

1.1.1 B7_5MHz_EIRP

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2505	1	0	22.08	4.5	26.58	<=33.00	Pass		
			25	22.22	4.5	26.72	<=33.00	Pass		
			49	22.13	4.5	26.63	<=33.00	Pass		
		25	0	21.22	4.5	25.72	<=33.00	Pass		
			13	21.15	4.5	25.65	<=33.00	Pass		
			25	21.14	4.5	25.64	<=33.00	Pass		
		50	0	21.27	4.5	25.77	<=33.00	Pass		
		2535	1	0	22.29	4.5	26.79	<=33.00	Pass	
				25	23.07	4.5	27.57	<=33.00	Pass	
	49			22.58	4.5	27.08	<=33.00	Pass		
	25		0	21.35	4.5	25.85	<=33.00	Pass		
			13	21.45	4.5	25.95	<=33.00	Pass		
			25	21.46	4.5	25.96	<=33.00	Pass		
	50	0	21.29	4.5	25.79	<=33.00	Pass			
	2565	1	0	22.64	4.5	27.14	<=33.00	Pass		
			25	23.04	4.5	27.54	<=33.00	Pass		
			49	22.38	4.5	26.88	<=33.00	Pass		
		25	0	21.65	4.5	26.15	<=33.00	Pass		
			13	21.61	4.5	26.11	<=33.00	Pass		
			25	21.45	4.5	25.95	<=33.00	Pass		
		50	0	21.57	4.5	26.07	<=33.00	Pass		
		16QAM	2505	1	0	20.93	4.5	25.43	<=33.00	Pass
					25	21.28	4.5	25.78	<=33.00	Pass
	49				20.77	4.5	25.27	<=33.00	Pass	
	25			0	20.27	4.5	24.77	<=33.00	Pass	
				13	20.01	4.5	24.51	<=33.00	Pass	
				25	20.10	4.5	24.6	<=33.00	Pass	
50	0			20.28	4.5	24.78	<=33.00	Pass		
2535	1			0	20.79	4.5	25.29	<=33.00	Pass	
				25	21.26	4.5	25.76	<=33.00	Pass	
			49	21.23	4.5	25.73	<=33.00	Pass		
	25		0	20.37	4.5	24.87	<=33.00	Pass		
			13	20.47	4.5	24.97	<=33.00	Pass		
			25	20.48	4.5	24.98	<=33.00	Pass		
50	0		20.43	4.5	24.93	<=33.00	Pass			
2565	1		0	21.64	4.5	26.14	<=33.00	Pass		
			25	21.25	4.5	25.75	<=33.00	Pass		
			49	21.29	4.5	25.79	<=33.00	Pass		
	25		0	20.49	4.5	24.99	<=33.00	Pass		
			13	20.55	4.5	25.05	<=33.00	Pass		
			25	20.37	4.5	24.87	<=33.00	Pass		
	50		0	20.42	4.5	24.92	<=33.00	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2507.5	1	0	22.02	4.5	26.52	<=33.00	Pass		
			38	22.26	4.5	26.76	<=33.00	Pass		
			74	22.17	4.5	26.67	<=33.00	Pass		
		36	0	21.25	4.5	25.75	<=33.00	Pass		
			18	21.10	4.5	25.6	<=33.00	Pass		
			39	21.23	4.5	25.73	<=33.00	Pass		
		75	0	21.30	4.5	25.8	<=33.00	Pass		
		2535	1	0	22.26	4.5	26.76	<=33.00	Pass	
				38	22.71	4.5	27.21	<=33.00	Pass	
	74			22.56	4.5	27.06	<=33.00	Pass		
	36		0	21.37	4.5	25.87	<=33.00	Pass		
			18	21.48	4.5	25.98	<=33.00	Pass		
			39	21.56	4.5	26.06	<=33.00	Pass		
	75	0	21.31	4.5	25.81	<=33.00	Pass			
	2562.5	1	0	22.54	4.5	27.04	<=33.00	Pass		
			38	22.84	4.5	27.34	<=33.00	Pass		
			74	22.57	4.5	27.07	<=33.00	Pass		
		36	0	21.70	4.5	26.2	<=33.00	Pass		
			18	21.56	4.5	26.06	<=33.00	Pass		
			39	21.47	4.5	25.97	<=33.00	Pass		
		75	0	21.63	4.5	26.13	<=33.00	Pass		
		16QAM	2507.5	1	0	20.70	4.5	25.2	<=33.00	Pass
					38	20.68	4.5	25.18	<=33.00	Pass
	74				20.62	4.5	25.12	<=33.00	Pass	
36	0			20.22	4.5	24.72	<=33.00	Pass		
	18			20.20	4.5	24.7	<=33.00	Pass		
	39			20.23	4.5	24.73	<=33.00	Pass		
75	0			20.17	4.5	24.67	<=33.00	Pass		
2535	1			0	21.11	4.5	25.61	<=33.00	Pass	
				38	21.30	4.5	25.8	<=33.00	Pass	
			74	20.95	4.5	25.45	<=33.00	Pass		
	36		0	20.26	4.5	24.76	<=33.00	Pass		
			18	20.21	4.5	24.71	<=33.00	Pass		
			39	20.56	4.5	25.06	<=33.00	Pass		
75	0		20.41	4.5	24.91	<=33.00	Pass			
2562.5	1		0	21.25	4.5	25.75	<=33.00	Pass		
			38	21.04	4.5	25.54	<=33.00	Pass		
			74	21.22	4.5	25.72	<=33.00	Pass		
	36		0	20.62	4.5	25.12	<=33.00	Pass		
			18	20.60	4.5	25.1	<=33.00	Pass		
			39	20.51	4.5	25.01	<=33.00	Pass		
	75		0	20.67	4.5	25.17	<=33.00	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2510	1	0	22.05	4.5	26.55	<=33.00	Pass		
			50	22.62	4.5	27.12	<=33.00	Pass		
			99	22.04	4.5	26.54	<=33.00	Pass		
		50	0	21.43	4.5	25.93	<=33.00	Pass		
			25	21.36	4.5	25.86	<=33.00	Pass		
			50	21.25	4.5	25.75	<=33.00	Pass		
		100	0	21.25	4.5	25.75	<=33.00	Pass		
		2535	1	0	22.20	4.5	26.7	<=33.00	Pass	
				50	23.10	4.5	27.6	<=33.00	Pass	
	99			22.39	4.5	26.89	<=33.00	Pass		
	50		0	21.29	4.5	25.79	<=33.00	Pass		
			25	21.34	4.5	25.84	<=33.00	Pass		
			50	21.52	4.5	26.02	<=33.00	Pass		
	100	0	21.35	4.5	25.85	<=33.00	Pass			
	2560	1	0	22.26	4.5	26.76	<=33.00	Pass		
			50	22.74	4.5	27.24	<=33.00	Pass		
			99	22.42	4.5	26.92	<=33.00	Pass		
		50	0	21.54	4.5	26.04	<=33.00	Pass		
			25	21.58	4.5	26.08	<=33.00	Pass		
			50	21.45	4.5	25.95	<=33.00	Pass		
		100	0	21.49	4.5	25.99	<=33.00	Pass		
		16QAM	2510	1	0	20.76	4.5	25.26	<=33.00	Pass
					50	21.52	4.5	26.02	<=33.00	Pass
	99				21.10	4.5	25.6	<=33.00	Pass	
50	0			20.33	4.5	24.83	<=33.00	Pass		
	25			20.32	4.5	24.82	<=33.00	Pass		
	50			20.26	4.5	24.76	<=33.00	Pass		
100	0			20.33	4.5	24.83	<=33.00	Pass		
2535	1			0	21.10	4.5	25.6	<=33.00	Pass	
				50	21.35	4.5	25.85	<=33.00	Pass	
			99	20.99	4.5	25.49	<=33.00	Pass		
	50		0	20.39	4.5	24.89	<=33.00	Pass		
			25	20.37	4.5	24.87	<=33.00	Pass		
			50	20.46	4.5	24.96	<=33.00	Pass		
100	0		20.26	4.5	24.76	<=33.00	Pass			
2560	1		0	20.49	4.5	24.99	<=33.00	Pass		
			50	21.61	4.5	26.11	<=33.00	Pass		
			99	21.28	4.5	25.78	<=33.00	Pass		
	50		0	20.68	4.5	25.18	<=33.00	Pass		
			25	20.64	4.5	25.14	<=33.00	Pass		
			50	20.56	4.5	25.06	<=33.00	Pass		
	100		0	20.59	4.5	25.09	<=33.00	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Field Strength of Spurious Radiation

Test Band = LTE Band 7_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.18	66.11	-48.01	31.21	-45.95	-25.00	20.95	Horizontal
2	7503.27	57.79	-46.11	36.40	-47.18	-25.00	22.18	Horizontal
3	10004.36	50.44	-41.71	38.80	-47.72	-25.00	22.72	Horizontal
4	12505.45	49.39	-39.84	39.10	-46.61	-25.00	21.61	Horizontal
5	15006.54	50.37	-38.03	40.19	-42.73	-25.00	17.73	Horizontal
6	17507.63	50.98	-36.82	41.85	-39.25	-25.00	14.25	Horizontal

Test Band = LTE Band 7_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002	62.13	-48.01	31.21	-49.93	-25.00	24.93	Vertical
2	10004	52.03	-41.71	38.80	-46.13	-25.00	21.13	Vertical
3	7503.27	59.15	-46.11	36.40	-45.82	-25.00	20.82	Vertical
4	12505.45	49.66	-39.84	39.10	-46.34	-25.00	21.34	Vertical
5	15006.54	49.67	-38.03	40.19	-43.43	-25.00	18.43	Vertical
6	17507.63	51.41	-36.82	41.85	-38.82	-25.00	13.82	Vertical

Test Band = LTE Band 7_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5052	66.94	-47.91	31.35	-44.89	-25.00	19.89	Horizontal
2	7578.27	58.39	-44.91	36.38	-45.40	-25.00	20.40	Horizontal
3	10104.36	55.69	-41.88	38.87	-42.58	-25.00	17.58	Horizontal
4	12630.45	50.13	-39.08	39.02	-45.18	-25.00	20.18	Horizontal
5	15156.54	50.69	-37.42	39.92	-42.08	-25.00	17.08	Horizontal
6	17682.63	51.17	-37.64	42.90	-38.84	-25.00	13.84	Horizontal

Test Band = LTE Band 7_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5052	62.91	-47.91	31.35	-48.92	-25.00	23.92	Vertical
2	7578	59.65	-44.92	36.38	-44.15	-25.00	19.15	Vertical
3	10104.36	51.97	-41.88	38.87	-46.30	-25.00	21.30	Vertical
4	12630.45	51.69	-39.08	39.02	-43.62	-25.00	18.62	Vertical
5	15156.54	50.95	-37.42	39.92	-41.82	-25.00	16.82	Vertical
6	17682.63	50.29	-37.64	42.90	-39.72	-25.00	14.72	Vertical

Test Band = LTE Band 7_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5102	66.05	-47.82	31.49	-45.55	-25.00	20.55	Horizontal
2	7653.27	56.33	-44.91	36.37	-47.47	-25.00	22.47	Horizontal
3	10204.36	53.03	-42.10	38.94	-45.38	-25.00	20.38	Horizontal
4	12755.45	50.54	-39.29	38.95	-45.06	-25.00	20.06	Horizontal
5	15306.54	52.05	-37.87	39.65	-41.43	-25.00	16.43	Horizontal
6	17857.63	50.73	-36.85	43.95	-37.43	-25.00	12.43	Horizontal

Test Band = LTE Band 7_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5102	60.91	-47.82	31.49	-50.69	-25.00	25.69	Vertical
2	7653	57.19	-44.91	36.37	-46.61	-25.00	21.61	Vertical
3	10204.36	53.66	-42.10	38.94	-44.75	-25.00	19.75	Vertical
4	12755.45	51.16	-39.29	38.95	-44.44	-25.00	19.44	Vertical
5	15306.54	51.46	-37.87	39.65	-42.02	-25.00	17.02	Vertical
6	17857.63	50.54	-36.85	43.95	-37.62	-25.00	12.62	Vertical