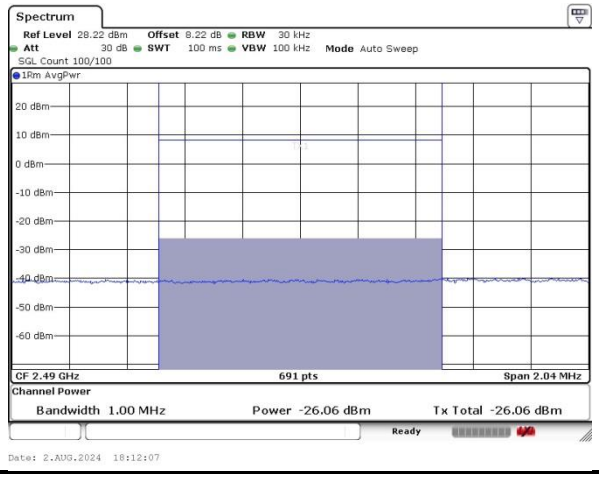
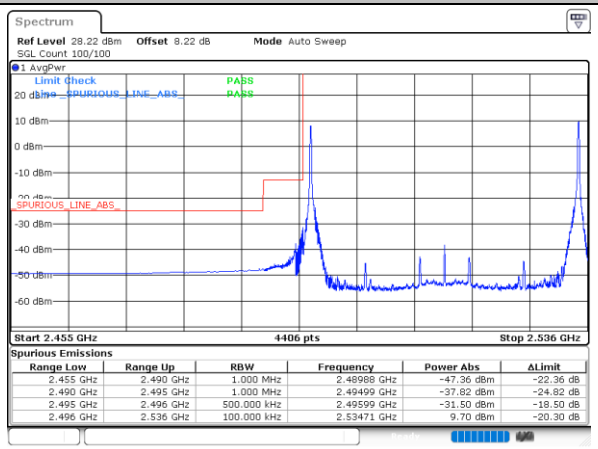

Spectrum
Ref Level 28.22 dBm Offset 8.22 dB RBW 30 kHz
Att 30 dB SWT 100 ms VBW 100 kHz Mode Auto Sweep
SGL Count 100/100
1Rm AvgPwr
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 2.49 GHz
691 pts
Span 2.04 MHz
Channel Power
Bandwidth 1.00 MHz
Power -26.06 dBm
Tx Total -26.06 dBm
Ready
Date: 2.AUG.2024 18:12:07

LTE Band 41C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

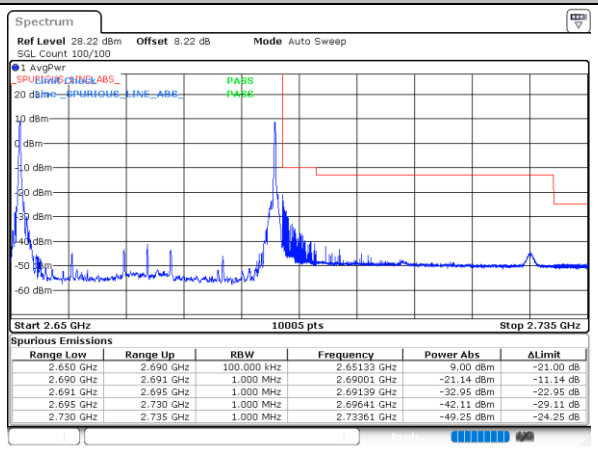


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.455 GHz	2.490 GHz	1.000 MHz	2.48988 GHz	-47.36 dBm	-22.36 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-37.82 dBm	-24.82 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49599 GHz	-31.50 dBm	-18.50 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.53471 GHz	9.70 dBm	-20.30 dB

Date: 2.AUG.2024 16:54:43

Highest Band Edge / 1RB0 and 1RB99

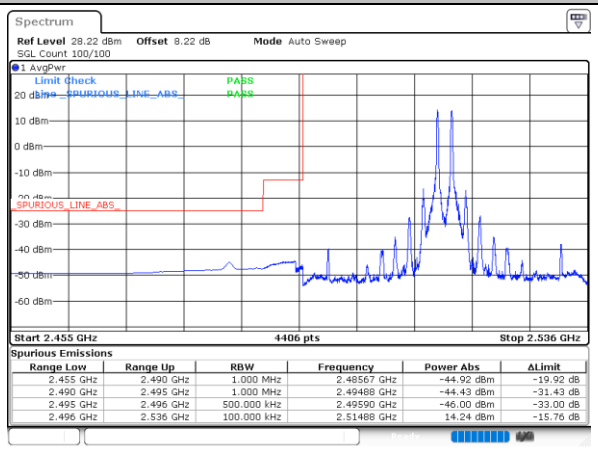


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.65133 GHz	9.00 dBm	-21.00 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz	-21.14 dBm	-11.14 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69139 GHz	-32.95 dBm	-22.95 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69641 GHz	-42.11 dBm	-29.11 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73361 GHz	-49.25 dBm	-24.25 dB

Date: 2.AUG.2024 17:11:38

Lowest Band Edge / 1RB99 and 1RB0

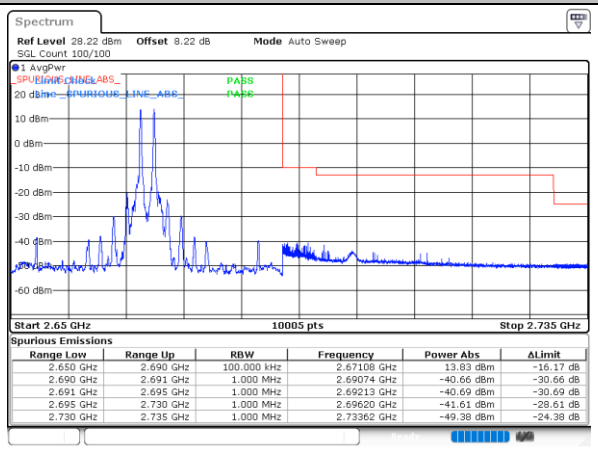


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.455 GHz	2.490 GHz	1.000 MHz	2.48567 GHz	-44.92 dBm	-19.92 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49488 GHz	-44.43 dBm	-31.43 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49590 GHz	-46.00 dBm	-33.00 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.51488 GHz	14.24 dBm	-15.76 dB

Date: 2.AUG.2024 16:50:50

Highest Band Edge / 1RB99 and 1RB0

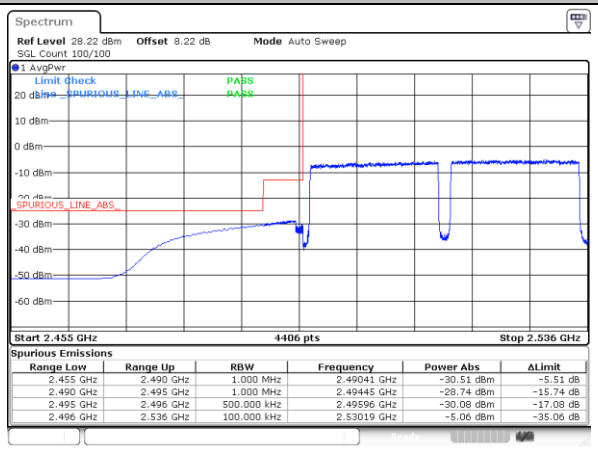


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.67108 GHz	13.83 dBm	-16.17 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69074 GHz	-40.66 dBm	-30.66 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69213 GHz	-40.69 dBm	-30.69 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69620 GHz	-41.61 dBm	-28.61 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73362 GHz	-49.38 dBm	-24.38 dB

Date: 2.AUG.2024 17:07:46

Lowest Band Edge / Full RB

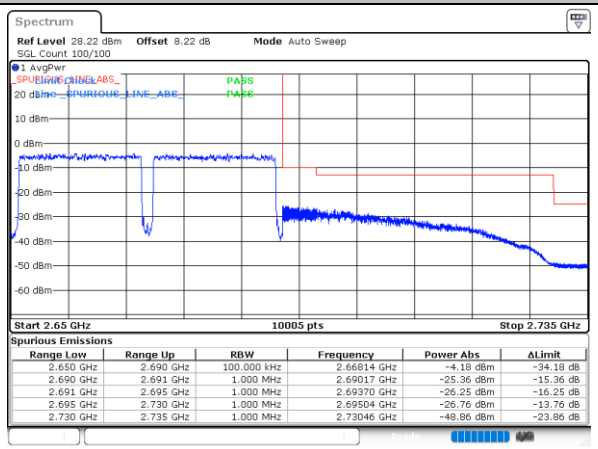


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.455 GHz	2.490 GHz	1.000 MHz	2.49041 GHz	-30.51 dBm	-5.51 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49445 GHz	-28.74 dBm	-15.74 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49596 GHz	-30.08 dBm	-17.08 dB
2.496 GHz	2.536 GHz	100.000 kHz	2.53019 GHz	-5.06 dBm	-35.06 dB

Date: 5.AUG.2024 20:08:27

Highest Band Edge / Full RB



Spurious Emissions

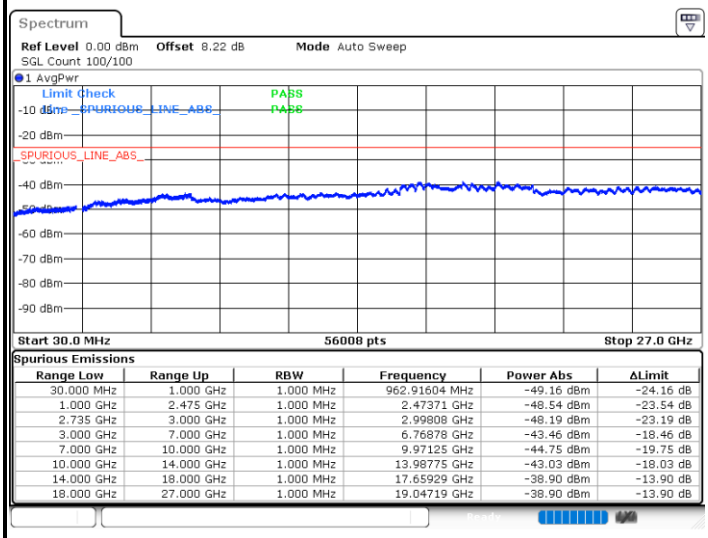
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.650 GHz	2.690 GHz	100.000 kHz	2.66814 GHz	-4.18 dBm	-34.18 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69017 GHz	-25.36 dBm	-15.36 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69370 GHz	-26.25 dBm	-16.25 dB
2.695 GHz	2.730 GHz	1.000 MHz	2.69504 GHz	-26.76 dBm	-13.76 dB
2.730 GHz	2.735 GHz	1.000 MHz	2.73046 GHz	-48.86 dBm	-23.86 dB

Date: 2.AUG.2024 17:15:31

Conducted Spurious Emission

LTE Band 41C / 5MHz+20MHz

Lowest Channel / QPSK

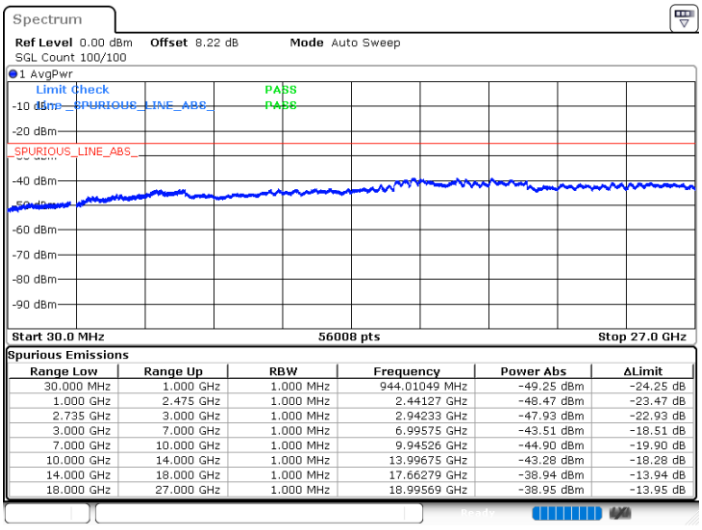


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-49.16 dBm	-24.16 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47371 GHz	-48.54 dBm	-23.54 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99808 GHz	-48.19 dBm	-23.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76878 GHz	-43.46 dBm	-18.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97125 GHz	-44.75 dBm	-19.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98775 GHz	-43.03 dBm	-18.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65929 GHz	-38.90 dBm	-13.90 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.04719 GHz	-38.90 dBm	-13.90 dB

Date: 2.AUG.2024 11:47:03

Middle Channel / QPSK

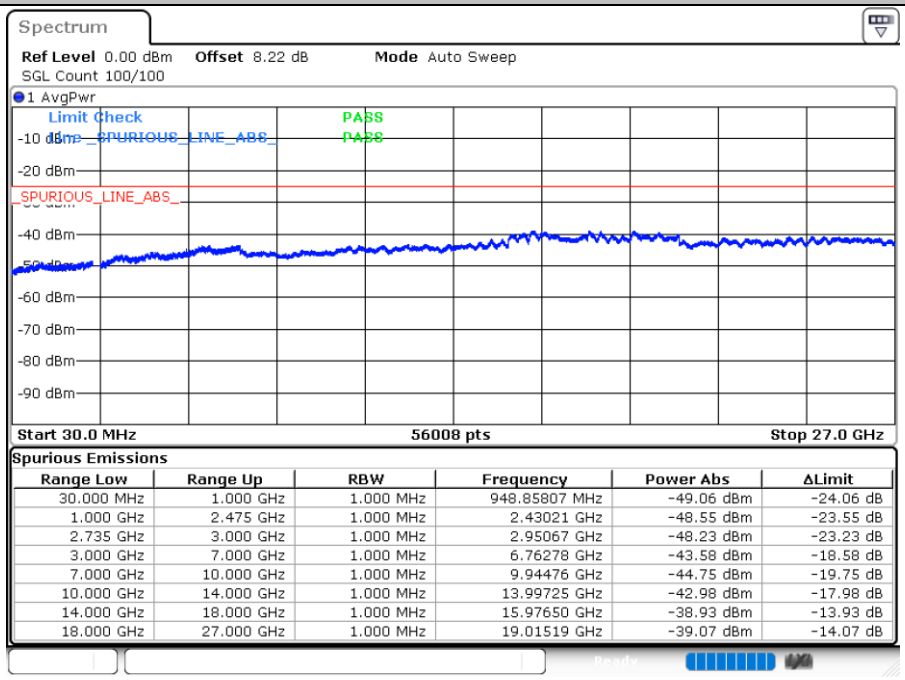


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.01049 MHz	-49.25 dBm	-24.25 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44127 GHz	-48.47 dBm	-23.47 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.94233 GHz	-47.93 dBm	-22.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99575 GHz	-43.51 dBm	-18.51 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94526 GHz	-44.90 dBm	-19.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99675 GHz	-43.28 dBm	-18.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66279 GHz	-38.94 dBm	-13.94 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.99569 GHz	-38.95 dBm	-13.95 dB

Date: 2.AUG.2024 12:00:43

Highest Channel / QPSK



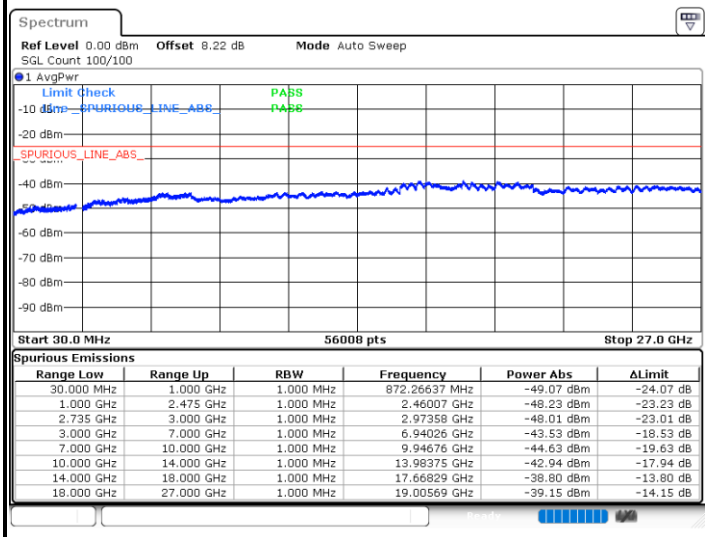
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-49.06 dBm	-24.06 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43021 GHz	-48.55 dBm	-23.55 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95067 GHz	-48.23 dBm	-23.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76278 GHz	-43.58 dBm	-18.58 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94476 GHz	-44.75 dBm	-19.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99725 GHz	-42.98 dBm	-17.98 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.97650 GHz	-38.93 dBm	-13.93 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.01519 GHz	-39.07 dBm	-14.07 dB

Date: 2.AUG.2024 12:04:30

LTE Band 41C / 10MHz+15MHz

Lowest Channel / QPSK

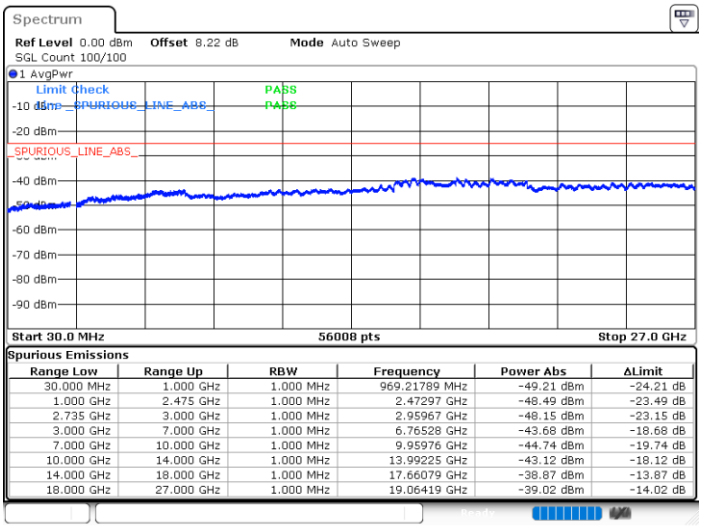


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	872.26637 MHz	-49.07 dBm	-24.07 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46007 GHz	-48.23 dBm	-23.23 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97358 GHz	-48.01 dBm	-23.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94026 GHz	-43.53 dBm	-18.53 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94676 GHz	-44.63 dBm	-19.63 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98375 GHz	-42.94 dBm	-17.94 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66829 GHz	-38.80 dBm	-13.80 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00569 GHz	-39.15 dBm	-14.15 dB

Date: 2.AUG.2024 12:18:24

Middle Channel / QPSK

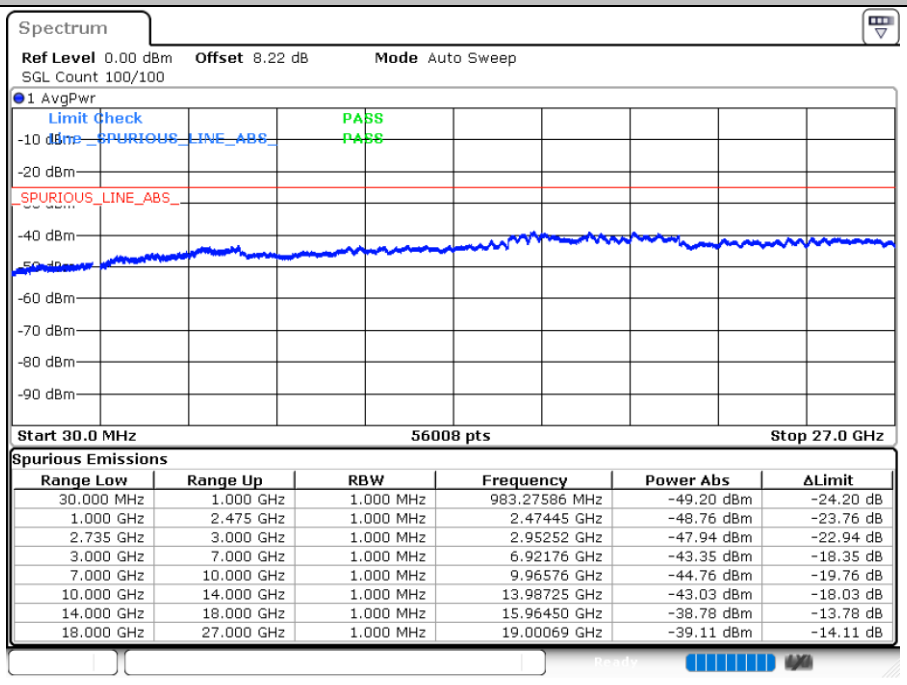


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-49.21 dBm	-24.21 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47297 GHz	-48.49 dBm	-23.49 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95967 GHz	-48.15 dBm	-23.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76528 GHz	-43.68 dBm	-18.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95976 GHz	-44.74 dBm	-19.74 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99225 GHz	-43.12 dBm	-18.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66079 GHz	-38.87 dBm	-13.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.06419 GHz	-39.02 dBm	-14.02 dB

Date: 2.AUG.2024 12:32:07

Highest Channel / QPSK



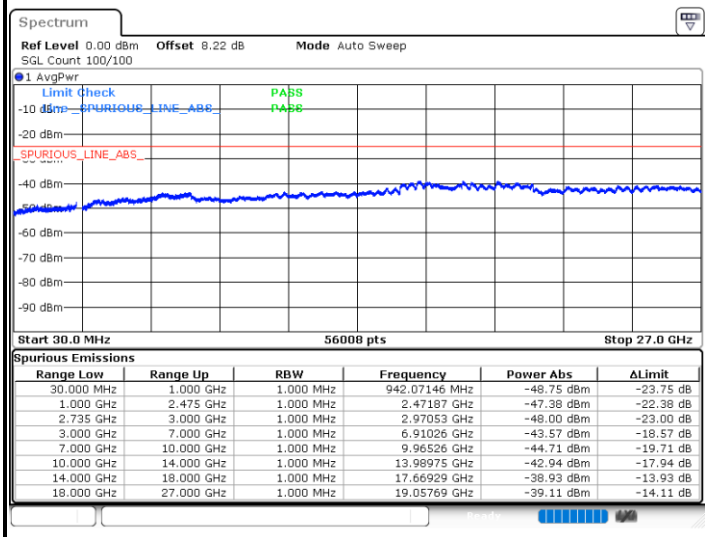
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-49.20 dBm	-24.20 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47445 GHz	-48.76 dBm	-23.76 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95252 GHz	-47.94 dBm	-22.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92176 GHz	-43.35 dBm	-18.35 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96576 GHz	-44.76 dBm	-19.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98725 GHz	-43.03 dBm	-18.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.96450 GHz	-38.78 dBm	-13.78 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00069 GHz	-39.11 dBm	-14.11 dB

Date: 2.AUG.2024 12:35:54

LTE Band 41C / 10MHz+20MHz

Lowest Channel / QPSK

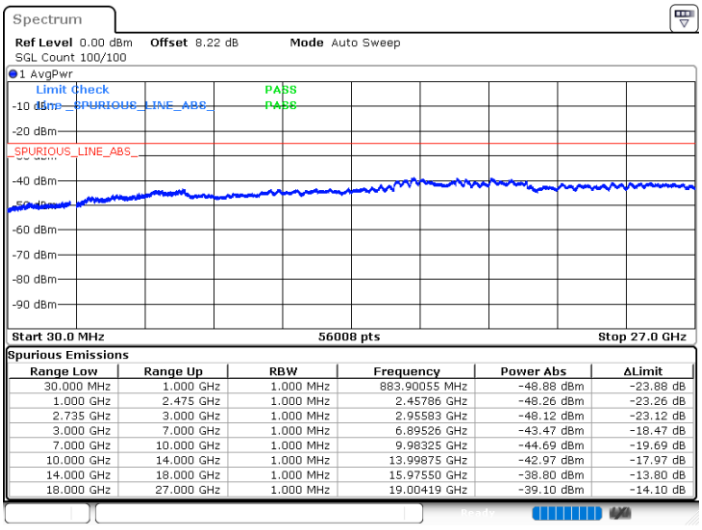


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	942.07146 MHz	-48.75 dBm	-23.75 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47187 GHz	-47.38 dBm	-22.38 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97053 GHz	-48.00 dBm	-23.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91026 GHz	-43.57 dBm	-18.57 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96526 GHz	-44.71 dBm	-19.71 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98975 GHz	-42.94 dBm	-17.94 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66929 GHz	-38.93 dBm	-13.93 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.05769 GHz	-39.11 dBm	-14.11 dB

Date: 2.AUG.2024 12:49:42

Middle Channel / QPSK

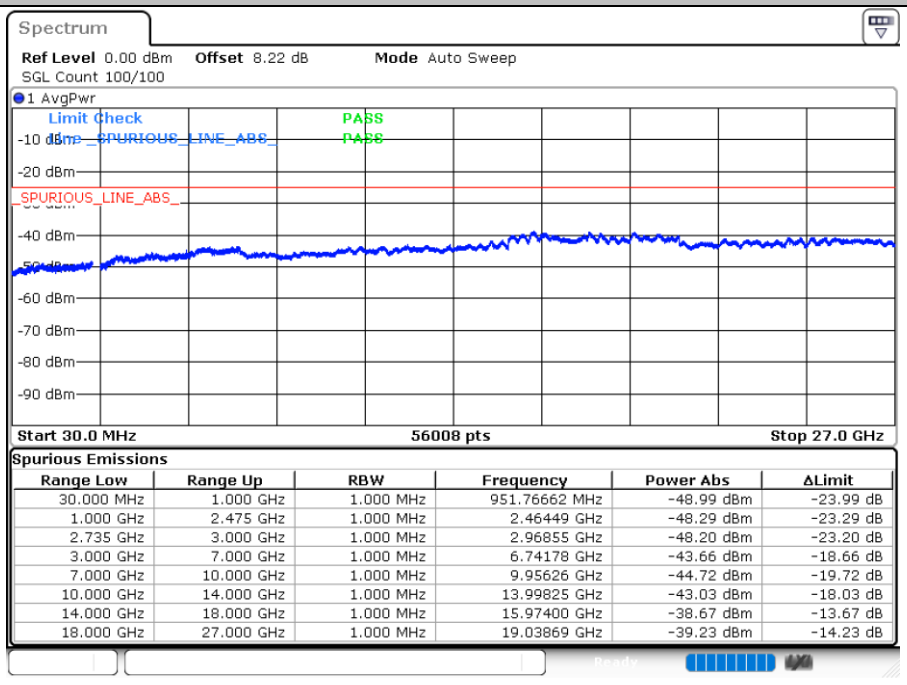


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.90055 MHz	-48.88 dBm	-23.88 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45786 GHz	-48.26 dBm	-23.26 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95583 GHz	-48.12 dBm	-23.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89526 GHz	-43.47 dBm	-18.47 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98325 GHz	-44.69 dBm	-19.69 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99875 GHz	-42.97 dBm	-17.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.97550 GHz	-38.80 dBm	-13.80 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00419 GHz	-39.10 dBm	-14.10 dB

Date: 2.AUG.2024 13:03:26

Highest Channel / QPSK



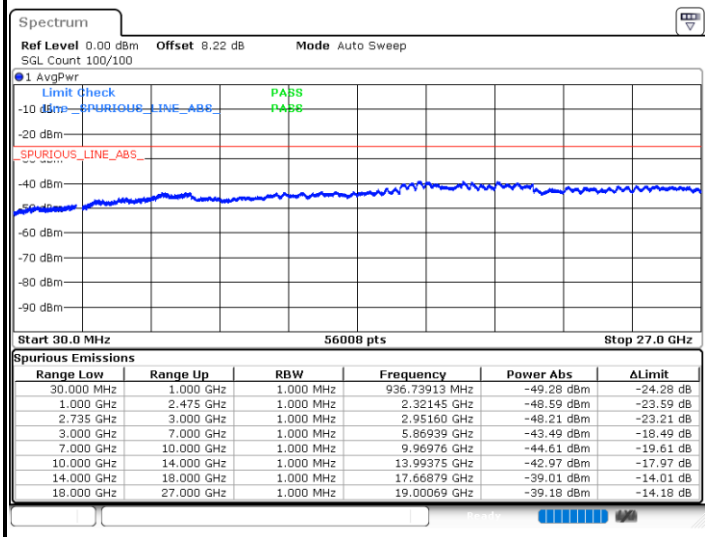
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.76662 MHz	-48.99 dBm	-23.99 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46449 GHz	-48.29 dBm	-23.29 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96855 GHz	-48.20 dBm	-23.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.74178 GHz	-43.66 dBm	-18.66 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95626 GHz	-44.72 dBm	-19.72 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99825 GHz	-43.03 dBm	-18.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.97400 GHz	-38.67 dBm	-13.67 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.03869 GHz	-39.23 dBm	-14.23 dB

Date: 2.AUG.2024 13:07:00

LTE Band 41C / 15MHz+10MHz

Lowest Channel / QPSK

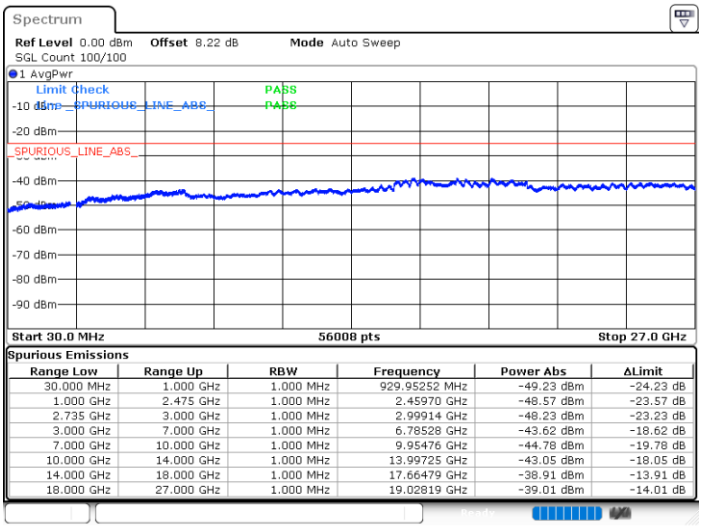


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-49.28 dBm	-24.28 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.32145 GHz	-48.59 dBm	-23.59 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95160 GHz	-48.21 dBm	-23.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.86939 GHz	-43.49 dBm	-18.49 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96976 GHz	-44.61 dBm	-19.61 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99375 GHz	-42.97 dBm	-17.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66879 GHz	-39.01 dBm	-14.01 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00069 GHz	-39.18 dBm	-14.18 dB

Date: 2.AUG.2024 13:20:51

Middle Channel / QPSK

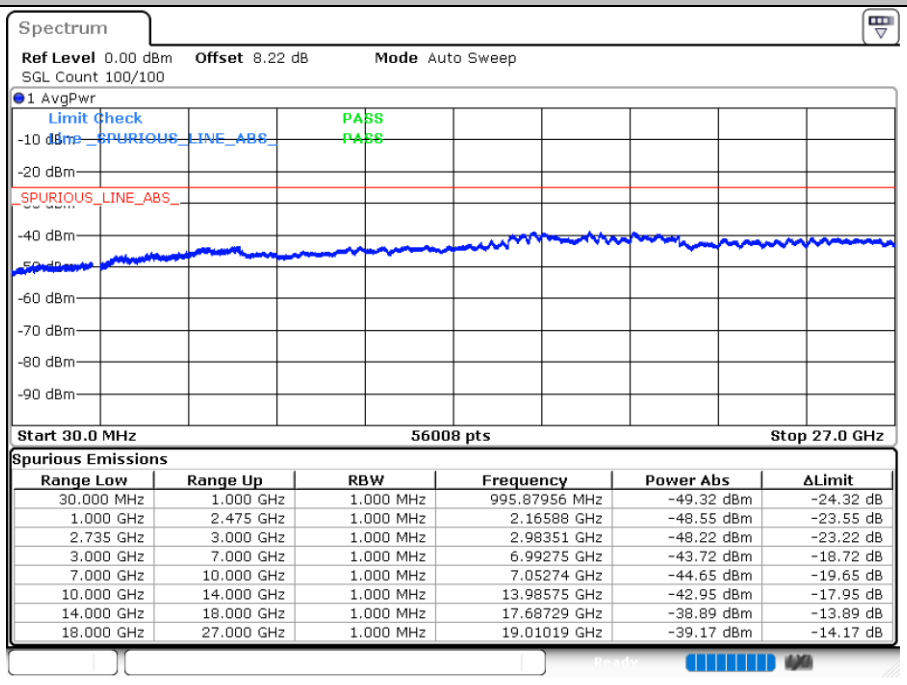


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.95252 MHz	-49.23 dBm	-24.23 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45970 GHz	-48.57 dBm	-23.57 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99914 GHz	-48.23 dBm	-23.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78528 GHz	-43.62 dBm	-18.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95476 GHz	-44.78 dBm	-19.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99725 GHz	-43.05 dBm	-18.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66479 GHz	-38.91 dBm	-13.91 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02819 GHz	-39.01 dBm	-14.01 dB

Date: 2.AUG.2024 13:34:42

Highest Channel / QPSK



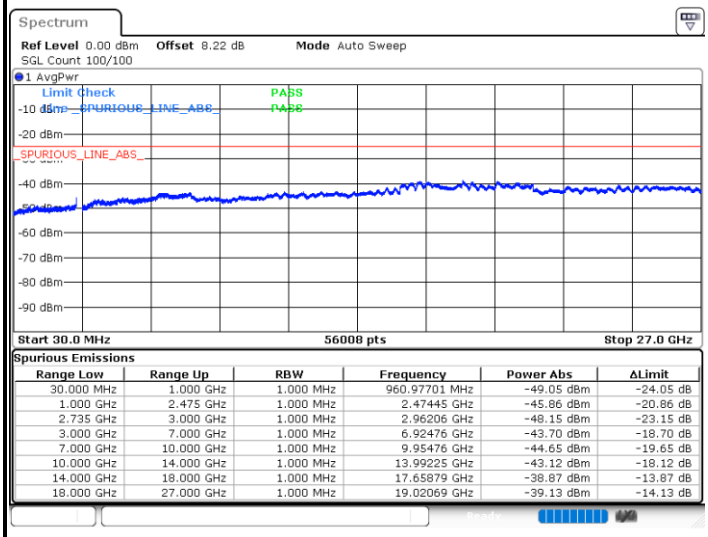
Spurious Emissions

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	2.475 GHz	1.000 MHz	2.16588 GHz	-48.55 dBm	-23.55 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.98351 GHz	-48.22 dBm	-23.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-43.72 dBm	-18.72 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.05274 GHz	-44.65 dBm	-19.65 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98575 GHz	-42.95 dBm	-17.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.68729 GHz	-38.89 dBm	-13.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.01019 GHz	-39.17 dBm	-14.17 dB

Date: 2.AUG.2024 13:38:28

LTE Band 41C / 15MHz+15MHz

Lowest Channel / QPSK

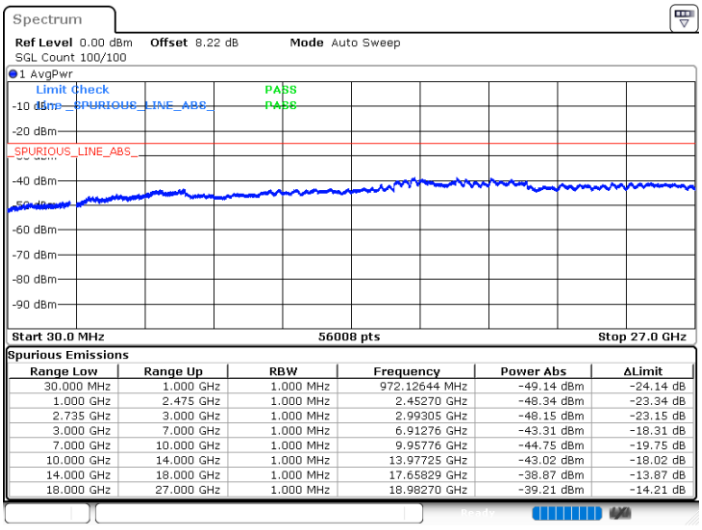


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-49.05 dBm	-24.05 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47445 GHz	-45.86 dBm	-20.86 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96206 GHz	-48.15 dBm	-23.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92476 GHz	-43.70 dBm	-18.70 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95476 GHz	-44.65 dBm	-19.65 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99225 GHz	-43.12 dBm	-18.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65879 GHz	-38.87 dBm	-13.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02069 GHz	-39.13 dBm	-14.13 dB

Date: 2.AUG.2024 13:51:57

Middle Channel / QPSK

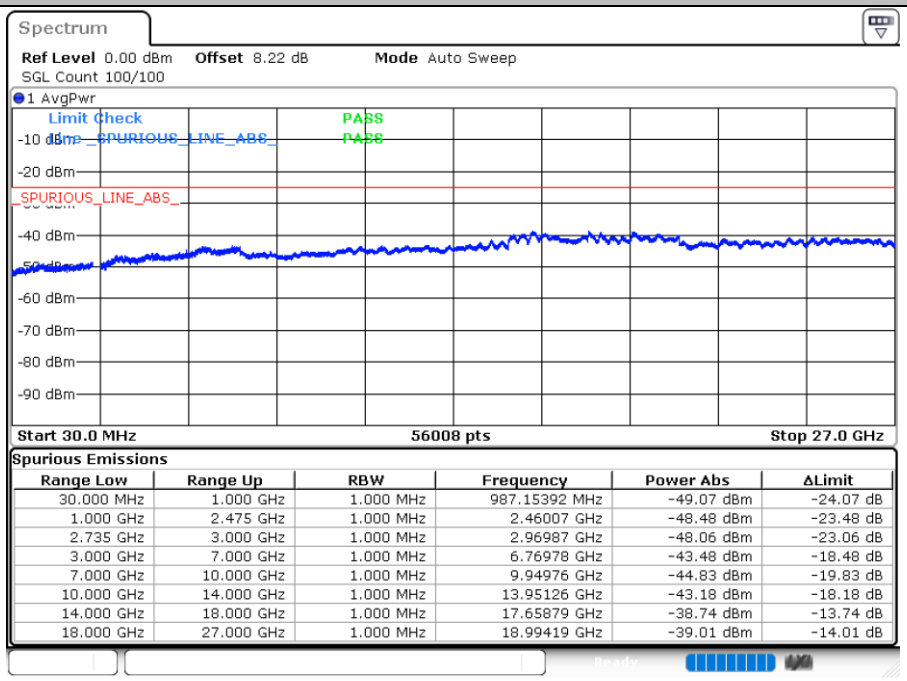


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-49.14 dBm	-24.14 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45270 GHz	-48.34 dBm	-23.34 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99305 GHz	-48.15 dBm	-23.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91276 GHz	-43.31 dBm	-18.31 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95776 GHz	-44.75 dBm	-19.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97725 GHz	-43.02 dBm	-18.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65829 GHz	-38.87 dBm	-13.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.98270 GHz	-39.21 dBm	-14.21 dB

Date: 2.AUG.2024 14:05:21

Highest Channel / QPSK



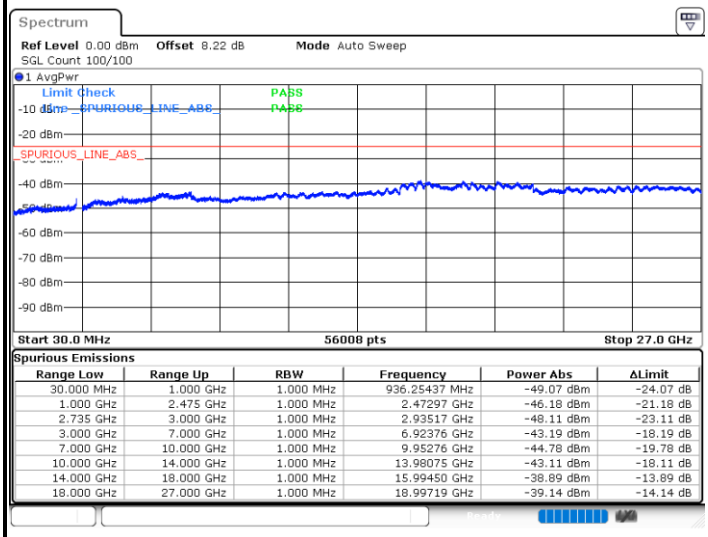
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-49.07 dBm	-24.07 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46007 GHz	-48.48 dBm	-23.48 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96987 GHz	-48.06 dBm	-23.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76978 GHz	-43.48 dBm	-18.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94976 GHz	-44.83 dBm	-19.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95126 GHz	-43.18 dBm	-18.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65879 GHz	-38.74 dBm	-13.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.99419 GHz	-39.01 dBm	-14.01 dB

Date: 2.AUG.2024 14:08:58

LTE Band 41C / 15MHz+20MHz

Lowest Channel / QPSK

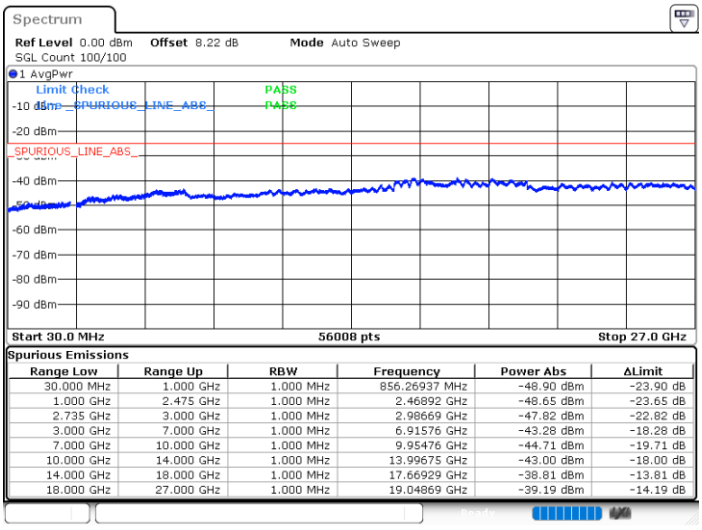


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-49.07 dBm	-24.07 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47297 GHz	-46.18 dBm	-21.18 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.93517 GHz	-48.11 dBm	-23.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92376 GHz	-43.19 dBm	-18.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95276 GHz	-44.78 dBm	-19.78 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98075 GHz	-43.11 dBm	-18.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.99450 GHz	-38.89 dBm	-13.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.99719 GHz	-39.14 dBm	-14.14 dB

Date: 2.AUG.2024 14:22:24

Middle Channel / QPSK

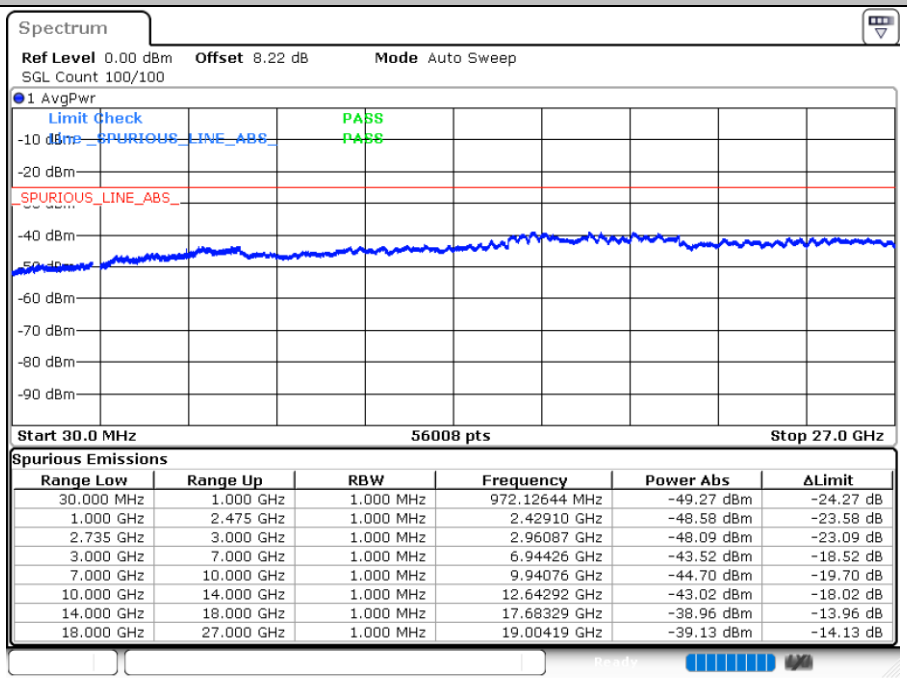


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	856.26937 MHz	-48.90 dBm	-23.90 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46892 GHz	-48.65 dBm	-23.65 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.98669 GHz	-47.82 dBm	-22.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91576 GHz	-43.28 dBm	-18.28 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95476 GHz	-44.71 dBm	-19.71 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99675 GHz	-43.00 dBm	-18.00 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66929 GHz	-38.81 dBm	-13.81 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.04869 GHz	-39.19 dBm	-14.19 dB

Date: 2.AUG.2024 14:36:14

Highest Channel / QPSK



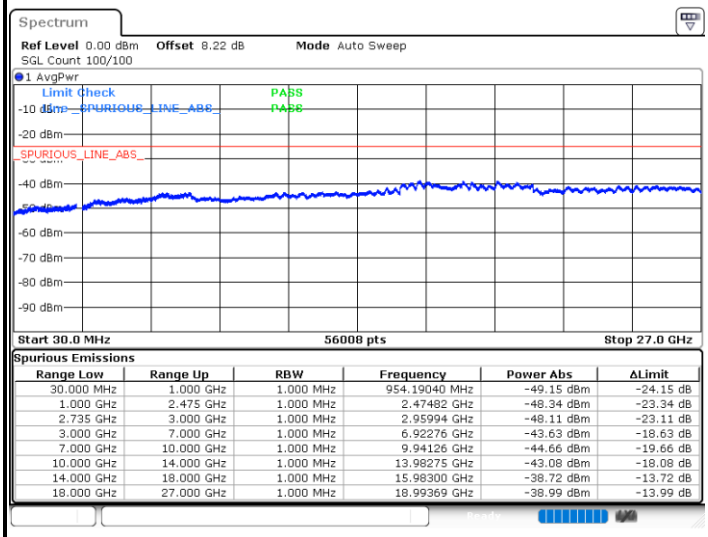
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-49.27 dBm	-24.27 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.42910 GHz	-48.58 dBm	-23.58 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96087 GHz	-48.09 dBm	-23.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94426 GHz	-43.52 dBm	-18.52 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94076 GHz	-44.70 dBm	-19.70 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.64292 GHz	-43.02 dBm	-18.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.68329 GHz	-38.96 dBm	-13.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00419 GHz	-39.13 dBm	-14.13 dB

Date: 2.AUG.2024 14:40:01

LTE Band 41C / 20MHz+5MHz

Lowest Channel / QPSK

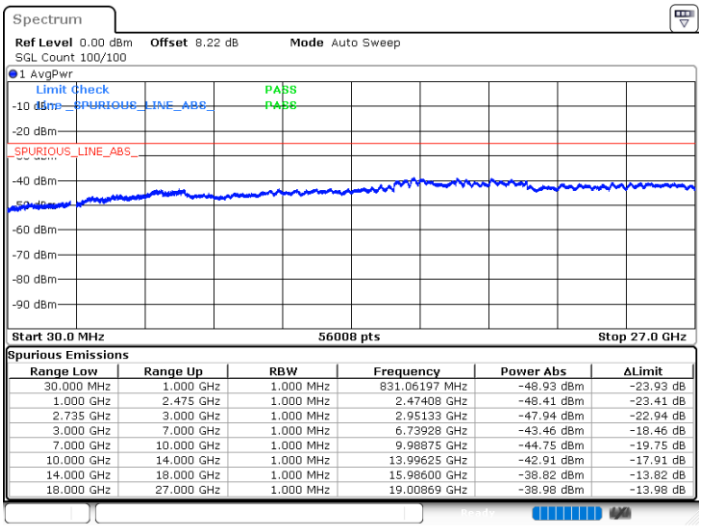


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.19040 MHz	-49.15 dBm	-24.15 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-48.34 dBm	-23.34 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95994 GHz	-48.11 dBm	-23.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92276 GHz	-43.63 dBm	-18.63 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94126 GHz	-44.66 dBm	-19.66 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98275 GHz	-43.08 dBm	-18.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.98300 GHz	-38.72 dBm	-13.72 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.99369 GHz	-38.99 dBm	-13.99 dB

Date: 2.AUG.2024 14:53:39

Middle Channel / QPSK

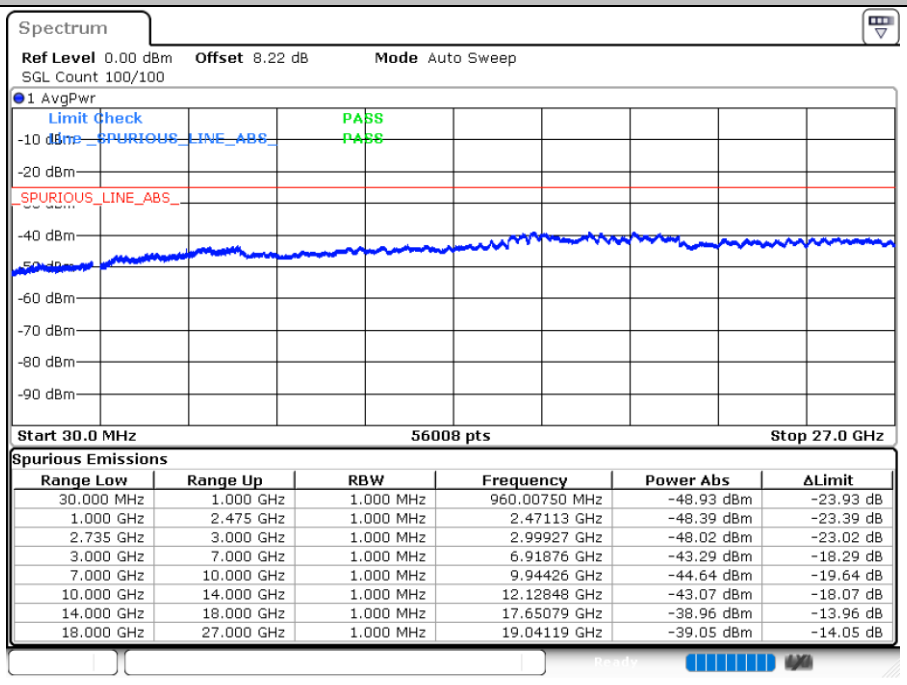


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	831.06197 MHz	-48.93 dBm	-23.93 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-48.41 dBm	-23.41 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95133 GHz	-47.94 dBm	-22.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.73928 GHz	-43.46 dBm	-18.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98875 GHz	-44.75 dBm	-19.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99625 GHz	-42.91 dBm	-17.91 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.98600 GHz	-38.82 dBm	-13.82 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00869 GHz	-38.98 dBm	-13.98 dB

Date: 2.AUG.2024 15:07:27

Highest Channel / QPSK



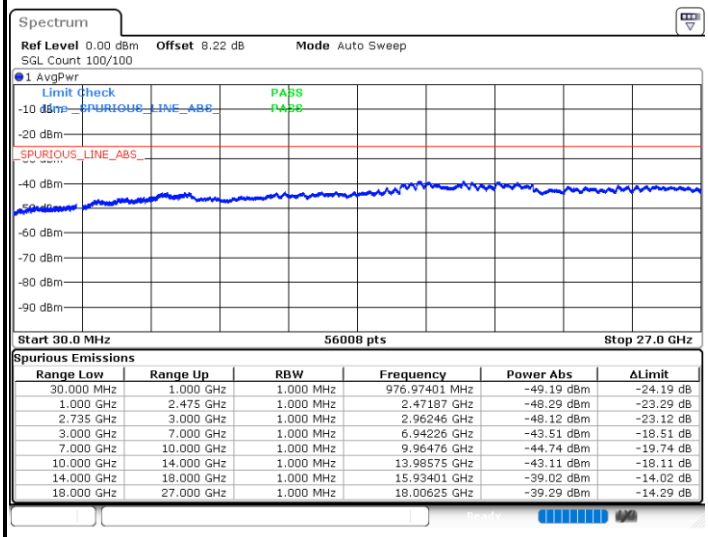
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.00750 MHz	-48.93 dBm	-23.93 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47113 GHz	-48.39 dBm	-23.39 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99927 GHz	-48.02 dBm	-23.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91876 GHz	-43.29 dBm	-18.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94426 GHz	-44.64 dBm	-19.64 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.12848 GHz	-43.07 dBm	-18.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65079 GHz	-38.96 dBm	-13.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.04119 GHz	-39.05 dBm	-14.05 dB

Date: 2.AUG.2024 15:11:13

LTE Band 41C / 20MHz+10MHz

Lowest Channel / QPSK

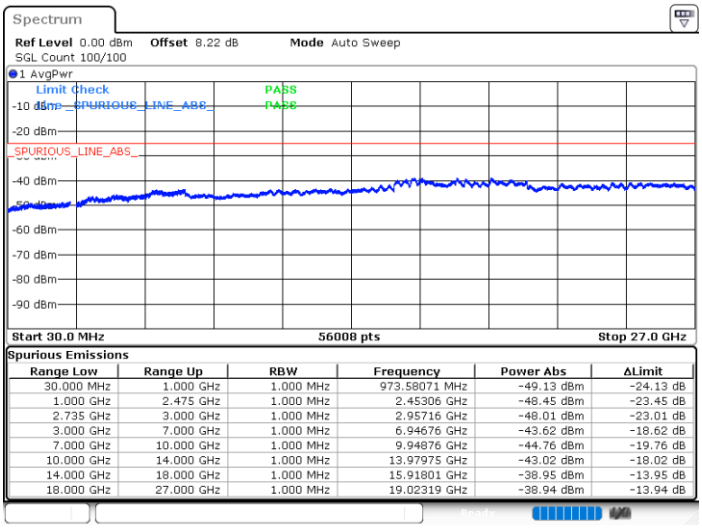


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-49.19 dBm	-24.19 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47187 GHz	-48.29 dBm	-23.29 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96246 GHz	-48.12 dBm	-23.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94226 GHz	-43.51 dBm	-18.51 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96476 GHz	-44.74 dBm	-19.74 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98575 GHz	-43.11 dBm	-18.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.93401 GHz	-39.02 dBm	-14.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00625 GHz	-39.29 dBm	-14.29 dB

Date: 2.AUG.2024 15:24:43

Middle Channel / QPSK

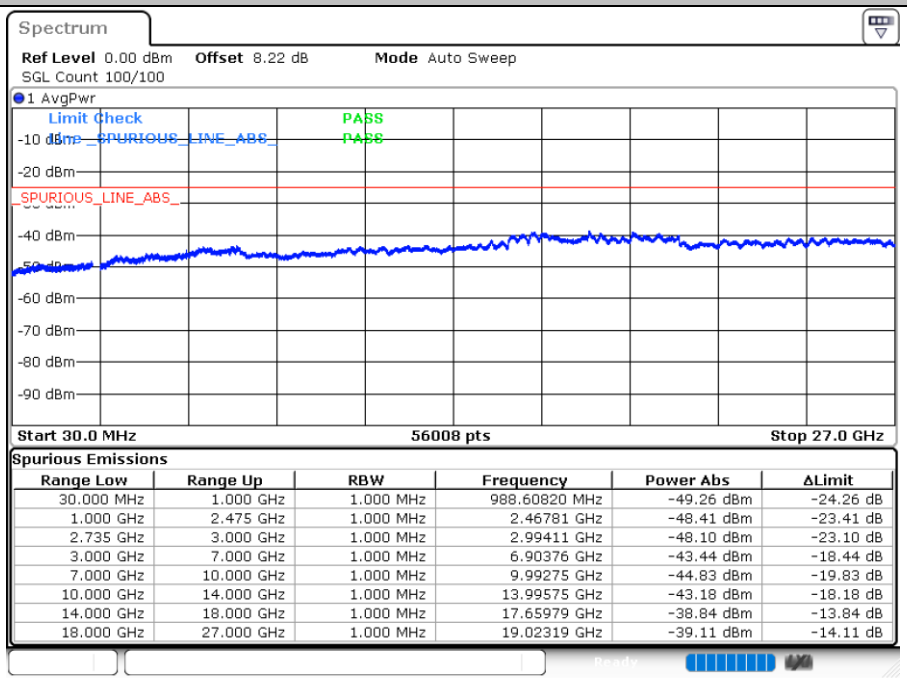


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-49.13 dBm	-24.13 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45306 GHz	-48.45 dBm	-23.45 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95716 GHz	-48.01 dBm	-23.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94676 GHz	-43.62 dBm	-18.62 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94876 GHz	-44.76 dBm	-19.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97975 GHz	-43.02 dBm	-18.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.91801 GHz	-38.95 dBm	-13.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02319 GHz	-38.94 dBm	-13.94 dB

Date: 2.AUG.2024 15:56:21

Highest Channel / QPSK



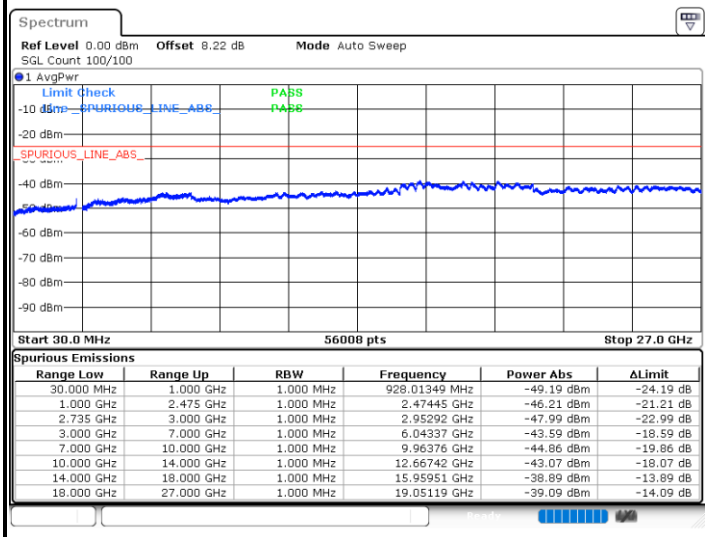
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-49.26 dBm	-24.26 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46781 GHz	-48.41 dBm	-23.41 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.99411 GHz	-48.10 dBm	-23.10 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90376 GHz	-43.44 dBm	-18.44 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99275 GHz	-44.83 dBm	-19.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99575 GHz	-43.18 dBm	-18.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.65979 GHz	-38.84 dBm	-13.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.02319 GHz	-39.11 dBm	-14.11 dB

Date: 2.AUG.2024 16:01:56

LTE Band 41C / 20MHz+15MHz

Lowest Channel / QPSK

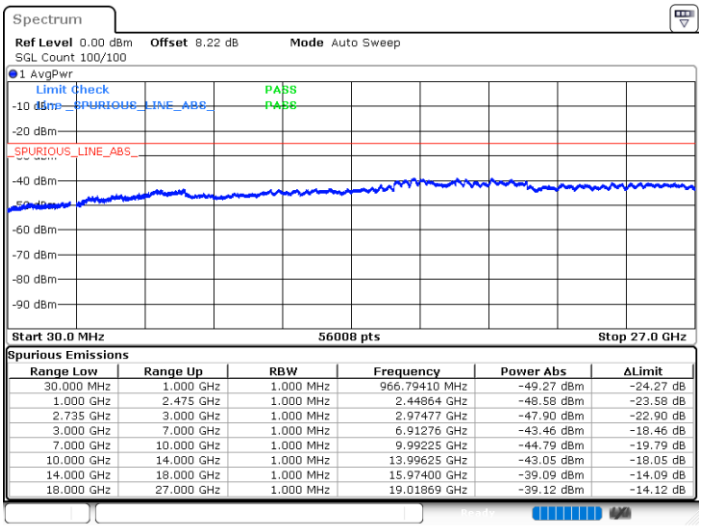


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.01349 MHz	-49.19 dBm	-24.19 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47445 GHz	-46.21 dBm	-21.21 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95292 GHz	-47.99 dBm	-22.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.04337 GHz	-43.59 dBm	-18.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96376 GHz	-44.86 dBm	-19.86 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.66742 GHz	-43.07 dBm	-18.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.95951 GHz	-38.89 dBm	-13.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.05119 GHz	-39.09 dBm	-14.09 dB

Date: 2.AUG.2024 16:15:27

Middle Channel / QPSK

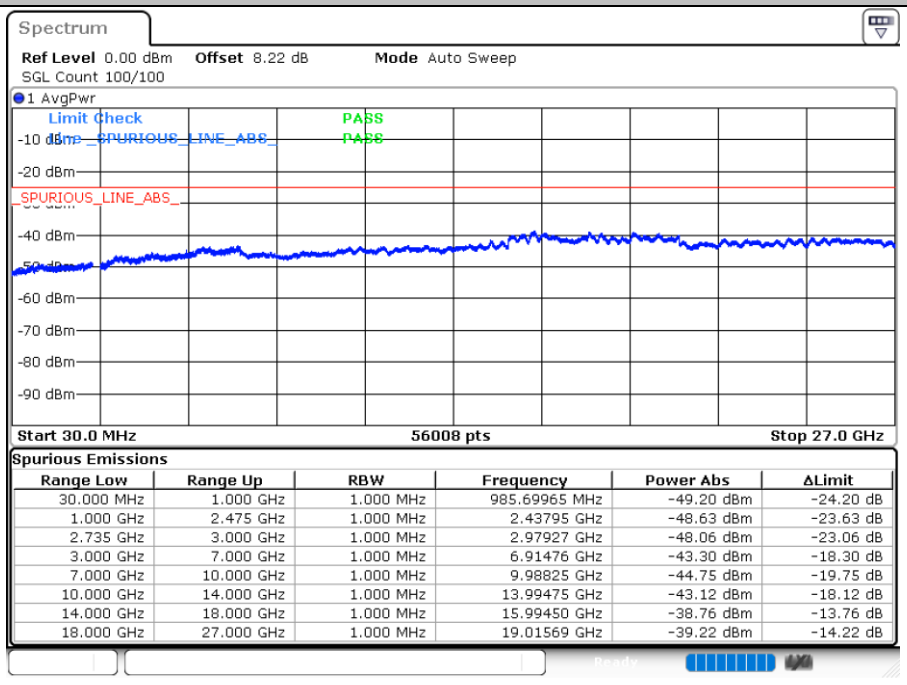


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.79410 MHz	-49.27 dBm	-24.27 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.44864 GHz	-48.58 dBm	-23.58 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97477 GHz	-47.90 dBm	-22.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91276 GHz	-43.46 dBm	-18.46 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99225 GHz	-44.79 dBm	-19.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99625 GHz	-43.05 dBm	-18.05 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.97400 GHz	-39.09 dBm	-14.09 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.01869 GHz	-39.12 dBm	-14.12 dB

Date: 2.AUG.2024 16:29:18

Highest Channel / QPSK



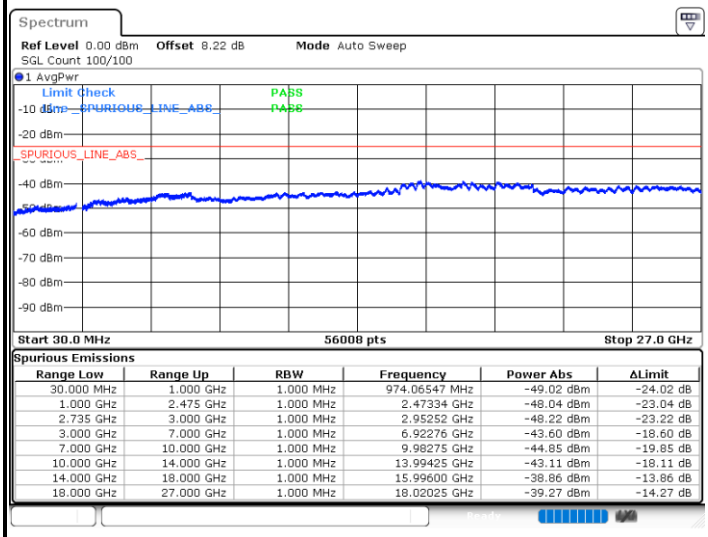
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.69965 MHz	-49.20 dBm	-24.20 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.43795 GHz	-48.63 dBm	-23.63 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.97927 GHz	-48.06 dBm	-23.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91476 GHz	-43.30 dBm	-18.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98825 GHz	-44.75 dBm	-19.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99475 GHz	-43.12 dBm	-18.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.99450 GHz	-38.76 dBm	-13.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.01569 GHz	-39.22 dBm	-14.22 dB

Date: 2.AUG.2024 16:33:05

LTE Band 41C / 20MHz+20MHz

Lowest Channel / QPSK

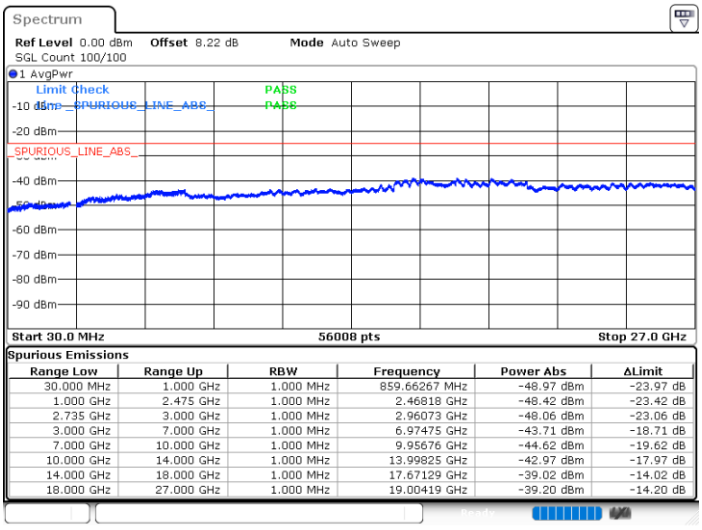


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-49.02 dBm	-24.02 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47334 GHz	-48.04 dBm	-23.04 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95252 GHz	-48.22 dBm	-23.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92276 GHz	-43.60 dBm	-18.60 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98275 GHz	-44.85 dBm	-19.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99425 GHz	-43.11 dBm	-18.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.99600 GHz	-38.86 dBm	-13.86 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.02025 GHz	-39.27 dBm	-14.27 dB

Date: 2.AUG.2024 16:47:56

Middle Channel / QPSK

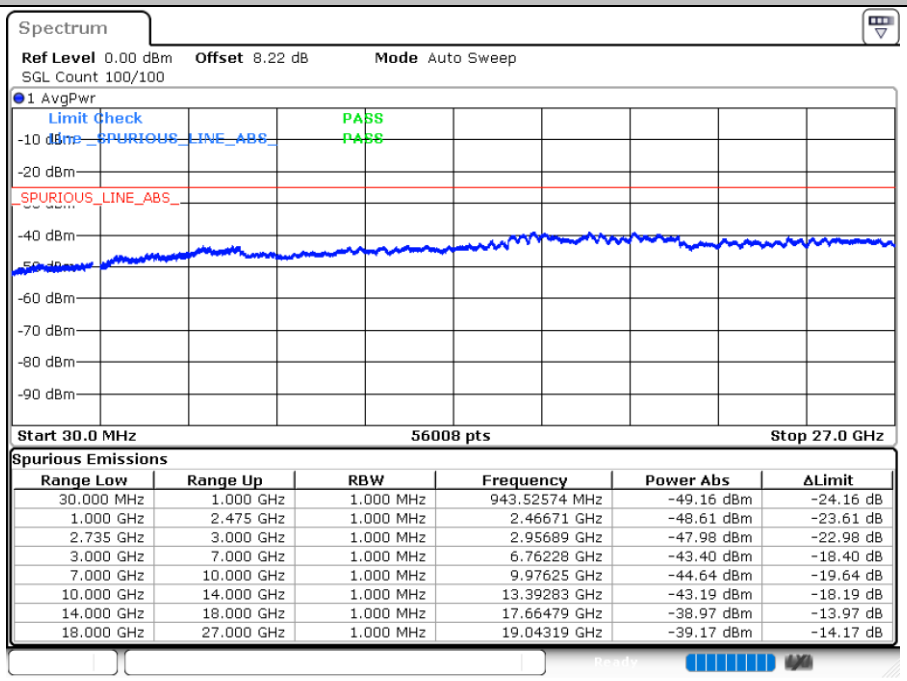


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.66267 MHz	-48.97 dBm	-23.97 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46818 GHz	-48.42 dBm	-23.42 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.96073 GHz	-48.06 dBm	-23.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97475 GHz	-43.71 dBm	-18.71 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95676 GHz	-44.62 dBm	-19.62 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99825 GHz	-42.97 dBm	-17.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.67129 GHz	-39.02 dBm	-14.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.00419 GHz	-39.20 dBm	-14.20 dB

Date: 2.AUG.2024 17:01:09

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-49.16 dBm	-24.16 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46671 GHz	-48.61 dBm	-23.61 dB
2.735 GHz	3.000 GHz	1.000 MHz	2.95689 GHz	-47.98 dBm	-22.98 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76228 GHz	-43.40 dBm	-18.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97625 GHz	-44.64 dBm	-19.64 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.39283 GHz	-43.19 dBm	-18.19 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.66479 GHz	-38.97 dBm	-13.97 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.04319 GHz	-39.17 dBm	-14.17 dB

Date: 2.AUG.2024 17:04:52

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0037	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0041	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0031	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.501 V. ; Maximum Voltage =4.279V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25℃
		Relative Humidity :	48~52%

LTE Band 4 / 20MHz / QPSK									
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)
Middle	3447.18	-59.36	-13	-46.36	-80.81	-66.21	5.65	12.50	H
	5170.77	-56.87	-13	-43.87	-81.51	-62.54	7.13	12.80	H
	6894.36	-55.11	-13	-42.11	-81.31	-58.51	8.40	11.80	H
	3447.18	-58.43	-13	-45.43	-80.82	-65.28	5.65	12.50	V
	5170.77	-56.39	-13	-43.39	-81.53	-62.06	7.13	12.80	V
	6894.36	-53.86	-13	-40.86	-81.34	-57.26	8.40	11.80	V

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

LTE CA_41C / 20MHz+20MHz / QPSK									
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)
Middle	5186.00	-56.91	-25	-31.91	-81.67	-62.47	7.14	12.70	H
	7779.00	-55.75	-25	-30.75	-81.90	-59.05	8.30	11.60	H
	10372.00	-52.17	-25	-27.17	-83.40	-53.69	10.48	12.00	H
	5186.00	-56.38	-25	-31.38	-81.53	-61.94	7.14	12.70	V
	7779.00	-51.84	-25	-26.84	-81.76	-55.14	8.30	11.60	V
	10372.00	-50.25	-25	-25.25	-83.34	-51.77	10.48	12.00	V

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

DC_41A_N77A/ LTE 20MHz+NR 100MHz / QPSK for other PA									
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)
LTE Band 41 Middle	5177.18	-60.62	-25	-35.62	-65.66	-66.18	7.14	12.70	H
	7765.77	-58.15	-25	-33.15	-65.99	-61.45	8.30	11.60	H
	10354.36	-56.46	-25	-31.46	-68.48	-57.98	10.48	12.00	H
	5177.18	-60.57	-25	-35.57	-66	-66.13	7.14	12.70	V
	7765.77	-54.45	-25	-29.45	-65.72	-57.75	8.30	11.60	V
	10354.36	-55.02	-25	-30.02	-68.84	-56.54	10.48	12.00	V
5G NR n77 Middle	7582.36	-57.95	-13	-44.95	-66.26	-61.25	8.30	11.60	H
	11373.54	-54.70	-13	-41.70	-69.04	-56.22	10.48	12.00	H
	15164.72	-51.99	-13	-38.99	-70.08	-53.69	11.80	13.50	H
	7582.36	-57.97	-13	-44.97	-66.28	-61.27	8.30	11.60	V
	11373.54	-50.48	-13	-37.48	-68.9	-52.00	10.48	12.00	V
	15164.72	-51.94	-13	-38.94	-70.02	-53.64	11.80	13.50	V

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