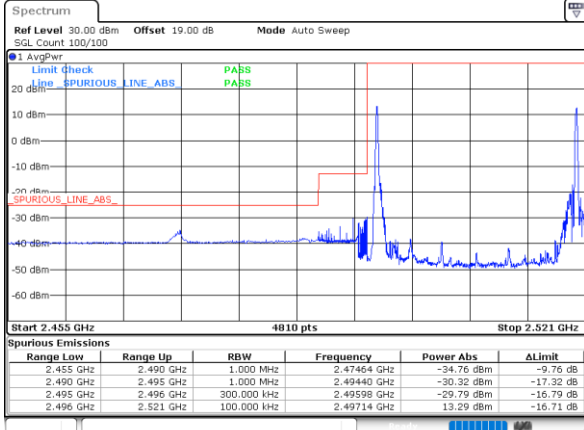




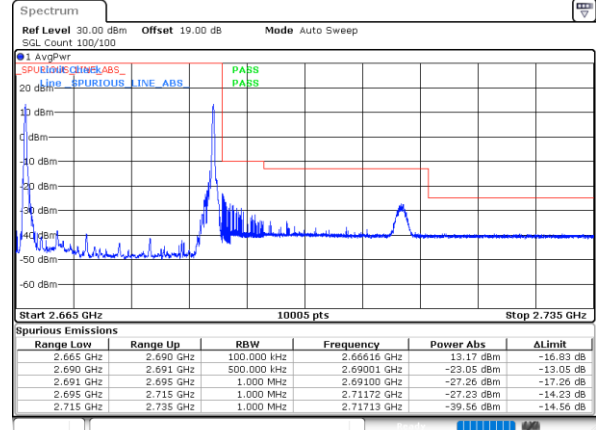
LTE Band 41C / 5MHz+20MHz

64QAM

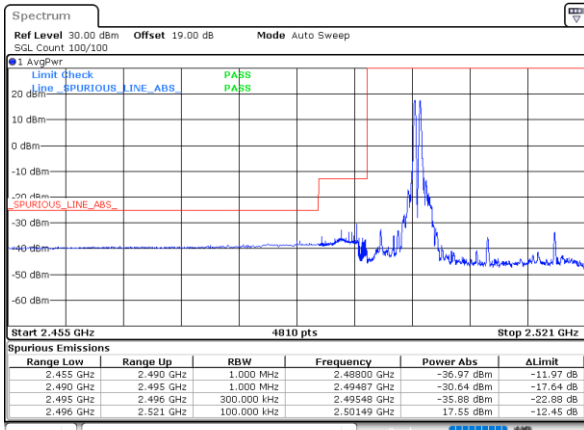
Lowest Band Edge / 1RB0 and 1RB99



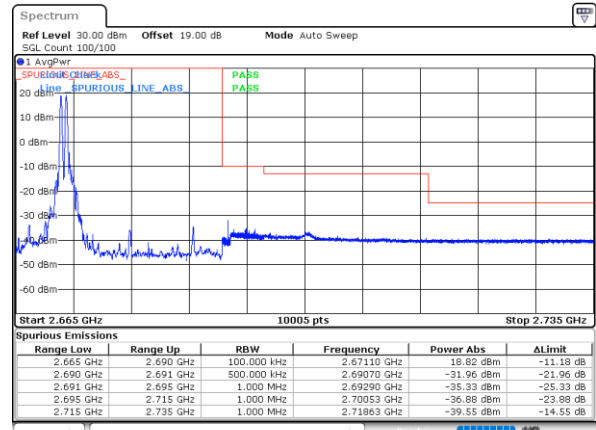
Highest Band Edge / 1RB0 and 1RB99



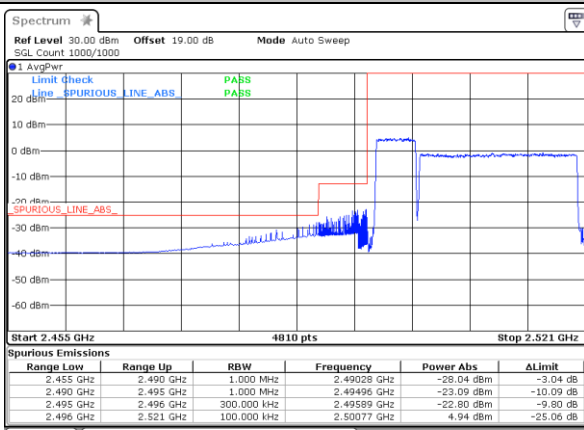
Lowest Band Edge / 1RB24 and 1RB0



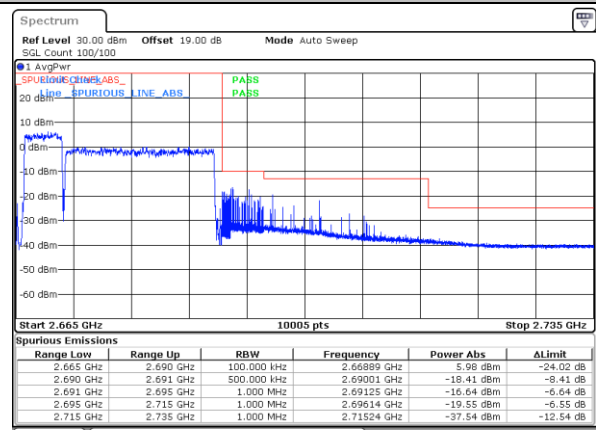
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

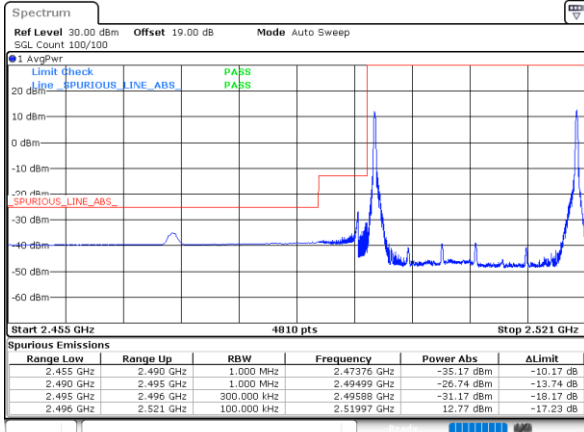




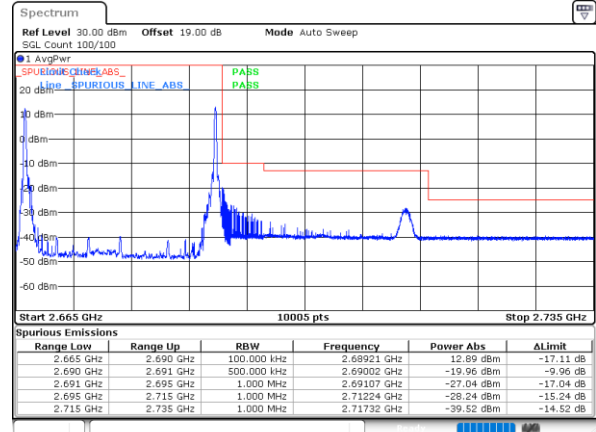
LTE Band 41C / 10MHz+15MHz

64QAM

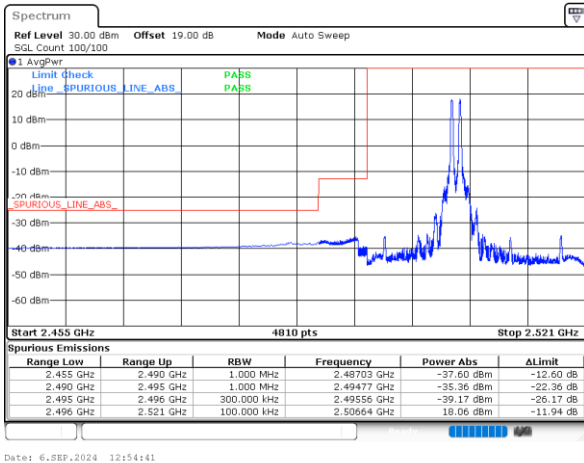
Lowest Band Edge / 1RB0 and 1RB74



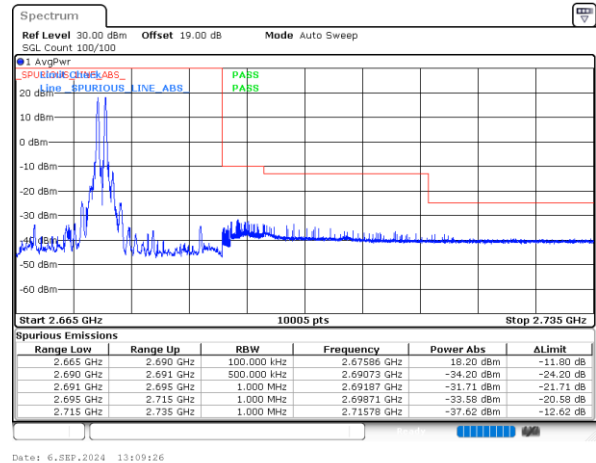
Highest Band Edge / 1RB0 and 1RB74



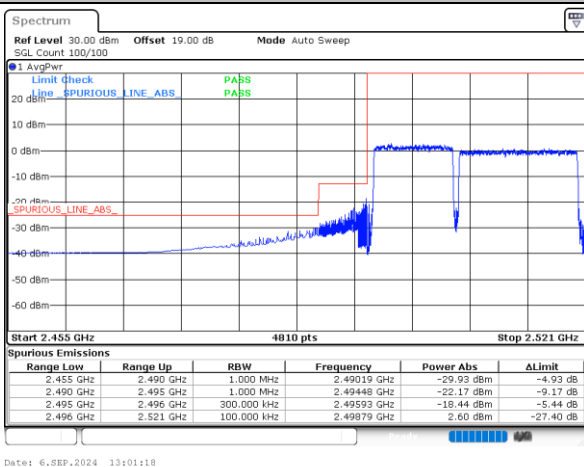
Lowest Band Edge / 1RB49 and 1RB0



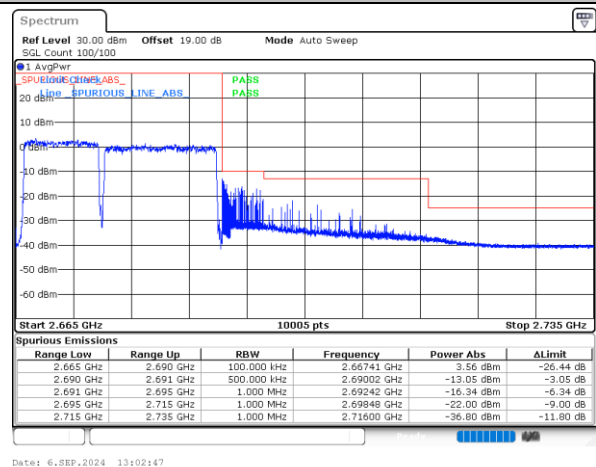
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

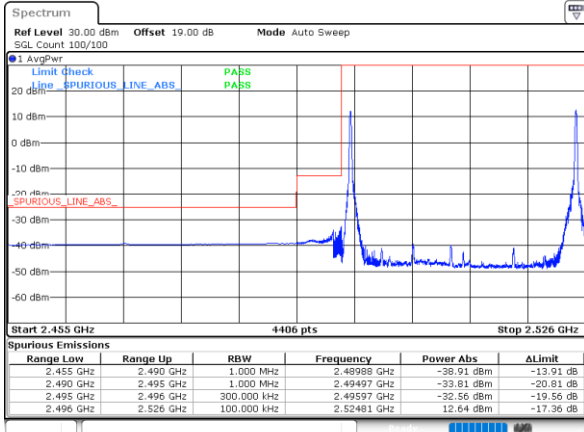




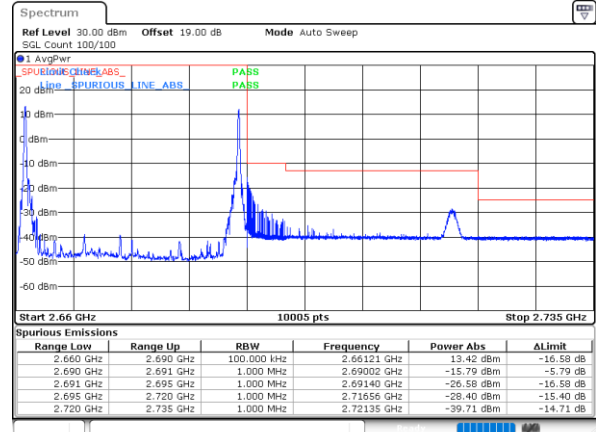
LTE Band 41C / 10MHz+20MHz

64QAM

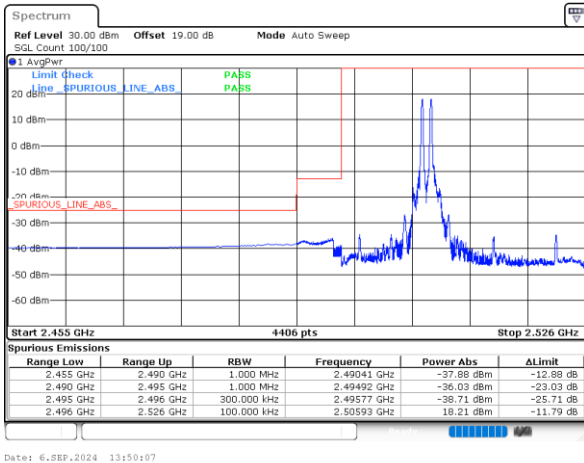
Lowest Band Edge / 1RB0 and 1RB99



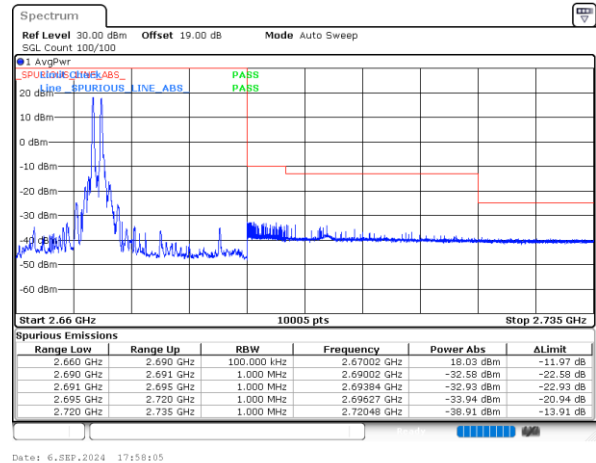
Highest Band Edge / 1RB0 and 1RB99



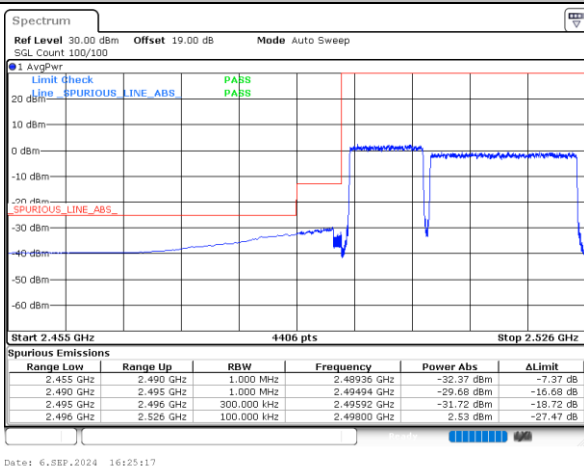
Lowest Band Edge / 1RB49 and 1RB0



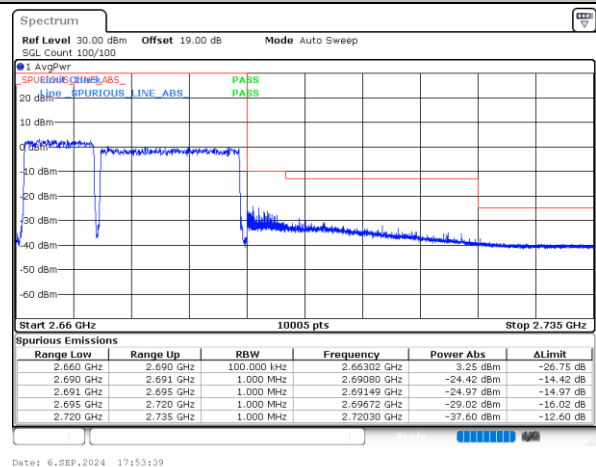
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

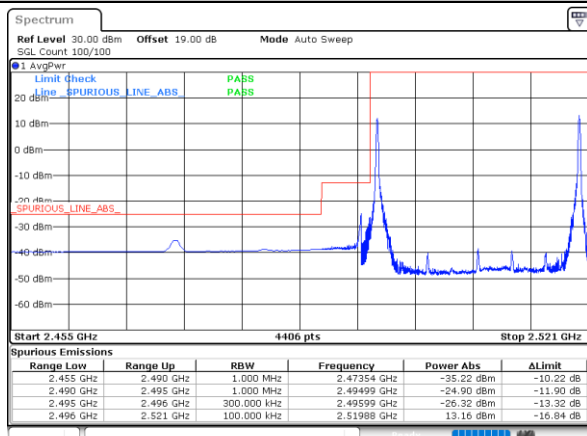




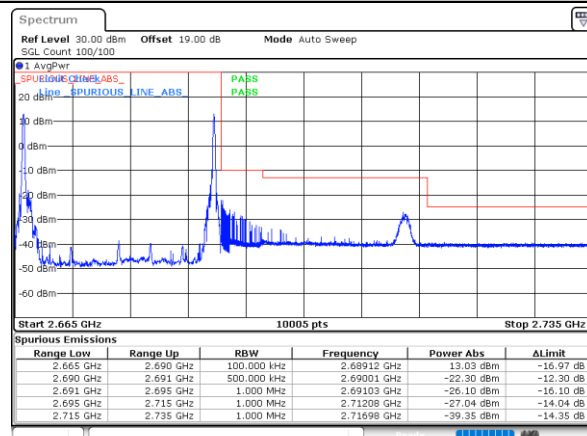
LTE Band 41C / 15MHz+10MHz

64QAM

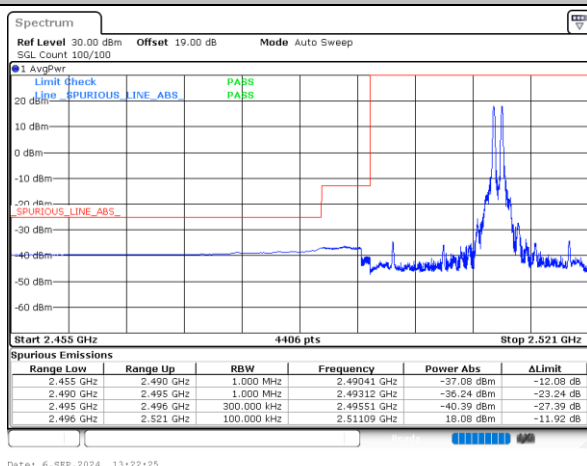
Lowest Band Edge / 1RB0 and 1RB49



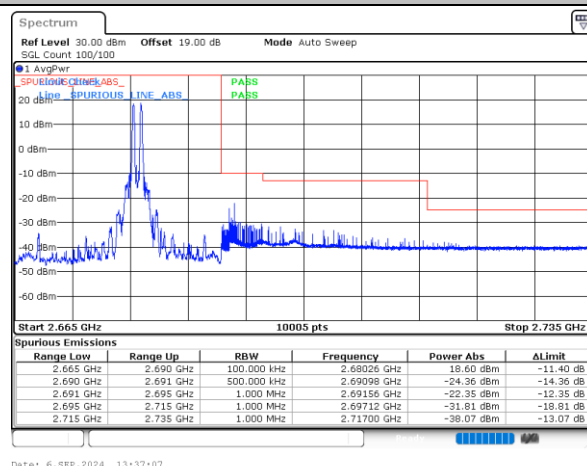
Highest Band Edge / 1RB0 and 1RB49



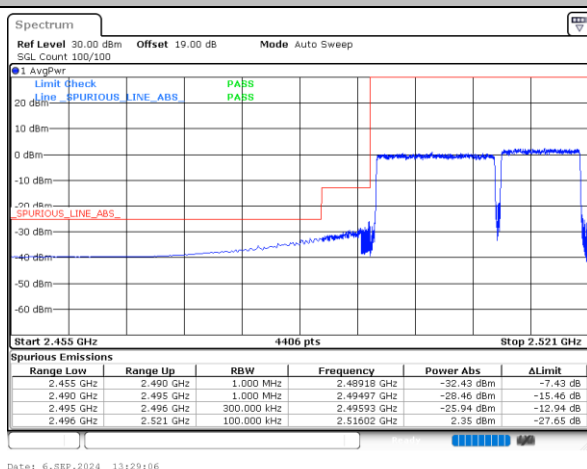
Lowest Band Edge / 1RB74 and 1RB0



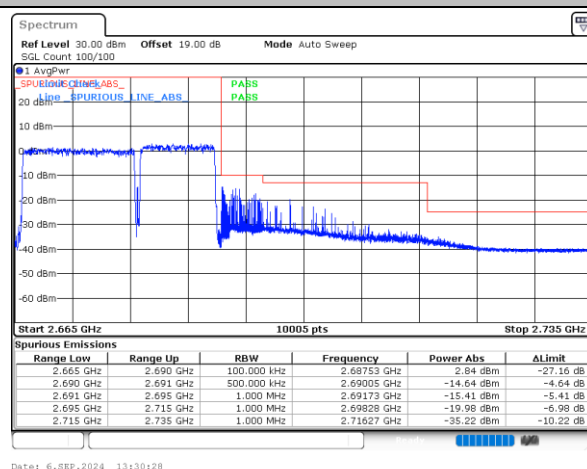
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

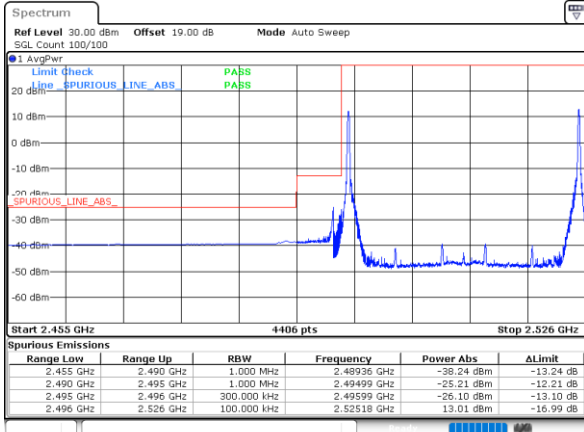




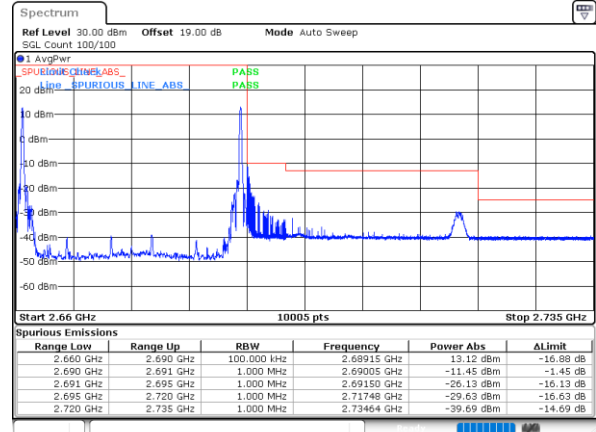
LTE Band 41C / 15MHz+15MHz

64QAM

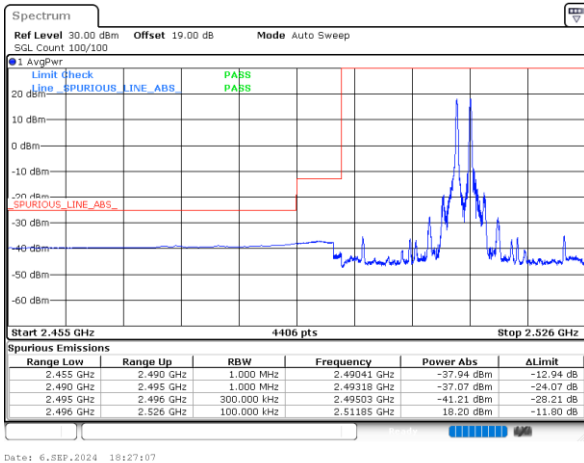
Lowest Band Edge / 1RB0 and 1RB74



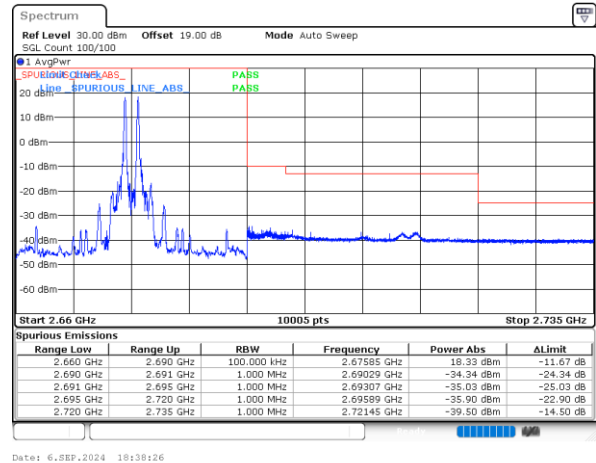
Highest Band Edge / 1RB0 and 1RB74



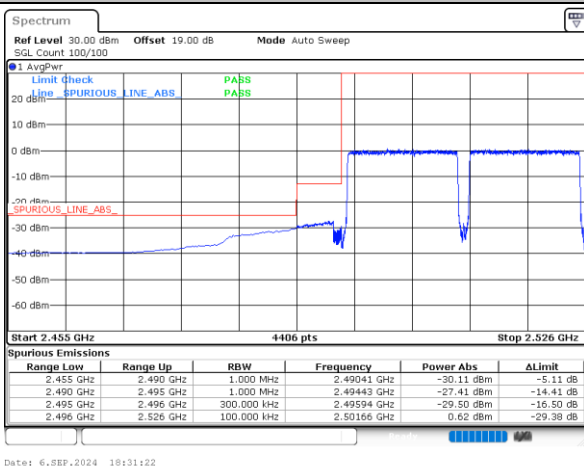
Lowest Band Edge / 1RB74 and 1RB0



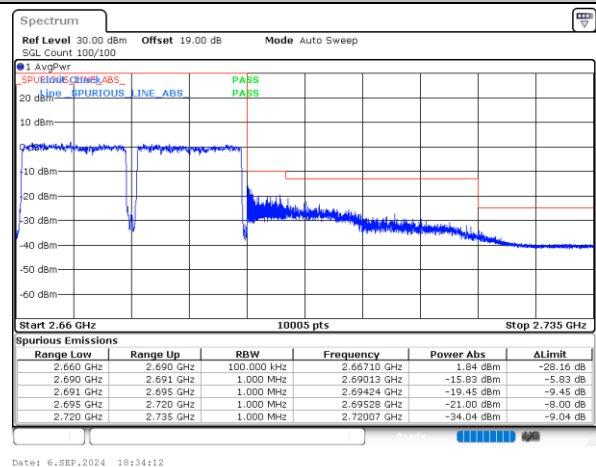
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

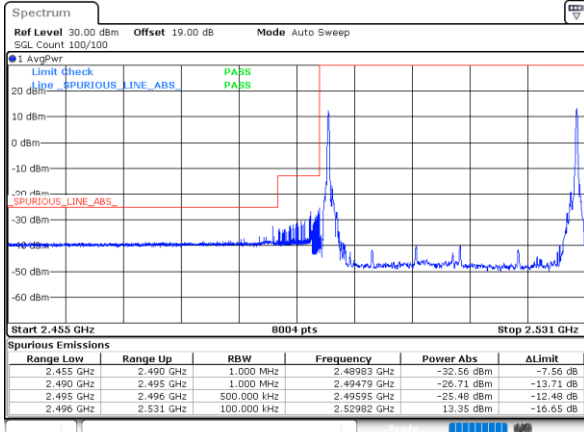




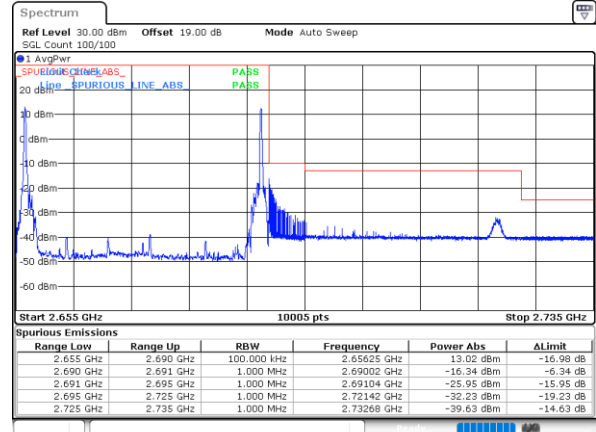
LTE Band 41C / 15MHz+20MHz

64QAM

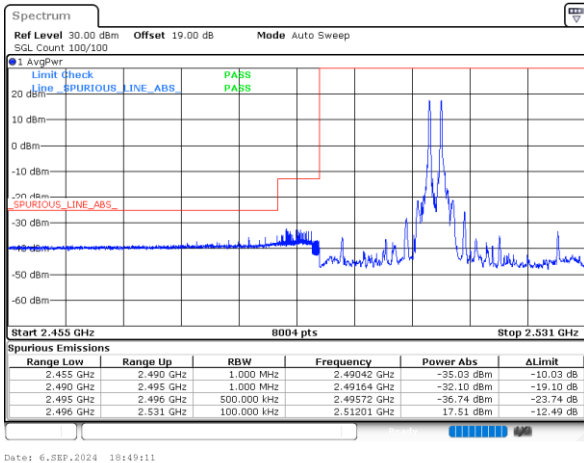
Lowest Band Edge / 1RB0 and 1RB99



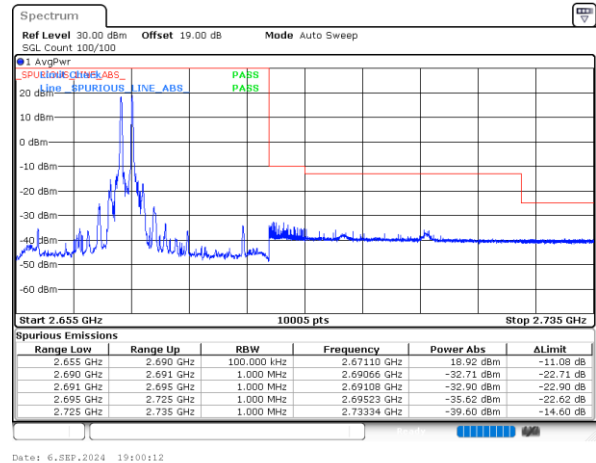
Highest Band Edge / 1RB0 and 1RB99



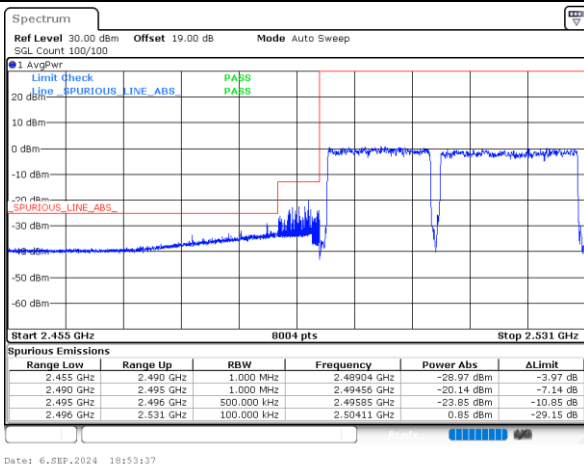
Lowest Band Edge / 1RB74 and 1RB0



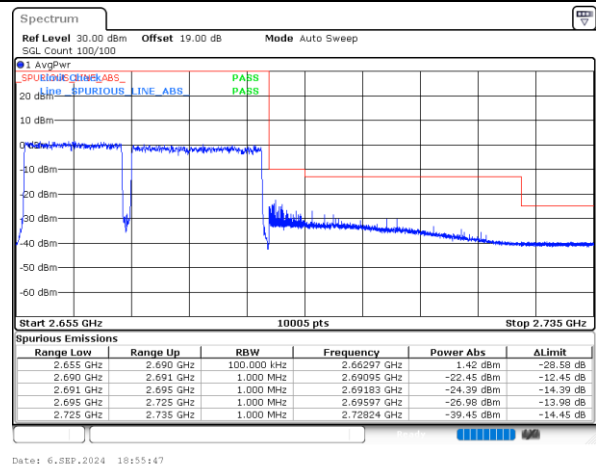
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

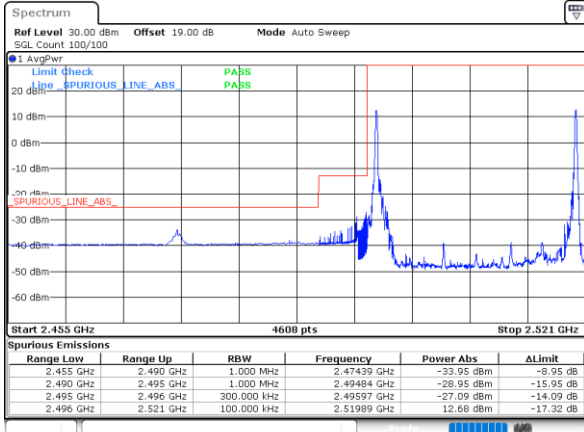




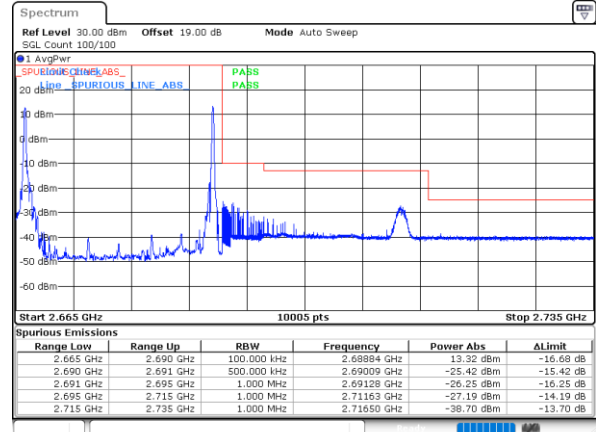
LTE Band 41C / 20MHz+5MHz

64QAM

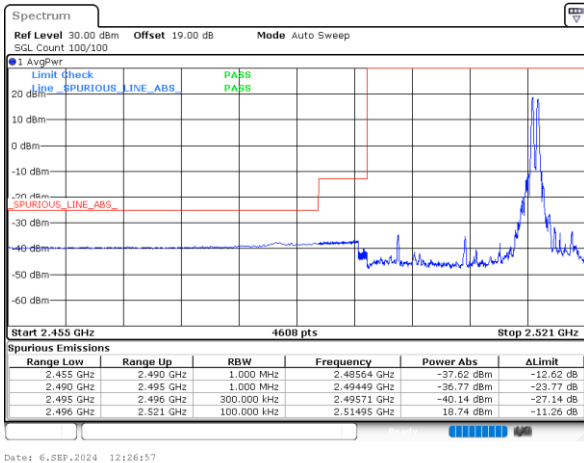
Lowest Band Edge / 1RB0 and 1RB24



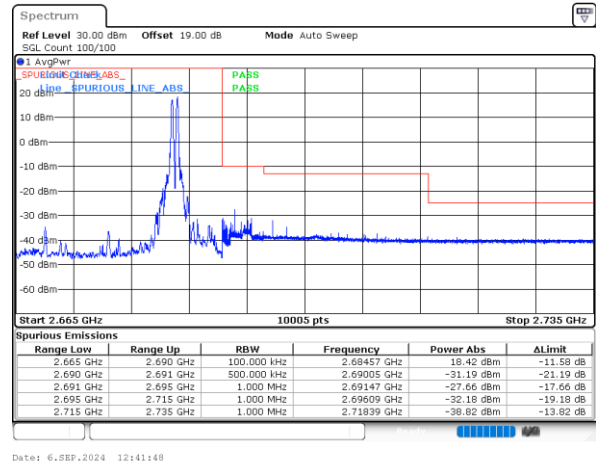
Highest Band Edge / 1RB0 and 1RB24



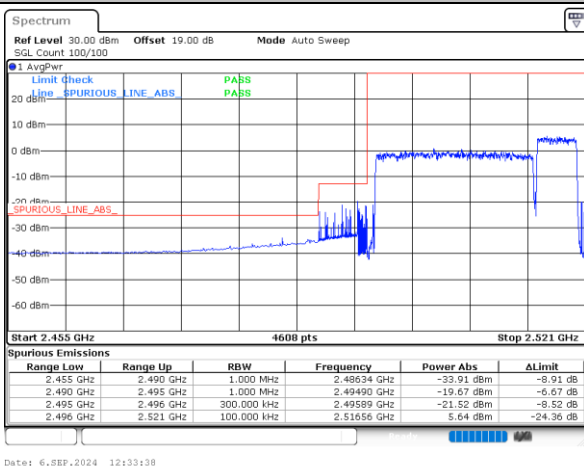
Lowest Band Edge / 1RB99 and 1RB0



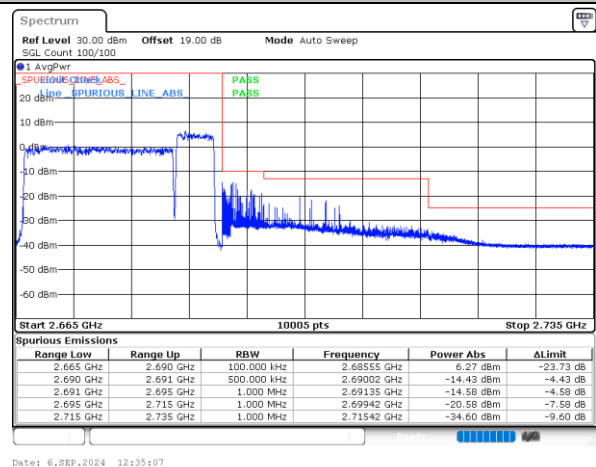
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

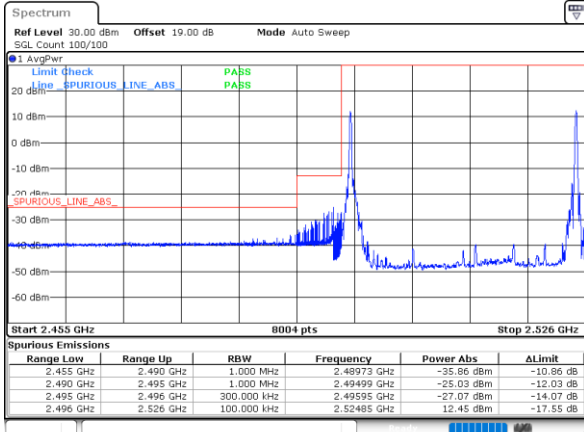




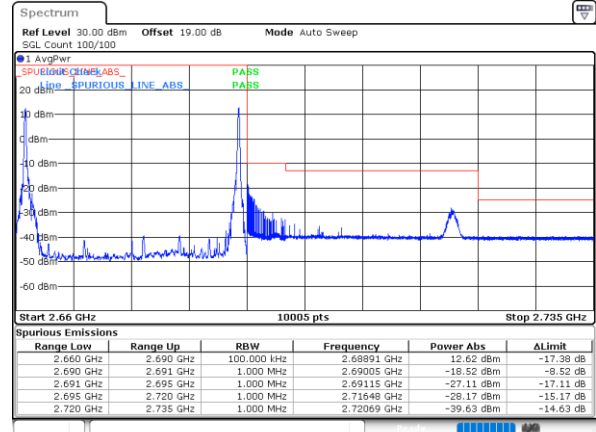
LTE Band 41C / 20MHz+10MHz

64QAM

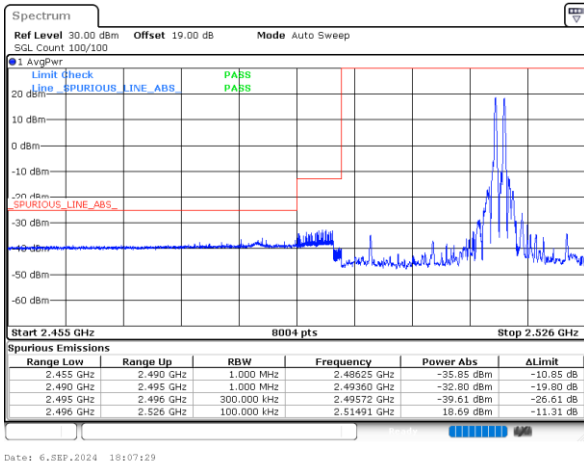
Lowest Band Edge / 1RB0 and 1RB49



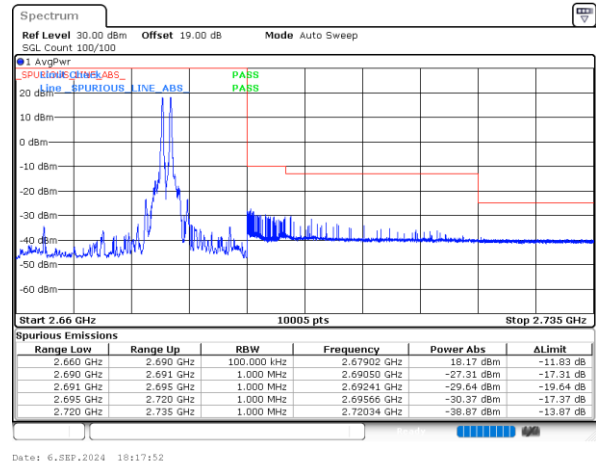
Highest Band Edge / 1RB0 and 1RB49



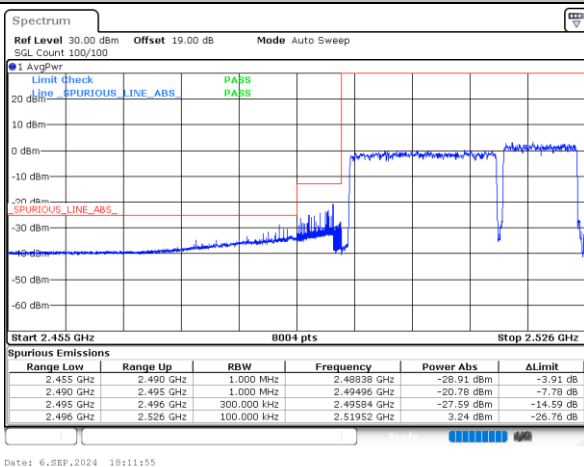
Lowest Band Edge / 1RB99 and 1RB0



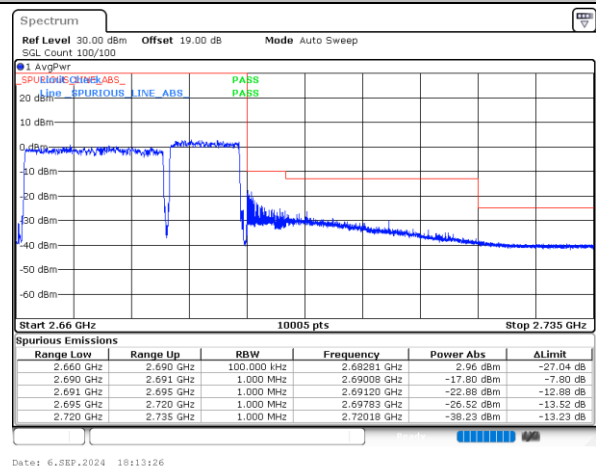
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

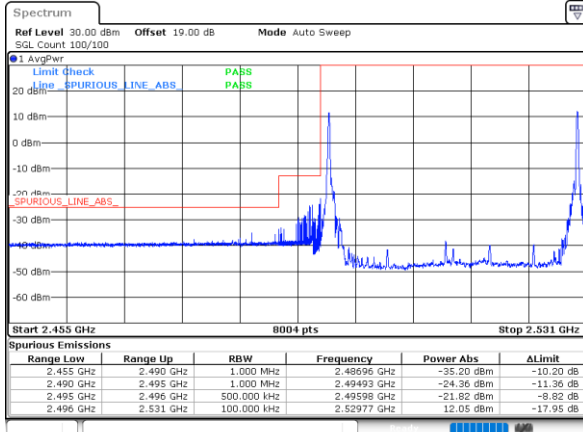




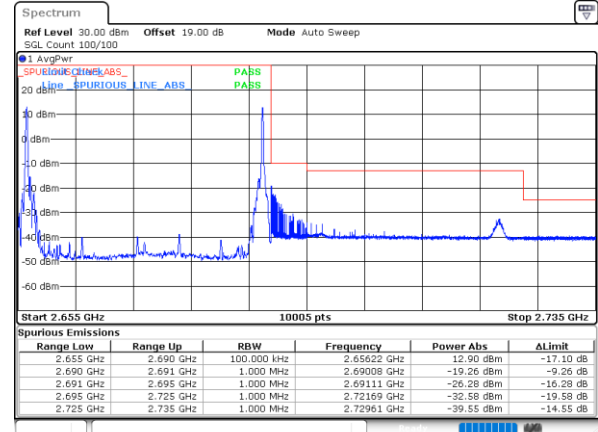
LTE Band 41C / 20MHz+15MHz

64QAM

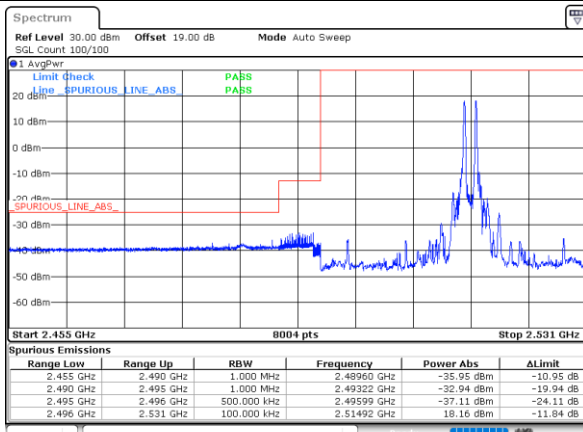
Lowest Band Edge / 1RB0 and 1RB74



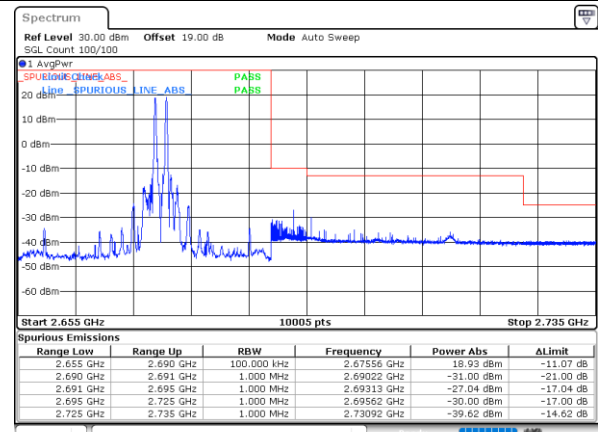
Highest Band Edge / 1RB0 and 1RB74



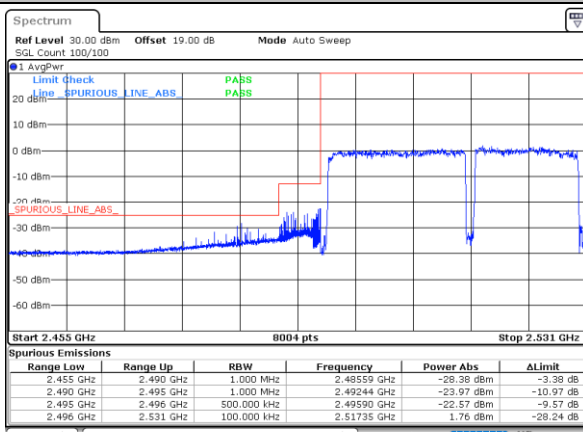
Lowest Band Edge / 1RB99 and 1RB0



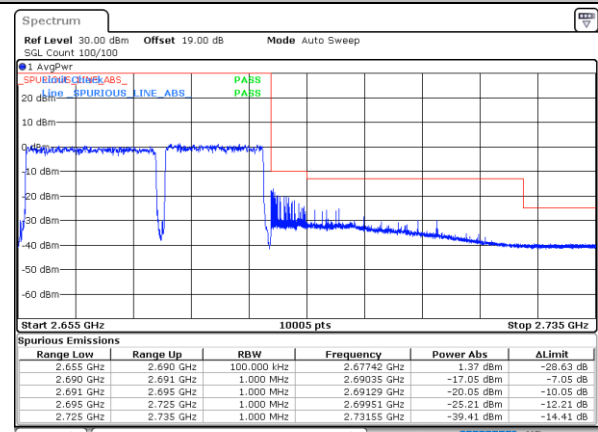
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

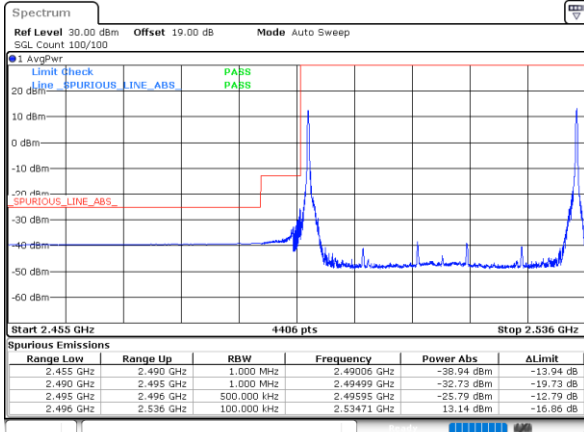




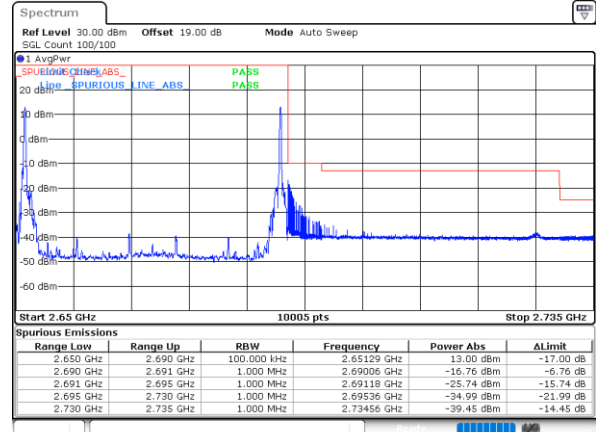
LTE Band 41C / 20MHz+20MHz

64QAM

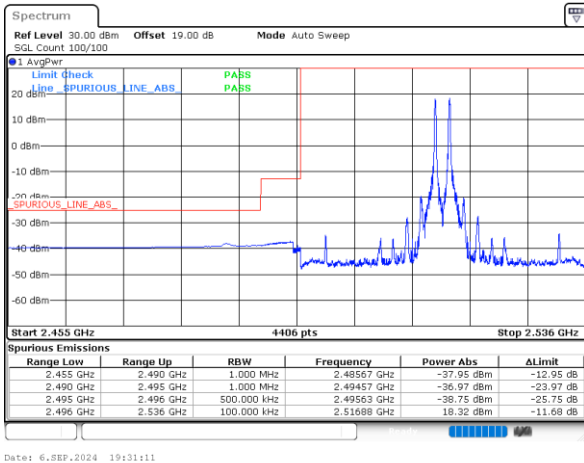
Lowest Band Edge / 1RB0 and 1RB99



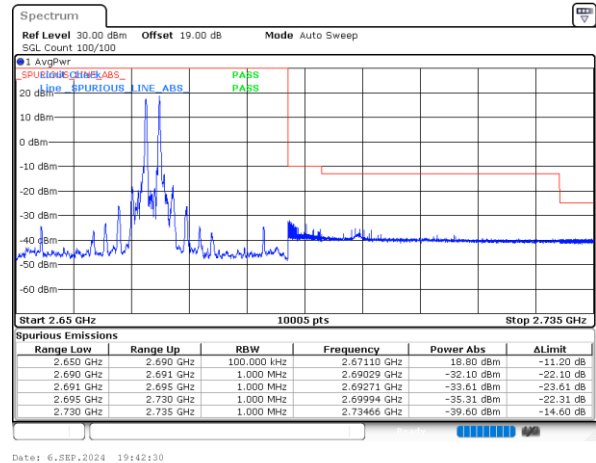
Highest Band Edge / 1RB0 and 1RB99



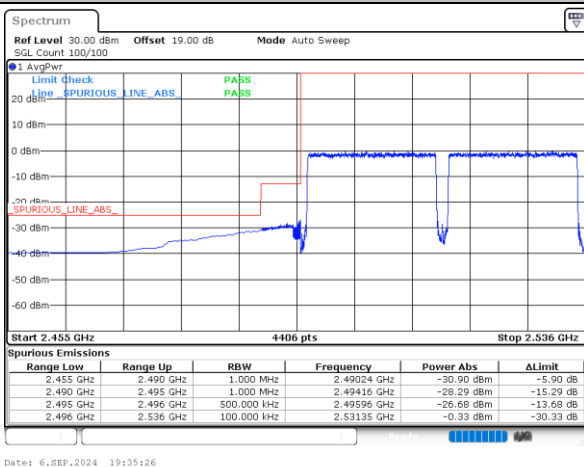
Lowest Band Edge / 1RB99 and 1RB0



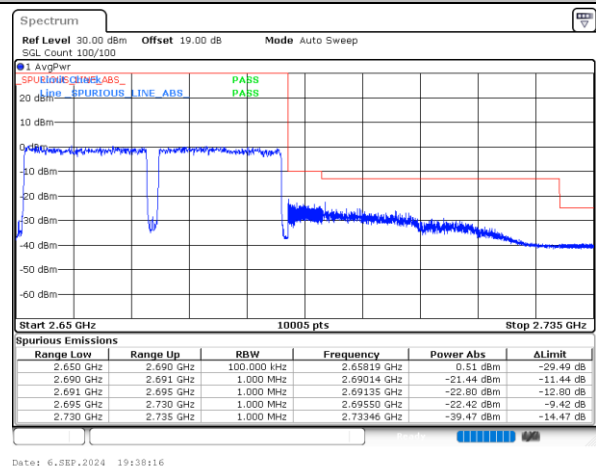
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





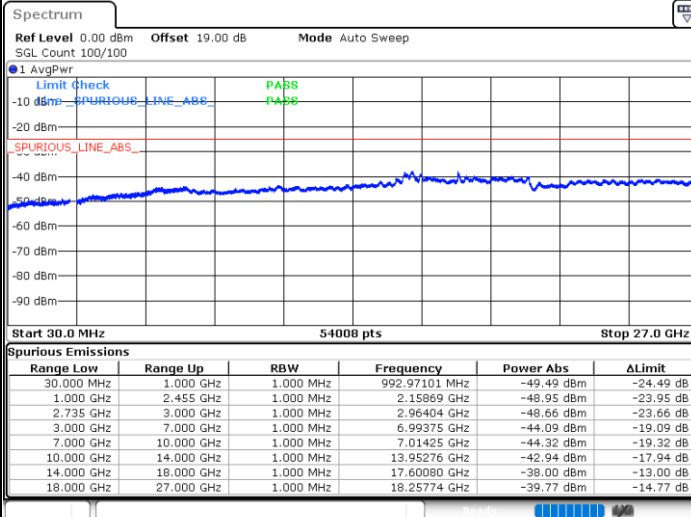
Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

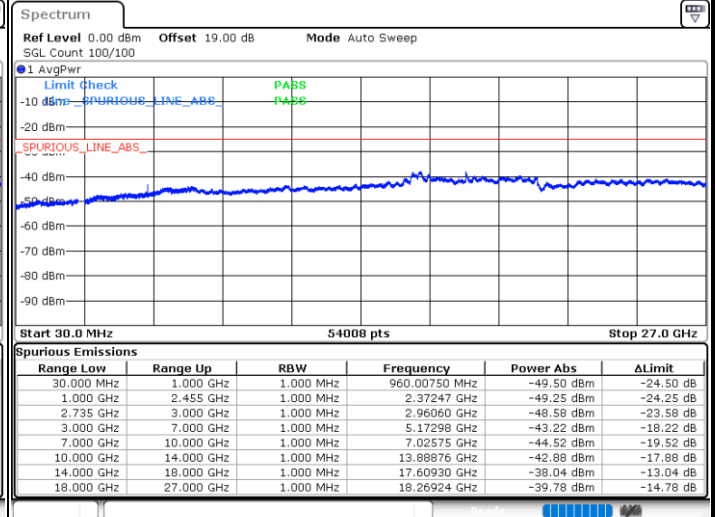
QPSK

Lowest Channel / 1RB24 and 1RB0

Middle Channel / 1RB24 and 1RB0

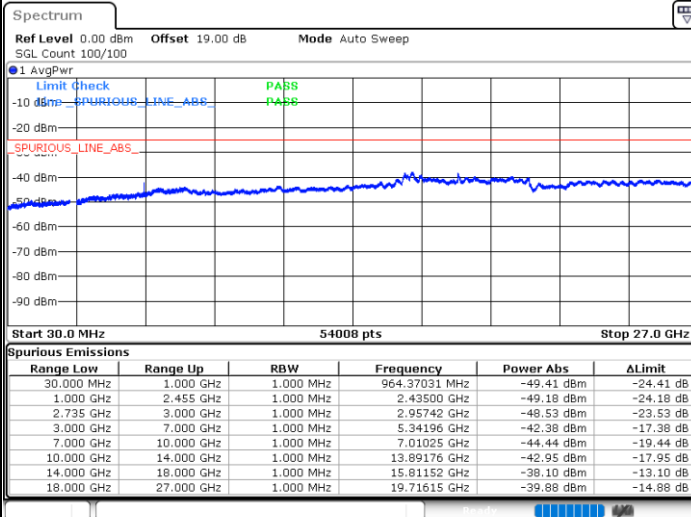


Date: 6.SEP.2024 11:55:52



Date: 6.SEP.2024 11:54:16

Highest Channel / 1RB24 and 1RB0



Date: 6.SEP.2024 12:17:41

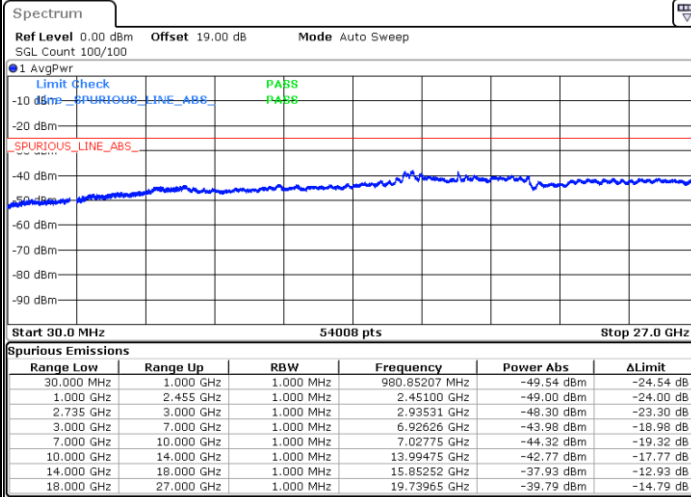


LTE Band 41C / 10MHz+15MHz

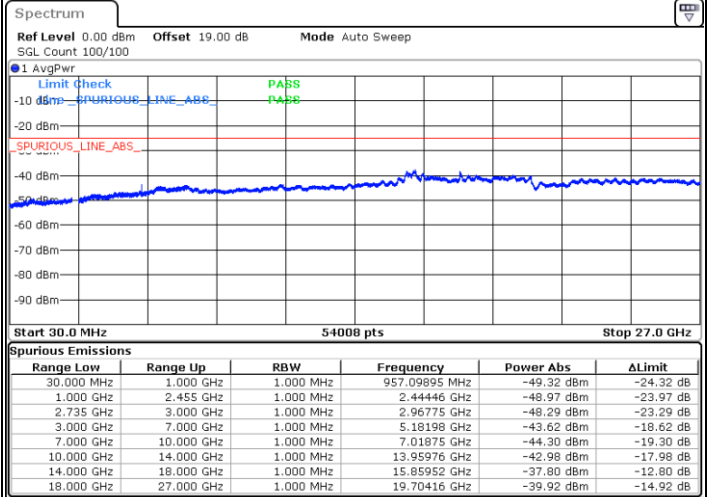
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

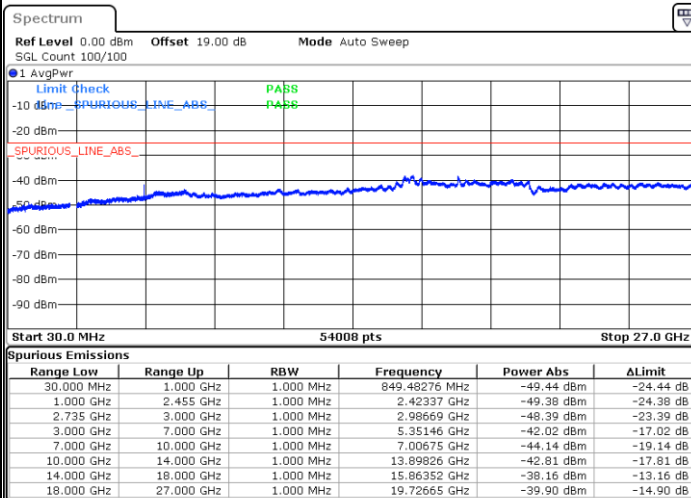


Date: 6.SEP.2024 12:51:22



Date: 6.SEP.2024 12:49:27

Highest Channel / 1RB49 and 1RB0



Date: 6.SEP.2024 13:13:05



LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-49.39 dBm	-24.39 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44737 GHz	-49.17 dBm	-24.17 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97040 GHz	-48.43 dBm	-23.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92726 GHz	-43.96 dBm	-18.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00125 GHz	-44.24 dBm	-19.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90226 GHz	-42.84 dBm	-17.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.85252 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.25024 GHz	-39.91 dBm	-14.91 dB

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-49.52 dBm	-24.52 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.43282 GHz	-49.22 dBm	-24.22 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96987 GHz	-48.42 dBm	-23.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17748 GHz	-43.66 dBm	-18.66 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01725 GHz	-44.27 dBm	-19.27 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88476 GHz	-42.87 dBm	-17.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.85552 GHz	-38.06 dBm	-13.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.74715 GHz	-39.67 dBm	-14.67 dB

Date: 6.SEP.2024 13:46:47

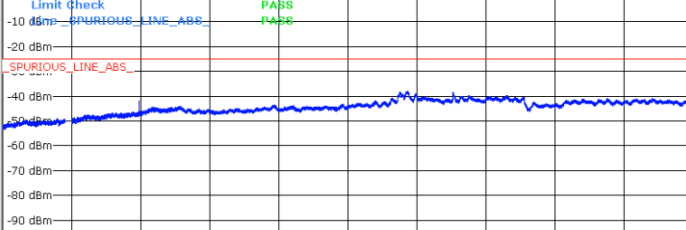
Date: 6.SEP.2024 13:44:59

Highest Channel / 1RB49 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-49.57 dBm	-24.57 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.15942 GHz	-49.09 dBm	-24.09 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97530 GHz	-48.64 dBm	-23.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.34146 GHz	-41.86 dBm	-16.86 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01275 GHz	-44.55 dBm	-19.55 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.90026 GHz	-42.85 dBm	-17.85 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86352 GHz	-38.06 dBm	-13.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.68316 GHz	-39.80 dBm	-14.80 dB

Date: 6.SEP.2024 18:00:47

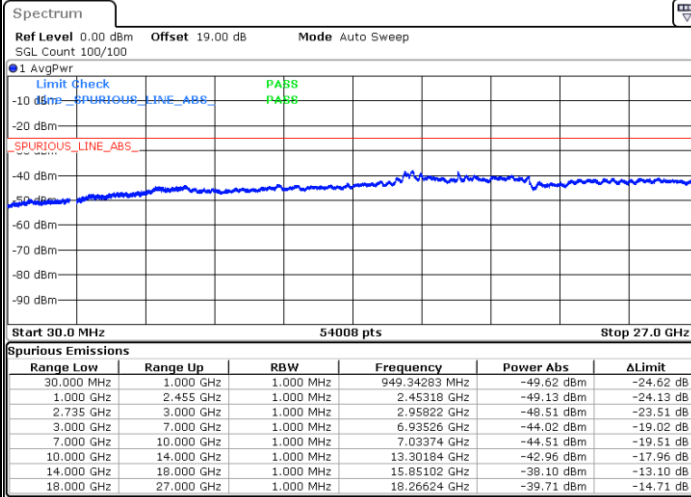


LTE Band 41C / 15MHz+10MHz

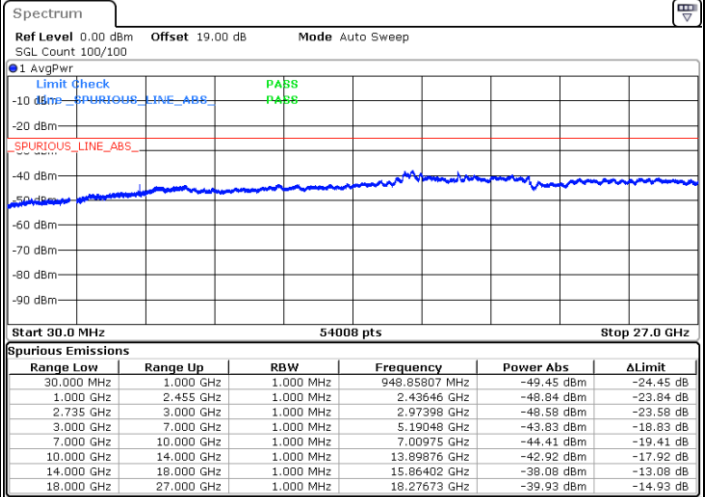
QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

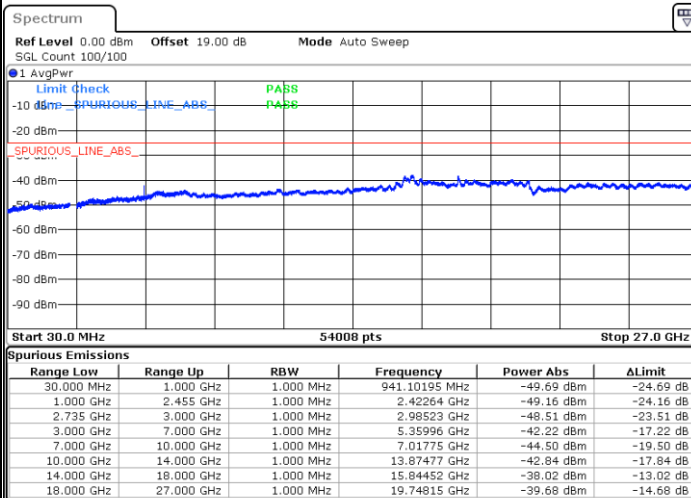


Date: 6.SEP.2024 13:19:06



Date: 6.SEP.2024 13:17:17

Highest Channel / 1RB74 and 1RB0



Date: 6.SEP.2024 13:40:46



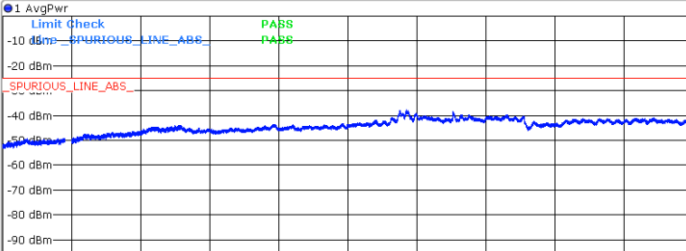
LTE Band 41C / 15MHz+15MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

Spectrum

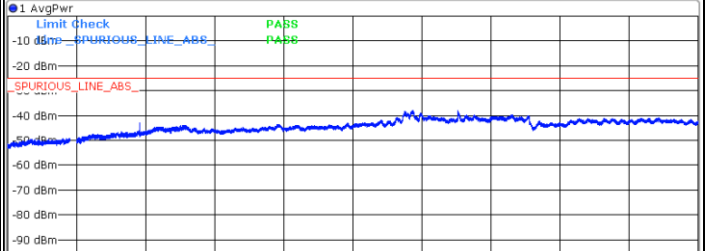
Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	979.88256 MHz	-49.30 dBm	-24.30 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44955 GHz	-49.29 dBm	-24.29 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96418 GHz	-48.56 dBm	-23.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91776 GHz	-44.03 dBm	-19.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.02225 GHz	-44.37 dBm	-19.37 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88126 GHz	-42.87 dBm	-17.87 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.80702 GHz	-37.75 dBm	-12.75 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75865 GHz	-39.74 dBm	-14.74 dB

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

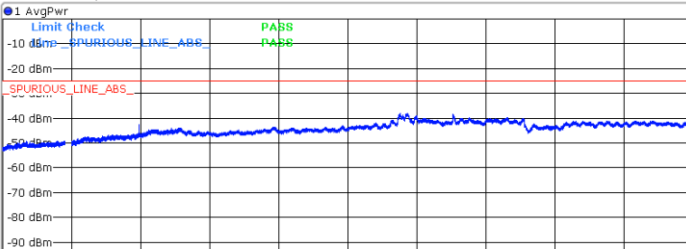
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-49.63 dBm	-24.63 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.45318 GHz	-49.24 dBm	-24.24 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.93729 GHz	-48.51 dBm	-23.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18648 GHz	-43.10 dBm	-18.10 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.02675 GHz	-44.41 dBm	-19.41 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89826 GHz	-43.00 dBm	-18.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.87302 GHz	-37.89 dBm	-12.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.25474 GHz	-39.78 dBm	-14.78 dB

Date: 6.SEP.2024 18:25:00

Date: 6.SEP.2024 18:23:45

Highest Channel / 1RB74 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-49.39 dBm	-24.39 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.43064 GHz	-49.27 dBm	-24.27 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95318 GHz	-48.32 dBm	-23.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.35146 GHz	-42.52 dBm	-17.52 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00025 GHz	-44.37 dBm	-19.37 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.32283 GHz	-42.78 dBm	-17.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.84552 GHz	-38.03 dBm	-13.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.74565 GHz	-39.93 dBm	-14.93 dB

Date: 6.SEP.2024 18:41:02



LTE Band 41C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

Middle Channel / 1RB74 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-49.43 dBm	-24.43 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.43864 GHz	-49.16 dBm	-24.16 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94577 GHz	-48.63 dBm	-23.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93426 GHz	-43.72 dBm	-18.72 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00375 GHz	-44.41 dBm	-19.41 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97925 GHz	-42.84 dBm	-17.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.80102 GHz	-37.98 dBm	-12.98 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75215 GHz	-39.83 dBm	-14.83 dB

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-49.32 dBm	-24.32 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.43719 GHz	-49.06 dBm	-24.06 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.98881 GHz	-48.71 dBm	-23.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18198 GHz	-43.29 dBm	-18.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00475 GHz	-44.29 dBm	-19.29 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.96825 GHz	-42.97 dBm	-17.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.87002 GHz	-37.99 dBm	-12.99 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.70716 GHz	-39.93 dBm	-14.93 dB

Date: 6.SEP.2024 18:46:58

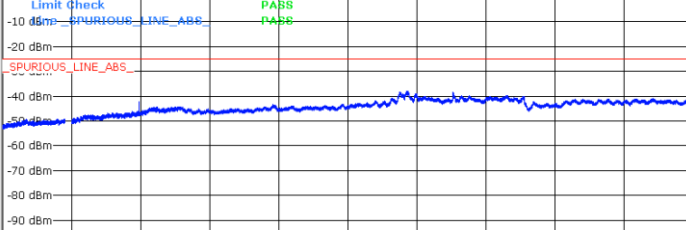
Date: 6.SEP.2024 18:44:18

Highest Channel / 1RB74 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-49.34 dBm	-24.34 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.14706 GHz	-49.18 dBm	-24.18 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94948 GHz	-48.51 dBm	-23.51 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.34096 GHz	-42.22 dBm	-17.22 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.04624 GHz	-44.30 dBm	-19.30 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97125 GHz	-42.86 dBm	-17.86 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.79753 GHz	-38.02 dBm	-13.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75715 GHz	-39.81 dBm	-14.81 dB

Date: 6.SEP.2024 19:02:54



LTE Band 41C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.24838 MHz	-49.67 dBm	-24.67 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44955 GHz	-49.18 dBm	-24.18 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96404 GHz	-48.60 dBm	-23.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91276 GHz	-43.84 dBm	-18.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.01725 GHz	-44.30 dBm	-19.30 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97775 GHz	-42.83 dBm	-17.83 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86252 GHz	-38.00 dBm	-13.00 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.28573 GHz	-39.87 dBm	-14.87 dB

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-49.40 dBm	-24.40 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.45100 GHz	-48.88 dBm	-23.88 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94974 GHz	-48.54 dBm	-23.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.19948 GHz	-43.00 dBm	-18.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00125 GHz	-44.43 dBm	-19.43 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89376 GHz	-43.01 dBm	-18.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.84452 GHz	-38.03 dBm	-13.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.71515 GHz	-39.83 dBm	-14.83 dB

Date: 6.SEP.2024 12:23:36

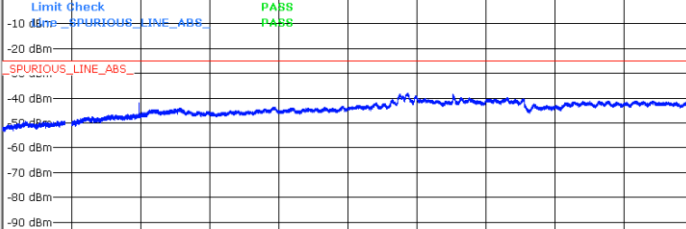
Date: 6.SEP.2024 12:22:00

Highest Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-49.37 dBm	-24.37 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.18923 GHz	-49.17 dBm	-24.17 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97517 GHz	-48.56 dBm	-23.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.36845 GHz	-41.90 dBm	-16.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00325 GHz	-44.32 dBm	-19.32 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92676 GHz	-42.98 dBm	-17.98 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.84902 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.27723 GHz	-39.65 dBm	-14.65 dB

Date: 6.SEP.2024 12:45:27

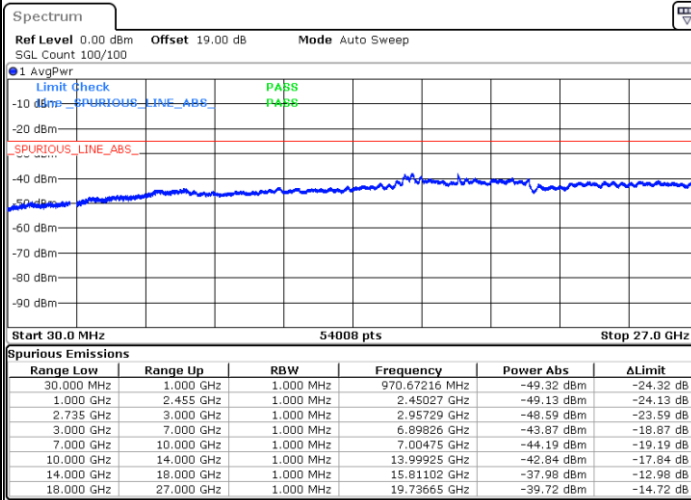


LTE Band 41C / 20MHz+10MHz

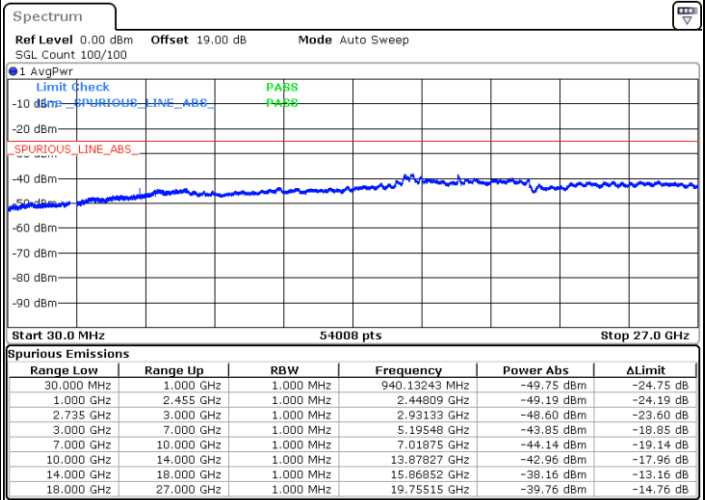
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

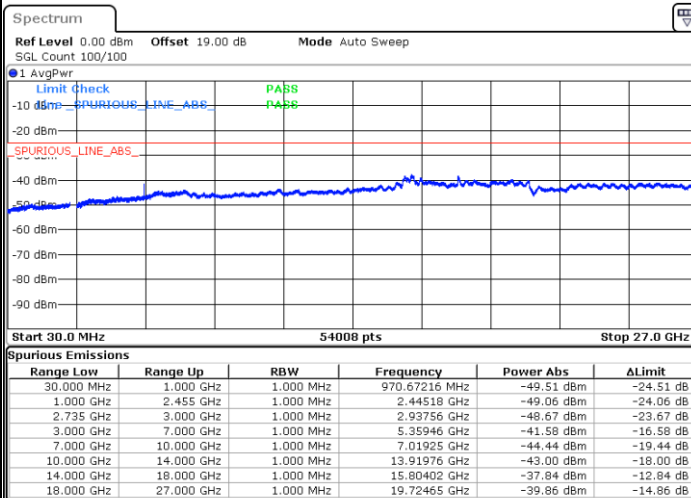


Date: 6.SEP.2024 18:05:16



Date: 6.SEP.2024 18:04:02

Highest Channel / 1RB99 and 1RB0



Date: 6.SEP.2024 18:20:34

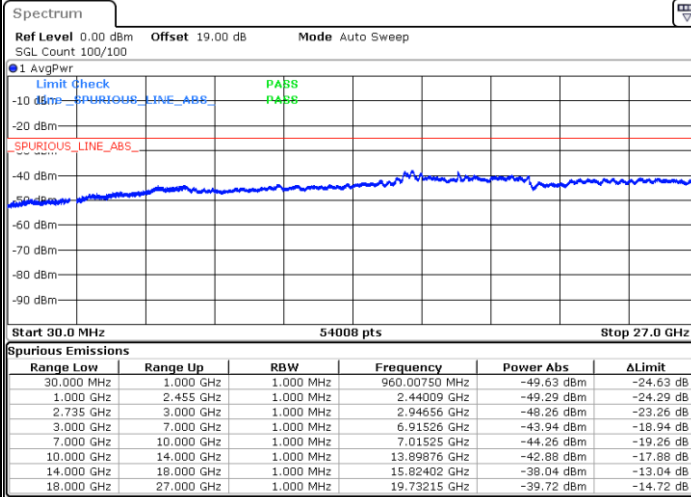


LTE Band 41C / 20MHz+15MHz

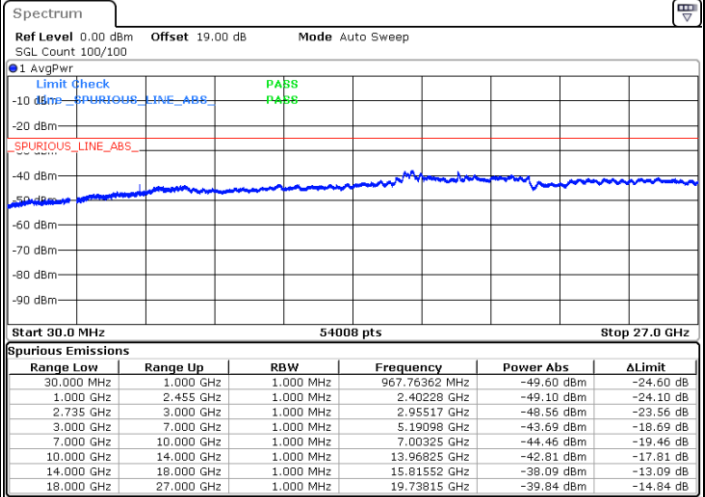
QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

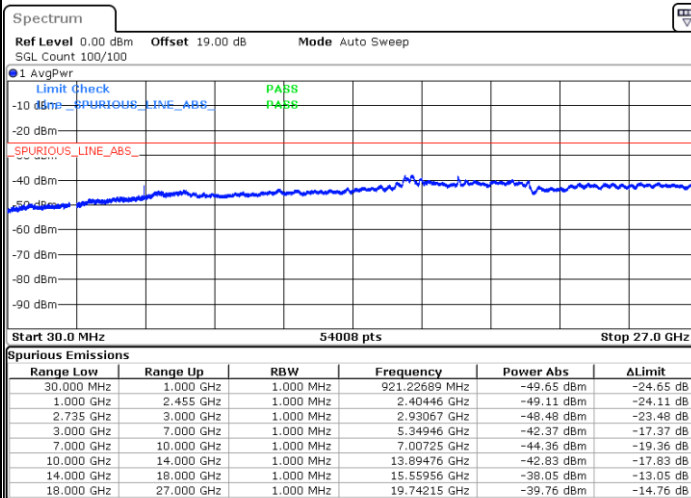


Date: 6.SEP.2024 19:08:48



Date: 6.SEP.2024 19:07:34

Highest Channel / 1RB99 and 1RB0



Date: 6.SEP.2024 19:24:43



LTE Band 41C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

Middle Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	901.35182 MHz	-49.40 dBm	-24.40 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44082 GHz	-49.03 dBm	-24.03 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96828 GHz	-48.48 dBm	-23.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86427 GHz	-43.93 dBm	-18.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00875 GHz	-44.18 dBm	-19.18 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99725 GHz	-42.84 dBm	-17.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86902 GHz	-37.81 dBm	-12.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.74615 GHz	-39.71 dBm	-14.71 dB

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-49.42 dBm	-24.42 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.17760 GHz	-49.20 dBm	-24.20 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94815 GHz	-48.46 dBm	-23.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.18648 GHz	-42.96 dBm	-17.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.02825 GHz	-44.24 dBm	-19.24 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.96775 GHz	-42.67 dBm	-17.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.81402 GHz	-38.14 dBm	-13.14 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.72165 GHz	-39.62 dBm	-14.62 dB

Date: 6.SEP.2024 19:29:04

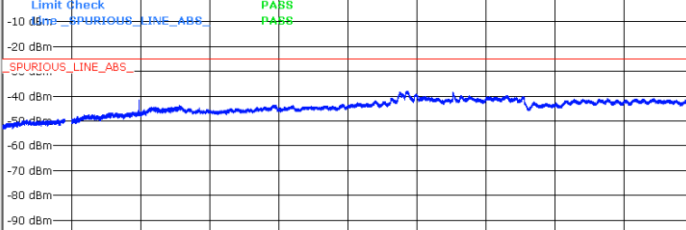
Date: 6.SEP.2024 19:27:52

Highest Channel / 1RB99 and 1RB0

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

1 AvgPwr



Start 30.0 MHz 54008 pts Stop 27.0 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-49.72 dBm	-24.72 dB
1.000 GHz	2.455 GHz	1.000 MHz	2.44082 GHz	-49.34 dBm	-24.34 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95967 GHz	-48.16 dBm	-23.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.34046 GHz	-41.41 dBm	-16.41 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.00275 GHz	-44.33 dBm	-19.33 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89076 GHz	-42.71 dBm	-17.71 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.86802 GHz	-38.05 dBm	-13.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.75665 GHz	-39.61 dBm	-14.61 dB

Date: 6.SEP.2024 19:45:06



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25℃
		Relative Humidity :	48~52%

LTE Band 7 / 20MHz / QPSK / ANT1									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-51.25	-25	-26.25	-73.34	-56.81	7.12	12.68	H
	7503.27	-54.54	-25	-29.54	-81.40	-57.87	8.26	11.59	H
	10004.36	-50.33	-25	-25.33	-81.85	-51.86	10.45	11.98	H
	5002.18	-50.78	-25	-25.78	-72.92	-56.34	7.12	12.68	V
	7503.27	-54.62	-25	-29.62	-81.47	-57.95	8.26	11.59	V
	10004.36	-52.08	-25	-27.08	-81.97	-53.61	10.45	11.98	V
Middle	5052.00	-54.62	-25	-29.62	-76.63	-60.18	7.14	12.70	H
	7578.00	-54.20	-25	-29.20	-80.85	-57.50	8.30	11.60	H
	10104.00	-50.24	-25	-25.24	-81.65	-51.76	10.48	12.00	H
	5052.00	-50.90	-25	-25.90	-73.03	-56.46	7.14	12.70	V
	7578.00	-54.25	-25	-29.25	-80.86	-57.55	8.30	11.60	V
	10104.00	-51.85	-25	-26.85	-81.86	-53.37	10.48	12.00	V
Highest	5102.18	-51.85	-25	-26.85	-73.78	-57.41	7.16	12.72	H
	7653.27	-54.06	-25	-29.06	-80.72	-57.36	8.33	11.63	H
	10204.36	-50.42	-25	-25.42	-81.70	-52.02	10.50	12.10	H
	5102.18	-48.18	-25	-23.18	-70.29	-53.74	7.16	12.72	V
	7653.27	-54.30	-25	-29.30	-80.88	-57.60	8.33	11.63	V
	10204.36	-51.78	-25	-26.78	-81.85	-53.38	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 10MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-65.39	-13	-52.39	-75.98	-68.62	3.98	9.36	H
	2098.5	-64.35	-13	-51.35	-77.38	-67.90	4.85	10.55	H
	2798	-62.28	-13	-49.28	-78.26	-67.21	5.50	12.58	H
	1399	-65.88	-13	-52.88	-76.04	-69.11	3.98	9.36	V
	2098.5	-64.65	-13	-51.65	-77.63	-68.20	4.85	10.55	V
	2798	-62.01	-13	-49.01	-78.18	-66.94	5.50	12.58	V
Middle	1406	-64.98	-13	-51.98	-75.71	-68.23	4.00	9.40	H
	2109	-64.19	-13	-51.19	-77.23	-67.76	4.88	10.60	H
	2812	-62.51	-13	-49.51	-78.53	-67.44	5.52	12.60	H
	1406	-65.81	-13	-52.81	-76.10	-69.06	4.00	9.40	V
	2109	-64.37	-13	-51.37	-77.36	-67.94	4.88	10.60	V
	2812	-62.39	-13	-49.39	-78.60	-67.32	5.52	12.60	V
Highest	1413	-65.16	-13	-52.16	-75.91	-68.33	4.10	9.42	H
	2119.5	-64.10	-13	-51.10	-77.47	-67.68	4.90	10.63	H
	2826	-62.14	-13	-49.14	-78.17	-67.06	5.55	12.62	H
	1413	-65.66	-13	-52.66	-75.97	-68.83	4.10	9.42	V
	2119.5	-64.16	-13	-51.16	-77.49	-67.74	4.90	10.63	V
	2826	-62.27	-13	-49.27	-78.49	-67.19	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 71 / 20MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-65.38	-13	-52.38	-75.28	-68.61	3.98	9.36	H
	1992	-66.03	-13	-53.03	-77.01	-69.58	4.85	10.55	H
	2656	-62.46	-13	-49.46	-77.50	-67.39	5.50	12.58	H
	1328	-65.85	-13	-52.85	-75.39	-69.08	3.98	9.36	V
	1992	-65.81	-13	-52.81	-76.64	-69.36	4.85	10.55	V
	2656	-62.47	-13	-49.47	-77.48	-67.40	5.50	12.58	V
Middle	1348	-64.97	-13	-51.97	-75.05	-68.22	4.00	9.40	H
	2022	-65.70	-13	-52.70	-77.07	-69.27	4.88	10.60	H
	2696	-62.84	-13	-49.84	-78.19	-67.77	5.52	12.60	H
	1348	-65.43	-13	-52.43	-75.14	-68.68	4.00	9.40	V
	2022	-65.57	-13	-52.57	-76.83	-69.14	4.88	10.60	V
	2696	-62.44	-13	-49.44	-77.83	-67.37	5.52	12.60	V
Highest	1358	-65.17	-13	-52.17	-75.40	-68.34	4.10	9.42	H
	2037	-65.62	-13	-52.62	-77.32	-69.20	4.90	10.63	H
	2716	-62.70	-13	-49.70	-78.16	-67.62	5.55	12.62	H
	1358	-65.70	-13	-52.70	-75.54	-68.87	4.10	9.42	V
	2037	-65.68	-13	-52.68	-77.28	-69.26	4.90	10.63	V
	2716	-62.56	-13	-49.56	-78.08	-67.48	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13 / 5MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554.5	-66.13	-13	-53.13	-76.14	-69.36	3.98	9.36	H
	2331.75	-63.13	-13	-50.13	-77.93	-66.68	4.85	10.55	H
	3109	-61.44	-13	-48.44	-78.47	-66.37	5.50	12.58	H
	1554.5	-65.82	-13	-52.82	-75.91	-69.05	3.98	9.36	V
	2331.75	-63.24	-13	-50.24	-78.04	-66.79	4.85	10.55	V
	3109	-61.27	-13	-48.27	-78.36	-66.20	5.50	12.58	V
Middle	1559.5	-66.11	-42.15	-23.96	-76.13	-69.36	4.00	9.40	H
	2339.25	-63.16	-13	-50.16	-77.91	-66.73	4.88	10.60	H
	3119	-61.41	-13	-48.41	-78.54	-66.34	5.52	12.60	H
	1559.5	-66.07	-42.15	-23.92	-76.17	-69.32	4.00	9.40	V
	2339.25	-63.10	-13	-50.10	-77.85	-66.67	4.88	10.60	V
	3119	-61.38	-13	-48.38	-78.55	-66.31	5.52	12.60	V
Highest	1564.5	-66.13	-42.15	-23.98	-76.15	-69.30	4.10	9.42	H
	2346.75	-63.15	-13	-50.15	-77.92	-66.73	4.90	10.63	H
	3129	-61.74	-13	-48.74	-78.87	-66.66	5.55	12.62	H
	1564.5	-66.33	-42.15	-24.18	-76.43	-69.50	4.10	9.42	V
	2346.75	-62.97	-13	-49.97	-77.74	-66.55	4.90	10.63	V
	3129	-61.54	-13	-48.54	-78.71	-66.46	5.55	12.62	V

LTE Band 13 / 10MHz / QPSK / ANT0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-65.79	-42.15	-23.64	-75.81	-69.04	4.00	9.40	H
	2339.25	-63.16	-13	-50.16	-77.91	-66.73	4.88	10.60	H
	3119	-61.50	-13	-48.50	-78.63	-66.43	5.52	12.60	H
	1559.5	-65.97	-42.15	-23.82	-76.07	-69.22	4.00	9.40	V
	2339.25	-62.97	-13	-49.97	-77.72	-66.54	4.88	10.60	V
	3119	-61.40	-13	-48.40	-78.57	-66.33	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 41 / 20MHz / QPSK / ANT1									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994.18	-51.65	-25	-26.65	-73.74	-57.21	7.12	12.68	H
	7491.27	-54.57	-25	-29.57	-81.47	-57.90	8.26	11.59	H
	9988.36	-50.56	-25	-25.56	-82.09	-52.09	10.45	11.98	H
	4994.18	-49.59	-25	-24.59	-71.73	-55.15	7.12	12.68	V
	7491.27	-54.30	-25	-29.30	-81.19	-57.63	8.26	11.59	V
	9988.36	-52.50	-25	-27.50	-82.36	-54.03	10.45	11.98	V
Middle	5168.00	-45.15	-25	-20.15	-66.97	-50.71	7.14	12.70	H
	7752.00	-51.52	-25	-26.52	-78.31	-54.82	8.30	11.60	H
	10336.00	-50.68	-25	-25.68	-81.81	-52.20	10.48	12.00	H
	5168.00	-42.89	-25	-17.89	-64.98	-48.45	7.14	12.70	V
	7752.00	-53.64	-25	-28.64	-80.28	-56.94	8.30	11.60	V
	10336.00	-52.01	-25	-27.01	-82.23	-53.53	10.48	12.00	V
Highest	5342.18	-49.84	-25	-24.84	-71.56	-55.40	7.16	12.72	H
	8013.27	-49.48	-25	-24.48	-77.79	-52.78	8.33	11.63	H
	10684.36	-51.35	-25	-26.35	-82.65	-52.95	10.50	12.10	H
	5342.18	-51.65	-25	-26.65	-73.52	-57.21	7.16	12.72	V
	8013.27	-52.47	-25	-27.47	-80.5	-55.77	8.33	11.63	V
	10684.36	-51.74	-25	-26.74	-82.59	-53.34	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band CA_41C / 20MHz + 20MHz / QPSK / ANT1									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5031.80	-50.44	-25	-25.44	-72.48	-56.00	7.12	12.68	H
	7547.70	-54.68	-25	-29.68	-81.43	-58.01	8.26	11.59	H
	10063.60	-50.32	-25	-25.32	-81.77	-51.85	10.45	11.98	H
	5031.80	-47.46	-25	-22.46	-69.59	-53.02	7.12	12.68	V
	7547.70	-54.99	-25	-29.99	-81.71	-58.32	8.26	11.59	V
	10063.60	-51.94	-25	-26.94	-81.87	-53.47	10.45	11.98	V
Middle	5186.00	-44.40	-25	-19.40	-66.20	-49.96	7.14	12.70	H
	7779.00	-51.97	-25	-26.97	-78.80	-55.27	8.30	11.60	H
	10372.00	-50.59	-25	-25.59	-81.67	-52.11	10.48	12.00	H
	5186.00	-42.99	-25	-17.99	-65.08	-48.55	7.14	12.70	V
	7779.00	-53.24	-25	-28.24	-79.9	-56.54	8.30	11.60	V
	10372.00	-51.80	-25	-26.80	-82.05	-53.32	10.48	12.00	V
Highest	5340.20	-46.80	-25	-21.80	-68.52	-52.36	7.16	12.72	H
	8010.30	-49.17	-25	-24.17	-77.54	-52.47	8.33	11.63	H
	10680.40	-51.11	-25	-26.11	-82.37	-52.71	10.50	12.10	H
	5340.20	-50.88	-25	-25.88	-72.75	-56.44	7.16	12.72	V
	8010.30	-51.76	-25	-26.76	-79.87	-55.06	8.33	11.63	V
	10680.40	-51.23	-25	-26.23	-82.04	-52.83	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.