

Band: 7 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2505	1	0	23.53	0.96	24.49	<=33.01	Pass	
			25	23.45	0.96	24.41	<=33.01	Pass	
			49	23.40	0.96	24.36	<=33.01	Pass	
		25	0	22.58	0.96	23.54	<=33.01	Pass	
			13	22.53	0.96	23.49	<=33.01	Pass	
			25	22.50	0.96	23.46	<=33.01	Pass	
		50	0	22.54	0.96	23.50	<=33.01	Pass	
		2535	1	0	23.66	0.96	24.62	<=33.01	Pass
				25	23.59	0.96	24.55	<=33.01	Pass
	49			23.57	0.96	24.53	<=33.01	Pass	
	25		0	22.62	0.96	23.58	<=33.01	Pass	
			13	22.62	0.96	23.58	<=33.01	Pass	
			25	22.63	0.96	23.59	<=33.01	Pass	
	2565	50	0	22.63	0.96	23.59	<=33.01	Pass	
			1	0	23.60	0.96	24.56	<=33.01	Pass
				25	23.62	0.96	24.58	<=33.01	Pass
		49		23.64	0.96	24.60	<=33.01	Pass	
		25	0	22.69	0.96	23.65	<=33.01	Pass	
			13	22.69	0.96	23.65	<=33.01	Pass	
			25	22.62	0.96	23.58	<=33.01	Pass	
		50	0	22.60	0.96	23.56	<=33.01	Pass	
16QAM		2505	1	0	23.04	0.96	24.00	<=33.01	Pass
	25			22.96	0.96	23.92	<=33.01	Pass	
	49			22.96	0.96	23.92	<=33.01	Pass	
	25		0	21.60	0.96	22.56	<=33.01	Pass	
			13	21.56	0.96	22.52	<=33.01	Pass	
			25	21.57	0.96	22.53	<=33.01	Pass	
	50		0	21.53	0.96	22.49	<=33.01	Pass	
	2535	1	0	22.63	0.96	23.59	<=33.01	Pass	
			25	22.57	0.96	23.53	<=33.01	Pass	
			49	22.59	0.96	23.55	<=33.01	Pass	
		25	0	21.73	0.96	22.69	<=33.01	Pass	
			13	21.76	0.96	22.72	<=33.01	Pass	
			25	21.67	0.96	22.63	<=33.01	Pass	
	50	0	21.62	0.96	22.58	<=33.01	Pass		
	2565	1	0	22.65	0.96	23.61	<=33.01	Pass	
			25	22.67	0.96	23.63	<=33.01	Pass	
			49	22.74	0.96	23.70	<=33.01	Pass	
		25	0	21.60	0.96	22.56	<=33.01	Pass	
			13	21.72	0.96	22.68	<=33.01	Pass	
			25	21.66	0.96	22.62	<=33.01	Pass	
		50	0	21.55	0.96	22.51	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	23.39	0.96	24.35	<=33.01	Pass
			38	23.26	0.96	24.22	<=33.01	Pass
			74	23.26	0.96	24.22	<=33.01	Pass
		36	0	22.47	0.96	23.43	<=33.01	Pass
			18	22.44	0.96	23.40	<=33.01	Pass
			39	22.39	0.96	23.35	<=33.01	Pass

		75	0	22.42	0.96	23.38	<=33.01	Pass
	2535	1	0	23.54	0.96	24.50	<=33.01	Pass
			38	23.46	0.96	24.42	<=33.01	Pass
			74	23.44	0.96	24.40	<=33.01	Pass
			0	22.57	0.96	23.53	<=33.01	Pass
		36	18	22.71	0.96	23.67	<=33.01	Pass
			39	22.67	0.96	23.63	<=33.01	Pass
			75	0	22.72	0.96	23.68	<=33.01
	2562.5	1	0	23.74	0.96	24.70	<=33.01	Pass
			38	23.62	0.96	24.58	<=33.01	Pass
			74	23.68	0.96	24.64	<=33.01	Pass
		36	0	22.75	0.96	23.71	<=33.01	Pass
			18	22.68	0.96	23.64	<=33.01	Pass
			39	22.62	0.96	23.58	<=33.01	Pass
		75	0	22.75	0.96	23.71	<=33.01	Pass
16QAM	2507.5	1	0	23.01	0.96	23.97	<=33.01	Pass
			38	22.87	0.96	23.83	<=33.01	Pass
			74	22.88	0.96	23.84	<=33.01	Pass
		36	0	21.49	0.96	22.45	<=33.01	Pass
			18	21.47	0.96	22.43	<=33.01	Pass
			39	21.37	0.96	22.33	<=33.01	Pass
		75	0	21.44	0.96	22.40	<=33.01	Pass
	2535	1	0	23.07	0.96	24.03	<=33.01	Pass
			38	22.90	0.96	23.86	<=33.01	Pass
			74	22.90	0.96	23.86	<=33.01	Pass
		36	0	21.73	0.96	22.69	<=33.01	Pass
			18	21.66	0.96	22.62	<=33.01	Pass
			39	21.61	0.96	22.57	<=33.01	Pass
		75	0	21.65	0.96	22.61	<=33.01	Pass
	2562.5	1	0	23.15	0.96	24.11	<=33.01	Pass
			38	22.86	0.96	23.82	<=33.01	Pass
			74	22.89	0.96	23.85	<=33.01	Pass
		36	0	21.71	0.96	22.67	<=33.01	Pass
			18	21.60	0.96	22.56	<=33.01	Pass
			39	21.59	0.96	22.55	<=33.01	Pass
		75	0	21.73	0.96	22.69	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	23.39	0.96	24.35	<=33.01	Pass
			50	23.25	0.96	24.21	<=33.01	Pass
			99	23.48	0.96	24.44	<=33.01	Pass
		50	0	22.37	0.96	23.33	<=33.01	Pass
			25	22.37	0.96	23.33	<=33.01	Pass
			50	22.45	0.96	23.41	<=33.01	Pass
		100	0	22.45	0.96	23.41	<=33.01	Pass
	2535	1	0	23.51	0.96	24.47	<=33.01	Pass
			50	23.44	0.96	24.40	<=33.01	Pass
			99	23.35	0.96	24.31	<=33.01	Pass
		50	0	22.56	0.96	23.52	<=33.01	Pass
			25	22.56	0.96	23.52	<=33.01	Pass
			50	22.46	0.96	23.42	<=33.01	Pass
		100	0	22.53	0.96	23.49	<=33.01	Pass

	2560	1	0	23.58	0.96	24.54	<=33.01	Pass		
			50	23.52	0.96	24.48	<=33.01	Pass		
			99	23.59	0.96	24.55	<=33.01	Pass		
		50	0	22.68	0.96	23.64	<=33.01	Pass		
			25	22.73	0.96	23.69	<=33.01	Pass		
			50	22.59	0.96	23.55	<=33.01	Pass		
		100	0	22.63	0.96	23.59	<=33.01	Pass		
		16QAM	2510	1	0	22.68	0.96	23.64	<=33.01	Pass
					50	22.54	0.96	23.50	<=33.01	Pass
99	22.76				0.96	23.72	<=33.01	Pass		
50	0			21.43	0.96	22.39	<=33.01	Pass		
	25			21.36	0.96	22.32	<=33.01	Pass		
	50			21.46	0.96	22.42	<=33.01	Pass		
100	0			21.47	0.96	22.43	<=33.01	Pass		
2535	1			0	23.12	0.96	24.08	<=33.01	Pass	
				50	22.99	0.96	23.95	<=33.01	Pass	
			99	22.91	0.96	23.87	<=33.01	Pass		
	50		0	21.52	0.96	22.48	<=33.01	Pass		
			25	21.54	0.96	22.50	<=33.01	Pass		
			50	21.47	0.96	22.43	<=33.01	Pass		
	100		0	21.54	0.96	22.50	<=33.01	Pass		
2560	1		0	22.79	0.96	23.75	<=33.01	Pass		
		50	22.74	0.96	23.70	<=33.01	Pass			
		99	23.09	0.96	24.05	<=33.01	Pass			
	50	0	21.68	0.96	22.64	<=33.01	Pass			
		25	21.68	0.96	22.64	<=33.01	Pass			
		50	21.59	0.96	22.55	<=33.01	Pass			
	100	0	21.69	0.96	22.65	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

2. Field Strength of Spurious Radiation

LTE Band 7-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
5002.0	-62.27	-25	-37.27	-67.84	4.57	10.14	Horizontal	Pass
7503.0	-57.07	-25	-32.07	-63.87	4.94	11.74	Horizontal	Pass
10004.0	-56.46	-25	-31.46	-64.03	5.46	13.03	Horizontal	Pass
5002.0	-59.19	-25	-34.19	-64.76	4.57	10.14	Vertical	Pass
7503.0	-54.25	-25	-29.25	-61.05	4.94	11.74	Vertical	Pass
10004.0	-55.97	-25	-30.97	-63.54	5.46	13.03	Vertical	Pass

LTE Band 7-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
5052.0	-62.81	-25	-37.81	-68.39	4.59	10.17	Horizontal	Pass
7578.0	-59.45	-25	-34.45	-66.33	4.95	11.83	Horizontal	Pass
10104.0	-56.3	-25	-31.3	-63.87	5.48	13.05	Horizontal	Pass
5052.0	-63.07	-25	-38.07	-68.65	4.59	10.17	Vertical	Pass
7578.0	-59.64	-25	-34.64	-66.52	4.95	11.83	Vertical	Pass
10104.0	-56.46	-25	-31.46	-64.03	5.48	13.05	Vertical	Pass

LTE Band 7-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
5102.0	-63.64	-25	-38.64	-69.24	4.6	10.2	Horizontal	Pass
7653.0	-59.55	-25	-34.55	-66.52	4.95	11.92	Horizontal	Pass
10204.0	-56.73	-25	-31.73	-64.31	5.49	13.07	Horizontal	Pass
5102.0	-63.43	-25	-38.43	-69.03	4.6	10.2	Vertical	Pass
7653.0	-59.81	-25	-34.81	-66.78	4.95	11.92	Vertical	Pass
10204.0	-56.82	-25	-31.82	-64.4	5.49	13.07	Vertical	Pass