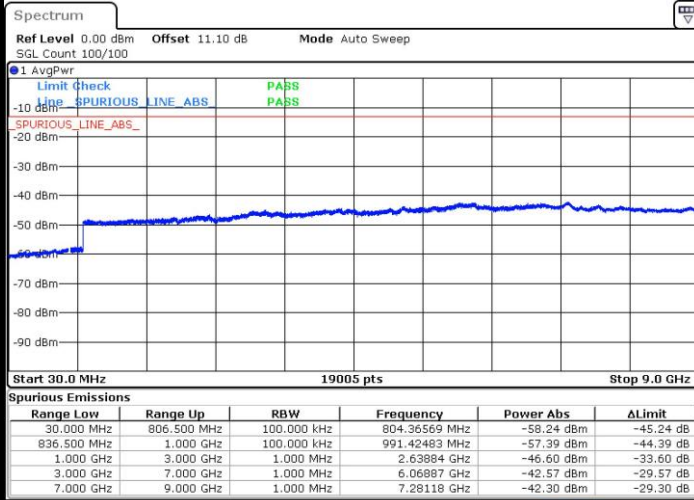




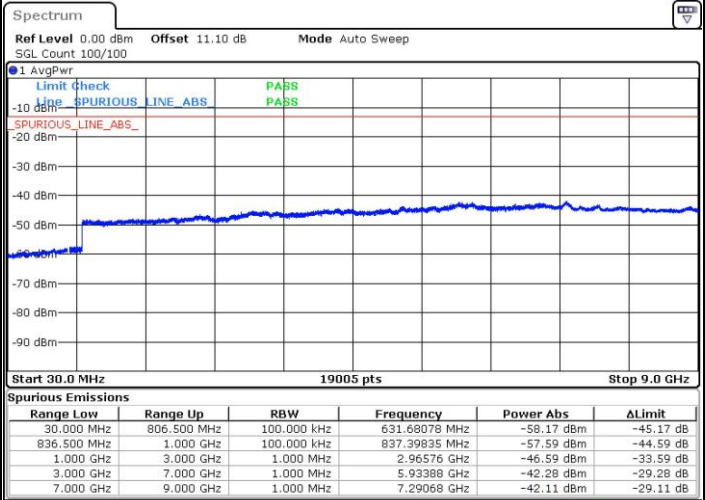
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



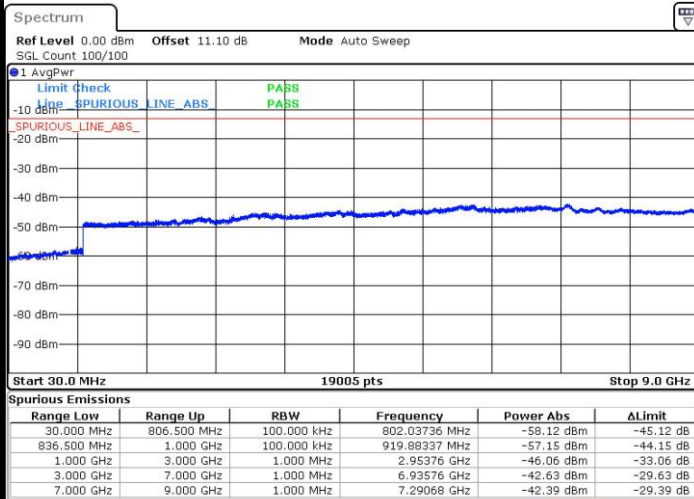
Date: 4.OCT.2018 03:41:49

Middle Channel / 64QAM



Date: 4.OCT.2018 03:43:12

Highest Channel / 64QAM

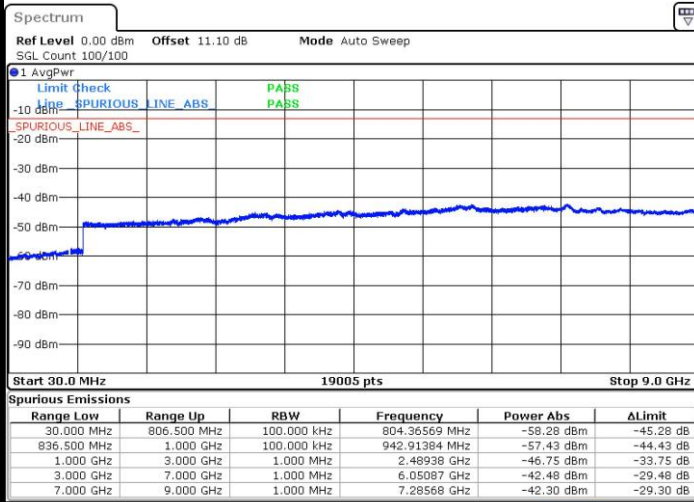


Date: 4.OCT.2018 03:44:36



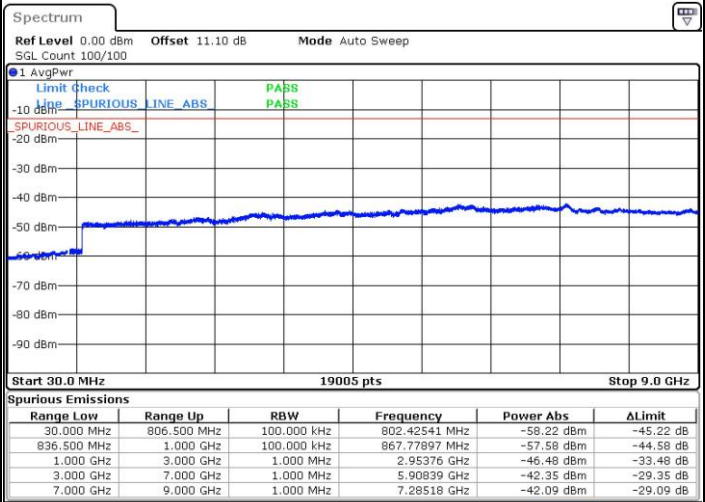
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



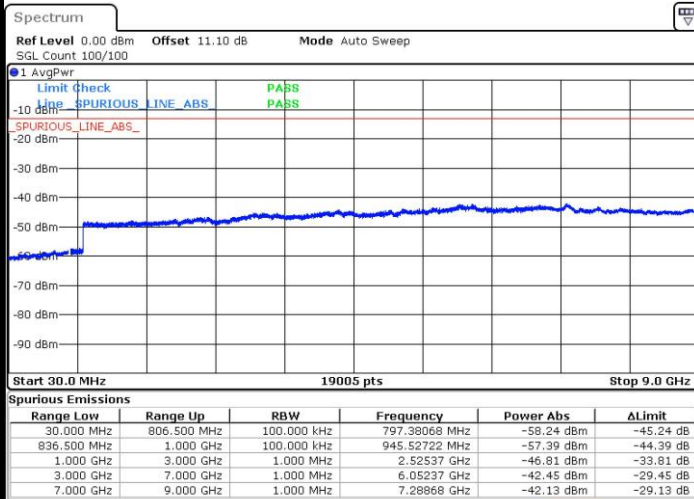
Date: 4.OCT.2018 03:46:00

Middle Channel / 64QAM



Date: 4.OCT.2018 03:47:24

Highest Channel / 64QAM

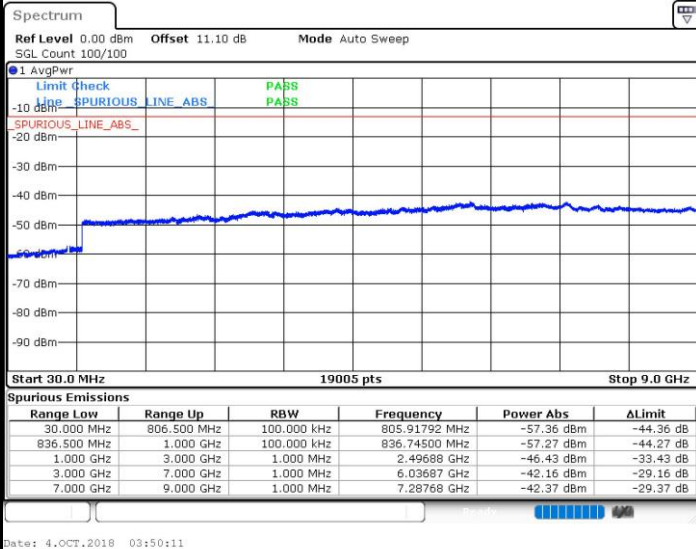


Date: 4.OCT.2018 03:48:47



LTE Band 26 / 10MHz

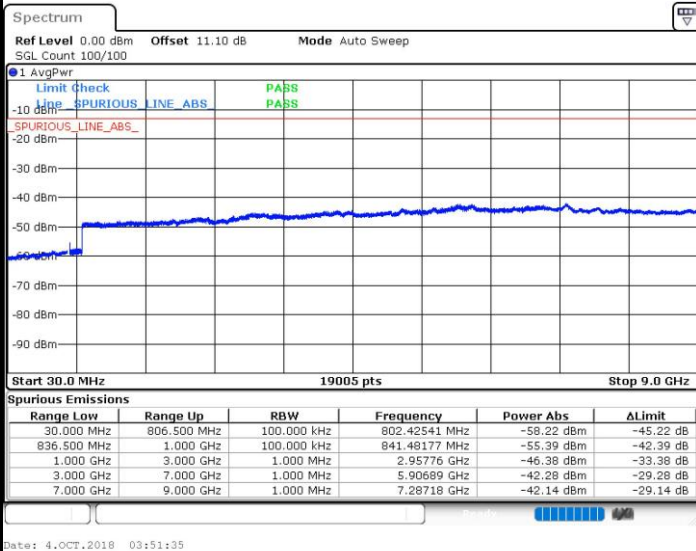
Middle Channel / 64QAM





LTE Band 26 / 15MHz

Lowest Channel / 64QAM



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	0.0021	PASS
40	Normal Voltage	0.0061	
30	Normal Voltage	0.0109	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0066	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0063	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0031	

Note:

1. Normal Voltage =3.8 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.



Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>

LTE Band 26 / 15MHz (Channel 26765)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.77	0.1892	19.37	0.0865
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	0	22.04	0.1600	18.64	0.0731
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	20.99	0.1256	17.59	0.0574
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	

**Radiated Spurious Emission****LTE Band 26(Part 90S)**

LTE Band 26 / 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)
Lowest	1628	-62.86	-13	-49.86	-74.83	-64.68	0.97	4.94	H
	2440	-39.77	-13	-26.77	-56.81	-41.57	1.27	5.22	H
	3256	-57.68	-13	-44.68	-76.87	-60.93	1.53	6.93	H
									H
									H
									H
	1628	-62.77	-13	-49.77	-75.19	-64.59	0.97	4.94	V
	2440	-42.38	-13	-29.38	-59.95	-44.18	1.27	5.22	V
	3256	-57.34	-13	-44.34	-76.91	-60.59	1.53	6.93	V
									V
									V
									V
Middle	1633	-62.41	-13	-49.41	-74.33	-64.22	0.97	4.93	H
	2448	-42.96	-13	-29.96	-60.12	-44.78	1.27	5.24	H
	3266	-58.06	-13	-45.06	-77.24	-61.35	1.53	6.97	H
									H
									H
									H
									H
	1633	-61.47	-13	-48.47	-73.89	-63.28	0.97	4.93	V
	2448	-43.42	-13	-30.42	-60.98	-45.24	1.27	5.24	V
	3266	-57.73	-13	-44.73	-77.28	-61.02	1.53	6.97	V
									V
									V
									V
									V



Highest	1638	-62.97	-13	-49.97	-75.05	-64.76	0.97	4.91	H
	2456	-41.11	-13	-28.11	-58.28	-42.95	1.28	5.27	H
	3276	-57.85	-13	-44.85	-77.14	-61.18	1.53	7.01	H
									H
									H
									H
									H
	1638	-62.47	-13	-49.47	-75.01	-64.26	0.97	4.91	V
	2456	-43.38	-13	-30.38	-61.01	-45.22	1.28	5.27	V
	3276	-57.66	-13	-44.66	-77.28	-60.99	1.53	7.01	V
									V
									V
									V
									V

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



LTE Band 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)
Middle	1637	-62.97	-13	-49.97	-74.9	-64.76	0.97	4.92	H
	2456	-41.88	-13	-28.88	-59.05	-43.72	1.28	5.27	H
	3274	-57.84	-13	-44.84	-77.11	-61.16	1.53	7.01	H
									H
									H
									H
									H
	1637	-62.72	-13	-49.72	-75.11	-64.51	0.97	4.92	V
	2456	-48.38	-13	-35.38	-66.03	-50.22	1.28	5.27	V
	3274	-44.34	-13	-31.34	-76.99	-47.66	1.53	7.01	V
									V
									V
									V
									V

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



LTE Band 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)
Lowest	1632	-61.27	-13	-48.27	-73.21	-63.08	0.97	4.93	H
	2448	-42.76	-13	-29.76	-59.86	-44.58	1.27	5.24	H
	3264	-57.97	-13	-44.97	-77.16	-61.25	1.53	6.96	H
									H
									H
									H
									H
	1632	-61.62	-13	-48.62	-74.02	-63.43	0.97	4.93	V
	2448	-44.72	-13	-31.72	-62.21	-46.54	1.27	5.24	V
	3264	-57.68	-13	-44.68	-77.22	-60.96	1.53	6.96	V
									V
									V
									V
									V

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