

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	22.39	2.6	22.84	<=34.77	Pass
			2	22.85	2.6	23.3	<=34.77	Pass
			5	22.45	2.6	22.9	<=34.77	Pass
		3	0	22.71	2.6	23.16	<=34.77	Pass
			2	22.56	2.6	23.01	<=34.77	Pass
			3	22.43	2.6	22.88	<=34.77	Pass
		6	0	21.68	2.6	22.13	<=34.77	Pass
	707.5	1	0	22.52	2.6	22.97	<=34.77	Pass
			2	22.40	2.6	22.85	<=34.77	Pass
			5	22.34	2.6	22.79	<=34.77	Pass
		3	0	22.69	2.6	23.14	<=34.77	Pass
			2	22.45	2.6	22.9	<=34.77	Pass
			3	22.70	2.6	23.15	<=34.77	Pass
		6	0	21.63	2.6	22.08	<=34.77	Pass
	715.3	1	0	22.50	2.6	22.95	<=34.77	Pass
			2	22.68	2.6	23.13	<=34.77	Pass
			5	22.46	2.6	22.91	<=34.77	Pass
		3	0	22.40	2.6	22.85	<=34.77	Pass
			2	22.54	2.6	22.99	<=34.77	Pass
			3	22.49	2.6	22.94	<=34.77	Pass
		6	0	21.66	2.6	22.11	<=34.77	Pass
16QAM	699.7	1	0	21.85	2.6	22.3	<=34.77	Pass
			2	21.93	2.6	22.38	<=34.77	Pass
			5	21.96	2.6	22.41	<=34.77	Pass
		3	0	21.61	2.6	22.06	<=34.77	Pass
			2	21.64	2.6	22.09	<=34.77	Pass
			3	21.84	2.6	22.29	<=34.77	Pass
		6	0	20.55	2.6	21	<=34.77	Pass
	707.5	1	0	21.74	2.6	22.19	<=34.77	Pass
			2	21.89	2.6	22.34	<=34.77	Pass
			5	21.70	2.6	22.15	<=34.77	Pass
		3	0	21.75	2.6	22.2	<=34.77	Pass
			2	21.79	2.6	22.24	<=34.77	Pass
			3	21.84	2.6	22.29	<=34.77	Pass
		6	0	20.68	2.6	21.13	<=34.77	Pass
	715.3	1	0	21.58	2.6	22.03	<=34.77	Pass
			2	21.77	2.6	22.22	<=34.77	Pass
			5	21.70	2.6	22.15	<=34.77	Pass
		3	0	21.74	2.6	22.19	<=34.77	Pass
			2	21.75	2.6	22.2	<=34.77	Pass
			3	21.70	2.6	22.15	<=34.77	Pass
		6	0	20.70	2.6	21.15	<=34.77	Pass
64QAM	699.7	1	0	21.34	2.6	21.79	<=34.77	Pass
			2	21.48	2.6	21.93	<=34.77	Pass
			5	21.45	2.6	21.9	<=34.77	Pass
		3	0	21.75	2.6	22.2	<=34.77	Pass
			2	21.74	2.6	22.19	<=34.77	Pass
			3	21.43	2.6	21.88	<=34.77	Pass
		6	0	20.55	2.6	21	<=34.77	Pass

	707.5	1	0	20.90	2.6	21.35	<=34.77	Pass		
			2	21.53	2.6	21.98	<=34.77	Pass		
			5	21.66	2.6	22.11	<=34.77	Pass		
		3	0	21.70	2.6	22.15	<=34.77	Pass		
			2	21.73	2.6	22.18	<=34.77	Pass		
			3	21.73	2.6	22.18	<=34.77	Pass		
		6	0	20.64	2.6	21.09	<=34.77	Pass		
		715.3	1	0	21.66	2.6	22.11	<=34.77	Pass	
				2	21.73	2.6	22.18	<=34.77	Pass	
	5			21.50	2.6	21.95	<=34.77	Pass		
	3		0	21.62	2.6	22.07	<=34.77	Pass		
			2	21.54	2.6	21.99	<=34.77	Pass		
			3	21.65	2.6	22.1	<=34.77	Pass		
	6		0	20.66	2.6	21.11	<=34.77	Pass		
	256QAM		699.7	1	0	17.87	2.6	18.32	<=34.77	Pass
					2	17.86	2.6	18.31	<=34.77	Pass
		5			17.57	2.6	18.02	<=34.77	Pass	
		3		0	17.54	2.6	17.99	<=34.77	Pass	
2				17.68	2.6	18.13	<=34.77	Pass		
3				17.65	2.6	18.1	<=34.77	Pass		
6		0		17.67	2.6	18.12	<=34.77	Pass		
707.5		1		0	17.52	2.6	17.97	<=34.77	Pass	
				2	17.72	2.6	18.17	<=34.77	Pass	
			5	17.27	2.6	17.72	<=34.77	Pass		
		3	0	17.58	2.6	18.03	<=34.77	Pass		
			2	17.88	2.6	18.33	<=34.77	Pass		
			3	17.74	2.6	18.19	<=34.77	Pass		
		6	0	17.70	2.6	18.15	<=34.77	Pass		
		715.3	1	0	17.66	2.6	18.11	<=34.77	Pass	
				2	17.48	2.6	17.93	<=34.77	Pass	
5				17.73	2.6	18.18	<=34.77	Pass		
3			0	17.72	2.6	18.17	<=34.77	Pass		
			2	17.71	2.6	18.16	<=34.77	Pass		
			3	17.65	2.6	18.1	<=34.77	Pass		
6			0	17.72	2.6	18.17	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	22.48	2.6	22.84	<=34.77	Pass
			7	22.79	2.6	23.3	<=34.77	Pass
			14	22.42	2.6	22.9	<=34.77	Pass
		8	0	21.79	2.6	23.16	<=34.77	Pass
			4	21.68	2.6	23.01	<=34.77	Pass
			7	21.73	2.6	22.88	<=34.77	Pass
		15	0	21.70	2.6	22.13	<=34.77	Pass
	707.5	1	0	22.70	2.6	22.97	<=34.77	Pass
			7	22.60	2.6	22.85	<=34.77	Pass
			14	22.35	2.6	22.79	<=34.77	Pass
		8	0	21.49	2.6	23.14	<=34.77	Pass
			4	21.59	2.6	22.9	<=34.77	Pass
			7	21.74	2.6	23.15	<=34.77	Pass
		15	0	21.70	2.6	22.08	<=34.77	Pass
	714.5	1	0	22.53	2.6	22.95	<=34.77	Pass
			7	22.64	2.6	23.13	<=34.77	Pass
			14	22.18	2.6	22.91	<=34.77	Pass
		8	0	21.50	2.6	22.85	<=34.77	Pass
			4	21.58	2.6	22.99	<=34.77	Pass
			7	21.68	2.6	22.94	<=34.77	Pass
		15	0	21.40	2.6	22.11	<=34.77	Pass
16QAM	700.5	1	0	21.88	2.6	22.3	<=34.77	Pass
			7	22.43	2.6	22.38	<=34.77	Pass
			14	21.94	2.6	22.41	<=34.77	Pass
		8	0	20.79	2.6	22.06	<=34.77	Pass
			4	20.80	2.6	22.09	<=34.77	Pass
			7	20.84	2.6	22.29	<=34.77	Pass
		15	0	20.77	2.6	21	<=34.77	Pass
	707.5	1	0	22.29	2.6	22.19	<=34.77	Pass
			7	22.06	2.6	22.34	<=34.77	Pass
			14	21.74	2.6	22.15	<=34.77	Pass
		8	0	20.76	2.6	22.2	<=34.77	Pass
			4	20.73	2.6	22.24	<=34.77	Pass
			7	20.73	2.6	22.29	<=34.77	Pass
		15	0	20.68	2.6	21.13	<=34.77	Pass
	714.5	1	0	21.07	2.6	22.03	<=34.77	Pass
			7	21.90	2.6	22.22	<=34.77	Pass
			14	21.94	2.6	22.15	<=34.77	Pass
		8	0	20.85	2.6	22.19	<=34.77	Pass
			4	20.64	2.6	22.2	<=34.77	Pass
			7	20.73	2.6	22.15	<=34.77	Pass
		15	0	20.46	2.6	21.15	<=34.77	Pass
64QAM	700.5	1	0	21.40	2.6	21.79	<=34.77	Pass
			7	21.56	2.6	21.93	<=34.77	Pass
			14	21.52	2.6	21.9	<=34.77	Pass
		8	0	20.46	2.6	22.2	<=34.77	Pass
			4	20.68	2.6	22.19	<=34.77	Pass
			7	20.56	2.6	21.88	<=34.77	Pass
		15	0	20.76	2.6	21	<=34.77	Pass
	707.5	1	0	21.73	2.6	21.35	<=34.77	Pass
			7	21.60	2.6	21.98	<=34.77	Pass
			14	21.71	2.6	22.11	<=34.77	Pass
		8	0	20.37	2.6	22.15	<=34.77	Pass
			4	20.67	2.6	22.18	<=34.77	Pass

			7	20.78	2.6	22.18	<=34.77	Pass	
		15	0	20.56	2.6	21.09	<=34.77	Pass	
	714.5	1	0	21.69	2.6	22.11	<=34.77	Pass	
			7	21.63	2.6	22.18	<=34.77	Pass	
			14	21.53	2.6	21.95	<=34.77	Pass	
		8	0	20.66	2.6	22.07	<=34.77	Pass	
			4	20.62	2.6	21.99	<=34.77	Pass	
			7	20.69	2.6	22.1	<=34.77	Pass	
		15	0	20.54	2.6	21.11	<=34.77	Pass	
	256QAM	700.5	1	0	17.52	2.6	18.32	<=34.77	Pass
7				17.89	2.6	18.31	<=34.77	Pass	
14				17.84	2.6	18.02	<=34.77	Pass	
8			0	17.64	2.6	17.99	<=34.77	Pass	
			4	17.85	2.6	18.13	<=34.77	Pass	
			7	17.82	2.6	18.1	<=34.77	Pass	
15			0	17.67	2.6	18.12	<=34.77	Pass	
707.5		1	0	17.71	2.6	17.97	<=34.77	Pass	
			7	17.90	2.6	18.17	<=34.77	Pass	
			14	17.78	2.6	17.72	<=34.77	Pass	
		8	0	17.70	2.6	18.03	<=34.77	Pass	
			4	17.64	2.6	18.33	<=34.77	Pass	
			7	17.83	2.6	18.19	<=34.77	Pass	
		15	0	17.66	2.6	18.15	<=34.77	Pass	
714.5		1	0	17.66	2.6	18.11	<=34.77	Pass	
			7	17.75	2.6	17.93	<=34.77	Pass	
			14	17.41	2.6	18.18	<=34.77	Pass	
		8	0	17.68	2.6	18.17	<=34.77	Pass	
			4	17.63	2.6	18.16	<=34.77	Pass	
			7	17.77	2.6	18.1	<=34.77	Pass	
		15	0	17.45	2.6	18.17	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	22.59	2.6	23.04	<=34.77	Pass
			13	22.54	2.6	22.99	<=34.77	Pass
			24	22.16	2.6	22.61	<=34.77	Pass
		12	0	21.59	2.6	22.04	<=34.77	Pass
			6	21.75	2.6	22.2	<=34.77	Pass
			13	21.75	2.6	22.2	<=34.77	Pass
		25	0	21.54	2.6	21.99	<=34.77	Pass
	707.5	1	0	22.71	2.6	23.16	<=34.77	Pass
			13	22.62	2.6	23.07	<=34.77	Pass
			24	22.71	2.6	23.16	<=34.77	Pass
		12	0	21.67	2.6	22.12	<=34.77	Pass
			6	21.65	2.6	22.1	<=34.77	Pass
			13	21.77	2.6	22.22	<=34.77	Pass
		25	0	21.61	2.6	22.06	<=34.77	Pass
	713.5	1	0	22.54	2.6	22.99	<=34.77	Pass
			13	22.58	2.6	23.03	<=34.77	Pass
			24	22.52	2.6	22.97	<=34.77	Pass
		12	0	21.63	2.6	22.08	<=34.77	Pass
			6	21.43	2.6	21.88	<=34.77	Pass
			13	21.67	2.6	22.12	<=34.77	Pass
		25	0	21.63	2.6	22.08	<=34.77	Pass
16QAM	701.5	1	0	22.06	2.6	22.51	<=34.77	Pass
			13	22.08	2.6	22.53	<=34.77	Pass
			24	22.12	2.6	22.57	<=34.77	Pass
		12	0	20.68	2.6	21.13	<=34.77	Pass
			6	20.84	2.6	21.29	<=34.77	Pass
			13	20.81	2.6	21.26	<=34.77	Pass
		25	0	20.61	2.6	21.06	<=34.77	Pass
	707.5	1	0	21.87	2.6	22.32	<=34.77	Pass
			13	21.93	2.6	22.38	<=34.77	Pass
			24	21.75	2.6	22.2	<=34.77	Pass
		12	0	20.67	2.6	21.12	<=34.77	Pass
			6	20.72	2.6	21.17	<=34.77	Pass
			13	20.71	2.6	21.16	<=34.77	Pass
		25	0	20.68	2.6	21.13	<=34.77	Pass
	713.5	1	0	21.71	2.6	22.16	<=34.77	Pass
			13	22.03	2.6	22.48	<=34.77	Pass
			24	21.55	2.6	22	<=34.77	Pass
		12	0	20.54	2.6	20.99	<=34.77	Pass
			6	20.65	2.6	21.1	<=34.77	Pass
			13	20.80	2.6	21.25	<=34.77	Pass
		25	0	20.77	2.6	21.22	<=34.77	Pass
64QAM	701.5	1	0	21.92	2.6	22.37	<=34.77	Pass
			13	21.80	2.6	22.25	<=34.77	Pass
			24	21.19	2.6	21.64	<=34.77	Pass
		12	0	20.66	2.6	21.11	<=34.77	Pass
			6	20.87	2.6	21.32	<=34.77	Pass
			13	20.75	2.6	21.2	<=34.77	Pass
		25	0	20.74	2.6	21.19	<=34.77	Pass
	707.5	1	0	22.01	2.6	22.46	<=34.77	Pass
			13	21.99	2.6	22.44	<=34.77	Pass
			24	21.60	2.6	22.05	<=34.77	Pass
		12	0	20.53	2.6	20.98	<=34.77	Pass
			6	20.68	2.6	21.13	<=34.77	Pass

			13	20.81	2.6	21.26	<=34.77	Pass	
		25	0	20.75	2.6	21.2	<=34.77	Pass	
	713.5	1	0	21.69	2.6	22.14	<=34.77	Pass	
			13	20.95	2.6	21.4	<=34.77	Pass	
			24	21.65	2.6	22.1	<=34.77	Pass	
		12	0	20.59	2.6	21.04	<=34.77	Pass	
			6	20.60	2.6	21.05	<=34.77	Pass	
			13	20.71	2.6	21.16	<=34.77	Pass	
		25	0	20.64	2.6	21.09	<=34.77	Pass	
	256QAM	701.5	1	0	17.55	2.6	18	<=34.77	Pass
13				17.97	2.6	18.42	<=34.77	Pass	
24				17.71	2.6	18.16	<=34.77	Pass	
12			0	17.73	2.6	18.18	<=34.77	Pass	
			6	17.85	2.6	18.3	<=34.77	Pass	
			13	17.76	2.6	18.21	<=34.77	Pass	
			25	0	17.72	2.6	18.17	<=34.77	Pass
707.5		1	0	17.67	2.6	18.12	<=34.77	Pass	
			13	17.60	2.6	18.05	<=34.77	Pass	
			24	17.76	2.6	18.21	<=34.77	Pass	
		12	0	17.76	2.6	18.21	<=34.77	Pass	
			6	17.73	2.6	18.18	<=34.77	Pass	
			13	17.75	2.6	18.2	<=34.77	Pass	
		25	0	17.76	2.6	18.21	<=34.77	Pass	
713.5		1	0	17.81	2.6	18.26	<=34.77	Pass	
			13	17.57	2.6	18.02	<=34.77	Pass	
			24	17.78	2.6	18.23	<=34.77	Pass	
		12	0	17.59	2.6	18.04	<=34.77	Pass	
			6	17.56	2.6	18.01	<=34.77	Pass	
			13	17.66	2.6	18.11	<=34.77	Pass	
		25	0	17.74	2.6	18.19	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	22.33	2.6	22.78	<=34.77	Pass
			25	22.57	2.6	23.02	<=34.77	Pass
			49	22.48	2.6	22.93	<=34.77	Pass
		25	0	21.73	2.6	22.18	<=34.77	Pass
			13	21.75	2.6	22.2	<=34.77	Pass
			25	21.71	2.6	22.16	<=34.77	Pass
		50	0	21.80	2.6	22.25	<=34.77	Pass
	707.5	1	0	22.71	2.6	23.16	<=34.77	Pass
			25	22.86	2.6	23.31	<=34.77	Pass
			49	22.40	2.6	22.85	<=34.77	Pass
		25	0	21.72	2.6	22.17	<=34.77	Pass
			13	21.71	2.6	22.16	<=34.77	Pass
			25	21.77	2.6	22.22	<=34.77	Pass
		50	0	21.76	2.6	22.21	<=34.77	Pass
	711	1	0	22.47	2.6	22.92	<=34.77	Pass
			25	22.53	2.6	22.98	<=34.77	Pass
			49	22.43	2.6	22.88	<=34.77	Pass
		25	0	21.73	2.6	22.18	<=34.77	Pass
			13	21.80	2.6	22.25	<=34.77	Pass
			25	21.76	2.6	22.21	<=34.77	Pass
		50	0	21.80	2.6	22.25	<=34.77	Pass
16QAM	704	1	0	21.62	2.6	22.07	<=34.77	Pass
			25	22.20	2.6	22.65	<=34.77	Pass
			49	21.82	2.6	22.27	<=34.77	Pass
		25	0	20.70	2.6	21.15	<=34.77	Pass
			13	20.81	2.6	21.26	<=34.77	Pass
			25	20.80	2.6	21.25	<=34.77	Pass
		50	0	20.79	2.6	21.24	<=34.77	Pass
	707.5	1	0	21.94	2.6	22.39	<=34.77	Pass
			25	21.68	2.6	22.13	<=34.77	Pass
			49	22.02	2.6	22.47	<=34.77	Pass
		25	0	20.56	2.6	21.01	<=34.77	Pass
			13	20.74	2.6	21.19	<=34.77	Pass
			25	20.80	2.6	21.25	<=34.77	Pass
		50	0	20.77	2.6	21.22	<=34.77	Pass
	711	1	0	21.81	2.6	22.26	<=34.77	Pass
			25	21.64	2.6	22.09	<=34.77	Pass
			49	21.72	2.6	22.17	<=34.77	Pass
		25	0	20.77	2.6	21.22	<=34.77	Pass
			13	20.81	2.6	21.26	<=34.77	Pass
			25	20.71	2.6	21.16	<=34.77	Pass
		50	0	20.80	2.6	21.25	<=34.77	Pass
64QAM	704	1	0	21.59	2.6	22.04	<=34.77	Pass
			25	22.09	2.6	22.54	<=34.77	Pass
			49	21.36	2.6	21.81	<=34.77	Pass
		25	0	20.77	2.6	21.22	<=34.77	Pass
			13	20.81	2.6	21.26	<=34.77	Pass
			25	20.77	2.6	21.22	<=34.77	Pass
		50	0	20.82	2.6	21.27	<=34.77	Pass
	707.5	1	0	21.94	2.6	22.39	<=34.77	Pass
			25	21.63	2.6	22.08	<=34.77	Pass
			49	21.38	2.6	21.83	<=34.77	Pass
	707.5	25	0	20.70	2.6	21.15	<=34.77	Pass
			13	20.65	2.6	21.1	<=34.77	Pass

			25	20.77	2.6	21.22	<=34.77	Pass
		50	0	20.64	2.6	21.09	<=34.77	Pass
	711	1	0	21.63	2.6	22.08	<=34.77	Pass
			25	21.78	2.6	22.23	<=34.77	Pass
			49	21.69	2.6	22.14	<=34.77	Pass
		25	0	20.66	2.6	21.11	<=34.77	Pass
			13	20.77	2.6	21.22	<=34.77	Pass
			25	20.79	2.6	21.24	<=34.77	Pass
		50	0	20.82	2.6	21.27	<=34.77	Pass
	256QAM	704	1	0	17.71	2.6	18.16	<=34.77
25				17.77	2.6	18.22	<=34.77	Pass
49				17.52	2.6	17.97	<=34.77	Pass
25			0	17.82	2.6	18.27	<=34.77	Pass
			13	17.85	2.6	18.3	<=34.77	Pass
			25	17.79	2.6	18.24	<=34.77	Pass
50			0	17.87	2.6	18.32	<=34.77	Pass
707.5		1	0	17.41	2.6	17.86	<=34.77	Pass
			25	17.84	2.6	18.29	<=34.77	Pass
			49	17.92	2.6	18.37	<=34.77	Pass
		25	0	17.74	2.6	18.19	<=34.77	Pass
			13	17.80	2.6	18.25	<=34.77	Pass
			25	17.79	2.6	18.24	<=34.77	Pass
		50	0	17.76	2.6	18.21	<=34.77	Pass
711		1	0	17.54	2.6	17.99	<=34.77	Pass
			25	17.71	2.6	18.16	<=34.77	Pass
			49	17.65	2.6	18.1	<=34.77	Pass
		25	0	17.71	2.6	18.16	<=34.77	Pass
			13	17.78	2.6	18.23	<=34.77	Pass
			25	17.79	2.6	18.24	<=34.77	Pass
	50	0	17.80	2.6	18.25	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Field Strength of Spurious Radiation

Test Band = LTE Band12_ 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	1527.4286	46.20	-48.31	25.33	-72.04	-13.00	59.04	Horizontal
2	2119.4286	45.81	-47.70	26.44	-70.72	-13.00	57.72	Horizontal
3	2996	44.59	-46.52	28.09	-69.10	-13.00	56.10	Horizontal
4	3970.8571	43.77	-46.21	29.35	-68.35	-13.00	55.35	Horizontal
5	4898.8571	43.50	-45.58	31.24	-66.10	-13.00	53.10	Horizontal
6	6310.2857	43.31	-44.62	33.45	-63.12	-13.00	50.12	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1631.4286	46.19	-48.24	25.43	-71.88	-13.00	58.88	Vertical
2	2216.5714	46.17	-47.65	26.63	-70.11	-13.00	57.11	Vertical
3	2869.1429	44.52	-46.68	27.86	-69.55	-13.00	56.55	Vertical
4	3509.7143	44.30	-46.52	28.62	-68.87	-13.00	55.87	Vertical
5	4561.1429	43.85	-45.72	30.70	-66.43	-13.00	53.43	Vertical
6	6010.8571	43.21	-44.46	32.44	-64.07	-13.00	51.07	Vertical

Test Band = LTE Band12_ 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	1649.1429	45.99	-48.22	25.45	-72.04	-13.00	59.04	Horizontal
2	2329.1429	45.94	-47.49	26.86	-69.95	-13.00	56.95	Horizontal
3	3412.5714	44.24	-46.54	28.51	-69.05	-13.00	56.05	Horizontal
4	4256	43.38	-45.86	30.01	-67.72	-13.00	54.72	Horizontal
5	5808.5714	43.39	-44.69	32.36	-64.19	-13.00	51.19	Horizontal
6	7364.5714	42.37	-43.33	36.02	-60.20	-13.00	47.20	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1592.5714	46.11	-48.28	25.39	-72.04	-13.00	59.04	Vertical
2	2234.2857	45.72	-47.62	26.67	-70.49	-13.00	57.49	Vertical
3	3004	44.62	-46.53	28.10	-69.07	-13.00	56.07	Vertical
4	3710.2857	43.65	-46.15	28.94	-68.82	-13.00	55.82	Vertical
5	4593.7143	44.17	-45.78	30.75	-66.12	-13.00	53.12	Vertical
6	5914.2857	43.97	-44.89	32.38	-63.80	-13.00	50.80	Vertical

Test Band = LTE Band12_ 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	1646.2857	46.07	-48.22	25.45	-71.97	-13.00	58.97	Horizontal
2	2429.1429	46.01	-47.40	27.06	-69.59	-13.00	56.59	Horizontal
3	3270.2857	44.37	-46.56	28.37	-69.08	-13.00	56.08	Horizontal
4	4412	44.33	-45.86	30.39	-66.40	-13.00	53.40	Horizontal
5	5765.7143	43.60	-44.63	32.35	-63.94	-13.00	50.94	Horizontal
6	7027.4286	42.62	-43.75	35.08	-61.31	-13.00	48.31	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1323.4286	46.90	-48.10	25.16	-71.30	-13.00	58.30	Vertical
2	1933.1429	46.65	-48.00	26.00	-70.61	-13.00	57.61	Vertical
3	2474.2857	45.53	-47.32	27.15	-69.90	-13.00	56.90	Vertical
4	3264.5714	44.12	-46.54	28.36	-69.32	-13.00	56.32	Vertical
5	4410.8571	44.13	-45.86	30.39	-66.60	-13.00	53.60	Vertical
6	5796	43.26	-44.66	32.36	-64.30	-13.00	51.30	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---