

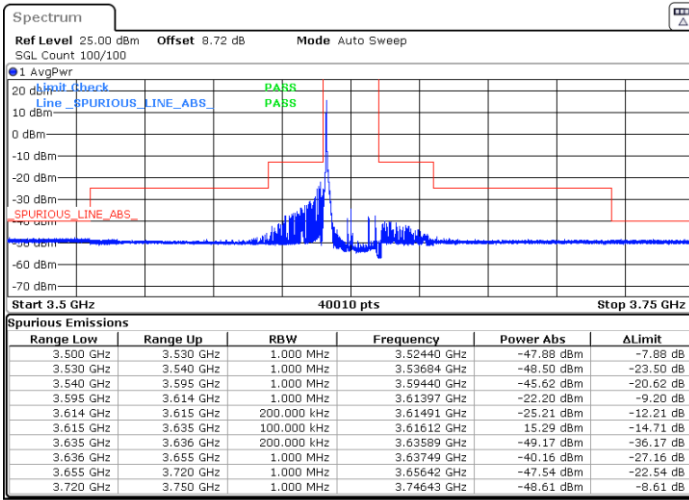


LTE Band 48 / 20MHz

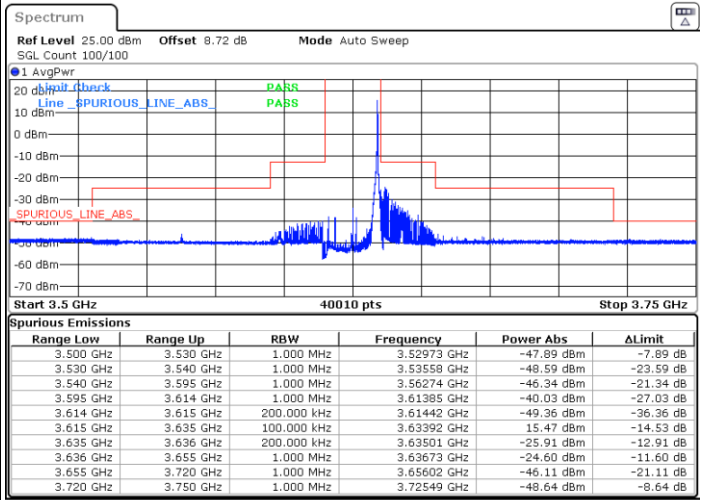
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



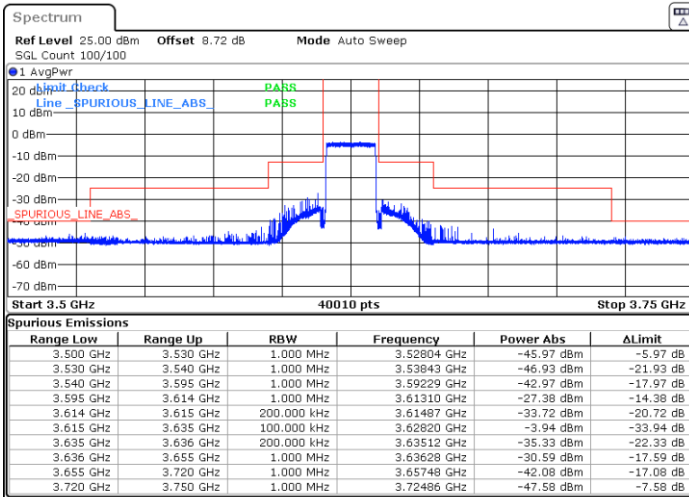
Date: 13.JAN.2023 04:03:54



Date: 13.JAN.2023 04:13:15

Middle Channel / Full

N/A



Date: 13.JAN.2023 04:22:35

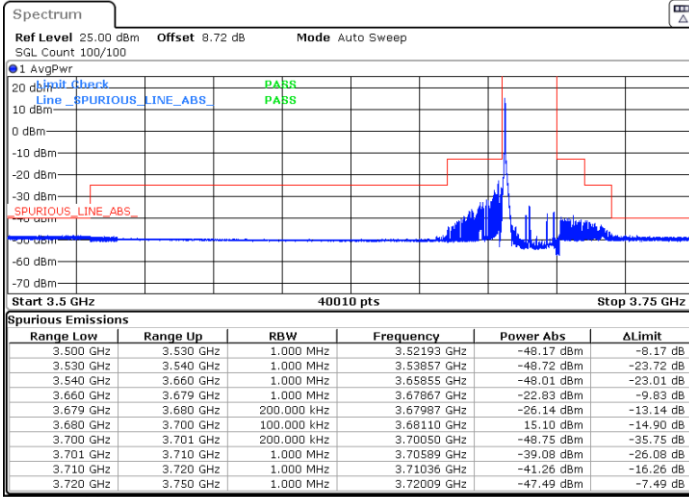


LTE Band 48 / 20MHz

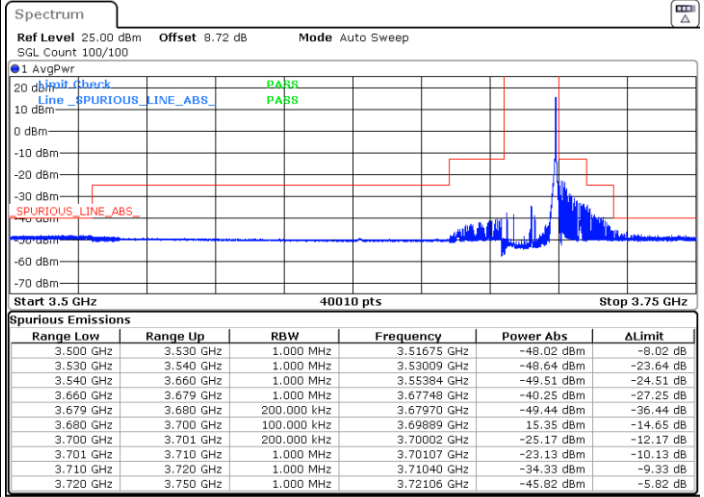
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



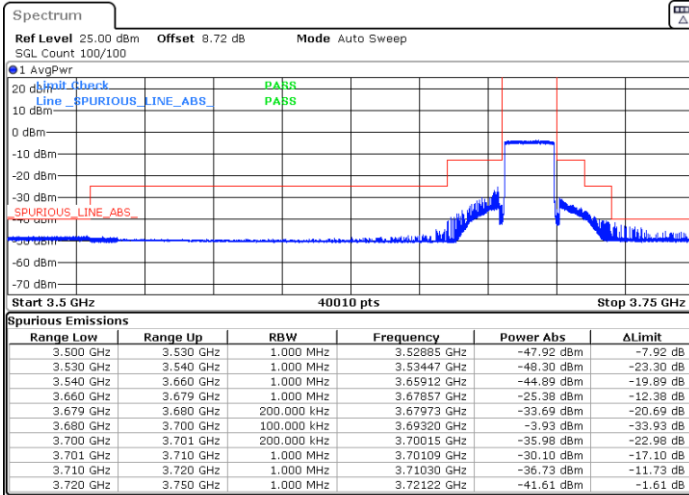
Date: 13.JAN.2023 04:33:28



Date: 13.JAN.2023 04:42:51

Highest Channel / FullIRB

N/A



Date: 13.JAN.2023 04:52:15



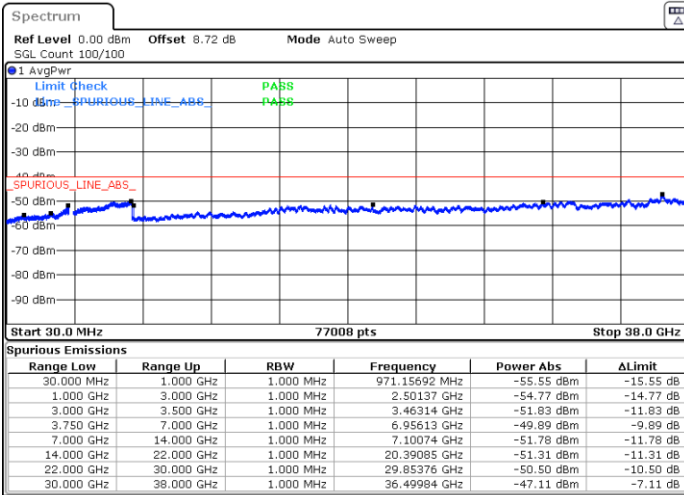
Conducted Spurious Emission

LTE Band 48 / 5MHz

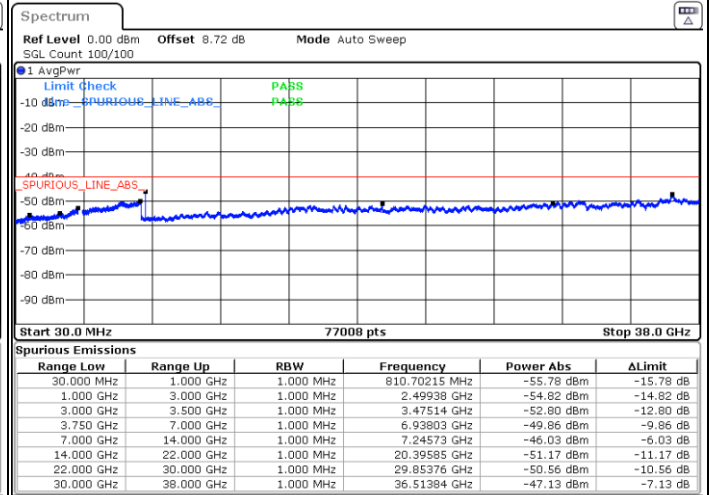
QPSK / 1RB0

Lowest Channel

Middle Channel

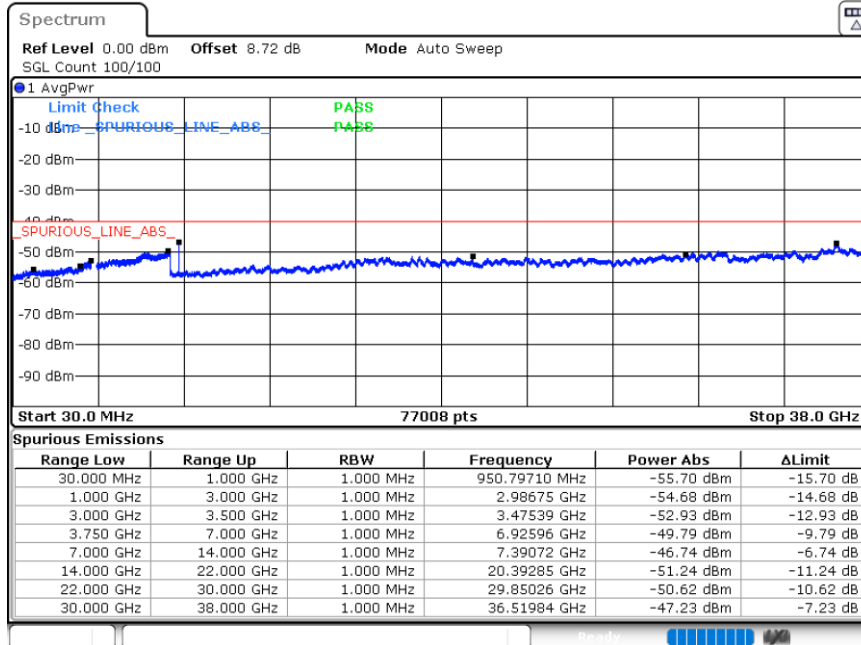


Date: 12.JAN.2023 22:09:30



Date: 12.JAN.2023 22:42:50

Highest Channel



Date: 12.JAN.2023 23:14:35



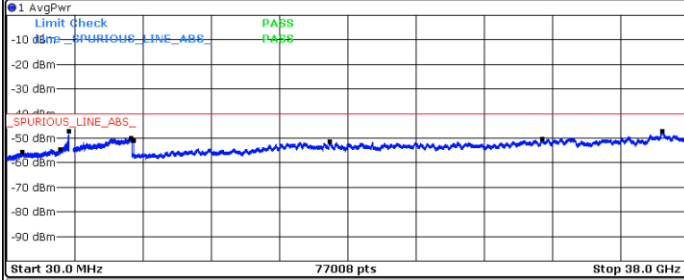
LTE Band 48 / 10MHz

QPSK / 1RB0

Lowest Channel

Middle Channel

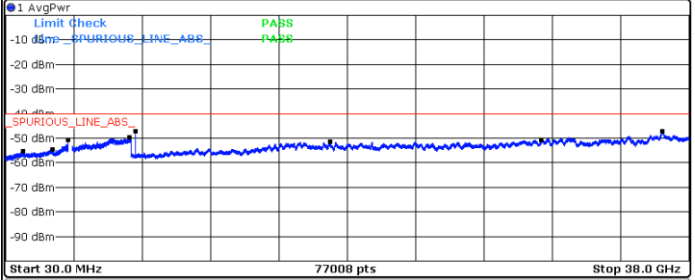
Spectrum

Ref Level 0.00 dBm Offset 8.72 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	902.32134 MHz	-55.72 dBm	-15.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99125 GHz	-54.68 dBm	-14.68 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.48563 GHz	-47.27 dBm	-7.27 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.92781 GHz	-49.88 dBm	-9.88 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.10124 GHz	-50.96 dBm	-10.96 dB
14.000 GHz	22.000 GHz	1.000 MHz	18.02850 GHz	-51.55 dBm	-11.55 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.82276 GHz	-50.42 dBm	-10.42 dB
30.000 GHz	38.000 GHz	1.000 MHz	36.50434 GHz	-47.14 dBm	-7.14 dB

Date: 12.JAN.2023 23:44:41

Spectrum

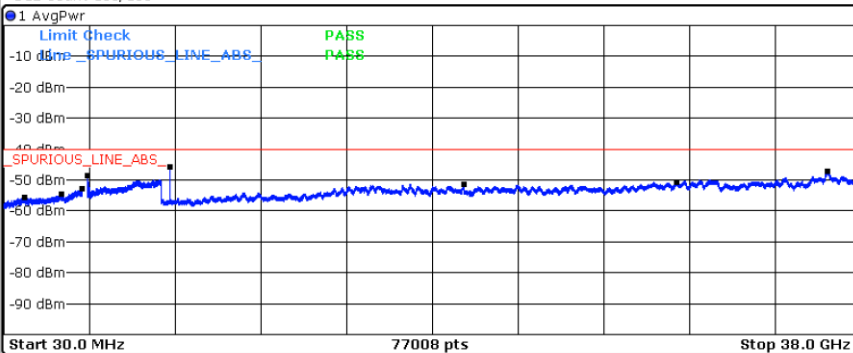
Ref Level 0.00 dBm Offset 8.72 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-55.31 dBm	-15.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63134 GHz	-54.72 dBm	-14.72 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.48638 GHz	-50.70 dBm	-10.70 dB
3.750 GHz	7.000 GHz	1.000 MHz	6.90739 GHz	-49.73 dBm	-9.73 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.24123 GHz	-47.02 dBm	-7.02 dB
14.000 GHz	22.000 GHz	1.000 MHz	18.03150 GHz	-51.38 dBm	-11.38 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.80326 GHz	-50.55 dBm	-10.55 dB
30.000 GHz	38.000 GHz	1.000 MHz	36.50484 GHz	-47.16 dBm	-7.16 dB

Date: 13.JAN.2023 00:15:43

Highest Channel

Spectrum

Ref Level 0.00 dBm Offset 8.72 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions					
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-55.76 dBm	-15.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.57736 GHz	-54.56 dBm	-14.56 dB
3.000 GHz	3.500 GHz	1.000 MHz	3.47514 GHz	-52.88 dBm	-12.88 dB
3.750 GHz	7.000 GHz	1.000 MHz	3.75348 GHz	-48.52 dBm	-8.52 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.38122 GHz	-45.73 dBm	-5.73 dB
14.000 GHz	22.000 GHz	1.000 MHz	20.39935 GHz	-51.38 dBm	-11.38 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.80726 GHz	-50.56 dBm	-10.56 dB
30.000 GHz	38.000 GHz	1.000 MHz	36.50584 GHz	-47.19 dBm	-7.19 dB

Date: 13.JAN.2023 00:55:36

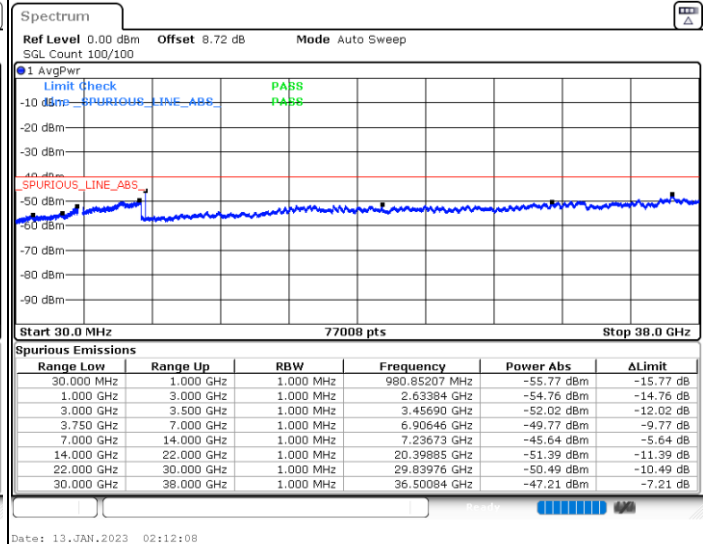
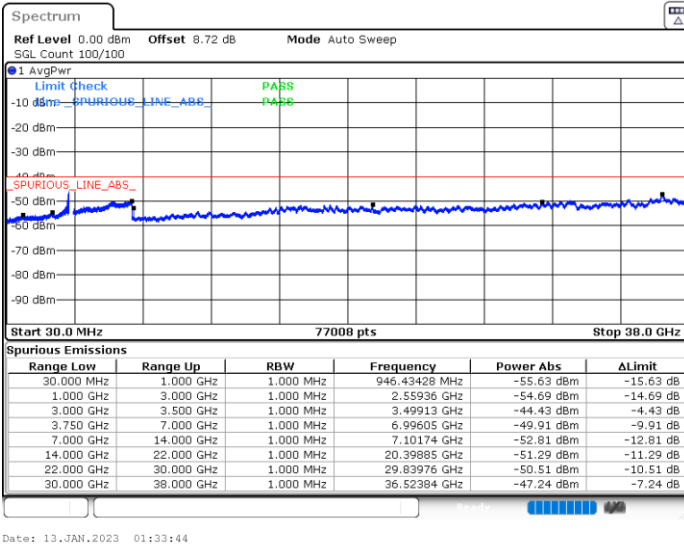


LTE Band 48 / 15MHz

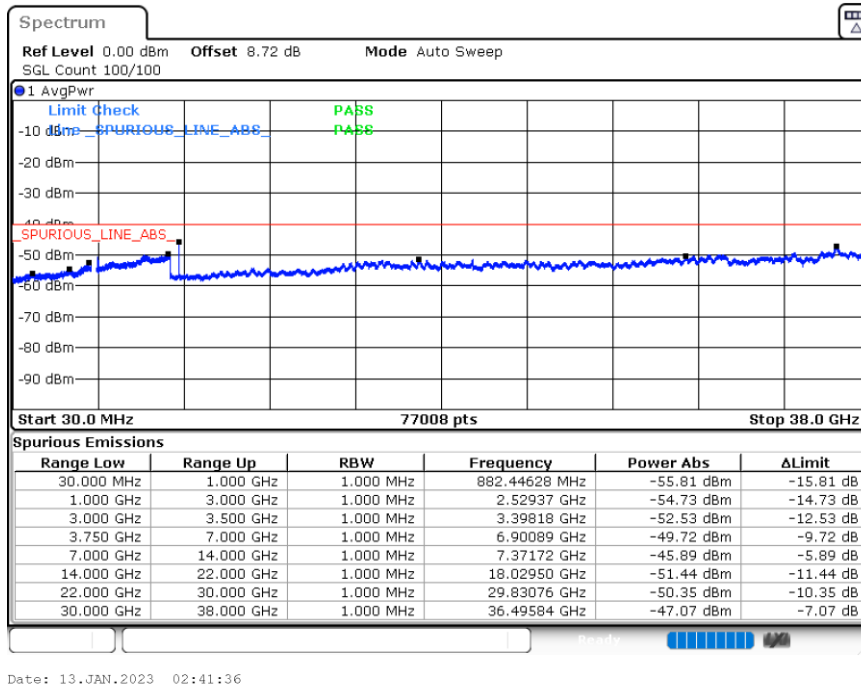
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



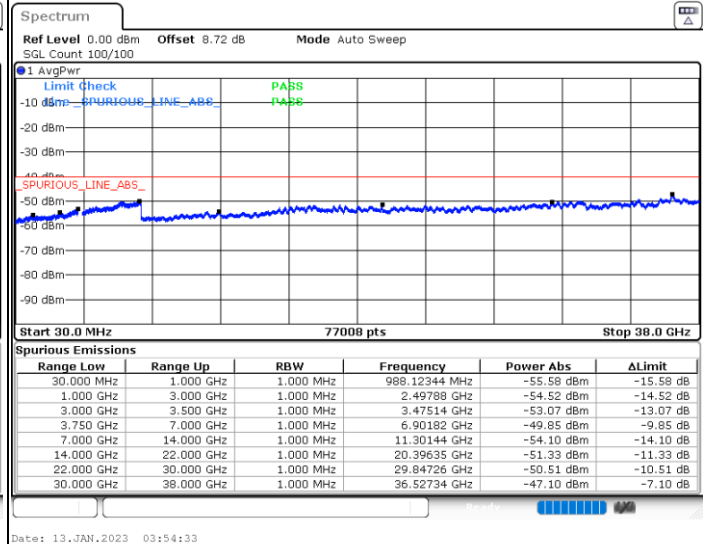
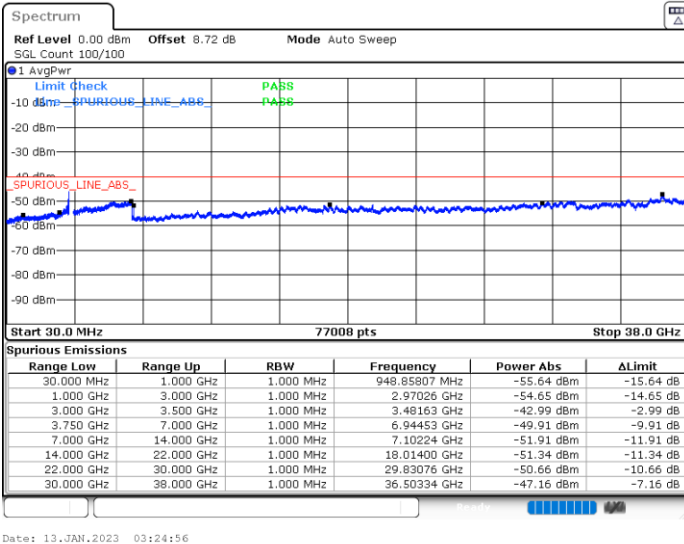


LTE Band 48 / 20MHz

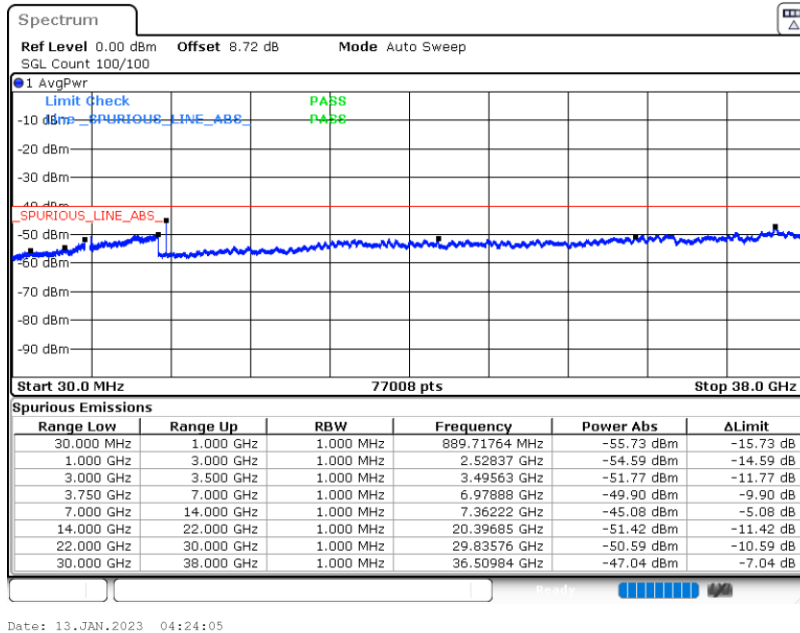
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0031	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.3V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

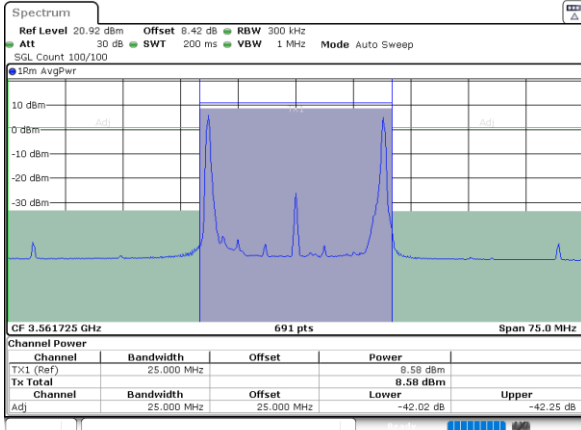


LTE Band 42C

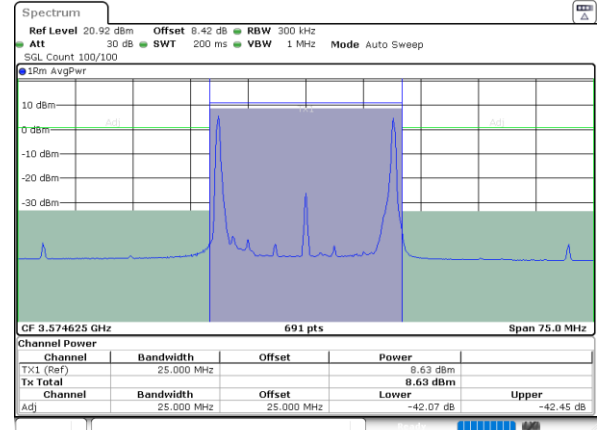
ACLR

LTE Band 42C / 5MHz+20MHz QPSK

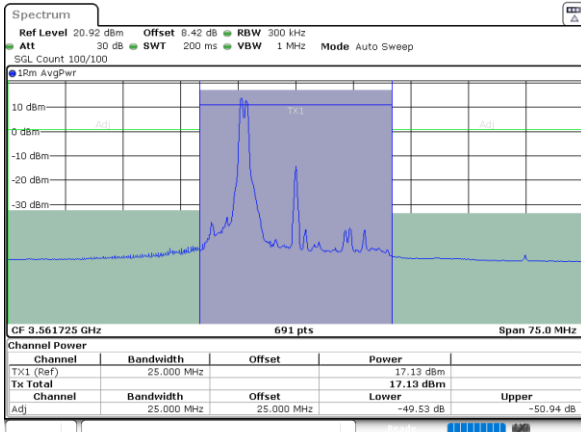
Lowest Band Edge / 1RB0 and 1RB99



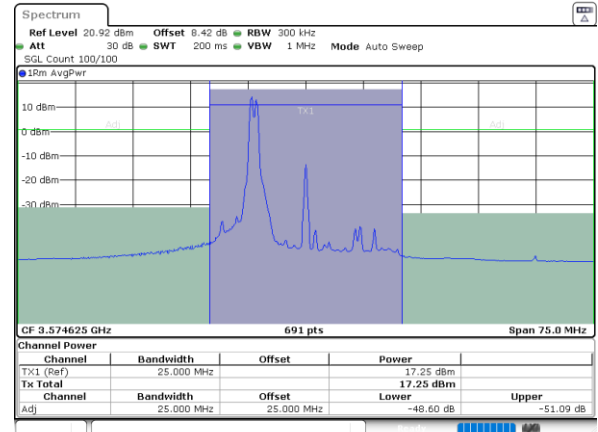
Middle Band Edge / 1RB0 and 1RB99



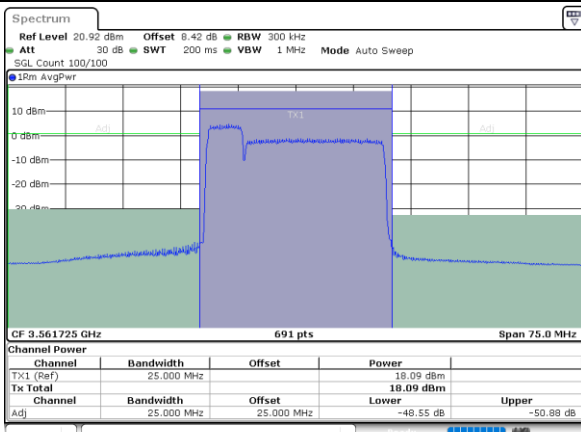
Lowest Band Edge / 1RB24 and 1RB0



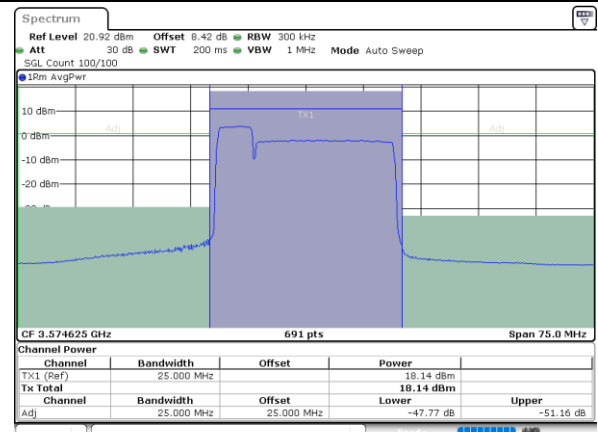
Middle Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



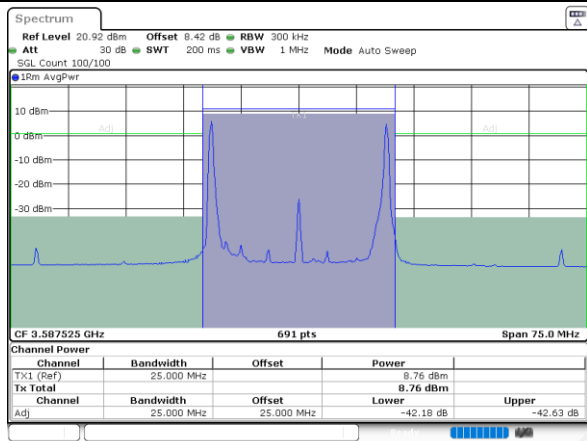


LTE Band 42C / 5MHz+20MHz

QPSK

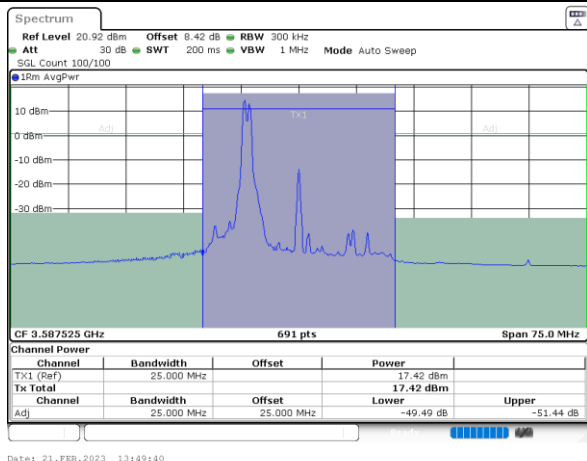
Highest Band Edge / 1RB0 and 1RB99

N/A



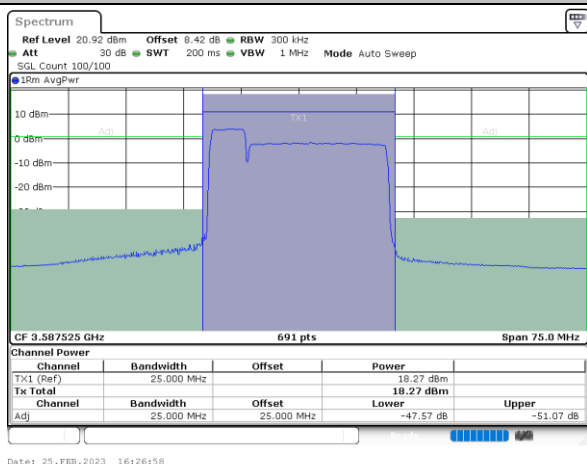
Highest Band Edge / 1RB24 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

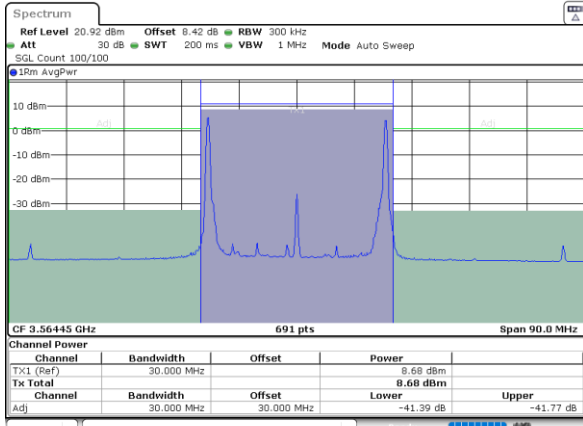




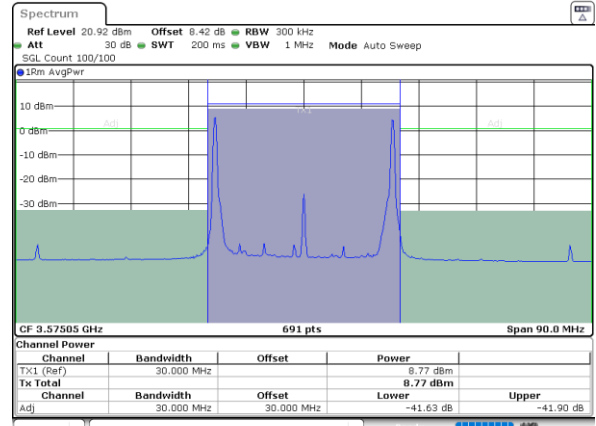
LTE Band 42C / 10MHz+20MHz

QPSK

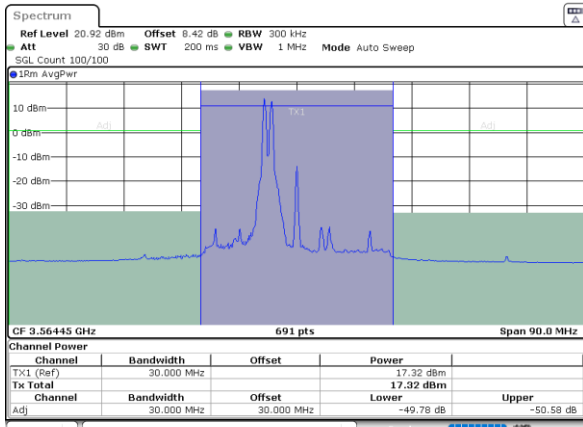
Lowest Band Edge / 1RB0 and 1RB99



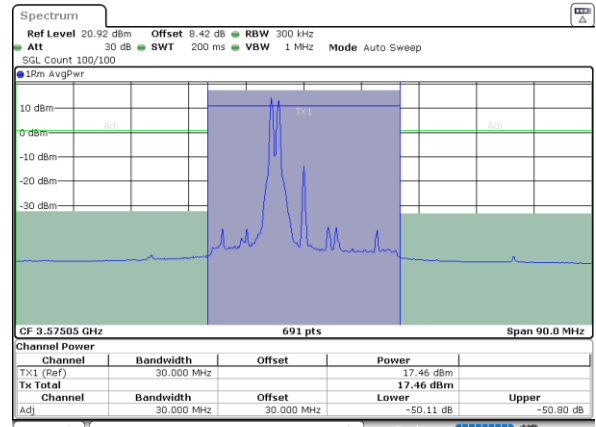
Middle Band Edge / 1RB0 and 1RB99



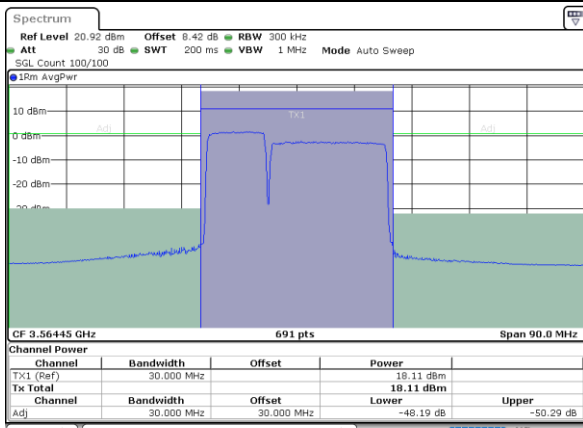
Lowest Band Edge / 1RB49 and 1RB0



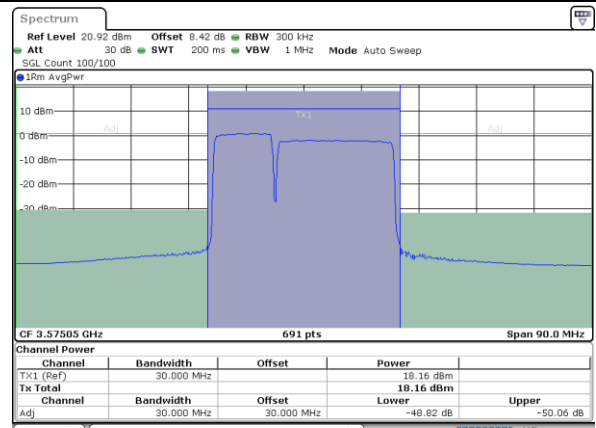
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



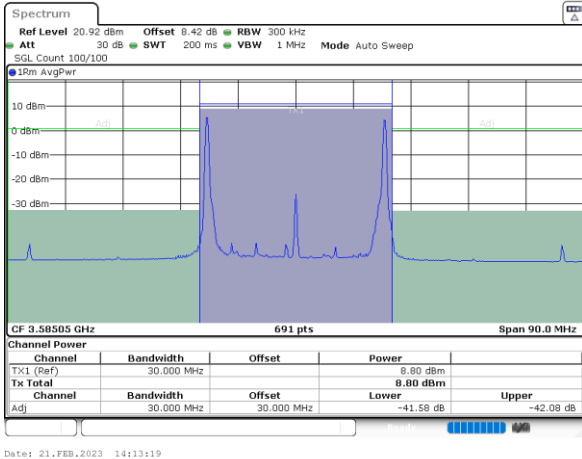


LTE Band 42C / 10MHz+20MHz

QPSK

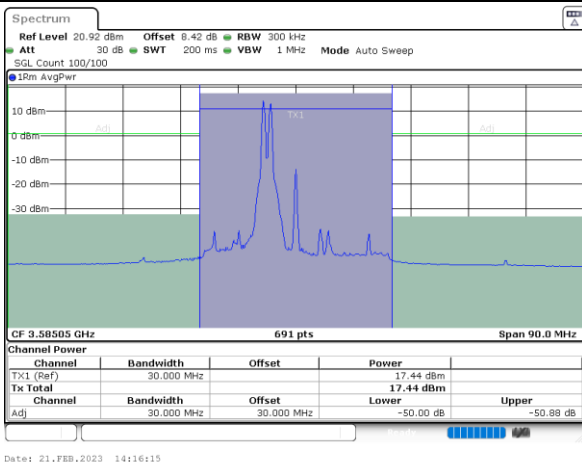
Highest Band Edge / 1RB0 and 1RB99

N/A



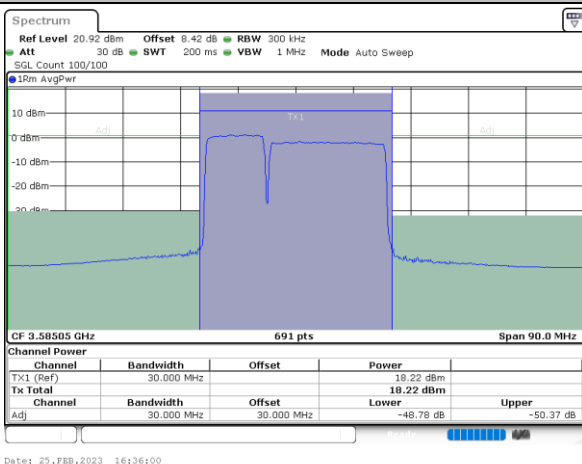
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

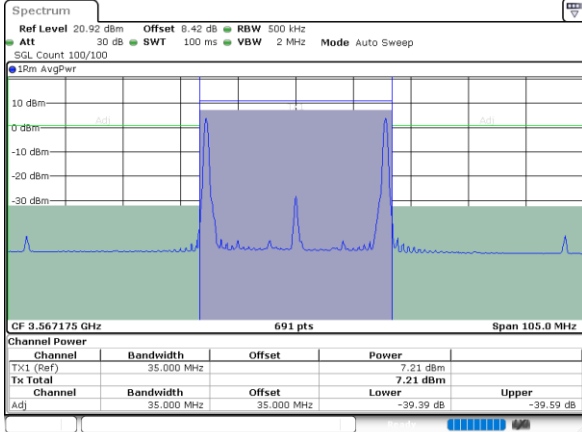




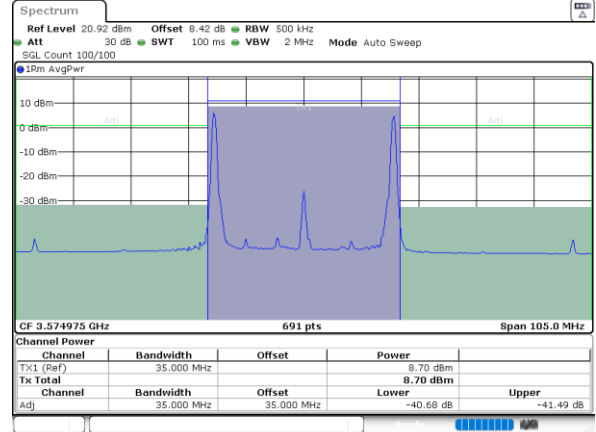
LTE Band 42C / 15MHz+20MHz

QPSK

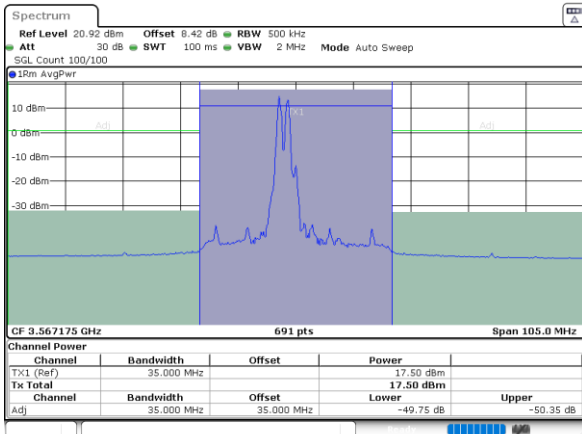
Lowest Band Edge / 1RB0 and 1RB99



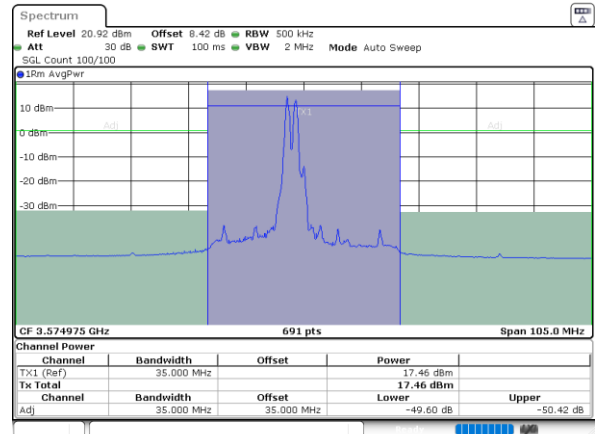
Middle Band Edge / 1RB0 and 1RB99



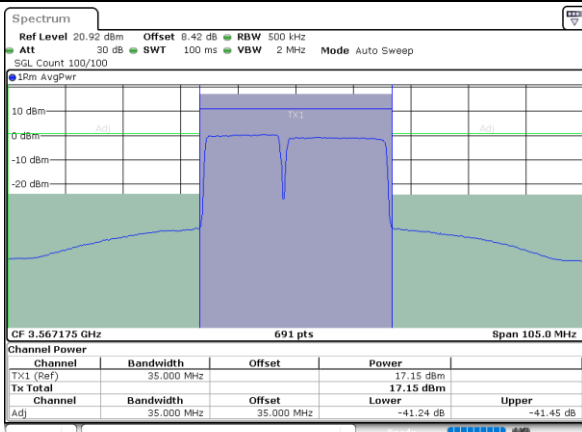
Lowest Band Edge / 1RB74 and 1RB0



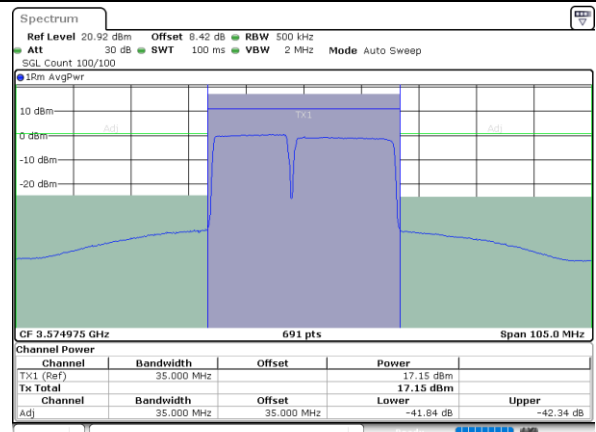
Middle Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



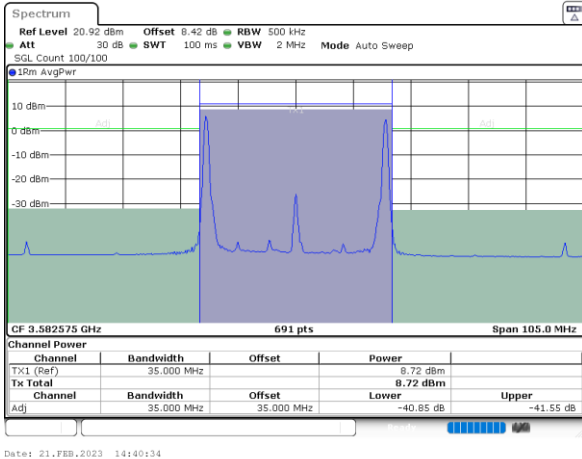


LTE Band 42C / 15MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB99

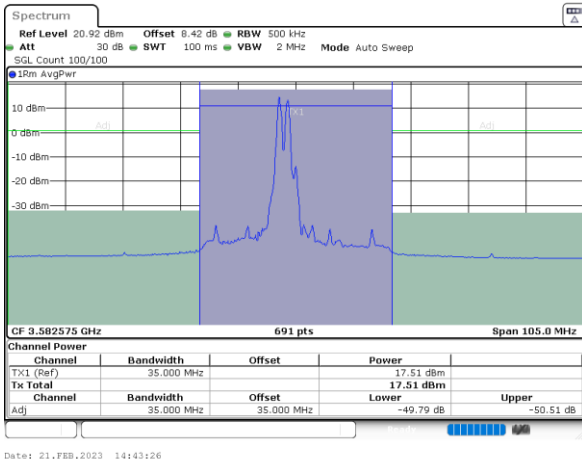
N/A



Date: 21.FEB.2023 14:40:34

Highest Band Edge / 1RB74 and 1RB0

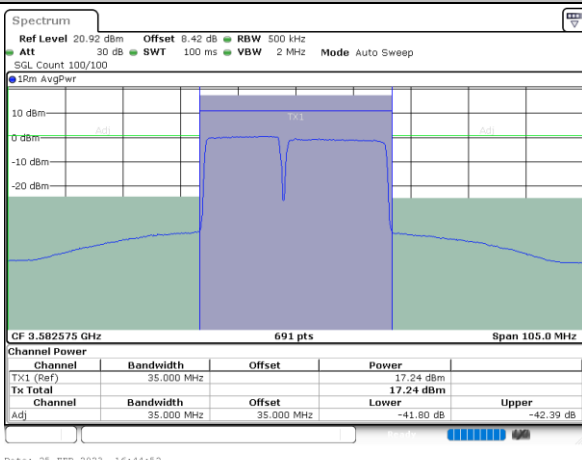
N/A



Date: 21.FEB.2023 14:43:26

Highest Band Edge / Full RB

N/A



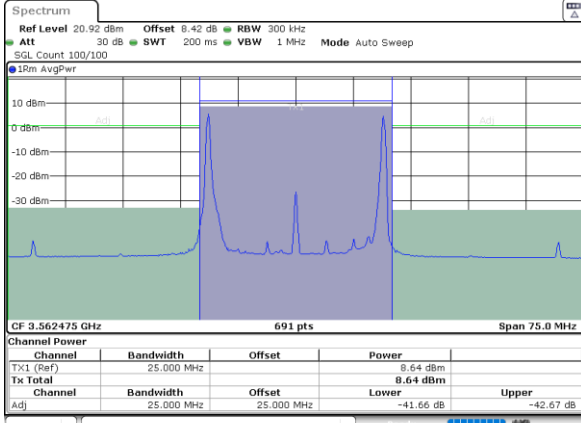
Date: 25.FEB.2023 16:44:52



LTE Band 42C/ 20MHz+5MHz

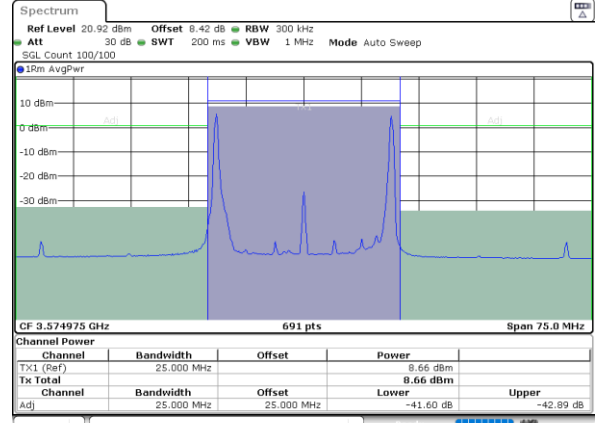
QPSK

Lowest Band Edge / 1RB0 and 1RB24



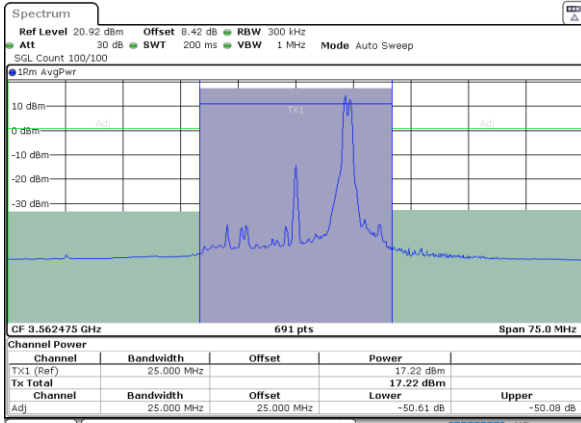
Date: 21.FEB.2023 15:13:19

Middle Band Edge / 1RB0 and 1RB24



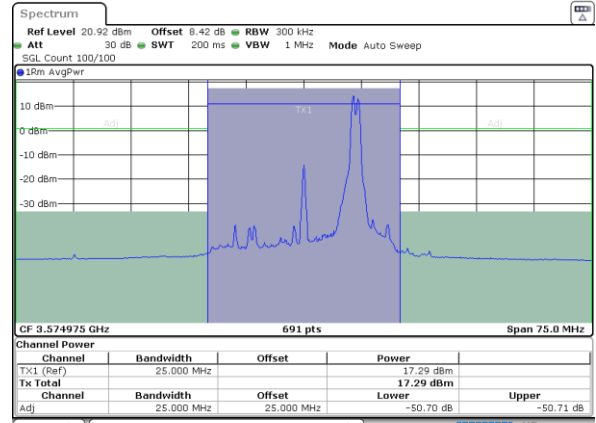
Date: 21.FEB.2023 15:25:07

Lowest Band Edge / 1RB99 and 1RB0



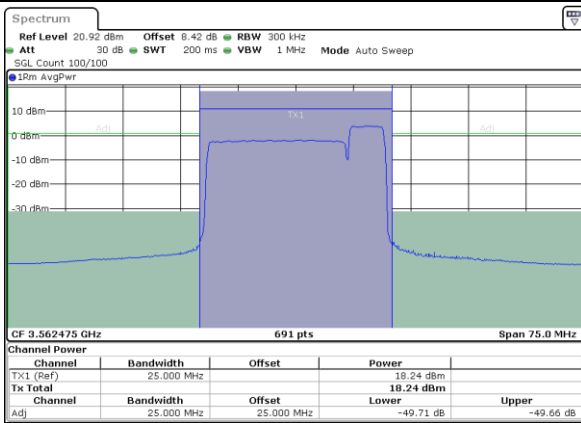
Date: 21.FEB.2023 15:16:15

Middle Band Edge / 1RB99 and 1RB0



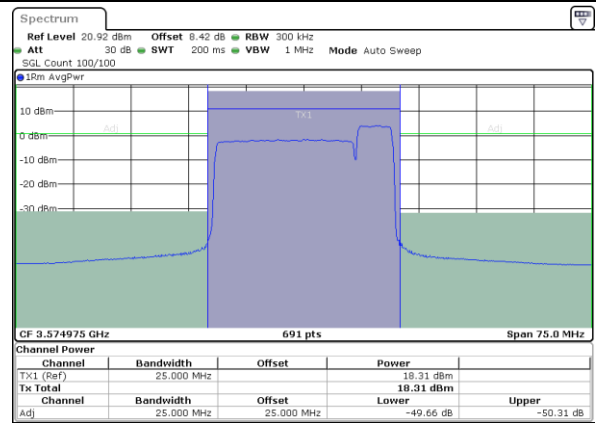
Date: 21.FEB.2023 15:28:03

Lowest Band Edge / Full RB



Date: 25.FEB.2023 16:59:22

Middle Band Edge / Full RB



Date: 25.FEB.2023 17:02:22

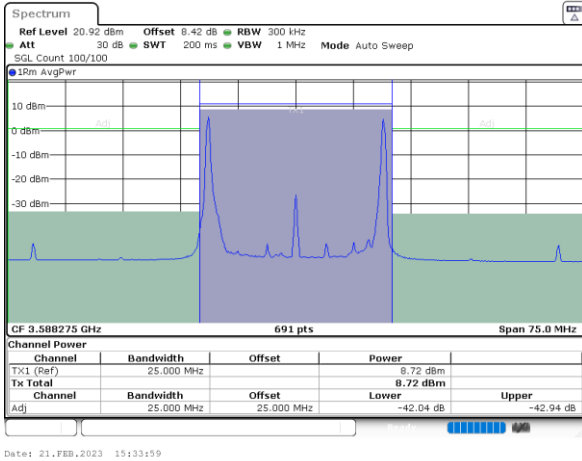


LTE Band 42C / 20MHz+5MHz

QPSK

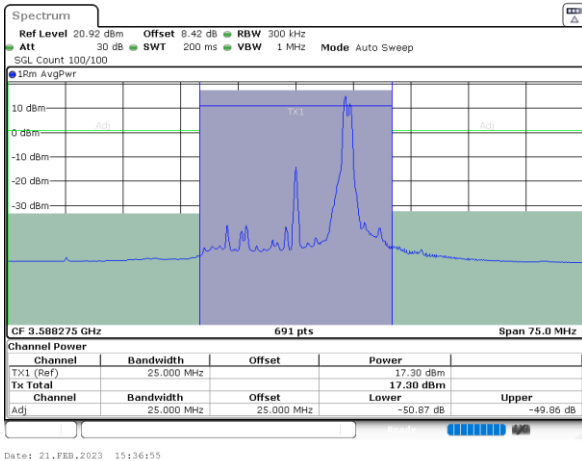
Highest Band Edge / 1RB0 and 1RB24

N/A



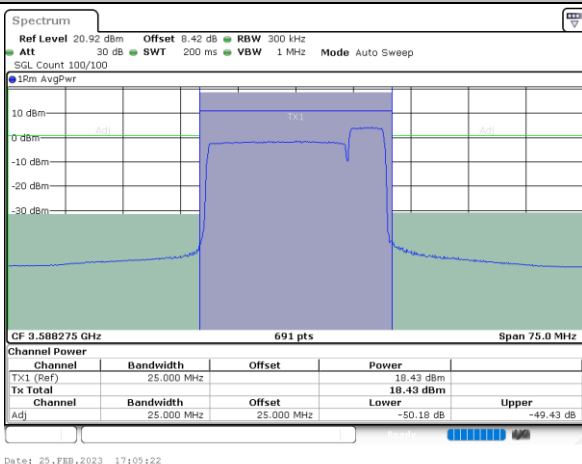
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

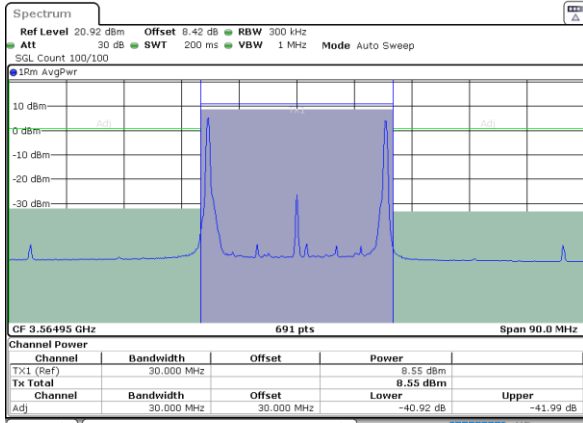




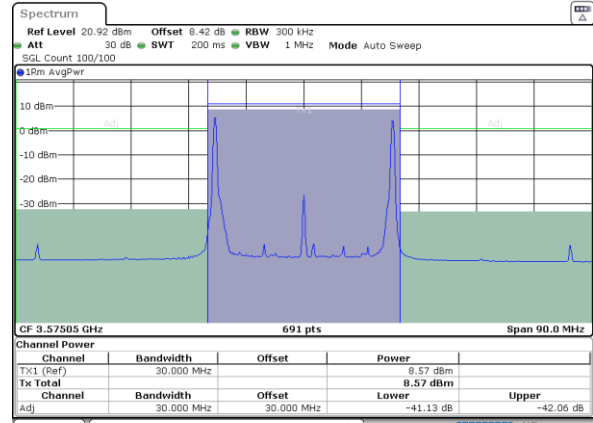
LTE Band 42C / 20MHz+10MHz

QPSK

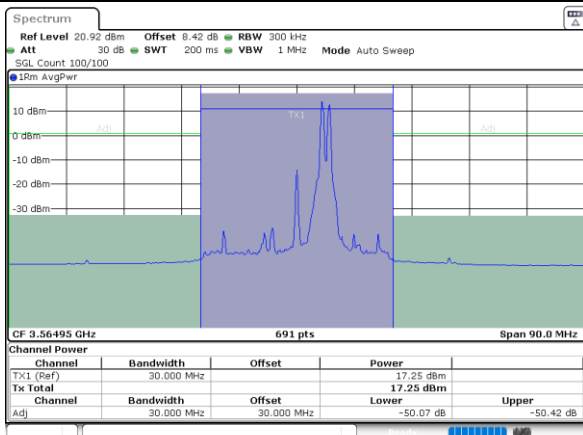
Lowest Band Edge / 1RB0 and 1RB49



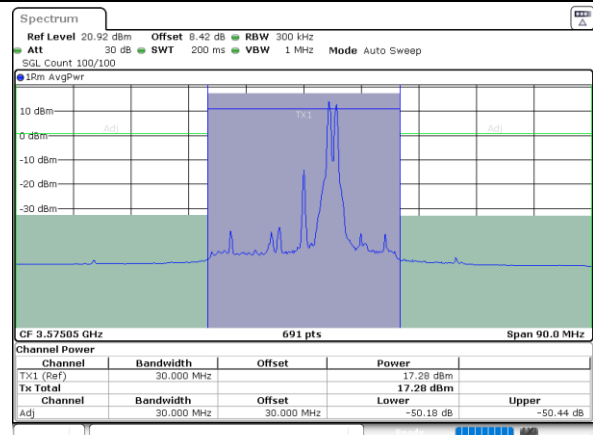
Middle Band Edge / 1RB0 and 1RB49



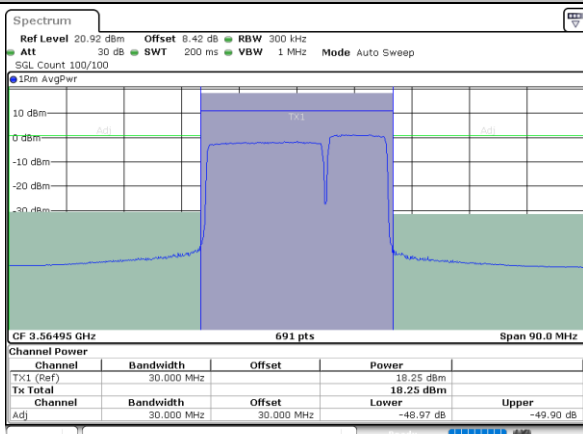
Lowest Band Edge / 1RB99 and 1RB0



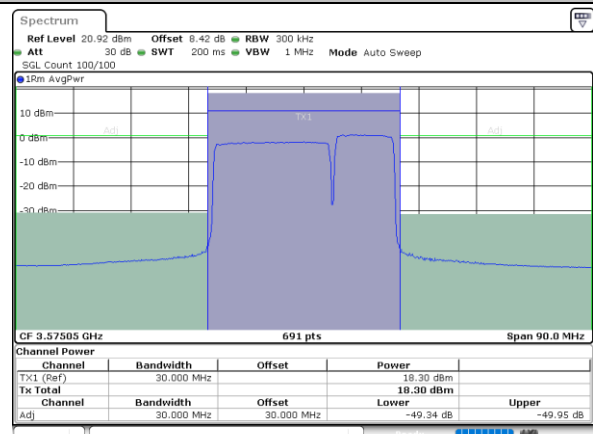
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



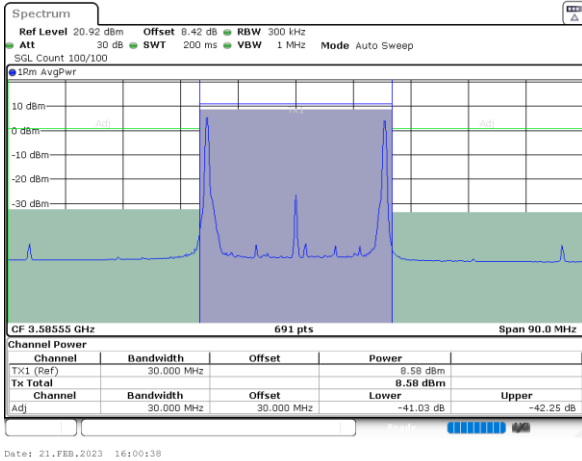


LTE Band 42C / 20MHz+10MHz

QPSK

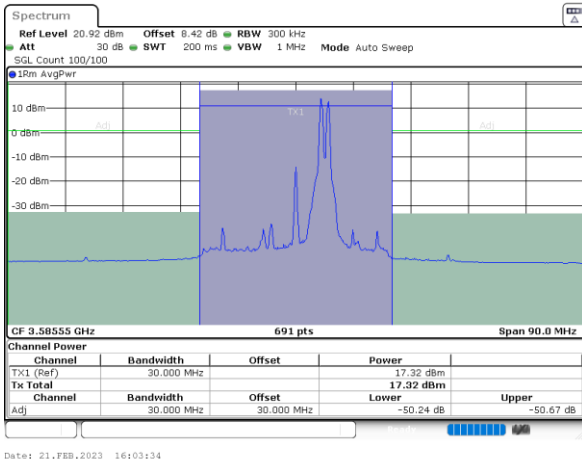
Highest Band Edge / 1RB0 and 1RB49

N/A



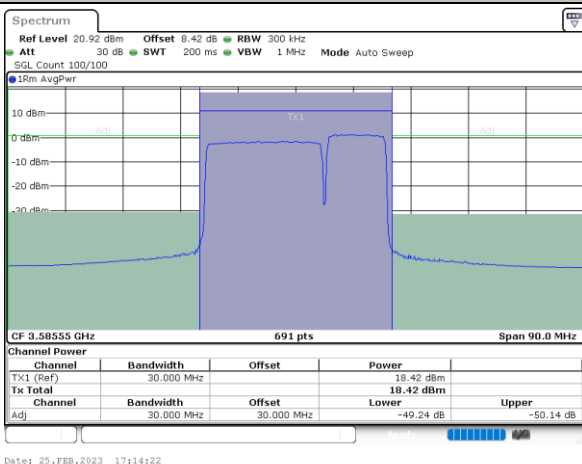
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

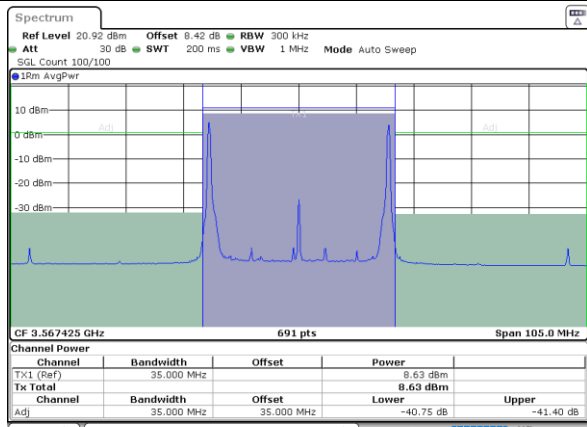




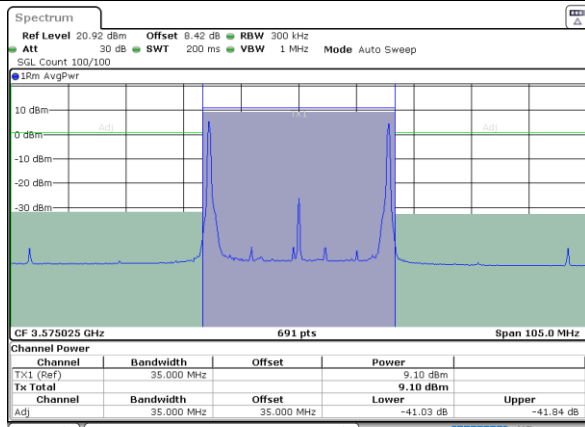
LTE Band 42C / 20MHz+15MHz

QPSK

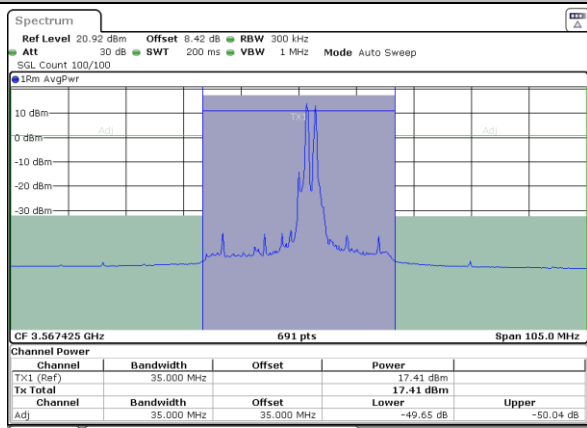
Lowest Band Edge / 1RB0 and 1RB74



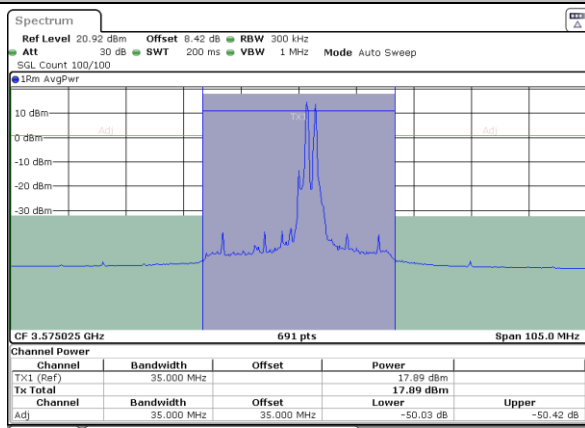
Middle Band Edge / 1RB0 and 1RB74



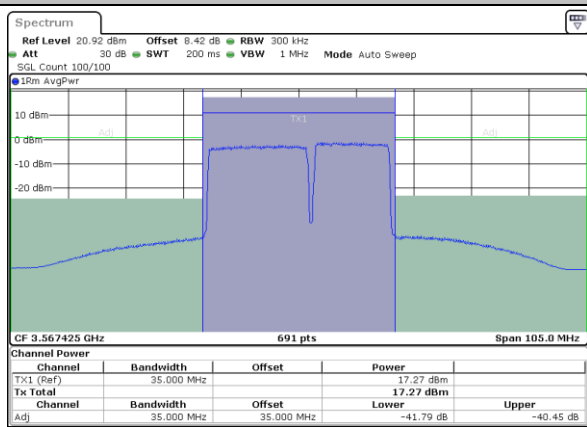
Lowest Band Edge / 1RB99 and 1RB0



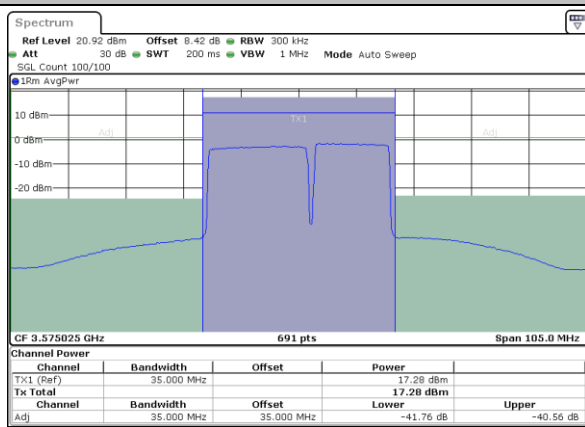
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



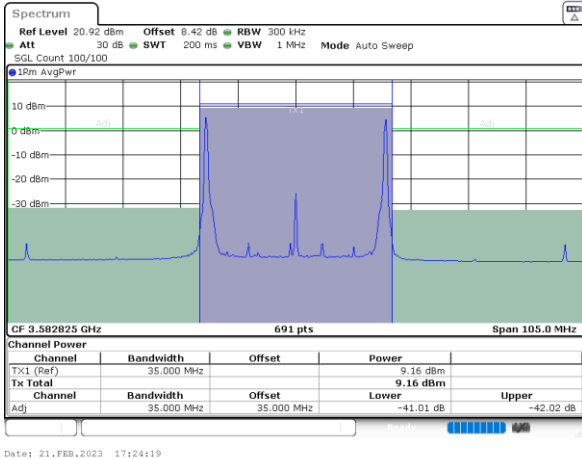


LTE Band 42C / 20MHz+15MHz

QPSK

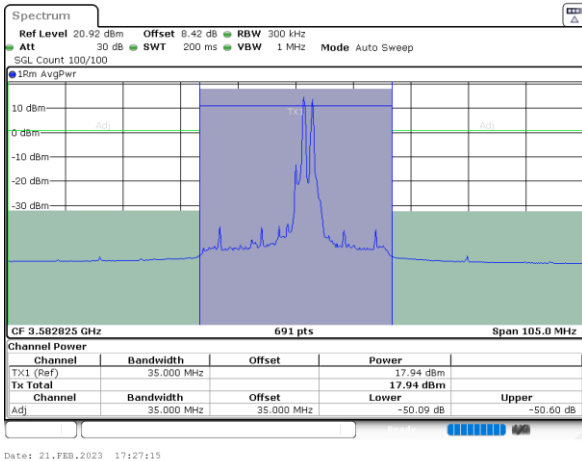
Highest Band Edge / 1RB0 and 1RB74

N/A



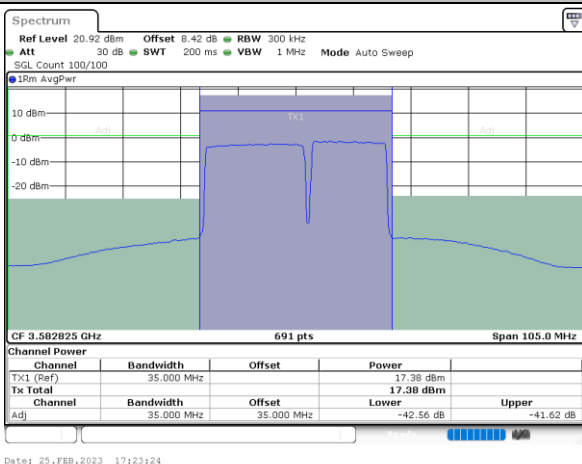
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

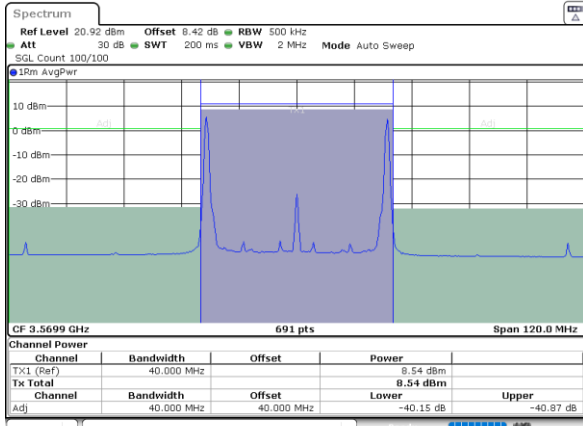




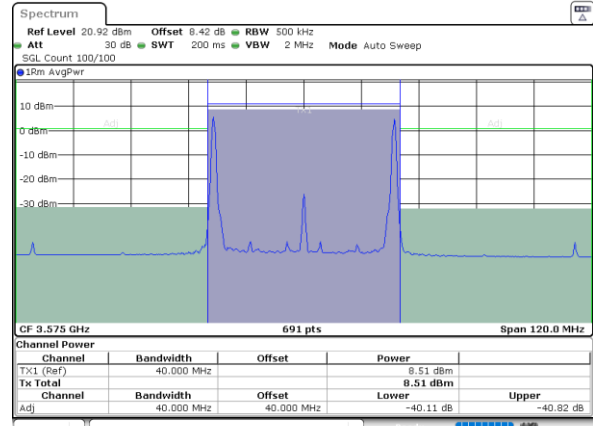
LTE Band 42C / 20MHz+20MHz

QPSK

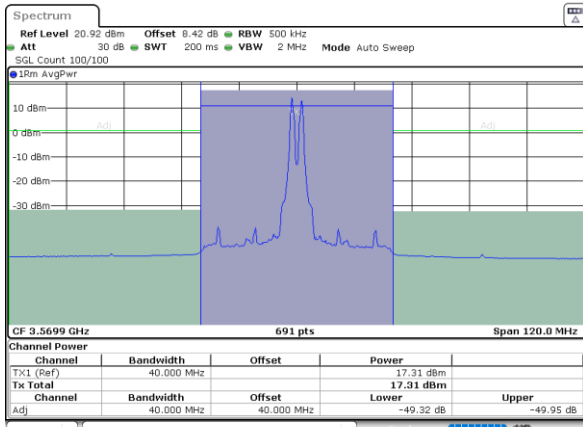
Lowest Band Edge / 1RB0 and 1RB99



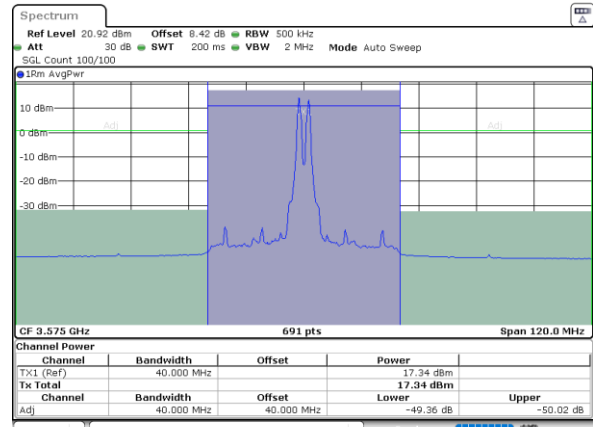
Middle Band Edge / 1RB0 and 1RB99



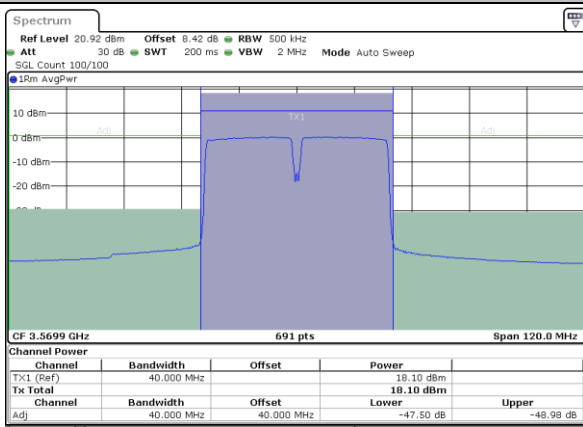
Lowest Band Edge / 1RB99 and 1RB0



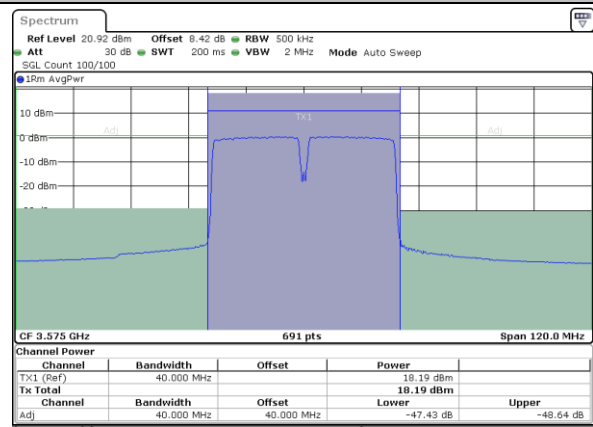
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



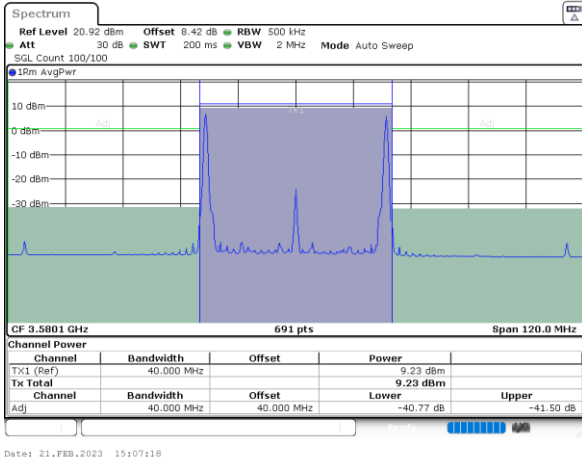


LTE Band 42C / 20MHz+20MHz

QPSK

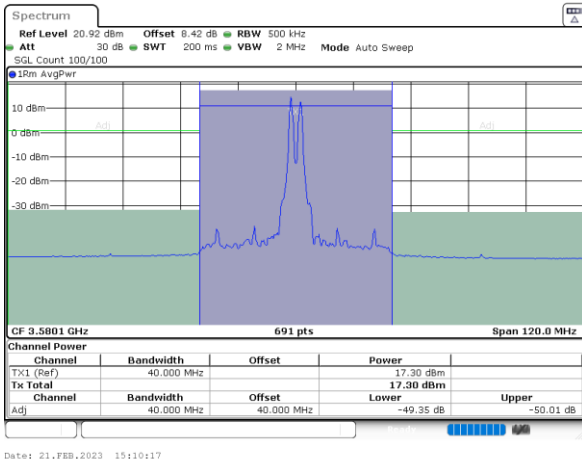
Highest Band Edge / 1RB0 and 1RB99

N/A



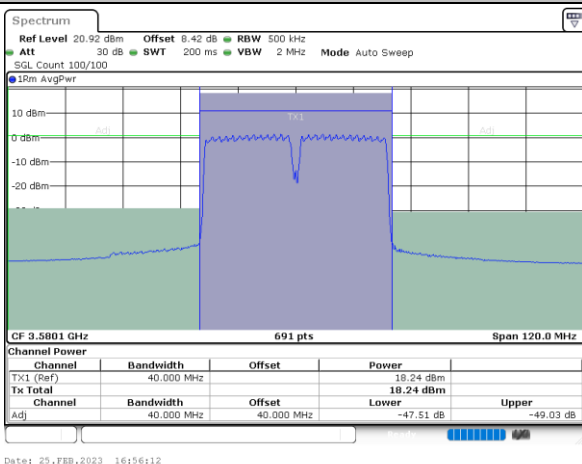
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

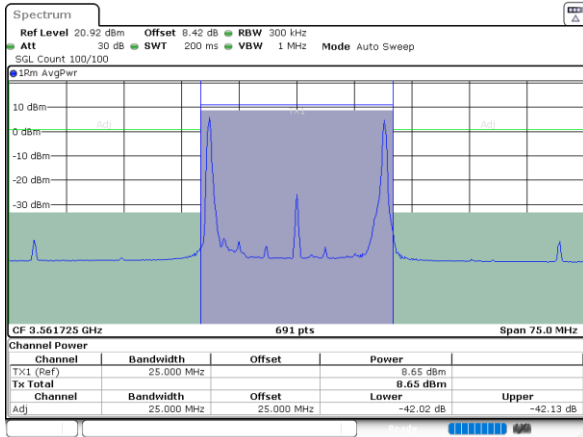




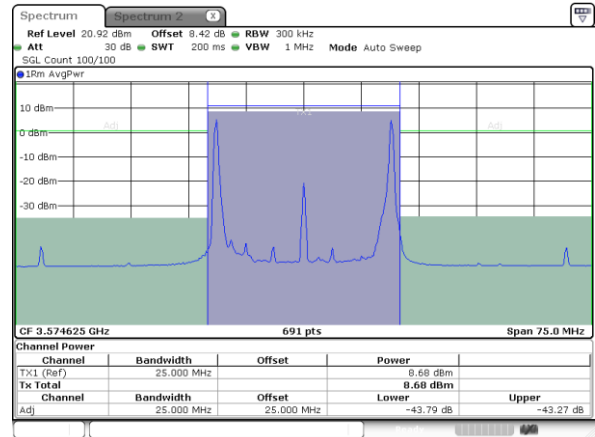
LTE Band 42C / 5MHz+20MHz

16QAM

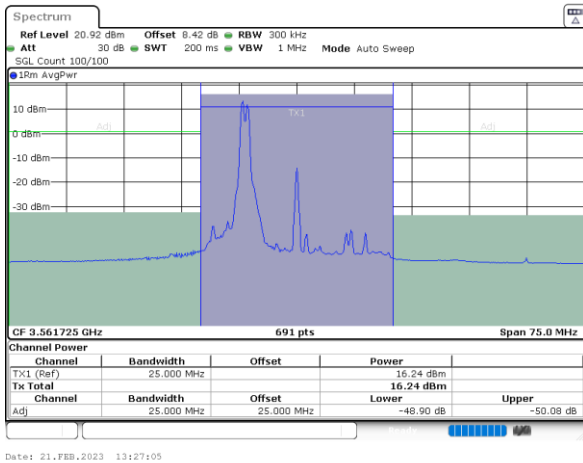
Lowest Band Edge / 1RB0 and 1RB99



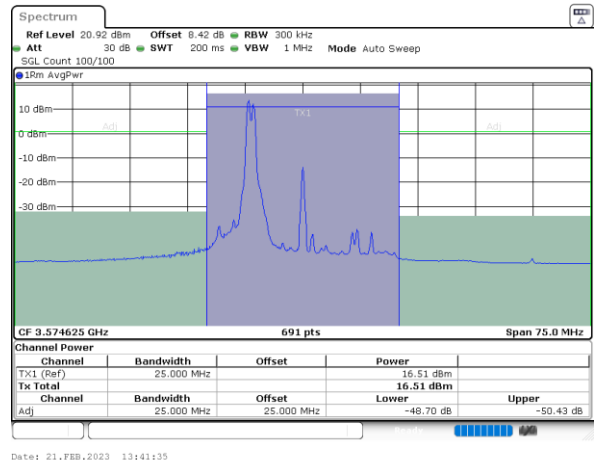
Middle Band Edge / 1RB0 and 1RB99



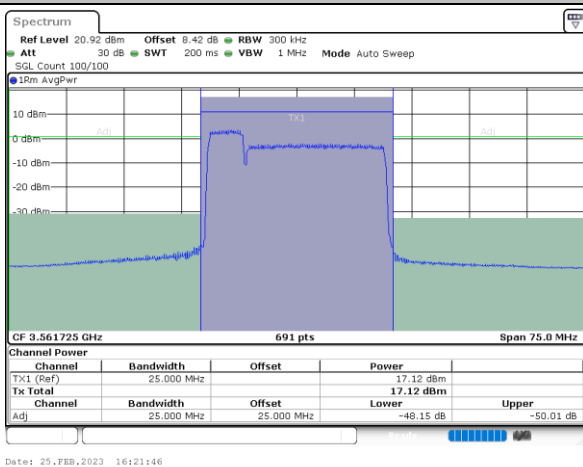
Lowest Band Edge / 1RB24 and 1RB0



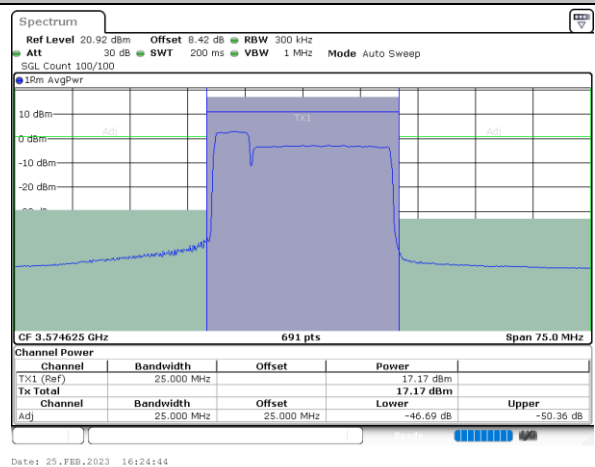
Middle Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



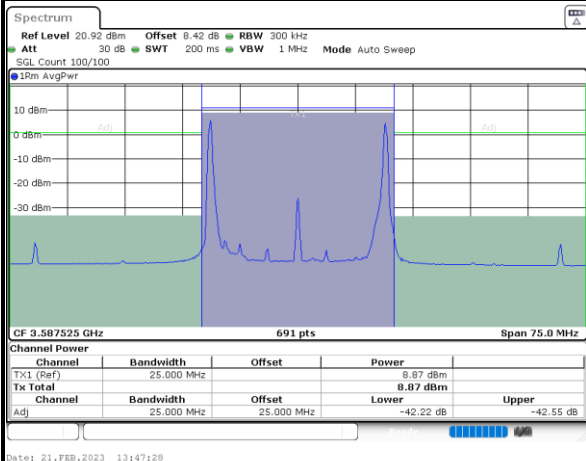


LTE Band 42C / 5MHz+20MHz

16QAM

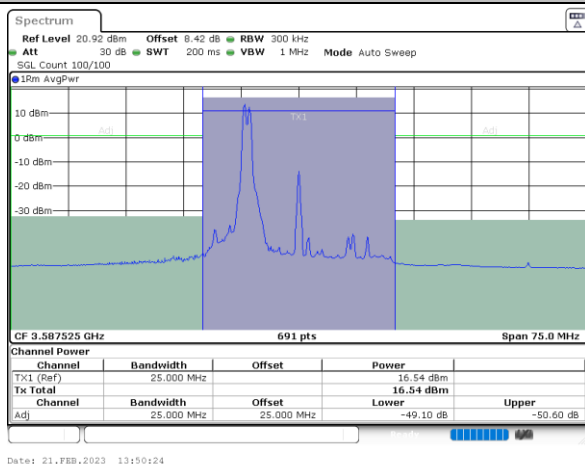
Highest Band Edge / 1RB0 and 1RB99

N/A



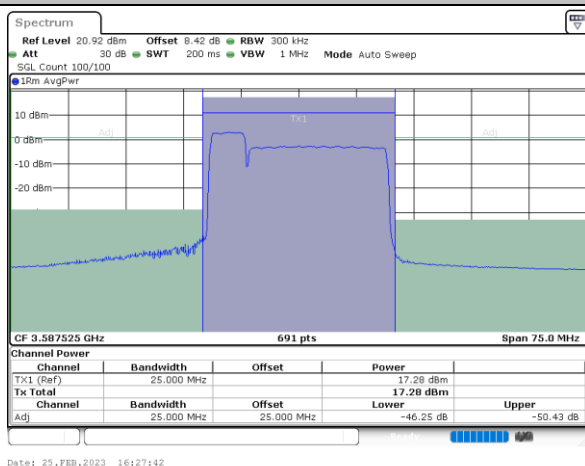
Highest Band Edge / 1RB24 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

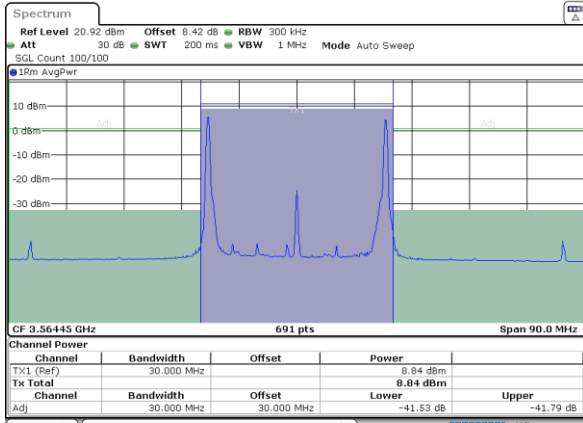




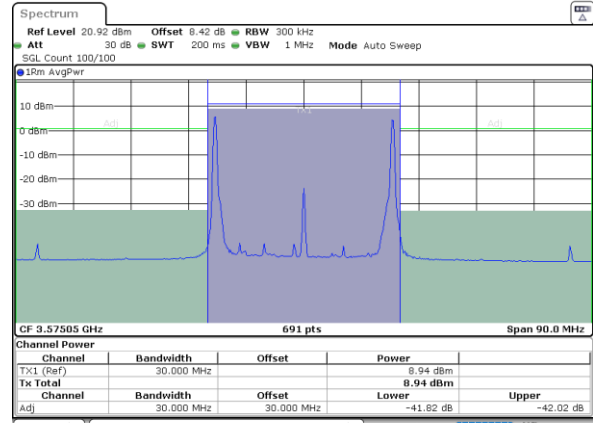
LTE Band 42C / 10MHz+20MHz

16QAM

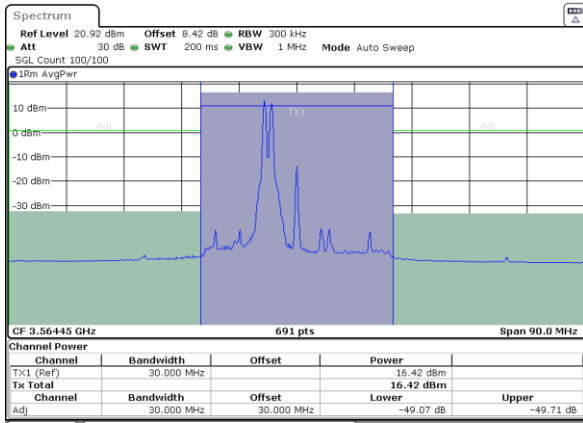
Lowest Band Edge / 1RB0 and 1RB99



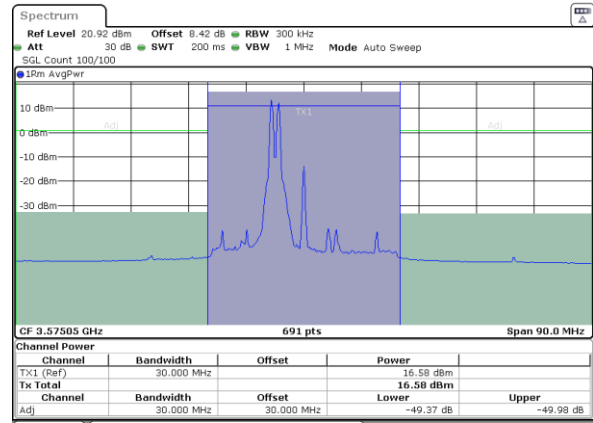
Middle Band Edge / 1RB0 and 1RB99



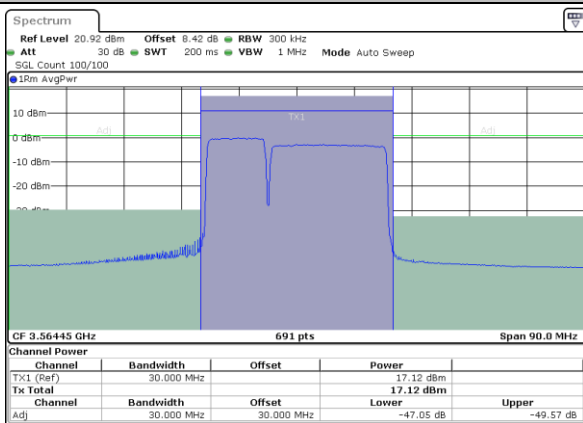
Lowest Band Edge / 1RB49 and 1RB0



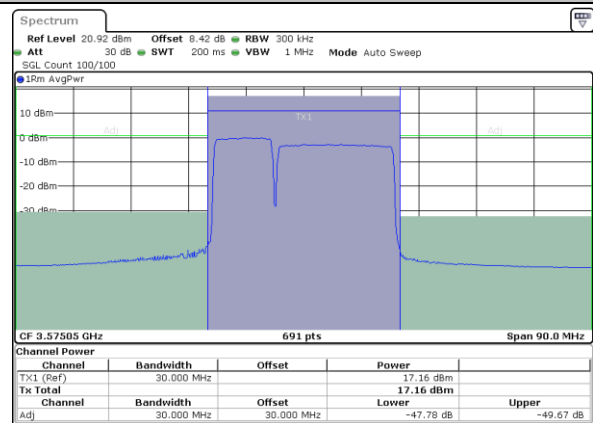
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



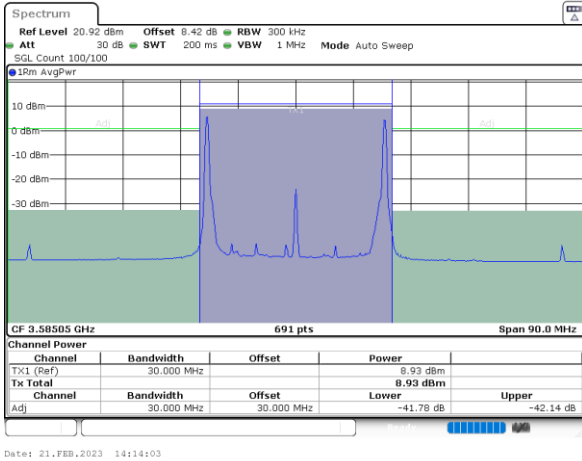


LTE Band 42C / 10MHz+20MHz

16QAM

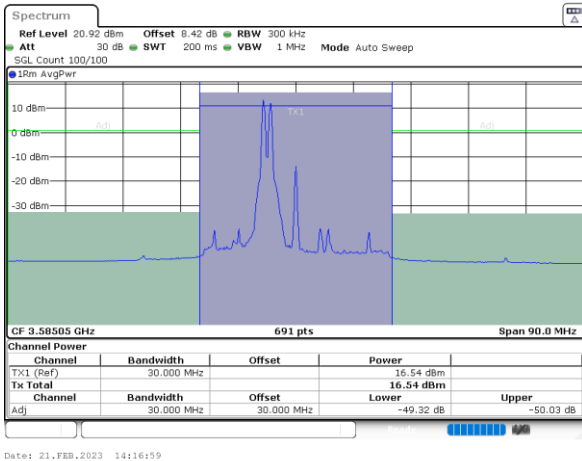
Highest Band Edge / 1RB0 and 1RB99

N/A



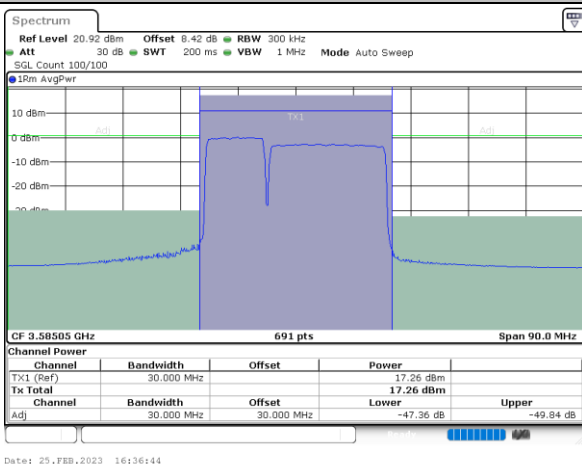
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

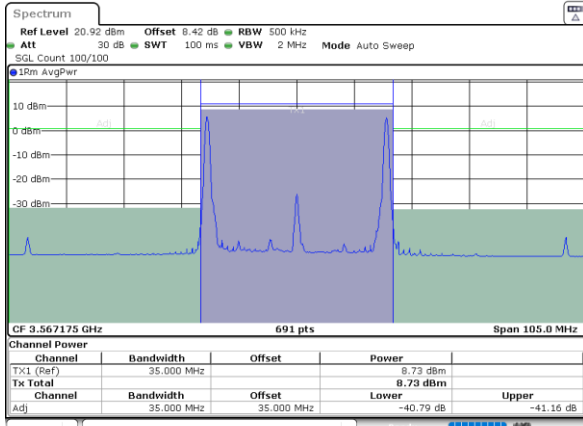




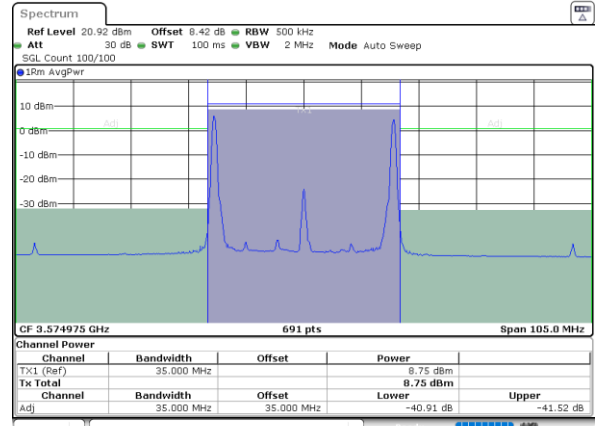
LTE Band 42C / 15MHz+20MHz

16QAM

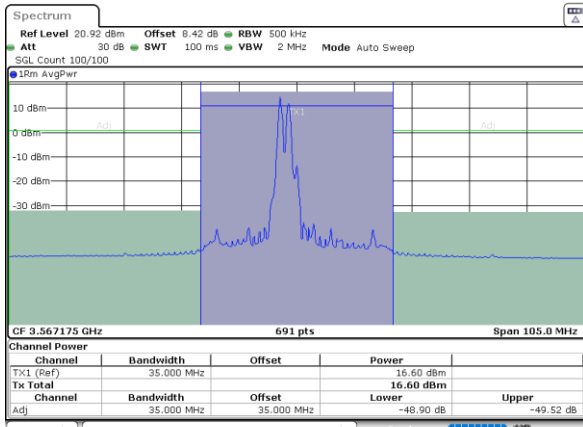
Lowest Band Edge / 1RB0 and 1RB99



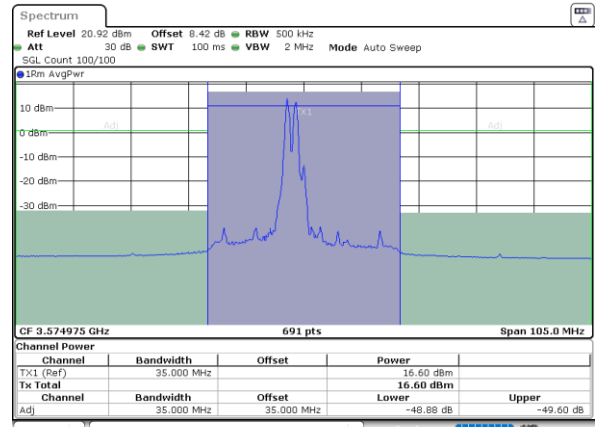
Middle Band Edge / 1RB0 and 1RB99



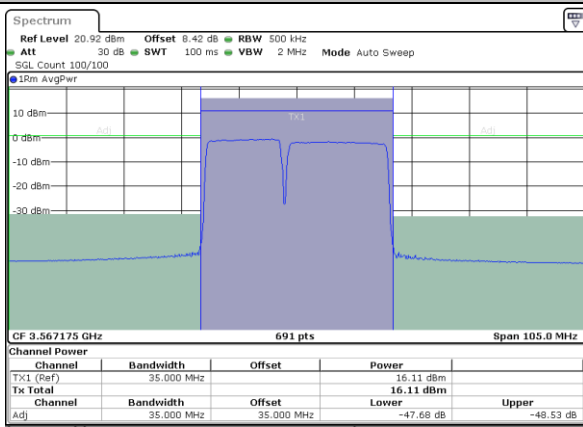
Lowest Band Edge / 1RB74 and 1RB0



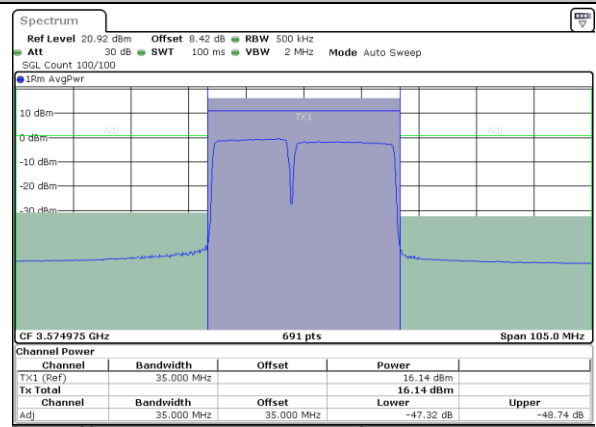
Middle Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



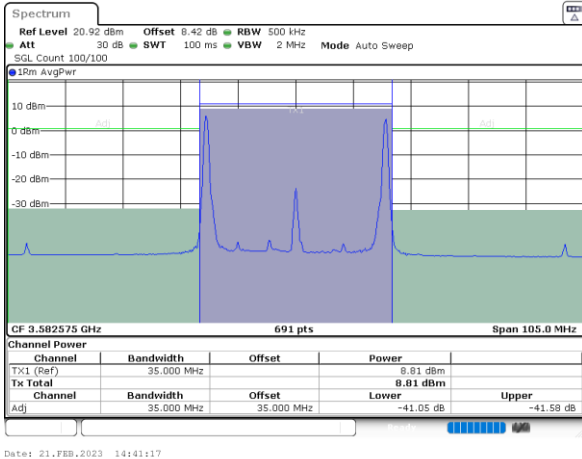


LTE Band 42C / 15MHz+20MHz

16QAM

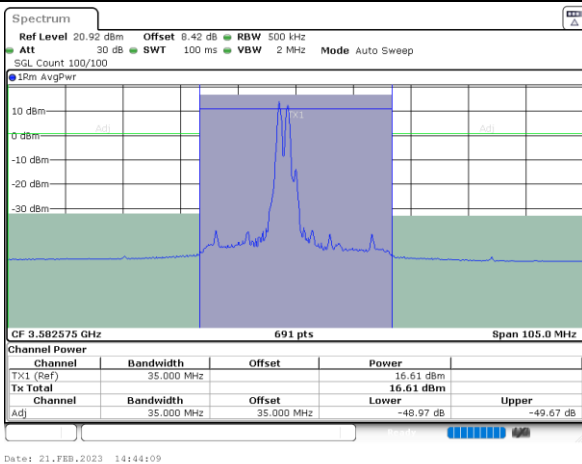
Highest Band Edge / 1RB0 and 1RB99

N/A



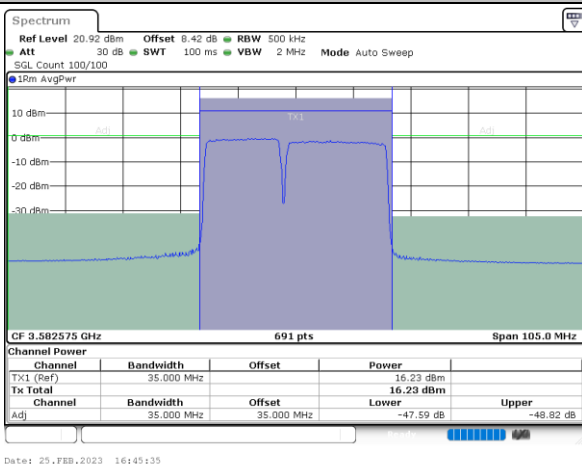
Highest Band Edge / 1RB74 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

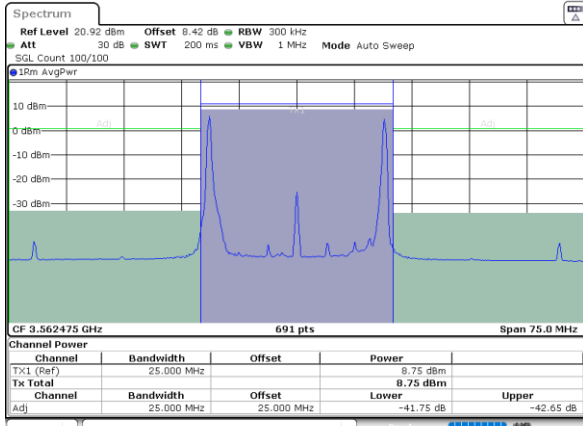




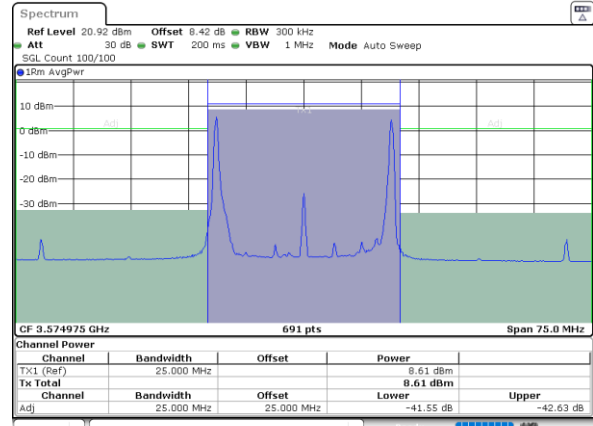
LTE Band 42C/ 20MHz+5MHz

16QAM

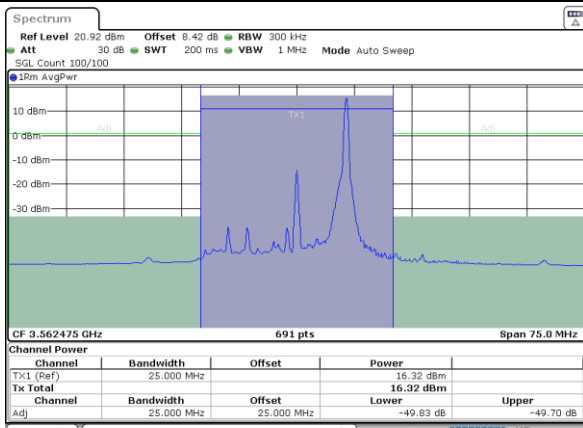
Lowest Band Edge / 1RB0 and 1RB24



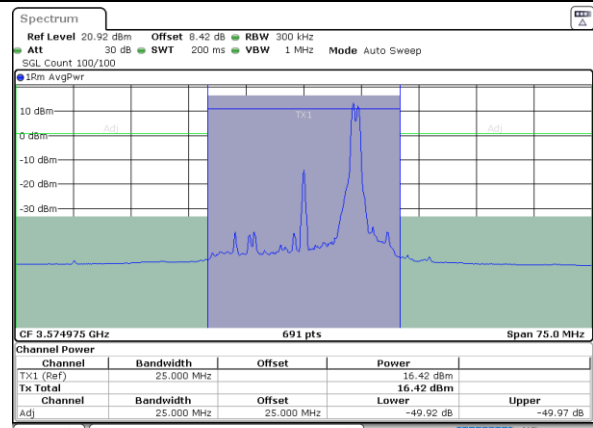
Middle Band Edge / 1RB0 and 1RB24



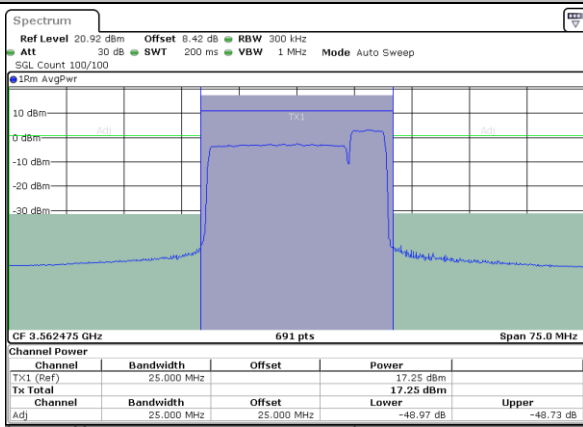
Lowest Band Edge / 1RB99 and 1RB0



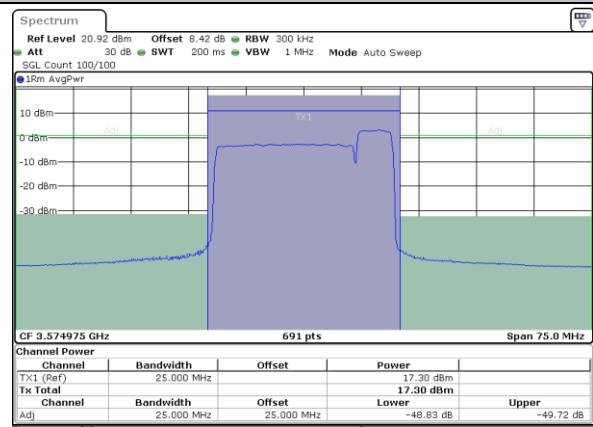
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



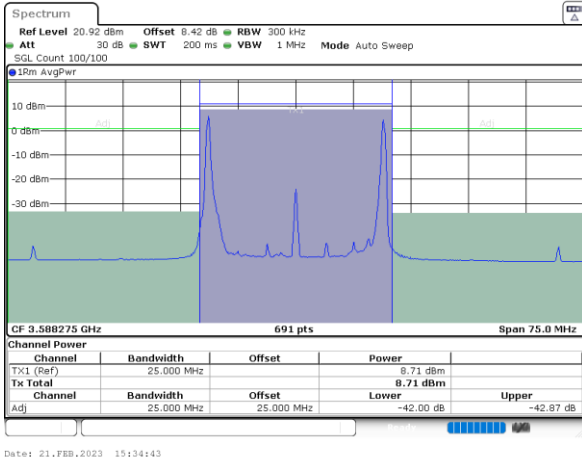


LTE Band 42C / 20MHz+5MHz

16QAM

Highest Band Edge / 1RB0 and 1RB24

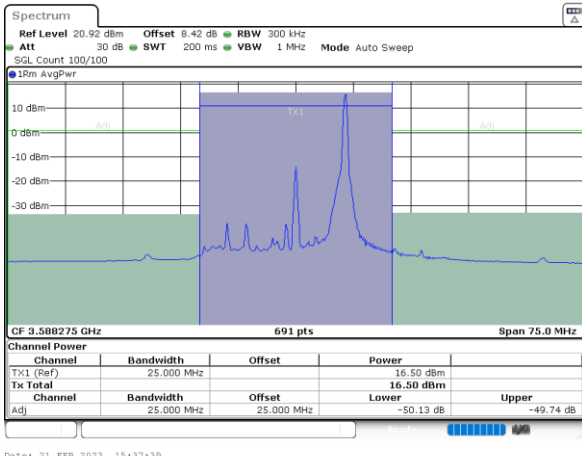
N/A



Date: 21.FEB.2023 15:34:43

Highest Band Edge / 1RB99 and 1RB0

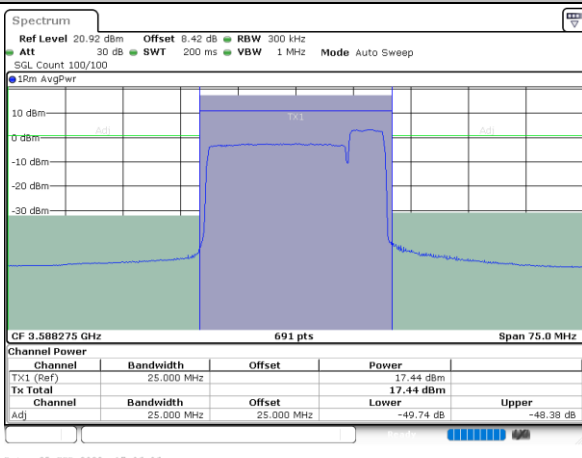
N/A



Date: 21.FEB.2023 15:37:39

Highest Band Edge / Full RB

N/A



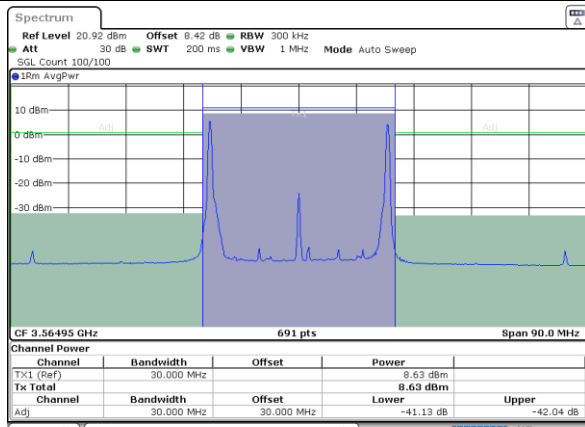
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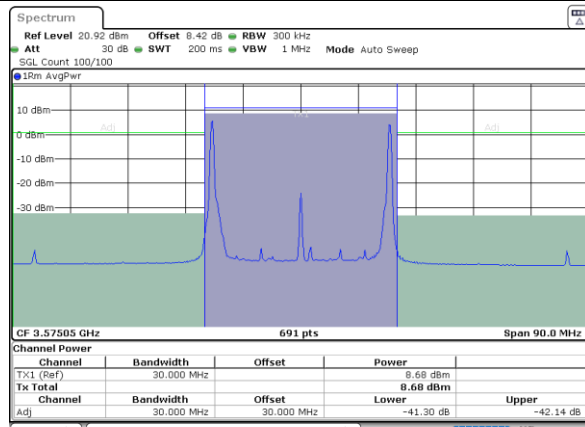
LTE Band 42C / 20MHz+10MHz

16QAM

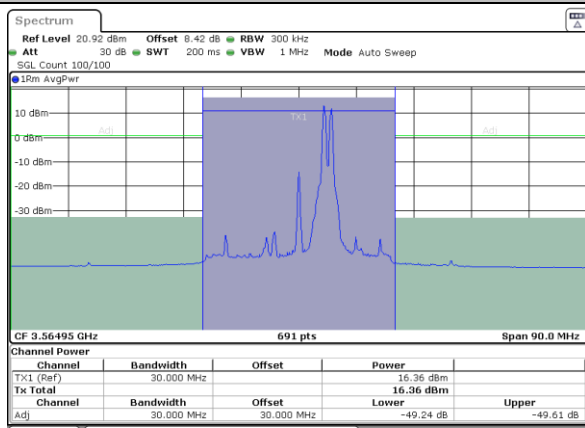
Lowest Band Edge / 1RB0 and 1RB49



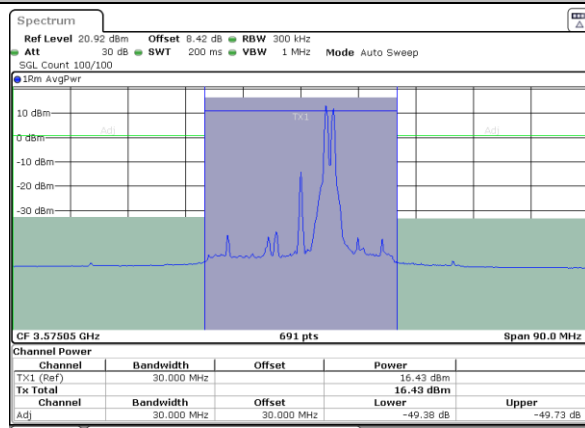
Middle Band Edge / 1RB0 and 1RB49



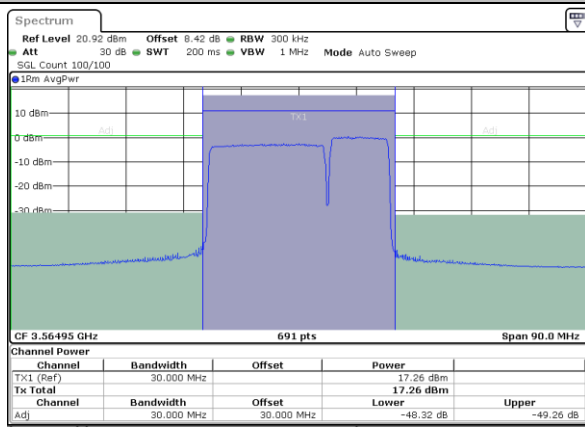
Lowest Band Edge / 1RB99 and 1RB0



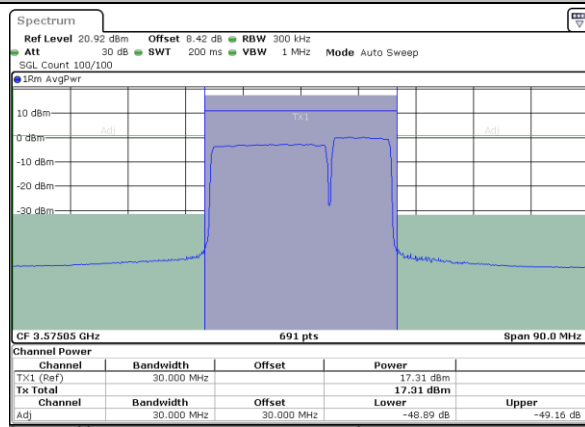
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



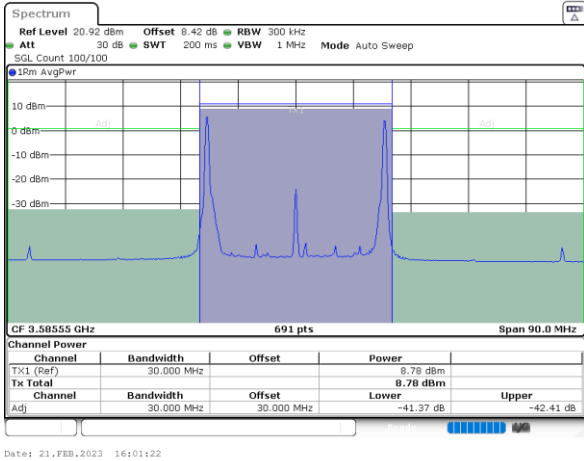


LTE Band 42C / 20MHz+10MHz

16QAM

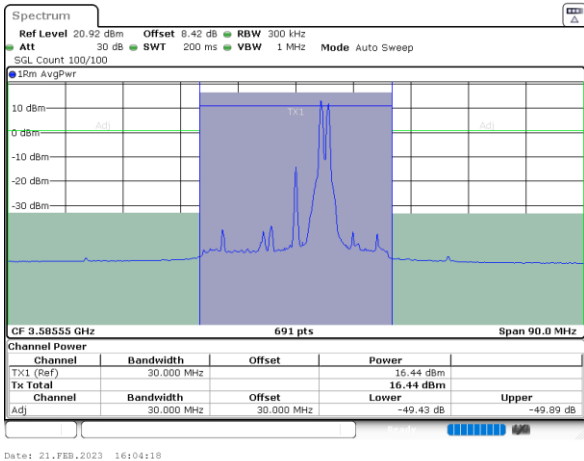
Highest Band Edge / 1RB0 and 1RB49

N/A



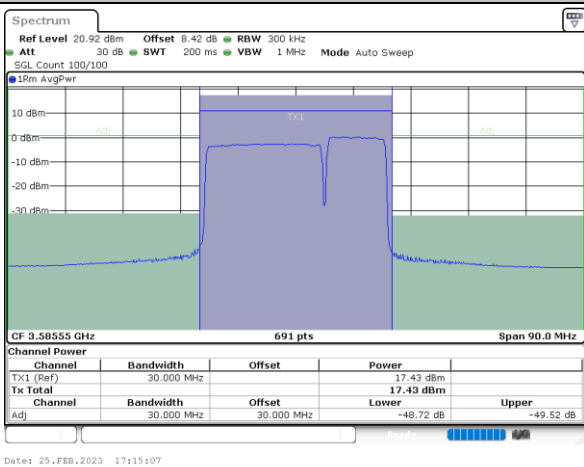
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

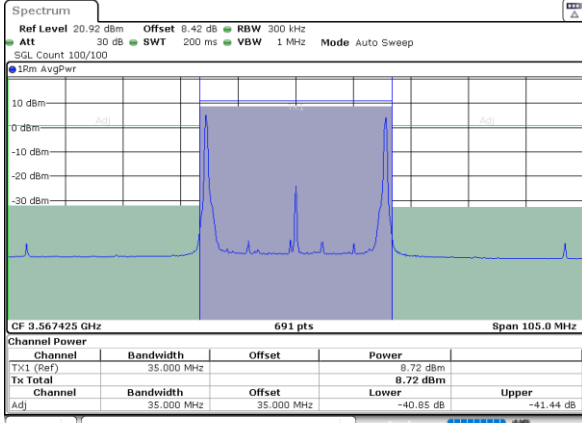




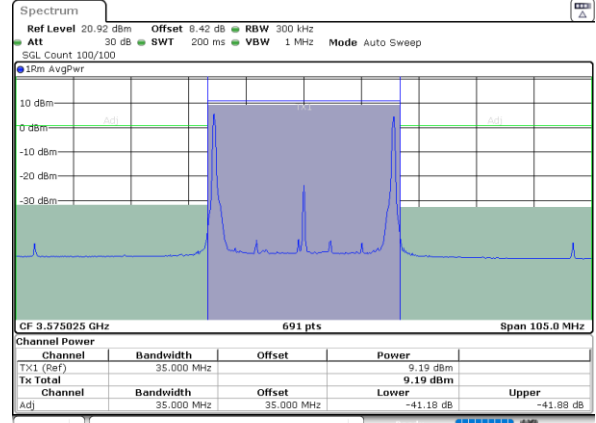
LTE Band 42C / 20MHz+15MHz

16QAM

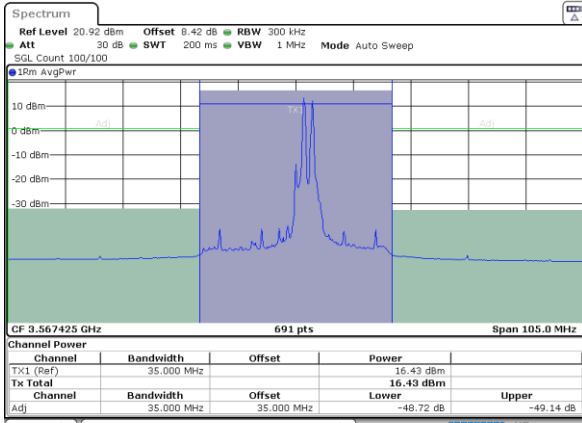
Lowest Band Edge / 1RB0 and 1RB74



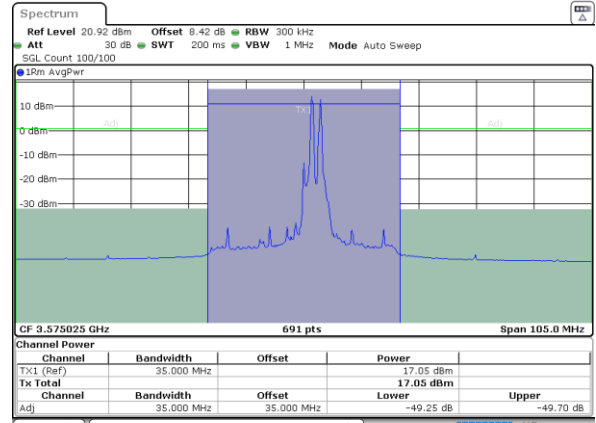
Middle Band Edge / 1RB0 and 1RB74



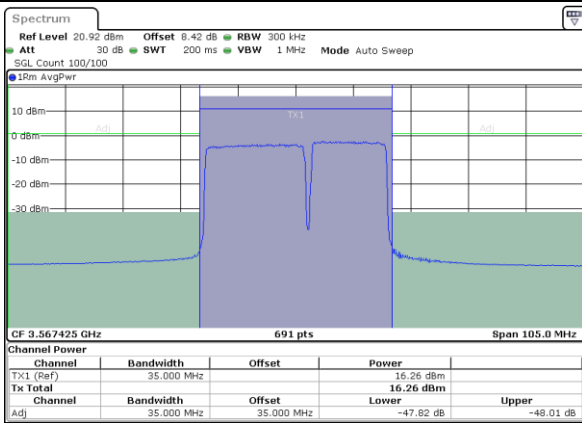
Lowest Band Edge / 1RB99 and 1RB0



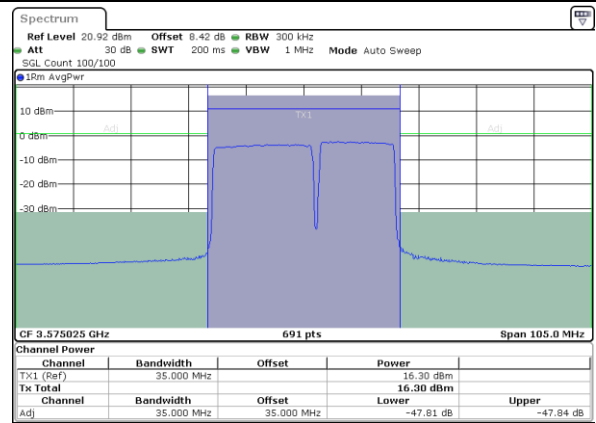
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



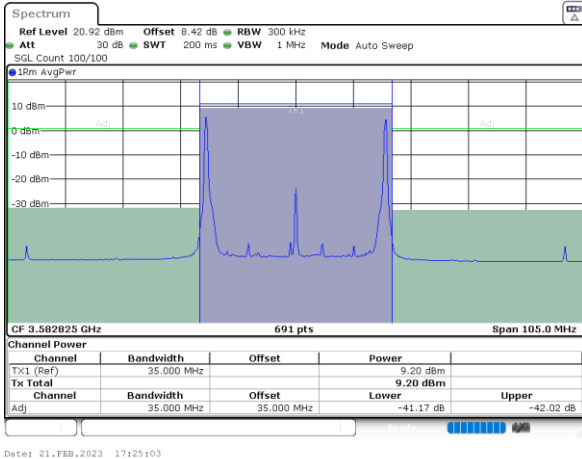


LTE Band 42C / 20MHz+15MHz

16QAM

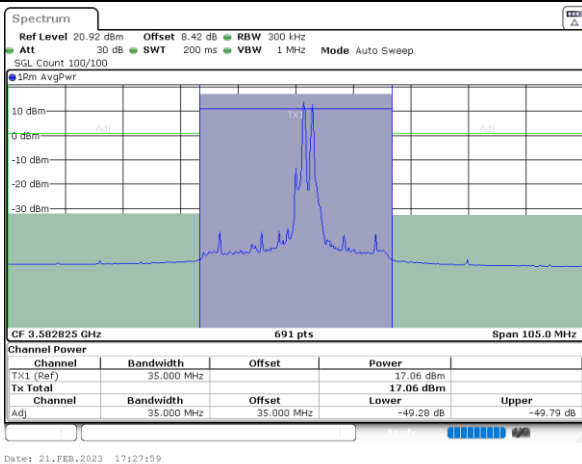
Highest Band Edge / 1RB0 and 1RB74

N/A



Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

