

1.1.1 B41 5MHz EIRP

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2501	1	0	23.56	1.25	24.81	<=33.01	Pass		
			25	23.54	1.25	24.79	<=33.01	Pass		
			49	23.54	1.25	24.79	<=33.01	Pass		
		25	0	22.58	1.25	23.83	<=33.01	Pass		
			13	22.59	1.25	23.84	<=33.01	Pass		
			25	22.57	1.25	23.82	<=33.01	Pass		
		50	0	22.59	1.25	23.84	<=33.01	Pass		
		2593	1	0	23.36	1.25	24.61	<=33.01	Pass	
				25	23.32	1.25	24.57	<=33.01	Pass	
	49			23.36	1.25	24.61	<=33.01	Pass		
	25		0	22.33	1.25	23.58	<=33.01	Pass		
			13	22.41	1.25	23.66	<=33.01	Pass		
			25	22.36	1.25	23.61	<=33.01	Pass		
	50		0	22.34	1.25	23.59	<=33.01	Pass		
	2685		1	0	23.26	1.25	24.51	<=33.01	Pass	
				25	23.25	1.25	24.50	<=33.01	Pass	
		49		23.25	1.25	24.50	<=33.01	Pass		
		25	0	22.29	1.25	23.54	<=33.01	Pass		
			13	22.27	1.25	23.52	<=33.01	Pass		
			25	22.23	1.25	23.48	<=33.01	Pass		
		50	0	22.32	1.25	23.57	<=33.01	Pass		
		16QAM	2501	1	0	22.36	1.25	23.61	<=33.01	Pass
					25	22.66	1.25	23.91	<=33.01	Pass
	49				22.57	1.25	23.82	<=33.01	Pass	
25	0			21.57	1.25	22.82	<=33.01	Pass		
	13			21.60	1.25	22.85	<=33.01	Pass		
	25			21.56	1.25	22.81	<=33.01	Pass		
50	0			21.56	1.25	22.81	<=33.01	Pass		
2593	1			0	22.53	1.25	23.78	<=33.01	Pass	
				25	22.24	1.25	23.49	<=33.01	Pass	
			49	22.24	1.25	23.49	<=33.01	Pass		
	25		0	21.36	1.25	22.61	<=33.01	Pass		
			13	21.32	1.25	22.57	<=33.01	Pass		
			25	21.33	1.25	22.58	<=33.01	Pass		
	50		0	21.29	1.25	22.54	<=33.01	Pass		
	2685		1	0	22.08	1.25	23.33	<=33.01	Pass	
				25	22.05	1.25	23.30	<=33.01	Pass	
49				22.10	1.25	23.35	<=33.01	Pass		
25			0	21.24	1.25	22.49	<=33.01	Pass		
			13	21.29	1.25	22.54	<=33.01	Pass		
			25	21.32	1.25	22.57	<=33.01	Pass		
50			0	21.29	1.25	22.54	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2503.5	1	0	23.58	1.25	24.83	<=33.01	Pass		
			38	23.53	1.25	24.78	<=33.01	Pass		
			74	23.55	1.25	24.80	<=33.01	Pass		
		36	0	22.61	1.25	23.86	<=33.01	Pass		
			18	22.63	1.25	23.88	<=33.01	Pass		
			39	22.62	1.25	23.87	<=33.01	Pass		
		75	0	22.59	1.25	23.84	<=33.01	Pass		
		2593	1	0	23.37	1.25	24.62	<=33.01	Pass	
				38	23.27	1.25	24.52	<=33.01	Pass	
	74			23.29	1.25	24.54	<=33.01	Pass		
	36		0	22.38	1.25	23.63	<=33.01	Pass		
			18	22.36	1.25	23.61	<=33.01	Pass		
			39	22.44	1.25	23.69	<=33.01	Pass		
	75	0	22.34	1.25	23.59	<=33.01	Pass			
	2682.5	1	0	23.26	1.25	24.51	<=33.01	Pass		
			38	23.37	1.25	24.62	<=33.01	Pass		
			74	23.25	1.25	24.50	<=33.01	Pass		
		36	0	22.38	1.25	23.63	<=33.01	Pass		
			18	22.31	1.25	23.56	<=33.01	Pass		
			39	22.38	1.25	23.63	<=33.01	Pass		
		75	0	22.42	1.25	23.67	<=33.01	Pass		
		16QAM	2503.5	1	0	22.69	1.25	23.94	<=33.01	Pass
					38	22.31	1.25	23.56	<=33.01	Pass
	74				22.66	1.25	23.91	<=33.01	Pass	
36	0			21.58	1.25	22.83	<=33.01	Pass		
	18			21.62	1.25	22.87	<=33.01	Pass		
	39			21.56	1.25	22.81	<=33.01	Pass		
75	0			21.61	1.25	22.86	<=33.01	Pass		
2593	1			0	22.07	1.25	23.32	<=33.01	Pass	
				38	22.29	1.25	23.54	<=33.01	Pass	
			74	22.00	1.25	23.25	<=33.01	Pass		
	36		0	21.27	1.25	22.52	<=33.01	Pass		
			18	21.38	1.25	22.63	<=33.01	Pass		
			39	21.25	1.25	22.50	<=33.01	Pass		
75	0		21.36	1.25	22.61	<=33.01	Pass			
2682.5	1		0	22.01	1.25	23.26	<=33.01	Pass		
			38	22.12	1.25	23.37	<=33.01	Pass		
			74	22.16	1.25	23.41	<=33.01	Pass		
	36		0	21.27	1.25	22.52	<=33.01	Pass		
			18	21.33	1.25	22.58	<=33.01	Pass		
			39	21.32	1.25	22.57	<=33.01	Pass		
	75		0	21.39	1.25	22.64	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2506	1	0	23.60	1.25	24.85	<=33.01	Pass		
			50	23.56	1.25	24.81	<=33.01	Pass		
			99	23.59	1.25	24.84	<=33.01	Pass		
		50	0	22.57	1.25	23.82	<=33.01	Pass		
			25	22.59	1.25	23.84	<=33.01	Pass		
			50	22.56	1.25	23.81	<=33.01	Pass		
		100	0	22.47	1.25	23.72	<=33.01	Pass		
		2593	1	0	23.28	1.25	24.53	<=33.01	Pass	
				50	23.22	1.25	24.47	<=33.01	Pass	
	99			23.11	1.25	24.36	<=33.01	Pass		
	50		0	22.23	1.25	23.48	<=33.01	Pass		
			25	22.32	1.25	23.57	<=33.01	Pass		
			50	22.27	1.25	23.52	<=33.01	Pass		
	100	0	22.28	1.25	23.53	<=33.01	Pass			
	2680	1	0	23.10	1.25	24.35	<=33.01	Pass		
			50	23.09	1.25	24.34	<=33.01	Pass		
			99	23.27	1.25	24.52	<=33.01	Pass		
		50	0	22.17	1.25	23.42	<=33.01	Pass		
			25	22.13	1.25	23.38	<=33.01	Pass		
			50	22.18	1.25	23.43	<=33.01	Pass		
		100	0	22.16	1.25	23.41	<=33.01	Pass		
		16QAM	2506	1	0	22.49	1.25	23.74	<=33.01	Pass
					50	22.51	1.25	23.76	<=33.01	Pass
	99				22.82	1.25	24.07	<=33.01	Pass	
50	0			21.44	1.25	22.69	<=33.01	Pass		
	25			21.53	1.25	22.78	<=33.01	Pass		
	50			21.51	1.25	22.76	<=33.01	Pass		
100	0			21.57	1.25	22.82	<=33.01	Pass		
2593	1			0	22.32	1.25	23.57	<=33.01	Pass	
				50	21.76	1.25	23.01	<=33.01	Pass	
			99	22.29	1.25	23.54	<=33.01	Pass		
	50		0	21.31	1.25	22.56	<=33.01	Pass		
			25	21.23	1.25	22.48	<=33.01	Pass		
			50	21.26	1.25	22.51	<=33.01	Pass		
100	0		21.24	1.25	22.49	<=33.01	Pass			
2680	1		0	21.79	1.25	23.04	<=33.01	Pass		
			50	21.95	1.25	23.20	<=33.01	Pass		
			99	22.03	1.25	23.28	<=33.01	Pass		
	50		0	21.11	1.25	22.36	<=33.01	Pass		
			25	21.16	1.25	22.41	<=33.01	Pass		
			50	21.18	1.25	22.43	<=33.01	Pass		
	100		0	21.15	1.25	22.40	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Field Strength of Spurious Radiation

LTE Band 41-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
4994.0	-62.5	-25	-37.5	-68.06	4.57	10.13	Horizontal	Pass
7491.0	-60.61	-25	-35.61	-67.4	4.94	11.73	Horizontal	Pass
9988.0	-56.91	-25	-31.91	-64.49	5.46	13.04	Horizontal	Pass
4994.0	-62.67	-25	-37.67	-68.23	4.57	10.13	Vertical	Pass
7491.0	-60.8	-25	-35.8	-67.59	4.94	11.73	Vertical	Pass
9988.0	-56.73	-25	-31.73	-64.31	5.46	13.04	Vertical	Pass

LTE Band 41-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
5168.0	-63.56	-25	-38.56	-69.18	4.62	10.24	Horizontal	Pass
7752.0	-59.17	-25	-34.17	-66.25	4.96	12.04	Horizontal	Pass
10336.0	-56.75	-25	-31.75	-64.33	5.51	13.09	Horizontal	Pass
5168.0	-63.28	-25	-38.28	-68.9	4.62	10.24	Vertical	Pass
7752.0	-58.98	-25	-33.98	-66.06	4.96	12.04	Vertical	Pass
10336.0	-56.25	-25	-31.25	-63.83	5.51	13.09	Vertical	Pass

LTE Band 41-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
5342.0	-62.7	-25	-37.7	-68.37	4.68	10.35	Horizontal	Pass
8013.0	-59.1	-25	-34.1	-66.47	4.98	12.35	Horizontal	Pass
10684.0	-55.78	-25	-30.78	-63.33	5.63	13.18	Horizontal	Pass
5342.0	-62.48	-25	-37.48	-68.15	4.68	10.35	Vertical	Pass
8013.0	-58.66	-25	-33.66	-66.03	4.98	12.35	Vertical	Pass
10684.0	-56.27	-25	-31.27	-63.82	5.63	13.18	Vertical	Pass