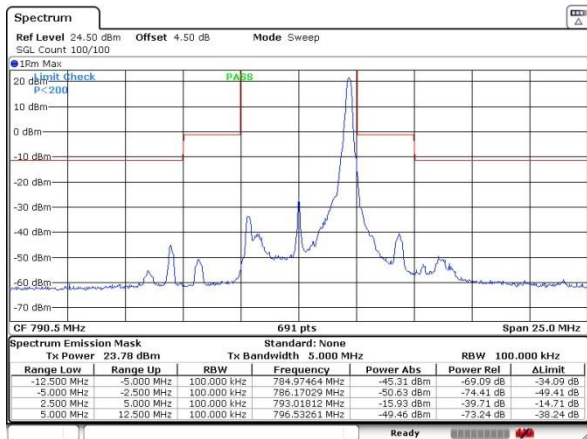




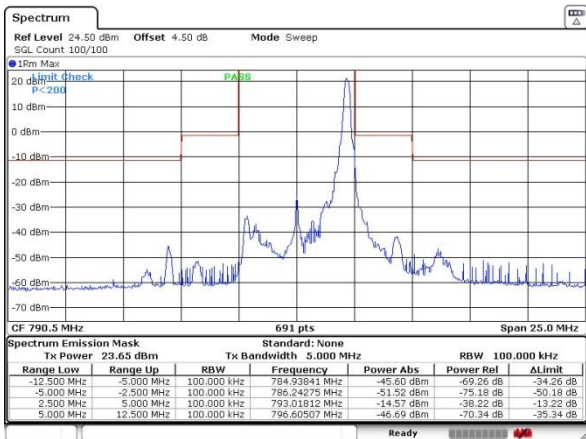
LTE Band 14/ 5M(1RBmax)

Lowest Channel / 5MHz / QPSK



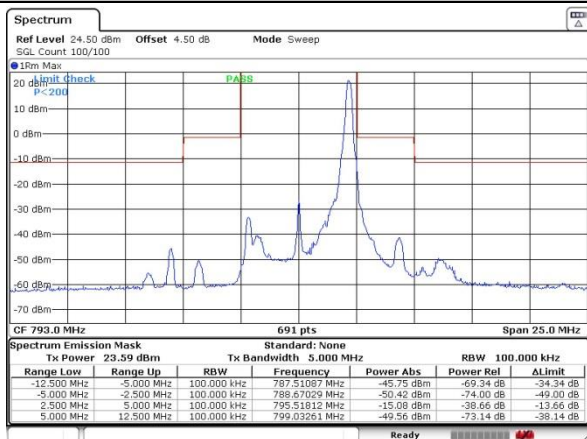
Date: 9 MAY 2019 19:05:00

Lowest Channel / 5MHz / 16QAM



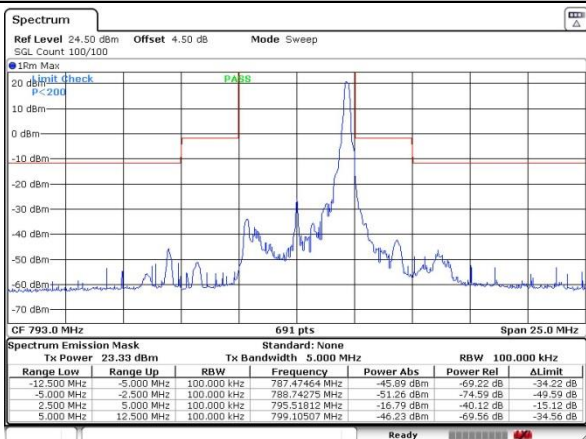
Date: 9 MAY 2019 19:05:29

Middle Channel / 5MHz / QPSK



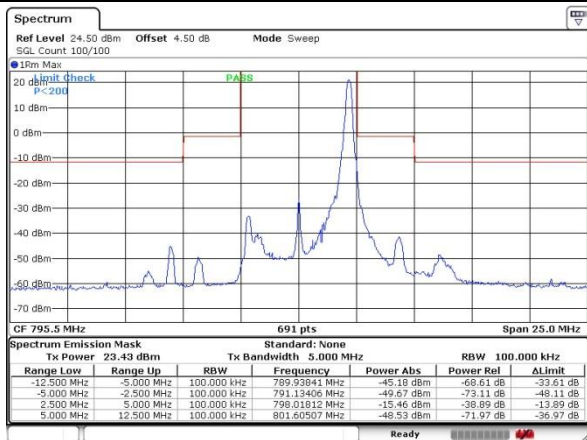
Date: 9 MAY 2019 19:10:08

Middle Channel / 5MHz / 16QAM



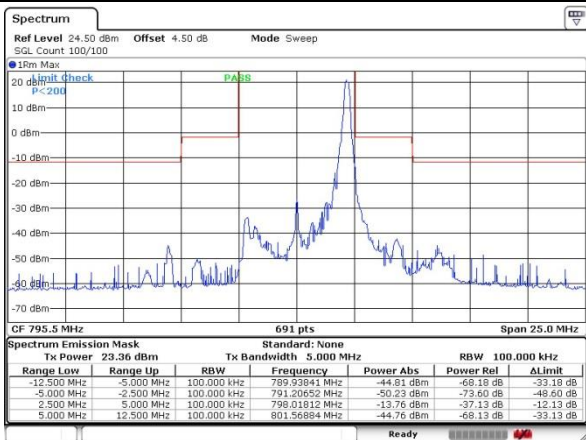
Date: 9 MAY 2019 19:10:35

Highest Channel / 5MHz / QPSK



Date: 9 MAY 2019 19:16:53

Highest Channel / 5MHz / 16QAM

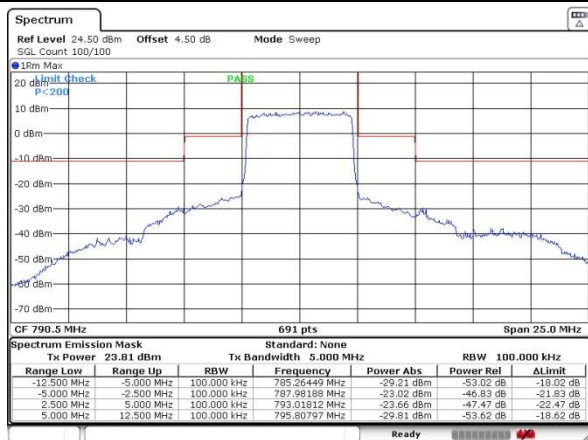


Date: 9 MAY 2019 19:17:30



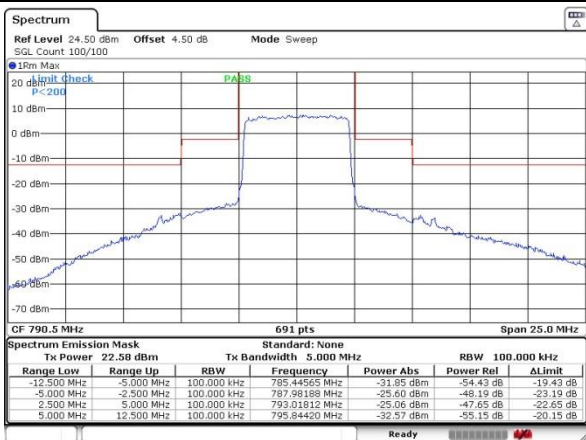
LTE Band 14/ 5M(fullRB0)

Lowest Channel / 5MHz / QPSK



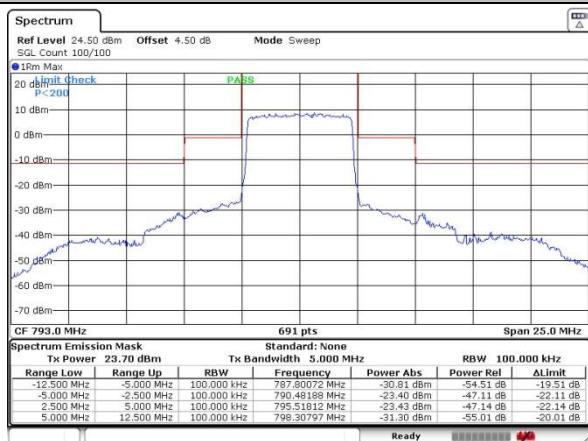
Date: 9 MAY 2019 19:06:29

Lowest Channel / 5MHz / 16QAM



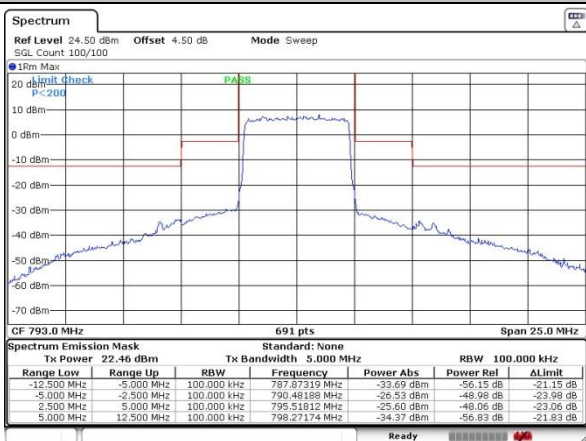
Date: 9 MAY 2019 19:07:00

Middle Channel / 5MHz / QPSK



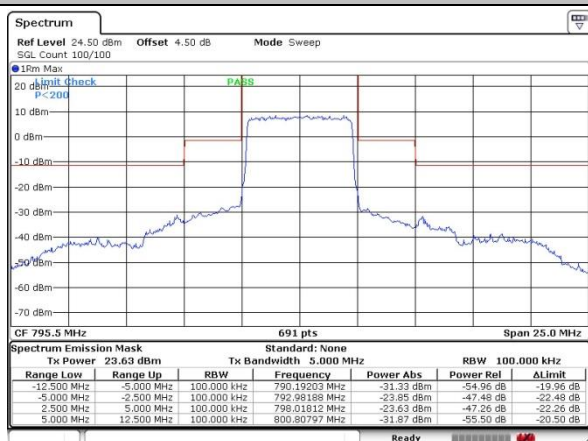
Date: 9 MAY 2019 19:11:37

Middle Channel / 5MHz / 16QAM



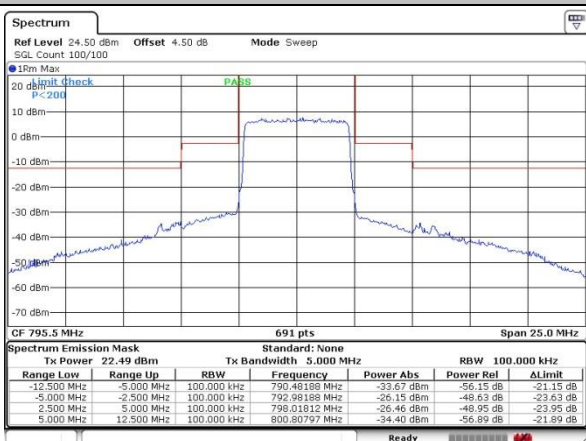
Date: 9 MAY 2019 19:12:05

Highest Channel / 5MHz / QPSK



Date: 9 MAY 2019 19:18:29

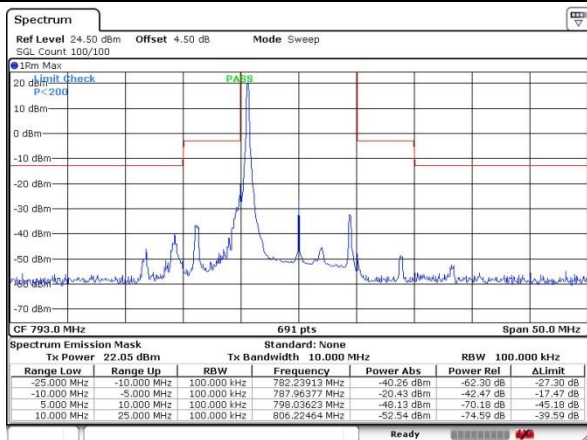
Highest Channel / 5MHz / 16QAM



Date: 9 MAY 2019 19:19:00

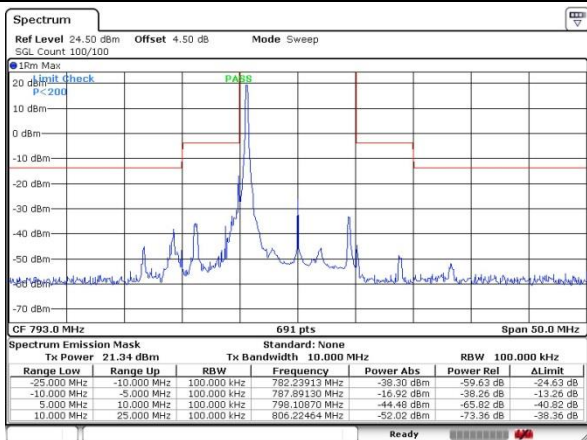
LTE Band 14/ 10MHz

Middle Channel / 1RB0 / QPSK



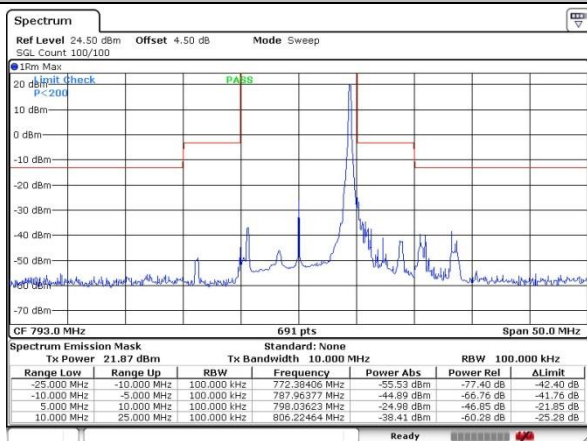
Date: 9 MAY 2019 12:03:06

Middle Channel / 1RB0 / 16QAM



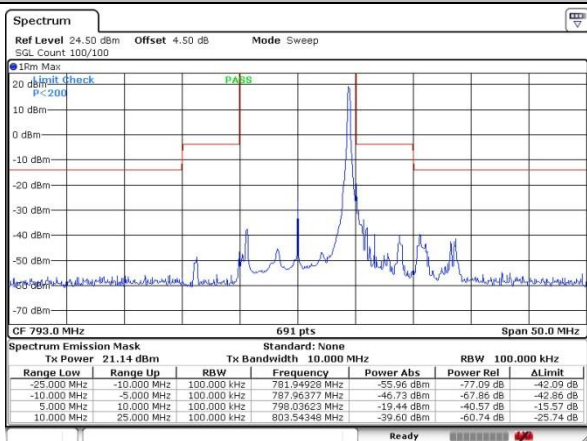
Date: 9 MAY 2019 12:02:28

Middle Channel / 1RBmax / QPSK



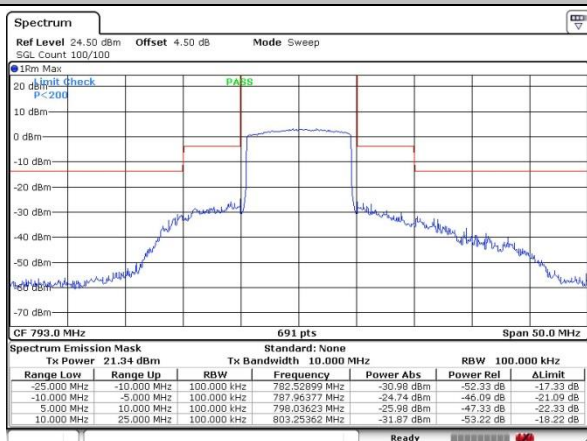
Date: 9 MAY 2019 13:40:24

Middle Channel / 1RBmax / 16QAM



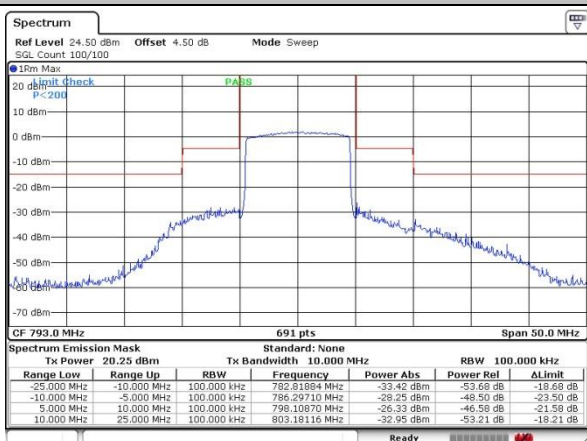
Date: 9 MAY 2019 13:41:16

Middle Channel / fullRB0 / QPSK



Date: 9 MAY 2019 11:58:49

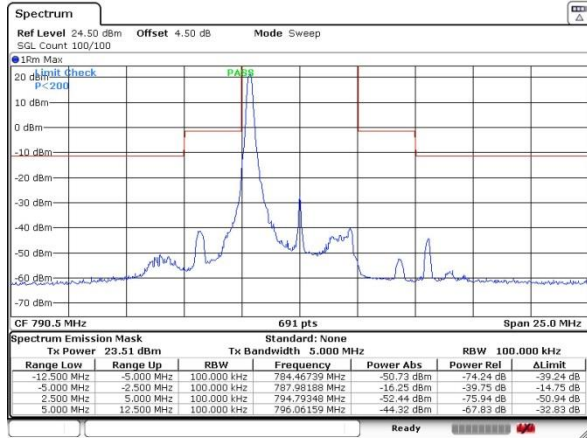
Middle Channel / fullRB0 / 16QAM



Date: 9 MAY 2019 12:00:08

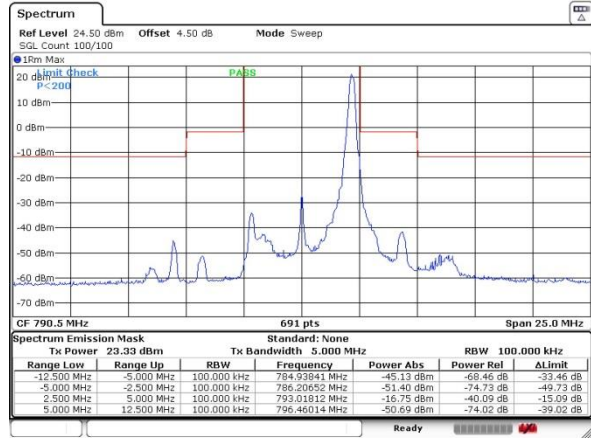
LTE Band 14/ 5M

Lowest Channel / 5MHz / 64QAM(1RB0)



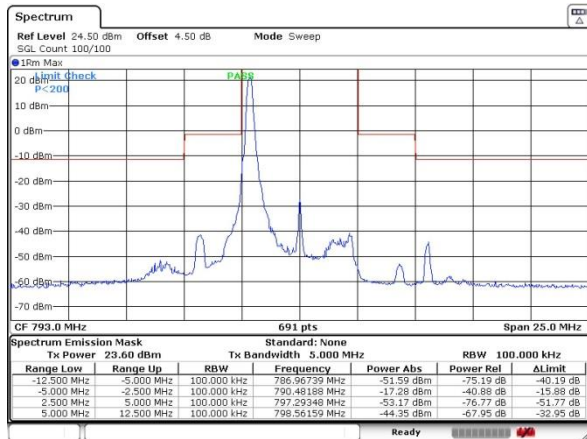
Date: 9 MAY 2019 19:04:27

Lowest Channel / 5MHz / 64QAM(1RBMAX)



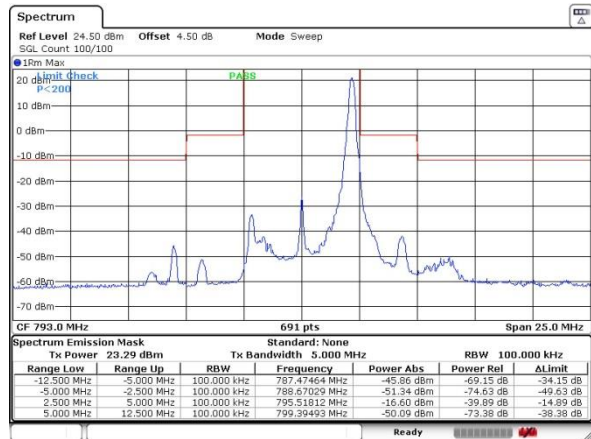
Date: 9 MAY 2019 19:05:55

Middle Channel / 5MHz / 64QAM(1RB0)



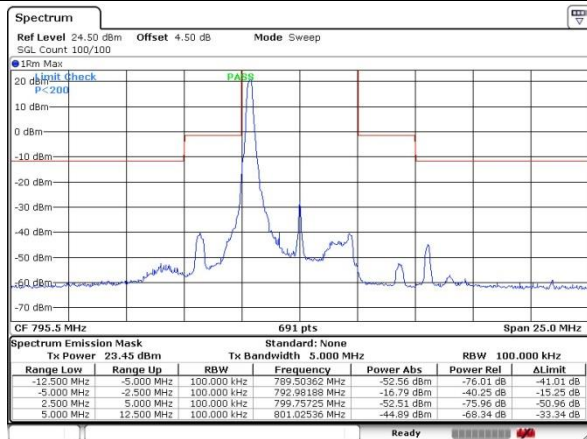
Date: 9 MAY 2019 19:08:38

Middle Channel / 5MHz / 64QAM(1RBMAX)



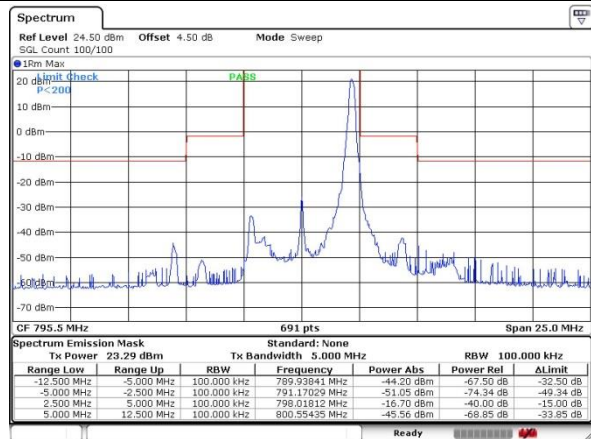
Date: 9 MAY 2019 19:11:04

Highest Channel / 5MHz / 64QAM(1RB0)



Date: 9 MAY 2019 19:16:13

Highest Channel / 5MHz / 64QAM(1RBMAX)

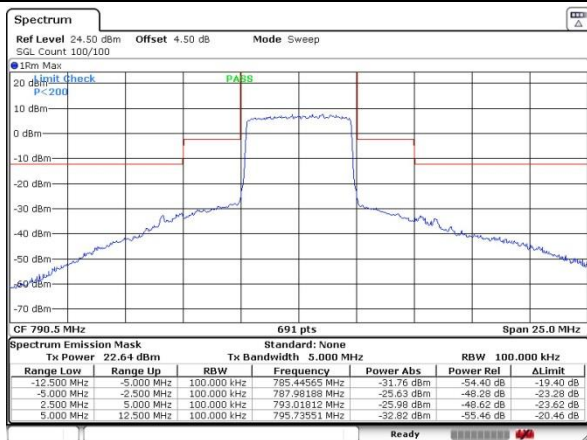


Date: 9 MAY 2019 19:17:56



LTE Band 14/ 5M

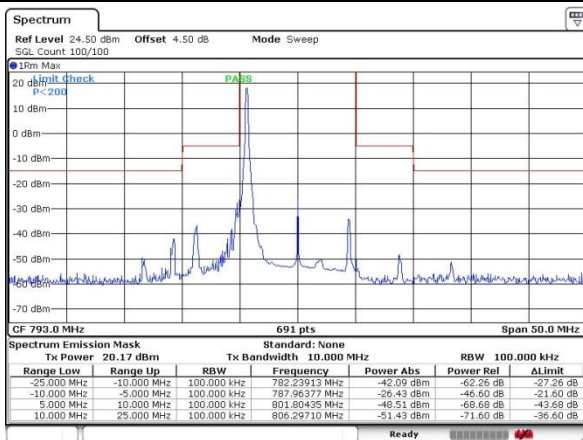
Lowest Channel / 5MHz / 64QAM(FULLRB0)



Date: 9 MAY 2019 19:07:24

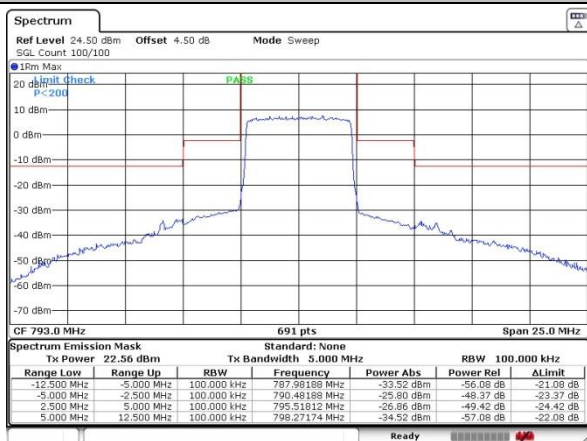
LTE Band 14/ 10MHz

Middle Channel / 1RB0 / 64QAM



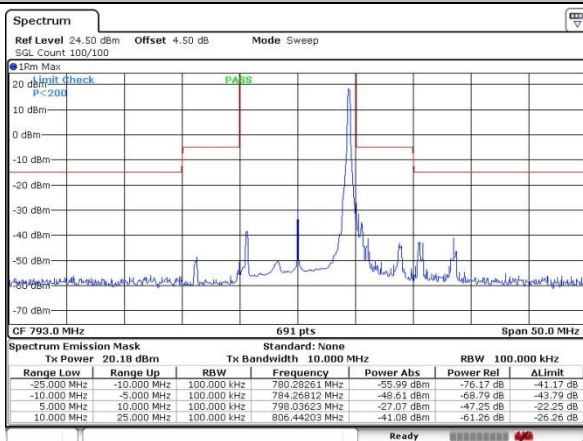
Date: 9 MAY 2019 12:01:45

Middle Channel / 5MHz / 64QAM(FULLRB0)



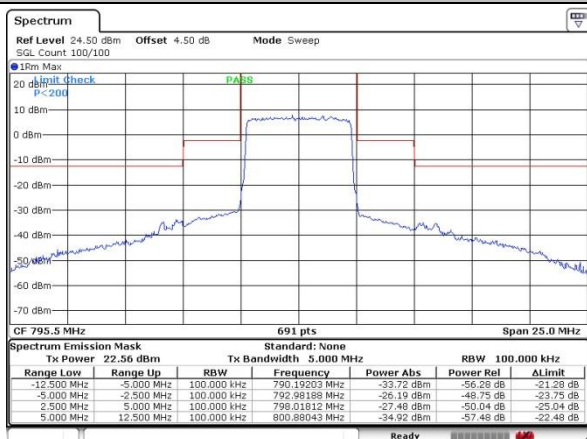
Date: 9 MAY 2019 19:12:31

Middle Channel / 1RBmax / 64QAM



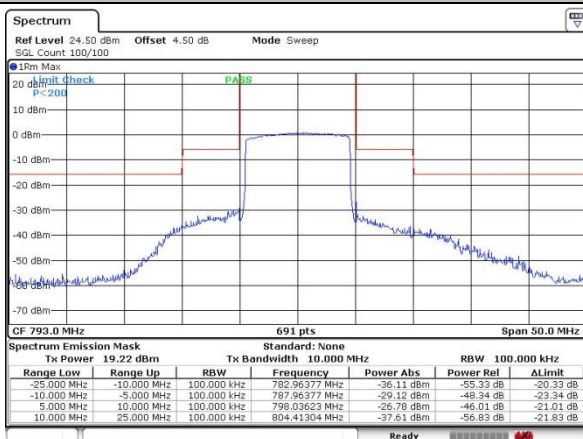
Date: 9 MAY 2019 13:41:59

Highest Channel / 5MHz / 64QAM(FULLRB0)



Date: 9 MAY 2019 19:19:28

Middle Channel / fullRB0 / 64QAM



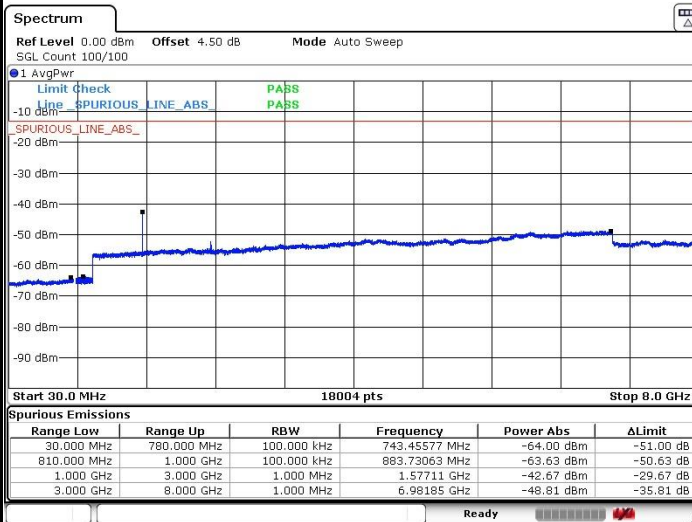
Date: 9 MAY 2019 12:00:57



Conducted Spurious Emission

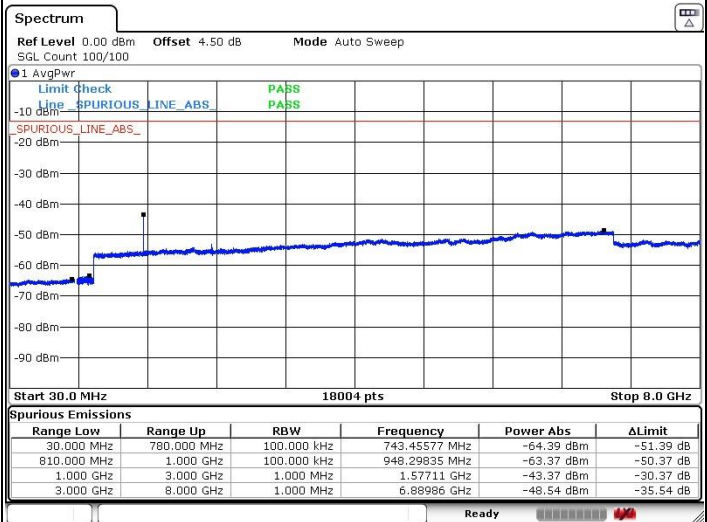
LTE Band 14 / 5MHz

Lowest Channel / QPSK



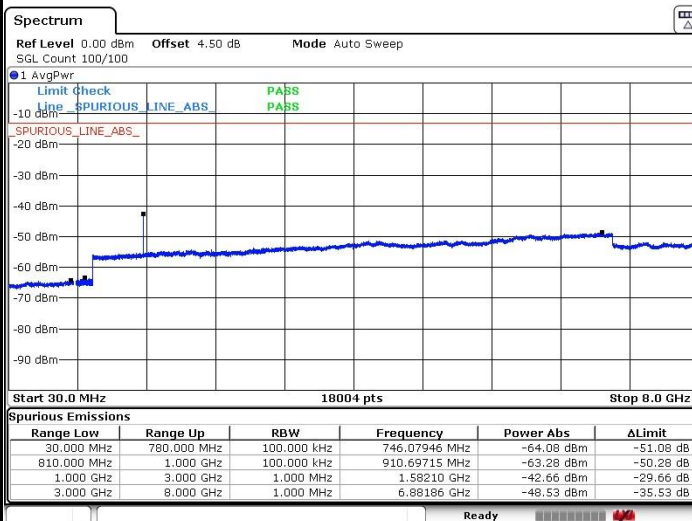
Date: 10 MAR 2019 16:53:01

Lowest Channel / 16QAM



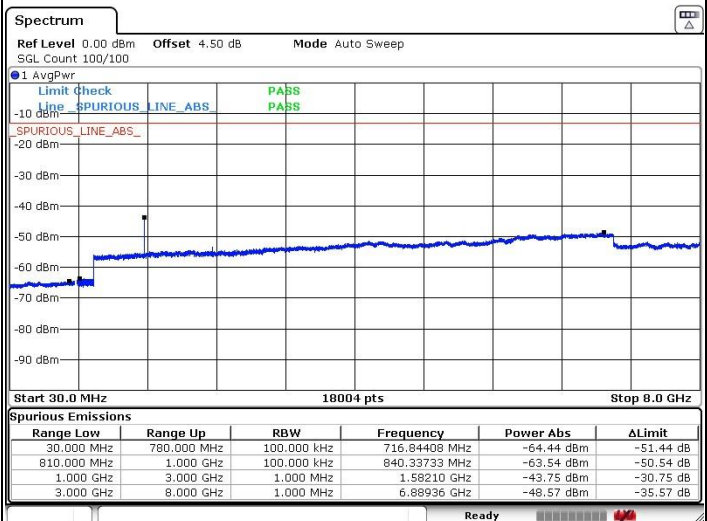
Date: 10 MAR 2019 16:54:46

Middle Channel / QPSK



Date: 10 MAR 2019 16:56:35

Middle Channel / 16QAM

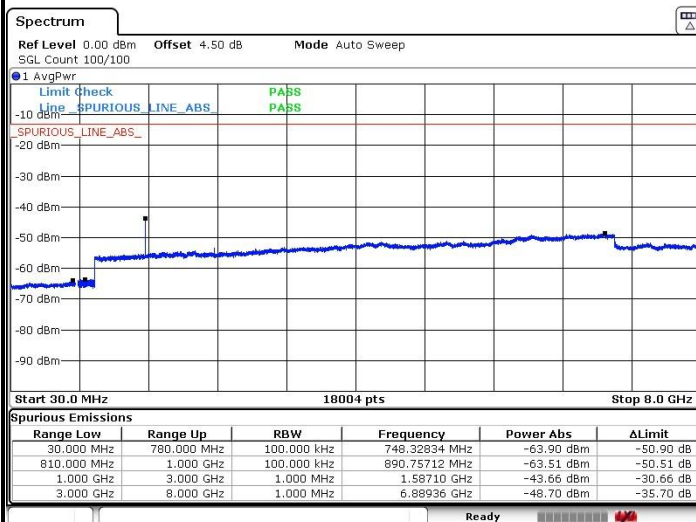


Date: 10 MAR 2019 16:57:20



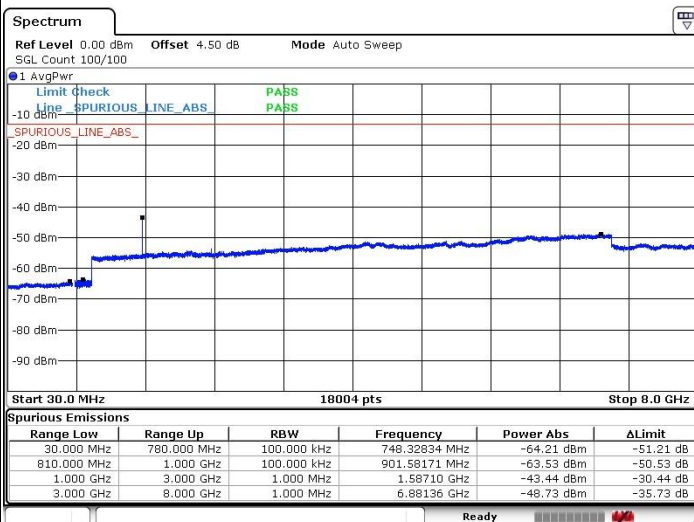
LTE Band 14 / 5MHz

Highest Channel / QPSK



Date: 10 MAR 2019 16:59:20

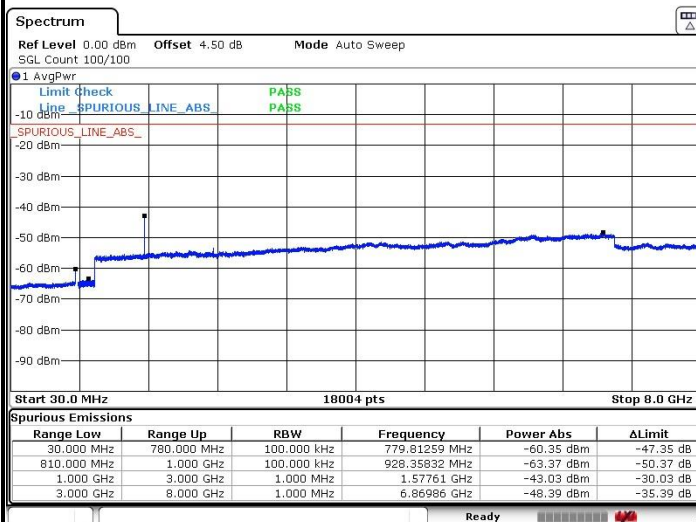
Highest Channel / 16QAM



Date: 10 MAR 2019 17:00:20

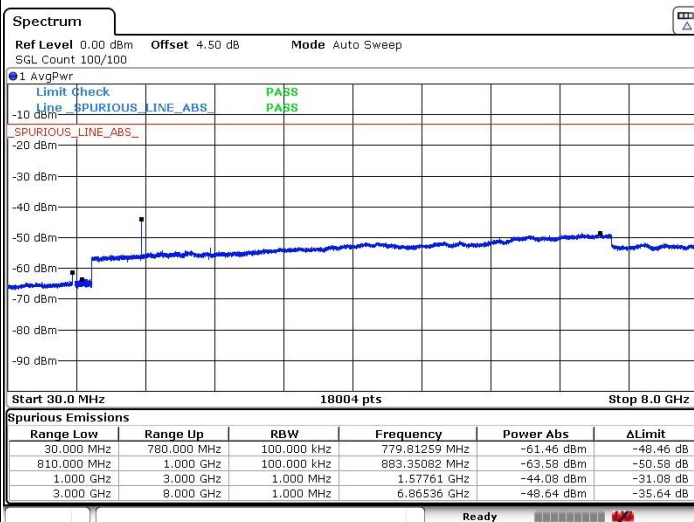
LTE Band 14 / 10MHz

Middle Channel / QPSK



Date: 10 MAR 2019 16:47:34

Middle Channel / 16QAM

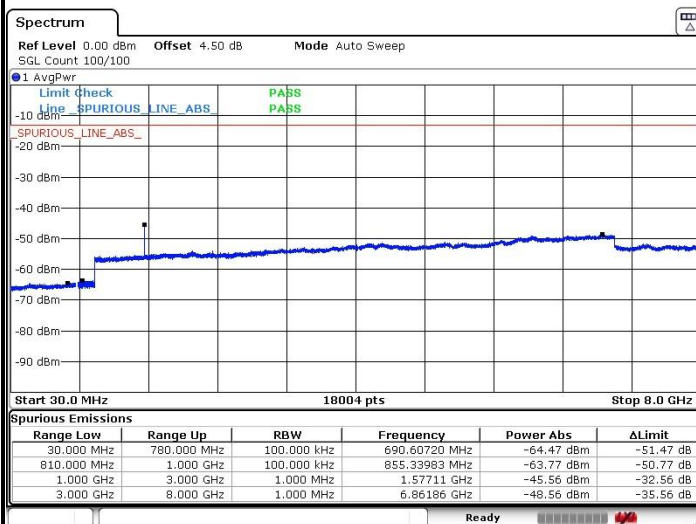


Date: 10 MAR 2019 16:48:06



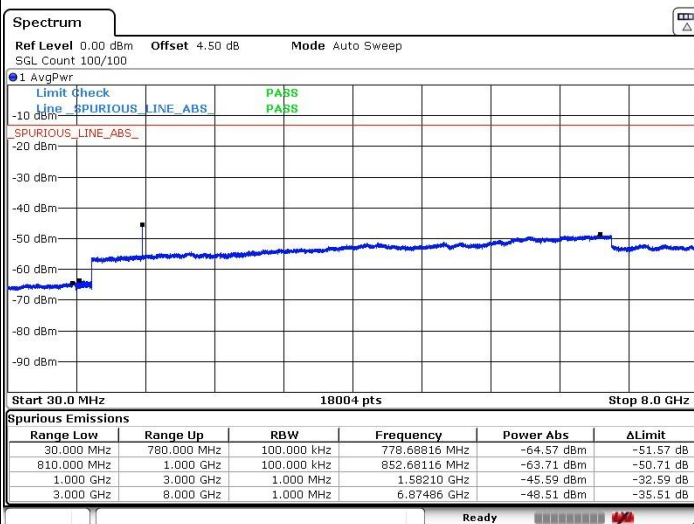
LTE Band 14 / 5MHz

Lowest Channel / 64QAM



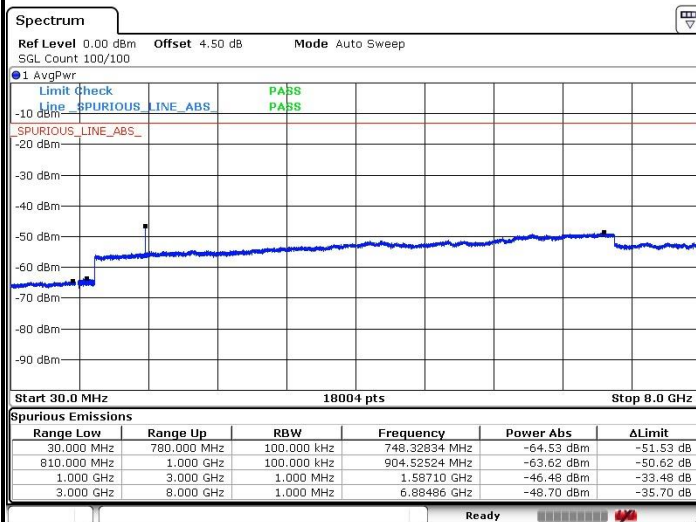
Date: 10 MAR 2019 16:55:28

Middle Channel / 64QAM



Date: 10 MAR 2019 16:57:52

Highest Channel / 64QAM

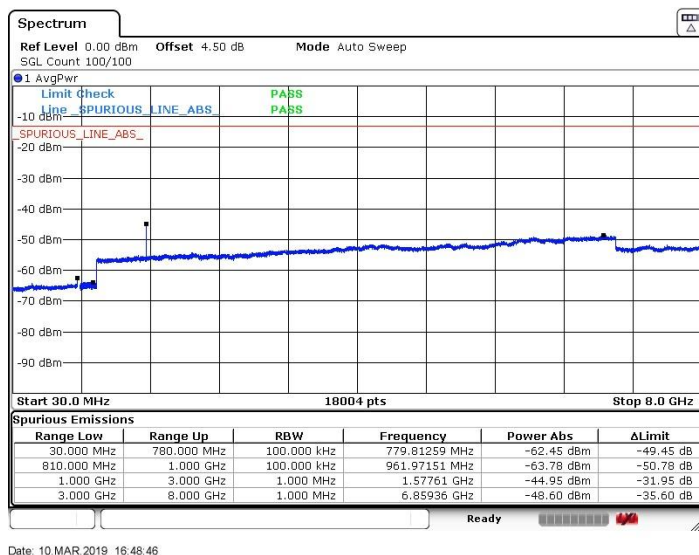


Date: 10 MAR 2019 17:01:06



LTE Band 14 / 10MHz

Middle Channel / 64QAM



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	0.0004	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0013	

Note: Normal Voltage =3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.1 V.

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)
5MHz (Lowest)	1576	-68.47	-42.15	-26.32	-70.18	2.23	6.09	H
	2366	-66.18	-13	-53.18	-68.86	2.83	5.51	H
	3156	-65.29	-13	-52.29	-69.38	3.21	7.30	H
	1576	-68.56	-42.15	-26.41	-70.27	2.23	6.09	V
	2366	-66.80	-13	-53.80	-69.48	2.83	5.51	V
	3156	-65.65	-13	-52.65	-69.74	3.21	7.30	V
5MHz (Middle)	1582	-68.35	-42.15	-26.20	-70.06	2.23	6.09	H
	2372	-66.29	-13	-53.29	-68.97	2.83	5.51	H
	3162	-65.78	-13	-52.78	-69.87	3.21	7.30	H
	1582	-68.52	-42.15	-26.37	-70.23	2.23	6.09	V
	2372	-66.70	-13	-53.70	-69.38	2.83	5.51	V
	3162	-65.88	-13	-52.88	-69.97	3.21	7.30	V
5MHz (Highest)	1586	-68.79	-42.15	-26.64	-70.50	2.23	6.09	H
	2380	-66.18	-13	-53.18	-68.86	2.83	5.51	H
	3174	-65.41	-13	-52.41	-69.50	3.21	7.30	H
	1586	-68.34	-42.15	-26.19	-70.05	2.23	6.09	V
	2380	-66.36	-13	-53.36	-69.04	2.83	5.51	V
	3174	-65.72	-13	-52.72	-69.81	3.21	7.30	V
10MHz	1578	-68.16	-42.15	-26.01	-69.87	2.23	6.09	H
	2366	-66.06	-13	-53.06	-68.74	2.83	5.51	H
	3156	-65.32	-13	-52.32	-69.41	3.21	7.30	H
	1578	-68.35	-42.15	-26.20	-70.06	2.23	6.09	V
	2366	-66.34	-13	-53.34	-69.02	2.83	5.51	V
	3156	-65.36	-13	-52.36	-69.45	3.21	7.30	V
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.								
Test Result					PASS			