1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B30_5MHz_EIRP

Band: 30 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	21.15	-1.18	19.97	<=23.98	Pass
			13	21.30	-1.18	20.12	<=23.98	Pass
			24	21.20	-1.18	20.02	<=23.98	Pass
		12	0	20.16	-1.18	18.98	<=23.98	Pass
			6	20.18	-1.18	19	<=23.98	Pass
			13	20.09	-1.18	18.91	<=23.98	Pass
		25	0	20.14	-1.18	18.96	<=23.98	Pass
	2310	1	0	21.25	-1.18	20.07	<=23.98	Pass
			13	21.31	-1.18	20.13	<=23.98	Pass
			24	21.10	-1.18	19.92	<=23.98	Pass
		12	0	20.21	-1.18	19.03	<=23.98	Pass
			6	20.15	-1.18	18.97	<=23.98	Pass
			13	20.15	-1.18	18.97	<=23.98	Pass
		25	0	20.18	-1.18	19	<=23.98	Pass
	2312.5	1	0	21.27	-1.18	20.09	<=23.98	Pass
			13	21.40	-1.18	20.22	<=23.98	Pass
			24	21.30	-1.18	20.12	<=23.98	Pass
		12	0	20.23	-1.18	19.05	<=23.98	Pass
			6	20.22	-1.18	19.04	<=23.98	Pass
			13	20.18	-1.18	19	<=23.98	Pass
		25	0	20.15	-1.18	18.97	<=23.98	Pass
16QAM	2307.5	1	0	20.06	-1.18	18.88	<=23.98	Pass
			13	19.98	-1.18	18.8	<=23.98	Pass
			24	19.69	-1.18	18.51	<=23.98	Pass
		12	0	19.25	-1.18	18.07	<=23.98	Pass
			6	19.30	-1.18	18.12	<=23.98	Pass
			13	19.13	-1.18	17.95	<=23.98	Pass
		25	0	19.05	-1.18	17.87	<=23.98	Pass
	2310	1	0	20.15	-1.18	18.97	<=23.98	Pass
			13	20.10	-1.18	18.92	<=23.98	Pass
			24	20.05	-1.18	18.87	<=23.98	Pass
		12	0	19.22	-1.18	18.04	<=23.98	Pass
			6	19.24	-1.18	18.06	<=23.98	Pass
			13	19.16	-1.18	17.98	<=23.98	Pass
		25	0	19.18	-1.18	18	<=23.98	Pass
	2312.5	1	0	20.07	-1.18	18.89	<=23.98	Pass
			13	20.06	-1.18	18.88	<=23.98	Pass
			24	19.94	-1.18	18.76	<=23.98	Pass
		12	0	19.24	-1.18	18.06	<=23.98	Pass
			6	19.24	-1.18	18.06	<=23.98	Pass
			13	19.22	-1.18	18.04	<=23.98	Pass
		25	0	19.19	-1.18	18.01	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B30_5MHz_EIRP/10MHz

Band: 30 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/10MHz (dBm/5MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	20.95	-1.18	19.77	<=23.98	Pass
			13	21.21	-1.18	20.03	<=23.98	Pass
			24	21.11	-1.18	19.93	<=23.98	Pass
		12	0	20.10	-1.18	18.92	<=23.98	Pass
			6	20.09	-1.18	18.91	<=23.98	Pass
			13	20.02	-1.18	18.84	<=23.98	Pass
		25	0	20.04	-1.18	18.86	<=23.98	Pass
	2310	1	0	21.32	-1.18	20.14	<=23.98	Pass
			13	21.12	-1.18	19.94	<=23.98	Pass
			24	21.00	-1.18	19.82	<=23.98	Pass
		12	0	20.11	-1.18	18.93	<=23.98	Pass
			6	20.06	-1.18	18.88	<=23.98	Pass
			13	20.08	-1.18	18.9	<=23.98	Pass
		25	0	20.04	-1.18	18.86	<=23.98	Pass
	2312.5	1	0	21.20	-1.18	20.02	<=23.98	Pass
			13	21.35	-1.18	20.17	<=23.98	Pass
			24	21.26	-1.18	20.08	<=23.98	Pass
		12	0	20.11	-1.18	18.93	<=23.98	Pass
			6	20.16	-1.18	18.98	<=23.98	Pass
			13	20.09	-1.18	18.91	<=23.98	Pass
		25	0	20.06	-1.18	18.88	<=23.98	Pass
16QAM	2307.5	1	0	20.03	-1.18	18.85	<=23.98	Pass
			13	19.88	-1.18	18.7	<=23.98	Pass
			24	19.65	-1.18	18.47	<=23.98	Pass
		12	0	19.09	-1.18	17.91	<=23.98	Pass
			6	19.16	-1.18	17.98	<=23.98	Pass
			13	19.05	-1.18	17.87	<=23.98	Pass
		25	0	18.97	-1.18	17.79	<=23.98	Pass
	2310	1	0	19.81	-1.18	18.63	<=23.98	Pass
			13	19.98	-1.18	18.8	<=23.98	Pass
			24	19.86	-1.18	18.68	<=23.98	Pass
		12	0	19.07	-1.18	17.89	<=23.98	Pass
			6	19.16	-1.18	17.98	<=23.98	Pass
			13	19.02	-1.18	17.84	<=23.98	Pass
		25	0	19.11	-1.18	17.93	<=23.98	Pass
	2312.5	1	0	20.02	-1.18	18.84	<=23.98	Pass
			13	19.97	-1.18	18.79	<=23.98	Pass
			24	19.91	-1.18	18.73	<=23.98	Pass
		12	0	19.15	-1.18	17.97	<=23.98	Pass
			6	19.18	-1.18	18	<=23.98	Pass
			13	19.16	-1.18	17.98	<=23.98	Pass
		25	0	19.04	-1.18	17.86	<=23.98	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.1.3 B30_10MHz_EIRP

Band: 30 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	21.17	-1.18	19.99	<=23.98	Pass
			25	21.37	-1.18	20.19	<=23.98	Pass
			49	21.25	-1.18	20.07	<=23.98	Pass
		25	0	20.20	-1.18	19.02	<=23.98	Pass

			13	20.11	-1.18	18.93	<=23.98	Pass
			25	20.25	-1.18	19.07	<=23.98	Pass
		50	0	20.20	-1.18	19.02	<=23.98	Pass
16QAM	2310	1	0	20.16	-1.18	18.98	<=23.98	Pass
			25	20.36	-1.18	19.18	<=23.98	Pass
			49	20.21	-1.18	19.03	<=23.98	Pass
		25	0	19.25	-1.18	18.07	<=23.98	Pass
			13	19.30	-1.18	18.12	<=23.98	Pass
			25	19.32	-1.18	18.14	<=23.98	Pass
		50	0	19.21	-1.18	18.03	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B30_10MHz_EIRP/10MHz

Band: 30 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/5MHz)	Gain (dBi)	EIRP/10MHz (dBm/5MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	20.68	-1.18	19.5	<=23.98	Pass
			25	20.82	-1.18	19.64	<=23.98	Pass
			49	20.81	-1.18	19.63	<=23.98	Pass
		25	0	19.62	-1.18	18.44	<=23.98	Pass
			13	19.62	-1.18	18.44	<=23.98	Pass
			25	19.71	-1.18	18.53	<=23.98	Pass
		50	0	19.64	-1.18	18.46	<=23.98	Pass
16QAM	2310	1	0	19.55	-1.18	18.37	<=23.98	Pass
			25	19.91	-1.18	18.73	<=23.98	Pass
			49	19.66	-1.18	18.48	<=23.98	Pass
		25	0	18.61	-1.18	17.43	<=23.98	Pass
			13	18.72	-1.18	17.54	<=23.98	Pass
			25	18.71	-1.18	17.53	<=23.98	Pass
		50	0	18.62	-1.18	17.44	<=23.98	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

2. Field Strength of Spurious Radiation

LTE Band 30 10M_ Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4611.18	45.57	-48.00	30.35	-67.34	-40.00	27.34	Horizontal
2	6916.77	45.06	-46.71	35.37	-61.54	-40.00	21.54	Horizontal
3	9222.36	41.05	-43.39	37.71	-59.89	-40.00	19.89	Horizontal
4	11527.95	40.73	-39.98	39.45	-55.06	-40.00	15.06	Horizontal
5	13833.54	41.11	-38.91	40.05	-53.01	-40.00	13.01	Horizontal
6	16139.13	42.11	-37.96	38.46	-52.66	-40.00	12.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4611.18	45.14	-48.00	30.35	-67.77	-40.00	27.77	Vertical
2	6916.77	45.22	-46.71	35.37	-61.38	-40.00	21.38	Vertical
3	9222.36	40.52	-43.39	37.71	-60.42	-40.00	20.42	Vertical
4	11527.95	40.97	-39.98	39.45	-54.82	-40.00	14.82	Vertical
5	13833.54	40.97	-38.91	40.05	-53.15	-40.00	13.15	Vertical
6	16139.13	43.43	-37.96	38.46	-51.34	-40.00	11.34	Vertical

LTE Band 30 5M_Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4610.68	45.41	-48.00	30.34	-67.50	-40.00	27.50	Horizontal
2	6916.02	46.08	-46.71	35.37	-60.52	-40.00	20.52	Horizontal
3	9221.36	39.64	-43.40	37.71	-61.31	-40.00	21.31	Horizontal
4	11526.7	41.39	-39.98	39.45	-54.40	-40.00	14.40	Horizontal
5	13832.04	41.00	-38.92	40.05	-53.13	-40.00	13.13	Horizontal
6	16137.38	42.56	-37.97	38.46	-52.21	-40.00	12.21	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4610.68	45.43	-48.00	30.34	-67.48	-40.00	27.48	Vertical
2	6916.02	45.20	-46.71	35.37	-61.40	-40.00	21.40	Vertical
3	9221.36	40.22	-43.40	37.71	-60.73	-40.00	20.73	Vertical
4	11526.7	40.96	-39.98	39.45	-54.83	-40.00	14.83	Vertical
5	13832.04	40.97	-38.92	40.05	-53.16	-40.00	13.16	Vertical
6	16137.38	42.52	-37.97	38.46	-52.25	-40.00	12.25	Vertical

LTE Band 30 5M_Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4615.68	45.41	-47.99	30.36	-67.49	-40.00	27.49	Horizontal
2	6923.52	45.13	-46.70	35.38	-61.45	-40.00	21.45	Horizontal
3	9231.36	40.63	-43.33	37.72	-60.24	-40.00	20.24	Horizontal
4	11539.2	41.73	-39.95	39.45	-54.03	-40.00	14.03	Horizontal
5	13847.04	41.47	-38.88	40.07	-52.60	-40.00	12.60	Horizontal
6	16154.88	43.33	-37.91	38.46	-51.38	-40.00	11.38	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4615.68	45.63	-47.99	30.36	-67.27	-40.00	27.27	Vertical
2	6923.52	44.93	-46.70	35.38	-61.65	-40.00	21.65	Vertical
3	9231.36	40.86	-43.33	37.72	-60.01	-40.00	20.01	Vertical
4	11539.2	41.20	-39.95	39.45	-54.56	-40.00	14.56	Vertical
5	13847.04	40.66	-38.88	40.07	-53.41	-40.00	13.41	Vertical
6	16154.88	42.09	-37.91	38.46	-52.62	-40.00	12.62	Vertical

LTE Band 30 5M_High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4620.68	45.23	-47.99	30.37	-67.66	-40.00	27.66	Horizontal
2	6931.02	45.21	-46.69	35.39	-61.35	-40.00	21.35	Horizontal
3	9241.32	41.39	-43.27	37.74	-59.40	-40.00	19.40	Horizontal
4	11551.7	41.39	-39.91	39.44	-54.33	-40.00	14.33	Horizontal
5	13862.04	42.12	-38.84	40.09	-51.88	-40.00	11.88	Horizontal
6	16172.38	42.45	-37.85	38.47	-52.19	-40.00	12.19	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4620.68	45.15	-47.99	30.37	-67.74	-40.00	27.74	Vertical
2	6931.02	44.77	-46.69	35.39	-61.79	-40.00	21.79	Vertical
3	9241.32	41.25	-43.27	37.74	-59.54	-40.00	19.54	Vertical
4	11551.7	41.59	-39.91	39.44	-54.13	-40.00	14.13	Vertical
5	13862.04	40.84	-38.84	40.09	-53.16	-40.00	13.16	Vertical
6	16172.38	42.65	-37.85	38.47	-51.99	-40.00	11.99	Vertical