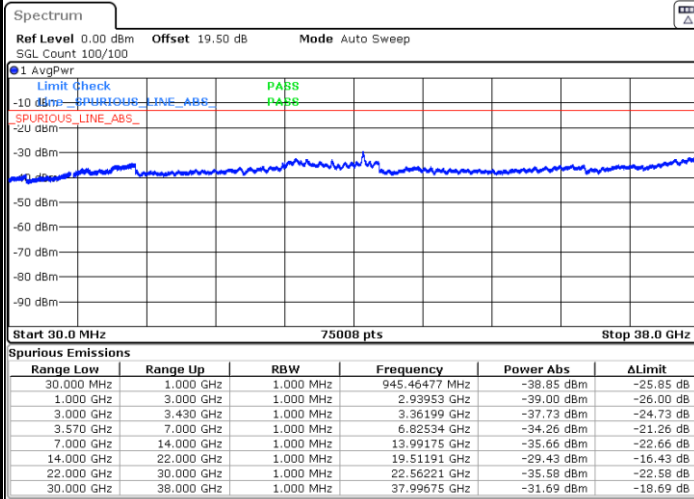




Conducted Spurious Emission

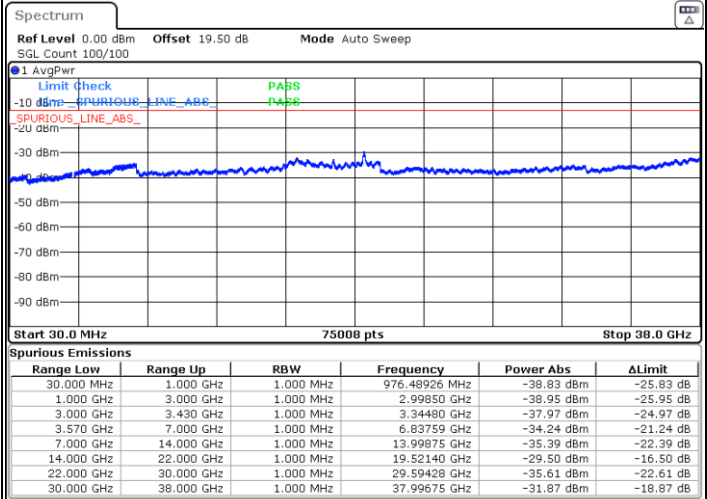
LTE Band 42 / 5MHz

Lowest Channel / QPSK



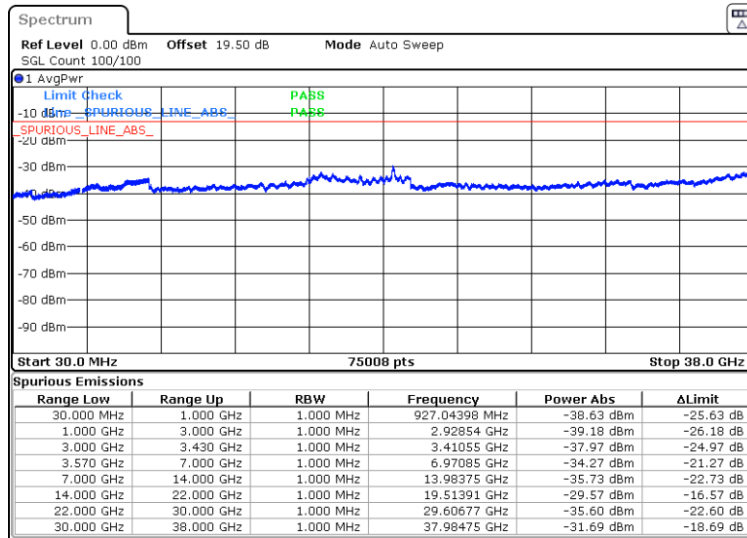
Date: 29 DEC 2024 20:50:06

Middle Channel / QPSK



Date: 29 DEC 2024 20:51:26

Highest Channel / QPSK

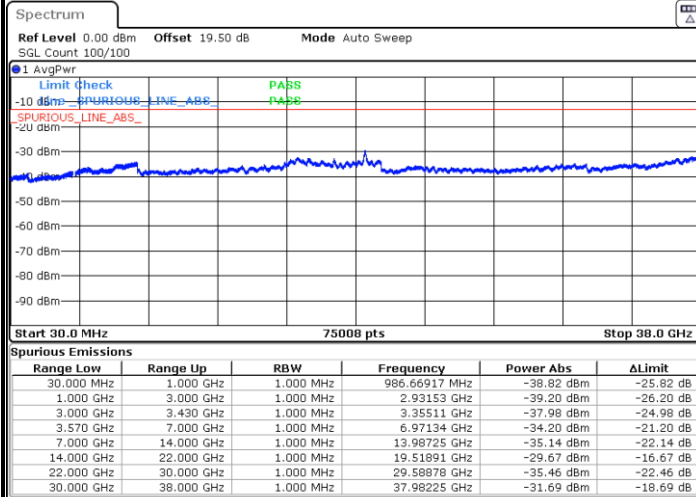


Date: 29 DEC 2024 20:59:00



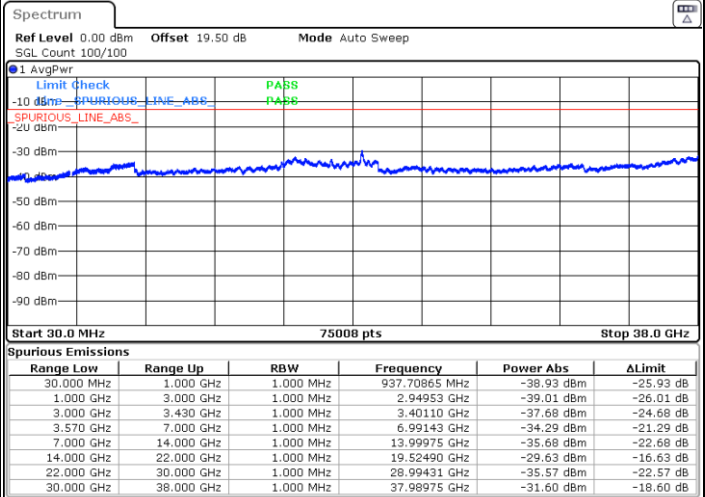
LTE Band 42 / 10MHz

Lowest Channel / QPSK



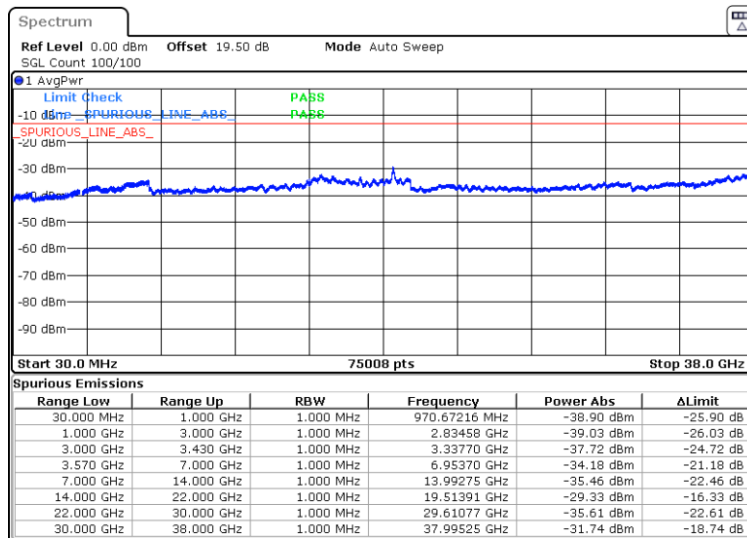
Date: 29 DEC 2024 21:07:23

Middle Channel / QPSK



Date: 29 DEC 2024 21:08:43

Highest Channel / QPSK

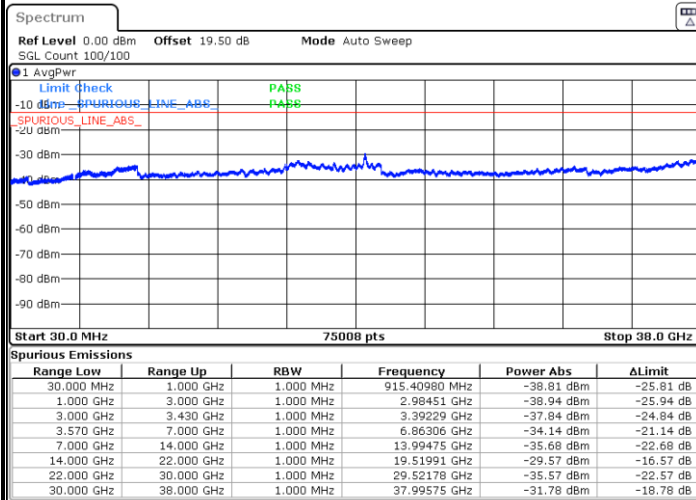


Date: 29 DEC 2024 21:16:16



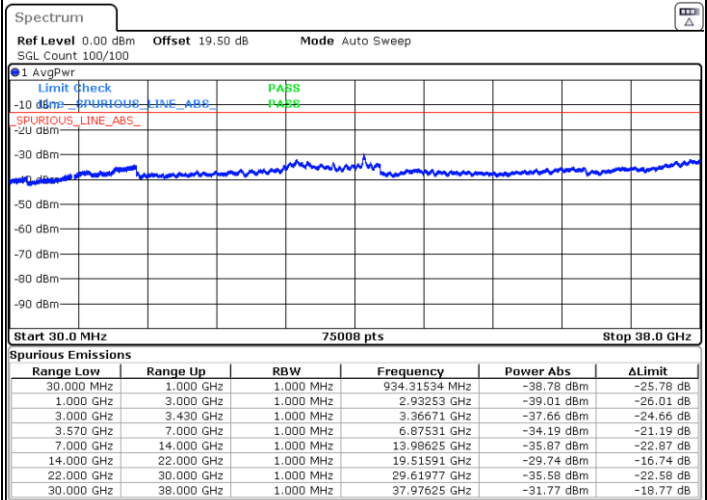
LTE Band 42 / 15MHz

Lowest Channel / QPSK



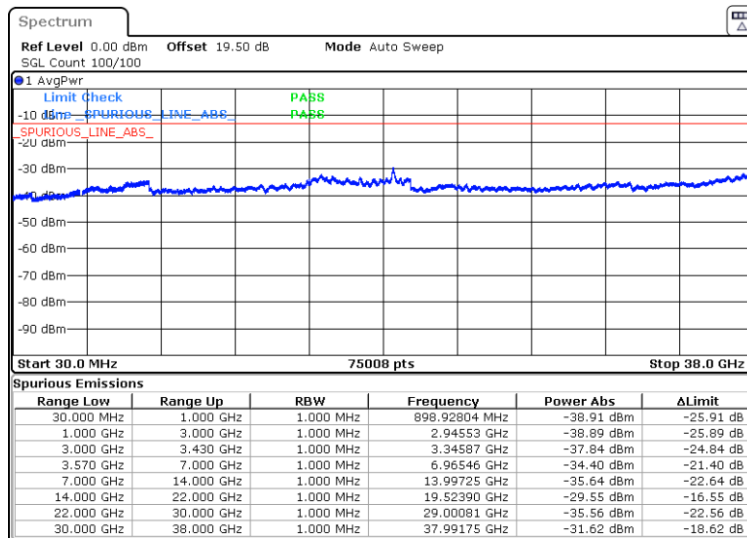
Date: 29 DEC 2024 21:22:57

Middle Channel / QPSK



Date: 29 DEC 2024 21:24:17

Highest Channel / QPSK

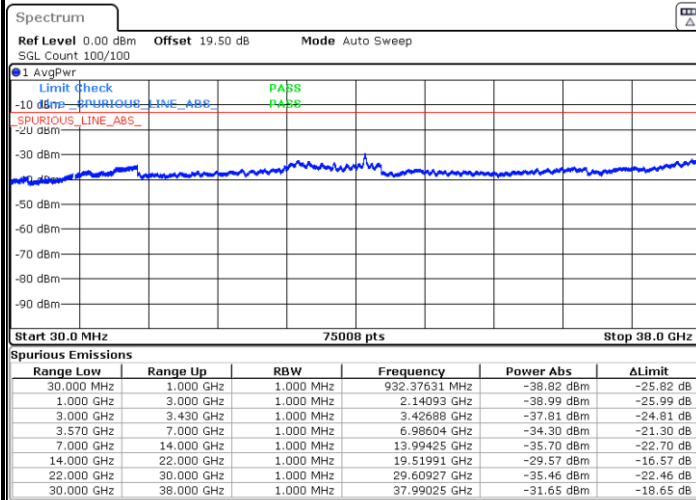


Date: 29 DEC 2024 21:31:33



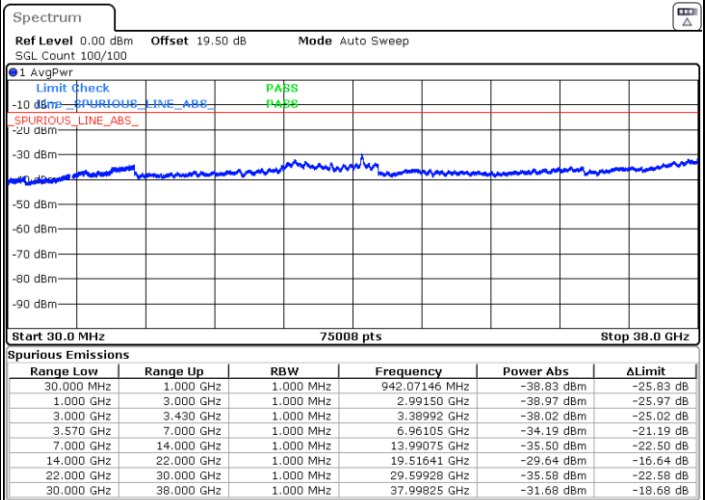
LTE Band 42 / 20MHz

Lowest Channel / QPSK



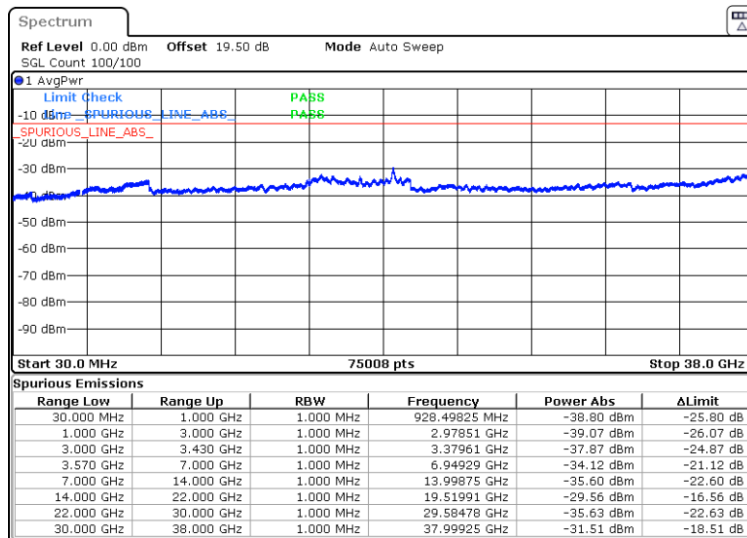
Date: 29 DEC 2024 21:38:13

Middle Channel / QPSK



Date: 29 DEC 2024 21:39:33

Highest Channel / QPSK



Date: 29 DEC 2024 21:48:09

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 42C 27Q

26dB Bandwidth

Mode	LTE Band 42C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.93	29.97	34.97	25.03
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.97	34.90	39.80	

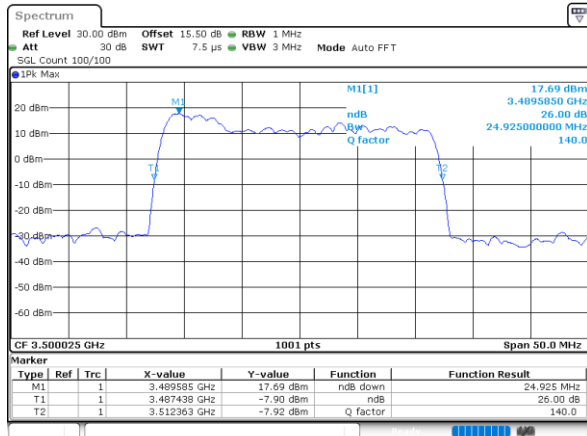
Mode	LTE Band 42C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.83	30.03	35.04	24.93
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.91	34.97	39.80	



LTE Band 42C

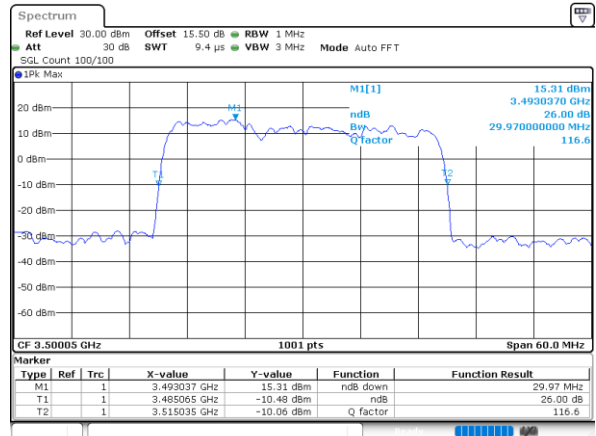
QPSK

Middle Channel / 5MHz+20MHz



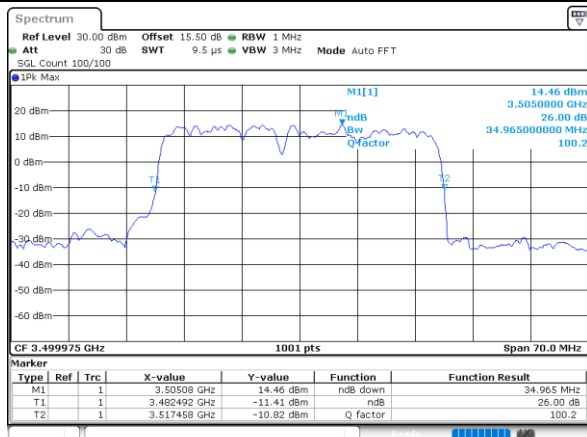
Date: 3..JAN.2025 14:23:58

Middle Channel / 10MHz+20MHz



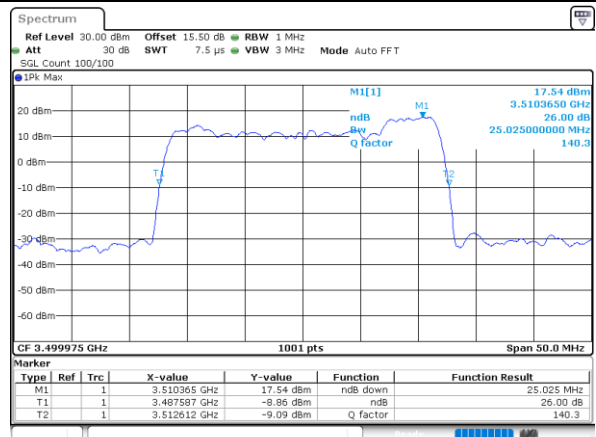
Date: 3..JAN.2025 14:28:29

Middle Channel / 15MHz+20MHz



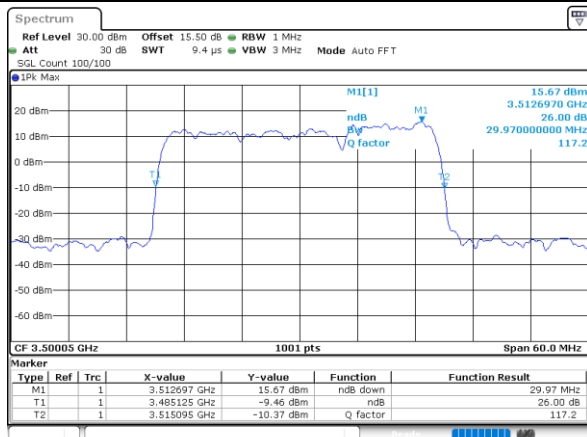
Date: 3..JAN.2025 14:46:03

Middle Channel / 20MHz+5MHz



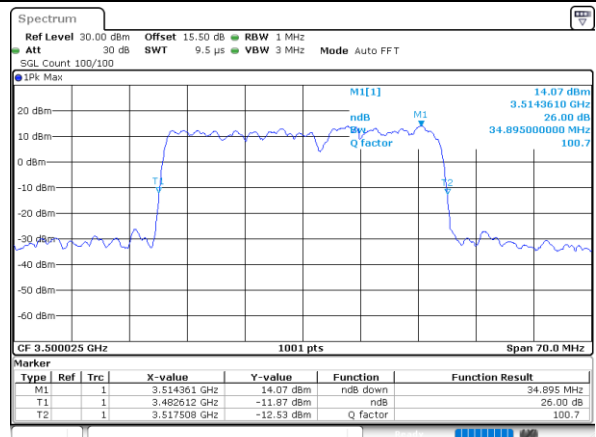
Date: 3..JAN.2025 14:27:26

Middle Channel / 20MHz+10MHz



Date: 3..JAN.2025 14:34:34

Middle Channel / 20MHz+15MHz



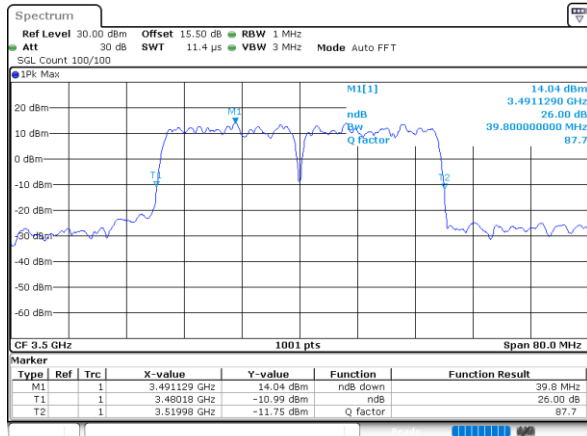
Date: 3..JAN.2025 14:50:42

LTE Band 42C

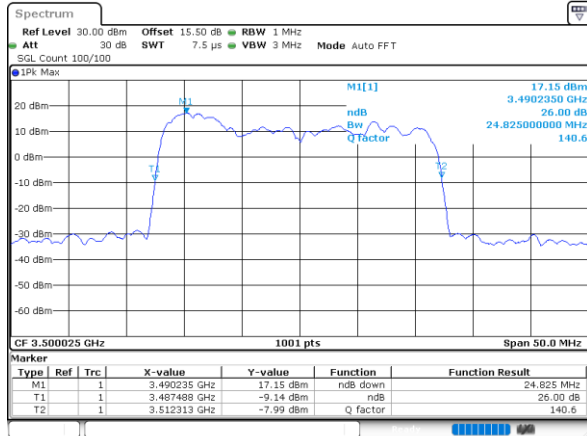
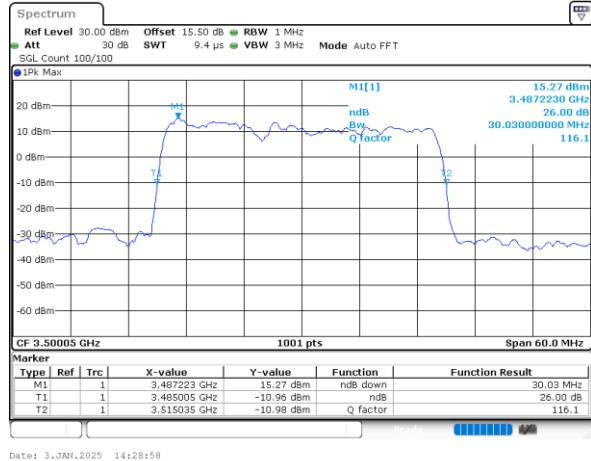
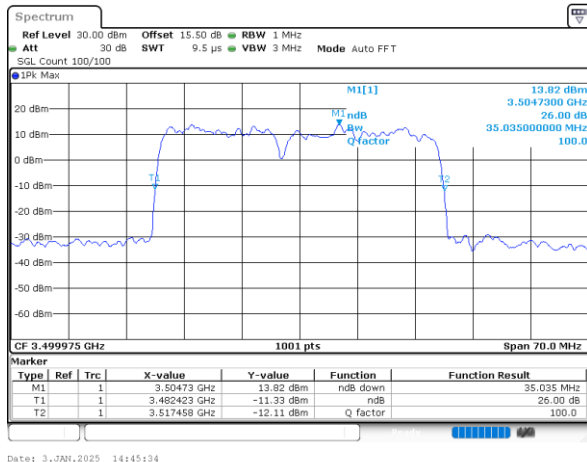
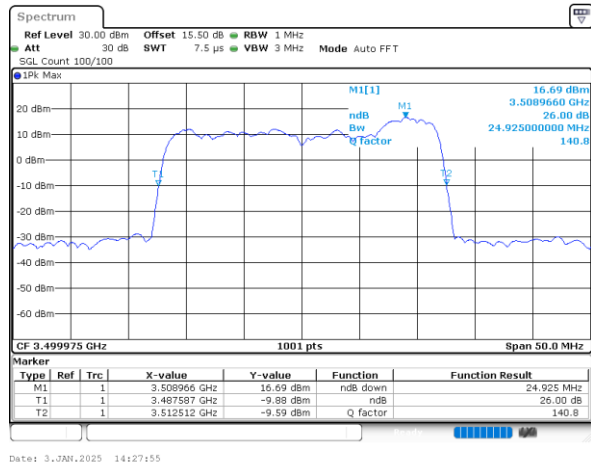
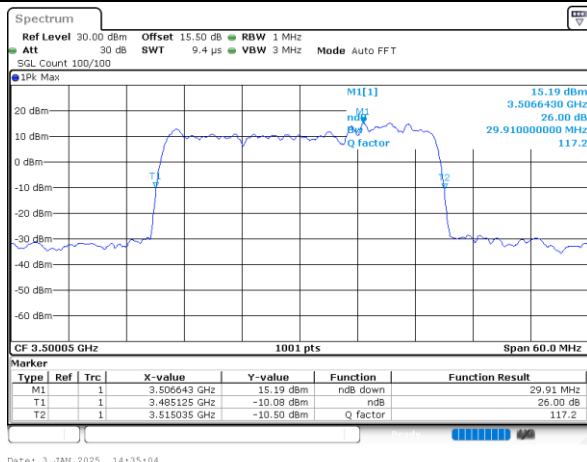
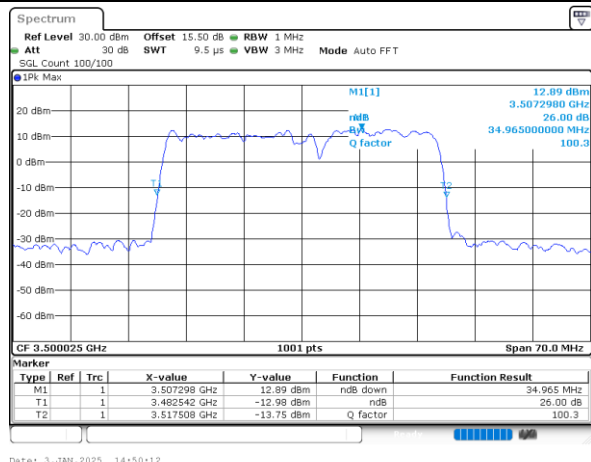
QPSK

Middle Channel / 20MHz+20MHz

N/A



Date: 3.JAN.2025 14:52:37

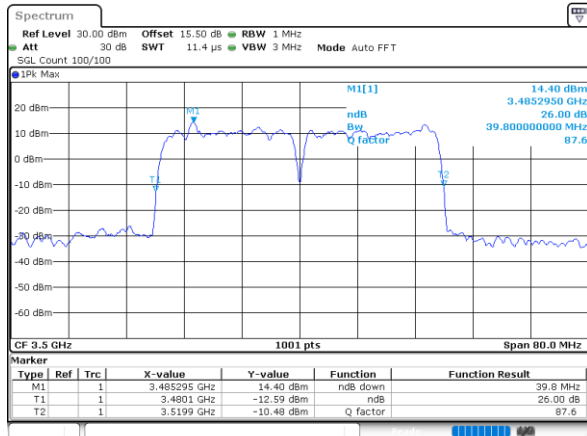
LTE Band 42C
16QAM
Middle Channel / 5MHz+20MHz

Middle Channel / 10MHz+20MHz

Middle Channel / 15MHz+20MHz

Middle Channel / 20MHz+5MHz

Middle Channel / 20MHz+10MHz

Middle Channel / 20MHz+15MHz


LTE Band 42C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 3-JAN-2025 14:52:09

**Occupied Bandwidth**

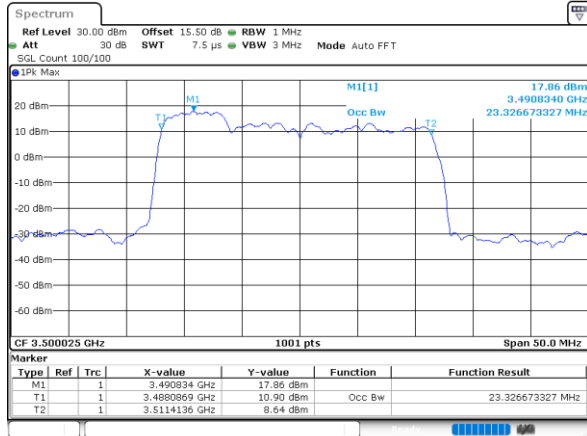
Mode	LTE Band 42C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.33	28.11	32.87	23.38
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.73	37.88	

Mode	LTE Band 42C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.28	27.93	32.80	23.13
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.80	37.64	

LTE Band 42C

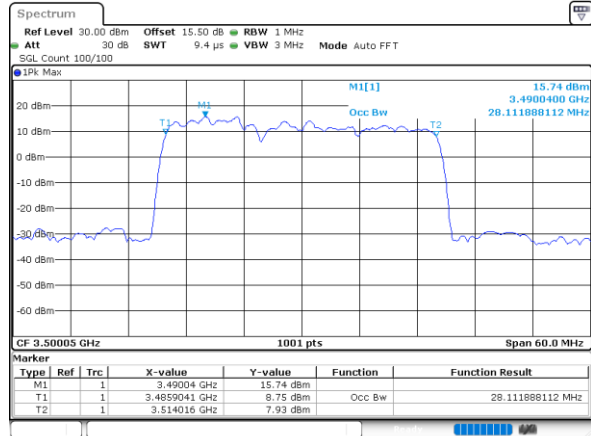
QPSK

Middle Channel / 5MHz+20MHz



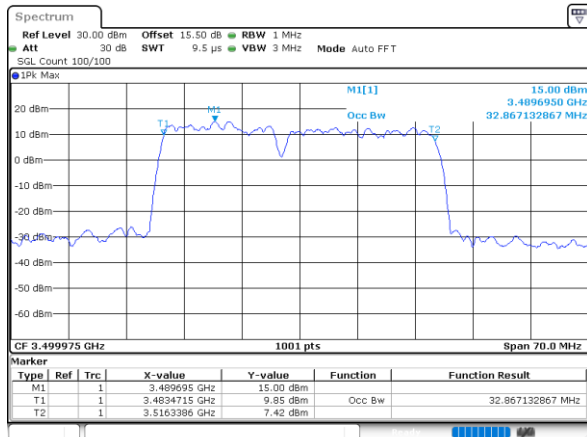
Date: 3.JAN.2025 14:22:59

Middle Channel / 10MHz+20MHz



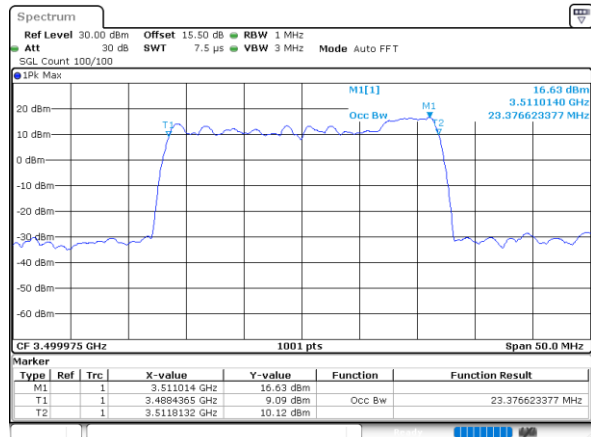
Date: 3.JAN.2025 14:29:28

Middle Channel / 15MHz+20MHz



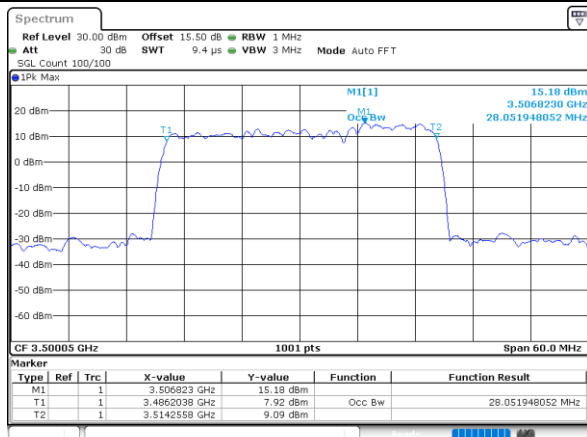
Date: 3.JAN.2025 14:44:34

Middle Channel / 20MHz+5MHz



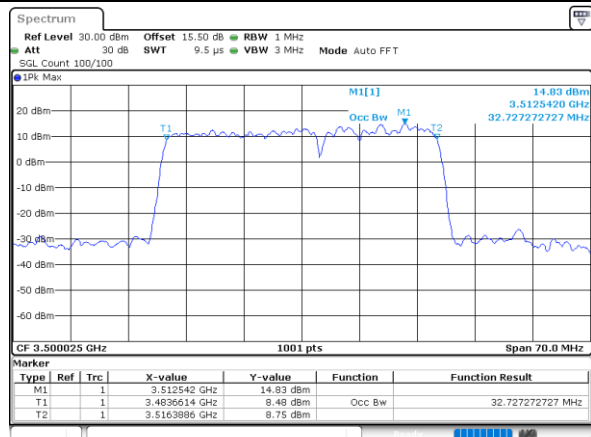
Date: 3.JAN.2025 14:26:26

Middle Channel / 20MHz+10MHz



Date: 3.JAN.2025 14:36:03

Middle Channel / 20MHz+15MHz



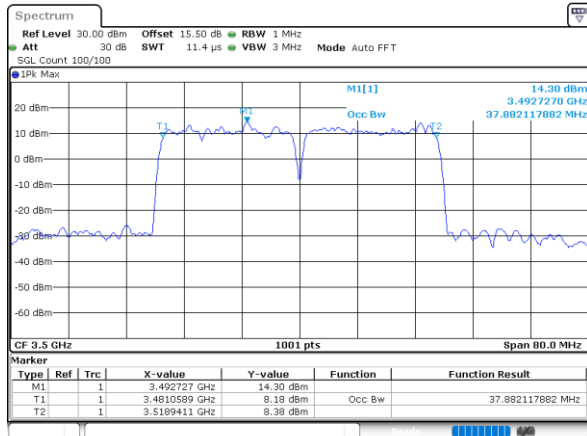
Date: 3.JAN.2025 14:48:44

LTE Band 42C

QPSK

Middle Channel / 20MHz+20MHz

N/A

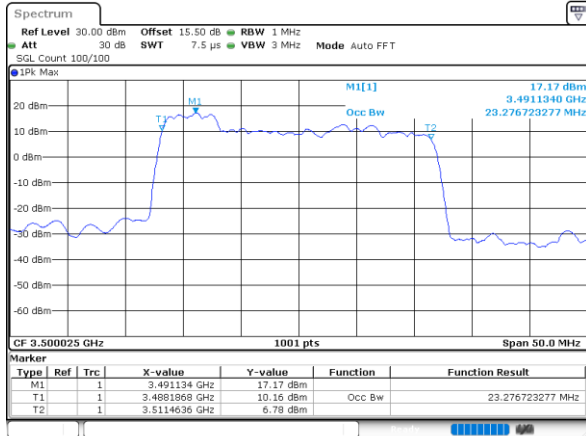


Date: 3.JAN.2025 14:51:14

LTE Band 42C

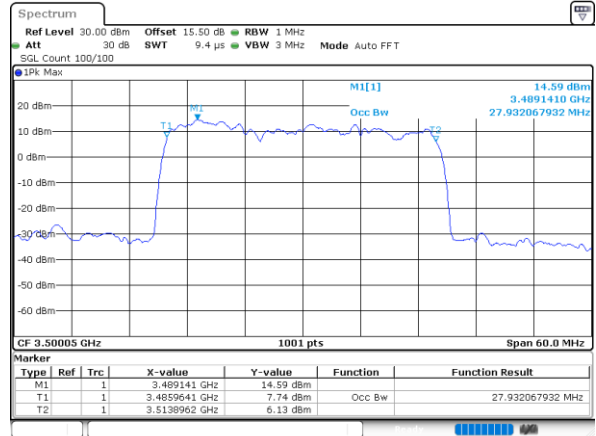
16QAM

Middle Channel / 5MHz+20MHz



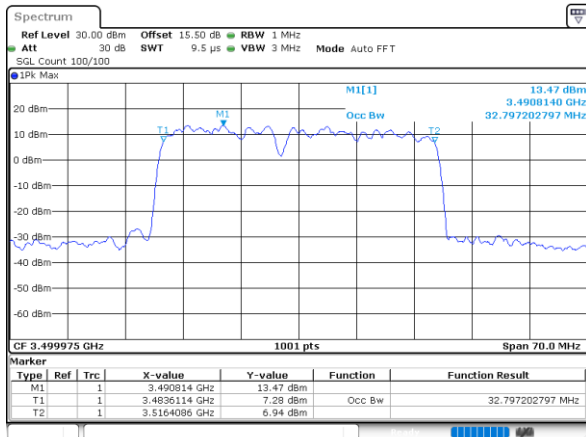
Date: 3, JAN, 2025 14:23:28

Middle Channel / 10MHz+20MHz



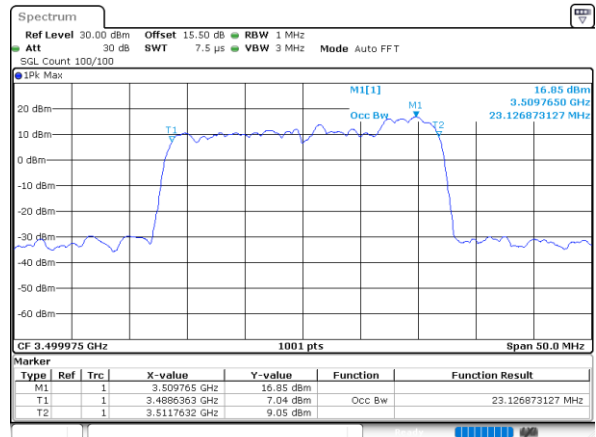
Date: 3, JAN, 2025 14:29:58

Middle Channel / 15MHz+20MHz



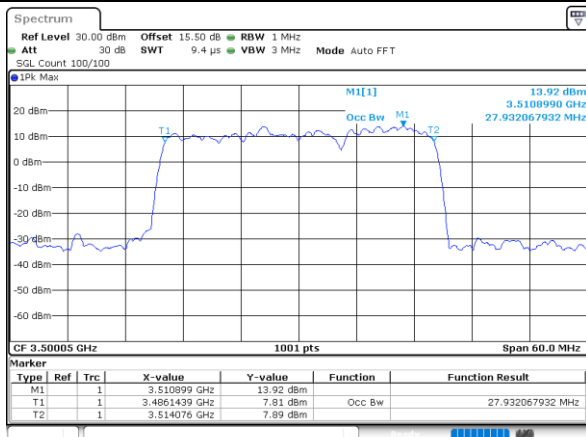
Date: 3, JAN, 2025 14:45:04

Middle Channel / 20MHz+5MHz



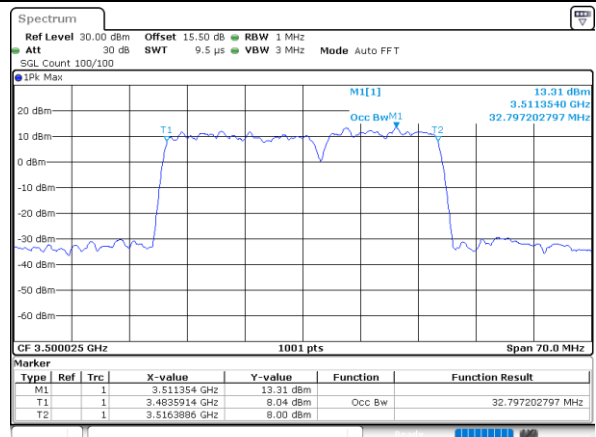
Date: 3, JAN, 2025 14:26:56

Middle Channel / 20MHz+10MHz



Date: 3, JAN, 2025 14:35:33

Middle Channel / 20MHz+15MHz



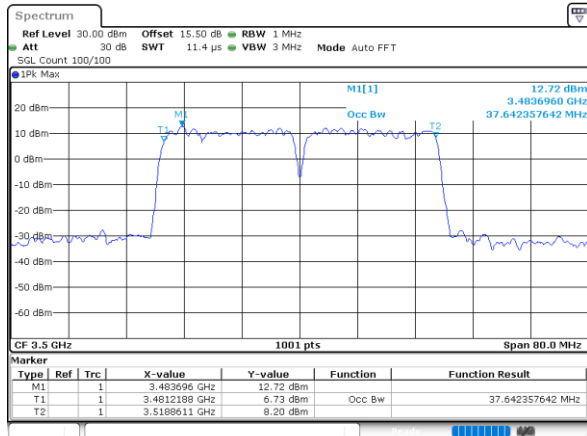
Date: 3, JAN, 2025 14:49:14

LTE Band 42C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 3.JAN.2025 14:51:42

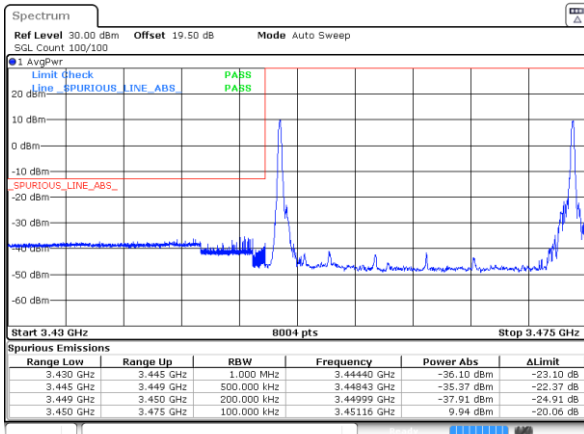


Conducted Band Edge

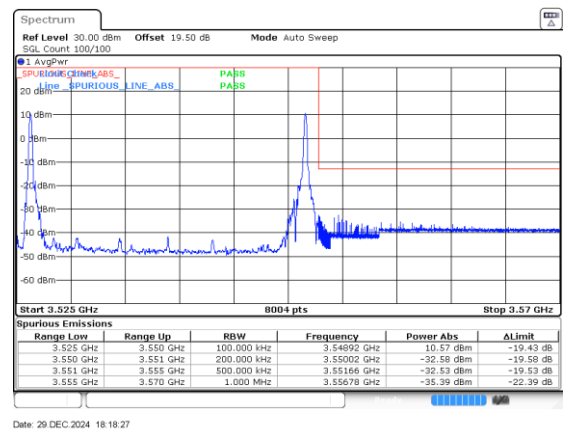
LTE Band 42C / 5MHz+20MHz

QPSK

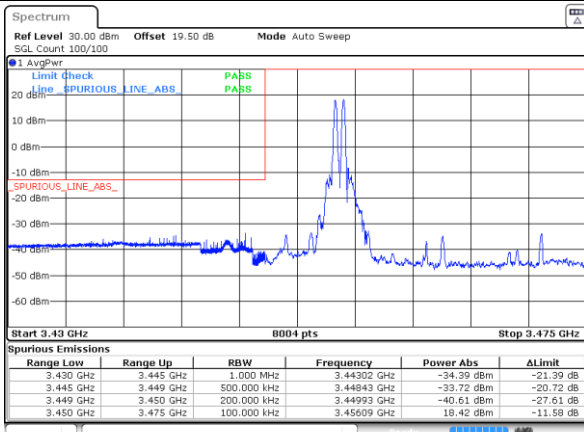
Lowest Band Edge / 1RB0 and 1RB99



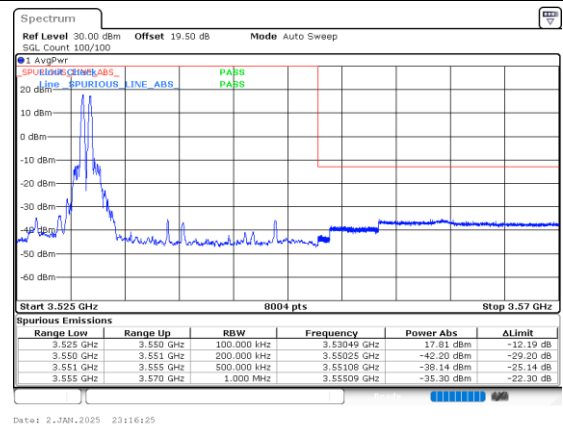
Highest Band Edge / 1RB0 and 1RB99



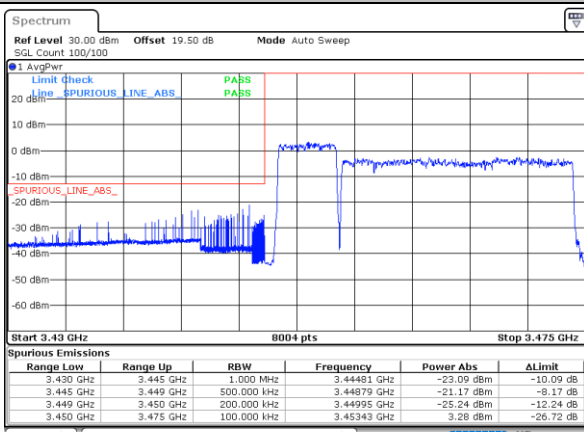
Lowest Band Edge / 1RB24 and 1RB0



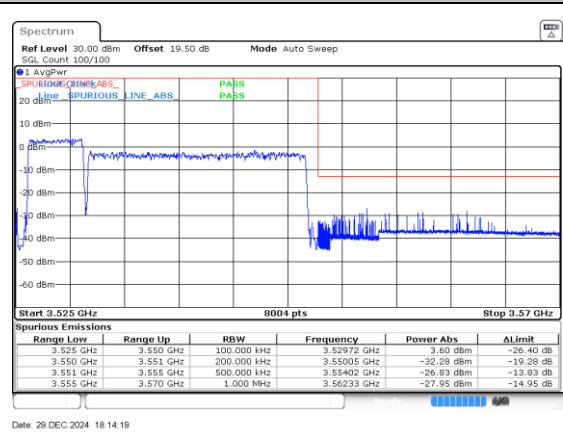
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

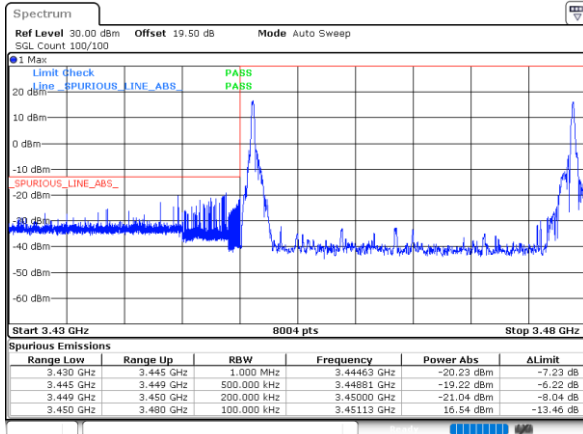




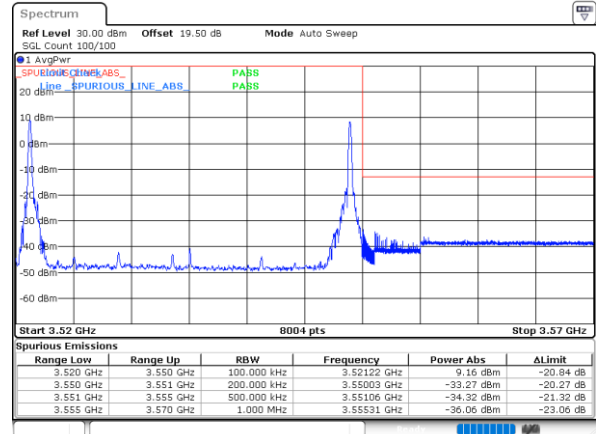
LTE Band 42C / 10MHz+20MHz

QPSK

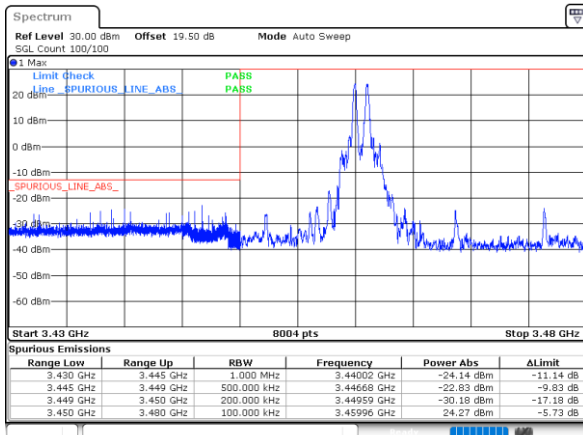
Lowest Band Edge / 1RB0 and 1RB99



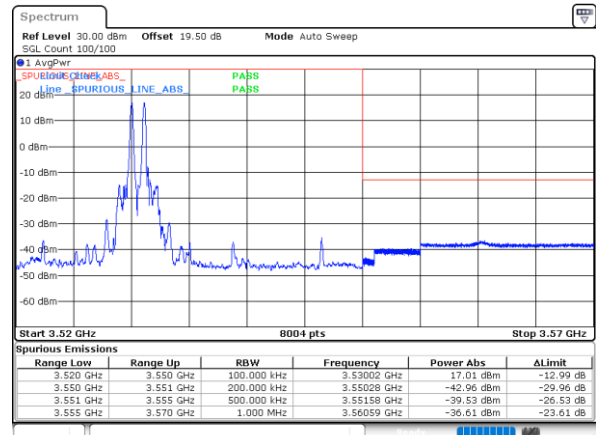
Highest Band Edge / 1RB0 and 1RB99



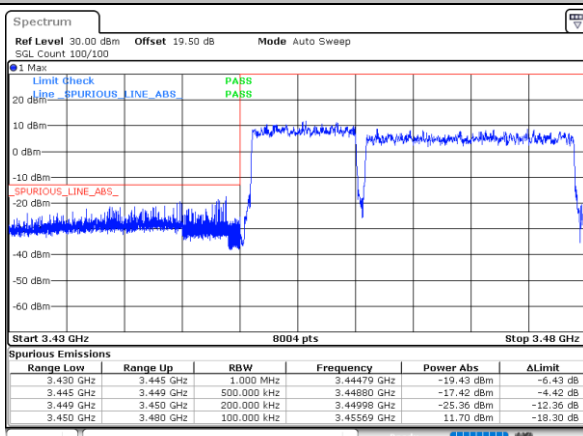
Lowest Band Edge / 1RB49 and 1RB0



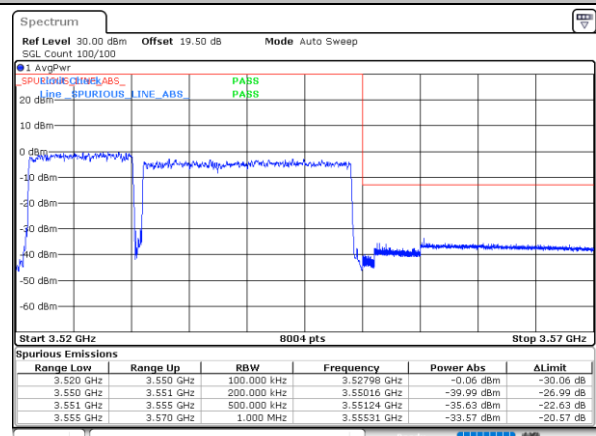
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

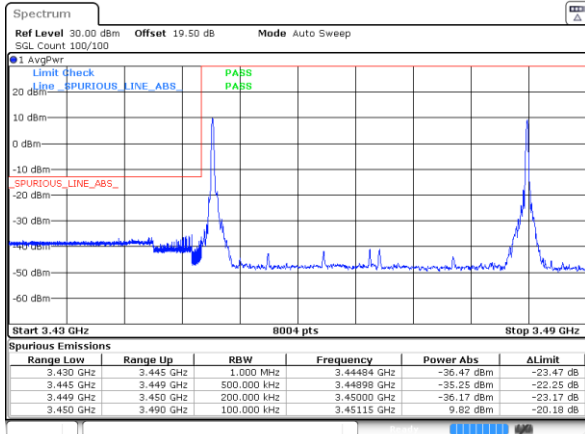




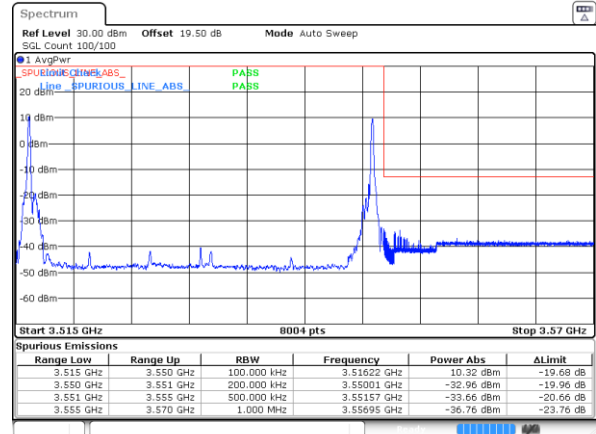
LTE Band 42C / 15MHz+20MHz

QPSK

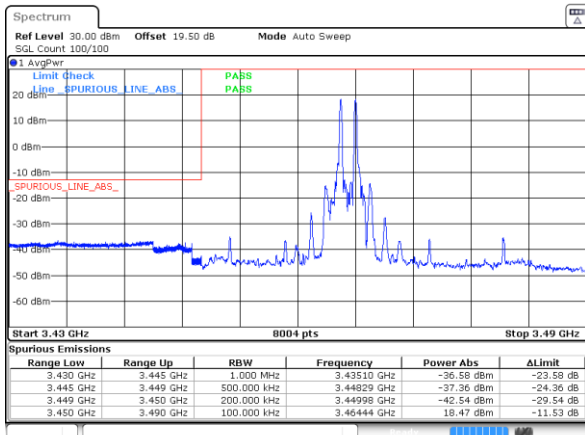
Lowest Band Edge / 1RB0 and 1RB99



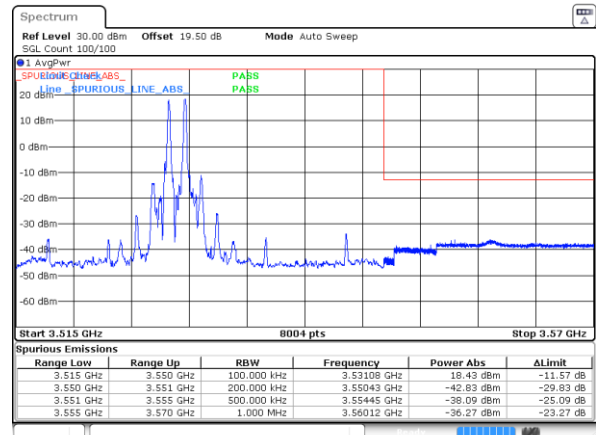
Highest Band Edge / 1RB0 and 1RB99



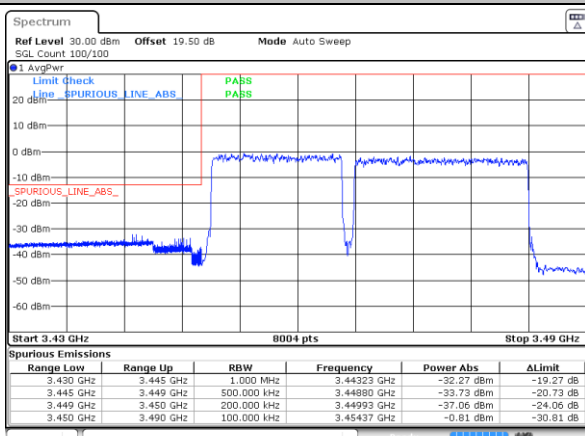
Lowest Band Edge / 1RB74 and 1RB0



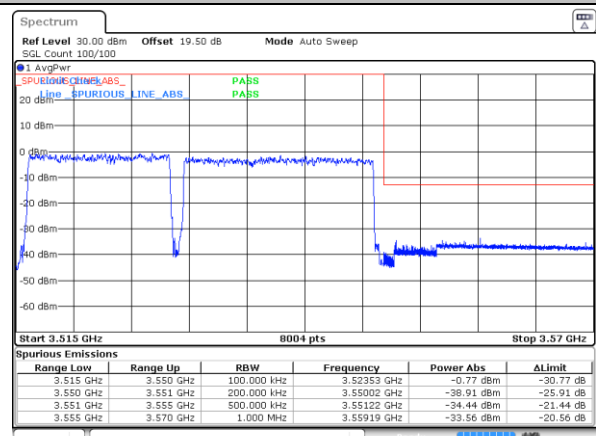
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

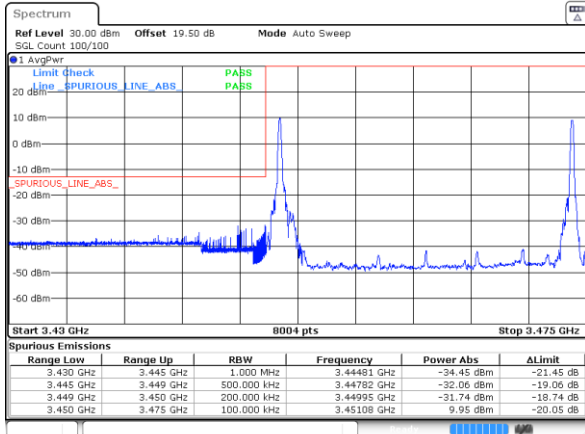




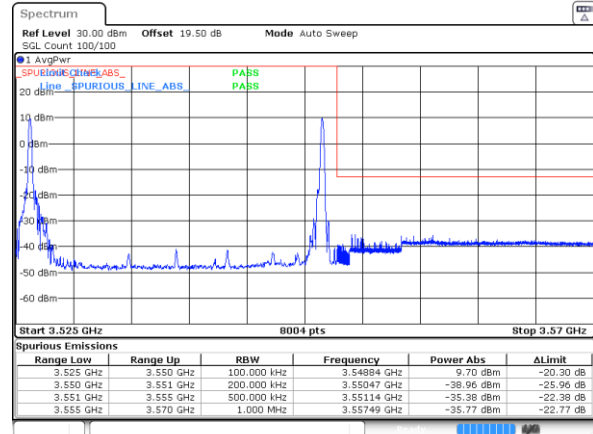
LTE Band 42C / 20MHz+5MHz

QPSK

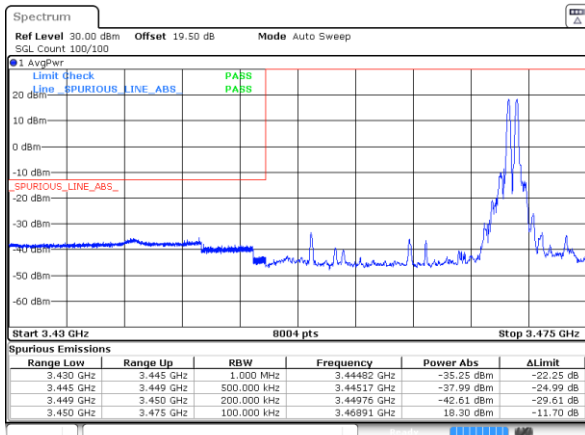
Lowest Band Edge / 1RB0 and 1RB24



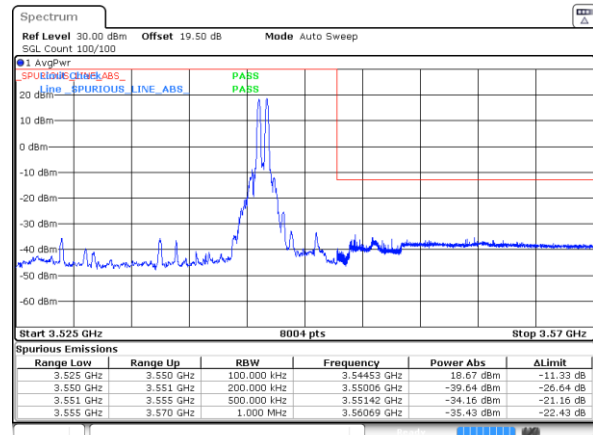
Highest Band Edge / 1RB0 and 1RB24



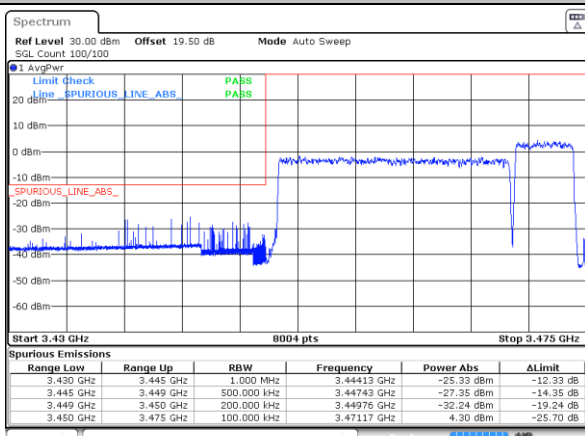
Lowest Band Edge / 1RB99 and 1RB0



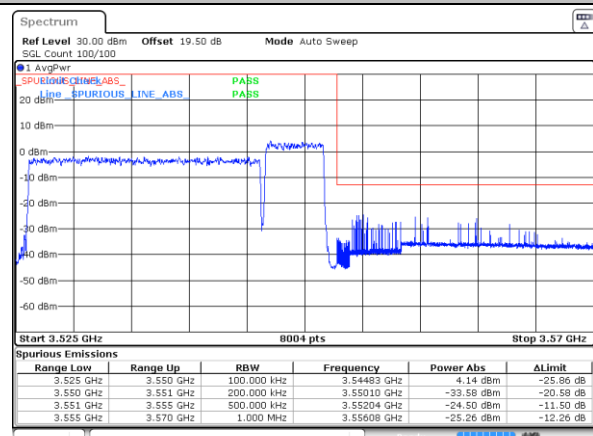
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

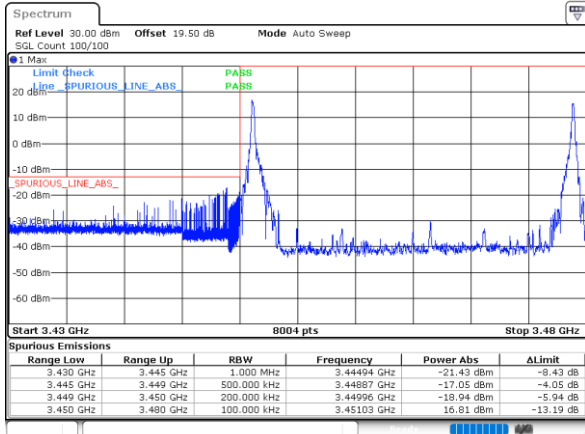




LTE Band 42C / 20MHz+10MHz

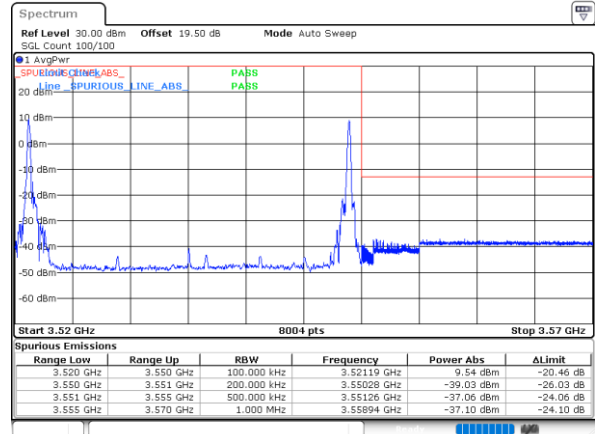
QPSK

Lowest Band Edge / 1RB0 and 1RB49



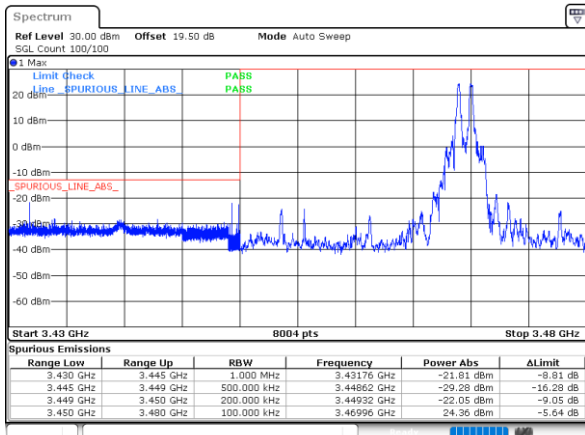
Date: 23.JAN.2025 18:56:37

Highest Band Edge / 1RB0 and 1RB49



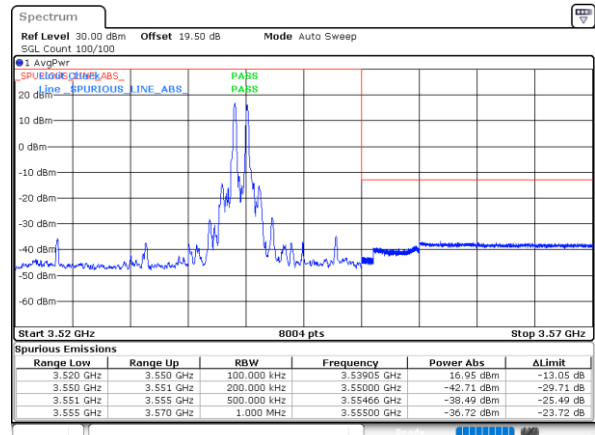
Date: 23.JAN.2025 18:59:49

Lowest Band Edge / 1RB99 and 1RB0



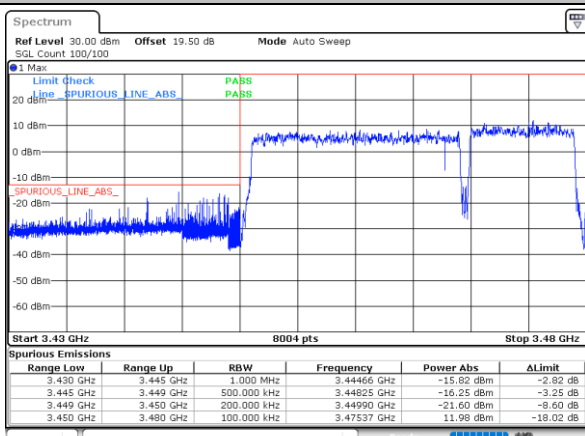
Date: 23.JAN.2025 20:53:34

Highest Band Edge / 1RB99 and 1RB0



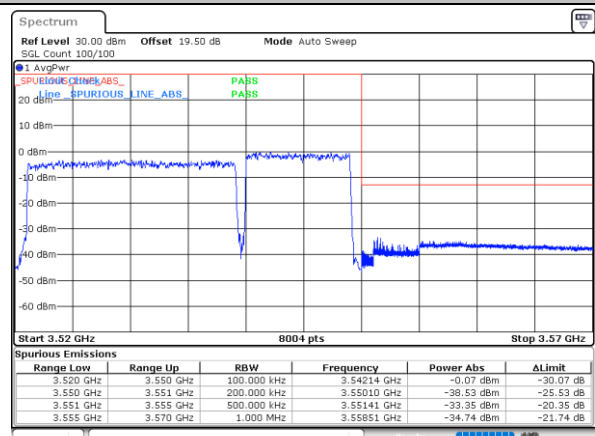
Date: 23.JAN.2025 20:55:46

Lowest Band Edge / Full RB



Date: 23.JAN.2025 20:51:22

Highest Band Edge / Full RB



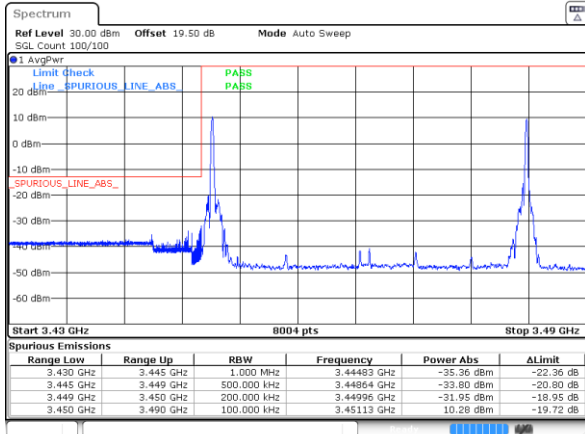
Date: 23.JAN.2025 20:57:58



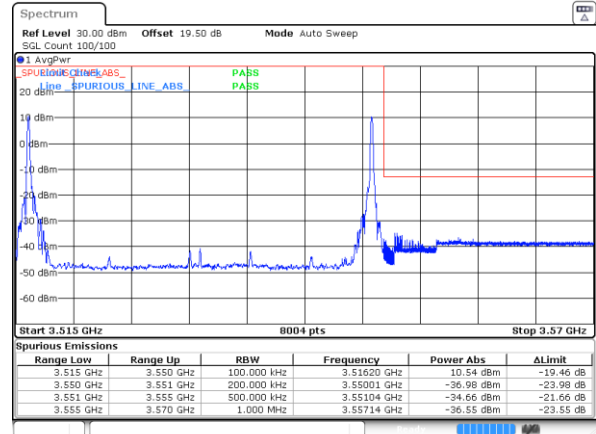
LTE Band 42C / 20MHz+15MHz

QPSK

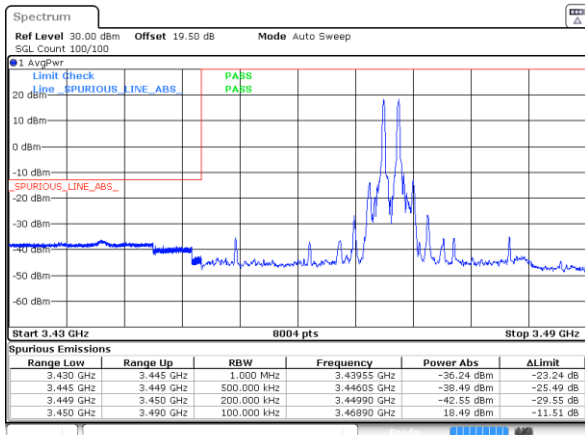
Lowest Band Edge / 1RB0 and 1RB74



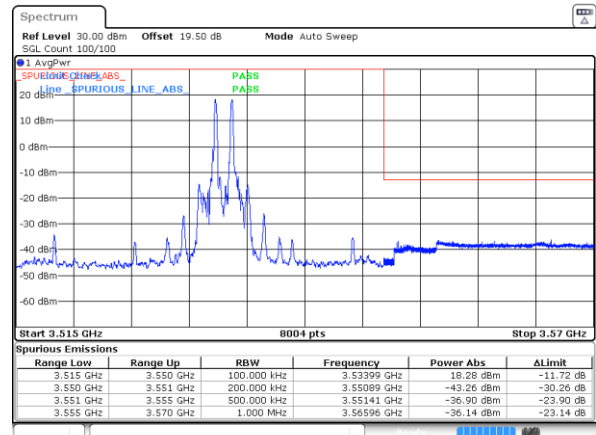
Highest Band Edge / 1RB0 and 1RB74



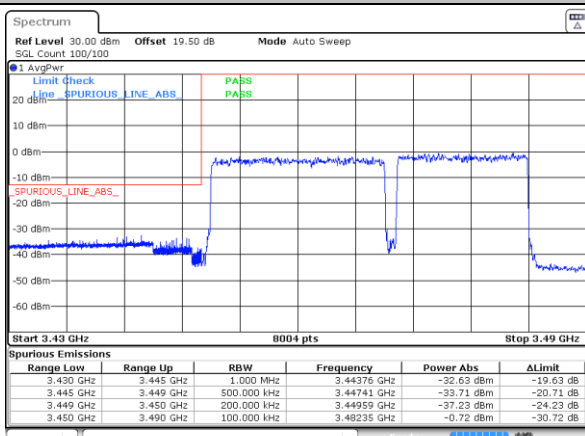
Lowest Band Edge / 1RB99 and 1RB0



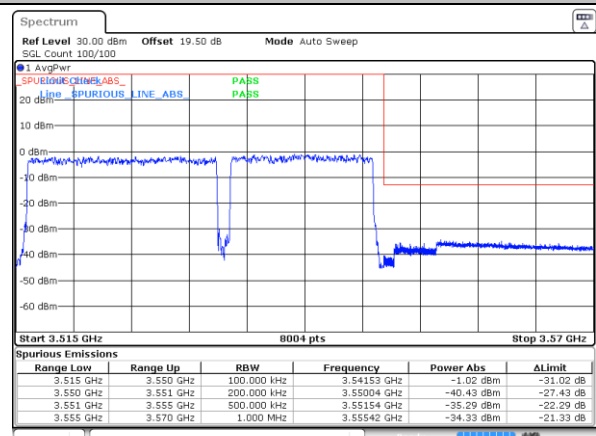
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

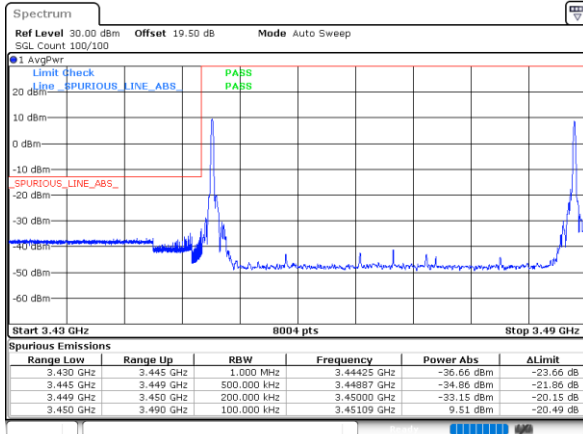




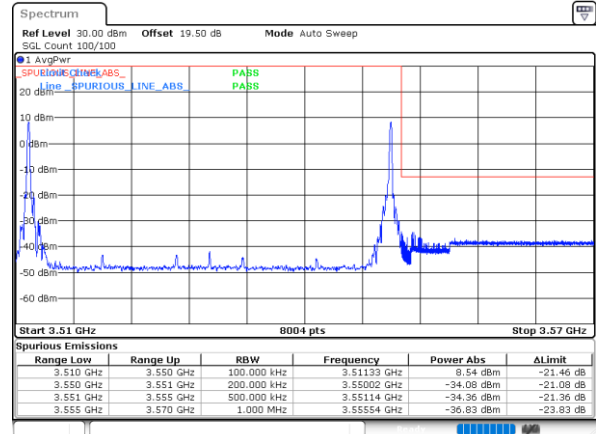
LTE Band 42C / 20MHz+20MHz

QPSK

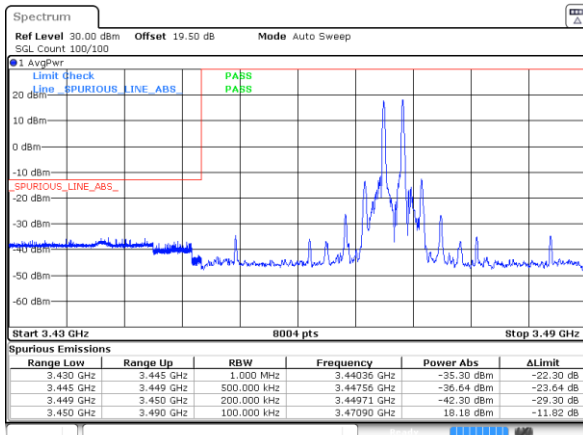
Lowest Band Edge / 1RB0 and 1RB99



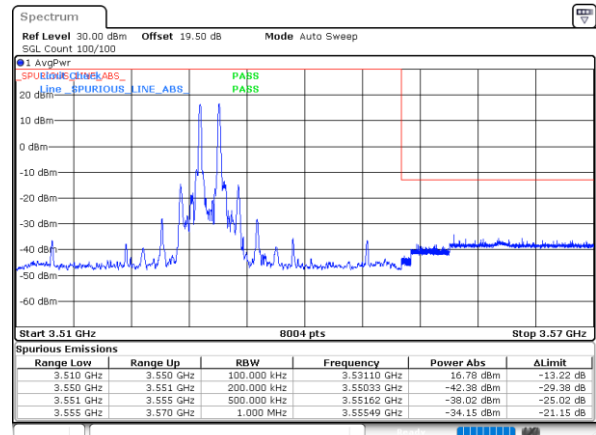
Highest Band Edge / 1RB0 and 1RB99



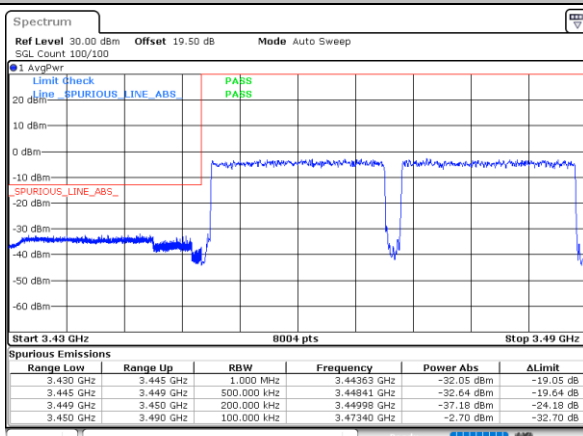
Lowest Band Edge / 1RB99 and 1RB0



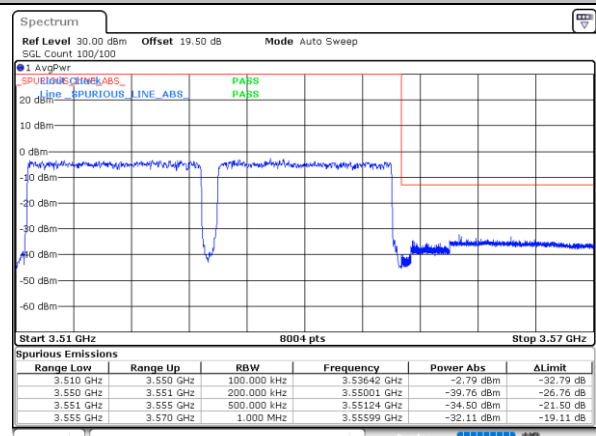
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

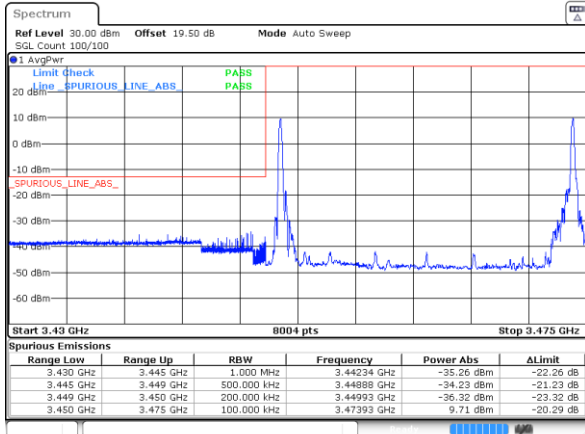




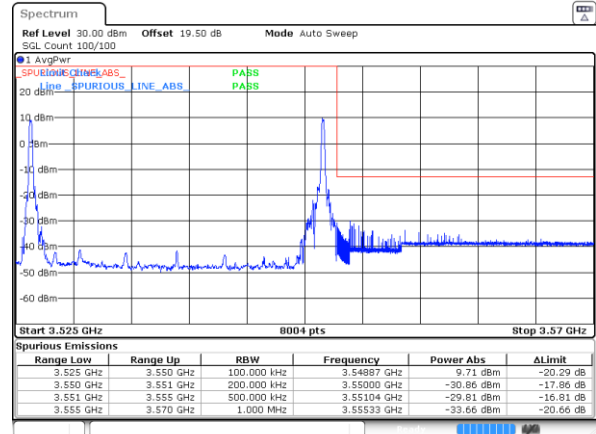
LTE Band 42C / 5MHz+20MHz

16QAM

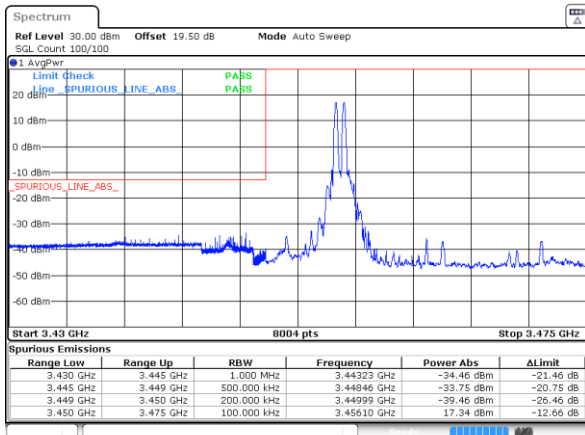
Lowest Band Edge / 1RB0 and 1RB99



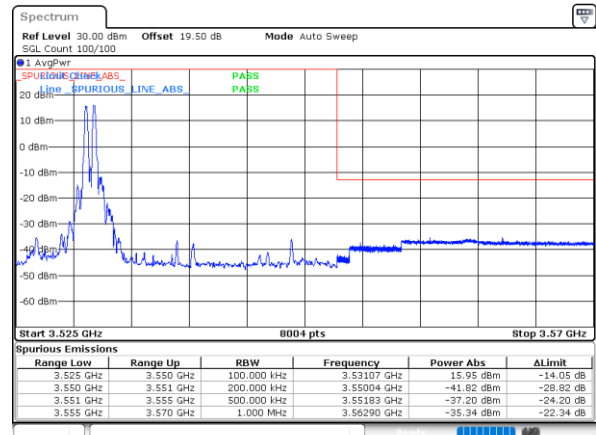
Highest Band Edge / 1RB0 and 1RB99



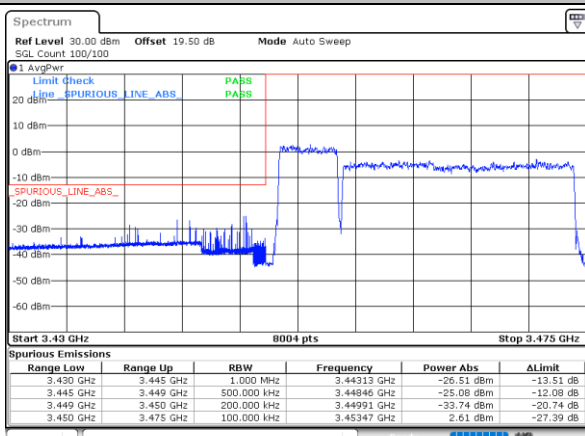
Lowest Band Edge / 1RB24 and 1RB0



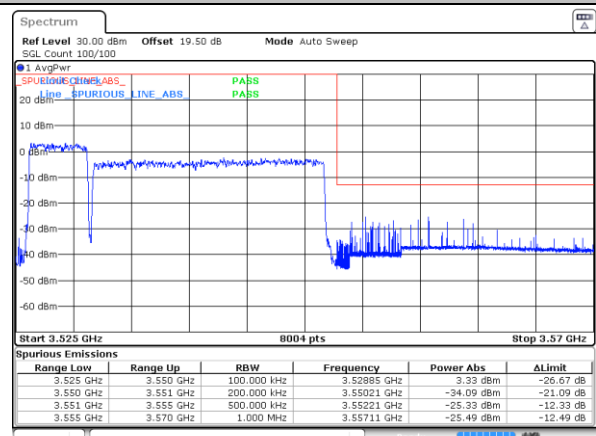
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

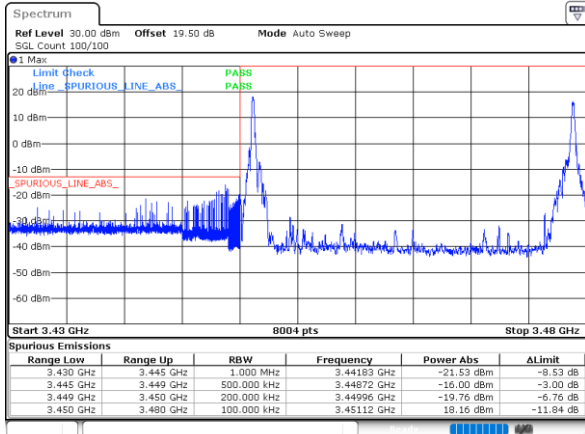




LTE Band 42C / 10MHz+20MHz

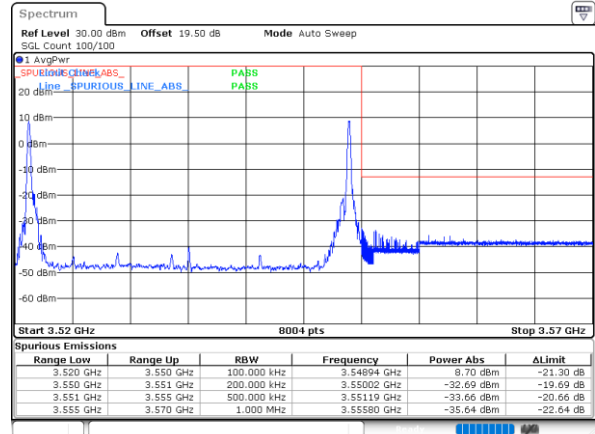
16QAM

Lowest Band Edge / 1RB0 and 1RB99



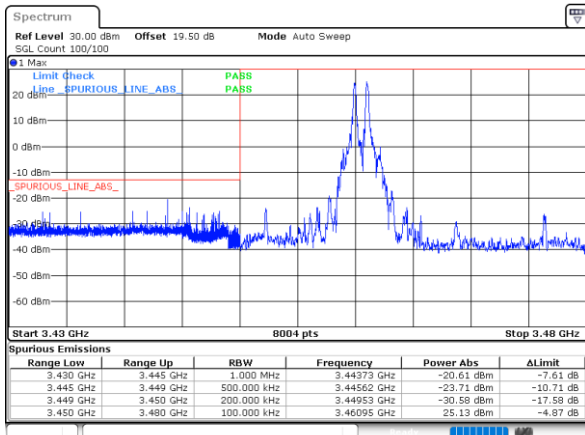
Date: 23.JAN.2025 18:50:50

Highest Band Edge / 1RB0 and 1RB99



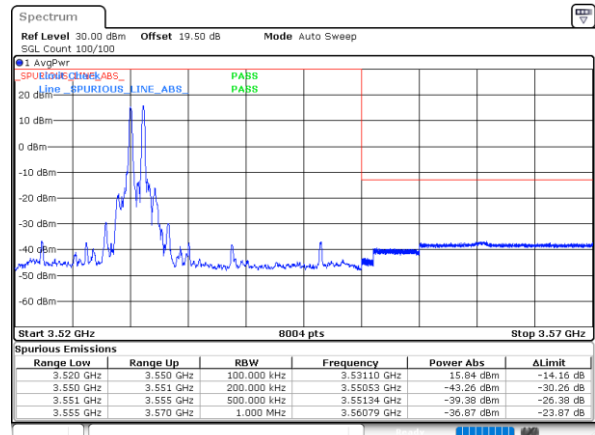
Date: 23.JAN.2025 18:53:18

Lowest Band Edge / 1RB49 and 1RB0



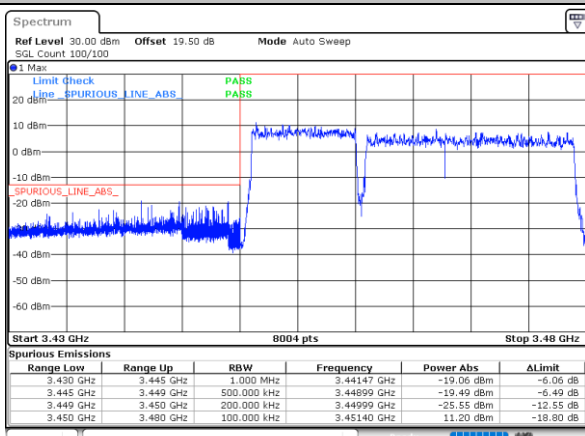
Date: 23.JAN.2025 20:44:47

Highest Band Edge / 1RB49 and 1RB0



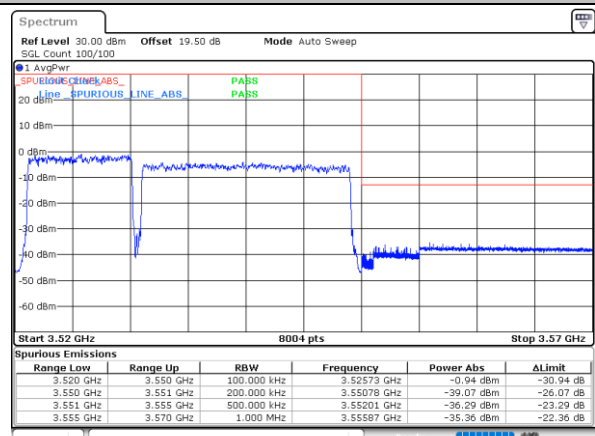
Date: 23.JAN.2025 20:47:00

Lowest Band Edge / Full RB



Date: 23.JAN.2025 20:42:35

Highest Band Edge / Full RB



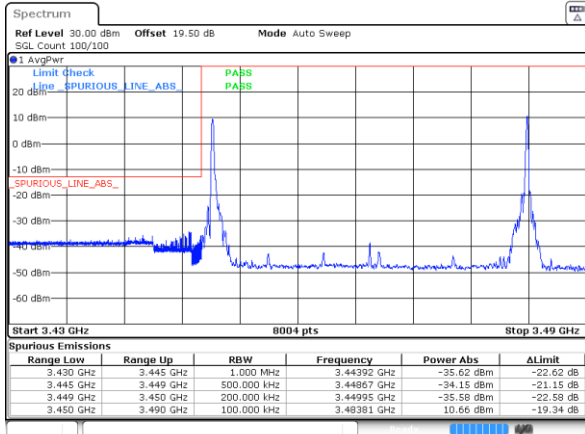
Date: 23.JAN.2025 20:49:50



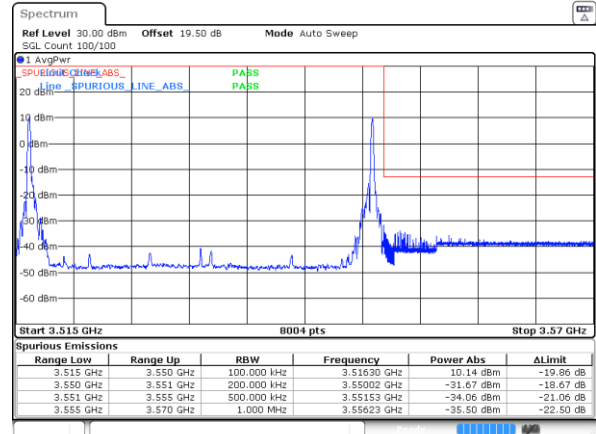
LTE Band 42C / 15MHz+20MHz

16QAM

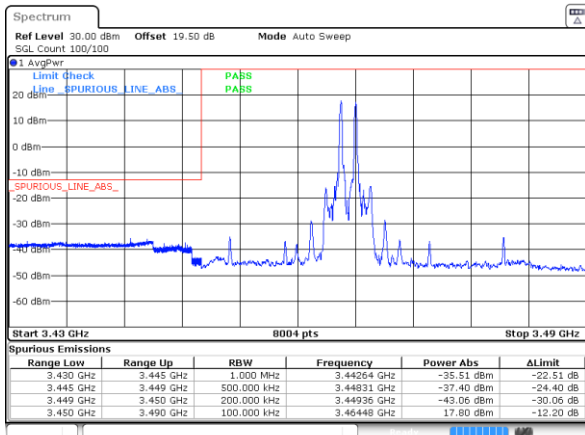
Lowest Band Edge / 1RB0 and 1RB99



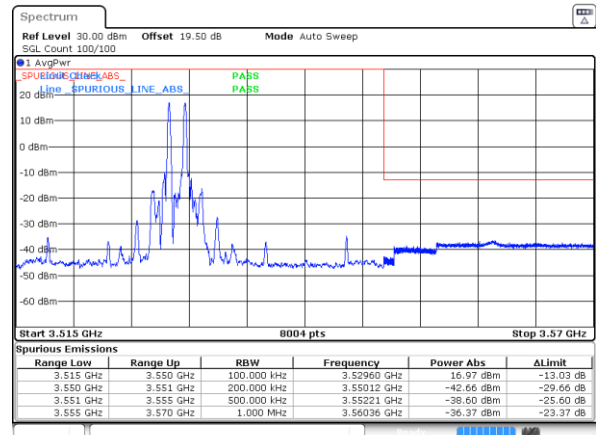
Highest Band Edge / 1RB0 and 1RB99



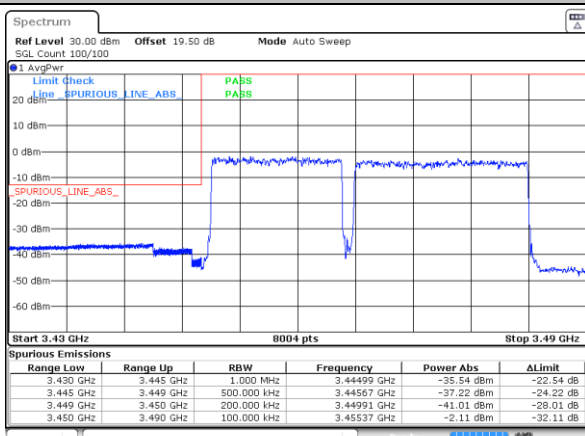
Lowest Band Edge / 1RB74 and 1RB0



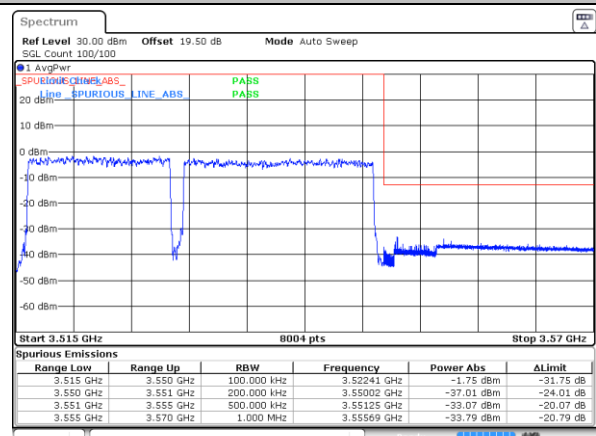
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

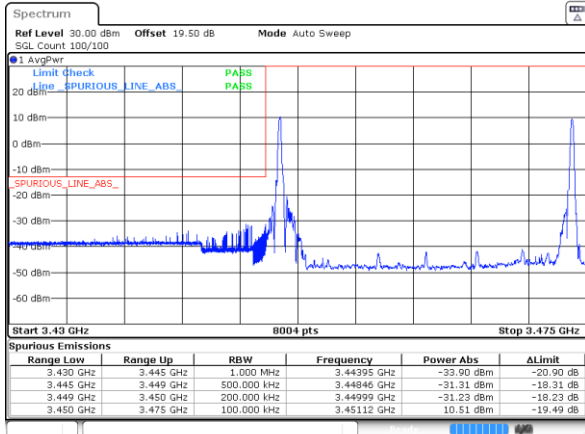




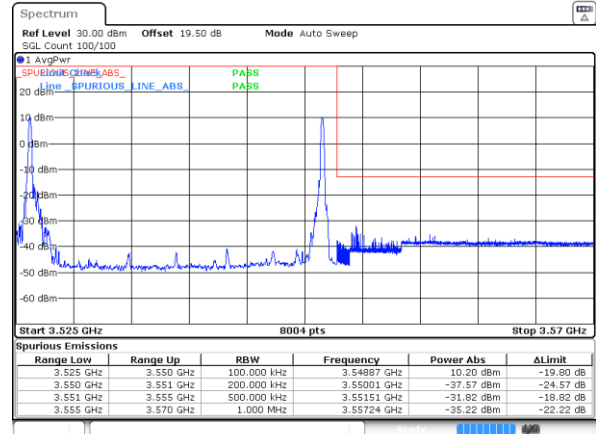
LTE Band 42C / 20MHz+5MHz

16QAM

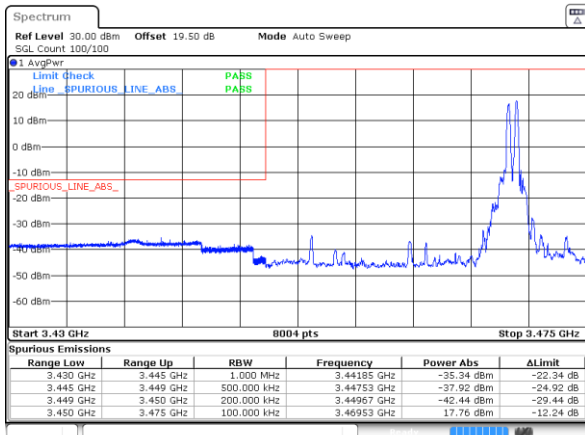
Lowest Band Edge / 1RB0 and 1RB24



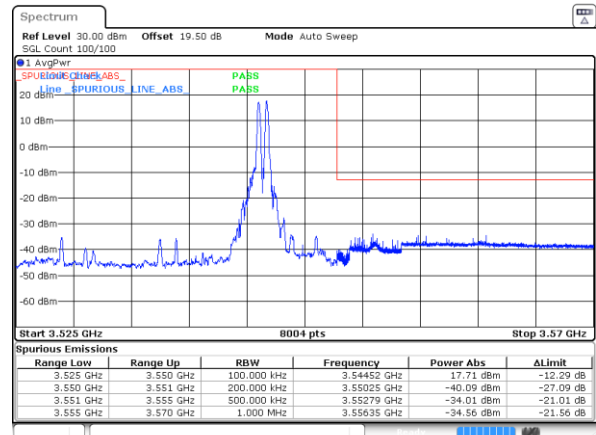
Highest Band Edge / 1RB0 and 1RB24



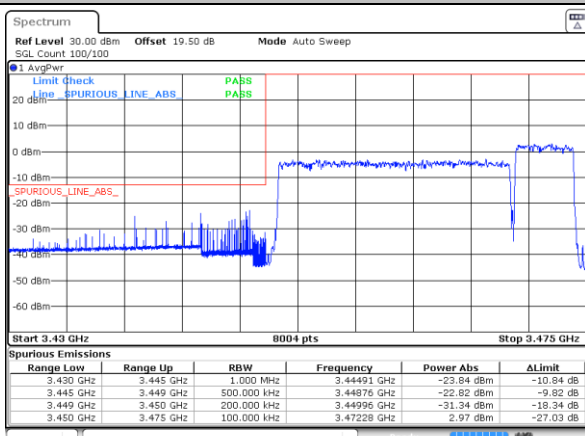
Lowest Band Edge / 1RB99 and 1RB0



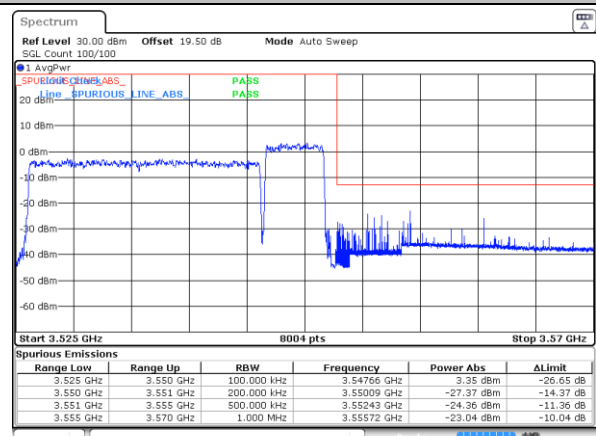
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

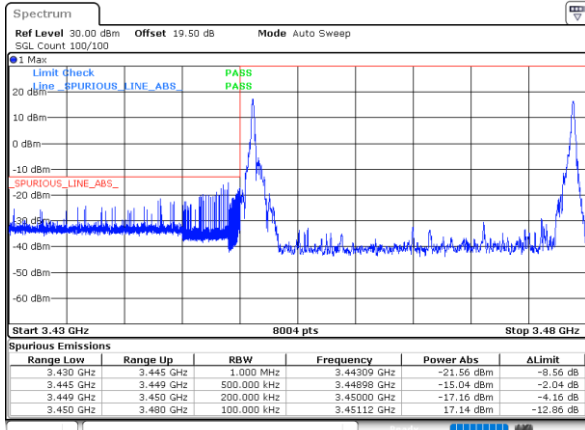




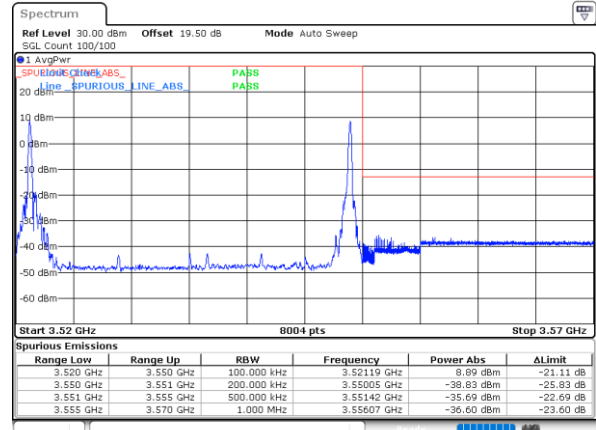
LTE Band 42C / 20MHz+10MHz

16QAM

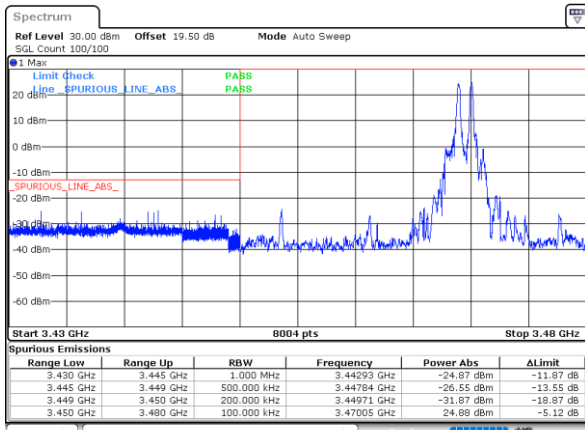
Lowest Band Edge / 1RB0 and 1RB49



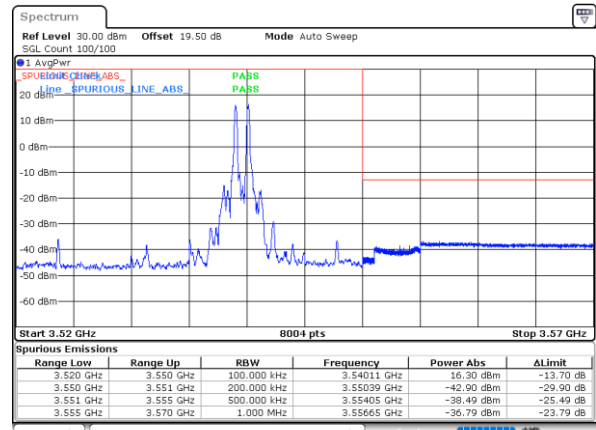
Highest Band Edge / 1RB0 and 1RB49



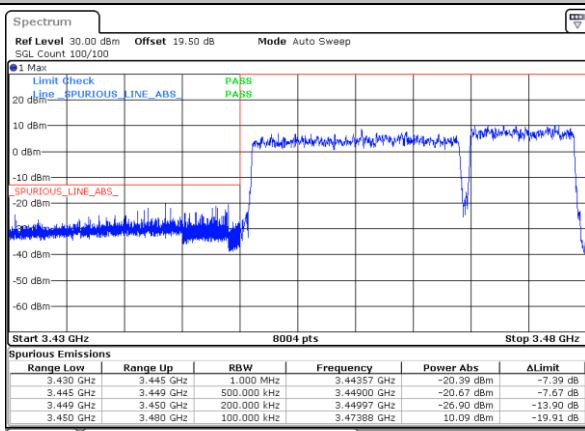
Lowest Band Edge / 1RB99 and 1RB0



Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

