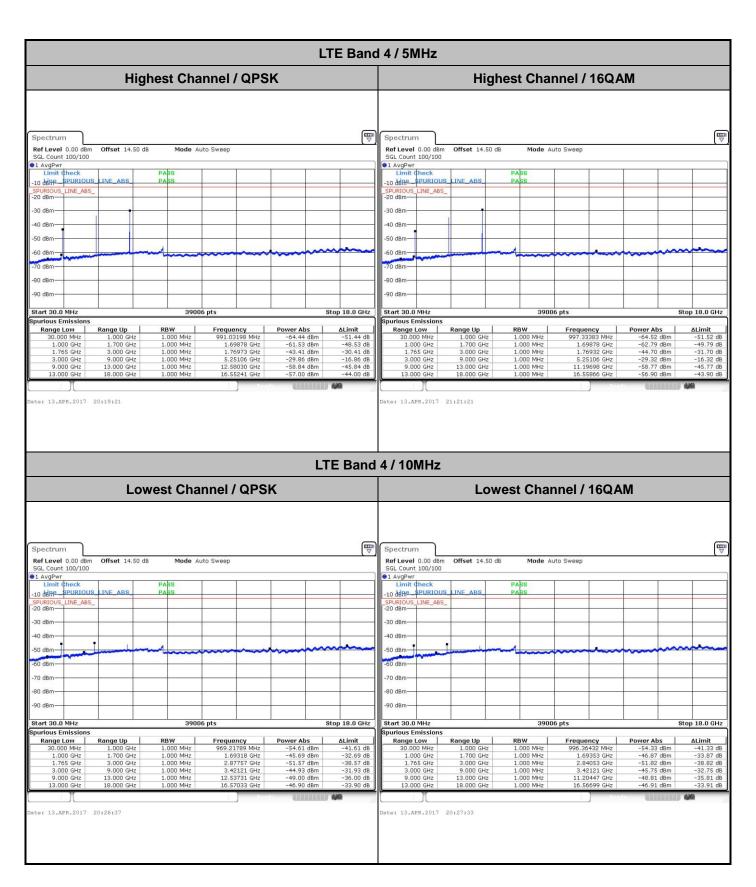


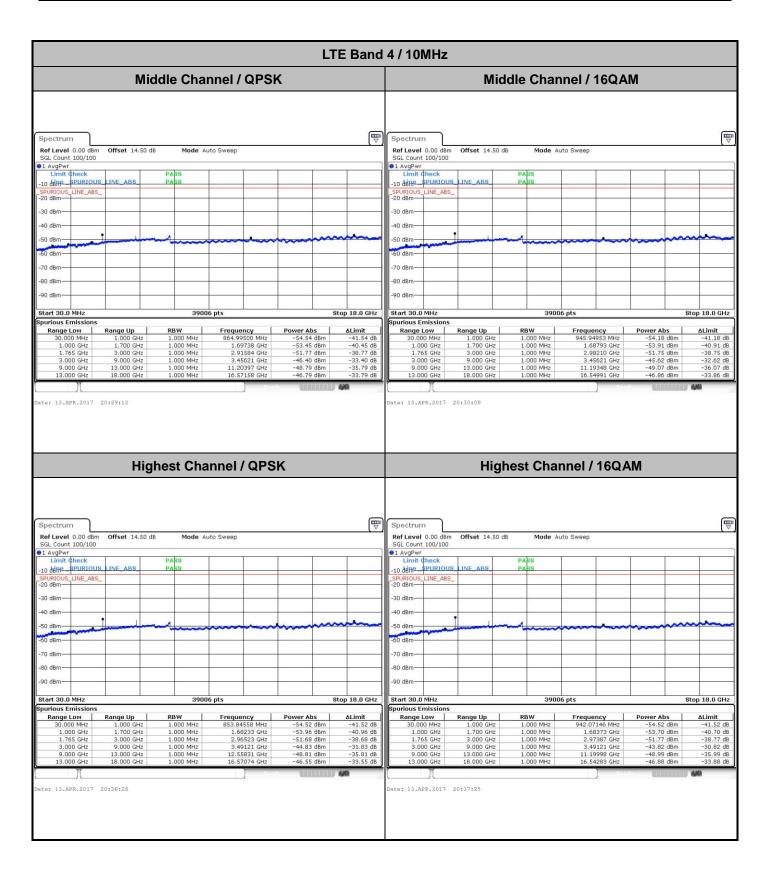
TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A56 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report Template No.: BU5-FGLTE Version 1.6



TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A57 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B



TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A58 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B

LTE Band 4 / 15MHz **Lowest Channel / QPSK Lowest Channel / 16QAM** Spectrum Spectrum Ref Level 30.00 dBm Offset 14.50 dB Ref Level 30.00 dBm Offset 14.50 dB Mode Auto Sweep Mode Auto Sweep SGL Count 100/100 SGL Count 100/100 AvgPwr
 Limit Check 20 d**bine** 20 dbine SPURIOUS 0 dBm SPURIOUS_LINE_ABS_ -20 dBm -10 dBm _LINE_ABS_ -50 dBm -50 dBm Start 30.0 MHz Stop 18.0 GHz Start 30.0 MHz 39006 pts Stop 18.0 GHz rious Emissio Spurious Emissions Range Up RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz Power Abs
-40.11 dBm
-39.67 dBm
-37.76 dBm
-33.31 dBm
-33.45 dBm
-30.92 dBm 1.000 MHz Power Abs -40.13 dBm -39.75 dBm -37.83 dBm -33.25 dBm -33.41 dBm -30.96 dBm Frequency 884.87006 MHz 1.69388 GHz 2.97058 GHz Range Low 30,000 MHz Range Low 30.000 MH; 21.22689 MHz 1.69283 GHz 2.86193 GHz 6.98792 GHz 11.19948 GHz 16.60074 GHz 1.000 MHz 1.000 GHz 1.765 GHz 3.000 GHz 9.000 GHz 13.000 GHz 1.700 GHz 3.000 GHz 1.700 GHz 3.000 GHz 1.000 GHz 1.765 GHz 12.89376 GHz 16.57408 GHz te: 13.APR.2017 20:43:44 ate: 13.APR.2017 20:44:40 Middle Channel / QPSK Middle Channel / 16QAM Spectrum Spectrum Ref Level 30.00 dBm Offset 14.50 dB Mode Auto Sweep Ref Level 30.00 dBm Offset 14.50 dB Mode Auto Sweep SGL Count 100/100

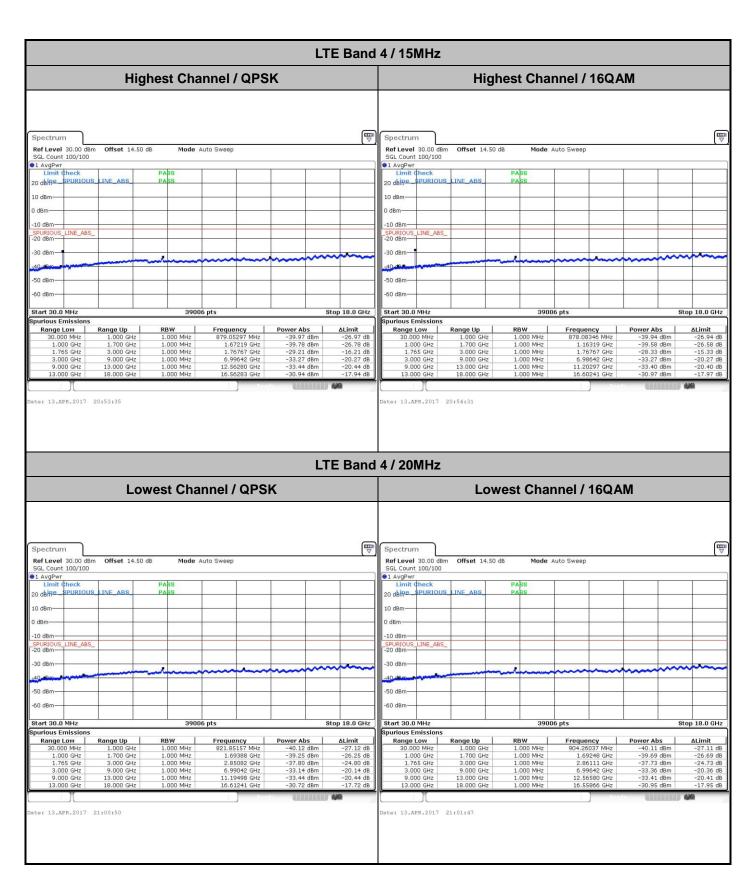
1 AvgPwr

Limit Check SGL Count 100/100 1 AvgPwr Limit Check on deine 20 daine 10 dBm 10 dBm -10 dBm SPURIOUS_LINE_ABS_ -20 dBm JS_LINE_ABS 20 dBm 30 dBm -30 dBm -50 dBm--50 dBm -60 dBm 60 dBm Stop 18.0 GHz Start 30.0 MHz Start 30.0 MHz 39006 pts Stop 18.0 GHz rious Emission Spurious Emissions Range Low
30.000 MHz
1.000 GHz
1.765 GHz
3.000 GHz
9.000 GHz
13.000 GHz 1.000 GHz 1.700 GHz 1.700 GHz 3.000 GHz 9.000 GHz 13.000 GHz 18.000 GHz Power Abs
-40.09 dBm
-39.49 dBm
-37.84 dBm
-33.30 dBm
-33.49 dBm
-30.79 dBm 916.37931 MHz 1.18173 GHz 2.82037 GHz 6.97592 GHz 11.19098 GHz 16.60199 GHz -27.09 dB -26.49 dB -24.84 dB -20.30 dB -20.49 dB -17.79 dB te: 13.APR.2017 20:46:19

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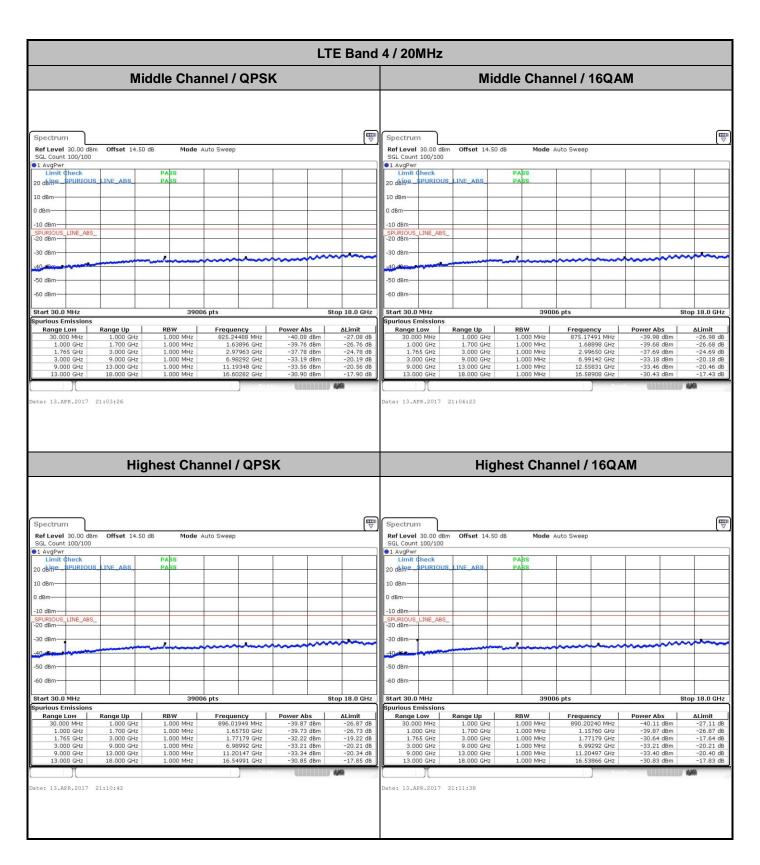
TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A59 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B



TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A60 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B



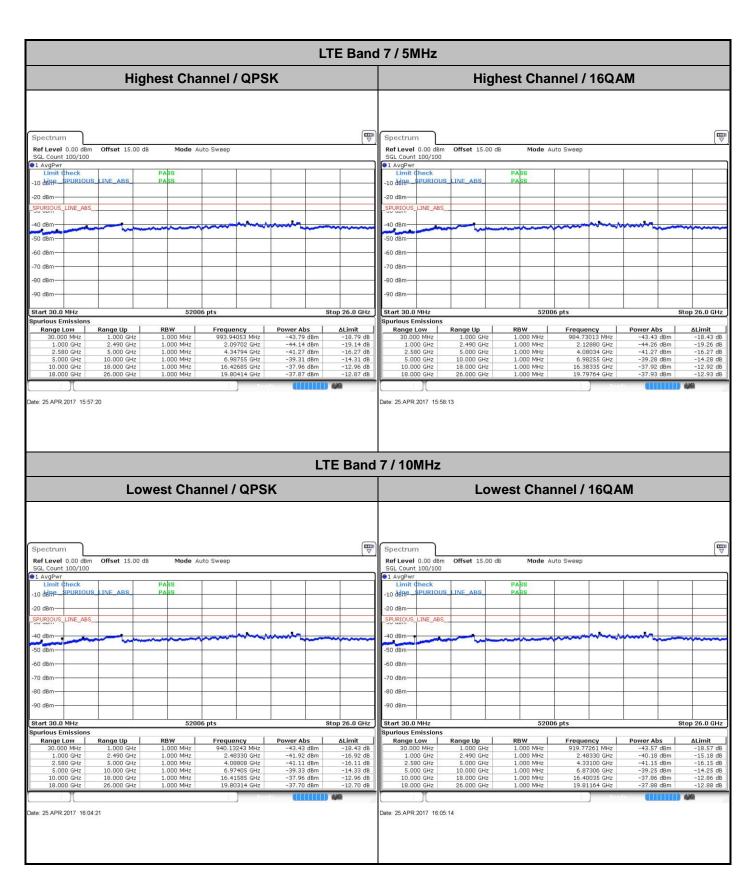
TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A61 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report Template No.: BU5-FGLTE Version 1.6



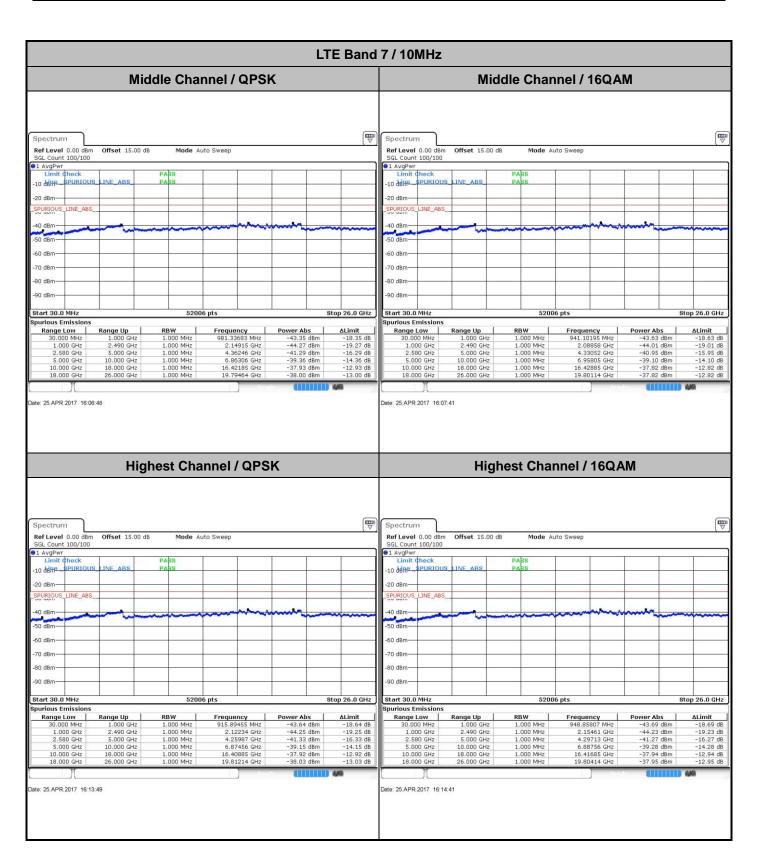
TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A62 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report Template No.: BU5-FGLTE Version 1.6



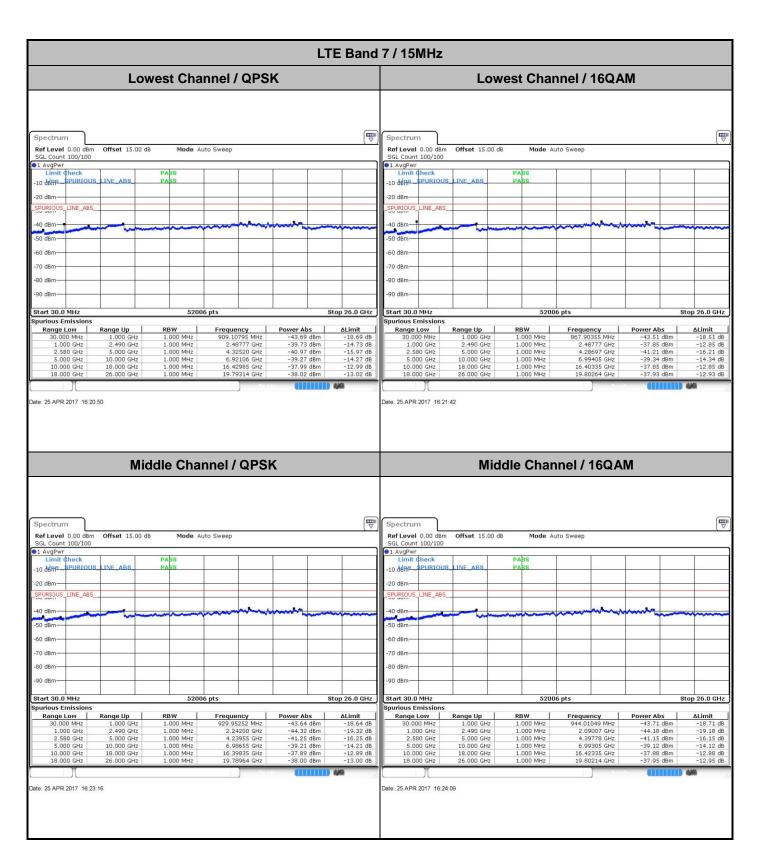
TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A63 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B



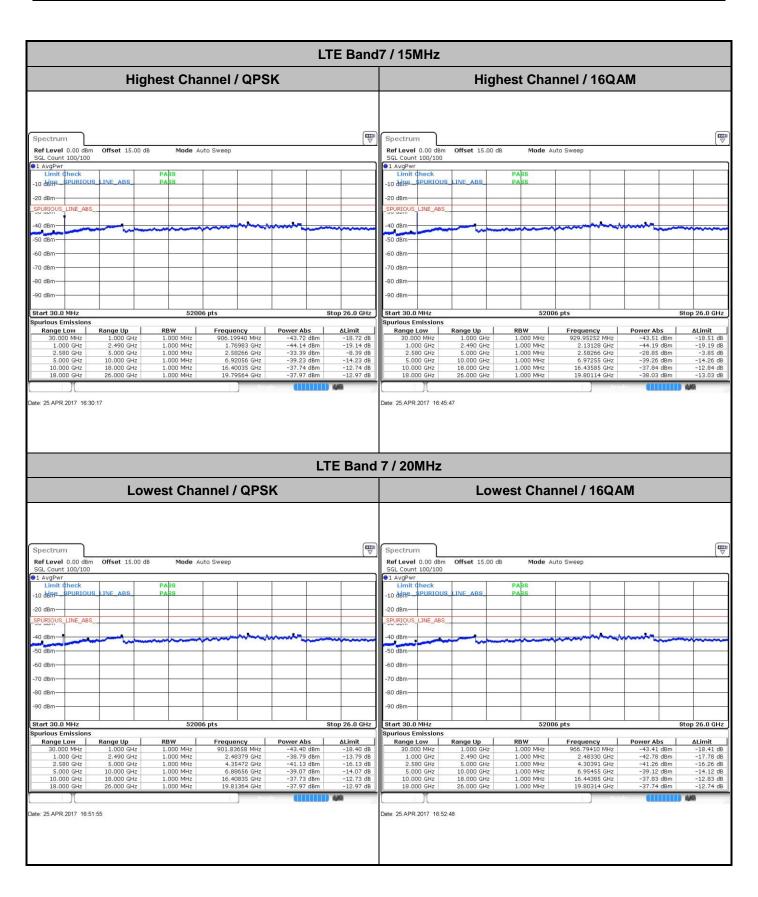
Page Number : A64 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report Template No.: BU5-FGLTE Version 1.6



TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A65 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B



TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A66 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01
Report Template No.: BU5-FGLTE Version 1.6

LTE Band 7 / 20MHz Middle Channel / QPSK Middle Channel / 16QAM **B** Spectrum Spectrum Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep GL Count 100/100 GL Count 100/100 1 AvgPwr -10 ddne 10 dene 70 dBm 70 dBm 80 dBm -80 dBm Start 30.0 MHz 520 Stop 26.0 GHz Start 30.0 MHz 52000 Stop 26.0 GHz rious Emissio Spurious Emissions Range Up RBW 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz Power Abs
-43.71 dBm
-44.23 dBm
-41.17 dBm
-39.32 dBm
-37.90 dBm ΔLimit
-18.71 dB
-19.23 dB
-16.17 dB
-14.32 dB
-12.90 dB
-13.02 dB 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz ΔLimit
-18.77 dB
-18.50 dB
-16.21 dB
-14.28 dB
-12.65 dB
-12.90 dB 941.10195 MHz 2.14369 GHz 4.31697 GHz 956.61419 MHz 2.48975 GHz 4.04260 GHz 6.93656 GHz Range Low 30,000 MHz Range Low 30.000 MH; -43.77 dBm -43.50 dBm -41.21 dBm -39.28 dBm -37.65 dBm -37.90 dBm 30.000 MHz 1.000 GHz 2.580 GHz 5.000 GHz 10.000 GHz 18.000 GHz 2.490 GHz 5.000 GHz 1.000 GHz 2.580 GHz .000 GHz 6.88556 GHz 18.000 GHz 26.000 GHz 16.44735 GHz 20.15412 GHz ate: 25.APR.2017 16:54:22 ate: 25.APR.2017 16:55:15 **Highest Channel / QPSK Highest Channel / 16QAM** Spectrum Spectrum Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep Ref Level 0.00 dBm Offset 15.00 dB Mode Auto Sweep Count 100/100 GL Count 100/100 1 AvgPwr Limit Check 1 AvgPwr Limit Ch -10 dene 10 dene -20 dBm--20 dBm LINE ABS SPURIOU SPURIOU: -60 dBm -60 dBm -80 dBm -80 dBm 90 dBm 90 dBm Start 30.0 MHz Stop 26.0 GHz Start 30.0 MHz Stop 26.0 GHz 52006 pts 52006 pts Spurious Emissions rious Emissio Range Low 30.000 MHz 1.000 GHz 2.580 GHz 5.000 GHz 10.000 GHz 18.000 GHz 18.000 GHz ΔLimit
-18.63 dB
-19.29 dB
-5.73 dB
-14.28 dB
-12.84 dB
-13.04 dB Prequency 907.65367 MHz 2.09752 GHz 2.58702 GHz 6.93256 GHz 16.40185 GHz 19.80564 GHz Range Low 30.000 MHz -18.55 dB -19.00 dB -6.01 dB -14.07 dB -12.68 dB -12.99 dB ate: 25.APR.2017 17:01:23 ate: 25.APR.2017 17:02:16

SPORTON International (ShenZhen) INC.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A67 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B

Frequency Stability

Test (Conditions	LTE Band 4 (QPSK) / Middle Channel	Limit
		BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0167	
40	Normal Voltage	0.0121	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0035	
-10	Normal Voltage	0.0058	PASS
-20	Normal Voltage	0.0104	
-30	Normal Voltage	0.0127	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

- 1. Normal Voltage =3.8 V.; Battery End Point (BEP) =3.6 V.; Maximum Voltage =4.35 V.
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block.

SPORTON International (ShenZhen) INC.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A68 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B

Test (Conditions	LTE Band 7 (QPSK) / Middle Channel	Limit
_ ,		BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0118	
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0051	
0	Normal Voltage	0.0067	
-10	Normal Voltage	0.0083	PASS
-20	Normal Voltage	0.0091	
-30	Normal Voltage	0.0138	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

- 1. Normal Voltage =3.8 V.; Battery End Point (BEP) =3.6 V.; Maximum Voltage =4.35 V.
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : A69 of A69
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B

Appendix B. Test Results of Radiated Test

EIRP

	LTE Band 4 / 1.4MHz (Average)											
0 1 1	Modulation	F	RB	Horiz	ontal	Vert	ical					
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		3	0	23.94	0.2477	24.28	0.2679					
Middle	QPSK	3	3	23.78	0.2388	24.64	0.2911					
Highest		3	0	23.78	0.2388	24.68	0.2938					
Lowest		3	0	22.97	0.1982	23.29	0.2133					
Middle	16QAM	1	3	23.12	0.2051	23.91	0.2460					
Highest		1	0	22.92	0.1959	23.80	0.2399					
Limit	EIRI	EIRP < 1W			Result		PASS					

	LTE Band 4 / 3MHz (Average)										
Channal	Meduletien	F	RB	Horizo	ontal	Vert	ical				
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)				
Lowest		1	8	23.80	0.2399	24.08	0.2559				
Middle	QPSK	1	8	23.86	0.2432	24.66	0.2924				
Highest		1	8	23.69	0.2339	24.60	0.2884				
Lowest		1	8	22.83	0.1919	23.17	0.2075				
Middle	16QAM	1	0	22.99	0.1991	23.76	0.2377				
Highest		1	0	22.77	0.1892	23.72	0.2355				
Limit	EIRI	o < 1W		Result		PASS					

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451

: B1 of B10 Page Number Report Issued Date: Aug. 09, 2017 : Rev. 01 Report Version

Report No. : FG731002-01B

	LTE Band 4 / 5MHz (Average)										
Channel	Modulation	F	RB	Horiz	ontal	Vert	ical				
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)				
Lowest		1	12	23.73	0.2360	24.06	0.2547				
Middle	QPSK	1	12	23.71	0.2350	24.35	0.2723				
Highest		1	0	23.51	0.2244	24.47	0.2799				
Lowest		1	12	23.40	0.2188	23.57	0.2275				
Middle	16QAM	1	0	23.19	0.2084	23.77	0.2382				
Highest		1	0	22.90	0.1950	23.78	0.2388				
Limit	EIRI	P < 1W		Result		PASS					

LTE Band 4/ 10MHz (Average)										
Channal	Madulation	F	RB	Horizo	ontal	Vert	ical			
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)			
Lowest		1	0	23.75	0.2371	23.95	0.2483			
Middle	QPSK	1	0	23.85	0.2427	24.45	0.2786			
Highest		1	0	23.73	0.2360	24.55	0.2851			
Lowest		1	0	23.90	0.2455	24.23	0.2649			
Middle	16QAM	1	0	24.04	0.2535	24.68	0.2938			
Highest		1	0	23.94	0.2477	24.88	0.3076			
Limit	EIRI	O < 1W		Res	sult	PASS				

Page Number : B2 of B10
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01
Report Template No.: BU5-FGLTE Version 1.6

	LTE Band 4 / 15MHz (Average)										
Channel	Modulation	F	RB	Horizo	ontal	Verti	ical				
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)				
Lowest		1	0	23.91	0.2460	24.20	0.2630				
Middle	QPSK	1	0	23.93	0.2472	24.65	0.2917				
Highest		1	0	23.95	0.2483	24.81	0.3027				
Lowest		1	0	23.96	0.2489	24.27	0.2673				
Middle	16QAM	1	0	24.01	0.2518	24.74	0.2979				
Highest		1	0	24.02	0.2523	24.94	0.3119				
Limit	EIRI	IRP < 1W		Result		PASS					

	LTE Band 4 / 20MHz (Average)										
Channal	Madulation	F	RB	Horizo	ontal	Vert	ical				
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)				
Lowest		1	0	23.93	0.2472	24.21	0.2636				
Middle	QPSK	1	0	23.97	0.2495	24.59	0.2877				
Highest		1	0	23.80	0.2399	24.66	0.2924				
Lowest		1	0	23.98	0.2500	24.28	0.2679				
Middle	16QAM	1	0	24.01	0.2518	24.67	0.2931				
Highest		1	0	24.06	0.2547	24.93	0.3112				
Limit	EIRI	O < 1W		Res	sult	PASS					

Page Number : B3 of B10
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01
Report Template No.: BU5-FGLTE Version 1.6

	LTE Band 7 / 5MHz (Average)										
Channel	Modulation	F	RB	Horizo	ontal	Vert	ical				
Channel	Wiodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)				
Lowest		1	0	17.96	0.0625	17.68	0.0586				
Middle	QPSK	1	12	17.13	0.0516	16.65	0.0462				
Highest		1	0	18.28	0.0673	17.68	0.0586				
Lowest		1	0	16.91	0.0491	16.68	0.0466				
Middle	16QAM	1	12	16.64	0.0461	16.27	0.0424				
Highest		1	0	17.44	0.0555	16.85	0.0484				
Limit	EIRI	RP < 2W		Result		PASS					

	LTE Band 7 / 10MHz (Average)										
Channal	Madulation	F	RB	Horizo	ontal	Vert	ical				
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)				
Lowest		1	25	17.77	0.0598	17.39	0.0548				
Middle	QPSK	1	49	17.31	0.0538	16.89	0.0489				
Highest		1	0	15.54	0.0358	14.85	0.0305				
Lowest		1	25	16.87	0.0486	16.54	0.0451				
Middle	16QAM	1	49	16.44	0.0441	16.03	0.0401				
Highest		1	0	14.46	0.0279	13.80	0.0240				
Limit	EIRI	o < 2W		Res	sult	PASS					

Page Number : B4 of B10
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01
Report Template No.: BU5-FGLTE Version 1.6

	LTE Band 7 / 15MHz (Average)										
Channel	Modulation	F	RB	Horizo	ontal	Vert	ical				
Channel	Wiodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)				
Lowest		1	74	17.77	0.0598	17.60	0.0575				
Middle	QPSK	1	74	17.10	0.0513	16.58	0.0455				
Highest		1	37	15.35	0.0343	14.53	0.0284				
Lowest		1	74	17.02	0.0504	16.92	0.0492				
Middle	16QAM	1	0	16.47	0.0444	16.09	0.0406				
Highest		1	37	15.19	0.0330	14.71	0.0296				
Limit	EIRI	EIRP < 2W		Result		PASS					

LTE Band 7 / 20MHz (Average)										
Channal	Madulation	F	RB	Horiz	ontal	Vert	ical			
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)			
Lowest		1	99	17.89	0.0615	17.61	0.0577			
Middle	QPSK	1	99	17.28	0.0535	16.97	0.0498			
Highest		1	0	16.52	0.0449	15.67	0.0369			
Lowest		1	99	16.92	0.0492	16.82	0.0481			
Middle	16QAM	1	99	16.77	0.0475	16.35	0.0432			
Highest		1	0	15.30	0.0339	14.41	0.0276			
Limit	EIRI	o < 2W		Res	sult	PASS				

Page Number : B5 of B10
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01
Report Template No.: BU5-FGLTE Version 1.6

Radiated Spurious Emission

	LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0												
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)				
	3463.74	-62.83	-13	-49.83	-76.65	-69.25	6.18	12.60	Н				
	5195.61	-60.31	-13	-47.31	-79.64	-65.27	7.74	12.70	Н				
Middle	6927.48	-58.68	-13	-45.68	-80.89	-61.38	9.00	11.70	Н				
Middle	3463.74	-63.54	-13	-50.54	-77.72	-69.96	6.18	12.60	V				
	5195.61	-60.16	-13	-47.16	-80.16	-65.12	7.74	12.70	V				
	6927.48	-58.09	-13	-45.09	-80.83	-60.79	9.00	11.70	V				

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

	LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0												
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)				
	3462.48	-62.14	-13	-49.14	-75.96	-68.56	6.18	12.60	Н				
	5193.72	-60.31	-13	-47.31	-79.65	-65.27	7.74	12.70	Н				
Middle	6924.96	-58.54	-13	-45.54	-80.75	-61.24	9.00	11.70	Н				
Middle	3462.48	-63.29	-13	-50.29	-77.47	-69.71	6.18	12.60	V				
	5193.72	-59.92	-13	-46.92	-79.93	-64.88	7.74	12.70	V				
	6924.96	-58.05	-13	-45.05	-80.79	-60.75	9.00	11.70	V				

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

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : B6 of B10
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B

	LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0													
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)					
	3460.68	-61.34	-13	-48.34	-75.16	-67.76	6.18	12.60	Н					
	5191.02	-56.48	-13	-43.48	-75.82	-61.44	7.74	12.70	Н					
Middle	6921.36	-58.13	-13	-45.13	-80.20	-60.83	9.00	11.70	Н					
Middle	3460.68	-62.92	-13	-49.92	-77.1	-69.34	6.18	12.60	V					
	5191.02	-58.88	-13	-45.88	-78.89	-63.84	7.74	12.70	V					
	6921.36	-57.62	-13	-44.62	-80.24	-60.32	9.00	11.70	V					

	LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0												
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)				
	3456.18	-62.99	-13	-49.99	-76.65	-69.41	6.18	12.60	Н				
	5184.27	-59.49	-13	-46.49	-78.83	-64.45	7.74	12.70	Н				
Middle	6912.36	-58.93	-13	-45.93	-81.00	-61.63	9.00	11.70	Н				
Middle	3456.18	-63.43	-13	-50.43	-77.44	-69.85	6.18	12.60	V				
	5184.27	-59.84	-13	-46.84	-79.86	-64.80	7.74	12.70	V				
	6912.36	-58.38	-13	-45.38	-81	-61.08	9.00	11.70	V				

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

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451

Page Number : B7 of B10 Report Issued Date : Aug. 09, 2017 Report Version : Rev. 01

Report No.: FG731002-01B

	LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0												
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)				
	3451.68	-62.99	-13	-49.99	-76.65	-69.41	6.18	12.60	Н				
	5177.52	-58.59	-13	-45.59	-77.93	-63.55	7.74	12.70	Н				
Middle	6903.36	-58.94	-13	-45.94	-80.88	-61.64	9.00	11.70	Н				
Middle	3451.68	-63.57	-13	-50.57	-77.58	-69.99	6.18	12.60	V				
	5177.52	-59.66	-13	-46.66	-79.68	-64.62	7.74	12.70	V				
	6903.36	-58.49	-13	-45.49	-80.99	-61.19	9.00	11.70	V				

	LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0												
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)				
	3447.18	-63.64	-13	-50.64	-77.30	-70.06	6.18	12.60	Н				
	5170.77	-58.88	-13	-45.88	-78.21	-63.84	7.74	12.70	Н				
Middle	6894.36	-59.06	-13	-46.06	-81.01	-61.76	9.00	11.70	Н				
ivildale	3447.18	-63.15	-13	-50.15	-77.16	-69.57	6.18	12.60	V				
	5170.77	-57.98	-13	-44.98	-78.01	-62.94	7.74	12.70	V				
	6894.36	-58.42	-13	-45.42	-80.93	-61.12	9.00	11.70	V				

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

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : B8 of B10
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01
Report Template No.: BU5-FGLTE Version 1.6

	LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0												
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)				
	5065.68	-61.52	-25	-36.52	-80.86	-73.28	0.94	12.70	Н				
	7598.52	-58.89	-25	-33.89	-81.95	-68.90	1.69	11.70	Н				
Middle	10131.36	-53.25	-25	-28.25	-80.65	-63.91	1.44	12.10	Н				
Middle	5065.68	-60.74	-25	-35.74	-80.87	-72.50	0.94	12.70	V				
	7598.52	-58.64	-25	-33.64	-81.83	-68.65	1.69	11.70	V				
	10131.36	-53.45	-25	-28.45	-80.62	-64.11	1.44	12.10	V				

	LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0													
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)					
	5061.18	-60.42	-25	-35.42	-79.76	-72.18	0.94	12.70	Н					
	7591.77	-58.16	-25	-33.16	-81.22	-68.17	1.69	11.70	Н					
Middle	10122.36	-51.90	-25	-26.90	-79.30	-62.56	1.44	12.10	Н					
Middle	5061.18	-59.70	-25	-34.70	-79.83	-71.46	0.94	12.70	V					
	7591.77	-58.23	-25	-33.23	-81.42	-68.24	1.69	11.70	V					
	10122.36	-52.36	-25	-27.36	-79.53	-63.02	1.44	12.10	V					

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

SPORTON International (ShenZhen) INC.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451 Page Number : B9 of B10
Report Issued Date : Aug. 09, 2017
Report Version : Rev. 01

Report No.: FG731002-01B

	LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0												
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)				
	5056.68	-60.79	-25	-35.79	-80.13	-72.55	0.94	12.70	Н				
	7585.02	-58.49	-25	-33.49	-81.69	-68.50	1.69	11.70	Н				
Middle	10113.36	-52.93	-25	-27.93	-80.39	-63.59	1.44	12.10	Н				
Middle	5056.68	-59.94	-25	-34.94	-80.07	-71.70	0.94	12.70	V				
	7585.02	-58.61	-25	-33.61	-81.92	-68.62	1.69	11.70	V				
	10113.36	-53.12	-25	-28.12	-80.32	-63.78	1.44	12.10	V				

	LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0													
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)					
	5052.18	-60.90	-25	-35.90	-80.23	-72.66	0.94	12.70	Н					
	7578.27	-58.74	-25	-33.74	-81.94	-68.75	1.69	11.70	Н					
Middle	10104.36	-52.55	-25	-27.55	-80.01	-63.21	1.44	12.10	Н					
Middle	5052.18	-60.15	-25	-35.15	-80.29	-71.91	0.94	12.70	V					
	7578.27	-58.70	-25	-33.70	-82.01	-68.71	1.69	11.70	V					
	10104.36	-52.72	-25	-27.72	-79.92	-63.38	1.44	12.10	V					

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

SPORTON International (ShenZhen) INC.

TEL: 86-755-8637-9589 FAX: 86-755-8637-9595 FCC ID: 2ALTASC451

Page Number : B10 of B10 Report Issued Date : Aug. 09, 2017 Report Version : Rev. 01

Report No.: FG731002-01B