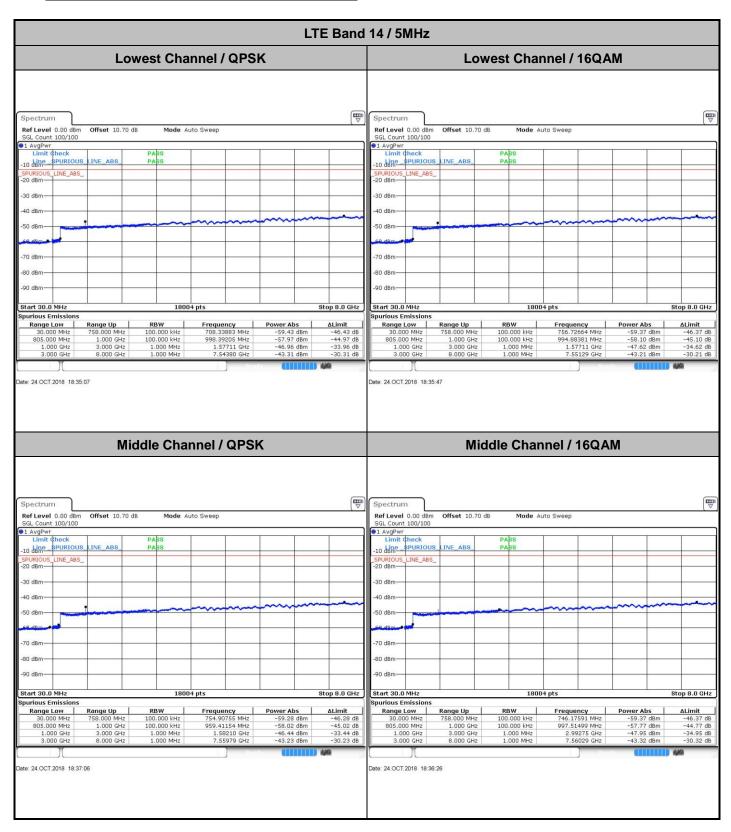
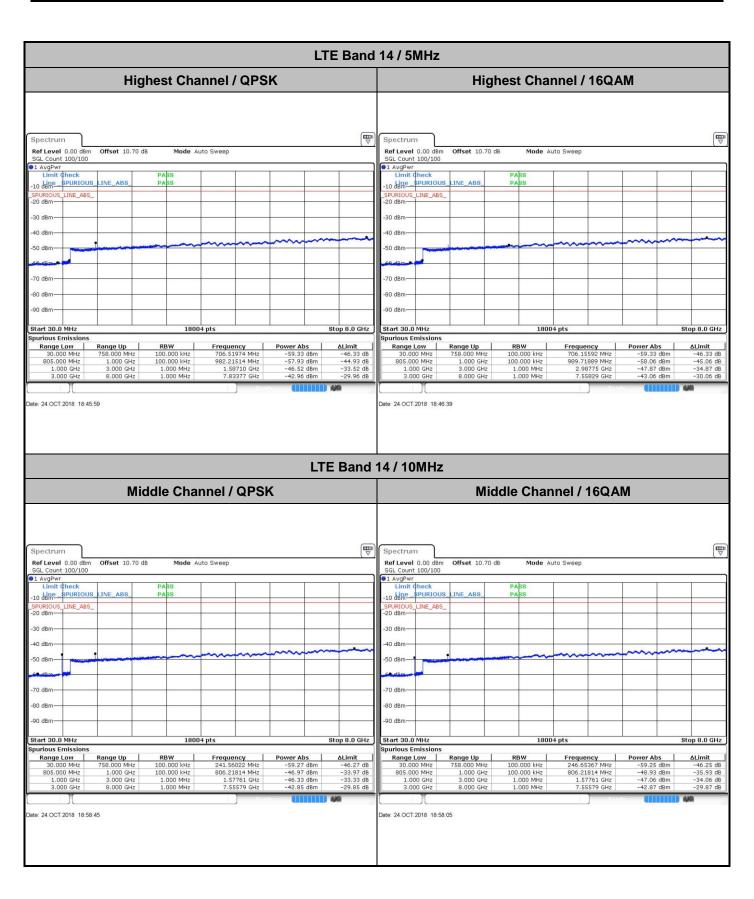
Conducted Spurious Emission

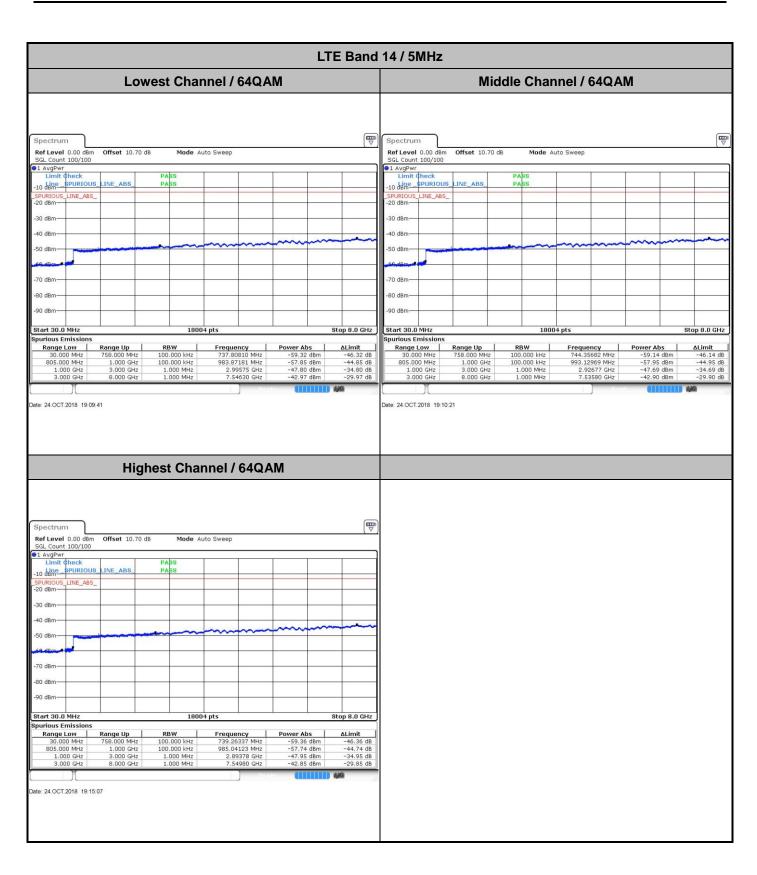


Report No.: FG8O1133D

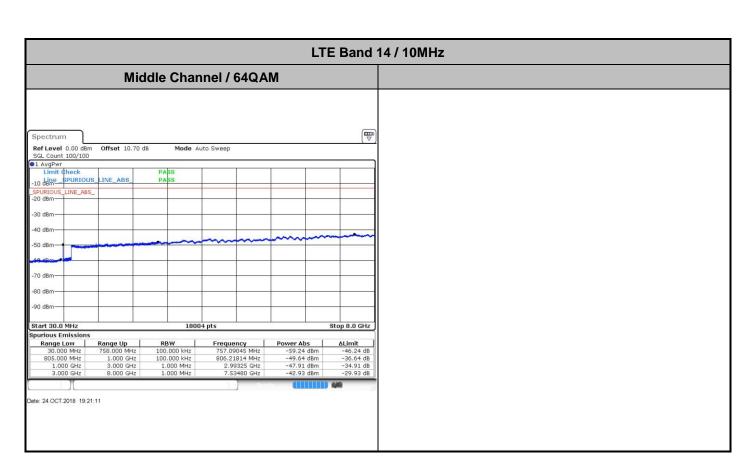
TEL: 886-3-327-3456 Page Number : A2-17 of 33



TEL: 886-3-327-3456 Page Number : A2-18 of 33

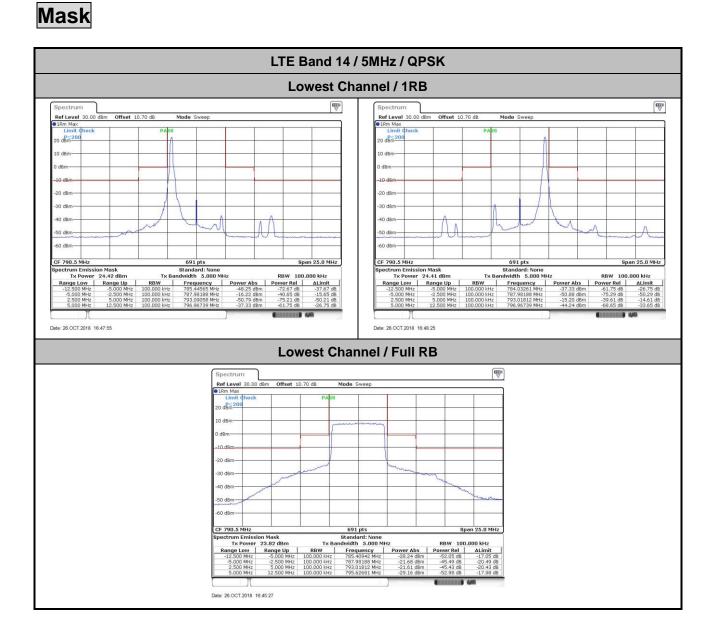


TEL: 886-3-327-3456 Page Number : A2-19 of 33

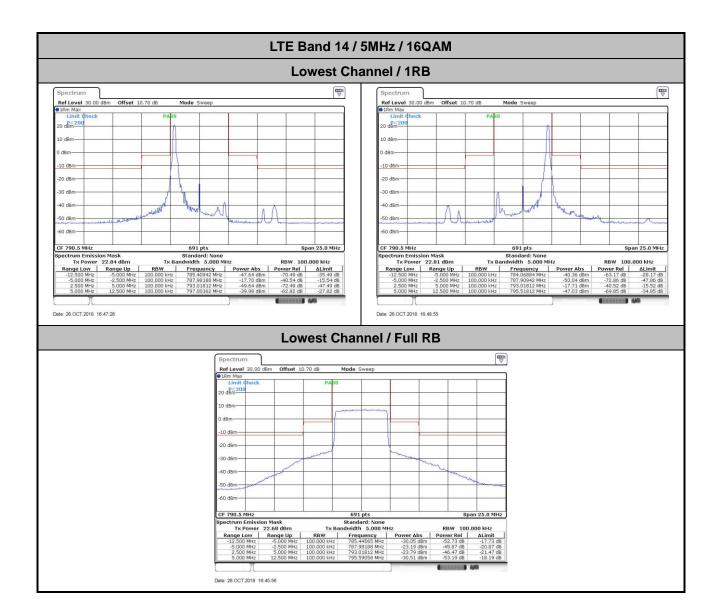


TEL: 886-3-327-3456 Page Number: A2-20 of 33

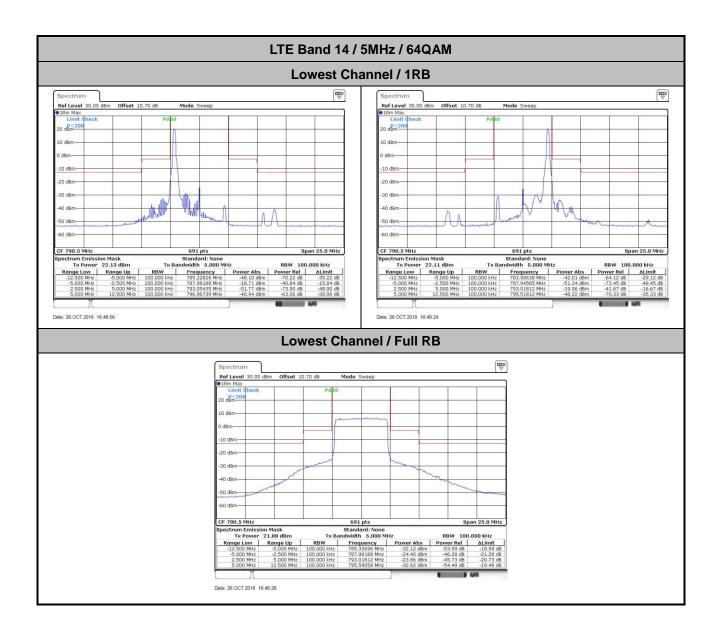




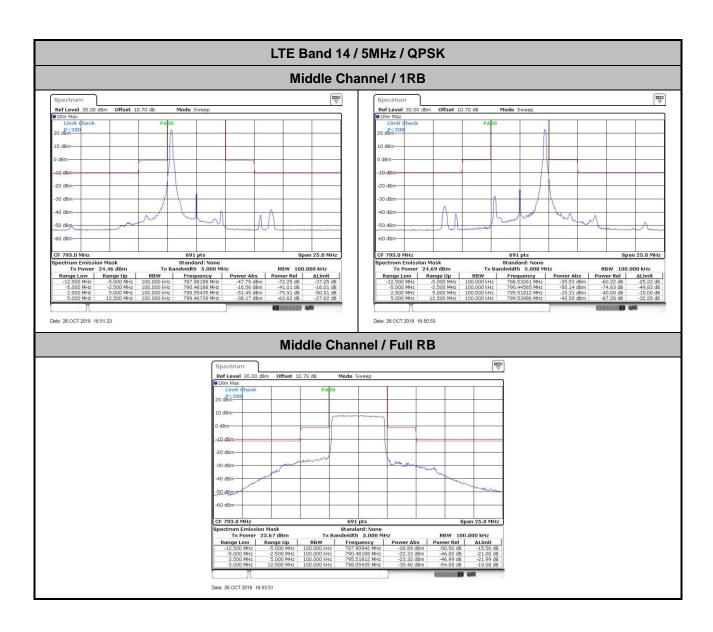
TEL: 886-3-327-3456 Page Number : A2-21 of 33



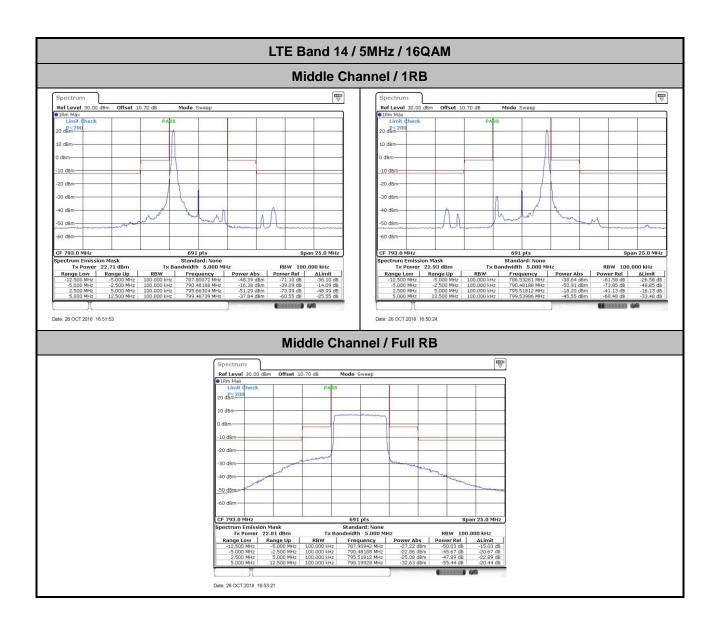
TEL: 886-3-327-3456 Page Number: A2-22 of 33



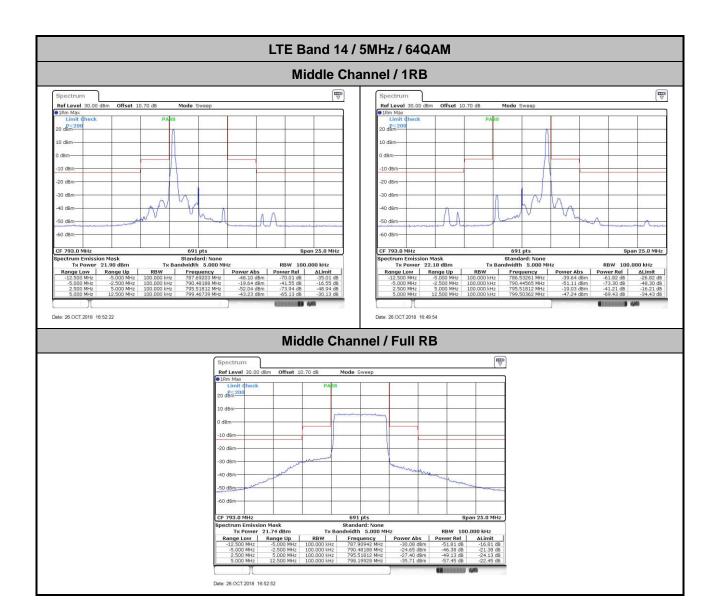
TEL: 886-3-327-3456 Page Number: A2-23 of 33



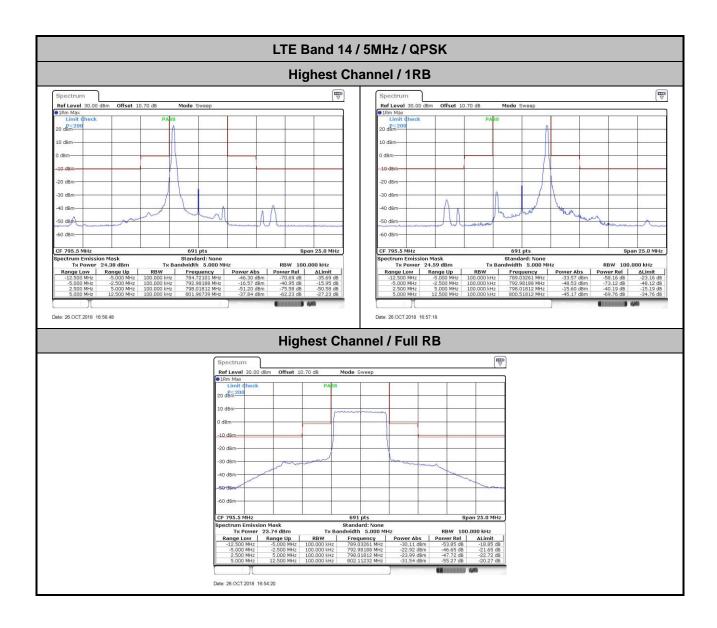
TEL: 886-3-327-3456 Page Number: A2-24 of 33



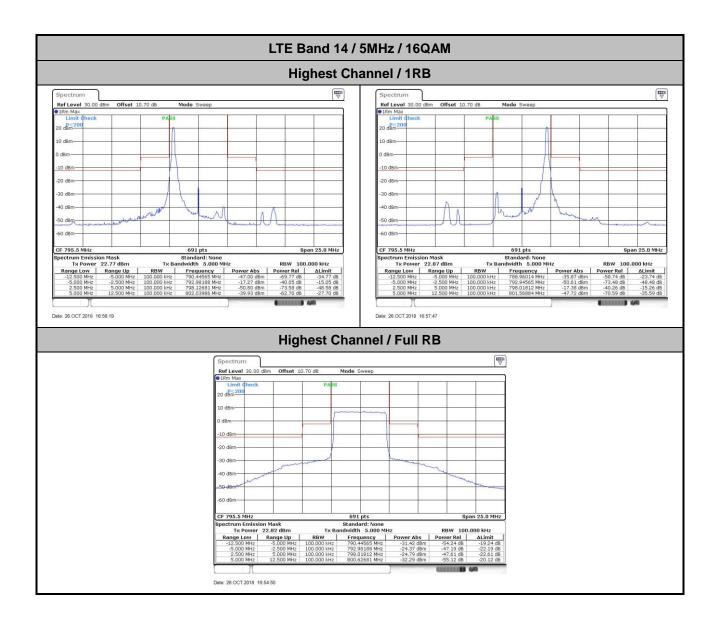
TEL: 886-3-327-3456 Page Number: A2-25 of 33



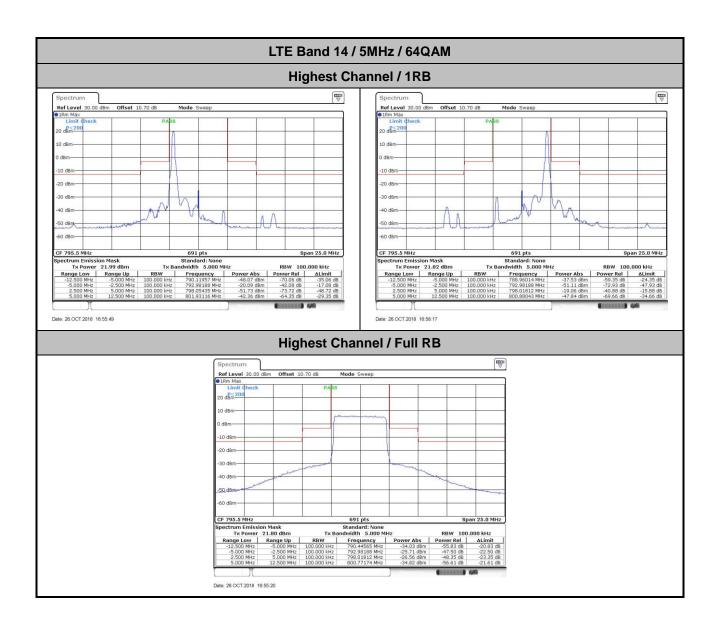
TEL: 886-3-327-3456 Page Number : A2-26 of 33



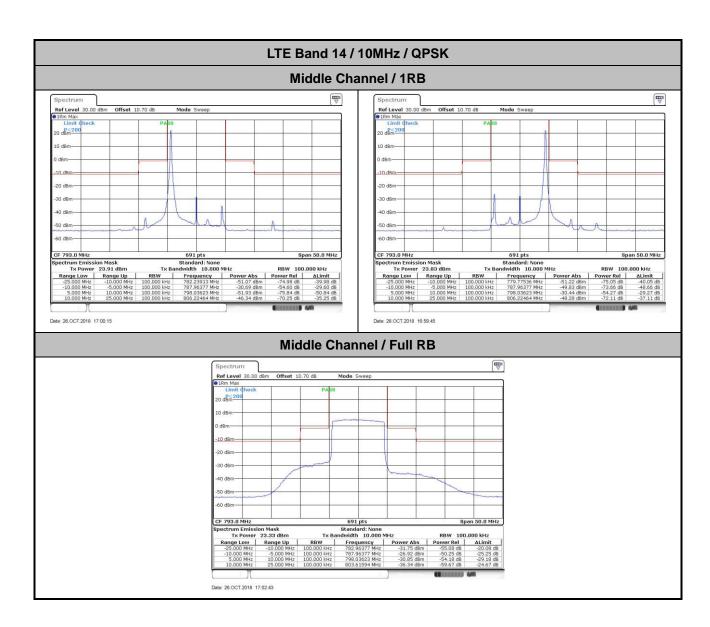
TEL: 886-3-327-3456 Page Number: A2-27 of 33



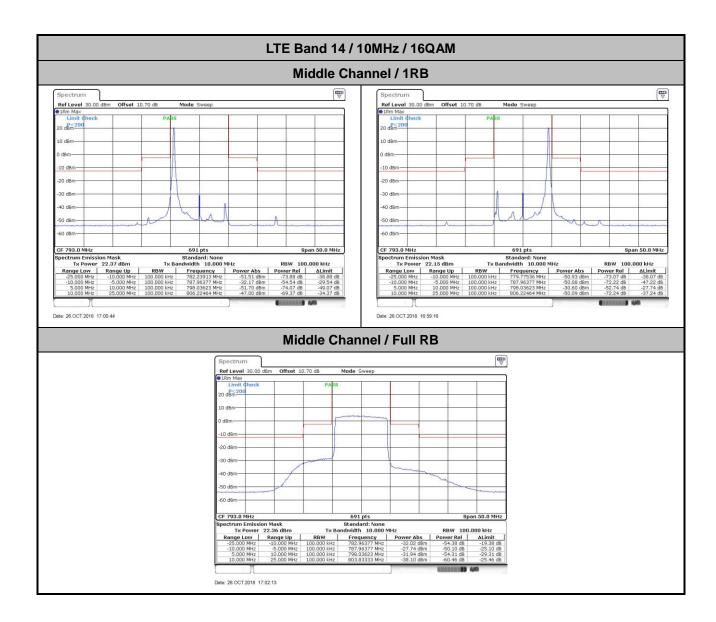
TEL: 886-3-327-3456 Page Number: A2-28 of 33



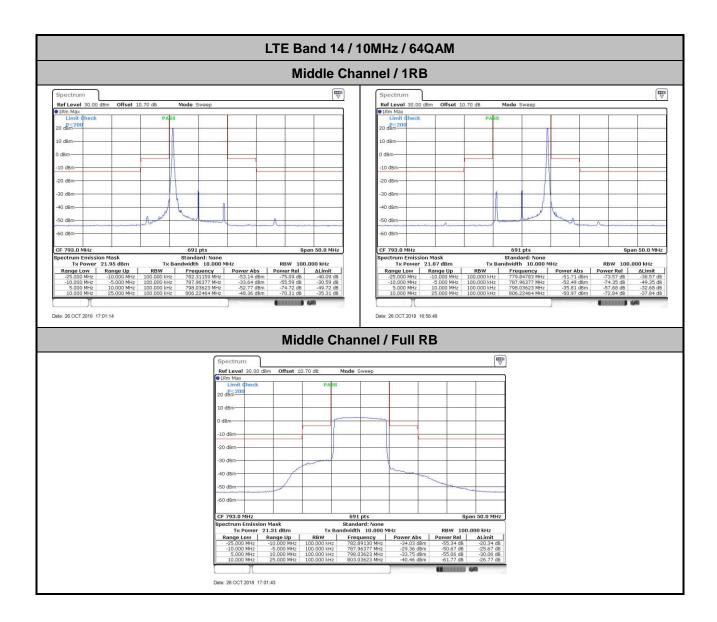
TEL: 886-3-327-3456 Page Number: A2-29 of 33



TEL: 886-3-327-3456 Page Number: A2-30 of 33



TEL: 886-3-327-3456 Page Number: A2-31 of 33



TEL: 886-3-327-3456 Page Number: A2-32 of 33

Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
_		BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0003	
40	Normal Voltage	0.0071	
30	Normal Voltage	0.0054	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0071	
-10	Normal Voltage	0.0030	PASS
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0055	

Report No.: FG8O1133D

Note:

- 1. Normal Voltage =3.8 V.; Battery End Point (BEP) =3.5 V.; Maximum Voltage =4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.

TEL: 886-3-327-3456 Page Number : A2-33 of 33

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

ERP/EIRP

LTE Band 14 / 5MHz (Average) (GT - LC = -1.58 dB)									
Channel	Mode	RB		Cond	ucted	ERP			
Channel	wode	Size	Offset	EIRP(dBm)	EIRP(W)	ERP(dBm)	ERP(W)		
Lowest	QPSK	1	12	23.81	0.2404	20.08	0.1019		
Middle		1	12	23.59	0.2286	19.86	0.0968		
Highest		1	12	23.53	0.2254	19.80	0.0955		
Lowest	16QAM	1	12	22.89	0.1945	19.16	0.0824		
Middle		1	12	22.23	0.1671	18.50	0.0708		
Highest		1	12	22.61	0.1824	18.88	0.0773		
Lowest		1	12	21.63	0.1455	17.90	0.0617		
Middle	64QAM	1	12	21.48	0.1406	17.75	0.0596		
Highest		1	12	21.44	0.1393	17.71	0.0590		
Limit	ERP < 3W			Res	sult	PA	SS		

LTE Band 14 / 10MHz (Average) (GT - LC = -1.58 dB)									
Channel	Mode	RB		Cond	ucted	ERP			
Chainei	Wode	Size	Offset	EIRP(dBm)	EIRP(W)	ERP(dBm)	ERP(W)		
Lowest	QPSK	-	-	-	-	-	-		
Middle		1	25	23.65	0.2317	19.92	0.0982		
Highest		-	-	-	-	-	-		
Lowest	16QAM	-	-	-	-	-	-		
Middle		1	0	22.01	0.1589	18.28	0.0673		
Highest		-	-	-	-	-	-		
Lowest		-	-	-	-	-	-		
Middle	64QAM	1	49	21.39	0.1377	17.66	0.0583		
Highest		-	-	-	-	-	-		
Limit	ERP <		Res	sult	PASS				

Radiated Spurious Emission

<Sample 1>

Part 90R LTE Band 14

Report No.: FG8O1133D

			L	TE Band 14	/ 5MHz / QP	SK			
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)
	1584	-51.18	-42.15	-9.03	-63.01	-56.35	1.20	8.52	Н
	2376	-45.16	-13	-32.16	-61.1	-51.99	1.42	10.40	Н
	3952	-55.72	-13	-42.72	-73.74	-63.59	2.11	12.13	Н
									Н
									Н
									Н
Lawast									Н
Lowest	1584	-51.92	-42.15	-9.77	-62.05	-57.09	1.20	8.52	V
	2376	-45.16	-13	-32.16	-60.09	-51.99	1.42	10.40	V
	3952	-57.40	-13	-44.40	-75.01	-65.27	2.11	12.13	V
									V
									V
									V
		_							V

TEL: 886-3-327-3456 Page Number : B2-1 of 3

LTE Band 14 / 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)
	1584	-54.72	-42.15	-12.57	-66.55	-59.89	1.20	8.52	Н
	2376	-52.84	-13	-39.84	-68.78	-59.67	1.42	10.40	Н
	3172	-58.66	-13	-45.66	-76.07	-66.32	1.60	11.42	Н
									Н
									Н
									Н
Middle									Н
Middle	1584	-55.81	-42.15	-13.66	-65.94	-60.98	1.20	8.52	V
	2376	-52.96	-13	-39.96	-67.89	-59.79	1.42	10.40	V
	3172	-59.22	-13	-46.22	-76.14	-66.88	1.60	11.42	V
									V
									V
									V
									V
	1592	-50.57	-42.15	-8.42	-62.41	-55.76	1.20	8.55	Н
	2384	-46.68	-13	-33.68	-62.62	-53.52	1.42	10.41	Н
	3182	-58.81	-13	-45.81	-76.23	-66.50	1.61	11.45	Н
									Н
									Н
									Н
Highest									Н
riigiiest	1592	-53.39	-42.15	-11.24	-63.32	-58.58	1.20	8.55	V
	2384	-46.59	-13	-33.59	-61.52	-53.43	1.42	10.41	V
	3182	-59.22	-13	-46.22	-76.15	-66.91	1.61	11.45	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 3

<Sample 2>

			L	TE Band 14	/ 5MHz / QP	SK			
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)
	1592	-63.44	-42.15	-21.29	-75.28	-68.63	1.20	8.55	Н
	2386	-59.09	-13	-46.09	-75.03	-65.93	1.42	10.41	Н
	3182	-60.00	-13	-47.00	-76.42	-67.69	1.61	11.45	Н
									Н
									Н
									Н
Llighoot									Н
Highest	1592	-64.50	-42.15	-22.35	-74.43	-69.69	1.20	8.55	V
	2386	-60.51	-13	-47.51	-75.44	-67.35	1.42	10.41	V
	3182	-59.20	-13	-46.20	-76.13	-66.89	1.61	11.45	V
									V
									V
									V
									V

Report No.: FG8O1133D

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

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