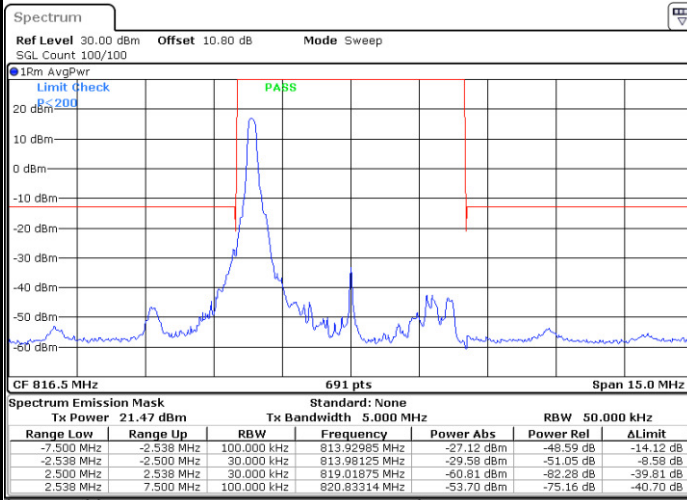




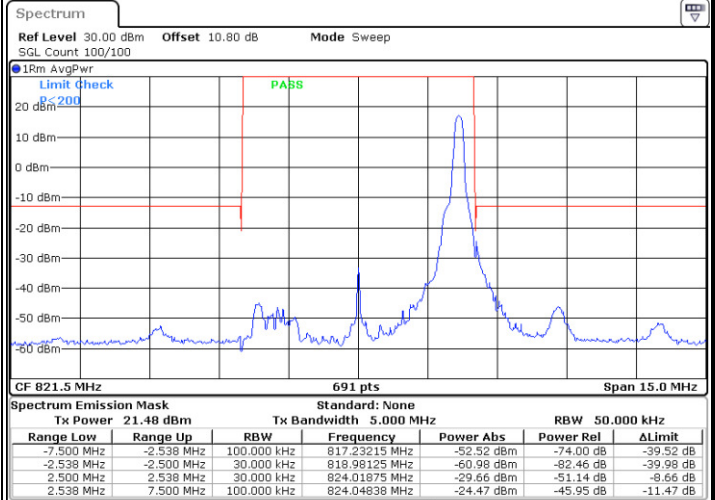
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



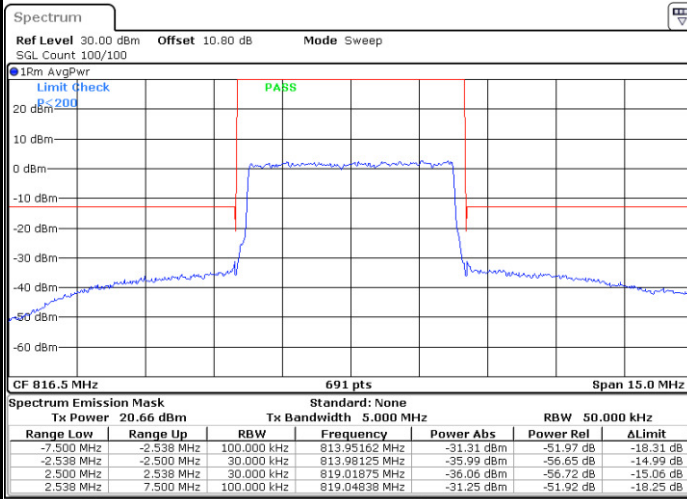
Date: 16.FEB.2018 18:07:01

Highest Band Edge / 1 RB



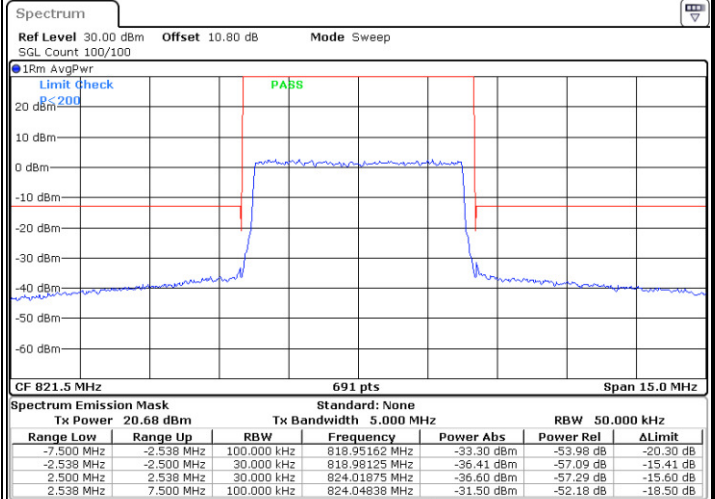
Date: 16.FEB.2018 18:11:32

Lowest Band Edge / Full RB



Date: 16.FEB.2018 18:09:17

Highest Band Edge / Full RB

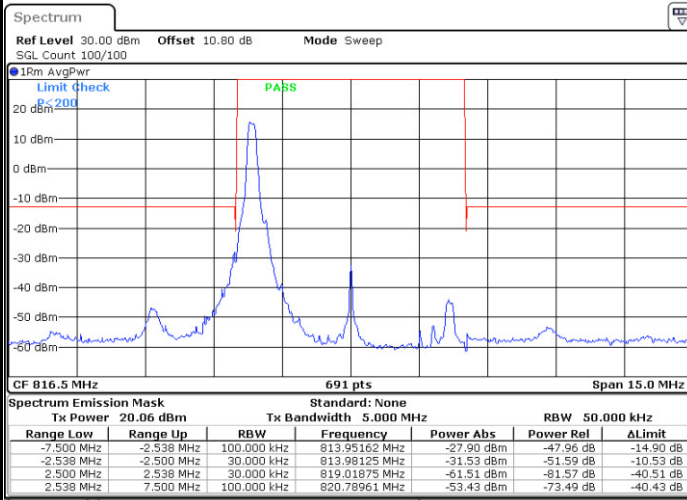


Date: 16.FEB.2018 18:13:47



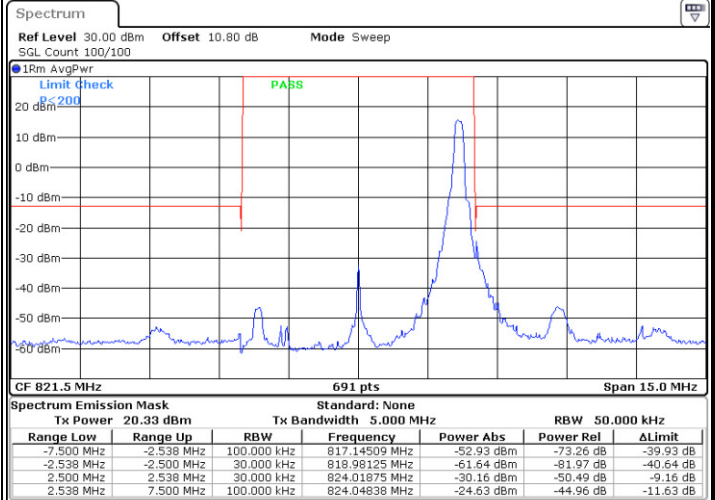
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



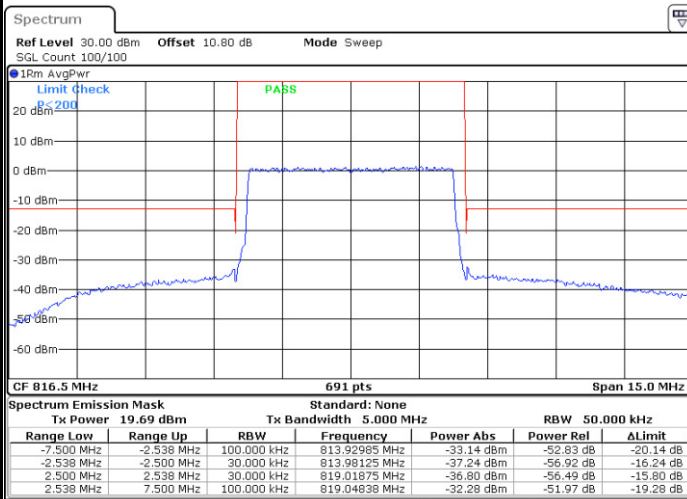
Date: 16.FEB.2018 18:37:30

Highest Band Edge / 1 RB



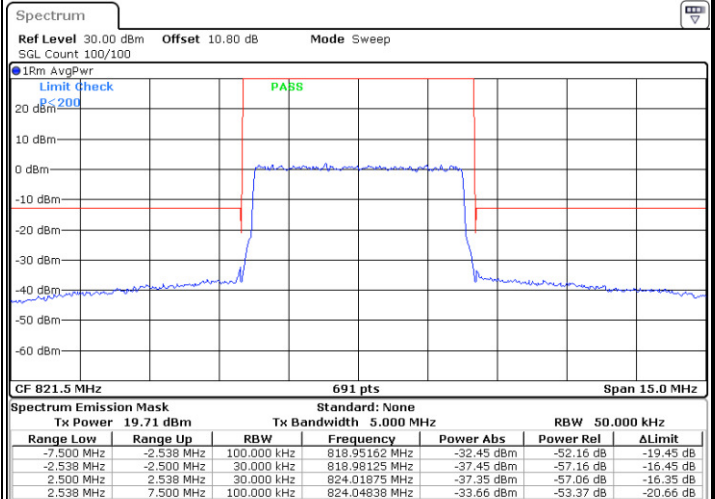
Date: 16.FEB.2018 18:39:45

Lowest Band Edge / Full RB



Date: 16.FEB.2018 18:38:38

Highest Band Edge / Full RB



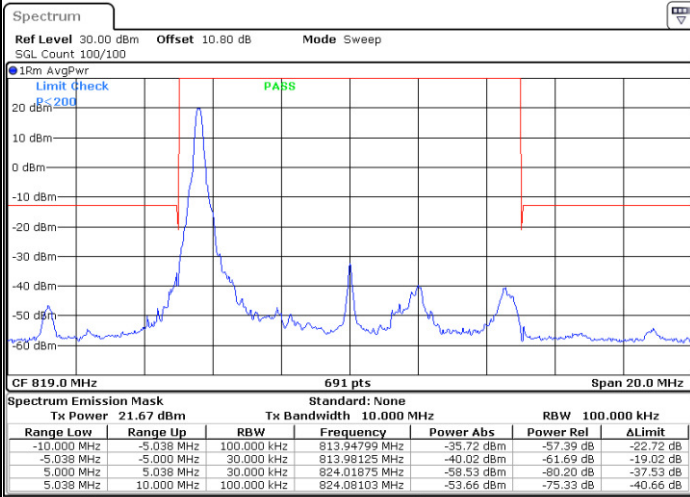
Date: 16.FEB.2018 18:40:53



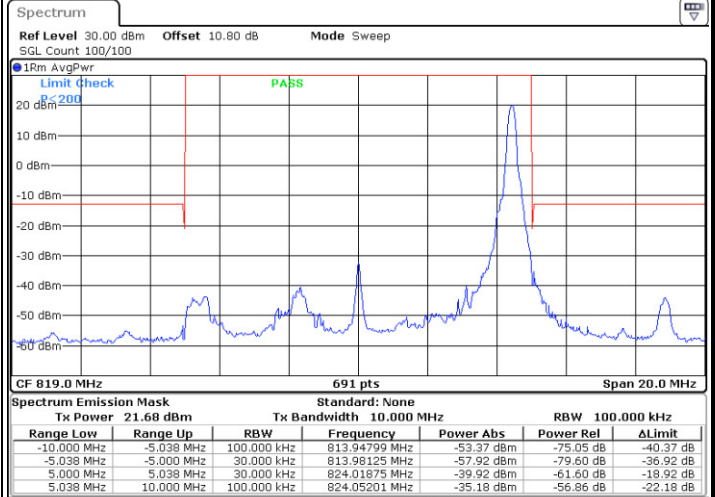
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

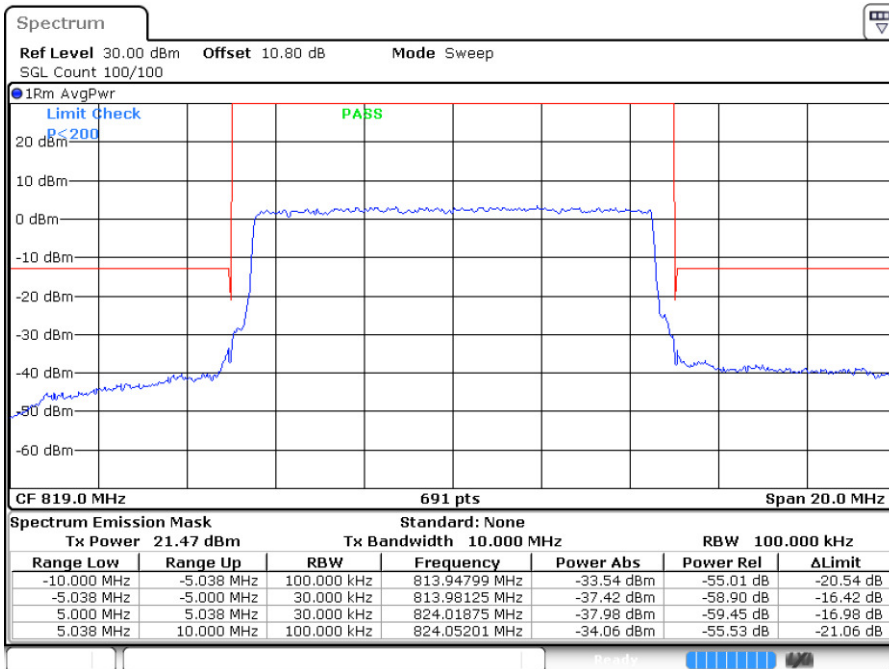


Date: 16.FEB.2018 18:14:55



Date: 16.FEB.2018 18:17:10

Band Edge / Full RB



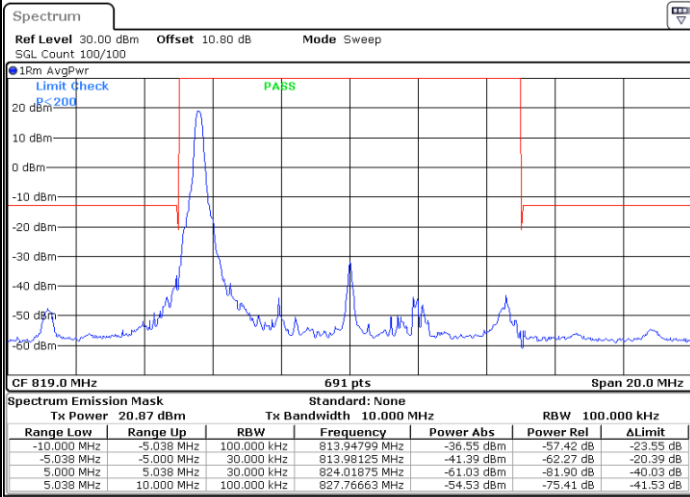
Date: 16.FEB.2018 18:19:26



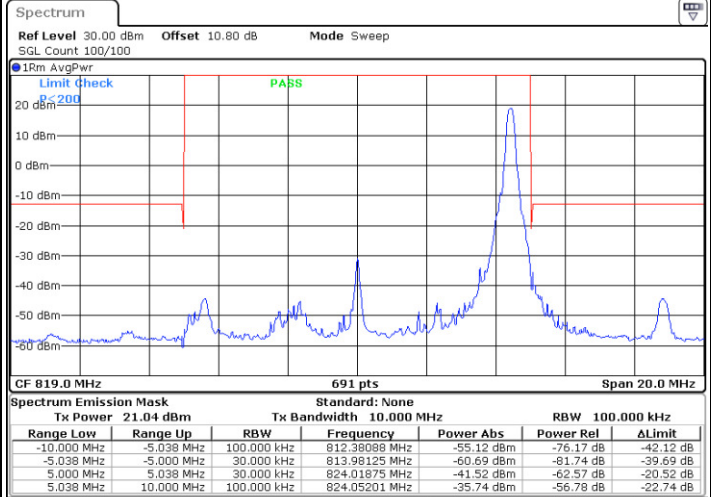
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

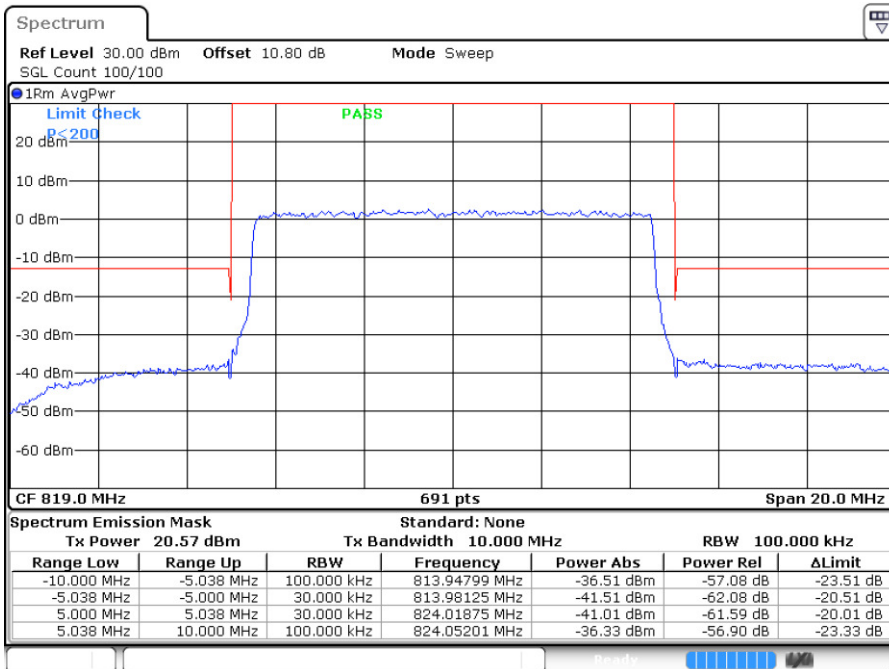


Date: 16.FEB.2018 18:16:03



Date: 16.FEB.2018 18:18:18

Band Edge / Full RB

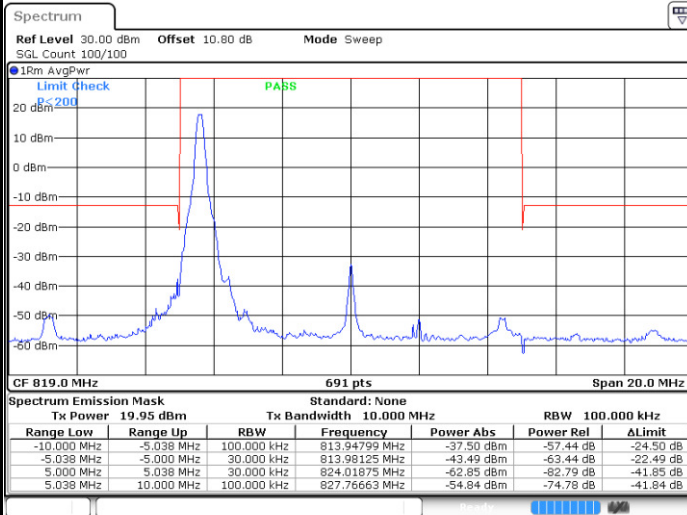


Date: 16.FEB.2018 18:20:33



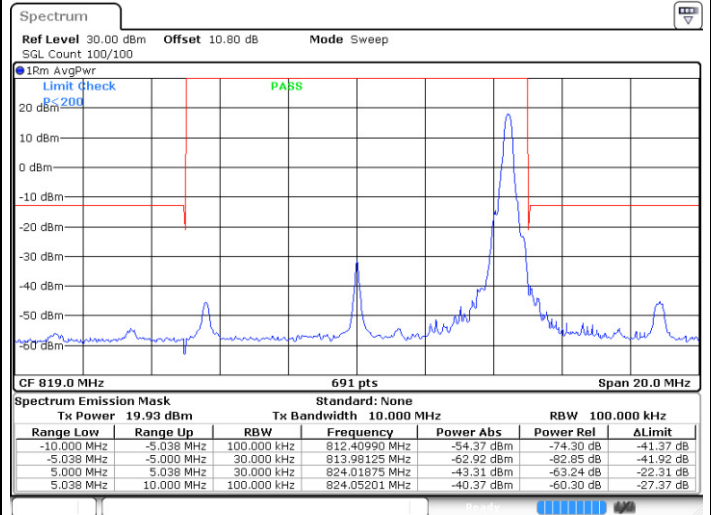
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



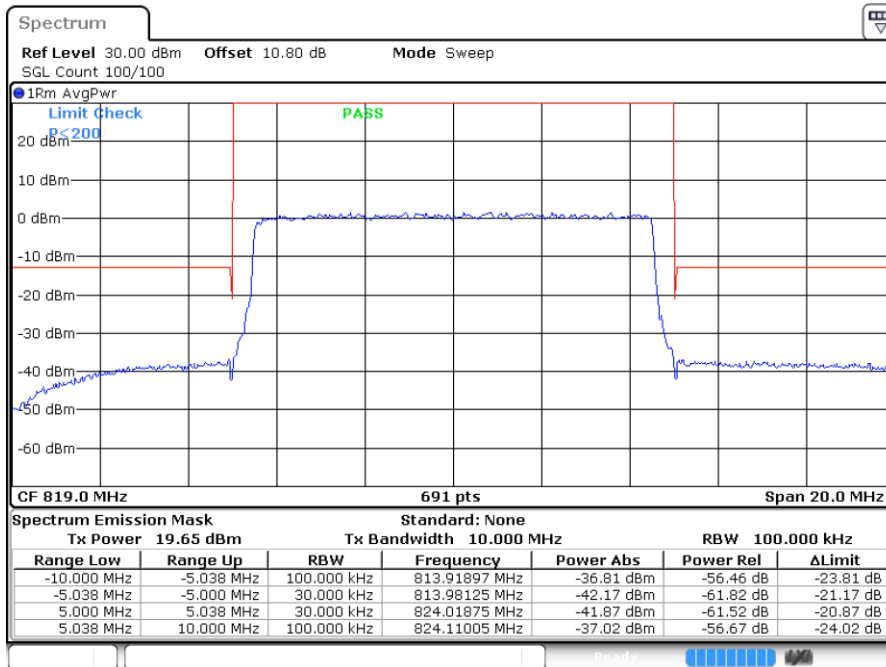
Date: 16.FEB.2018 18:42:01

Highest Band Edge / 1 RB



Date: 16.FEB.2018 18:43:09

Band Edge / Full RB

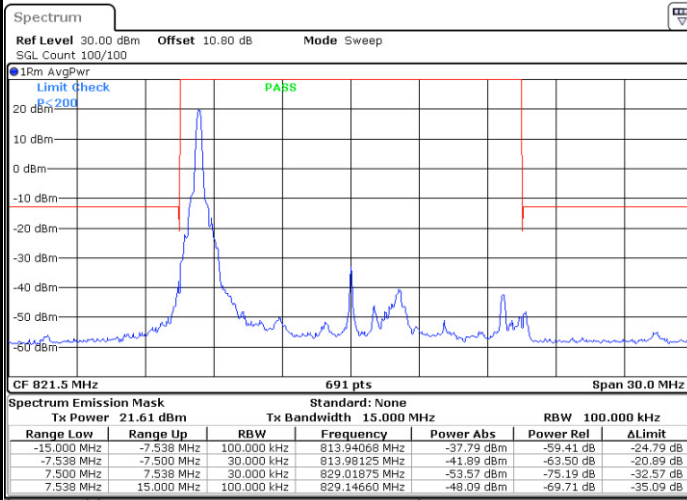


Date: 16.FEB.2018 18:44:16



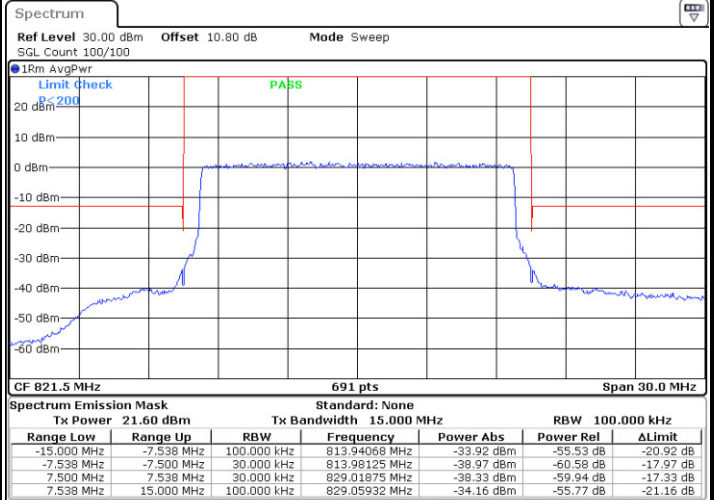
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 16.FEB.2018 18:21:41

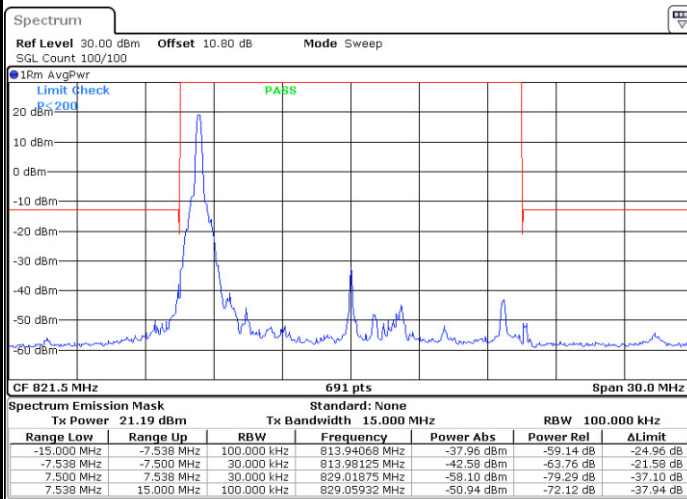
Lowest Band Edge / Full RB



Date: 16.FEB.2018 18:26:12

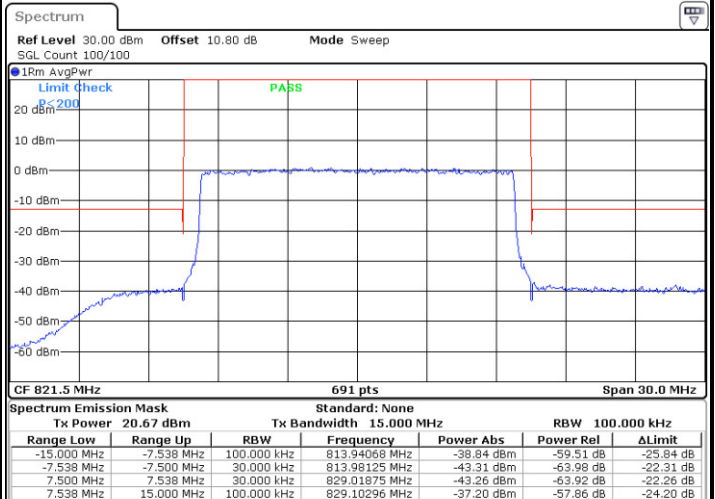
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 16.FEB.2018 18:22:49

Lowest Band Edge / Full RB

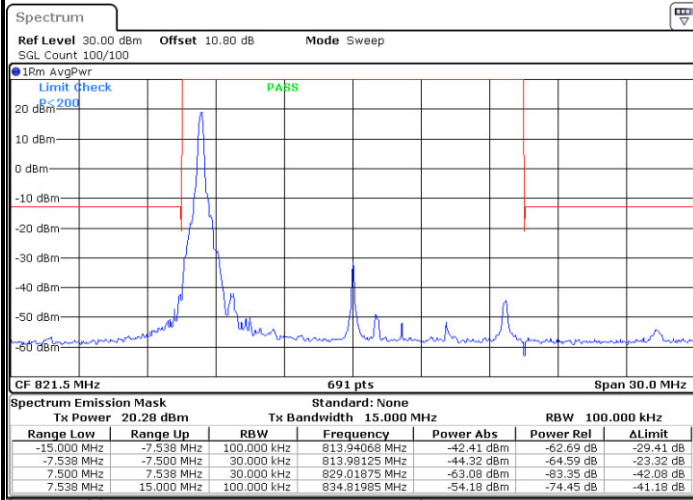


Date: 16.FEB.2018 18:27:20



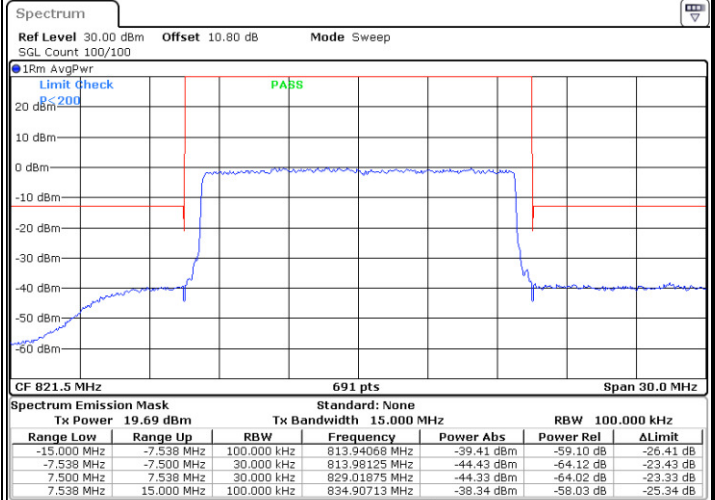
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 16.FEB.2018 18:45:24

Lowest Band Edge / Full RB



Date: 16.FEB.2018 18:47:39

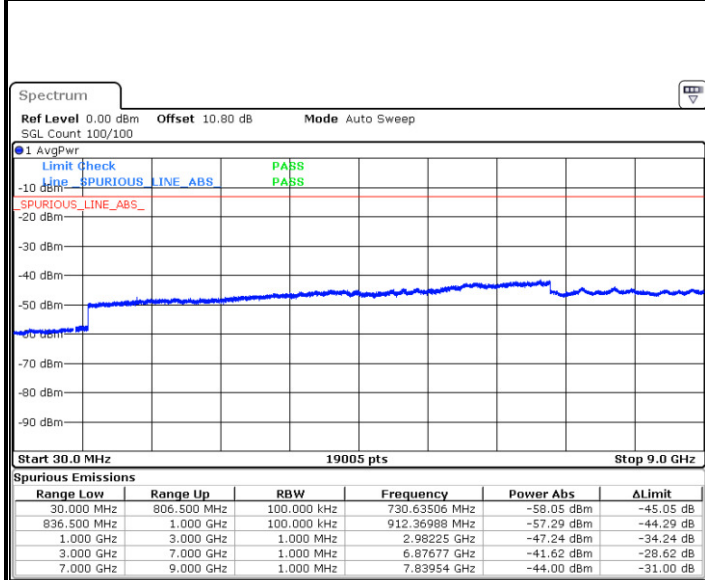


Conducted Spurious Emission



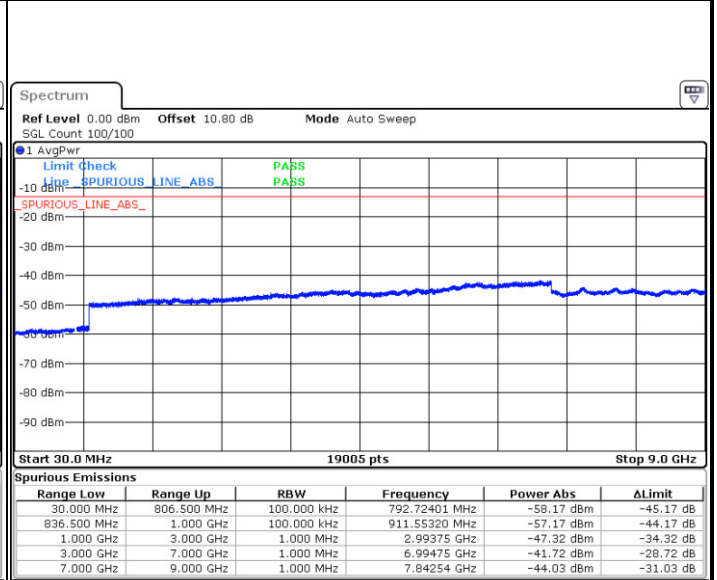
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



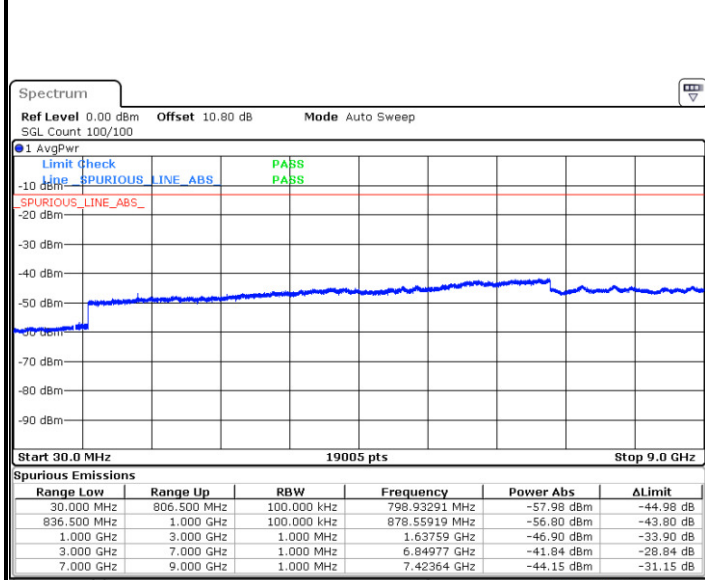
Date: 16.FEB.2018 19:28:26

Lowest Channel / 16QAM



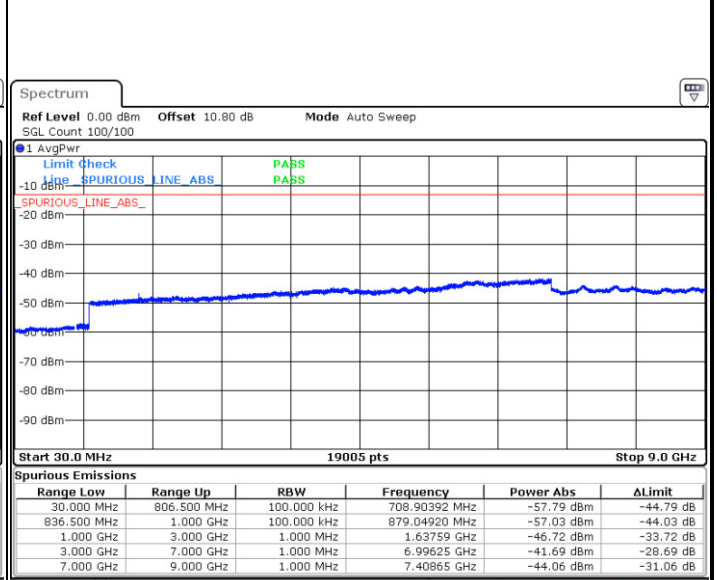
Date: 16.FEB.2018 19:29:21

Middle Channel / QPSK



Date: 16.FEB.2018 19:30:55

Middle Channel / 16QAM

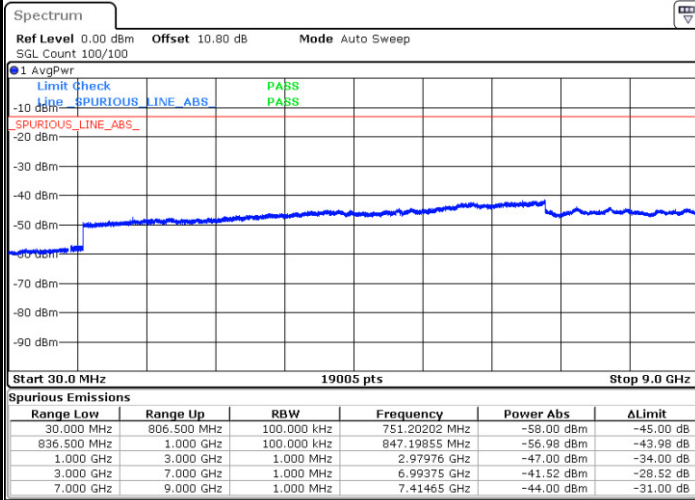


Date: 16.FEB.2018 19:31:50



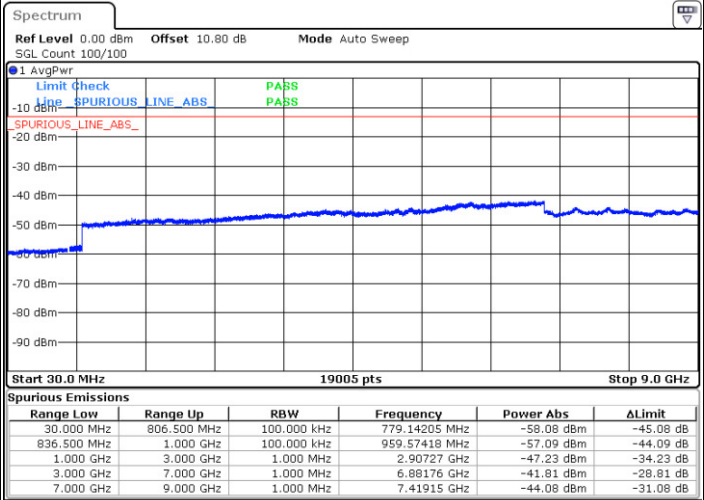
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 16.FEB.2018 19:33:25

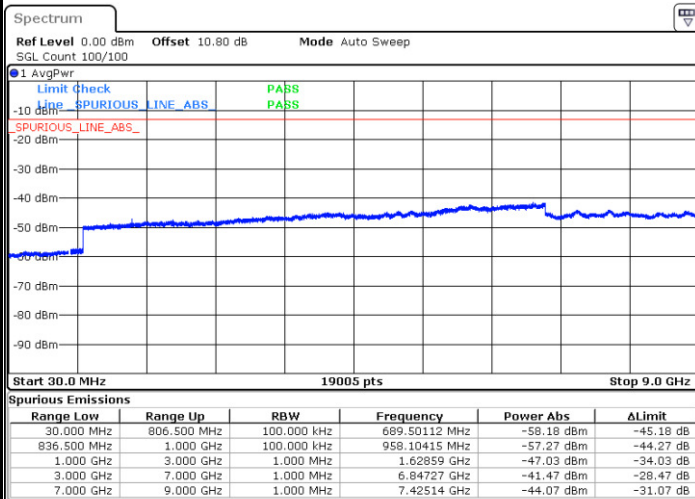
Highest Channel / 16QAM



Date: 16.FEB.2018 19:34:20

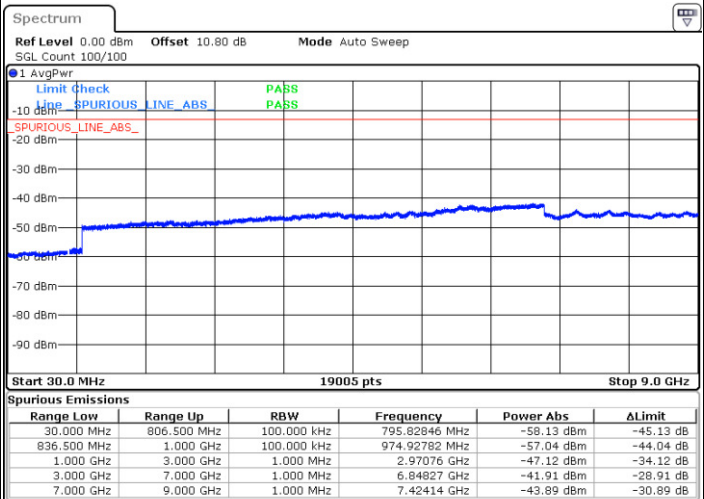
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 16.FEB.2018 19:04:46

Lowest Channel / 16QAM



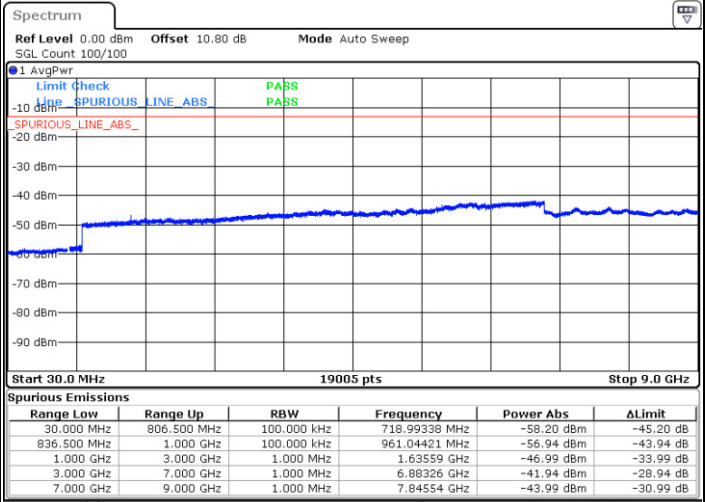
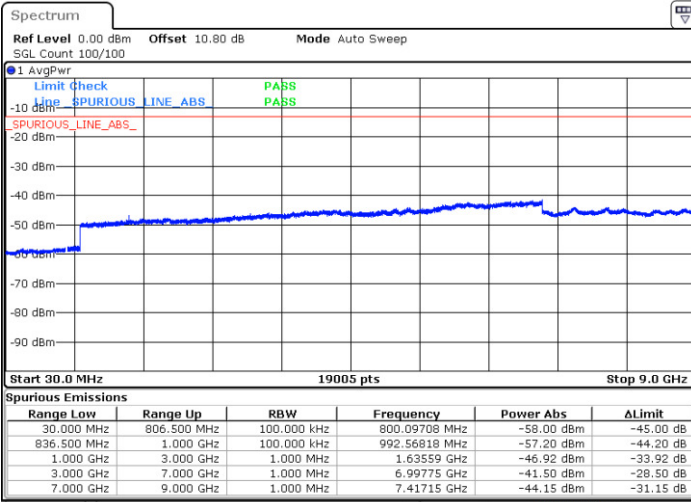
Date: 16.FEB.2018 19:05:41



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

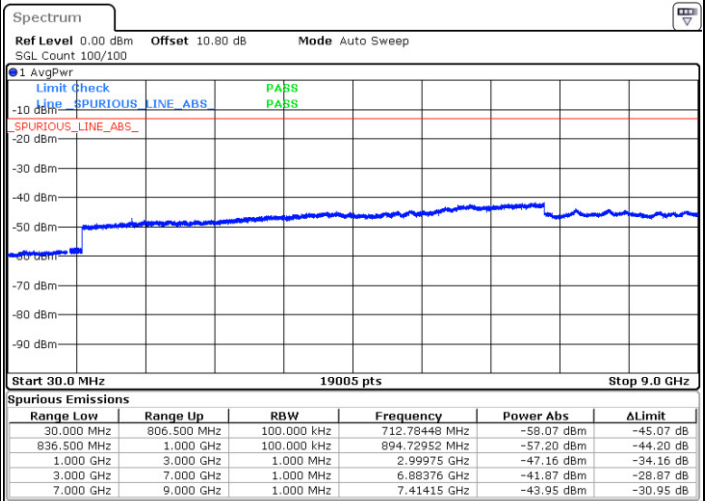
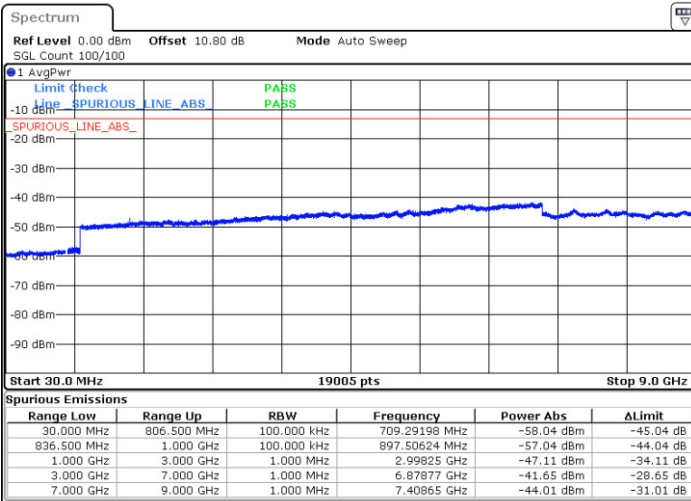


Date: 16.FEB.2018 19:07:16

Date: 16.FEB.2018 19:08:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.FEB.2018 19:09:46

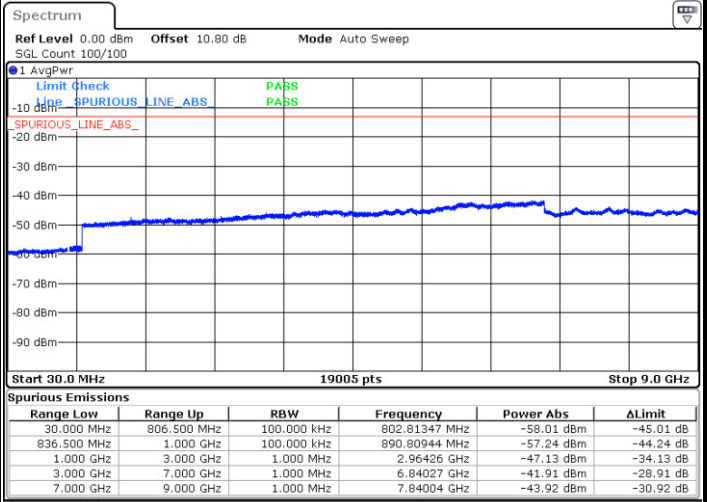
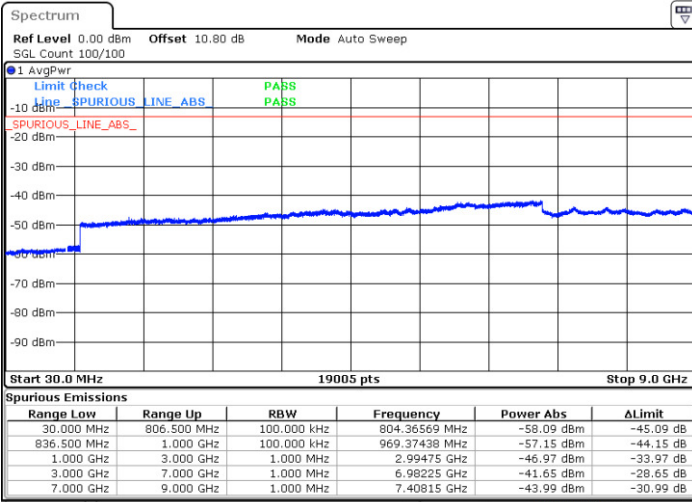
Date: 16.FEB.2018 19:10:42



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

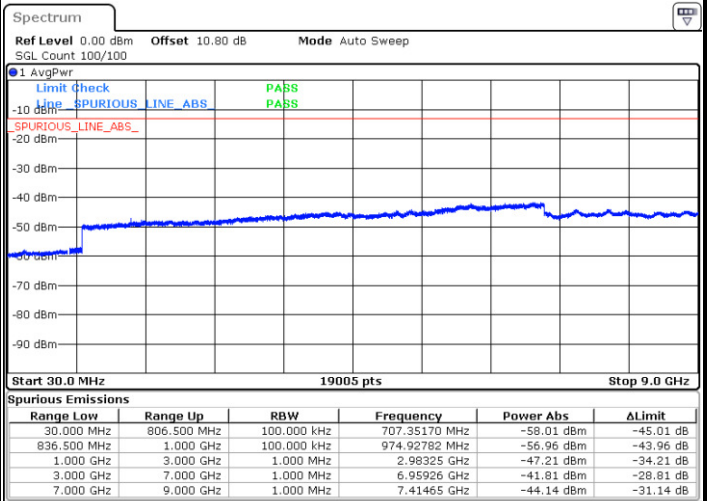
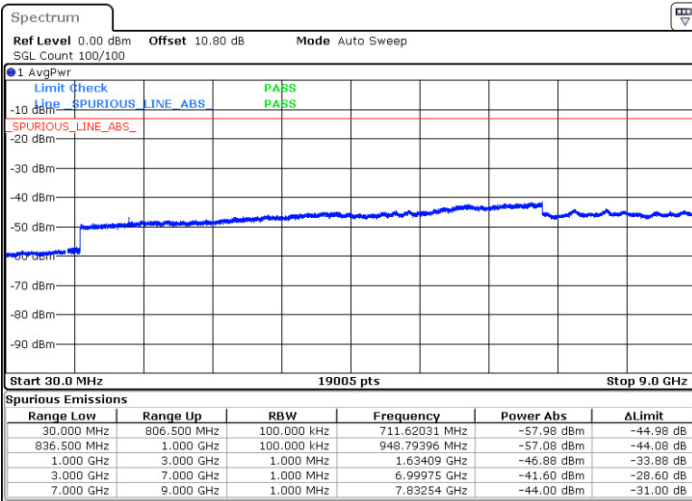


Date: 16.FEB.2018 19:12:17

Date: 16.FEB.2018 19:13:12

Middle Channel / QPSK

Middle Channel / 16QAM



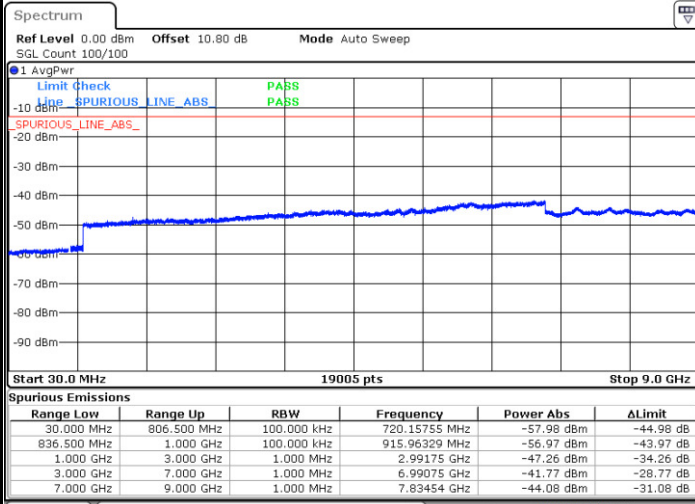
Date: 16.FEB.2018 19:14:47

Date: 16.FEB.2018 19:15:42



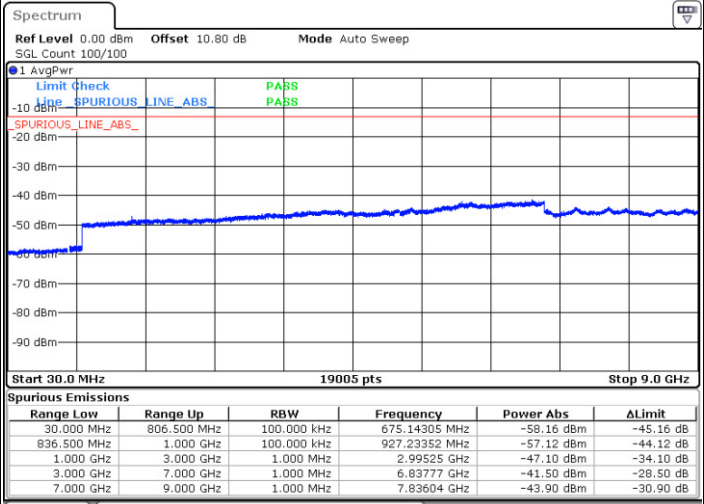
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 16.FEB.2018 19:17:16

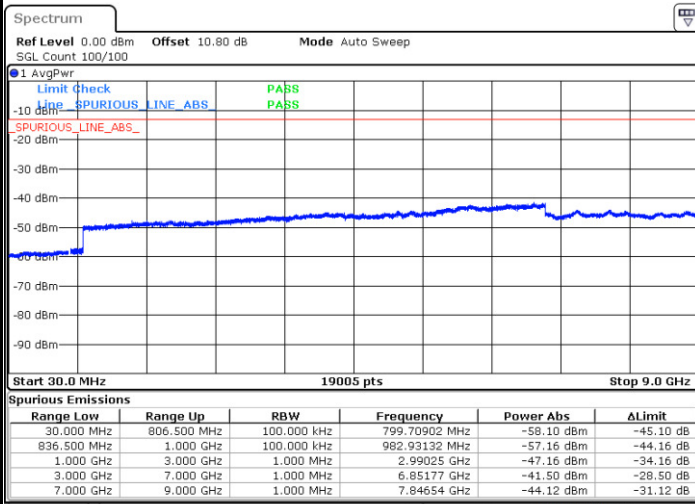
Highest Channel / 16QAM



Date: 16.FEB.2018 19:18:12

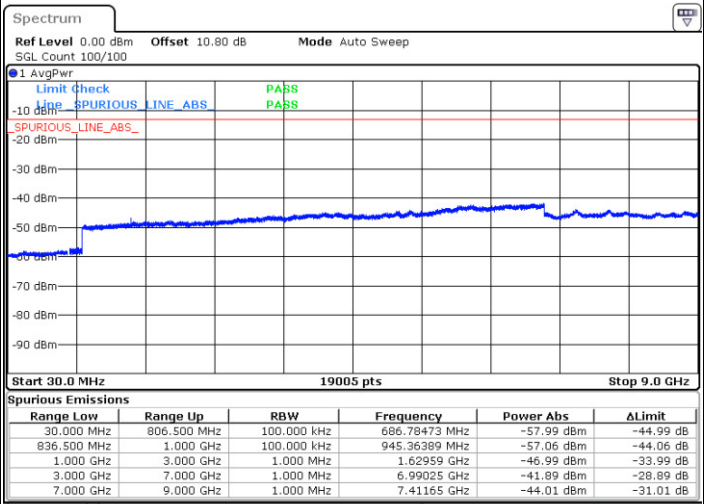
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 16.FEB.2018 19:19:46

Middle Channel / 16QAM



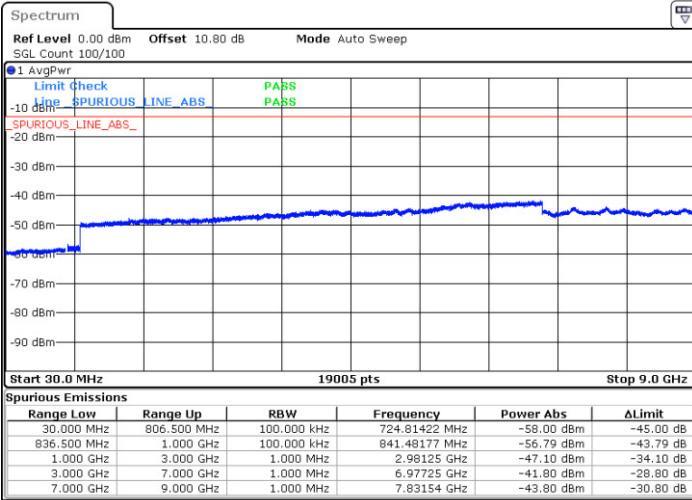
Date: 16.FEB.2018 19:20:41



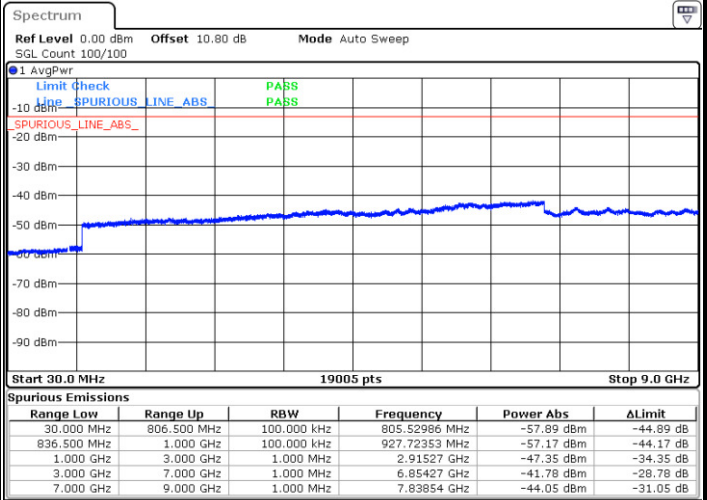
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 16.FEB 2018 19:22:16



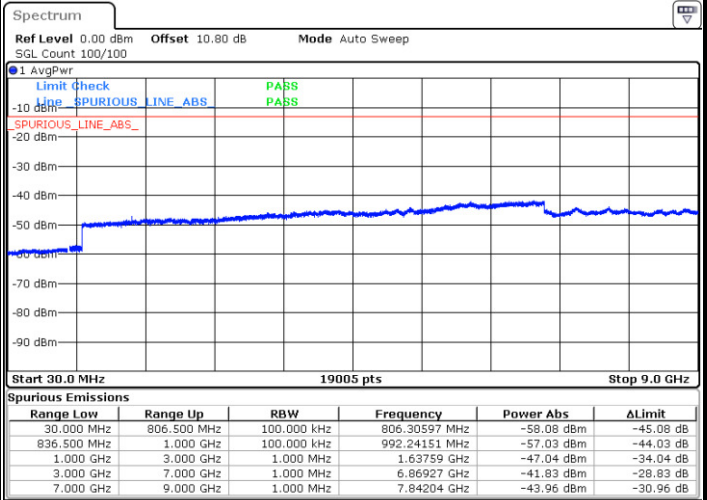
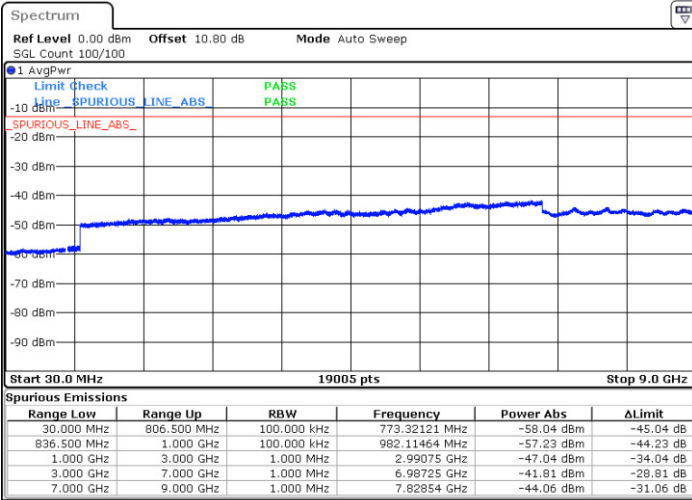
Date: 16.FEB 2018 19:23:11



LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

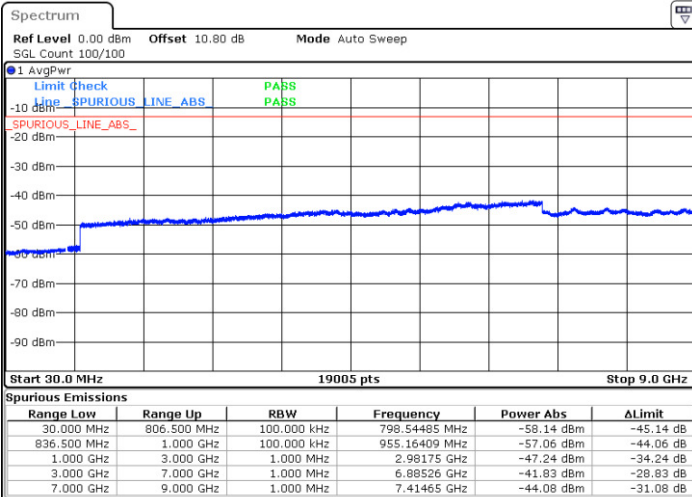
Middle Channel / 64QAM



Date: 16.FEB.2018 19:00:42

Date: 16.FEB.2018 19:01:57

Highest Channel / 64QAM



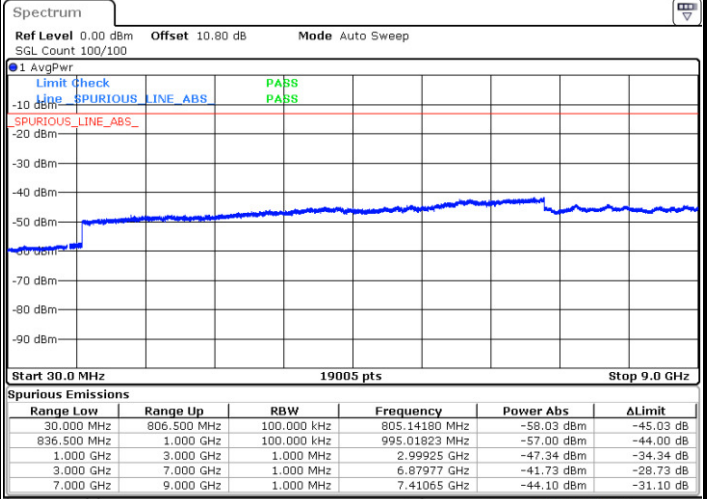
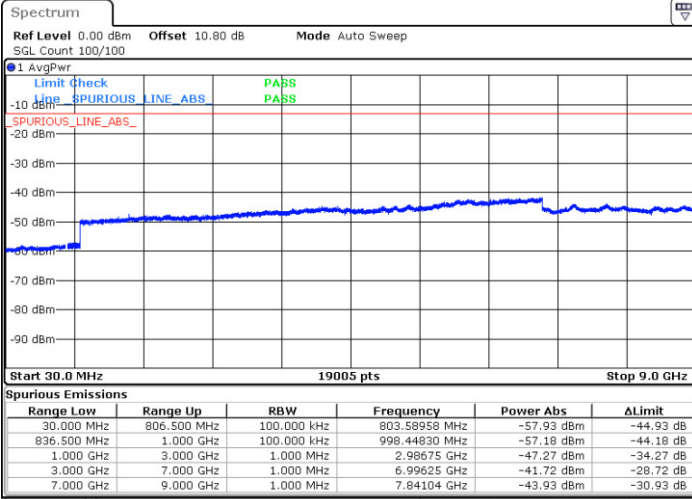
Date: 16.FEB.2018 19:03:11



LTE Band 26 / 3MHz

Lowest Channel / 64QAM

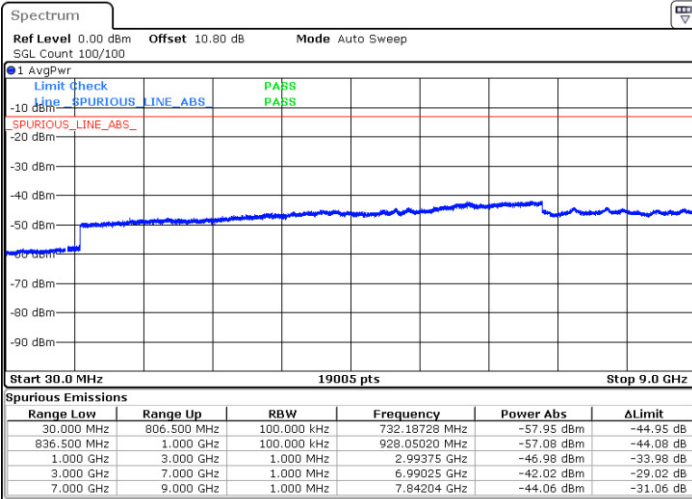
Middle Channel / 64QAM



Date: 16.FEB.2018 18:48:54

Date: 16.FEB.2018 18:50:08

Highest Channel / 64QAM



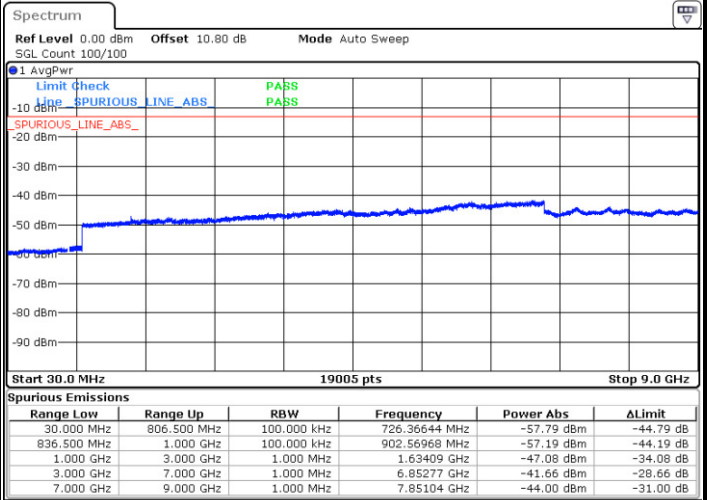
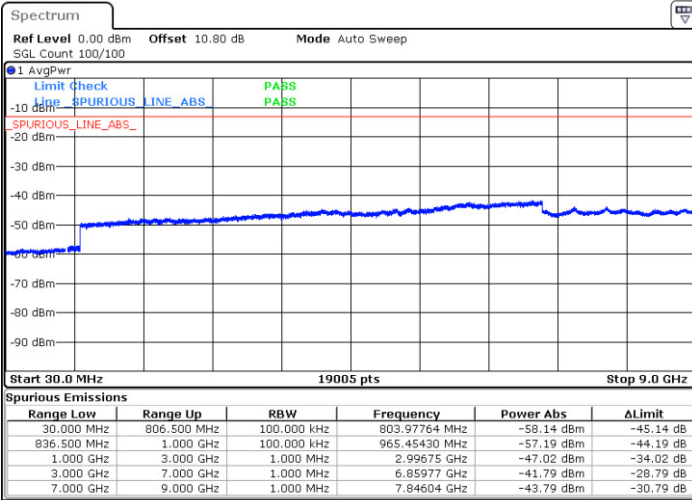
Date: 16.FEB.2018 18:51:23



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

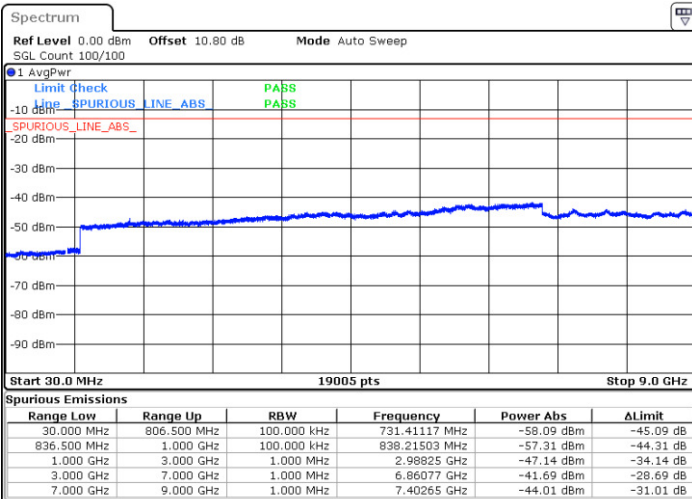
Middle Channel / 64QAM



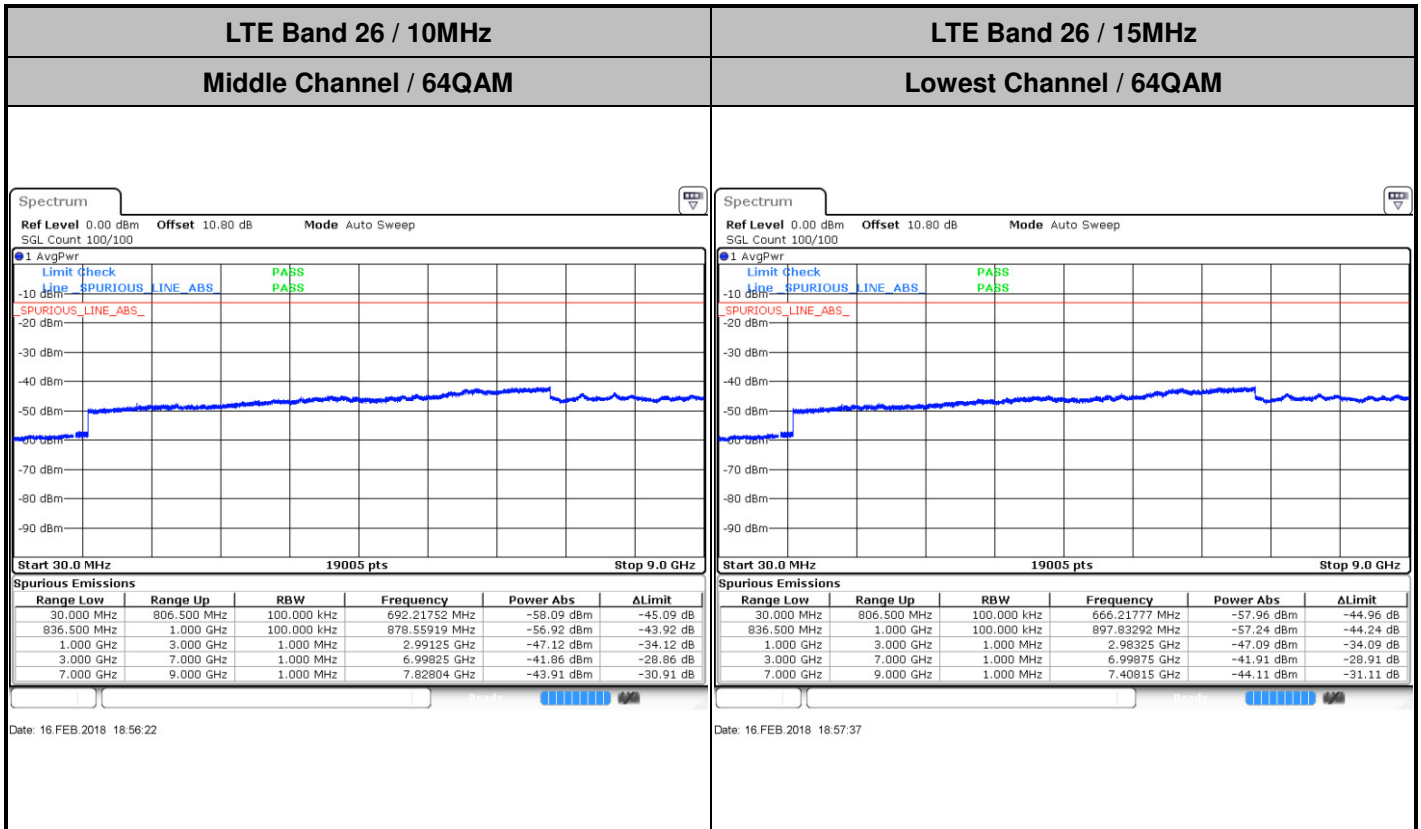
Date: 16.FEB.2018 18:52:38

Date: 16.FEB.2018 18:53:53

Highest Channel / 64QAM



Date: 16.FEB.2018 18:55:08





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	0.0103	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0065	
0	Normal Voltage	0.0123	
-10	Normal Voltage	0.0118	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0090	
20	Maximum Voltage	0.0095	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0106	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 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	0.0015	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0041	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0091	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0047	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0038	

Note:

- 1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 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>

LTE Band 26 / 15MHz (Channel 26765) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.68	0.19	17.08	0.05
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	21.84	0.15	16.24	0.04
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	37	20.71	0.12	15.11	0.03
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission

Part90S LTE Band 26

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	1640	-49.40	-13	-36.40	-64.01	-54.76	1.22	8.73	H
	2464	-40.85	-13	-27.85	-58.5	-47.74	1.43	10.47	H
	3280	-55.26	-13	-42.26	-76.24	-63.16	1.69	11.74	H
									H
									H
									H
									H
	1640	-57.46	-13	-44.46	-72.07	-62.82	1.22	8.73	V
	2464	-41.63	-13	-28.63	-59.28	-48.52	1.43	10.47	V
	3280	-55.43	-13	-42.43	-76.41	-63.33	1.69	11.74	V
									V
									V
									V
									V

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