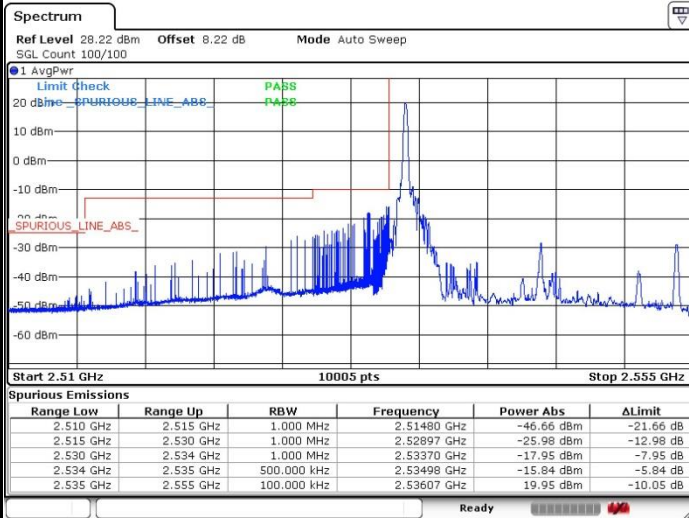




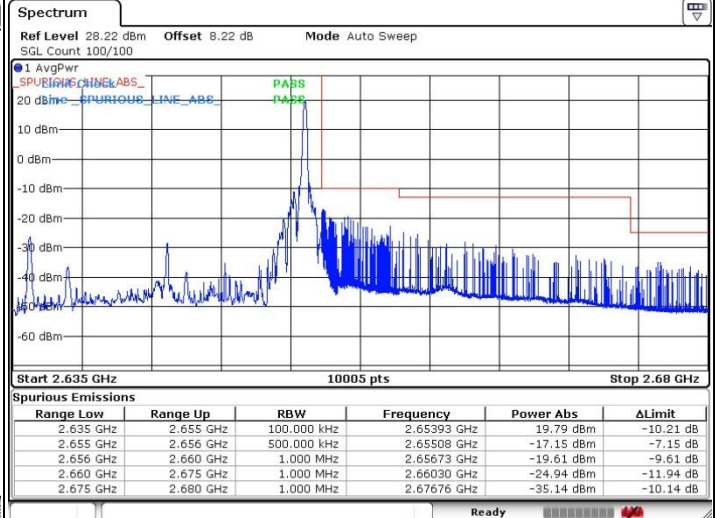
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



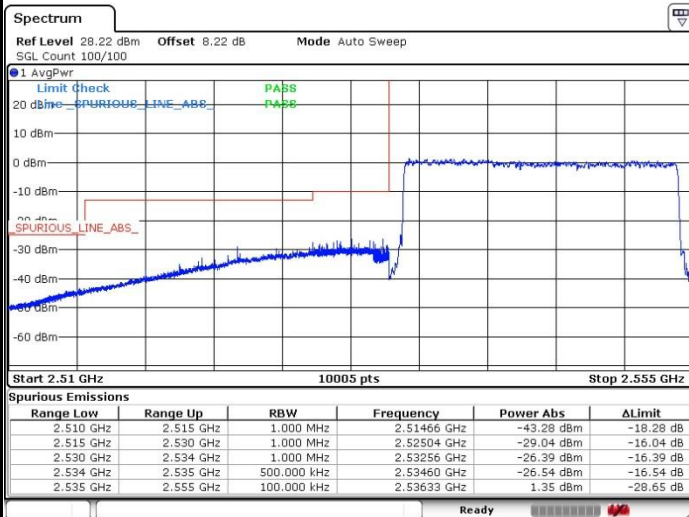
Date: 23 MAR 2020 21:20:52

Highest Band Edge / 1 RB



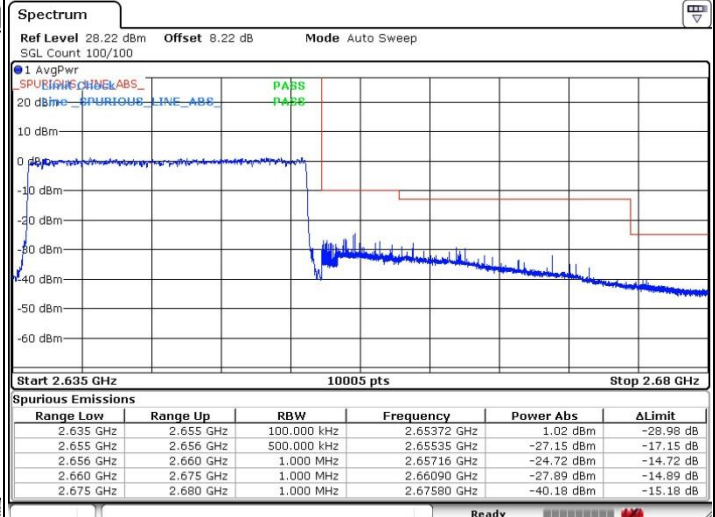
Date: 23 MAR 2020 21:31:33

Lowest Band Edge / Full RB



Date: 23 MAR 2020 21:18:48

Highest Band Edge / Full RB



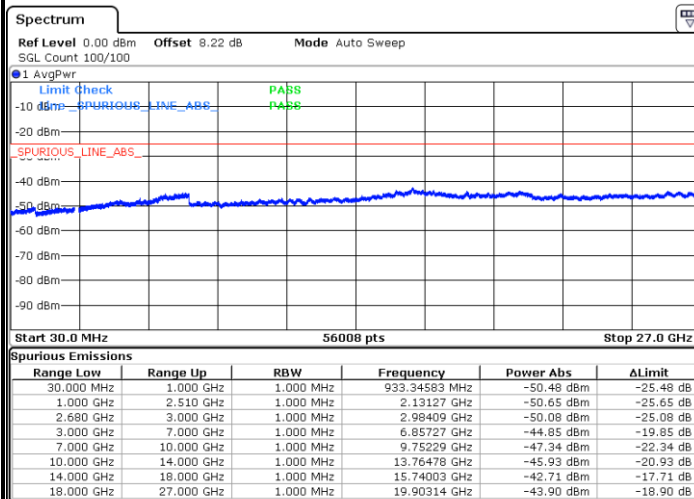
Date: 23 MAR 2020 21:33:53



Conducted Spurious Emission

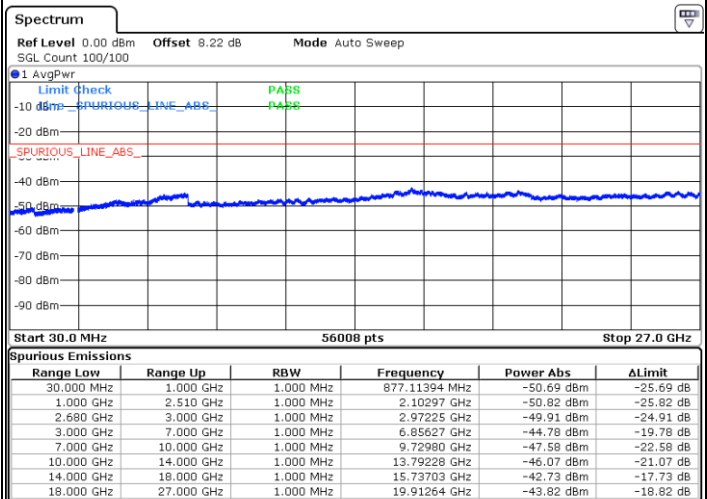
LTE Band 41 / 5MHz

Lowest Channel / QPSK



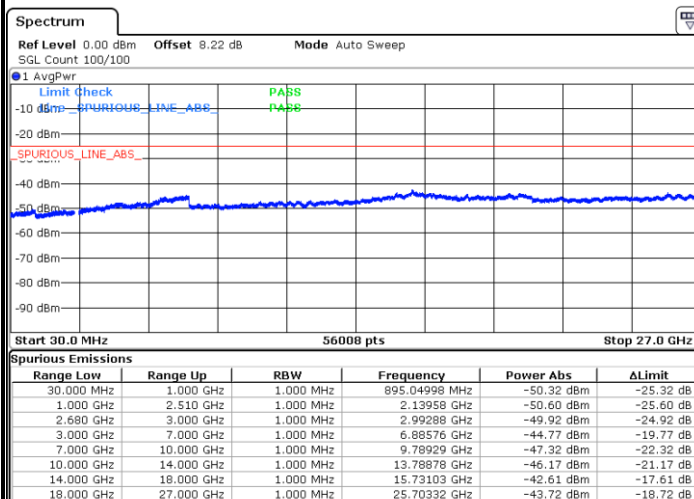
Date: 23 MAR 2020 20:13:48

Lowest Channel / 16QAM



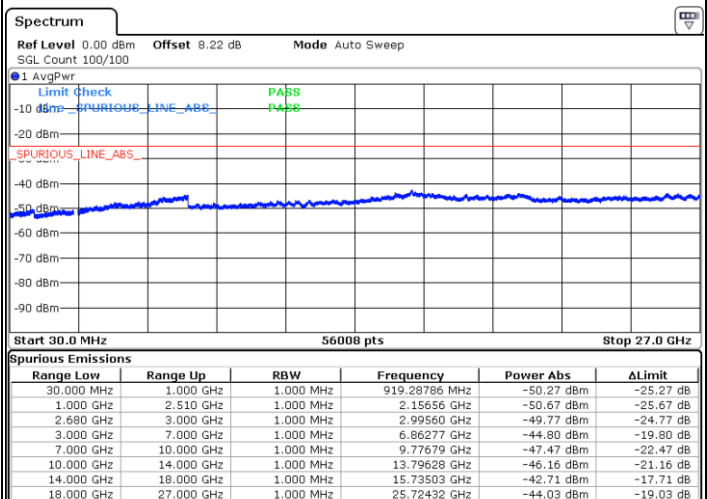
Date: 23 MAR 2020 20:11:50

Middle Channel / QPSK



Date: 23 MAR 2020 20:03:36

Middle Channel / 16QAM

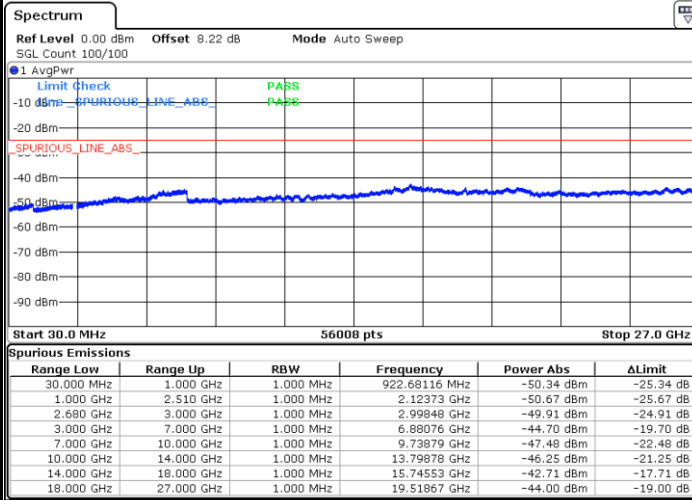


Date: 23 MAR 2020 20:05:10



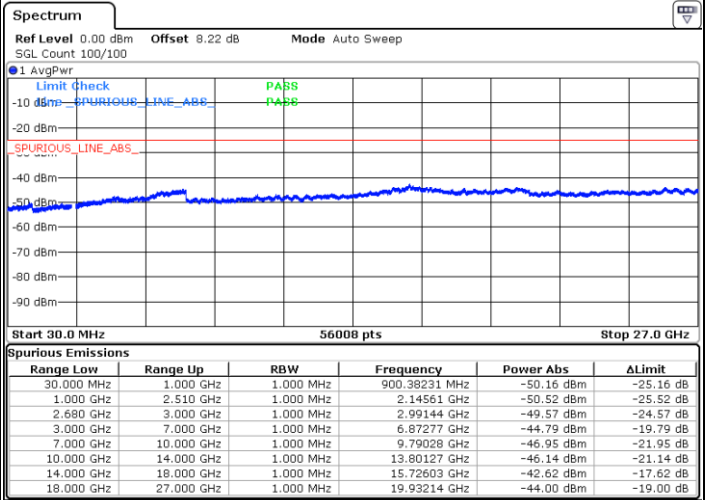
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 23 MAR 2020 20:16:02

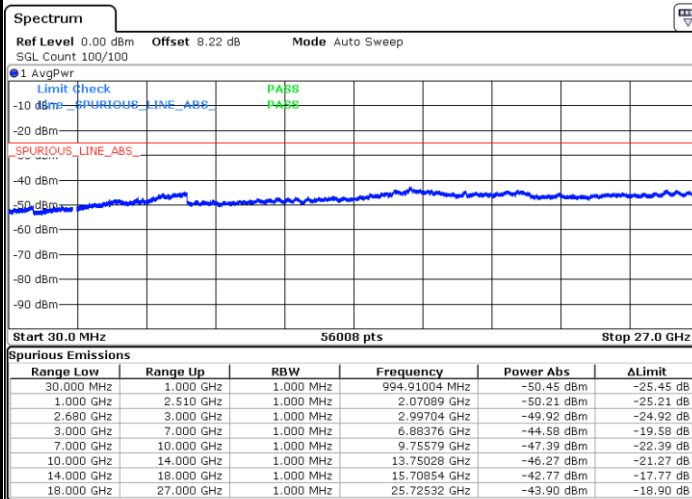
Highest Channel / 16QAM



Date: 23 MAR 2020 20:17:46

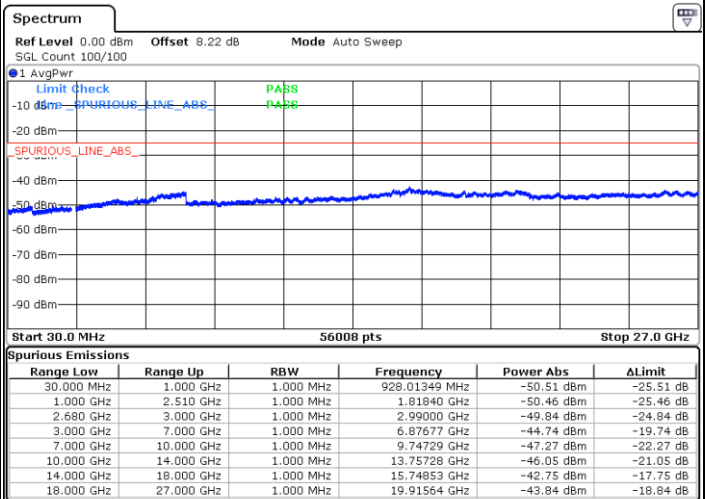
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 23 MAR 2020 19:59:15

Lowest Channel / 16QAM

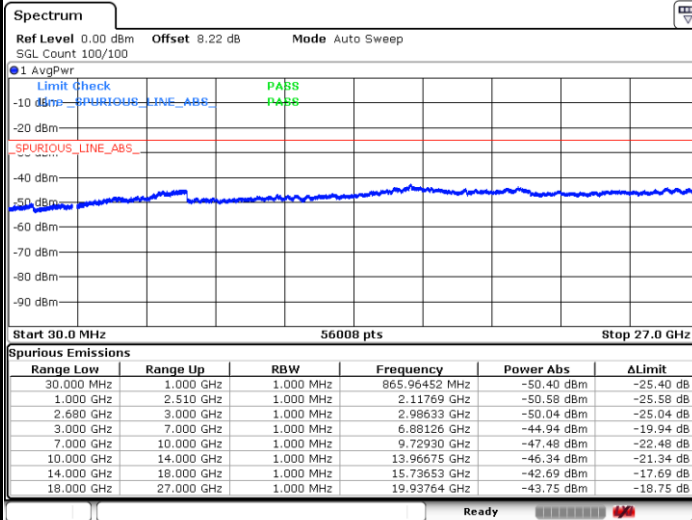


Date: 23 MAR 2020 19:56:55



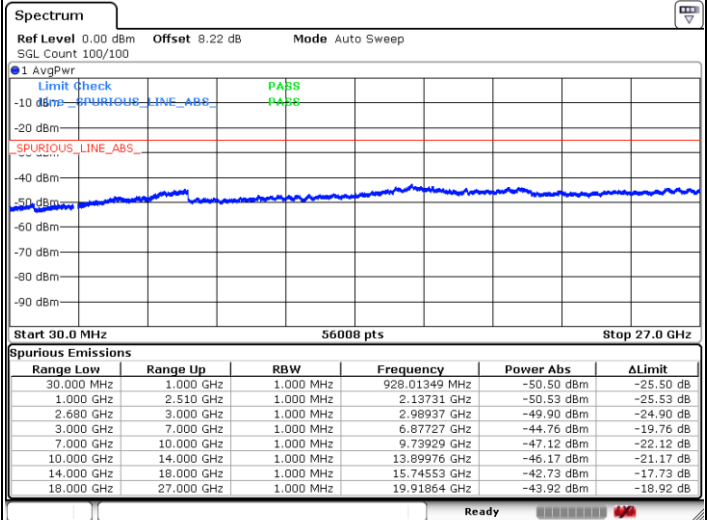
LTE Band 41 / 10MHz

Middle Channel / QPSK



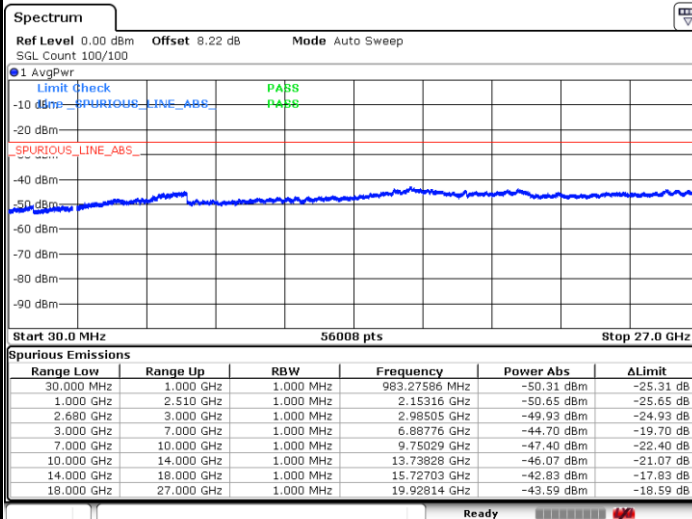
Date: 23 MAR 2020 19:44:54

Middle Channel / 16QAM



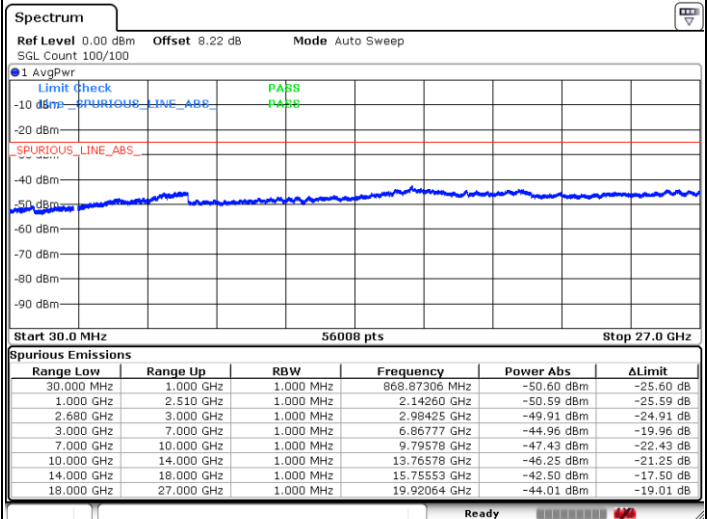
Date: 23 MAR 2020 19:43:28

Highest Channel / QPSK



Date: 23 MAR 2020 19:47:08

Highest Channel / 16QAM

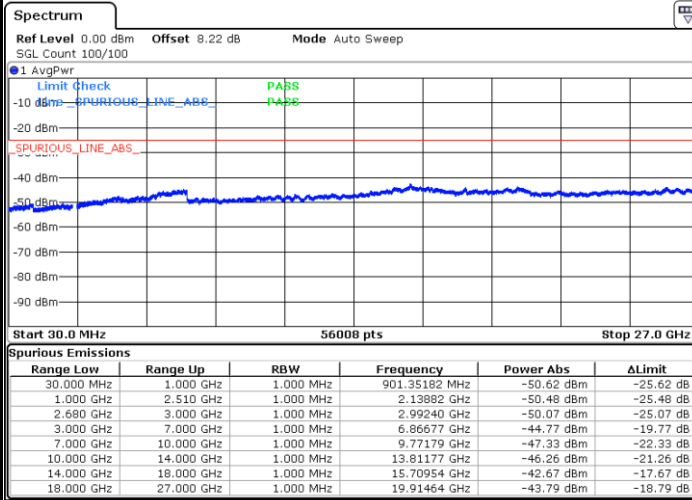


Date: 23 MAR 2020 19:48:55



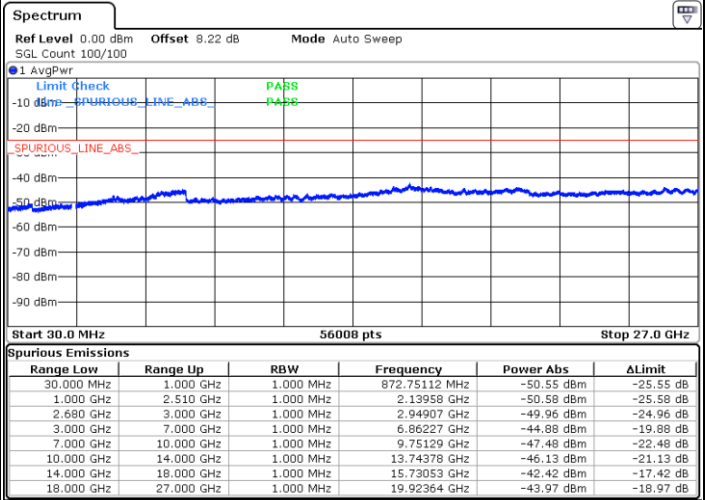
LTE Band 41 / 15MHz

Lowest Channel / QPSK



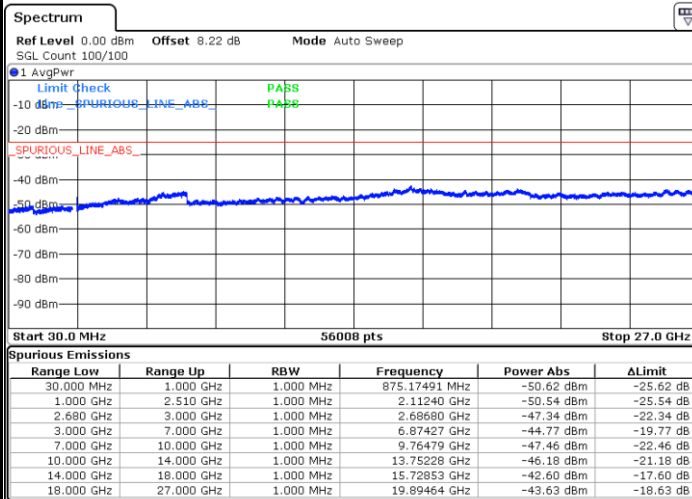
Date: 23 MAR 2020 19:33:44

Lowest Channel / 16QAM



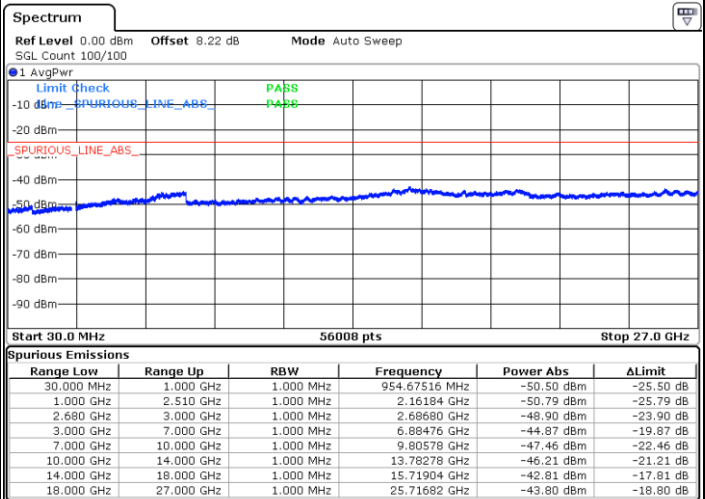
Date: 23 MAR 2020 19:36:47

Middle Channel / QPSK



Date: 23 MAR 2020 19:22:19

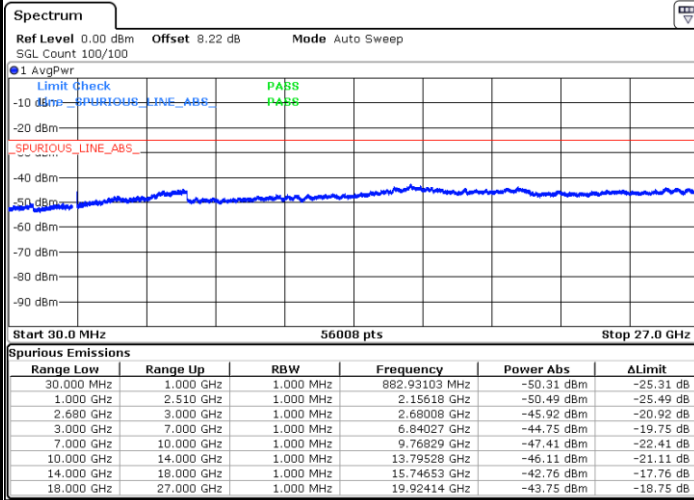
Middle Channel / 16QAM



Date: 23 MAR 2020 19:24:06

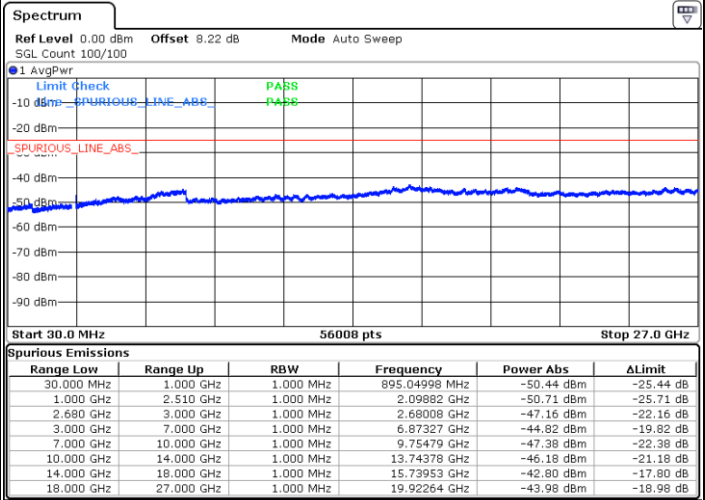


Highest Channel / QPSK



Date: 23 MAR 2020 19:31:17

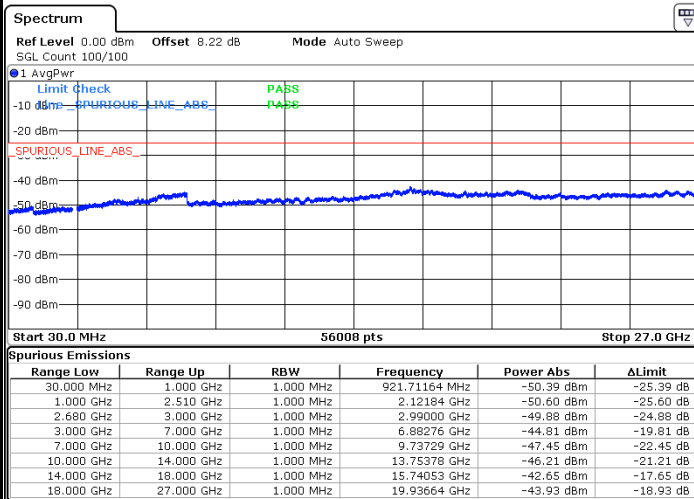
Highest Channel / 16QAM



Date: 23 MAR 2020 19:29:20

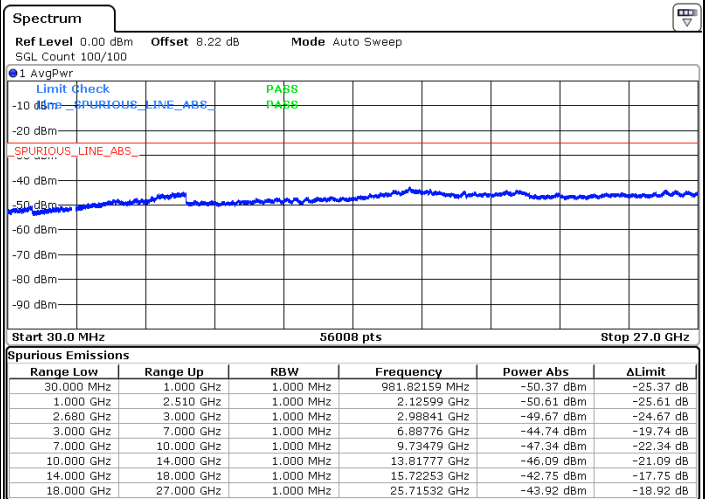
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 23 MAR 2020 19:17:47

Lowest Channel / 16QAM

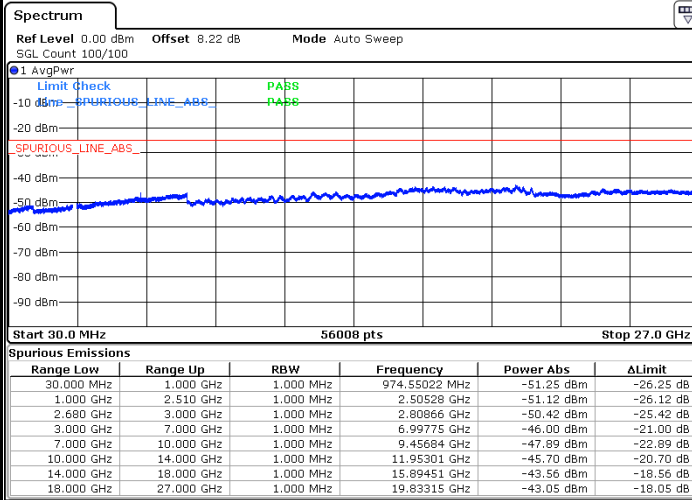


Date: 23 MAR 2020 19:16:17



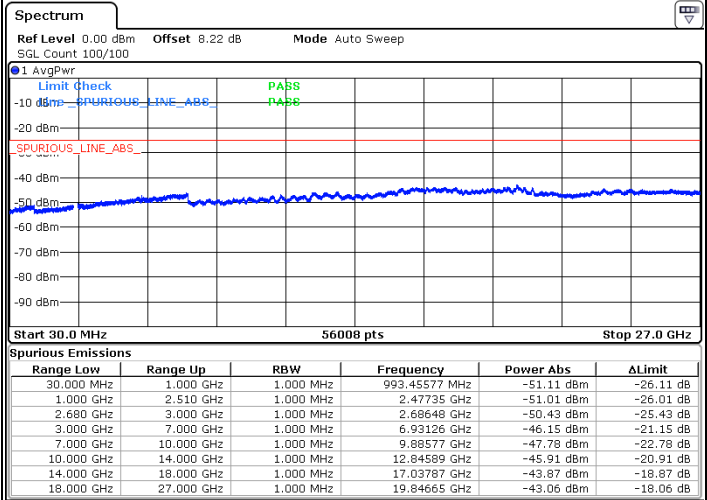
LTE Band 41 / 20MHz

Middle Channel / QPSK



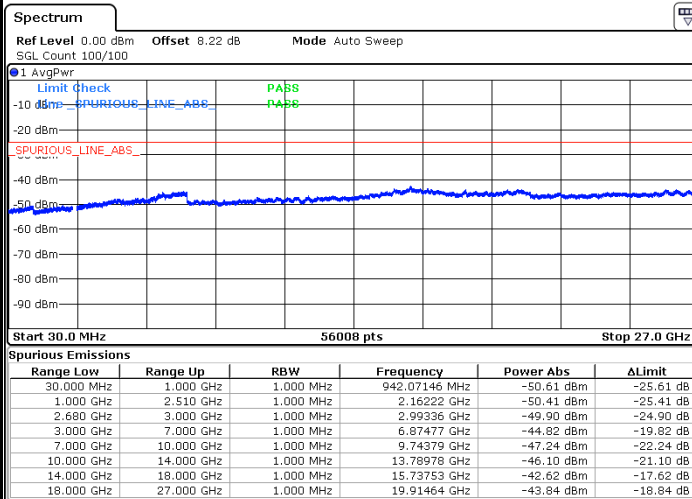
Date: 22 MAR 2020 09:09:58

Middle Channel / 16QAM



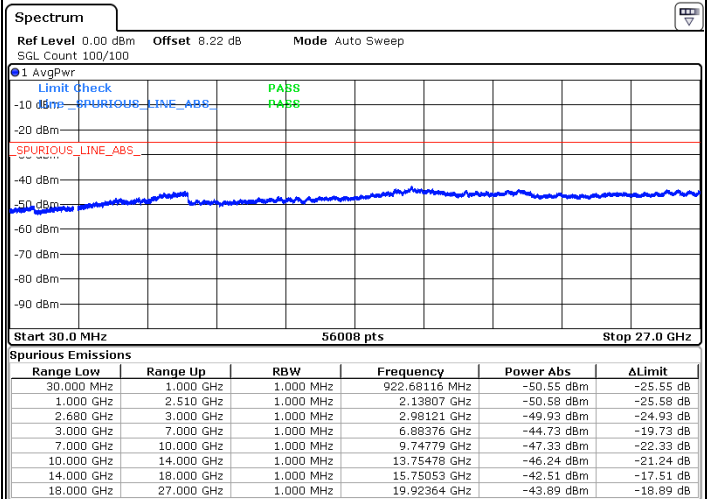
Date: 22 MAR 2020 09:11:35

Highest Channel / QPSK



Date: 23 MAR 2020 19:09:23

Highest Channel / 16QAM



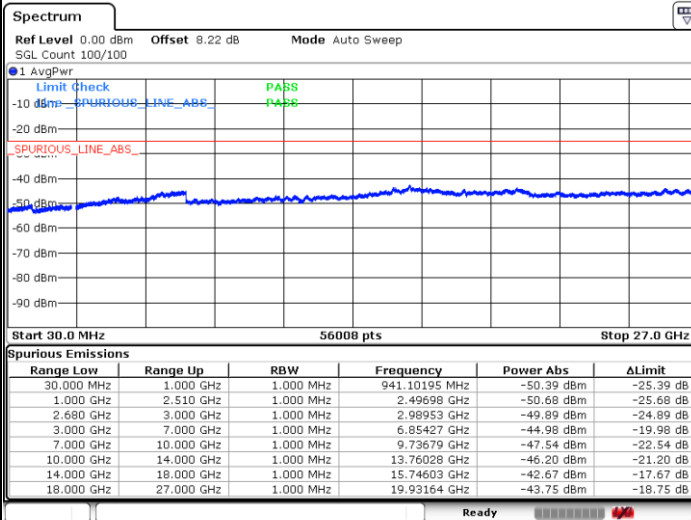
Date: 23 MAR 2020 19:10:56



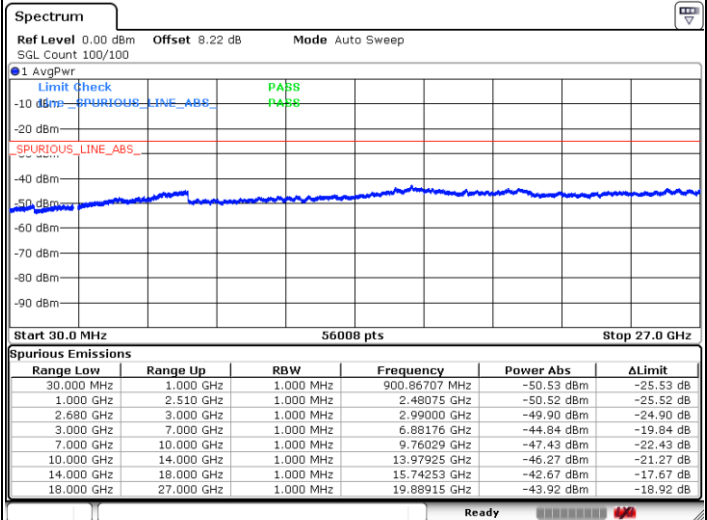
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

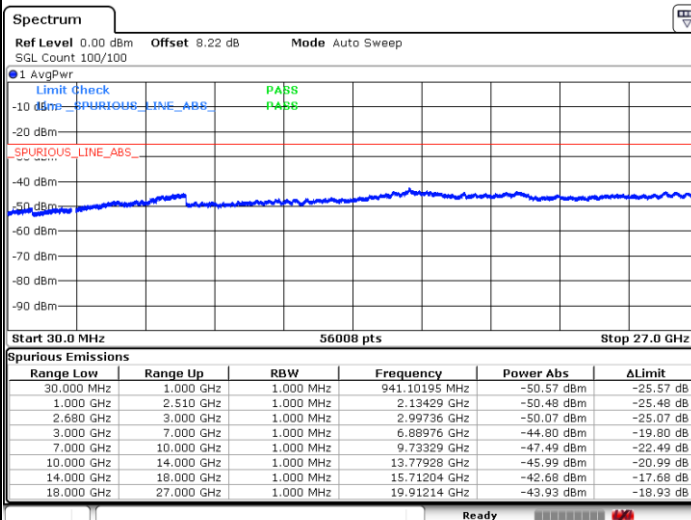


Date: 23 MAR 2020 20:10:02



Date: 23 MAR 2020 20:07:12

Highest Channel / 64QAM

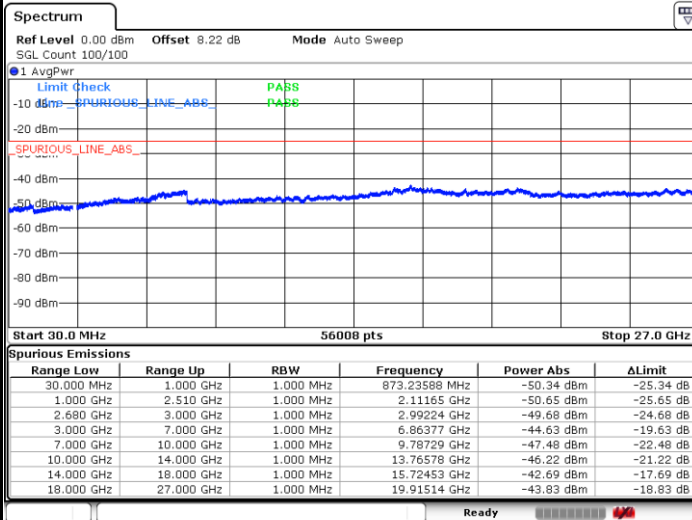


Date: 23 MAR 2020 20:19:37



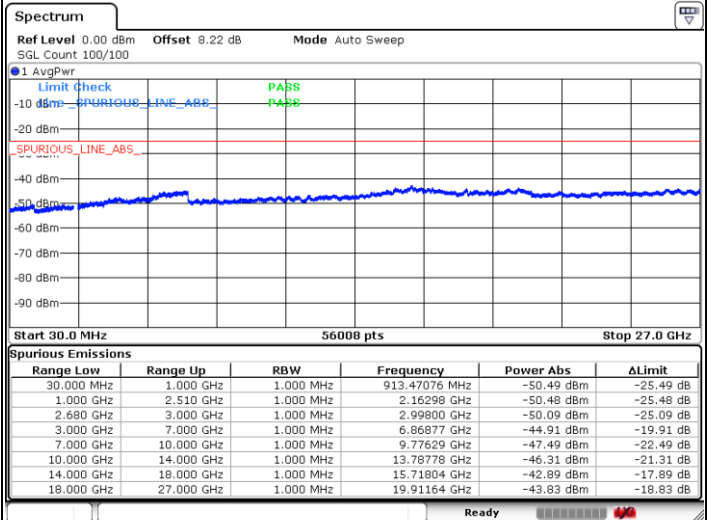
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



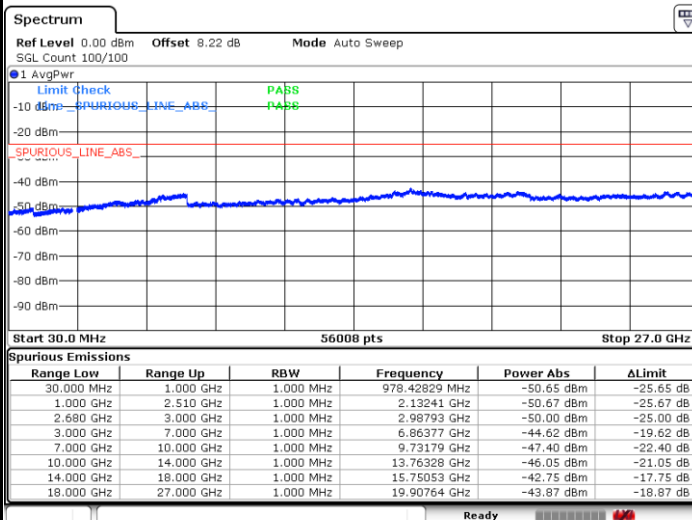
Date: 23 MAR 2020 19:55:02

Middle Channel / 64QAM



Date: 23 MAR 2020 19:41:39

Highest Channel / 64QAM



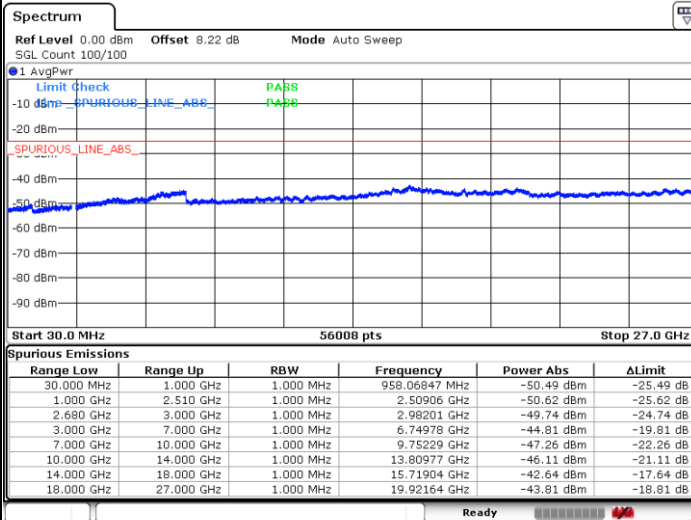
Date: 23 MAR 2020 19:50:31



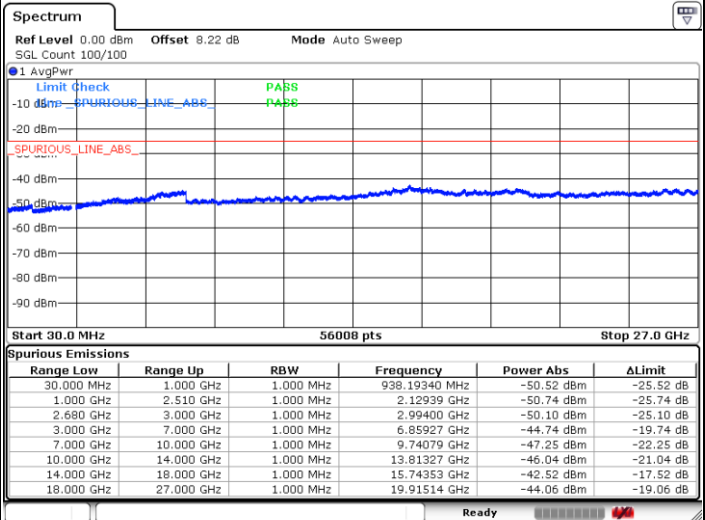
LTE Band 41 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

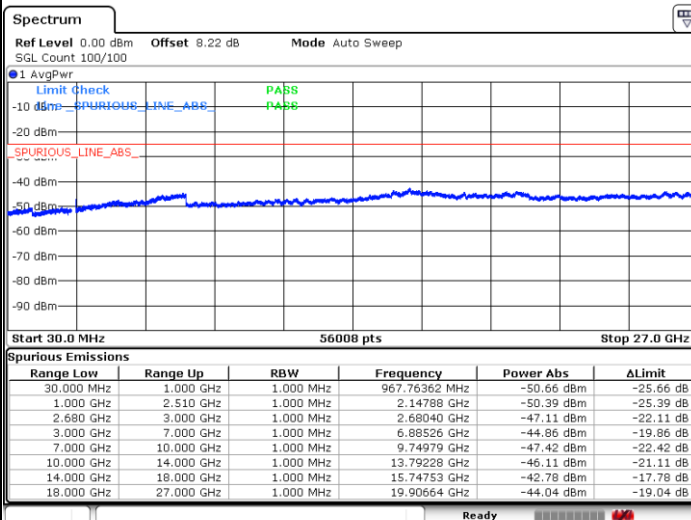


Date: 23 MAR 2020 19:38:37



Date: 23 MAR 2020 19:25:48

Highest Channel / 64QAM



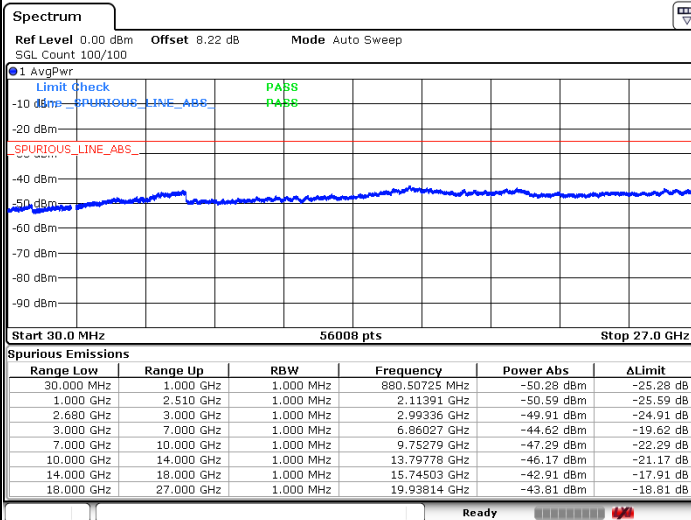
Date: 23 MAR 2020 19:27:54



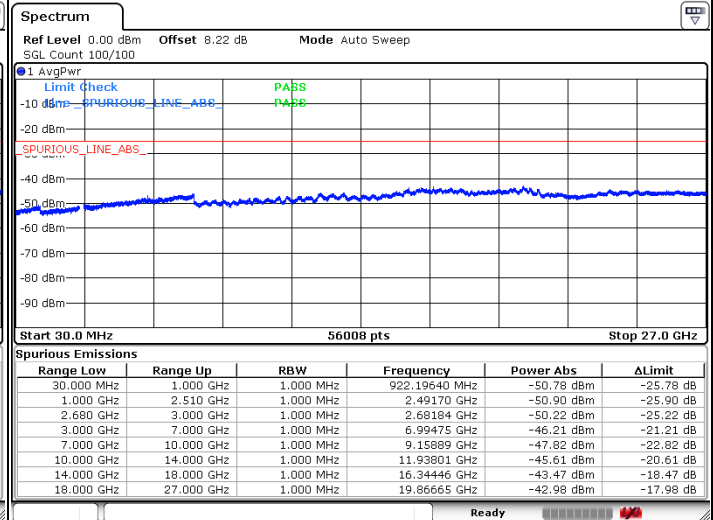
LTE Band 41 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

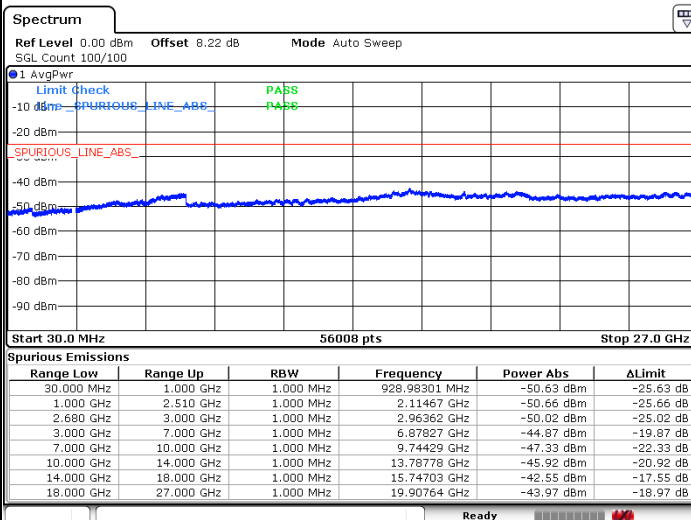


Date: 23 MAR 2020 19:14:37



Date: 22 MAR 2020 09:13:13

Highest Channel / 64QAM



Date: 23 MAR 2020 19:12:34

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	0.0025	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0034	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	-	-	30.45	-
Middle CH	-	-	30.51	-
Highest CH	-	-	30.51	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	39.88	-
Middle CH	-	-	39.88	-
Highest CH	-	-	39.80	-

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	-	-	30.33	-
Middle CH	-	-	30.51	-
Highest CH	-	-	30.57	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	39.64	-
Middle CH	-	-	40.12	-
Highest CH	-	-	39.80	-

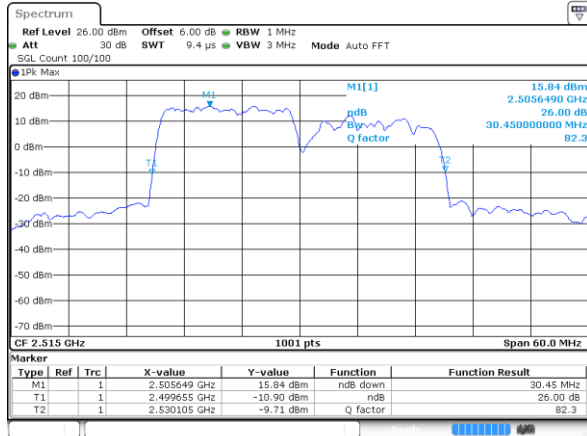
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH	-	-	30.51	-
Middle CH	-	-	30.45	-
Highest CH	-	-	30.57	-
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	-	-	39.64	-
Middle CH	-	-	39.80	-
Highest CH	-	-	39.96	-



LTE Band 7C

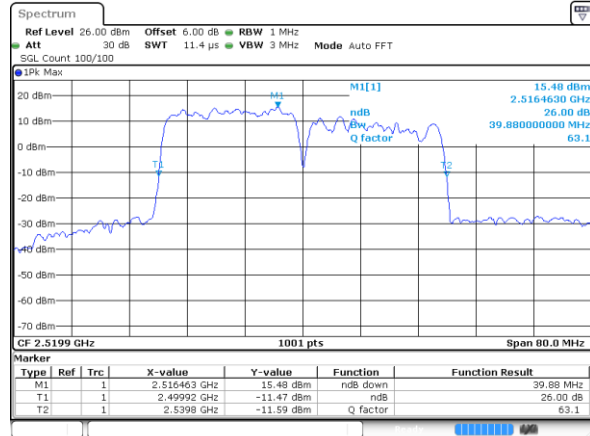
QPSK

Lowest Channel / 15MHz+15MHz



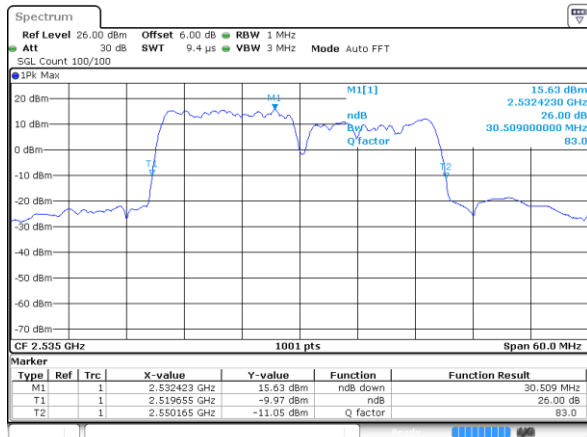
Date: 21 APR 2020 03:41:06

Lowest Channel / 20MHz+20MHz



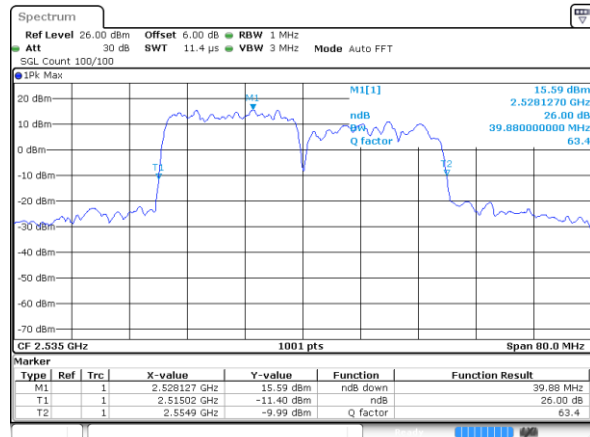
Date: 21 APR 2020 05:41:34

Middle Channel / 15MHz+15MHz



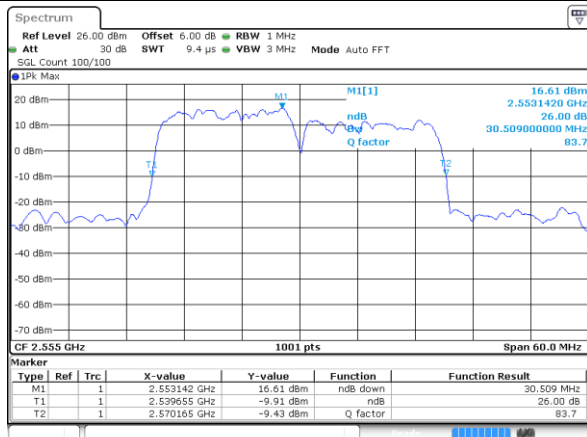
Date: 21 APR 2020 03:52:30

Middle Channel / 20MHz+20MHz



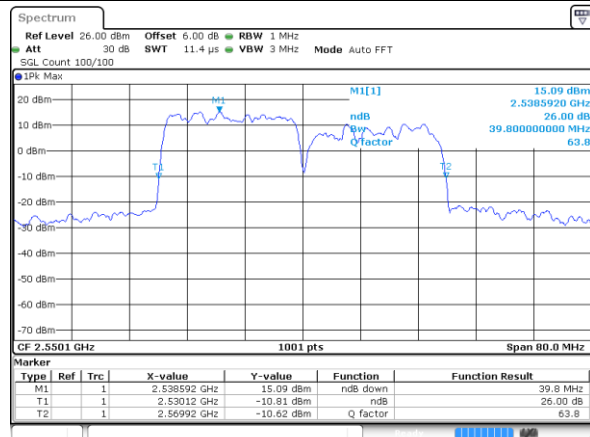
Date: 21 APR 2020 05:52:58

Highest Channel / 15MHz+15MHz



Date: 21 APR 2020 03:58:17

Highest Channel / 20MHz+20MHz



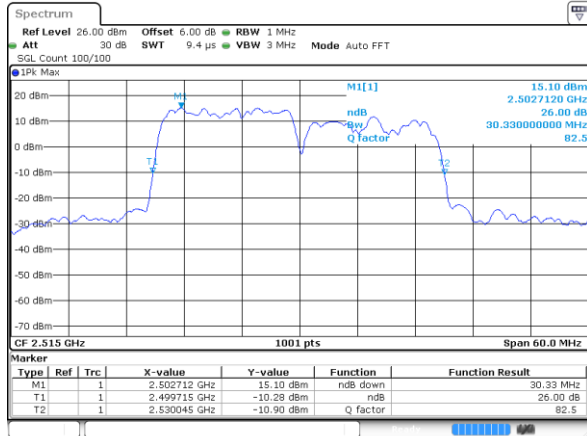
Date: 21 APR 2020 05:53:47



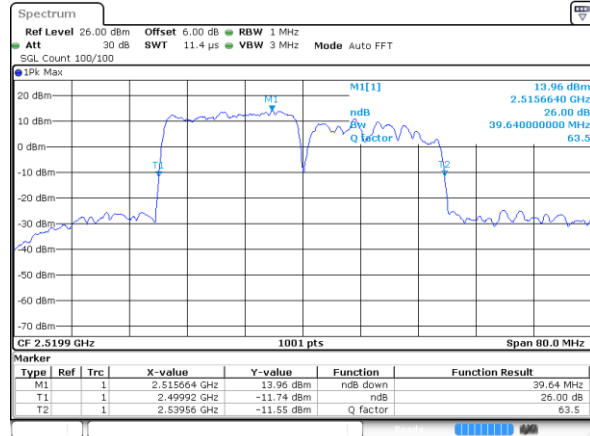
LTE Band 7C

16QAM

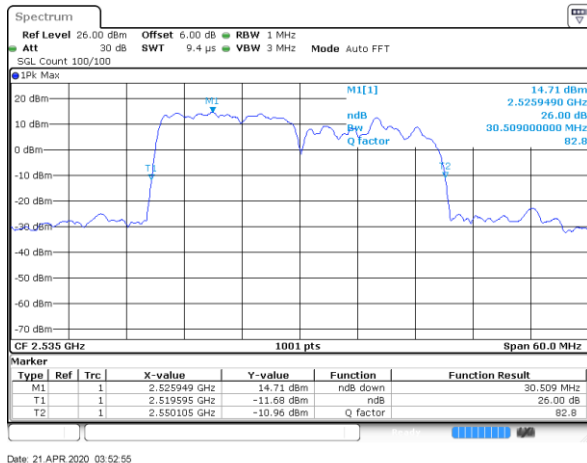
Lowest Channel / 15MHz+15MHz



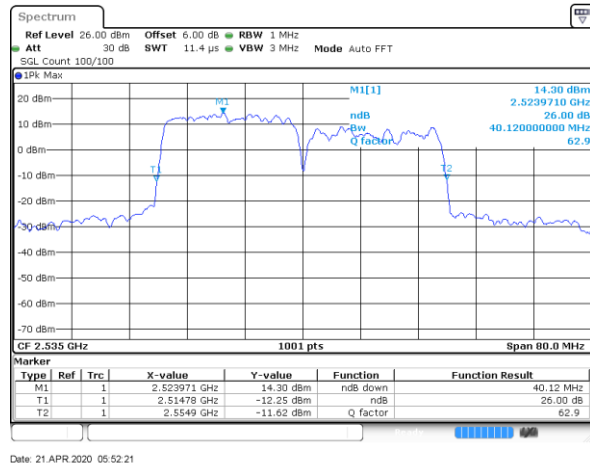
Lowest Channel / 20MHz+20MHz



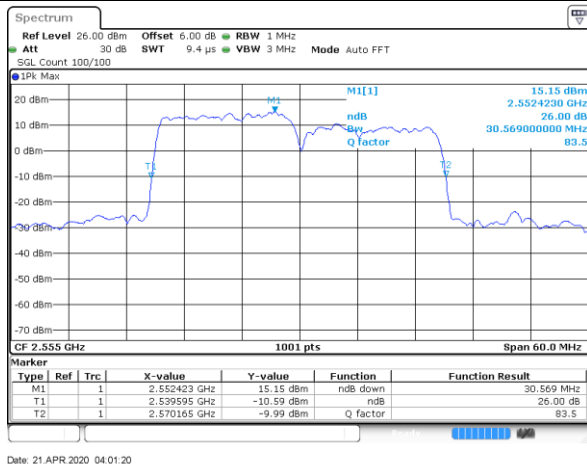
Middle Channel / 15MHz+15MHz



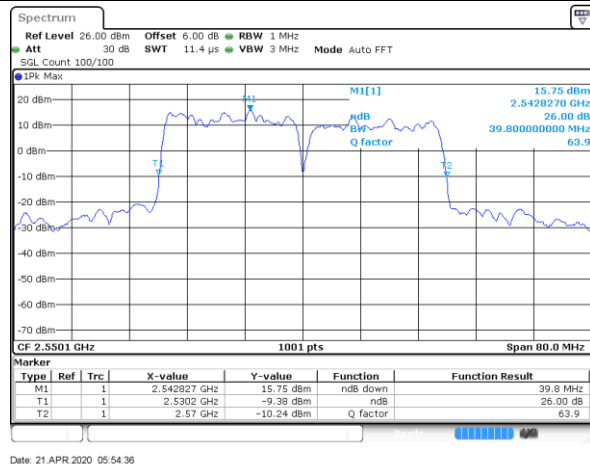
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 20MHz+20MHz

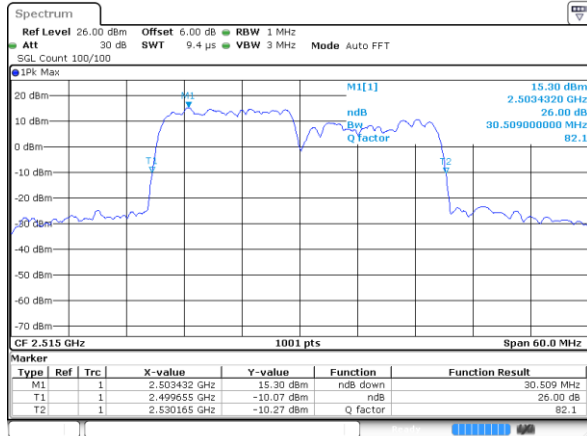




LTE Band 7C

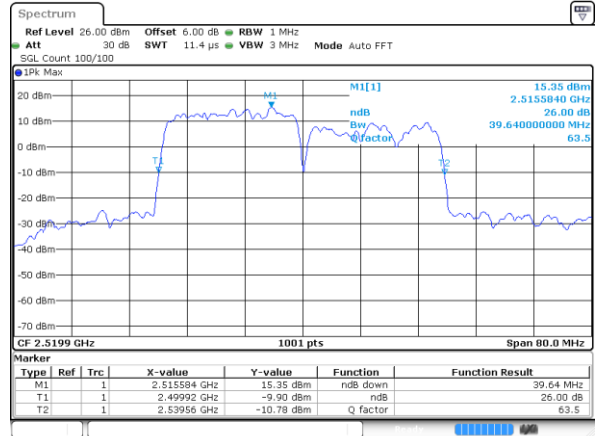
64QAM

Lowest Channel / 15MHz+15MHz



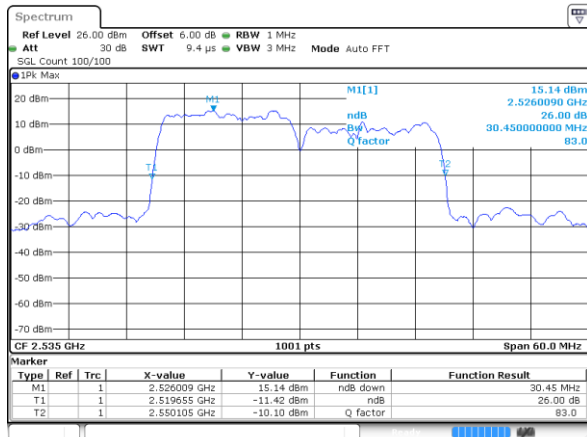
Date: 21 APR 2020 03:38:33

Lowest Channel / 20MHz+20MHz



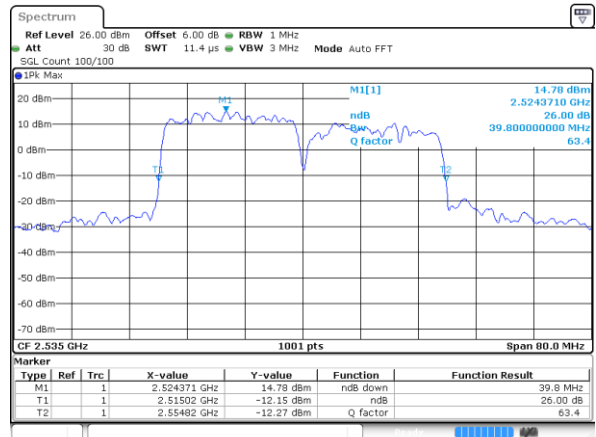
Date: 21 APR 2020 05:39:49

Middle Channel / 15MHz+15MHz



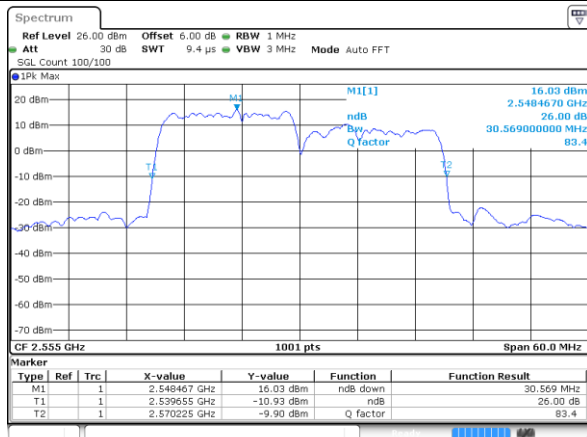
Date: 21 APR 2020 03:53:21

Middle Channel / 20MHz+20MHz



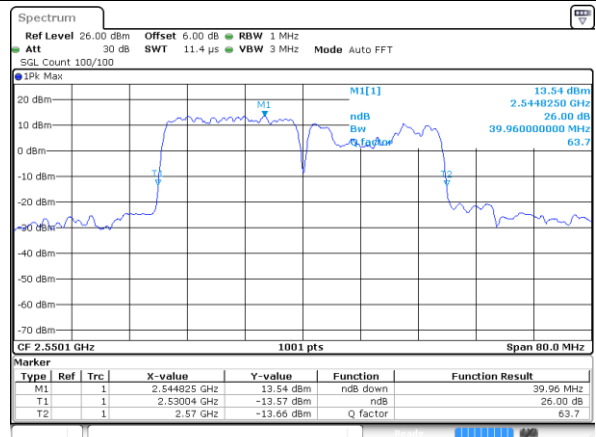
Date: 21 APR 2020 05:51:50

Highest Channel / 15MHz+15MHz



Date: 21 APR 2020 04:02:46

Highest Channel / 20MHz+20MHz



Date: 21 APR 2020 05:56:02

**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH			28.65	
Middle CH			28.53	
Highest CH			28.17	
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH			37.48	-
Middle CH			37.56	-
Highest CH			37.64	-

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH			28.89	
Middle CH			28.65	
Highest CH			28.41	
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH			37.72	-
Middle CH			37.40	-
Highest CH			37.48	-

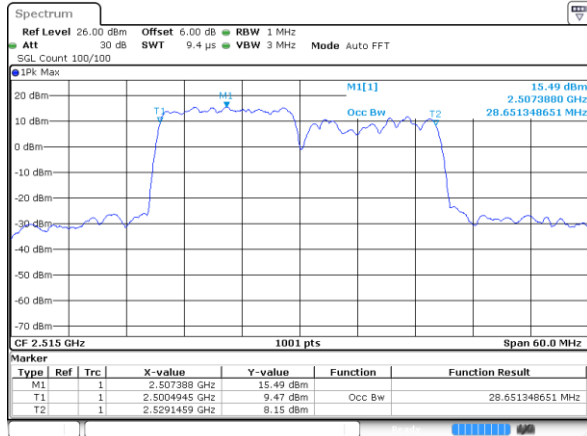
Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Lowest CH			28.41	
Middle CH			28.47	
Highest CH			28.23	
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH			37.64	-
Middle CH			37.72	-
Highest CH			37.88	-



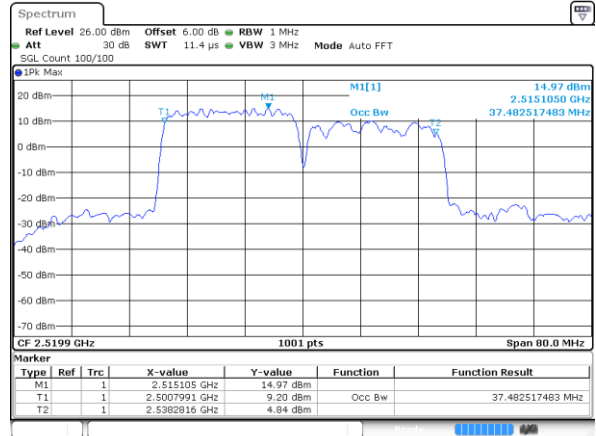
LTE Band 7C

QPSK

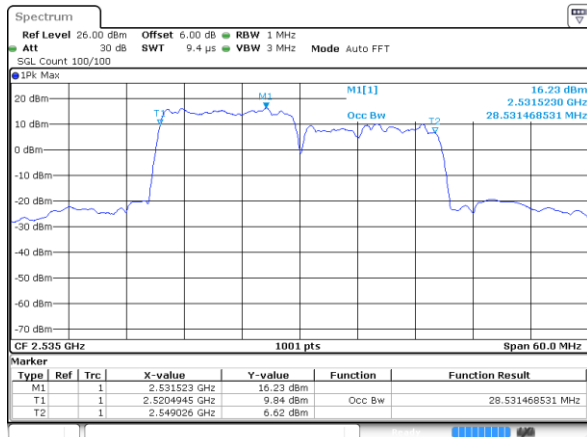
Lowest Channel / 15MHz+15MHz



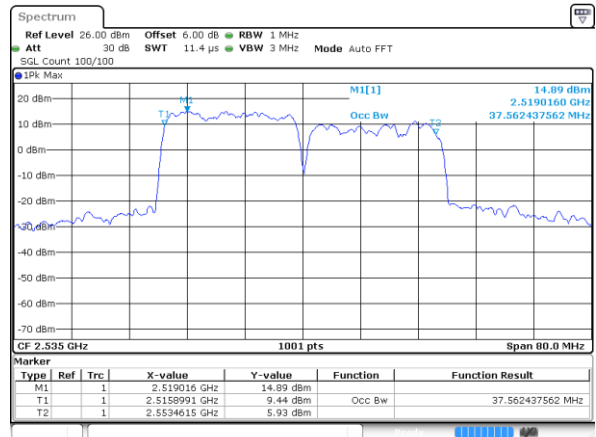
Lowest Channel / 20MHz+20MHz



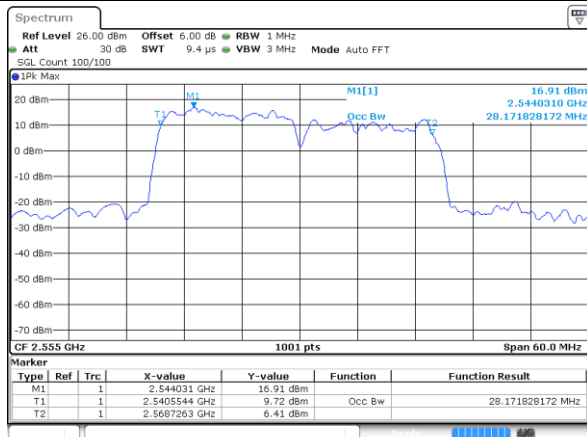
Middle Channel / 15MHz+15MHz



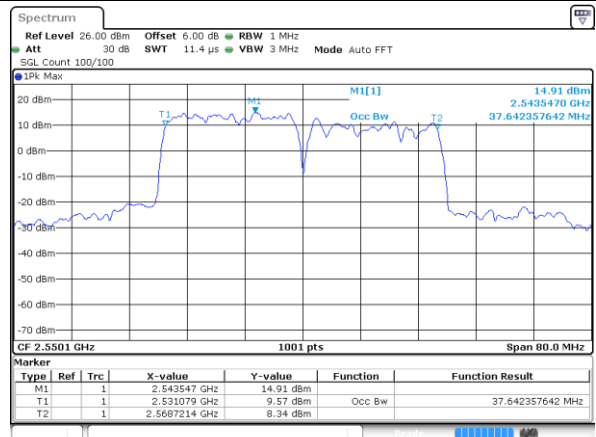
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 20MHz+20MHz

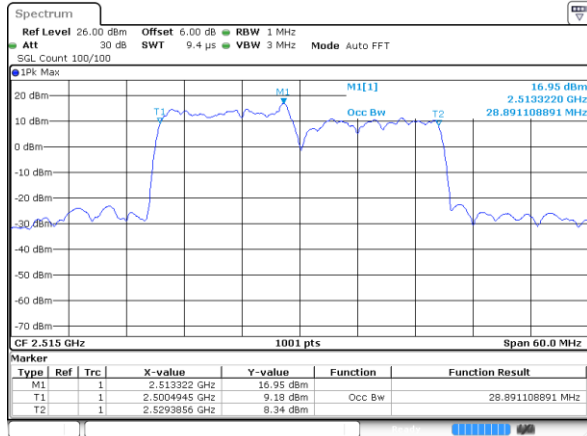




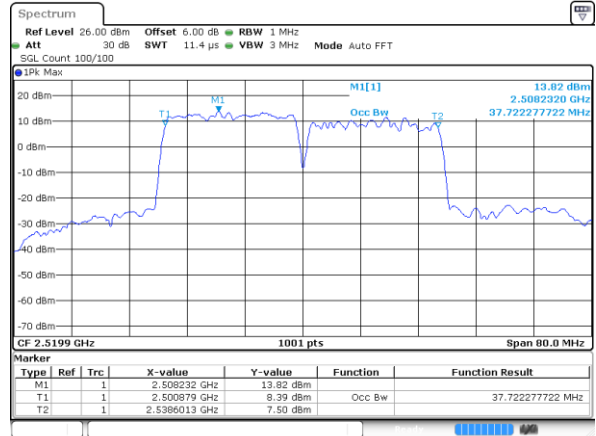
LTE Band 7C

16QAM

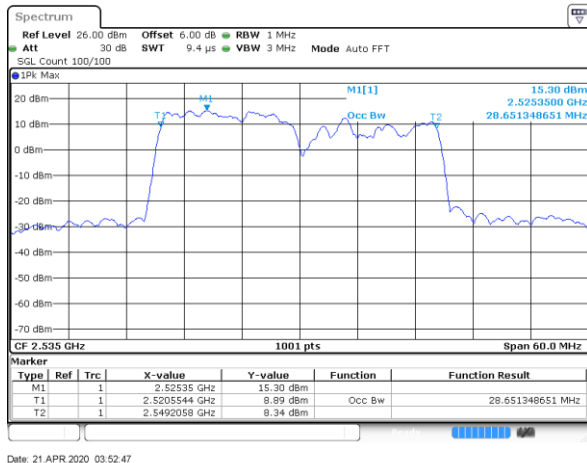
Lowest Channel / 15MHz+15MHz



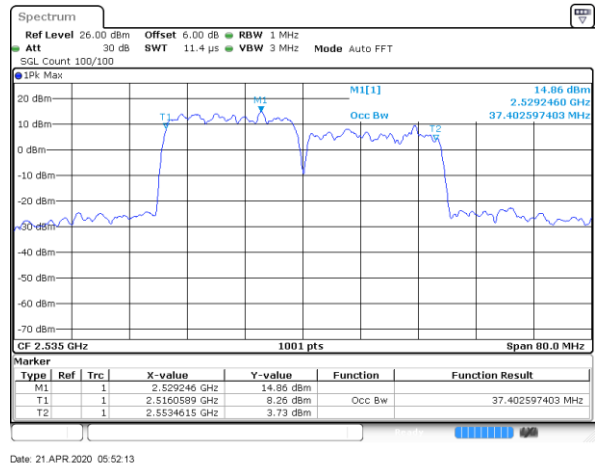
Lowest Channel / 20MHz+20MHz



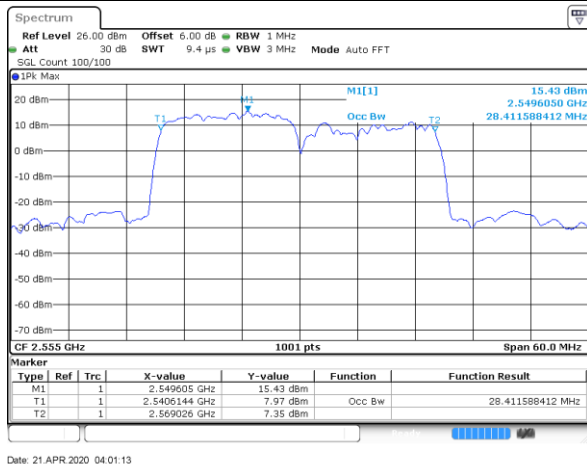
Middle Channel / 15MHz+15MHz



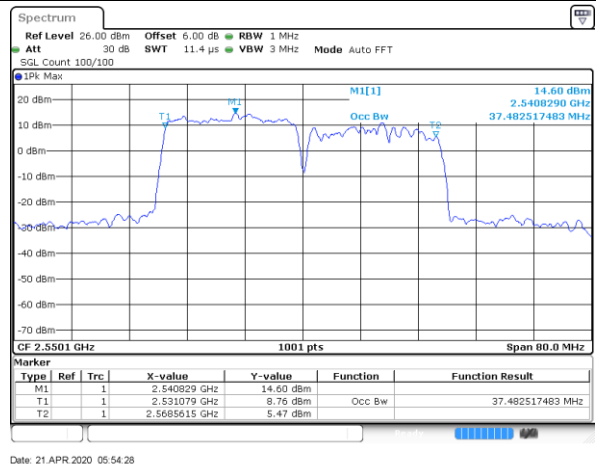
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 20MHz+20MHz

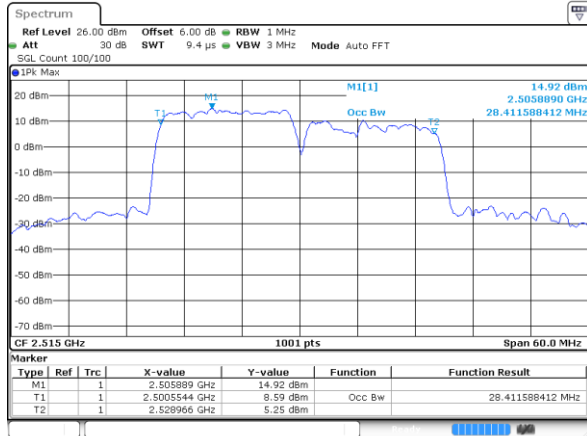




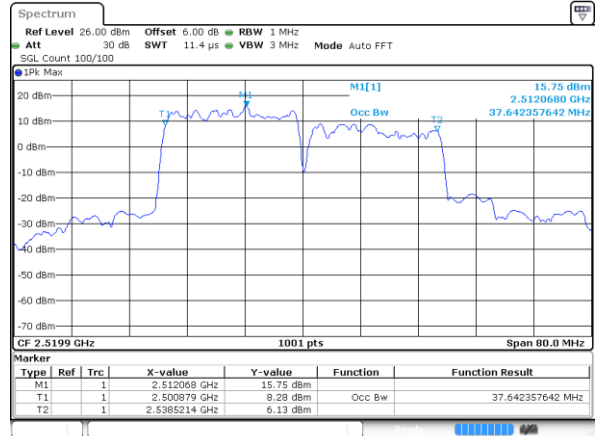
LTE Band 7C

64QAM

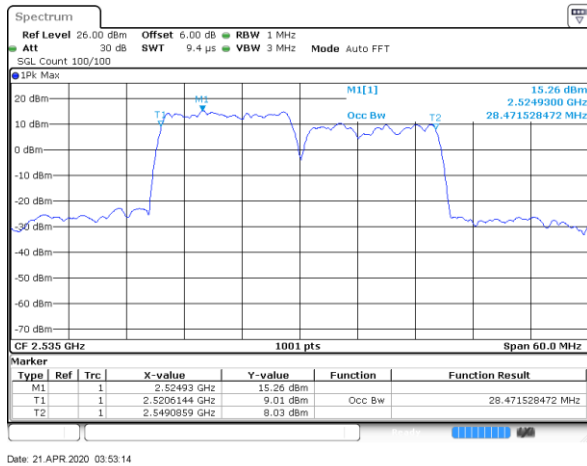
Lowest Channel / 15MHz+15MHz



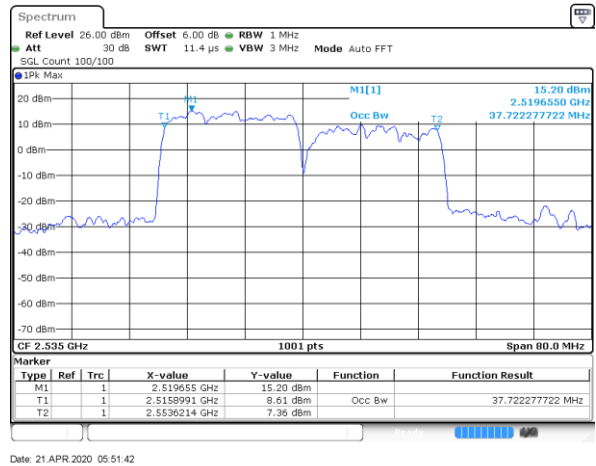
Lowest Channel / 20MHz+20MHz



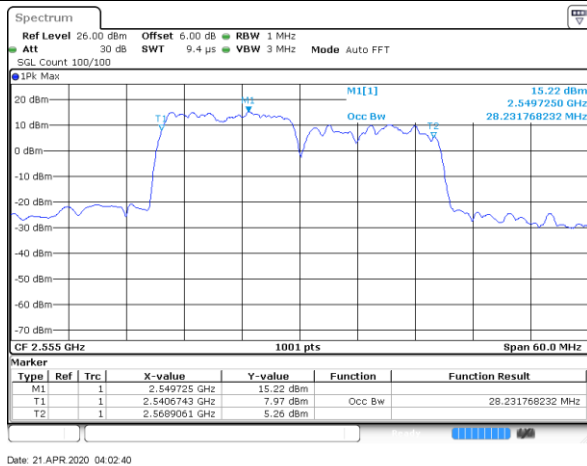
Middle Channel / 15MHz+15MHz



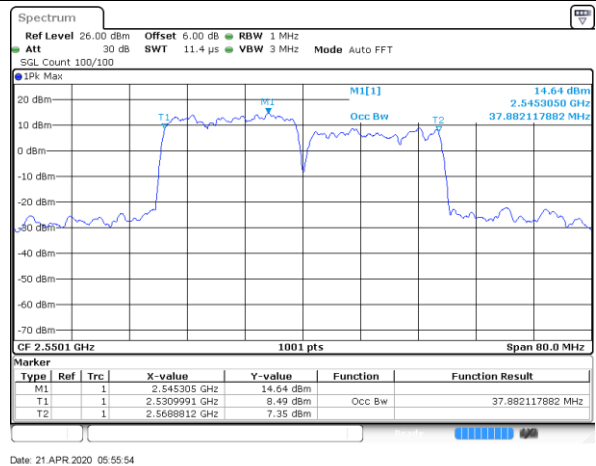
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 20MHz+20MHz



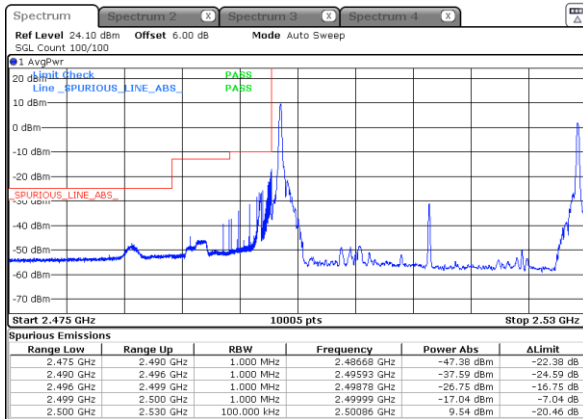


Conducted Band Edge

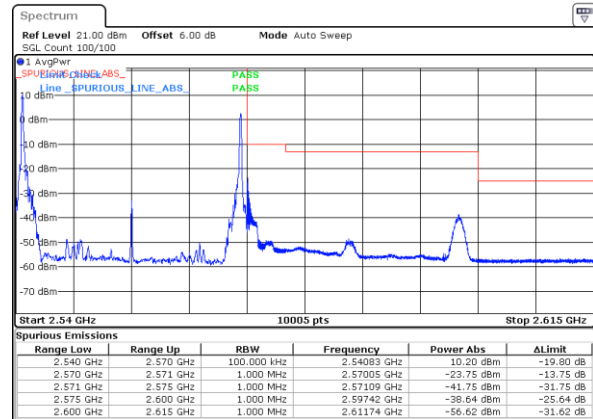
LTE Band 7C / 15MHz+15MHz

QPSK

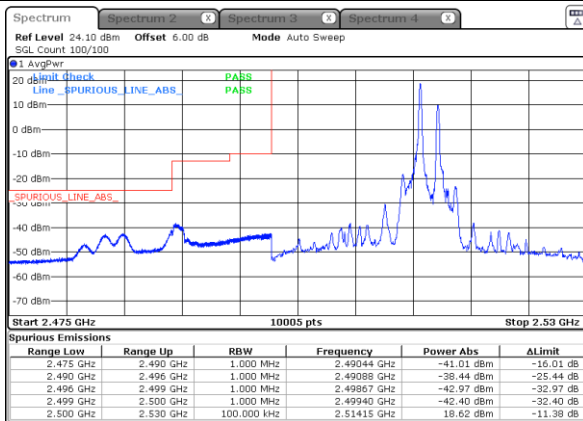
Lowest Band Edge / 1RB0 and 1RB74



Highest Band Edge / 1RB0 and 1RB74

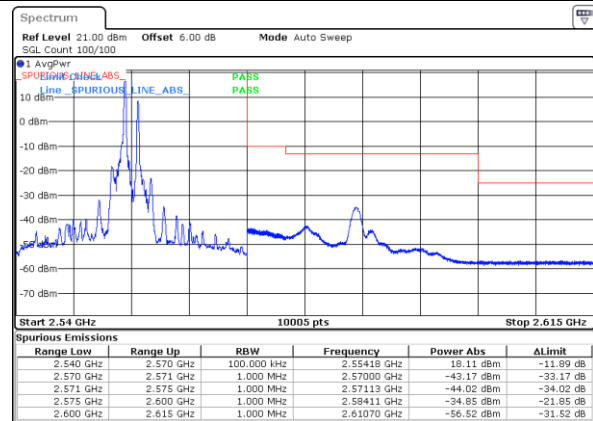


Lowest Band Edge / 1RB74 and 1RB0



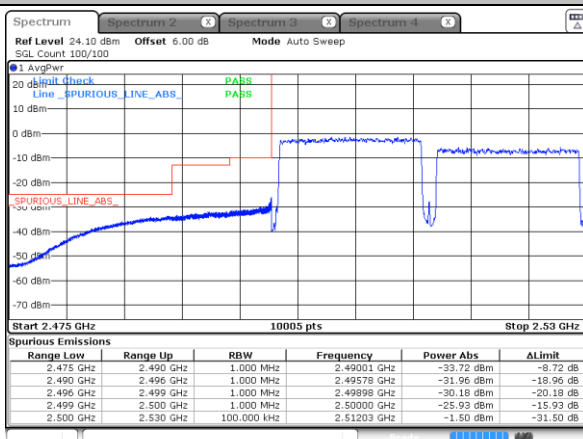
Date: 22 APR 2020 12:58:21

Highest Band Edge / 1RB74 and 1RB0

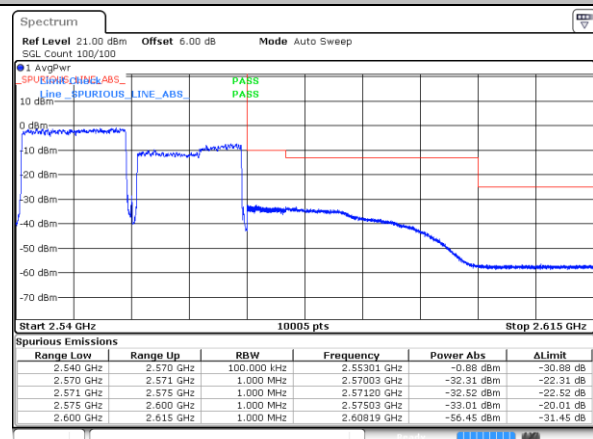


Date: 21 APR 2020 04:05:17

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

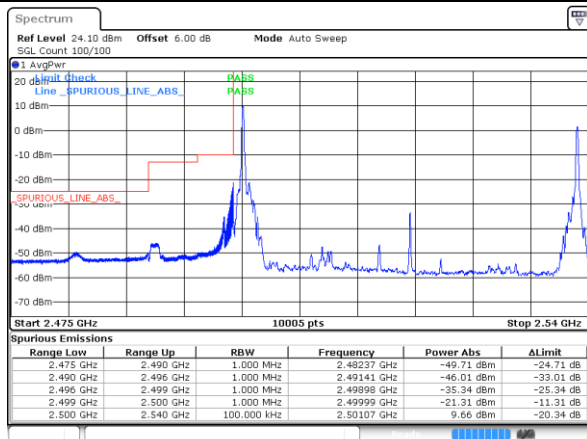




LTE Band 7C / 20MHz+20MHz

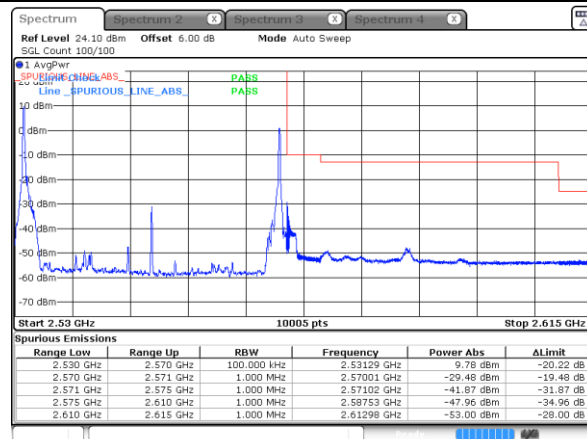
QPSK

Lowest Band Edge / 1RB0 and 1RB99



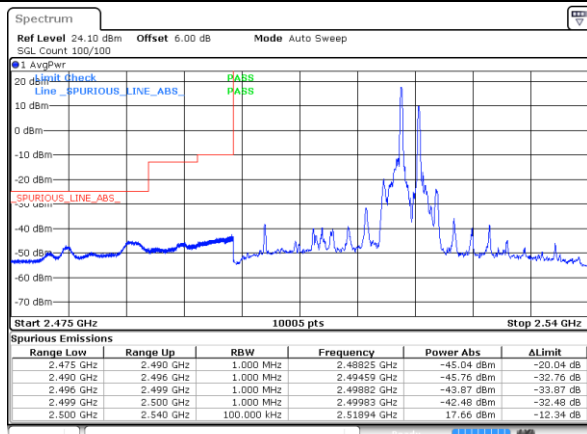
Date: 21 APR 2020 05:42:27

Highest Band Edge / 1RB0 and 1RB99



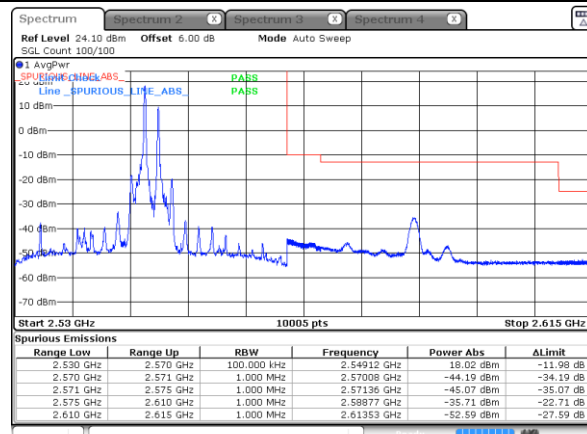
Date: 22 APR 2020 13:05:44

Lowest Band Edge / 1RB99 and 1RB0



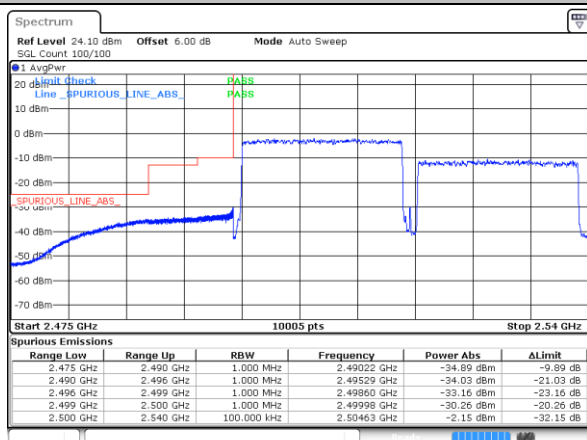
Date: 21 APR 2020 05:46:40

Highest Band Edge / 1RB99 and 1RB0



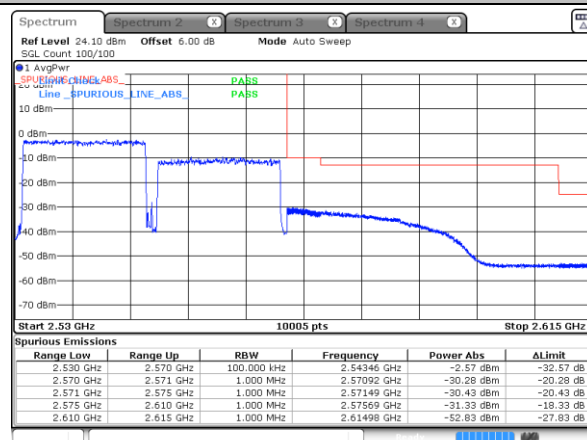
Date: 22 APR 2020 13:07:58

Lowest Band Edge / Full RB



Date: 21 APR 2020 05:41:49

Highest Band Edge / Full RB



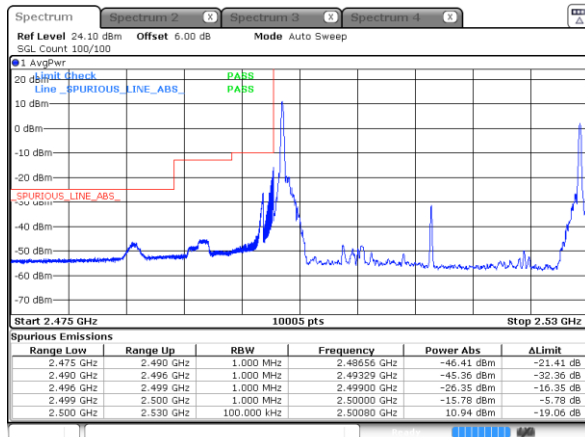
Date: 22 APR 2020 13:05:08



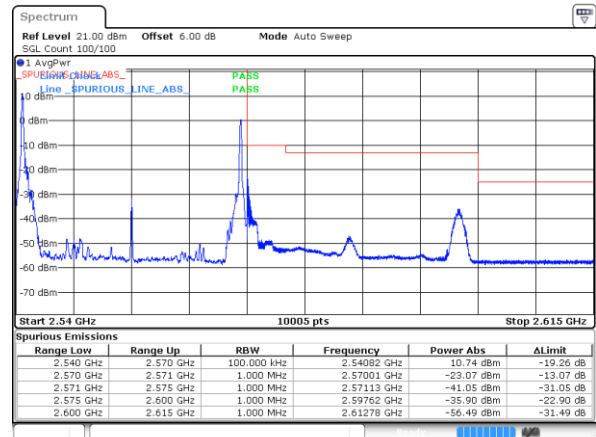
LTE Band 7C / 15MHz+15MHz

16QAM

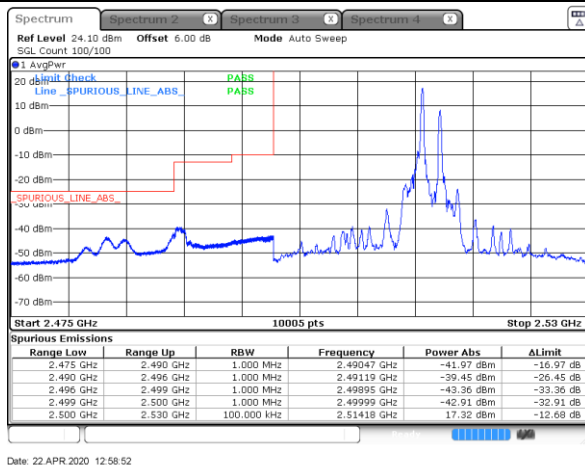
Lowest Band Edge / 1RB0 and 1RB74



Highest Band Edge / 1RB0 and 1RB74



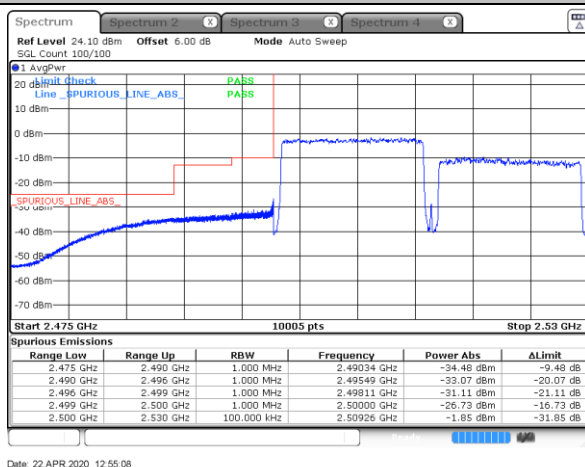
Lowest Band Edge / 1RB74 and 1RB0



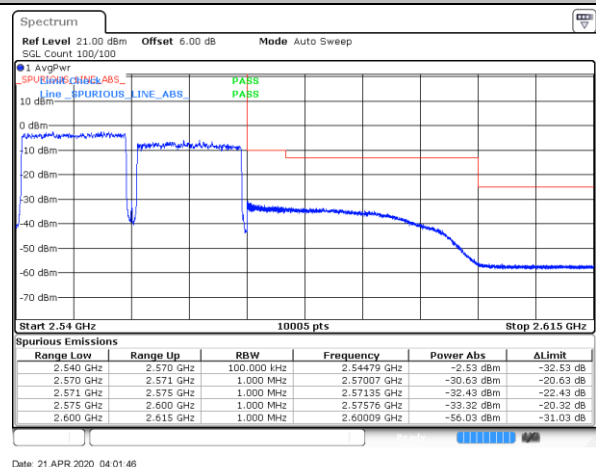
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Lowest Band Edge / 1RB0 and 1RB99



Date: 22 APR 2020 13:06:11

Highest Band Edge / 1RB99 and 1RB0



Highest Band Edge / Full RB

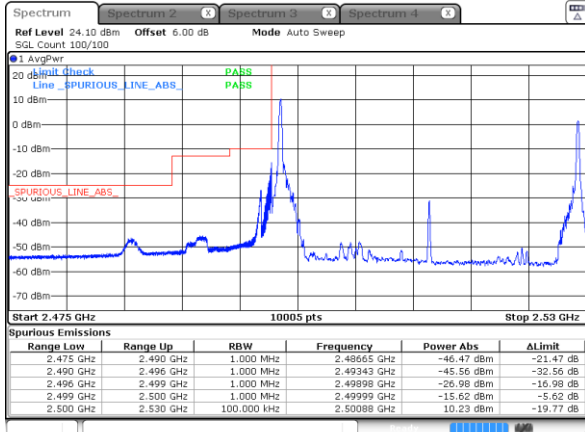




LTE Band 7C / 15MHz+15MHz

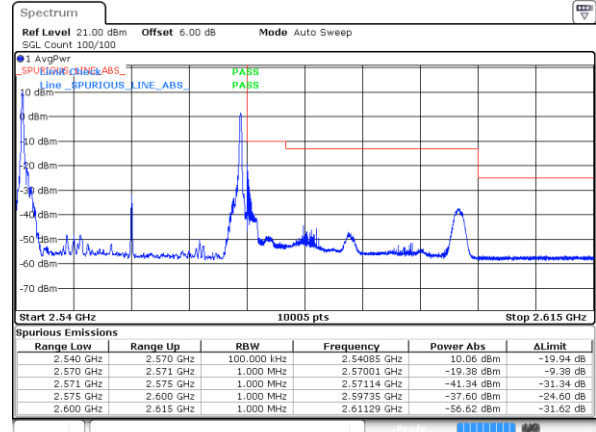
64QAM

Lowest Band Edge / 1RB0 and 1RB74



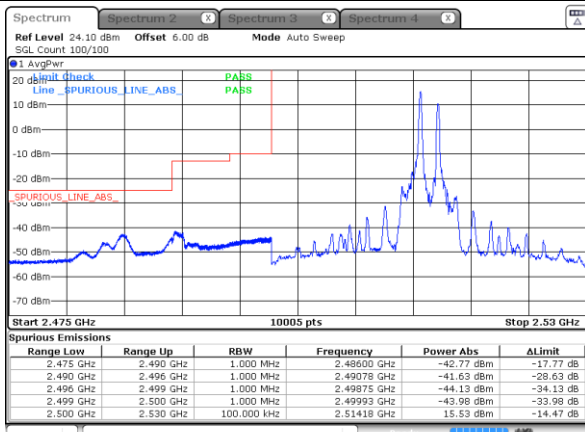
Date: 22 APR 2020 12:56:54

Highest Band Edge / 1RB0 and 1RB74



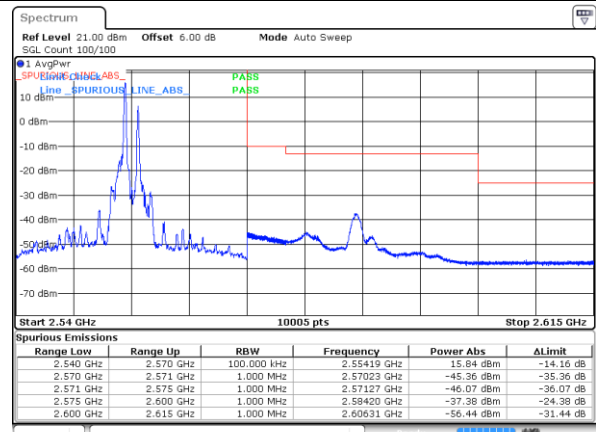
Date: 21 APR 2020 04:03:36

Lowest Band Edge / 1RB74 and 1RB0



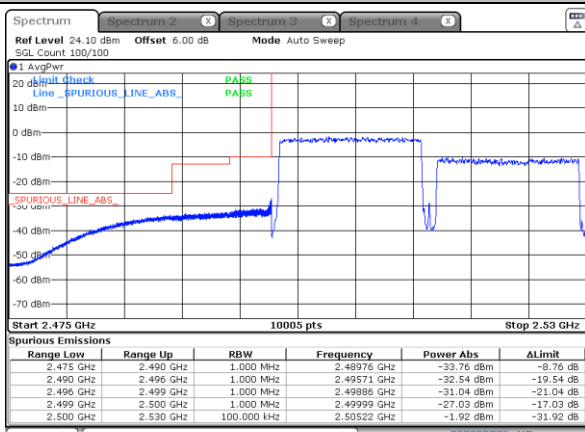
Date: 22 APR 2020 12:59:27

Highest Band Edge / 1RB74 and 1RB0



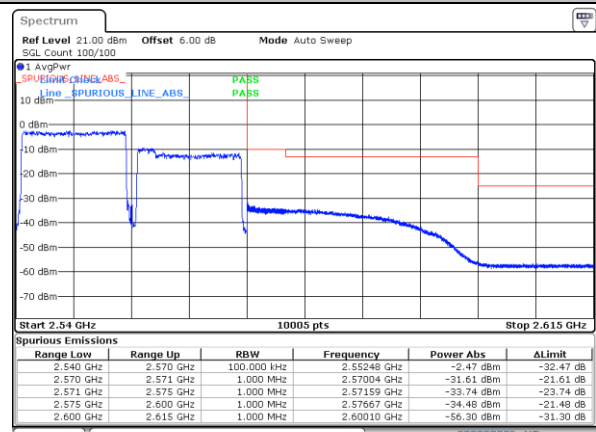
Date: 21 APR 2020 04:10:13

Lowest Band Edge / Full RB



Date: 22 APR 2020 12:56:00

Highest Band Edge / Full RB



Date: 21 APR 2020 04:02:56



Lowest Band Edge / 1RB0 and 1RB99



Date: 22 APR 2020 13:06:37

Highest Band Edge / 1RB99 and 1RB0



Highest Band Edge / Full RB

