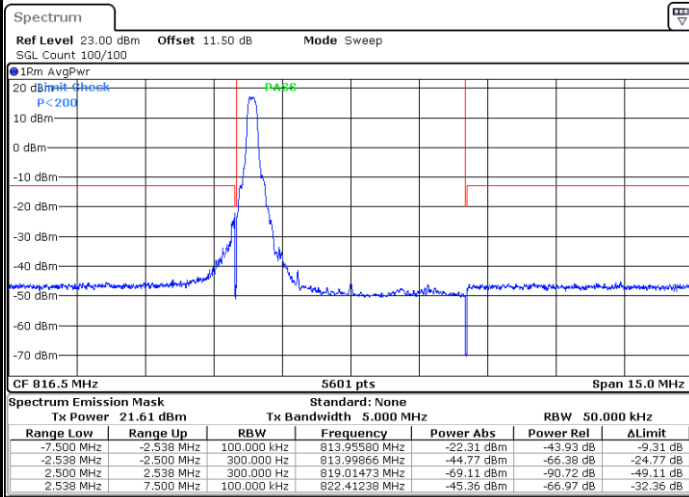




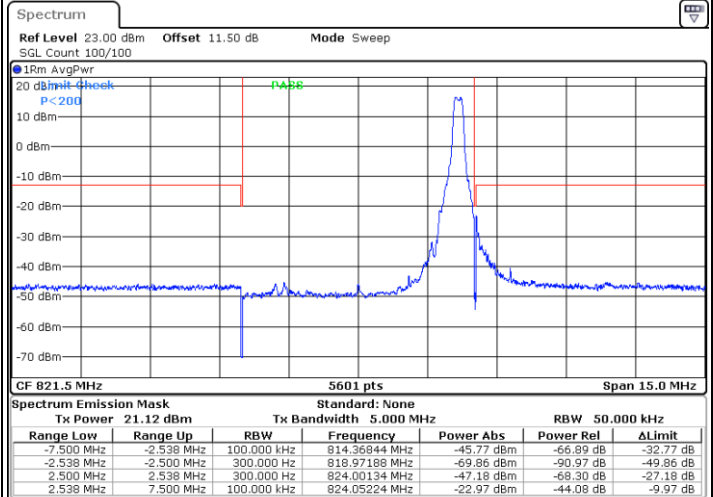
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



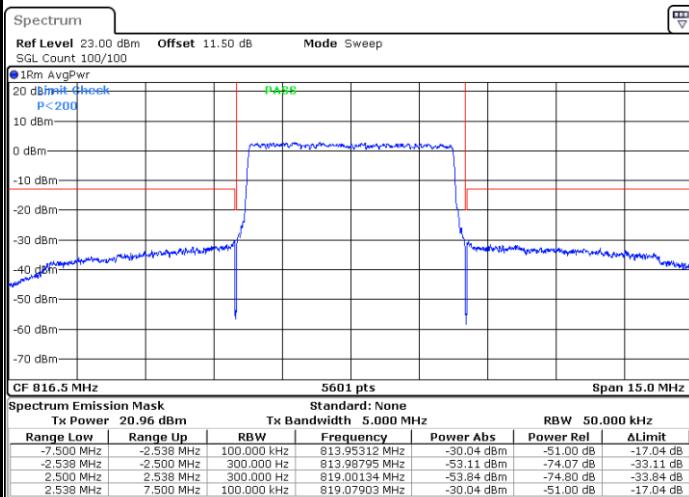
Date: 30.MAY.2020 04:12:56

Highest Band Edge / 1 RB



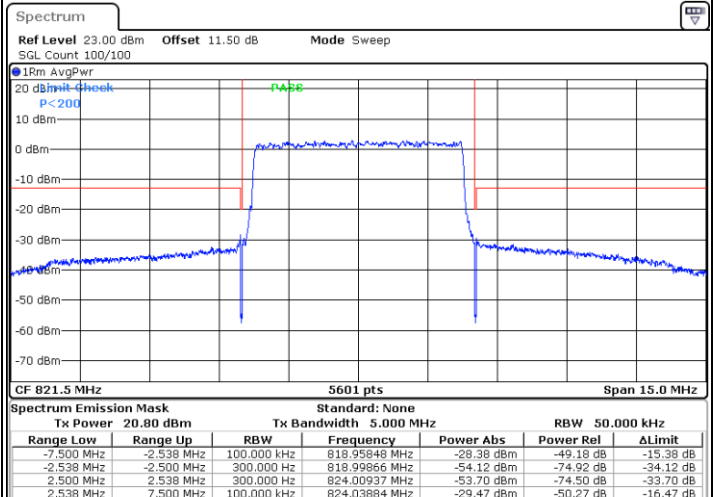
Date: 30.MAY.2020 04:15:07

Lowest Band Edge / Full RB



Date: 30.MAY.2020 04:14:02

Highest Band Edge / Full RB

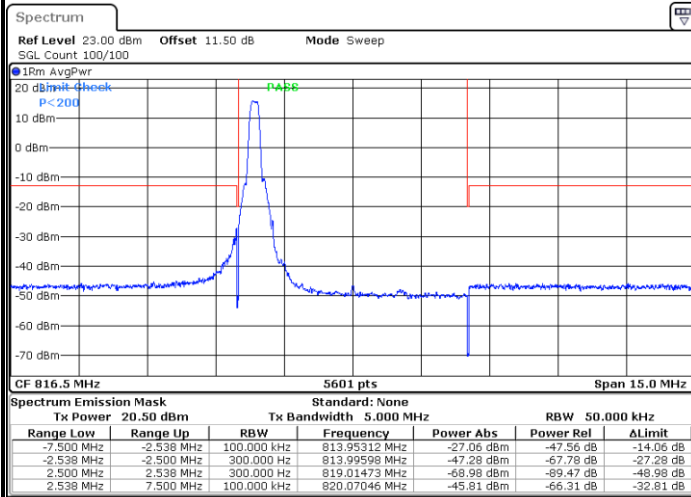


Date: 30.MAY.2020 04:16:13



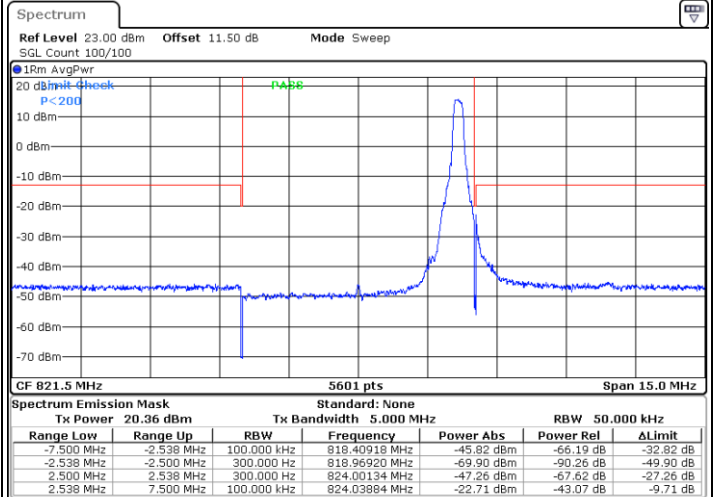
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



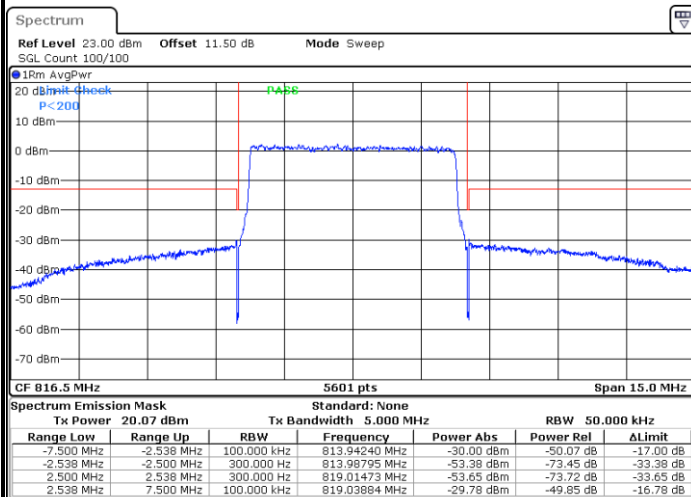
Date: 30.MAY.2020 04:27:37

Highest Band Edge / 1 RB



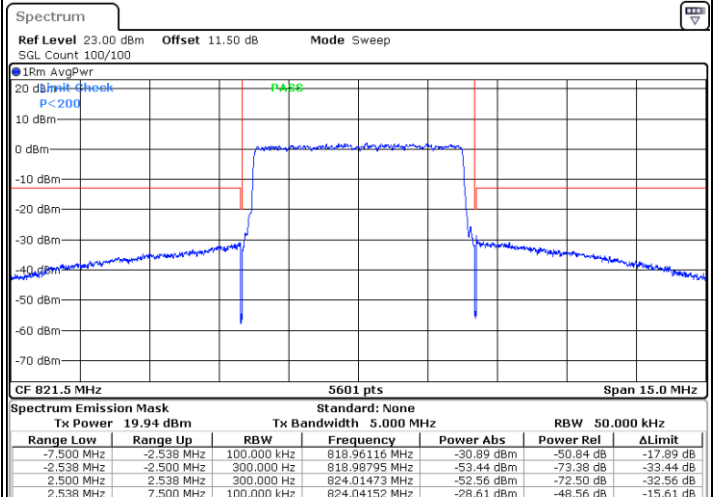
Date: 30.MAY.2020 04:28:42

Lowest Band Edge / Full RB



Date: 30.MAY.2020 04:28:10

Highest Band Edge / Full RB

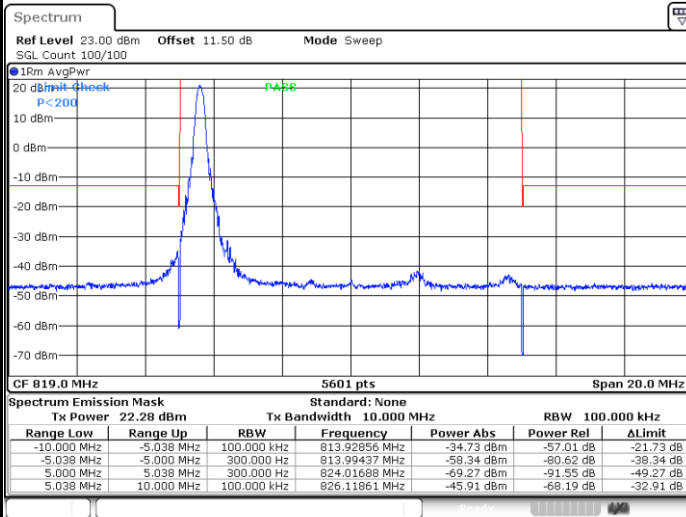


Date: 30.MAY.2020 04:29:14

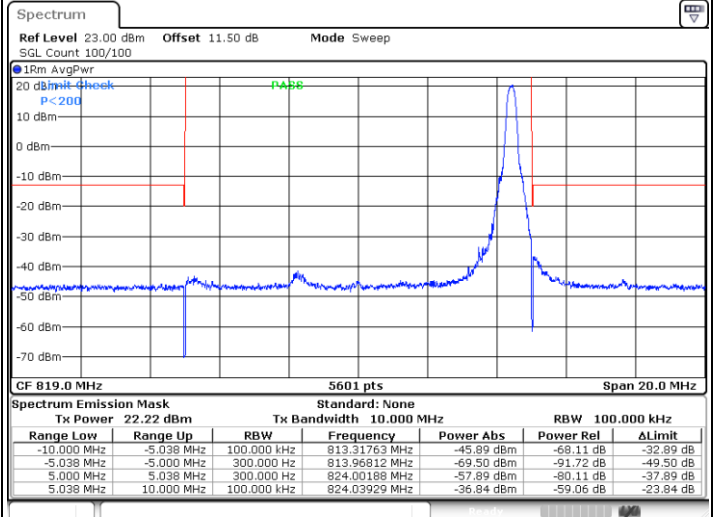


LTE Band 26 / 10MHz / QPSK

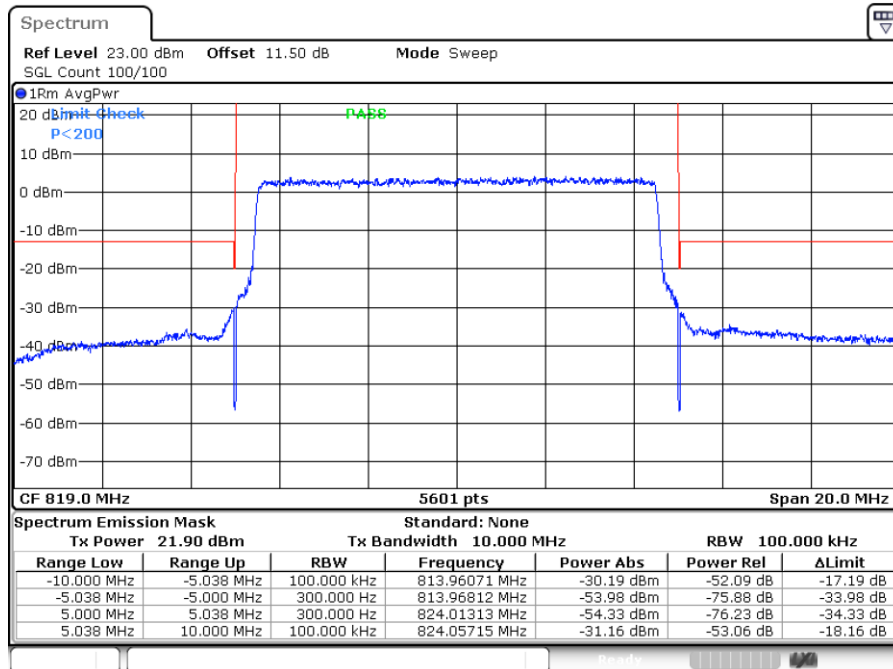
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



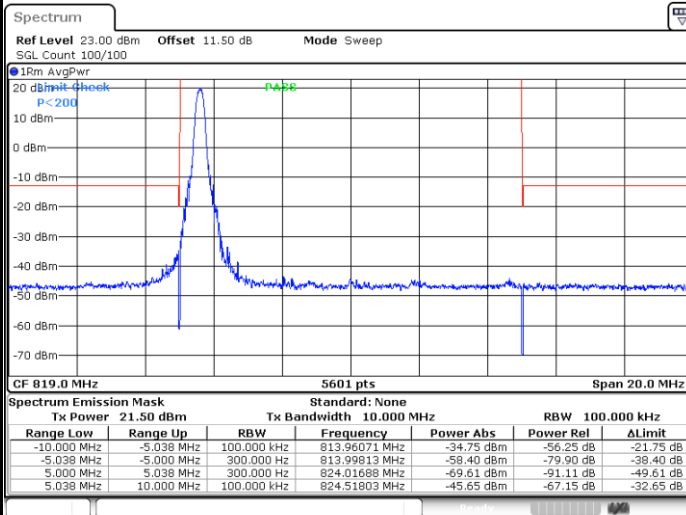
Band Edge / Full RB



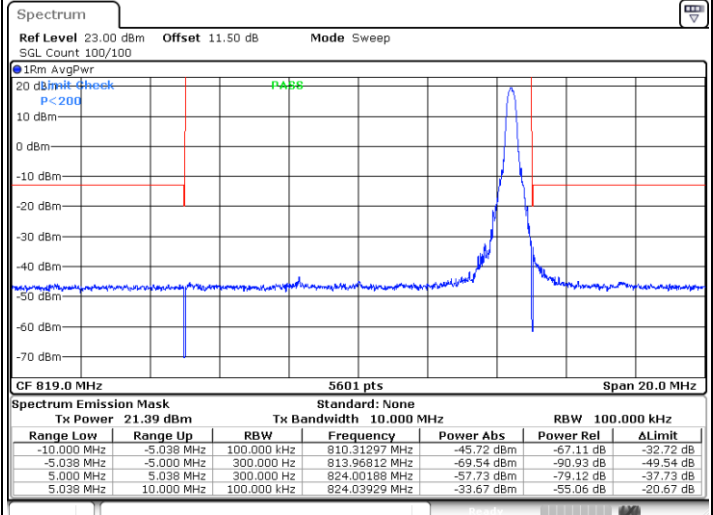


LTE Band 26 / 10MHz / 16QAM

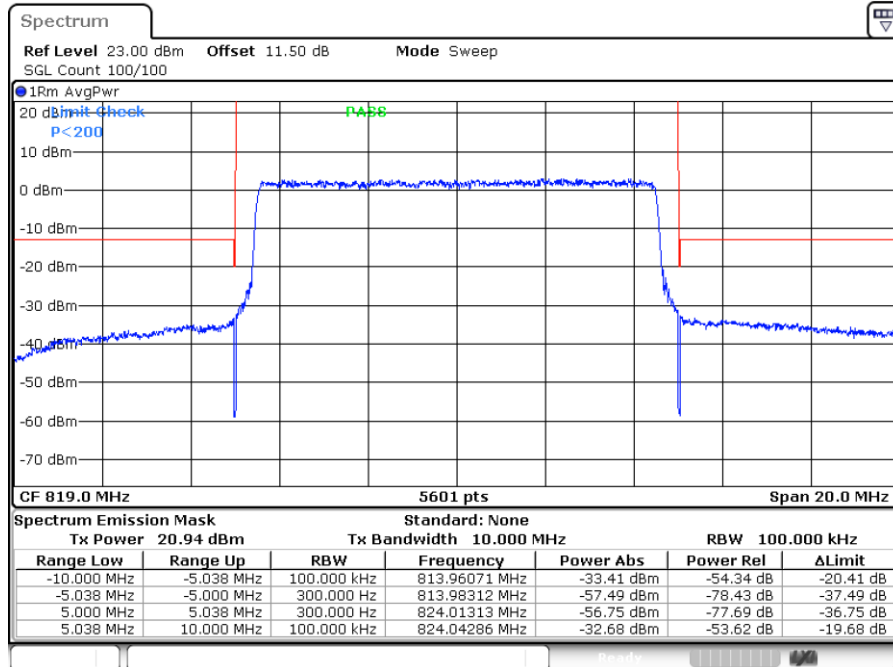
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



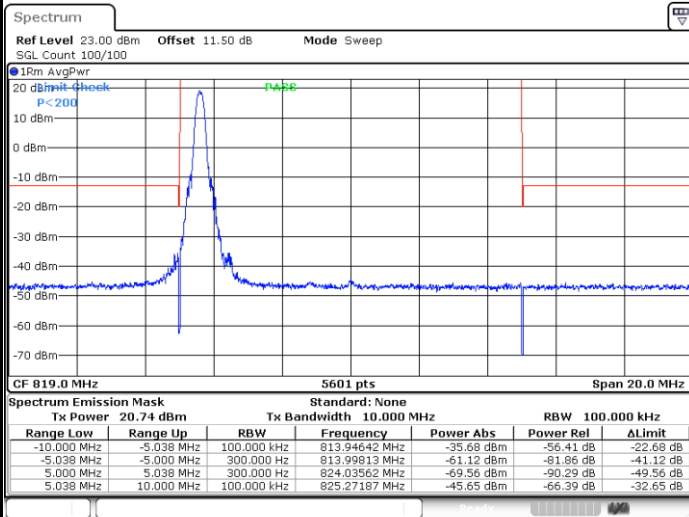
Band Edge / Full RB



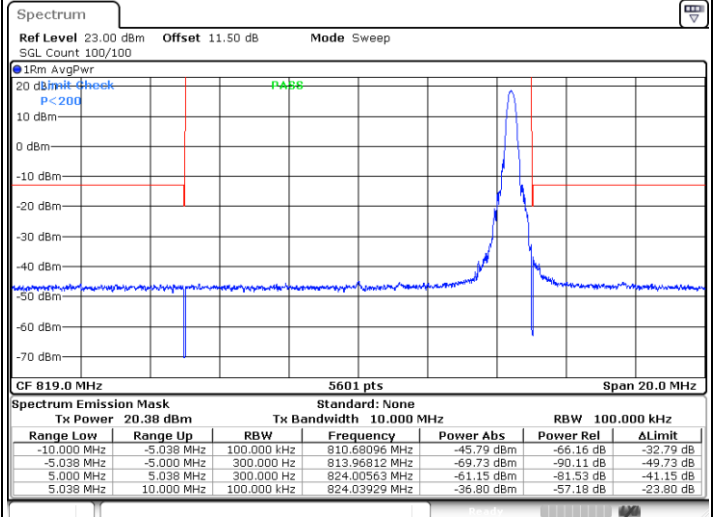


LTE Band 26 / 10MHz / 64QAM

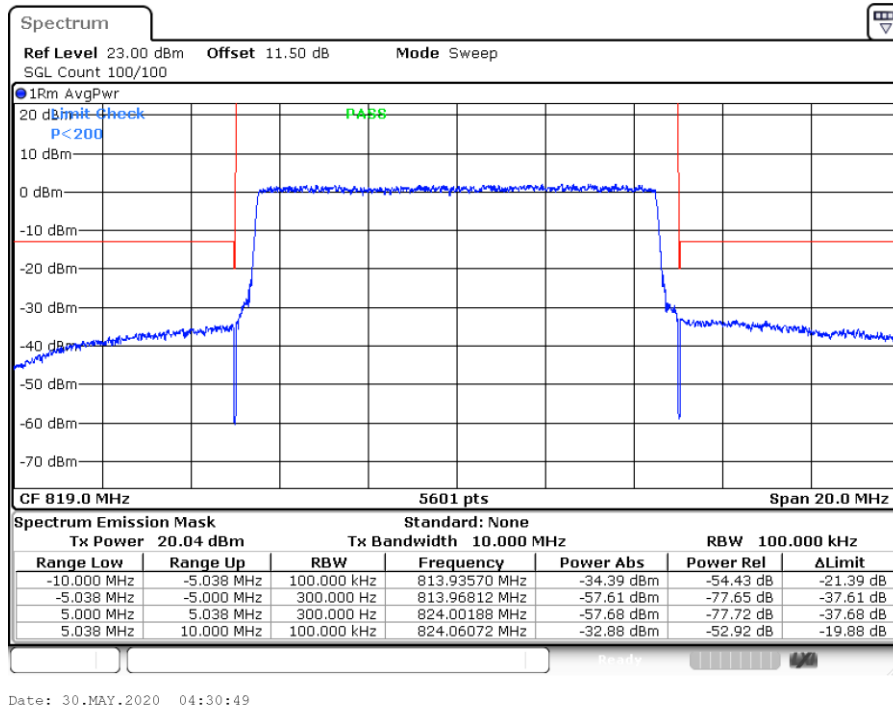
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



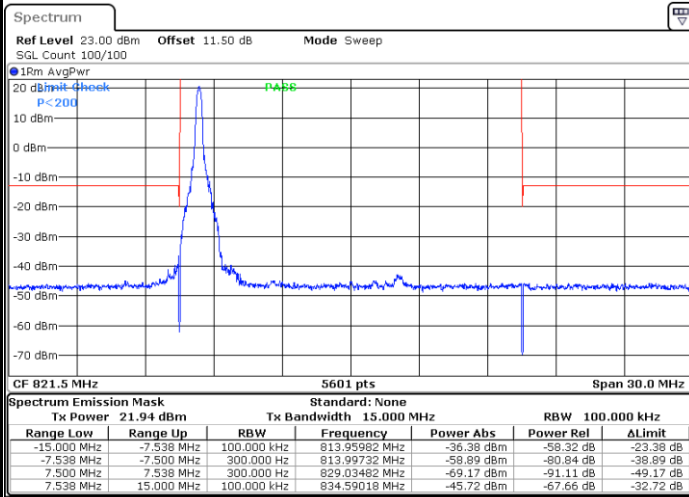
Band Edge / Full RB





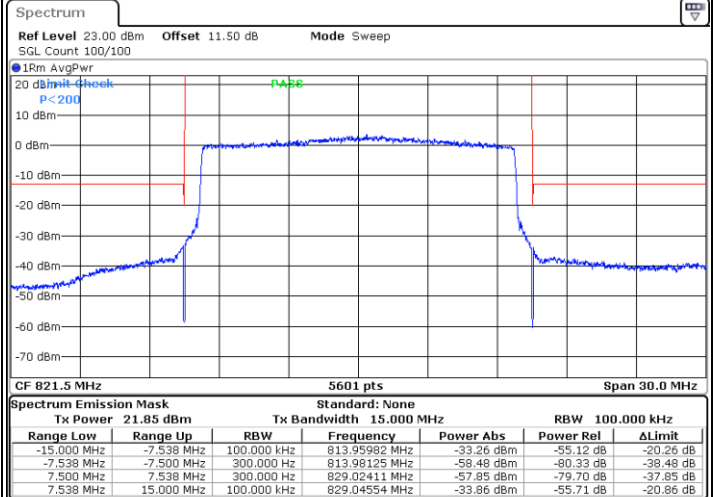
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 30.MAY.2020 04:19:59

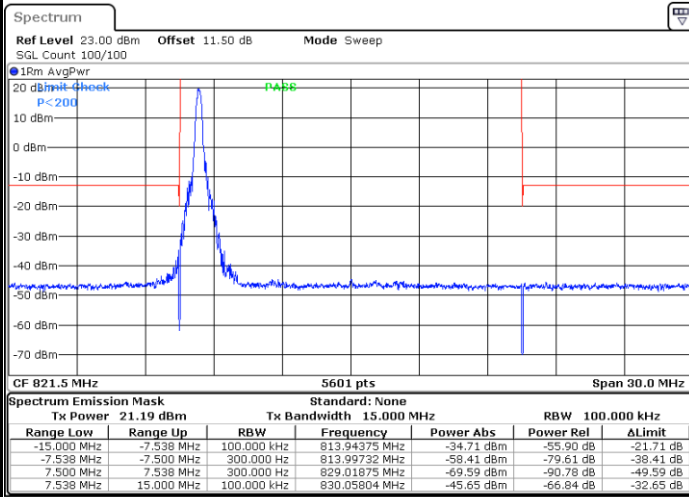
Lowest Band Edge / Full RB



Date: 30.MAY.2020 04:22:07

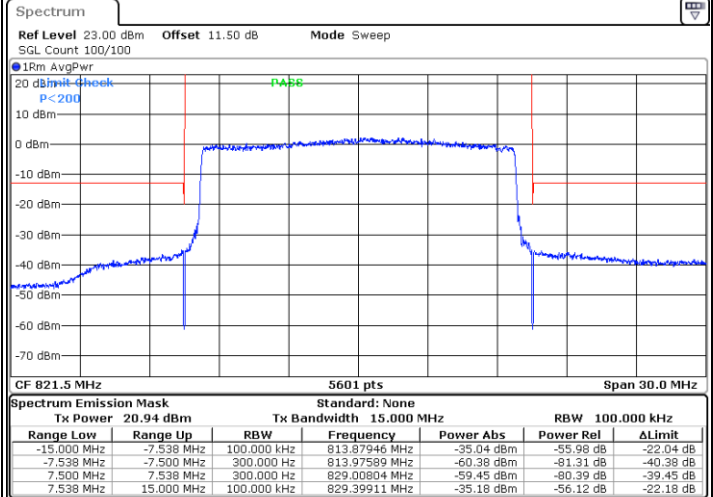
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 30.MAY.2020 04:20:31

Lowest Band Edge / Full RB

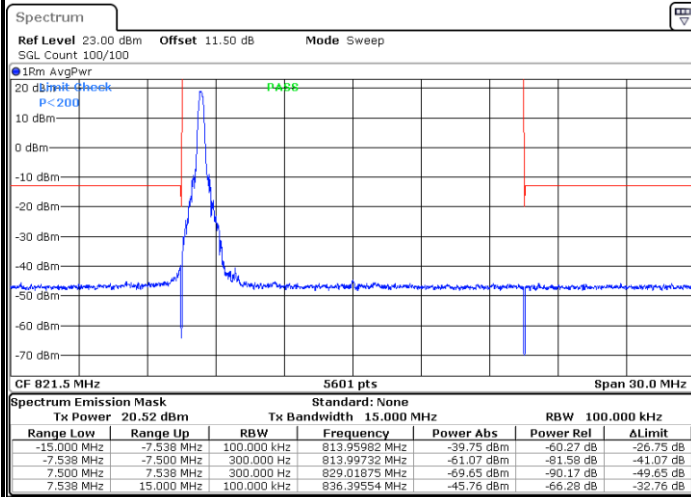


Date: 30.MAY.2020 04:22:39



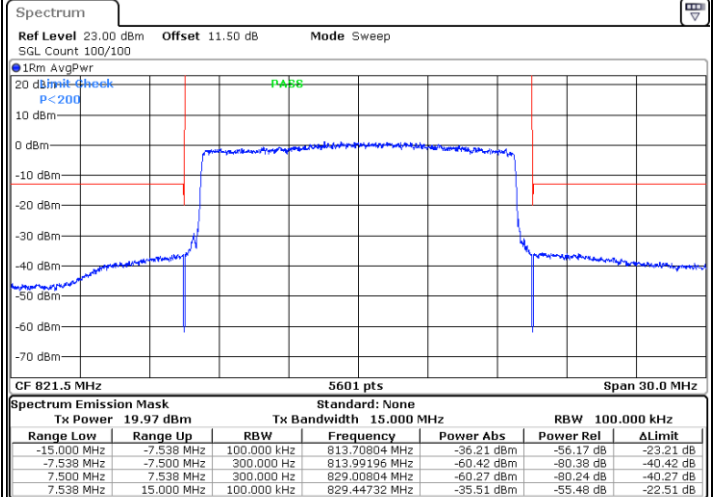
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

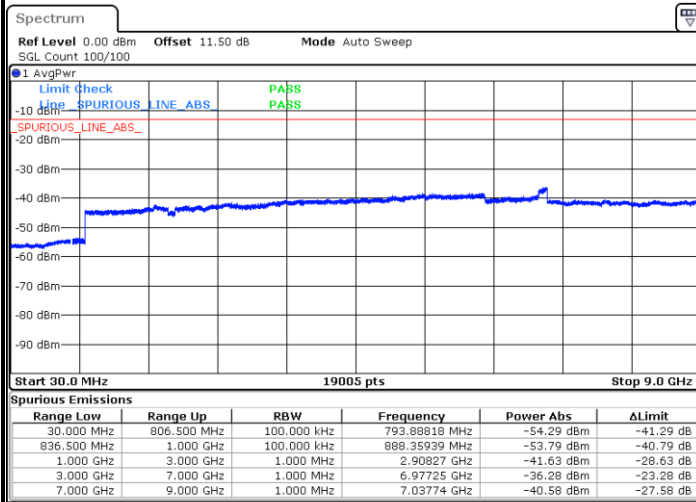
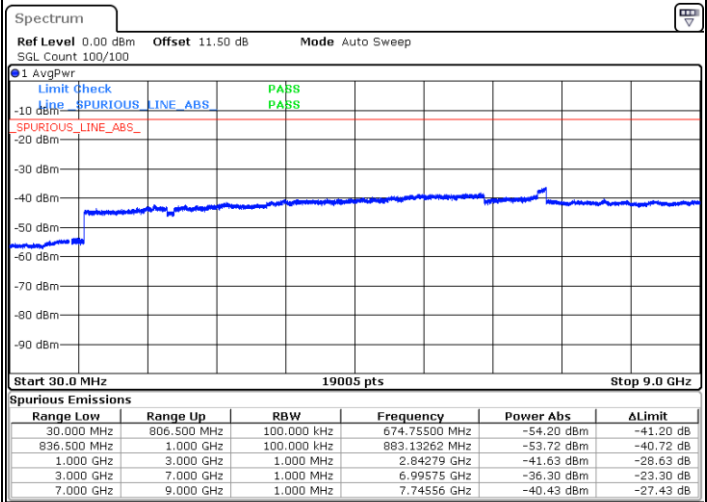
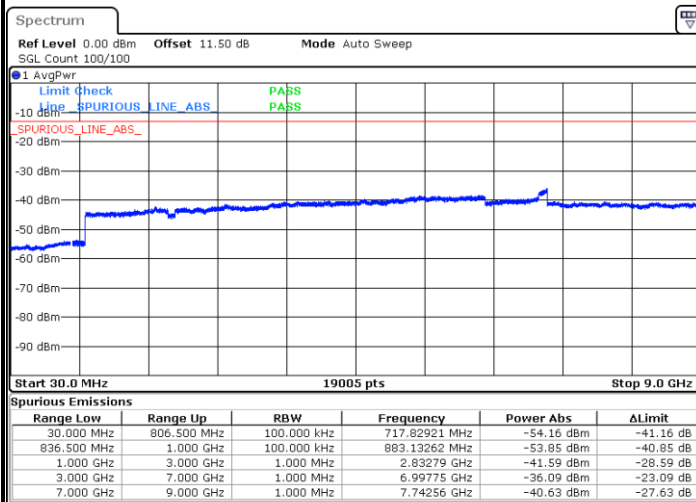
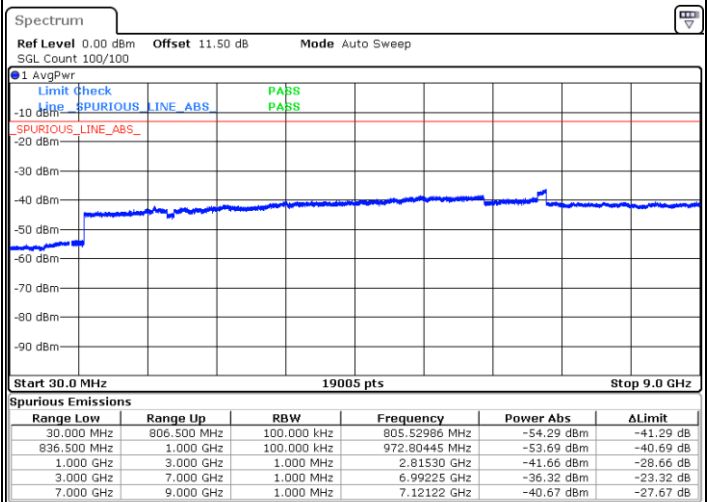


Date: 30.MAY.2020 04:31:21

Lowest Band Edge / Full RB



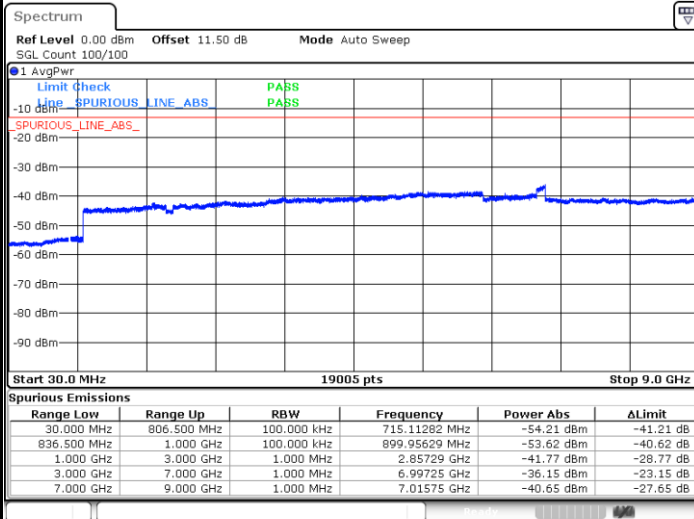
Date: 30.MAY.2020 04:32:24

**Emission masks – Out of band emissions****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK****Lowest Channel / 16QAM****Middle Channel / QPSK****Middle Channel / 16QAM**



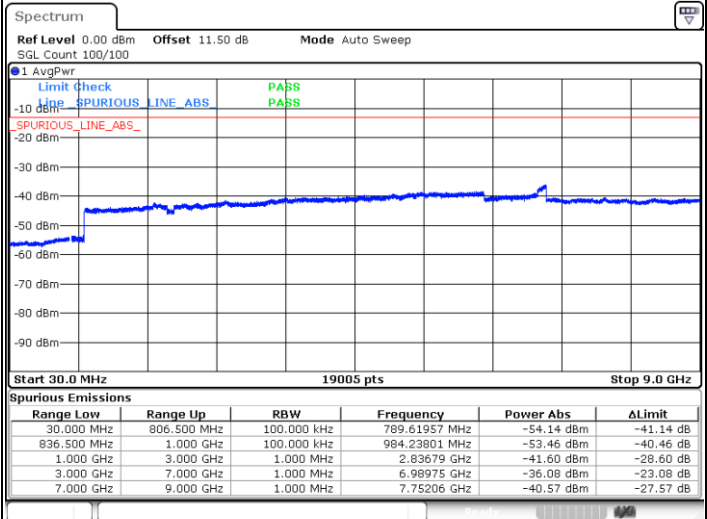
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 30.MAY.2020 05:19:21

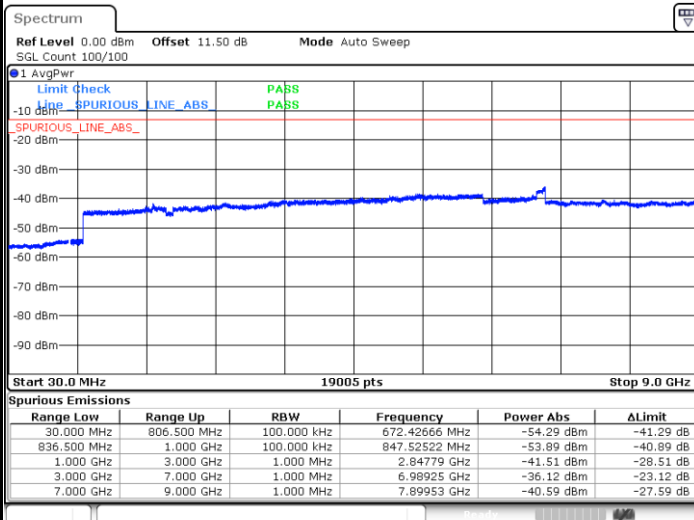
Highest Channel / 16QAM



Date: 30.MAY.2020 05:20:13

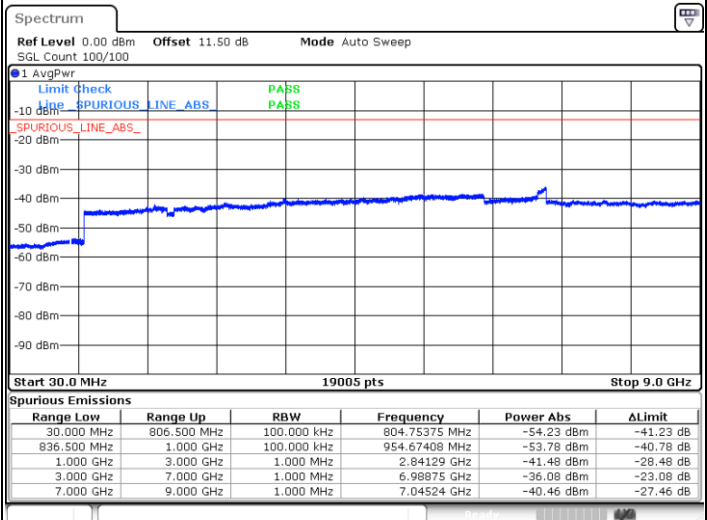
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 30.MAY.2020 04:50:00

Lowest Channel / 16QAM

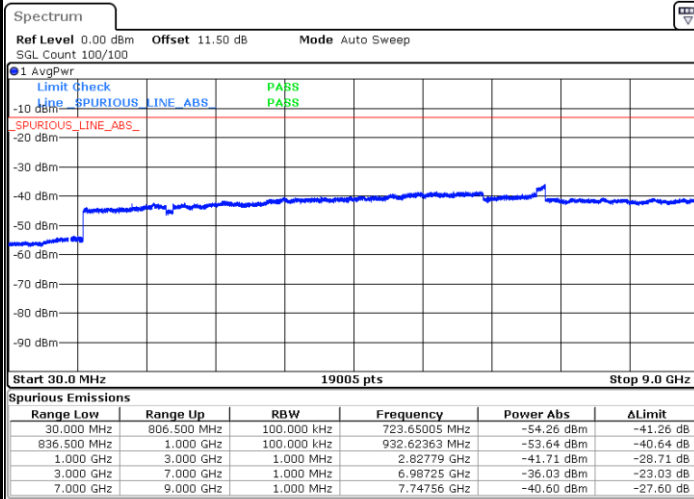


Date: 30.MAY.2020 04:50:51



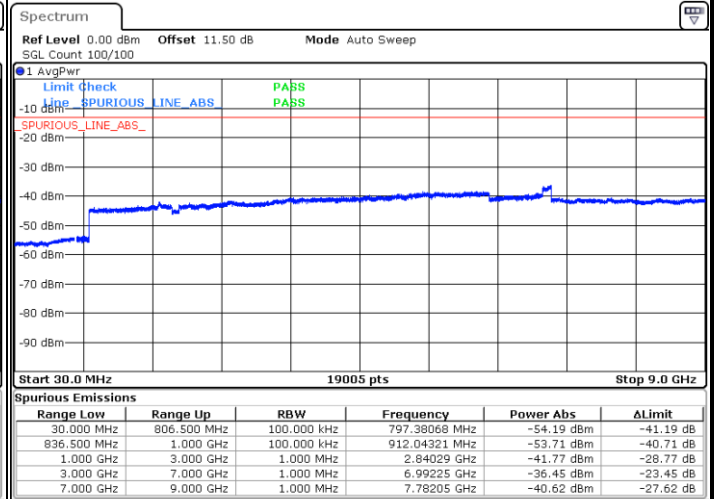
LTE Band 26 / 3MHz

Middle Channel / QPSK



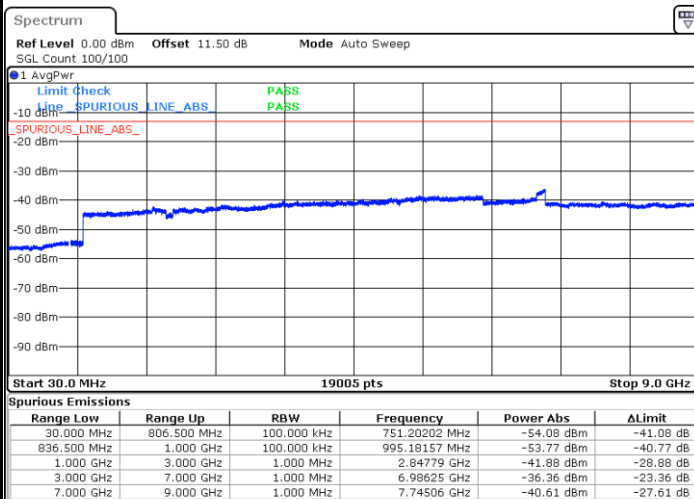
Date: 30.MAY.2020 04:52:36

Middle Channel / 16QAM



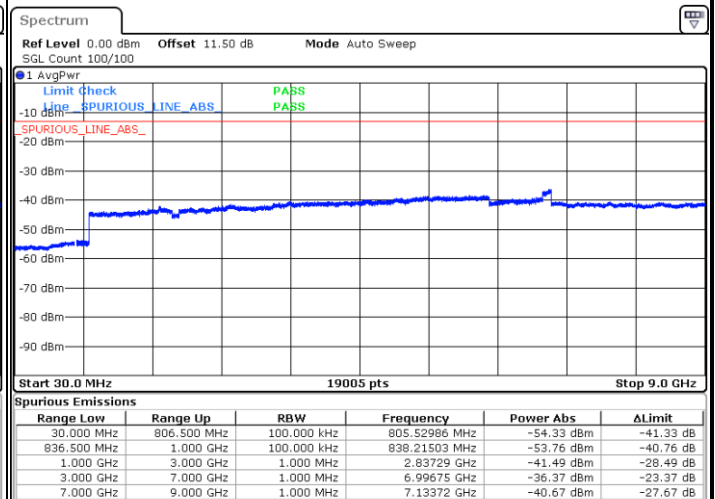
Date: 30.MAY.2020 04:53:27

Highest Channel / QPSK



Date: 30.MAY.2020 04:55:14

Highest Channel / 16QAM

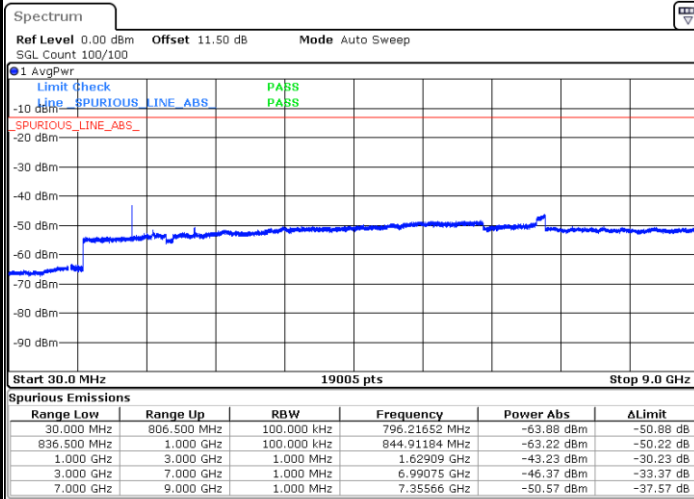


Date: 30.MAY.2020 04:56:05



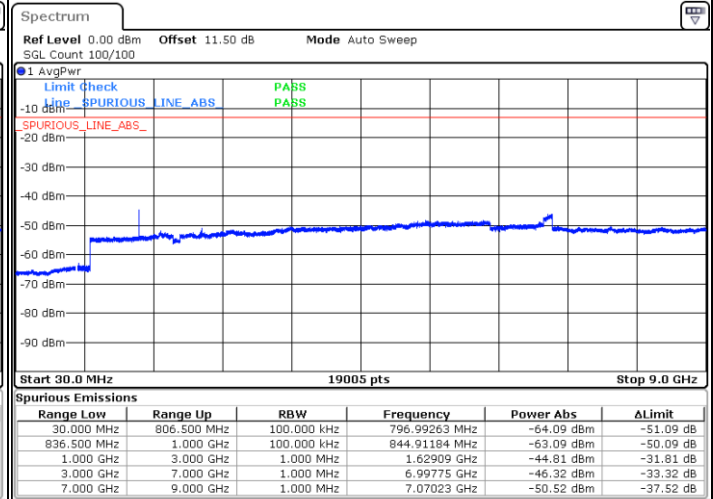
LTE Band 26 / 5MHz

Lowest Channel / QPSK



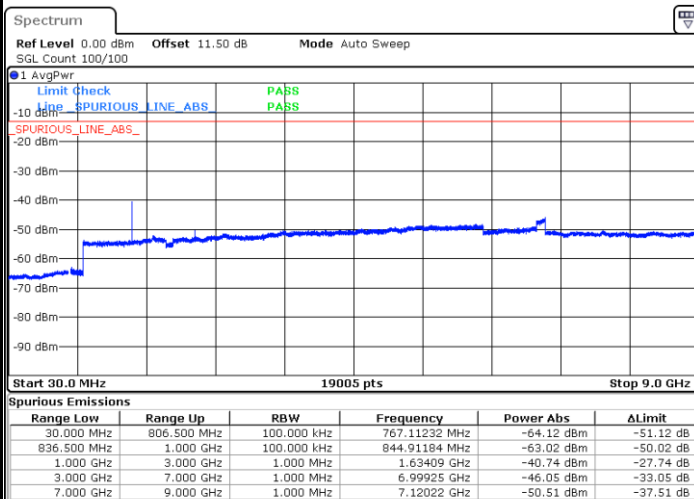
Date: 30.MAY.2020 04:57:49

Lowest Channel / 16QAM



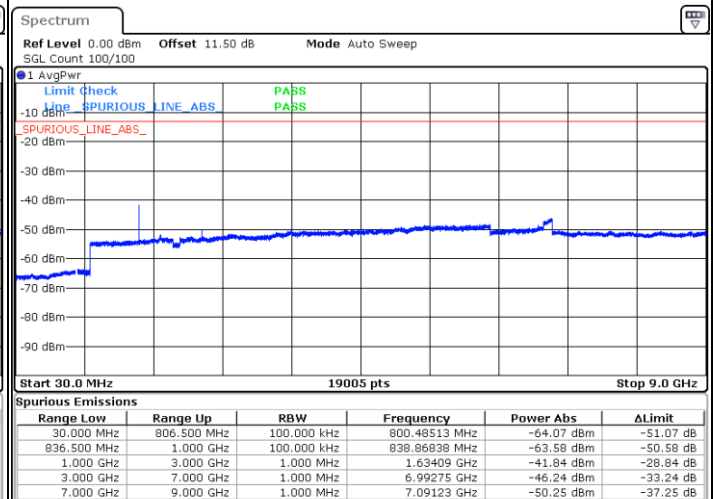
Date: 30.MAY.2020 04:58:40

Middle Channel / QPSK



Date: 30.MAY.2020 05:00:24

Middle Channel / 16QAM

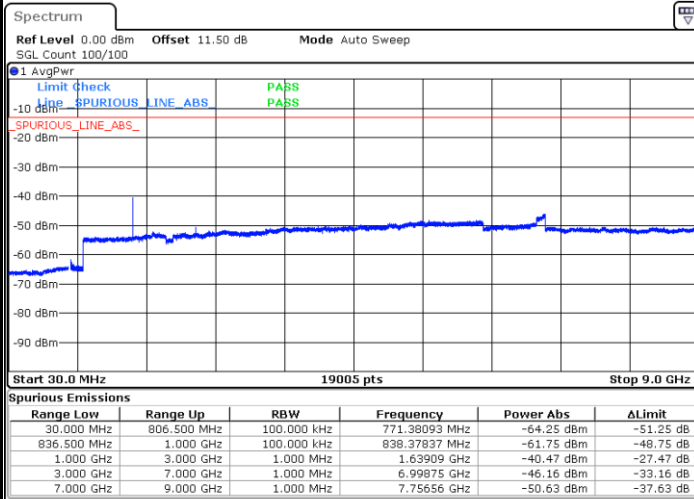


Date: 30.MAY.2020 05:01:16



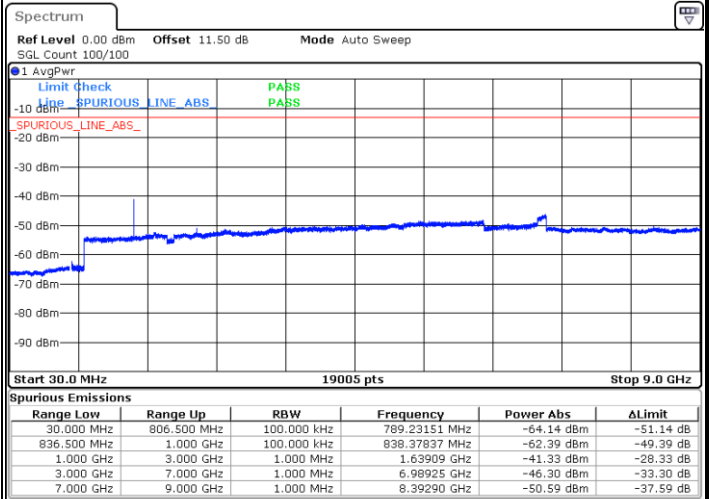
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 30.MAY.2020 05:03:01

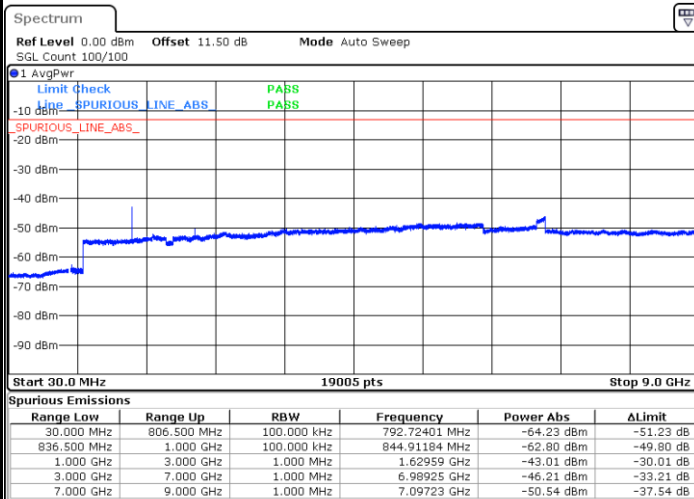
Highest Channel / 16QAM



Date: 30.MAY.2020 05:03:52

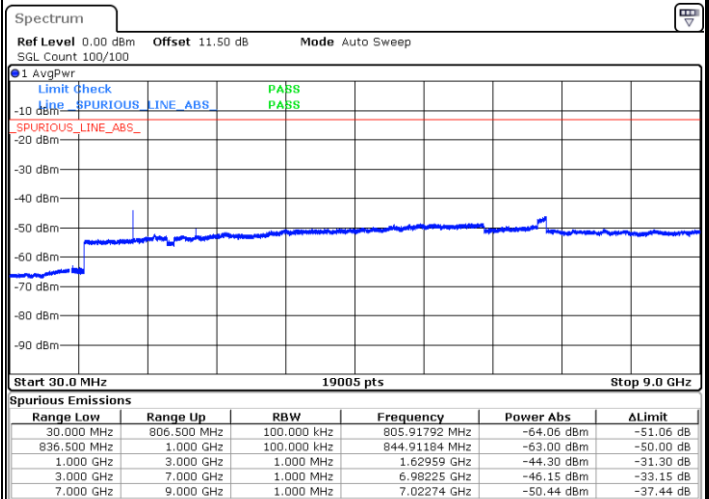
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 30.MAY.2020 05:05:37

Middle Channel / 16QAM



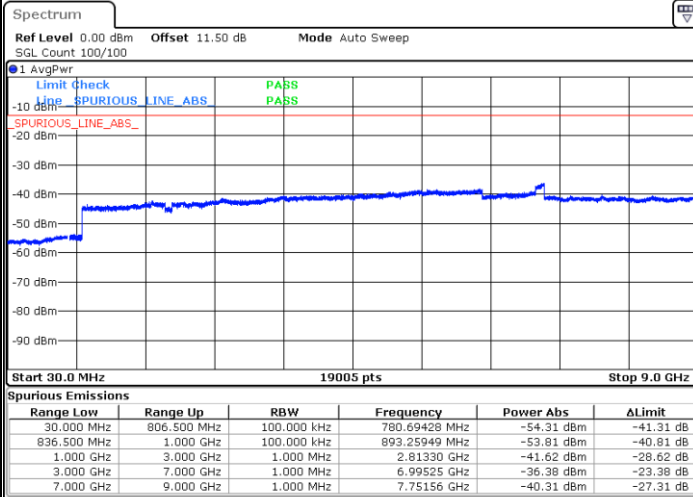
Date: 30.MAY.2020 05:06:29



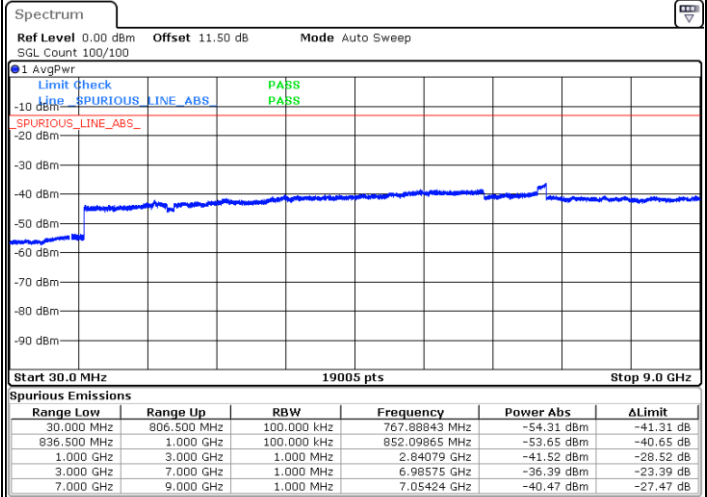
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 30.MAY.2020 05:08:12

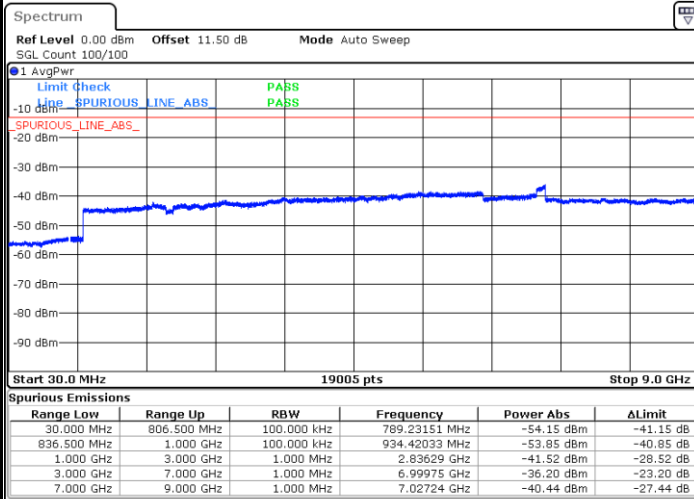


Date: 30.MAY.2020 05:09:03



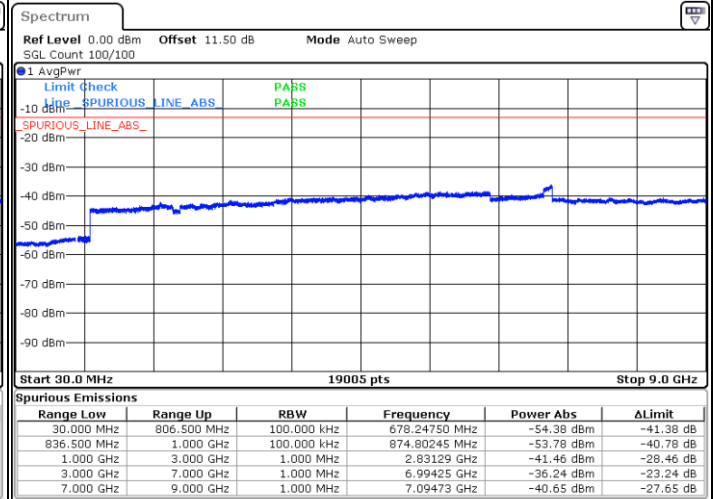
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



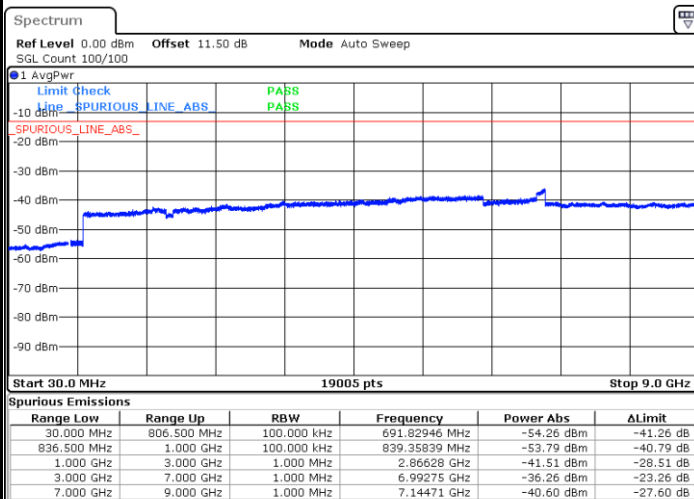
Date: 30.MAY.2020 04:45:43

Middle Channel / 64QAM



Date: 30.MAY.2020 04:47:00

Highest Channel / 64QAM

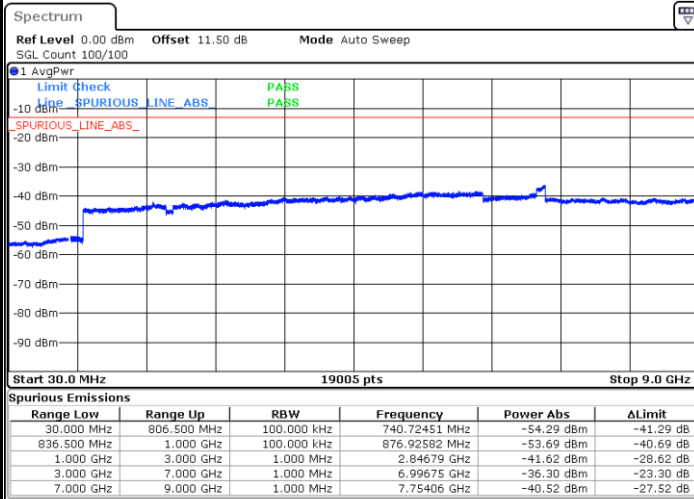


Date: 30.MAY.2020 04:48:17



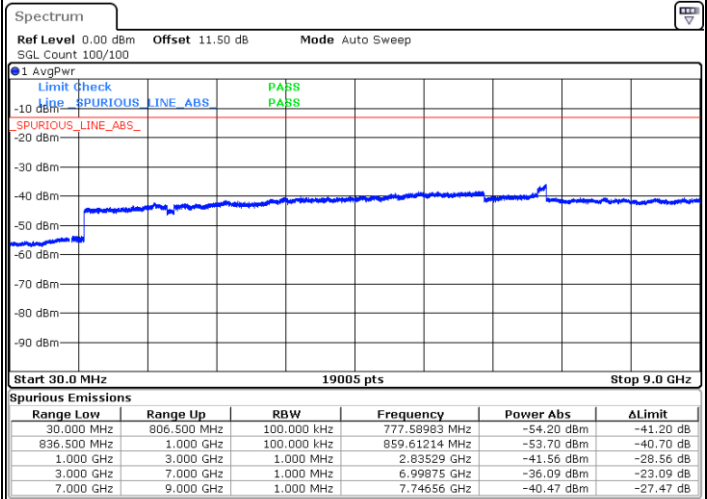
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



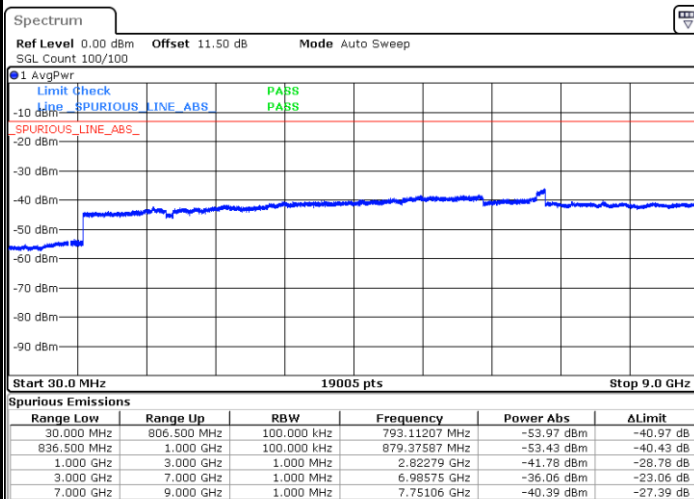
Date: 30.MAY.2020 04:33:42

Middle Channel / 64QAM



Date: 30.MAY.2020 04:34:59

Highest Channel / 64QAM

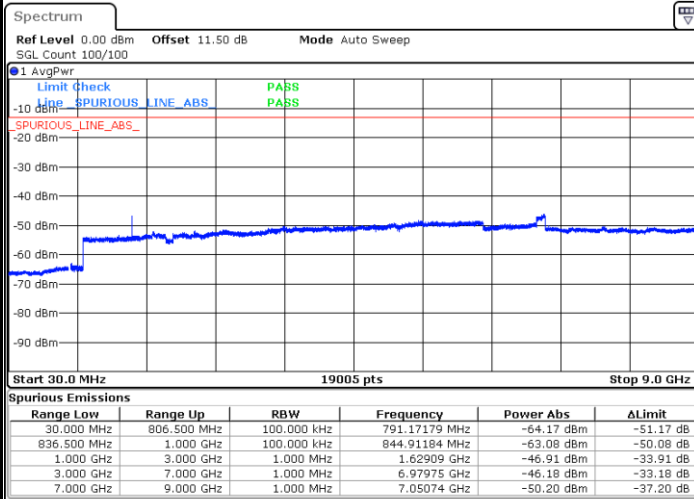


Date: 30.MAY.2020 04:36:16



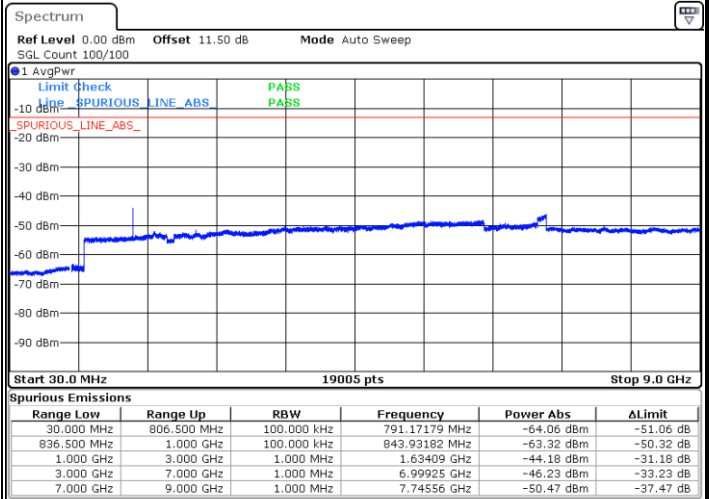
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



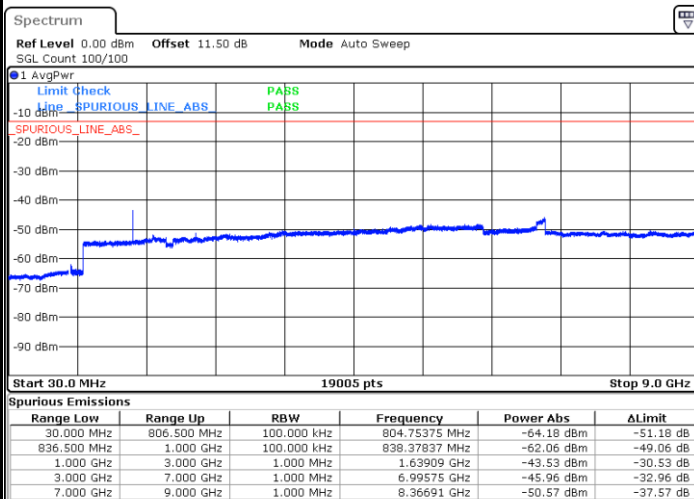
Date: 30.MAY.2020 04:37:33

Middle Channel / 64QAM

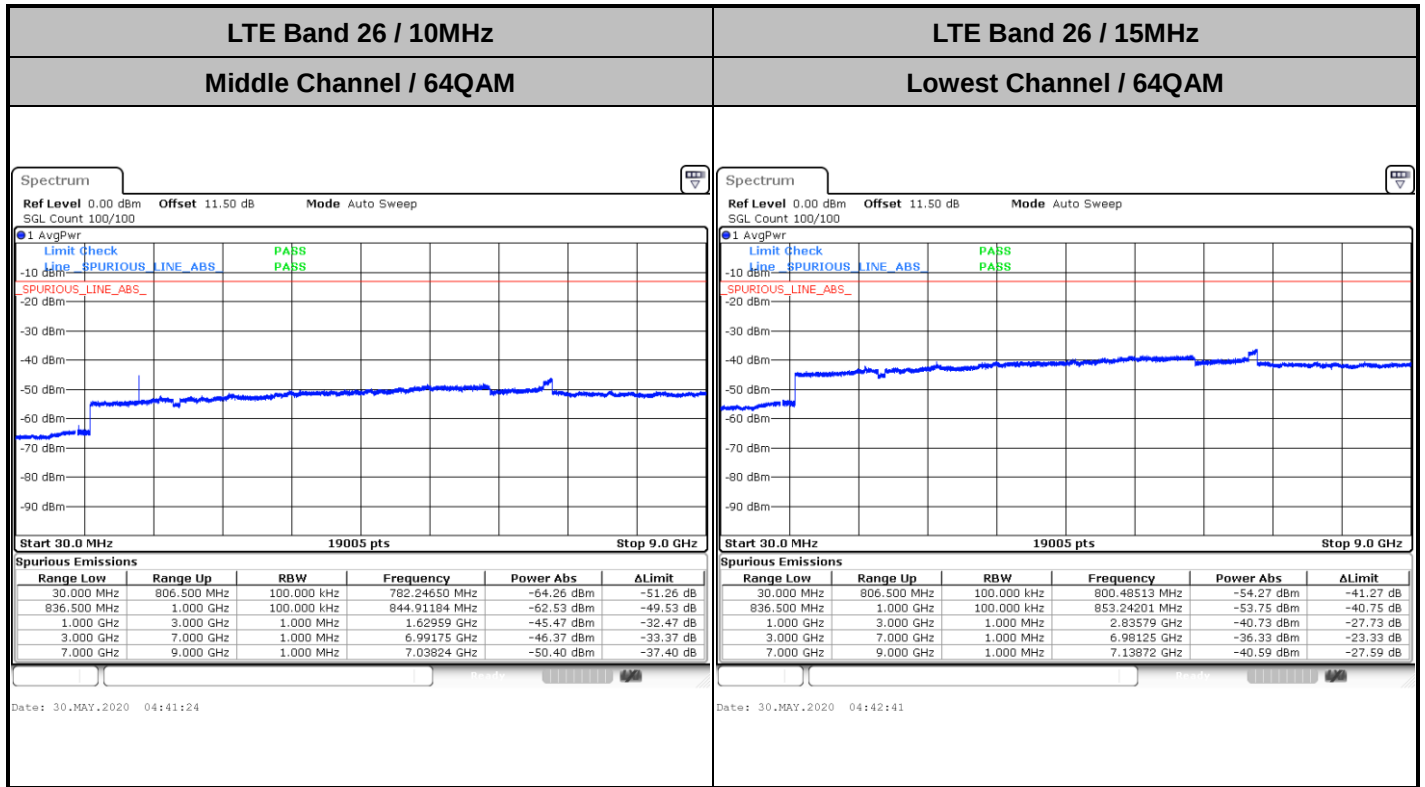


Date: 30.MAY.2020 04:38:50

Highest Channel / 64QAM



Date: 30.MAY.2020 04:40:07



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	0.0007	PASS
40	Normal Voltage	0.0081	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0050	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0078	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0121	

Note:

1. Normal Voltage =3.80 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.80 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	0.0084	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0084	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0069	
-20	Normal Voltage	0.0086	
-30	Normal Voltage	0.0112	
20	Maximum Voltage	0.0108	
20	Normal Voltage	0.0084	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.80 V. ; Battery End Point (BEP) =3.40 V. ; Maximum Voltage =4.80 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) (GT - LC = 2.1 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.41	0.2193	23.36	0.2168
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	0	22.63	0.1832	22.58	0.1811
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	0	21.62	0.1452	21.57	0.1435
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	

**Radiated Spurious Emission****LTE Band 26**

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	1632	-52.86	-13	-39.86	-66.29	-58.40	0.91	8.60	H
	2440	-56.02	-13	-43.02	-74.3	-63.35	1.14	10.62	H
	3256	-54.67	-13	-41.67	-74.91	-63.12	1.32	11.91	H
									H
	1632	-56.95	-13	-43.95	-69.91	-62.49	0.91	8.60	V
	2440	-56.32	-13	-43.32	-74.67	-63.65	1.14	10.62	V
	3256	-54.24	-13	-41.24	-74.97	-62.69	1.32	11.91	V
									V
Middle	1632	-55.58	-13	-42.58	-69.01	-61.12	0.91	8.60	H
	2448	-56.50	-13	-43.50	-74.79	-63.84	1.14	10.63	H
	3264	-54.85	-13	-41.85	-75.08	-63.32	1.32	11.93	H
									H
	1632	-53.53	-13	-40.53	-66.49	-59.07	0.91	8.60	V
	2448	-56.09	-13	-43.09	-74.47	-63.43	1.14	10.63	V
	3264	-54.25	-13	-41.25	-74.96	-62.72	1.32	11.93	V
									V
Highest	1638	-57.80	-13	-44.80	-71.25	-63.36	0.92	8.62	H
	2458	-56.16	-13	-43.16	-74.47	-63.51	1.14	10.64	H
	3277	-54.34	-13	-41.34	-74.54	-62.83	1.32	11.96	H
									H
	1638	-59.07	-13	-46.07	-72.03	-64.63	0.92	8.62	V
	2458	-56.48	-13	-43.48	-74.9	-63.83	1.14	10.64	V
	3277	-53.85	-13	-40.85	-74.53	-62.34	1.32	11.96	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	1632	-54.01	-13	-41.01	-67.44	-59.55	0.91	8.60	H
	2440	-56.30	-13	-43.30	-74.58	-63.63	1.14	10.62	H
	3256	-54.60	-13	-41.60	-74.84	-63.05	1.32	11.91	H
									H
	1632	-51.41	-13	-38.41	-64.37	-56.95	0.91	8.60	V
	2440	-56.13	-13	-43.13	-74.48	-63.46	1.14	10.62	V
	3256	-53.90	-13	-40.90	-74.63	-62.35	1.32	11.91	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	-54.25	-13	-41.25	-67.68	-59.79	0.91	8.60	H
	2448	-56.32	-13	-43.32	-74.61	-63.66	1.14	10.63	H
	3256	-54.81	-13	-41.81	-75.05	-63.26	1.32	11.91	H
									H
	1632	-52.60	-13	-39.60	-65.56	-58.14	0.91	8.60	V
	2448	-56.42	-13	-43.42	-74.8	-63.76	1.14	10.63	V
	3256	-54.01	-13	-41.01	-74.74	-62.46	1.32	11.91	V
									V

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