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LTE Band 41 / 20MHz+5MHz 64QAM Lowest Channel / 1RB0 and 1RB24 Lowest Channel / 1RB99 and 1RB0 Spectrum Spectrum Ref Level 0.00 dBn SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep Offset 15.90 dB Mode Auto Sweep 1 AvgPwr Limit Check -20 dBm--20 dBm-_LINE_ABS_ INE_ABS_ PURIOUS SPURIOUS -40 dBm-40 dBm -50 dBm -50 dBm -60 dBm -60 dBm 70 dBm -70 dBm -80 dBm -80 dBm 90 dBm--90 dBm-Stop 27.0 GHz Stop 27.0 GHz 56008 pts Start 30.0 MH rious Emission Spurious Emissions Range Up 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz Frequency 856.26937 MHz 2.46707 GHz 2.97477 GHz 5.88189 GHz 13.90126 GHz 15.57055 GHz 19.95964 GHz Range Up

1.000 GHz
2.475 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz
18.000 GHz
27.000 GHz 1.000 MHz Frequency 869.35782 MHz 2.47297 GHz 2.97305 GHz 5.88789 GHz 13.86677 GHz 15.85602 GHz 19.95614 GHz **Lowest Channel / FullRB** N/A Spectrum Ref Level 0.00 dBn SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep ●1 AvgPwr Limit ¢heck -10 dame-LINE_ABS -50 dBm 60 dBm -70 dBm--80 dBm-Start 30.0 MHz Stop 27.0 GHz 56008 pts rious Emissi Range Low
30.000 MHz
1.000 GHz
2.735 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz 930.92204 MHz 2.44422 GHz 2.97451 GHz 5.90639 GHz 7.27220 GHz 13.83877 GHz 15.57405 GHz 19.95614 GHz Range Up te: 8.NOV.2018 20:21:06

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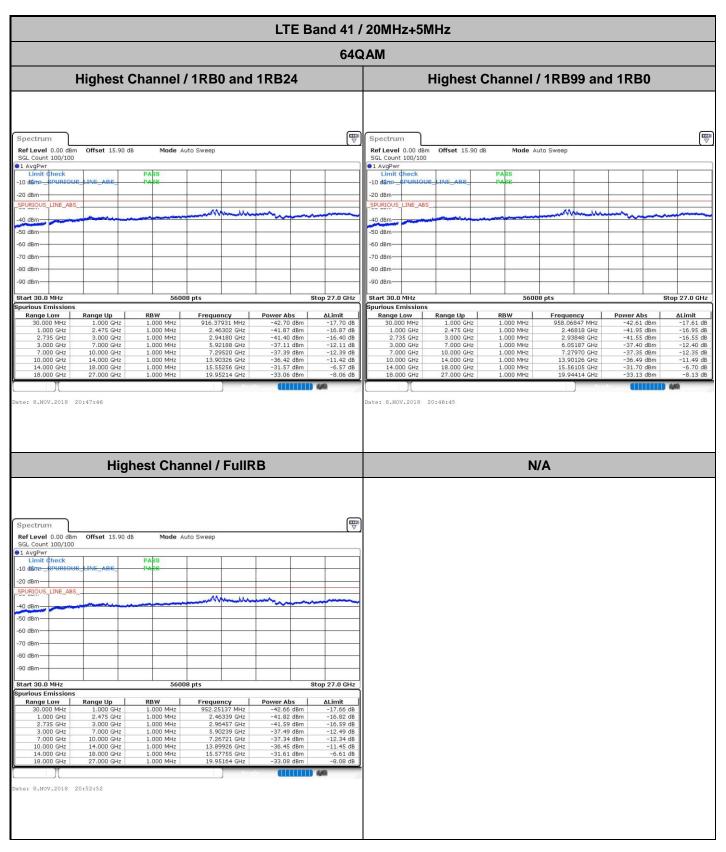
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LTE Band 41 / 20MHz+5MHz 64QAM Middle Channel / 1RB0 and 1RB24 Middle Channel / 1RB99 and 1RB0 Spectrum Spectrum Ref Level 0.00 dBn SGL Count 100/100 Ref Level 0.00 dBm SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep Offset 15.90 dB Mode Auto Sweep ●1 AvgPwr Limit di -10 d&ne _ 1 AvgPwr Limit Check -20 dBm--20 dBm-LINE_ABS_ INE_ABS_ PURIOUS SPURIOUS -40 dBm-40 dBm--50 dBm -50 dBm -60 dBm -60 dBm 70 dBm -70 dBm -80 dBm -80 dBm 90 dBm--90 dBm-Stop 27.0 GHz Stop 27.0 GHz 56008 pts Start 30.0 MH rious Emission Spurious Emissions Range Up 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz Frequency 864.99500 MHz 2.47334 GHz 2.96365 GHz 5.90889 GHz 7.28320 GHz 13.91076 GHz 15.57155 GHz 19.95114 GHz Range Up

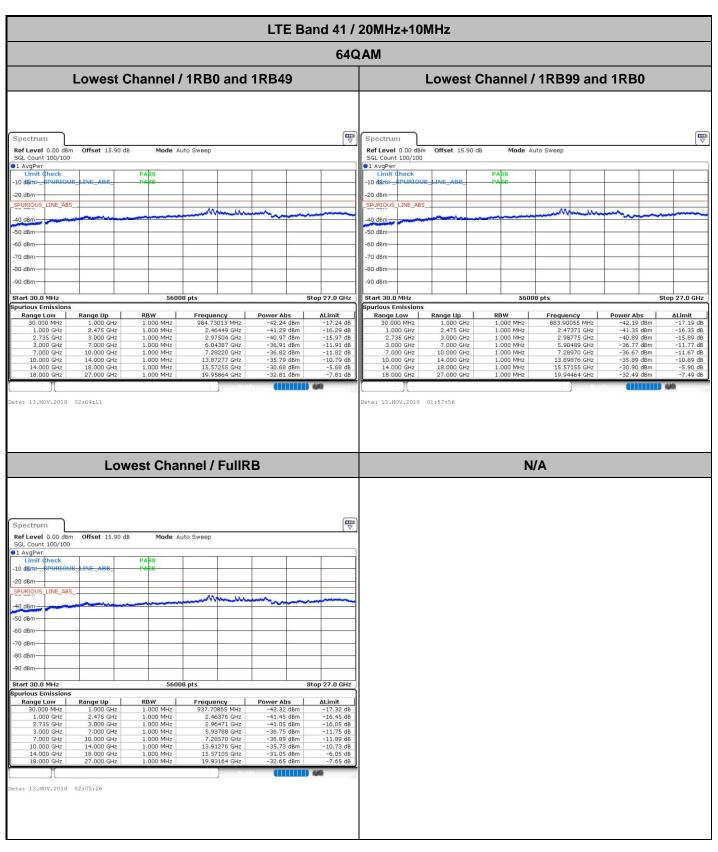
1.000 GHz
2.475 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz
18.000 GHz
27.000 GHz 1.000 MHz 936.73913 MHz 2.46118 GHz 2.95967 GHz 6.06187 GHz 7.28220 GHz 13.86727 GHz 15.55556 GHz 19.94214 GHz te: 8.NOV.2018 20:27:13 Middle Channel / FullRB N/A Spectrum Ref Level 0.00 dBn SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep ●1 AvgPwr Limit ¢heck -10 dame-LINE_ABS -50 dBm -70 dBm--80 dBm-Start 30.0 MHz Stop 27.0 GHz 56008 pts rious Emissi Range Low
30.000 MHz
1.000 GHz
2.735 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz Prequency 903.29085 MHz 2.47187 GHz 2.97199 GHz 6.06237 GHz 7.29170 GHz 13.86577 GHz 15.57355 GHz 19.95164 GHz Range Up te: 8.NOV.2018 20:26:12

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LTE Band 41 / 20MHz+10MHz 64QAM Middle Channel / 1RB0 and 1RB49 Middle Channel / 1RB99 and 1RB0 **₩** Spectrum Spectrum Ref Level 0.00 dBn SGL Count 100/100 Ref Level 0.00 dBm SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep Offset 15.90 dB Mode Auto Sweep ●1 AvgPwr Limit di -10 d&ne _ 1 AvgPwr Limit Check -20 dBm--20 dBm-_LINE_ABS INE_ABS_ PURIOUS SPURIOUS 40 dBm 40 dBm -50 dBm -50 dBm -60 dBm -60 dBm 70 dBm -70 dBm -80 dBm -80 dBm 90 dBm--90 dBm-Stop 27.0 GHz Stop 27.0 GHz 56008 pts Start 30.0 MH rious Emission Spurious Emissions Range Up 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz Range Up

1.000 GHz
2.475 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz
18.000 GHz
27.000 GHz 1.000 MHz 958.55322 MHz 2.46412 GHz 2.92789 GHz 6.04937 GHz 7.30270 GHz 13.90426 GHz 15.56605 GHz 19.93814 GHz Power Abs
-41.93 dBm
-41.42 dBm
-41.03 dBm
-36.89 dBm
-36.75 dBm
-35.85 dBm
-30.97 dBm
-32.60 dBm ate: 13.NOV.2018 02:19:10 Middle Channel / FullRB N/A Spectrum Ref Level 0.00 dBn SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep 1 AvgPwr Limit Check -10 dame-LINE_ABS -50 dBm -70 dBm--80 dBm-Stop 27.0 GHz Start 30.0 MHz 56008 pts rious Emissi Range Low
30.000 MHz
1.000 GHz
2.735 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz 976.97401 MHz 2.47371 GHz 2.95835 GHz 6.05087 GHz 7.28070 GHz 13.88876 GHz 15.54956 GHz 19.95064 GHz Range Up te: 13.NOV.2018 02:11:41

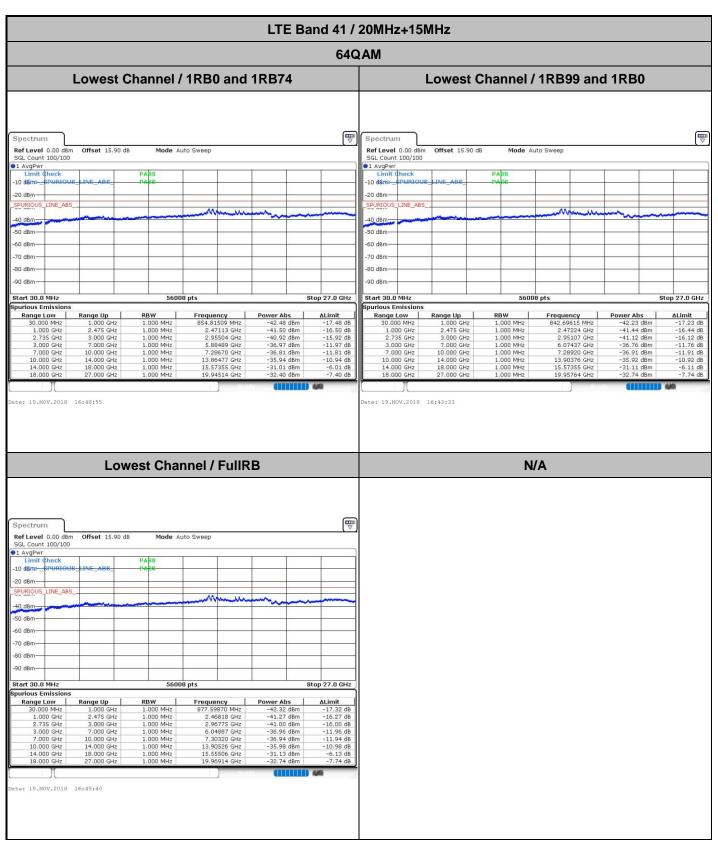
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LTE Band 41 / 20MHz+10MHz 64QAM Highest Channel / 1RB0 and 1RB49 Highest Channel / 1RB99 and 1RB0 Spectrum Spectrum Ref Level 0.00 dBn SGL Count 100/100 Ref Level 0.00 dBm SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep Offset 15.90 dB Mode Auto Sweep ●1 AvgPwr Limit di -10 d&ne _ 1 AvgPwr Limit Check -10 d&me_spur -20 dBm--20 dBm-LINE_ABS INE_ABS_ PURIOUS SPURIOUS -40 dBm--50 dBm -50 dBm -60 dBm -60 dBm 70 dBm -80 dBm -80 dBm 90 dBm--90 dBm-Stop 27.0 GHz Stop 27.0 GHz 56008 pts Start 30.0 MH rious Emission Spurious Emissions Range Up 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz RBW 1.000 MHz Frequency 875.17491 MHz 2.46597 GHz 2.97106 GHz 6.05237 GHz 13.90526 GHz 15.57505 GHz 19.94464 GHz Power Abs
-42,44 dBm
-41,44 dBm
-40,83 dBm
-36,70 dBm
-36,58 dBm
-35,69 dBm
-31,07 dBm
-32,72 dBm 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz ate: 13.NOV.2018 02:22:55 **Highest Channel / FullRB** N/A Spectrum Ref Level 0.00 dBn SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep 1 AvgPwr Limit Check -10 dame-LINE_ABS -70 dBm--80 dBm Stop 27.0 GHz Start 30.0 MHz 56008 pts rious Emissi Range Low
30.000 MHz
1.000 GHz
2.735 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz 902.80610 MHz 2.46965 GHz 2.99490 GHz 6.06587 GHz 7.28470 GHz 13.88376 GHz 15.58055 GHz 19.94814 GHz Range Up te: 13.NOV.2018 02:30:25

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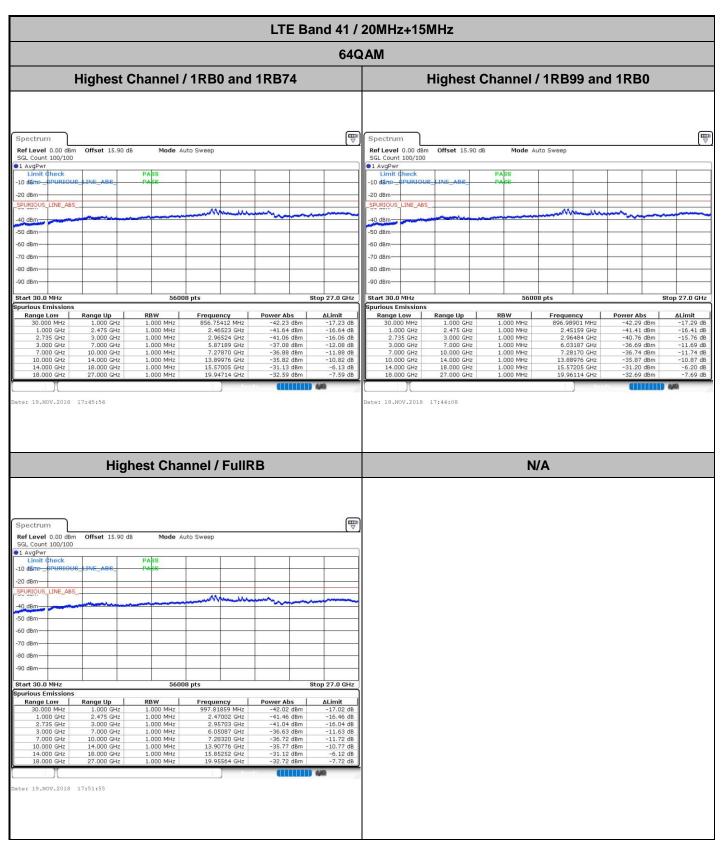
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LTE Band 41 / 20MHz+15MHz 64QAM Middle Channel / 1RB0 and 1RB74 Middle Channel / 1RB99 and 1RB0 Spectrum Spectrum Ref Level 0.00 dBn SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep Offset 15.90 dB Mode Auto Sweep 1 AvgPwr Limit Check -20 dBm--20 dBm-_LINE_ABS_ INE_ABS_ PURIOUS SPURIOUS 40 dBm--40 dBm -50 dBm -50 dBm -60 dBm -60 dBm 70 dBm -70 dBm -80 dBm -80 dBm 90 dBm--90 dBm-Stop 27.0 GHz Stop 27.0 GHz 56008 pts Start 30.0 MH rious Emission Spurious Emissions Range Up 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz Frequency 927.52874 MHz 2.47260 GHz 2.97477 GHz 6.07087 GHz 13.87327 GHz 15.57255 GHz 19.95214 GHz Range Up

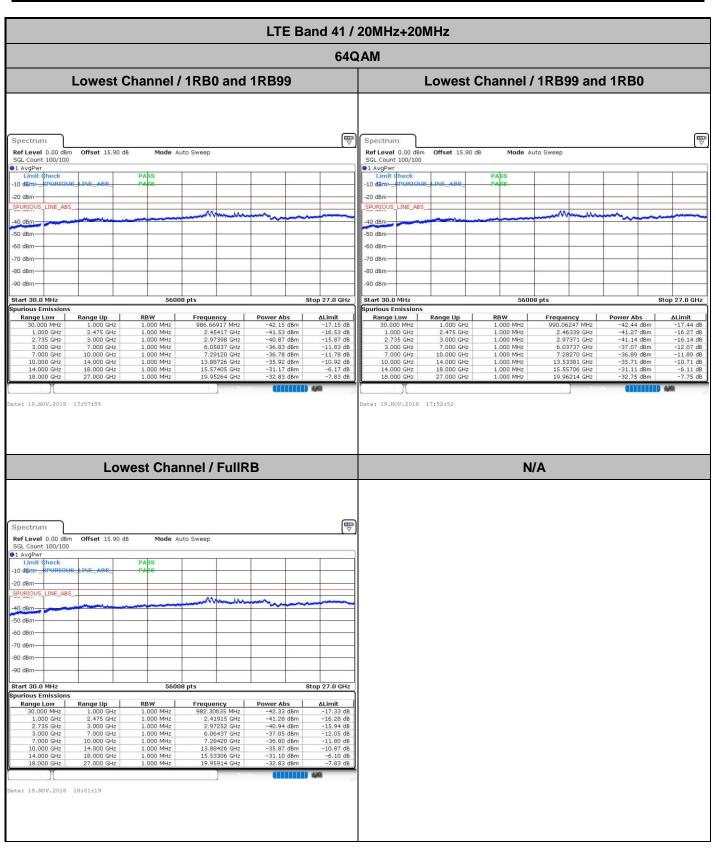
1.000 GHz
2.475 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz
18.000 GHz
27.000 GHz 1.000 MHz Frequency 982.79110 MHz 2.45749 GHz 2.96060 GHz 5.92338 GHz 7.29020 GHz 13.89876 GHz 15.57805 GHz 19.95414 GHz Power Abs
-42.34 dBm
-41.28 dBm
-40.94 dBm
-36.85 dBm
-36.58 dBm
-36.01 dBm
-31.16 dBm
-32.58 dBm ΔLimit
-17.34 dB
-16.28 dB
-15.94 dB
-11.85 dB
-11.58 dB
-11.01 dB
-6.16 dB
-7.58 dB ate: 19.NOV.2018 16:58:06 Middle Channel / FullRB N/A Spectrum Ref Level 0.00 dBn SGL Count 100/100 Offset 15.90 dB Mode Auto Sweep 1 AvgPwr Limit Check -10 dame-LINE_ABS -50 dBm -70 dBm--80 dBm-Stop 27.0 GHz Start 30.0 MHz 56008 pts rious Emissi Range Low
30.000 MHz
1.000 GHz
2.735 GHz
3.000 GHz
7.000 GHz
10.000 GHz
14.000 GHz 952.25137 MHz 2.46634 GHz 2.96484 GHz 5.89539 GHz 7.27920 GHz 13.89476 GHz 15.57255 GHz 19.94864 GHz Range Up te: 19.NOV.2018 16:53:41

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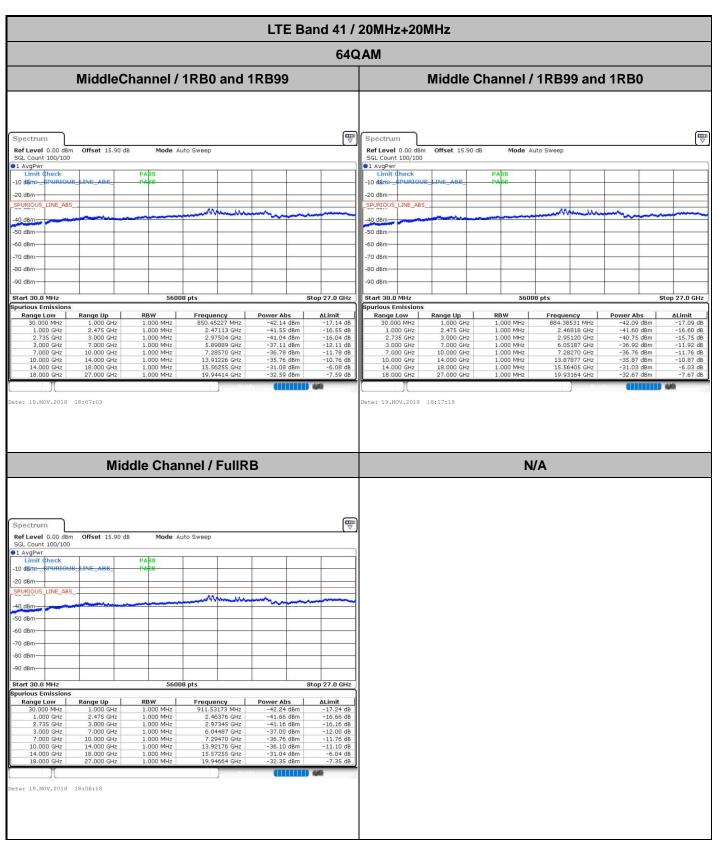
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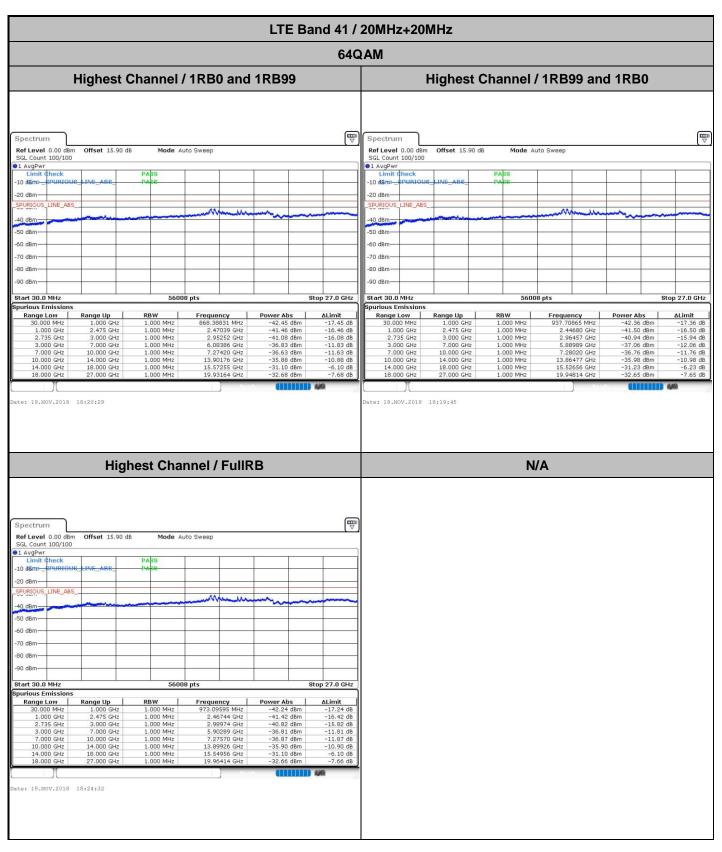
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Appendix B. Test Results of EIRP and Radiated Test

EIRP

			LTE Ba	nd 7_C <i>A</i>	1 / 20 + 2	20 MHz (GT -	LC = 1 dB)			
		PO	CC	S	CC	Cond	ucted	EIRP		
Channel	Mode	R	В	RB		Cond	ucteu	EIRP		
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)	
Lowest		1	99	1	0	22.00	0.1585	23.00	0.1995	
Middle	QPSK	1	99	1	0	21.40	0.1380	22.40	0.1738	
Highest		1	99	1	0	22.81	0.1910	23.81	0.2404	
Lowest		1	99	1	0	21.90	0.1549	22.90	0.1950	
Middle	16QAM	1	99	1	0	21.40	0.1380	22.40	0.1738	
Highest		1	99	1	0	22.40	0.1738	23.40	0.2188	
Lowest		1	99	1	0	19.90	0.0977	20.90	0.1230	
Middle	64QAM	1	99	1	0	19.68	0.0929	20.68	0.1169	
Highest		1 99		1	0	21.70	0.1479	22.70	0.1862	
Limit	EIRP < 2W					Re	sult	PASS		

			LTE Ba	nd 7_C <i>A</i>	A / 20 + 1	15 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	RB		Cond	lucteu	LII	XF
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	99	1	0	21.90	0.1549	22.90	0.1950
Middle	QPSK	1	99	1	0	21.20	0.1318	22.20	0.1660
Highest		1	99	1	0	22.80	0.1905	23.80	0.2399
Lowest		1	99	1	0	21.80	0.1514	22.80	0.1905
Middle	16QAM	1	99	1	0	21.30	0.1349	22.30	0.1698
Highest		1	99	1	0	22.60	0.1820	23.60	0.2291
Lowest		1	99	1	0	20.30	0.1072	21.30	0.1349
Middle	64QAM	1	99	1	0	20.57	0.1140	21.57	0.1435
Highest		1	99	1	0	20.21	0.1050	21.21	0.1321
Limit		El	IRP < 2V	/	•	Re	sult	PA	SS

			LTE Ba	nd 7_C	1 / 15 + 2	20 MHz (GT -	LC = 1 dB)		
		PO	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	RB		Cond	ucteu	LII	XF
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	74	1	0	21.70	0.1479	22.70	0.1862
Middle	QPSK	1	74	1	0	20.90	0.1230	21.90	0.1549
Highest		1	74	1	0	22.20	0.1660	23.20	0.2089
Lowest		1	74	1	0	21.40	0.1380	22.40	0.1738
Middle	16QAM	1	74	1	0	21.00	0.1259	22.00	0.1585
Highest		1	74	1	0	22.00	0.1585	23.00	0.1995
Lowest		1	74	1	0	20.90	0.1230	21.90	0.1549
Middle	64QAM	1	74	1	0	19.90	0.0977	20.90	0.1230
Highest		1	74	1	0	19.00	0.0794	20.00	0.1000
Limit		EIRP < 2V			•	Res	sult	PA	SS

			LTE Ba	nd 7_C <i>A</i>	1 / 20 + 1	0 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	R	В	Oorlaadica		LIKP	
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	99	1	0	22.00	0.1585	23.00	0.1995
Middle	QPSK	1	99	1	0	21.40	0.1380	22.40	0.1738
Highest		1	99	1	0	22.60	0.1820	23.60	0.2291
Lowest		1	99	1	0	21.80	0.1514	22.80	0.1905
Middle	16QAM	1	99	1	0	21.40	0.1380	22.40	0.1738
Highest		1	99	1	0	22.40	0.1738	23.40	0.2188
Lowest		1	99	1	0	21.40	0.1380	22.40	0.1738
Middle	64QAM	1	99	1	0	21.20	0.1318	22.20	0.1660
Highest		1	99	1	0	22.21	0.1663	23.21	0.2094
Limit	EIRP < 2			/	_	Re	sult	PA	SS

			LTE Ba	nd 7_C <i>A</i>	1 / 10 + 2	20 MHz (GT -	LC = 1 dB)			
		P	CC	SC	CC	Conducted		EIRP		
Channel	Mode	R	В	RB		Cond	lucteu	EIRP		
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)	
Lowest		1	74	1	0	21.70	0.1479	22.70	0.1862	
Middle	QPSK	1	74	1	0	20.70	0.1175	21.70	0.1479	
Highest		1	74	1	0	22.20	0.1660	23.20	0.2089	
Lowest		1	74	1	0	21.10	0.1288	22.10	0.1622	
Middle	16QAM	1	74	1	0	20.80	0.1202	21.80	0.1514	
Highest		1	74	1	0	21.90	0.1549	22.90	0.1950	
Lowest		1	74	1	0	20.40	0.1096	21.40	0.1380	
Middle	64QAM	1	74	1	0	20.50	0.1122	21.50	0.1413	
Highest		1 74		1	0	20.50	0.1122	21.50	0.1413	
Limit		E	IRP < 2V	/		Re	sult	PA	SS	

			LTE Ba	nd 7_C <i>F</i>	1 / 15 + 1	5 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	RB		Cond	ucteu	Lii	XI
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	74	1	0	21.80	0.1514	22.80	0.1905
Middle	QPSK	1	74	1	0	20.90	0.1230	21.90	0.1549
Highest		1	74	1	0	22.50	0.1778	23.50	0.2239
Lowest		1	74	1	0	21.40	0.1380	22.40	0.1738
Middle	16QAM	1	74	1	0	21.00	0.1259	22.00	0.1585
Highest		1	74	1	0	22.20	0.1660	23.20	0.2089
Lowest		1	74	1	0	20.90	0.1230	21.90	0.1549
Middle	64QAM	1	74	1	0	20.50	0.1122	21.50	0.1413
Highest	1 74		1	0	21.90	0.1549	22.90	0.1950	
Limit		EIRP < 2W				Re	sult	PA	SS



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			LTE Ba	nd 7_C	1 / 15 + 1	10 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Conducted		EIRP	
Channel	Mode	R	B.	RB		Cond	uctea	EII	XP
		Size	Offset	Size	Offset	Power (dBm) Power (Watts)		EIRP(dBm)	EIRP(W)
Lowest		1	74	1	0	21.80	0.1514	22.80	0.1905
Middle	QPSK	1	74	1	0	21.00	0.1259	22.00	0.1585
Highest		1	74	1	0	22.50	0.1778	23.50	0.2239
Lowest		1	74	1	0	21.40	0.1380	22.40	0.1738
Middle	16QAM	1	74	1	0	20.90	0.1230	21.90	0.1549
Highest		1	74	1	0	22.10	0.1622	23.10	0.2042
Lowest		1	74	1	0	20.90	0.1230	21.90	0.1549
Middle	64QAM	64QAM 1 74		1	0	20.40	0.1096	21.40	0.1380
Highest		1	74	1	0	21.80	0.1514	22.80	0.1905
Limit		EIRP < 2W				Re	sult	PA	SS

			LTE Bar	nd 41_C	A / 20 +	20 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	RB		Conducted			XI
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		0	0	1	99	21.40	0.1380	22.40	0.1738
Middle	QPSK	0	0	1	99	22.52	0.1786	23.52	0.2249
Highest		0	0	1	99	21.56	0.1432	22.56	0.1803
Lowest		0	0	1	99	21.38	0.1374	22.38	0.1730
Middle	16QAM	0	0	1	99	22.57	0.1807	23.57	0.2275
Highest		0	0	1	99	21.53	0.1422	22.53	0.1791
Lowest		0	0	1	99	21.37	0.1371	22.37	0.1726
Middle	64QAM	0	0	1	99	22.53	0.1791	23.53	0.2254
Highest		0	0	1	99	21.55	0.1429	22.55	0.1799
Limit	EIRP < 2			1	_	Re	sult	PA	SS

			LTE Bar	nd 41_C	A / 20 +	15 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	RB		Cond	ucteu	LII	XF
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	99	1	0	21.08	0.1282	22.08	0.1614
Middle	QPSK	1	99	1	0	22.17	0.1648	23.17	0.2075
Highest		1	99	1	0	21.76	0.1500	22.76	0.1888
Lowest		1	99	1	0	20.30	0.1072	21.30	0.1349
Middle	16QAM	1	99	1	0	21.29	0.1346	22.29	0.1694
Highest		1	99	1	0	20.91	0.1233	21.91	0.1552
Lowest		100	0	75	0	18.23	0.0665	19.23	0.0838
Middle	64QAM	100	0	75	0	19.32	0.0855	20.32	0.1076
Highest		100	0	75	0	18.58	0.0721	19.58	0.0908
Limit		EIRP < 2\				Re	sult	PA	SS

			LTE Bar	nd 41_C	A / 15 + :	20 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	RB		Cond	ucteu	LII	XF
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	74	1	0	20.31	0.1074	21.31	0.1352
Middle	QPSK	1	74	1	0	19.98	0.0995	20.98	0.1253
Highest		1	74	1	0	19.75	0.0944	20.75	0.1189
Lowest		1	74	1	0	19.63	0.0918	20.63	0.1156
Middle	16QAM	1	74	1	0	19.25	0.0841	20.25	0.1059
Highest		1	74	1	0	18.95	0.0785	19.95	0.0989
Lowest		75	0	100	0	17.98	0.0628	18.98	0.0791
Middle	64QAM	75	0	100	0	17.21	0.0526	18.21	0.0662
Highest		75	0	100	0	16.43	0.0440	17.43	0.0553
Limit		EIRP < 2			_	Re	sult	PA	SS

			LTE Bar	nd 41_C	A / 20 +	10 MHz (GT -	LC = 1 dB)			
		P	CC	S	CC	Cond	ucted	EIRP		
Channel	Mode	R	B	RB		Cond	ucteu	LIKP		
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)	
Lowest		1	99	1	0	20.35	0.1084	21.35	0.1365	
Middle	QPSK	1	99	1	0	19.79	0.0953	20.79	0.1199	
Highest		1	99	1	0	19.26	0.0843	20.26	0.1062	
Lowest		1	99	1	0	19.61	0.0914	20.61	0.1151	
Middle	16QAM	1	99	1	0	19.14	0.0820	20.14	0.1033	
Highest		1	99	1	0	18.59	0.0723	19.59	0.0910	
Lowest		1	99	1	0	17.42	0.0552	18.42	0.0695	
Middle	64QAM	1	99	1	0	16.87	0.0486	17.87	0.0612	
Highest		1	99	1	0	16.33	0.0430	17.33	0.0541	
Limit	EIRP < 2			/	_	Re	sult	PA	SS	

			LTE Bar	nd 41_C	A / 10 +	20 MHz (GT -	LC = 1 dB)		
		P	CC	S	CC	Cond	ucted	EIRP	
Channel	Mode	R	В	RB		Cond	ucteu	LII	XF
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest		1	49	1	0	20.23	0.1054	21.23	0.1327
Middle	QPSK	1	49	1	0	20.03	0.1007	21.03	0.1268
Highest		1	49	1	0	19.69	0.0931	20.69	0.1172
Lowest		1	49	1	0	19.56	0.0904	20.56	0.1138
Middle	16QAM	1	49	1	0	19.31	0.0853	20.31	0.1074
Highest		1	49	1	0	19.00	0.0794	20.00	0.1000
Lowest		1	49	1	0	17.17	0.0521	18.17	0.0656
Middle	64QAM	1	49	1	0	17.07	0.0509	18.07	0.0641
Highest		1	49	1	0	16.72	0.0470	17.72	0.0592
Limit		EIRP < 2V				Re	sult	PA	SS

			LTE Ba	nd 41_C	A / 20 +	5 MHz (GT -	LC = 1 dB)			
		P	CC	S	CC	Cond	ucted	FII	D D	
Channel	Mode	RB		R	В	Cond	ucteu	EIRP		
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)	
Lowest		1	99	1	0	20.36	0.1086	21.36	0.1368	
Middle	QPSK	1	99	1	0	19.85	0.0966	20.85	0.1216	
Highest		1	99	1	0	19.17	0.0826	20.17	0.1040	
Lowest		1	99	1	0	19.60	0.0912	20.60	0.1148	
Middle	16QAM	1	99	1	0	19.18	0.0828	20.18	0.1042	
Highest		1	99	1	0	18.46	0.0701	19.46	0.0883	
Lowest		1	99	1	0	17.41	0.0551	18.41	0.0693	
Middle	64QAM	1	99	1	0	16.90	0.0490	17.90	0.0617	
Highest		1	99	1	0	16.20 0.0417		17.20	0.0525	
Limit		EIRP < 2W			•	Res	sult	PASS		

			LTE Ba	nd 41_C	A / 5 + 2	20 MHz (GT -	LC = 1 dB)			
		P	CC	S	CC	Cond	ucted	EII	R P	
Channel	Mode	RB		RB		Oona	ucteu	LIKI		
		Size	Offset	Size	Offset	Power (dBm) Power (Watts)		EIRP(dBm)	EIRP(W)	
Lowest		1	24	1	0	20.30	0.1072	21.30	0.1349	
Middle	QPSK	1	24	1	0	20.32	0.1076	21.32	0.1355	
Highest		1	24	1	0	19.84	0.0964	20.84	0.1213	
Lowest		1	24	1	0	19.55	0.0902	20.55	0.1135	
Middle	16QAM	1	24	1	0	19.52	0.0895	20.52	0.1127	
Highest		1	24	1	0	19.05	0.0804	20.05	0.1012	
Lowest		1	24	1	0	17.30	0.0537	18.30	0.0676	
Middle	64QAM	1	24	1	0	17.16	0.0520	18.16	0.0655	
Highest		1	24	1	0	16.78 0.0476		17.78	0.0600	
Limit	EIRP < 2W					Re	sult	PA	SS	

			LTE Bar	nd 41_C	A / 15 +	10 MHz (GT -	LC = 1 dB)			
		P	CC	S	CC	Cond	ucted	EII	D D	
Channel	Mode	RB		RB		Cond	ucteu	EIRP		
		Size	Offset	Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)	
Lowest		1	74	1	0	20.38	0.1091	21.38	0.1374	
Middle	QPSK	1	74	1	0	19.92	0.0982	20.92	0.1236	
Highest		1	74	1	0	19.41	0.0873	20.41	0.1099	
Lowest		1	74	1	0	19.70	0.0933	20.70	0.1175	
Middle	16QAM	1	74	1	0	19.22	0.0836	20.22	0.1052	
Highest		1	74	1	0	18.69	0.0740	19.69	0.0931	
Lowest		75	0	50	0	17.46	0.0557	18.46	0.0701	
Middle	64QAM	75	0	50	0	17.14	0.0518	18.14	0.0652	
Highest		75	0	50	0	16.53 0.0450		17.53	0.0566	
Limit	EIRP < 2W					Re	sult	PA	SS	

			LTE Bar	nd 41_C	A / 10 +	15 MHz (GT -	LC = 1 dB)			
		P	CC	S	CC	Cond	ucted	FII	o D	
Channel	Mode	RB		RB		Cond	ucteu	EIRP		
		Size	Offset	Size	Offset	Power (dBm) Power (Watts)		EIRP(dBm)	EIRP(W)	
Lowest		1	49	1	0	20.24	0.1057	21.24	0.1330	
Middle	QPSK	1	49	1	0	20.01	0.1002	21.01	0.1262	
Highest		1	49	1	0	19.54	0.0899	20.54	0.1132	
Lowest		1	49	1	0	19.56	0.0904	20.56	0.1138	
Middle	16QAM	1	49	1	0	19.33	0.0857	20.33	0.1079	
Highest		1	49	1	0	18.81	0.0760	19.81	0.0957	
Lowest		50	0	75	0	17.40	0.0550	18.40	0.0692	
Middle	64QAM	50	0	75	0	17.22	0.0527	18.22	0.0664	
Highest		50	0	75	0	16.24 0.0421		17.24	0.0530	
Limit		EIRP < 2W				Re	sult	PA	SS	



FCC RADIO TEST REPORT

	LTE Band 41_CA / 15 + 15 MHz (GT - LC = 1 dB)												
		P	CC	SC	CC	Cond	ucted	EIRP					
Channel	Mode	RB		R	B	Cona	uctea	EII	XP				
		Size	Offset	Size	Offset	Power (dBm) Power (Watts)		EIRP(dBm)	EIRP(W)				
Lowest		1	74	1	0	20.40	0.1096	21.40	0.1380				
Middle	QPSK	1	74	1	0	20.04	0.1009	21.04	0.1271				
Highest		1	74	1	0	19.58	0.0908	20.58	0.1143				
Lowest		1	74	1	0	19.80	0.0955	20.80	0.1202				
Middle	16QAM	1	74	1	0	19.25	0.0841	20.25	0.1059				
Highest		1	74	1	0	18.85	0.0767	19.85	0.0966				
Lowest		1	74	1	0	17.52	0.0565	18.52	0.0711				
Middle	64QAM	1	74	1	0	17.08	0.0511	18.08	0.0643				
Highest		1	74	1	0	16.60 0.0457		17.60	0.0575				
Limit	EIRP < 2W					Re	sult	PA	SS				

Radiated Spurious Emission

LTE Band 7 CA

Report No. : FG8O0518-01

			LTE	Band 7 / 20I	W + 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	-50.94	-25	-25.94	-74.95	-61.98	1.62	12.66	Н
	7560	-46.81	-25	-21.81	-74.48	-55.92	2.00	11.11	Н
	10080	-43.53	-25	-18.53	-74.6	-52.37	2.40	11.24	Н
									Н
									Н
									Н
Laurant									Н
Lowest	5040	-51.97	-25	-26.97	-75.6	-63.01	1.62	12.66	V
	7560	-47.12	-25	-22.12	-74.75	-56.23	2.00	11.11	V
	10080	-42.77	-25	-17.77	-74.46	-51.61	2.40	11.24	V
									V
									V
									V
									V

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-	5070 7605	-52.53 -46.96	-25	-27.53	-76.55	-63.60	1.63	12.70	Н
	7605	-46.96		I					
			-25	-21.96	-74.47	-56.08	2.00	11.12	Н
	10140	-43.27	-25	-18.27	-74.48	-52.06	2.40	11.19	Н
									Н
									Н
									Н
NA: -I -II -									Н
Middle	5070	-52.40	-25	-27.40	-76.06	-63.47	1.63	12.70	V
	7605	-46.62	-25	-21.62	-74.06	-55.74	2.00	11.12	V
	10140	-42.33	-25	-17.33	-74.01	-51.12	2.40	11.19	V
									V
									V
									V
									V
	5100	-52.49	-25	-27.49	-76.51	-63.59	1.64	12.74	Н
	7650	-46.04	-25	-21.04	-73.53	-55.16	2.01	11.13	Н
	10200	-43.10	-25	-18.10	-74.4	-51.84	2.40	11.14	Н
									Н
									Н
									Н
									Н
Highest	5100	-52.51	-25	-27.51	-76.23	-63.61	1.64	12.74	V
	7650	-45.76	-25	-20.76	-73.13	-54.88	2.01	11.13	V
	10200	-42.79	-25	-17.79	-74.45	-51.53	2.40	11.14	V
									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 : B2-2 of 6

LTE Band 41 CA

Report No. : FG8O0518-01

			LTE	Band 41 / 20	M + 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)
	5034	-52.10	-25	-27.10	-76.1	-63.13	1.62	12.65	Н
	7548	-46.93	-25	-21.93	-74.68	-56.04	2.00	11.11	Н
	10062	-43.65	-25	-18.65	-74.69	-52.50	2.40	11.25	Н
									Н
									Н
									Н
Lowest									Н
Lowest	5034	-52.60	-25	-27.60	-76.2	-63.63	1.62	12.65	V
	7548	-46.61	-25	-21.61	-74.32	-55.72	2.00	11.11	V
	10062	-43.07	-25	-18.07	-74.76	-51.92	2.40	11.25	V
									V
									V
									V
									V
	5184	-51.53	-25	-26.53	-75.57	-62.73	1.66	12.86	Н
	7780	-45.76	-25	-20.76	-73.18	-54.89	2.03	11.16	Н
	10377	-42.70	-25	-17.70	-74.37	-51.31	2.39	11.00	Н
									Н
									Н
									Н
N A: al all a									Н
Middle	5184	-52.34	-25	-27.34	-76.2	-63.54	1.66	12.86	V
	7780	-46.37	-25	-21.37	-73.51	-55.50	2.03	11.16	V
	10377	-42.76	-25	-17.76	-74.4	-51.37	2.39	11.00	V
									V
									V
									V
									V

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	5340	-50.86	-25	-25.86	-75.34	-62.24	1.70	13.08	Н
	8010	-44.98	-25	-19.98	-73.56	-54.14	2.06	11.22	Н
	8010	-44.90	-20	-19.90	-73.30	-54.14	2.00	11.22	П
	10683	-42.22	-25	-17.22	-74.17	-50.63	2.49	10.90	Н
									Н
									Н
									Н
I limb a sa									Н
Highest	5340	-51.48	-25	-26.48	-75.62	-62.86	1.70	13.08	V
	8010	-44.88	-25	-19.88	-73.31	-54.04	2.06	11.22	V
	10683	-42.50	-25	-17.50	-74.2	-50.91	2.49	10.90	V
									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 6

LTE Band 4 + LTE Band 12 CA

Report No. : FG8O0518-01

	LTE Band 4 / 20M / QPSK + LTE Band 12 / 10M / 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)					
	1396	-52.38	-13	-39.38	-64.61	-57.01	0.84	7.62	Н					
	2413	-53.36	-13	-40.36	-69.32	-60.66	1.13	10.58	Н					
	2719	-52.49	-13	-39.49	-68.97	-60.10	1.20	10.96	Н					
	3106	-52.47	-13	-39.47	-70.29	-60.59	1.29	11.55	Н					
	3421	-53.23	-13	-40.23	-70.87	-62.04	1.35	12.31	Н					
	4123	-51.17	-13	-38.17	-72.07	-60.33	1.47	12.78	Н					
	5131	-48.31	-13	-35.31	-72.18	-57.30	1.64	12.78	Н					
Laurant	5752	-48.82	-13	-35.82	-74.60	-58.24	1.73	13.30	Н					
Lowest	1396	-51.29	-13	-38.29	-62.39	-55.92	0.84	7.62	V					
	2413	-56.99	-13	-43.99	-72.96	-64.29	1.13	10.58	V					
	2719	-55.22	-13	-42.22	-71.65	-62.83	1.20	10.96	V					
	3106	-53.27	-13	-40.27	-71.43	-61.39	1.29	11.55	V					
	3421	-55.22	-13	-42.22	-73.28	-64.03	1.35	12.31	V					
	4123	-50.31	-13	-37.31	-71.28	-59.47	1.47	12.78	V					
	5131	-50.69	-13	-37.69	-74.31	-59.68	1.64	12.78	V					
	5752	-47.79	-13	-34.79	-72.84	-57.21	1.73	13.30	V					

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1405 -40.75 -27.75 -53.02 0.85 -13 -45.427.66 Η 2422 -46.70 -13 -33.70 -62.68 -54.01 1.13 10.59 Н 2746 -46.51 -13 -33.51 -63.11 -54.15 11.00 Н 1.21 3133 -46.09 -13 -33.09 -63.94 -54.27 1.29 11.62 Н 3448 -51.53 -13 -38.53 -69.49 -60.40 1.35 12.38 Н 4150 -44.30 -13 -31.30 -65.23 -53.45 1.47 12.77 Н 5167 -47.28-13 -34.28 -71.16 -56.31 1.65 12.83 Н 5743 -47.18 -13 -34.18 -72.86 -56.60 1.73 13.30 Н Middle 1405 -49.16 -13 -36.16 -60.20 -53.83 0.85 7.66 V V 2422 -56.12 -13 -43.12-72.15 -63.431.13 10.59 V 2746 -54.58 -13 -41.58 -71.13 -62.221.21 11.00 -70.42 -60.37 1.29 V 3133 -52.19 -13 -39.19 11.62 ٧ 3448 -54.53 -13 -41.53 -72.88 -63.40 1.35 12.38 V 4150 -48.44 -13 -35.44 -69.46 -57.59 1.47 12.77 V -74.39 5167 -50.72 -13 -37.72-59.75 1.65 12.83 -13 V 5743 -48.77 -35.77 -73.77 -58.19 1.73 13.30 1414 -50.65 -13 -37.65 -62.92 -55.36 0.85 7.70 Н 2440 -52.16 -13 -39.16 -68.14 -59.49 1.14 10.62 Н 1.21 2764 -47.96 -13 -34.96-64.62 -55.61 11.02 Η -44.30 -13 -31.30 -62.21 -52.52 1.30 11.66 Н 3151 3475 -53.75 -13 -40.75 -72.03 -62.68 1.36 12.44 Н -13 Н 4177 -43.11 -30.11 -64.07 -52.26 1.46 12.76 5212 -45.19 -13 -32.19 -69.15 -54.27 1.67 12.90 Н 5743 -47.74 -13 -34.74 -73.42 -57.16 1.73 13.30 Н Highest V 1414 -50.47 -13 -37.47 -61.51 -55.18 0.85 7.70 -56.95 -13 -43.95 -73.03 -64.28 10.62 V 2440 1.14 ٧ 2764 -53.14 -13 -40.14 -69.75 -60.79 1.21 11.02 3151 -49.73 -13 -36.73 -68.08 -57.95 1.30 11.66 ٧ 3475 -54.90 -13 -41.90 -73.55 -63.83 1.36 12.44 ٧ -67.94 12.76 4177 -46.85-13 -33.85 -56.00 1.46 ٧ 5212 -48.68 -13 -35.68 -72.45 -57.76 1.67 12.90 V 5743 -48.26 -13 -35.26 -73.26 -57.68 1.73 13.30 ٧

Report No.: FG800518-01

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

TEL: 886-3-327-3456 Page Number: B2-6 of 6