

1.1.1 B14_5MHz_ERP

Band: 14 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	790.5	1	0	23.77	-0.85	20.77	<=34.77	Pass		
			13	23.78	-0.85	20.78	<=34.77	Pass		
			24	23.75	-0.85	20.75	<=34.77	Pass		
		12	0	22.76	-0.85	19.76	<=34.77	Pass		
			6	22.87	-0.85	19.87	<=34.77	Pass		
			13	22.81	-0.85	19.81	<=34.77	Pass		
		25	0	22.88	-0.85	19.88	<=34.77	Pass		
		793	1	0	23.77	-0.85	20.77	<=34.77	Pass	
				13	23.82	-0.85	20.82	<=34.77	Pass	
	24			23.68	-0.85	20.68	<=34.77	Pass		
	12		0	22.84	-0.85	19.84	<=34.77	Pass		
			6	22.84	-0.85	19.84	<=34.77	Pass		
			13	22.72	-0.85	19.72	<=34.77	Pass		
	25	0	22.78	-0.85	19.78	<=34.77	Pass			
	795.5	1	0	23.72	-0.85	20.72	<=34.77	Pass		
			13	23.68	-0.85	20.68	<=34.77	Pass		
			24	23.59	-0.85	20.59	<=34.77	Pass		
		12	0	22.76	-0.85	19.76	<=34.77	Pass		
			6	22.74	-0.85	19.74	<=34.77	Pass		
			13	22.64	-0.85	19.64	<=34.77	Pass		
		25	0	22.73	-0.85	19.73	<=34.77	Pass		
		16QAM	790.5	1	0	22.66	-0.85	19.66	<=34.77	Pass
					13	22.69	-0.85	19.69	<=34.77	Pass
	24				22.98	-0.85	19.98	<=34.77	Pass	
12	0			21.87	-0.85	18.87	<=34.77	Pass		
	6			21.93	-0.85	18.93	<=34.77	Pass		
	13			21.90	-0.85	18.90	<=34.77	Pass		
25	0			21.87	-0.85	18.87	<=34.77	Pass		
793	1			0	22.81	-0.85	19.81	<=34.77	Pass	
				13	22.90	-0.85	19.90	<=34.77	Pass	
			24	22.76	-0.85	19.76	<=34.77	Pass		
	12		0	21.89	-0.85	18.89	<=34.77	Pass		
			6	21.80	-0.85	18.80	<=34.77	Pass		
			13	21.75	-0.85	18.75	<=34.77	Pass		
25	0		21.82	-0.85	18.82	<=34.77	Pass			
795.5	1		0	22.98	-0.85	19.98	<=34.77	Pass		
			13	23.00	-0.85	20.00	<=34.77	Pass		
			24	22.81	-0.85	19.81	<=34.77	Pass		
	12		0	21.84	-0.85	18.84	<=34.77	Pass		
			6	21.82	-0.85	18.82	<=34.77	Pass		
			13	21.73	-0.85	18.73	<=34.77	Pass		
	25		0	21.72	-0.85	18.72	<=34.77	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B14_10MHz_ERP

Band: 14 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	793	1	0	23.74	-0.85	20.74	<=34.77	Pass
			25	23.74	-0.85	20.74	<=34.77	Pass
			49	23.51	-0.85	20.51	<=34.77	Pass
		25	0	22.87	-0.85	19.87	<=34.77	Pass
			13	22.82	-0.85	19.82	<=34.77	Pass
			25	22.72	-0.85	19.72	<=34.77	Pass
		50	0	22.77	-0.85	19.77	<=34.77	Pass
16QAM	793	1	0	22.77	-0.85	19.77	<=34.77	Pass
			25	22.70	-0.85	19.70	<=34.77	Pass
			49	22.54	-0.85	19.54	<=34.77	Pass
		25	0	21.94	-0.85	18.94	<=34.77	Pass
			13	21.93	-0.85	18.93	<=34.77	Pass
			25	21.82	-0.85	18.82	<=34.77	Pass
		50	0	21.84	-0.85	18.84	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

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2. Field Strength of Spurious Radiation

LTE Band 14-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 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
1577.0	-70.37	-40	-30.37	-73.46	2.6	5.69	Horizontal	Pass
2365.5	-66.01	-13	-53.01	-68.53	2.98	5.5	Horizontal	Pass
3154.0	-66.61	-13	-53.61	-70.68	3.23	7.3	Horizontal	Pass
1577.0	-66.24	-40	-26.24	-69.33	2.6	5.69	Vertical	Pass
2365.5	-65.64	-13	-52.64	-68.16	2.98	5.5	Vertical	Pass
3154.0	-62.98	-13	-49.98	-67.05	3.23	7.3	Vertical	Pass

LTE Band 14-Low channel, Modulation: QPSK, Bandwidth:5MHz, 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
1576.5	-71.06	-40	-31.06	-74.15	2.6	5.69	Horizontal	Pass
2364.75	-67.04	-13	-54.04	-69.56	2.98	5.5	Horizontal	Pass
3153.0	-67.04	-13	-54.04	-71.11	3.23	7.3	Horizontal	Pass
1576.5	-67.08	-40	-27.08	-70.17	2.6	5.69	Vertical	Pass
2364.75	-69.83	-13	-56.83	-72.35	2.98	5.5	Vertical	Pass
3153.0	-64.95	-13	-51.95	-69.02	3.23	7.3	Vertical	Pass

LTE Band 14-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 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
1581.5	-69.83	-40	-29.83	-72.9	2.6	5.67	Horizontal	Pass
2372.25	-65.32	-13	-52.32	-67.84	2.99	5.51	Horizontal	Pass
3163.0	-67.29	-13	-54.29	-71.39	3.23	7.33	Horizontal	Pass
1581.5	-65.95	-40	-25.95	-69.02	2.6	5.67	Vertical	Pass
2372.25	-65.95	-13	-52.95	-68.47	2.99	5.51	Vertical	Pass
3163.0	-66.96	-13	-53.96	-71.06	3.23	7.33	Vertical	Pass

LTE Band 14-High channel, Modulation: QPSK, Bandwidth:5MHz, 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
1586.5	-70.98	-40	-30.98	-74.04	2.6	5.66	Horizontal	Pass
2379.75	-68.29	-13	-55.29	-70.83	2.99	5.53	Horizontal	Pass
3173.0	-67.45	-13	-54.45	-71.56	3.24	7.35	Horizontal	Pass
1586.5	-68.77	-40	-28.77	-71.83	2.6	5.66	Vertical	Pass
2379.75	-68.34	-13	-55.34	-70.88	2.99	5.53	Vertical	Pass
3173.0	-67.62	-13	-54.62	-71.73	3.24	7.35	Vertical	Pass