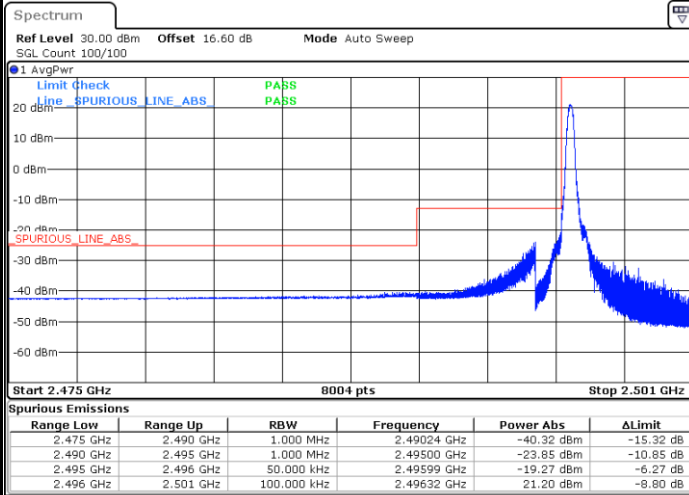




Conducted Band Edge

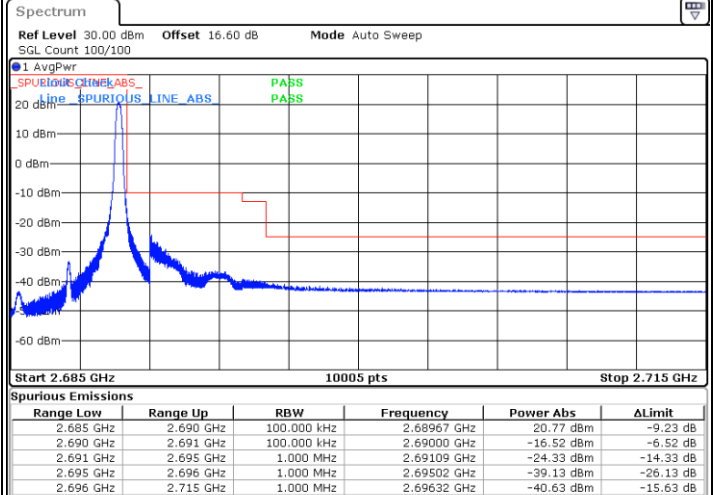
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



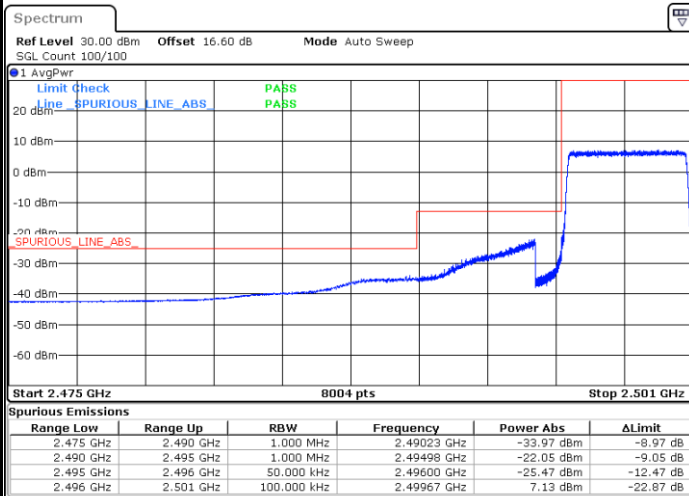
Date: 20.MAY.2023 19:23:54

Highest Band Edge / 1 RB



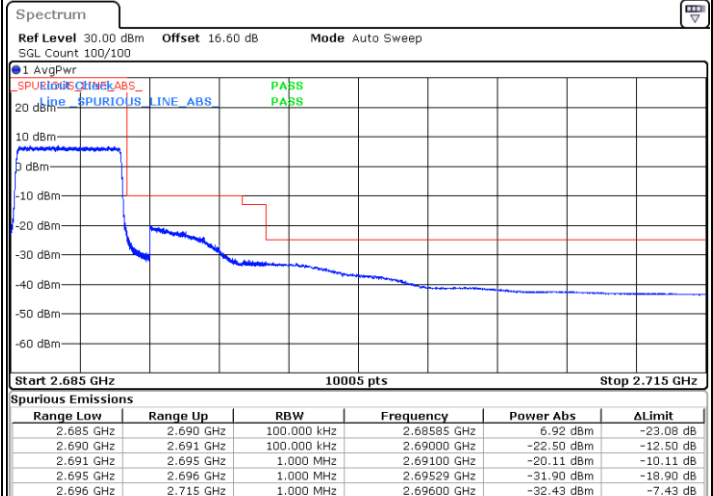
Date: 20.MAY.2023 19:45:30

Lowest Band Edge / Full RB



Date: 20.MAY.2023 19:30:36

Highest Band Edge / Full RB

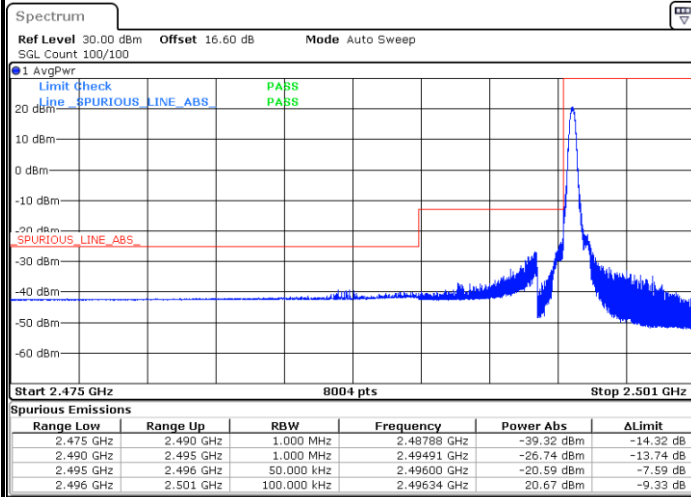


Date: 20.MAY.2023 19:40:08



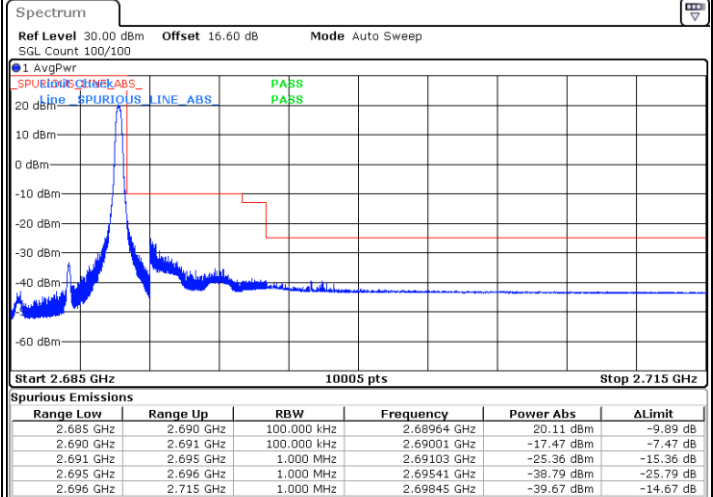
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



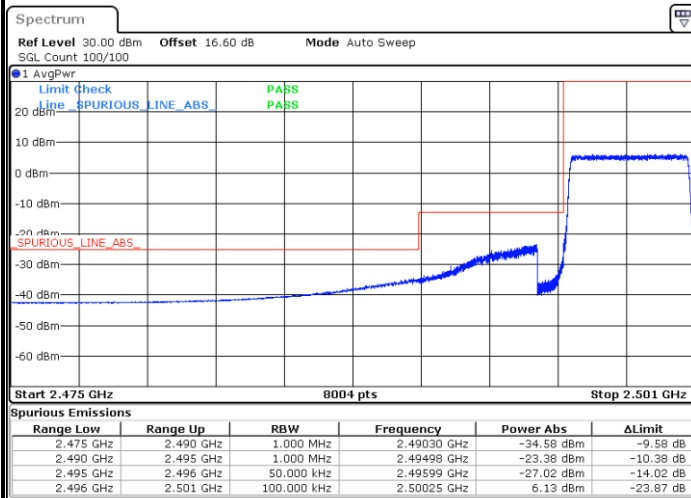
Date: 20.MAY.2023 19:25:13

Highest Band Edge / 1 RB



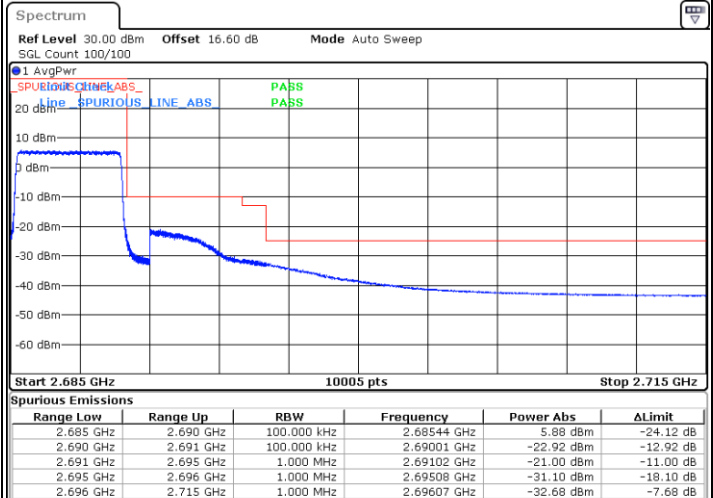
Date: 20.MAY.2023 19:46:50

Lowest Band Edge / Full RB



Date: 20.MAY.2023 19:31:57

Highest Band Edge / Full RB

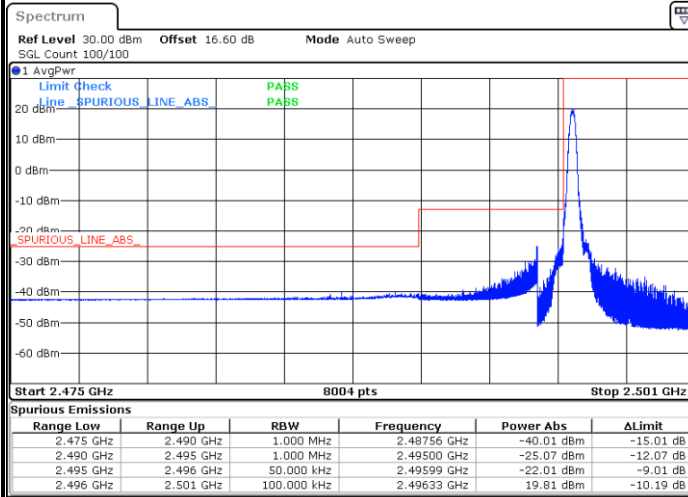


Date: 20.MAY.2023 19:41:28



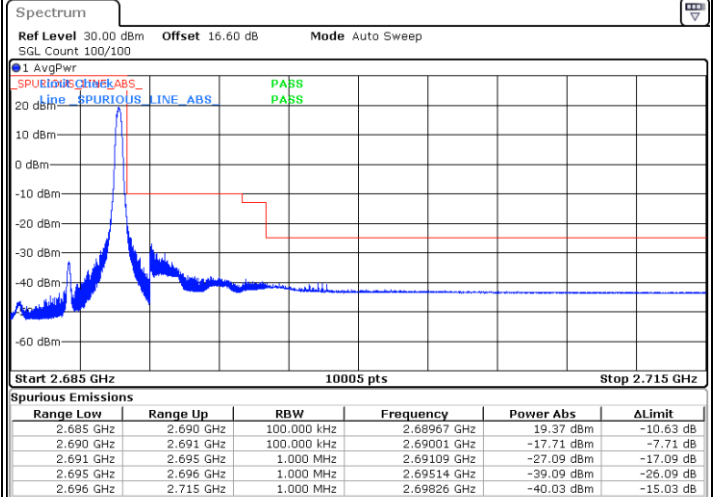
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



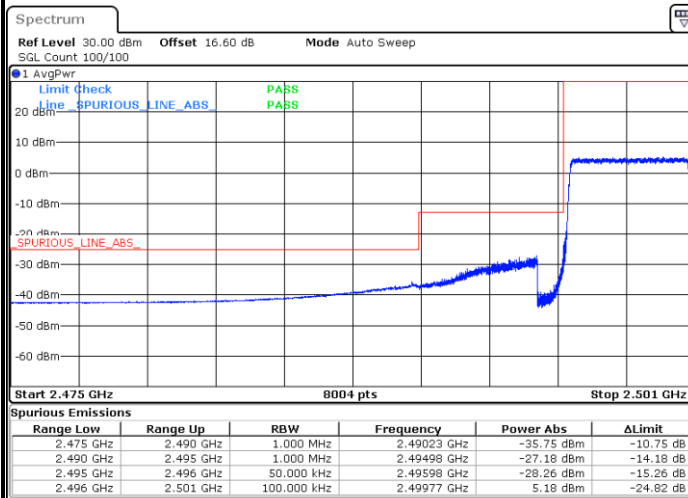
Date: 20.MAY.2023 19:26:34

Highest Band Edge / 1 RB



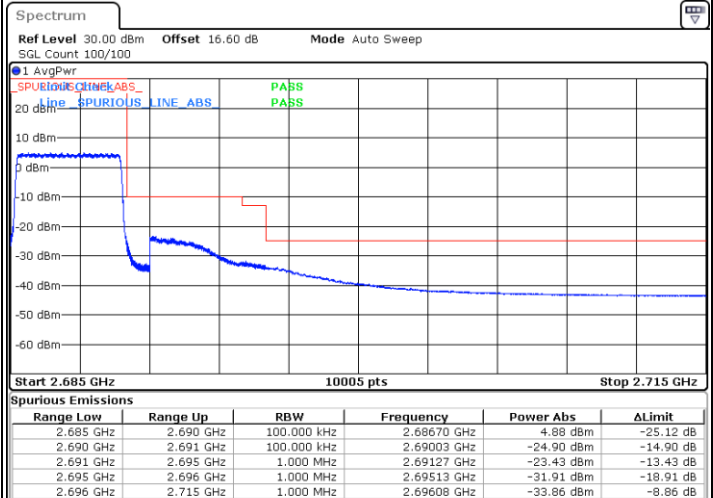
Date: 20.MAY.2023 19:48:09

Lowest Band Edge / Full RB



Date: 20.MAY.2023 19:33:17

Highest Band Edge / Full RB

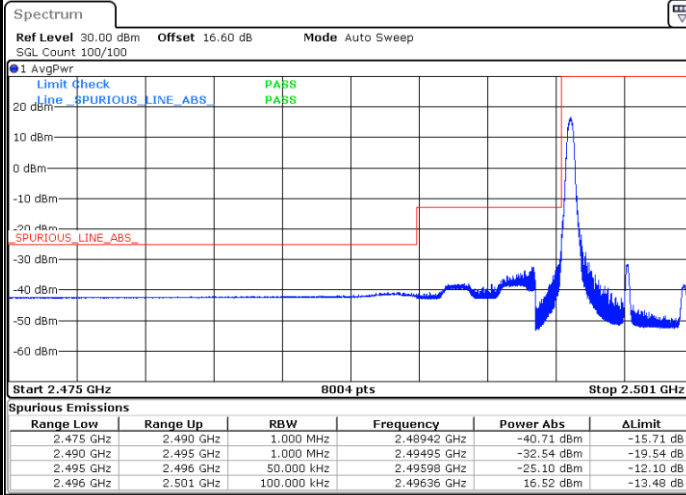


Date: 20.MAY.2023 19:42:47

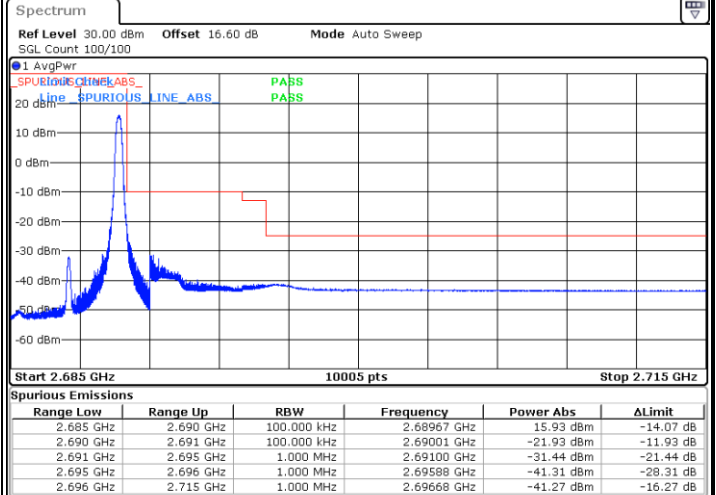


LTE Band 41 / 5MHz / 256QAM

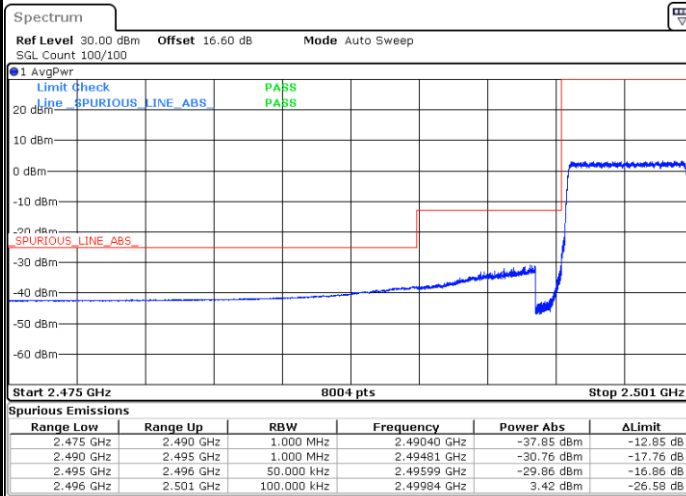
Lowest Band Edge / 1RB



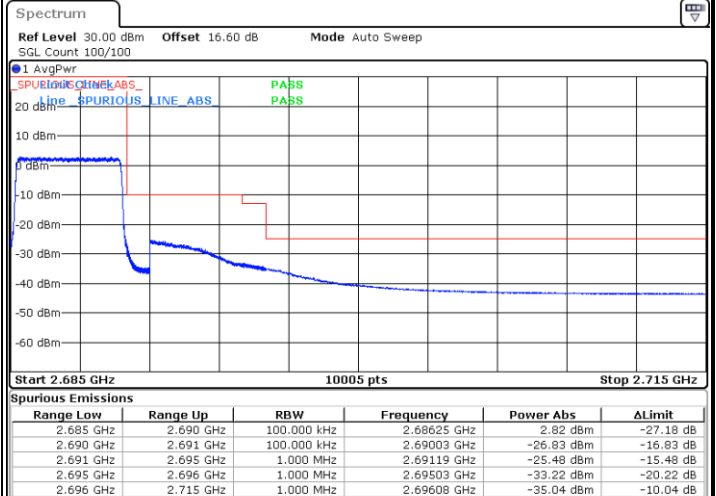
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



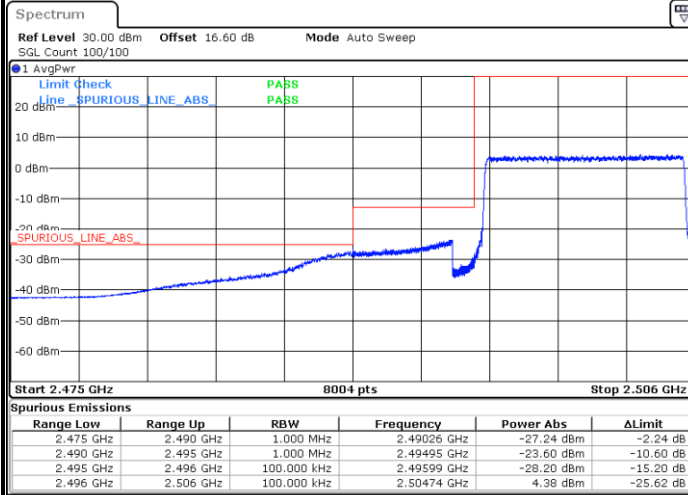
Highest Band Edge / Full RB



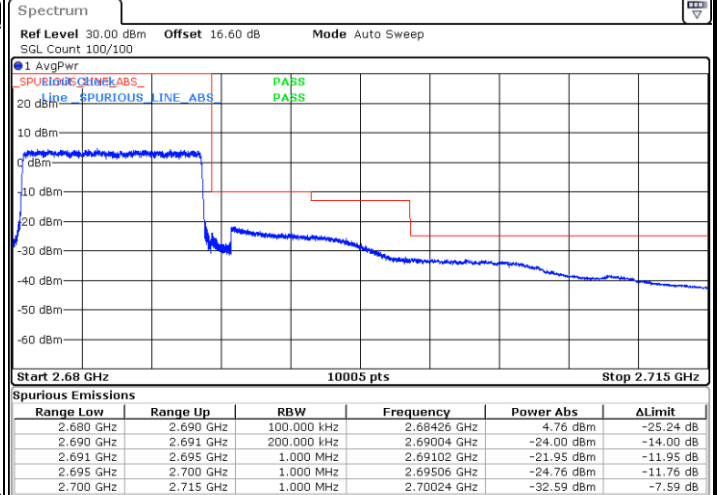


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

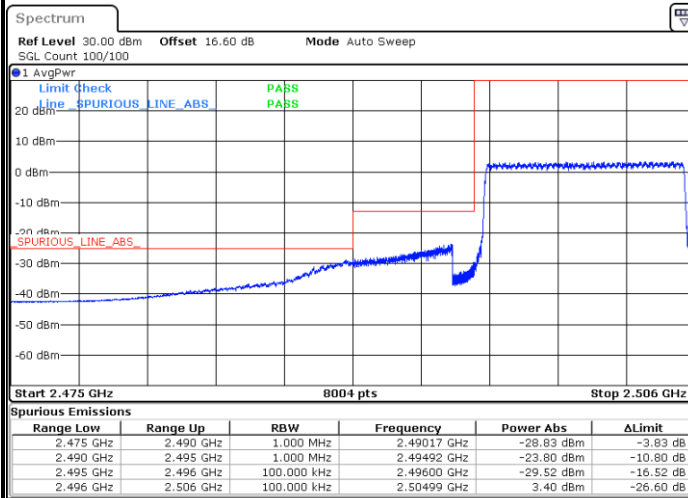


Highest Band Edge / Full RB

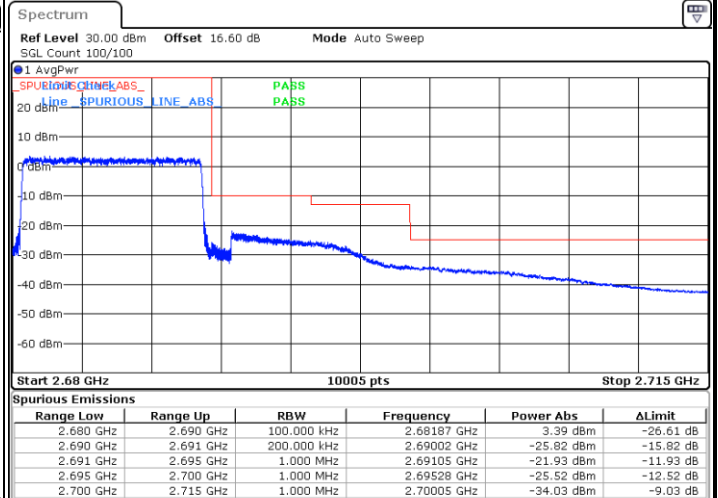


LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / Full RB



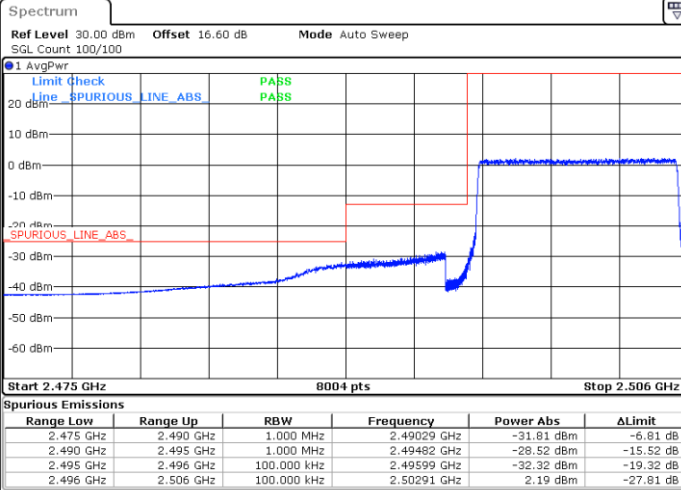
Highest Band Edge / Full RB



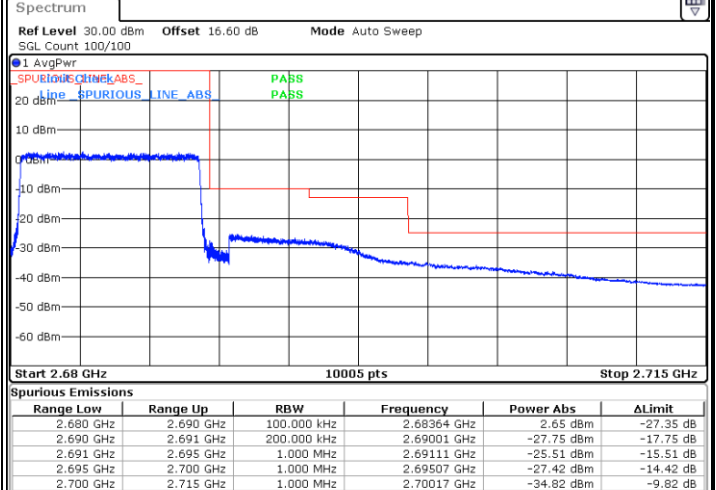


LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / Full RB

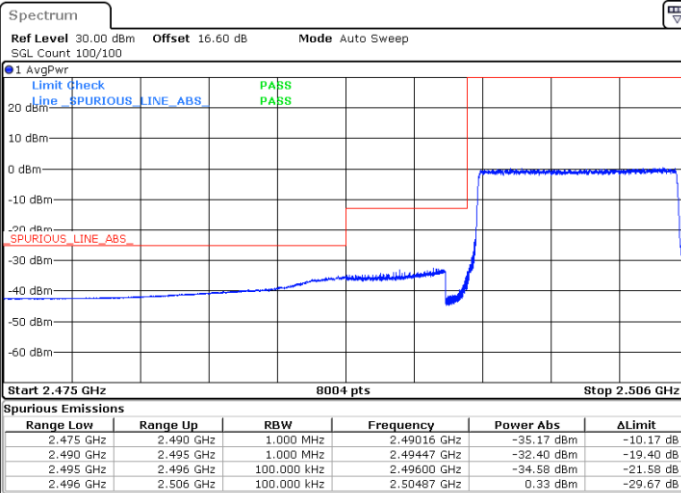


Highest Band Edge / Full RB

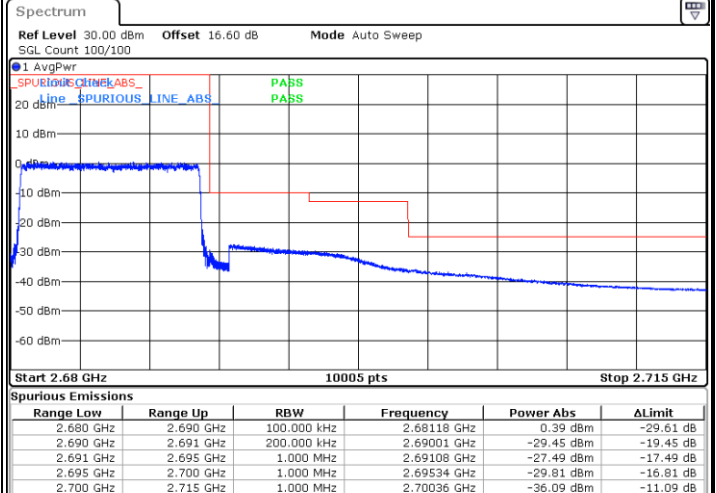


LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / Full RB



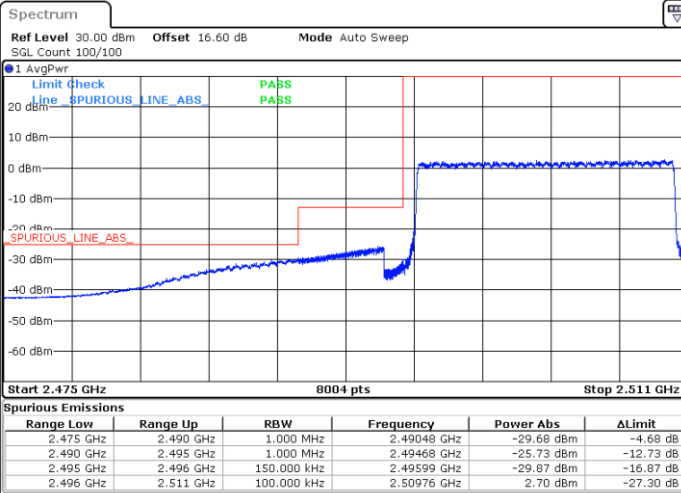
Highest Band Edge / Full RB



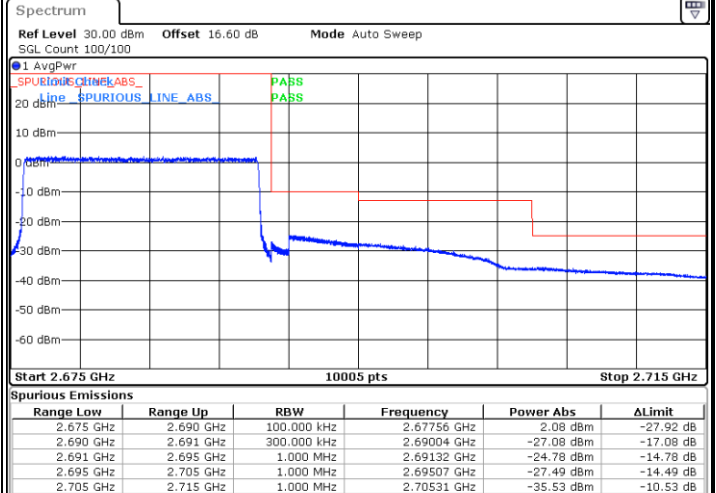


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB

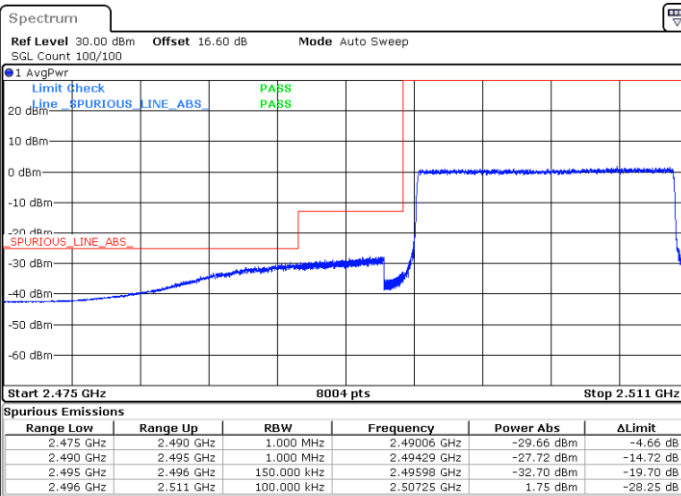


Highest Band Edge / Full RB

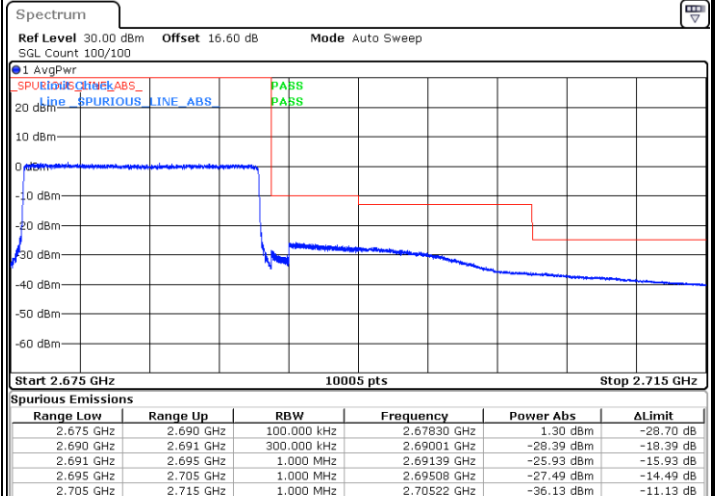


LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB



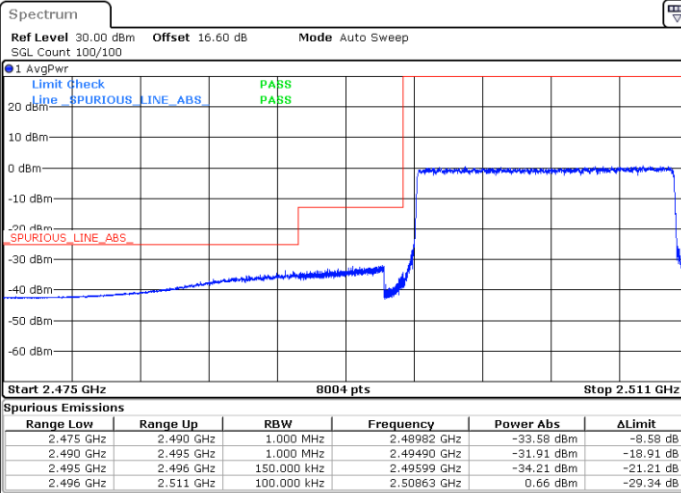
Highest Band Edge / Full RB



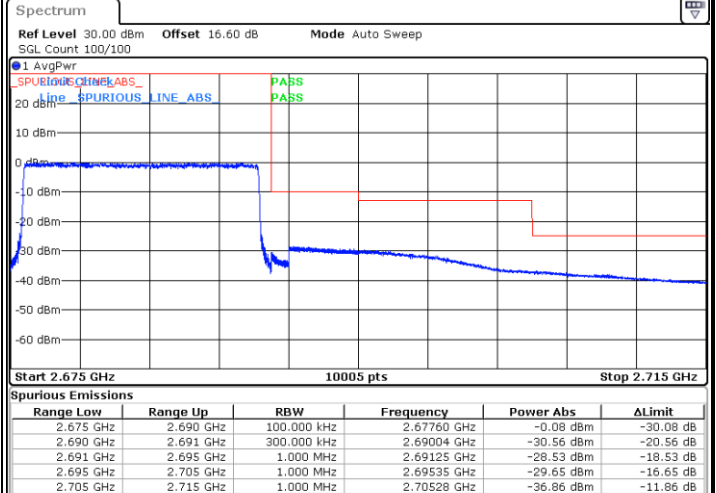


LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB

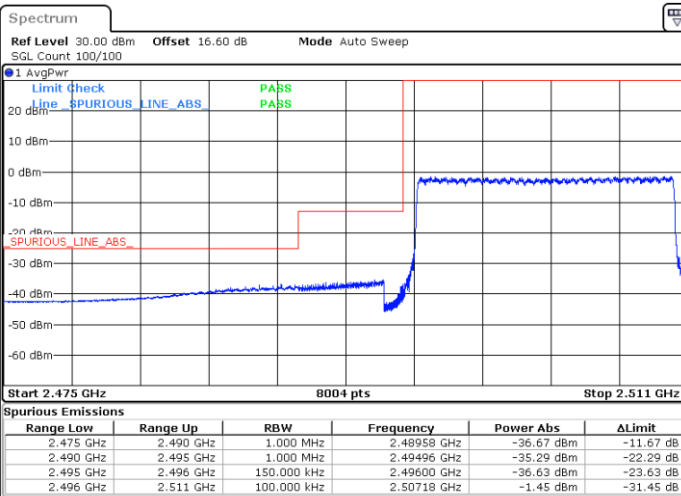


Highest Band Edge / Full RB

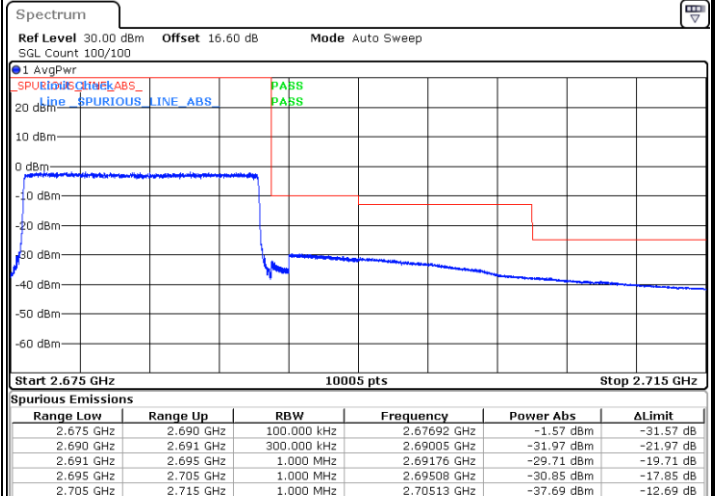


LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



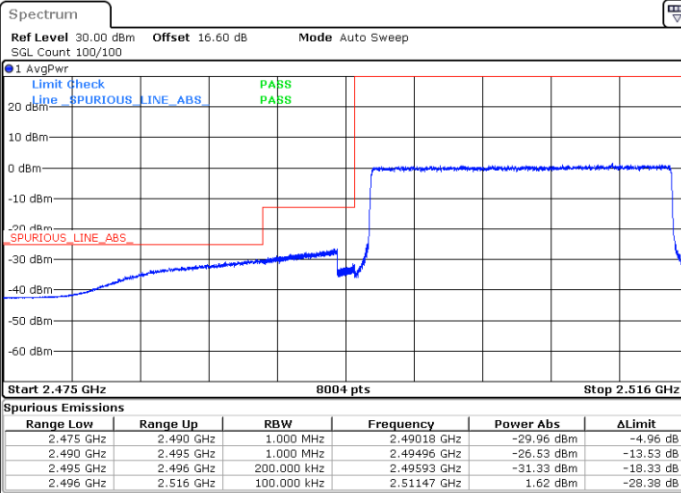
Highest Band Edge / Full RB





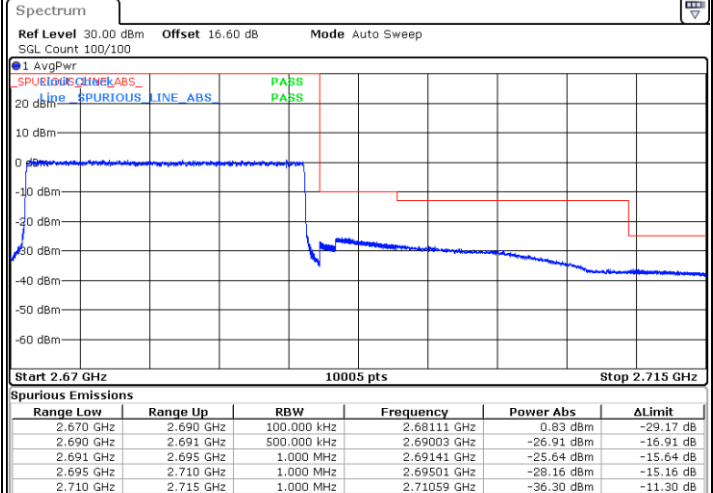
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 20.MAY.2023 20:19:29

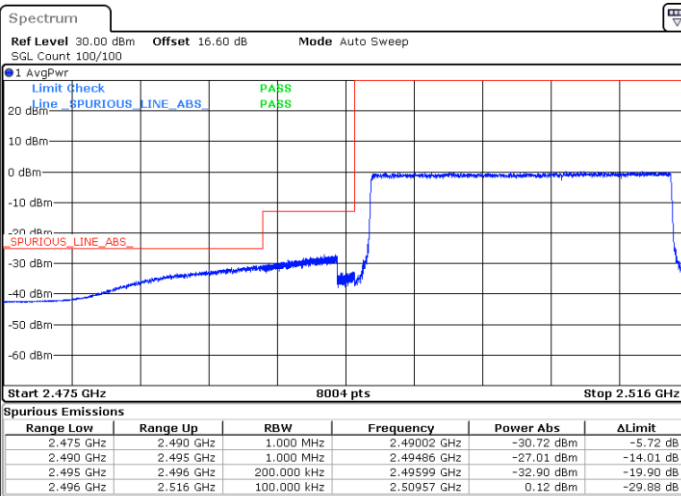
Highest Band Edge / Full RB



Date: 20.MAY.2023 20:28:43

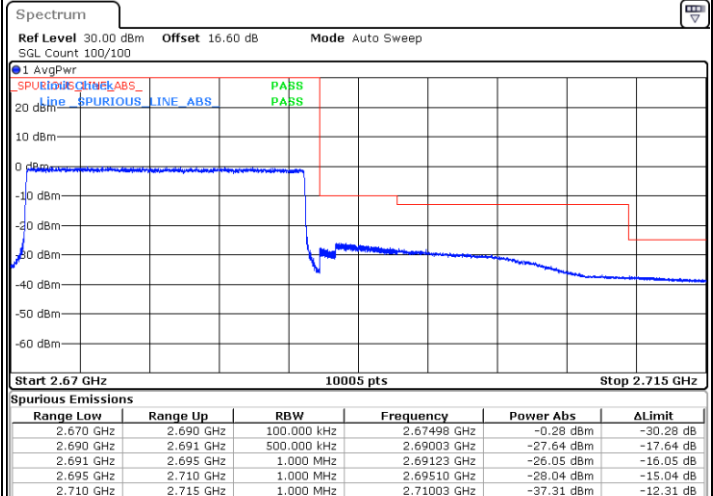
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 20.MAY.2023 20:20:49

Highest Band Edge / Full RB

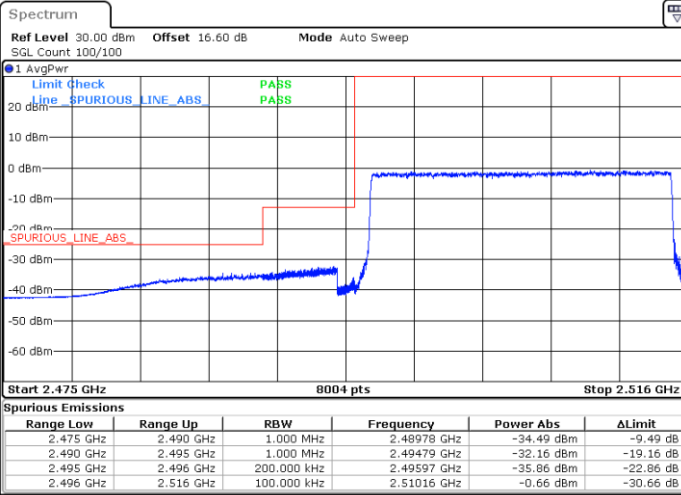


Date: 20.MAY.2023 20:30:03

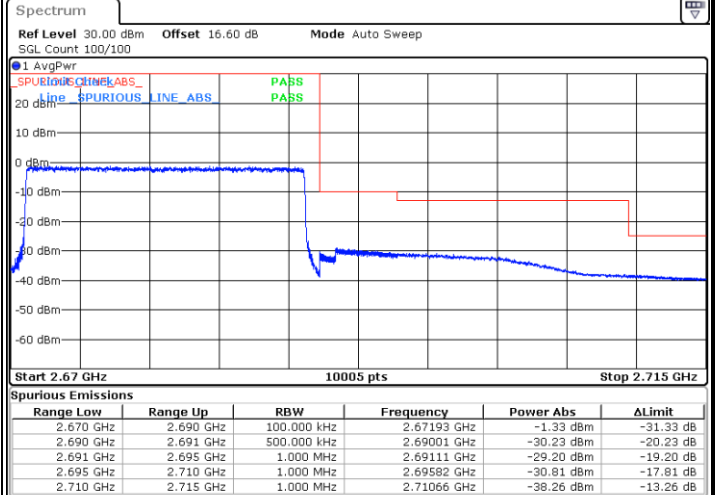


LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB

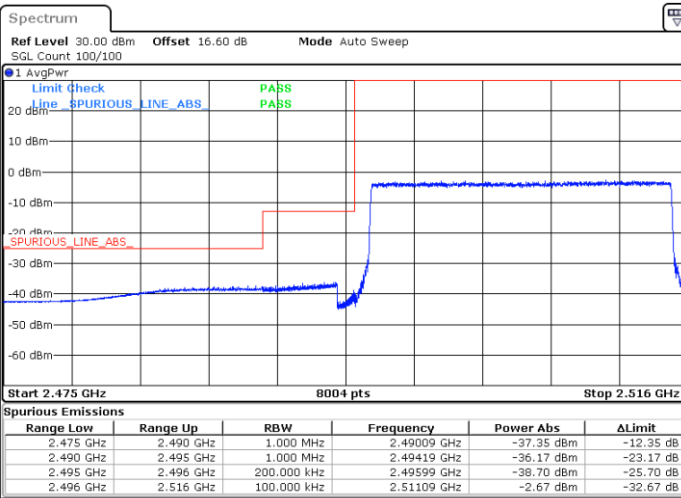


Highest Band Edge / Full RB

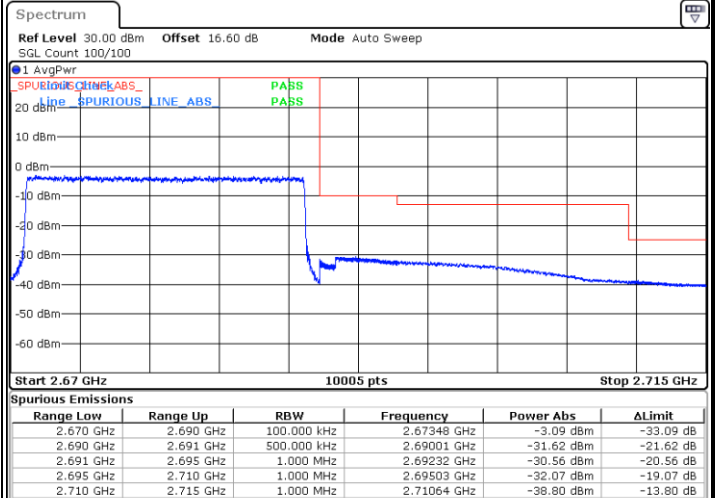


LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

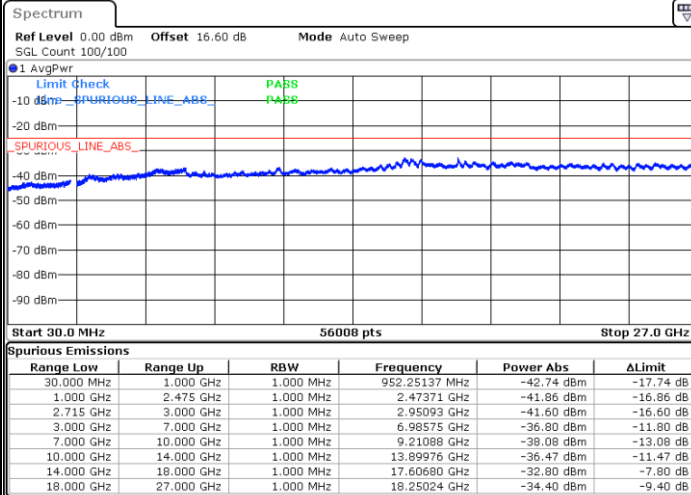




Conducted Spurious Emission

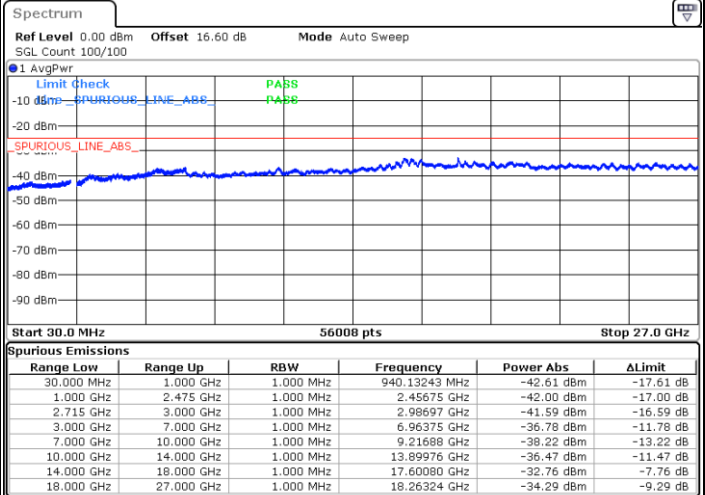
LTE Band 41 / 5MHz

Lowest Channel / QPSK



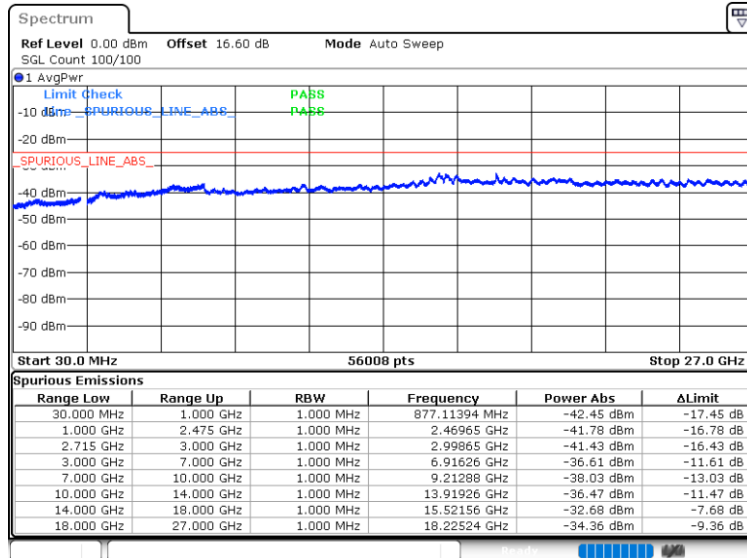
Date: 20.MAY.2023 19:29:16

Middle Channel / QPSK



Date: 20.MAY.2023 19:35:56

Highest Channel / QPSK

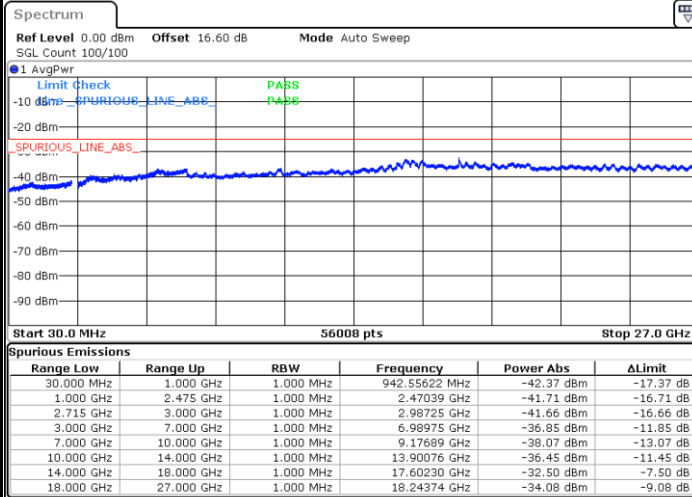


Date: 20.MAY.2023 19:50:51



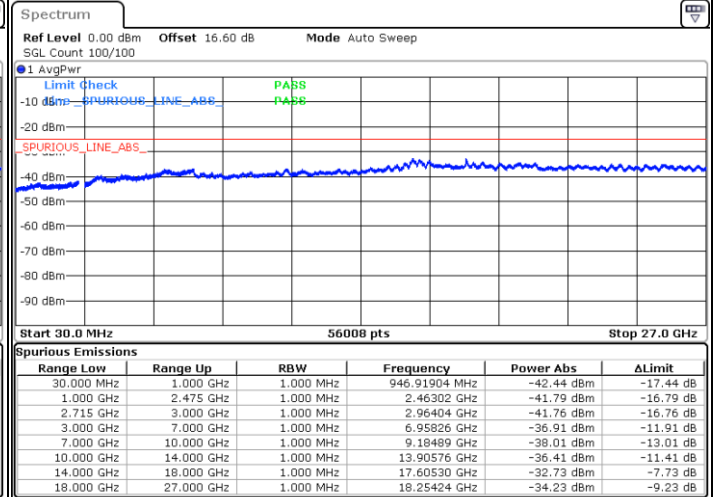
LTE Band 41 / 10MHz

Lowest Channel / QPSK



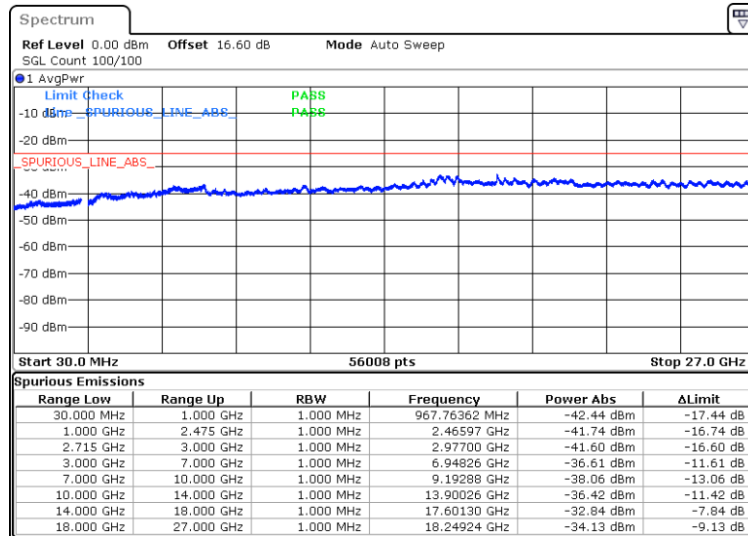
Date: 20.MAY.2023 20:34:06

Middle Channel / QPSK



Date: 20.MAY.2023 20:35:24

Highest Channel / QPSK

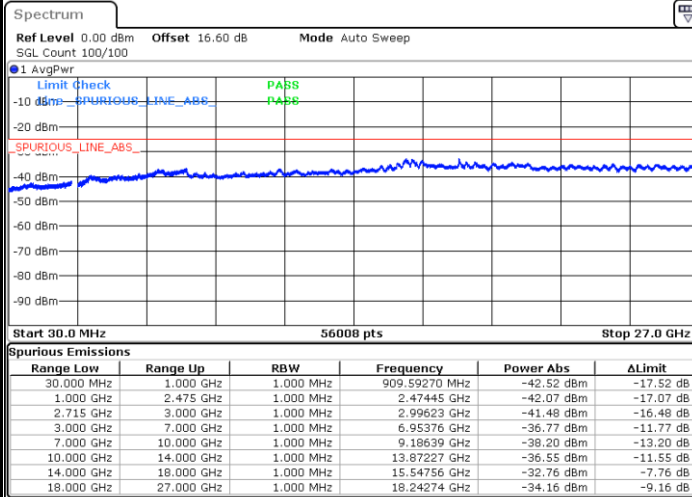


Date: 20.MAY.2023 20:36:43



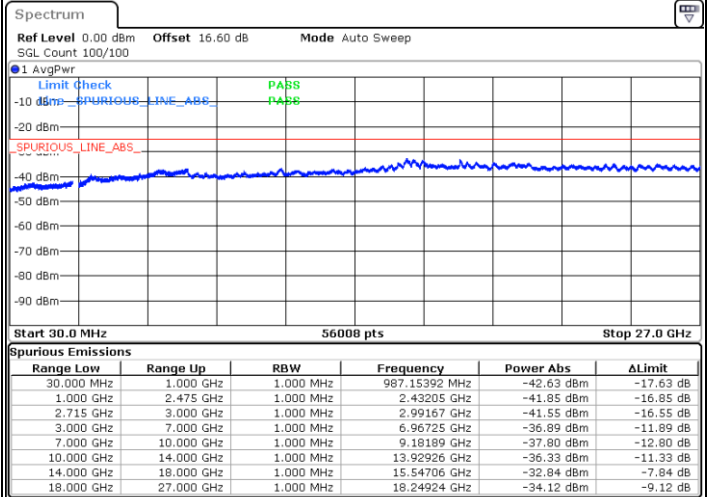
LTE Band 41 / 15MHz

Lowest Channel / QPSK



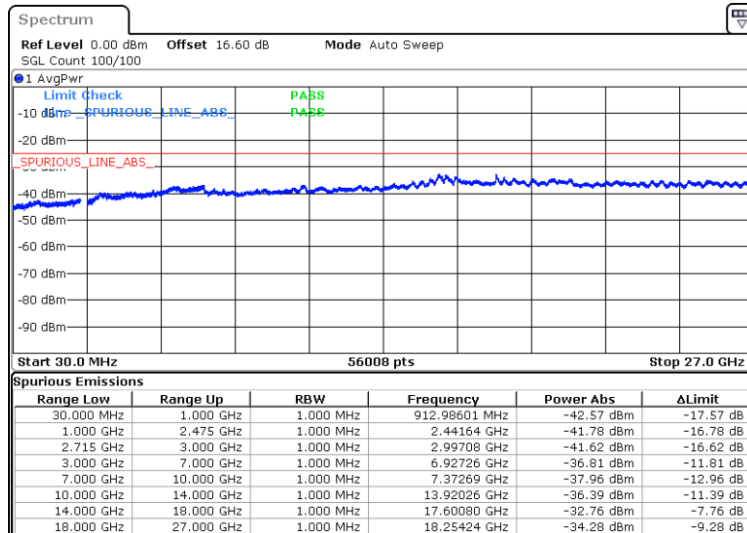
Date: 20.MAY.2023 20:38:06

Middle Channel / QPSK



Date: 20.MAY.2023 20:39:24

Highest Channel / QPSK

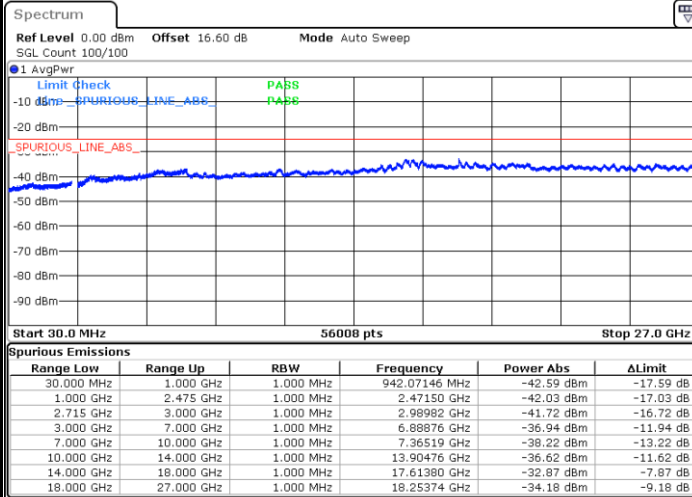


Date: 20.MAY.2023 20:40:42



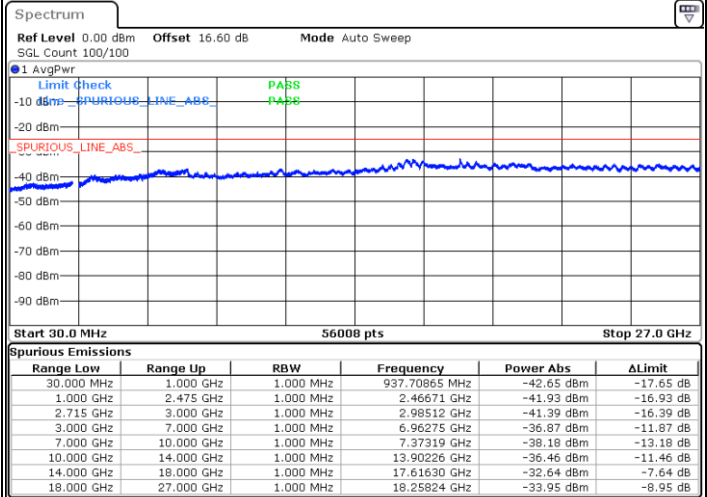
LTE Band 41 / 20MHz

Lowest Channel / QPSK



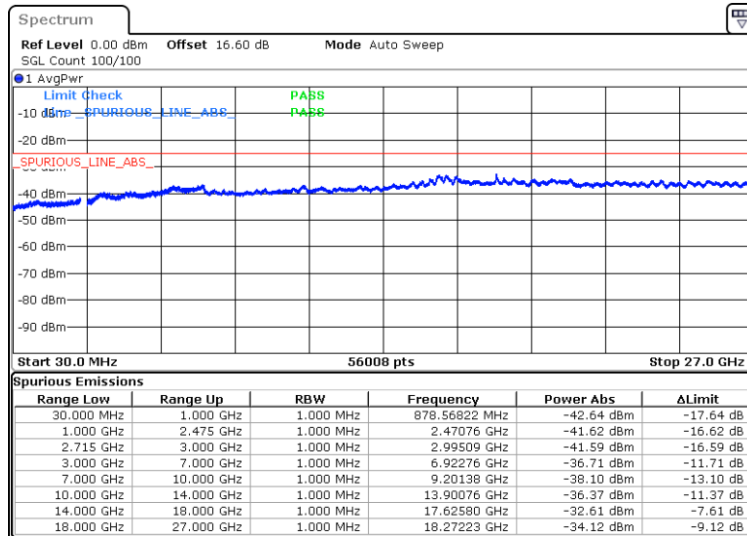
Date: 20.MAY.2023 20:42:06

Middle Channel / QPSK



Date: 20.MAY.2023 20:43:24

Highest Channel / QPSK



Date: 20.MAY.2023 20:44:43

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	0.0019	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0061	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 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
Middle CH	24.83	25.13	30.03	25.28	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	25.43	29.91	35.04	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.18	29.85	25.18	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.88	30.15	34.90	39.64

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.13	29.85	25.33	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	24.98	29.97	34.90	39.80

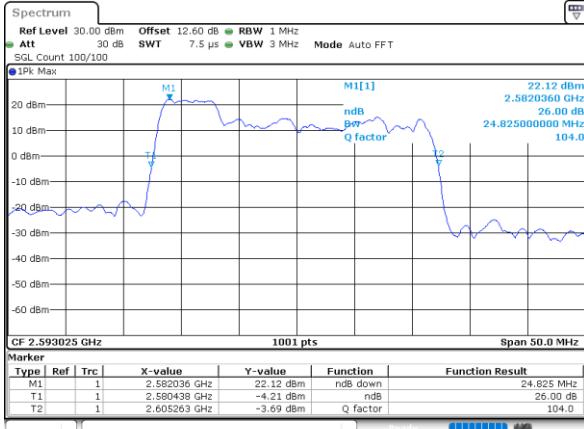
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.08	29.97	25.13	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	25.03	30.03	35.18	39.64



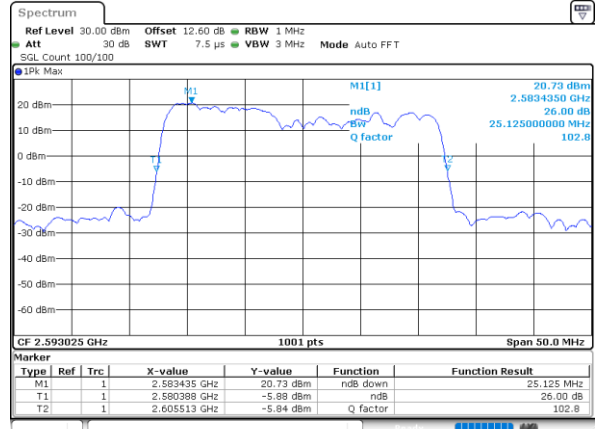
LTE Band 41C

QPSK

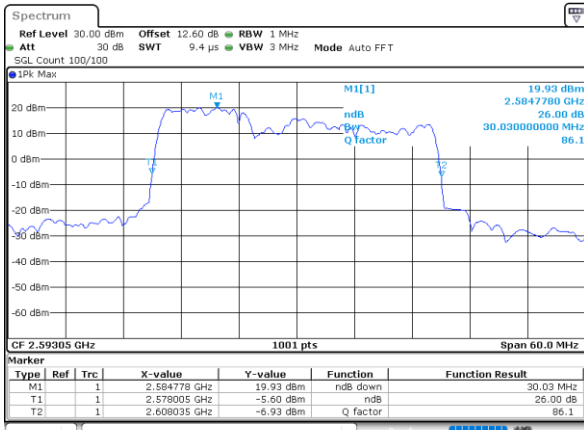
Middle Channel / 5MHz+20MHz



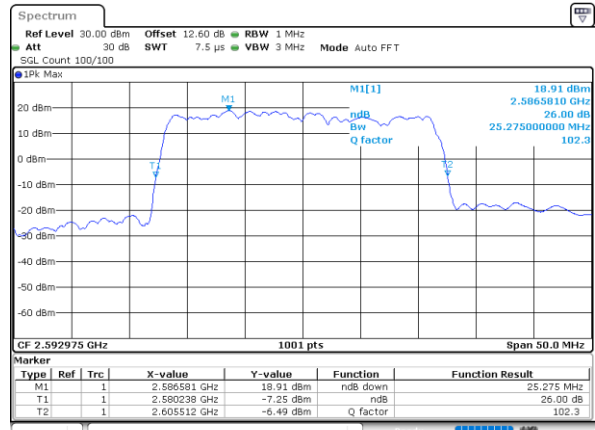
Middle Channel / 10MHz+15MHz



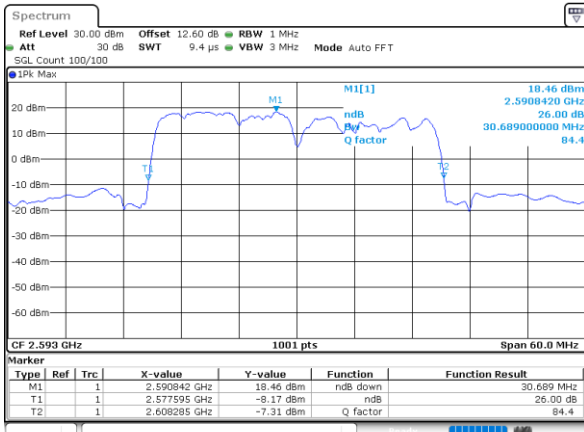
Middle Channel / 10MHz+20MHz



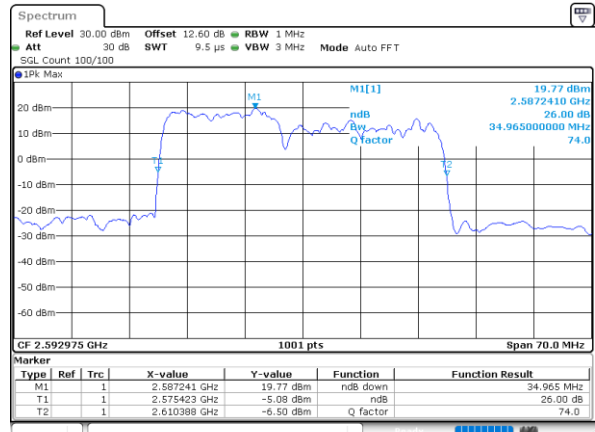
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



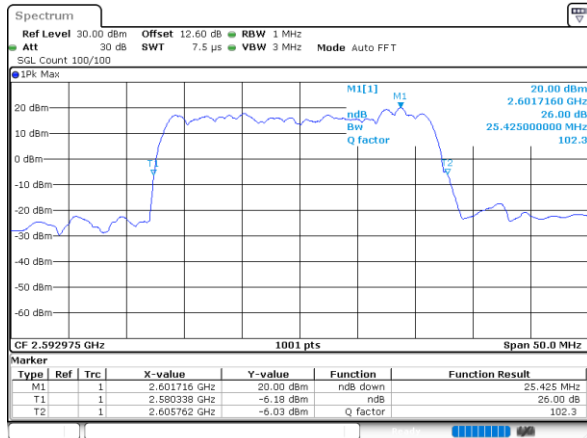
Middle Channel / 15MHz+20MHz





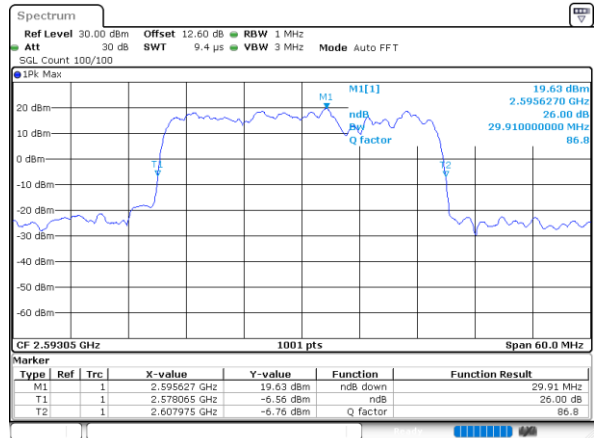
LTE Band 41C

Middle Channel / 20MHz+5MHz



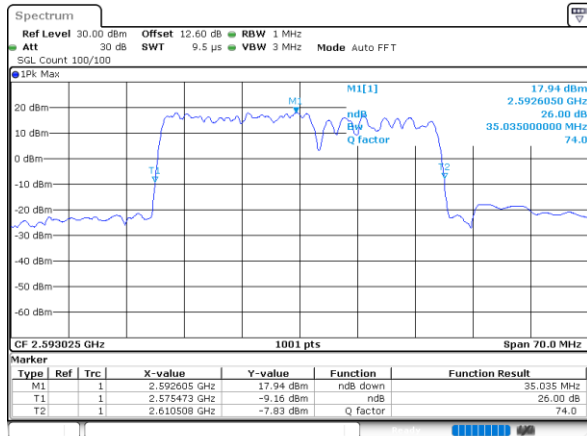
Date: 9,JUN,2023 05:45:43

Middle Channel / 20MHz+10MHz



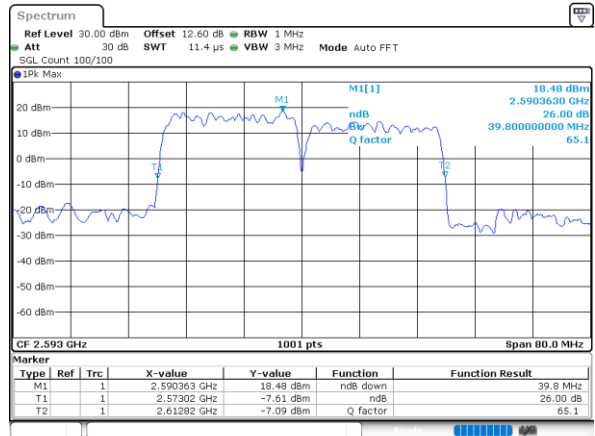
Date: 9,JUN,2023 06:06:00

Middle Channel / 20MHz+15MHz



Date: 9,JUN,2023 06:20:31

Middle Channel / 20MHz+20MHz

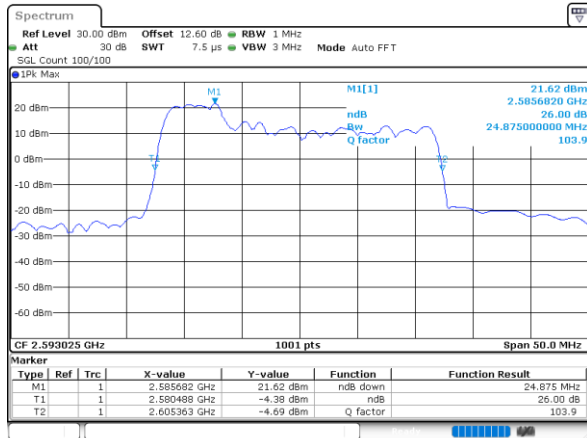


Date: 9,JUN,2023 06:24:52

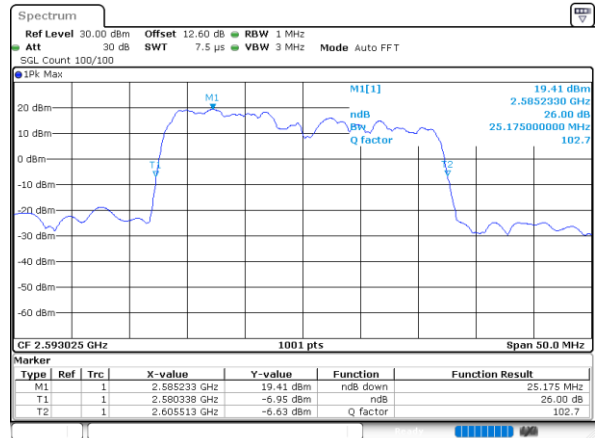


LTE Band 41C

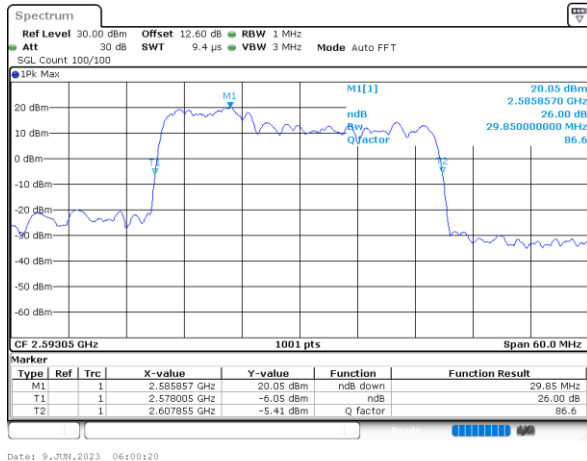
Middle Channel / 5MHz+20MHz



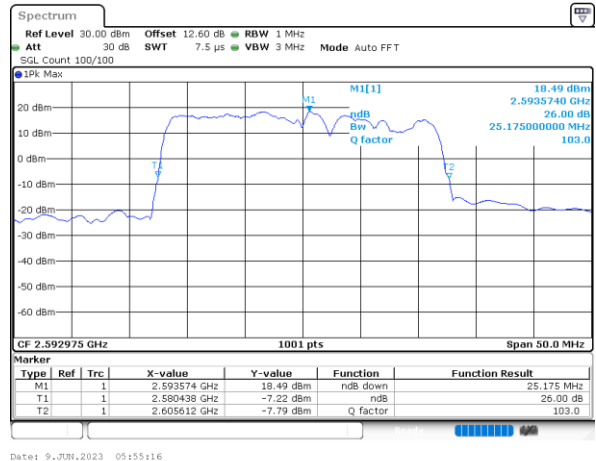
Middle Channel / 10MHz+15MHz



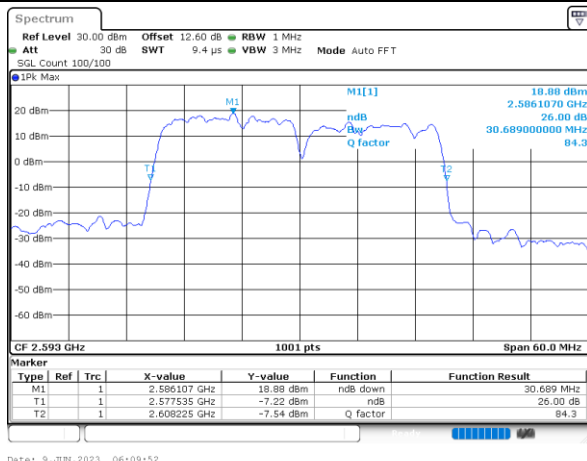
Middle Channel / 10MHz+20MHz



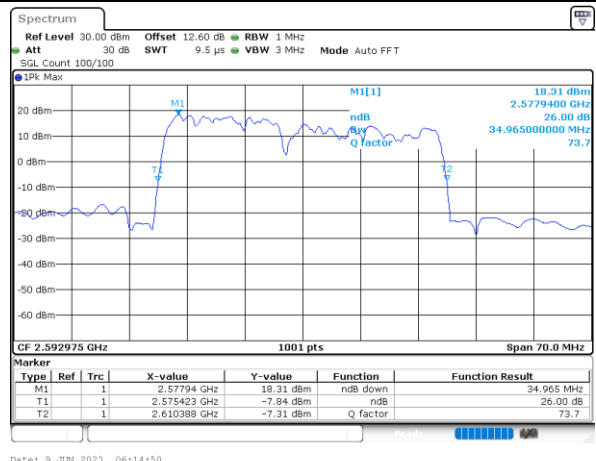
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

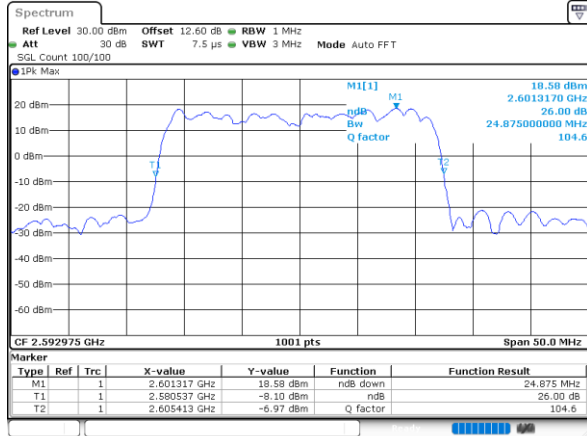




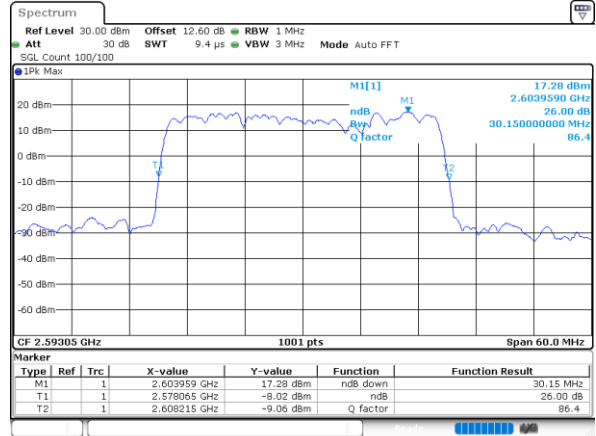
LTE Band 41C

16QAM

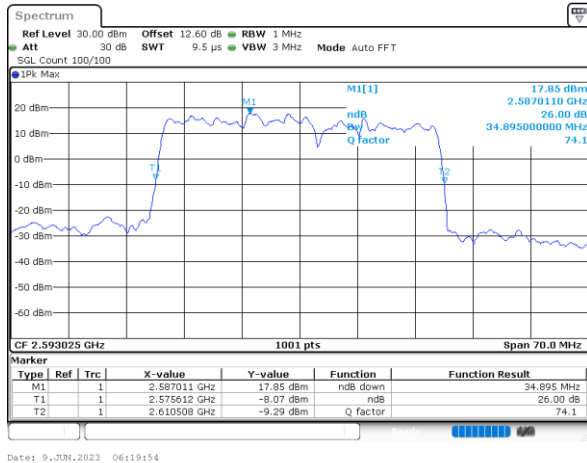
Middle Channel / 20MHz+5MHz



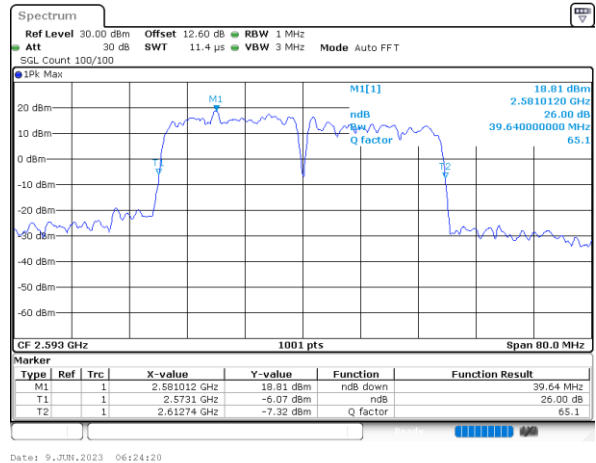
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

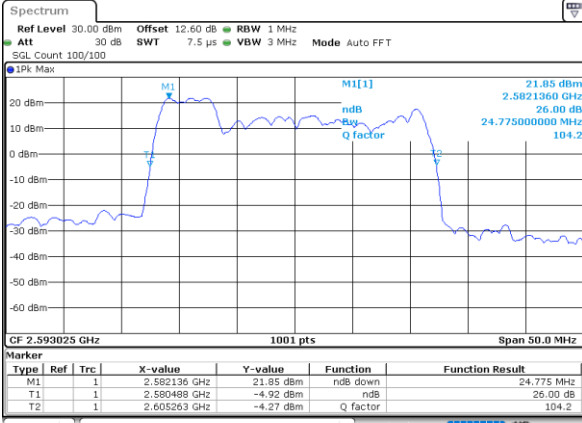




LTE Band 41C

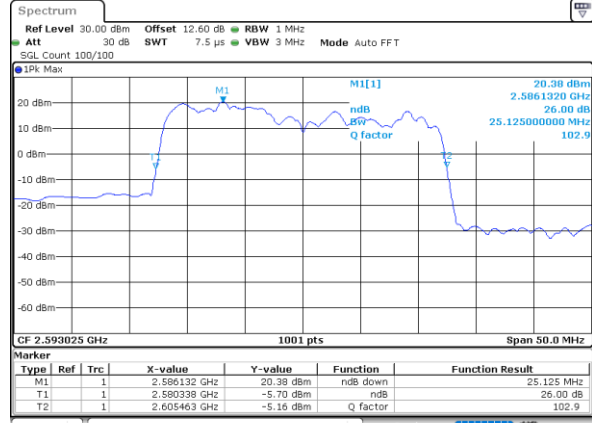
64QAM

Middle Channel / 5MHz+20MHz



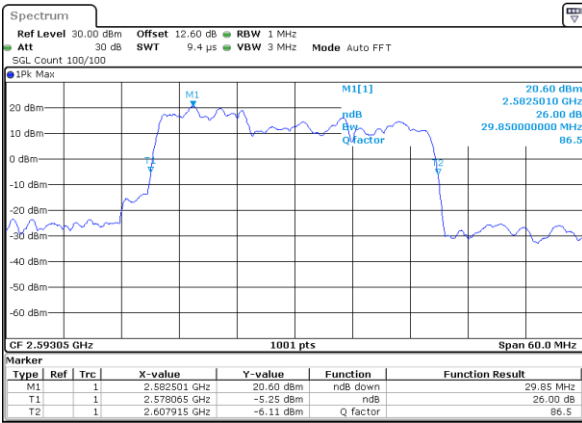
Date: 9 JUN 2023 05:39:24

Middle Channel / 10MHz+15MHz



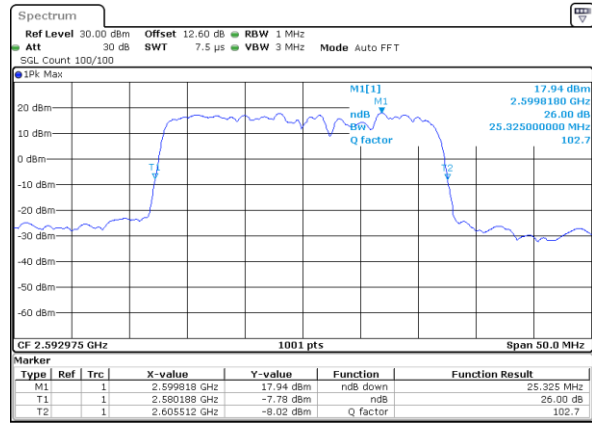
Date: 9 JUN 2023 05:49:33

Middle Channel / 10MHz+20MHz



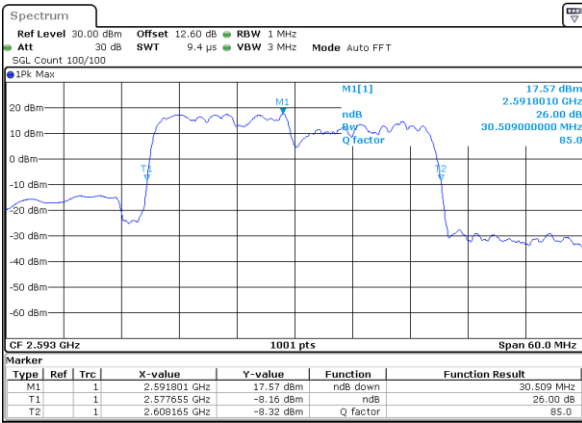
Date: 9 JUN 2023 05:59:43

Middle Channel / 15MHz+10MHz



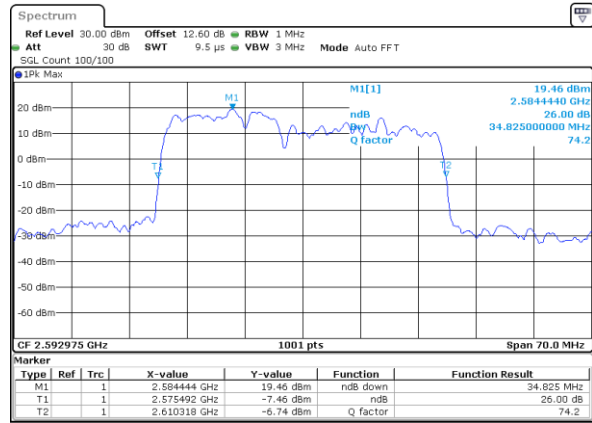
Date: 9 JUN 2023 05:54:39

Middle Channel / 15MHz+15MHz



Date: 9 JUN 2023 06:09:20

Middle Channel / 15MHz+20MHz



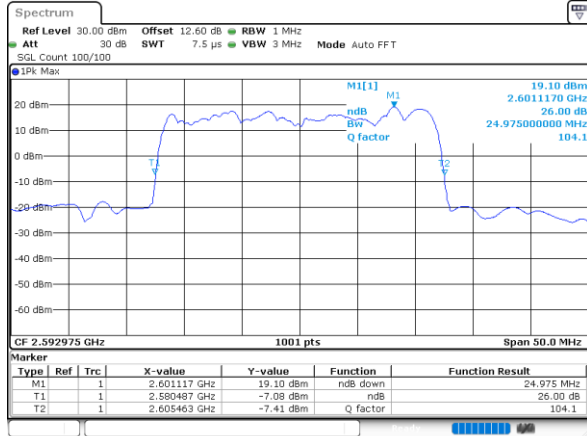
Date: 9 JUN 2023 06:14:13



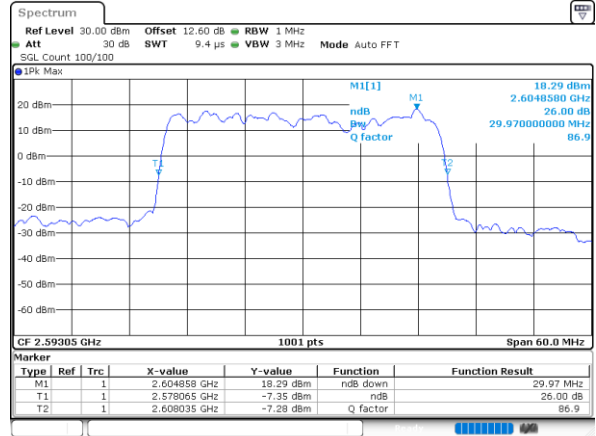
LTE Band 41C

64QAM

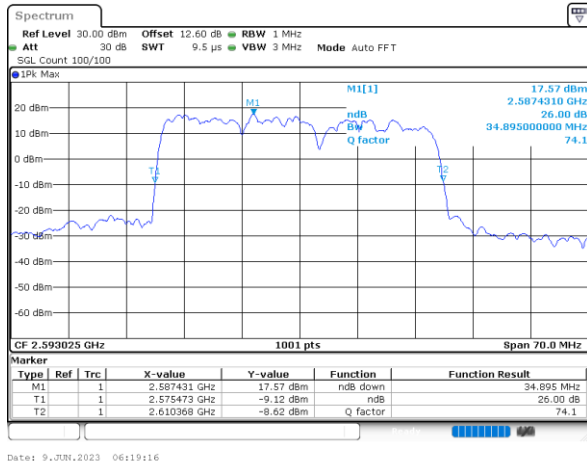
Middle Channel / 20MHz+5MHz



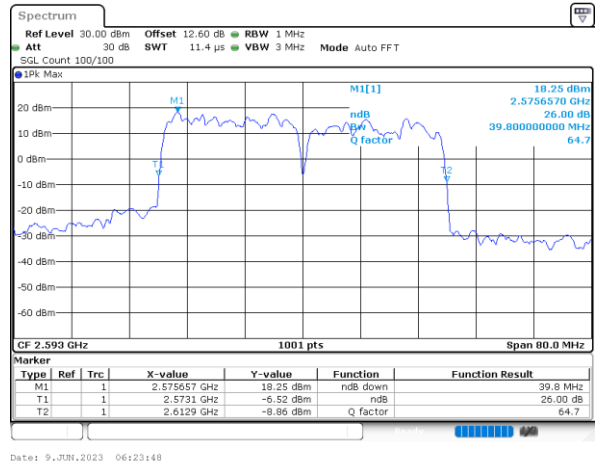
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

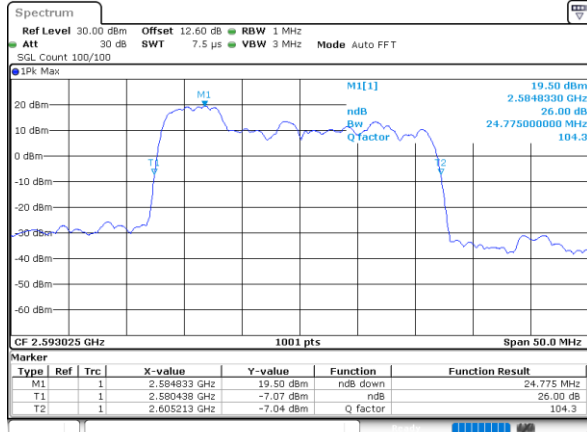




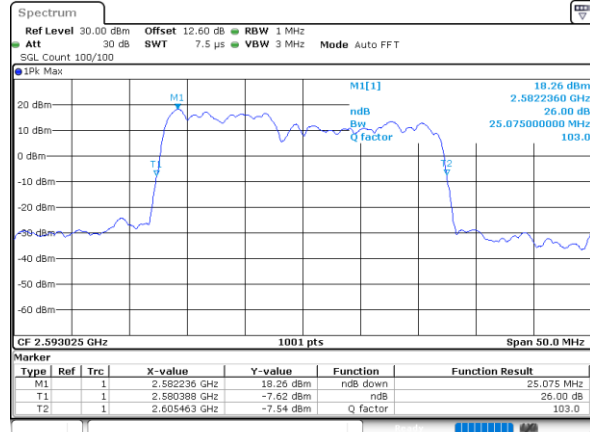
LTE Band 41C

256QAM

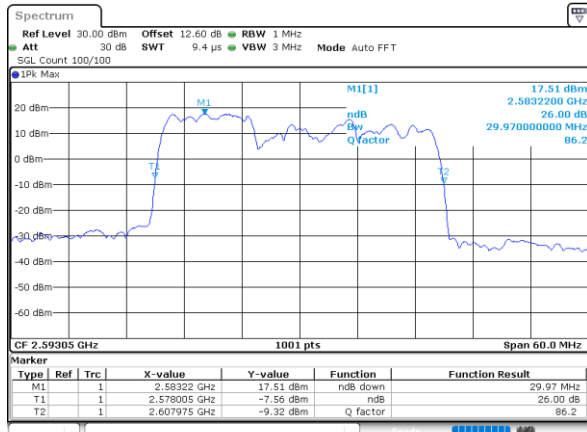
Middle Channel / 5MHz+20MHz



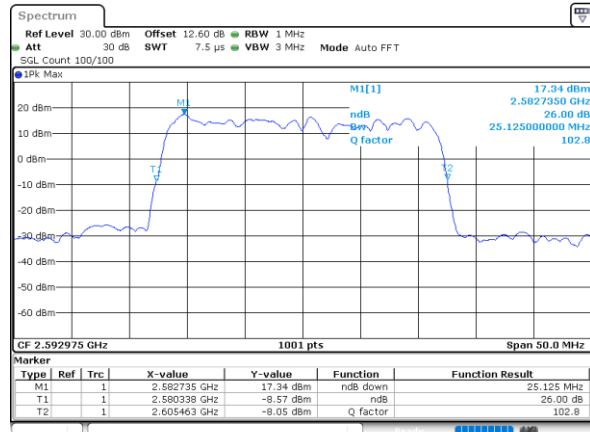
Middle Channel / 10MHz+15MHz



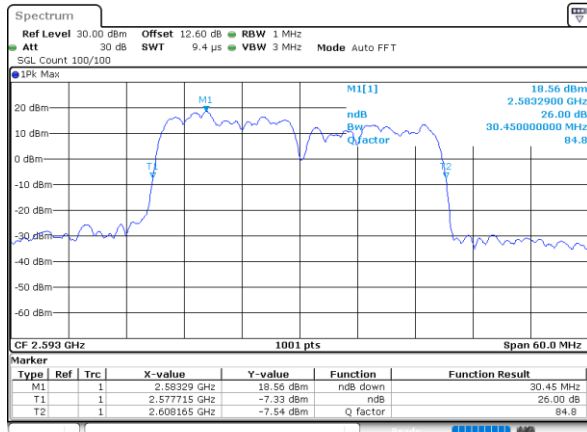
Middle Channel / 10MHz+20MHz



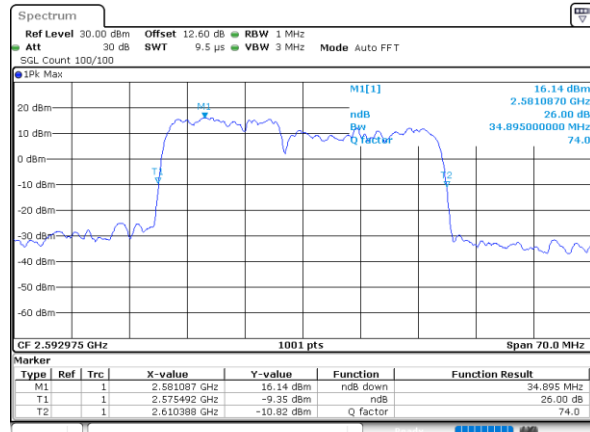
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

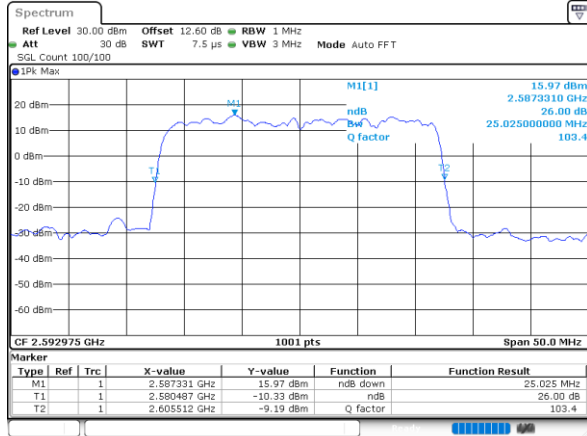




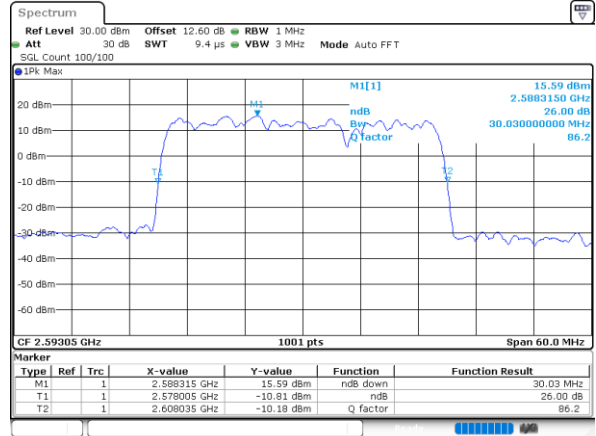
LTE Band 41C

256QAM

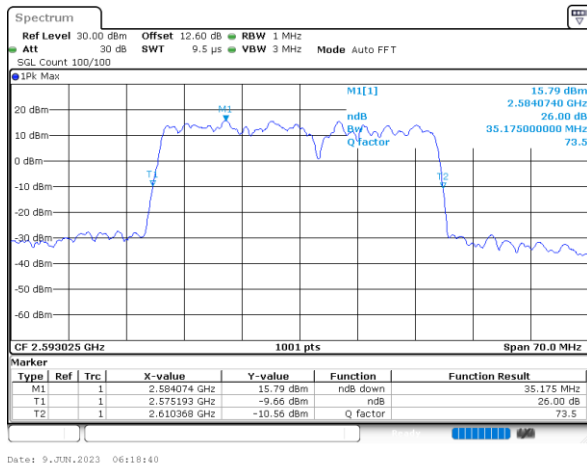
Middle Channel / 20MHz+5MHz



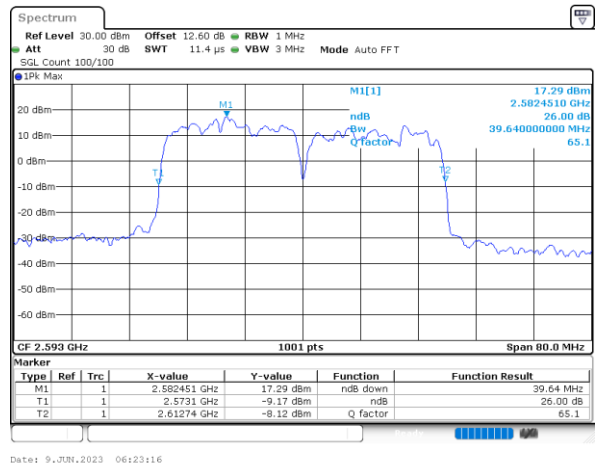
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.93	23.43	27.93	23.08	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.28	27.93	32.87	37.64

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.38	23.13	27.87	23.68	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.08	28.23	32.94	37.48

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.08	23.48	28.11	23.23	27.99
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.08	23.28	28.05	32.73	37.80

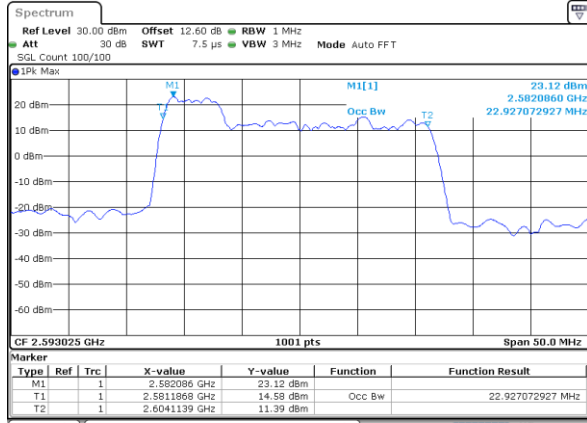
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.48	27.99	23.23	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.13	28.17	32.87	37.40



LTE Band 41C

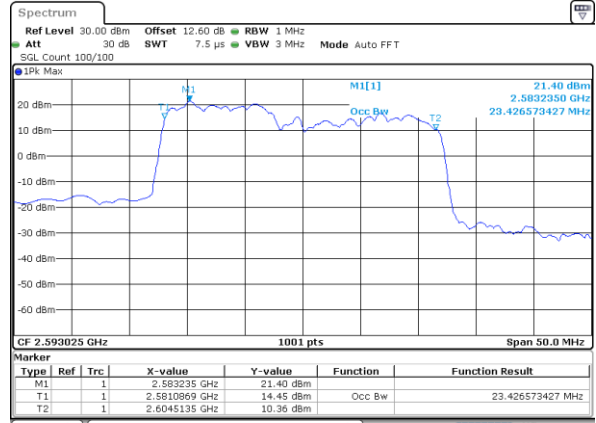
QPSK

Middle Channel / 5MHz+20MHz



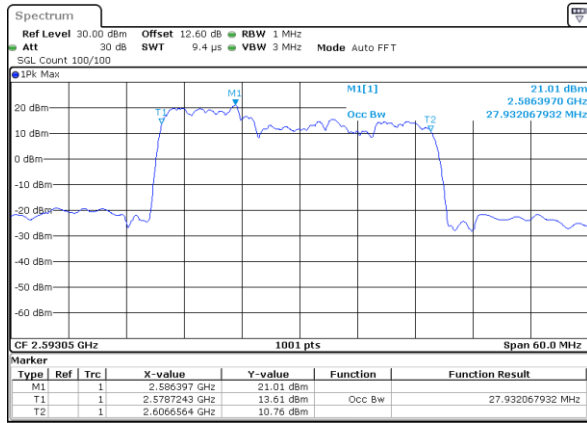
Date: 9 JUN 2023 05:16:21

Middle Channel / 10MHz+15MHz



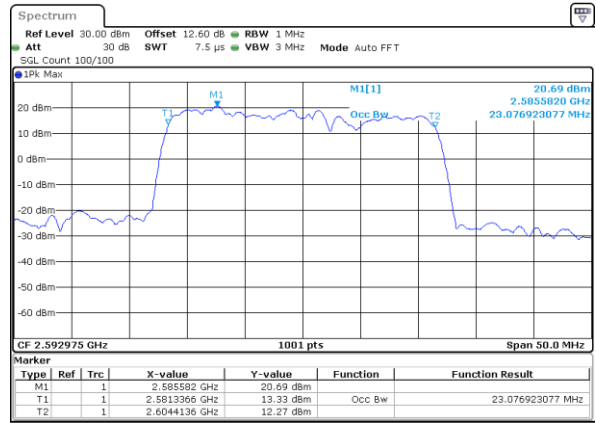
Date: 9 JUN 2023 05:16:29

Middle Channel / 10MHz+20MHz



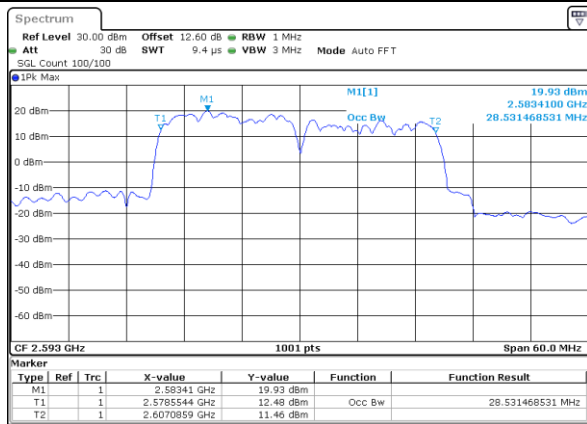
Date: 9 JUN 2023 05:16:38

Middle Channel / 15MHz+10MHz



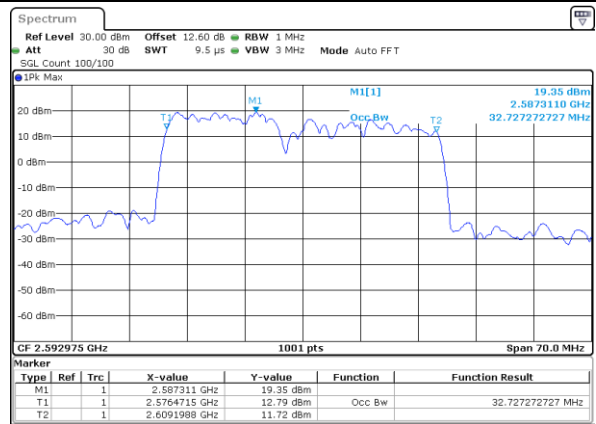
Date: 9 JUN 2023 05:11:34

Middle Channel / 15MHz+15MHz



Date: 9 JUN 2023 06:10:41

Middle Channel / 15MHz+20MHz



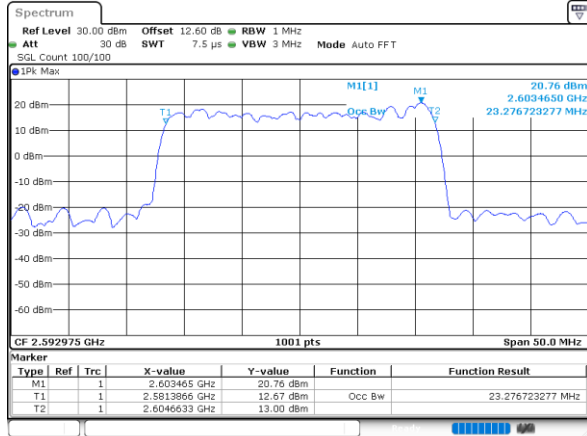
Date: 9 JUN 2023 06:11:08



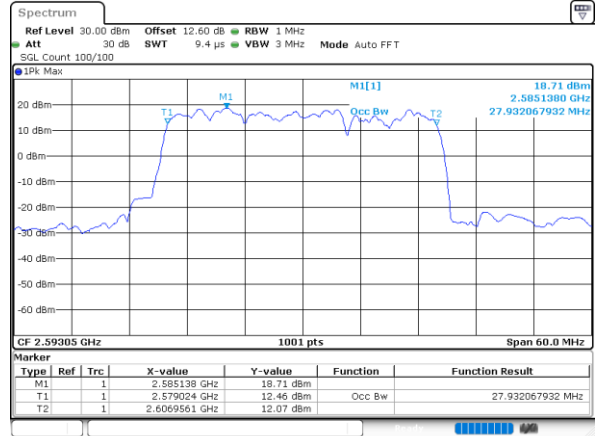
LTE Band 41C

QPSK

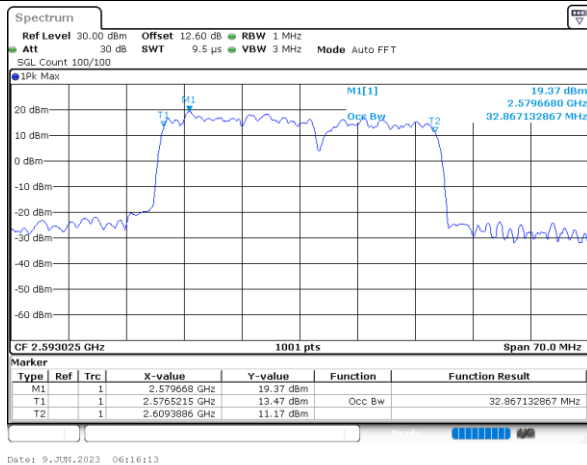
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

