LTE Band 66 / 5MHz **Lowest Channel / 64QAM** Middle Channel / 64QAM Spectrum Spectrum Offset 12.70 dB Mode Auto Sweep Offset 12.70 dB Mode Auto Sweep Ref Level 0.00 dBm Ref Level 0.00 dBm SGL Count 100/100 SGL Count 100/100 SPURIOUS SPURIOUS -10 dine INE ABS LINE_ABS 30 dBm -30 dBm -40 dBm 40 dBm 60 dBr -60 dBm -70 dBm 70 dBm -80 dBm-80 dBm Stop 18.0 GHz Start 30.0 MHz Stop 18.0 GHz Start 30.0 MHz 39006 rious Emission Spurious Emissions 927.04398 MHz 1.68583 GHz 2.93004 GHz 6.99592 GHz 12.38283 GHz 17.10778 GHz Power Abs
-46.34 dBm
-46.04 dBm
-44.61 dBm
-37.55 dBm
-44.59 dBm
-42.29 dBm ΔLimit
-33.34 dB
-33.04 dB
-31.61 dB
-24.55 dB
-31.59 dB
-29.29 dB RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 999.75762 MHz 1.69843 GHz 2.25227 GHz 6.99942 GHz 12.38133 GHz 17.11362 GHz Power Abs -46.45 dBm -45.99 dBm -45.02 dBm -37.67 dBm -44.57 dBm -42.61 dBm Range Low 30.000 MHz Range Up RBW Range Low 30.000 MHz Range Up ΔLimit 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz -33.45 dB -32.99 dB -32.02 dB -24.67 dB -31.57 dB -29.61 dB 1.000 GHz 1.700 GHz 3.000 GHz 9.000 GHz 13.000 GHz 18.000 GHz 30.000 MHz 1.000 GHz 1.790 GHz 3.000 GHz 9.000 GHz 13.000 GHz 1.000 GHz 1.700 GHz 3.000 GHz 9.000 GHz 1.000 GHz 1.790 GHz 13.000 GHz 18.000 GHz 9.000 GHz 13.000 GHz ate: 29.JUN.2019 03:22:15 Date: 29.JUN.2019 03:23:41 **Highest Channel / 64QAM** Spectrum Ref Level 0.00 dBm Offset 12.70 dB Mode Auto Sweep 40 dBm 70 dBn -80 dBm Stop 18.0 GHz rious Emissions RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz Range Low 30.000 MHz -46.25 dBm -45.94 dBm -44.94 dBm -35.33 dBm -44.55 dBm -42.37 dBm te: 29.JUN.2019 03:27:14

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LTE Band 66 / 10MHz **Lowest Channel / 64QAM** Middle Channel / 64QAM Spectrum Spectrum Offset 12.70 dB Mode Auto Sweep Offset 12.70 dB Mode Auto Sweep Ref Level 0.00 dBm Ref Level 0.00 dBm SGL Count 100/100 SGL Count 100/100 SPURIOUS SPURIOUS -10 dine INE ABS LINE_ABS 30 dBm -30 dBm 40 dBm 40 dBm 60 dBr -60 dBm -70 dBm 70 dBm -80 dBm-80 dBm Stop 18.0 GHz Start 30.0 MHz Stop 18.0 GHz Start 30.0 MHz 39006 rious Emission Spurious Emissions Frequency
591.10695 MHz
1.69703 GHz
2.95948 GHz
6.99642 GHz
12.37833 GHz
17.10320 GHz Power Abs
-46.46 dBm
-45.86 dBm
-44.67 dBm
-37.82 dBm
-44.57 dBm
-42.33 dBm RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 935.76962 MHz 1.69528 GHz 2.97399 GHz 6.99242 GHz 12.35083 GHz 16.64490 GHz Power Abs
-46.56 dBm
-45.86 dBm
-44.82 dBm
-37.87 dBm
-44.40 dBm
-42.29 dBm Range Low 30.000 MHz Range Up RBW ΔLimit Range Low 30.000 MHz Range Up ΔLimit 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz -33.46 dB -32.86 dB -31.67 dB -24.82 dB -31.57 dB -29.33 dB -33.56 dB -32.86 dB -31.82 dB -24.87 dB -31.40 dB -29.29 dB 1.000 GHz 1.700 GHz 3.000 GHz 9.000 GHz 13.000 GHz 18.000 GHz 1.000 GHz 1.700 GHz 3.000 GHz 9.000 GHz 13.000 GHz 18.000 GHz 30.000 MHz 1.000 GHz 1.790 GHz 3.000 GHz 9.000 GHz 13.000 GHz 1.000 GHz 1.790 GHz 9.000 GHz 13.000 GHz ate: 29.JUN.2019 04:04:56 Date: 29.JUN.2019 04:06:21 **Highest Channel / 64QAM** Spectrum Ref Level 0.00 dBm Offset 12.70 dB Mode Auto Sweep SGL Count 100/100 ●1 AvgPwr
Limit check
-10 dene SPURIOUS _LINE_ABS_ 40 dBm 70 dBn -80 dBm Stop 18.0 GHz rious Emissions RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz Prequency 964.37031 MHz 1.69983 GHz 2.99012 GHz 4.86909 GHz 12.35633 GHz 17.10903 GHz Range Low 30.000 MHz -46.67 dBm -45.64 dBm -44.96 dBm -36.60 dBm -44.48 dBm

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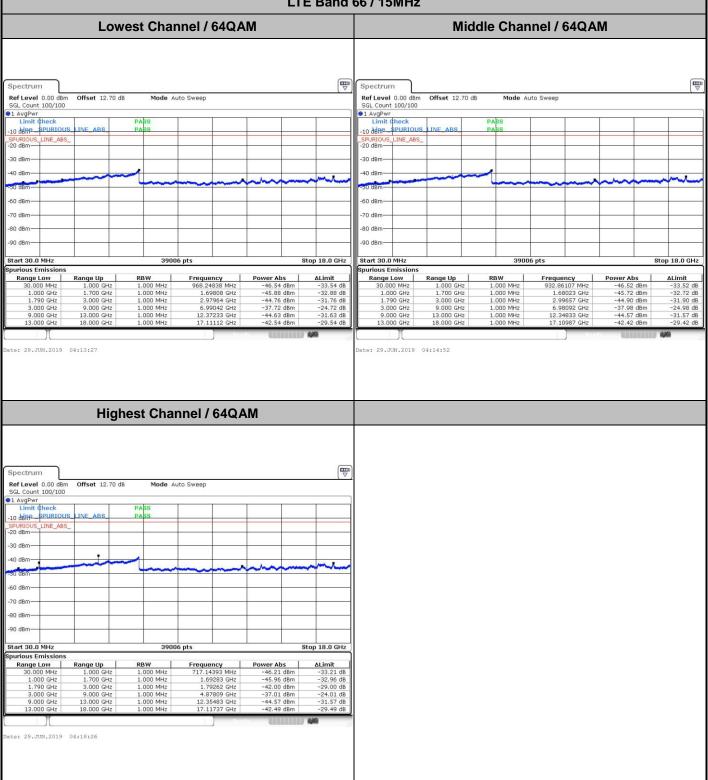
FAX: 886-3-328-4978

te: 29.JUN.2019 04:09:54

LTE Band 66 / 15MHz

Lowest Channel / 640 AM

Middle Channel / 640 AM



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rious Emissions

te: 29.JUN.2019 05:01:05

Range Low 30.000 MHz RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 877.11394 MHz 1.69668 GHz 2.98851 GHz 6.99442 GHz 12.36683 GHz 17.11278 GHz

LTE Band 66 / 20MHz **Lowest Channel / 64QAM** Middle Channel / 64QAM Spectrum Spectrum Offset 12.70 dB Mode Auto Sweep Offset 12.70 dB Mode Auto Sweep Ref Level 0.00 dBm Ref Level 0.00 dBm SGL Count 100/100 SGL Count 100/100 SPURIOUS SPURIOUS -10 dine INE ABS LINE_ABS 30 dBm -30 dBm -40 dBm 40 dBm 60 dBr -60 dBm -70 dBm 70 dBm -80 dBm-80 dBm Start 30.0 MHz Stop 18.0 GHz Start 30.0 MHz 39000 Stop 18.0 GHz Frequency 85207 MHz rious Emissior Spurious Emissions ΔLimit
-33.41 dB
-32.82 dB
-32.01 dB
-24.93 dB
-31.70 dB
-29.40 dB RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 979.39780 MHz 1.69808 GHz 2.20469 GHz 6.98642 GHz 12.38533 GHz 16.63907 GHz Power Abs -46.41 dBm -46.09 dBm -45.00 dBm -37.53 dBm -44.37 dBm -42.54 dBm Range Low 30.000 MHz Range Up RBW Power Abs Range Low 30.000 MHz Range Up ΔLimit 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz -46.41 dBm -45.82 dBm -45.01 dBm -37.93 dBm -44.70 dBm -42.40 dBm -33.41 dB -33.09 dB -32.00 dB -24.53 dB -31.37 dB -29.54 dB 1.000 GHz 1.700 GHz 3.000 GHz 9.000 GHz 13.000 GHz 18.000 GHz 1.000 GHz 1.700 GHz 3.000 GHz 9.000 GHz 13.000 GHz 18.000 GHz 80.85207 MHz 1.65645 GHz 2.99052 GHz 6.99892 GHz 12.35183 GHz 17.10862 GHz 30.000 MHz 1.000 GHz 1.790 GHz 3.000 GHz 9.000 GHz 13.000 GHz 1.000 MHz 1.000 GHz 1.790 GHz 3.000 GHz 9.000 GHz 13.000 GHz ate: 29.JUN.2019 04:56:07 Date: 29.JUN.2019 04:57:32 **Highest Channel / 64QAM** Spectrum Ref Level 0.00 dBm Offset 12.70 dB Mode Auto Sweep SGL Count 100/100 ●1 AvgPwr
Limit check
-10 dene SPURIOUS _LINE_ABS_ 30 dBm 40 dBm 70 dBn -80 dBm

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Stop 18.0 GHz

Frequency Stability

Test (Conditions	LTE Band 66 (QPSK) / Middle Channel	Limit
T	Valta aa	BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0025	
40	Normal Voltage	0.0053	
30	Normal Voltage	0.0061	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0095	PASS
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

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Note:

- 1. Normal Voltage =3.8 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.

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Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

	LTE Band 2 / 1.4MHz (Average) (GT - LC = 1.64 dB)										
Channel	Mode	R	B	Cond	ucted	EIRP					
Chamilei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		3	1	23.99	0.2506	25.63	0.3656				
Middle	QPSK	3	1	24.26	0.2667	25.90	0.3890				
Highest		3	1	24.31	0.2698	25.95	0.3936				
Lowest		1	3	23.33	0.2153	24.97	0.3141				
Middle	16QAM	1	3	23.61	0.2296	25.25	0.3350				
Highest		1	3	23.26	0.2118	24.90	0.3090				
Lowest		1	3	22.24	0.1675	23.88	0.2443				
Middle	64QAM	1	3	22.54	0.1795	24.18	0.2618				
Highest		1	3	22.49	0.1774	24.13	0.2588				
Limit	EIRP <	2W		Re	sult	PA	SS				

	LTE Band 2 / 3MHz (Average) (GT - LC = 1.64 dB)										
Channel	Mode	R	В	Cond	ucted	EIRP					
Chaine	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	8	24.07	0.2553	25.71	0.3724				
Middle	QPSK	1	8	24.26	0.2667	25.90	0.3890				
Highest		1	8	24.18	0.2618	25.82	0.3819				
Lowest		1	0	23.42	0.2198	25.06	0.3206				
Middle	16QAM	1	0	23.63	0.2307	25.27	0.3365				
Highest		1	0	23.51	0.2244	25.15	0.3273				
Lowest		1	8	22.36	0.1722	24.00	0.2512				
Middle	64QAM	1	8	22.59	0.1816	24.23	0.2649				
Highest		1	8	22.55	0.1799	24.19	0.2624				
Limit	EIRP <	2W	_	Result		PASS					

	LTE Band 2 / 5MHz (Average) (GT - LC = 1.64 dB)										
Channel	Mode	F	RB	Cond	ucted	EIRP					
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	12	24.03	0.2529	25.67	0.3690				
Middle	QPSK	1	12	24.27	0.2673	25.91	0.3899				
Highest		1	12	24.15	0.2600	25.79	0.3793				
Lowest		1	12	23.44	0.2208	25.08	0.3221				
Middle	16QAM	1	12	23.60	0.2291	25.24	0.3342				
Highest		1	12	23.57	0.2275	25.21	0.3319				
Lowest		1	12	22.32	0.1706	23.96	0.2489				
Middle	64QAM	1	12	22.58	0.1811	24.22	0.2642				
Highest		1	12	22.55	0.1799	24.19	0.2624				
Limit	EIRP <	2W		Re	sult	PA	SS				



FCC RADIO TEST REPORT

	LTE Band 2 / 10MHz (Average) (GT - LC = 1.64 dB)										
Channel	Mode	R	В	Cond	ucted	EIRP					
Chaine	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	25	24.09	0.2564	25.73	0.3741				
Middle	QPSK	1	25	24.25	0.2661	25.89	0.3882				
Highest		1	25	24.15	0.2600	25.79	0.3793				
Lowest		1	0	23.43	0.2203	25.07	0.3214				
Middle	16QAM	1	0	23.61	0.2296	25.25	0.3350				
Highest		1	0	23.46	0.2218	25.10	0.3236				
Lowest		1	25	22.36	0.1722	24.00	0.2512				
Middle	64QAM	1	25	22.55	0.1799	24.19	0.2624				
Highest		1	25	22.57	0.1807	24.21	0.2636				
Limit	EIRP <	2W		Re	sult	PA	SS				

	LTE Band 2 / 15MHz (Average) (GT - LC = 1.64 dB)										
Channel	Mode	R	В	Cond	ucted	EIRP					
Chainei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	0	24.01	0.2518	25.65	0.3673				
Middle	QPSK	1	0	24.16	0.2606	25.80	0.3802				
Highest		1	0	24.20	0.2630	25.84	0.3837				
Lowest		1	37	23.40	0.2188	25.04	0.3192				
Middle	16QAM	1	37	23.62	0.2301	25.26	0.3357				
Highest		1	37	23.52	0.2249	25.16	0.3281				
Lowest		1	37	22.34	0.1714	23.98	0.2500				
Middle	64QAM	1	37	22.62	0.1828	24.26	0.2667				
Highest		1	37	22.60	0.1820	24.24	0.2655				
Limit	EIRP <	2W		Re	sult	PASS					

	LTE Band 2 / 20MHz (Average) (GT - LC = 1.64 dB)									
Channel	Mode	R	В	Cond	lucted	EIRP				
Chainlei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)			
Lowest		1	49	24.10	0.2570	25.74	0.3750			
Middle	QPSK	1	49	24.27	0.2673	25.91	0.3899			
Highest		1	49	24.25	0.2661	25.89	0.3882			
Lowest		1	0	23.48	0.2228	25.12	0.3251			
Middle	16QAM	1	0	23.65	0.2317	25.29	0.3381			
Highest		1	0	23.53	0.2254	25.17	0.3289			
Lowest		1	49	22.37	0.1726	24.01	0.2518			
Middle	64QAM	1	49	22.62	0.1828	24.26	0.2667			
Highest		1	49	22.60	0.1820	24.24	0.2655			
Limit	EIRP <	2W		Re	sult	PA	SS			

Highest

Limit

LTE Band 25 / 1.4MHz (Average) (GT - LC = 1.88 dB)										
Channel	Mode	R	В	Cond	ucted	EII	RP			
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)			
Lowest		3	3	23.98	0.2500	25.86	0.3855			
Middle	QPSK	3	3	24.19	0.2624	26.07	0.4046			
Highest		3	3	24.10	0.2570	25.98	0.3963			
Lowest		1	3	23.40	0.2188	25.28	0.3373			
Middle	16QAM	1	3	23.57	0.2275	25.45	0.3508			
Highest		1	3	23.39	0.2183	25.27	0.3365			
Lowest		1	3	22.31	0.1702	24.19	0.2624			
Middle	64QAM	1	3	22.48	0.1770	24.36	0.2729			

3

EIRP < 2W

22.34

0.1714

Result

24.22

0.2642

PASS

	LTE Band 25 / 3MHz (Average) (GT - LC = 1.88 dB)										
Channel	Mode	RB		Cond	ucted	EIRP					
Chamilei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	0	24.00	0.2512	25.88	0.3873				
Middle	QPSK	1	0	24.19	0.2624	26.07	0.4046				
Highest		1	0	24.04	0.2535	25.92	0.3908				
Lowest		1	8	23.41	0.2193	25.29	0.3381				
Middle	16QAM	1	8	23.58	0.2280	25.46	0.3516				
Highest		1	8	23.39	0.2183	25.27	0.3365				
Lowest		1	8	22.35	0.1718	24.23	0.2649				
Middle	64QAM	1	8	22.48	0.1770	24.36	0.2729				
Highest		1	8	22.36	0.1722	24.24	0.2655				
Limit	EIRP <	2W		Re	sult	PASS					

	LTE Band 25 / 5MHz (Average) (GT - LC = 1.88 dB)										
Channel	Mode	R	В	Cond	ucted	EIRP					
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	12	24.10	0.2570	25.98	0.3963				
Middle	QPSK	1	12	24.22	0.2642	26.10	0.4074				
Highest		1	12	24.12	0.2582	26.00	0.3981				
Lowest		1	12	23.39	0.2183	25.27	0.3365				
Middle	16QAM	1	12	23.61	0.2296	25.49	0.3540				
Highest		1	12	23.34	0.2158	25.22	0.3327				
Lowest		1	12	22.35	0.1718	24.23	0.2649				
Middle	64QAM	1	12	22.51	0.1782	24.39	0.2748				
Highest		1	12	22.38	0.1730	24.26	0.2667				
Limit	EIRP <	2W		Re	sult	PA	SS				

	LTE Band 25 / 10MHz (Average) (GT - LC = 1.88 dB)									
Channel	Mode	R	В	Conducted		EIRP				
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)			
Lowest		1	25	24.15	0.2600	26.03	0.4009			
Middle	QPSK	1	25	24.23	0.2649	26.11	0.4083			
Highest		1	25	24.09	0.2564	25.97	0.3954			
Lowest		1	25	23.41	0.2193	25.29	0.3381			
Middle	16QAM	1	25	23.60	0.2291	25.48	0.3532			
Highest		1	25	23.34	0.2158	25.22	0.3327			
Lowest		1	0	22.47	0.1766	24.35	0.2723			
Middle	64QAM	1	0	22.41	0.1742	24.29	0.2685			
Highest		1	0	22.34	0.1714	24.22	0.2642			
Limit	EIRP <	2W		Re	sult	PA	SS			

	LTE Band 25 / 15MHz (Average) (GT - LC = 1.88 dB)										
Channel	Mode	R	RB	Cond	ucted	EII	RP				
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	0	23.97	0.2495	25.85	0.3846				
Middle	QPSK	1	0	24.14	0.2594	26.02	0.3999				
Highest		1	0	24.06	0.2547	25.94	0.3926				
Lowest		1	0	23.45	0.2213	25.33	0.3412				
Middle	16QAM	1	0	23.51	0.2244	25.39	0.3459				
Highest		1	0	23.36	0.2168	25.24	0.3342				
Lowest		1	37	22.38	0.1730	24.26	0.2667				
Middle	64QAM	1	37	22.52	0.1786	24.40	0.2754				
Highest		1	37	22.39	0.1734	24.27	0.2673				
Limit	EIRP <	2W		Re	sult	PASS					

	LTE Band	d 25 / 20	MHz (A	verage) (GT -	LC = 1.88 dB)	
Channel	Mode	RB		Conducted		EIRP	
Chainlei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	0	24.15	0.2600	26.03	0.4009
Middle	QPSK	1	0	24.28	0.2679	26.16	0.4130
Highest		1	0	24.16	0.2606	26.04	0.4018
Lowest		1	49	23.47	0.2223	25.35	0.3428
Middle	16QAM	1	49	23.61	0.2296	25.49	0.3540
Highest		1	49	23.42	0.2198	25.30	0.3388
Lowest		1	49	22.42	0.1746	24.30	0.2692
Middle	64QAM	1	49	22.53	0.1791	24.41	0.2761
Highest		1	49	22.43	0.1750	24.31	0.2698
Limit	EIRP <	2W		Re	sult	PA	SS

Limit

	LTE Dan	al A / A A	NALI— (Ass	LTE Band 4 / 1.4MHz (Average) (GT - LC = 2.32 dB)											
	LIE Ban														
Channel	Mode	R	<u>B</u>	Cond	ucted	EII	RP								
Ondinio	modo	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)								
Lowest		1	3	21.07	0.1279	23.39	0.2183								
Middle	QPSK	1	3	21.24	0.1330	23.56	0.2270								
Highest		1	3	21.16	0.1306	23.48	0.2228								
Lowest		1	3	20.47	0.1114	22.79	0.1901								
Middle	16QAM	1	3	20.64	0.1159	22.96	0.1977								
Highest		1	3	20.55	0.1135	22.87	0.1936								
Lowest	64QAM	1	3	19.38	0.0867	21.70	0.1479								
Middle		1	3	19.53	0.0897	21.85	0.1531								
Highest		1	3	19.48	0.0887	21.80	0.1514								

Result

EIRP < 1W

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PASS

	LTE Bar	nd 4 / 3N	/IHz (Ave	erage) (GT - L	.C = 2.32 dB)		
Channel	Mode	R	В	Cond	ucted	EIRP	
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	8	21.05	0.1274	23.37	0.2173
Middle	QPSK	1	8	21.24	0.1330	23.56	0.2270
Highest		1	8	21.13	0.1297	23.45	0.2213
Lowest		1	0	20.46	0.1112	22.78	0.1897
Middle	16QAM	1	0	20.55	0.1135	22.87	0.1936
Highest		1	0	20.67	0.1167	22.99	0.1991
Lowest		1	0	19.39	0.0869	21.71	0.1483
Middle	64QAM	1	0	19.50	0.0891	21.82	0.1521
Highest		1	0	19.62	0.0916	21.94	0.1563
Limit	EIRP <	1W		Re	sult	PASS	

	LTE Bar	nd 4 / 5N	1Hz (Ave	erage) (GT - L	C = 2.32 dB)		
Channel	Mode	RB		Cond	lucted	EIRP	
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	0	21.11	0.1291	23.43	0.2203
Middle	QPSK	1	0	21.13	0.1297	23.45	0.2213
Highest		1	0	21.28	0.1343	23.60	0.2291
Lowest		1	0	20.49	0.1119	22.81	0.1910
Middle	16QAM	1	0	20.56	0.1138	22.88	0.1941
Highest		1	0	20.60	0.1148	22.92	0.1959
Lowest		1	0	19.46	0.0883	21.78	0.1507
Middle	64QAM	1	0	19.55	0.0902	21.87	0.1538
Highest		1	0	19.55	0.0902	21.87	0.1538
Limit	EIRP <	1W		Re	sult	PASS	

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	LTE Ban	d 4 / 10l	VIHz (Av	erage) (GT - I	LC = 2.32 dB)		
Channel	Mode	RB		Cond	ucted	EIRP	
Chainlei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	0	21.10	0.1288	23.42	0.2198
Middle	QPSK	1	0	21.15	0.1303	23.47	0.2223
Highest		1	0	21.29	0.1346	23.61	0.2296
Lowest		1	0	20.45	0.1109	22.77	0.1892
Middle	16QAM	1	0	20.60	0.1148	22.92	0.1959
Highest		1	0	20.70	0.1175	23.02	0.2004
Lowest		1	0	19.39	0.0869	21.71	0.1483
Middle	64QAM	1	0	19.53	0.0897	21.85	0.1531
Highest		1	0	19.63	0.0918	21.95	0.1567
Limit	EIRP <	1W		Re	sult	PA	SS

	LTE Band 4 / 15MHz (Average) (GT - LC = 2.32 dB)											
Channel	Mode	RB		Cond	ucted	EIRP						
Chainei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	21.01	0.1262	23.33	0.2153					
Middle	QPSK	1	0	21.17	0.1309	23.49	0.2234					
Highest		1	0	21.24	0.1330	23.56	0.2270					
Lowest		1	0	20.44	0.1107	22.76	0.1888					
Middle	16QAM	1	0	20.57	0.1140	22.89	0.1945					
Highest		1	0	20.65	0.1161	22.97	0.1982					
Lowest		1	0	19.44	0.0879	21.76	0.1500					
Middle	64QAM	1	0	19.55	0.0902	21.87	0.1538					
Highest		1	0	19.63	0.0918	21.95	0.1567					
Limit	EIRP <	1W		Re	sult	PASS						

	LTE Ban	d 4 / 20l	MHz (Av	erage) (GT - I	LC = 2.32 dB)		
Channel	Mode	RB		Conducted		EIRP	
Chaine	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	0	21.11	0.1291	23.43	0.2203
Middle	QPSK	1	0	21.23	0.1327	23.55	0.2265
Highest		1	0	21.29	0.1346	23.61	0.2296
Lowest		1	0	20.50	0.1122	22.82	0.1914
Middle	16QAM	1	0	20.60	0.1148	22.92	0.1959
Highest		1	0	20.70	0.1175	23.02	0.2004
Lowest		1	0	19.48	0.0887	21.80	0.1514
Middle	64QAM	1	0	19.56	0.0904	21.88	0.1542
Highest		1	0	19.63	0.0918	21.95	0.1567
Limit	EIRP <	1W		Re	sult	PASS	

	LTE Band 5 / 1.4MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	R	В	Cond	ucted	ERP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	3	24.67	0.2931	22.83	0.1919					
Middle	QPSK	1	3	24.40	0.2754	22.56	0.1803					
Highest		1	3	24.46	0.2793	22.62	0.1828					
Lowest		1	3	23.87	0.2438	22.03	0.1596					
Middle	16QAM	1	3	23.88	0.2443	22.04	0.1600					
Highest		1	3	23.75	0.2371	21.91	0.1552					
Lowest		3	1	22.89	0.1945	21.05	0.1274					
Middle	64QAM	3	1	22.82	0.1914	20.98	0.1253					
Highest		3	1	22.66	0.1845	20.82	0.1208					
Limit	ERP <	7W		Re	sult	PASS						

	LTE Band 5 / 3MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	R	B	Cond	ucted	ERP						
Chainei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	14	24.60	0.2884	22.76	0.1888					
Middle	QPSK	1	14	24.45	0.2786	22.61	0.1824					
Highest		1	14	24.39	0.2748	22.55	0.1799					
Lowest		1	0	23.96	0.2489	22.12	0.1629					
Middle	16QAM	1	0	23.86	0.2432	22.02	0.1592					
Highest		1	0	23.77	0.2382	21.93	0.1560					
Lowest		1	0	22.84	0.1923	21.00	0.1259					
Middle	64QAM	1	0	22.88	0.1941	21.04	0.1271					
Highest		1	0	22.69	0.1858	20.85	0.1216					
Limit	ERP <	7W		Re	sult	PASS						

	LTE Band 5 / 5MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	RB		Conducted		ERP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	0	24.63	0.2904	22.79	0.1901					
Middle	QPSK	1	0	24.68	0.2938	22.84	0.1923					
Highest		1	0	24.49	0.2812	22.65	0.1841					
Lowest		1	0	24.03	0.2529	22.19	0.1656					
Middle	16QAM	1	0	23.96	0.2489	22.12	0.1629					
Highest		1	0	23.82	0.2410	21.98	0.1578					
Lowest		1	0	22.93	0.1963	21.09	0.1285					
Middle	64QAM	1	0	22.88	0.1941	21.04	0.1271					
Highest		1	0	22.73	0.1875	20.89	0.1227					
Limit	ERP <	7W		Re	sult	PASS						



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	LTE Band 5 / 10MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	R	В	Cond	lucted	ERP						
Channel	lviode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	0	24.64	0.2911	22.80	0.1905					
Middle	QPSK	1	0	24.68	0.2938	22.84	0.1923					
Highest]	1	0	24.54	0.2844	22.70	0.1862					
Lowest		1	0	24.03	0.2529	22.19	0.1656					
Middle	16QAM	1	0	23.96	0.2489	22.12	0.1629					
Highest		1	0	23.87	0.2438	22.03	0.1596					
Lowest		1	0	22.93	0.1963	21.09	0.1285					
Middle	64QAM	1	0	22.94	0.1968	21.10	0.1288					
Highest		1	0	22.76	0.1888	20.92	0.1236					
Limit	ERP <	7W		Re	sult	PASS						

	LTE Band 7 / 5MHz (Average) (GT - LC = 3.72 dB)											
Channel	Mode	RB		Cond	ucted	EIRP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	24.00	21.88	0.1542	25.60	0.3631					
Middle	QPSK	1.00	24.00	21.94	0.1563	25.66	0.3681					
Highest		1.00	24.00	22.03	0.1596	25.75	0.3758					
Lowest		1.00	24.00	21.06	0.1276	24.78	0.3006					
Middle	16QAM	1.00	24.00	21.37	0.1371	25.09	0.3228					
Highest		1.00	24.00	21.42	0.1387	25.14	0.3266					
Lowest		1.00	24.00	19.83	0.0962	23.55	0.2265					
Middle	64QAM	1.00	24.00	20.24	0.1057	23.96	0.2489					
Highest		1.00	24.00	20.48	0.1117	24.20	0.2630					
Limit	EIRP <	2W	•	Result		PASS						

	LTE Band 7 / 10MHz (Average) (GT - LC = 3.72 dB)											
Channel	Mode	RB		Cond	ucted	EIRP						
Chaine	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	49	21.96	0.1570	25.68	0.3698					
Middle	QPSK	1.00	49	21.98	0.1578	25.70	0.3715					
Highest		1.00	49	22.04	0.1600	25.76	0.3767					
Lowest		1.00	0.00	21.20	0.1318	24.92	0.3105					
Middle	16QAM	1.00	0.00	20.92	0.1236	24.64	0.2911					
Highest		1.00	0.00	21.42	0.1387	25.14	0.3266					
Lowest		1.00	49	19.83	0.0962	23.55	0.2265					
Middle	64QAM	1.00	49	20.19	0.1045	23.91	0.2460					
Highest		1.00	49	20.48	0.1117	24.20	0.2630					
Limit	EIRP <	2W		Re	sult	PASS						

	LTE Band 7 / 15MHz (Average) (GT - LC = 3.72 dB)											
Channel	Mode	R	В	Cond	lucted	EIRP						
Chainlei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	74.00	21.89	0.1545	25.61	0.3639					
Middle	QPSK	1.00	74.00	21.93	0.1560	25.65	0.3673					
Highest		1.00	74.00	22.10	0.1622	25.82	0.3819					
Lowest		1.00	74.00	21.03	0.1268	24.75	0.2985					
Middle	16QAM	1.00	74.00	21.27	0.1340	24.99	0.3155					
Highest		1.00	74.00	21.39	0.1377	25.11	0.3243					
Lowest		1.00	74.00	19.79	0.0953	23.51	0.2244					
Middle	64QAM	1.00	74.00	20.18	0.1042	23.90	0.2455					
Highest		1.00	74.00	20.39	0.1094	24.11	0.2576					
Limit	EIRP <	2W		Re	sult	PASS						



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	LTE Band 7 / 20MHz (Average) (GT - LC = 3.72 dB)												
Channel	Mode	RB		Cond	ucted	EIRP							
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)						
Lowest		1.00	99.00	22.03	0.1596	25.75	0.3758						
Middle	QPSK	1.00	99.00	21.99	0.1581	25.71	0.3724						
Highest		1.00	99.00	22.13	0.1633	25.85	0.3846						
Lowest		1.00	99.00	21.34	0.1361	25.06	0.3206						
Middle	16QAM	1.00	99.00	21.32	0.1355	25.04	0.3192						
Highest		1.00	99.00	21.51	0.1416	25.23	0.3334						
Lowest		1.00	99.00	20.30	0.1072	24.02	0.2523						
Middle	64QAM	1.00	99.00	20.26	0.1062	23.98	0.2500						
Highest		1.00	99.00	20.44	0.1107	24.16	0.2606						
Limit	EIRP <	2W		Result		PASS							

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	LTE Band 12 / 1.4MHz (Average) (GT - LC = 0.01 dB)											
Channel	Mode	RB		Conducted		ERP						
Chainlei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	3	24.07	0.2553	21.93	0.1560					
Middle	QPSK	1	3	24.05	0.2541	21.91	0.1552					
Highest		1	3	23.88	0.2443	21.74	0.1493					
Lowest		1	3	23.41	0.2193	21.27	0.1340					
Middle	16QAM	1	3	23.42	0.2198	21.28	0.1343					
Highest		1	3	23.43	0.2203	21.29	0.1346					
Lowest		1	3	22.38	0.1730	20.24	0.1057					
Middle	64QAM	1	3	22.35	0.1718	20.21	0.1050					
Highest		1	3	22.34	0.1714	20.20	0.1047					
Limit	ERP <	3W		Re	sult	PASS						

	LTE Band 12 / 3MHz (Average) (GT - LC = 0.01 dB)											
Channel	Mode	RB		Cond	ucted	ERP						
Chainei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	14	24.14	0.2594	22.00	0.1585					
Middle	QPSK	1	14	24.05	0.2541	21.91	0.1552					
Highest		1	14	24.07	0.2553	21.93	0.1560					
Lowest		1	8	23.51	0.2244	21.37	0.1371					
Middle	16QAM	1	8	23.45	0.2213	21.31	0.1352					
Highest		1	8	23.45	0.2213	21.31	0.1352					
Lowest		1	8	22.44	0.1754	20.30	0.1072					
Middle	64QAM	1	8	22.37	0.1726	20.23	0.1054					
Highest		1	8	22.35	0.1718	20.21	0.1050					
Limit	ERP < 3W			Re	sult	PASS						

	LTE Band 12 / 5MHz (Average) (GT - LC = 0.01 dB)											
Channel	Mode	R	В	Cond	ucted	ERP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	24	24.09	0.2564	21.95	0.1567					
Middle	QPSK	1	24	23.97	0.2495	21.83	0.1524					
Highest		1	24	24.10	0.2570	21.96	0.1570					
Lowest		1	12	23.50	0.2239	21.36	0.1368					
Middle	16QAM	1	12	23.54	0.2259	21.40	0.1380					
Highest		1	12	23.45	0.2213	21.31	0.1352					
Lowest		1	12	22.44	0.1754	20.30	0.1072					
Middle	64QAM	1	12	22.36	0.1722	20.22	0.1052					
Highest		1	12	22.33	0.1710	20.19	0.1045					
Limit	ERP <	3W		Re	sult	PASS						



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	LTE Band 12 / 10MHz (Average) (GT - LC = 0.01 dB)											
Channel	Mode	RB		Cond	ucted	ERP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	49	24.14	0.2594	22.00	0.1585					
Middle	QPSK	1	49	24.07	0.2553	21.93	0.1560					
Highest		1	49	24.12	0.2582	21.98	0.1578					
Lowest		1	25	23.59	0.2286	21.45	0.1396					
Middle	16QAM	1	25	23.54	0.2259	21.40	0.1380					
Highest		1	25	23.46	0.2218	21.32	0.1355					
Lowest		1	25	22.52	0.1786	20.38	0.1091					
Middle	64QAM	1	25	22.42	0.1746	20.28	0.1067					
Highest		1	25	22.41	0.1742	20.27	0.1064					
Limit	ERP < 3W			Re	sult	PASS						



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	LTE Band 13 / 5MHz (Average) (GT - LC = -1.28 dB)											
Channel	Mode	RB		Cond	ucted	ERP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	24	23.12	0.2051	19.69	0.0931					
Middle	QPSK	1	24	23.22	0.2099	19.79	0.0953					
Highest		1	24	23.12	0.2051	19.69	0.0931					
Lowest		1	12	22.60	0.1820	19.17	0.0826					
Middle	16QAM	1	12	22.60	0.1820	19.17	0.0826					
Highest		1	12	22.54	0.1795	19.11	0.0815					
Lowest		1	12	21.52	0.1419	18.09	0.0644					
Middle	64QAM	1	12	21.58	0.1439	18.15	0.0653					
Highest		1	12	21.51	0.1416	18.08	0.0643					
Limit	ERP <	3W		Re	sult	PASS						

	LTE Band 13 / 10MHz (Average) (GT - LC = -1.28 dB)										
Channel	Mode	RB		Cond	ucted	ERP					
Chamilei	Iviode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)				
Lowest		-	-	-	-	-	-				
Middle	QPSK	1	49	23.32	0.2148	19.89	0.0975				
Highest		-	-	-	-	-	-				
Lowest		-	-	-	-	-	-				
Middle	16QAM	1	49	22.66	0.1845	19.23	0.0838				
Highest		-	-	-	-	-	-				
Lowest		-	-	-	-	-	-				
Middle	64QAM	1	25	21.59	0.1442	18.16	0.0655				
Highest		-	-	-	-	-	-				
Limit	ERP <	3W		Re	sult	PASS					

	LTE Band 41 / 5MHz (Average) (GT - LC = 3.72 dB)											
Channel	Mada	R	B	Cond	ucted	EIRP						
Channel	Mode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	24.00	22.35	0.1718	26.07	0.4046					
Middle	QPSK	1.00	24.00	22.52	0.1786	26.24	0.4207					
Highest		1.00	24.00	22.01	0.1589	25.73	0.3741					
Lowest		1.00	24.00	21.58	0.1439	25.30	0.3388					
Middle	16QAM	1.00	24.00	21.86	0.1535	25.58	0.3614					
Highest		1.00	24.00	21.41	0.1384	25.13	0.3258					
Lowest		1.00	24.00	20.48	0.1117	24.20	0.2630					
Middle	64QAM	1.00	24.00	20.76	0.1191	24.48	0.2805					
Highest		1.00	24.00	20.33	0.1079	24.05	0.2541					
Limit	EIRP <	2W		Result		PASS						

	LTE Band 41 / 10MHz (Average) (GT - LC = 3.72 dB)											
Channel	Mode	R	В	Cond	ucted	EIRP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	0.00	22.36	0.1722	26.08	0.4055					
Middle	QPSK	1.00	0.00	22.39	0.1734	26.11	0.4083					
Highest		1.00	0.00	22.57	0.1807	26.29	0.4256					
Lowest		1.00	0.00	21.58	0.1439	25.30	0.3388					
Middle	16QAM	1.00	0.00	21.77	0.1503	25.49	0.3540					
Highest		1.00	0.00	22.15	0.1641	25.87	0.3864					
Lowest		1.00	0.00	20.48	0.1117	24.20	0.2630					
Middle	64QAM	1.00	0.00	20.67	0.1167	24.39	0.2748					
Highest		1.00	0.00	21.00	0.1259	24.72	0.2965					
Limit	EIRP <	2W		Re	sult	PASS						

	LTE Band 41 / 15MHz (Average) (GT - LC = 3.72 dB)											
Channel	Mode	R	В	Cond	ucted	EIRP						
Chainei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	74.00	22.59	0.1816	26.31	0.4276					
Middle	QPSK	1.00	74.00	22.73	0.1875	26.45	0.4416					
Highest		1.00	74.00	22.12	0.1629	25.84	0.3837					
Lowest		1.00	74.00	21.86	0.1535	25.58	0.3614					
Middle	16QAM	1.00	74.00	22.03	0.1596	25.75	0.3758					
Highest		1.00	74.00	21.59	0.1442	25.31	0.3396					
Lowest		1.00	74.00	20.77	0.1194	24.49	0.2812					
Middle	64QAM	1.00	74.00	20.97	0.1250	24.69	0.2944					
Highest		1.00	74.00	20.44	0.1107	24.16	0.2606					
Limit	EIRP <	2W		Re	sult	PASS						



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	LTE Band 41 / 20MHz (Average) (GT - LC = 3.72 dB)											
Channel	Mode	RB		Cond	ucted	EIRP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	0.00	22.50	0.1778	26.22	0.4188					
Middle	QPSK	1.00	0.00	22.78	0.1897	26.50	0.4467					
Highest		1.00	0.00	24.00	0.2512	27.72	0.5916					
Lowest		1.00	0.00	21.71	0.1483	25.43	0.3491					
Middle	16QAM	1.00	0.00	21.93	0.1560	25.65	0.3673					
Highest		1.00	0.00	23.00	0.1995	26.72	0.4699					
Lowest		1.00	0.00	20.60	0.1148	24.32	0.2704					
Middle	64QAM	1.00	0.00	20.84	0.1213	24.56	0.2858					
Highest		1.00	0.00	21.86	0.1535	25.58	0.3614					
Limit	EIRP <	2W		Result		PASS						

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	LTE Band 26 / 1.4MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	RB		Cond	lucted	ERP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		3	1	24.43	0.2773	22.59	0.1816					
Middle	QPSK	3	1	24.73	0.2972	22.89	0.1945					
Highest		3	1	24.80	0.3020	22.96	0.1977					
Lowest		1	3	23.88	0.2443	22.04	0.1600					
Middle	16QAM	1	3	23.95	0.2483	22.11	0.1626					
Highest		1	3	24.02	0.2523	22.18	0.1652					
Lowest		1	3	22.83	0.1919	20.99	0.1256					
Middle	64QAM	1	3	22.90	0.1950	21.06	0.1276					
Highest		1	3	22.98	0.1986	21.14	0.1300					
Limit	ERP <	7W		Re	sult	PASS						

	LTE Band 26 / 3MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	RB		Cond	ucted	ERP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	0	24.56	0.2858	22.72	0.1871					
Middle	QPSK	1	0	24.78	0.3006	22.94	0.1968					
Highest		1	0	24.71	0.2958	22.87	0.1936					
Lowest		1	0	23.90	0.2455	22.06	0.1607					
Middle	16QAM	1	0	24.08	0.2559	22.24	0.1675					
Highest		1	0	24.03	0.2529	22.19	0.1656					
Lowest		1	8	22.94	0.1968	21.10	0.1288					
Middle	64QAM	1	8	22.93	0.1963	21.09	0.1285					
Highest		1	8	23.09	0.2037	21.25	0.1334					
Limit	ERP <	ERP < 7W			sult	PASS						

	LTE Band 26 / 5MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	R	В	Conducted		ERP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	12	24.69	0.2944	22.85	0.1928					
Middle	QPSK	1	12	24.74	0.2979	22.90	0.1950					
Highest		1	12	24.68	0.2938	22.84	0.1923					
Lowest		1	0	23.89	0.2449	22.05	0.1603					
Middle	16QAM	1	0	24.09	0.2564	22.25	0.1679					
Highest		1	0	24.01	0.2518	22.17	0.1648					
Lowest		1	12	22.91	0.1954	21.07	0.1279					
Middle	64QAM	1	12	22.98	0.1986	21.14	0.1300					
Highest		1	12	23.06	0.2023	21.22	0.1324					
Limit	ERP <	7W		Re	sult	PASS						



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	LTE Band 26 / 10MHz (Average) (GT - LC = 0.31 dB)											
Channel	Mode	R	В	Cond	ucted	ERP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	49	24.62	0.2897	22.78	0.1897					
Middle	QPSK	1	49	24.71	0.2958	22.87	0.1936					
Highest		1	49	24.78	0.3006	22.94	0.1968					
Lowest		1	0	23.87	0.2438	22.03	0.1596					
Middle	16QAM	1	0	24.13	0.2588	22.29	0.1694					
Highest		1	0	24.05	0.2541	22.21	0.1663					
Lowest		1	25	22.91	0.1954	21.07	0.1279					
Middle	64QAM	1	25	22.90	0.1950	21.06	0.1276					
Highest		1	25	23.07	0.2028	21.23	0.1327					
Limit	ERP <	7W		Re	sult	PASS						

	LTE Band 26 / 15MHz (Average) (GT - LC = 0.31 dB)											
Channal	Mode	RB		Cond	ucted	ERP						
Channel	Iviode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	0	24.66	0.2924	22.82	0.1914					
Middle	QPSK	1	0	24.81	0.3027	22.97	0.1982					
Highest		1	0	24.77	0.2999	22.93	0.1963					
Lowest		1	0	23.97	0.2495	22.13	0.1633					
Middle	16QAM	1	0	24.13	0.2588	22.29	0.1694					
Highest	1	1	0	24.10	0.2570	22.26	0.1683					
Lowest		1	37	22.98	0.1986	21.14	0.1300					
Middle	64QAM	1	37	23.00	0.1995	21.16	0.1306					
Highest		1	37	23.14	0.2061	21.30	0.1349					
Limit	ERP <	ERP < 7W			sult	PASS						

	LTE Band 38 / 5MHz (Peak) (GT - LC = 2.43 dB)										
Channel	Mode	R	В	Cond	ucted	EIRP					
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1.00	12.00	23.07	0.2028	25.50	0.3548				
Middle	QPSK	1.00	12.00	23.05	0.2018	25.48	0.3532				
Highest		1.00	12.00	22.84	0.1923	25.27	0.3365				
Lowest		1.00	24.00	22.34	0.1714	24.77	0.2999				
Middle	16QAM	1.00	24.00	22.49	0.1774	24.92	0.3105				
Highest		1.00	24.00	22.32	0.1706	24.75	0.2985				
Lowest		1.00	24.00	21.30	0.1349	23.73	0.2360				
Middle	64QAM	1.00	24.00	21.45	0.1396	23.88	0.2443				
Highest		1.00	24.00	21.20	0.1318	23.63	0.2307				
Limit	EIRP <	2W		Re	sult	PASS					

	LTE Band 38 / 10MHz (Peak) (GT - LC = 2.43 dB)											
Channel	Mode	R	В	Cond	ucted	EIRP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	49	23.10	0.2042	25.53	0.3573					
Middle	QPSK	1.00	49	23.16	0.2070	25.59	0.3622					
Highest		1.00	49	22.81	0.1910	25.24	0.3342					
Lowest		1.00	25	22.34	0.1714	24.77	0.2999					
Middle	16QAM	1.00	25	22.52	0.1786	24.95	0.3126					
Highest		1.00	25	22.25	0.1679	24.68	0.2938					
Lowest		1.00	49	21.35	0.1365	23.78	0.2388					
Middle	64QAM	1.00	49	21.41	0.1384	23.84	0.2421					
Highest		1.00	49	21.12	0.1294	23.55	0.2265					
Limit	EIRP <	2W		Result		PASS						

	LTE Band 38 / 15MHz (Peak) (GT - LC = 2.43 dB)											
Channel	Mode	R	В	Cond	ucted	EIRP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	74.00	23.18	0.2080	25.61	0.3639					
Middle	QPSK	1.00	74.00	23.23	0.2104	25.66	0.3681					
Highest		1.00	74.00	22.97	0.1982	25.40	0.3467					
Lowest		1.00	0.00	22.30	0.1698	24.73	0.2972					
Middle	16QAM	1.00	0.00	22.56	0.1803	24.99	0.3155					
Highest		1.00	0.00	22.46	0.1762	24.89	0.3083					
Lowest		1.00	74.00	21.38	0.1374	23.81	0.2404					
Middle	64QAM	1.00	74.00	21.48	0.1406	23.91	0.2460					
Highest		1.00	74.00	21.25	0.1334	23.68	0.2333					
Limit	EIRP <	2W		Re	sult	PASS						



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	LTE Band 38 / 20MHz (Peak) (GT - LC = 2.43 dB)											
	LIE Da		B	, , <u>, , , , , , , , , , , , , , , , , </u>	ucted		RP					
Channel	Mode	-					KP					
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1.00	99.00	23.32	0.2148	25.75	0.3758					
Middle	QPSK	1.00	99.00	23.16	0.2070	25.59	0.3622					
Highest		1.00	99.00	23.08	0.2032	25.51	0.3556					
Lowest		1.00	49.00	22.46	0.1762	24.89	0.3083					
Middle	16QAM	1.00	49.00	22.63	0.1832	25.06	0.3206					
Highest		1.00	49.00	22.45	0.1758	24.88	0.3076					
Lowest		1.00	99.00	21.51	0.1416	23.94	0.2477					
Middle	64QAM	1.00	99.00	21.48	0.1406	23.91	0.2460					
Highest		1.00	99.00	21.30	0.1349	23.73	0.2360					
Limit	EIRP <	: 2W		Re	sult	PASS						

PORTON LAB. FCC RADIO TEST REPORT

	LTE Band 66 / 1.4MHz (Average) (GT - LC = 2.32 dB)											
Channel	Mode	RB		Cond	ucted	EIRP						
Chainei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1	3	21.62	0.1452	23.94	0.2477					
Middle	QPSK	1	3	21.88	0.1542	24.20	0.2630					
Highest		1	3	21.60	0.1445	23.92	0.2466					
Lowest		1	3	21.04	0.1271	23.36	0.2168					
Middle	16QAM	1	3	21.24	0.1330	23.56	0.2270					
Highest		1	3	20.93	0.1239	23.25	0.2113					
Lowest		1	3	19.96	0.0991	22.28	0.1690					
Middle	64QAM	1	3	20.16	0.1038	22.48	0.1770					
Highest		1	3	19.88	0.0973	22.20	0.1660					
Limit	EIRP <	1W		Re	sult	PASS						

	LTE Band 66 / 3MHz (Average) (GT - LC = 2.32 dB)											
Channel	Mode	RB		Cond	ucted	EIRP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1	8	21.80	0.1514	24.12	0.2582					
Middle	QPSK	1	8	21.97	0.1574	24.29	0.2685					
Highest		1	8	21.69	0.1476	24.01	0.2518					
Lowest		1	8	21.18	0.1312	23.50	0.2239					
Middle	16QAM	1	8	21.30	0.1349	23.62	0.2301					
Highest		1	8	20.96	0.1247	23.28	0.2128					
Lowest		1	0	20.03	0.1007	22.35	0.1718					
Middle	64QAM	1	0	20.20	0.1047	22.52	0.1786					
Highest		1	0	19.98	0.0995	22.30	0.1698					
Limit	EIRP <	1W		Re	sult	PASS						

	LTE Band 66 / 5MHz (Average) (GT - LC = 2.32 dB)											
Channel	Mode	R	В	Cond	ucted	EIRP						
Channel	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1	12	21.79	0.1510	24.11	0.2576					
Middle	QPSK	1	12	21.98	0.1578	24.30	0.2692					
Highest		1	12	21.67	0.1469	23.99	0.2506					
Lowest		1	12	21.18	0.1312	23.50	0.2239					
Middle	16QAM	1	12	21.31	0.1352	23.63	0.2307					
Highest		1	12	21.01	0.1262	23.33	0.2153					
Lowest		1	12	20.06	0.1014	22.38	0.1730					
Middle	64QAM	1	12	20.22	0.1052	22.54	0.1795					
Highest		1	12	19.91	0.0979	22.23	0.1671					
Limit	EIRP <	1W		Re	sult	PASS						



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	LTE Band 66 / 10MHz (Average) (GT - LC = 2.32 dB)											
Channel	Mode	R	В	Cond	ucted	EIRP						
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1	25	21.76	0.1500	24.08	0.2559					
Middle	QPSK	1	25	21.92	0.1556	24.24	0.2655					
Highest		1	25	21.67	0.1469	23.99	0.2506					
Lowest		1	25	21.17	0.1309	23.49	0.2234					
Middle	16QAM	1	25	21.34	0.1361	23.66	0.2323					
Highest		1	25	21.05	0.1274	23.37	0.2173					
Lowest		1	25	20.00	0.1000	22.32	0.1706					
Middle	64QAM	1	25	20.27	0.1064	22.59	0.1816					
Highest		1	25	19.88	0.0973	22.20	0.1660					
Limit	EIRP < 1W			Re	sult	PASS						

	LTE Band 66 / 15MHz (Average) (GT - LC = 2.32 dB)											
Channel	Mode	R	B	Cond	ucted	EIRP						
Chamilei	Wiode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	21.73	0.1489	24.05	0.2541					
Middle	QPSK	1	0	21.89	0.1545	24.21	0.2636					
Highest		1	0	21.67	0.1469	23.99	0.2506					
Lowest		1	37	21.18	0.1312	23.50	0.2239					
Middle	16QAM	1	37	21.27	0.1340	23.59	0.2286					
Highest		1	37	20.97	0.1250	23.29	0.2133					
Lowest		1	37	19.97	0.0993	22.29	0.1694					
Middle	64QAM	1	37	20.27	0.1064	22.59	0.1816					
Highest		1	37	19.93	0.0984	22.25	0.1679					
Limit	EIRP < 1W			Re	sult	PASS						

	LTE Band 66 / 20MHz (Average) (GT - LC = 2.32 dB)										
Channel	Mode	R	В	Cond	lucted	EIRP					
Chainlei	Wode	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)				
Lowest		1	0	21.80	0.1514	24.12	0.2582				
Middle	QPSK	1	0	21.95	0.1567	24.27	0.2673				
Highest		1	0	21.76	0.1500	24.08	0.2559				
Lowest		1	49	21.22	0.1324	23.54	0.2259				
Middle	16QAM	1	49	21.36	0.1368	23.68	0.2333				
Highest		1	49	21.06	0.1276	23.38	0.2178				
Lowest		1	49	20.07	0.1016	22.39	0.1734				
Middle	64QAM	1	49	20.27	0.1064	22.59	0.1816				
Highest		1	49	19.95	0.0989	22.27	0.1687				
Limit	EIRP <	1W		Re	sult	PASS					

Radiated Spurious Emission

LTE Band 2

Report No.: FG911635B

	LTE Band 2 / 1.4MHz / QPSK											
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	3702	-45.54	-13	-32.54	-63.64	-56.75	1.41	12.62	Н			
	5551	-49.20	-13	-36.20	-72.2	-60.76	1.74	13.30	Н			
	7404	-45.10	-13	-32.10	-71.92	-54.42	1.94	11.25	Н			
									Н			
									Н			
Lowest									Н			
Lowest	3702	-45.71	-13	-32.71	-63.95	-56.92	1.41	12.62	V			
	5551	-49.38	-13	-36.38	-71.9	-60.94	1.74	13.30	V			
	7404	-44.61	-13	-31.61	-71.29	-53.93	1.94	11.25	V			
									V			
									V			
									V			
	3762	-47.54	-13	-34.54	-65.83	-58.77	1.43	12.66	Н			
	5640	-49.32	-13	-36.32	-72.35	-60.89	1.73	13.30	Н			
	7518	-45.88	-13	-32.88	-72.32	-54.99	1.99	11.10	Н			
									Н			
									Н			
Middle									Н			
Middle	3762	-50.09	-13	-37.09	-68.58	-61.32	1.43	12.66	V			
	5640	-49.54	-13	-36.54	-72.17	-61.11	1.73	13.30	V			
	7518	-45.70	-13	-32.70	-72.11	-54.81	1.99	11.10	V			
									V			
									V			
									V			
	3816	-49.88	-13	-36.88	-68.41	-60.06	2.03	12.21	Н			
	5727	-48.94	-13	-35.94	-72.4	-59.36	2.10	12.52	Н			
	7362	-45.20	-13	-32.20	-72.08	-53.25	2.20	10.25	Н			
									Н			
									Н			
المام ما الل									Н			
Highest	3816	-51.77	-13	-38.77	-70.54	-61.95	2.03	12.21	V			
	5727	-49.56	-13	-36.56	-72.38	-59.98	2.10	12.52	V			
	7362	-45.11	-13	-32.11	-71.81	-53.16	2.20	10.25	V			
									V			
									V			
									V			

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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Report No.: FG911635B

	LTE Band 25 / 20MHz / QPSK										
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)		
	3720	-49.12	-13	-36.12	-67.29	-60.33	1.42	12.63	Н		
	5580	-48.88	-13	-35.88	-71.84	-60.44	1.74	13.30	Н		
	7440	-45.43	-13	-32.43	-72.12	-54.67	1.96	11.20	Н		
									Н		
									Н		
Lowest									Н		
Lowest	3720	-46.95	-13	-33.95	-65.28	-58.16	1.42	12.63	V		
	5580	-49.16	-13	-36.16	-71.7	-60.72	1.74	13.30	V		
	7440	-45.34	-13	-32.34	-71.94	-54.58	1.96	11.20	V		
									V		
									V		
									V		
	3762	-46.71	-13	-33.71	-65	-57.94	1.43	12.66	Н		
	5640	-49.37	-13	-36.37	-72.4	-60.94	1.73	13.30	Н		
	7518	-45.86	-13	-32.86	-72.3	-54.97	1.99	11.10	Н		
									Н		
									Н		
Middle									Н		
Middle	3762	-50.21	-13	-37.21	-68.7	-61.44	1.43	12.66	V		
	5640	-49.60	-13	-36.60	-72.23	-61.17	1.73	13.30	V		
	7518	-45.59	-13	-32.59	-72	-54.70	1.99	11.10	V		
									V		
									V		
									V		
	3810	-49.31	-13	-36.31	-67.79	-60.56	1.44	12.69	Н		
	5712	-48.94	-13	-35.94	-72.3	-60.51	1.73	13.30	Н		
	7620	-46.22	-13	-33.22	-72.28	-55.34	2.01	11.12	Н		
									Н		
									Н		
Highest									Н		
riigiicat	3810	-50.61	-13	-37.61	-69.36	-61.86	1.44	12.69	V		
	5712	-49.77	-13	-36.77	-72.54	-61.34	1.73	13.30	V		
	7620	-45.81	-13	-32.81	-71.8	-54.93	2.01	11.12	V		
									V		
									V		
									V		

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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Report No.: FG911635B

	LTE Band 4 / 20MHz / QPSK											
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	3420	-48.51	-13	-35.51	-64.69	-59.47	1.35	12.31	Н			
	5135	-50.47	-13	-37.47	-72.17	-61.61	1.65	12.79	Н			
	6843	-47.13	-13	-34.13	-72.59	-57.51	1.74	12.12	Н			
									Н			
									Н			
Lowest									Н			
Lowest	3420	-55.67	-13	-42.67	-72.27	-66.63	1.35	12.31	V			
	5135	-52.25	-13	-39.25	-73.7	-63.39	1.65	12.79	V			
	6843	-49.03	-13	-36.03	-74.08	-59.41	1.74	12.12	V			
									V			
									V			
									V			
	3448	-47.94	-13	-34.94	-64.43	-58.96	1.35	12.38	Н			
	5170	-50.42	-13	-37.42	-72.14	-61.60	1.65	12.84	Н			
	6892	-46.79	-13	-33.79	-72.5	-57.11	1.74	12.05	Н			
									Н			
									Н			
Middle									Н			
Middle	3448	-54.96	-13	-41.96	-71.84	-65.98	1.35	12.38	V			
	5170	-52.26	-13	-39.26	-73.77	-63.44	1.65	12.84	V			
	6892	-48.70	-13	-35.70	-73.98	-59.02	1.74	12.05	V			
									V			
									V			
									V			
	3469	-50.26	-13	-37.26	-66.92	-61.33	1.35	12.43	Н			
	5205	-50.73	-13	-37.73	-72.46	-61.95	1.66	12.89	Н			
	6941	-46.38	-13	-33.38	-72.26	-56.63	1.73	11.98	Н			
									Н			
									Н			
Highest									Н			
riigiiest	3469	-55.63	-13	-42.63	-72.67	-66.70	1.35	12.43	V			
	5205	-52.08	-13	-39.08	-73.65	-63.30	1.66	12.89	V			
	6941	-48.54	-13	-35.54	-73.96	-58.79	1.73	11.98	V			
									V			
									V			
									V			

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

TEL: 886-3-327-3456 Page Number: B2-3 of 12

Report No.: FG911635B

	LTE Band 66 / 20MHz / QPSK											
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	3441	-46.05	-13	-33.05	-62.55	-57.06	1.35	12.36	Н			
	5163	-50.27	-13	-37.27	-72	-61.45	1.65	12.83	Н			
	6879	-46.78	-13	-33.78	-72.4	-57.11	1.74	12.07	Н			
									Н			
									Н			
Lowest									Н			
Lowest	3441	-55.48	-13	-42.48	-72.37	-66.49	1.35	12.36	V			
	5163	-52.14	-13	-39.14	-73.66	-63.32	1.65	12.83	V			
	6879	-48.41	-13	-35.41	-73.61	-58.74	1.74	12.07	V			
									V			
									V			
									V			
	3490	-48.44	-13	-35.44	-65.24	-59.56	1.36	12.48	Н			
	5233	-50.44	-13	-37.44	-72.28	-61.70	1.67	12.93	Н			
	6983	-45.89	-13	-32.89	-72.03	-56.09	1.72	11.92	Н			
									Н			
									Н			
Middle									Н			
Middle	3490	-55.53	-13	-42.53	-72.7	-66.65	1.36	12.48	V			
	5233	-52.08	-13	-39.08	-73.72	-63.34	1.67	12.93	V			
	6983	-47.76	-13	-34.76	-73.41	-57.96	1.72	11.92	V			
									V			
									V			
									V			
	3539	-48.54	-13	-35.54	-65.75	-59.69	1.37	12.52	Н			
	5310	-49.95	-13	-36.95	-72.07	-61.29	1.69	13.03	Н			
	7081	-45.43	-13	-32.43	-71.95	-55.44	1.76	11.77	Н			
									Н			
									Н			
l limbas*									Н			
Highest	3539	-55.37	-13	-42.37	-72.82	-66.52	1.37	12.52	V			
	5310	-51.72	-13	-38.72	-73.53	-63.06	1.69	13.03	V			
	7081	-47.22	-13	-34.22	-73.33	-57.23	1.76	11.77	V			
									V			
									V			
									V			

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

TEL: 886-3-327-3456 Page Number: B2-4 of 12

Report No.: FG911635B

	LTE Band 5 / 10MHz / QPSK											
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	1648	-51.19	-13	-38.19	-61.29	-56.78	0.92	8.66	Н			
	2472	-51.60	-13	-38.60	-65.92	-58.97	1.14	10.66	Н			
	3296	-47.46	-13	-34.46	-63.13	-56.00	1.32	12.01	Н			
	4120	-51.04	-13	-38.04	-69.78	-60.20	1.47	12.78	Н			
									Н			
Lowest									Н			
Lowest	1648	-55.10	-13	-42.10	-64.66	-60.69	0.92	8.66	V			
	2472	-53.40	-13	-40.40	-67.9	-60.77	1.14	10.66	V			
	3296	-54.94	-13	-41.94	-71.07	-63.48	1.32	12.01	V			
	4120	-53.19	-13	-40.19	-72	-62.35	1.47	12.78	V			
									V			
									V			
	1664	-53.01	-13	-40.01	-63.15	-58.66	0.93	8.72	Н			
	2496	-49.42	-13	-36.42	-63.75	-56.82	1.15	10.69	Н			
	3328	-47.03	-13	-34.03	-62.61	-55.64	1.33	12.09	Н			
									Н			
									Н			
Middle									Н			
Middle	1664	-57.12	-13	-44.12	-66.66	-62.77	0.93	8.72	V			
	2496	-50.73	-13	-37.73	-65.25	-58.13	1.15	10.69	V			
	3328	-54.20	-13	-41.20	-70.24	-62.81	1.33	12.09	V			
									V			
									V			
									V			
	1680	-49.48	-13	-36.48	-59.68	-55.18	0.93	8.78	Н			
	2520	-50.47	-13	-37.47	-64.76	-57.89	1.15	10.72	Н			
	3360	-48.95	-13	-35.95	-64.44	-57.63	1.33	12.16	Н			
	4200	-51.44	-13	-38.44	-70.23	-60.59	1.46	12.76	Н			
									Н			
l liab oot									Н			
Highest	1680	-54.19	-13	-41.19	-63.73	-59.89	0.93	8.78	V			
	2520	-51.29	-13	-38.29	-65.76	-58.71	1.15	10.72	V			
	3360	-54.47	-13	-41.47	-70.4	-63.15	1.33	12.16	V			
	4200	-52.42	-13	-39.42	-71.36	-61.57	1.46	12.76	V			
				_					V			
									V			

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

TEL: 886-3-327-3456 Page Number: B2-5 of 12

LTE Band 26 (Part 22H)

Report No.: FG911635B

	LTE Band 26 / 15MHz / QPSK											
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	1648	-53.76	-13	-40.76	-63.86	-59.35	0.92	8.66	Н			
	2472	-50.31	-13	-37.31	-64.63	-57.68	1.14	10.66	Н			
	3296	-48.15	-13	-35.15	-63.82	-56.69	1.32	12.01	Н			
									Н			
									Н			
Lowest									Н			
Lowest	1648	-55.94	-13	-42.94	-65.5	-61.53	0.92	8.66	V			
	2472	-52.70	-13	-39.70	-67.2	-60.07	1.14	10.66	V			
	3296	-54.45	-13	-41.45	-70.58	-62.99	1.32	12.01	V			
									V			
									V			
									V			
	1656	-52.84	-13	-39.84	-62.97	-58.46	0.92	8.69	Н			
	2488	-49.91	-13	-36.91	-64.22	-57.30	1.15	10.68	Н			
	3320	-46.96	-13	-33.96	-62.58	-55.55	1.33	12.07	Н			
									Н			
									Н			
Middle									Н			
Middle	1656	-57.03	-13	-44.03	-66.56	-62.65	0.92	8.69	V			
	2488	-51.51	-13	-38.51	-66.04	-58.90	1.15	10.68	V			
	3320	-53.77	-13	-40.77	-69.86	-62.36	1.33	12.07	V			
									V			
									V			
									V			
	1672	-53.98	-13	-40.98	-64.16	-59.66	0.93	8.75	Н			
	2504	-49.83	-13	-36.83	-64.13	-57.23	1.15	10.70	Н			
	3336	-50.56	-13	-37.56	-66.14	-59.19	1.33	12.11	Н			
									Н			
									Н			
∐igh oot									Н			
Highest	1672	-56.92	-13	-43.92	-66.44	-62.60	0.93	8.75	V			
	2504	-51.56	-13	-38.56	-66.08	-58.96	1.15	10.70	V			
	3336	-54.93	-13	-41.93	-70.97	-63.56	1.33	12.11	V			
									V			
									V			
									V			

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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Report No.: FG911635B

	LTE Band 12 / 10MHz / QPSK										
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)		
	1416	-53.54	-13.00	-40.54	-64.88	-58.26	0.85	7.71	Н		
	2125	-56.34	-13.00	-43.34	-70.80	-63.30	1.07	10.18	Н		
	2834	-55.80	-13.00	-42.80	-70.78	-63.52	1.23	11.10	Н		
	3542	-52.32	-13.00	-39.32	-69.08	-61.32	1.37	12.53	Н		
	4250	-51.24	-13.00	-38.24	-70.27	-60.39	1.45	12.75	Н		
									Н		
Lowest									Н		
LOWEST	1416	-57.67	-13.00	-44.67	-67.78	-62.39	0.85	7.71	V		
	2125	-52.90	-13.00	-39.90	-66.23	-59.86	1.07	10.18	V		
	2834	-56.18	-13.00	-43.18	-71.14	-63.90	1.23	11.10	V		
	3542	-54.25	-13.00	-41.25	-71.19	-63.25	1.37	12.53	V		
	4250	-52.60	-13.00	-39.60	-71.69	-61.75	1.45	12.75	V		
									V		
									V		
	1424	-54.49	-13.00	-41.49	-65.69	-59.24	0.85	7.75	Н		
	2136	-56.09	-13.00	-43.09	-70.82	-63.06	1.07	10.19	Н		
	2848	-55.00	-13.00	-42.00	-70.05	-62.73	1.23	11.12	Н		
	3560	-51.22	-13.00	-38.22	-68.11	-60.23	1.38	12.54	Н		
	4271	-50.82	-13.00	-37.82	-69.92	-59.97	1.45	12.75	Н		
									Н		
Middle	1424	-58.48	-13.00	-45.48	-68.48	-63.23	0.85	7.75	V		
	2136	-57.54	-13.00	-44.54	-71.12	-64.51	1.07	10.19	V		
	2848	-55.71	-13.00	-42.71	-70.75	-63.44	1.23	11.12	V		
	3560	-54.49	-13.00	-41.49	-71.51	-63.50	1.38	12.54	V		
	4271	-52.86	-13.00	-39.86	-71.99	-62.01	1.45	12.75	V		
									V		
									V		
	1431	-57.46	-13.00	-44.46	-68.69	-62.24	0.85	7.78	Н		
	2146	-55.62	-13.00	-42.62	-70.33	-62.60	1.07	10.20	Н		
	2862	-55.22	-13.00	-42.22	-70.33	-62.97	1.24	11.13	Н		
	3577	-51.78	-13.00	-38.78	-68.81	-60.80	1.38	12.55	Н		
									Н		
∐ighoot									Н		
Highest	1431	-59.86	-13.00	-46.86	-69.87	-64.64	0.85	7.78	V		
	2146	-56.35	-13.00	-43.35	-69.91	-63.33	1.07	10.20	V		
	2862	-56.09	-13.00	-43.09	-71.21	-63.84	1.24	11.13	V		
	3577	-54.24	-13.00	-41.24	-71.34	-63.26	1.38	12.55	V		
									V		
									V		

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

TEL: 886-3-327-3456 Page Number: B2-7 of 12

Report No.: FG911635B

	LTE Band 13 / 10MHz / QPSK										
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)		
	1576	-57.69	-42.15	-15.54	-67.76	-63.03	0.90	8.39	Н		
	2360	-54.03	-13	-41.03	-68.65	-61.26	1.12	10.50	Н		
	3144	-55.75	-13	-42.75	-71.57	-63.95	1.30	11.65	Н		
									Н		
									Н		
									Н		
Middle									Н		
Middle	1576	-52.91	-42.15	-10.76	-62.51	-58.25	0.90	8.39	V		
	2360	-56.12	-13	-43.12	-70.48	-63.35	1.12	10.50	V		
	3144	-53.25	-13	-40.25	-69.48	-61.45	1.30	11.65	V		
									V		
									V		
									V		
									V		

TEL: 886-3-327-3456 Page Number : B2-8 of 12

LTE Band 13 / 5MHz / QPSK										
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	
	1560	-57.63	-42.15	-15.48	-67.88	-62.92	0.89	8.33	Н	
	2344	-54.70	-13	-41.70	-69.45	-61.92	1.12	10.48	Н	
	3128	-54.63	-13	-41.63	-70.43	-62.79	1.29	11.61	Н	
	3912	-53.03	-13	-40.03	-71.41	-62.16	1.47	12.75	Н	
									Н	
Lowest									Н	
Lowest	1560	-55.30	-42.15	-13.15	-64.91	-60.59	0.89	8.33	V	
	2344	-54.54	-13	-41.54	-68.92	-61.76	1.12	10.48	V	
	3128	-51.47	-13	-38.47	-67.65	-59.63	1.29	11.61	V	
	3912	-49.96	-13	-36.96	-68.40	-59.09	1.47	12.75	V	
									V	
									V	
	1568	-57.65	-42.15	-15.50	-67.85	-62.97	0.89	8.36	Н	
	2352	-55.66	-13	-42.66	-70.35	-62.89	1.12	10.49	Н	
	3136	-55.24	-13	-42.24	-71.05	-63.42	1.29	11.63	Н	
	3920	-53.35	-13	-40.35	-71.75	-62.48	1.47	12.75	Н	
									Н	
NA: al all a									Н	
Middle	1568	-54.86	-42.15	-12.71	-64.47	-60.18	0.89	8.36	V	
	2352	-55.41	-13	-42.41	-69.77	-62.64	1.12	10.49	V	
	3136	-50.28	-13	-37.28	-66.48	-58.46	1.29	11.63	V	
	3920	-48.33	-13	-35.33	-66.78	-57.46	1.47	12.75	V	
									V	
									V	
	1576	-59.10	-42.15	-16.95	-69.23	-64.44	0.90	8.39	Н	
	2072	-56.65	-13	-43.65	-70.39	-63.54	1.06	10.10	Н	
	3144	-55.47	-13	-42.47	-71.29	-63.67	1.30	11.65	Н	
	3936	-53.26	-13	-40.26	-71.71	-62.40	1.47	12.76	Н	
									Н	
Llighoot									Н	
Highest	1576	-55.36	-42.15	-13.21	-64.96	-60.70	0.90	8.39	V	
	2072	-53.57	-13	-40.57	-66.24	-60.46	1.06	10.10	V	
	3144	-51.84	-13	-38.84	-68.07	-60.04	1.30	11.65	V	
	3936	-48.81	-13	-35.81	-67.28	-57.95	1.47	12.76	V	
									V	
									V	

Report No.: FG911635B

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

TEL: 886-3-327-3456 Page Number: B2-9 of 12

Report No.: FG911635B

LTE Band 7 / 20MHz / QPSK										
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	
	5040	-50.17	-25	-25.17	-71.84	-61.21	1.62	12.66	Н	
	7554	-45.28	-25	-20.28	-71.56	-54.39	2.00	11.11	Н	
	10080	-41.01	-25	-16.01	-70.26	-49.85	2.40	11.24	Н	
									Н	
									Н	
Lowest								Gain (dBi) 12.66 11.11	Н	
Lowest	5040	-50.58	-25	-25.58	-71.85	-61.62	1.62	12.66	V	
	7554	-44.14	-25	-19.14	-70.38	-53.25	2.00	11.11	V	
	10080	-40.95	-25	-15.95	-70.83	-49.79	2.40	11.24	V	
									V	
									V	
								12.72	V	
	5088	-50.10	-25	-25.10	-71.8	-61.19	1.63	12.72	Н	
	7632	-45.47	-25	-20.47	-71.53	-54.59	2.01	11.13	Н	
	10179	-40.96	-25	-15.96	-70.58	-49.72	2.40	11.16	Н	
									Н	
									Н	
Middle									Н	
ivildale	5088	-50.34	-25	-25.34	-71.71	-61.43	1.63	ł	V	
	7632	-43.66	-25	-18.66	-69.63	-52.78	2.01	11.13	V	
	10179	-40.91	-25	-15.91	-70.94	-49.67	2.40	11.16	V	
									V	
									V	
									V	
	5136	-49.81	-25	-24.81	-71.51	-60.96	1.65	12.79	Н	
	7706	-44.76	-25	-19.76	-70.8	-53.88	2.02		Н	
	10278	-41.37	-25	-16.37	-71.38	-50.05	2.39	11.08	Н	
									Н	
									Н	
Highest									Н	
riigilost	5136	-49.73	-25	-24.73	-71.18	-60.88	1.65		V	
	7706	-42.25	-25	-17.25	-68.11	-51.37	2.02		V	
	10278	-41.31	-25	-16.31	-71.51	-49.99	2.39	11.08	V	
									V	
									V	
									V	

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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Report No.: FG911635B

LTE Band 38 / 20MHz / QPSK										
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	
	5178	-50.04	-25	-25.04	-71.76	-61.23	1.66	12.85	Н	
	7764	-45.31	-25	-20.31	-71.35	-54.44	2.03	11.15	Н	
	10359	-41.37	-25	-16.37	-71.69	-49.99	2.39	11.01	Н	
									Н	
									Н	
Lowest									Н	
Lowest	5178	-50.48	-25	-25.48	-72.01	-61.67	1.66	12.85	V	
	7764	-45.38	-25	-20.38	-71.16	-54.51	2.03	11.15	V	
	10359	-41.65	-25	-16.65	-71.99	-50.27	2.39	11.01	V	
									V	
									V	
									V	
	5208	-49.84	-25	-24.84	-71.6	-61.07	1.66	12.89	Н	
	7812	-44.71	-25	-19.71	-70.82	-53.84	2.03	11.16	Н	
	10413	-40.92	-25	-15.92	-71.44	-49.50	2.39	10.97	Н	
									Н	
									Н	
Middle									Н	
Middle	5208	-50.13	-25	-25.13	-71.72	-61.36	1.66	12.89	V	
	7812	-45.71	-25	-20.71	-71.53	-54.84	2.03	11.16	V	
	10413	-40.85	-25	-15.85	-71.27	-49.43	2.39	10.97	V	
									V	
									V	
									V	
	5238	-50.25	-25	-25.25	-72.11	-61.51	1.67	12.93	Н	
	7854	-44.40	-25	-19.40	-70.77	-53.53	2.04	11.17	Н	
	10476	-41.06	-25	-16.06	-71.82	-49.59	2.39	10.92	Н	
									Н	
									Н	
Llighaat									Н	
Highest	5238	-50.20	-25	-25.20	-71.85	-61.46	1.67	12.93	V	
	7854	-45.43	-25	-20.43	-71.54	-54.56	2.04	11.17	V	
	10476	-41.42	-25	-16.42	-71.94	-49.95	2.39	10.92	V	
									V	
		-							V	
									V	

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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Report No.: FG911635B

	LTE Band 41 / 20MHz / QPSK										
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)		
	4994	-59.27	-25	-34.27	-57.2	-70.26	1.61	12.60	Н		
	7491	-55.32	-25	-30.32	-58.26	-64.45	1.99	11.11	Н		
	9988	-44.59	-25	-19.59	-50.61	-53.50	2.40	11.30	Н		
									Н		
									Н		
Lowest									Н		
Lowest	4994	-58.68	-25	-33.68	-56.16	-69.67	1.61	12.60	V		
	7491	-49.43	-25	-24.43	-52.34	-58.56	1.99	11.11	V		
	9988	-45.07	-25	-20.07	-51.89	-53.98	2.40	11.30	V		
									V		
									V		
								12.84 11.15	V		
	5168	-57.97	-25	-32.97	-56.39	-69.15	1.65	12.84	Н		
	7752	-57.26	-25	-32.26	-59.83	-66.39	2.03	11.15	Н		
	10336	-55.49	-25	-30.49	-62.48	-64.13	2.39	11.03	Н		
									Н		
									Н		
Middle									Н		
Middle	5168	-59.20	-25	-34.20	-57.41	-70.38	1.65	12.84	V		
	7752	-52.57	-25	-27.57	-54.91	-61.70	2.03	11.15	V		
	10336	-56.09	-25	-31.09	-63.15	-64.73	2.39	11.03	V		
								11.15	V		
									V		
									V		
	5342	-57.91	-25	-32.91	-57.23	-69.29	1.70	13.08	Н		
	8013	-54.03	-25	-29.03	-57.92	-63.20	2.06	11.23	Н		
	10684	-55.97	-25	-30.97	-63.71	-64.38	2.49	10.90	Н		
									Н		
									Н		
Highest									Н		
riignest	5342	-54.57	-25	-29.57	-53.55	-65.95	1.70	13.08	V		
	8013	-51.72	-25	-26.72	-55.51	-60.89	2.06	11.23	V		
	10684	-55.41	-25	-30.41	-62.9	-63.82	2.49	10.90	V		
									V		
									V		
									V		

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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