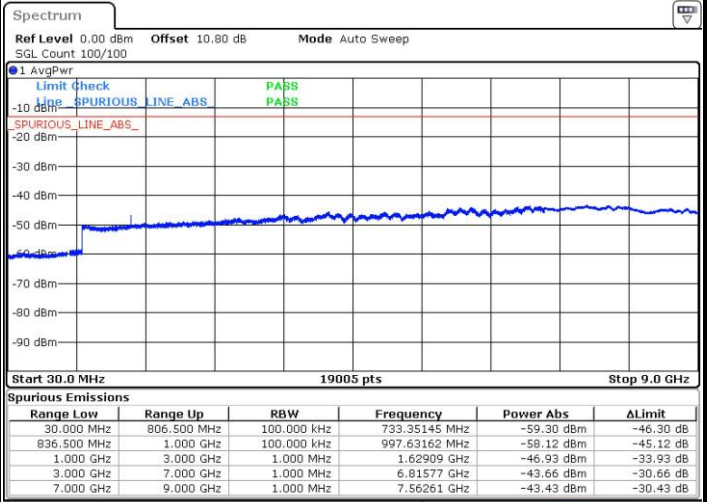
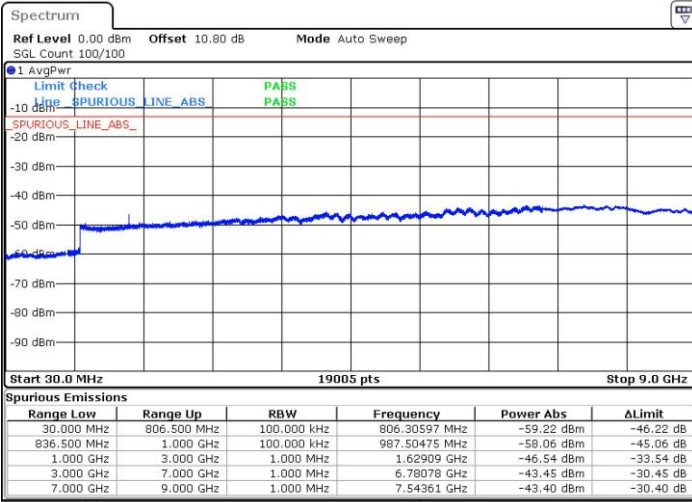




LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

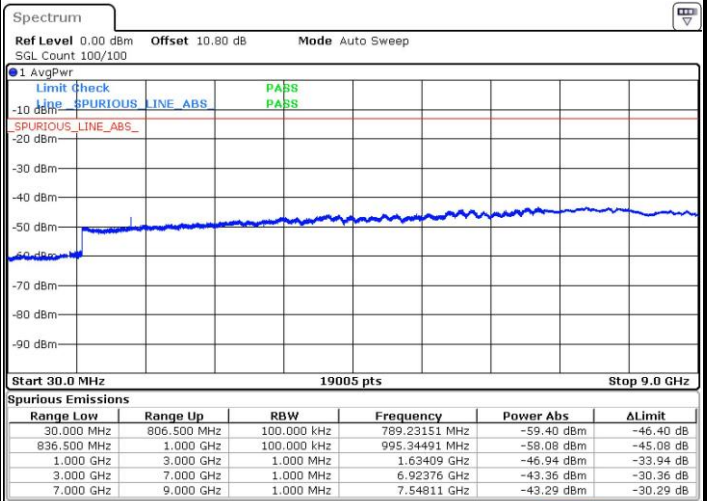
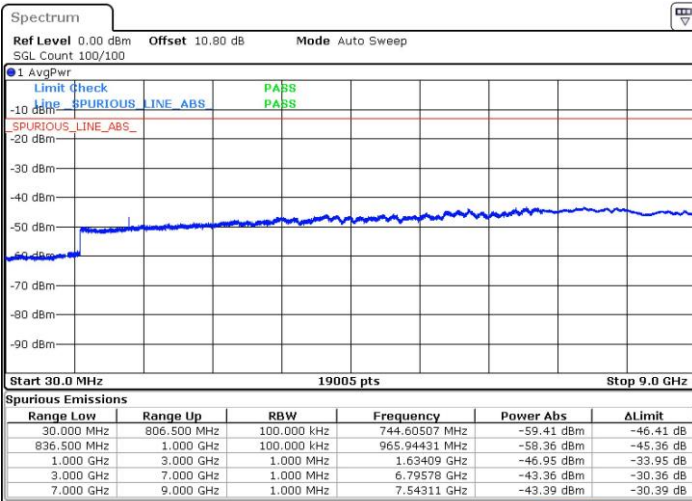


Date: 30 APR 2019 02:48:05

Date: 30 APR 2019 02:48:48

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 30 APR 2019 02:49:31

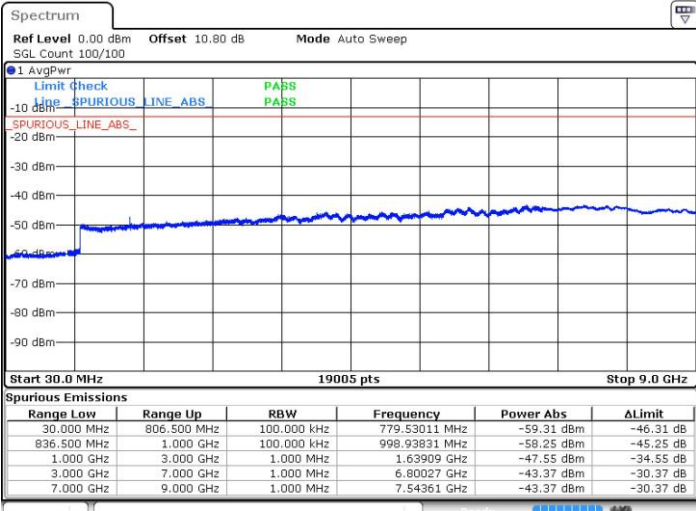
Date: 30 APR 2019 02:50:14



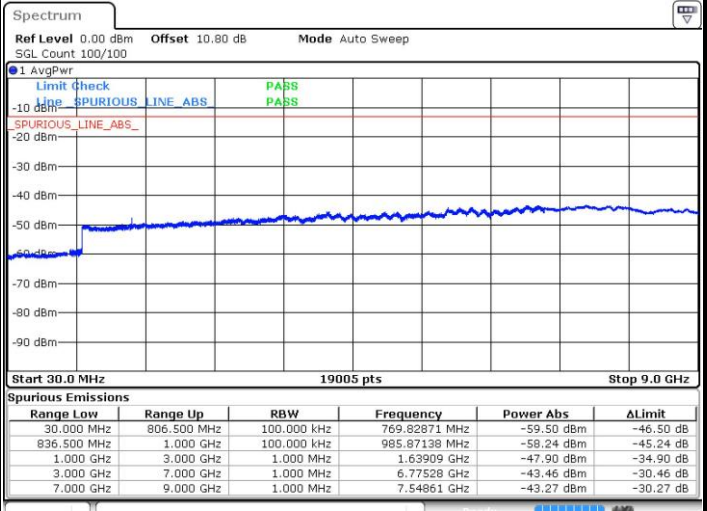
LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 30 APR 2019 02:50:57

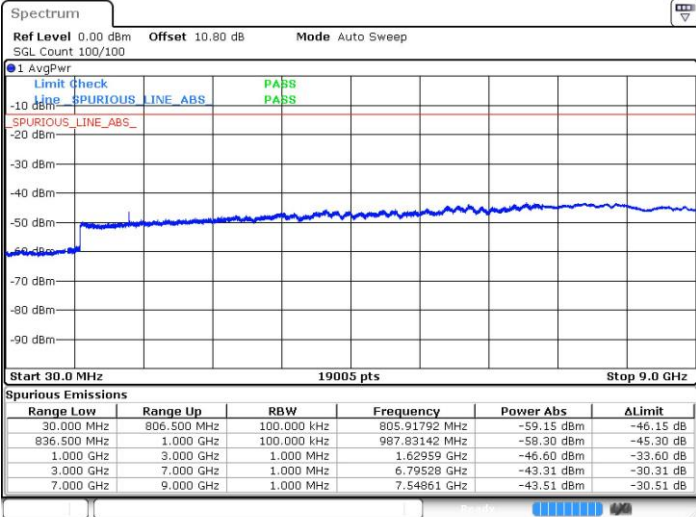


Date: 30 APR 2019 02:51:40

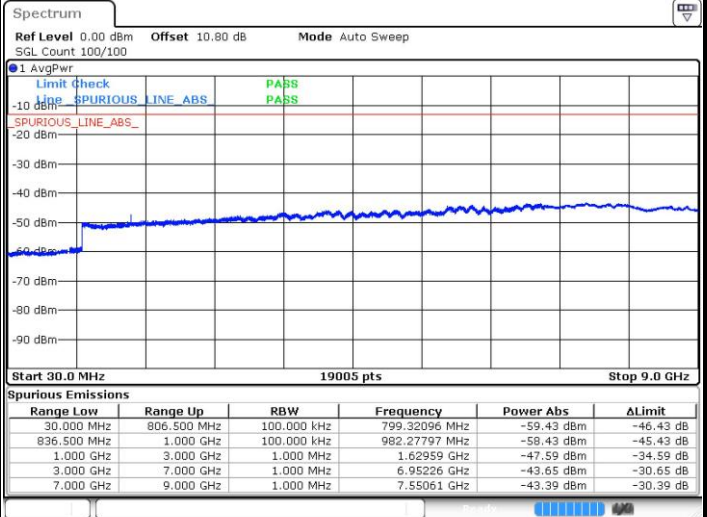
LTE Band 26 / 10MHz

Middle Channel / QPSK

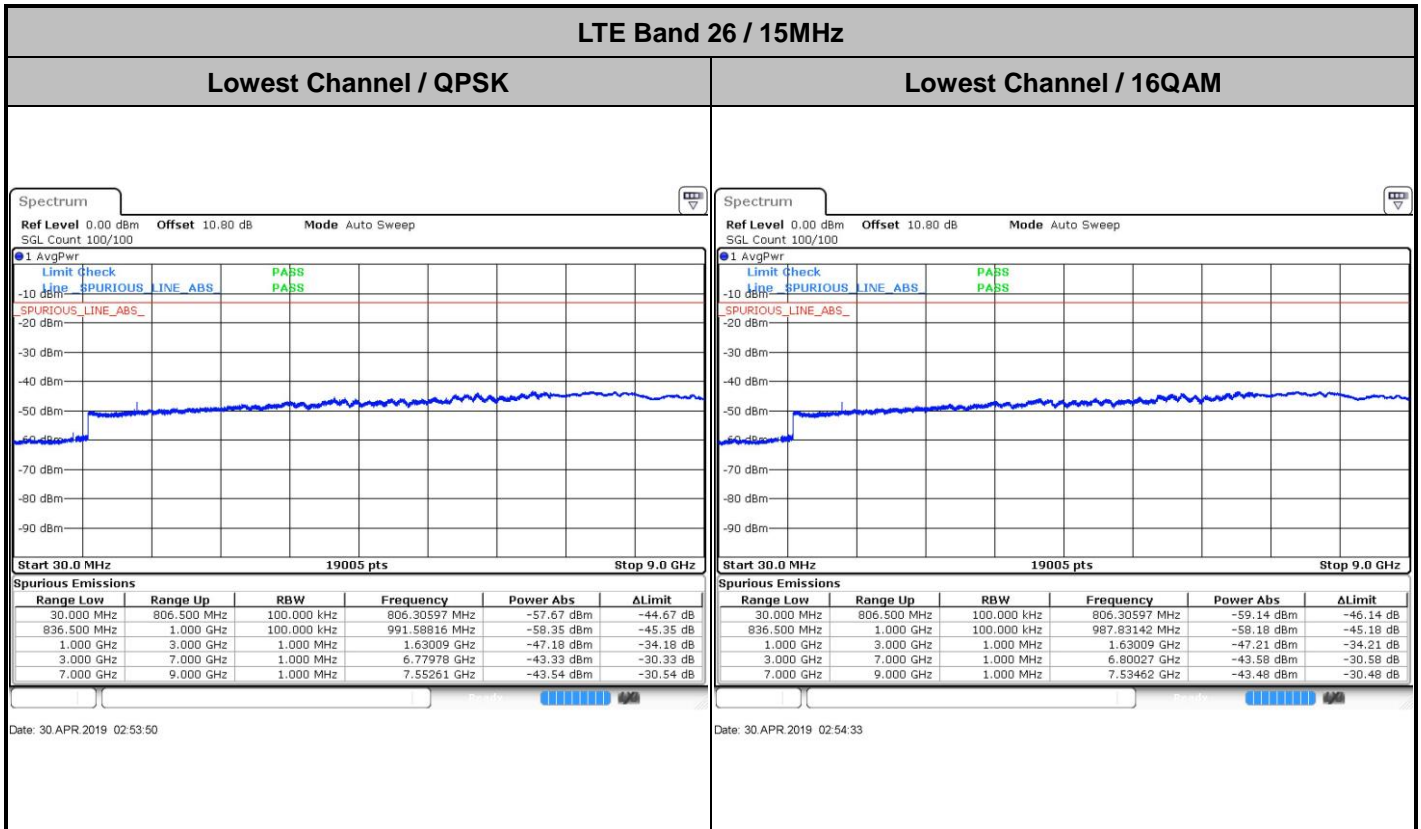
Middle Channel / 16QAM



Date: 30 APR 2019 02:52:23



Date: 30 APR 2019 02:53:06

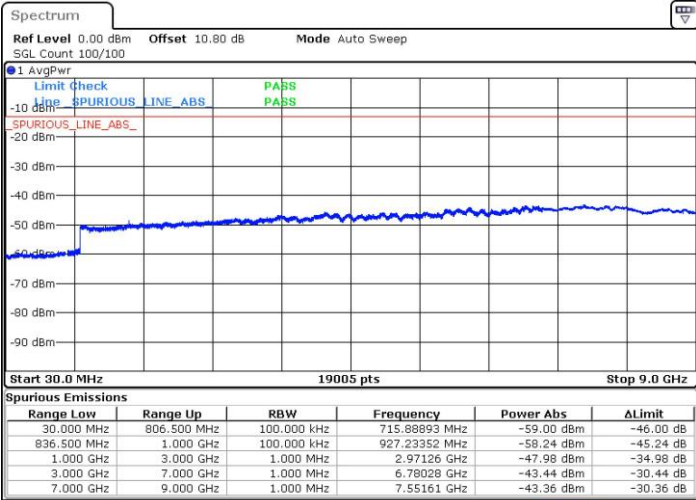




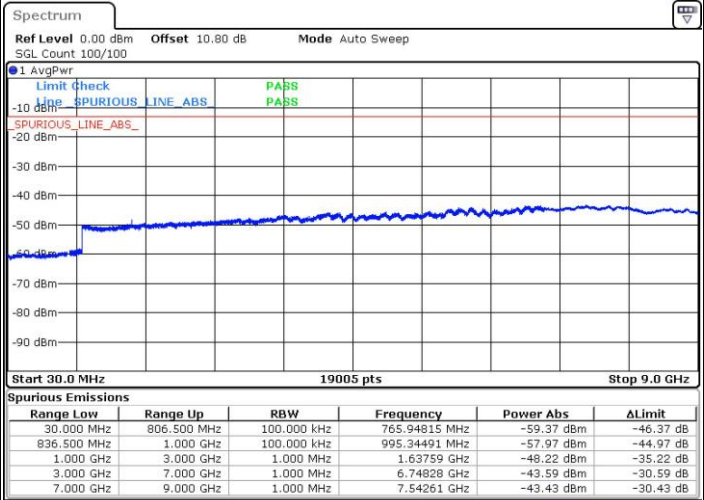
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

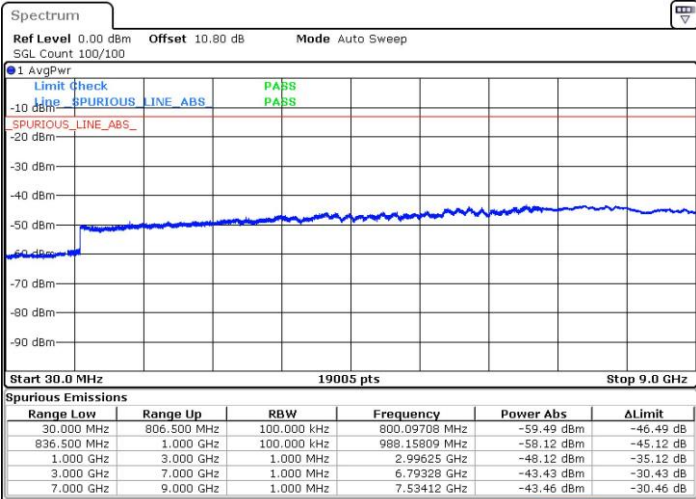


Date: 29 APR 2019 08:02:44



Date: 29 APR 2019 08:03:22

Highest Channel / 64QAM



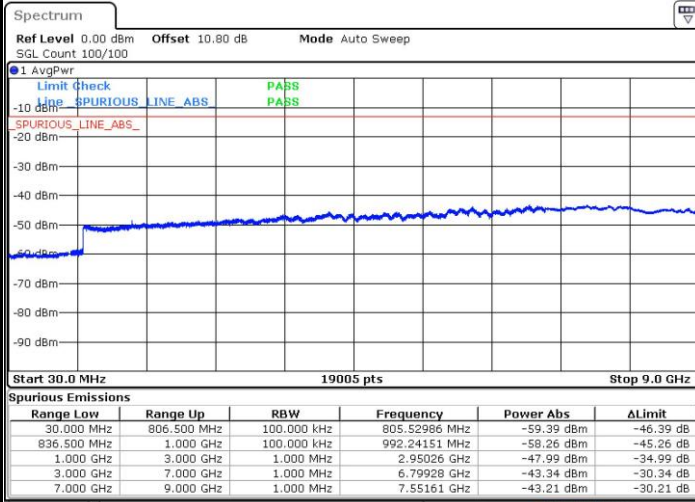
Date: 29 APR 2019 08:03:59



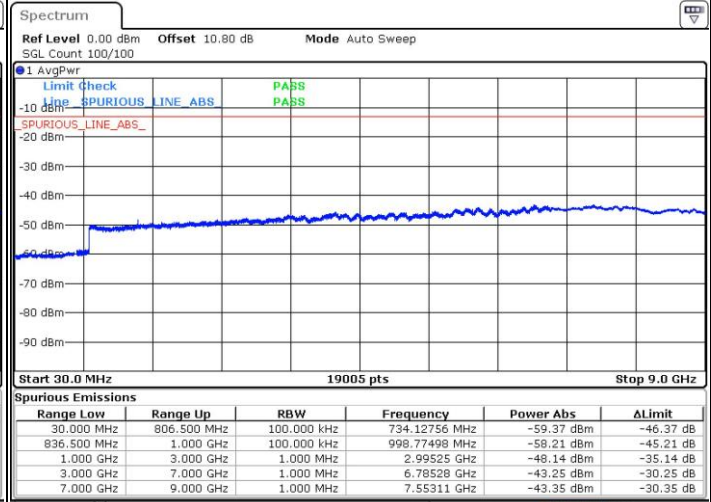
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

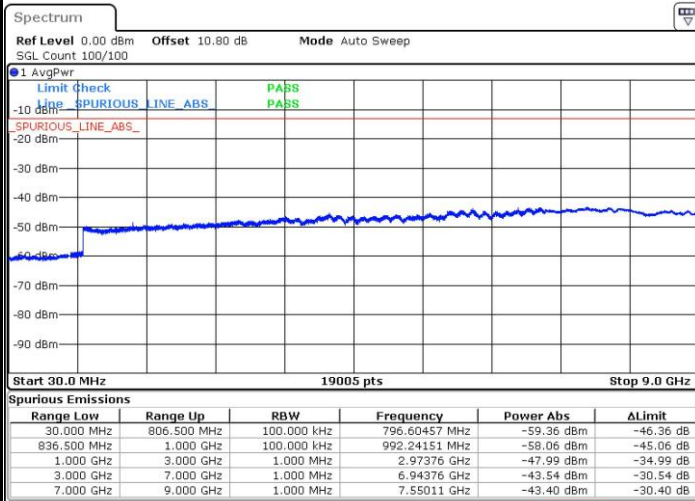


Date: 30 APR 2019 02:26:57



Date: 30 APR 2019 02:27:39

Highest Channel / 64QAM



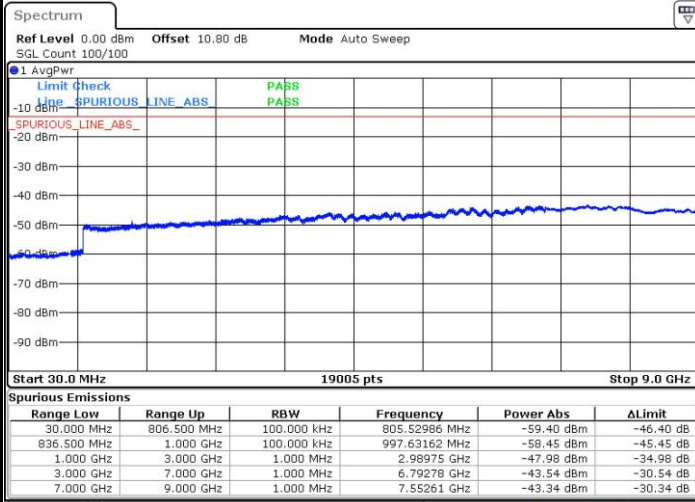
Date: 30 APR 2019 02:28:22



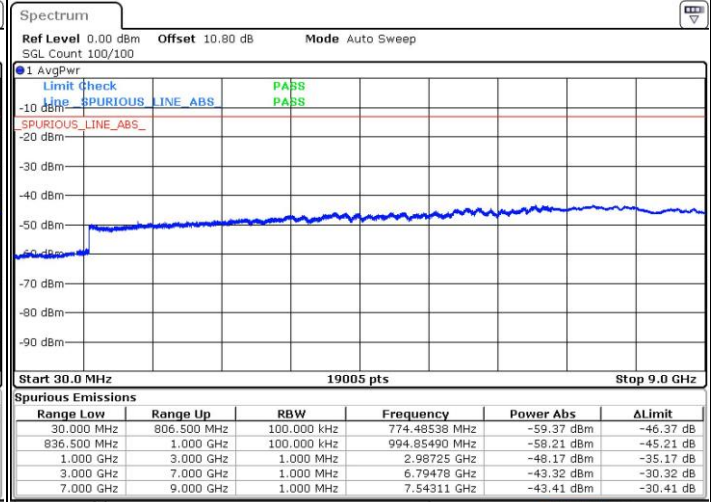
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

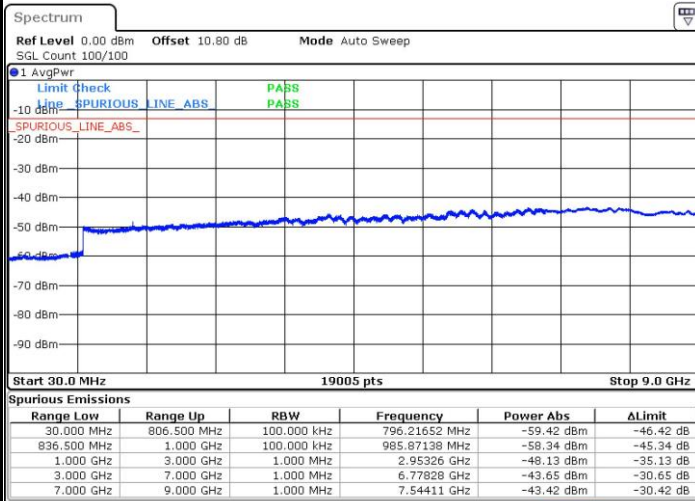


Date: 30 APR 2019 02:33:22

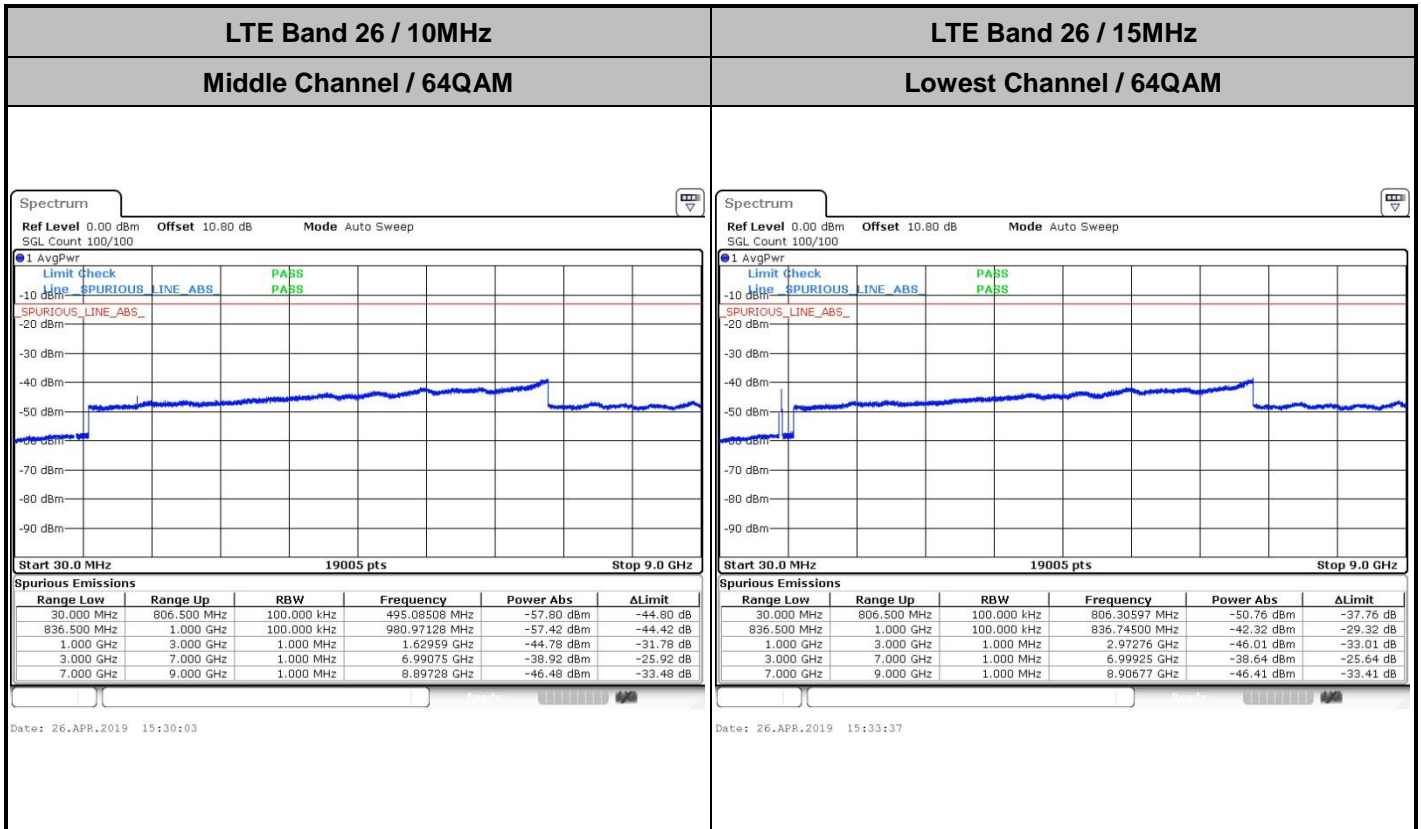


Date: 30 APR 2019 02:34:04

Highest Channel / 64QAM



Date: 30 APR 2019 02:34:47





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	0.0050	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0038	
-20	Normal Voltage	0.0045	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0054	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0083	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. 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	0.0052	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0082	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

- 1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only for Ant. 0_A>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = -3.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	74	24.58	0.29	18.93	0.08
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	23.91	0.25	18.26	0.07
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	74	22.76	0.19	17.11	0.05
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



ERP

<Reporting Only for Ant. 1>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = -4.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	74	24.58	0.29	17.83	0.06
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	23.91	0.25	17.16	0.05
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	74	22.76	0.19	16.01	0.04
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission

<Ant. 0_A>

LTE Band 26 (Part 90S)

LTE Band 26 / 3MHz / 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	-61.84	-13	-48.84	-74.17	-63.65	0.97	4.93	H
	2448	-51.93	-13	-38.93	-69.39	-53.75	1.27	5.24	H
	3264	-57.99	-13	-44.99	-77.55	-61.27	1.53	6.96	H
	1632	-61.18	-13	-48.18	-73.99	-62.99	0.97	4.93	V
	2448	-49.74	-13	-36.74	-67.64	-51.56	1.27	5.24	V
	3264	-58.00	-13	-45.00	-77.96	-61.28	1.53	6.96	V
Middle	1640	-61.79	-13	-48.79	-74.26	-63.57	0.97	4.91	H
	2456	-52.02	-13	-39.02	-69.56	-53.86	1.28	5.27	H
	3272	-58.10	-13	-45.10	-77.74	-61.41	1.53	7.00	H
	1640	-61.57	-13	-48.57	-74.51	-63.35	0.97	4.91	V
	2456	-50.21	-13	-37.21	-68.19	-52.05	1.28	5.27	V
	3272	-57.81	-13	-44.81	-77.82	-61.12	1.53	7.00	V
Highest	1648	-60.06	-13	-47.06	-72.53	-61.82	0.98	4.89	H
	2472	-52.64	-13	-39.64	-70.27	-54.52	1.28	5.32	H
	3288	-58.09	-13	-45.09	-77.82	-61.47	1.54	7.07	H
	1648	-59.24	-13	-46.24	-72.18	-61	0.98	4.89	V
	2472	-49.85	-13	-36.85	-67.92	-51.73	1.28	5.32	V
	3288	-57.56	-13	-44.56	-77.62	-60.94	1.54	7.07	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	1632	-59.60	-13	-46.60	-71.93	-61.41	0.97	4.93	H
	2440	-51.68	-13	-38.68	-69.15	-53.48	1.27	5.22	H
	3256	-57.86	-13	-44.86	-77.42	-61.11	1.53	6.93	H
	1632	-59.70	-13	-46.70	-72.51	-61.51	0.97	4.93	V
	2440	-47.85	-13	-34.85	-65.76	-49.65	1.27	5.22	V
	3256	-57.43	-13	-44.43	-77.39	-60.68	1.53	6.93	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	1656	-59.71	-13	-46.71	-72.33	-61.44	0.98	4.86	H
	2488	-48.21	-13	-35.21	-65.91	-50.14	1.29	5.36	H
	3312	-57.14	-13	-44.14	-76.97	-60.62	1.55	7.17	H
	1656	-58.43	-13	-45.43	-71.52	-60.16	0.98	4.86	V
	2488	-48.09	-13	-35.09	-66.24	-50.02	1.29	5.36	V
	3312	-57.40	-13	-44.40	-77.51	-60.88	1.55	7.17	V

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



<Ant. 1>

LTE Band 26 (Part 90S)

LTE Band 26 / 3MHz / 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	-63.49	-13	-50.49	-75.82	-65.3	0.97	4.93	H
	2448	-48.32	-13	-35.32	-65.78	-50.14	1.27	5.24	H
	3264	-57.90	-13	-44.90	-77.46	-61.18	1.53	6.96	H
	1632	-62.93	-13	-49.93	-75.74	-64.74	0.97	4.93	V
	2448	-50.75	-13	-37.75	-68.65	-52.57	1.27	5.24	V
	3264	-57.27	-13	-44.27	-77.23	-60.55	1.53	6.96	V
Middle	1640	-63.18	-13	-50.18	-75.65	-64.96	0.97	4.91	H
	2456	-46.64	-13	-33.64	-64.18	-48.48	1.28	5.27	H
	3272	-57.87	-13	-44.87	-77.51	-61.18	1.53	7.00	H
	1640	-62.56	-13	-49.56	-75.5	-64.34	0.97	4.91	V
	2456	-49.40	-13	-36.40	-67.38	-51.24	1.28	5.27	V
	3272	-57.62	-13	-44.62	-77.63	-60.93	1.53	7.00	V
Highest	1648	-62.95	-13	-49.95	-75.42	-64.71	0.98	4.89	H
	2472	-46.51	-13	-33.51	-64.14	-48.39	1.28	5.32	H
	3288	-57.87	-13	-44.87	-77.6	-61.25	1.54	7.07	H
	1648	-62.31	-13	-49.31	-75.25	-64.07	0.98	4.89	V
	2472	-49.92	-13	-36.92	-67.99	-51.8	1.28	5.32	V
	3288	-57.72	-13	-44.72	-77.78	-61.1	1.54	7.07	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	1632	-63.49	-13	-50.49	-75.82	-65.3	0.97	4.93	H
	2440	-47.82	-13	-34.82	-65.29	-49.62	1.27	5.22	H
	3256	-58.01	-13	-45.01	-77.57	-61.26	1.53	6.93	H
	1632	-62.79	-13	-49.79	-75.6	-64.6	0.97	4.93	V
	2440	-52.33	-13	-39.33	-70.24	-54.13	1.27	5.22	V
	3256	-57.58	-13	-44.58	-77.54	-60.83	1.53	6.93	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	1656	-63.05	-13	-50.05	-75.67	-64.78	0.98	4.86	H
	2488	-49.26	-13	-36.26	-66.96	-51.19	1.29	5.36	H
	3312	-57.66	-13	-44.66	-77.49	-61.14	1.55	7.17	H
	1656	-62.66	-13	-49.66	-75.75	-64.39	0.98	4.86	V
	2488	-48.96	-13	-35.96	-67.11	-50.89	1.29	5.36	V
	3312	-57.39	-13	-44.39	-77.5	-60.87	1.55	7.17	V

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



<WPC Charging Mode>

LTE Band 26 (Part 90S)

LTE Band 26 / 3MHz / 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	-63.32	-13	-50.32	-75.39	-65.13	0.97	4.93	H
	2448	-57.26	-13	-44.26	-74.45	-59.08	1.27	5.24	H
	3264	-58.33	-13	-45.33	-77.7	-61.61	1.53	6.96	H
	1632	-62.88	-13	-49.88	-75.41	-64.69	0.97	4.93	V
	2448	-54.15	-13	-41.15	-71.8	-55.97	1.27	5.24	V
	3264	-57.61	-13	-44.61	-77.3	-60.89	1.53	6.96	V
Middle	1640	-63.53	-13	-50.53	-75.72	-65.31	0.97	4.91	H
	2456	-57.94	-13	-44.94	-75.24	-59.78	1.28	5.27	H
	3272	-58.24	-13	-45.24	-77.6	-61.55	1.53	7.00	H
	1640	-63.11	-13	-50.11	-75.78	-64.89	0.97	4.91	V
	2456	-54.94	-13	-41.94	-72.67	-56.78	1.28	5.27	V
	3272	-57.98	-13	-44.98	-77.74	-61.29	1.53	7.00	V
Highest	1648	-62.96	-13	-49.96	-75.19	-64.72	0.98	4.89	H
	2472	-57.58	-13	-44.58	-74.9	-59.46	1.28	5.32	H
	3288	-57.77	-13	-44.77	-77.26	-61.15	1.54	7.07	H
	1648	-62.78	-13	-49.78	-75.47	-64.54	0.98	4.89	V
	2472	-54.87	-13	-41.87	-72.7	-56.75	1.28	5.32	V
	3288	-57.46	-13	-44.46	-77.27	-60.84	1.54	7.07	V

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

————THE END————