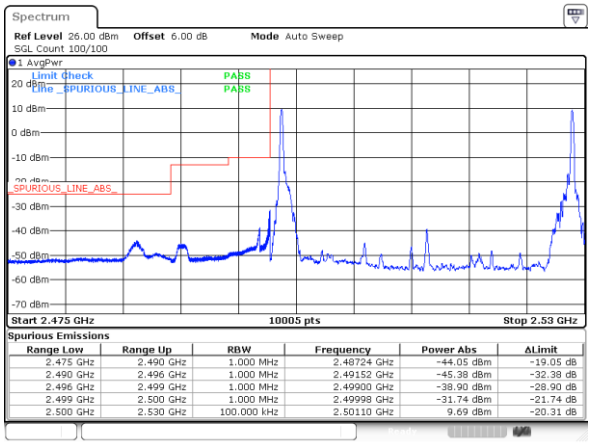
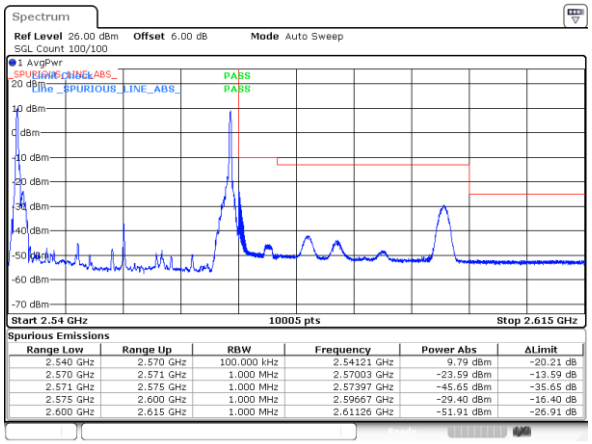
LTE Band 7c / 10MHz+20MHz

64QAM

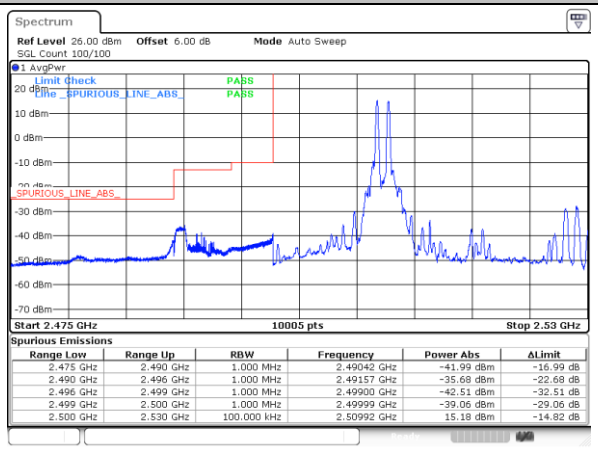
Lowest Band Edge / 1RB0 and 1RB99



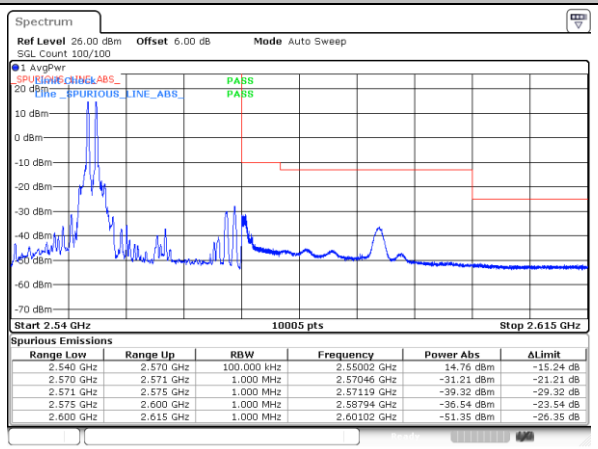
Highest Band Edge / 1RB0 and 1RB99



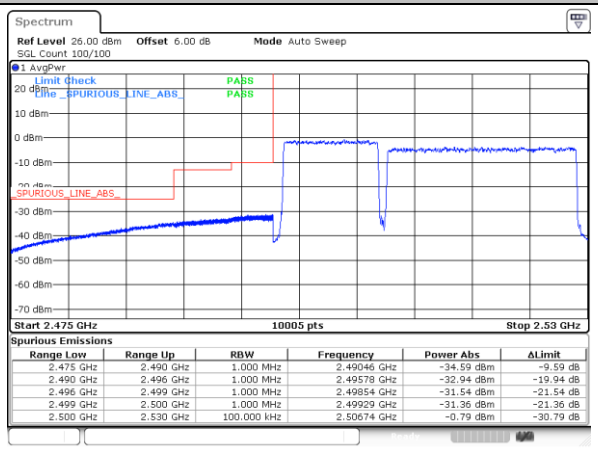
Lowest Band Edge / 1RB49 and 1RB0



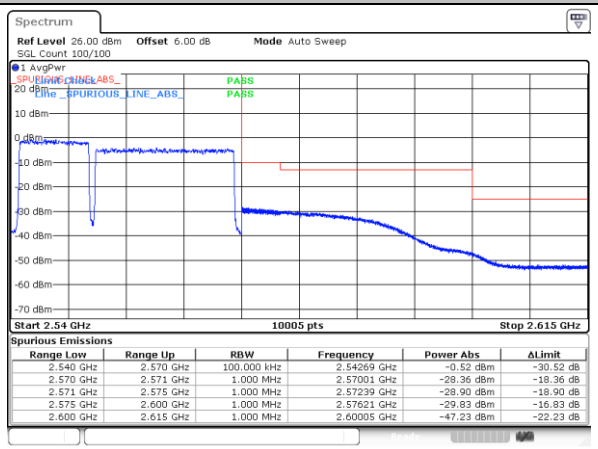
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



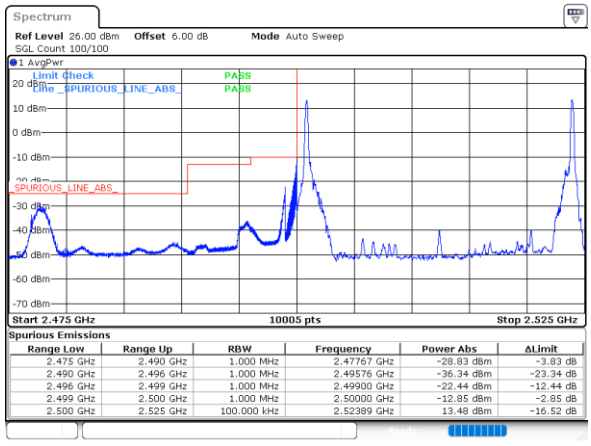
Highest Band Edge / Full RB



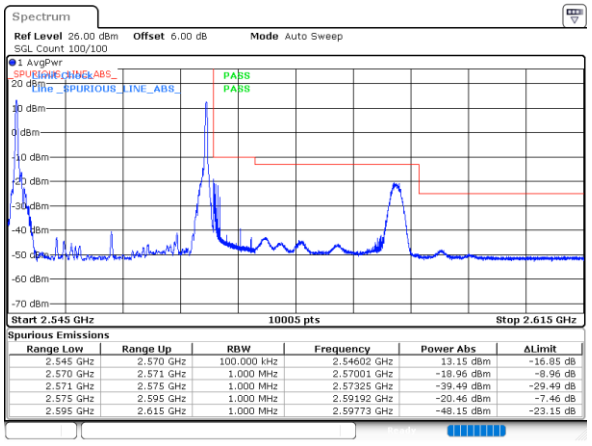
LTE Band 7c / 15MHz+10MHz

64QAM

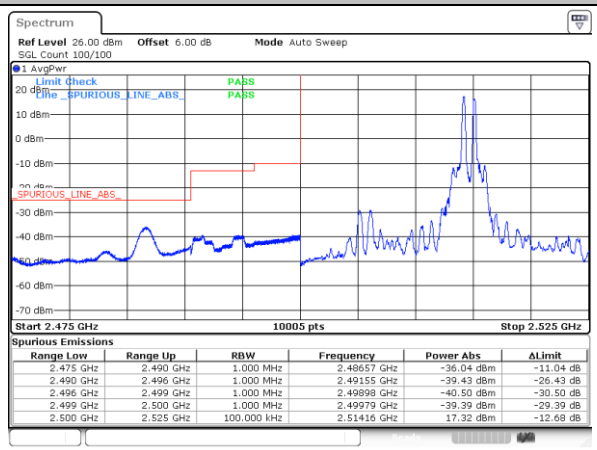
Lowest Band Edge / 1RB0 and 1RB49



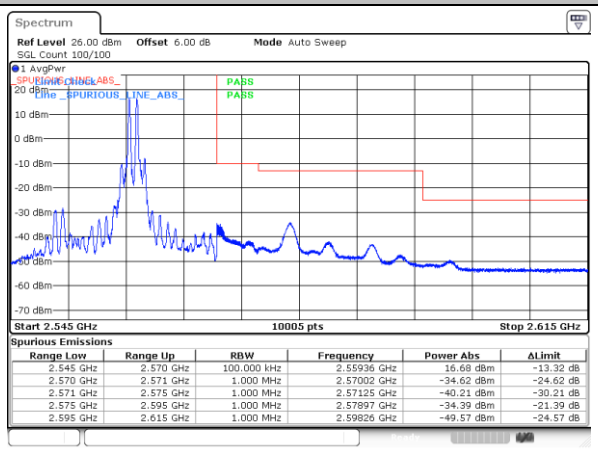
Highest Band Edge / 1RB0 and 1RB49



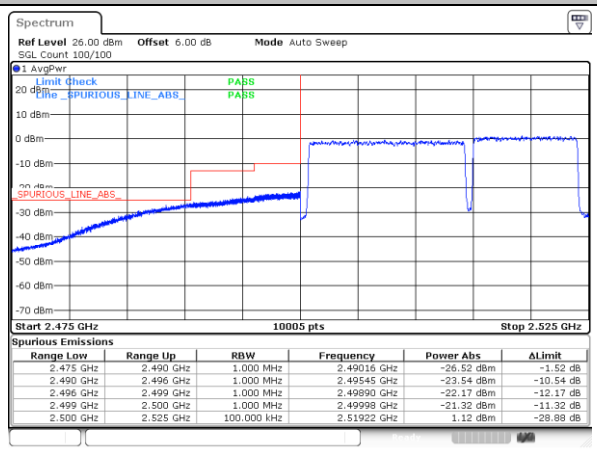
Lowest Band Edge / 1RB74 and 1RB0



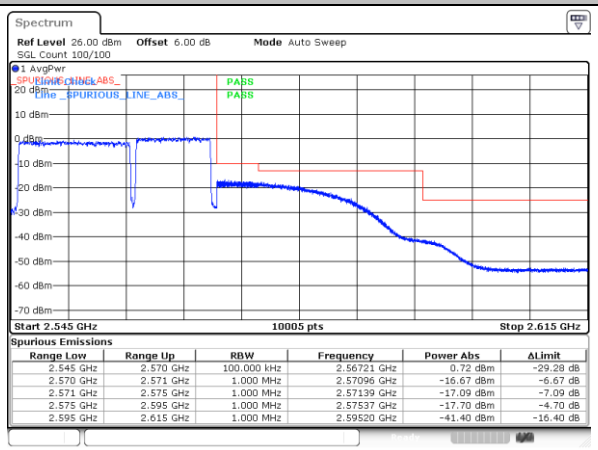
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



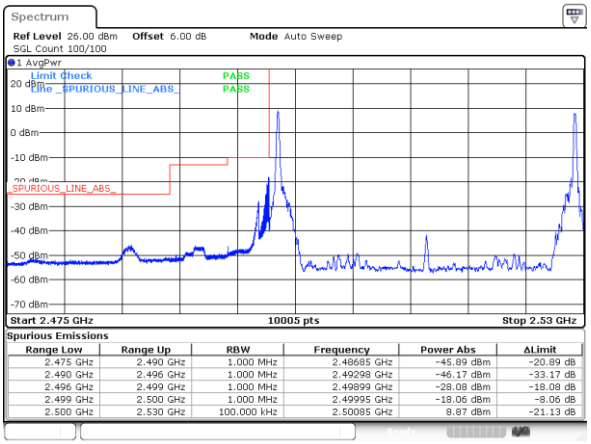
Highest Band Edge / Full RB



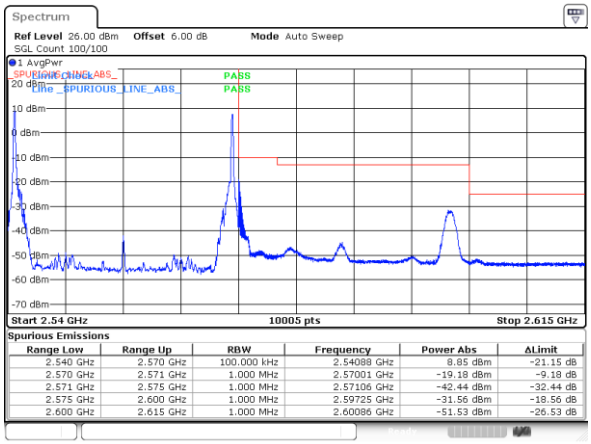
LTE Band 7c / 15MHz+15MHz

64QAM

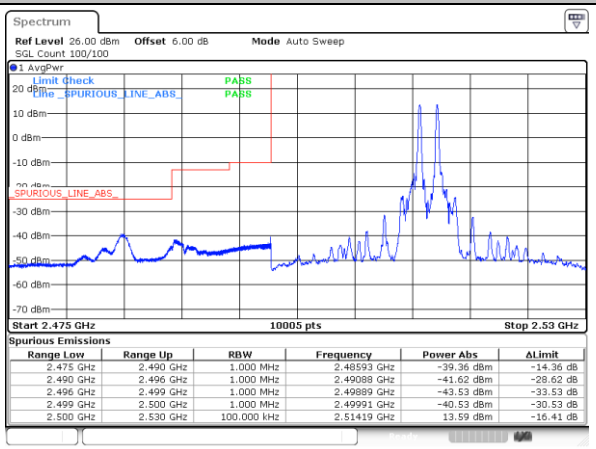
Lowest Band Edge / 1RB0 and 1RB74



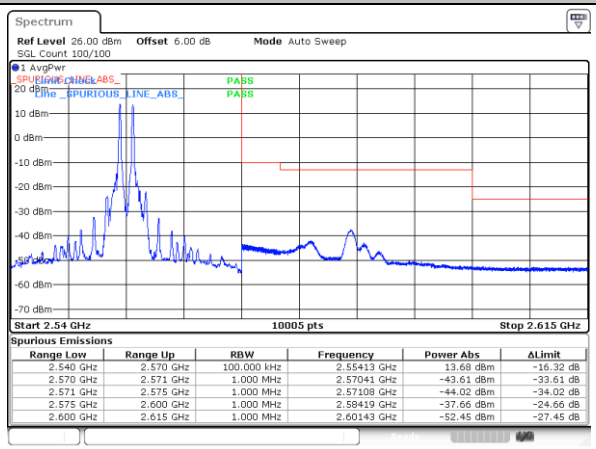
Highest Band Edge / 1RB0 and 1RB74



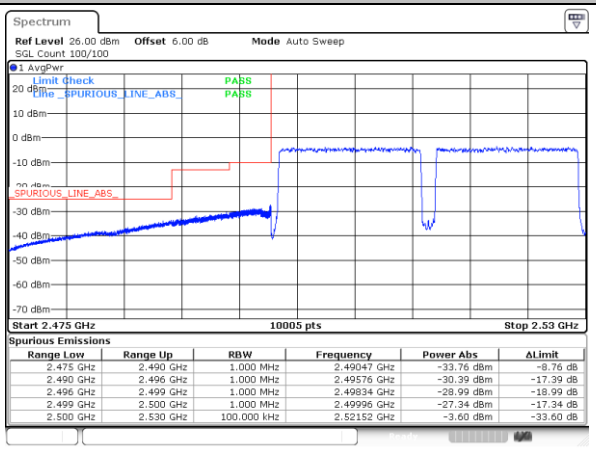
Lowest Band Edge / 1RB74 and 1RB0



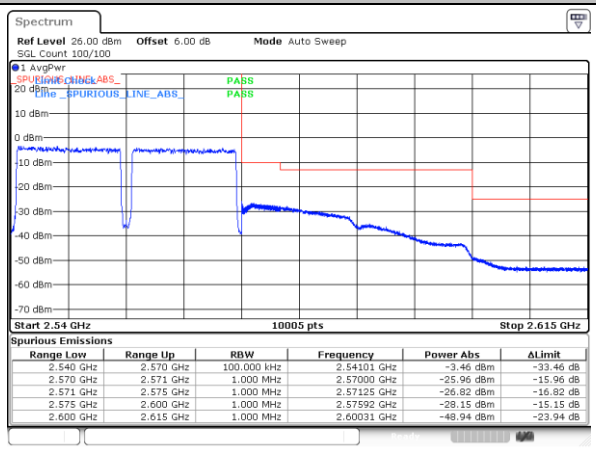
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



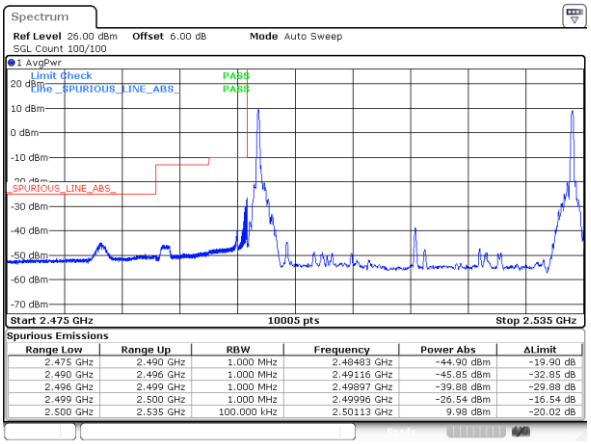
Highest Band Edge / Full RB



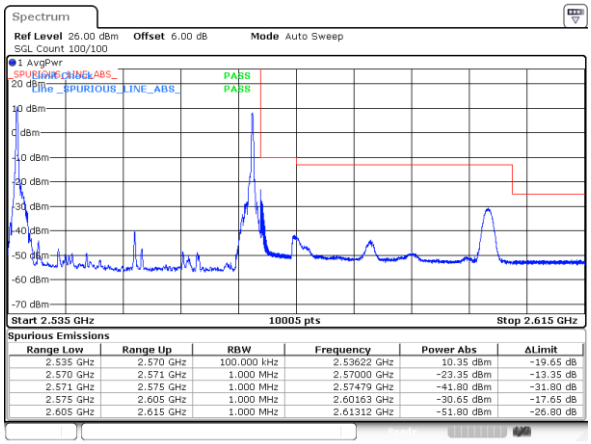
LTE Band 7c / 15MHz+20MHz

64QAM

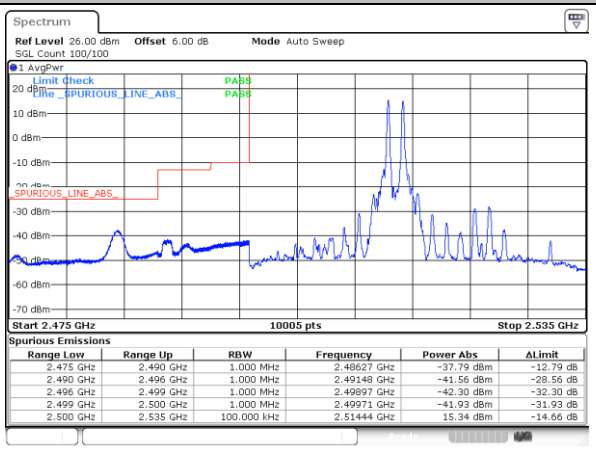
Lowest Band Edge / 1RB0 and 1RB99



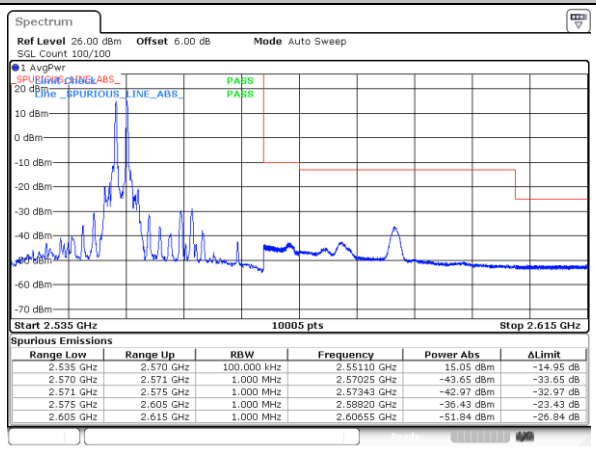
Highest Band Edge / 1RB0 and 1RB99



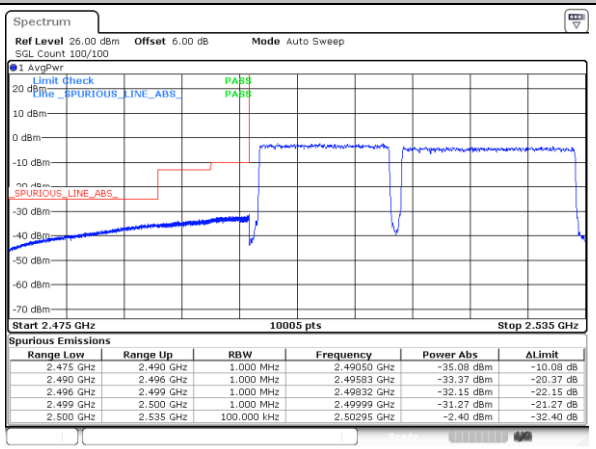
Lowest Band Edge / 1RB74 and 1RB0



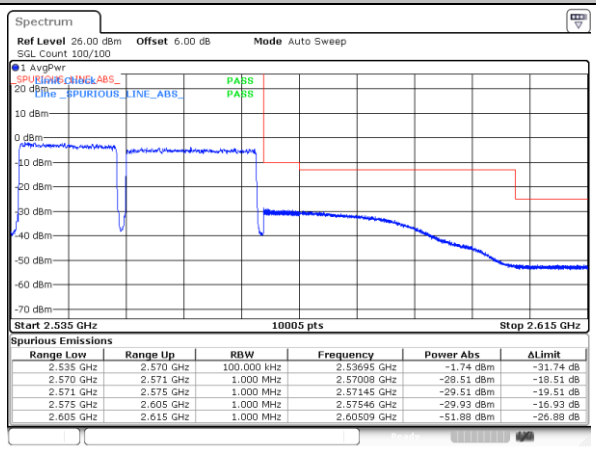
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



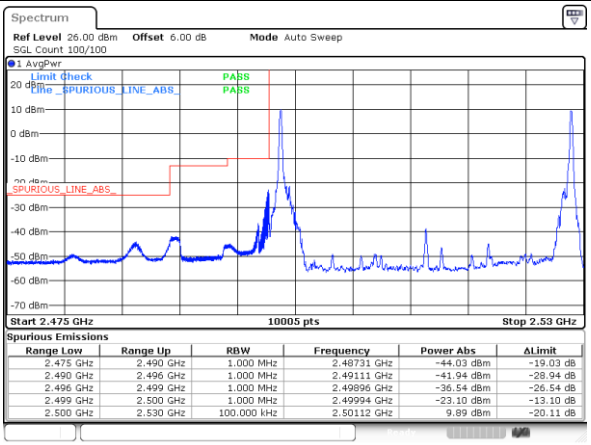
Highest nd Edge / Full RB



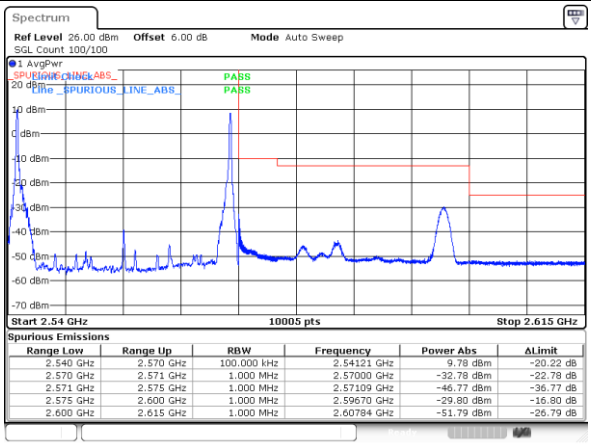
LTE Band 7c / 20MHz+10MHz

64QAM

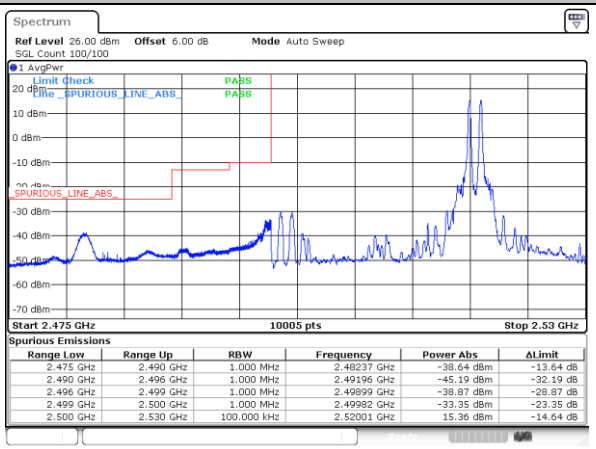
Lowest Band Edge / 1RB0 and 1RB49



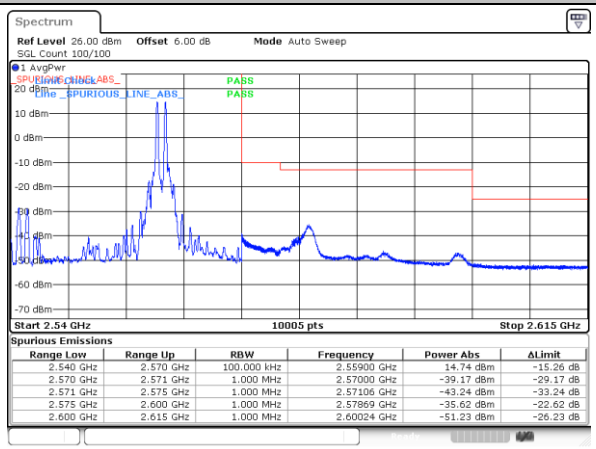
Highest Band Edge / 1RB0 and 1RB49



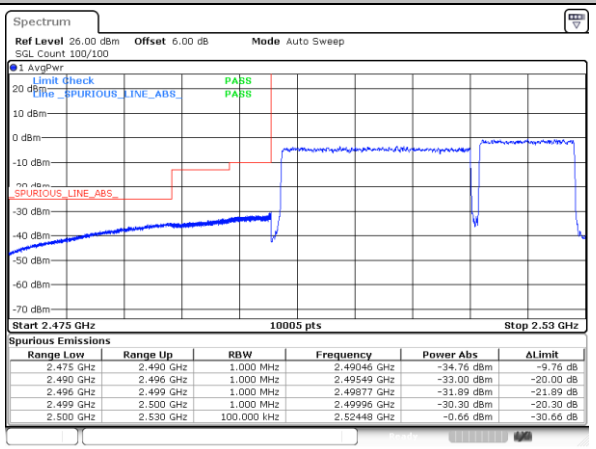
Lowest Band Edge / 1RB99 and 1RB0



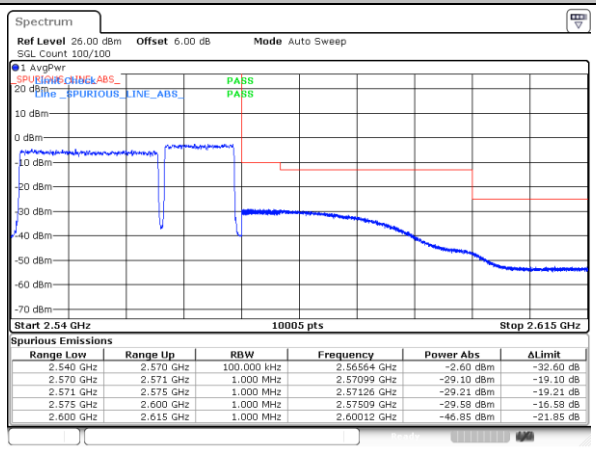
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



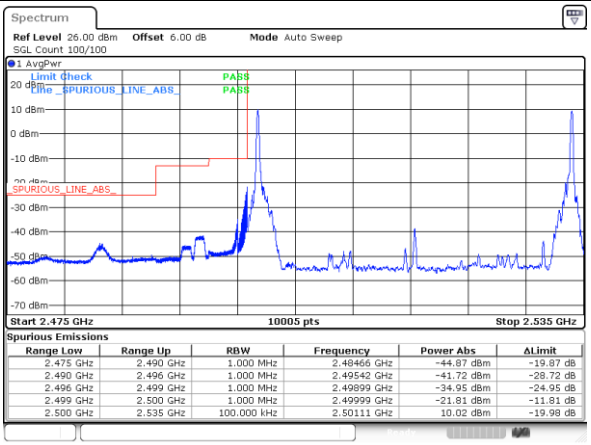
Highest Band Edge / Full RB



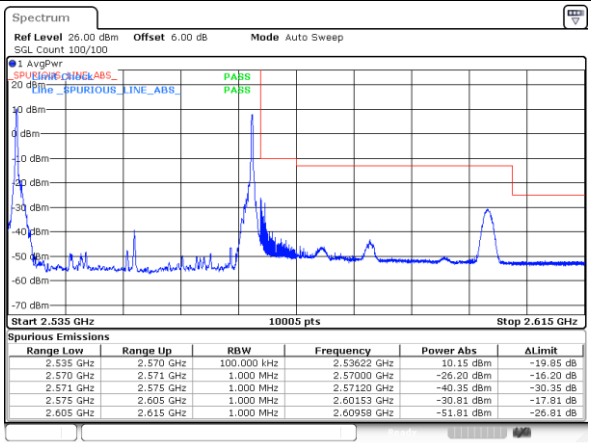
LTE Band 7c / 20MHz+15MHz

64QAM

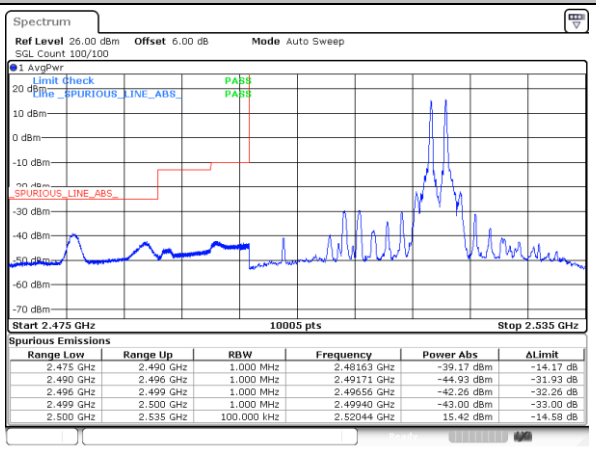
Lowest Band Edge / 1RB0 and 1RB74



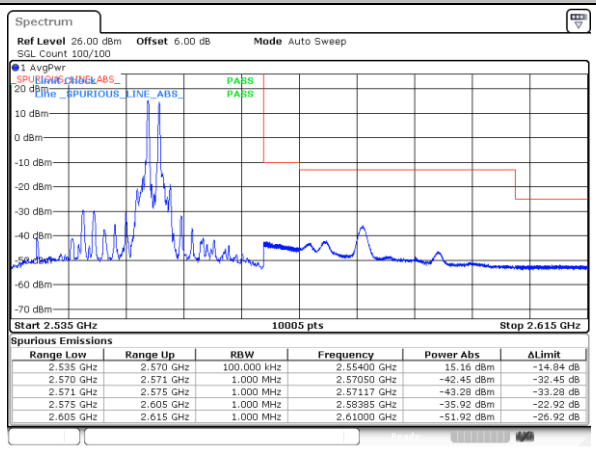
Highest Band Edge / 1RB0 and 1RB74



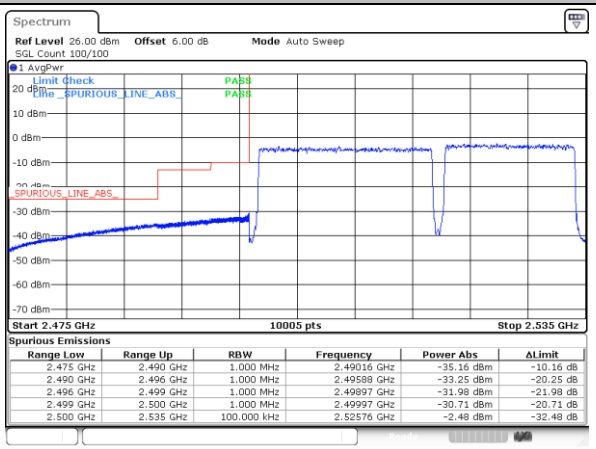
Lowest Band Edge / 1RB99 and 1RB0



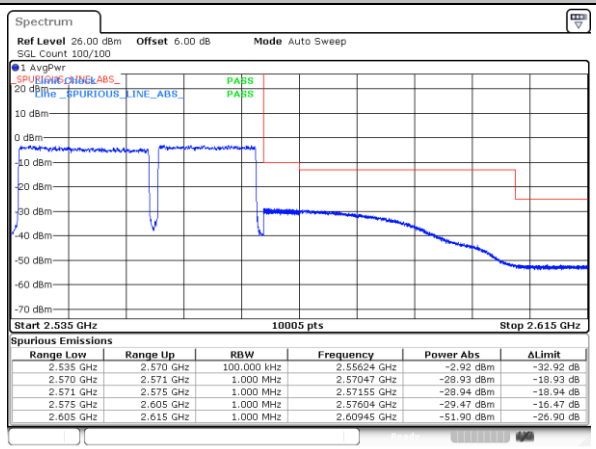
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



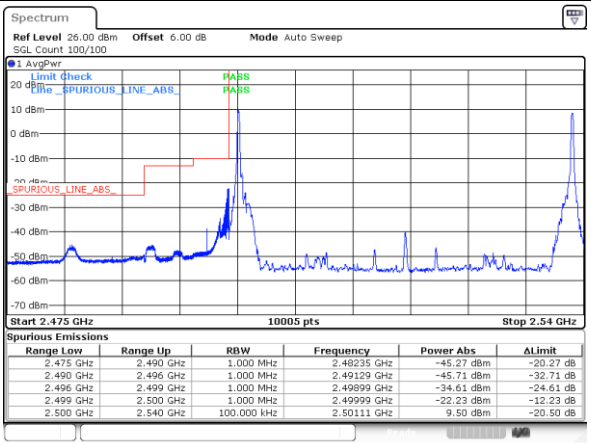
Highest Band Edge / Full RB



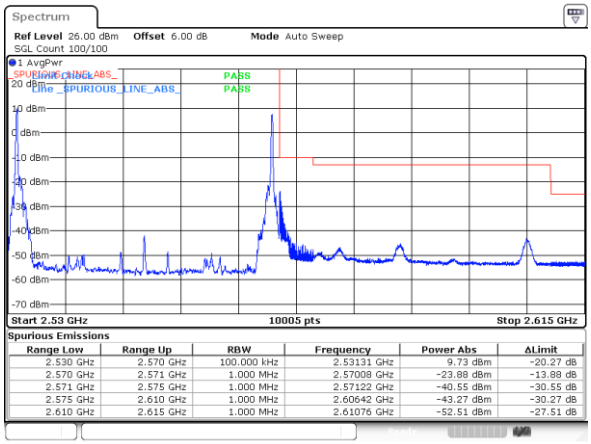
LTE Band 7c / 20MHz+20MHz

64QAM

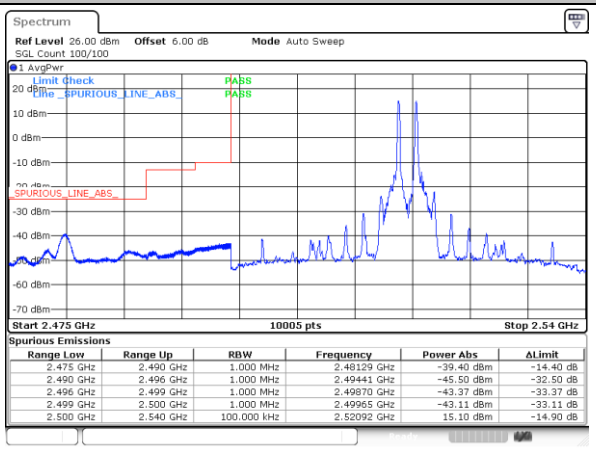
Lowest Band Edge / 1RB0 and 1RB99



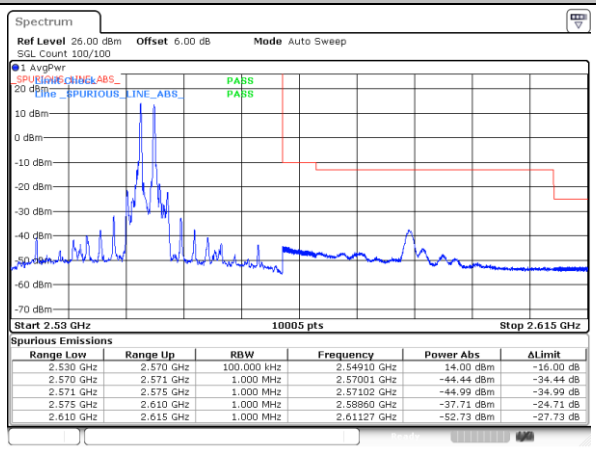
Highest Band Edge / 1RB0 and 1RB99



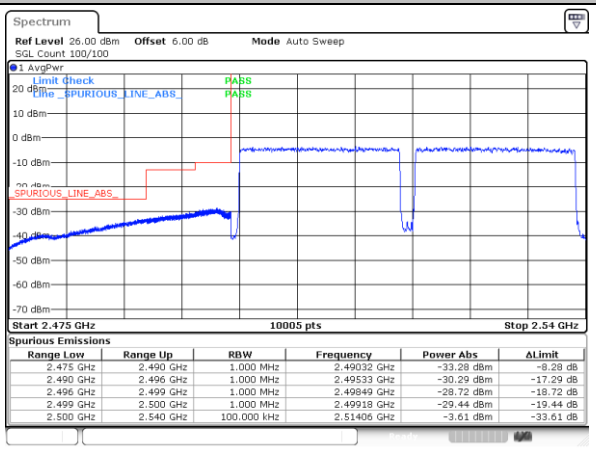
Lowest Band Edge / 1RB99 and 1RB0



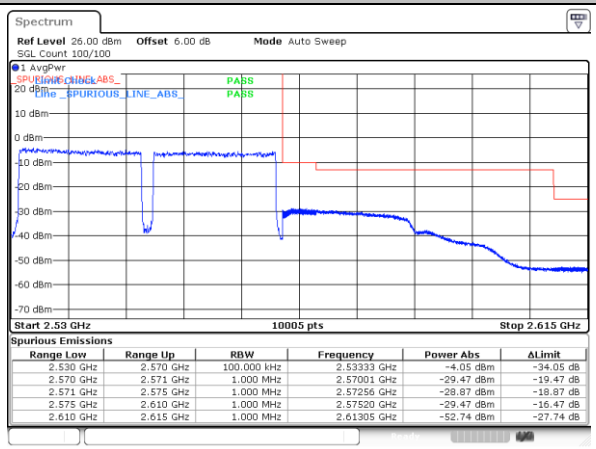
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



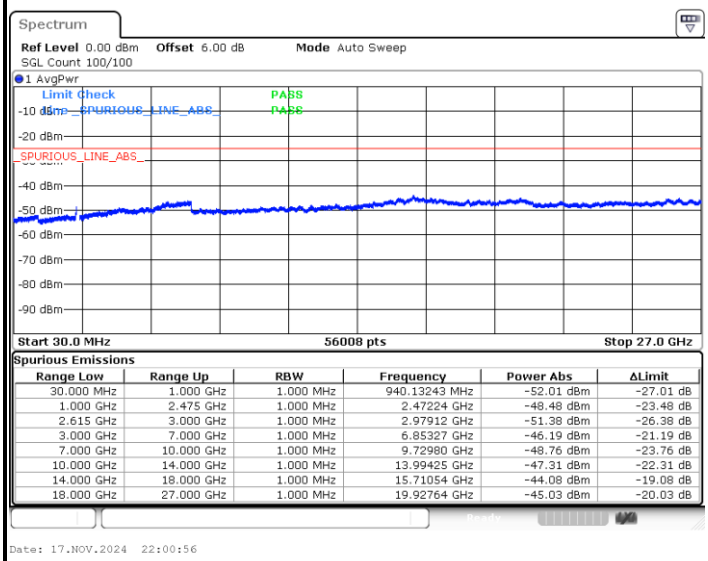
Highest Band Edge / Full RB



Conducted Spurious Emission

LTE Band 7c / 10MHz+20MHz

Lowest Channel / QPSK

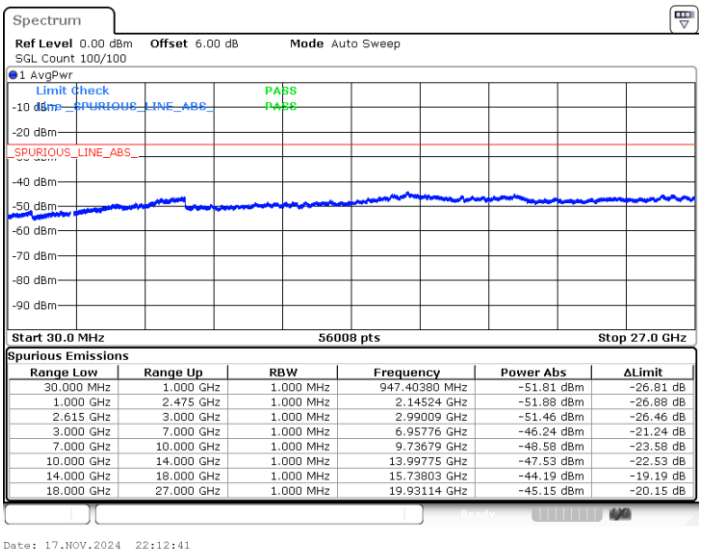


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-52.01 dBm	-27.01 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47224 GHz	-48.48 dBm	-23.48 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97912 GHz	-51.38 dBm	-26.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85327 GHz	-46.19 dBm	-21.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.72980 GHz	-48.76 dBm	-23.76 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99425 GHz	-47.31 dBm	-22.31 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71054 GHz	-44.08 dBm	-19.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92764 GHz	-45.03 dBm	-20.03 dB

Date: 17.NOV.2024 22:00:56

Middle Channel / QPSK

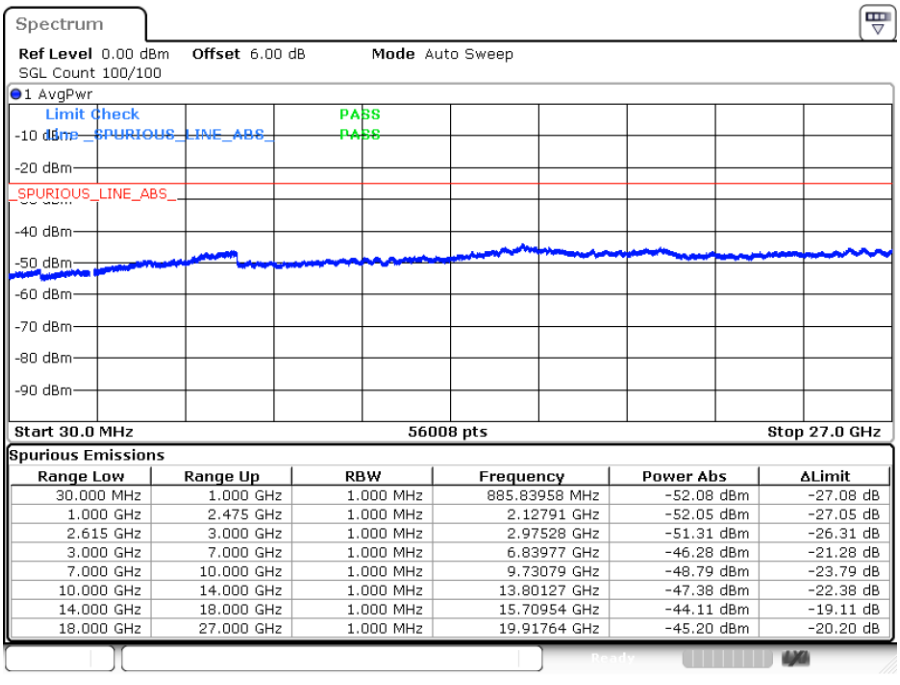


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-51.81 dBm	-26.81 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.14524 GHz	-51.88 dBm	-26.88 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99009 GHz	-51.46 dBm	-26.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95776 GHz	-46.24 dBm	-21.24 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73679 GHz	-48.58 dBm	-23.58 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99775 GHz	-47.53 dBm	-22.53 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73803 GHz	-44.19 dBm	-19.19 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93114 GHz	-45.15 dBm	-20.15 dB

Date: 17.NOV.2024 22:12:41

Highest Channel / QPSK



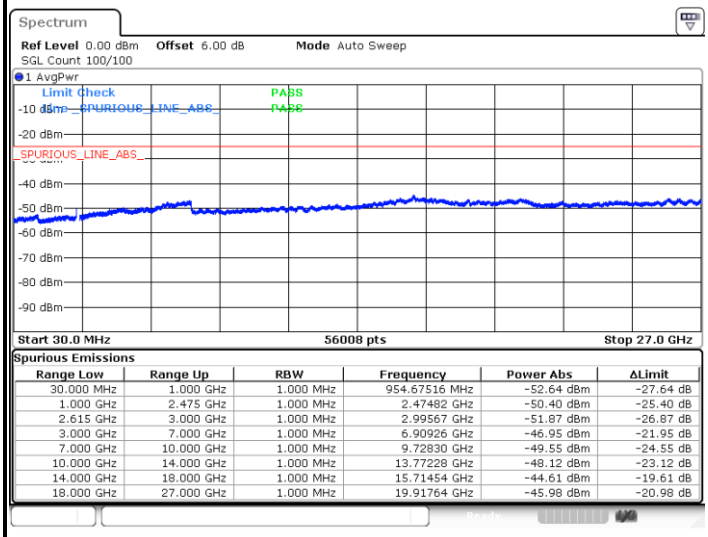
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	885.83958 MHz	-52.08 dBm	-27.08 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.12791 GHz	-52.05 dBm	-27.05 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97528 GHz	-51.31 dBm	-26.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83977 GHz	-46.28 dBm	-21.28 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73079 GHz	-48.79 dBm	-23.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80127 GHz	-47.38 dBm	-22.38 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.70954 GHz	-44.11 dBm	-19.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91764 GHz	-45.20 dBm	-20.20 dB

Date: 17.NOV.2024 22:14:17

LTE Band 7c / 15MHz+10MHz

Lowest Channel / QPSK

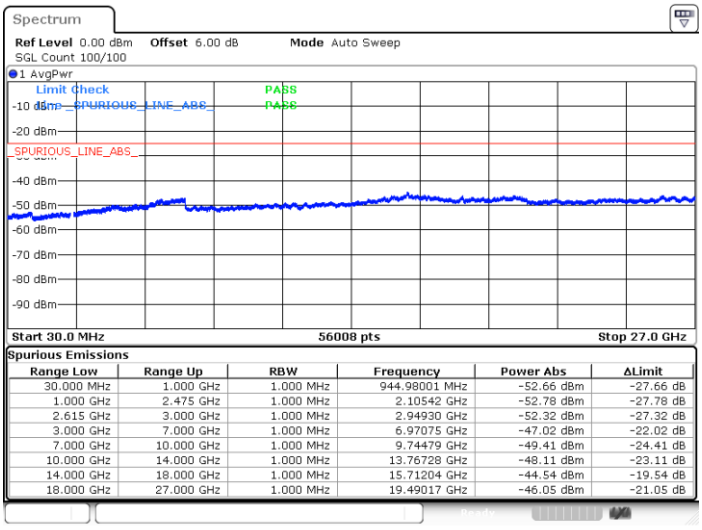


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	954.67516 MHz	-52.64 dBm	-27.64 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-50.40 dBm	-25.40 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99567 GHz	-51.87 dBm	-26.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90926 GHz	-46.95 dBm	-21.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.72830 GHz	-49.55 dBm	-24.55 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.77228 GHz	-48.12 dBm	-23.12 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71454 GHz	-44.61 dBm	-19.61 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91764 GHz	-45.98 dBm	-20.98 dB

Date: 18.NOV.2024 03:14:45

Middle Channel / QPSK

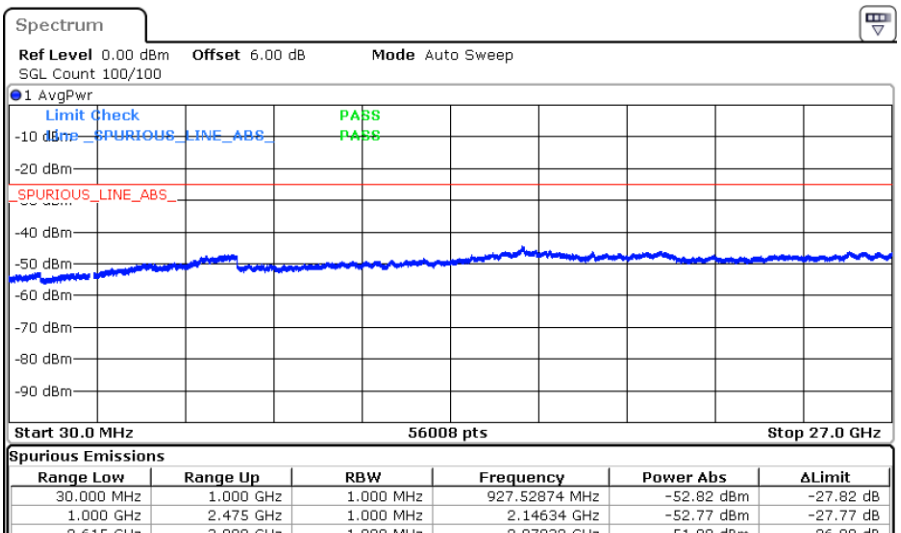


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.98001 MHz	-52.66 dBm	-27.66 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.10542 GHz	-52.78 dBm	-27.78 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.94930 GHz	-52.32 dBm	-27.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97075 GHz	-47.02 dBm	-22.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74479 GHz	-49.41 dBm	-24.41 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76728 GHz	-48.11 dBm	-23.11 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71204 GHz	-44.54 dBm	-19.54 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.49017 GHz	-46.05 dBm	-21.05 dB

Date: 18.NOV.2024 03:39:04

Highest Channel / QPSK



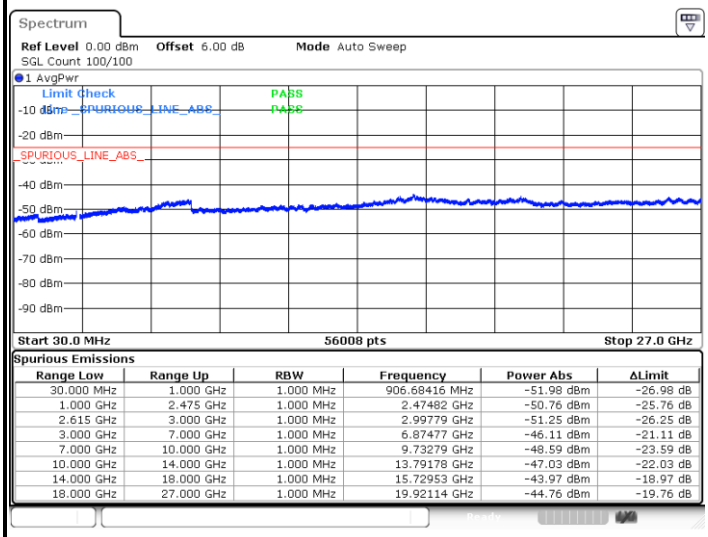
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	927.52874 MHz	-52.82 dBm	-27.82 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.14634 GHz	-52.77 dBm	-27.77 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97932 GHz	-51.99 dBm	-26.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86627 GHz	-47.04 dBm	-22.04 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74829 GHz	-49.61 dBm	-24.61 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.77278 GHz	-48.30 dBm	-23.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71554 GHz	-44.47 dBm	-19.47 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90414 GHz	-46.03 dBm	-21.03 dB

Date: 18.NOV.2024 03:43:42

LTE Band 7c / 15MHz+15MHz

Lowest Channel / QPSK

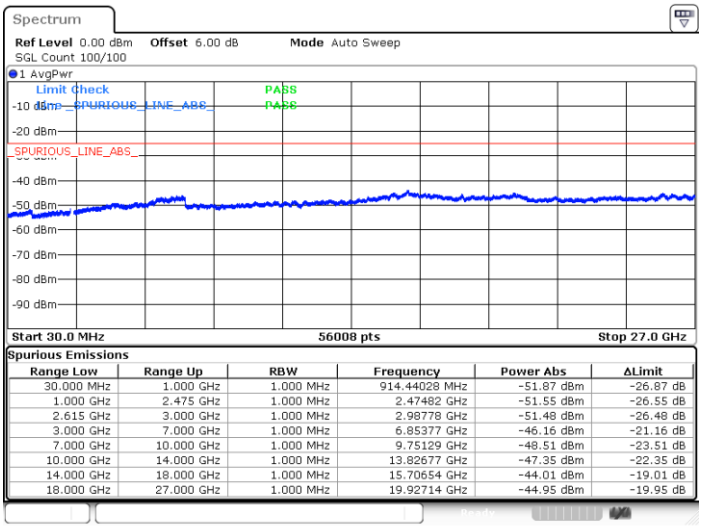


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.68416 MHz	-51.98 dBm	-26.98 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-50.76 dBm	-25.76 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99779 GHz	-51.25 dBm	-26.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87477 GHz	-46.11 dBm	-21.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73279 GHz	-48.59 dBm	-23.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79178 GHz	-47.03 dBm	-22.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72953 GHz	-43.97 dBm	-18.97 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92114 GHz	-44.76 dBm	-19.76 dB

Date: 17.NOV.2024 23:20:48

Middle Channel / QPSK

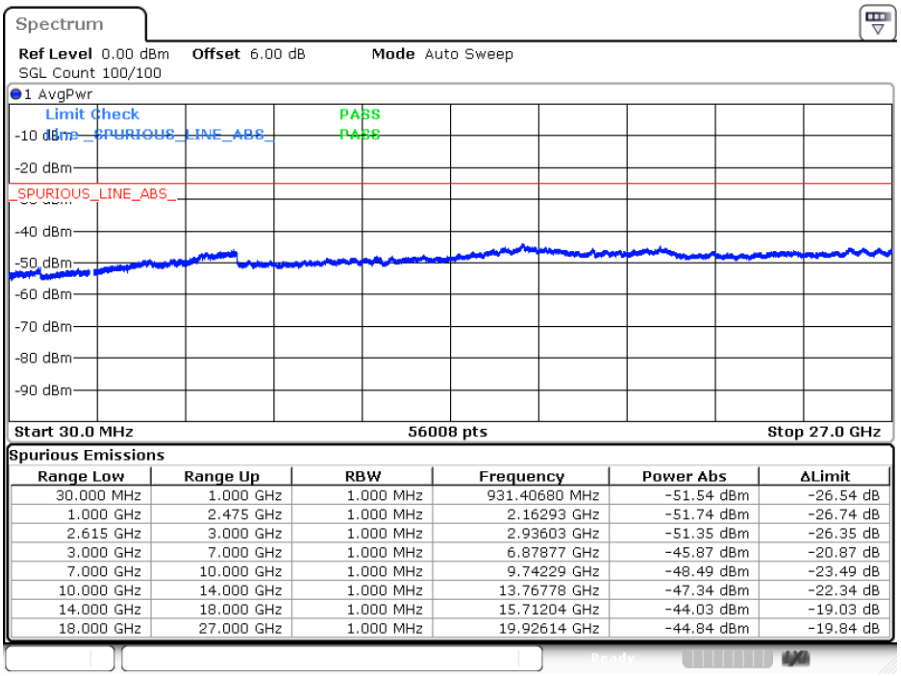


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.44028 MHz	-51.87 dBm	-26.87 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-51.55 dBm	-26.55 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.98778 GHz	-51.48 dBm	-26.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85377 GHz	-46.16 dBm	-21.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75129 GHz	-48.51 dBm	-23.51 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.82677 GHz	-47.35 dBm	-22.35 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.70654 GHz	-44.01 dBm	-19.01 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92714 GHz	-44.95 dBm	-19.95 dB

Date: 17.NOV.2024 23:36:42

Highest Channel / QPSK



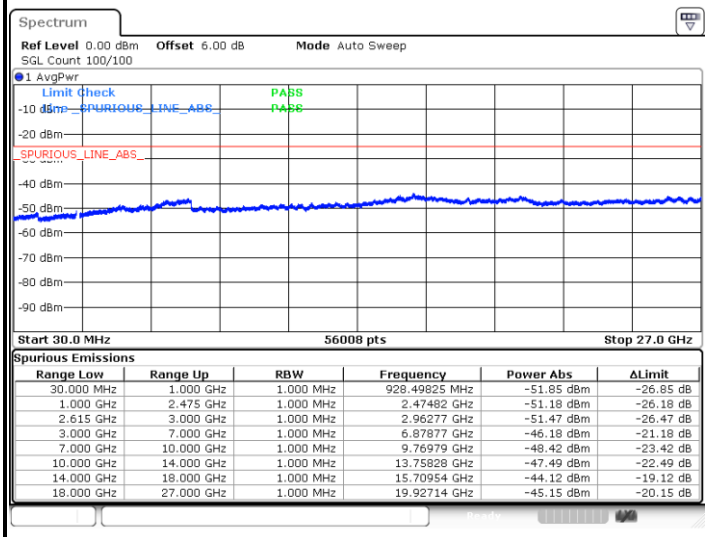
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-51.54 dBm	-26.54 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.16293 GHz	-51.74 dBm	-26.74 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.93603 GHz	-51.35 dBm	-26.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87877 GHz	-45.87 dBm	-20.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74229 GHz	-48.49 dBm	-23.49 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76778 GHz	-47.34 dBm	-22.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71204 GHz	-44.03 dBm	-19.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92614 GHz	-44.84 dBm	-19.84 dB

Date: 17.NOV.2024 23:38:44

LTE Band 7c / 15MHz+20MHz

Lowest Channel / QPSK

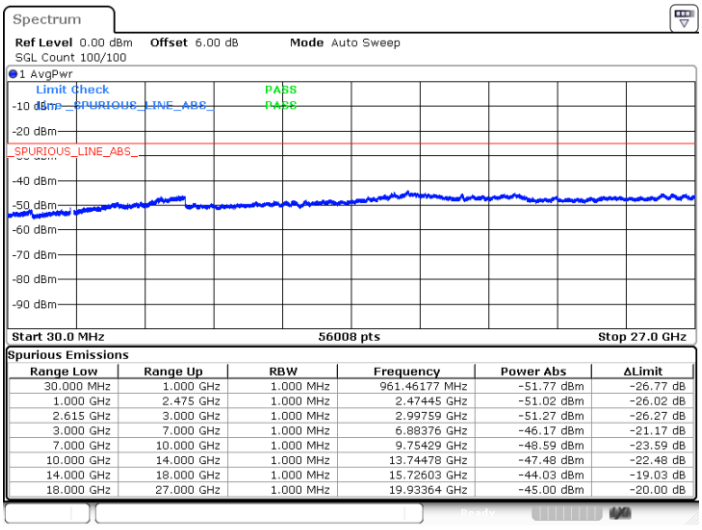


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.49825 MHz	-51.85 dBm	-26.85 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-51.18 dBm	-26.18 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.96277 GHz	-51.47 dBm	-26.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87877 GHz	-46.18 dBm	-21.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76979 GHz	-48.42 dBm	-23.42 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75828 GHz	-47.49 dBm	-22.49 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.70954 GHz	-44.12 dBm	-19.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92714 GHz	-45.15 dBm	-20.15 dB

Date: 17.NOV.2024 23:54:34

Middle Channel / QPSK

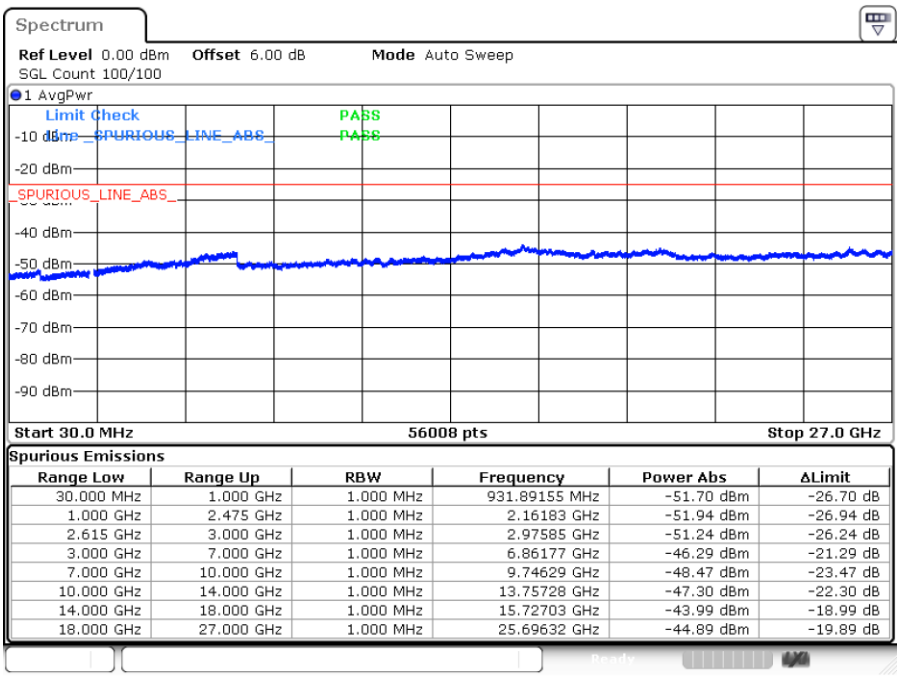


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	961.46177 MHz	-51.77 dBm	-26.77 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47445 GHz	-51.02 dBm	-26.02 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99759 GHz	-51.27 dBm	-26.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88376 GHz	-46.17 dBm	-21.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75429 GHz	-48.59 dBm	-23.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.74478 GHz	-47.48 dBm	-22.48 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72603 GHz	-44.03 dBm	-19.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93364 GHz	-45.00 dBm	-20.00 dB

Date: 18.NOV.2024 00:10:26

Highest Channel / QPSK



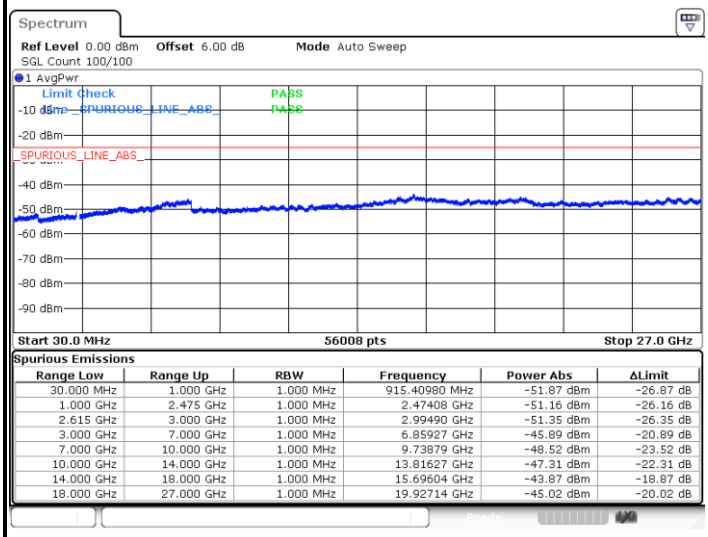
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.89155 MHz	-51.70 dBm	-26.70 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.16183 GHz	-51.94 dBm	-26.94 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97585 GHz	-51.24 dBm	-26.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86177 GHz	-46.29 dBm	-21.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74629 GHz	-48.47 dBm	-23.47 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75728 GHz	-47.30 dBm	-22.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72703 GHz	-43.99 dBm	-18.99 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.69632 GHz	-44.89 dBm	-19.89 dB

Date: 18.NOV.2024 00:12:29

LTE Band 7c / 20MHz+10MHz

Lowest Channel / QPSK

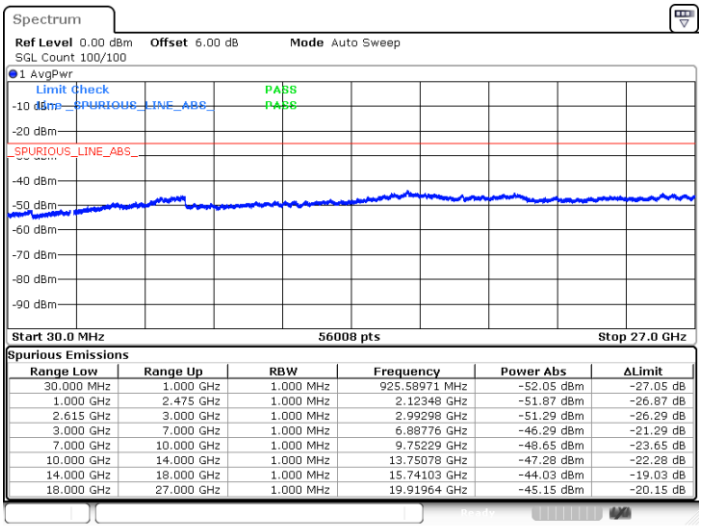


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.40980 MHz	-51.87 dBm	-26.87 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47408 GHz	-51.16 dBm	-26.16 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99490 GHz	-51.35 dBm	-26.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85927 GHz	-45.89 dBm	-20.89 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73879 GHz	-48.52 dBm	-23.52 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.81627 GHz	-47.31 dBm	-22.31 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.69604 GHz	-43.87 dBm	-18.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92714 GHz	-45.02 dBm	-20.02 dB

Date: 18.NOV.2024 00:28:22

Middle Channel / QPSK

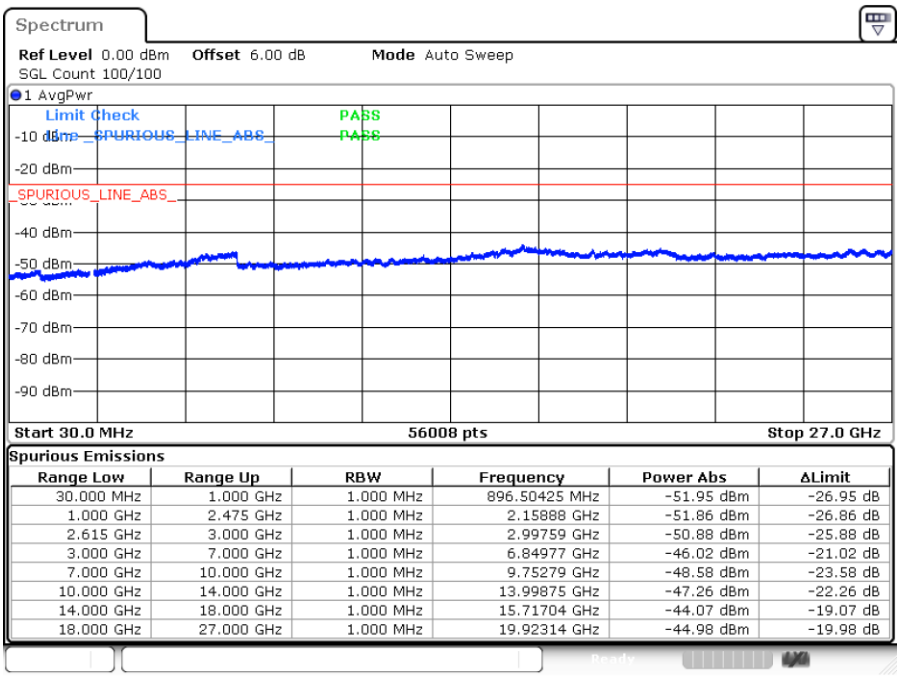


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-52.05 dBm	-27.05 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.12348 GHz	-51.87 dBm	-26.87 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99298 GHz	-51.29 dBm	-26.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88776 GHz	-46.29 dBm	-21.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75229 GHz	-48.65 dBm	-23.65 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75078 GHz	-47.28 dBm	-22.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74103 GHz	-44.03 dBm	-19.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91964 GHz	-45.15 dBm	-20.15 dB

Date: 18.NOV.2024 00:50:53

Highest Channel / QPSK



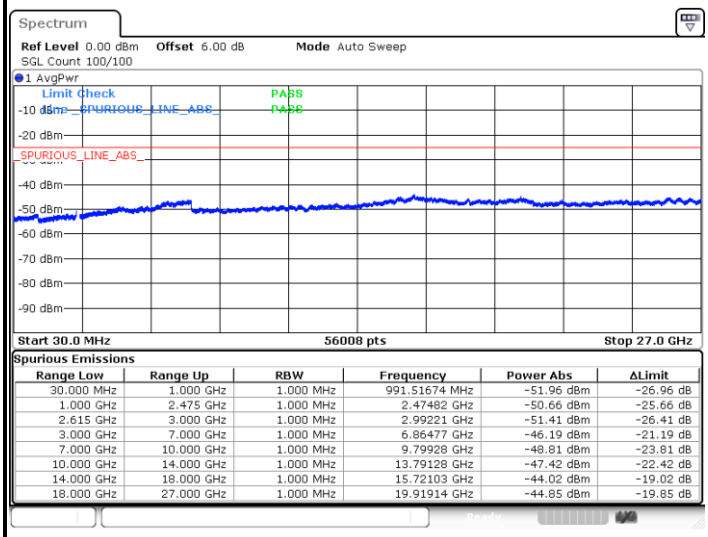
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.50425 MHz	-51.95 dBm	-26.95 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.15888 GHz	-51.86 dBm	-26.86 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99759 GHz	-50.88 dBm	-25.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84977 GHz	-46.02 dBm	-21.02 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75279 GHz	-48.58 dBm	-23.58 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99875 GHz	-47.26 dBm	-22.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71704 GHz	-44.07 dBm	-19.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92314 GHz	-44.98 dBm	-19.98 dB

Date: 18.NOV.2024 00:52:56

LTE Band 7c / 20MHz+15MHz

Lowest Channel / QPSK

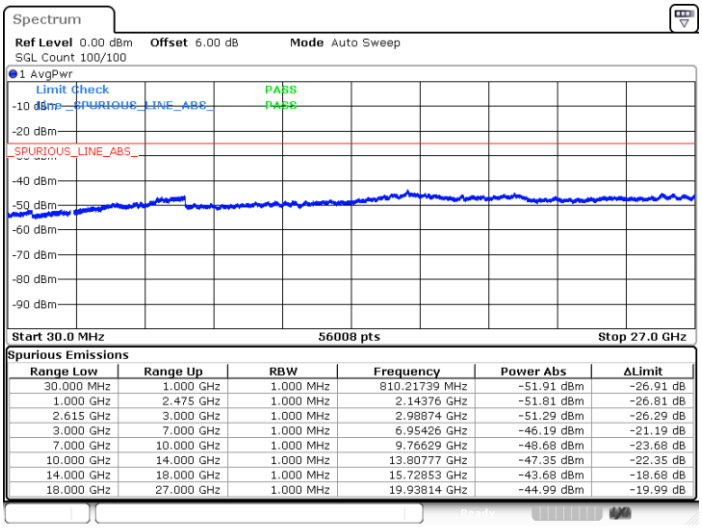


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-51.96 dBm	-26.96 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-50.66 dBm	-25.66 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99221 GHz	-51.41 dBm	-26.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86477 GHz	-46.19 dBm	-21.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.79928 GHz	-48.81 dBm	-23.81 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79128 GHz	-47.42 dBm	-22.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72103 GHz	-44.02 dBm	-19.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91914 GHz	-44.85 dBm	-19.85 dB

Date: 18.NOV.2024 01:08:47

Middle Channel / QPSK

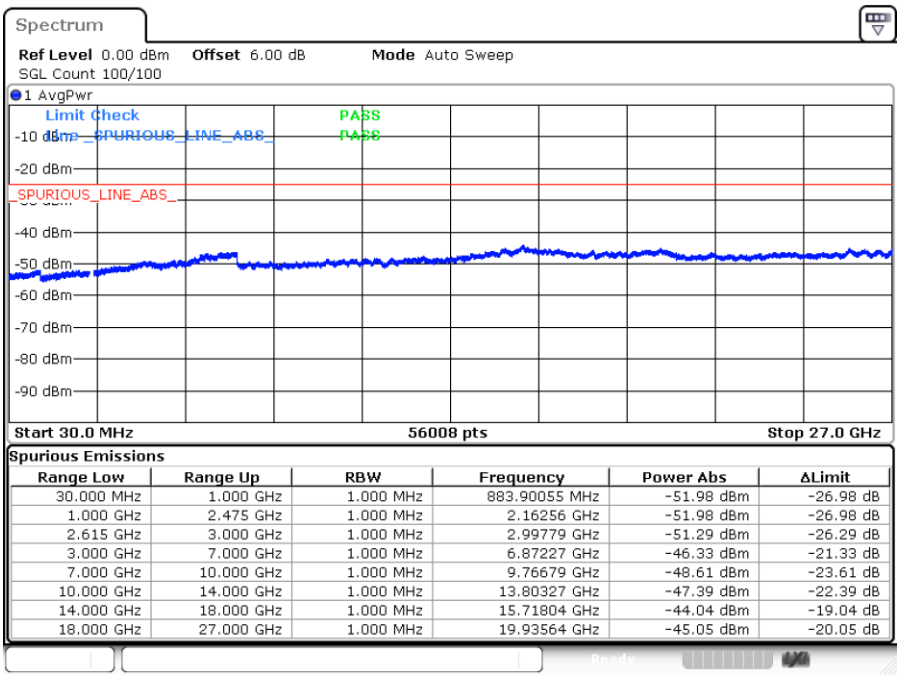


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	810.21739 MHz	-51.91 dBm	-26.91 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.14376 GHz	-51.81 dBm	-26.81 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.98874 GHz	-51.29 dBm	-26.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95426 GHz	-46.19 dBm	-21.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76629 GHz	-48.68 dBm	-23.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80777 GHz	-47.35 dBm	-22.35 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72853 GHz	-43.68 dBm	-18.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93814 GHz	-44.99 dBm	-19.99 dB

Date: 18.NOV.2024 01:24:34

Highest Channel / QPSK



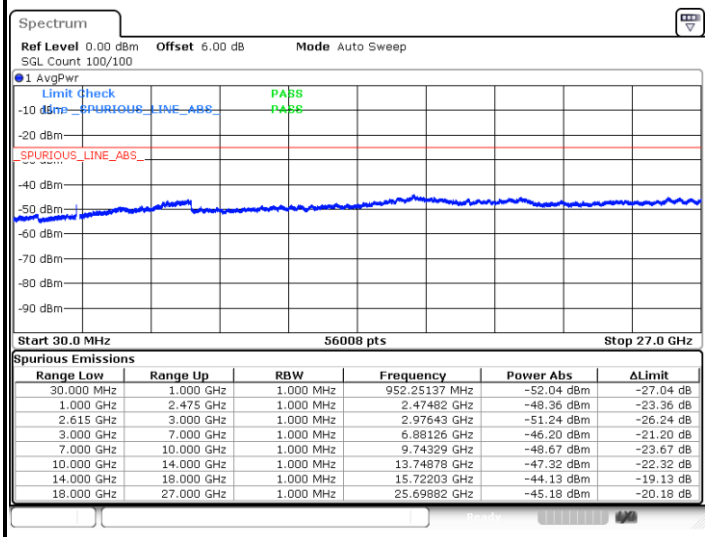
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.90055 MHz	-51.98 dBm	-26.98 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.16256 GHz	-51.98 dBm	-26.98 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99779 GHz	-51.29 dBm	-26.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87227 GHz	-46.33 dBm	-21.33 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76679 GHz	-48.61 dBm	-23.61 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80327 GHz	-47.39 dBm	-22.39 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71804 GHz	-44.04 dBm	-19.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93564 GHz	-45.05 dBm	-20.05 dB

Date: 18.NOV.2024 01:26:31

LTE Band 7c /20MHz+20MHz

Lowest Channel / QPSK

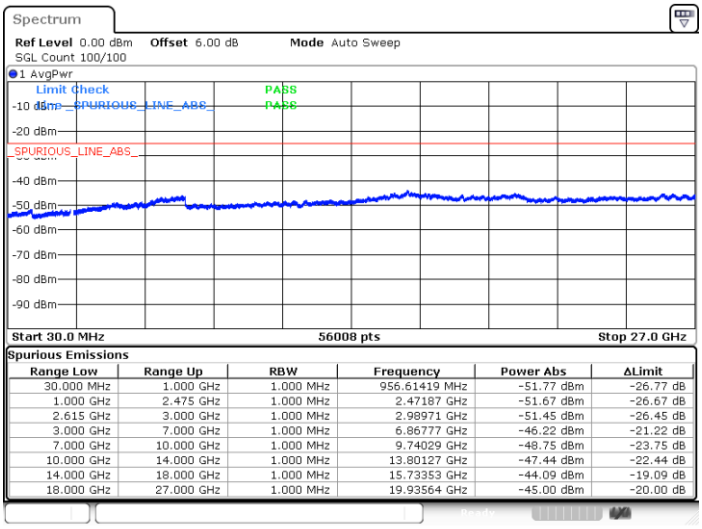


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.25137 MHz	-52.04 dBm	-27.04 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-48.36 dBm	-23.36 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.97643 GHz	-51.24 dBm	-26.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88126 GHz	-46.20 dBm	-21.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74329 GHz	-48.67 dBm	-23.67 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.74878 GHz	-47.32 dBm	-22.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72203 GHz	-44.13 dBm	-19.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.69882 GHz	-45.18 dBm	-20.18 dB

Date: 18.NOV.2024 01:58:07

Middle Channel / QPSK

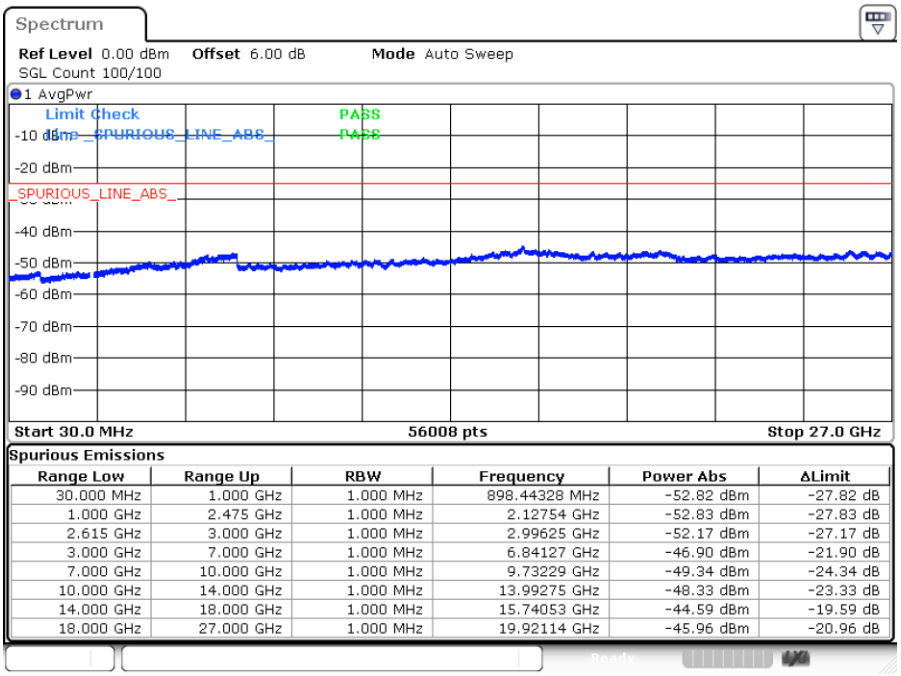


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.61419 MHz	-51.77 dBm	-26.77 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47187 GHz	-51.67 dBm	-26.67 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.98971 GHz	-51.45 dBm	-26.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86777 GHz	-46.22 dBm	-21.22 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74029 GHz	-48.75 dBm	-23.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.80127 GHz	-47.44 dBm	-22.44 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73353 GHz	-44.09 dBm	-19.09 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93564 GHz	-45.00 dBm	-20.00 dB

Date: 18.NOV.2024 02:13:52

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	898.44328 MHz	-52.82 dBm	-27.82 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.12754 GHz	-52.83 dBm	-27.83 dB
2.615 GHz	3.000 GHz	1.000 MHz	2.99625 GHz	-52.17 dBm	-27.17 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84127 GHz	-46.90 dBm	-21.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.73229 GHz	-49.34 dBm	-24.34 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.99275 GHz	-48.33 dBm	-23.33 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74053 GHz	-44.59 dBm	-19.59 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92114 GHz	-45.96 dBm	-20.96 dB

Date: 18.NOV.2024 06:14:51

Frequency Stability

Test Conditions		LTE Band 7c (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0032	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.91 V. ; Minimum Voltage =3.45 V. ; Maximum Voltage =4.53 V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.

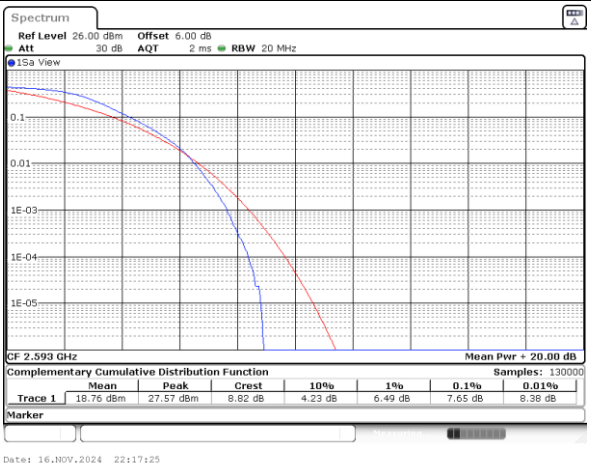
LTE Band 41

Peak-to-Average Ratio

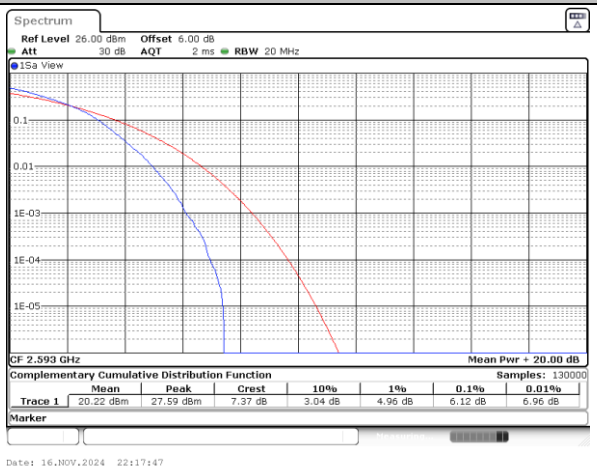
Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	7.65	6.12	7.57	PASS

LTE Band 41 / 20MHz

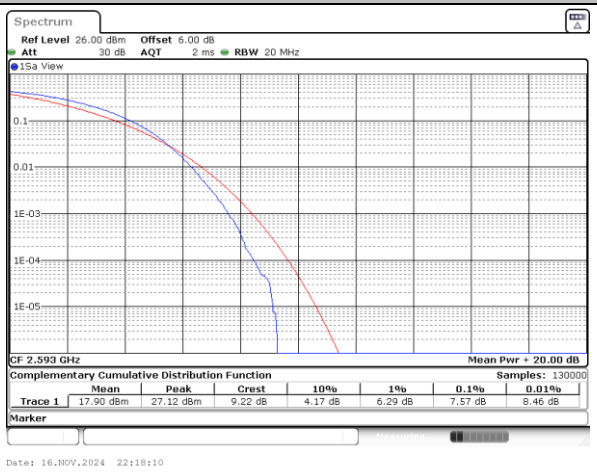
Middle Channel / Full RB/ QPSK



Middle Channel / Full RB/ 16QAM



Middle Channel / Full RB/ 64QAM

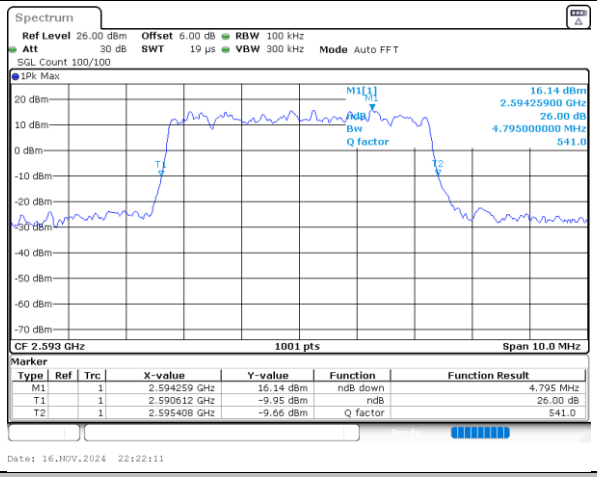


26dB Bandwidth

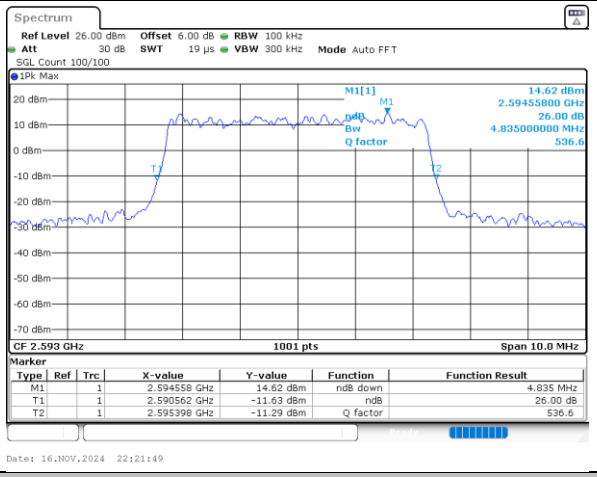
Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.80	4.84	9.73	9.75	14.18	14.21	19.10	18.62

LTE Band 41

Middle Channel / 5MHz / QPSK

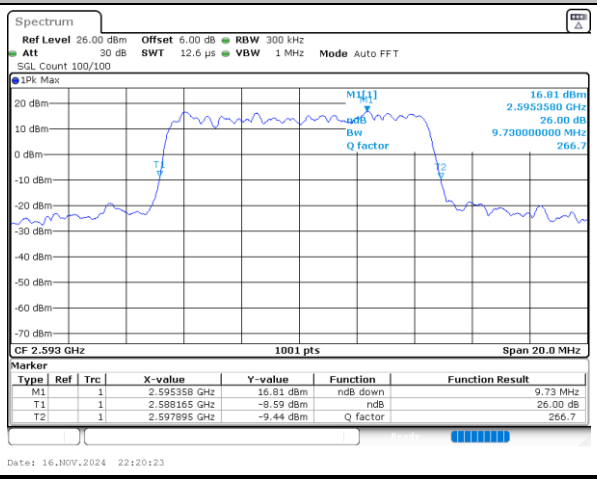


Middle Channel / 5MHz / 16QAM

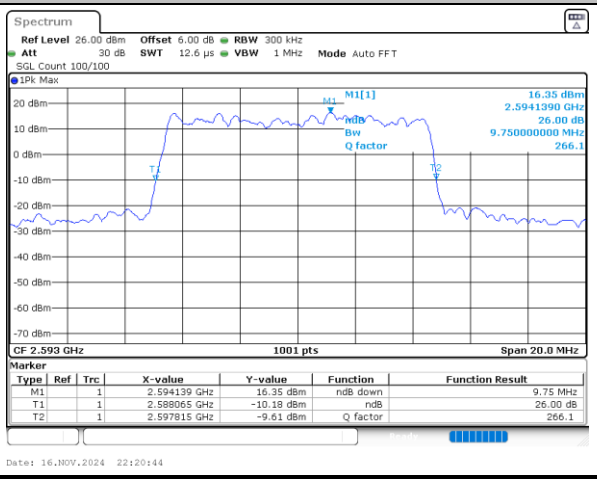


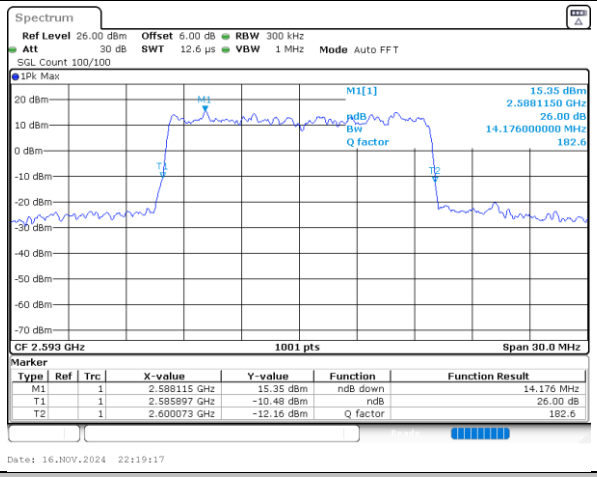
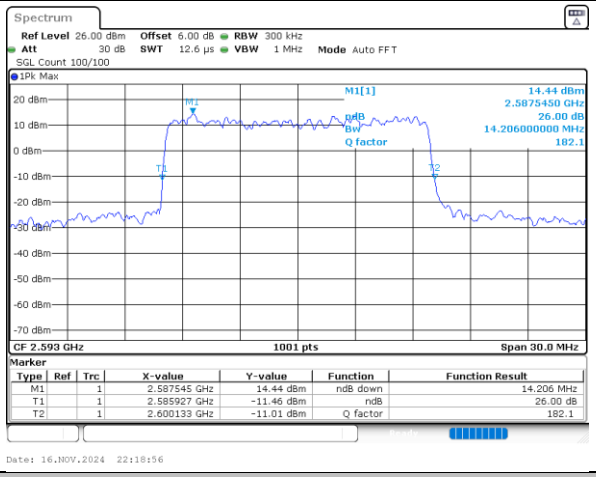
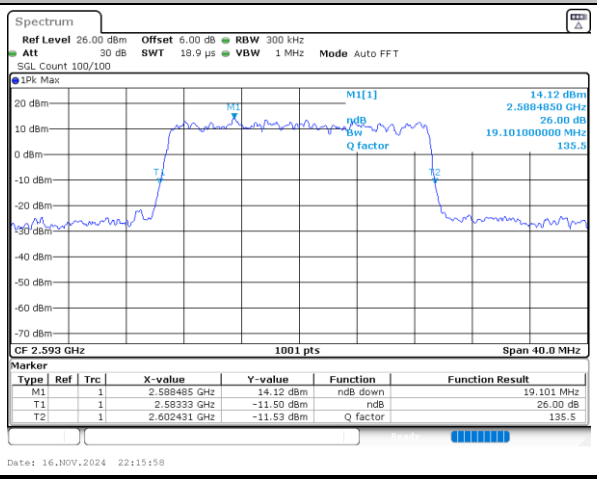
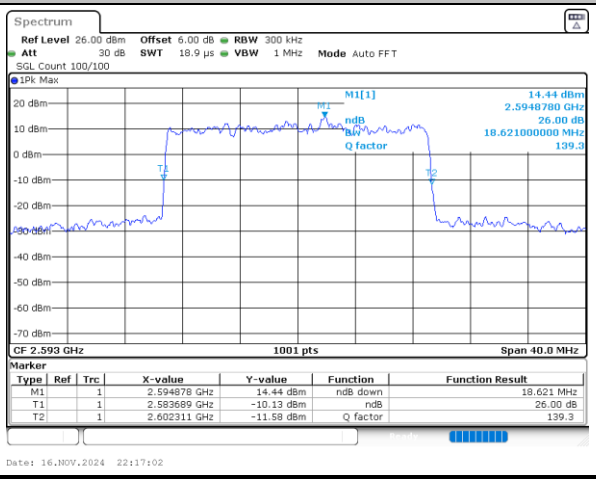
LTE Band 41

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



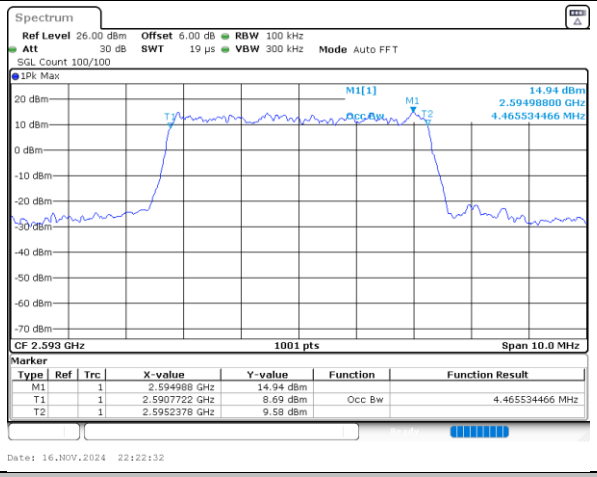
LTE Band 41	
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
	
LTE Band 41	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

Occupied Bandwidth

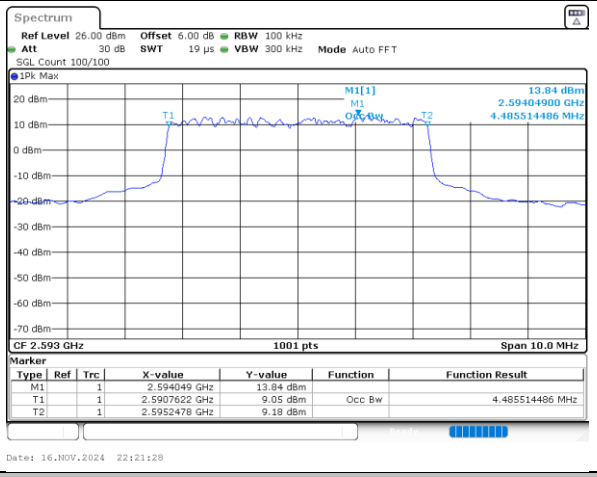
Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.47	4.49	8.99	9.05	13.5	13.4	17.8	17.9

LTE Band 41

Middle Channel / 5MHz / QPSK

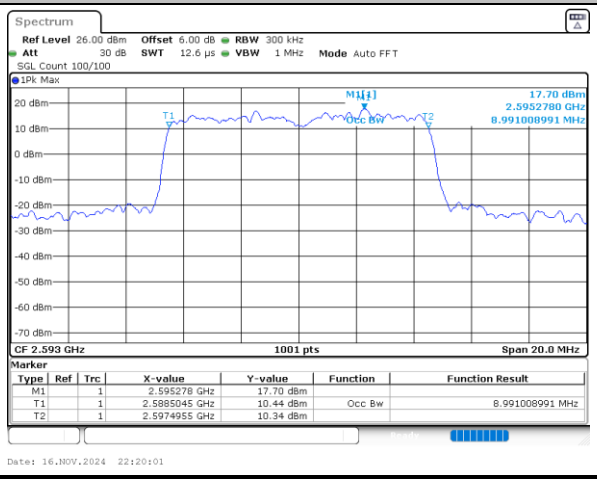


Middle Channel / 5MHz / 16QAM

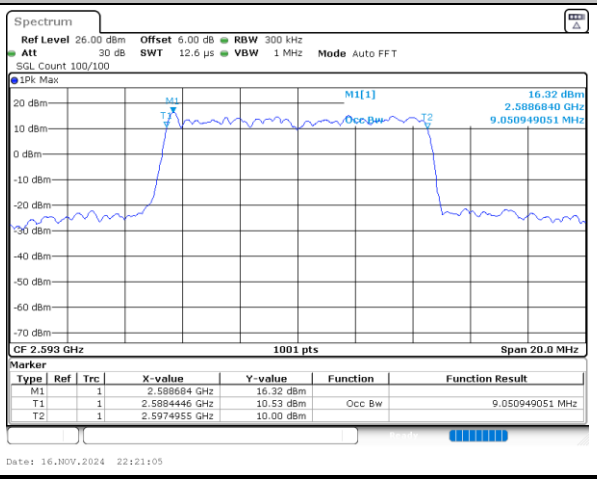


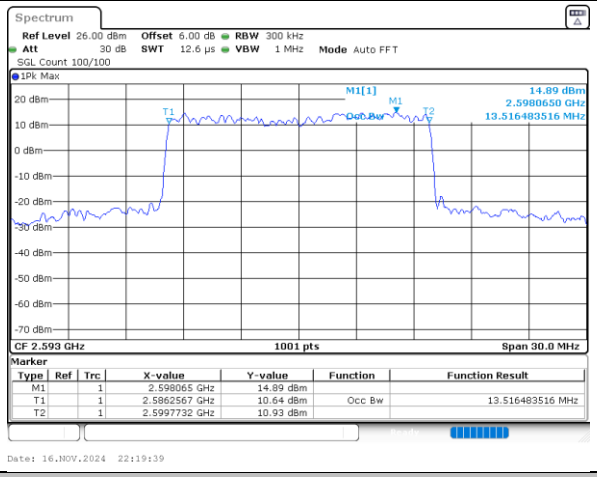
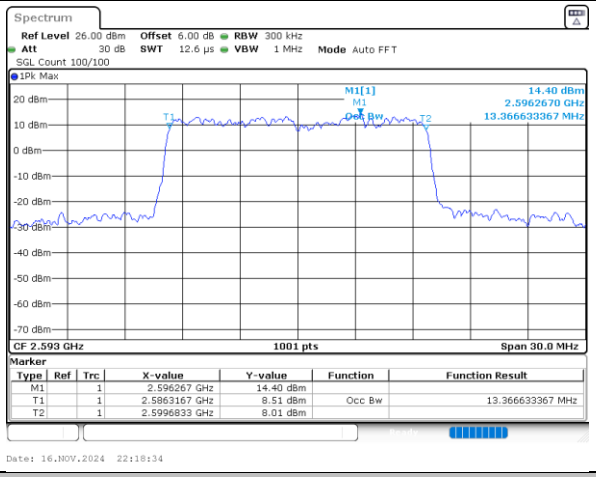
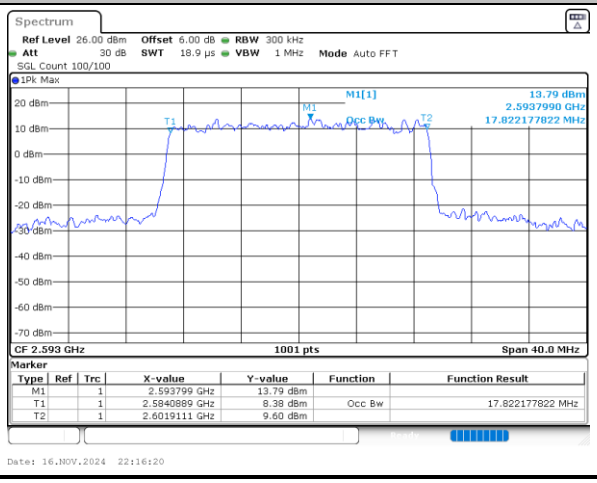
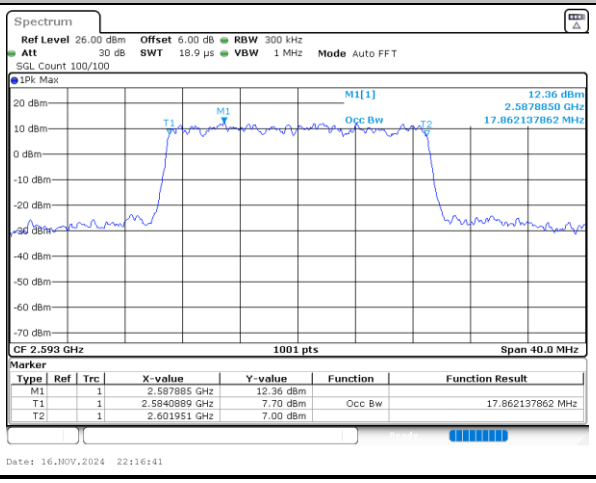
LTE Band 41

Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM

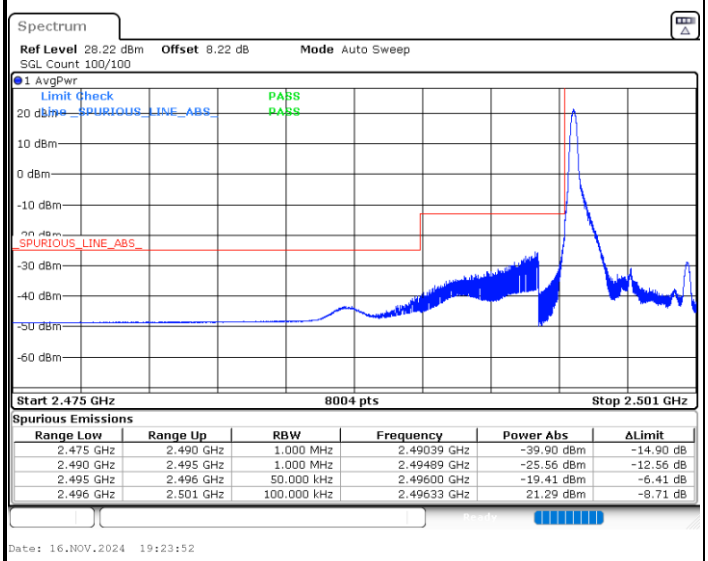


LTE Band 41	
Middle Channel / 15MHz / QPSK	**Middle Channel / 15MHz / 16QAM**
	
LTE Band 41	
Middle Channel / 20MHz / QPSK	**Middle Channel / 20MHz / 16QAM**
	

Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49039 GHz	-39.90 dBm	-14.90 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49489 GHz	-25.56 dBm	-12.56 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-19.41 dBm	-6.41 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49633 GHz	21.29 dBm	-8.71 dB

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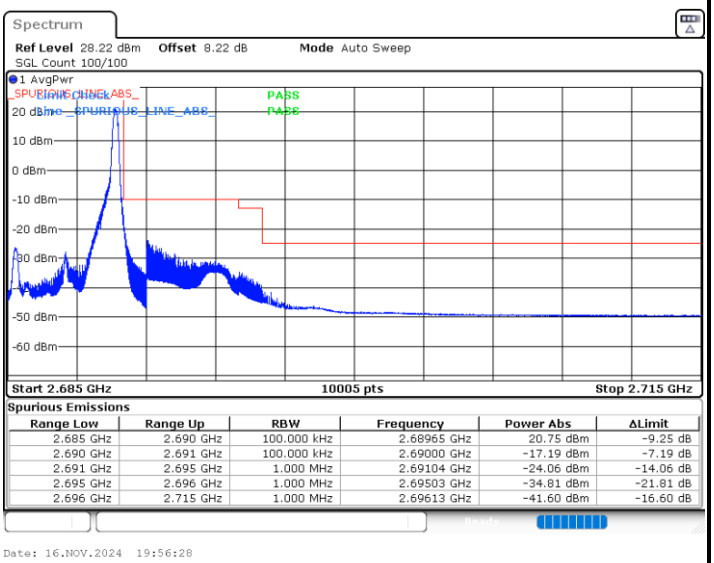
Highest Band Edge / 1 RB

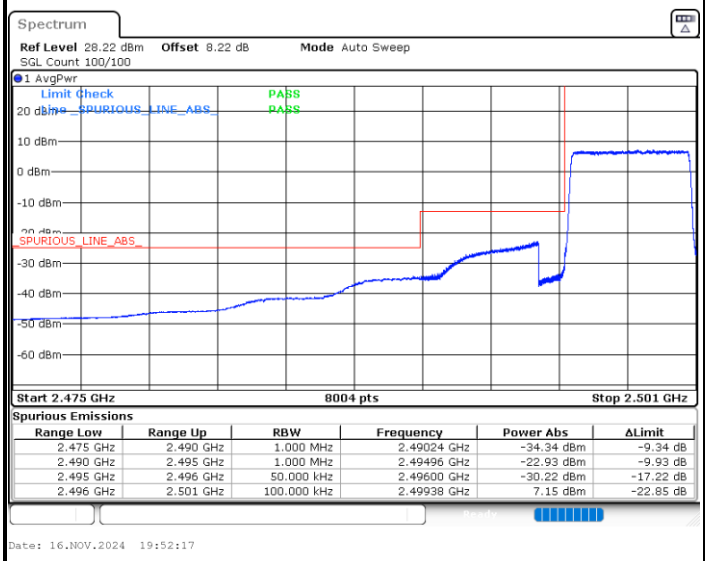


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68965 GHz	20.75 dBm	-9.25 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-17.19 dBm	-7.19 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69104 GHz	-24.06 dBm	-14.06 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69503 GHz	-34.81 dBm	-21.81 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69613 GHz	-41.60 dBm	-16.60 dB

Date: 16.NOV.2024 19:56:28

Lowest Band Edge / Full RB

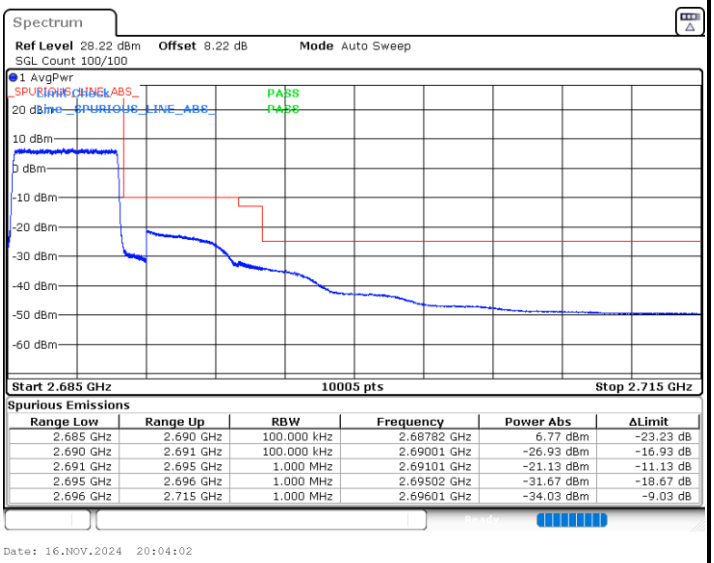


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49024 GHz	-34.34 dBm	-9.34 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49496 GHz	-22.93 dBm	-9.93 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-30.22 dBm	-17.22 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49938 GHz	7.15 dBm	-22.85 dB

Date: 16.NOV.2024 19:52:17

Highest Band Edge / Full RB



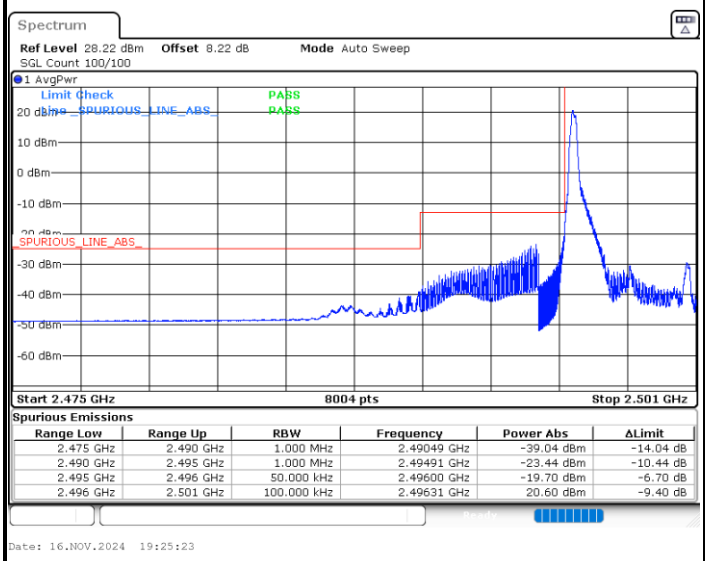
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68782 GHz	6.77 dBm	-23.23 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69001 GHz	-26.93 dBm	-16.93 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69101 GHz	-21.13 dBm	-11.13 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69502 GHz	-31.67 dBm	-18.67 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69601 GHz	-34.03 dBm	-9.03 dB

Date: 16.NOV.2024 20:04:02

LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB

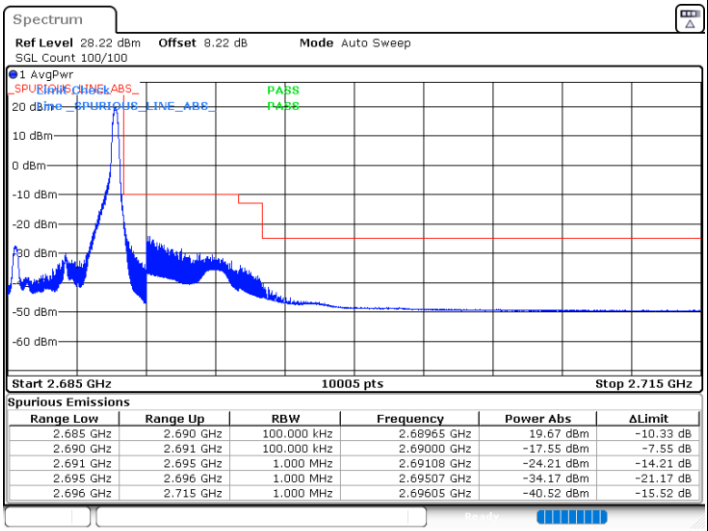


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-39.04 dBm	-14.04 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49491 GHz	-23.44 dBm	-10.44 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-19.70 dBm	-6.70 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49631 GHz	20.60 dBm	-9.40 dB

Date: 16.NOV.2024 19:25:23

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68965 GHz	19.67 dBm	-10.33 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-17.55 dBm	-7.55 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69108 GHz	-24.21 dBm	-14.21 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69507 GHz	-34.17 dBm	-21.17 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69605 GHz	-40.52 dBm	-15.52 dB

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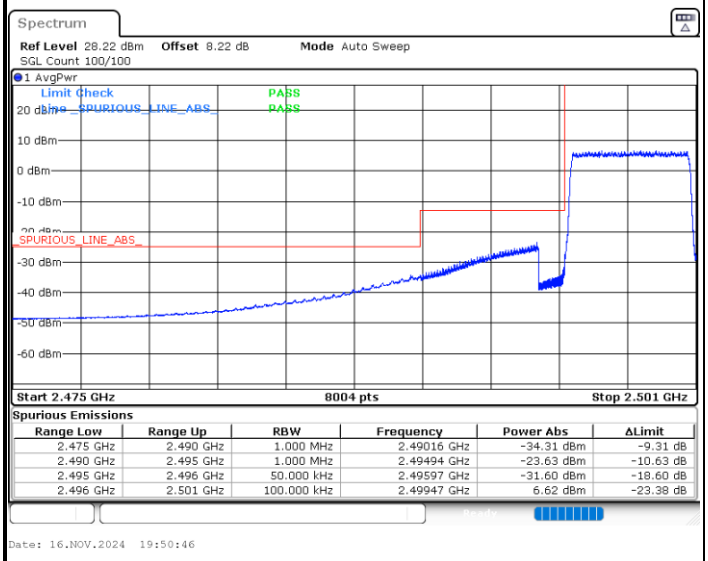
Lowest Band Edge / Full RB

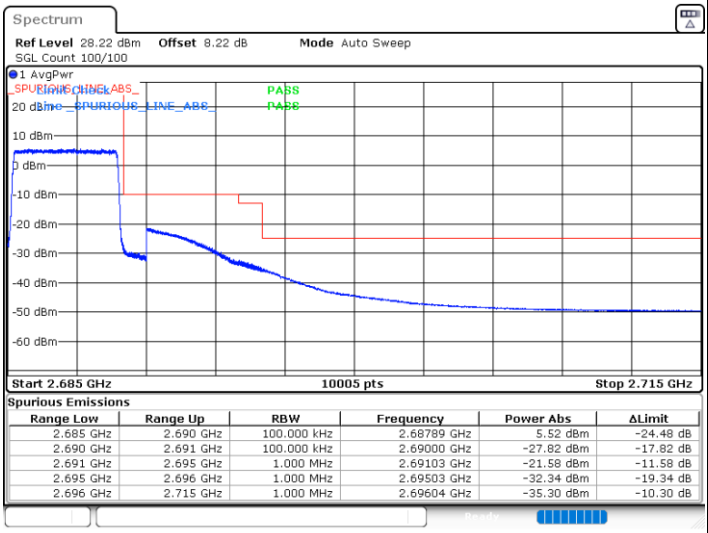


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49016 GHz	-34.31 dBm	-9.31 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49494 GHz	-23.63 dBm	-10.63 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49597 GHz	-31.60 dBm	-18.60 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49947 GHz	6.62 dBm	-23.38 dB

Date: 16.NOV.2024 19:50:46

Highest Band Edge / Full RB



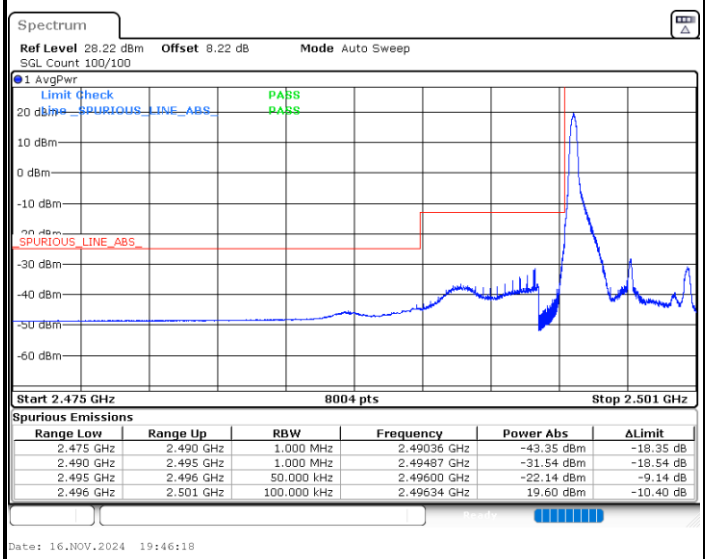
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68789 GHz	5.52 dBm	-24.48 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-27.82 dBm	-17.82 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69103 GHz	-21.58 dBm	-11.58 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69503 GHz	-32.34 dBm	-19.34 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69604 GHz	-35.30 dBm	-10.30 dB

Date: 16.NOV.2024 20:02:31

LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB

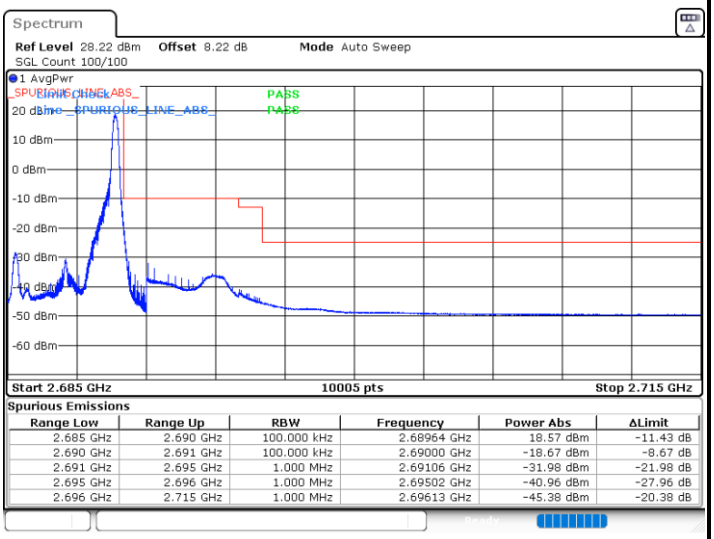


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49036 GHz	-43.35 dBm	-18.35 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49487 GHz	-31.54 dBm	-18.54 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-22.14 dBm	-9.14 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49634 GHz	19.60 dBm	-10.40 dB

Date: 16.NOV.2024 19:46:18

Highest Band Edge / 1 RB

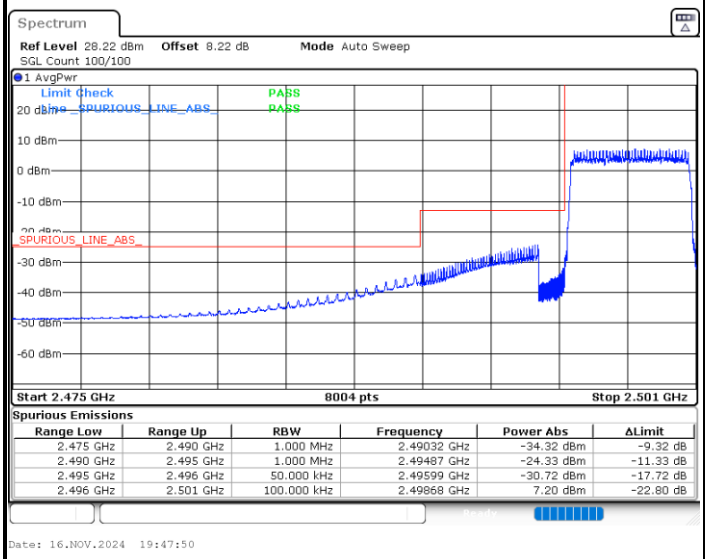


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68964 GHz	18.57 dBm	-11.43 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69000 GHz	-18.67 dBm	-8.67 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69106 GHz	-31.98 dBm	-21.98 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69502 GHz	-40.96 dBm	-27.96 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69613 GHz	-45.38 dBm	-20.38 dB

Date: 16.NOV.2024 19:59:30

Lowest Band Edge / Full RB

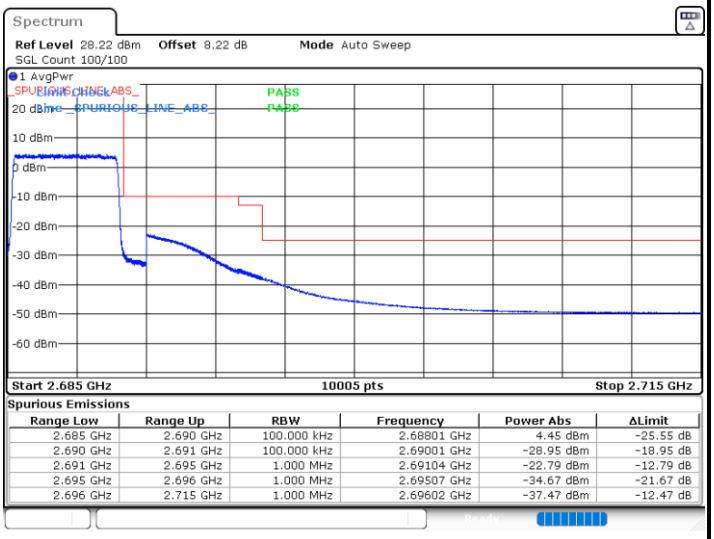


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49032 GHz	-34.32 dBm	-9.32 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49487 GHz	-24.33 dBm	-11.33 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-30.72 dBm	-17.72 dB
2.496 GHz	2.501 GHz	100.000 kHz	2.49868 GHz	7.20 dBm	-22.80 dB

Date: 16.NOV.2024 19:47:50

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.685 GHz	2.690 GHz	100.000 kHz	2.68801 GHz	4.45 dBm	-25.55 dB
2.690 GHz	2.691 GHz	100.000 kHz	2.69001 GHz	-28.95 dBm	-18.95 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69104 GHz	-22.79 dBm	-12.79 dB
2.695 GHz	2.696 GHz	1.000 MHz	2.69507 GHz	-34.67 dBm	-21.67 dB
2.696 GHz	2.715 GHz	1.000 MHz	2.69602 GHz	-37.47 dBm	-12.47 dB

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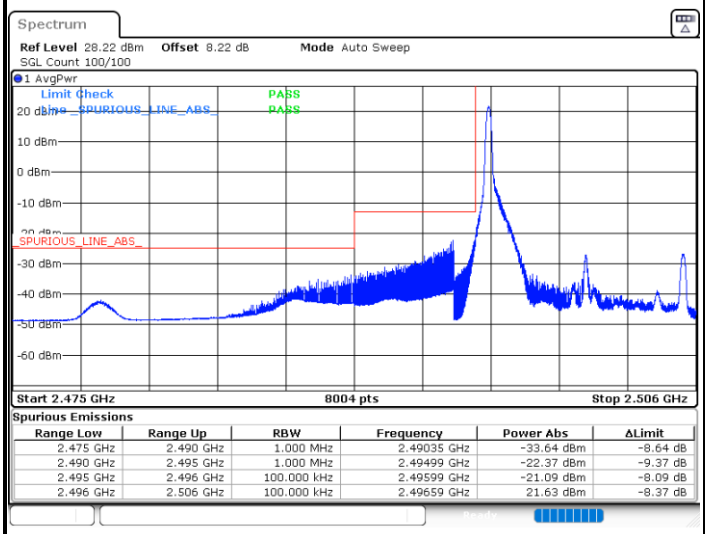
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49035 GHz	-33.64 dBm	-8.64 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-22.37 dBm	-9.37 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49599 GHz	-21.09 dBm	-8.09 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49659 GHz	21.63 dBm	-8.37 dB

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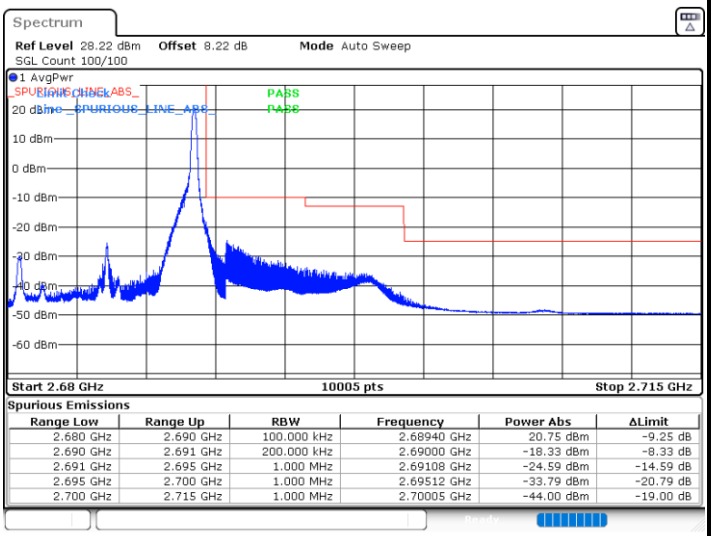
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68940 GHz	20.75 dBm	-9.25 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69000 GHz	-18.33 dBm	-8.33 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69108 GHz	-24.59 dBm	-14.59 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69512 GHz	-33.79 dBm	-20.79 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70005 GHz	-44.00 dBm	-19.00 dB

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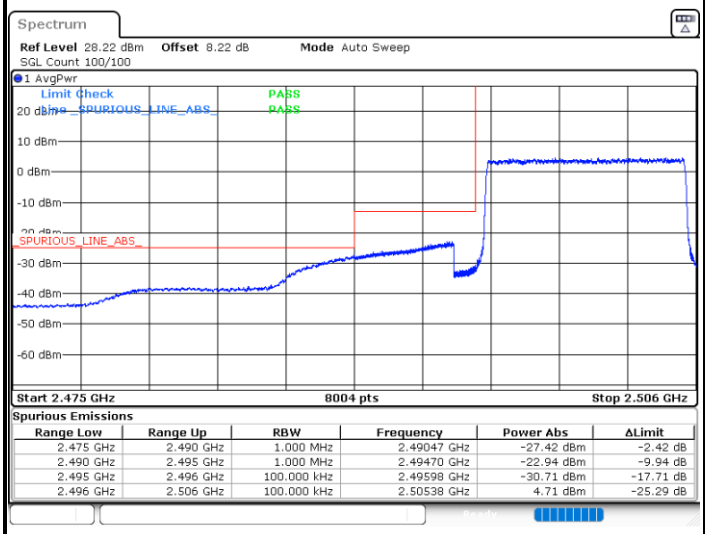
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-27.42 dBm	-2.42 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49470 GHz	-22.94 dBm	-9.94 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49598 GHz	-30.71 dBm	-17.71 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.50538 GHz	4.71 dBm	-25.29 dB

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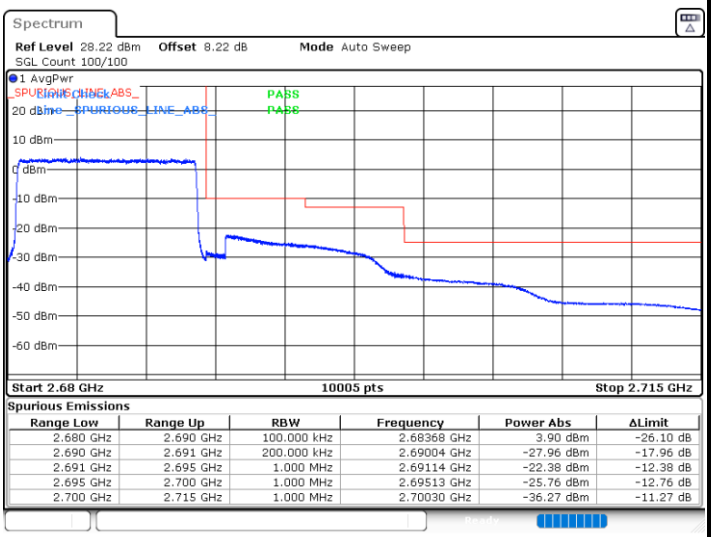
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68368 GHz	3.90 dBm	-26.10 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69004 GHz	-27.96 dBm	-17.96 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69114 GHz	-22.38 dBm	-12.38 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69513 GHz	-25.76 dBm	-12.76 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70030 GHz	-36.27 dBm	-11.27 dB

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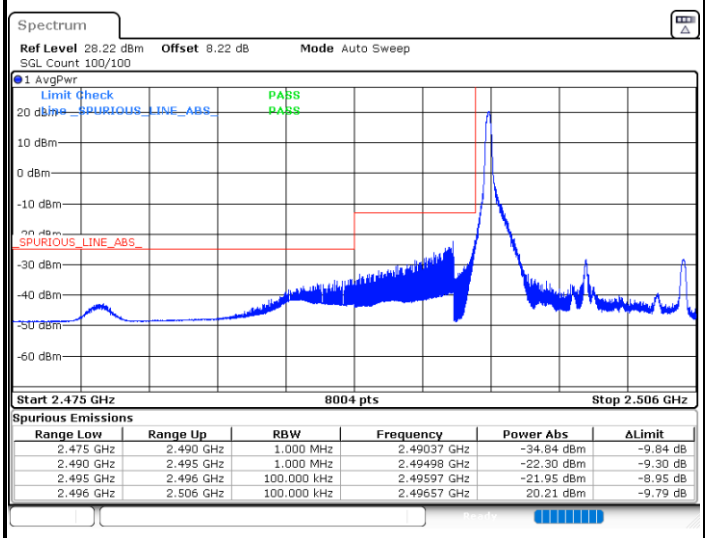
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49037 GHz	-34.84 dBm	-9.84 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-22.30 dBm	-9.30 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49597 GHz	-21.95 dBm	-8.95 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49657 GHz	20.21 dBm	-9.79 dB

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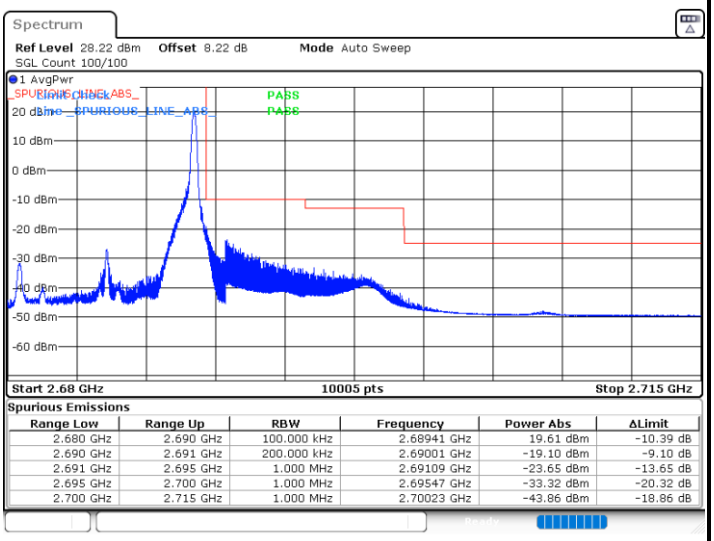
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68941 GHz	19.61 dBm	-10.39 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69001 GHz	-19.10 dBm	-9.10 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69109 GHz	-23.65 dBm	-13.65 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69547 GHz	-33.32 dBm	-20.32 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70023 GHz	-43.86 dBm	-18.86 dB

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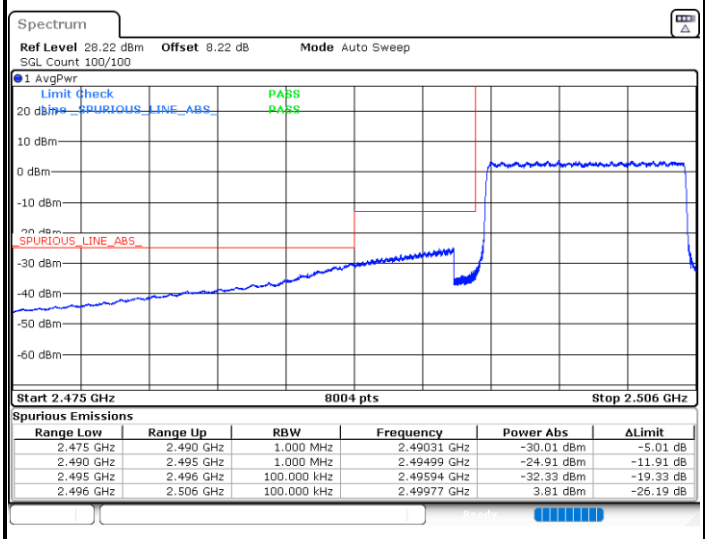
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49031 GHz	-30.01 dBm	-5.01 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-24.91 dBm	-11.91 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49594 GHz	-32.33 dBm	-19.33 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.49977 GHz	3.81 dBm	-26.19 dB

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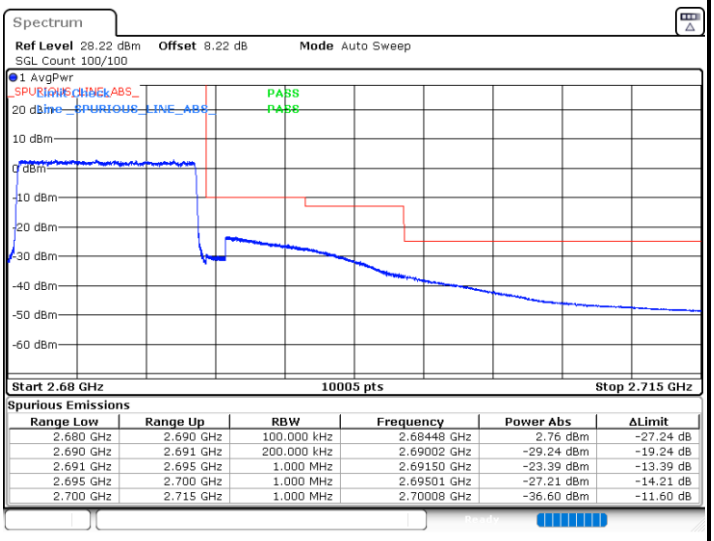
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68448 GHz	2.76 dBm	-27.24 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69002 GHz	-29.24 dBm	-19.24 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69150 GHz	-23.39 dBm	-13.39 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69501 GHz	-27.21 dBm	-14.21 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70008 GHz	-36.60 dBm	-11.60 dB

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