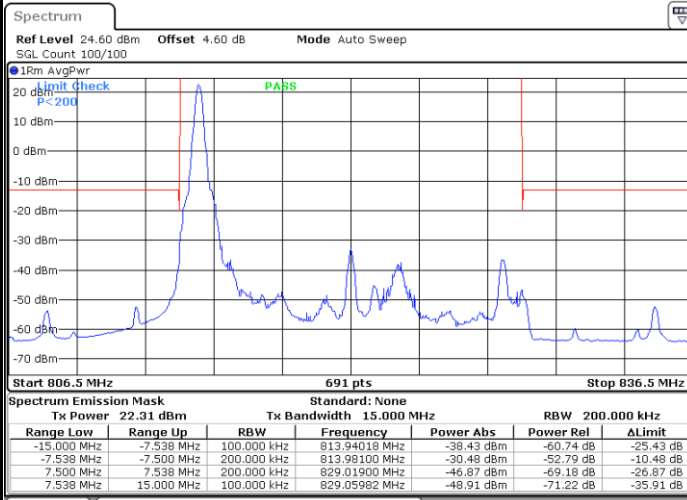




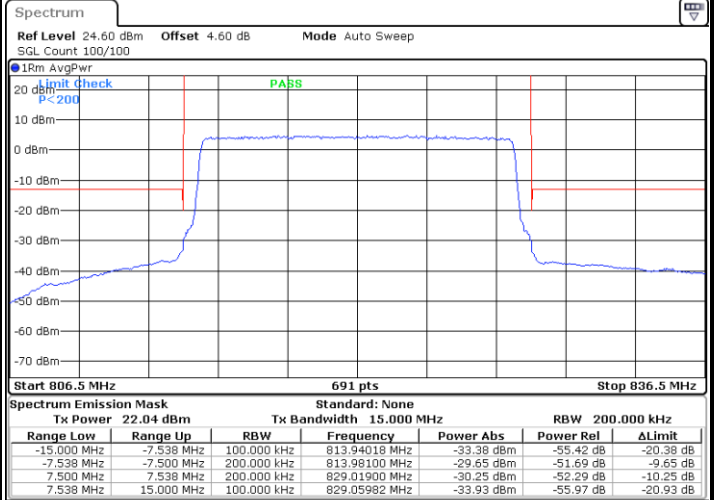
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 8 AUG 2019 01:18:55

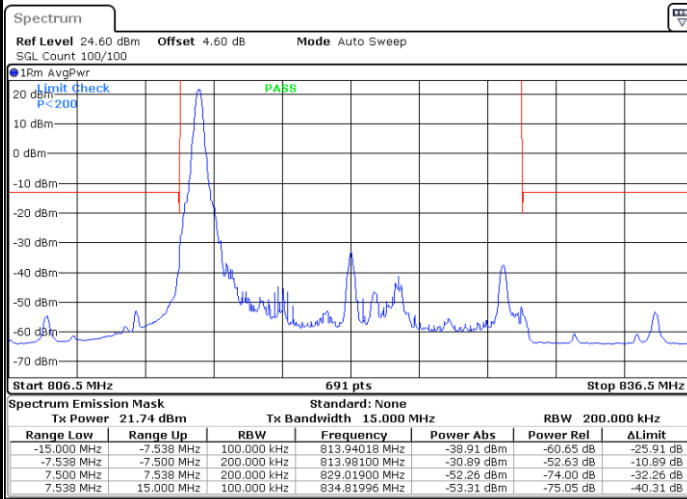
Lowest Band Edge / Full RB



Date: 8 AUG 2019 01:06:32

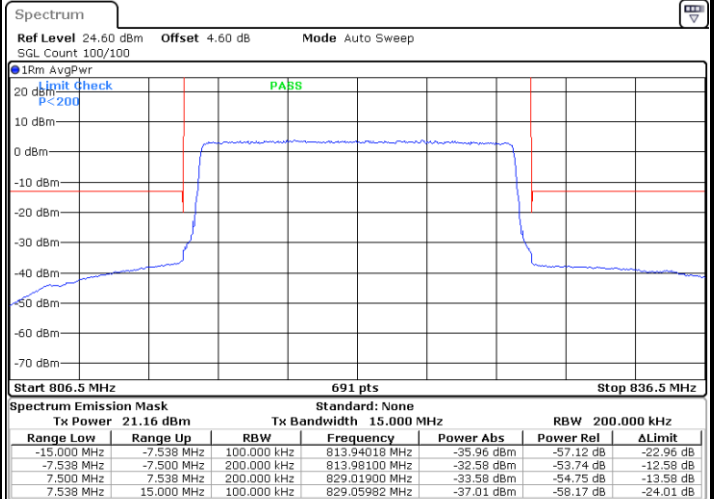
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 8 AUG 2019 01:16:00

Lowest Band Edge / Full RB

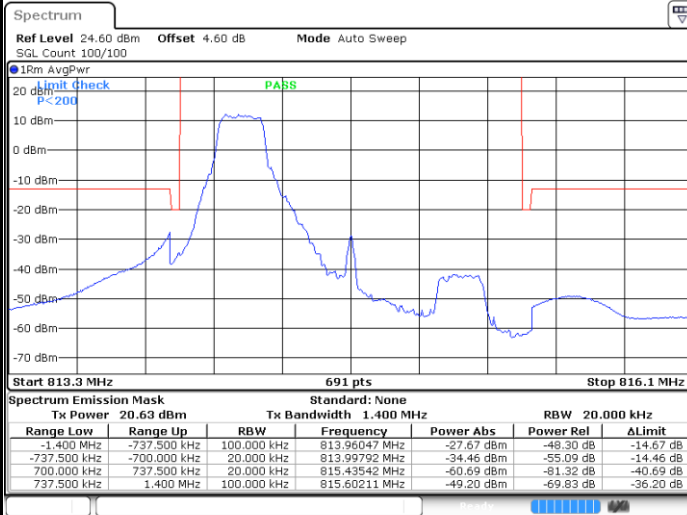


Date: 8 AUG 2019 01:09:47



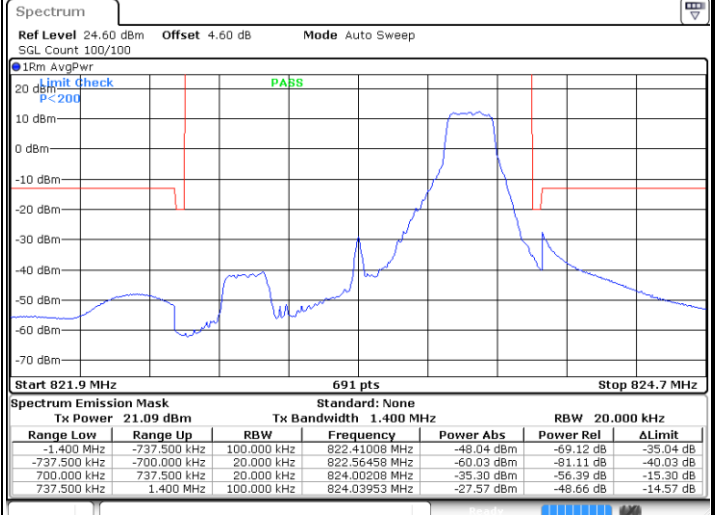
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1RB



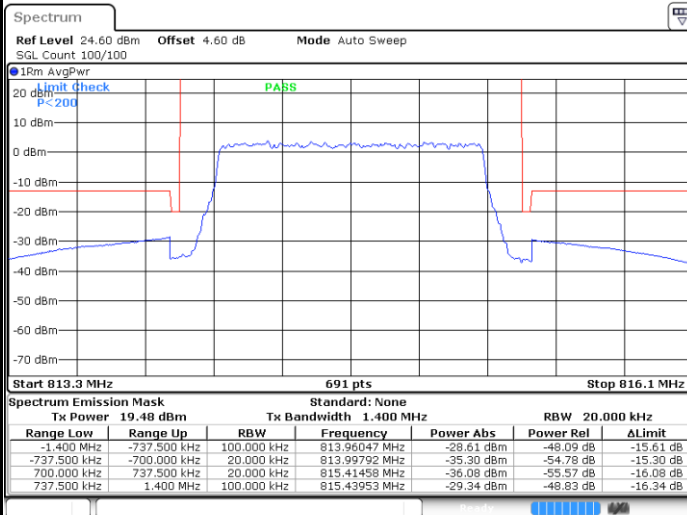
Date: 13 AUG 2019 03:43:43

Highest Band Edge / 1RB



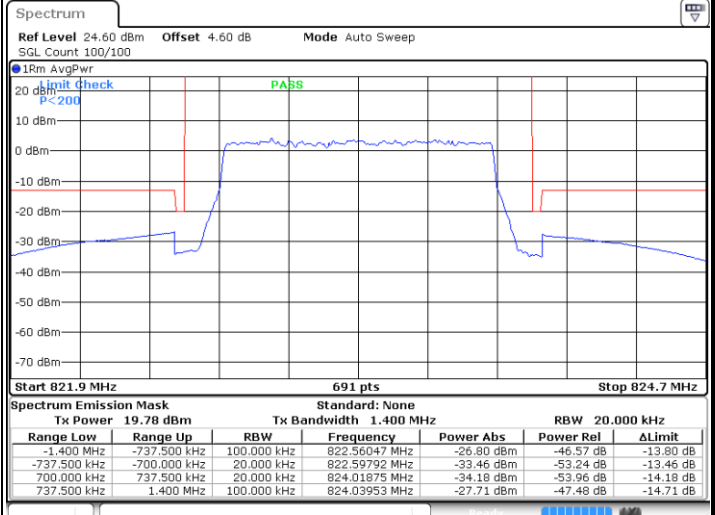
Date: 13 AUG 2019 03:57:34

Lowest Band Edge / Full RB



Date: 13 AUG 2019 03:44:04

Highest Band Edge / Full RB

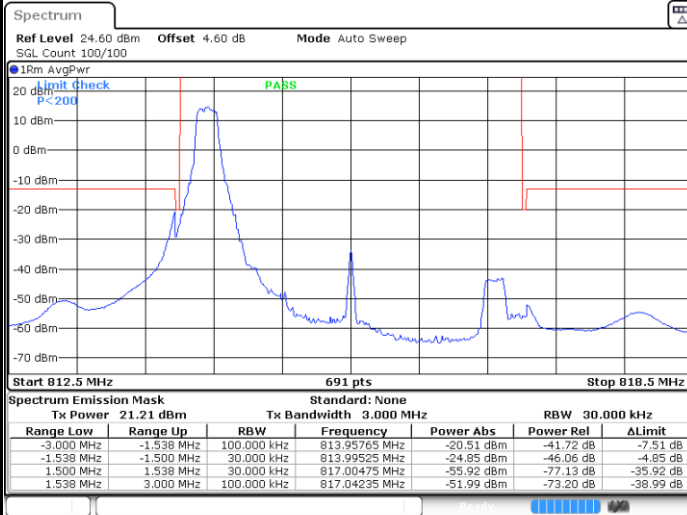


Date: 13 AUG 2019 03:57:11



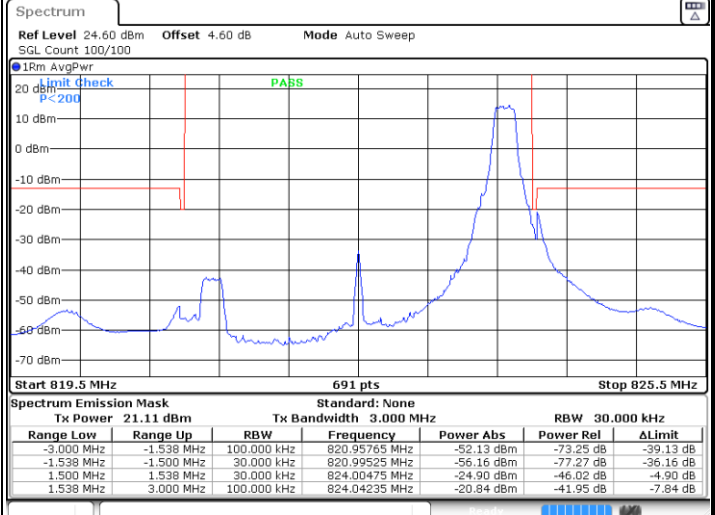
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1RB



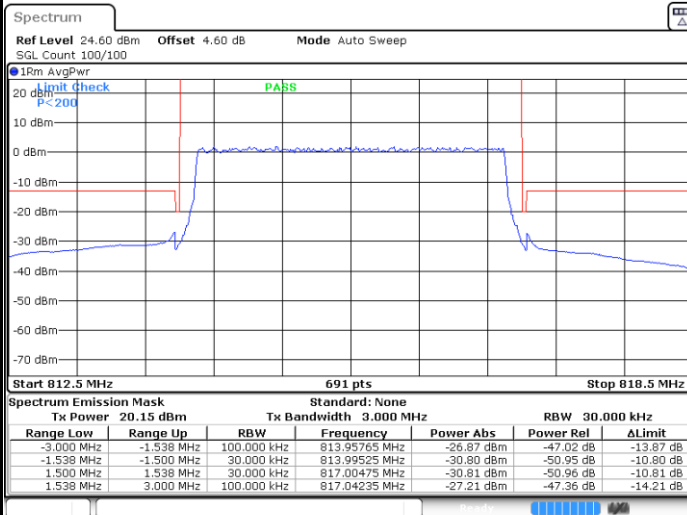
Date: 7.AUG.2019 23:54:38

Highest Band Edge / 1RB



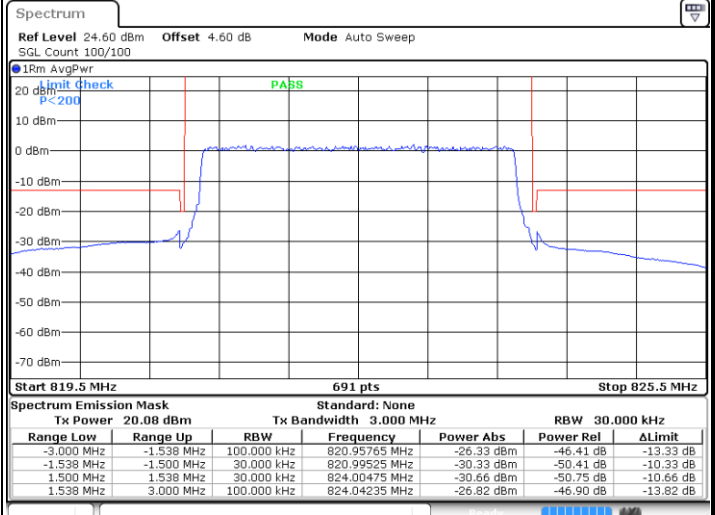
Date: 8.AUG.2019 00:13:40

Lowest Band Edge / Full RB



Date: 7.AUG.2019 23:58:27

Highest Band Edge / Full RB

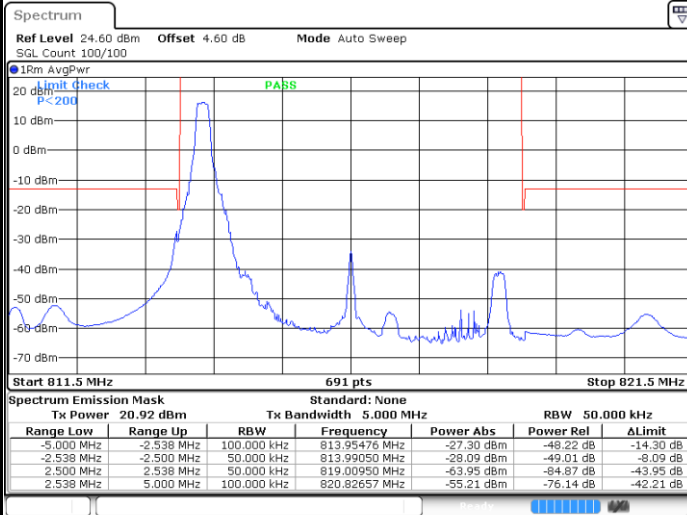


Date: 8.AUG.2019 00:25:31



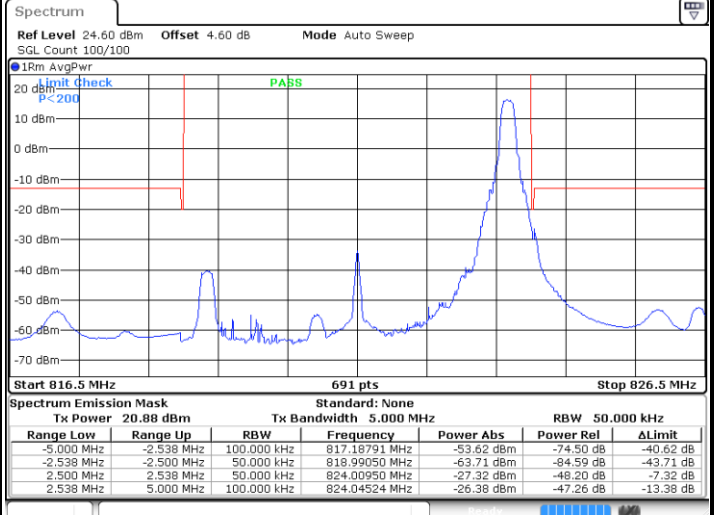
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



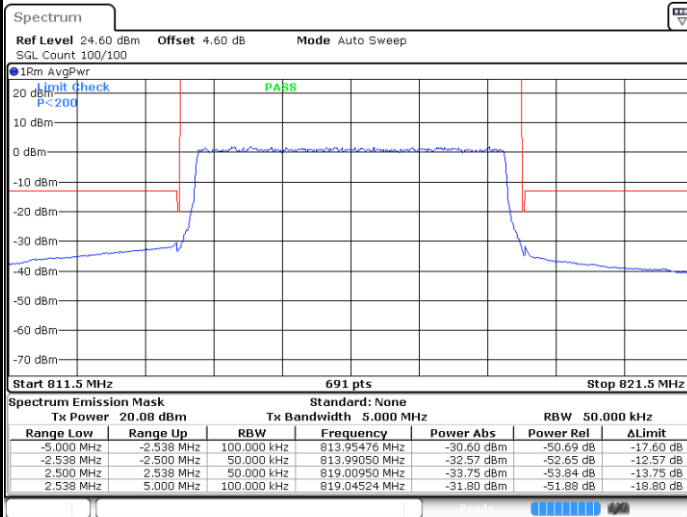
Date: 8 AUG 2019 00:33:40

Highest Band Edge / 1RB



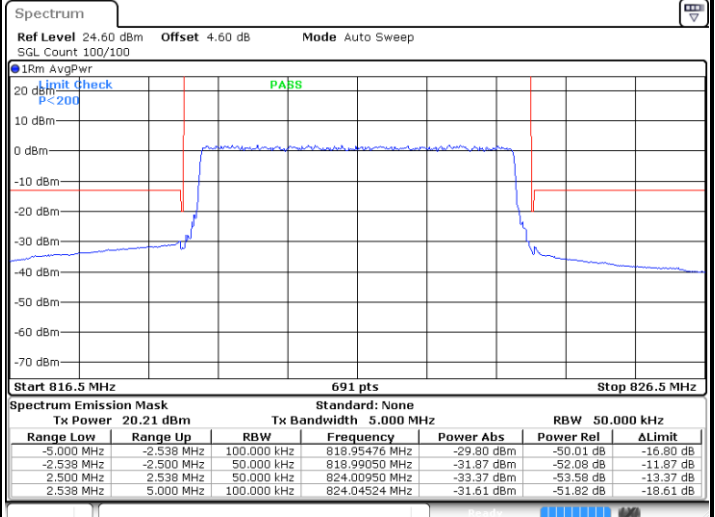
Date: 8 AUG 2019 00:49:00

Lowest Band Edge / Full RB



Date: 8 AUG 2019 00:31:37

Highest Band Edge / Full RB



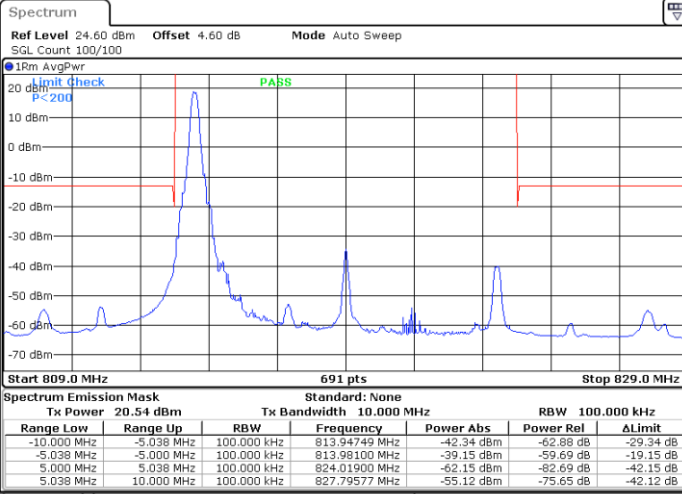
Date: 8 AUG 2019 00:47:59



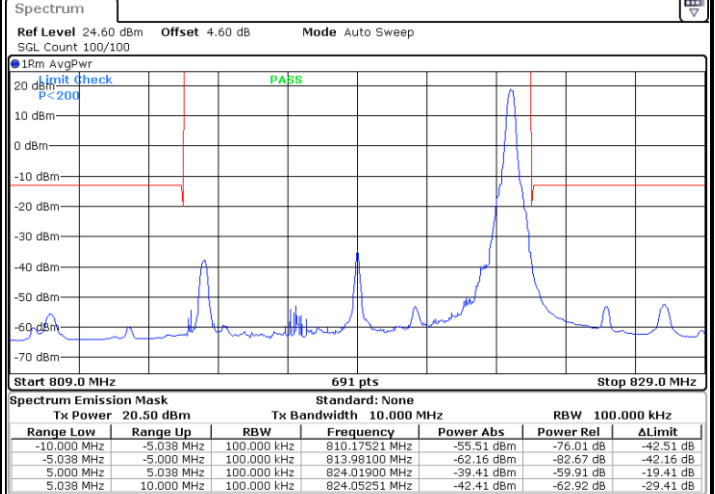
LTE Band 26 / 10MHz / 64QAM

Middle Band Edge / 1 RB0

Middle Band Edge / 1 RBmax

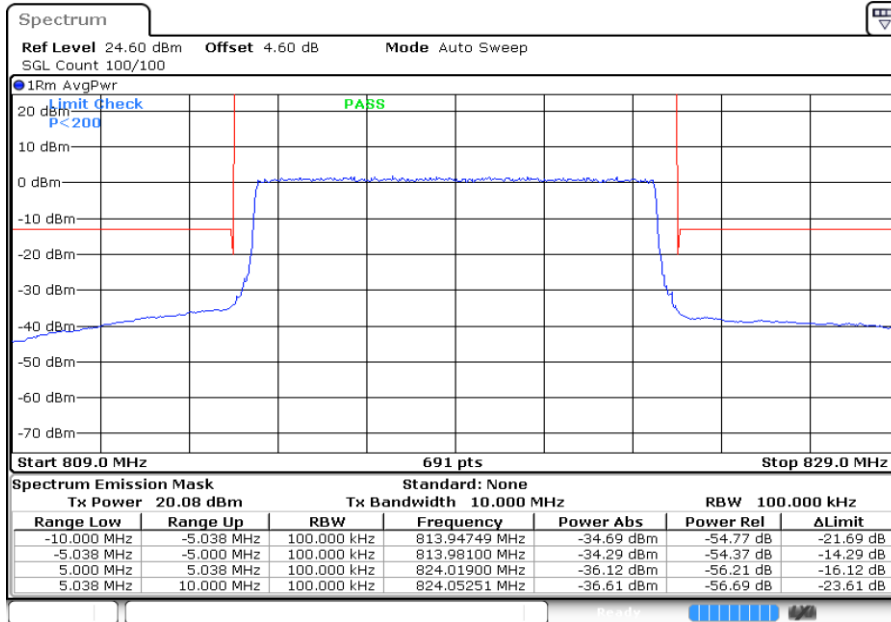


Date: 8.AUG.2019 00:57:44



Date: 8.AUG.2019 01:04:45

Middle Band Edge / Full RB



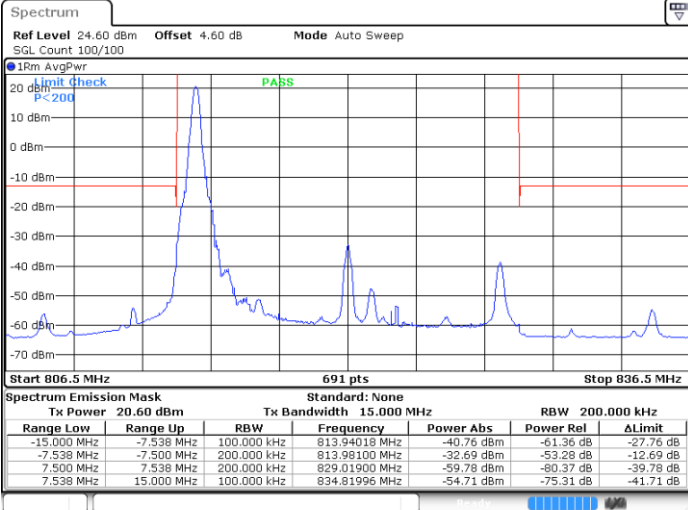
Date: 8.AUG.2019 00:56:45



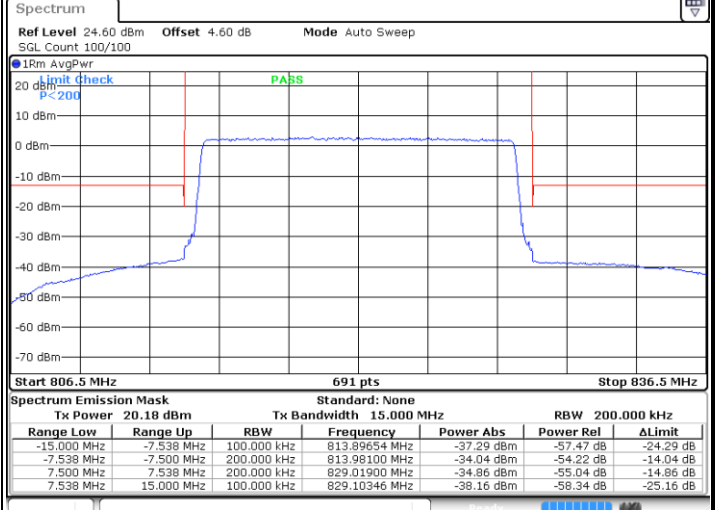
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB0

Lowest Band Edge / Full RB



Date: 8 AUG 2019 01:12:33



Date: 8 AUG 2019 01:11:36



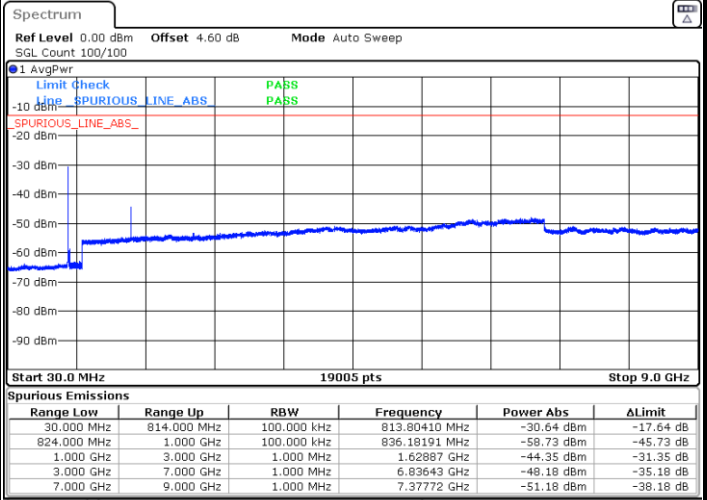
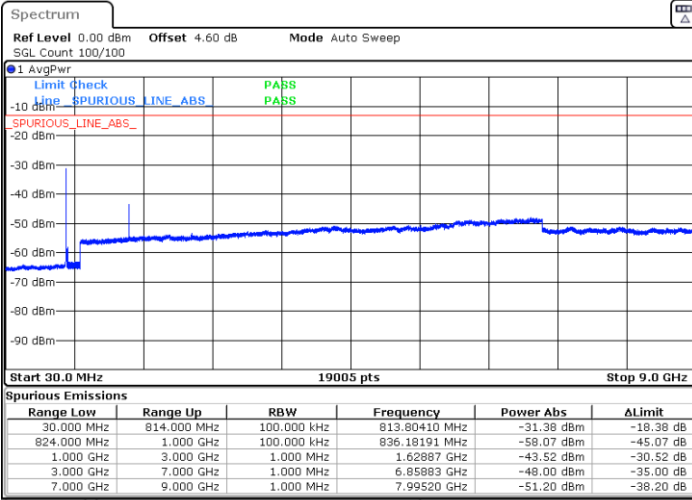
## **Conducted Spurious Emission**



LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

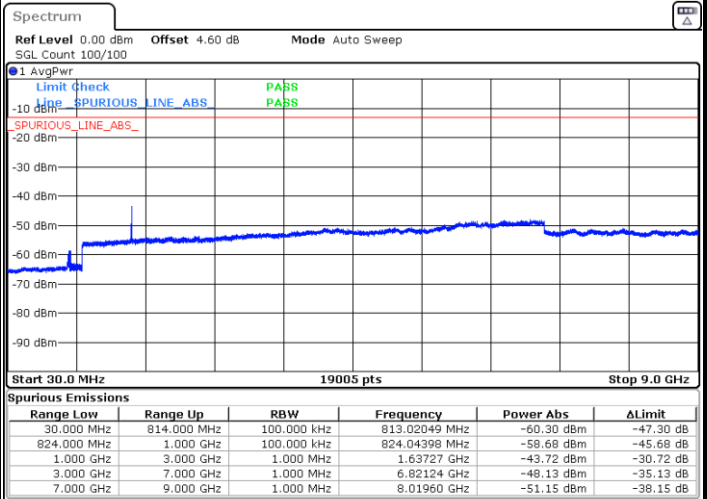
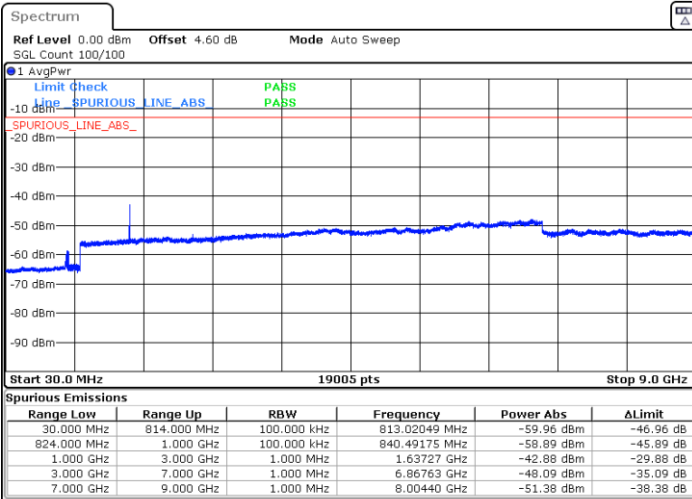


Date: 7.AUG.2019 23:41:39

Date: 7.AUG.2019 23:38:46

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 7.AUG.2019 23:42:19

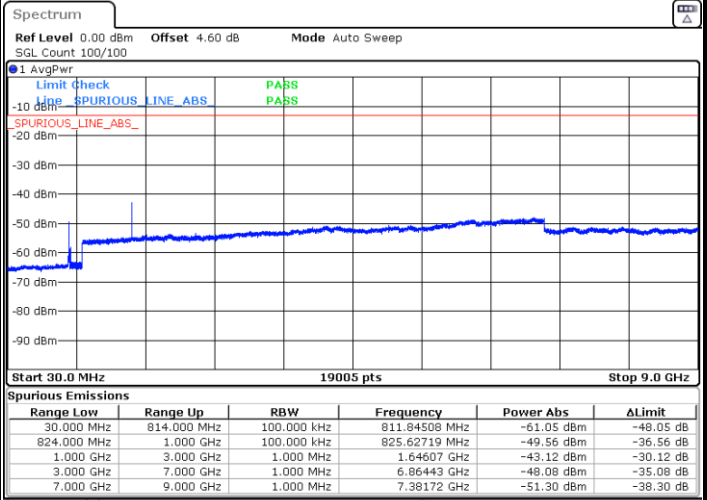
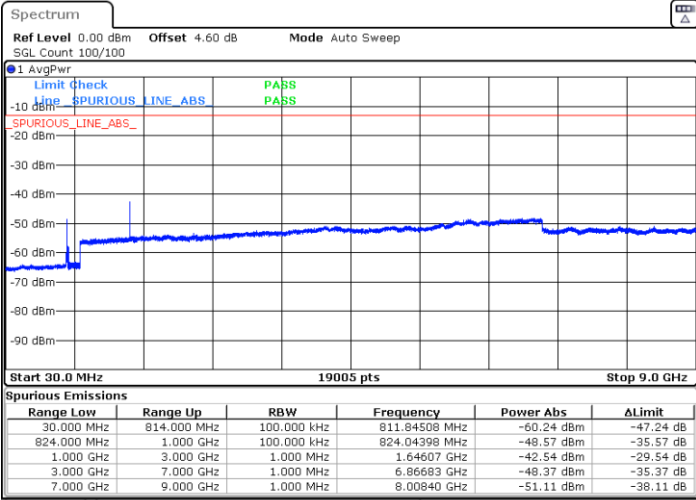
Date: 7.AUG.2019 23:43:18



LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



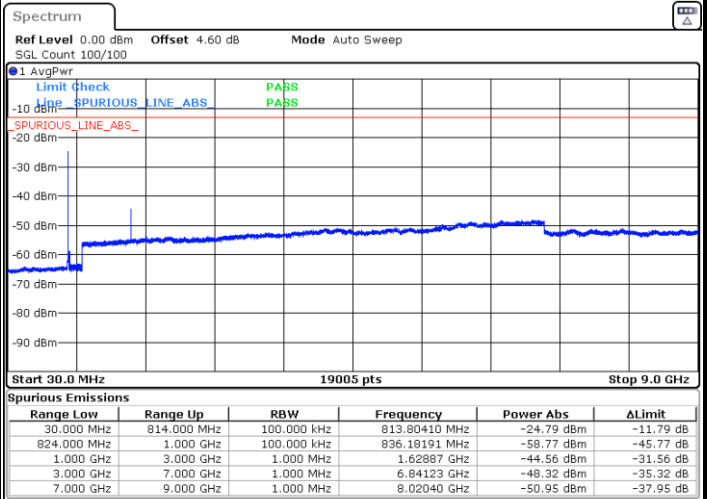
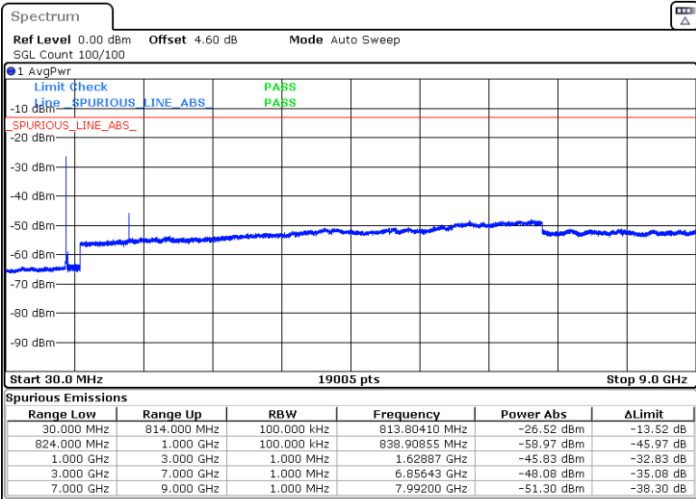
Date: 7.AUG.2019 23:49:09

Date: 7.AUG.2019 23:48:19

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 7.AUG.2019 23:51:09

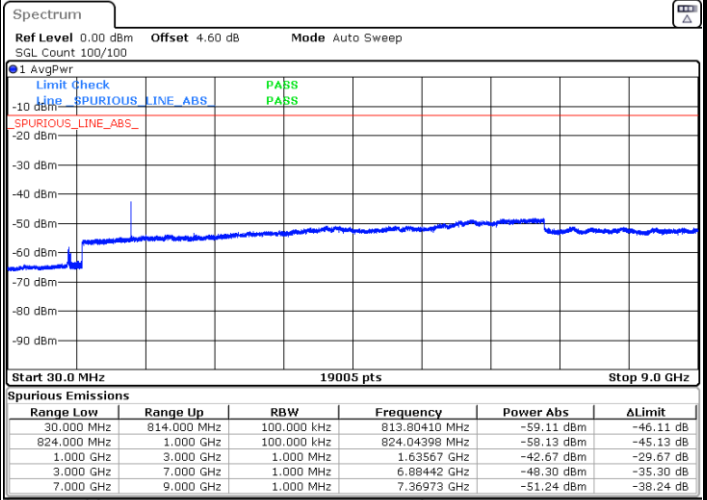
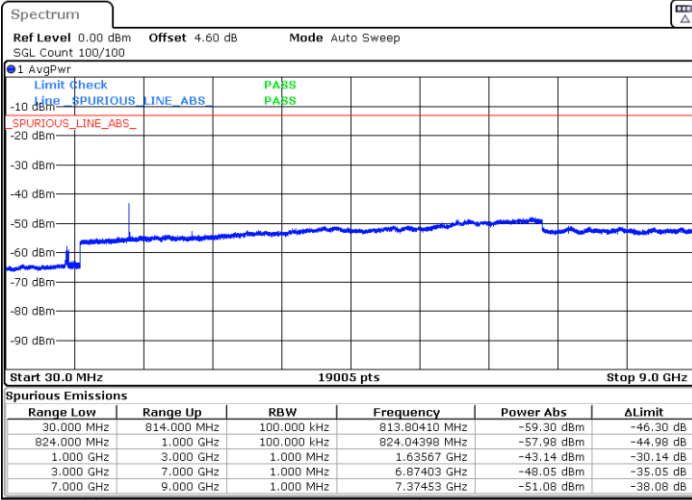
Date: 7.AUG.2019 23:52:59



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

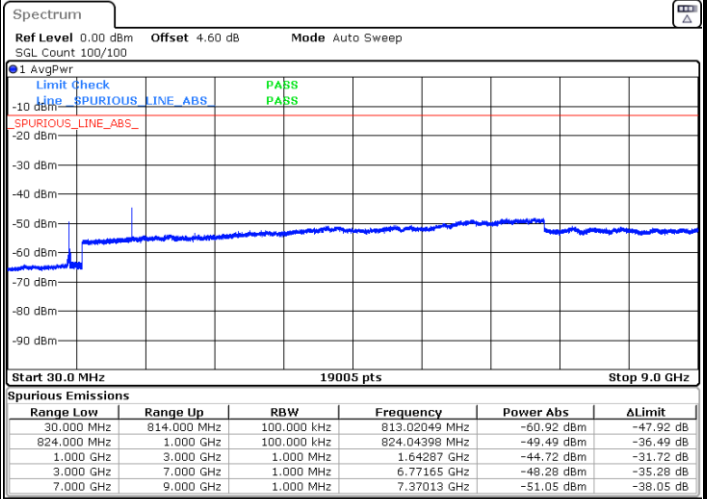
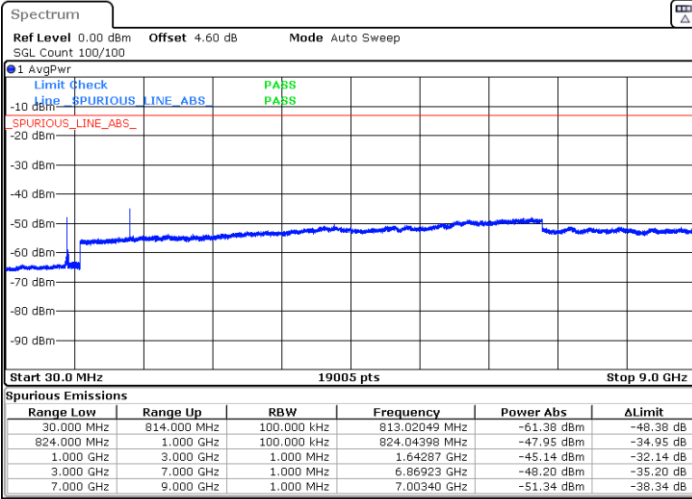


Date: 8.AUG.2019 00:10:45

Date: 8.AUG.2019 00:10:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.AUG.2019 00:11:14

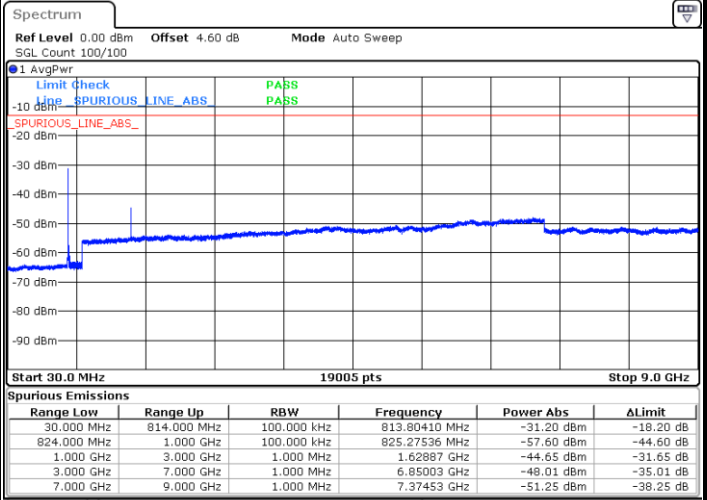
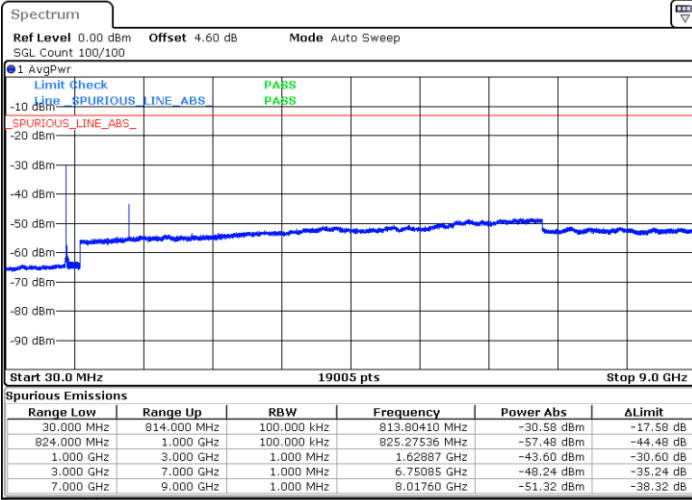
Date: 8.AUG.2019 00:11:37



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

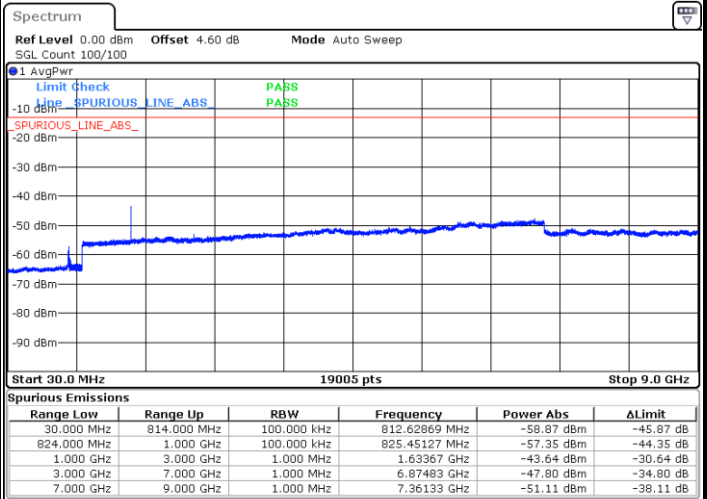
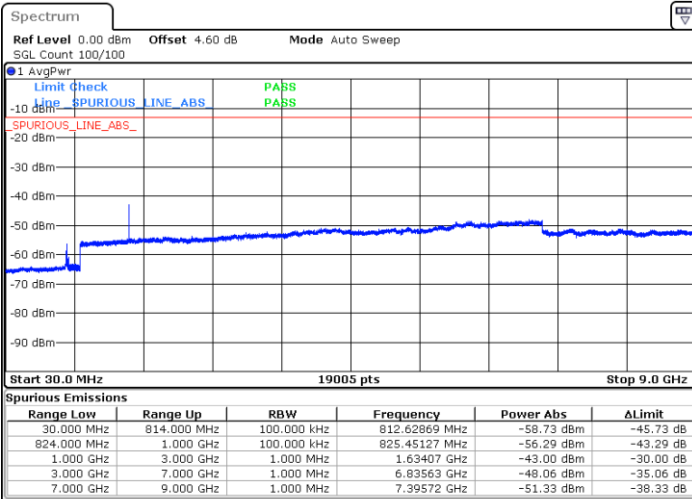


Date: 8.AUG.2019 00:39:39

Date: 8.AUG.2019 00:37:24

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8.AUG.2019 00:40:07

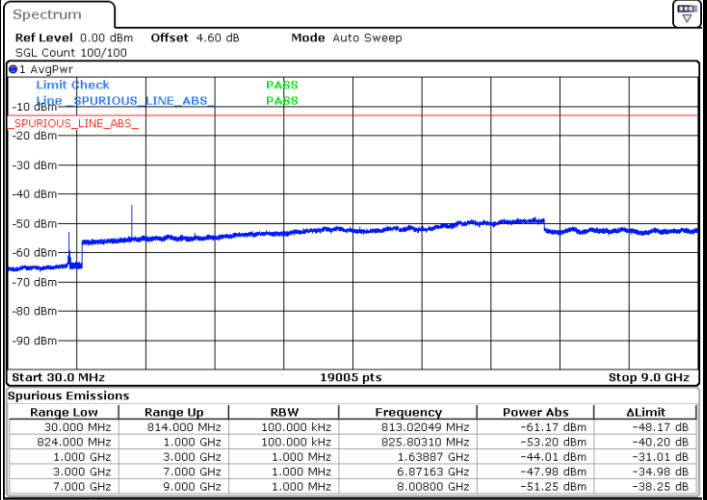
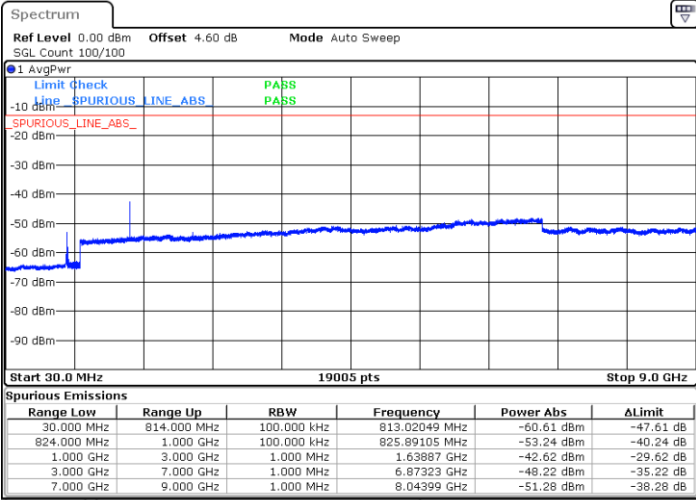
Date: 8.AUG.2019 00:40:31



LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



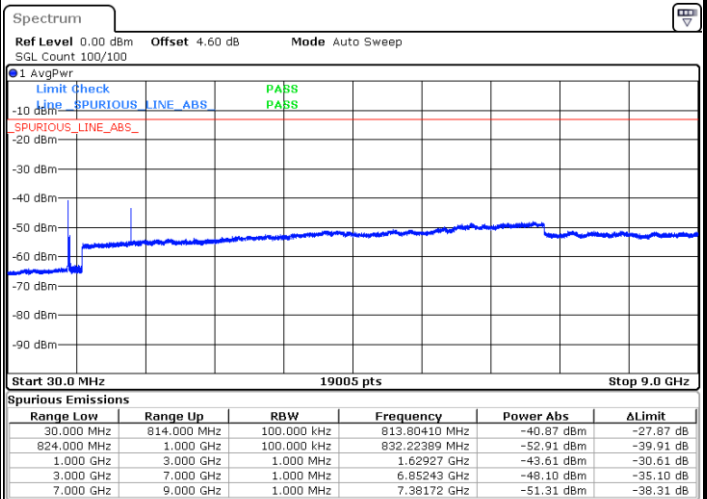
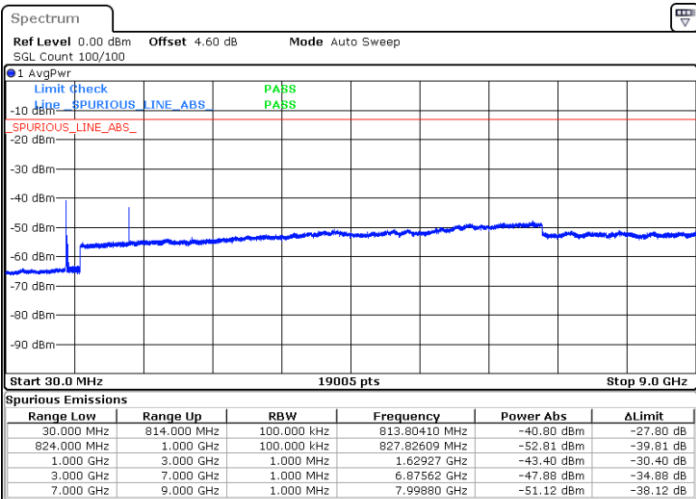
Date: 8 AUG.2019 00:51:20

Date: 8 AUG.2019 00:51:41

LTE Band 26 / 10MHz

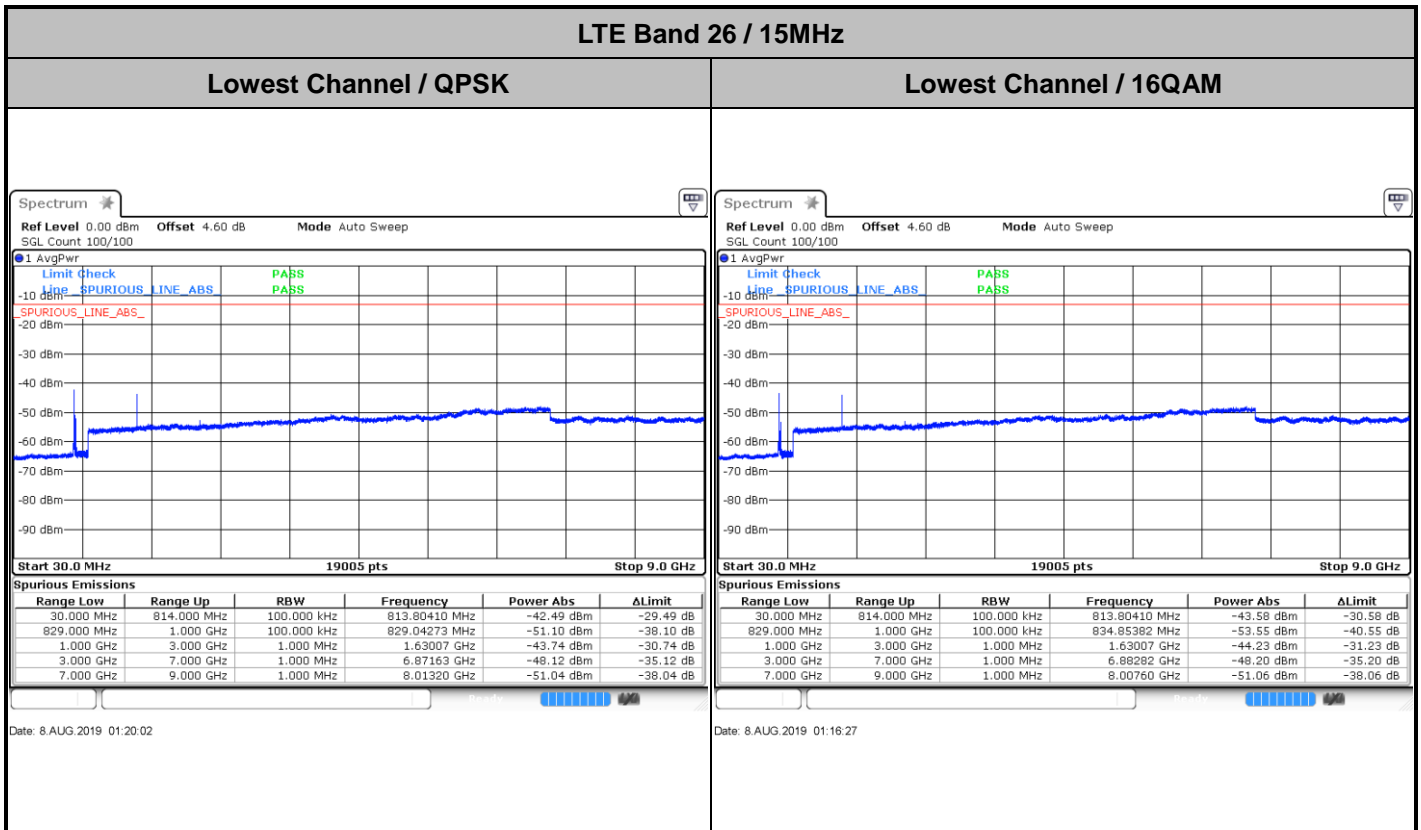
Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 AUG.2019 01:01:03

Date: 8 AUG.2019 00:59:26

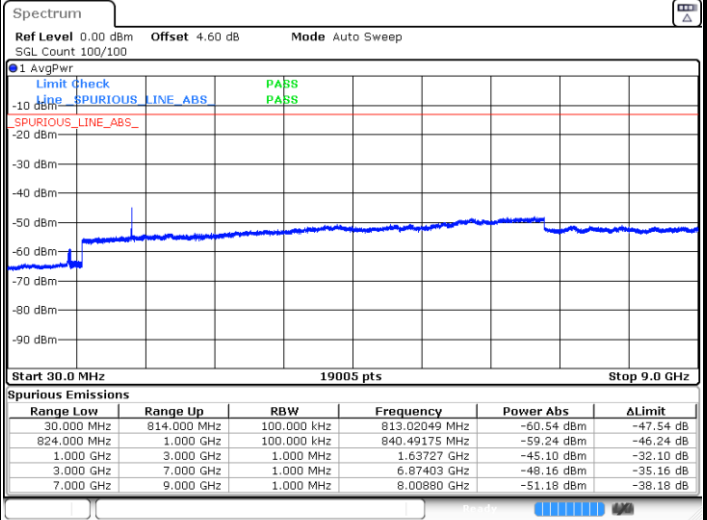
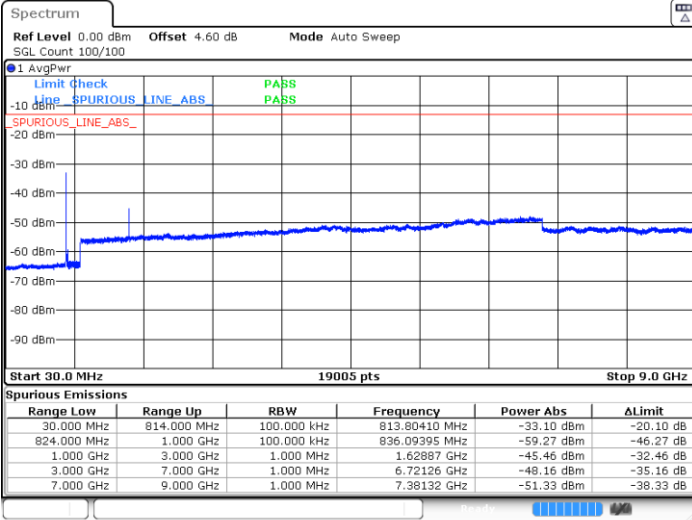




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

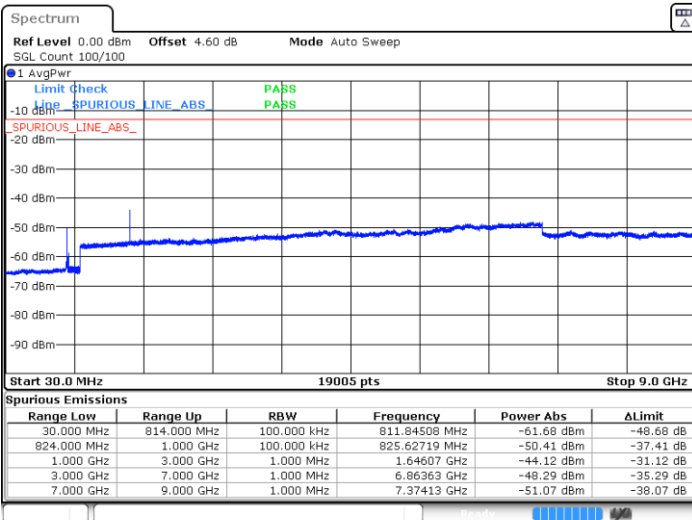
Middle Channel / 64QAM



Date: 7.AUG.2019 23:35:41

Date: 7.AUG.2019 23:43:41

Highest Channel / 64QAM



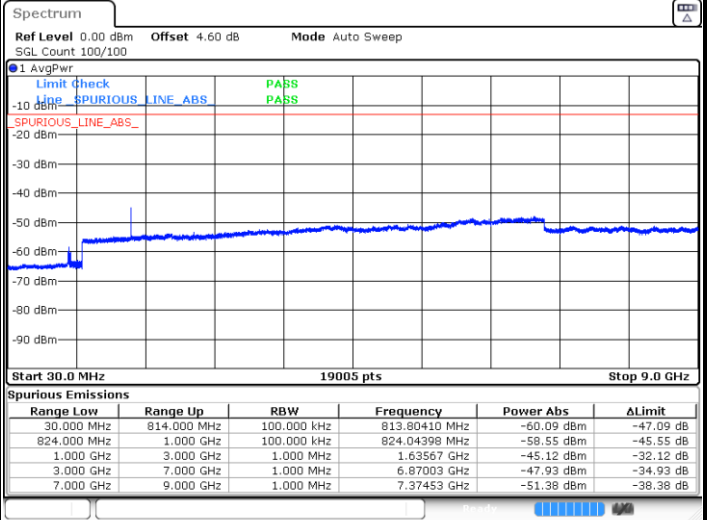
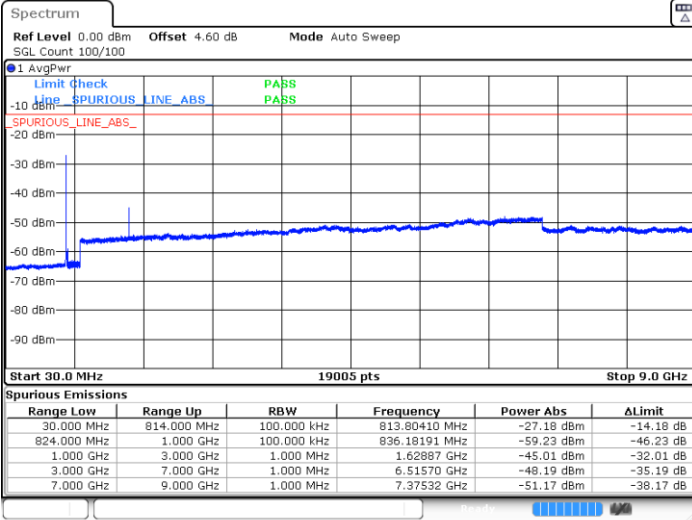
Date: 7.AUG.2019 23:47:52



LTE Band 26 / 3MHz

Lowest Channel / 64QAM

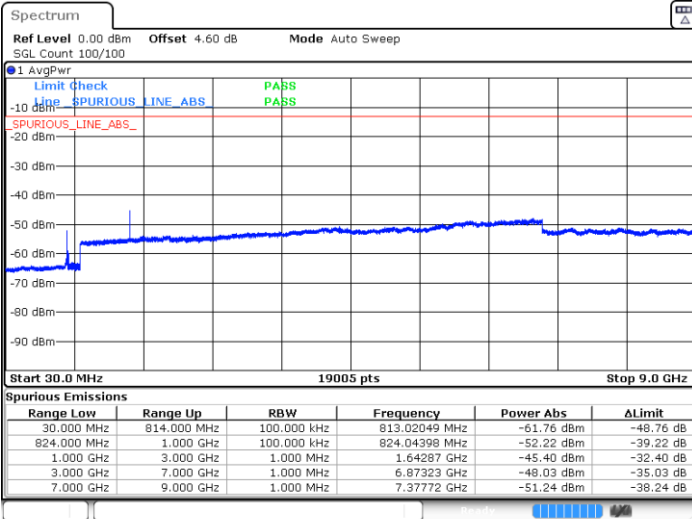
Middle Channel / 64QAM



Date: 7.AUG.2019 23:55:47

Date: 8.AUG.2019 00:09:56

Highest Channel / 64QAM



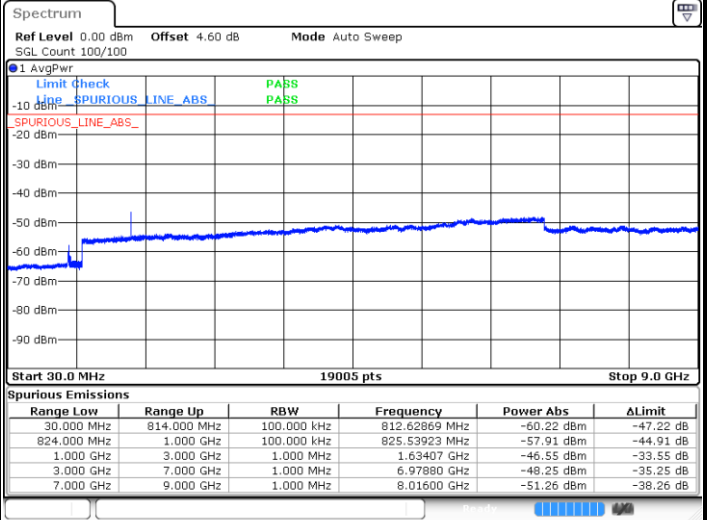
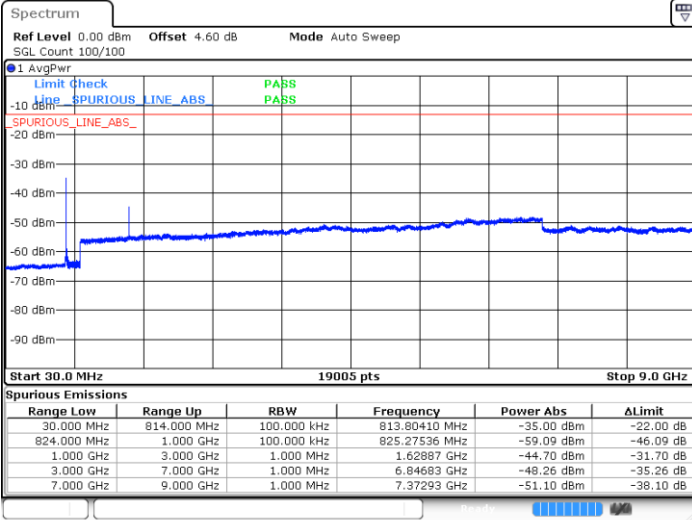
Date: 8.AUG.2019 00:12:13



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

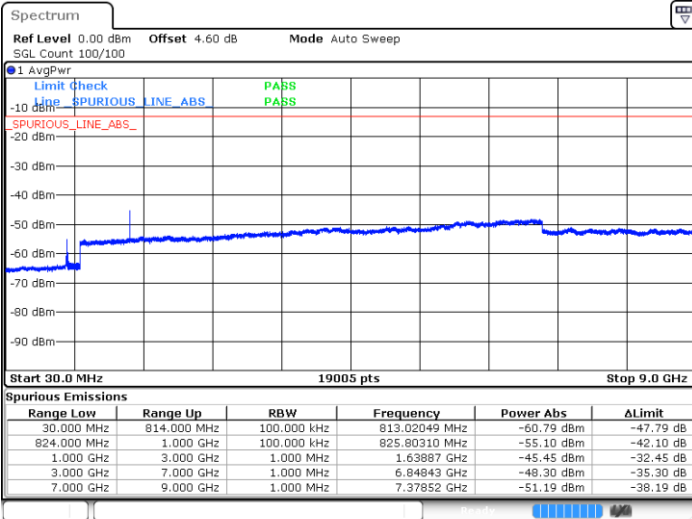
Middle Channel / 64QAM



Date: 8.AUG.2019 00:34:01

Date: 8.AUG.2019 00:40:54

Highest Channel / 64QAM

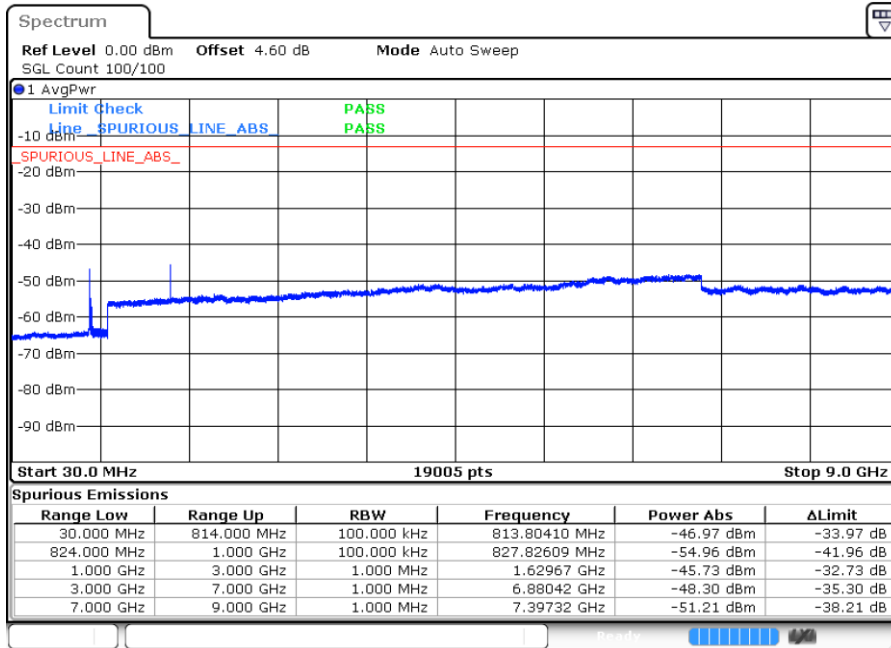


Date: 8.AUG.2019 00:52:10



LTE Band 26 / 10MHz

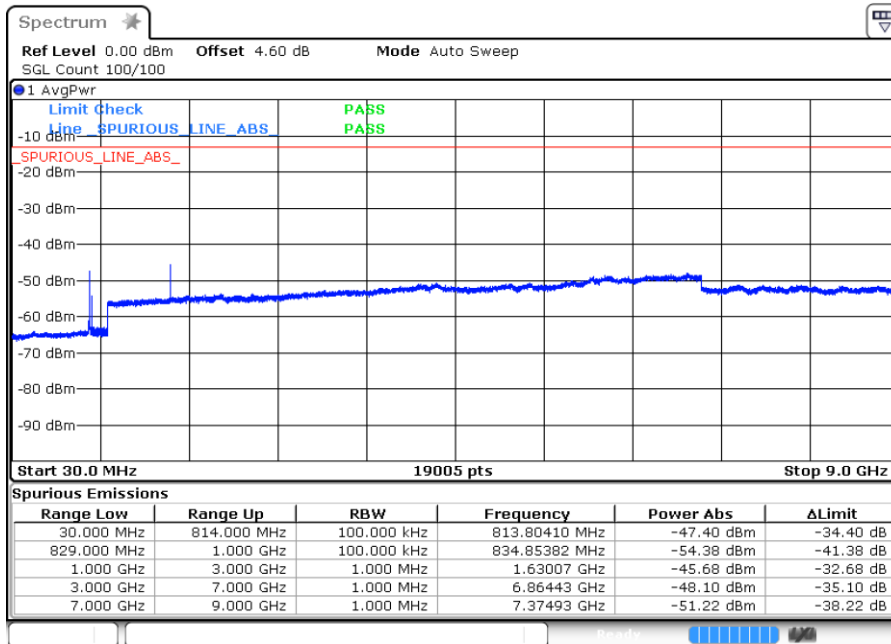
Middle Channel / 64QAM



Date: 8.AUG.2019 00:58:06

LTE Band 26 / 15MHz

Lowest Channel / 64QAM



Date: 8.AUG.2019 01:17:33



### 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	0.0052	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0064	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0088	
-30	Normal Voltage	0.0067	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0071	

**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								
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	1628	-68.05	-13	-55.05	-75.02	1.58	10.70	H
	2444	-57.25	-13	-44.25	-65.50	2.10	12.50	H
	3258	-64.13	-13	-51.13	-73.02	2.86	13.90	H
	1628	-67.88	-13	-54.88	-74.85	1.58	10.70	V
	2444	-51.72	-13	-38.72	-59.97	2.10	12.50	V
	3258	-64.02	-13	-51.02	-72.91	2.86	13.90	V

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