

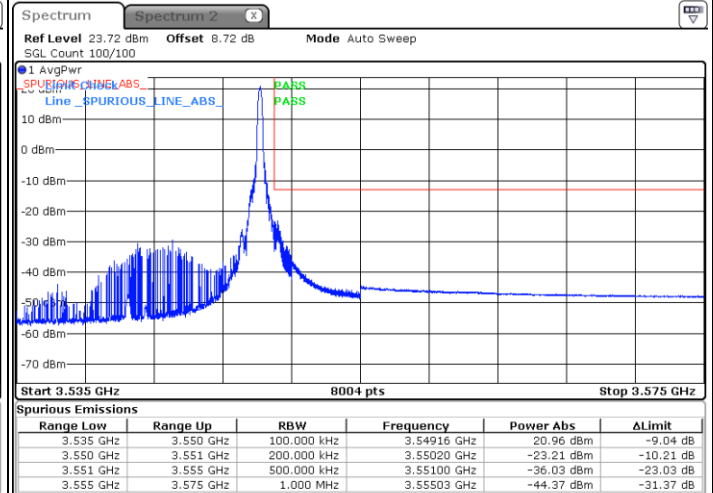
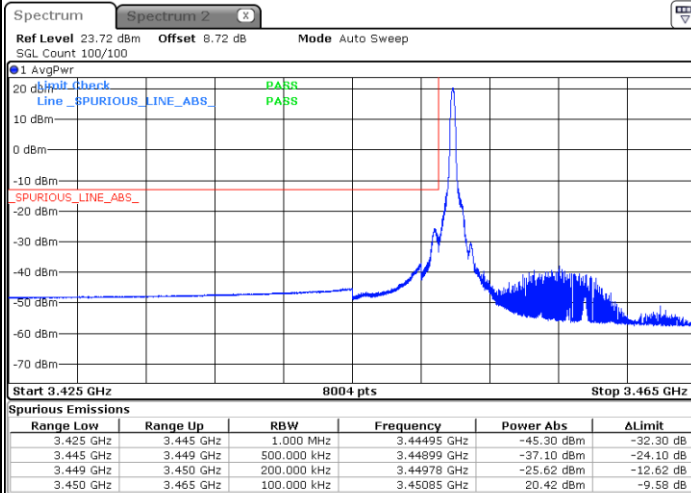


LTE Band 42 / 15MHz

QPSK

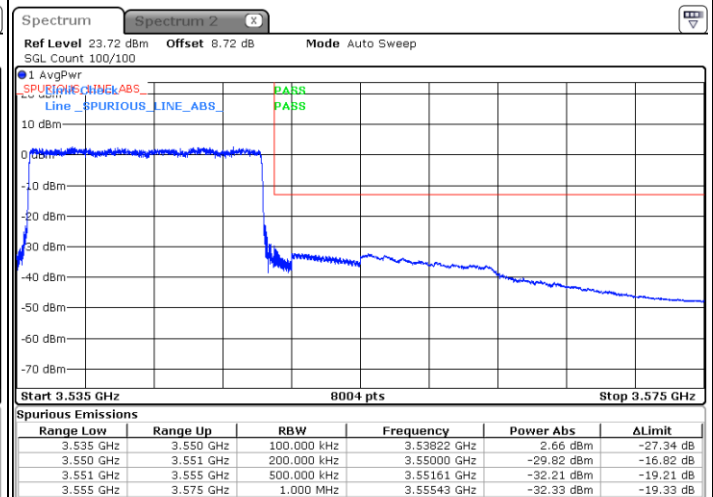
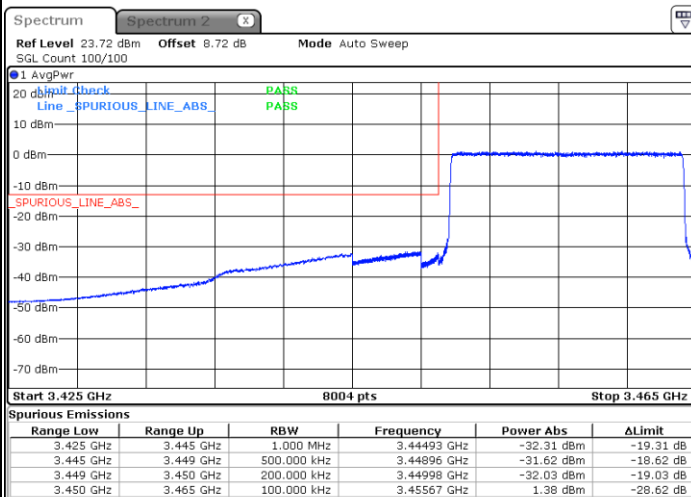
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB

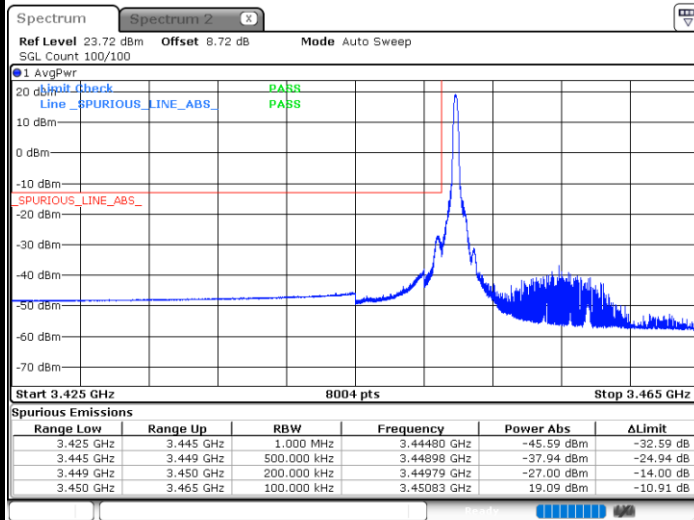




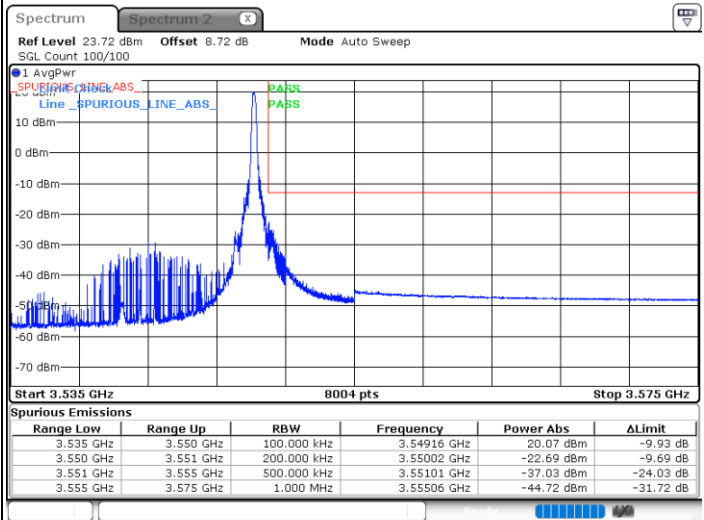
LTE Band 42 / 15MHz

16QAM

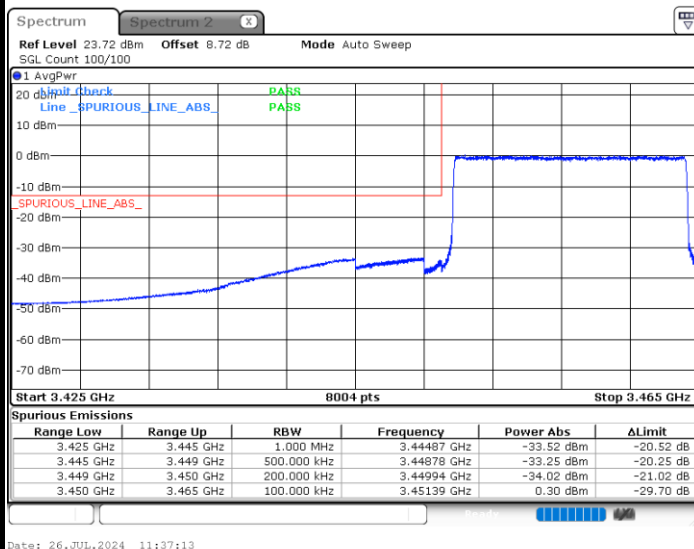
Lowest Channel / 1RB0



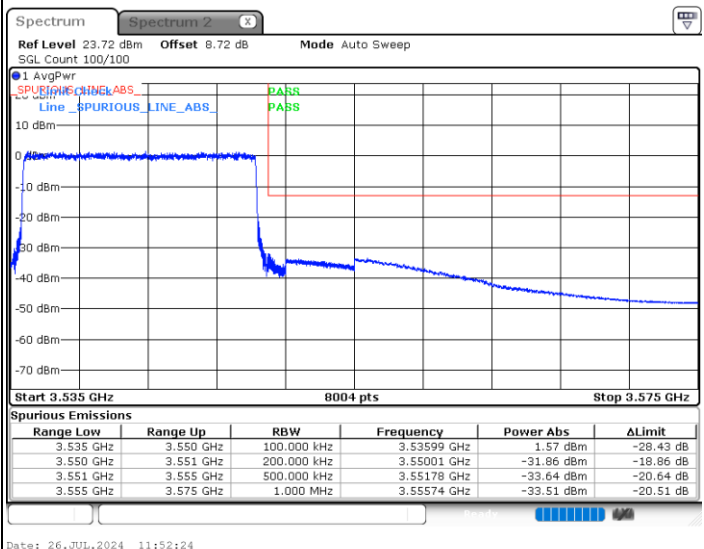
Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB



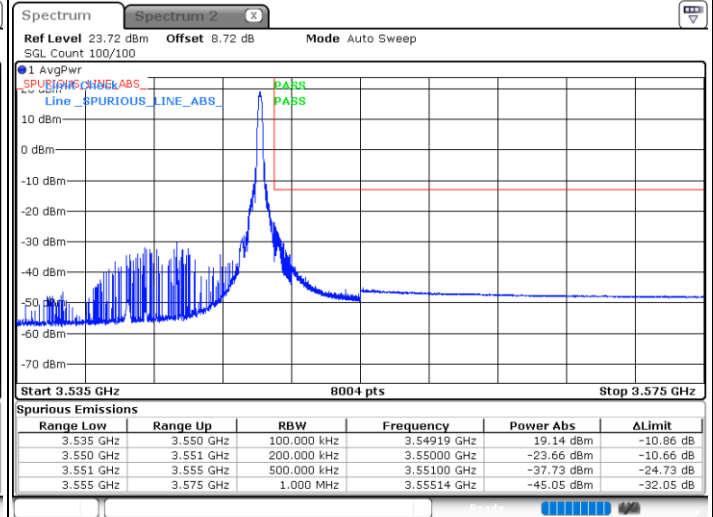
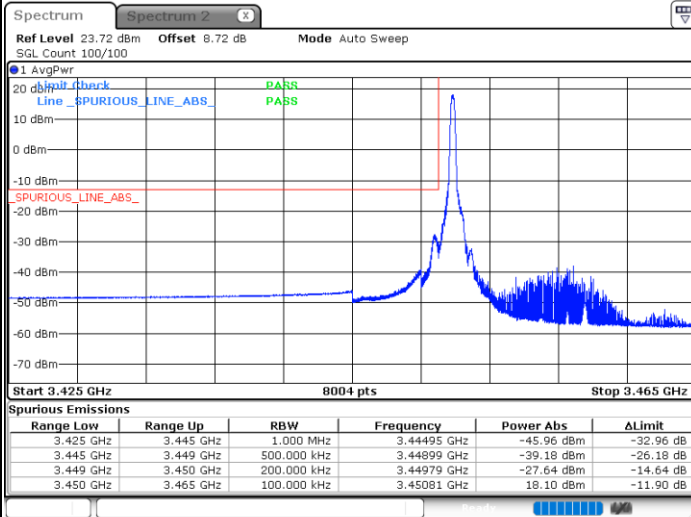


LTE Band 42 / 15MHz

64QAM

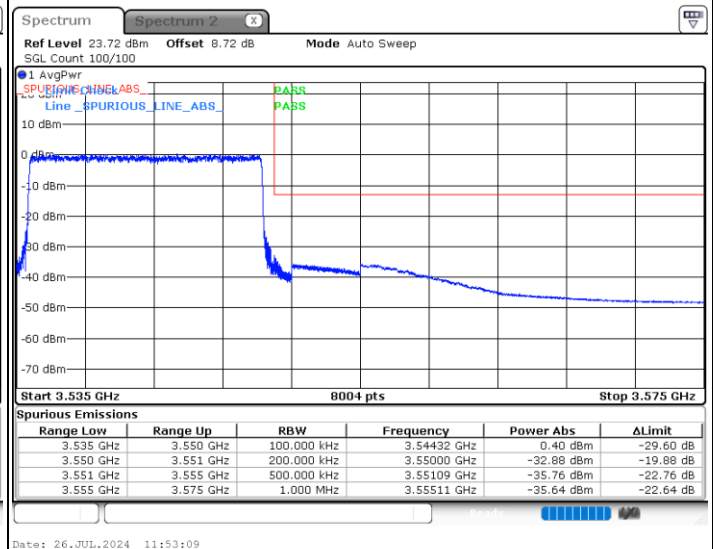
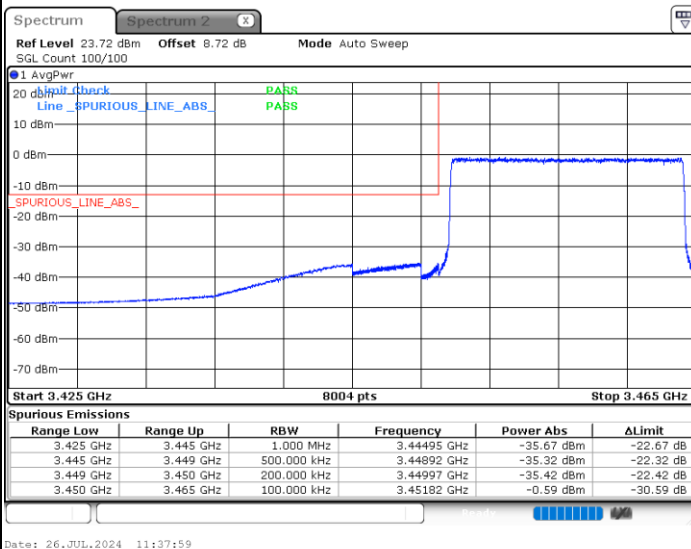
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



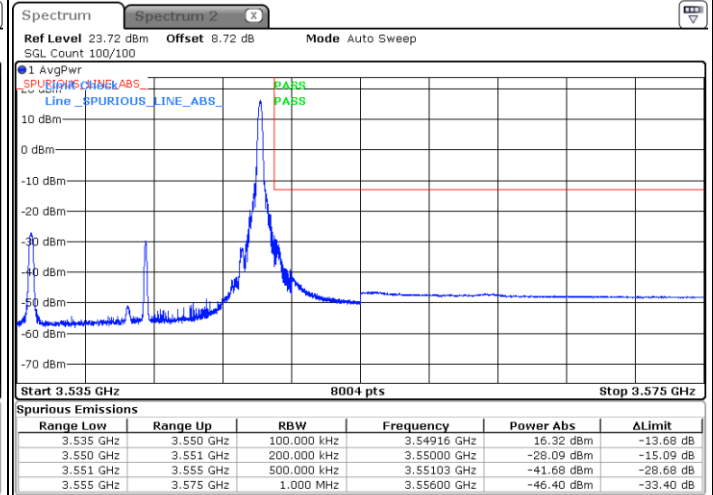
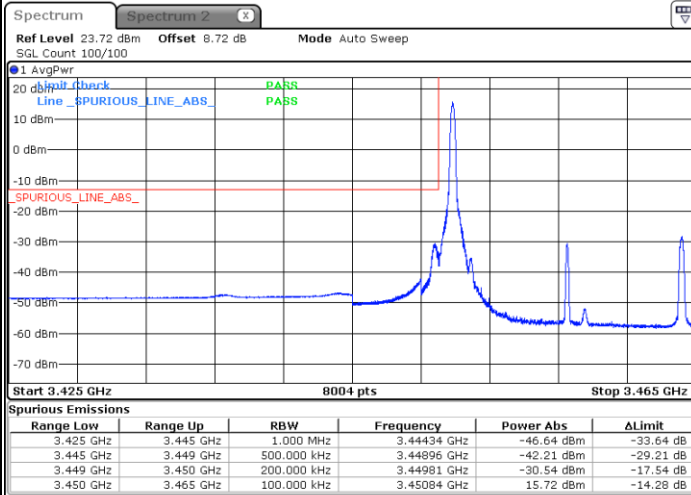


LTE Band 42 / 15MHz

256QAM

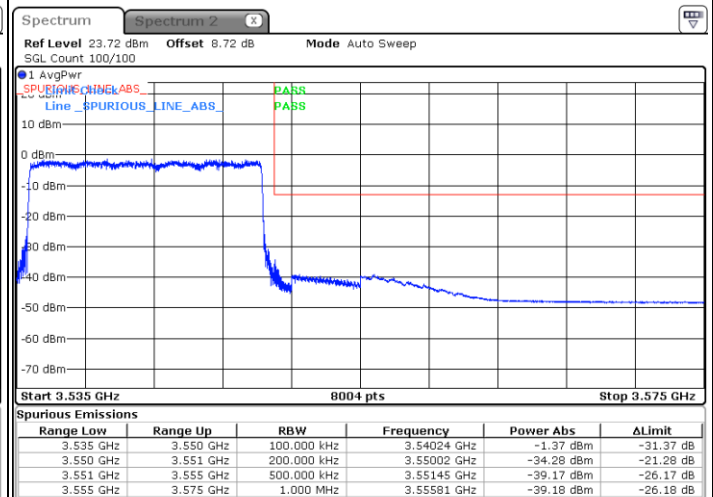
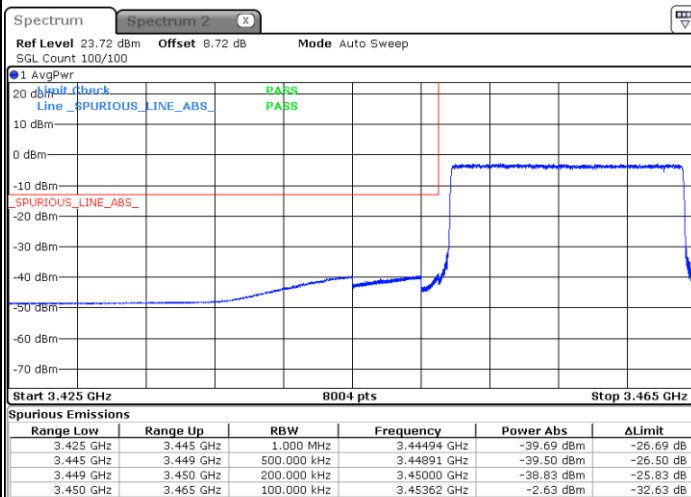
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB

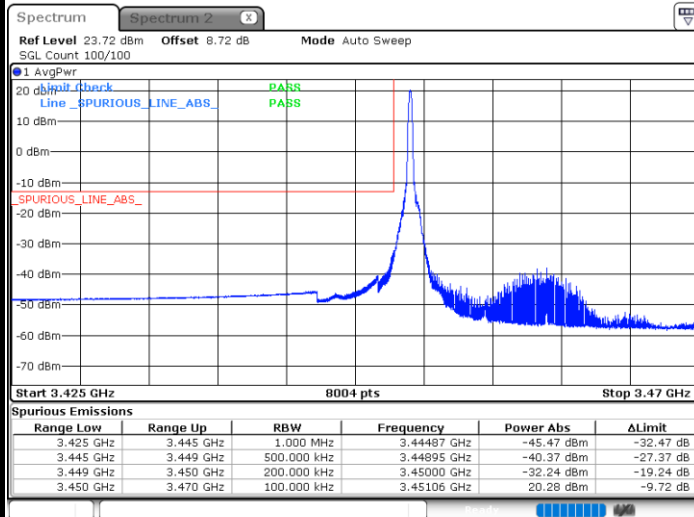




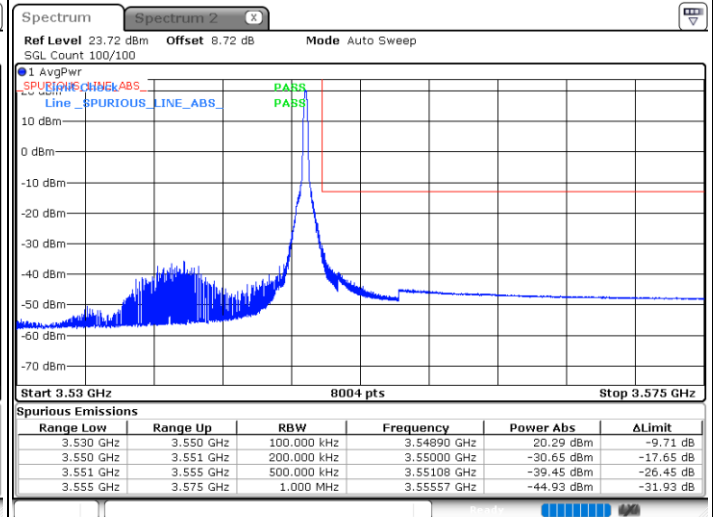
LTE Band 42 / 20MHz

QPSK

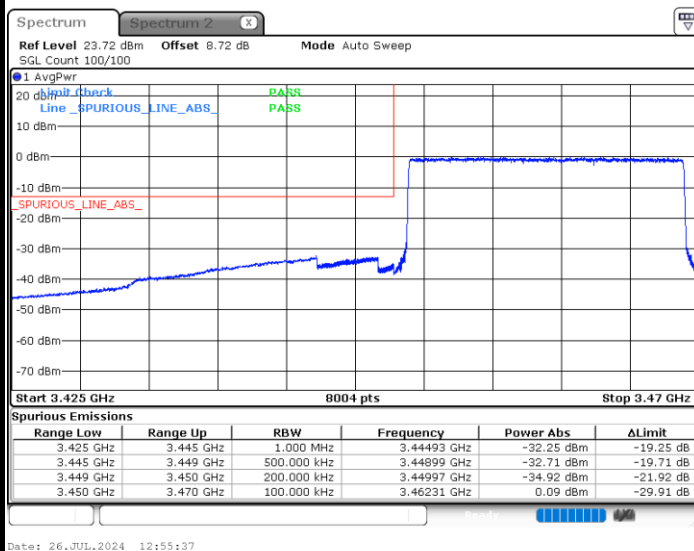
Lowest Channel / 1RB0



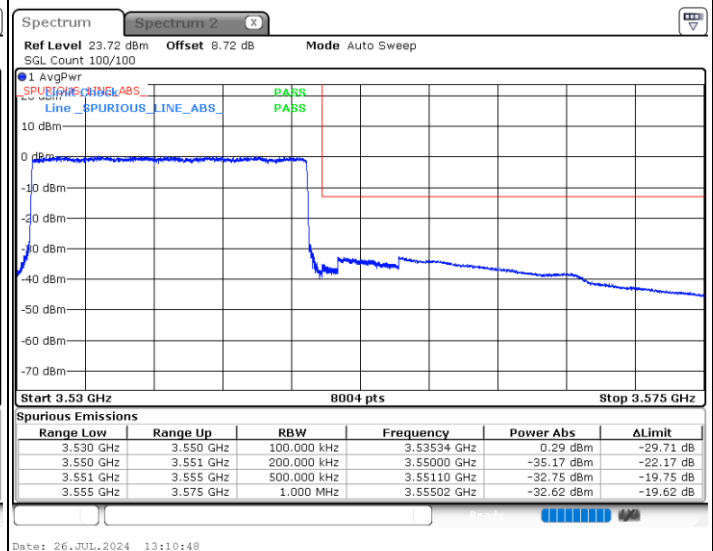
Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB

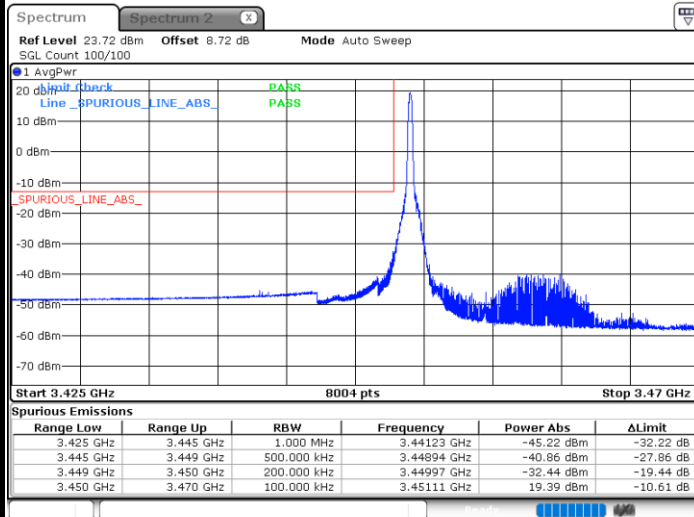




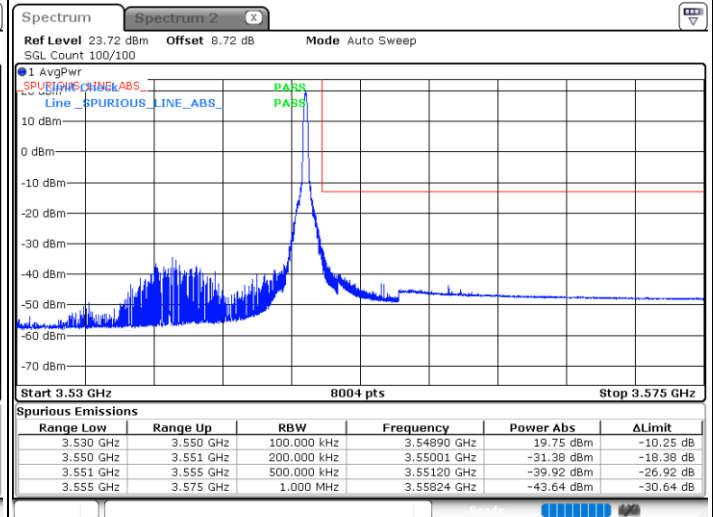
LTE Band 42 / 20MHz

16QAM

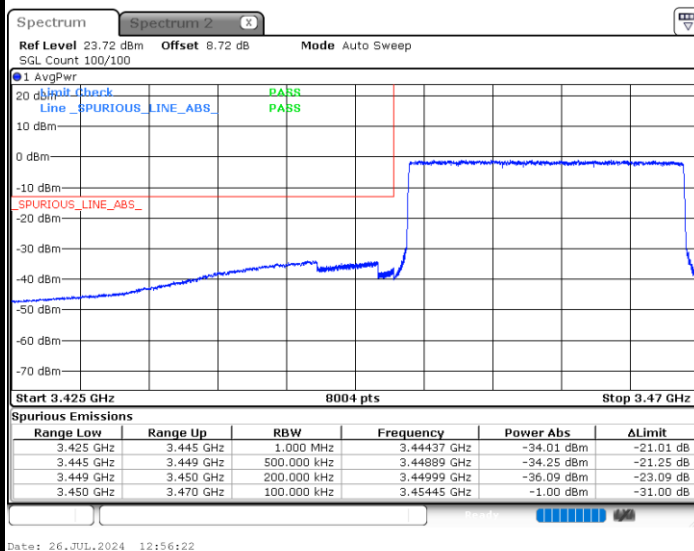
Lowest Channel / 1RB0



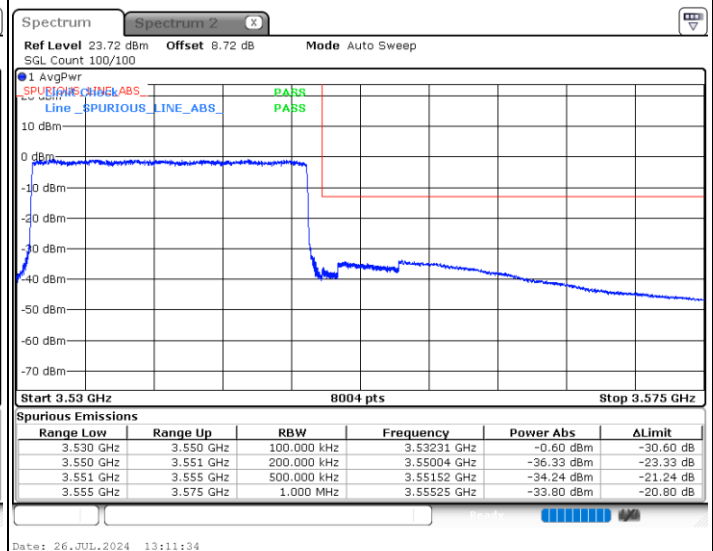
Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB



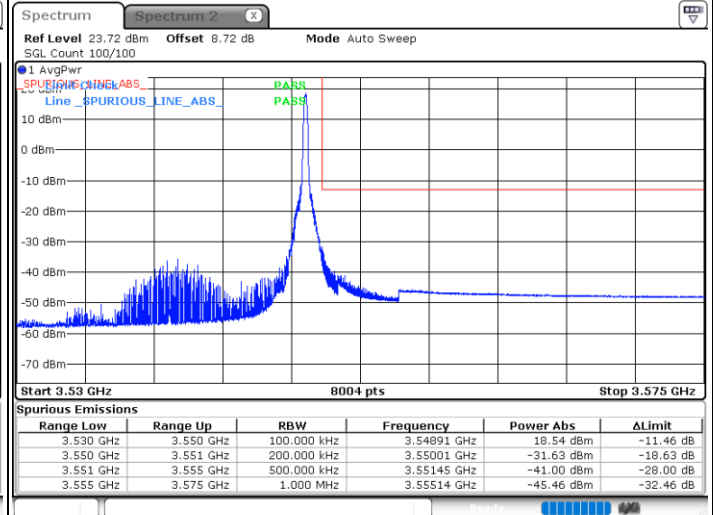
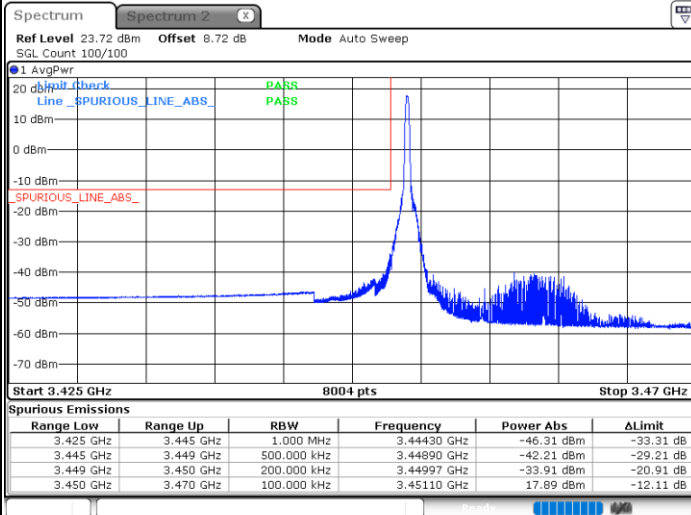


LTE Band 42 / 20MHz

64QAM

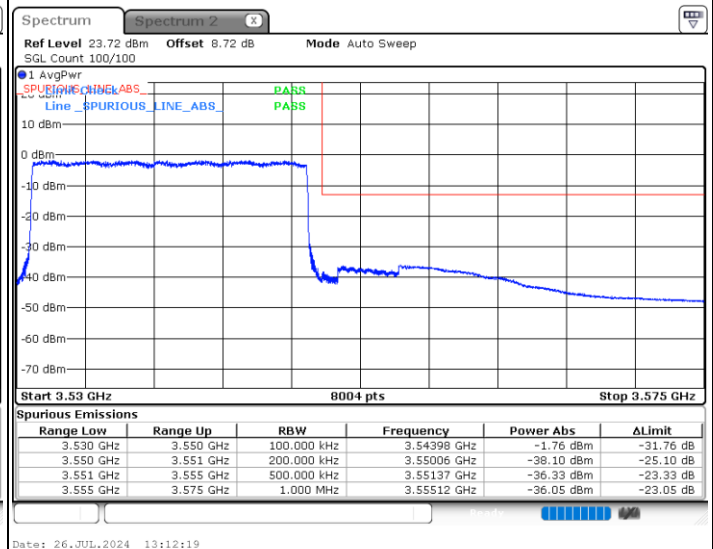
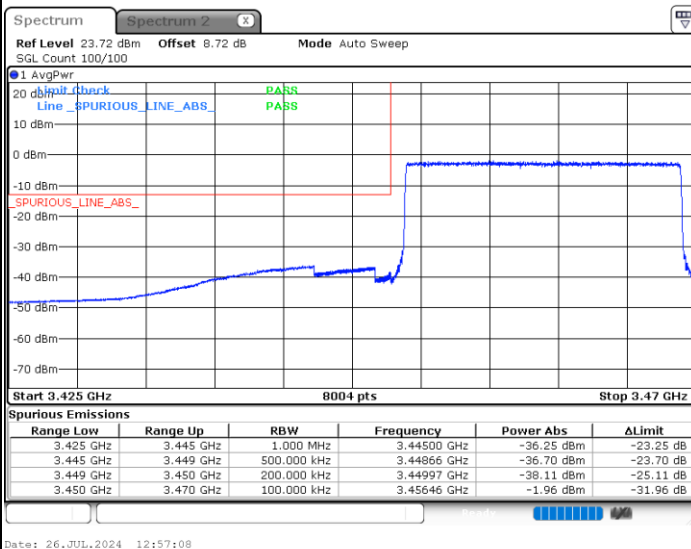
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



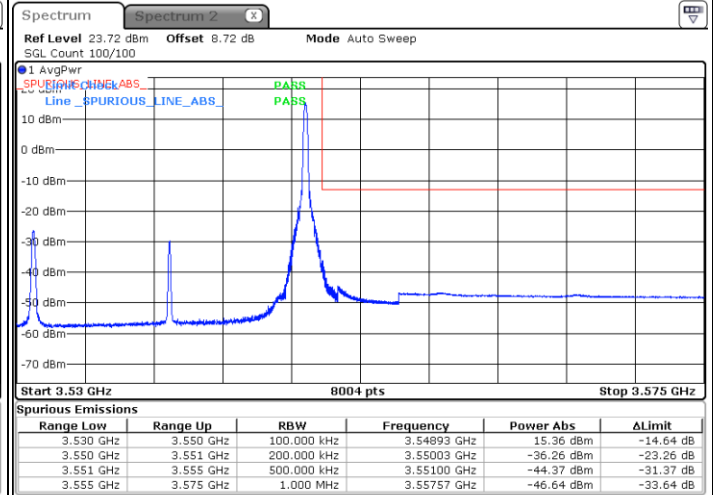
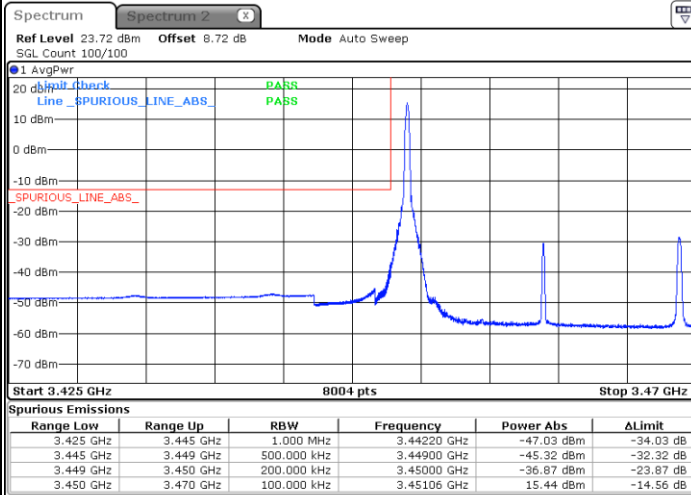


LTE Band 42 / 20MHz

256QAM

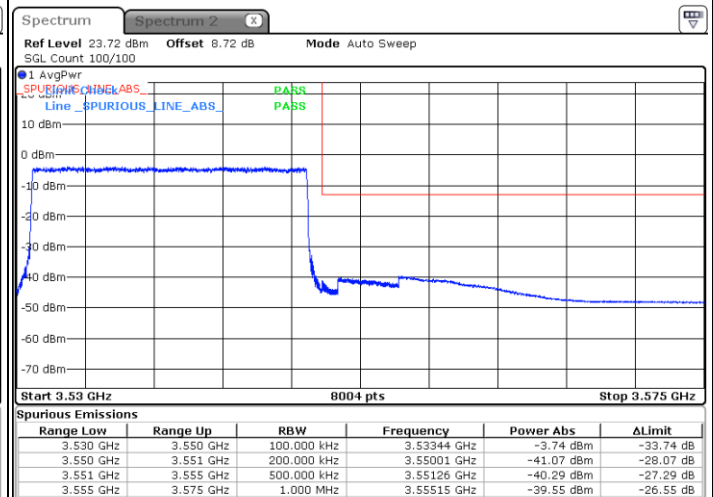
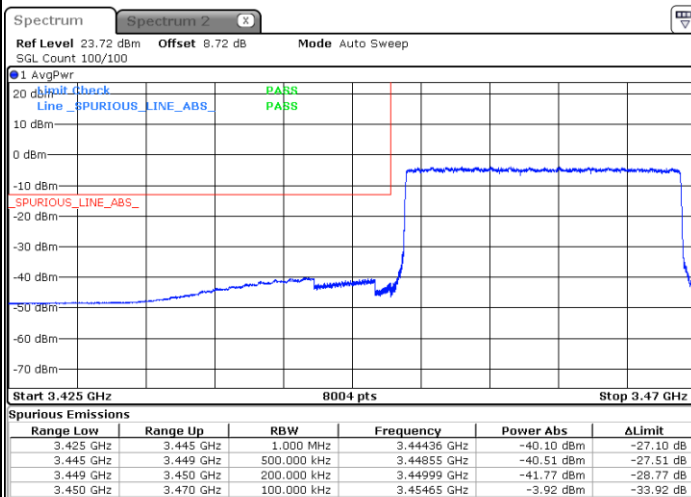
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB





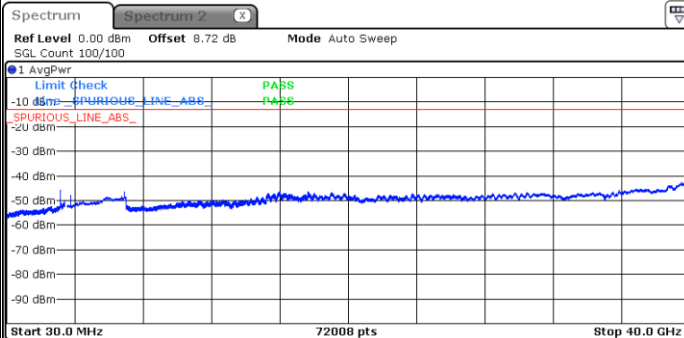
Conducted Spurious Emission

LTE Band 42/ 5MHz

QPSK / 1RB0

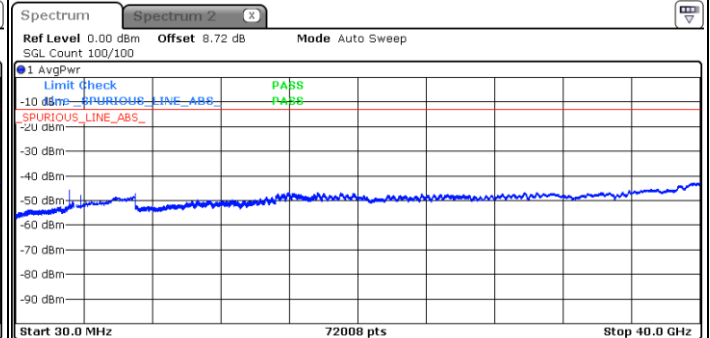
Lowest Channel

Middle Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.35165 MHz	-53.79 dBm	-40.79 dB
1.000 GHz	3.425 GHz	1.000 MHz	3.14347 GHz	-45.81 dBm	-32.81 dB
3.575 GHz	7.000 GHz	1.000 MHz	6.90249 GHz	-46.59 dBm	-33.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94807 GHz	-51.21 dBm	-38.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99713 GHz	-49.71 dBm	-36.71 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.00743 GHz	-46.43 dBm	-33.43 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.06165 GHz	-46.85 dBm	-33.85 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.88030 GHz	-42.66 dBm	-29.66 dB

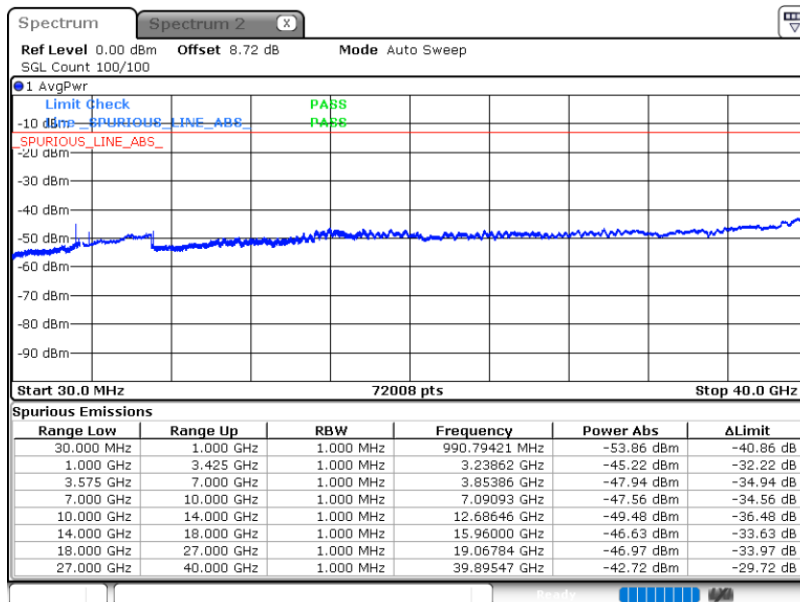
Date: 26.JUL.2024 11:01:57



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	904.55045 MHz	-53.72 dBm	-40.72 dB
1.000 GHz	3.425 GHz	1.000 MHz	3.19135 GHz	-45.74 dBm	-32.74 dB
3.575 GHz	7.000 GHz	1.000 MHz	6.99487 GHz	-47.13 dBm	-34.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97469 GHz	-51.06 dBm	-38.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.56483 GHz	-49.62 dBm	-36.62 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.96000 GHz	-46.67 dBm	-33.67 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02734 GHz	-46.97 dBm	-33.97 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.99513 GHz	-42.73 dBm	-29.73 dB

Date: 26.JUL.2024 11:03:56

Highest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	990.79421 MHz	-53.86 dBm	-40.86 dB
1.000 GHz	3.425 GHz	1.000 MHz	3.23862 GHz	-45.22 dBm	-32.22 dB
3.575 GHz	7.000 GHz	1.000 MHz	3.85386 GHz	-47.94 dBm	-34.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.09093 GHz	-47.56 dBm	-34.56 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.68646 GHz	-49.48 dBm	-36.48 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.96000 GHz	-46.63 dBm	-33.63 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.06784 GHz	-46.97 dBm	-33.97 dB
27.000 GHz	40.000 GHz	1.000 MHz	39.89547 GHz	-42.72 dBm	-29.72 dB

Date: 26.JUL.2024 11:05:56

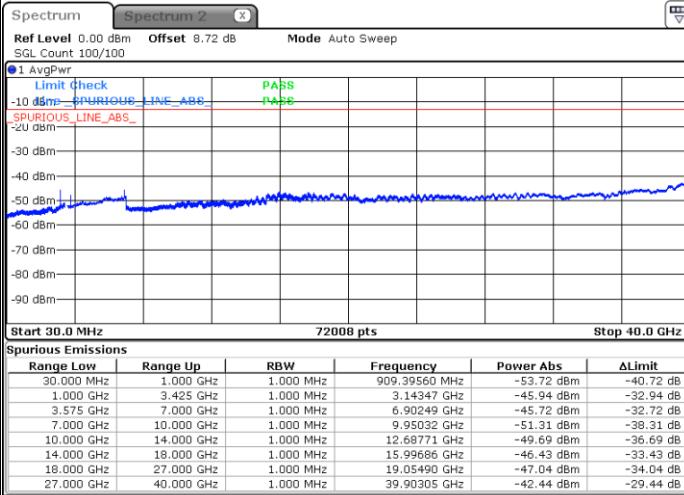


LTE Band 42/ 10MHz

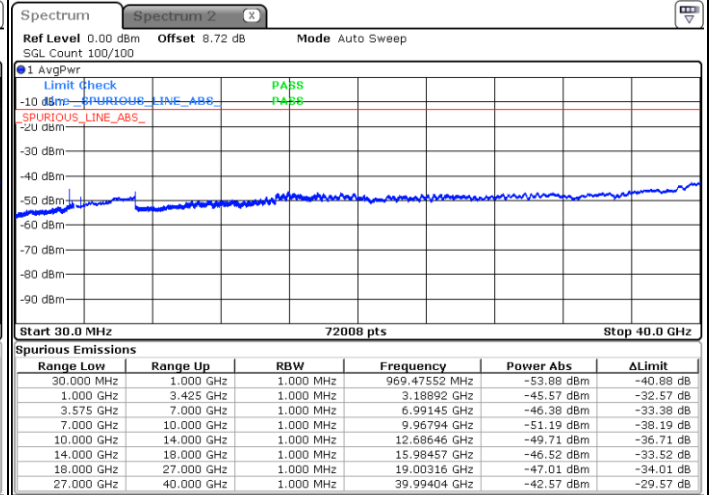
QPSK / 1RB0

Lowest Channel

Middle Channel

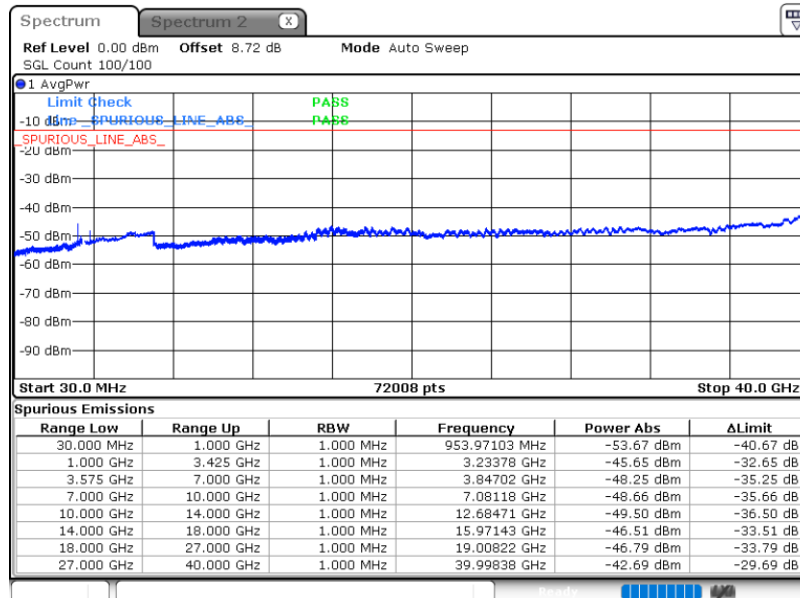


Date: 26.JUL.2024 11:24:50



Date: 26.JUL.2024 11:26:50

Highest Channel



Date: 26.JUL.2024 11:28:50

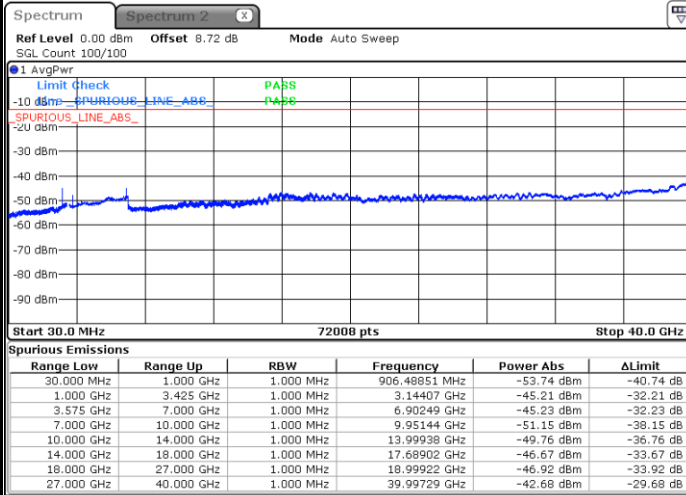


LTE Band 42/ 15MHz

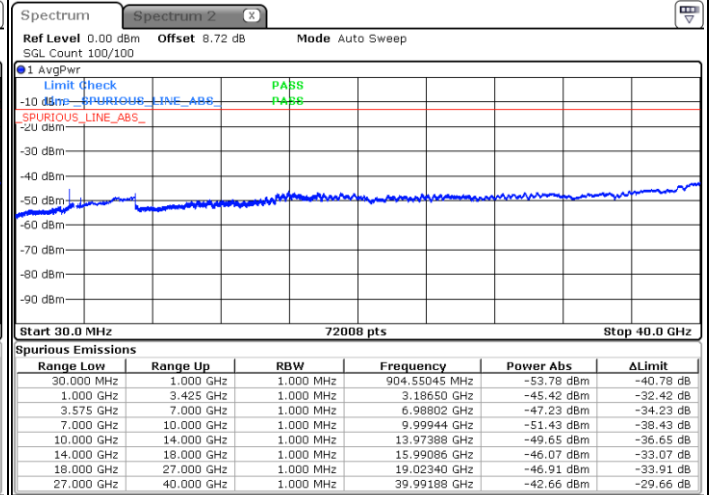
QPSK / 1RB0

Lowest Channel

Middle Channel

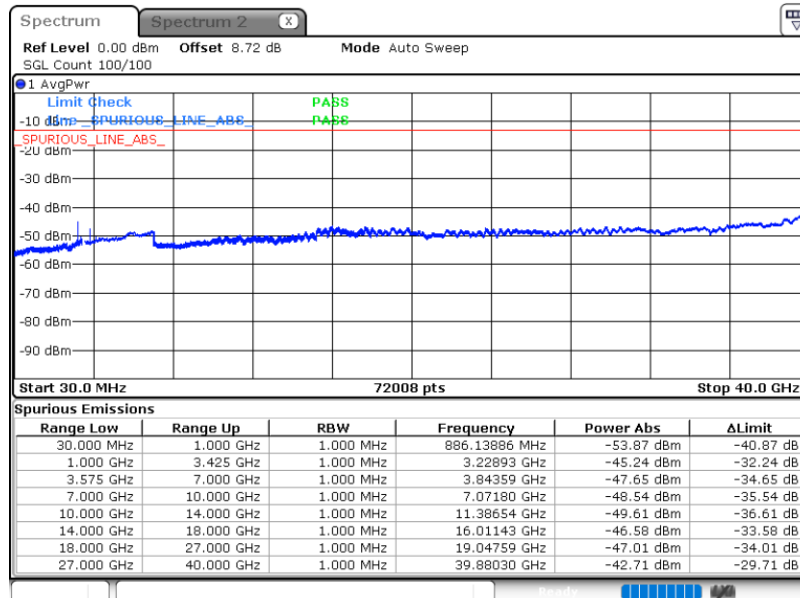


Date: 26.JUL.2024 11:43:50



Date: 26.JUL.2024 11:45:50

Highest Channel



Date: 26.JUL.2024 11:47:49

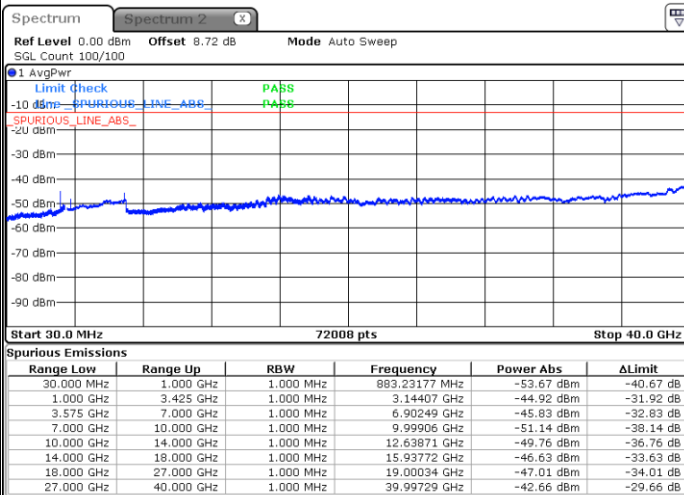


LTE Band 42/ 20MHz

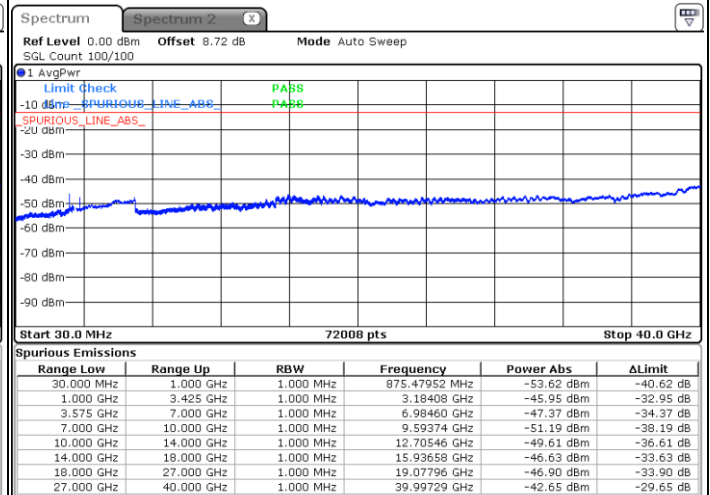
QPSK / 1RB0

Lowest Channel

Middle Channel

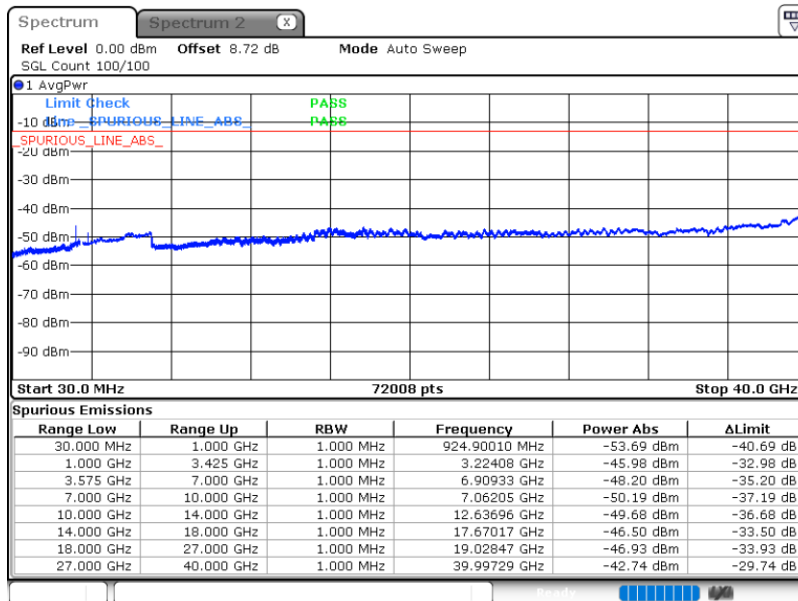


Date: 26.JUL.2024 13:02:59



Date: 26.JUL.2024 13:04:59

Highest Channel



Date: 26.JUL.2024 13:06:59

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	0.0013	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0073	
-10	Normal Voltage	0.0082	
-20	Normal Voltage	0.0069	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0047	

Note:

1. Normal Voltage =3.91 ; Battery End Point (BEP) =3.4 ; Maximum Voltage =4.5
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 42C

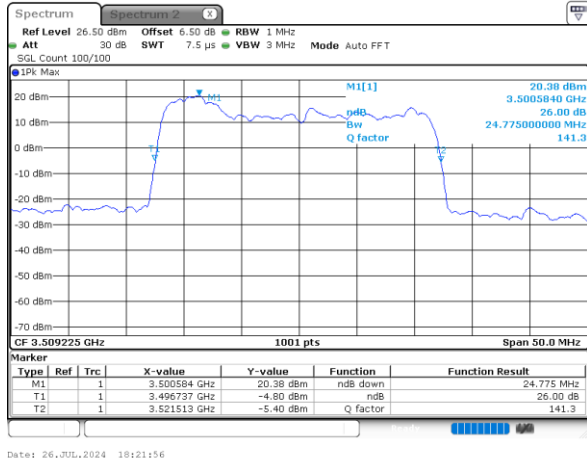
26dB Bandwidth

Mode	LTE Band 42C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.78	24.78
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	29.97	30.09
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.90	34.90
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	24.98	24.88
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.21	29.97
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	34.97	34.83
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.80	40.44

LTE Band 42C

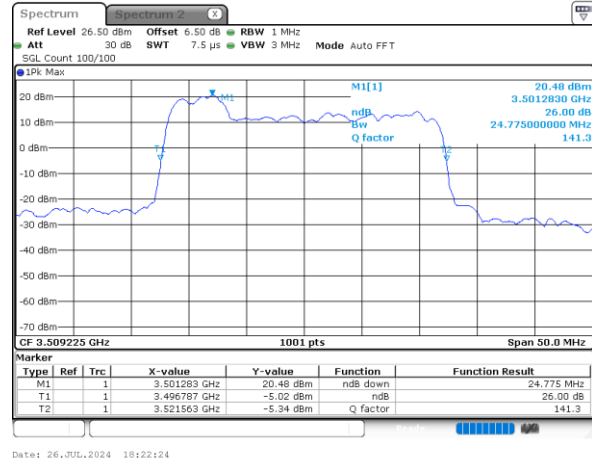
QPSK

Middle Channel / 5MHz+20MHz



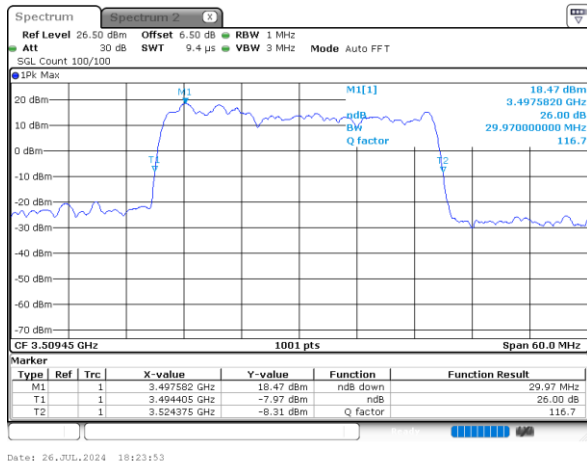
16QAM

Middle Channel / 5MHz+20MHz



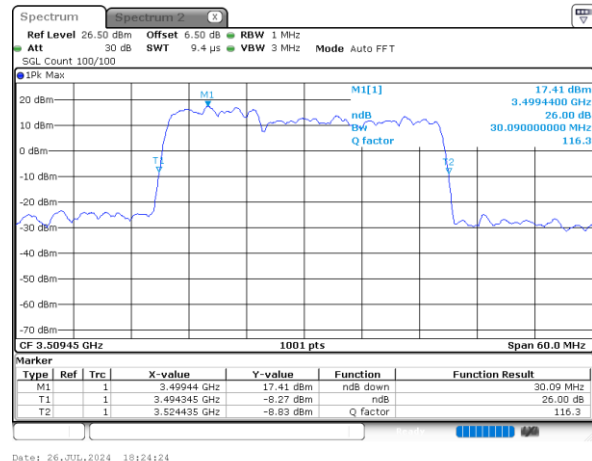
QPSK

Middle Channel / 10MHz+20MHz



16QAM

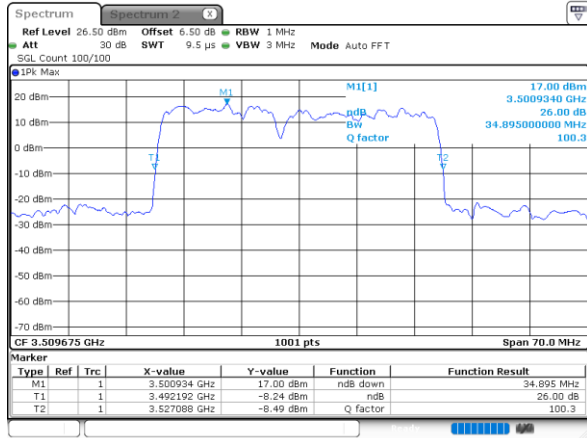
Middle Channel / 10MHz+20MHz





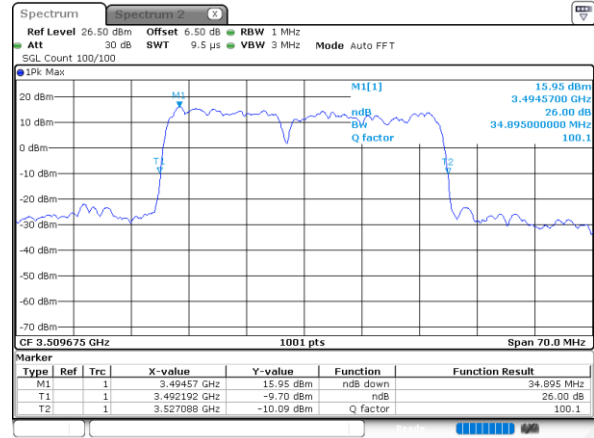
QPSK

Middle Channel / 15MHz+20MHz



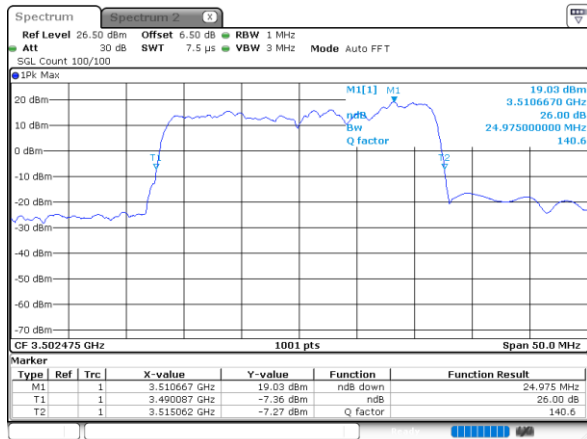
16QAM

Middle Channel / 15MHz+20MHz



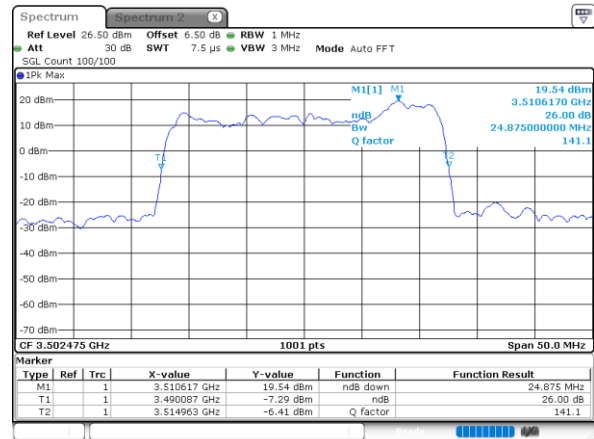
QPSK

Middle Channel / 20MHz+5MHz



16QAM

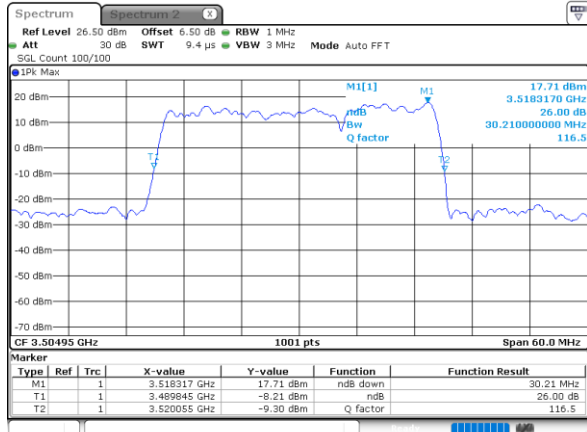
Middle Channel / 20MHz+5MHz





QPSK

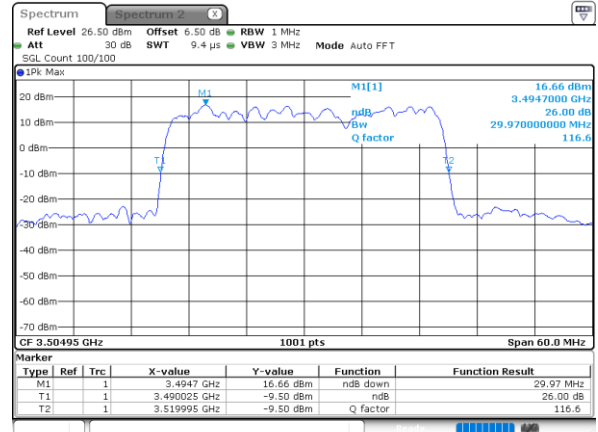
Middle Channel / 20MHz+10MHz



Date: 26.JUL.2024 18:30:03

16QAM

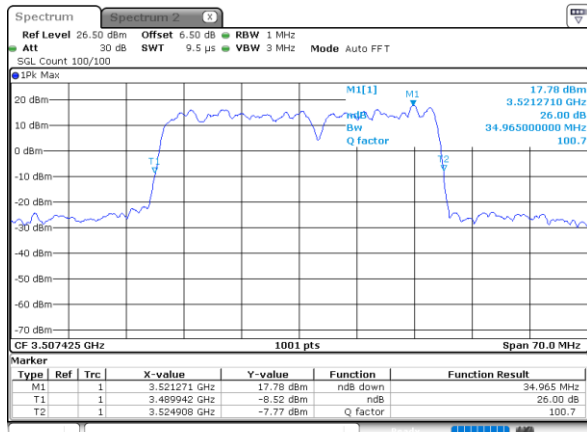
Middle Channel / 20MHz+10MHz



Date: 26.JUL.2024 18:30:31

QPSK

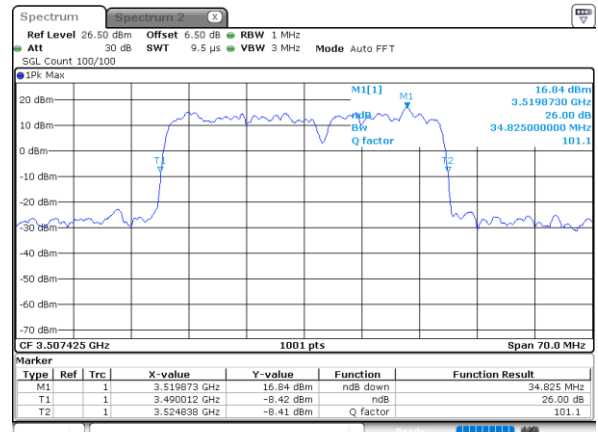
Middle Channel / 20MHz+15MHz



Date: 26.JUL.2024 18:32:02

16QAM

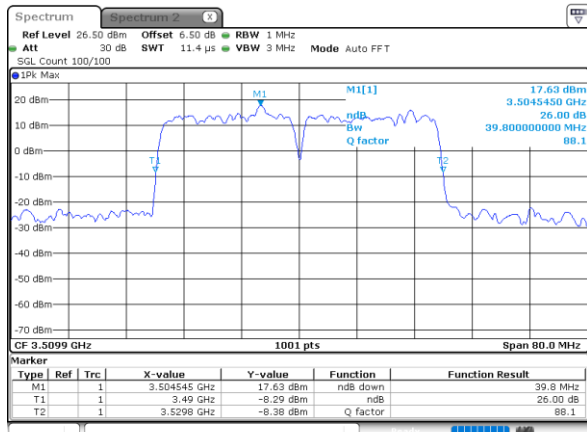
Middle Channel / 20MHz+15MHz



Date: 26.JUL.2024 18:32:30

QPSK

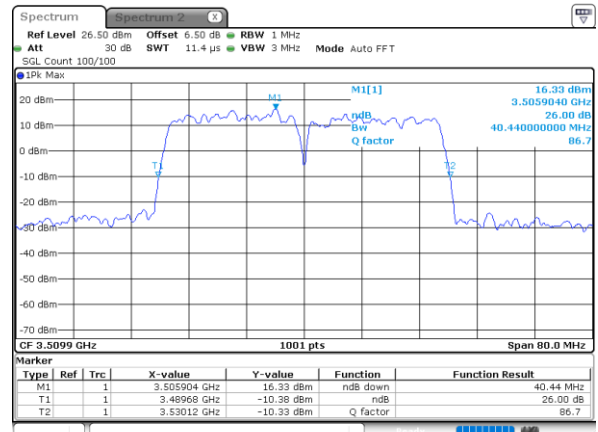
Middle Channel / 20MHz+20MHz



Date: 26.JUL.2024 18:33:59

16QAM

Middle Channel / 20MHz+20MHz



Date: 26.JUL.2024 18:34:27

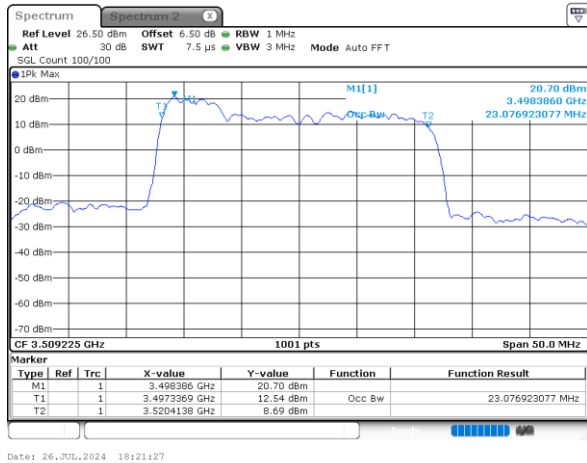
Occupied Bandwidth

Mode	LTE Band 42C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.08	23.18
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	28.05	27.99
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	33.08	33.08
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.28	22.93
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.05	28.05
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	33.15	32.66
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.80	37.48

LTE Band 42C

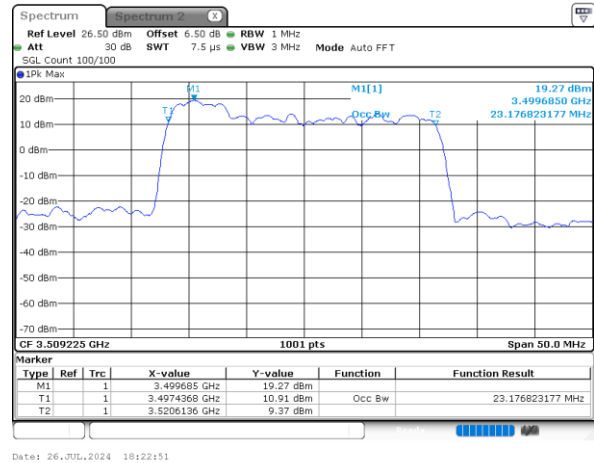
QPSK

Middle Channel / 5MHz+20MHz



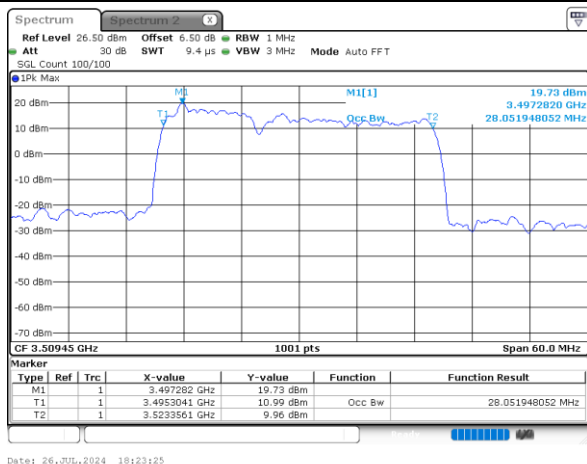
16QAM

Middle Channel / 5MHz+20MHz



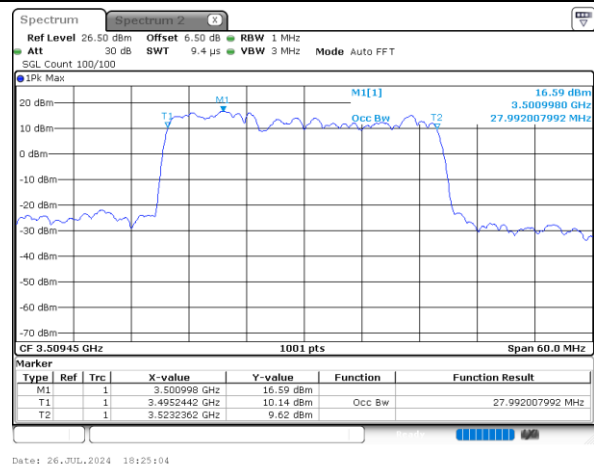
QPSK

Middle Channel / 10MHz+20MHz



16QAM

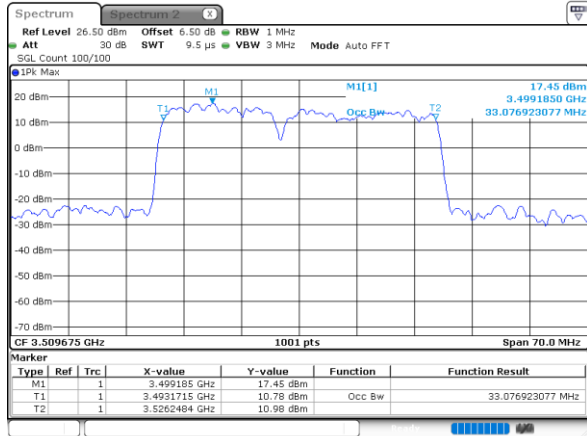
Middle Channel / 10MHz+20MHz





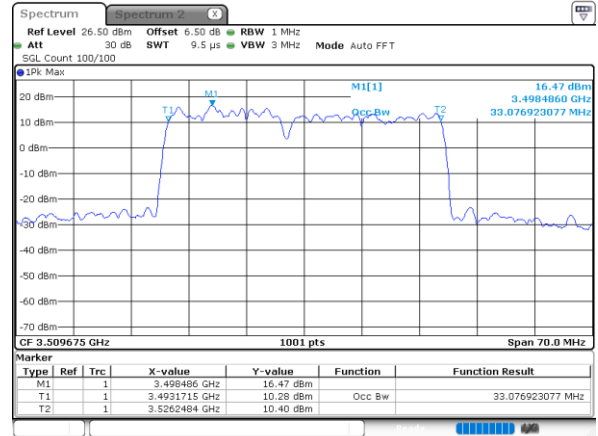
QPSK

Middle Channel / 15MHz+20MHz



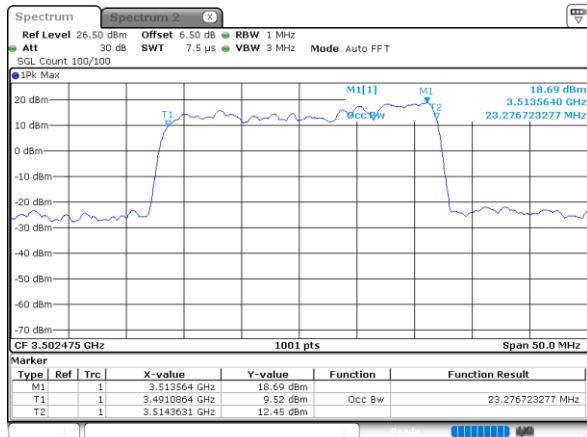
16QAM

Middle Channel / 15MHz+20MHz



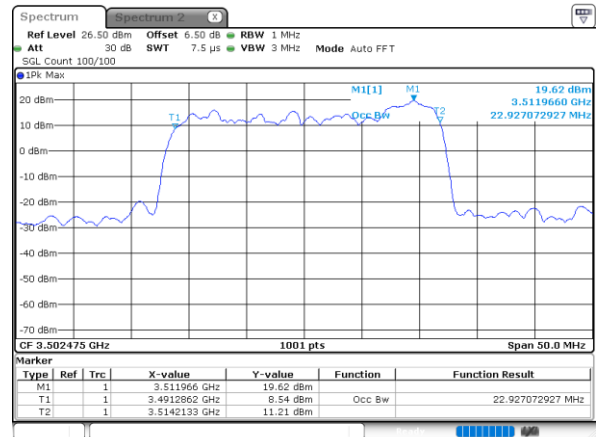
QPSK

Middle Channel / 20MHz+5MHz



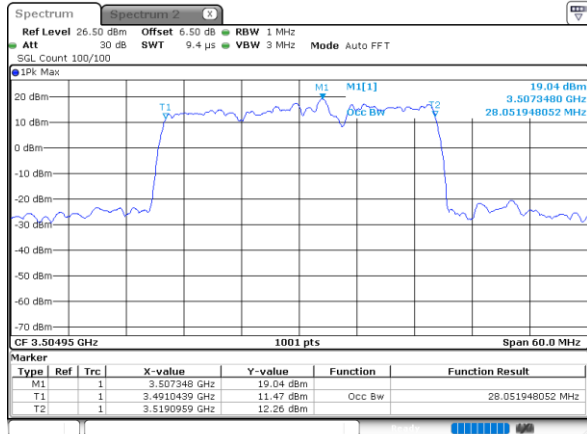
16QAM

Middle Channel / 20MHz+5MHz



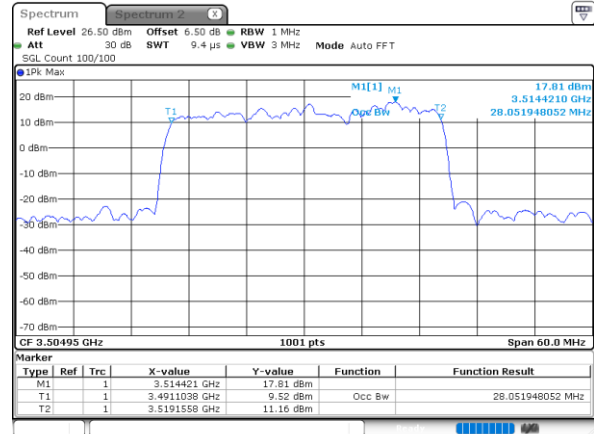
QPSK

Middle Channel / 20MHz+10MHz



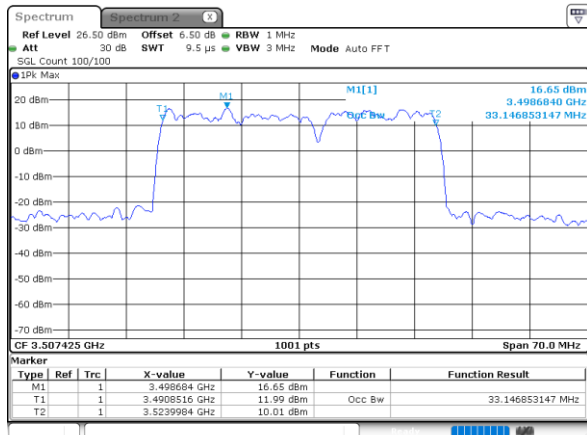
16QAM

Middle Channel / 20MHz+10MHz



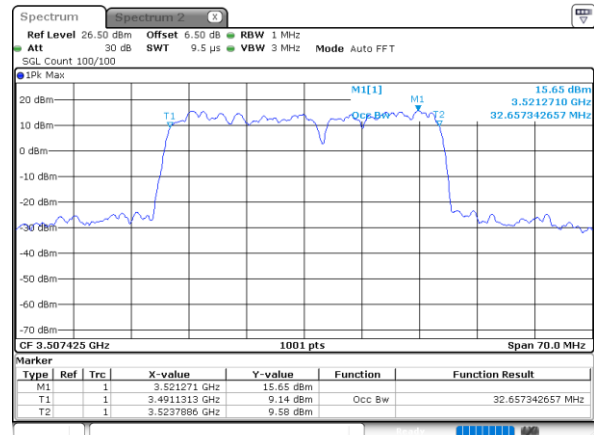
QPSK

Middle Channel / 20MHz+15MHz



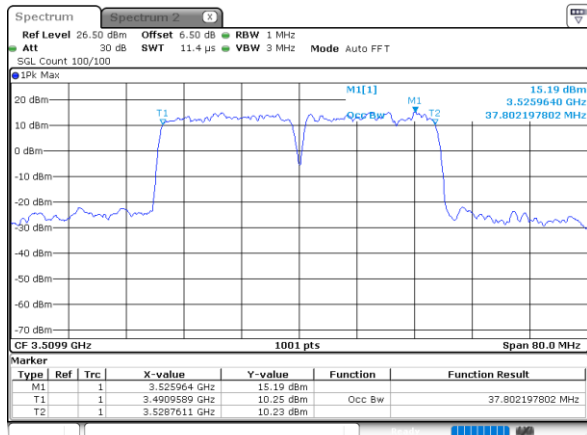
16QAM

Middle Channel / 20MHz+15MHz



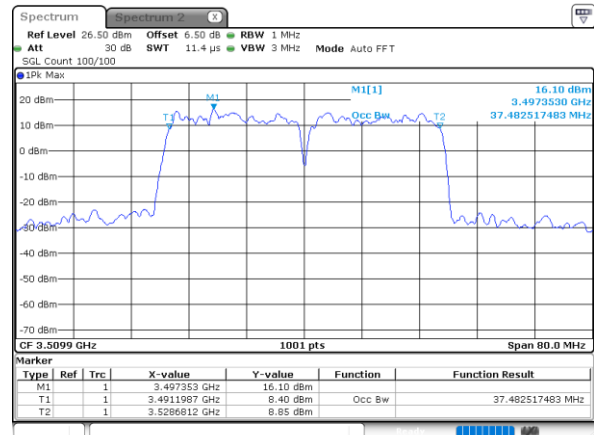
QPSK

Middle Channel / 20MHz+20MHz



16QAM

Middle Channel / 20MHz+20MHz



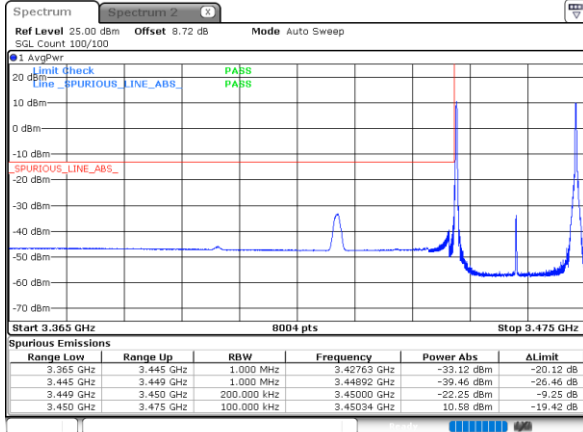


Conducted Band Edge

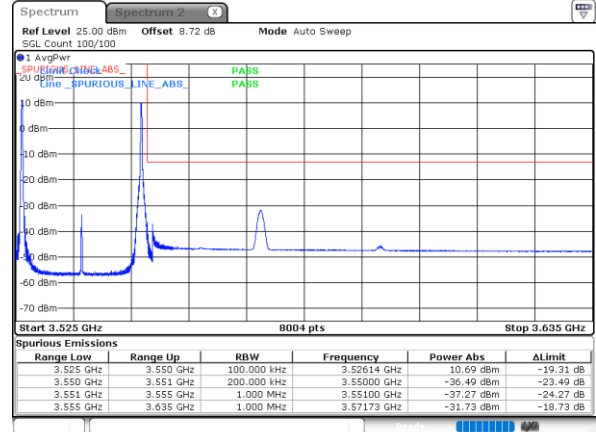
LTE Band 42C / 5MHz+20MHz

QPSK

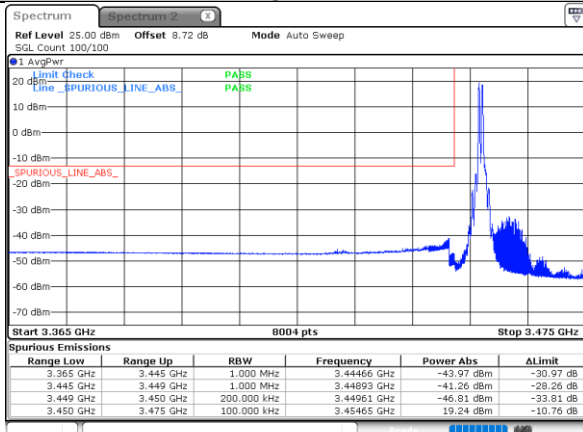
Lowest Band Edge / 1RB0 and 1RB99



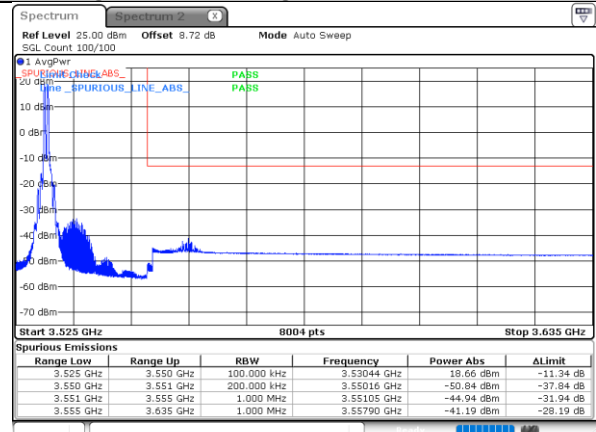
Highest Band Edge / 1RB0 and 1RB99



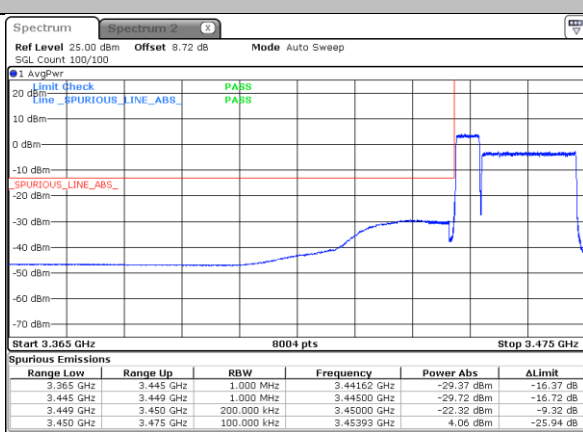
Lowest Band Edge / 1RB24 and 1RB0



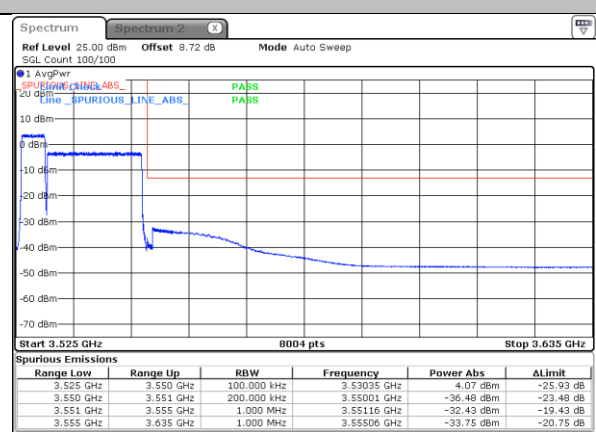
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

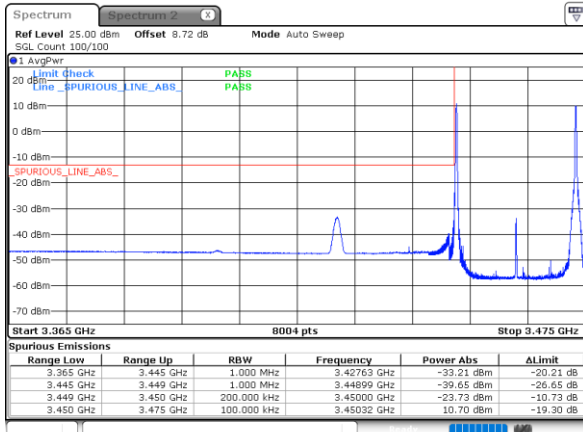




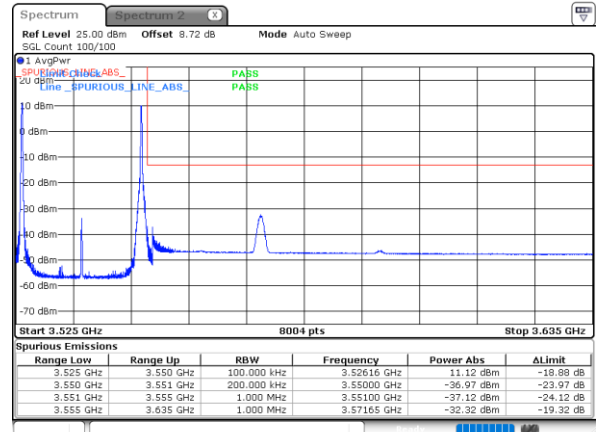
LTE Band 42C / 5MHz+20MHz

16QAM

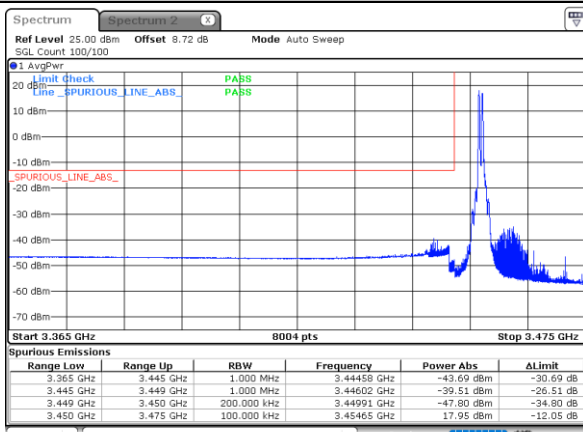
Lowest Band Edge / 1RB0 and 1RB99



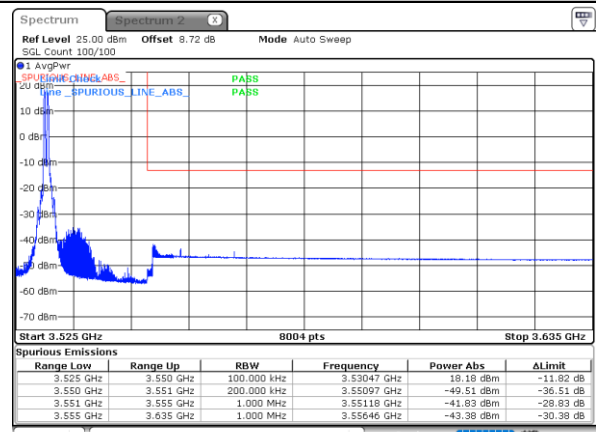
Highest Band Edge / 1RB0 and 1RB99



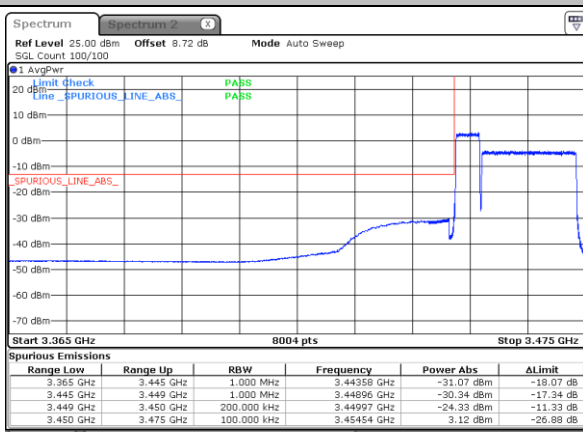
Lowest Band Edge / 1RB24 and 1RB0



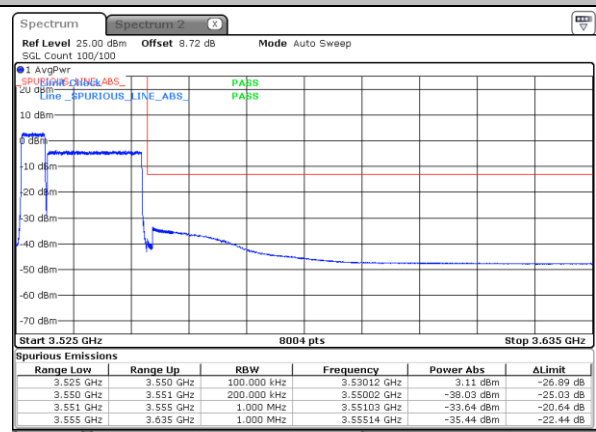
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

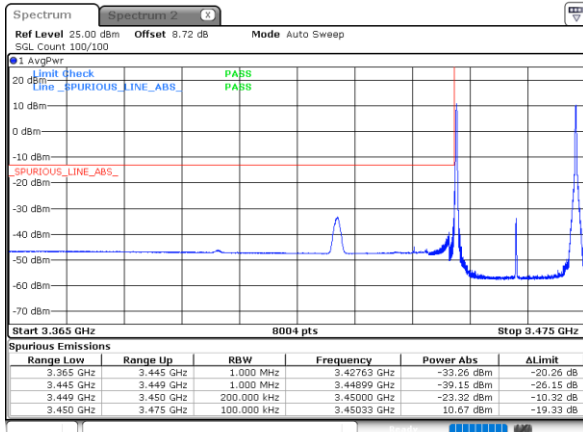




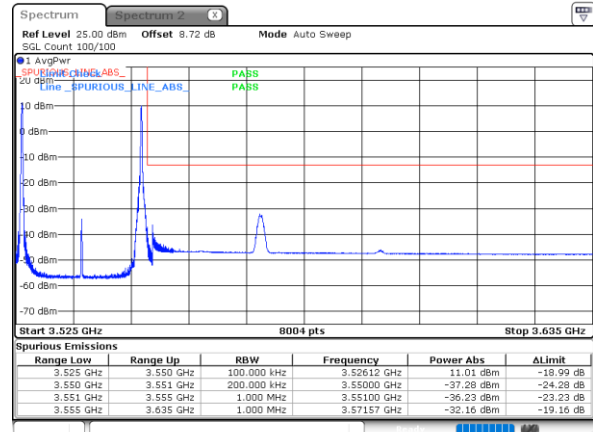
LTE Band 42C / 5MHz+20MHz

64QAM

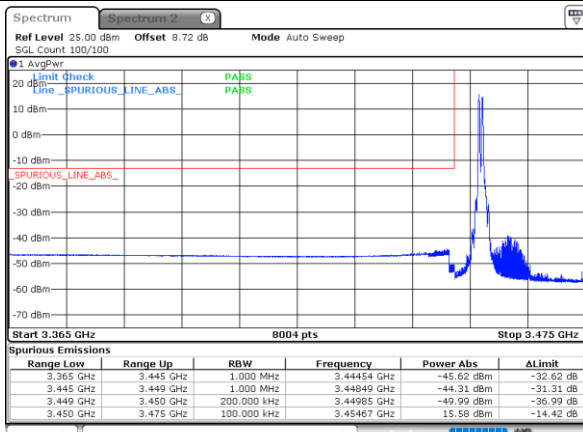
Lowest Band Edge / 1RB0 and 1RB99



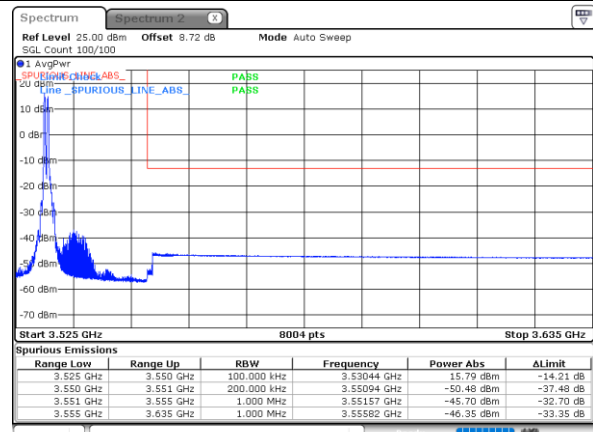
Highest Band Edge / 1RB0 and 1RB99



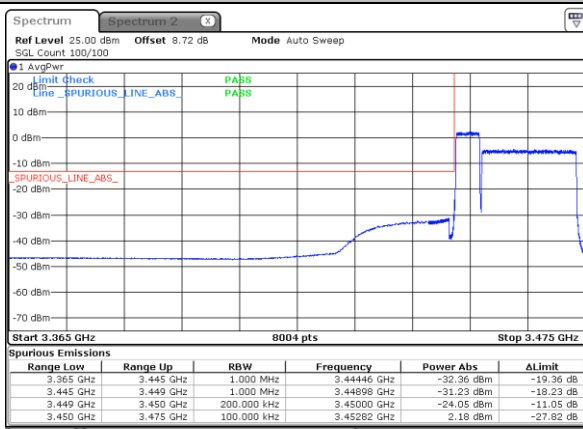
Lowest Band Edge / 1RB24 and 1RB0



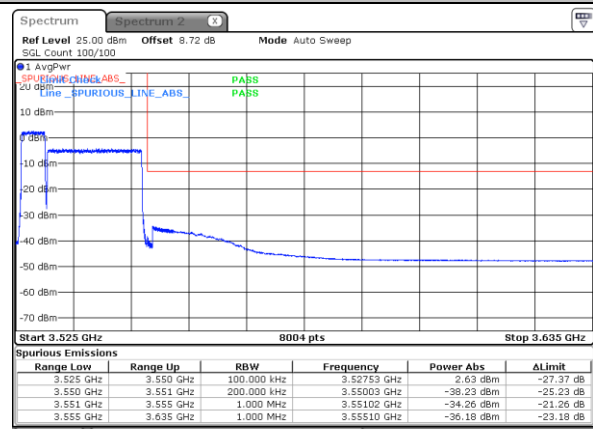
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

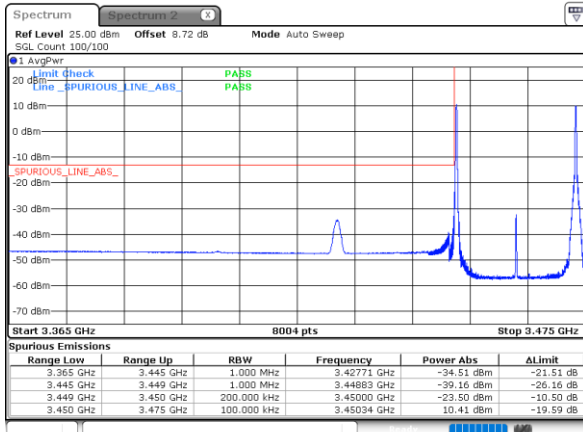




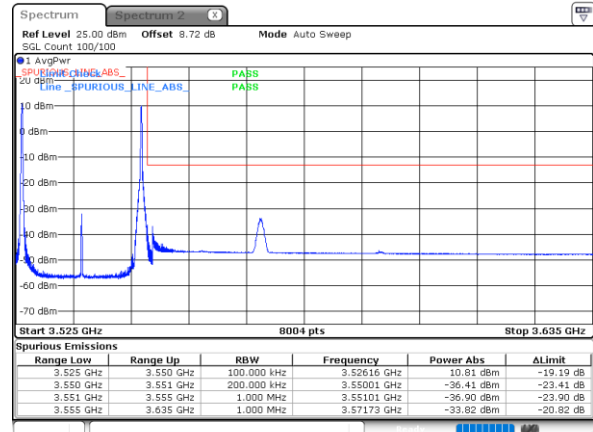
LTE Band 42C / 5MHz+20MHz

256QAM

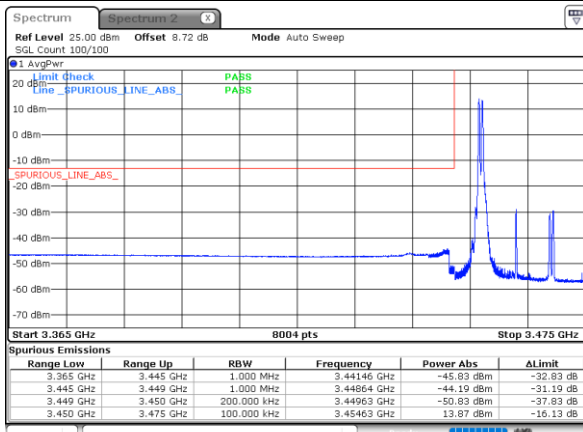
Lowest Band Edge / 1RB0 and 1RB99



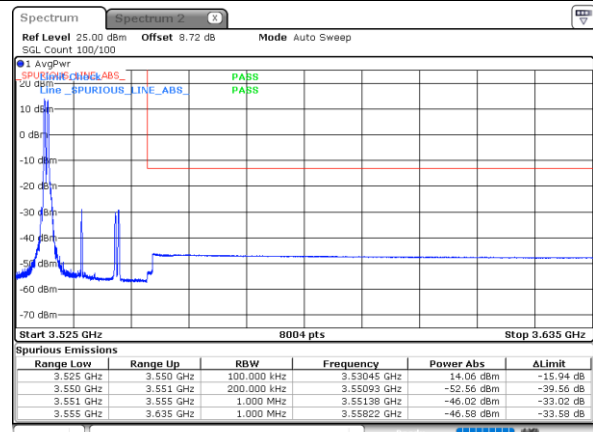
Highest Band Edge / 1RB0 and 1RB99



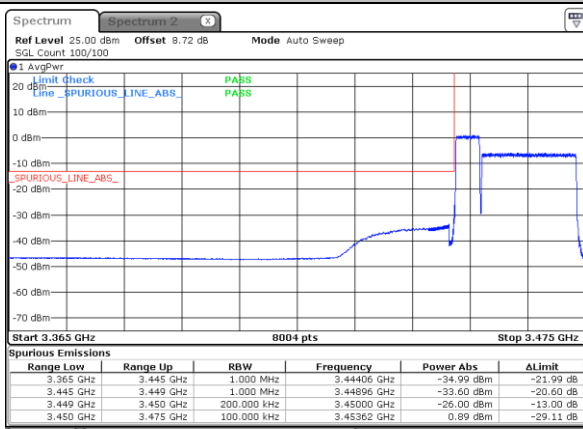
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

