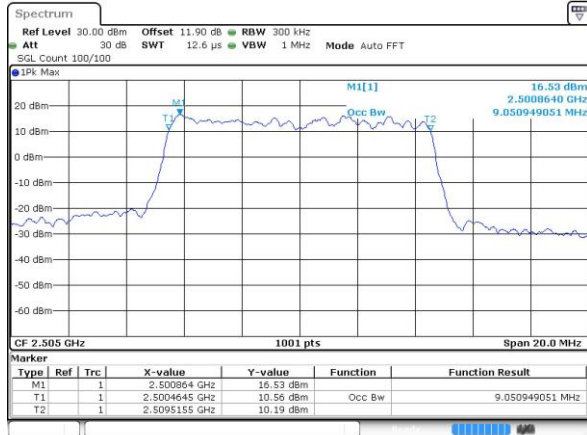




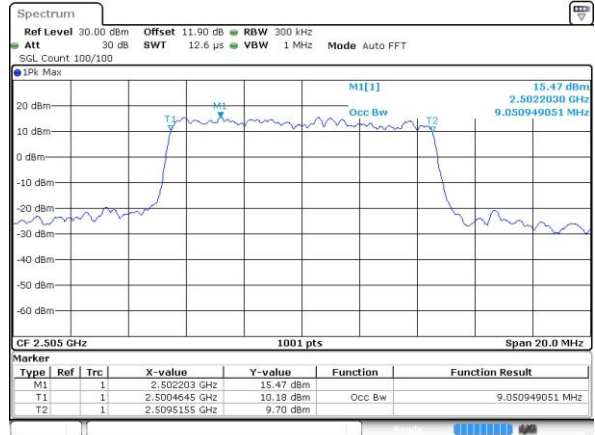
LTE Band 7

Lowest Channel / 10MHz / QPSK



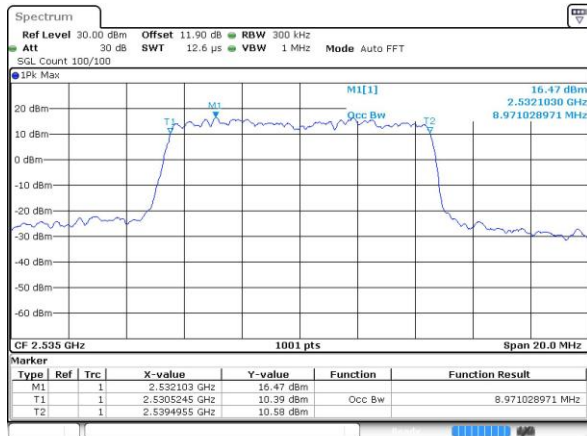
Date: 15 MAY 2019 22:18:49

Lowest Channel / 10MHz / 16QAM



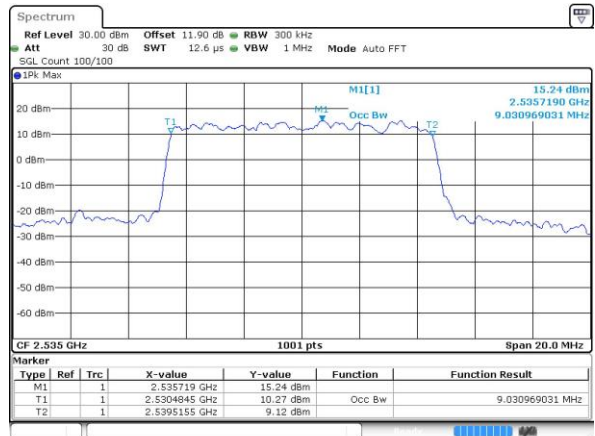
Date: 15 MAY 2019 22:19:01

Middle Channel / 10MHz / QPSK



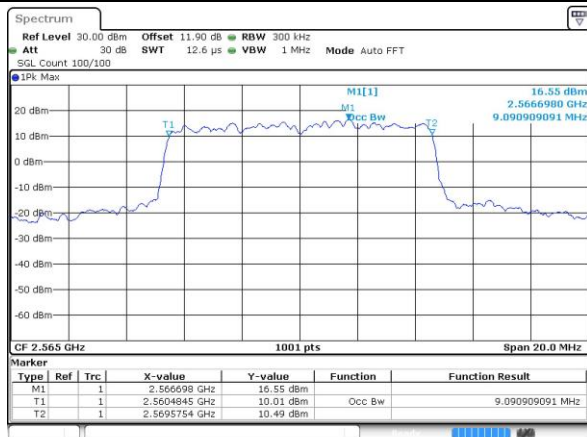
Date: 15 MAY 2019 22:23:37

Middle Channel / 10MHz / 16QAM



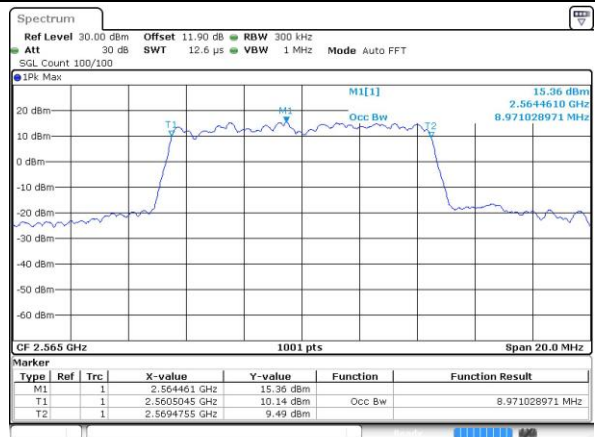
Date: 15 MAY 2019 22:23:49

Highest Channel / 10MHz / QPSK



Date: 15 MAY 2019 22:25:54

Highest Channel / 10MHz / 16QAM

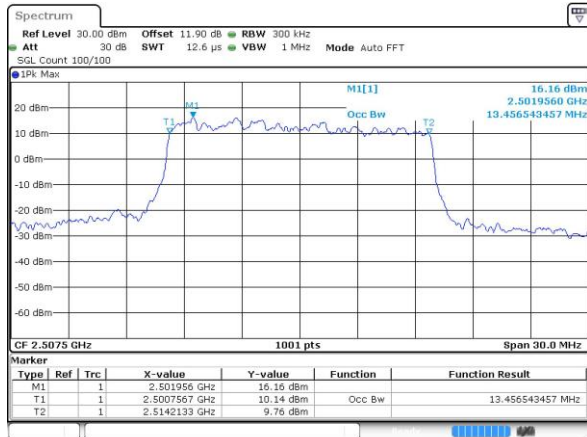


Date: 15 MAY 2019 22:26:07



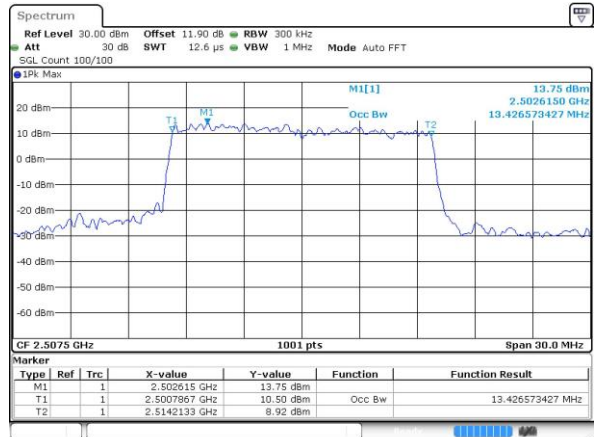
LTE Band 7

Lowest Channel / 15MHz / QPSK



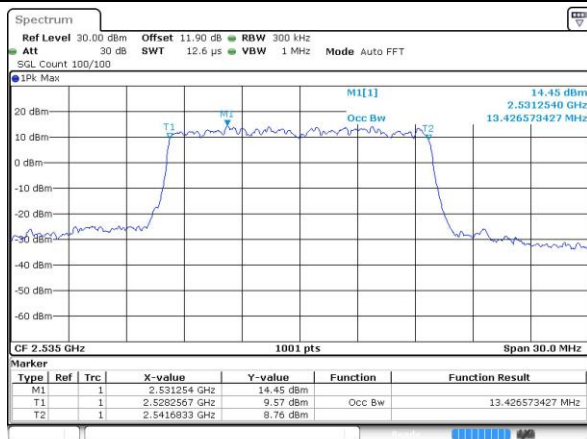
Date: 15 MAY 2019 22:30:44

Lowest Channel / 15MHz / 16QAM



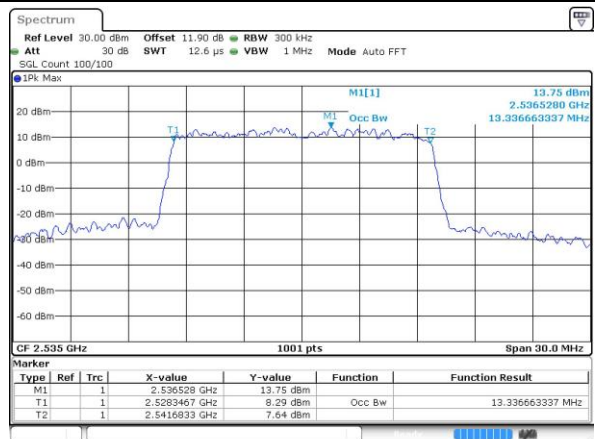
Date: 15 MAY 2019 22:30:56

Middle Channel / 15MHz / QPSK



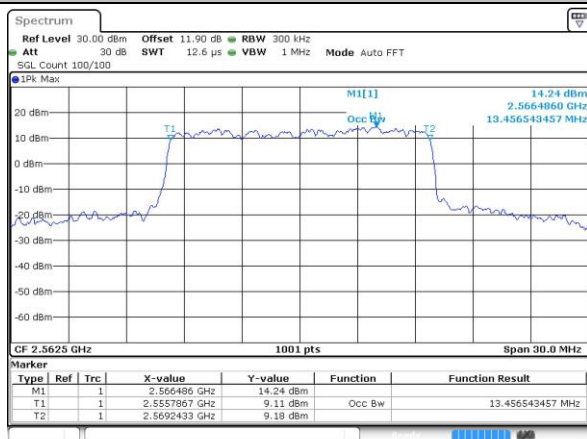
Date: 15 MAY 2019 22:35:31

Middle Channel / 15MHz / 16QAM



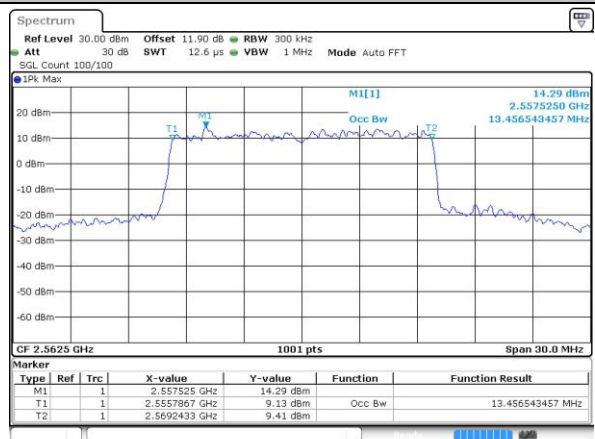
Date: 15 MAY 2019 22:35:43

Highest Channel / 15MHz / QPSK



Date: 15 MAY 2019 22:37:48

Highest Channel / 15MHz / 16QAM

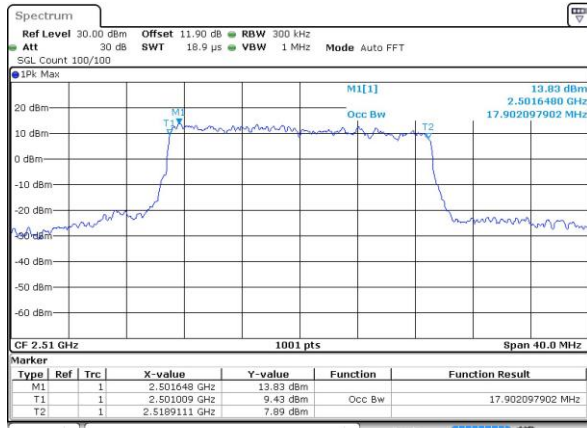


Date: 15 MAY 2019 22:38:01



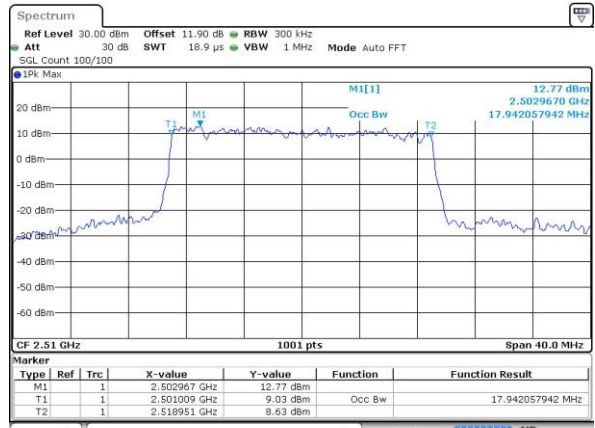
LTE Band 7

Lowest Channel / 20MHz / QPSK



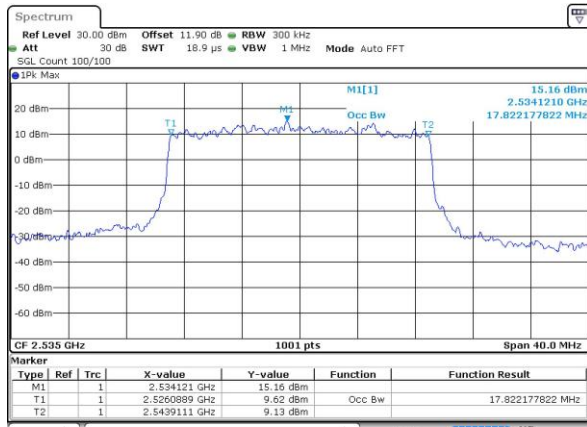
Date: 15 MAY 2019 22:42:38

Lowest Channel / 20MHz / 16QAM



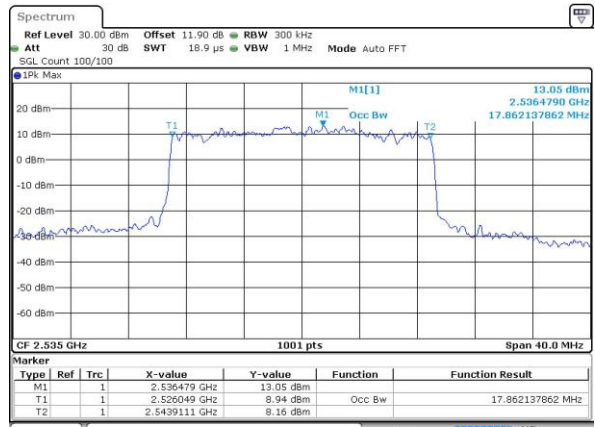
Date: 15 MAY 2019 22:42:50

Middle Channel / 20MHz / QPSK



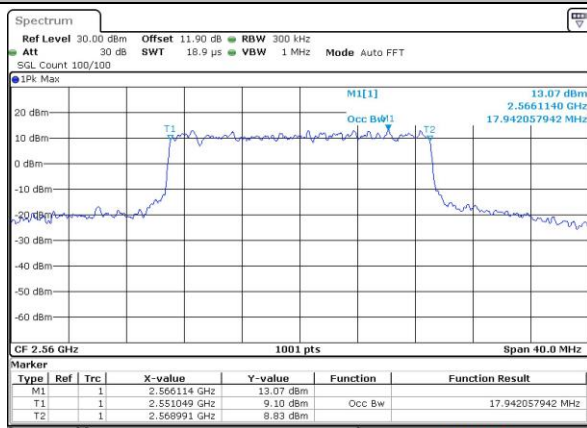
Date: 15 MAY 2019 22:47:26

Middle Channel / 20MHz / 16QAM



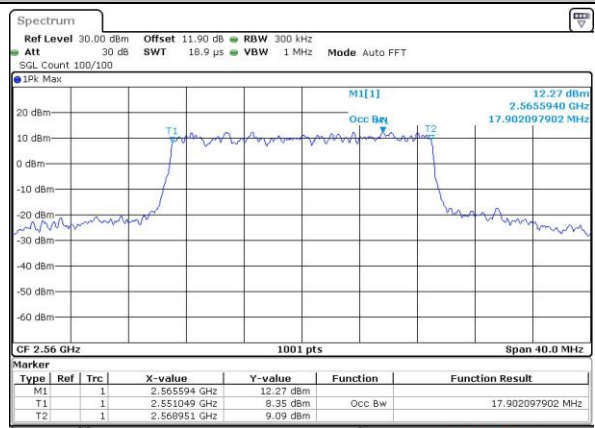
Date: 15 MAY 2019 22:47:38

Highest Channel / 20MHz / QPSK



Date: 15 MAY 2019 22:49:43

Highest Channel / 20MHz / 16QAM



Date: 15 MAY 2019 22:49:56

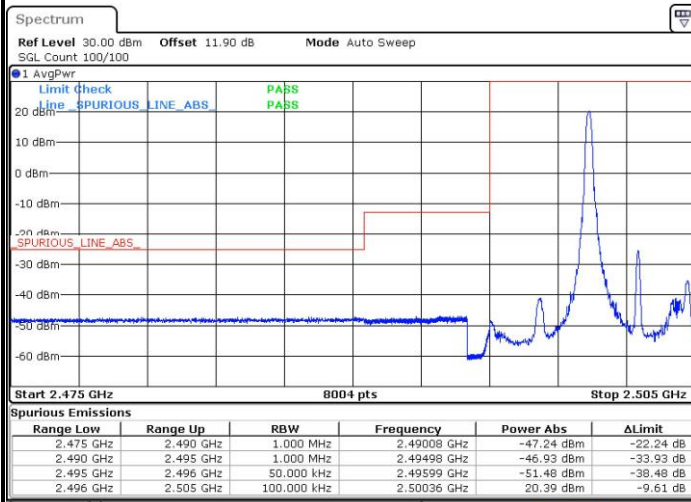


Conducted Band Edge



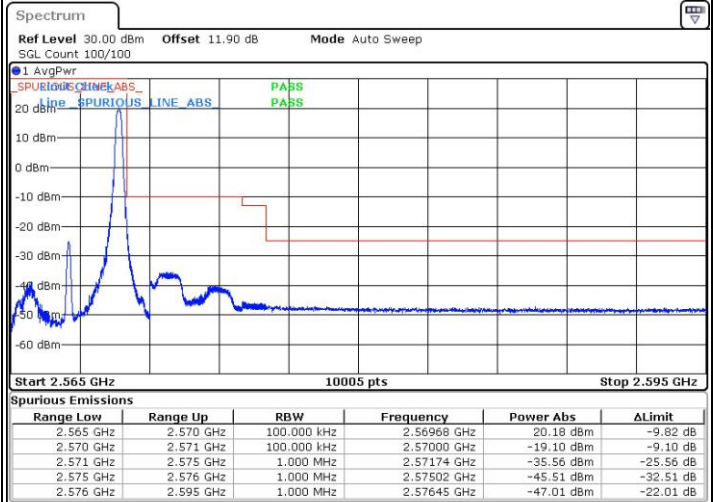
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



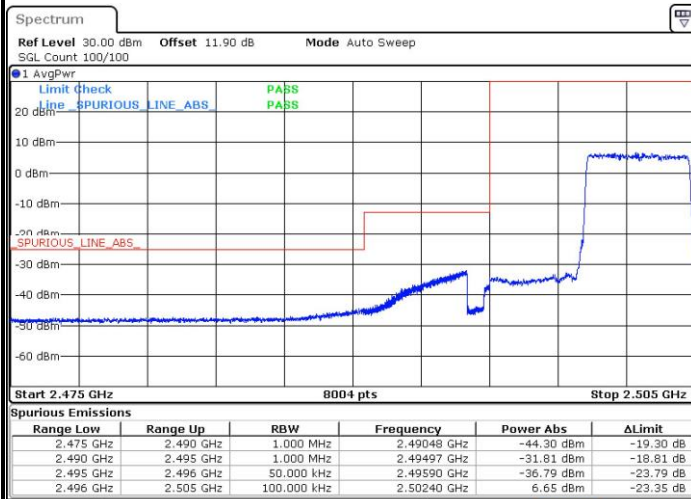
Date: 15.MAY.2019 22:08:08

Highest Band Edge / 1 RB



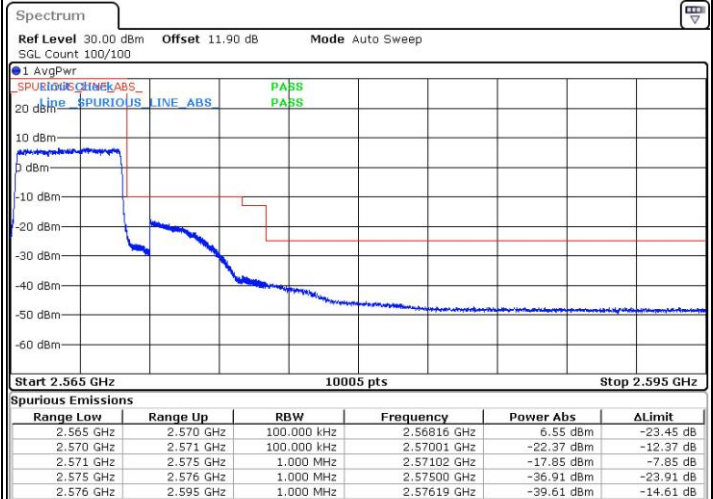
Date: 15.MAY.2019 22:15:13

Lowest Band Edge / Full RB



Date: 15.MAY.2019 22:09:21

Highest Band Edge / Full RB

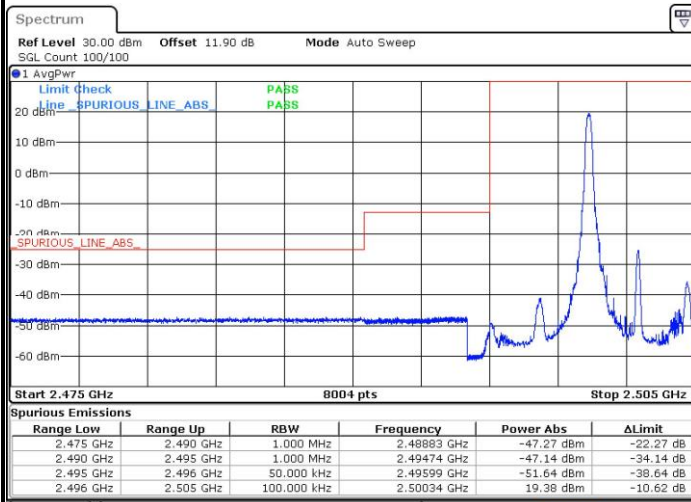


Date: 15.MAY.2019 22:16:27

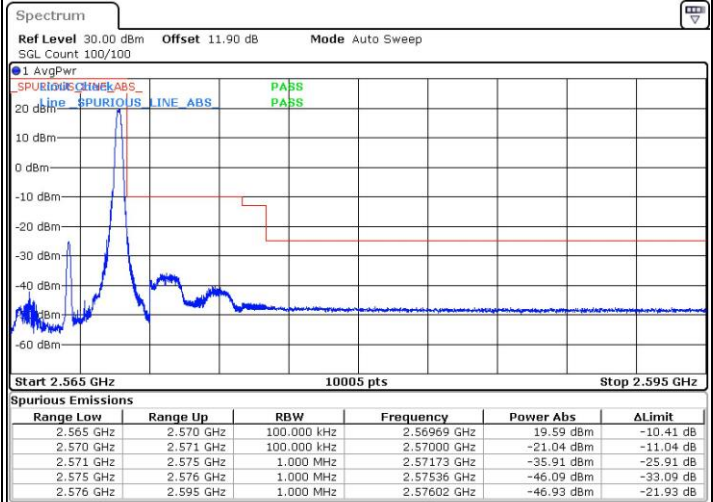


LTE Band 7 / 5MHz / 16QAM

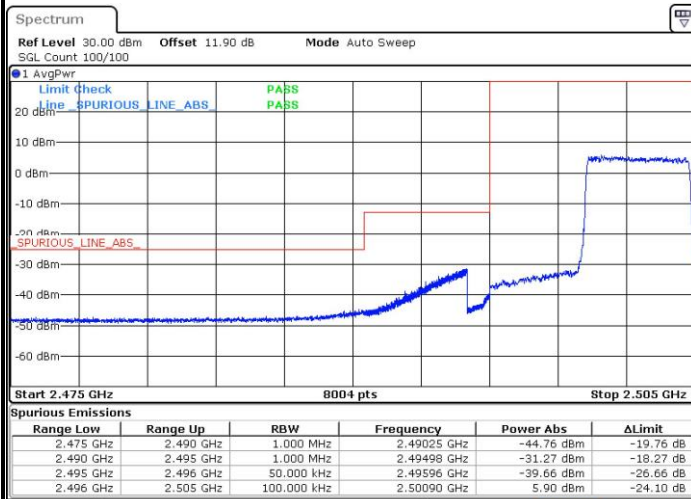
Lowest Band Edge / 1 RB



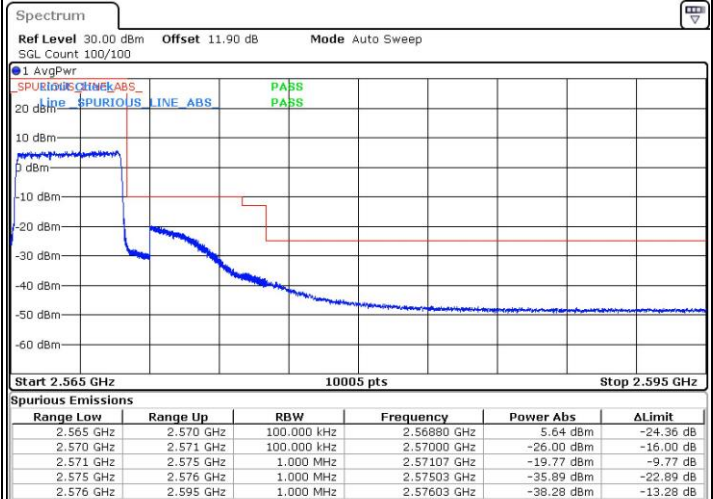
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



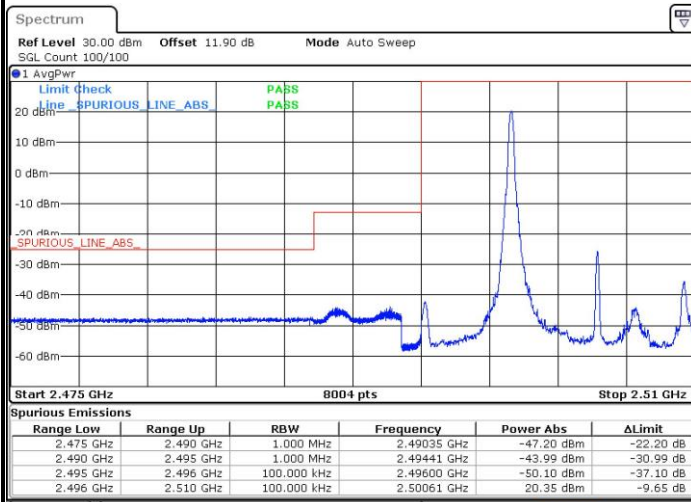
Highest Band Edge / Full RB



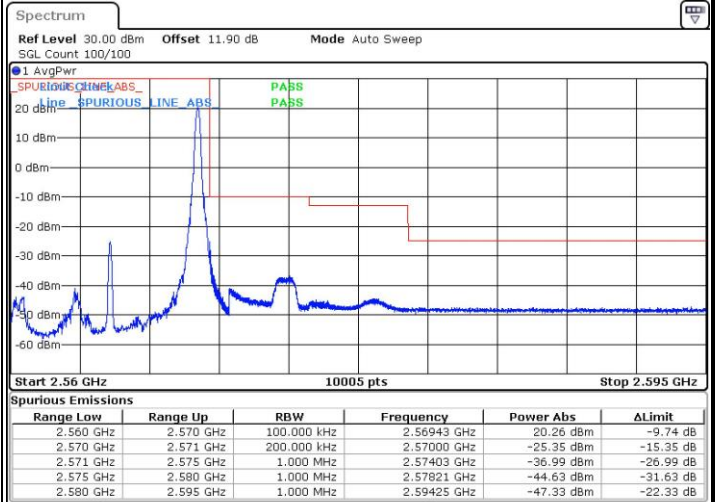


LTE Band 7 / 10MHz / QPSK

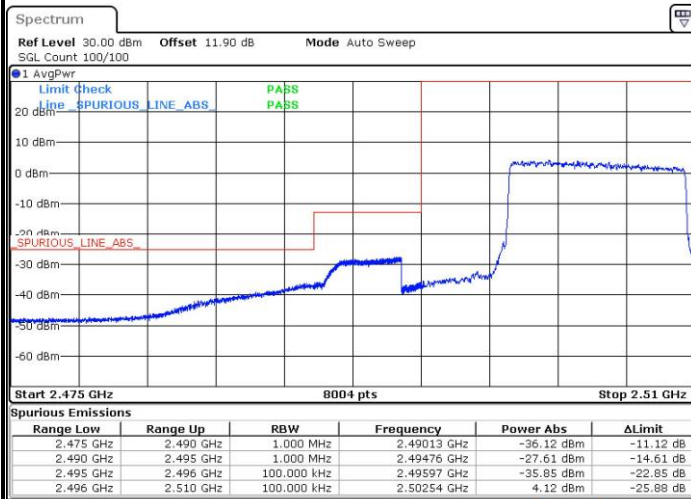
Lowest Band Edge / 1 RB



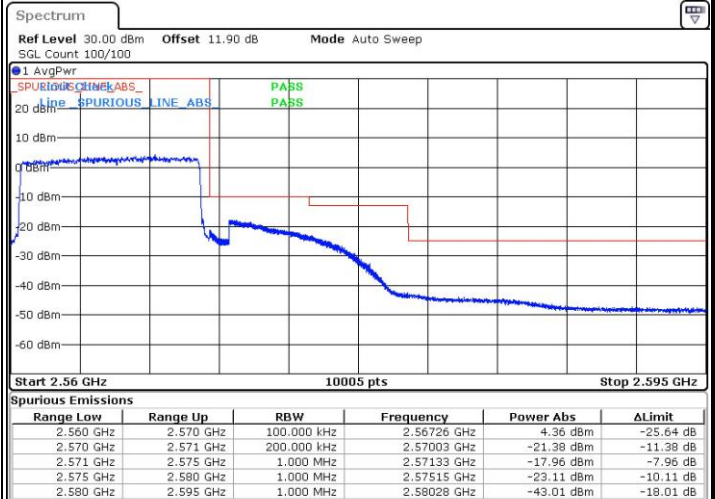
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



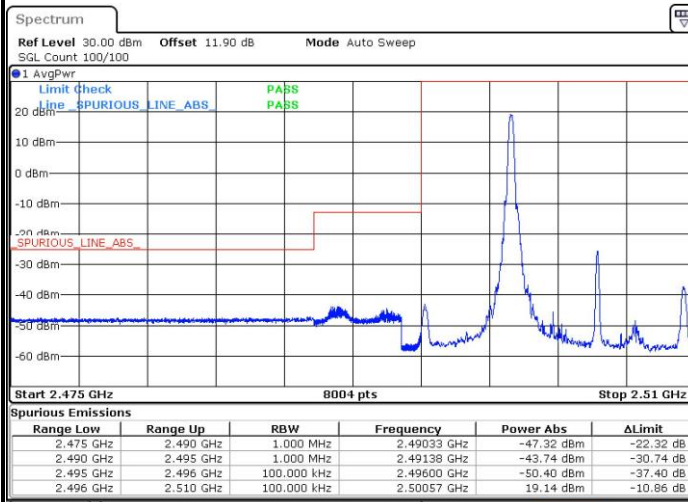
Highest Band Edge / Full RB



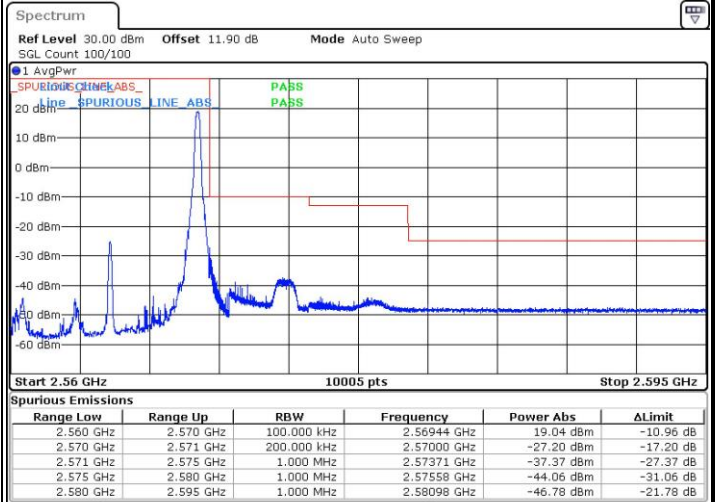


LTE Band 7 / 10MHz / 16QAM

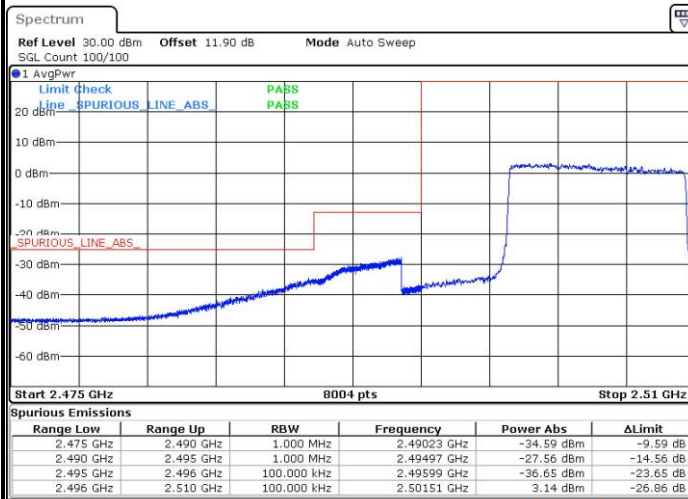
Lowest Band Edge / 1 RB



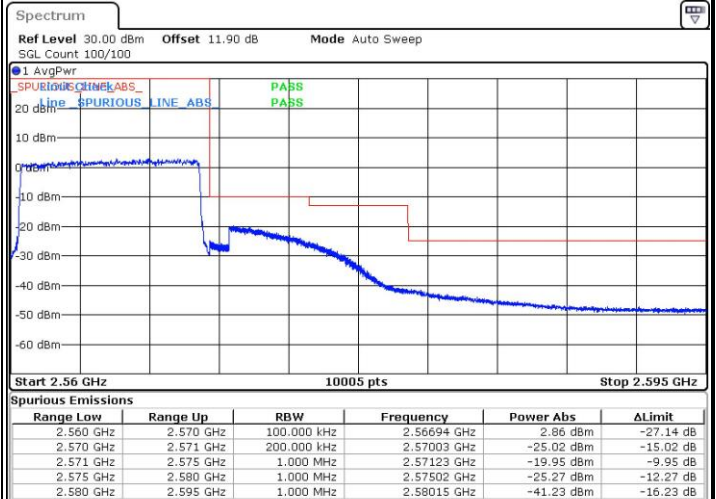
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



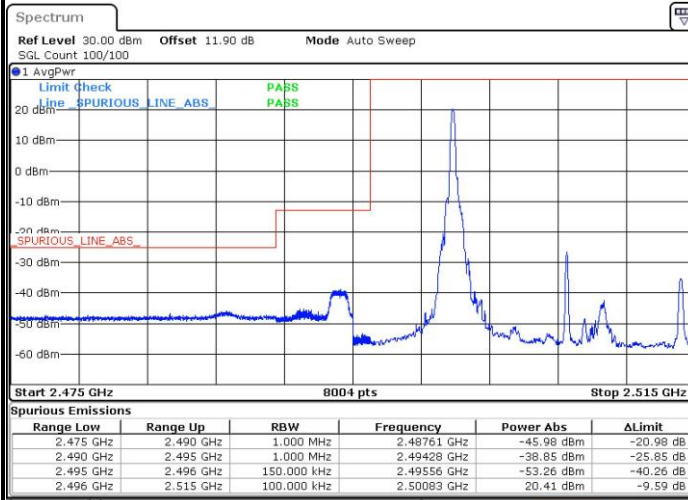
Highest Band Edge / Full RB



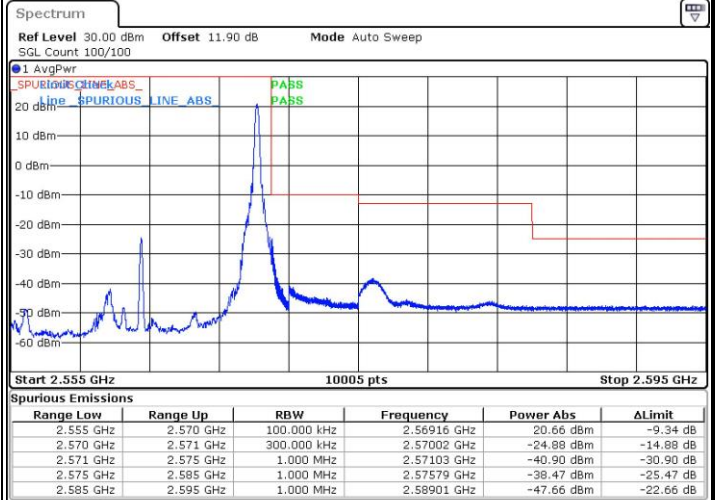


LTE Band 7 / 15MHz / QPSK

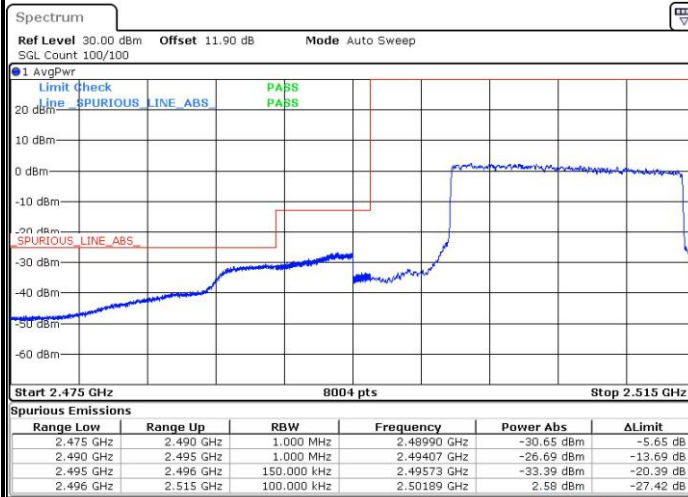
Lowest Band Edge / 1 RB



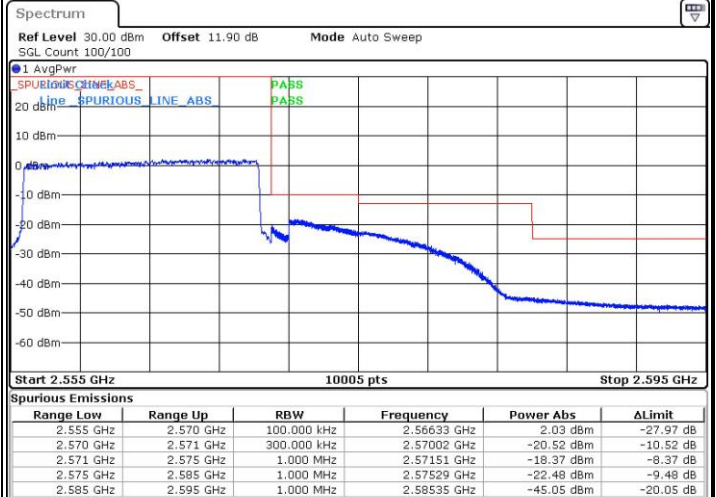
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



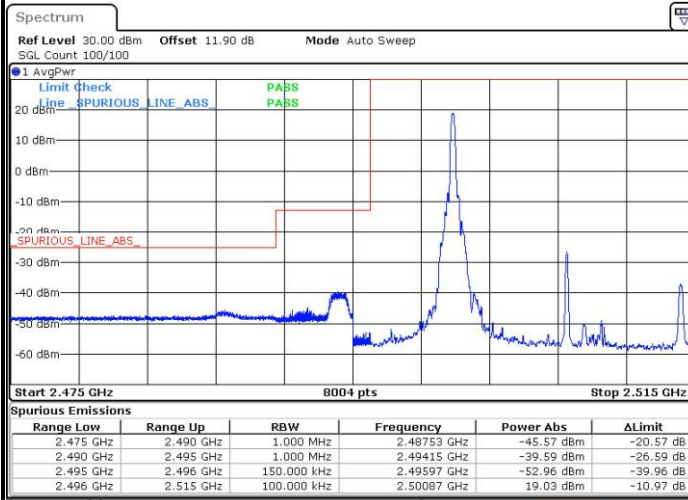
Highest Band Edge / Full RB



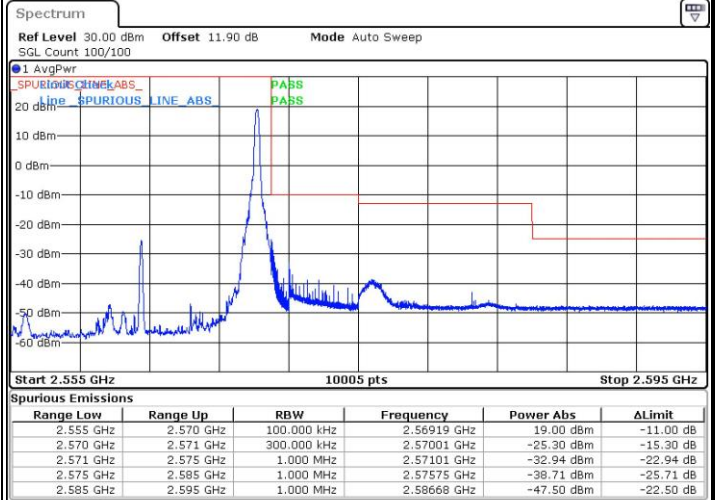


LTE Band 7 / 15MHz / 16QAM

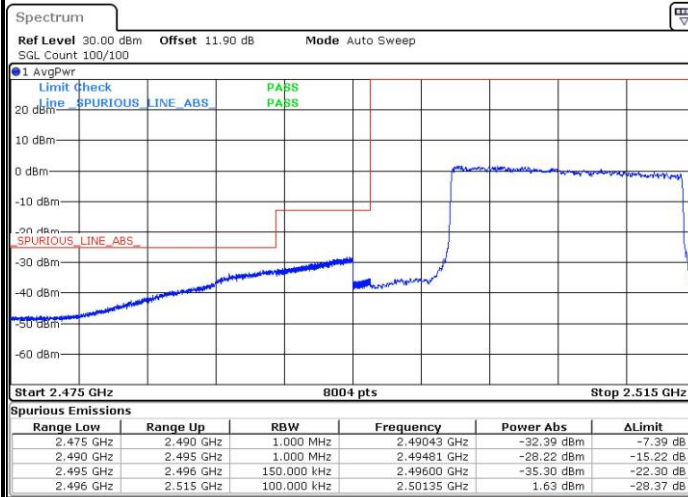
Lowest Band Edge / 1 RB



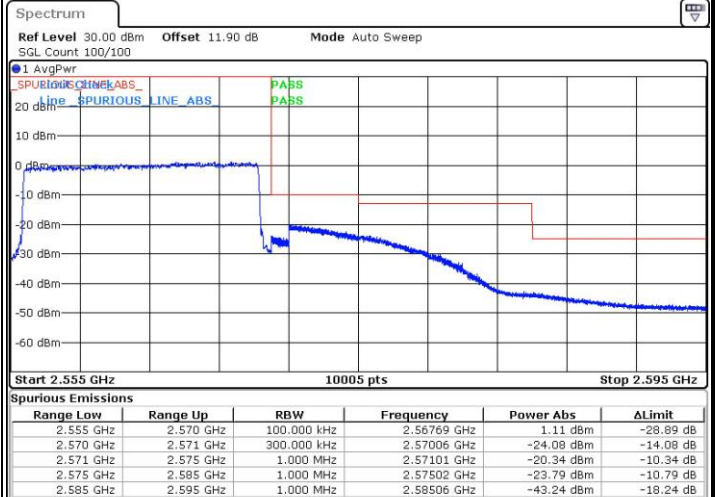
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



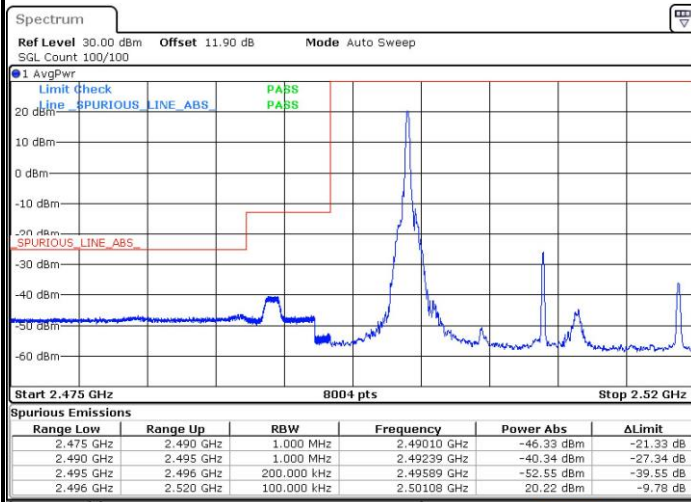
Highest Band Edge / Full RB



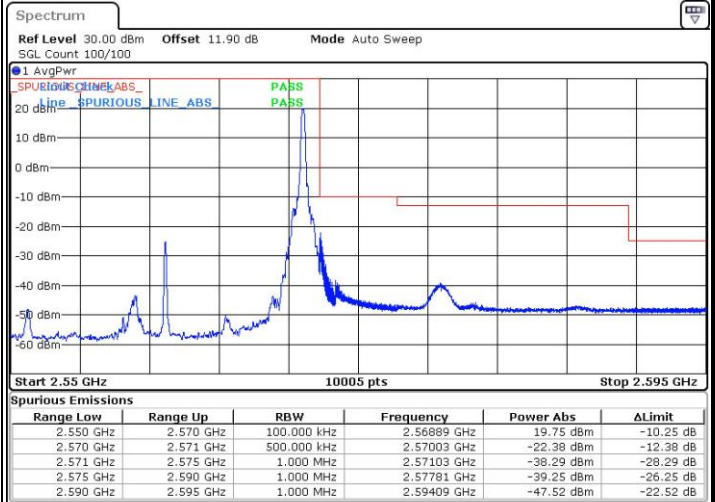


LTE Band 7 / 20MHz / QPSK

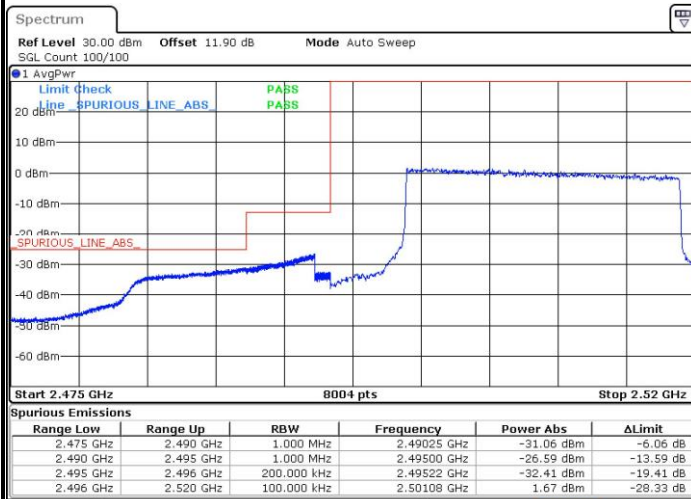
Lowest Band Edge / 1 RB



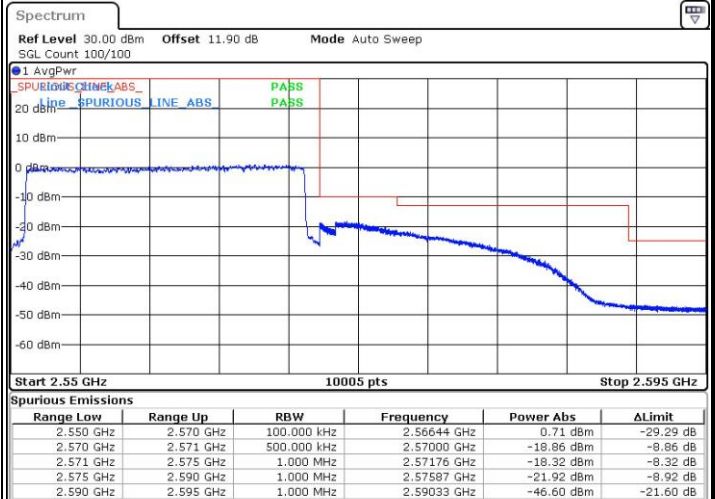
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



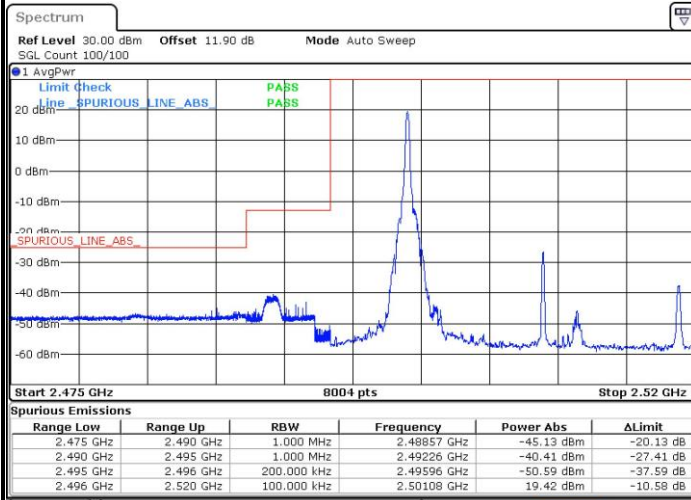
Highest Band Edge / Full RB



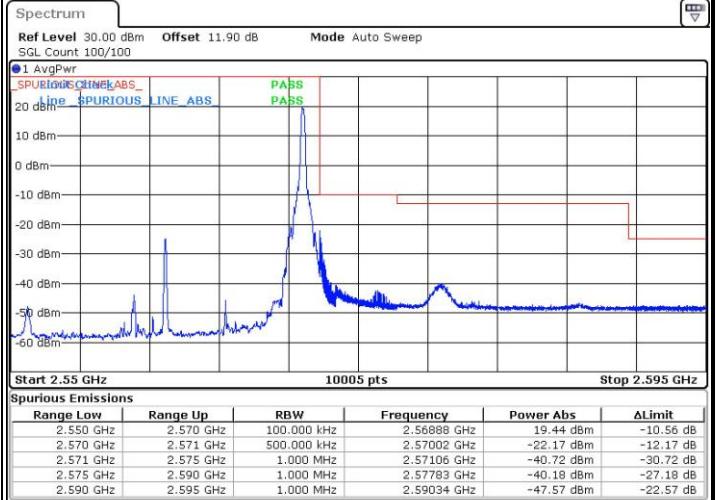


LTE Band 7 / 20MHz / 16QAM

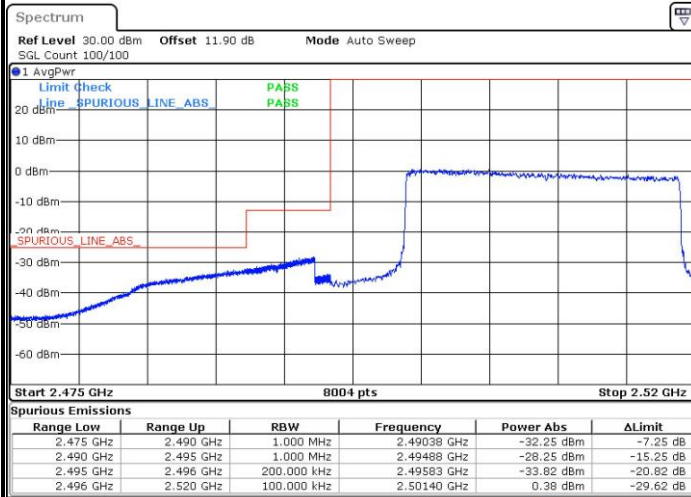
Lowest Band Edge / 1 RB



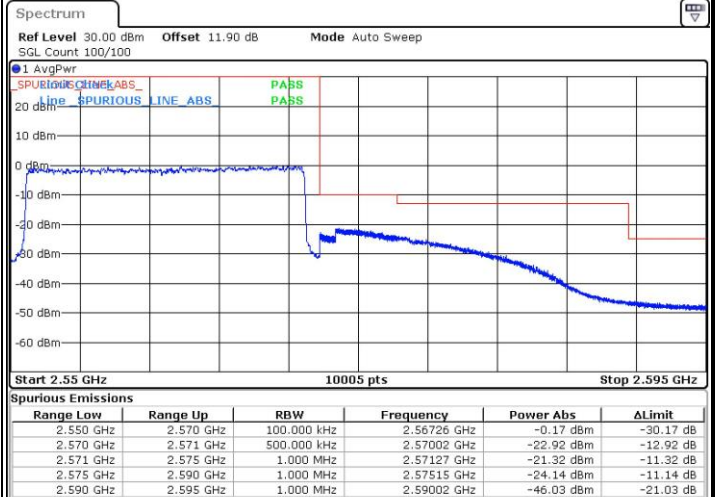
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



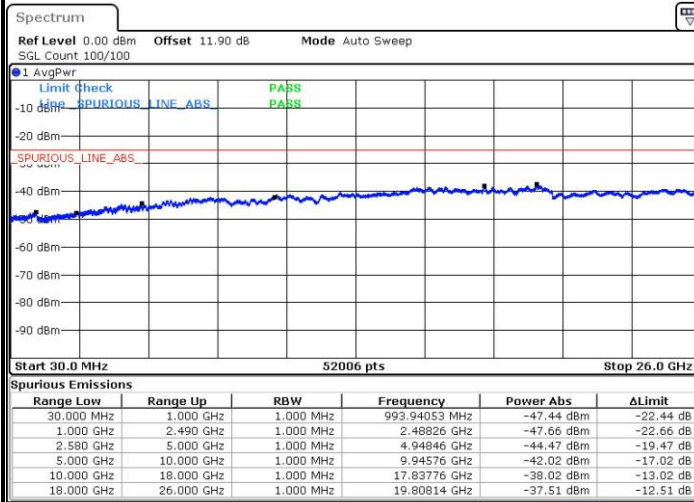


Conducted Spurious Emission



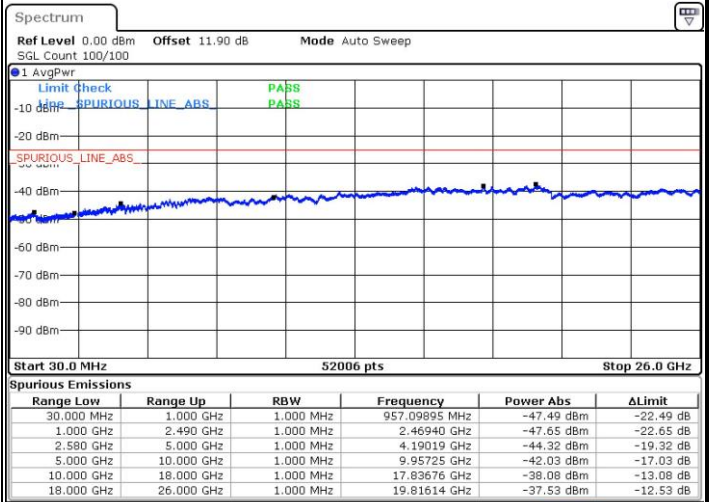
LTE Band 7 / 5MHz

Lowest Channel / QPSK



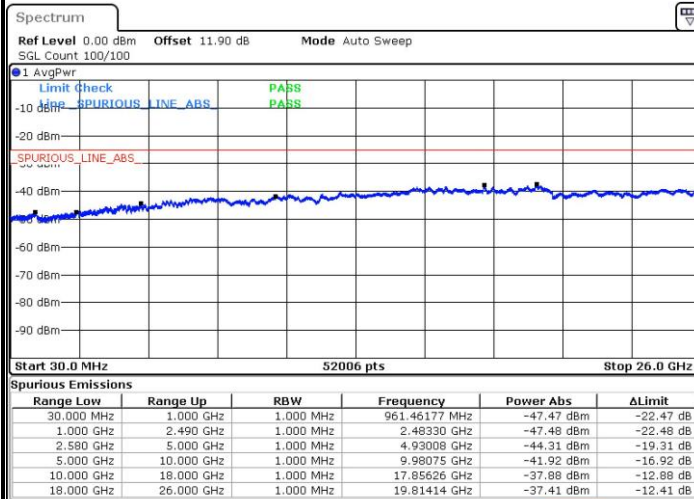
Date: 15 MAY 2019 22:10:44

Lowest Channel / 16QAM



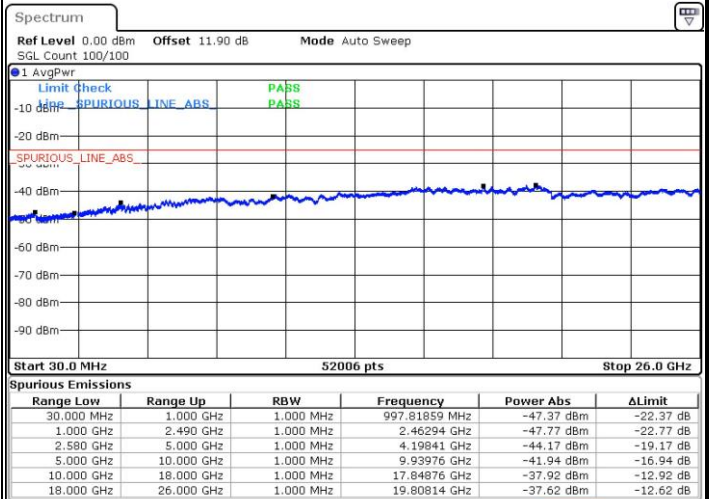
Date: 15 MAY 2019 22:11:30

Middle Channel / QPSK



Date: 15 MAY 2019 22:13:02

Middle Channel / 16QAM

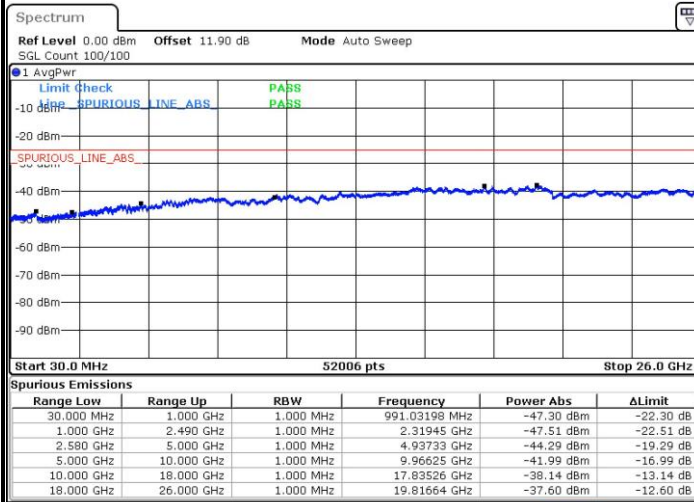


Date: 15 MAY 2019 22:13:47



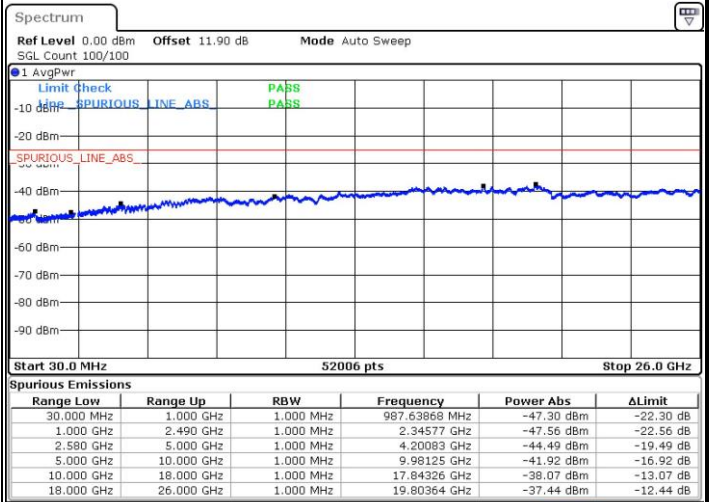
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 15 MAY 2019 22:17:49

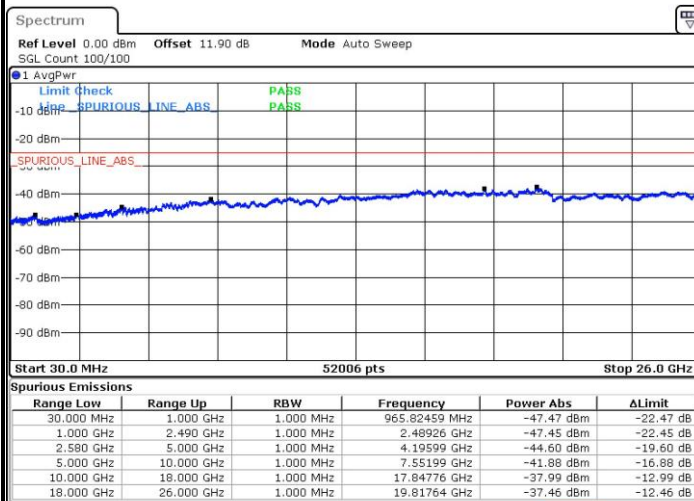
Highest Channel / 16QAM



Date: 15 MAY 2019 22:18:35

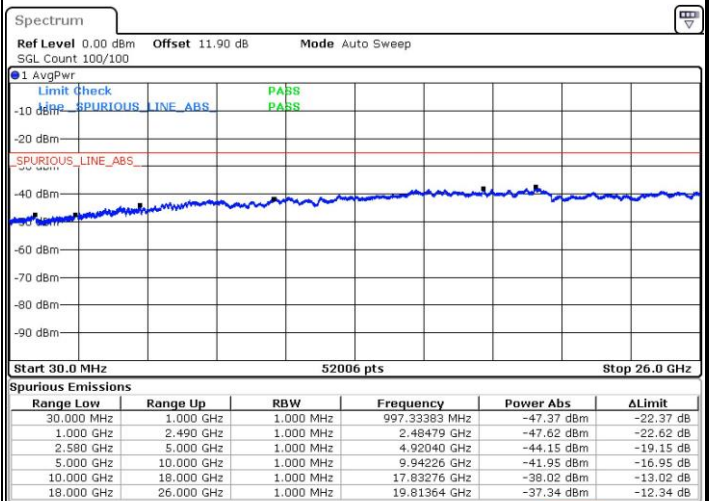
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 15 MAY 2019 22:22:39

Lowest Channel / 16QAM

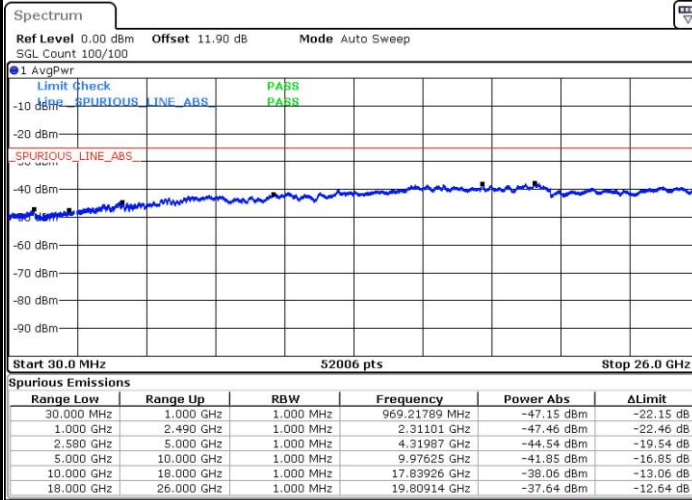


Date: 15 MAY 2019 22:23:24



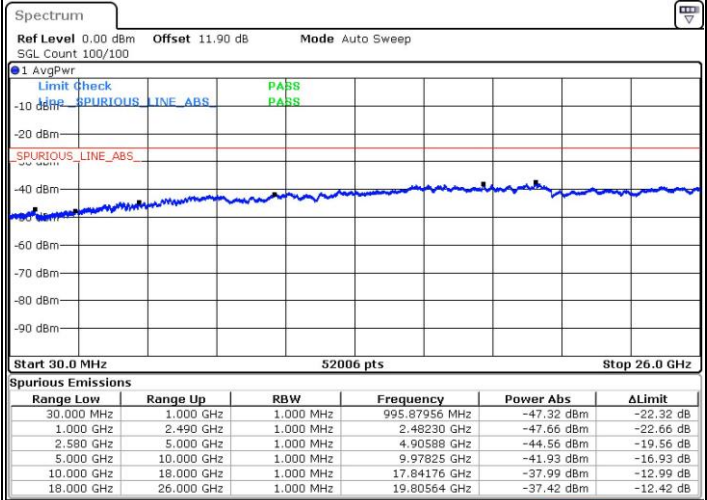
LTE Band 7 / 10MHz

Middle Channel / QPSK



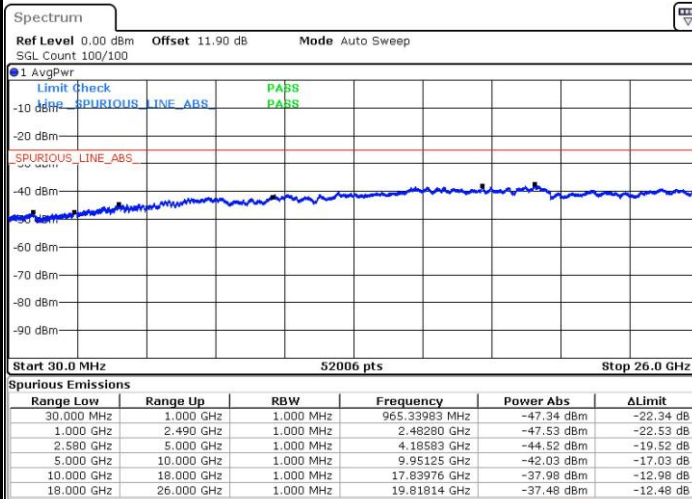
Date: 15 MAY 2019 22:24:57

Middle Channel / 16QAM



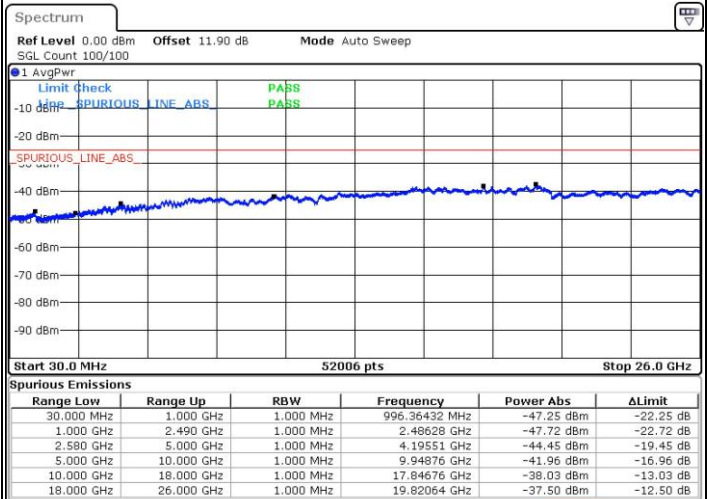
Date: 15 MAY 2019 22:25:42

Highest Channel / QPSK



Date: 15 MAY 2019 22:29:44

Highest Channel / 16QAM

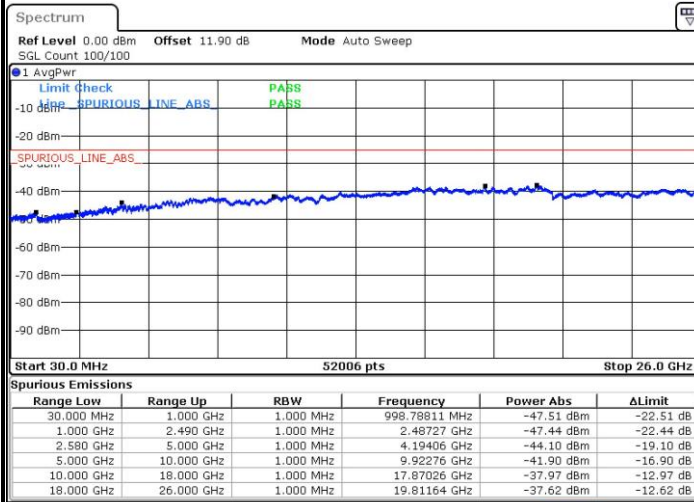


Date: 15 MAY 2019 22:30:30



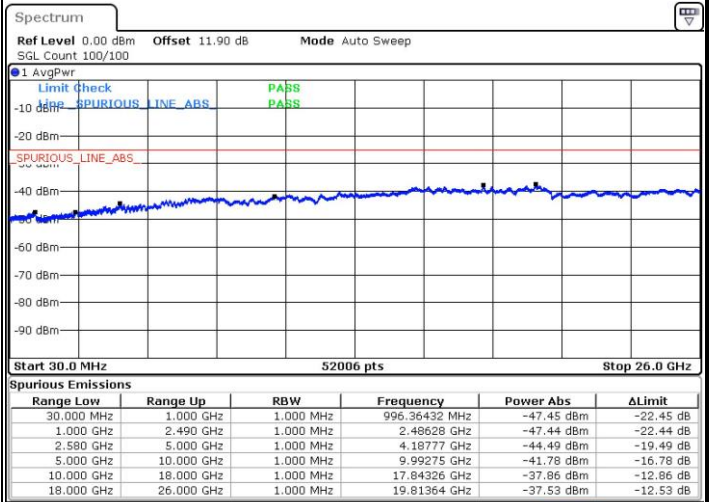
LTE Band 7 / 15MHz

Lowest Channel / QPSK



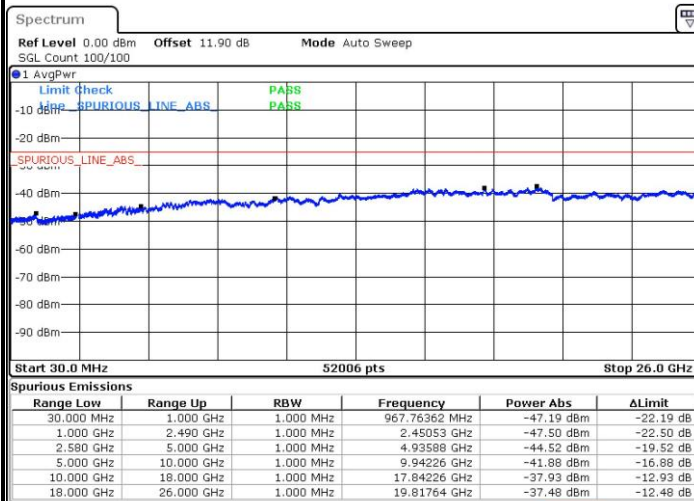
Date: 15 MAY 2019 22:34:33

Lowest Channel / 16QAM



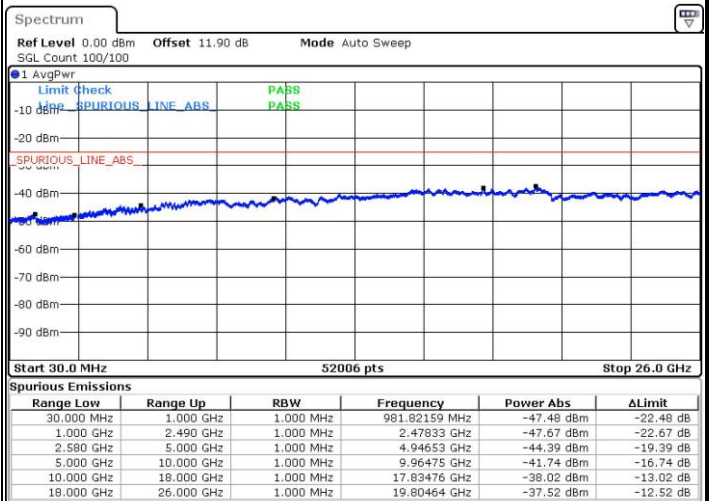
Date: 15 MAY 2019 22:35:19

Middle Channel / QPSK



Date: 15 MAY 2019 22:36:51

Middle Channel / 16QAM

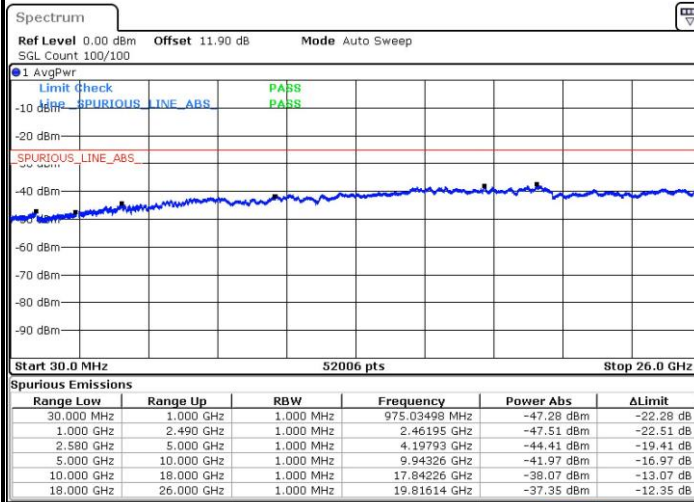


Date: 15 MAY 2019 22:37:36



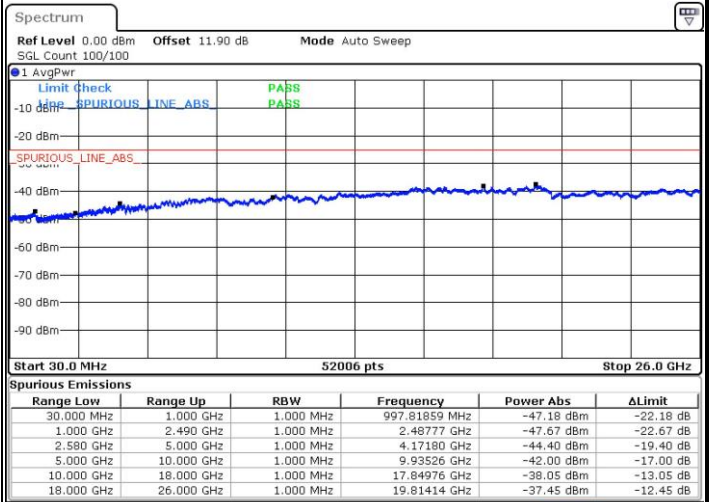
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 15 MAY 2019 22:41:38

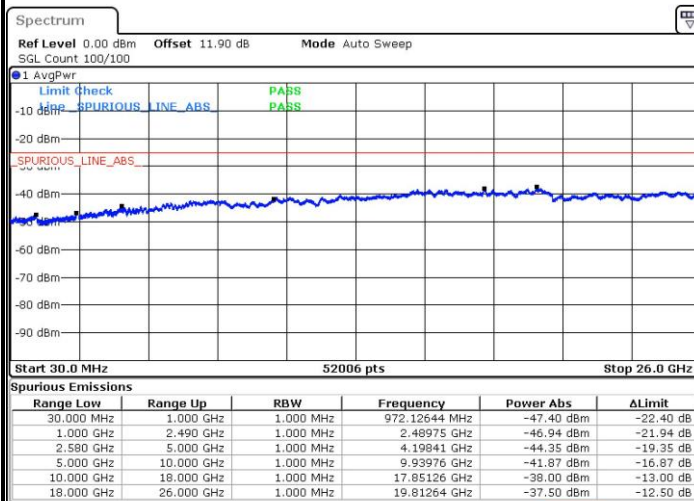
Highest Channel / 16QAM



Date: 15 MAY 2019 22:42:24

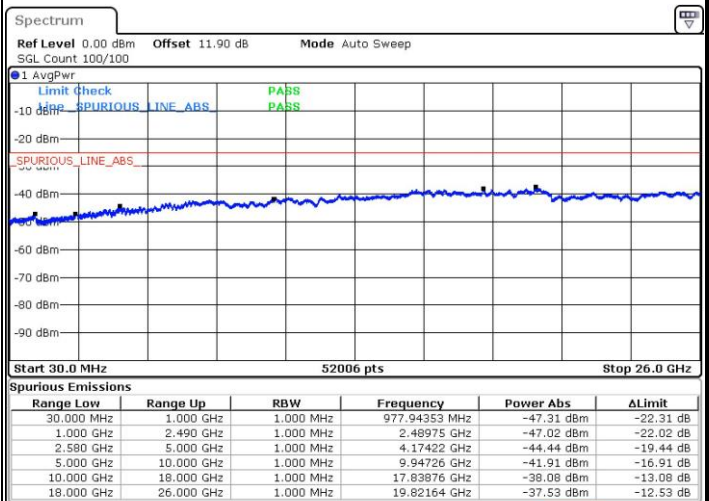
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 15 MAY 2019 22:46:28

Lowest Channel / 16QAM

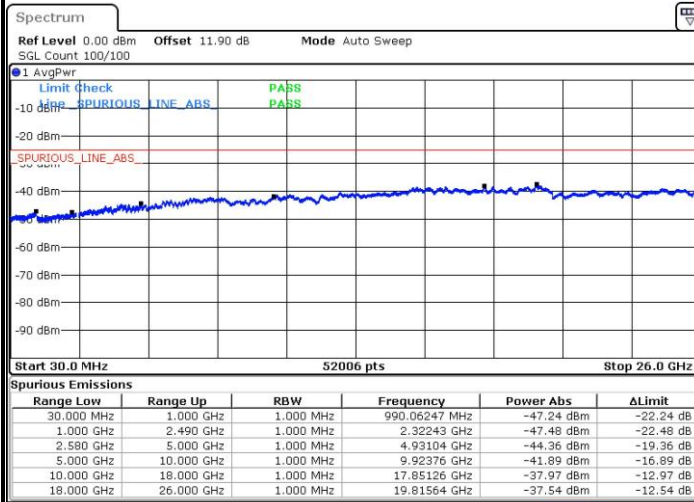


Date: 15 MAY 2019 22:47:13



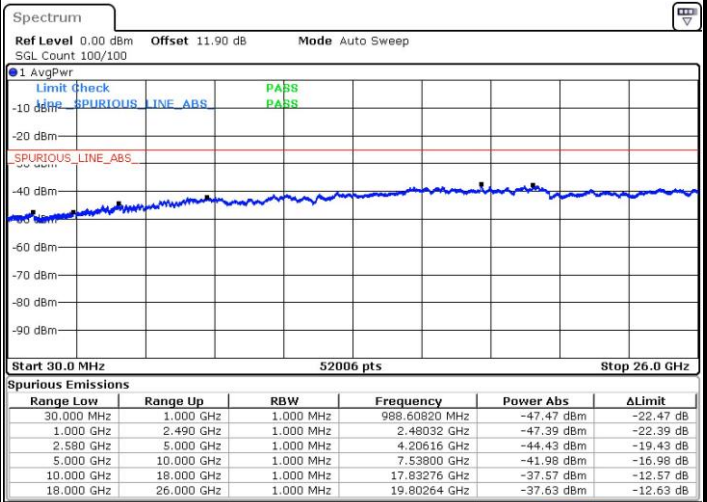
LTE Band 7 / 20MHz

Middle Channel / QPSK



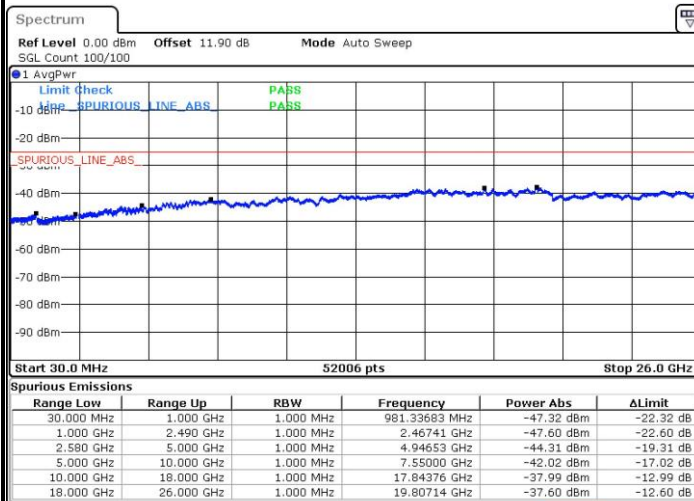
Date: 15 MAY 2019 22:48:46

Middle Channel / 16QAM



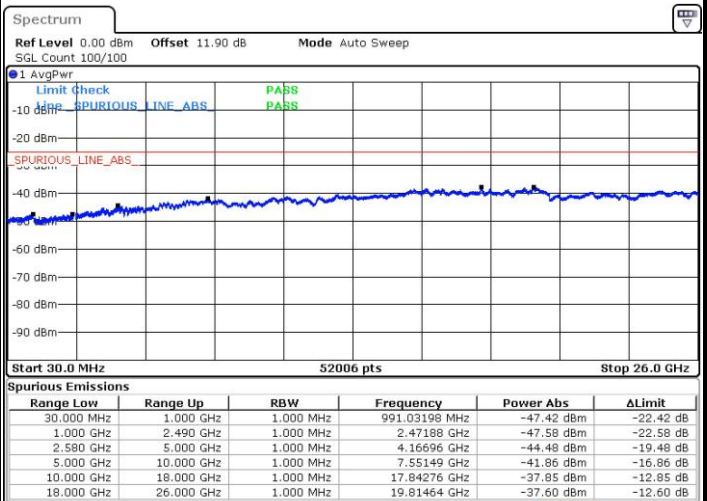
Date: 15 MAY 2019 22:49:31

Highest Channel / QPSK



Date: 15 MAY 2019 22:53:33

Highest Channel / 16QAM



Date: 15 MAY 2019 22:54:19

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0050	
-10	Normal Voltage	0.0047	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0047	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 17

Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.22	4.64	4.35	5.8	PASS
Middle CH	3.16	4.64	4.29	5.83	
Highest CH	3.25	4.58	4.58	5.86	