

1.1.1 B71_5MHz_ERP

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	23.66	0.71	22.22	<=34.77	Pass	
			25	23.71	0.71	22.27	<=34.77	Pass	
			49	23.64	0.71	22.20	<=34.77	Pass	
		25	0	22.85	0.71	21.41	<=34.77	Pass	
			13	22.85	0.71	21.41	<=34.77	Pass	
			25	22.78	0.71	21.34	<=34.77	Pass	
		50	0	22.83	0.71	21.39	<=34.77	Pass	
		680.5	1	0	23.76	0.71	22.32	<=34.77	Pass
				25	23.82	0.71	22.38	<=34.77	Pass
	49			23.79	0.71	22.35	<=34.77	Pass	
	25		0	22.88	0.71	21.44	<=34.77	Pass	
			13	22.87	0.71	21.43	<=34.77	Pass	
			25	22.82	0.71	21.38	<=34.77	Pass	
	50	0	22.87	0.71	21.43	<=34.77	Pass		
	693	1	0	23.76	0.71	22.32	<=34.77	Pass	
			25	23.74	0.71	22.30	<=34.77	Pass	
			49	23.69	0.71	22.25	<=34.77	Pass	
		25	0	22.82	0.71	21.38	<=34.77	Pass	
			13	22.84	0.71	21.40	<=34.77	Pass	
			25	22.82	0.71	21.38	<=34.77	Pass	
		50	0	22.84	0.71	21.40	<=34.77	Pass	
16QAM		668	1	0	22.86	0.71	21.42	<=34.77	Pass
				25	22.93	0.71	21.49	<=34.77	Pass
	49			22.86	0.71	21.42	<=34.77	Pass	
	25		0	21.91	0.71	20.47	<=34.77	Pass	
			13	21.94	0.71	20.50	<=34.77	Pass	
			25	21.86	0.71	20.42	<=34.77	Pass	
	50		0	21.87	0.71	20.43	<=34.77	Pass	
	680.5	1	0	22.65	0.71	21.21	<=34.77	Pass	
			25	22.71	0.71	21.27	<=34.77	Pass	
			49	22.63	0.71	21.19	<=34.77	Pass	
		25	0	21.90	0.71	20.46	<=34.77	Pass	
			13	21.87	0.71	20.43	<=34.77	Pass	
25	21.85	0.71	20.41	<=34.77	Pass				
50	0	21.89	0.71	20.45	<=34.77	Pass			
693	1	0	22.88	0.71	21.44	<=34.77	Pass		
		25	22.88	0.71	21.44	<=34.77	Pass		
		49	22.82	0.71	21.38	<=34.77	Pass		
	25	0	21.90	0.71	20.46	<=34.77	Pass		
		13	21.88	0.71	20.44	<=34.77	Pass		
	25	21.84	0.71	20.40	<=34.77	Pass			
50	0	21.86	0.71	20.42	<=34.77	Pass			
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B71_15MHz_ERP

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	23.67	0.71	22.23	<=34.77	Pass
			38	23.69	0.71	22.25	<=34.77	Pass
			74	23.71	0.71	22.27	<=34.77	Pass
		36	0	22.86	0.71	21.42	<=34.77	Pass
			18	22.82	0.71	21.38	<=34.77	Pass
			39	22.82	0.71	21.38	<=34.77	Pass

		75	0	22.92	0.71	21.48	<=34.77	Pass
	680.5	1	0	23.82	0.71	22.38	<=34.77	Pass
			38	23.80	0.71	22.36	<=34.77	Pass
			74	23.73	0.71	22.29	<=34.77	Pass
			0	22.91	0.71	21.47	<=34.77	Pass
		36	18	22.89	0.71	21.45	<=34.77	Pass
			39	22.82	0.71	21.38	<=34.77	Pass
	75	0	22.86	0.71	21.42	<=34.77	Pass	
	690.5	1	0	23.75	0.71	22.31	<=34.77	Pass
			38	23.76	0.71	22.32	<=34.77	Pass
			74	23.66	0.71	22.22	<=34.77	Pass
		36	0	22.76	0.71	21.32	<=34.77	Pass
			18	22.73	0.71	21.29	<=34.77	Pass
			39	22.79	0.71	21.35	<=34.77	Pass
	75	0	22.77	0.71	21.33	<=34.77	Pass	
16QAM	670.5	1	0	22.89	0.71	21.45	<=34.77	Pass
			38	22.91	0.71	21.47	<=34.77	Pass
			74	22.94	0.71	21.50	<=34.77	Pass
		36	0	21.84	0.71	20.40	<=34.77	Pass
			18	21.85	0.71	20.41	<=34.77	Pass
			39	21.86	0.71	20.42	<=34.77	Pass
		75	0	21.88	0.71	20.44	<=34.77	Pass
	680.5	1	0	22.92	0.71	21.48	<=34.77	Pass
			38	22.91	0.71	21.47	<=34.77	Pass
			74	22.83	0.71	21.39	<=34.77	Pass
		36	0	21.90	0.71	20.46	<=34.77	Pass
			18	21.87	0.71	20.43	<=34.77	Pass
			39	21.83	0.71	20.39	<=34.77	Pass
	75	0	21.89	0.71	20.45	<=34.77	Pass	
	690.5	1	0	22.90	0.71	21.46	<=34.77	Pass
			38	22.92	0.71	21.48	<=34.77	Pass
			74	22.82	0.71	21.38	<=34.77	Pass
		36	0	21.79	0.71	20.35	<=34.77	Pass
			18	21.76	0.71	20.32	<=34.77	Pass
			39	21.81	0.71	20.37	<=34.77	Pass
		75	0	21.77	0.71	20.33	<=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	23.63	0.71	22.19	<=34.77	Pass
			50	23.75	0.71	22.31	<=34.77	Pass
			99	23.77	0.71	22.33	<=34.77	Pass
		50	0	22.78	0.71	21.34	<=34.77	Pass
			25	22.88	0.71	21.44	<=34.77	Pass
			50	22.90	0.71	21.46	<=34.77	Pass
		100	0	22.83	0.71	21.39	<=34.77	Pass
	683	1	0	23.78	0.71	22.34	<=34.77	Pass
			50	23.74	0.71	22.30	<=34.77	Pass
			99	23.77	0.71	22.33	<=34.77	Pass
		50	0	22.91	0.71	21.47	<=34.77	Pass
			25	22.88	0.71	21.44	<=34.77	Pass
			50	22.77	0.71	21.33	<=34.77	Pass
		100	0	22.83	0.71	21.39	<=34.77	Pass

	688	1	0	23.85	0.71	22.41	<=34.77	Pass		
			50	23.87	0.71	22.43	<=34.77	Pass		
			99	23.79	0.71	22.35	<=34.77	Pass		
		50	0	22.80	0.71	21.36	<=34.77	Pass		
			25	22.79	0.71	21.35	<=34.77	Pass		
			50	22.84	0.71	21.40	<=34.77	Pass		
		100	0	22.78	0.71	21.34	<=34.77	Pass		
		16QAM	673	1	0	22.80	0.71	21.36	<=34.77	Pass
					50	22.93	0.71	21.49	<=34.77	Pass
99	22.95				0.71	21.51	<=34.77	Pass		
50	0			21.87	0.71	20.43	<=34.77	Pass		
	25			21.92	0.71	20.48	<=34.77	Pass		
	50			21.93	0.71	20.49	<=34.77	Pass		
100	0			21.86	0.71	20.42	<=34.77	Pass		
683	1			0	22.63	0.71	21.19	<=34.77	Pass	
				50	22.60	0.71	21.16	<=34.77	Pass	
			99	22.60	0.71	21.16	<=34.77	Pass		
	50		0	21.95	0.71	20.51	<=34.77	Pass		
			25	21.92	0.71	20.48	<=34.77	Pass		
			50	21.87	0.71	20.43	<=34.77	Pass		
	100		0	21.86	0.71	20.42	<=34.77	Pass		
	688		1	0	22.72	0.71	21.28	<=34.77	Pass	
				50	22.71	0.71	21.27	<=34.77	Pass	
99				22.62	0.71	21.18	<=34.77	Pass		
50			0	21.86	0.71	20.42	<=34.77	Pass		
			25	21.80	0.71	20.36	<=34.77	Pass		
			50	21.83	0.71	20.39	<=34.77	Pass		
100			0	21.81	0.71	20.37	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

2. Field Strength of Spurious Radiation

LTE Band 71-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1328.0	-61.37	-13	-48.37	-63.76	2.4	4.79	Horizontal	Pass
1992.0	-54.24	-13	-41.24	-56.16	2.72	4.64	Horizontal	Pass
2656.0	-67.82	-13	-54.82	-70.88	3.1	6.16	Horizontal	Pass
1328.0	-50.86	-13	-37.86	-53.25	2.4	4.79	Vertical	Pass
1992.0	-56.94	-13	-43.94	-58.86	2.72	4.64	Vertical	Pass
2656.0	-67.95	-13	-54.95	-71.01	3.1	6.16	Vertical	Pass

LTE Band 71-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1348.0	-70.02	-13	-57.02	-72.52	2.42	4.92	Horizontal	Pass
2022.0	-67.22	-13	-54.22	-69.15	2.74	4.67	Horizontal	Pass
2696.0	-67.84	-13	-54.84	-70.98	3.11	6.25	Horizontal	Pass
1348.0	-69.85	-13	-56.85	-72.35	2.42	4.92	Vertical	Pass
2022.0	-64.64	-13	-51.64	-66.57	2.74	4.67	Vertical	Pass
2696.0	-68.32	-13	-55.32	-71.46	3.11	6.25	Vertical	Pass

LTE Band 71-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1358.0	-61.24	-13	-48.24	-63.79	2.43	4.98	Horizontal	Pass
2037.0	-65.49	-13	-52.49	-67.45	2.75	4.71	Horizontal	Pass
2716.0	-67.26	-13	-54.26	-70.45	3.11	6.3	Horizontal	Pass
1358.0	-52.35	-13	-39.35	-54.9	2.43	4.98	Vertical	Pass
2037.0	-59.6	-13	-46.6	-61.56	2.75	4.71	Vertical	Pass
2716.0	-66.83	-13	-53.83	-70.02	3.11	6.3	Vertical	Pass