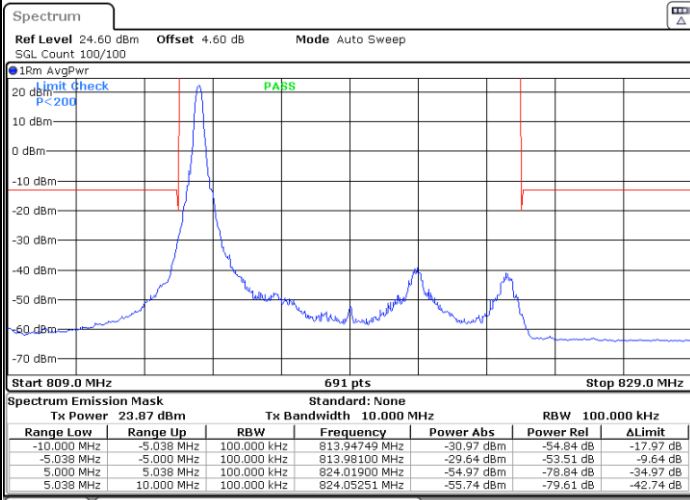




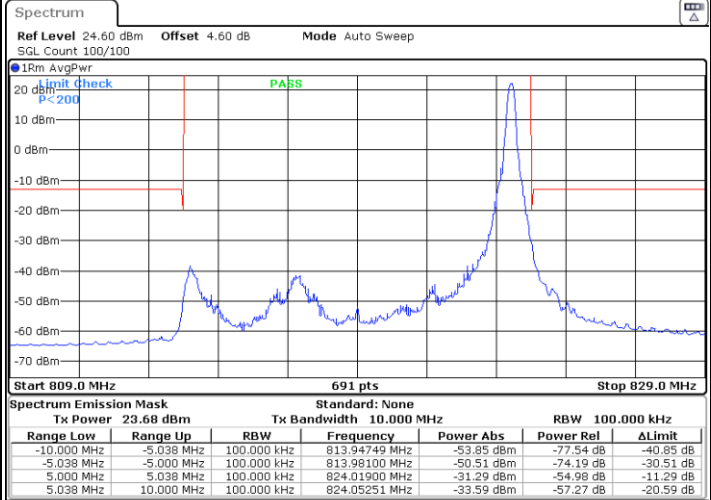
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

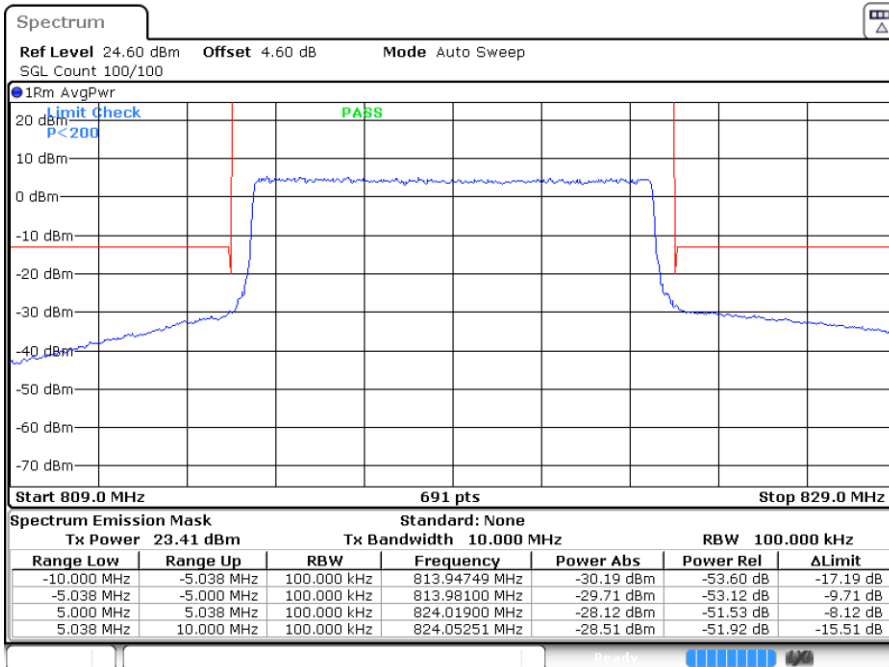


Date: 19 JUL 2019 14:34:07



Date: 19 JUL 2019 14:40:52

Band Edge / Full RB

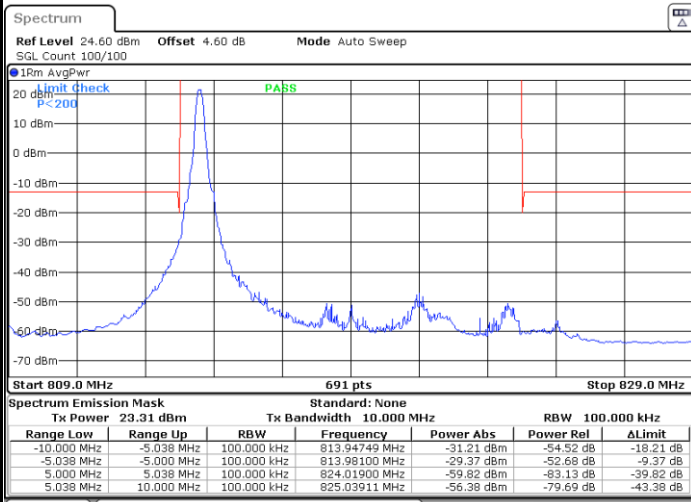


Date: 19 JUL 2019 14:37:29



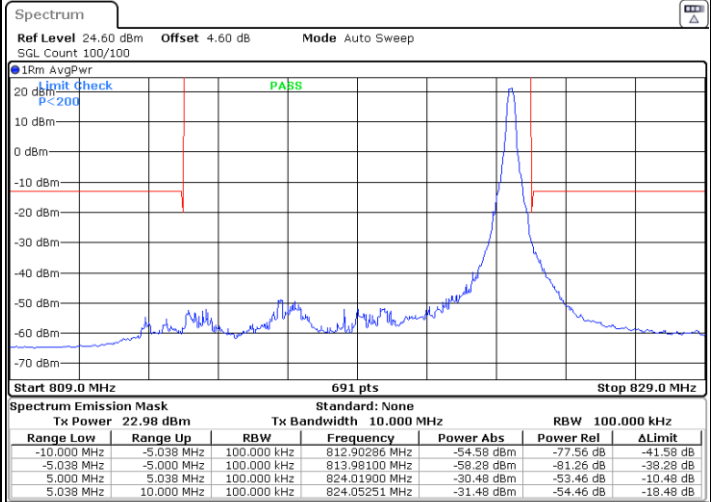
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



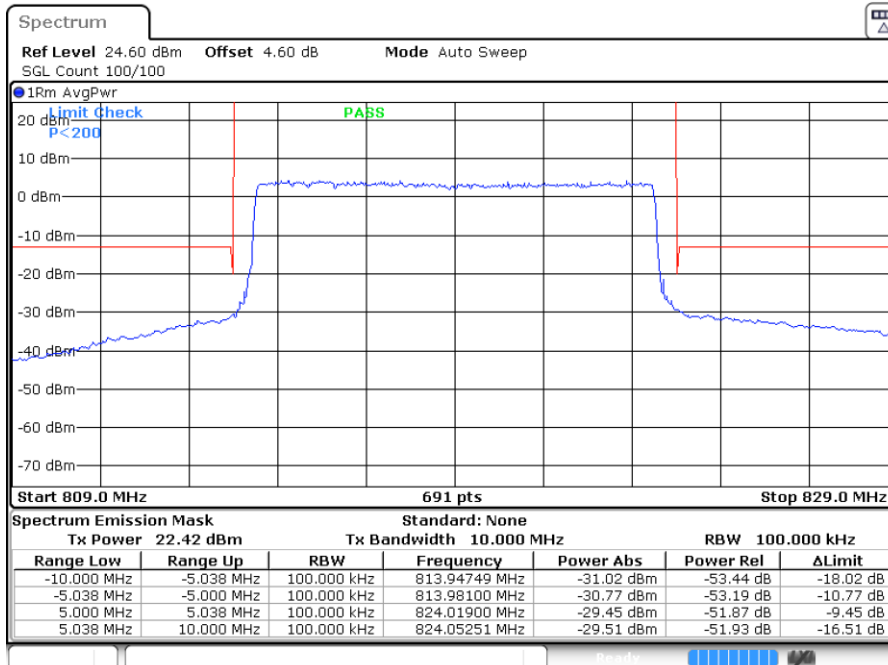
Date: 19 JUL 2019 14:33:00

Highest Band Edge / 1 RB



Date: 19 JUL 2019 14:39:44

Band Edge / Full RB

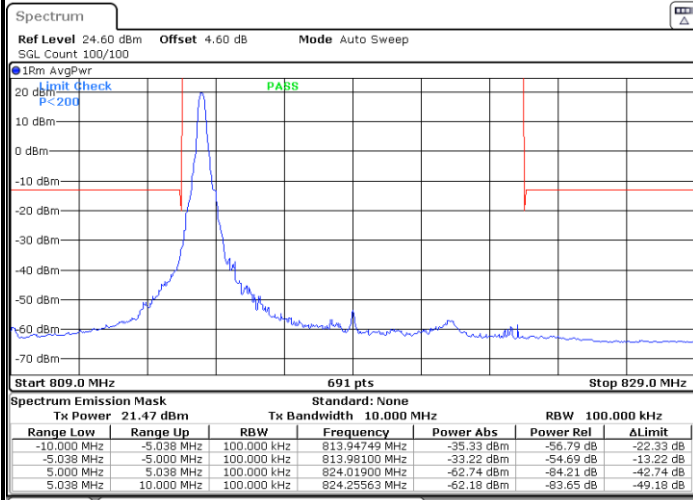


Date: 19 JUL 2019 14:36:22



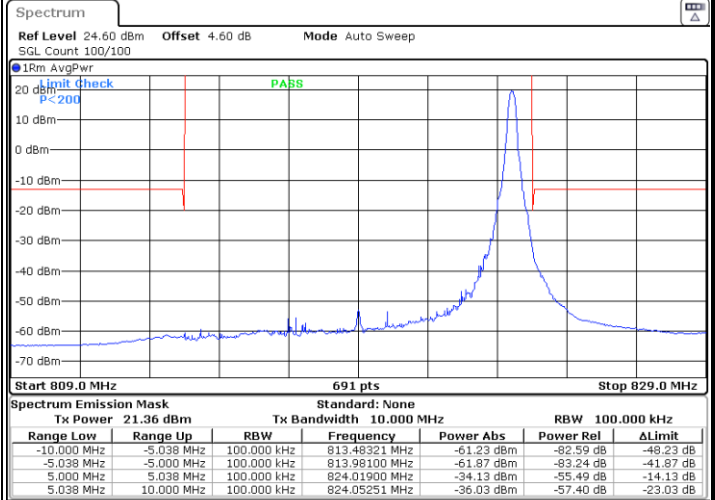
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



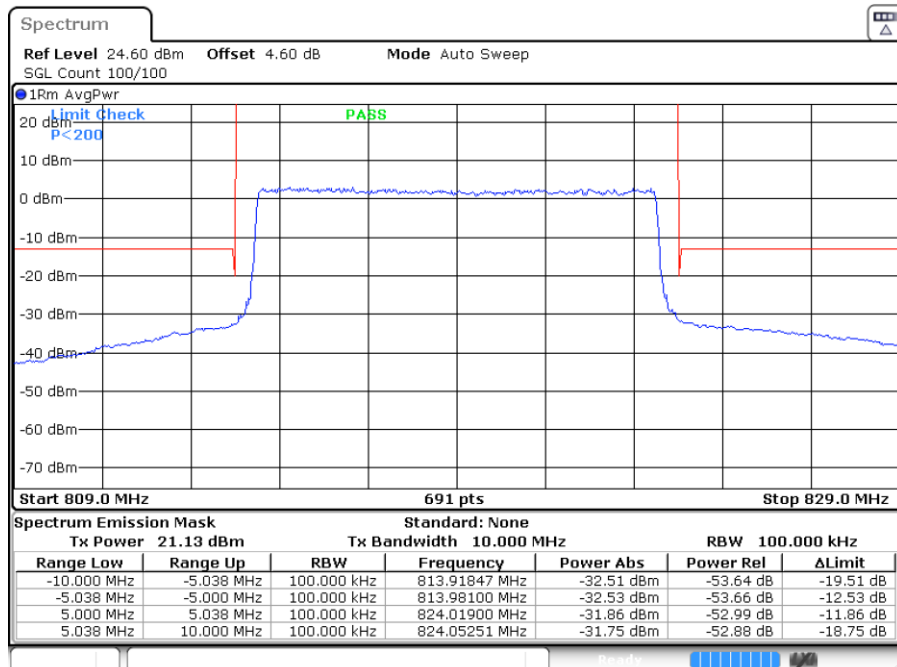
Date: 19 JUL 2019 14:35:14

Highest Band Edge / 1 RB



Date: 19 JUL 2019 14:41:59

Band Edge / Full RB

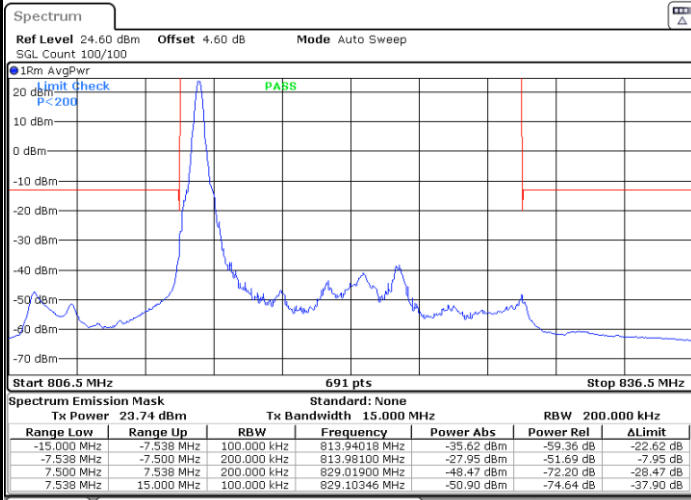


Date: 19 JUL 2019 14:38:37



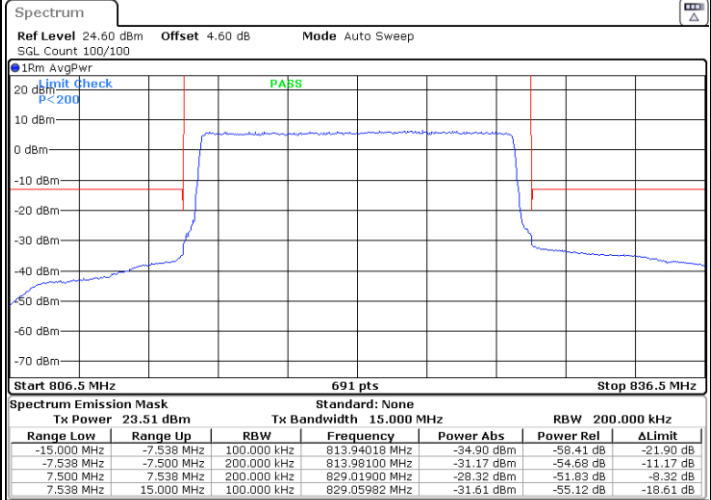
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 19 JUL 2019 14:44:14

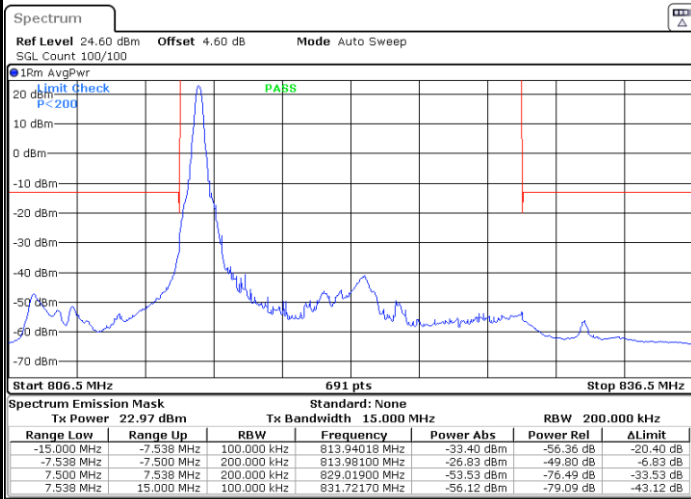
Lowest Band Edge / Full RB



Date: 19 JUL 2019 14:47:37

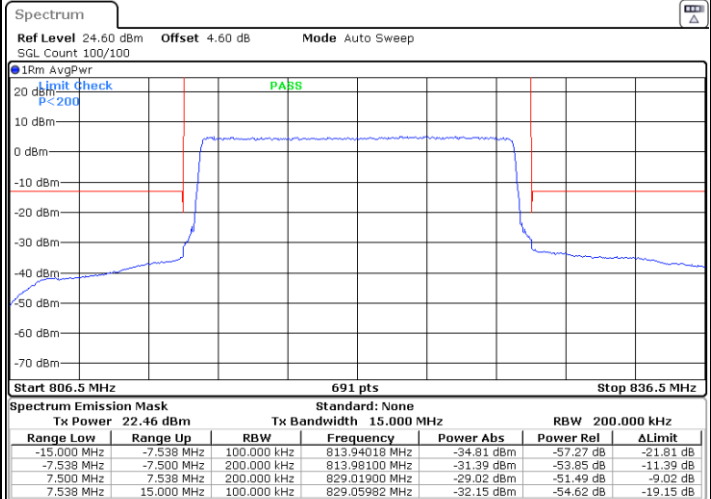
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 19 JUL 2019 14:43:07

Lowest Band Edge / Full RB



Date: 19 JUL 2019 14:46:29



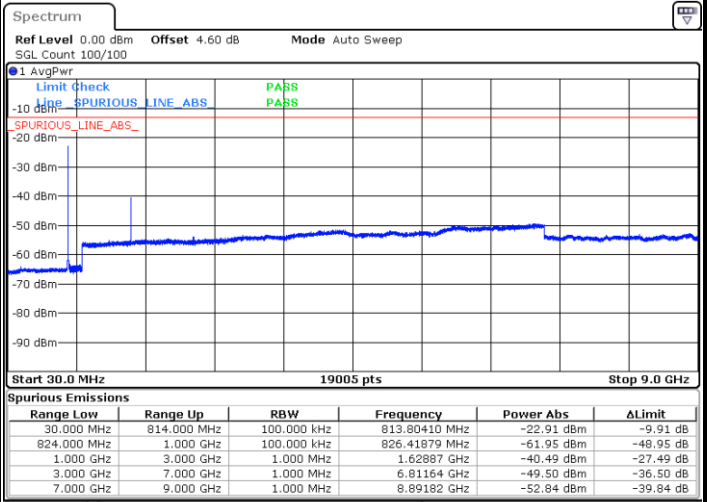
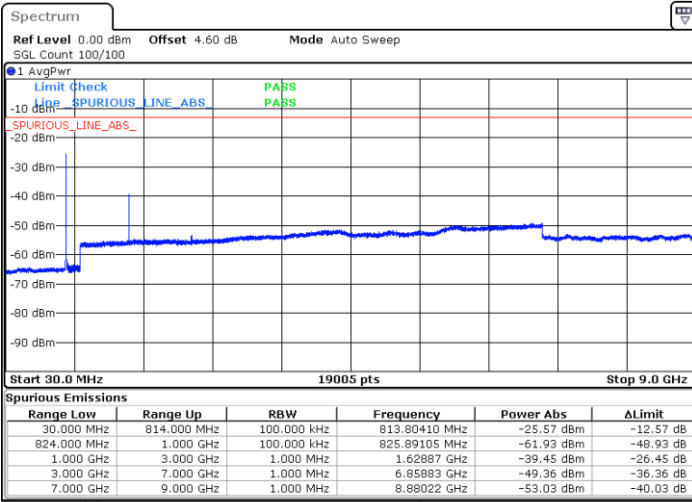
Conducted Spurious Emission



LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

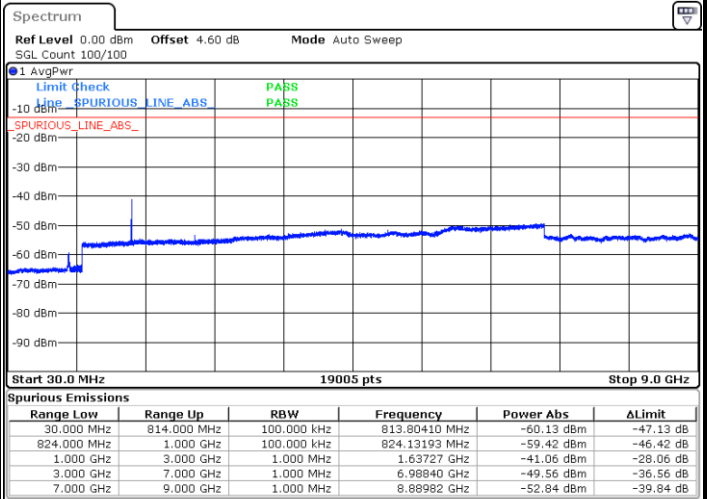
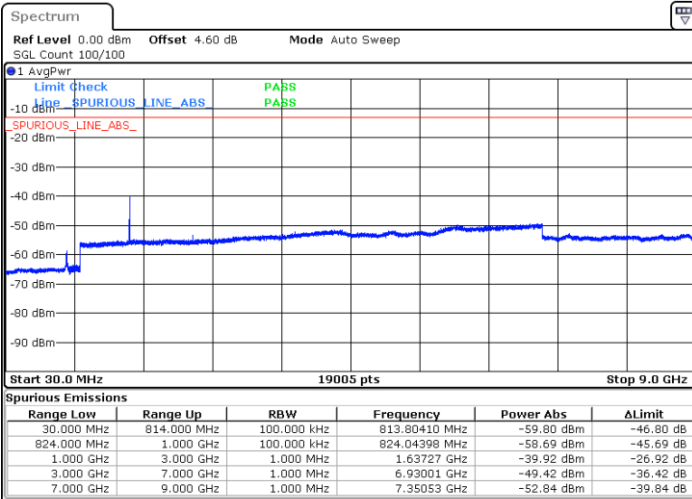


Date: 19.JUL.2019 11:13:22

Date: 19.JUL.2019 11:14:16

Middle Channel / QPSK

Middle Channel / 16QAM



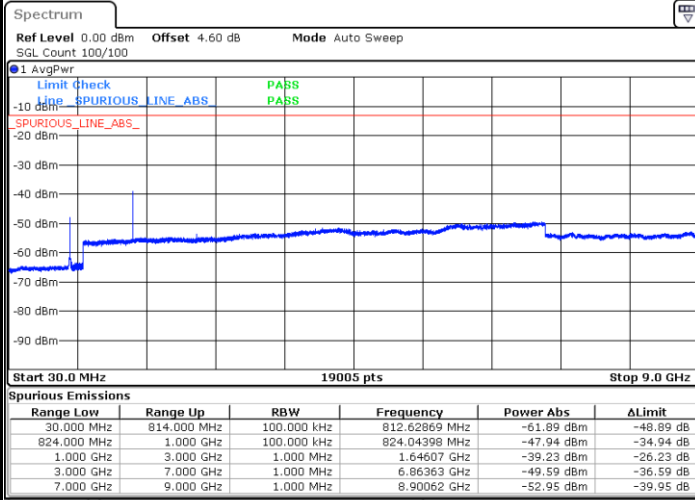
Date: 19.JUL.2019 11:16:03

Date: 19.JUL.2019 11:16:57



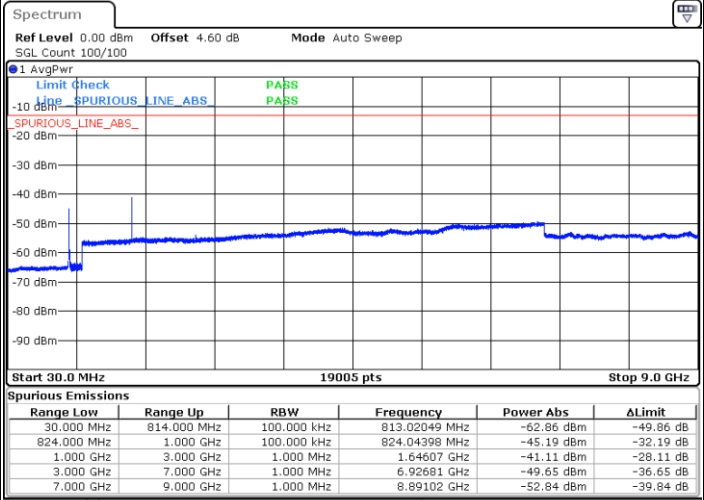
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 19 JUL 2019 11:18:44

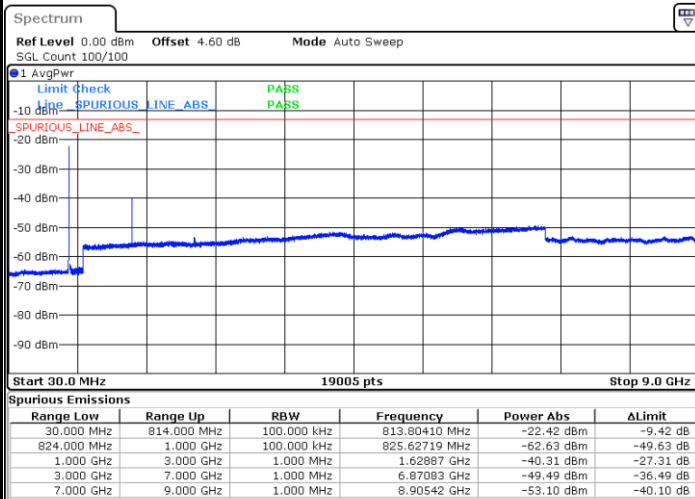
Highest Channel / 16QAM



Date: 19 JUL 2019 11:19:38

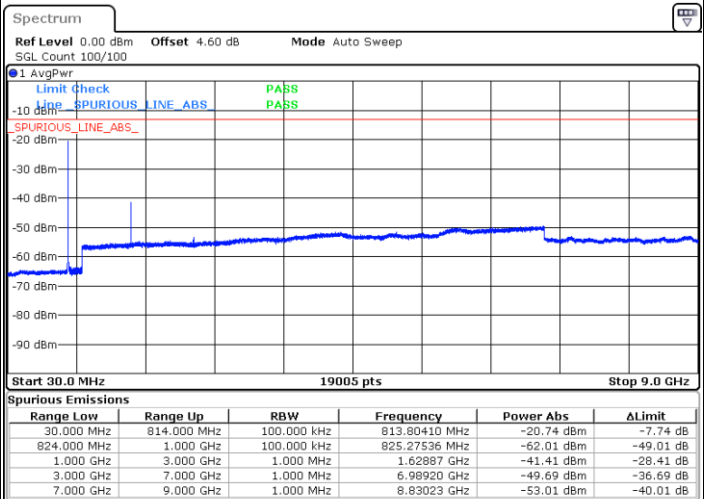
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 19 JUL 2019 11:21:25

Lowest Channel / 16QAM



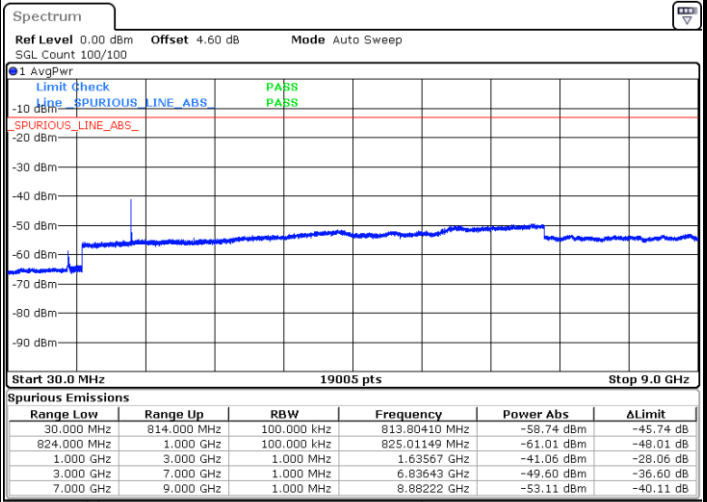
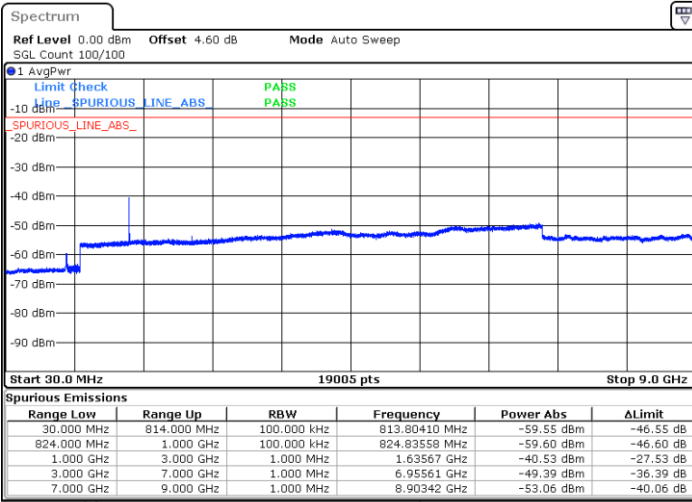
Date: 19 JUL 2019 11:22:19



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

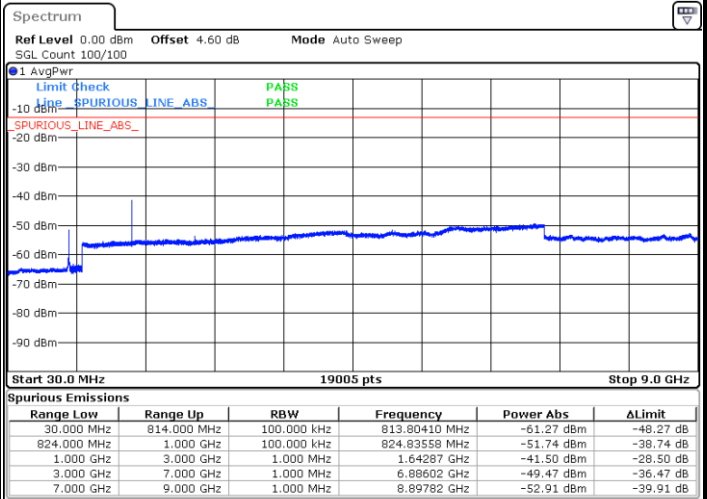
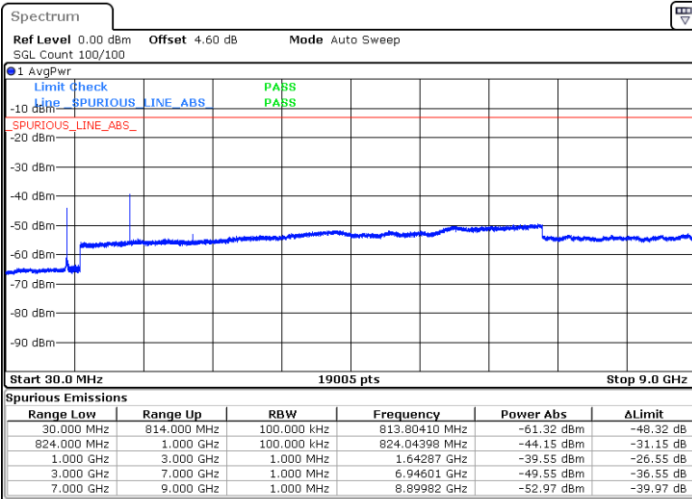


Date: 19.JUL.2019 11:24:06

Date: 19.JUL.2019 11:25:00

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 19.JUL.2019 11:26:47

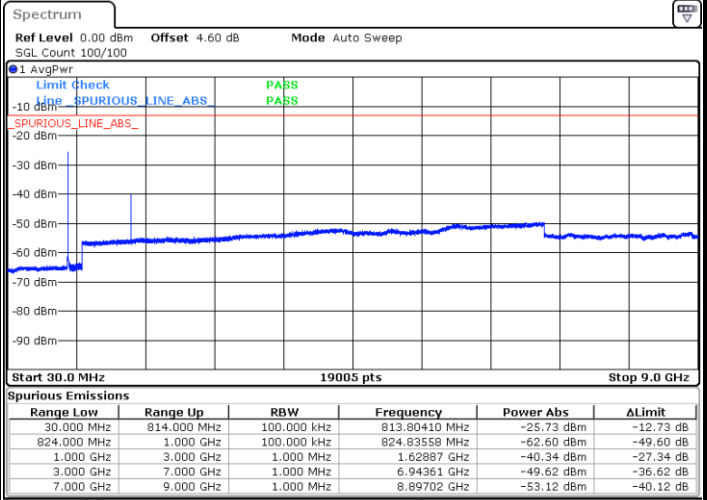
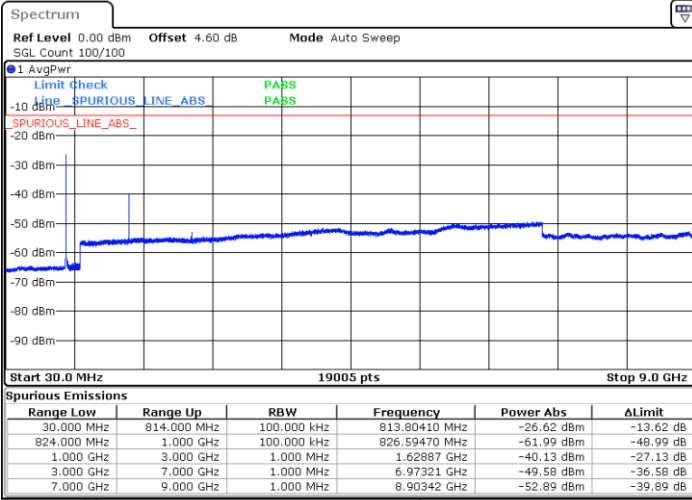
Date: 19.JUL.2019 11:27:41



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

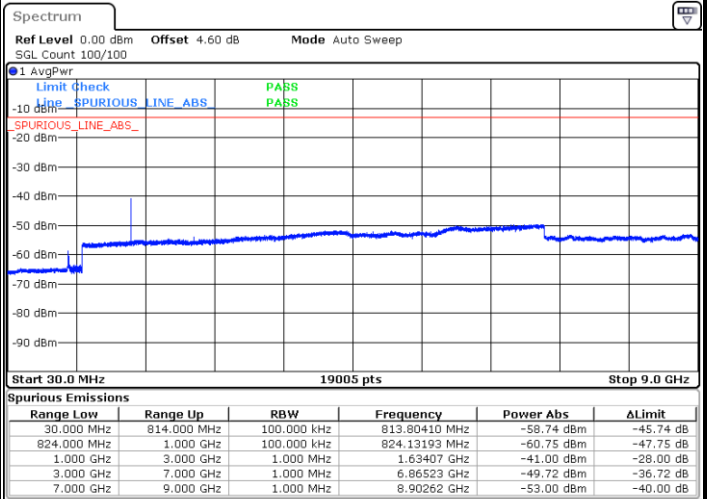
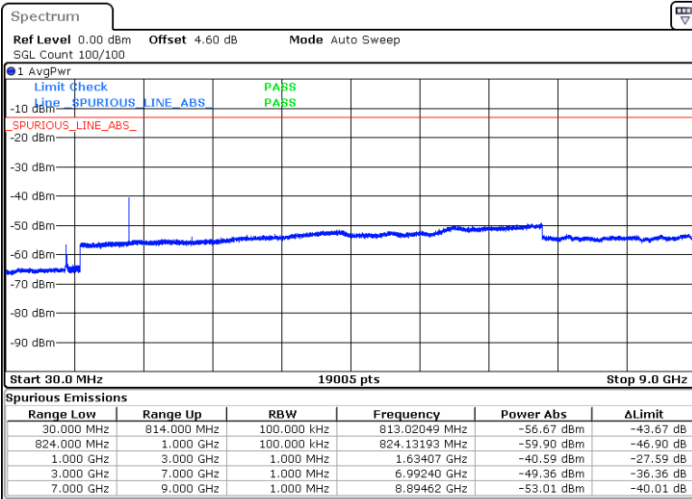


Date: 19 JUL 2019 11:29:28

Date: 19 JUL 2019 11:30:22

Middle Channel / QPSK

Middle Channel / 16QAM



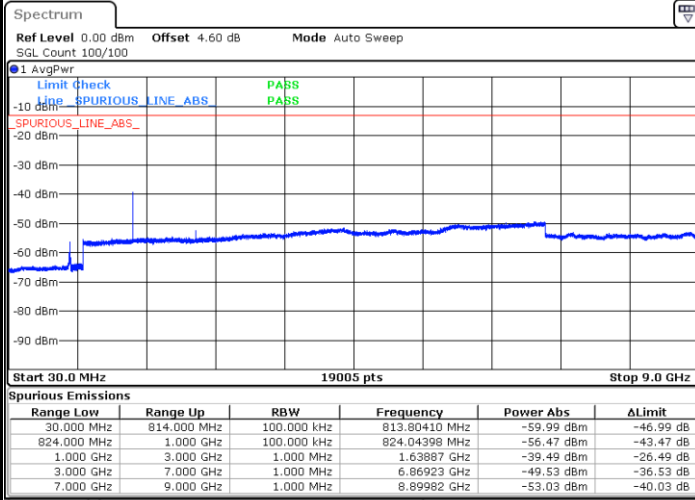
Date: 19 JUL 2019 11:32:45

Date: 19 JUL 2019 11:33:39



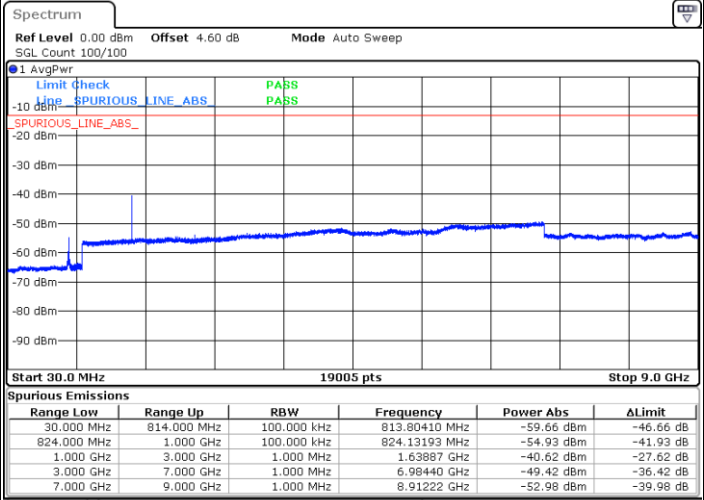
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 19 JUL 2019 11:35:26

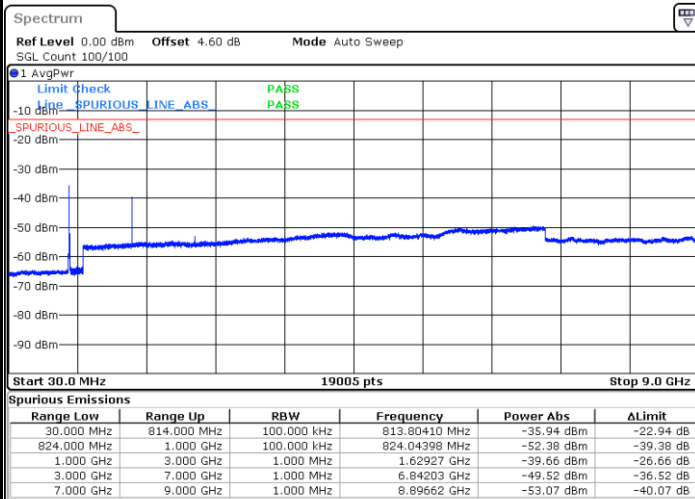
Highest Channel / 16QAM



Date: 19 JUL 2019 11:36:20

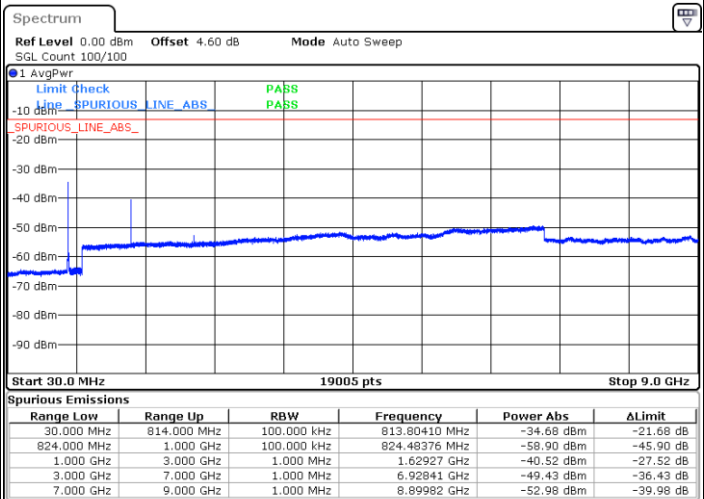
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 19 JUL 2019 11:38:07

Middle Channel / 16QAM



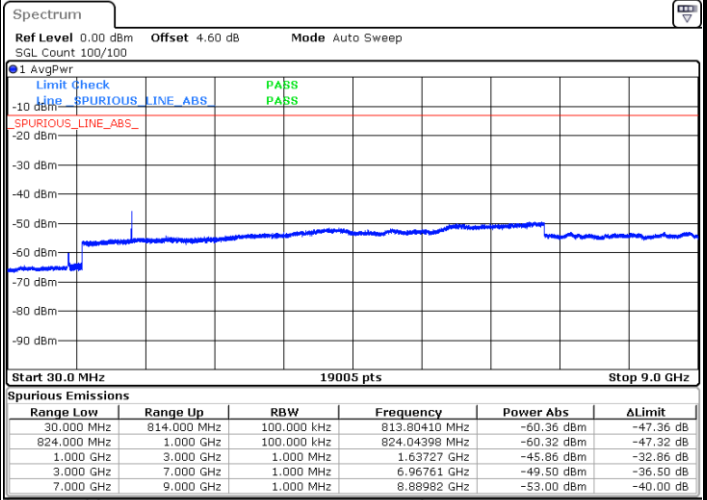
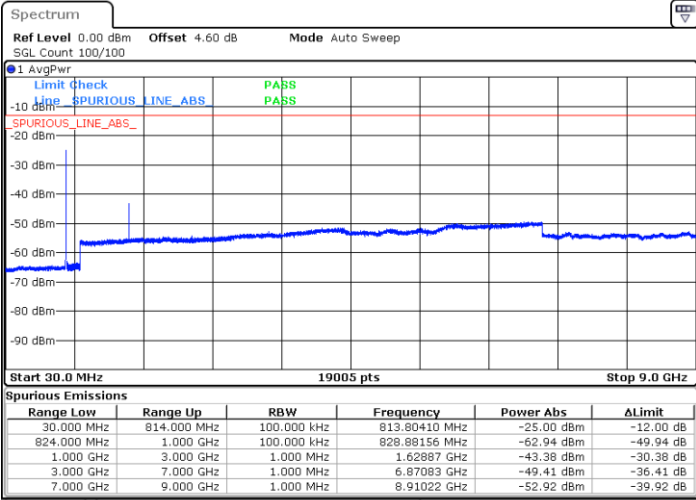
Date: 19 JUL 2019 11:39:01



LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

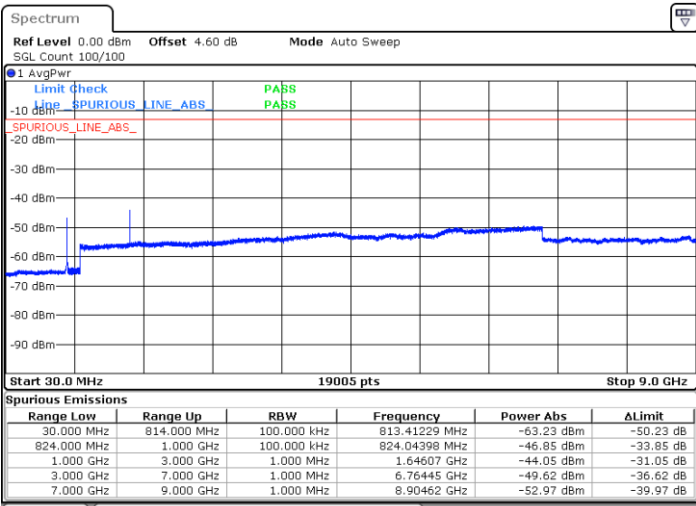
Middle Channel / 64QAM



Date: 19 JUL 2019 11:15:09

Date: 19 JUL 2019 11:17:50

Highest Channel / 64QAM



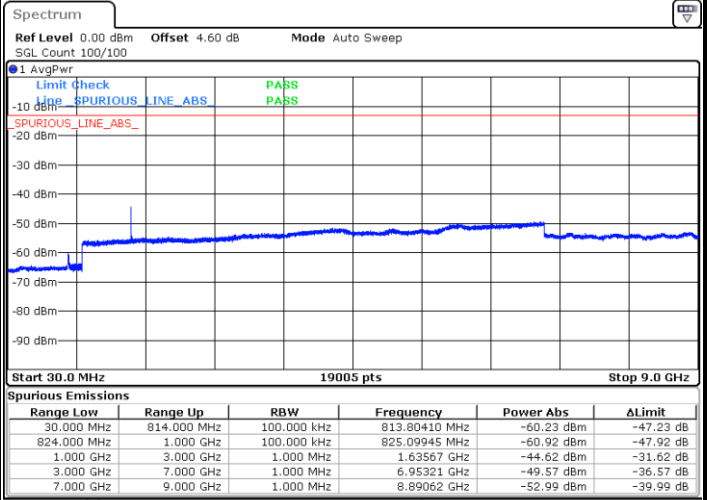
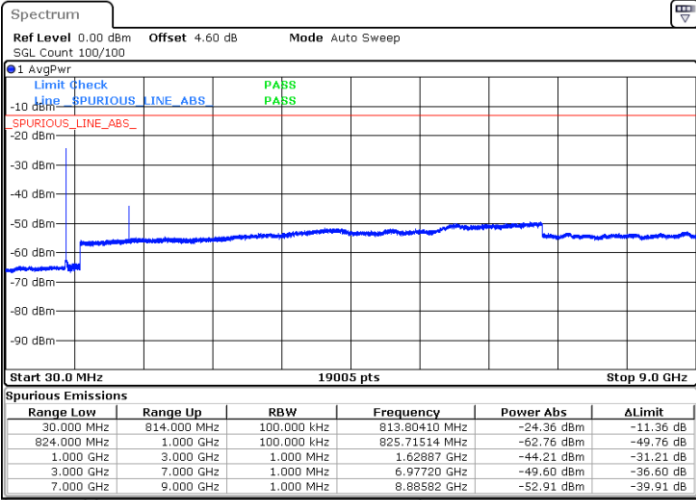
Date: 19 JUL 2019 11:20:31



LTE Band 26 / 3MHz

Lowest Channel / 64QAM

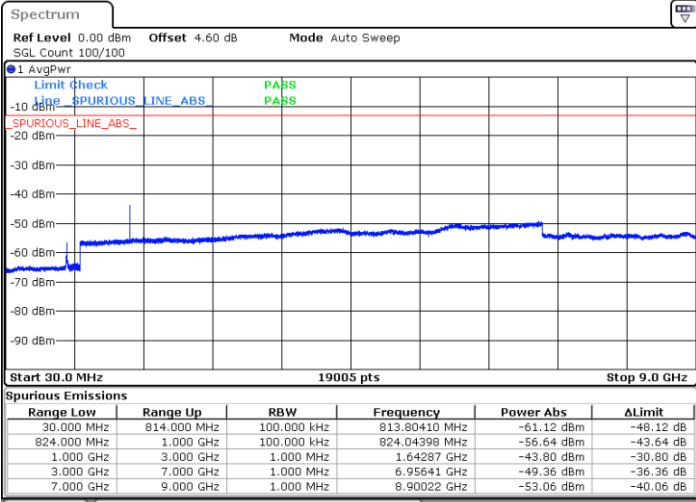
Middle Channel / 64QAM



Date: 19 JUL 2019 11:23:12

Date: 19 JUL 2019 11:25:53

Highest Channel / 64QAM



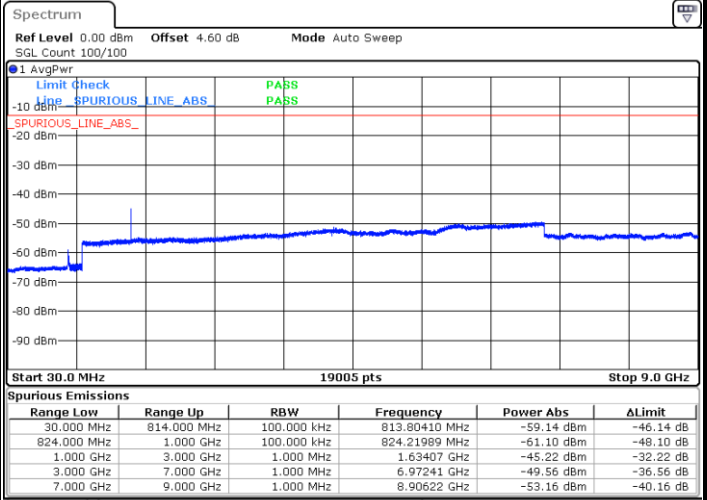
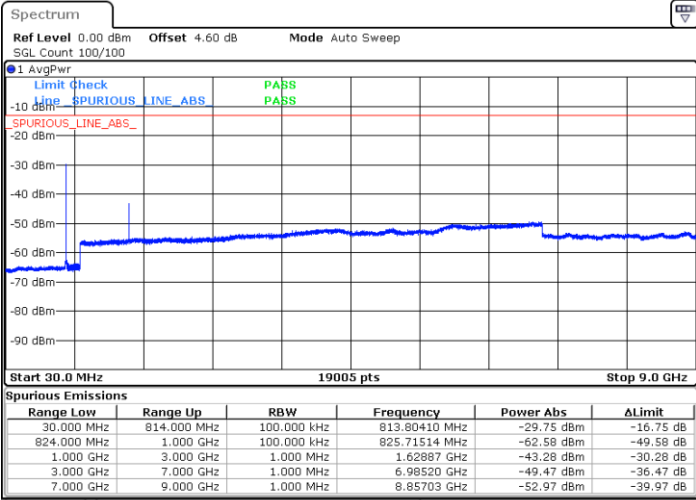
Date: 19 JUL 2019 11:28:35



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

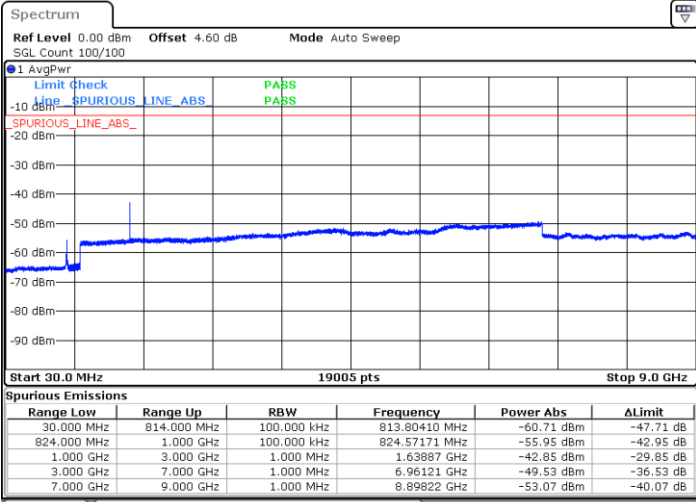
Middle Channel / 64QAM



Date: 19 JUL 2019 11:41:04

Date: 19 JUL 2019 11:34:33

Highest Channel / 64QAM

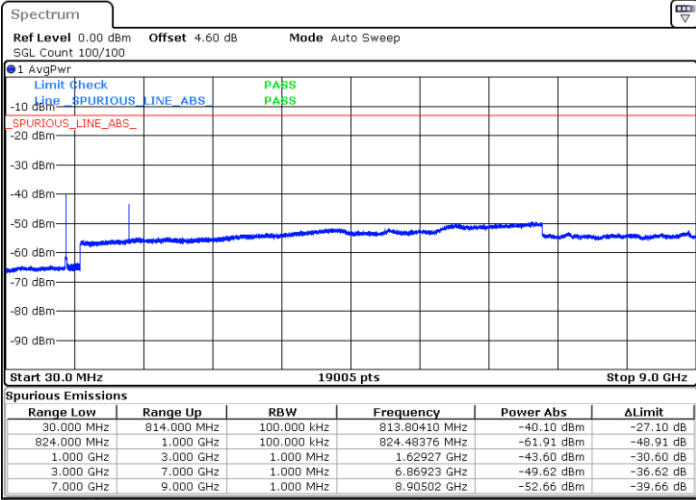


Date: 19 JUL 2019 11:37:14



LTE Band 26 / 10MHz

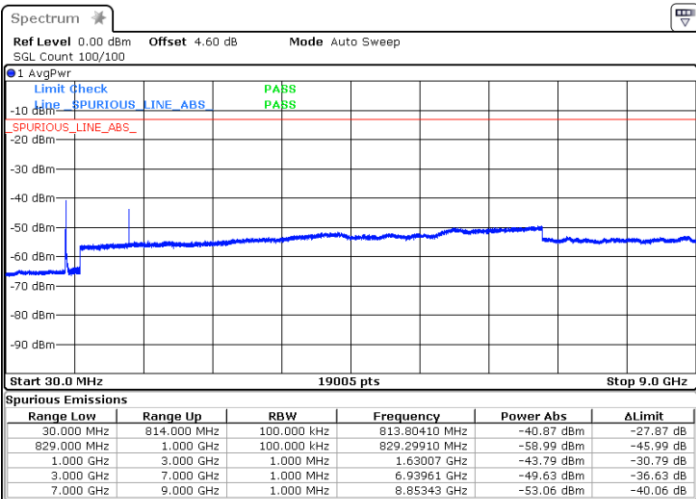
Middle Channel / 64QAM



Date: 19 JUL 2019 11:39:55

LTE Band 26 / 15MHz

Lowest Channel / 64QAM



Date: 19 JUL 2019 11:44:08



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	0.0054	PASS
40	Normal Voltage	0.0086	
30	Normal Voltage	0.0065	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0077	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0087	
-30	Normal Voltage	0.0069	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0072	

Note:

1. Normal Voltage = 3.87V : Battery End Point (BEP) =3.5V. : Maximum Voltage =4.45V.
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)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1630	-67.58	-13	-54.58	-74.55	1.58	10.70	H
	2444	-52.12	-13	-39.12	-60.37	2.102	12.50	H
	3258	-64.95	-13	-51.95	-73.84	2.856	13.90	H
	4074	-60.47	-13	-47.47	-68.93	2.689	13.30	H
	1630	-69.06	-13	-56.06	-76.03	1.58	10.70	V
	2444	-47.79	-13	-34.79	-56.04	2.10	12.50	V
	3258	-63.99	-13	-50.99	-72.88	2.86	13.90	V
	4074	-62.03	-13	-49.03	-70.49	2.69	13.30	V