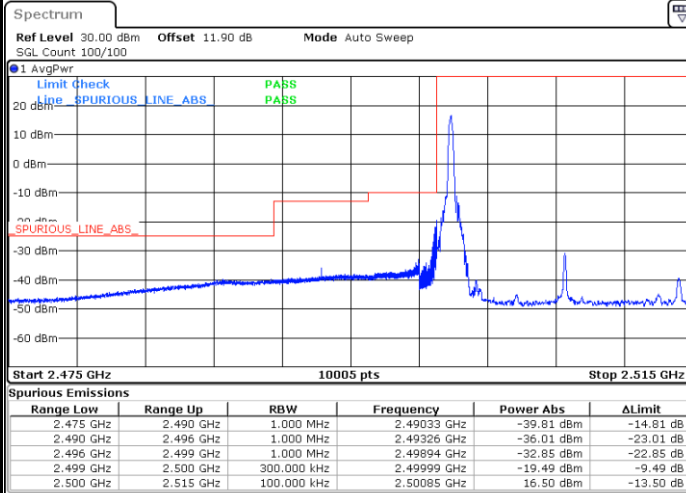




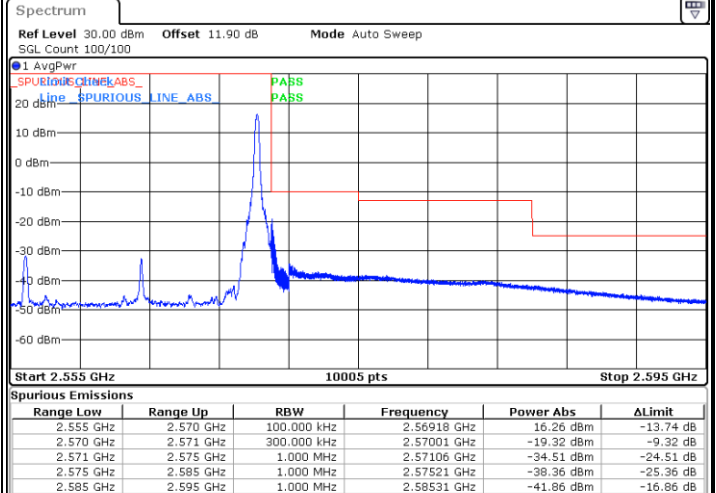
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



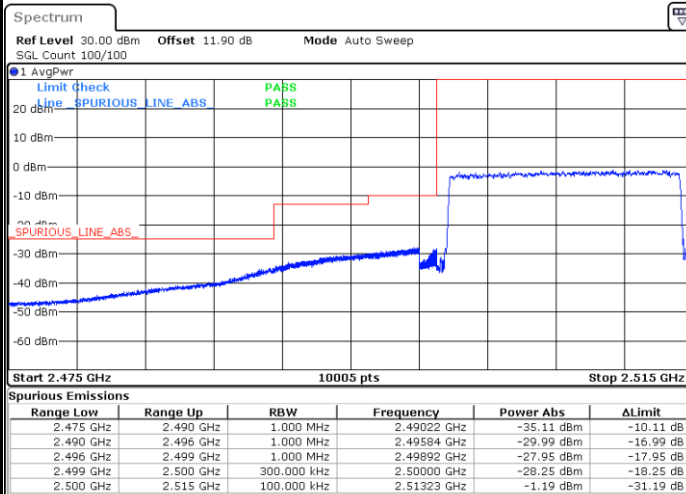
Date: 7.JUL.2021 09:48:52

Highest Band Edge / 1 RB



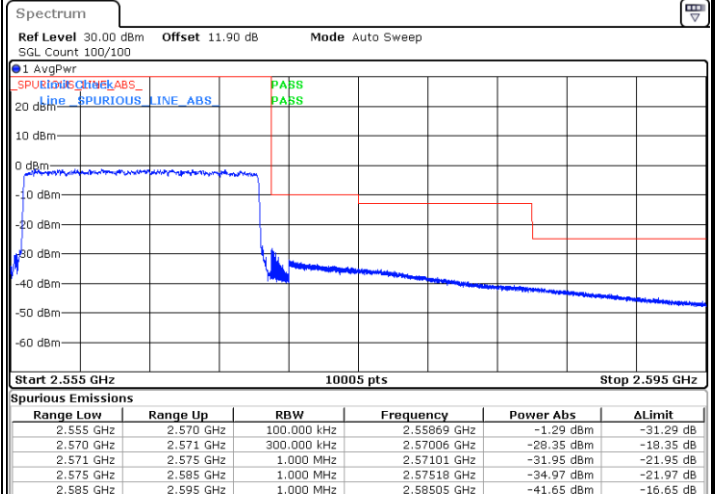
Date: 7.JUL.2021 09:51:32

Lowest Band Edge / Full RB



Date: 7.JUL.2021 09:49:42

Highest Band Edge / Full RB

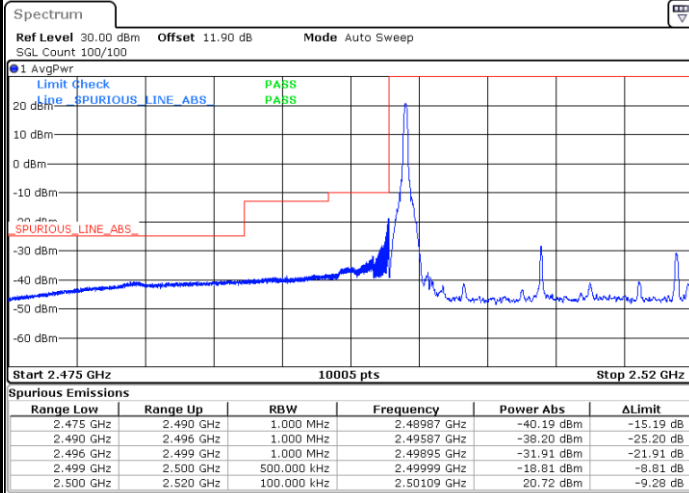


Date: 7.JUL.2021 09:52:21

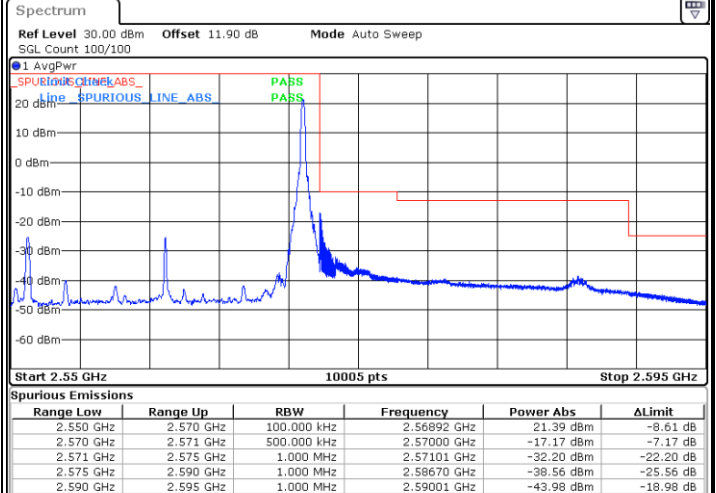


LTE Band 7 / 20MHz / QPSK

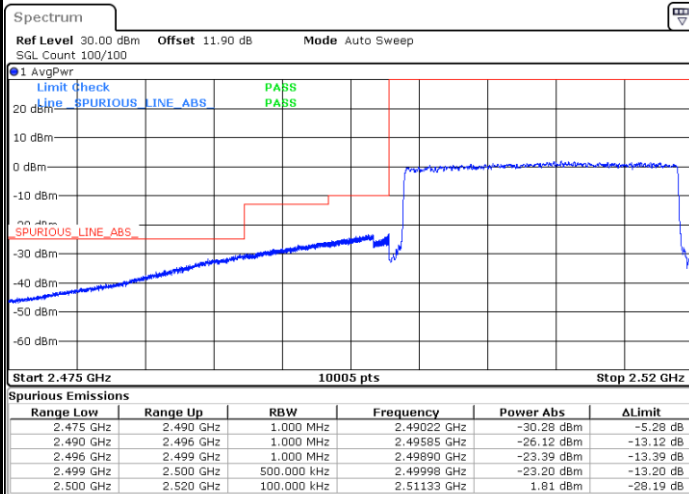
Lowest Band Edge / 1 RB



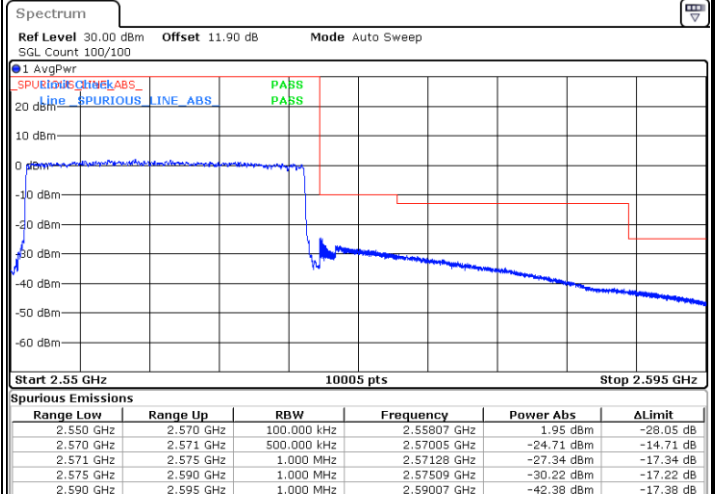
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



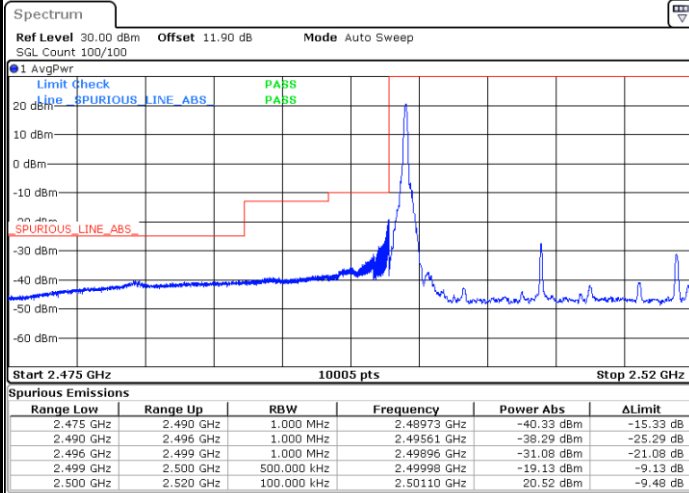
Highest Band Edge / Full RB





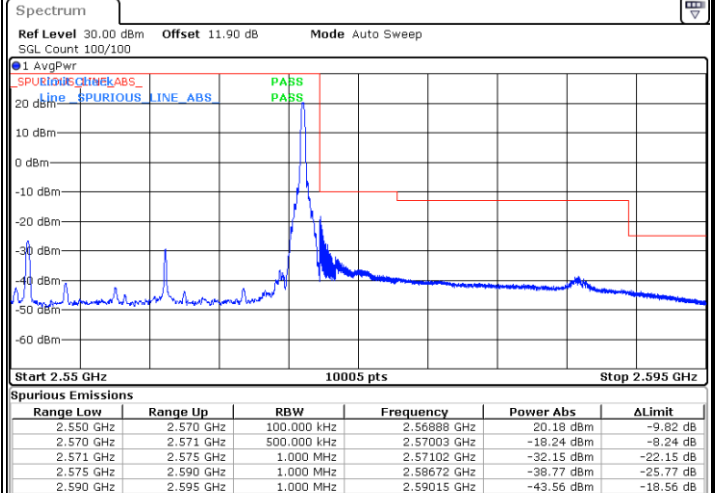
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



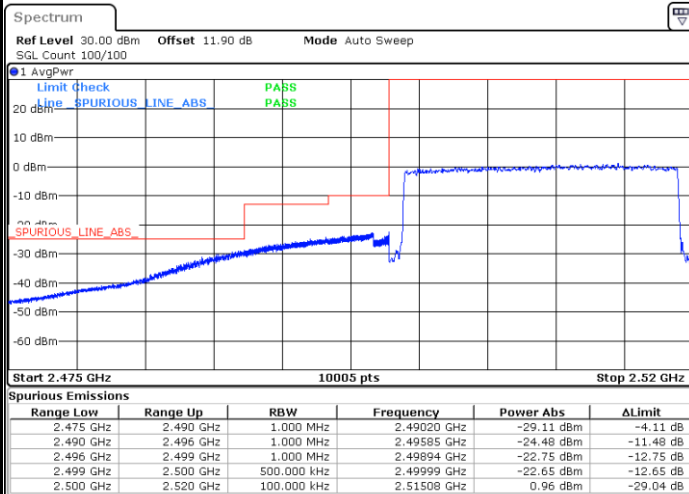
Date: 7.JUL.2021 09:28:23

Highest Band Edge / 1 RB



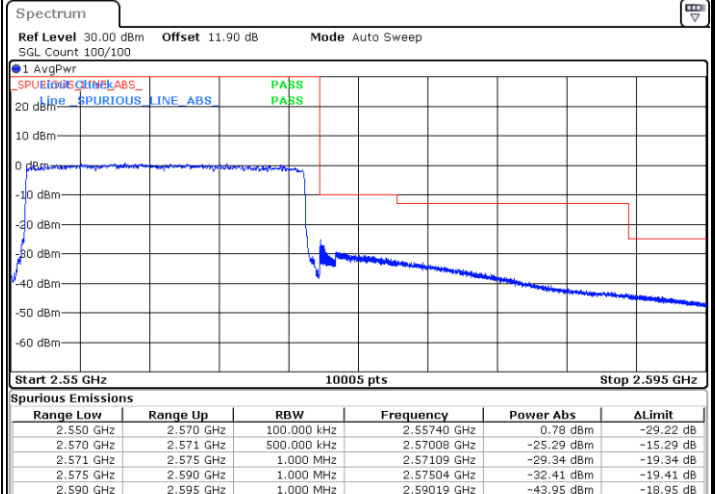
Date: 7.JUL.2021 09:33:43

Lowest Band Edge / Full RB



Date: 7.JUL.2021 09:29:20

Highest Band Edge / Full RB

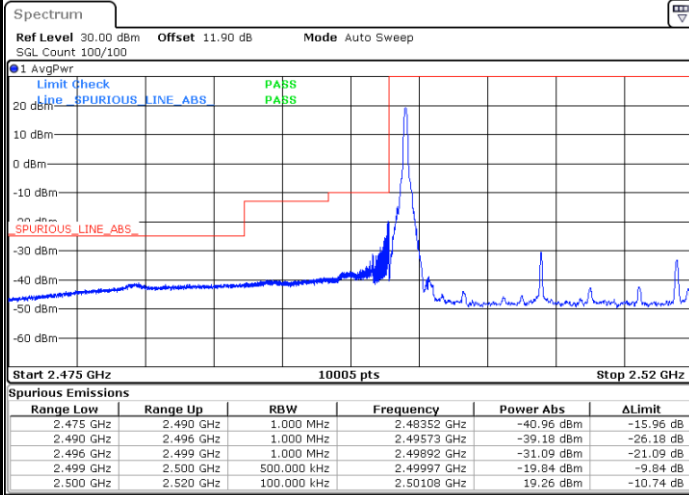


Date: 7.JUL.2021 09:34:11

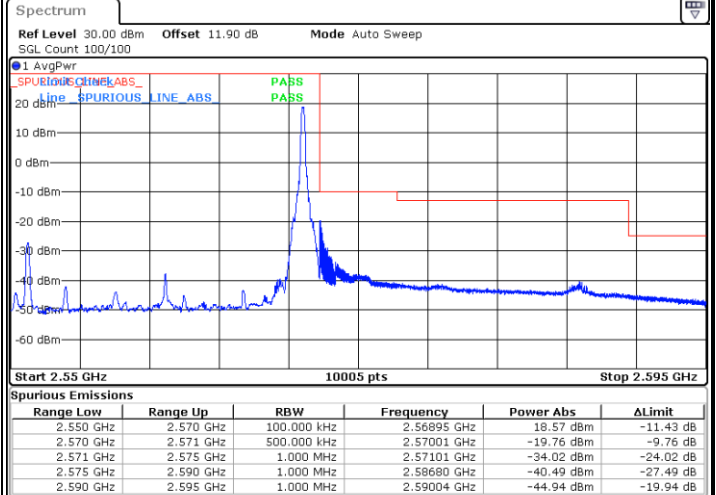


LTE Band 7 / 20MHz / 64QAM

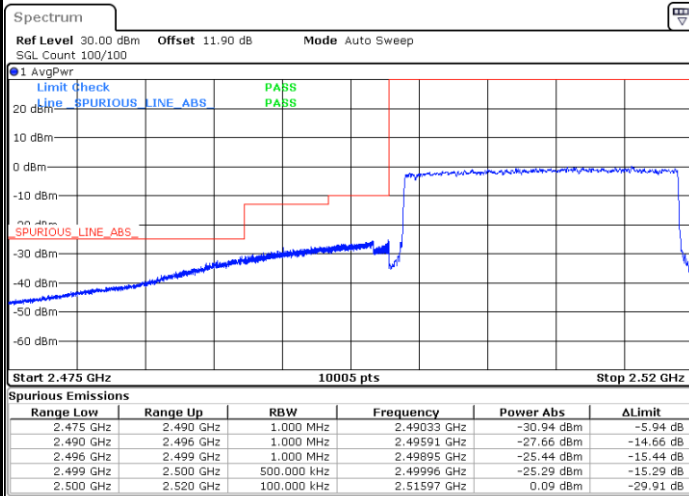
Lowest Band Edge / 1 RB



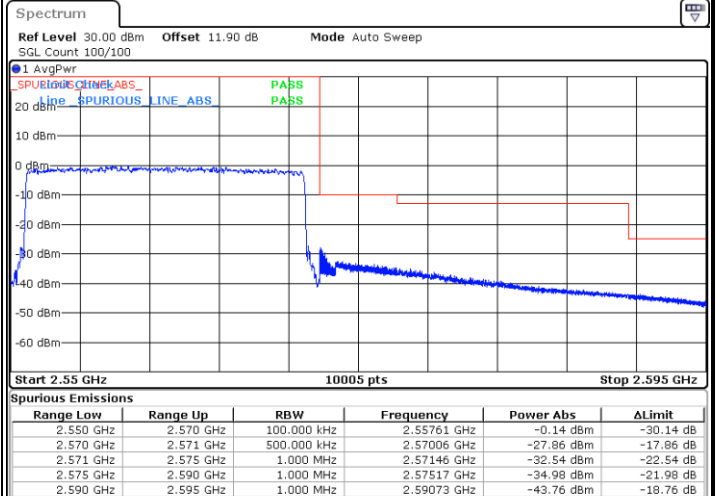
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



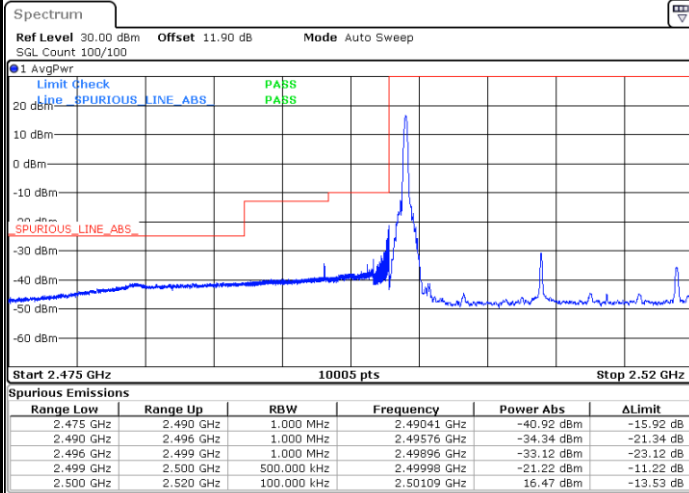
Highest Band Edge / Full RB





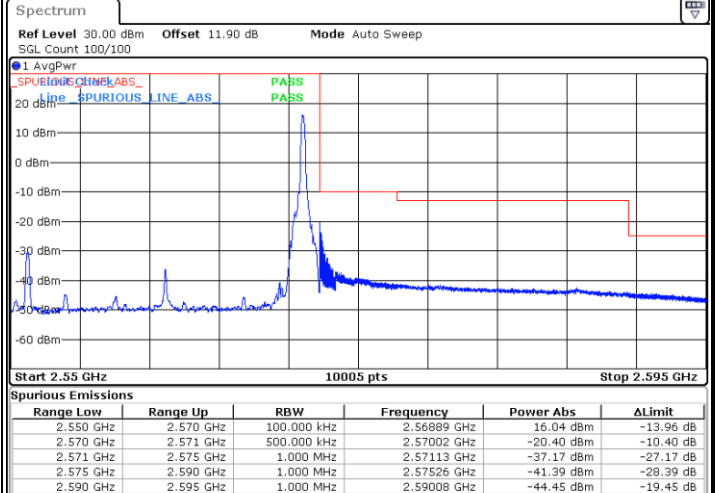
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



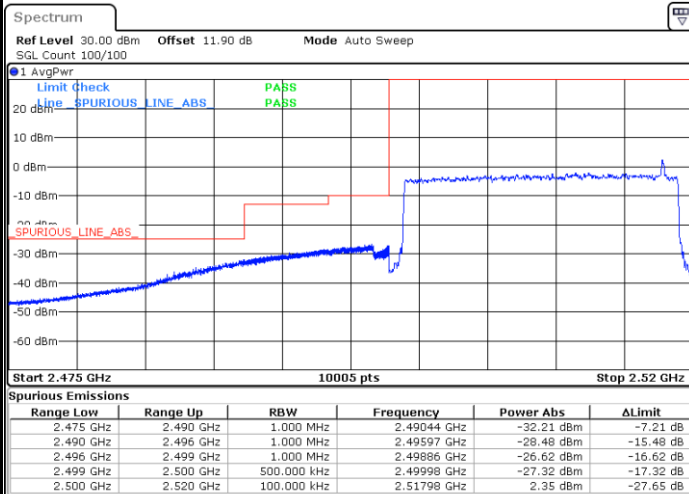
Date: 7.JUL.2021 09:53:03

Highest Band Edge / 1 RB



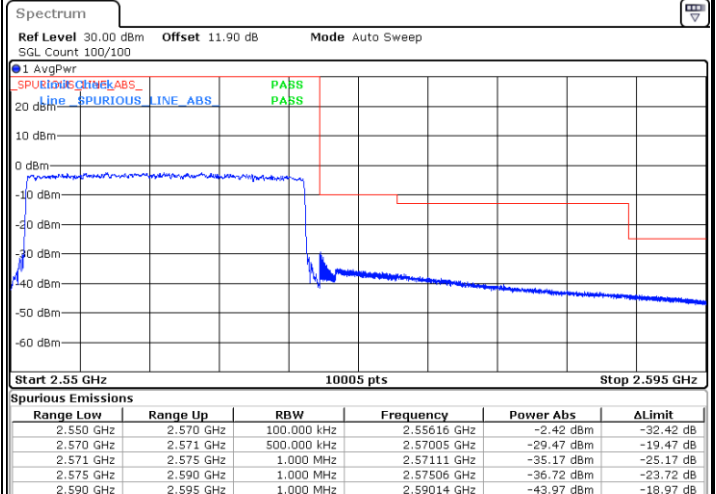
Date: 7.JUL.2021 09:55:43

Lowest Band Edge / Full RB



Date: 7.JUL.2021 09:53:54

Highest Band Edge / Full RB



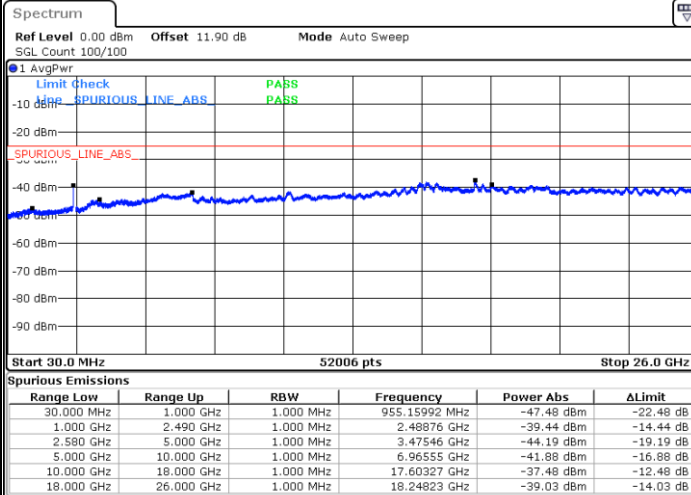
Date: 7.JUL.2021 09:56:33



Conducted Spurious Emission

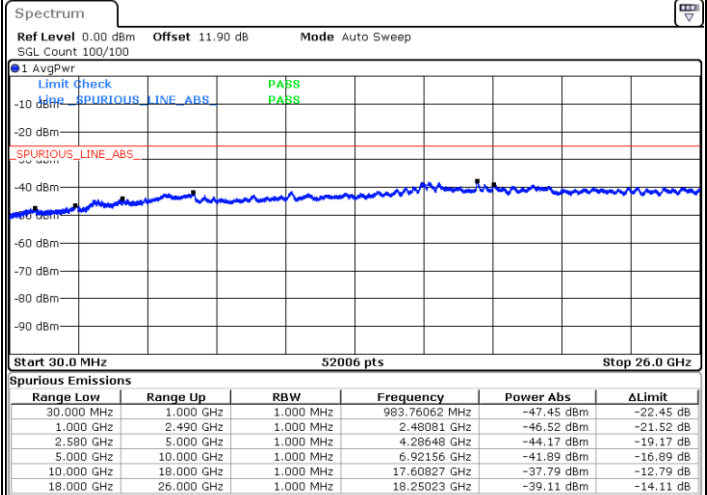
LTE Band 7 / 5MHz

Lowest Channel / QPSK



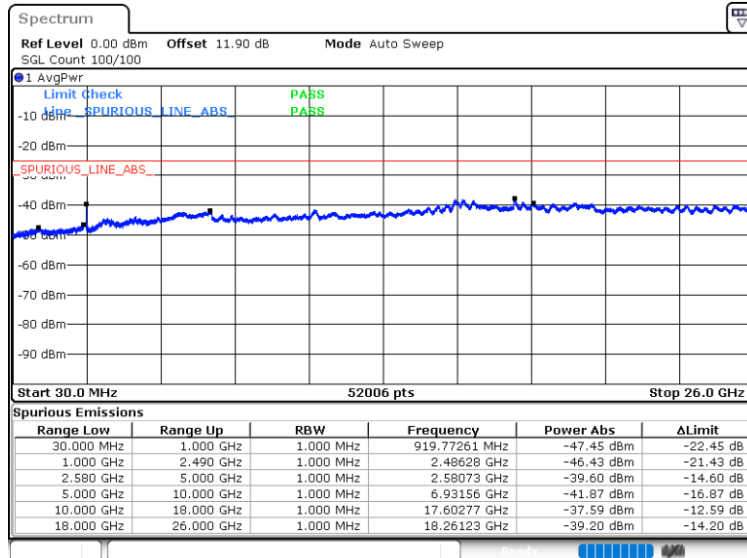
Date: 7.JUL.2021 08:55:46

Middle Channel / QPSK



Date: 7.JUL.2021 08:58:13

Highest Channel / QPSK

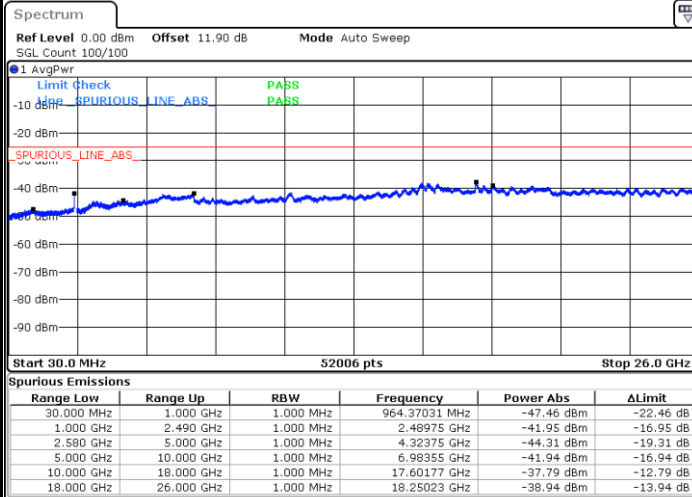


Date: 7.JUL.2021 09:01:06



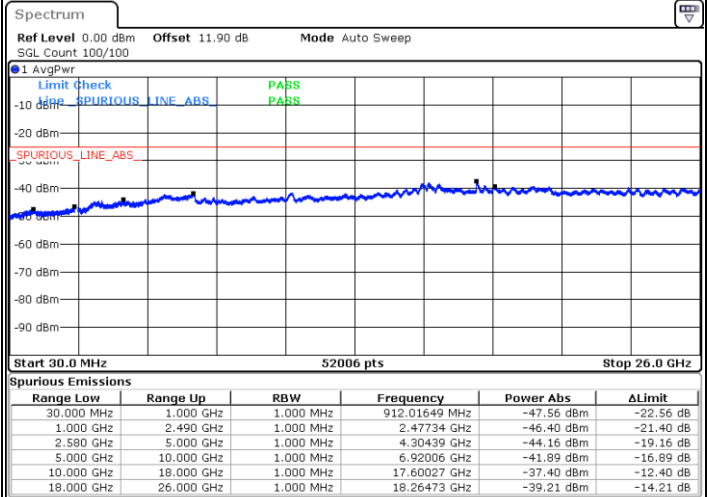
LTE Band 7 / 10MHz

Lowest Channel / QPSK



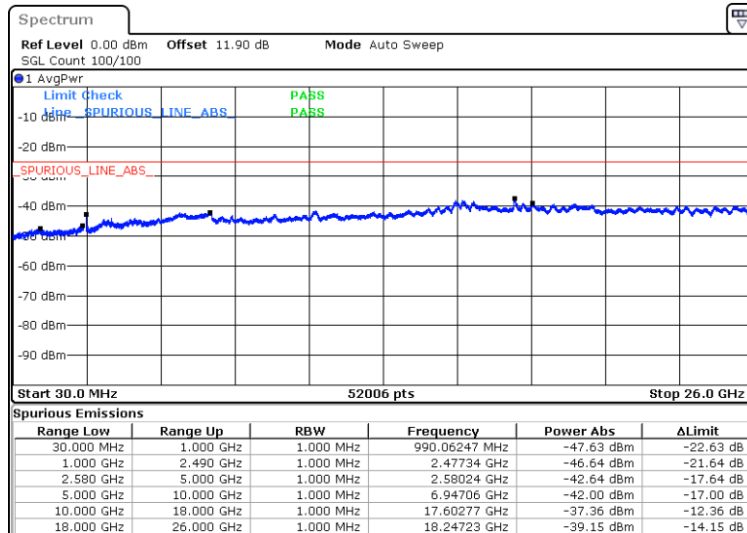
Date: 7.JUL.2021 09:07:19

Middle Channel / QPSK



Date: 7.JUL.2021 09:09:45

Highest Channel / QPSK

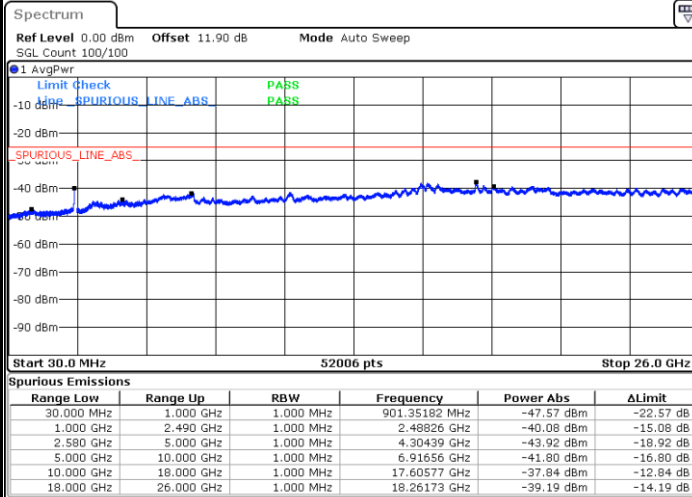


Date: 7.JUL.2021 09:12:38



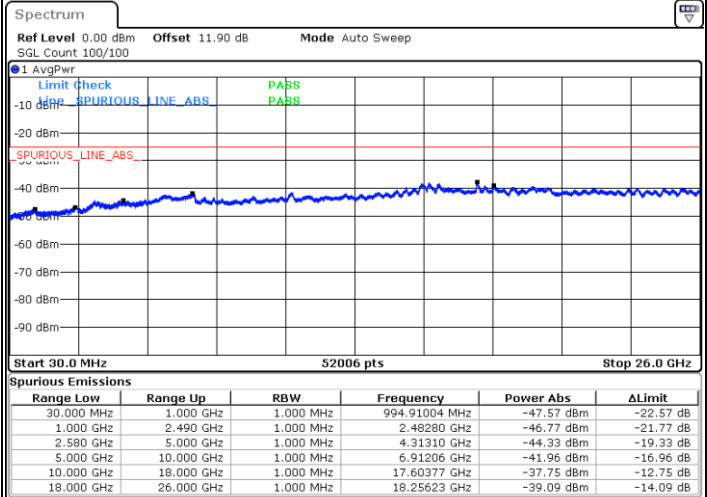
LTE Band 7 / 15MHz

Lowest Channel / QPSK



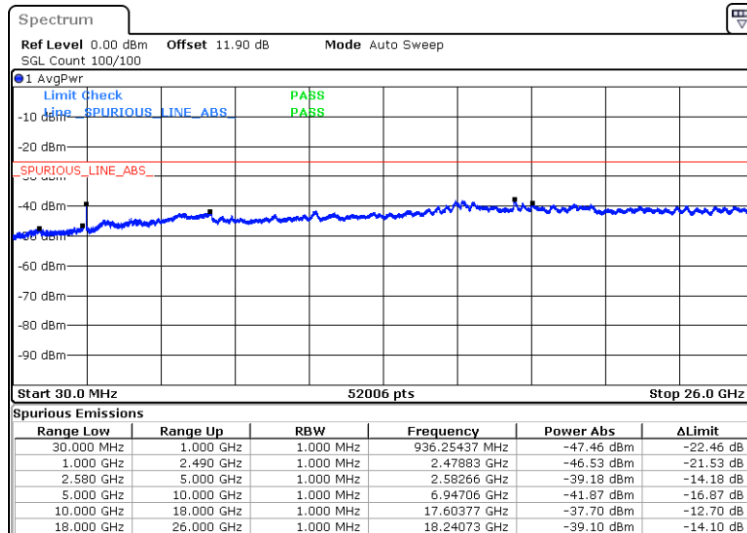
Date: 7.JUL.2021 09:18:48

Middle Channel / QPSK



Date: 7.JUL.2021 09:21:14

Highest Channel / QPSK

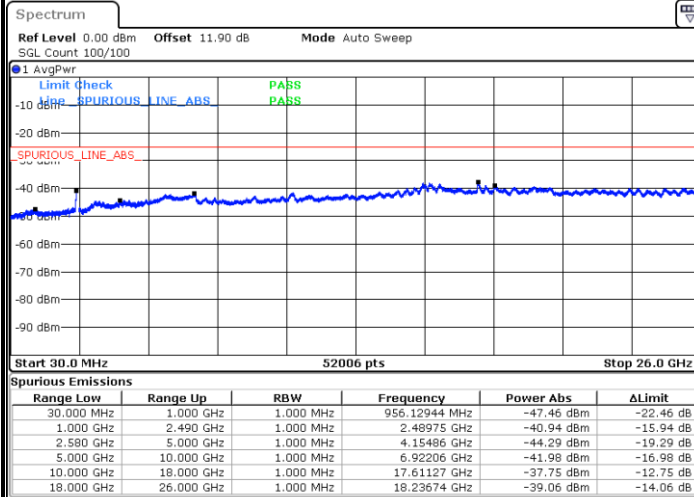


Date: 7.JUL.2021 09:24:07



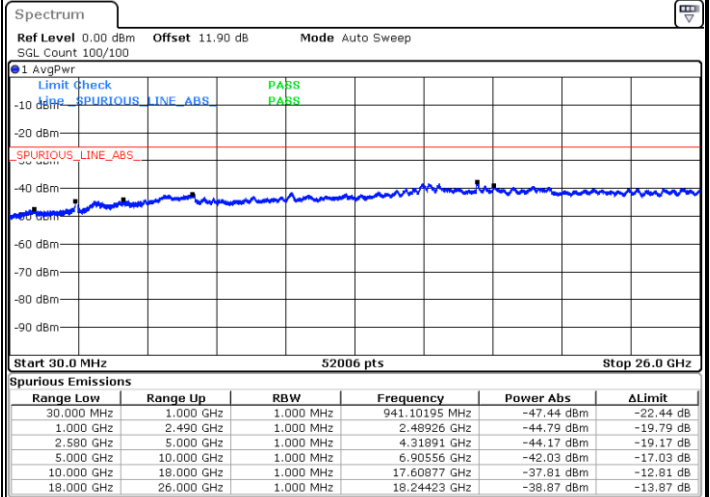
LTE Band 7 / 20MHz

Lowest Channel / QPSK



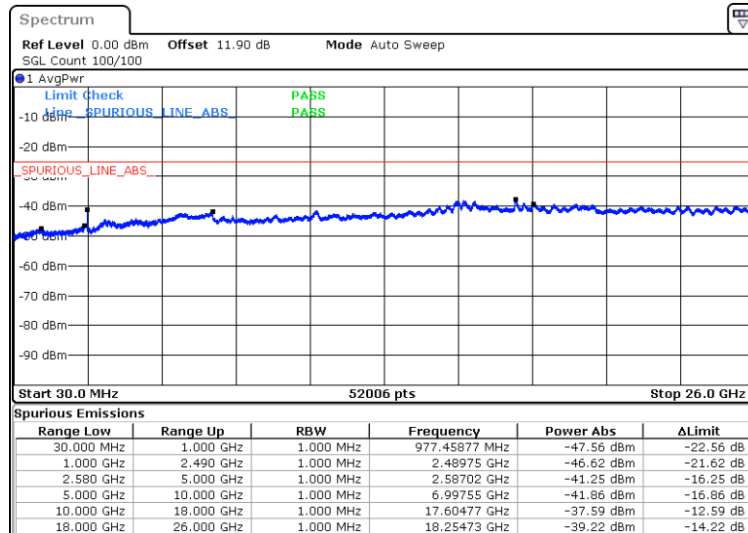
Date: 7.JUL.2021 09:30:20

Middle Channel / QPSK



Date: 7.JUL.2021 09:32:47

Highest Channel / QPSK



Date: 7.JUL.2021 09:35:39

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	0.0010	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

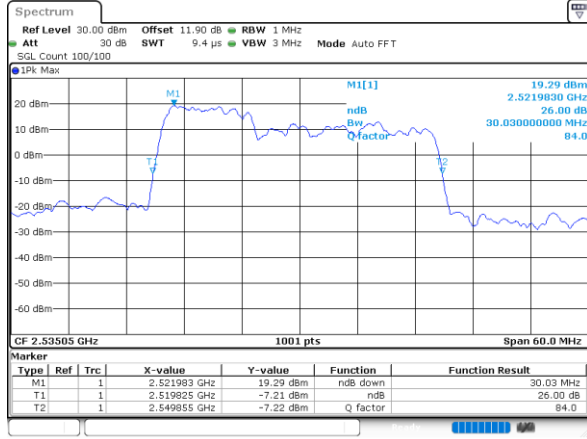
26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.03	26.17	31.41	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.45	35.11	39.96	

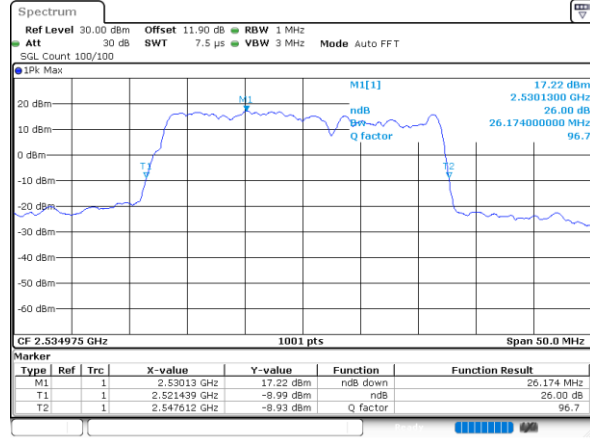
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.09	25.67	30.81	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	35.11	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.27	25.28	30.63	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.97	39.80	

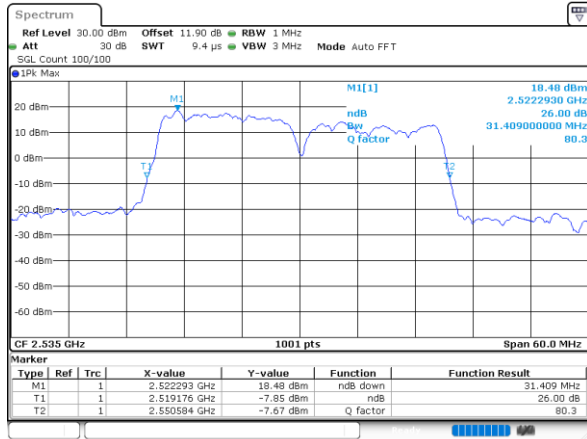
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.67	25.33	30.63	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	35.59	40.04	

LTE Band 7C
QPSK
Middle Channel / 10MHz+20MHz


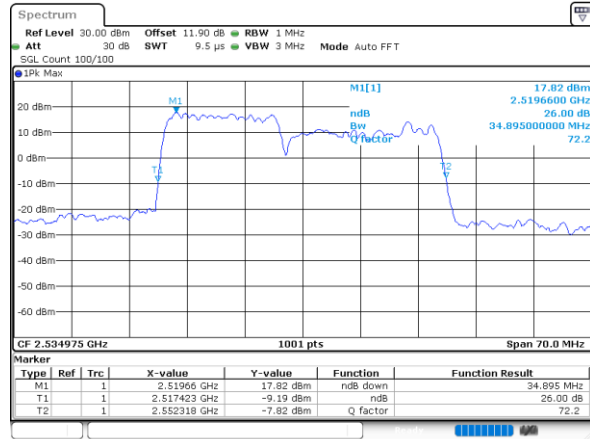
Date: 19 JUN 2021 06:12:45

Middle Channel / 15MHz+10MHz


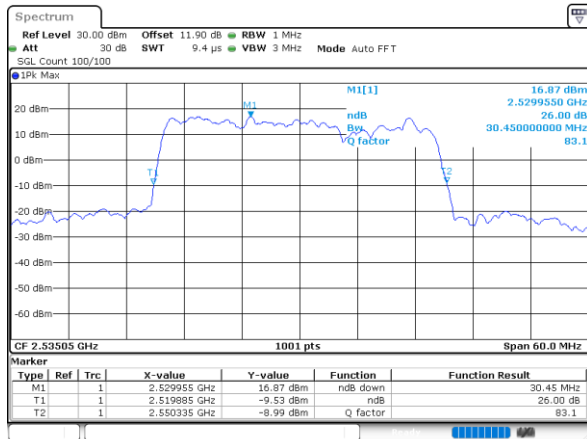
Date: 22 JUN 2021 02:11:25

Middle Channel / 15MHz+15MHz


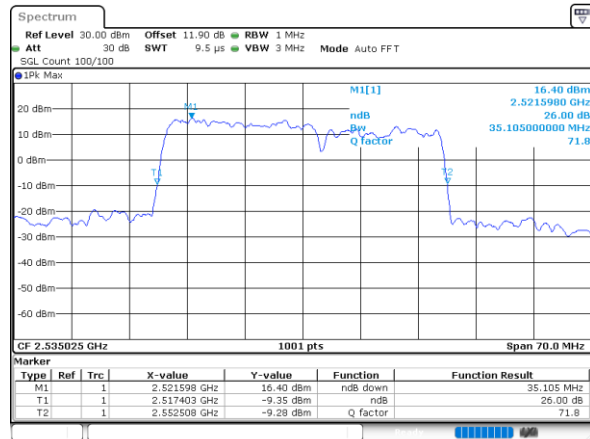
Date: 19 JUN 2021 07:24:39

Middle Channel / 15MHz+20MHz


Date: 19 JUN 2021 08:02:42

Middle Channel / 20MHz+10MHz


Date: 19 JUN 2021 06:44:53

Middle Channel / 20MHz+15MHz


Date: 22 JUN 2021 01:05:55

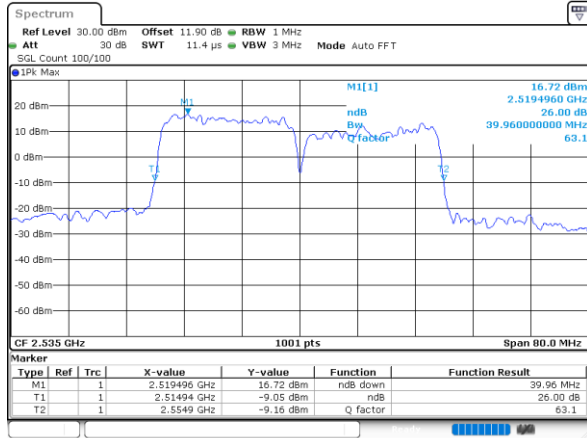


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

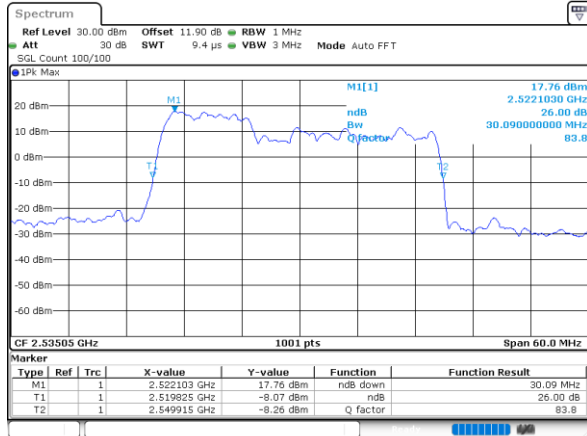




LTE Band 7C

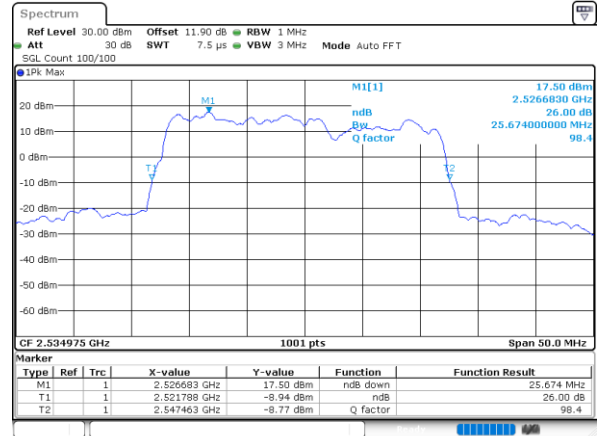
16QAM

Middle Channel / 10MHz+20MHz



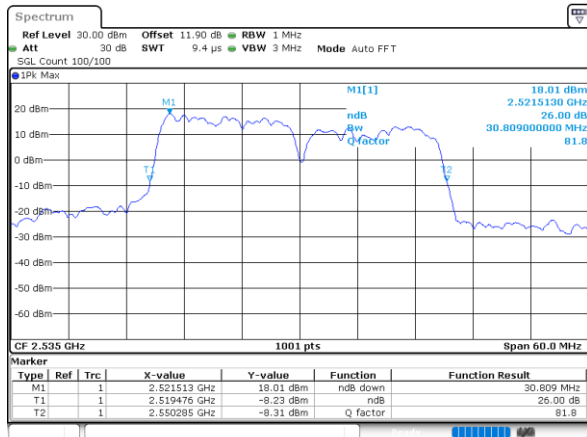
Date: 19 JUN 2021 06:12:15

Middle Channel / 15MHz+10MHz



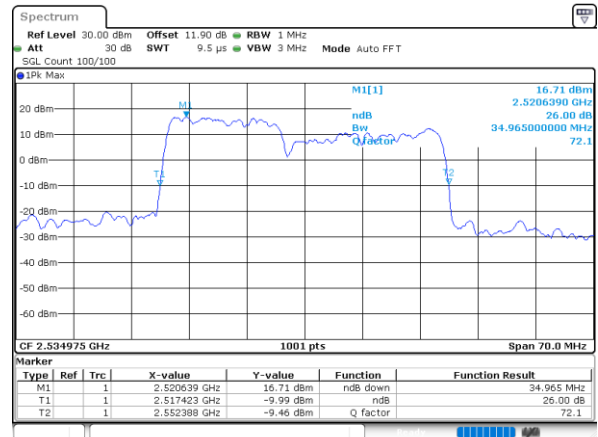
Date: 22 JUN 2021 02:10:54

Middle Channel / 15MHz+15MHz



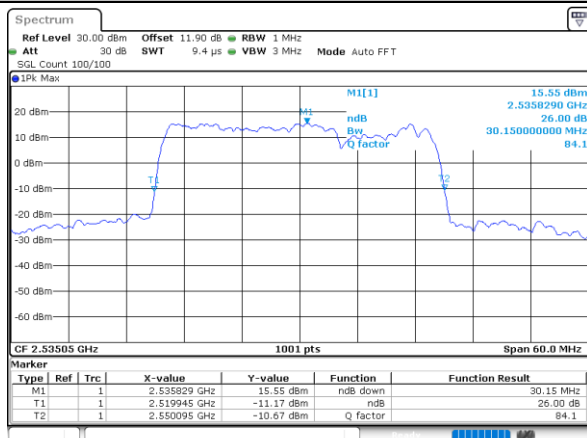
Date: 19 JUN 2021 07:24:08

Middle Channel / 15MHz+20MHz



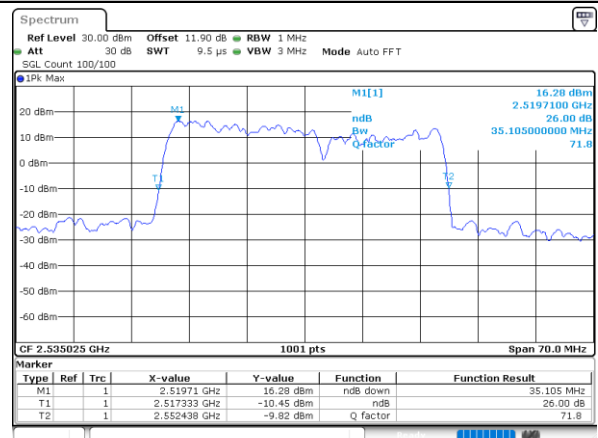
Date: 19 JUN 2021 08:02:12

Middle Channel / 20MHz+10MHz



Date: 19 JUN 2021 06:44:23

Middle Channel / 20MHz+15MHz



Date: 22 JUN 2021 01:05:24

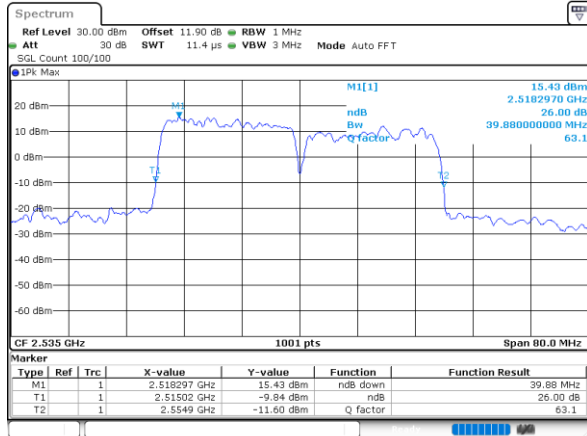


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

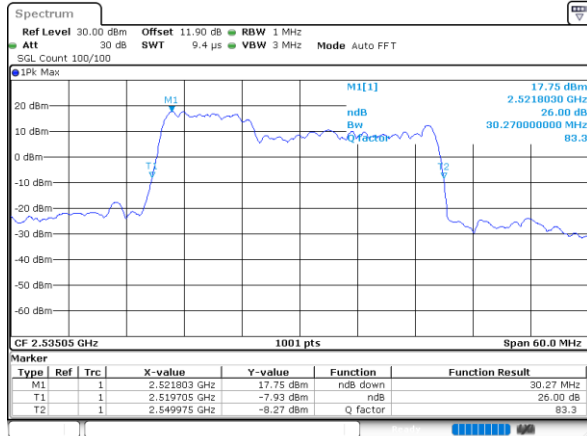




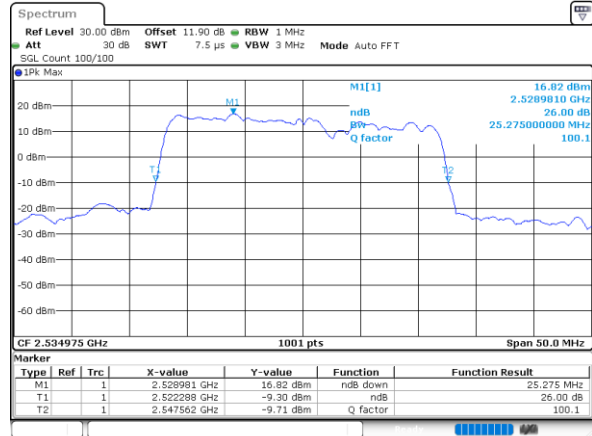
LTE Band 7C

64QAM

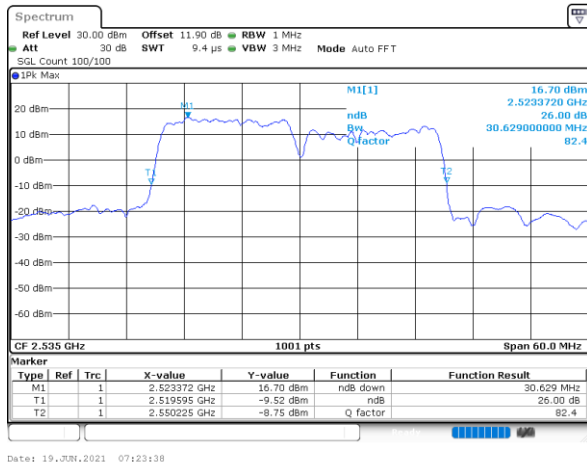
Middle Channel / 10MHz+20MHz



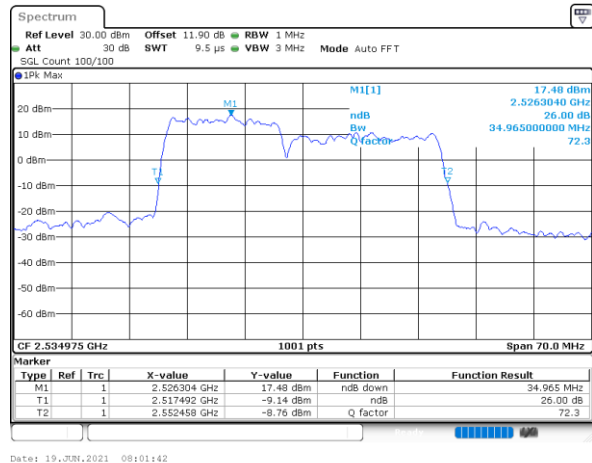
Middle Channel / 15MHz+10MHz



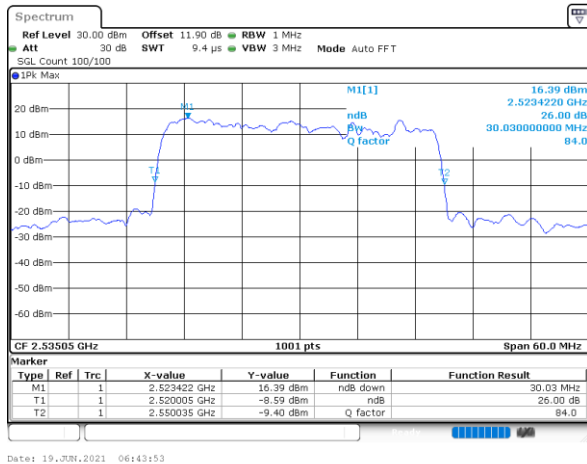
Middle Channel / 15MHz+15MHz



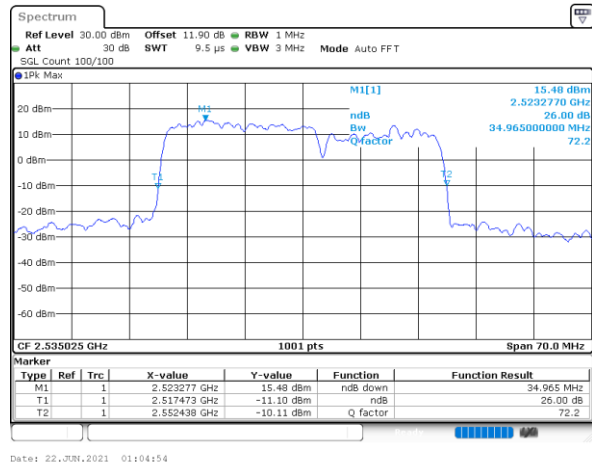
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



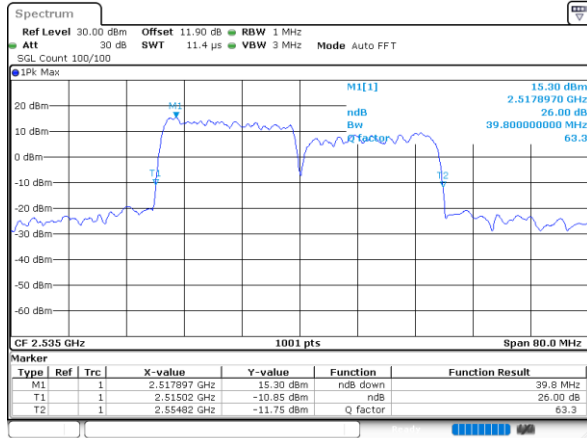


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A

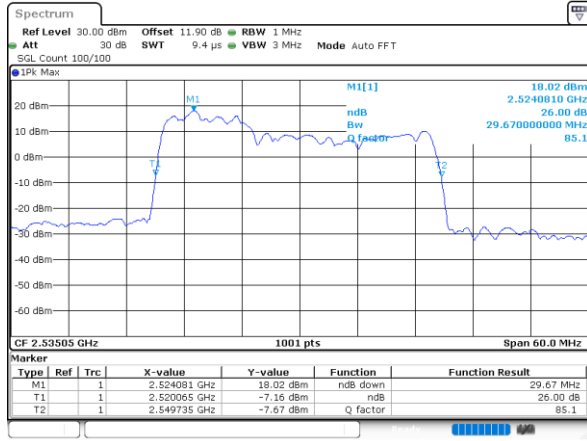




LTE Band 7C

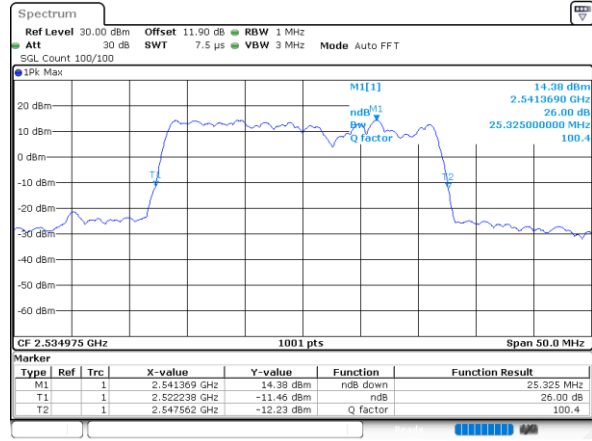
256QAM

Middle Channel / 10MHz+20MHz



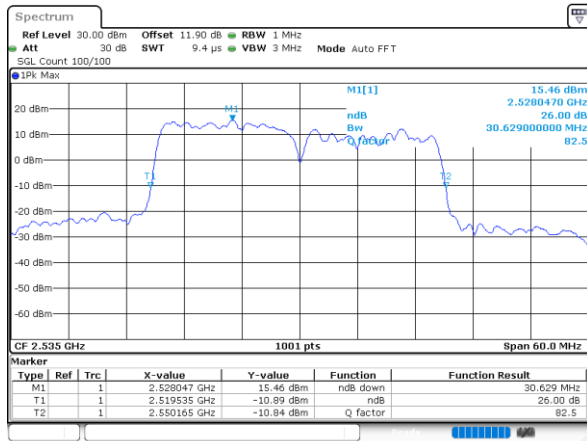
Date: 19 JUN 2021 06:13:15

Middle Channel / 15MHz+10MHz



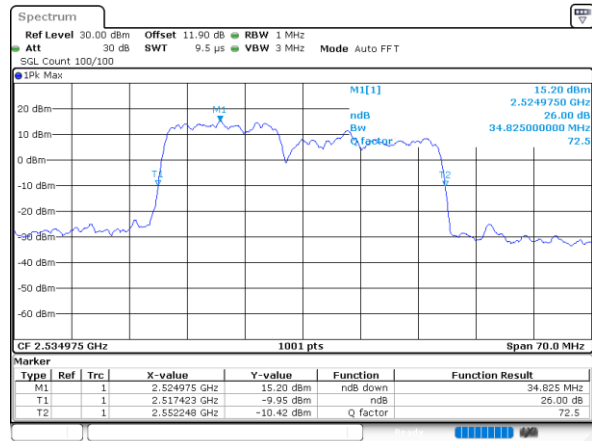
Date: 22 JUN 2021 02:11:55

Middle Channel / 15MHz+15MHz



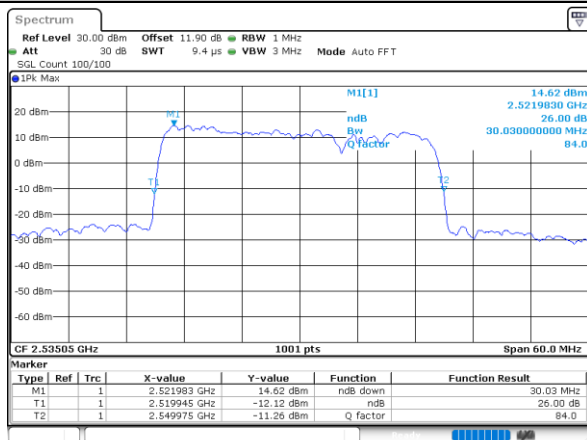
Date: 19 JUN 2021 07:25:09

Middle Channel / 15MHz+20MHz



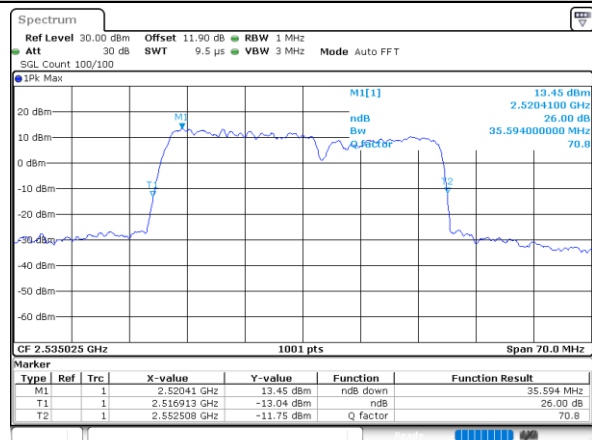
Date: 19 JUN 2021 08:03:12

Middle Channel / 20MHz+10MHz



Date: 19 JUN 2021 06:45:23

Middle Channel / 20MHz+15MHz



Date: 22 JUN 2021 01:06:25

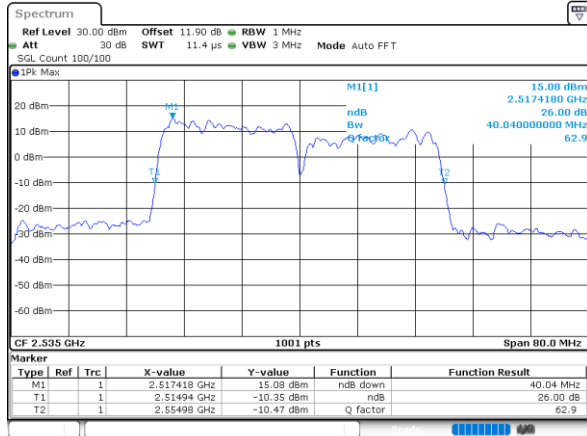


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.99	23.73	28.71	32.59
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	33.08	37.72	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.99	23.63	28.83	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.94	37.96	

Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.43	28.65	33.01
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.94	37.72	

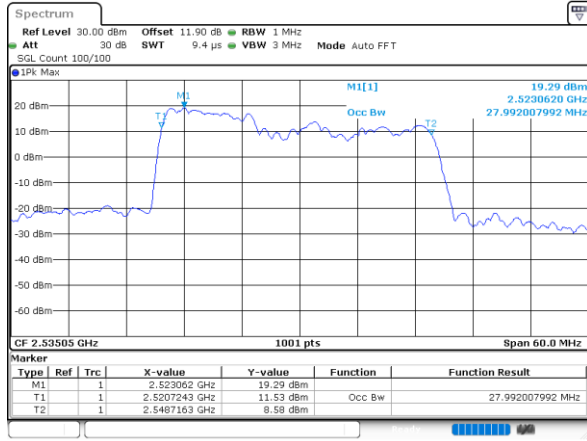
Mode	LTE Band 7C : 99%OBW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.99	23.68	28.53	33.15
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.17	32.80	37.96	



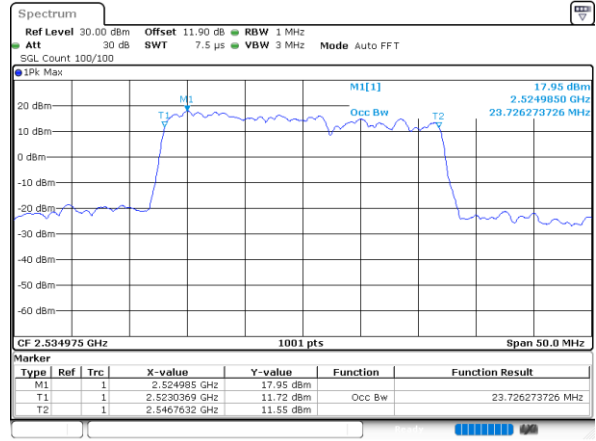
LTE Band 7C

QPSK

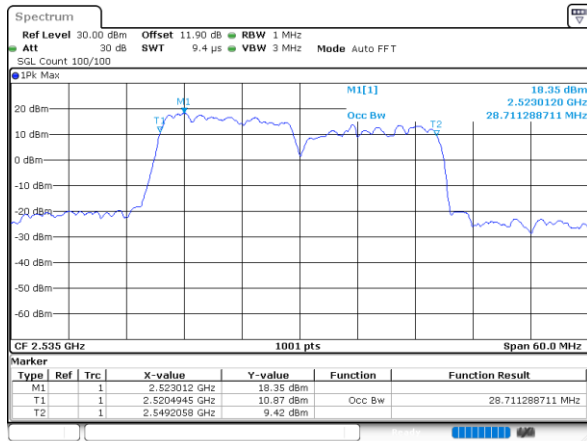
Middle Channel / 10MHz+20MHz



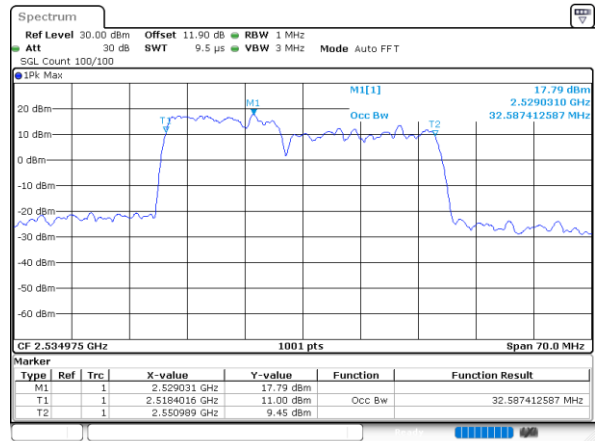
Middle Channel / 15MHz+10MHz



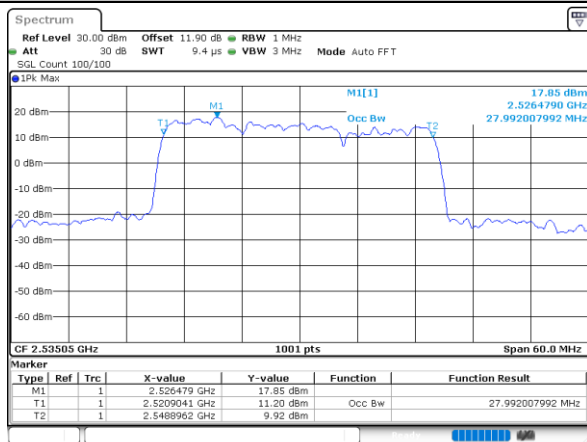
Middle Channel / 15MHz+15MHz



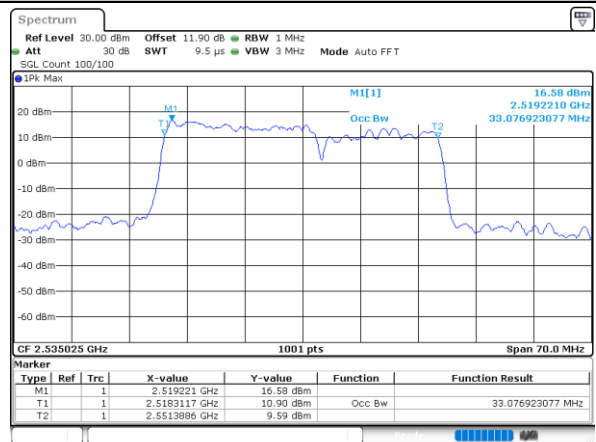
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



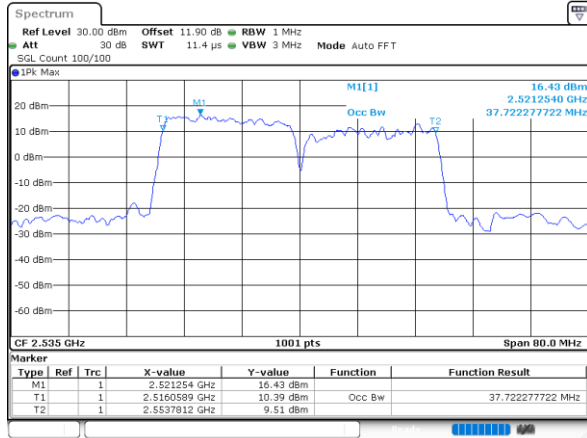


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

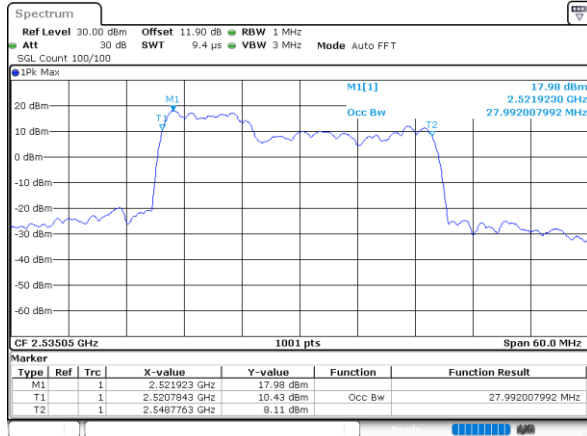




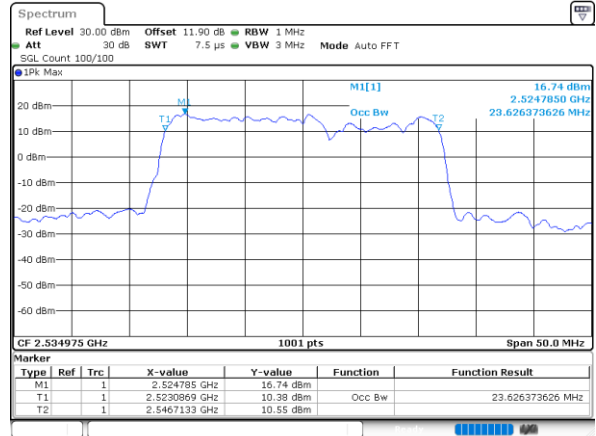
LTE Band 7C

16QAM

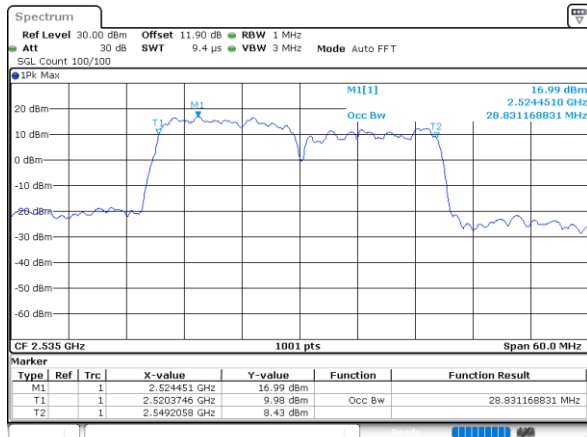
Middle Channel / 10MHz+20MHz



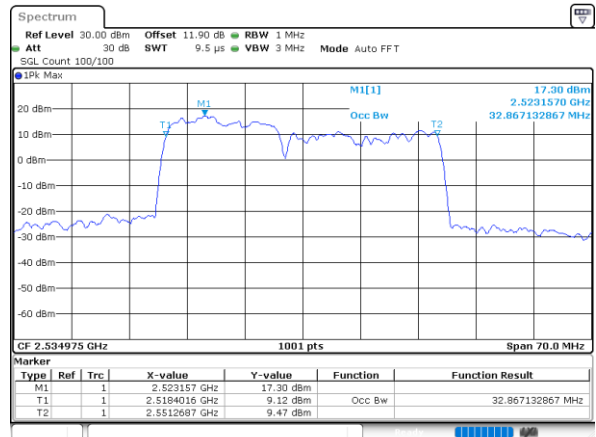
Middle Channel / 15MHz+10MHz



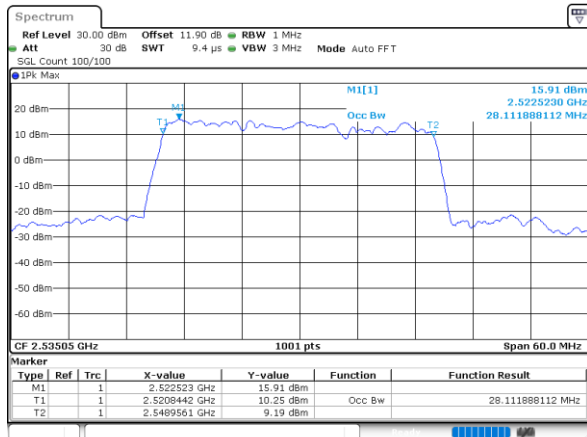
Middle Channel / 15MHz+15MHz



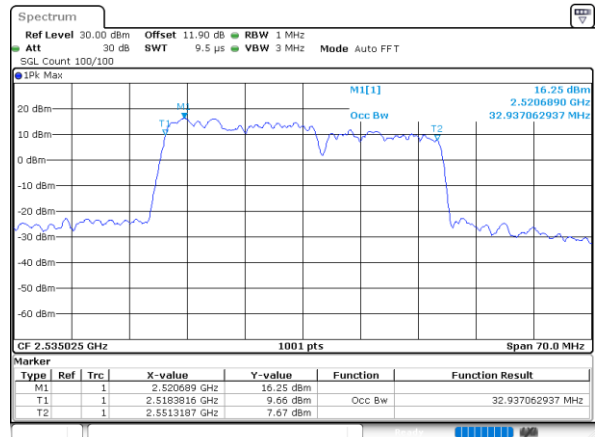
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



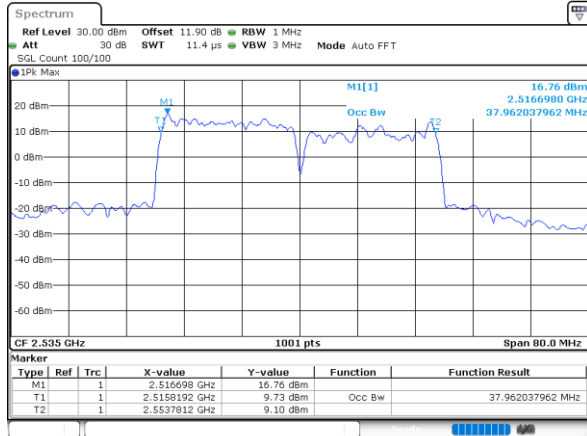


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

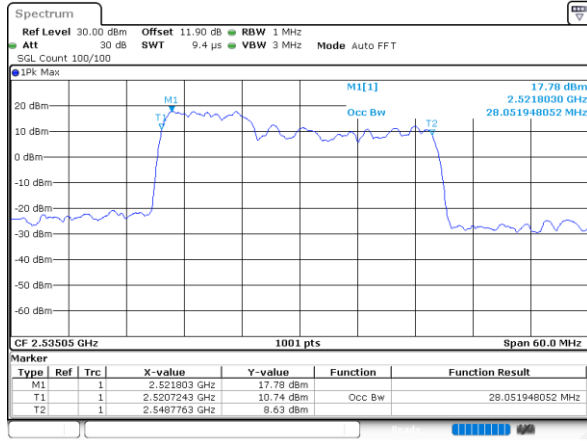




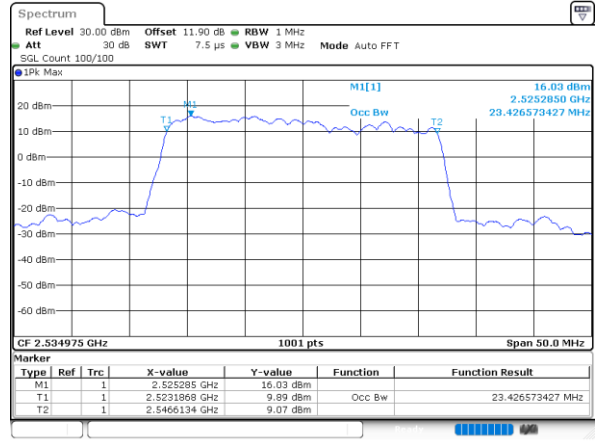
LTE Band 7C

64QAM

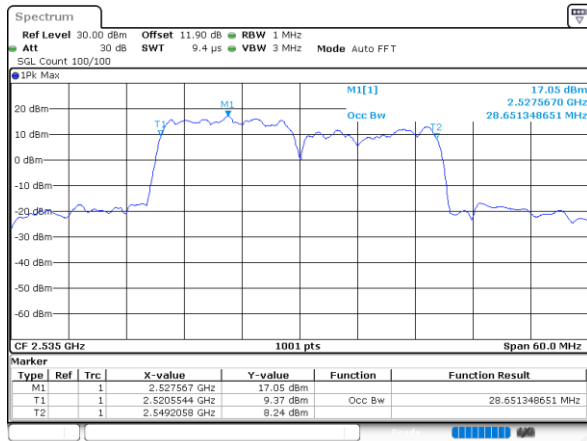
Middle Channel / 10MHz+20MHz



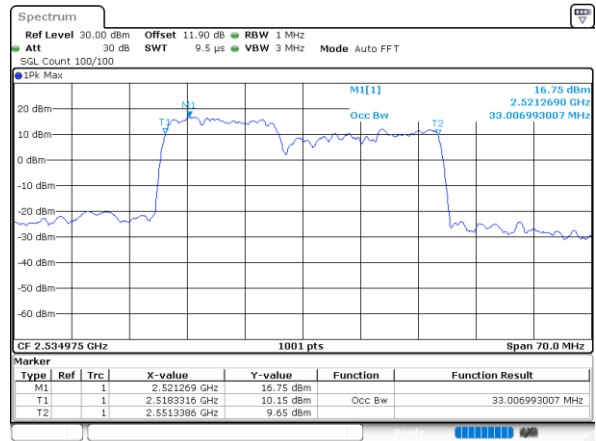
Middle Channel / 15MHz+10MHz



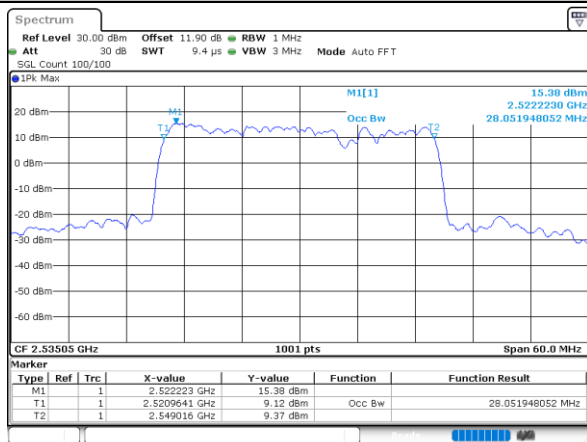
Middle Channel / 15MHz+15MHz



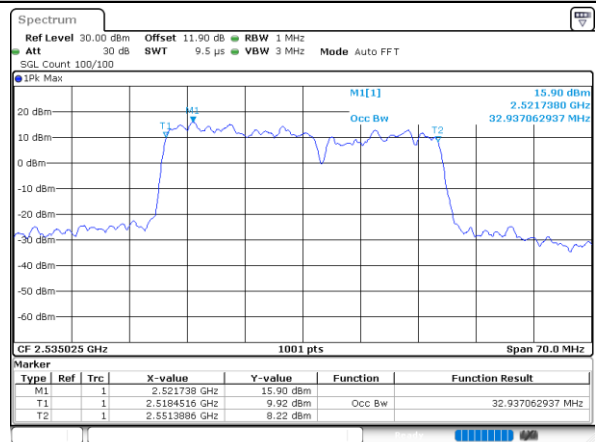
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



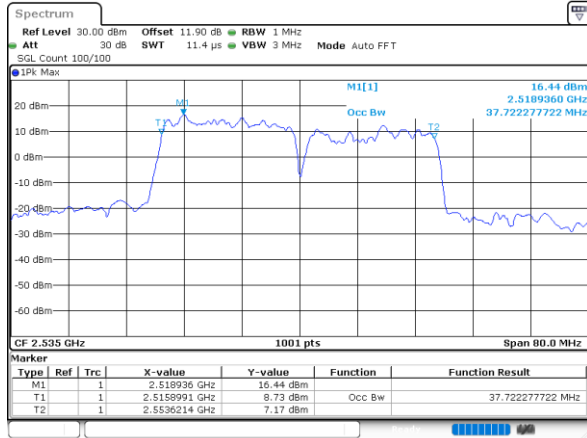


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A

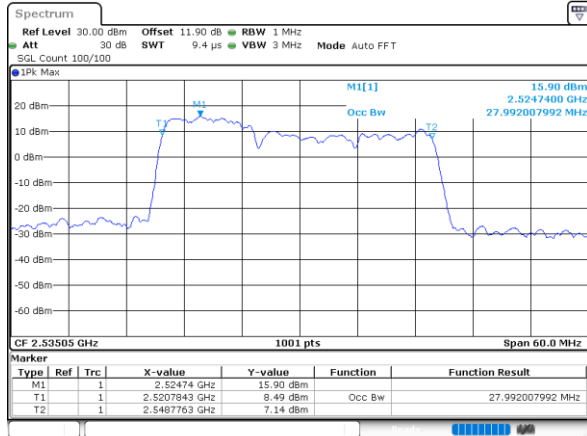




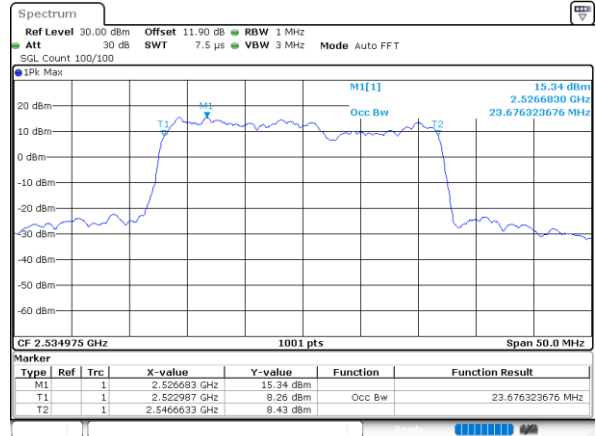
LTE Band 7C

256QAM

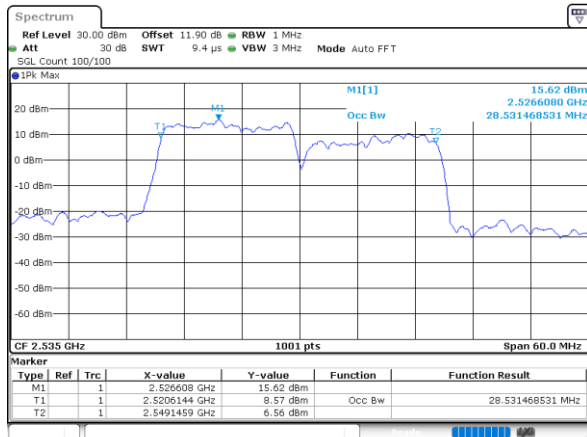
Middle Channel / 10MHz+20MHz



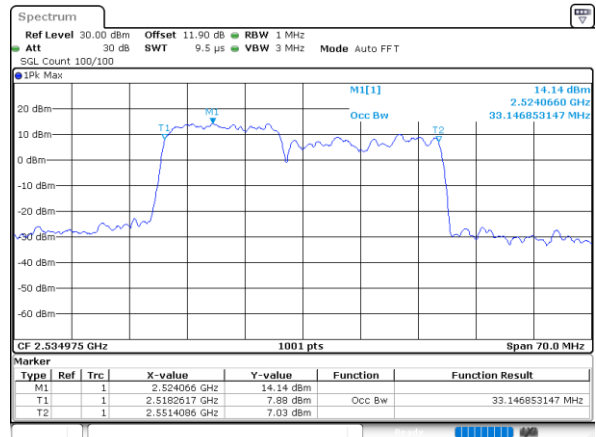
Middle Channel / 15MHz+10MHz



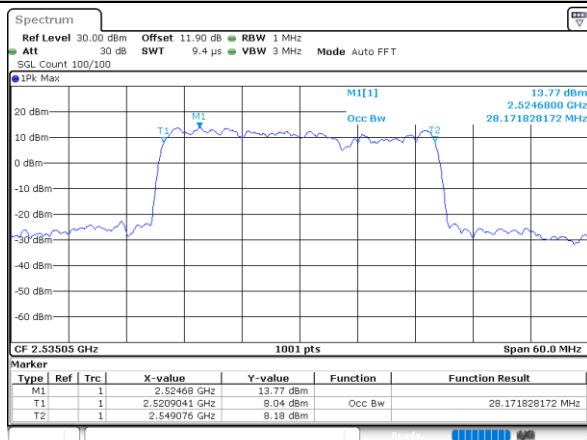
Middle Channel / 15MHz+15MHz



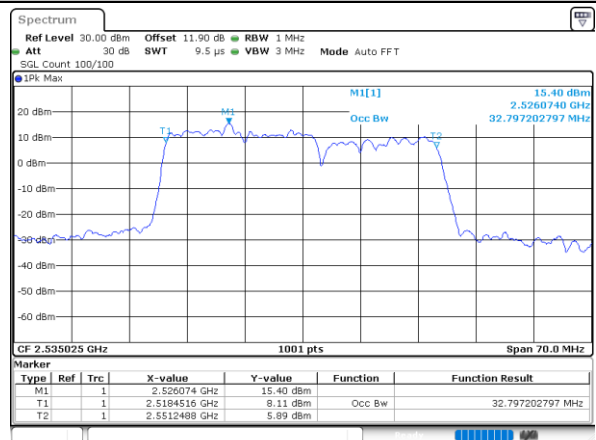
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



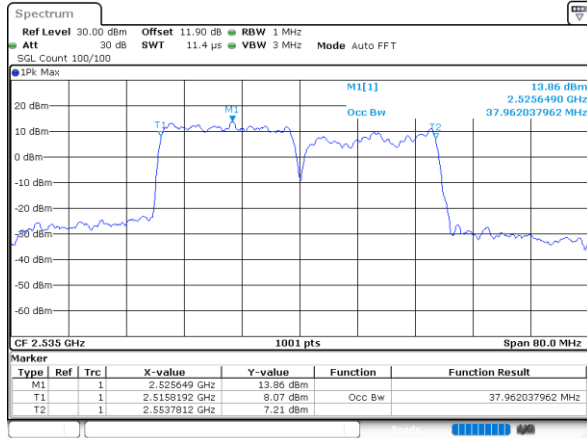


LTE Band 7C

256QAM

Middle Channel / 20MHz+20MHz

N/A



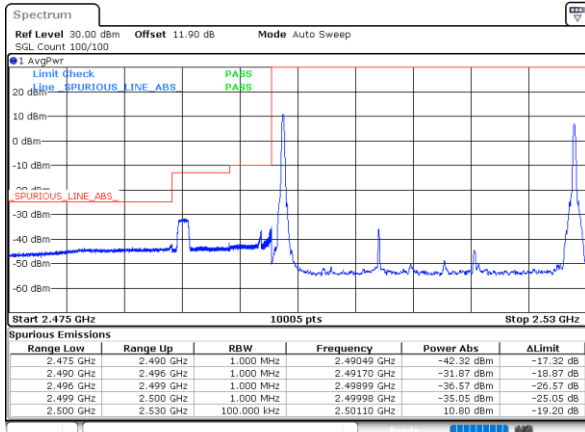


Conducted Band Edge

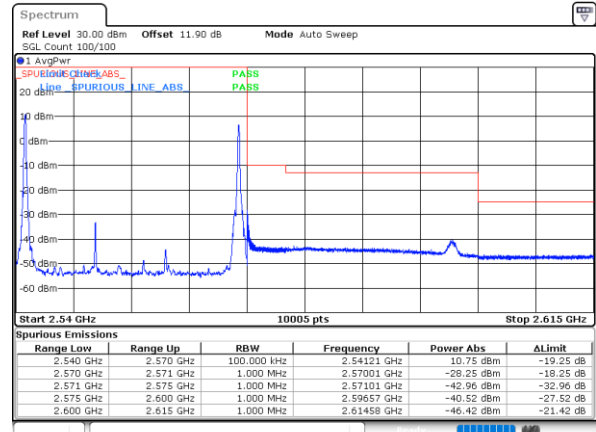
LTE Band 7C / 10MHz+20MHz

QPSK

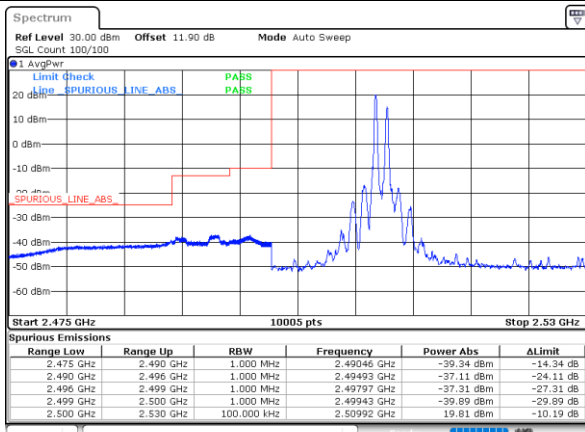
Lowest Band Edge / 1RB0 and 1RB99



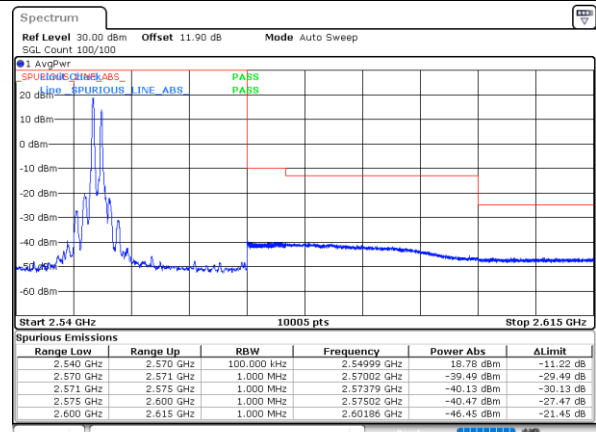
Highest Band Edge / 1RB0 and 1RB99



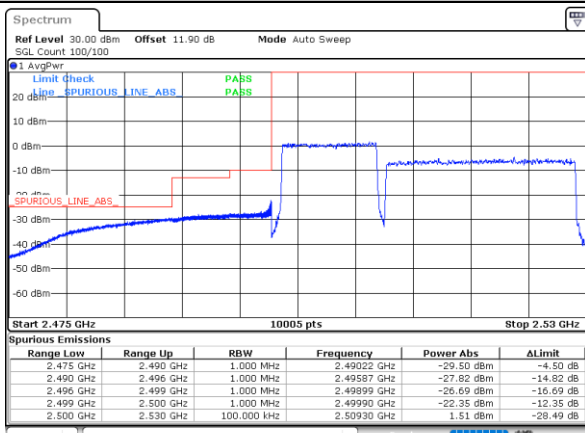
Lowest Band Edge / 1RB49 and 1RB0



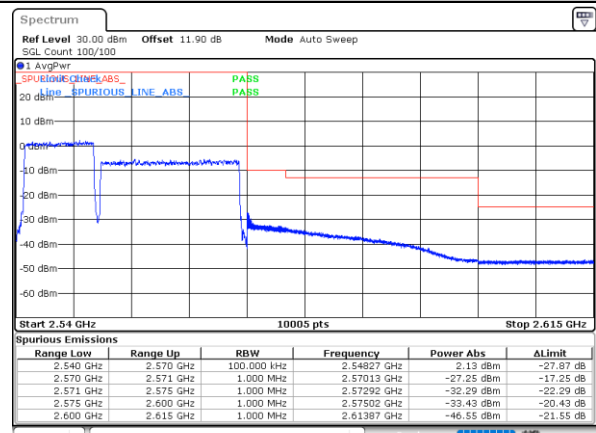
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

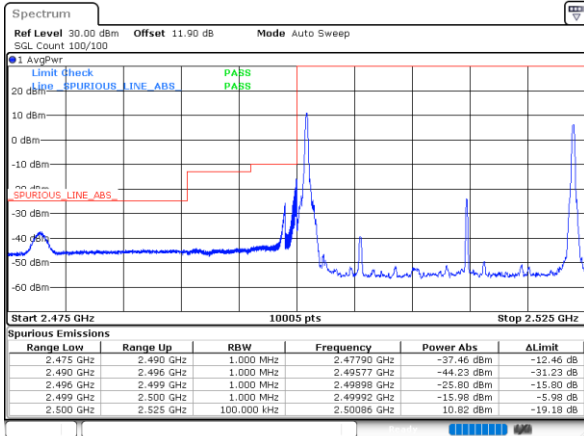




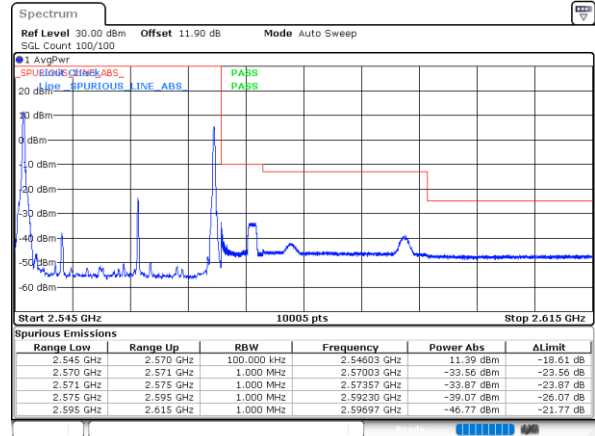
LTE Band 7C / 15MHz+10MHz

QPSK

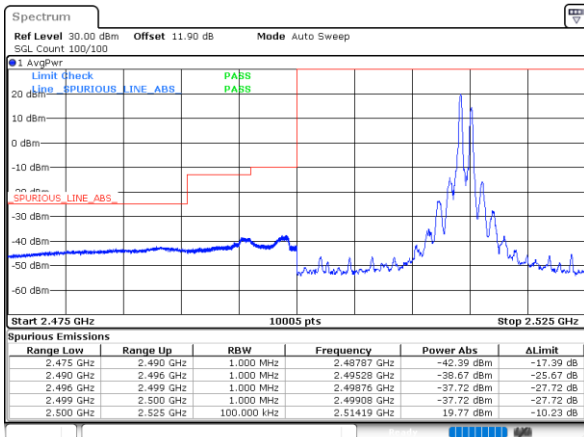
Lowest Band Edge / 1RB0 and 1RB49



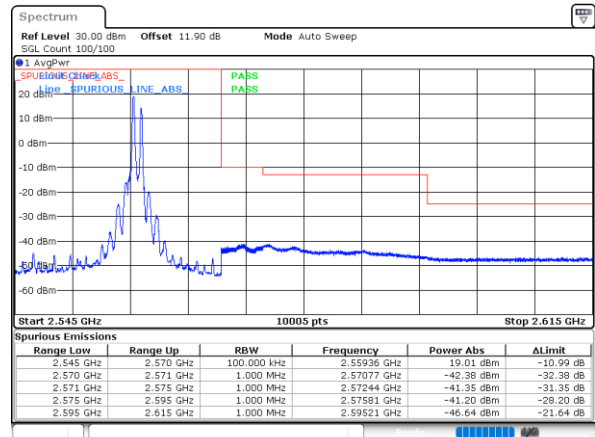
Highest Band Edge / 1RB0 and 1RB49



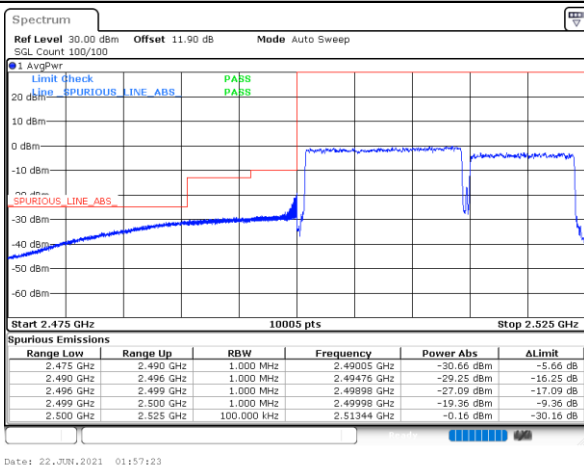
Lowest Band Edge / 1RB74 and 1RB0



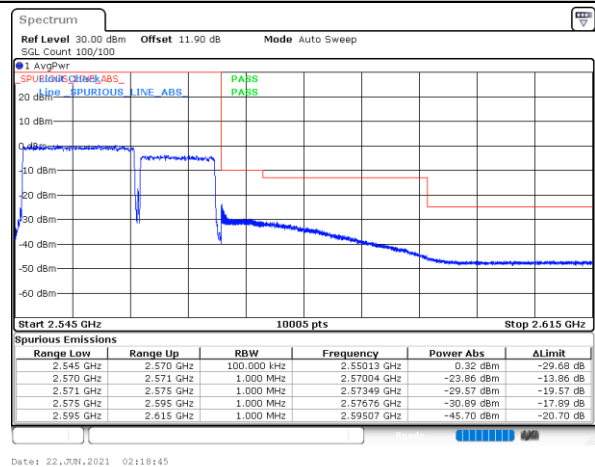
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

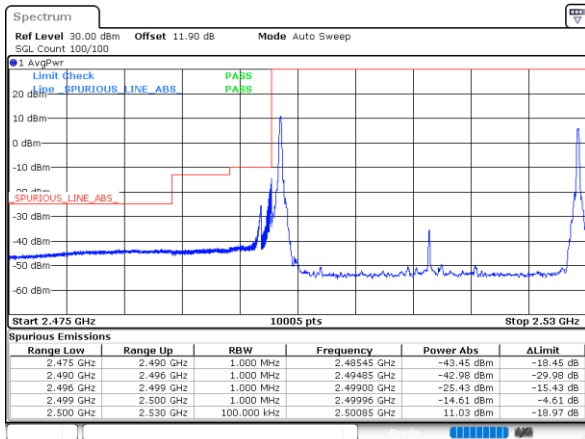




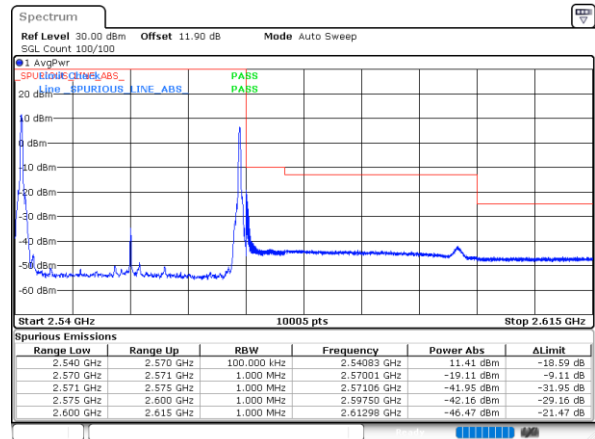
LTE Band 7C / 15MHz+15MHz

QPSK

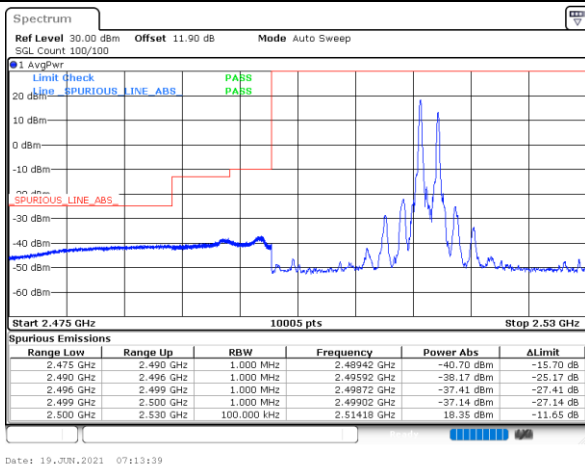
Lowest Band Edge / 1RB0 and 1RB74



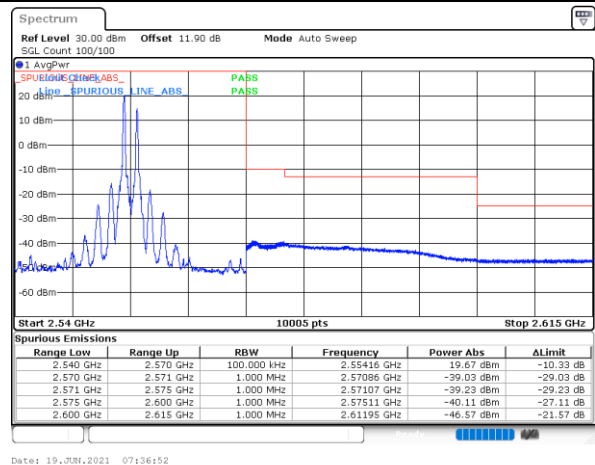
Highest Band Edge / 1RB0 and 1RB74



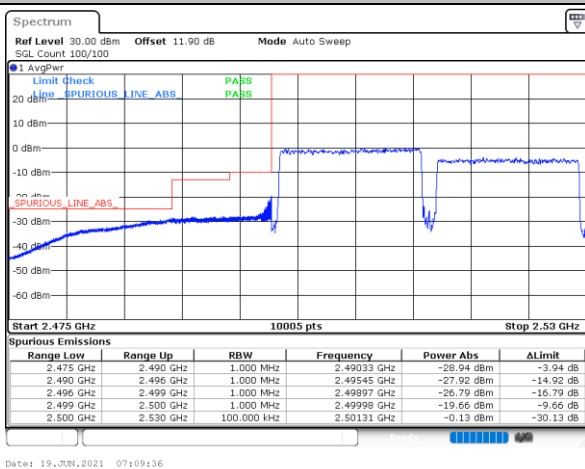
Lowest Band Edge / 1RB74 and 1RB0



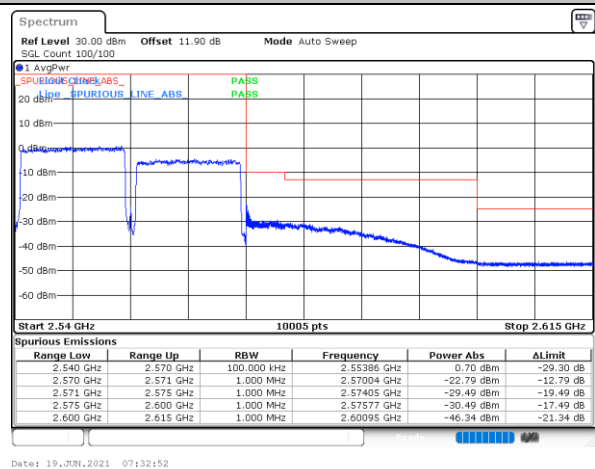
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

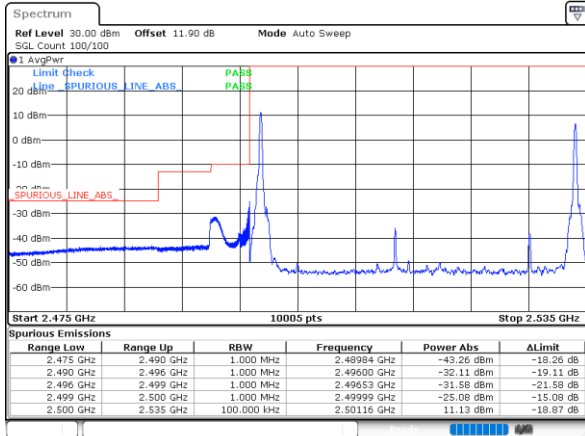




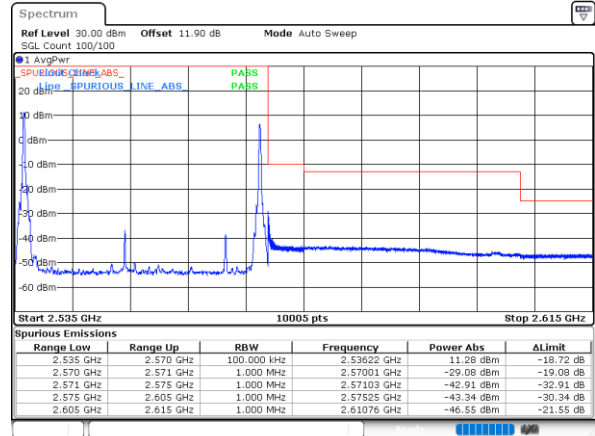
LTE Band 7C / 15MHz+20MHz

QPSK

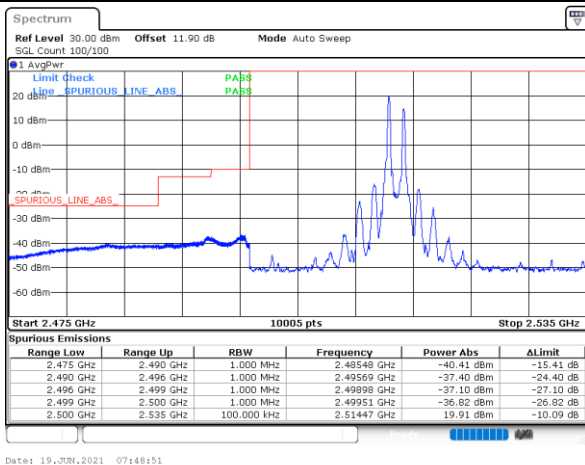
Lowest Band Edge / 1RB0 and 1RB99



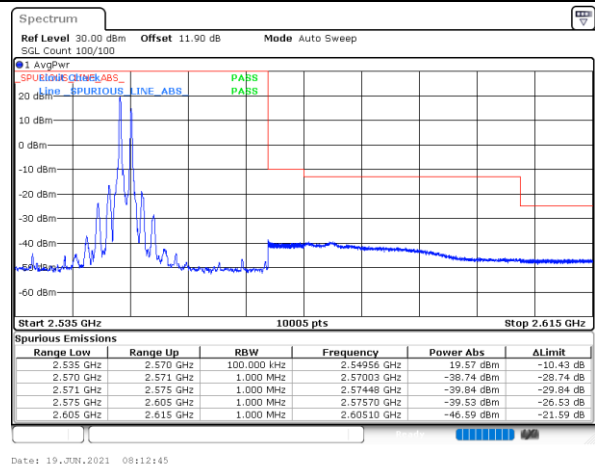
Highest Band Edge / 1RB0 and 1RB99



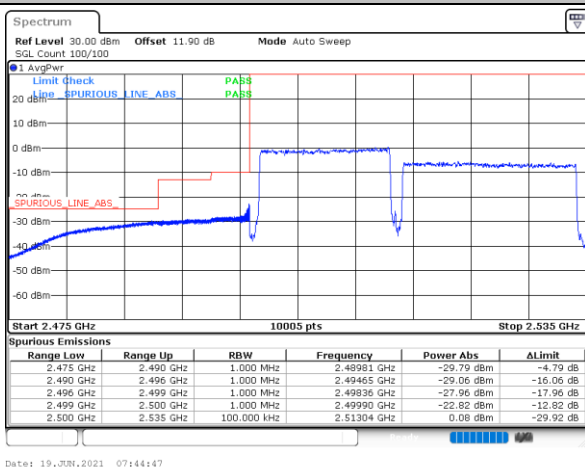
Lowest Band Edge / 1RB74 and 1RB0



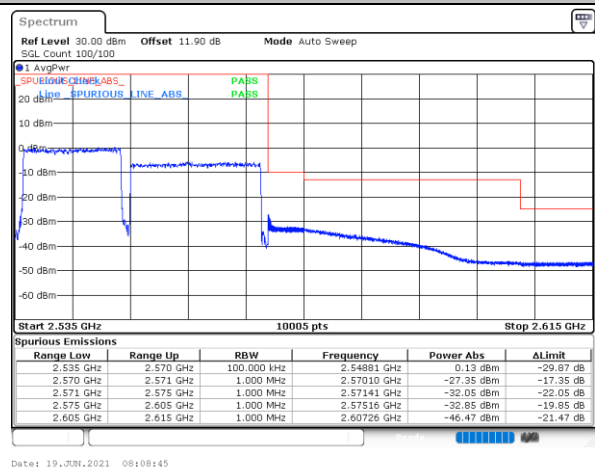
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

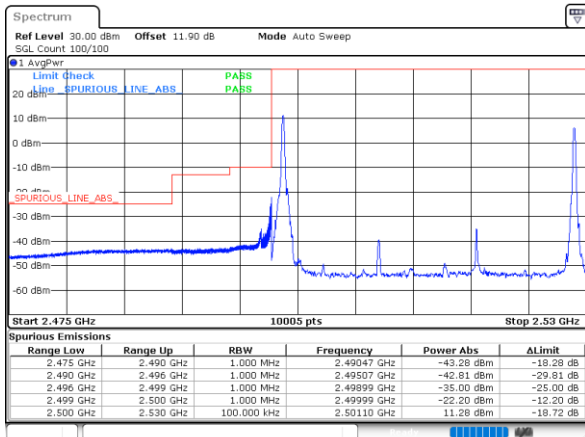




LTE Band 7C / 20MHz+10MHz

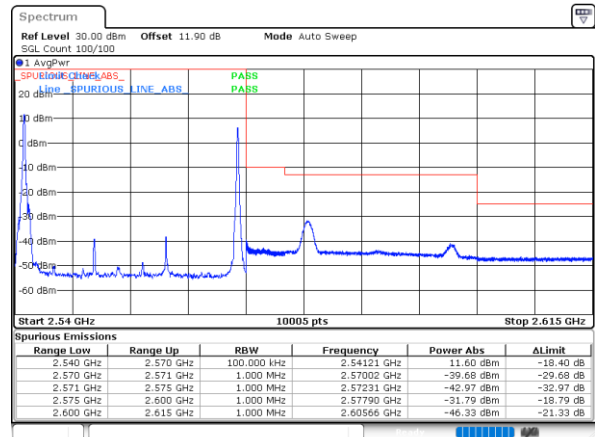
QPSK

Lowest Band Edge / 1RB0 and 1RB49



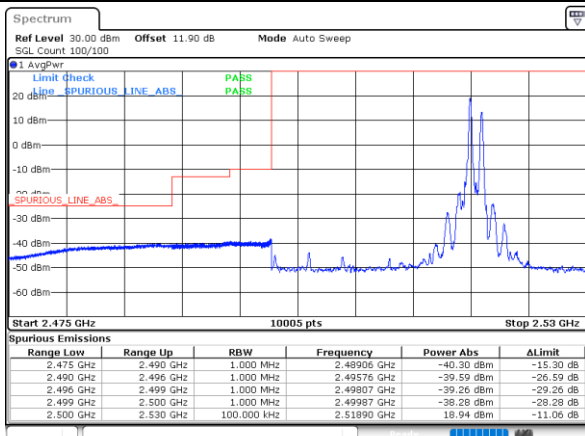
Date: 19 JUN 2021 06:33:44

Highest Band Edge / 1RB0 and 1RB49



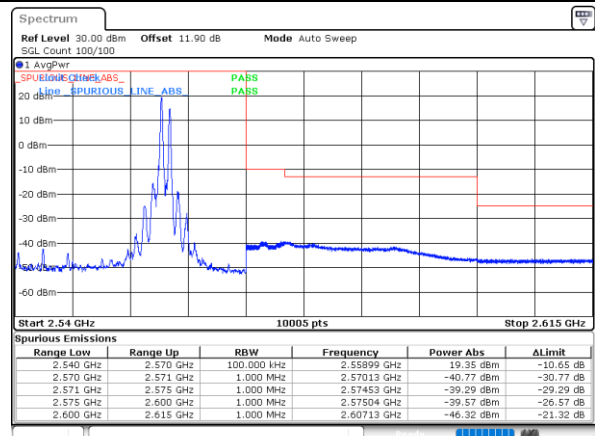
Date: 19 JUN 2021 06:58:15

Lowest Band Edge / 1RB99 and 1RB0



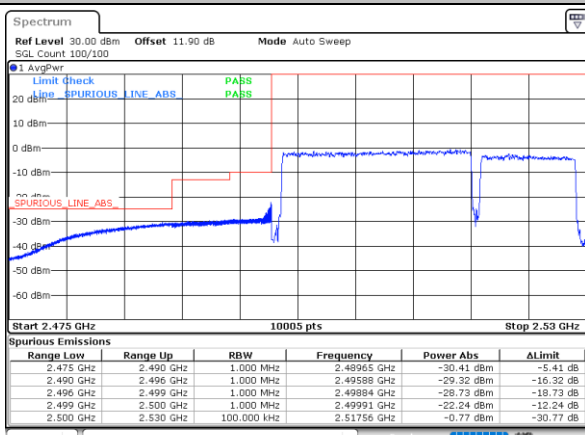
Date: 19 JUN 2021 06:34:19

Highest Band Edge / 1RB99 and 1RB0



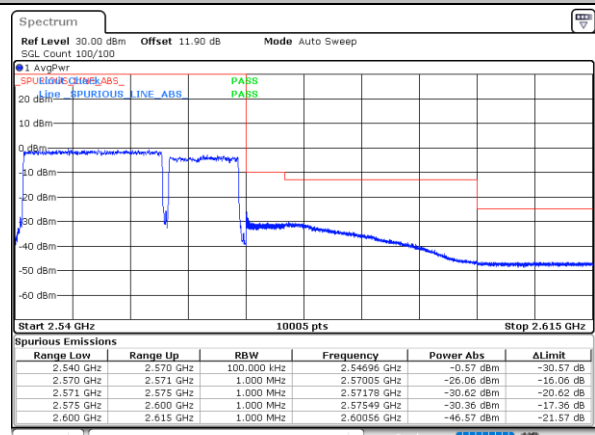
Date: 19 JUN 2021 07:01:35

Lowest Band Edge / Full RB



Date: 19 JUN 2021 06:30:47

Highest Band Edge / Full RB



Date: 19 JUN 2021 06:57:34