

Appendix - band_71

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	22.09	-1.37	18.57	<=34.77	Pass
			13	21.98	-1.37	18.46	<=34.77	Pass
			24	22.10	-1.37	18.58	<=34.77	Pass
		12	0	21.06	-1.37	17.54	<=34.77	Pass
			6	21.03	-1.37	17.51	<=34.77	Pass
			13	21.14	-1.37	17.62	<=34.77	Pass
		25	0	21.06	-1.37	17.54	<=34.77	Pass
	680.5	1	0	21.96	-1.37	18.44	<=34.77	Pass
			13	21.96	-1.37	18.44	<=34.77	Pass
			24	21.95	-1.37	18.43	<=34.77	Pass
		12	0	20.94	-1.37	17.42	<=34.77	Pass
			6	20.91	-1.37	17.39	<=34.77	Pass
			13	20.96	-1.37	17.44	<=34.77	Pass
		25	0	20.88	-1.37	17.36	<=34.77	Pass
	695.5	1	0	21.56	-1.37	18.04	<=34.77	Pass
			13	21.60	-1.37	18.08	<=34.77	Pass
			24	21.63	-1.37	18.11	<=34.77	Pass
		12	0	20.56	-1.37	17.04	<=34.77	Pass
			6	20.65	-1.37	17.13	<=34.77	Pass
			13	20.61	-1.37	17.09	<=34.77	Pass
		25	0	20.58	-1.37	17.06	<=34.77	Pass
16QAM	665.5	1	0	21.56	-1.37	18.04	<=34.77	Pass
			13	21.66	-1.37	18.14	<=34.77	Pass
			24	21.61	-1.37	18.09	<=34.77	Pass
		12	0	20.05	-1.37	16.53	<=34.77	Pass
			6	20.14	-1.37	16.62	<=34.77	Pass
			13	20.19	-1.37	16.67	<=34.77	Pass
		25	0	20.30	-1.37	16.78	<=34.77	Pass
	680.5	1	0	20.85	-1.37	17.33	<=34.77	Pass
			13	20.72	-1.37	17.20	<=34.77	Pass
			24	20.75	-1.37	17.23	<=34.77	Pass
		12	0	20.36	-1.37	16.84	<=34.77	Pass
			6	20.32	-1.37	16.80	<=34.77	Pass
			13	19.91	-1.37	16.39	<=34.77	Pass
		25	0	20.47	-1.37	16.95	<=34.77	Pass
	695.5	1	0	21.22	-1.37	17.70	<=34.77	Pass
			13	21.20	-1.37	17.68	<=34.77	Pass
			24	21.29	-1.37	17.77	<=34.77	Pass
		12	0	19.79	-1.37	16.27	<=34.77	Pass
			6	19.73	-1.37	16.21	<=34.77	Pass
			13	19.72	-1.37	16.20	<=34.77	Pass
		25	0	19.71	-1.37	16.19	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTN/V									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	668	1	0	22.00	-1.37	18.48	<=34.77	Pass	
			25	22.11	-1.37	18.59	<=34.77	Pass	
			49	22.14	-1.37	18.62	<=34.77	Pass	
		25	0	21.17	-1.37	17.65	<=34.77	Pass	
			13	21.00	-1.37	17.48	<=34.77	Pass	
			25	20.95	-1.37	17.43	<=34.77	Pass	
		50	0	20.91	-1.37	17.39	<=34.77	Pass	
		680.5	1	0	21.91	-1.37	18.39	<=34.77	Pass
				25	21.92	-1.37	18.40	<=34.77	Pass
	49			21.86	-1.37	18.34	<=34.77	Pass	
	25		0	21.02	-1.37	17.50	<=34.77	Pass	
			13	20.88	-1.37	17.36	<=34.77	Pass	
			25	20.87	-1.37	17.35	<=34.77	Pass	
	50		0	20.76	-1.37	17.24	<=34.77	Pass	
	693		1	0	21.81	-1.37	18.29	<=34.77	Pass
				25	21.69	-1.37	18.17	<=34.77	Pass
		49		21.61	-1.37	18.09	<=34.77	Pass	
		25	0	20.78	-1.37	17.26	<=34.77	Pass	
			13	20.75	-1.37	17.23	<=34.77	Pass	
			25	20.65	-1.37	17.13	<=34.77	Pass	
		50	0	20.82	-1.37	17.30	<=34.77	Pass	
16QAM		668	1	0	21.37	-1.37	17.85	<=34.77	Pass
				25	21.40	-1.37	17.88	<=34.77	Pass
	49			21.36	-1.37	17.84	<=34.77	Pass	
	25		0	20.19	-1.37	16.67	<=34.77	Pass	
			13	20.61	-1.37	17.09	<=34.77	Pass	
			25	20.26	-1.37	16.74	<=34.77	Pass	
	50		0	20.54	-1.37	17.02	<=34.77	Pass	
	680.5		1	0	21.09	-1.37	17.57	<=34.77	Pass
				25	21.01	-1.37	17.49	<=34.77	Pass
		49		20.94	-1.37	17.42	<=34.77	Pass	
		25	0	19.84	-1.37	16.32	<=34.77	Pass	
			13	20.31	-1.37	16.79	<=34.77	Pass	
			25	19.79	-1.37	16.27	<=34.77	Pass	
		50	0	20.36	-1.37	16.84	<=34.77	Pass	
		693	1	0	21.23	-1.37	17.71	<=34.77	Pass
				25	21.21	-1.37	17.69	<=34.77	Pass
	49			21.15	-1.37	17.63	<=34.77	Pass	
	25		0	20.41	-1.37	16.89	<=34.77	Pass	
			13	19.94	-1.37	16.42	<=34.77	Pass	
			25	19.84	-1.37	16.32	<=34.77	Pass	
	50		0	19.81	-1.37	16.29	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	21.91	-1.37	18.39	<=34.77	Pass
			38	21.91	-1.37	18.39	<=34.77	Pass
			74	21.87	-1.37	18.35	<=34.77	Pass
		36	0	20.91	-1.37	17.39	<=34.77	Pass
			18	20.93	-1.37	17.41	<=34.77	Pass
			39	20.94	-1.37	17.42	<=34.77	Pass

16QAM	680.5	75	0	20.98	-1.37	17.46	<=34.77	Pass
			0	22.05	-1.37	18.53	<=34.77	Pass
			38	21.89	-1.37	18.37	<=34.77	Pass
		36	74	21.87	-1.37	18.35	<=34.77	Pass
			0	21.05	-1.37	17.53	<=34.77	Pass
			18	20.87	-1.37	17.35	<=34.77	Pass
			39	20.88	-1.37	17.36	<=34.77	Pass
		75	0	20.78	-1.37	17.26	<=34.77	Pass
			0	22.12	-1.37	18.60	<=34.77	Pass
	690.5	1	38	21.97	-1.37	18.45	<=34.77	Pass
			74	21.91	-1.37	18.39	<=34.77	Pass
			0	20.83	-1.37	17.31	<=34.77	Pass
		36	18	20.60	-1.37	17.08	<=34.77	Pass
			39	20.60	-1.37	17.08	<=34.77	Pass
			0	20.70	-1.37	17.18	<=34.77	Pass
		75	0	21.43	-1.37	17.91	<=34.77	Pass
			38	21.34	-1.37	17.82	<=34.77	Pass
			74	21.51	-1.37	17.99	<=34.77	Pass
16QAM	670.5	1	0	20.44	-1.37	16.92	<=34.77	Pass
			18	20.03	-1.37	16.51	<=34.77	Pass
			39	20.46	-1.37	16.94	<=34.77	Pass
		36	0	19.89	-1.37	16.37	<=34.77	Pass
			0	21.62	-1.37	18.10	<=34.77	Pass
			38	21.57	-1.37	18.05	<=34.77	Pass
		75	74	21.64	-1.37	18.12	<=34.77	Pass
			0	20.05	-1.37	16.53	<=34.77	Pass
			18	20.46	-1.37	16.94	<=34.77	Pass
	680.5	1	39	20.45	-1.37	16.93	<=34.77	Pass
			0	20.42	-1.37	16.90	<=34.77	Pass
			0	21.14	-1.37	17.62	<=34.77	Pass
		36	38	21.14	-1.37	17.62	<=34.77	Pass
			74	21.18	-1.37	17.66	<=34.77	Pass
			0	20.36	-1.37	16.84	<=34.77	Pass
		75	18	20.32	-1.37	16.80	<=34.77	Pass
			39	19.78	-1.37	16.26	<=34.77	Pass
			0	20.26	-1.37	16.74	<=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	21.99	-1.37	18.47	<=34.77	Pass
			50	22.03	-1.37	18.51	<=34.77	Pass
			99	21.93	-1.37	18.41	<=34.77	Pass
		50	0	20.84	-1.37	17.32	<=34.77	Pass
			25	20.93	-1.37	17.41	<=34.77	Pass
			50	21.05	-1.37	17.53	<=34.77	Pass
		100	0	20.91	-1.37	17.39	<=34.77	Pass
			0	21.88	-1.37	18.36	<=34.77	Pass
			50	21.90	-1.37	18.38	<=34.77	Pass
	683	1	99	21.86	-1.37	18.34	<=34.77	Pass
			0	20.91	-1.37	17.39	<=34.77	Pass
			25	20.87	-1.37	17.35	<=34.77	Pass
		50	50	21.00	-1.37	17.48	<=34.77	Pass
			0	20.84	-1.37	17.32	<=34.77	Pass
			0	21.92	-1.37	18.40	<=34.77	Pass
		100	0					

16QAM			50	21.87	-1.37	18.35	<=34.77	Pass
			99	21.75	-1.37	18.23	<=34.77	Pass
		50	0	20.91	-1.37	17.39	<=34.77	Pass
			25	20.95	-1.37	17.43	<=34.77	Pass
			50	20.85	-1.37	17.33	<=34.77	Pass
		100	0	20.99	-1.37	17.47	<=34.77	Pass
	673	1	0	21.57	-1.37	18.05	<=34.77	Pass
			50	21.55	-1.37	18.03	<=34.77	Pass
			99	21.50	-1.37	17.98	<=34.77	Pass
		50	0	20.42	-1.37	16.90	<=34.77	Pass
			25	20.43	-1.37	16.91	<=34.77	Pass
			50	20.00	-1.37	16.48	<=34.77	Pass
		100	0	20.52	-1.37	17.00	<=34.77	Pass
	683	1	0	21.70	-1.37	18.18	<=34.77	Pass
			50	21.66	-1.37	18.14	<=34.77	Pass
			99	21.67	-1.37	18.15	<=34.77	Pass
		50	0	20.11	-1.37	16.59	<=34.77	Pass
			25	20.03	-1.37	16.51	<=34.77	Pass
			50	20.46	-1.37	16.94	<=34.77	Pass
		100	0	19.88	-1.37	16.36	<=34.77	Pass
	688	1	0	21.04	-1.37	17.52	<=34.77	Pass
			50	20.99	-1.37	17.47	<=34.77	Pass
			99	20.80	-1.37	17.28	<=34.77	Pass
		50	0	20.46	-1.37	16.94	<=34.77	Pass
			25	20.36	-1.37	16.84	<=34.77	Pass
			50	20.09	-1.37	16.57	<=34.77	Pass
		100	0	20.38	-1.37	16.86	<=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	-17.724	-0.0266	-2.5 to 2.5	Pass
					3.85	2.060	0.0031	-2.5 to 2.5	Pass
					4.43	23.088	0.0347	-2.5 to 2.5	Pass
				-30	3.85	42.601	0.0640	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	11.644	0.0175	-2.5 to 2.5	Pass
				0	3.85	22.488	0.0338	-2.5 to 2.5	Pass
				10	3.85	32.086	0.0482	-2.5 to 2.5	Pass
				30	3.85	42.915	0.0645	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0041	-2.5 to 2.5	Pass
				50	3.85	4.792	0.0072	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-23.561	-0.0346	-2.5 to 2.5	Pass
					3.85	8.512	0.0125	-2.5 to 2.5	Pass
					4.43	7.024	0.0103	-2.5 to 2.5	Pass
				-30	3.85	5.436	0.0080	-2.5 to 2.5	Pass
				-20	3.85	13.018	0.0191	-2.5 to 2.5	Pass
				-10	3.85	16.508	0.0243	-2.5 to 2.5	Pass
				0	3.85	12.546	0.0184	-2.5 to 2.5	Pass
				10	3.85	11.816	0.0174	-2.5 to 2.5	Pass

16QAM	695.5	25	0	30	3.85	0.901	0.0013	-2.5 to 2.5	Pass
				40	3.85	41.599	0.0611	-2.5 to 2.5	Pass
				50	3.85	28.768	0.0423	-2.5 to 2.5	Pass
				20	3.27	-31.886	-0.0458	-2.5 to 2.5	Pass
					3.85	-43.201	-0.0621	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-28.954	-0.0416	-2.5 to 2.5	Pass
				-20	3.85	-45.161	-0.0649	-2.5 to 2.5	Pass
				-10	3.85	-11.787	-0.0169	-2.5 to 2.5	Pass
				0	3.85	-26.121	-0.0376	-2.5 to 2.5	Pass
				10	3.85	-39.711	-0.0571	-2.5 to 2.5	Pass
				30	3.85	-49.639	-0.0714	-2.5 to 2.5	Pass
				40	3.85	-1.345	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-10.400	-0.0150	-2.5 to 2.5	Pass
	665.5	25	0	20	3.27	9.642	0.0145	-2.5 to 2.5	Pass
					3.85	0.916	0.0014	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-10.386	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	-14.162	-0.0213	-2.5 to 2.5	Pass
				-10	3.85	-16.737	-0.0251	-2.5 to 2.5	Pass
				0	3.85	-22.602	-0.0340	-2.5 to 2.5	Pass
				10	3.85	-25.234	-0.0379	-2.5 to 2.5	Pass
				30	3.85	-26.522	-0.0399	-2.5 to 2.5	Pass
				40	3.85	-27.580	-0.0414	-2.5 to 2.5	Pass
				50	3.85	-28.396	-0.0427	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	17.109	0.0251	-2.5 to 2.5	Pass
					3.85	45.290	0.0666	-2.5 to 2.5	Pass
					4.43	19.426	0.0285	-2.5 to 2.5	Pass
				-30	3.85	44.017	0.0647	-2.5 to 2.5	Pass
				-20	3.85	12.074	0.0177	-2.5 to 2.5	Pass
				-10	3.85	36.206	0.0532	-2.5 to 2.5	Pass
				0	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
				10	3.85	20.113	0.0296	-2.5 to 2.5	Pass
				30	3.85	42.014	0.0617	-2.5 to 2.5	Pass
				40	3.85	6.809	0.0100	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-21.944	-0.0316	-2.5 to 2.5	Pass
					3.85	-47.565	-0.0684	-2.5 to 2.5	Pass
					4.43	-16.551	-0.0238	-2.5 to 2.5	Pass
				-30	3.85	-34.132	-0.0491	-2.5 to 2.5	Pass
				-20	3.85	-29.855	-0.0429	-2.5 to 2.5	Pass
				-10	3.85	-12.403	-0.0178	-2.5 to 2.5	Pass
				0	3.85	-27.123	-0.0390	-2.5 to 2.5	Pass
				10	3.85	-40.197	-0.0578	-2.5 to 2.5	Pass
				30	3.85	-50.526	-0.0726	-2.5 to 2.5	Pass
				40	3.85	-8.125	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-18.983	-0.0273	-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	9.556	0.0143	-2.5 to 2.5	Pass
					3.85	14.205	0.0213	-2.5 to 2.5	Pass
					4.43	0.687	0.0010	-2.5 to 2.5	Pass
				-30	3.85	38.638	0.0578	-2.5 to 2.5	Pass
				-20	3.85	25.105	0.0376	-2.5 to 2.5	Pass

16QAM				-10	3.85	51.055	0.0764	-2.5 to 2.5	Pass
				0	3.85	20.285	0.0304	-2.5 to 2.5	Pass
				10	3.85	37.293	0.0558	-2.5 to 2.5	Pass
				30	3.85	51.513	0.0771	-2.5 to 2.5	Pass
				40	3.85	9.885	0.0148	-2.5 to 2.5	Pass
				50	3.85	19.755	0.0296	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-17.381	-0.0255	-2.5 to 2.5	Pass
					3.85	29.540	0.0434	-2.5 to 2.5	Pass
					4.43	28.639	0.0421	-2.5 to 2.5	Pass
				-30	3.85	47.293	0.0695	-2.5 to 2.5	Pass
				-20	3.85	6.752	0.0099	-2.5 to 2.5	Pass
				-10	3.85	18.525	0.0272	-2.5 to 2.5	Pass
				0	3.85	28.682	0.0421	-2.5 to 2.5	Pass
				10	3.85	33.545	0.0493	-2.5 to 2.5	Pass
				30	3.85	27.795	0.0408	-2.5 to 2.5	Pass
				40	3.85	22.230	0.0327	-2.5 to 2.5	Pass
				50	3.85	21.429	0.0315	-2.5 to 2.5	Pass
				20	3.27	-53.272	-0.0769	-2.5 to 2.5	Pass
					3.85	-47.092	-0.0680	-2.5 to 2.5	Pass
					4.43	-32.058	-0.0463	-2.5 to 2.5	Pass
	693	50	0	-30	3.85	-6.466	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-33.045	-0.0477	-2.5 to 2.5	Pass
				-10	3.85	-51.985	-0.0750	-2.5 to 2.5	Pass
				0	3.85	-13.232	-0.0191	-2.5 to 2.5	Pass
				10	3.85	-26.679	-0.0385	-2.5 to 2.5	Pass
				30	3.85	-32.744	-0.0472	-2.5 to 2.5	Pass
				40	3.85	-48.451	-0.0699	-2.5 to 2.5	Pass
				50	3.85	-7.939	-0.0115	-2.5 to 2.5	Pass
	668	50	0	20	3.27	25.234	0.0378	-2.5 to 2.5	Pass
					3.85	20.070	0.0300	-2.5 to 2.5	Pass
					4.43	13.447	0.0201	-2.5 to 2.5	Pass
				-30	3.85	6.022	0.0090	-2.5 to 2.5	Pass
				-20	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.262	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-5.207	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-4.349	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-7.210	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-7.997	-0.0120	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	9.885	0.0145	-2.5 to 2.5	Pass
					3.85	33.817	0.0497	-2.5 to 2.5	Pass
					4.43	26.908	0.0395	-2.5 to 2.5	Pass
				-30	3.85	22.860	0.0336	-2.5 to 2.5	Pass
				-20	3.85	38.838	0.0571	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0013	-2.5 to 2.5	Pass
				0	3.85	22.202	0.0326	-2.5 to 2.5	Pass
				10	3.85	43.602	0.0641	-2.5 to 2.5	Pass
				30	3.85	7.882	0.0116	-2.5 to 2.5	Pass
				40	3.85	30.527	0.0449	-2.5 to 2.5	Pass
				50	3.85	51.742	0.0760	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-29.540	-0.0426	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0110	-2.5 to 2.5	Pass
					4.43	-25.792	-0.0372	-2.5 to 2.5	Pass
				-30	3.85	-20.185	-0.0291	-2.5 to 2.5	Pass
				-20	3.85	-21.000	-0.0303	-2.5 to 2.5	Pass
				-10	3.85	-16.551	-0.0239	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-41.084	-0.0593	-2.5 to 2.5	Pass
				30	3.85	-20.885	-0.0301	-2.5 to 2.5	Pass
				40	3.85	-51.012	-0.0736	-2.5 to 2.5	Pass

				50	3.85	-25.849	-0.0373	-2.5 to 2.5	Pass
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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	-37.093	-0.0553	-2.5 to 2.5	Pass
					3.85	-11.973	-0.0179	-2.5 to 2.5	Pass
					4.43	-25.649	-0.0383	-2.5 to 2.5	Pass
				-30	3.85	-31.328	-0.0467	-2.5 to 2.5	Pass
				-20	3.85	-30.684	-0.0458	-2.5 to 2.5	Pass
				-10	3.85	-25.964	-0.0387	-2.5 to 2.5	Pass
				0	3.85	-18.983	-0.0283	-2.5 to 2.5	Pass
				10	3.85	-9.098	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				40	3.85	9.542	0.0142	-2.5 to 2.5	Pass
				50	3.85	20.900	0.0312	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	3.834	0.0056	-2.5 to 2.5	Pass
					3.85	22.688	0.0333	-2.5 to 2.5	Pass
					4.43	47.379	0.0696	-2.5 to 2.5	Pass
				-30	3.85	15.221	0.0224	-2.5 to 2.5	Pass
				-20	3.85	41.614	0.0612	-2.5 to 2.5	Pass
				-10	3.85	11.787	0.0173	-2.5 to 2.5	Pass
				0	3.85	33.731	0.0496	-2.5 to 2.5	Pass
				10	3.85	27.094	0.0398	-2.5 to 2.5	Pass
				30	3.85	16.394	0.0241	-2.5 to 2.5	Pass
				40	3.85	43.817	0.0644	-2.5 to 2.5	Pass
				50	3.85	13.433	0.0197	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-18.783	-0.0272	-2.5 to 2.5	Pass
					3.85	-31.228	-0.0452	-2.5 to 2.5	Pass
					4.43	-38.996	-0.0565	-2.5 to 2.5	Pass
				-30	3.85	-43.502	-0.0630	-2.5 to 2.5	Pass
				-20	3.85	-47.207	-0.0684	-2.5 to 2.5	Pass
				-10	3.85	-49.152	-0.0712	-2.5 to 2.5	Pass
				0	3.85	-48.652	-0.0705	-2.5 to 2.5	Pass
				10	3.85	-50.368	-0.0729	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-0.730	-0.0011	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	31.629	0.0472	-2.5 to 2.5	Pass
					3.85	38.166	0.0569	-2.5 to 2.5	Pass
					4.43	44.975	0.0671	-2.5 to 2.5	Pass
				-30	3.85	46.620	0.0695	-2.5 to 2.5	Pass
				-20	3.85	5.064	0.0076	-2.5 to 2.5	Pass
				-10	3.85	12.131	0.0181	-2.5 to 2.5	Pass
				0	3.85	18.640	0.0278	-2.5 to 2.5	Pass
				10	3.85	23.217	0.0346	-2.5 to 2.5	Pass
				30	3.85	30.584	0.0456	-2.5 to 2.5	Pass
				40	3.85	36.793	0.0549	-2.5 to 2.5	Pass
				50	3.85	43.502	0.0649	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	31.099	0.0457	-2.5 to 2.5	Pass
					3.85	37.465	0.0551	-2.5 to 2.5	Pass
					4.43	45.204	0.0664	-2.5 to 2.5	Pass
				-30	3.85	53.244	0.0782	-2.5 to 2.5	Pass
				-20	3.85	9.198	0.0135	-2.5 to 2.5	Pass
				-10	3.85	20.857	0.0306	-2.5 to 2.5	Pass
				0	3.85	32.272	0.0474	-2.5 to 2.5	Pass

				10	3.85	43.359	0.0637	-2.5 to 2.5	Pass
				30	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				40	3.85	12.689	0.0186	-2.5 to 2.5	Pass
				50	3.85	24.347	0.0358	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	0.329	0.0005	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0063	-2.5 to 2.5	Pass
					4.43	-8.168	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-10.772	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	-14.434	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-15.607	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-15.864	-0.0230	-2.5 to 2.5	Pass
				10	3.85	-16.766	-0.0243	-2.5 to 2.5	Pass
				30	3.85	-17.366	-0.0251	-2.5 to 2.5	Pass
				40	3.85	-16.851	-0.0244	-2.5 to 2.5	Pass
				50	3.85	-17.724	-0.0257	-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	-23.675	-0.0352	-2.5 to 2.5	Pass
					3.85	-24.033	-0.0357	-2.5 to 2.5	Pass
					4.43	-31.128	-0.0463	-2.5 to 2.5	Pass
				-30	3.85	-22.445	-0.0334	-2.5 to 2.5	Pass
				-20	3.85	-23.661	-0.0352	-2.5 to 2.5	Pass
				-10	3.85	-41.027	-0.0610	-2.5 to 2.5	Pass
				0	3.85	-13.990	-0.0208	-2.5 to 2.5	Pass
				10	3.85	-21.429	-0.0318	-2.5 to 2.5	Pass
				30	3.85	-24.962	-0.0371	-2.5 to 2.5	Pass
				40	3.85	-19.484	-0.0290	-2.5 to 2.5	Pass
				50	3.85	-3.805	-0.0057	-2.5 to 2.5	Pass
	683	100	0	20	3.27	-3.133	-0.0046	-2.5 to 2.5	Pass
					3.85	-7.482	-0.0110	-2.5 to 2.5	Pass
					4.43	-8.311	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-5.565	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-1.602	-0.0023	-2.5 to 2.5	Pass
				0	3.85	4.249	0.0062	-2.5 to 2.5	Pass
				10	3.85	10.858	0.0159	-2.5 to 2.5	Pass
				30	3.85	19.641	0.0288	-2.5 to 2.5	Pass
				40	3.85	29.511	0.0432	-2.5 to 2.5	Pass
				50	3.85	39.411	0.0577	-2.5 to 2.5	Pass
	688	100	0	20	3.27	-1.316	-0.0019	-2.5 to 2.5	Pass
					3.85	17.123	0.0249	-2.5 to 2.5	Pass
					4.43	36.292	0.0528	-2.5 to 2.5	Pass
				-30	3.85	14.749	0.0214	-2.5 to 2.5	Pass
				-20	3.85	16.408	0.0238	-2.5 to 2.5	Pass
				-10	3.85	34.719	0.0505	-2.5 to 2.5	Pass
				0	3.85	51.785	0.0753	-2.5 to 2.5	Pass
				10	3.85	26.236	0.0381	-2.5 to 2.5	Pass
				30	3.85	45.862	0.0667	-2.5 to 2.5	Pass
				40	3.85	5.751	0.0084	-2.5 to 2.5	Pass
				50	3.85	23.947	0.0348	-2.5 to 2.5	Pass
16QAM	673	100	0	20	3.27	-37.551	-0.0558	-2.5 to 2.5	Pass
					3.85	-11.230	-0.0167	-2.5 to 2.5	Pass
					4.43	-35.892	-0.0533	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0030	-2.5 to 2.5	Pass

				-20	3.85	-21.157	-0.0314	-2.5 to 2.5	Pass
				-10	3.85	-36.192	-0.0538	-2.5 to 2.5	Pass
				0	3.85	-39.053	-0.0580	-2.5 to 2.5	Pass
				10	3.85	-5.250	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-14.935	-0.0222	-2.5 to 2.5	Pass
				40	3.85	-23.403	-0.0348	-2.5 to 2.5	Pass
				50	3.85	-29.569	-0.0439	-2.5 to 2.5	Pass
	683	100	0	20	3.27	49.467	0.0724	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0048	-2.5 to 2.5	Pass
					4.43	3.033	0.0044	-2.5 to 2.5	Pass
				-30	3.85	9.813	0.0144	-2.5 to 2.5	Pass
				-20	3.85	18.668	0.0273	-2.5 to 2.5	Pass
				-10	3.85	28.582	0.0418	-2.5 to 2.5	Pass
				0	3.85	37.165	0.0544	-2.5 to 2.5	Pass
				10	3.85	46.635	0.0683	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0054	-2.5 to 2.5	Pass
				40	3.85	15.721	0.0230	-2.5 to 2.5	Pass
				50	3.85	26.193	0.0383	-2.5 to 2.5	Pass
	688	100	0	20	3.27	41.170	0.0598	-2.5 to 2.5	Pass
					3.85	34.862	0.0507	-2.5 to 2.5	Pass
					4.43	7.639	0.0111	-2.5 to 2.5	Pass
				-30	3.85	19.641	0.0285	-2.5 to 2.5	Pass
				-20	3.85	31.857	0.0463	-2.5 to 2.5	Pass
				-10	3.85	45.919	0.0667	-2.5 to 2.5	Pass
				0	3.85	7.238	0.0105	-2.5 to 2.5	Pass
				10	3.85	24.791	0.0360	-2.5 to 2.5	Pass
				30	3.85	39.754	0.0578	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0013	-2.5 to 2.5	Pass
				50	3.85	10.829	0.0157	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B71_5MHz

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 B71_10MHz

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

3.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency	RB Allocation		Modulation Characteristics		Verdict

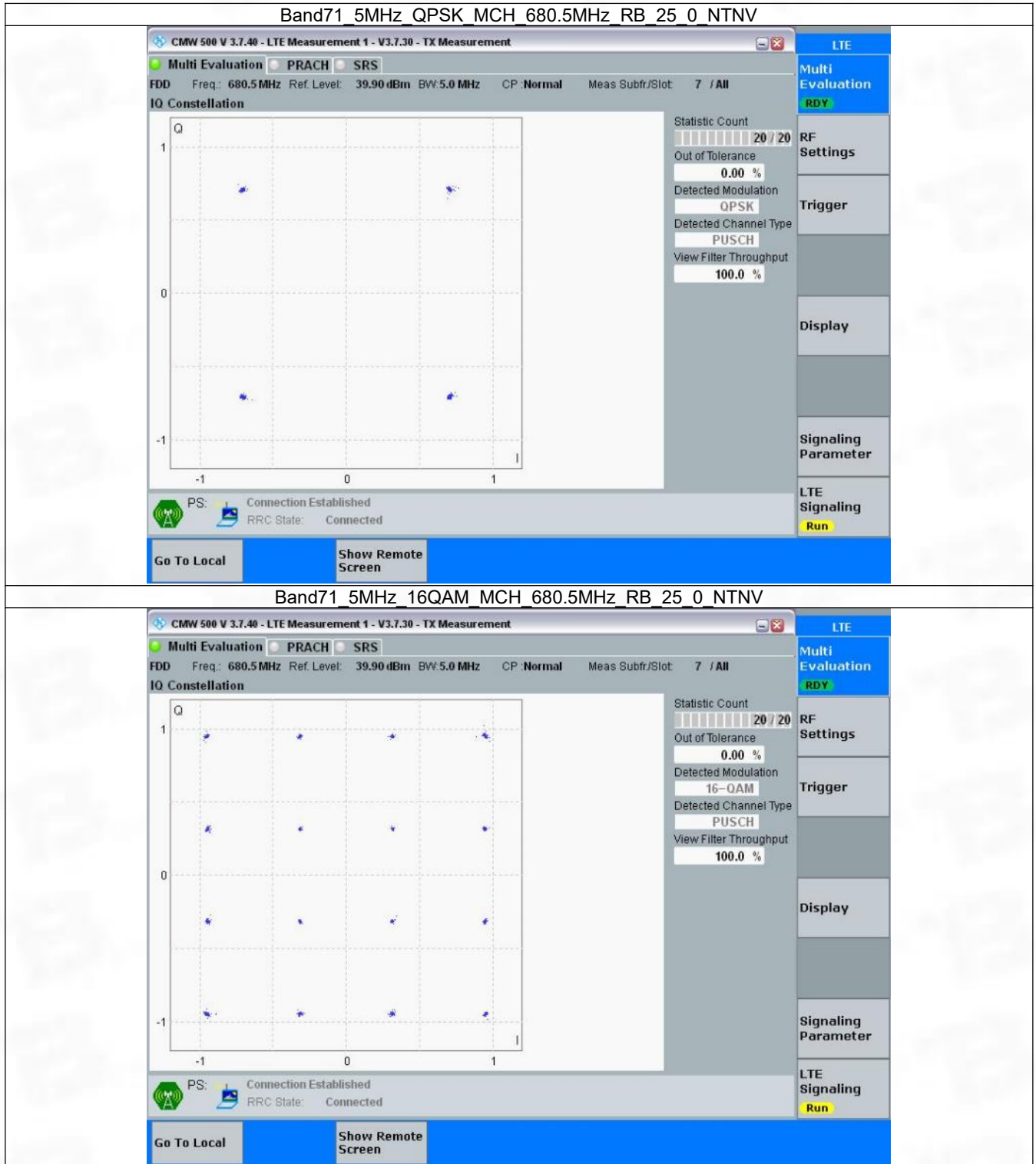
	(MHz)	Size	Offset	Result	Limit	
QPSK	680.5	75	0	Refer To Test Graph		Pass
16QAM	680.5	75	0	Refer To Test Graph		Pass

3.1.4 B71_20MHz

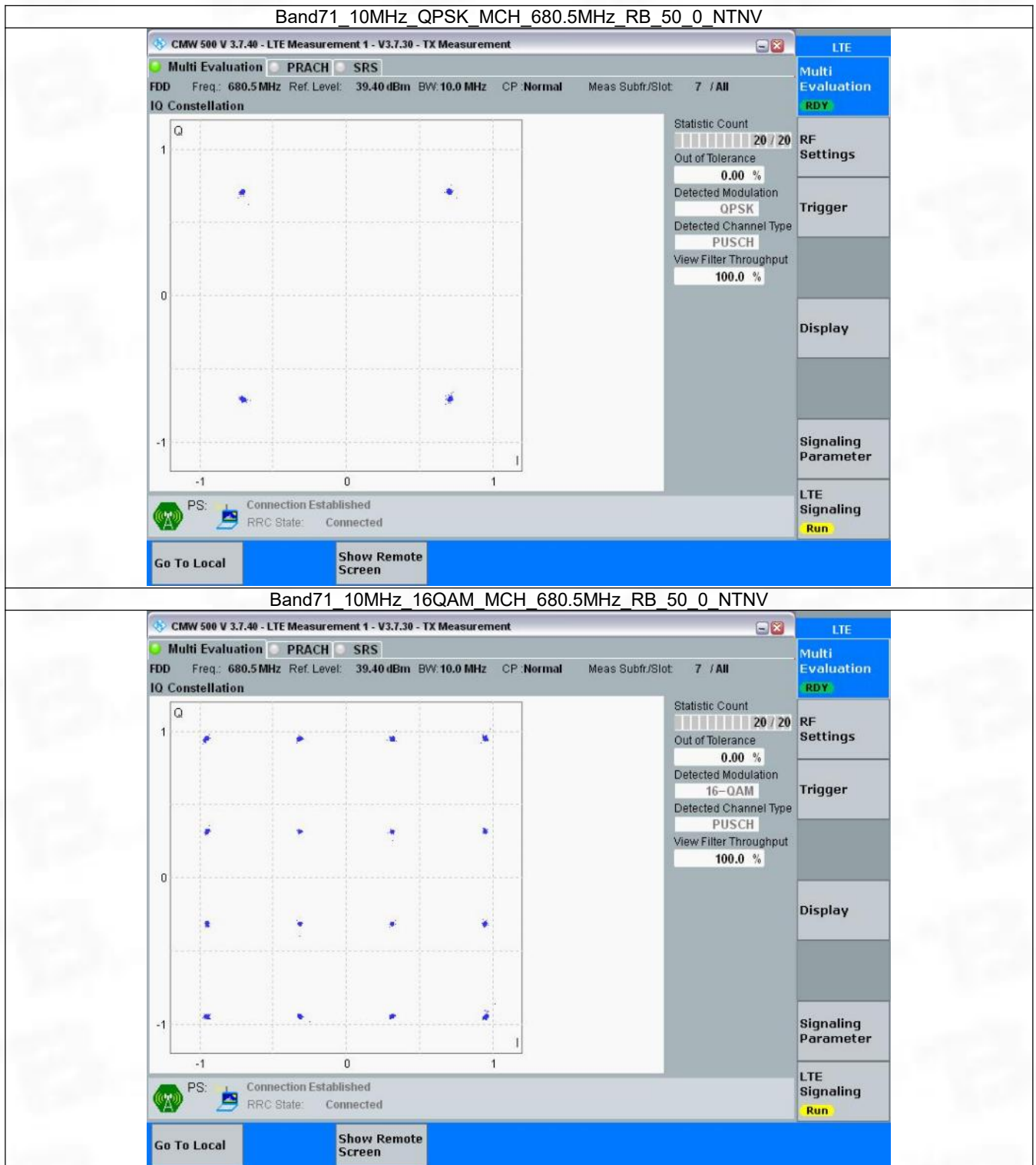
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass

3.2 Test Graph

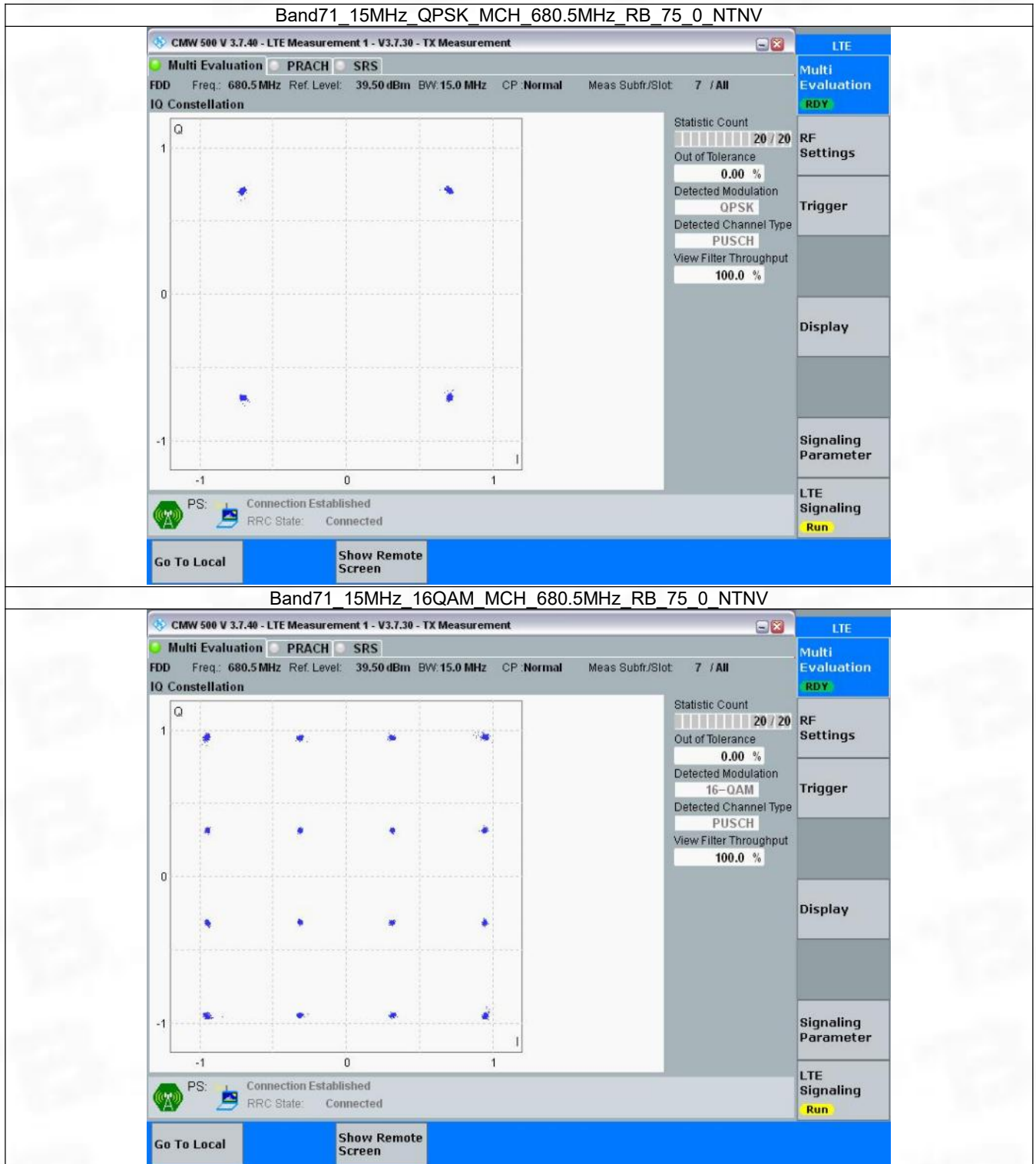
3.2.1 B71_5MHz



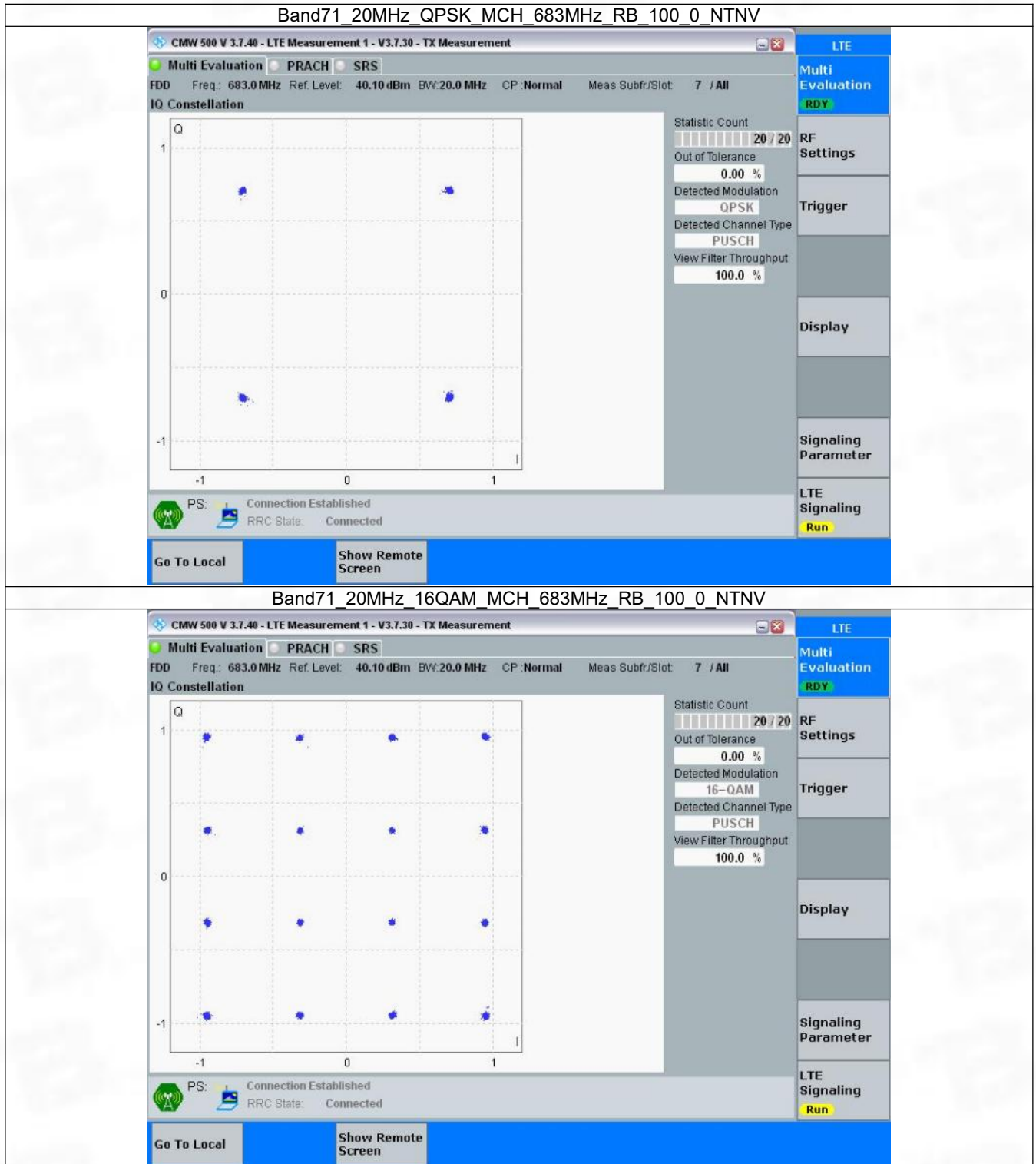
3.2.2 B71_10MHz



3.2.3 B71_15MHz



3.2.4 B71_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band71_OBW

Band: 71 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.556	/	Pass
		680.5	25	0	4.570	/	Pass
		695.5	25	0	4.541	/	Pass
	16QAM	665.5	25	0	4.571	/	Pass
		680.5	25	0	4.565	/	Pass
		695.5	25	0	4.552	/	Pass
10	QPSK	668	50	0	9.081	/	Pass
		680.5	50	0	9.087	/	Pass
		693	50	0	9.093	/	Pass
	16QAM	668	50	0	9.046	/	Pass
		680.5	50	0	9.132	/	Pass
		693	50	0	9.097	/	Pass
15	QPSK	670.5	75	0	13.520	/	Pass
		680.5	75	0	13.688	/	Pass
		690.5	75	0	13.568	/	Pass
	16QAM	670.5	75	0	13.511	/	Pass
		680.5	75	0	13.695	/	Pass
		690.5	75	0	13.558	/	Pass
20	QPSK	673	100	0	18.134	/	Pass
		683	100	0	18.155	/	Pass
		688	100	0	18.048	/	Pass
	16QAM	673	100	0	18.123	/	Pass
		683	100	0	18.176	/	Pass
		688	100	0	18.001	/	Pass

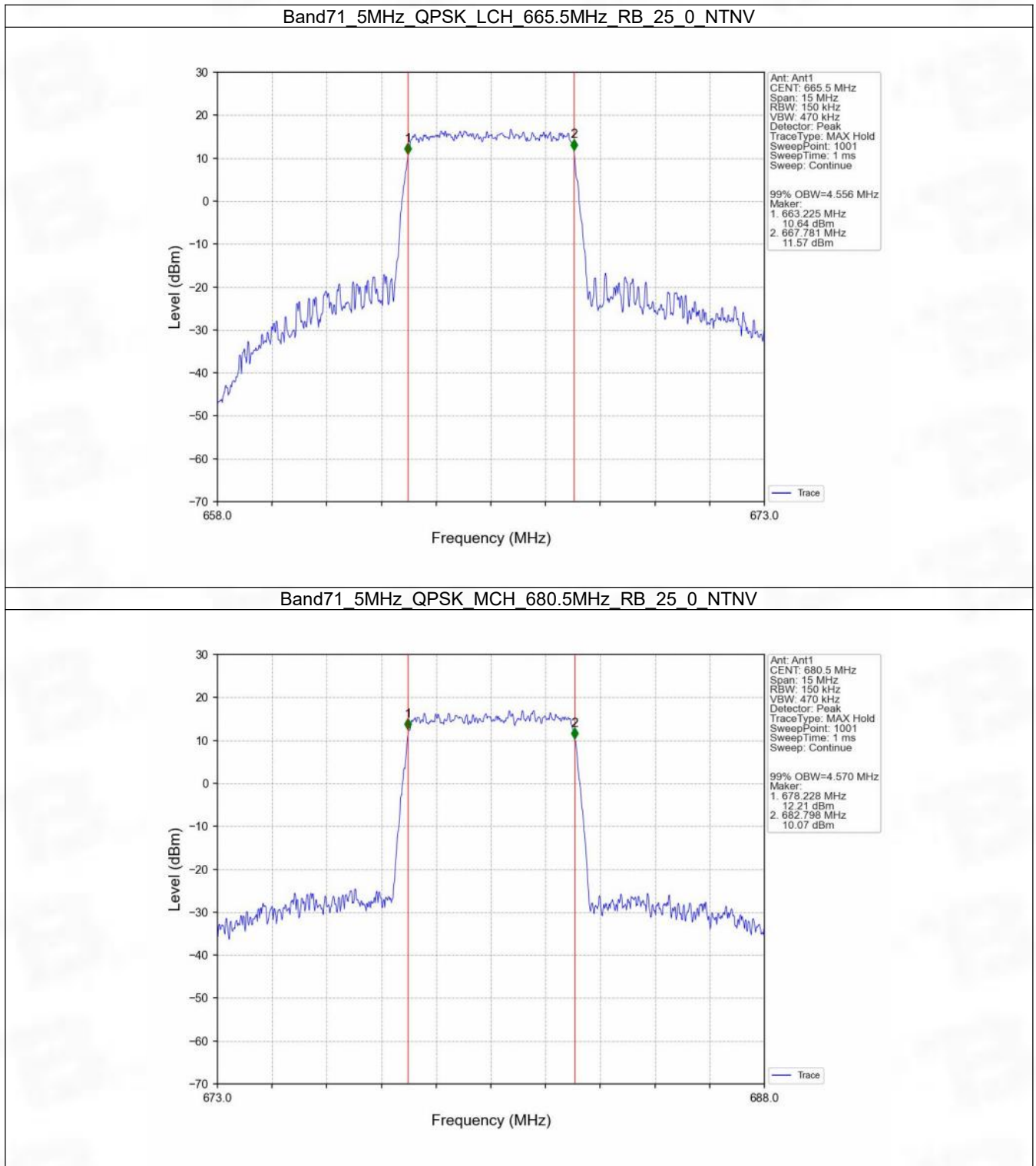
4.1.2 Band71_XDB

Band: 71 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.054	/	Pass
		680.5	25	0	5.054	/	Pass
		695.5	25	0	5.042	/	Pass
	16QAM	665.5	25	0	5.045	/	Pass
		680.5	25	0	5.041	/	Pass
		695.5	25	0	5.102	/	Pass
10	QPSK	668	50	0	10.061	/	Pass
		680.5	50	0	10.058	/	Pass
		693	50	0	10.043	/	Pass
	16QAM	668	50	0	10.030	/	Pass
		680.5	50	0	9.982	/	Pass
		693	50	0	10.044	/	Pass
15	QPSK	670.5	75	0	14.984	/	Pass
		680.5	75	0	15.255	/	Pass
		690.5	75	0	15.094	/	Pass
	16QAM	670.5	75	0	15.130	/	Pass

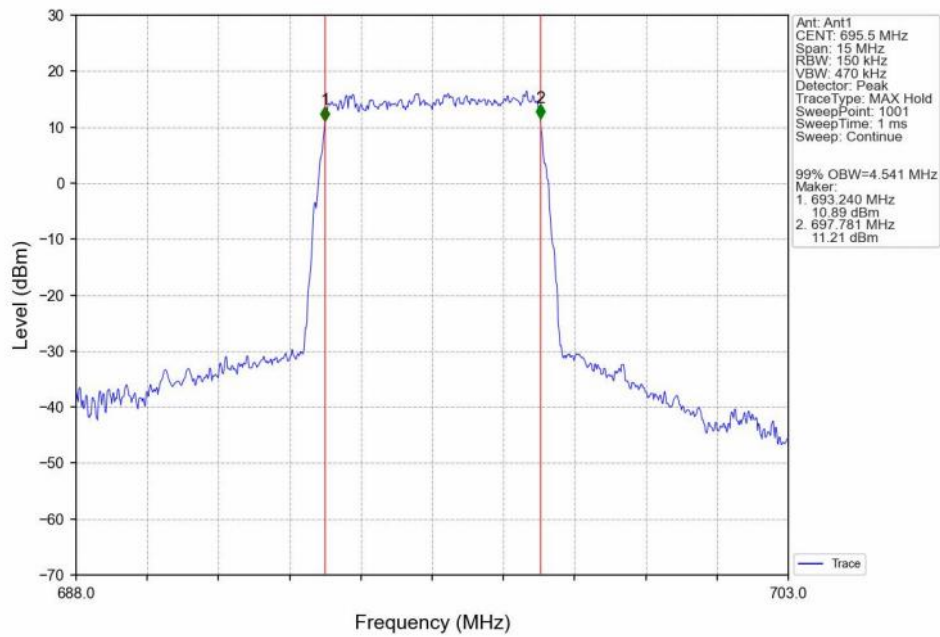
		680.5	75	0	15.202	/	Pass
		690.5	75	0	15.099	/	Pass
20	QPSK	673	100	0	19.964	/	Pass
		683	100	0	19.939	/	Pass
		688	100	0	19.825	/	Pass
	16QAM	673	100	0	19.943	/	Pass
		683	100	0	20.006	/	Pass
		688	100	0	19.858	/	Pass

4.2 Test Graph

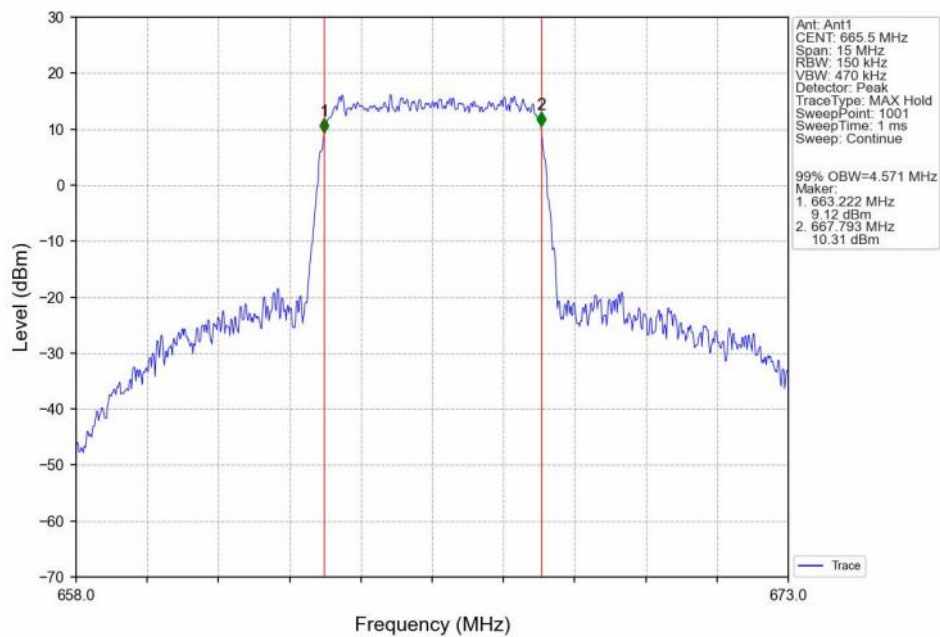
4.2.1 Band71_OBW



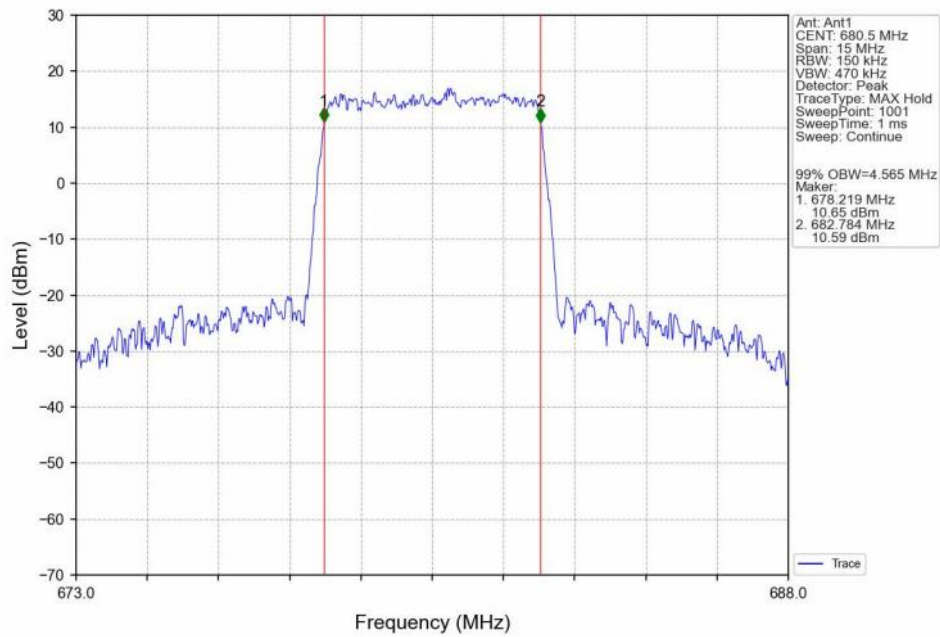
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



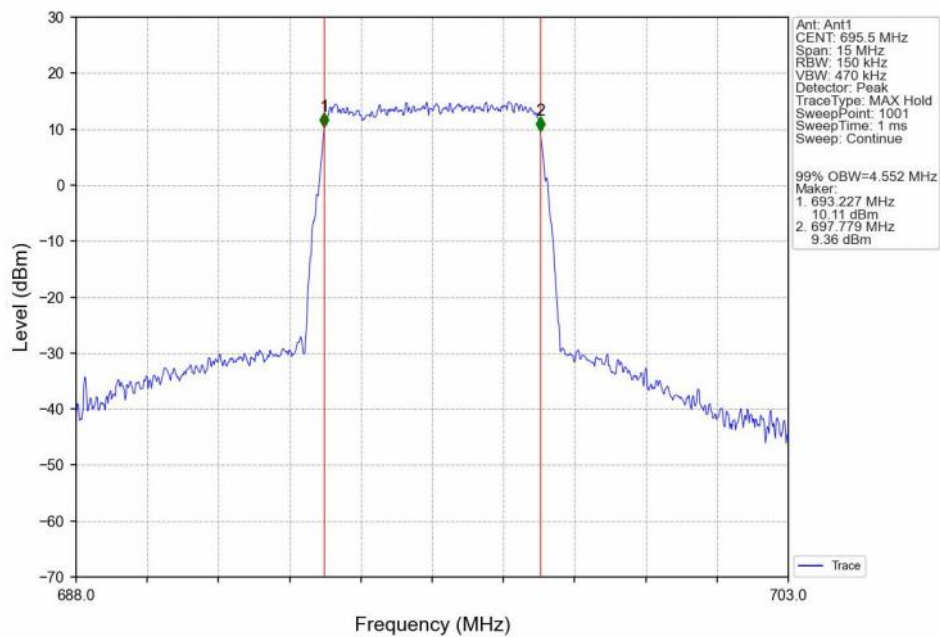
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



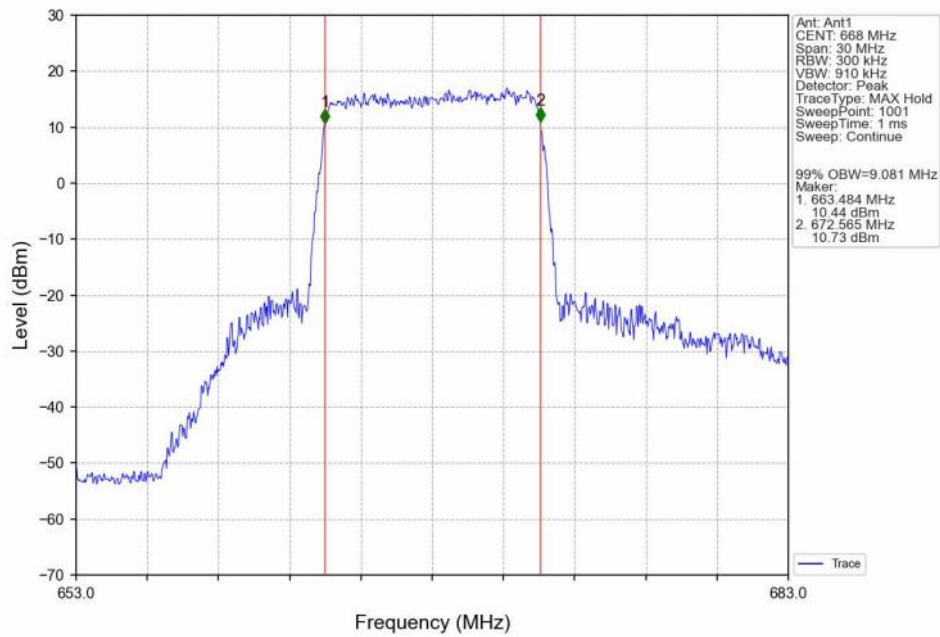
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



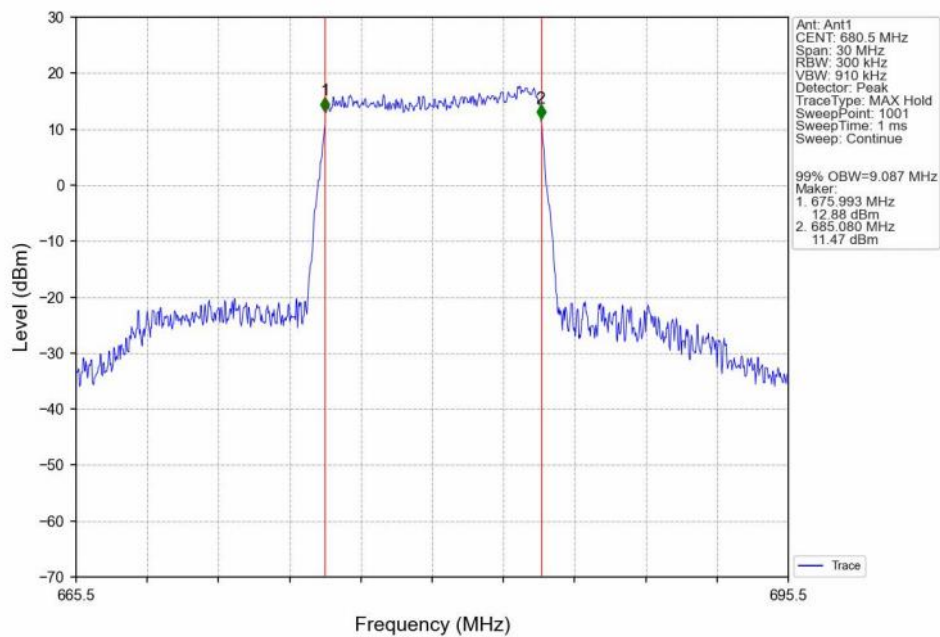
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



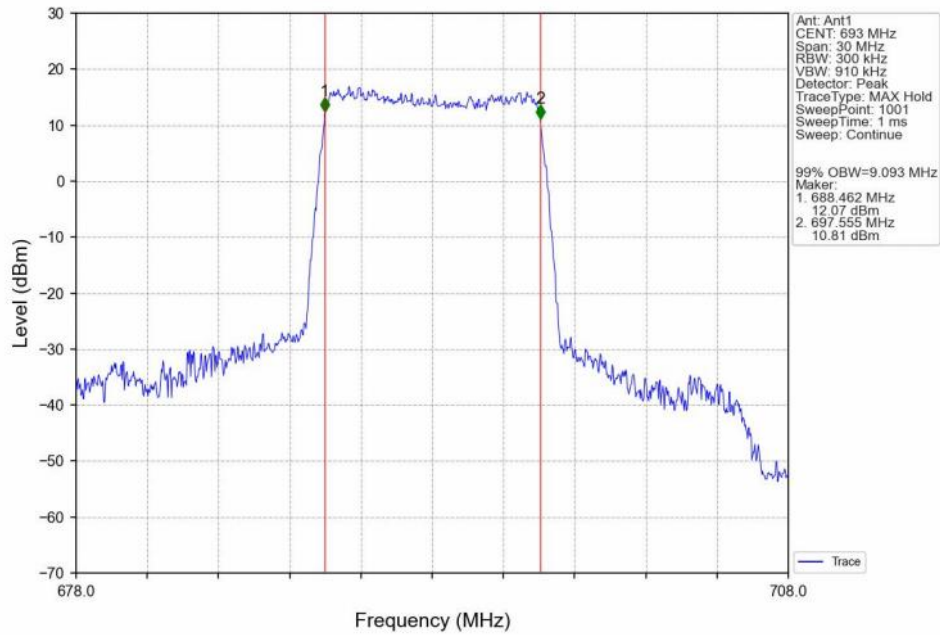
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



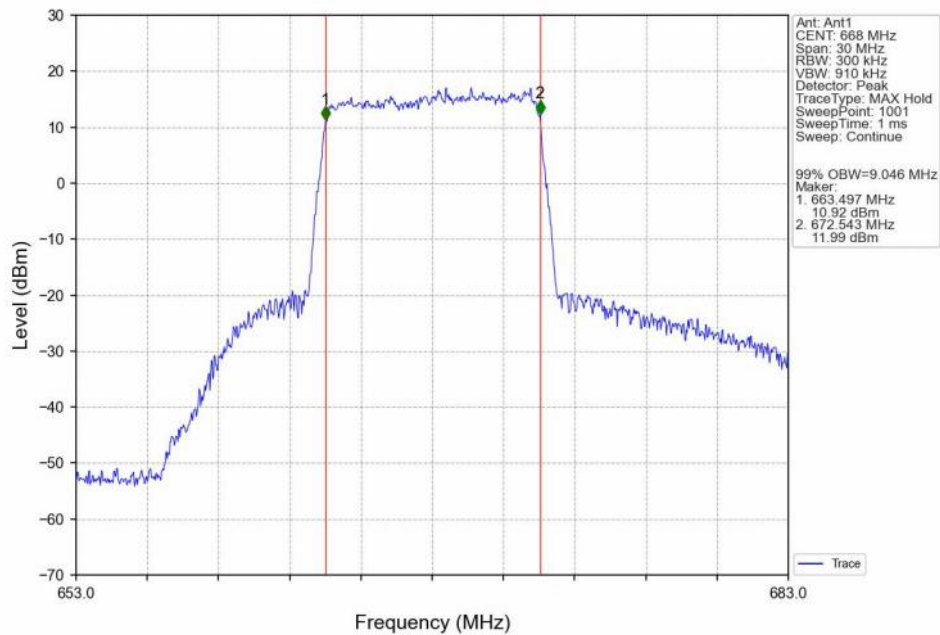
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



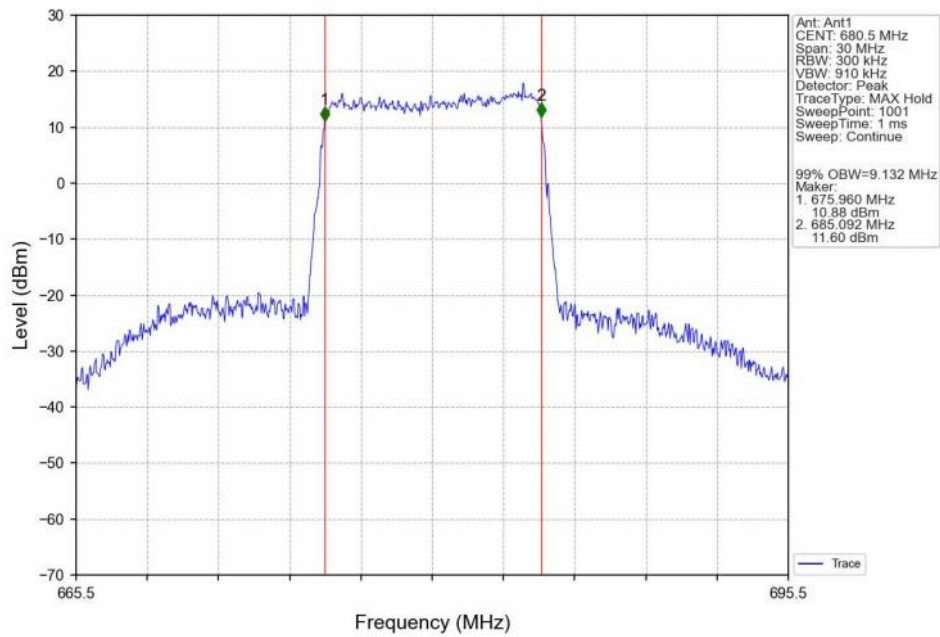
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



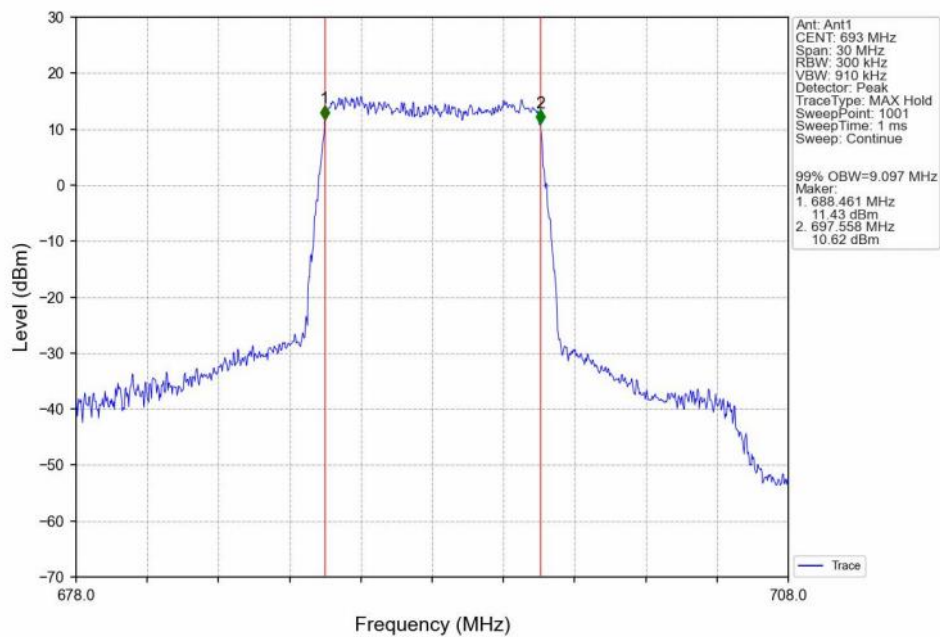
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



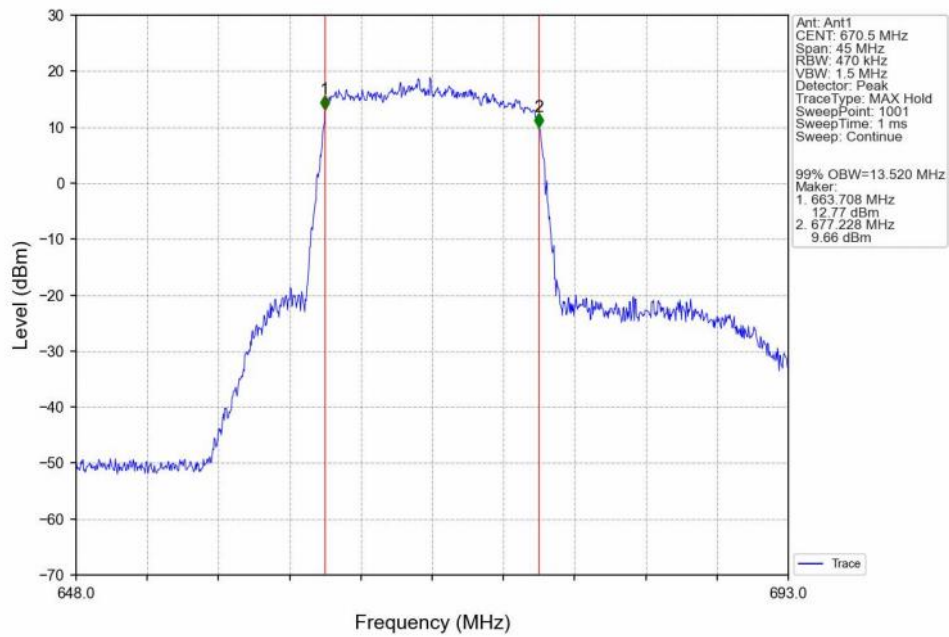
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



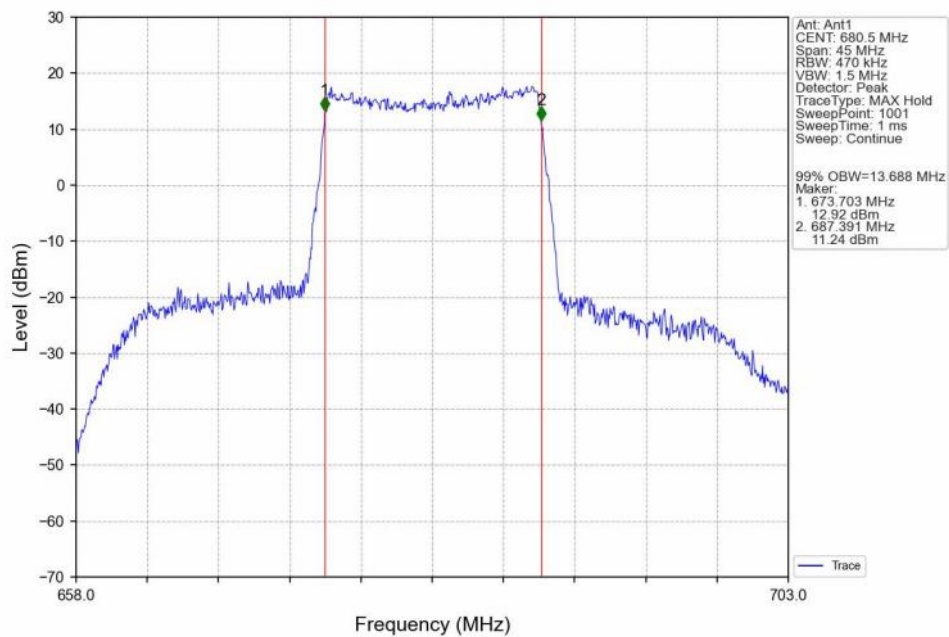
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



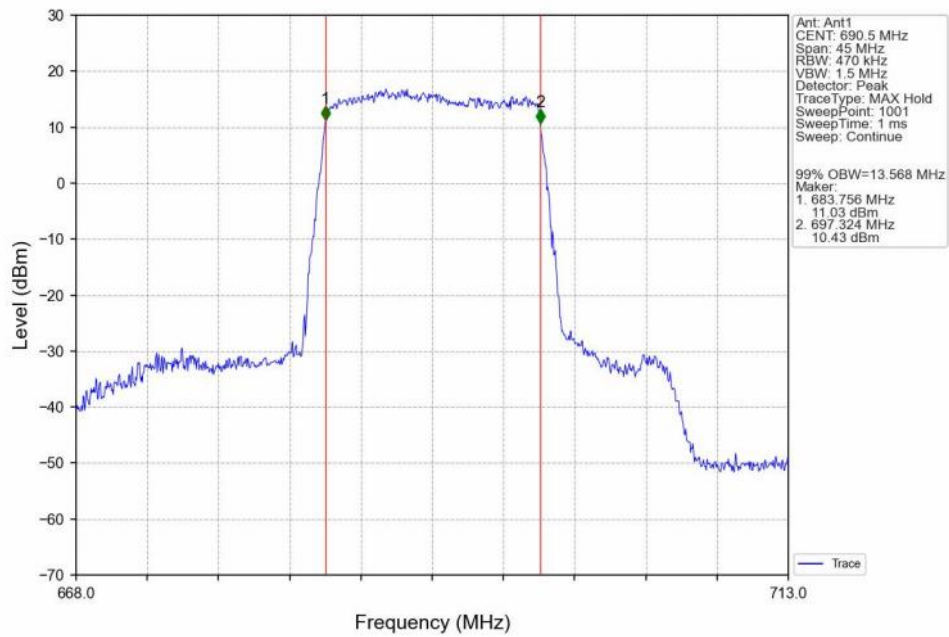
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



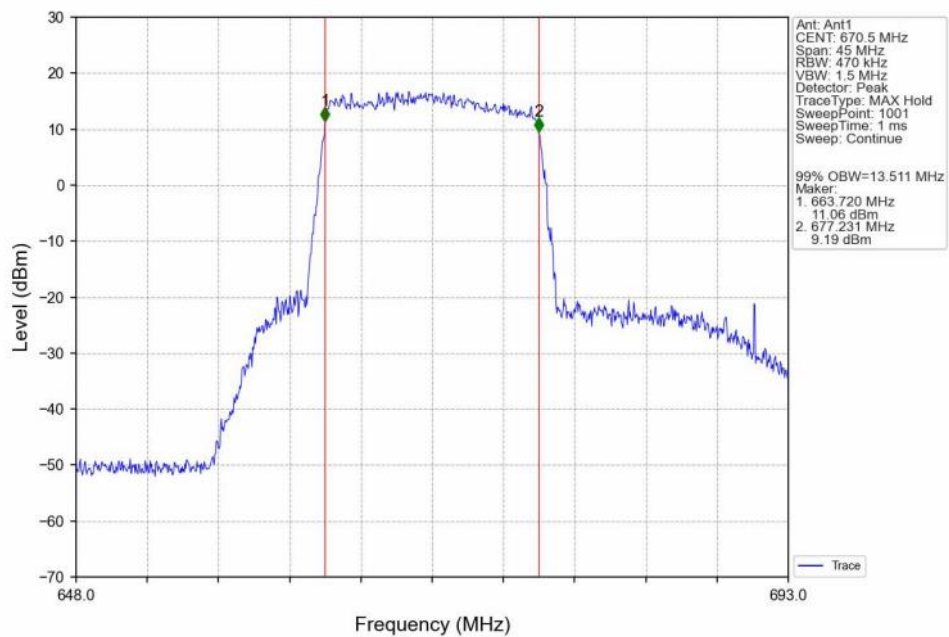
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



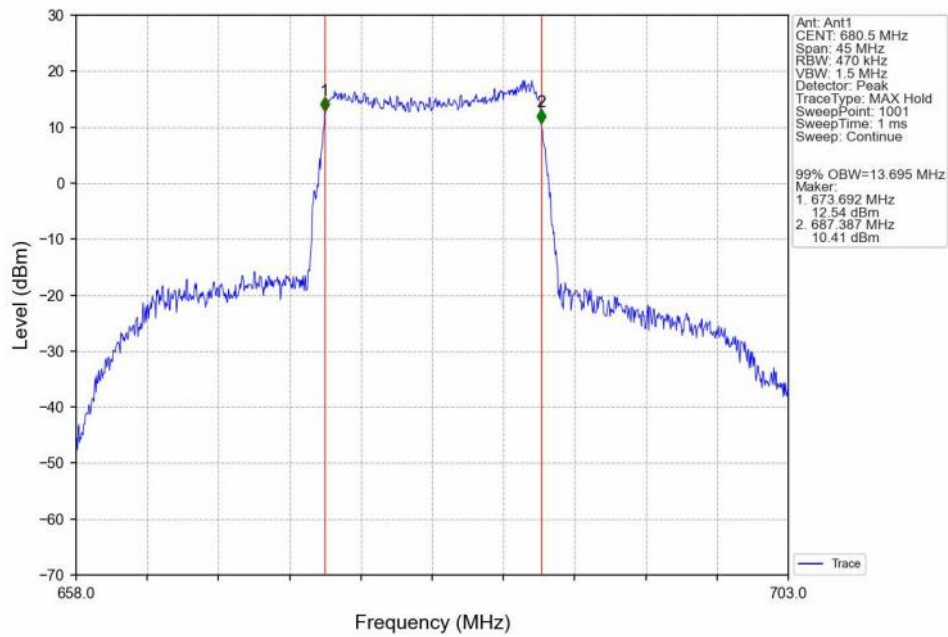
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



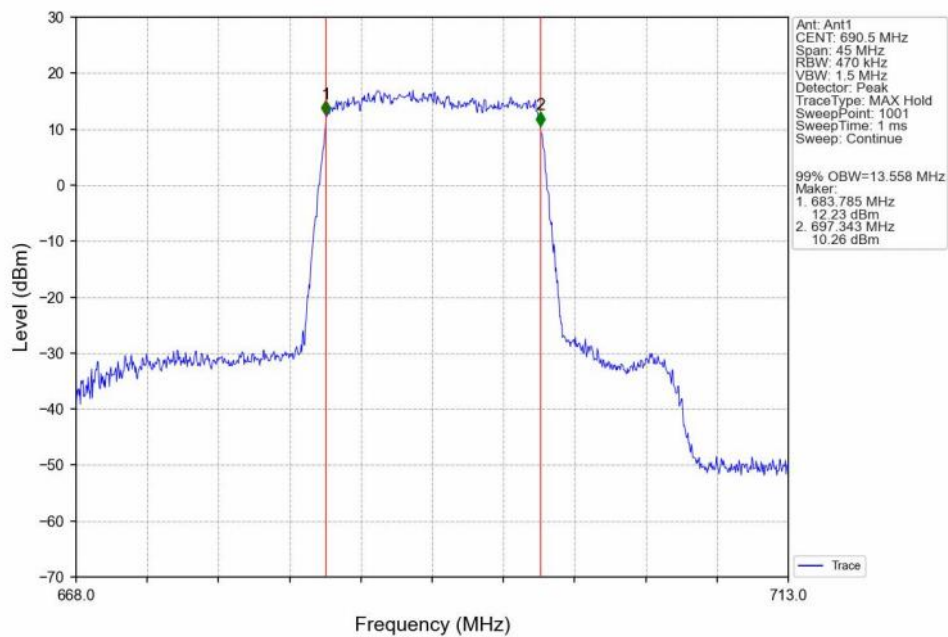
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



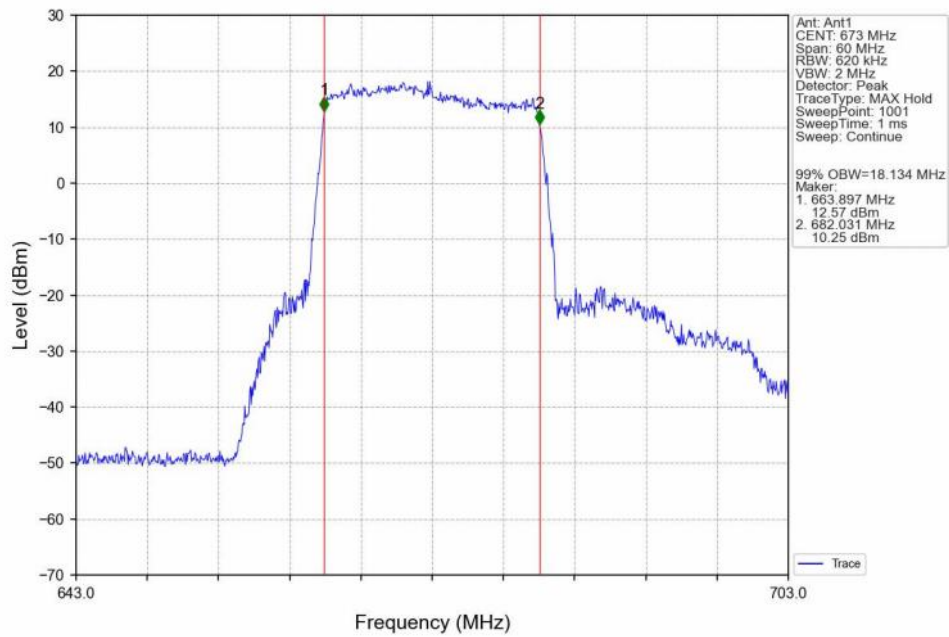
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



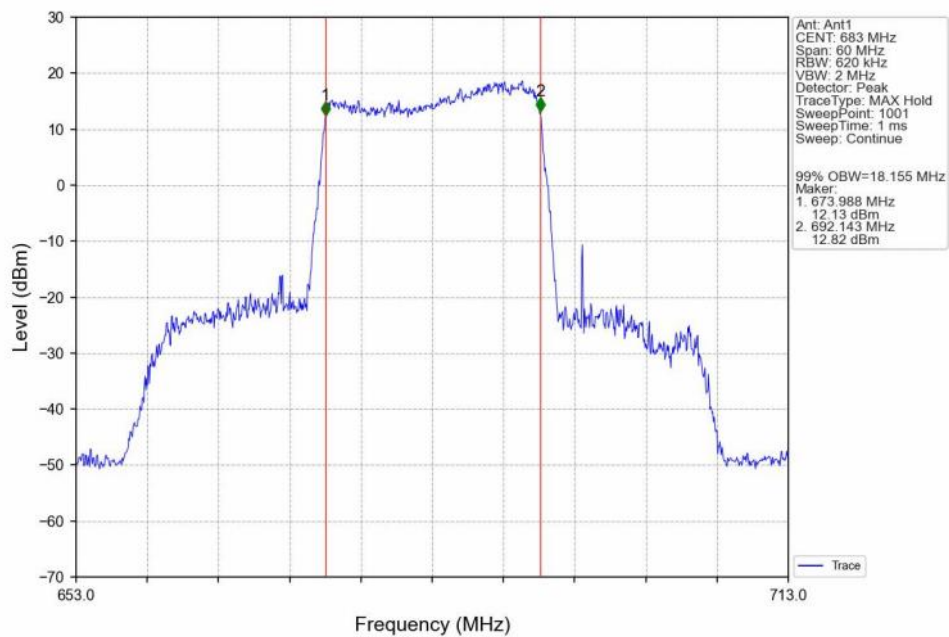
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



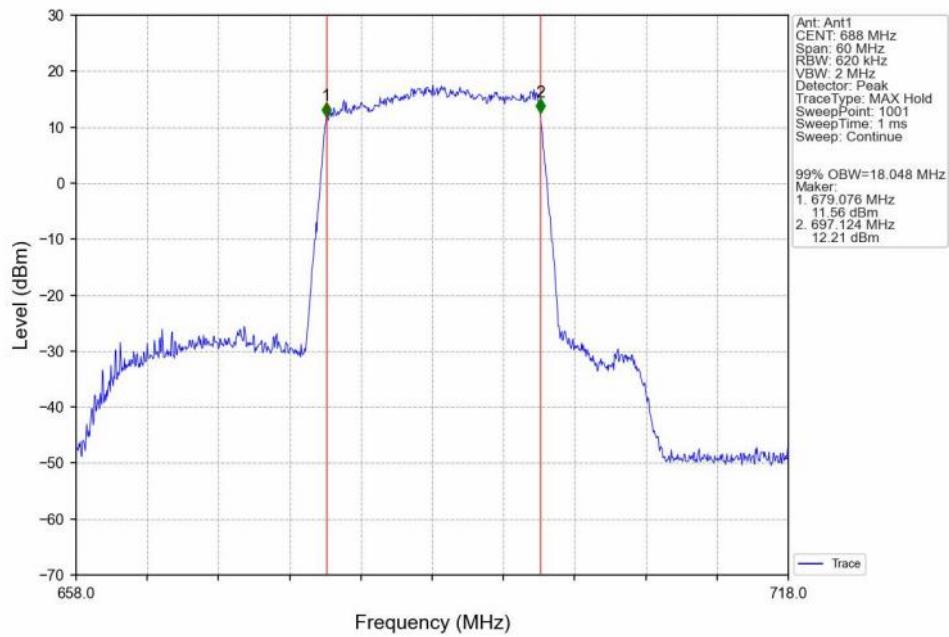
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



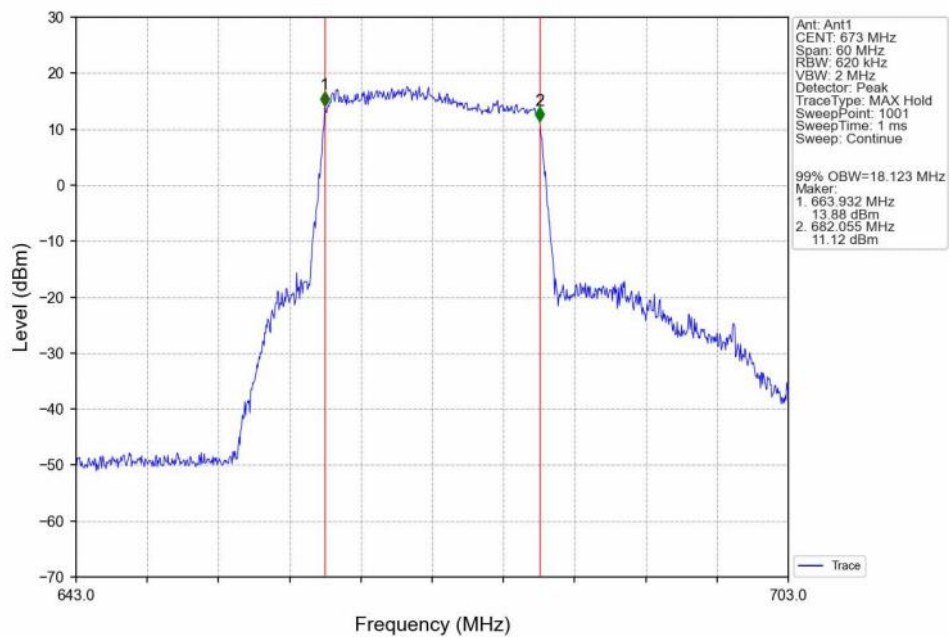
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



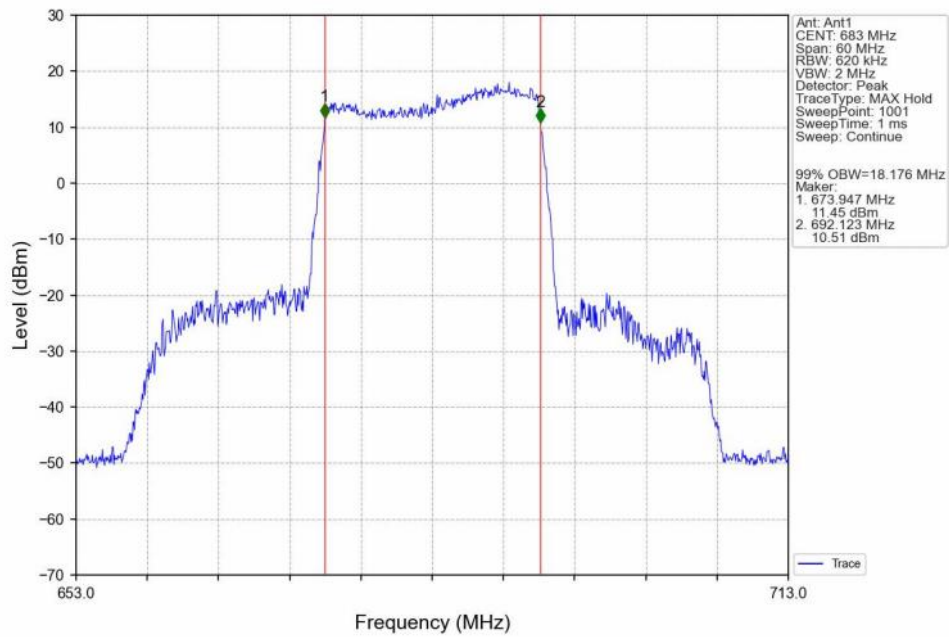
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



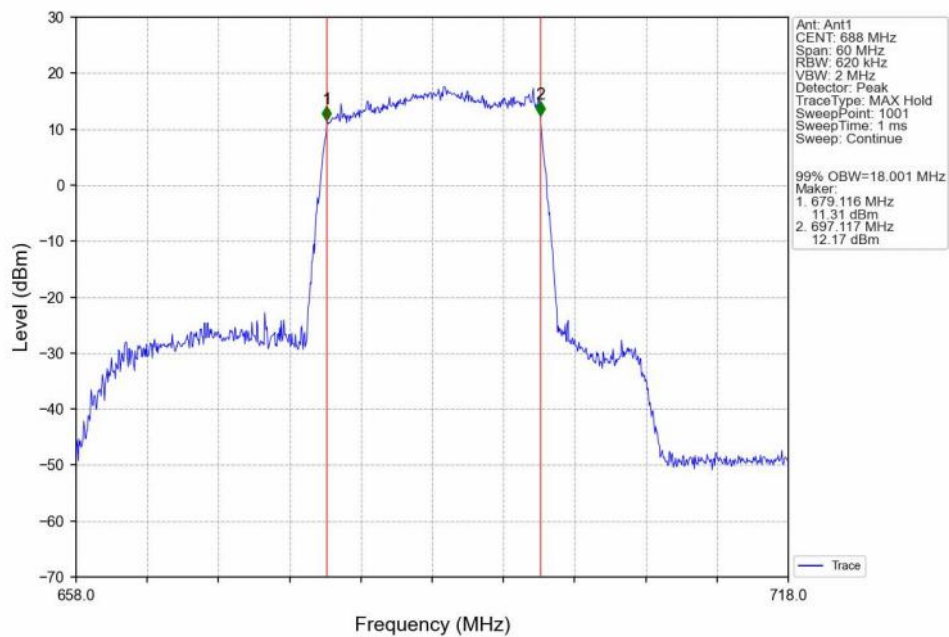
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



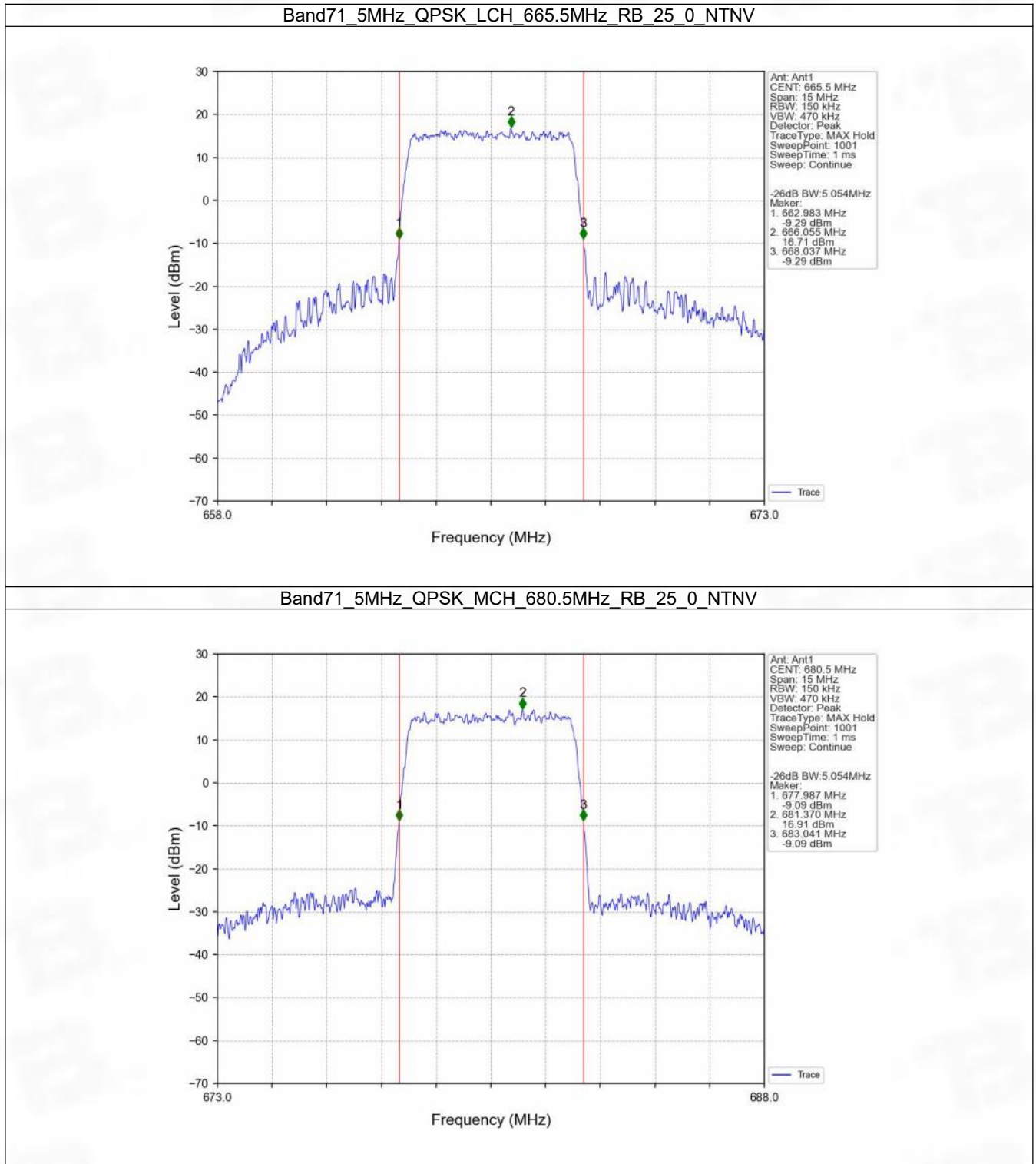
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



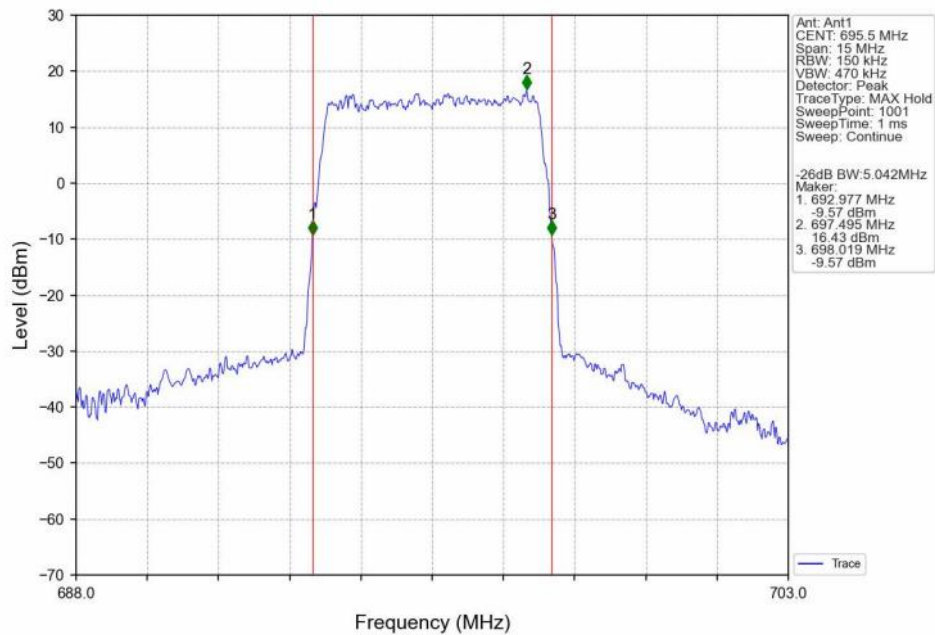
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



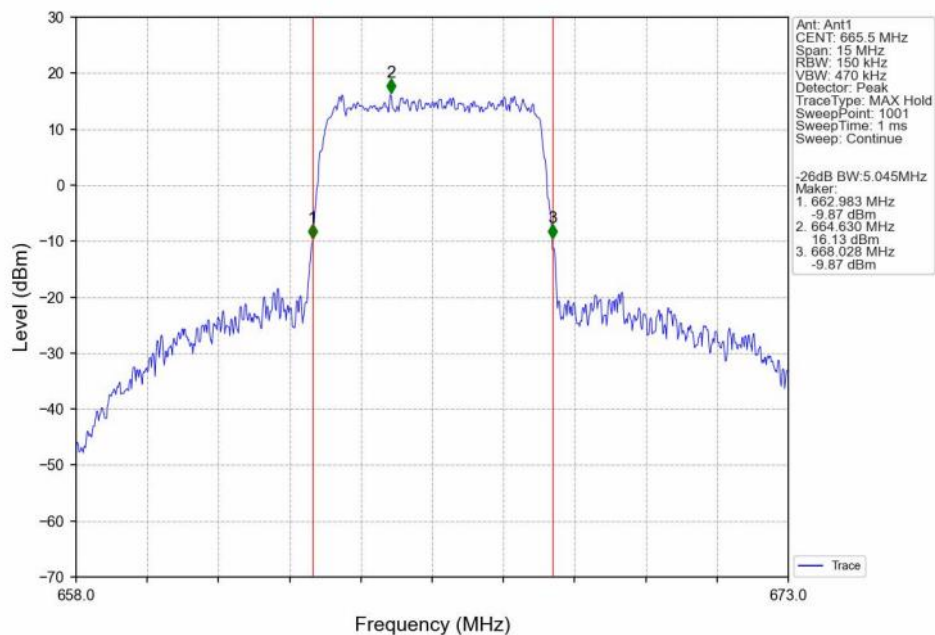
4.2.2 Band71_XDB



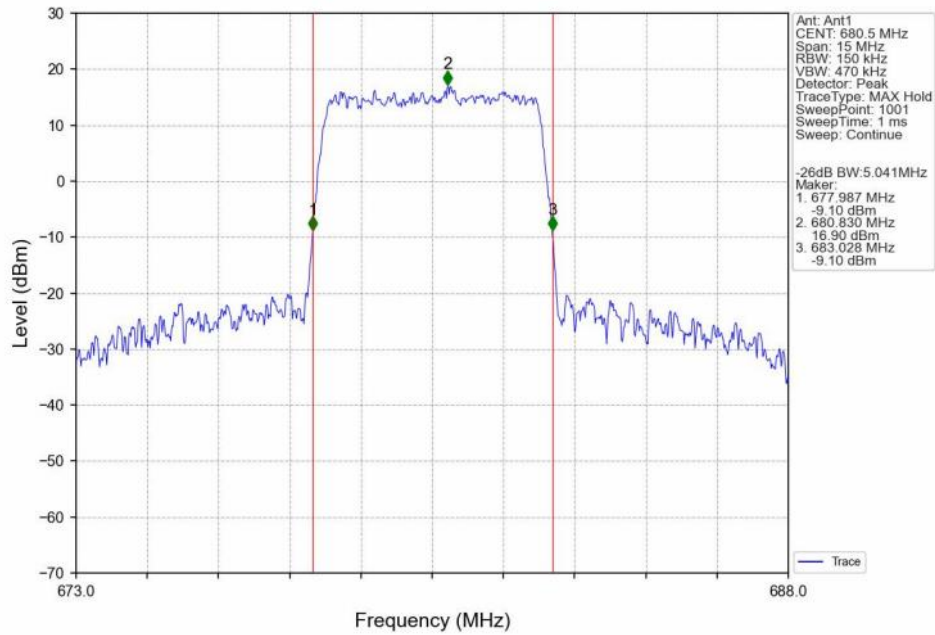
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



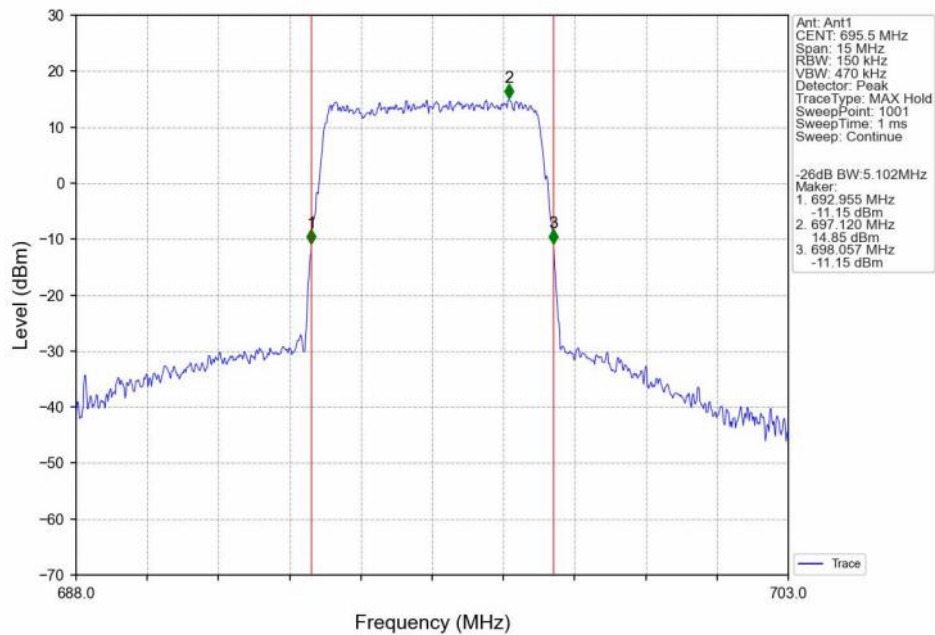
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



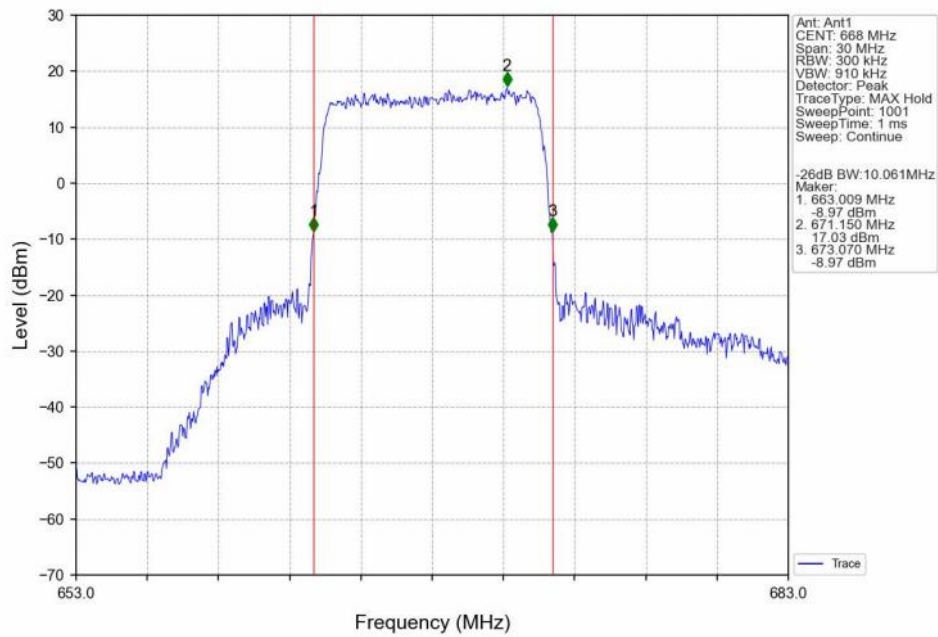
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



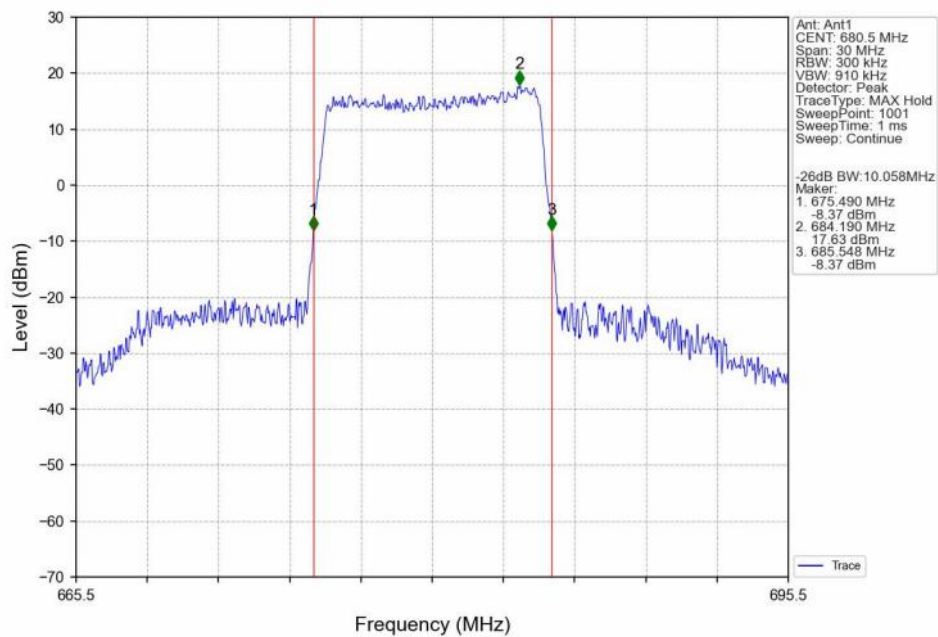
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



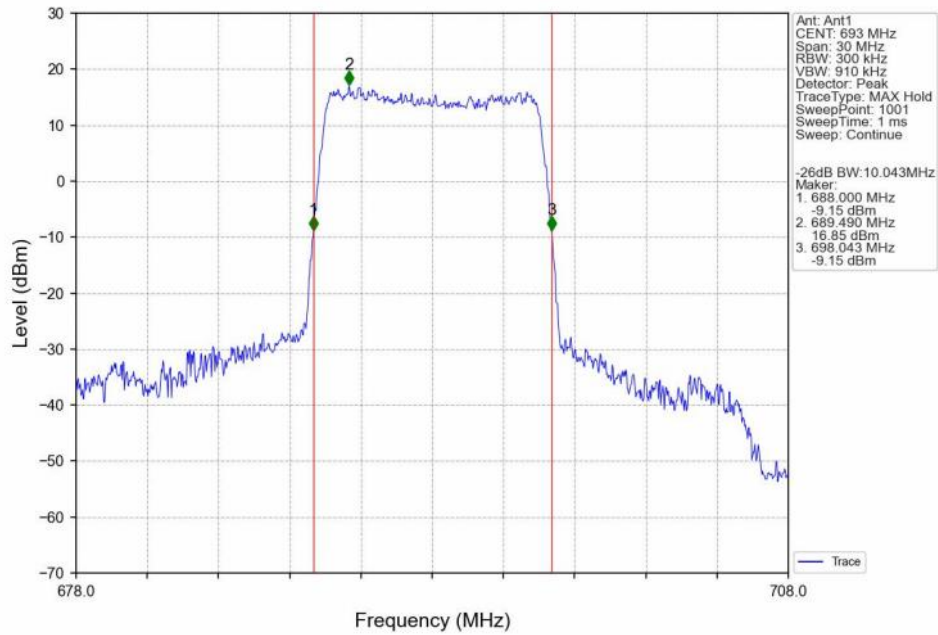
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



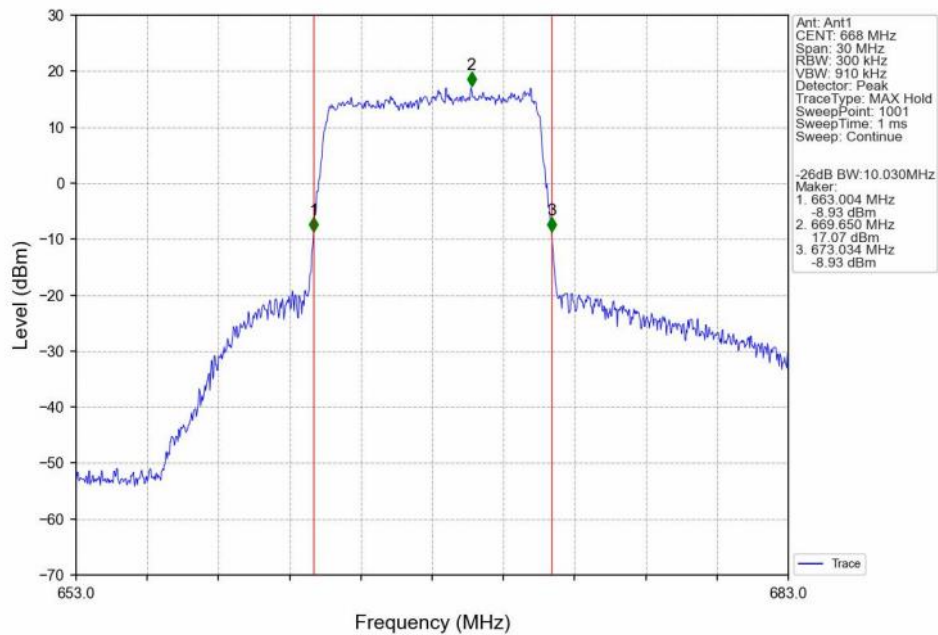
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



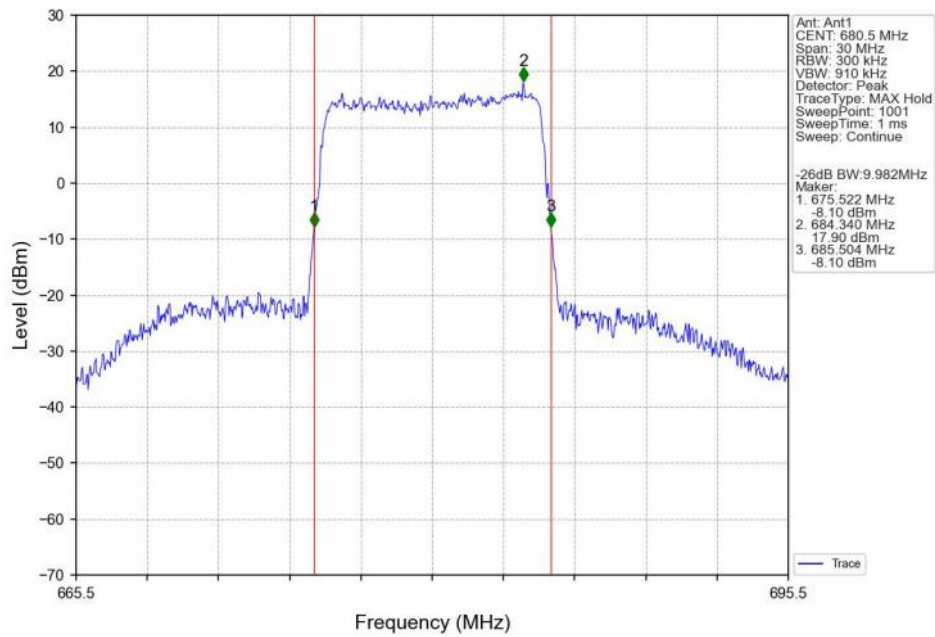
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



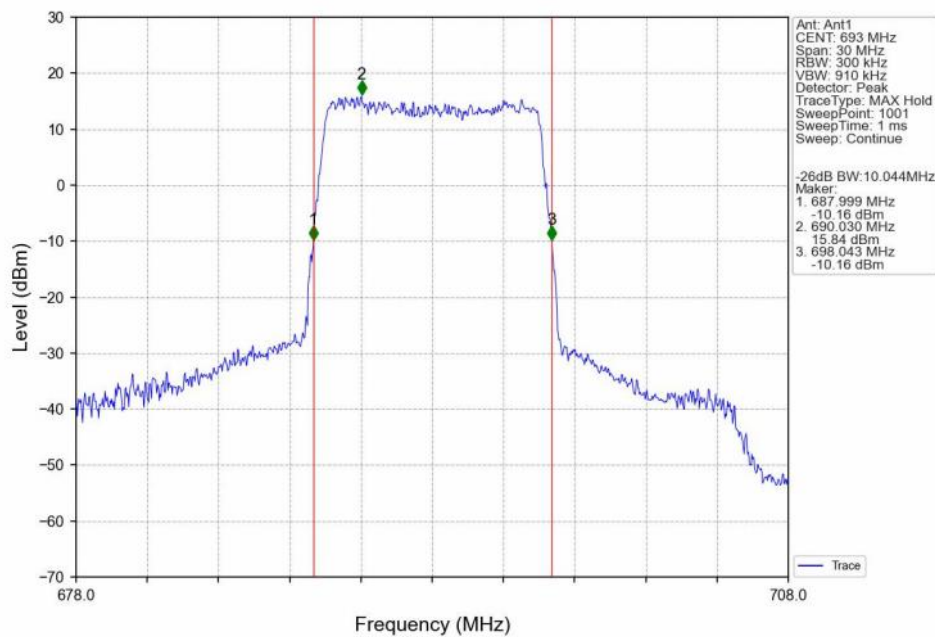
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



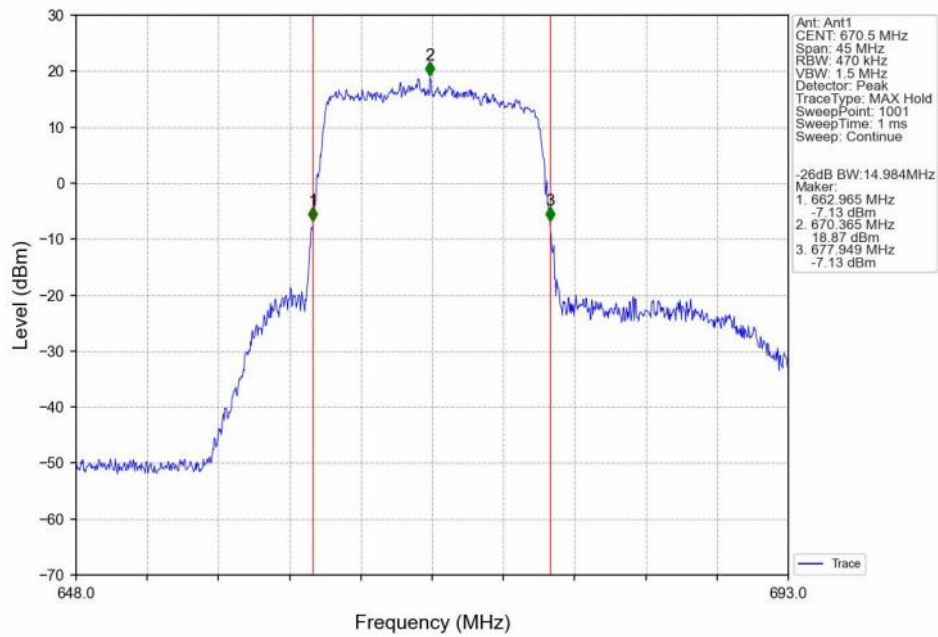
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



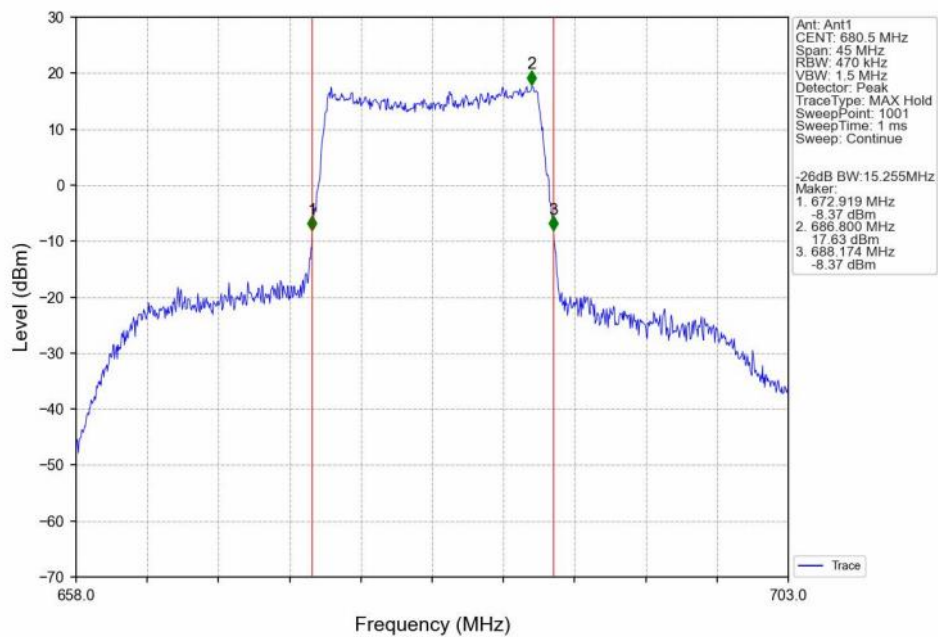
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



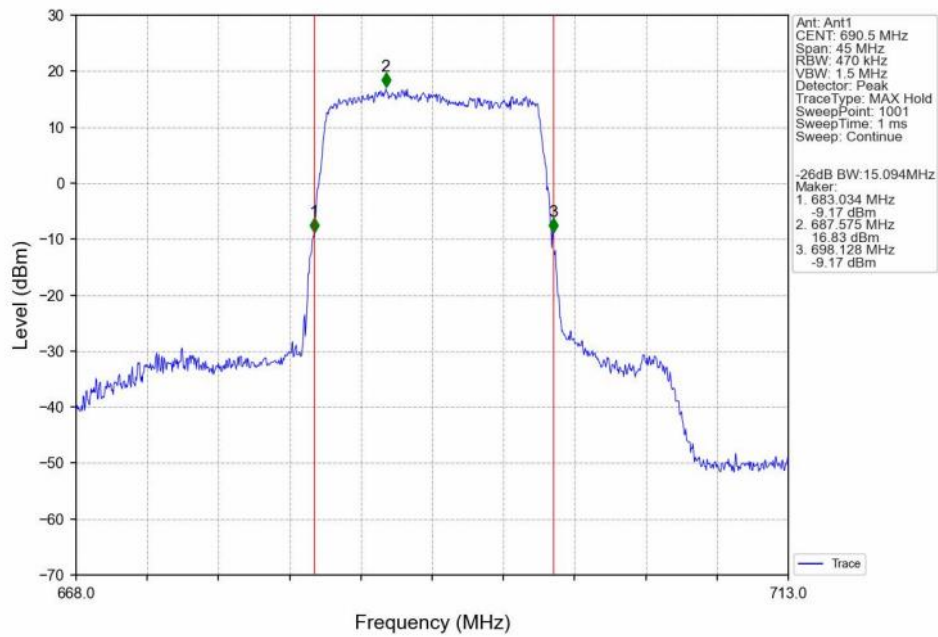
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



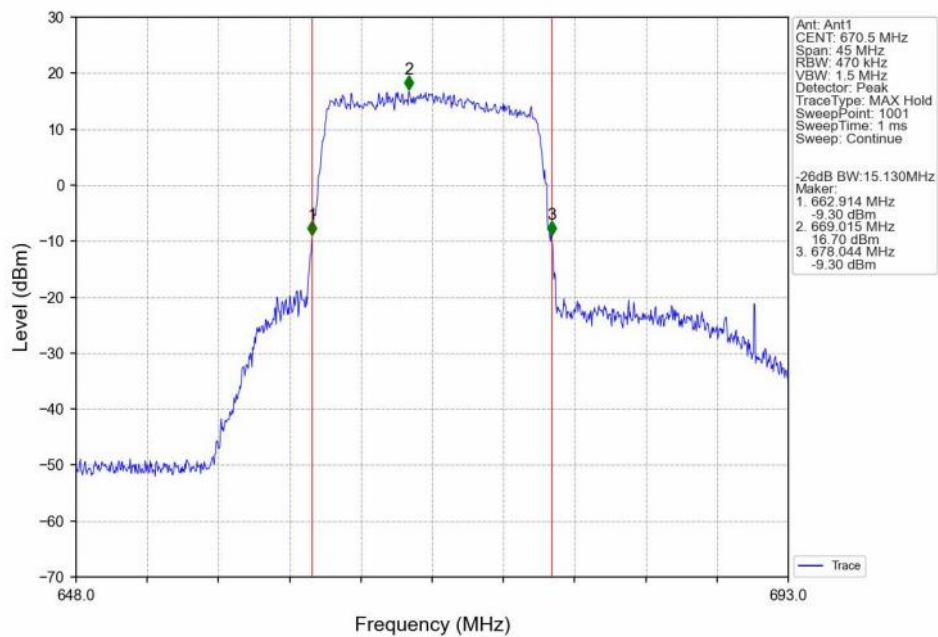
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



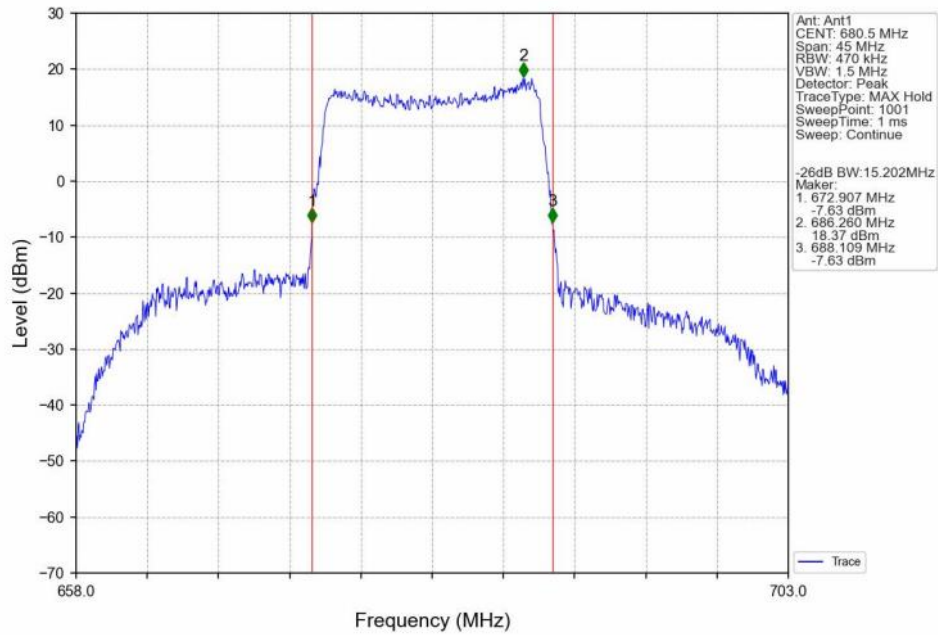
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



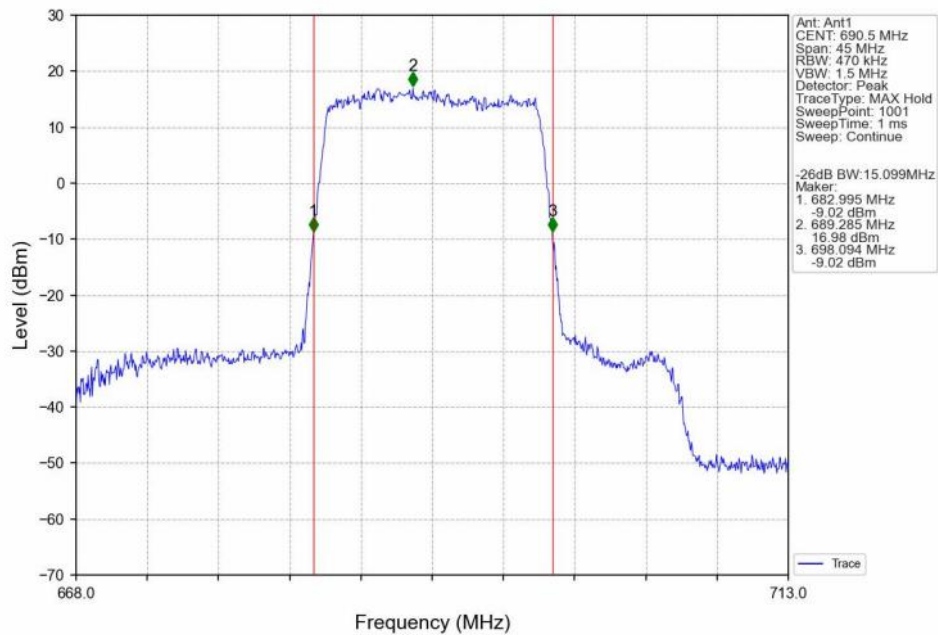
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



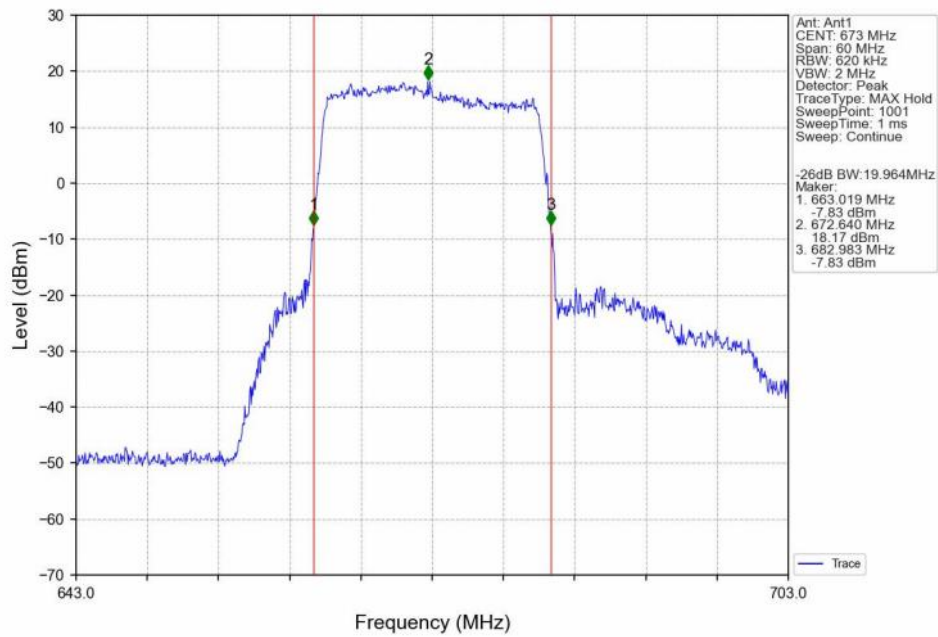
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



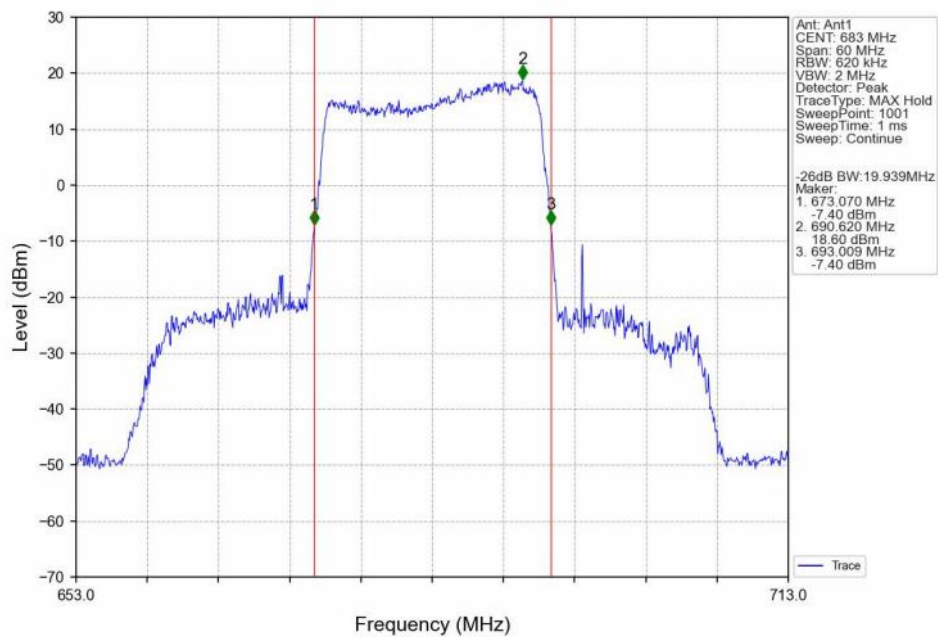
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



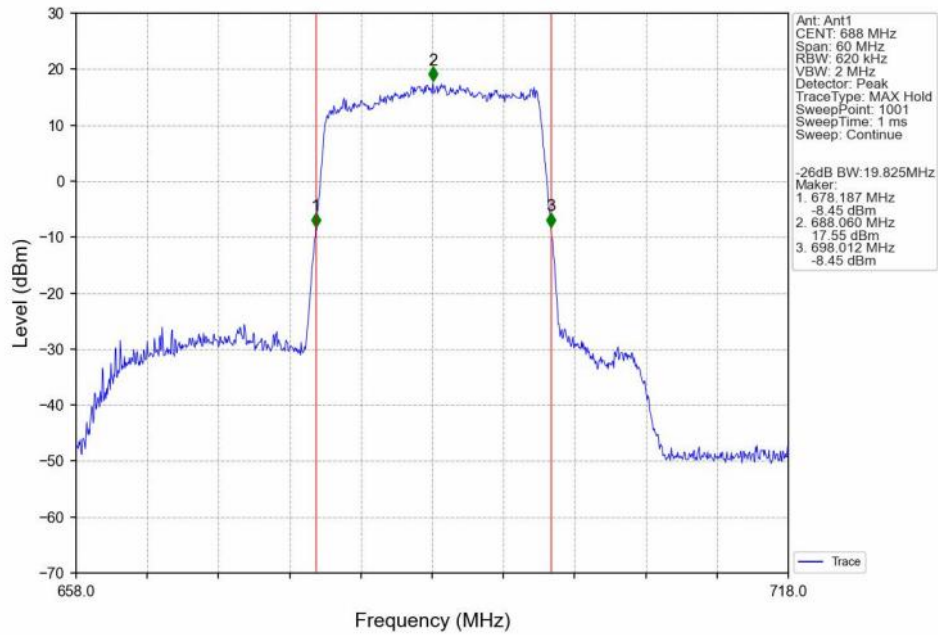
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



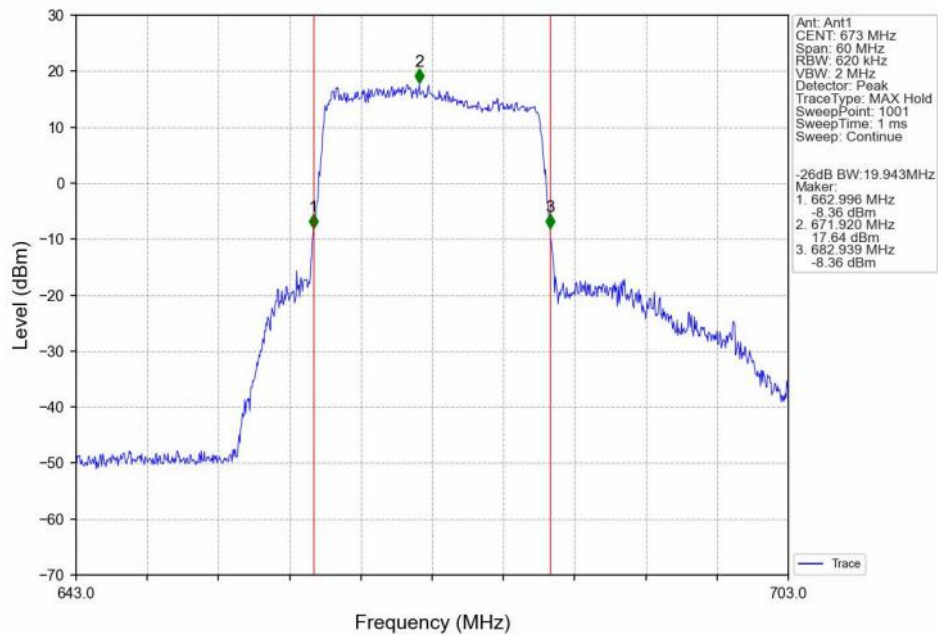
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



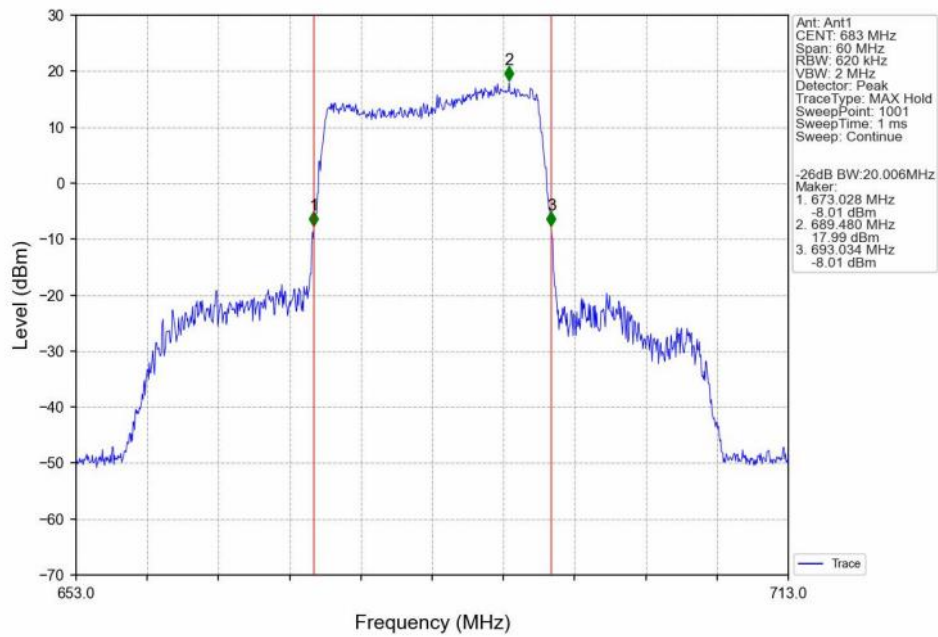
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



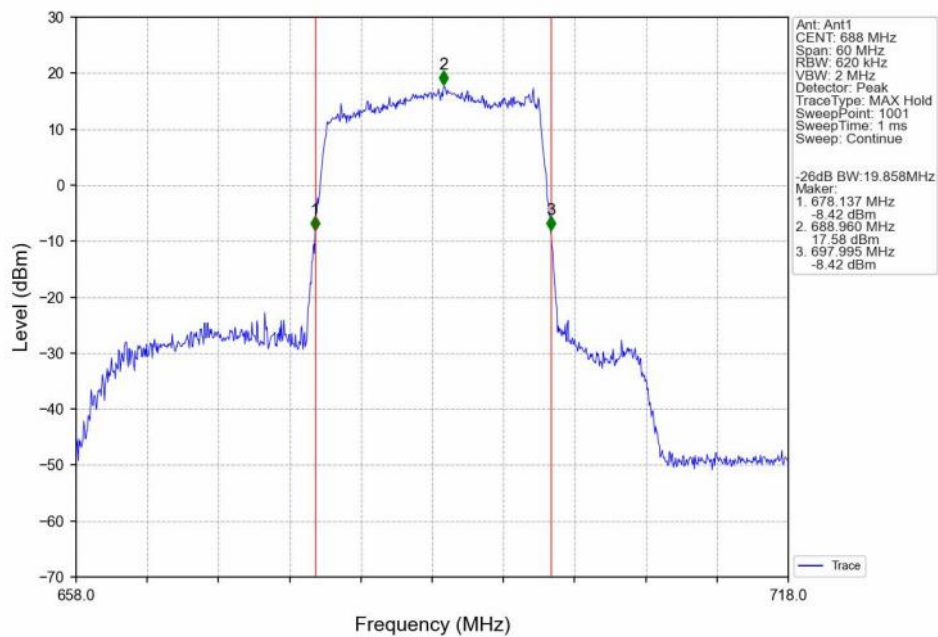
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 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	5.62	≤ 13	Pass
	680.5	25	0	5.73	≤ 13	Pass
	695.5	25	0	5.79	≤ 13	Pass
16QAM	665.5	25	0	6.39	≤ 13	Pass
	680.5	25	0	6.34	≤ 13	Pass
	695.5	25	0	6.58	≤ 13	Pass

5.1.2 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	5.57	≤ 13	Pass
	680.5	50	0	5.87	≤ 13	Pass
	693	50	0	5.96	≤ 13	Pass
16QAM	668	50	0	6.26	≤ 13	Pass
	680.5	50	0	6.50	≤ 13	Pass
	693	50	0	6.62	≤ 13	Pass

5.1.3 B71_15MHz

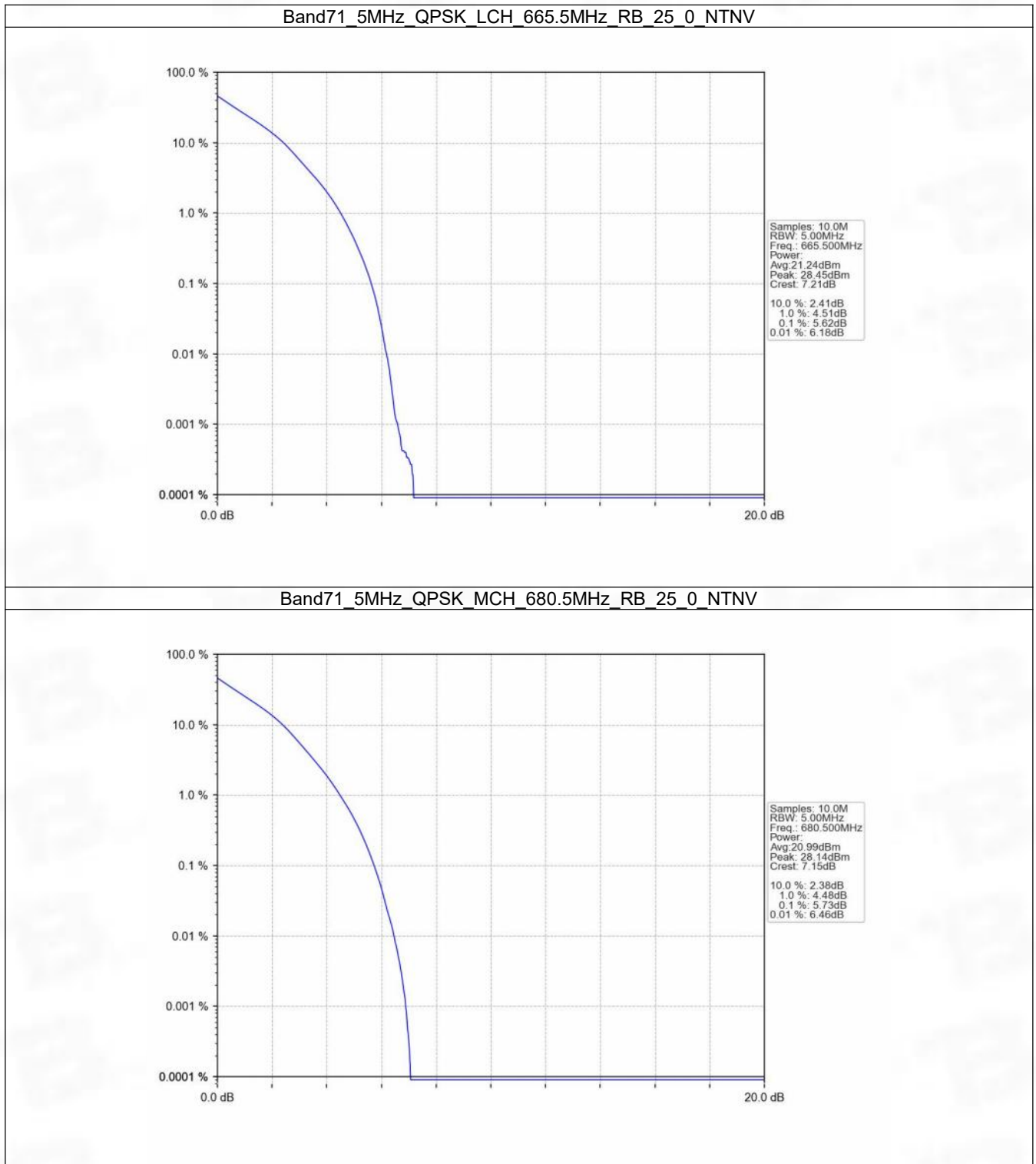
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.38	≤ 13	Pass
	680.5	75	0	6.16	≤ 13	Pass
	690.5	75	0	5.91	≤ 13	Pass
16QAM	670.5	75	0	6.19	≤ 13	Pass
	680.5	75	0	6.56	≤ 13	Pass
	690.5	75	0	6.46	≤ 13	Pass

5.1.4 B71_20MHz

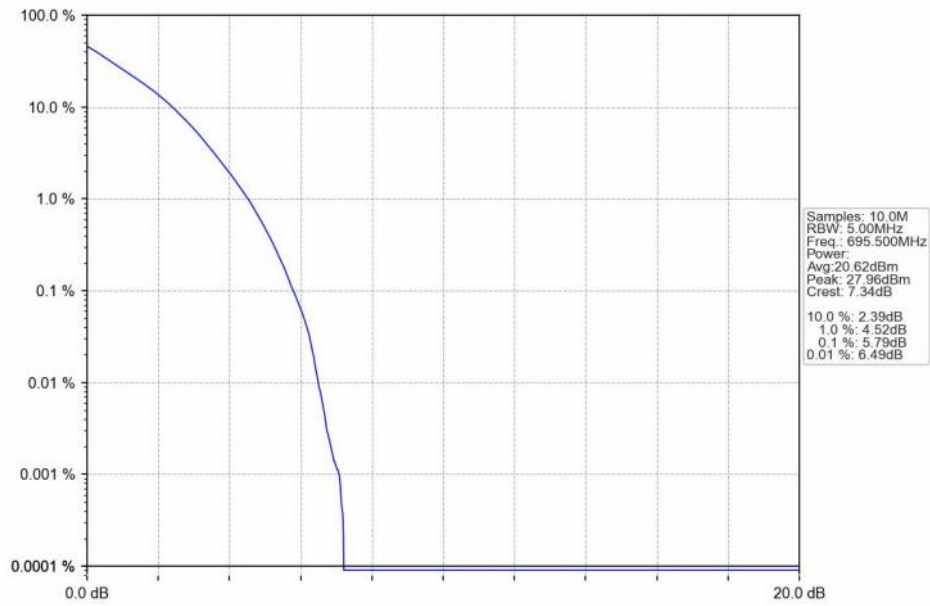
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.63	≤ 13	Pass
	683	100	0	5.82	≤ 13	Pass
	688	100	0	5.49	≤ 13	Pass
16QAM	673	100	0	6.30	≤ 13	Pass
	683	100	0	6.59	≤ 13	Pass
	688	100	0	6.34	≤ 13	Pass

5.2 Test Graph

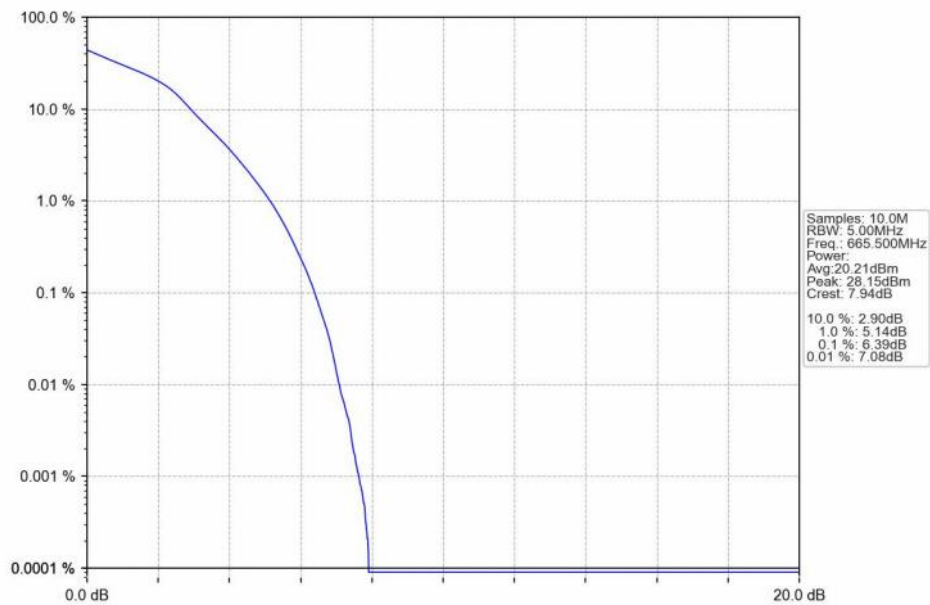
5.2.1 B71_5MHz



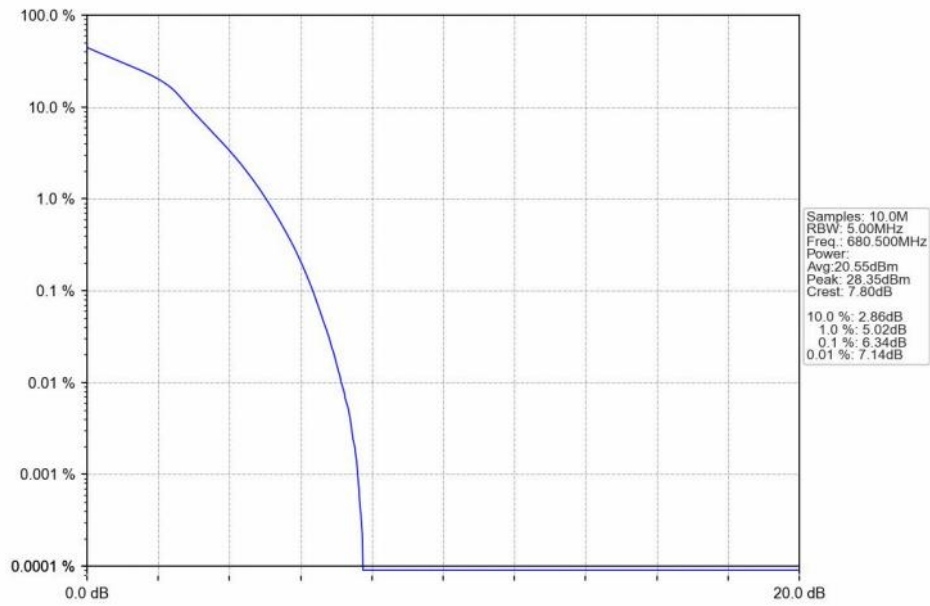
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



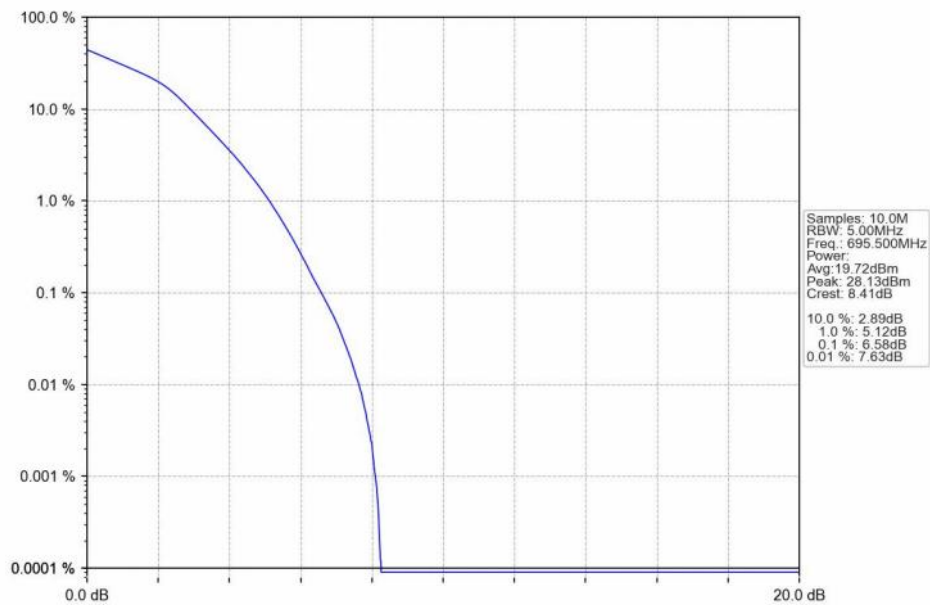
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



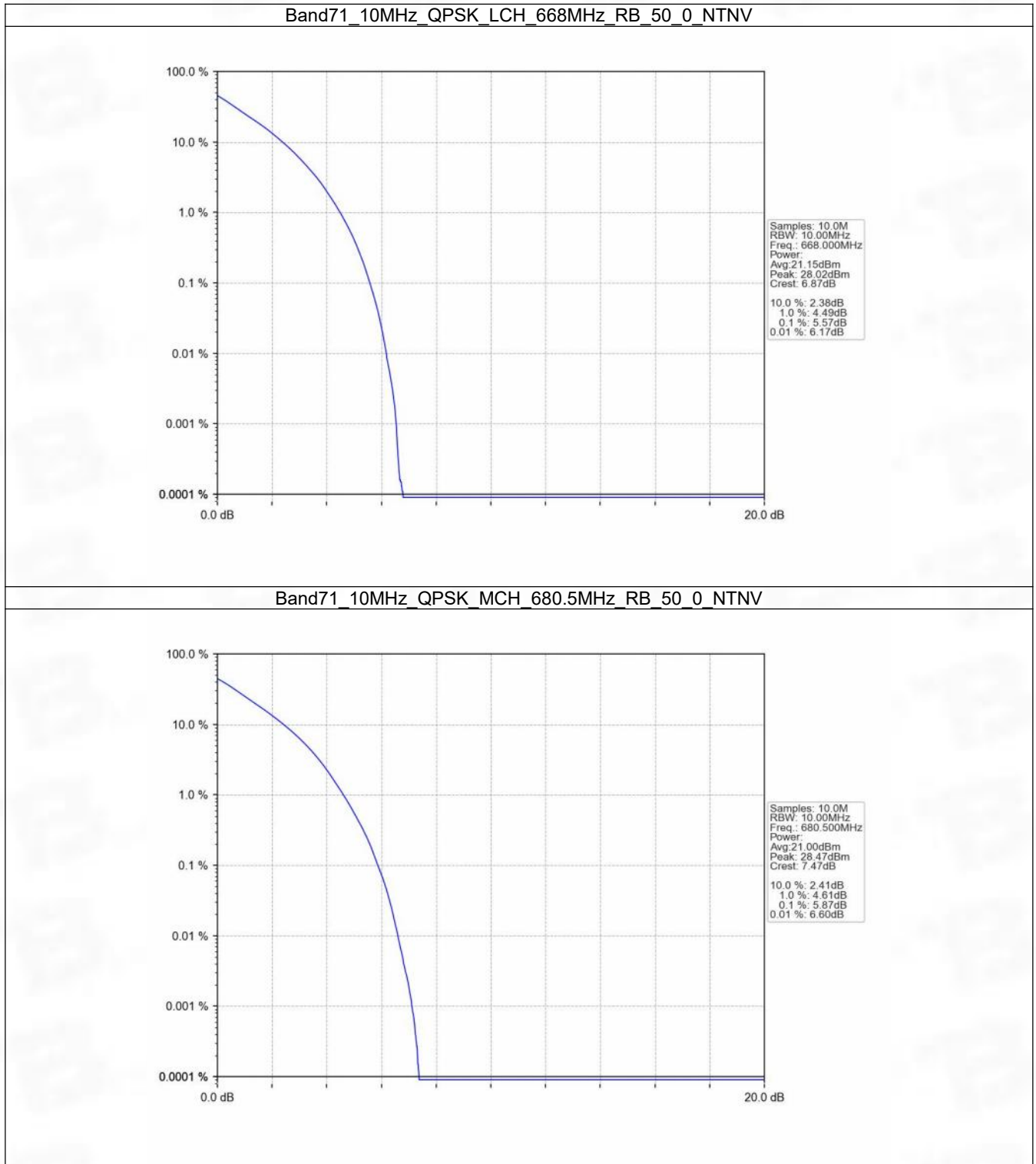
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



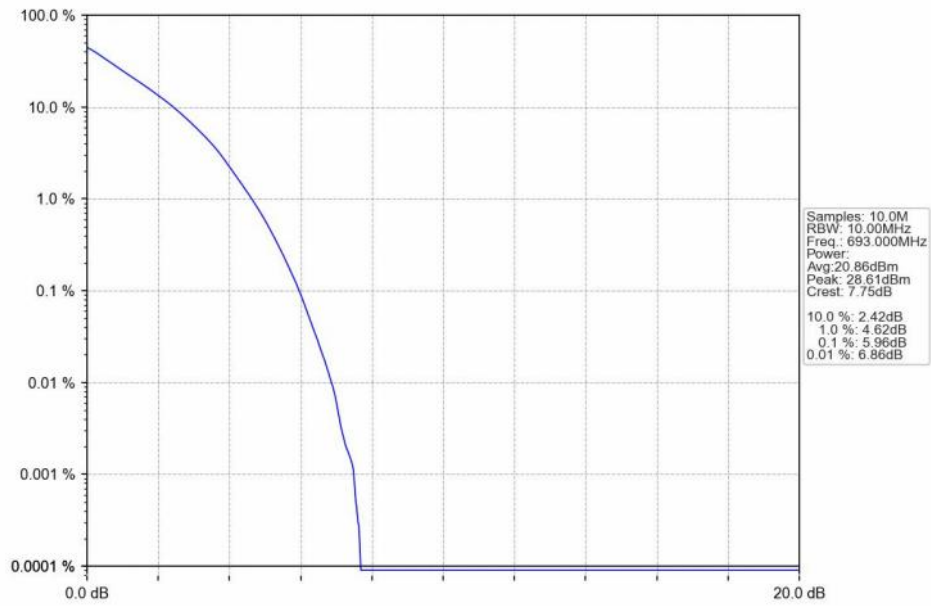
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



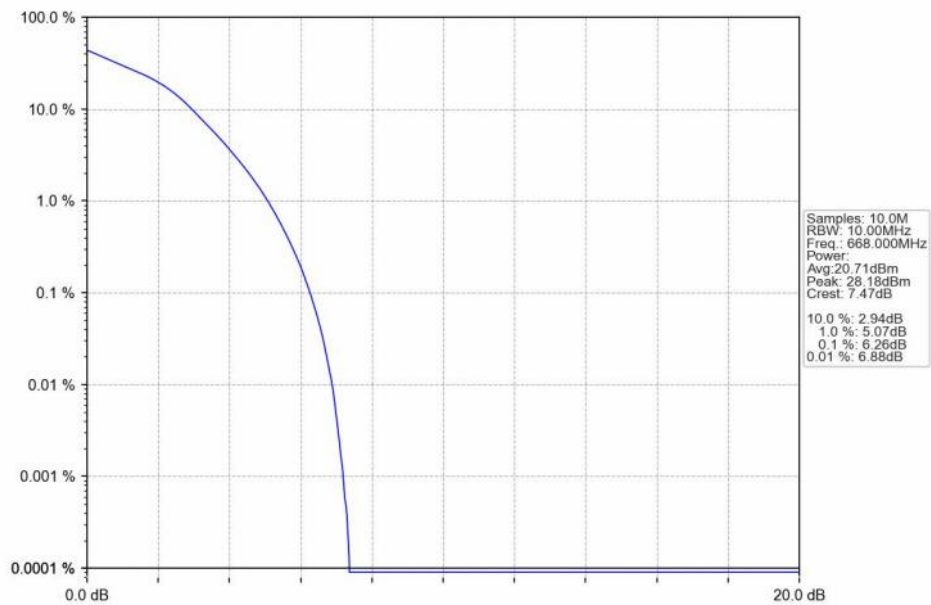
5.2.2 B71_10MHz



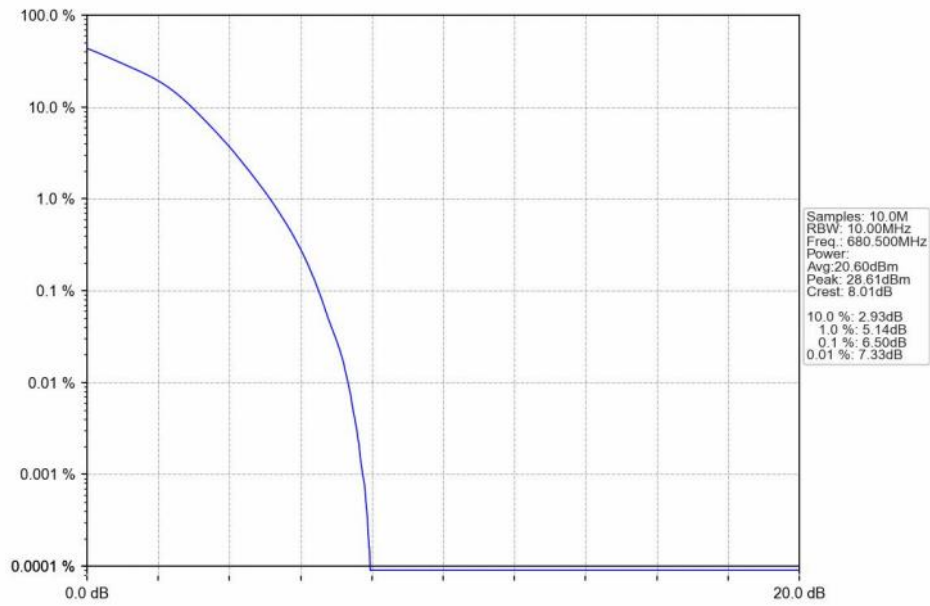
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



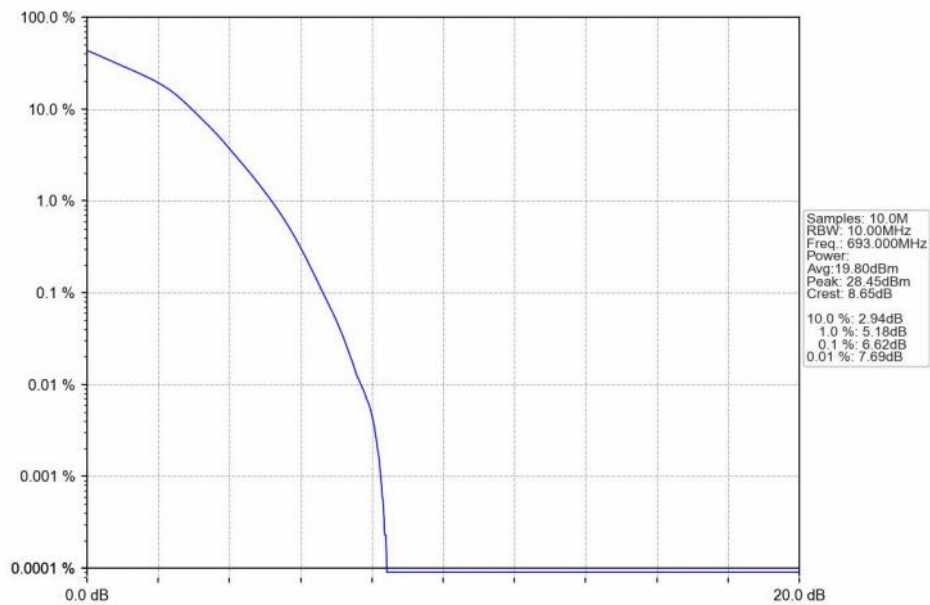
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



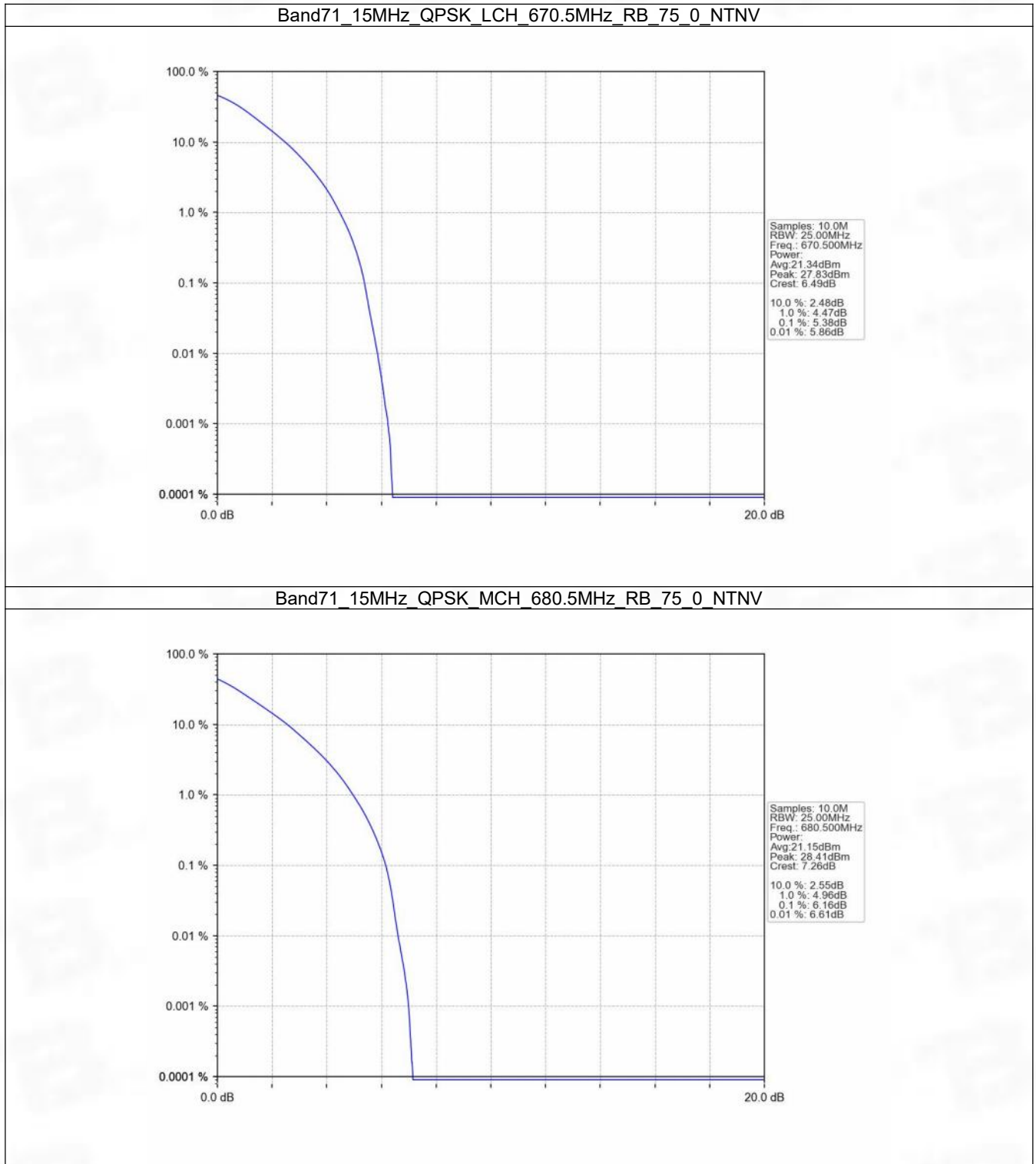
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



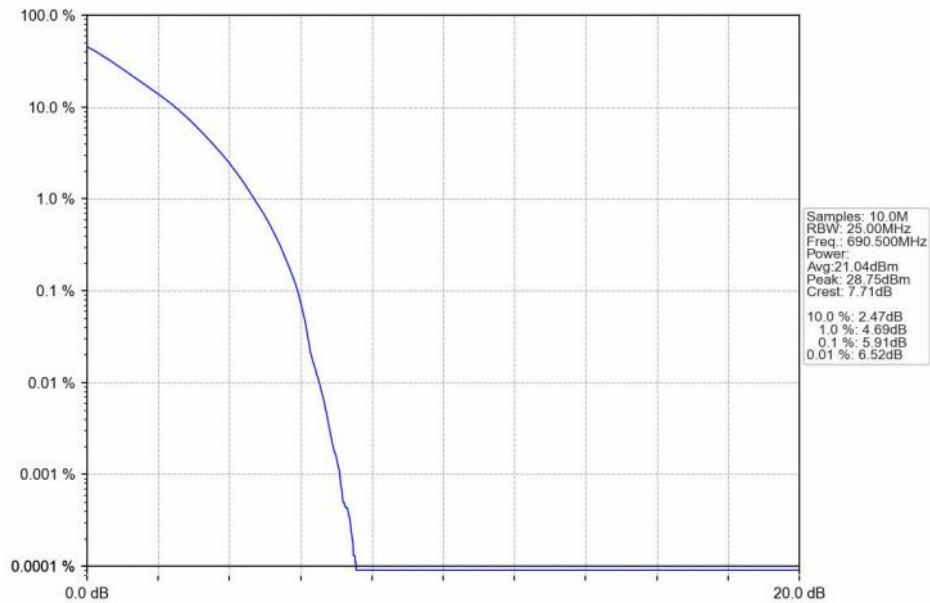
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



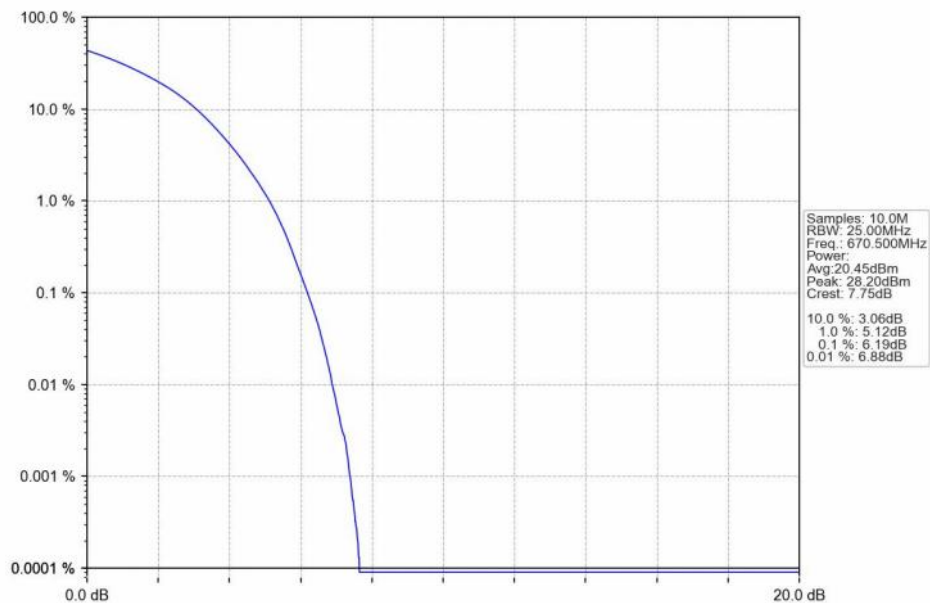
5.2.3 B71_15MHz



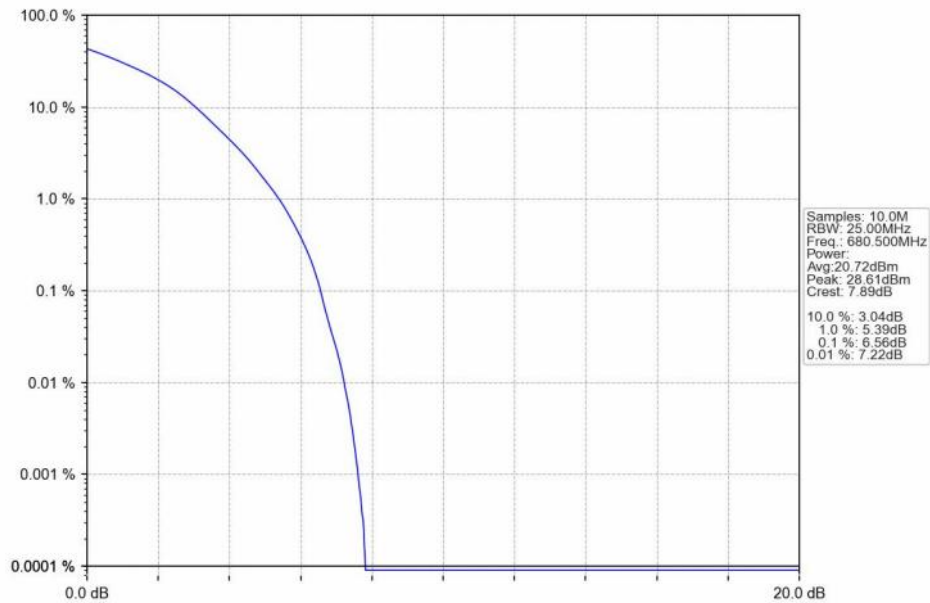
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



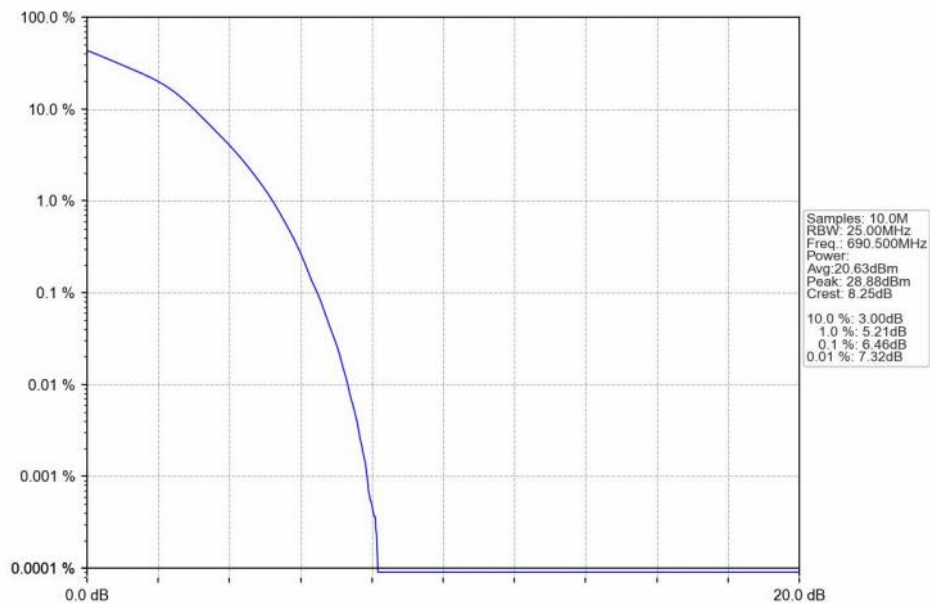
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



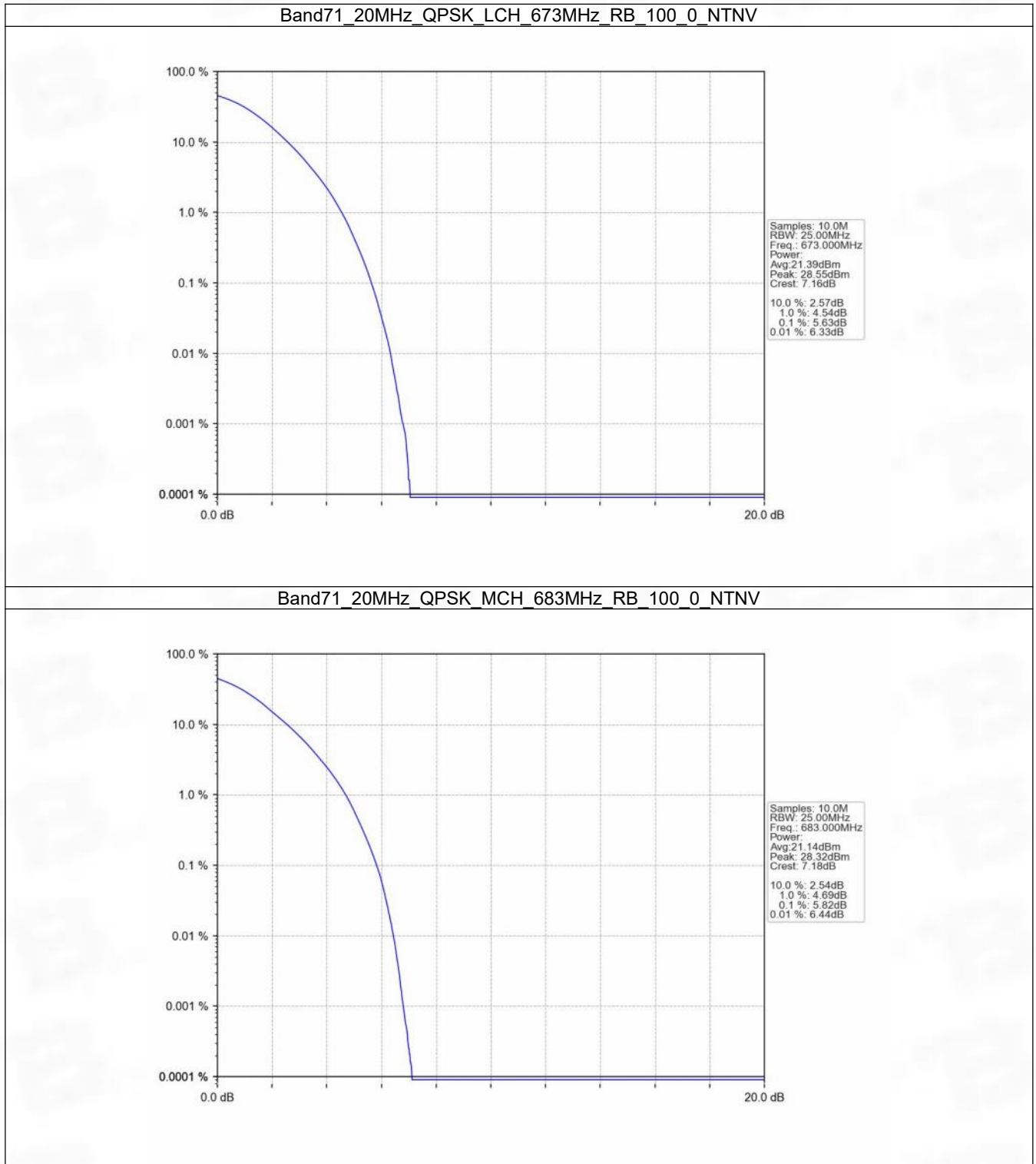
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



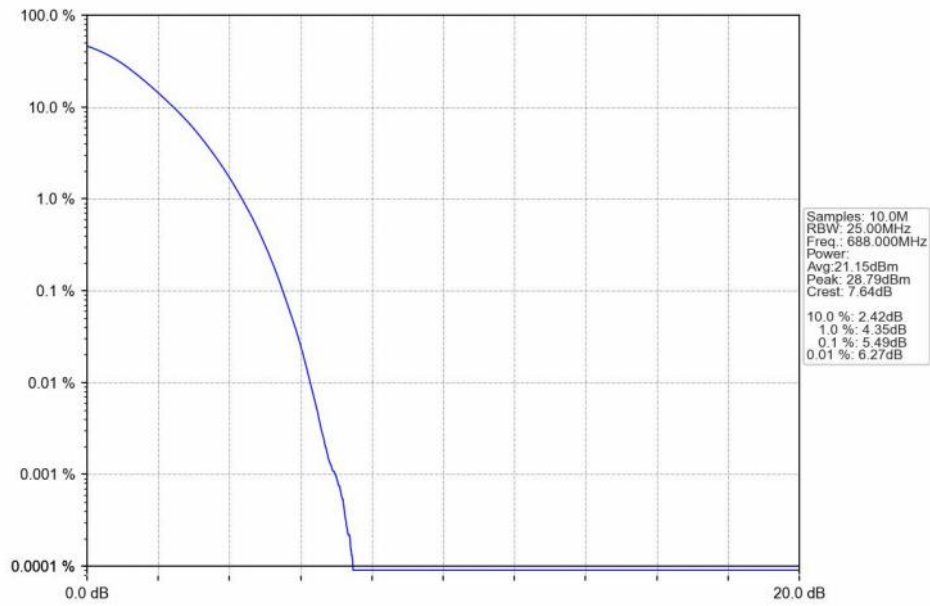
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



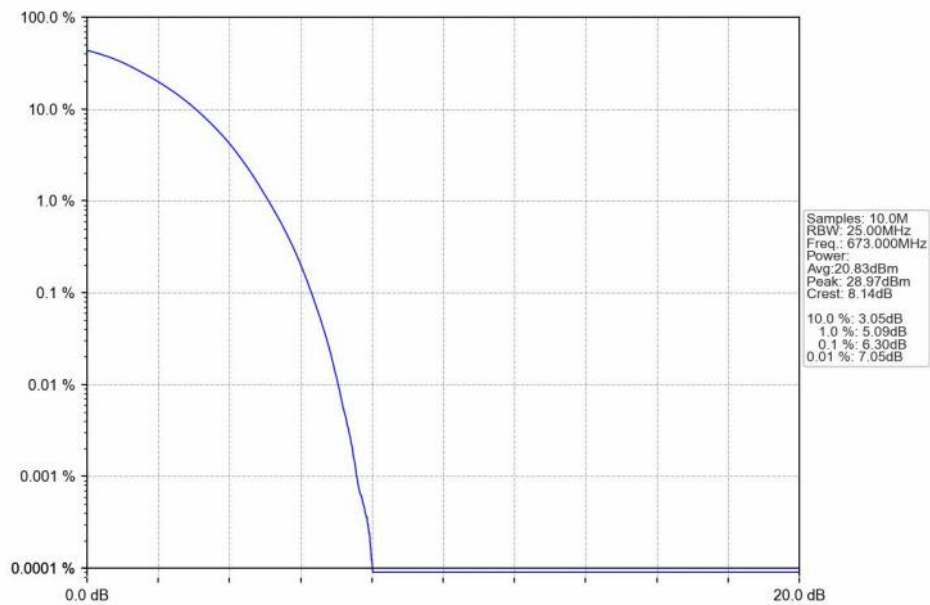
5.2.4 B71_20MHz



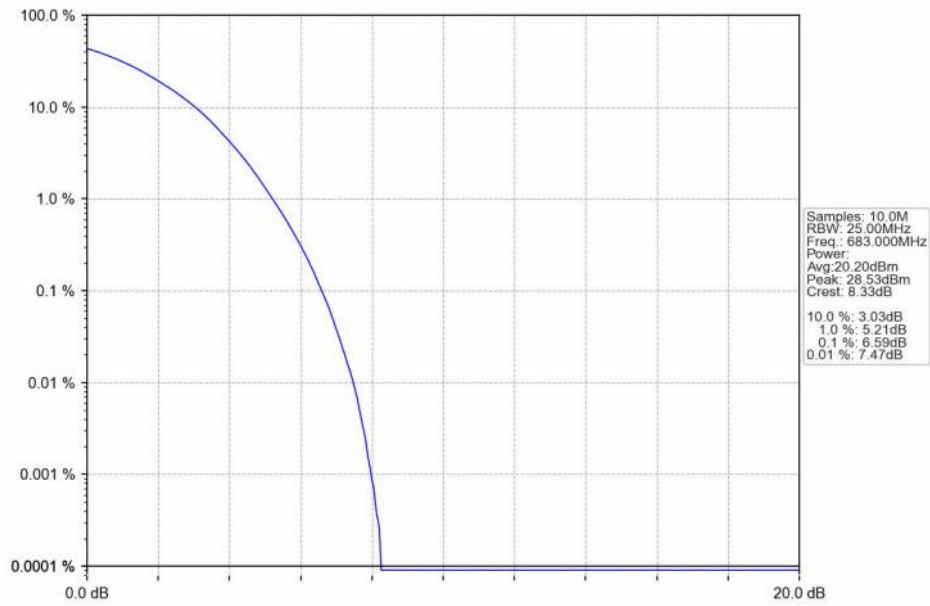
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



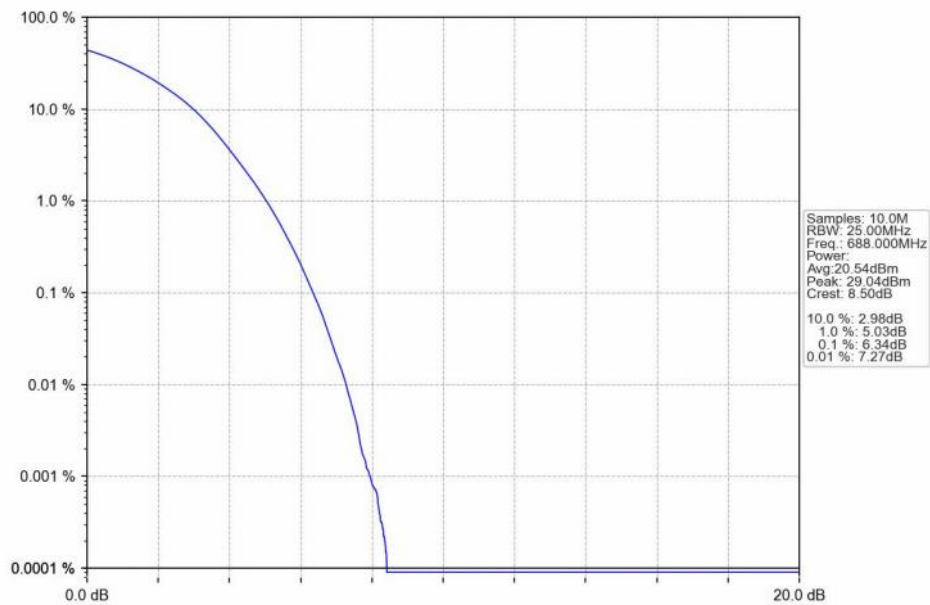
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 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

6.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTN/V						
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

6.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTN/V						
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

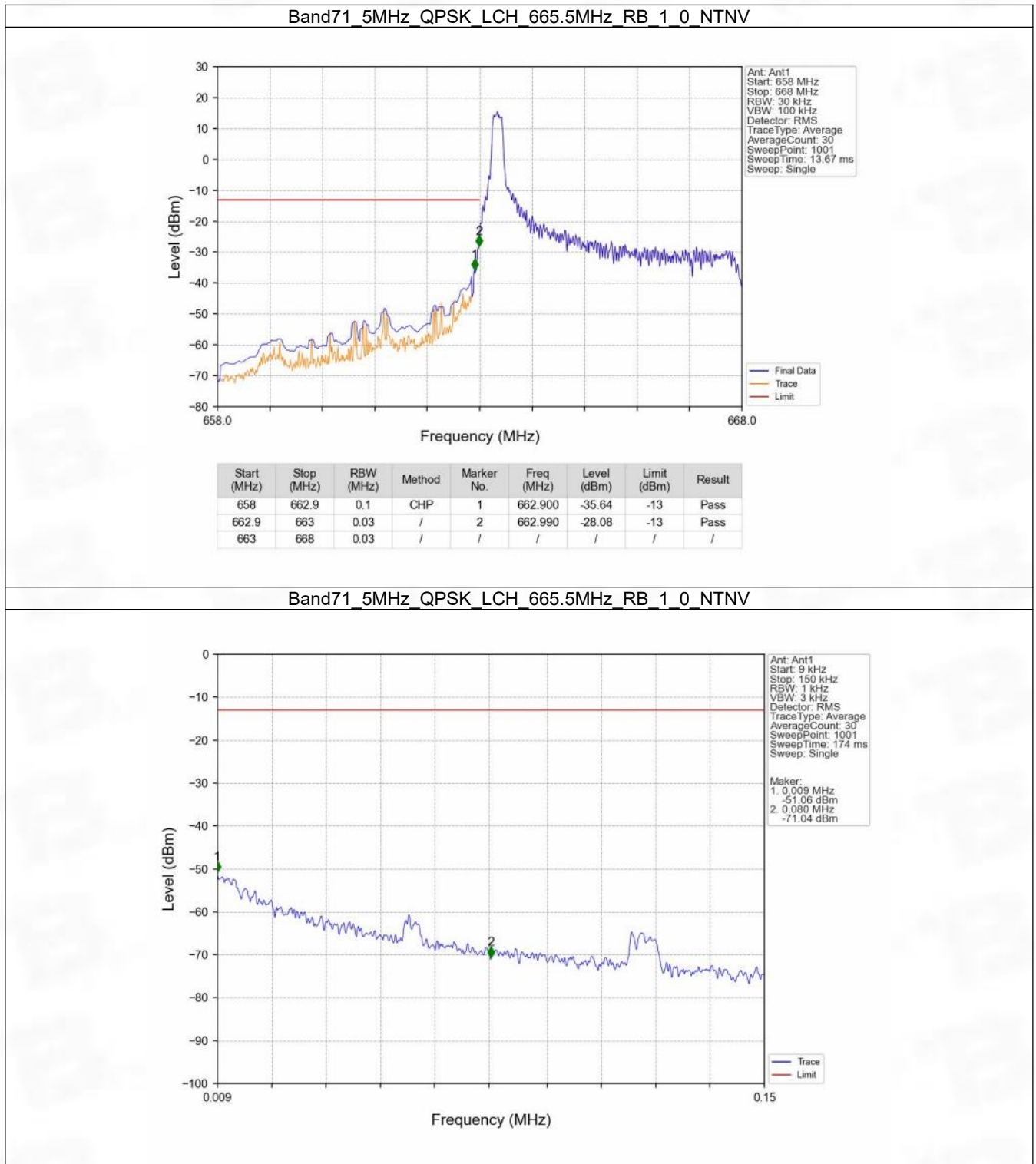
	680.5	1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B71_20MHz

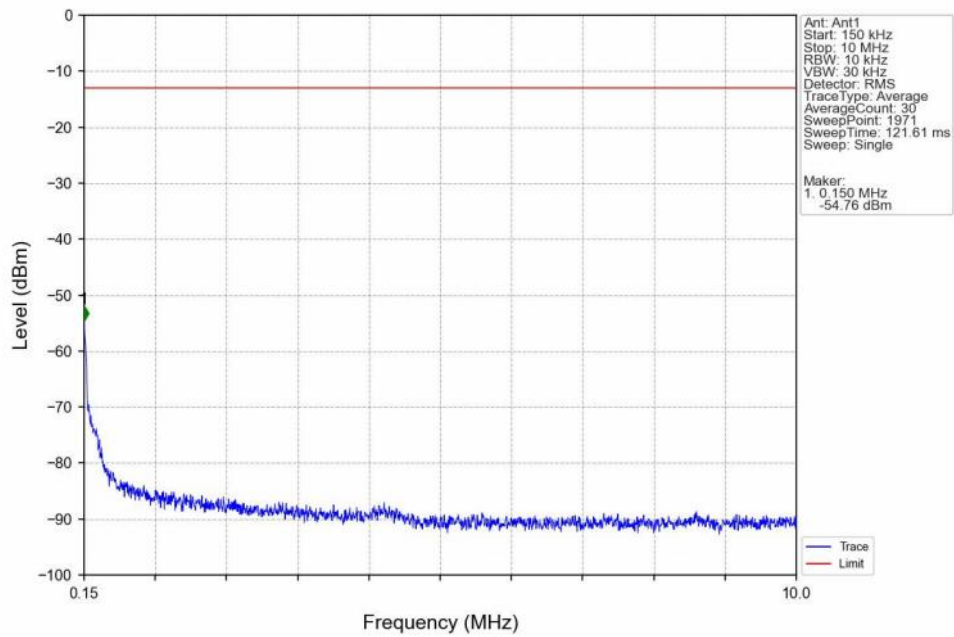
Band: 71 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	673	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	683	1	0	Refer To Test Graph	Pass
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100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

6.2 Test Graph

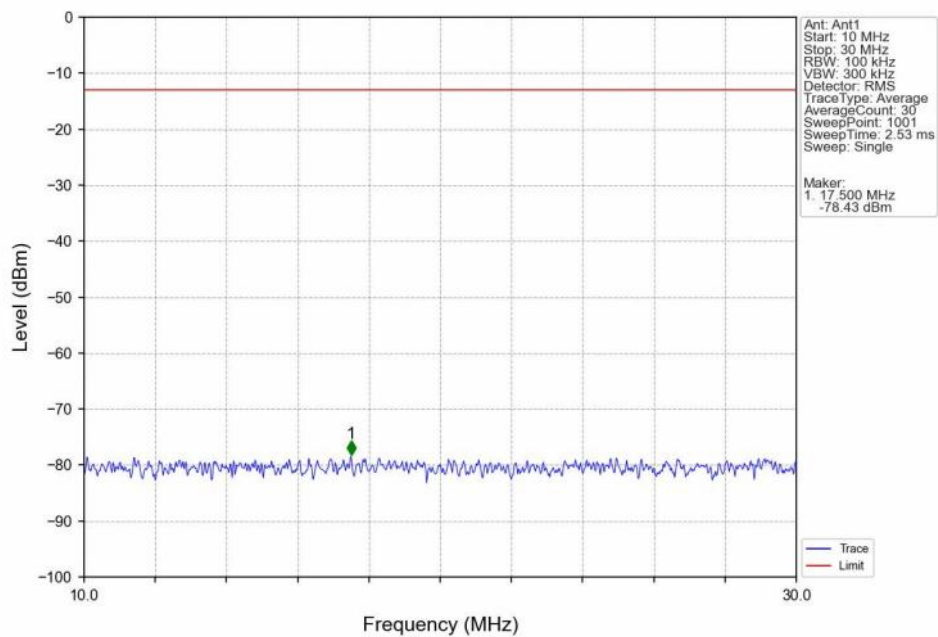
6.2.1 B71_5MHz



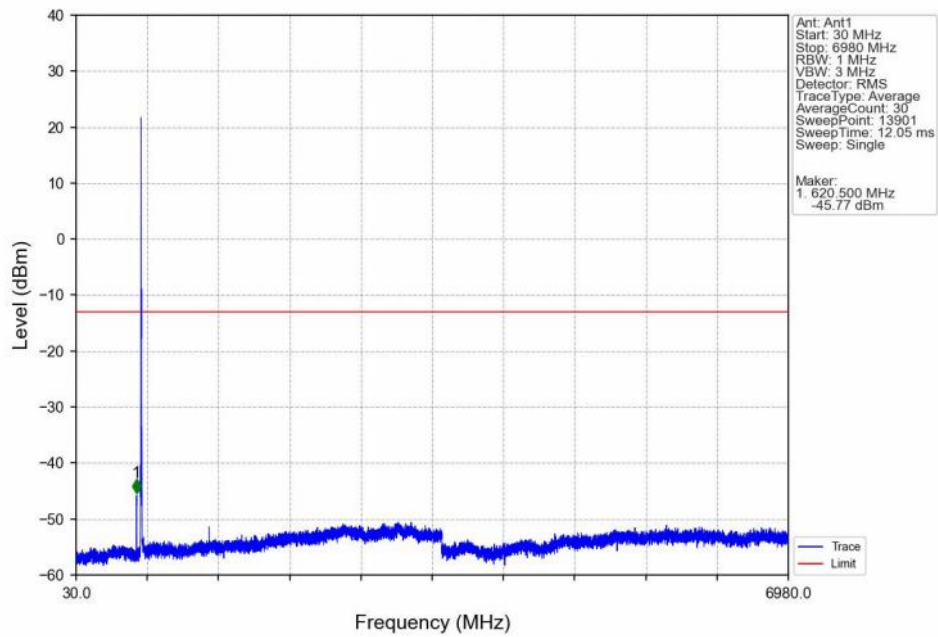
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



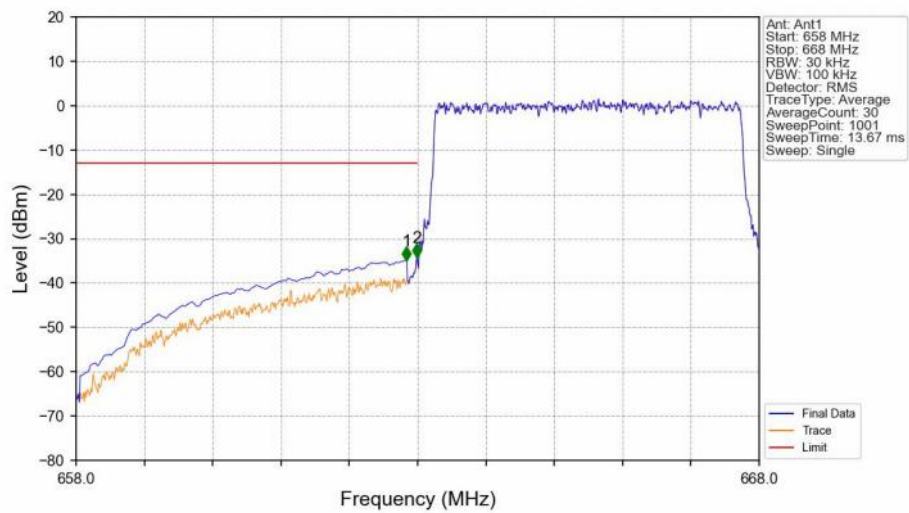
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

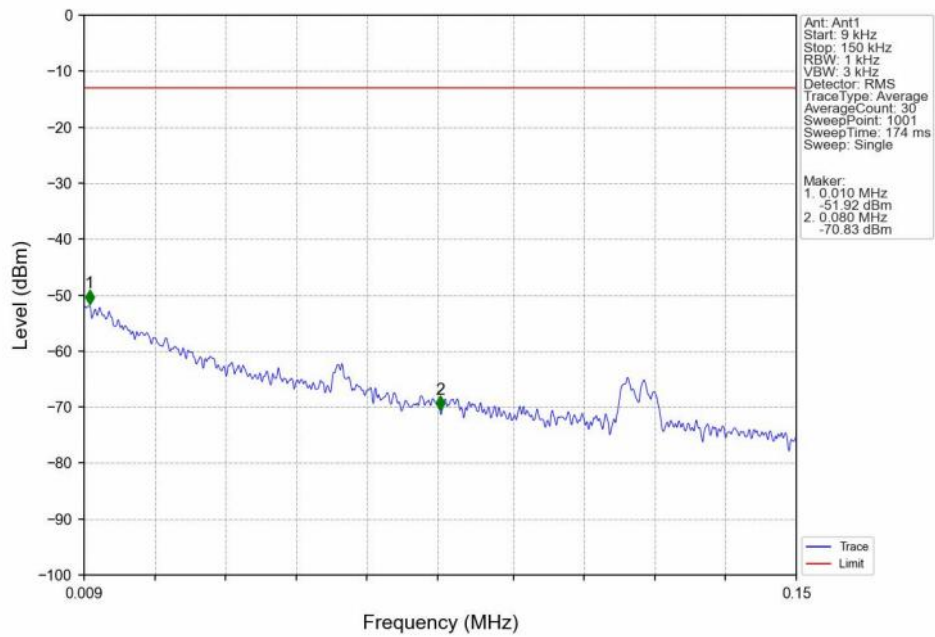


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-34.90	-13	Pass
662.9	663	0.03	/	2	662.990	-34.18	-13	Pass
663	668	0.03	/	/	/	/	/	/

Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV

