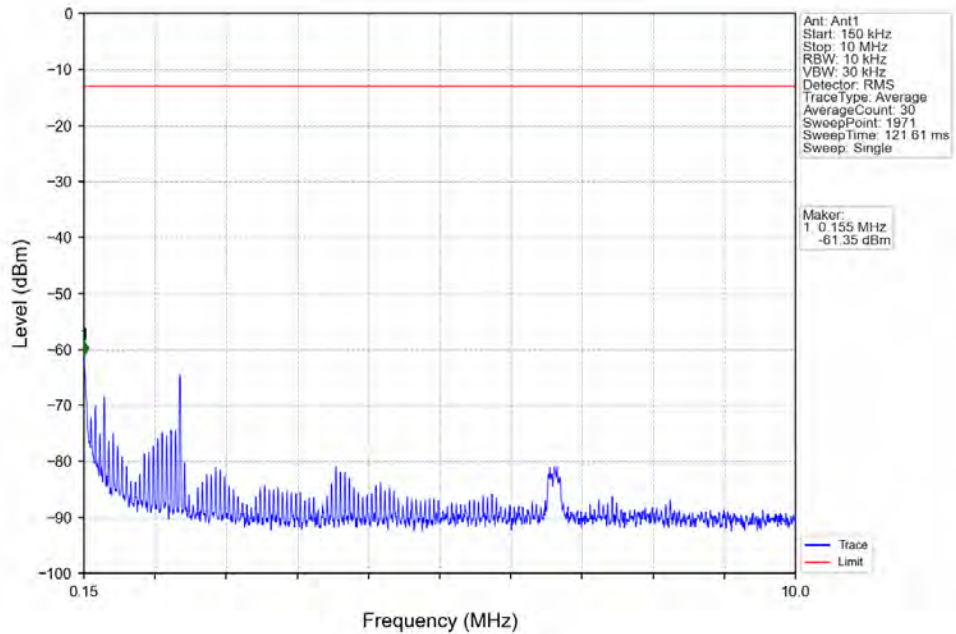
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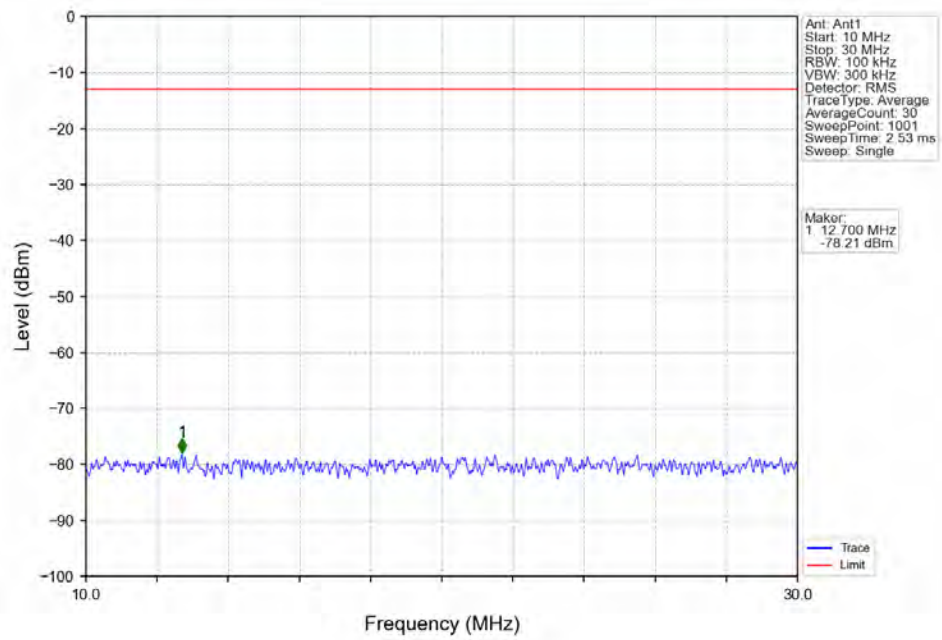
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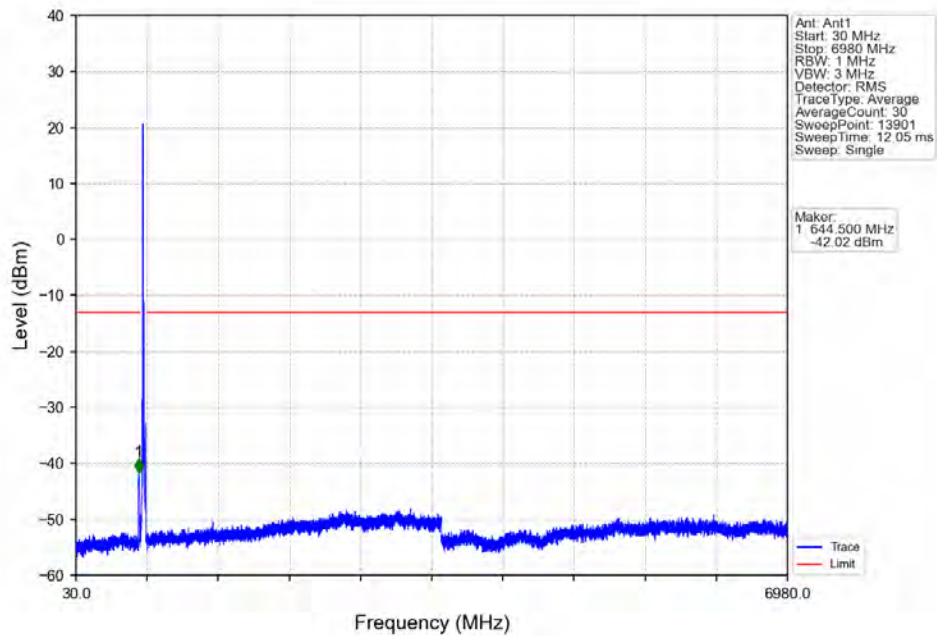
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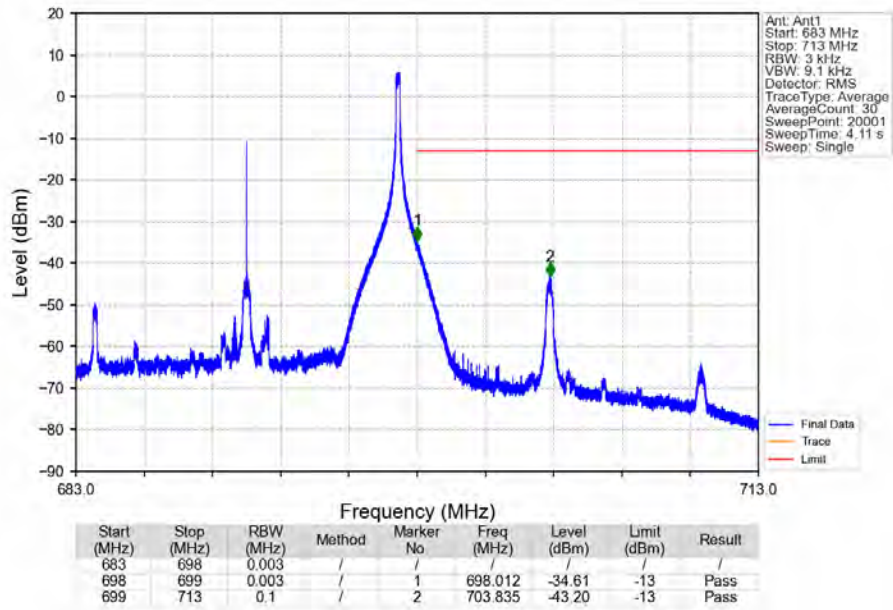
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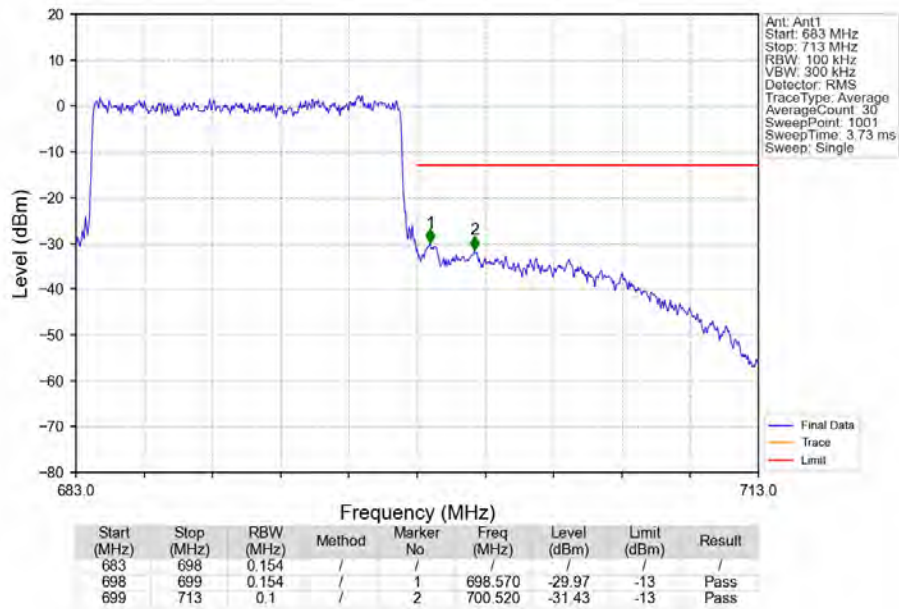
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Band71 15MHz 16QAM HCH 690.5MHz RB 1 74 NTNV



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

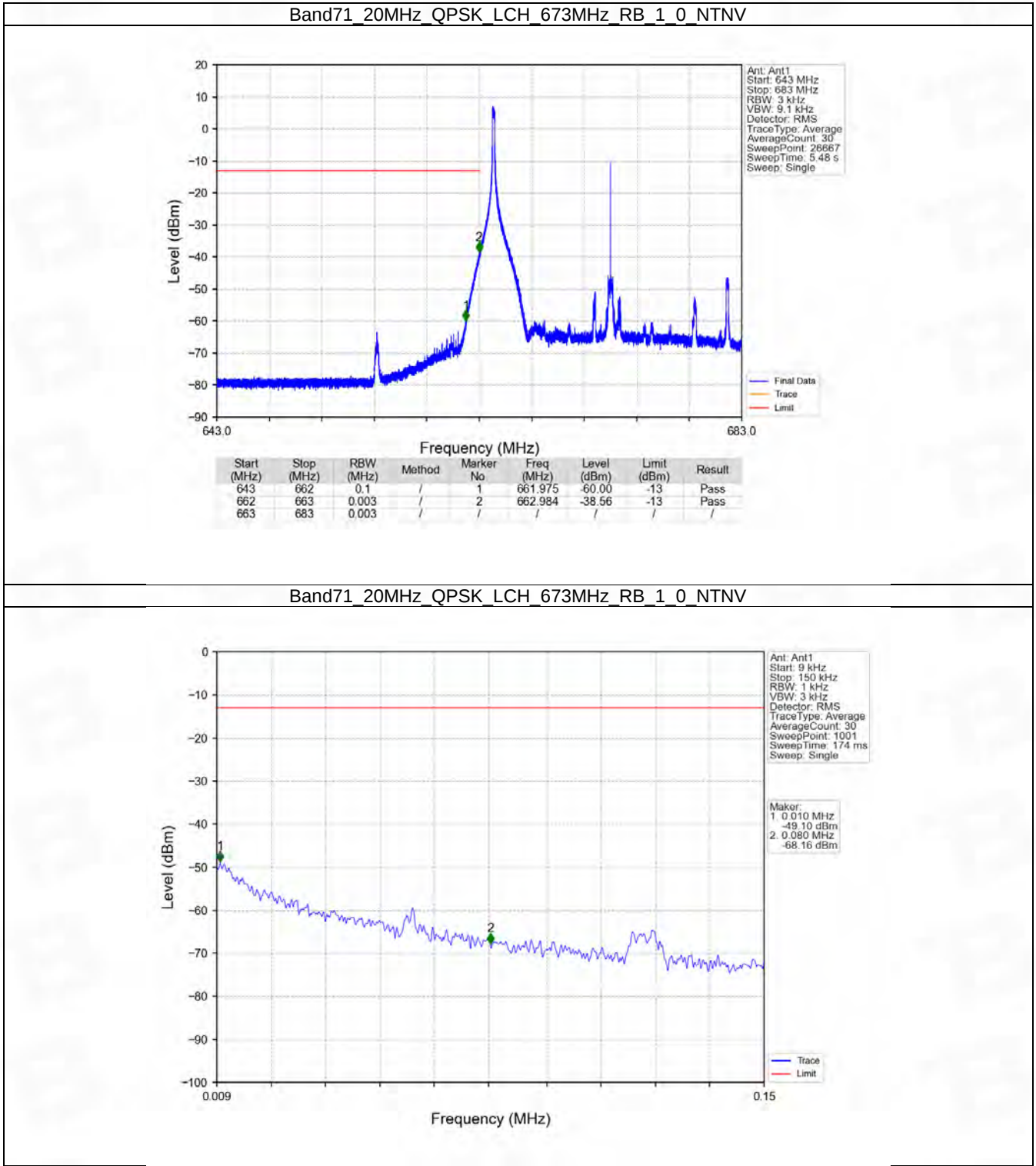


6.4 B71_20MHz

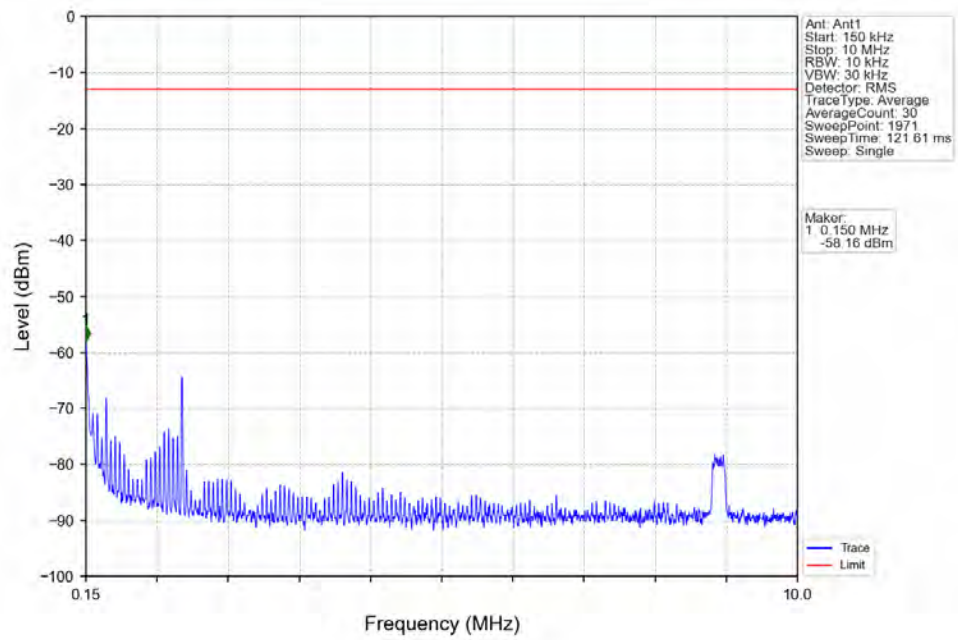
6.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTVN						
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

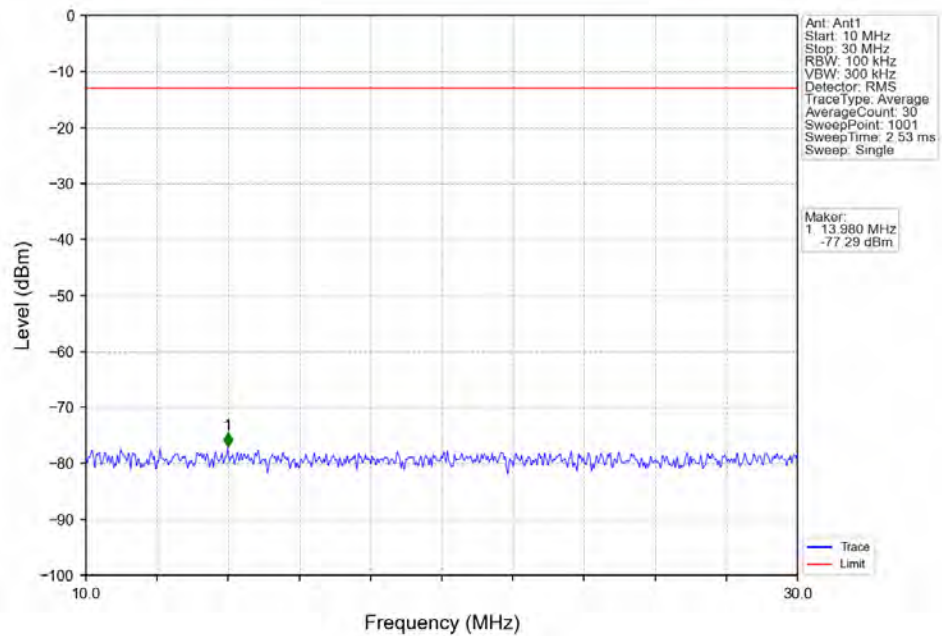
6.4.2 Test Graph



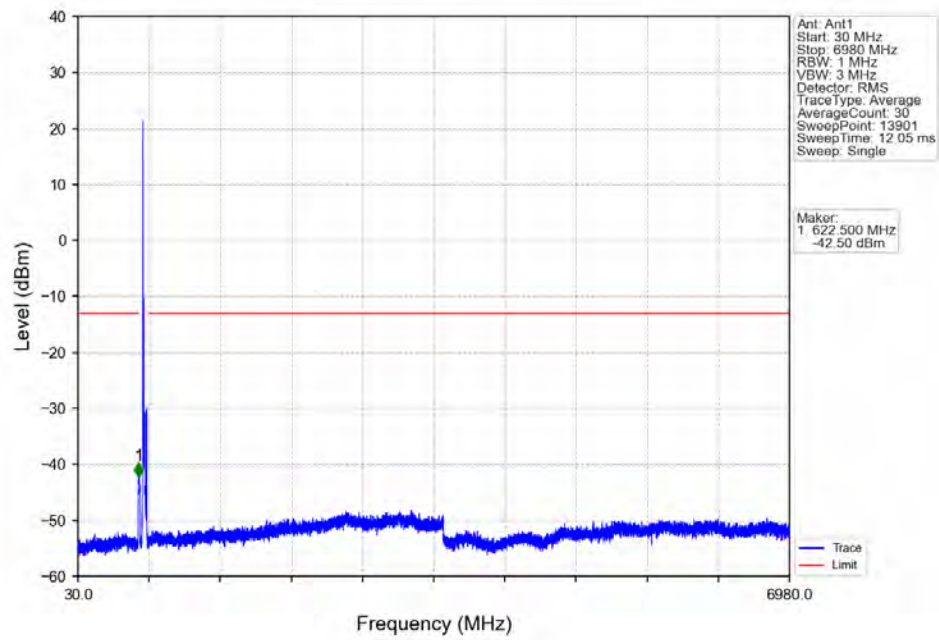
Band71_20MHz QPSK LCH 673MHz RB 1 0 NTN



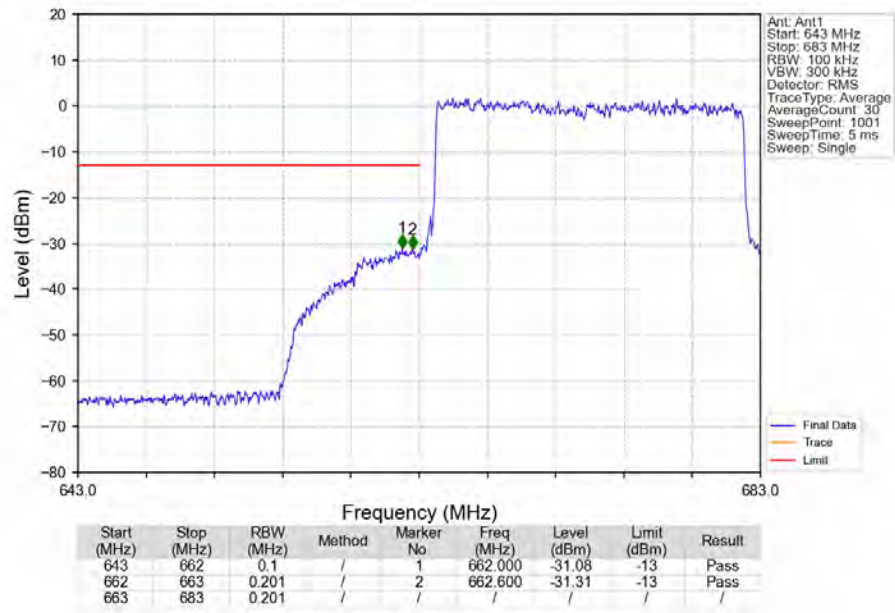
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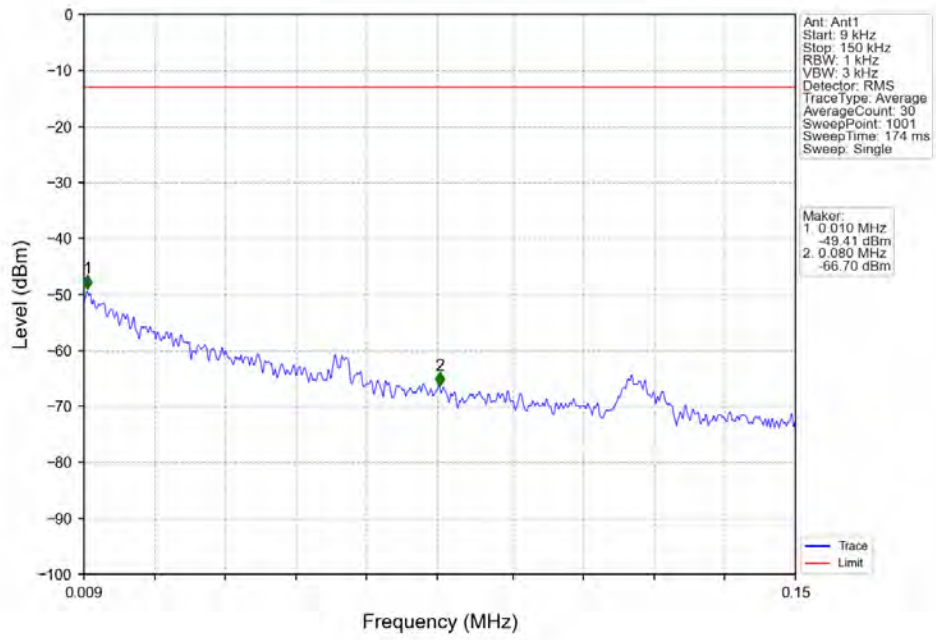
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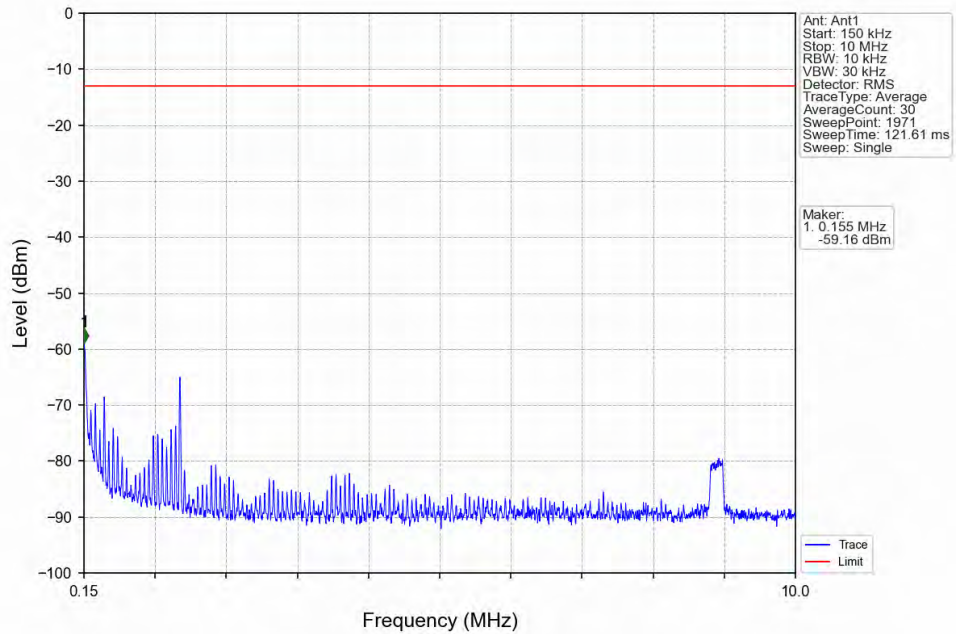
Band71_20MHz QPSK LCH 673MHz RB 100 0 NTN



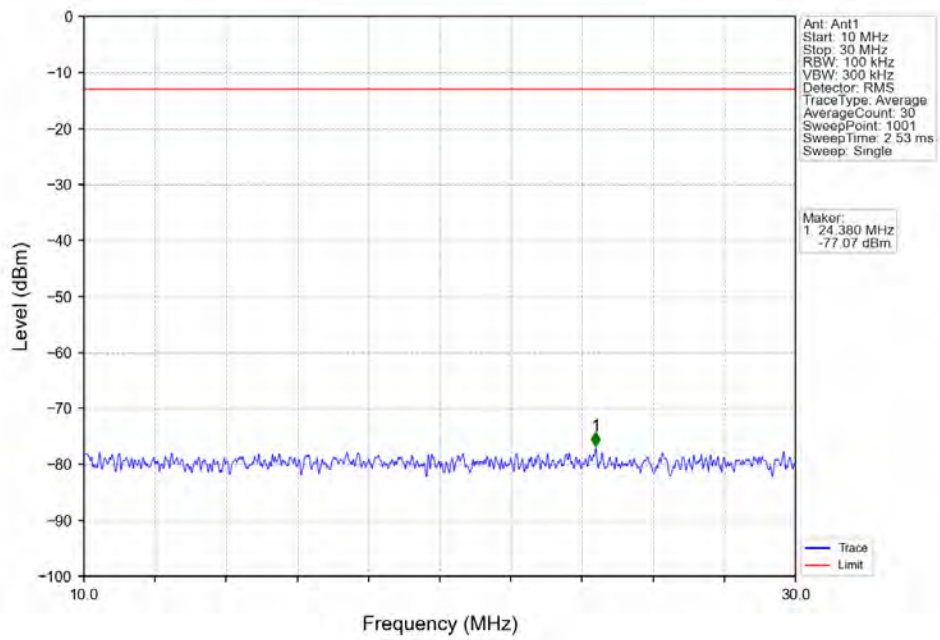
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



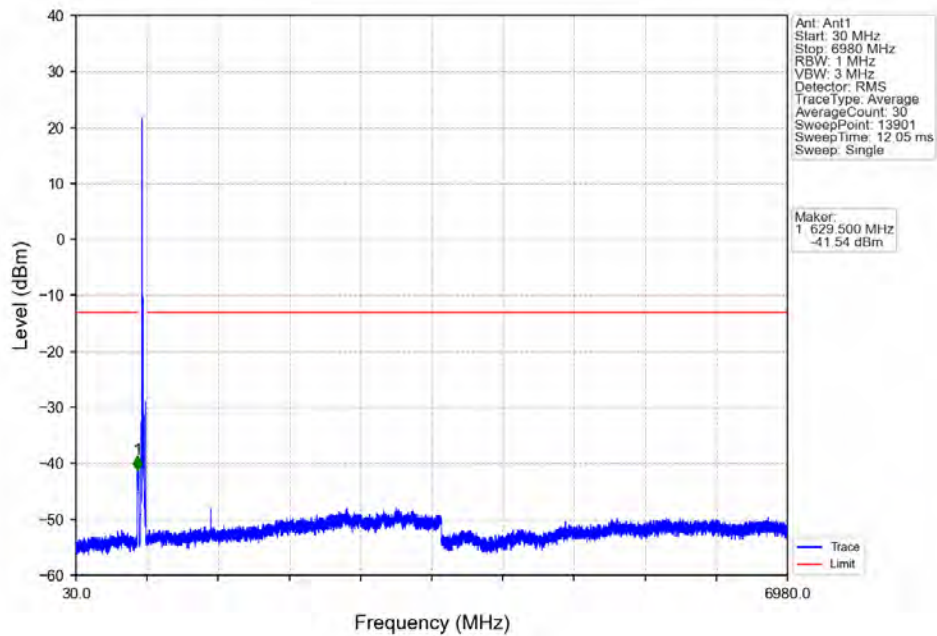
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



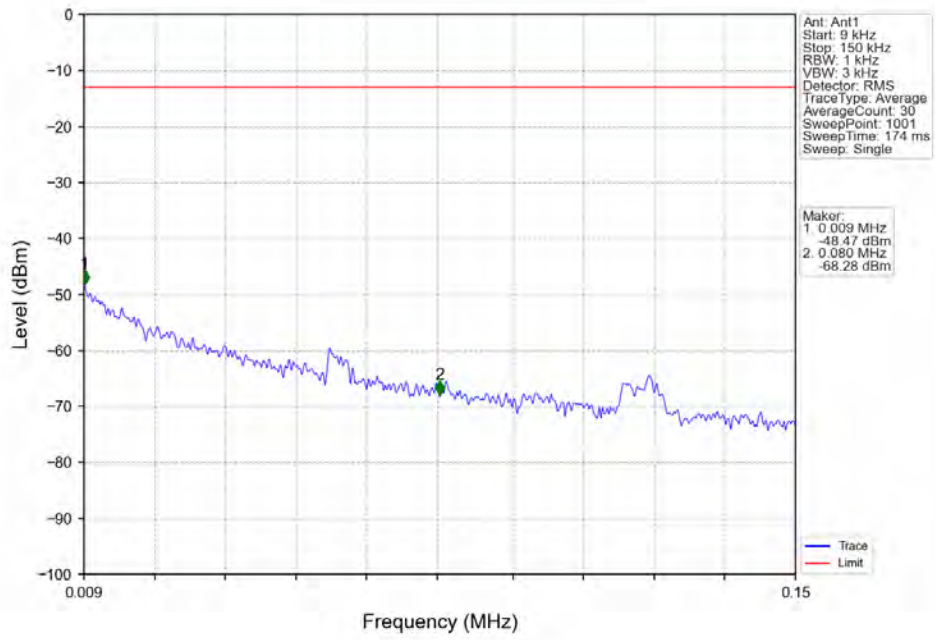
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



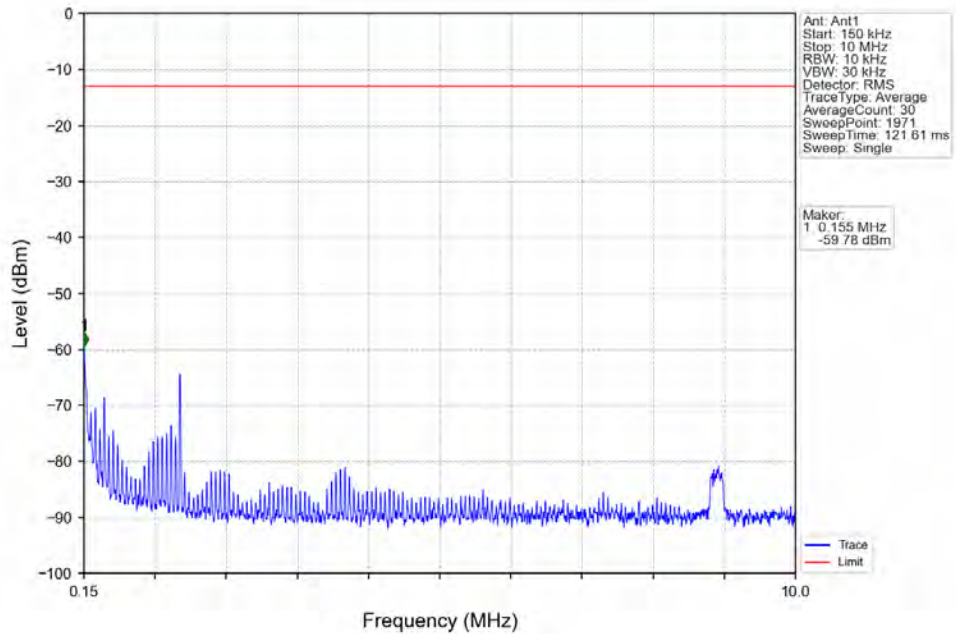
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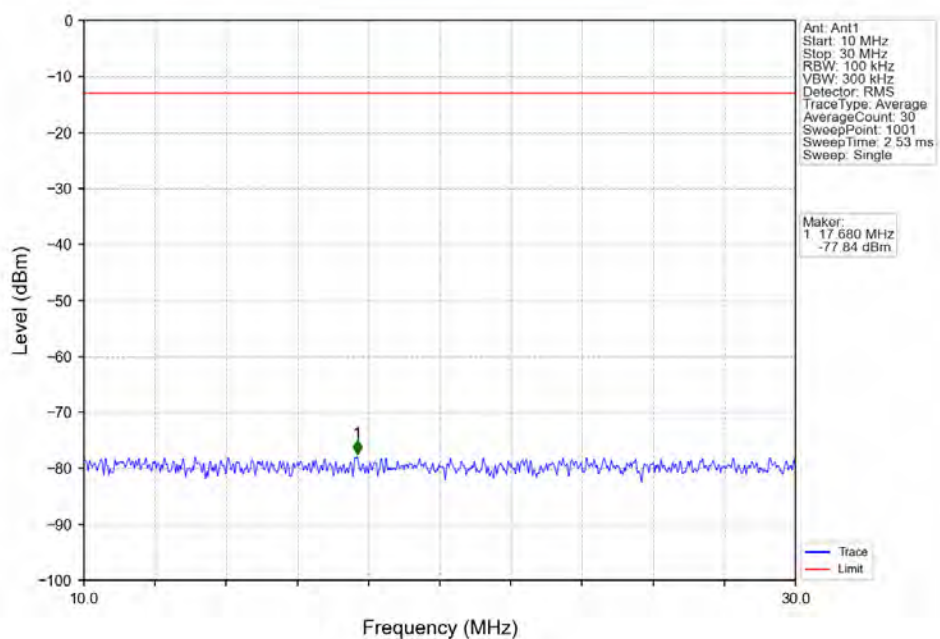
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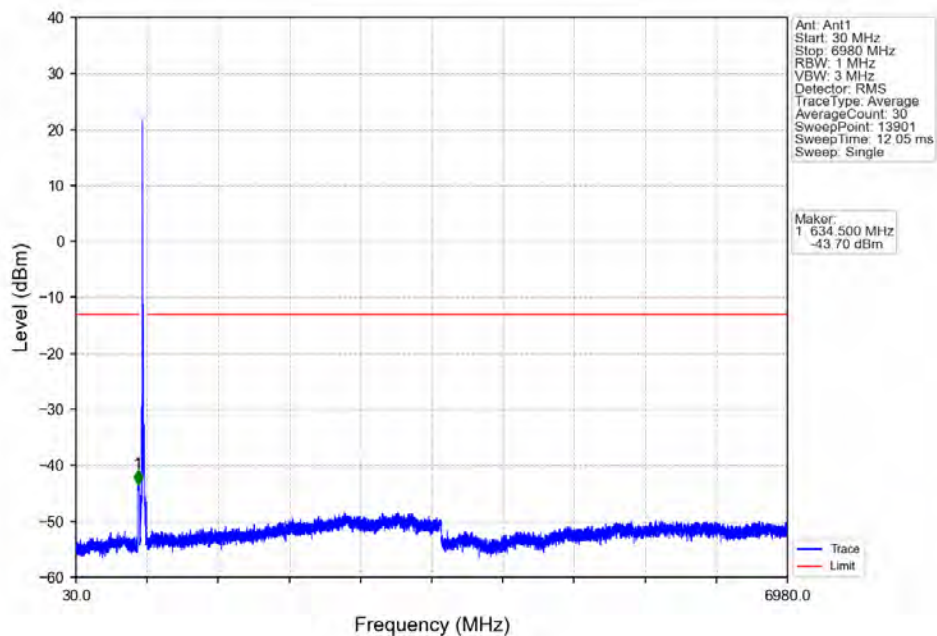
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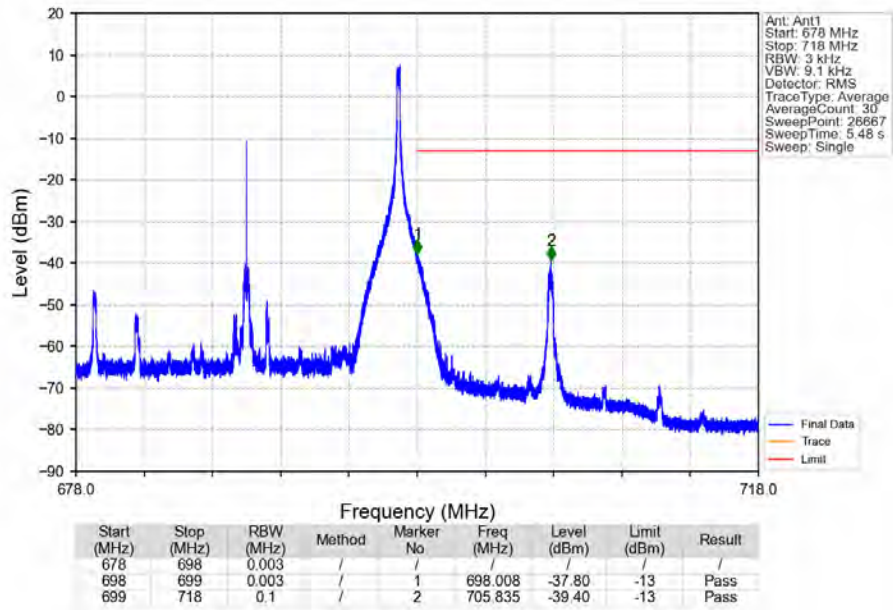
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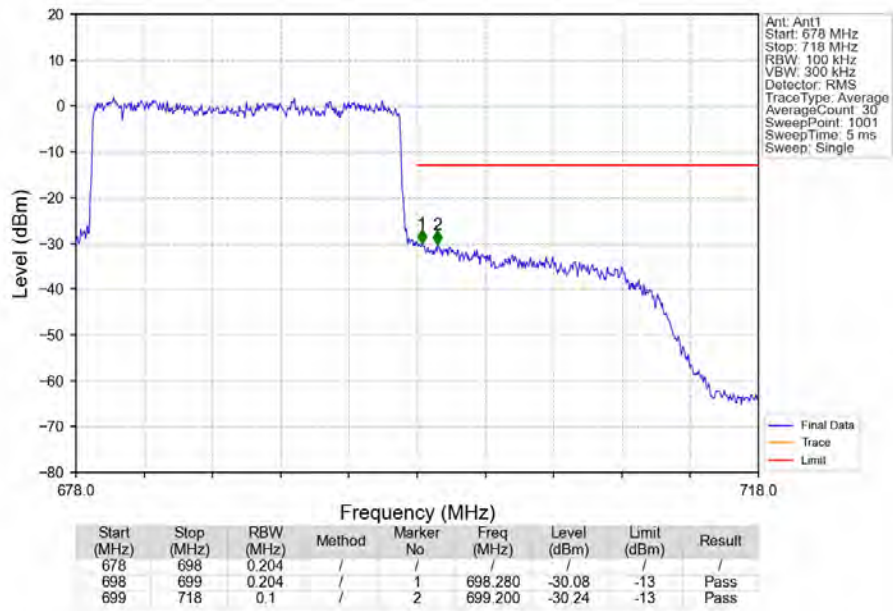
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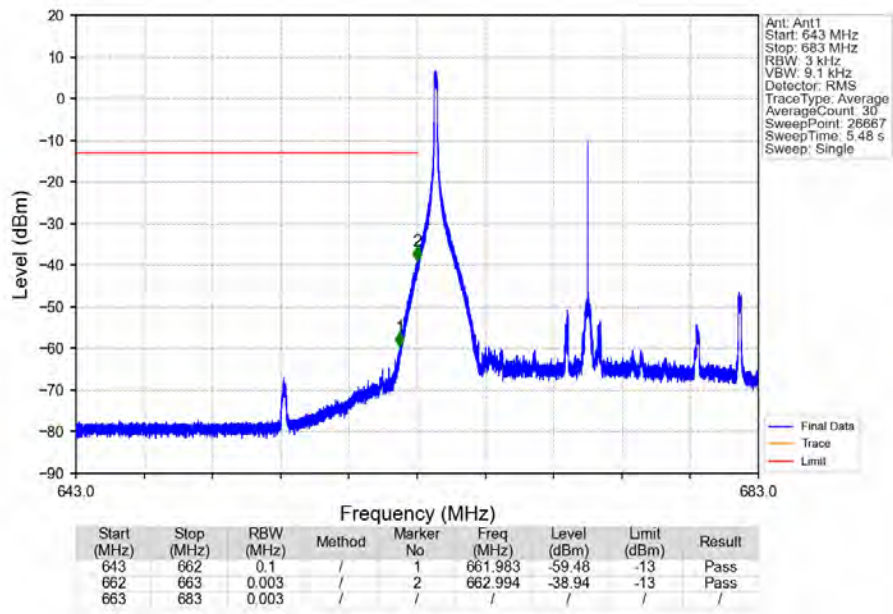
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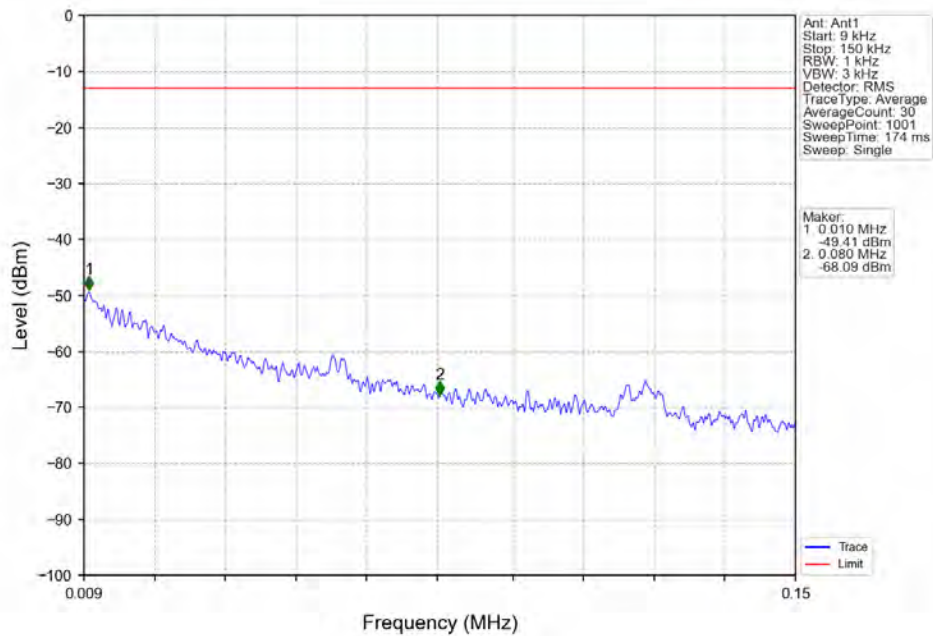
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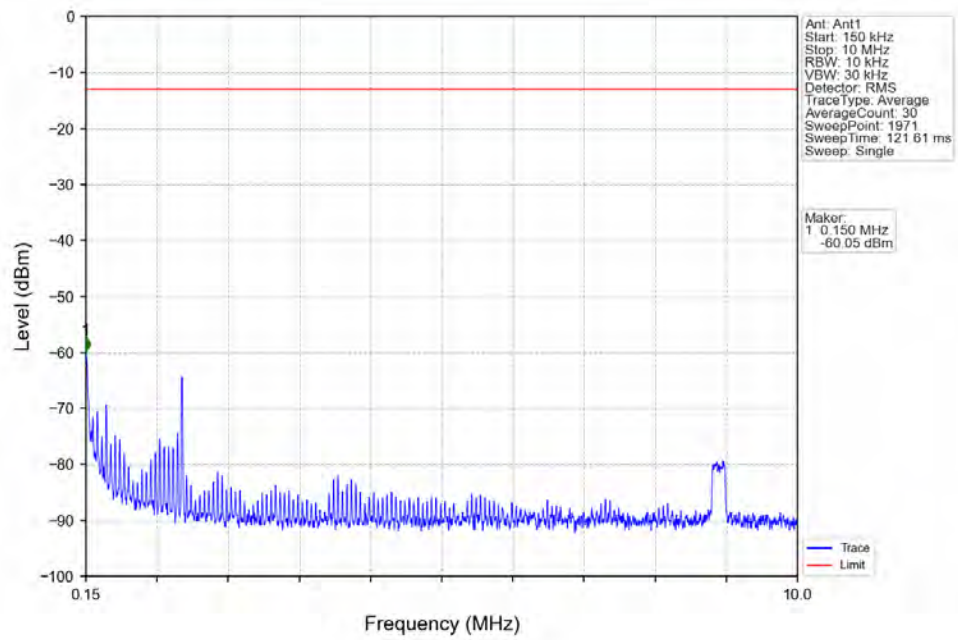
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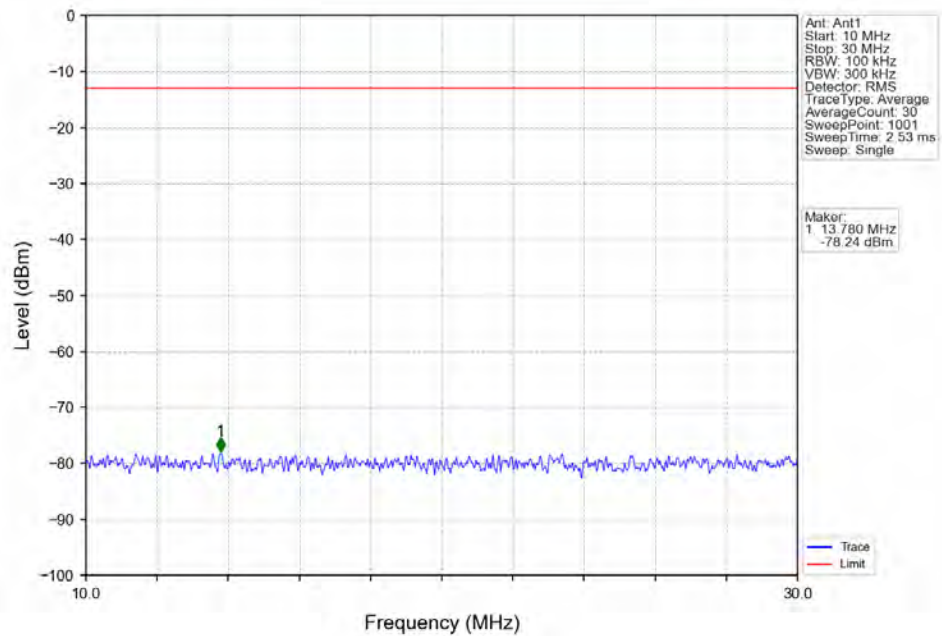
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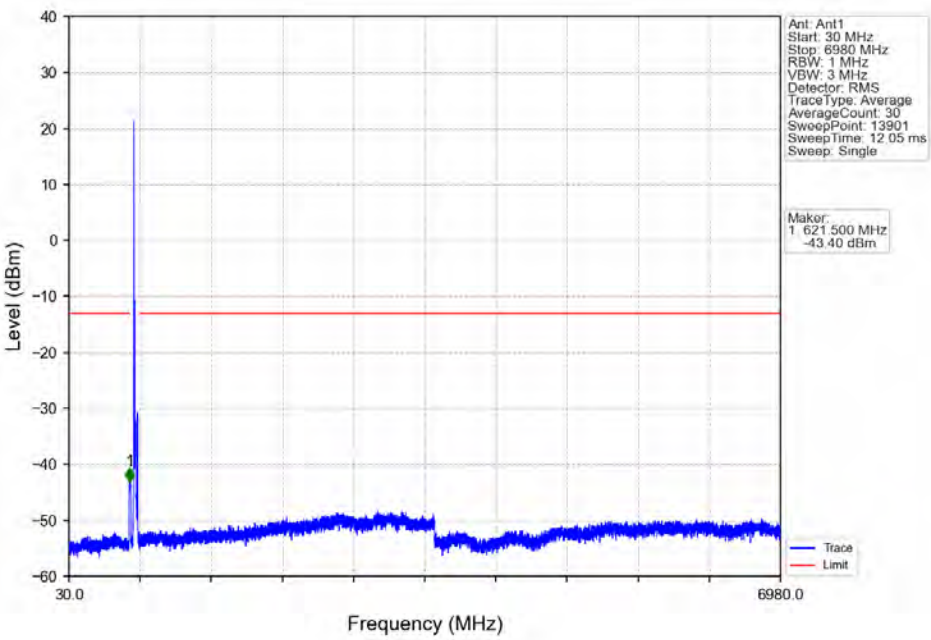
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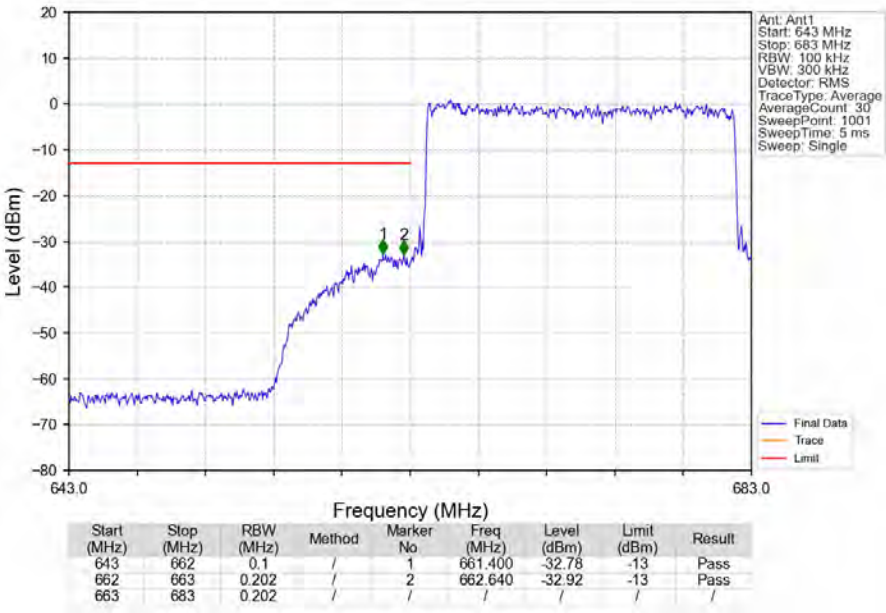
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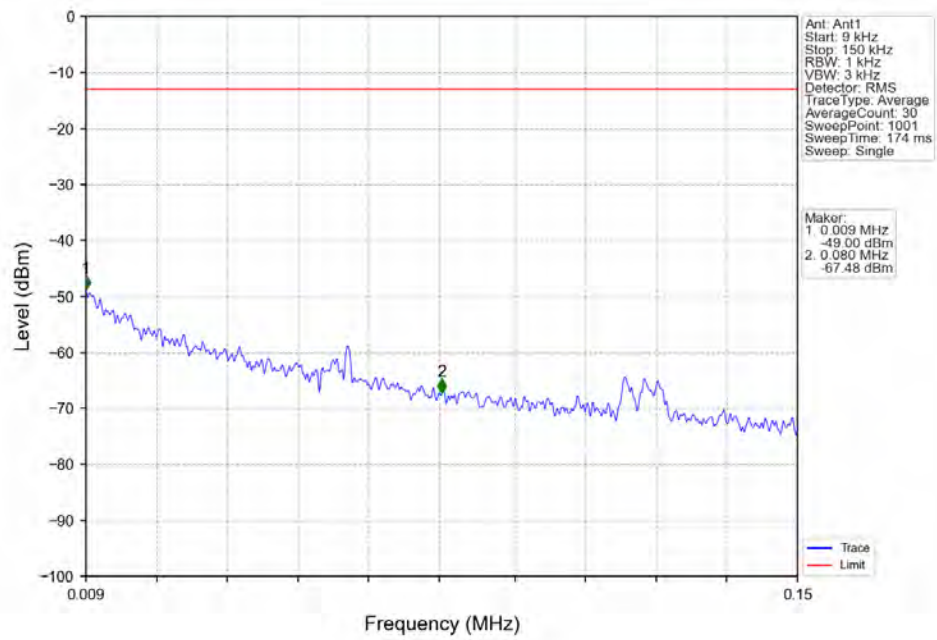
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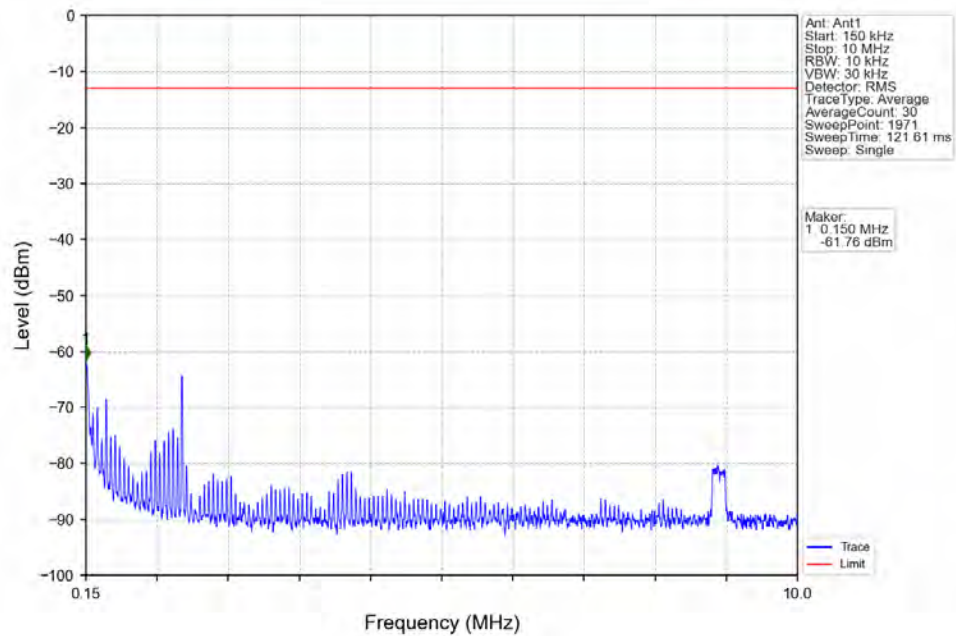
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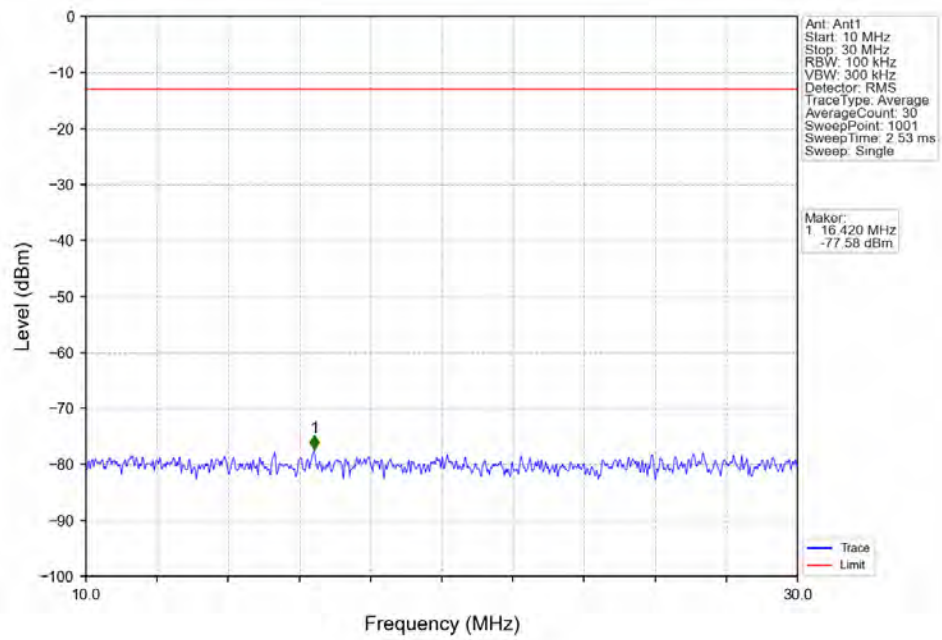
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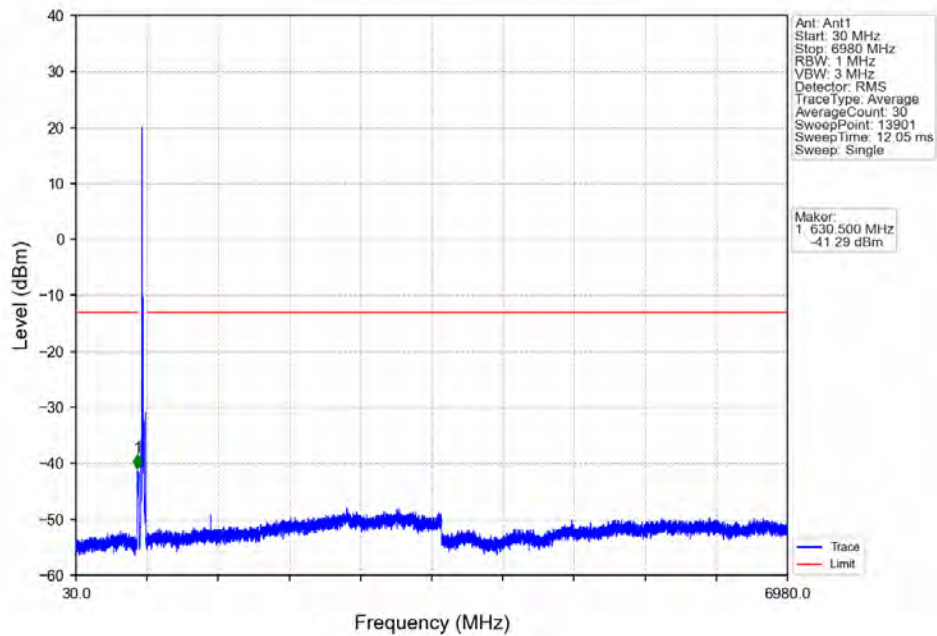
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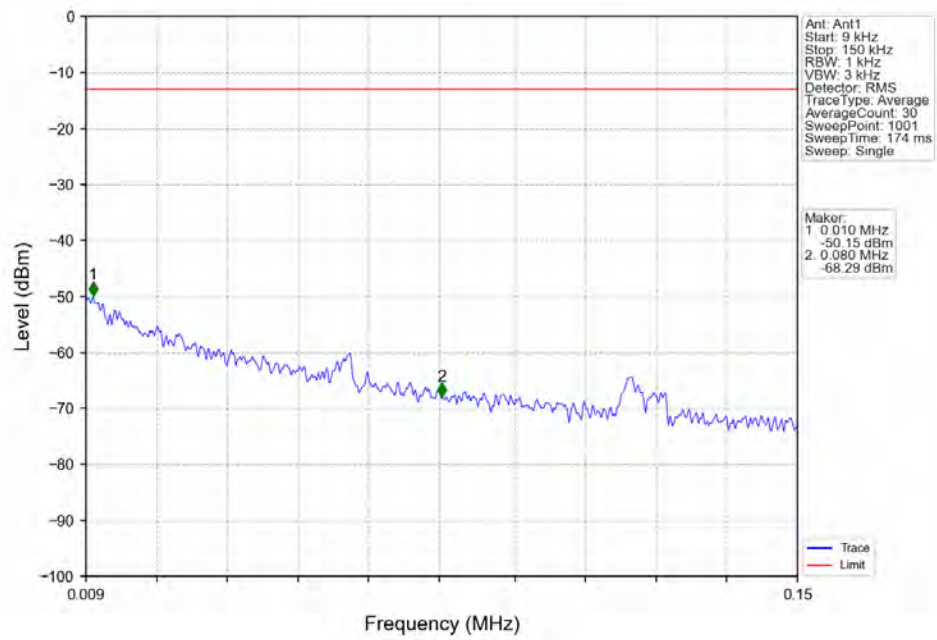
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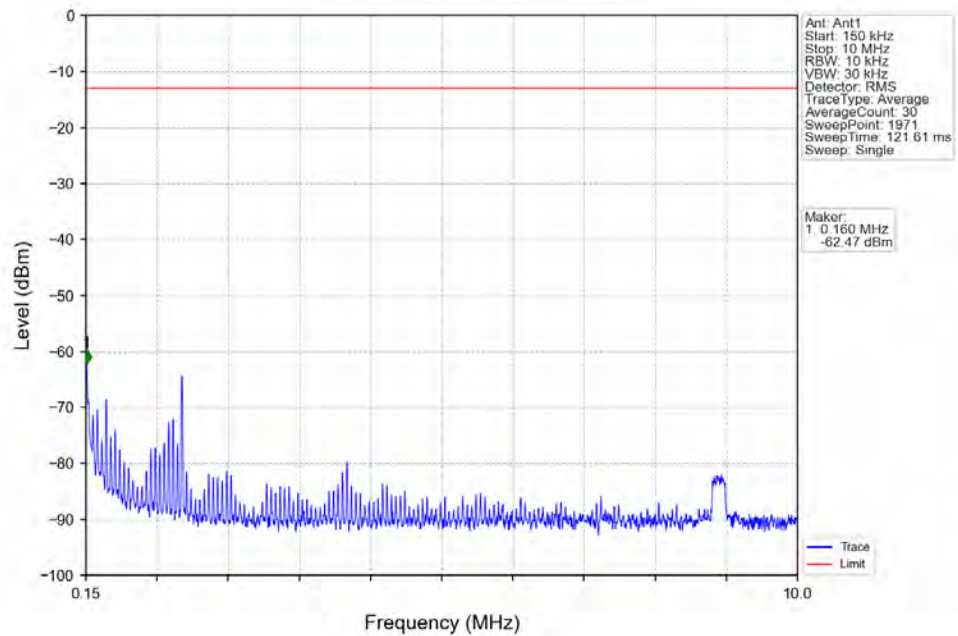
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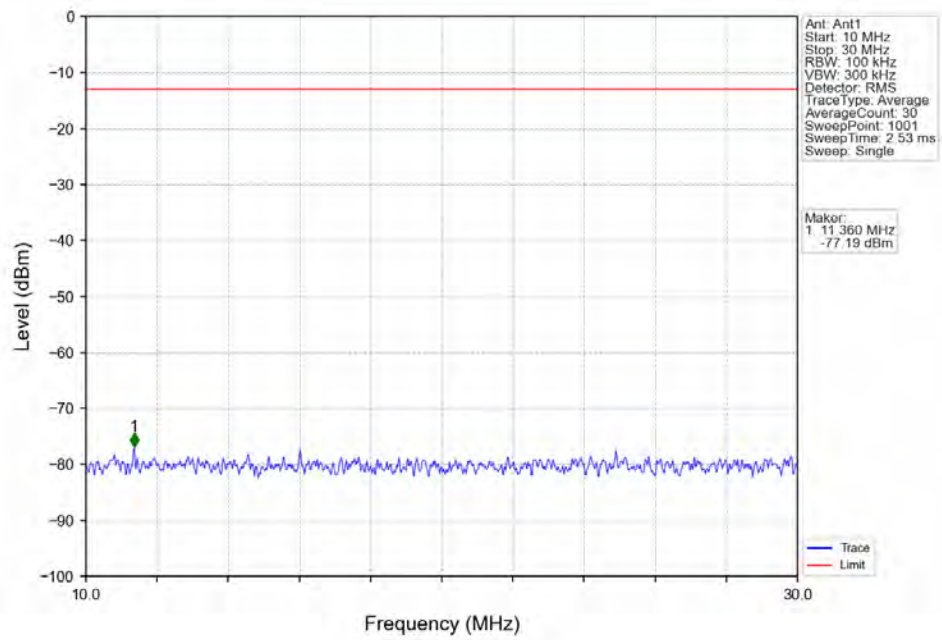
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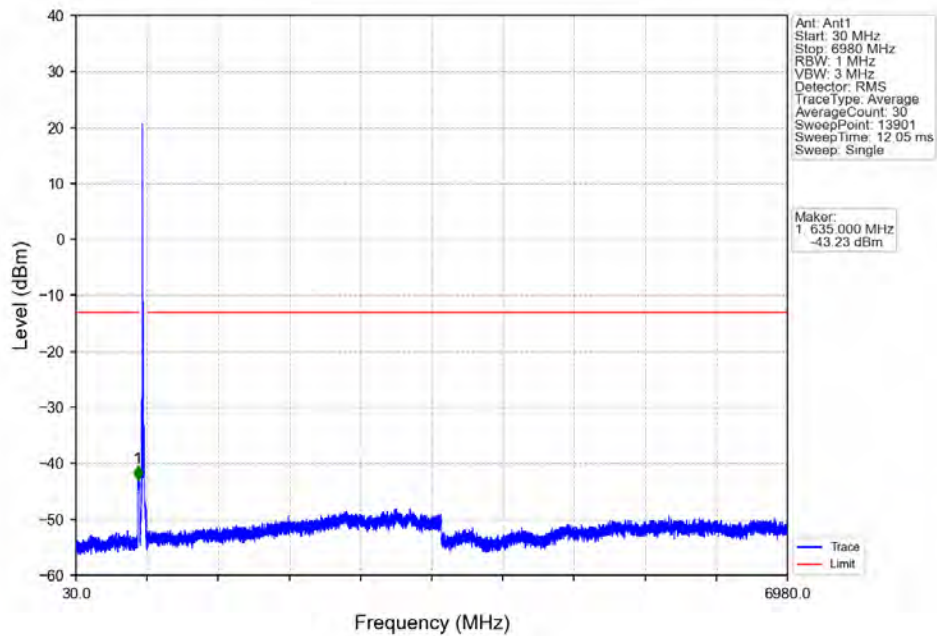
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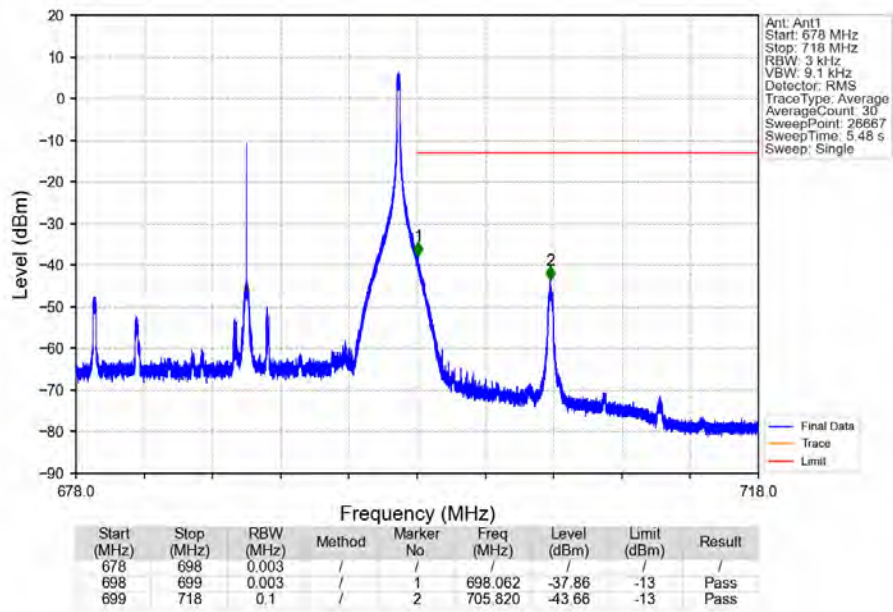
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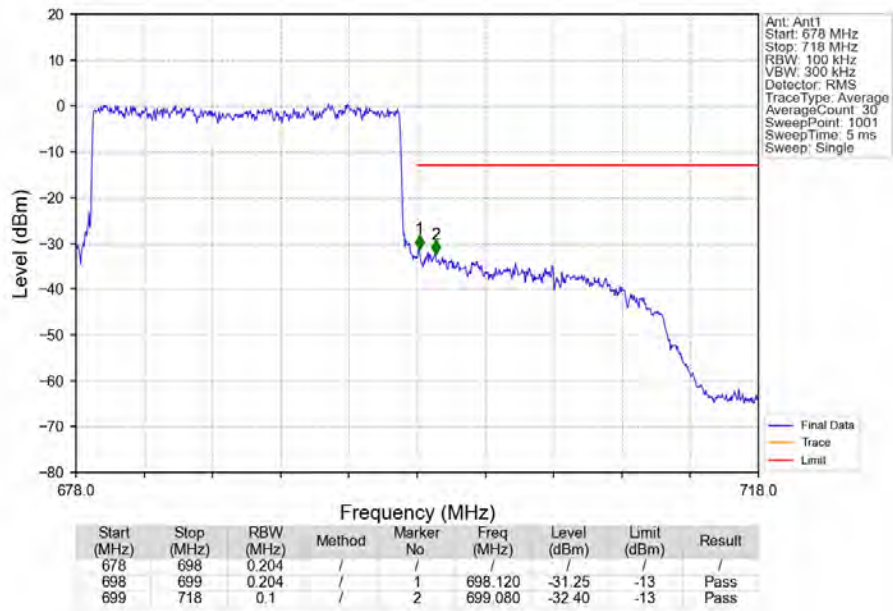
Band71 20MHz 16QAM HCH 688MHz RB 1 0 NTN



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



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



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	0.1977	0.0241	ppm	4M59G7D	27N	22.96
71	5	665.5	695.5	0.1618	0.0164	ppm	4M60W7D	27N	22.09
71	10	668	693	0.2070	0.0177	ppm	9M11G7D	27N	23.16
71	10	668	693	0.1770	0.0156	ppm	9M10W7D	27N	22.48
71	15	670.5	690.5	0.1972	0.0160	ppm	13M7G7D	27N	22.95
71	15	670.5	690.5	0.1710	0.0184	ppm	13M7W7D	27N	22.33
71	20	673	688	0.2004	0.0140	ppm	18M2G7D	27N	23.02
71	20	673	688	0.1706	0.0135	ppm	18M3W7D	27N	22.32

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	0.1261	0.0241	ppm	4M59G7D	27N	21.01
71	5	665.5	695.5	0.1032	0.0164	ppm	4M60W7D	27N	20.14
71	10	668	693	0.1321	0.0177	ppm	9M11G7D	27N	21.21
71	10	668	693	0.1129	0.0156	ppm	9M10W7D	27N	20.53
71	15	670.5	690.5	0.1258	0.0160	ppm	13M7G7D	27N	21
71	15	670.5	690.5	0.1091	0.0184	ppm	13M7W7D	27N	20.38
71	20	673	688	0.1279	0.0140	ppm	18M2G7D	27N	21.07
71	20	673	688	0.1088	0.0135	ppm	18M3W7D	27N	20.37