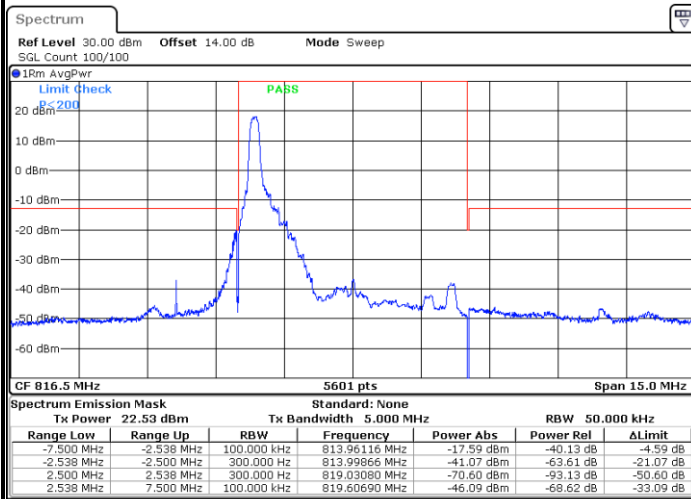




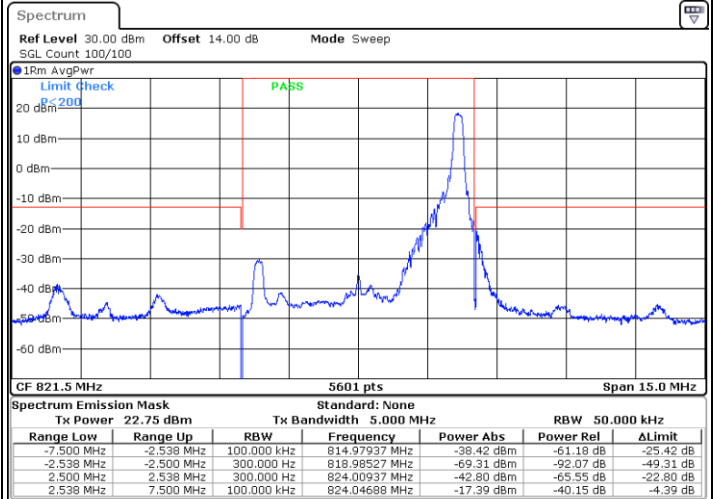
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



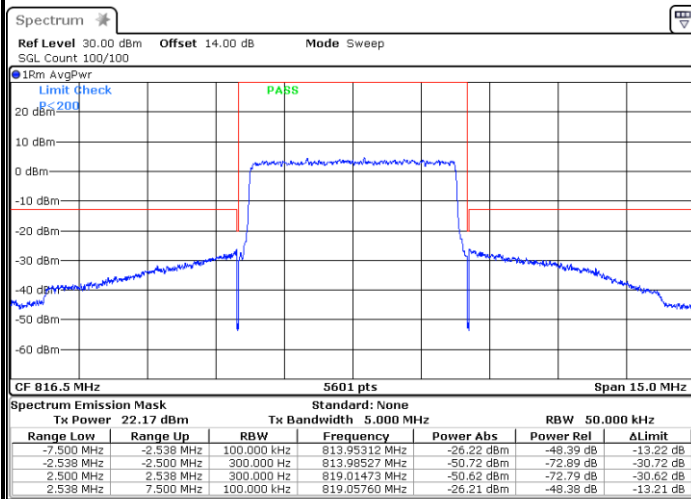
Date: 10.JUN.2020 14:42:40

Highest Band Edge / 1 RB



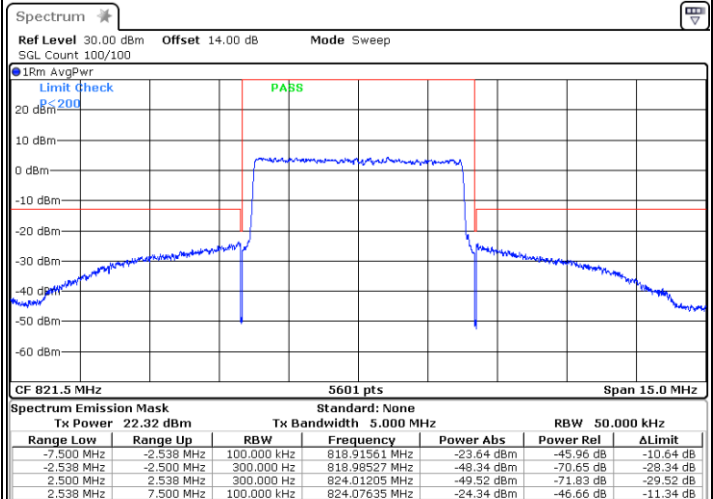
Date: 10.JUN.2020 14:53:06

Lowest Band Edge / Full RB



Date: 10.JUN.2020 14:44:14

Highest Band Edge / Full RB

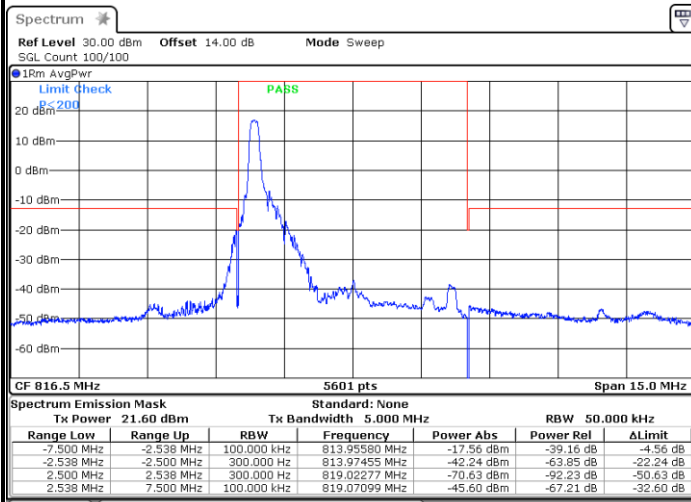


Date: 10.JUN.2020 14:54:42



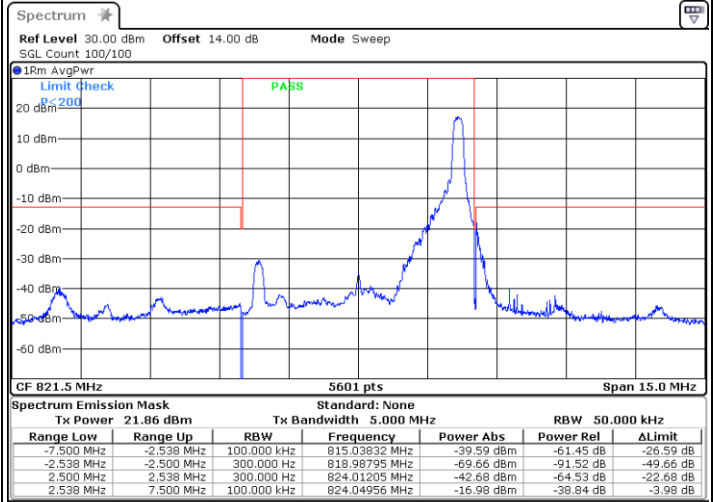
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



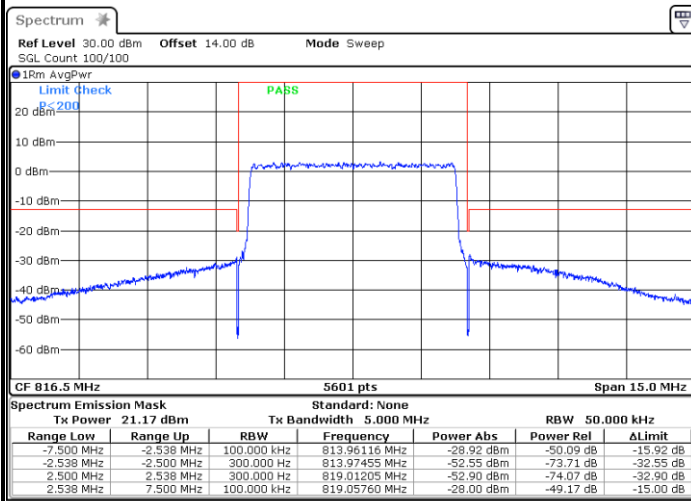
Date: 10.JUN.2020 14:43:46

Highest Band Edge / 1 RB



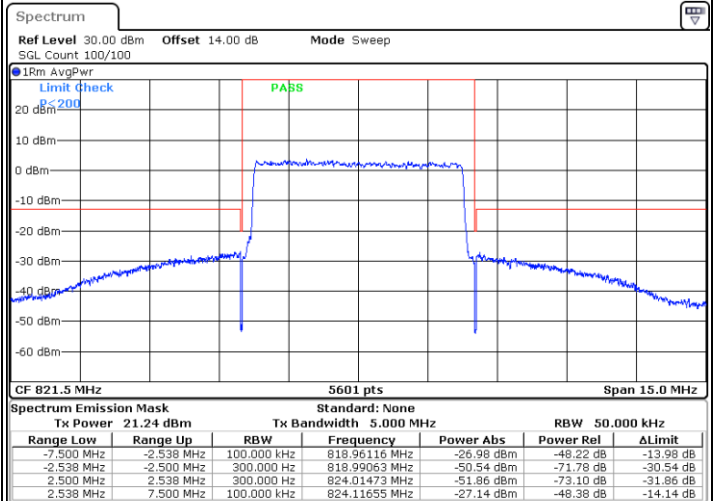
Date: 10.JUN.2020 14:54:11

Lowest Band Edge / Full RB



Date: 10.JUN.2020 14:52:37

Highest Band Edge / Full RB

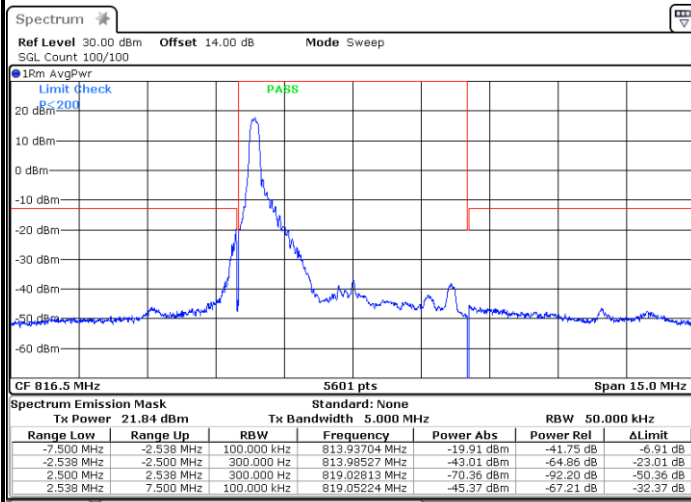


Date: 10.JUN.2020 14:55:11



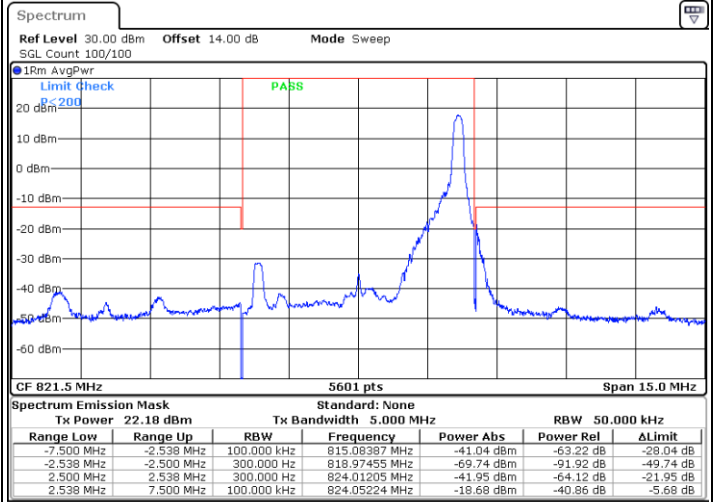
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



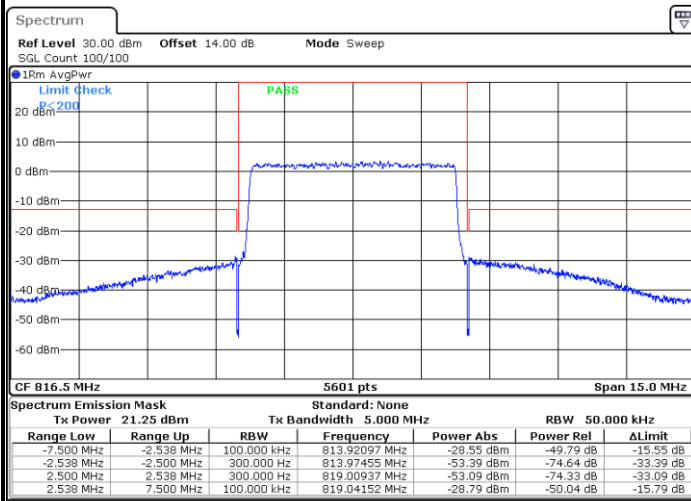
Date: 10.JUN.2020 15:37:25

Highest Band Edge / 1 RB



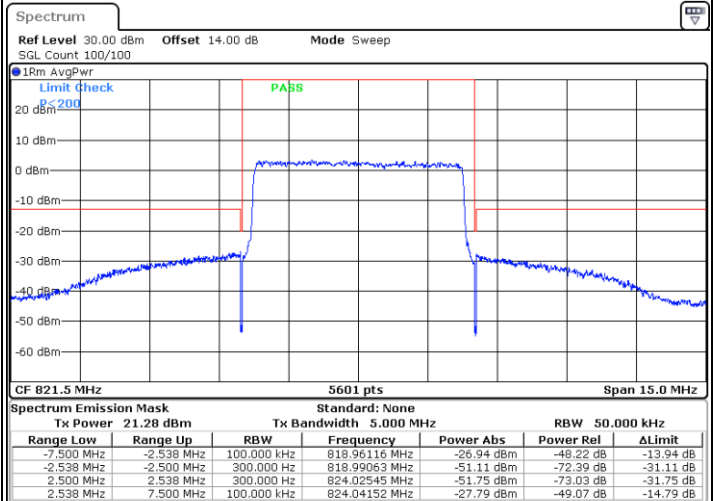
Date: 10.JUN.2020 15:38:20

Lowest Band Edge / Full RB



Date: 10.JUN.2020 15:37:53

Highest Band Edge / Full RB

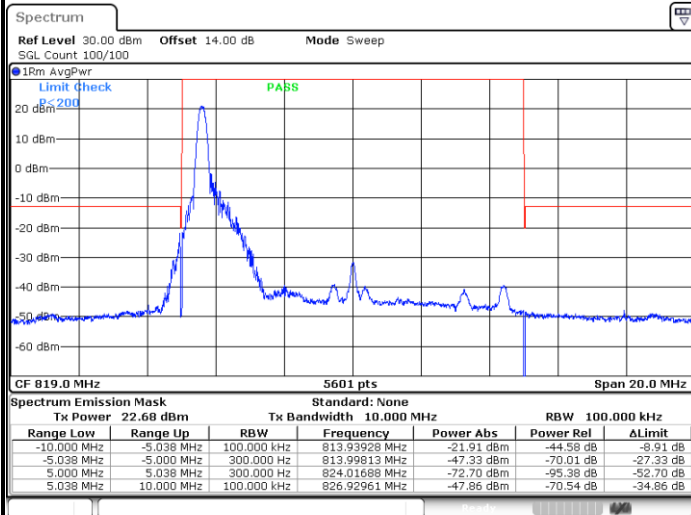


Date: 10.JUN.2020 15:38:49

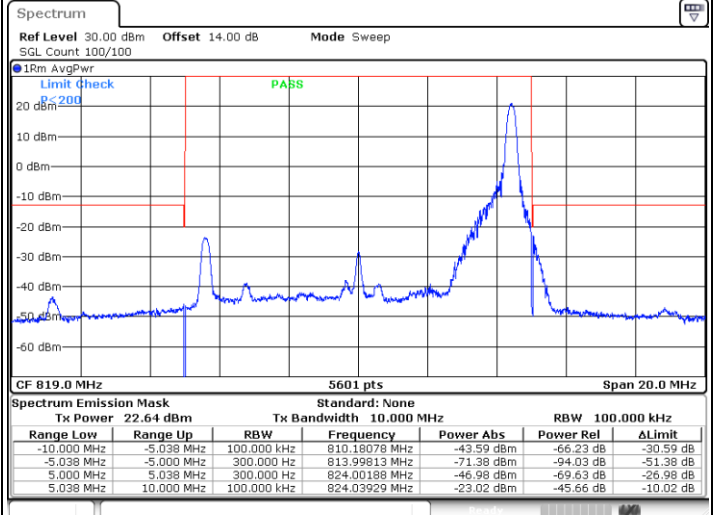


LTE Band 26 / 10MHz / QPSK

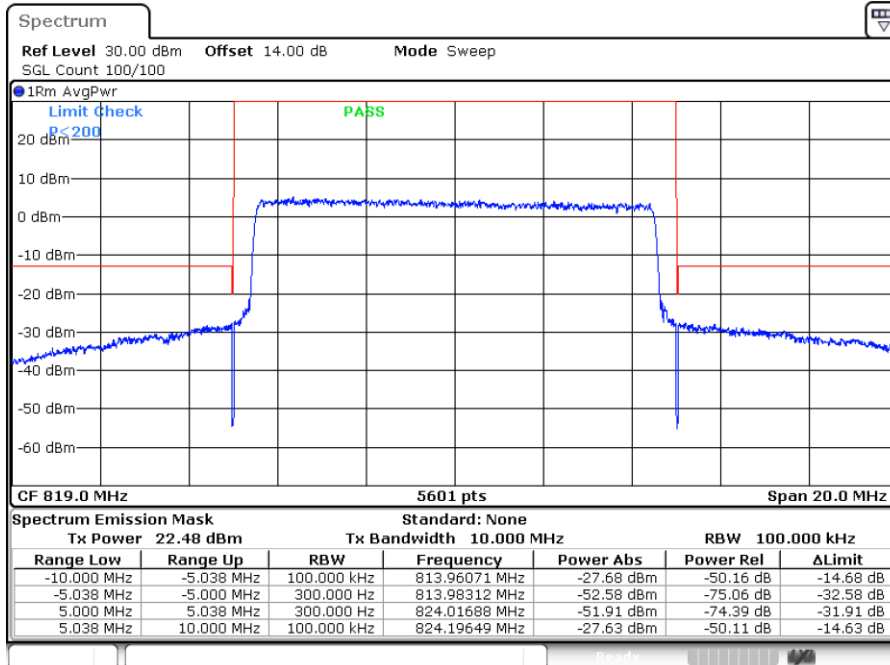
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



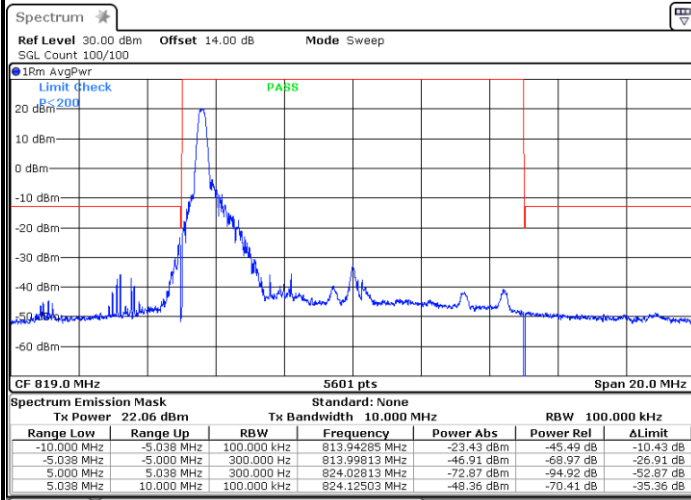
Band Edge / Full RB



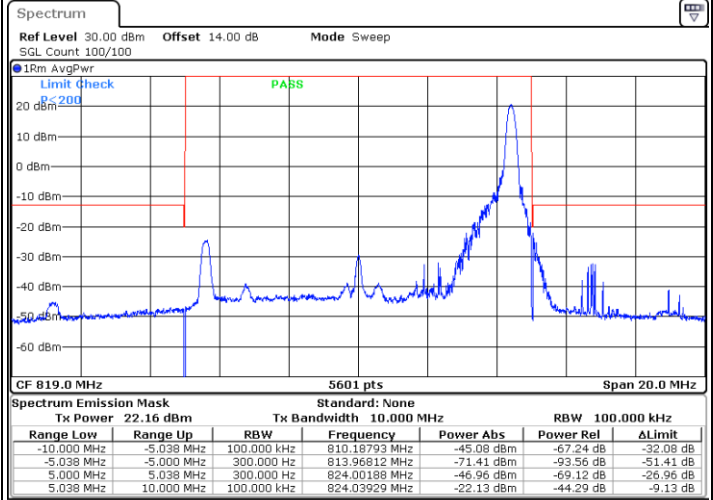


LTE Band 26 / 10MHz / 16QAM

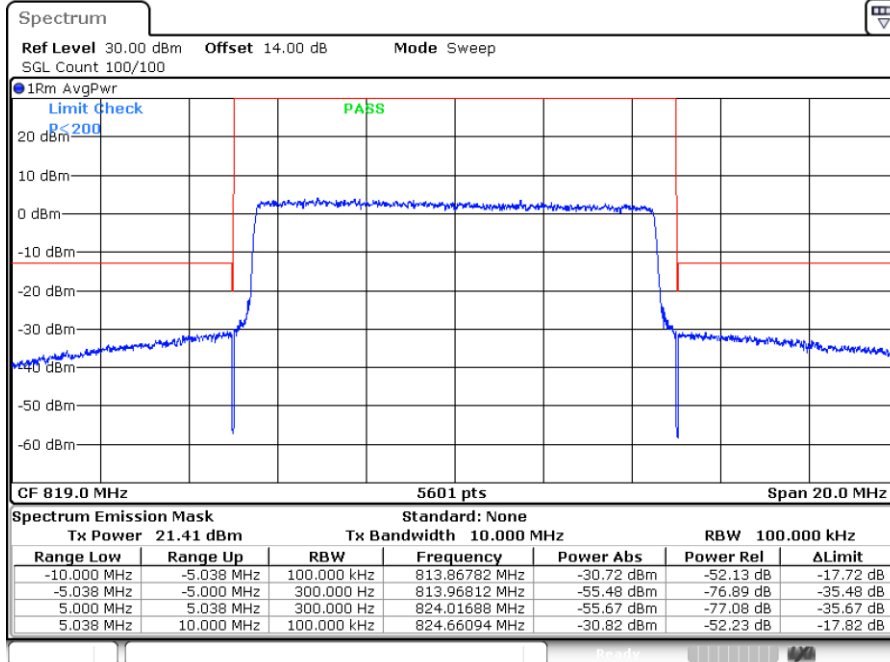
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



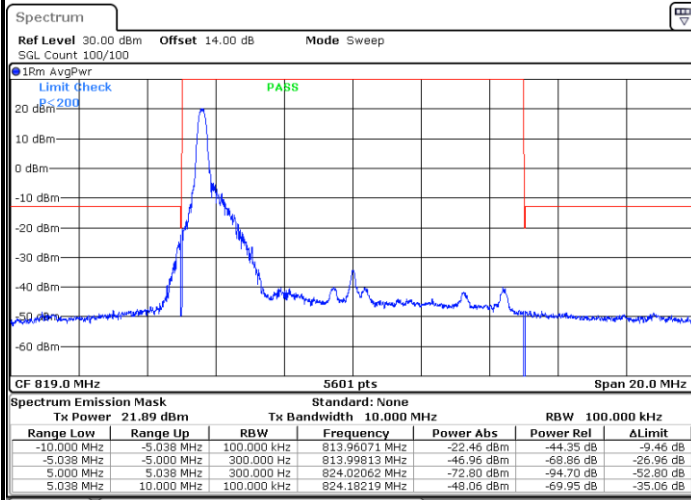
Band Edge / Full RB





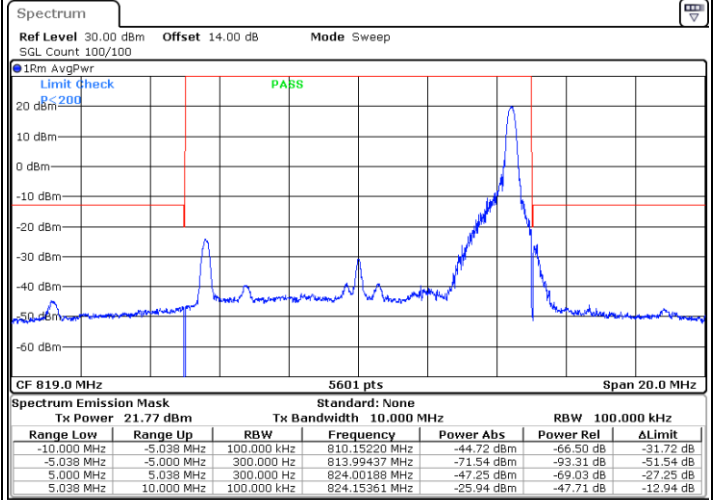
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



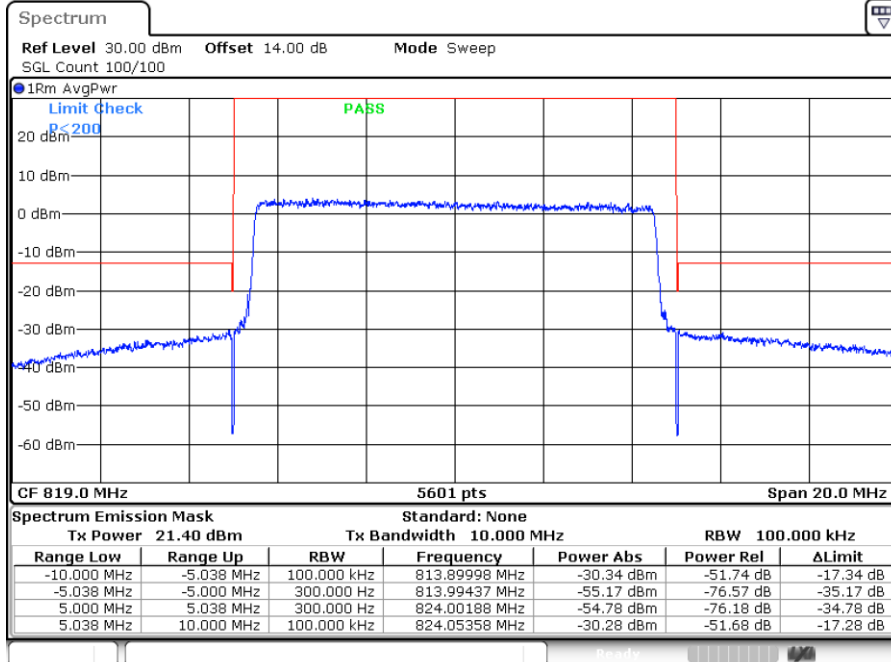
Date: 11.JUN.2020 10:50:31

Highest Band Edge / 1 RB



Date: 11.JUN.2020 10:51:24

Band Edge / Full RB

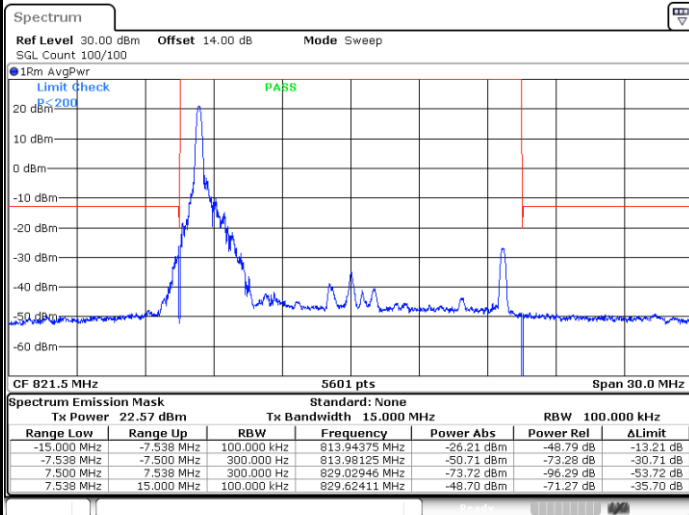


Date: 11.JUN.2020 10:47:53

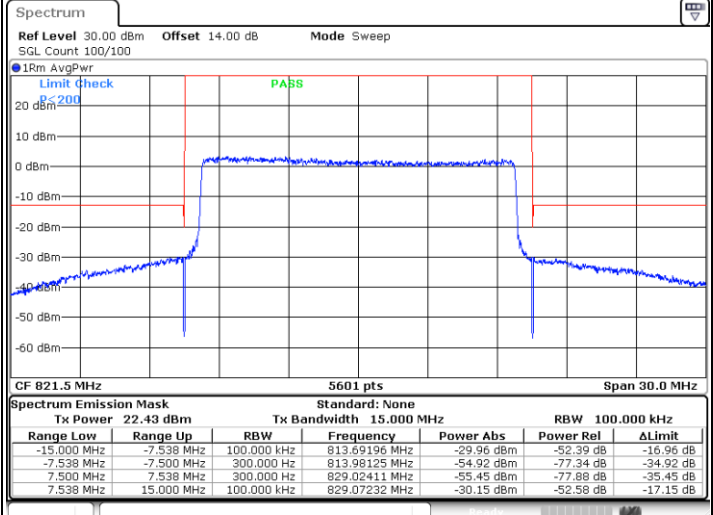


LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB

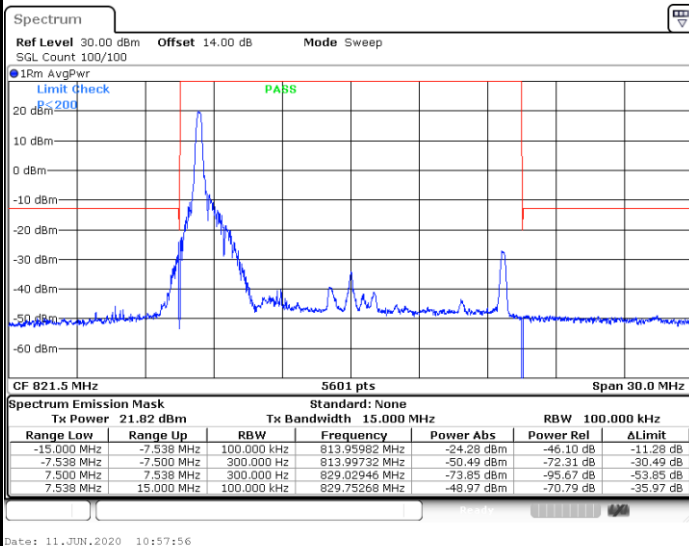


Lowest Band Edge / Full RB

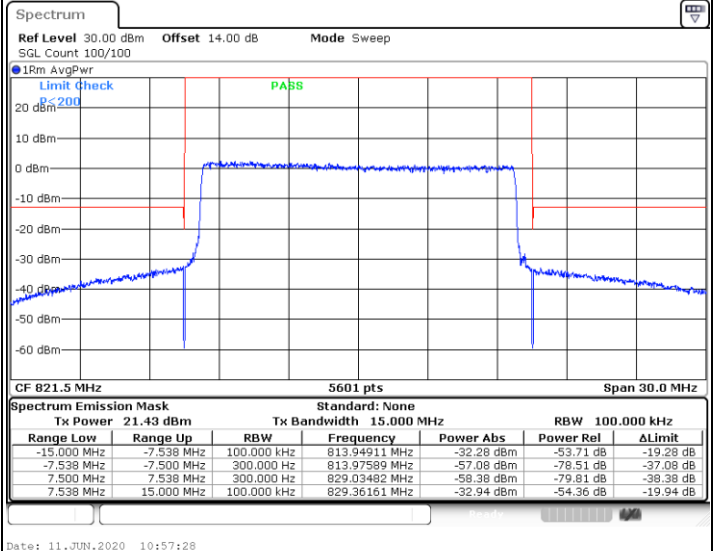


LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



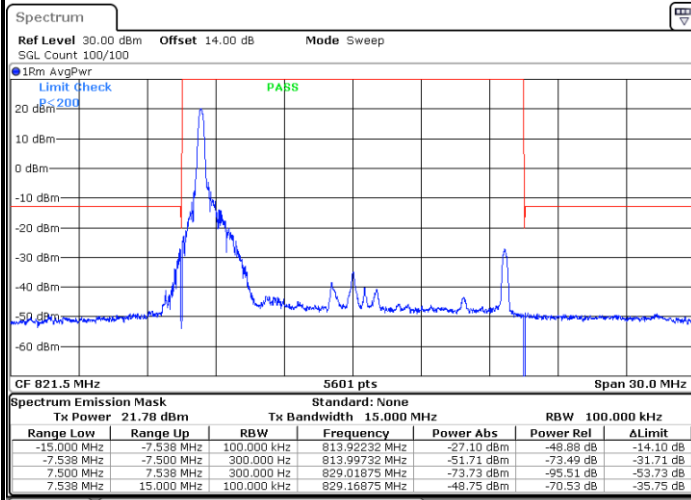
Lowest Band Edge / Full RB





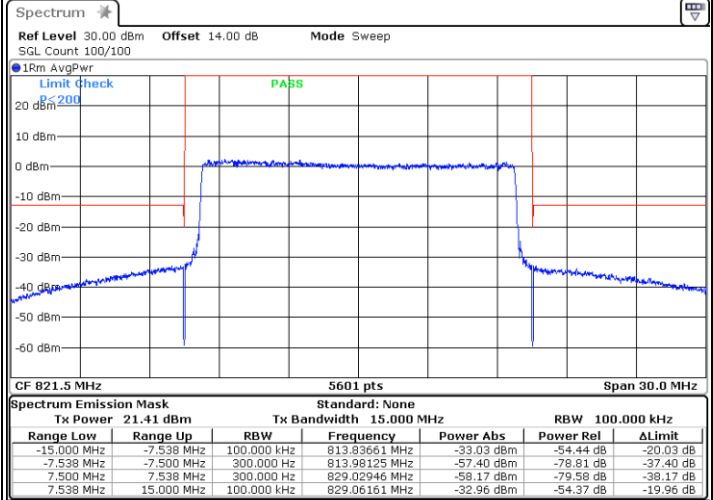
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 11.JUN.2020 10:55:33

Lowest Band Edge / Full RB



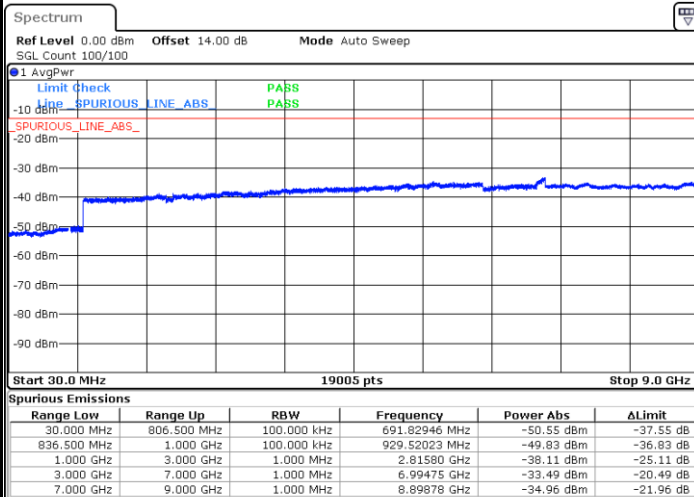
Date: 11.JUN.2020 10:54:43



Conducted Spurious Emission

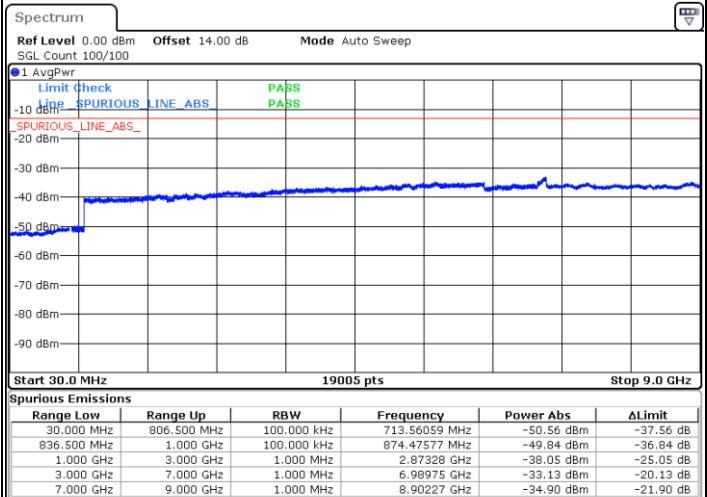
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



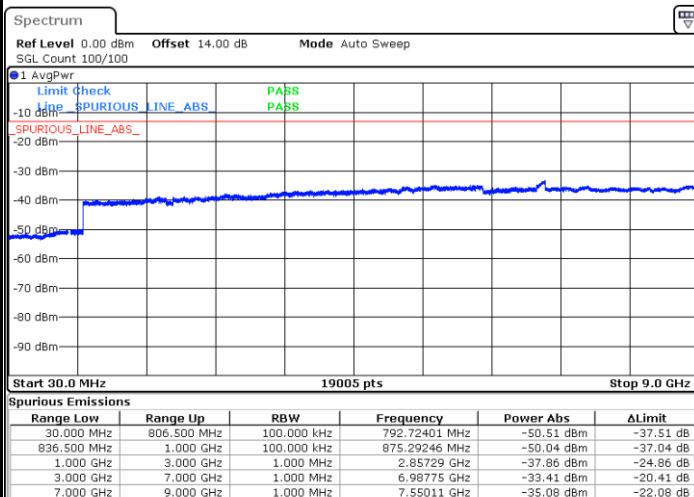
Date: 10.JUN.2020 16:31:13

Lowest Channel / 16QAM



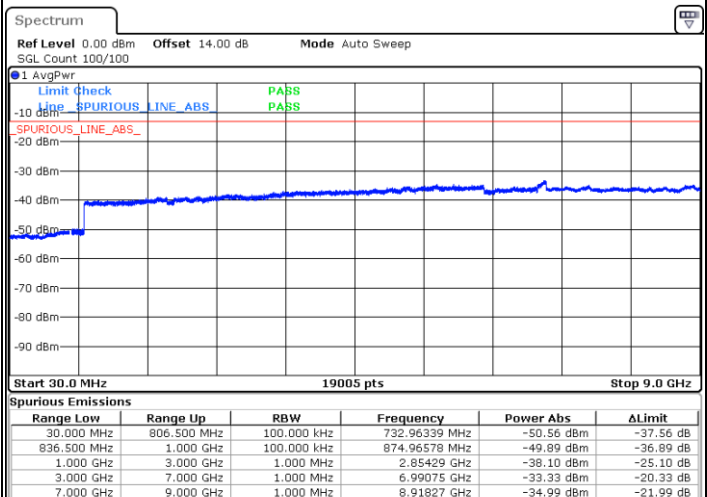
Date: 10.JUN.2020 16:31:55

Middle Channel / QPSK



Date: 10.JUN.2020 16:34:42

Middle Channel / 16QAM

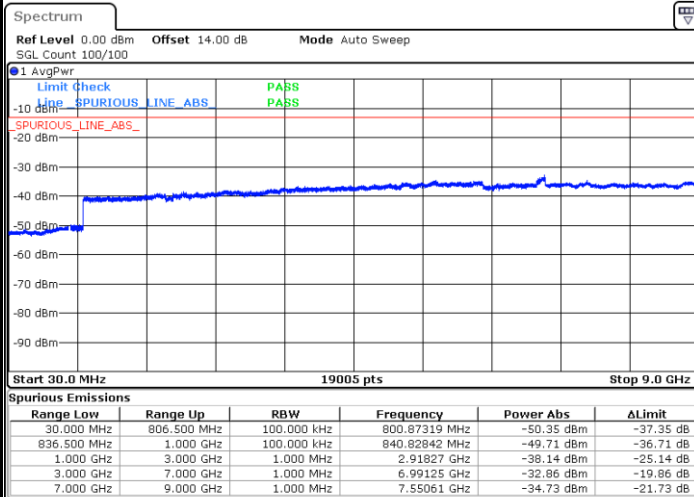


Date: 10.JUN.2020 16:35:15



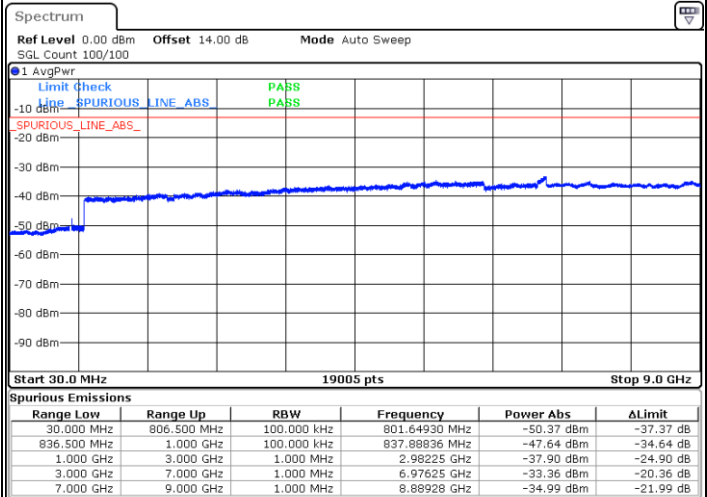
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 10.JUN.2020 16:39:34

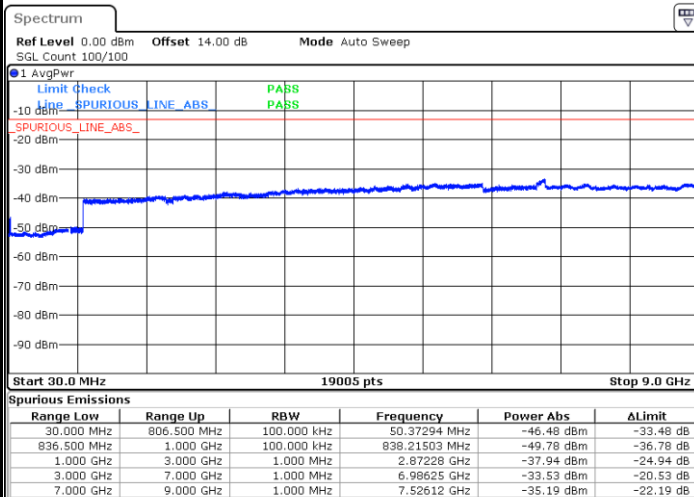
Highest Channel / 16QAM



Date: 10.JUN.2020 16:40:07

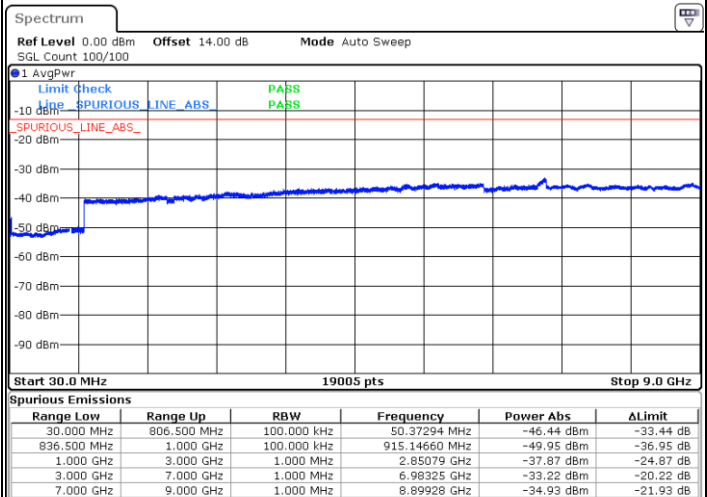
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 11.JUN.2020 10:09:01

Lowest Channel / 16QAM

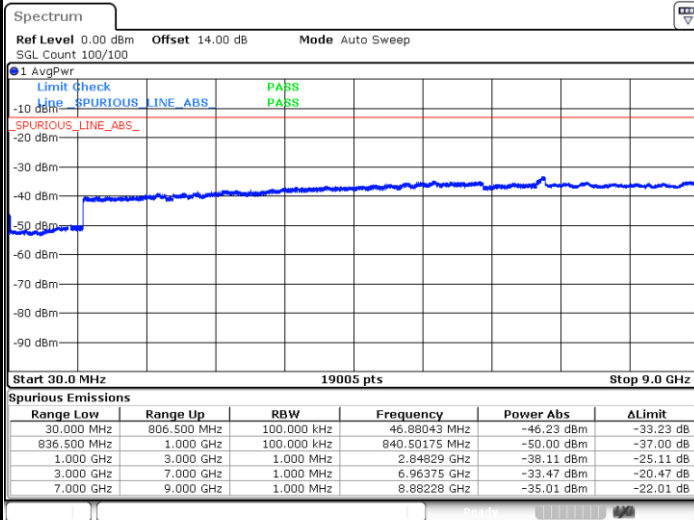


Date: 11.JUN.2020 10:09:46



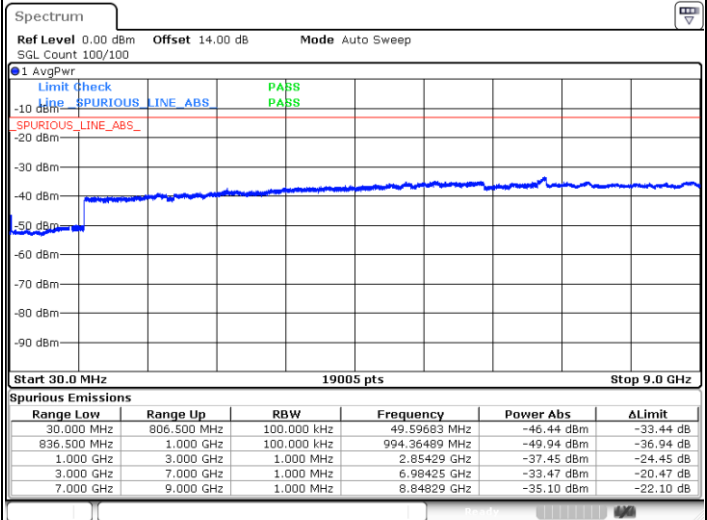
LTE Band 26 / 3MHz

Middle Channel / QPSK



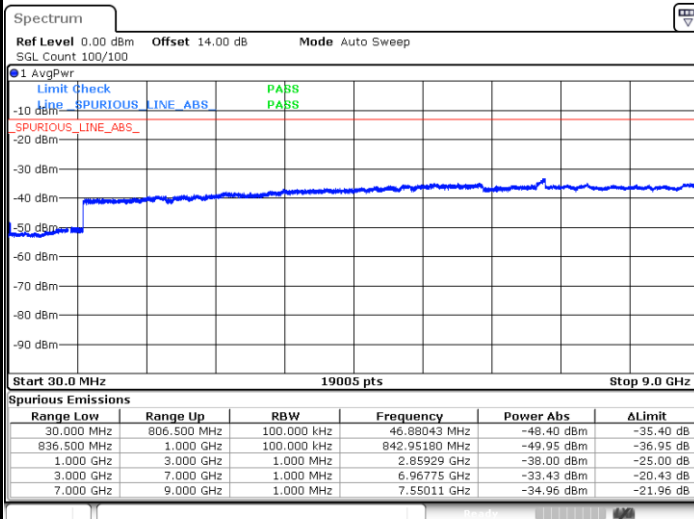
Date: 11.JUN.2020 10:13:30

Middle Channel / 16QAM



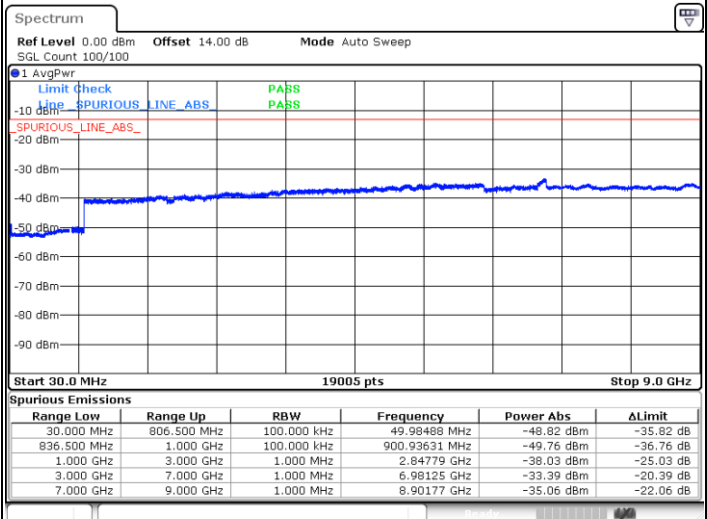
Date: 11.JUN.2020 10:14:24

Highest Channel / QPSK



Date: 11.JUN.2020 10:22:16

Highest Channel / 16QAM

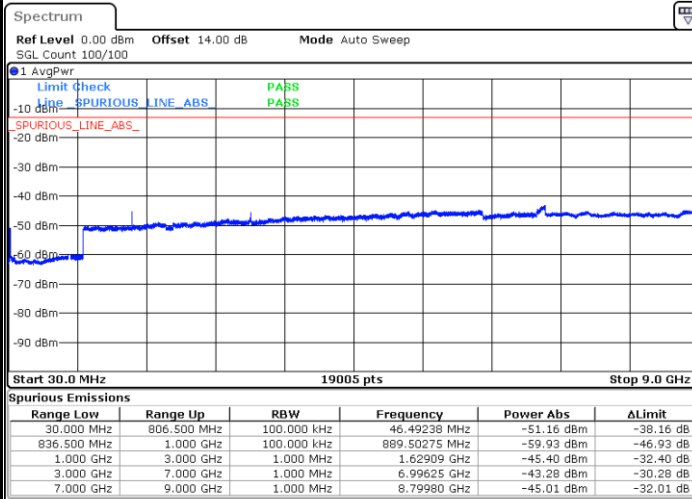


Date: 11.JUN.2020 10:20:58



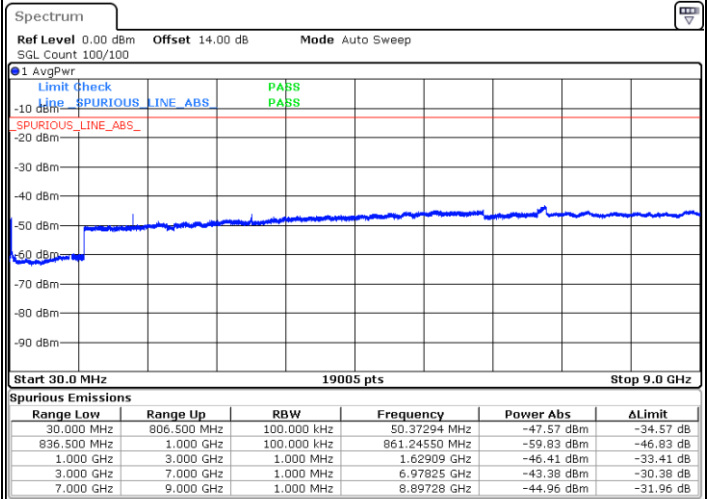
LTE Band 26 / 5MHz

Lowest Channel / QPSK



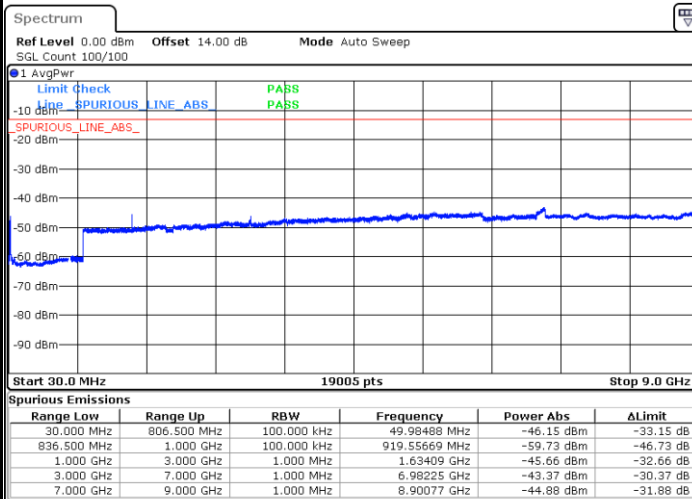
Date: 11.JUN.2020 10:23:54

Lowest Channel / 16QAM



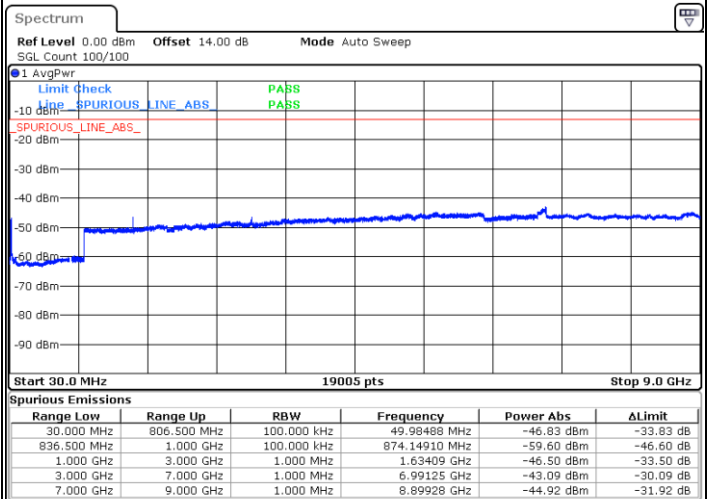
Date: 11.JUN.2020 10:25:38

Middle Channel / QPSK



Date: 11.JUN.2020 10:36:33

Middle Channel / 16QAM

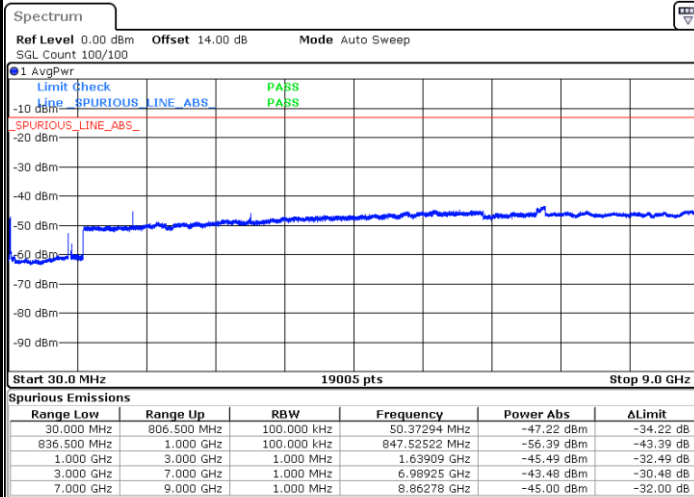


Date: 11.JUN.2020 10:30:35



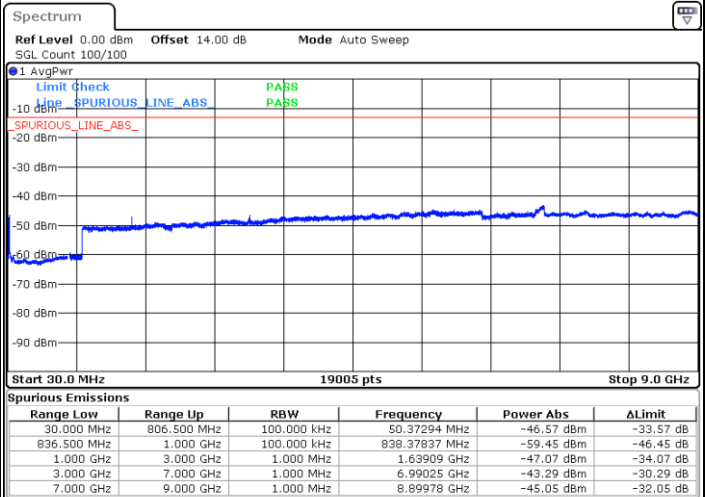
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 11.JUN.2020 10:34:48

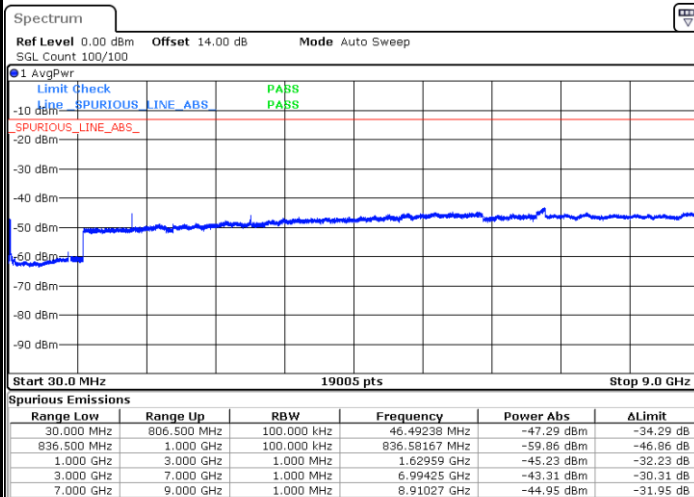
Highest Channel / 16QAM



Date: 11.JUN.2020 10:33:12

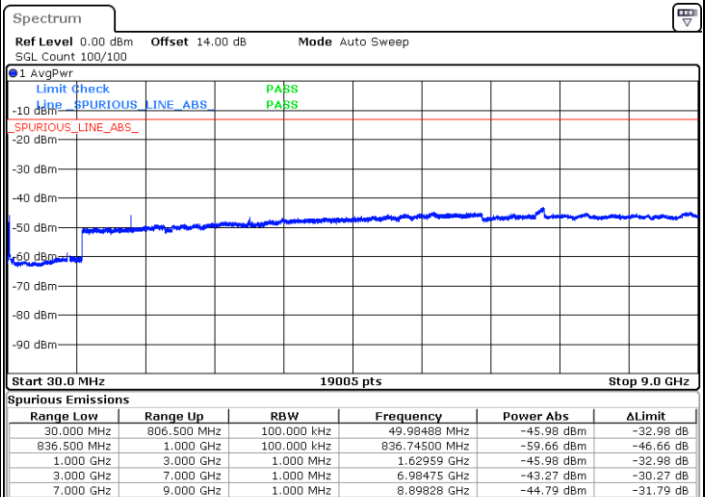
LTE Band 26 / 10MHz

Middle Channel / QPSK



Date: 11.JUN.2020 10:38:57

Middle Channel / 16QAM

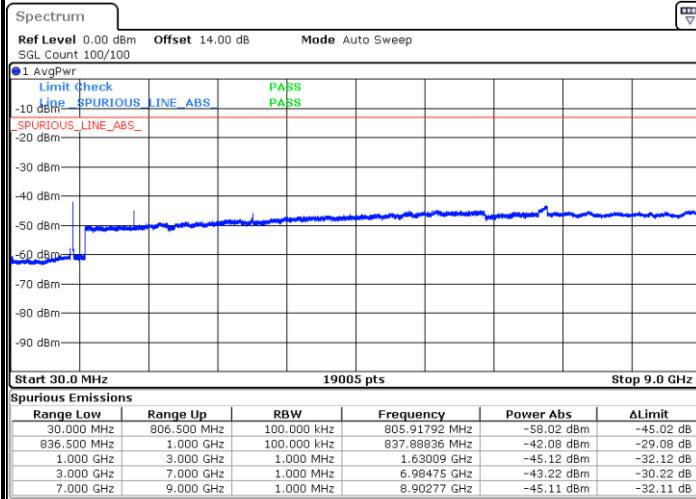


Date: 11.JUN.2020 10:44:58



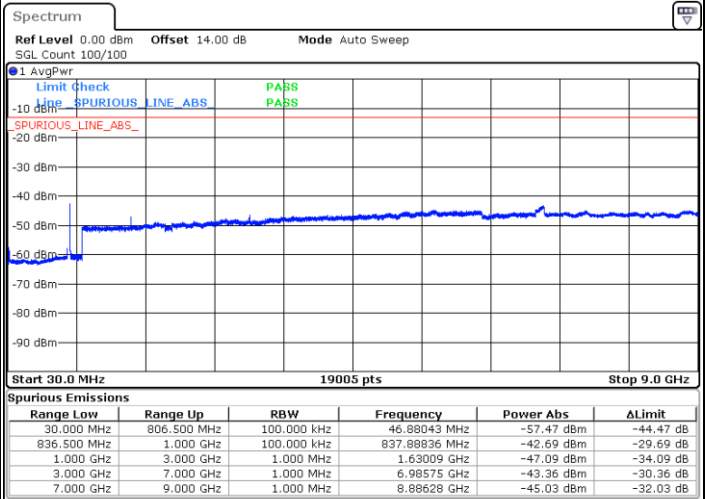
LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 11.JUN.2020 11:01:22

Lowest Channel / 16QAM

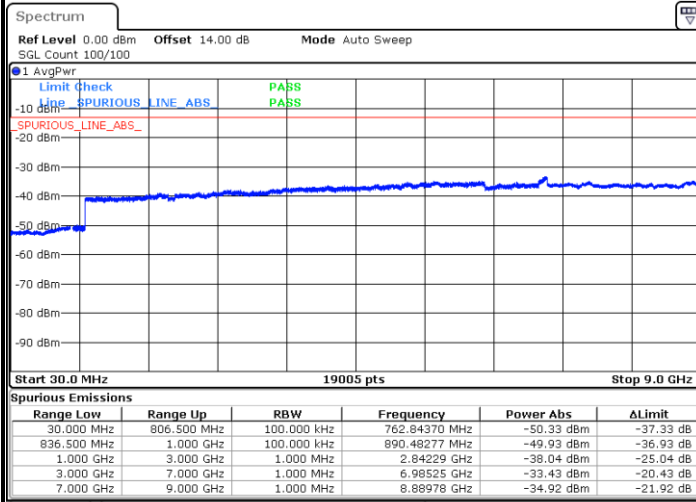


Date: 11.JUN.2020 10:58:37



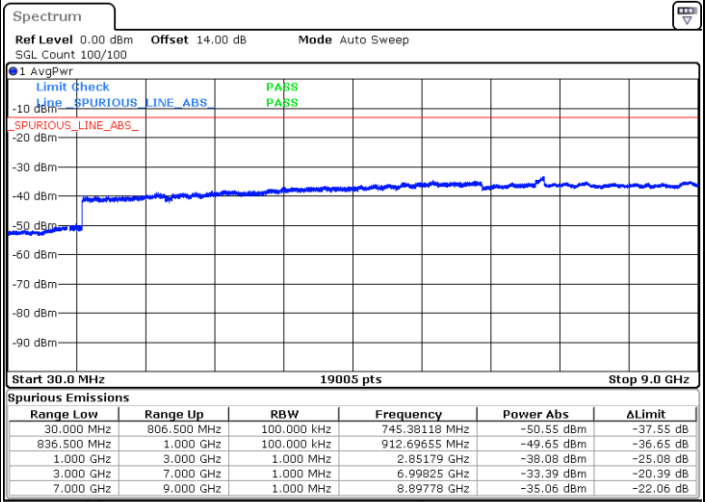
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



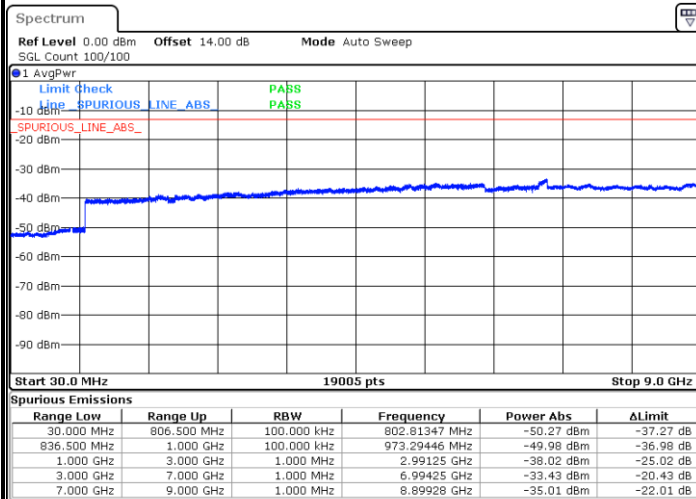
Date: 10.JUN.2020 16:33:36

Middle Channel / 64QAM



Date: 10.JUN.2020 16:36:38

Highest Channel / 64QAM

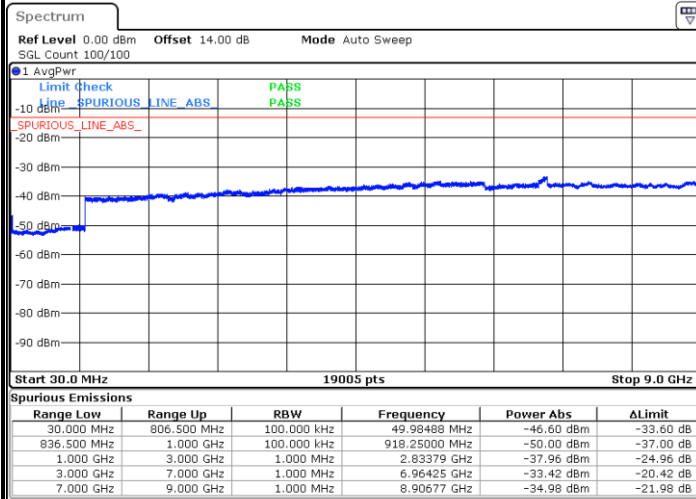


Date: 10.JUN.2020 16:42:23



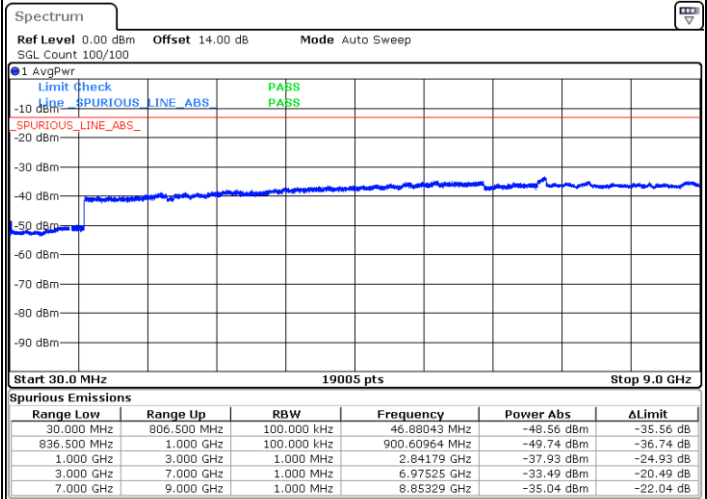
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



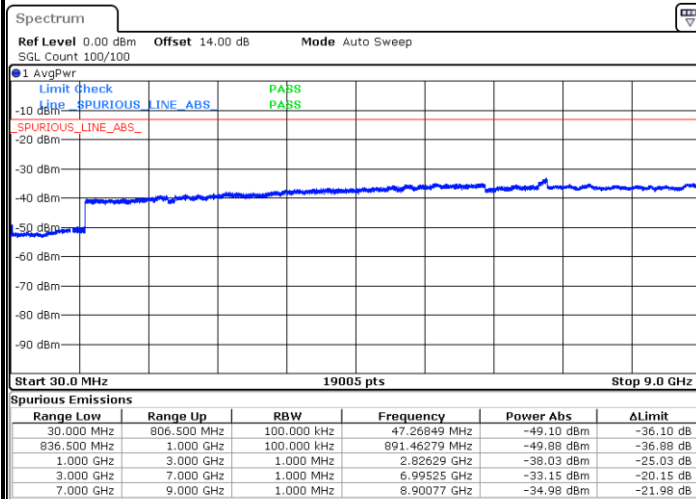
Date: 11.JUN.2020 10:11:54

Middle Channel / 64QAM



Date: 11.JUN.2020 10:18:08

Highest Channel / 64QAM

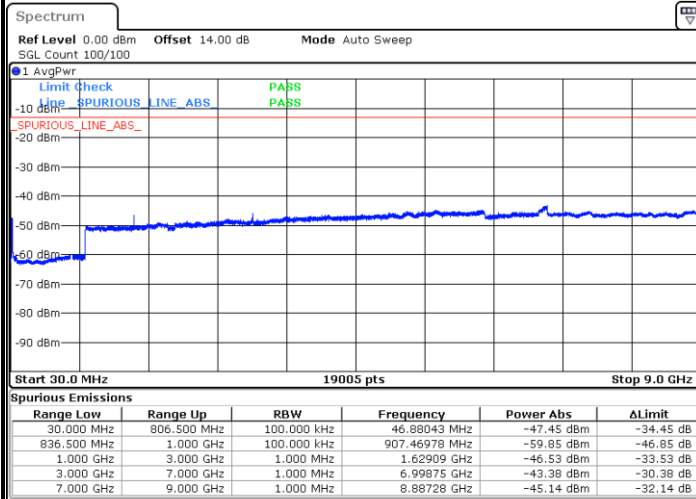


Date: 11.JUN.2020 10:20:24



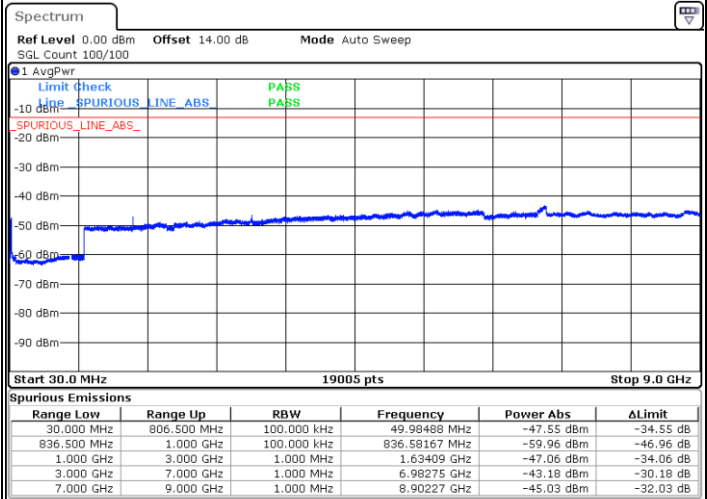
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



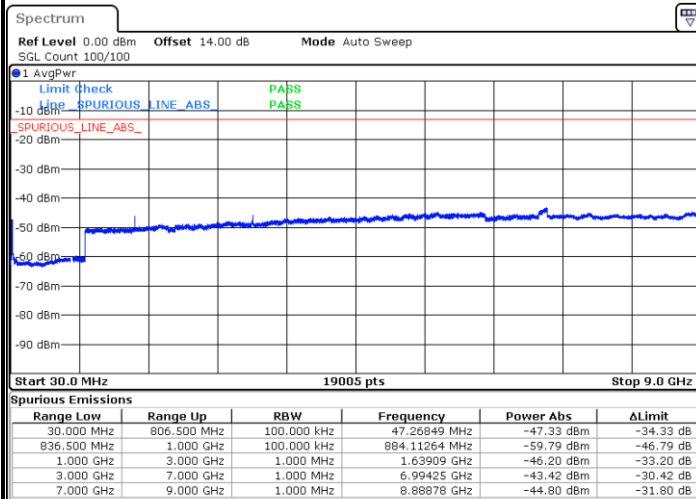
Date: 11.JUN.2020 10:27:33

Middle Channel / 64QAM

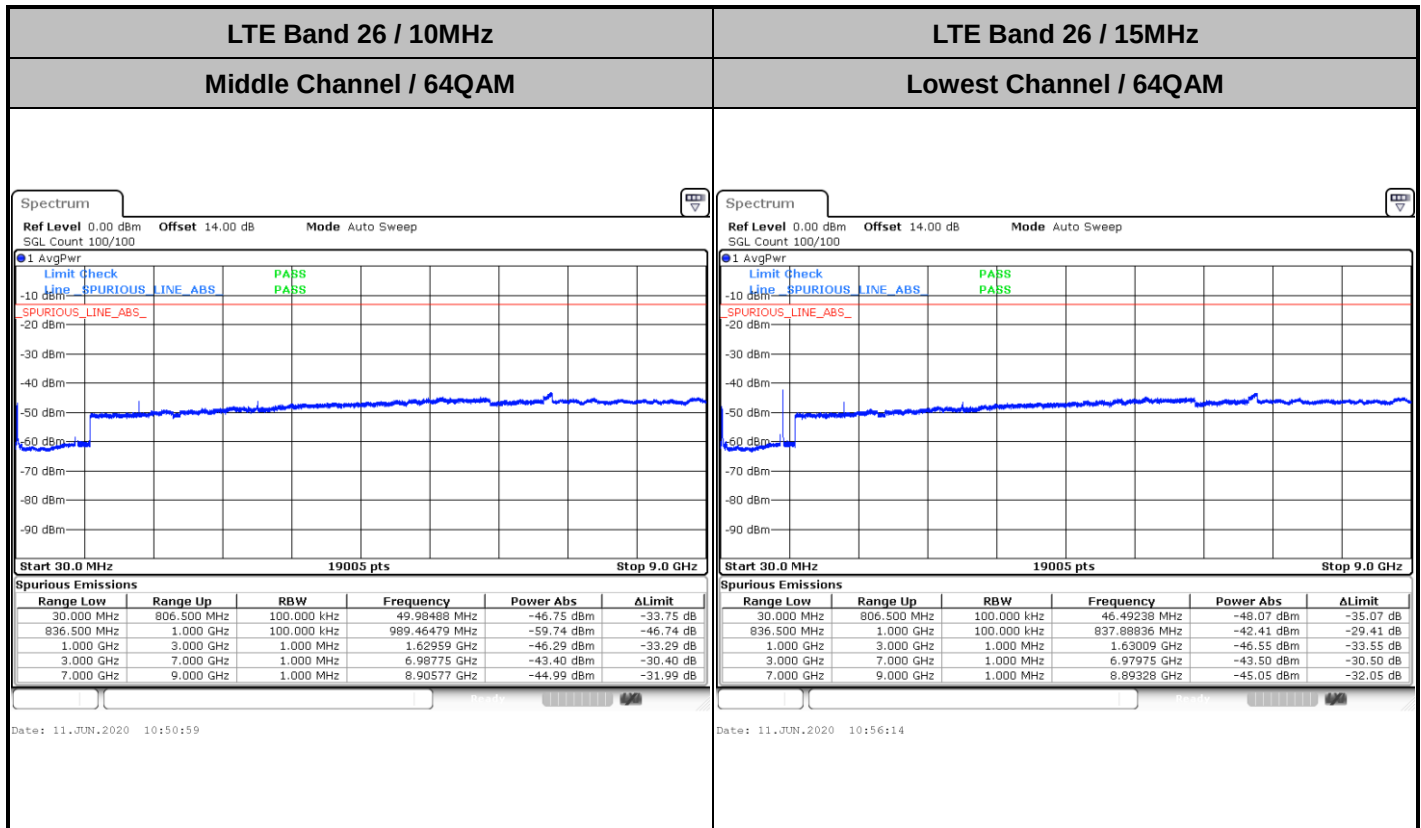


Date: 11.JUN.2020 10:31:06

Highest Channel / 64QAM



Date: 11.JUN.2020 10:32:25



**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	0.0012	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note: Normal Voltage =3.8 V ; Battery End Point (BEP) =3.5 V ; Maximum Voltage =4.35 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Top Antenna:

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)
Middle	1629.5	-65.63	-13	-52.63	-76.32	-68.88	4.00	9.40	H
	2444.25	-59.29	-13	-46.29	-77.36	-62.86	4.88	10.60	H
	3259	-58.19	-13	-45.19	-78.31	-63.12	5.52	12.60	H
	1629.5	-64.81	-13	-51.81	-76.10	-68.06	4.00	9.40	V
	2444.25	-59.07	-13	-46.07	-77.58	-62.64	4.88	10.60	V
	3259	-56.51	-13	-43.51	-77.90	-61.44	5.52	12.60	V

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

Bottom Antenna:

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)
Middle	1629.5	-65.13	-13	-52.13	-75.82	-68.38	4.00	9.40	H
	2444.25	-58.75	-13	-45.75	-76.82	-62.32	4.88	10.60	H
	3259	-57.75	-13	-44.75	-77.87	-62.68	5.52	12.60	H
	1629.5	-64.27	-13	-51.27	-75.56	-67.52	4.00	9.40	V
	2444.25	-58.62	-13	-45.62	-77.13	-62.19	4.88	10.60	V
	3259	-56.50	-13	-43.50	-77.89	-61.43	5.52	12.60	V

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