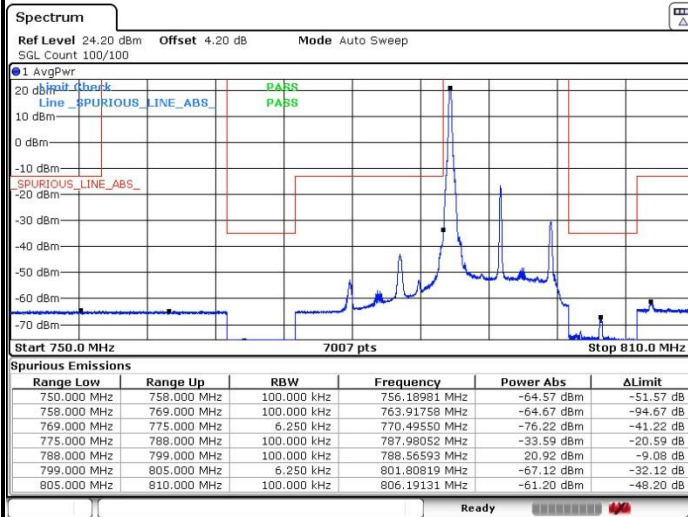




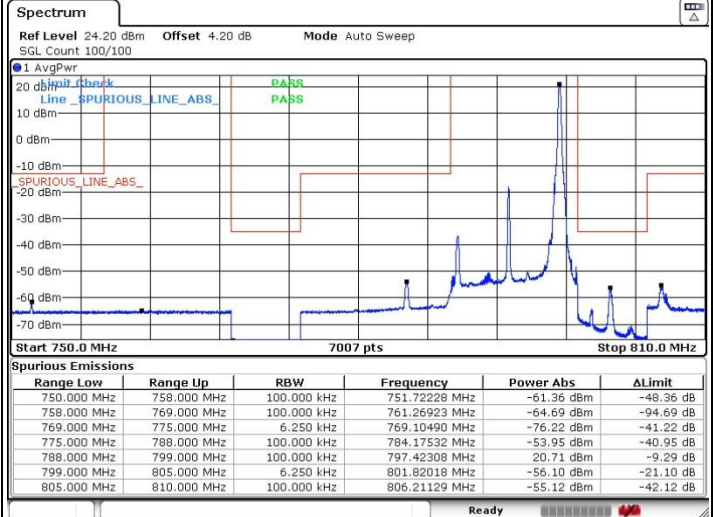
LTE Band 14 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



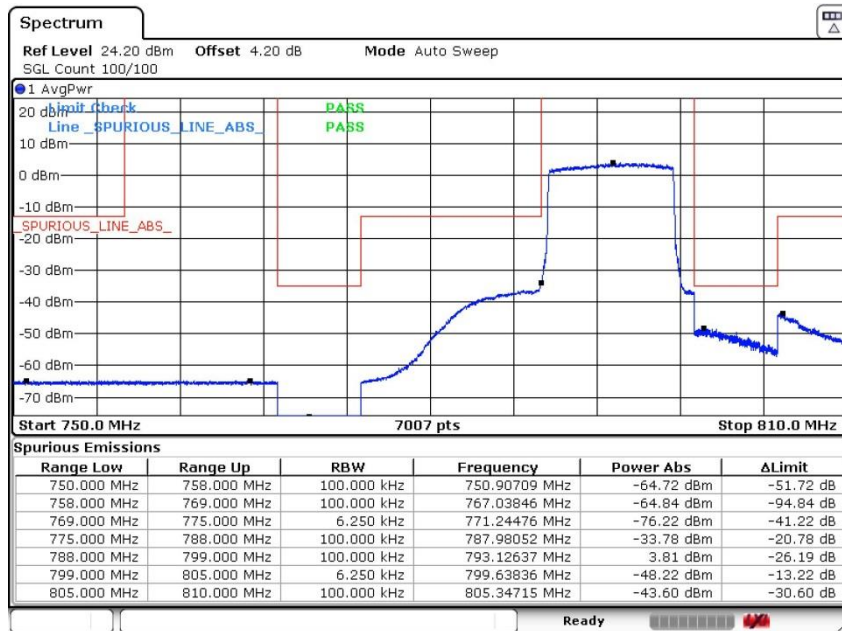
Date: 20 JAN 2020 15:34:02

Highest Band Edge / 1 RB



Date: 20 JAN 2020 15:34:49

Band Edge / Full RB



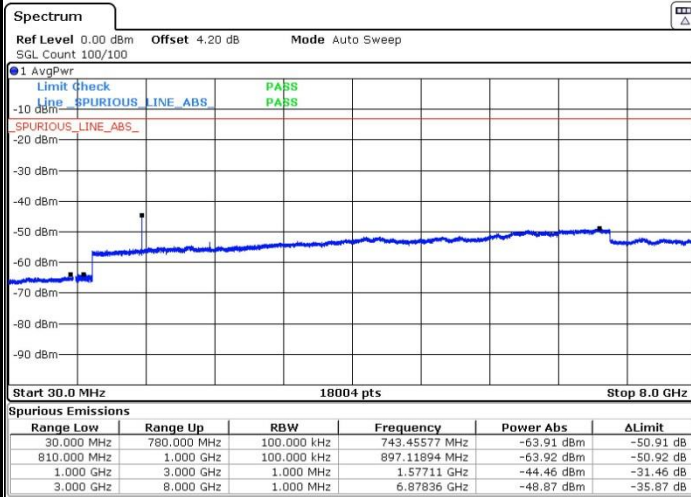
Date: 20 JAN 2020 15:29:26



Conducted Spurious Emission

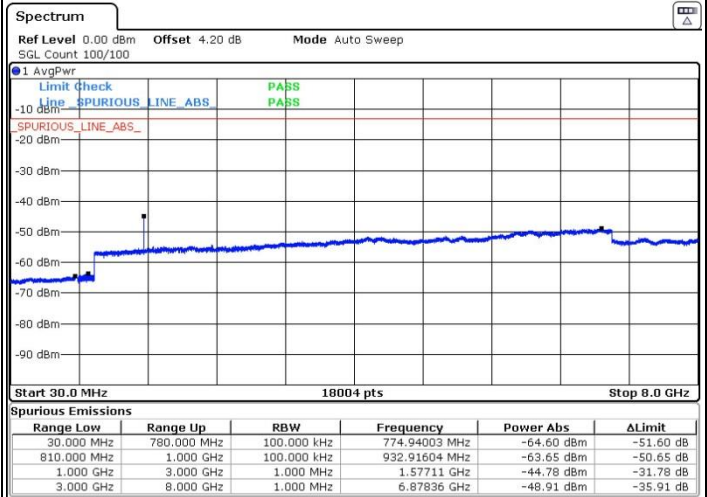
LTE Band 14 / 5MHz

Lowest Channel / QPSK



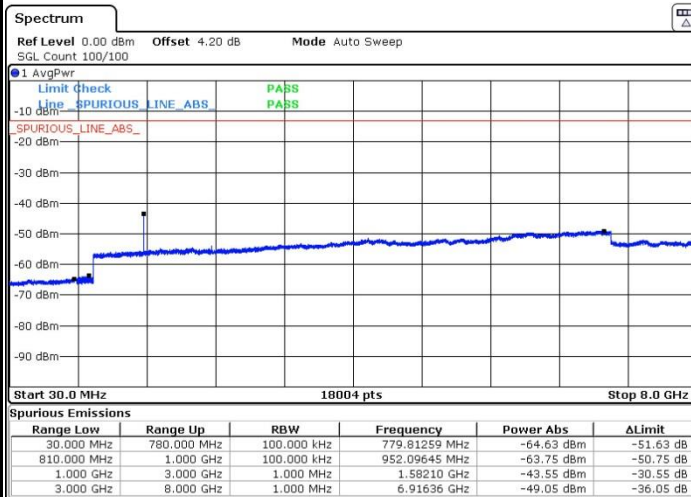
Date: 20 JAN 2020 15:56:39

Lowest Channel / 16QAM



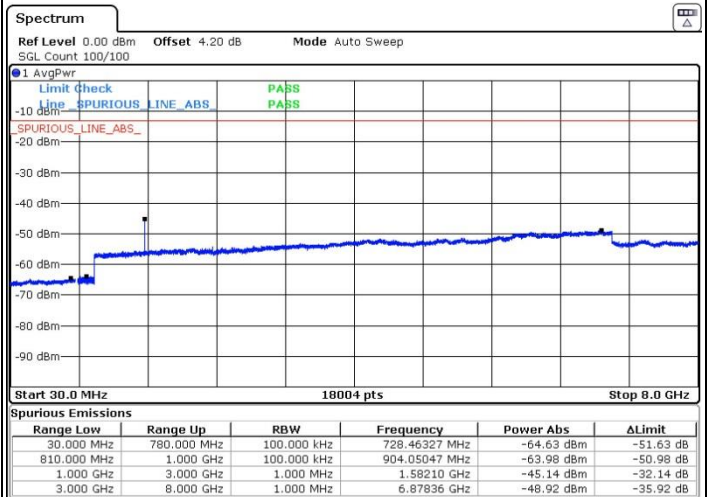
Date: 20 JAN 2020 15:57:14

Middle Channel / QPSK



Date: 20 JAN 2020 15:55:40

Middle Channel / 16QAM

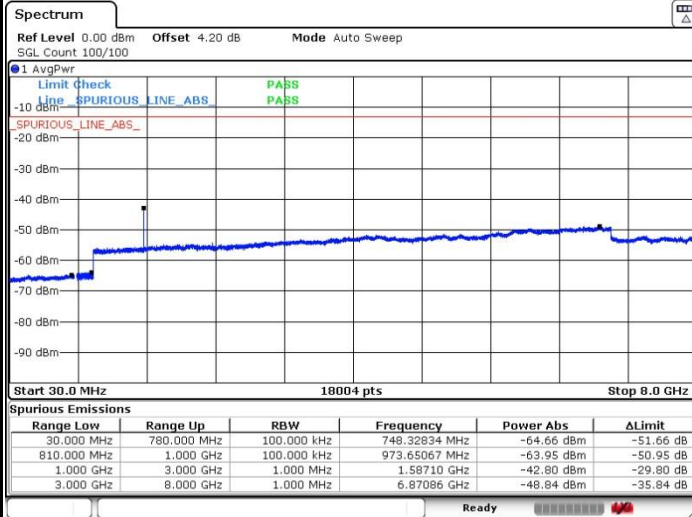


Date: 20 JAN 2020 15:55:17



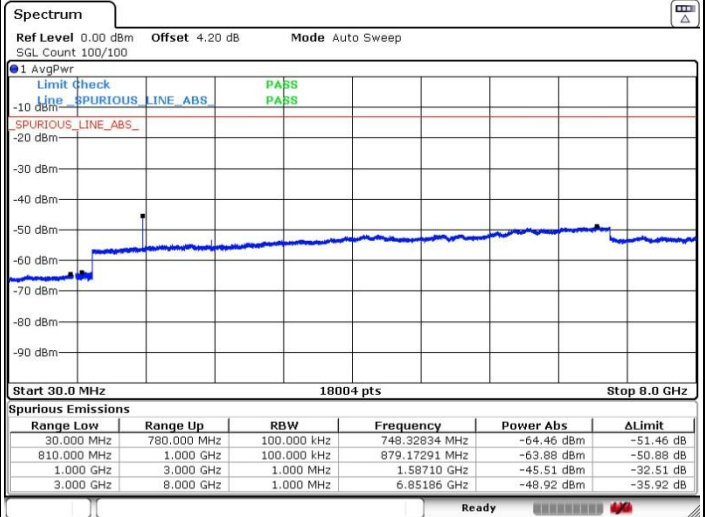
LTE Band 14 / 5MHz

Highest Channel / QPSK



Date: 20 JAN 2020 15:59:57

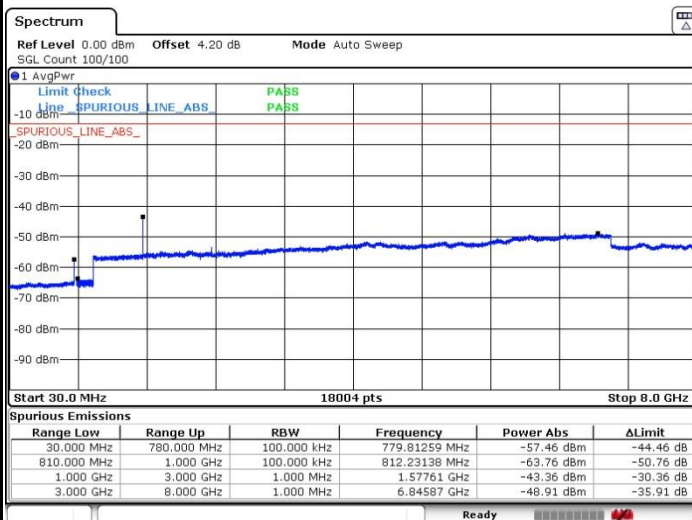
Highest Channel / 16QAM



Date: 20 JAN 2020 15:59:31

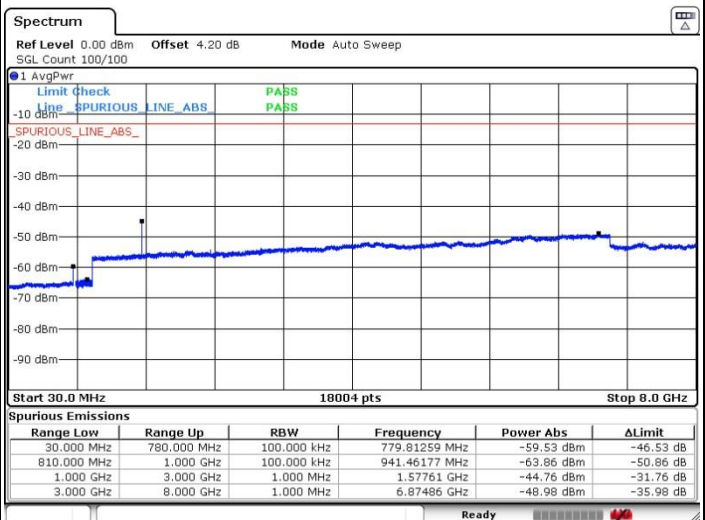
LTE Band 14 / 10MHz

Middle Channel / QPSK



Date: 20 JAN 2020 15:51:39

Middle Channel / 16QAM

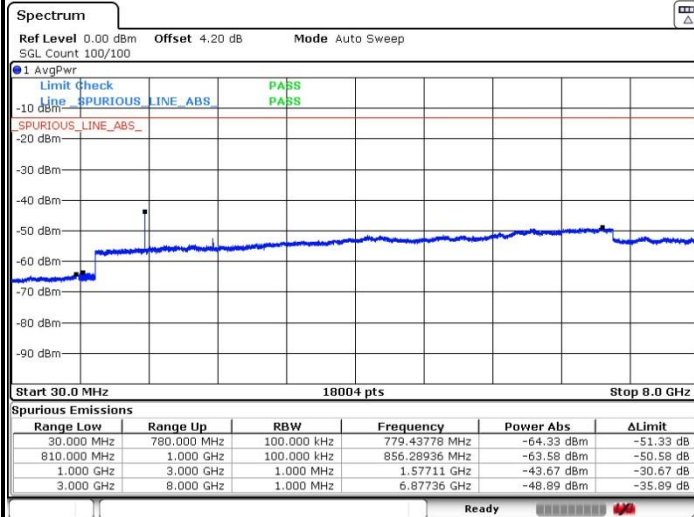


Date: 20 JAN 2020 15:52:39



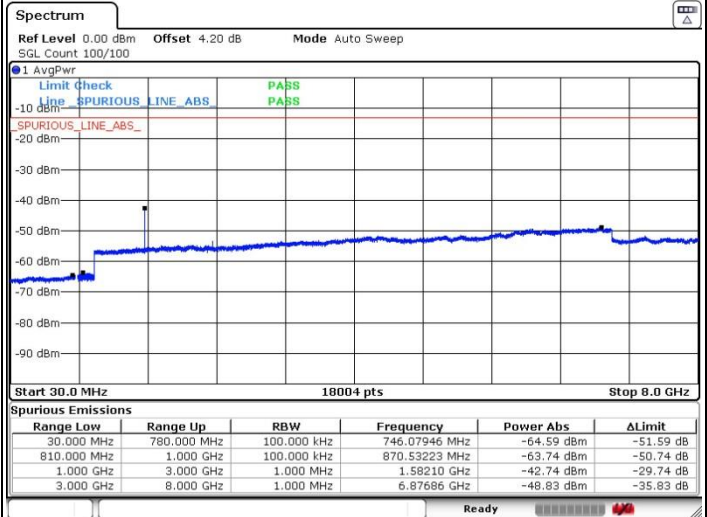
LTE Band 14 / 5MHz

Lowest Channel / 64QAM



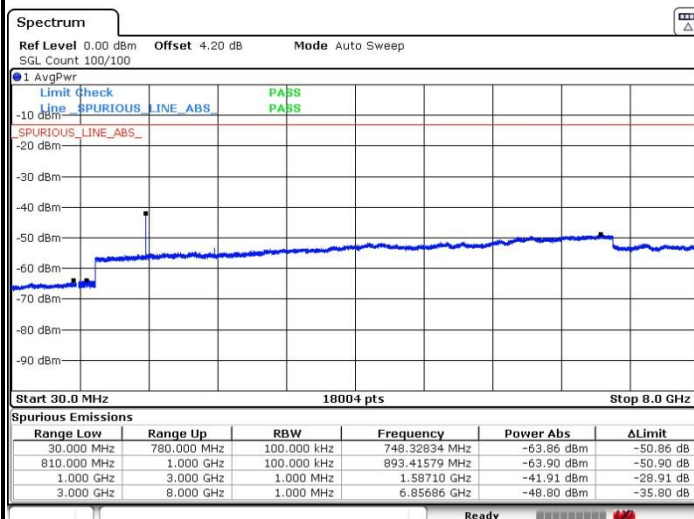
Date: 20 JAN 2020 15:57:40

Middle Channel / 64QAM



Date: 20 JAN 2020 15:54:47

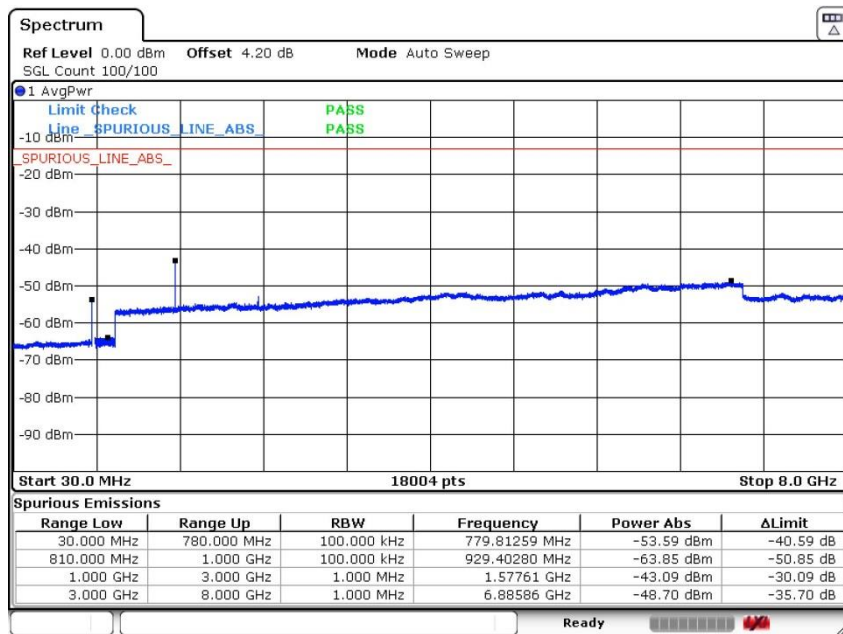
Highest Channel / 64QAM



Date: 20 JAN 2020 15:59:08

LTE Band 14 / 10MHz

Middle Channel / 64QAM

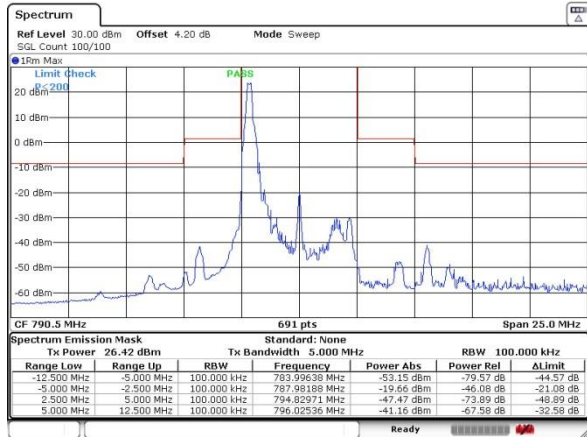


Date: 20. JAN 2020 15:53:29

Emission Mask

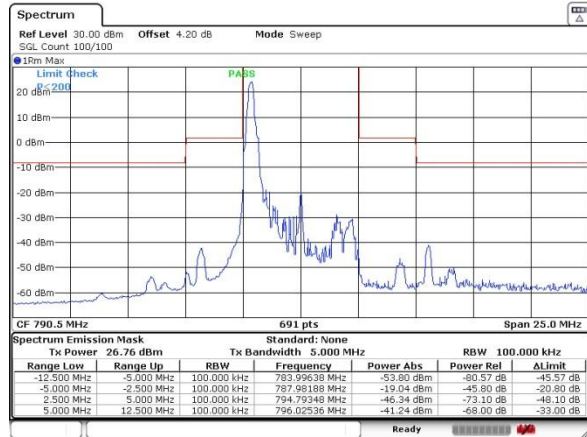
LTE Band 14/ 5M(1RB0)

Lowest Channel / 5MHz / QPSK



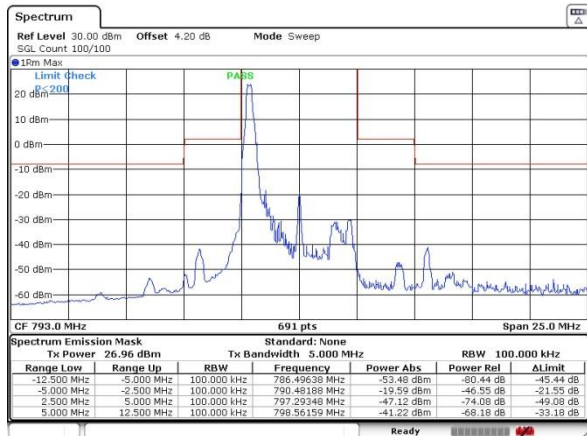
Date: 20 JAN 2020 14:44:24

Lowest Channel / 5MHz / 16QAM



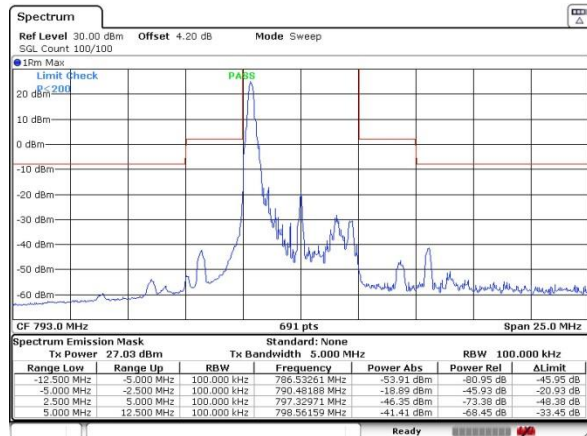
Date: 20 JAN 2020 14:45:22

Middle Channel / 5MHz / QPSK



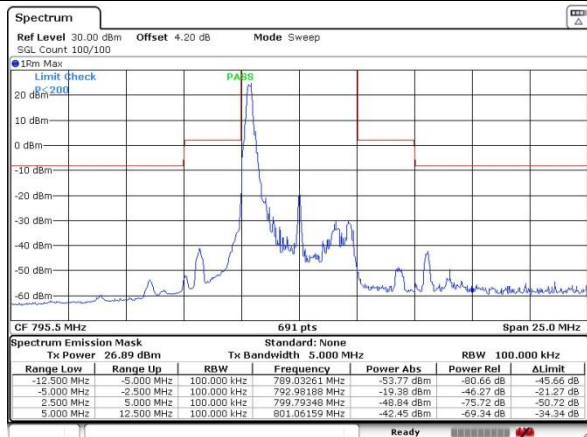
Date: 20 JAN 2020 14:38:19

Middle Channel / 5MHz / 16QAM



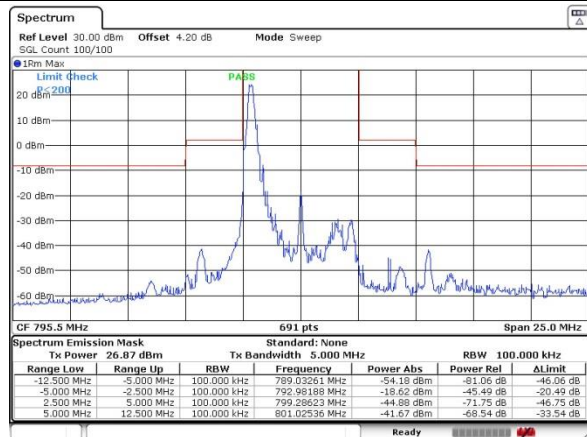
Date: 20 JAN 2020 14:35:39

Highest Channel / 5MHz / QPSK

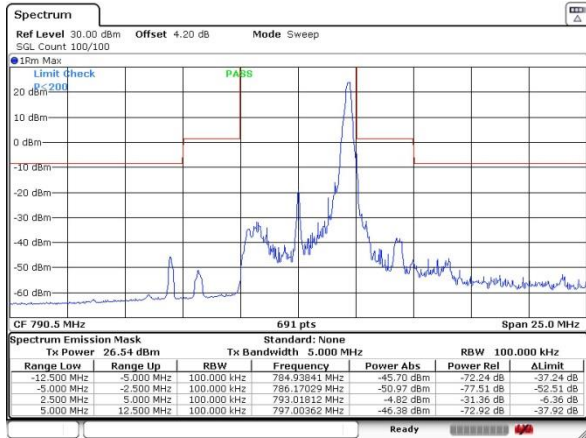


Date: 20 JAN 2020 14:56:45

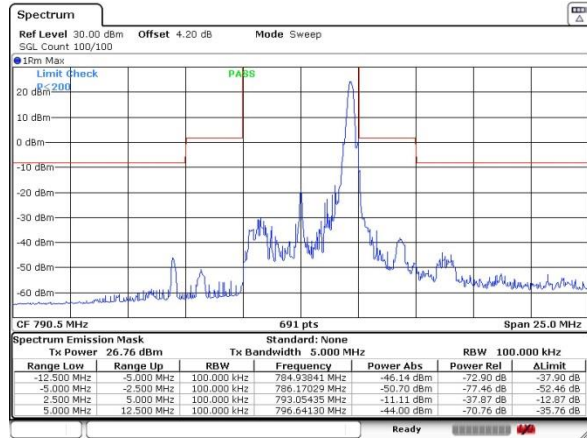
Highest Channel / 5MHz / 16QAM



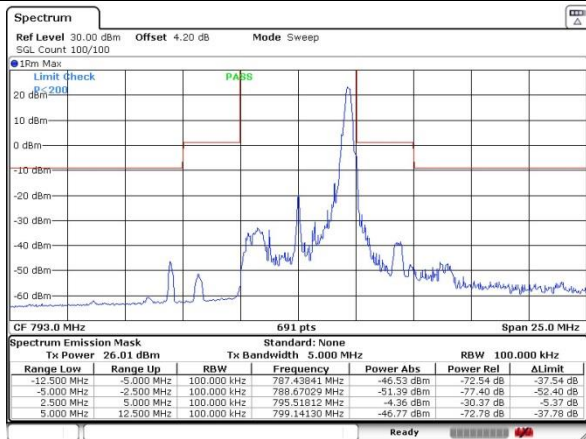
Date: 20 JAN 2020 14:55:11

LTE Band 14/ 5M(1RBmax)
Lowest Channel / 5MHz / QPSK


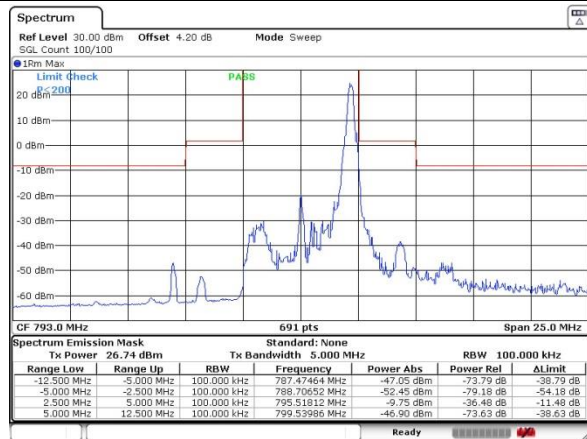
Date: 20 JAN 2020 14:43:39

Lowest Channel / 5MHz / 16QAM


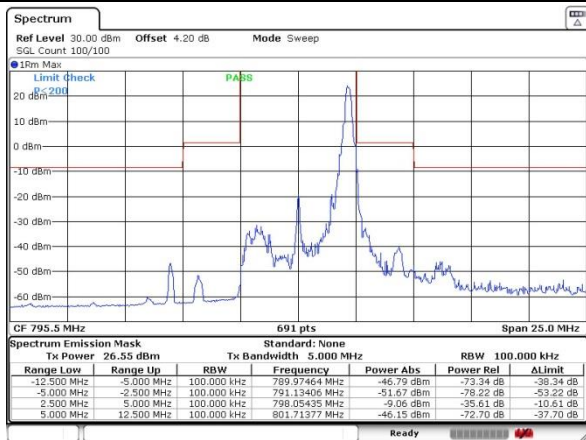
Date: 20 JAN 2020 14:42:18

Middle Channel / 5MHz / QPSK


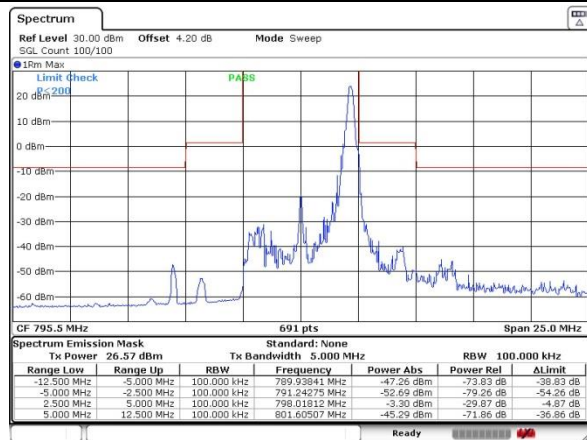
Date: 20 JAN 2020 14:37:16

Middle Channel / 5MHz / 16QAM


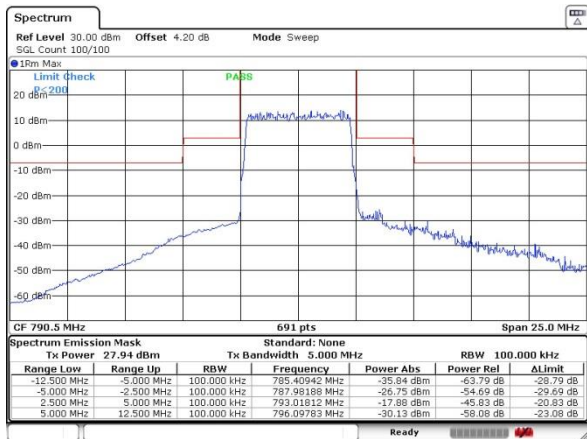
Date: 20 JAN 2020 14:38:12

Highest Channel / 5MHz / QPSK


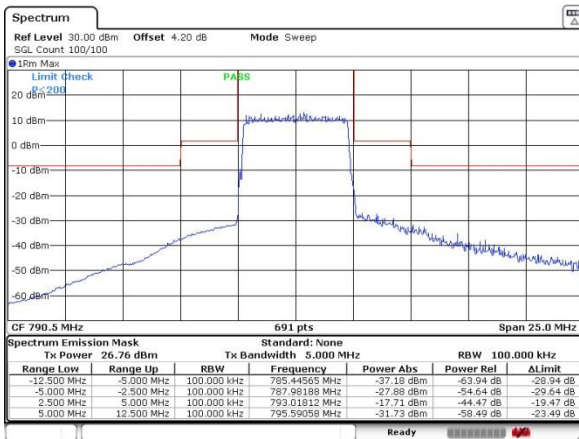
Date: 20 JAN 2020 14:57:39

Highest Channel / 5MHz / 16QAM


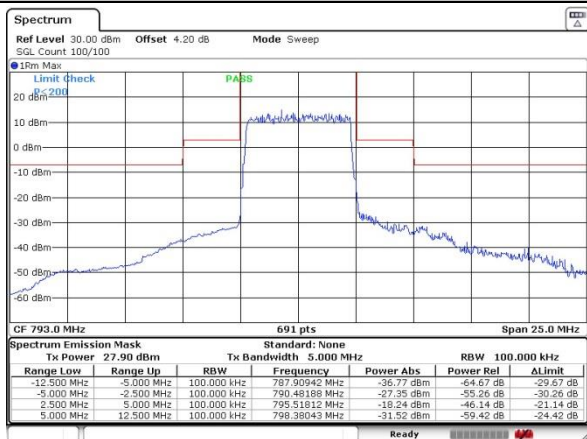
Date: 20 JAN 2020 14:58:50

LTE Band 14/ 5M(fullIRB0)
Lowest Channel / 5MHz / QPSK


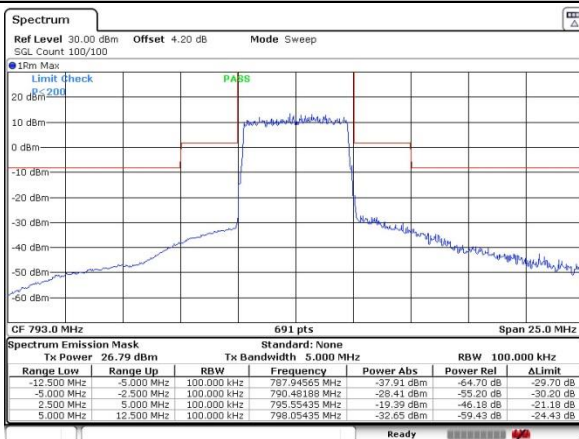
Date: 20 JAN 2020 14:48:00

Lowest Channel / 5MHz / 16QAM


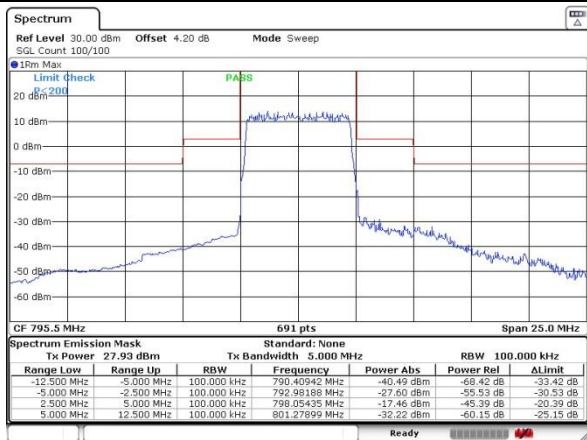
Date: 20 JAN 2020 14:48:13

Middle Channel / 5MHz / QPSK


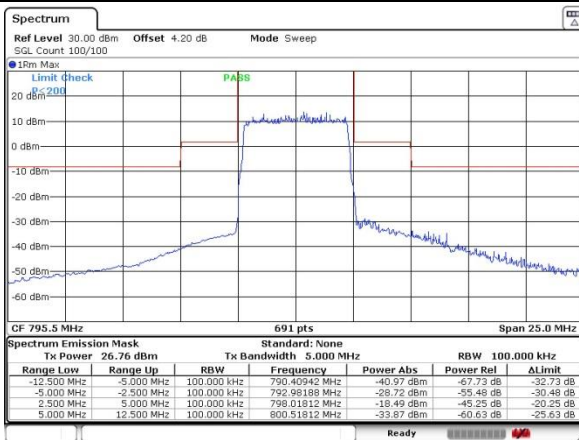
Date: 20 JAN 2020 14:31:01

Middle Channel / 5MHz / 16QAM


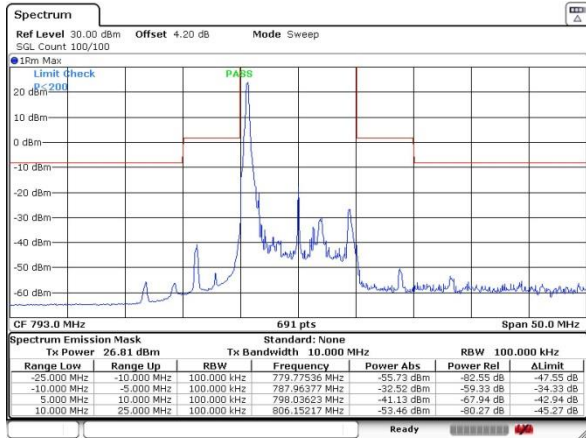
Date: 20 JAN 2020 14:32:09

Highest Channel / 5MHz / QPSK


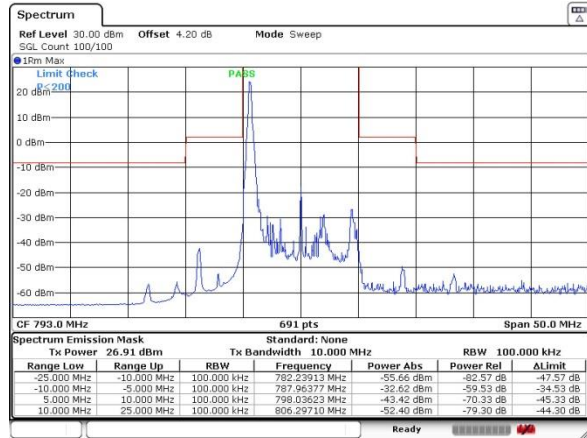
Date: 20 JAN 2020 14:51:45

Highest Channel / 5MHz / 16QAM


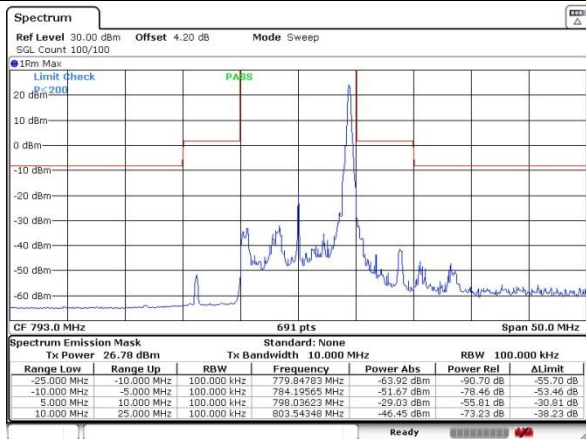
Date: 20 JAN 2020 14:52:43

LTE Band 14/ 10MHz
Middle Channel / 1RB0 / QPSK


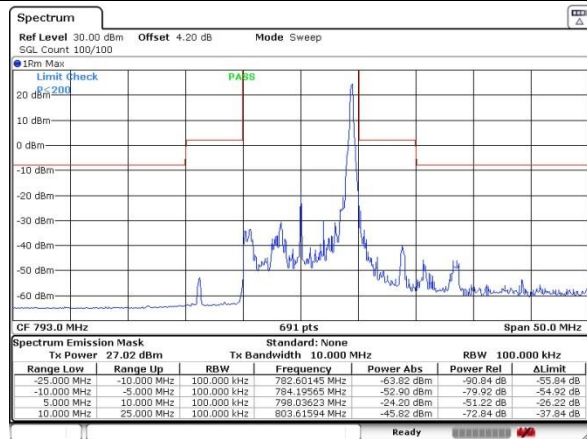
Date: 20 JAN 2020 14:06:25

Middle Channel / 1RB0 / 16QAM


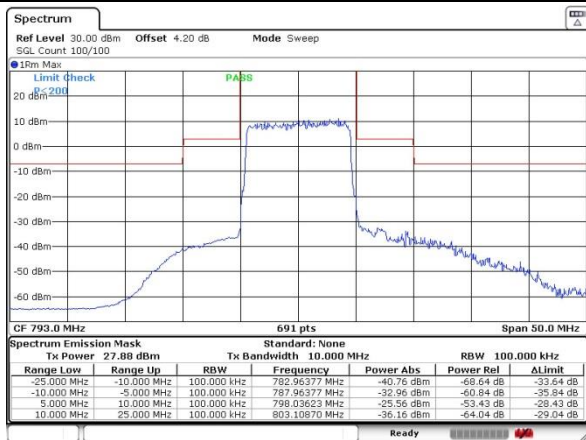
Date: 20 JAN 2020 14:08:40

Middle Channel / 1RBmax / QPSK


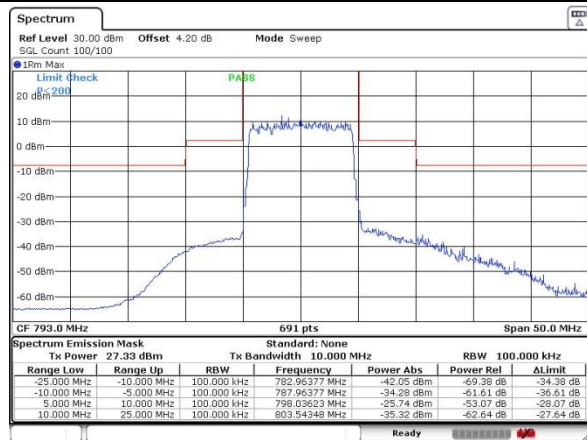
Date: 20 JAN 2020 14:13:44

Middle Channel / 1RBmax / 16QAM


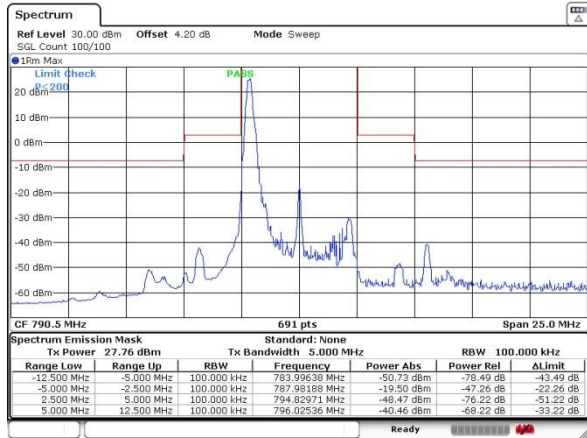
Date: 20 JAN 2020 14:12:30

Middle Channel / fullRB0 / QPSK


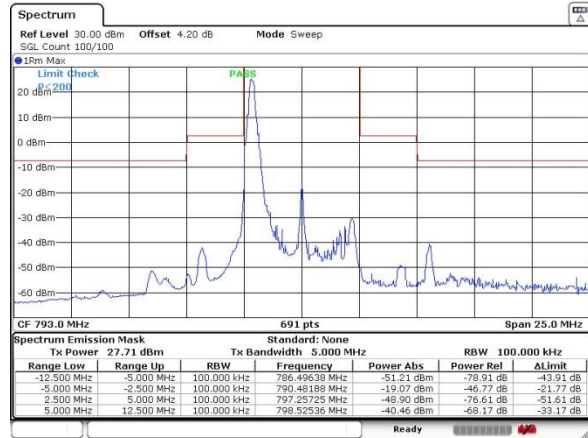
Date: 20 JAN 2020 14:05:11

Middle Channel / fullRB0 / 16QAM


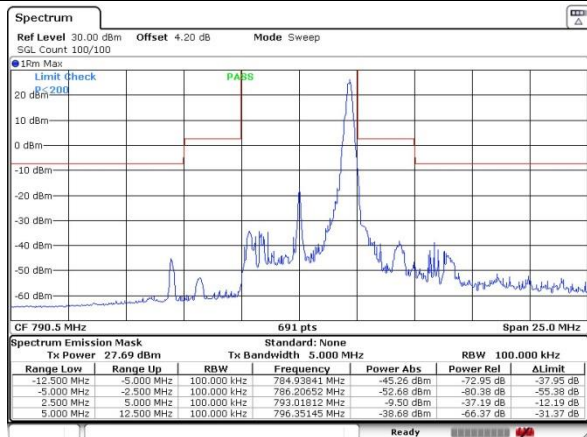
Date: 20 JAN 2020 14:02:35

LTE Band 14/ 5MHz
Lowest Channel / 1RB0 / 64QAM


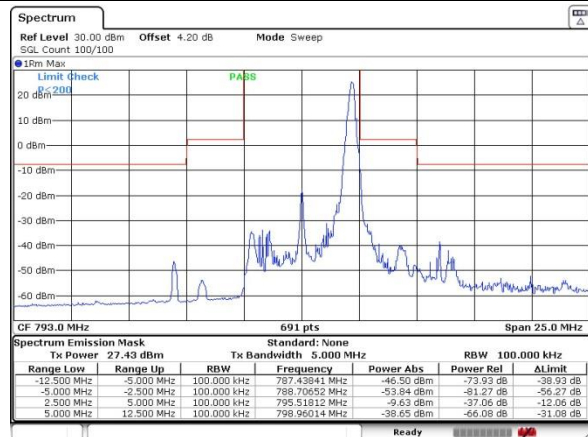
Date: 20 JAN 2020 14:48:33

Middle Channel / 1RB0 / 64QAM


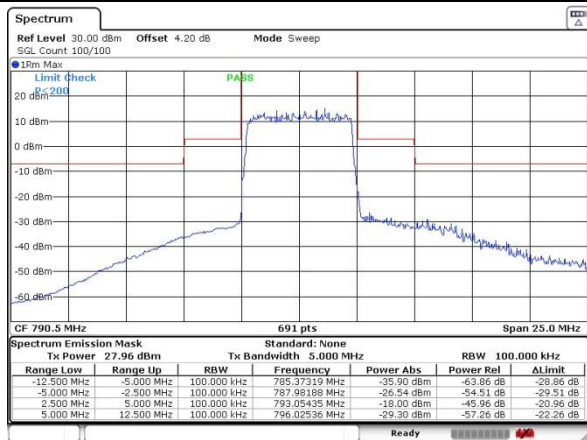
Date: 20 JAN 2020 14:34:55

Lowest Channel / 1RBmax / 64QAM


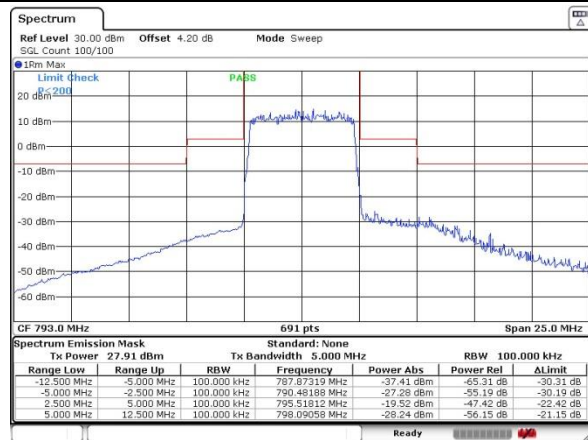
Date: 20 JAN 2020 14:41:20

Middle Channel / 1RBmax / 64QAM


Date: 20 JAN 2020 14:38:22

Lowest Channel / fullRB0 / 64QAM


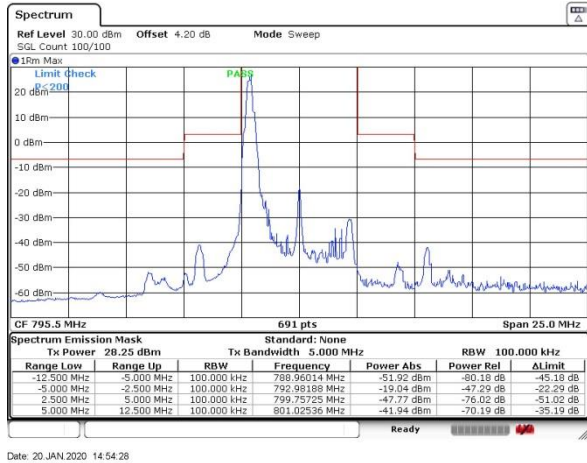
Date: 20 JAN 2020 14:47:29

Middle Channel / fullRB0 / 64QAM


Date: 20 JAN 2020 14:33:22

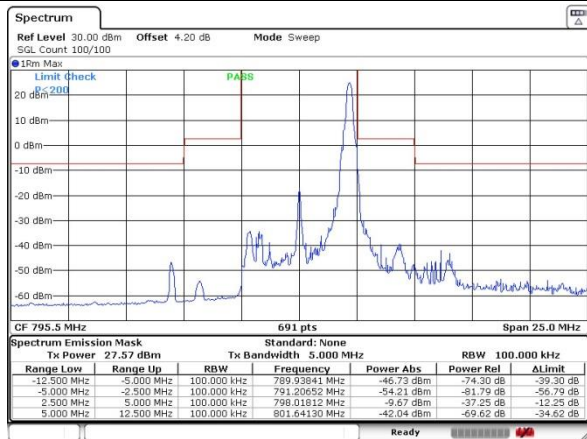
LTE Band 14/ 5MHz

Highest Channel / 1RB0 / 64QAM



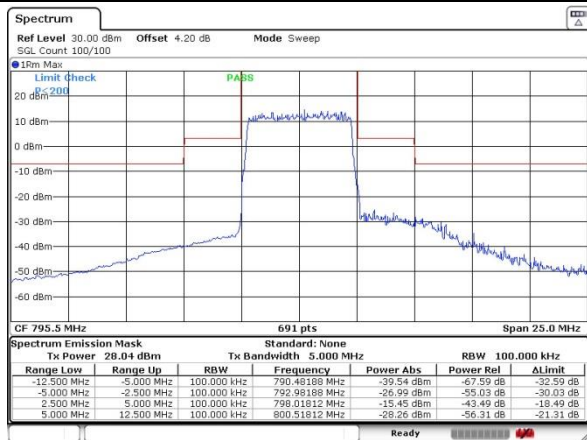
Date: 20 JAN 2020 14:54:28

Highest Channel / 1RBmax / 64QAM



Date: 20 JAN 2020 14:58:40

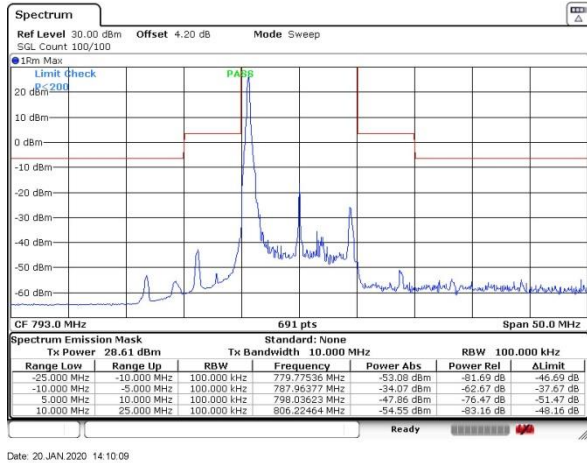
Highest Channel / fullRB0 / 64QAM



Date: 20 JAN 2020 14:53:36

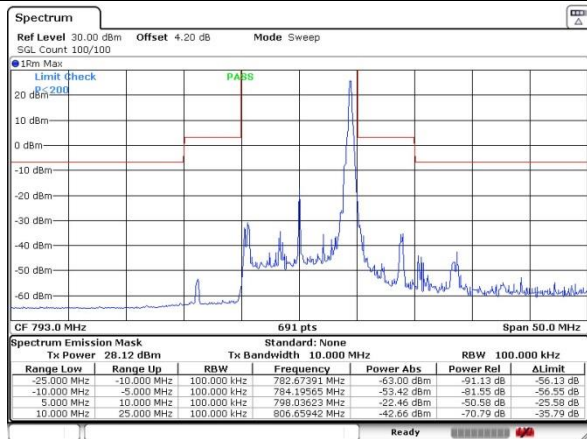
LTE Band 14/ 10MHz

Middle Channel / 1RB0 / 64QAM



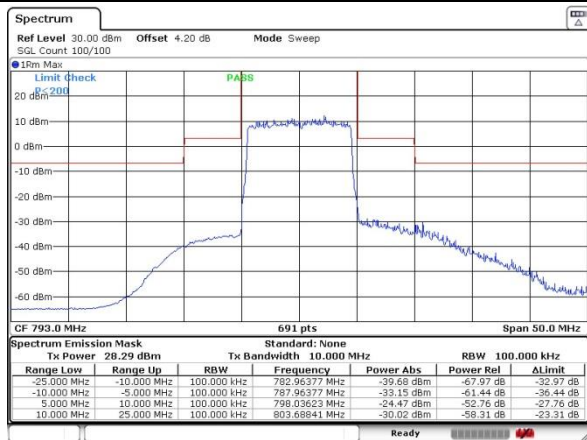
Date: 20 JAN 2020 14:10:09

Middle Channel / 1RBmax / 64QAM



Date: 20 JAN 2020 14:11:23

Middle Channel / fullRB0 / 64QAM



Date: 20 JAN 2020 13:58:48

Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	1.25ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0045	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0026	

Note: Normal Voltage =3.85V. ; Battery End Point (BEP) =3.65V. ; Maximum Voltage =4.4V.

Appendix B. Test Results of Radiated Test

Field Strength of Spurious Radiated

LTE Band 14 / QPSK / RB Size 1 Offset 0								
Bandwidth	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
10MHz	1578	-62.10	-42.15	-19.95	-64.73	1.09	5.87	H
	2366	-54.78	-13	-41.78	-57.18	1.37	5.92	H
	3156	-62.98	-13	-49.98	-66.87	1.64	7.68	H
	1578	-59.40	-42.15	-17.25	-62.03	1.09	5.87	V
	2366	-50.21	-13	-37.21	-52.61	1.37	5.92	V
	3156	-62.56	-13	-49.56	-66.45	1.64	7.68	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								
Test Result					PASS			