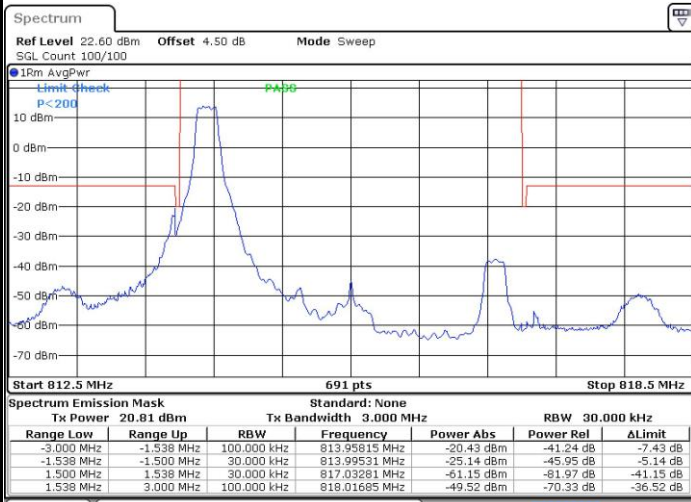




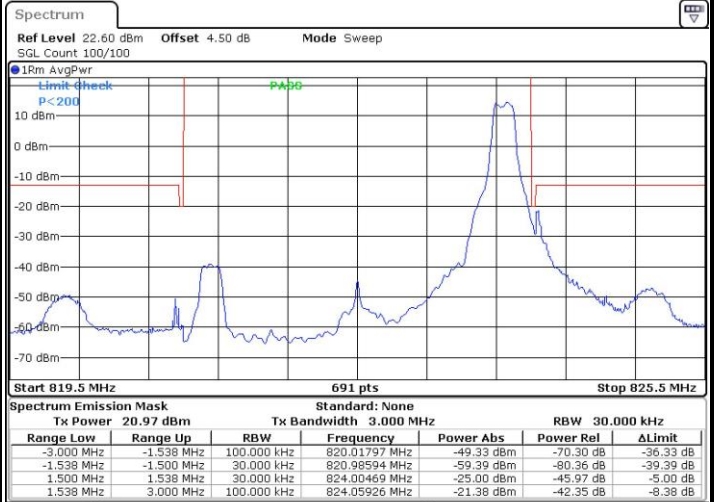
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



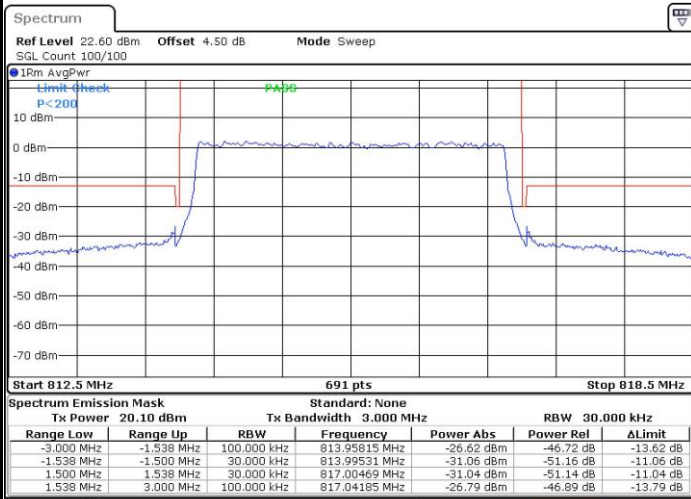
Date: 3.FEB.2019 17:01:13

Highest Band Edge / 1 RB



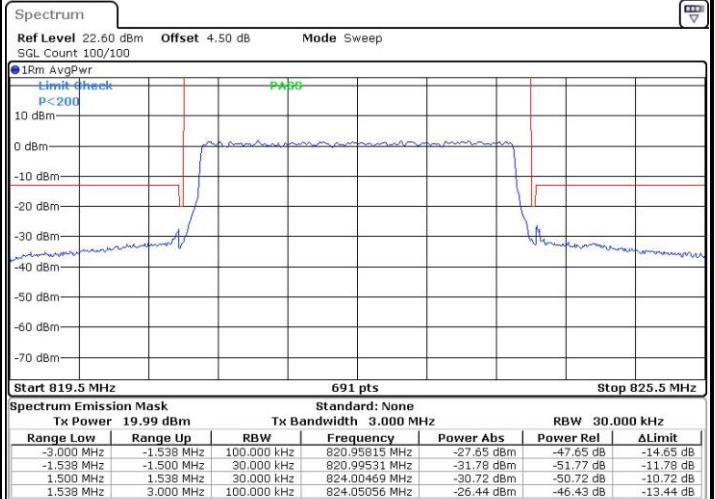
Date: 3.FEB.2019 17:11:46

Lowest Band Edge / Full RB



Date: 3.FEB.2019 17:04:44

Highest Band Edge / Full RB

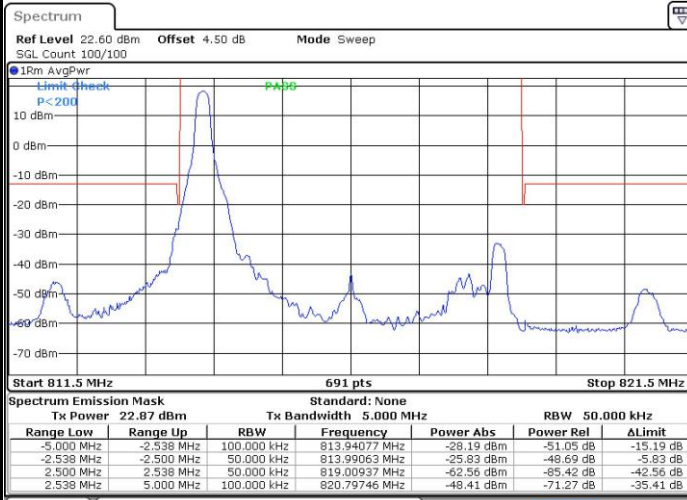


Date: 3.FEB.2019 17:08:16



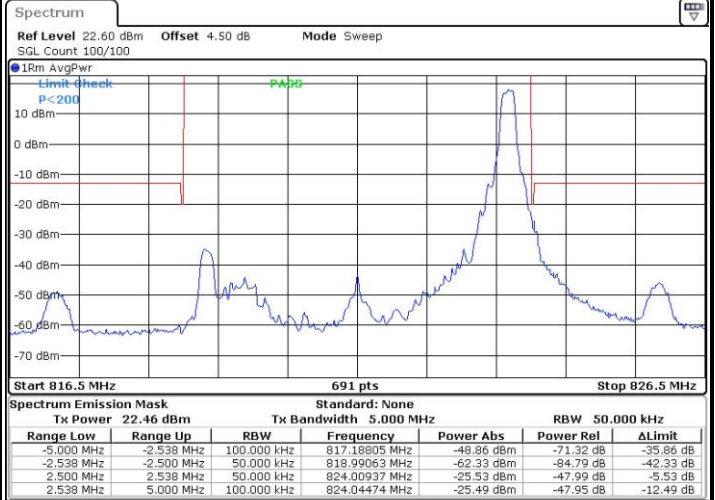
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



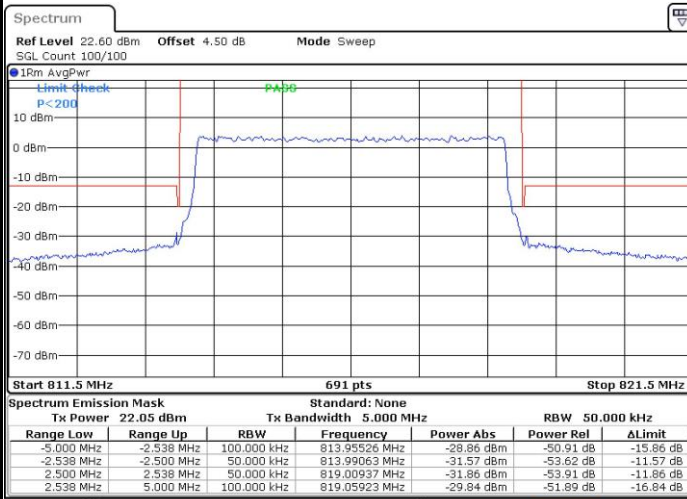
Date: 3.FEB.2019 17:14:06

Highest Band Edge / 1 RB



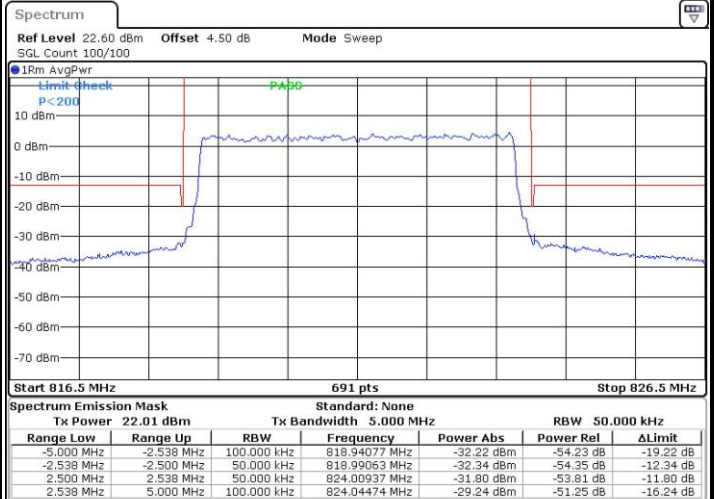
Date: 3.FEB.2019 17:24:36

Lowest Band Edge / Full RB



Date: 3.FEB.2019 17:17:35

Highest Band Edge / Full RB

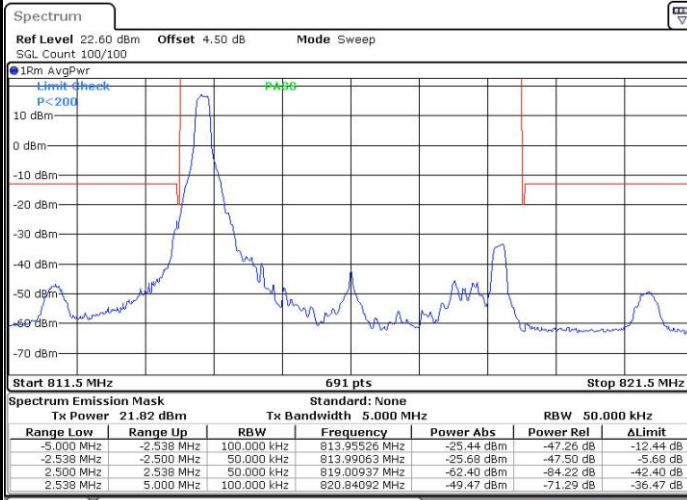


Date: 3.FEB.2019 17:21:05



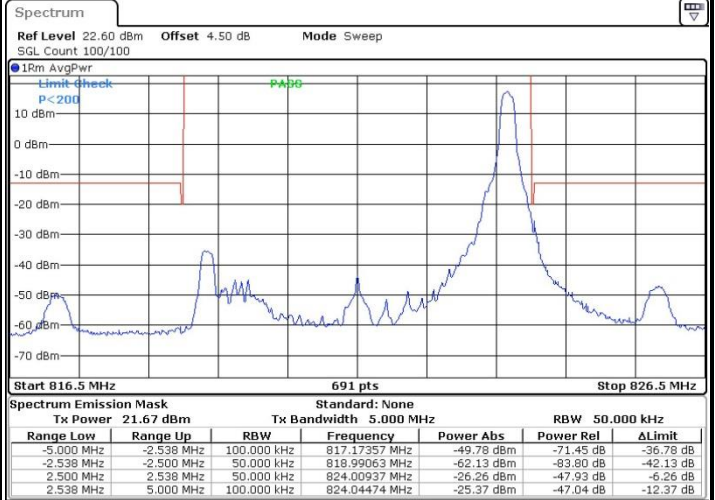
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



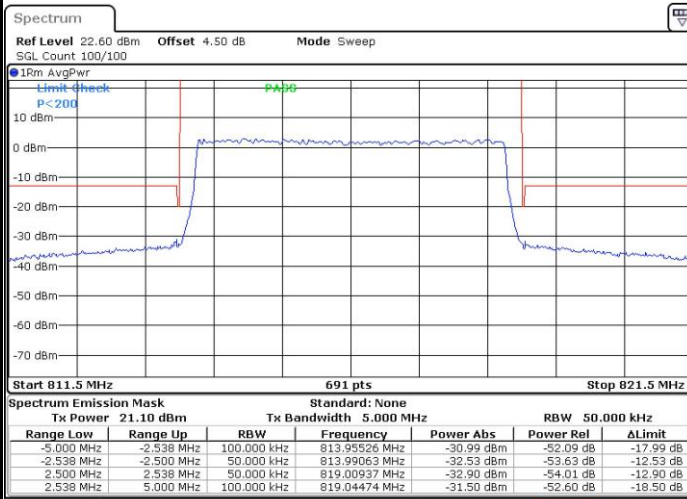
Date: 3.FEB.2019 17:12:56

Highest Band Edge / 1 RB



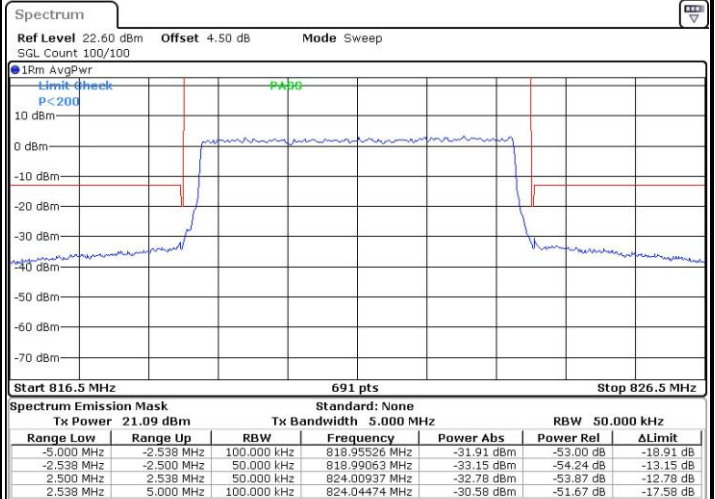
Date: 3.FEB.2019 17:23:25

Lowest Band Edge / Full RB



Date: 3.FEB.2019 17:16:25

Highest Band Edge / Full RB

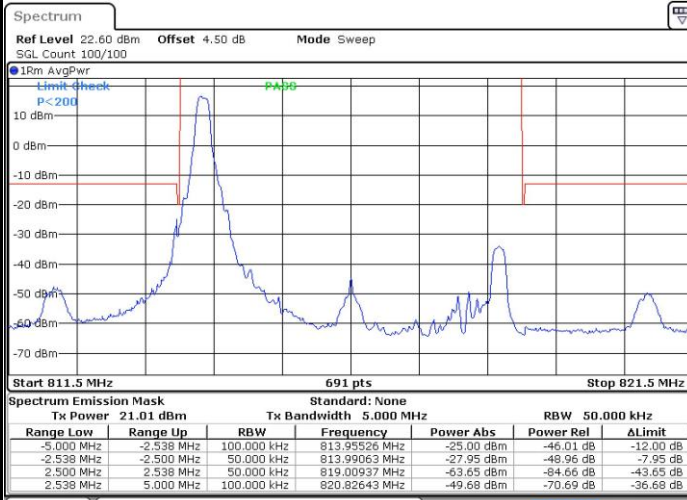


Date: 3.FEB.2019 17:19:54



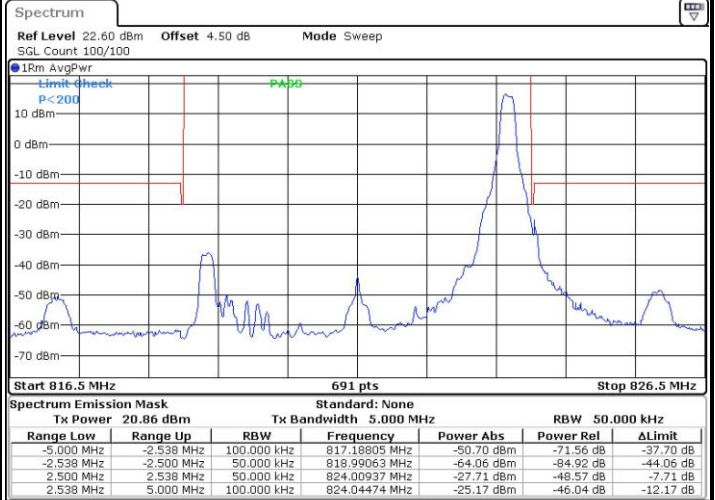
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



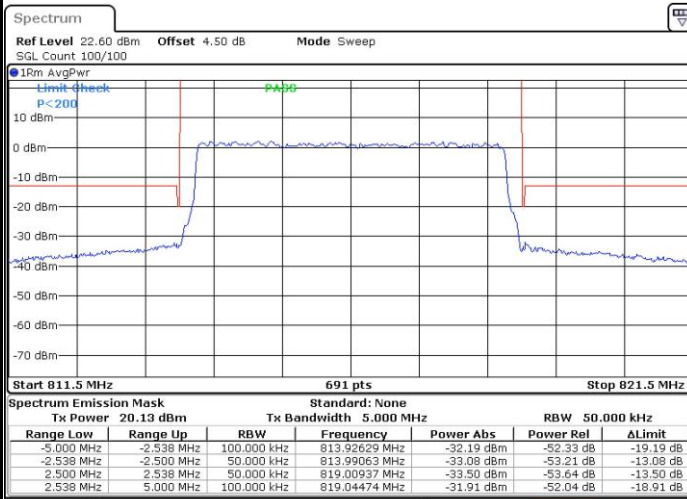
Date: 3.FEB.2019 17:15:16

Highest Band Edge / 1 RB



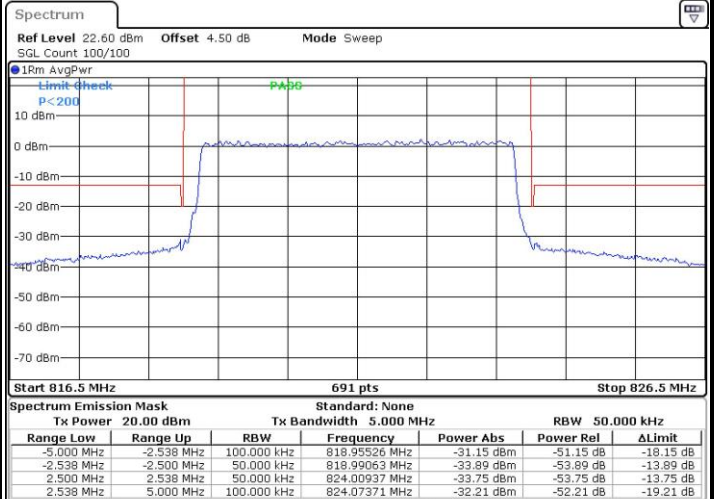
Date: 3.FEB.2019 17:25:46

Lowest Band Edge / Full RB



Date: 3.FEB.2019 17:16:45

Highest Band Edge / Full RB

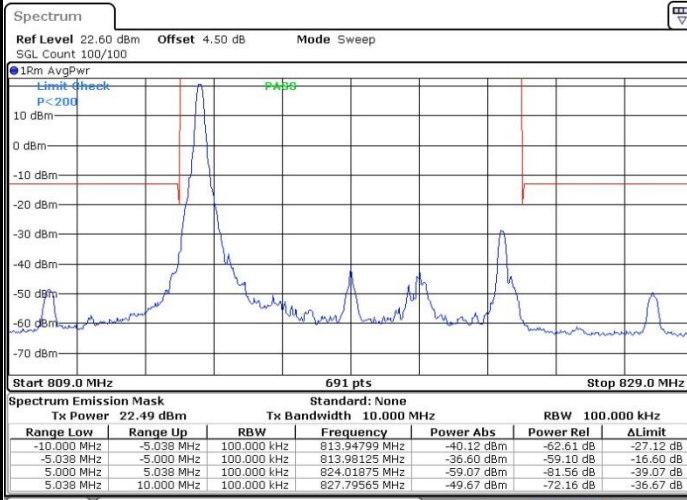


Date: 3.FEB.2019 17:22:15



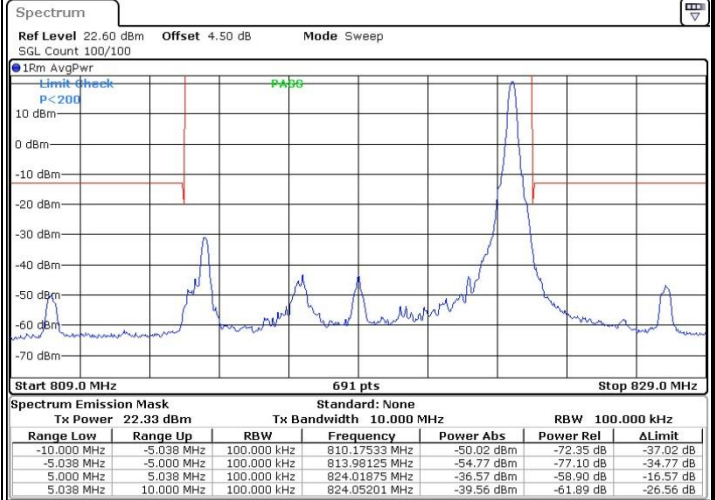
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



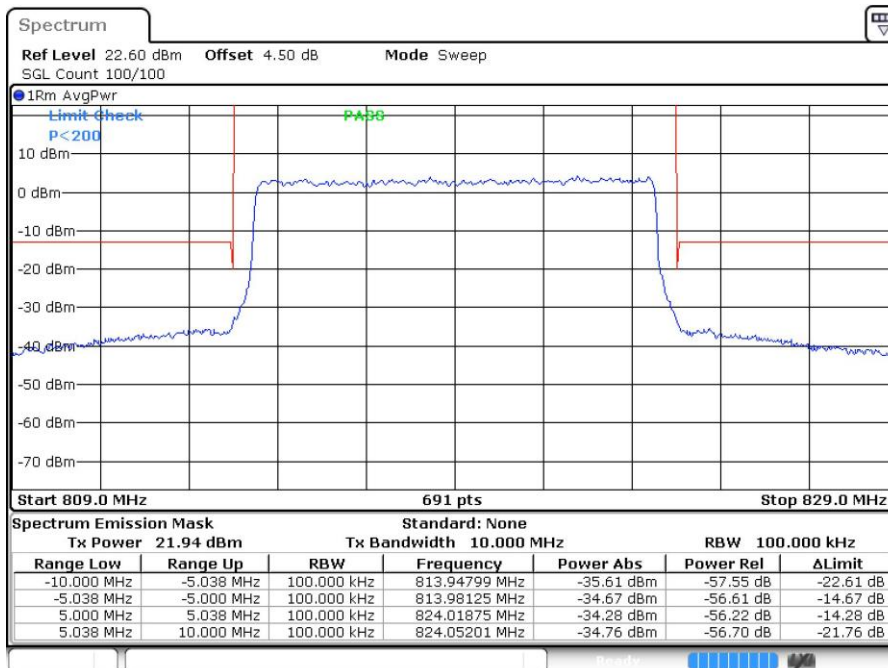
Date: 3 FEB 2019 17:28:06

Highest Band Edge / 1 RB



Date: 3 FEB 2019 17:35:06

Band Edge / Full RB

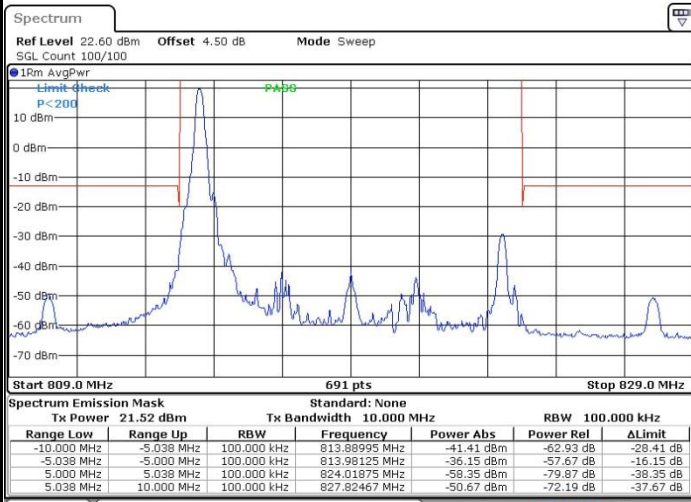


Date: 3 FEB 2019 17:31:36



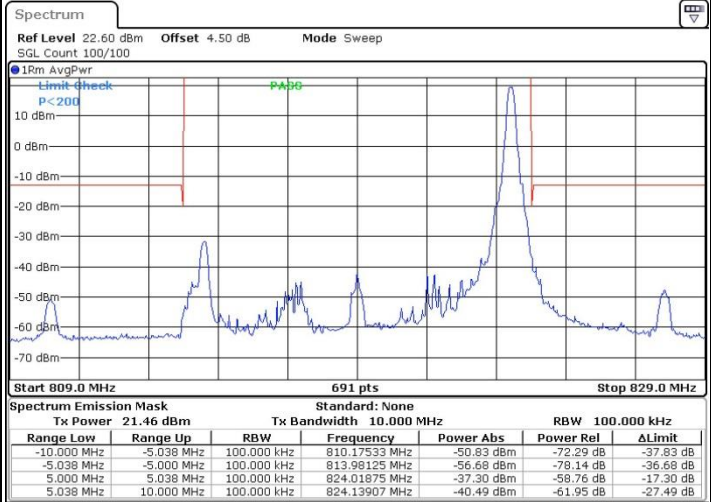
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



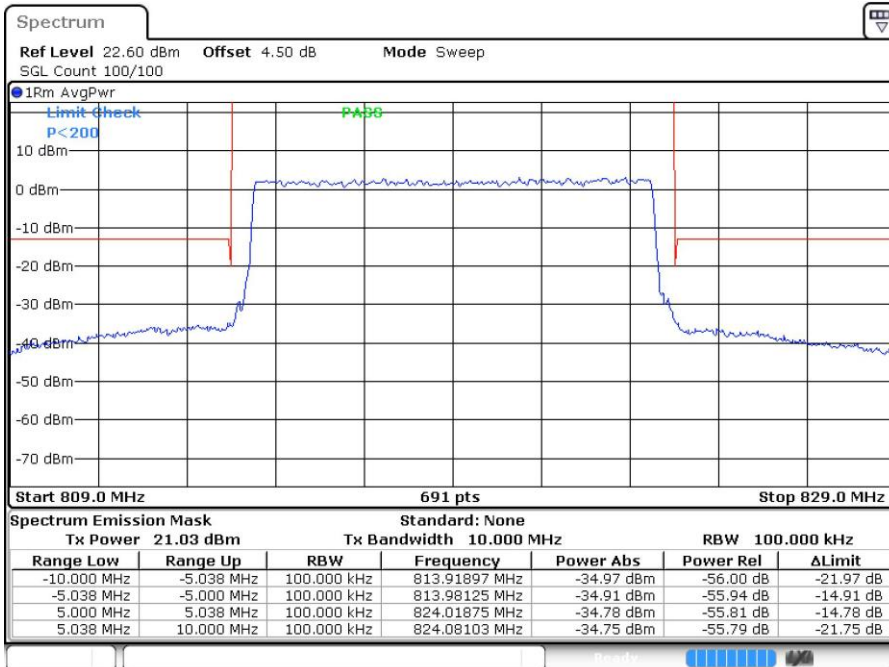
Date: 3.FEB.2019 17:26:56

Highest Band Edge / 1 RB



Date: 3.FEB.2019 17:33:56

Band Edge / Full RB



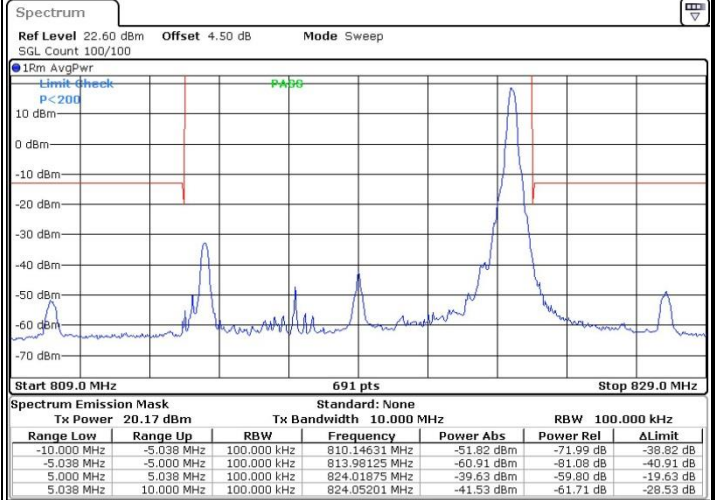
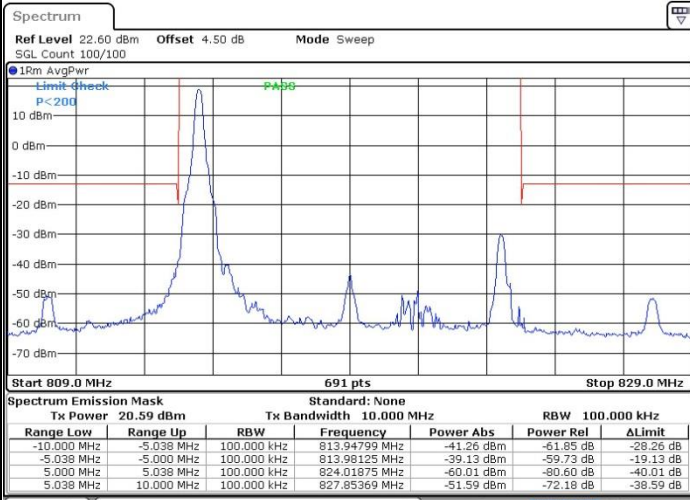
Date: 3.FEB.2019 17:30:26



LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

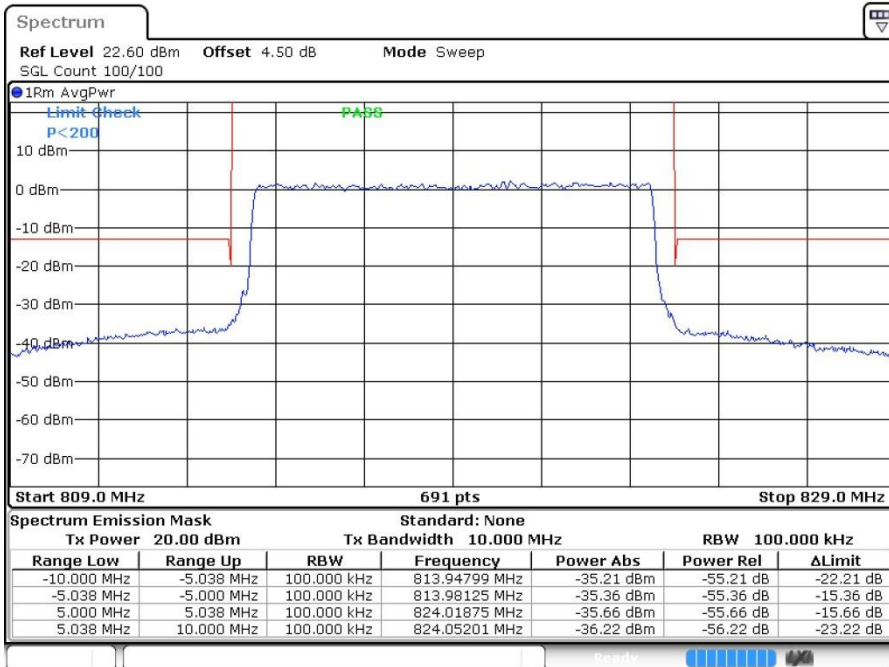
Highest Band Edge / 1 RB



Date: 3.FEB.2019 17:29:16

Date: 3.FEB.2019 17:36:17

Band Edge / Full RB

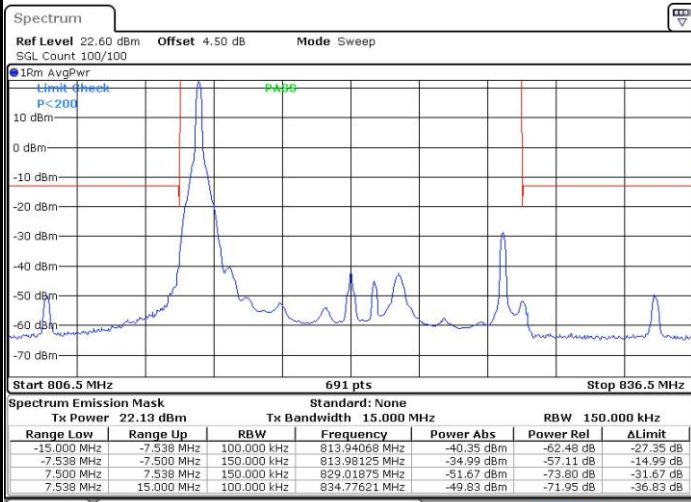


Date: 3.FEB.2019 17:32:46



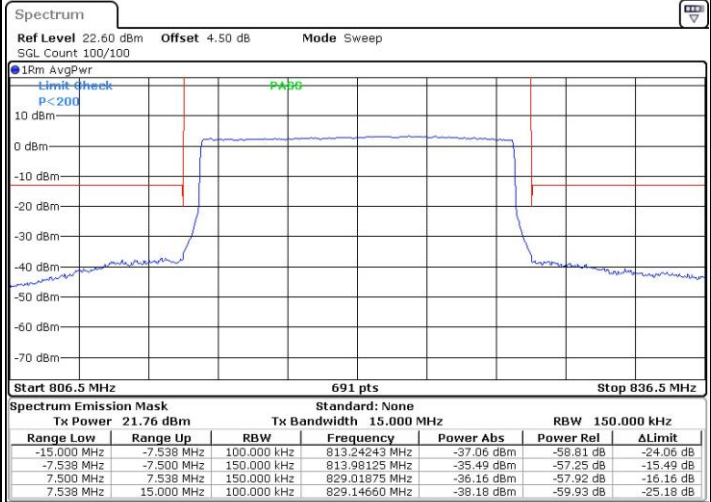
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 3 FEB 2019 17:38:37

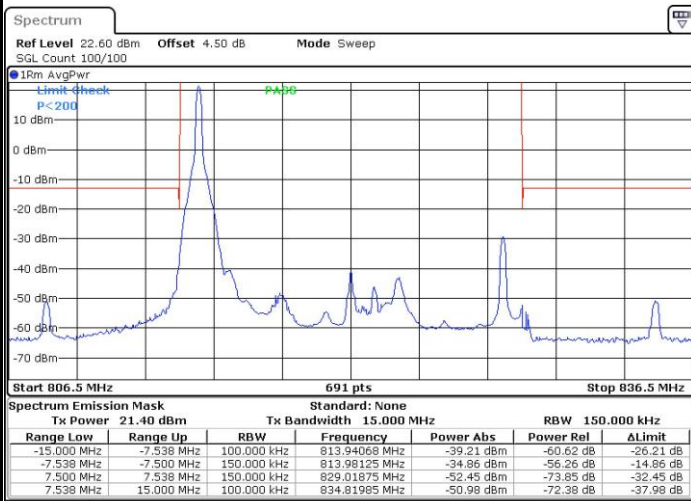
Lowest Band Edge / Full RB



Date: 3 FEB 2019 17:42:07

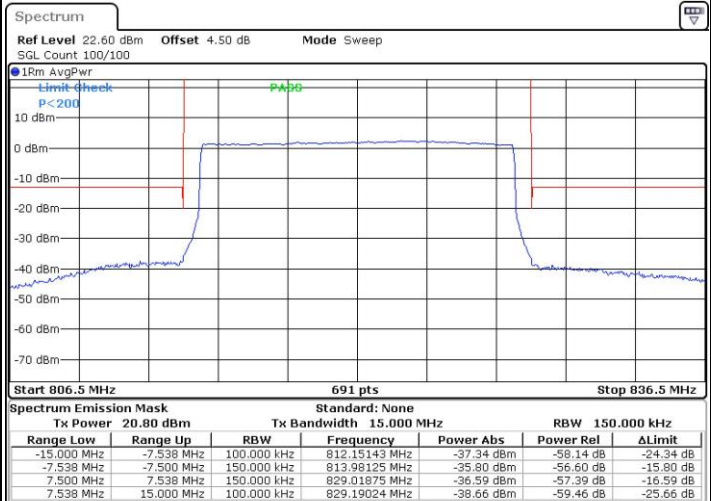
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB

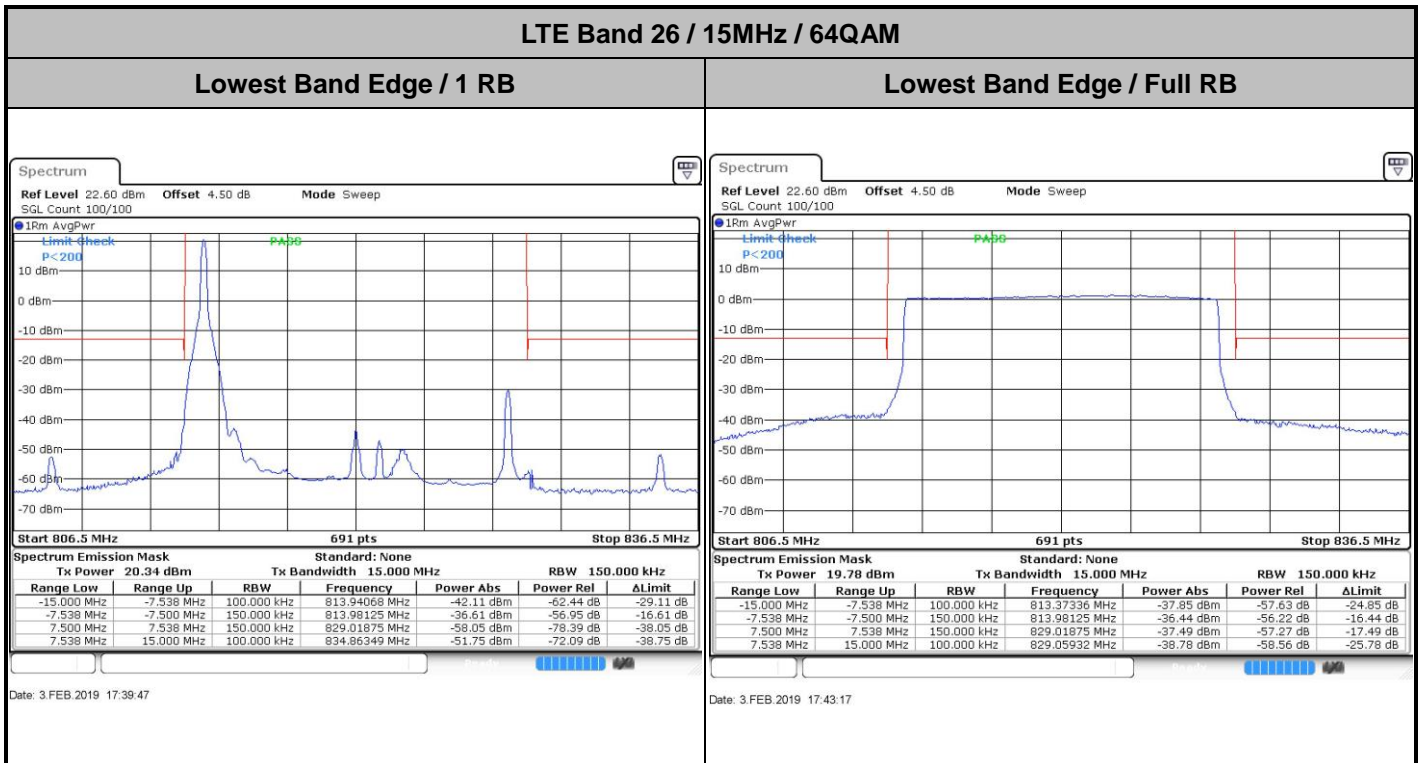


Date: 3 FEB 2019 17:37:28

Lowest Band Edge / Full RB

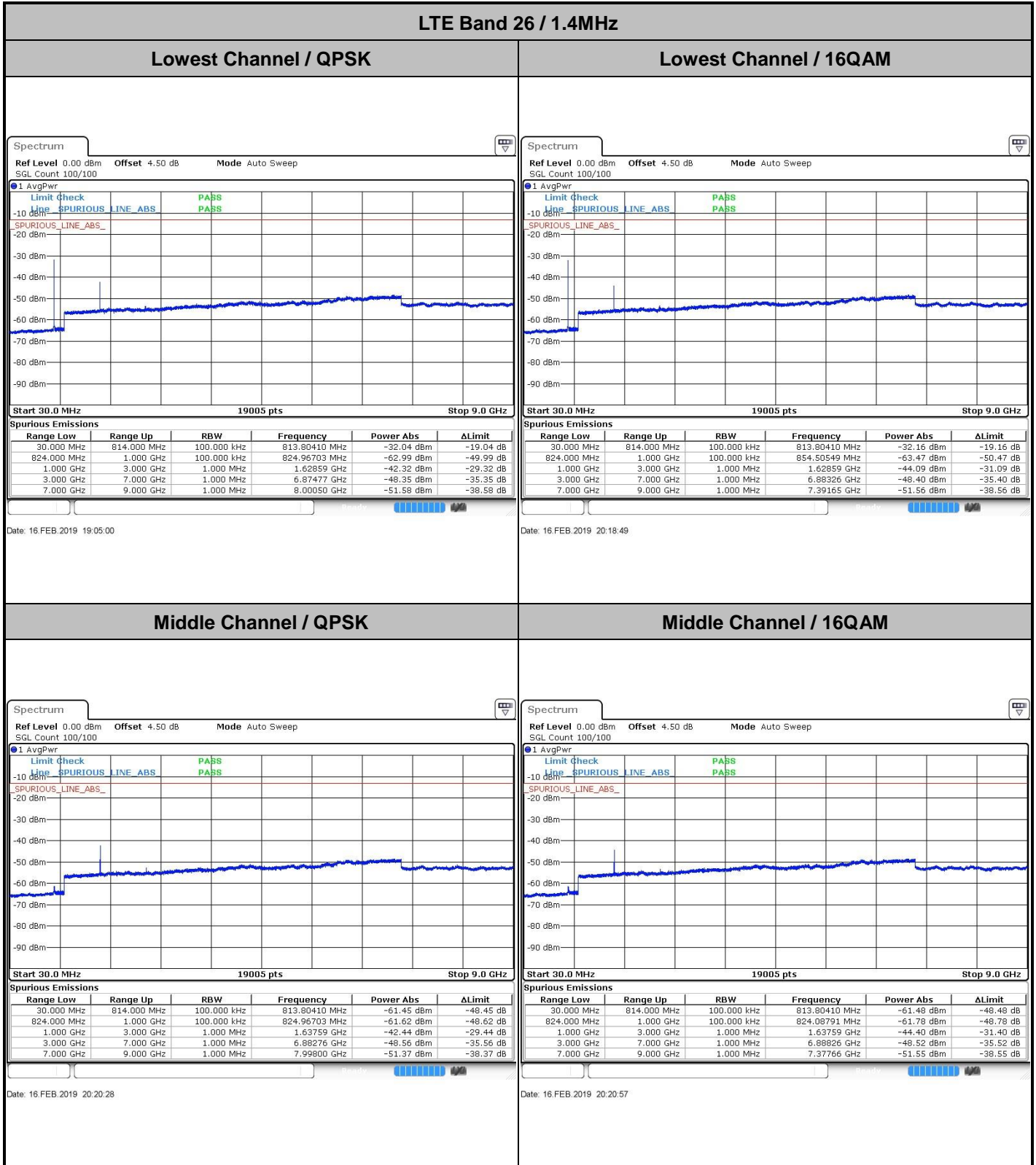


Date: 3 FEB 2019 17:40:57





# Conducted Spurious Emission

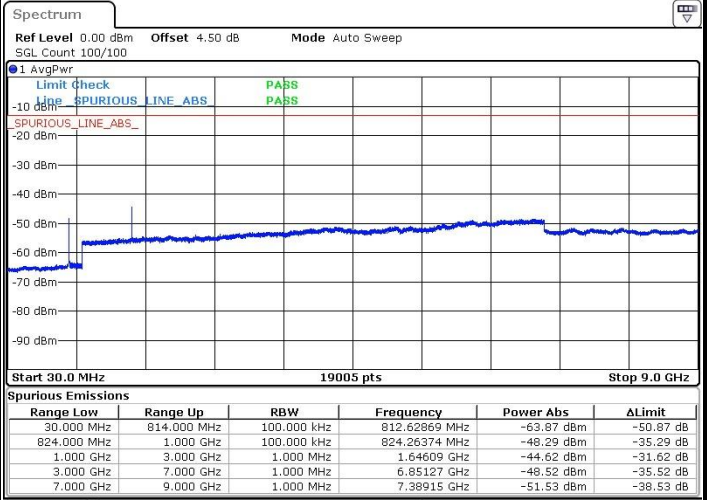
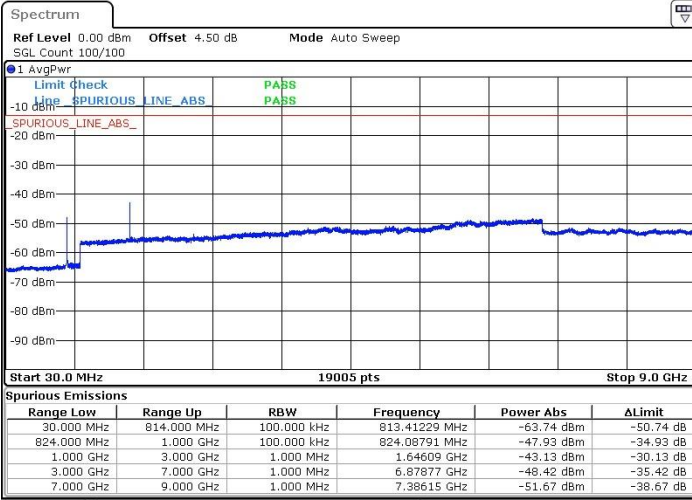




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



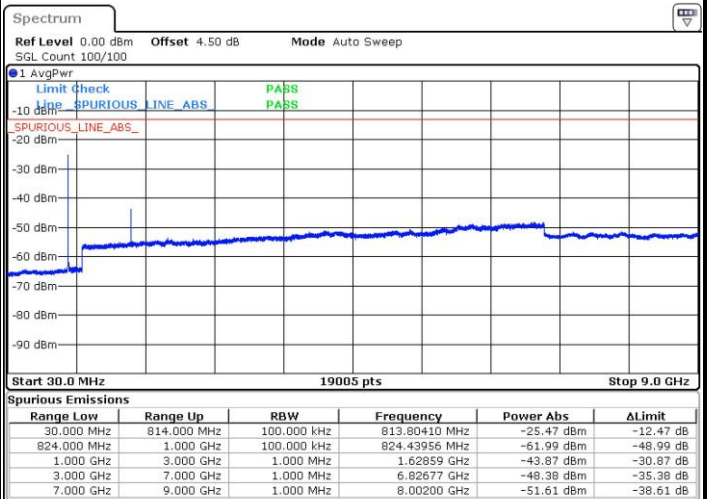
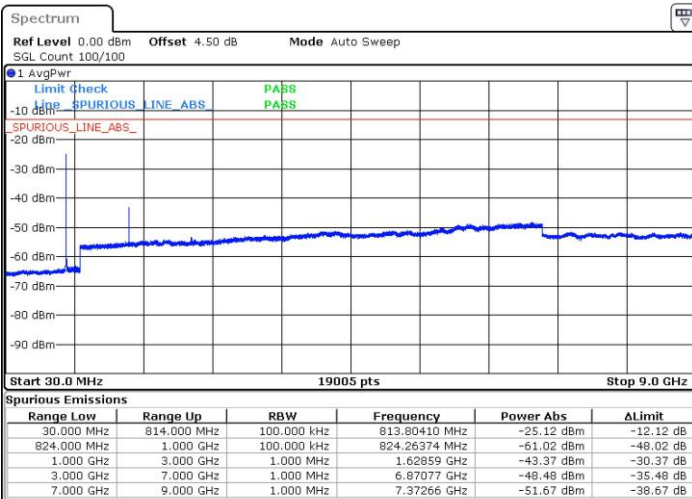
Date: 16.FEB.2019 20:32:01

Date: 16.FEB.2019 20:32:34

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 16.FEB.2019 20:11:38

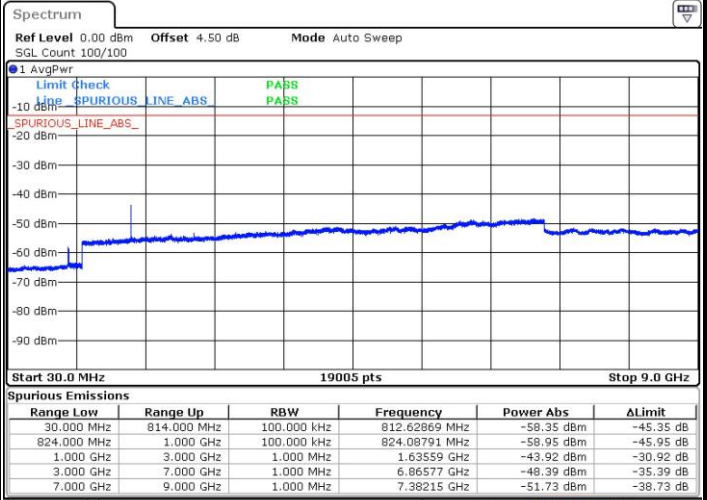
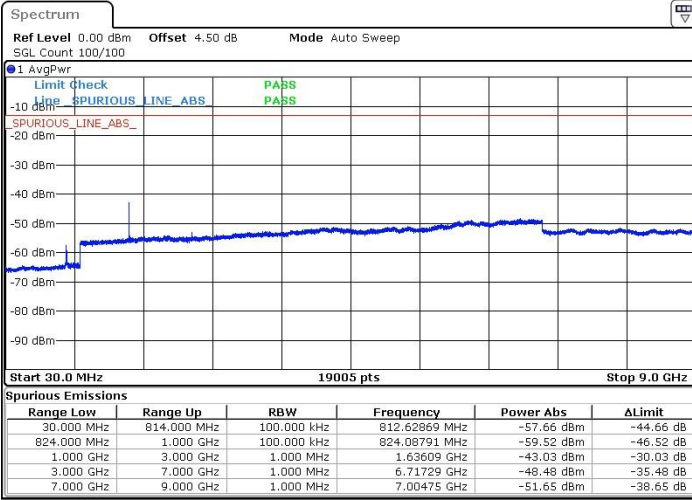
Date: 16.FEB.2019 20:10:29



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

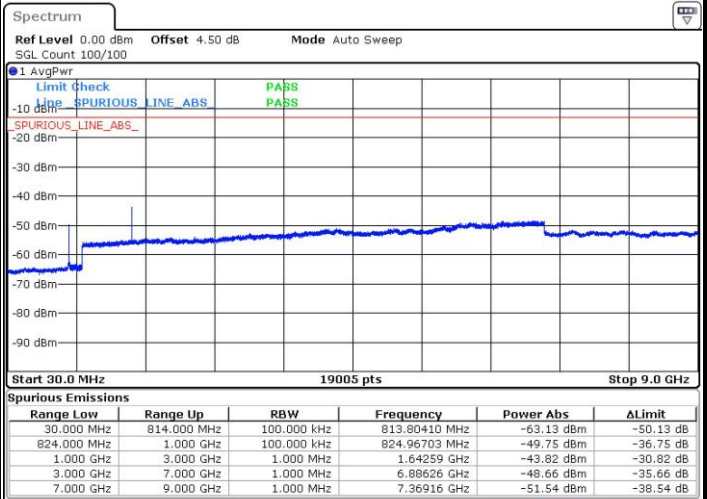
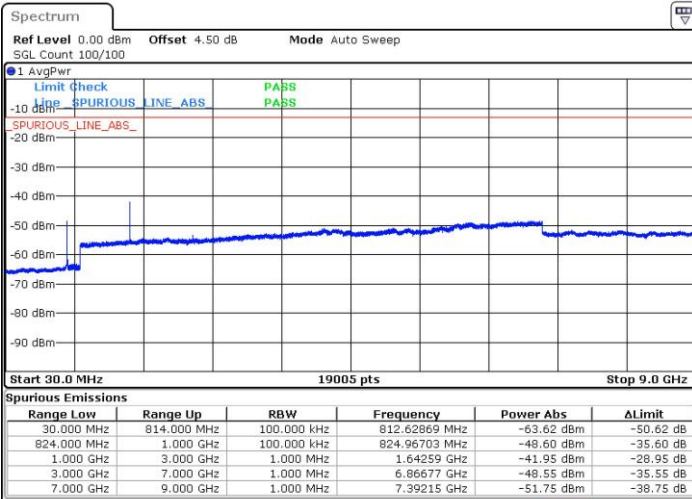


Date: 16.FEB.2019 20:12:10

Date: 16.FEB.2019 20:13:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.FEB.2019 20:15:36

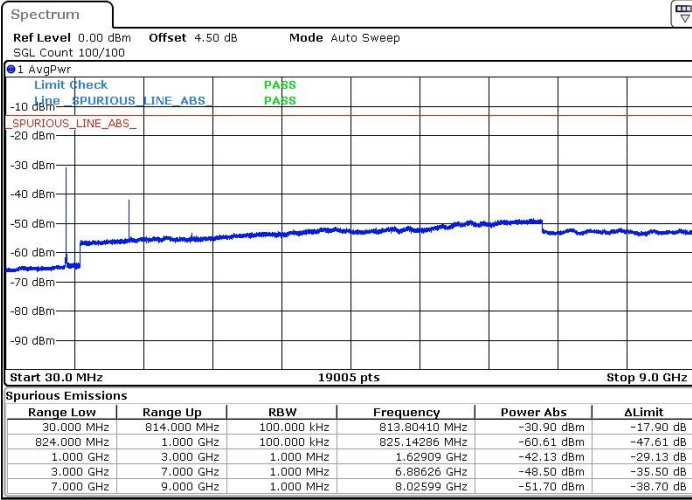
Date: 16.FEB.2019 20:15:07



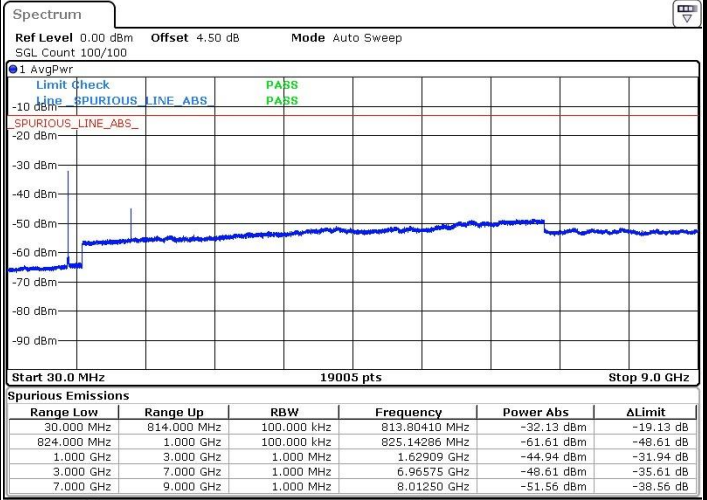
LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



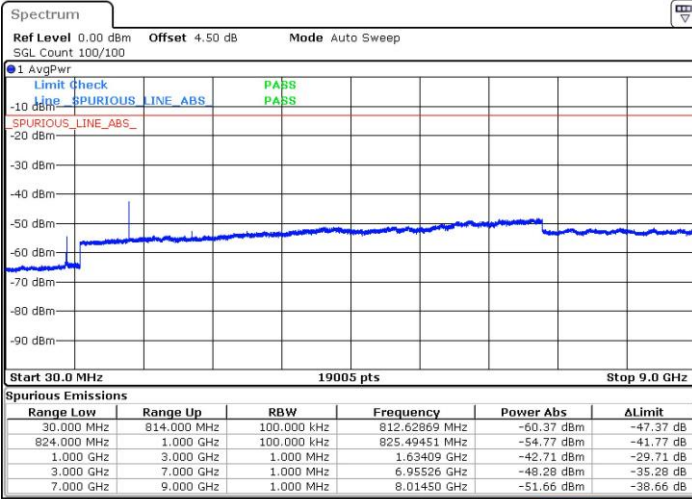
Date: 16.FEB.2019 20:00:43



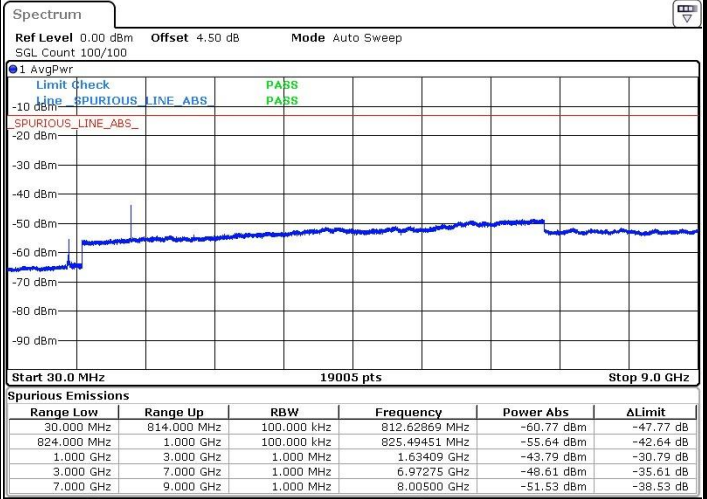
Date: 16.FEB.2019 19:59:53

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 16.FEB.2019 20:01:20

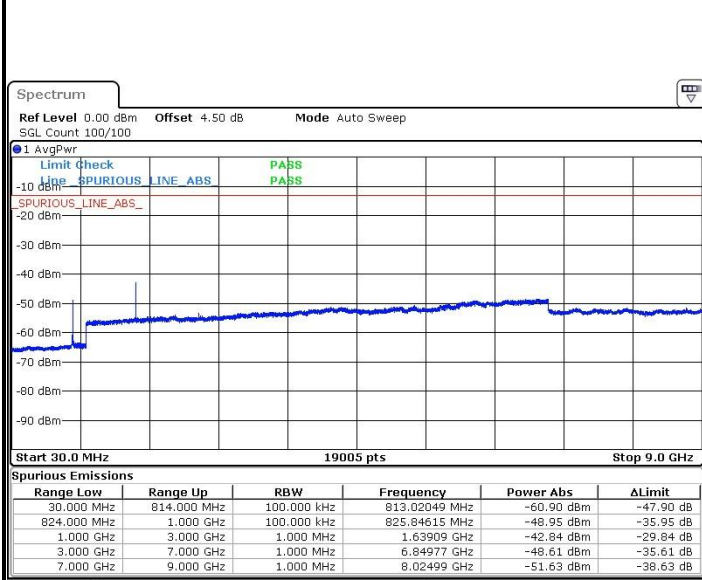


Date: 16.FEB.2019 20:01:54



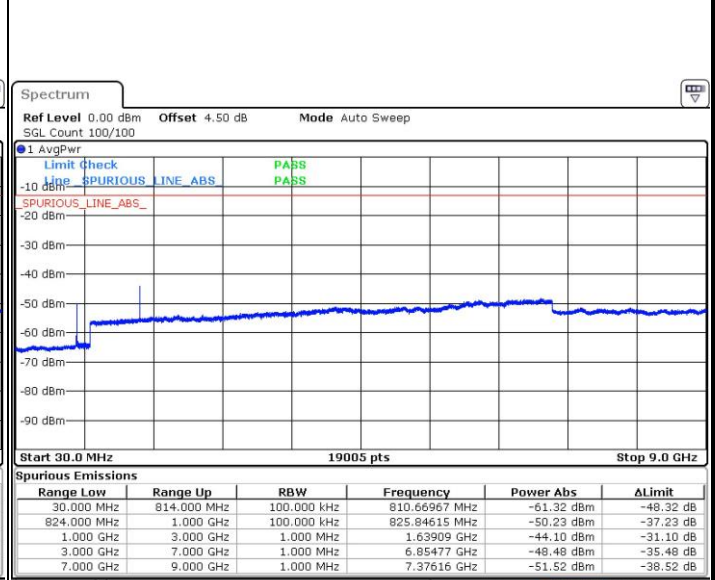
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 16.FEB.2019 20:04:10

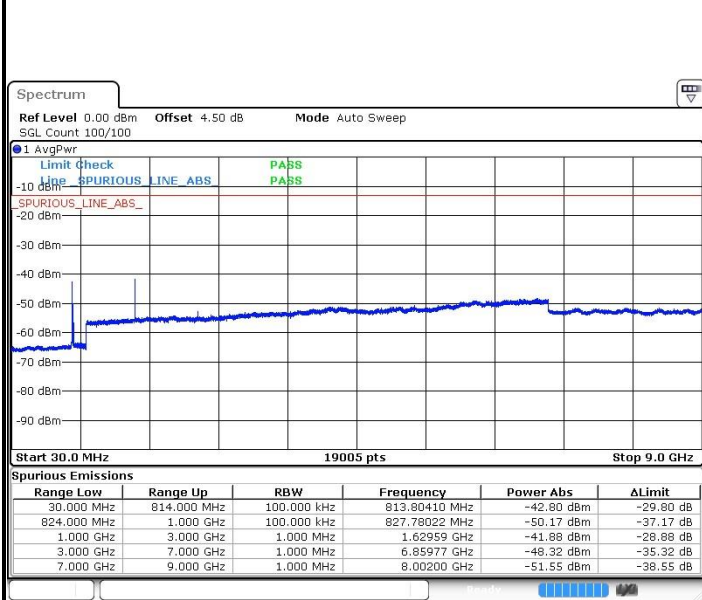
Highest Channel / 16QAM



Date: 16.FEB.2019 20:03:29

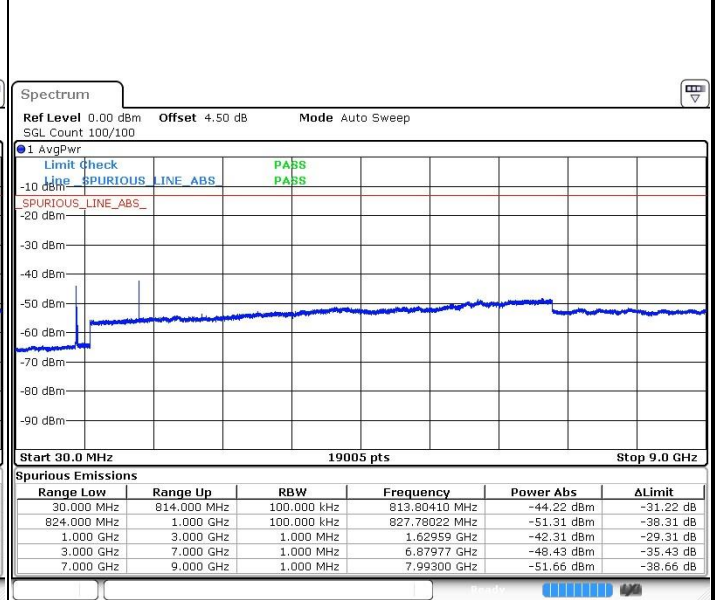
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 16.FEB.2019 19:12:03

Middle Channel / 16QAM



Date: 16.FEB.2019 19:53:27

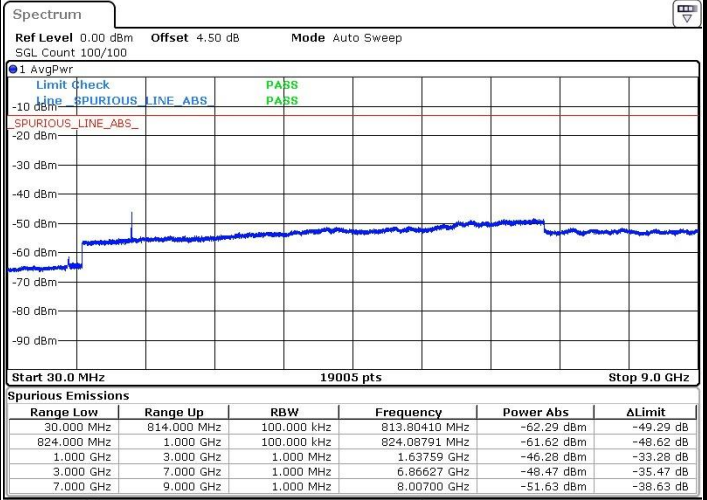
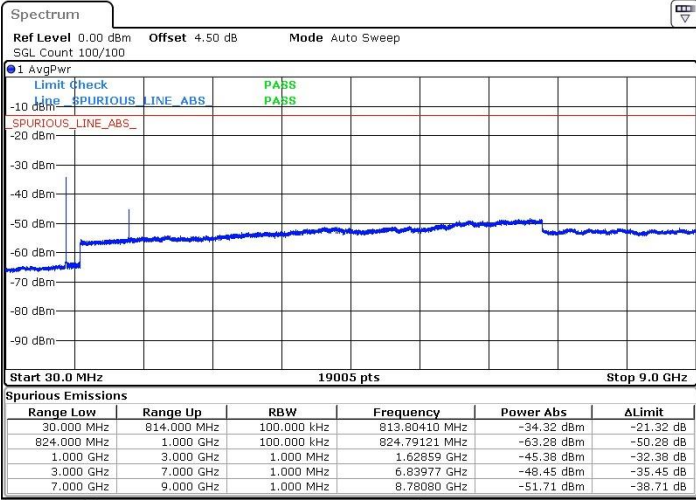




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

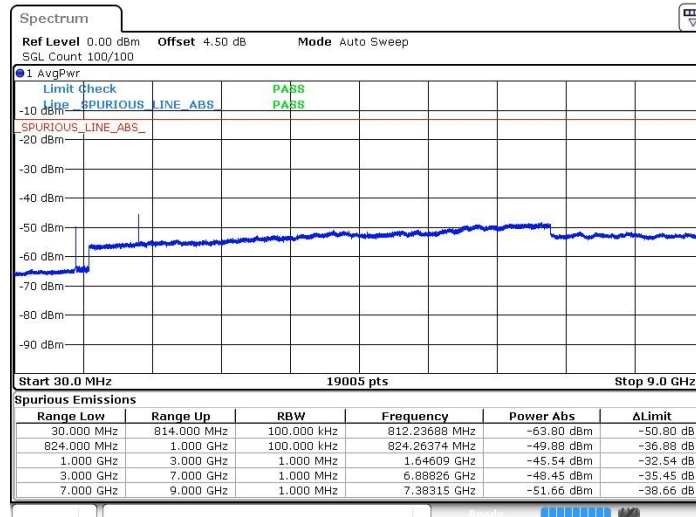
Middle Channel / 64QAM



Date: 16.FEB.2019 20:19:54

Date: 16.FEB.2019 20:31:17

Highest Channel / 64QAM



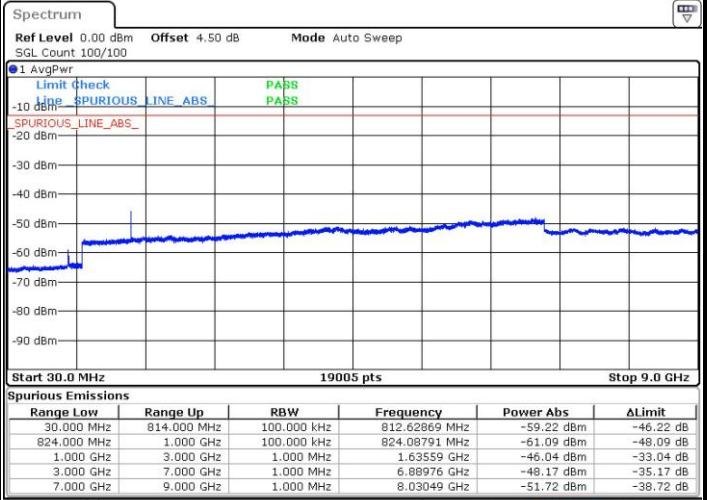
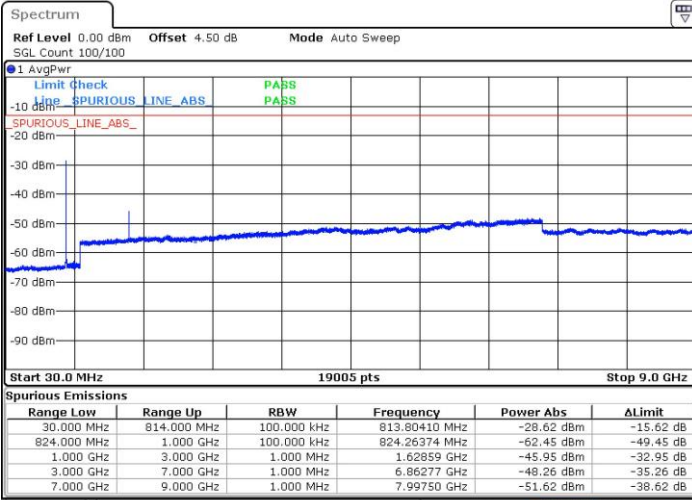
Date: 16.FEB.2019 20:33:11



LTE Band 26 / 3MHz

Lowest Channel / 64QAM

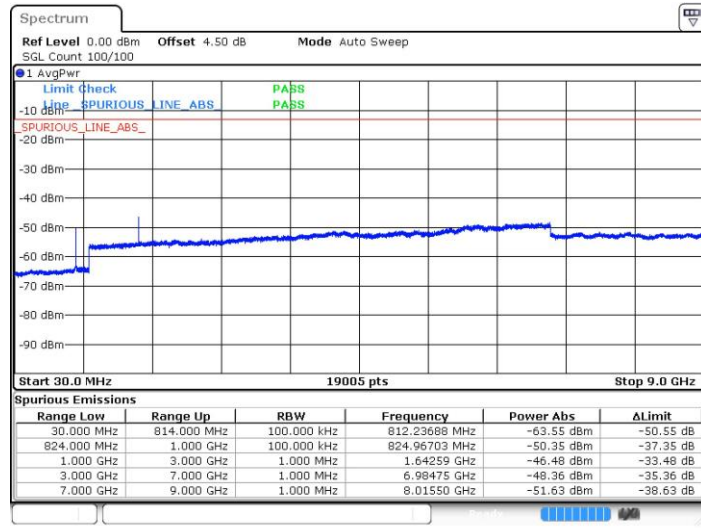
Middle Channel / 64QAM



Date: 16.FEB.2019 20:09:59

Date: 16.FEB.2019 20:14:04

Highest Channel / 64QAM



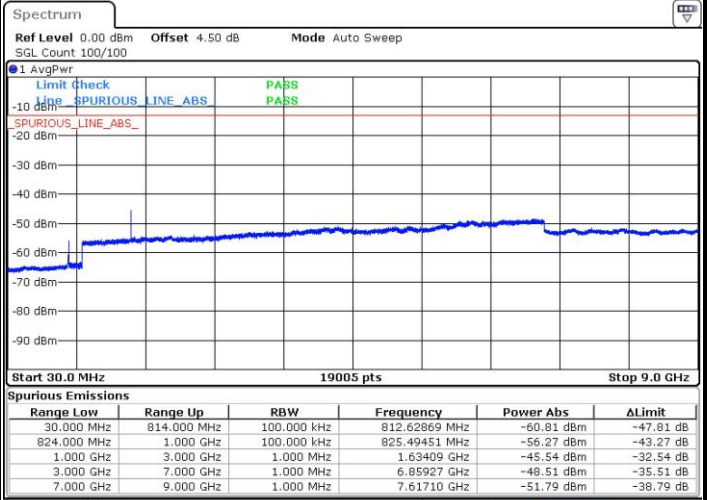
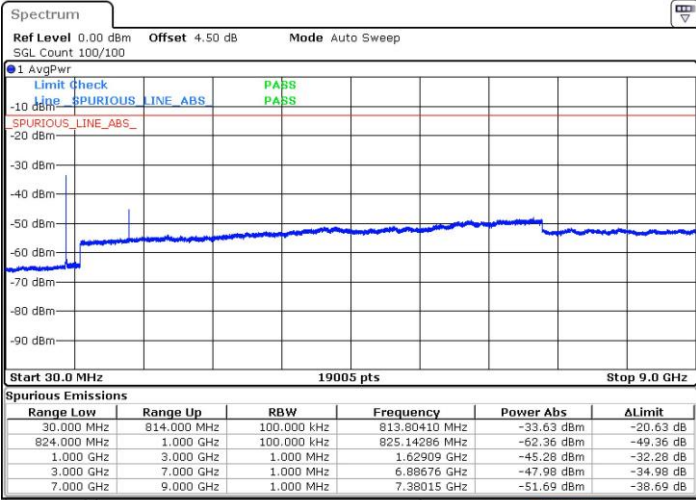
Date: 16.FEB.2019 20:14:38



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

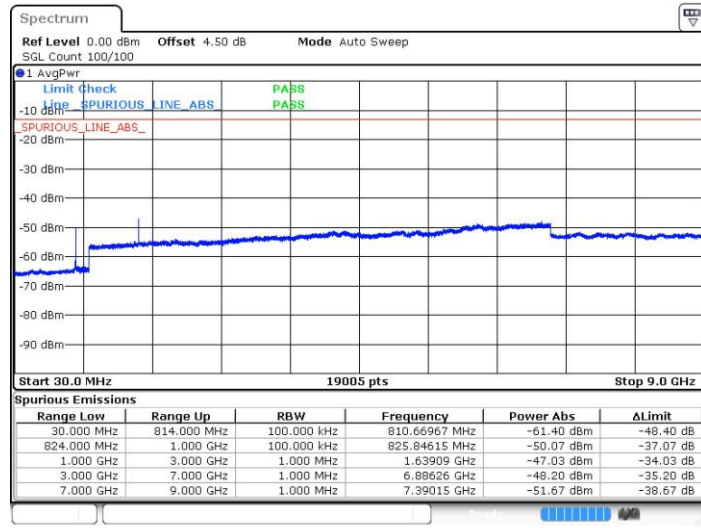
Middle Channel / 64QAM



Date: 16.FEB.2019 19:58:08

Date: 16.FEB.2019 20:02:29

Highest Channel / 64QAM

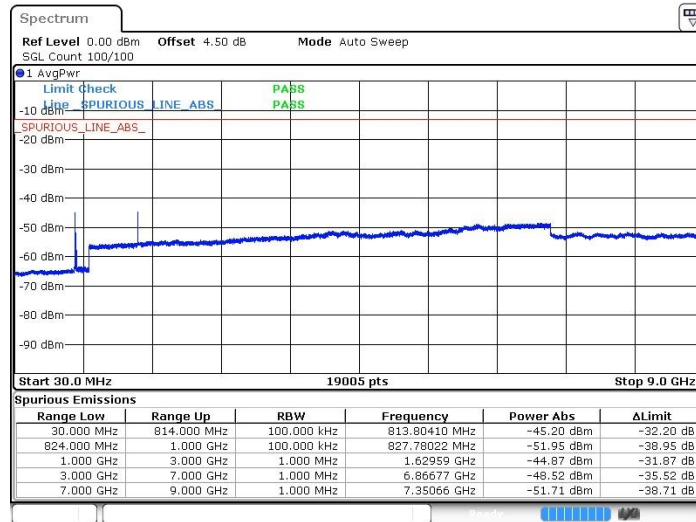


Date: 16.FEB.2019 20:02:57



LTE Band 26 / 10MHz

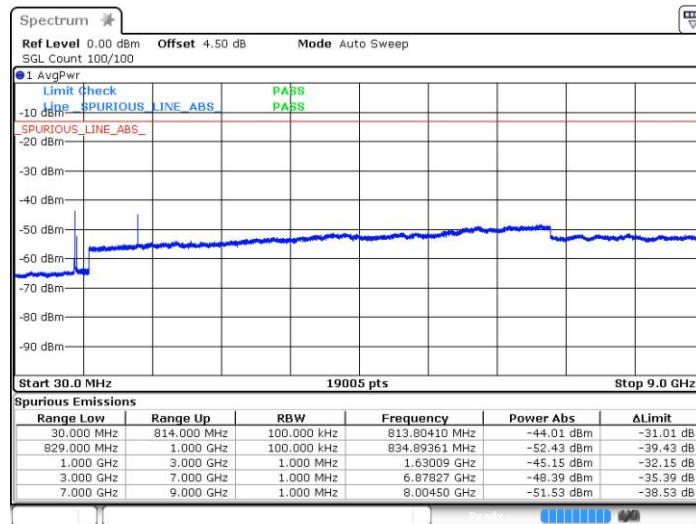
Middle Channel / 64QAM



Date: 16.FEB.2019 19:53:56

LTE Band 26 / 15MHz

Lowest Channel / 64QAM



Date: 16.FEB.2019 19:43:39



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	0.0054	PASS
40	Normal Voltage	0.0085	
30	Normal Voltage	0.0065	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0088	
-30	Normal Voltage	0.0062	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0073	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1630	-67.59	-13	-54.59	-68.80	2.32	5.68	H
	2444	-63.82	-13	-50.82	-64.45	3.02	5.80	H
	3258	-65.78	-13	-52.78	-68.24	3.27	7.88	H
	1630	-68.73	-13	-55.73	-69.94	2.32	5.68	V
	2444	-66.03	-13	-53.03	-66.66	3.02	5.80	V
	3258	-66.29	-13	-53.29	-68.75	3.27	7.88	V

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