

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	22.04	3.19	23.08	<=34.77	Pass
			2	22.12	3.19	23.16	<=34.77	Pass
			5	22.06	3.19	23.10	<=34.77	Pass
		3	0	22.03	3.19	23.07	<=34.77	Pass
			2	22.07	3.19	23.11	<=34.77	Pass
			3	22.04	3.19	23.08	<=34.77	Pass
		6	0	21.16	3.19	22.20	<=34.77	Pass
	707.5	1	0	22.23	3.19	23.27	<=34.77	Pass
			2	22.29	3.19	23.33	<=34.77	Pass
			5	22.25	3.19	23.29	<=34.77	Pass
		3	0	22.28	3.19	23.32	<=34.77	Pass
			2	22.23	3.19	23.27	<=34.77	Pass
			3	22.22	3.19	23.26	<=34.77	Pass
		6	0	21.21	3.19	22.25	<=34.77	Pass
	715.3	1	0	22.38	3.19	23.42	<=34.77	Pass
			2	22.37	3.19	23.41	<=34.77	Pass
			5	22.27	3.19	23.31	<=34.77	Pass
		3	0	22.27	3.19	23.31	<=34.77	Pass
			2	22.29	3.19	23.33	<=34.77	Pass
			3	22.29	3.19	23.33	<=34.77	Pass
		6	0	21.35	3.19	22.39	<=34.77	Pass
16QAM	699.7	1	0	21.10	3.19	22.14	<=34.77	Pass
			2	21.20	3.19	22.24	<=34.77	Pass
			5	21.23	3.19	22.27	<=34.77	Pass
		3	0	21.24	3.19	22.28	<=34.77	Pass
			2	21.27	3.19	22.31	<=34.77	Pass
			3	21.28	3.19	22.32	<=34.77	Pass
		6	0	20.16	3.19	21.20	<=34.77	Pass
	707.5	1	0	21.19	3.19	22.23	<=34.77	Pass
			2	21.21	3.19	22.25	<=34.77	Pass
			5	21.19	3.19	22.23	<=34.77	Pass
		3	0	21.23	3.19	22.27	<=34.77	Pass
			2	21.20	3.19	22.24	<=34.77	Pass
			3	21.20	3.19	22.24	<=34.77	Pass
		6	0	20.18	3.19	21.22	<=34.77	Pass
	715.3	1	0	21.19	3.19	22.23	<=34.77	Pass
			2	21.25	3.19	22.29	<=34.77	Pass
			5	21.16	3.19	22.20	<=34.77	Pass
		3	0	21.50	3.19	22.54	<=34.77	Pass
			2	21.55	3.19	22.59	<=34.77	Pass
			3	21.55	3.19	22.59	<=34.77	Pass
		6	0	20.40	3.19	21.44	<=34.77	Pass
64QAM	699.7	1	0	20.80	3.19	21.84	<=34.77	Pass
			2	20.83	3.19	21.87	<=34.77	Pass
			5	20.69	3.19	21.73	<=34.77	Pass
		3	0	20.47	3.19	21.51	<=34.77	Pass
			2	20.46	3.19	21.50	<=34.77	Pass
			3	20.47	3.19	21.51	<=34.77	Pass
		6	0	19.38	3.19	20.42	<=34.77	Pass

	707.5	1	0	20.24	3.19	21.28	<=34.77	Pass
			2	20.20	3.19	21.24	<=34.77	Pass
			5	20.16	3.19	21.20	<=34.77	Pass
		3	0	20.24	3.19	21.28	<=34.77	Pass
			2	20.21	3.19	21.25	<=34.77	Pass
			3	20.25	3.19	21.29	<=34.77	Pass
		6	0	19.36	3.19	20.40	<=34.77	Pass
	715.3	1	0	20.33	3.19	21.37	<=34.77	Pass
			2	20.33	3.19	21.37	<=34.77	Pass
			5	20.35	3.19	21.39	<=34.77	Pass
		3	0	20.42	3.19	21.46	<=34.77	Pass
			2	20.43	3.19	21.47	<=34.77	Pass
			3	20.43	3.19	21.47	<=34.77	Pass
		6	0	19.45	3.19	20.49	<=34.77	Pass
256QAM	699.7	1	0	17.57	3.19	18.61	<=34.77	Pass
			2	17.50	3.19	18.54	<=34.77	Pass
			5	17.53	3.19	18.57	<=34.77	Pass
		3	0	17.19	3.19	18.23	<=34.77	Pass
			2	17.26	3.19	18.30	<=34.77	Pass
			3	17.28	3.19	18.32	<=34.77	Pass
		6	0	17.16	3.19	18.20	<=34.77	Pass
	707.5	1	0	17.10	3.19	18.14	<=34.77	Pass
			2	17.13	3.19	18.17	<=34.77	Pass
			5	17.07	3.19	18.11	<=34.77	Pass
		3	0	17.33	3.19	18.37	<=34.77	Pass
			2	17.27	3.19	18.31	<=34.77	Pass
			3	17.28	3.19	18.32	<=34.77	Pass
	6	0	17.20	3.19	18.24	<=34.77	Pass	
	715.3	1	0	17.57	3.19	18.61	<=34.77	Pass
			2	17.70	3.19	18.74	<=34.77	Pass
			5	17.66	3.19	18.70	<=34.77	Pass
		3	0	17.61	3.19	18.65	<=34.77	Pass
			2	17.68	3.19	18.72	<=34.77	Pass
			3	17.65	3.19	18.69	<=34.77	Pass
		6	0	17.58	3.19	18.62	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	22.18	3.19	23.22	<=34.77	Pass
			7	22.24	3.19	23.28	<=34.77	Pass
			14	22.16	3.19	23.20	<=34.77	Pass
		8	0	21.09	3.19	22.13	<=34.77	Pass
			4	21.13	3.19	22.17	<=34.77	Pass
			7	21.09	3.19	22.13	<=34.77	Pass
		15	0	21.14	3.19	22.18	<=34.77	Pass
	707.5	1	0	22.20	3.19	23.24	<=34.77	Pass
			7	22.18	3.19	23.22	<=34.77	Pass
			14	22.08	3.19	23.12	<=34.77	Pass
		8	0	21.16	3.19	22.20	<=34.77	Pass
			4	21.16	3.19	22.20	<=34.77	Pass
			7	21.12	3.19	22.16	<=34.77	Pass
		15	0	21.17	3.19	22.21	<=34.77	Pass
	714.5	1	0	22.33	3.19	23.37	<=34.77	Pass

		8	7	22.43	3.19	23.47	<=34.77	Pass
			14	22.35	3.19	23.39	<=34.77	Pass
			0	21.33	3.19	22.37	<=34.77	Pass
			4	21.33	3.19	22.37	<=34.77	Pass
			7	21.38	3.19	22.42	<=34.77	Pass
16QAM	700.5	1	0	21.33	3.19	22.37	<=34.77	Pass
			0	21.34	3.19	22.38	<=34.77	Pass
			7	21.46	3.19	22.50	<=34.77	Pass
		8	14	21.38	3.19	22.42	<=34.77	Pass
			0	20.28	3.19	21.32	<=34.77	Pass
			4	20.14	3.19	21.18	<=34.77	Pass
			7	20.11	3.19	21.15	<=34.77	Pass
		15	0	20.10	3.19	21.14	<=34.77	Pass
			0	21.31	3.19	22.35	<=34.77	Pass
	707.5	1	7	21.27	3.19	22.31	<=34.77	Pass
			14	21.16	3.19	22.20	<=34.77	Pass
			0	20.13	3.19	21.17	<=34.77	Pass
		8	4	20.18	3.19	21.22	<=34.77	Pass
			7	20.11	3.19	21.15	<=34.77	Pass
			0	20.08	3.19	21.12	<=34.77	Pass
		714.5	0	21.23	3.19	22.27	<=34.77	Pass
			7	21.33	3.19	22.37	<=34.77	Pass
			14	21.32	3.19	22.36	<=34.77	Pass
64QAM	700.5	1	0	20.34	3.19	21.38	<=34.77	Pass
			4	20.34	3.19	21.38	<=34.77	Pass
			7	20.35	3.19	21.39	<=34.77	Pass
		8	0	20.31	3.19	21.35	<=34.77	Pass
			0	20.59	3.19	21.63	<=34.77	Pass
			7	20.53	3.19	21.57	<=34.77	Pass
		15	14	20.51	3.19	21.55	<=34.77	Pass
			0	19.38	3.19	20.42	<=34.77	Pass
			4	19.36	3.19	20.40	<=34.77	Pass
	707.5	1	7	19.36	3.19	20.40	<=34.77	Pass
			0	19.21	3.19	20.25	<=34.77	Pass
			0	20.67	3.19	21.71	<=34.77	Pass
		8	7	20.76	3.19	21.80	<=34.77	Pass
			14	20.72	3.19	21.76	<=34.77	Pass
			0	19.31	3.19	20.35	<=34.77	Pass
		15	4	19.34	3.19	20.38	<=34.77	Pass
			7	19.30	3.19	20.34	<=34.77	Pass
			0	19.31	3.19	20.35	<=34.77	Pass
	714.5	1	0	20.22	3.19	21.26	<=34.77	Pass
			7	20.38	3.19	21.42	<=34.77	Pass
			14	20.31	3.19	21.35	<=34.77	Pass
256QAM	700.5	1	0	19.48	3.19	20.52	<=34.77	Pass
			4	19.49	3.19	20.53	<=34.77	Pass
			7	19.51	3.19	20.55	<=34.77	Pass
		8	0	19.35	3.19	20.39	<=34.77	Pass
			0	17.27	3.19	18.31	<=34.77	Pass
			7	17.39	3.19	18.43	<=34.77	Pass
		15	14	17.37	3.19	18.41	<=34.77	Pass
			0	17.30	3.19	18.34	<=34.77	Pass
			4	17.33	3.19	18.37	<=34.77	Pass
	707.5	1	7	17.31	3.19	18.35	<=34.77	Pass
			0	17.29	3.19	18.33	<=34.77	Pass
			0	17.59	3.19	18.63	<=34.77	Pass
		8	7	17.61	3.19	18.65	<=34.77	Pass
			14	17.57	3.19	18.61	<=34.77	Pass
			0	17.35	3.19	18.39	<=34.77	Pass

		15	4	17.39	3.19	18.43	<=34.77	Pass
			7	17.35	3.19	18.39	<=34.77	Pass
			0	17.32	3.19	18.36	<=34.77	Pass
	714.5	1	0	17.25	3.19	18.29	<=34.77	Pass
			7	17.23	3.19	18.27	<=34.77	Pass
			14	17.27	3.19	18.31	<=34.77	Pass
		8	0	17.40	3.19	18.44	<=34.77	Pass
			4	17.33	3.19	18.37	<=34.77	Pass
			7	17.41	3.19	18.45	<=34.77	Pass
		15	0	17.39	3.19	18.43	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	22.23	3.19	23.27	<=34.77	Pass
			13	22.27	3.19	23.31	<=34.77	Pass
			24	22.25	3.19	23.29	<=34.77	Pass
		12	0	21.17	3.19	22.21	<=34.77	Pass
			6	21.18	3.19	22.22	<=34.77	Pass
			13	21.15	3.19	22.19	<=34.77	Pass
	707.5	1	0	21.17	3.19	22.21	<=34.77	Pass
			0	22.18	3.19	23.22	<=34.77	Pass
			13	22.27	3.19	23.31	<=34.77	Pass
		12	24	22.26	3.19	23.30	<=34.77	Pass
			0	21.15	3.19	22.19	<=34.77	Pass
			6	21.22	3.19	22.26	<=34.77	Pass
16QAM	701.5	1	13	21.13	3.19	22.17	<=34.77	Pass
			25	21.12	3.19	22.16	<=34.77	Pass
			0	21.12	3.19	22.16	<=34.77	Pass
		12	0	22.20	3.19	23.24	<=34.77	Pass
			13	22.28	3.19	23.32	<=34.77	Pass
			24	22.31	3.19	23.35	<=34.77	Pass
	707.5	1	0	21.28	3.19	22.32	<=34.77	Pass
			6	21.31	3.19	22.35	<=34.77	Pass
			13	21.35	3.19	22.39	<=34.77	Pass
		12	0	21.35	3.19	22.39	<=34.77	Pass
			0	21.27	3.19	22.31	<=34.77	Pass
			13	21.37	3.19	22.41	<=34.77	Pass
16QAM	701.5	1	24	21.35	3.19	22.39	<=34.77	Pass
			0	20.16	3.19	21.20	<=34.77	Pass
			6	20.14	3.19	21.18	<=34.77	Pass
		12	13	20.11	3.19	21.15	<=34.77	Pass
			25	20.20	3.19	21.24	<=34.77	Pass
			0	20.20	3.19	21.24	<=34.77	Pass
	707.5	1	0	21.28	3.19	22.32	<=34.77	Pass
			13	21.32	3.19	22.36	<=34.77	Pass
			24	21.29	3.19	22.33	<=34.77	Pass
		12	0	20.06	3.19	21.10	<=34.77	Pass
			6	20.14	3.19	21.18	<=34.77	Pass
			13	20.05	3.19	21.09	<=34.77	Pass
	713.5	1	25	20.09	3.19	21.13	<=34.77	Pass
			0	21.39	3.19	22.43	<=34.77	Pass
			13	21.53	3.19	22.57	<=34.77	Pass
		12	24	21.49	3.19	22.53	<=34.77	Pass
			0	20.29	3.19	21.33	<=34.77	Pass
			6	20.30	3.19	21.34	<=34.77	Pass

			13	20.35	3.19	21.39	<=34.77	Pass	
		25	0	20.39	3.19	21.43	<=34.77	Pass	
64QAM	701.5	1	0	20.55	3.19	21.59	<=34.77	Pass	
			13	20.42	3.19	21.46	<=34.77	Pass	
			24	20.37	3.19	21.41	<=34.77	Pass	
			0	19.26	3.19	20.30	<=34.77	Pass	
		12	6	19.24	3.19	20.28	<=34.77	Pass	
			13	19.22	3.19	20.26	<=34.77	Pass	
			25	0	19.28	3.19	20.32	<=34.77	Pass
		707.5	1	0	20.21	3.19	21.25	<=34.77	Pass
				13	20.27	3.19	21.31	<=34.77	Pass
				24	20.17	3.19	21.21	<=34.77	Pass
	0			19.18	3.19	20.22	<=34.77	Pass	
	12		6	19.25	3.19	20.29	<=34.77	Pass	
			13	19.20	3.19	20.24	<=34.77	Pass	
			25	0	19.24	3.19	20.28	<=34.77	Pass
	713.5		1	0	20.61	3.19	21.65	<=34.77	Pass
		13		20.75	3.19	21.79	<=34.77	Pass	
		24		20.72	3.19	21.76	<=34.77	Pass	
		0		19.51	3.19	20.55	<=34.77	Pass	
		12	6	19.51	3.19	20.55	<=34.77	Pass	
			13	19.55	3.19	20.59	<=34.77	Pass	
			25	0	19.46	3.19	20.50	<=34.77	Pass
		256QAM	701.5	1	0	17.63	3.19	18.67	<=34.77
13	17.54				3.19	18.58	<=34.77	Pass	
24	17.54				3.19	18.58	<=34.77	Pass	
12	0			17.30	3.19	18.34	<=34.77	Pass	
	6			17.33	3.19	18.37	<=34.77	Pass	
	13			17.28	3.19	18.32	<=34.77	Pass	
25	0			17.29	3.19	18.33	<=34.77	Pass	
707.5	1			0	17.14	3.19	18.18	<=34.77	Pass
			13	17.19	3.19	18.23	<=34.77	Pass	
			24	17.16	3.19	18.20	<=34.77	Pass	
	12		0	17.16	3.19	18.20	<=34.77	Pass	
			6	17.26	3.19	18.30	<=34.77	Pass	
			13	17.19	3.19	18.23	<=34.77	Pass	
	25		0	17.25	3.19	18.29	<=34.77	Pass	
713.5	1		0	17.48	3.19	18.52	<=34.77	Pass	
			13	17.55	3.19	18.59	<=34.77	Pass	
			24	17.53	3.19	18.57	<=34.77	Pass	
	12		0	17.42	3.19	18.46	<=34.77	Pass	
			6	17.43	3.19	18.47	<=34.77	Pass	
			13	17.48	3.19	18.52	<=34.77	Pass	
	25		0	17.50	3.19	18.54	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	22.19	3.19	23.23	<=34.77	Pass
			25	22.23	3.19	23.27	<=34.77	Pass
			49	22.24	3.19	23.28	<=34.77	Pass
		25	0	21.14	3.19	22.18	<=34.77	Pass
			13	21.19	3.19	22.23	<=34.77	Pass
			25	21.32	3.19	22.36	<=34.77	Pass

		50	0	21.22	3.19	22.26	<=34.77	Pass	
	707.5	1	0	22.12	3.19	23.16	<=34.77	Pass	
			25	22.23	3.19	23.27	<=34.77	Pass	
			49	22.19	3.19	23.23	<=34.77	Pass	
			0	21.02	3.19	22.06	<=34.77	Pass	
		25	13	21.16	3.19	22.20	<=34.77	Pass	
			25	21.07	3.19	22.11	<=34.77	Pass	
	711	50	0	21.07	3.19	22.11	<=34.77	Pass	
		1	0	22.25	3.19	23.29	<=34.77	Pass	
			25	22.34	3.19	23.38	<=34.77	Pass	
			49	22.40	3.19	23.44	<=34.77	Pass	
		25	0	21.29	3.19	22.33	<=34.77	Pass	
			13	21.23	3.19	22.27	<=34.77	Pass	
			25	21.37	3.19	22.41	<=34.77	Pass	
			50	0	21.34	3.19	22.38	<=34.77	Pass
	16QAM	704	1	0	21.33	3.19	22.37	<=34.77	Pass
25				21.42	3.19	22.46	<=34.77	Pass	
49				21.37	3.19	22.41	<=34.77	Pass	
25			0	20.21	3.19	21.25	<=34.77	Pass	
			13	20.23	3.19	21.27	<=34.77	Pass	
			25	20.34	3.19	21.38	<=34.77	Pass	
50			0	20.22	3.19	21.26	<=34.77	Pass	
707.5		1	0	21.21	3.19	22.25	<=34.77	Pass	
			25	21.28	3.19	22.32	<=34.77	Pass	
			49	21.21	3.19	22.25	<=34.77	Pass	
		25	0	20.05	3.19	21.09	<=34.77	Pass	
			13	20.19	3.19	21.23	<=34.77	Pass	
			25	20.09	3.19	21.13	<=34.77	Pass	
		50	0	20.03	3.19	21.07	<=34.77	Pass	
711		1	0	21.13	3.19	22.17	<=34.77	Pass	
			25	21.24	3.19	22.28	<=34.77	Pass	
			49	21.25	3.19	22.29	<=34.77	Pass	
		25	0	20.29	3.19	21.33	<=34.77	Pass	
			13	20.26	3.19	21.30	<=34.77	Pass	
			25	20.34	3.19	21.38	<=34.77	Pass	
		50	0	20.30	3.19	21.34	<=34.77	Pass	
64QAM		704	1	0	20.63	3.19	21.67	<=34.77	Pass
				25	20.53	3.19	21.57	<=34.77	Pass
				49	20.52	3.19	21.56	<=34.77	Pass
	25		0	19.27	3.19	20.31	<=34.77	Pass	
			13	19.31	3.19	20.35	<=34.77	Pass	
			25	19.44	3.19	20.48	<=34.77	Pass	
	50		0	19.39	3.19	20.43	<=34.77	Pass	
	707.5	1	0	20.59	3.19	21.63	<=34.77	Pass	
			25	20.80	3.19	21.84	<=34.77	Pass	
			49	20.76	3.19	21.80	<=34.77	Pass	
		25	0	19.18	3.19	20.22	<=34.77	Pass	
			13	19.31	3.19	20.35	<=34.77	Pass	
			25	19.21	3.19	20.25	<=34.77	Pass	
		50	0	19.13	3.19	20.17	<=34.77	Pass	
	711	1	0	20.14	3.19	21.18	<=34.77	Pass	
			25	20.25	3.19	21.29	<=34.77	Pass	
			49	20.29	3.19	21.33	<=34.77	Pass	
		25	0	19.31	3.19	20.35	<=34.77	Pass	
			13	19.29	3.19	20.33	<=34.77	Pass	
			25	19.39	3.19	20.43	<=34.77	Pass	
50	0	19.43	3.19	20.47	<=34.77	Pass			
256QAM	704	1	0	17.30	3.19	18.34	<=34.77	Pass	
			25	17.37	3.19	18.41	<=34.77	Pass	

			49	17.35	3.19	18.39	<=34.77	Pass
		25	0	17.43	3.19	18.47	<=34.77	Pass
			13	17.36	3.19	18.40	<=34.77	Pass
			25	17.48	3.19	18.52	<=34.77	Pass
		50	0	17.38	3.19	18.42	<=34.77	Pass
	707.5	1	0	17.39	3.19	18.43	<=34.77	Pass
			25	17.59	3.19	18.63	<=34.77	Pass
			49	17.48	3.19	18.52	<=34.77	Pass
		25	0	17.11	3.19	18.15	<=34.77	Pass
			13	17.25	3.19	18.29	<=34.77	Pass
			25	17.19	3.19	18.23	<=34.77	Pass
		50	0	17.16	3.19	18.20	<=34.77	Pass
	711	1	0	17.16	3.19	18.20	<=34.77	Pass
			25	17.20	3.19	18.24	<=34.77	Pass
			49	17.26	3.19	18.30	<=34.77	Pass
		25	0	17.39	3.19	18.43	<=34.77	Pass
			13	17.38	3.19	18.42	<=34.77	Pass
			25	17.51	3.19	18.55	<=34.77	Pass
		50	0	17.47	3.19	18.51	<=34.77	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

2. Field Strength of Spurious Radiation

Test Band = LTE_12_TM1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399	57.24	-46.76	24.90	-59.88	-13.00	46.88	Horizontal
2	1812.5	56.53	-46.60	25.45	-59.88	-13.00	46.88	Horizontal
3	1937.5	56.74	-46.46	25.48	-59.50	-13.00	46.50	Horizontal
4	3062.5	49.70	-45.30	28.83	-62.03	-13.00	49.03	Horizontal
5	5598.5	45.03	-41.42	32.59	-59.06	-13.00	46.06	Horizontal
6	9328.5	42.56	-35.26	37.27	-50.69	-13.00	37.69	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399	54.53	-46.76	24.90	-62.59	-13.00	49.59	Vertical
2	1937.5	49.49	-46.46	25.48	-66.75	-13.00	53.75	Vertical
3	2500	48.59	-45.79	27.80	-64.66	-13.00	51.66	Vertical
4	3187.5	49.07	-44.73	28.48	-62.44	-13.00	49.44	Vertical
5	6060	44.65	-40.75	33.48	-57.88	-13.00	44.88	Vertical
6	9510	41.75	-35.04	37.80	-50.75	-13.00	37.75	Vertical

Test Band = LTE_12_TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406	57.91	-46.76	24.95	-59.16	-13.00	46.16	Horizontal
2	1812.5	56.60	-46.60	25.45	-59.81	-13.00	46.81	Horizontal
3	1937.5	56.98	-46.46	25.48	-59.26	-13.00	46.26	Horizontal
4	3187.5	49.28	-44.73	28.48	-62.23	-13.00	49.23	Horizontal
5	5966.5	44.64	-40.66	32.93	-58.35	-13.00	45.35	Horizontal
6	9347	42.20	-35.21	37.38	-50.89	-13.00	37.89	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406	53.91	-46.76	24.95	-63.16	-13.00	50.16	Vertical
2	1937.5	50.36	-46.46	25.48	-65.88	-13.00	52.88	Vertical
3	3187.5	48.68	-44.73	28.48	-62.83	-13.00	49.83	Vertical
4	5198.5	45.10	-42.08	31.90	-60.34	-13.00	47.34	Vertical
5	7693.5	42.92	-37.53	36.77	-53.10	-13.00	40.10	Vertical
6	9908.5	41.89	-35.03	38.61	-49.79	-13.00	36.79	Vertical

Test Band = LTE_12_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413	57.99	-46.76	25.00	-59.03	-13.00	46.03	Horizontal
2	1812.5	56.23	-46.60	25.45	-60.18	-13.00	47.18	Horizontal
3	1937.5	57.03	-46.46	25.48	-59.21	-13.00	46.21	Horizontal
4	3187.5	48.79	-44.73	28.48	-62.72	-13.00	49.72	Horizontal
5	5337.5	45.19	-41.68	32.13	-59.62	-13.00	46.62	Horizontal
6	8746.5	41.99	-35.66	36.79	-52.14	-13.00	39.14	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413	53.04	-46.76	25.00	-63.98	-13.00	50.98	Vertical
2	1937.5	50.69	-46.46	25.48	-65.55	-13.00	52.55	Vertical
3	3187.5	48.38	-44.73	28.48	-63.13	-13.00	50.13	Vertical
4	4918	45.62	-42.65	30.94	-61.35	-13.00	48.35	Vertical
5	7030.5	43.48	-38.91	35.97	-54.72	-13.00	41.72	Vertical
6	9326.5	42.66	-35.26	37.26	-50.60	-13.00	37.60	Vertical

Test Band = LTE CA_12A-66A _TM1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	52.82	-44.45	28.83	-58.06	-13.00	45.06	Horizontal
2	4767.5	46.72	-42.70	30.61	-60.63	-13.00	47.63	Horizontal
3	7392	44.56	-38.04	36.67	-52.07	-13.00	39.07	Horizontal
4	11530.5	44.42	-34.58	40.23	-45.19	-13.00	32.19	Horizontal
5	14804	41.77	-32.51	41.58	-44.42	-13.00	31.42	Horizontal
6	17998	40.19	-39.77	48.16	-46.68	-13.00	33.68	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3187.5	51.55	-44.02	28.48	-59.25	-13.00	46.25	Vertical
2	4328.5	47.27	-43.19	29.73	-61.45	-13.00	48.45	Vertical
3	6222.5	45.64	-40.03	33.37	-56.28	-13.00	43.28	Vertical
4	9467.5	43.03	-34.99	37.61	-49.61	-13.00	36.61	Vertical
5	13757.5	41.91	-32.47	40.37	-45.45	-13.00	32.45	Vertical
6	16679	41.37	-31.67	39.42	-46.14	-13.00	33.14	Vertical

Test Band = LTE CA_12A-66A_TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	52.03	-44.45	28.83	-58.85	-13.00	45.85	Horizontal
2	4774	46.56	-42.69	30.64	-60.75	-13.00	47.75	Horizontal
3	7428	44.55	-37.84	36.76	-51.79	-13.00	38.79	Horizontal
4	11023	43.07	-34.03	40.12	-46.10	-13.00	33.10	Horizontal
5	14797.5	41.79	-32.61	41.61	-44.47	-13.00	31.47	Horizontal
6	17999	40.61	-39.77	48.18	-46.24	-13.00	33.24	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3187.5	51.59	-44.02	28.48	-59.21	-13.00	46.21	Vertical
2	5220.5	46.40	-41.99	31.78	-59.07	-13.00	46.07	Vertical
3	8028	43.88	-36.85	36.46	-51.77	-13.00	38.77	Vertical
4	11031	43.42	-34.11	40.13	-45.82	-13.00	32.82	Vertical
5	14352.5	42.07	-33.53	41.60	-45.12	-13.00	32.12	Vertical
6	17992.5	40.32	-39.76	48.07	-46.63	-13.00	33.63	Vertical

Test Band = LTE CA_12A-66A_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3062.5	51.89	-44.45	28.83	-58.99	-13.00	45.99	Horizontal
2	4395	46.84	-43.30	30.08	-61.64	-13.00	48.64	Horizontal
3	6451.5	45.26	-40.03	33.82	-56.21	-13.00	43.21	Horizontal
4	9345.5	42.72	-35.34	37.37	-50.51	-13.00	37.51	Horizontal
5	13452.5	42.74	-32.74	39.76	-45.50	-13.00	32.50	Horizontal
6	17986.5	40.77	-39.76	47.96	-46.29	-13.00	33.29	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3187.5	51.49	-44.02	28.48	-59.31	-13.00	46.31	Vertical
2	5182	46.09	-42.06	31.86	-59.37	-13.00	46.37	Vertical
3	7675.5	44.17	-37.34	36.70	-51.73	-13.00	38.73	Vertical
4	11518.5	44.47	-34.59	40.22	-45.16	-13.00	32.16	Vertical
5	14799.5	41.79	-32.51	41.60	-44.38	-13.00	31.38	Vertical
6	17980	40.78	-39.75	47.84	-46.39	-13.00	33.39	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---