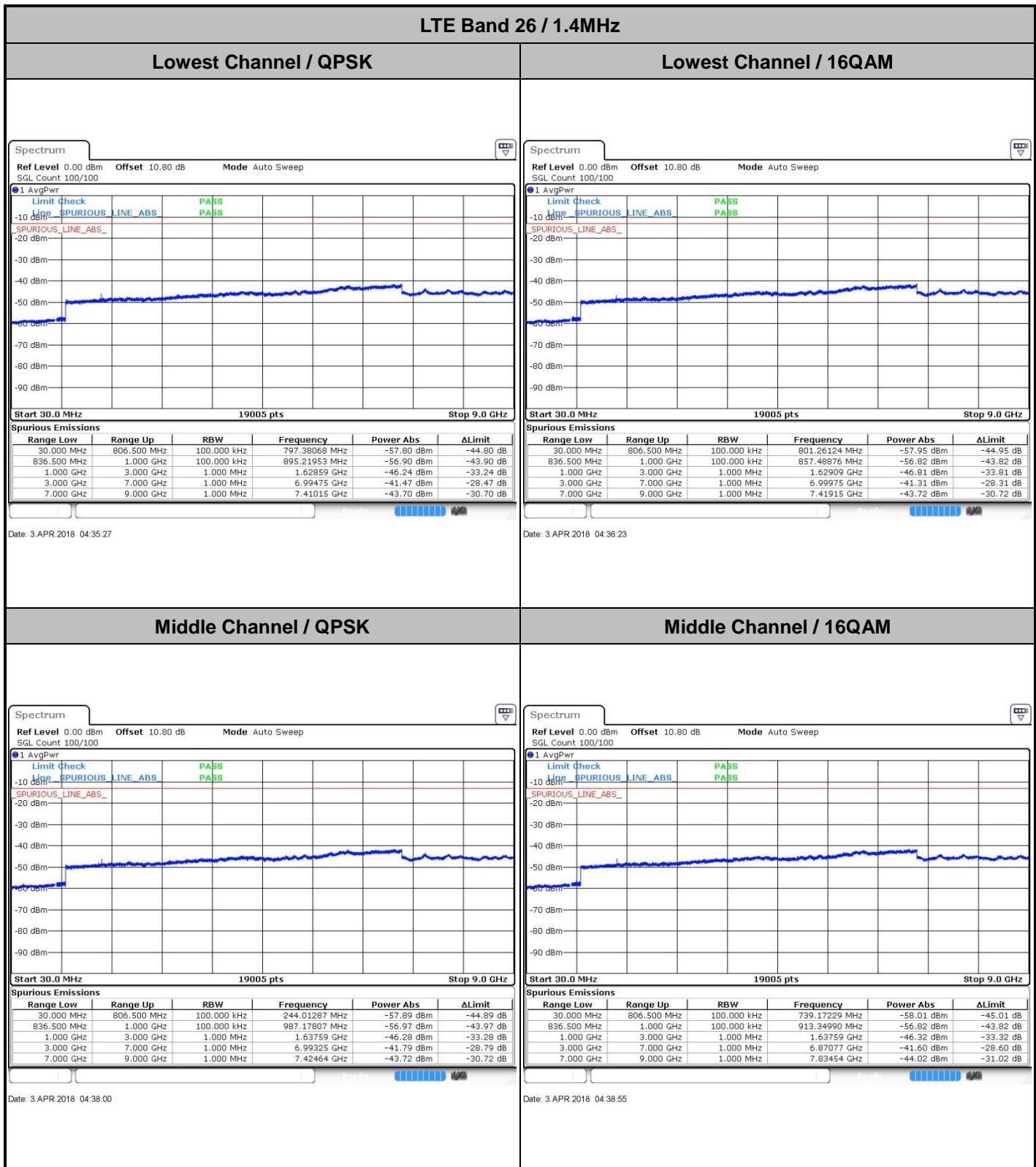




Conducted Spurious Emission

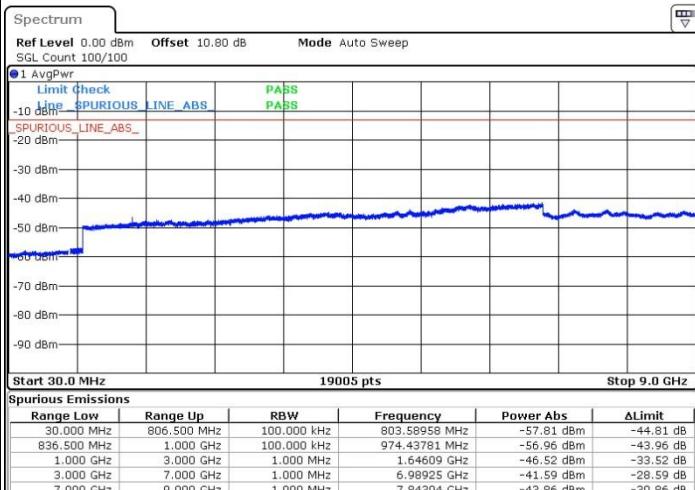
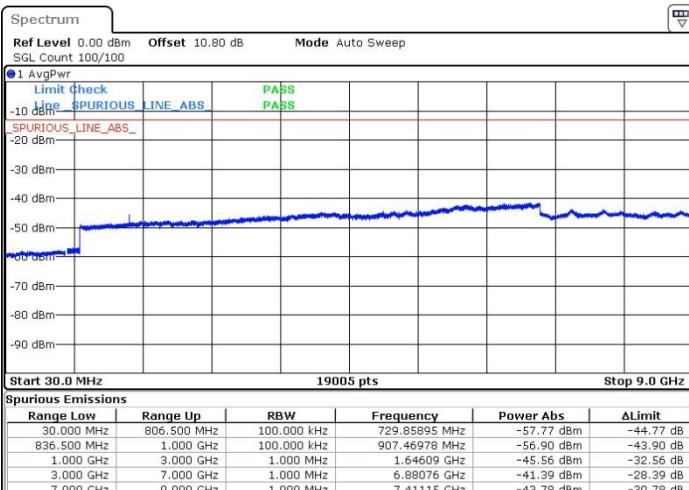




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

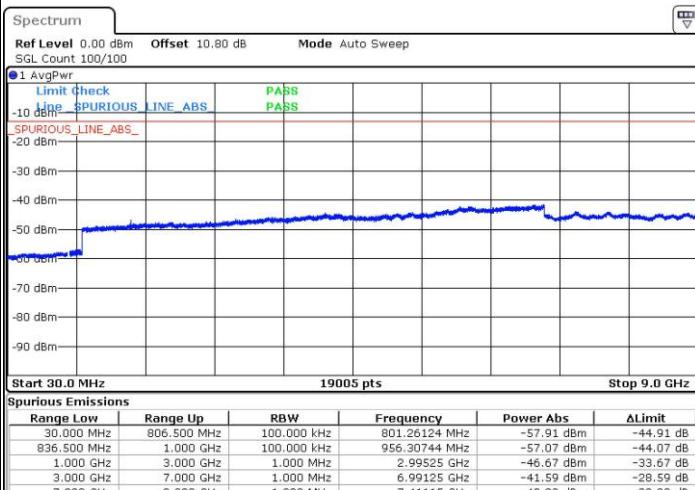
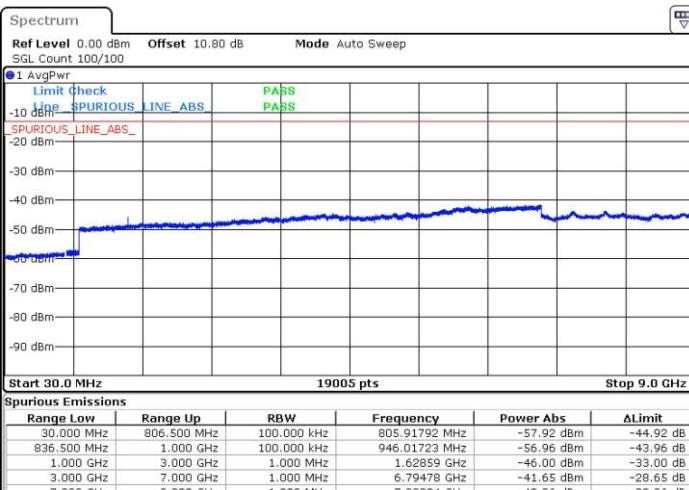
Highest Channel / 16QAM

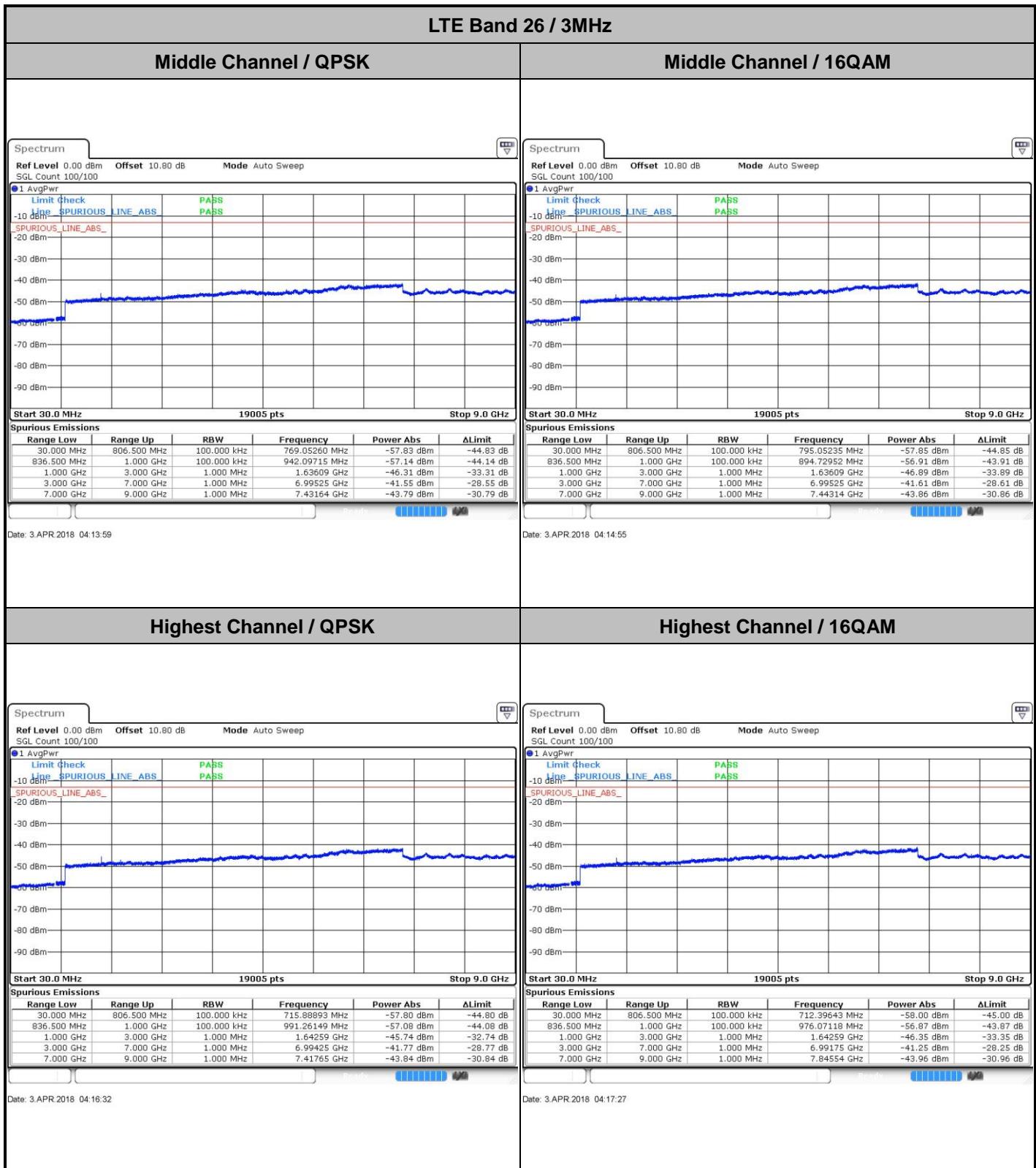


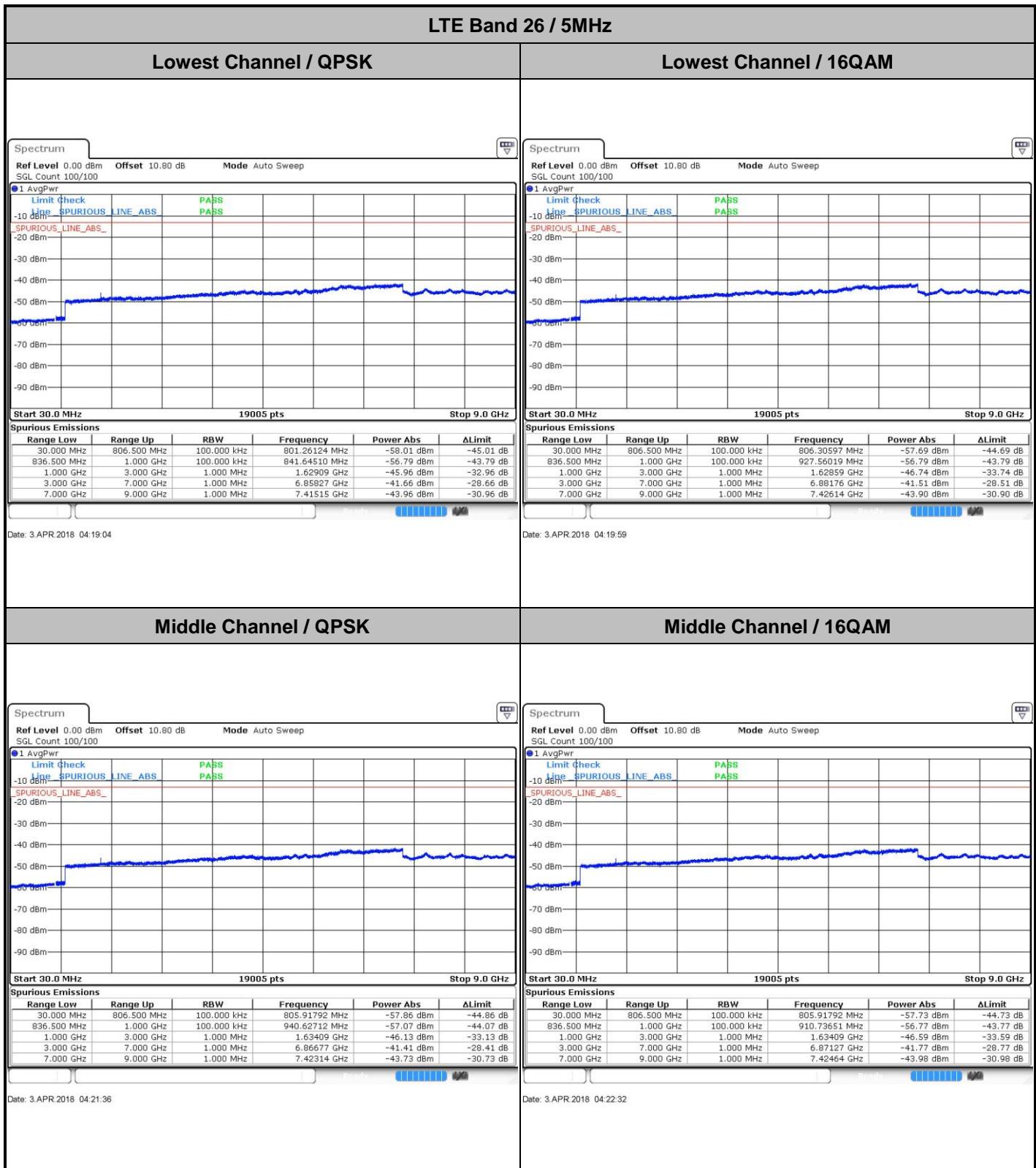
LTE Band 26 / 3MHz

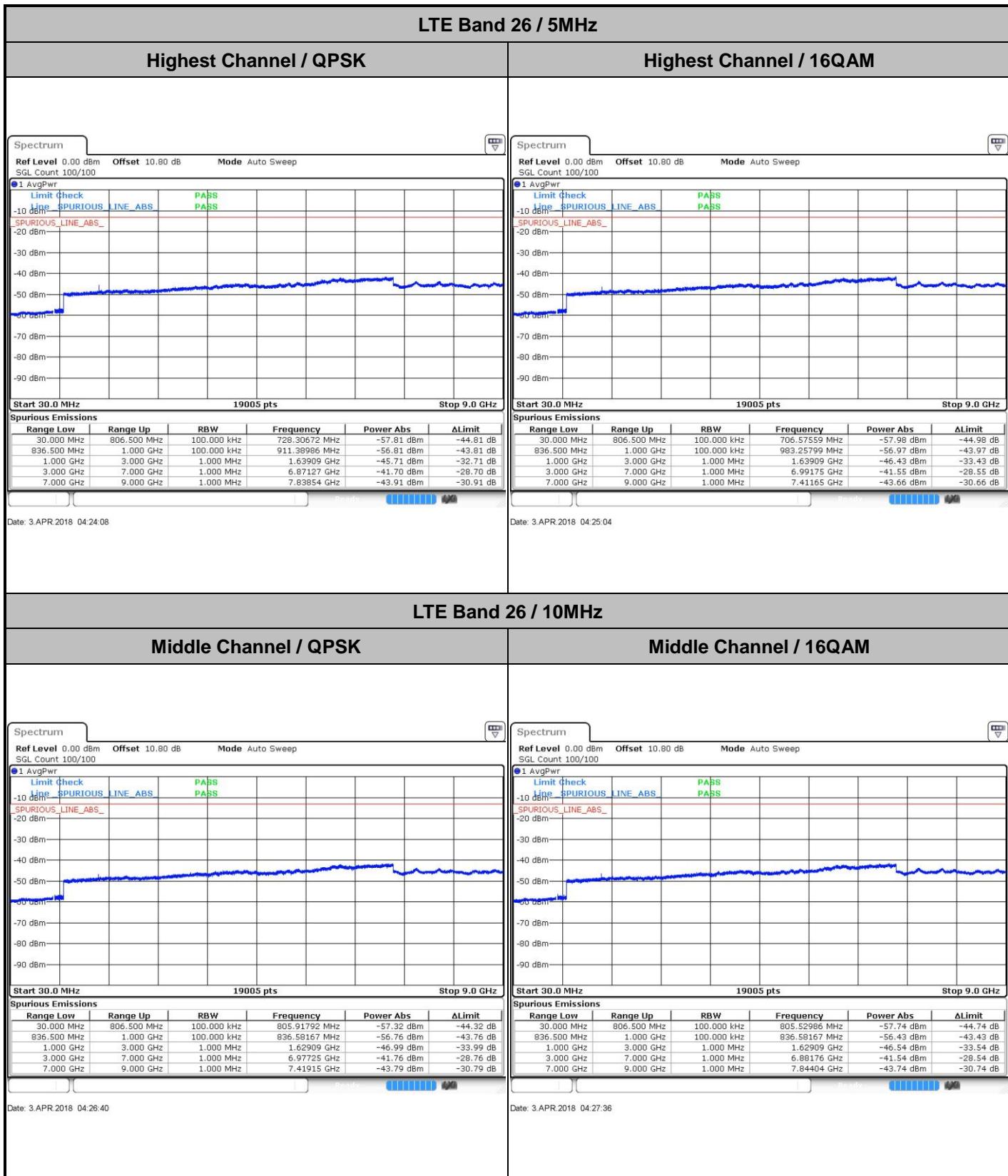
Lowest Channel / QPSK

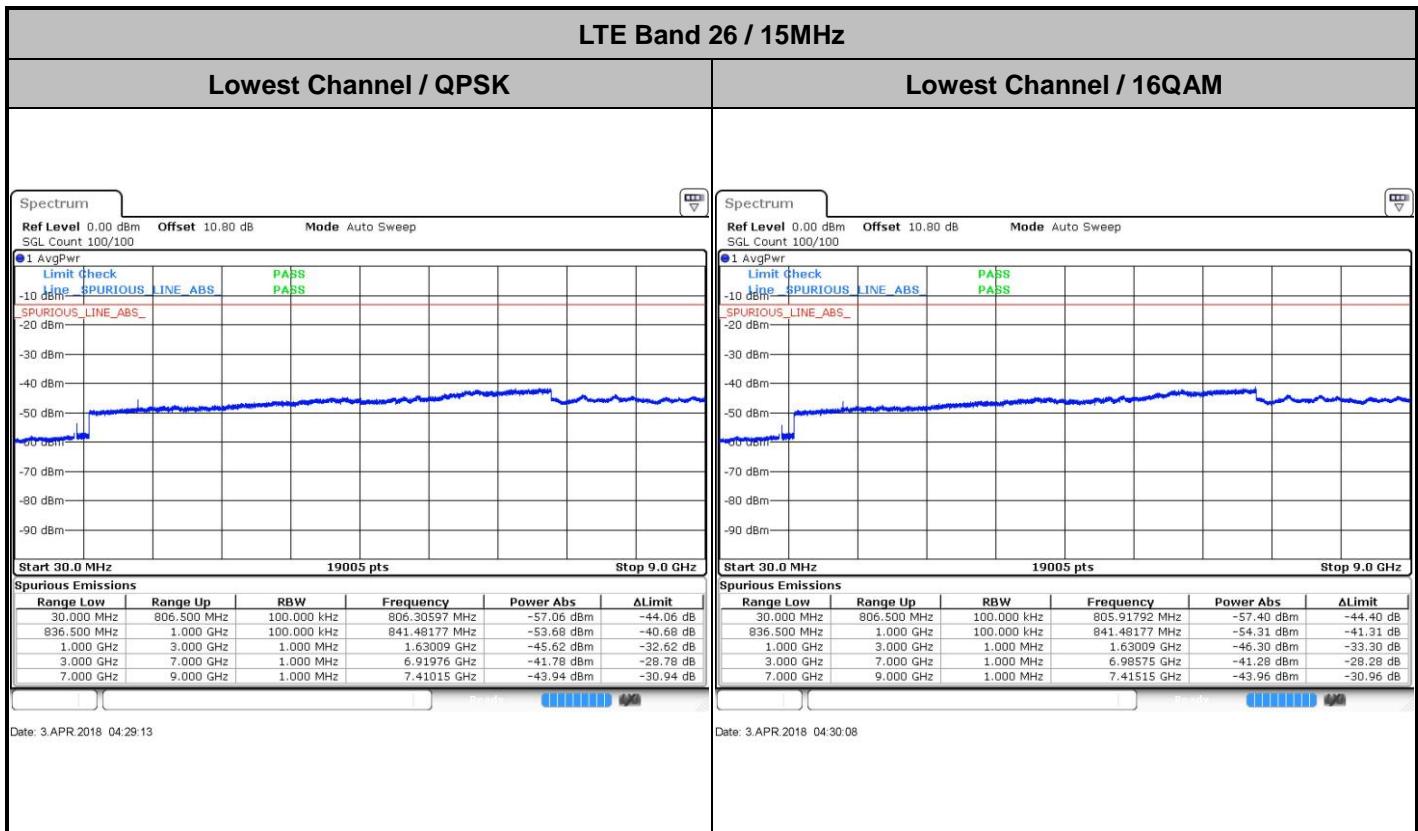
Lowest Channel / 16QAM

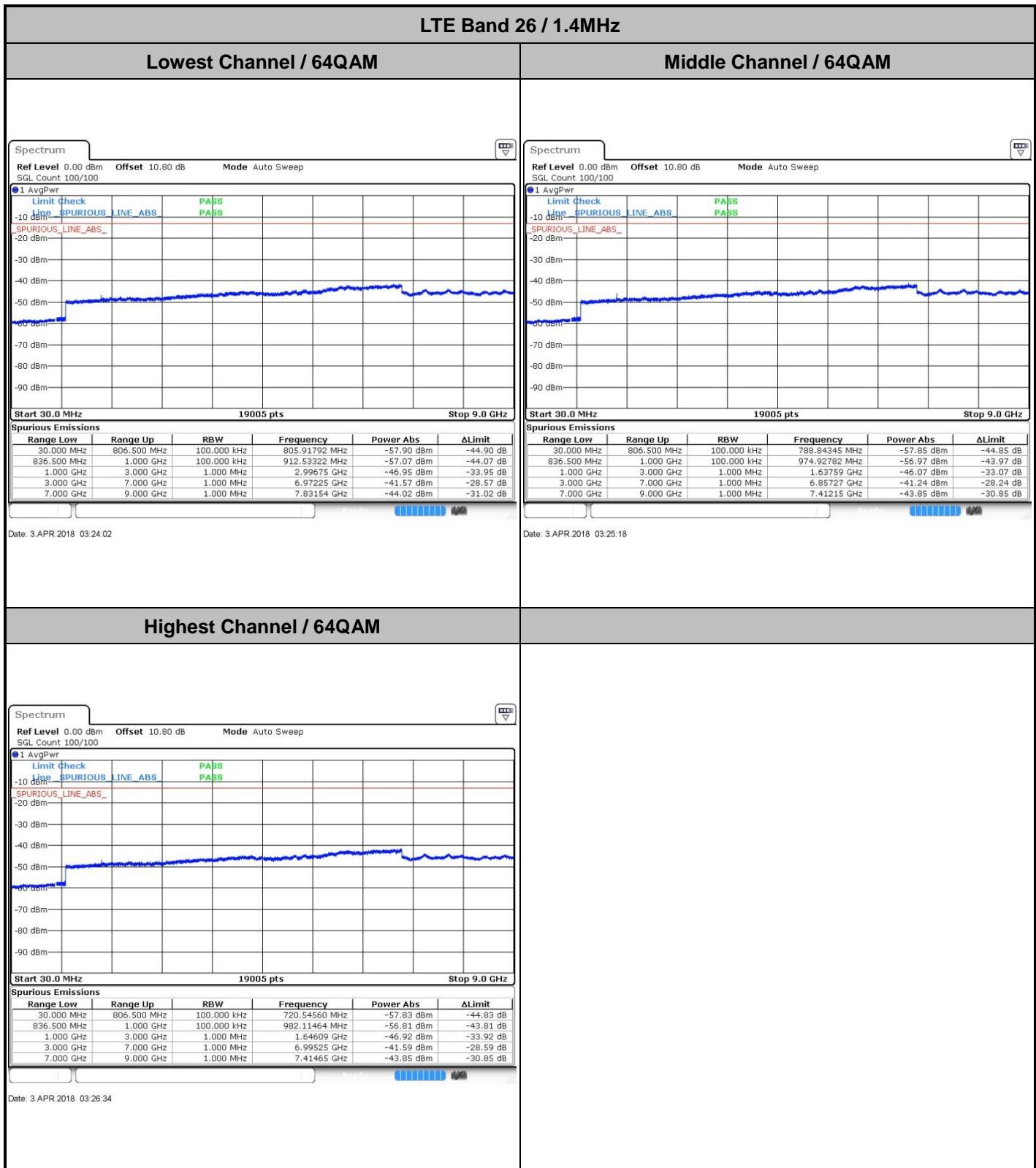


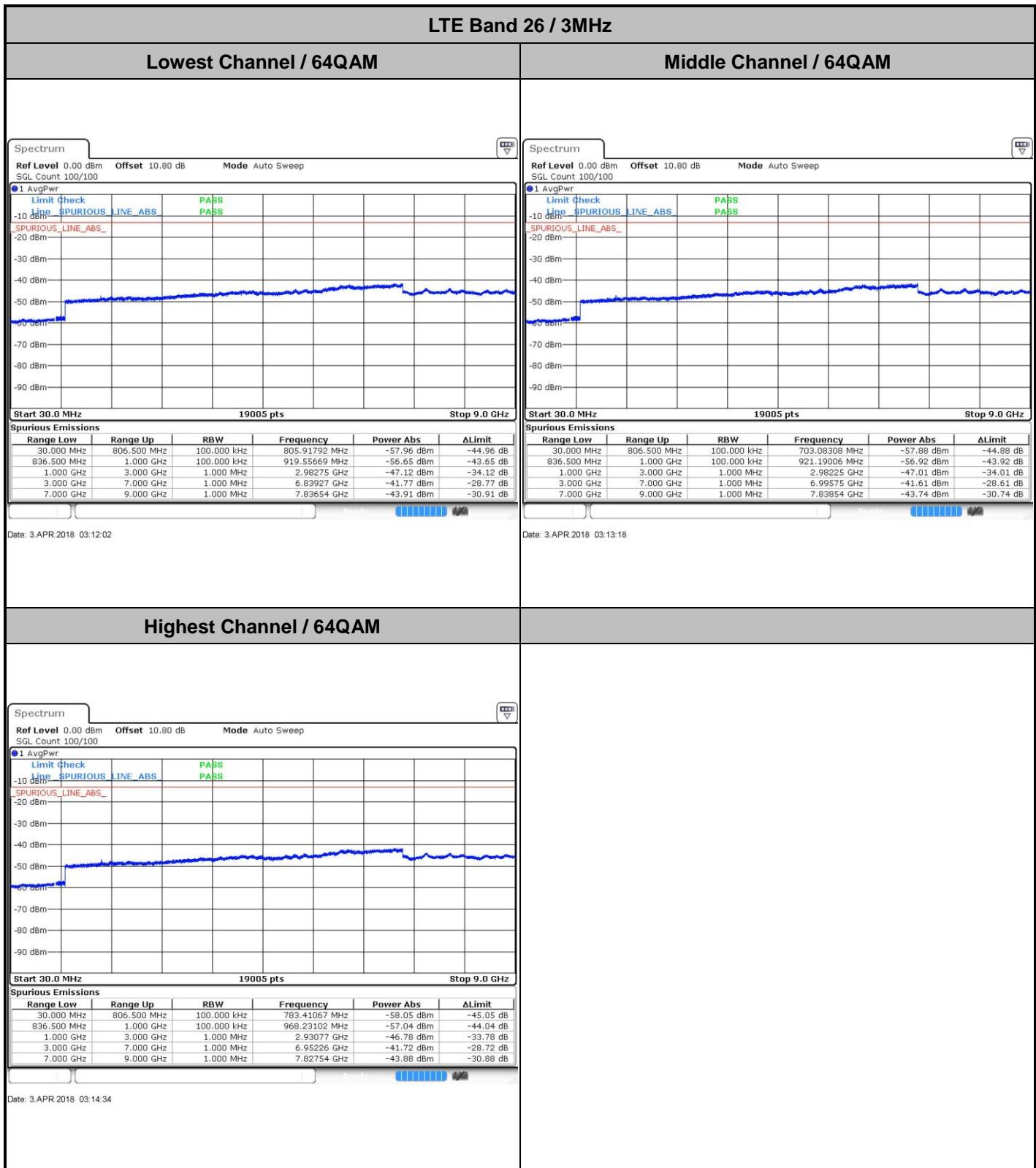


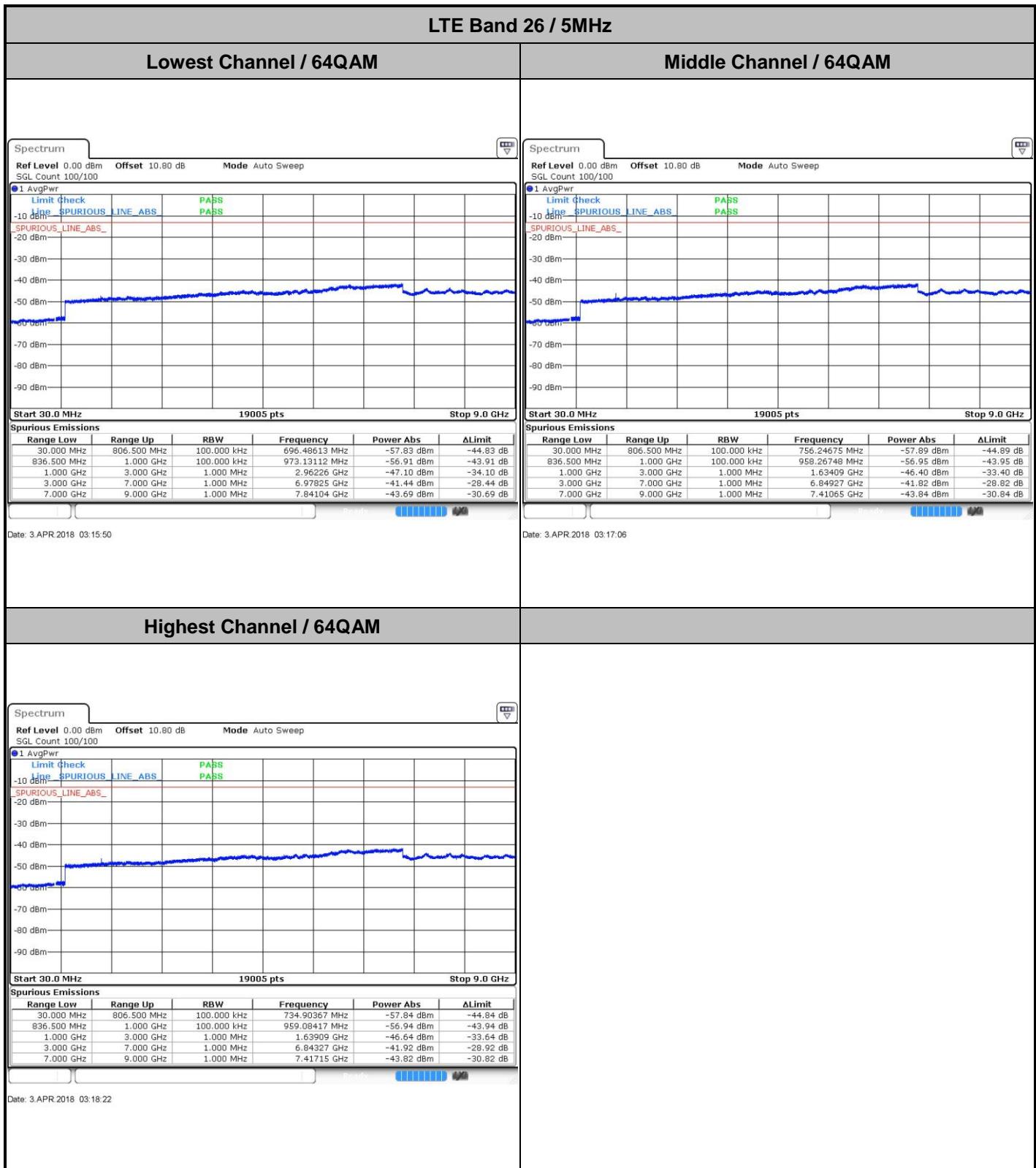


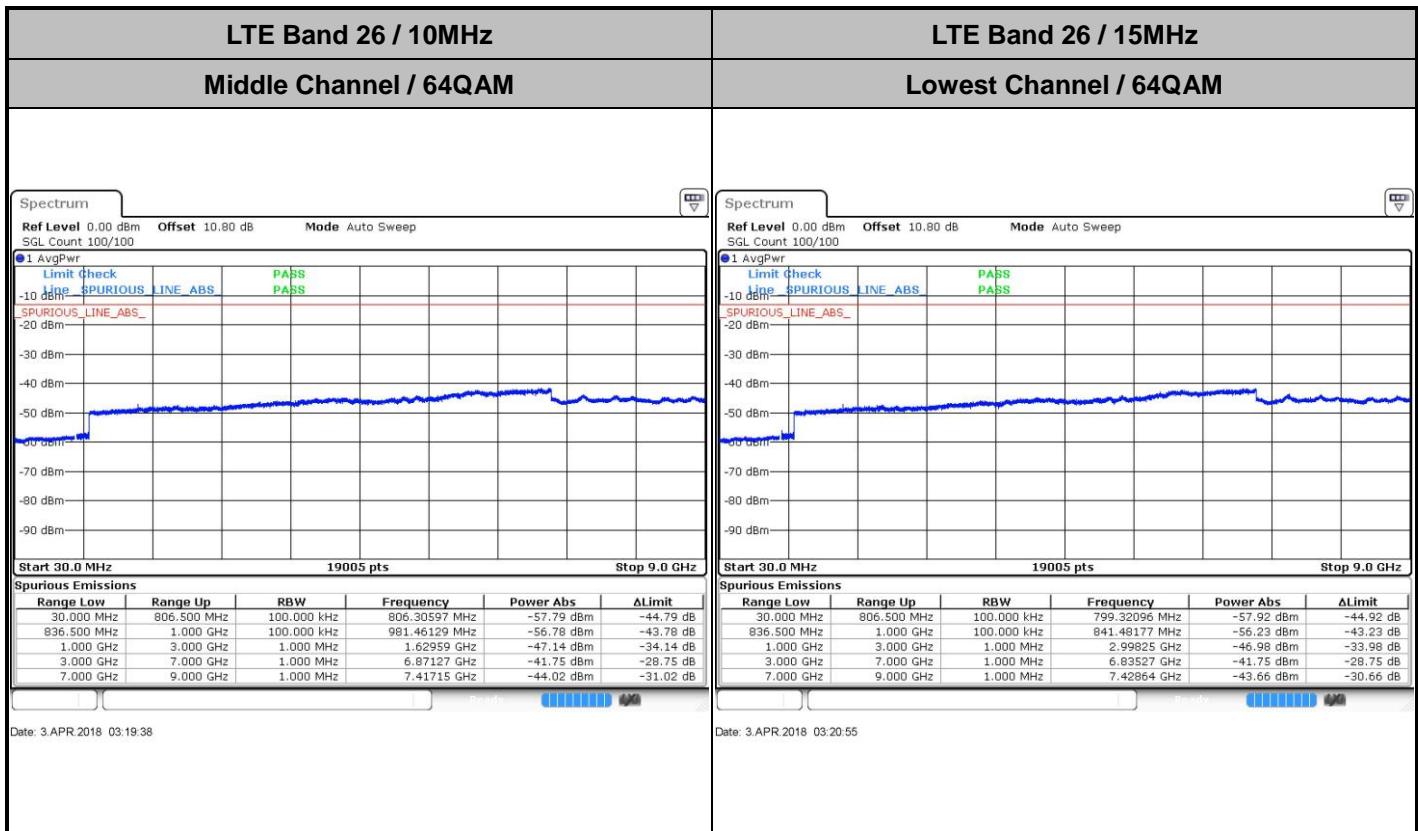














Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0051	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0071	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0137	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.40 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0063	
20	Normal Voltage	0.0058	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>

LTE Band 26 / 15MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	74	23.84	0.24	22.34	0.17
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	22.98	0.20	21.48	0.14
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	74	21.98	0.16	20.48	0.11
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission

**LTE Band 26(Part 90S)**

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)
Lowest	1632	-61.78	-13	-48.78	-71.56	-68.7	0.52	9.59	H
	2440	-60.67	-13	-47.67	-74.19	-68.63	0.64	10.75	H
	3256	-58.88	-13	-45.88	-74.94	-67.85	0.75	11.87	H
									H
									H
									H
									H
	1632	-61.66	-13	-48.66	-71.26	-68.58	0.52	9.59	V
	2440	-59.89	-13	-46.89	-74.02	-67.85	0.64	10.75	V
	3256	-58.54	-13	-45.54	-74.72	-67.51	0.75	11.87	V
Middle									V
									V
									V
									V
	1632	-62.43	-13	-49.43	-72.21	-69.35	0.52	9.59	H
	2448	-60.58	-13	-47.58	-74.07	-68.54	0.64	10.76	H
	3264	-58.32	-13	-45.32	-74.38	-67.31	0.75	11.89	H
									H
									H
									H
	1632	-61.93	-13	-48.93	-71.53	-68.85	0.52	9.59	V
	2448	-60.18	-13	-47.18	-74.22	-68.14	0.64	10.76	V
	3264	-58.53	-13	-45.53	-74.71	-67.52	0.75	11.89	V
									V
									V
									V



Highest	1640	-62.97	-13	-49.97	-72.88	-69.9	0.52	9.61	H
	2456	-60.11	-13	-47.11	-73.6	-68.08	0.65	10.76	H
	3280	-58.66	-13	-45.66	-74.75	-67.7	0.75	11.94	H
									H
									H
									H
									H
	1640	-62.95	-13	-49.95	-72.57	-69.88	0.52	9.61	V
	2456	-59.88	-13	-46.88	-73.92	-67.85	0.65	10.76	V
	3280	-58.67	-13	-45.67	-74.81	-67.71	0.75	11.94	V
									V
									V
									V
									V

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