

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	23.03	-2.81	18.07	<=34.77	Pass
			13	22.92	-2.81	17.96	<=34.77	Pass
			24	22.78	-2.81	17.82	<=34.77	Pass
		12	0	22.10	-2.81	17.14	<=34.77	Pass
			6	22.12	-2.81	17.16	<=34.77	Pass
			13	22.08	-2.81	17.12	<=34.77	Pass
		25	0	22.06	-2.81	17.10	<=34.77	Pass
	680.5	1	0	22.93	-2.81	17.97	<=34.77	Pass
			13	23.01	-2.81	18.05	<=34.77	Pass
			24	22.97	-2.81	18.01	<=34.77	Pass
		12	0	22.08	-2.81	17.12	<=34.77	Pass
			6	22.03	-2.81	17.07	<=34.77	Pass
			13	22.06	-2.81	17.10	<=34.77	Pass
		25	0	21.98	-2.81	17.02	<=34.77	Pass
	695.5	1	0	22.97	-2.81	18.01	<=34.77	Pass
			13	23.02	-2.81	18.06	<=34.77	Pass
			24	22.90	-2.81	17.94	<=34.77	Pass
		12	0	22.05	-2.81	17.09	<=34.77	Pass
			6	22.04	-2.81	17.08	<=34.77	Pass
			13	22.09	-2.81	17.13	<=34.77	Pass
		25	0	21.94	-2.81	16.98	<=34.77	Pass
16QAM	665.5	1	0	22.37	-2.81	17.41	<=34.77	Pass
			13	22.50	-2.81	17.54	<=34.77	Pass
			24	22.12	-2.81	17.16	<=34.77	Pass
		12	0	21.25	-2.81	16.29	<=34.77	Pass
			6	21.18	-2.81	16.22	<=34.77	Pass
			13	21.07	-2.81	16.11	<=34.77	Pass
		25	0	20.97	-2.81	16.01	<=34.77	Pass
	680.5	1	0	22.24	-2.81	17.28	<=34.77	Pass
			13	22.49	-2.81	17.53	<=34.77	Pass
			24	22.31	-2.81	17.35	<=34.77	Pass
		12	0	21.11	-2.81	16.15	<=34.77	Pass
			6	21.07	-2.81	16.11	<=34.77	Pass
			13	21.12	-2.81	16.16	<=34.77	Pass
		25	0	21.00	-2.81	16.04	<=34.77	Pass
	695.5	1	0	22.13	-2.81	17.17	<=34.77	Pass
			13	22.32	-2.81	17.36	<=34.77	Pass
			24	22.39	-2.81	17.43	<=34.77	Pass
		12	0	21.05	-2.81	16.09	<=34.77	Pass
			6	21.03	-2.81	16.07	<=34.77	Pass
			13	21.08	-2.81	16.12	<=34.77	Pass
		25	0	21.02	-2.81	16.06	<=34.77	Pass
64QAM	665.5	1	0	21.96	-2.81	17.00	<=34.77	Pass
			13	22.01	-2.81	17.05	<=34.77	Pass
			24	22.04	-2.81	17.08	<=34.77	Pass
		12	0	21.09	-2.81	16.13	<=34.77	Pass
			6	21.09	-2.81	16.13	<=34.77	Pass
			13	20.88	-2.81	15.92	<=34.77	Pass
		25	0	21.01	-2.81	16.05	<=34.77	Pass

	680.5	1	0	22.07	-2.81	17.11	<=34.77	Pass
			13	22.25	-2.81	17.29	<=34.77	Pass
			24	21.87	-2.81	16.91	<=34.77	Pass
		12	0	21.09	-2.81	16.13	<=34.77	Pass
			6	21.06	-2.81	16.10	<=34.77	Pass
			13	21.09	-2.81	16.13	<=34.77	Pass
		25	0	20.97	-2.81	16.01	<=34.77	Pass
	695.5	1	0	22.31	-2.81	17.35	<=34.77	Pass
			13	22.46	-2.81	17.50	<=34.77	Pass
			24	22.02	-2.81	17.06	<=34.77	Pass
		12	0	20.94	-2.81	15.98	<=34.77	Pass
			6	20.99	-2.81	16.03	<=34.77	Pass
			13	21.01	-2.81	16.05	<=34.77	Pass
		25	0	21.04	-2.81	16.08	<=34.77	Pass
256QAM	665.5	1	0	17.54	-2.81	12.58	<=34.77	Pass
			13	18.75	-2.81	13.79	<=34.77	Pass
			24	18.79	-2.81	13.83	<=34.77	Pass
		12	0	16.54	-2.81	11.58	<=34.77	Pass
			6	18.17	-2.81	13.21	<=34.77	Pass
			13	18.21	-2.81	13.25	<=34.77	Pass
		25	0	18.06	-2.81	13.10	<=34.77	Pass
	680.5	1	0	18.02	-2.81	13.06	<=34.77	Pass
			13	18.21	-2.81	13.25	<=34.77	Pass
			24	18.17	-2.81	13.21	<=34.77	Pass
		12	0	17.72	-2.81	12.76	<=34.77	Pass
			6	18.08	-2.81	13.12	<=34.77	Pass
			13	18.11	-2.81	13.15	<=34.77	Pass
		25	0	18.02	-2.81	13.06	<=34.77	Pass
	695.5	1	0	17.82	-2.81	12.86	<=34.77	Pass
			13	18.07	-2.81	13.11	<=34.77	Pass
			24	18.08	-2.81	13.12	<=34.77	Pass
		12	0	17.99	-2.81	13.03	<=34.77	Pass
			6	18.24	-2.81	13.28	<=34.77	Pass
			13	18.00	-2.81	13.04	<=34.77	Pass
		25	0	18.09	-2.81	13.13	<=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	23.06	-2.81	18.10	<=34.77	Pass
			25	22.90	-2.81	17.94	<=34.77	Pass
			49	22.91	-2.81	17.95	<=34.77	Pass
		25	0	22.11	-2.81	17.15	<=34.77	Pass
			13	22.05	-2.81	17.09	<=34.77	Pass
			25	22.02	-2.81	17.06	<=34.77	Pass
		50	0	22.13	-2.81	17.17	<=34.77	Pass
	680.5	1	0	23.02	-2.81	18.06	<=34.77	Pass
			25	23.01	-2.81	18.05	<=34.77	Pass
			49	23.03	-2.81	18.07	<=34.77	Pass
		25	0	22.06	-2.81	17.10	<=34.77	Pass
			13	22.08	-2.81	17.12	<=34.77	Pass
			25	22.07	-2.81	17.11	<=34.77	Pass
		50	0	22.02	-2.81	17.06	<=34.77	Pass
	693	1	0	22.97	-2.81	18.01	<=34.77	Pass

		25	25	23.07	-2.81	18.11	<=34.77	Pass
			49	22.91	-2.81	17.95	<=34.77	Pass
			0	22.11	-2.81	17.15	<=34.77	Pass
			13	22.21	-2.81	17.25	<=34.77	Pass
			25	22.13	-2.81	17.17	<=34.77	Pass
		50	0	22.11	-2.81	17.15	<=34.77	Pass
16QAM	668	1	0	22.04	-2.81	17.08	<=34.77	Pass
			25	22.23	-2.81	17.27	<=34.77	Pass
			49	21.97	-2.81	17.01	<=34.77	Pass
		25	0	21.07	-2.81	16.11	<=34.77	Pass
			13	21.01	-2.81	16.05	<=34.77	Pass
			25	21.04	-2.81	16.08	<=34.77	Pass
		50	0	21.02	-2.81	16.06	<=34.77	Pass
	680.5	1	0	22.22	-2.81	17.26	<=34.77	Pass
			25	22.24	-2.81	17.28	<=34.77	Pass
			49	21.90	-2.81	16.94	<=34.77	Pass
		25	0	20.98	-2.81	16.02	<=34.77	Pass
			13	21.06	-2.81	16.10	<=34.77	Pass
			25	21.11	-2.81	16.15	<=34.77	Pass
		50	0	21.12	-2.81	16.16	<=34.77	Pass
	693	1	0	22.23	-2.81	17.27	<=34.77	Pass
			25	22.41	-2.81	17.45	<=34.77	Pass
			49	21.89	-2.81	16.93	<=34.77	Pass
		25	0	21.12	-2.81	16.16	<=34.77	Pass
			13	21.11	-2.81	16.15	<=34.77	Pass
			25	21.05	-2.81	16.09	<=34.77	Pass
		50	0	21.04	-2.81	16.08	<=34.77	Pass
64QAM	668	1	0	22.02	-2.81	17.06	<=34.77	Pass
			25	22.29	-2.81	17.33	<=34.77	Pass
			49	22.01	-2.81	17.05	<=34.77	Pass
		25	0	21.08	-2.81	16.12	<=34.77	Pass
			13	20.97	-2.81	16.01	<=34.77	Pass
			25	21.00	-2.81	16.04	<=34.77	Pass
		50	0	21.02	-2.81	16.06	<=34.77	Pass
	680.5	1	0	21.86	-2.81	16.90	<=34.77	Pass
			25	22.07	-2.81	17.11	<=34.77	Pass
			49	22.30	-2.81	17.34	<=34.77	Pass
		25	0	21.07	-2.81	16.11	<=34.77	Pass
			13	21.00	-2.81	16.04	<=34.77	Pass
			25	21.08	-2.81	16.12	<=34.77	Pass
		50	0	21.07	-2.81	16.11	<=34.77	Pass
	693	1	0	22.17	-2.81	17.21	<=34.77	Pass
			25	21.94	-2.81	16.98	<=34.77	Pass
			49	22.06	-2.81	17.10	<=34.77	Pass
		25	0	21.11	-2.81	16.15	<=34.77	Pass
			13	21.12	-2.81	16.16	<=34.77	Pass
			25	21.05	-2.81	16.09	<=34.77	Pass
		50	0	21.02	-2.81	16.06	<=34.77	Pass
256QAM	668	1	0	16.88	-2.81	11.92	<=34.77	Pass
			25	19.50	-2.81	14.54	<=34.77	Pass
			49	18.07	-2.81	13.11	<=34.77	Pass
		25	0	18.16	-2.81	13.20	<=34.77	Pass
			13	18.22	-2.81	13.26	<=34.77	Pass
			25	18.00	-2.81	13.04	<=34.77	Pass
		50	0	18.11	-2.81	13.15	<=34.77	Pass
	680.5	1	0	17.72	-2.81	12.76	<=34.77	Pass
			25	18.23	-2.81	13.27	<=34.77	Pass
			49	18.23	-2.81	13.27	<=34.77	Pass
		25	0	17.96	-2.81	13.00	<=34.77	Pass

			13	18.03	-2.81	13.07	<=34.77	Pass
			25	18.15	-2.81	13.19	<=34.77	Pass
		50	0	18.05	-2.81	13.09	<=34.77	Pass
	693	1	0	18.19	-2.81	13.23	<=34.77	Pass
			25	18.34	-2.81	13.38	<=34.77	Pass
			49	18.68	-2.81	13.72	<=34.77	Pass
		25	0	17.67	-2.81	12.71	<=34.77	Pass
			13	18.13	-2.81	13.17	<=34.77	Pass
			25	18.14	-2.81	13.18	<=34.77	Pass
		50	0	17.92	-2.81	12.96	<=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	22.73	-2.81	17.77	<=34.77	Pass
			38	22.70	-2.81	17.74	<=34.77	Pass
			74	22.78	-2.81	17.82	<=34.77	Pass
		36	0	21.80	-2.81	16.84	<=34.77	Pass
			18	21.83	-2.81	16.87	<=34.77	Pass
			39	21.83	-2.81	16.87	<=34.77	Pass
		75	0	22.02	-2.81	17.06	<=34.77	Pass
	680.5	1	0	22.61	-2.81	17.65	<=34.77	Pass
			38	22.85	-2.81	17.89	<=34.77	Pass
			74	22.77	-2.81	17.81	<=34.77	Pass
		36	0	21.76	-2.81	16.80	<=34.77	Pass
			18	21.80	-2.81	16.84	<=34.77	Pass
			39	21.83	-2.81	16.87	<=34.77	Pass
		75	0	21.82	-2.81	16.86	<=34.77	Pass
	690.5	1	0	22.80	-2.81	17.84	<=34.77	Pass
			38	22.81	-2.81	17.85	<=34.77	Pass
			74	22.64	-2.81	17.68	<=34.77	Pass
		36	0	21.99	-2.81	17.03	<=34.77	Pass
			18	21.85	-2.81	16.89	<=34.77	Pass
			39	21.86	-2.81	16.90	<=34.77	Pass
		75	0	21.95	-2.81	16.99	<=34.77	Pass
16QAM	670.5	1	0	21.71	-2.81	16.75	<=34.77	Pass
			38	21.93	-2.81	16.97	<=34.77	Pass
			74	22.05	-2.81	17.09	<=34.77	Pass
		36	0	20.71	-2.81	15.75	<=34.77	Pass
			18	20.76	-2.81	15.80	<=34.77	Pass
			39	20.79	-2.81	15.83	<=34.77	Pass
		75	0	20.87	-2.81	15.91	<=34.77	Pass
	680.5	1	0	21.98	-2.81	17.02	<=34.77	Pass
			38	22.13	-2.81	17.17	<=34.77	Pass
			74	22.11	-2.81	17.15	<=34.77	Pass
		36	0	20.77	-2.81	15.81	<=34.77	Pass
			18	20.87	-2.81	15.91	<=34.77	Pass
			39	20.91	-2.81	15.95	<=34.77	Pass
		75	0	20.83	-2.81	15.87	<=34.77	Pass
	690.5	1	0	21.98	-2.81	17.02	<=34.77	Pass
			38	22.10	-2.81	17.14	<=34.77	Pass
			74	22.01	-2.81	17.05	<=34.77	Pass
		36	0	20.88	-2.81	15.92	<=34.77	Pass
			18	20.94	-2.81	15.98	<=34.77	Pass

			39	20.68	-2.81	15.72	<=34.77	Pass		
		75	0	20.95	-2.81	15.99	<=34.77	Pass		
64QAM	670.5	1	0	21.87	-2.81	16.91	<=34.77	Pass		
			38	21.70	-2.81	16.74	<=34.77	Pass		
			74	21.78	-2.81	16.82	<=34.77	Pass		
			0	20.77	-2.81	15.81	<=34.77	Pass		
		36	18	20.82	-2.81	15.86	<=34.77	Pass		
			39	20.81	-2.81	15.85	<=34.77	Pass		
			75	0	20.88	-2.81	15.92	<=34.77	Pass	
		680.5	1	0	21.60	-2.81	16.64	<=34.77	Pass	
				38	21.71	-2.81	16.75	<=34.77	Pass	
	74			21.75	-2.81	16.79	<=34.77	Pass		
	0			20.82	-2.81	15.86	<=34.77	Pass		
	36		18	20.79	-2.81	15.83	<=34.77	Pass		
			39	20.95	-2.81	15.99	<=34.77	Pass		
			75	0	20.85	-2.81	15.89	<=34.77	Pass	
	690.5		1	0	21.45	-2.81	16.49	<=34.77	Pass	
				38	21.77	-2.81	16.81	<=34.77	Pass	
		74		21.68	-2.81	16.72	<=34.77	Pass		
		0		20.88	-2.81	15.92	<=34.77	Pass		
		36	18	20.76	-2.81	15.80	<=34.77	Pass		
			39	20.83	-2.81	15.87	<=34.77	Pass		
			75	0	20.78	-2.81	15.82	<=34.77	Pass	
		256QAM	670.5	1	0	17.72	-2.81	12.76	<=34.77	Pass
					38	18.25	-2.81	13.29	<=34.77	Pass
74	17.85				-2.81	12.89	<=34.77	Pass		
36	0			17.65	-2.81	12.69	<=34.77	Pass		
	18			17.90	-2.81	12.94	<=34.77	Pass		
	39			17.87	-2.81	12.91	<=34.77	Pass		
75	0			17.99	-2.81	13.03	<=34.77	Pass		
680.5	1		0	17.85	-2.81	12.89	<=34.77	Pass		
			38	18.02	-2.81	13.06	<=34.77	Pass		
			74	17.93	-2.81	12.97	<=34.77	Pass		
	36		0	17.46	-2.81	12.50	<=34.77	Pass		
			18	17.85	-2.81	12.89	<=34.77	Pass		
			39	18.00	-2.81	13.04	<=34.77	Pass		
	75		0	17.88	-2.81	12.92	<=34.77	Pass		
690.5	1		0	18.42	-2.81	13.46	<=34.77	Pass		
			38	16.73	-2.81	11.77	<=34.77	Pass		
			74	17.97	-2.81	13.01	<=34.77	Pass		
	36		0	17.92	-2.81	12.96	<=34.77	Pass		
			18	17.87	-2.81	12.91	<=34.77	Pass		
			39	17.97	-2.81	13.01	<=34.77	Pass		
	75		0	18.05	-2.81	13.09	<=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	22.78	-2.81	17.82	<=34.77	Pass
			50	22.79	-2.81	17.83	<=34.77	Pass
			99	22.86	-2.81	17.90	<=34.77	Pass
		50	0	21.80	-2.81	16.84	<=34.77	Pass
			25	21.92	-2.81	16.96	<=34.77	Pass
			50	21.95	-2.81	16.99	<=34.77	Pass

		100	0	21.94	-2.81	16.98	<=34.77	Pass
	683	1	0	22.67	-2.81	17.71	<=34.77	Pass
			50	22.85	-2.81	17.89	<=34.77	Pass
			99	22.78	-2.81	17.82	<=34.77	Pass
			0	21.80	-2.81	16.84	<=34.77	Pass
		50	25	21.97	-2.81	17.01	<=34.77	Pass
			50	21.93	-2.81	16.97	<=34.77	Pass
			100	0	21.93	-2.81	16.97	<=34.77
	688	1	0	22.76	-2.81	17.80	<=34.77	Pass
			50	22.83	-2.81	17.87	<=34.77	Pass
			99	22.72	-2.81	17.76	<=34.77	Pass
			0	21.79	-2.81	16.83	<=34.77	Pass
		50	25	22.01	-2.81	17.05	<=34.77	Pass
			50	21.92	-2.81	16.96	<=34.77	Pass
			100	0	21.91	-2.81	16.95	<=34.77
16QAM	673	1	0	21.96	-2.81	17.00	<=34.77	Pass
			50	22.04	-2.81	17.08	<=34.77	Pass
			99	22.03	-2.81	17.07	<=34.77	Pass
			0	20.90	-2.81	15.94	<=34.77	Pass
		50	25	20.93	-2.81	15.97	<=34.77	Pass
			50	20.92	-2.81	15.96	<=34.77	Pass
			100	0	20.92	-2.81	15.96	<=34.77
	683	1	0	22.20	-2.81	17.24	<=34.77	Pass
			50	22.01	-2.81	17.05	<=34.77	Pass
			99	21.79	-2.81	16.83	<=34.77	Pass
			0	20.96	-2.81	16.00	<=34.77	Pass
		50	25	20.96	-2.81	16.00	<=34.77	Pass
			50	20.97	-2.81	16.01	<=34.77	Pass
			100	0	20.85	-2.81	15.89	<=34.77
	688	1	0	22.08	-2.81	17.12	<=34.77	Pass
			50	22.09	-2.81	17.13	<=34.77	Pass
			99	22.05	-2.81	17.09	<=34.77	Pass
			0	20.72	-2.81	15.76	<=34.77	Pass
		50	25	21.01	-2.81	16.05	<=34.77	Pass
			50	20.82	-2.81	15.86	<=34.77	Pass
			100	0	20.93	-2.81	15.97	<=34.77
64QAM	673	1	0	21.94	-2.81	16.98	<=34.77	Pass
			50	21.96	-2.81	17.00	<=34.77	Pass
			99	21.89	-2.81	16.93	<=34.77	Pass
			0	20.79	-2.81	15.83	<=34.77	Pass
		50	25	20.92	-2.81	15.96	<=34.77	Pass
			50	21.01	-2.81	16.05	<=34.77	Pass
			100	0	21.01	-2.81	16.05	<=34.77
	683	1	0	21.87	-2.81	16.91	<=34.77	Pass
			50	21.86	-2.81	16.90	<=34.77	Pass
			99	21.76	-2.81	16.80	<=34.77	Pass
			0	20.86	-2.81	15.90	<=34.77	Pass
		50	25	20.97	-2.81	16.01	<=34.77	Pass
			50	20.94	-2.81	15.98	<=34.77	Pass
			100	0	20.88	-2.81	15.92	<=34.77
	688	1	0	21.85	-2.81	16.89	<=34.77	Pass
50			22.23	-2.81	17.27	<=34.77	Pass	
99			21.47	-2.81	16.51	<=34.77	Pass	
0			20.79	-2.81	15.83	<=34.77	Pass	
50		25	21.01	-2.81	16.05	<=34.77	Pass	
		50	20.82	-2.81	15.86	<=34.77	Pass	
		100	0	20.91	-2.81	15.95	<=34.77	Pass
256QAM	673	1	0	17.02	-2.81	12.06	<=34.77	Pass
			50	18.23	-2.81	13.27	<=34.77	Pass

		50	99	19.41	-2.81	14.45	<=34.77	Pass
			0	17.80	-2.81	12.84	<=34.77	Pass
			25	17.88	-2.81	12.92	<=34.77	Pass
			50	18.02	-2.81	13.06	<=34.77	Pass
		100	0	18.08	-2.81	13.12	<=34.77	Pass
	683	1	0	17.64	-2.81	12.68	<=34.77	Pass
			50	18.00	-2.81	13.04	<=34.77	Pass
			99	17.71	-2.81	12.75	<=34.77	Pass
		50	0	17.97	-2.81	13.01	<=34.77	Pass
			25	18.01	-2.81	13.05	<=34.77	Pass
			50	17.98	-2.81	13.02	<=34.77	Pass
		100	0	17.92	-2.81	12.96	<=34.77	Pass
	688	1	0	17.80	-2.81	12.84	<=34.77	Pass
			50	17.82	-2.81	12.86	<=34.77	Pass
			99	17.84	-2.81	12.88	<=34.77	Pass
		50	0	17.75	-2.81	12.79	<=34.77	Pass
			25	18.00	-2.81	13.04	<=34.77	Pass
			50	17.91	-2.81	12.95	<=34.77	Pass
		100	0	18.00	-2.81	13.04	<=34.77	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

2. Frequency Stability

2.1 Test Result

2.1.1 B71_10MHz

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	680.5	50	0	20	LV	1.300	0.0019	-2.5 to 2.5	Pass
					NV	1.800	0.0026	-2.5 to 2.5	Pass
					HV	2.100	0.0031	-2.5 to 2.5	Pass
				-30	NV	0.200	0.0003	-2.5 to 2.5	Pass
				-20	NV	0.600	0.0009	-2.5 to 2.5	Pass
				-10	NV	1.500	0.0022	-2.5 to 2.5	Pass
				0	NV	0.600	0.0009	-2.5 to 2.5	Pass
				10	NV	2.600	0.0038	-2.5 to 2.5	Pass
				30	NV	3.300	0.0048	-2.5 to 2.5	Pass
				40	NV	0.300	0.0004	-2.5 to 2.5	Pass
				50	NV	0.800	0.0012	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

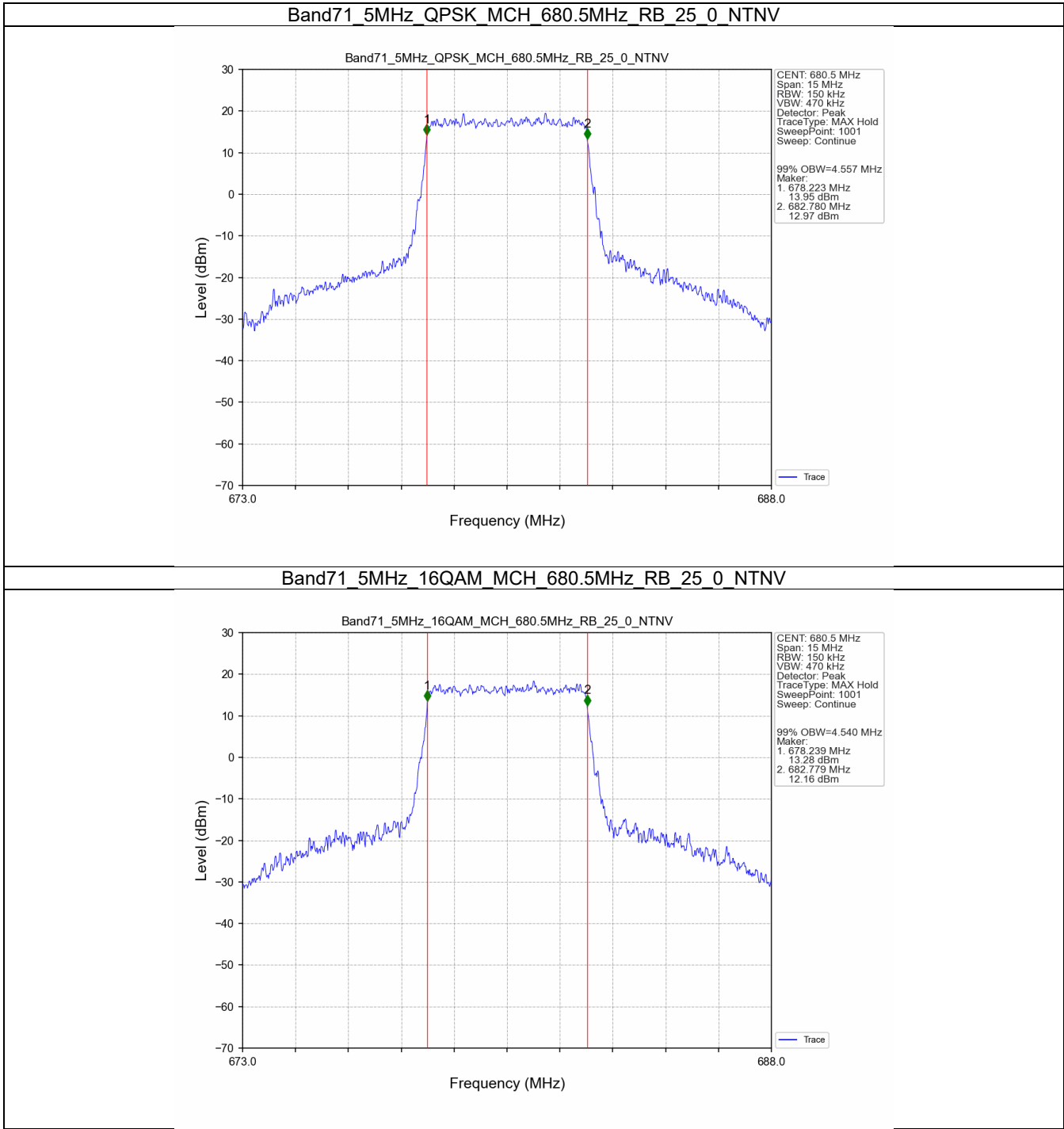
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.557	/	Pass
	16QAM	680.5	25	0	4.540	/	Pass
	64QAM	680.5	25	0	4.557	/	Pass
	256QAM	680.5	25	0	4.554	/	Pass
10	QPSK	680.5	50	0	9.093	/	Pass
	16QAM	680.5	50	0	9.066	/	Pass
	64QAM	680.5	50	0	9.074	/	Pass
	256QAM	680.5	50	0	9.086	/	Pass
15	QPSK	680.5	75	0	13.629	/	Pass
	16QAM	680.5	75	0	13.581	/	Pass
	64QAM	680.5	75	0	13.645	/	Pass
	256QAM	680.5	75	0	13.570	/	Pass
20	QPSK	683	100	0	18.113	/	Pass
	16QAM	683	100	0	18.136	/	Pass
	64QAM	683	100	0	18.076	/	Pass
	256QAM	683	100	0	18.126	/	Pass

3.1.2 Band71_XDB

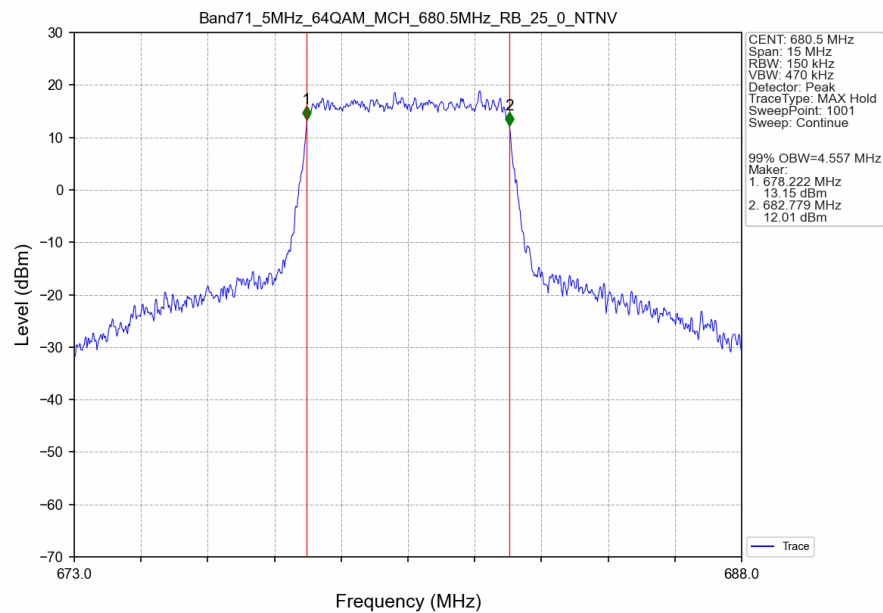
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.208	/	Pass
	16QAM	680.5	25	0	5.191	/	Pass
	64QAM	680.5	25	0	5.110	/	Pass
	256QAM	680.5	25	0	5.182	/	Pass
10	QPSK	680.5	50	0	10.174	/	Pass
	16QAM	680.5	50	0	10.197	/	Pass
	64QAM	680.5	50	0	10.279	/	Pass
	256QAM	680.5	50	0	10.155	/	Pass
15	QPSK	680.5	75	0	15.252	/	Pass
	16QAM	680.5	75	0	15.141	/	Pass
	64QAM	680.5	75	0	15.070	/	Pass
	256QAM	680.5	75	0	15.165	/	Pass
20	QPSK	683	100	0	20.095	/	Pass
	16QAM	683	100	0	19.931	/	Pass
	64QAM	683	100	0	20.071	/	Pass
	256QAM	683	100	0	19.952	/	Pass

3.2 Test Graph

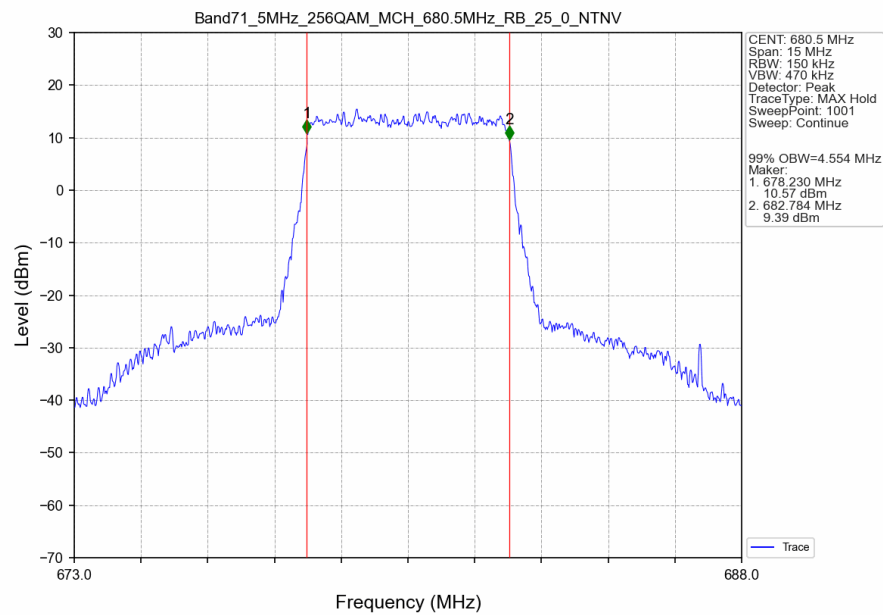
3.2.1 Band71_OBW



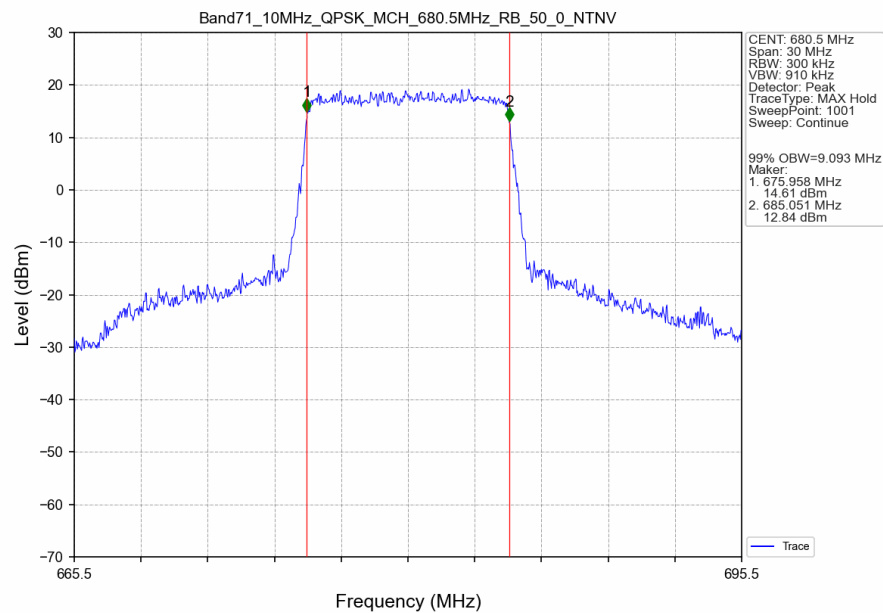
Band71 5MHz 64QAM MCH 680.5MHz RB 25 0 NTNV



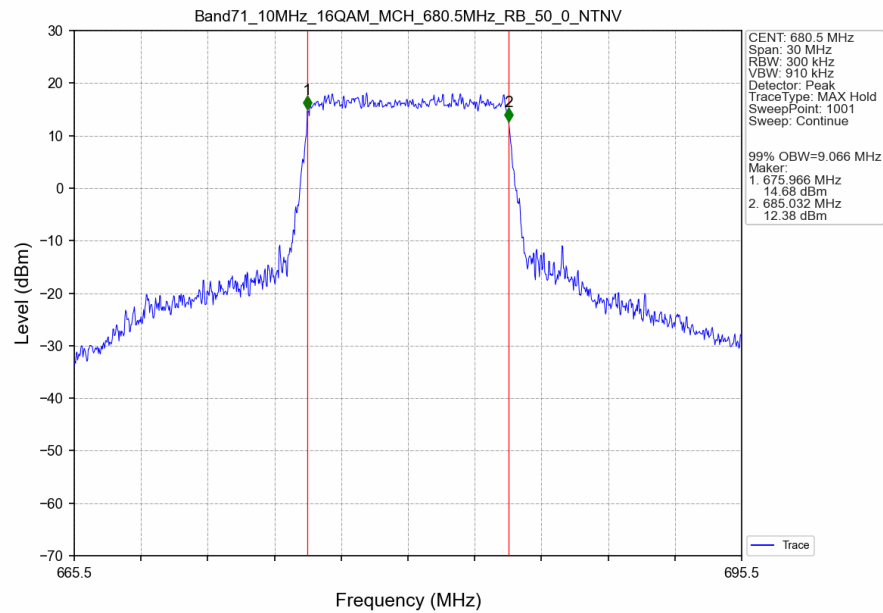
Band71 5MHz 256QAM MCH 680.5MHz RB 25 0 NTNV



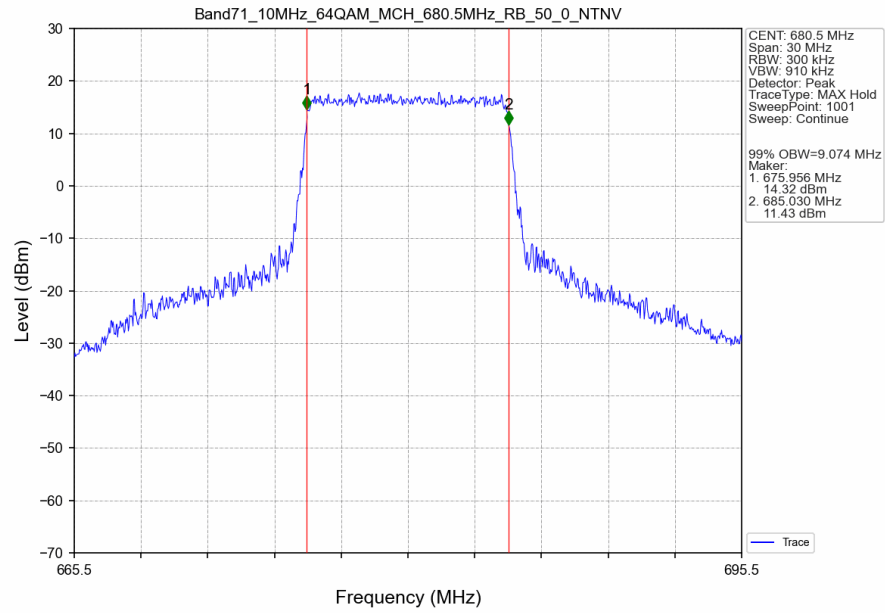
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTV



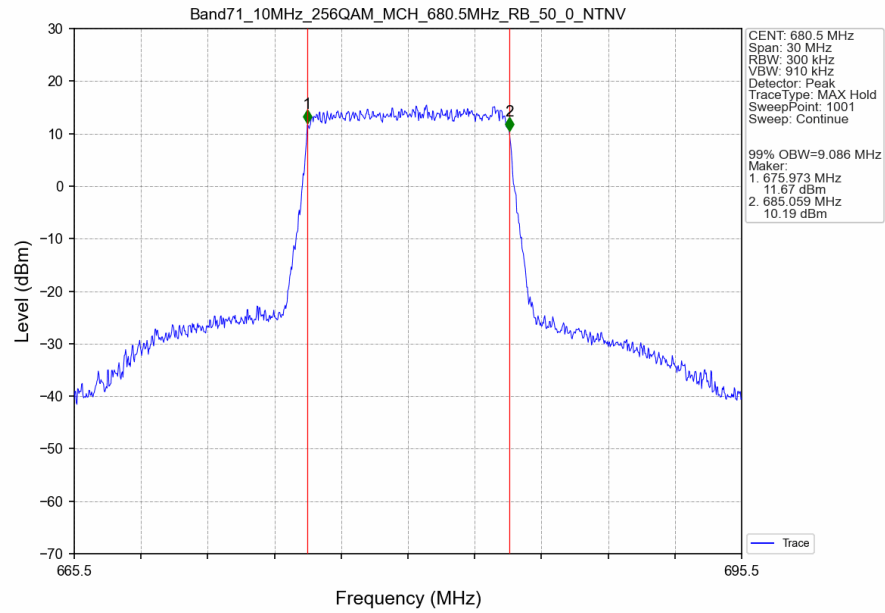
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTV



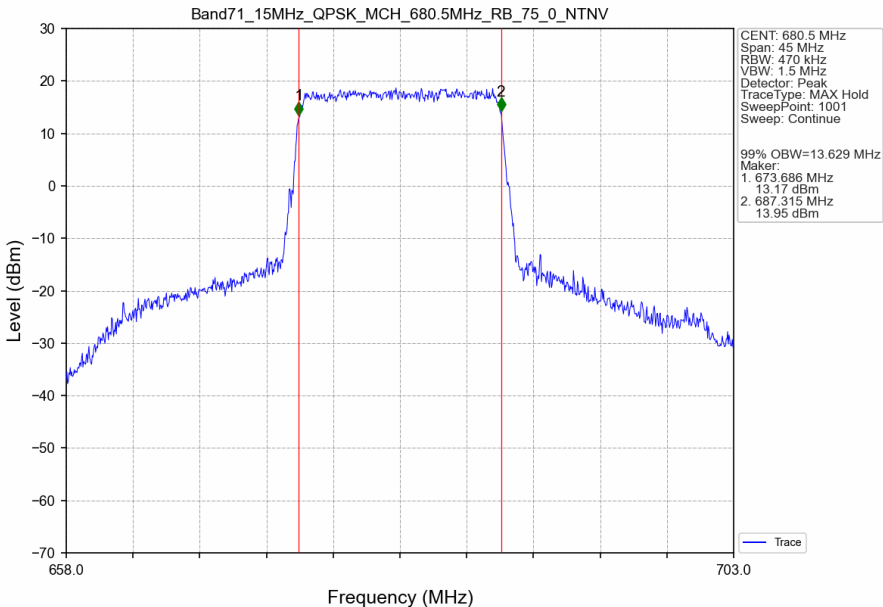
Band71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTN



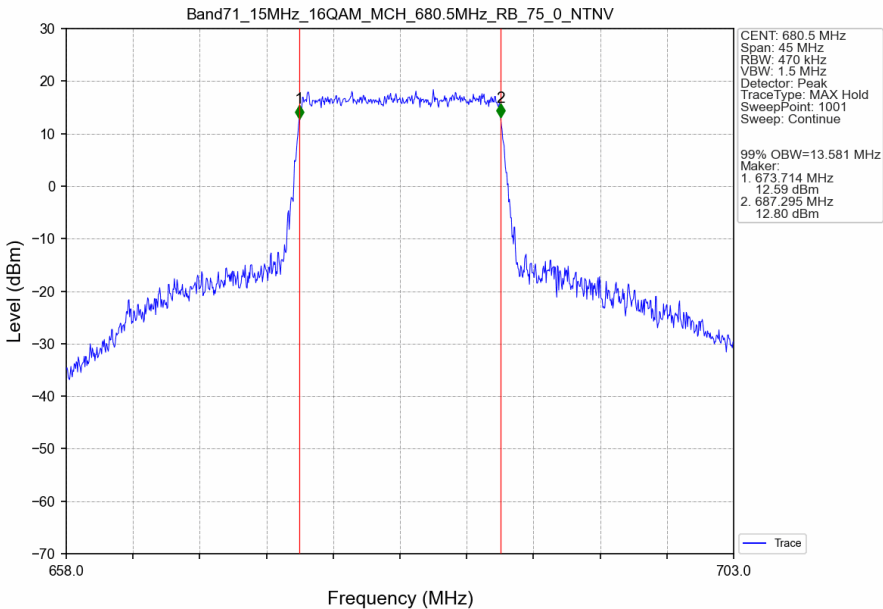
Band71 10MHz 256QAM MCH 680.5MHz RB 50 0 NTN



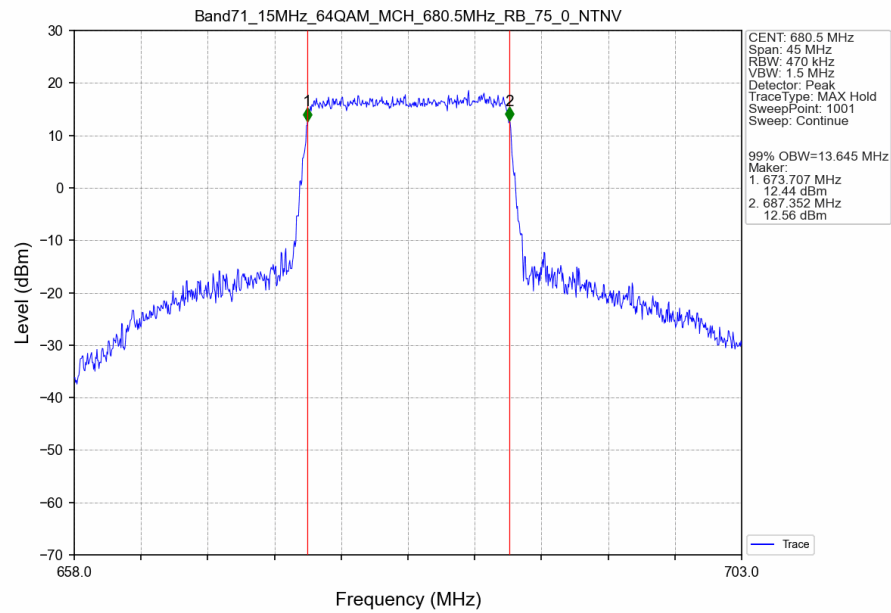
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



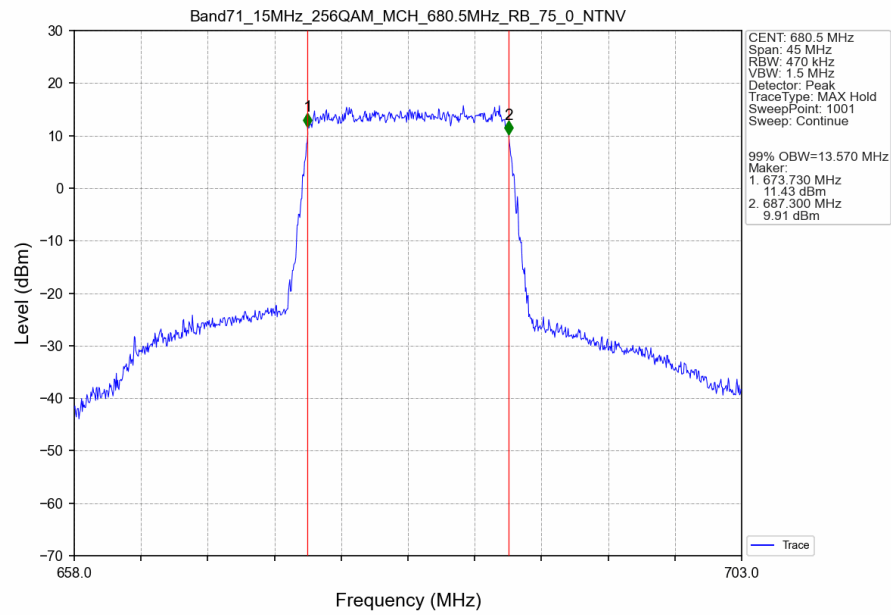
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTNV



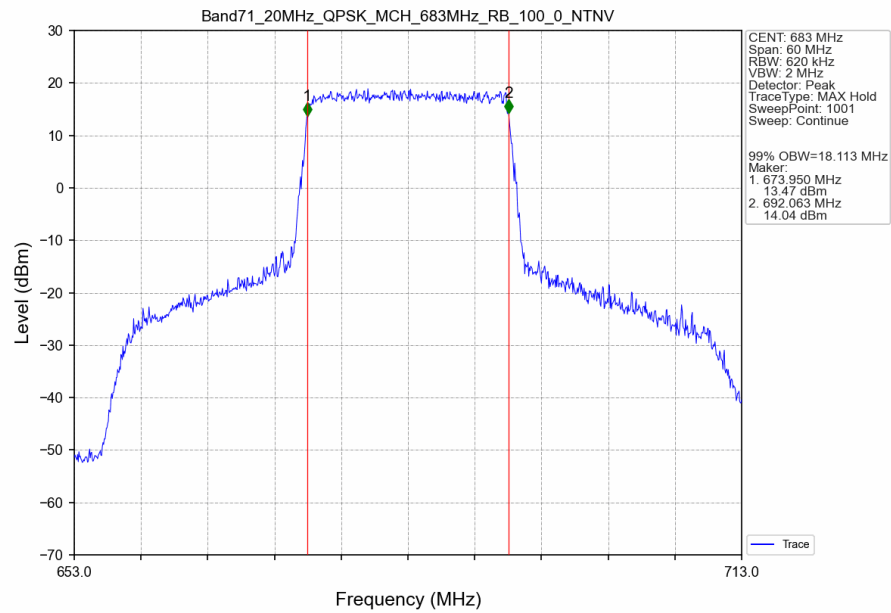
Band71 15MHz 64QAM MCH 680.5MHz RB 75 0 NTNV



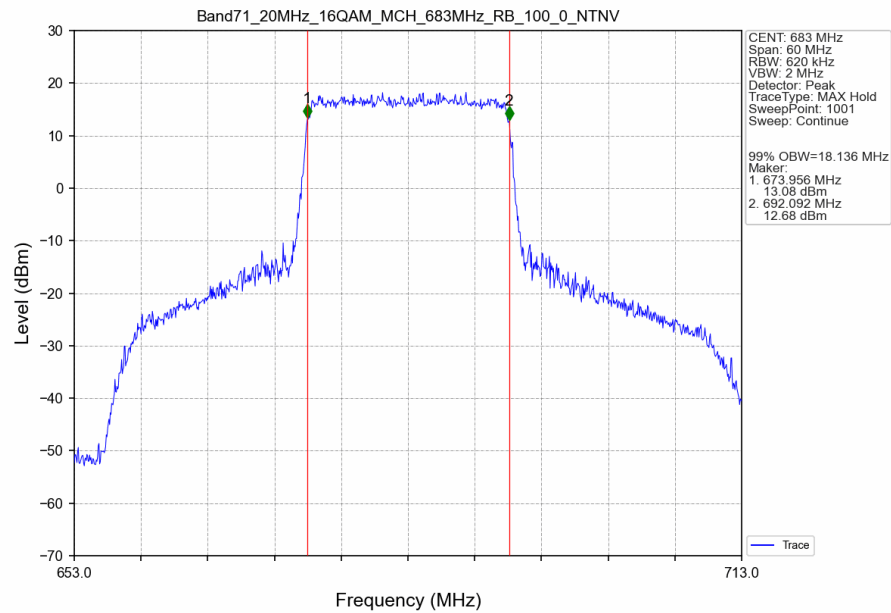
Band71 15MHz 256QAM MCH 680.5MHz RB 75 0 NTNV



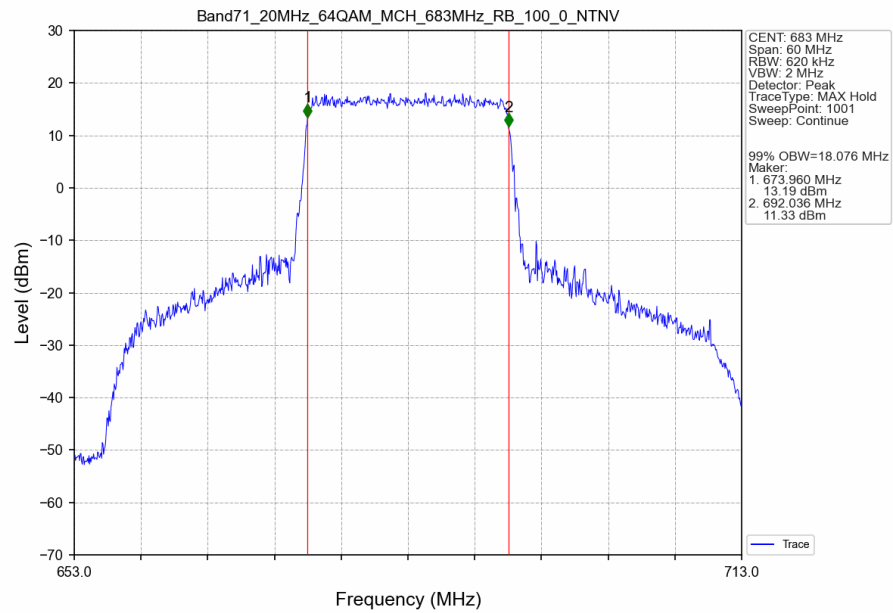
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTV



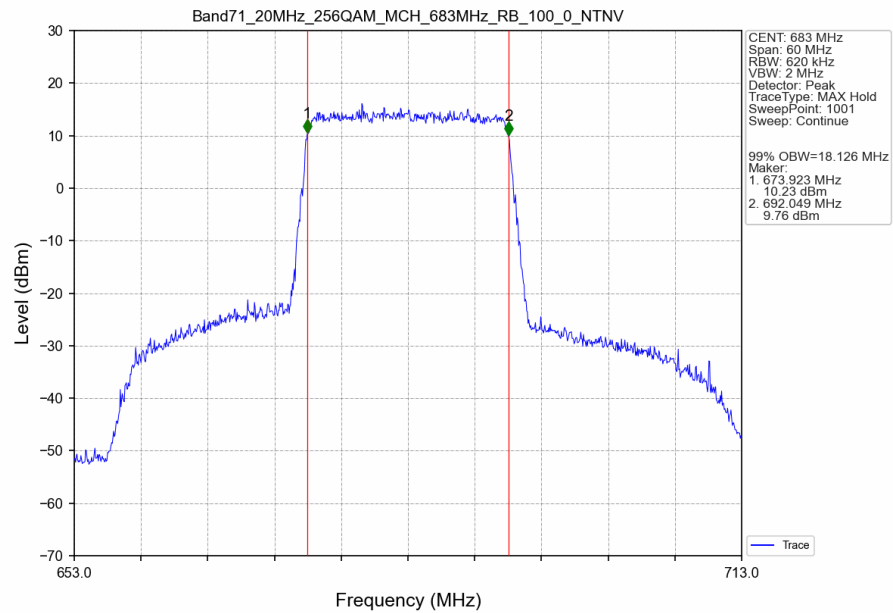
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTV



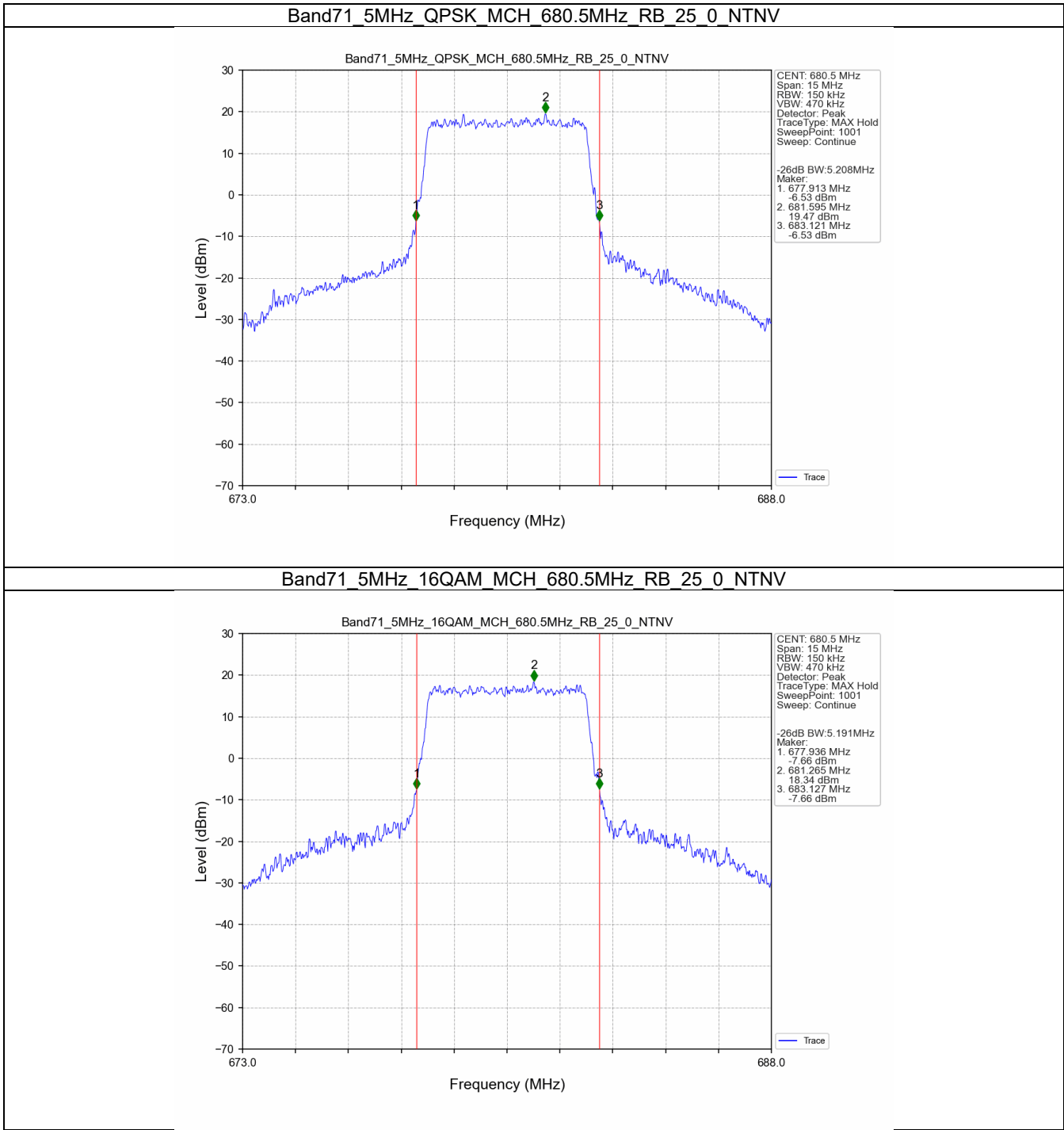
Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTNV



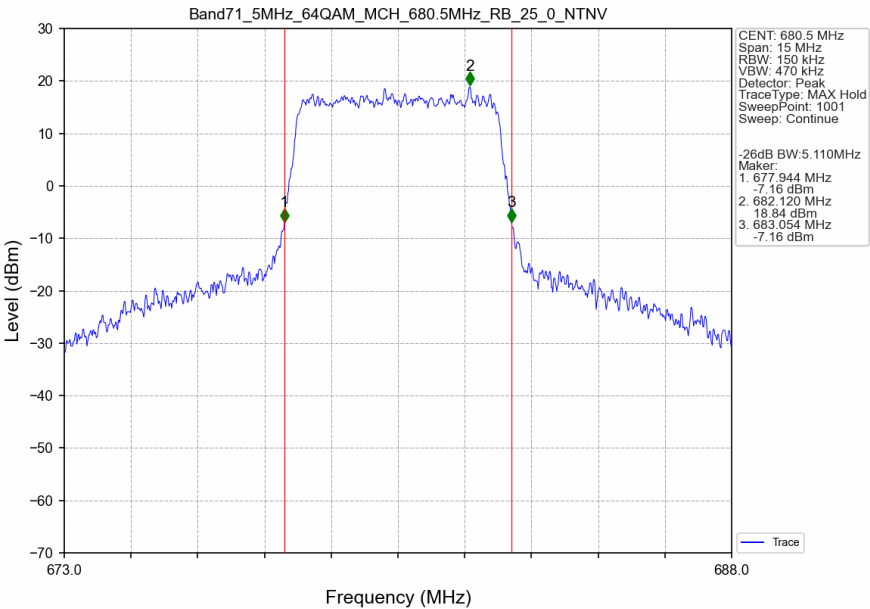
Band71 20MHz 256QAM MCH 683MHz RB 100 0 NTNV



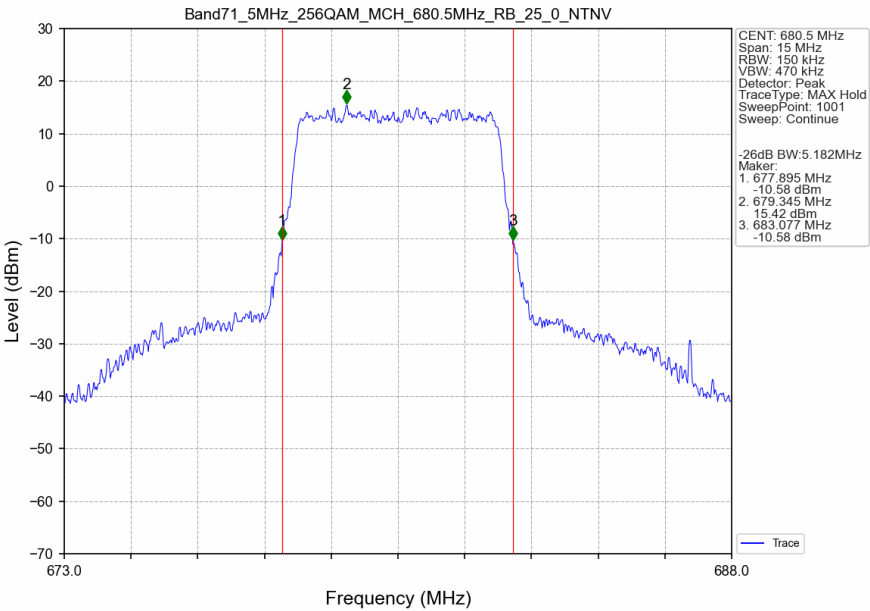
3.2.2 Band71_XDB



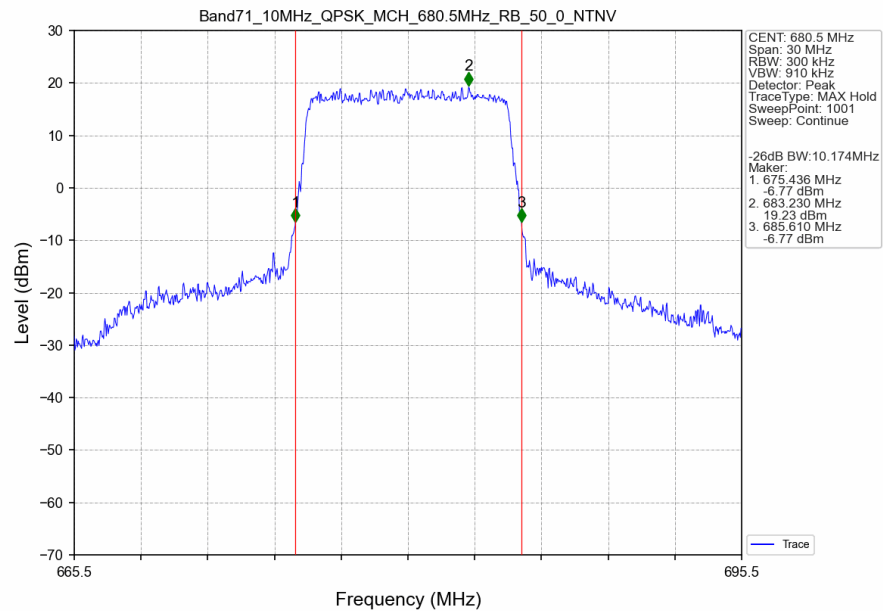
Band71 5MHz 64QAM MCH 680.5MHz RB 25 0 NTV



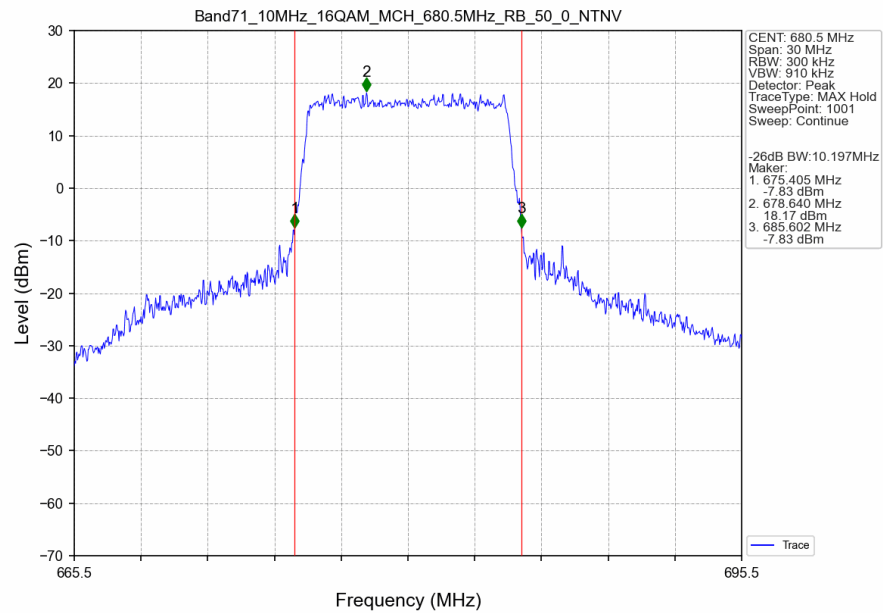
Band71 5MHz 256QAM MCH 680.5MHz RB 25 0 NTV



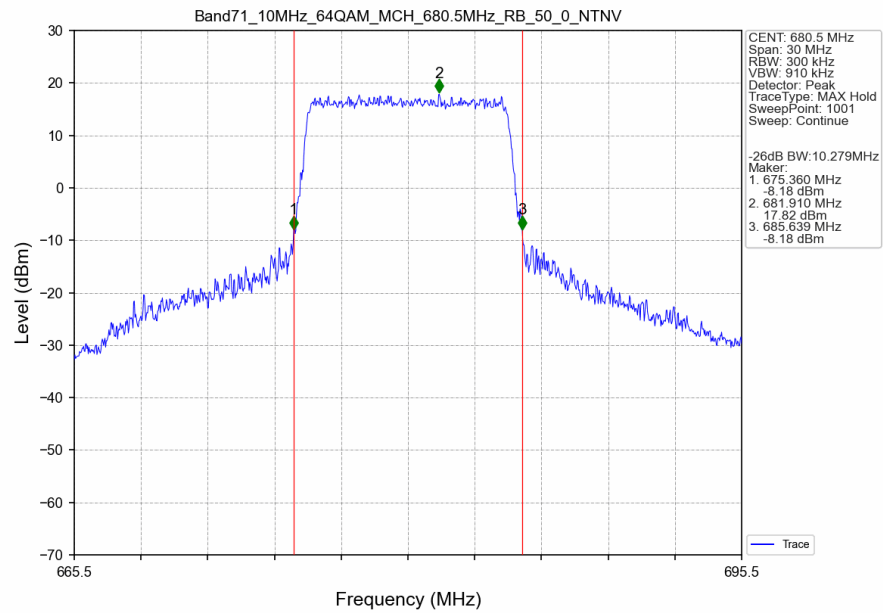
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



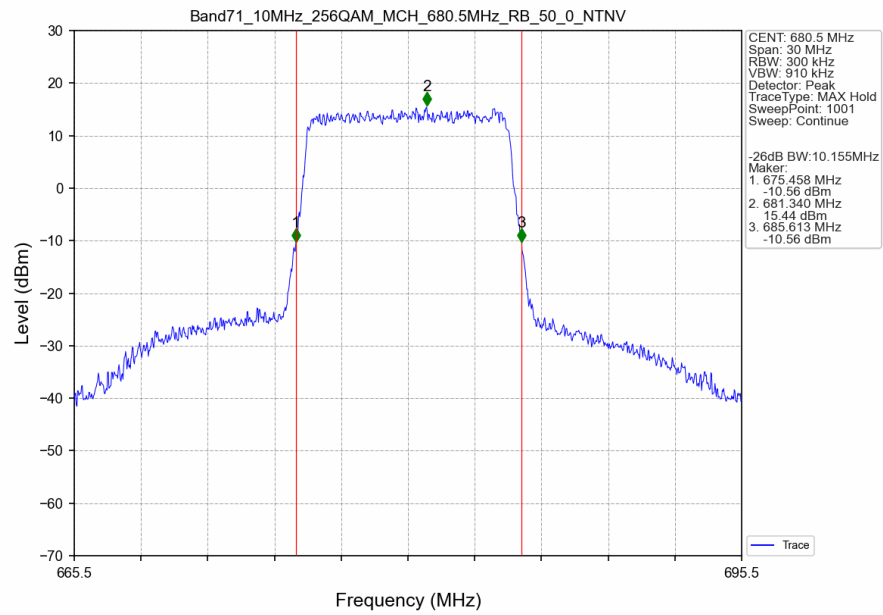
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTNV



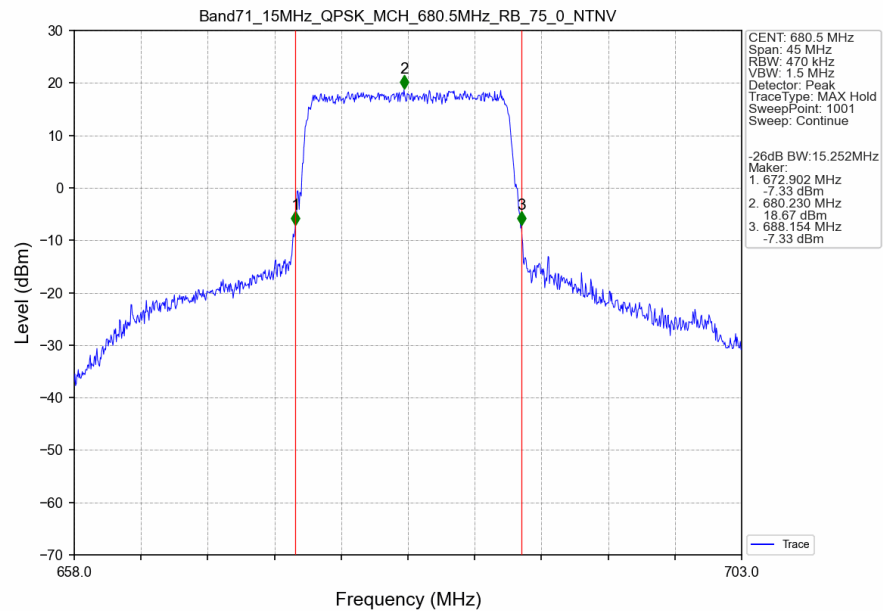
Band71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTN



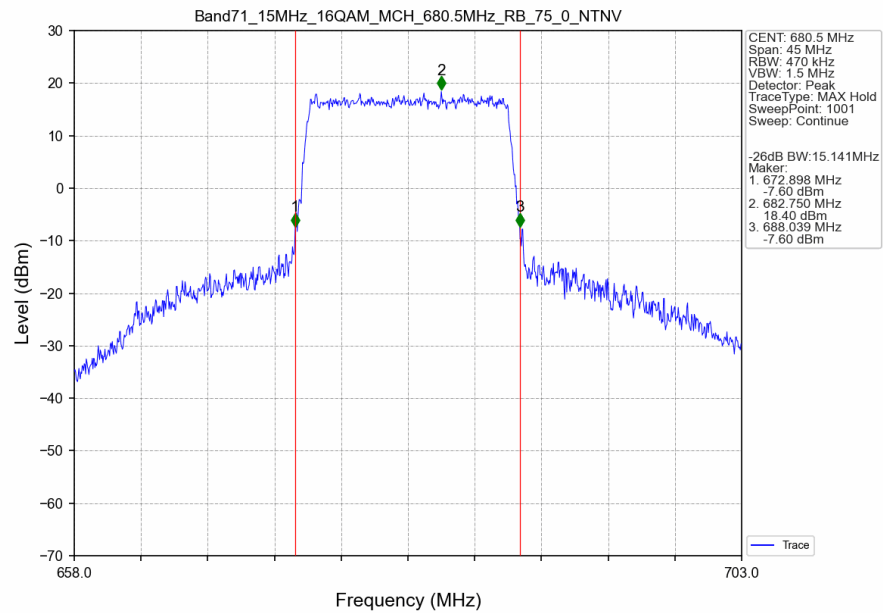
Band71 10MHz 256QAM MCH 680.5MHz RB 50 0 NTN



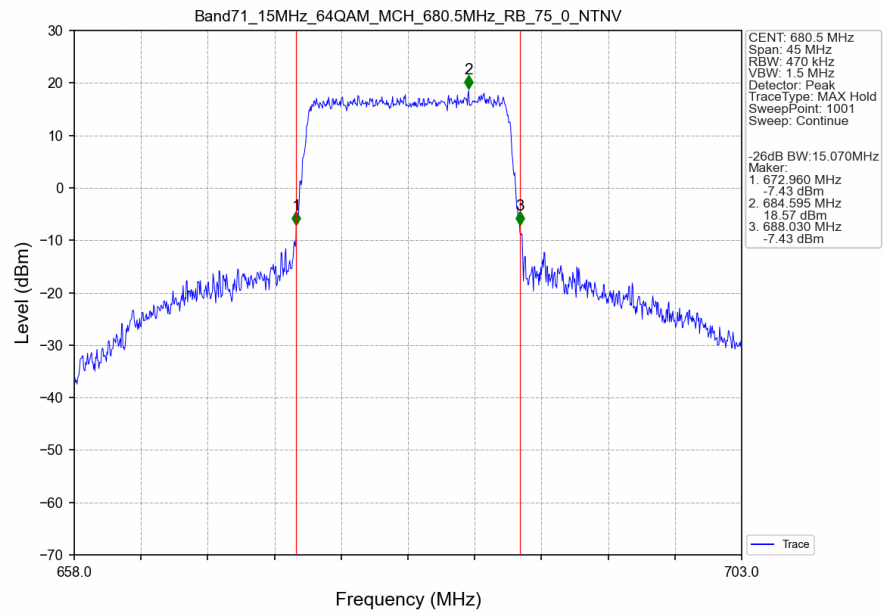
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



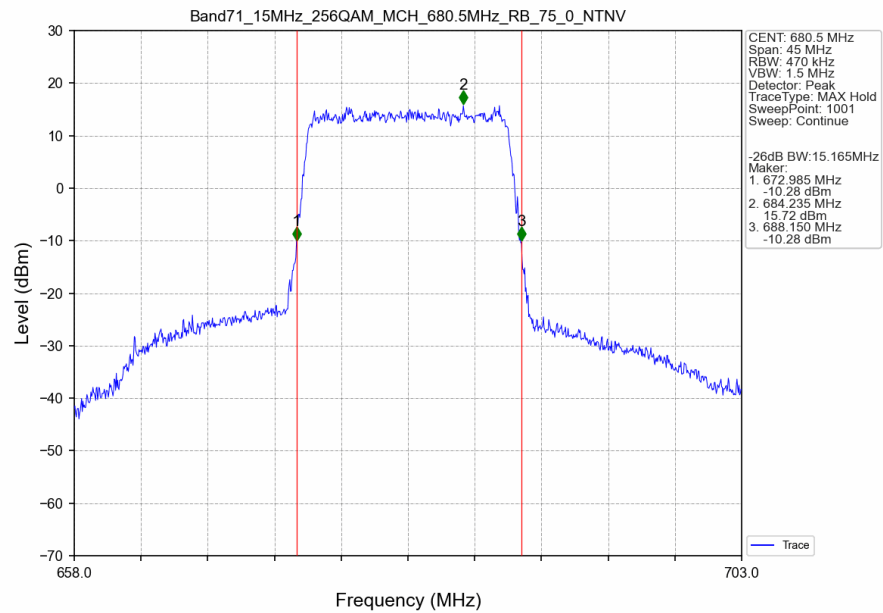
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTNV



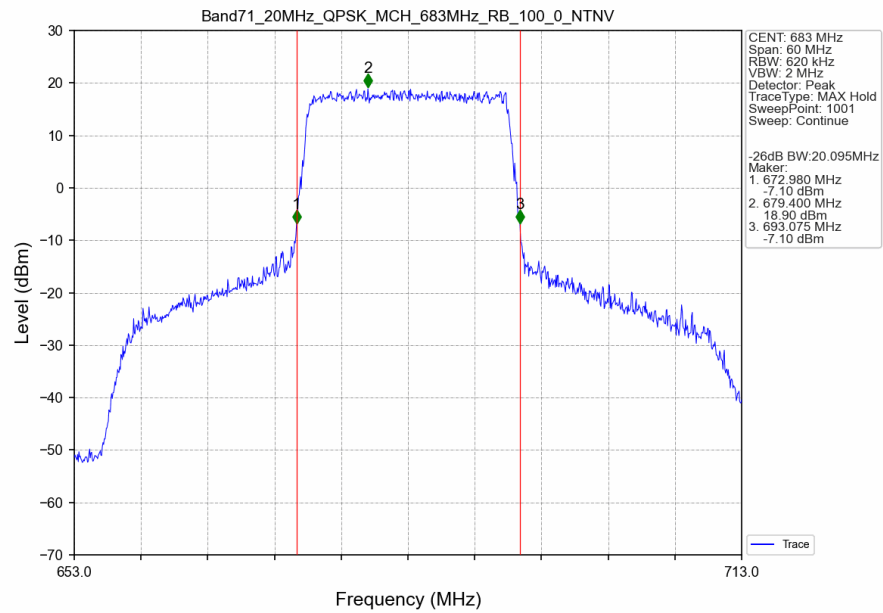
Band71 15MHz 64QAM MCH 680.5MHz RB 75 0 NTNV



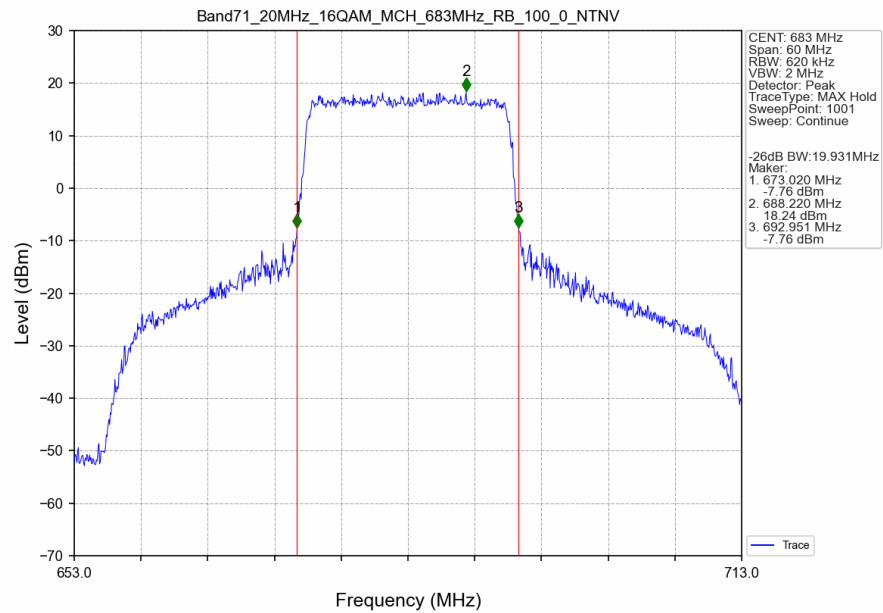
Band71 15MHz 256QAM MCH 680.5MHz RB 75 0 NTNV



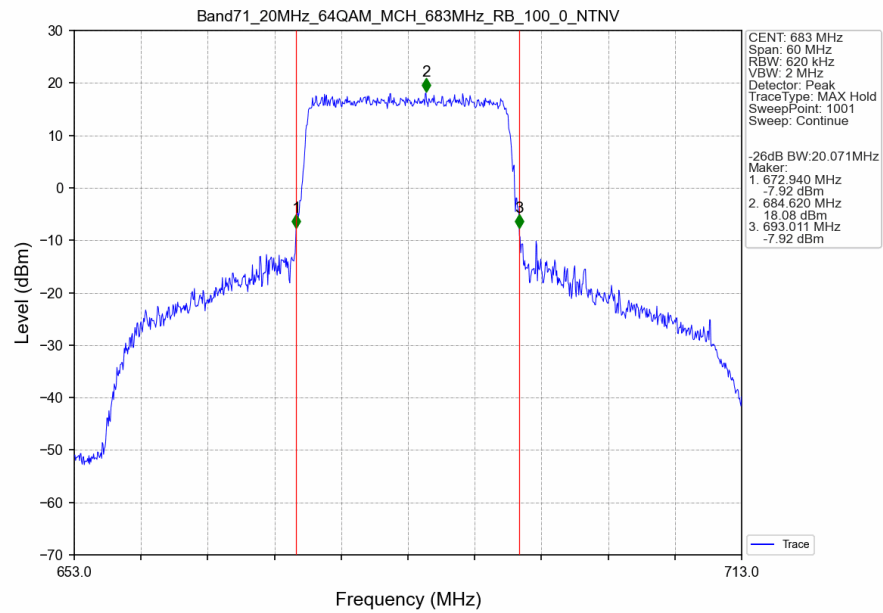
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTN



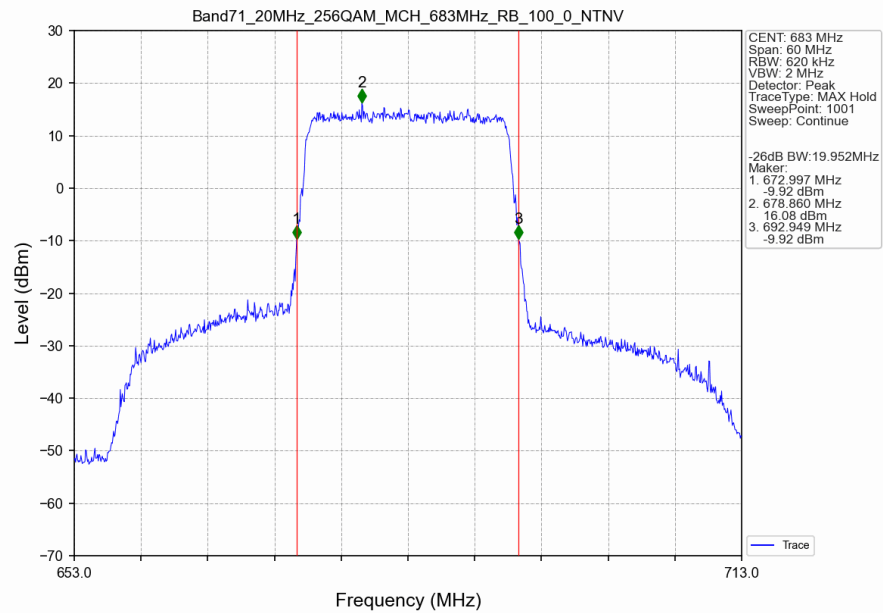
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTN



Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 256QAM MCH 683MHz RB 100 0 NTNV



4. Peak-Average Ratio

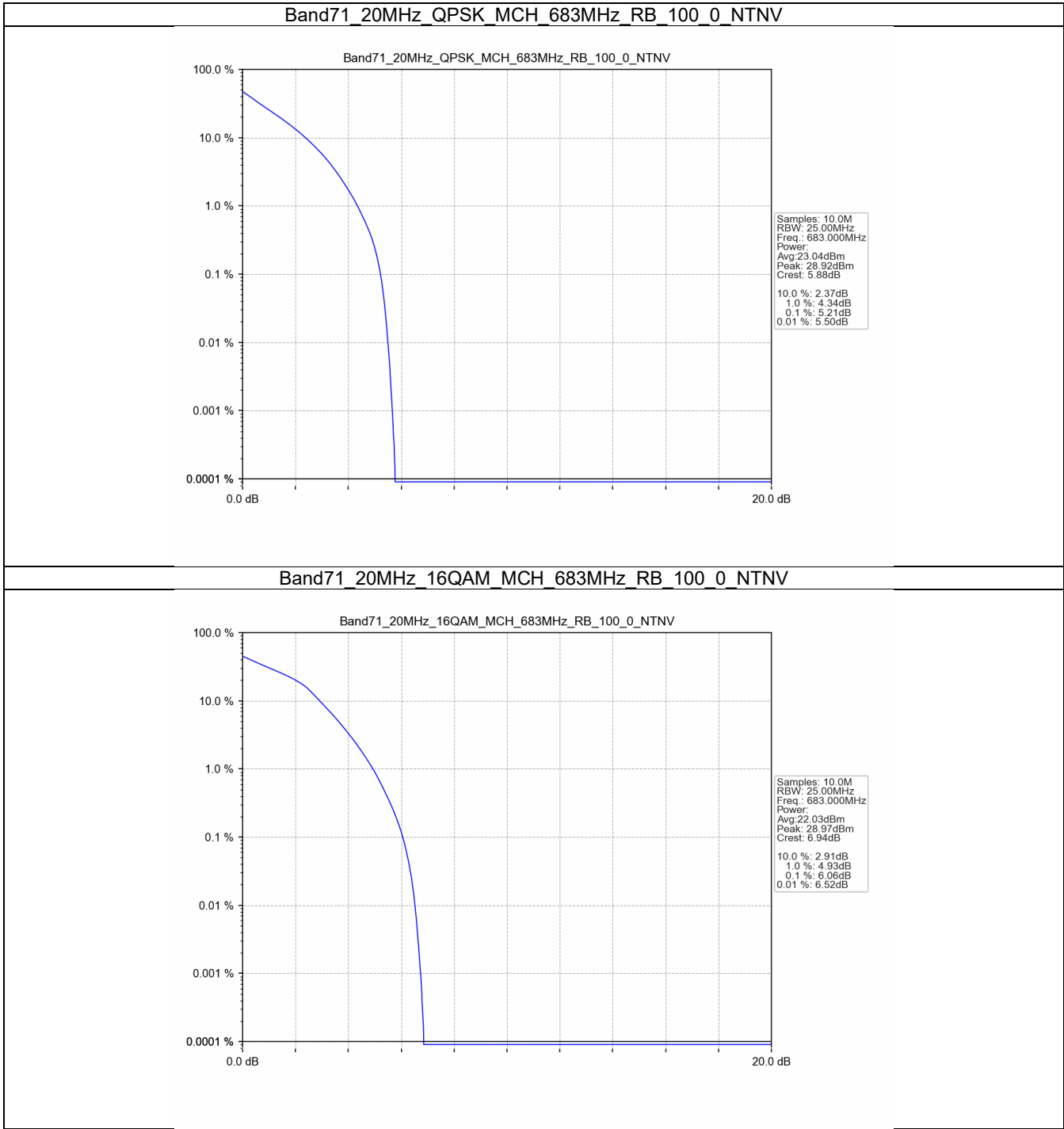
4.1 Test Result

4.1.1 B71_20MHz

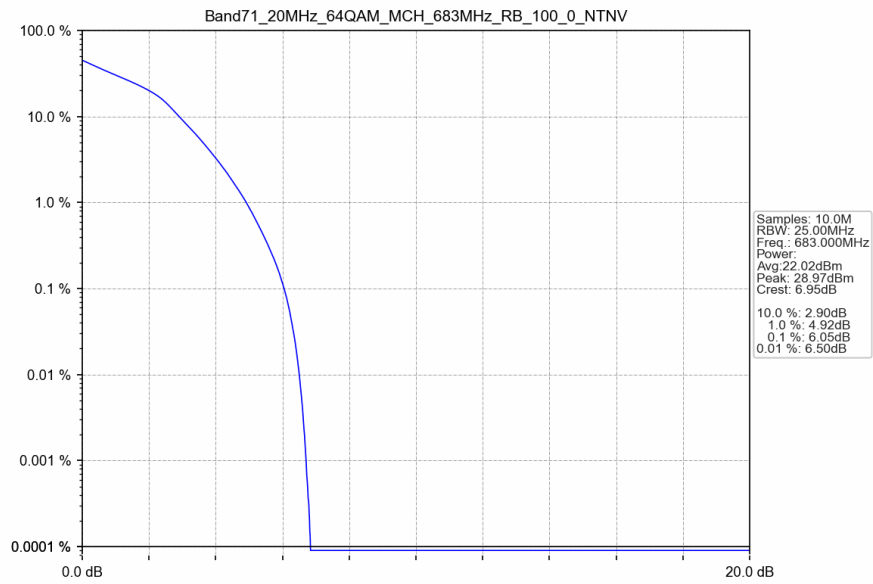
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	5.21	<=13	Pass
16QAM	683	100	0	6.06	<=13	Pass
64QAM	683	100	0	6.05	<=13	Pass
256QAM	683	100	0	6.64	<=13	Pass

4.2 Test Graph

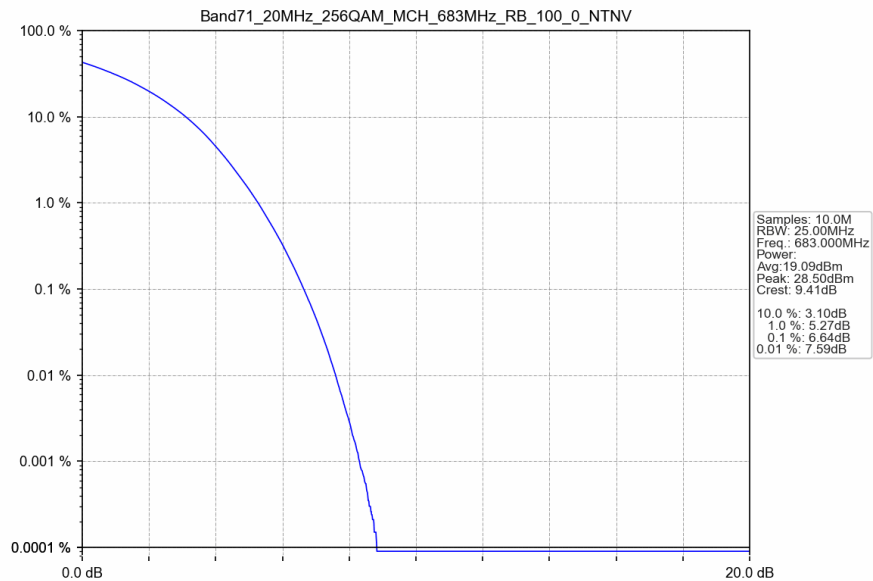
4.2.1 B71_20MHz



Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTV



Band71 20MHz 256QAM MCH 683MHz RB 100 0 NTV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

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		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B71_10MHz

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

5.1.3 B71_15MHz

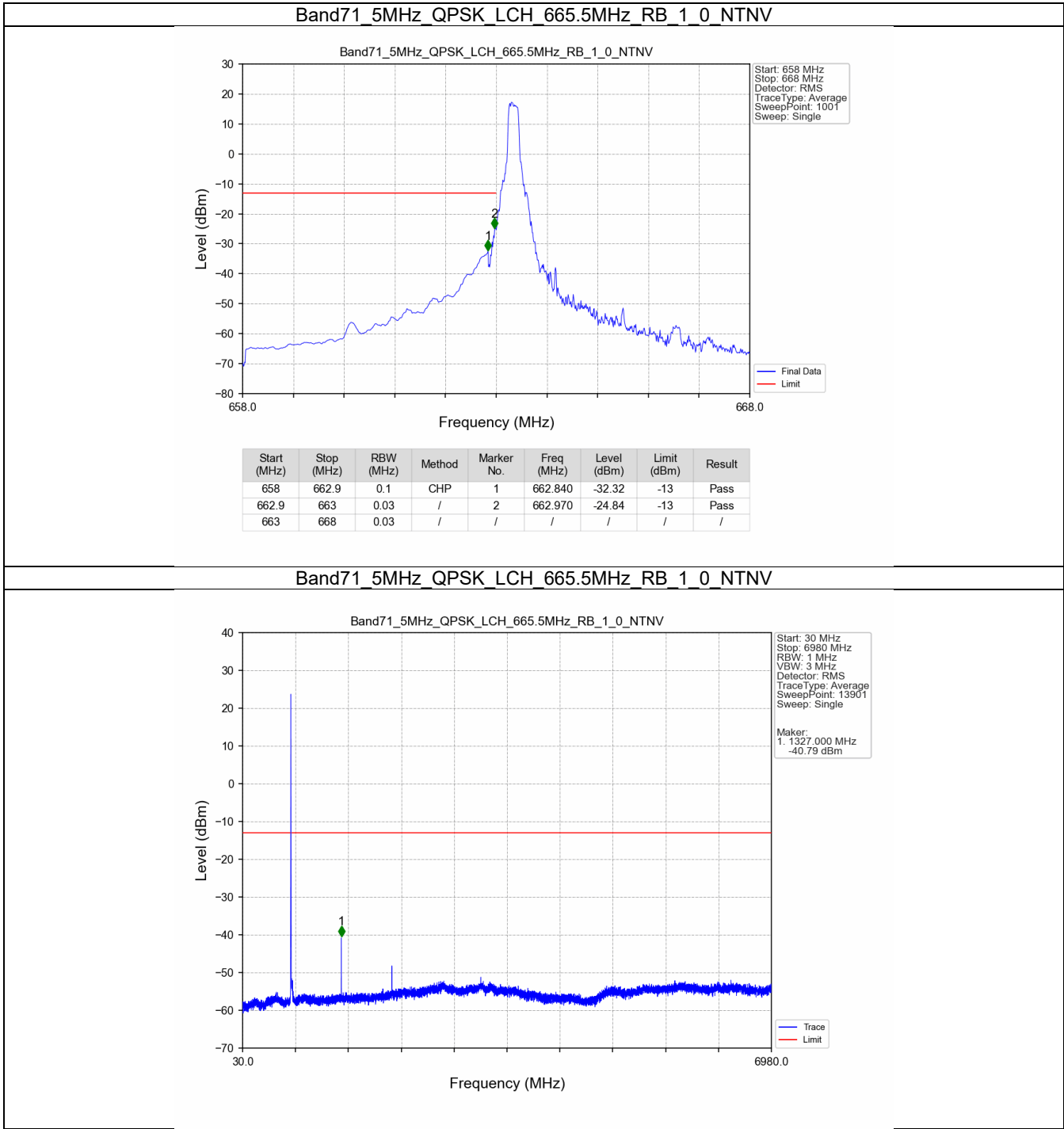
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B71_20MHz

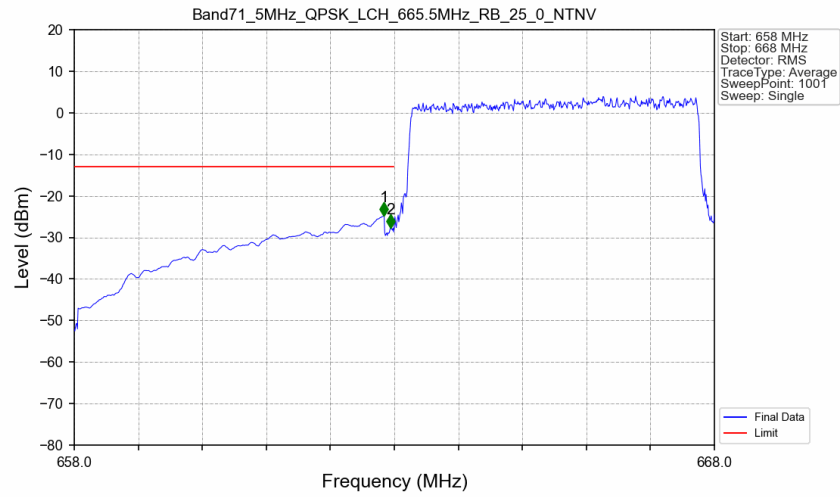
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

5.2.1 B71_5MHz

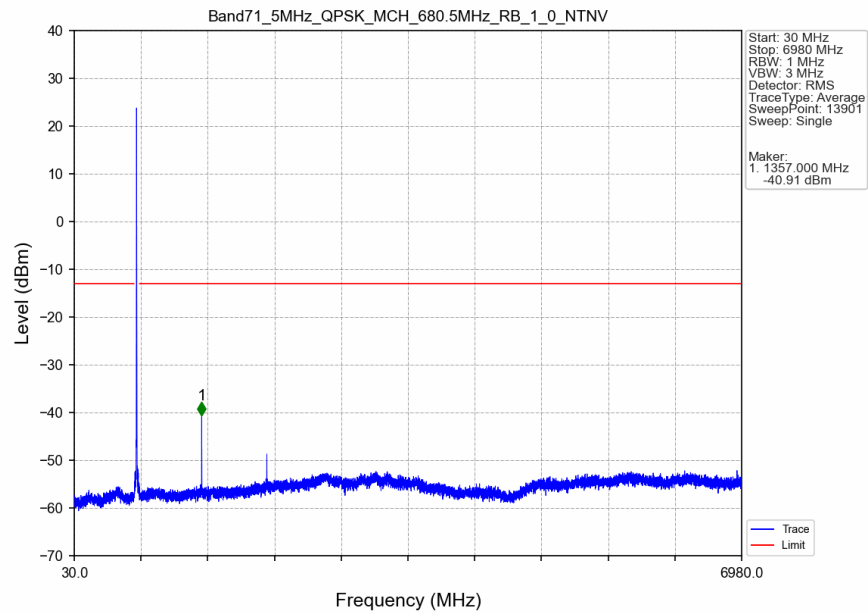


Band71 5MHz QPSK LCH 665.5MHz RB 25 0 NTNV

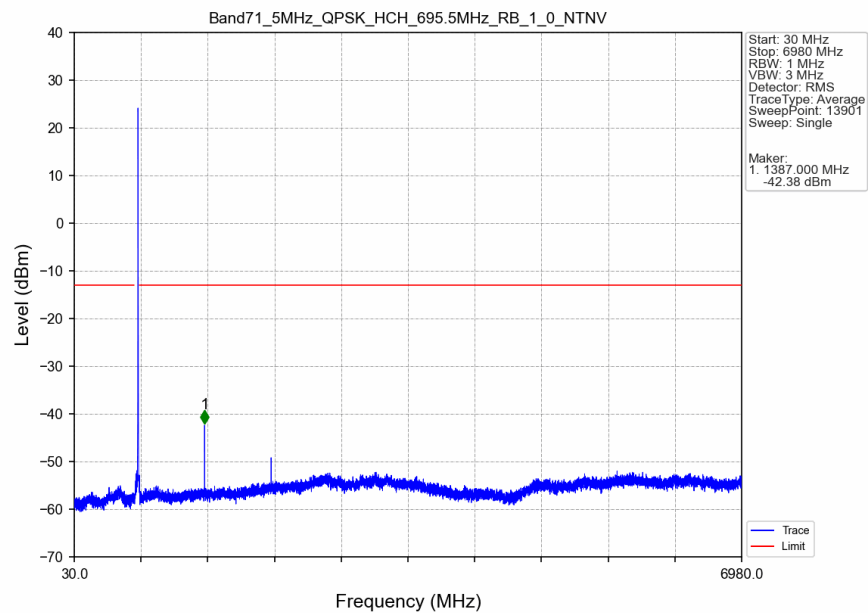


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-24.81	-13	Pass
662.9	663	0.03	/	2	662.940	-27.60	-13	Pass
663	668	0.03	/	/	/	/	/	/

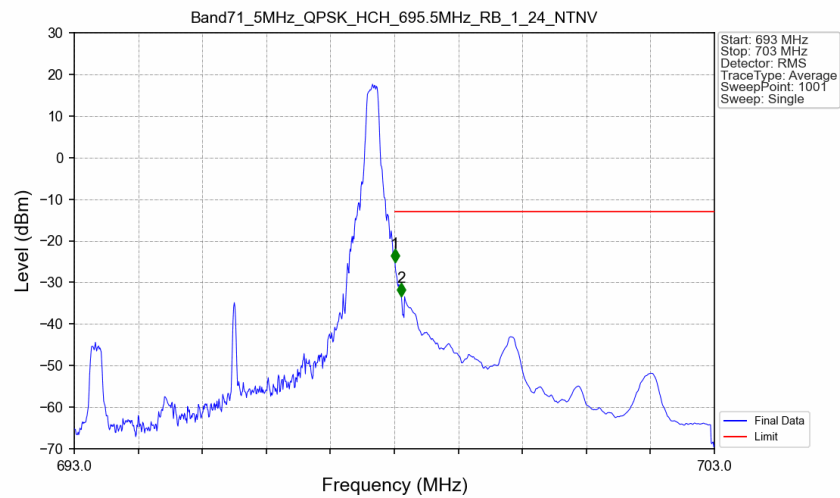
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN

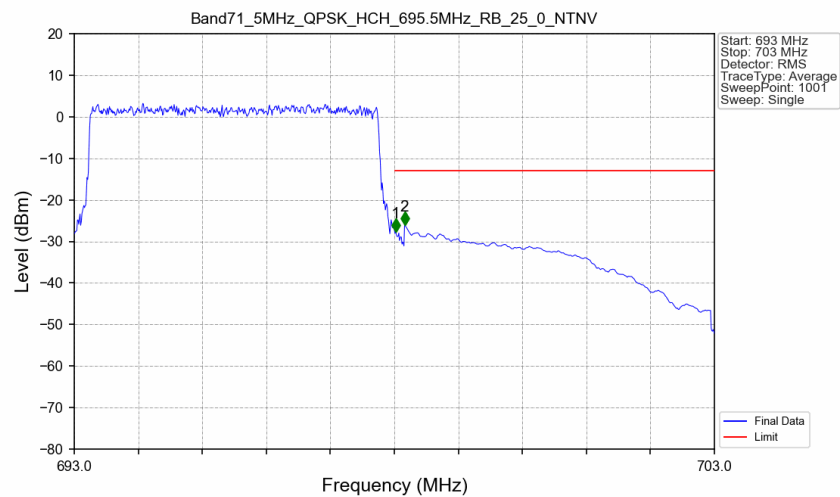


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTN



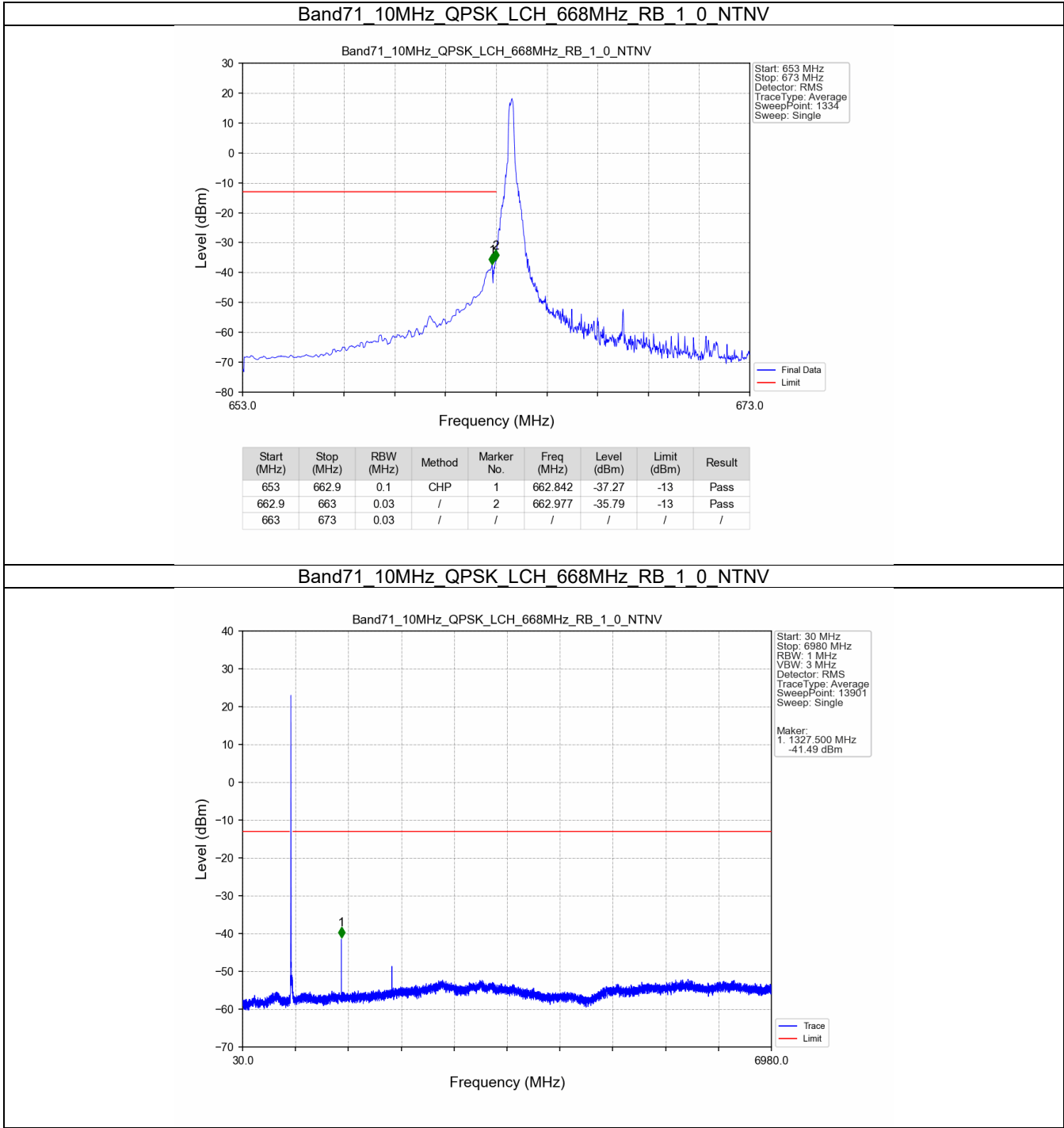
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-25.20	-13	Pass
698.1	703	0.1	CHP	2	698.110	-33.27	-13	Pass

Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTN

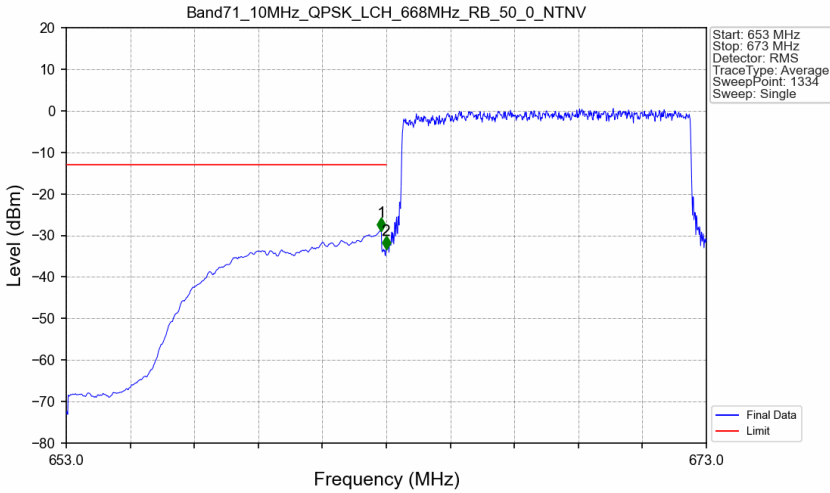


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.020	-27.69	-13	Pass
698.1	703	0.1	CHP	2	698.160	-26.00	-13	Pass

5.2.2 B71_10MHz

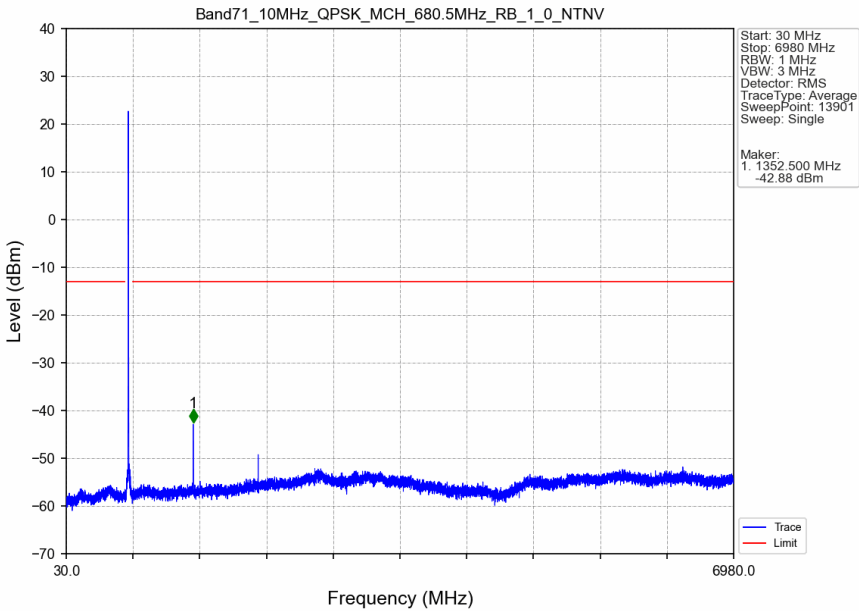


Band71 10MHz QPSK LCH 668MHz RB 50 0 NTN

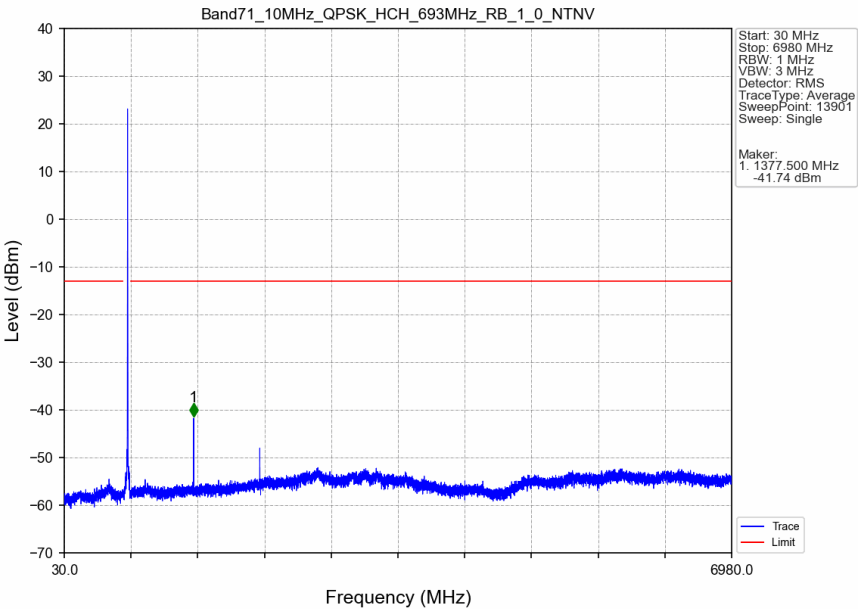


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-28.91	-13	Pass
662.9	663	0.03	/	2	662.992	-33.23	-13	Pass
663	673	0.03	/	/	/	/	/	/

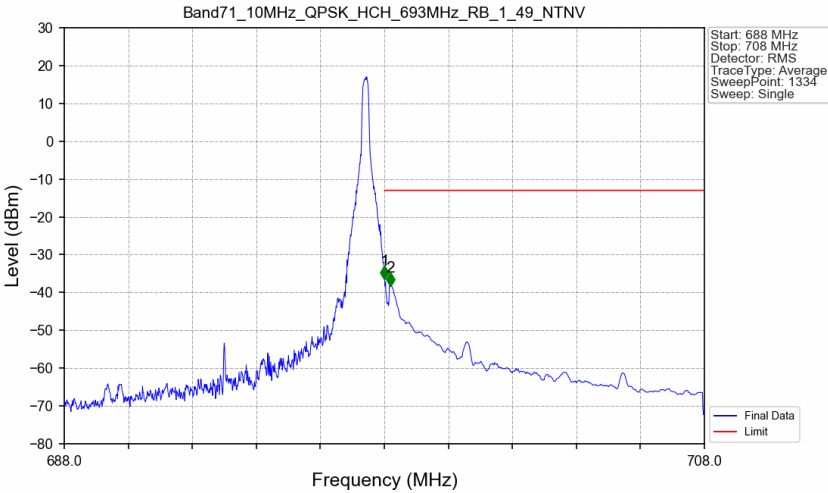
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTN



Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV

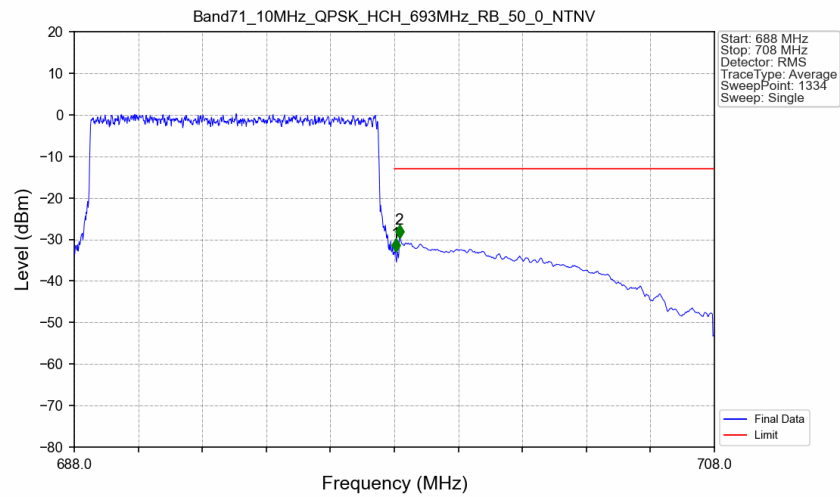


Band71 10MHz QPSK HCH 693MHz RB 1 49 NTNV



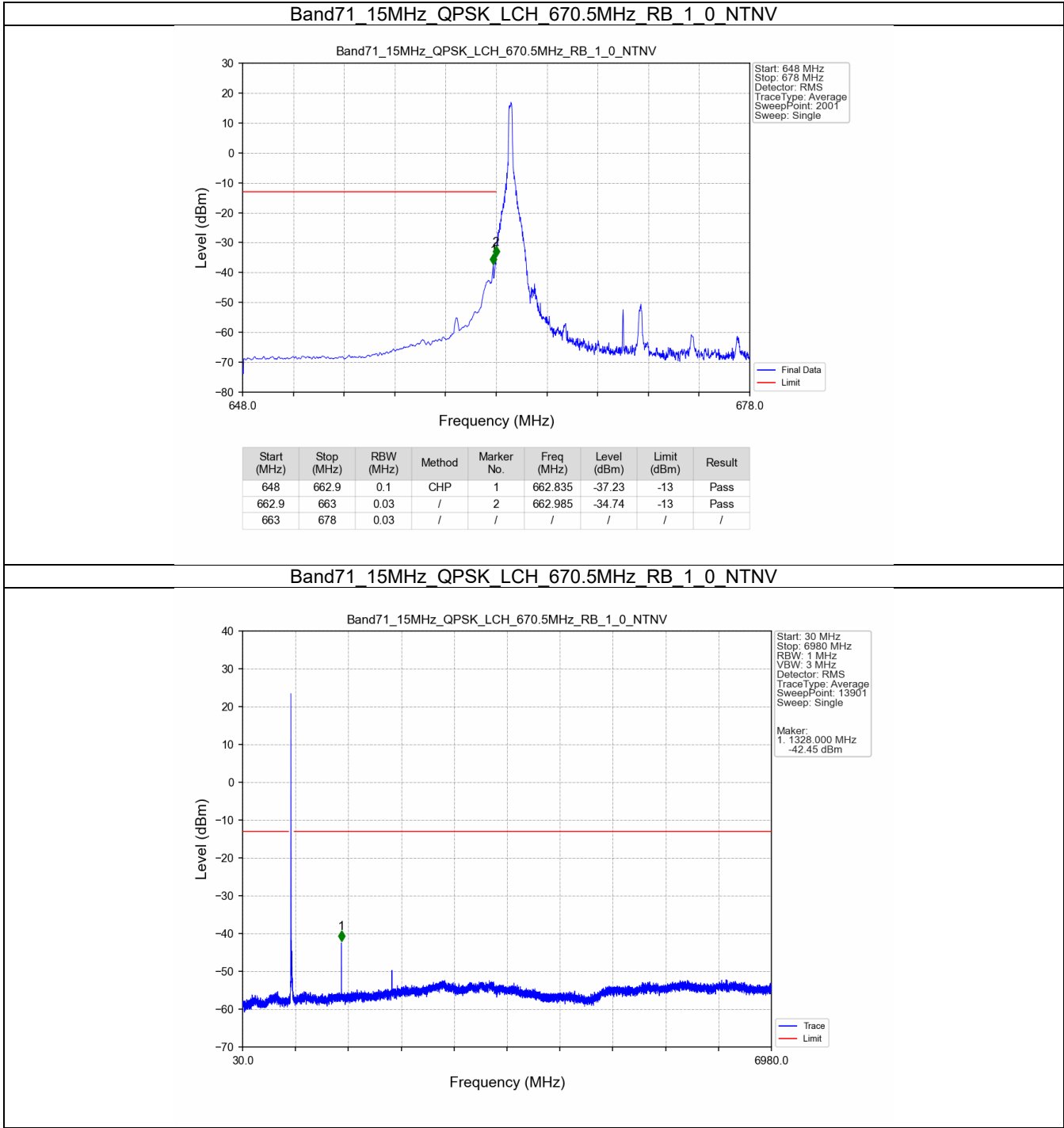
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.008	-36.44	-13	Pass
698.1	708	0.1	CHP	2	698.188	-38.22	-13	Pass

Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV

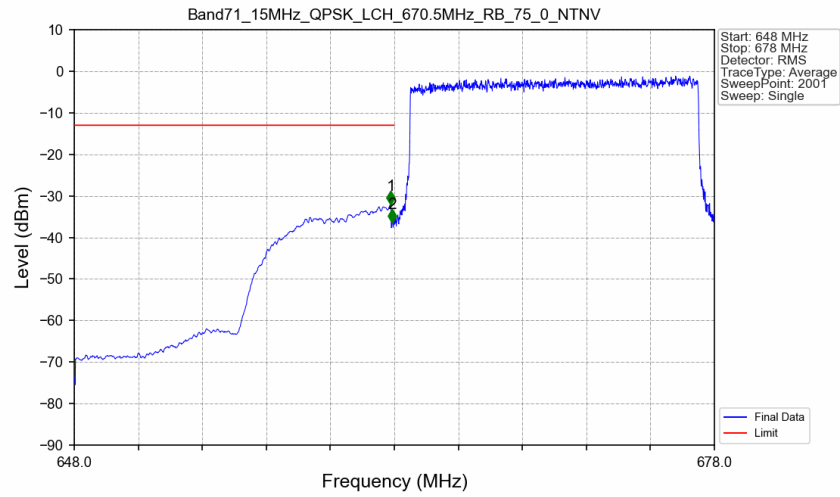


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.038	-32.90	-13	Pass
698.1	708	0.1	CHP	2	698.158	-29.67	-13	Pass

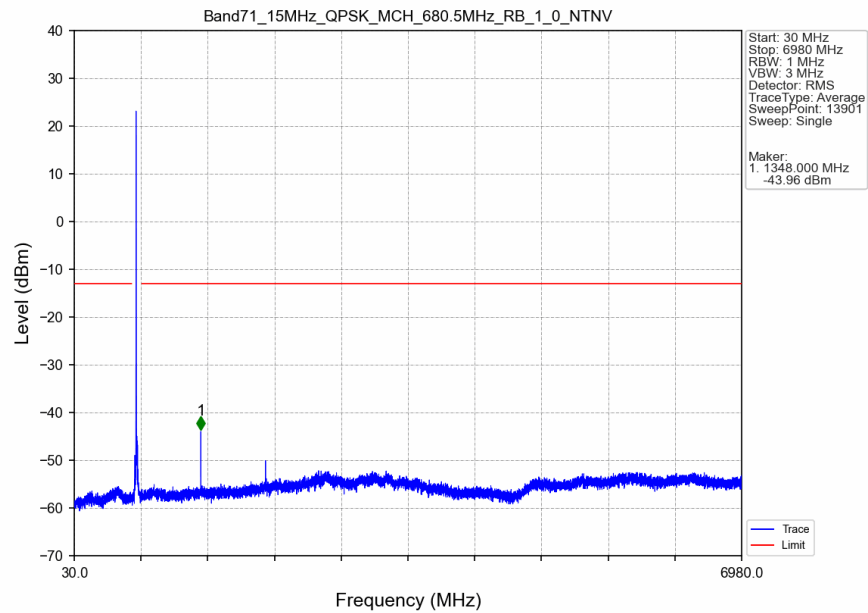
5.2.3 B71_15MHz



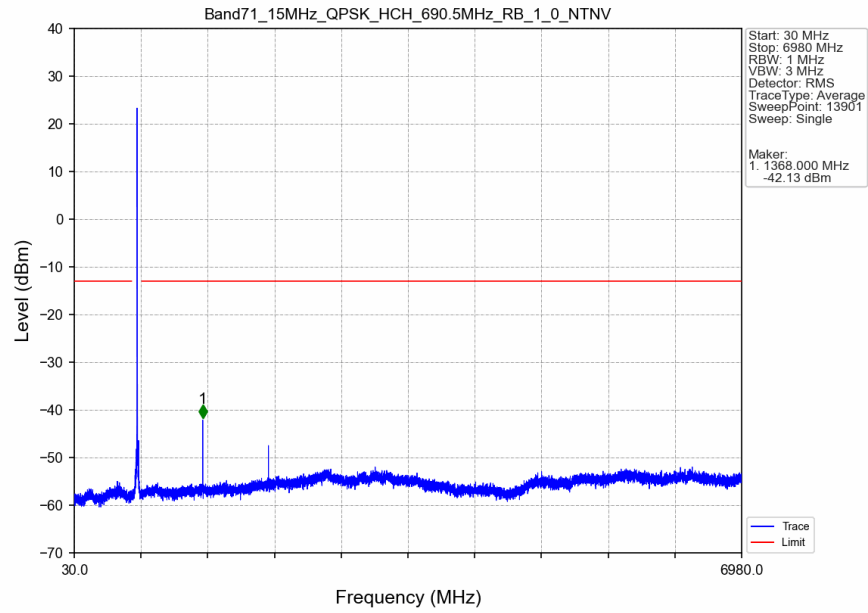
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTV



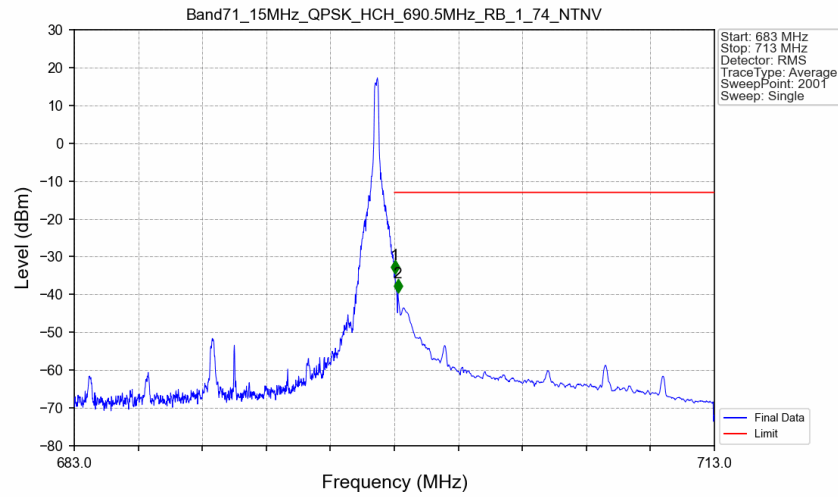
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTV



Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV

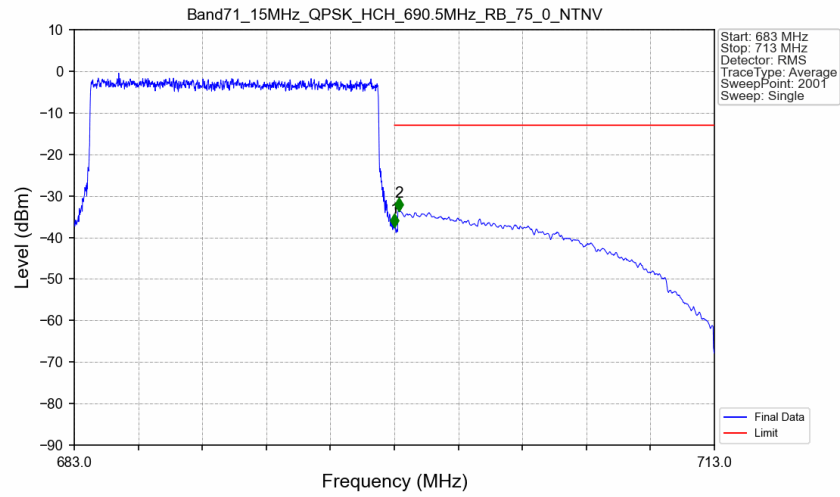


Band71 15MHz QPSK HCH 690.5MHz RB 1 74 NTV



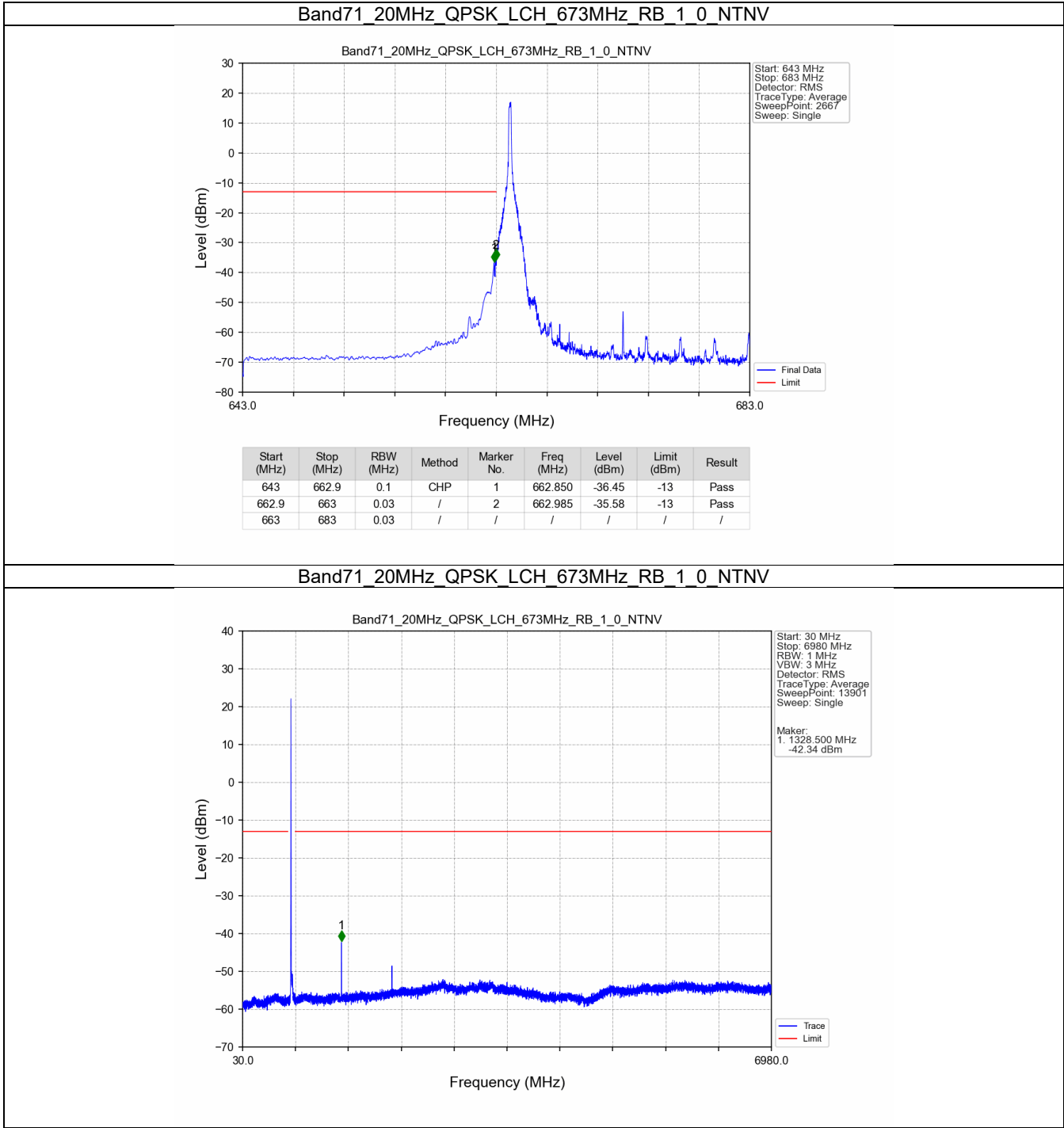
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-34.38	-13	Pass
698.1	713	0.1	CHP	2	698.165	-39.37	-13	Pass

Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV

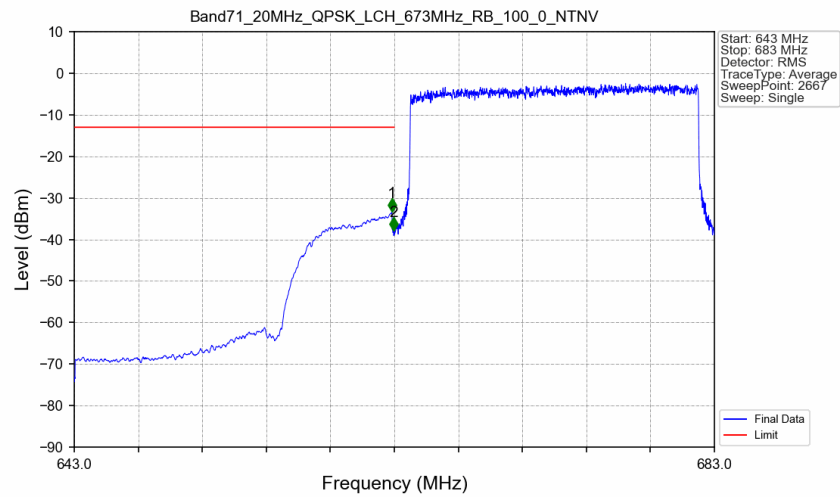


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.015	-37.44	-13	Pass
698.1	713	0.1	CHP	2	698.225	-33.60	-13	Pass

5.2.4 B71_20MHz

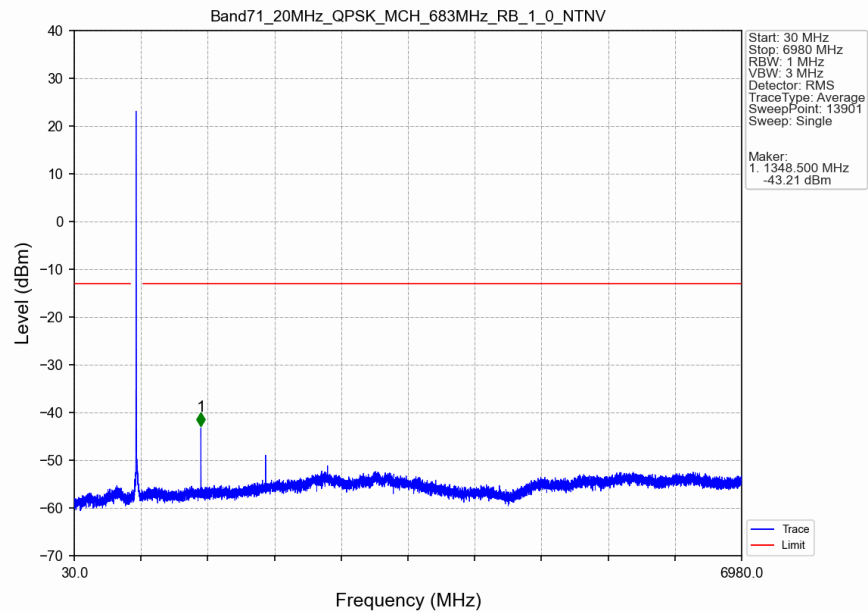


Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV

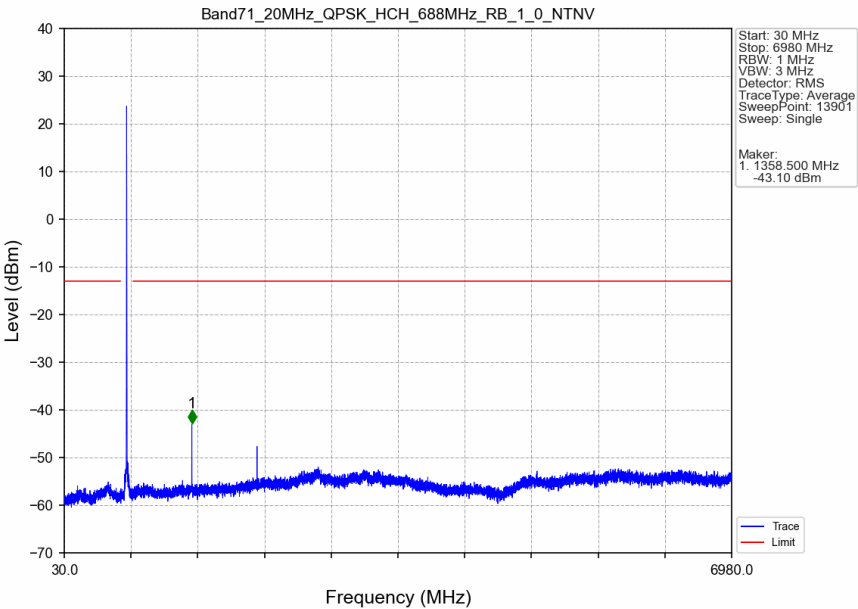


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-33.32	-13	Pass
662.9	663	0.03	/	2	662.940	-37.81	-13	Pass
663	683	0.03	/	/	/	/	/	/

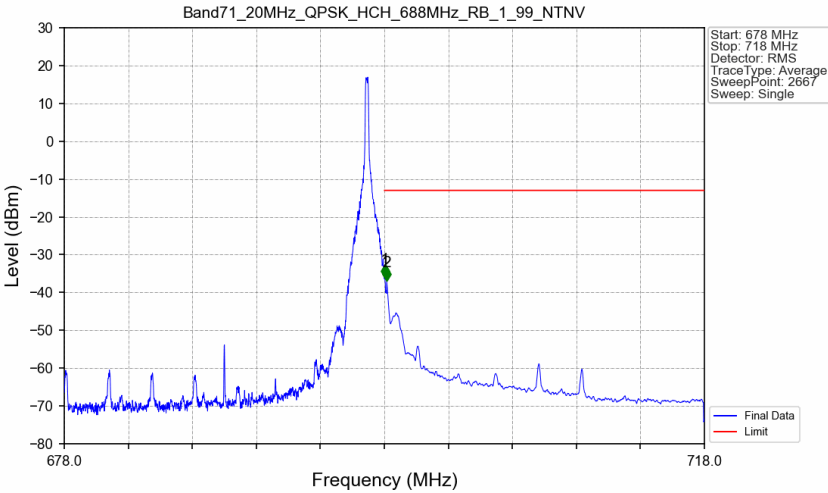
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



Band71 20MHz QPSK HCH 688MHz RB 1 0 NTNV

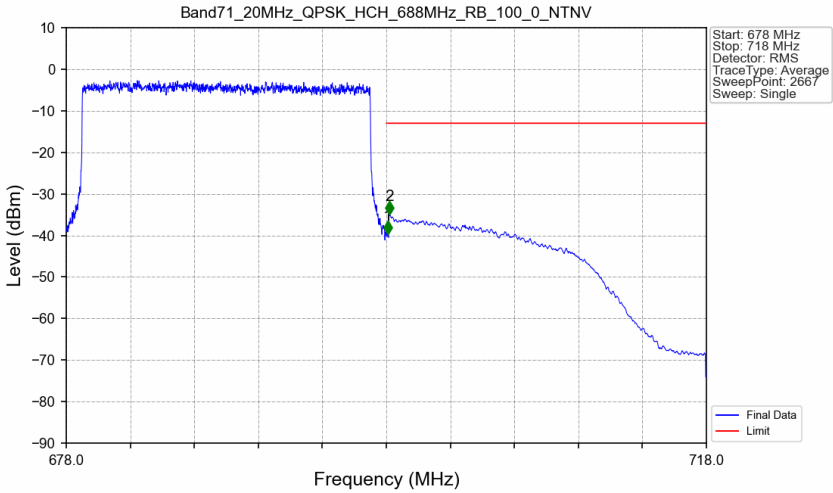


Band71 20MHz QPSK HCH 688MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-36.14	-13	Pass
698.1	718	0.1	CHP	2	698.150	-36.90	-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	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.090	-39.66	-13	Pass
698.1	718	0.1	CHP	2	698.195	-35.00	-13	Pass