

1. Effective (Isotropic) Radiated Power Output Data

1.1 B71_5MHz_ERP

1.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	665.5	1	0	25.03	0.07	22.95	<=34.77	Pass		
			13	25.26	0.07	23.18	<=34.77	Pass		
			24	25.14	0.07	23.06	<=34.77	Pass		
		12	0	24.31	0.07	22.23	<=34.77	Pass		
			6	24.29	0.07	22.21	<=34.77	Pass		
			13	24.13	0.07	22.05	<=34.77	Pass		
		25	0	24.23	0.07	22.15	<=34.77	Pass		
		680.5	1	0	25.46	0.07	23.38	<=34.77	Pass	
				13	25.62	0.07	23.54	<=34.77	Pass	
	24			25.52	0.07	23.44	<=34.77	Pass		
	12		0	24.62	0.07	22.54	<=34.77	Pass		
			6	24.57	0.07	22.49	<=34.77	Pass		
			13	24.44	0.07	22.36	<=34.77	Pass		
	25		0	24.55	0.07	22.47	<=34.77	Pass		
	695.5		1	0	25.73	0.07	23.65	<=34.77	Pass	
				13	25.90	0.07	23.82	<=34.77	Pass	
		24		25.77	0.07	23.69	<=34.77	Pass		
		12	0	24.84	0.07	22.76	<=34.77	Pass		
			6	24.93	0.07	22.85	<=34.77	Pass		
			13	24.75	0.07	22.67	<=34.77	Pass		
		25	0	24.78	0.07	22.70	<=34.77	Pass		
		16QAM	665.5	1	0	24.29	0.07	22.21	<=34.77	Pass
					13	24.56	0.07	22.48	<=34.77	Pass
	24				24.44	0.07	22.36	<=34.77	Pass	
	12			0	23.31	0.07	21.23	<=34.77	Pass	
				6	23.37	0.07	21.29	<=34.77	Pass	
				13	23.14	0.07	21.06	<=34.77	Pass	
25	0			23.23	0.07	21.15	<=34.77	Pass		
680.5	1			0	24.54	0.07	22.46	<=34.77	Pass	
				13	24.68	0.07	22.60	<=34.77	Pass	
			24	24.62	0.07	22.54	<=34.77	Pass		
	12		0	23.65	0.07	21.57	<=34.77	Pass		
			6	23.61	0.07	21.53	<=34.77	Pass		
			13	23.44	0.07	21.36	<=34.77	Pass		
	25		0	23.60	0.07	21.52	<=34.77	Pass		
	695.5		1	0	24.60	0.07	22.52	<=34.77	Pass	
				13	24.81	0.07	22.73	<=34.77	Pass	
24				24.66	0.07	22.58	<=34.77	Pass		
12			0	23.85	0.07	21.77	<=34.77	Pass		
			6	23.94	0.07	21.86	<=34.77	Pass		
			13	23.70	0.07	21.62	<=34.77	Pass		
25			0	23.86	0.07	21.78	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B71_10MHz_ERP

1.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	668	1	0	25.13	0.07	23.05	<=34.77	Pass		
			25	25.44	0.07	23.36	<=34.77	Pass		
			49	25.28	0.07	23.20	<=34.77	Pass		
		25	0	24.62	0.07	22.54	<=34.77	Pass		
			13	24.38	0.07	22.30	<=34.77	Pass		
			25	24.55	0.07	22.47	<=34.77	Pass		
		50	0	24.63	0.07	22.55	<=34.77	Pass		
		680.5	1	0	25.46	0.07	23.38	<=34.77	Pass	
				25	25.74	0.07	23.66	<=34.77	Pass	
	49			25.61	0.07	23.53	<=34.77	Pass		
	25		0	24.89	0.07	22.81	<=34.77	Pass		
			13	24.64	0.07	22.56	<=34.77	Pass		
			25	24.58	0.07	22.50	<=34.77	Pass		
	50		0	24.76	0.07	22.68	<=34.77	Pass		
	693		1	0	25.61	0.07	23.53	<=34.77	Pass	
				25	26.07	0.07	23.99	<=34.77	Pass	
		49		25.86	0.07	23.78	<=34.77	Pass		
		25	0	24.66	0.07	22.58	<=34.77	Pass		
			13	24.92	0.07	22.84	<=34.77	Pass		
			25	24.78	0.07	22.70	<=34.77	Pass		
		50	0	24.73	0.07	22.65	<=34.77	Pass		
		16QAM	668	1	0	24.63	0.07	22.55	<=34.77	Pass
					25	25.01	0.07	22.93	<=34.77	Pass
	49				24.81	0.07	22.73	<=34.77	Pass	
25	0			23.70	0.07	21.62	<=34.77	Pass		
	13			23.45	0.07	21.37	<=34.77	Pass		
	25			23.65	0.07	21.57	<=34.77	Pass		
50	0			23.67	0.07	21.59	<=34.77	Pass		
680.5	1			0	24.62	0.07	22.54	<=34.77	Pass	
				25	24.92	0.07	22.84	<=34.77	Pass	
			49	24.76	0.07	22.68	<=34.77	Pass		
	25		0	23.95	0.07	21.87	<=34.77	Pass		
			13	23.68	0.07	21.60	<=34.77	Pass		
			25	23.64	0.07	21.56	<=34.77	Pass		
	50		0	23.80	0.07	21.72	<=34.77	Pass		
	693		1	0	24.61	0.07	22.53	<=34.77	Pass	
				25	25.02	0.07	22.94	<=34.77	Pass	
49				24.88	0.07	22.80	<=34.77	Pass		
25			0	23.76	0.07	21.68	<=34.77	Pass		
			13	23.98	0.07	21.90	<=34.77	Pass		
			25	23.84	0.07	21.76	<=34.77	Pass		
50			0	23.80	0.07	21.72	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B71_15MHz_ERP

1.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	670.5	1	0	25.01	0.07	22.93	<=34.77	Pass		
			38	25.25	0.07	23.17	<=34.77	Pass		
			74	25.36	0.07	23.28	<=34.77	Pass		
		36	0	24.40	0.07	22.32	<=34.77	Pass		
			18	24.33	0.07	22.25	<=34.77	Pass		
			39	24.65	0.07	22.57	<=34.77	Pass		
		75	0	24.51	0.07	22.43	<=34.77	Pass		
		680.5	1	0	25.26	0.07	23.18	<=34.77	Pass	
				38	25.60	0.07	23.52	<=34.77	Pass	
	74			25.48	0.07	23.40	<=34.77	Pass		
	36		0	24.66	0.07	22.58	<=34.77	Pass		
			18	24.61	0.07	22.53	<=34.77	Pass		
			39	24.64	0.07	22.56	<=34.77	Pass		
	75		0	24.65	0.07	22.57	<=34.77	Pass		
	690.5		1	0	25.41	0.07	23.33	<=34.77	Pass	
				38	25.79	0.07	23.71	<=34.77	Pass	
		74		25.72	0.07	23.64	<=34.77	Pass		
		36	0	24.55	0.07	22.47	<=34.77	Pass		
			18	24.82	0.07	22.74	<=34.77	Pass		
			39	24.86	0.07	22.78	<=34.77	Pass		
		75	0	24.73	0.07	22.65	<=34.77	Pass		
		16QAM	670.5	1	0	24.54	0.07	22.46	<=34.77	Pass
					38	24.85	0.07	22.77	<=34.77	Pass
	74				24.92	0.07	22.84	<=34.77	Pass	
36	0			23.46	0.07	21.38	<=34.77	Pass		
	18			23.36	0.07	21.28	<=34.77	Pass		
	39			23.64	0.07	21.56	<=34.77	Pass		
75	0			23.53	0.07	21.45	<=34.77	Pass		
680.5	1			0	24.42	0.07	22.34	<=34.77	Pass	
				38	24.77	0.07	22.69	<=34.77	Pass	
			74	24.62	0.07	22.54	<=34.77	Pass		
	36		0	23.66	0.07	21.58	<=34.77	Pass		
			18	23.65	0.07	21.57	<=34.77	Pass		
			39	23.71	0.07	21.63	<=34.77	Pass		
	75		0	23.66	0.07	21.58	<=34.77	Pass		
	690.5		1	0	24.76	0.07	22.68	<=34.77	Pass	
				38	25.19	0.07	23.11	<=34.77	Pass	
74				25.09	0.07	23.01	<=34.77	Pass		
36			0	23.52	0.07	21.44	<=34.77	Pass		
			18	23.78	0.07	21.70	<=34.77	Pass		
			39	23.89	0.07	21.81	<=34.77	Pass		
75			0	23.70	0.07	21.62	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B71_20MHz_ERP

1.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	673	1	0	24.89	0.07	22.81	<=34.77	Pass		
			50	25.55	0.07	23.47	<=34.77	Pass		
			99	25.35	0.07	23.27	<=34.77	Pass		
		50	0	24.29	0.07	22.21	<=34.77	Pass		
			25	24.40	0.07	22.32	<=34.77	Pass		
			50	24.25	0.07	22.17	<=34.77	Pass		
		100	0	24.30	0.07	22.22	<=34.77	Pass		
		683	1	0	25.15	0.07	23.07	<=34.77	Pass	
				50	25.78	0.07	23.70	<=34.77	Pass	
	99			25.60	0.07	23.52	<=34.77	Pass		
	50		0	24.99	0.07	22.91	<=34.77	Pass		
			25	24.68	0.07	22.60	<=34.77	Pass		
			50	25.03	0.07	22.95	<=34.77	Pass		
	100		0	25.00	0.07	22.92	<=34.77	Pass		
	688		1	0	25.24	0.07	23.16	<=34.77	Pass	
				50	25.77	0.07	23.69	<=34.77	Pass	
		99		25.61	0.07	23.53	<=34.77	Pass		
		50	0	24.73	0.07	22.65	<=34.77	Pass		
			25	24.78	0.07	22.70	<=34.77	Pass		
			50	24.99	0.07	22.91	<=34.77	Pass		
		100	0	24.83	0.07	22.75	<=34.77	Pass		
		16QAM	673	1	0	24.17	0.07	22.09	<=34.77	Pass
					50	24.74	0.07	22.66	<=34.77	Pass
	99				24.62	0.07	22.54	<=34.77	Pass	
50	0			23.34	0.07	21.26	<=34.77	Pass		
	25			23.41	0.07	21.33	<=34.77	Pass		
	50			23.27	0.07	21.19	<=34.77	Pass		
100	0			23.34	0.07	21.26	<=34.77	Pass		
683	1			0	24.34	0.07	22.26	<=34.77	Pass	
				50	24.97	0.07	22.89	<=34.77	Pass	
			99	24.79	0.07	22.71	<=34.77	Pass		
	50		0	23.99	0.07	21.91	<=34.77	Pass		
			25	23.70	0.07	21.62	<=34.77	Pass		
			50	24.13	0.07	22.05	<=34.77	Pass		
	100		0	24.01	0.07	21.93	<=34.77	Pass		
	688		1	0	24.80	0.07	22.72	<=34.77	Pass	
				50	25.34	0.07	23.26	<=34.77	Pass	
99				25.24	0.07	23.16	<=34.77	Pass		
50			0	23.80	0.07	21.72	<=34.77	Pass		
			25	23.74	0.07	21.66	<=34.77	Pass		
			50	24.00	0.07	21.92	<=34.77	Pass		
100			0	23.87	0.07	21.79	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B71_5MHz

2.1.1 Test Result

Band: 71 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	665.5	25	0	20	3.27	-6.952	-0.0104	-2.5 to 2.5	Pass	
					3.85	-4.435	-0.0067	-2.5 to 2.5	Pass	
					4.43	-10.672	-0.0160	-2.5 to 2.5	Pass	
				-30	3.85	-7.782	-0.0117	-2.5 to 2.5	Pass	
					-20	3.85	-7.710	-0.0116	-2.5 to 2.5	Pass
						-10	3.85	-5.608	-0.0084	-2.5 to 2.5
				0	3.85	-4.592	-0.0069	-2.5 to 2.5	Pass	
					10	3.85	-7.696	-0.0116	-2.5 to 2.5	Pass
					30	3.85	-5.751	-0.0086	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-7.024	-0.0103	-2.5 to 2.5	Pass	
					3.85	-8.068	-0.0119	-2.5 to 2.5	Pass	
					4.43	-9.727	-0.0143	-2.5 to 2.5	Pass	
				-30	3.85	-6.409	-0.0094	-2.5 to 2.5	Pass	
					-20	3.85	-4.649	-0.0068	-2.5 to 2.5	Pass
						-10	3.85	-8.726	-0.0128	-2.5 to 2.5
				0	3.85	-3.848	-0.0057	-2.5 to 2.5	Pass	
					10	3.85	-6.595	-0.0097	-2.5 to 2.5	Pass
					30	3.85	-8.154	-0.0120	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-7.167	-0.0103	-2.5 to 2.5	Pass	
					3.85	-8.926	-0.0128	-2.5 to 2.5	Pass	
					4.43	-7.195	-0.0103	-2.5 to 2.5	Pass	
				-30	3.85	-7.610	-0.0109	-2.5 to 2.5	Pass	
					-20	3.85	-5.522	-0.0079	-2.5 to 2.5	Pass
						-10	3.85	-5.007	-0.0072	-2.5 to 2.5
				0	3.85	-9.370	-0.0135	-2.5 to 2.5	Pass	
					10	3.85	-5.407	-0.0078	-2.5 to 2.5	Pass
					30	3.85	-8.068	-0.0116	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	-8.712	-0.0131	-2.5 to 2.5	Pass	
					3.85	-11.816	-0.0178	-2.5 to 2.5	Pass	
					4.43	-8.240	-0.0124	-2.5 to 2.5	Pass	
				-30	3.85	-4.978	-0.0075	-2.5 to 2.5	Pass	
					-20	3.85	-3.433	-0.0052	-2.5 to 2.5	Pass
						-10	3.85	-7.224	-0.0109	-2.5 to 2.5
				0	3.85	-7.553	-0.0113	-2.5 to 2.5	Pass	
					10	3.85	-11.287	-0.0170	-2.5 to 2.5	Pass
					30	3.85	-5.064	-0.0076	-2.5 to 2.5	Pass
	40	3.85	-8.211	-0.0123	-2.5 to 2.5	Pass				
	50	3.85	-11.029	-0.0166	-2.5 to 2.5	Pass				

	680.5	25	0	20	3.27	-3.948	-0.0058	-2.5 to 2.5	Pass	
					3.85	-8.826	-0.0130	-2.5 to 2.5	Pass	
					4.43	-6.466	-0.0095	-2.5 to 2.5	Pass	
				-30	3.85	-4.549	-0.0067	-2.5 to 2.5	Pass	
					-20	3.85	-4.478	-0.0066	-2.5 to 2.5	Pass
						-10	3.85	-11.573	-0.0170	-2.5 to 2.5
				0	3.85	-7.639	-0.0112	-2.5 to 2.5	Pass	
					10	3.85	-8.597	-0.0126	-2.5 to 2.5	Pass
					30	3.85	-7.868	-0.0116	-2.5 to 2.5	Pass
	40	3.85	-3.748		-0.0055	-2.5 to 2.5	Pass			
	50	3.85	-4.663		-0.0069	-2.5 to 2.5	Pass			
	3.85	-3.705	-0.0053		-2.5 to 2.5	Pass				
	695.5	25	0	20	3.27	-5.579	-0.0080	-2.5 to 2.5	Pass	
					3.85	-6.037	-0.0087	-2.5 to 2.5	Pass	
					4.43	-5.822	-0.0084	-2.5 to 2.5	Pass	
				-30	3.85	-5.050	-0.0073	-2.5 to 2.5	Pass	
					-20	3.85	-6.022	-0.0087	-2.5 to 2.5	Pass
						-10	3.85	-6.223	-0.0089	-2.5 to 2.5
0				3.85	-7.396	-0.0106	-2.5 to 2.5	Pass		
				10	3.85	-13.461	-0.0194	-2.5 to 2.5	Pass	
				30	3.85	-4.764	-0.0068	-2.5 to 2.5	Pass	
				40	3.85	-7.753	-0.0111	-2.5 to 2.5	Pass	
				50	3.85	-3.705	-0.0053	-2.5 to 2.5	Pass	
				3.85	-3.705	-0.0053	-2.5 to 2.5	Pass		

2.2 B71_10MHz

2.2.1 Test Result

Band: 71 / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	668	50	0	20	3.27	-8.140	-0.0122	-2.5 to 2.5	Pass	
					3.85	-5.322	-0.0080	-2.5 to 2.5	Pass	
					4.43	-5.980	-0.0090	-2.5 to 2.5	Pass	
				-30	3.85	-4.892	-0.0073	-2.5 to 2.5	Pass	
					-20	3.85	-6.652	-0.0100	-2.5 to 2.5	Pass
						-10	3.85	-8.154	-0.0122	-2.5 to 2.5
				0	3.85	-5.193	-0.0078	-2.5 to 2.5	Pass	
					10	3.85	-7.524	-0.0113	-2.5 to 2.5	Pass
					30	3.85	-3.490	-0.0052	-2.5 to 2.5	Pass
	40	3.85	-4.177		-0.0063	-2.5 to 2.5	Pass			
	50	3.85	-3.891		-0.0058	-2.5 to 2.5	Pass			
	3.85	-3.891	-0.0058		-2.5 to 2.5	Pass				
	680.5	50	0	20	3.27	-7.424	-0.0109	-2.5 to 2.5	Pass	
					3.85	-8.612	-0.0127	-2.5 to 2.5	Pass	
					4.43	-7.381	-0.0108	-2.5 to 2.5	Pass	
				-30	3.85	-8.168	-0.0120	-2.5 to 2.5	Pass	
					-20	3.85	-6.452	-0.0095	-2.5 to 2.5	Pass
						-10	3.85	-6.251	-0.0092	-2.5 to 2.5
0				3.85	-6.337	-0.0093	-2.5 to 2.5	Pass		
				10	3.85	-7.668	-0.0113	-2.5 to 2.5	Pass	
				30	3.85	-6.866	-0.0101	-2.5 to 2.5	Pass	
	40	3.85	-6.065	-0.0089	-2.5 to 2.5	Pass				
	50	3.85	-8.812	-0.0129	-2.5 to 2.5	Pass				
	3.85	-8.812	-0.0129	-2.5 to 2.5	Pass					

	693	50	0	20	3.27	-6.924	-0.0100	-2.5 to 2.5	Pass
					3.85	-4.306	-0.0062	-2.5 to 2.5	Pass
					4.43	-8.125	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-4.849	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-4.492	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-8.926	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-9.642	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-8.154	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-4.749	-0.0069	-2.5 to 2.5	Pass
50	3.85	-6.795	-0.0098	-2.5 to 2.5	Pass				
16QAM	668	50	0	20	3.27	-7.925	-0.0119	-2.5 to 2.5	Pass
					3.85	-10.600	-0.0159	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-6.309	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-2.460	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-3.676	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-3.963	-0.0059	-2.5 to 2.5	Pass
	50	3.85	-6.595	-0.0099	-2.5 to 2.5	Pass			
	680.5	50	0	20	3.27	-3.605	-0.0053	-2.5 to 2.5	Pass
					3.85	-3.591	-0.0053	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-8.669	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-7.052	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-4.964	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-7.710	-0.0113	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0070	-2.5 to 2.5	Pass
	50	3.85	-6.366	-0.0094	-2.5 to 2.5	Pass			
	693	50	0	20	3.27	-8.655	-0.0125	-2.5 to 2.5	Pass
					3.85	-7.339	-0.0106	-2.5 to 2.5	Pass
					4.43	-7.424	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-7.210	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-6.094	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	-6.437	-0.0093	-2.5 to 2.5	Pass
0				3.85	-5.751	-0.0083	-2.5 to 2.5	Pass	
10				3.85	-6.309	-0.0091	-2.5 to 2.5	Pass	
30				3.85	-8.125	-0.0117	-2.5 to 2.5	Pass	
40				3.85	-7.439	-0.0107	-2.5 to 2.5	Pass	
50	3.85	-8.984	-0.0130	-2.5 to 2.5	Pass				



2.3 B71_15MHz

2.3.1 Test Result

Band: 71 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	670.5	75	0	20	3.27	-7.324	-0.0109	-2.5 to 2.5	Pass
					3.85	-5.836	-0.0087	-2.5 to 2.5	Pass
					4.43	-8.054	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-7.596	-0.0113	-2.5 to 2.5	Pass
				-20	3.85	-9.885	-0.0147	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-4.621	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-5.465	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-10.028	-0.0150	-2.5 to 2.5	Pass
	50	3.85	-5.493	-0.0082	-2.5 to 2.5	Pass			
	680.5	75	0	20	3.27	-5.093	-0.0075	-2.5 to 2.5	Pass
					3.85	-7.381	-0.0108	-2.5 to 2.5	Pass
					4.43	-6.580	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-5.193	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-8.168	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-4.735	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0068	-2.5 to 2.5	Pass
	50	3.85	-5.393	-0.0079	-2.5 to 2.5	Pass			
	690.5	75	0	20	3.27	-6.652	-0.0096	-2.5 to 2.5	Pass
					3.85	-8.183	-0.0119	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-6.924	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-6.509	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-5.507	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-5.121	-0.0074	-2.5 to 2.5	Pass
30				3.85	-8.855	-0.0128	-2.5 to 2.5	Pass	
40				3.85	-6.366	-0.0092	-2.5 to 2.5	Pass	
50	3.85	-7.825	-0.0113	-2.5 to 2.5	Pass				
16QAM	670.5	75	0	20	3.27	-7.410	-0.0111	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0112	-2.5 to 2.5	Pass
					4.43	-4.792	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-8.569	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-6.123	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-3.405	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-9.584	-0.0143	-2.5 to 2.5	Pass
				30	3.85	-7.682	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-6.466	-0.0096	-2.5 to 2.5	Pass
	50	3.85	-5.379	-0.0080	-2.5 to 2.5	Pass			
	680.5	75	0	20	3.27	-5.307	-0.0078	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0065	-2.5 to 2.5	Pass
					4.43	-7.596	-0.0112	-2.5 to 2.5	Pass



	690.5	75	0	-30	3.85	-3.190	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-6.051	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-4.935	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-7.310	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-6.666	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-4.220	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-5.865	-0.0086	-2.5 to 2.5	Pass
				690.5	75	0	20	3.27	-3.862
	3.85	-4.234	-0.0061					-2.5 to 2.5	Pass
	4.43	-5.107	-0.0074					-2.5 to 2.5	Pass
	-30	3.85	-4.377				-0.0063	-2.5 to 2.5	Pass
	-20	3.85	-4.778				-0.0069	-2.5 to 2.5	Pass
	-10	3.85	-3.719				-0.0054	-2.5 to 2.5	Pass
	0	3.85	-8.397				-0.0122	-2.5 to 2.5	Pass
	10	3.85	-4.606				-0.0067	-2.5 to 2.5	Pass
	30	3.85	-3.490				-0.0051	-2.5 to 2.5	Pass
	40	3.85	-5.937	-0.0086	-2.5 to 2.5	Pass			
50	3.85	-4.821	-0.0070	-2.5 to 2.5	Pass				

2.4 B71_20MHz

2.4.1 Test Result

Band: 71 / Bandwidth: 20MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	673	100	0	20	3.27	-8.454	-0.0126	-2.5 to 2.5	Pass			
					3.85	-5.250	-0.0078	-2.5 to 2.5	Pass			
					4.43	-7.796	-0.0116	-2.5 to 2.5	Pass			
				-30	3.85	-7.882	-0.0117	-2.5 to 2.5	Pass			
				-20	3.85	-5.479	-0.0081	-2.5 to 2.5	Pass			
				-10	3.85	-6.909	-0.0103	-2.5 to 2.5	Pass			
				0	3.85	-7.710	-0.0115	-2.5 to 2.5	Pass			
				10	3.85	-7.668	-0.0114	-2.5 to 2.5	Pass			
				30	3.85	-8.082	-0.0120	-2.5 to 2.5	Pass			
				40	3.85	-6.337	-0.0094	-2.5 to 2.5	Pass			
				50	3.85	-7.267	-0.0108	-2.5 to 2.5	Pass			
				683	100	0	20	3.27	-4.349	-0.0064	-2.5 to 2.5	Pass
								3.85	-6.795	-0.0099	-2.5 to 2.5	Pass
								4.43	-6.652	-0.0097	-2.5 to 2.5	Pass
							-30	3.85	-4.706	-0.0069	-2.5 to 2.5	Pass
	-20	3.85	-6.766				-0.0099	-2.5 to 2.5	Pass			
	-10	3.85	-5.679				-0.0083	-2.5 to 2.5	Pass			
	0	3.85	-6.881				-0.0101	-2.5 to 2.5	Pass			
	10	3.85	-5.050				-0.0074	-2.5 to 2.5	Pass			
	30	3.85	-6.795				-0.0099	-2.5 to 2.5	Pass			
	688	100	0	20	3.27	-6.194	-0.0090	-2.5 to 2.5	Pass			
					3.85	-2.875	-0.0042	-2.5 to 2.5	Pass			
					4.43	-5.908	-0.0086	-2.5 to 2.5	Pass			



				-30	3.85	-6.166	-0.0090	-2.5 to 2.5	Pass							
				-20	3.85	-9.813	-0.0143	-2.5 to 2.5	Pass							
				-10	3.85	-4.921	-0.0072	-2.5 to 2.5	Pass							
				0	3.85	-8.512	-0.0124	-2.5 to 2.5	Pass							
				10	3.85	-10.014	-0.0146	-2.5 to 2.5	Pass							
				30	3.85	-8.798	-0.0128	-2.5 to 2.5	Pass							
				40	3.85	-4.263	-0.0062	-2.5 to 2.5	Pass							
				50	3.85	-6.995	-0.0102	-2.5 to 2.5	Pass							
16QAM	673	100	0	20	3.27	-6.809	-0.0101	-2.5 to 2.5	Pass							
					3.85	-8.183	-0.0122	-2.5 to 2.5	Pass							
					4.43	-11.272	-0.0167	-2.5 to 2.5	Pass							
				683	100	0	-30	3.85	-9.484	-0.0141	-2.5 to 2.5	Pass				
								-20	3.85	-8.197	-0.0122	-2.5 to 2.5	Pass			
								-10	3.85	-6.738	-0.0100	-2.5 to 2.5	Pass			
							688	100	0	0	3.85	-10.586	-0.0157	-2.5 to 2.5	Pass	
											10	3.85	-7.467	-0.0111	-2.5 to 2.5	Pass
											30	3.85	-4.263	-0.0063	-2.5 to 2.5	Pass
	683	100	0							40	3.85	-9.027	-0.0134	-2.5 to 2.5	Pass	
											50	3.85	-4.263	-0.0063	-2.5 to 2.5	Pass
											20	3.27	-4.749	-0.0070	-2.5 to 2.5	Pass
				3.85	-7.267	-0.0106				-2.5 to 2.5		Pass				
				4.43	-6.924	-0.0101				-2.5 to 2.5		Pass				
				688	100	0				-30	3.85	-6.351	-0.0093	-2.5 to 2.5	Pass	
							-20	3.85	-5.393		-0.0079	-2.5 to 2.5	Pass			
							-10	3.85	-5.908		-0.0087	-2.5 to 2.5	Pass			
							688	100	0	0	3.85	-2.789	-0.0041	-2.5 to 2.5	Pass	
	10	3.85	-8.283								-0.0121	-2.5 to 2.5	Pass			
	30	3.85	-4.964								-0.0073	-2.5 to 2.5	Pass			
	688	100	0							40	3.85	-6.766	-0.0099	-2.5 to 2.5	Pass	
											50	3.85	-6.766	-0.0099	-2.5 to 2.5	Pass
											20	3.27	-5.293	-0.0077	-2.5 to 2.5	Pass
				3.85	-6.909	-0.0100				-2.5 to 2.5		Pass				
				4.43	-7.710	-0.0112				-2.5 to 2.5		Pass				
				688	100	0				-30	3.85	-7.467	-0.0109	-2.5 to 2.5	Pass	
							-20	3.85	-8.769		-0.0127	-2.5 to 2.5	Pass			
-10							3.85	-7.124	-0.0104		-2.5 to 2.5	Pass				
688							100	0	0	3.85	-5.264	-0.0077	-2.5 to 2.5	Pass		
	10	3.85	-8.140							-0.0118	-2.5 to 2.5	Pass				
	30	3.85	-4.063							-0.0059	-2.5 to 2.5	Pass				
	688	100	0						40	3.85	-7.882	-0.0115	-2.5 to 2.5	Pass		
										50	3.85	-6.466	-0.0094	-2.5 to 2.5	Pass	

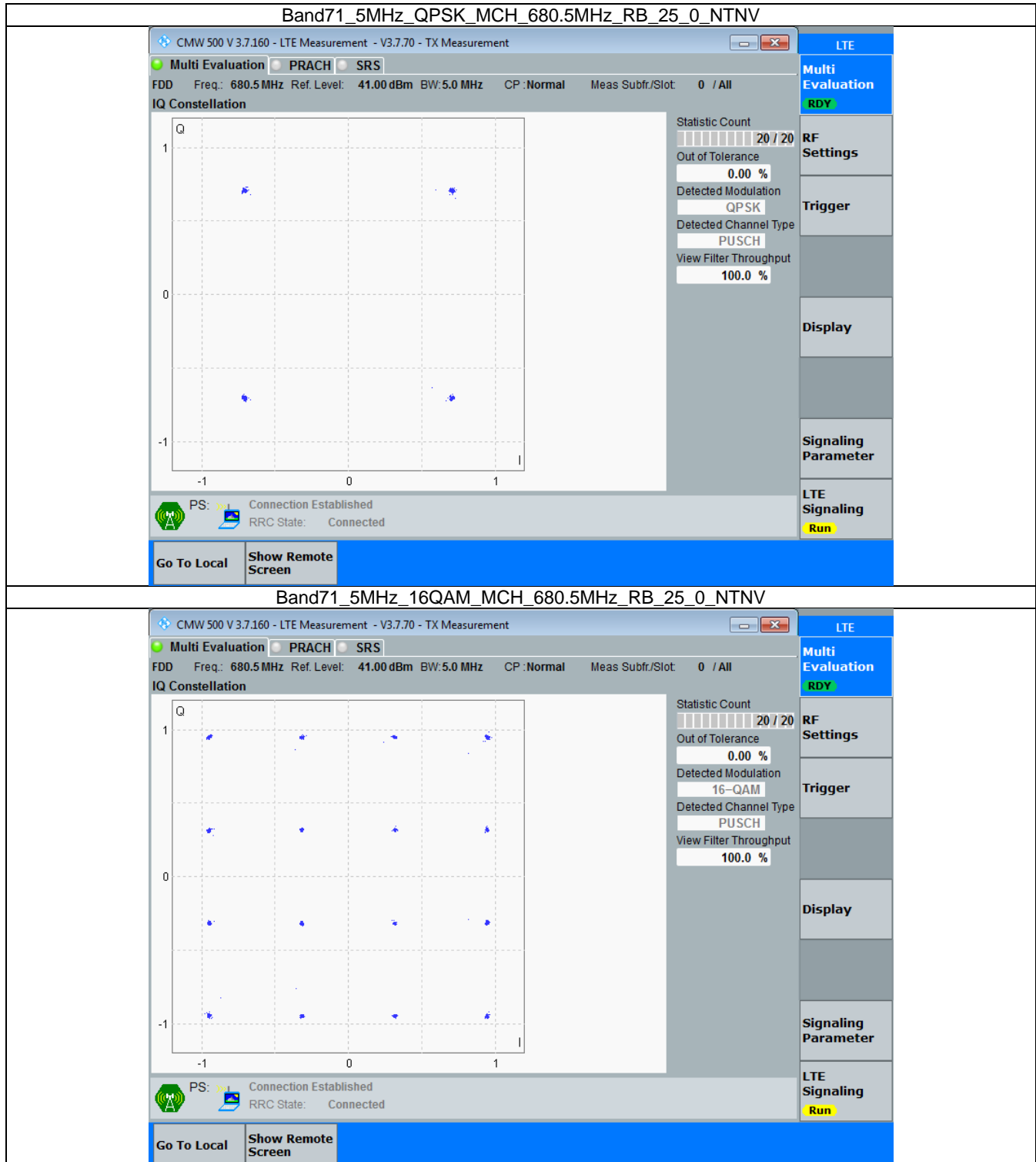
3. Modulation Characteristics

3.1 B71_5MHz

3.1.1 Test Result

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

3.1.2 Test Graph



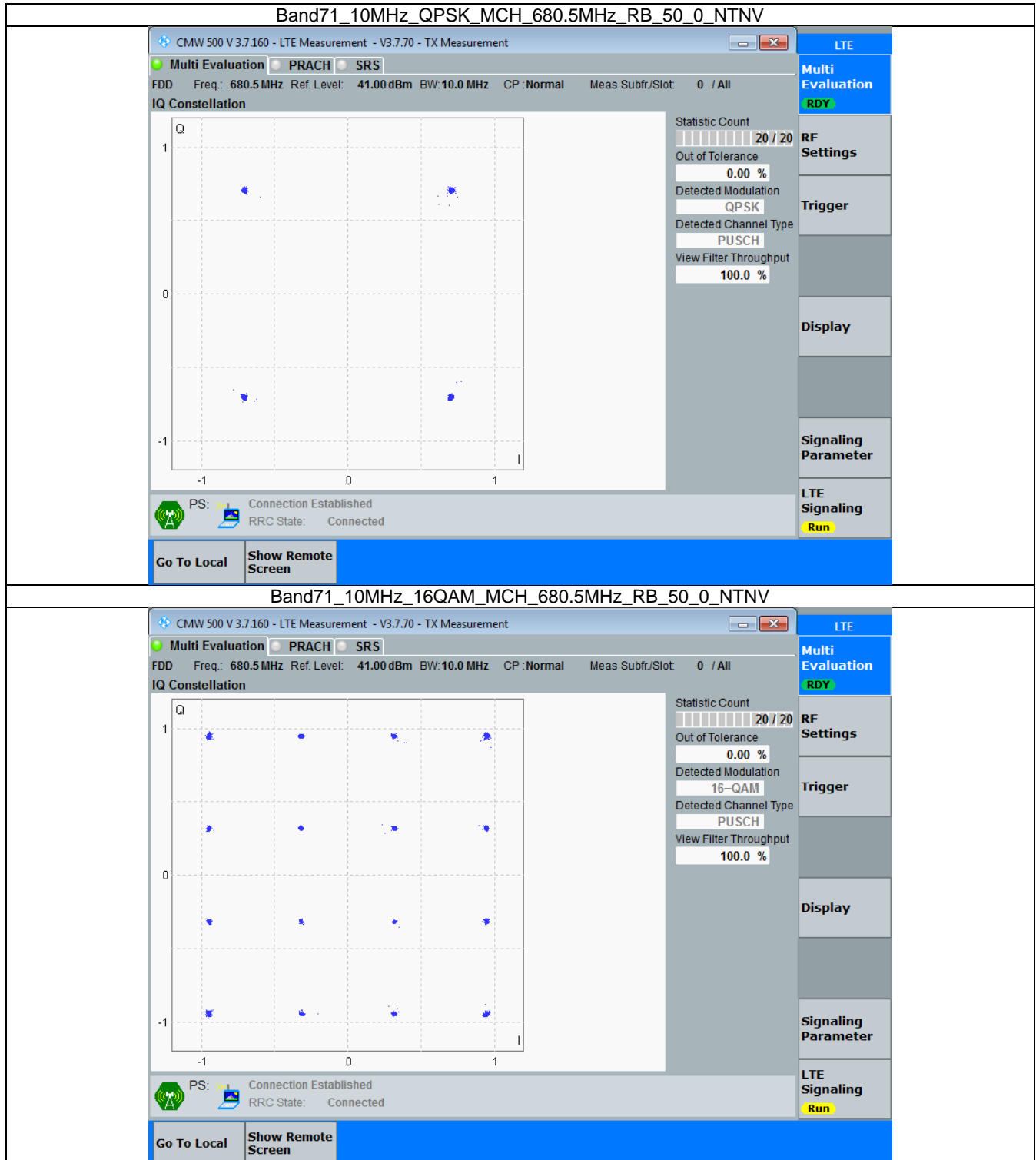


3.2 B71_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph



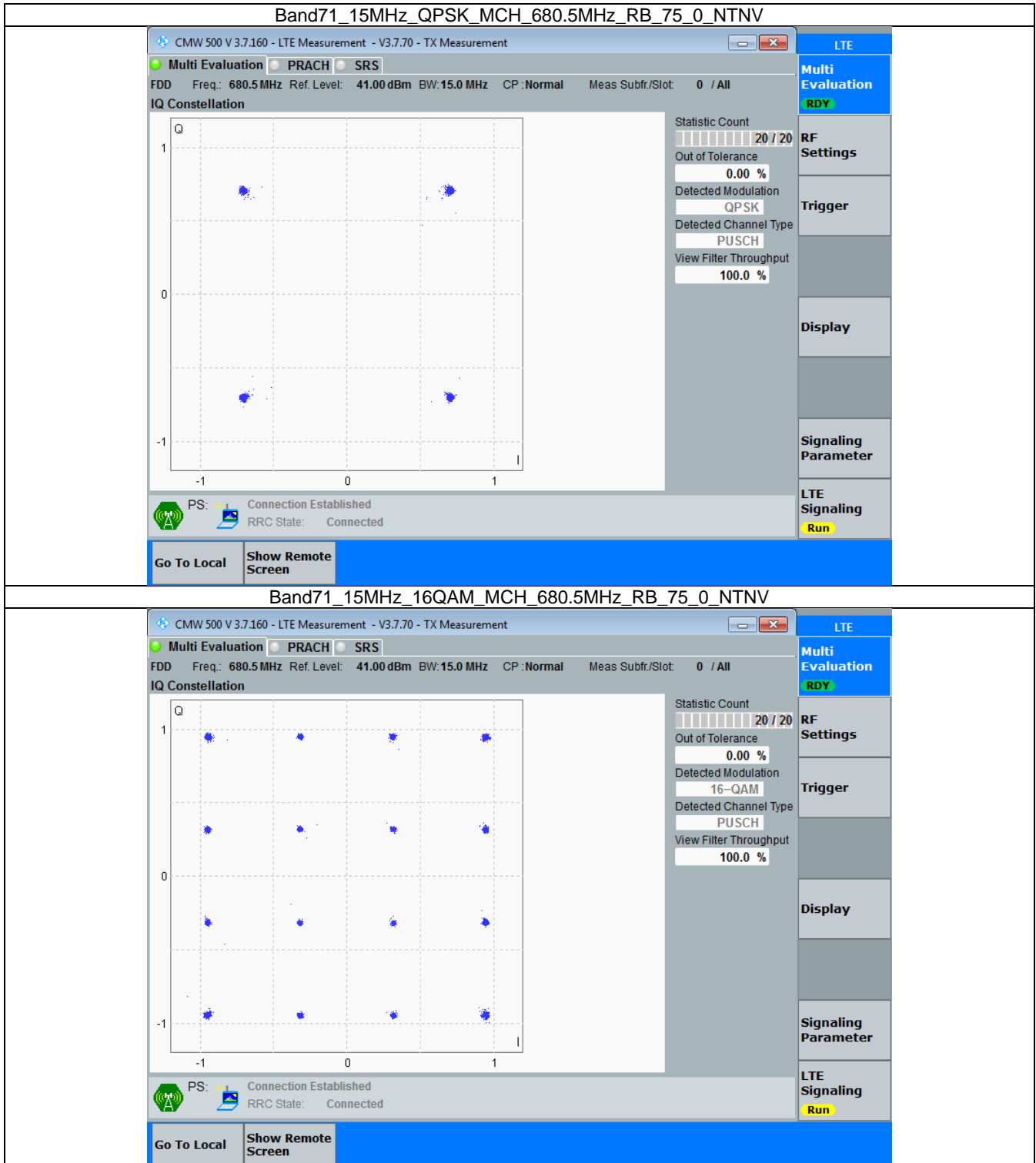


3.3 B71_15MHz

3.3.1 Test Result

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

3.3.2 Test Graph



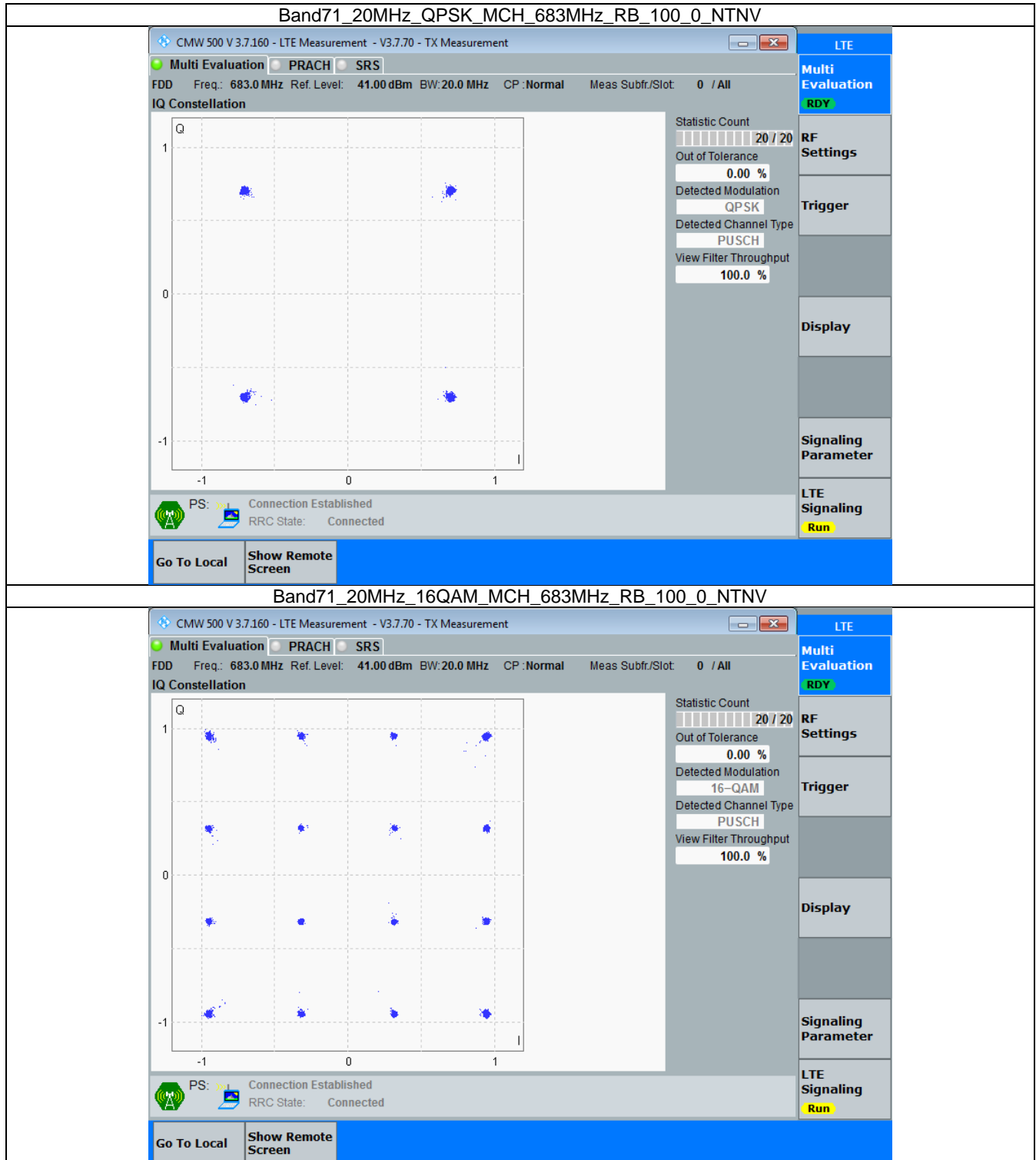


3.4 B71_20MHz

3.4.1 Test Result

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

3.4.2 Test Graph



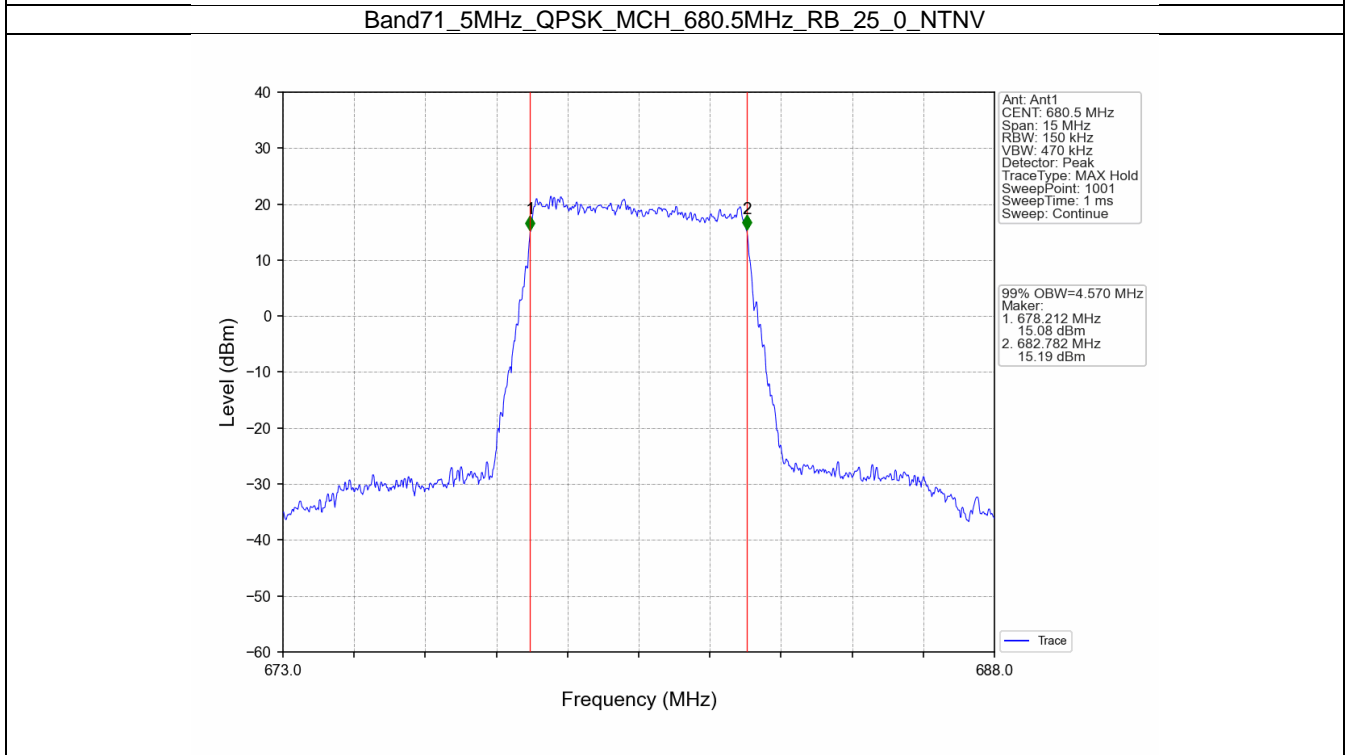
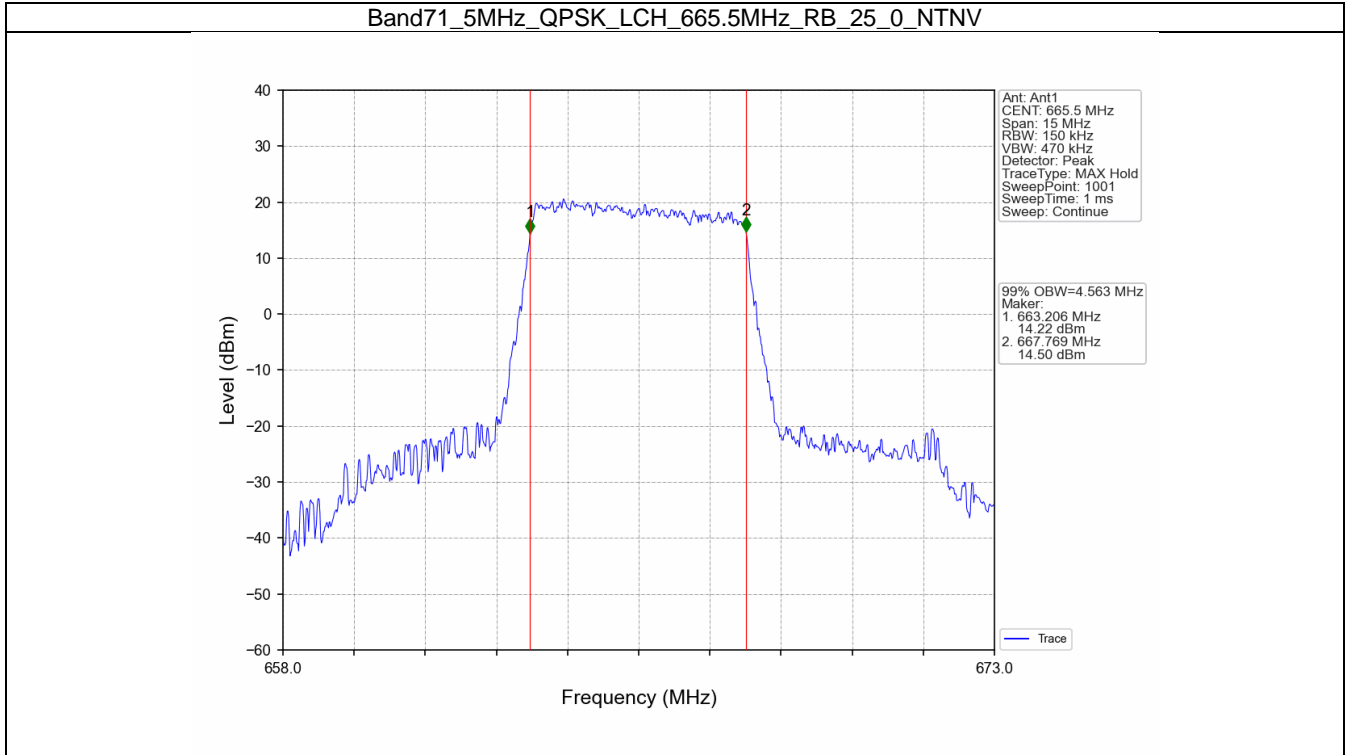
4. 99% & 26dB Bandwidth

4.1 Band71_OBW

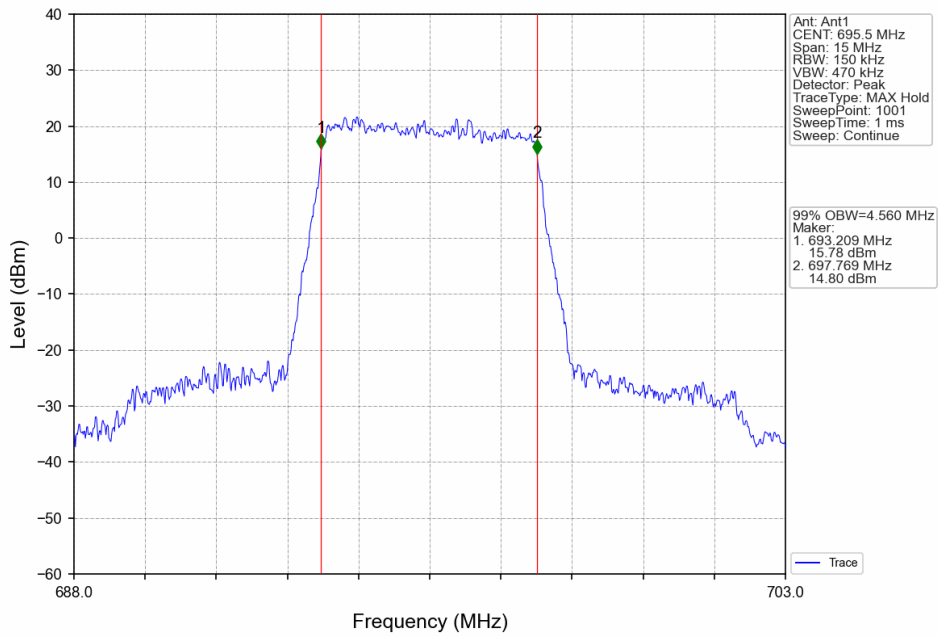
4.1.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	4.563	Pass
		680.5	25	0	4.570	Pass
		695.5	25	0	4.560	Pass
	16QAM	665.5	25	0	4.580	Pass
		680.5	25	0	4.591	Pass
		695.5	25	0	4.541	Pass
10	QPSK	668	50	0	9.163	Pass
		680.5	50	0	9.066	Pass
		693	50	0	9.048	Pass
	16QAM	668	50	0	9.130	Pass
		680.5	50	0	9.084	Pass
		693	50	0	9.023	Pass
15	QPSK	670.5	75	0	13.720	Pass
		680.5	75	0	13.720	Pass
		690.5	75	0	13.568	Pass
	16QAM	670.5	75	0	13.739	Pass
		680.5	75	0	13.845	Pass
		690.5	75	0	13.583	Pass
20	QPSK	673	100	0	18.195	Pass
		683	100	0	18.226	Pass
		688	100	0	18.194	Pass
	16QAM	673	100	0	18.218	Pass
		683	100	0	18.244	Pass
		688	100	0	18.162	Pass

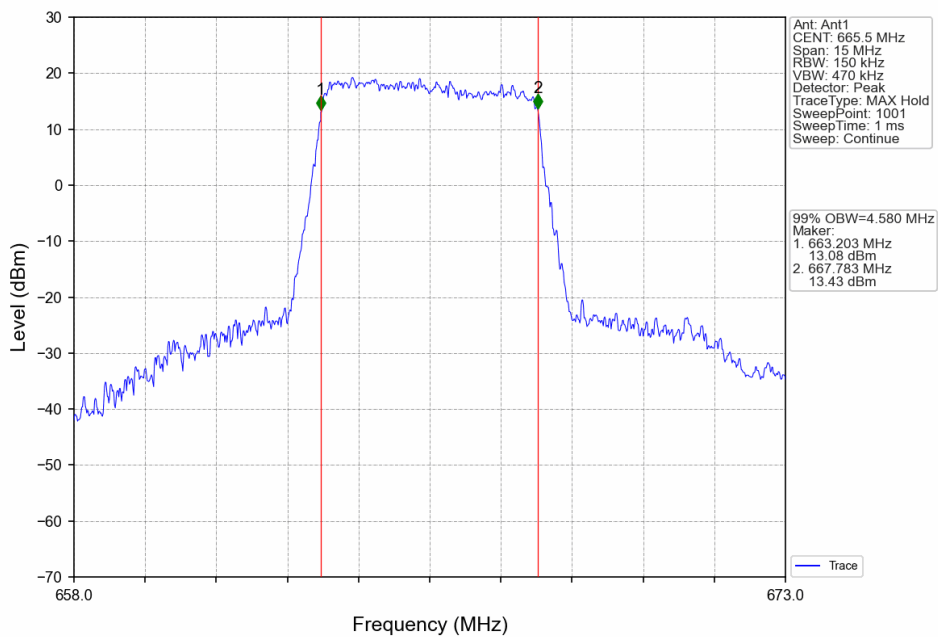
4.1.2 Test Graph

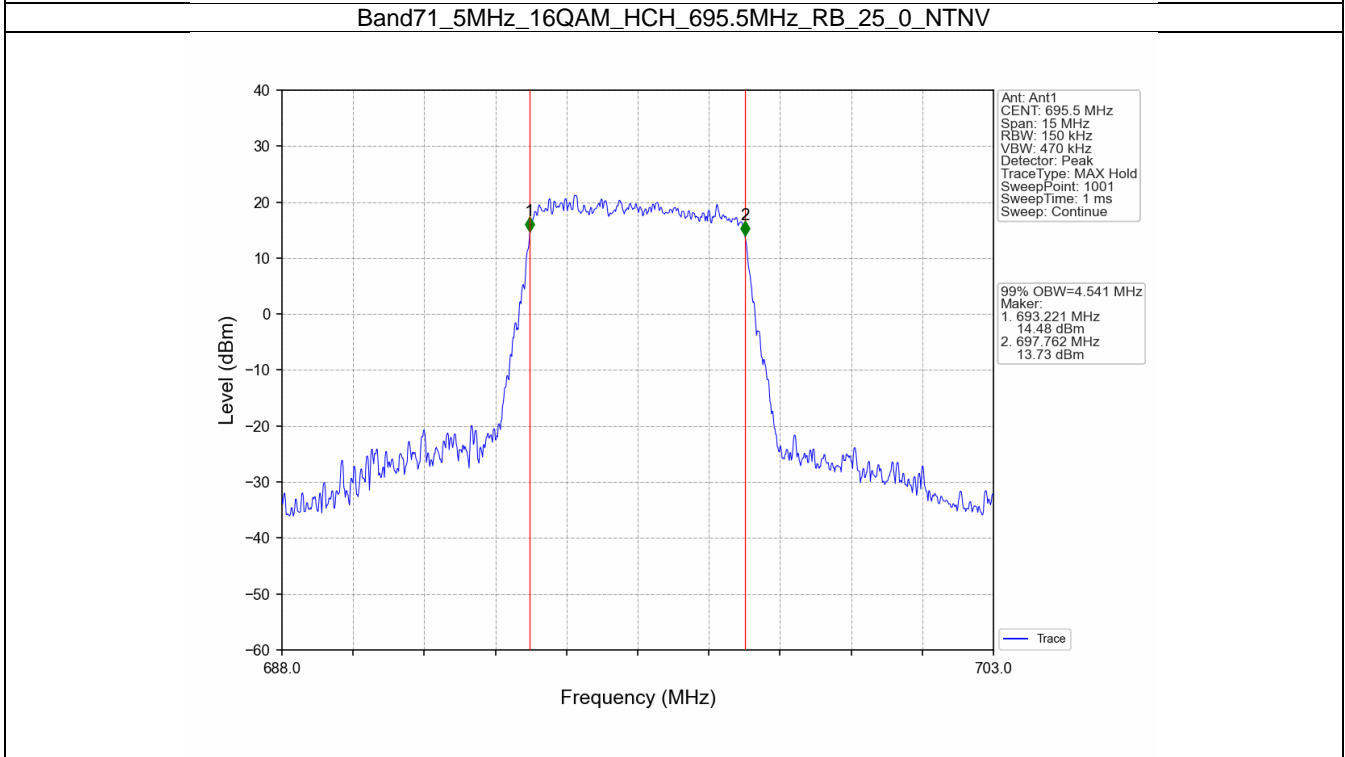
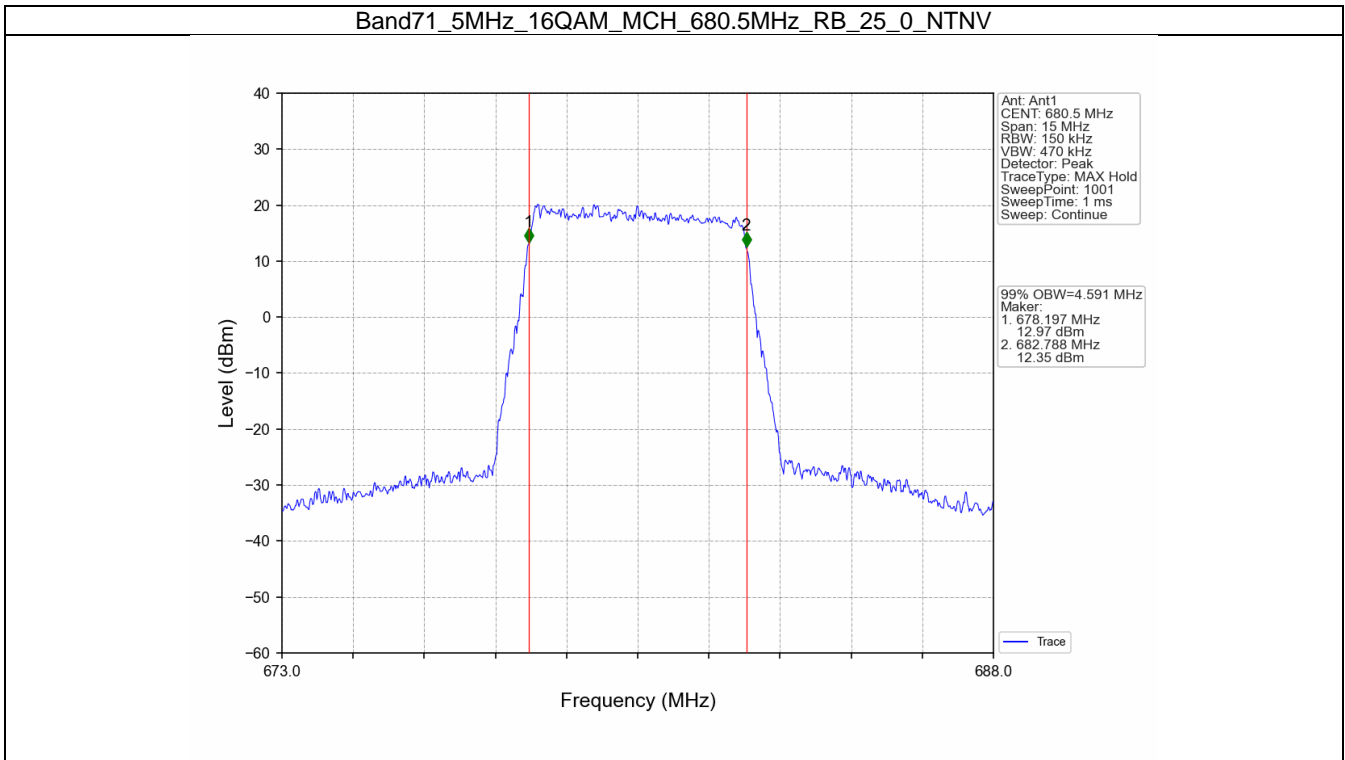


Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV

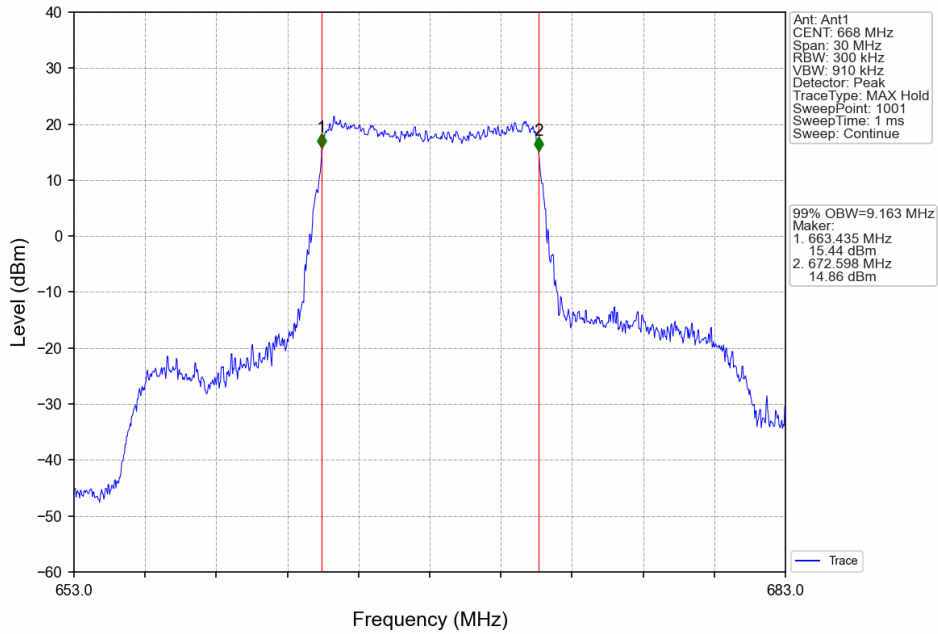


Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

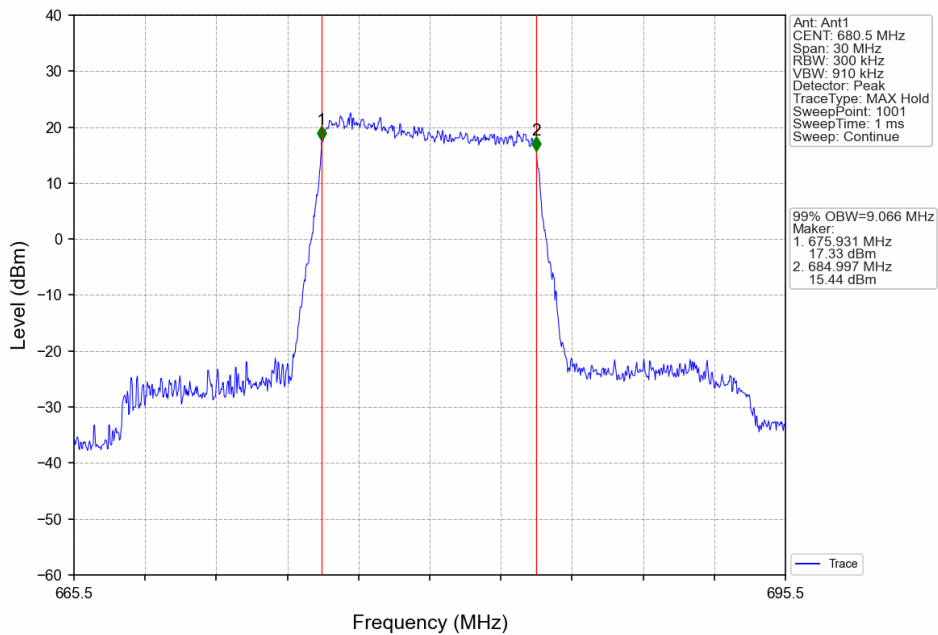




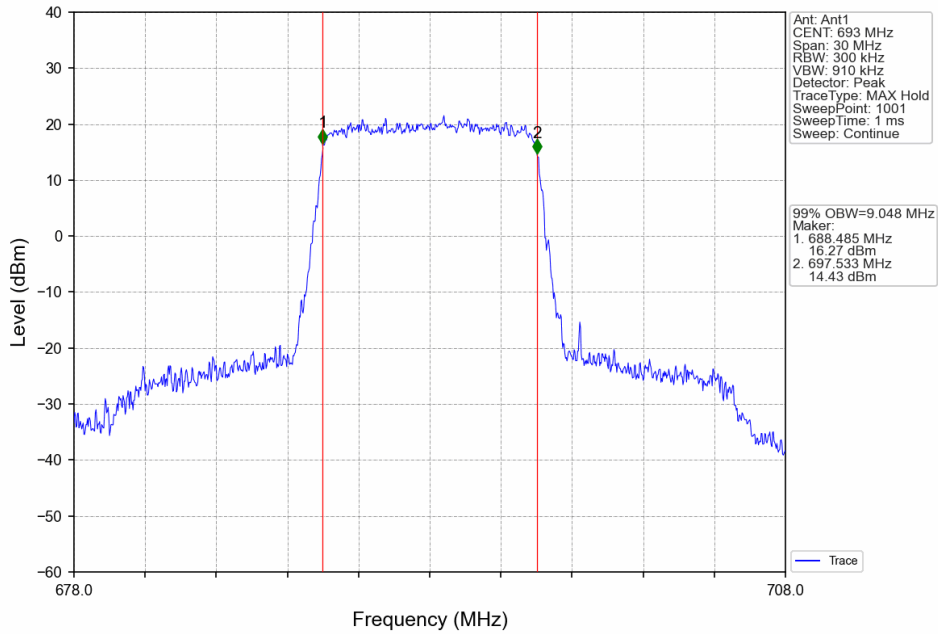
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



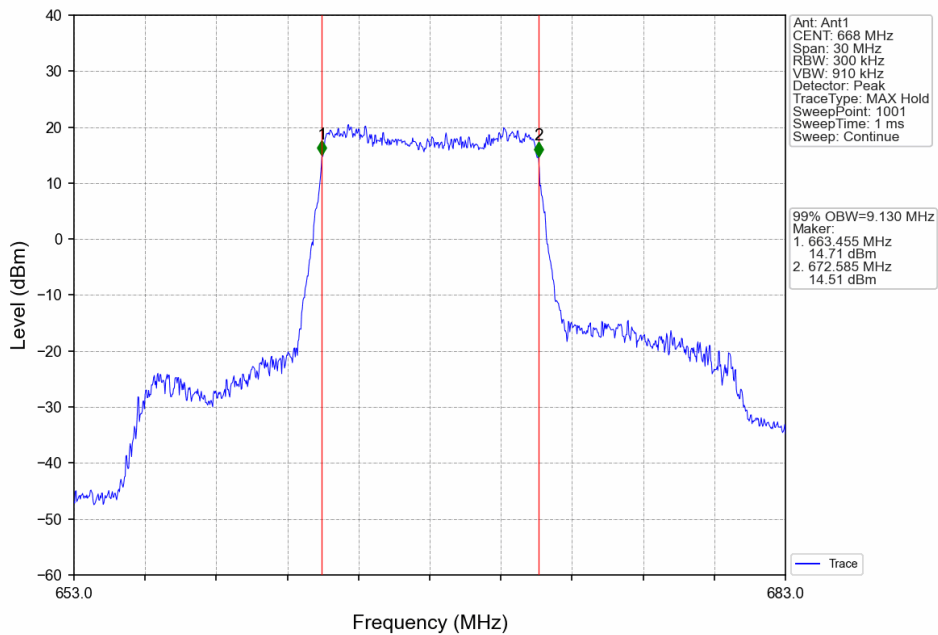
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



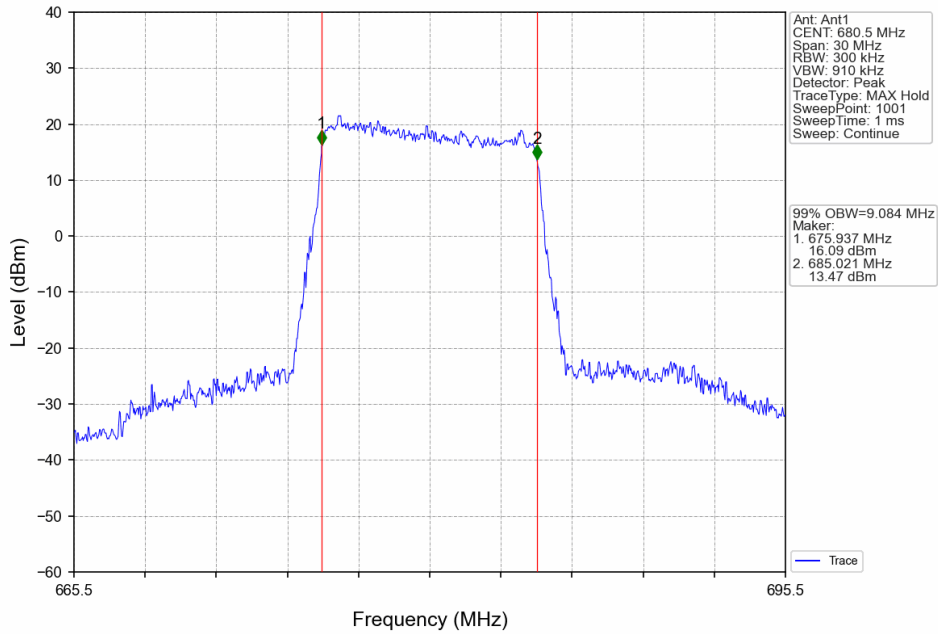
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



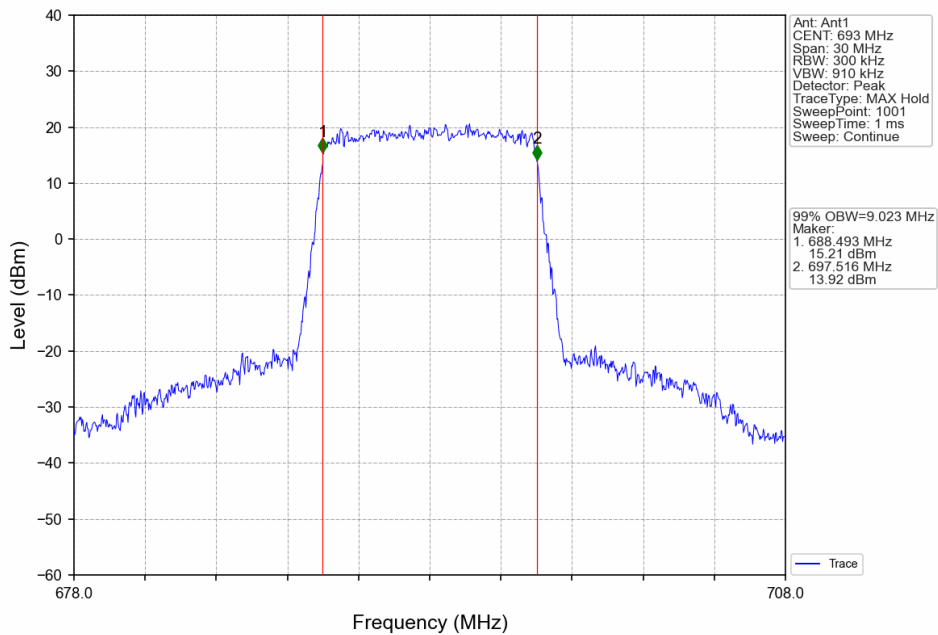
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



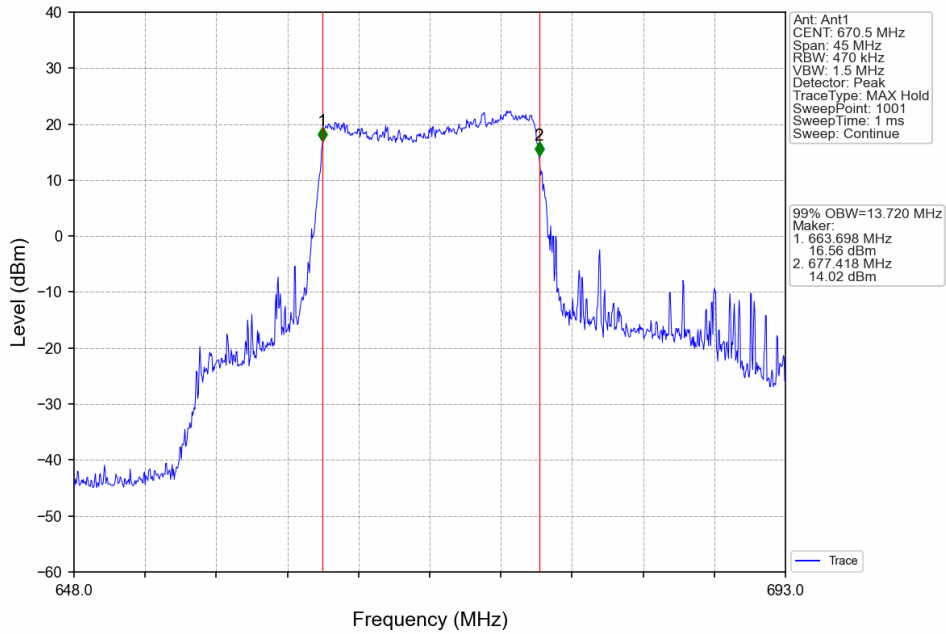
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



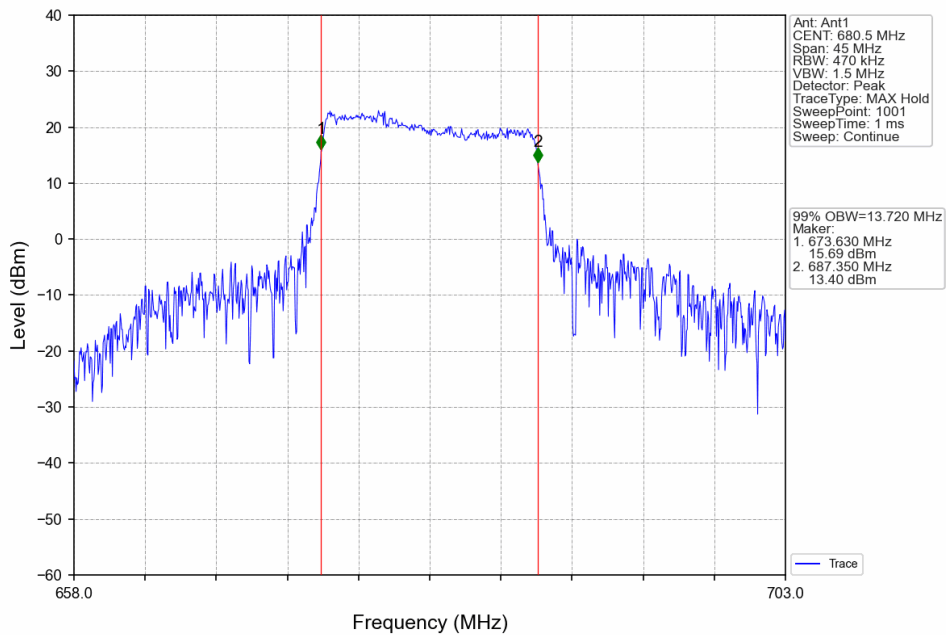
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



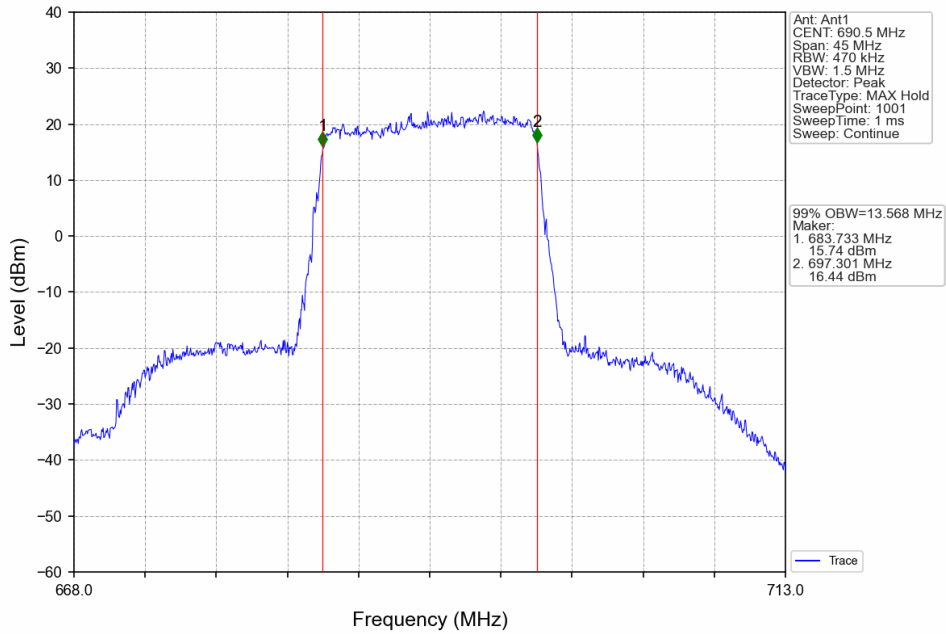
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



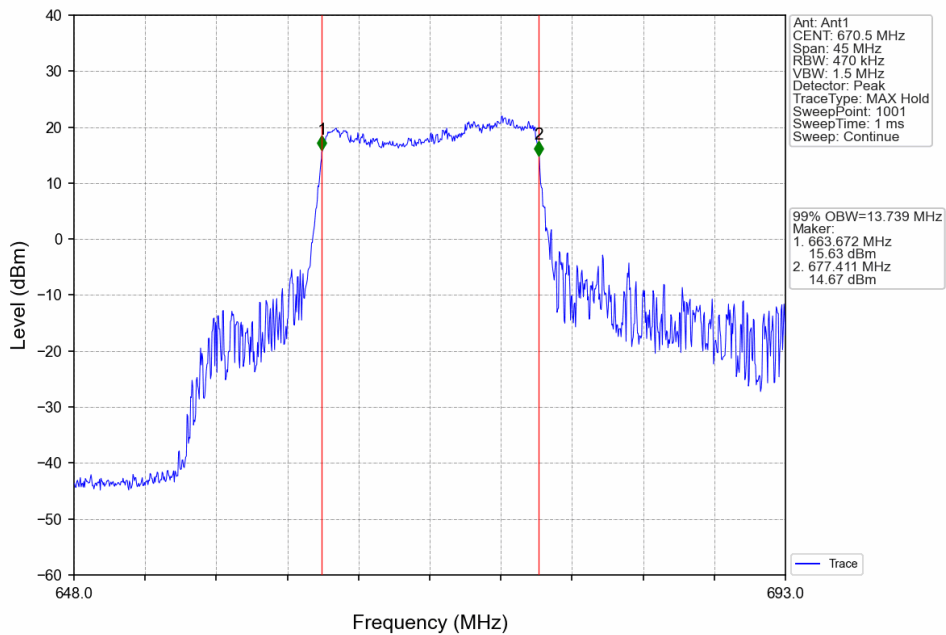
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



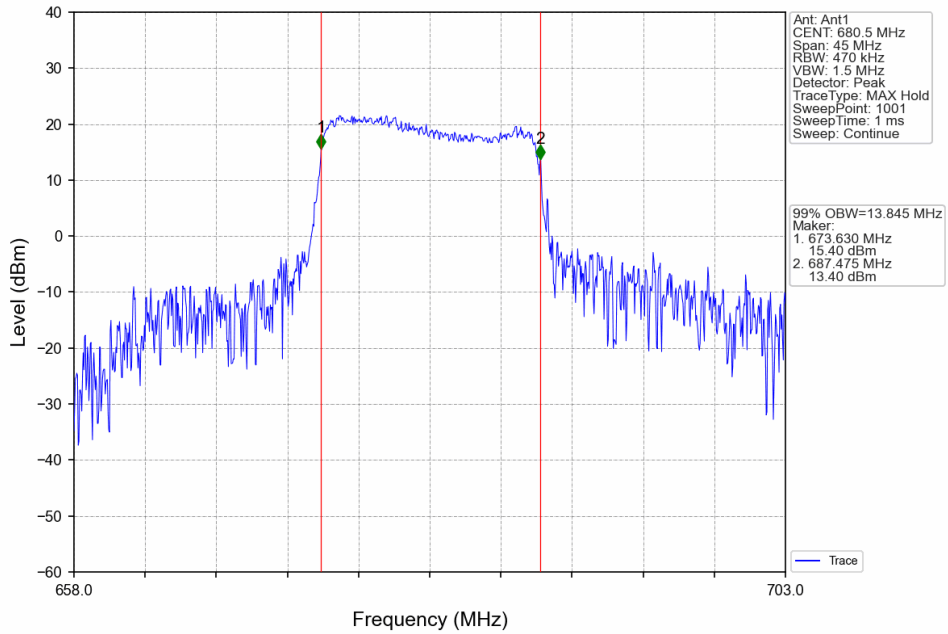
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



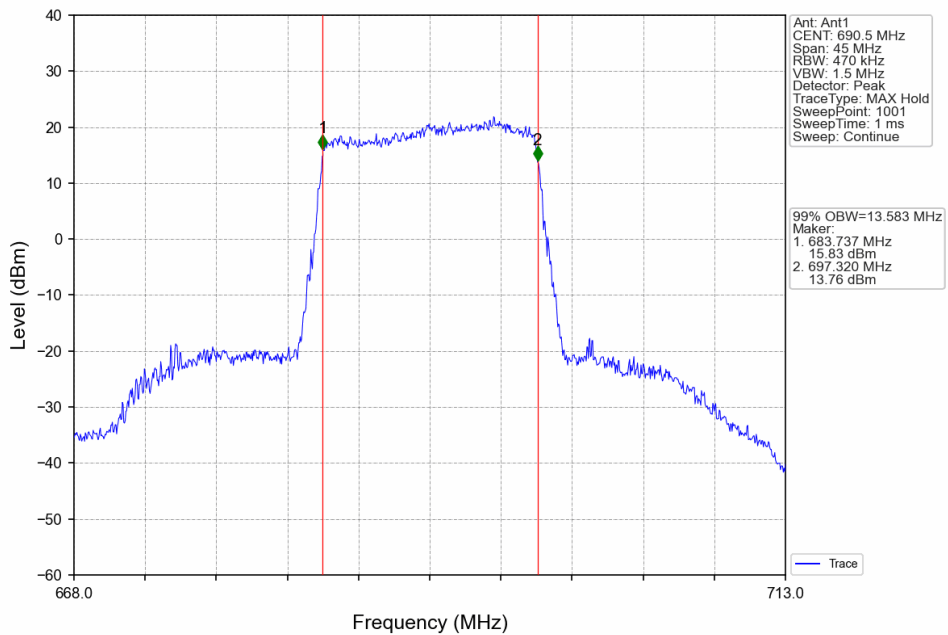
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



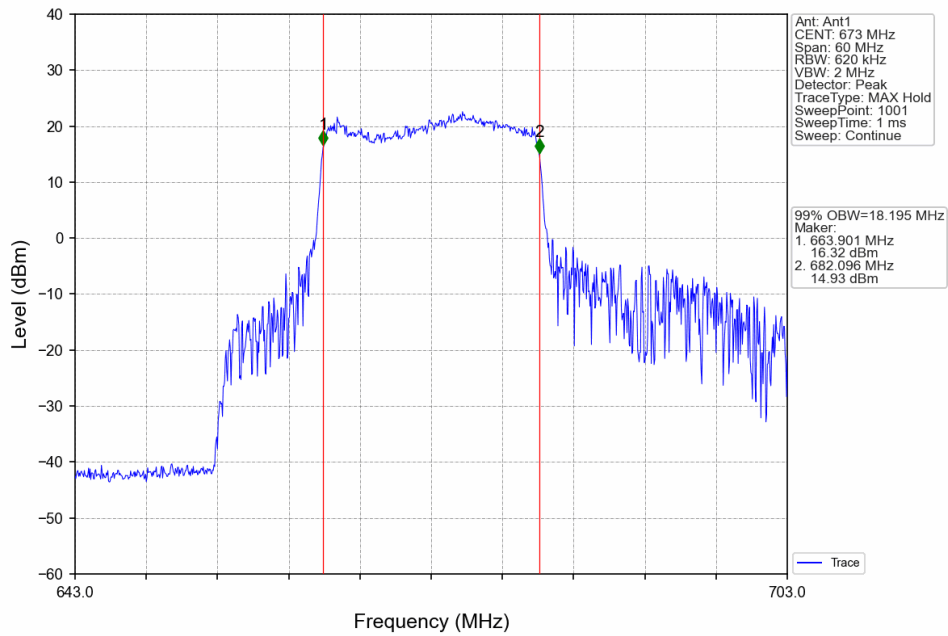
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



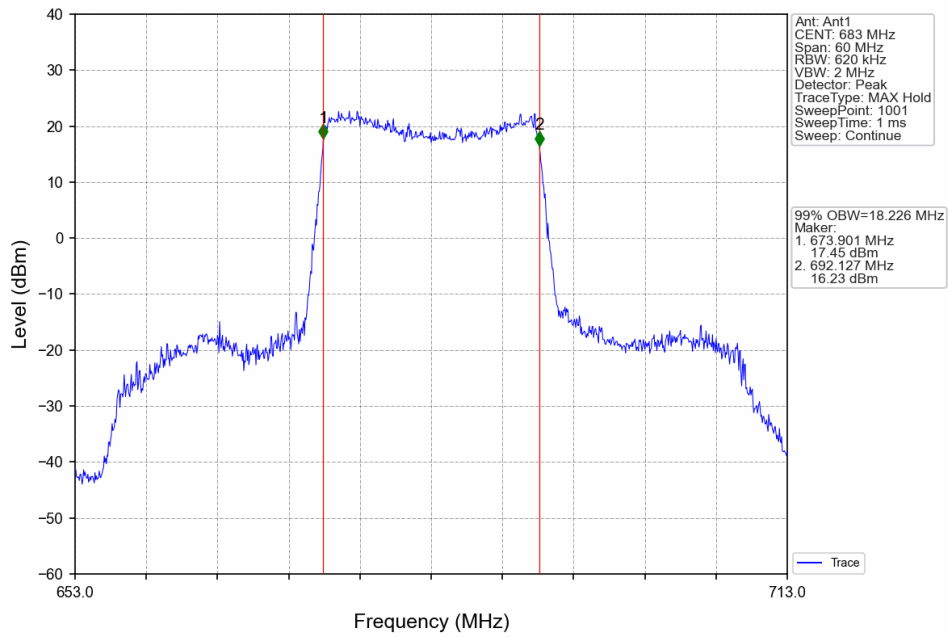
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



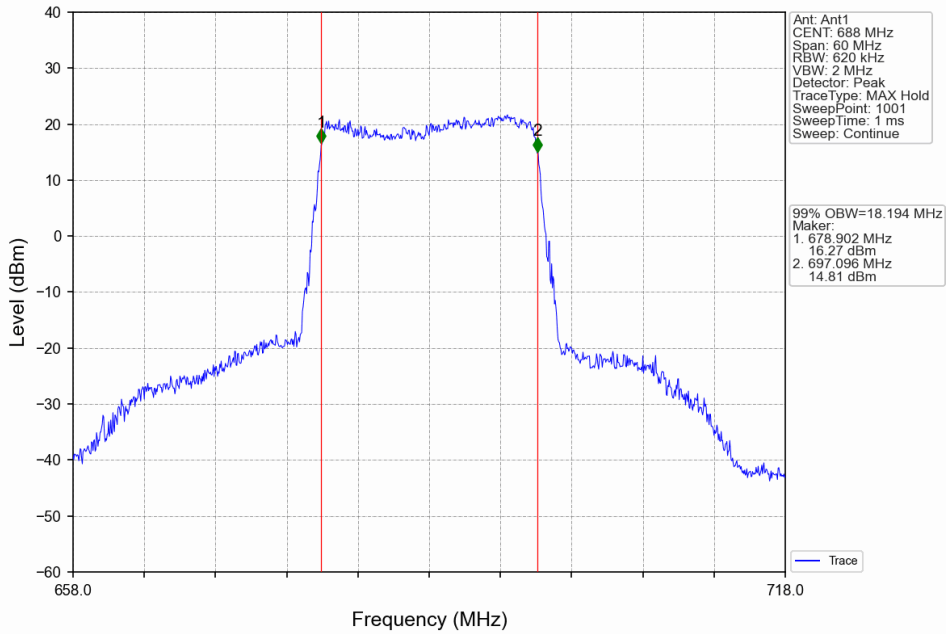
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



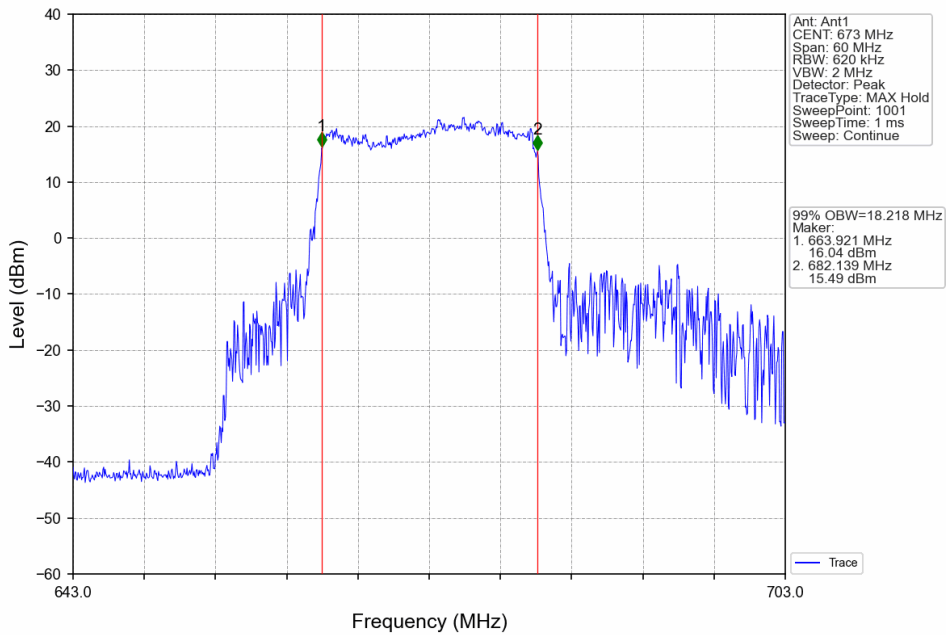
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



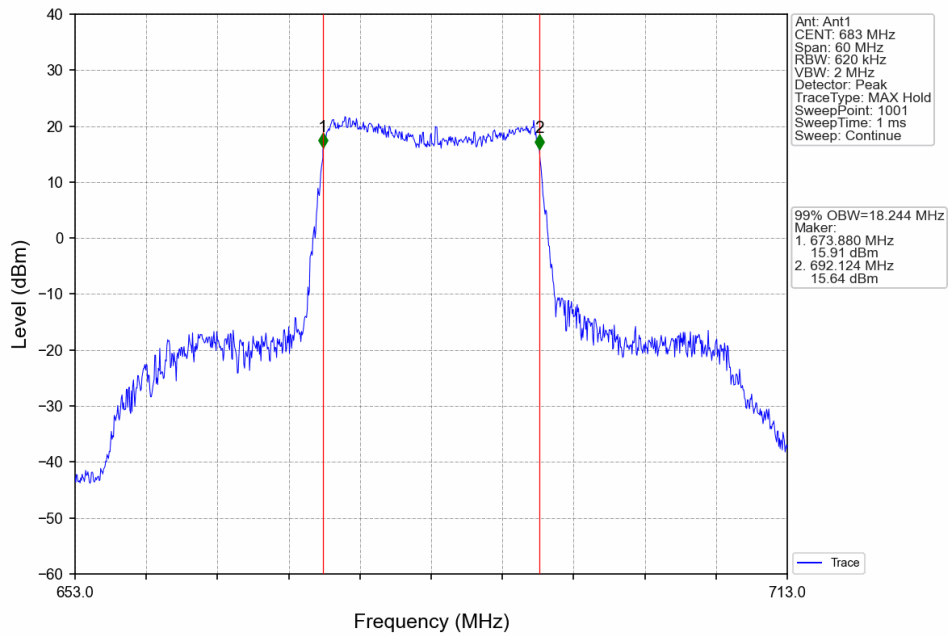
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



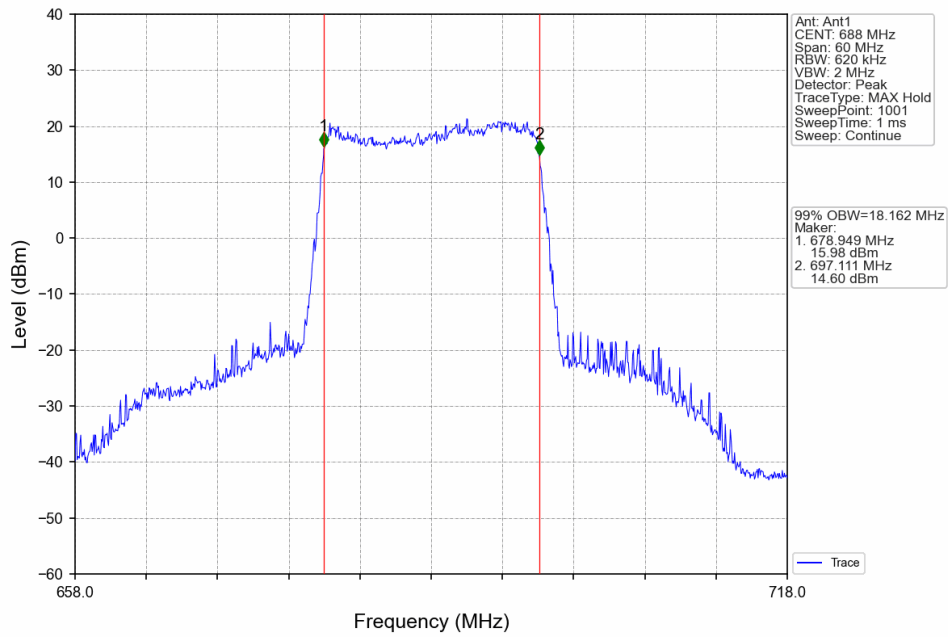
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV

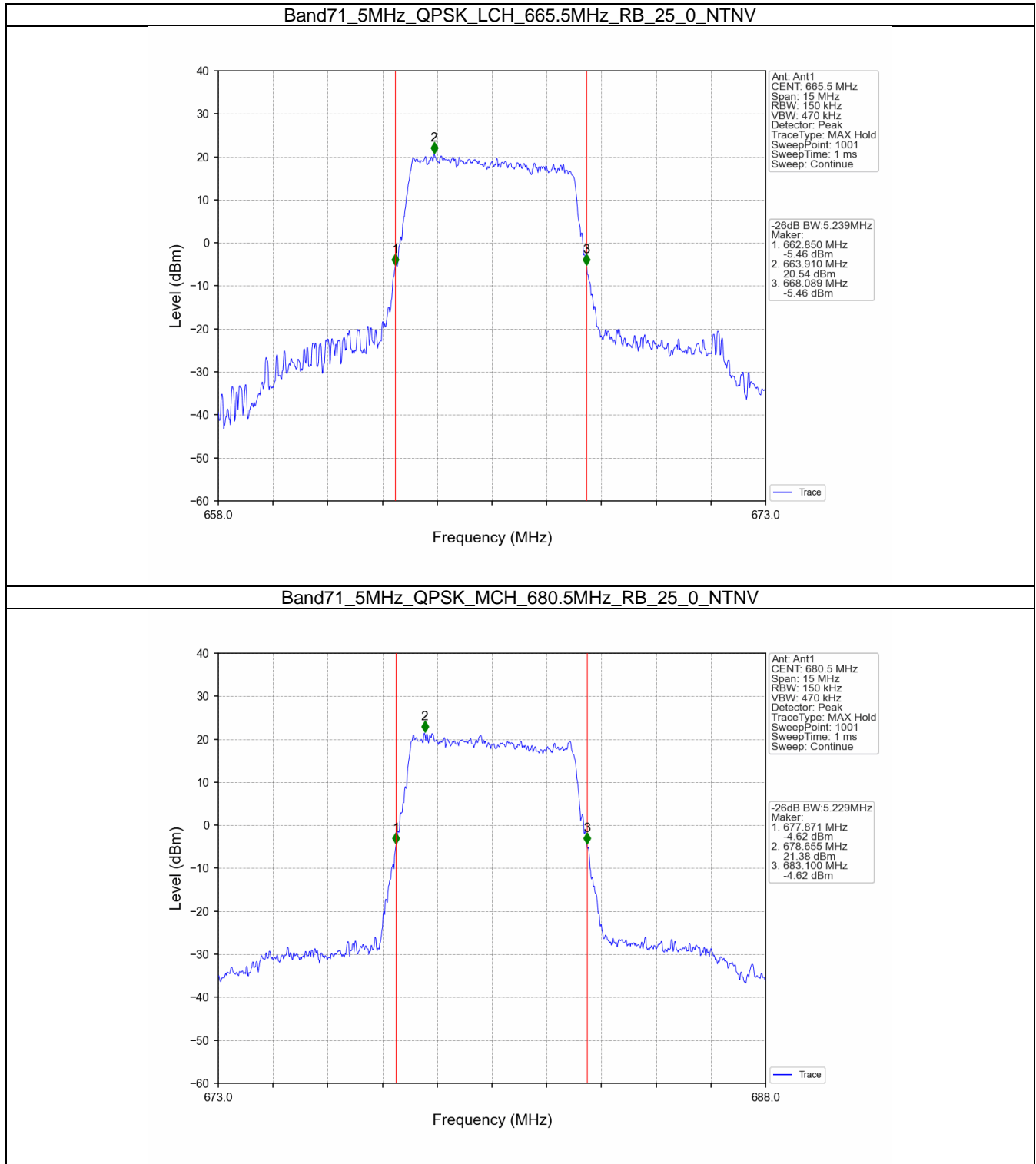


4.2 Band71_XDB

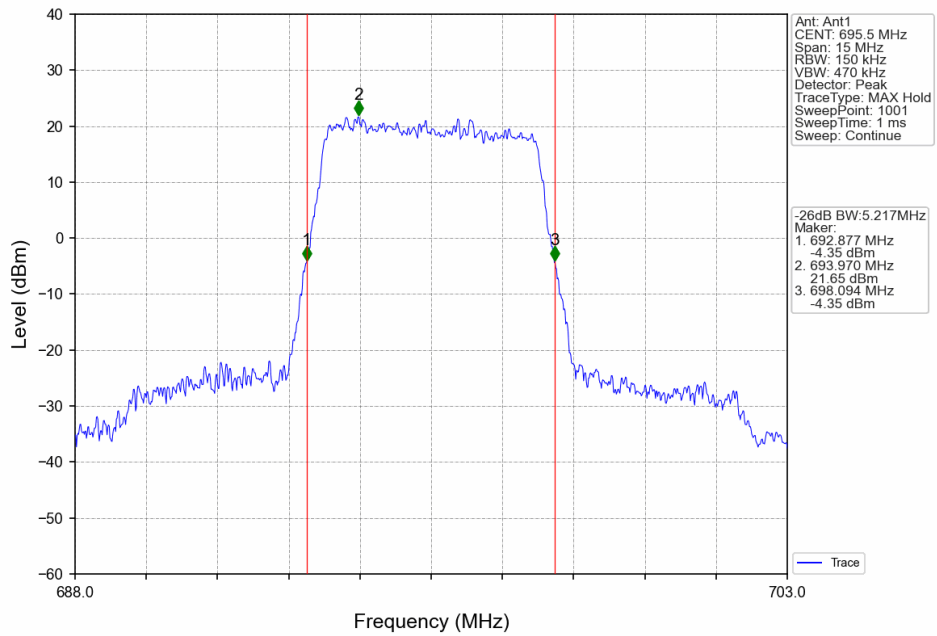
4.2.1 Test Result

Band: 71 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	665.5	25	0	5.239	Pass
		680.5	25	0	5.229	Pass
		695.5	25	0	5.217	Pass
	16QAM	665.5	25	0	5.223	Pass
		680.5	25	0	5.279	Pass
		695.5	25	0	5.221	Pass
10	QPSK	668	50	0	10.425	Pass
		680.5	50	0	10.087	Pass
		693	50	0	10.140	Pass
	16QAM	668	50	0	10.270	Pass
		680.5	50	0	10.178	Pass
		693	50	0	10.189	Pass
15	QPSK	670.5	75	0	18.334	Pass
		680.5	75	0	21.383	Pass
		690.5	75	0	15.178	Pass
	16QAM	670.5	75	0	18.533	Pass
		680.5	75	0	23.603	Pass
		690.5	75	0	15.202	Pass
20	QPSK	673	100	0	22.466	Pass
		683	100	0	20.162	Pass
		688	100	0	20.234	Pass
	16QAM	673	100	0	20.214	Pass
		683	100	0	20.259	Pass
		688	100	0	20.108	Pass

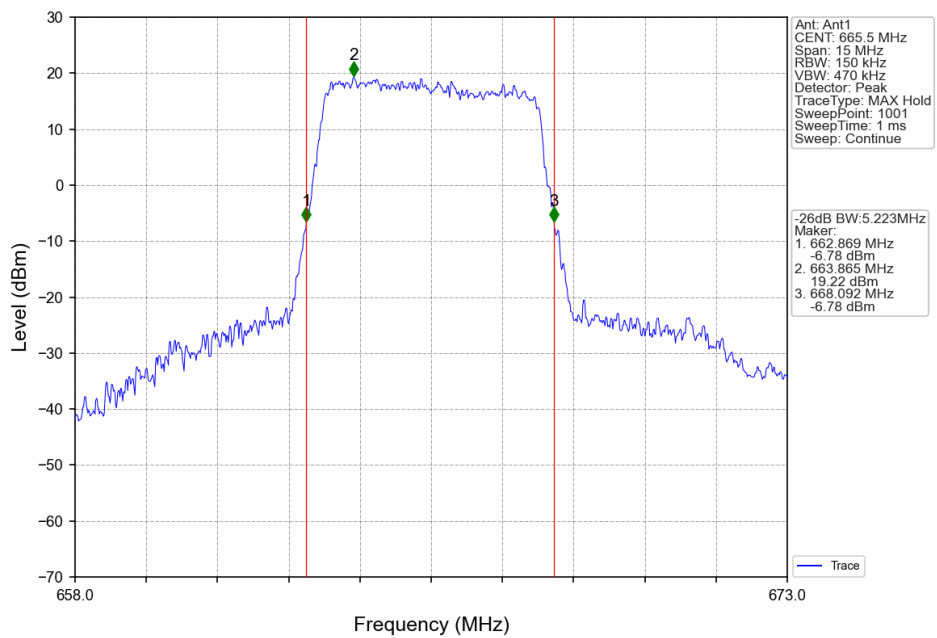
4.2.2 Test Graph

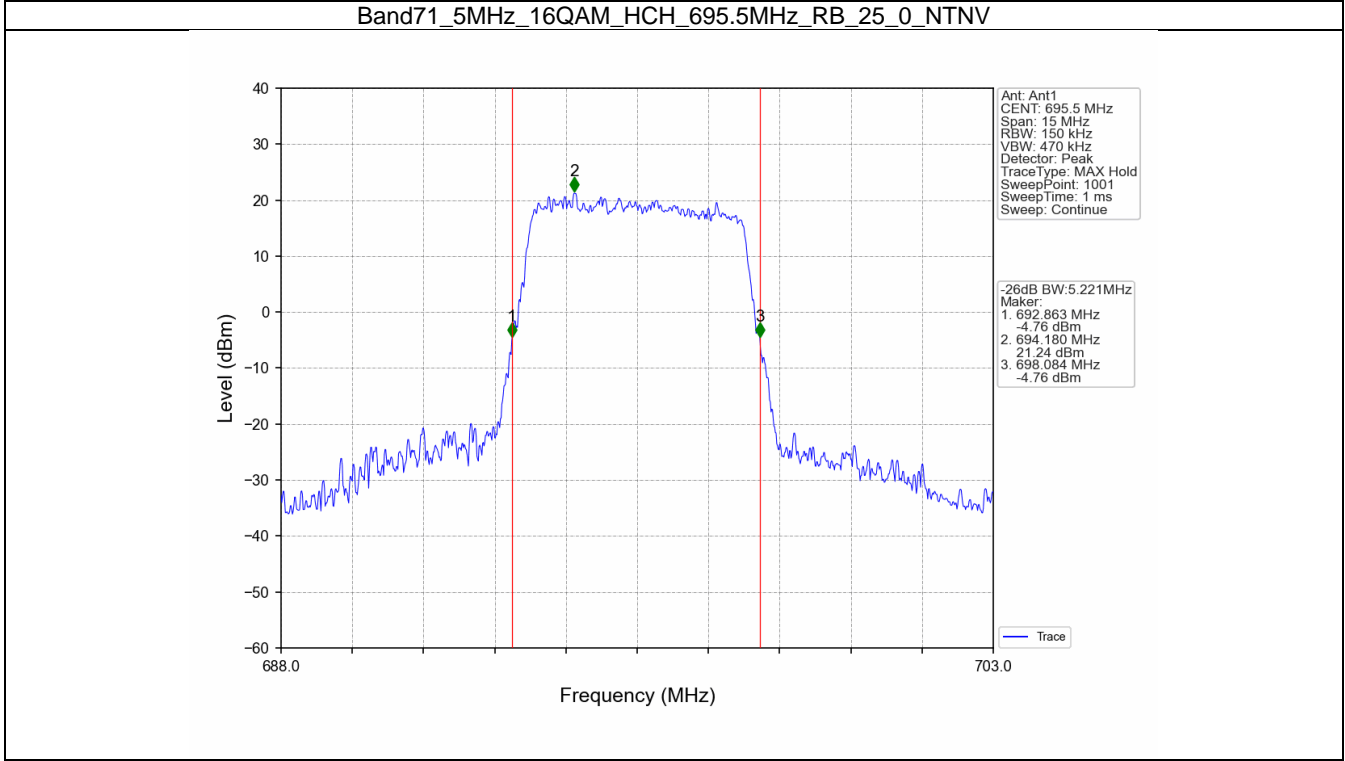
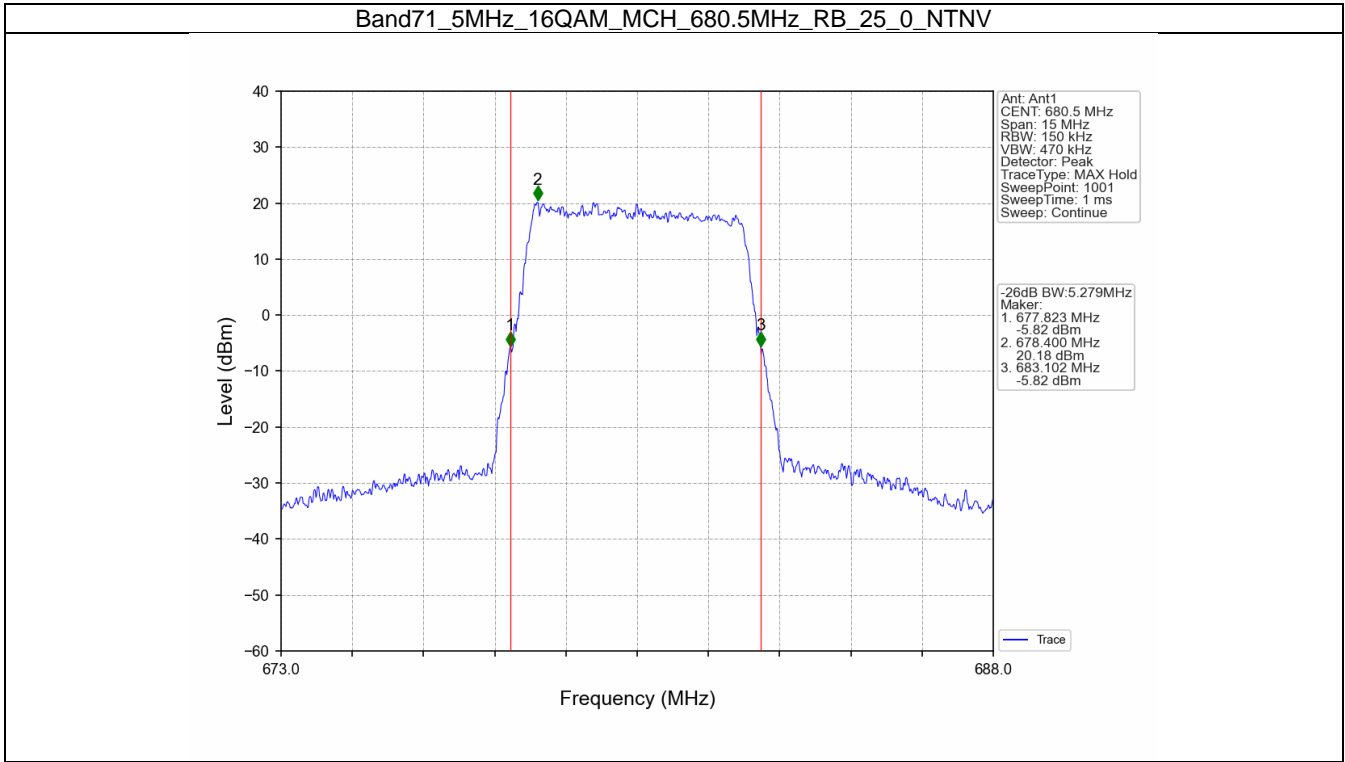


Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV

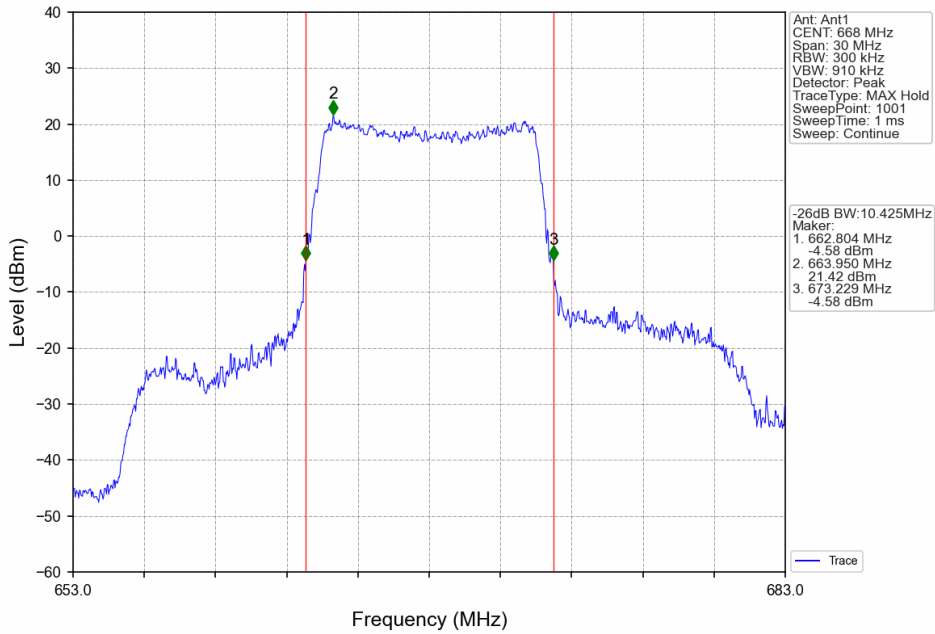


Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

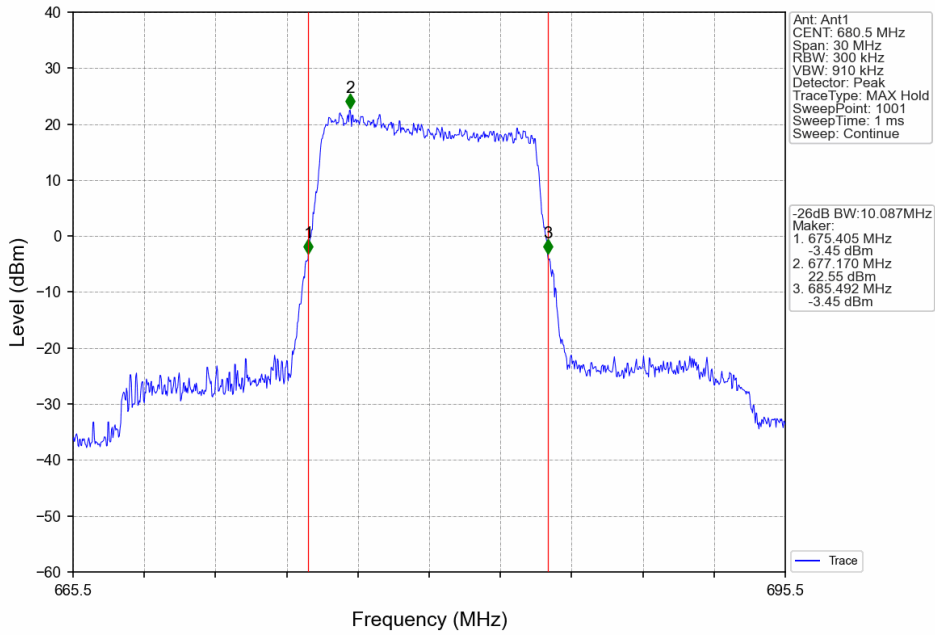




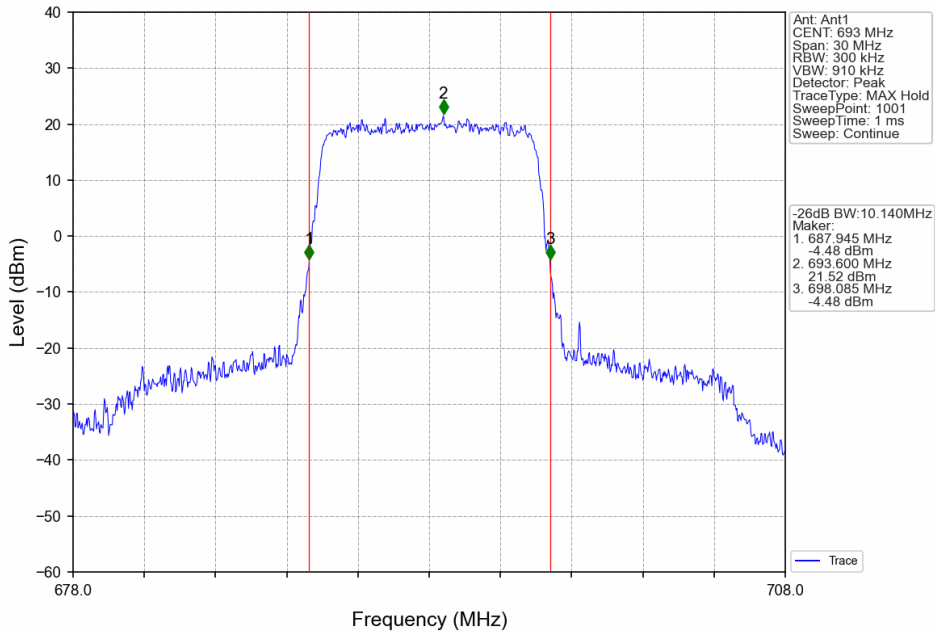
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



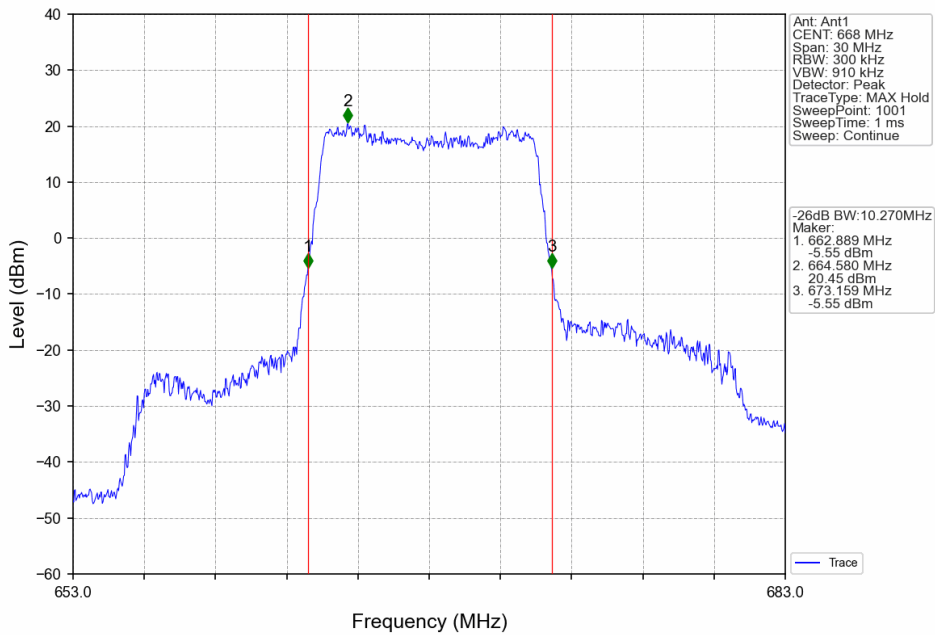
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



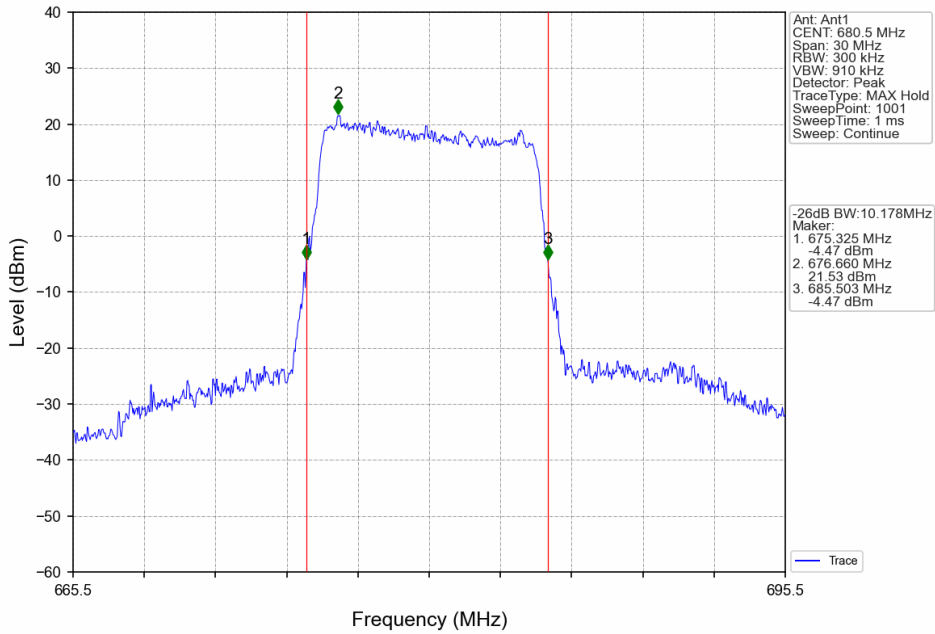
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



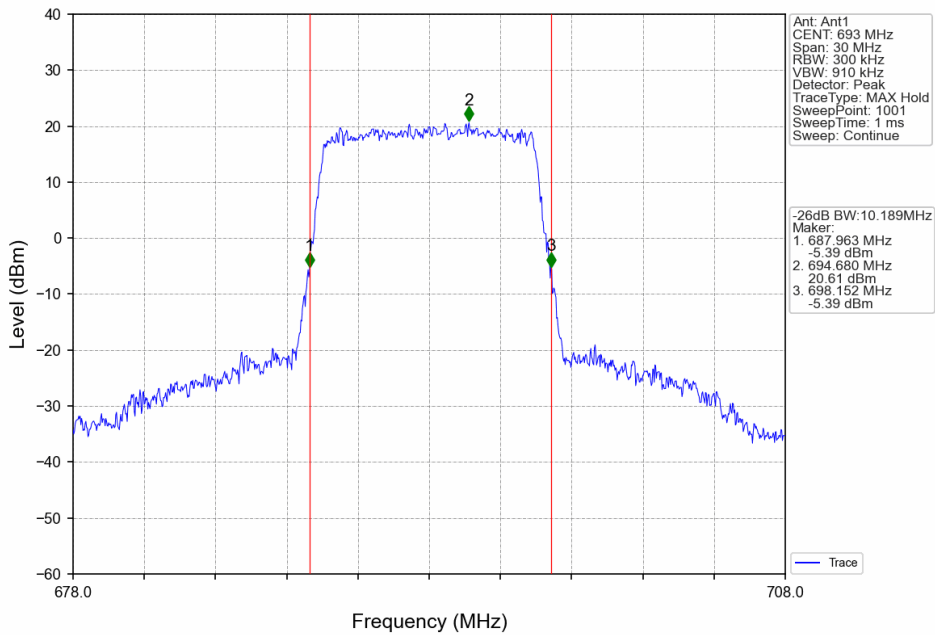
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



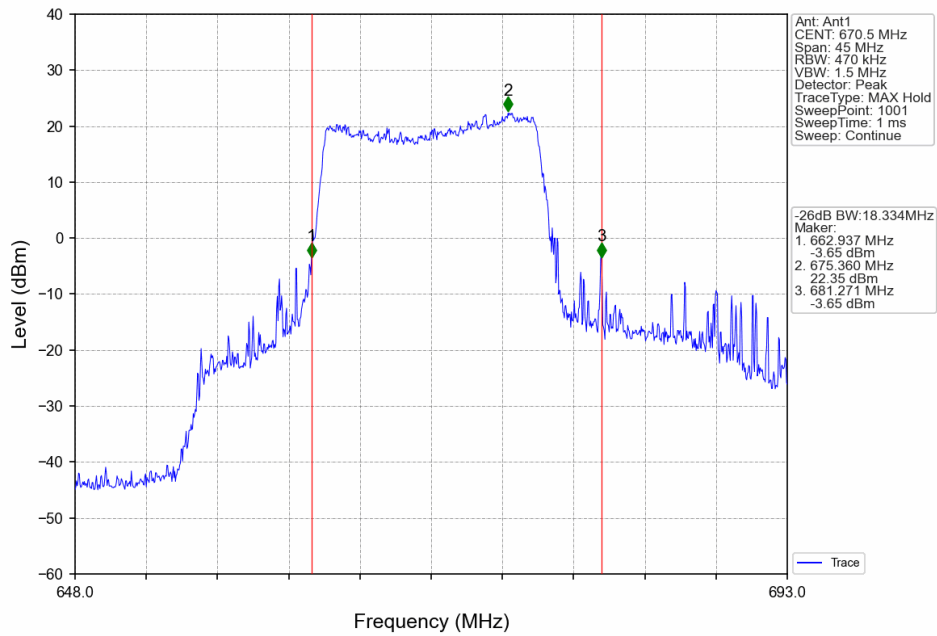
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



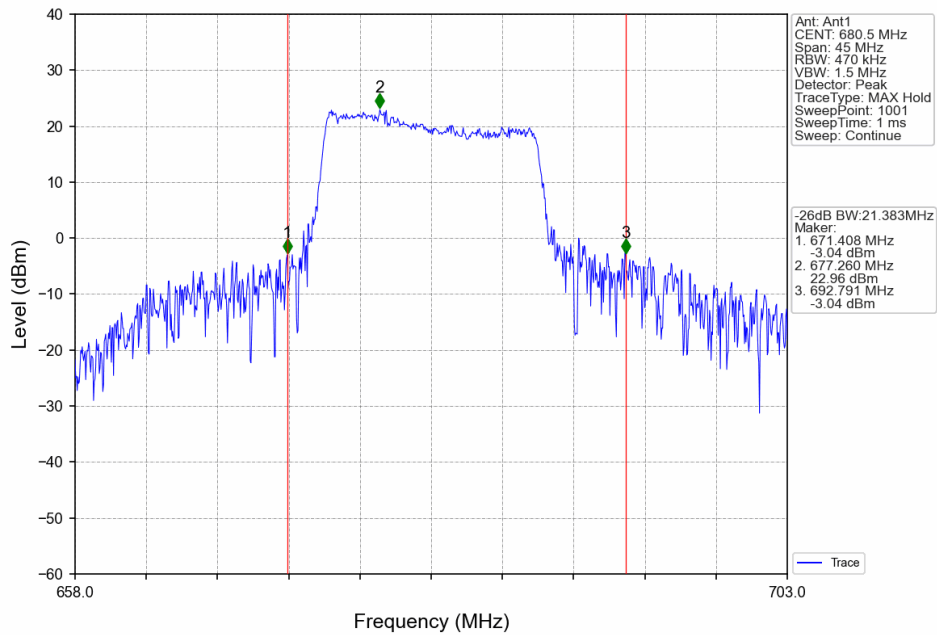
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



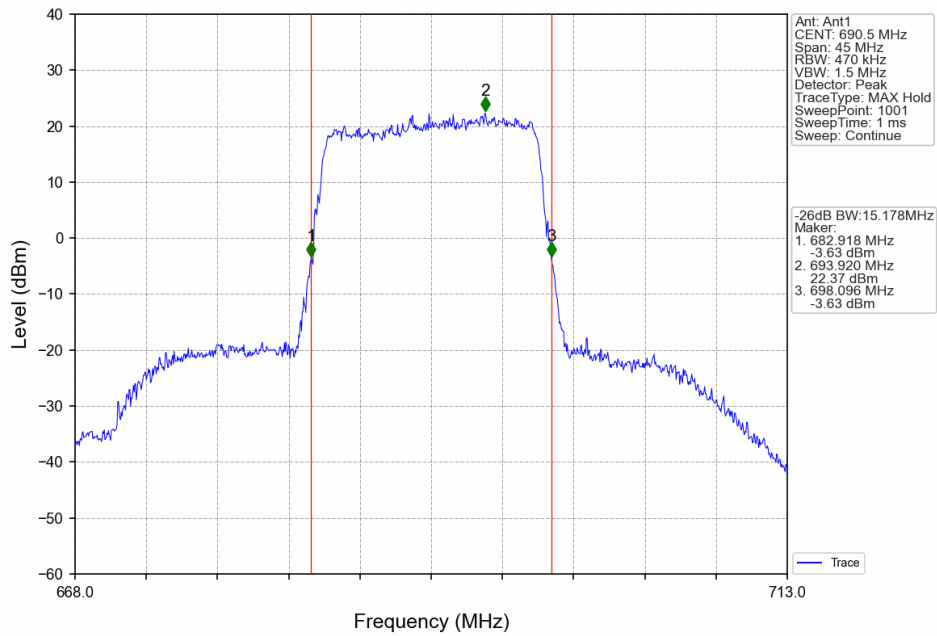
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



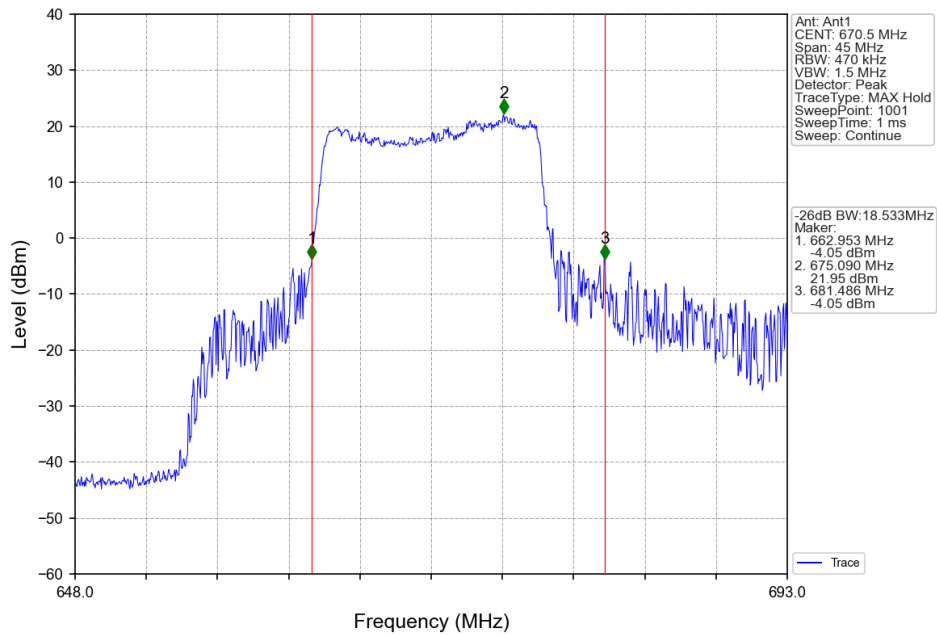
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



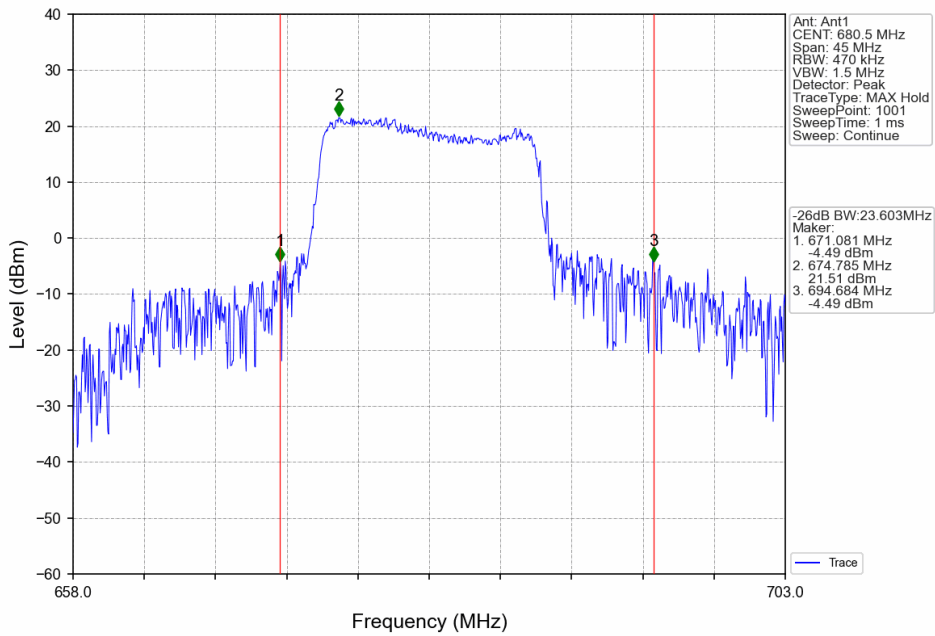
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



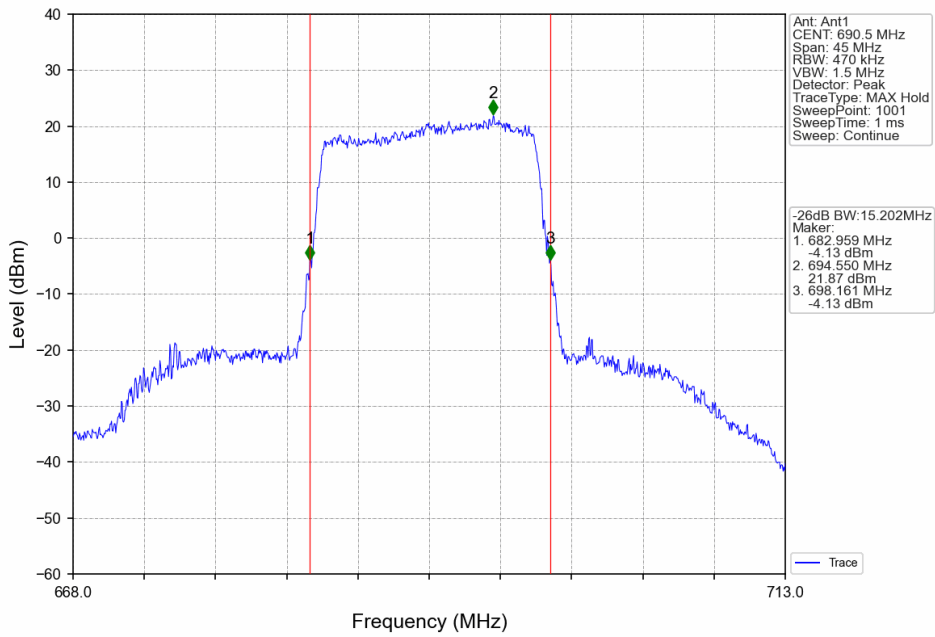
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



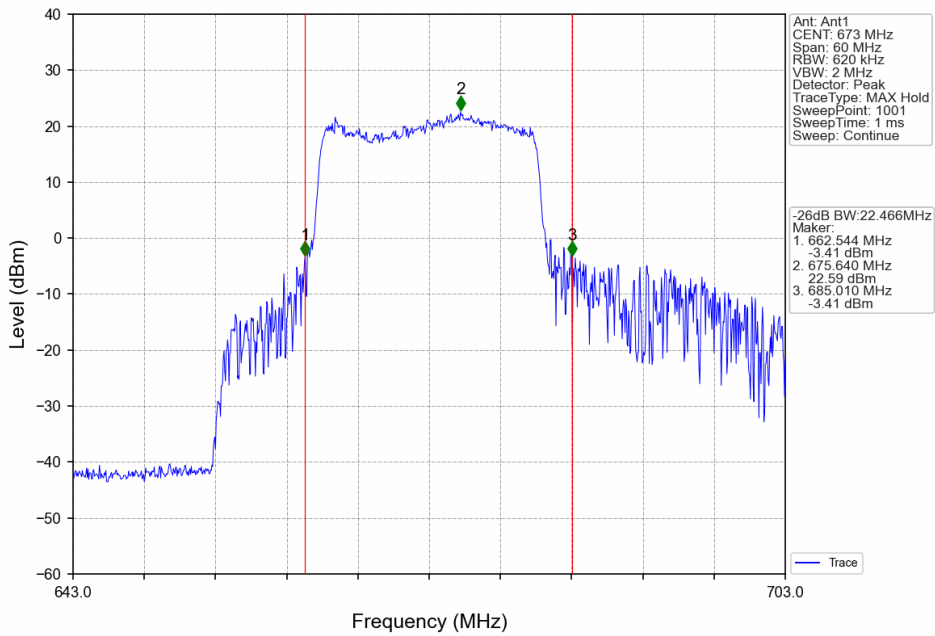
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



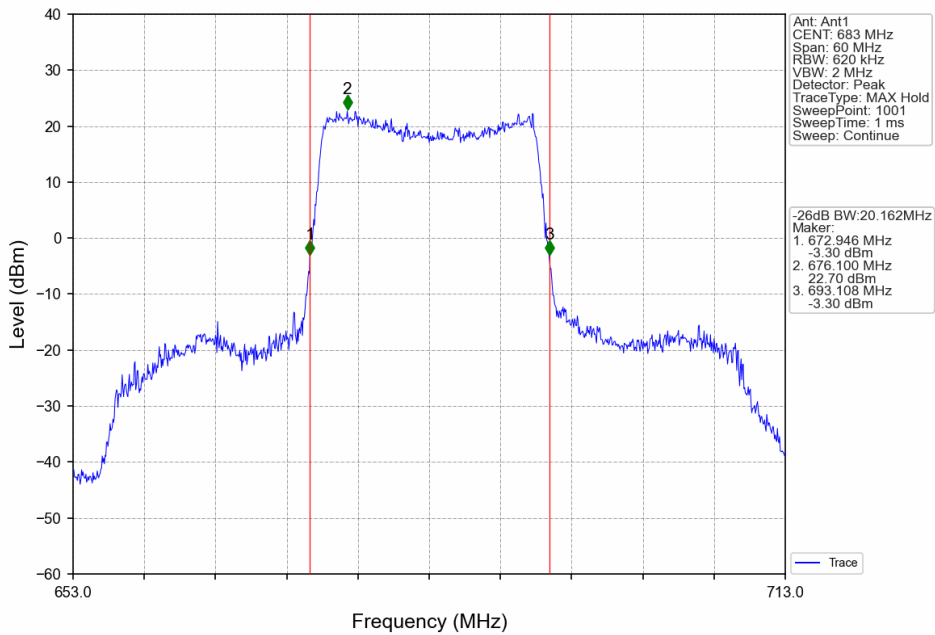
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



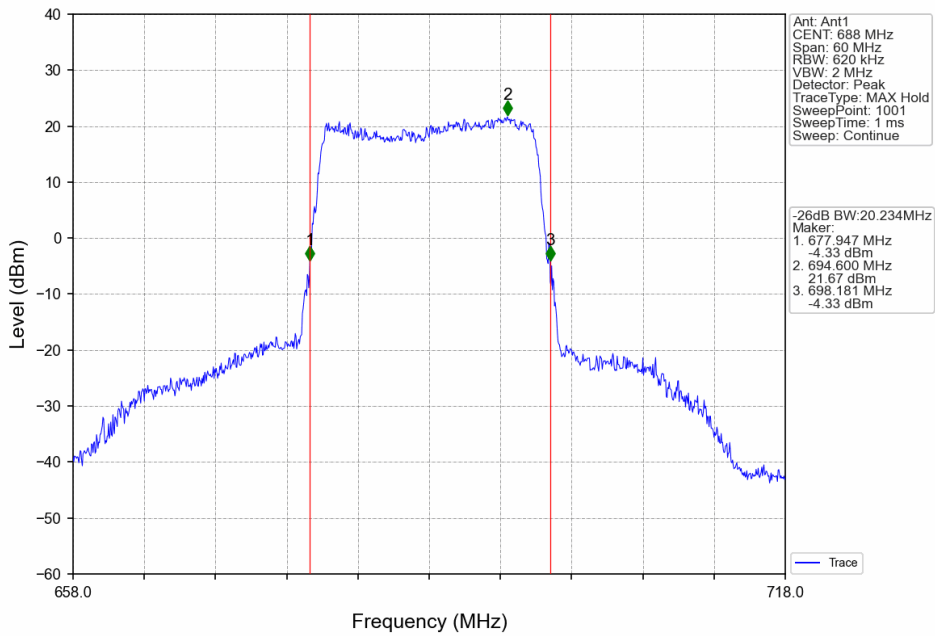
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



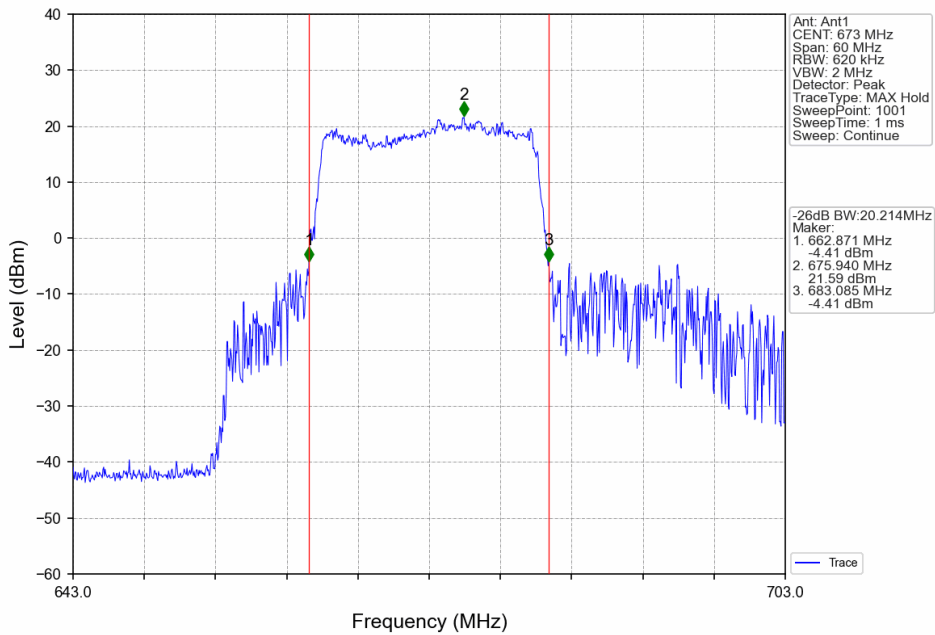
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



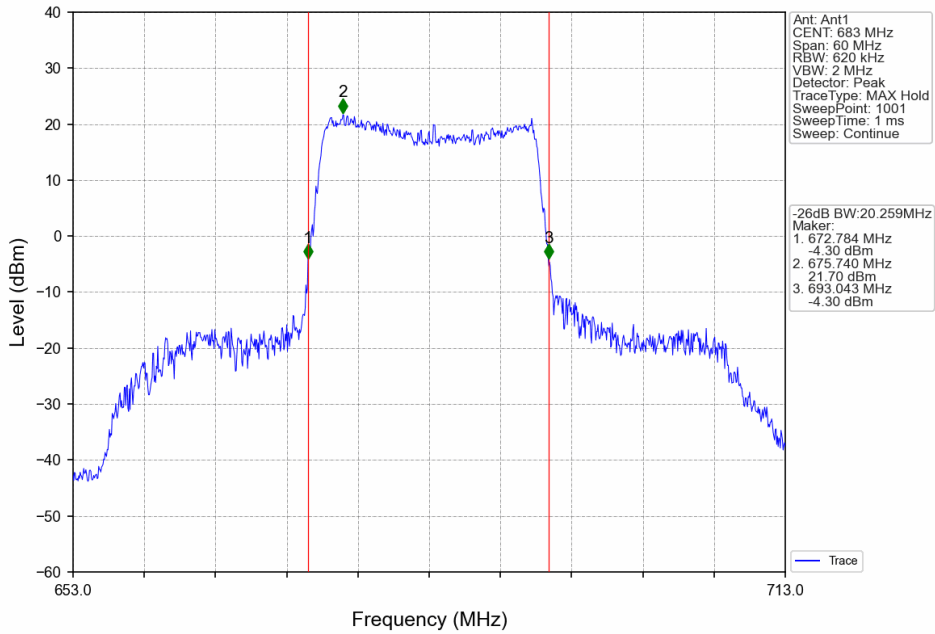
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



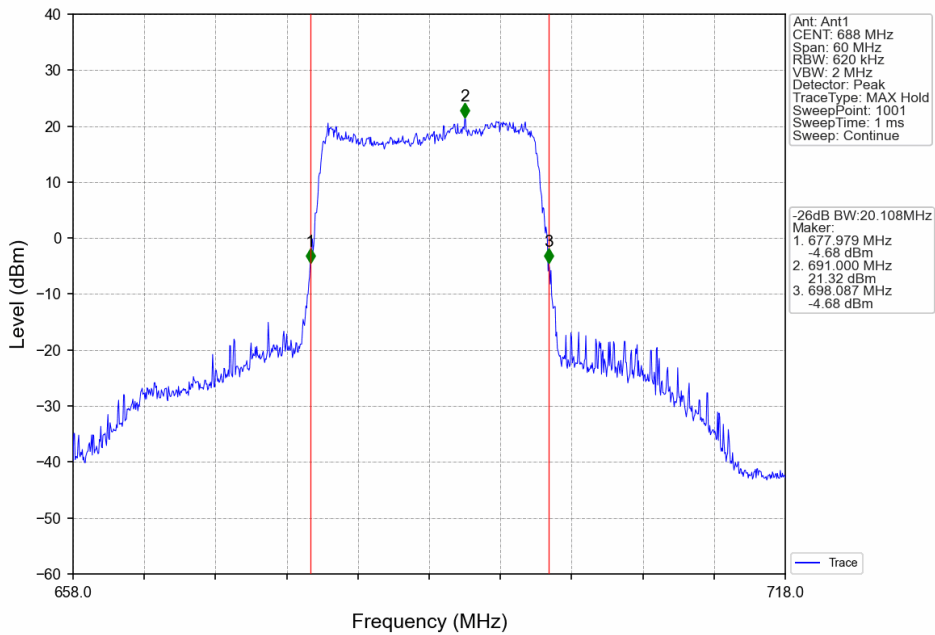
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV





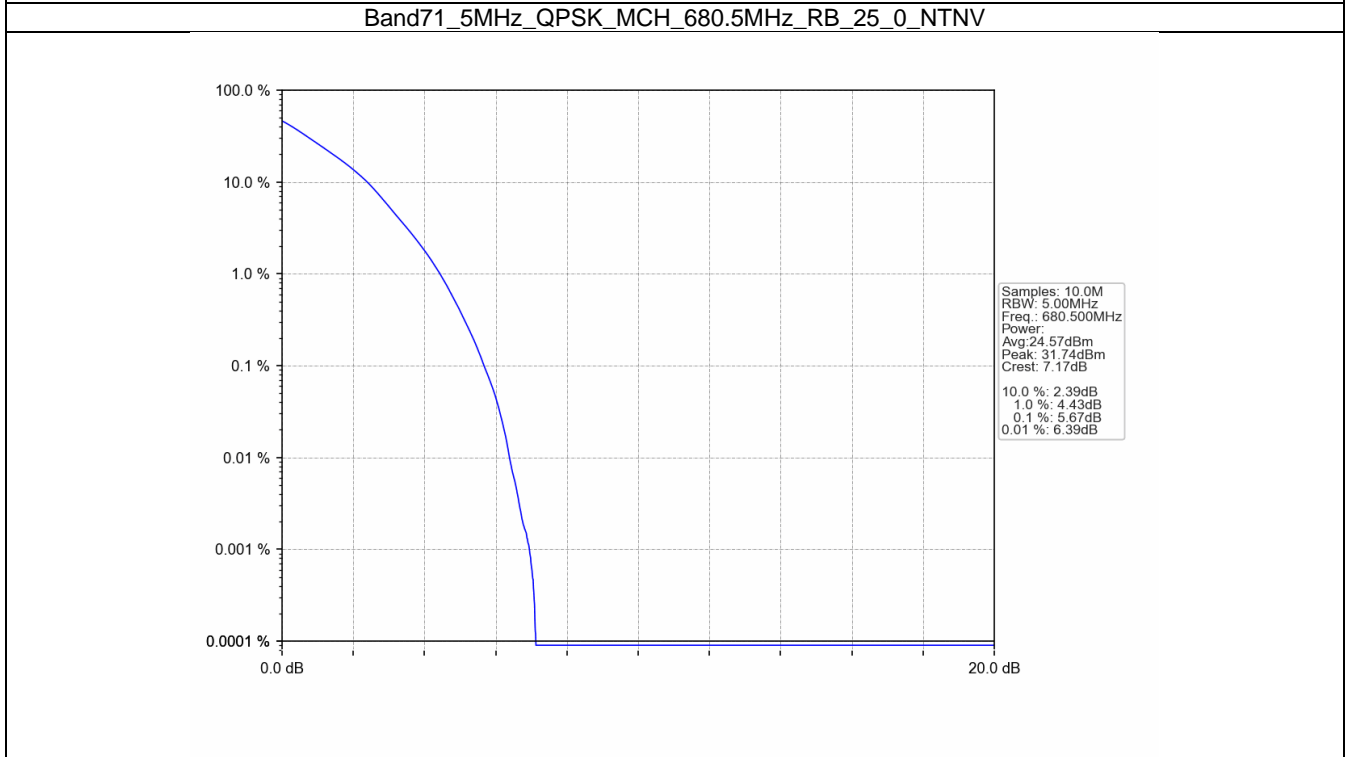
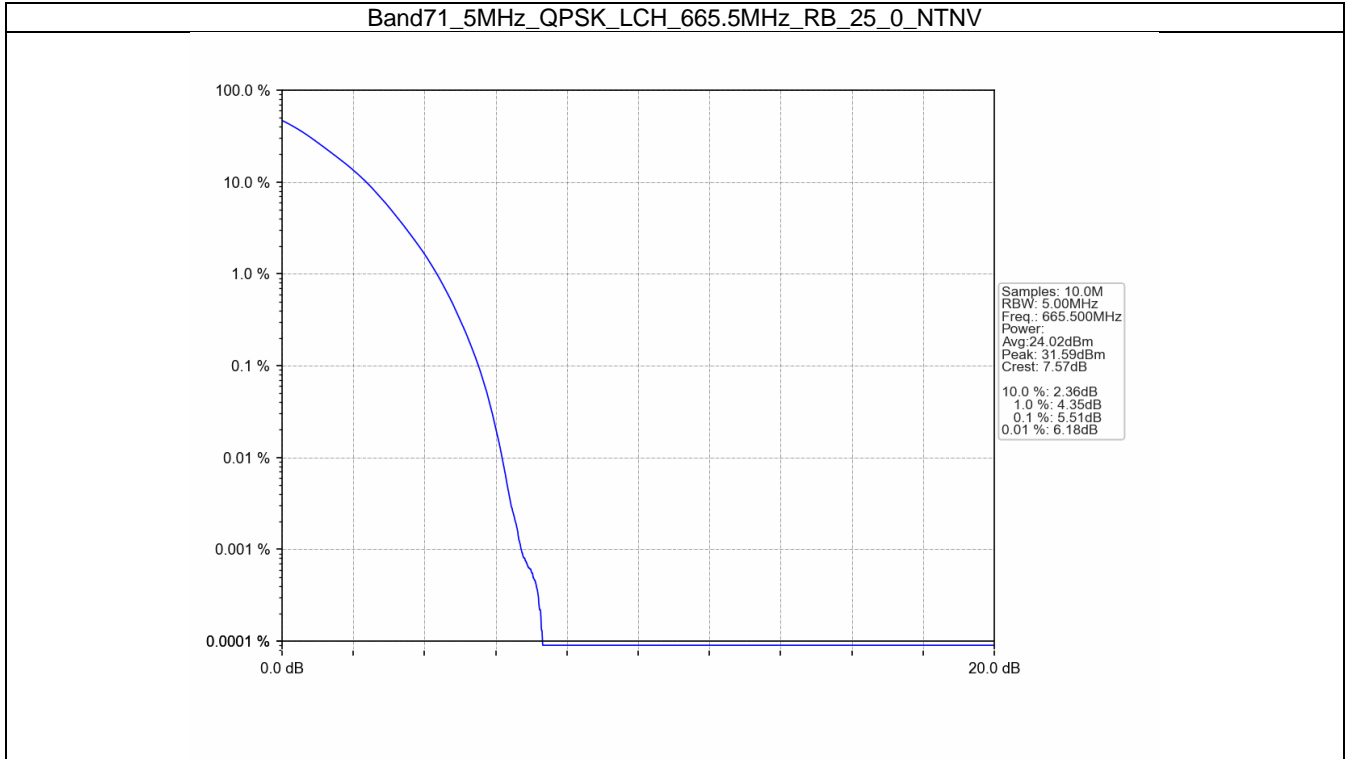
5. Peak-Average Ratio

5.1 B71_5MHz

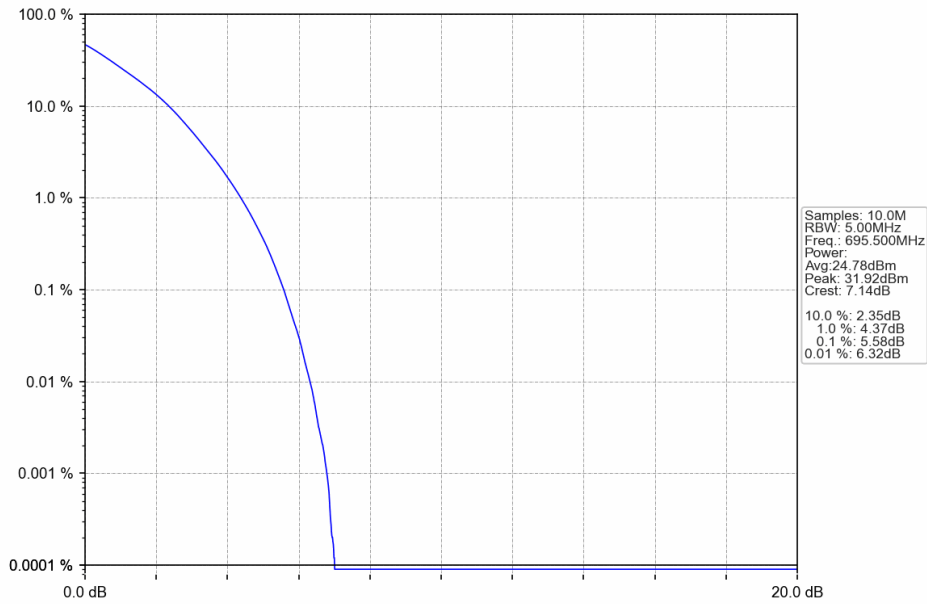
5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.51	<=13	Pass
	680.5	25	0	5.67	<=13	Pass
	695.5	25	0	5.58	<=13	Pass
16QAM	665.5	25	0	6.17	<=13	Pass
	680.5	25	0	6.41	<=13	Pass
	695.5	25	0	6.18	<=13	Pass

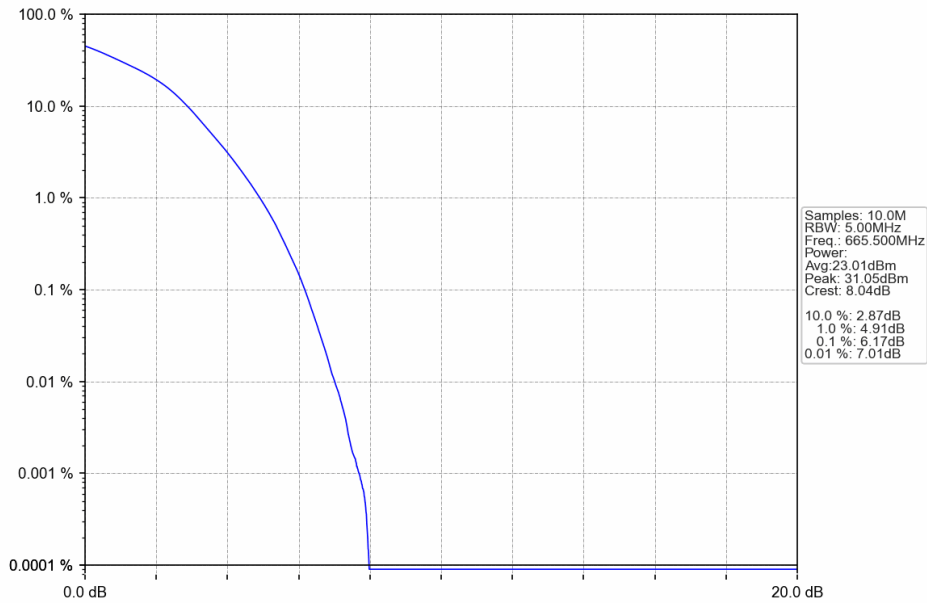
5.1.2 Test Graph



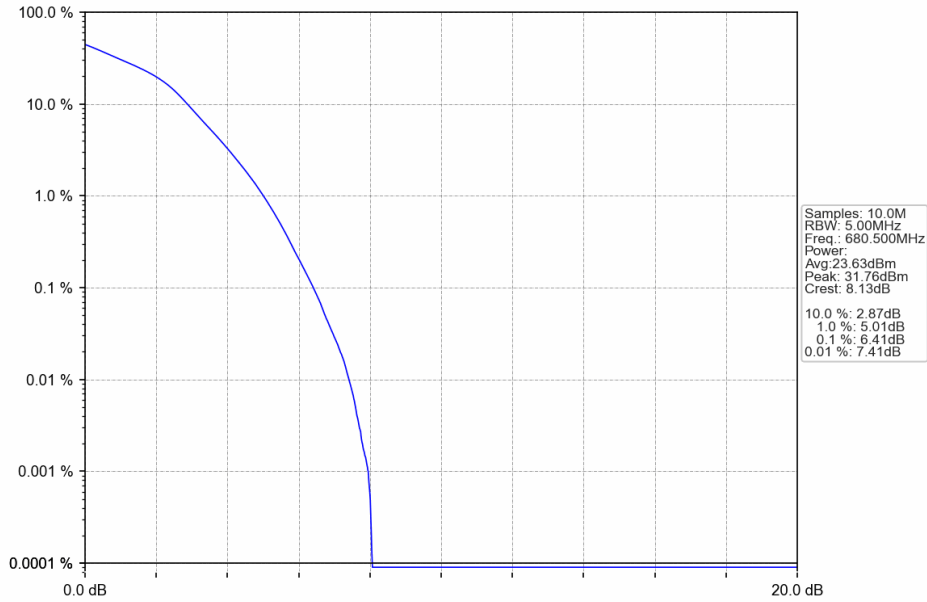
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



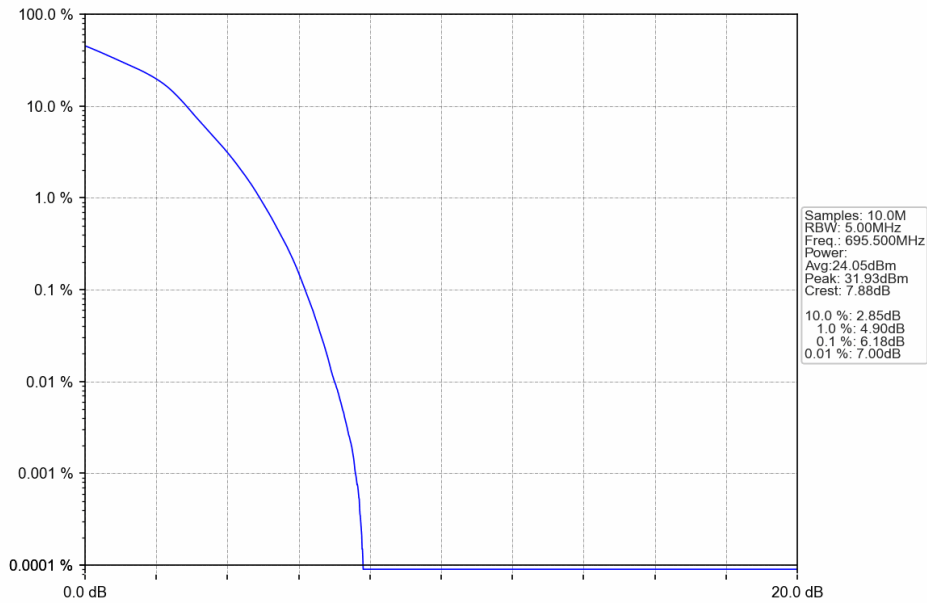
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



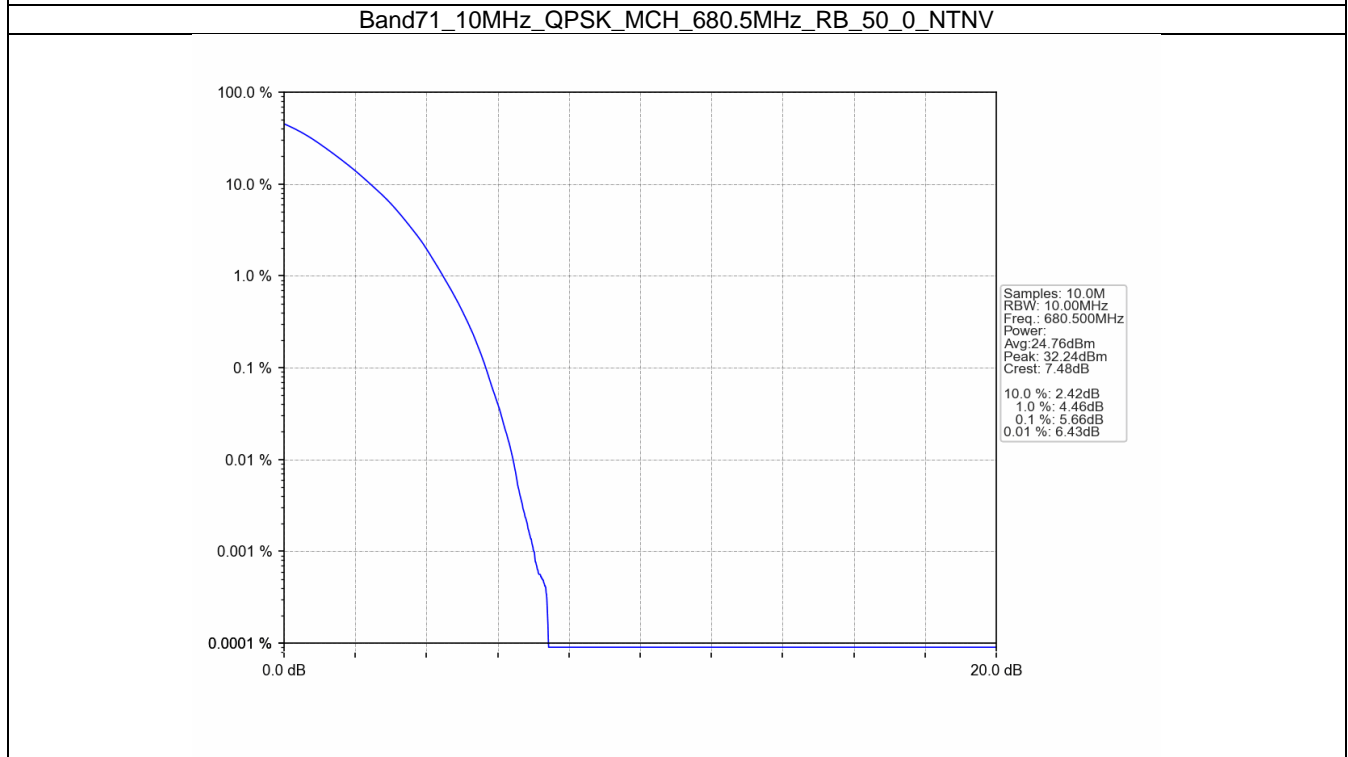
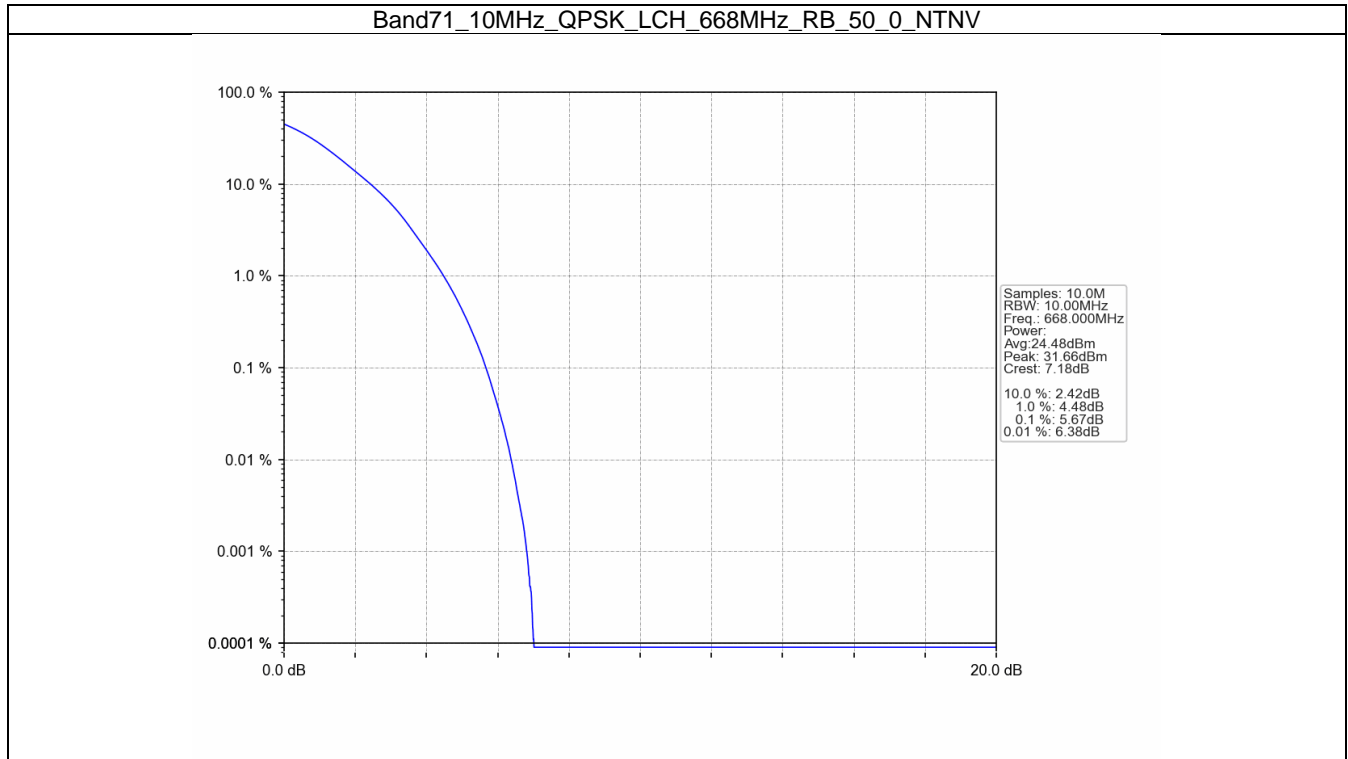


5.2 B71_10MHz

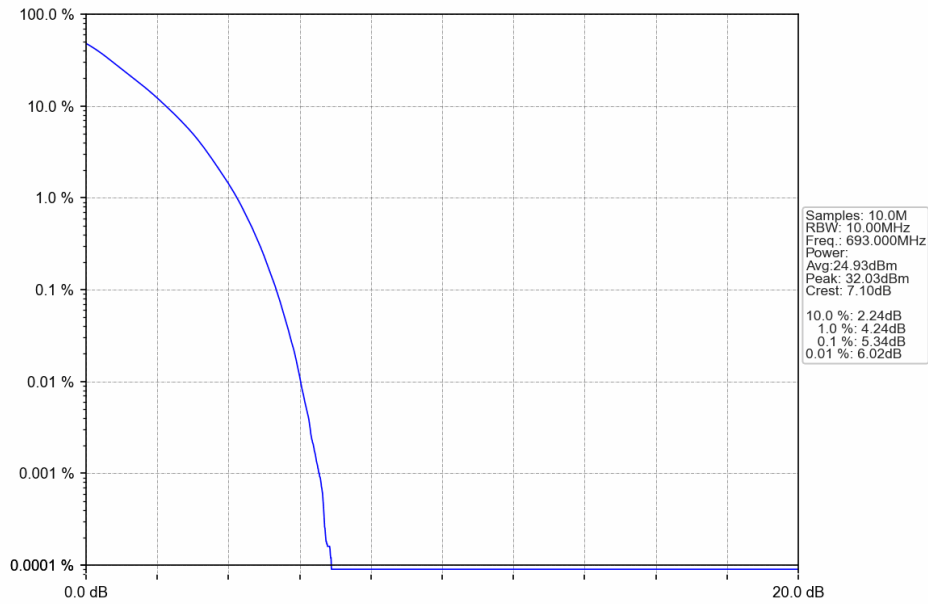
5.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.67	<=13	Pass
	680.5	50	0	5.66	<=13	Pass
	693	50	0	5.34	<=13	Pass
16QAM	668	50	0	6.32	<=13	Pass
	680.5	50	0	6.40	<=13	Pass
	693	50	0	6.08	<=13	Pass

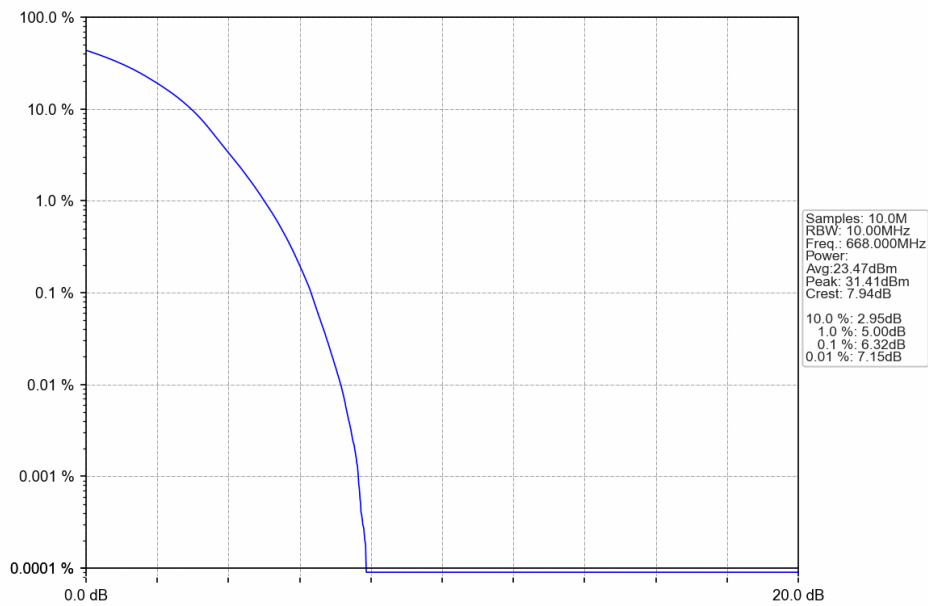
5.2.2 Test Graph



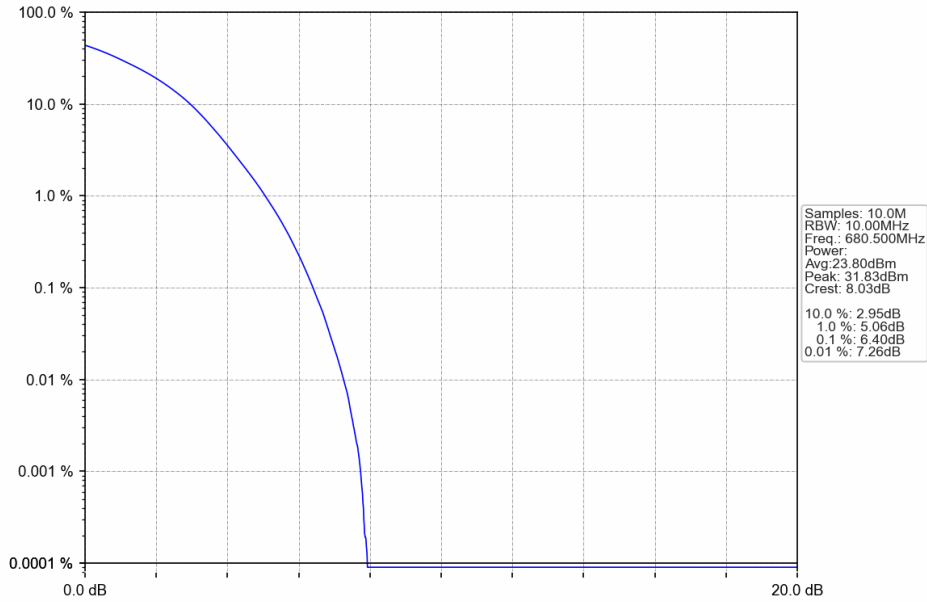
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



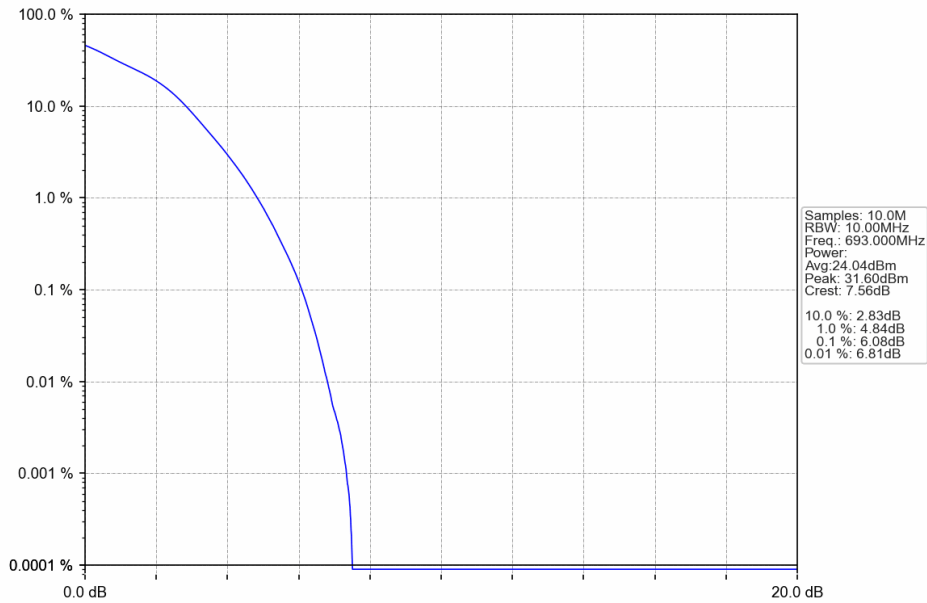
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



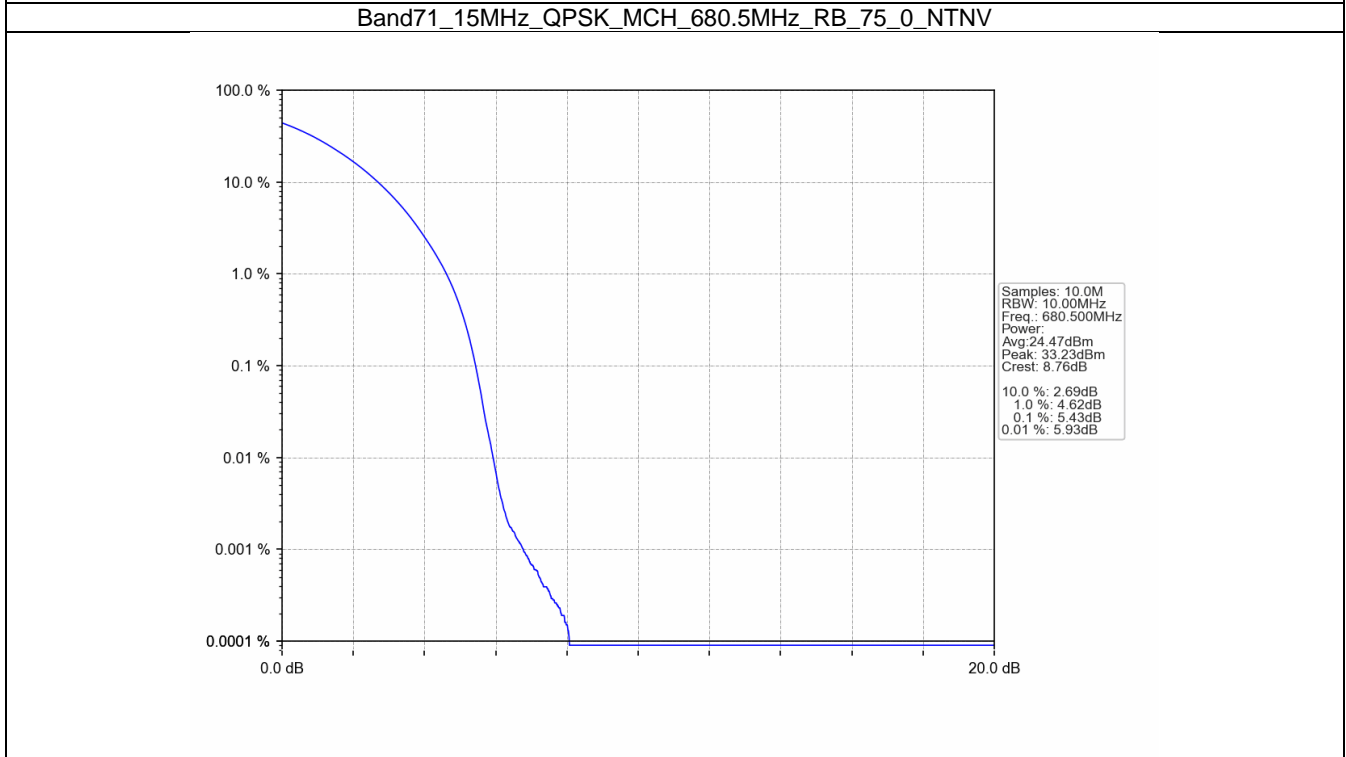
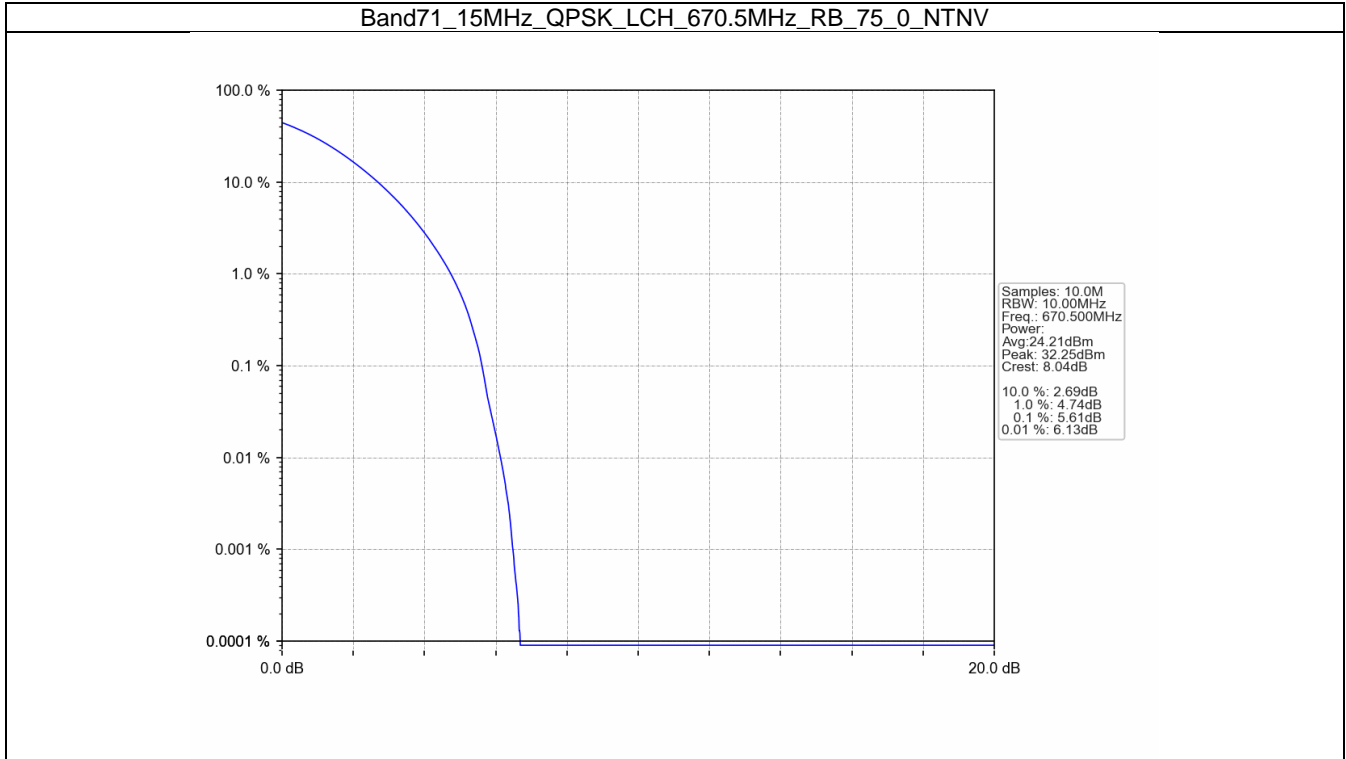


5.3 B71_15MHz

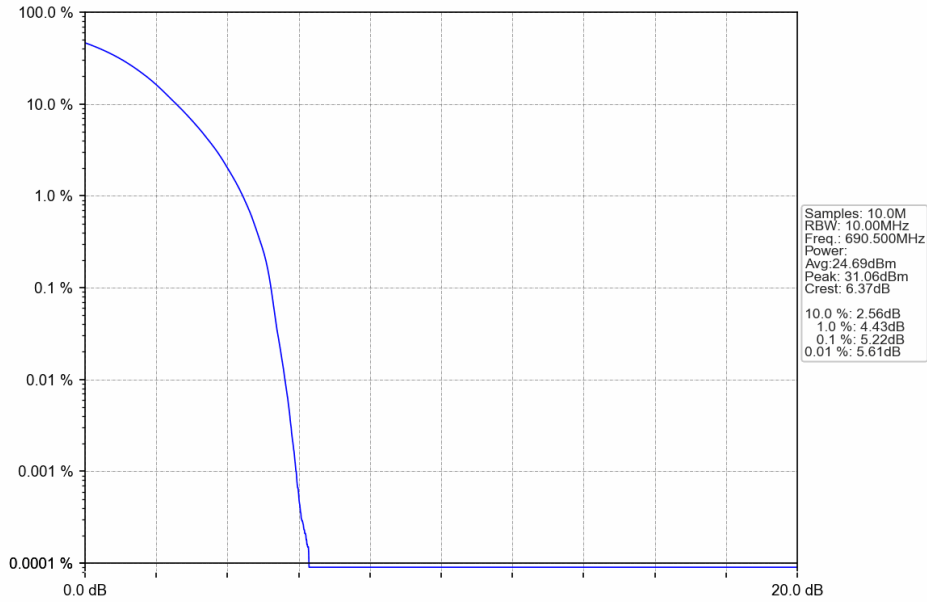
5.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.61	<=13	Pass
	680.5	75	0	5.43	<=13	Pass
	690.5	75	0	5.22	<=13	Pass
16QAM	670.5	75	0	6.27	<=13	Pass
	680.5	75	0	6.25	<=13	Pass
	690.5	75	0	6.05	<=13	Pass

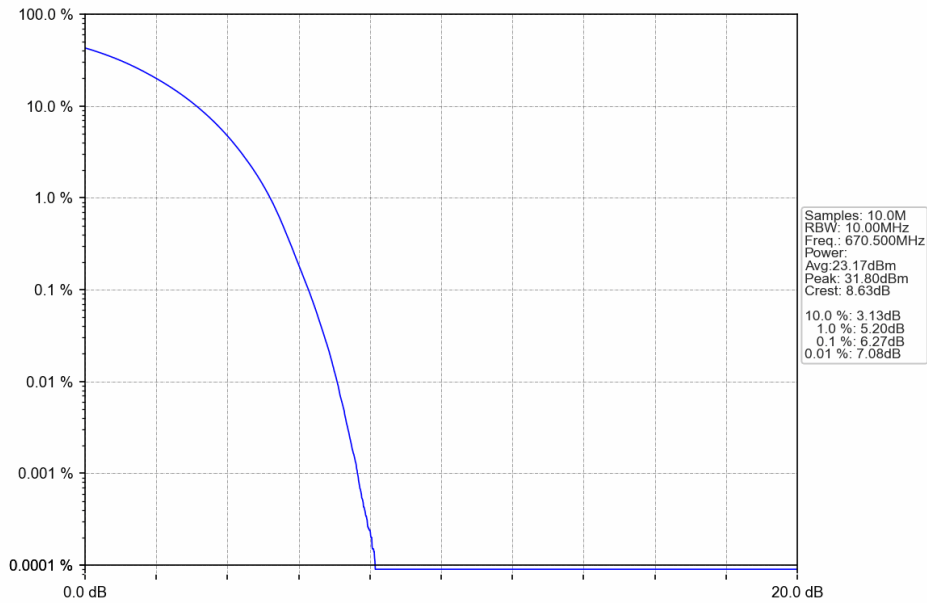
5.3.2 Test Graph



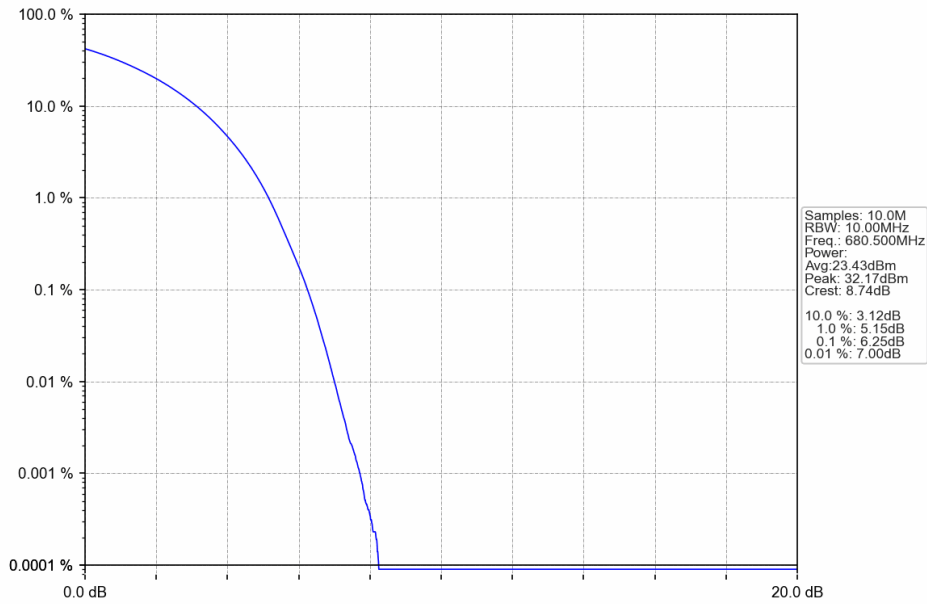
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



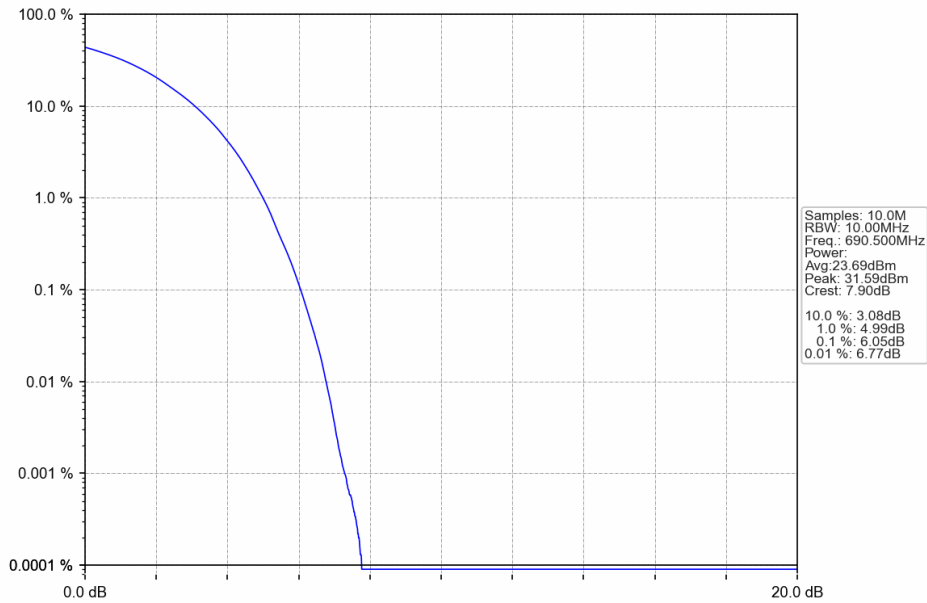
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



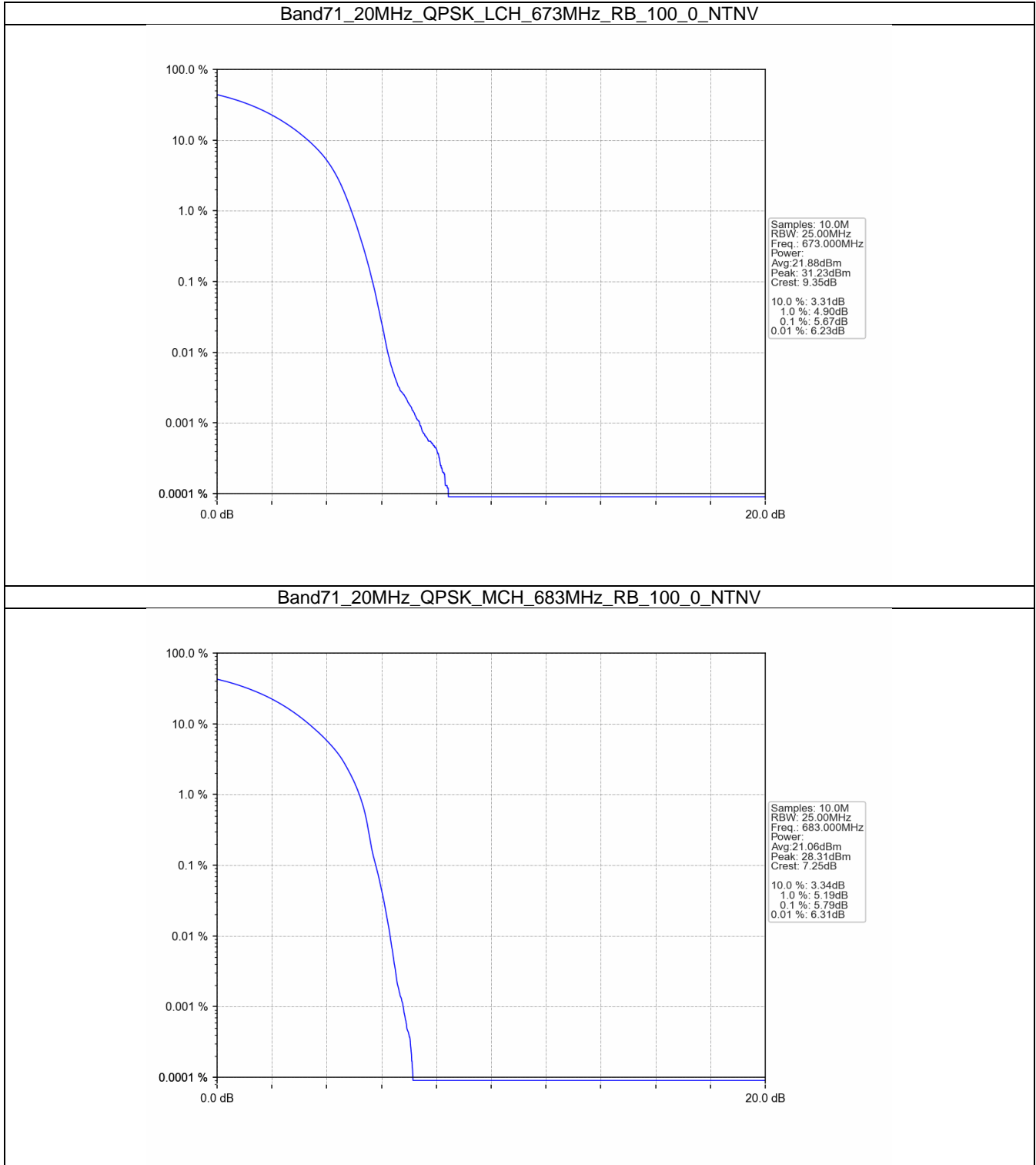


5.4 B71_20MHz

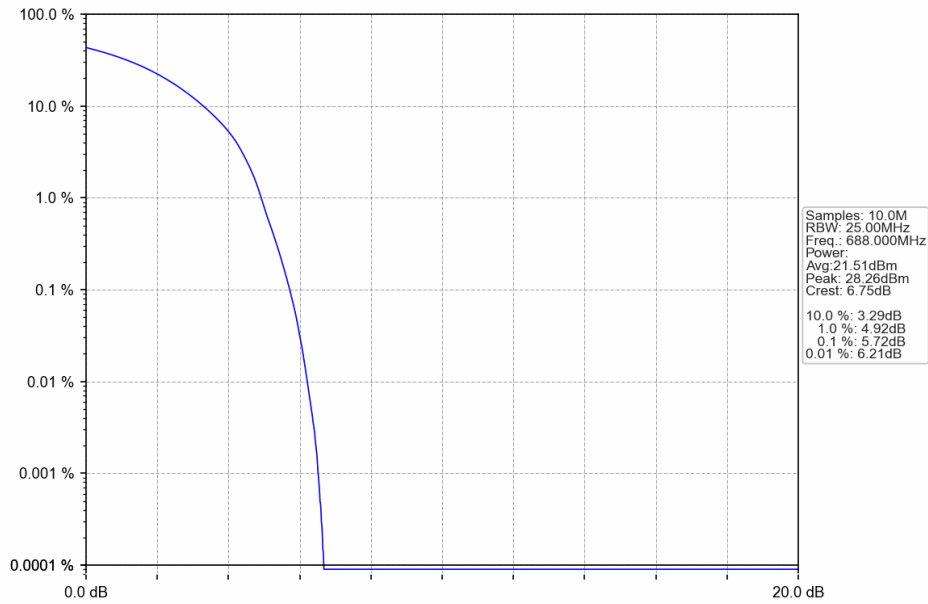
5.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.67	<=13	Pass
	683	100	0	5.79	<=13	Pass
	688	100	0	5.72	<=13	Pass
16QAM	673	100	0	6.67	<=13	Pass
	683	100	0	6.79	<=13	Pass
	688	100	0	6.68	<=13	Pass

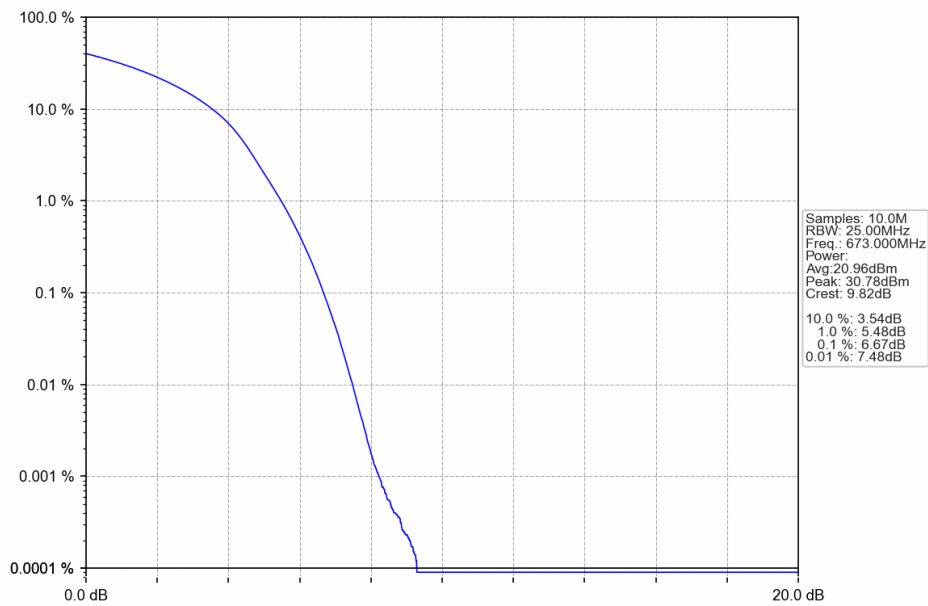
5.4.2 Test Graph



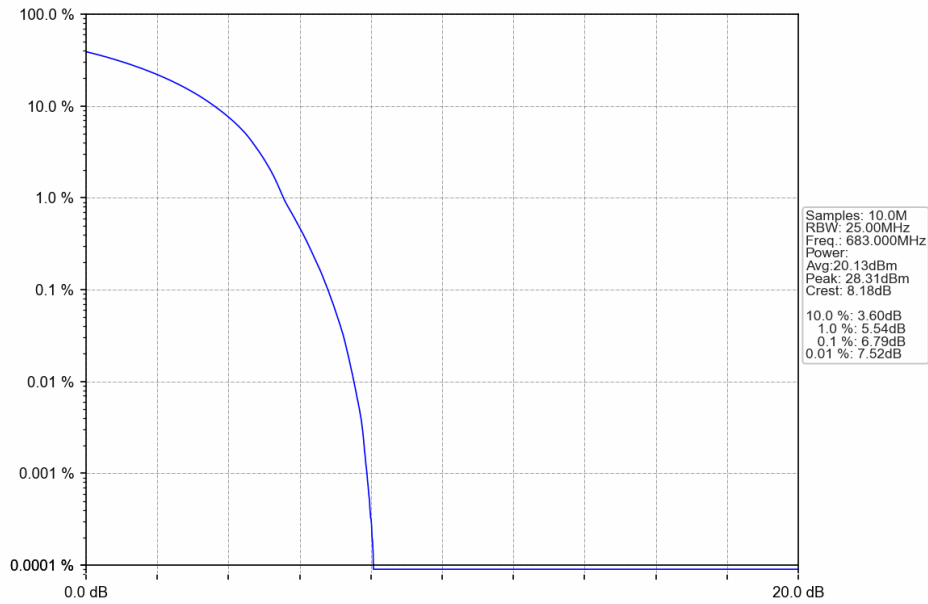
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



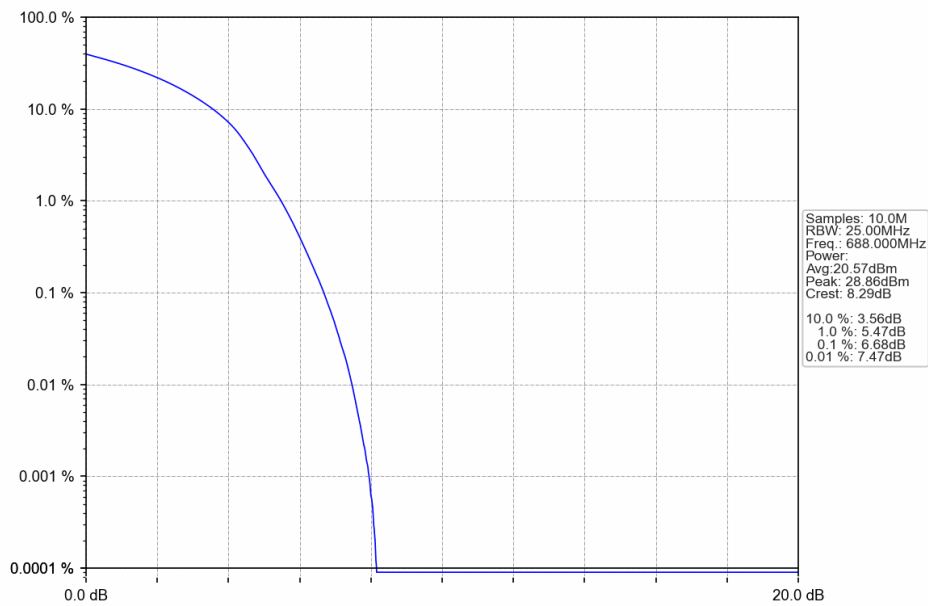
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



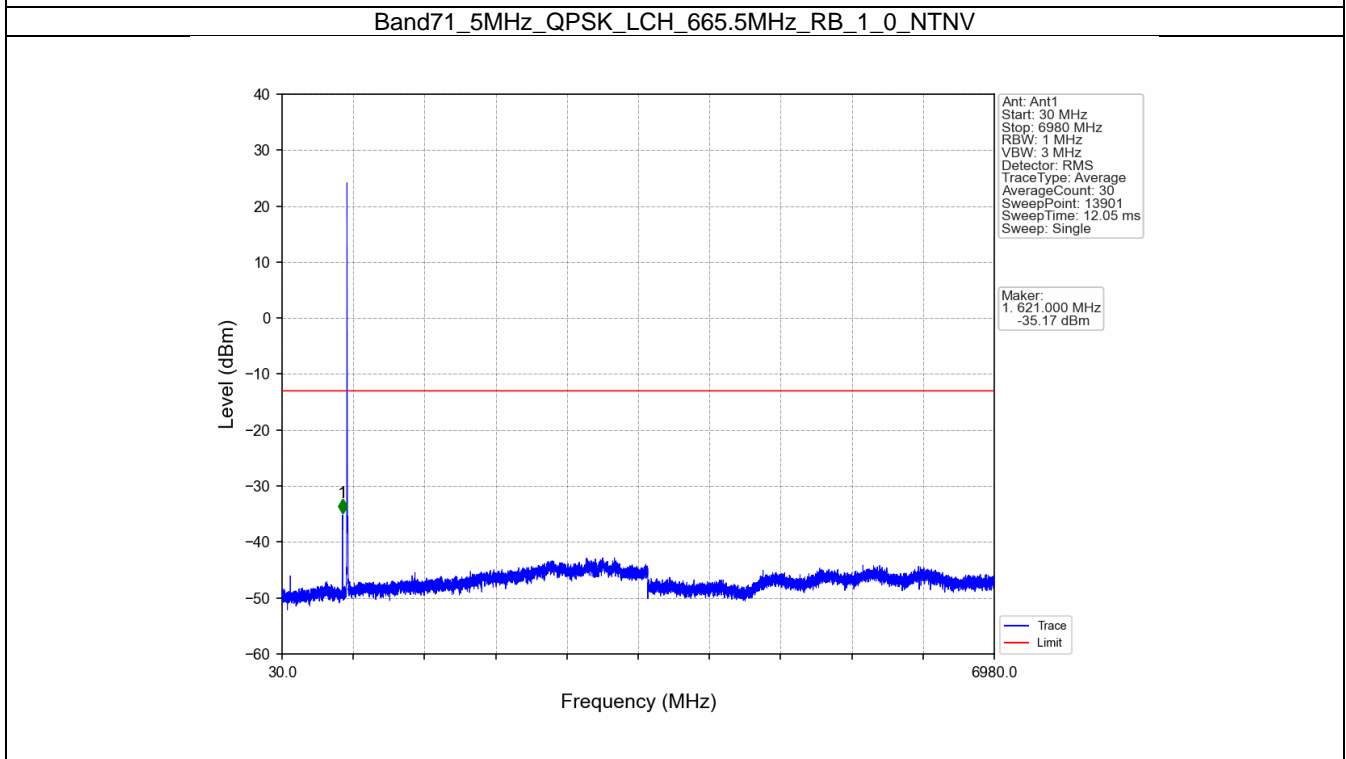
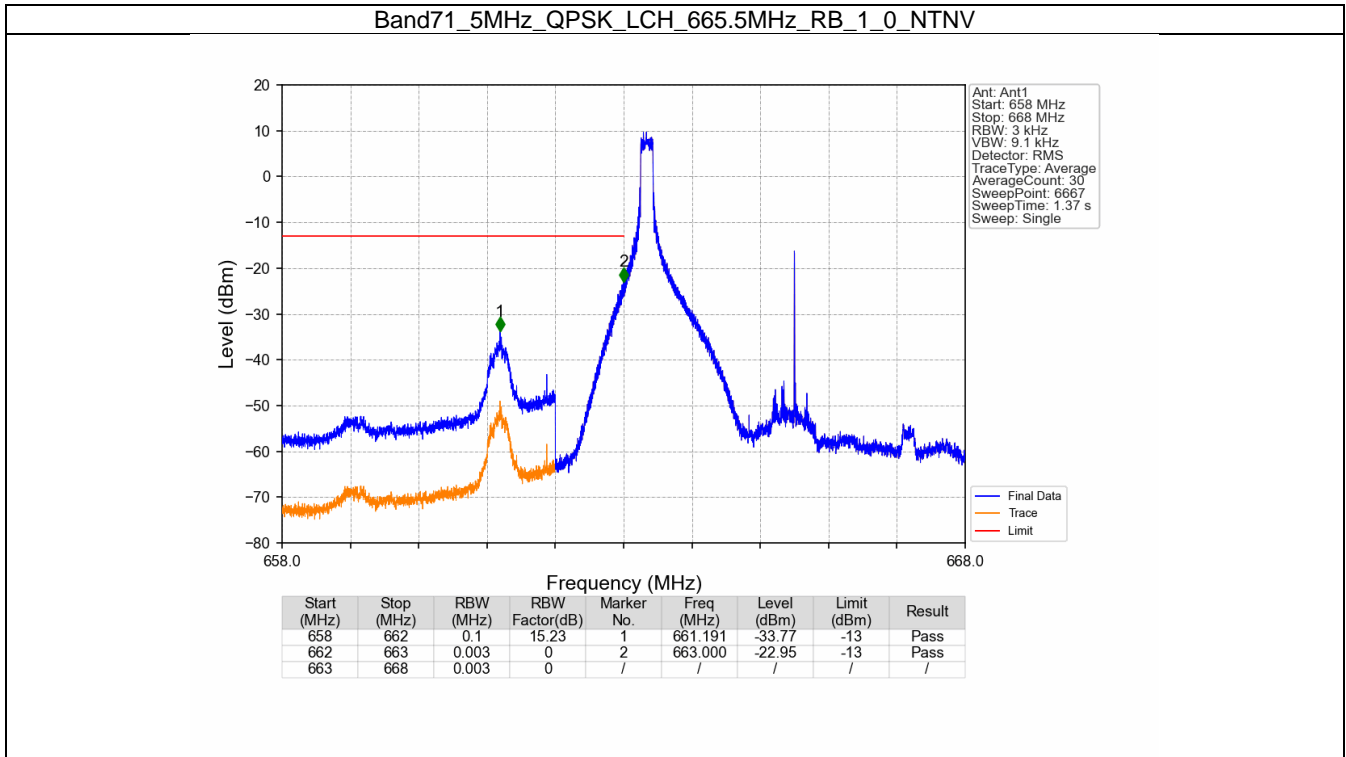
6. Spurious Emission

6.1 B71_5MHz

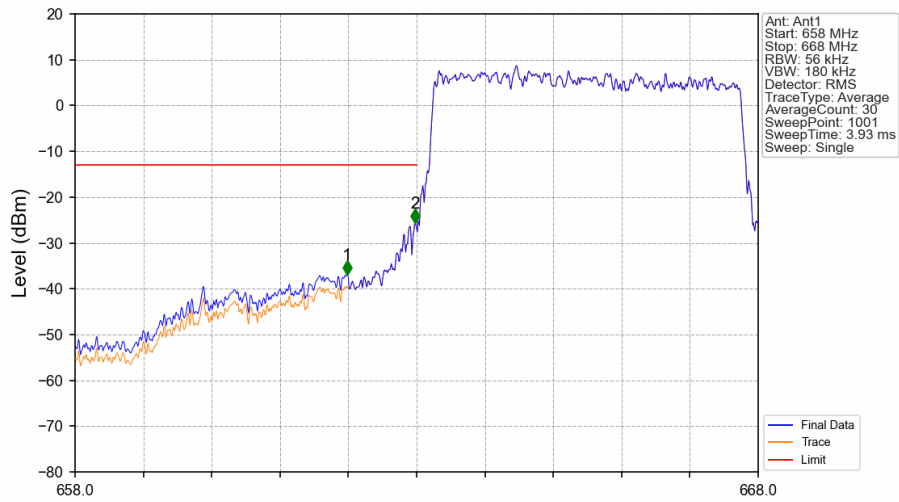
6.1.1 Test Result

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

6.1.2 Test Graph

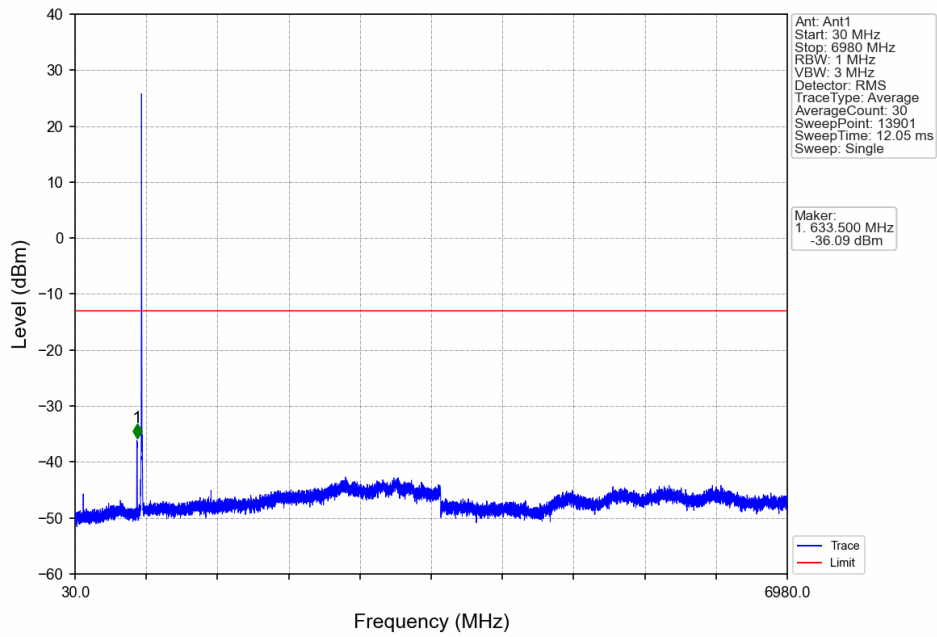


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	2.52	1	661.980	-36.97	-13	Pass
662	663	0.056	0	2	662.980	-25.73	-13	Pass
663	668	0.056	0	/	/	/	/	/

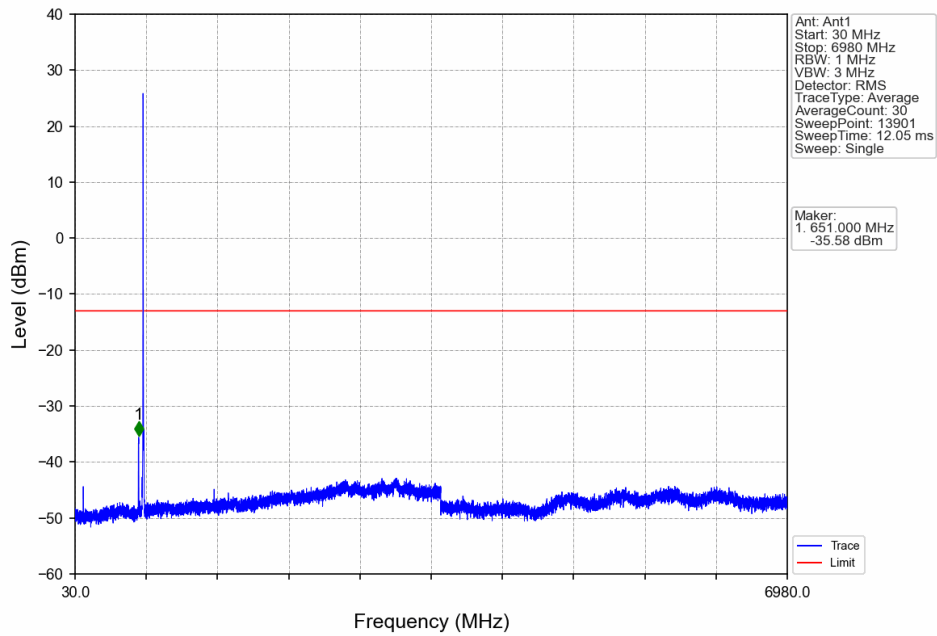
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



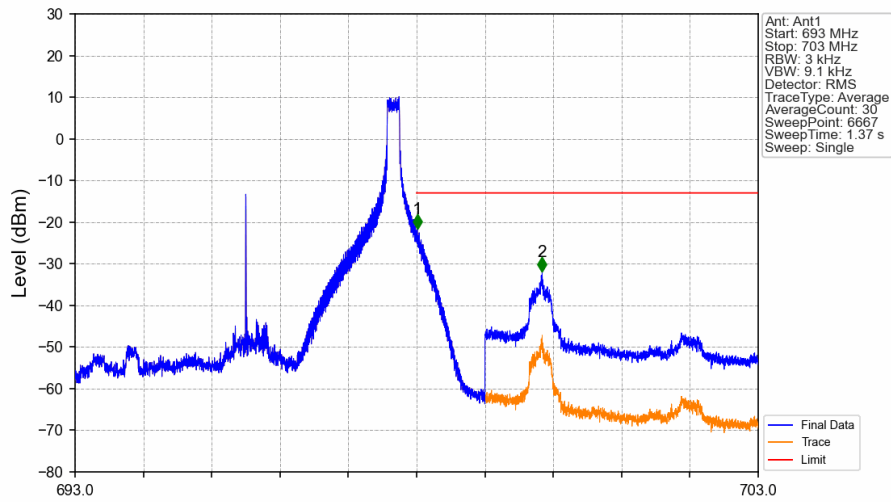
Ant: Ant1
 Start: 30 MHz
 Stop: 6980 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 13901
 Sweep Time: 12.05 ms
 Sweep: Single

Marker:
 1 633.500 MHz
 -36.09 dBm

Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

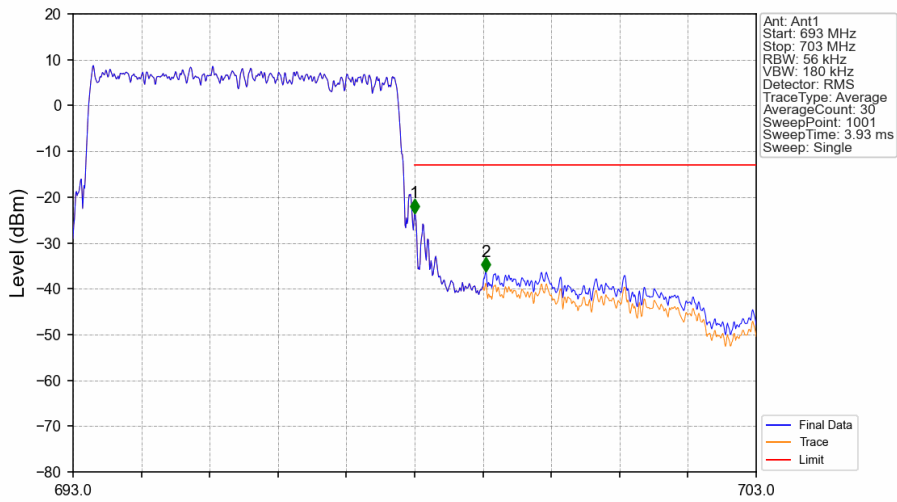


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



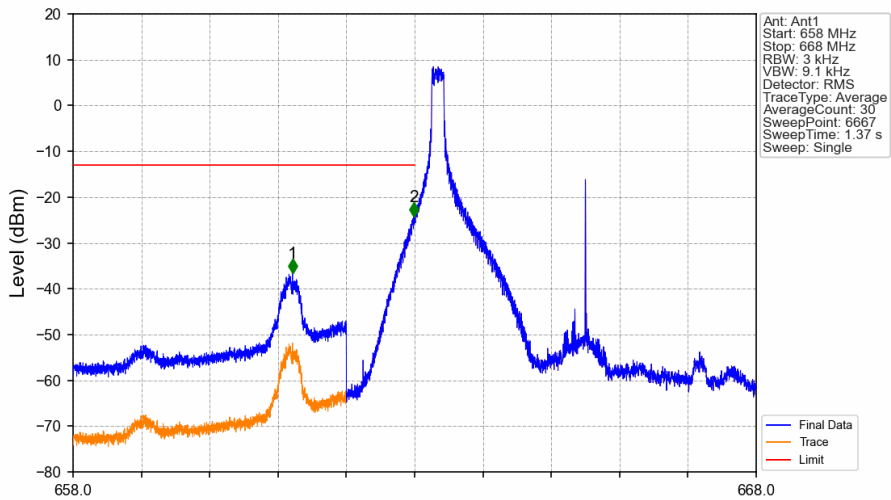
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	0	/	/	/	/	/
698	699	0.003	0	1	698.009	-21.62	-13	Pass
699	703	0.1	15.23	2	699.838	-31.95	-13	Pass

Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



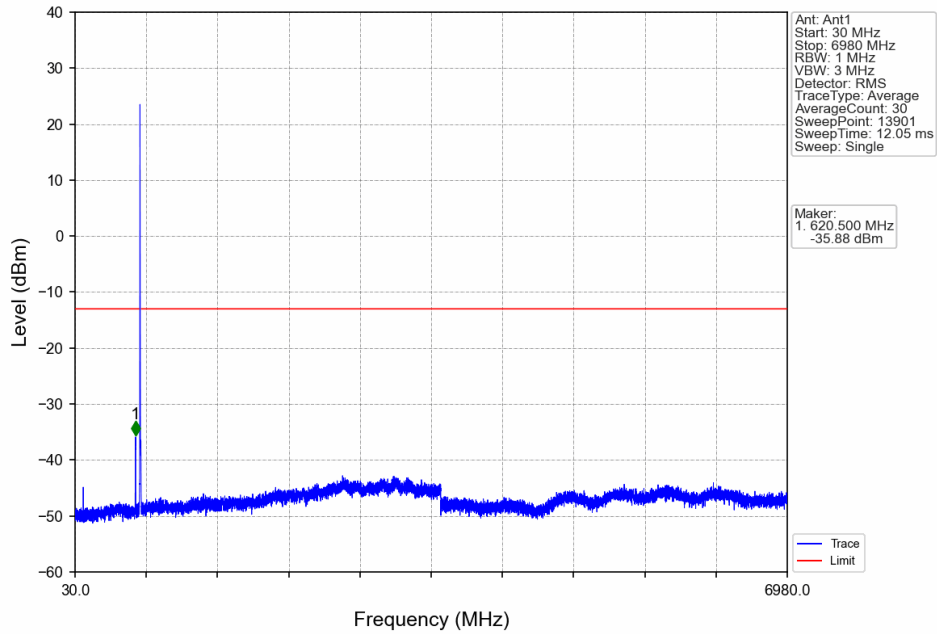
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.056	0	/	/	/	/	/
698	699	0.056	0	1	698.000	-23.49	-13	Pass
699	703	0.1	2.52	2	699.040	-36.27	-13	Pass

Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

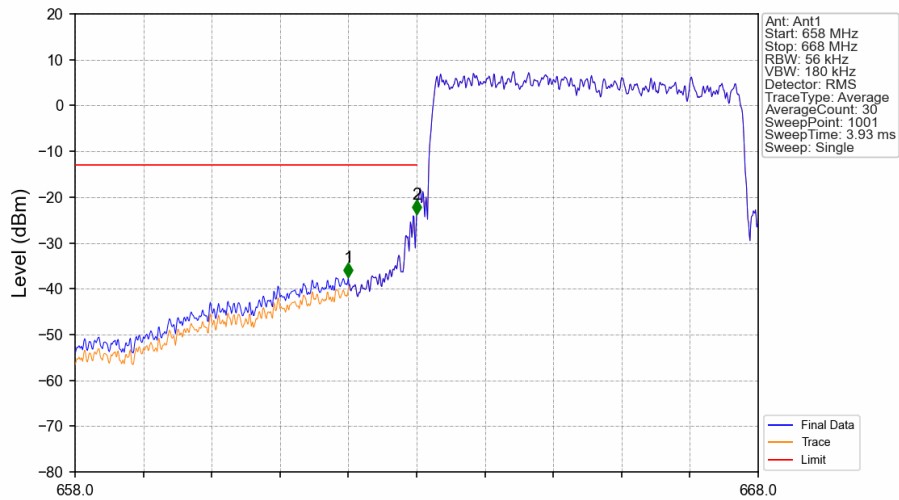


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	15.23	1	661.212	-36.57	-13	Pass
662	663	0.003	0	2	662.988	-24.22	-13	Pass
663	668	0.003	0	/	/	/	/	/

Band71_5MHz_16QAM_LCH_665.5MHz_RB_1_0_NTNV

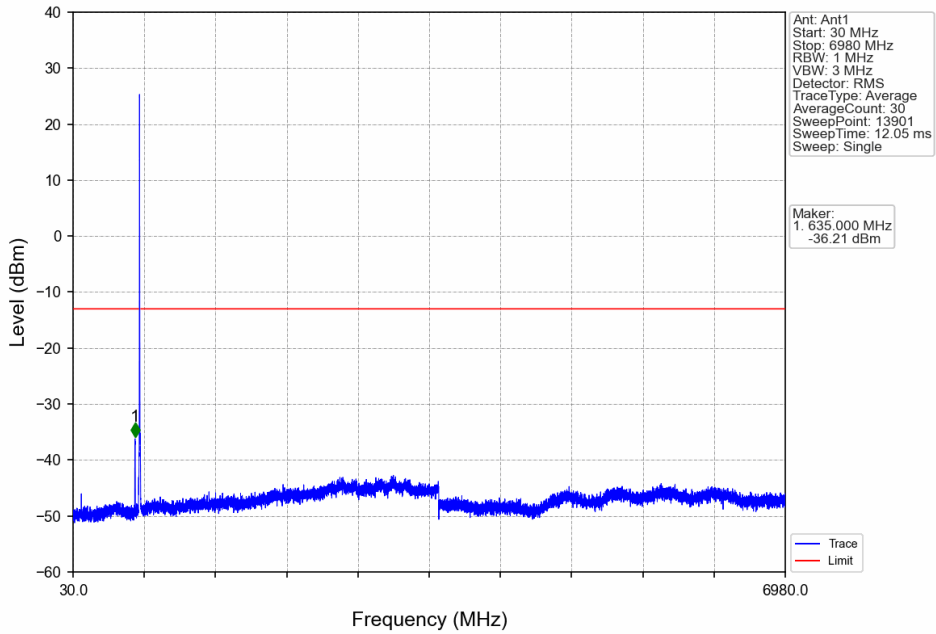


Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV

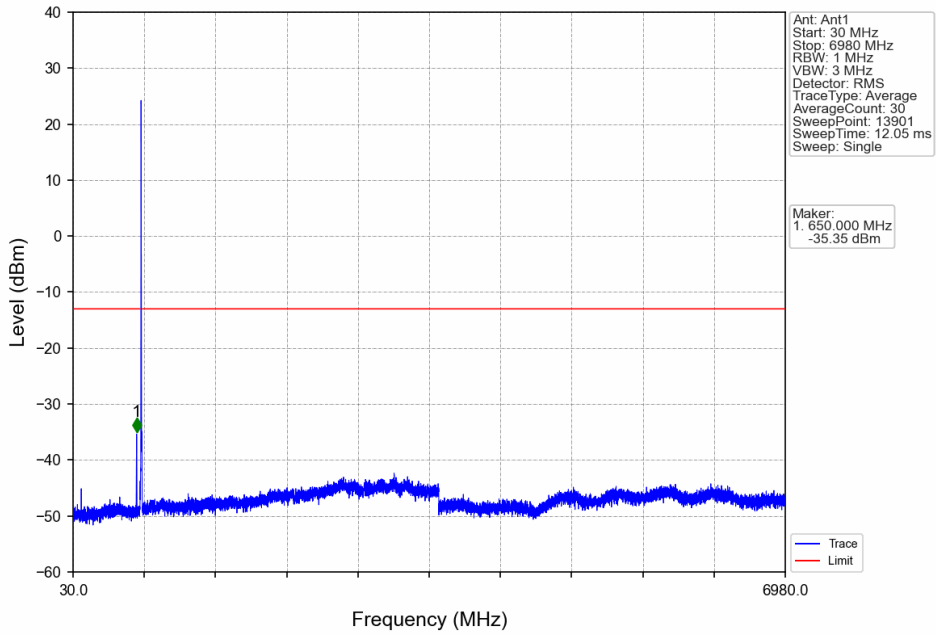


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	2.52	1	662.000	-37.52	-13	Pass
662	663	0.056	0	2	663.000	-23.79	-13	Pass
663	668	0.056	0	/	/	/	/	/

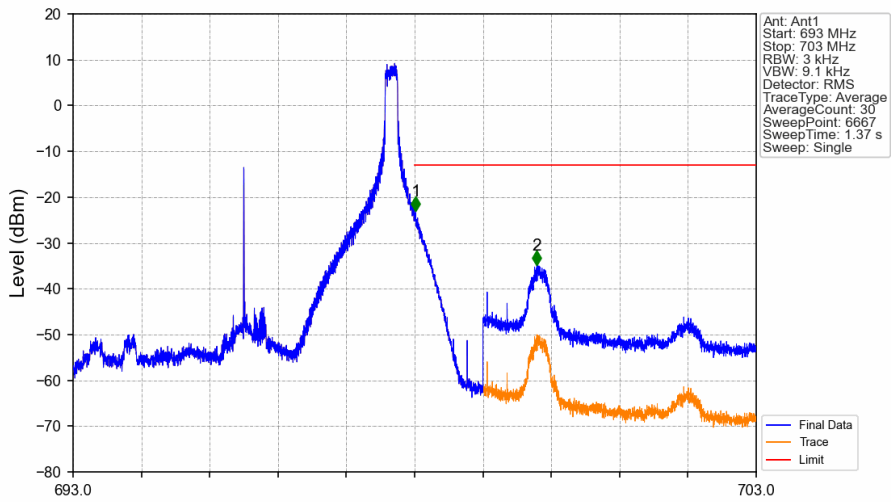
Band71_5MHz_16QAM_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_0_NTNV

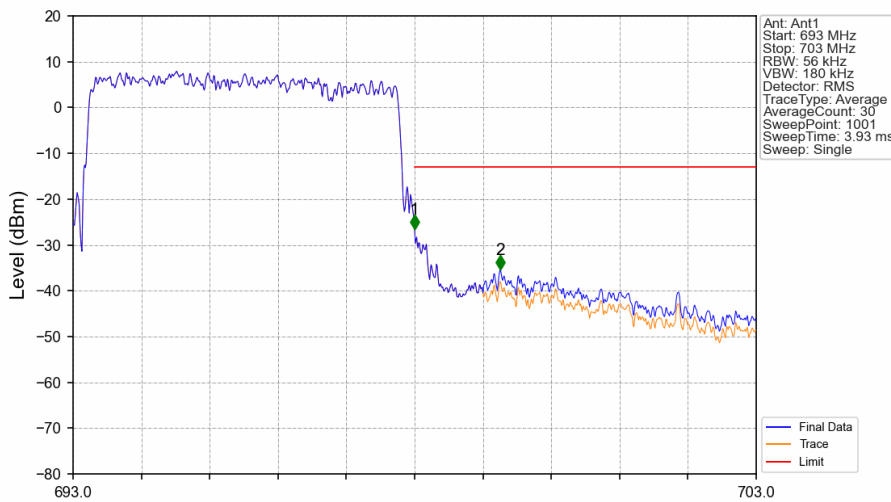


Band71_5MHz_16QAM_HCH_695.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	0	/	/	/	/	/
698	699	0.003	0	1	698.015	-22.99	-13	Pass
699	703	0.1	15.23	2	699.788	-34.80	-13	Pass

Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.056	0	/	/	/	/	/
698	699	0.056	0	1	698.000	-26.54	-13	Pass
699	703	0.1	2.52	2	699.250	-35.45	-13	Pass

6.2 B71_10MHz

6.2.1 Test Result

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

6.2.2 Test Graph

