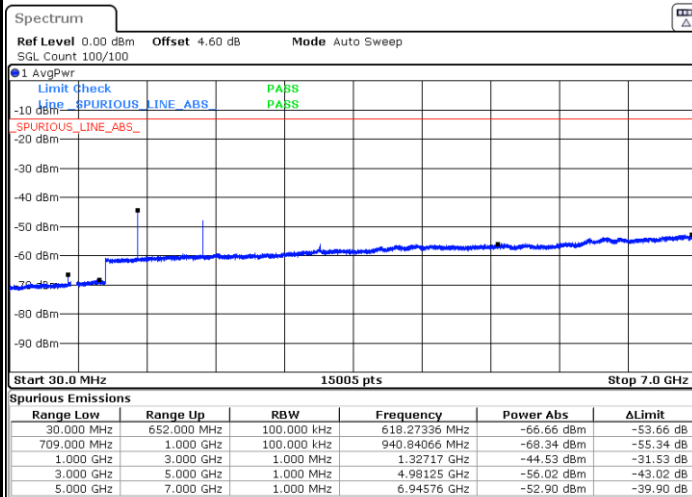




Conducted Spurious Emission

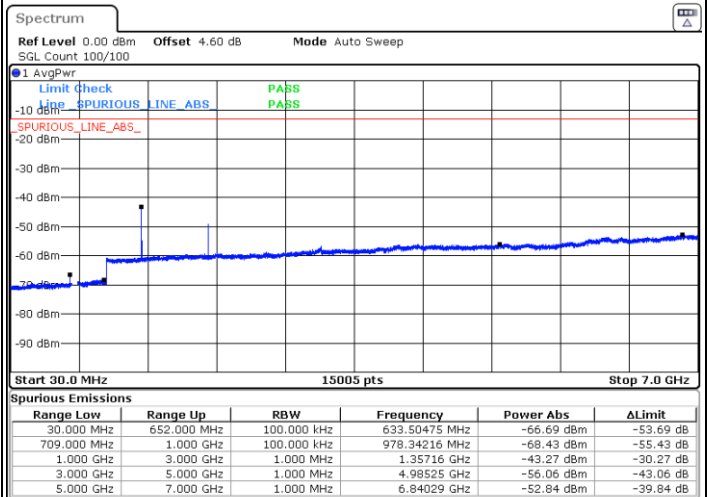
LTE Band 71 / 5MHz

Lowest Channel / QPSK



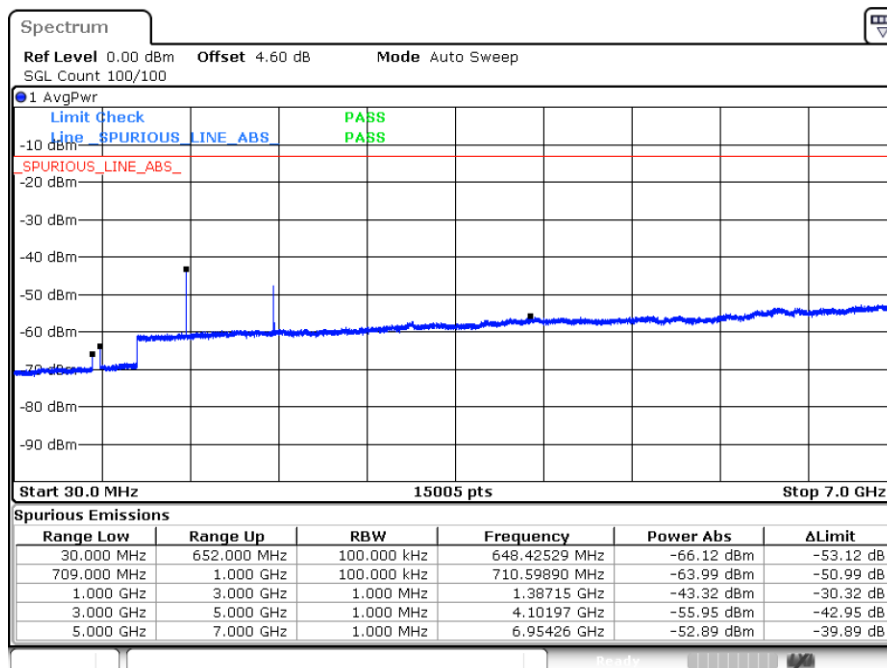
Date: 26.APR.2022 22:16:13

Middle Channel / QPSK



Date: 26.APR.2022 22:14:54

Highest Channel / QPSK

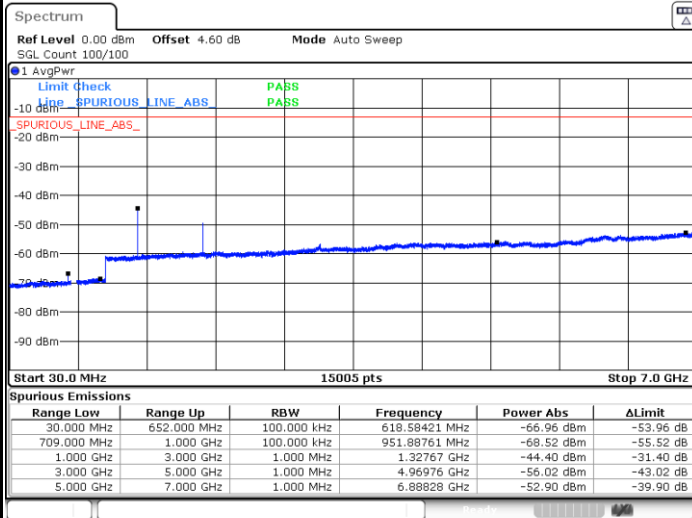


Date: 27.APR.2022 10:20:12



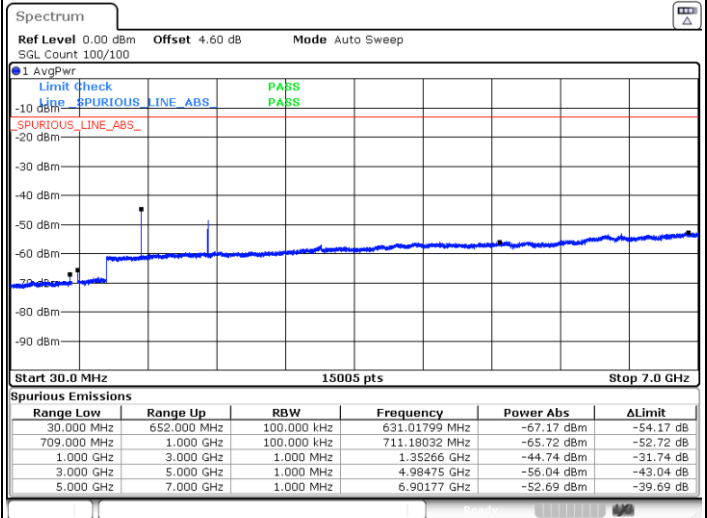
LTE Band 71 / 10MHz

Lowest Channel / QPSK



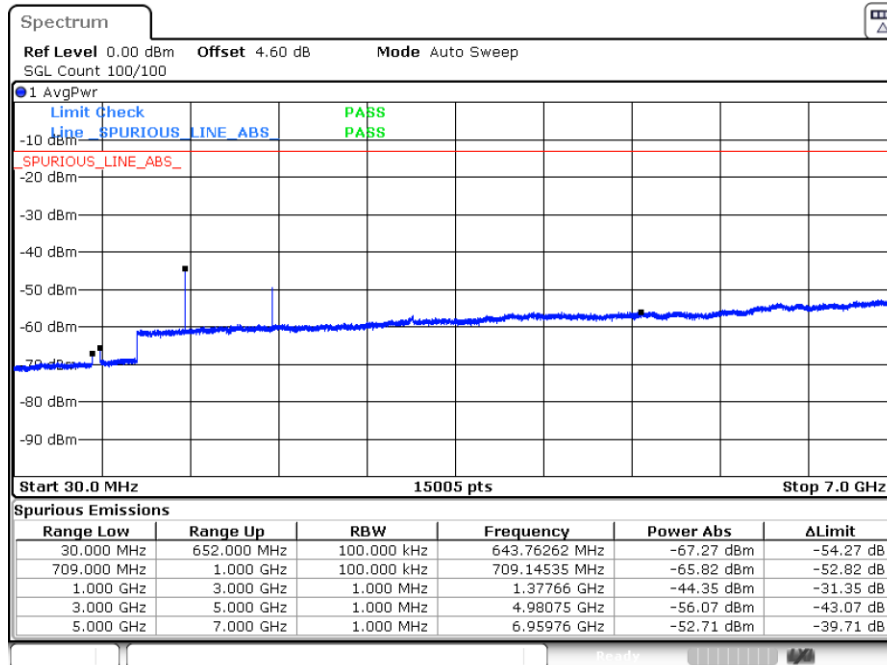
Date: 26.APR.2022 22:32:34

Middle Channel / QPSK



Date: 26.APR.2022 22:33:53

Highest Channel / QPSK

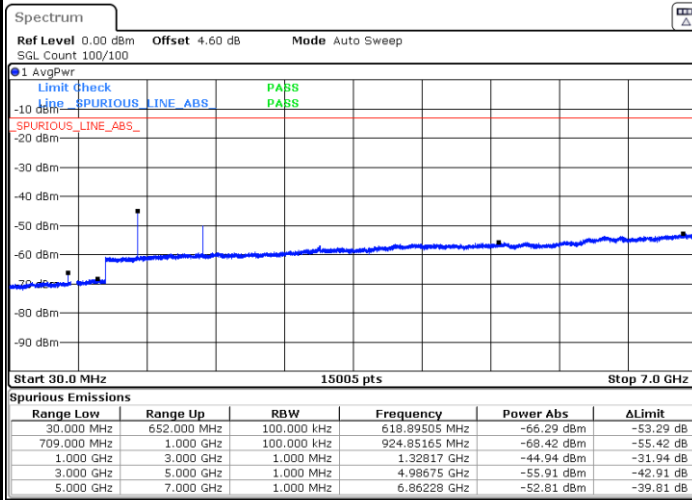


Date: 26.APR.2022 22:35:12



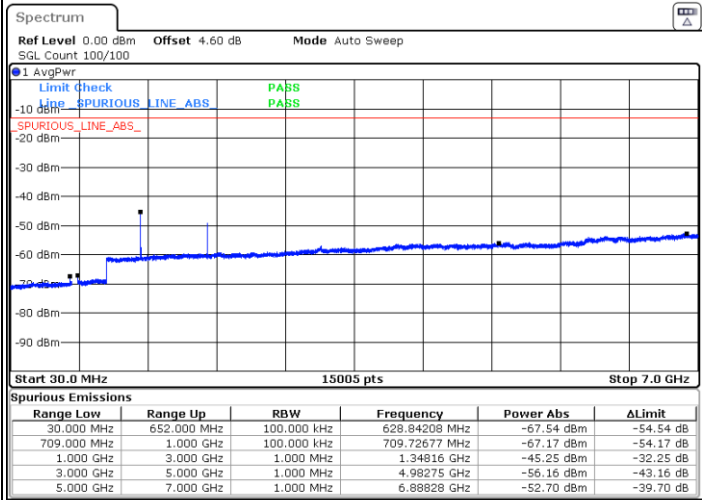
LTE Band 71 / 15MHz

Lowest Channel / QPSK



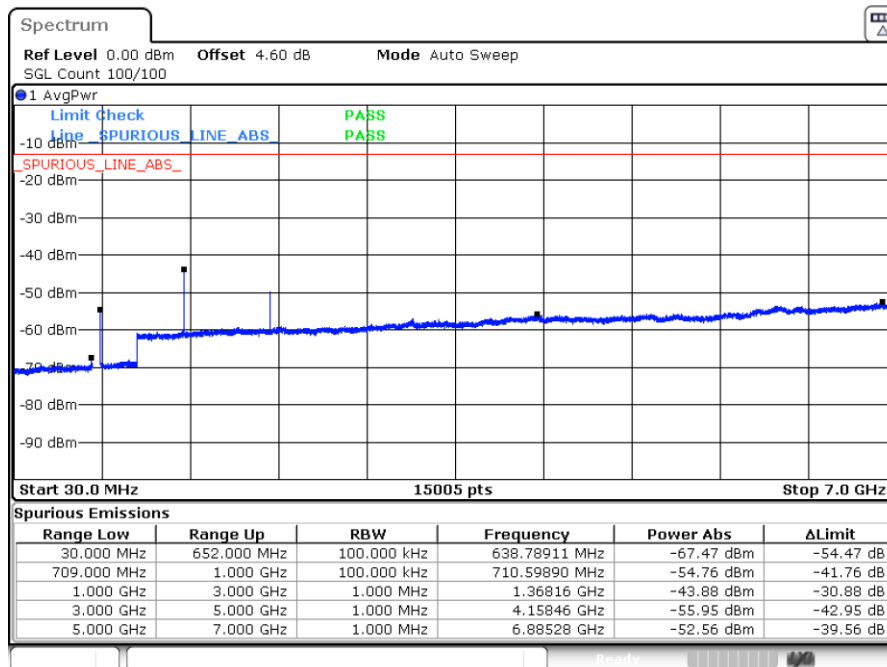
Date: 26.APR.2022 22:55:43

Middle Channel / QPSK



Date: 26.APR.2022 22:54:24

Highest Channel / QPSK



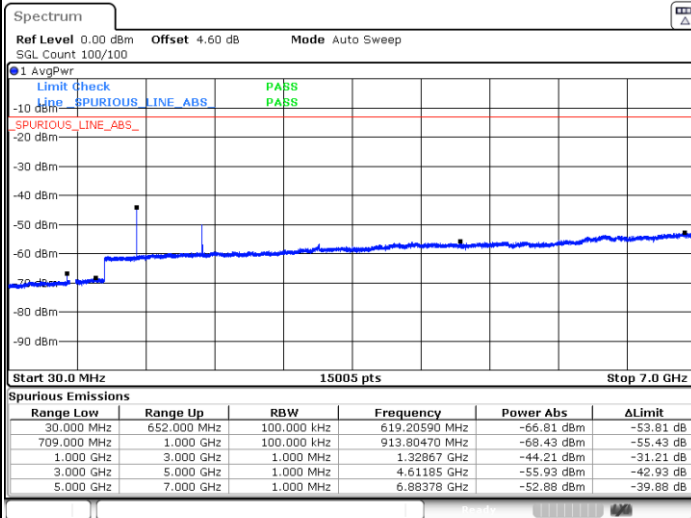
Date: 26.APR.2022 22:57:03



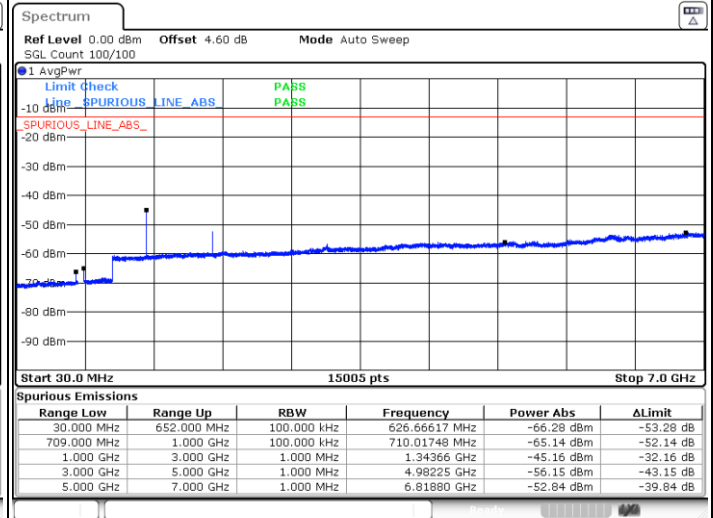
LTE Band 71 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

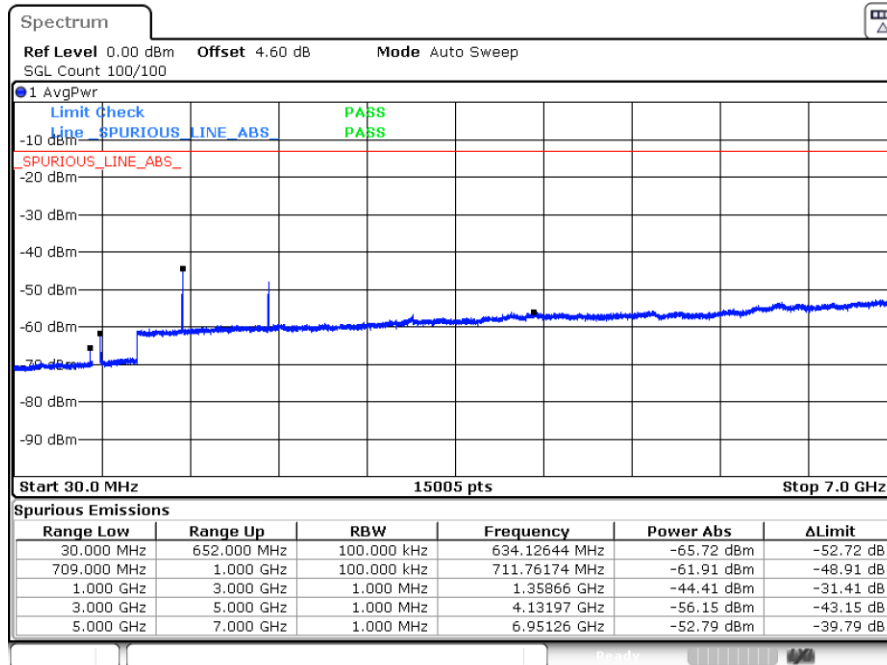


Date: 26.APR.2022 23:25:45



Date: 26.APR.2022 23:27:04

Highest Channel / QPSK



Date: 26.APR.2022 23:24:25

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0037	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0053	
20	Maximum Voltage	0.0121	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0205	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

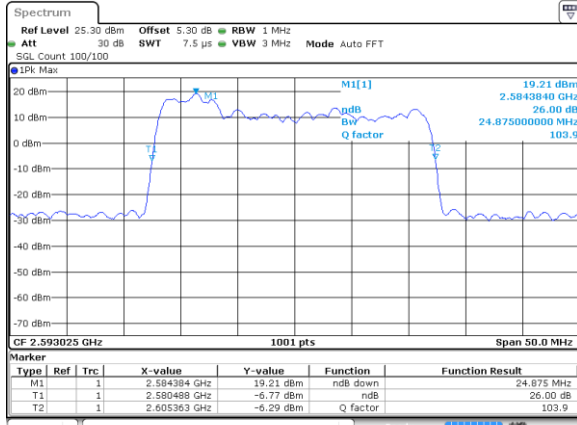
Mode	LTE Band 41C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.88	24.98
Mod.	QPSK	16QAM
BW	10MHz+15MHz	10MHz+15MHz
Middle CH	25.33	25.28
Mod.	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	29.91	29.85
Mod.	QPSK	16QAM
BW	15MHz+10MHz	15MHz+10MHz
Middle CH	25.23	25.23
Mod.	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.63	30.51
Mod.	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.76	35.04
Mod.	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	25.08	24.98
Mod.	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.03	30.09
Mod.	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	35.04	34.83
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.96	40.12



LTE Band41C

QPSK

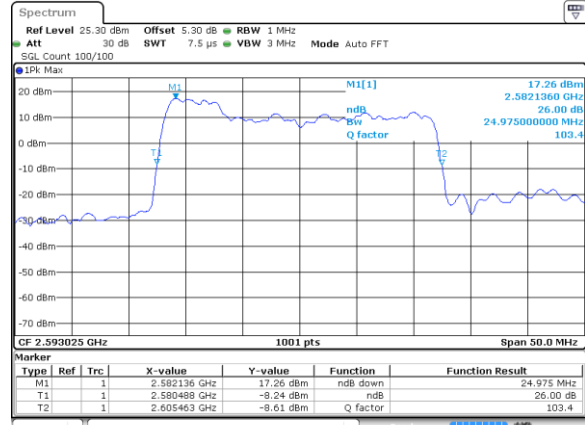
Middle Channel / 5MHz+20MHz



Date: 26 MAY 2022 01:39:39

16QAM

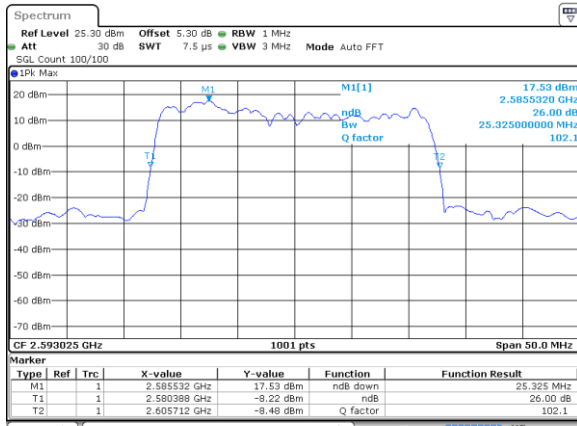
Middle Channel / 5MHz+20MHz



Date: 26 MAY 2022 01:40:07

QPSK

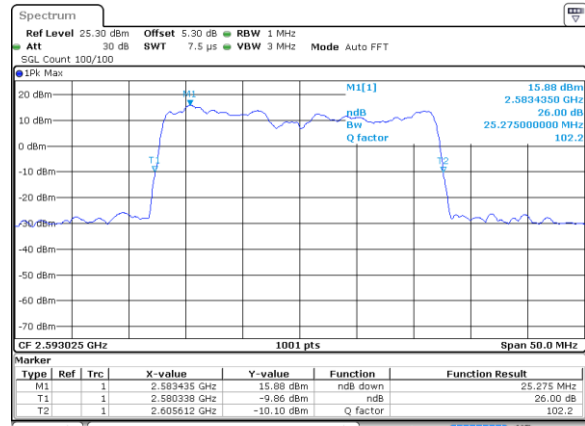
Middle Channel / 10MHz+15MHz



Date: 26 MAY 2022 01:41:31

16QAM

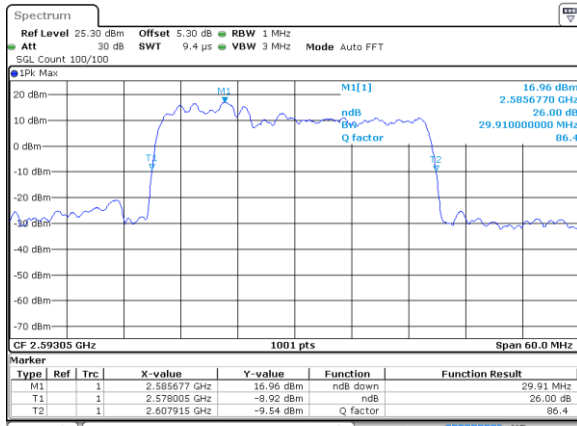
Middle Channel / 10MHz+15MHz



Date: 26 MAY 2022 01:41:59

QPSK

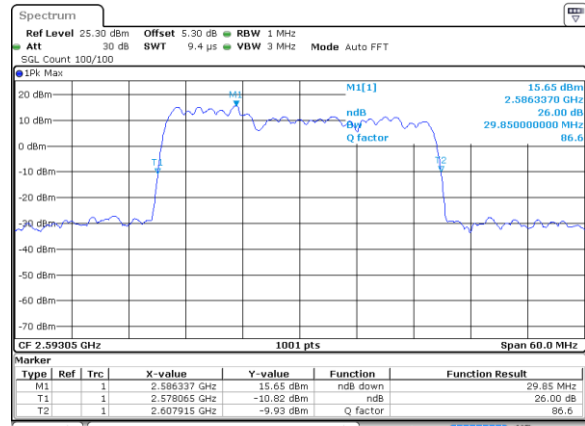
Middle Channel / 10MHz+20MHz



Date: 26 MAY 2022 01:43:27

16QAM

Middle Channel / 10MHz+20MHz



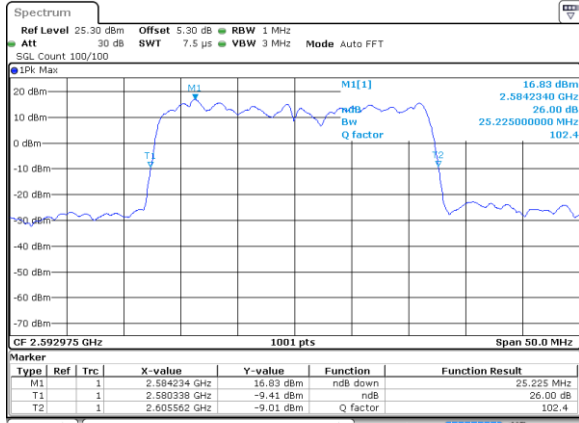
Date: 26 MAY 2022 01:43:55



LTE Band41C

QPSK

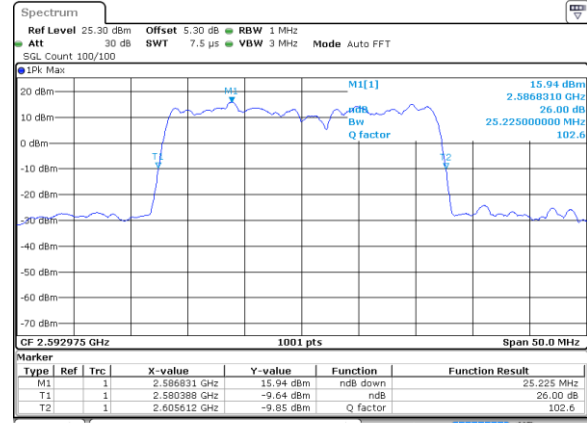
Middle Channel / 15MHz+10MHz



Date: 26 MAY 2022 01:45:20

16QAM

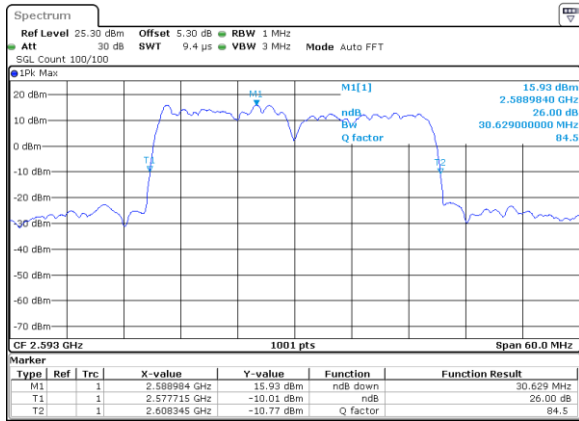
Middle Channel / 15MHz+10MHz



Date: 26 MAY 2022 01:45:47

QPSK

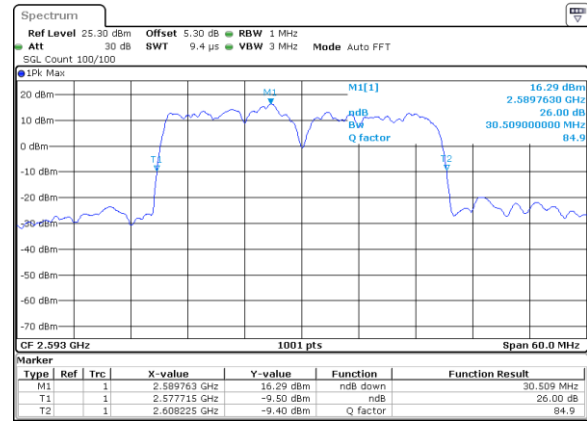
Middle Channel / 15MHz+15MHz



Date: 26 MAY 2022 01:47:16

16QAM

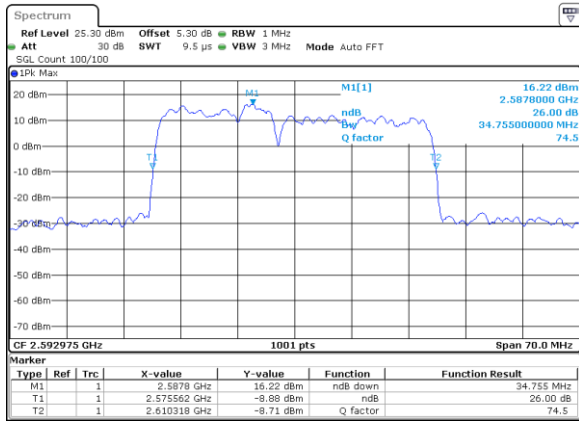
Middle Channel / 15MHz+15MHz



Date: 26 MAY 2022 01:47:43

QPSK

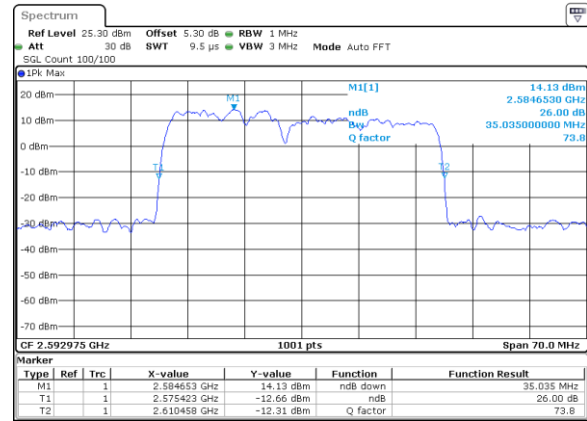
Middle Channel / 15MHz+20MHz



Date: 26 MAY 2022 01:49:12

16QAM

Middle Channel / 15MHz+20MHz



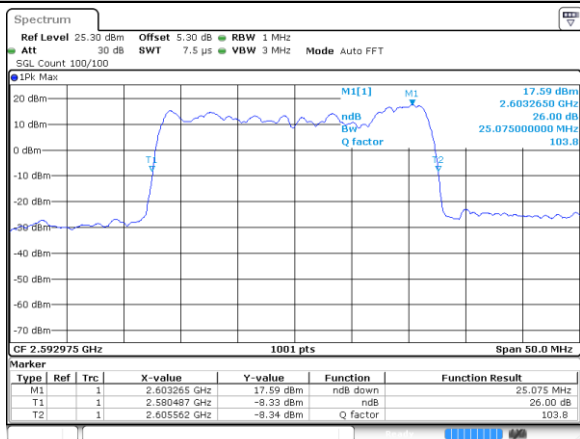
Date: 26 MAY 2022 01:49:39



LTE Band41C

QPSK

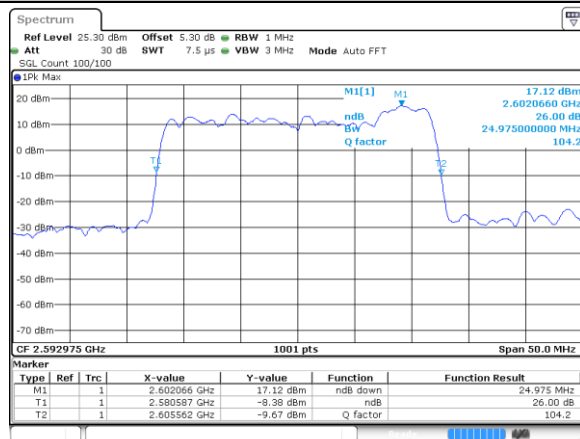
Middle Channel / 20MHz+5MHz



Date: 26 MAY 2022 01:51:04

16QAM

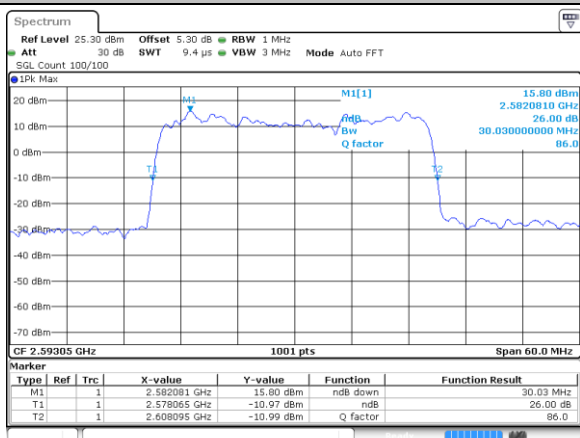
Middle Channel / 20MHz+5MHz



Date: 26 MAY 2022 01:51:31

QPSK

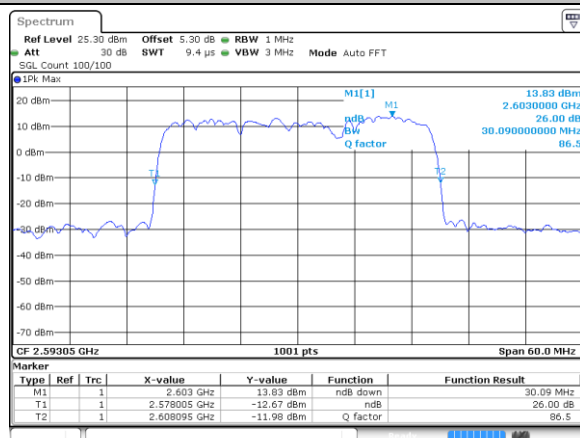
Middle Channel / 20MHz+10MHz



Date: 26 MAY 2022 01:53:15

16QAM

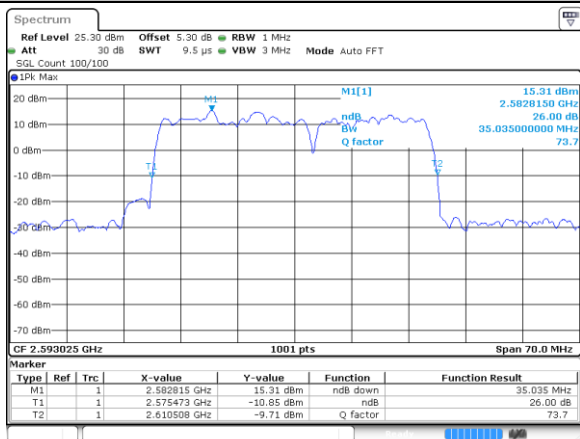
Middle Channel / 20MHz+10MHz



Date: 26 MAY 2022 01:53:43

QPSK

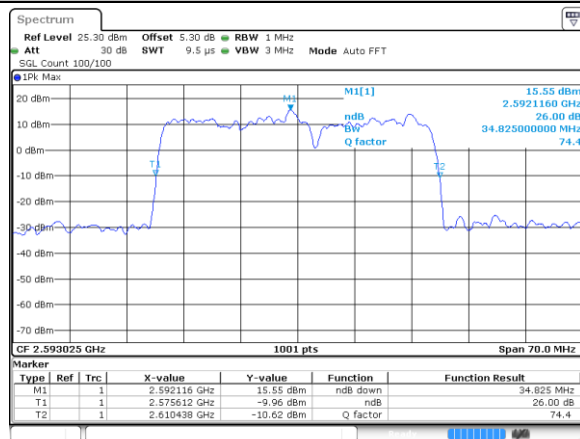
Middle Channel / 20MHz+15MHz



Date: 26 MAY 2022 01:55:11

16QAM

Middle Channel / 20MHz+15MHz



Date: 26 MAY 2022 01:55:39



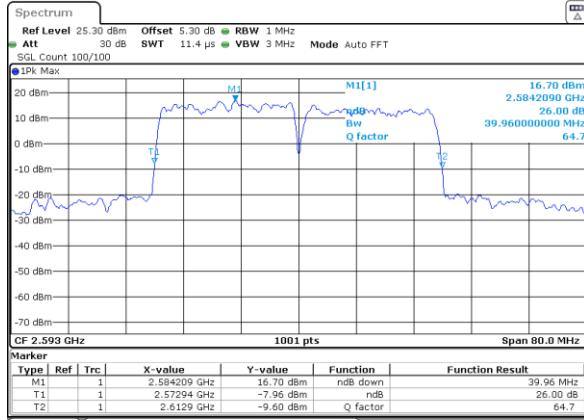
LTE Band41C

QPSK

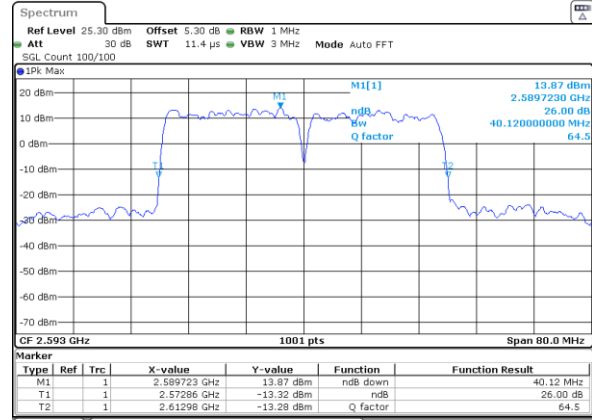
16QAM

Middle Channel / 20MHz+20MHz

Middle Channel / 20MHz+20MHz



Date: 3 MAY 2022 07:26:31



Date: 3 MAY 2022 07:26:58

**Occupied Bandwidth**

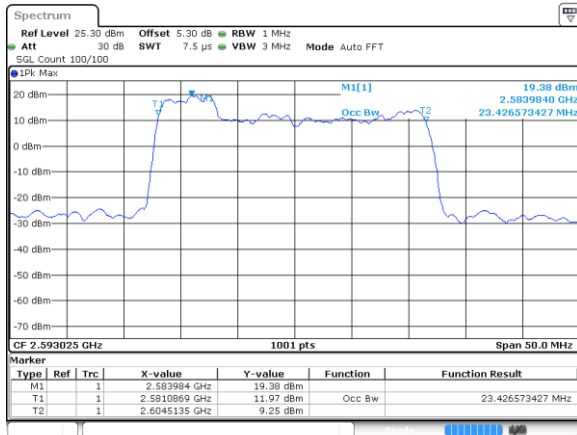
Mode	LTE Band 41C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.43	23.38
Mod.	QPSK	16QAM
BW	10MHz+15MHz	10MHz+15MHz
Middle CH	23.78	23.73
Mod.	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	27.87	27.87
Mod.	QPSK	16QAM
BW	15MHz+10MHz	15MHz+10MHz
Middle CH	23.58	23.73
Mod.	QPSK	16QAM
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	28.71	28.71
Mod.	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	32.87	32.80
Mod.	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.43	23.48
Mod.	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.11	27.99
Mod.	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.80	32.94
Mod.	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.72



LTE Band 41C

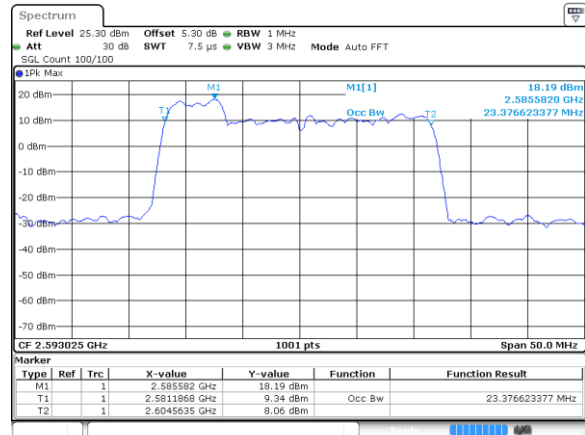
QPSK

Middle Channel / 5MHz+20MHz



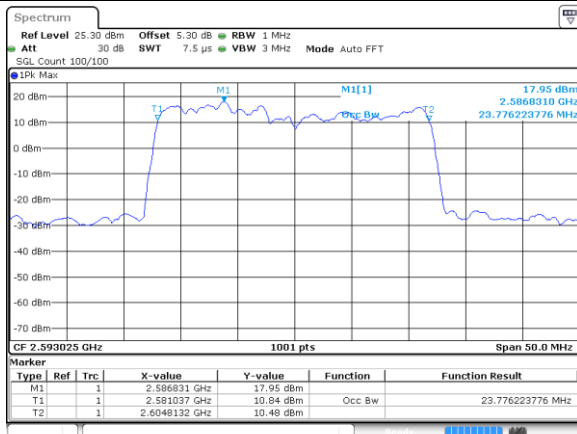
16QAM

Middle Channel / 5MHz+20MHz



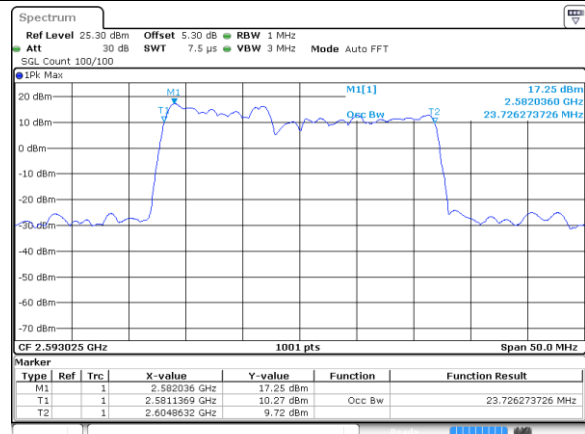
QPSK

Middle Channel / 10MHz+15MHz



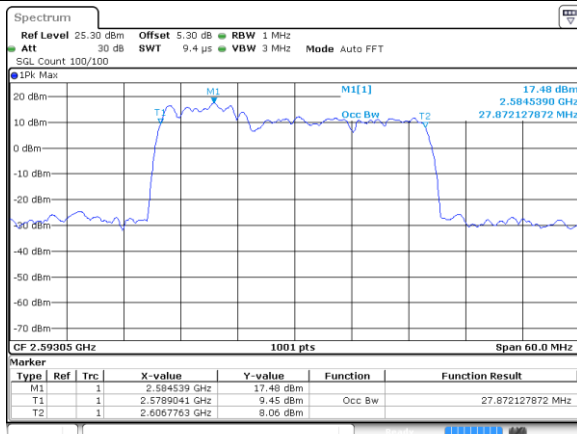
16QAM

Middle Channel / 10MHz+15MHz



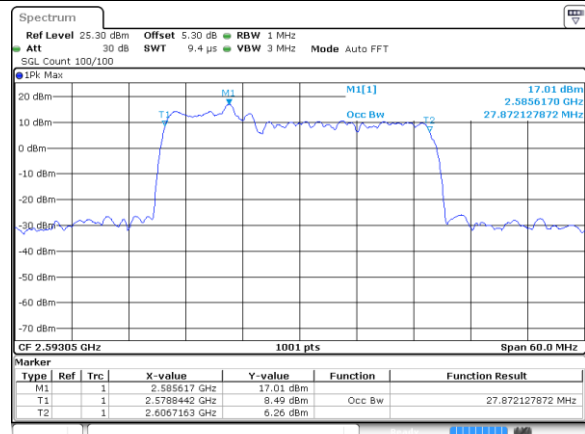
QPSK

Middle Channel / 10MHz+20MHz



16QAM

Middle Channel / 10MHz+20MHz

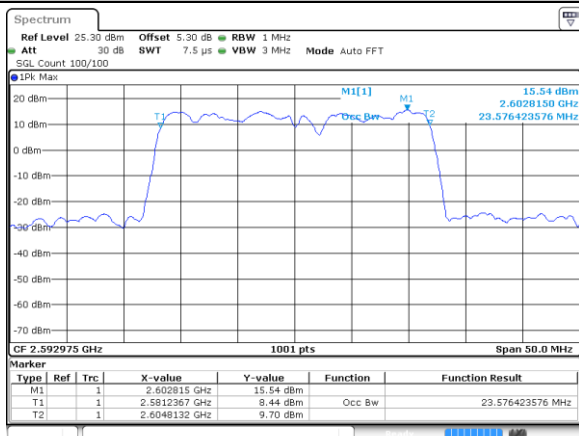




LTE Band 41C

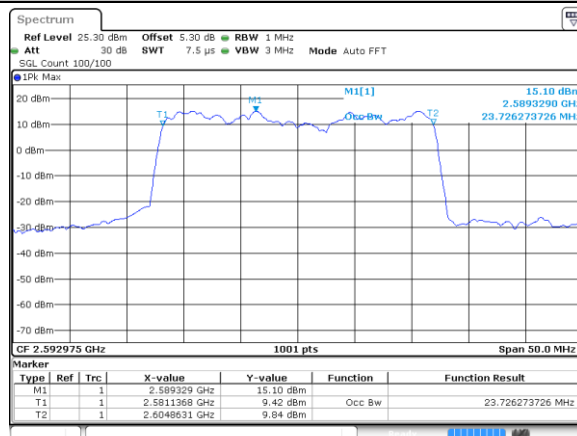
QPSK

Middle Channel / 15MHz+10MHz



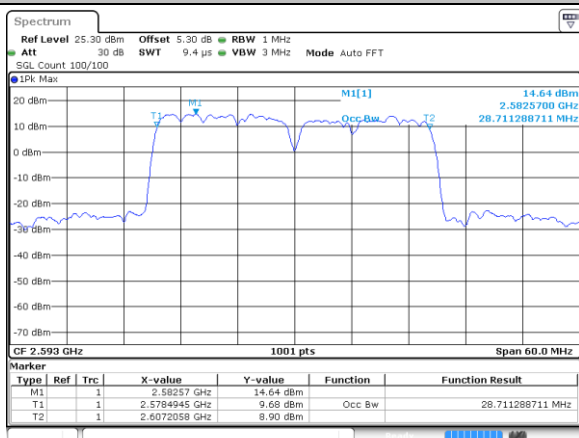
16QAM

Middle Channel / 15MHz+10MHz



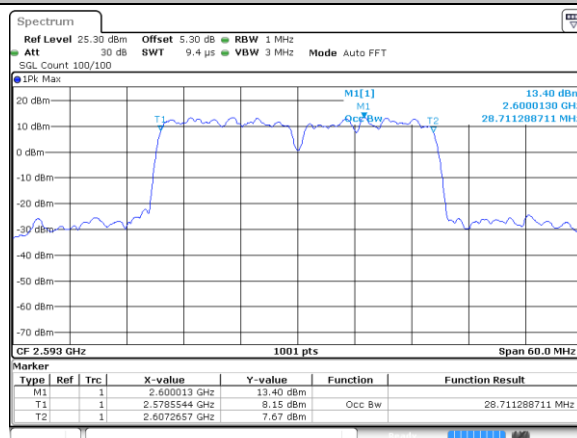
QPSK

Middle Channel / 15MHz+15MHz



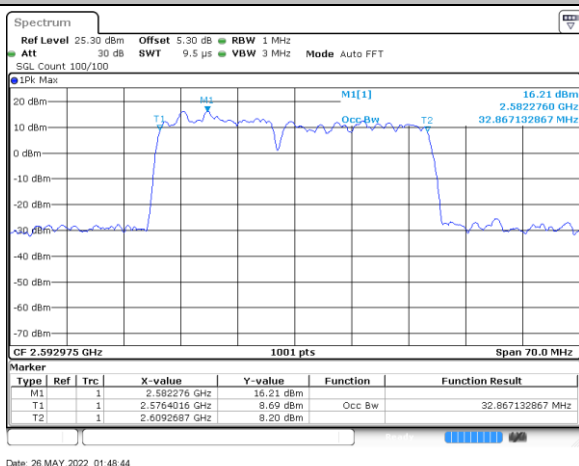
16QAM

Middle Channel / 15MHz+15MHz



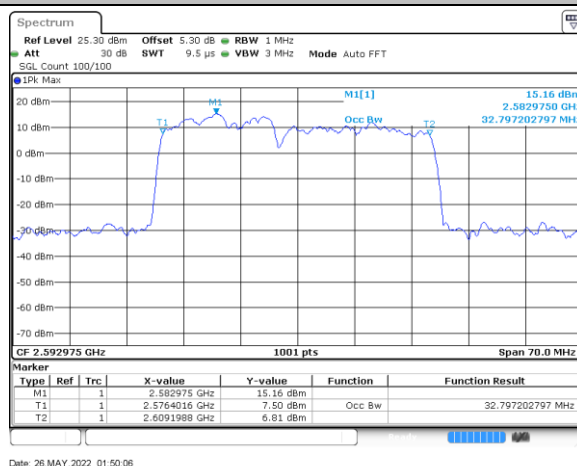
QPSK

Middle Channel / 15MHz+20MHz



16QAM

Middle Channel / 15MHz+20MHz

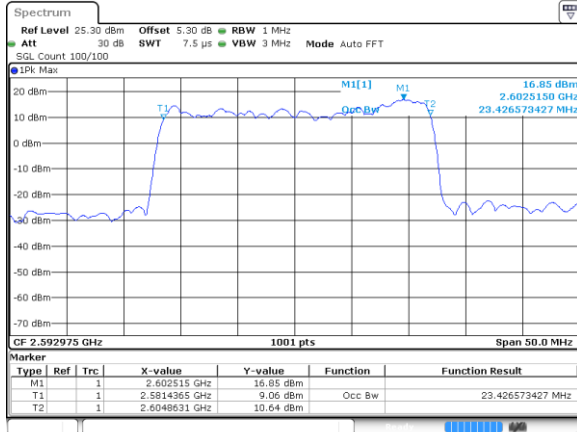




LTE Band 41C

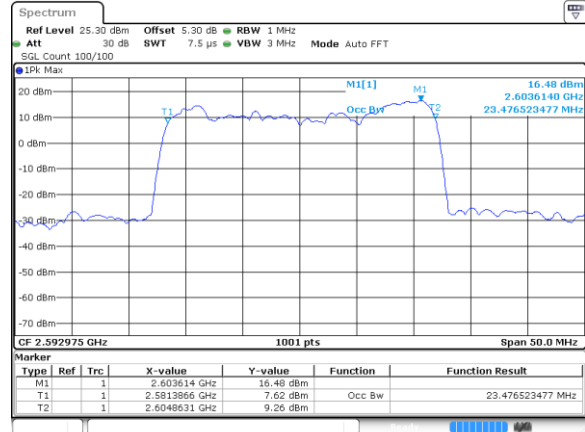
QPSK

Middle Channel / 20MHz+5MHz



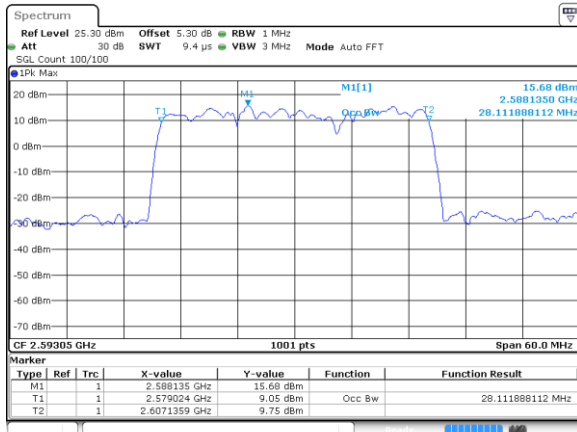
16QAM

Middle Channel / 20MHz+5MHz



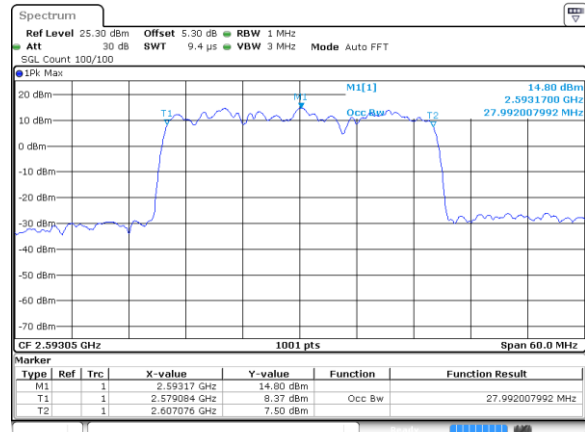
QPSK

Middle Channel / 20MHz+10MHz



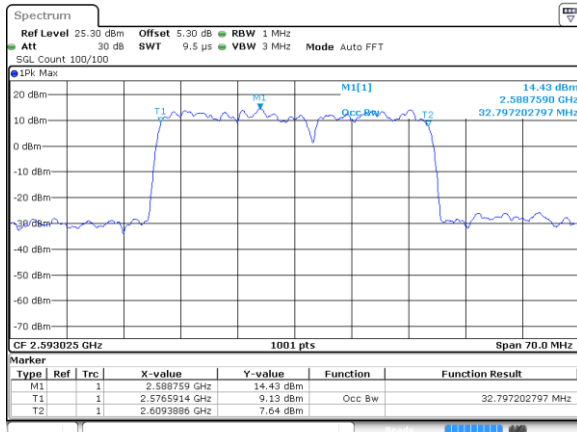
16QAM

Middle Channel / 20MHz+10MHz



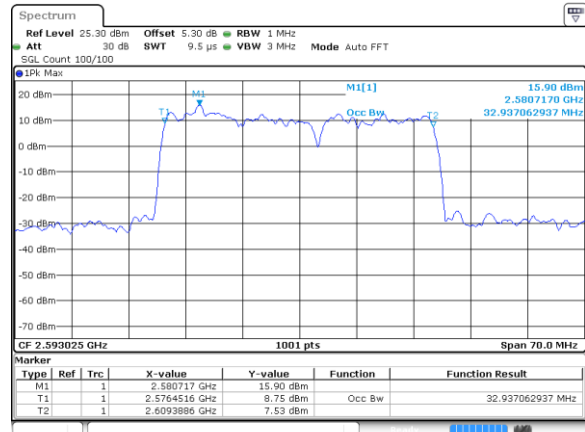
QPSK

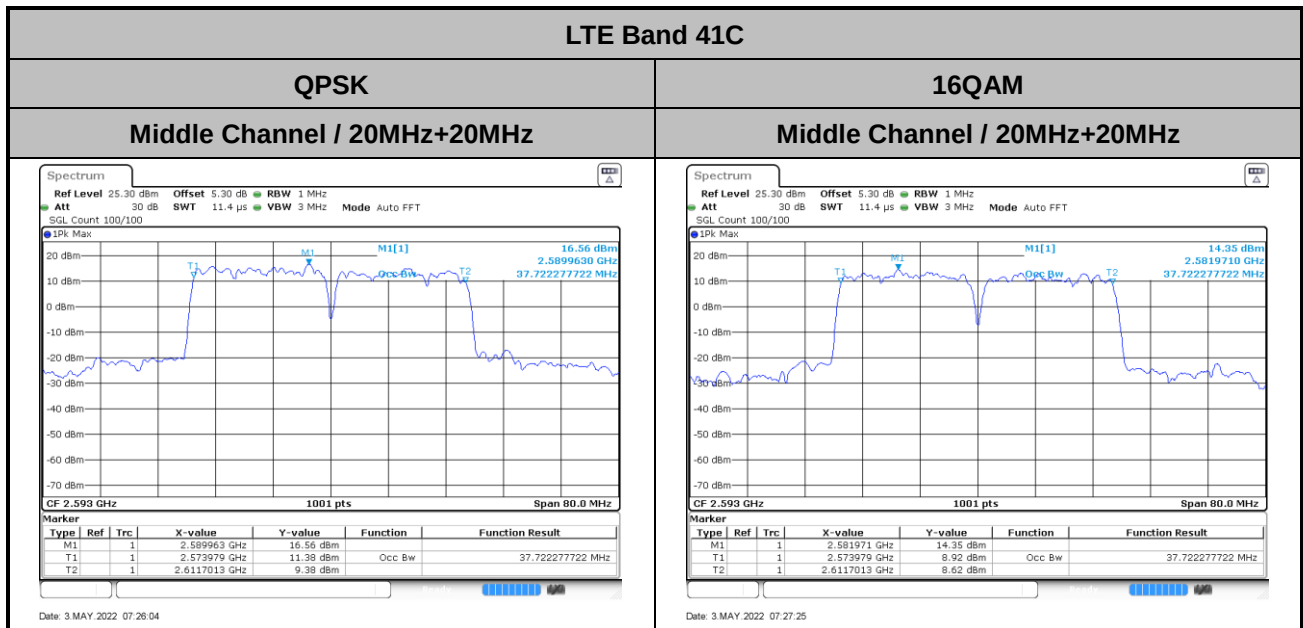
Middle Channel / 20MHz+15MHz



16QAM

Middle Channel / 20MHz+15MHz





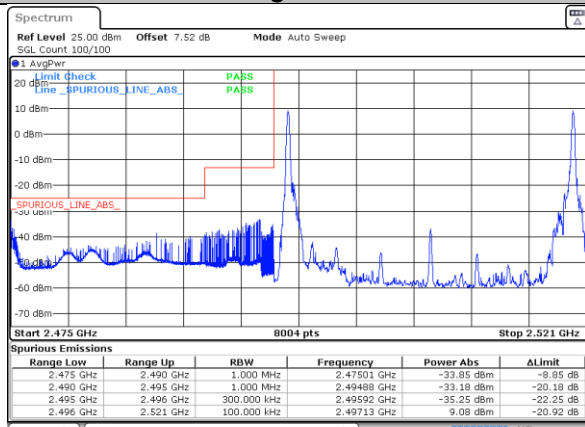


Conducted Band Edge

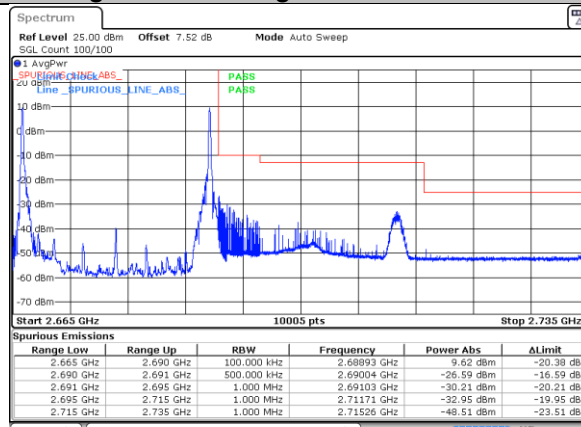
LTE Band 41C / 5MHz+20MHz

QPSK

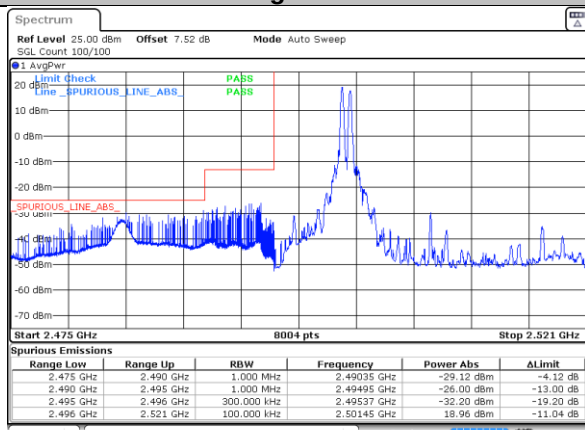
Lowest Band Edge / 1RB0 and 1RB99



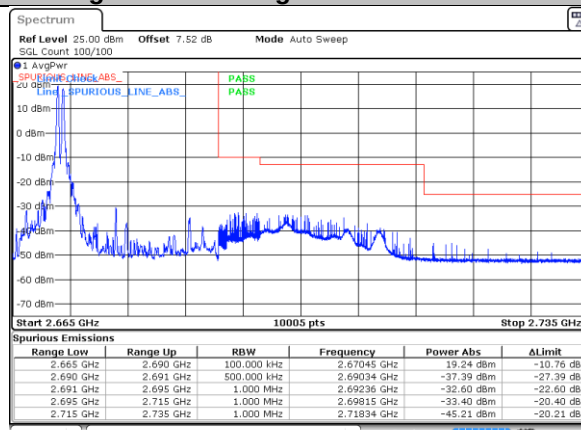
Highest Band Edge / 1RB0 and 1RB99



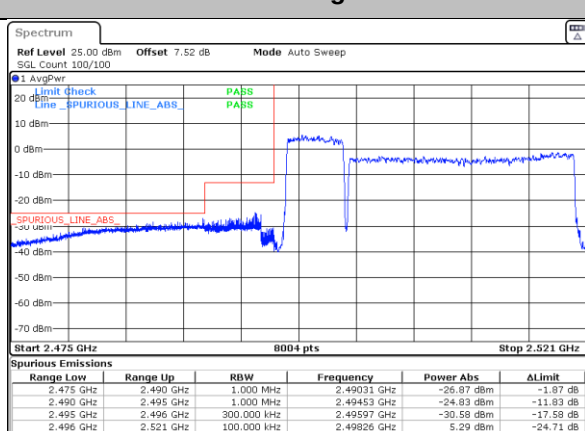
Lowest Band Edge / 1RB24 and 1RB0



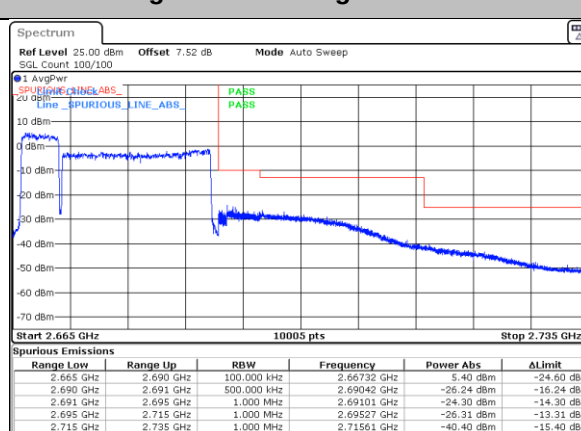
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

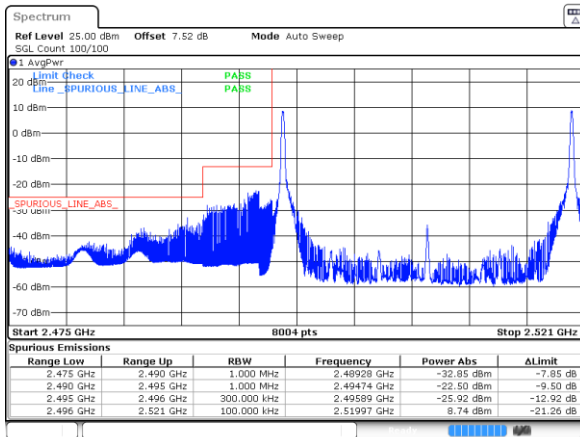




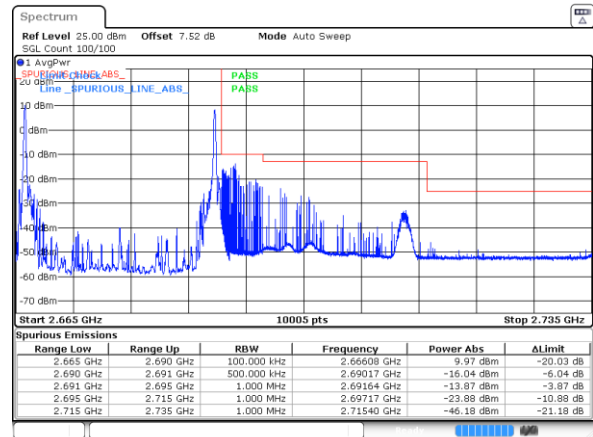
LTE Band 41C /10MHz+15MHz

QPSK

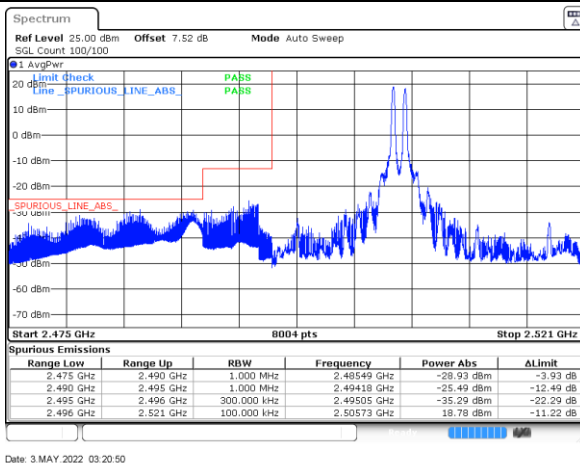
Lowest Band Edge / 1RB0 and 1RB74



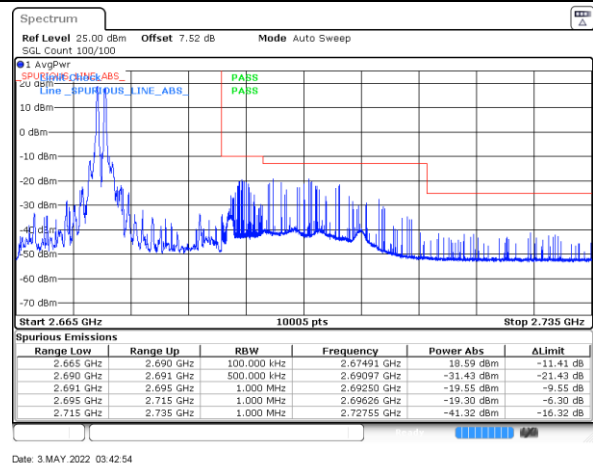
Highest Band Edge / 1RB0 and 1RB74



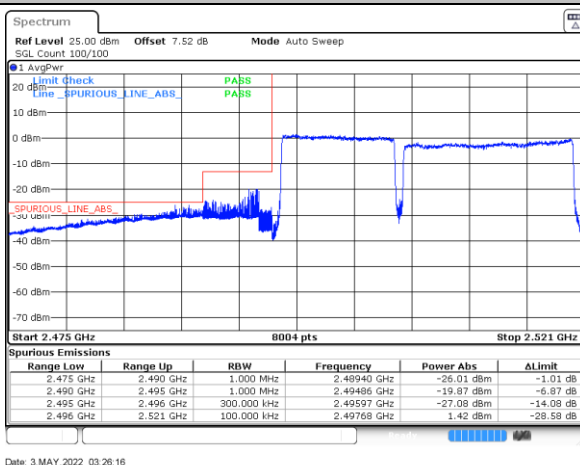
Lowest Band Edge / 1RB49 and 1RB0



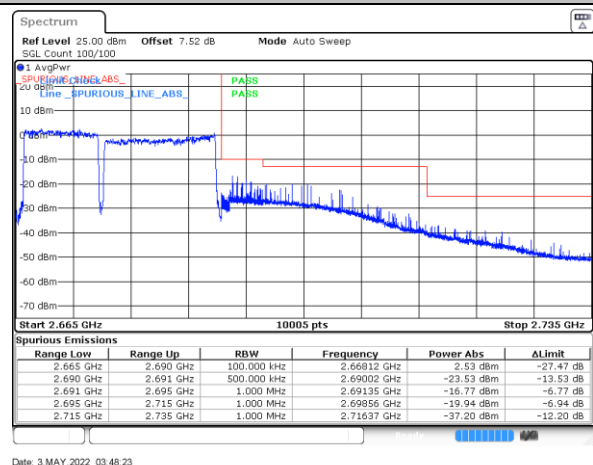
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

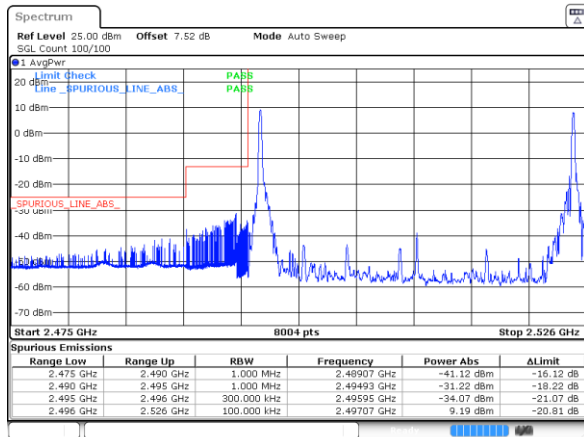




LTE Band 41C / 10MHz+20MHz

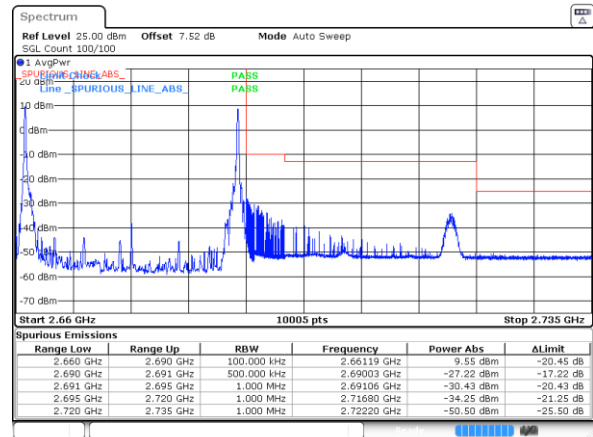
QPSK

Lowest Band Edge / 1RB0 and 1RB99



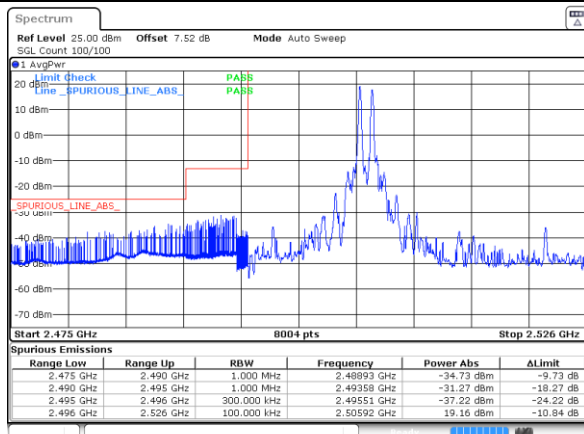
Date: 3 MAY 2022 03:56:58

Highest Band Edge / 1RB0 and 1RB99



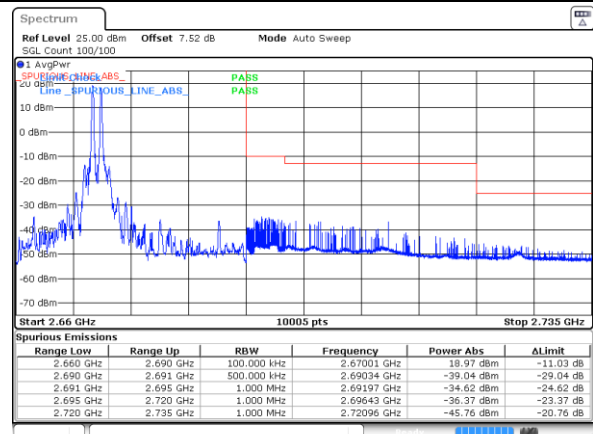
Date: 3 MAY 2022 04:08:53

Lowest Band Edge / 1RB49 and 1RB0



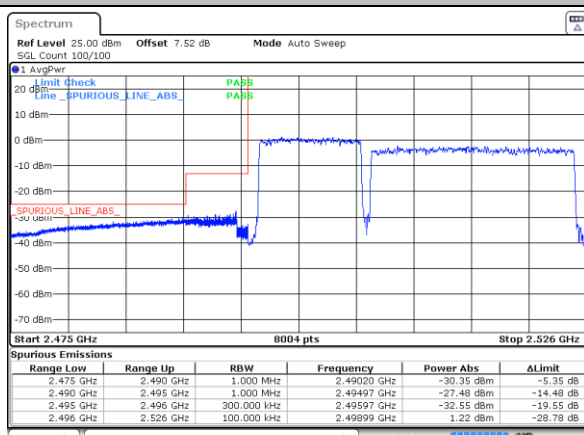
Date: 3 MAY 2022 03:52:35

Highest Band Edge / 1RB49 and 1RB0



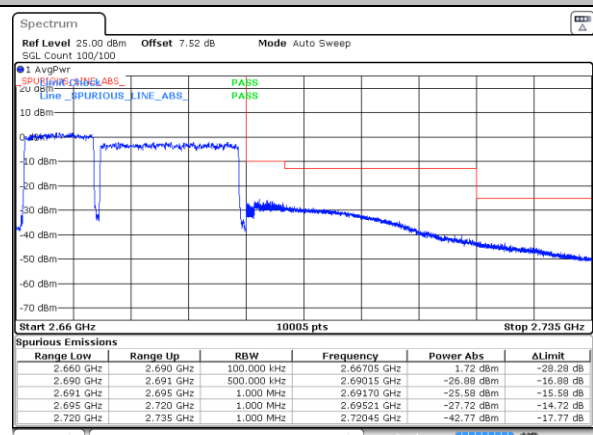
Date: 3 MAY 2022 04:04:30

Lowest Band Edge / Full RB



Date: 3 MAY 2022 03:57:51

Highest Band Edge / Full RB



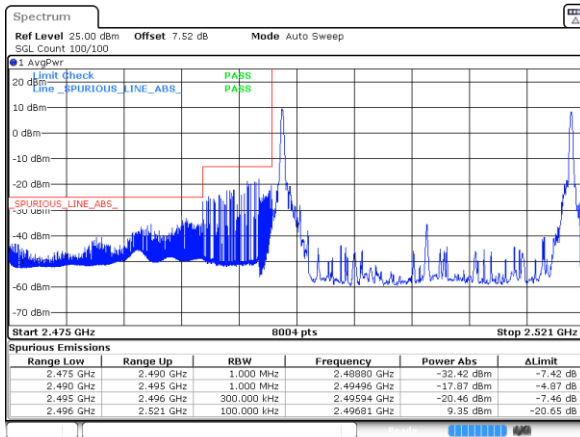
Date: 3 MAY 2022 04:09:46



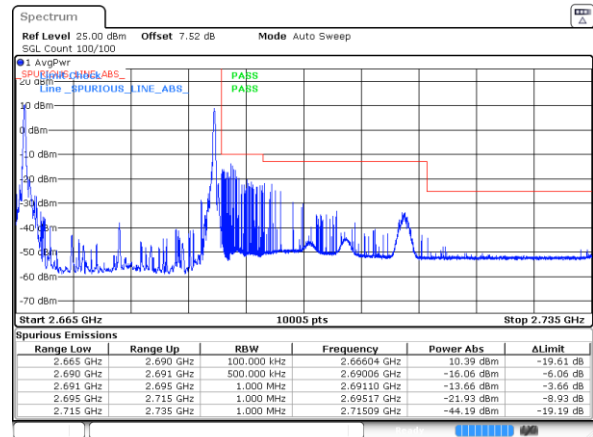
LTE Band 41C / 15MHz+10MHz

QPSK

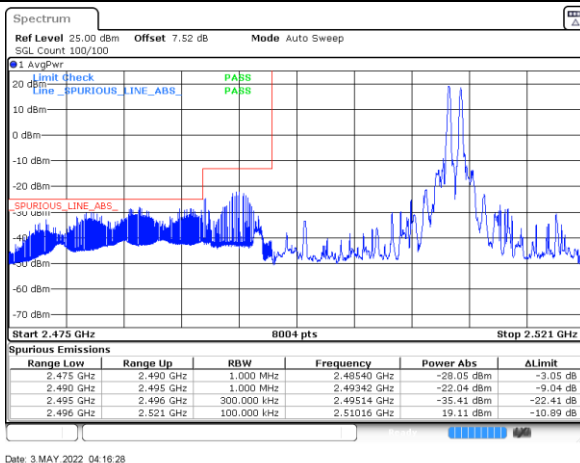
Lowest Band Edge / 1RB0 and 1RB49



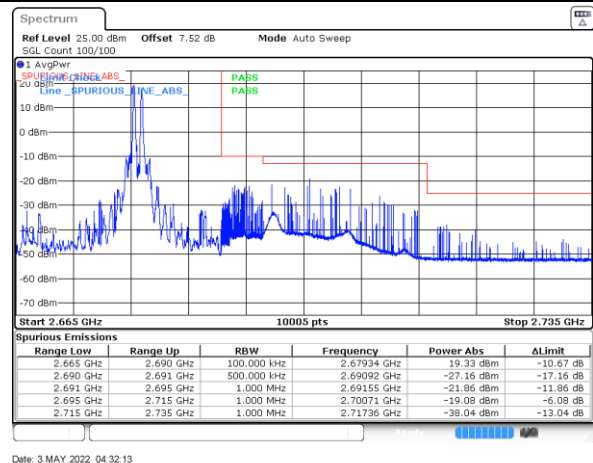
Highest Band Edge / 1RB0 and 1RB49



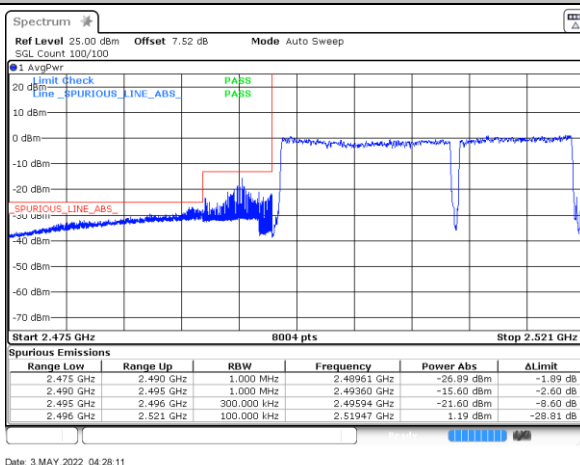
Lowest Band Edge / 1RB74 and 1RB0



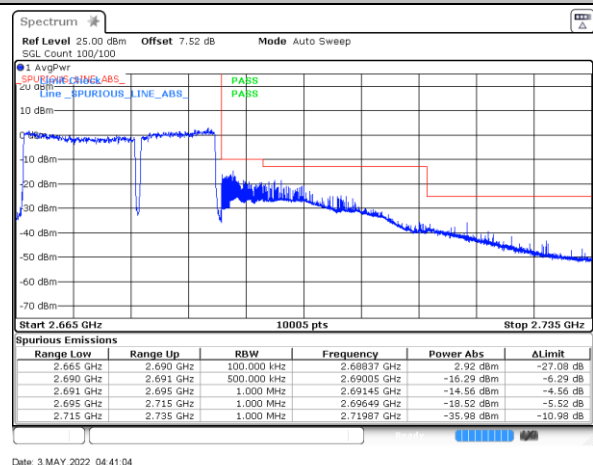
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

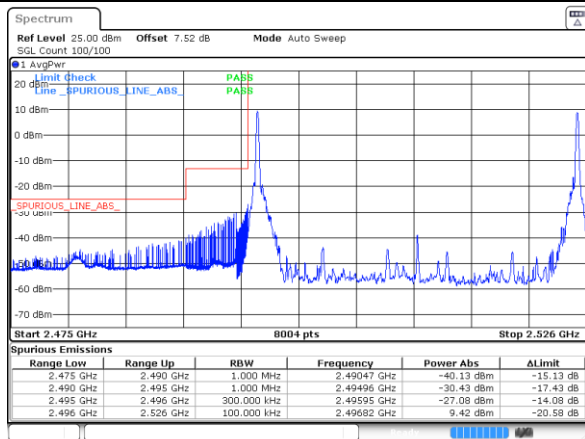




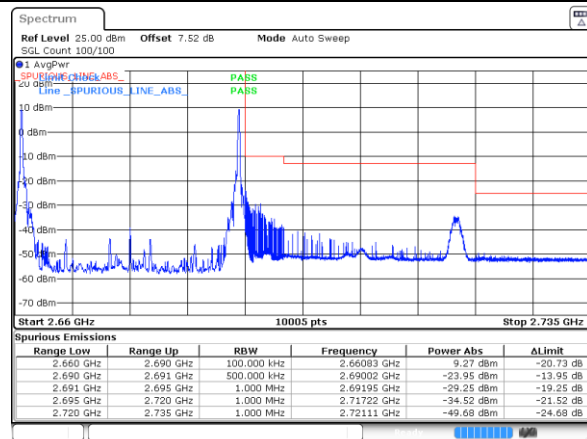
LTE Band 41C / 15MHz+15MHz

QPSK

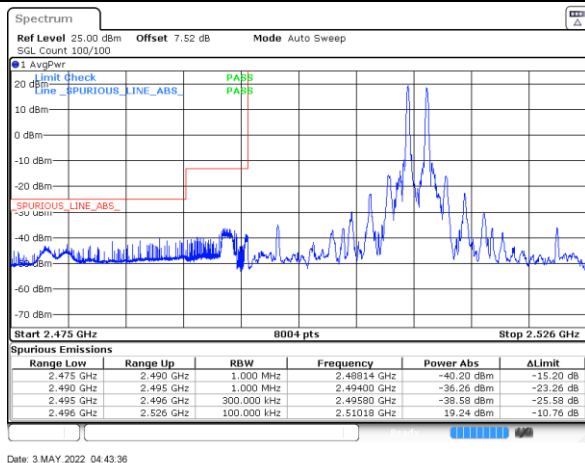
Lowest Band Edge / 1RB0 and 1RB74



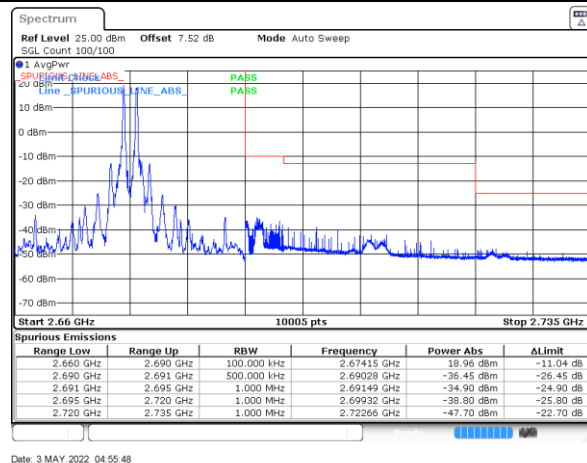
Highest Band Edge / 1RB0 and 1RB74



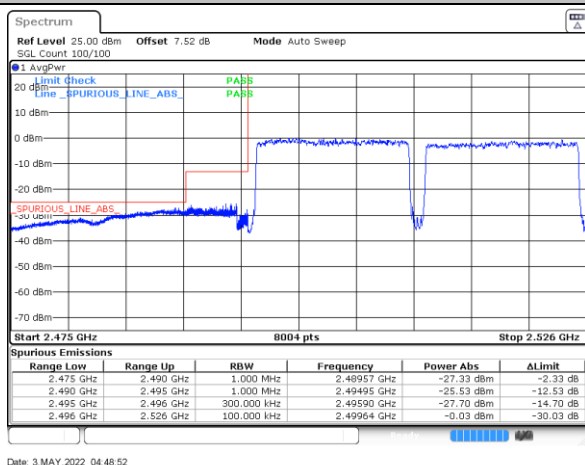
Lowest Band Edge / 1RB74 and 1RB0



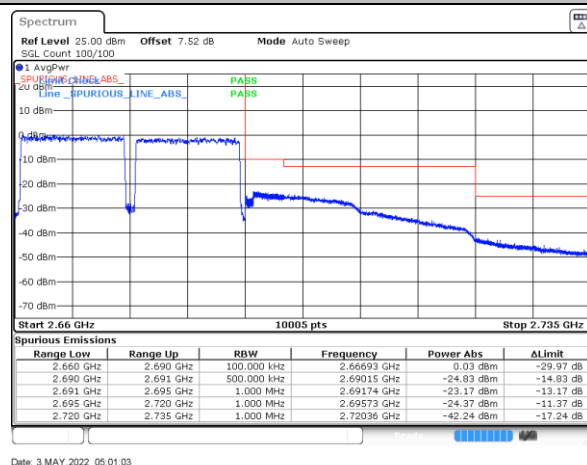
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

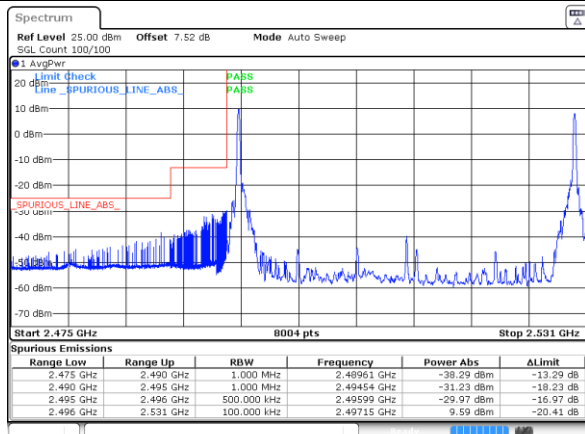




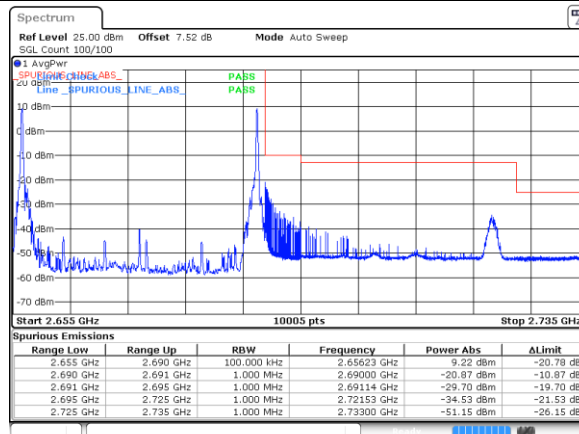
LTE Band 41C / 15MHz+20MHz

QPSK

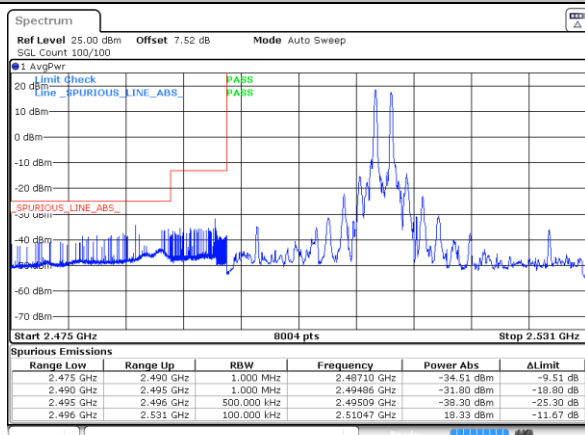
Lowest Band Edge / 1RB0 and 1RB99



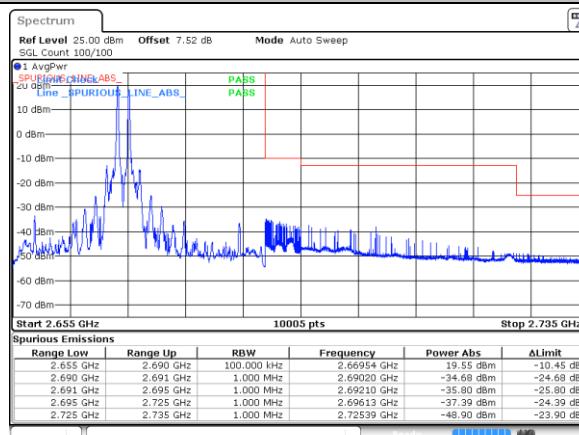
Highest Band Edge / 1RB0 and 1RB99



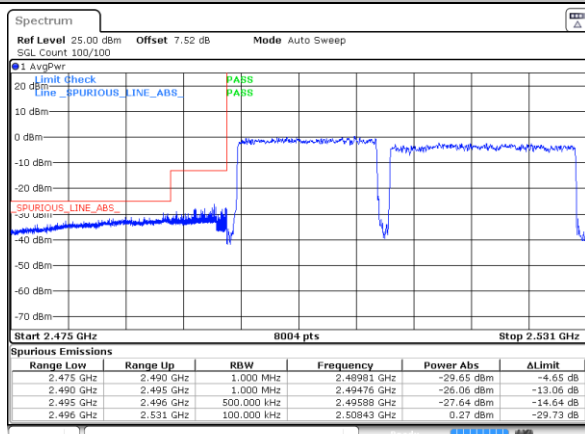
Lowest Band Edge / 1RB74and 1RB0



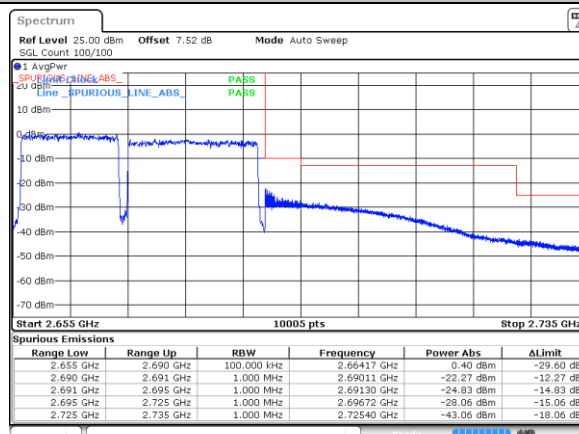
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

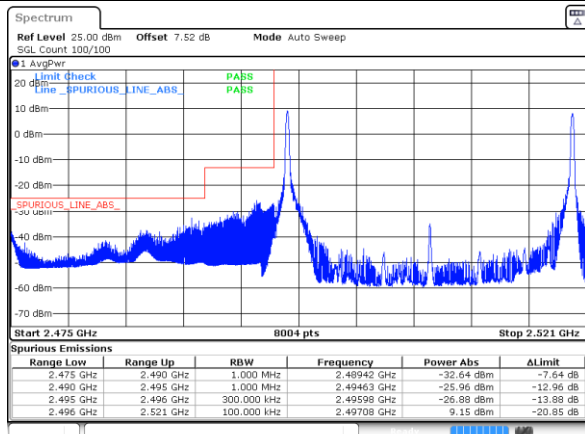




LTE Band 41C / 20MHz+5MHz

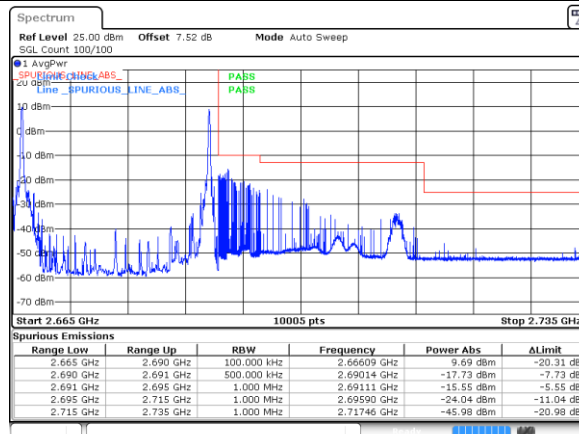
QPSK

Lowest Band Edge / 1RB0 and 1RB24



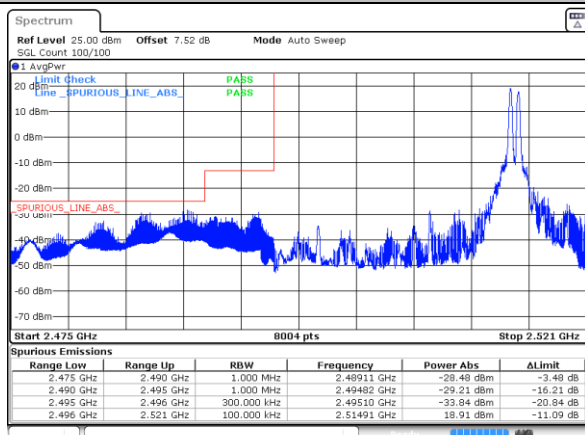
Date: 3 MAY 2022 05:52:43

Highest Band Edge / 1RB0 and 1RB24



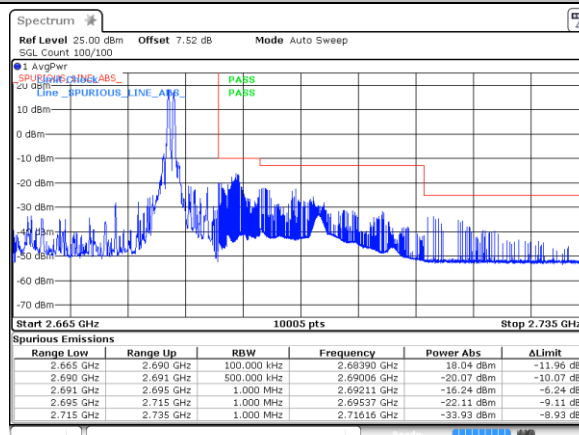
Date: 3 MAY 2022 06:03:56

Lowest Band Edge / 1RB99and 1RB0



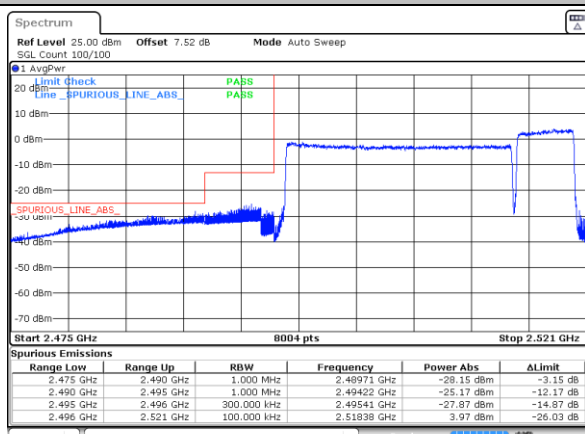
Date: 3 MAY 2022 05:48:23

Highest Band Edge / 1RB99 and 1RB0



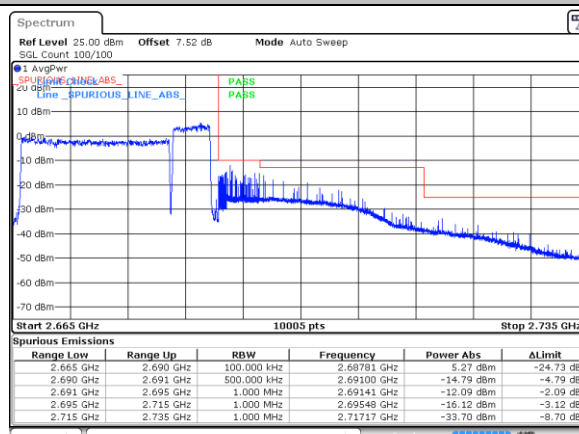
Date: 3 MAY 2022 07:17:36

Lowest Band Edge / Full RB



Date: 3 MAY 2022 05:53:35

Highest Band Edge / Full RB



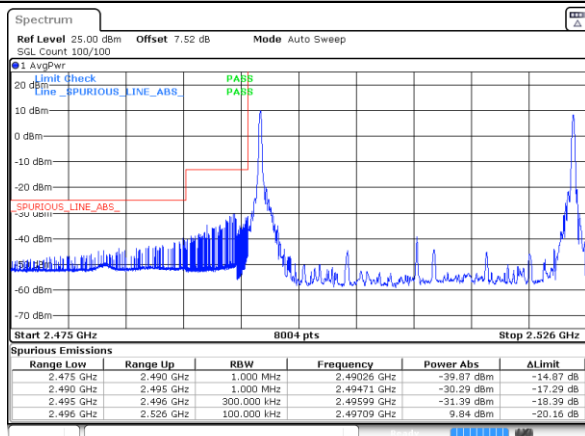
Date: 3 MAY 2022 06:04:48



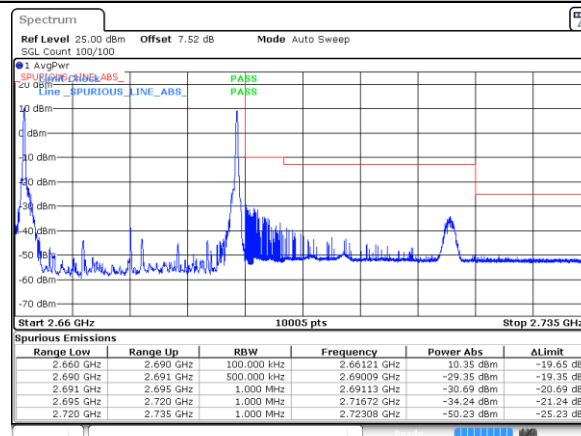
LTE Band 41C / 20MHz+10MHz

QPSK

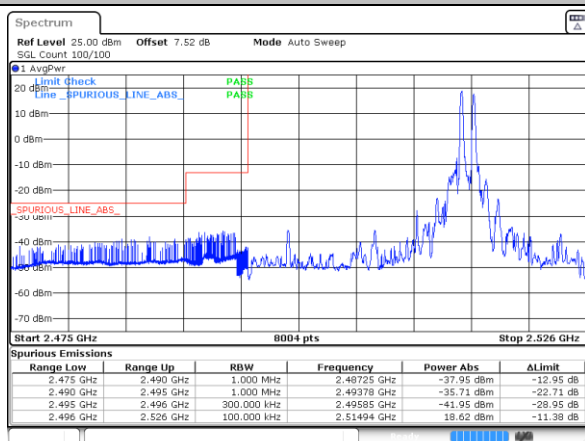
Lowest Band Edge / 1RB0 and 1RB49



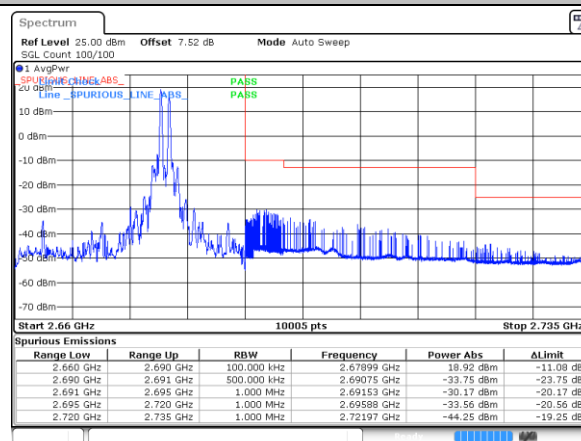
Highest Band Edge / 1RB0 and 1RB49



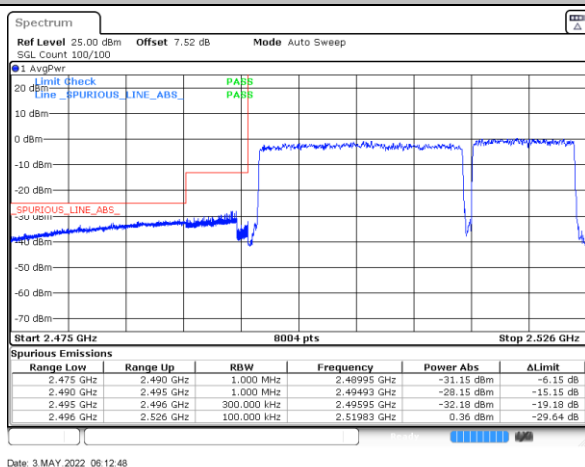
Lowest Band Edge / 1RB99and 1RB0



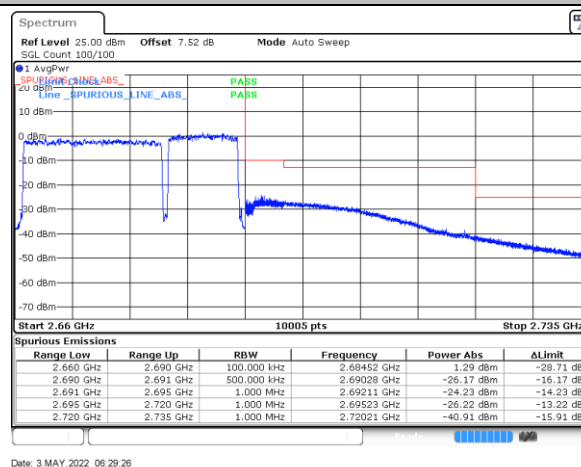
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

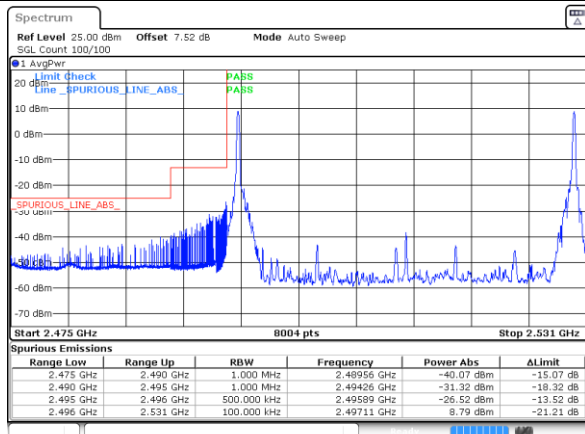




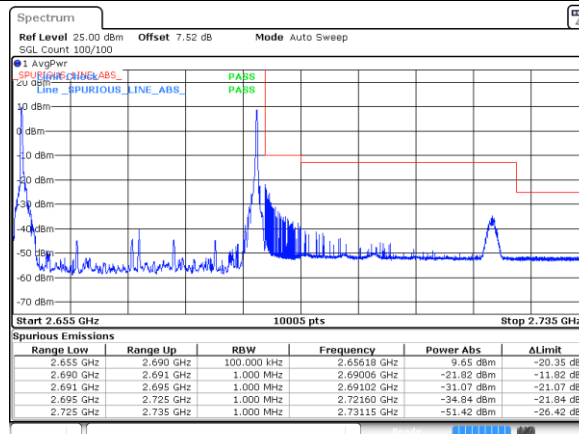
LTE Band 41C / 20MHz+15MHz

QPSK

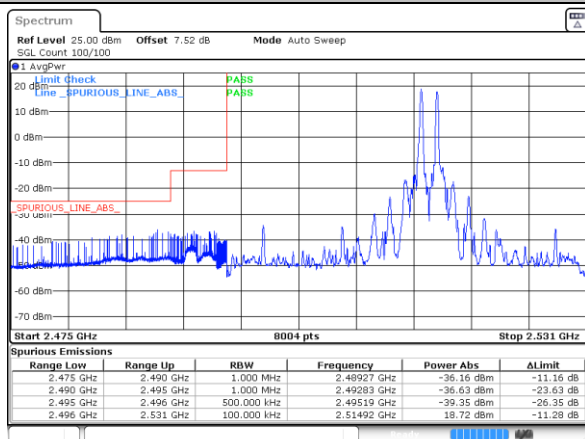
Lowest Band Edge / 1RB0 and 1RB74



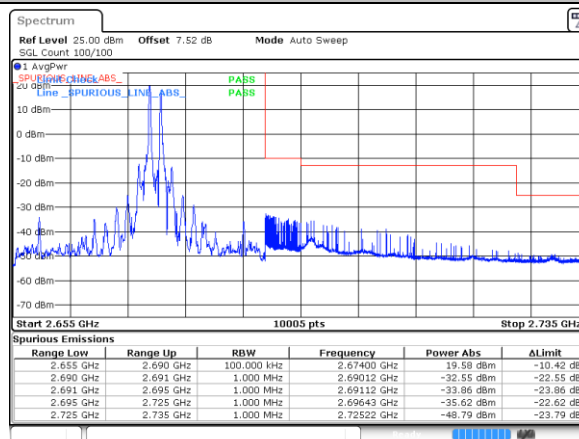
Highest Band Edge / 1RB0 and 1RB74



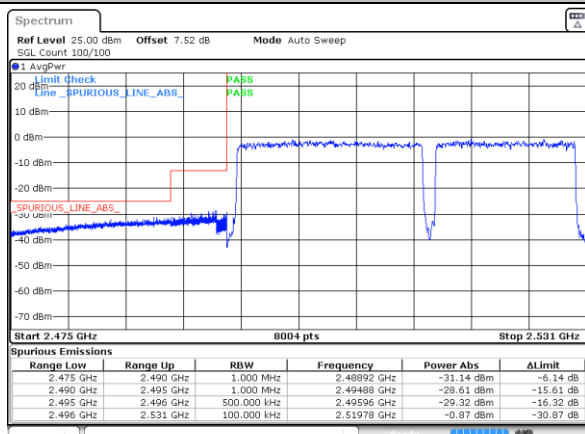
Lowest Band Edge / 1RB99 and 1RB0



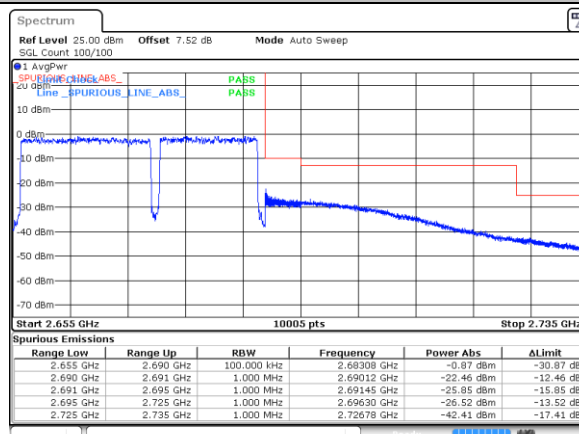
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

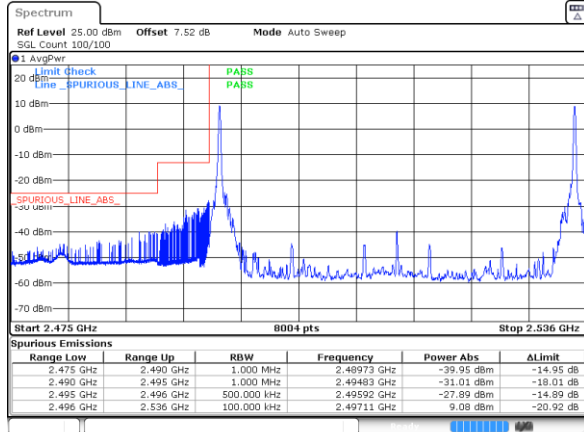




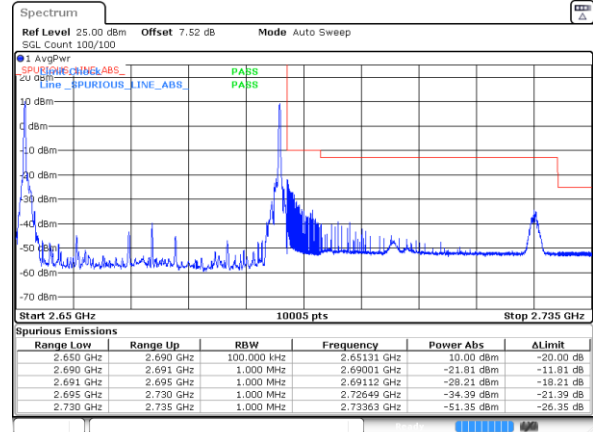
LTE Band 41C / 20MHz+20MHz

QPSK

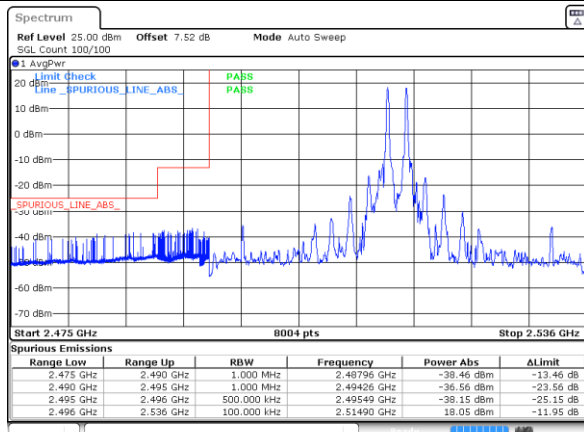
Lowest Band Edge / 1RB0 and 1RB99



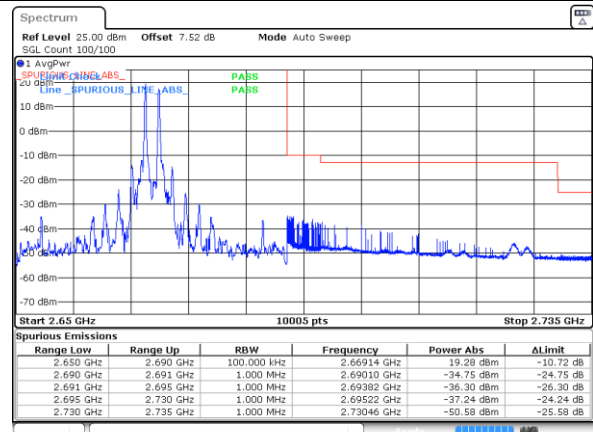
Highest Band Edge / 1RB0 and 1RB99



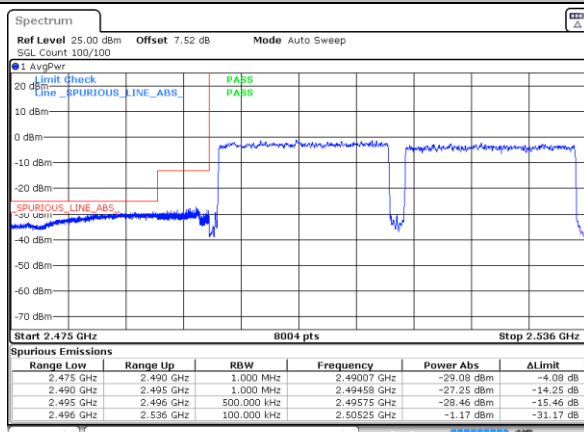
Lowest Band Edge / 1RB99and 1RB0



Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

