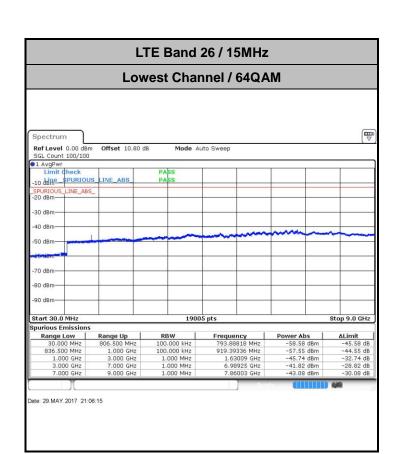
LTE Band 26 / 5MHz **Highest Channel / 64QAM** Spectrum Ref Level 0.00 dBm Offset 10.80 dB Mode Auto Sweep SGL Count 100/100 10 dine SPURIOUS LINE ABS LINE_ABS_ SPURIOUS -20 dBm--30 dBm-40 dBm -50 dBm-Spurious Emissions Range Low 30.000 MHz 836.500 MHz 1.000 GHz 3.000 GHz 7.000 GHz RBW 100.000 kHz 100.000 kHz 1.000 MHz 1.000 MHz 1.000 MHz Frequency 716.66504 MHz 931.97028 MHz 1.63909 GHz 6.99025 GHz 7.86053 GHz Power Abs
-58.60 dBm
-57.49 dBm
-45.70 dBm
-42.14 dBm
-42.90 dBm -45.60 dB -44.49 dB -32.70 dB -29.14 dB -29.90 dB 1.000 GHz 3.000 GHz 7.000 GHz 9.000 GHz ate: 29.MAY.2017 21:03:42 LTE Band 26 / 10MHz Middle Channel / 64QAM Spectrum Ref Level 0.00 dBm Offset 10.80 dB Mode Auto Sweep SGL Count 100/100 10 dine SPURIOUS LINE ABS LINE_ABS_ SPURIOUS -20 dBm--30 dBm -50 dBm--80 dBm 90 dBm Stop 9.0 GHz Start 30.0 MHz 19005 pts Spurious Emissions Range Low 30.000 MHz 836.500 MHz 1.000 GHz 3.000 GHz 7.000 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 805.91792 MHz 836.74500 MHz 1.62959 GHz 6.85177 GHz 7.85604 GHz Power Abs
-57.75 dBm
-57.60 dBm
-45.85 dBm
-42.01 dBm
-43.28 dBm ΔLimit
-44.75 dB
-44.60 dB
-32.85 dB
-29.01 dB
-30.28 dB

ate: 29.MAY.2017 21:04:59

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Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
T	Welfe	BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0016	
40	Normal Voltage	0.0093	
30	Normal Voltage	0.0106	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0084	
-10	Normal Voltage	0.0017	PASS
-20	Normal Voltage	0.0112	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0035	1
20	Normal Voltage	0.0000]
20	Battery End Point	0.0103	

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Note:

- 1. Normal Voltage =3.8 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.2 V.
- 2. Note: 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	0.0100	
40	Normal Voltage	0.0082	
30	Normal Voltage	0.0094	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0100	
0	Normal Voltage	0.0121	
-10	Normal Voltage	0.0000	PASS
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0116	

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Note:

- 1. Normal Voltage =3.8 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.2 V.
- 2. Note: 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 26 / 10MHz (Average) (GT - LC = -4.92 dB)												
Channel	Mode	RB		Cond	lucted	ERP							
Chamilei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)						
Lowest													
Middle	QPSK	1	25	23.86	0.2430	16.79	0.0477						
Highest													
Lowest													
Middle	16QAM	1	49	23.94	0.2475	16.87	0.0486						
Highest													
Lowest													
Middle	64QAM	1	49	23.16	0.2068	16.09	0.0406						
Highest													
Limit	ERP < 100W			Re	sult	PA	SS						

	LTE Band 26 / 15MHz (Average) (GT - LC = -4.92 dB)												
Channel	Mode	RB		Cond	lucted	ERP							
Chamilei	Wode	Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)						
Lowest		36	0	23.706	0.2347	16.636	0.0461						
Middle	QPSK												
Highest													
Lowest		1	0	23.936	0.2475	16.866	0.0486						
Middle	16QAM												
Highest													
Lowest		1	37	23.796	0.2397	16.726	0.0471						
Middle	64QAM												
Highest													
Limit	ERP < 100W			Re	sult	PA	SS						

Radiated Spurious Emission

LTE Band 26(Part 90S)

			Lī	ΓE Band 26 /	1.4MHz / QI	PSK			
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	-46.39	-13	-33.39	-56.94	-53.34	0.53	9.63	Н
	2472	-61.38	-13	-48.38	-75.13	-69.36	0.65	10.78	Н
	4944	-54.53	-13	-41.53	-75.39	-63.92	0.66	12.20	Н
									Н
									Н
									Н
Lighoot									Н
Highest	1648	-45.17	-13	-32.17	-55.43	-52.12	0.53	9.63	V
	2472	-60.04	-13	-47.04	-74.39	-68.02	0.65	10.78	V
	4944	-56.00	-13	-43.00	-76.98	-65.39	0.66	12.20	V
									V
									V
									V
									V

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

	LTE Band 26 / 3MHz / 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	-48.98	-13	-35.98	-59.53	-55.93	0.53	9.63	Н				
	2472	-61.33	-13	-48.33	-75.1	-69.31	0.65	10.78	Н				
	3296	-59.66	-13	-46.66	-76.06	-68.74	0.76	11.99	Н				
									Н				
									Н				
									Н				
Llighoot									Н				
Highest	1648	-46.36	-13	-33.36	-56.62	-53.31	0.53	9.63	V				
	2472	-60.95	-13	-47.95	-75.2	-68.93	0.65	10.78	V				
	3296	-59.73	-13	-46.73	-76.08	-68.81	0.76	11.99	V				
									V				
									V				
									V				
		·							V				

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	LTE Band 26 / 5MHz / 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)				
	1640	-51.78	-13	-38.78	-62.36	-58.71	0.52	9.61	Н				
	2460	-61.55	-13	-48.55	-75.35	-69.52	0.65	10.77	Н				
	3280	-59.72	-13	-46.72	-76.06	-68.76	0.75	11.94	Н				
									Н				
Llighoot									Н				
Highest	1640	-49.35	-13	-36.35	-59.6	-56.28	0.52	9.61	V				
	2460	-60.24	-13	-47.24	-74.6	-68.21	0.65	10.77	V				
	3280	-59.84	-13	-46.84	-76.2	-68.88	0.75	11.94	V				
									V				
									V				

	LTE Band 26 / 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)					
	1645	-53.27	-13	-40.27	-63.84	-60.21	0.53	9.62	Н					
	2464	-61.44	-13	-48.44	-75.24	-69.41	0.65	10.77	Н					
	3288	-59.52	-13	-46.52	-75.92	-68.58	0.76	11.96	Н					
									Н					
Middle									Н					
ivildale	1645	-49.77	-13	-36.77	-60.02	-56.71	0.53	9.62	V					
	2464	-61.05	-13	-48.05	-75.42	-69.02	0.65	10.77	V					
	3288	-59.52	-13	-46.52	-75.92	-68.58	0.76	11.96	V					
			_						V					
									V					

	LTE Band 26 / 15MHz / 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)					
	1640	-56.92	-13	-43.92	-67.49	-63.85	0.52	9.61	Н					
	2460	-60.94	-13	-47.94	-74.74	-68.91	0.65	10.77	Н					
	3280	-59.30	-13	-46.30	-75.66	-68.34	0.75	11.94	Н					
									Н					
Lowest									Н					
Lowest	1640	-55.14	-13	-42.14	-65.42	-62.07	0.52	9.61	V					
	2460	-60.79	-13	-47.79	-75.2	-68.76	0.65	10.77	V					
	3280	-59.27	-13	-46.27	-75.67	-68.31	0.75	11.94	V					
									V					
									V					

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