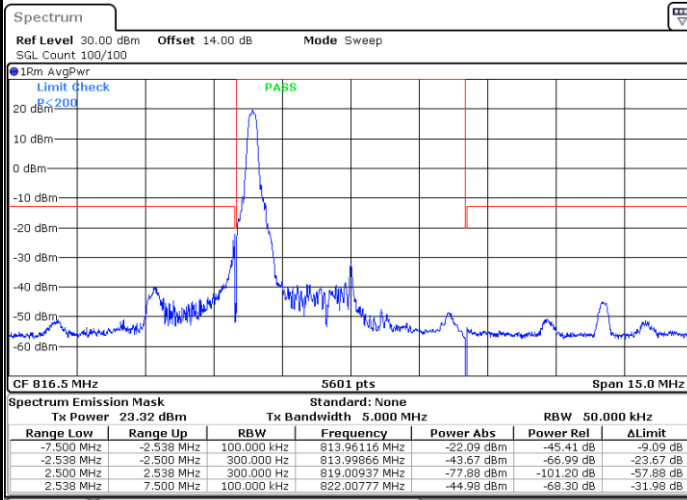




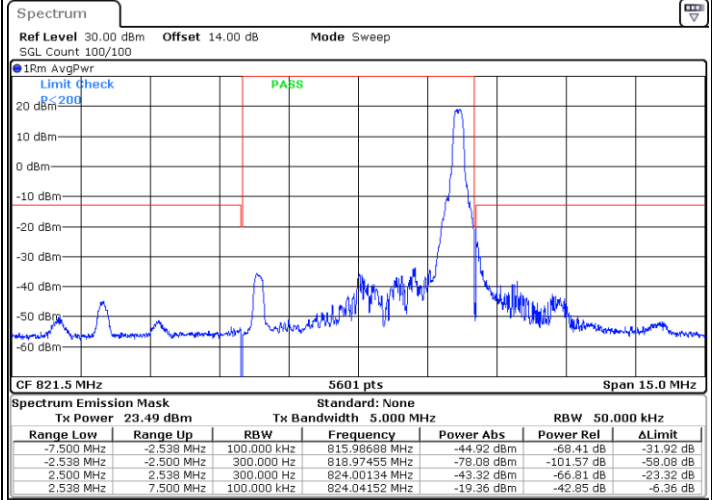
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



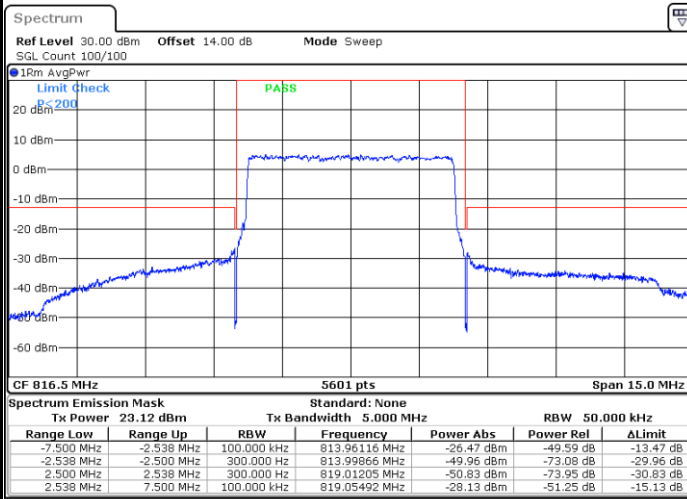
Date: 23 JUN 2020 05:00:56

Highest Band Edge / 1 RB



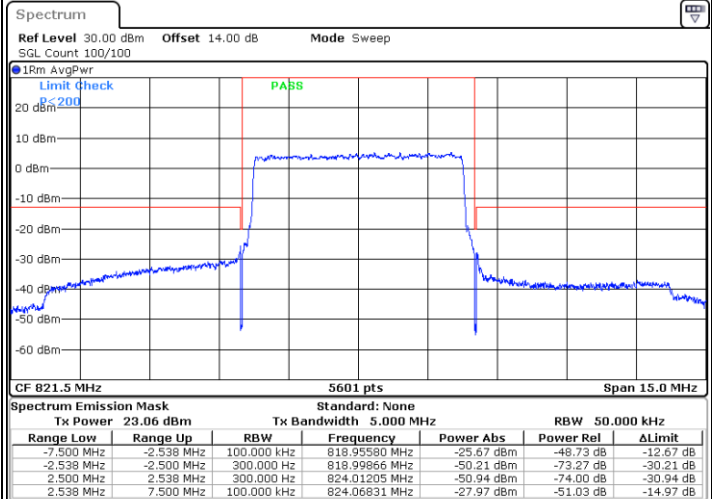
Date: 23 JUN 2020 05:47:51

Lowest Band Edge / Full RB



Date: 23 JUN 2020 04:29:28

Highest Band Edge / Full RB

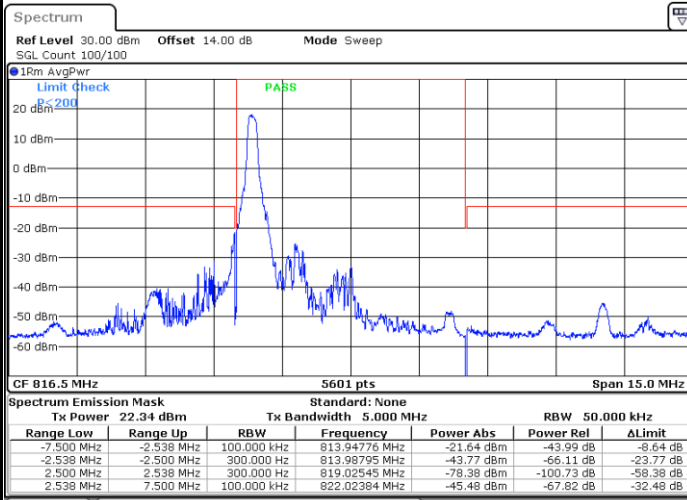


Date: 23 JUN 2020 05:38:35



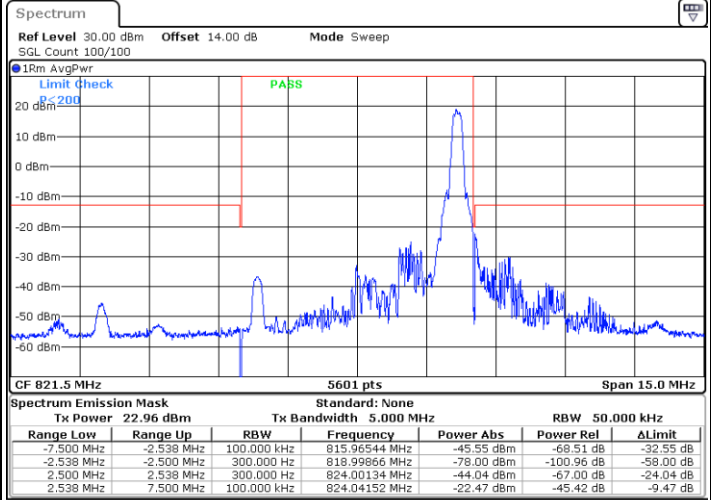
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



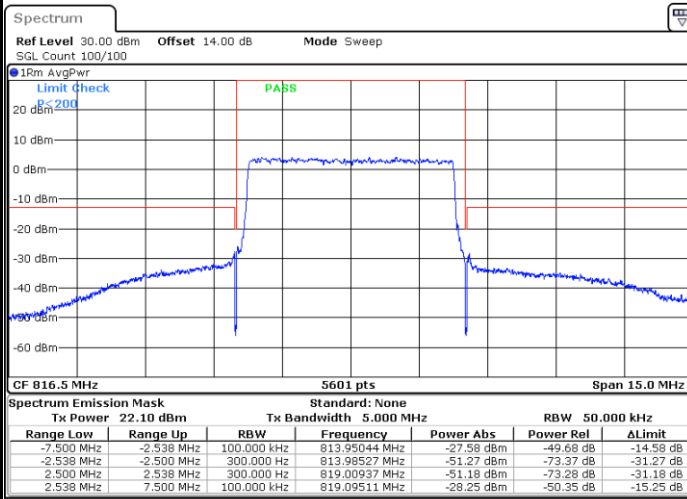
Date: 23 JUN 2020 05:03:27

Highest Band Edge / 1 RB



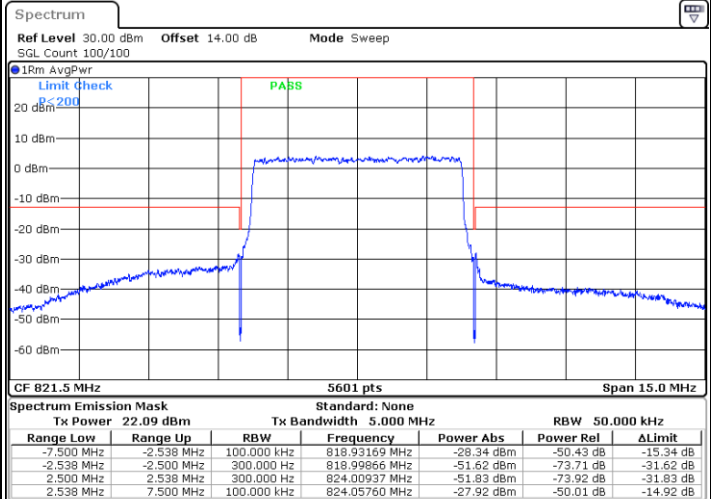
Date: 23 JUN 2020 05:47:01

Lowest Band Edge / Full RB



Date: 23 JUN 2020 04:27:42

Highest Band Edge / Full RB

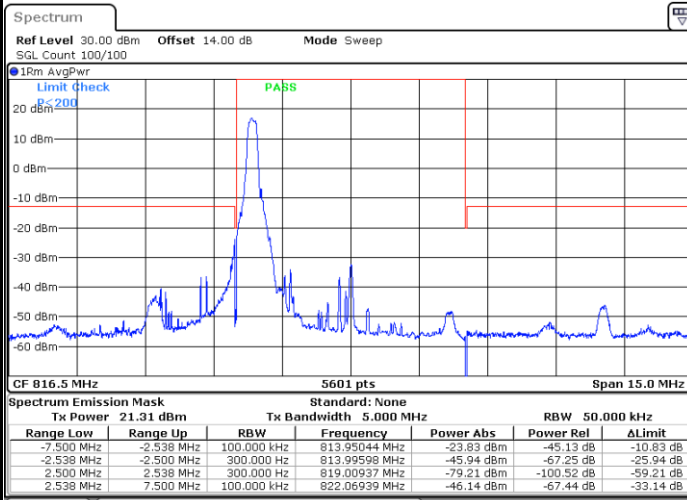


Date: 23 JUN 2020 05:37:33



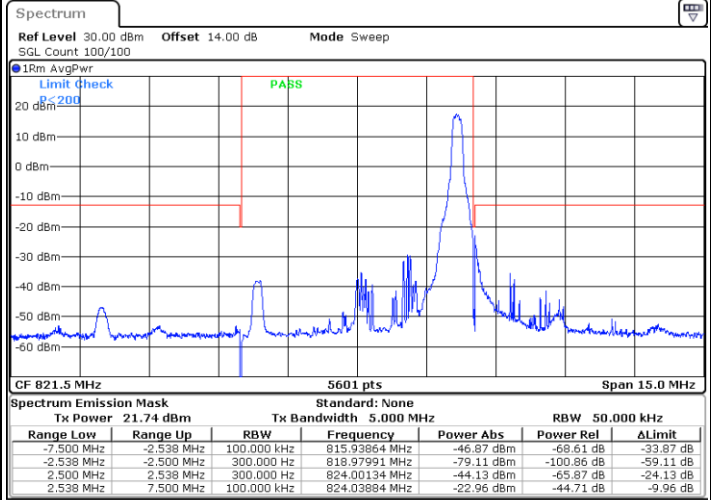
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



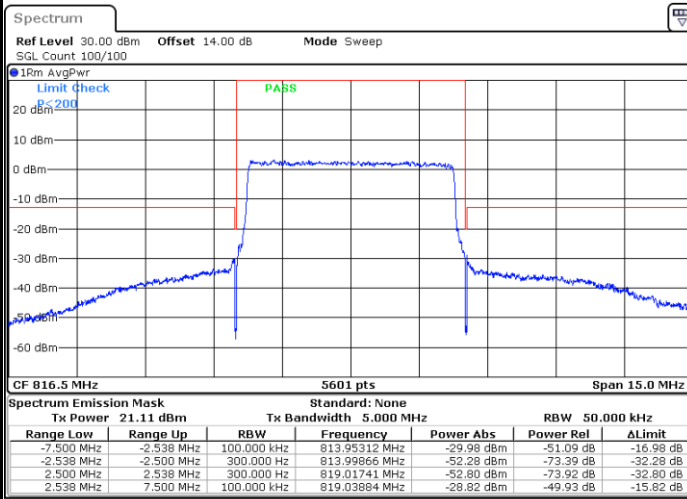
Date: 23 JUN 2020 05:05:57

Highest Band Edge / 1 RB



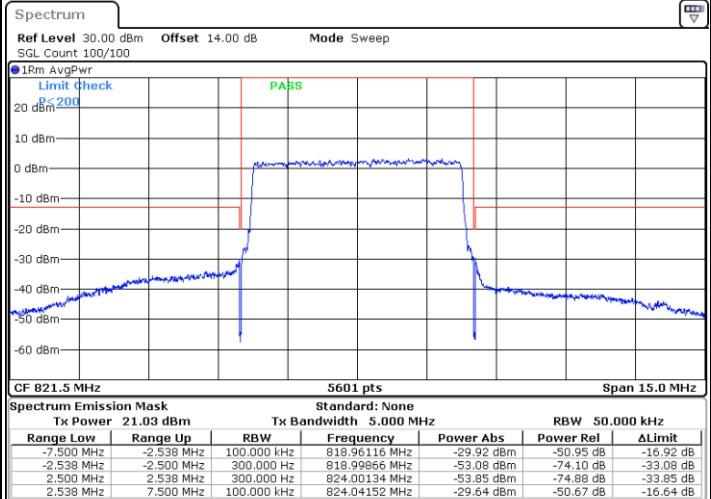
Date: 23 JUN 2020 05:46:23

Lowest Band Edge / Full RB



Date: 23 JUN 2020 04:26:23

Highest Band Edge / Full RB



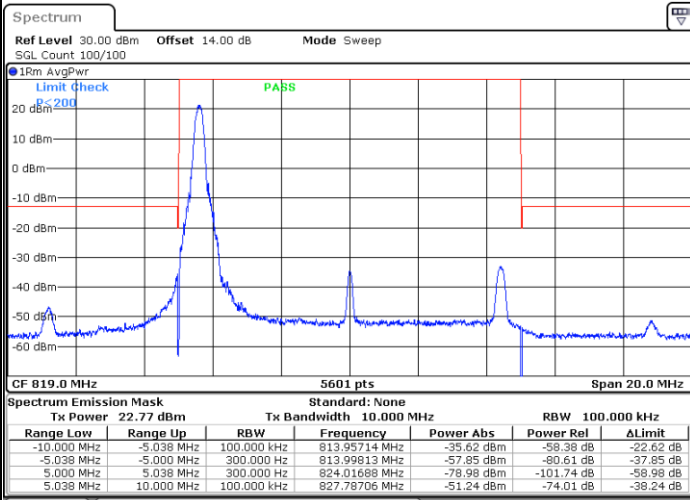
Date: 23 JUN 2020 05:36:28



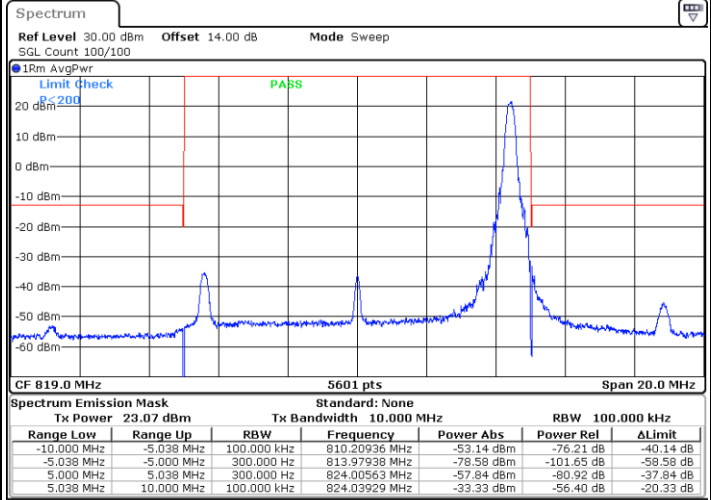
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

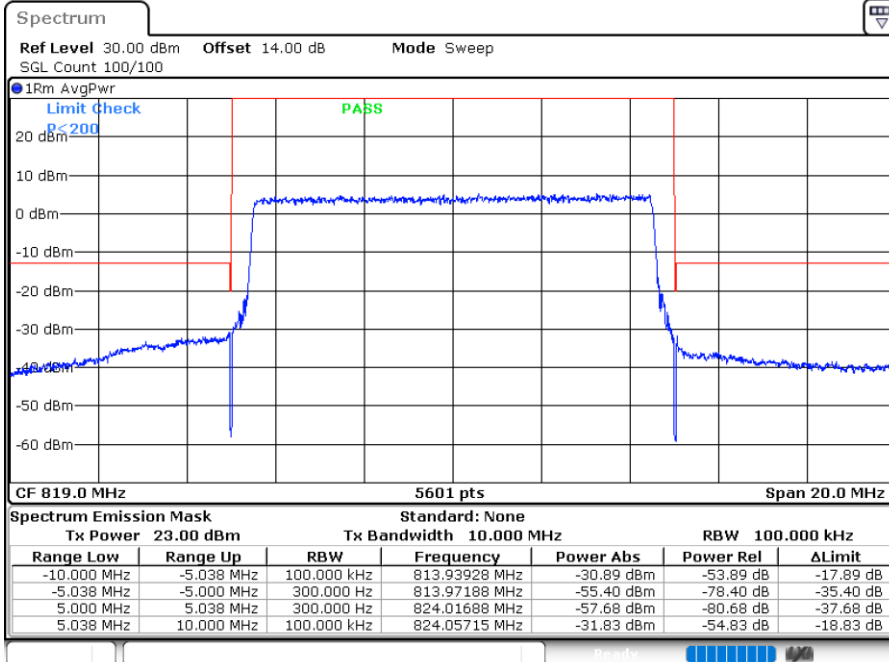


Date: 23.JUN.2020 06:02:02



Date: 23.JUN.2020 06:05:15

Band Edge / Full RB

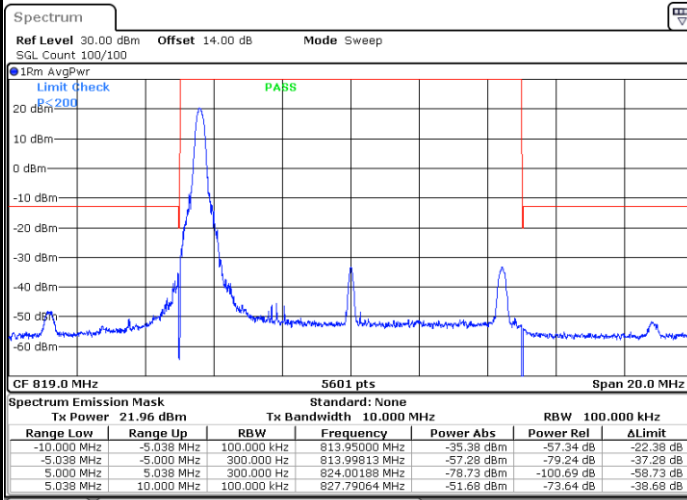


Date: 23.JUN.2020 05:52:04



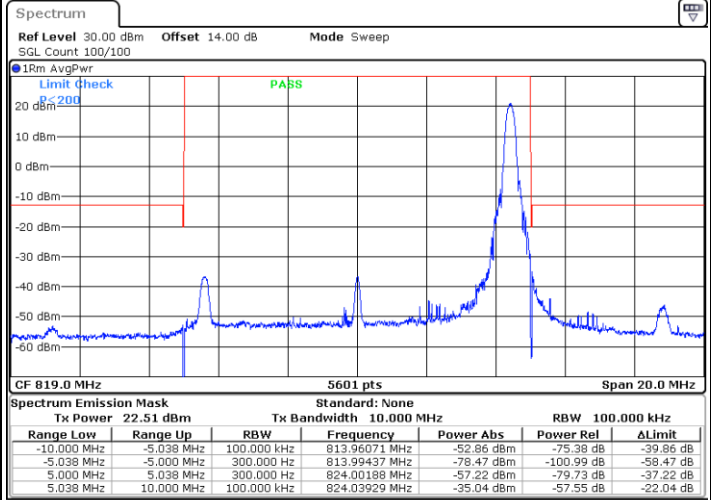
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



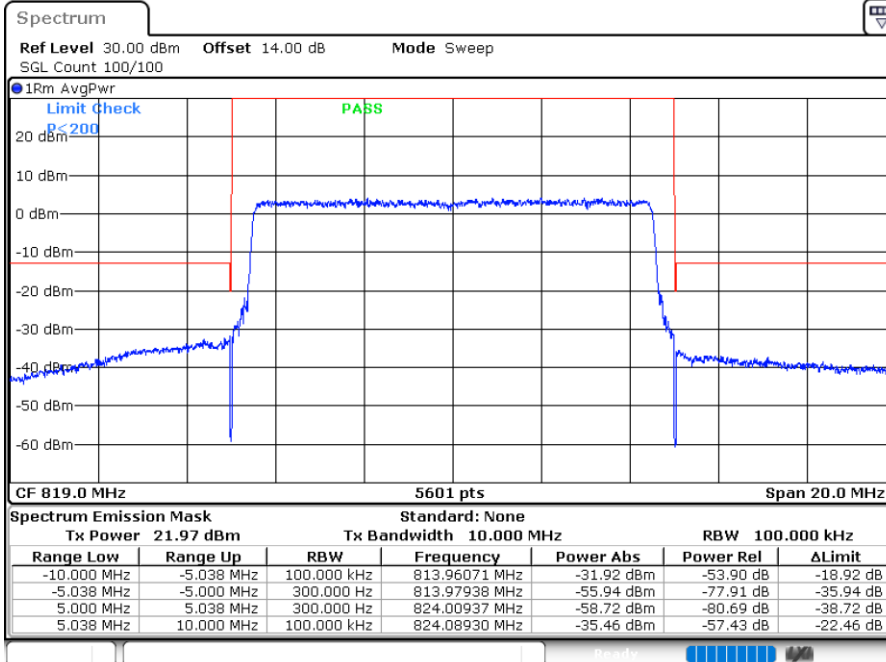
Date: 23.JUN.2020 05:59:15

Highest Band Edge / 1 RB



Date: 23.JUN.2020 06:06:14

Band Edge / Full RB

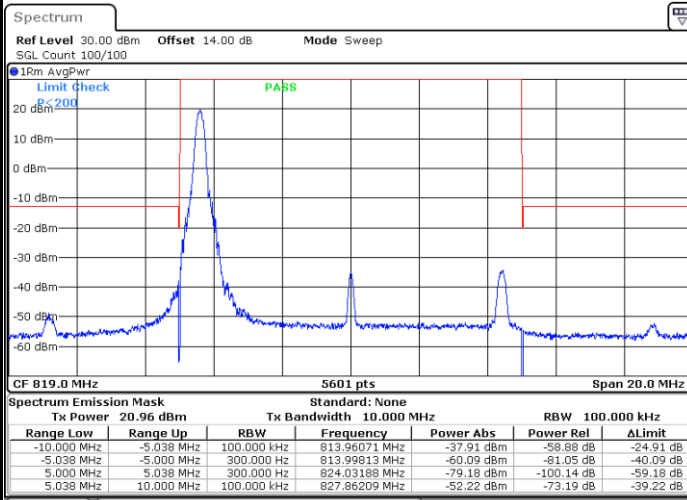


Date: 23.JUN.2020 05:53:42



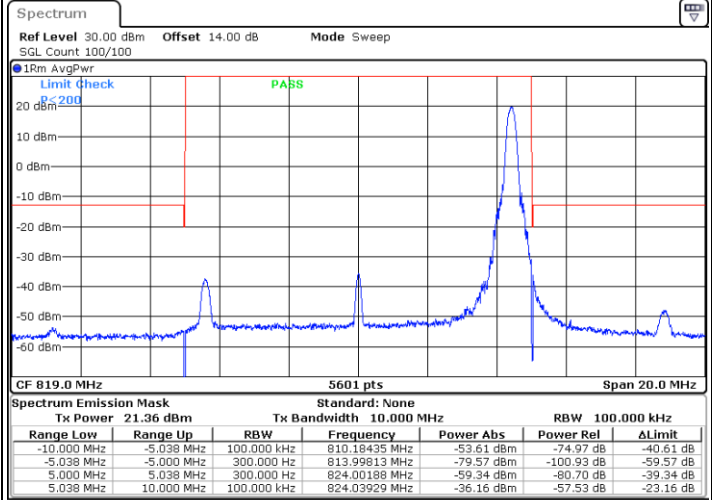
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



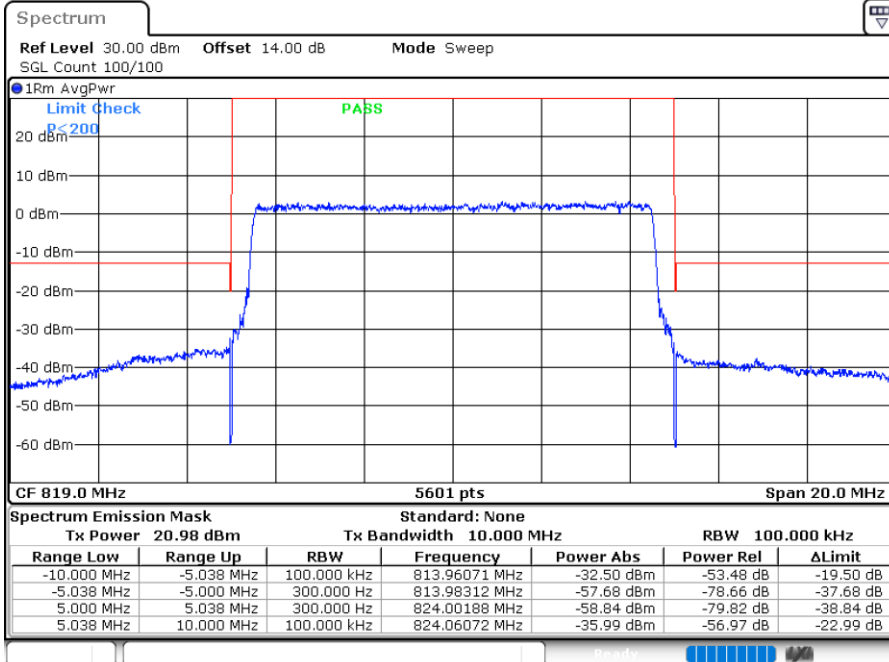
Date: 23.JUN.2020 05:56:24

Highest Band Edge / 1 RB



Date: 23.JUN.2020 06:06:57

Band Edge / Full RB

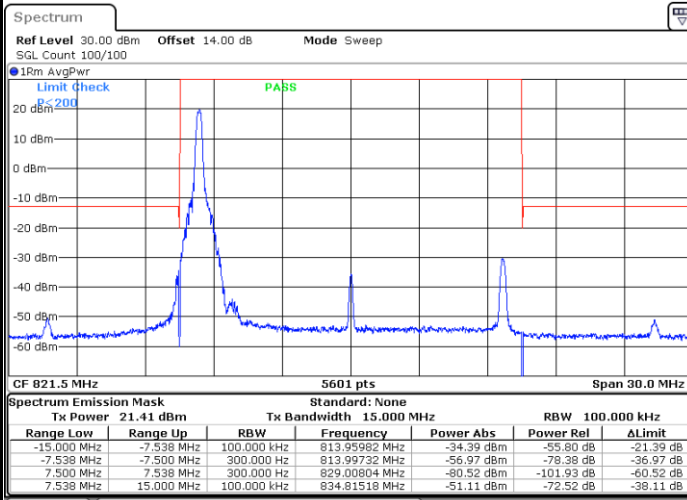


Date: 23.JUN.2020 05:55:12



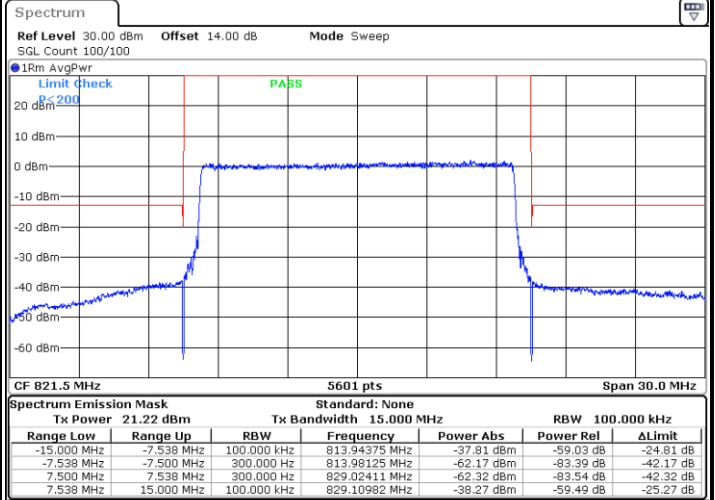
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 23.JUN.2020 06:12:55

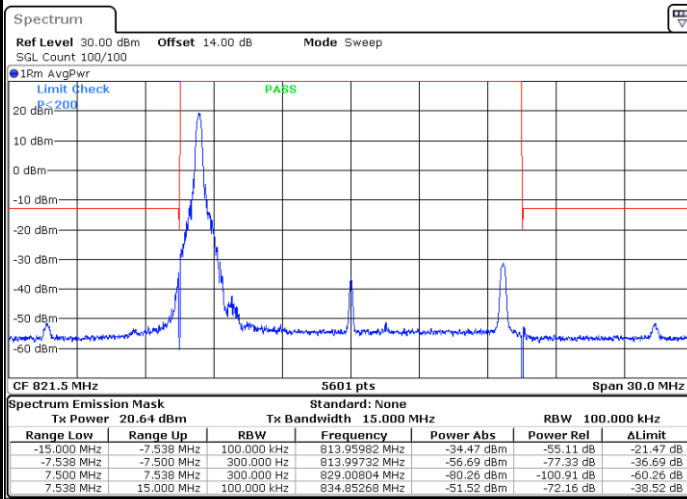
Lowest Band Edge / Full RB



Date: 23.JUN.2020 06:12:08

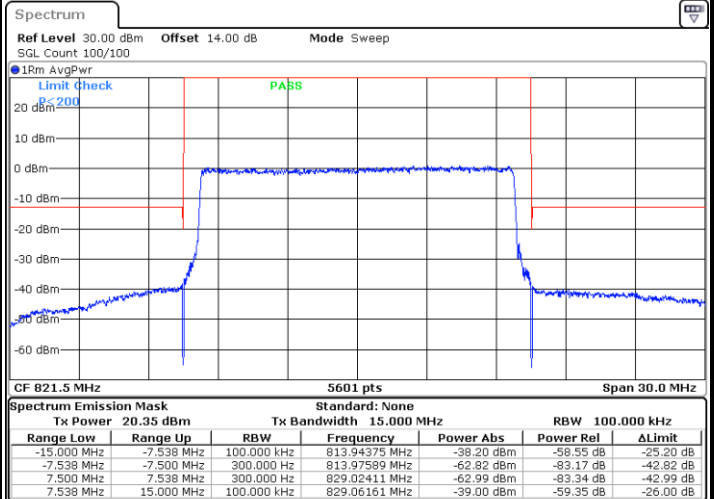
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 23.JUN.2020 06:16:45

Lowest Band Edge / Full RB

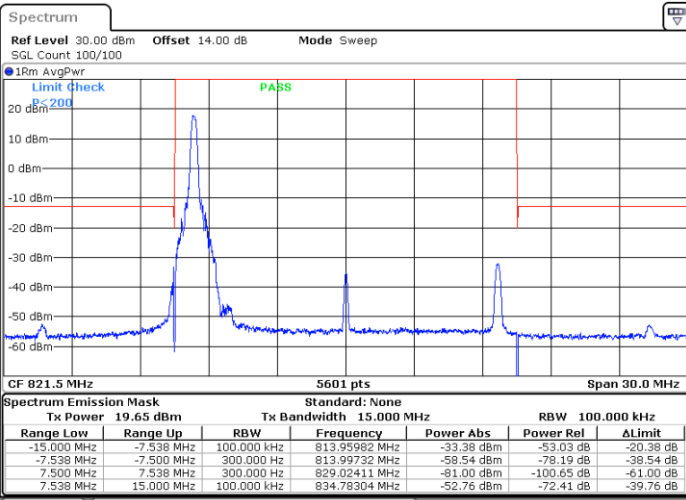


Date: 23.JUN.2020 06:10:50



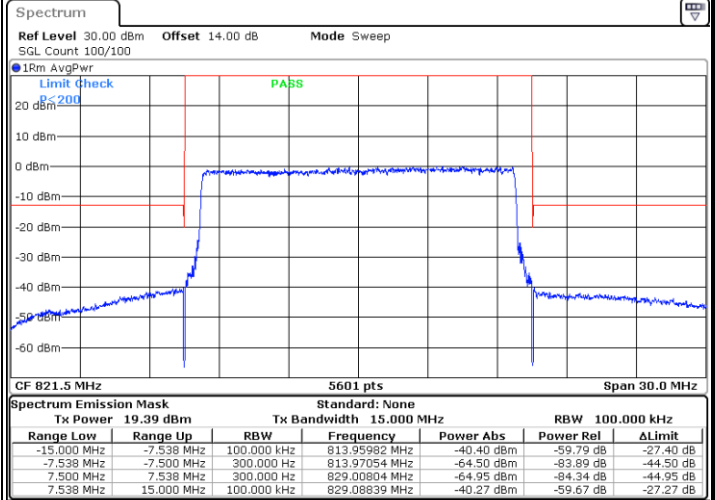
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 23 JUN 2020 06:19:33

Lowest Band Edge / Full RB

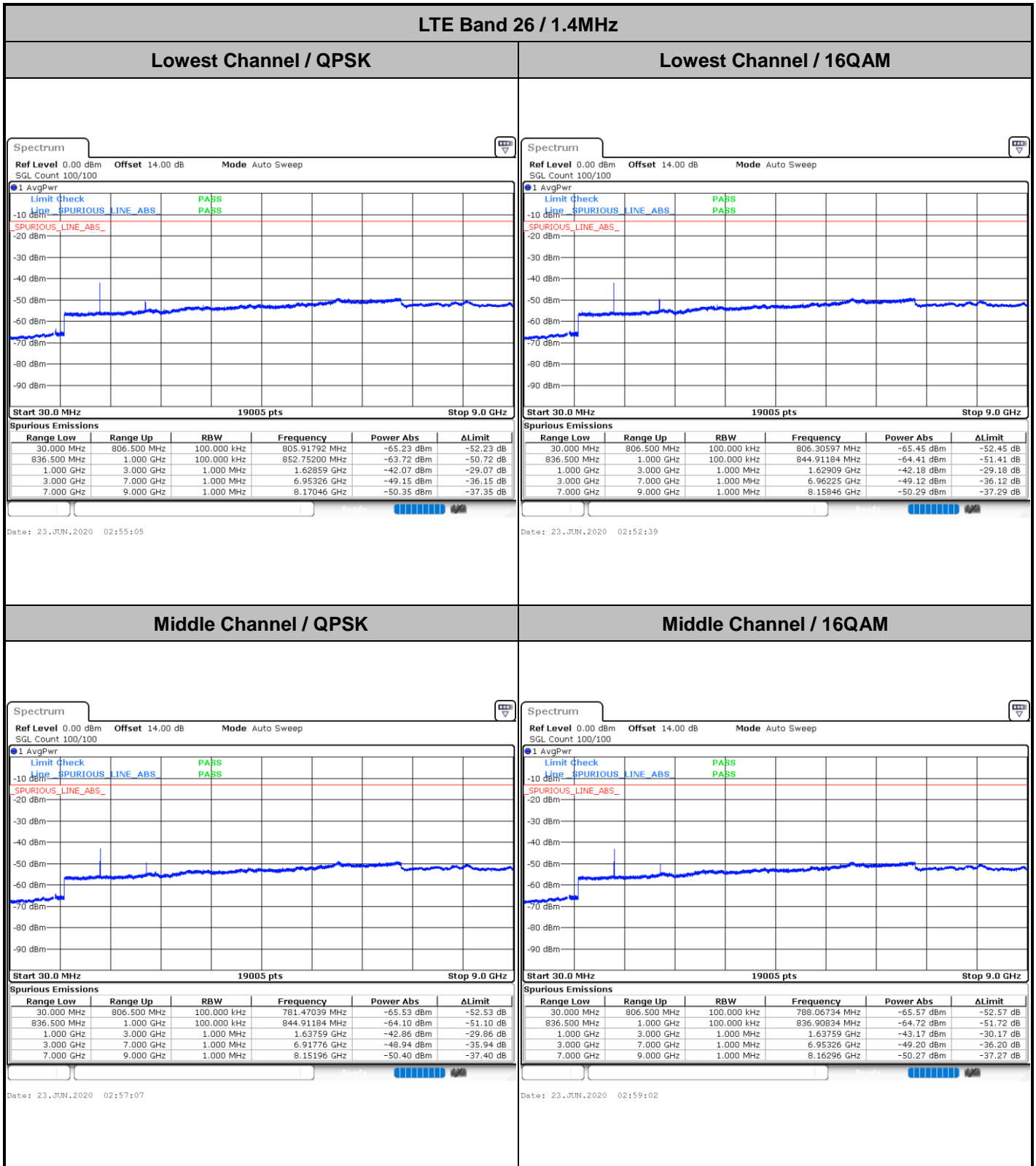


Date: 23 JUN 2020 06:09:38





# Conducted Spurious Emission

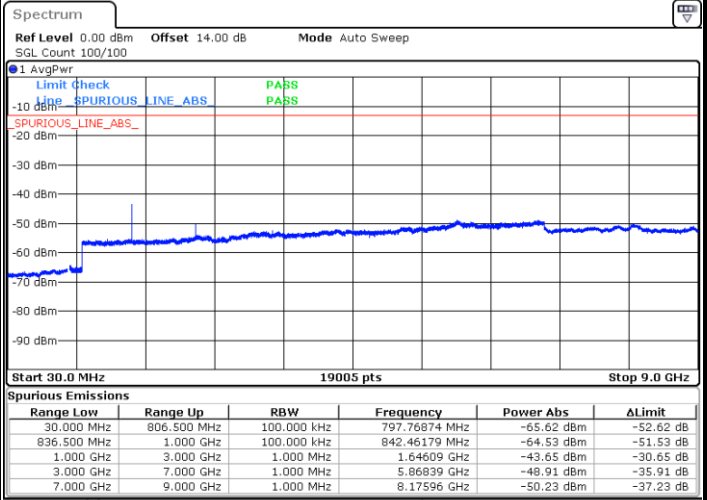
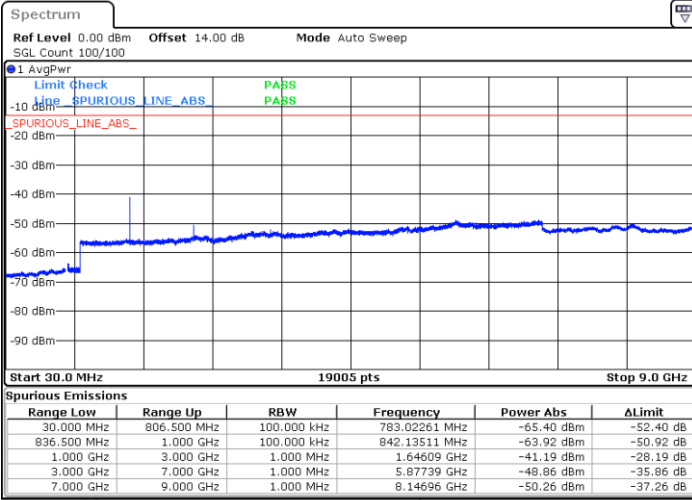




LTE Band 26 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



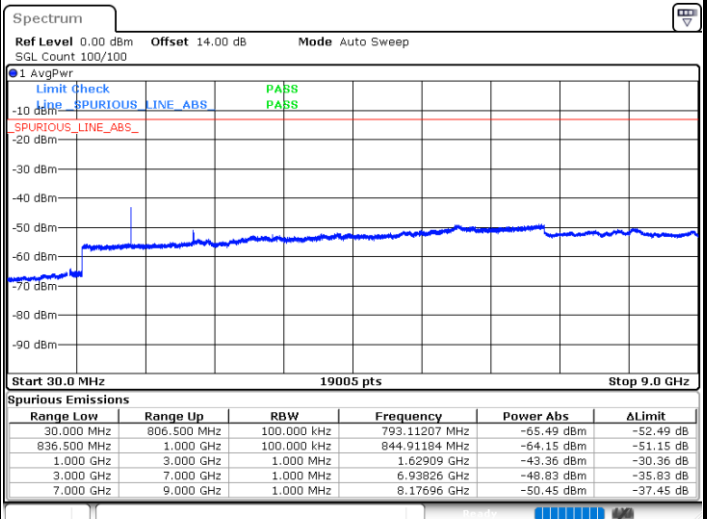
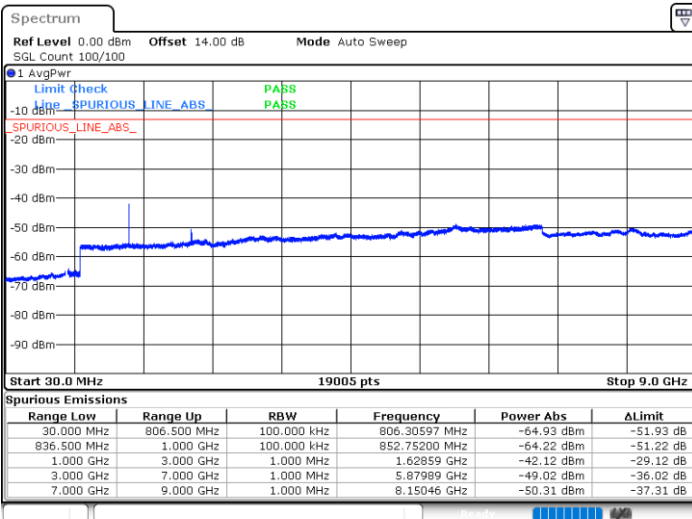
Date: 23.JUN.2020 03:13:22

Date: 23.JUN.2020 03:11:33

LTE Band 26 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 23.JUN.2020 03:50:15

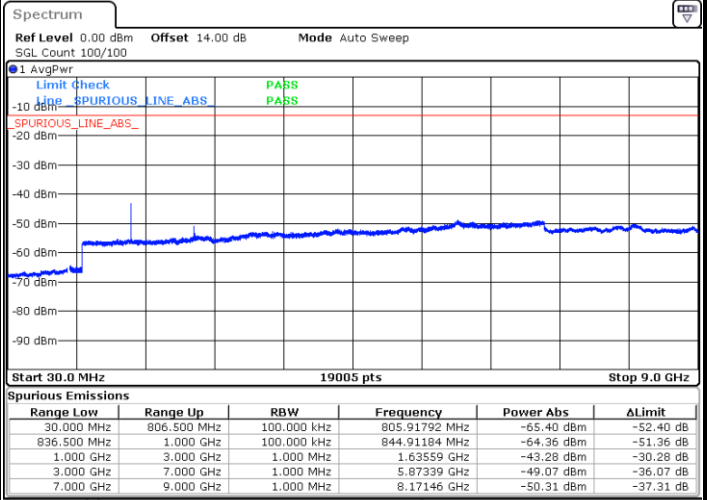
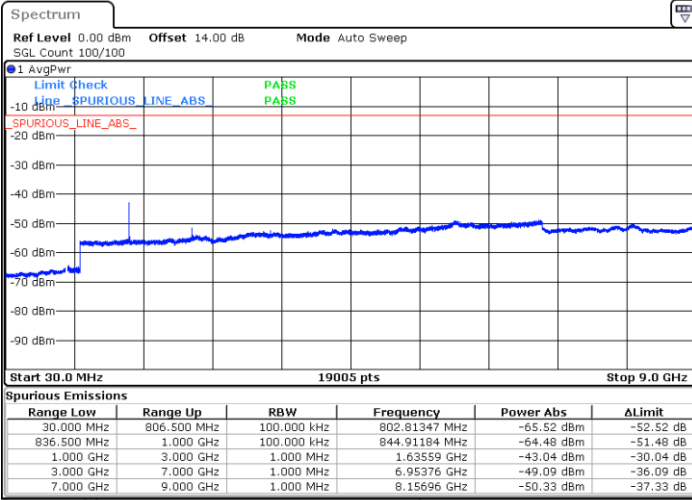
Date: 23.JUN.2020 03:53:44



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

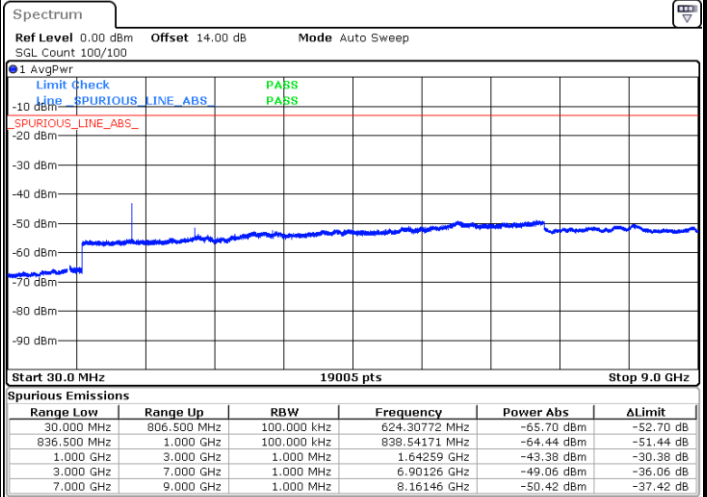
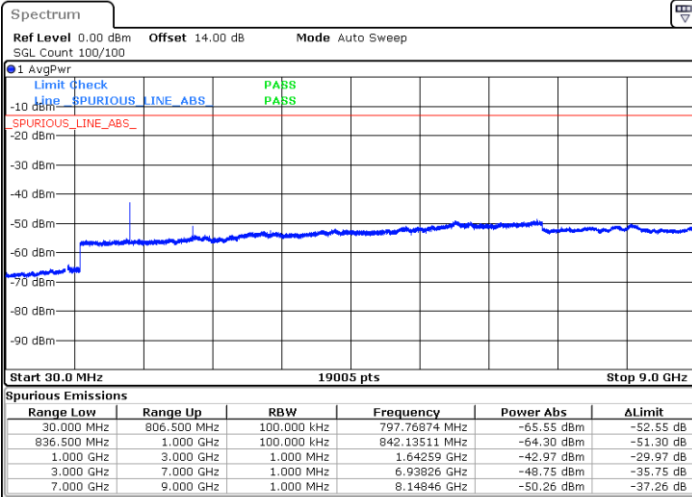


Date: 23.JUN.2020 04:03:03

Date: 23.JUN.2020 04:01:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.JUN.2020 04:15:52

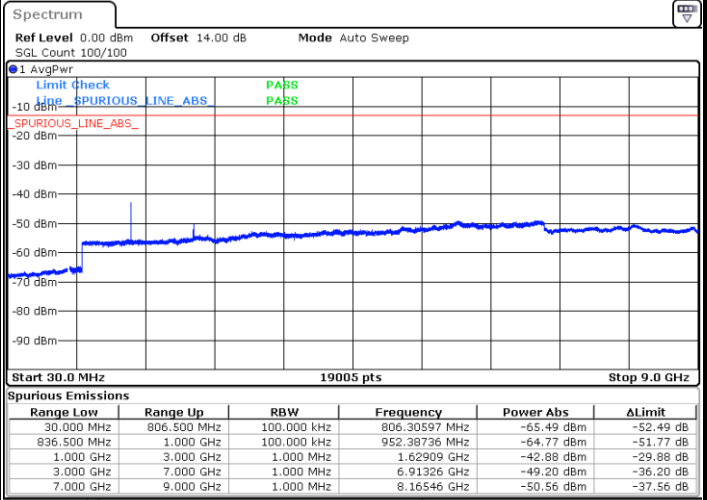
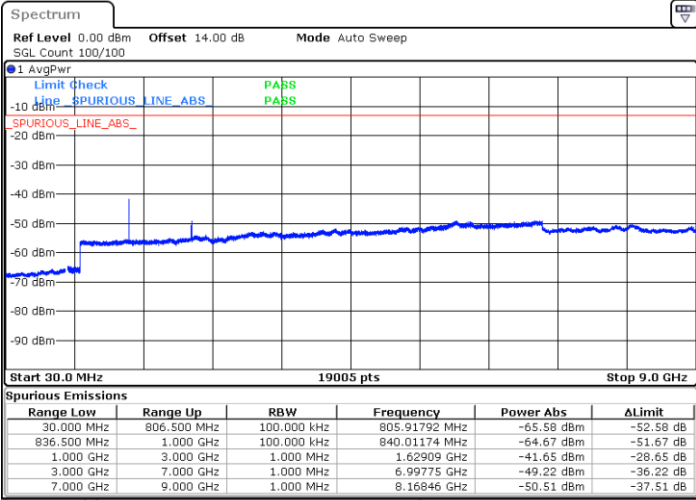
Date: 23.JUN.2020 04:13:49



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

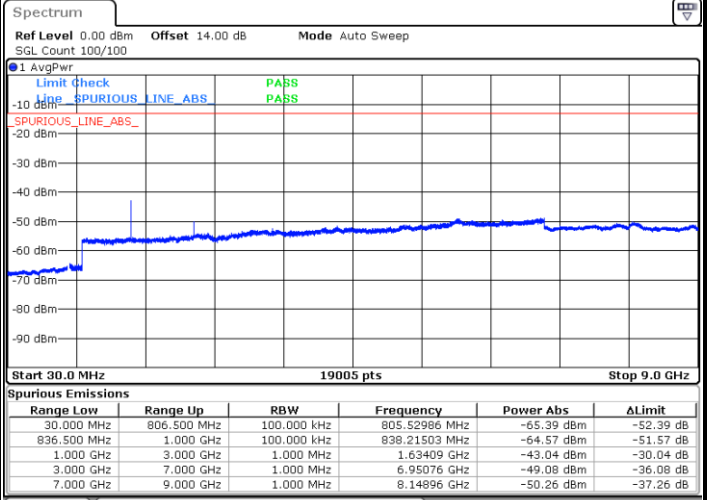
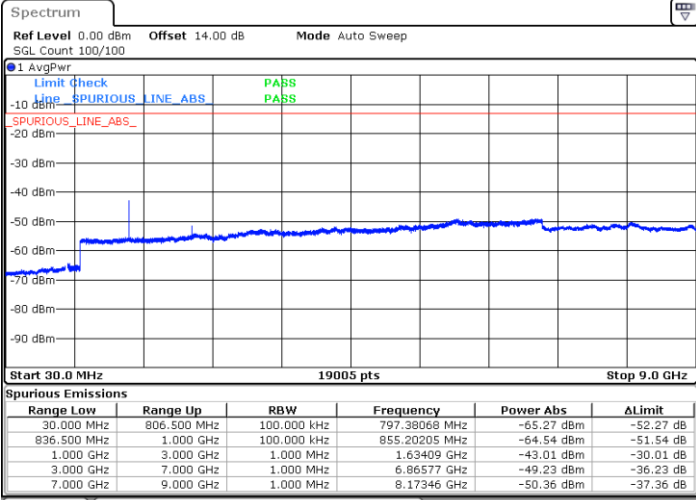


Date: 23.JUN.2020 05:02:45

Date: 23.JUN.2020 05:05:20

Middle Channel / QPSK

Middle Channel / 16QAM



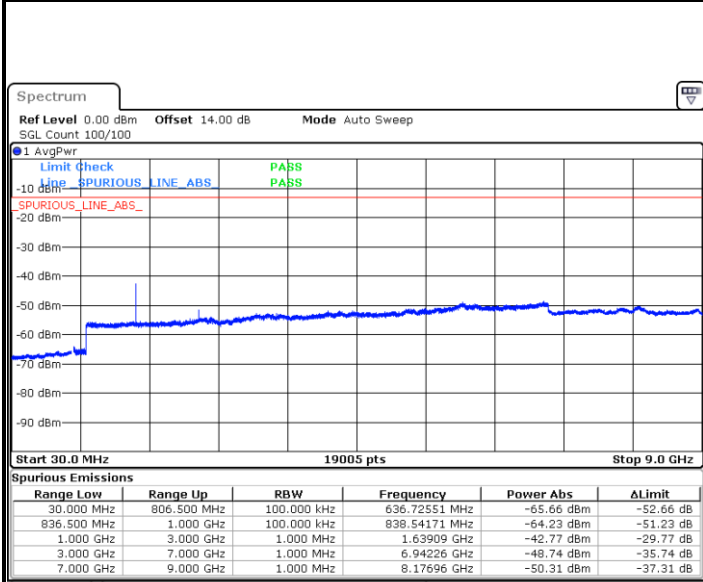
Date: 23.JUN.2020 05:16:02

Date: 23.JUN.2020 05:11:45



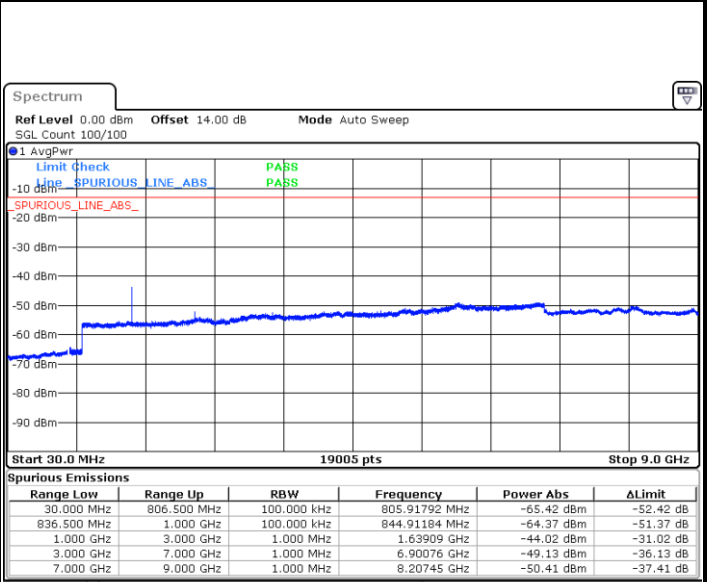
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 23.JUN.2020 05:40:55

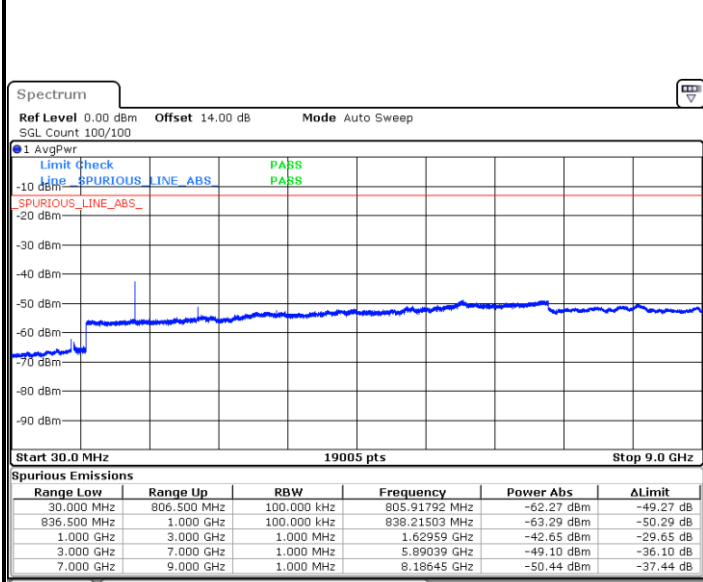
Highest Channel / 16QAM



Date: 23.JUN.2020 05:42:48

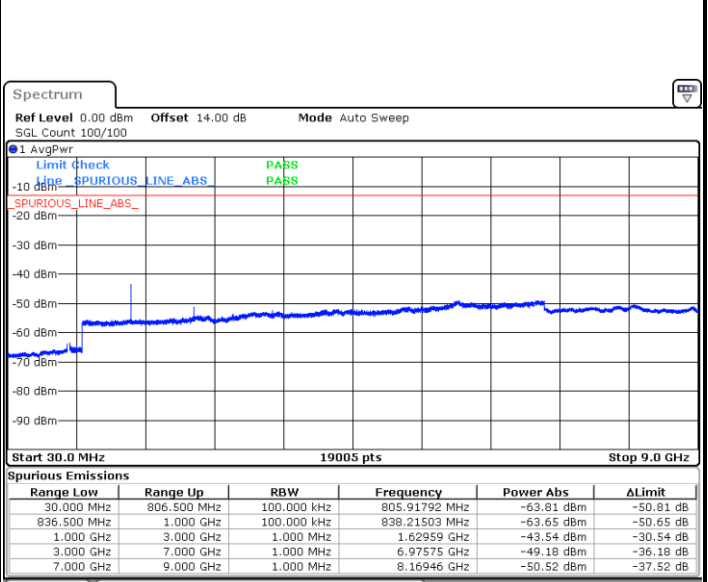
LTE Band 26 / 10MHz

Middle Channel / QPSK

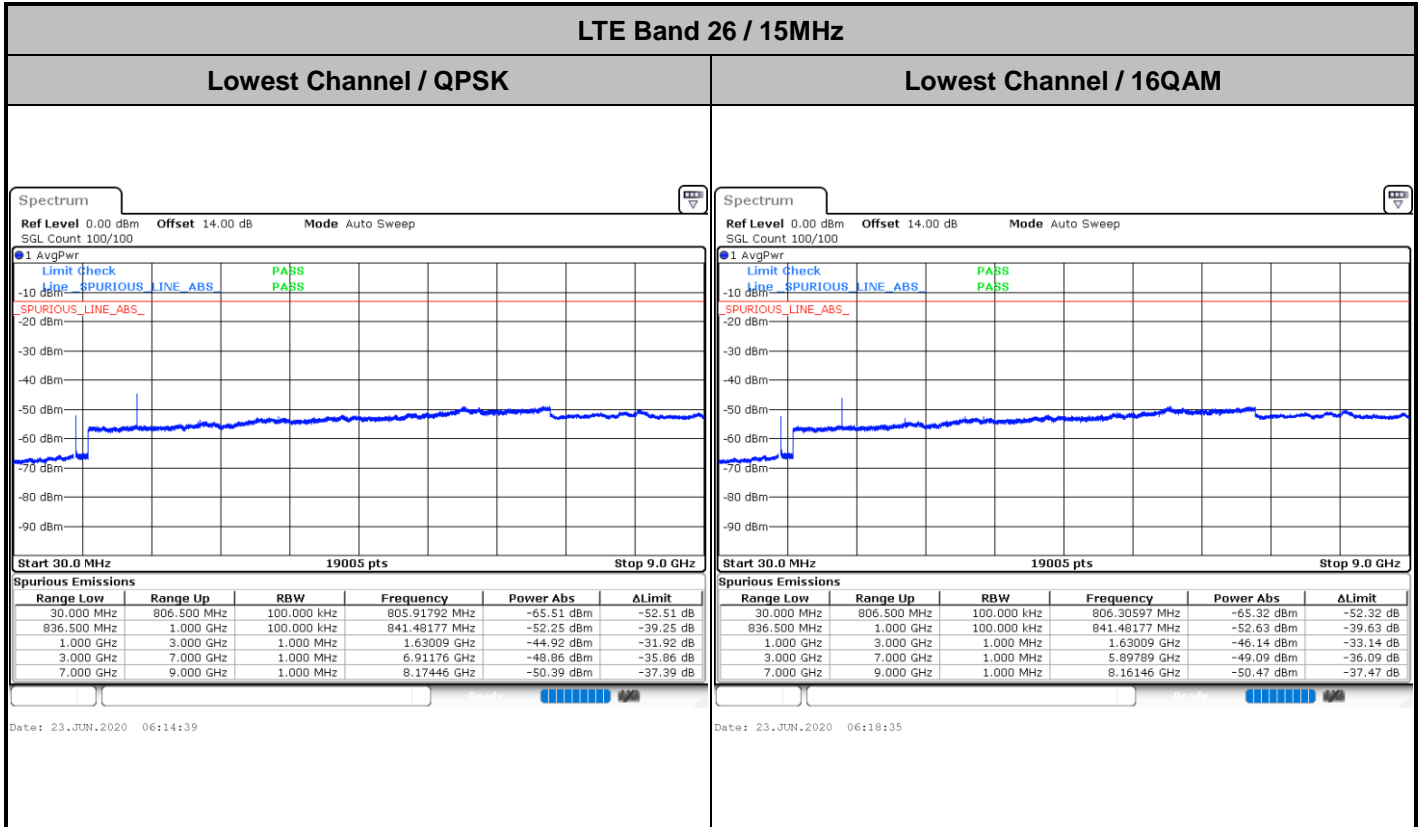


Date: 23.JUN.2020 06:04:03

Middle Channel / 16QAM



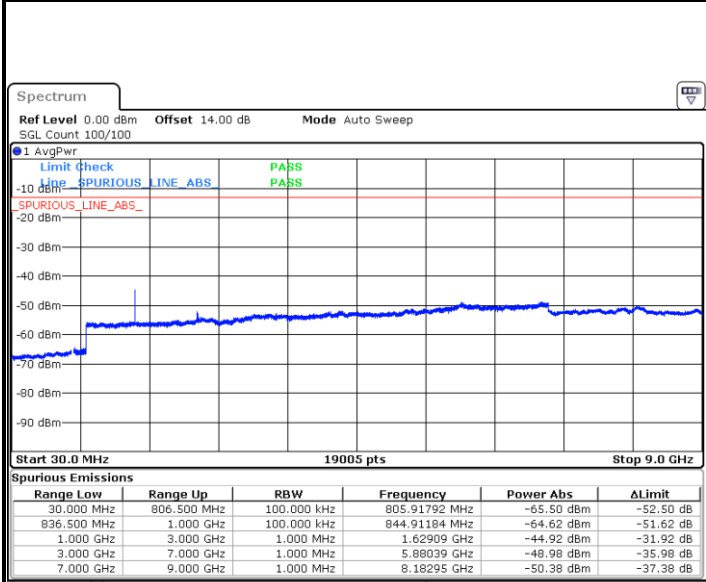
Date: 23.JUN.2020 06:01:08





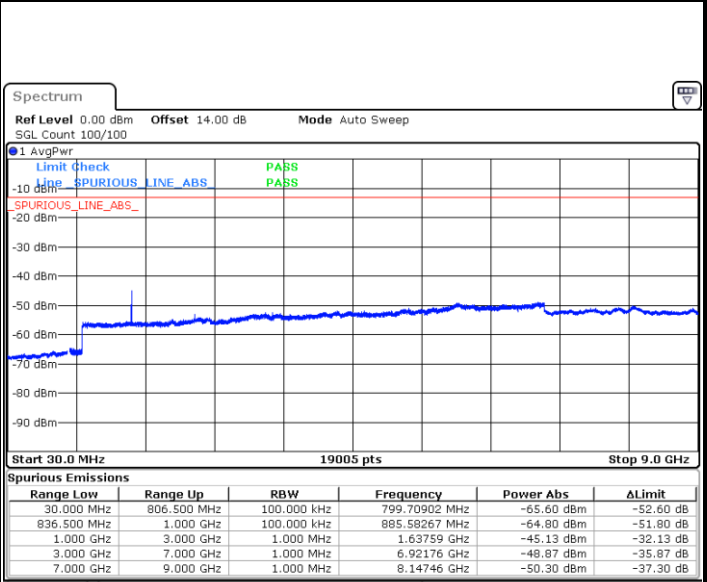
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



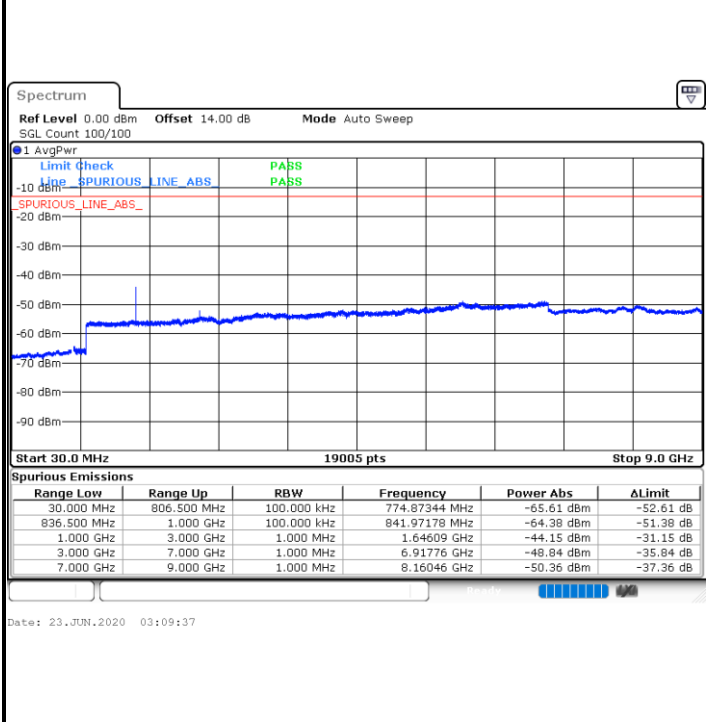
Date: 23.JUN.2020 02:47:41

Middle Channel / 64QAM



Date: 23.JUN.2020 03:00:58

Highest Channel / 64QAM



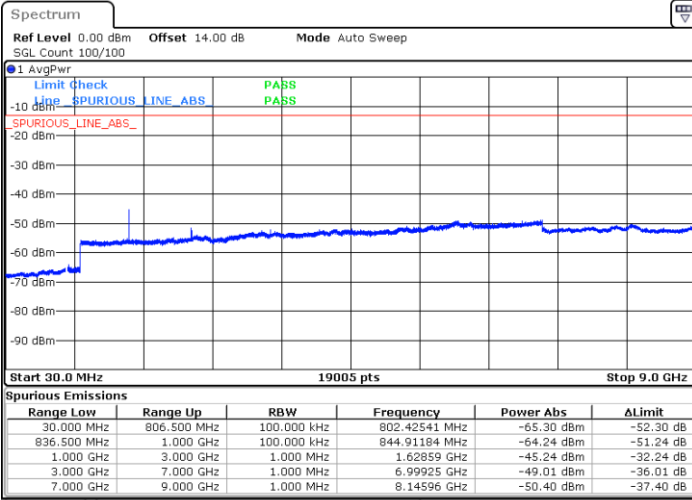
Date: 23.JUN.2020 03:09:37



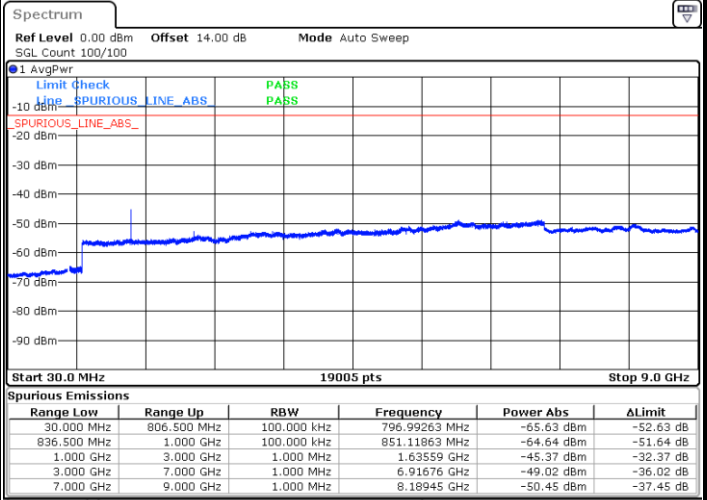
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



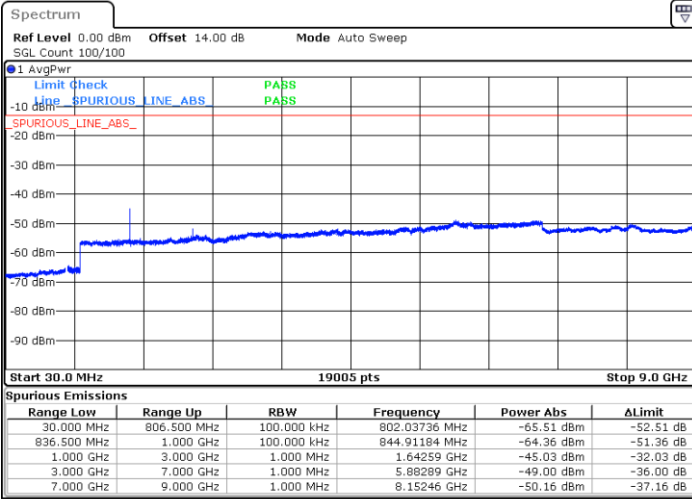
Date: 23.JUN.2020 03:57:18



Date: 23.JUN.2020 03:59:16

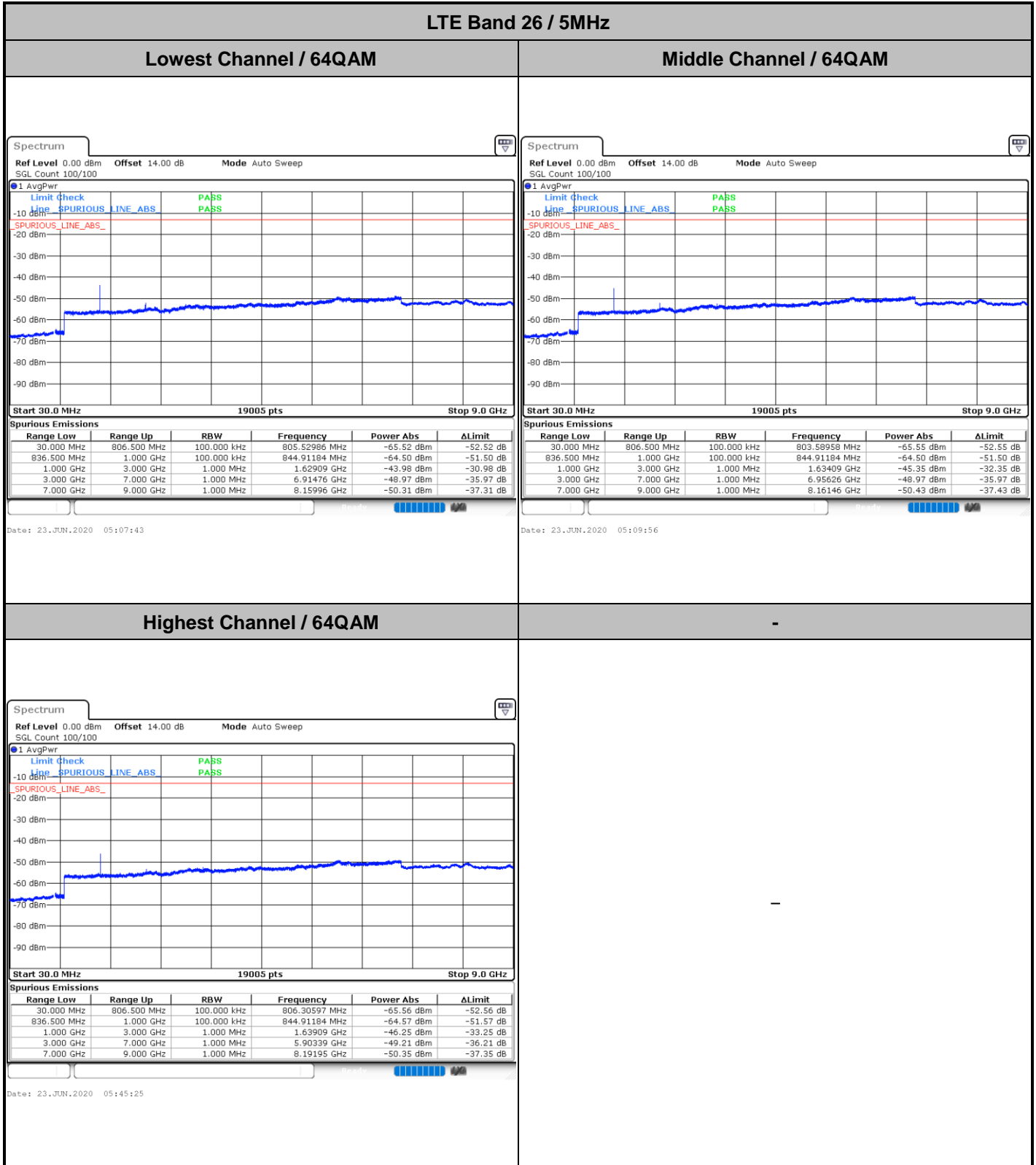
Highest Channel / 64QAM

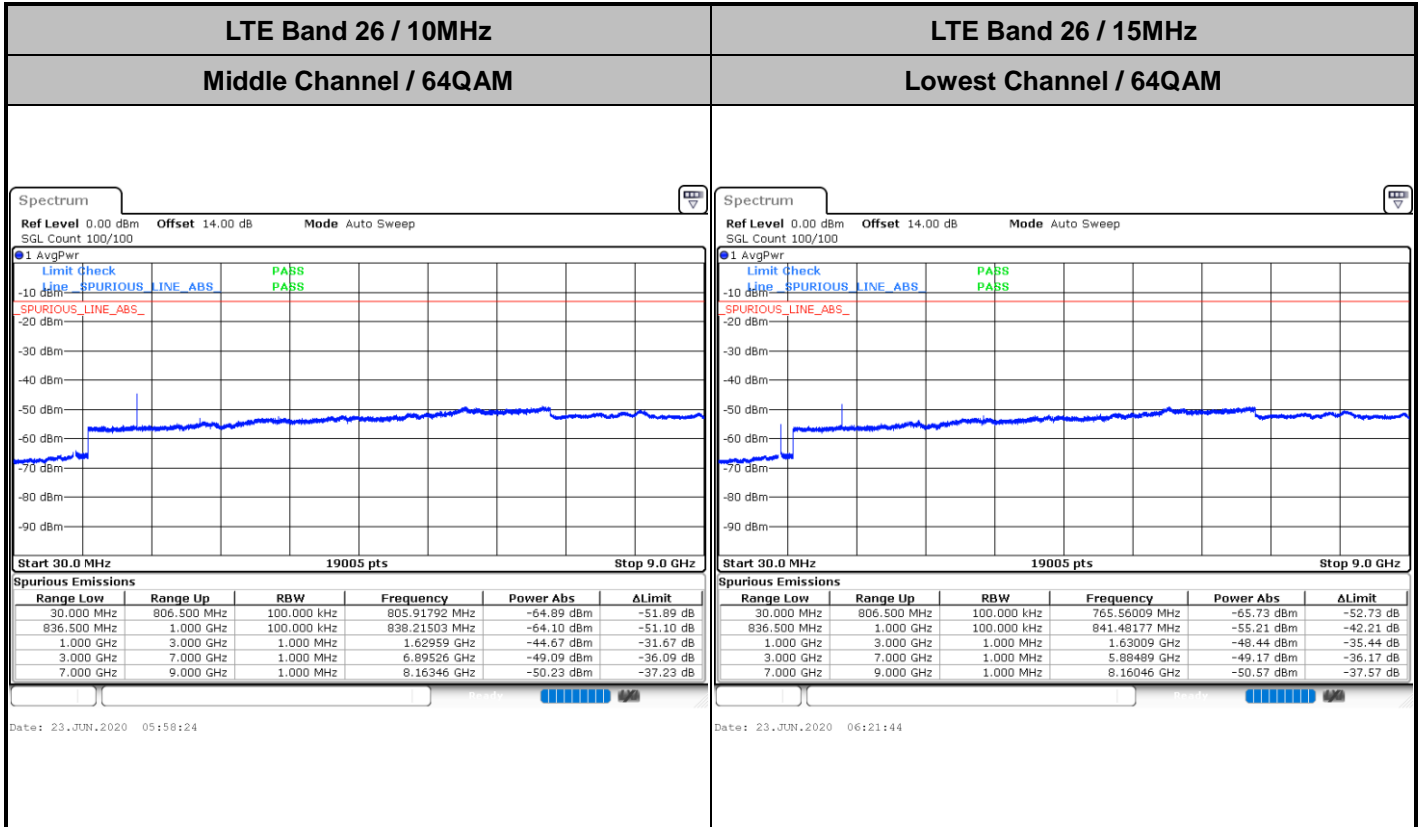
-



Date: 23.JUN.2020 04:11:38









### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.45 V.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Top Antenna:

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)
Middle	1633.5	-64.03	-13	-51.03	-73.37	-67.28	4.00	9.40	H
	2450.25	-59.99	-13	-46.99	-73.43	-63.56	4.88	10.60	H
	3267	-61.21	-13	-48.21	-76.84	-66.14	5.52	12.60	H
	1633.5	-64.72	-13	-51.72	-73.54	-67.97	4.00	9.40	V
	2450.25	-62.31	-13	-49.31	-75.52	-65.88	4.88	10.60	V
	3267	-61.72	-13	-48.72	-77.00	-66.65	5.52	12.60	V

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

Bottom Antenna:

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	1629	-64.85	-13	-51.85	-74.19	-68.10	4.00	9.40	H
	2443.5	-62.89	-13	-49.89	-76.33	-66.46	4.88	10.60	H
	3258	-61.60	-13	-48.60	-77.23	-66.53	5.52	12.60	H
	1629	-65.37	-13	-52.37	-74.19	-68.62	4.00	9.40	V
	2443.5	-63.00	-13	-50.00	-76.21	-66.57	4.88	10.60	V
	3258	-62.18	-13	-49.18	-77.46	-67.11	5.52	12.60	V

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