1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B71_5MHz_ERP

Band: 71 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	24.12	3.00	24.97	<=34.77	Pass
			13	24.15	3.00	25.00	<=34.77	Pass
			24	24.02	3.00	24.87	<=34.77	Pass
		12	0	23.07	3.00	23.92	<=34.77	Pass
			6	23.13	3.00	23.98	<=34.77	Pass
			13	23.06	3.00	23.91	<=34.77	Pass
		25	0	23.09	3.00	23.94	<=34.77	Pass
	680.5	1	0	24.08	3.00	24.93	<=34.77	Pass
			13	24.10	3.00	24.95	<=34.77	Pass
			24	24.00	3.00	24.85	<=34.77	Pass
		12	0	23.06	3.00	23.91	<=34.77	Pass
			6	23.11	3.00	23.96	<=34.77	Pass
			13	23.05	3.00	23.90	<=34.77	Pass
		25	0	23.08	3.00	23.93	<=34.77	Pass
	695.5	1	0	24.00	3.00	24.85	<=34.77	Pass
			13	24.04	3.00	24.89	<=34.77	Pass
			24	23.89	3.00	24.74	<=34.77	Pass
		12	0	22.97	3.00	23.82	<=34.77	Pass
			6	23.01	3.00	23.86	<=34.77	Pass
			13	22.93	3.00	23.78	<=34.77	Pass
		25	0	22.96	3.00	23.81	<=34.77	Pass
16QAM	665.5	1	0	22.91	3.00	23.76	<=34.77	Pass
			13	22.97	3.00	23.82	<=34.77	Pass
			24	22.88	3.00	23.73	<=34.77	Pass
		12	0	22.05	3.00	22.90	<=34.77	Pass
			6	22.11	3.00	22.96	<=34.77	Pass
			13	22.11	3.00	22.96	<=34.77	Pass
		25	0	22.15	3.00	23.00	<=34.77	Pass
	680.5	1	0	23.27	3.00	24.12	<=34.77	Pass
			13	23.33	3.00	24.18	<=34.77	Pass
			24	23.22	3.00	24.07	<=34.77	Pass
		12	0	22.14	3.00	22.99	<=34.77	Pass
			6	22.17	3.00	23.02	<=34.77	Pass
			13	22.13	3.00	22.98	<=34.77	Pass
		25	0	22.09	3.00	22.94	<=34.77	Pass
	695.5	1	0	23.04	3.00	23.89	<=34.77	Pass
			13	23.04	3.00	23.89	<=34.77	Pass
			24	22.97	3.00	23.82	<=34.77	Pass
		12	0	21.97	3.00	22.82	<=34.77	Pass
			6	21.97	3.00	22.82	<=34.77	Pass
			13	21.92	3.00	22.77	<=34.77	Pass
		25	0	21.95	3.00	22.80	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	24.13	3.00	24.98	<=34.77	Pass
			25	24.04	3.00	24.89	<=34.77	Pass
			49	23.96	3.00	24.81	<=34.77	Pass
		25	0	23.08	3.00	23.93	<=34.77	Pass
			13	23.13	3.00	23.98	<=34.77	Pass
			25	23.03	3.00	23.88	<=34.77	Pass
		50	0	23.10	3.00	23.95	<=34.77	Pass
	680.5	1	0	24.09	3.00	24.94	<=34.77	Pass
			25	24.01	3.00	24.86	<=34.77	Pass
			49	23.91	3.00	24.76	<=34.77	Pass
		25	0	23.08	3.00	23.93	<=34.77	Pass
			13	23.14	3.00	23.99	<=34.77	Pass
			25	23.10	3.00	23.95	<=34.77	Pass
		50	0	23.07	3.00	23.92	<=34.77	Pass
	693	1	0	24.10	3.00	24.95	<=34.77	Pass
			25	24.00	3.00	24.85	<=34.77	Pass
			49	23.92	3.00	24.77	<=34.77	Pass
		25	0	23.04	3.00	23.89	<=34.77	Pass
			13	23.04	3.00	23.89	<=34.77	Pass
			25	22.94	3.00	23.79	<=34.77	Pass
		50	0	23.00	3.00	23.85	<=34.77	Pass
16QAM	668	1	0	23.54	3.00	24.39	<=34.77	Pass
			25	23.59	3.00	24.44	<=34.77	Pass
			49	23.49	3.00	24.34	<=34.77	Pass
		25	0	22.17	3.00	23.02	<=34.77	Pass
			13	22.19	3.00	23.04	<=34.77	Pass
			25	22.12	3.00	22.97	<=34.77	Pass
		50	0	22.13	3.00	22.98	<=34.77	Pass
	680.5	1	0	23.26	3.00	24.11	<=34.77	Pass
			25	23.20	3.00	24.05	<=34.77	Pass
			49	23.15	3.00	24.00	<=34.77	Pass
		25	0	22.15	3.00	23.00	<=34.77	Pass
			13	22.13	3.00	22.98	<=34.77	Pass
			25	22.09	3.00	22.94	<=34.77	Pass
		50	0	22.10	3.00	22.95	<=34.77	Pass
	693	1	0	23.13	3.00	23.98	<=34.77	Pass
			25	22.96	3.00	23.81	<=34.77	Pass
			49	22.85	3.00	23.70	<=34.77	Pass
		25	0	22.15	3.00	23.00	<=34.77	Pass
			13	22.11	3.00	22.96	<=34.77	Pass
			25	22.02	3.00	22.87	<=34.77	Pass
		50	0	22.05	3.00	22.90	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B71_15MHz_ERP

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	24.11	3.00	24.96	<=34.77	Pass
			38	24.01	3.00	24.86	<=34.77	Pass
			74	24.05	3.00	24.90	<=34.77	Pass

		36	0	23.18	3.00	24.03	<=34.77	Pass
			18	23.14	3.00	23.99	<=34.77	Pass
			39	23.17	3.00	24.02	<=34.77	Pass
		75	0	23.22	3.00	24.07	<=34.77	Pass
	680.5	1	0	24.04	3.00	24.89	<=34.77	Pass
			38	24.03	3.00	24.88	<=34.77	Pass
			74	24.00	3.00	24.85	<=34.77	Pass
		36	0	23.16	3.00	24.01	<=34.77	Pass
			18	23.15	3.00	24.00	<=34.77	Pass
			39	23.08	3.00	23.93	<=34.77	Pass
		75	0	23.11	3.00	23.96	<=34.77	Pass
	690.5	1	0	24.08	3.00	24.93	<=34.77	Pass
			38	24.01	3.00	24.86	<=34.77	Pass
			74	23.91	3.00	24.76	<=34.77	Pass
		36	0	23.05	3.00	23.90	<=34.77	Pass
			18	23.11	3.00	23.96	<=34.77	Pass
			39	23.05	3.00	23.90	<=34.77	Pass
		75	0	23.02	3.00	23.87	<=34.77	Pass
16QAM	670.5	1	0	23.61	3.00	24.46	<=34.77	Pass
			38	23.63	3.00	24.48	<=34.77	Pass
			74	23.55	3.00	24.40	<=34.77	Pass
		36	0	22.17	3.00	23.02	<=34.77	Pass
			18	22.17	3.00	23.02	<=34.77	Pass
			39	22.17	3.00	23.02	<=34.77	Pass
		75	0	22.24	3.00	23.09	<=34.77	Pass
	680.5	1	0	23.20	3.00	24.05	<=34.77	Pass
			38	23.21	3.00	24.06	<=34.77	Pass
			74	23.19	3.00	24.04	<=34.77	Pass
		36	0	22.15	3.00	23.00	<=34.77	Pass
			18	22.16	3.00	23.01	<=34.77	Pass
			39	22.07	3.00	22.92	<=34.77	Pass
		75	0	22.16	3.00	23.01	<=34.77	Pass
	690.5	1	0	23.45	3.00	24.30	<=34.77	Pass
			38	23.39	3.00	24.24	<=34.77	Pass
			74	23.16	3.00	24.01	<=34.77	Pass
		36	0	22.06	3.00	22.91	<=34.77	Pass
			18	22.11	3.00	22.96	<=34.77	Pass
			39	21.99	3.00	22.84	<=34.77	Pass
		75	0	21.96	3.00	22.81	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	24.10	3.00	24.95	<=34.77	Pass
			50	23.99	3.00	24.84	<=34.77	Pass
			99	23.96	3.00	24.81	<=34.77	Pass
		50	0	23.13	3.00	23.98	<=34.77	Pass
			25	23.15	3.00	24.00	<=34.77	Pass
			50	23.07	3.00	23.92	<=34.77	Pass
		100	0	23.12	3.00	23.97	<=34.77	Pass
	683	1	0	24.02	3.00	24.87	<=34.77	Pass
			50	24.00	3.00	24.85	<=34.77	Pass

			99	23.92	3.00	24.77	<=34.77	Pass
		50	0	23.10	3.00	23.95	<=34.77	Pass
			25	23.02	3.00	23.87	<=34.77	Pass
			50	22.95	3.00	23.80	<=34.77	Pass
		100	0	23.05	3.00	23.90	<=34.77	Pass
	688	1	0	24.07	3.00	24.92	<=34.77	Pass
			50	24.04	3.00	24.89	<=34.77	Pass
			99	23.86	3.00	24.71	<=34.77	Pass
		50	0	23.09	3.00	23.94	<=34.77	Pass
			25	23.03	3.00	23.88	<=34.77	Pass
			50	22.98	3.00	23.83	<=34.77	Pass
		100	0	22.96	3.00	23.81	<=34.77	Pass
16QAM	673	1	0	23.28	3.00	24.13	<=34.77	Pass
			50	23.25	3.00	24.10	<=34.77	Pass
			99	23.20	3.00	24.05	<=34.77	Pass
		50	0	22.12	3.00	22.97	<=34.77	Pass
			25	22.13	3.00	22.98	<=34.77	Pass
			50	22.06	3.00	22.91	<=34.77	Pass
		100	0	22.14	3.00	22.99	<=34.77	Pass
	683	1	0	23.23	3.00	24.08	<=34.77	Pass
			50	23.20	3.00	24.05	<=34.77	Pass
			99	23.06	3.00	23.91	<=34.77	Pass
		50	0	22.14	3.00	22.99	<=34.77	Pass
			25	22.06	3.00	22.91	<=34.77	Pass
			50	21.98	3.00	22.83	<=34.77	Pass
		100	0	22.08	3.00	22.93	<=34.77	Pass
	688	1	0	23.60	3.00	24.45	<=34.77	Pass
			50	23.57	3.00	24.42	<=34.77	Pass
			99	23.28	3.00	24.13	<=34.77	Pass
		50	0	22.09	3.00	22.94	<=34.77	Pass
			25	22.04	3.00	22.89	<=34.77	Pass
			50	21.97	3.00	22.82	<=34.77	Pass
		100	0	21.98	3.00	22.83	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B71_5MHz

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	0.399	0.0006	-2.5 to 2.5	Pass
					3.85	-1.306	-0.0020	-2.5 to 2.5	Pass
					4.43	0.738	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.297	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.968	0.0045	-2.5 to 2.5	Pass
				-10	3.85	-0.281	-0.0004	-2.5 to 2.5	Pass
				0	3.85	3.802	0.0057	-2.5 to 2.5	Pass
				10	3.85	4.353	0.0065	-2.5 to 2.5	Pass
				30	3.85	0.977	0.0015	-2.5 to 2.5	Pass
				40	3.85	-0.075	-0.0001	-2.5 to 2.5	Pass

				50	3.85	1.004	0.0015	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-0.219	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.560	-0.0008	-2.5 to 2.5	Pass
					4.43	1.018	0.0015	-2.5 to 2.5	Pass
				-30	3.85	1.393	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.953	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	0.117	0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.885	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-0.251	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.418	0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.767	-0.0026	-2.5 to 2.5	Pass
				50	3.85	0.922	0.0014	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-0.832	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.919	-0.0013	-2.5 to 2.5	Pass
					4.43	2.602	0.0037	-2.5 to 2.5	Pass
				-30	3.85	1.200	0.0017	-2.5 to 2.5	Pass
				-20	3.85	0.115	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.045	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.965	-0.0014	-2.5 to 2.5	Pass
				10	3.85	1.888	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.306	0.0048	-2.5 to 2.5	Pass
				40	3.85	1.846	0.0027	-2.5 to 2.5	Pass
				50	3.85	0.121	0.0002	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	3.101	0.0047	-2.5 to 2.5	Pass
					3.85	-1.213	-0.0018	-2.5 to 2.5	Pass
					4.43	0.206	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.040	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.892	0.0043	-2.5 to 2.5	Pass
				-10	3.85	0.923	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.875	0.0013	-2.5 to 2.5	Pass
				10	3.85	0.919	0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.025	-0.0030	-2.5 to 2.5	Pass
				40	3.85	0.642	0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.017	-0.0015	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	3.111	0.0046	-2.5 to 2.5	Pass
					3.85	0.765	0.0011	-2.5 to 2.5	Pass
					4.43	3.919	0.0058	-2.5 to 2.5	Pass
				-30	3.85	-0.829	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.294	0.0034	-2.5 to 2.5	Pass
				-10	3.85	0.748	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.884	0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.493	-0.0037	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.032	-0.0030	-2.5 to 2.5	Pass
				50	3.85	0.483	0.0007	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-0.632	-0.0009	-2.5 to 2.5	Pass
					3.85	0.973	0.0014	-2.5 to 2.5	Pass
					4.43	1.051	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-0.151	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.312	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.996	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.798	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.824	-0.0026	-2.5 to 2.5	Pass
				30	3.85	0.791	0.0011	-2.5 to 2.5	Pass
				40	3.85	0.597	0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.357	-0.0034	-2.5 to 2.5	Pass

2.1.2 B71_10MHz

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	5.475	0.0082	-2.5 to 2.5	Pass
					3.85	-1.445	-0.0022	-2.5 to 2.5	Pass
					4.43	-1.642	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.136	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.041	0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.199	0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.455	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.892	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.220	-0.0033	-2.5 to 2.5	Pass
				40	3.85	2.766	0.0041	-2.5 to 2.5	Pass
				50	3.85	-1.009	-0.0015	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-0.131	-0.0002	-2.5 to 2.5	Pass
					3.85	3.099	0.0046	-2.5 to 2.5	Pass
					4.43	-1.471	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.227	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.976	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.090	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.324	-0.0005	-2.5 to 2.5	Pass
				10	3.85	2.528	0.0037	-2.5 to 2.5	Pass
				30	3.85	1.517	0.0022	-2.5 to 2.5	Pass
				40	3.85	2.665	0.0039	-2.5 to 2.5	Pass
				50	3.85	-0.906	-0.0013	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-1.355	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.871	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.432	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-0.955	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	2.542	0.0037	-2.5 to 2.5	Pass
				0	3.85	1.162	0.0017	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.098	0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.254	-0.0004	-2.5 to 2.5	Pass
				50	3.85	1.009	0.0015	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-2.115	-0.0032	-2.5 to 2.5	Pass
					3.85	-0.002	0.0000	-2.5 to 2.5	Pass
					4.43	-1.360	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.123	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.511	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-0.914	-0.0014	-2.5 to 2.5	Pass
				0	3.85	1.077	0.0016	-2.5 to 2.5	Pass
				10	3.85	0.413	0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.351	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.383	-0.0021	-2.5 to 2.5	Pass
				50	3.85	1.941	0.0029	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-0.065	-0.0001	-2.5 to 2.5	Pass
					3.85	1.070	0.0016	-2.5 to 2.5	Pass
					4.43	-2.018	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	1.113	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.075	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.603	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.386	-0.0006	-2.5 to 2.5	Pass

				10	3.85	-2.433	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.901	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-1.827	-0.0027	-2.5 to 2.5	Pass
				50	3.85	0.206	0.0003	-2.5 to 2.5	Pass
	693	50	0	20	3.27	2.554	0.0037	-2.5 to 2.5	Pass
					3.85	-0.685	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.352	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-1.952	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	0.910	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.615	-0.0023	-2.5 to 2.5	Pass
				0	3.85	1.348	0.0019	-2.5 to 2.5	Pass
				10	3.85	2.168	0.0031	-2.5 to 2.5	Pass
				30	3.85	-0.827	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.802	0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.872	-0.0013	-2.5 to 2.5	Pass

2.1.3 B71_15MHz

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	-1.741	-0.0026	-2.5 to 2.5	Pass
					3.85	2.067	0.0031	-2.5 to 2.5	Pass
					4.43	0.379	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.430	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.508	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.507	-0.0022	-2.5 to 2.5	Pass
				0	3.85	1.614	0.0024	-2.5 to 2.5	Pass
				10	3.85	2.614	0.0039	-2.5 to 2.5	Pass
				30	3.85	0.116	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.021	-0.0015	-2.5 to 2.5	Pass
				50	3.85	1.686	0.0025	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	2.567	0.0038	-2.5 to 2.5	Pass
					3.85	0.803	0.0012	-2.5 to 2.5	Pass
					4.43	2.406	0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.102	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.067	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-0.503	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.164	0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.606	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.606	-0.0009	-2.5 to 2.5	Pass
				40	3.85	1.116	0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.265	-0.0004	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-0.080	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.412	-0.0006	-2.5 to 2.5	Pass
					4.43	1.632	0.0024	-2.5 to 2.5	Pass
				-30	3.85	0.939	0.0014	-2.5 to 2.5	Pass
				-20	3.85	2.525	0.0037	-2.5 to 2.5	Pass
				-10	3.85	-0.475	-0.0007	-2.5 to 2.5	Pass
				0	3.85	2.258	0.0033	-2.5 to 2.5	Pass
				10	3.85	-0.620	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.673	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.997	-0.0029	-2.5 to 2.5	Pass
				50	3.85	2.155	0.0031	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	-1.910	-0.0028	-2.5 to 2.5	Pass

					3.85	-2.450	-0.0037	-2.5 to 2.5	Pass
					4.43	0.991	0.0015	-2.5 to 2.5	Pass
				-30	3.85	1.646	0.0025	-2.5 to 2.5	Pass
				-20	3.85	-0.967	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	2.087	0.0031	-2.5 to 2.5	Pass
				0	3.85	2.280	0.0034	-2.5 to 2.5	Pass
				10	3.85	-1.597	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-0.387	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.846	0.0013	-2.5 to 2.5	Pass
				50	3.85	1.361	0.0020	-2.5 to 2.5	Pass
	680.5	75	0		3.27	-1.108	-0.0016	-2.5 to 2.5	Pass
				20	3.85	0.368	0.0005	-2.5 to 2.5	Pass
					4.43	0.157	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.320	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	3.506	0.0052	-2.5 to 2.5	Pass
				-10	3.85	-0.284	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.897	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.041	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-0.012	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.071	0.0030	-2.5 to 2.5	Pass
	690.5	75	0		3.27	0.989	0.0014	-2.5 to 2.5	Pass
				20	3.85	0.841	0.0012	-2.5 to 2.5	Pass
					4.43	-1.967	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	1.074	0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.908	0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.016	0.0029	-2.5 to 2.5	Pass
				0	3.85	1.455	0.0021	-2.5 to 2.5	Pass
				10	3.85	0.602	0.0009	-2.5 to 2.5	Pass
				30	3.85	0.857	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.863	0.0012	-2.5 to 2.5	Pass
				50	3.85	0.653	0.0009	-2.5 to 2.5	Pass

2.1.4 B71_20MHz

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	-3.942	-0.0059	-2.5 to 2.5	Pass
					3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
					4.43	0.512	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.547	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.097	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-0.749	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.547	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.427	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-4.756	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-4.861	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-3.592	-0.0053	-2.5 to 2.5	Pass
	683	100	0	20	3.27	1.150	0.0017	-2.5 to 2.5	Pass
					3.85	3.859	0.0057	-2.5 to 2.5	Pass
					4.43	-1.214	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.117	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.409	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.302	0.0034	-2.5 to 2.5	Pass

				0	3.85	-0.712	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.714	-0.0025	-2.5 to 2.5	Pass
				30	3.85	3.335	0.0049	-2.5 to 2.5	Pass
				40	3.85	2.163	0.0032	-2.5 to 2.5	Pass
				50	3.85	2.860	0.0042	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-0.867	-0.0013	-2.5 to 2.5	Pass
					3.85	0.602	0.0009	-2.5 to 2.5	Pass
					4.43	-2.069	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.241	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-3.849	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	0.294	0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.089	-0.0016	-2.5 to 2.5	Pass
				10	3.85	1.126	0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.390	-0.0006	-2.5 to 2.5	Pass
				40	3.85	2.331	0.0034	-2.5 to 2.5	Pass
				50	3.85	-1.028	-0.0015	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-0.771	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.157	-0.0062	-2.5 to 2.5	Pass
					4.43	-4.428	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-3.126	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-1.953	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-0.712	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.908	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-4.910	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-0.195	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.816	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-4.861	-0.0072	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-1.172	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.953	-0.0029	-2.5 to 2.5	Pass
					4.43	-0.021	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.306	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.666	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-1.208	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.274	-0.0019	-2.5 to 2.5	Pass
				10	3.85	0.573	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.763	-0.0011	-2.5 to 2.5	Pass
				40	3.85	2.680	0.0039	-2.5 to 2.5	Pass
				50	3.85	0.151	0.0002	-2.5 to 2.5	Pass
	688	100	0	20	3.27	2.637	0.0038	-2.5 to 2.5	Pass
					3.85	-2.310	-0.0034	-2.5 to 2.5	Pass
					4.43	-0.598	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.222	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.207	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.409	-0.0006	-2.5 to 2.5	Pass
				0	3.85	2.922	0.0042	-2.5 to 2.5	Pass
				10	3.85	-2.380	-0.0035	-2.5 to 2.5	Pass
				30	3.85	1.091	0.0016	-2.5 to 2.5	Pass
				40	3.85	-0.904	-0.0013	-2.5 to 2.5	Pass
				50	3.85	1.132	0.0016	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

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	4.529	/	Pass
		680.5	25	0	4.535	/	Pass
		695.5	25	0	4.550	/	Pass
	16QAM	665.5	25	0	4.554	/	Pass
		680.5	25	0	4.555	/	Pass
		695.5	25	0	4.539	/	Pass
10	QPSK	668	50	0	9.036	/	Pass
		680.5	50	0	9.059	/	Pass
		693	50	0	9.051	/	Pass
	16QAM	668	50	0	9.046	/	Pass
		680.5	50	0	9.022	/	Pass
		693	50	0	9.047	/	Pass
15	QPSK	670.5	75	0	13.607	/	Pass
		680.5	75	0	13.481	/	Pass
		690.5	75	0	13.572	/	Pass
	16QAM	670.5	75	0	13.579	/	Pass
		680.5	75	0	13.524	/	Pass
		690.5	75	0	13.575	/	Pass
20	QPSK	673	100	0	18.105	/	Pass
		683	100	0	17.969	/	Pass
		688	100	0	18.130	/	Pass
	16QAM	673	100	0	18.024	/	Pass
		683	100	0	18.013	/	Pass
		688	100	0	18.106	/	Pass

3.1.2 Band71_XDB

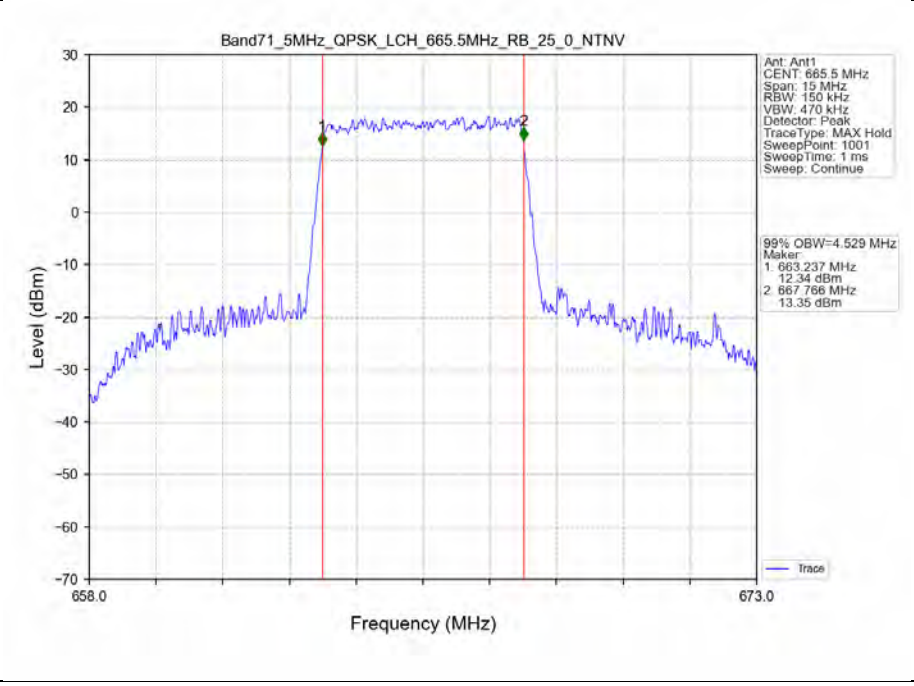
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.042	/	Pass
		680.5	25	0	5.041	/	Pass
		695.5	25	0	5.066	/	Pass
	16QAM	665.5	25	0	5.070	/	Pass
		680.5	25	0	5.036	/	Pass
		695.5	25	0	5.023	/	Pass
10	QPSK	668	50	0	10.020	/	Pass
		680.5	50	0	9.910	/	Pass
		693	50	0	9.976	/	Pass
	16QAM	668	50	0	9.937	/	Pass
		680.5	50	0	9.929	/	Pass
		693	50	0	9.896	/	Pass
15	QPSK	670.5	75	0	14.856	/	Pass
		680.5	75	0	14.808	/	Pass
		690.5	75	0	15.077	/	Pass
	16QAM	670.5	75	0	14.916	/	Pass
		680.5	75	0	14.888	/	Pass
		690.5	75	0	14.924	/	Pass
20	QPSK	673	100	0	19.714	/	Pass
		683	100	0	19.652	/	Pass

		688	100	0	19.775	/	Pass
	16QAM	673	100	0	19.678	/	Pass
		683	100	0	19.578	/	Pass
		688	100	0	19.799	/	Pass

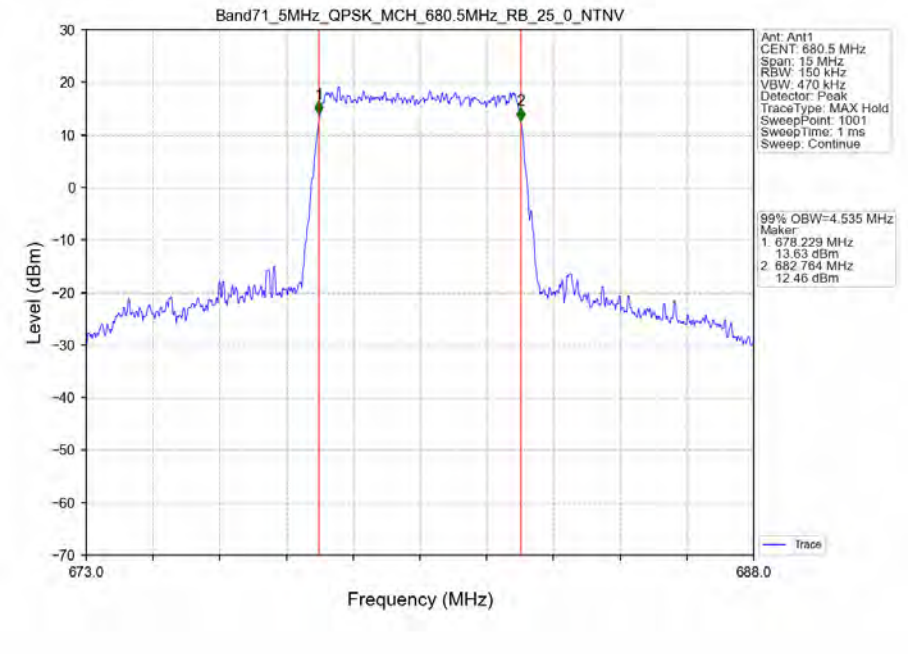
3.2 Test Graph

3.2.1 Band71_OBW

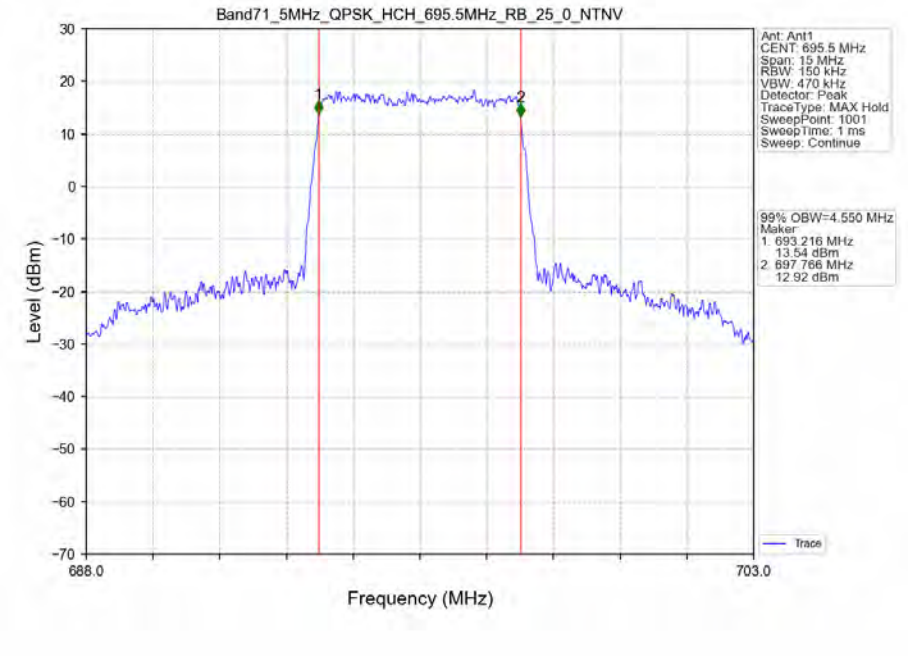
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



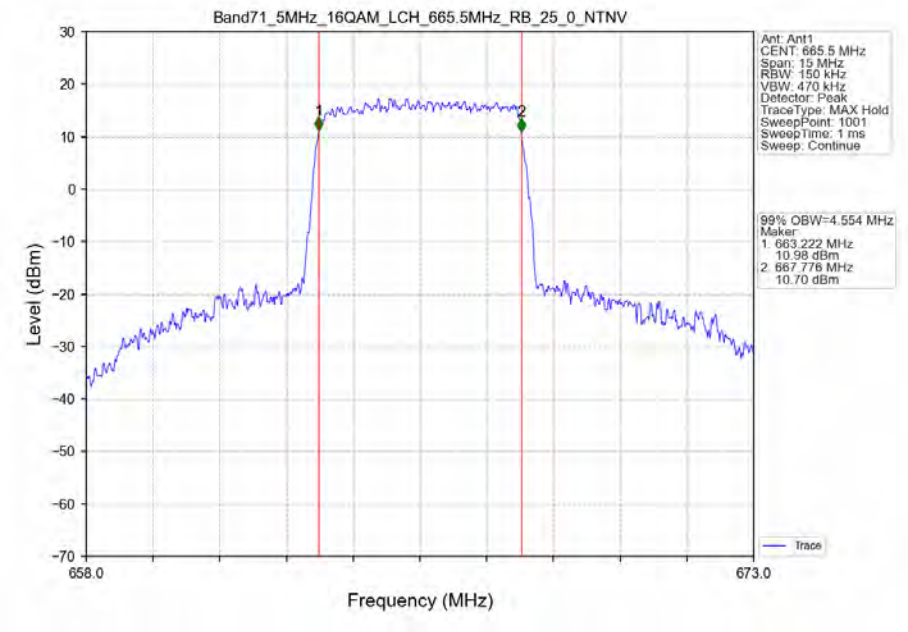
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



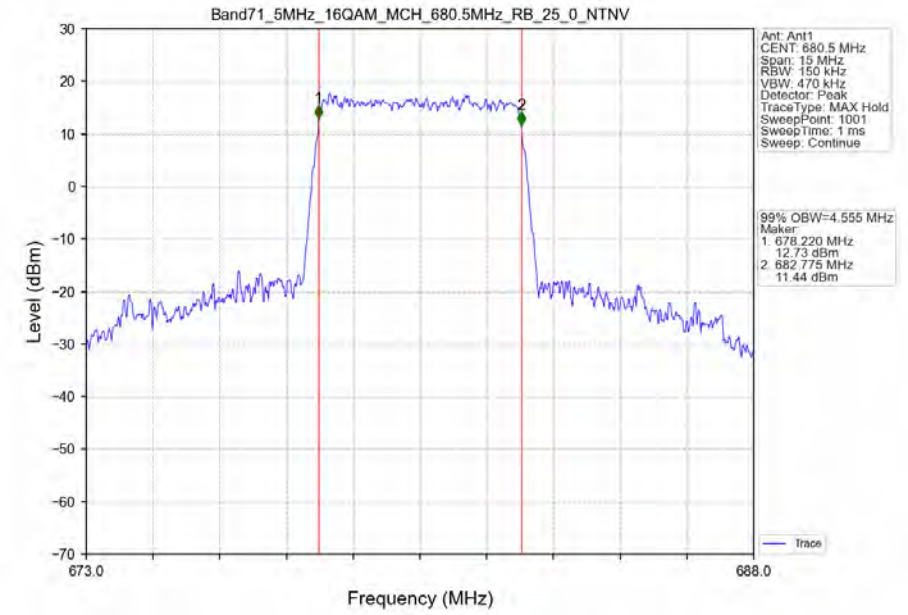
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



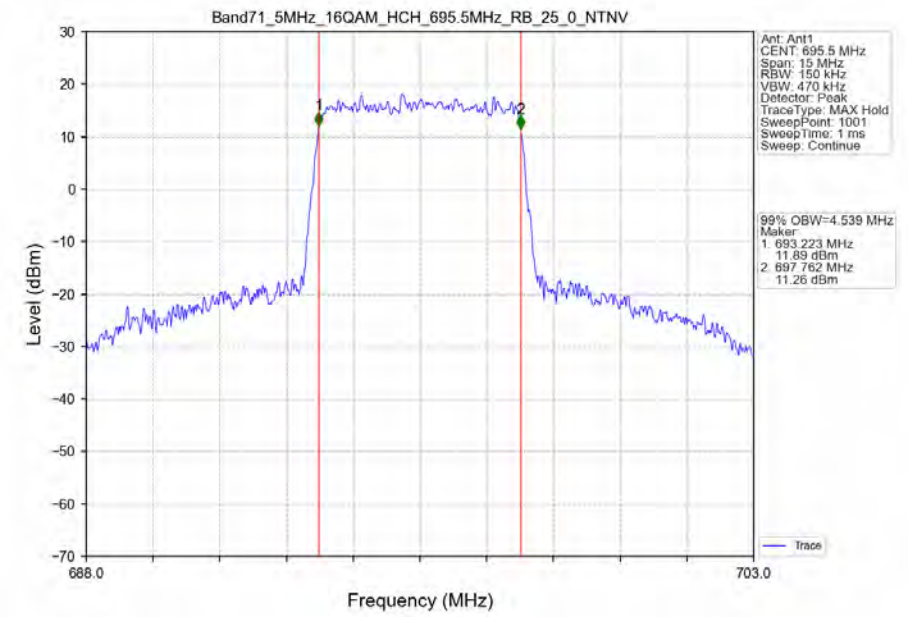
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



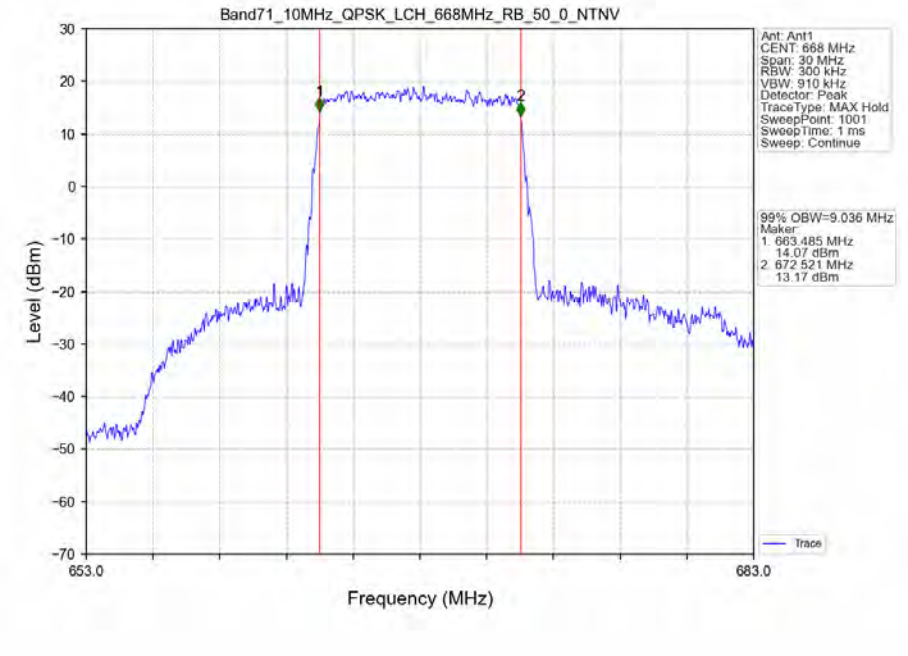
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



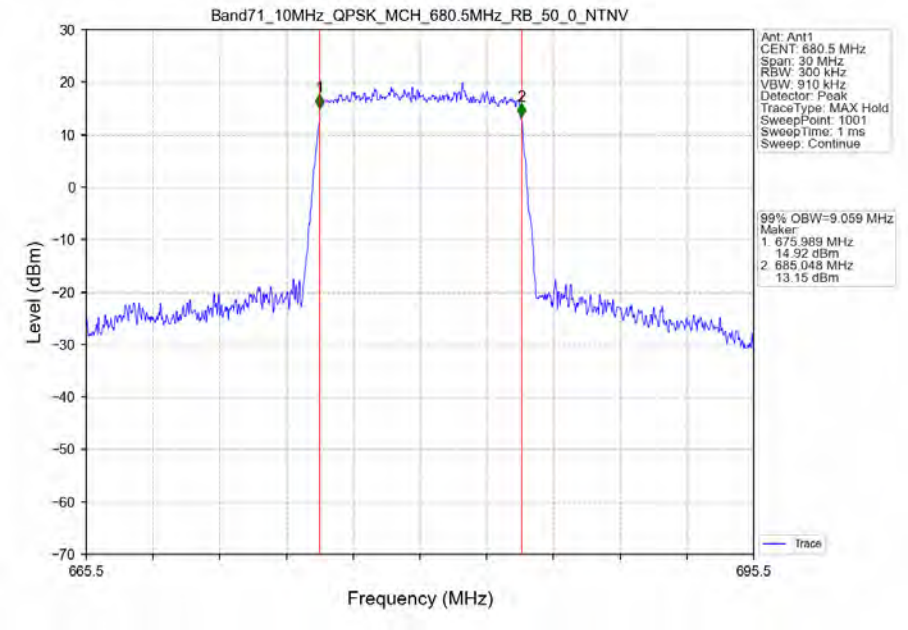
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



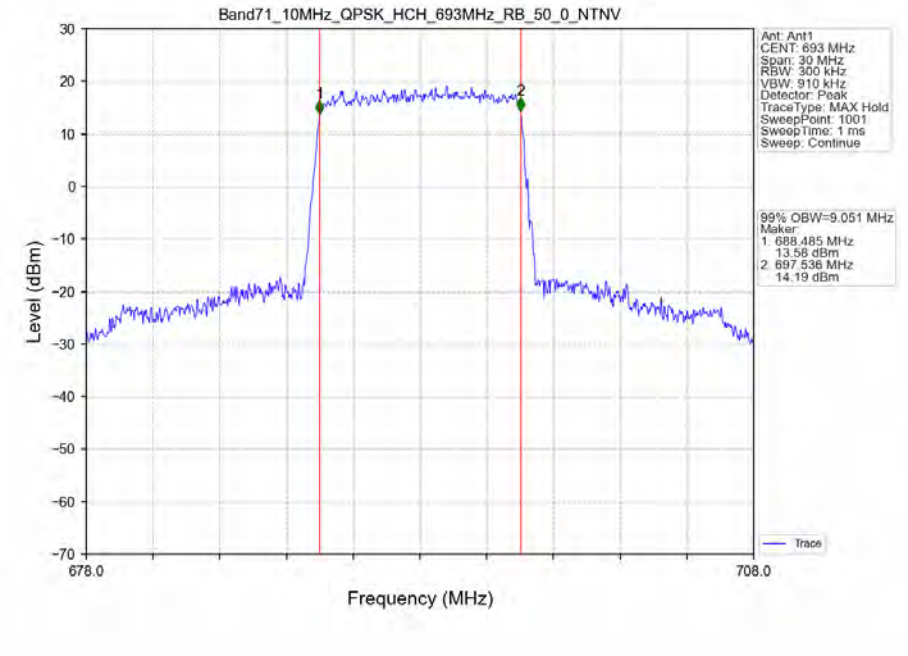
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



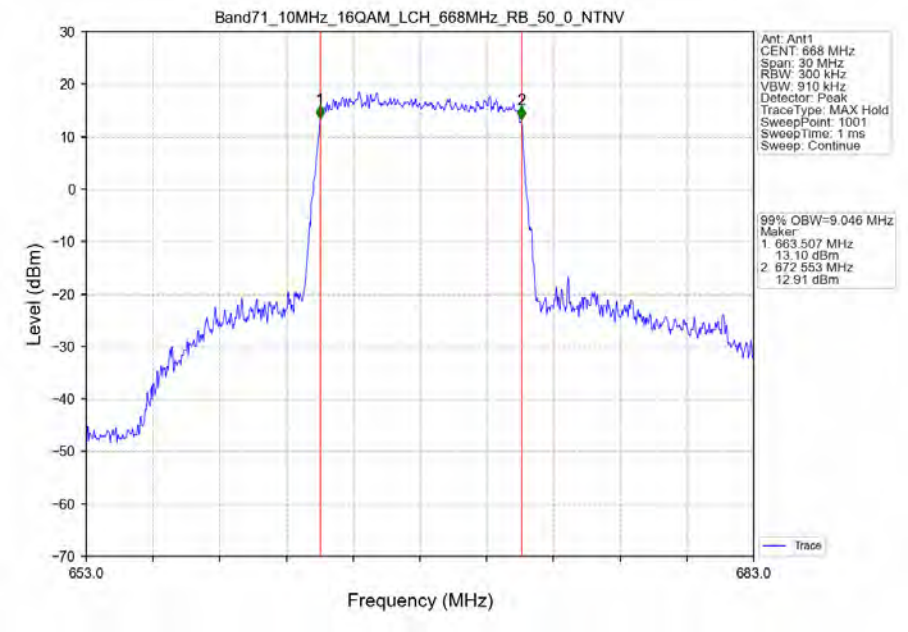
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



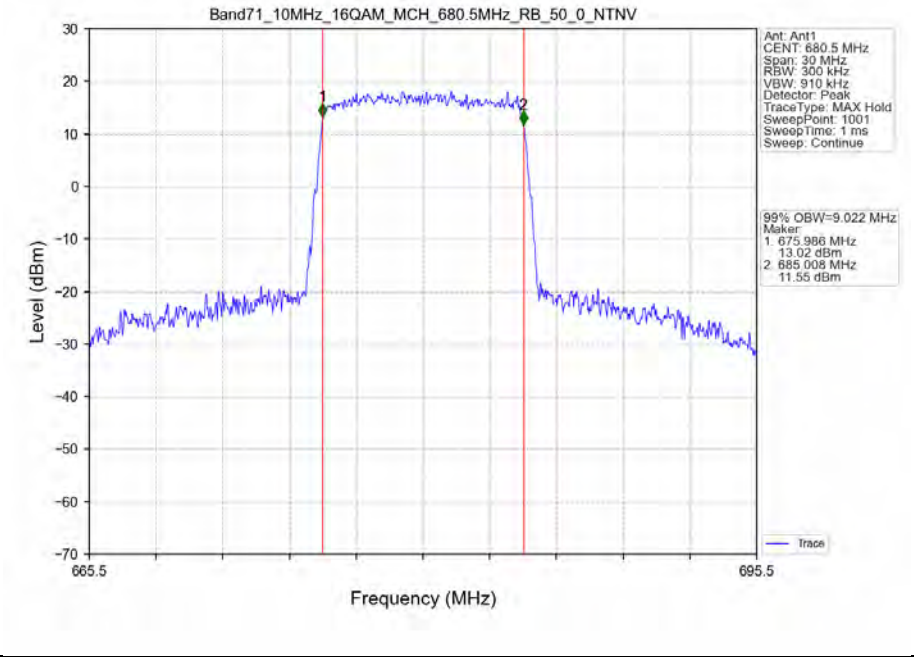
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



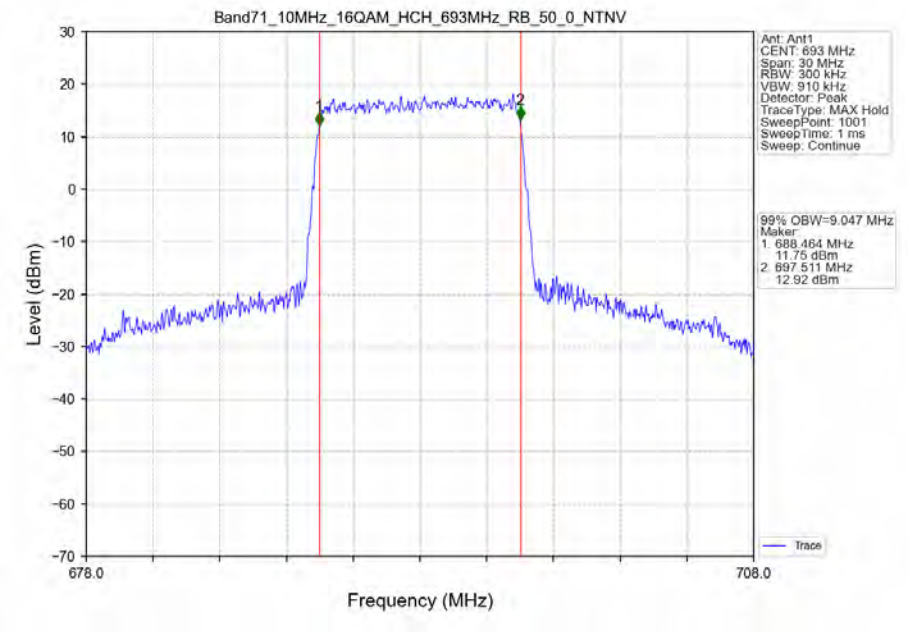
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



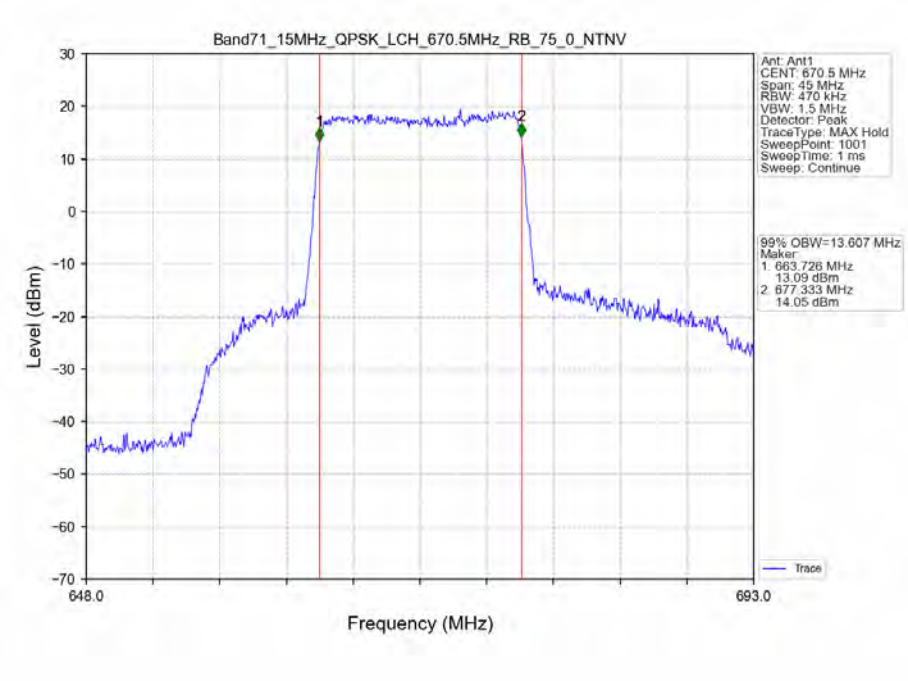
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



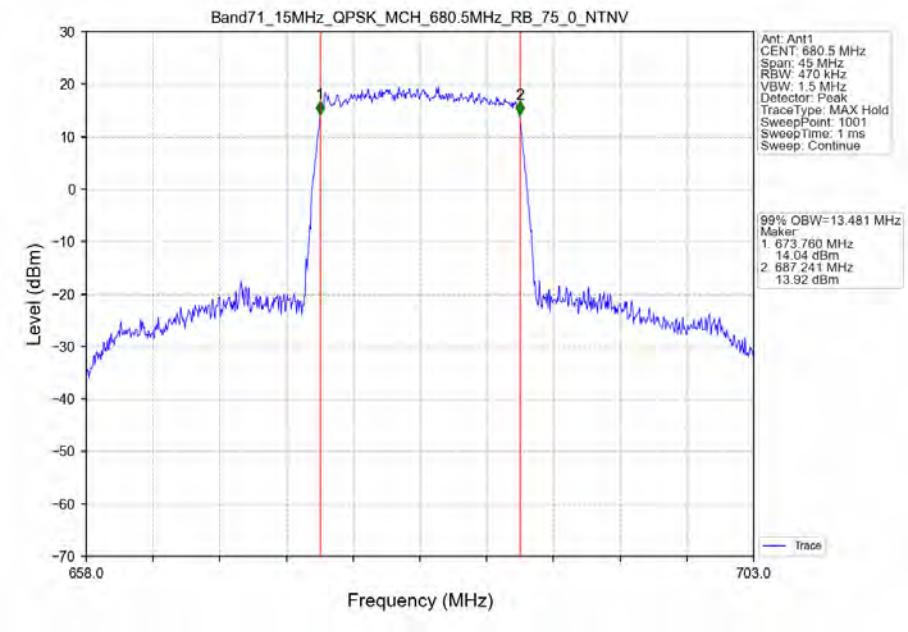
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



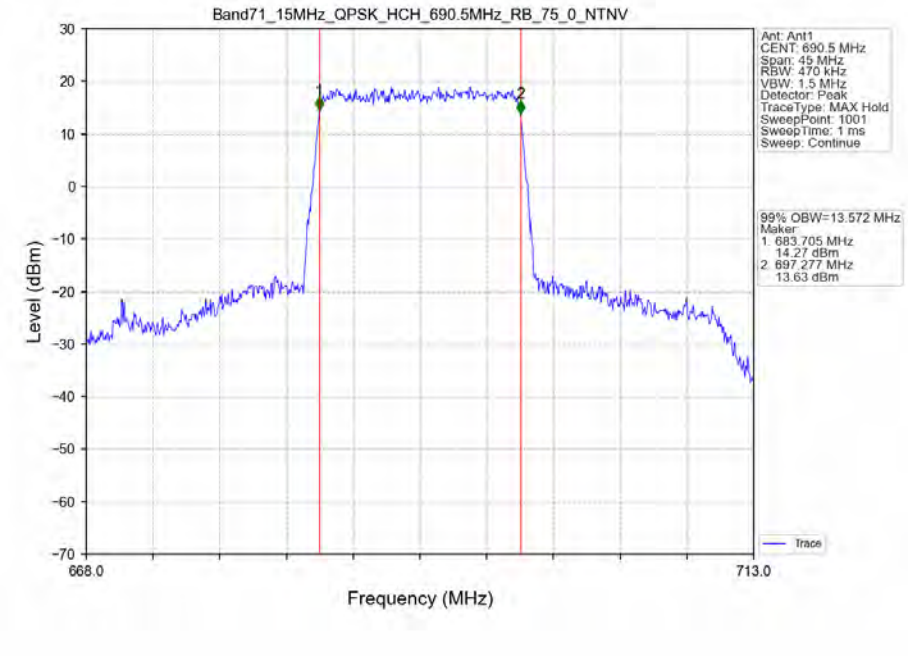
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



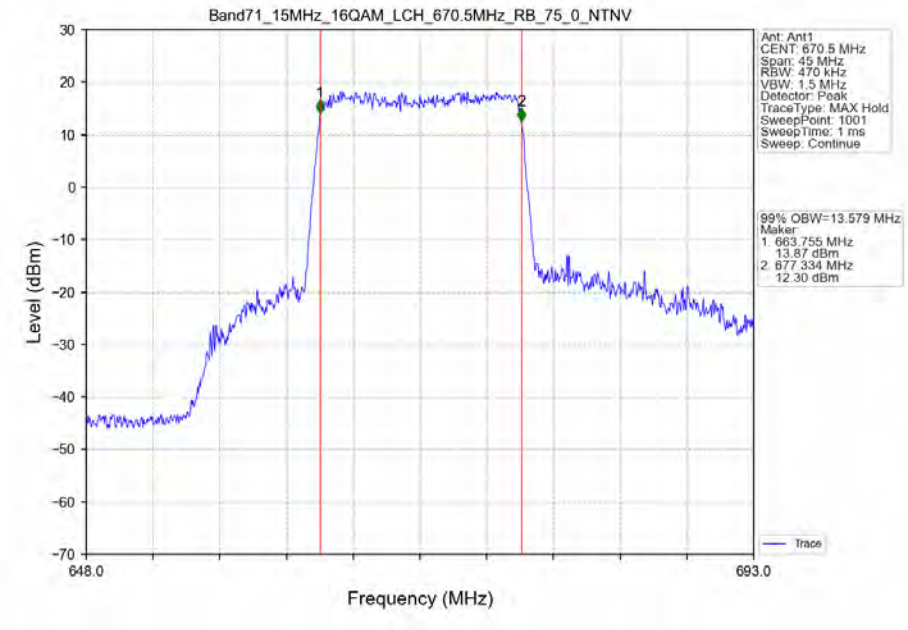
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



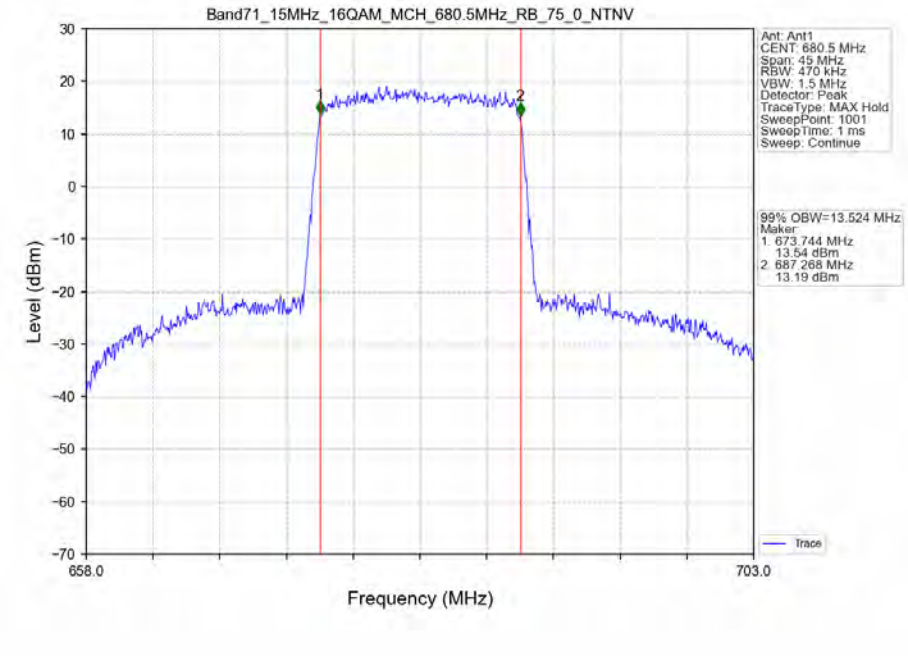
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



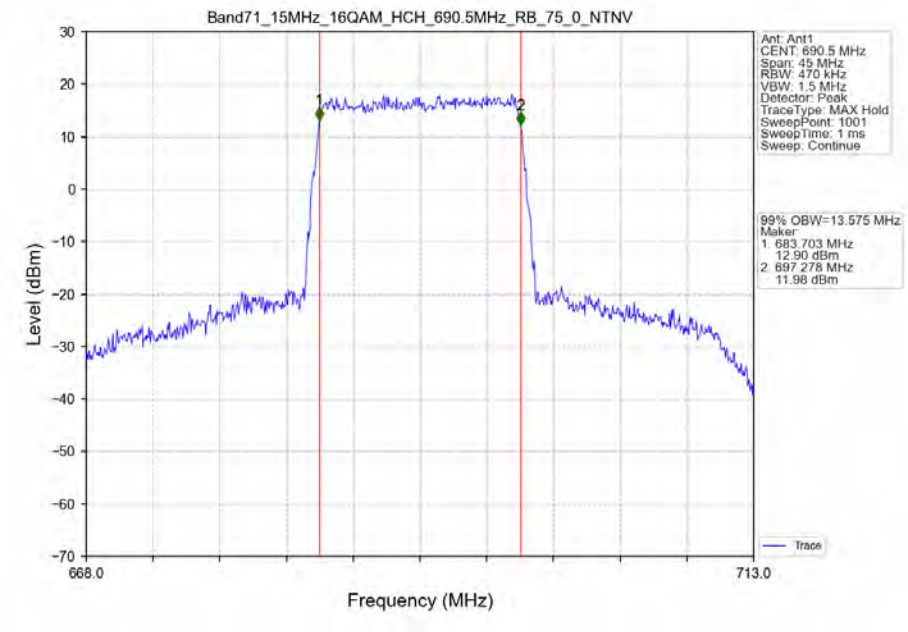
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



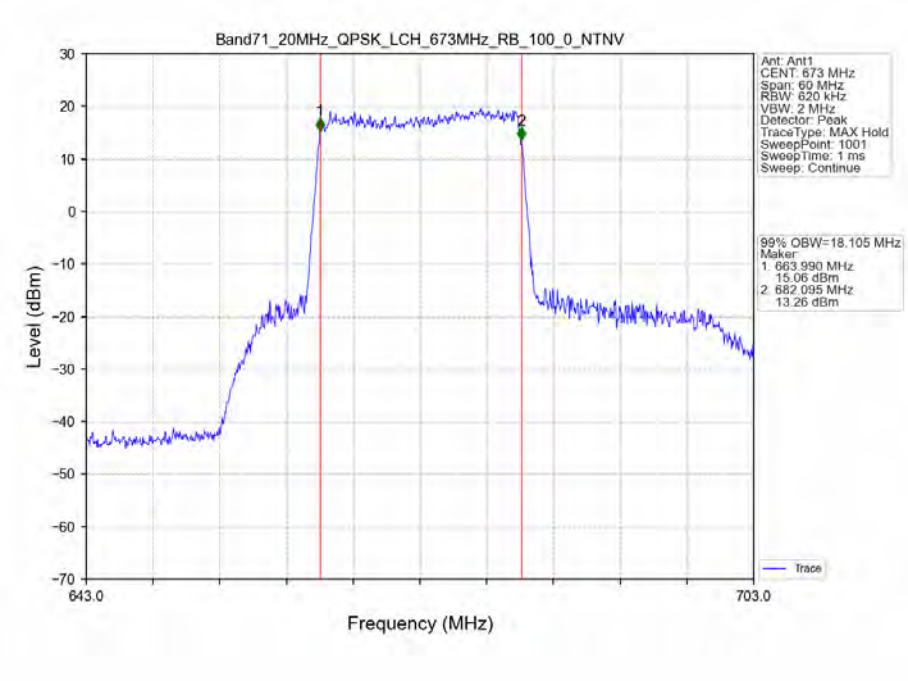
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



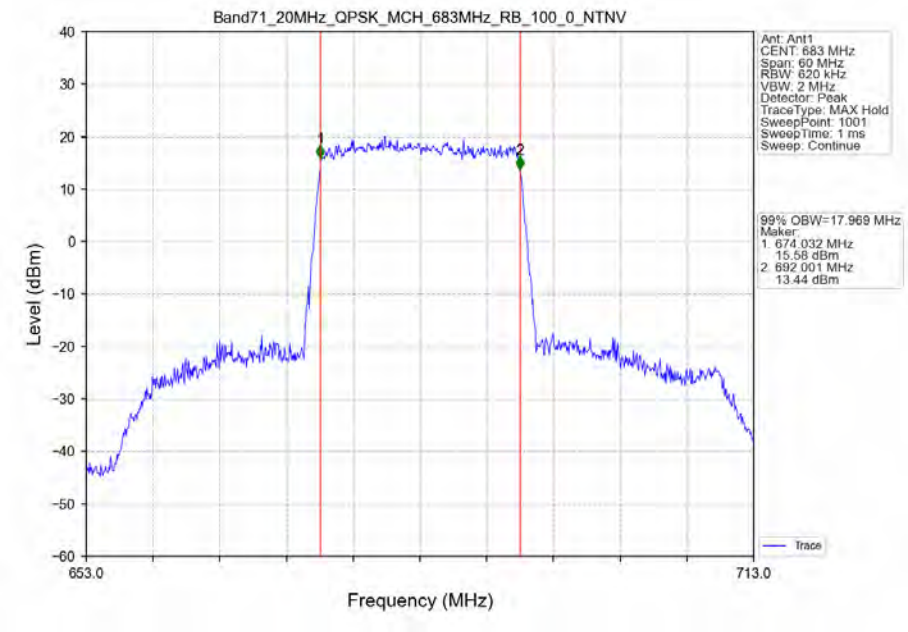
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



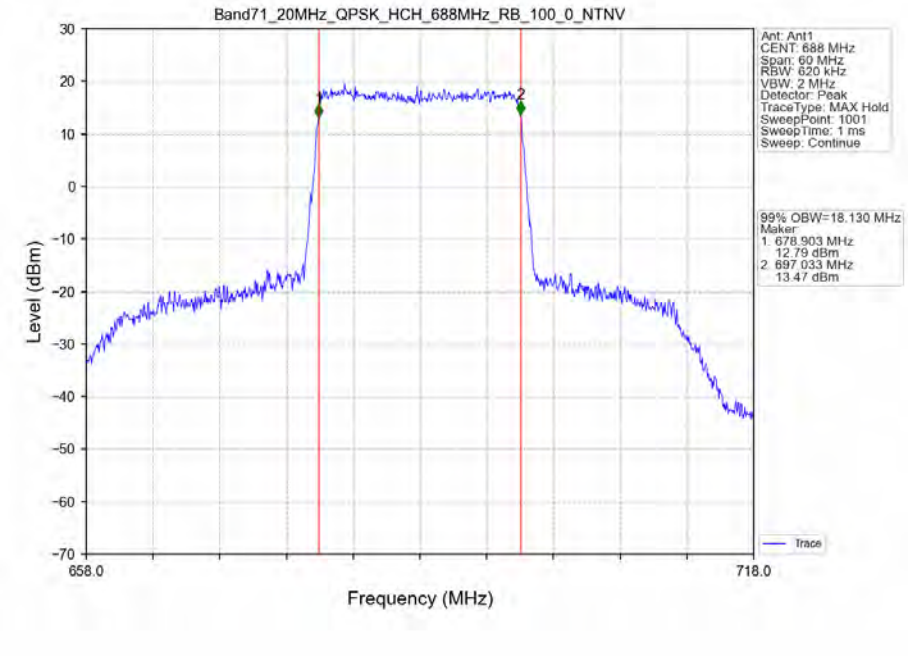
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



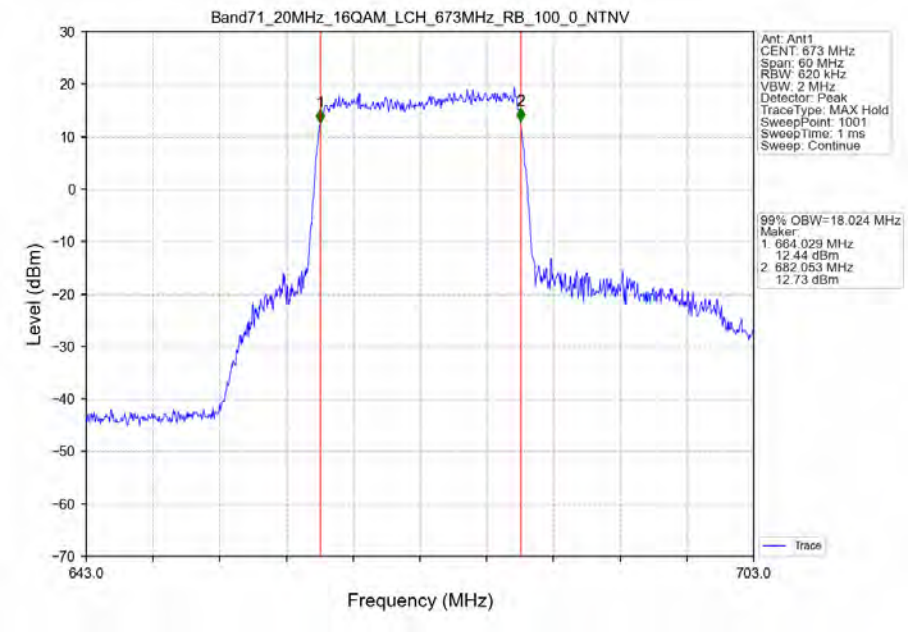
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



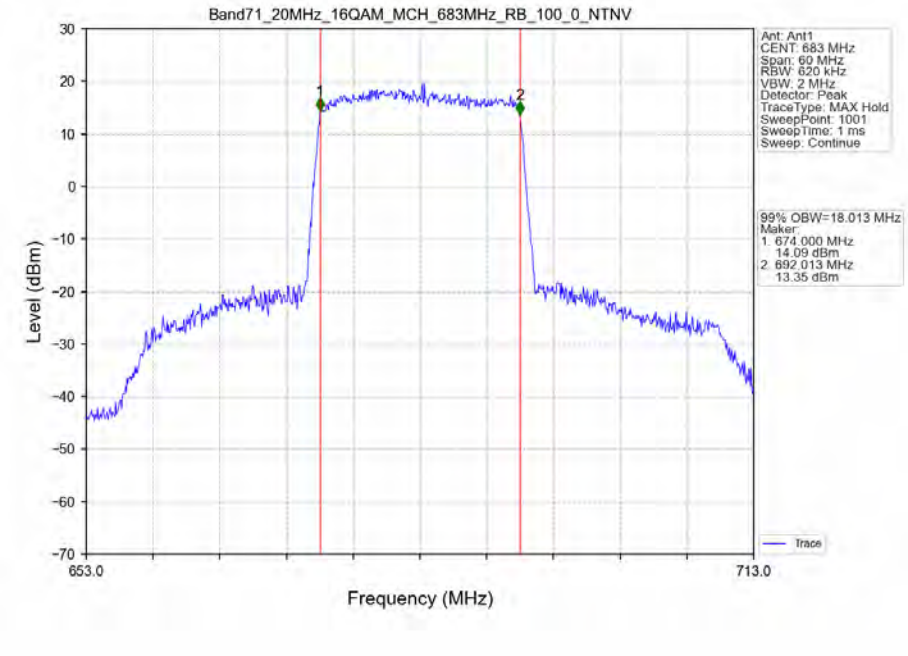
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



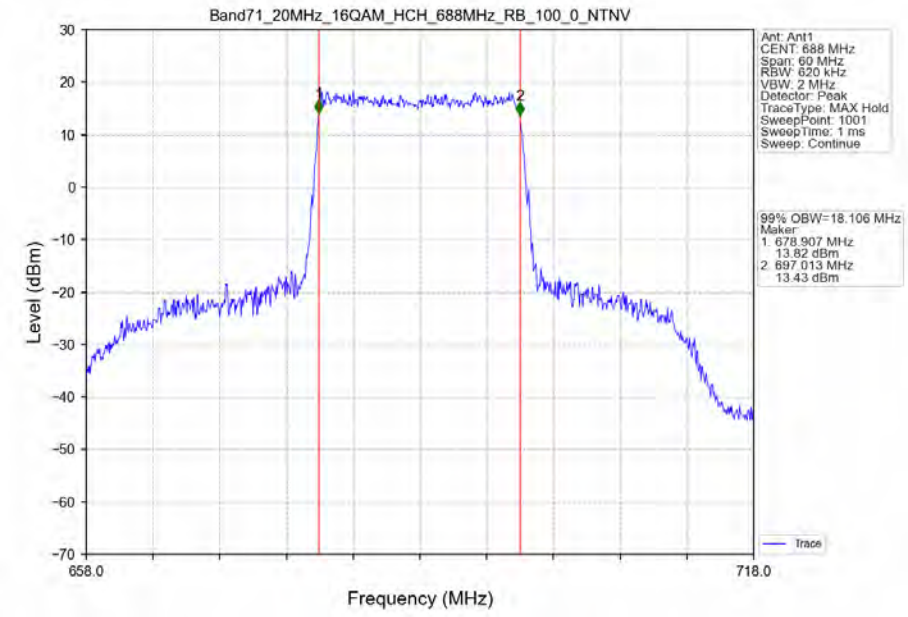
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV

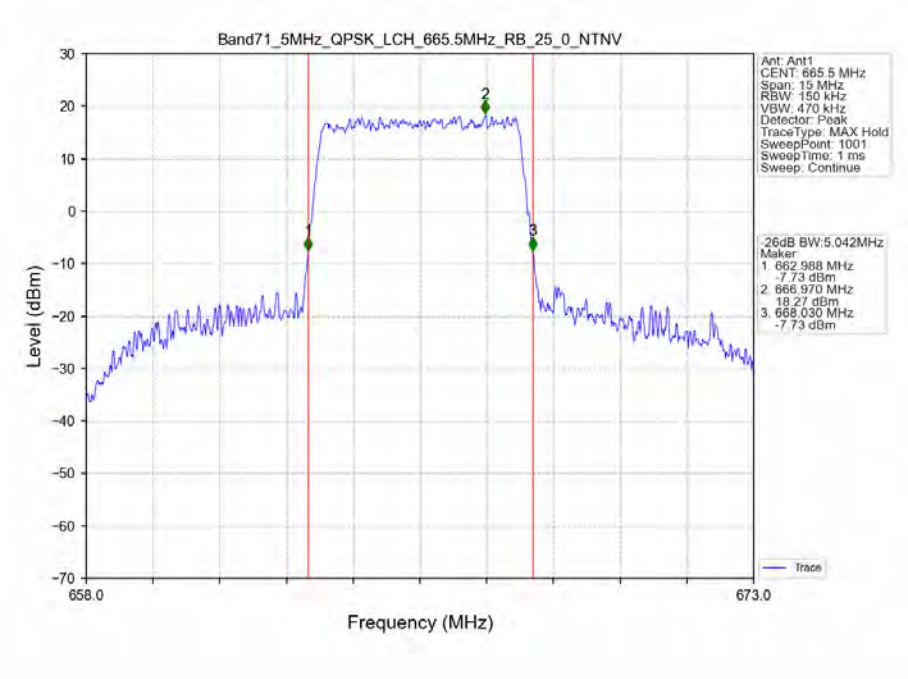


Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV

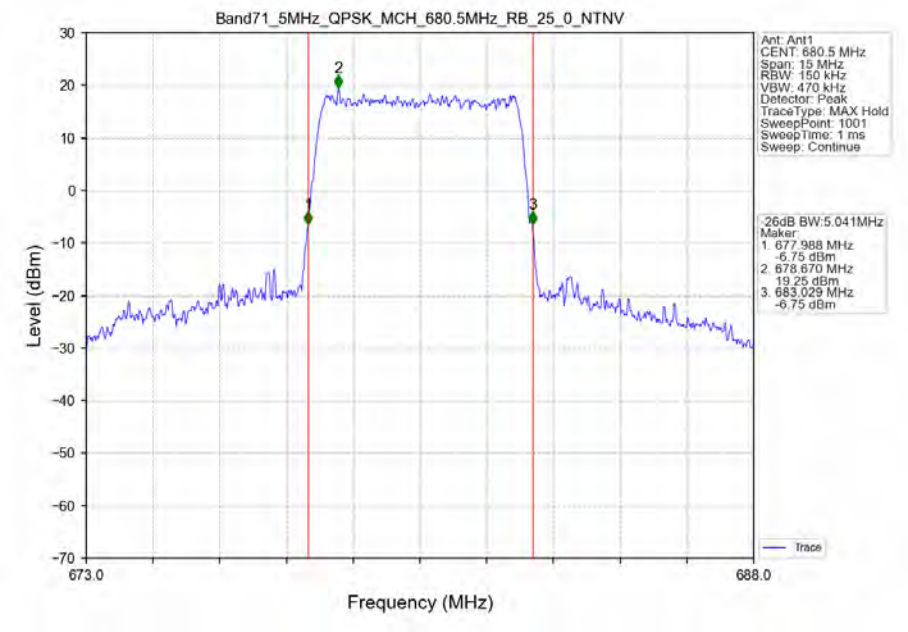


3.2.2 Band71_XDB

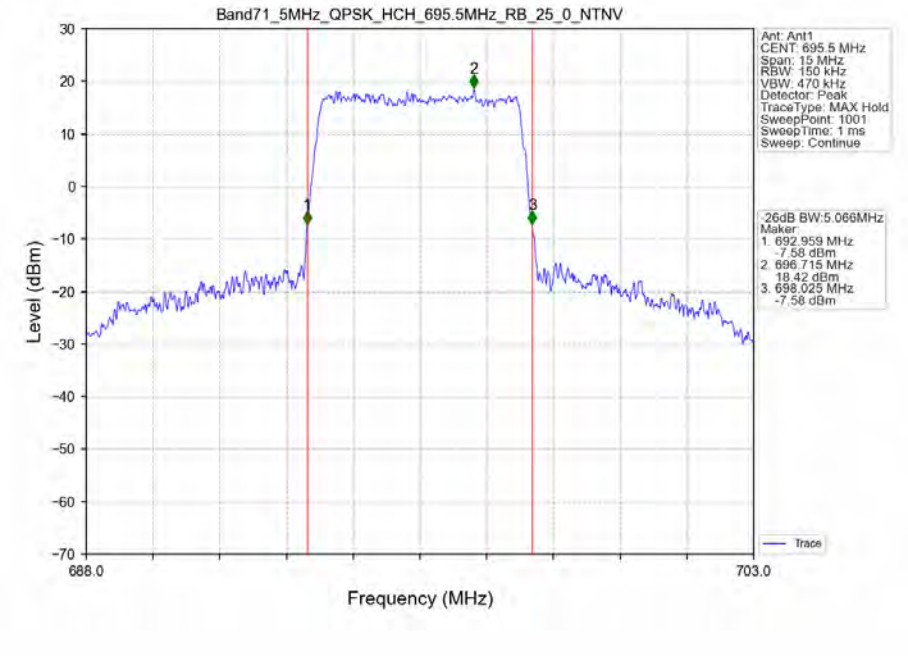
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



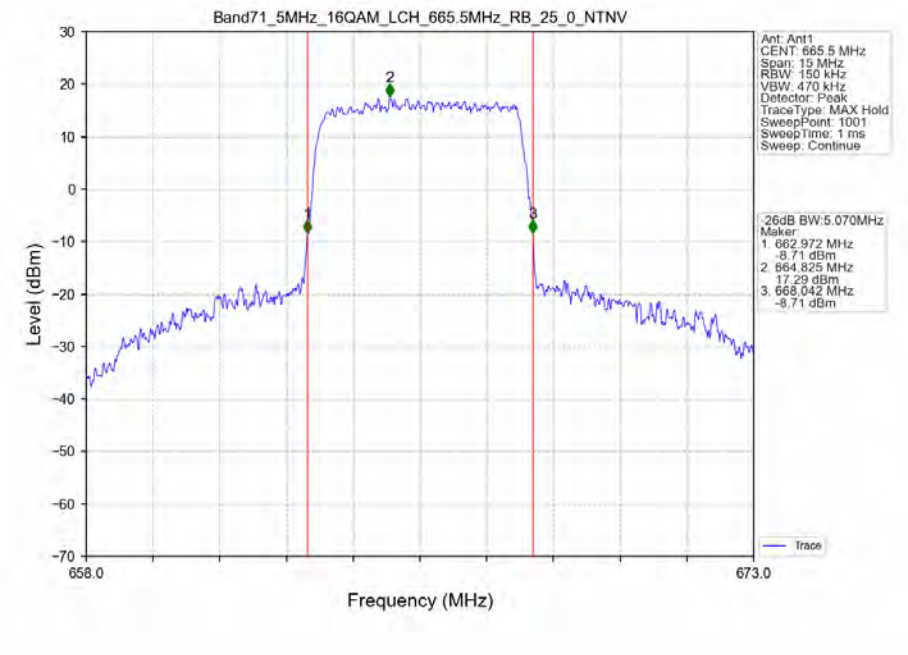
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



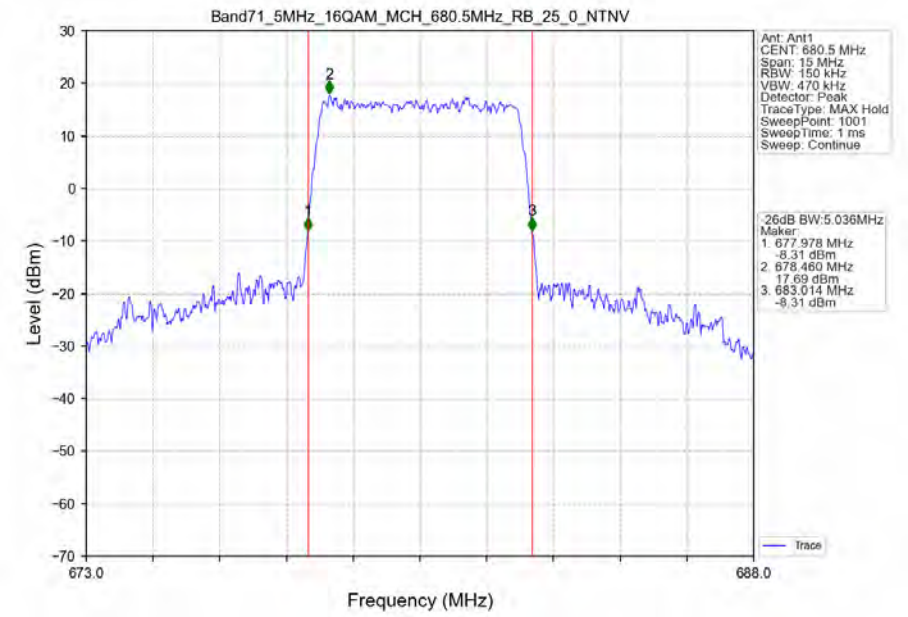
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



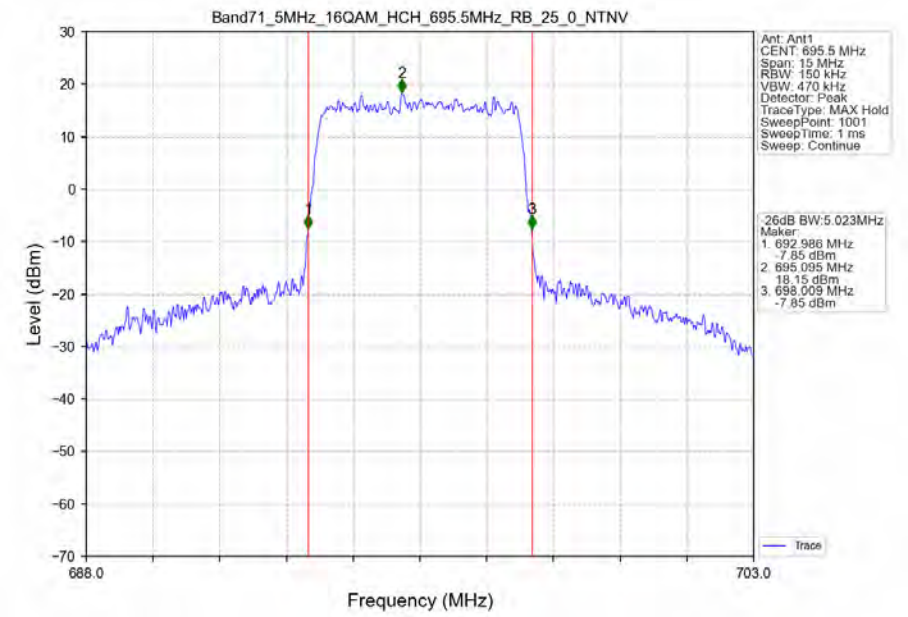
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



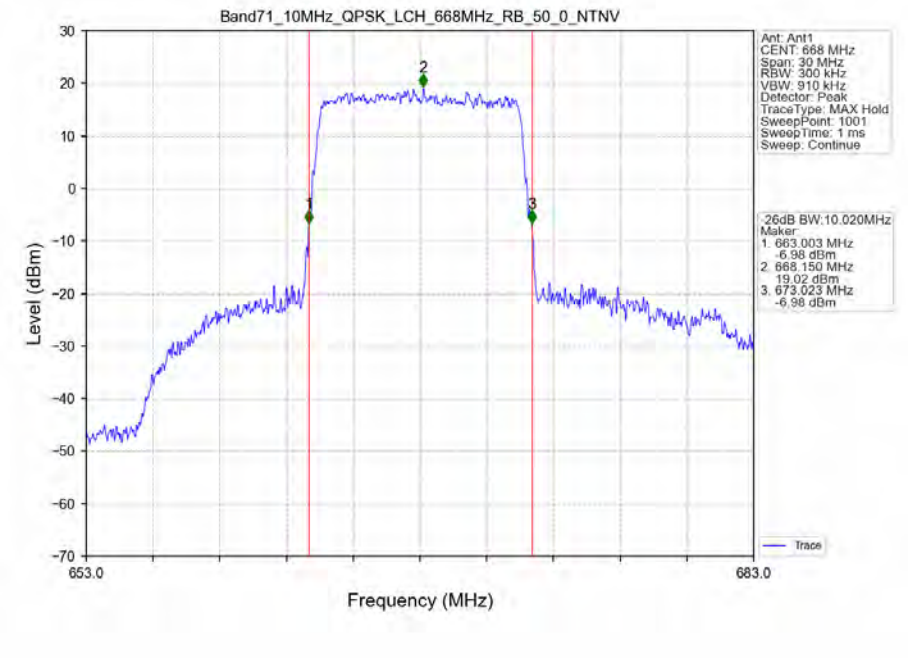
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



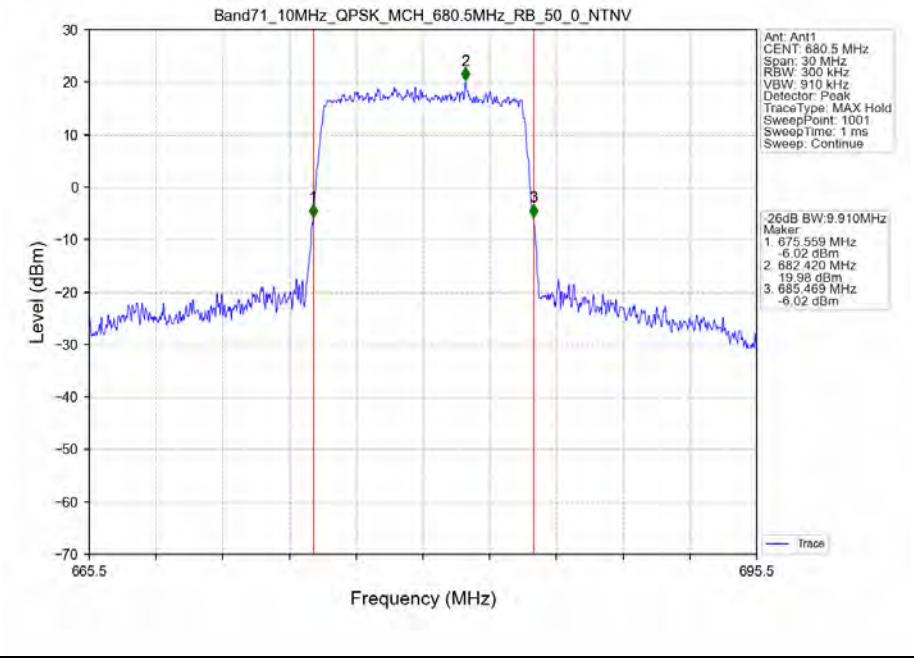
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



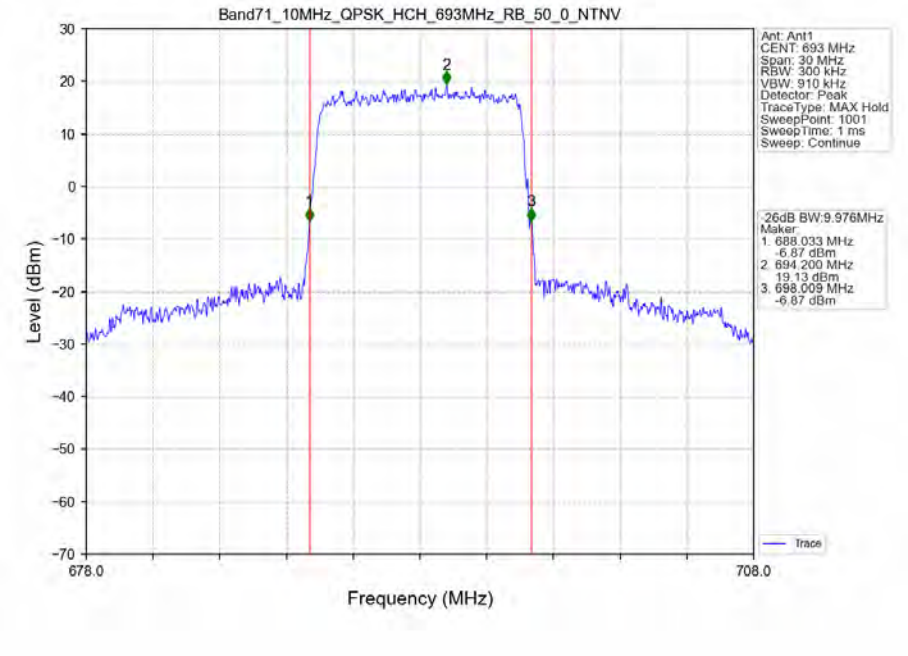
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



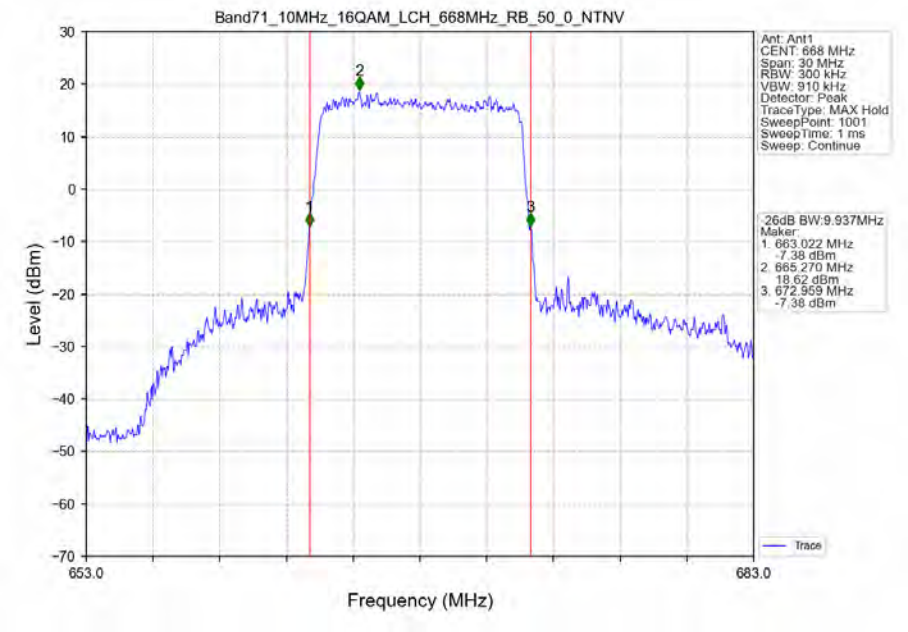
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



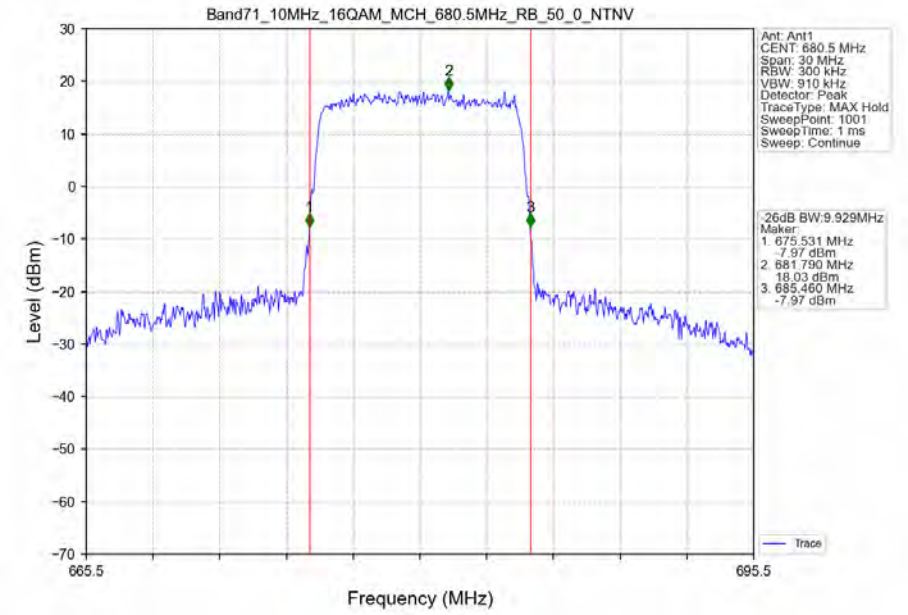
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



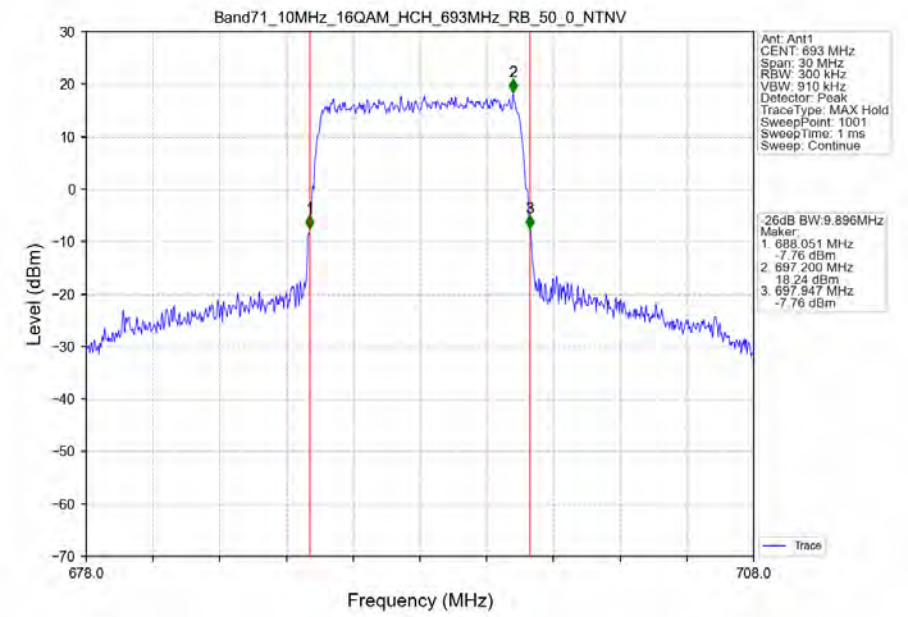
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV

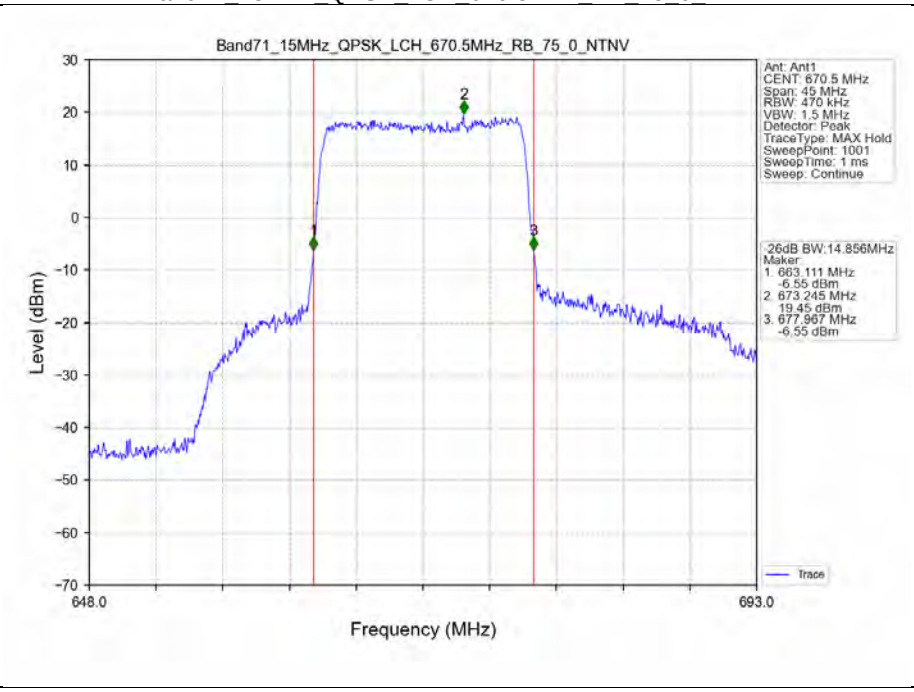


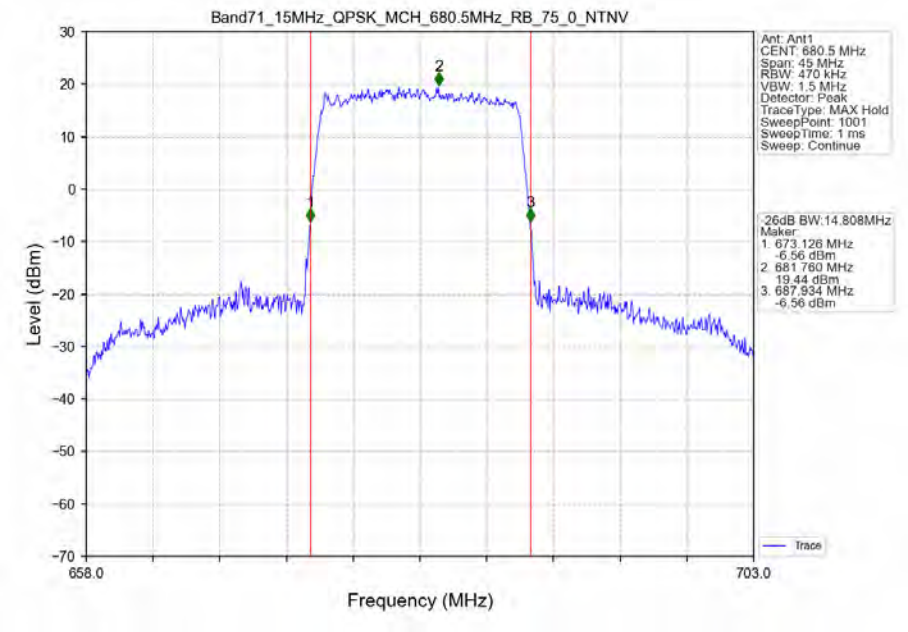
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



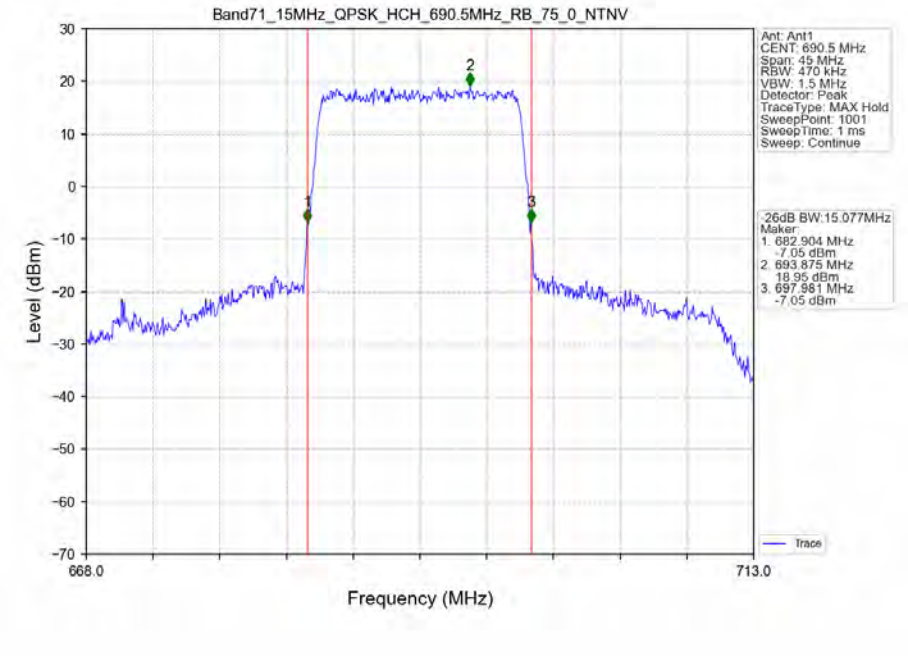
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



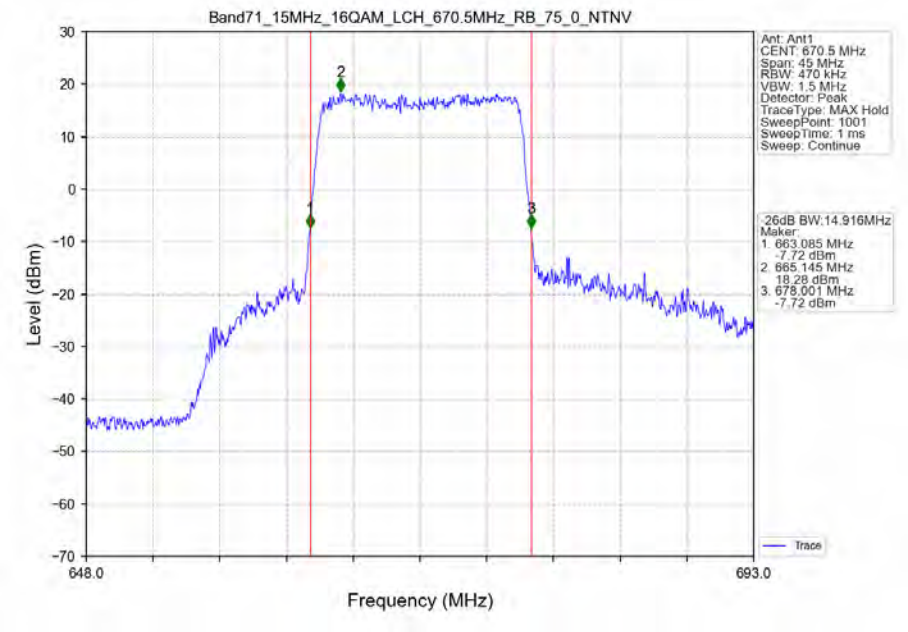
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV


Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV


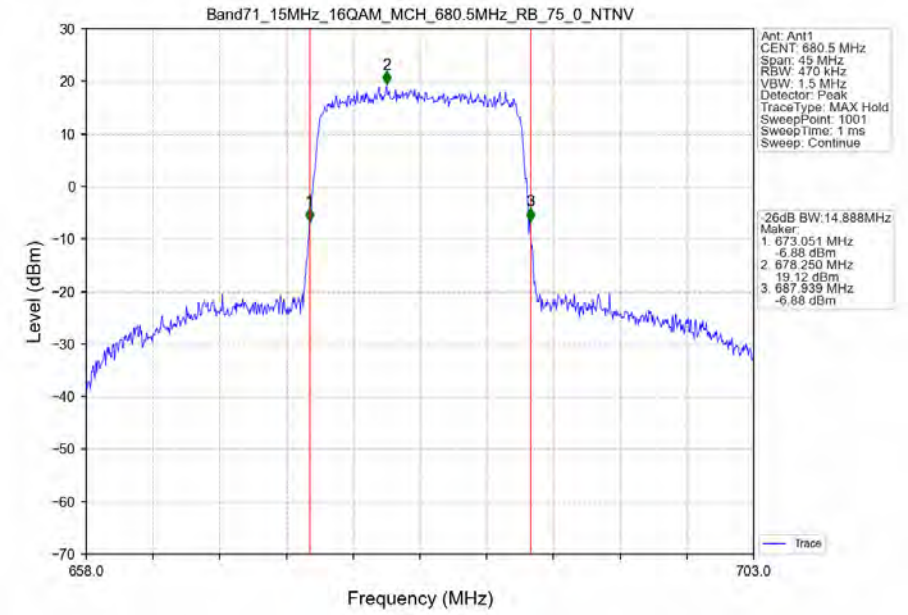
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



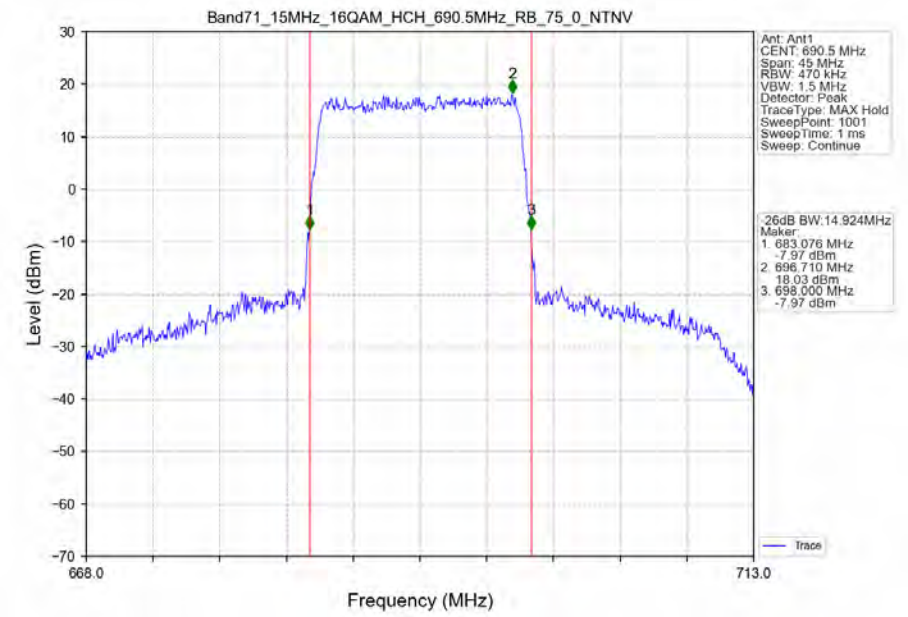
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



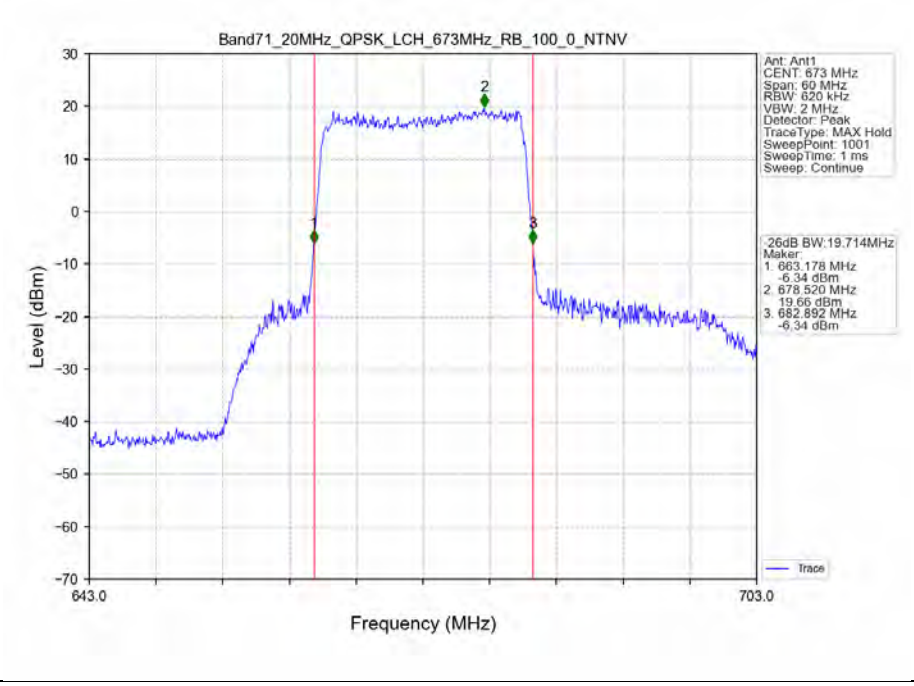
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



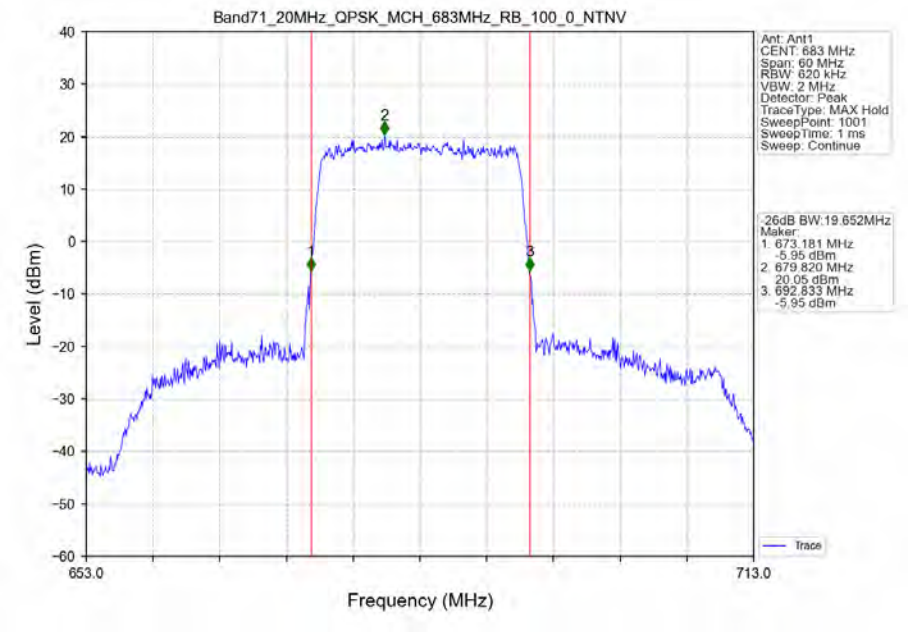
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



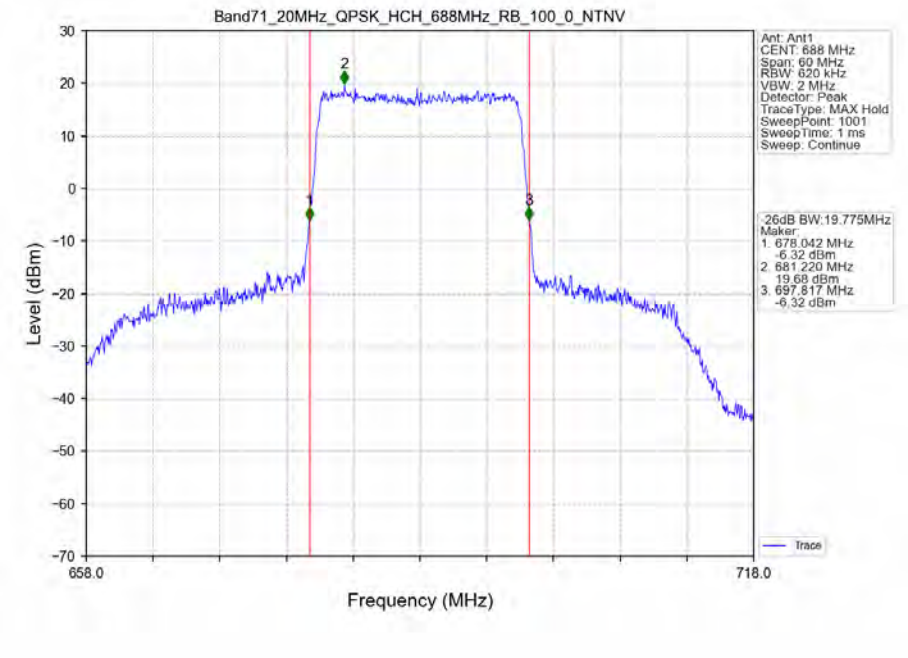
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



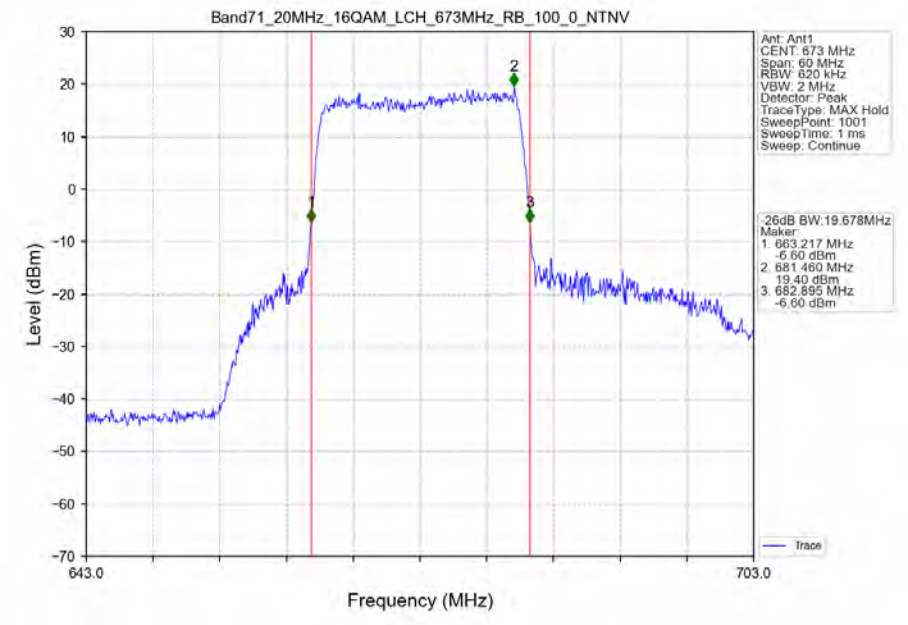
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



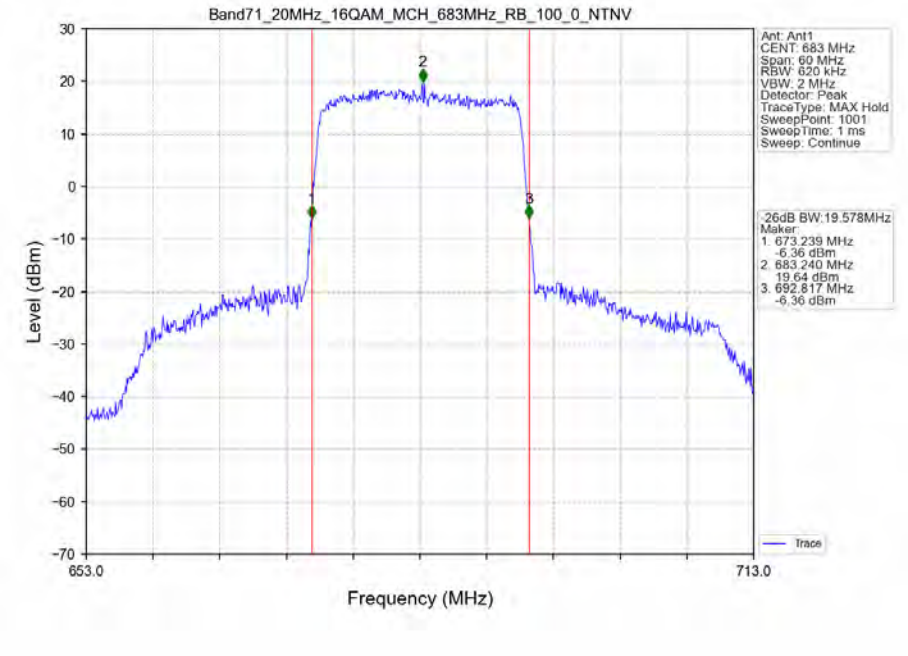
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



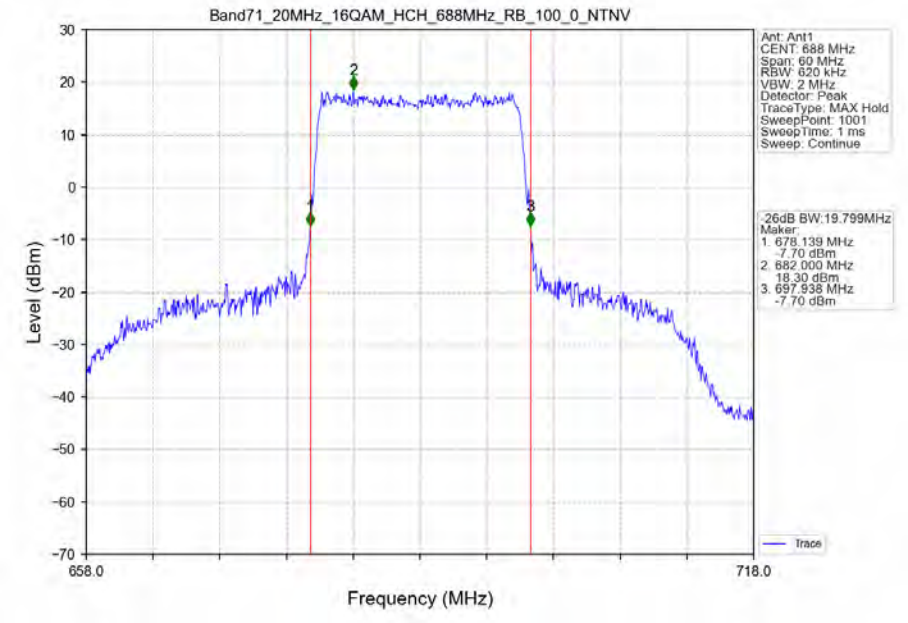
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	4.99	<=13	Pass
	680.5	25	0	5.19	<=13	Pass
	695.5	25	0	5.01	<=13	Pass
16QAM	665.5	25	0	5.79	<=13	Pass
	680.5	25	0	5.97	<=13	Pass
	695.5	25	0	5.78	<=13	Pass

4.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.20	<=13	Pass
	680.5	50	0	5.17	<=13	Pass
	693	50	0	5.15	<=13	Pass
16QAM	668	50	0	6.04	<=13	Pass
	680.5	50	0	6.01	<=13	Pass
	693	50	0	5.95	<=13	Pass

4.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.34	<=13	Pass
	680.5	75	0	5.28	<=13	Pass
	690.5	75	0	5.38	<=13	Pass
16QAM	670.5	75	0	6.08	<=13	Pass
	680.5	75	0	6.03	<=13	Pass
	690.5	75	0	6.12	<=13	Pass

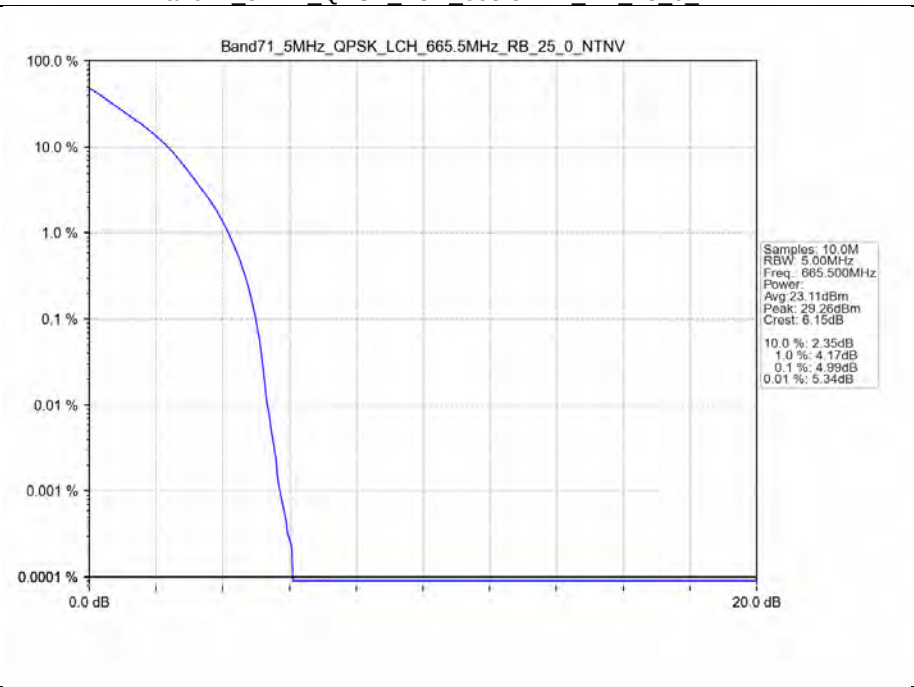
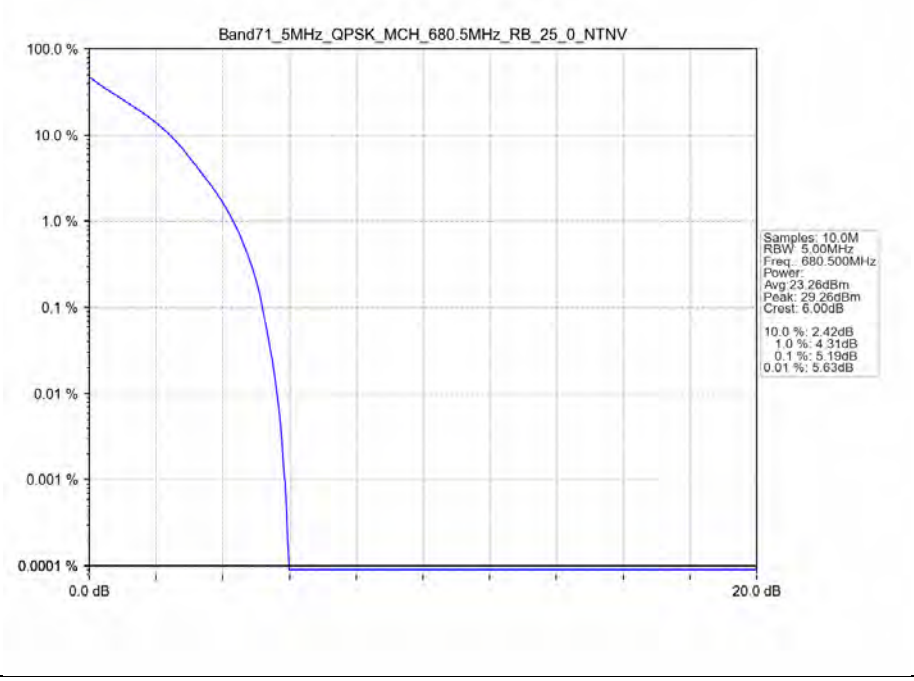
4.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.24	<=13	Pass
	683	100	0	5.14	<=13	Pass
	688	100	0	5.24	<=13	Pass

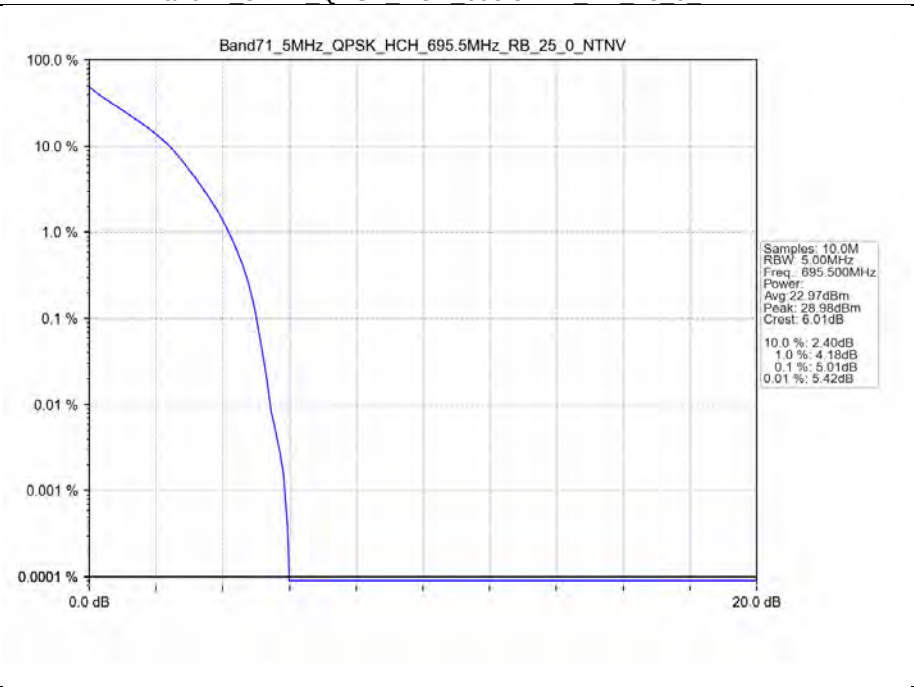
16QAM	673	100	0	6.05	<=13	Pass
	683	100	0	6.01	<=13	Pass
	688	100	0	6.07	<=13	Pass

4.2 Test Graph

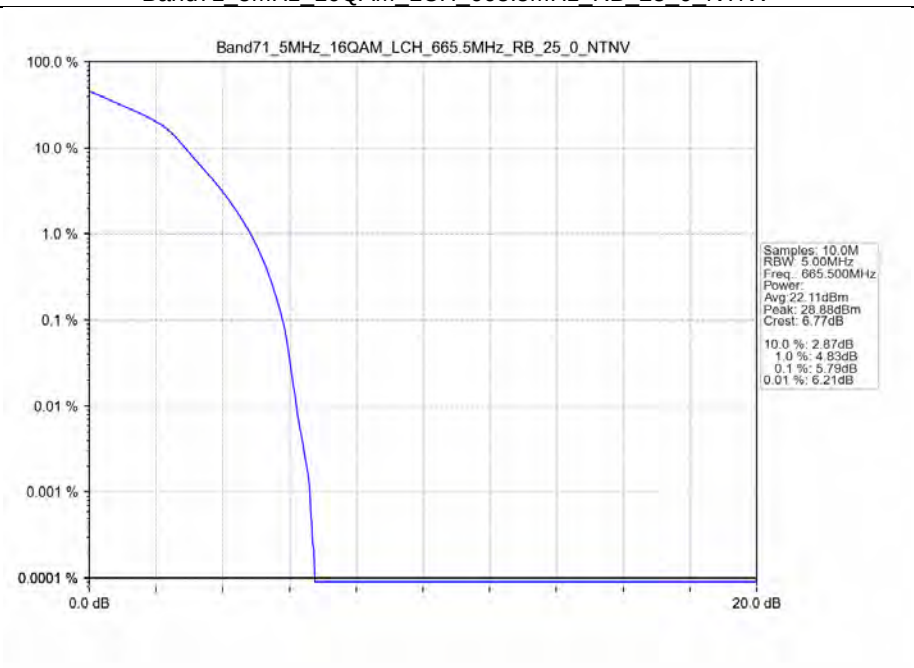
4.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV


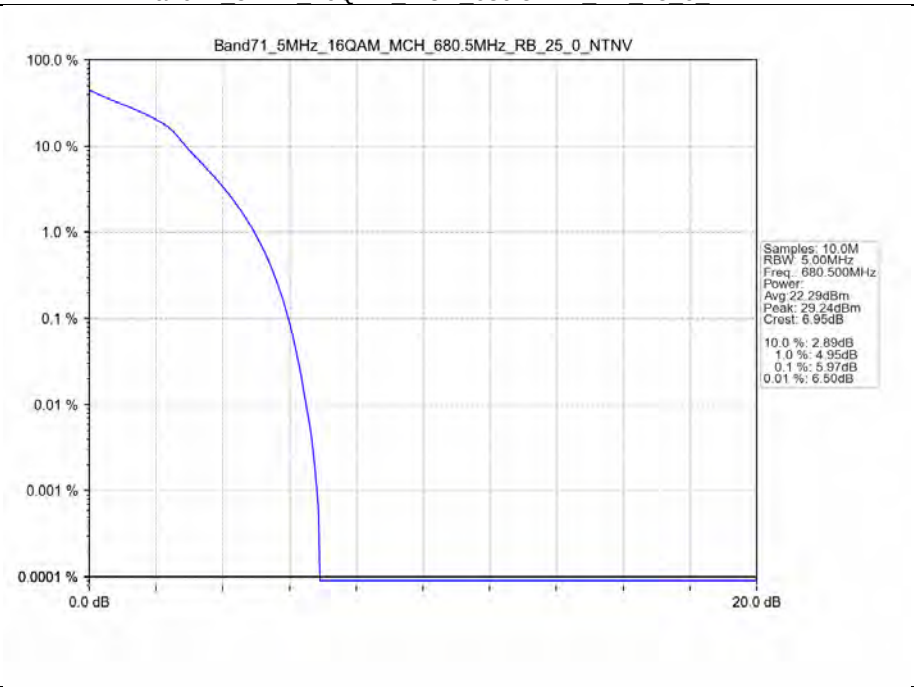
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



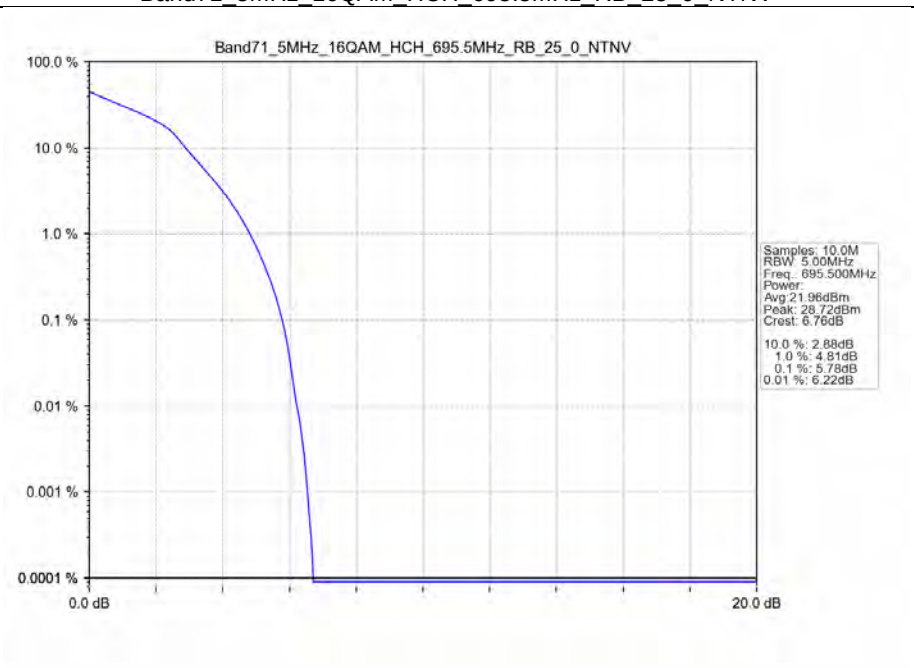
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



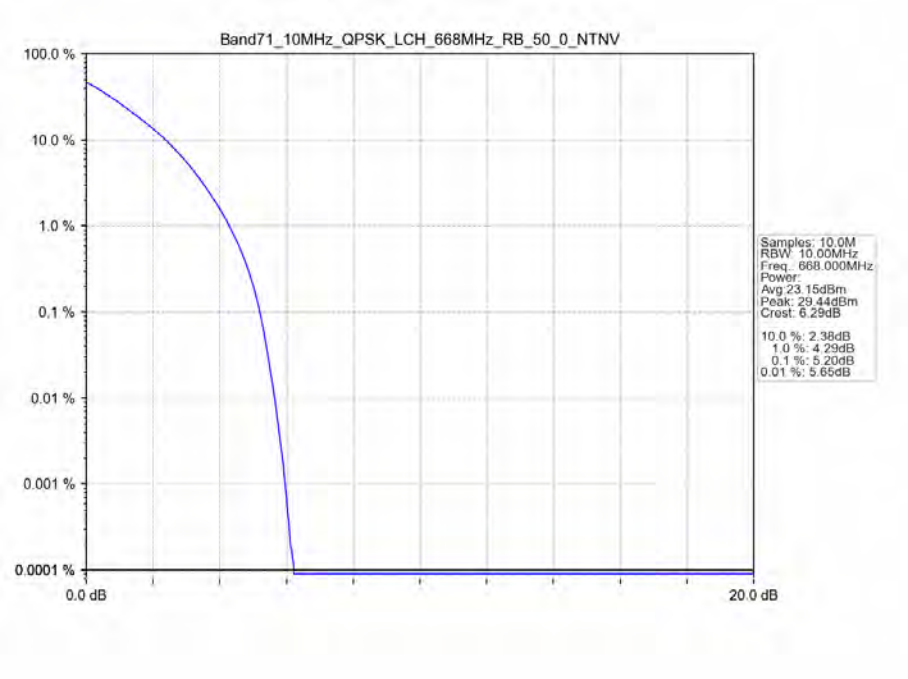
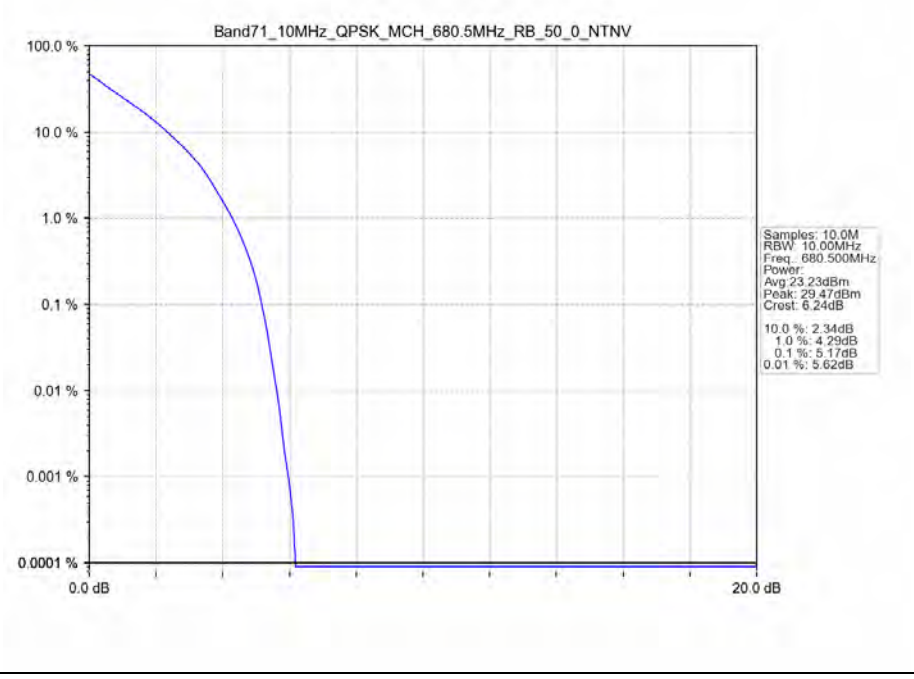
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



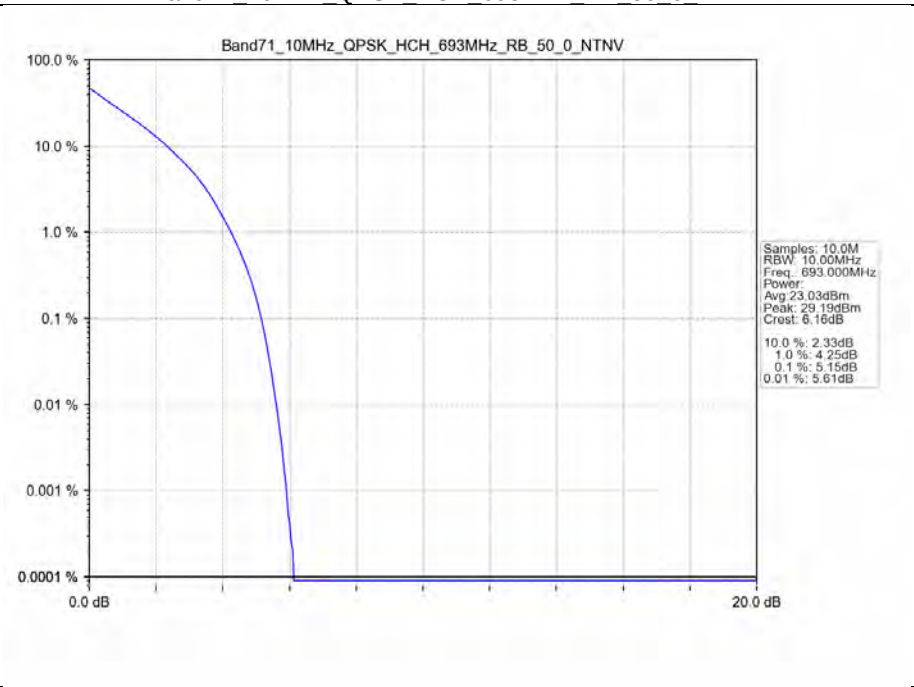
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



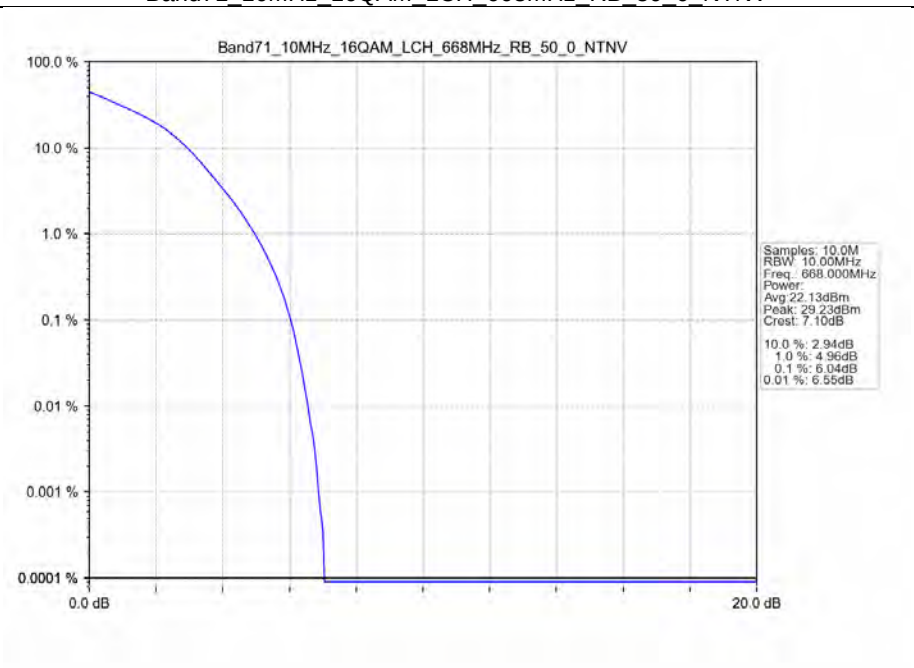
4.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV


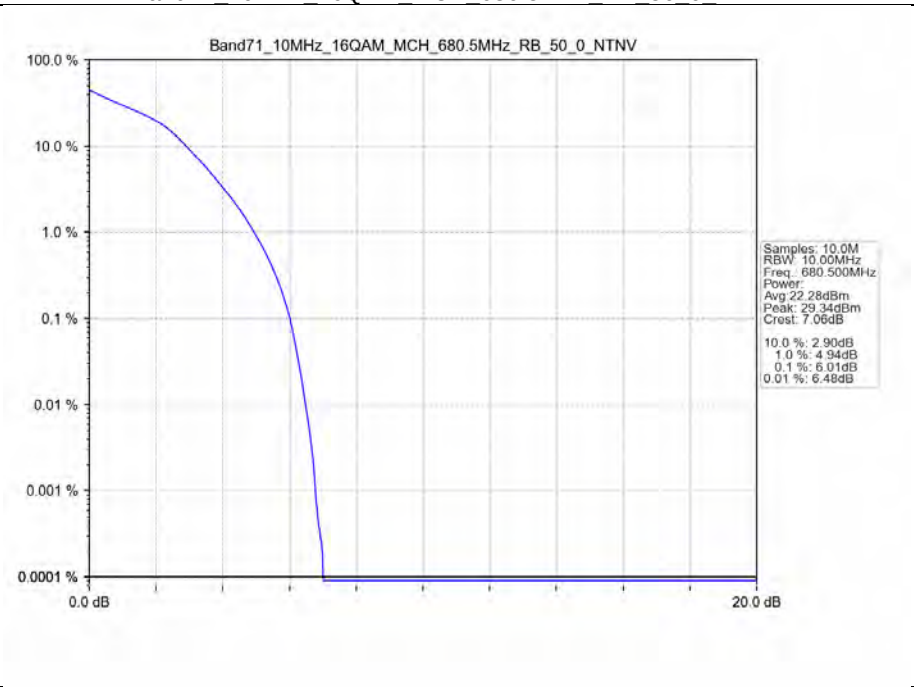
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



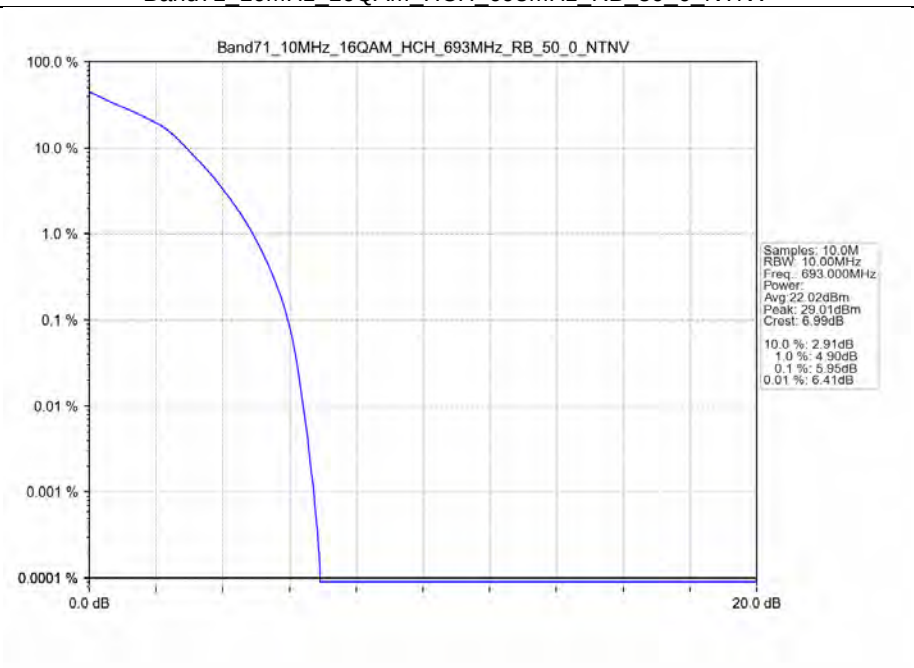
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV

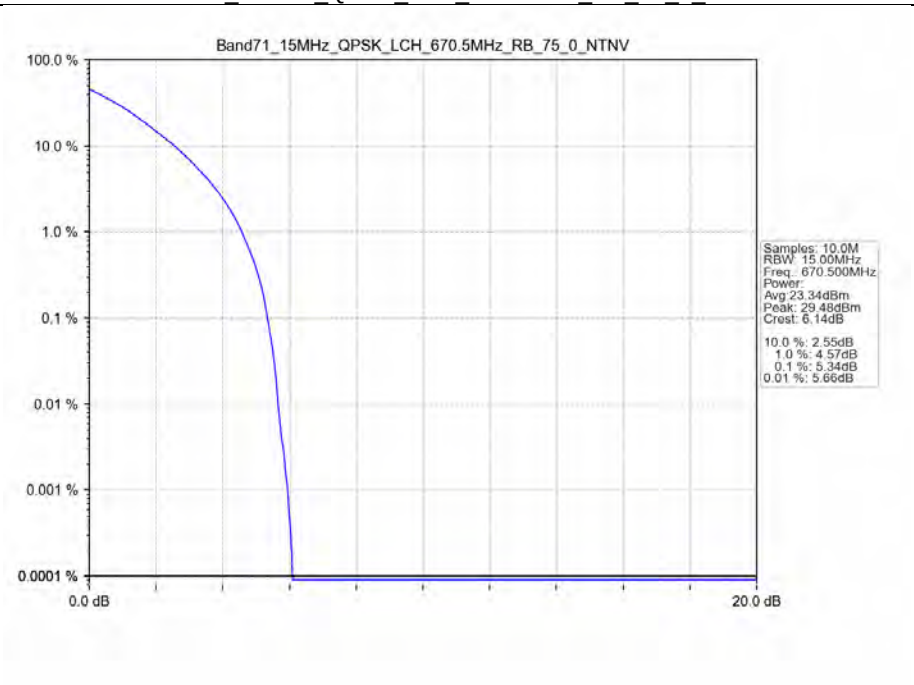


Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV

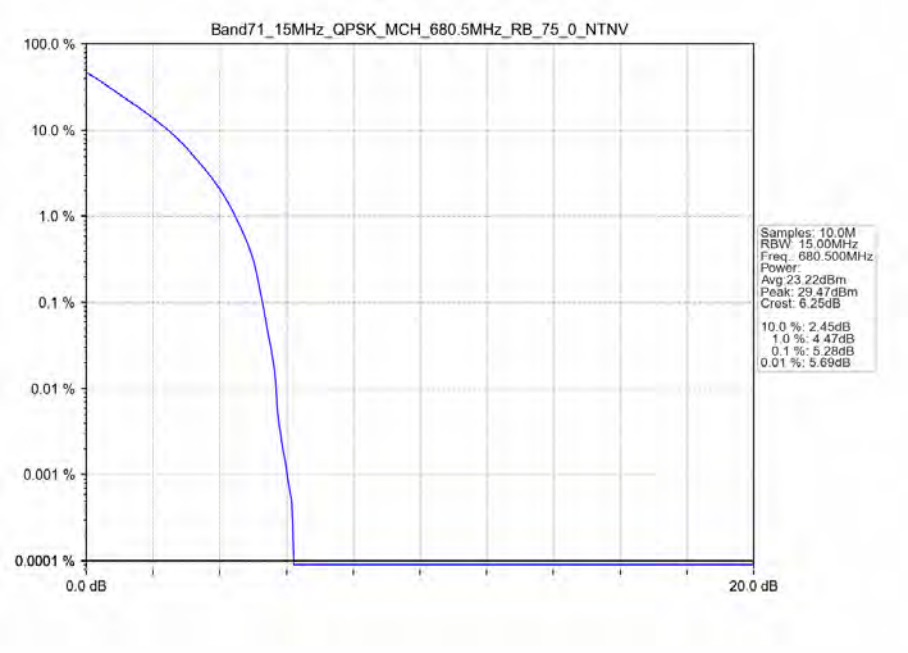


4.2.3 B71_15MHz

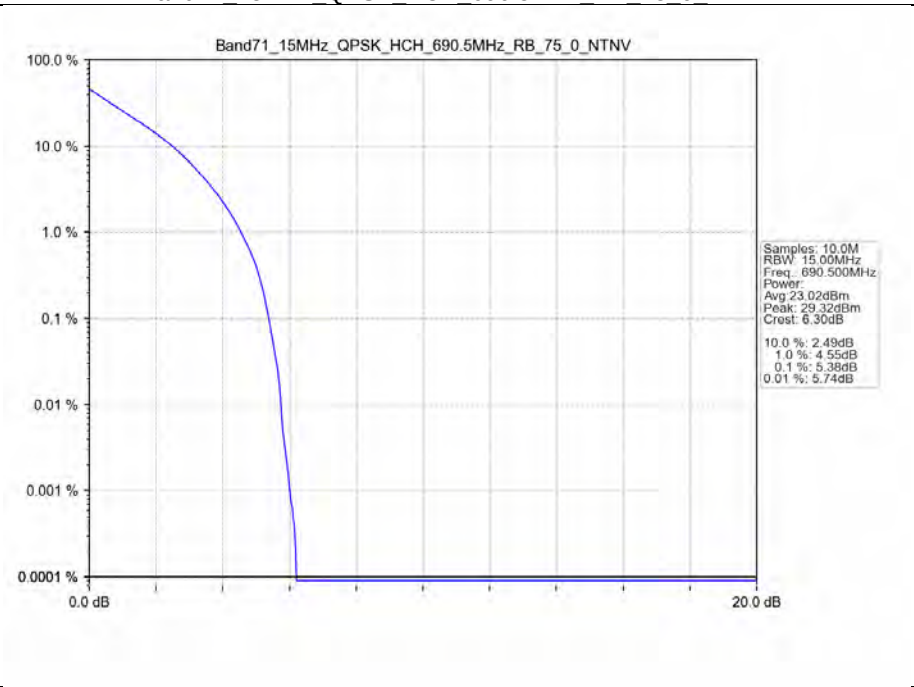
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



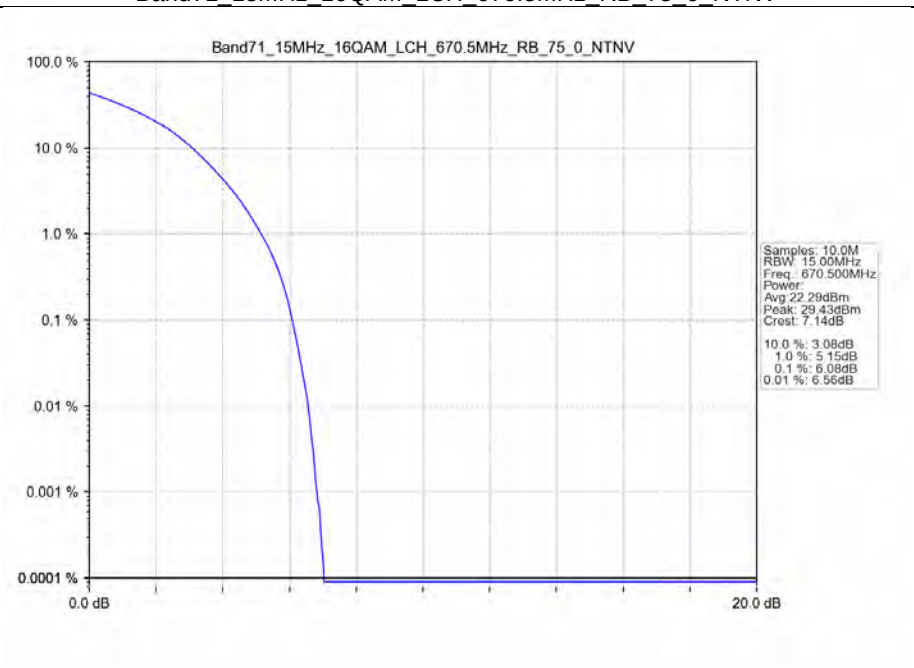
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



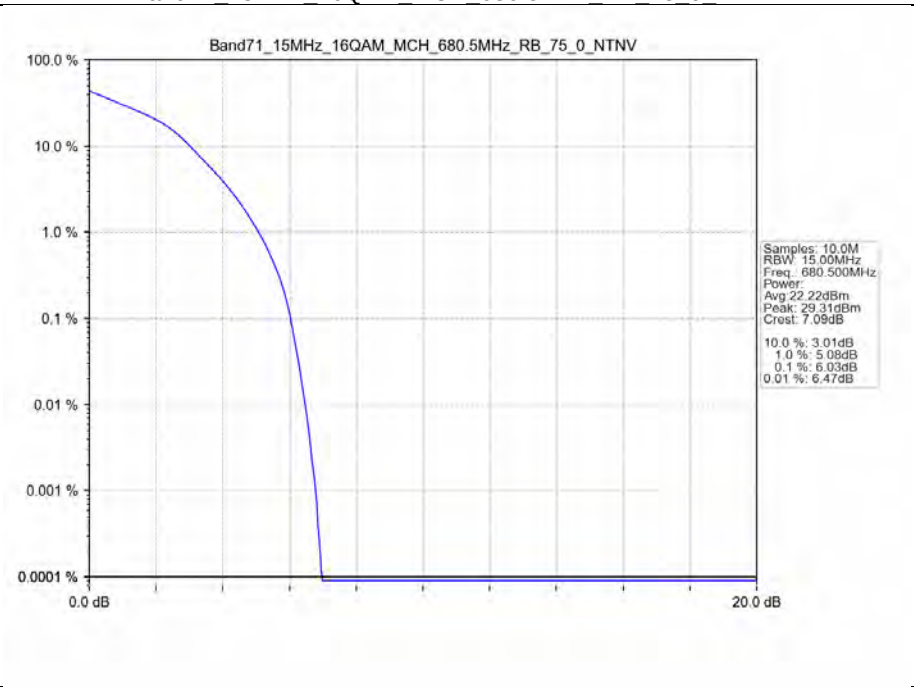
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



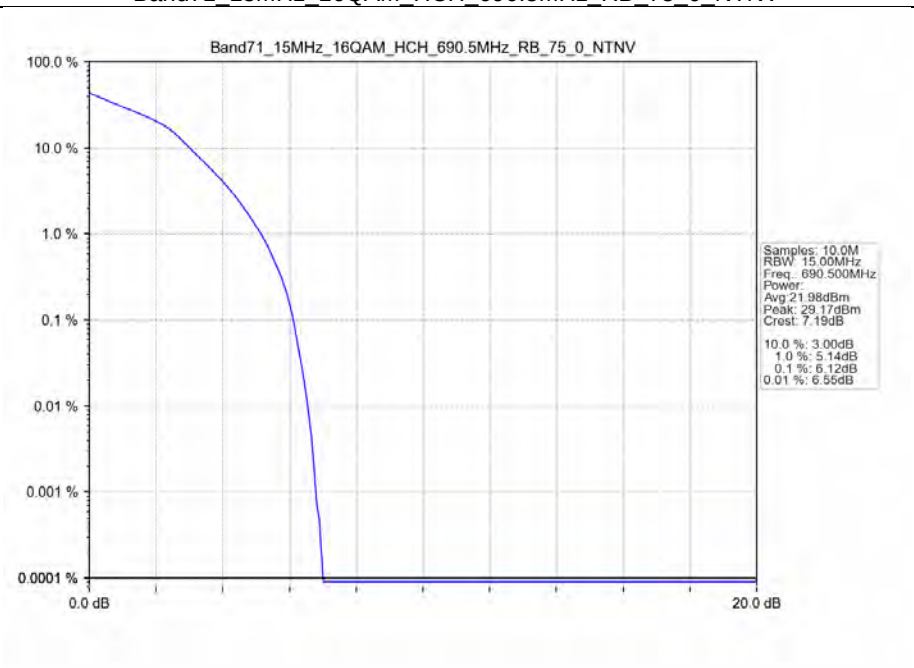
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



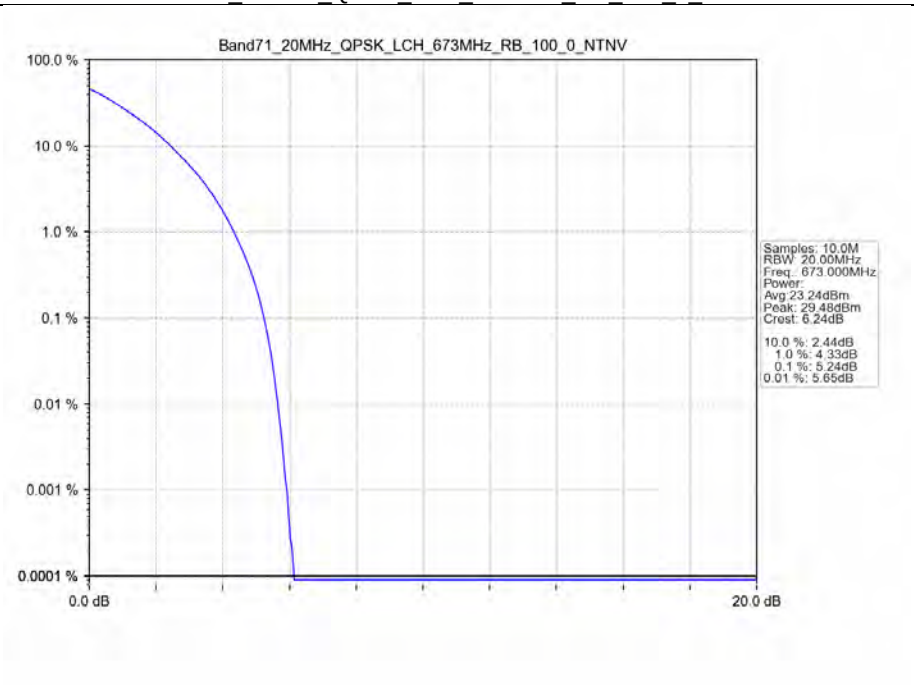
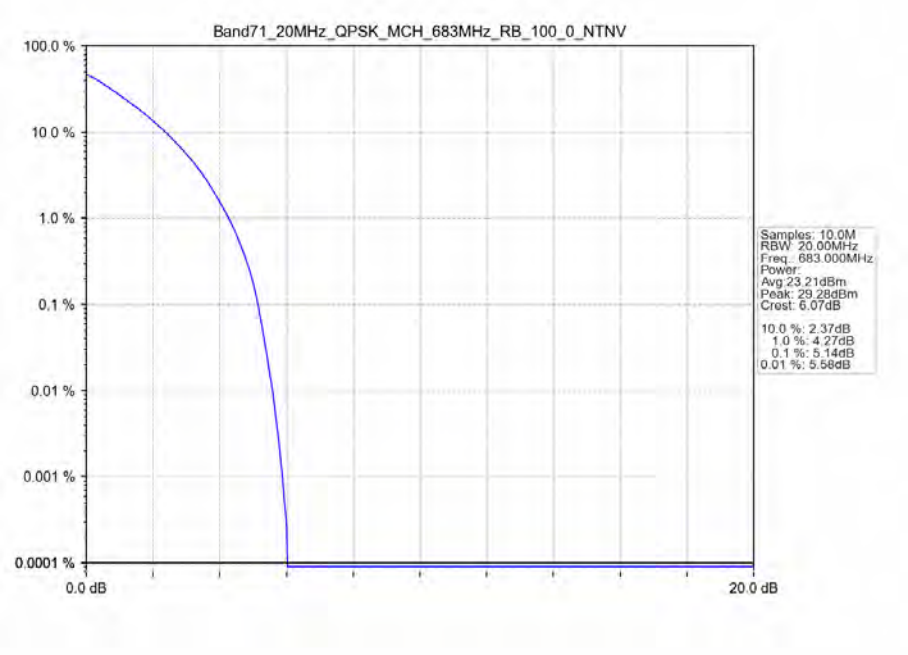
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



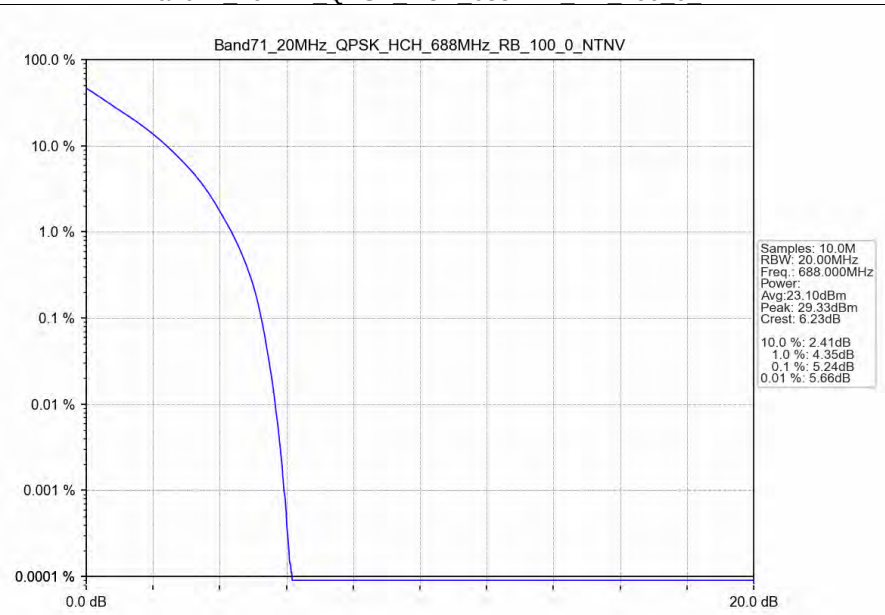
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



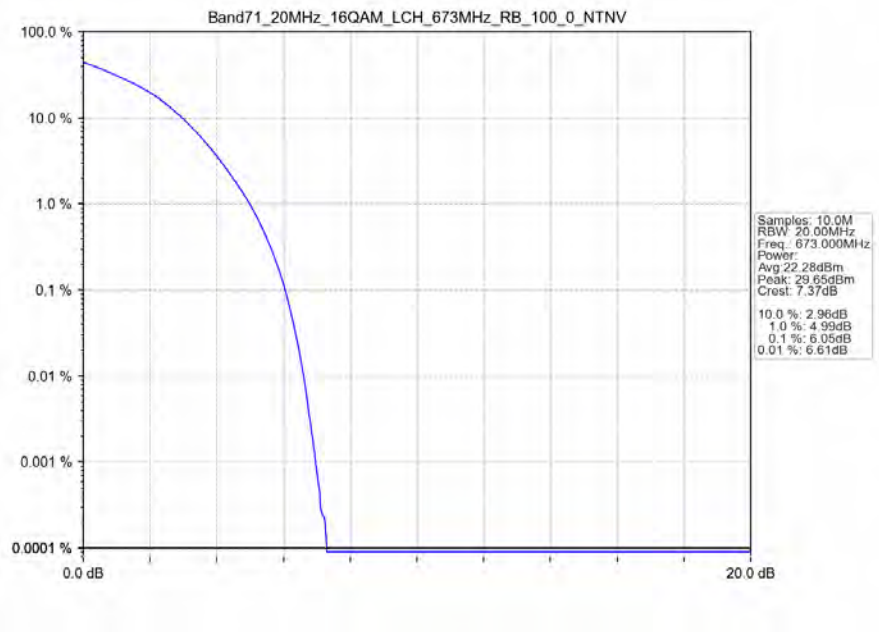
4.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV


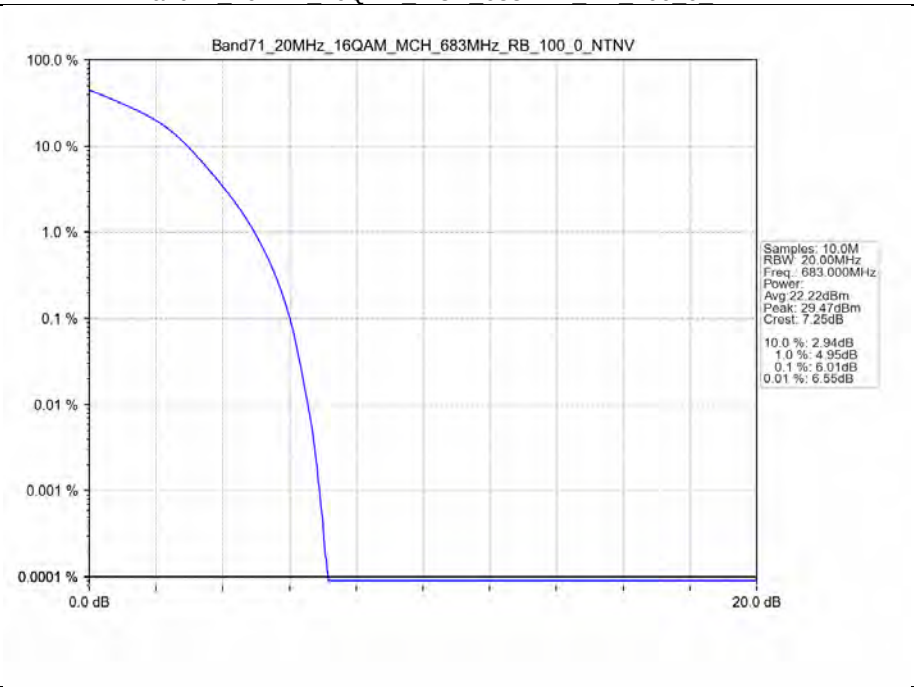
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



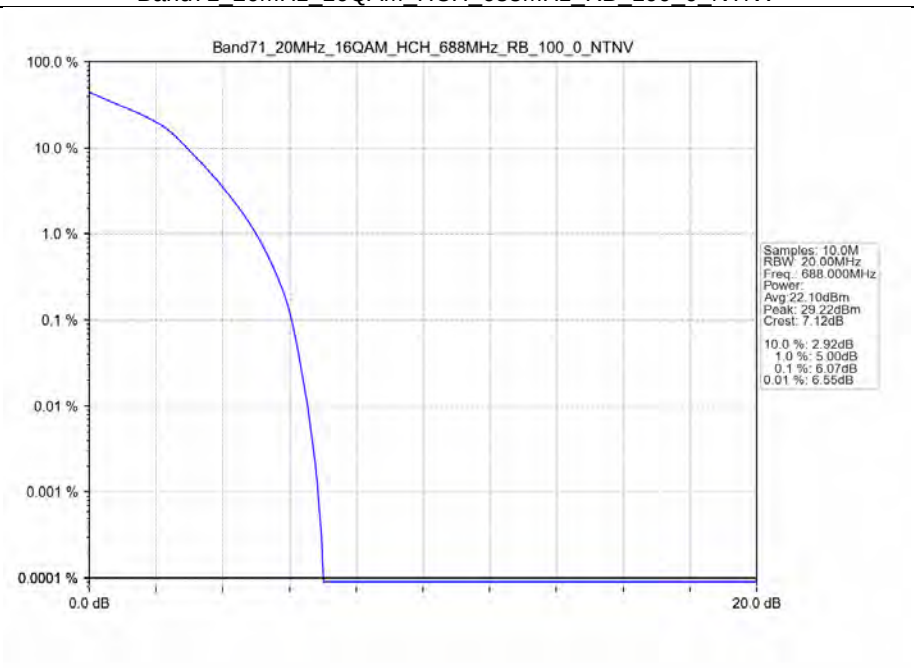
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

		75	0	Refer To Test Graph	Pass
16QAM	670.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	680.5	1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

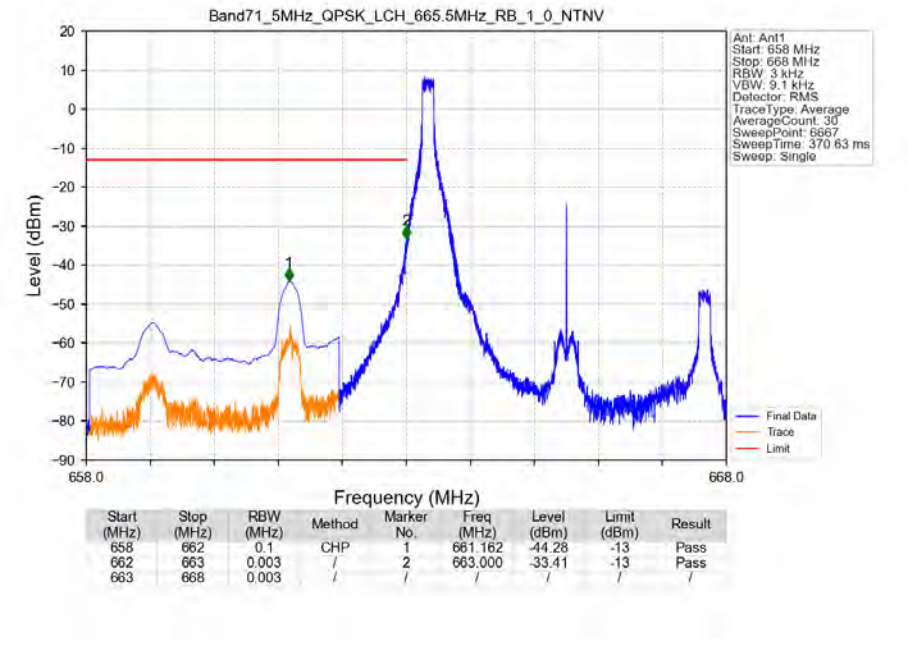
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

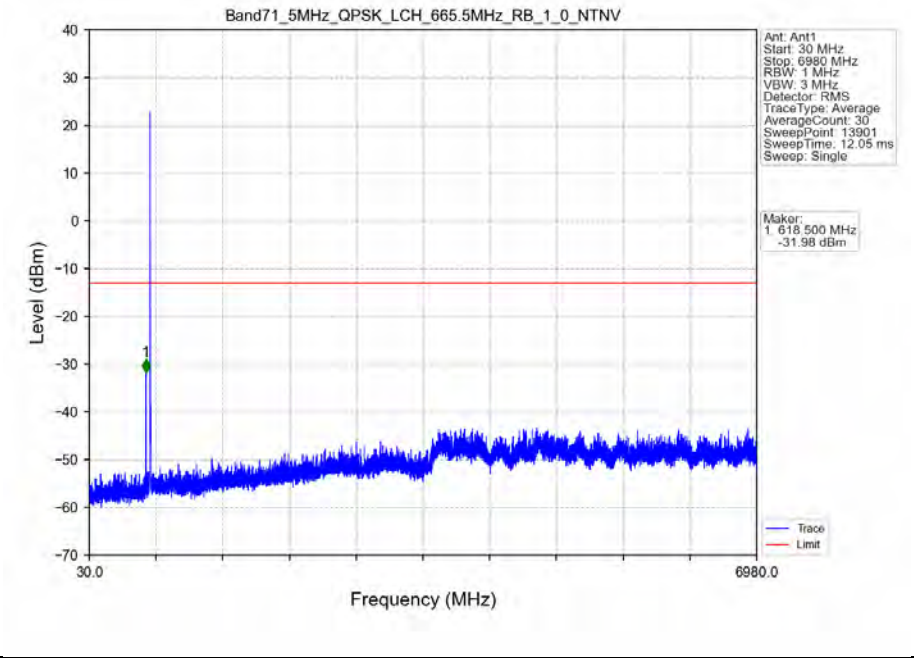
5.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

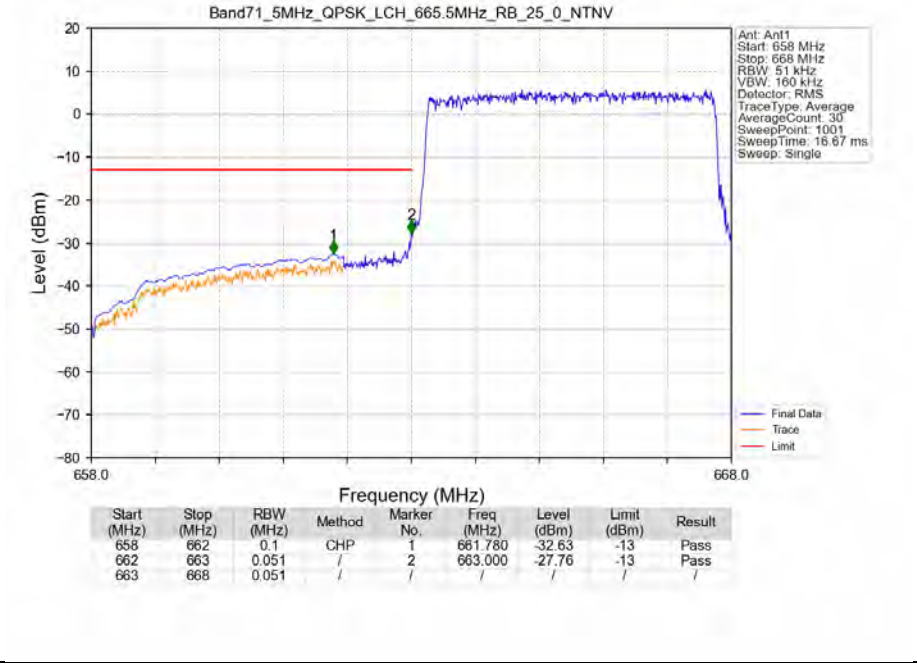


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.162	-44.28	-13	Pass
662	663	0.003	/	2	663.000	-33.41	-13	Pass
663	668	0.003	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

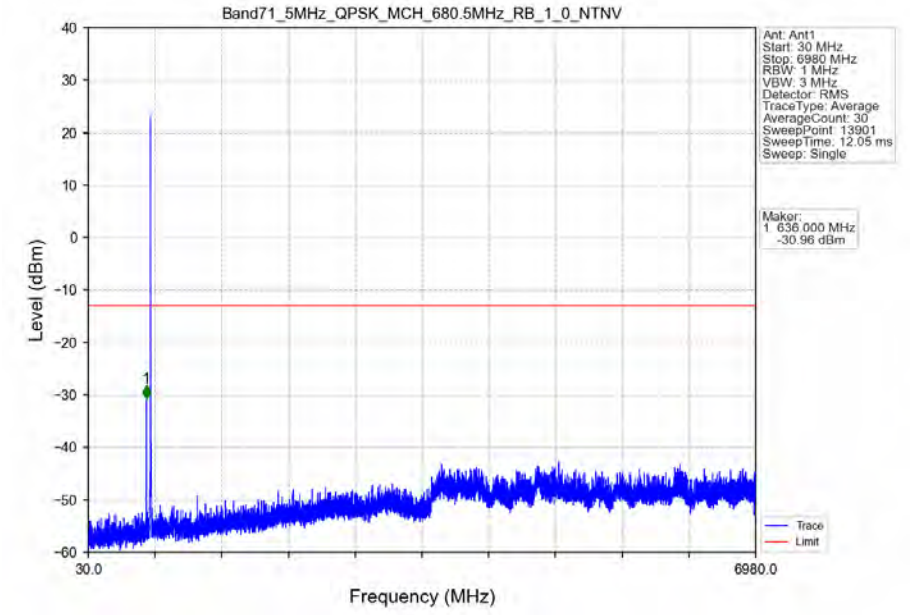


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

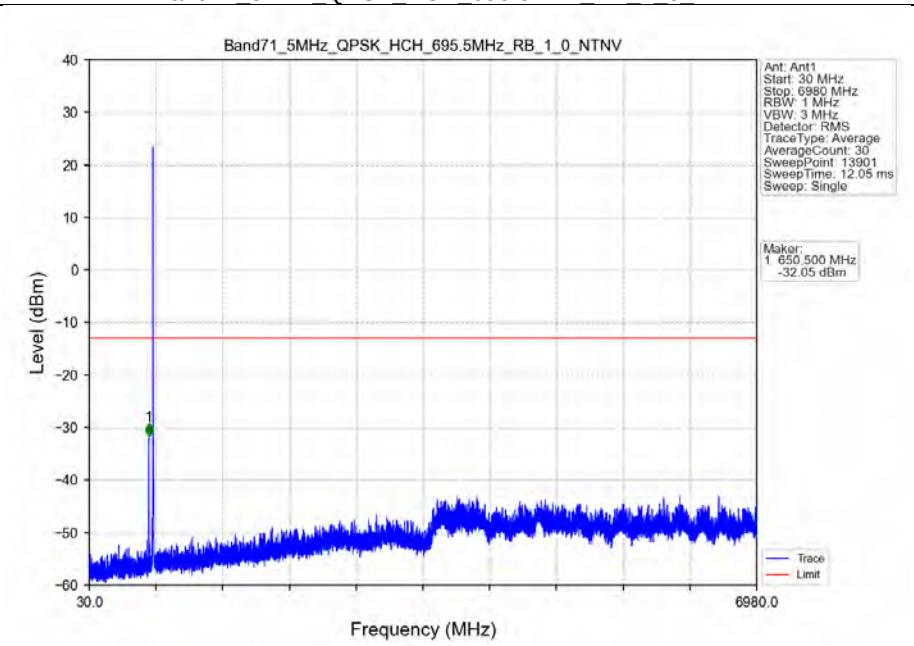


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.780	-32.63	-13	Pass
662	663	0.051	/	2	663.000	-27.76	-13	Pass
663	668	0.051	/	/	/	/	/	/

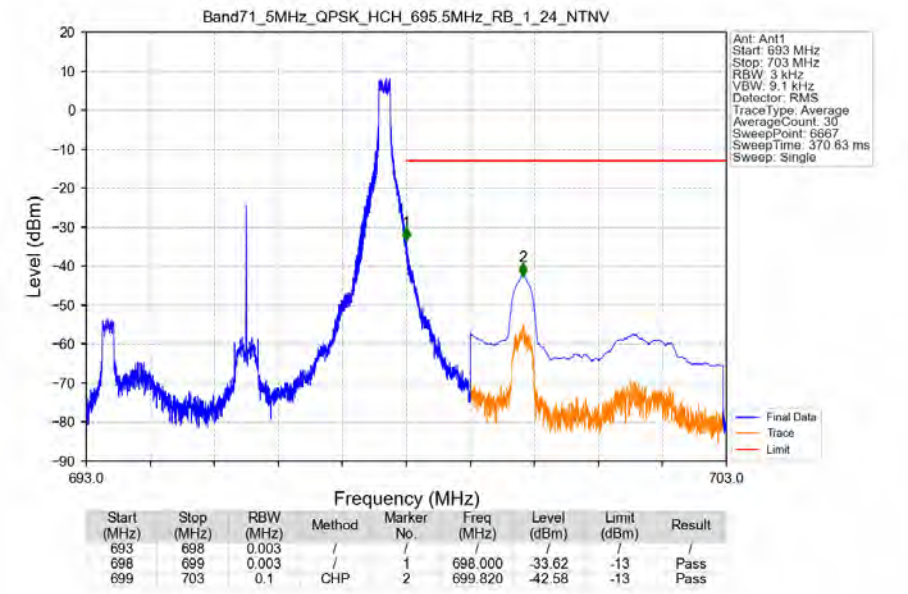
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

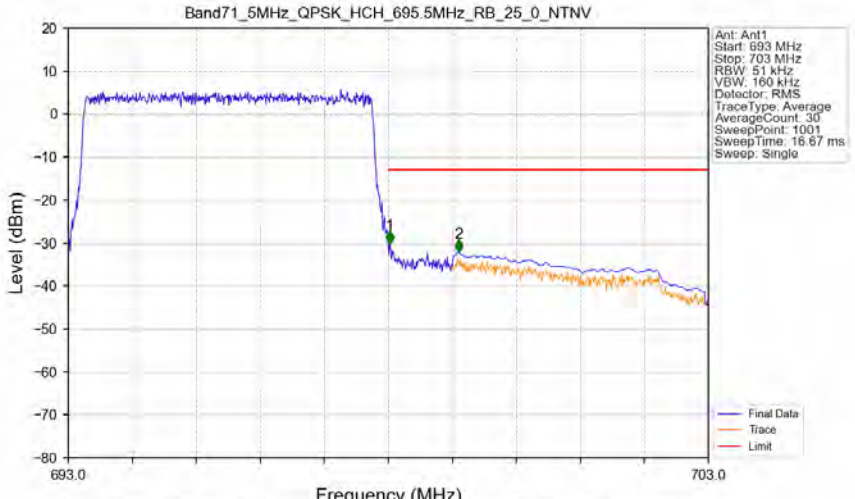


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



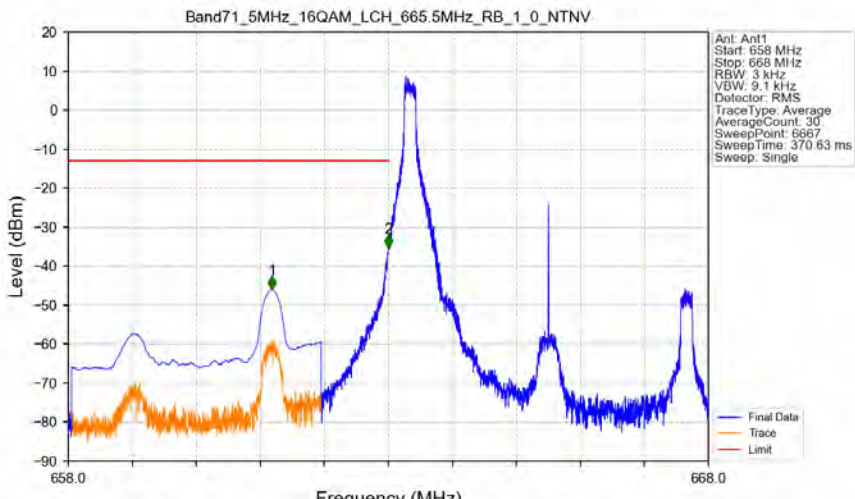
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.000	-33.62	-13	Pass
699	703	0.1	CHP	2	699.820	-42.58	-13	Pass

Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



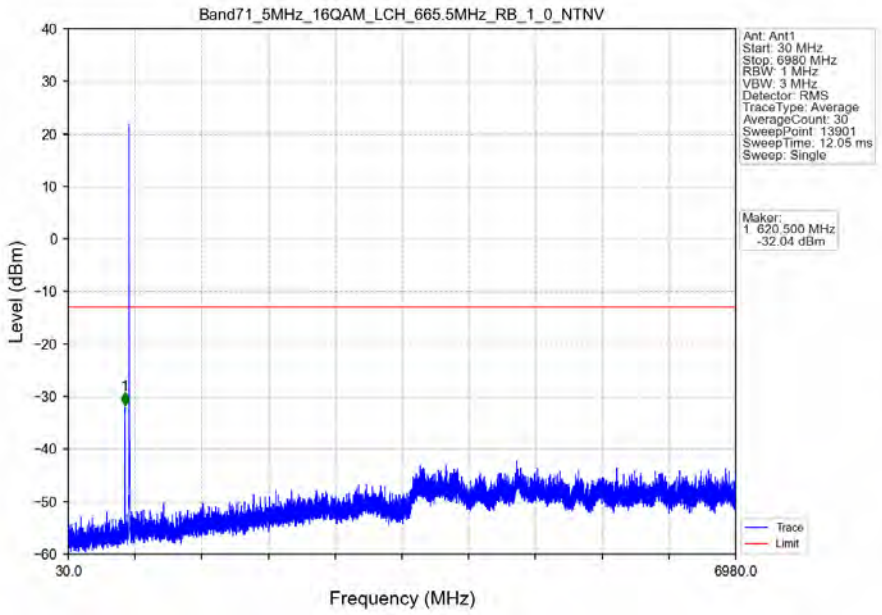
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.051	/	/	/	/	/	/
698	699	0.051	/	1	698.020	-30.23	-13	Pass
699	703	0.1	CHP	2	699.100	-32.22	-13	Pass

Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

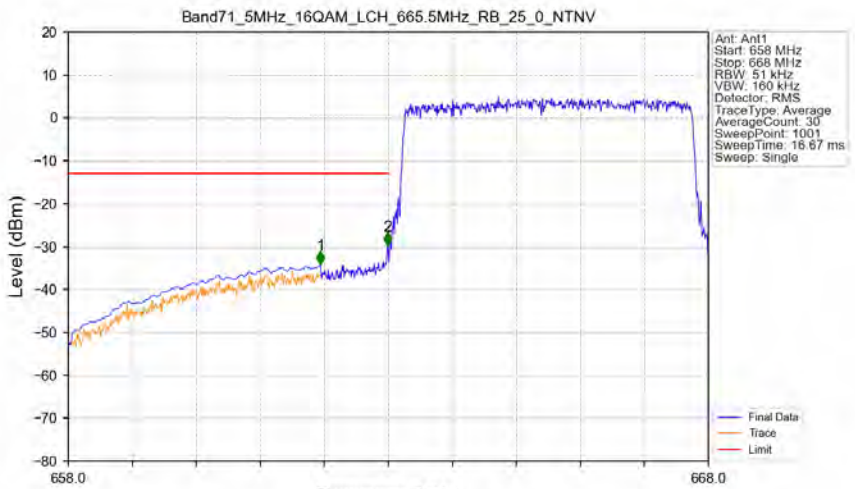


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.182	-45.99	-13	Pass
662	663	0.003	/	2	663.000	-35.23	-13	Pass
663	668	0.003	/	/	/	/	/	/

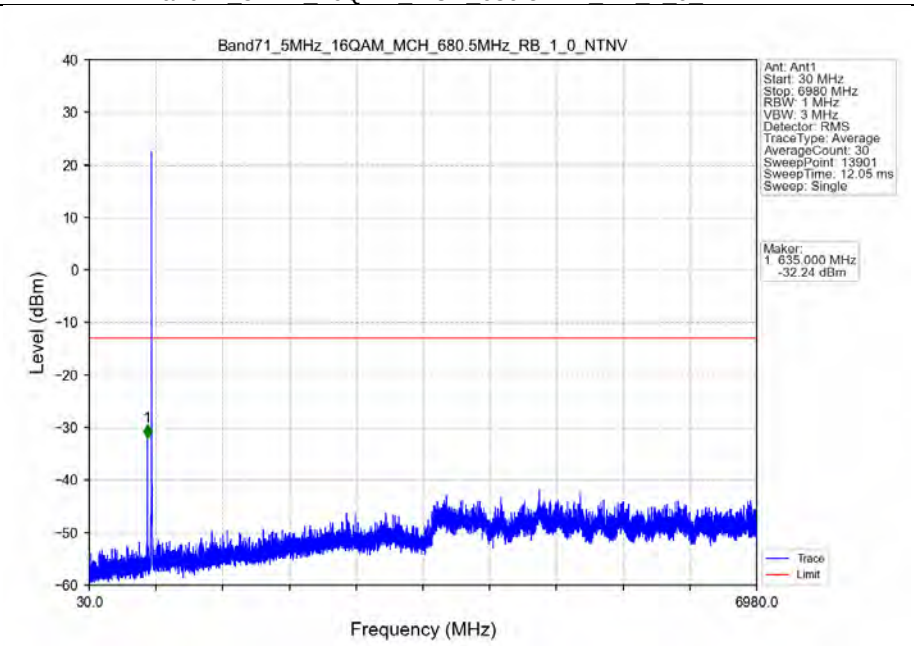
Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

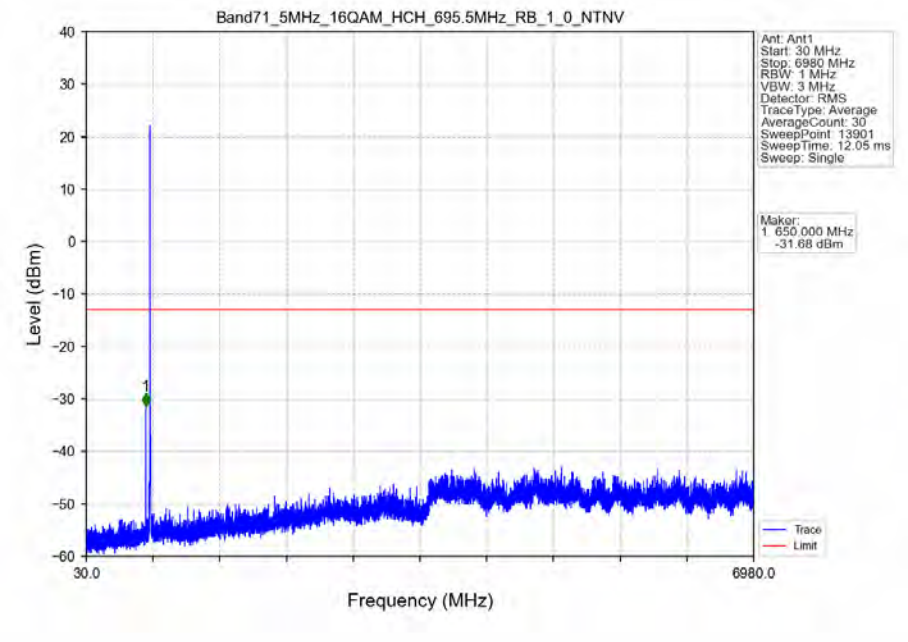


Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

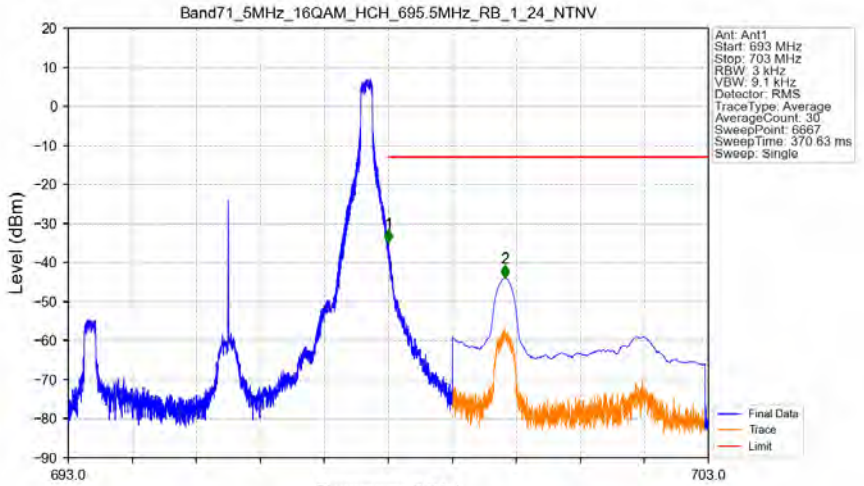


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.940	-34.22	-13	Pass
662	663	0.051	/	2	662.990	-29.79	-13	Pass
663	668	0.051	/	/	/	/	/	/

Band71_5MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV


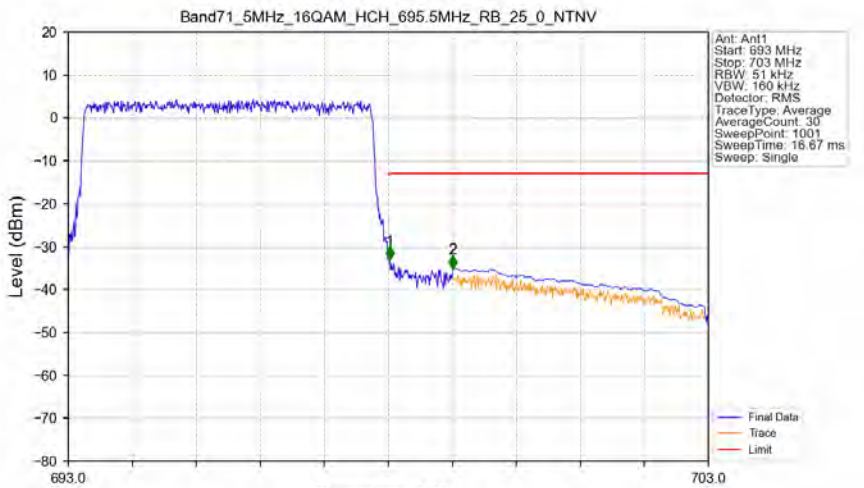
Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_0_NTNV


Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.001	-34.89	-13	Pass
699	703	0.1	CHP	2	699.817	-43.93	-13	Pass

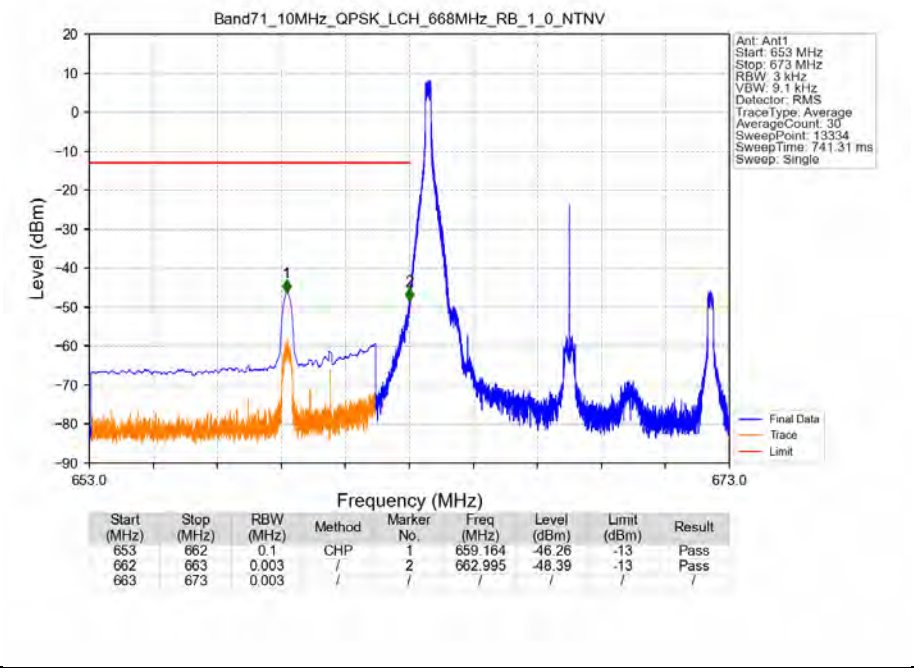
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.051	/	/	/	/	/	/
698	699	0.051	/	1	698.020	-33.09	-13	Pass
699	703	0.1	CHP	2	699.010	-35.13	-13	Pass

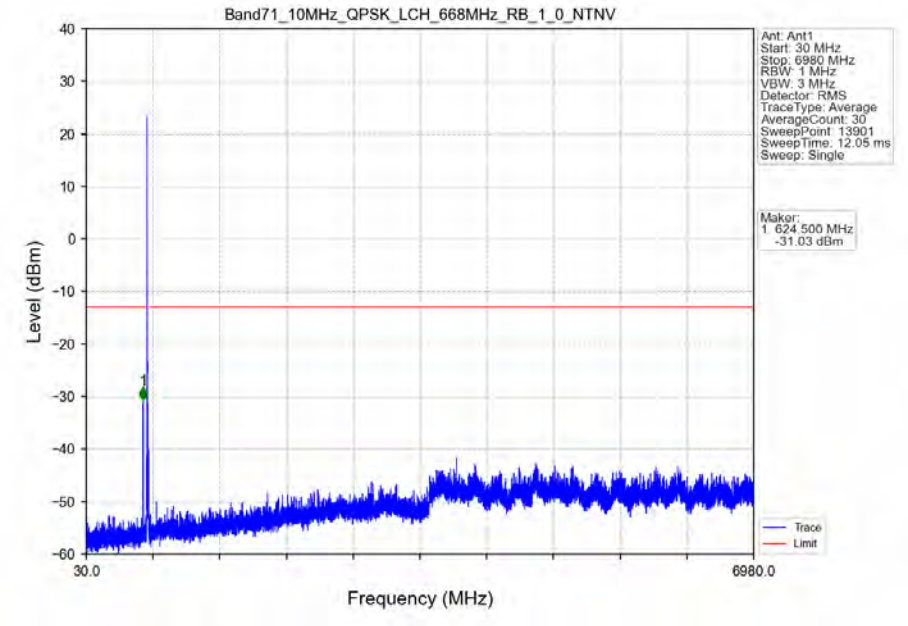
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

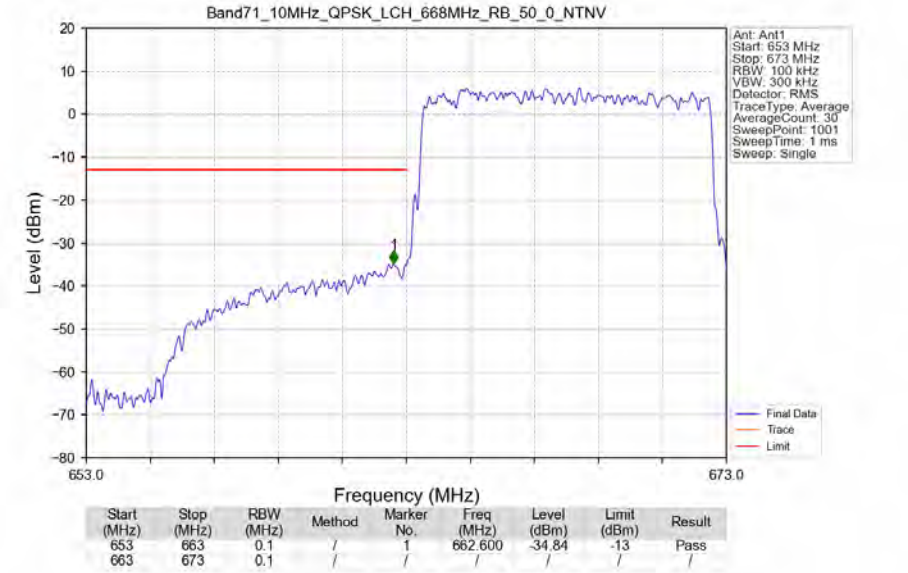


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	CHP	1	659.164	-46.26	-13	Pass
662	663	0.003	/	2	662.995	-48.39	-13	Pass
663	673	0.003	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

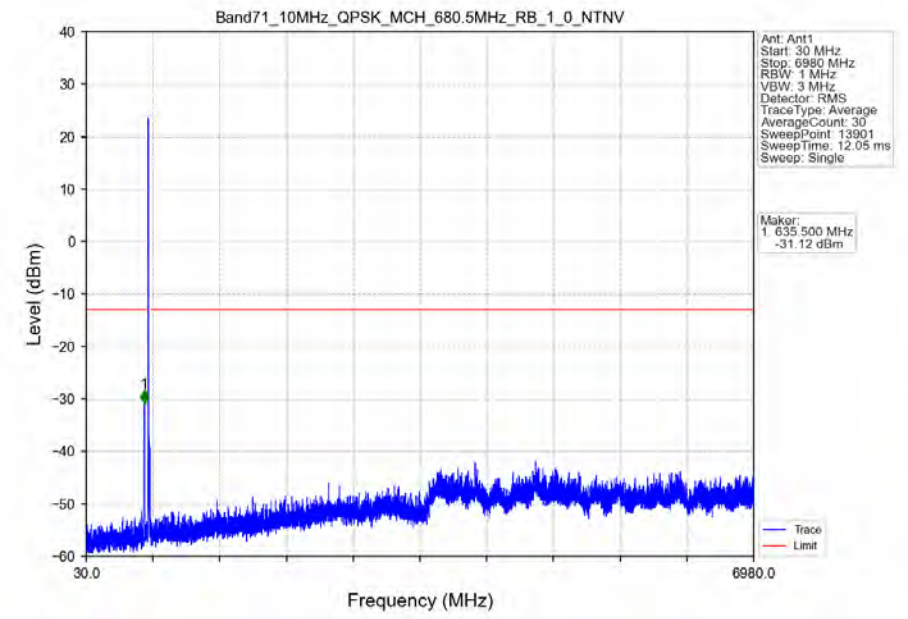


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

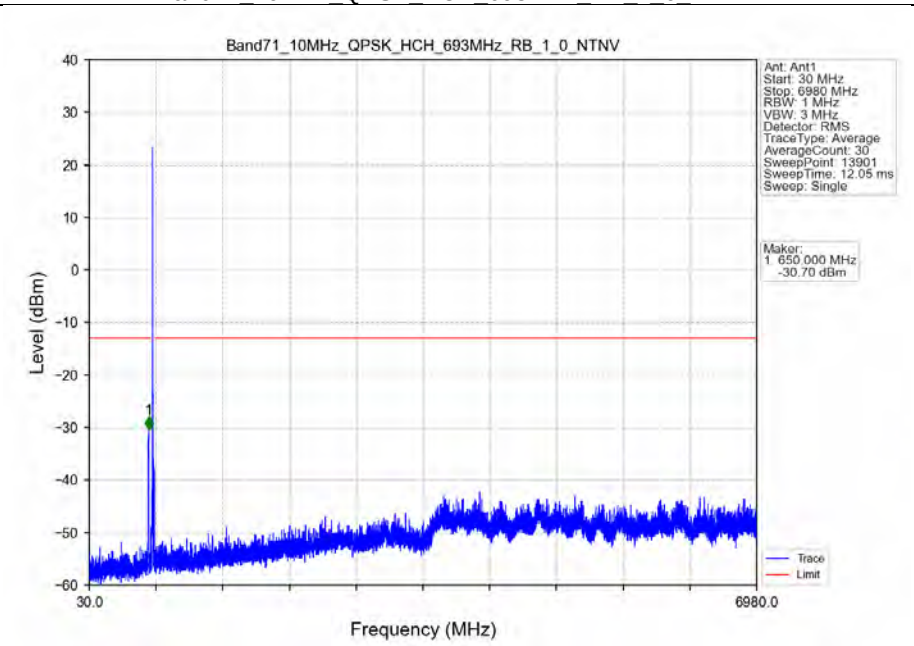


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	663	0.1	/	1	662.600	-34.84	-13	Pass
663	673	0.1	/	/	/	/	/	/

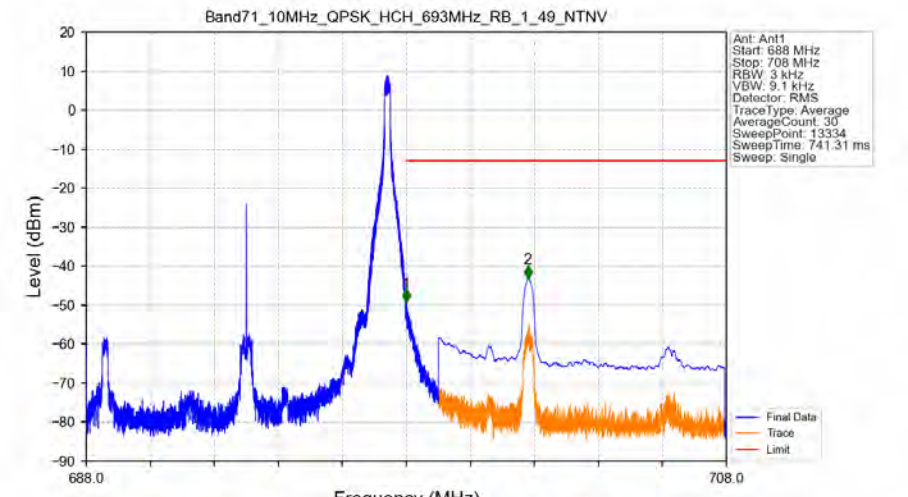
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

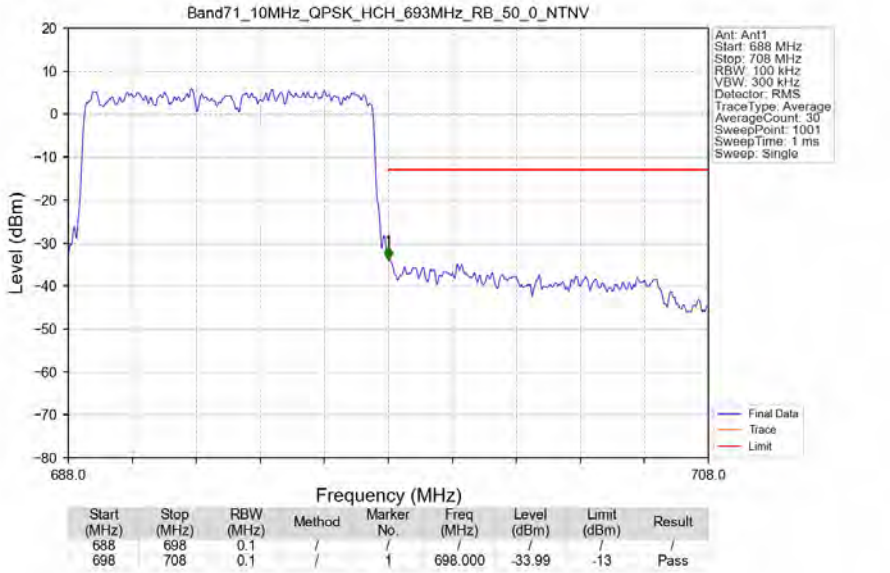


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



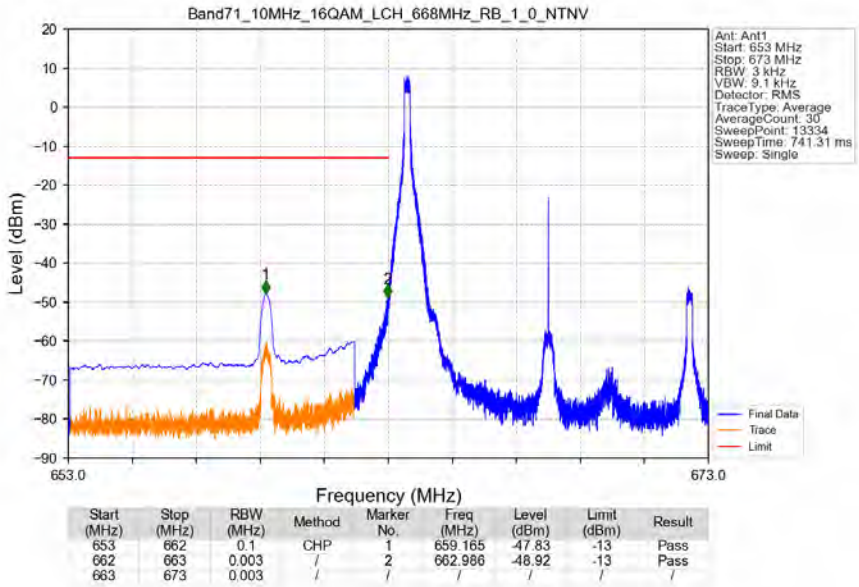
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.001	-49.23	-13	Pass
699	708	0.1	CHP	2	701.794	-43.15	-13	Pass

Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



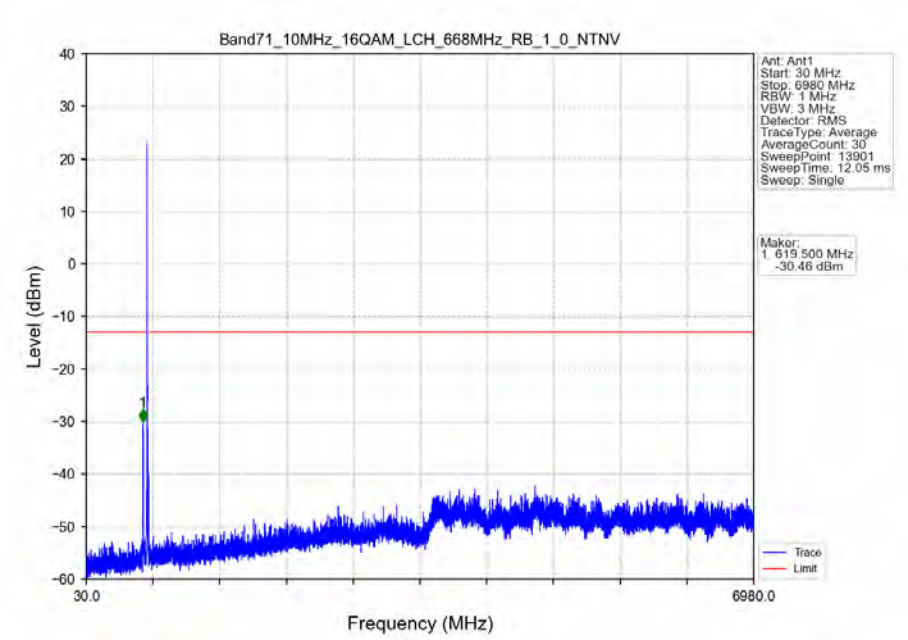
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.1	/	/	/	/	/	/
698	708	0.1	/	1	698.000	-33.99	-13	Pass

Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV

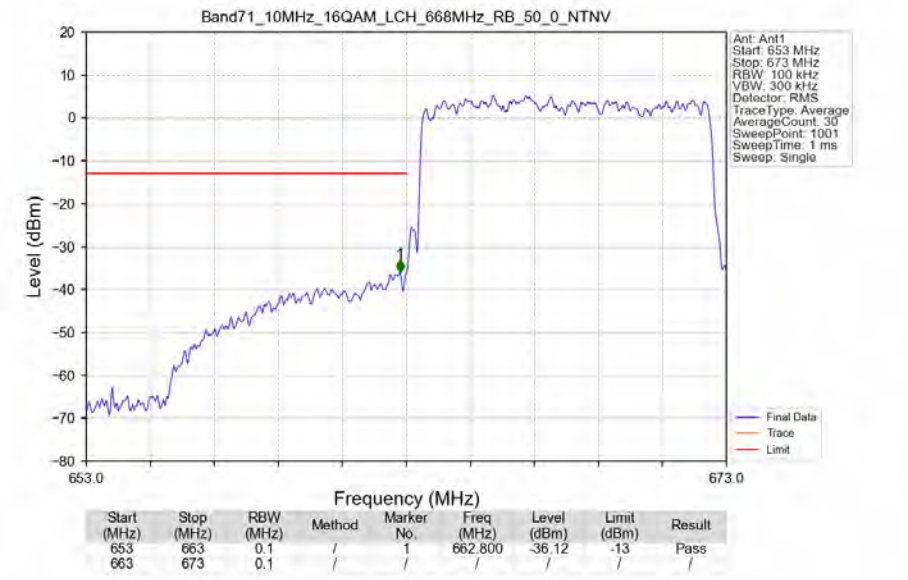


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	CHP	1	659.165	-47.83	-13	Pass
662	663	0.003	/	2	662.986	-48.92	-13	Pass
663	673	0.003	/	/	/	/	/	/

Band71_10MHz_16QAM_LCH_668MHz_RB_1_0_NTNV

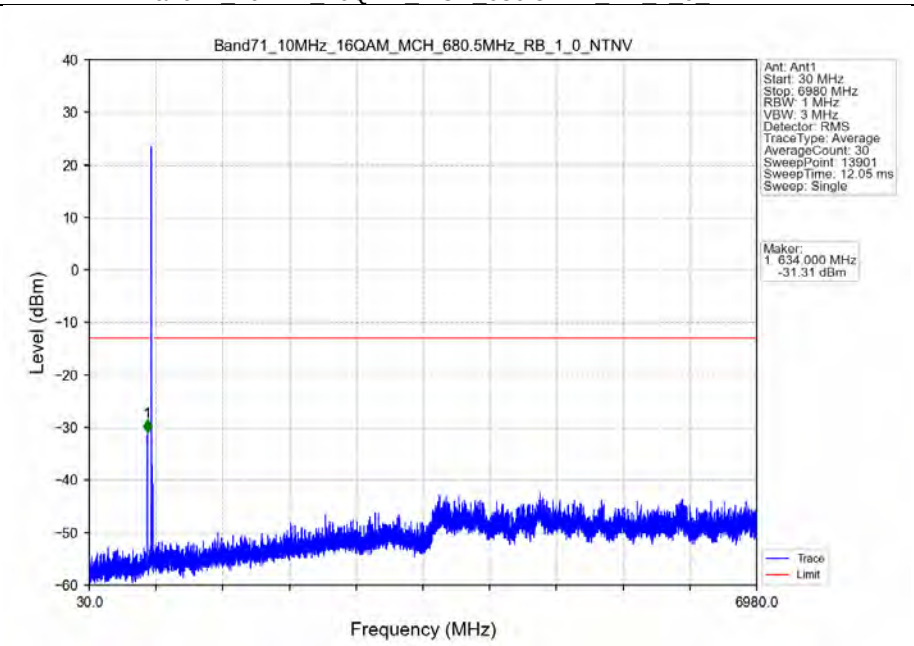


Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV

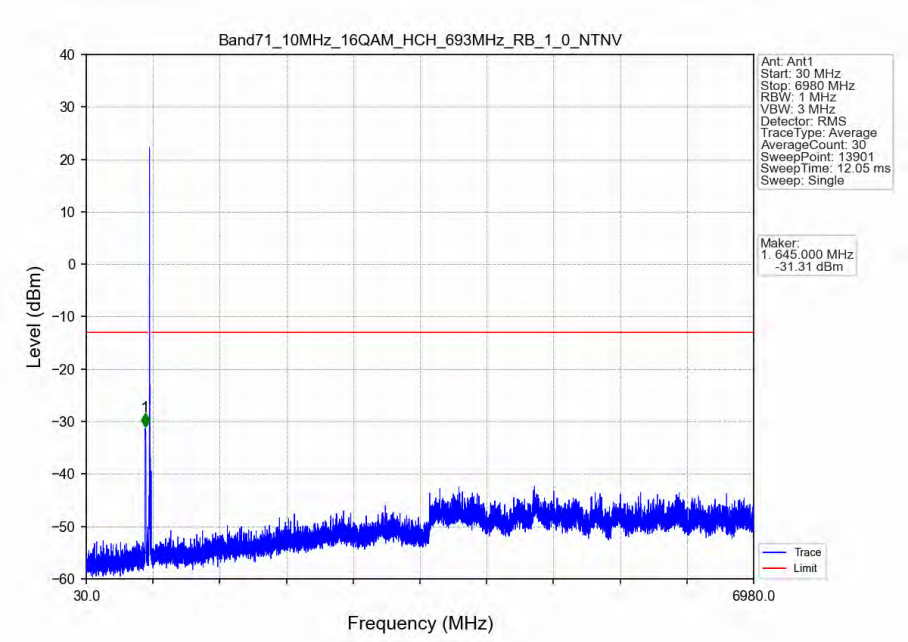


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	663	0.1	/	1	662.800	-36.12	-13	Pass
663	673	0.1	/	/	/	/	/	/

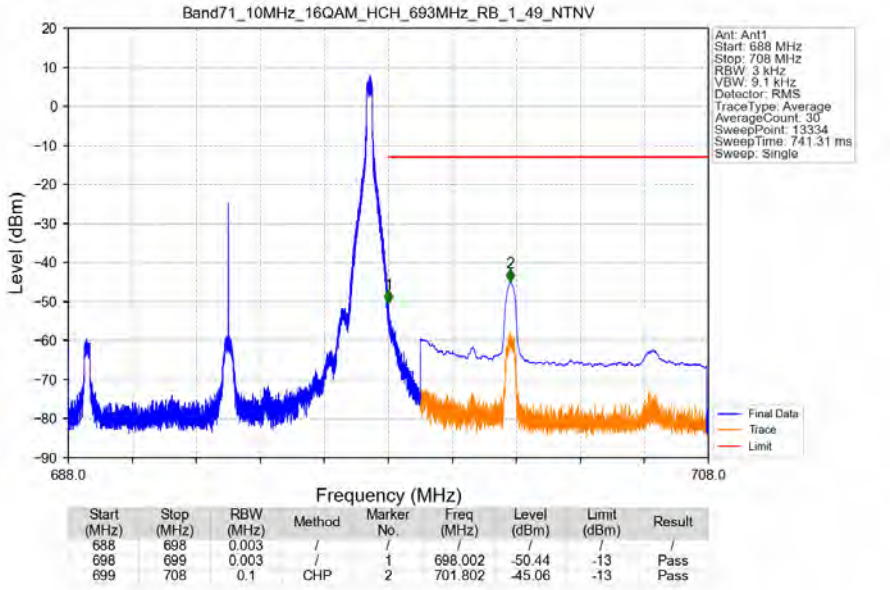
Band71_10MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_1_0_NTNV

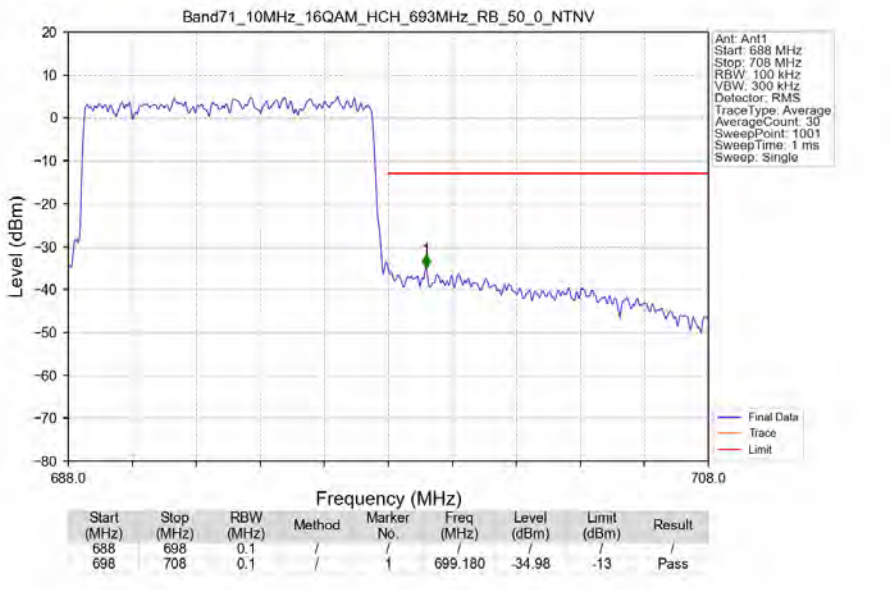


Band71_10MHz_16QAM_HCH_693MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.002	-50.44	-13	Pass
699	708	0.1	CHP	2	701.802	-45.06	-13	Pass

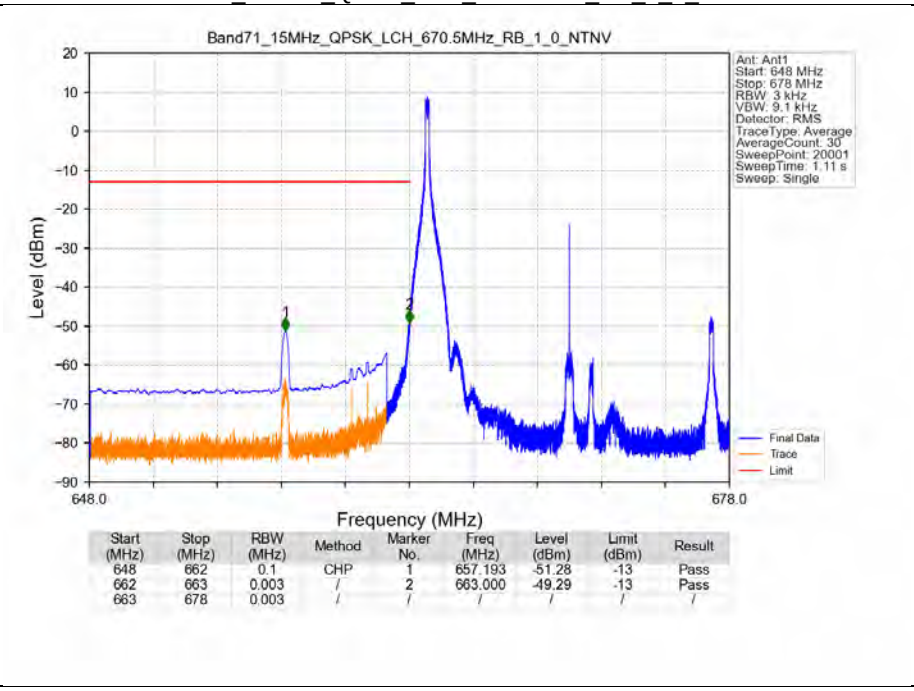
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.1	/	/	/	/	/	/
698	708	0.1	/	1	699.180	-34.98	-13	Pass

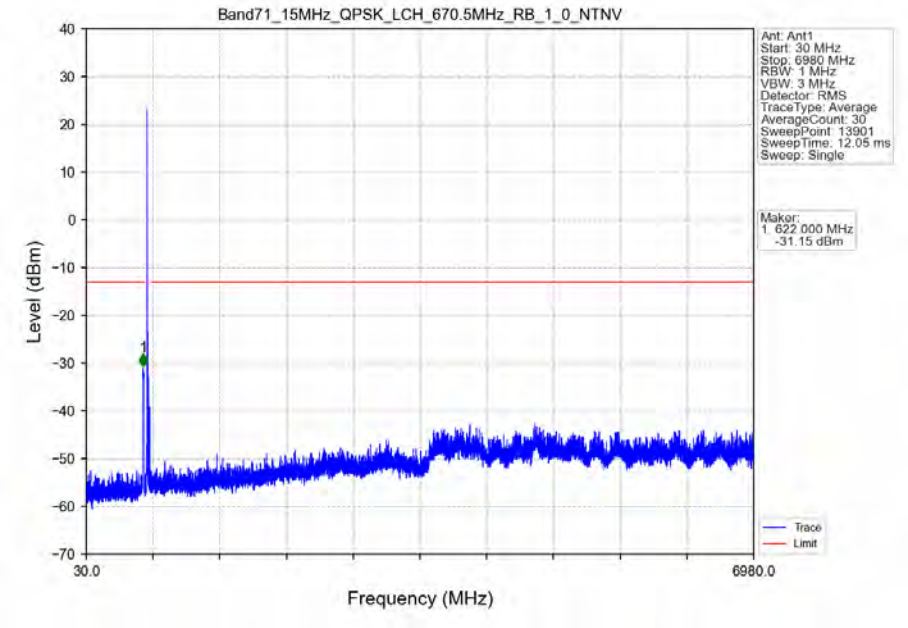
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

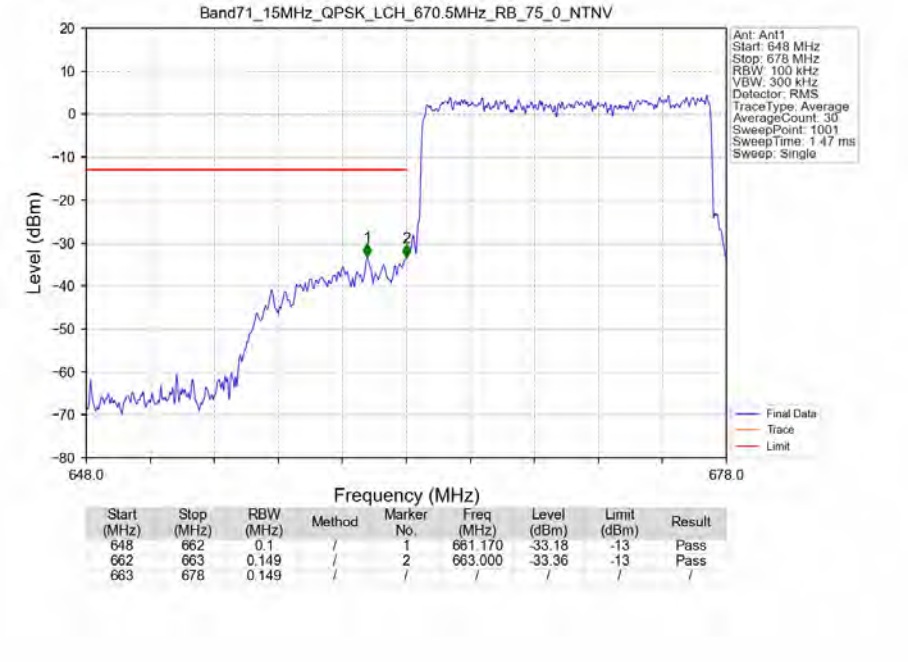


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	CHP	1	657.193	-51.28	-13	Pass
662	663	0.003	/	2	663.000	-49.29	-13	Pass
663	678	0.003	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

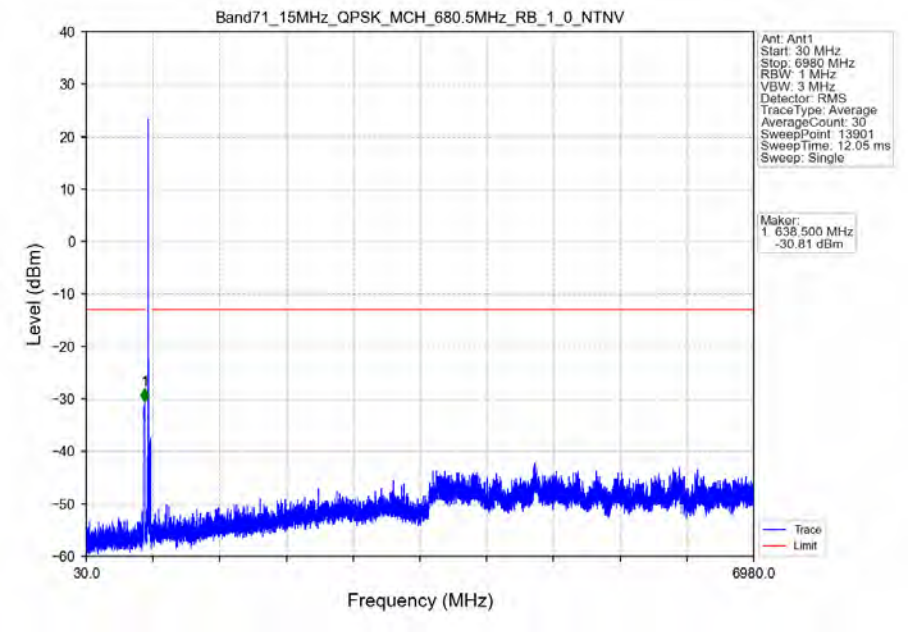


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

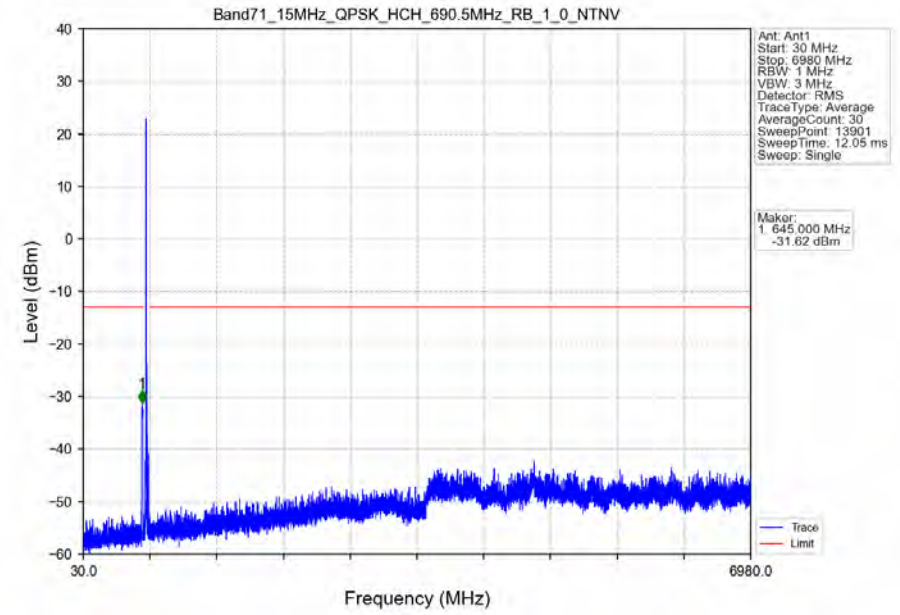


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.170	-33.18	-13	Pass
662	663	0.149	/	2	663.000	-33.36	-13	Pass
663	678	0.149	/	/	/	/	/	/

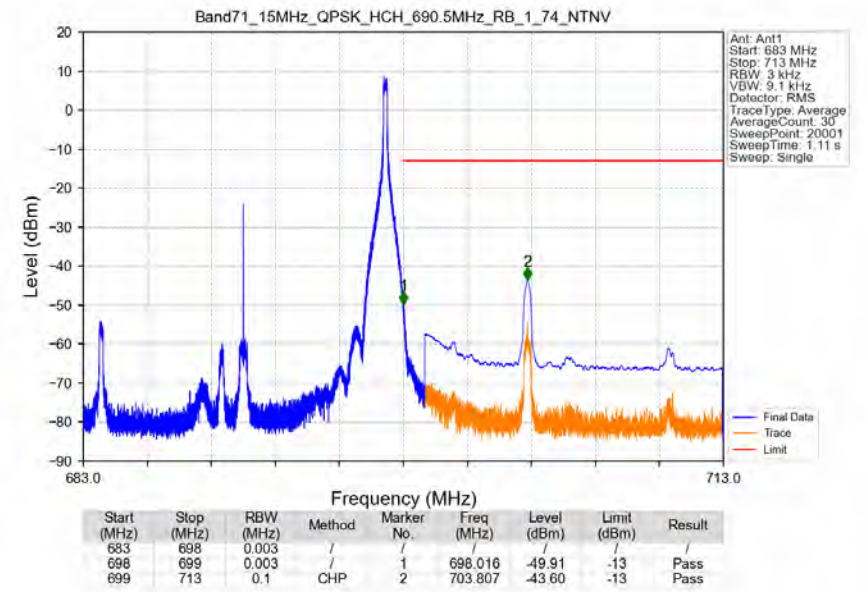
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

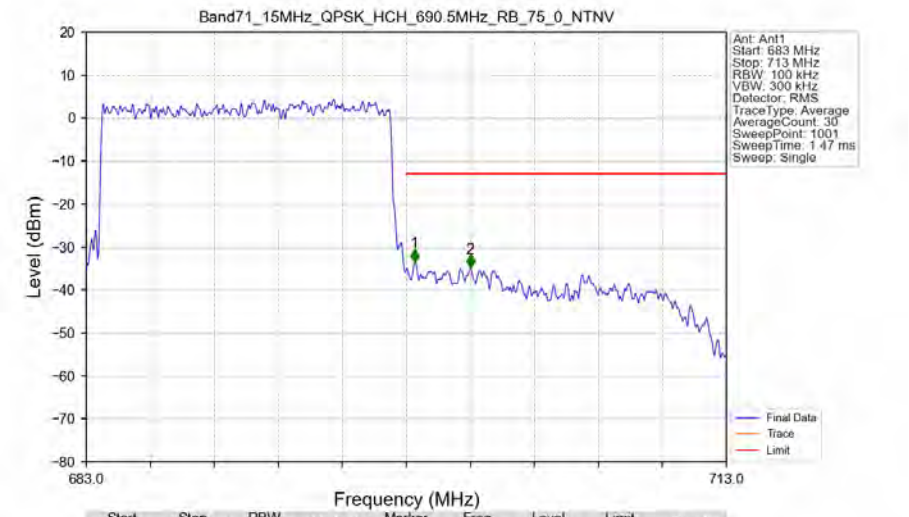


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



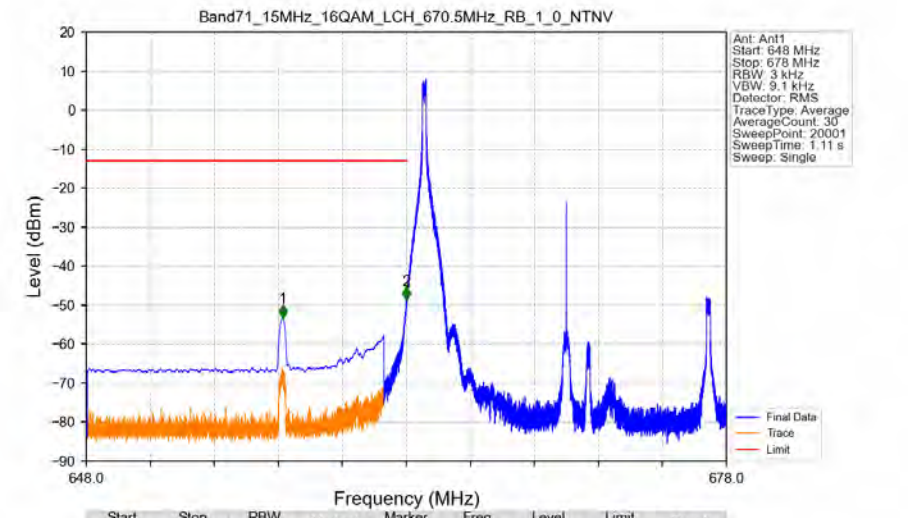
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.016	-49.91	-13	Pass
699	713	0.1	CHP	2	703.807	-43.60	-13	Pass

Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



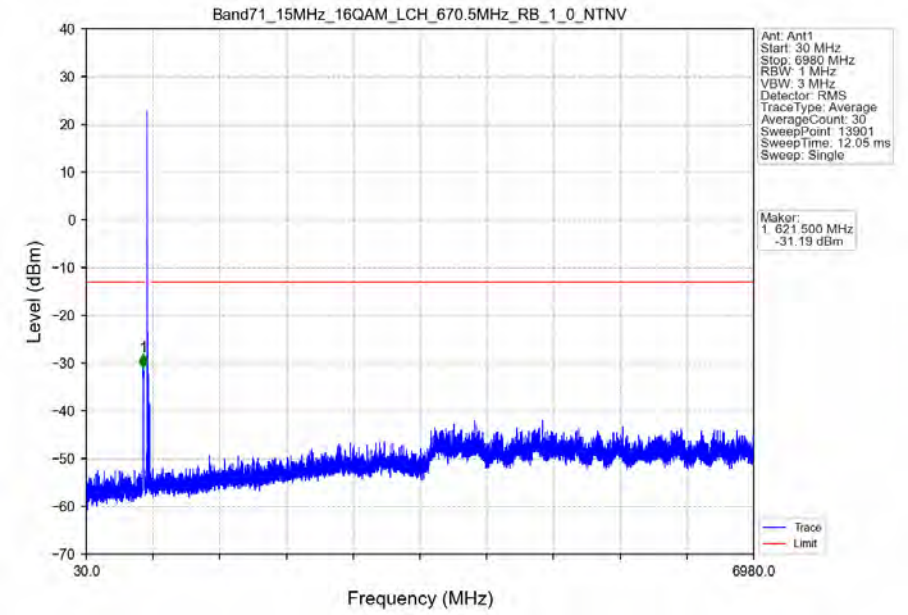
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.151	/	/	/	/	/	/
698	699	0.151	/	1	698.390	-33.55	-13	Pass
699	713	0.1	/	2	701.000	-34.83	-13	Pass

Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV

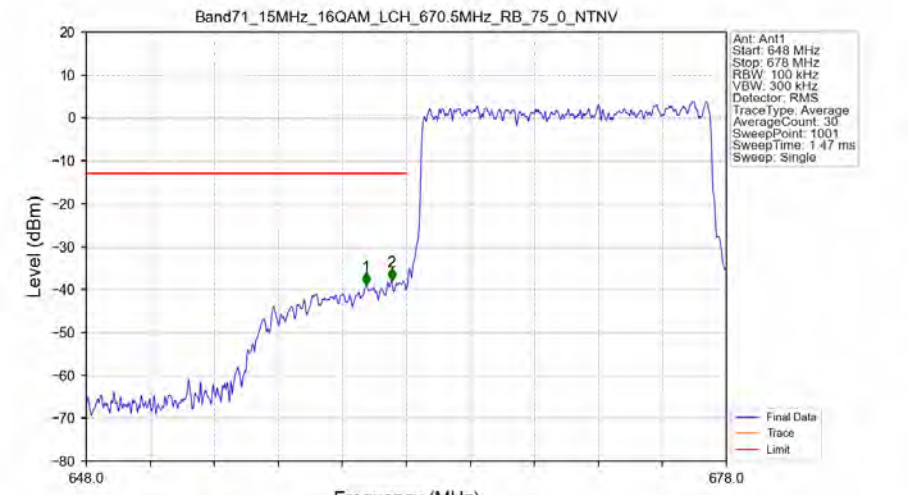


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	CHP	1	657.213	-53.27	-13	Pass
662	663	0.003	/	2	662.999	-48.70	-13	Pass
663	678	0.003	/	/	/	/	/	/

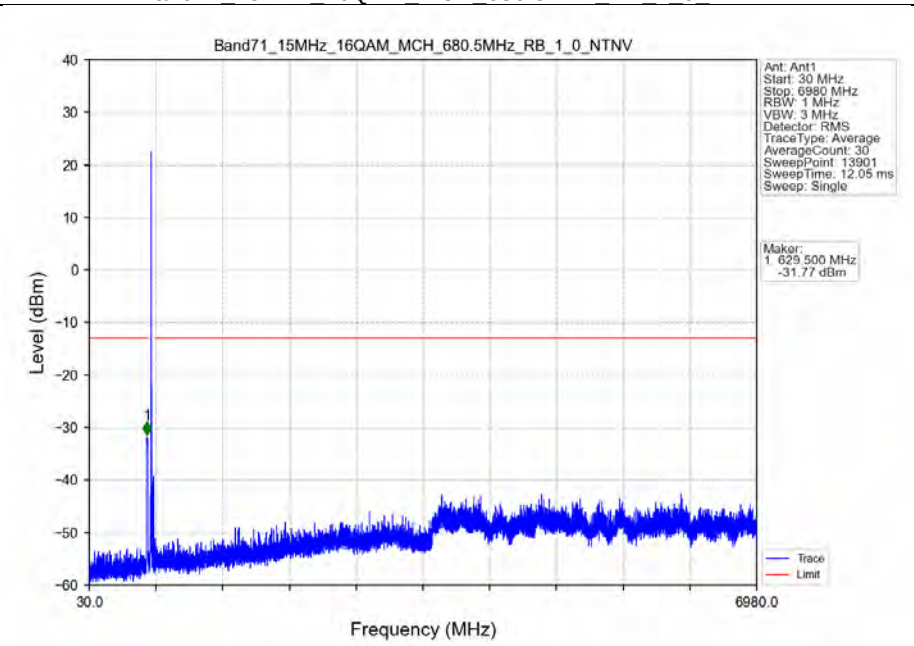
Band71_15MHz_16QAM_LCH_670.5MHz_RB_1_0_NTNV

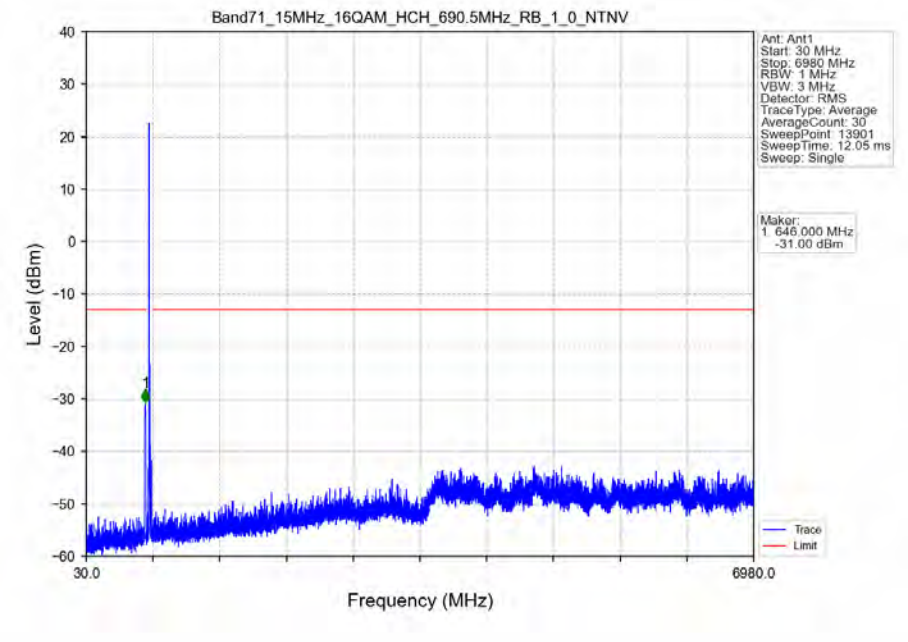


Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV

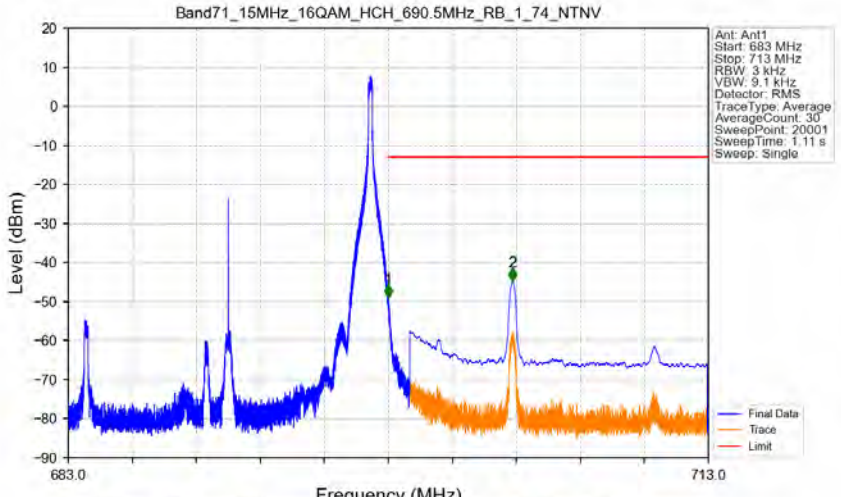


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.110	-39.15	-13	Pass
662	663	0.149	/	2	662.310	-38.03	-13	Pass
663	678	0.149	/	/	/	/	/	/

Band71_15MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV


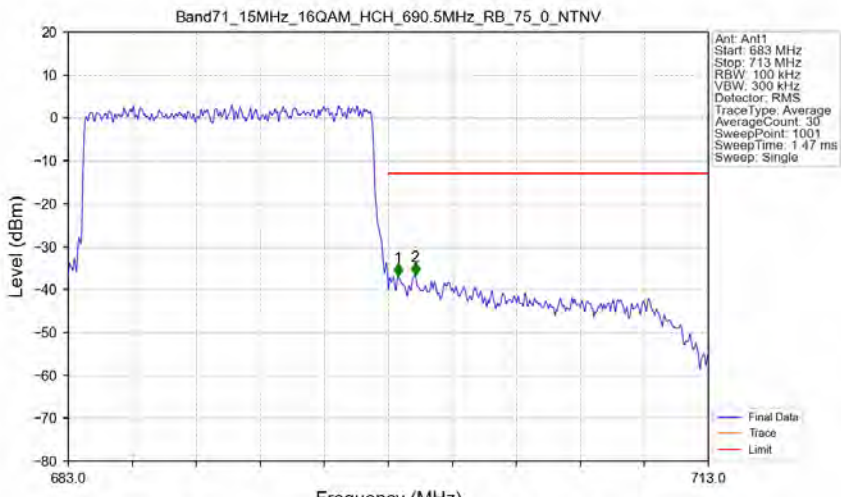
Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_0_NTNV


Band71_15MHz_16QAM_HCH_690.5MHz_RB_1_74_NTNV



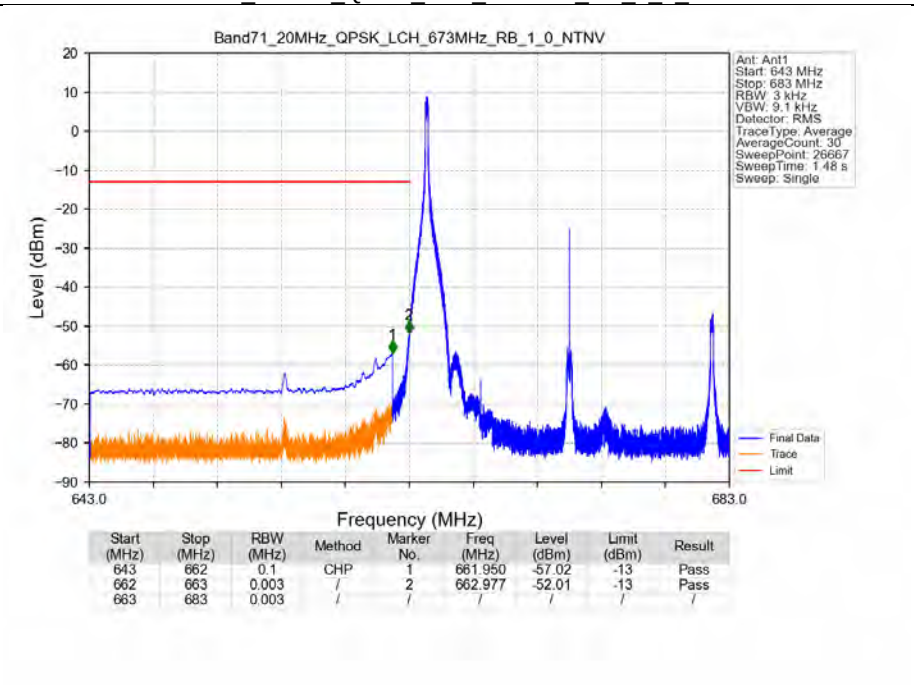
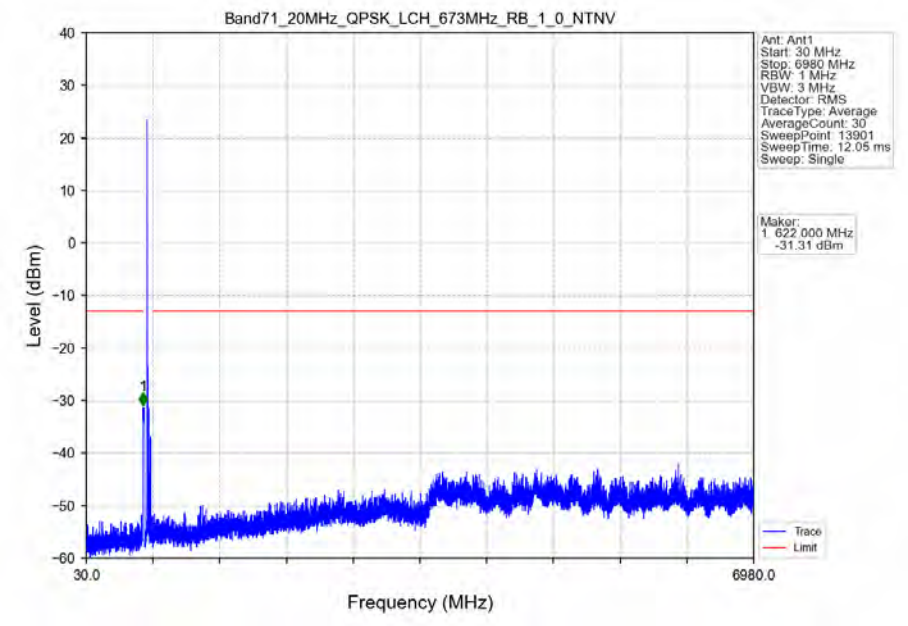
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.000	-49.14	-13	Pass
699	713	0.1	CHP	2	703.816	-44.77	-13	Pass

Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



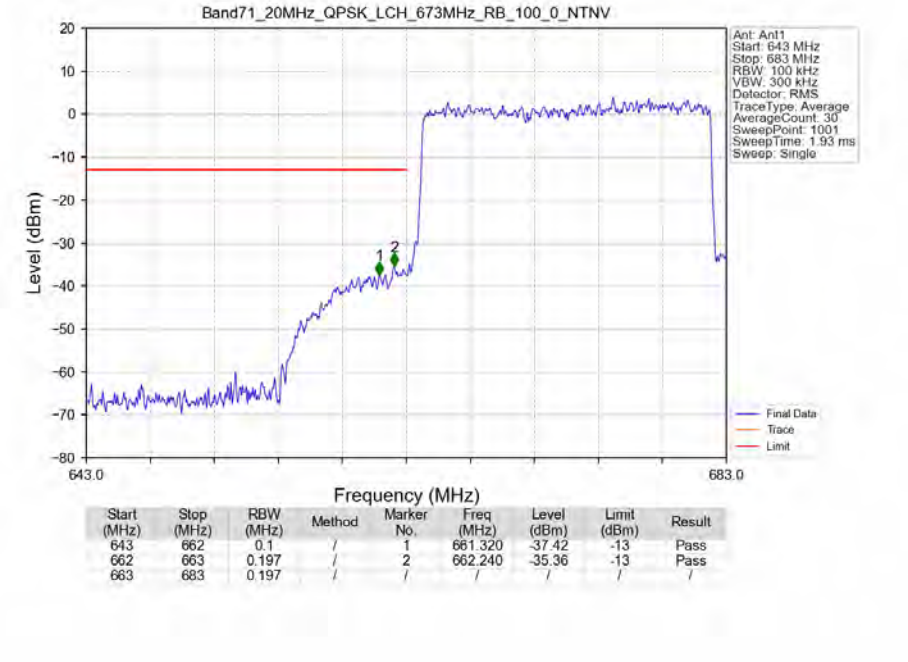
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.149	/	/	/	/	/	/
698	699	0.149	/	1	698.450	-37.03	-13	Pass
699	713	0.1	/	2	699.260	-36.79	-13	Pass

5.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV


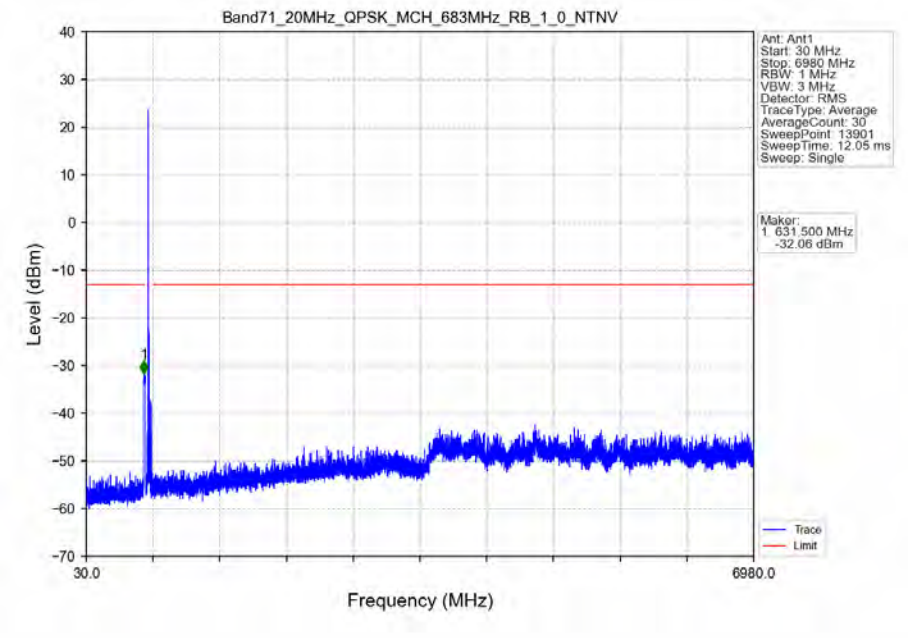
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	CHP	1	661.950	-57.02	-13	Pass
662	663	0.003	/	2	662.977	-52.01	-13	Pass
663	683	0.003	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

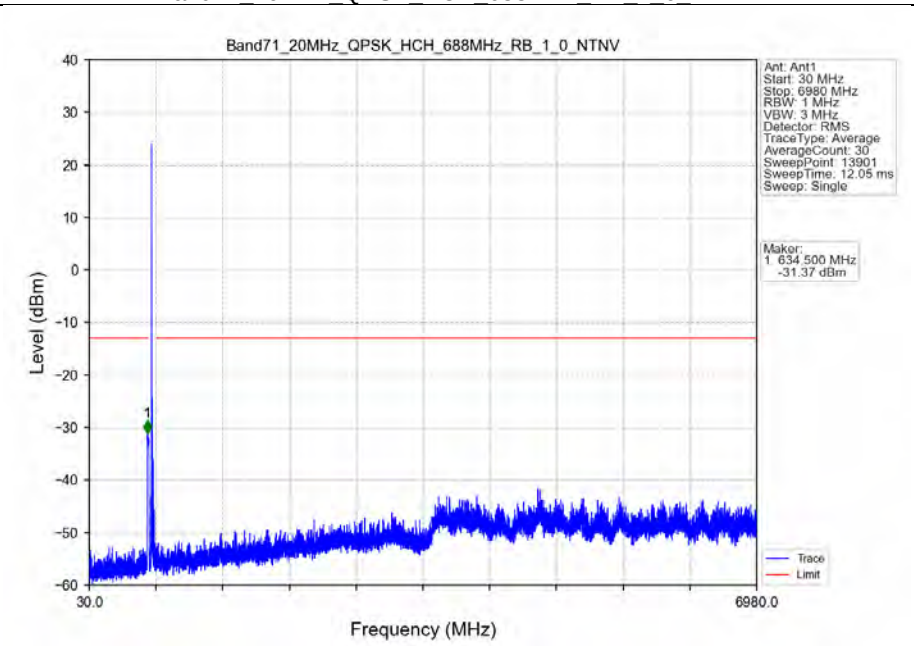


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	661.320	-37.42	-13	Pass
662	663	0.197	/	2	662.240	-35.36	-13	Pass
663	683	0.197	/	/	/	/	/	/

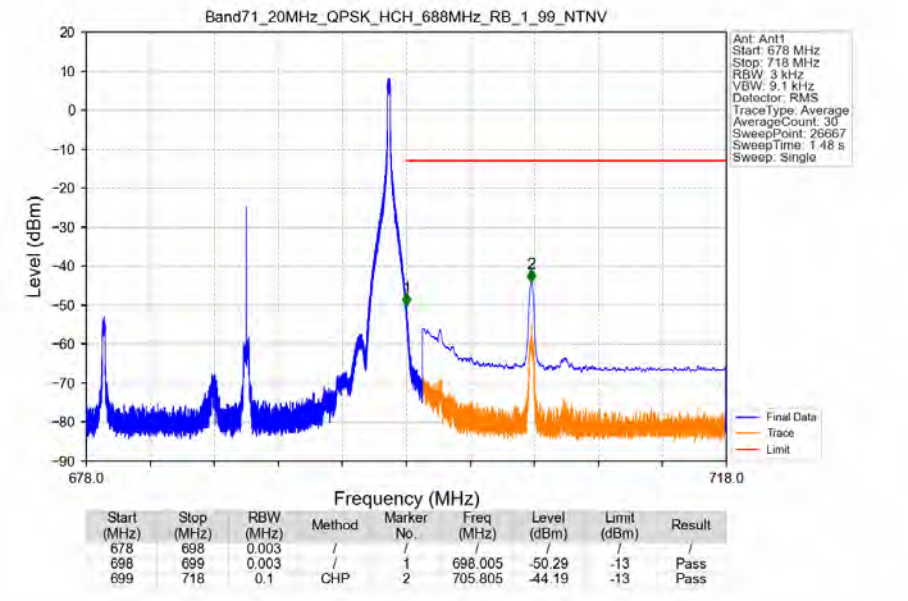
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

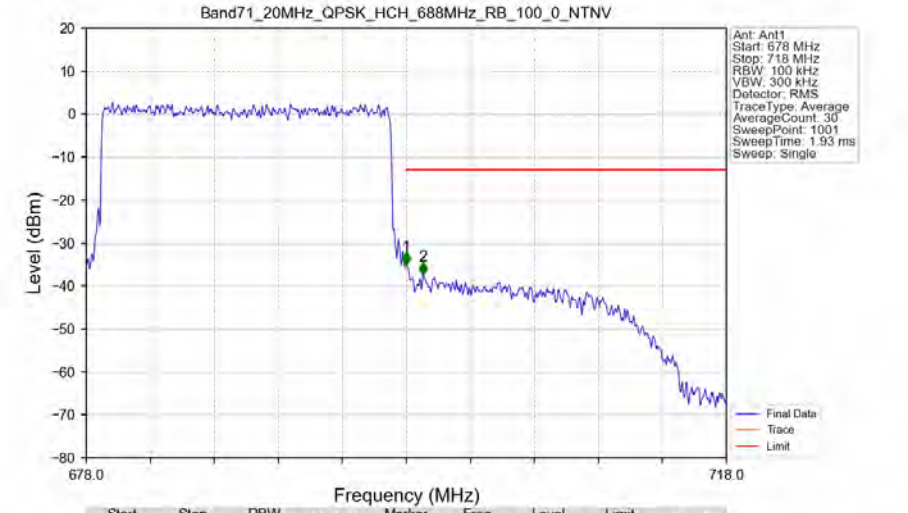


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



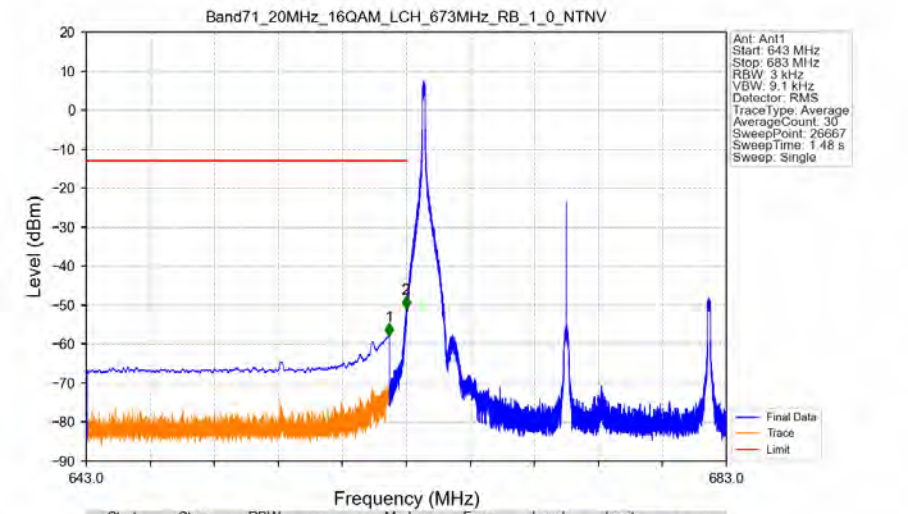
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.005	-50.29	-13	Pass
699	718	0.1	CHP	2	705.805	-44.19	-13	Pass

Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



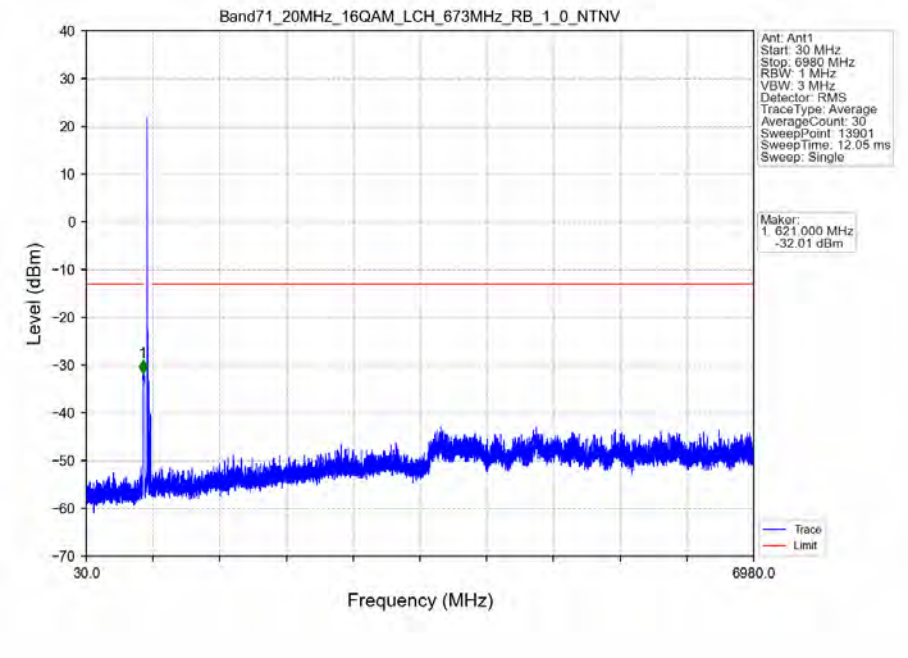
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.198	/	/	/	/	/	/
698	699	0.198	/	1	698.000	-35.27	-13	Pass
699	718	0.1	/	2	699.040	-37.56	-13	Pass

Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV

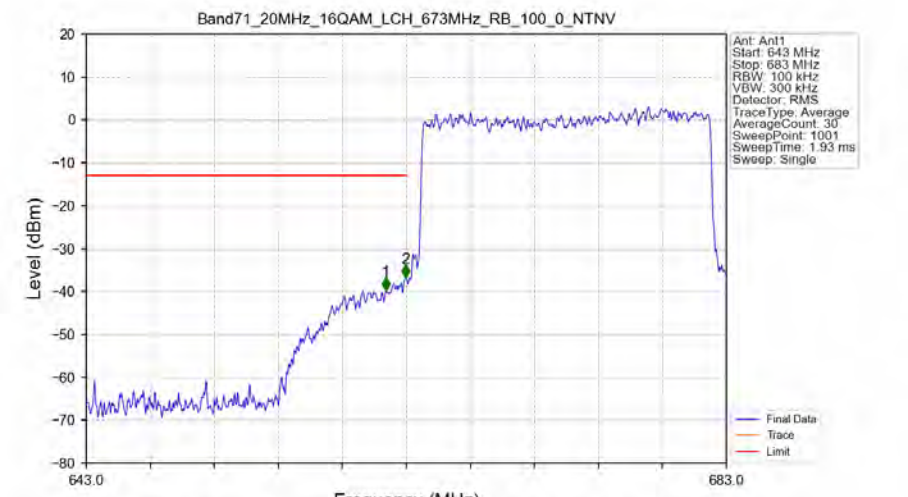


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	CHP	1	661.930	-57.89	-13	Pass
662	663	0.003	/	2	662.981	-50.93	-13	Pass
663	683	0.003	/	/	/	/	/	/

Band71_20MHz_16QAM_LCH_673MHz_RB_1_0_NTNV

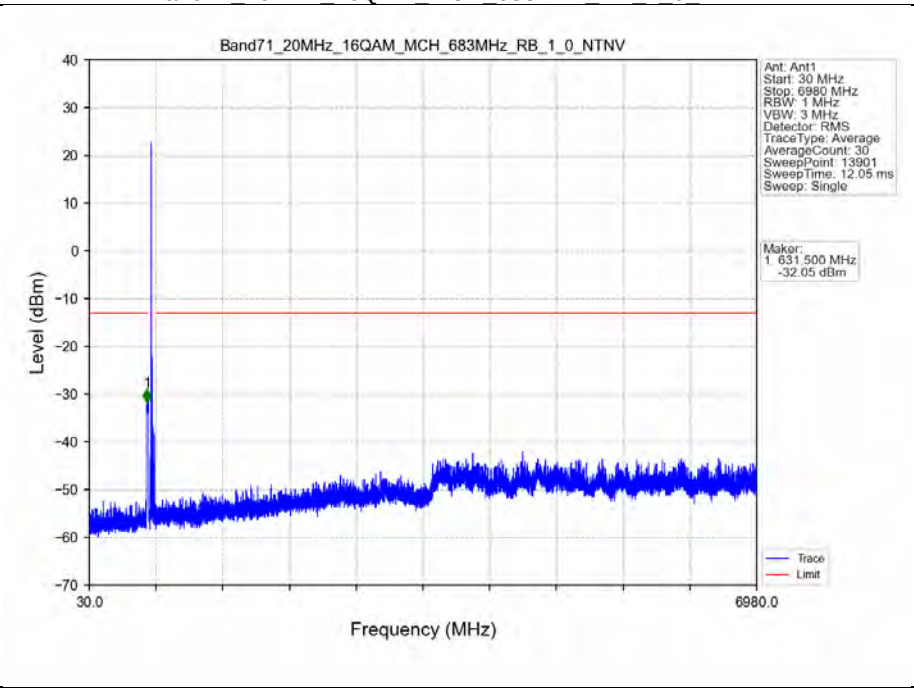


Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV

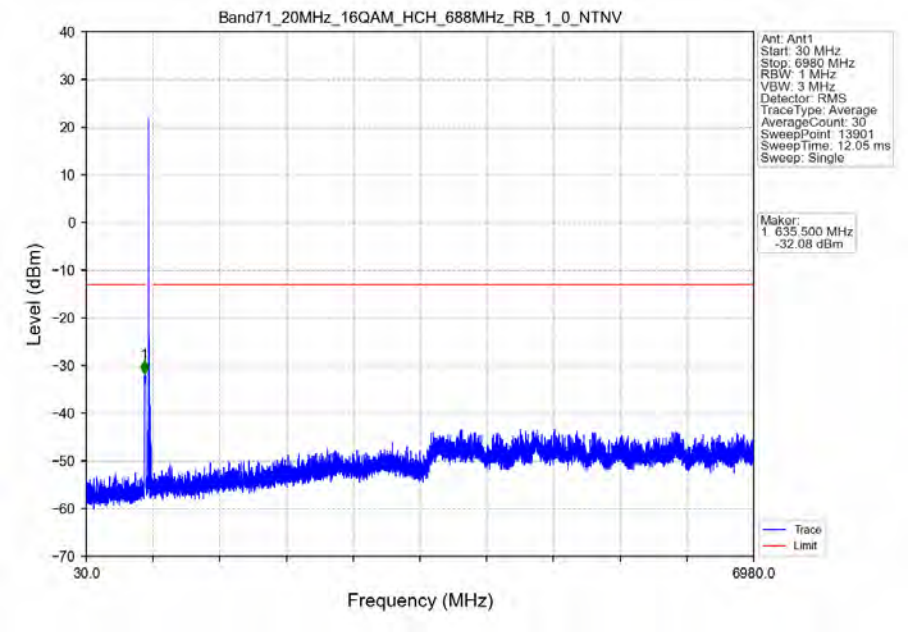


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	661.720	-39.81	-13	Pass
662	663	0.197	/	2	662.960	-36.75	-13	Pass
663	683	0.197	/	/	/	/	/	/

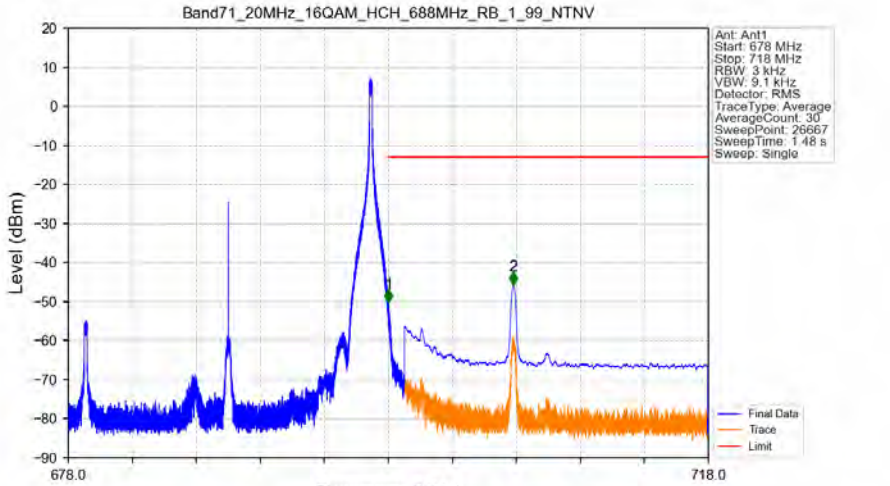
Band71_20MHz_16QAM_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_1_0_NTNV

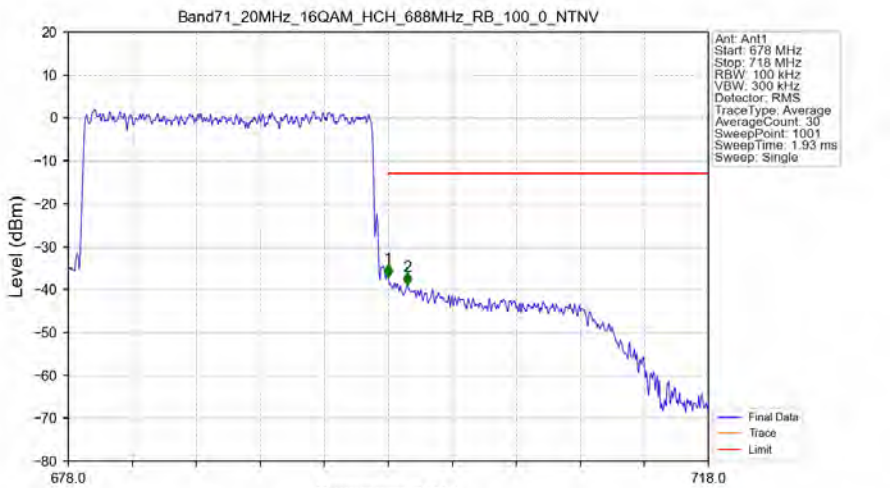


Band71_20MHz_16QAM_HCH_688MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.006	-50.25	-13	Pass
699	718	0.1	CHP	2	705.812	-45.83	-13	Pass

Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.198	/	/	/	/	/	/
698	699	0.198	/	1	698.000	-37.18	-13	Pass
699	718	0.1	/	2	699.200	-39.08	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 71-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1328.0	-68.69	-13	-55.69	-71.6	1.88	4.79	Horizontal	Pass
1992.0	-61.62	-13	-48.62	-63.92	2.34	4.64	Horizontal	Pass
2656.0	-61.11	-13	-48.11	-64.52	2.75	6.16	Horizontal	Pass
1328.0	-68.36	-13	-55.36	-71.27	1.88	4.79	Vertical	Pass
1992.0	-61.37	-13	-48.37	-63.67	2.34	4.64	Vertical	Pass
2656.0	-60.96	-13	-47.96	-64.37	2.75	6.16	Vertical	Pass

LTE Band 71-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1348.0	-70.73	-13	-57.73	-73.76	1.89	4.92	Horizontal	Pass
2022.0	-61.62	-13	-48.62	-63.93	2.36	4.67	Horizontal	Pass
2696.0	-61.15	-13	-48.15	-64.62	2.78	6.25	Horizontal	Pass
1348.0	-70.59	-13	-57.59	-73.62	1.89	4.92	Vertical	Pass
2022.0	-61.07	-13	-48.07	-63.38	2.36	4.67	Vertical	Pass
2696.0	-60.7	-13	-47.7	-64.17	2.78	6.25	Vertical	Pass

LTE Band 71-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1358.0	-68.15	-13	-55.15	-71.23	1.9	4.98	Horizontal	Pass
2037.0	-60.9	-13	-47.9	-63.24	2.37	4.71	Horizontal	Pass
2716.0	-60.94	-13	-47.94	-64.45	2.79	6.3	Horizontal	Pass
1358.0	-67.5	-13	-54.5	-70.58	1.9	4.98	Vertical	Pass
2037.0	-60.42	-13	-47.42	-62.76	2.37	4.71	Vertical	Pass
2716.0	-60.41	-13	-47.41	-63.92	2.79	6.3	Vertical	Pass