

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	20.98	1.98	22.96	<=33.01	Pass
			13	20.86	1.98	22.84	<=33.01	Pass
			24	20.94	1.98	22.92	<=33.01	Pass
		12	0	19.98	1.98	21.96	<=33.01	Pass
			6	20.02	1.98	22.00	<=33.01	Pass
			13	19.93	1.98	21.91	<=33.01	Pass
		25	0	20.04	1.98	22.02	<=33.01	Pass
	2535	1	0	21.09	1.98	23.07	<=33.01	Pass
			13	21.21	1.98	23.19	<=33.01	Pass
			24	21.21	1.98	23.19	<=33.01	Pass
		12	0	20.10	1.98	22.08	<=33.01	Pass
			6	20.20	1.98	22.18	<=33.01	Pass
			13	20.20	1.98	22.18	<=33.01	Pass
		25	0	20.22	1.98	22.20	<=33.01	Pass
	2567.5	1	0	21.21	1.98	23.19	<=33.01	Pass
			13	21.32	1.98	23.30	<=33.01	Pass
			24	21.20	1.98	23.18	<=33.01	Pass
		12	0	20.21	1.98	22.19	<=33.01	Pass
			6	20.30	1.98	22.28	<=33.01	Pass
			13	20.19	1.98	22.17	<=33.01	Pass
		25	0	20.25	1.98	22.23	<=33.01	Pass
16QAM	2502.5	1	0	20.18	1.98	22.16	<=33.01	Pass
			13	20.31	1.98	22.29	<=33.01	Pass
			24	20.32	1.98	22.30	<=33.01	Pass
		12	0	19.06	1.98	21.04	<=33.01	Pass
			6	19.12	1.98	21.10	<=33.01	Pass
			13	19.05	1.98	21.03	<=33.01	Pass
		25	0	19.04	1.98	21.02	<=33.01	Pass
	2535	1	0	20.40	1.98	22.38	<=33.01	Pass
			13	20.53	1.98	22.51	<=33.01	Pass
			24	20.26	1.98	22.24	<=33.01	Pass
		12	0	19.27	1.98	21.25	<=33.01	Pass
			6	19.28	1.98	21.26	<=33.01	Pass
			13	19.29	1.98	21.27	<=33.01	Pass
		25	0	19.16	1.98	21.14	<=33.01	Pass
	2567.5	1	0	20.53	1.98	22.51	<=33.01	Pass
			13	20.45	1.98	22.43	<=33.01	Pass
			24	20.41	1.98	22.39	<=33.01	Pass
		12	0	19.23	1.98	21.21	<=33.01	Pass
			6	19.34	1.98	21.32	<=33.01	Pass
			13	19.26	1.98	21.24	<=33.01	Pass
		25	0	19.19	1.98	21.17	<=33.01	Pass
64QAM	2502.5	1	0	20.11	1.98	22.09	<=33.01	Pass
			13	19.95	1.98	21.93	<=33.01	Pass
			24	20.20	1.98	22.18	<=33.01	Pass
		12	0	19.02	1.98	21.00	<=33.01	Pass
			6	19.02	1.98	21.00	<=33.01	Pass
			13	18.93	1.98	20.91	<=33.01	Pass
		25	0	19.02	1.98	21.00	<=33.01	Pass

	2535	1	0	20.00	1.98	21.98	<=33.01	Pass		
			13	20.22	1.98	22.20	<=33.01	Pass		
			24	19.73	1.98	21.71	<=33.01	Pass		
		12	0	19.21	1.98	21.19	<=33.01	Pass		
			6	19.20	1.98	21.18	<=33.01	Pass		
			13	19.19	1.98	21.17	<=33.01	Pass		
		25	0	19.18	1.98	21.16	<=33.01	Pass		
		2567.5	1	0	19.95	1.98	21.93	<=33.01	Pass	
				13	20.09	1.98	22.07	<=33.01	Pass	
	24			20.06	1.98	22.04	<=33.01	Pass		
	12		0	19.32	1.98	21.30	<=33.01	Pass		
			6	19.27	1.98	21.25	<=33.01	Pass		
			13	19.19	1.98	21.17	<=33.01	Pass		
	25		0	19.17	1.98	21.15	<=33.01	Pass		
	256QAM		2502.5	1	0	16.06	1.98	18.04	<=33.01	Pass
					13	16.06	1.98	18.04	<=33.01	Pass
		24			16.05	1.98	18.03	<=33.01	Pass	
		12		0	16.22	1.98	18.20	<=33.01	Pass	
6				16.24	1.98	18.22	<=33.01	Pass		
13				16.16	1.98	18.14	<=33.01	Pass		
25		0		16.11	1.98	18.09	<=33.01	Pass		
2535		1	0	16.37	1.98	18.35	<=33.01	Pass		
			13	16.58	1.98	18.56	<=33.01	Pass		
			24	16.37	1.98	18.35	<=33.01	Pass		
		12	0	16.26	1.98	18.24	<=33.01	Pass		
			6	16.49	1.98	18.47	<=33.01	Pass		
			13	16.37	1.98	18.35	<=33.01	Pass		
		25	0	16.41	1.98	18.39	<=33.01	Pass		
2567.5		1	0	16.47	1.98	18.45	<=33.01	Pass		
			13	16.46	1.98	18.44	<=33.01	Pass		
			24	16.21	1.98	18.19	<=33.01	Pass		
		12	0	16.37	1.98	18.35	<=33.01	Pass		
	6		16.41	1.98	18.39	<=33.01	Pass			
	13		16.46	1.98	18.44	<=33.01	Pass			
	25	0	16.40	1.98	18.38	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.2 B7_10MHz_EIRP

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	21.12	1.98	23.10	<=33.01	Pass
			25	21.02	1.98	23.00	<=33.01	Pass
			49	20.95	1.98	22.93	<=33.01	Pass
		25	0	20.07	1.98	22.05	<=33.01	Pass
			13	20.03	1.98	22.01	<=33.01	Pass
			25	20.06	1.98	22.04	<=33.01	Pass
		50	0	20.06	1.98	22.04	<=33.01	Pass
	2535	1	0	21.20	1.98	23.18	<=33.01	Pass
			25	21.23	1.98	23.21	<=33.01	Pass
			49	21.21	1.98	23.19	<=33.01	Pass
		25	0	20.11	1.98	22.09	<=33.01	Pass
			13	20.28	1.98	22.26	<=33.01	Pass
			25	20.14	1.98	22.12	<=33.01	Pass
		50	0	20.18	1.98	22.16	<=33.01	Pass
	2565	1	0	21.24	1.98	23.22	<=33.01	Pass
			25	21.23	1.98	23.21	<=33.01	Pass
			49	21.14	1.98	23.12	<=33.01	Pass
		25	0	20.23	1.98	22.21	<=33.01	Pass
			13	20.29	1.98	22.27	<=33.01	Pass
			25	20.20	1.98	22.18	<=33.01	Pass
		50	0	20.31	1.98	22.29	<=33.01	Pass
16QAM	2505	1	0	20.01	1.98	21.99	<=33.01	Pass
			25	19.75	1.98	21.73	<=33.01	Pass
			49	20.24	1.98	22.22	<=33.01	Pass
		25	0	19.04	1.98	21.02	<=33.01	Pass
			13	19.14	1.98	21.12	<=33.01	Pass
			25	19.06	1.98	21.04	<=33.01	Pass
		50	0	19.05	1.98	21.03	<=33.01	Pass
	2535	1	0	20.24	1.98	22.22	<=33.01	Pass
			25	20.41	1.98	22.39	<=33.01	Pass
			49	20.38	1.98	22.36	<=33.01	Pass
		25	0	19.18	1.98	21.16	<=33.01	Pass
			13	19.25	1.98	21.23	<=33.01	Pass
			25	19.23	1.98	21.21	<=33.01	Pass
		50	0	19.29	1.98	21.27	<=33.01	Pass
	2565	1	0	20.28	1.98	22.26	<=33.01	Pass
			25	20.17	1.98	22.15	<=33.01	Pass
			49	20.28	1.98	22.26	<=33.01	Pass
		25	0	19.23	1.98	21.21	<=33.01	Pass
			13	19.26	1.98	21.24	<=33.01	Pass
			25	19.26	1.98	21.24	<=33.01	Pass
		50	0	19.27	1.98	21.25	<=33.01	Pass
64QAM	2505	1	0	19.64	1.98	21.62	<=33.01	Pass
			25	20.17	1.98	22.15	<=33.01	Pass
			49	19.90	1.98	21.88	<=33.01	Pass
		25	0	19.13	1.98	21.11	<=33.01	Pass
			13	19.07	1.98	21.05	<=33.01	Pass
			25	19.00	1.98	20.98	<=33.01	Pass
		50	0	19.04	1.98	21.02	<=33.01	Pass
	2535	1	0	20.07	1.98	22.05	<=33.01	Pass
			25	20.24	1.98	22.22	<=33.01	Pass
			49	20.35	1.98	22.33	<=33.01	Pass
		25	0	19.25	1.98	21.23	<=33.01	Pass
			13	19.26	1.98	21.24	<=33.01	Pass

			25	19.18	1.98	21.16	<=33.01	Pass
		50	0	19.22	1.98	21.20	<=33.01	Pass
	2565	1	0	20.18	1.98	22.16	<=33.01	Pass
			25	20.15	1.98	22.13	<=33.01	Pass
			49	20.13	1.98	22.11	<=33.01	Pass
		25	0	19.34	1.98	21.32	<=33.01	Pass
			13	19.31	1.98	21.29	<=33.01	Pass
			25	19.24	1.98	21.22	<=33.01	Pass
		50	0	19.32	1.98	21.30	<=33.01	Pass
	256QAM	2505	1	0	16.09	1.98	18.07	<=33.01
25				16.33	1.98	18.31	<=33.01	Pass
49				16.09	1.98	18.07	<=33.01	Pass
25			0	16.14	1.98	18.12	<=33.01	Pass
			13	16.24	1.98	18.22	<=33.01	Pass
			25	16.15	1.98	18.13	<=33.01	Pass
50			0	16.17	1.98	18.15	<=33.01	Pass
2535		1	0	16.32	1.98	18.30	<=33.01	Pass
			25	16.42	1.98	18.40	<=33.01	Pass
			49	16.21	1.98	18.19	<=33.01	Pass
		25	0	16.35	1.98	18.33	<=33.01	Pass
			13	16.40	1.98	18.38	<=33.01	Pass
			25	16.33	1.98	18.31	<=33.01	Pass
		50	0	16.41	1.98	18.39	<=33.01	Pass
2565		1	0	16.19	1.98	18.17	<=33.01	Pass
			25	16.68	1.98	18.66	<=33.01	Pass
			49	16.25	1.98	18.23	<=33.01	Pass
		25	0	16.42	1.98	18.40	<=33.01	Pass
			13	16.47	1.98	18.45	<=33.01	Pass
			25	16.35	1.98	18.33	<=33.01	Pass
	50	0	16.39	1.98	18.37	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	20.73	1.98	22.71	<=33.01	Pass
			38	20.68	1.98	22.66	<=33.01	Pass
			74	20.76	1.98	22.74	<=33.01	Pass
		36	0	19.82	1.98	21.80	<=33.01	Pass
			18	19.96	1.98	21.94	<=33.01	Pass
			39	19.86	1.98	21.84	<=33.01	Pass
		75	0	19.91	1.98	21.89	<=33.01	Pass
	2535	1	0	21.03	1.98	23.01	<=33.01	Pass
			38	21.18	1.98	23.16	<=33.01	Pass
			74	21.17	1.98	23.15	<=33.01	Pass
		36	0	20.06	1.98	22.04	<=33.01	Pass
			18	20.11	1.98	22.09	<=33.01	Pass
			39	20.05	1.98	22.03	<=33.01	Pass
		75	0	20.10	1.98	22.08	<=33.01	Pass
	2562.5	1	0	21.26	1.98	23.24	<=33.01	Pass
			38	21.05	1.98	23.03	<=33.01	Pass
			74	20.84	1.98	22.82	<=33.01	Pass
		36	0	20.19	1.98	22.17	<=33.01	Pass
			18	20.14	1.98	22.12	<=33.01	Pass
			39	20.09	1.98	22.07	<=33.01	Pass
		75	0	20.14	1.98	22.12	<=33.01	Pass
16QAM	2507.5	1	0	20.21	1.98	22.19	<=33.01	Pass
			38	20.10	1.98	22.08	<=33.01	Pass
			74	20.12	1.98	22.10	<=33.01	Pass
		36	0	18.86	1.98	20.84	<=33.01	Pass
			18	18.97	1.98	20.95	<=33.01	Pass
			39	18.98	1.98	20.96	<=33.01	Pass
		75	0	18.91	1.98	20.89	<=33.01	Pass
	2535	1	0	20.20	1.98	22.18	<=33.01	Pass
			38	20.29	1.98	22.27	<=33.01	Pass
			74	20.40	1.98	22.38	<=33.01	Pass
		36	0	18.92	1.98	20.90	<=33.01	Pass
			18	19.17	1.98	21.15	<=33.01	Pass
			39	19.04	1.98	21.02	<=33.01	Pass
		75	0	19.06	1.98	21.04	<=33.01	Pass
	2562.5	1	0	19.84	1.98	21.82	<=33.01	Pass
			38	19.94	1.98	21.92	<=33.01	Pass
			74	20.25	1.98	22.23	<=33.01	Pass
		36	0	19.11	1.98	21.09	<=33.01	Pass
			18	19.15	1.98	21.13	<=33.01	Pass
			39	19.06	1.98	21.04	<=33.01	Pass
		75	0	19.13	1.98	21.11	<=33.01	Pass
64QAM	2507.5	1	0	19.86	1.98	21.84	<=33.01	Pass
			38	19.82	1.98	21.80	<=33.01	Pass
			74	19.54	1.98	21.52	<=33.01	Pass
		36	0	18.85	1.98	20.83	<=33.01	Pass
			18	18.94	1.98	20.92	<=33.01	Pass
			39	18.92	1.98	20.90	<=33.01	Pass
		75	0	18.98	1.98	20.96	<=33.01	Pass
	2535	1	0	20.16	1.98	22.14	<=33.01	Pass
			38	19.98	1.98	21.96	<=33.01	Pass
			74	20.18	1.98	22.16	<=33.01	Pass
	2562.5	36	0	19.06	1.98	21.04	<=33.01	Pass
			18	19.04	1.98	21.02	<=33.01	Pass

			39	19.11	1.98	21.09	<=33.01	Pass
		75	0	19.11	1.98	21.09	<=33.01	Pass
	2562.5	1	0	20.16	1.98	22.14	<=33.01	Pass
			38	19.82	1.98	21.80	<=33.01	Pass
			74	19.59	1.98	21.57	<=33.01	Pass
		36	0	19.13	1.98	21.11	<=33.01	Pass
			18	19.14	1.98	21.12	<=33.01	Pass
			39	18.98	1.98	20.96	<=33.01	Pass
		75	0	19.11	1.98	21.09	<=33.01	Pass
	256QAM	2507.5	1	0	15.97	1.98	17.95	<=33.01
38				16.09	1.98	18.07	<=33.01	Pass
74				15.93	1.98	17.91	<=33.01	Pass
36			0	16.02	1.98	18.00	<=33.01	Pass
			18	16.01	1.98	17.99	<=33.01	Pass
			39	16.05	1.98	18.03	<=33.01	Pass
			75	0	16.04	1.98	18.02	<=33.01
2535		1	0	16.20	1.98	18.18	<=33.01	Pass
			38	16.21	1.98	18.19	<=33.01	Pass
			74	16.17	1.98	18.15	<=33.01	Pass
		36	0	16.24	1.98	18.22	<=33.01	Pass
			18	16.24	1.98	18.22	<=33.01	Pass
			39	16.30	1.98	18.28	<=33.01	Pass
			75	0	16.23	1.98	18.21	<=33.01
2562.5		1	0	15.93	1.98	17.91	<=33.01	Pass
			38	16.27	1.98	18.25	<=33.01	Pass
			74	16.16	1.98	18.14	<=33.01	Pass
		36	0	16.22	1.98	18.20	<=33.01	Pass
			18	16.28	1.98	18.26	<=33.01	Pass
			39	16.14	1.98	18.12	<=33.01	Pass
	75	0	16.31	1.98	18.29	<=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	20.72	1.98	22.70	<=33.01	Pass
			50	20.82	1.98	22.80	<=33.01	Pass
			99	20.92	1.98	22.90	<=33.01	Pass
		50	0	19.84	1.98	21.82	<=33.01	Pass
			25	19.95	1.98	21.93	<=33.01	Pass
			50	19.94	1.98	21.92	<=33.01	Pass
		100	0	19.99	1.98	21.97	<=33.01	Pass
	2535	1	0	20.99	1.98	22.97	<=33.01	Pass
			50	21.02	1.98	23.00	<=33.01	Pass
			99	21.45	1.98	23.43	<=33.01	Pass
		50	0	20.08	1.98	22.06	<=33.01	Pass
			25	20.09	1.98	22.07	<=33.01	Pass
			50	20.07	1.98	22.05	<=33.01	Pass
		100	0	20.08	1.98	22.06	<=33.01	Pass
	2560	1	0	21.08	1.98	23.06	<=33.01	Pass
			50	21.26	1.98	23.24	<=33.01	Pass
			99	21.04	1.98	23.02	<=33.01	Pass
		50	0	20.14	1.98	22.12	<=33.01	Pass
			25	20.16	1.98	22.14	<=33.01	Pass
			50	20.01	1.98	21.99	<=33.01	Pass
		100	0	20.13	1.98	22.11	<=33.01	Pass
16QAM	2510	1	0	19.65	1.98	21.63	<=33.01	Pass
			50	20.04	1.98	22.02	<=33.01	Pass
			99	20.12	1.98	22.10	<=33.01	Pass
		50	0	18.84	1.98	20.82	<=33.01	Pass
			25	18.96	1.98	20.94	<=33.01	Pass
			50	18.96	1.98	20.94	<=33.01	Pass
		100	0	19.02	1.98	21.00	<=33.01	Pass
	2535	1	0	20.00	1.98	21.98	<=33.01	Pass
			50	20.18	1.98	22.16	<=33.01	Pass
			99	20.29	1.98	22.27	<=33.01	Pass
		50	0	19.10	1.98	21.08	<=33.01	Pass
			25	19.14	1.98	21.12	<=33.01	Pass
			50	19.07	1.98	21.05	<=33.01	Pass
		100	0	19.08	1.98	21.06	<=33.01	Pass
	2560	1	0	20.34	1.98	22.32	<=33.01	Pass
			50	20.38	1.98	22.36	<=33.01	Pass
			99	20.02	1.98	22.00	<=33.01	Pass
		50	0	19.17	1.98	21.15	<=33.01	Pass
			25	19.22	1.98	21.20	<=33.01	Pass
			50	19.09	1.98	21.07	<=33.01	Pass
		100	0	19.16	1.98	21.14	<=33.01	Pass
64QAM	2510	1	0	19.76	1.98	21.74	<=33.01	Pass
			50	19.94	1.98	21.92	<=33.01	Pass
			99	19.79	1.98	21.77	<=33.01	Pass
		50	0	18.83	1.98	20.81	<=33.01	Pass
			25	18.95	1.98	20.93	<=33.01	Pass
			50	18.95	1.98	20.93	<=33.01	Pass
		100	0	18.99	1.98	20.97	<=33.01	Pass
	2535	1	0	19.83	1.98	21.81	<=33.01	Pass
			50	19.90	1.98	21.88	<=33.01	Pass
			99	19.92	1.98	21.90	<=33.01	Pass
		50	0	19.10	1.98	21.08	<=33.01	Pass
			25	19.12	1.98	21.10	<=33.01	Pass

			50	19.08	1.98	21.06	<=33.01	Pass	
		100	0	19.16	1.98	21.14	<=33.01	Pass	
	2560	1	0	19.97	1.98	21.95	<=33.01	Pass	
			50	20.29	1.98	22.27	<=33.01	Pass	
			99	19.68	1.98	21.66	<=33.01	Pass	
			0	19.10	1.98	21.08	<=33.01	Pass	
		50	25	19.22	1.98	21.20	<=33.01	Pass	
			50	19.04	1.98	21.02	<=33.01	Pass	
			100	0	19.17	1.98	21.15	<=33.01	Pass
	256QAM	2510	1	0	15.93	1.98	17.91	<=33.01	Pass
50				15.97	1.98	17.95	<=33.01	Pass	
99				16.22	1.98	18.20	<=33.01	Pass	
50			0	15.98	1.98	17.96	<=33.01	Pass	
			25	16.14	1.98	18.12	<=33.01	Pass	
			50	16.07	1.98	18.05	<=33.01	Pass	
			100	0	16.10	1.98	18.08	<=33.01	Pass
2535		1	0	16.35	1.98	18.33	<=33.01	Pass	
			50	16.43	1.98	18.41	<=33.01	Pass	
			99	16.13	1.98	18.11	<=33.01	Pass	
		50	0	16.02	1.98	18.00	<=33.01	Pass	
			25	16.33	1.98	18.31	<=33.01	Pass	
			50	16.34	1.98	18.32	<=33.01	Pass	
			100	0	16.26	1.98	18.24	<=33.01	Pass
2560		1	0	15.80	1.98	17.78	<=33.01	Pass	
			50	16.24	1.98	18.22	<=33.01	Pass	
			99	16.14	1.98	18.12	<=33.01	Pass	
		50	0	16.29	1.98	18.27	<=33.01	Pass	
			25	16.26	1.98	18.24	<=33.01	Pass	
			50	16.14	1.98	18.12	<=33.01	Pass	
		100	0	16.25	1.98	18.23	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

2. Field Strength of Spurious Radiation

Test Band = LTE Band7_ 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	3597.75	45.21	-46.13	28.76	-67.43	-25.00	42.43	Horizontal
2	5538	43.93	-45.18	32.31	-64.20	-25.00	39.20	Horizontal
3	7570.5	42.24	-42.99	36.50	-59.51	-25.00	34.51	Horizontal
4	9850.5	38.57	-39.40	38.20	-57.89	-25.00	32.89	Horizontal
5	12146.25	36.10	-37.41	39.14	-57.43	-25.00	32.43	Horizontal
6	14985	33.45	-34.64	41.59	-54.86	-25.00	29.86	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3166.5	43.93	-45.91	28.27	-68.98	-25.00	43.98	Vertical
2	4325.25	43.80	-45.61	30.18	-66.89	-25.00	41.89	Vertical
3	7407.75	42.20	-43.39	36.14	-60.31	-25.00	35.31	Vertical
4	9434.25	40.34	-39.97	37.37	-57.52	-25.00	32.52	Vertical
5	12526.5	35.47	-37.13	39.26	-57.66	-25.00	32.66	Vertical
6	14386.5	33.68	-34.98	41.11	-55.45	-25.00	30.45	Vertical

Test Band = LTE Band7_ 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	3938.25	44.79	-46.19	29.30	-67.36	-25.00	42.36	Horizontal
2	4717.5	43.82	-45.59	30.95	-66.08	-25.00	41.08	Horizontal
3	6990.75	42.55	-43.60	34.98	-61.33	-25.00	36.33	Horizontal
4	8094	41.38	-41.42	37.04	-58.26	-25.00	33.26	Horizontal
5	9816	38.68	-39.46	38.13	-57.90	-25.00	32.90	Horizontal
6	11760	35.38	-36.95	38.98	-57.85	-25.00	32.85	Horizontal
7	12931.5	35.50	-37.18	39.38	-57.56	-25.00	32.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4286.25	43.52	-45.57	30.09	-67.22	-25.00	42.22	Vertical
2	6810.75	43.28	-44.16	34.66	-61.48	-25.00	36.48	Vertical
3	7526.25	41.68	-43.08	36.44	-60.23	-25.00	35.23	Vertical
4	9552	38.63	-39.94	37.60	-58.96	-25.00	33.96	Vertical
5	12671.25	35.40	-36.95	39.30	-57.51	-25.00	32.51	Vertical
6	14848.5	32.85	-34.99	41.48	-55.93	-25.00	30.93	Vertical

Test Band = LTE Band7_ 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	4021.5	44.36	-45.98	29.45	-67.43	-25.00	42.43	Horizontal
2	4532.25	44.57	-45.70	30.65	-65.74	-25.00	40.74	Horizontal
3	6906.75	43.14	-44.06	34.83	-61.35	-25.00	36.35	Horizontal
4	8229.75	41.49	-42.23	36.96	-59.04	-25.00	34.04	Horizontal
5	10269.75	37.75	-39.21	38.53	-58.20	-25.00	33.20	Horizontal
6	12798.75	36.13	-36.83	39.34	-56.62	-25.00	31.62	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4131.75	44.45	-45.76	29.72	-66.86	-25.00	41.86	Vertical
2	5712.75	43.69	-44.84	32.34	-64.06	-25.00	39.06	Vertical
3	7197.75	42.26	-43.44	35.55	-60.88	-25.00	35.88	Vertical
4	7973.25	41.94	-42.48	37.06	-58.73	-25.00	33.73	Vertical
5	10034.25	37.99	-39.20	38.50	-57.97	-25.00	32.97	Vertical
6	12822.75	35.41	-36.89	39.35	-57.40	-25.00	32.40	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---