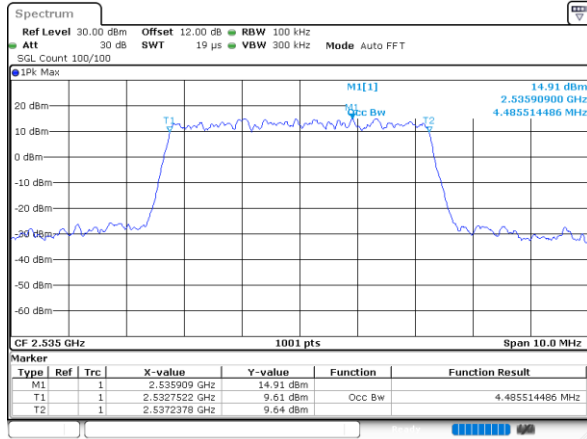


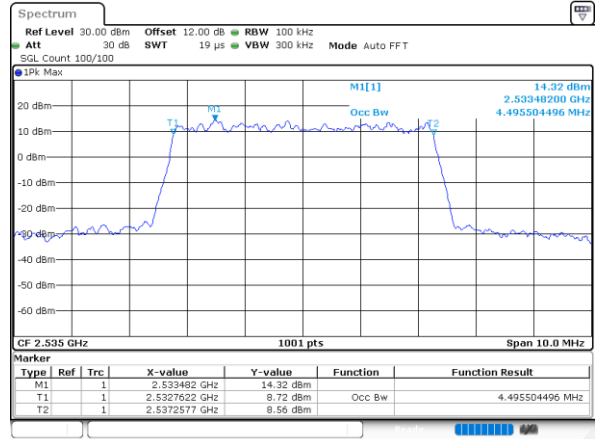


LTE Band 7

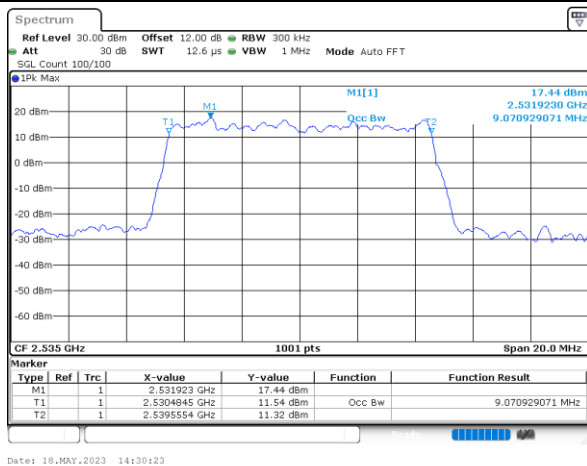
Middle Channel / 5MHz / QPSK



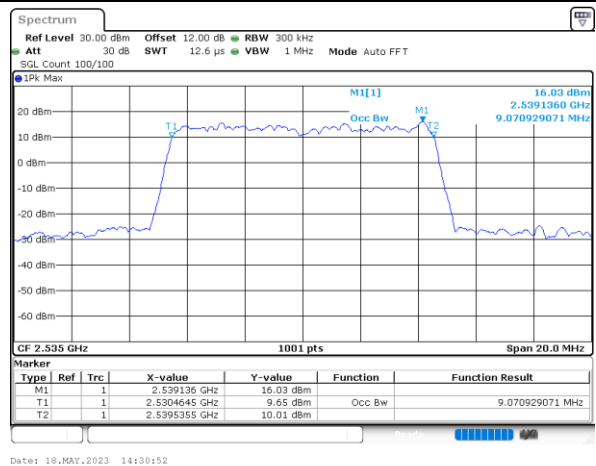
Middle Channel / 5MHz / 16QAM



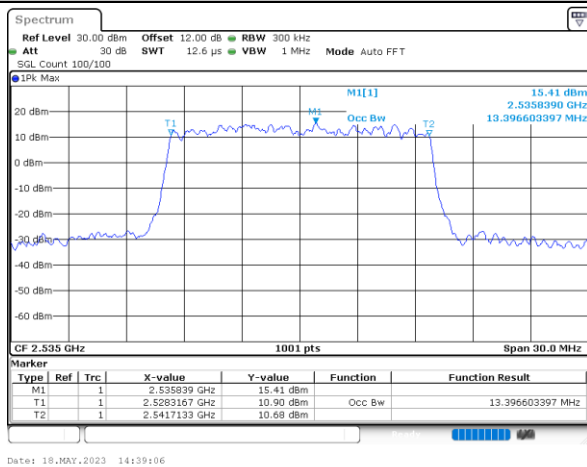
Middle Channel / 10MHz / QPSK



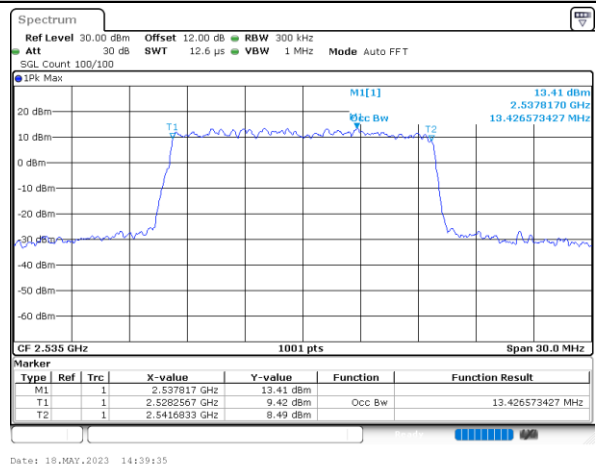
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



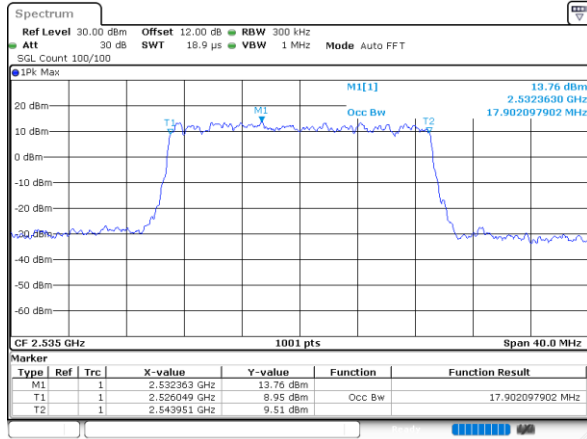
Middle Channel / 15MHz / 16QAM





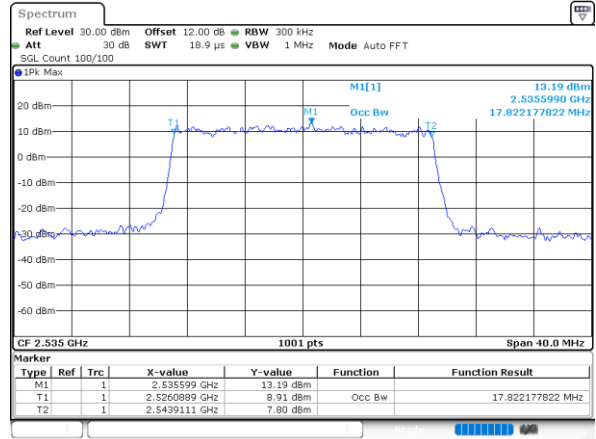
LTE Band 7

Middle Channel / 20MHz / QPSK



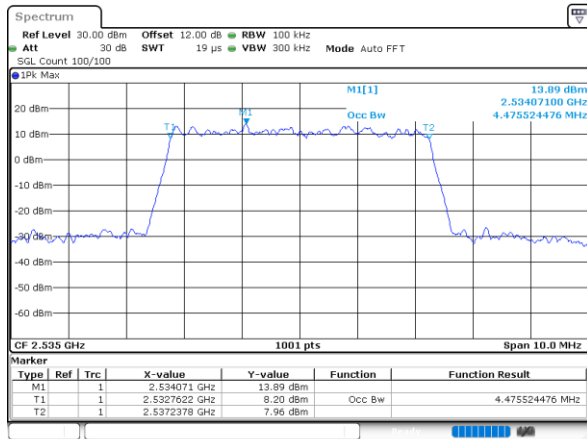
Date: 18.MAY.2023 14:47:47

Middle Channel / 20MHz / 16QAM



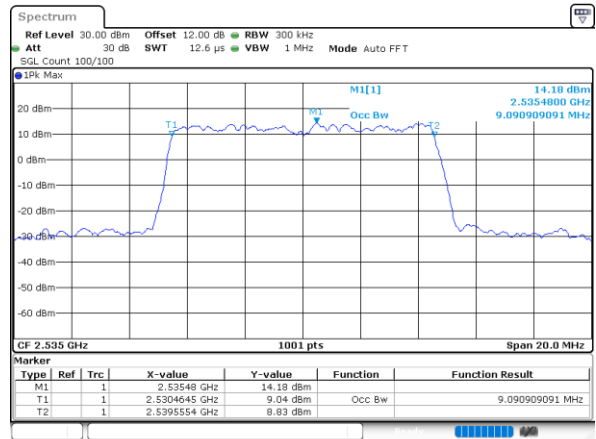
Date: 18.MAY.2023 14:48:16

Middle Channel / 5MHz / 64QAM



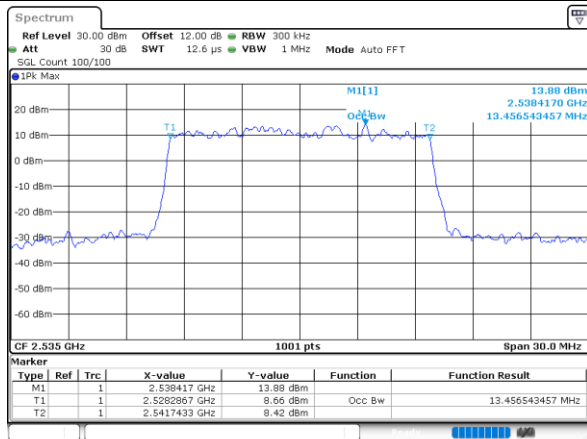
Date: 18.MAY.2023 14:25:06

Middle Channel / 10MHz / 64QAM



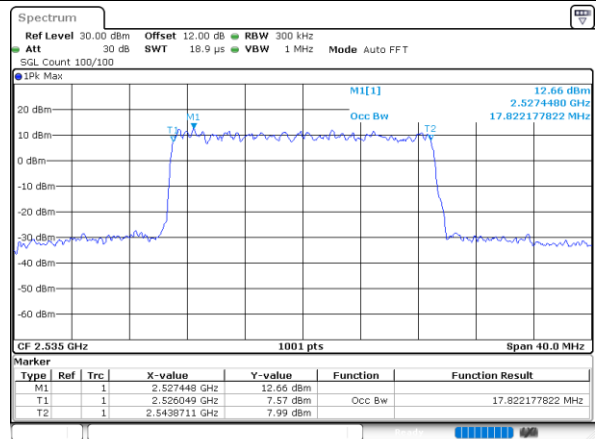
Date: 18.MAY.2023 14:35:16

Middle Channel / 15MHz / 64QAM

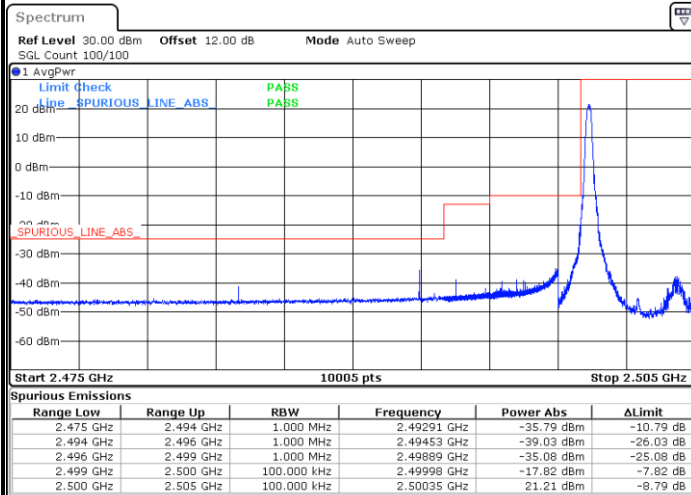


Date: 18.MAY.2023 14:44:00

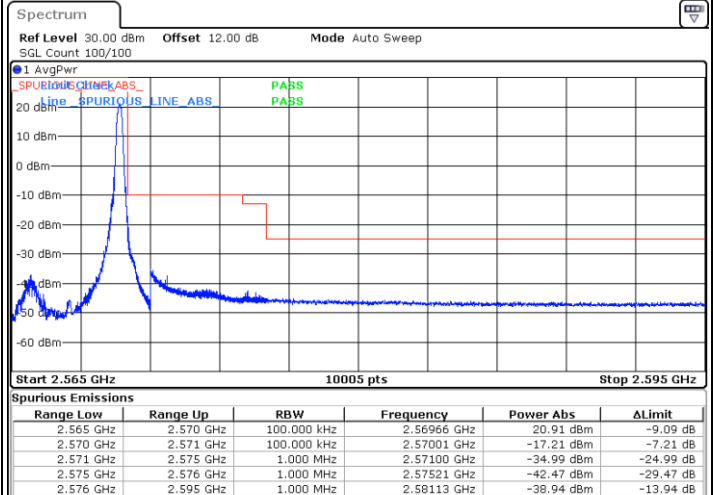
Middle Channel / 20MHz / 64QAM



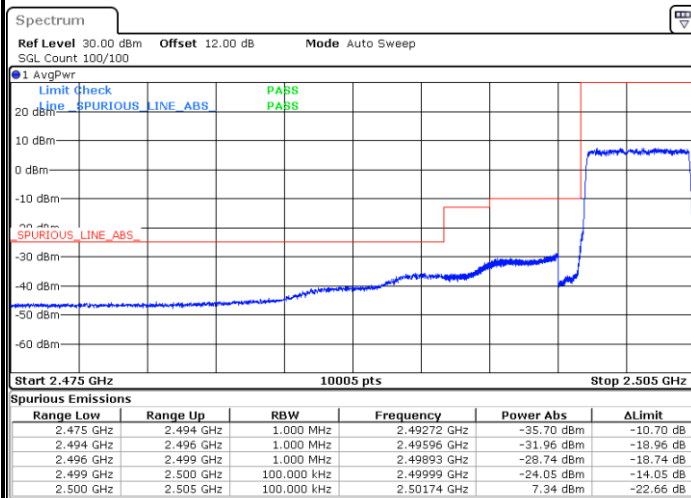
Date: 18.MAY.2023 14:52:42

**Conducted Band Edge****LTE Band 7 / 5MHz / QPSK****Lowest Band Edge / 1 RB**

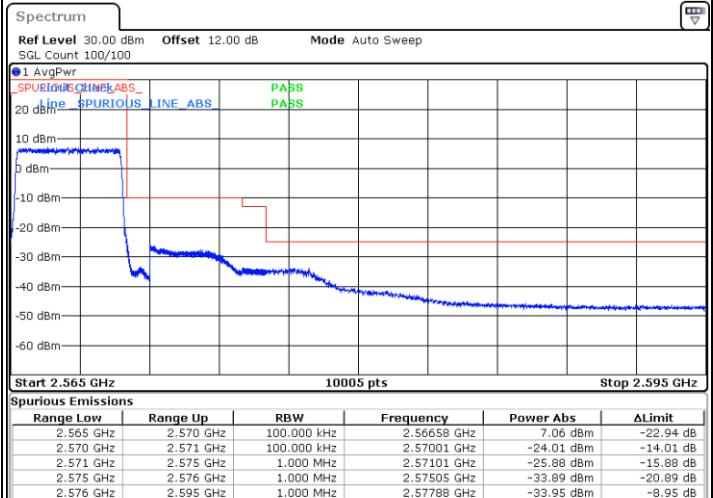
Date: 18.MAY.2023 14:10:49

Highest Band Edge / 1 RB

Date: 18.MAY.2023 14:18:59

Lowest Band Edge / Full RB

Date: 18.MAY.2023 14:12:49

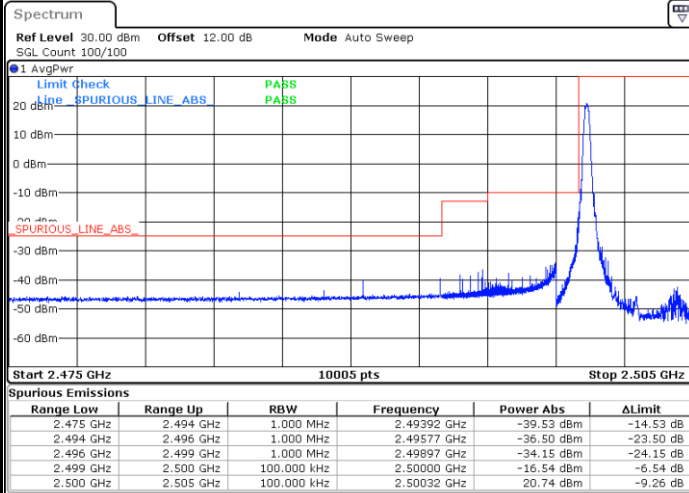
Highest Band Edge / Full RB

Date: 18.MAY.2023 14:20:58

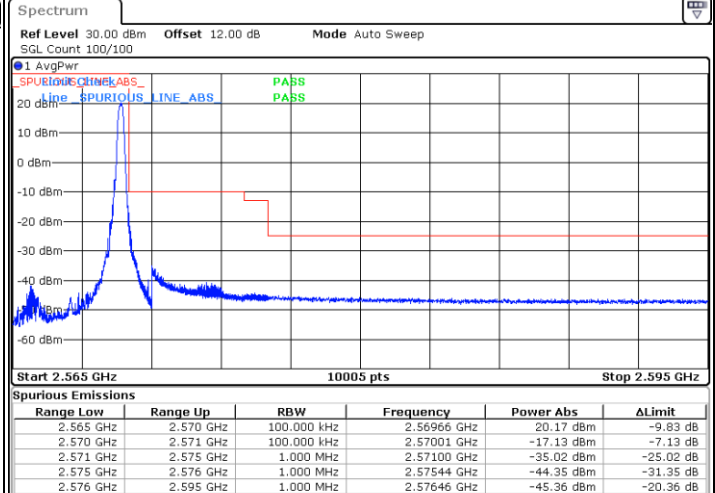


LTE Band 7 / 5MHz / 16QAM

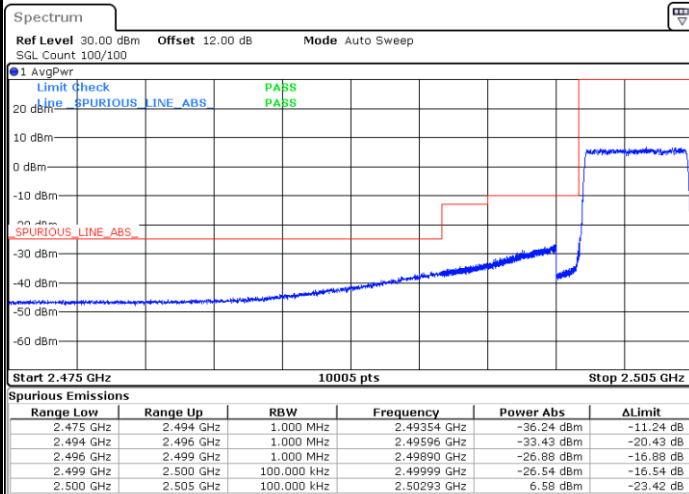
Lowest Band Edge / 1RB



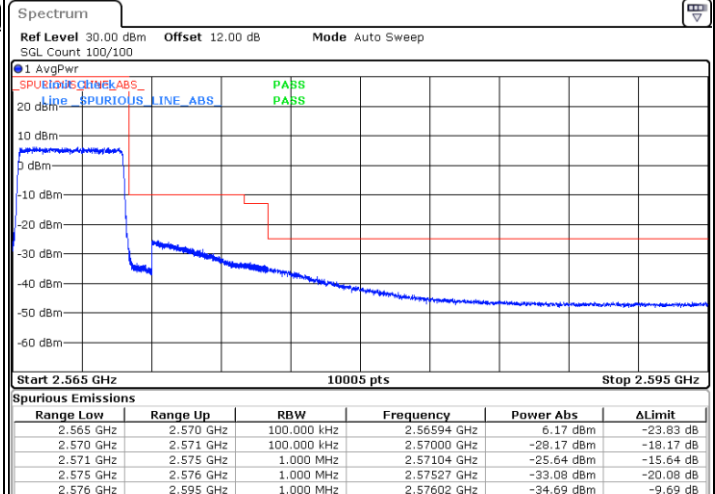
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



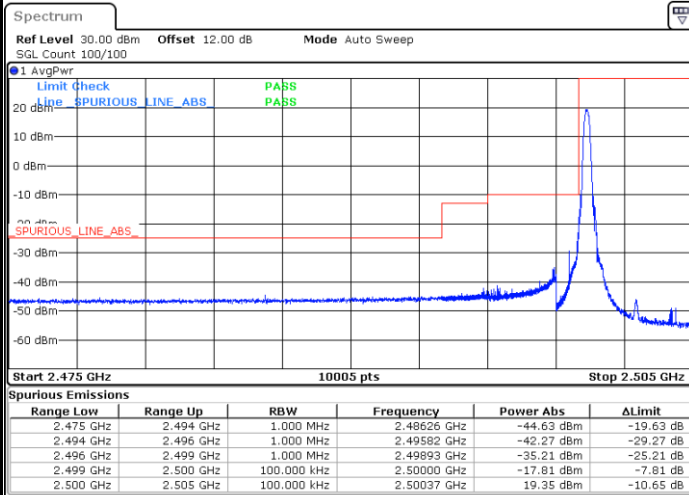
Highest Band Edge / Full RB



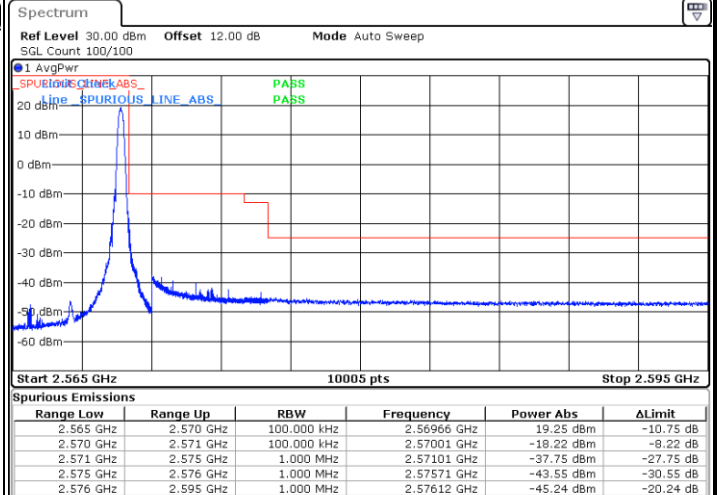


LTE Band 7 / 5MHz / 64QAM

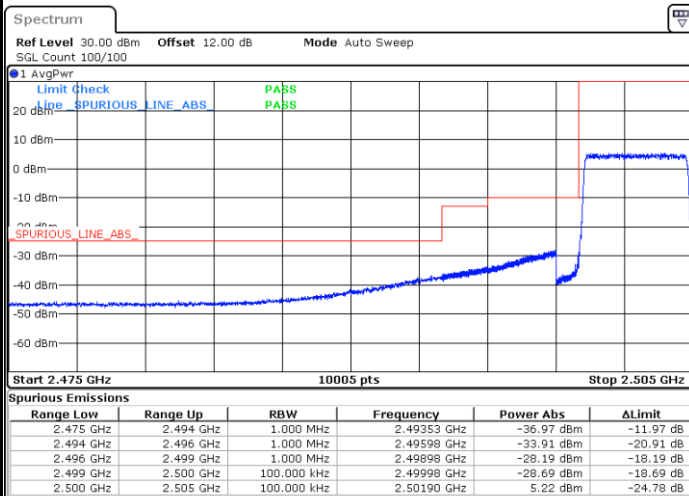
Lowest Band Edge / 1RB



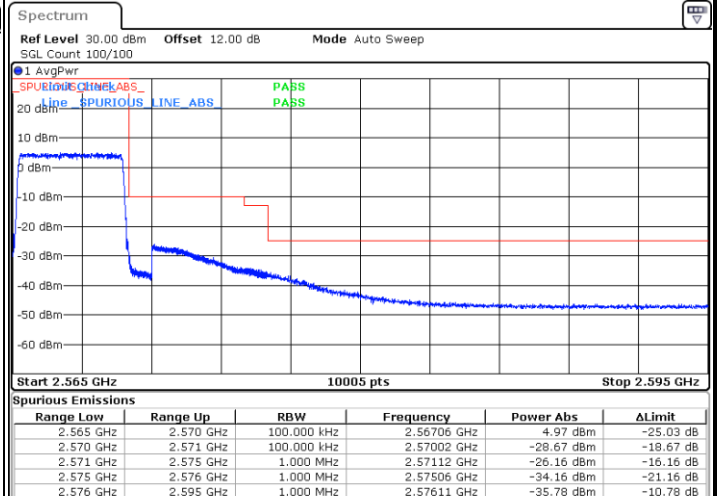
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



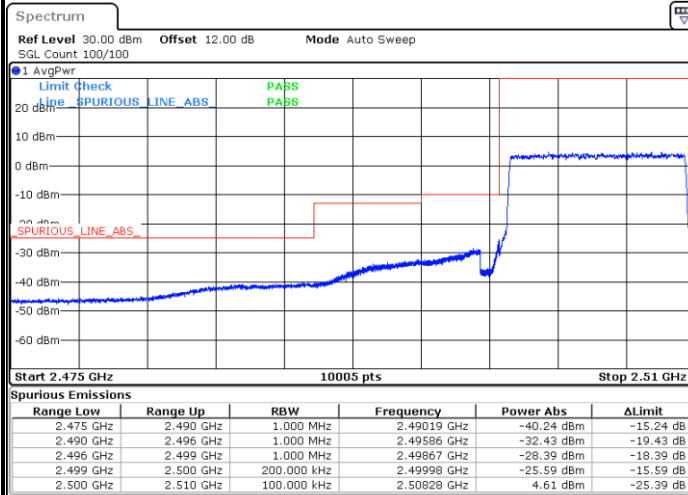
Highest Band Edge / Full RB



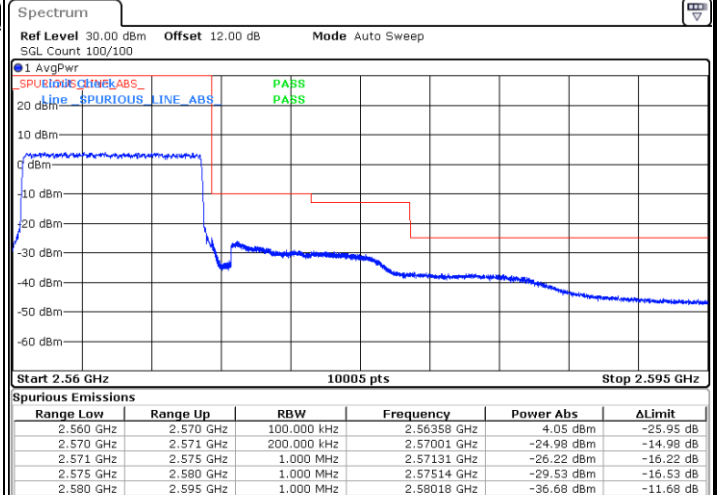


LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / Full RB

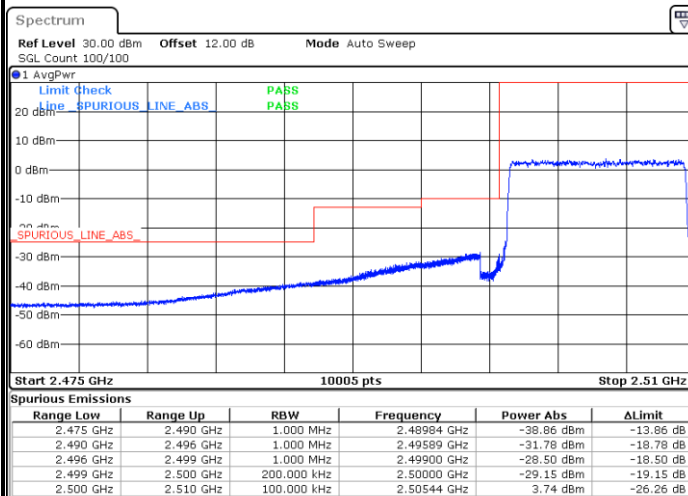


Highest Band Edge / Full RB

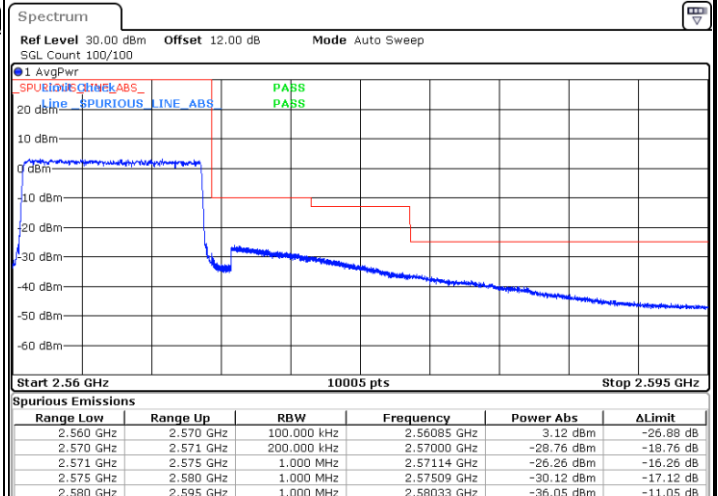


LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

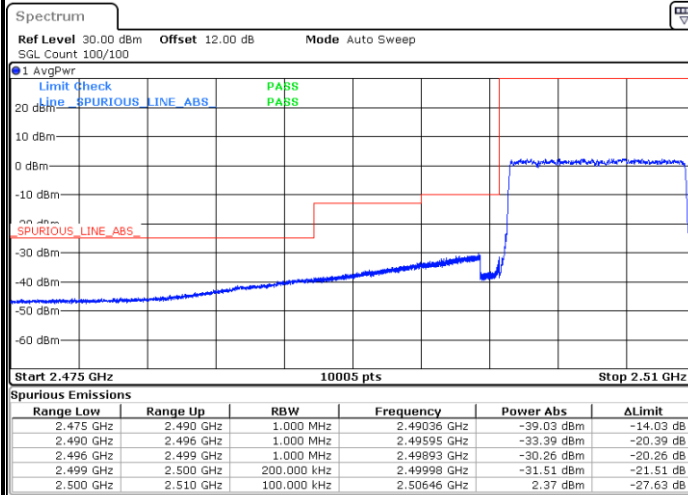




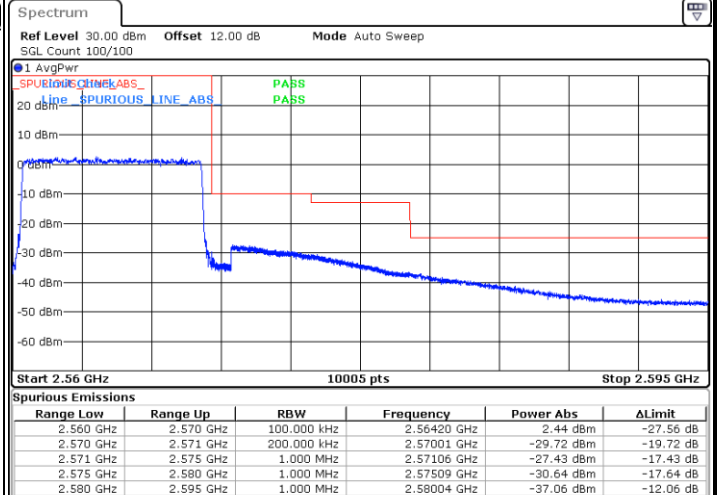
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.MAY.2023 14:34:48

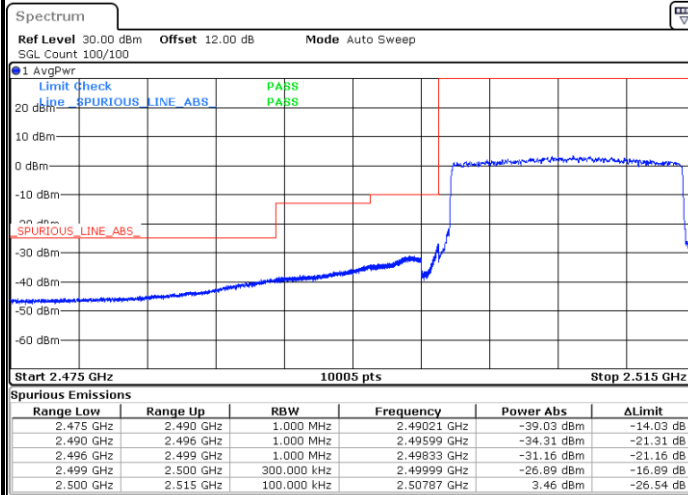


Date: 18.MAY.2023 14:36:30

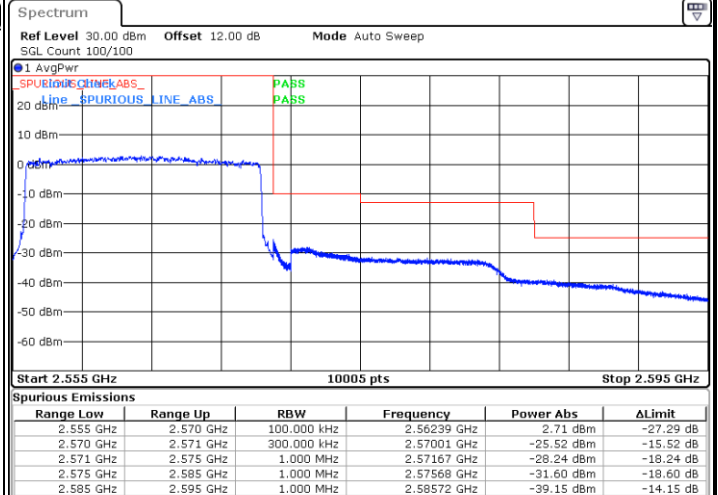


LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB

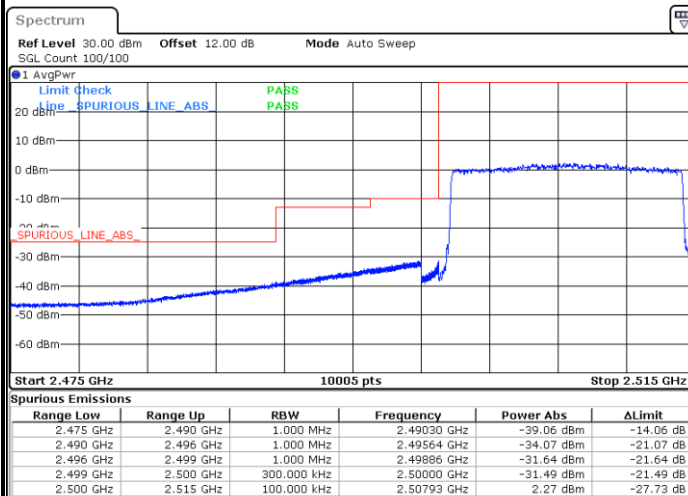


Highest Band Edge / Full RB

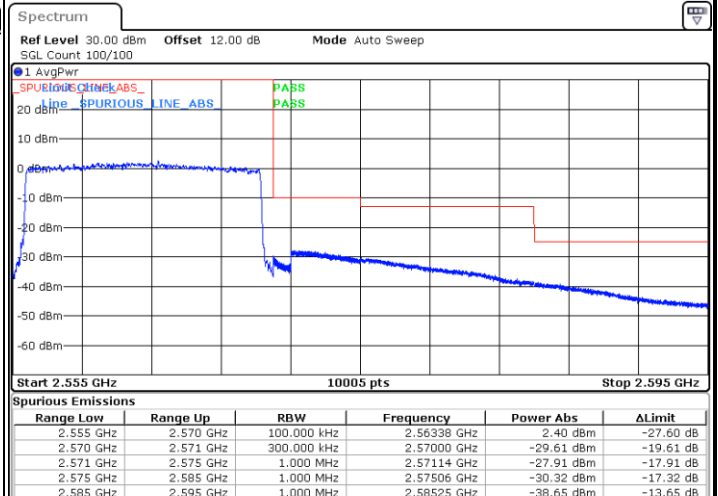


LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

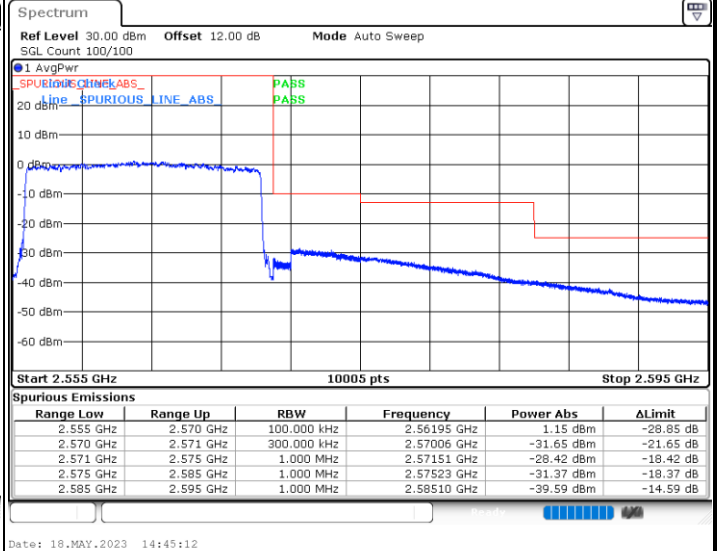
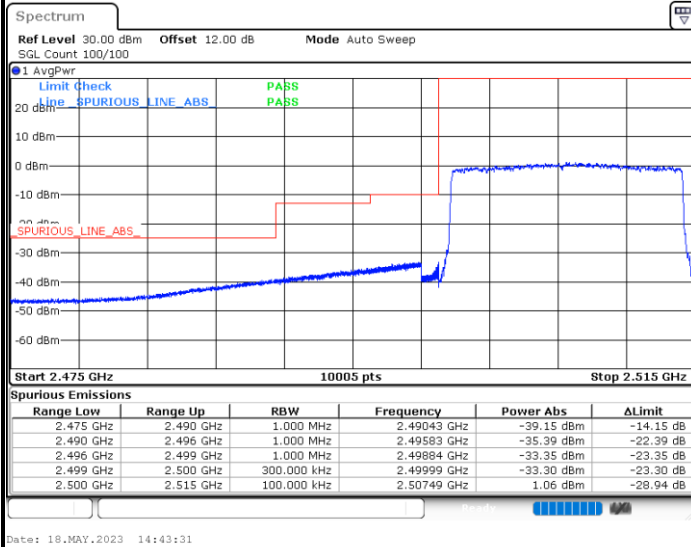




LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB

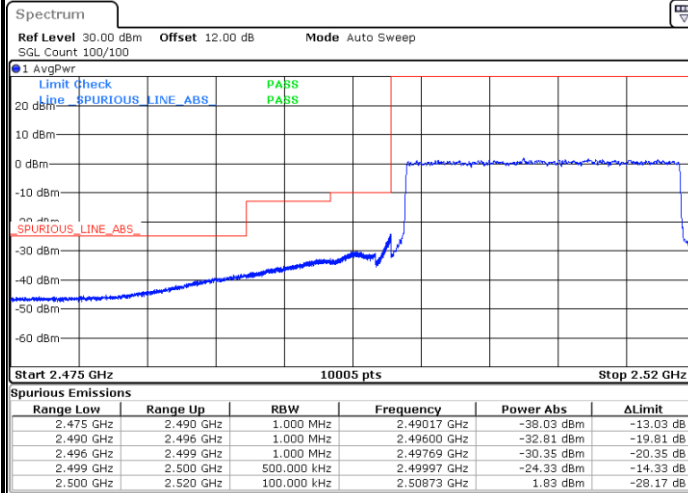
Highest Band Edge / Full RB



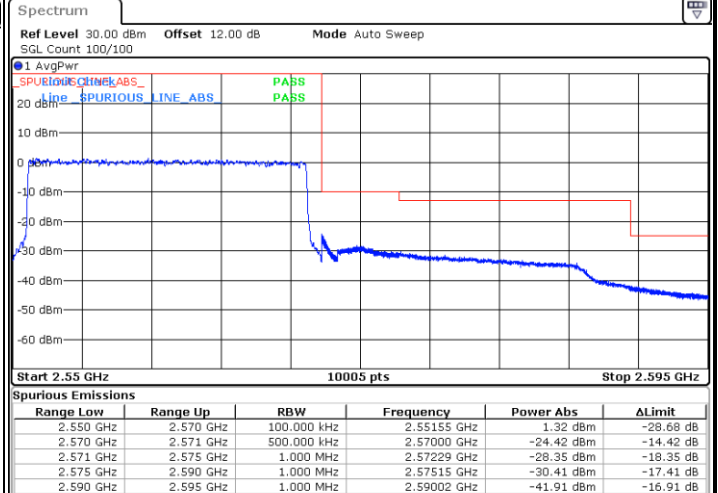


LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB

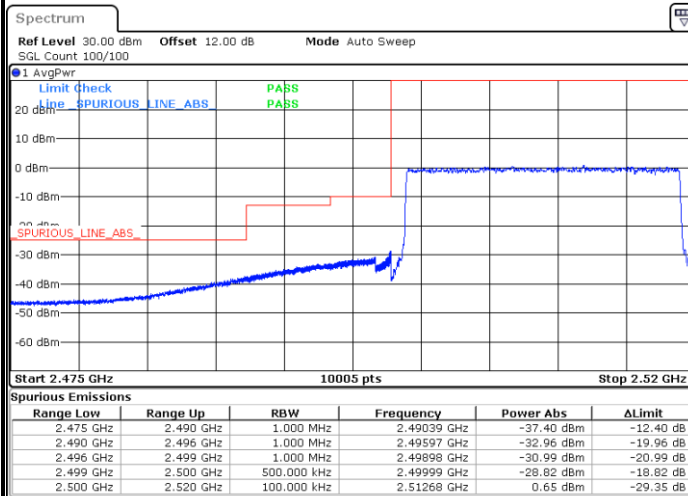


Highest Band Edge / Full RB

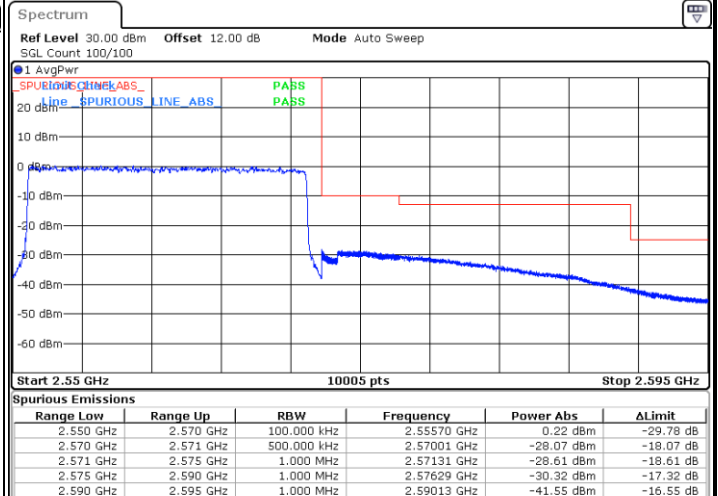


LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

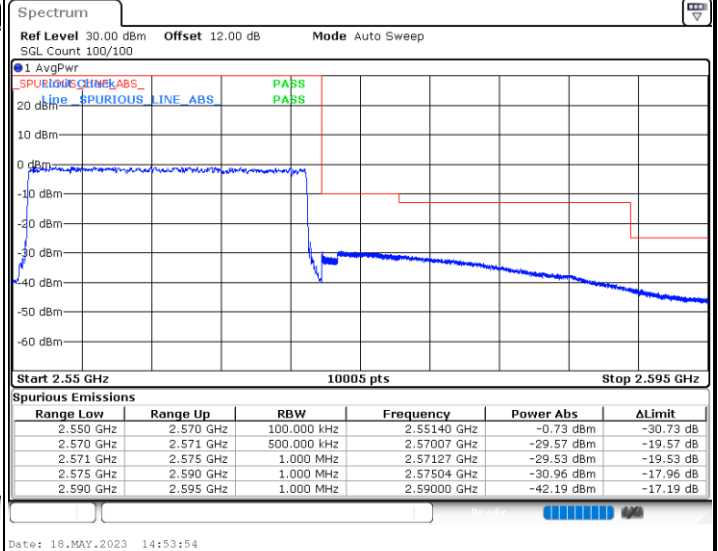
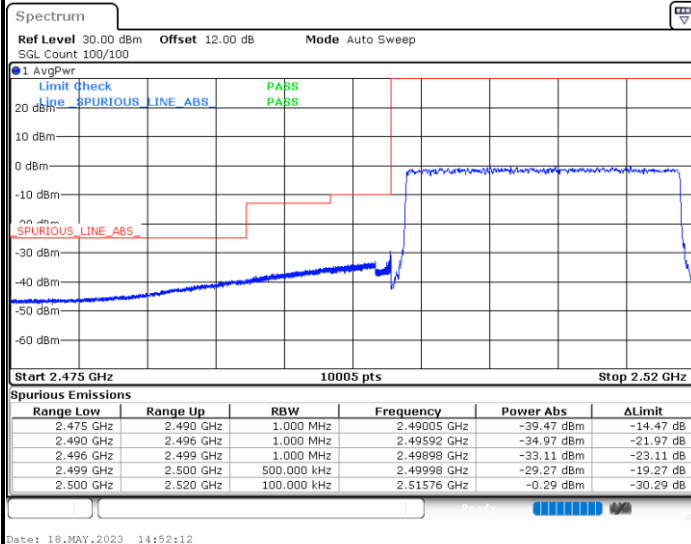




LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

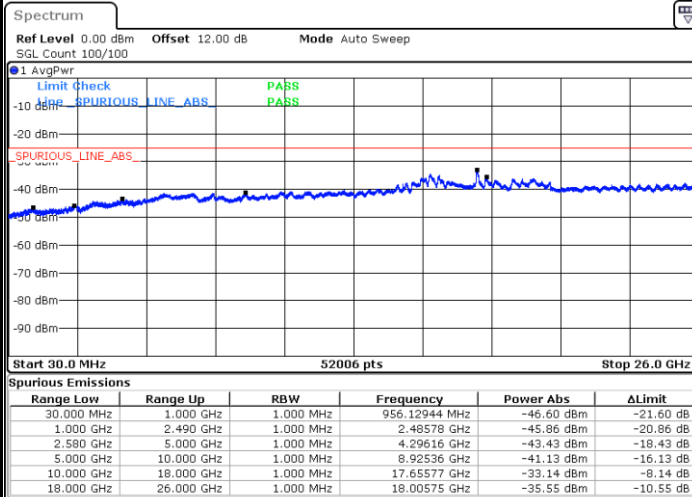




Conducted Spurious Emission

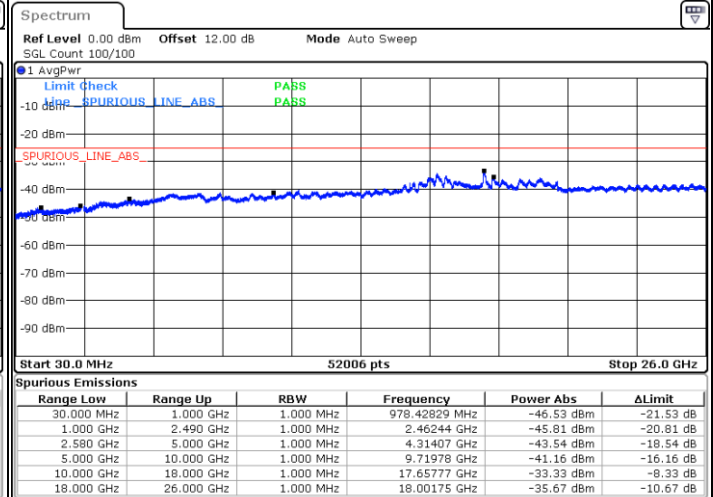
LTE Band 7 / 5MHz

Lowest Channel / QPSK



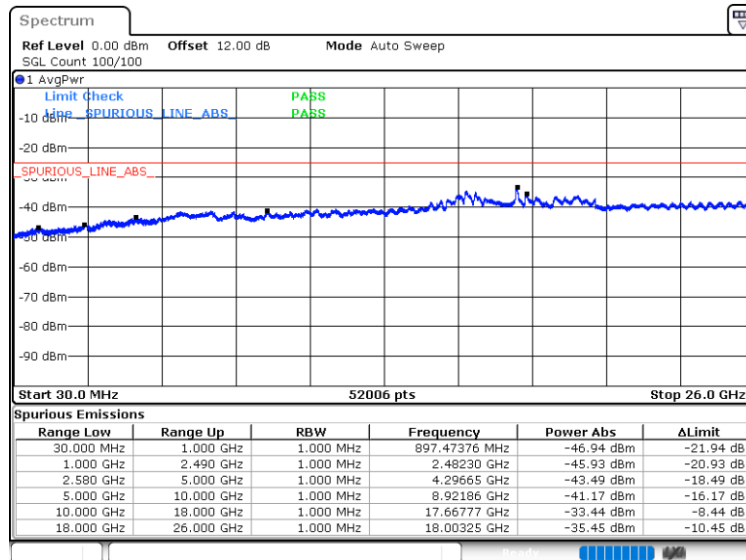
Date: 18.MAY.2023 14:14:57

Middle Channel / QPSK



Date: 18.MAY.2023 14:18:01

Highest Channel / QPSK

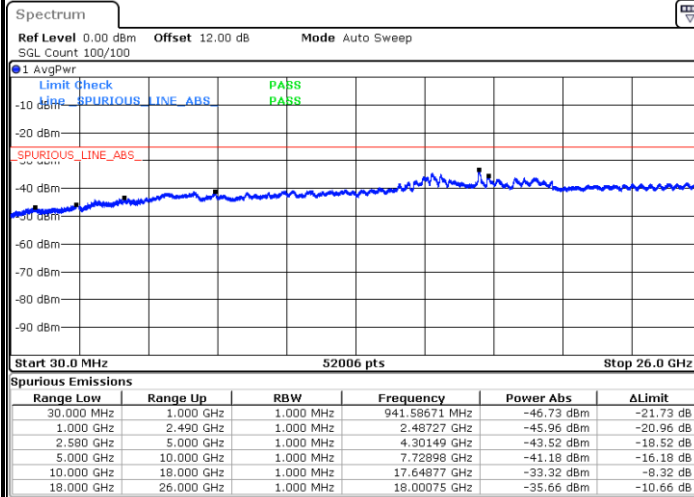


Date: 18.MAY.2023 14:23:07



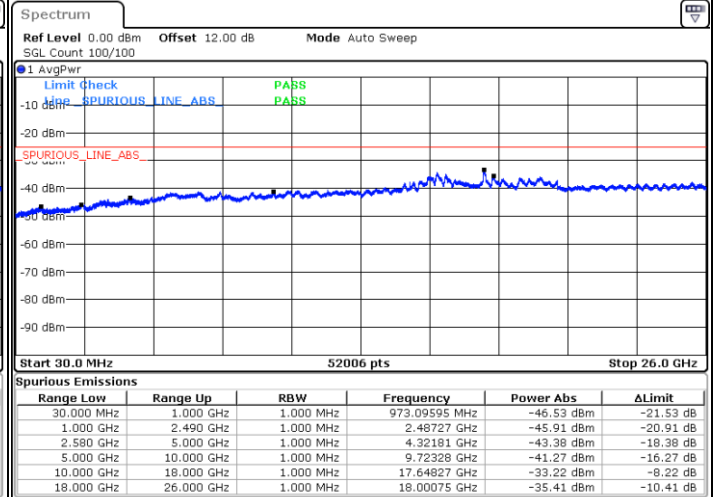
LTE Band 7 / 10MHz

Lowest Channel / QPSK



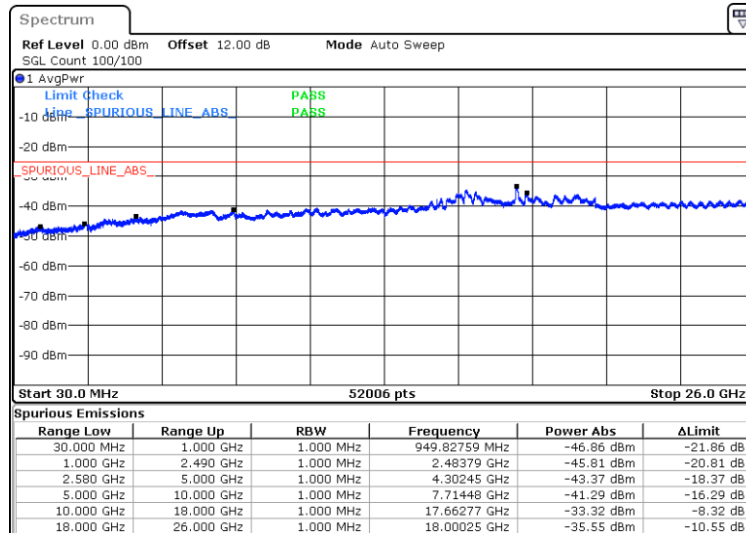
Date: 18.MAY.2023 15:01:41

Middle Channel / QPSK



Date: 18.MAY.2023 15:02:50

Highest Channel / QPSK

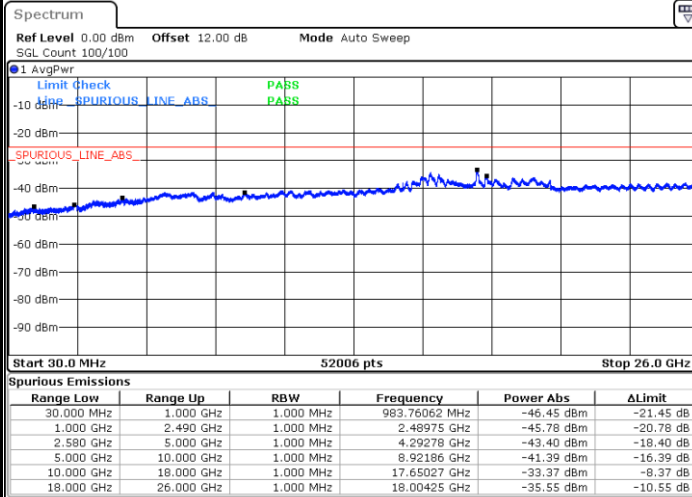


Date: 18.MAY.2023 15:03:57



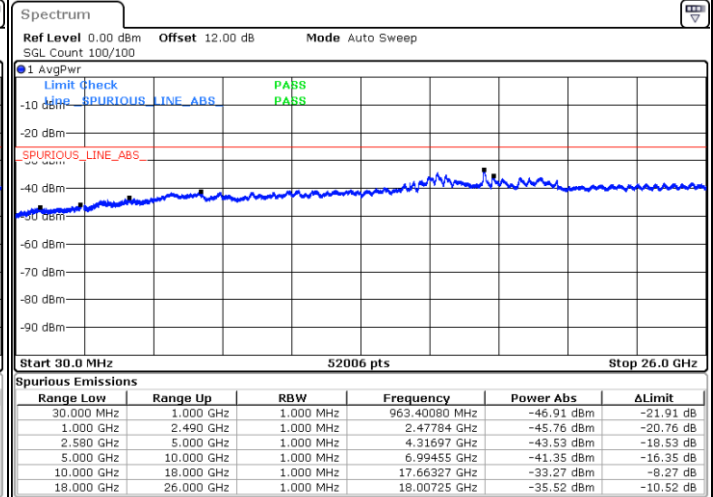
LTE Band 7 / 15MHz

Lowest Channel / QPSK



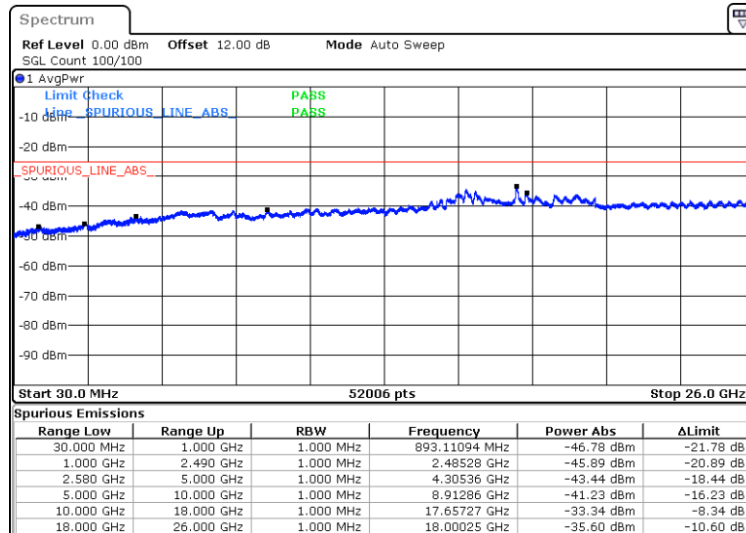
Date: 18.MAY.2023 15:25:37

Middle Channel / QPSK



Date: 18.MAY.2023 15:27:02

Highest Channel / QPSK

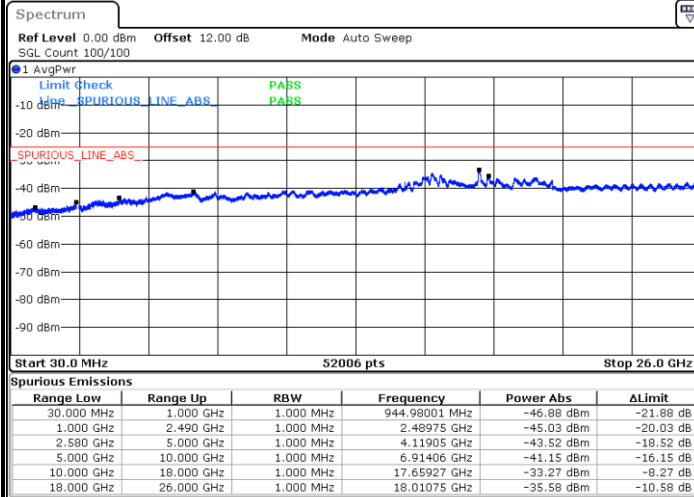


Date: 18.MAY.2023 15:28:10



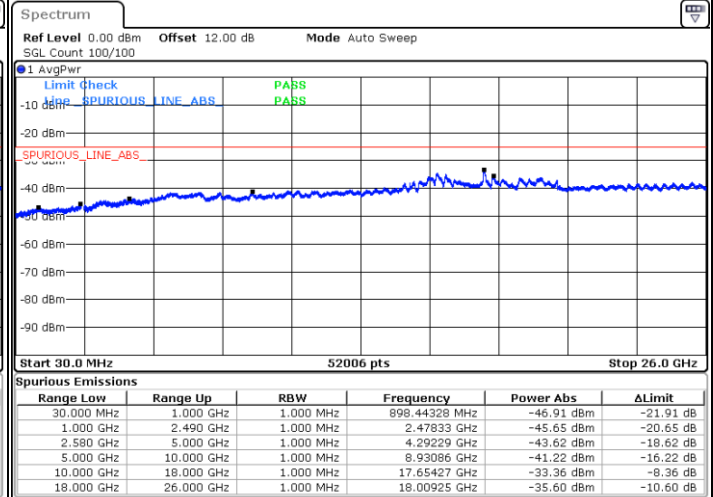
LTE Band 7 / 20MHz

Lowest Channel / QPSK



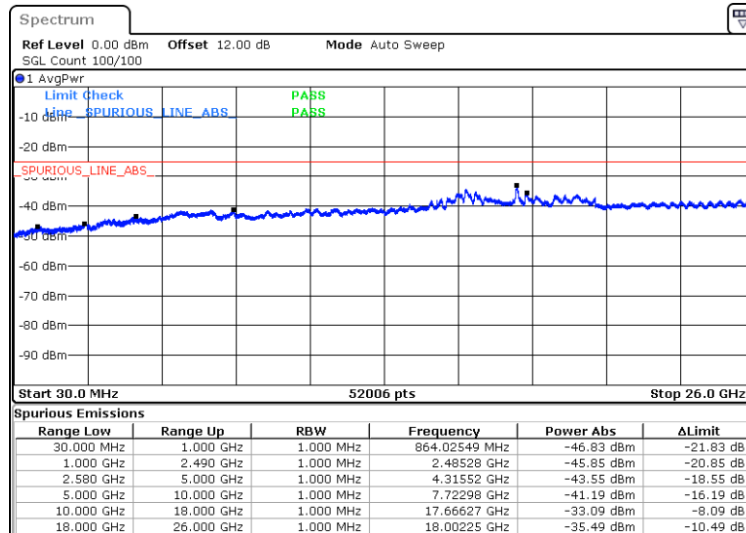
Date: 18.MAY.2023 15:29:25

Middle Channel / QPSK



Date: 18.MAY.2023 15:30:50

Highest Channel / QPSK



Date: 18.MAY.2023 15:31:58

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	0.0011	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0030	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0029	
20	Maximum Voltage	0.0046	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0049	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.42V. ; 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	29.91	25.38	30.57	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.39	34.97	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.73	25.23	30.45	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	34.76	39.64	

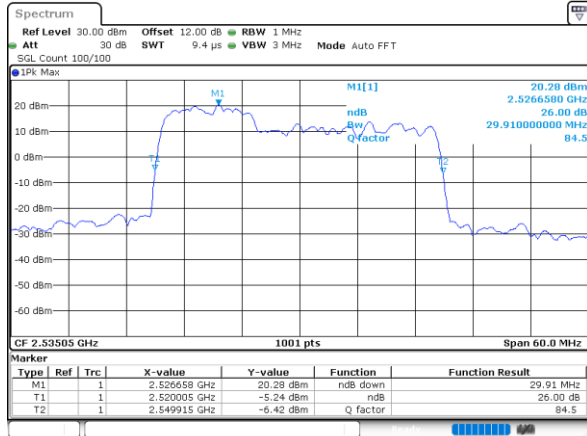
Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.33	30.57	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.91	34.90	39.72	



LTE Band 7C

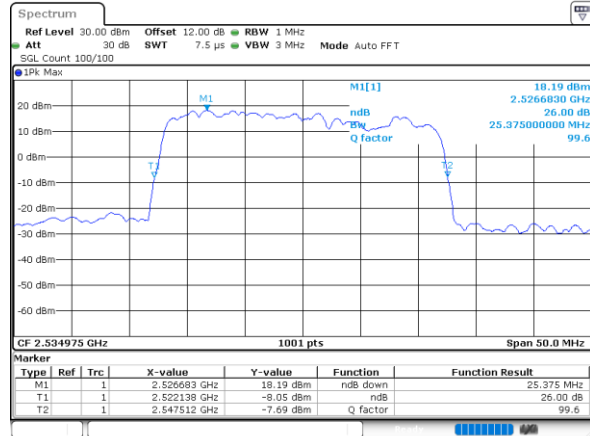
QPSK

Middle Channel / 10MHz+20MHz



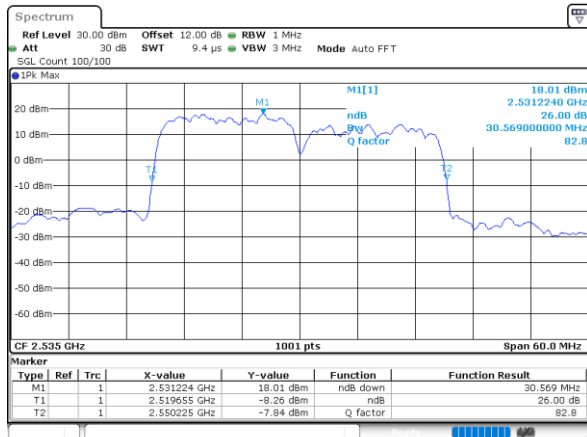
Date: 24.MAY.2023 15:11:37

Middle Channel / 15MHz+10MHz



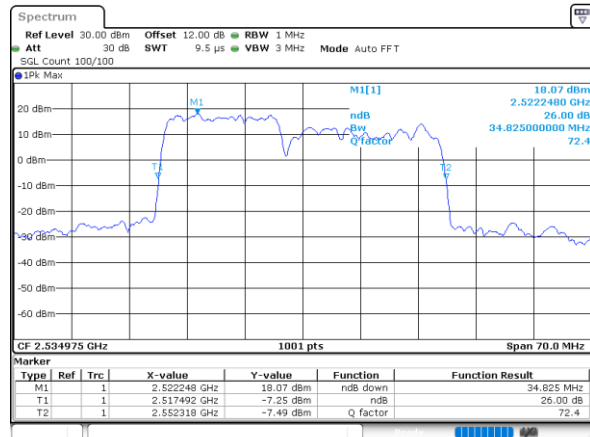
Date: 24.MAY.2023 23:15:50

Middle Channel / 15MHz+15MHz



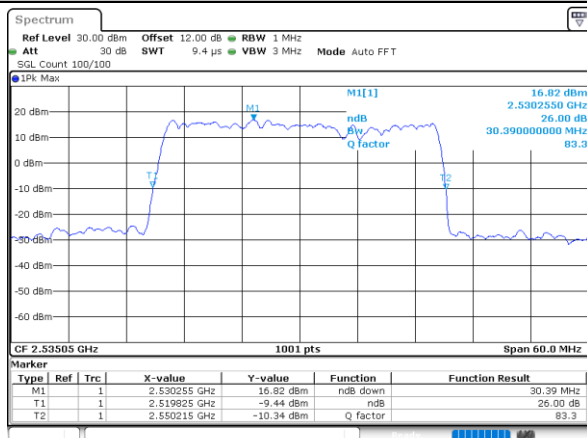
Date: 24.MAY.2023 17:14:25

Middle Channel / 15MHz+20MHz



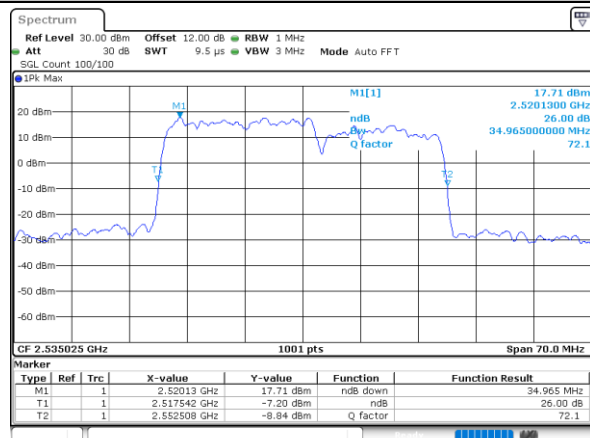
Date: 24.MAY.2023 19:38:38

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:19:33

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:29:08

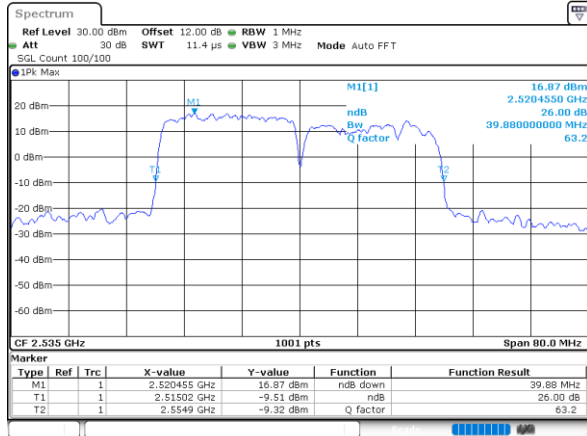


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

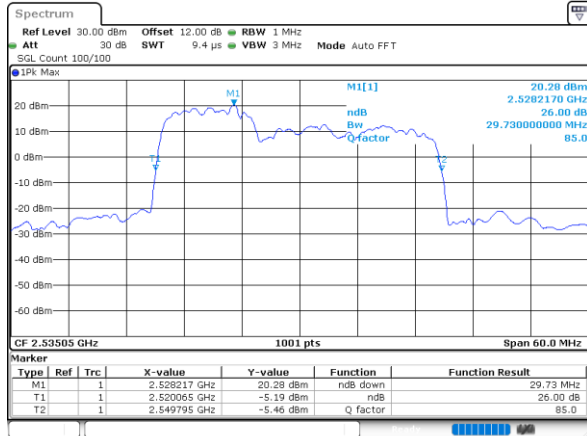




LTE Band 7C

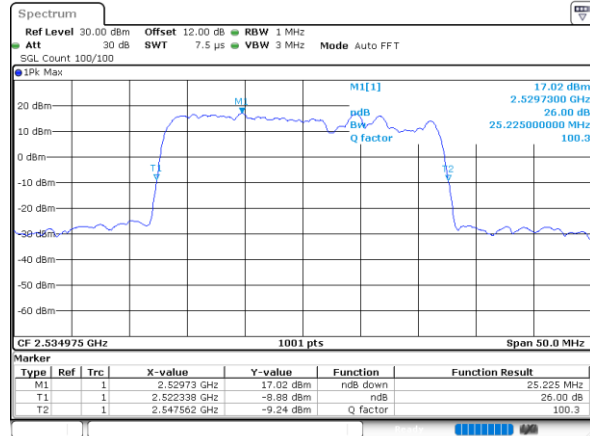
16QAM

Middle Channel / 10MHz+20MHz



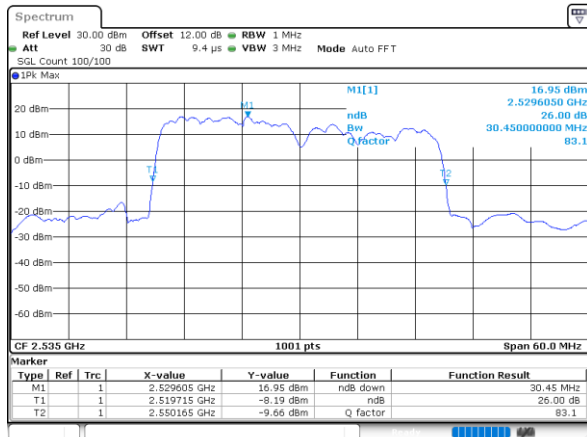
Date: 24.MAY.2023 15:11:01

Middle Channel / 15MHz+10MHz



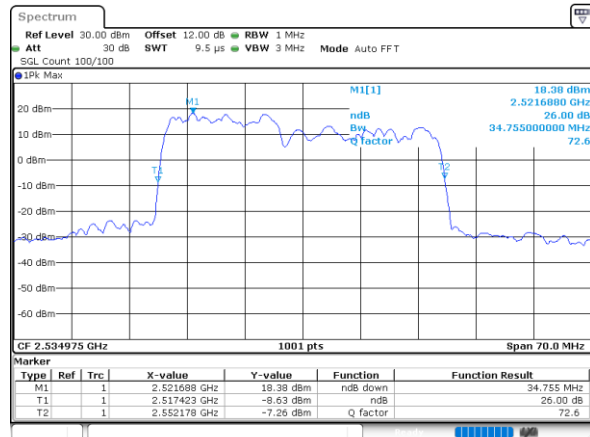
Date: 24.MAY.2023 23:15:13

Middle Channel / 15MHz+15MHz



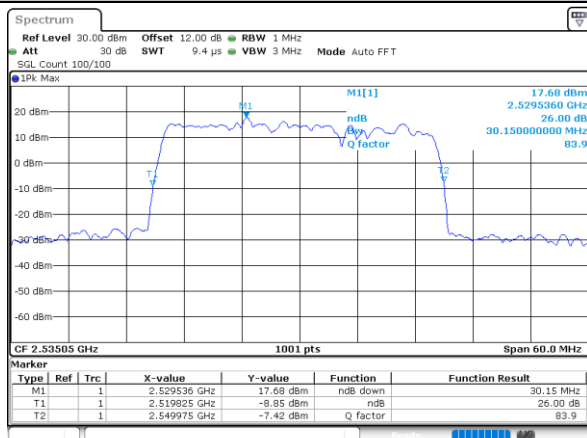
Date: 24.MAY.2023 17:13:53

Middle Channel / 15MHz+20MHz



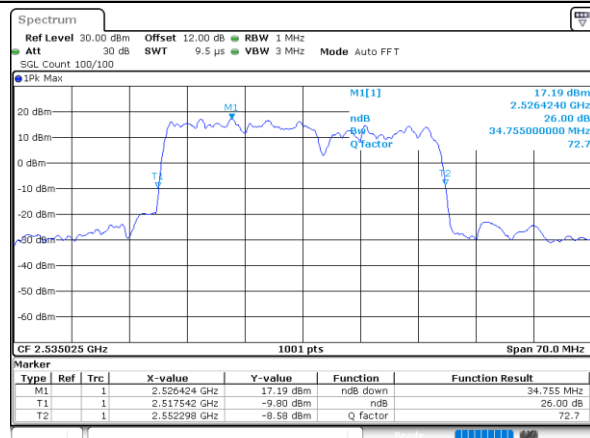
Date: 24.MAY.2023 19:38:07

Middle Channel / 20MHz+10MHz



Date: 24.MAY.2023 16:18:57

Middle Channel / 20MHz+15MHz



Date: 24.MAY.2023 20:28:38

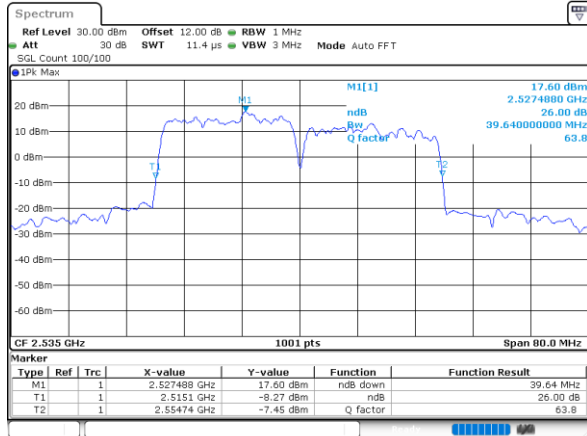


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

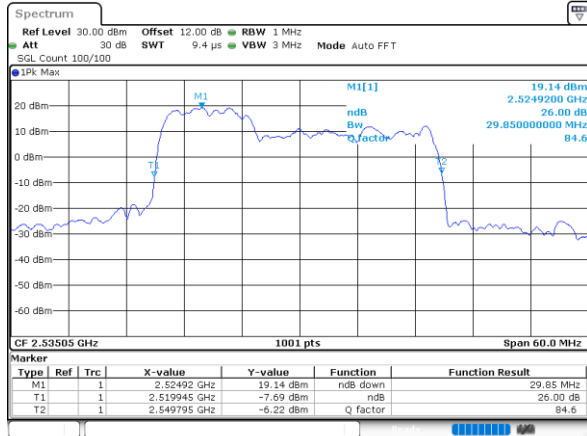




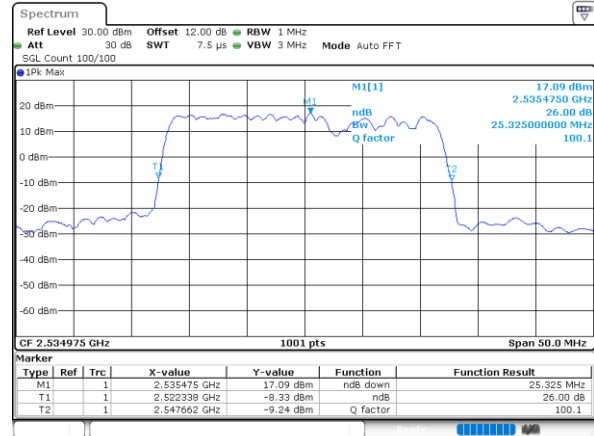
LTE Band 7C

64QAM

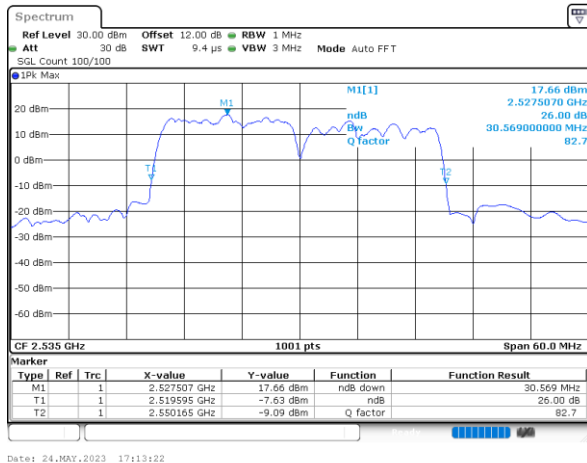
Middle Channel / 10MHz+20MHz



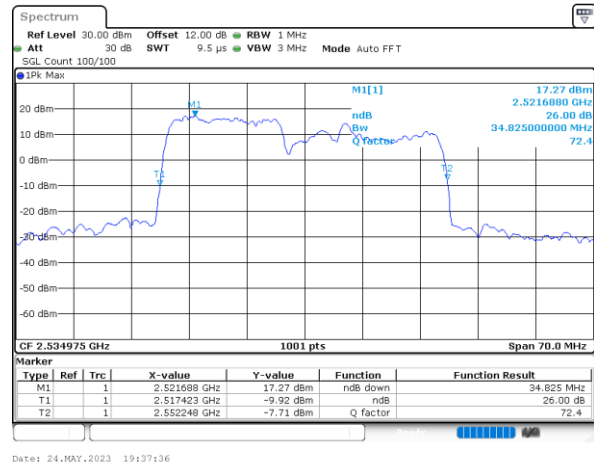
Middle Channel / 15MHz+10MHz



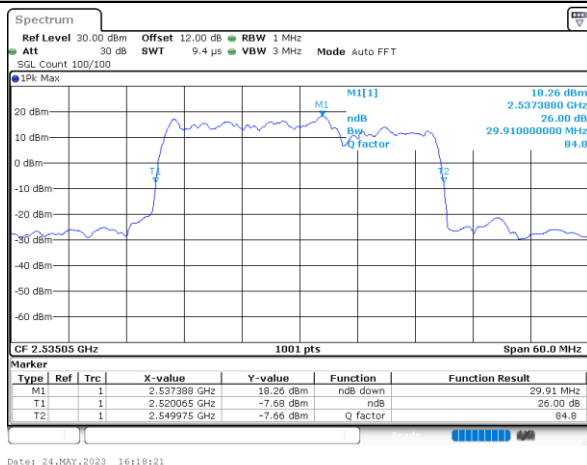
Middle Channel / 15MHz+15MHz



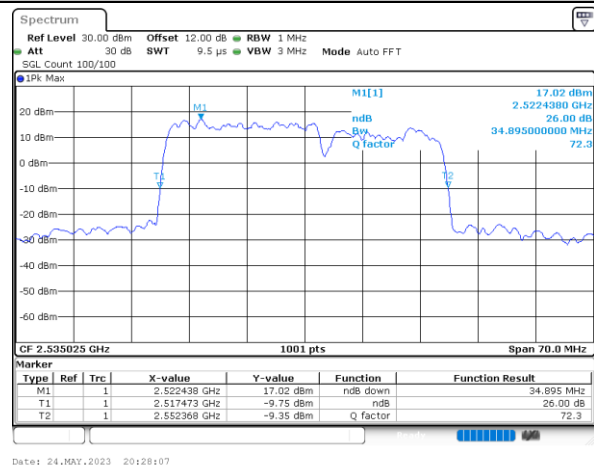
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



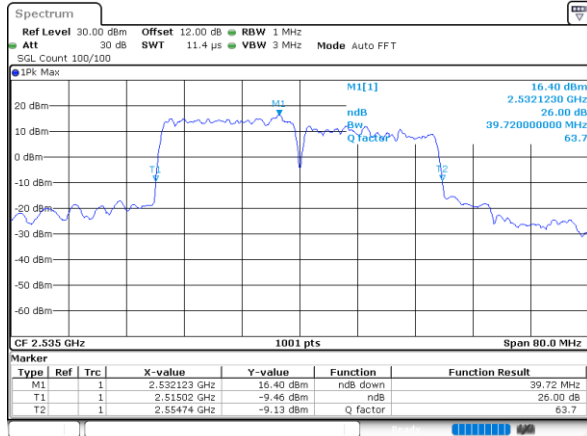


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.81	23.38	28.59	32.94
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.80	37.48	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.17	23.48	28.59	32.59
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.59	37.80	

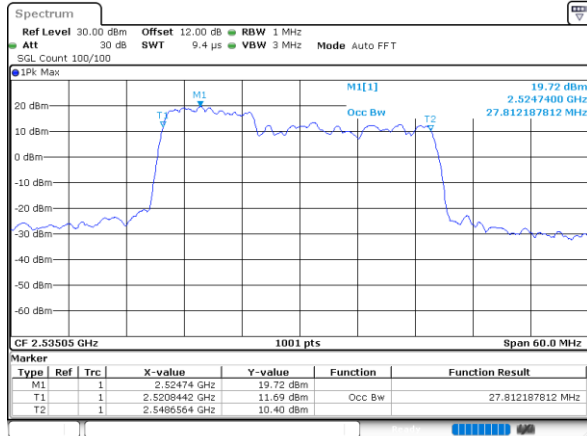
Mode	LTE Band 7C : 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.93	23.43	28.77	32.66
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.87	37.40	



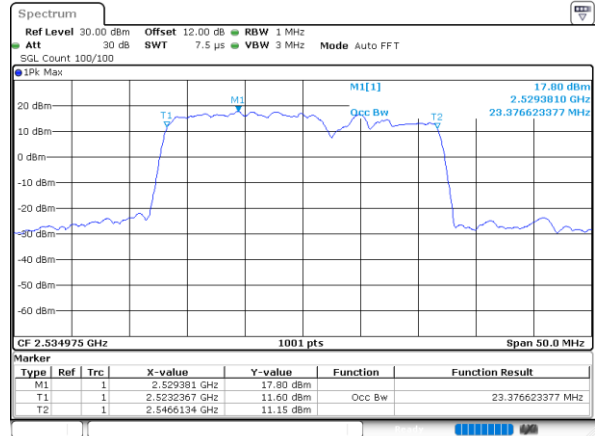
LTE Band 7C

QPSK

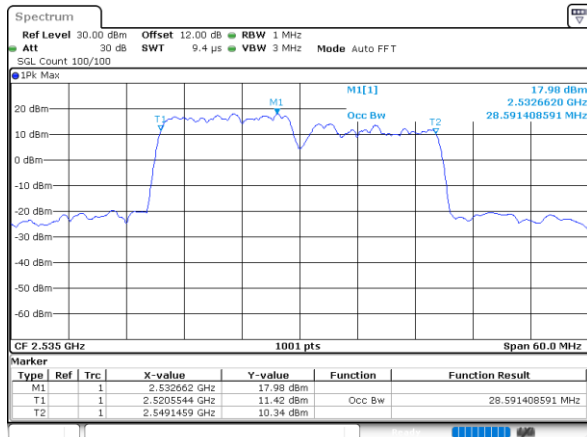
Middle Channel / 10MHz+20MHz



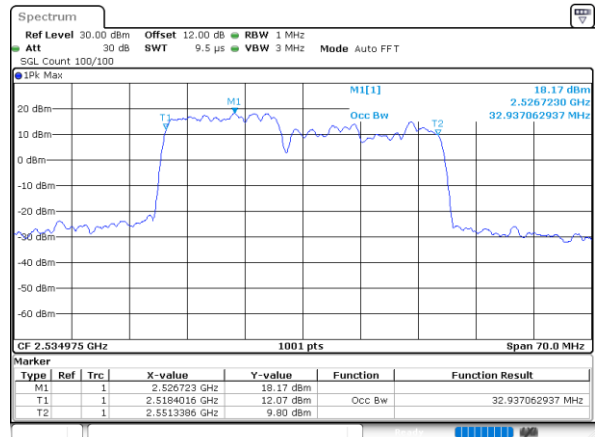
Middle Channel / 15MHz+10MHz



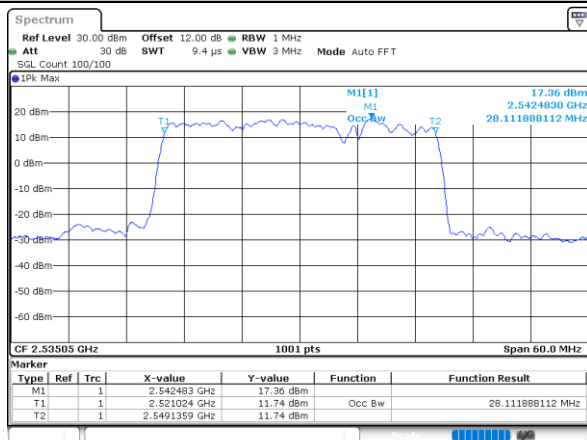
Middle Channel / 15MHz+15MHz



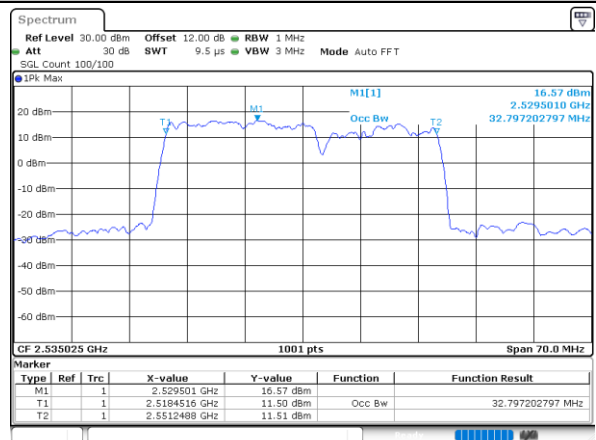
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



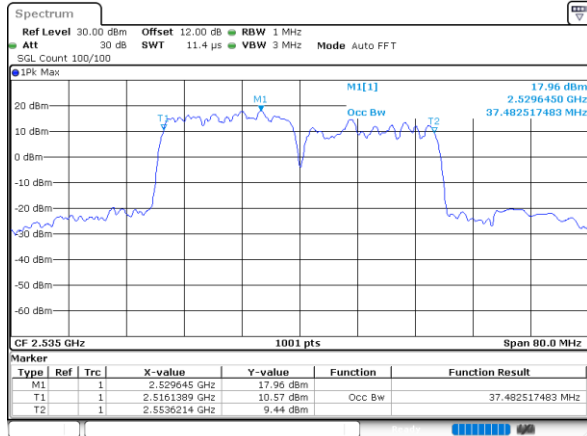


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

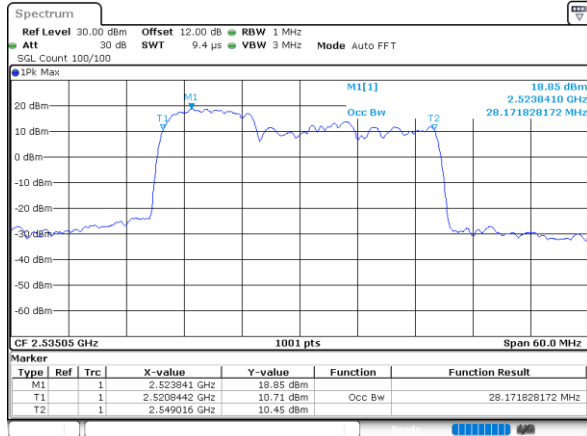




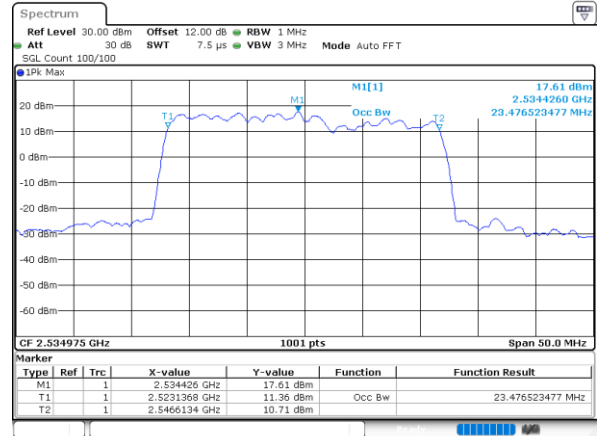
LTE Band 7C

16QAM

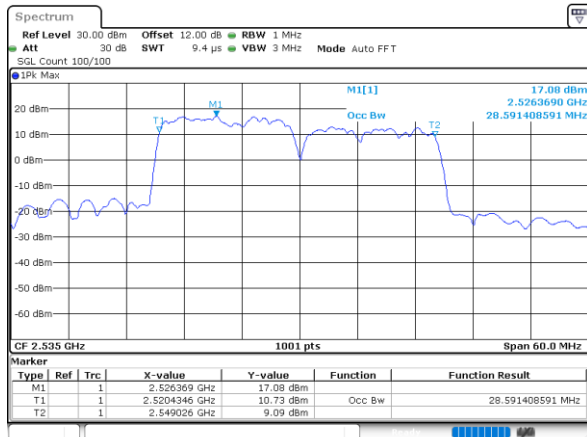
Middle Channel / 10MHz+20MHz



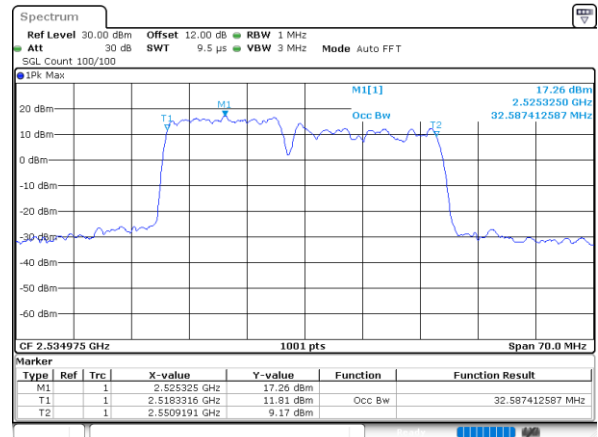
Middle Channel / 15MHz+10MHz



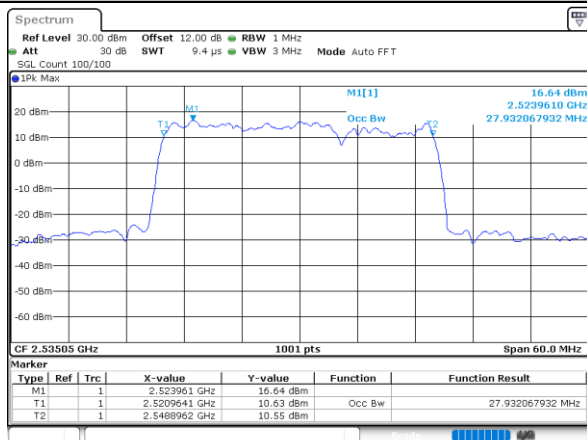
Middle Channel / 15MHz+15MHz



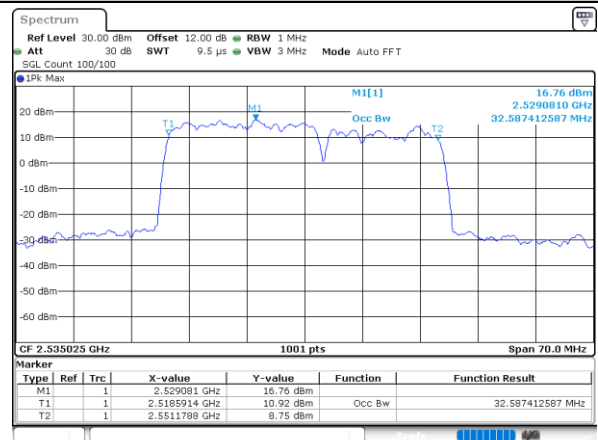
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



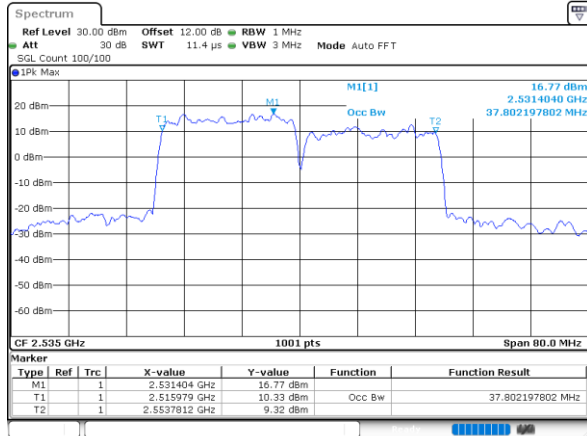


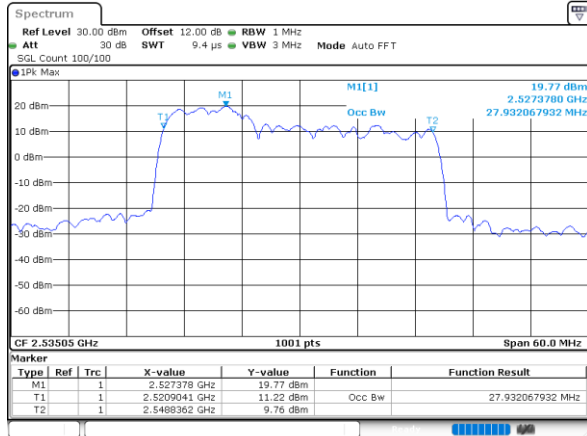
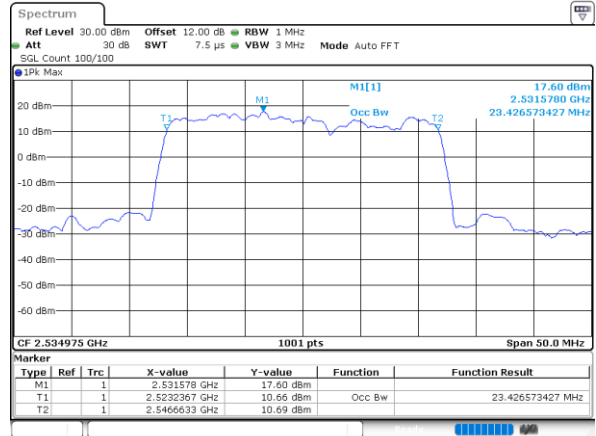
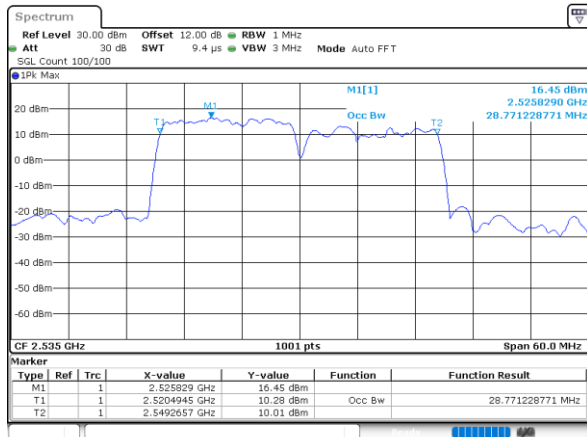
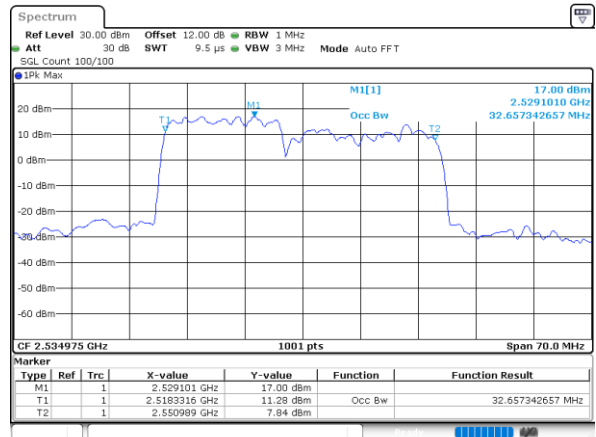
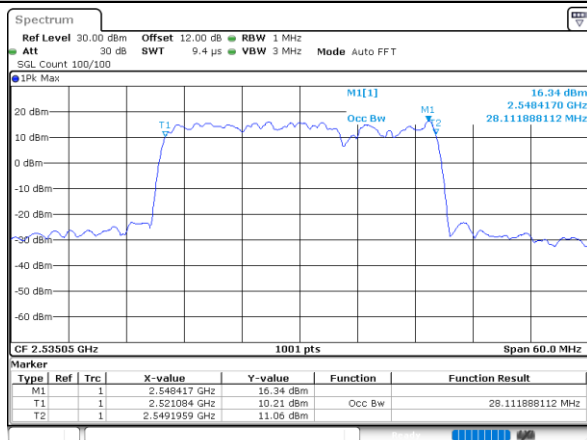
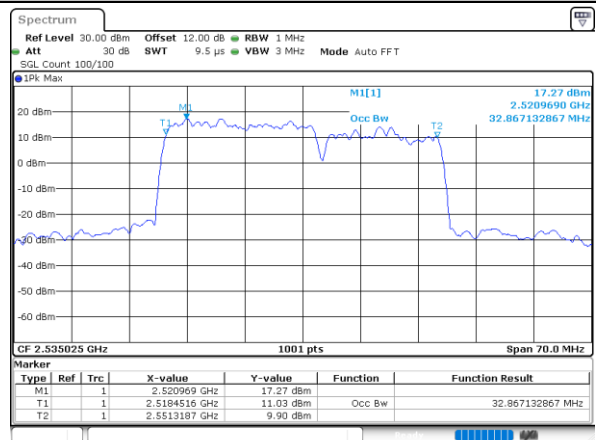
LTE Band 7C

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**

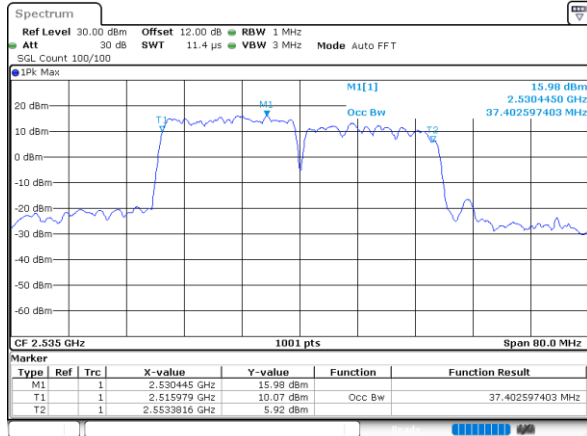


LTE Band 7C

64QAM

Middle Channel / 20MHz+20MHz

N/A



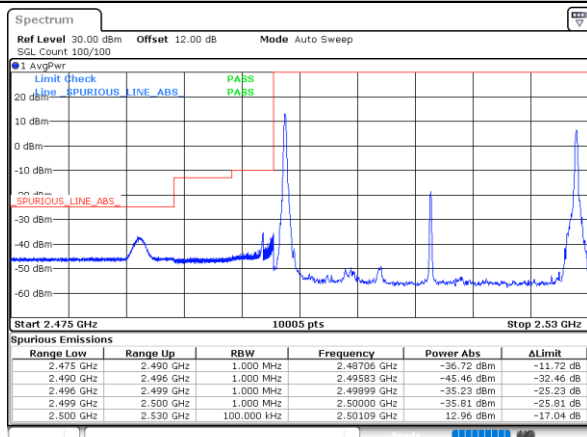


Conducted Band Edge

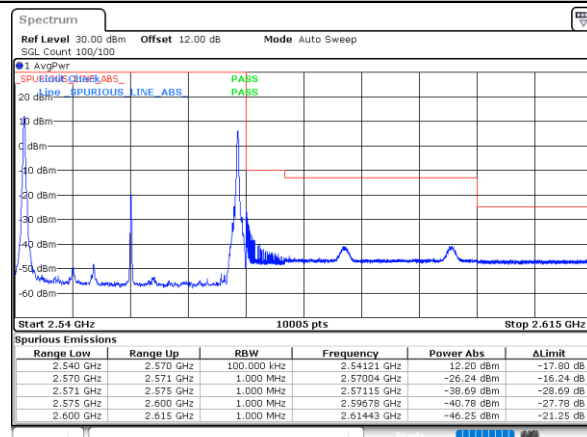
LTE Band 7C / 10MHz+20MHz

QPSK

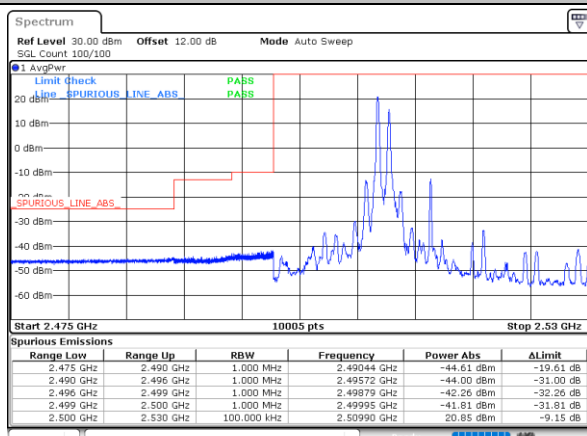
Lowest Band Edge / 1RB0 and 1RB99



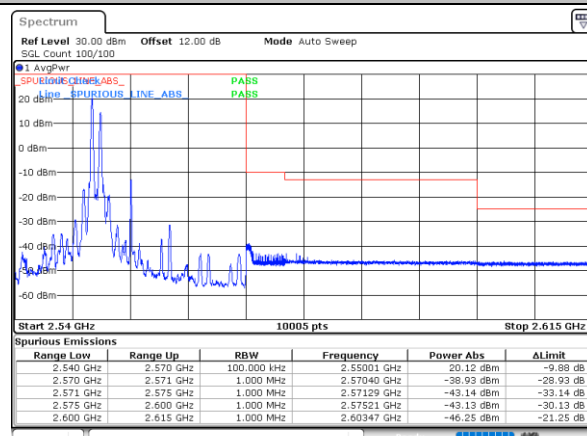
Highest Band Edge / 1RB0 and 1RB99



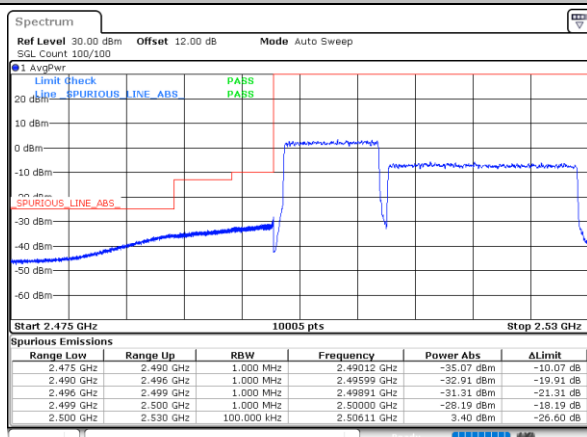
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

