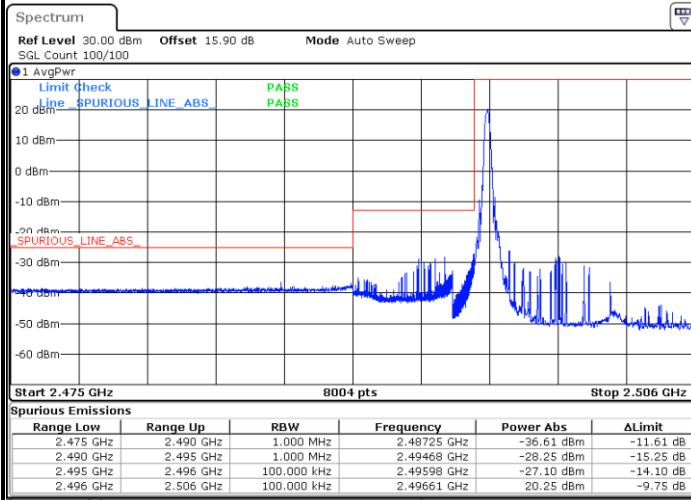




LTE Band 41 / 10MHz / 64QAM

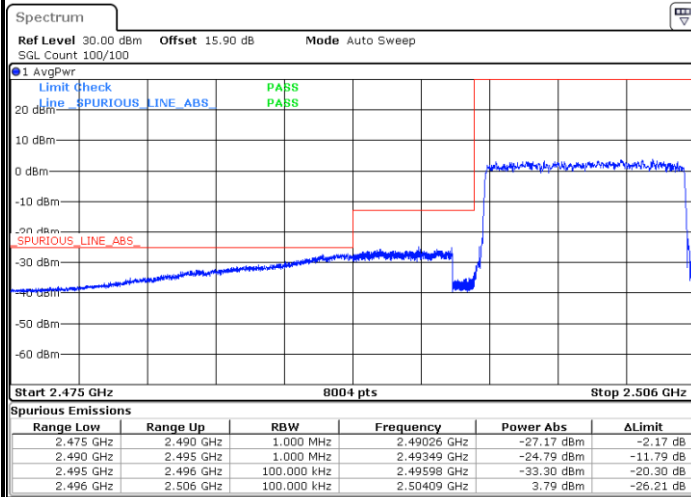
Lowest Band Edge / 1 RB



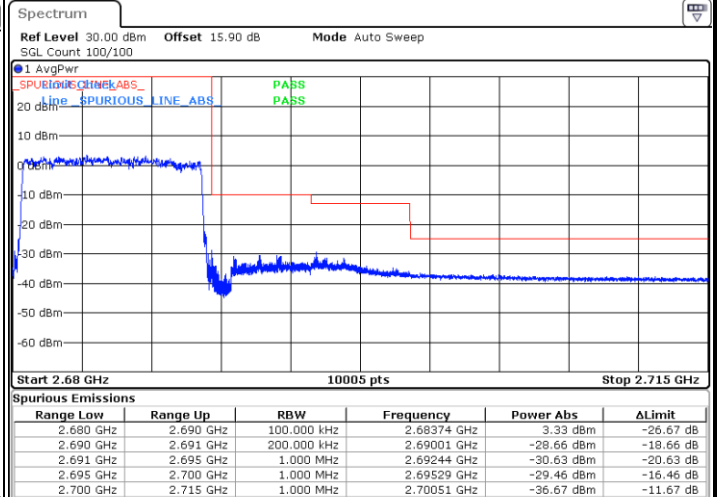
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



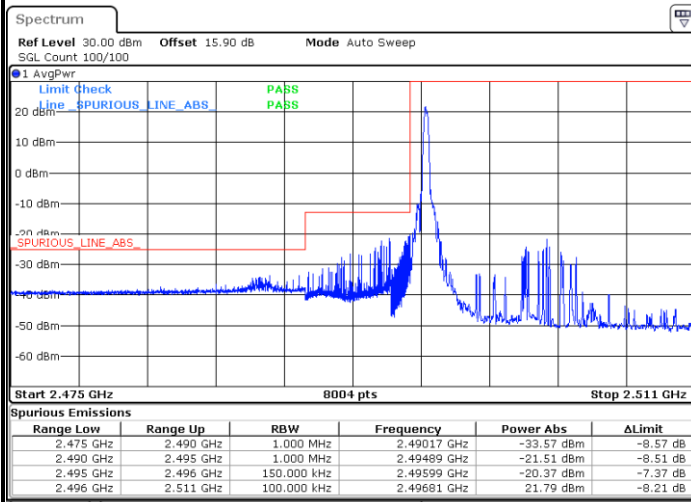
Highest Band Edge / Full RB



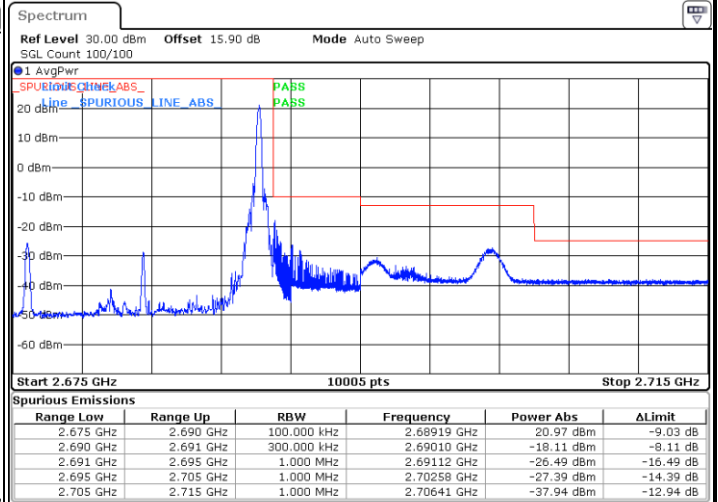


LTE Band 41 / 15MHz / QPSK

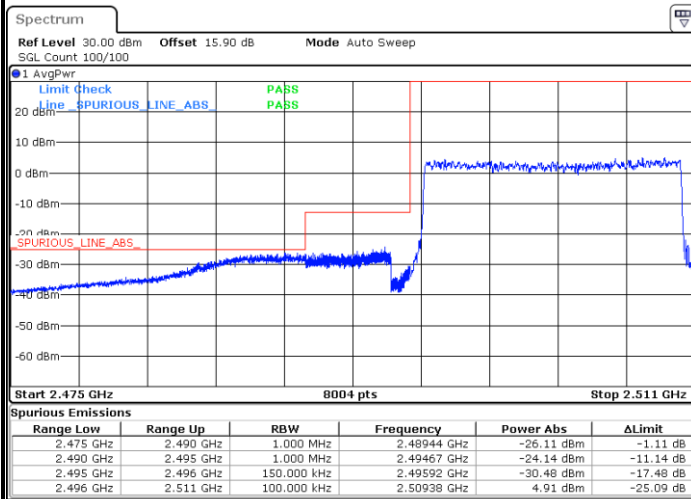
Lowest Band Edge / 1 RB



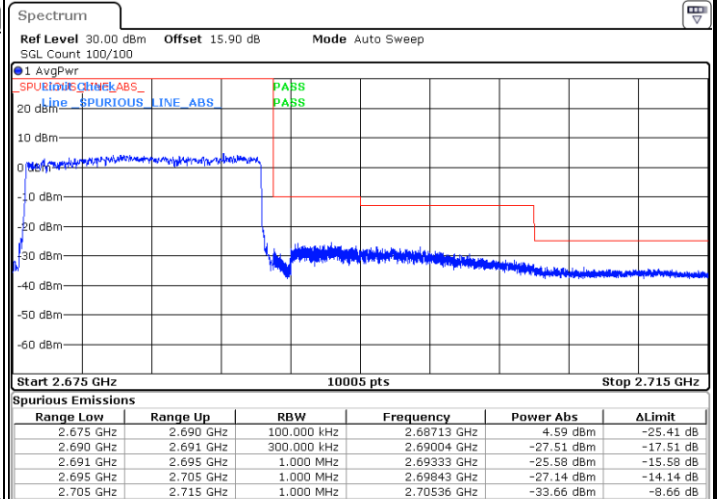
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



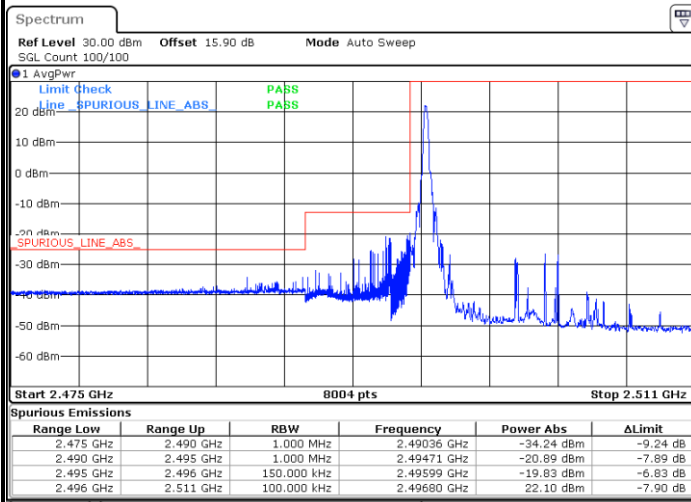
Highest Band Edge / Full RB



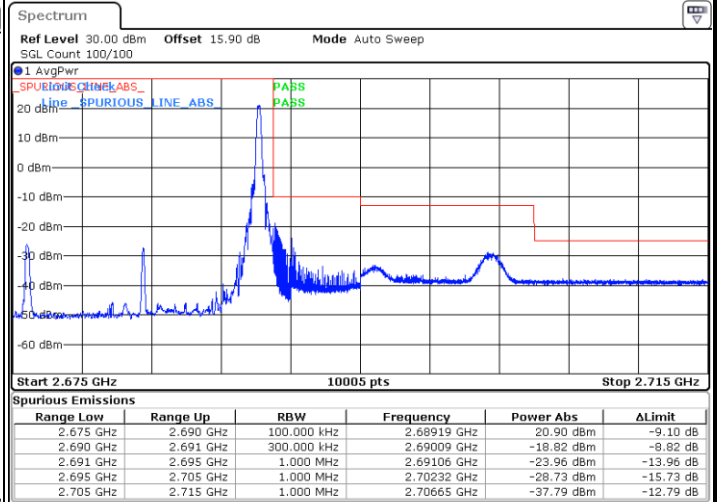


LTE Band 41 / 15MHz / 16QAM

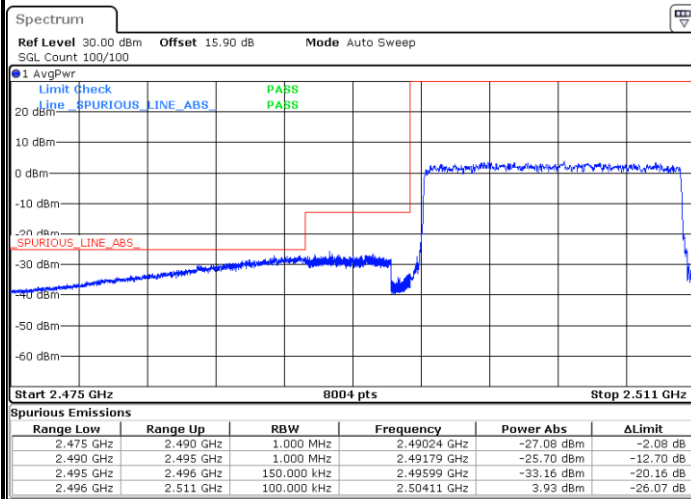
Lowest Band Edge / 1 RB



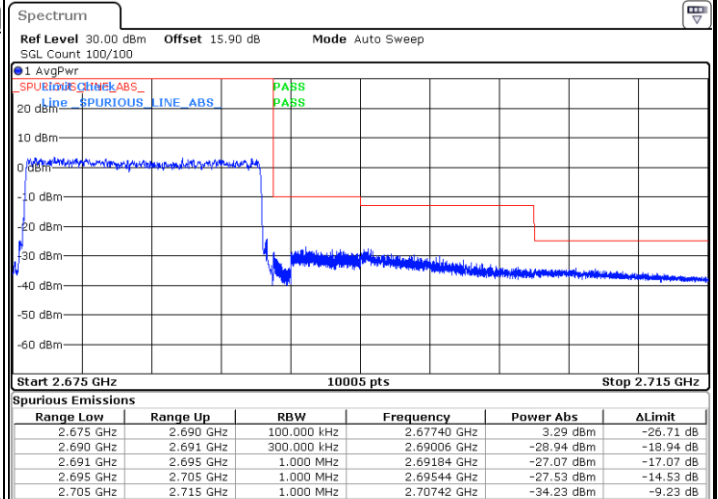
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



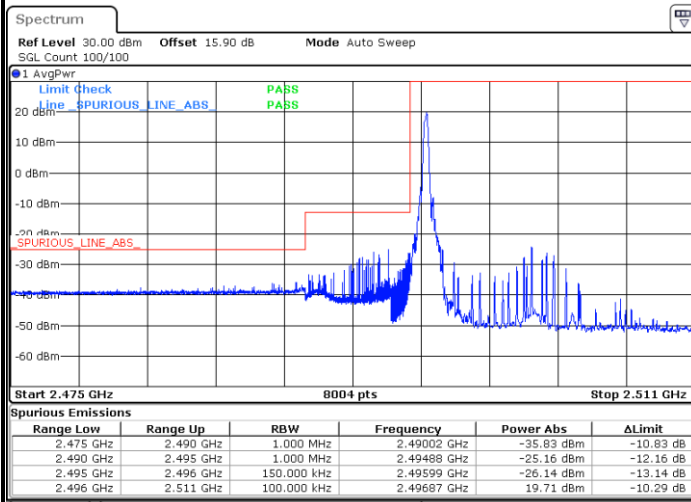
Highest Band Edge / Full RB



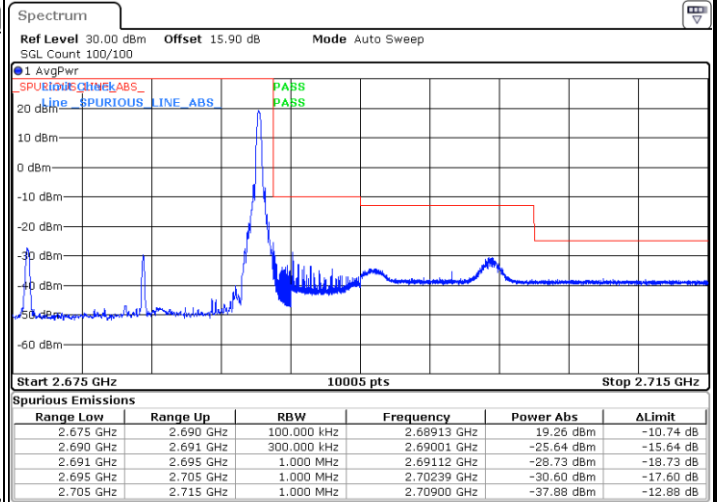


LTE Band 41 / 15MHz / 64QAM

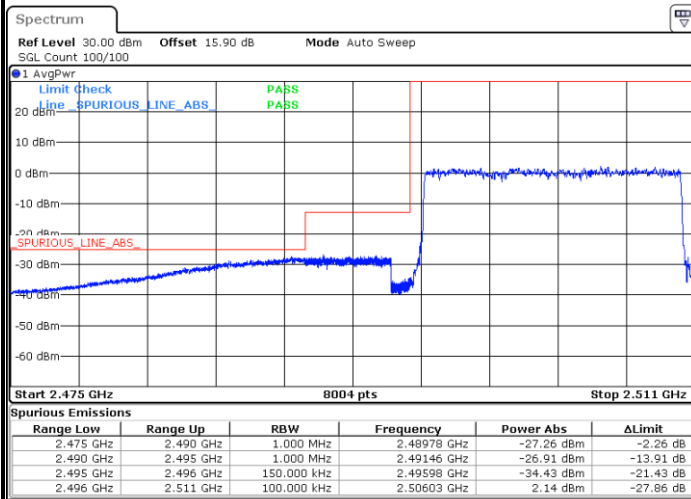
Lowest Band Edge / 1 RB



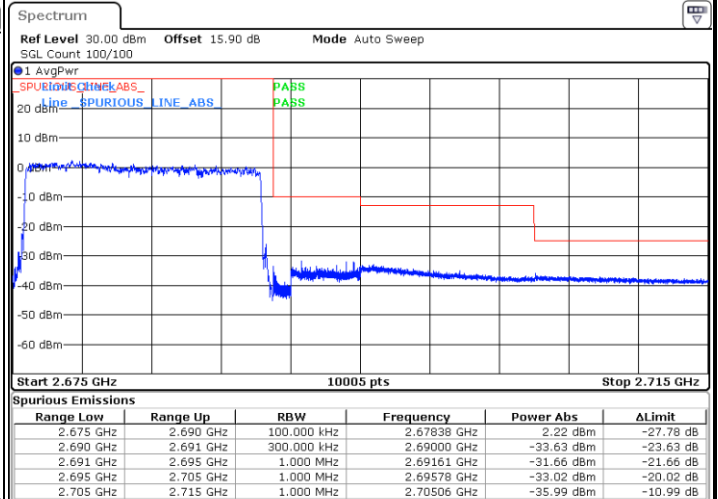
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



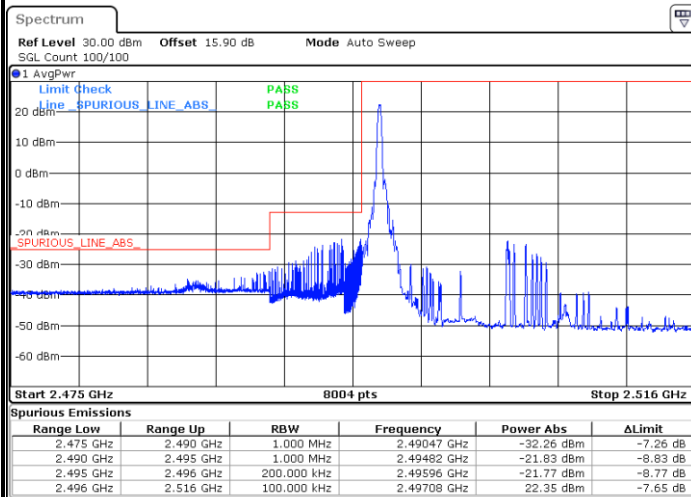
Highest Band Edge / Full RB



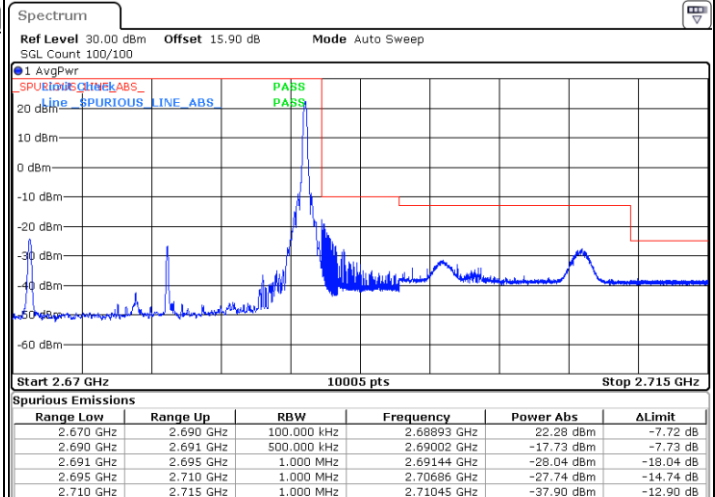


LTE Band 41 / 20MHz / QPSK

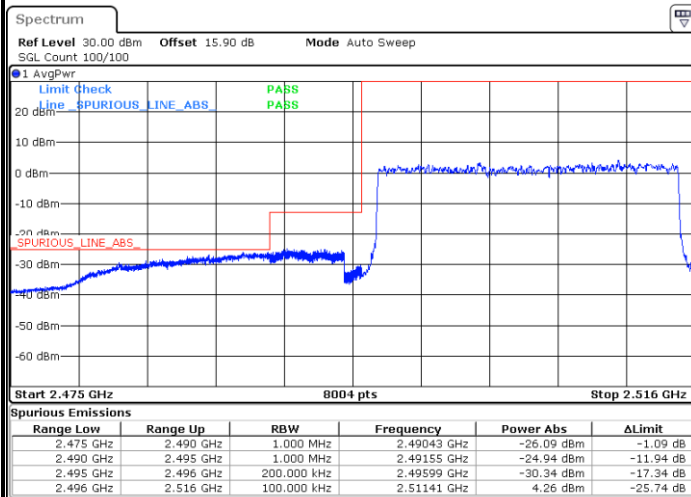
Lowest Band Edge / 1 RB



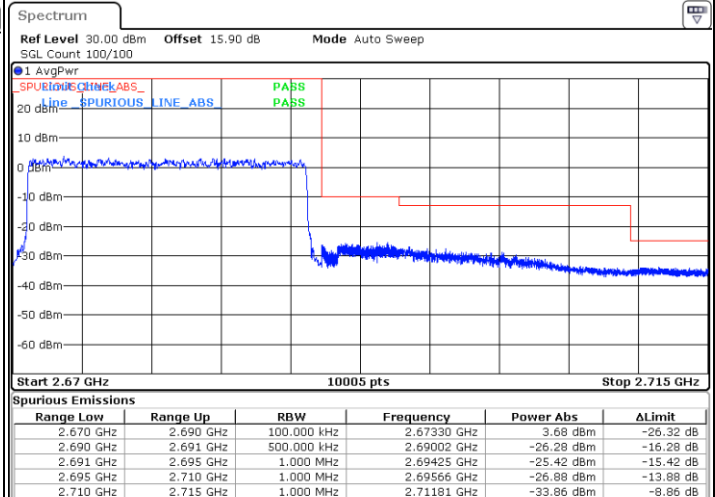
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



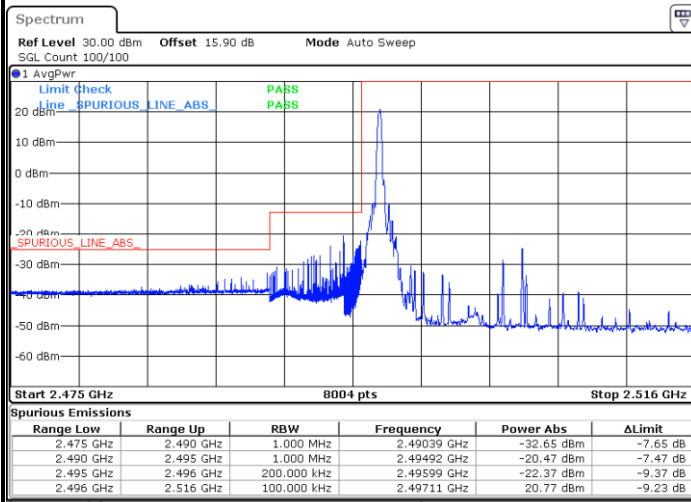
Highest Band Edge / Full RB



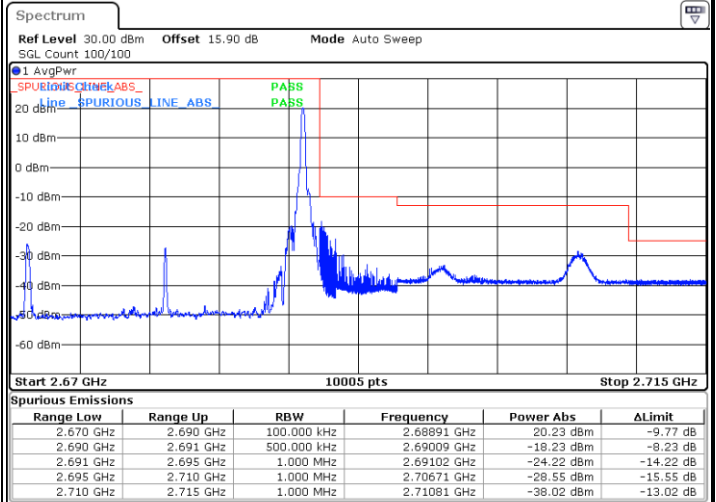


LTE Band 41 / 20MHz / 16QAM

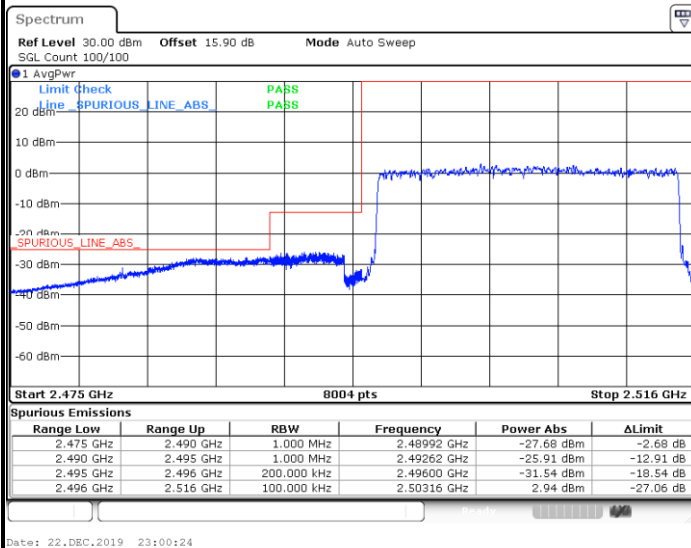
Lowest Band Edge / 1 RB



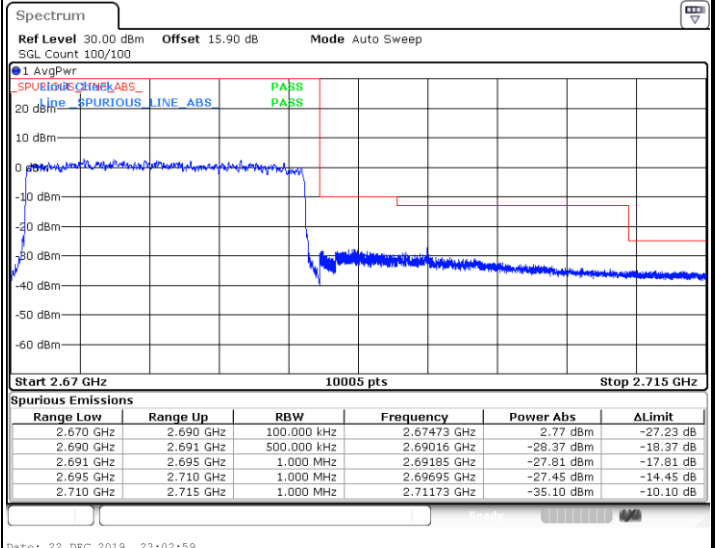
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



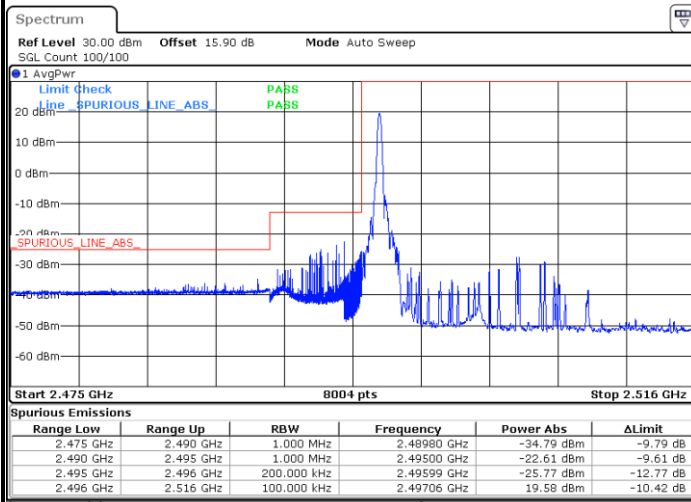
Highest Band Edge / Full RB



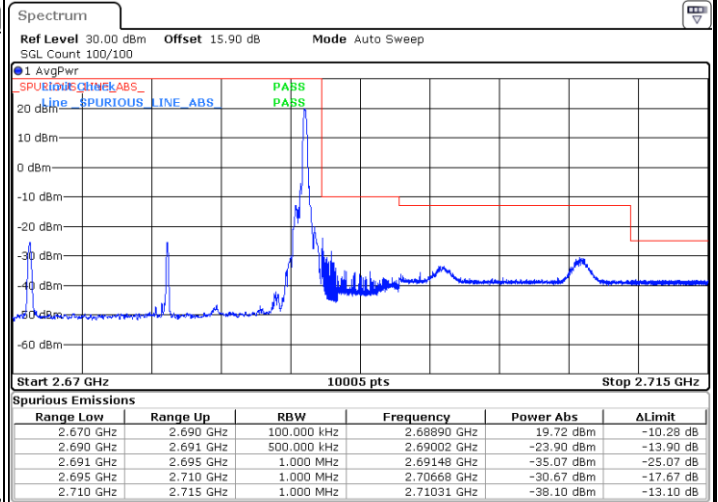


LTE Band 41 / 20MHz / 64QAM

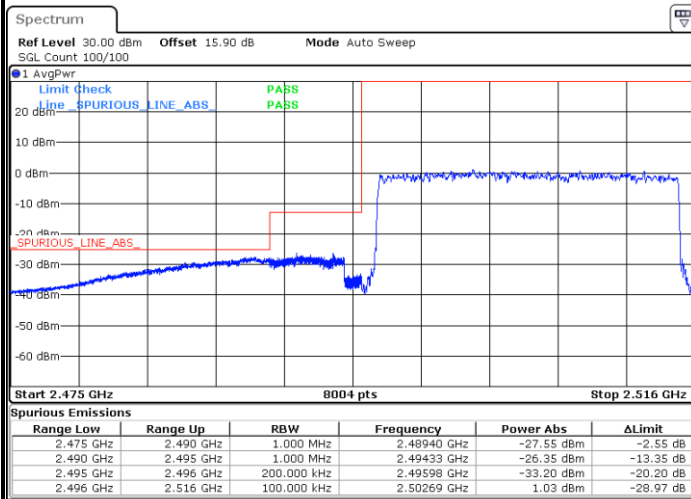
Lowest Band Edge / 1 RB



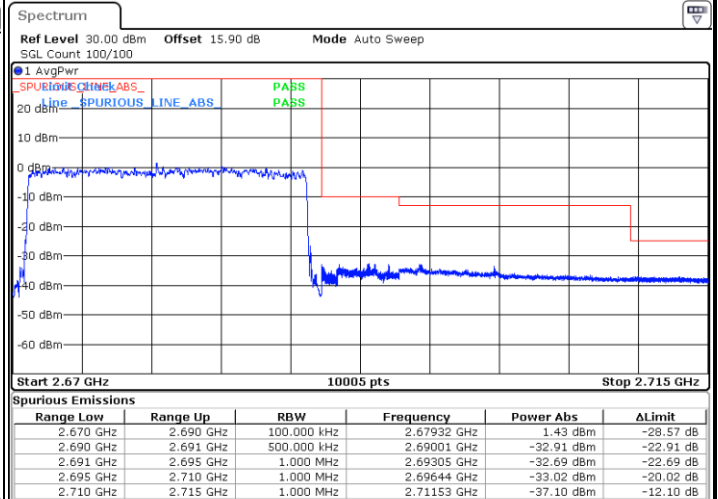
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

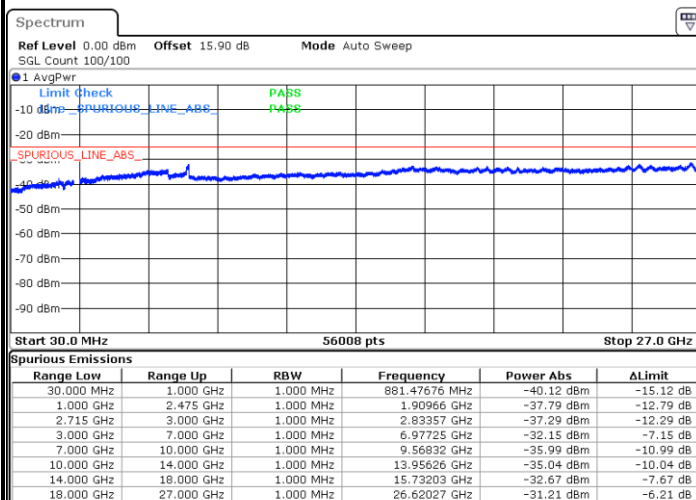




Conducted Spurious Emission

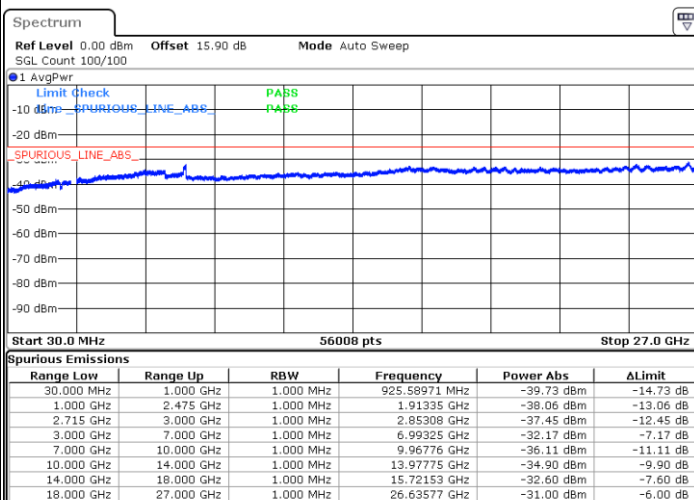
LTE Band 41 / 5MHz

Lowest Channel / QPSK



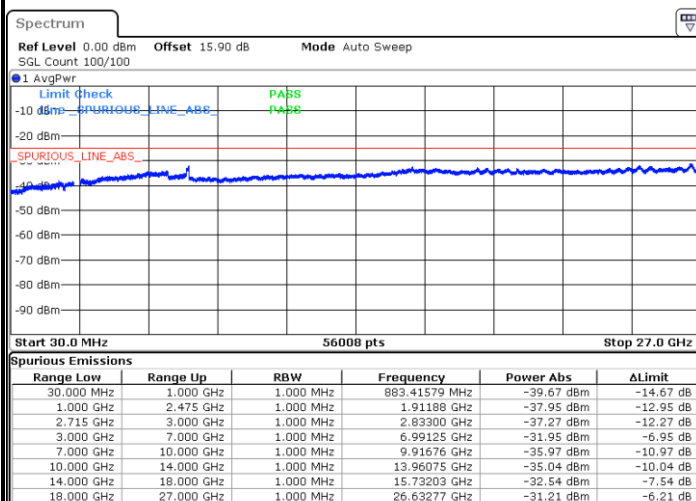
Date: 22.DEC.2019 23:10:58

Lowest Channel / 16QAM



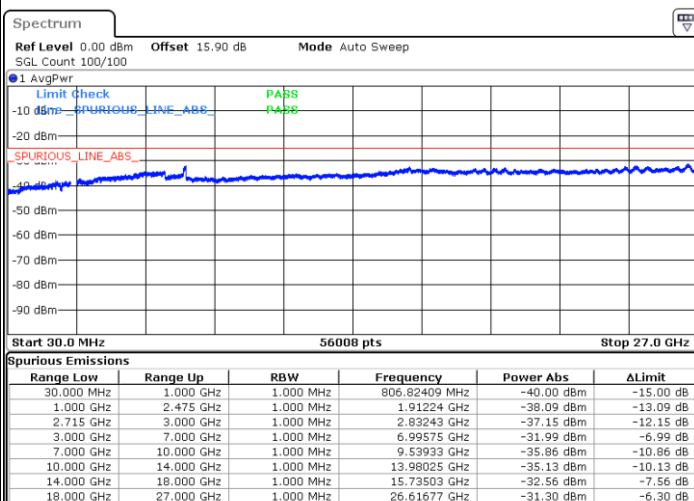
Date: 22.DEC.2019 23:11:52

Middle Channel / QPSK



Date: 22.DEC.2019 23:12:46

Middle Channel / 16QAM

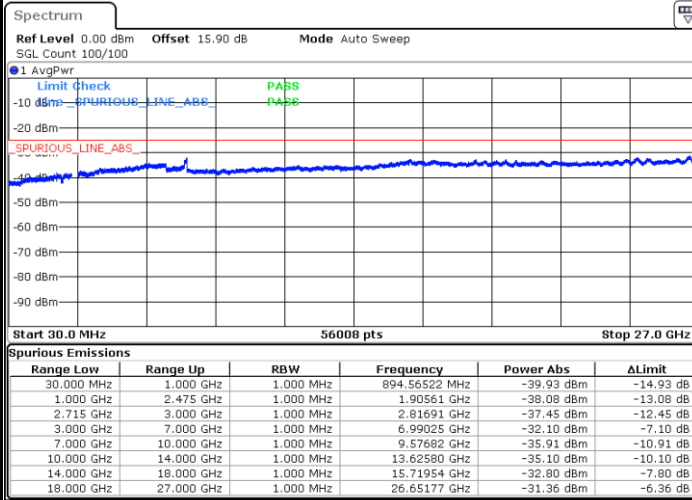


Date: 22.DEC.2019 23:13:40



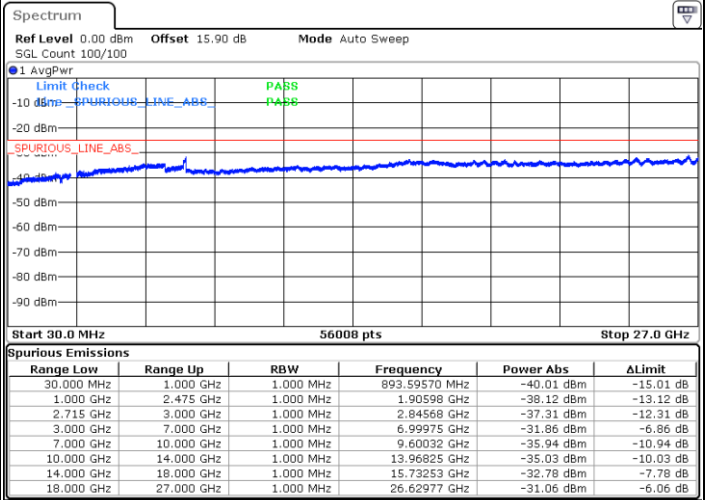
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 22.DEC.2019 23:17:06

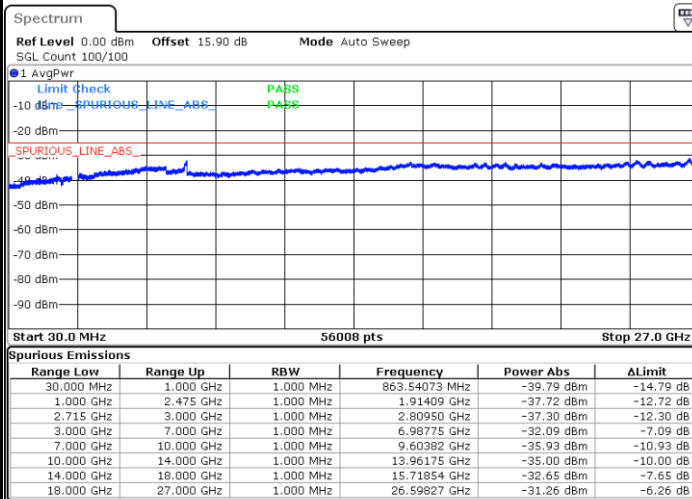
Highest Channel / 16QAM



Date: 22.DEC.2019 23:18:00

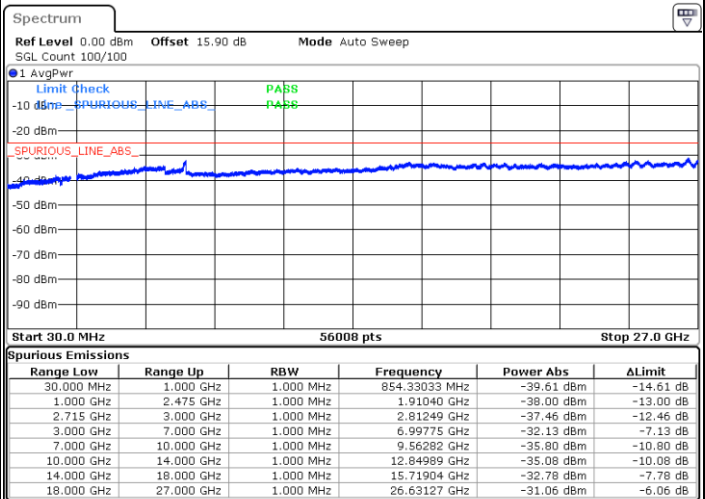
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 22.DEC.2019 23:21:36

Lowest Channel / 16QAM

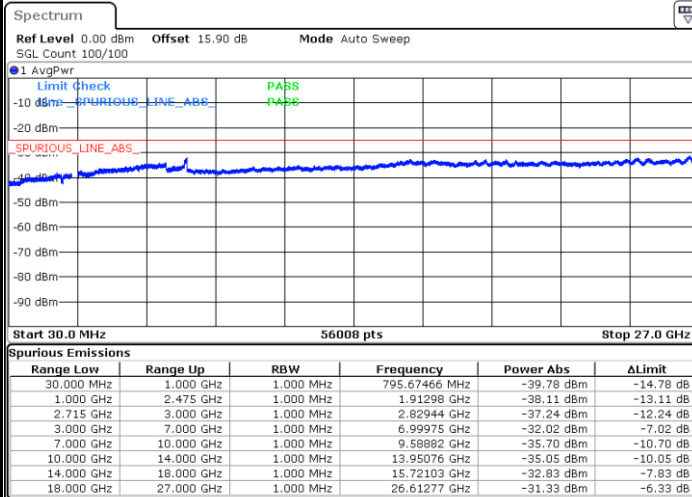


Date: 22.DEC.2019 23:22:30



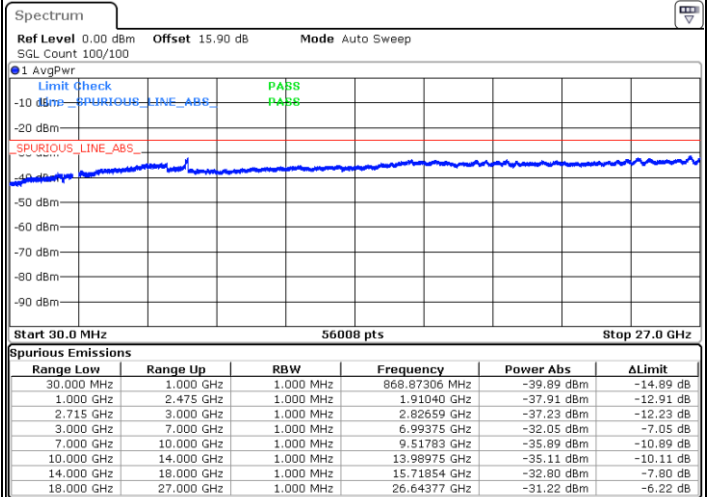
LTE Band 41 / 10MHz

Middle Channel / QPSK



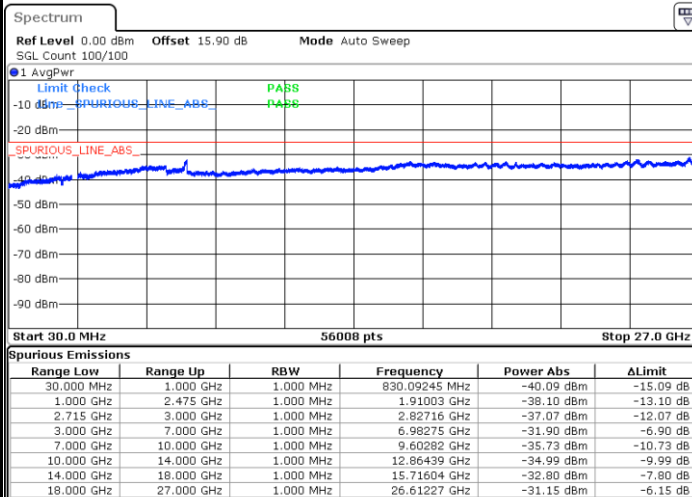
Date: 22.DEC.2019 23:23:24

Middle Channel / 16QAM



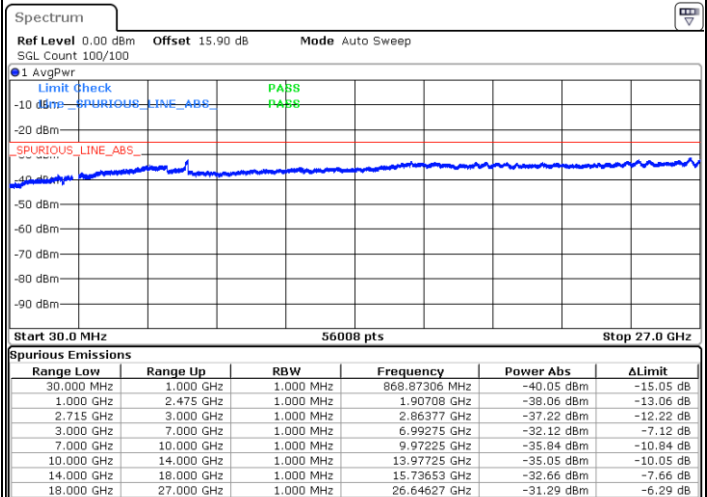
Date: 22.DEC.2019 23:24:17

Highest Channel / QPSK



Date: 22.DEC.2019 23:25:11

Highest Channel / 16QAM

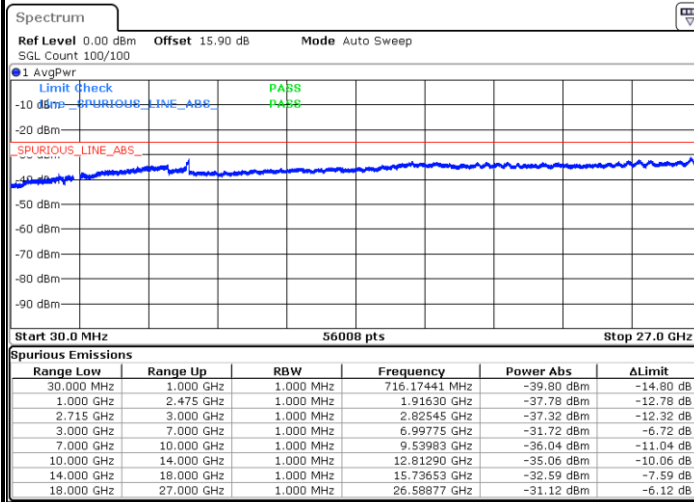


Date: 22.DEC.2019 23:26:05



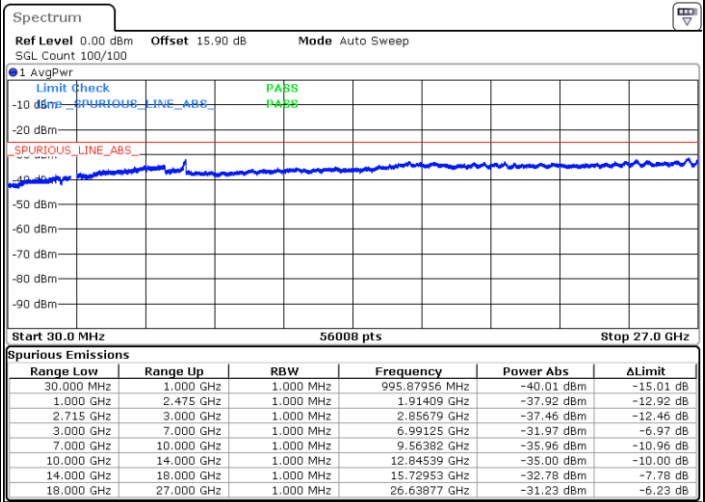
LTE Band 41 / 15MHz

Lowest Channel / QPSK



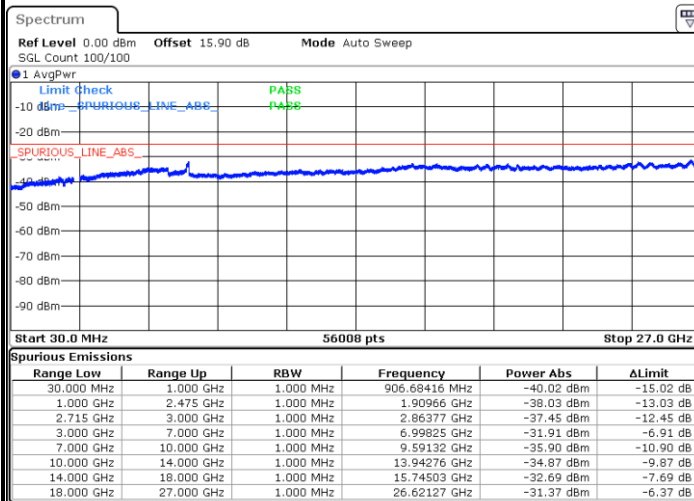
Date: 22.DEC.2019 23:27:00

Lowest Channel / 16QAM



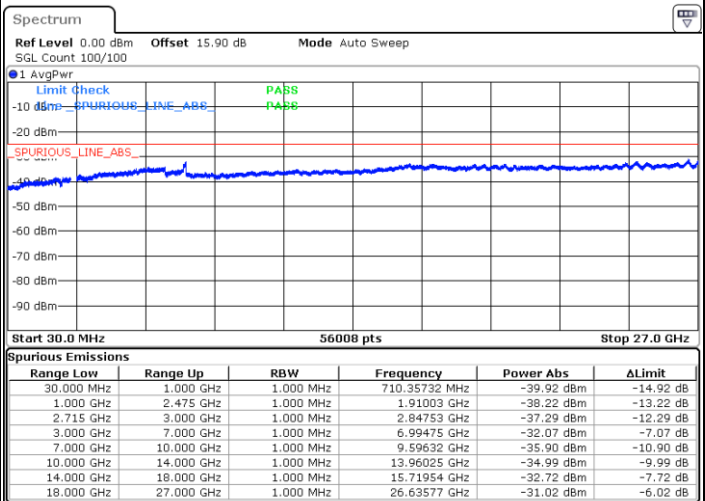
Date: 22.DEC.2019 23:27:54

Middle Channel / QPSK



Date: 22.DEC.2019 23:28:48

Middle Channel / 16QAM

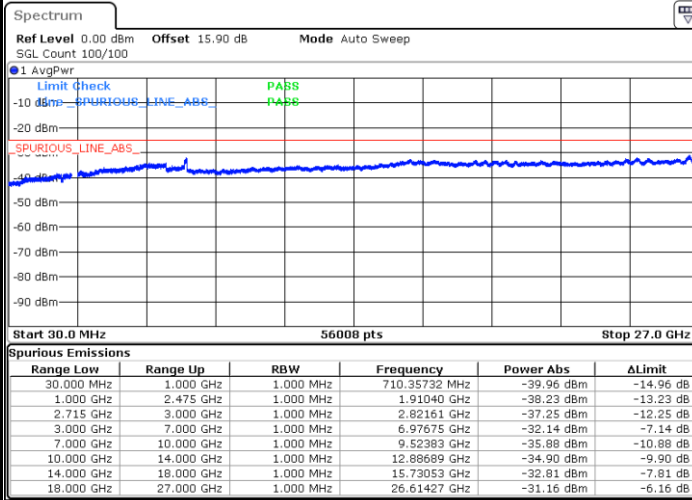


Date: 22.DEC.2019 23:29:41



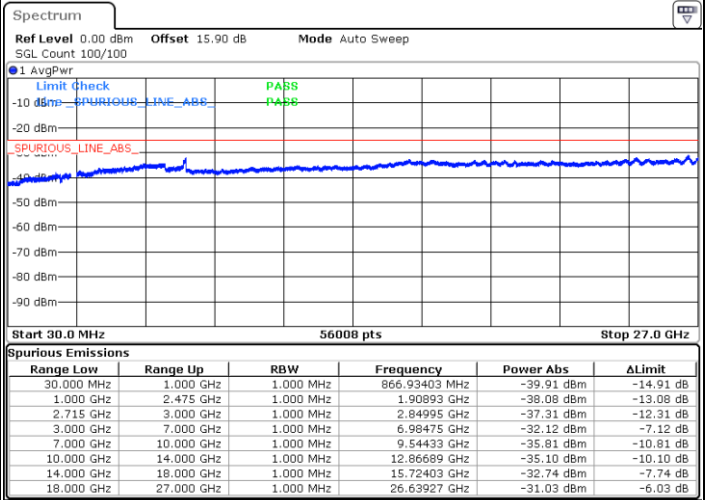
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 22.DEC.2019 23:30:35

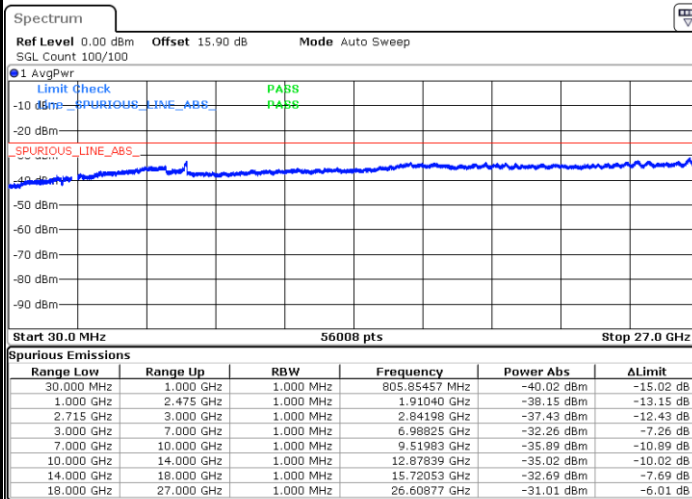
Highest Channel / 16QAM



Date: 22.DEC.2019 23:31:29

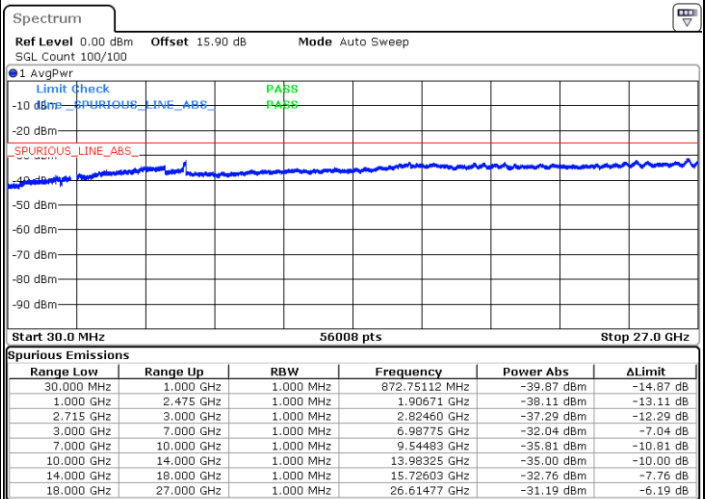
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 22.DEC.2019 23:37:46

Lowest Channel / 16QAM

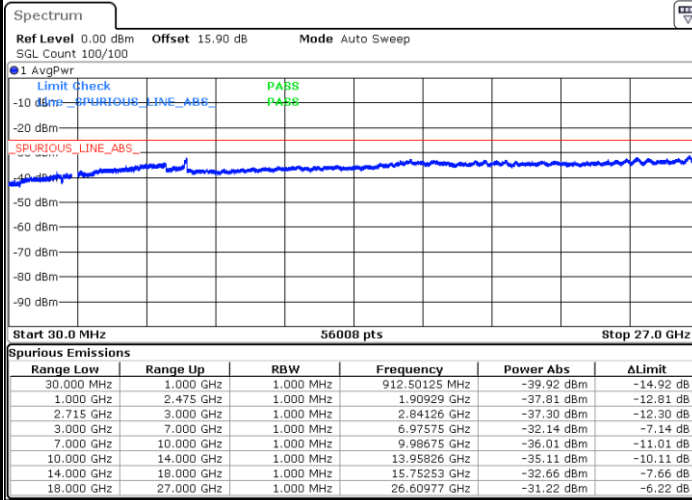


Date: 22.DEC.2019 23:38:40



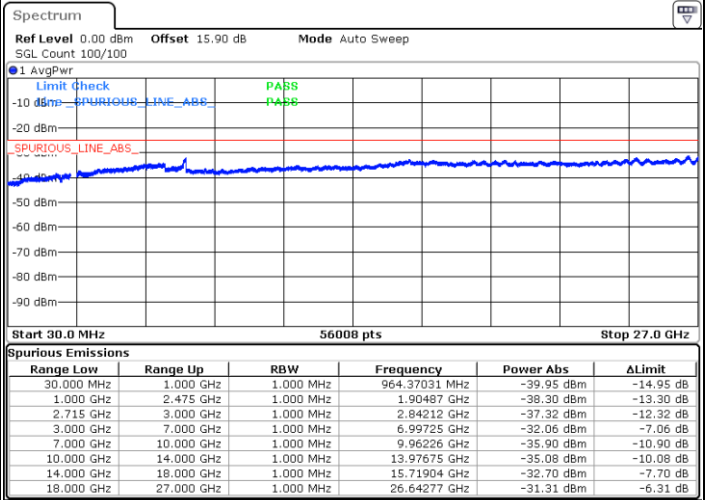
LTE Band 41 / 20MHz

Middle Channel / QPSK



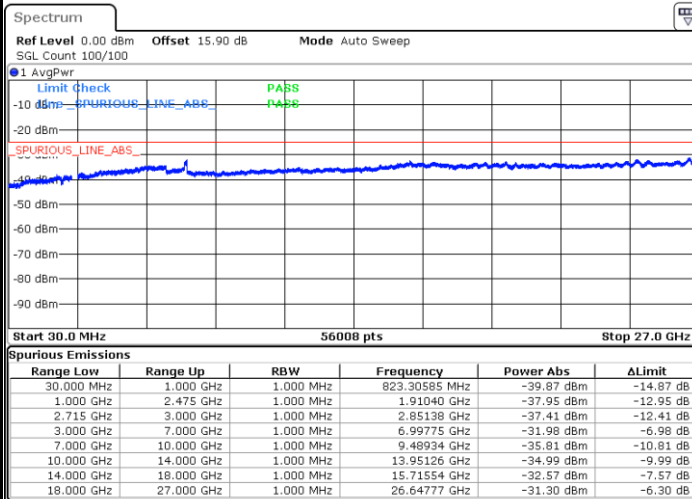
Date: 22.DEC.2019 23:39:34

Middle Channel / 16QAM



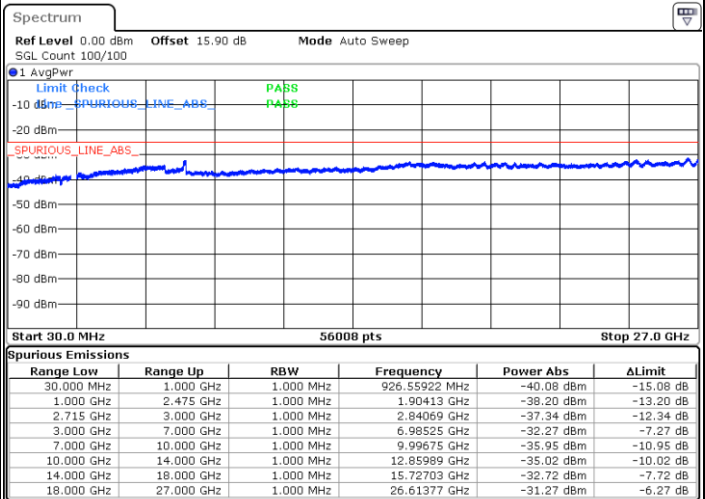
Date: 22.DEC.2019 23:40:27

Highest Channel / QPSK



Date: 22.DEC.2019 23:41:21

Highest Channel / 16QAM

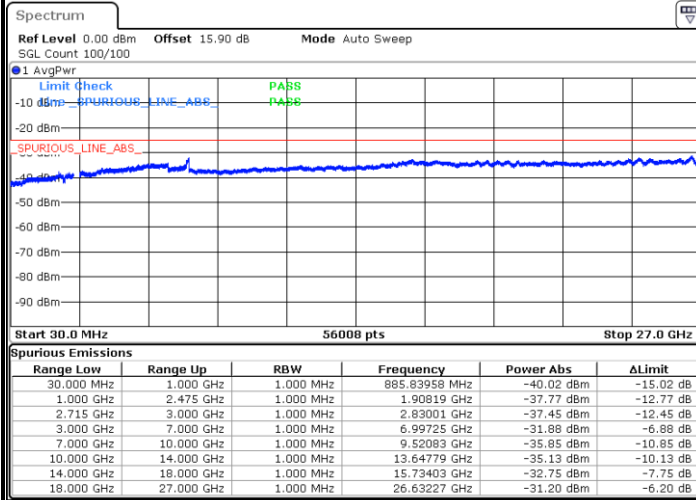


Date: 22.DEC.2019 23:42:15



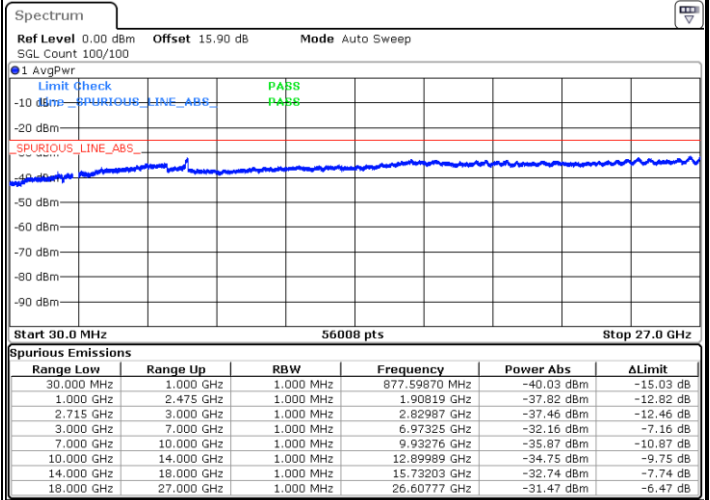
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



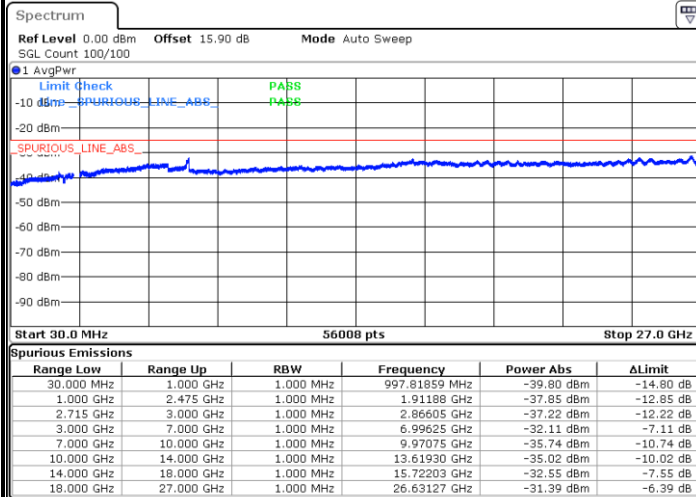
Date: 22.DEC.2019 23:08:16

Middle Channel / 64QAM



Date: 22.DEC.2019 23:09:10

Highest Channel / 64QAM

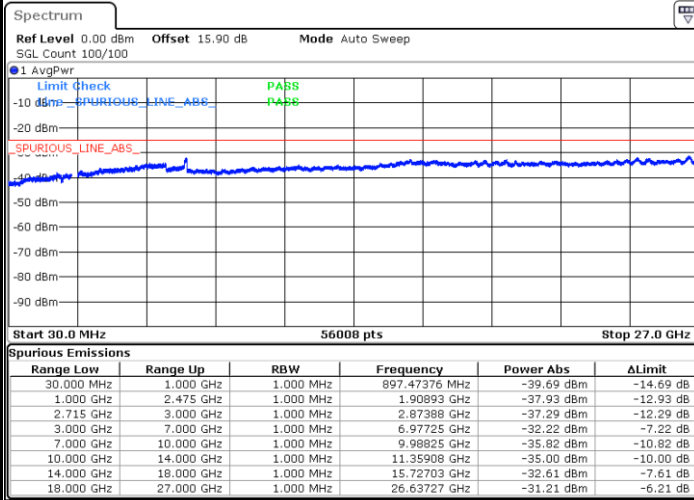


Date: 22.DEC.2019 23:10:04



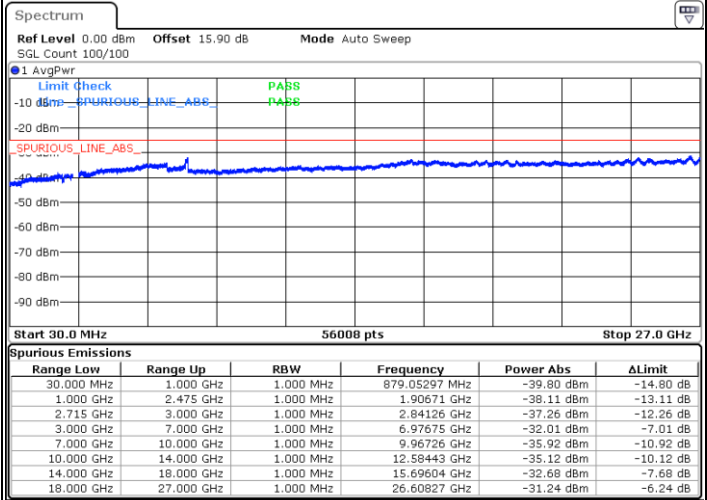
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



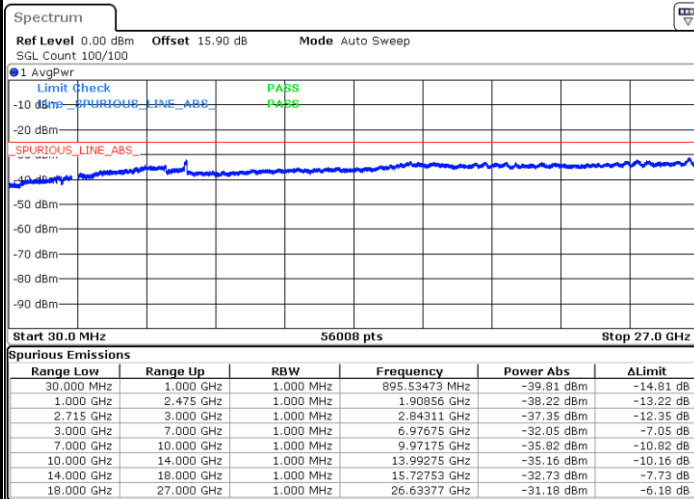
Date: 22.DEC.2019 23:18:55

Middle Channel / 64QAM



Date: 22.DEC.2019 23:19:48

Highest Channel / 64QAM

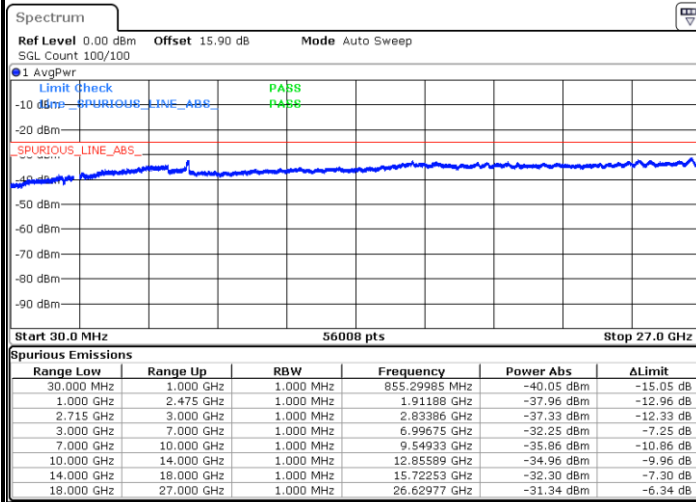


Date: 22.DEC.2019 23:20:42



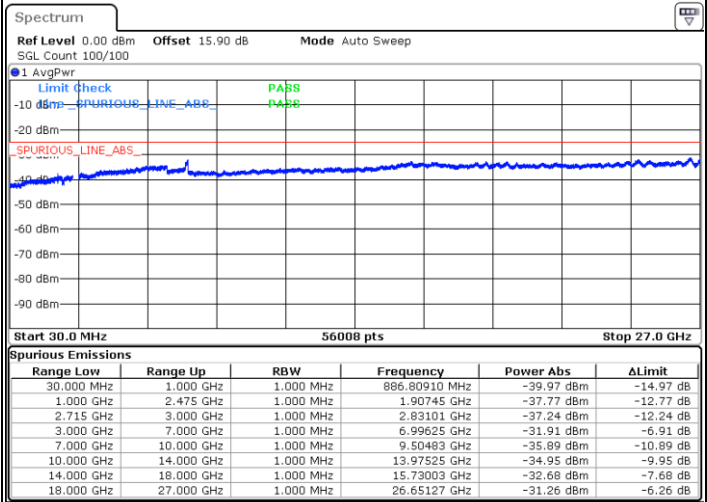
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



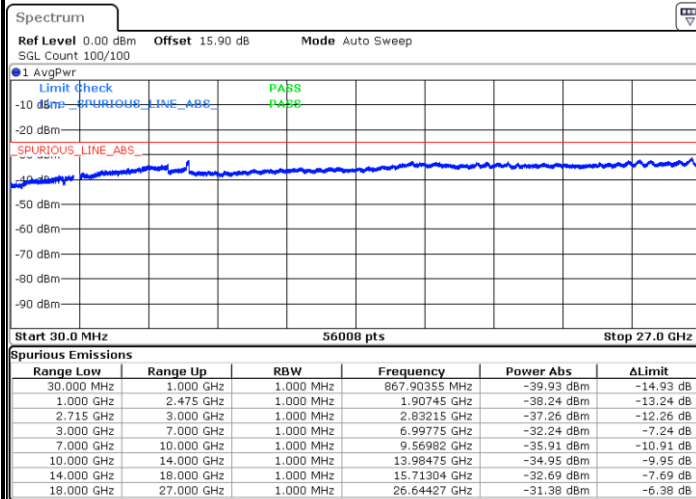
Date: 22.DEC.2019 23:32:23

Middle Channel / 64QAM



Date: 22.DEC.2019 23:33:16

Highest Channel / 64QAM

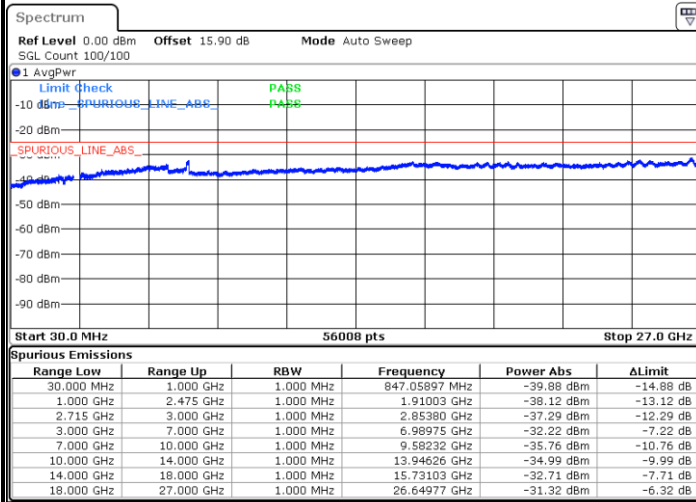


Date: 22.DEC.2019 23:34:10



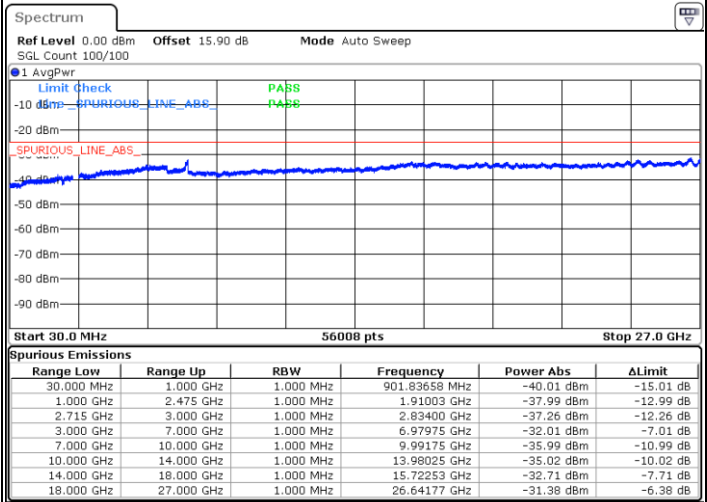
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



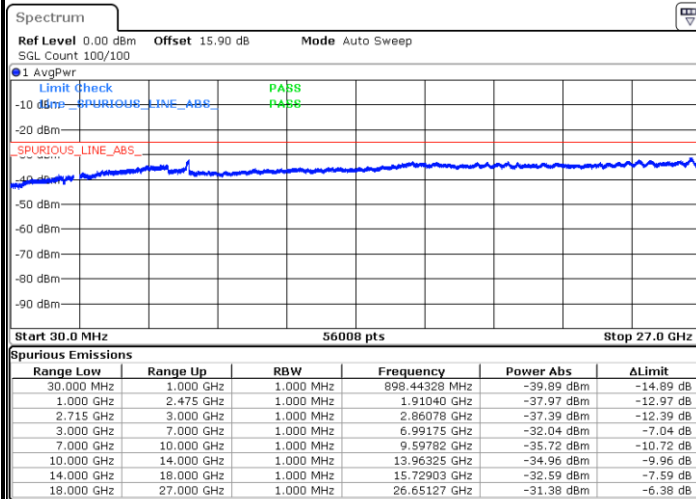
Date: 22.DEC.2019 23:35:04

Middle Channel / 64QAM



Date: 22.DEC.2019 23:35:58

Highest Channel / 64QAM



Date: 22.DEC.2019 23:36:52

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0051	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	25.13	29.97	25.23	30.51
Middle CH	24.73	25.13	29.91	25.33	30.51
Highest CH	24.63	24.93	29.79	25.03	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.98	30.03	34.90	39.72
Middle CH	34.83	24.83	29.85	34.97	39.72
Highest CH	34.90	24.88	29.97	34.76	39.64

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	25.18	29.85	25.38	30.51
Middle CH	24.68	25.03	29.79	24.93	30.51
Highest CH	24.48	25.03	29.79	25.13	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.98	30.03	34.83	39.8
Middle CH	34.83	24.78	30.03	34.90	40.04
Highest CH	34.90	24.83	29.97	34.90	39.48

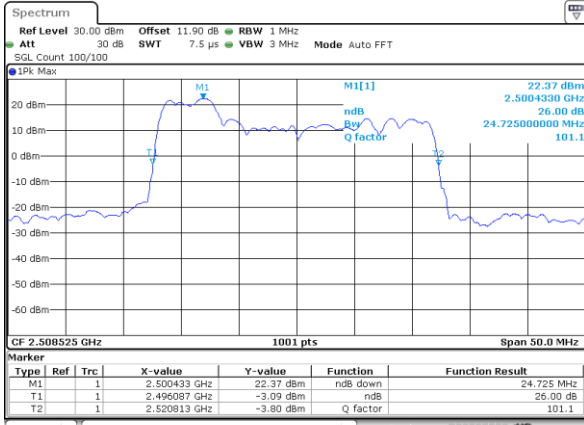
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.83	25.08	29.91	25.28	30.57
Middle CH	24.73	24.98	29.85	24.98	30.45
Highest CH	24.53	25.13	29.85	25.33	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	25.03	29.97	34.69	39.88
Middle CH	34.69	24.93	30.15	34.76	39.80
Highest CH	34.69	24.93	29.91	34.83	39.64



LTE Band 41C

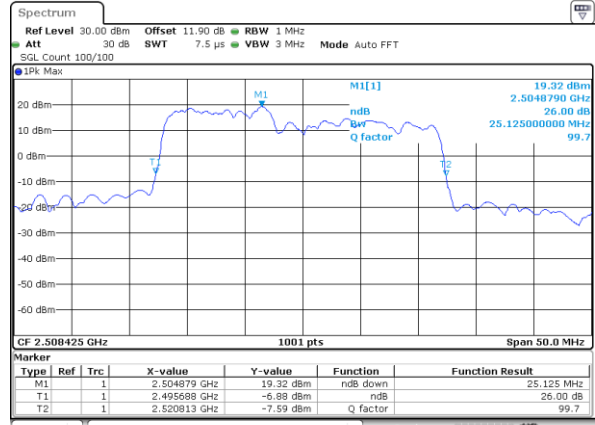
QPSK

Lowest Channel / 5MHz+20MHz



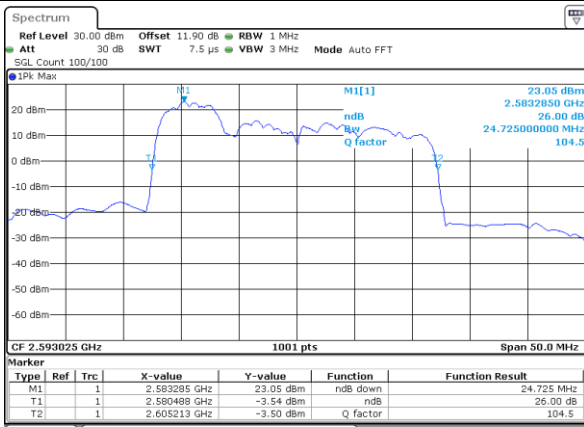
Date: 22.DEC.2019 23:55:46

Lowest Channel / 10MHz+15MHz



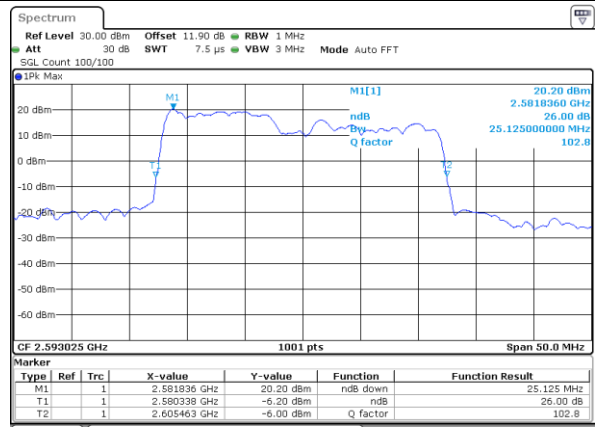
Date: 29.DEC.2019 15:35:22

Middle Channel / 5MHz+20MHz



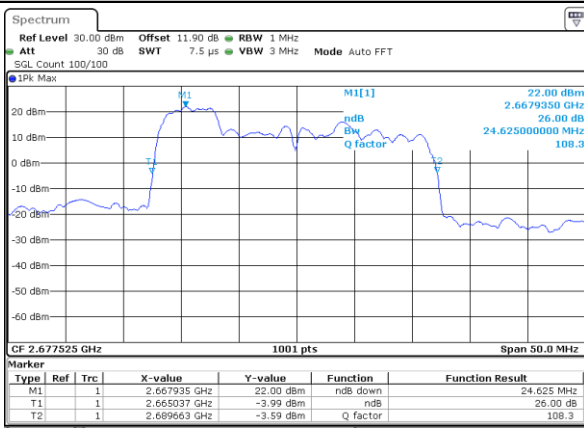
Date: 23.DEC.2019 01:01:09

Middle Channel / 10MHz+15MHz



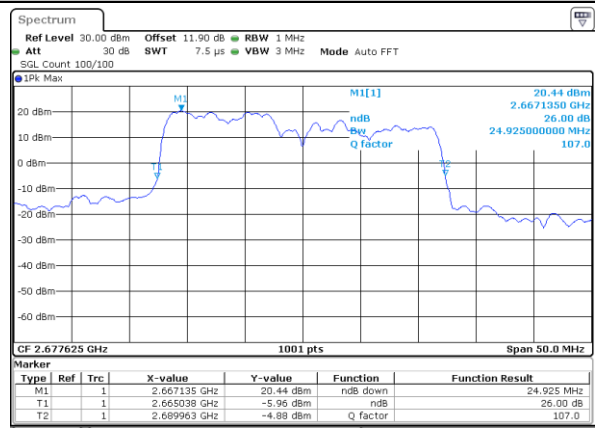
Date: 29.DEC.2019 16:34:51

Highest Channel / 5MHz+20MHz



Date: 23.DEC.2019 00:56:33

Highest Channel / 10MHz+15MHz



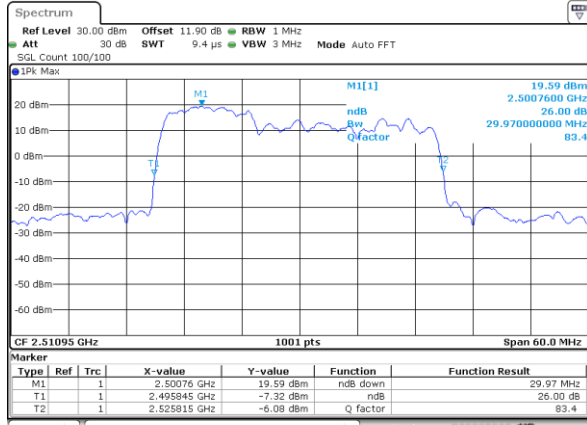
Date: 29.DEC.2019 16:39:39



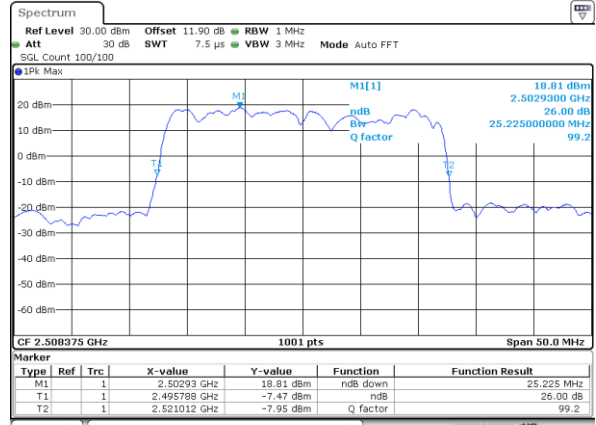
LTE Band 41C

QPSK

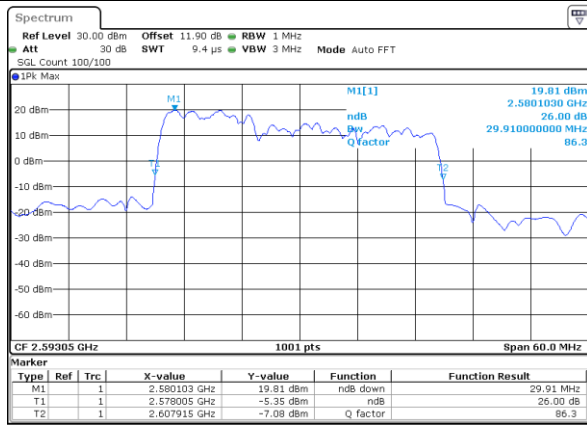
Lowest Channel / 10MHz+20MHz



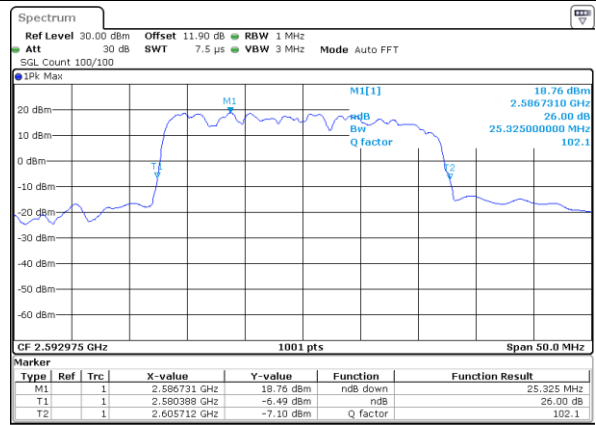
Lowest Channel / 15MHz+10MHz



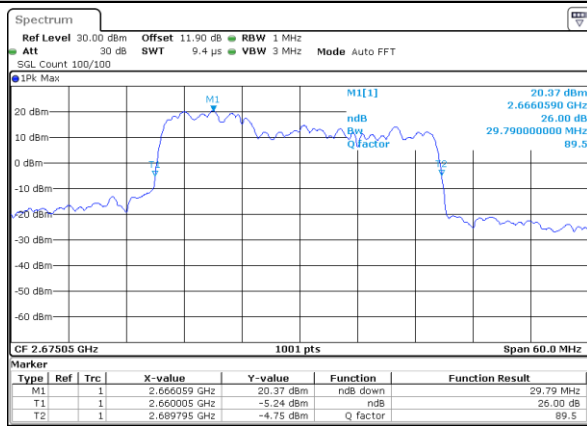
Middle Channel / 10MHz+20MHz



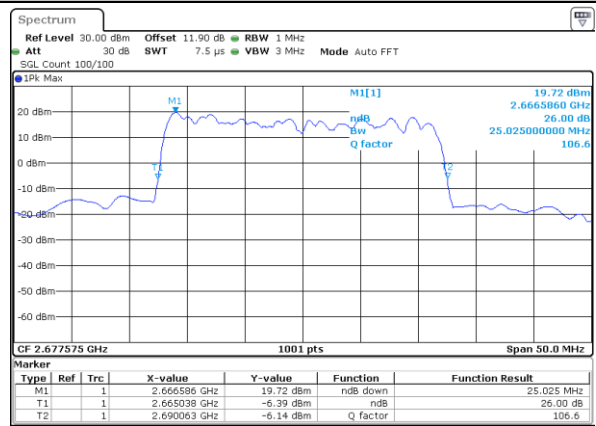
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



Highest Channel / 15MHz+10MHz

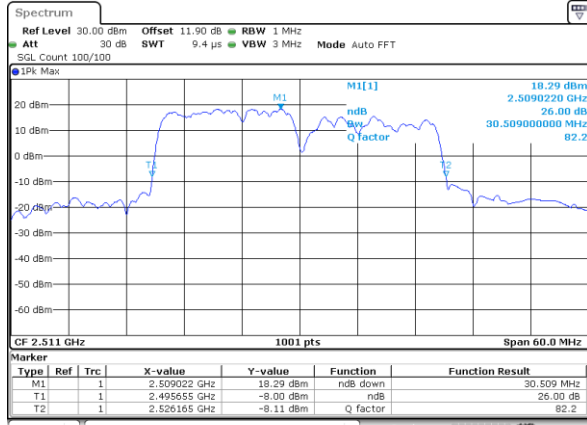




LTE Band 41C

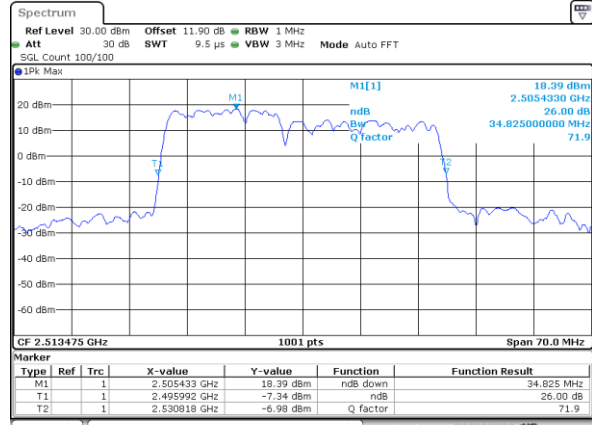
QPSK

Lowest Channel / 15MHz+15MHz



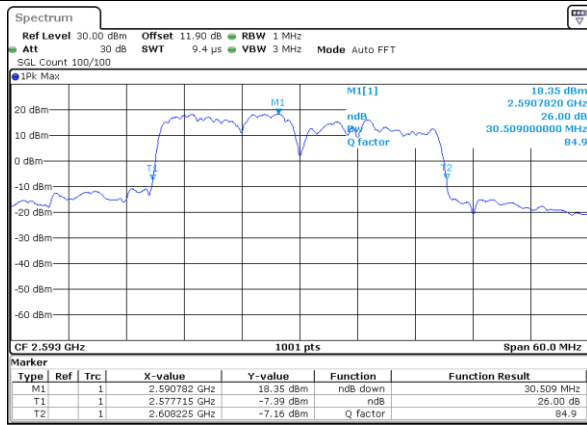
Date: 29,DEC,2019 23:49:17

Lowest Channel / 15MHz+20MHz



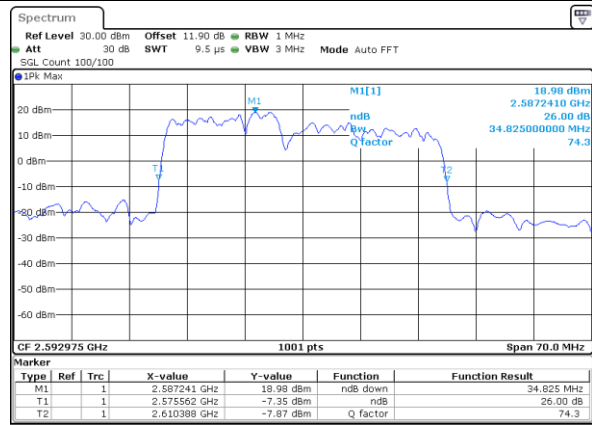
Date: 30,DEC,2019 00:15:20

Middle Channel / 15MHz+15MHz



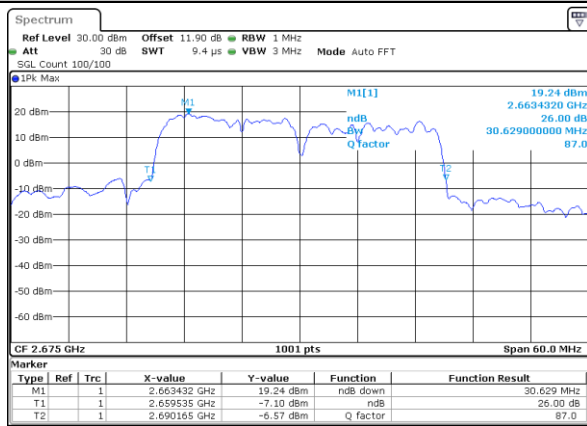
Date: 29,DEC,2019 23:53:11

Middle Channel / 15MHz+20MHz



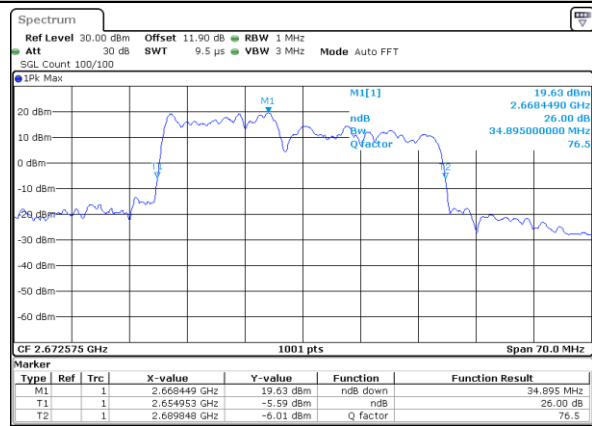
Date: 30,DEC,2019 01:33:21

Highest Channel / 15MHz+15MHz



Date: 30,DEC,2019 00:52:49

Highest Channel / 15MHz+20MHz



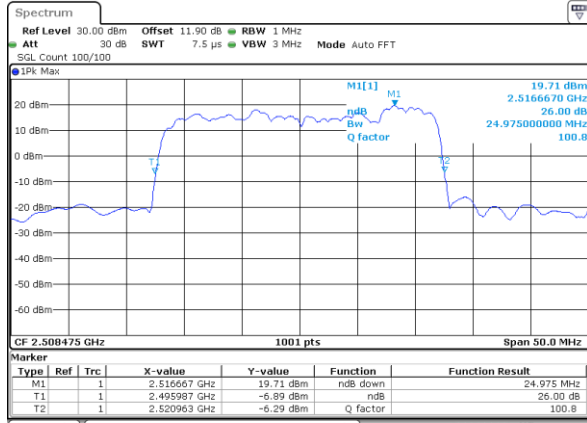
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LTE Band 41C

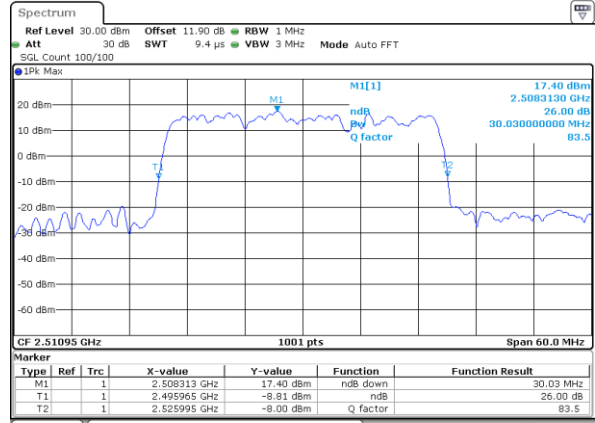
QPSK

Lowest Channel / 20MHz+5MHz



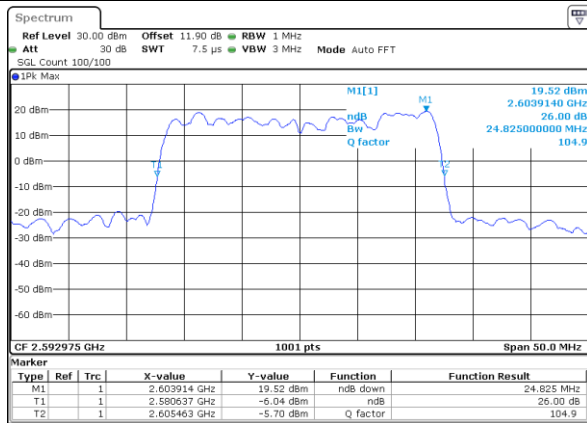
Date: 23.DEC.2019 01:05:13

Lowest Channel / 20MHz+10MHz



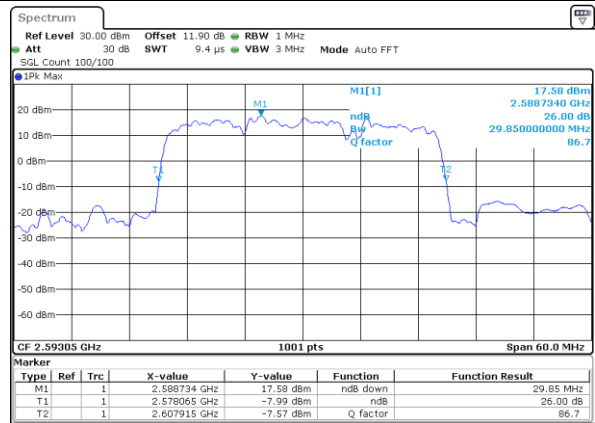
Date: 29.DEC.2019 20:13:54

Middle Channel / 20MHz+5MHz



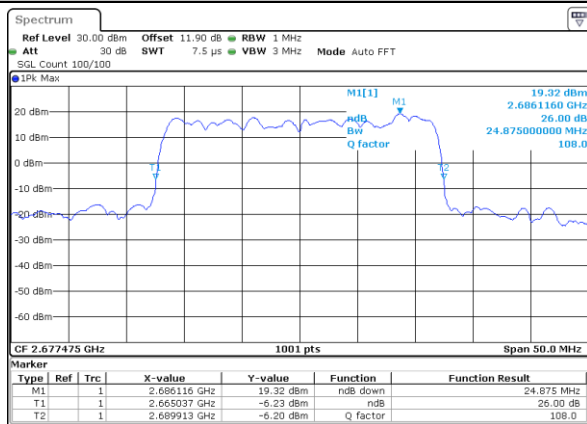
Date: 23.DEC.2019 01:44:36

Middle Channel / 20MHz+10MHz



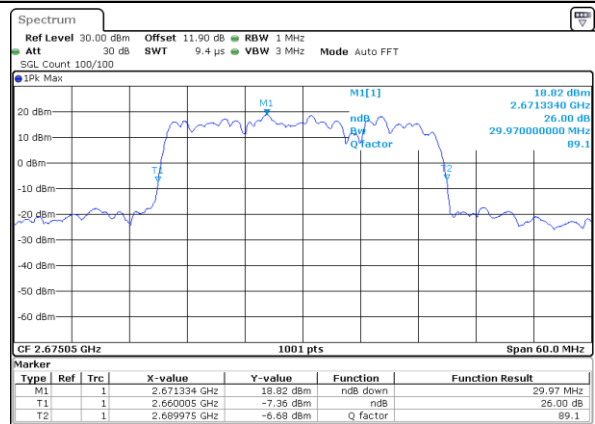
Date: 29.DEC.2019 22:10:06

Highest Channel / 20MHz+5MHz



Date: 23.DEC.2019 01:49:17

Highest Channel / 20MHz+10MHz



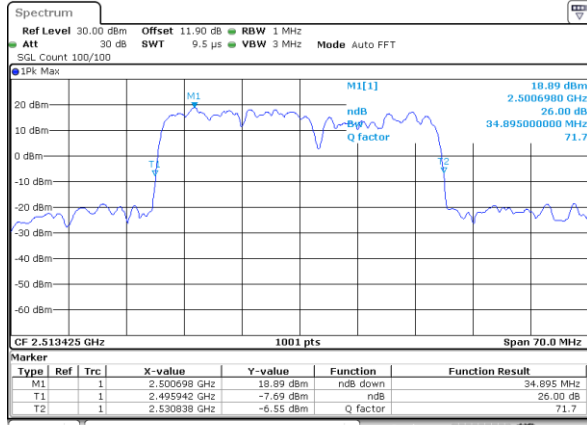
Date: 29.DEC.2019 22:10:42



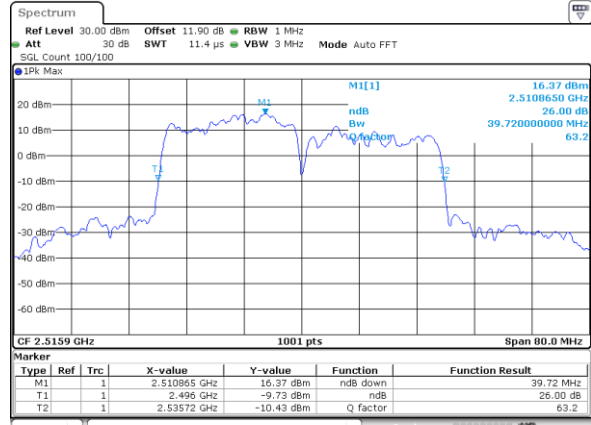
LTE Band 41C

QPSK

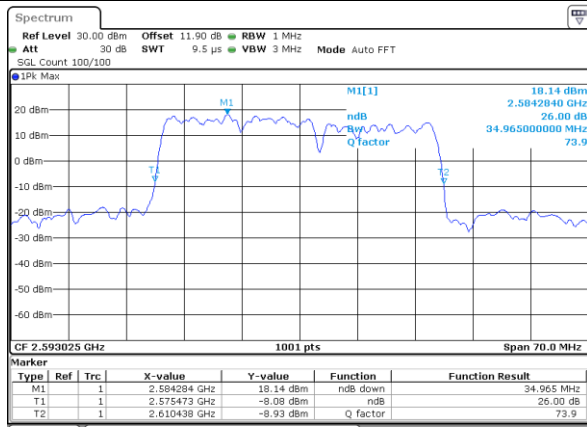
Lowest Channel / 20MHz+15MHz



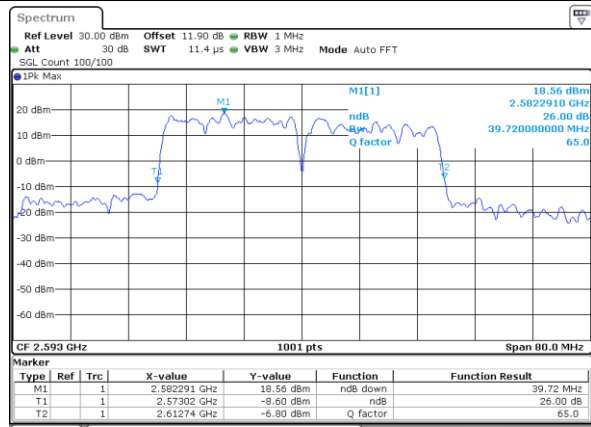
Lowest Channel / 20MHz+20MHz



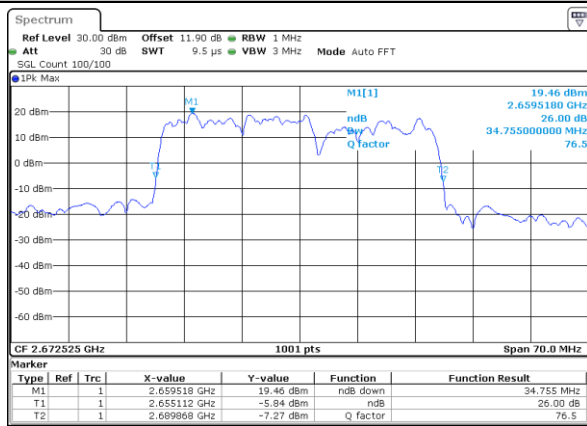
Middle Channel / 20MHz+15MHz



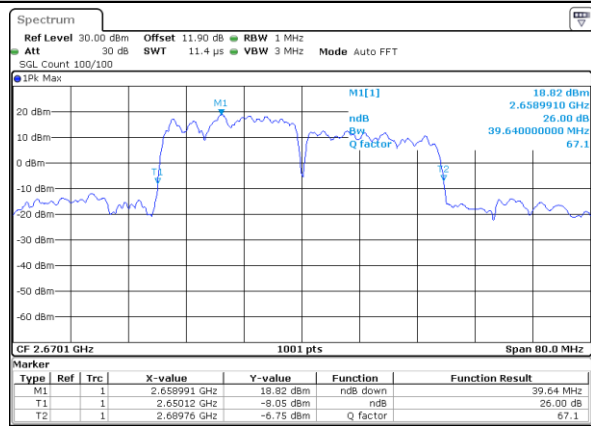
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz

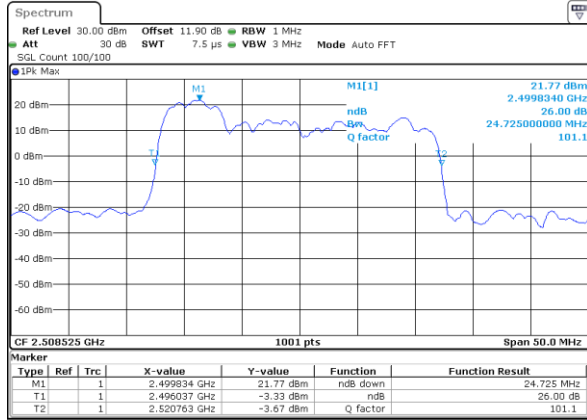




LTE Band 41C

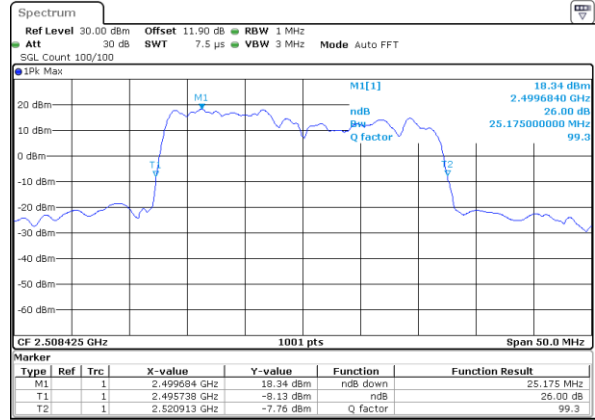
16QAM

Lowest Channel / 5MHz+20MHz



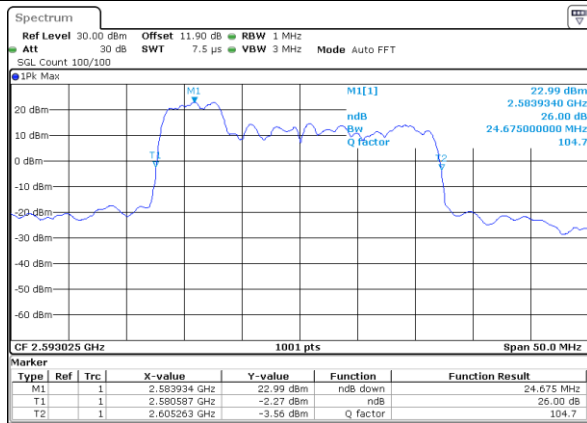
Date: 22.DEC.2019 23:55:22

Lowest Channel / 10MHz+15MHz



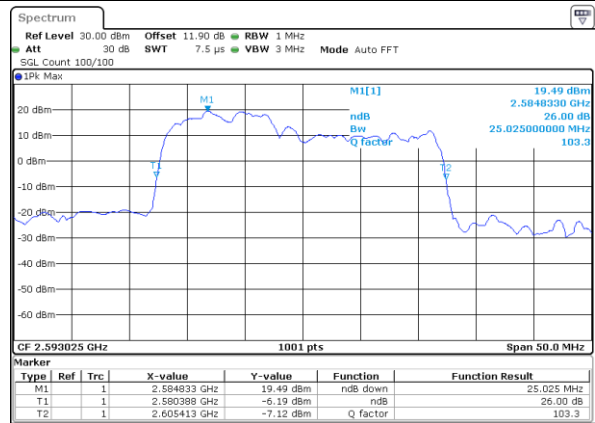
Date: 29.DEC.2019 15:32:36

Middle Channel / 5MHz+20MHz



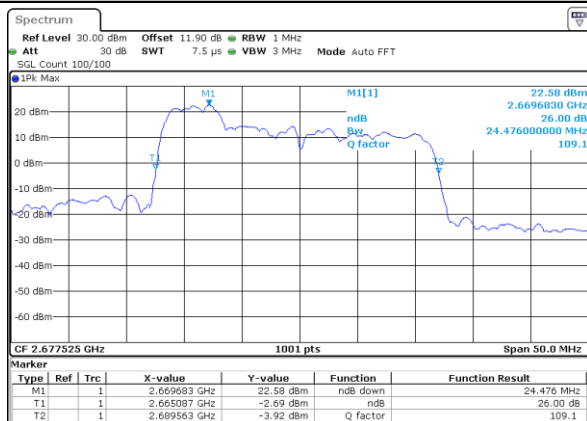
Date: 23.DEC.2019 01:00:45

Middle Channel / 10MHz+15MHz



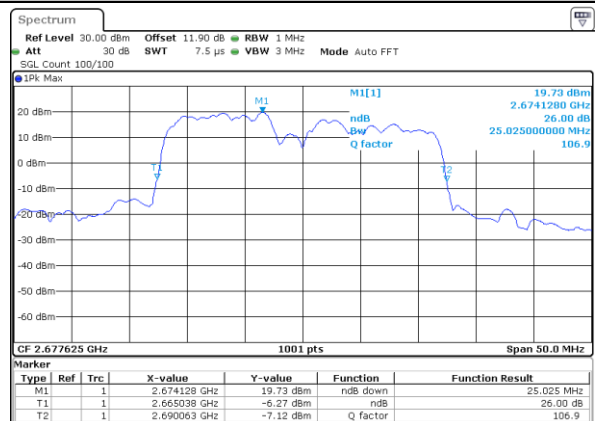
Date: 29.DEC.2019 16:34:26

Highest Channel / 5MHz+20MHz



Date: 23.DEC.2019 00:56:57

Highest Channel / 10MHz+15MHz



Date: 29.DEC.2019 16:40:04