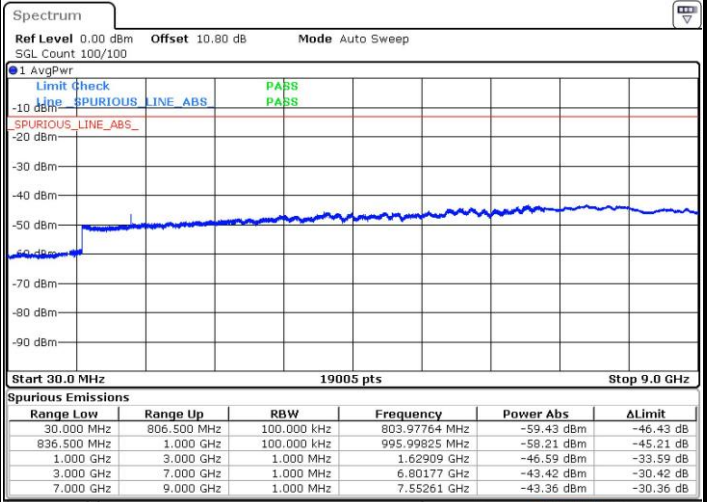
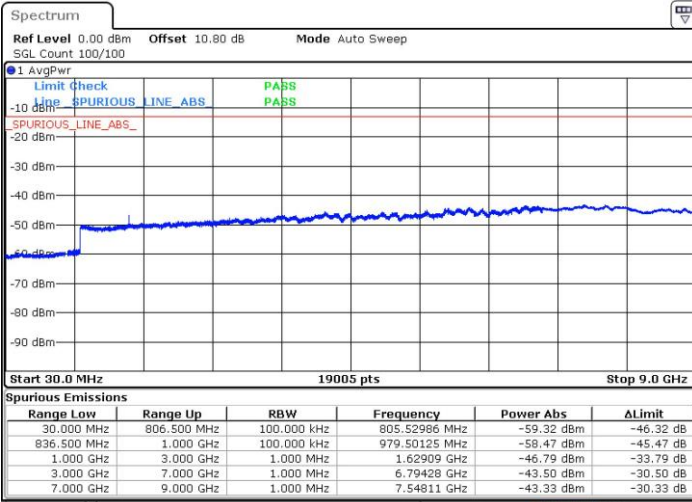




LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

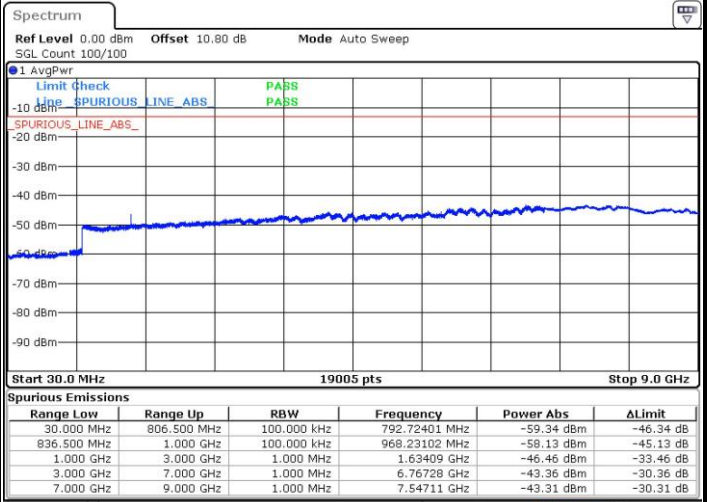
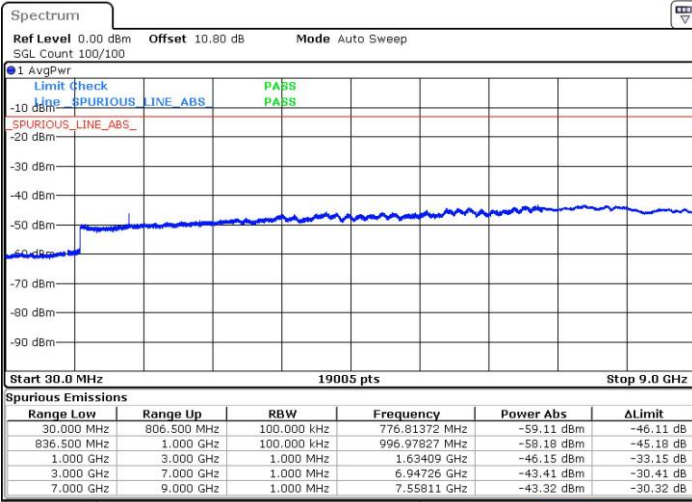


Date: 14 APR 2019 04:53:31

Date: 14 APR 2019 04:54:23

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14 APR 2019 04:56:05

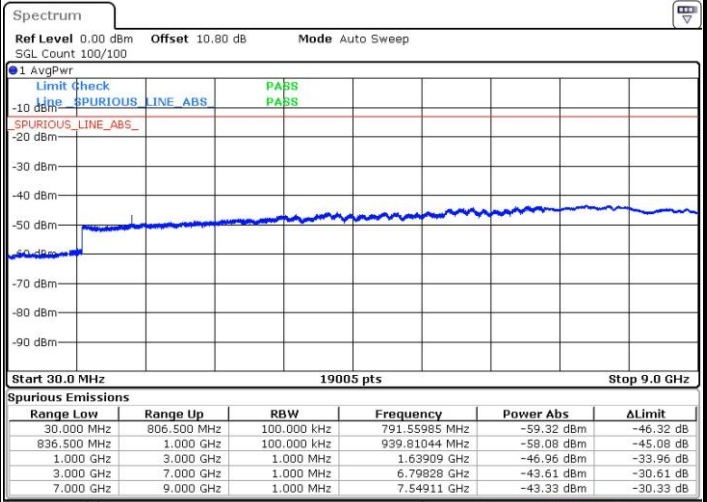
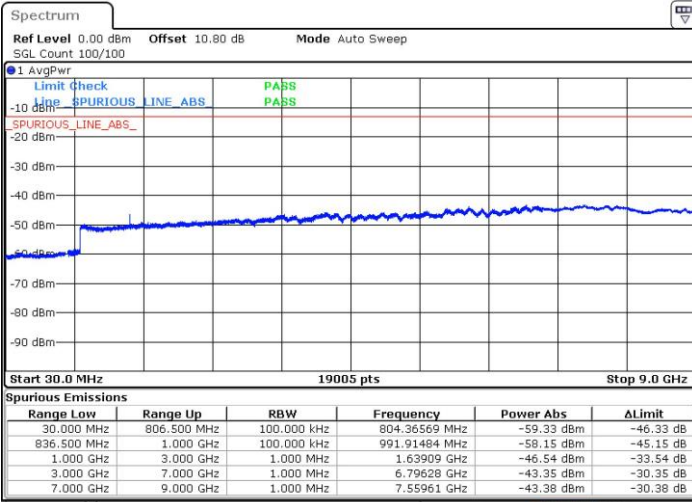
Date: 14 APR 2019 04:56:57



LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



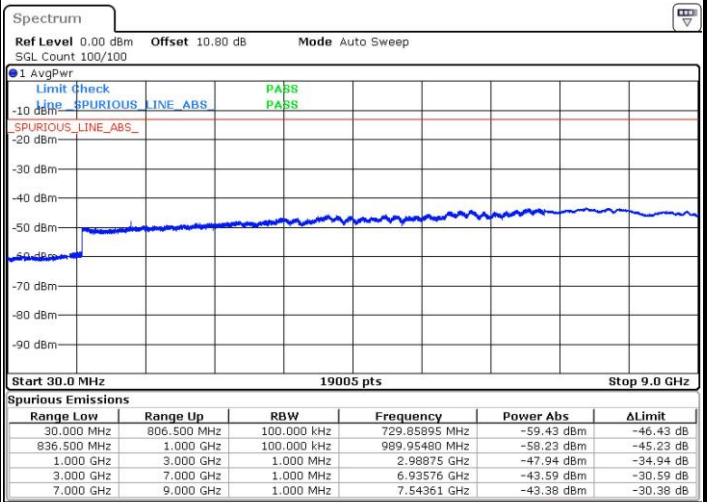
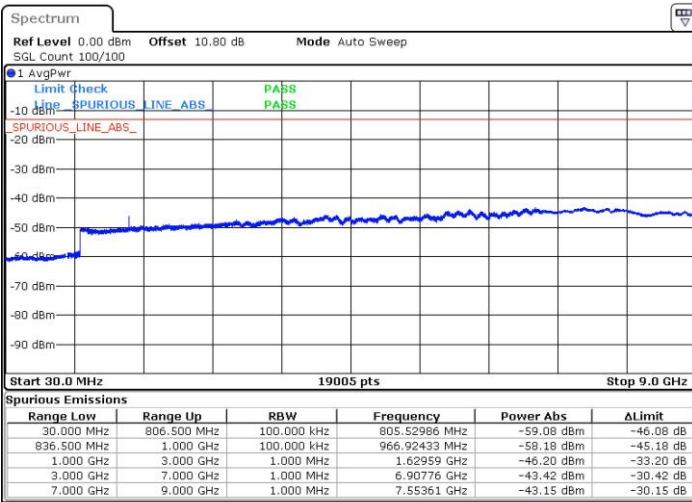
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Date: 14 APR 2019 04:59:31

LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 14 APR 2019 05:01:13

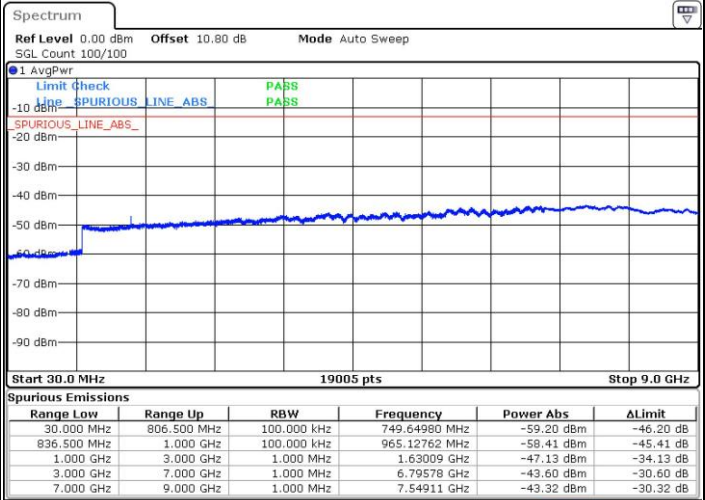
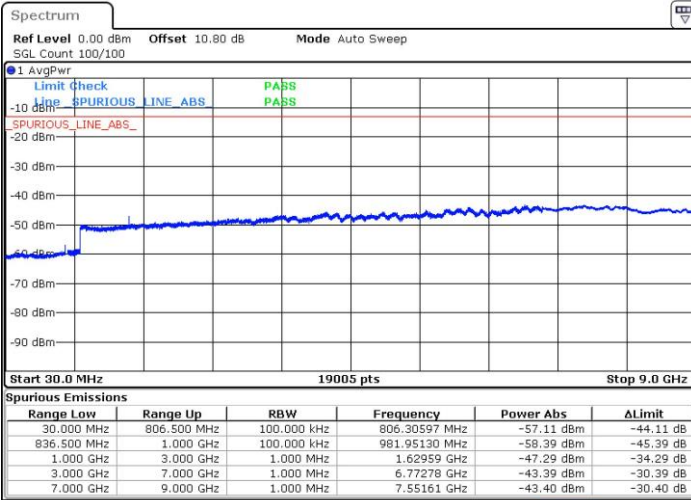
Date: 14 APR 2019 05:02:06



LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

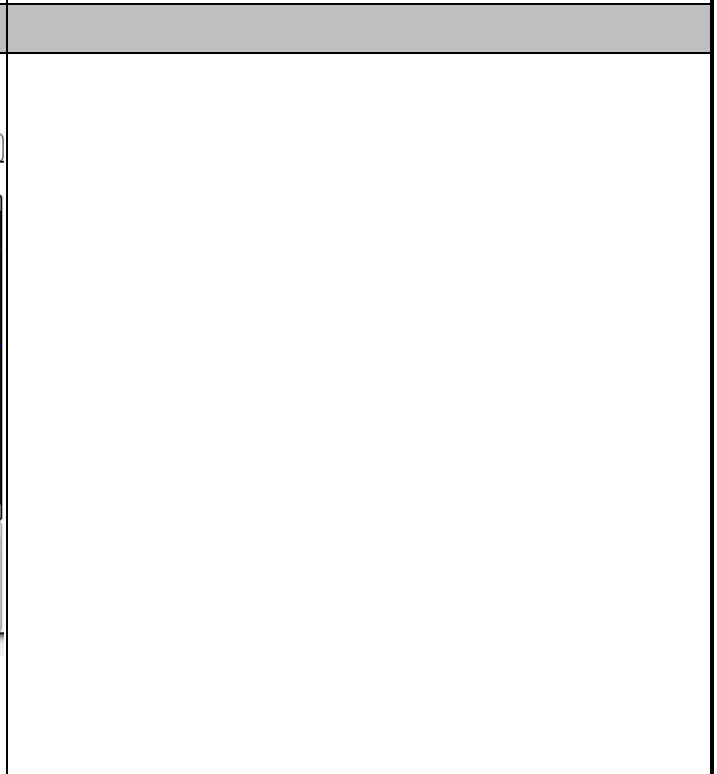
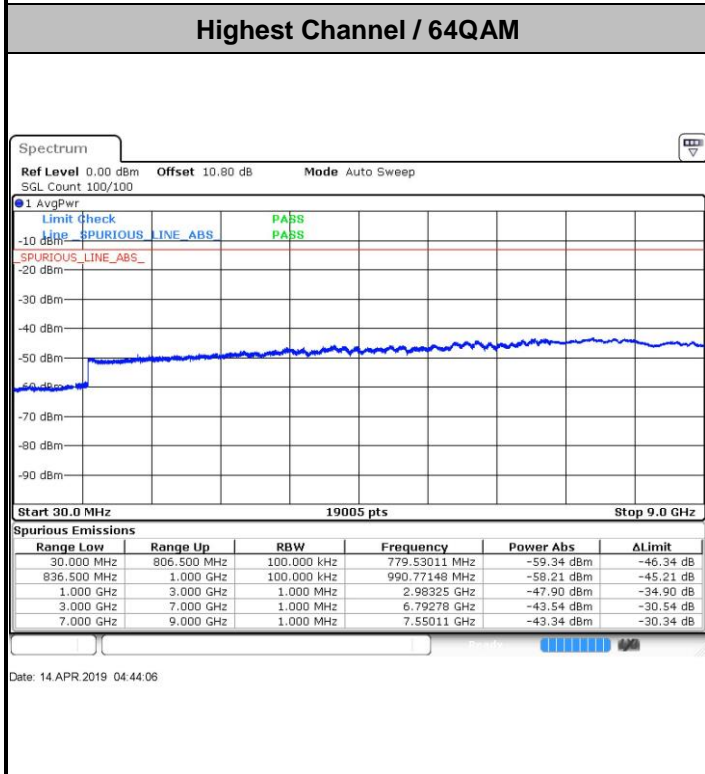
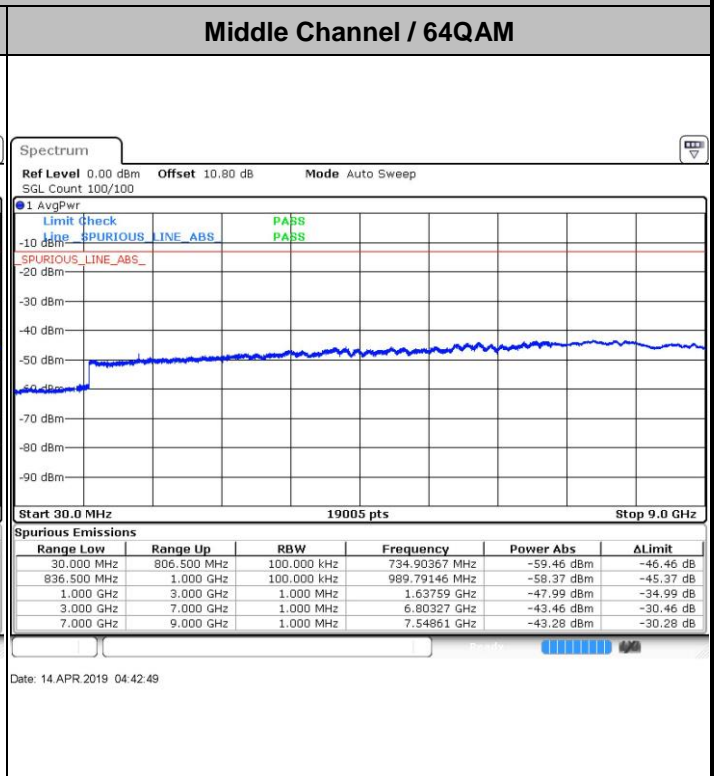
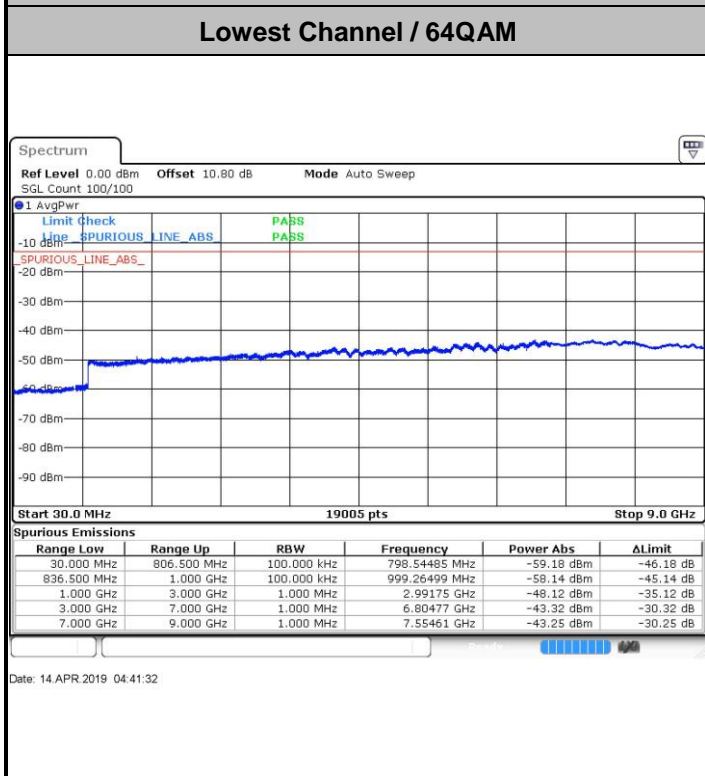


Date: 14 APR 2019 05:03:48

Date: 14 APR 2019 05:04:40



LTE Band 26 / 1.4MHz

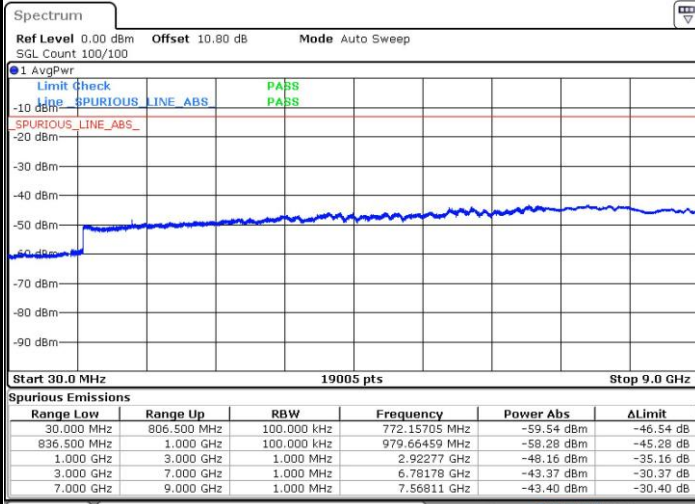




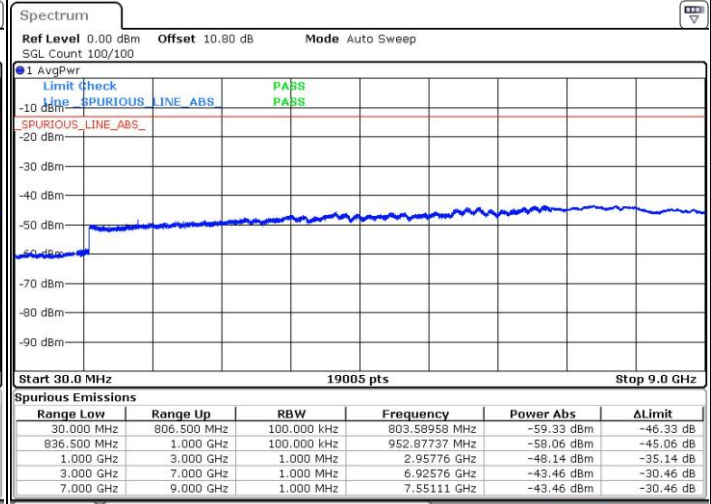
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

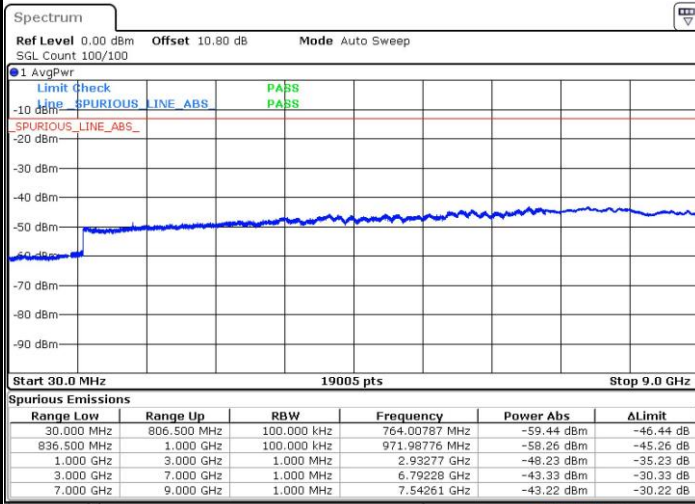


Date: 14 APR 2019 04:29:04



Date: 14 APR 2019 04:30:21

Highest Channel / 64QAM



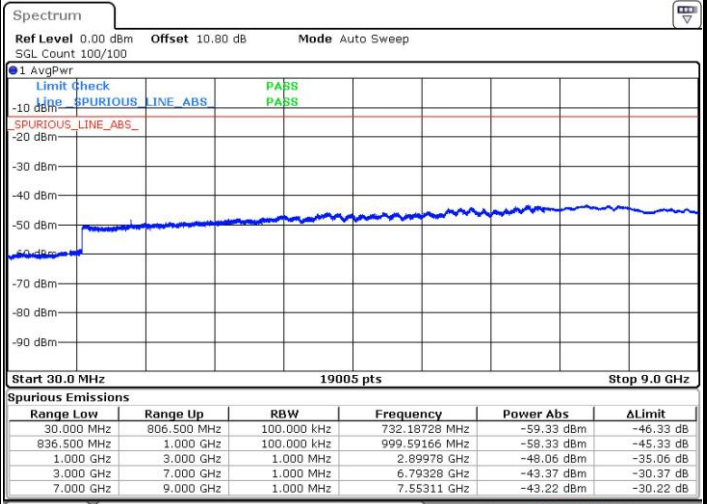
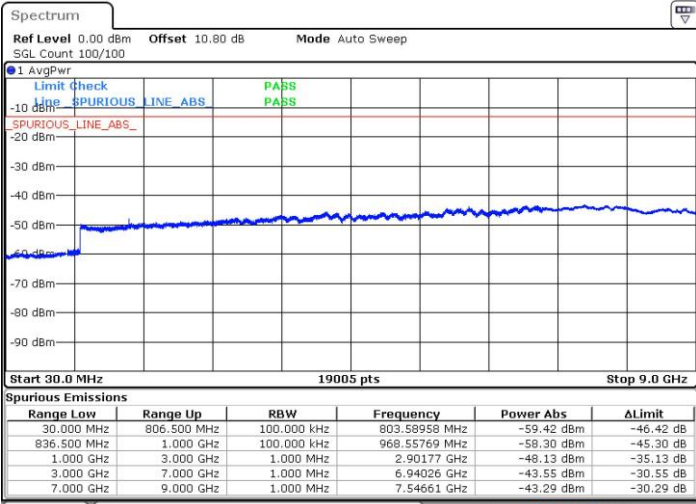
Date: 14 APR 2019 04:31:38



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

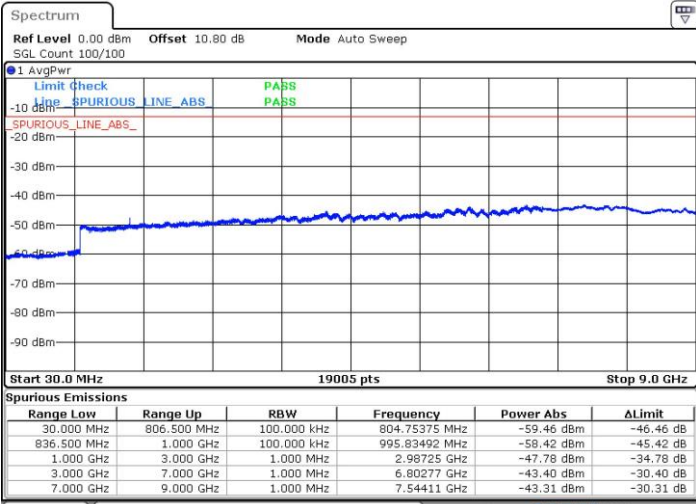
Middle Channel / 64QAM



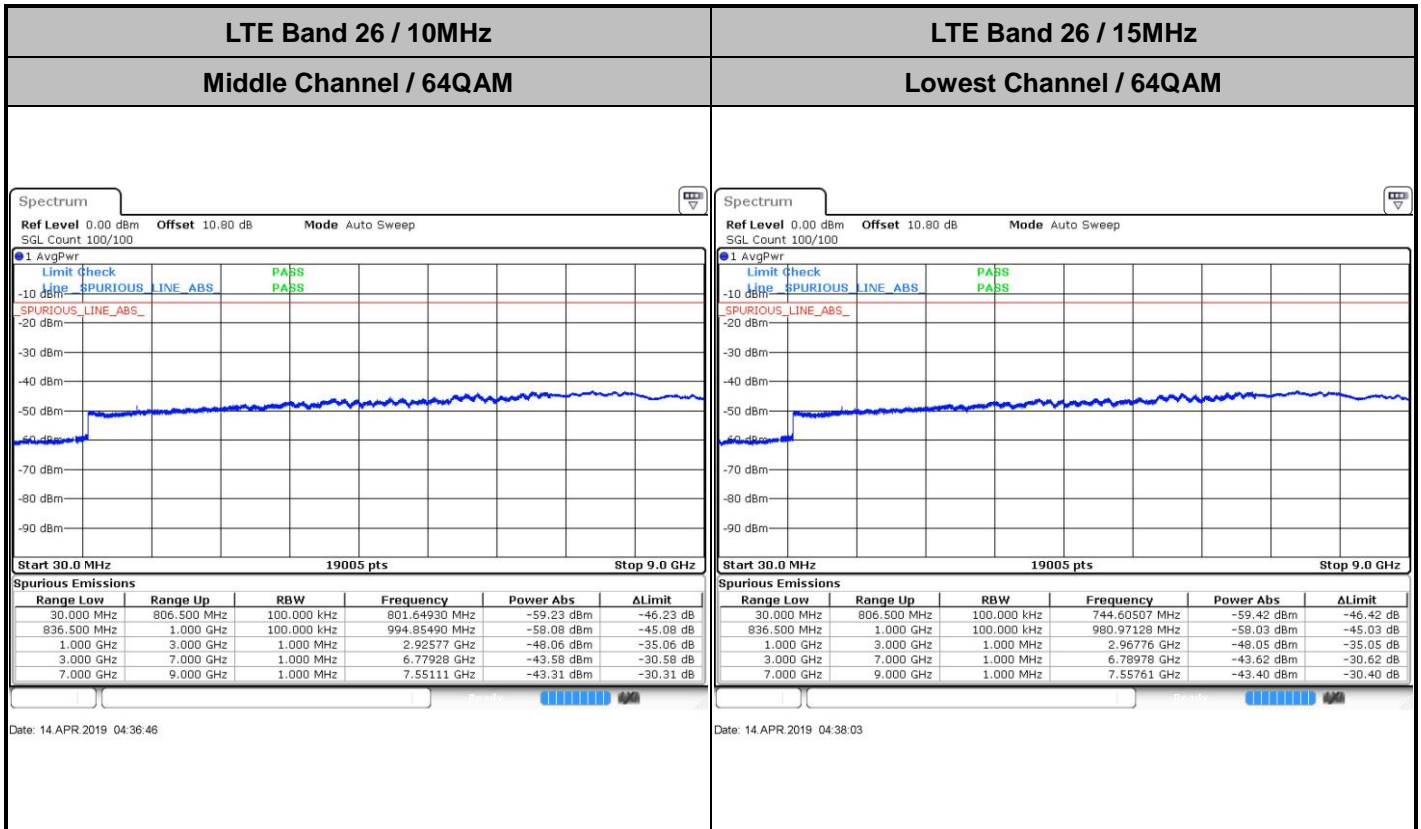
Date: 14 APR 2019 04:32:55

Date: 14 APR 2019 04:34:12

Highest Channel / 64QAM



Date: 14 APR 2019 04:35:29





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	0.0039	PASS
40	Normal Voltage	0.0048	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

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	0.0041	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0082	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0058	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

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	24.71	0.30	19.06	0.08
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	23.95	0.25	18.30	0.07
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	22.98	0.20	17.33	0.05
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



<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	24.71	0.30	17.96	0.06
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	23.95	0.25	17.20	0.05
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	22.98	0.20	16.23	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	-63.32	-13	-50.32	-75.65	-65.13	0.97	4.93	H
	2440	-53.39	-13	-40.39	-70.86	-55.19	1.27	5.22	H
	3264	-58.26	-13	-45.26	-77.77	-61.54	1.53	6.96	H
	1632	-62.05	-13	-49.05	-74.93	-63.86	0.97	4.93	V
	2440	-50.81	-13	-37.81	-68.77	-52.61	1.27	5.22	V
	3264	-57.59	-13	-44.59	-77.6	-60.87	1.53	6.96	V
Middle	1640	-63.22	-13	-50.22	-75.69	-65	0.97	4.91	H
	2456	-54.03	-13	-41.03	-71.56	-55.87	1.28	5.27	H
	3272	-57.81	-13	-44.81	-77.43	-61.12	1.53	7.00	H
	1640	-62.11	-13	-49.11	-75	-63.89	0.97	4.91	V
	2456	-51.43	-13	-38.43	-69.57	-53.27	1.28	5.27	V
	3272	-57.71	-13	-44.71	-77.69	-61.02	1.53	7.00	V
Highest	1648	-62.75	-13	-49.75	-75.34	-64.51	0.98	4.89	H
	2464	-54.63	-13	-41.63	-72.17	-56.49	1.28	5.29	H
	3288	-58.15	-13	-45.15	-77.88	-61.53	1.54	7.07	H
	1648	-62.39	-13	-49.39	-75.36	-64.15	0.98	4.89	V
	2464	-51.48	-13	-38.48	-69.4	-53.34	1.28	5.29	V
	3288	-57.51	-13	-44.51	-77.53	-60.89	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	1624	-63.28	-13	-50.28	-75.61	-65.12	0.97	4.95	H
	2440	-53.35	-13	-40.35	-70.82	-55.15	1.27	5.22	H
	3256	-57.88	-13	-44.88	-77.48	-61.13	1.53	6.93	H
	1624	-62.77	-13	-49.77	-75.65	-64.61	0.97	4.95	V
	2440	-51.06	-13	-38.06	-69.03	-52.86	1.27	5.22	V
	3256	-57.75	-13	-44.75	-77.71	-61	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	-62.79	-13	-49.79	-75.41	-64.52	0.98	4.86	H
	2488	-53.99	-13	-40.99	-71.64	-55.92	1.29	5.36	H
	3320	-57.52	-13	-44.52	-77.35	-61.03	1.55	7.21	H
	1656	-62.52	-13	-49.52	-75.75	-64.25	0.98	4.86	V
	2488	-51.01	-13	-38.01	-69.05	-52.94	1.29	5.36	V
	3320	-57.54	-13	-44.54	-77.66	-61.05	1.55	7.21	V

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



<For 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	-58.77	-13	-45.77	-71.05	-60.58	0.97	4.93	H
	2448	-50.72	-13	-37.72	-68.2	-52.54	1.27	5.24	H
	3264	-58.21	-13	-45.21	-77.66	-61.49	1.53	6.96	H
	1632	-60.38	-13	-47.38	-73.18	-62.19	0.97	4.93	V
	2448	-52.31	-13	-39.31	-70.22	-54.13	1.27	5.24	V
	3264	-58.09	-13	-45.09	-78.01	-61.37	1.53	6.96	V
Middle	1640	-56.76	-13	-43.76	-69.26	-58.54	0.97	4.91	H
	2456	-46.59	-13	-33.59	-64.15	-48.43	1.28	5.27	H
	3272	-58.16	-13	-45.16	-77.82	-61.47	1.53	7.00	H
	1640	-57.22	-13	-44.22	-70.12	-59	0.97	4.91	V
	2456	-52.03	-13	-39.03	-69.98	-53.87	1.28	5.27	V
	3272	-57.94	-13	-44.94	-77.99	-61.25	1.53	7.00	V
Highest	1648	-59.06	-13	-46.06	-71.47	-60.82	0.98	4.89	H
	2472	-53.13	-13	-40.13	-70.76	-55.01	1.28	5.32	H
	3288	-57.94	-13	-44.94	-77.64	-61.32	1.54	7.07	H
	1648	-59.48	-13	-46.48	-72.42	-61.24	0.98	4.89	V
	2472	-53.37	-13	-40.37	-71.51	-55.25	1.28	5.32	V
	3288	-57.81	-13	-44.81	-77.91	-61.19	1.54	7.07	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	-63.36	-13	-50.36	-75.69	-65.17	0.97	4.93	H
	2448	-59.58	-13	-46.58	-77.04	-61.4	1.27	5.24	H
	3264	-58.25	-13	-45.25	-77.81	-61.53	1.53	6.96	H
	1632	-62.78	-13	-49.78	-75.59	-64.59	0.97	4.93	V
	2448	-59.17	-13	-46.17	-77.07	-60.99	1.27	5.24	V
	3264	-57.82	-13	-44.82	-77.78	-61.1	1.53	6.96	V
Middle	1640	-63.09	-13	-50.09	-75.56	-64.87	0.97	4.91	H
	2456	-59.24	-13	-46.24	-76.78	-61.08	1.28	5.27	H
	3272	-57.98	-13	-44.98	-77.62	-61.29	1.53	7.00	H
	1640	-62.48	-13	-49.48	-75.42	-64.26	0.97	4.91	V
	2456	-58.73	-13	-45.73	-76.71	-60.57	1.28	5.27	V
	3272	-57.56	-13	-44.56	-77.57	-60.87	1.53	7.00	V
Highest	1648	-63.00	-13	-50.00	-75.47	-64.76	0.98	4.89	H
	2464	-59.42	-13	-46.42	-76.96	-61.28	1.28	5.29	H
	3288	-58.07	-13	-45.07	-77.8	-61.45	1.54	7.07	H
	1648	-62.55	-13	-49.55	-75.49	-64.31	0.98	4.89	V
	2464	-58.92	-13	-45.92	-76.9	-60.78	1.28	5.29	V
	3288	-57.65	-13	-44.65	-77.71	-61.03	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	1624	-63.32	-13	-50.32	-75.68	-65.16	0.97	4.95	H
	2440	-59.37	-13	-46.37	-76.84	-61.17	1.27	5.22	H
	3256	-57.88	-13	-44.88	-77.4	-61.13	1.53	6.93	H
	1624	-62.67	-13	-49.67	-75.48	-64.51	0.97	4.95	V
	2440	-59.23	-13	-46.23	-77.1	-61.03	1.27	5.22	V
	3256	-57.63	-13	-44.63	-77.67	-60.88	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	-62.50	-13	-49.50	-75.12	-64.23	0.98	4.86	H
	2488	-58.93	-13	-45.93	-76.63	-60.86	1.29	5.36	H
	3320	-57.76	-13	-44.76	-77.59	-61.27	1.55	7.21	H
	1656	-62.56	-13	-49.56	-75.65	-64.29	0.98	4.86	V
	2488	-58.52	-13	-45.52	-76.67	-60.45	1.29	5.36	V
	3320	-57.43	-13	-44.43	-77.54	-60.94	1.55	7.21	V

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

————THE END————