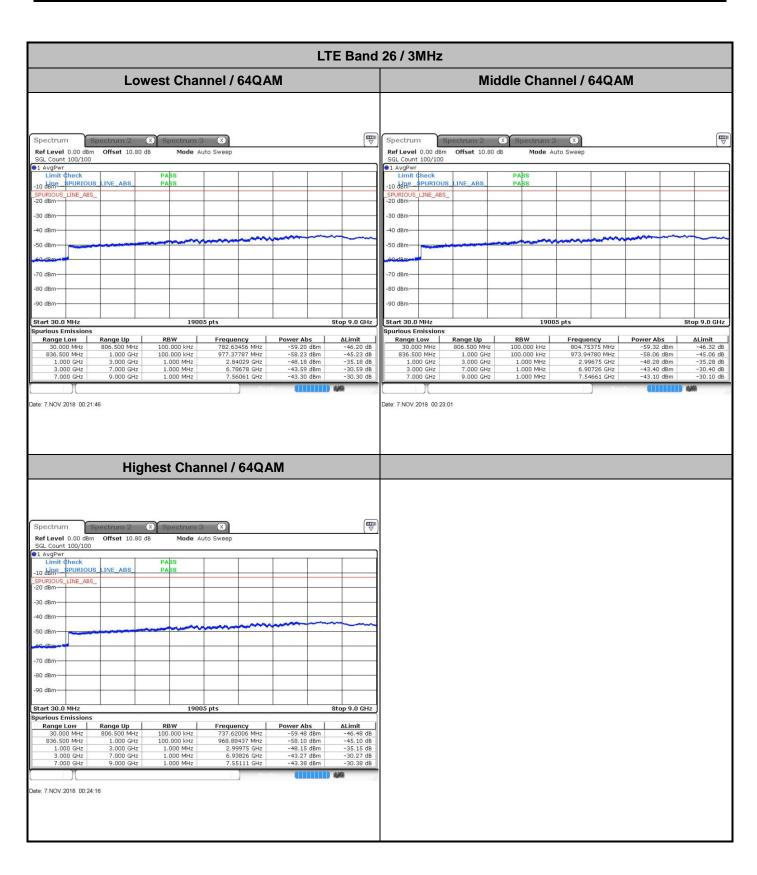


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LTE Band 26 / 1.4MHz **Lowest Channel / 64QAM** Middle Channel / 64QAM Spectrum Spectrum Offset 10.80 dB Mode Auto Sweep Offset 10.80 dB Mode Auto Sweep Ref Level 0.00 dBm Ref Level 0.00 dBm SGL Count 100/100 SGL Count 100/100 ●1 AvgPwr Limit ¢heck ●1 AvgPwr Limit ¢heck 10 dine SPURIOUS LINE ABS 10 dine SPURIOUS LINE ABS PURIOUS 20 dBm OUS_LINE_ABS_ _LINE_ABS_ 30 dBm -30 dBm 40 dBm 50 dBm 80 dBm 90 dBm Start 30.0 MHz Start 30.0 MH ious Emissi Spurious Emissions RBW 100.000 kHz 100.000 kHz 1.000 MHz 1.000 MHz 1.000 MHz 795.82846 MHz 844.91184 MHz 2.99175 GHz 6.79928 GHz 7.55111 GHz -46.06 dB -44.96 dB -34.58 dB -29.66 dB -29.84 dB Frequency
779.14205 MHz
989.95480 MHz
2.98475 GHz
6.91276 GHz
7.54411 GHz Power Abs
-59.08 dBm
-57.82 dBm
-47.80 dBm
-43.02 dBm
-42.87 dBm -59.06 dBm -57.96 dBm -47.58 dBm RBW 100.000 kHz 100.000 kHz 1.000 MHz Range Low 30.000 MHz Range Up 806.500 MHz Range Low 30.000 MHz Range Up 806.500 MHz ΔLimit -44.82 dB -34.80 dB -30.02 dB -29.87 dB 1.000 GHz 3.000 GHz 836.500 MHz 1.000 GHz 3.000 GHz 1.000 GHz 3.000 GHz 7.000 GHz 1.000 GHz 3.000 GHz 7.000 GHz 7.000 GHz 9.000 GHz -42.66 dBm -42.84 dBm 7.000 GHz 9.000 GHz 1.000 MHz 1.000 MHz Date: 5.NOV.2018 21:50:14 Date: 5.NOV.2018 21:51:19 **Highest Channel / 64QAM** Spectrum Ref Level 0.00 dBm Offset 10.80 dB Mode Auto Sweep SGL Count 100/100 1 AvgPwr Limit Check 10 dine SPURIOUS LINE ABS 30 dBm 40 dBm -50 dBm 70 dBn rious Emissions Range Low 30.000 MHz 836.500 MHz 1.000 GHz 3.000 GHz Range Up 806.500 MHz 1.000 GHz 3.000 GHz 7.000 GHz 9.000 GHz RBW 100.000 kHz 100.000 kHz 1.000 MHz 1.000 MHz 1.000 MHz 799.70902 MHz 973.45779 MHz 2.97076 GHz 6.78528 GHz 7.54261 GHz ate: 5.NOV.2018 21:52:23

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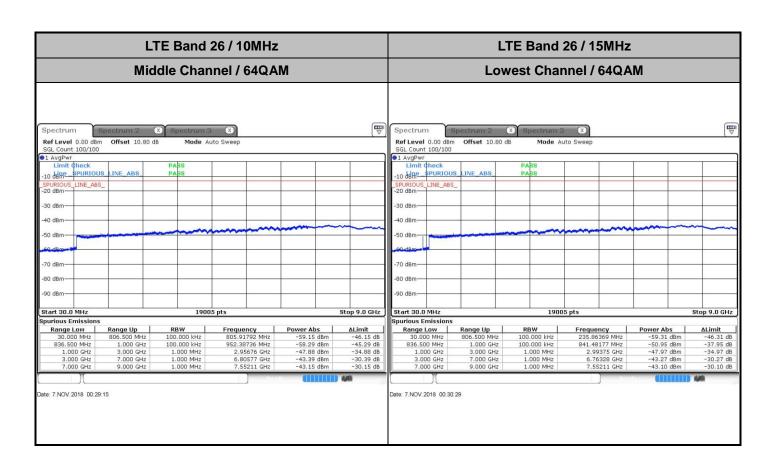


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LTE Band 26 / 5MHz Lowest Channel / 64QAM Middle Channel / 64QAM Spectrum 2 X Spectrum 3 X Spectrum 2 X Spectrum 3 X Spectrum Spectrum Ref Level 0.00 dBm Offset 10.80 dB Ref Level 0.00 dBm Offset 10.80 dB Mode Auto Sweep Mode Auto Sweep SGL Count 100/100 SGL Count 100/100 ●1 AvgPwr Limit ¢heck ●1 AvgPwr Limit ¢heck 10 dine SPURIOUS LINE ABS 10 dine SPURIOUS LINE ABS PURIOUS 20 dBm _LINE_ABS_ OUS_LINE_ABS_ 20 dBm 30 dBm -30 dBm 40 dBm 50 dBm 80 dBm 90 dBm Start 30.0 MHz Start 30.0 MH ious Emissi Spurious Emissions RBW 100.000 kHz 100.000 kHz 1.000 MHz 1.000 MHz 1.000 MHz 770.99288 MHz 995.50824 MHz 2.97776 GHz 6.90776 GHz 7.54561 GHz Power Abs
-59,31 dBm
-58,10 dBm
-48,12 dBm
-43,52 dBm
-43,12 dBm -46.31 dB -45.10 dB -35.12 dB -30.52 dB -30.12 dB Frequency
798.93291 MHz
960.22752 MHz
2.98275 GHz
6.80277 GHz
7.54761 GHz Power Abs
-59.32 dBm
-58.40 dBm
-48.06 dBm
-43.44 dBm
-43.31 dBm RBW 100.000 kHz 100.000 kHz 1.000 MHz Range Low 30.000 MHz Range Up 806.500 MHz Range Low 30.000 MHz Range Up 806.500 MHz **∆Limit** -46.32 dB -46.32 dB -45.40 dB -35.06 dB -30.44 dB -30.31 dB 1.000 GHz 3.000 GHz 836.500 MHz 1.000 GHz 3.000 GHz 1.000 GHz 3.000 GHz 7.000 GHz 1.000 GHz 3.000 GHz 7.000 GHz 7.000 GHz 9.000 GHz 7.000 GHz 9.000 GHz 1.000 MHz 1.000 MHz Date: 7.NOV.2018 00:25:30 Date: 7.NOV.2018 00:26:45 **Highest Channel / 64QAM** Spectrum Ref Level 0.00 dBm Offset 10.80 dB Mode Auto Sweep SGL Count 100/100 1 AvgPwr Limit Check 10 dine SPURIOUS LINE ABS 30 dBm 40 dBm -50 dBm 70 dBm rious Emissions Range Low 30.000 MHz 836.500 MHz 1.000 GHz 3.000 GHz Range Up 806.500 MHz 1.000 GHz 3.000 GHz 7.000 GHz 9.000 GHz RBW 100.000 kHz 100.000 kHz 1.000 MHz 1.000 MHz 1.000 MHz 732.57534 MHz 966.92433 MHz 2.99125 GHz 6.75328 GHz 7.55011 GHz ite: 7.NOV.2018 00:28:00

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Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
- ,		BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0018	
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0001	PASS
-20	Normal Voltage	0.0055	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0070	ļ

Report No.: FG8O0518E

Note:

- 1. Normal Voltage =3.9 V.; Battery End Point (BEP) =3.65 V.; Maximum Voltage =4.3 V.
- **2.** The frequency fundamental emissions stay within the authorized frequency block.

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Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
_ ,		BW 15MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0035	
40	Normal Voltage	0.0030	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0116	PASS
-20	Normal Voltage	0.0083	
-30	Normal Voltage	0.0065	
20	Maximum Voltage	0.0089	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0041	

Note:

- 1. Normal Voltage =3.9 V.; Battery End Point (BEP) =3.65 V.; Maximum Voltage =4.3 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.

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Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>

the porting only?												
	LTE Band 26 / 15MHz (Channel 26765)											
Channal	Mode	RB		Cond	lucted	ERP						
Channel	Iviode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)					
Lowest		1	0	22.91	0.20	17.66	0.06					
Middle	QPSK	-	-	-	-	-	-					
Highest	1	-	-	-	-	-	-					
Lowest		1	0	22.00	0.16	16.75	0.05					
Middle	16QAM	-	-	-	-	-	-					
Highest	1	-	-	-	-	-	-					
Lowest		1	0	21.00	0.13	15.75	0.04					
Middle	64QAM	-	-	-	-	-	-					
Highest]	-	-	-	-	-	-					
Limit	ERP < 7W			Re	sult	PA	SS					

Report No. : FG800518E

Radiated Spurious Emission

Part 90S LTE Band 26

Report No.: FG8O0518E

	Part 90S LTE Band 26 / 3MHz / 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)		
	1624	-59.90	-13	-46.90	-71.06	-65.41	0.91	8.57	Н		
	2443	-57.35	-13	-44.35	-73.34	-64.68	1.14	10.62	Н		
	3257	-55.83	-13	-42.83	-73.63	-64.28	1.32	11.92	Н		
									Н		
									Н		
									Н		
Lawast									Н		
Lowest	1624	-60.62	-13	-47.62	-71.31	-66.13	0.91	8.57	V		
	2443	-57.68	-13	-44.68	-73.77	-65.01	1.14	10.62	V		
	3257	-55.45	-13	-42.45	-73.73	-63.90	1.32	11.92	V		
									V		
									V		
									V		
									V		

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	Part 90S LTE Band 26 / 3MHz / 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)		
	1632	-54.45	-13	-41.45	-65.64	-59.99	0.91	8.60	Н		
	2456	-55.30	-13	-42.30	-71.31	-62.65	1.14	10.64	Н		
	3271	-55.90	-13	-42.90	-73.66	-64.38	1.32	11.95	Н		
									Н		
									Н		
									Н		
Middle									Н		
Middle	1632	-61.16	-13	-48.16	-71.88	-66.70	0.91	8.60	V		
	2456	-53.88	-13	-40.88	-70.02	-61.23	1.14	10.64	V		
	3271	-55.52	-13	-42.52	-73.75	-64.00	1.32	11.95	V		
									V		
									V		
									V		
									V		
	1640	-60.52	-13	-47.52	-71.75	-66.08	0.92	8.63	Н		
	2464	-57.83	-13	-44.83	-73.84	-65.19	1.14	10.65	Н		
	3285	-56.11	-13	-43.11	-73.88	-64.62	1.32	11.98	Н		
									Н		
									Н		
									Н		
Highest									Н		
1g.1.001	1640	-60.29	-13	-47.29	-70.98	-65.85	0.92	8.63	V		
	2464	-56.49	-13	-43.49	-72.63	-63.85	1.14	10.65	V		
	3285	-55.73	-13	-42.73	-73.97	-64.24	1.32	11.98	V		
									V		
									V		
									V		
									V		

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

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			Part 9	0S LTE Band	d 26 / 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)
	1632	-49.00	-13	-36.00	-60.19	-54.54	0.91	8.60	Н
	2440	-50.39	-13	-37.39	-66.37	-57.72	1.14	10.62	Н
	3258	-56.03	-13	-43.03	-73.83	-64.48	1.32	11.92	Н
									Н
									Н
									Н
Middle									Н
ivildale	1632	-60.76	-13	-47.76	-71.48	-66.30	0.91	8.60	V
	2440	-57.27	-13	-44.27	-73.35	-64.60	1.14	10.62	V
	3258	-55.49	-13	-42.49	-73.77	-63.94	1.32	11.92	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 : B2-3 of 4

			Part 9	0S LTE Band	d 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)
	1632	-41.17	-13	-28.17	-52.36	-46.71	0.91	8.60	Н
	2444	-44.17	-13	-31.17	-60.16	-51.50	1.14	10.62	Н
	3256	-55.67	-13	-42.67	-73.47	-64.12	1.32	11.91	Н
	4072	-52.95	-13	-39.95	-73.8	-62.11	1.48	12.79	Н
									Н
									Н
Lowest									Н
Lowest	1632	-44.18	-13	-31.18	-54.9	-49.72	0.91	8.60	V
	2444	-40.18	-13	-27.18	-56.27	-47.51	1.14	10.62	V
	3256	-55.15	-13	-42.15	-73.43	-63.60	1.32	11.91	V
	4072	-52.63	-13	-39.63	-73.48	-61.79	1.48	12.79	V
									V
									V
									V

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

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