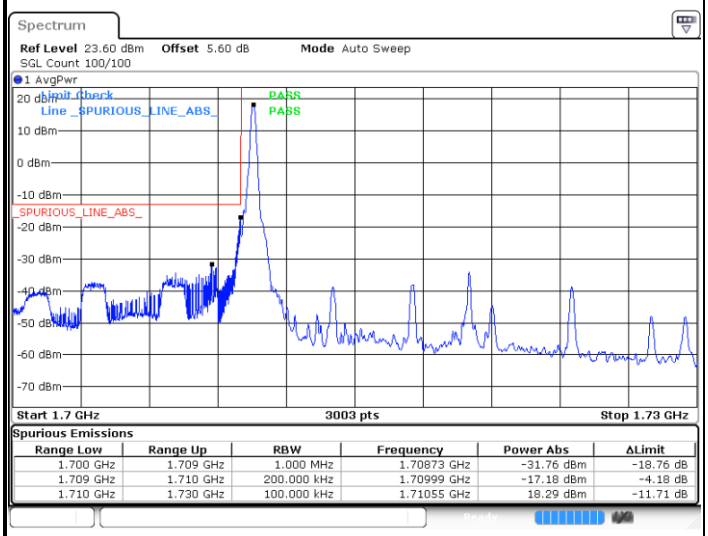
5G NR n66 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

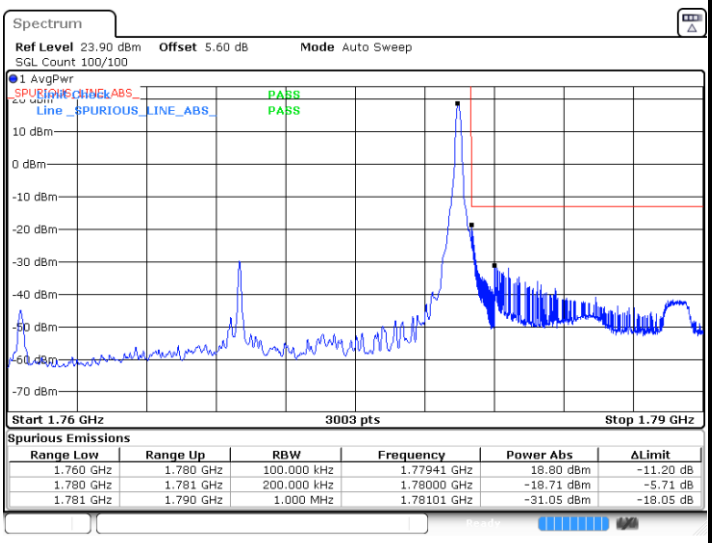


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70873 GHz	-31.76 dBm	-18.76 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-17.18 dBm	-4.18 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71055 GHz	18.29 dBm	-11.71 dB

Date: 29.JUN.2020 00:44:02

Highest Band Edge / 1RBMAX

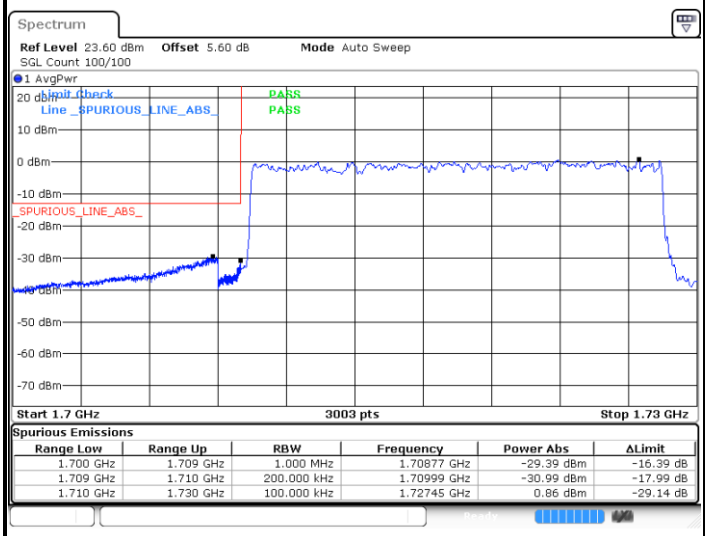


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77941 GHz	18.80 dBm	-11.20 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78000 GHz	-18.71 dBm	-5.71 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-31.05 dBm	-18.05 dB

Date: 29.JUN.2020 01:16:56

Lowest Band Edge / Full RB

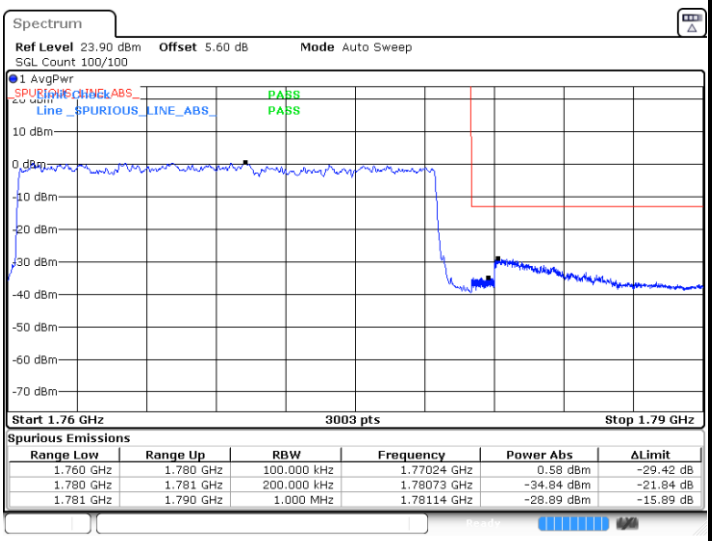


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70877 GHz	-29.39 dBm	-16.39 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-30.99 dBm	-17.99 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72745 GHz	0.86 dBm	-29.14 dB

Date: 29.JUN.2020 00:39:15

Highest Band Edge / Full RB



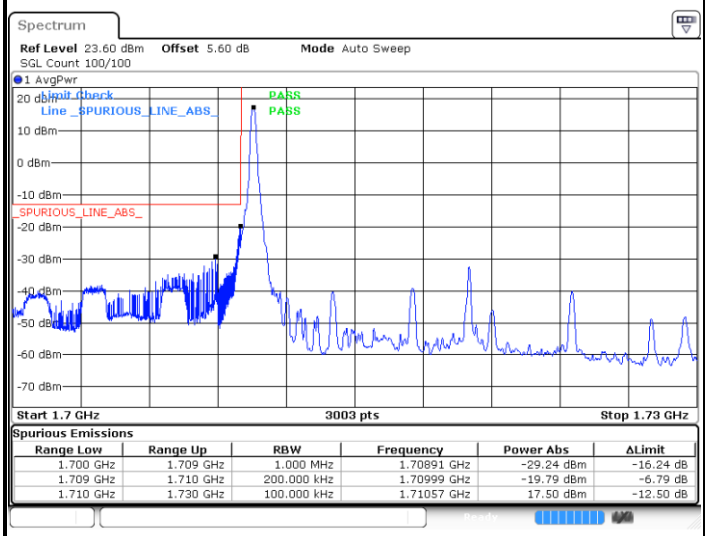
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77024 GHz	0.58 dBm	-29.42 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78073 GHz	-34.84 dBm	-21.84 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78114 GHz	-28.89 dBm	-15.89 dB

Date: 29.JUN.2020 01:12:09

5G NR n66 / 20MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

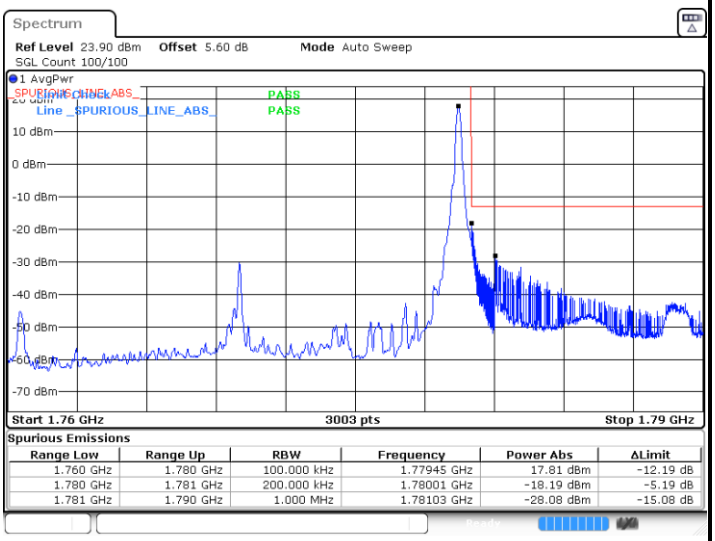


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-29.24 dBm	-16.24 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-19.79 dBm	-6.79 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71057 GHz	17.50 dBm	-12.50 dB

Date: 29.JUN.2020 00:45:12

Highest Band Edge / 1RBMAX

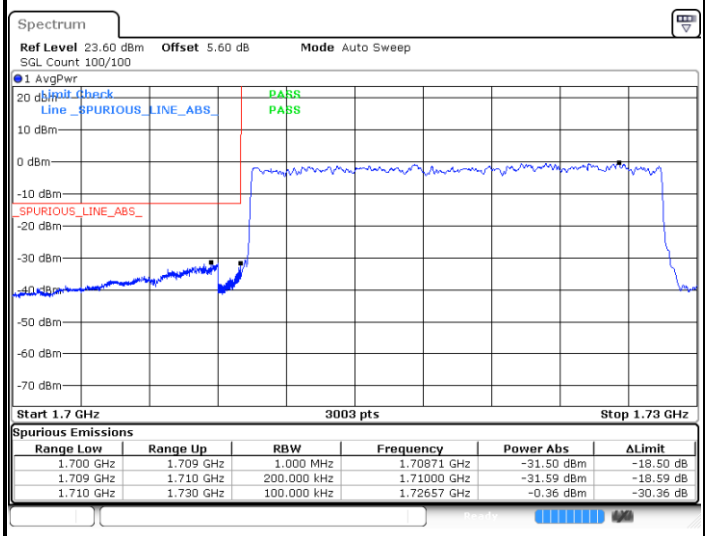


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77945 GHz	17.81 dBm	-12.19 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-18.19 dBm	-5.19 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78103 GHz	-28.08 dBm	-15.08 dB

Date: 29.JUN.2020 01:17:07

Lowest Band Edge / Full RB

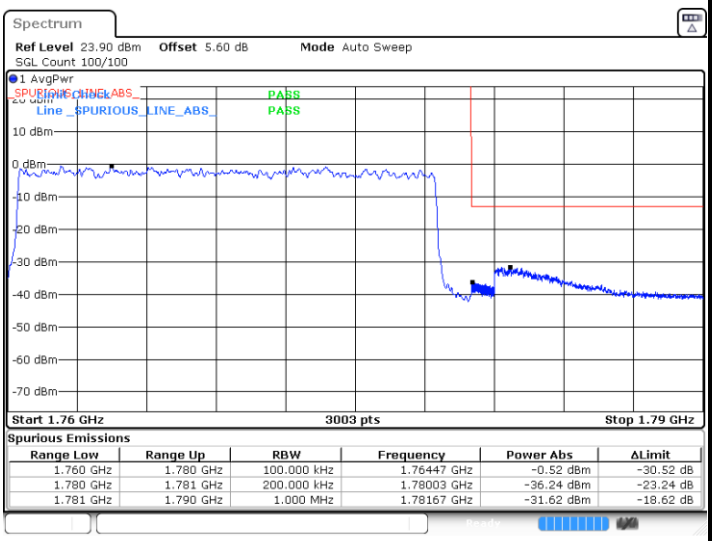


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70871 GHz	-31.50 dBm	-18.50 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-31.59 dBm	-18.59 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72657 GHz	-0.36 dBm	-30.36 dB

Date: 29.JUN.2020 00:40:05

Highest Band Edge / Full RB



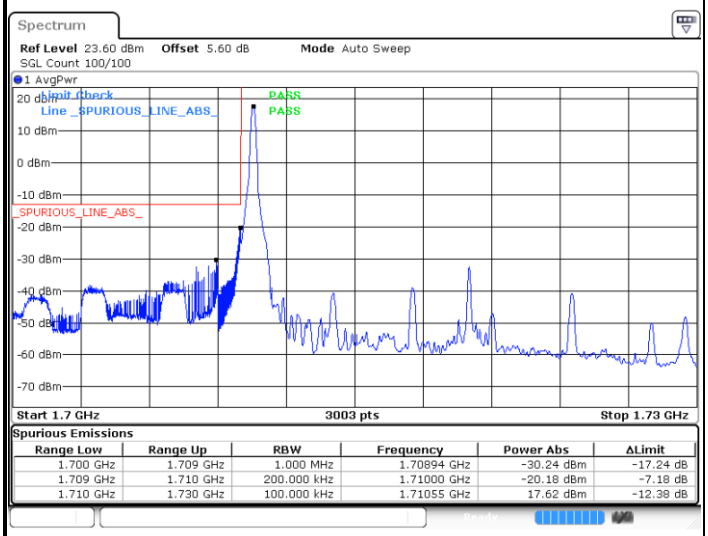
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76447 GHz	-0.52 dBm	-30.52 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78003 GHz	-36.24 dBm	-23.24 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78167 GHz	-31.62 dBm	-18.62 dB

Date: 29.JUN.2020 01:12:46

5G NR n66 / 20MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

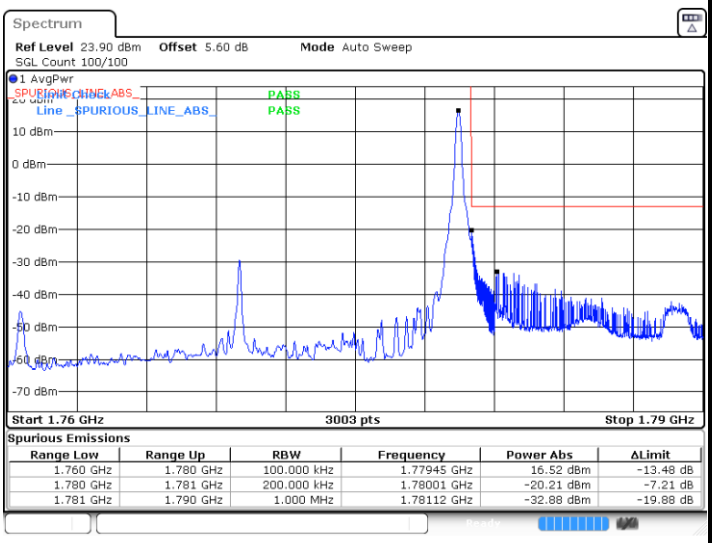


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-30.24 dBm	-17.24 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.71000 GHz	-20.18 dBm	-7.18 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71055 GHz	17.62 dBm	-12.38 dB

Date: 29.JUN.2020 00:46:51

Highest Band Edge / 1RBMAX

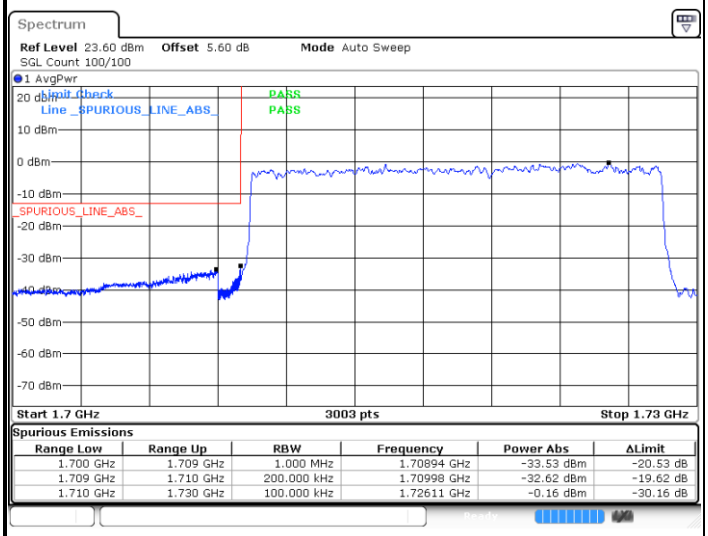


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77945 GHz	16.52 dBm	-13.48 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-20.21 dBm	-7.21 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78112 GHz	-32.88 dBm	-19.88 dB

Date: 29.JUN.2020 01:17:18

Lowest Band Edge / Full RB

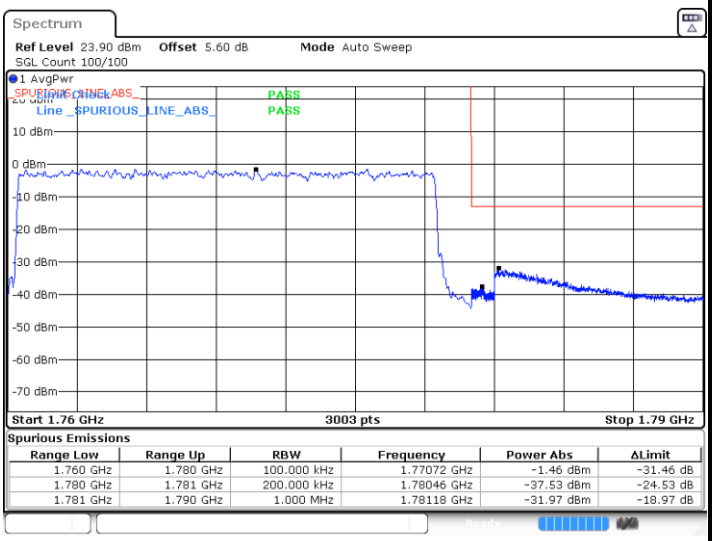


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-33.53 dBm	-20.53 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70998 GHz	-32.62 dBm	-19.62 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72611 GHz	-0.16 dBm	-30.16 dB

Date: 29.JUN.2020 00:40:45

Highest Band Edge / Full RB



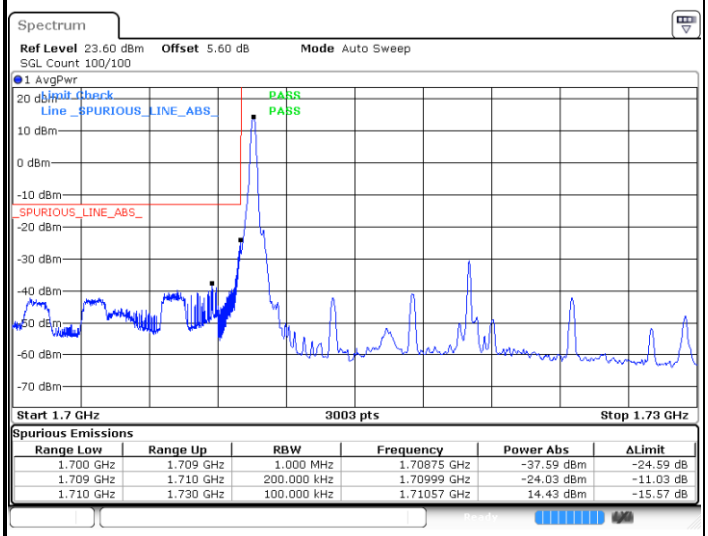
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77072 GHz	-1.46 dBm	-31.46 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78046 GHz	-37.53 dBm	-24.53 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78118 GHz	-31.97 dBm	-18.97 dB

Date: 29.JUN.2020 01:13:23

5G NR n66 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

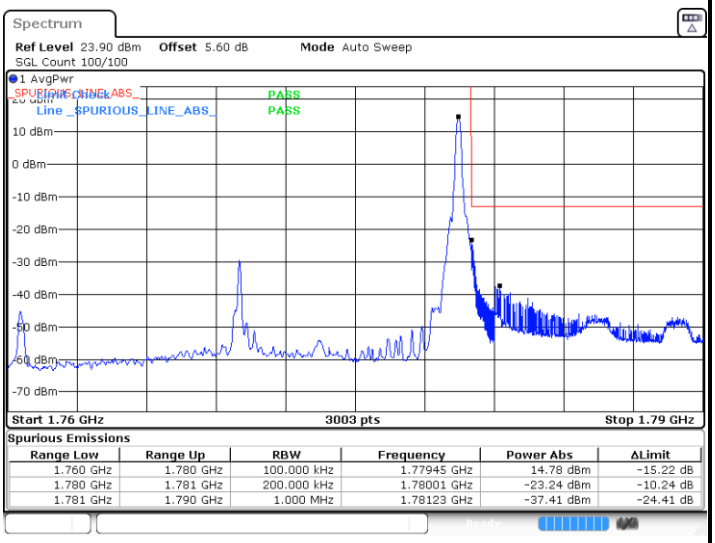


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70875 GHz	-37.59 dBm	-24.59 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-24.03 dBm	-11.03 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71057 GHz	14.43 dBm	-15.57 dB

Date: 29.JUN.2020 00:47:55

Highest Band Edge / 1RBMAX

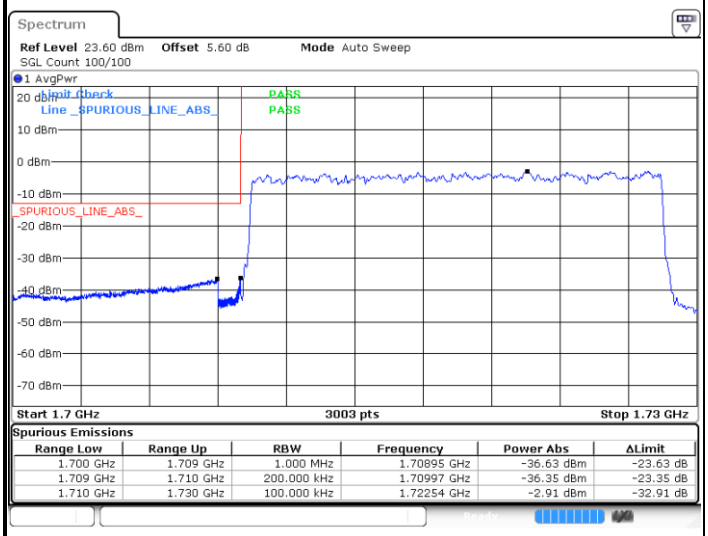


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.77945 GHz	14.78 dBm	-15.22 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78001 GHz	-23.24 dBm	-10.24 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78123 GHz	-37.41 dBm	-24.41 dB

Date: 29.JUN.2020 01:17:32

Lowest Band Edge / Full RB

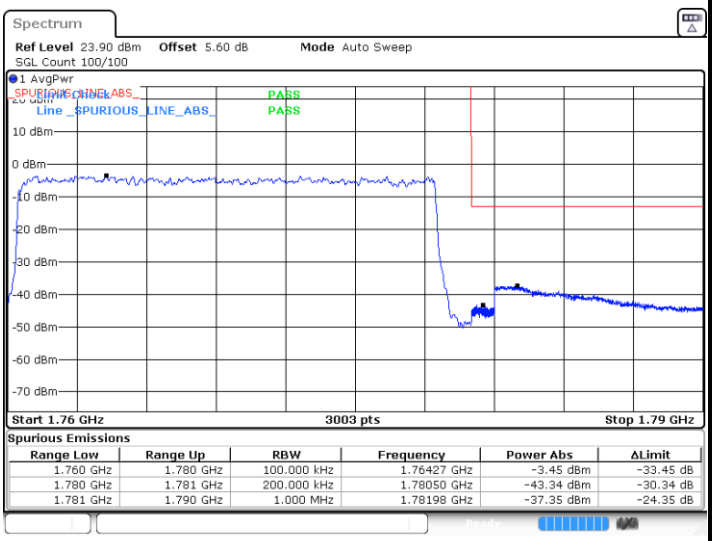


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-36.63 dBm	-23.63 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-36.35 dBm	-23.35 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.72254 GHz	-2.91 dBm	-32.91 dB

Date: 29.JUN.2020 00:41:36

Highest Band Edge / Full RB



Spurious Emissions

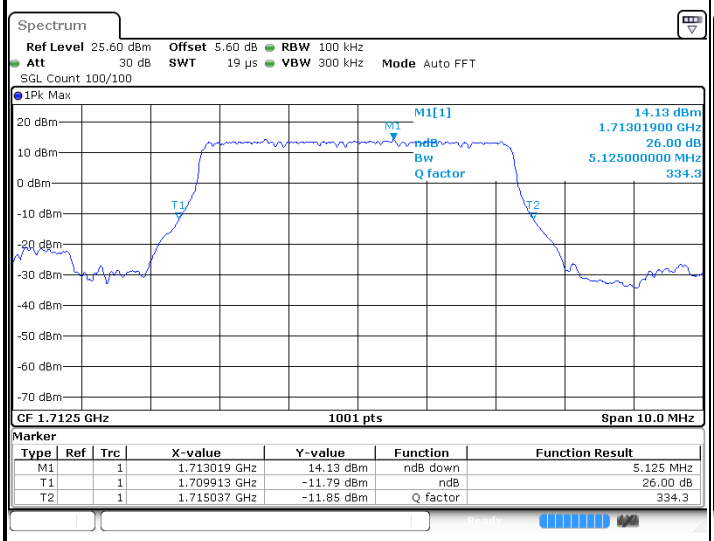
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.760 GHz	1.780 GHz	100.000 kHz	1.76427 GHz	-3.45 dBm	-33.45 dB
1.780 GHz	1.781 GHz	200.000 kHz	1.78050 GHz	-43.34 dBm	-30.34 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78198 GHz	-37.35 dBm	-24.35 dB

Date: 29.JUN.2020 01:14:00

Conducted Spurious Emission

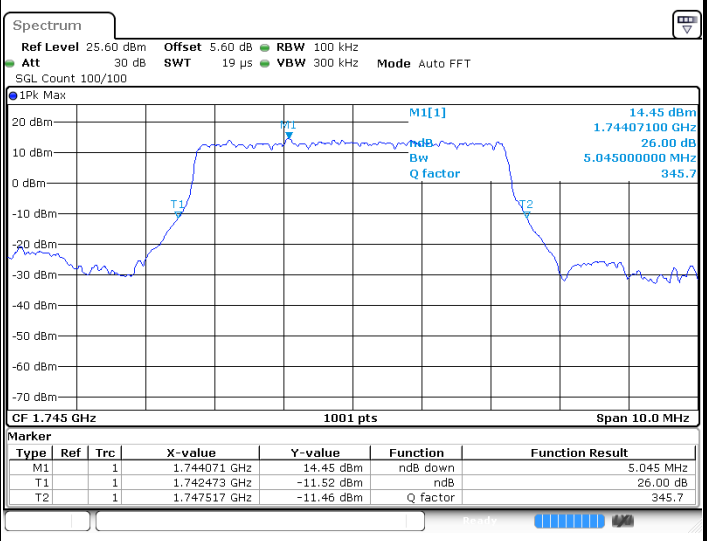
5G NR n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



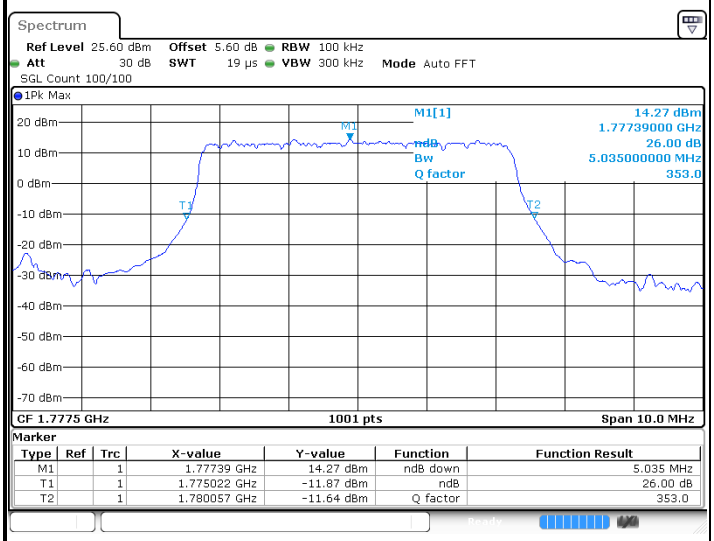
Date: 28.JUN.2020 22:56:56

Middle Channel / 1RB1



Date: 28.JUN.2020 23:20:58

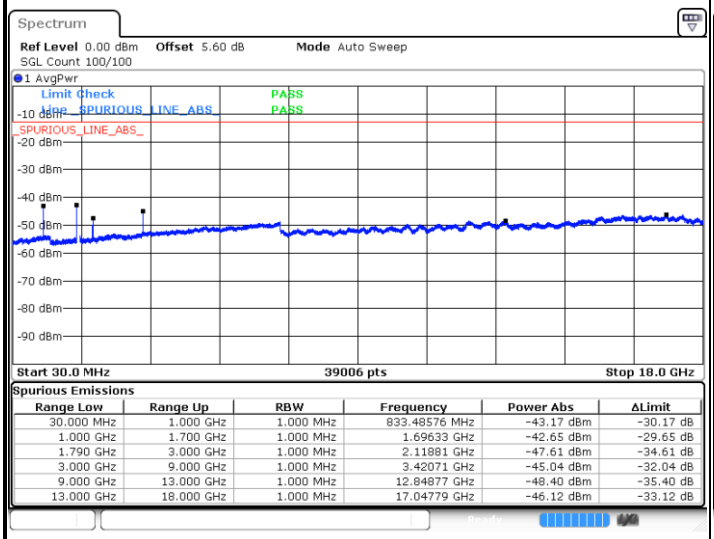
Highest Channel / 1RB1



Date: 28.JUN.2020 23:22:52

5G NR n66 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

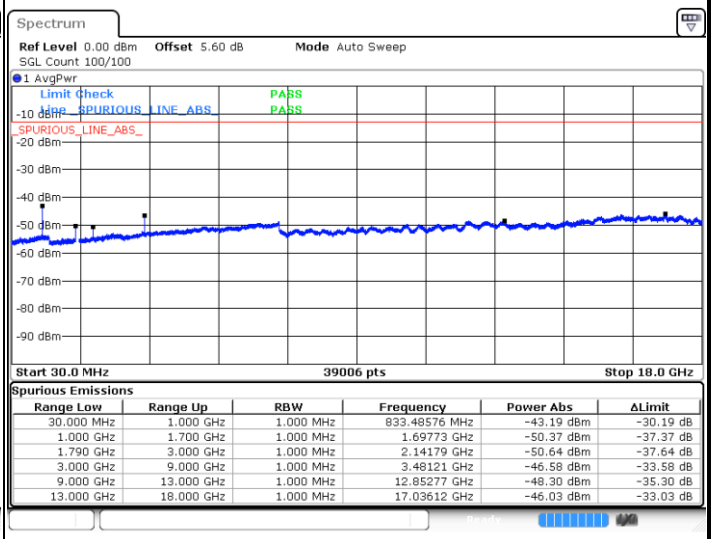


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.17 dBm	-30.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-42.65 dBm	-29.65 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11881 GHz	-47.61 dBm	-34.61 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-45.04 dBm	-32.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84877 GHz	-48.40 dBm	-35.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04779 GHz	-46.12 dBm	-33.12 dB

Date: 28.JUN.2020 23:46:30

Middle Channel / 1RB1

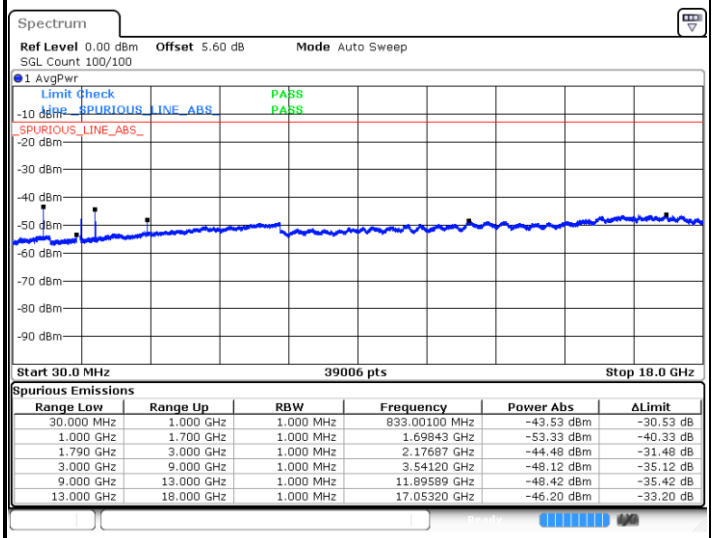


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.19 dBm	-30.19 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-50.37 dBm	-37.37 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14179 GHz	-50.64 dBm	-37.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-46.58 dBm	-33.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85277 GHz	-48.30 dBm	-35.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03612 GHz	-46.03 dBm	-33.03 dB

Date: 28.JUN.2020 23:53:04

Highest Channel / 1RB1



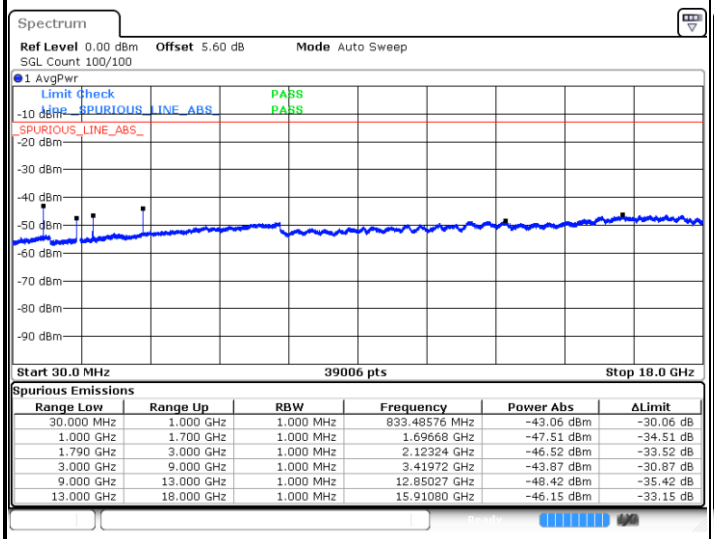
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.53 dBm	-30.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-53.33 dBm	-40.33 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17687 GHz	-44.48 dBm	-31.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-48.12 dBm	-35.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.89589 GHz	-48.42 dBm	-35.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.05320 GHz	-46.20 dBm	-33.20 dB

Date: 29.JUN.2020 00:05:06

5G NR n66 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

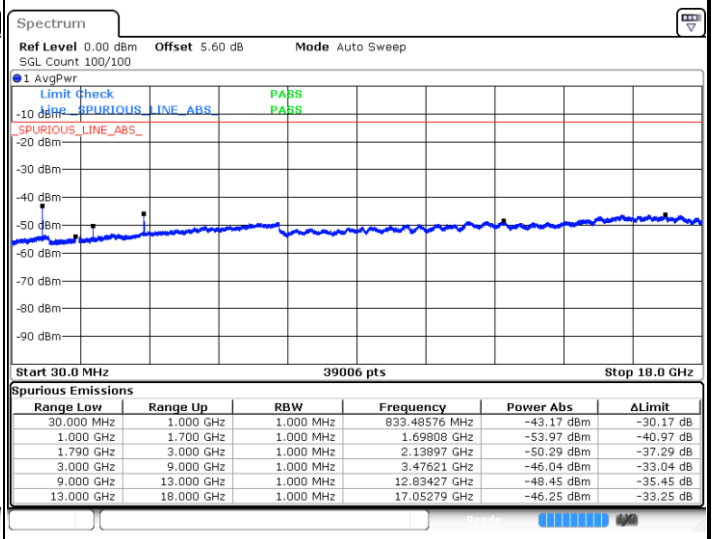


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.06 dBm	-30.06 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-47.51 dBm	-34.51 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12324 GHz	-46.52 dBm	-33.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.41972 GHz	-43.87 dBm	-30.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85027 GHz	-48.42 dBm	-35.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91080 GHz	-46.15 dBm	-33.15 dB

Date: 29.JUN.2020 00:14:08

Middle Channel / 1RB1

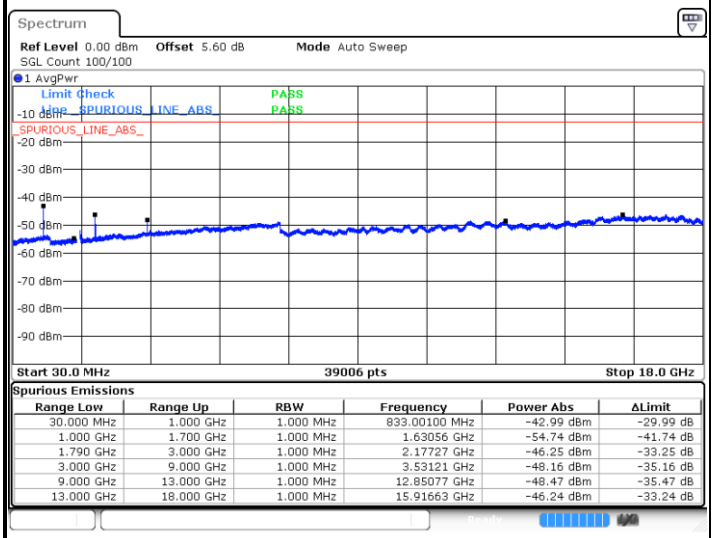


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.17 dBm	-30.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-53.97 dBm	-40.97 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13897 GHz	-50.29 dBm	-37.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47621 GHz	-46.04 dBm	-33.04 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83427 GHz	-48.45 dBm	-35.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.05279 GHz	-46.25 dBm	-33.25 dB

Date: 29.JUN.2020 00:22:14

Highest Channel / 1RB1



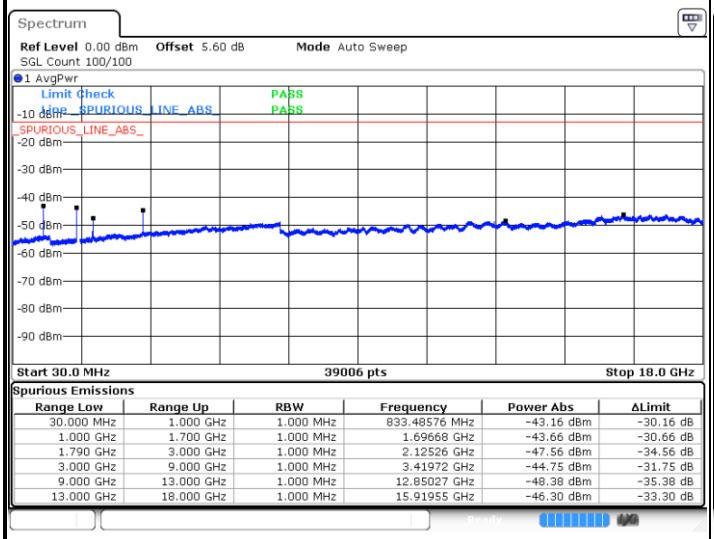
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-42.99 dBm	-29.99 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63056 GHz	-54.74 dBm	-41.74 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17727 GHz	-46.25 dBm	-33.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53121 GHz	-48.16 dBm	-35.16 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85077 GHz	-48.47 dBm	-35.47 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91663 GHz	-46.24 dBm	-33.24 dB

Date: 29.JUN.2020 00:35:18

5G NR n66 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

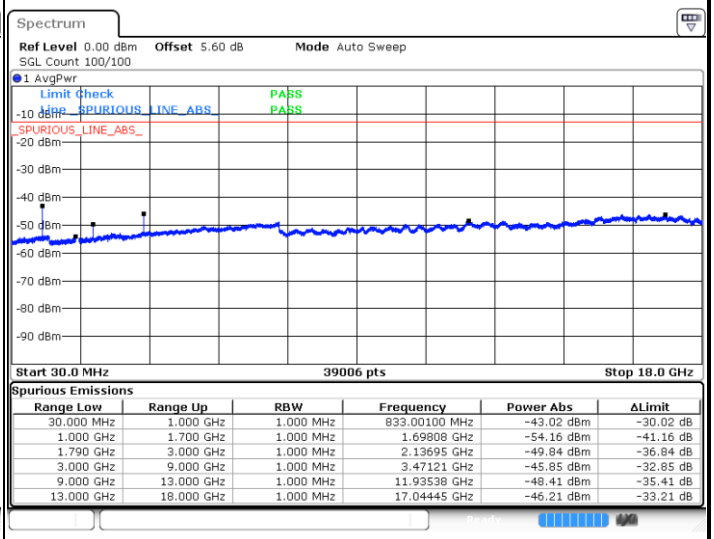


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.16 dBm	-30.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-43.66 dBm	-30.66 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12526 GHz	-47.56 dBm	-34.56 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.41972 GHz	-44.75 dBm	-31.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85027 GHz	-48.38 dBm	-35.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91955 GHz	-46.30 dBm	-33.30 dB

Date: 29.JUN.2020 00:44:37

Middle Channel / 1RB1

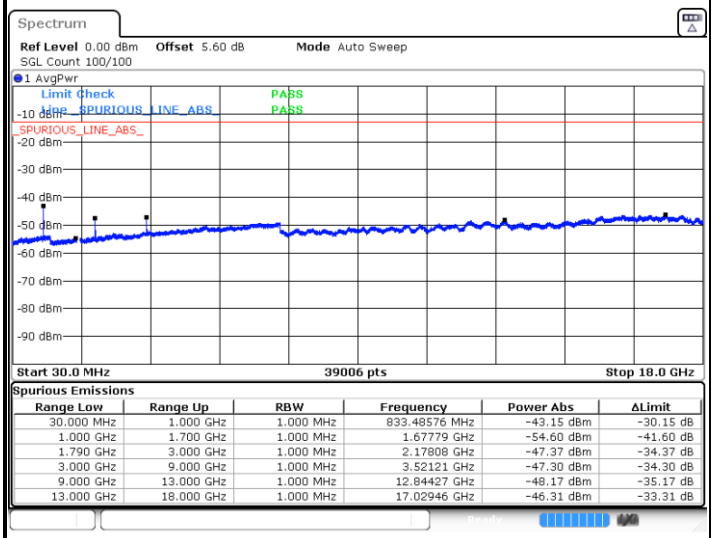


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.02 dBm	-30.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-54.16 dBm	-41.16 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13695 GHz	-49.84 dBm	-36.84 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47121 GHz	-45.85 dBm	-32.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.93538 GHz	-48.41 dBm	-35.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04445 GHz	-46.21 dBm	-33.21 dB

Date: 29.JUN.2020 00:50:25

Highest Channel / 1RB1



Spurious Emissions

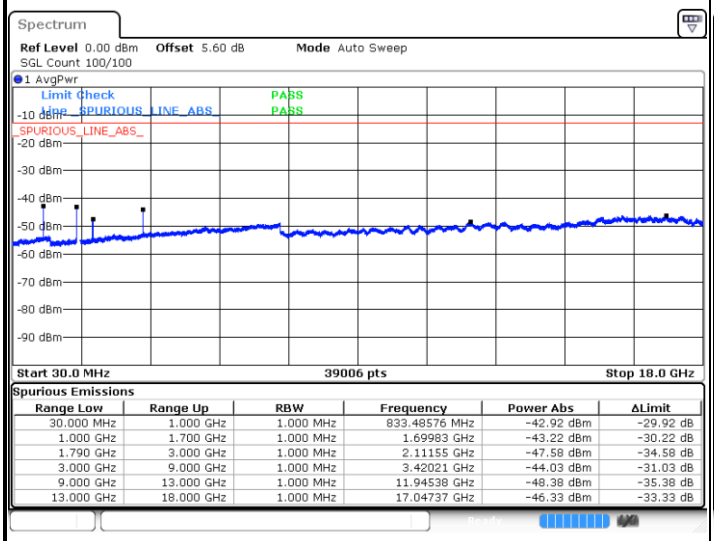
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.15 dBm	-30.15 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67779 GHz	-54.60 dBm	-41.60 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17808 GHz	-47.37 dBm	-34.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52121 GHz	-47.30 dBm	-34.30 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84427 GHz	-48.17 dBm	-35.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.02946 GHz	-46.31 dBm	-33.31 dB

Date: 29.JUN.2020 01:48:12

1

5G NR n66 / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

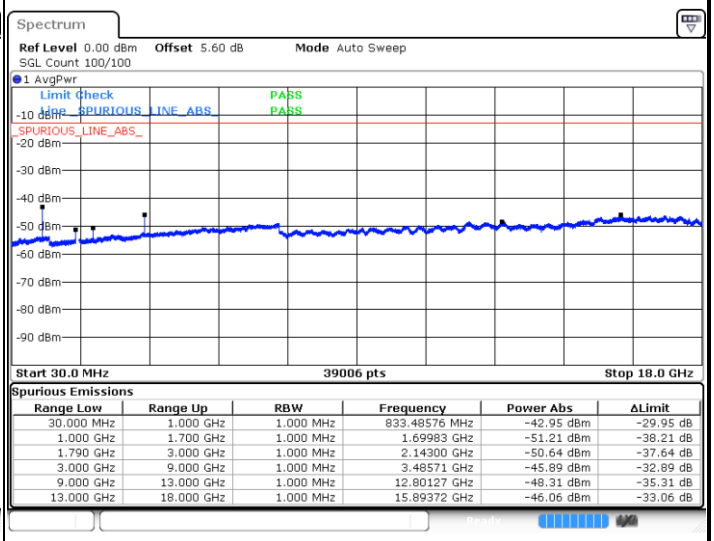


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.92 dBm	-29.92 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-43.22 dBm	-30.22 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11155 GHz	-47.58 dBm	-34.58 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-44.03 dBm	-31.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94538 GHz	-48.38 dBm	-35.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04737 GHz	-46.33 dBm	-33.33 dB

Date: 28.JUN.2020 23:12:59

Middle Channel / 1RB1

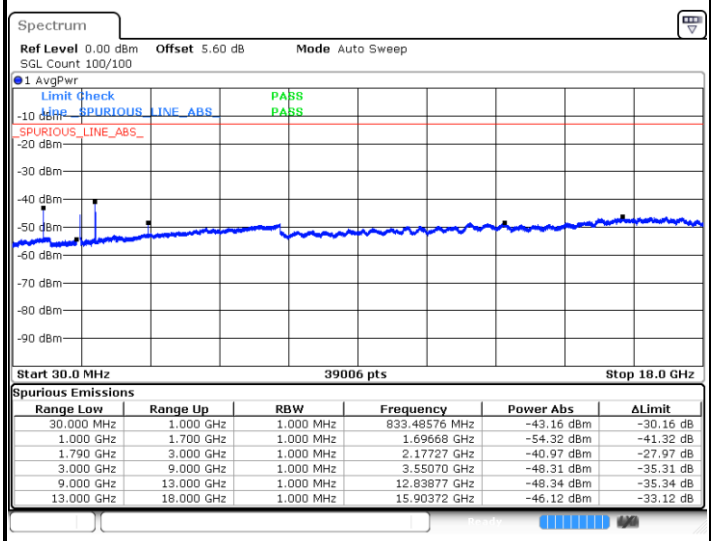


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.95 dBm	-29.95 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-51.21 dBm	-38.21 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14300 GHz	-50.64 dBm	-37.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48571 GHz	-45.89 dBm	-32.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.80127 GHz	-48.31 dBm	-35.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89372 GHz	-46.06 dBm	-33.06 dB

Date: 28.JUN.2020 23:15:57

Highest Channel / 1RB1



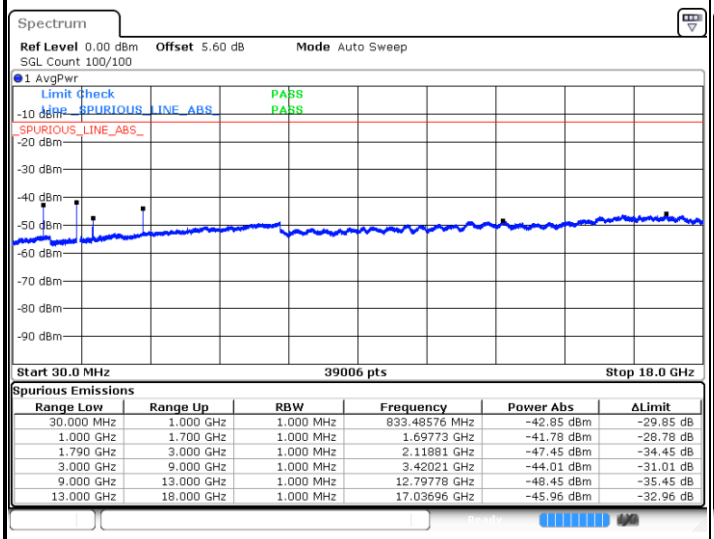
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.16 dBm	-30.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-54.32 dBm	-41.32 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17727 GHz	-40.97 dBm	-27.97 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.55070 GHz	-48.31 dBm	-35.31 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83877 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90372 GHz	-46.12 dBm	-33.12 dB

Date: 28.JUN.2020 23:31:59

5G NR n66 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

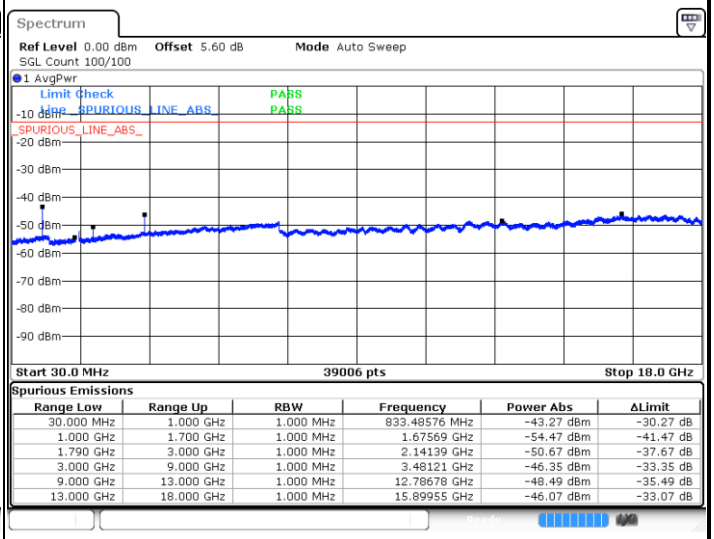


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.85 dBm	-29.85 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-41.78 dBm	-28.78 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11881 GHz	-47.45 dBm	-34.45 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-44.01 dBm	-31.01 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.79778 GHz	-48.45 dBm	-35.45 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03696 GHz	-45.96 dBm	-32.96 dB

Date: 28.JUN.2020 23:42:56

Middle Channel / 1RB1

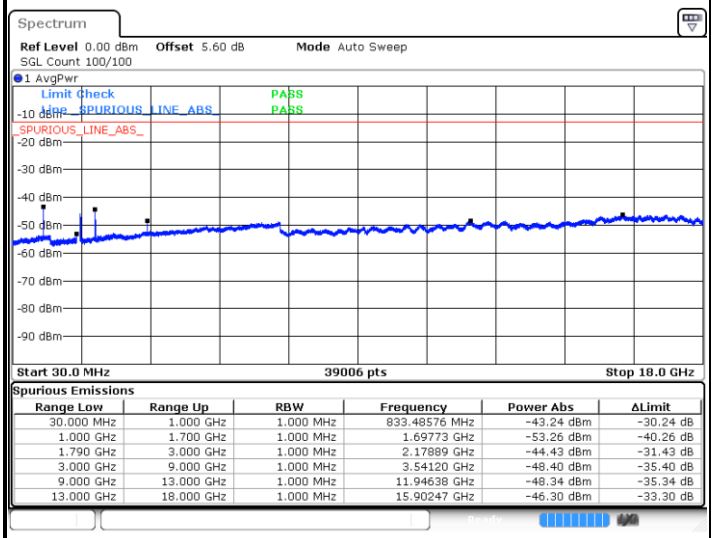


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.27 dBm	-30.27 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67569 GHz	-54.47 dBm	-41.47 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14139 GHz	-50.67 dBm	-37.67 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-46.35 dBm	-33.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.78678 GHz	-48.49 dBm	-35.49 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89955 GHz	-46.07 dBm	-33.07 dB

Date: 28.JUN.2020 23:52:26

Highest Channel / 1RB1



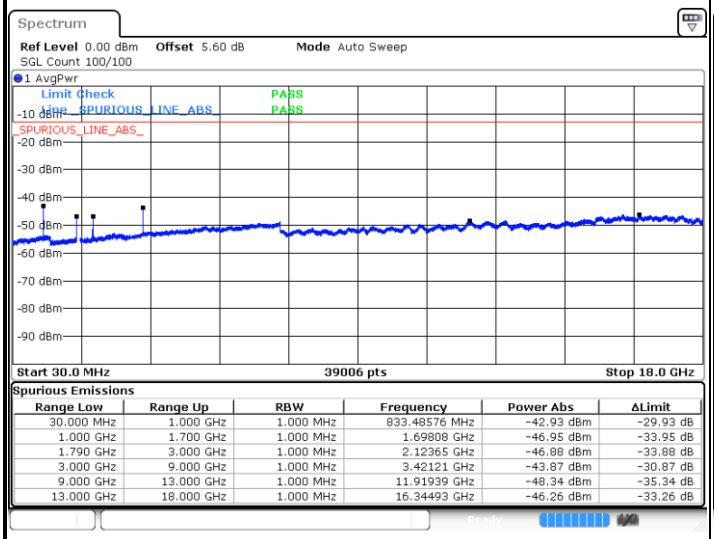
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.24 dBm	-30.24 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-53.26 dBm	-40.26 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17889 GHz	-44.43 dBm	-31.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.54120 GHz	-48.40 dBm	-35.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94638 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90247 GHz	-46.30 dBm	-33.30 dB

Date: 29.JUN.2020 00:03:34

5G NR n66 / 15MHz / DFT-S OFDM /BPSK

Lowest Channel / 1RB1

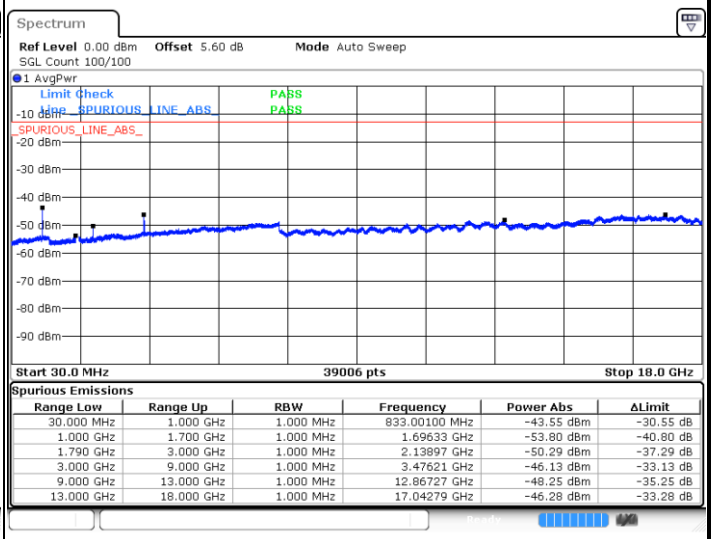


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.93 dBm	-29.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-46.95 dBm	-33.95 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12365 GHz	-46.88 dBm	-33.88 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-43.87 dBm	-30.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91939 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	16.34493 GHz	-46.26 dBm	-33.26 dB

Date: 29.JUN.2020 00:12:34

Middle Channel / 1RB1

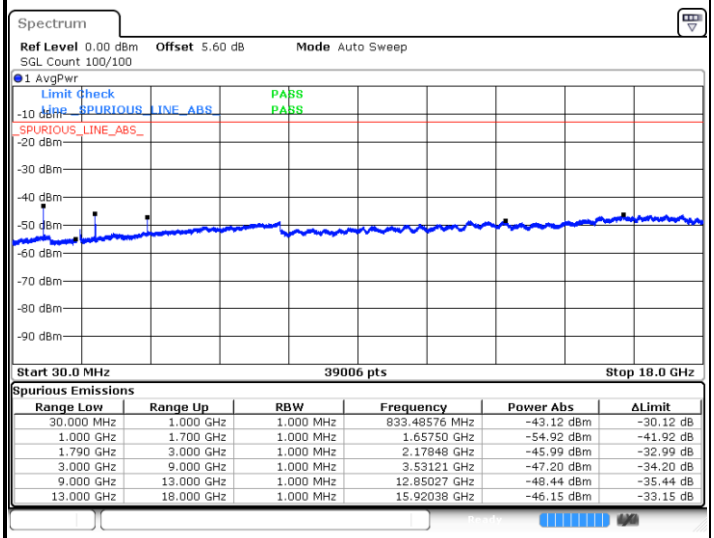


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.55 dBm	-30.55 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69633 GHz	-53.80 dBm	-40.80 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13897 GHz	-50.29 dBm	-37.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47621 GHz	-46.13 dBm	-33.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86727 GHz	-48.25 dBm	-35.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04279 GHz	-46.28 dBm	-33.28 dB

Date: 29.JUN.2020 00:18:43

Highest Channel / 1RB1



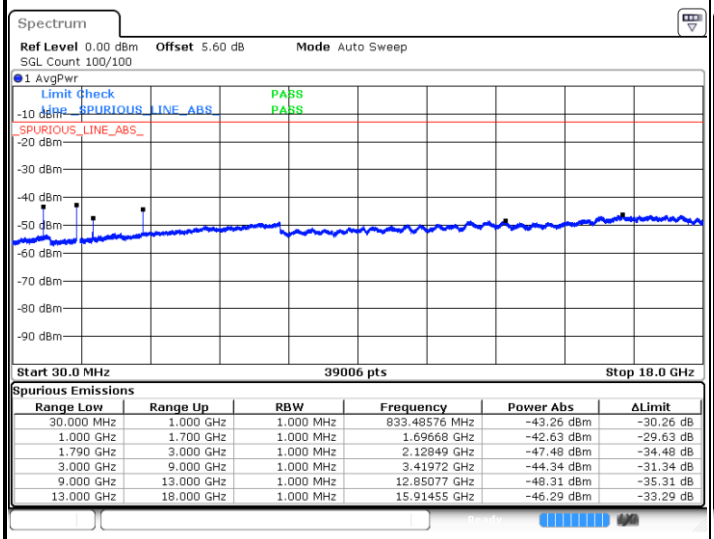
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.12 dBm	-30.12 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65750 GHz	-54.92 dBm	-41.92 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17848 GHz	-45.99 dBm	-32.99 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53121 GHz	-47.20 dBm	-34.20 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85027 GHz	-48.44 dBm	-35.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.92038 GHz	-46.15 dBm	-33.15 dB

Date: 29.JUN.2020 00:34:03

5G NR n66 / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

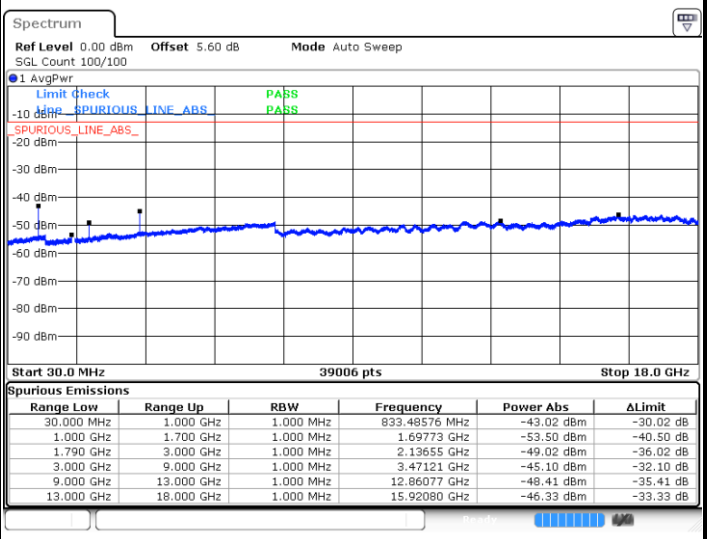


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.26 dBm	-30.26 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-42.63 dBm	-29.63 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12849 GHz	-47.48 dBm	-34.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.41972 GHz	-44.34 dBm	-31.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85077 GHz	-48.31 dBm	-35.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91455 GHz	-46.29 dBm	-33.29 dB

Date: 29.JUN.2020 00:42:45

Middle Channel / 1RB1

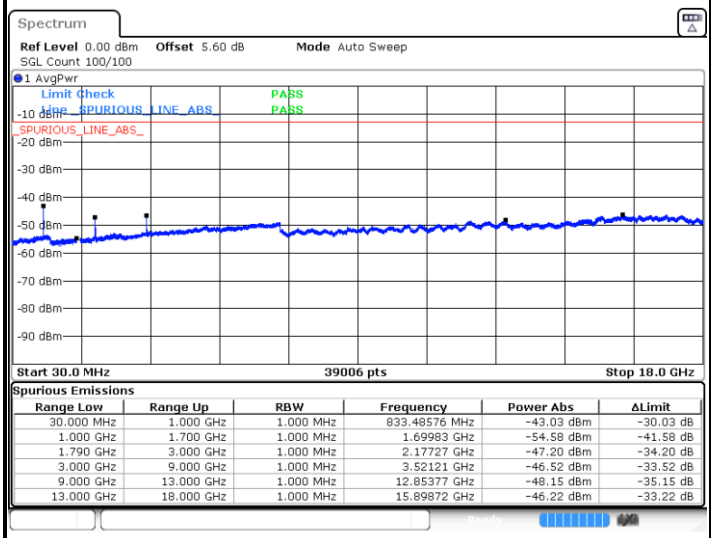


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.02 dBm	-30.02 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69773 GHz	-53.50 dBm	-40.50 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13655 GHz	-49.02 dBm	-36.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47121 GHz	-45.10 dBm	-32.10 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86077 GHz	-48.41 dBm	-35.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.92080 GHz	-46.33 dBm	-33.33 dB

Date: 29.JUN.2020 00:49:36

Highest Channel / 1RB1



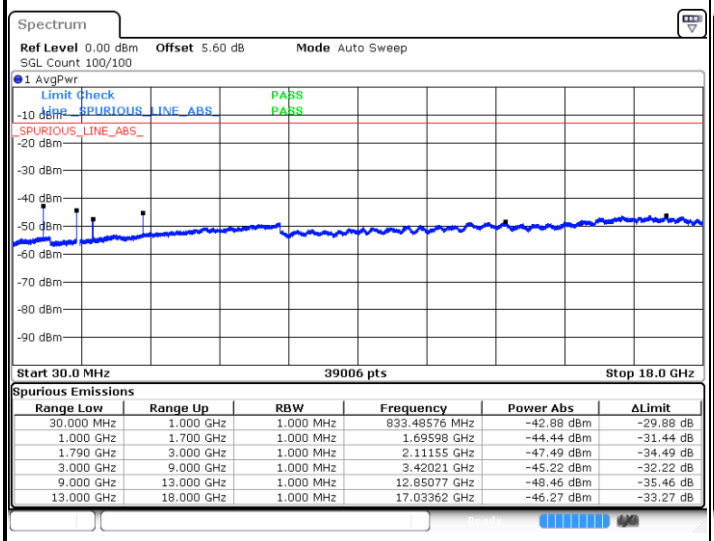
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.03 dBm	-30.03 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-54.58 dBm	-41.58 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17727 GHz	-47.20 dBm	-34.20 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52121 GHz	-46.52 dBm	-33.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85377 GHz	-48.15 dBm	-35.15 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89872 GHz	-46.22 dBm	-33.22 dB

Date: 29.JUN.2020 01:46:31

5G NR n66 / 5MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB1

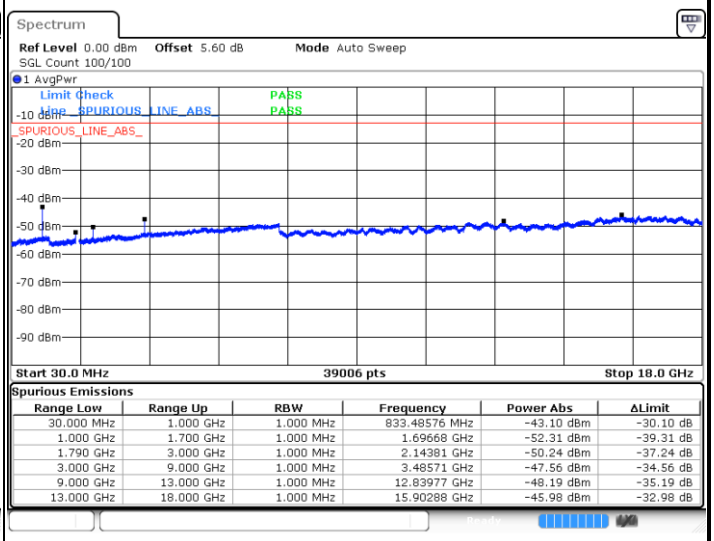


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.88 dBm	-29.88 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-44.44 dBm	-31.44 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11155 GHz	-47.49 dBm	-34.49 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-45.22 dBm	-32.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85077 GHz	-48.46 dBm	-35.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03362 GHz	-46.27 dBm	-33.27 dB

Date: 28.JUN.2020 23:06:58

Middle Channel / 1RB1

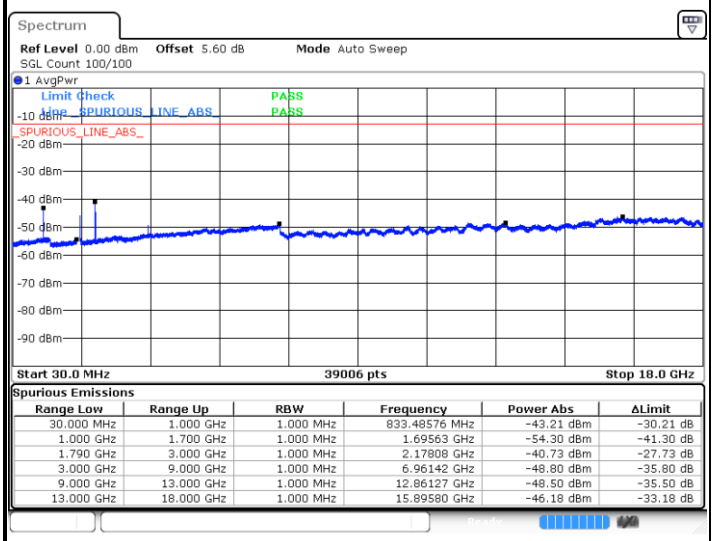


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.10 dBm	-30.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-52.31 dBm	-39.31 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14381 GHz	-50.24 dBm	-37.24 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48571 GHz	-47.56 dBm	-34.56 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83977 GHz	-48.19 dBm	-35.19 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90288 GHz	-45.98 dBm	-32.98 dB

Date: 28.JUN.2020 23:17:19

Highest Channel / 1RB1



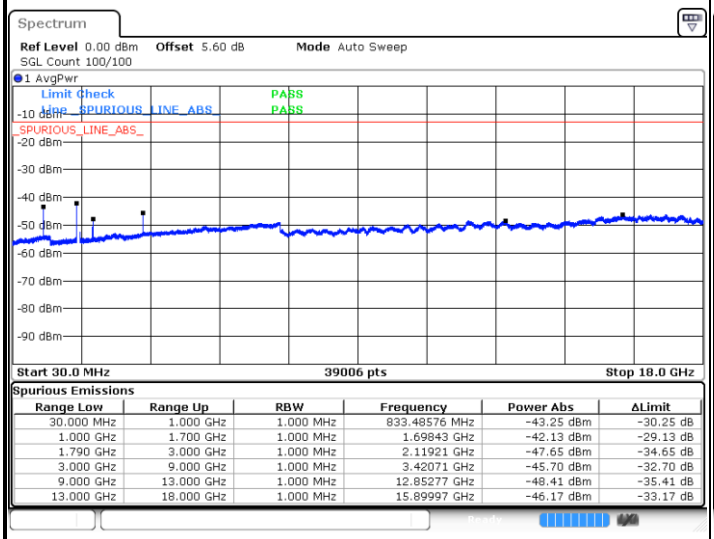
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.21 dBm	-30.21 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69563 GHz	-54.30 dBm	-41.30 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17808 GHz	-40.73 dBm	-27.73 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96142 GHz	-48.80 dBm	-35.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86127 GHz	-48.50 dBm	-35.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89580 GHz	-46.18 dBm	-33.18 dB

Date: 28.JUN.2020 23:34:11

5G NR n66 / 10MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB1

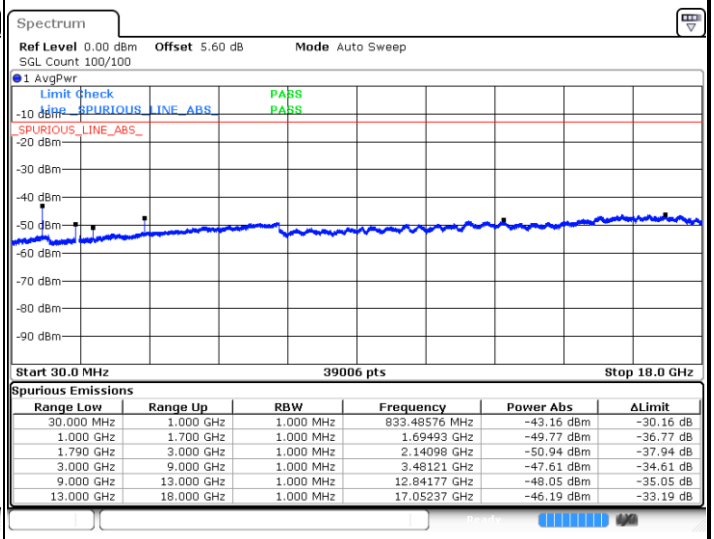


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.25 dBm	-30.25 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-42.13 dBm	-29.13 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11921 GHz	-47.65 dBm	-34.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-45.70 dBm	-32.70 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85277 GHz	-48.41 dBm	-35.41 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89997 GHz	-46.17 dBm	-33.17 dB

Date: 28.JUN.2020 23:47:25

Middle Channel / 1RB1

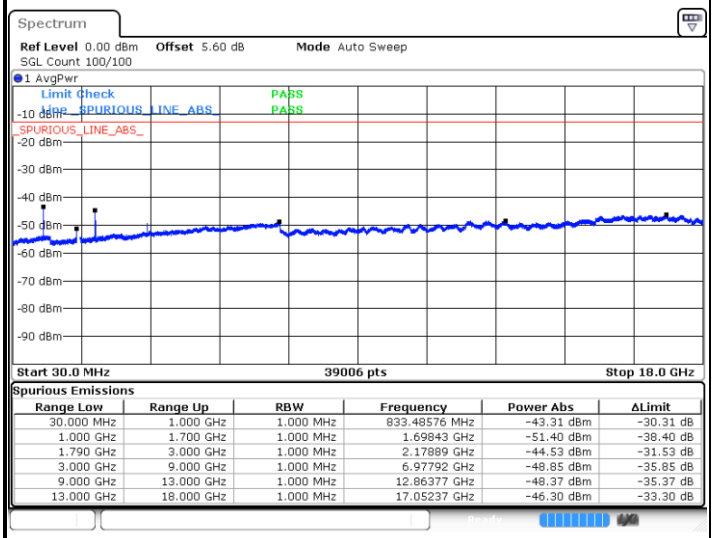


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.16 dBm	-30.16 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69493 GHz	-49.77 dBm	-36.77 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14098 GHz	-50.94 dBm	-37.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.48121 GHz	-47.61 dBm	-34.61 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84177 GHz	-48.05 dBm	-35.05 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.05237 GHz	-46.19 dBm	-33.19 dB

Date: 28.JUN.2020 23:53:46

Highest Channel / 1RB1



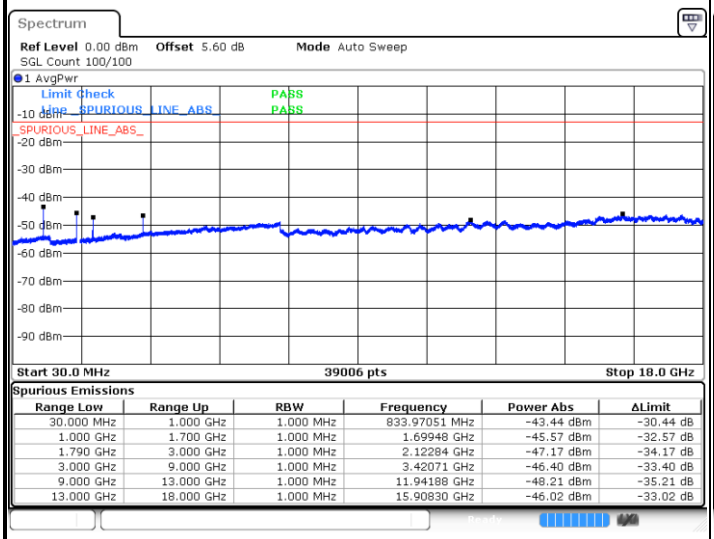
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.31 dBm	-30.31 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69843 GHz	-51.40 dBm	-38.40 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17889 GHz	-44.53 dBm	-31.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97792 GHz	-48.85 dBm	-35.85 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86377 GHz	-48.37 dBm	-35.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.05237 GHz	-46.30 dBm	-33.30 dB

Date: 29.JUN.2020 00:05:53

5G NR n66 / 15MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB1

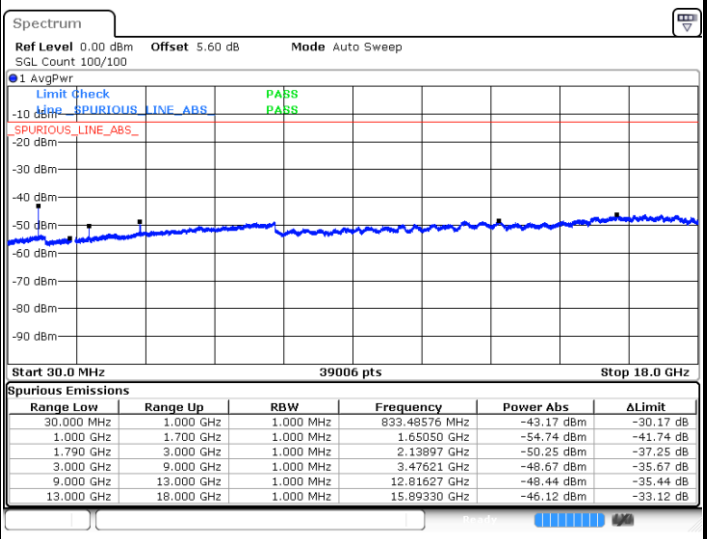


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.97051 MHz	-43.44 dBm	-30.44 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-45.57 dBm	-32.57 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12284 GHz	-47.17 dBm	-34.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42071 GHz	-46.40 dBm	-33.40 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94188 GHz	-48.21 dBm	-35.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90830 GHz	-46.02 dBm	-33.02 dB

Date: 29.JUN.2020 00:14:58

Middle Channel / 1RB1

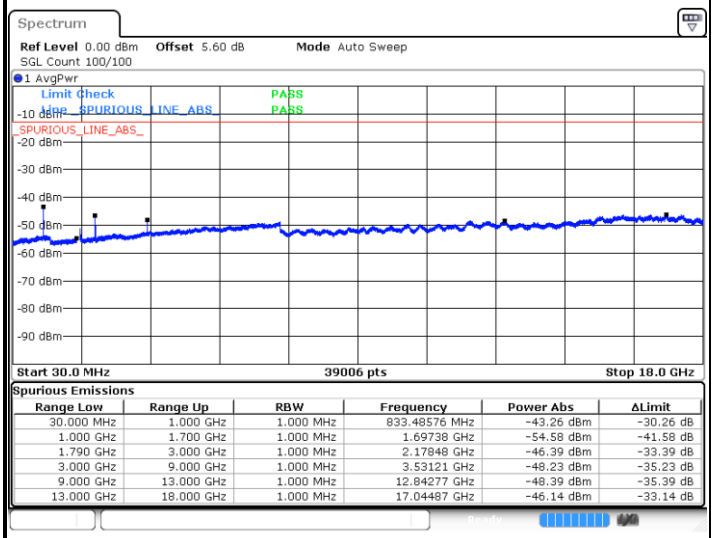


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.17 dBm	-30.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65050 GHz	-54.74 dBm	-41.74 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13897 GHz	-50.25 dBm	-37.25 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47621 GHz	-48.67 dBm	-35.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81627 GHz	-48.44 dBm	-35.44 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89330 GHz	-46.12 dBm	-33.12 dB

Date: 29.JUN.2020 00:24:33

Highest Channel / 1RB1



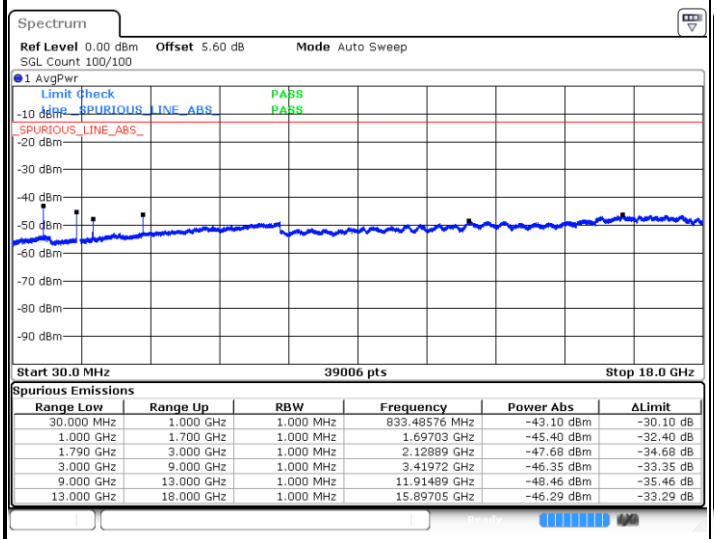
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.26 dBm	-30.26 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-54.58 dBm	-41.58 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17848 GHz	-46.39 dBm	-33.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53121 GHz	-48.23 dBm	-35.23 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84277 GHz	-48.39 dBm	-35.39 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04487 GHz	-46.14 dBm	-33.14 dB

Date: 29.JUN.2020 00:35:58

5G NR n66 / 20MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB1

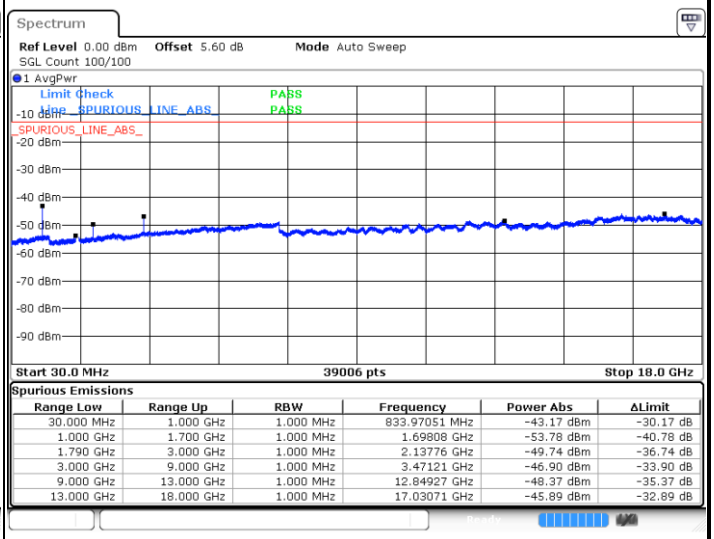


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.10 dBm	-30.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-45.40 dBm	-32.40 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12889 GHz	-47.68 dBm	-34.68 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.41972 GHz	-46.35 dBm	-33.35 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.91489 GHz	-48.46 dBm	-35.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89705 GHz	-46.29 dBm	-33.29 dB

Date: 29.JUN.2020 00:45:48

Middle Channel / 1RB1

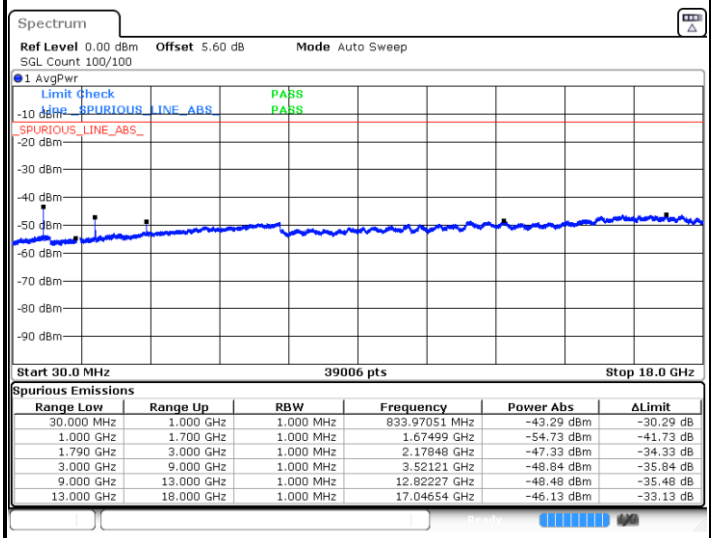


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.97051 MHz	-43.17 dBm	-30.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69808 GHz	-53.78 dBm	-40.78 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13776 GHz	-49.74 dBm	-36.74 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47121 GHz	-46.90 dBm	-33.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84927 GHz	-48.37 dBm	-35.37 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03071 GHz	-45.89 dBm	-32.89 dB

Date: 29.JUN.2020 00:51:13

Highest Channel / 1RB1



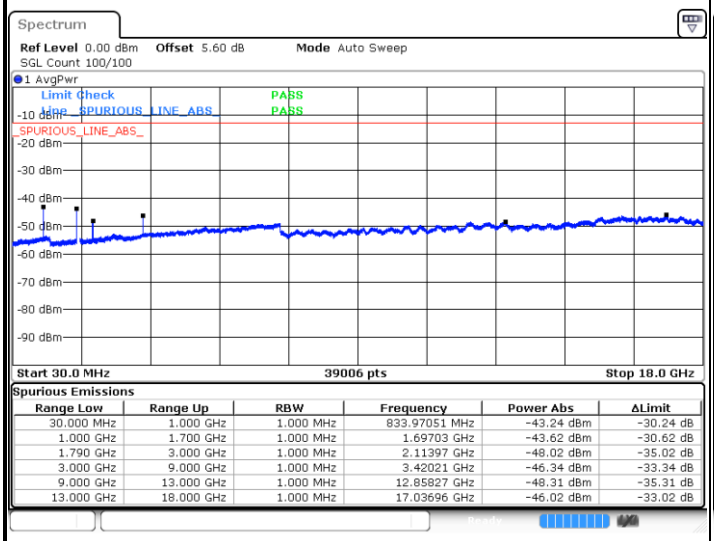
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.97051 MHz	-43.29 dBm	-30.29 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67499 GHz	-54.73 dBm	-41.73 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17848 GHz	-47.33 dBm	-34.33 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.52121 GHz	-48.84 dBm	-35.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82227 GHz	-48.48 dBm	-35.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04654 GHz	-46.13 dBm	-33.13 dB

Date: 29.JUN.2020 01:48:57

5G NR n66 / 5MHz / DFT-S OFDM / 64QAM

Lowest Channel / 1RB1

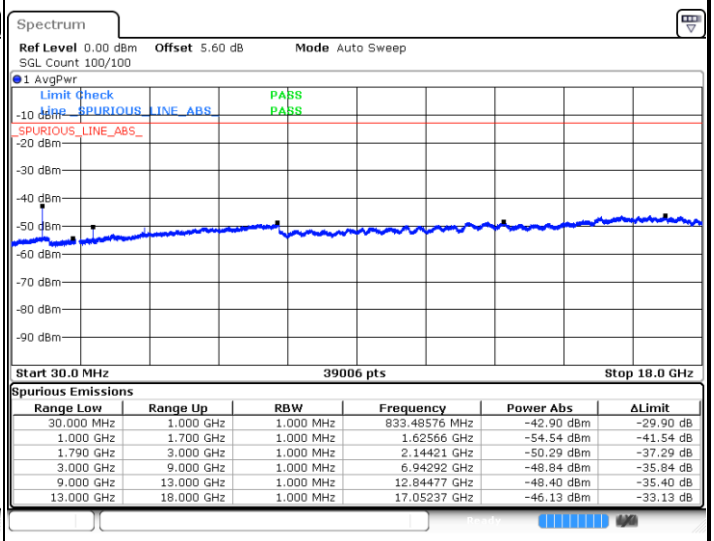


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.97051 MHz	-43.24 dBm	-30.24 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69703 GHz	-43.62 dBm	-30.62 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11397 GHz	-48.02 dBm	-35.02 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-46.34 dBm	-33.34 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85827 GHz	-48.31 dBm	-35.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03696 GHz	-46.02 dBm	-33.02 dB

Date: 28.JUN.2020 23:05:52

Middle Channel / 1RB1

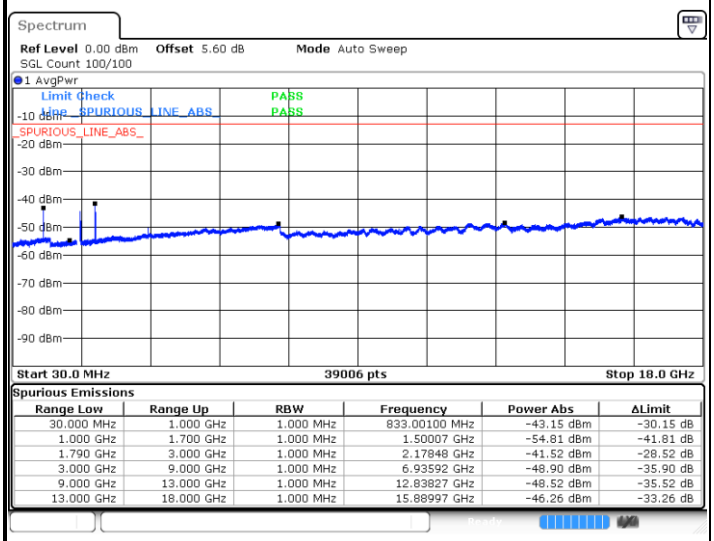


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.90 dBm	-29.90 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.62566 GHz	-54.54 dBm	-41.54 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14421 GHz	-50.29 dBm	-37.29 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94292 GHz	-48.84 dBm	-35.84 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84477 GHz	-48.40 dBm	-35.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.05237 GHz	-46.13 dBm	-33.13 dB

Date: 28.JUN.2020 23:18:50

Highest Channel / 1RB1



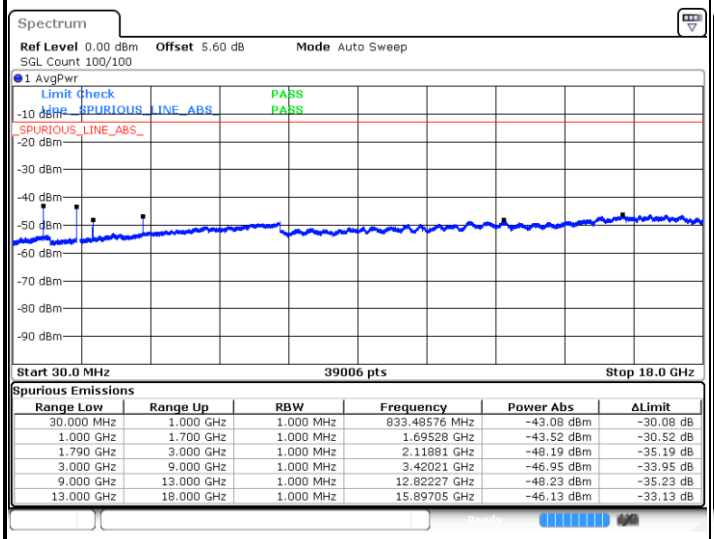
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.15 dBm	-30.15 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.50007 GHz	-54.81 dBm	-41.81 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17848 GHz	-41.52 dBm	-28.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93592 GHz	-48.90 dBm	-35.90 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83827 GHz	-48.52 dBm	-35.52 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.88997 GHz	-46.26 dBm	-33.26 dB

Date: 28.JUN.2020 23:34:51

5G NR n66 / 10MHz / DFT-S OFDM / 64QAM

Lowest Channel / 1RB1

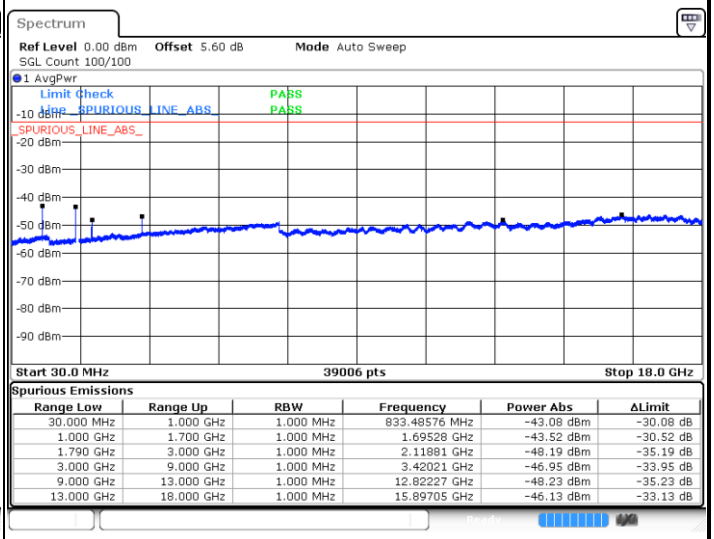


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.08 dBm	-30.08 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69528 GHz	-43.52 dBm	-30.52 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11881 GHz	-48.19 dBm	-35.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-46.95 dBm	-33.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82227 GHz	-48.23 dBm	-35.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89705 GHz	-46.13 dBm	-33.13 dB

Date: 28.JUN.2020 23:48:16

Middle Channel / 1RB1

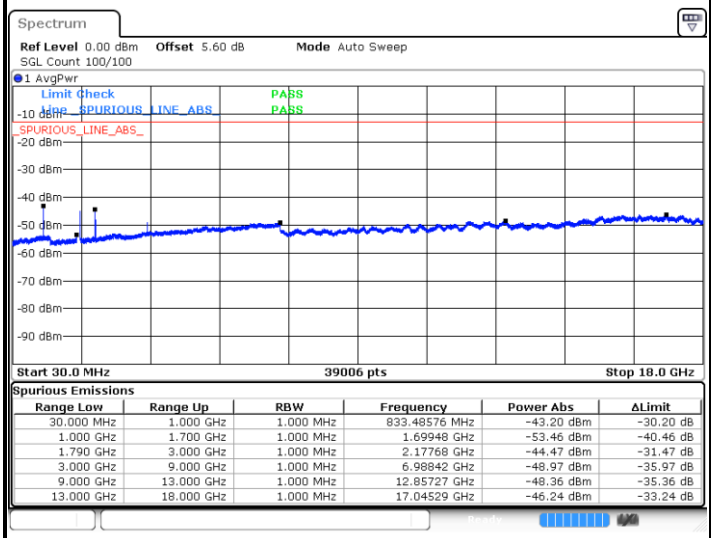


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.08 dBm	-30.08 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69528 GHz	-43.52 dBm	-30.52 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11881 GHz	-48.19 dBm	-35.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42021 GHz	-46.95 dBm	-33.95 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82227 GHz	-48.23 dBm	-35.23 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89705 GHz	-46.13 dBm	-33.13 dB

Date: 28.JUN.2020 23:48:16

Highest Channel / 1RB1



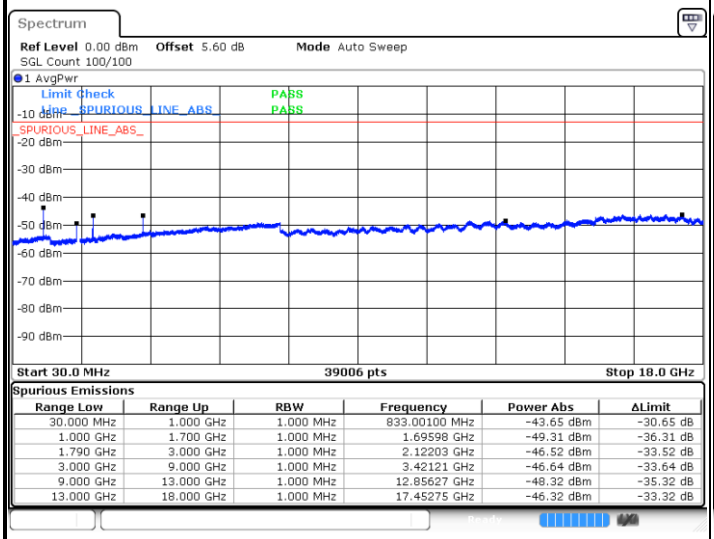
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.20 dBm	-30.20 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-53.46 dBm	-40.46 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17768 GHz	-44.47 dBm	-31.47 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-48.97 dBm	-35.97 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85727 GHz	-48.36 dBm	-35.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04529 GHz	-46.24 dBm	-33.24 dB

Date: 29.JUN.2020 00:06:40

5G NR n66 / 15MHz / DFT-S OFDM / 64QAM

Lowest Channel / 1RB1

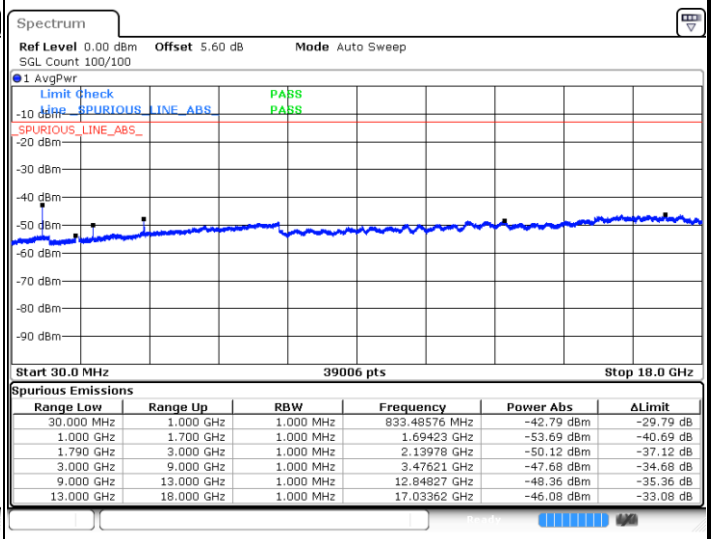


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.65 dBm	-30.65 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-49.31 dBm	-36.31 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12203 GHz	-46.52 dBm	-33.52 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-46.64 dBm	-33.64 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85627 GHz	-48.32 dBm	-35.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.45275 GHz	-46.32 dBm	-33.32 dB

Date: 29.JUN.2020 00:16:23

Middle Channel / 1RB1

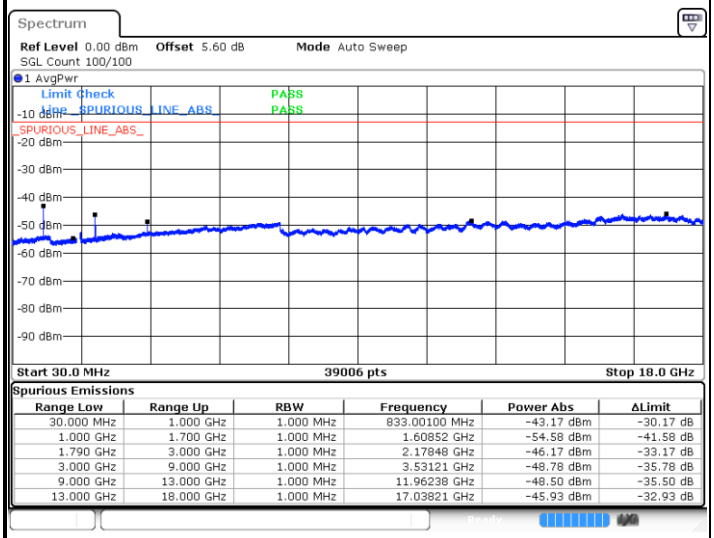


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.79 dBm	-29.79 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69423 GHz	-53.69 dBm	-40.69 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13978 GHz	-50.12 dBm	-37.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.47621 GHz	-47.68 dBm	-34.68 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84827 GHz	-48.36 dBm	-35.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03362 GHz	-46.08 dBm	-33.08 dB

Date: 29.JUN.2020 00:25:14

Highest Channel / 1RB1



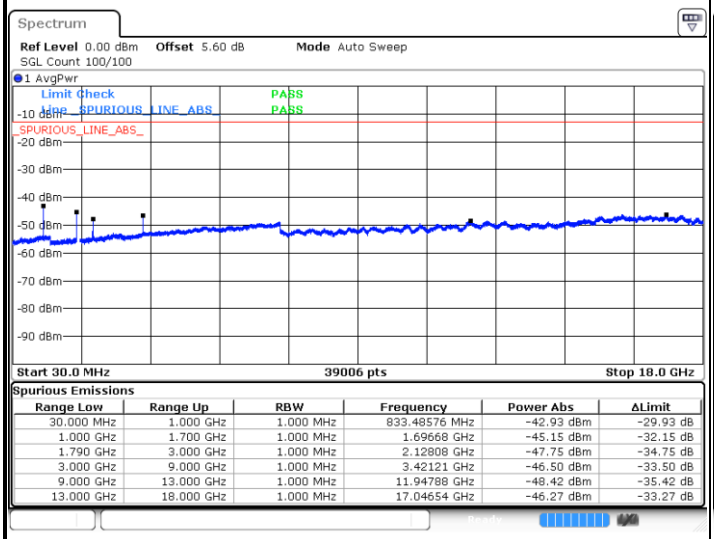
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.17 dBm	-30.17 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.60852 GHz	-54.58 dBm	-41.58 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17848 GHz	-46.17 dBm	-33.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.53121 GHz	-48.78 dBm	-35.78 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.96238 GHz	-48.50 dBm	-35.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03821 GHz	-45.93 dBm	-32.93 dB

Date: 29.JUN.2020 00:36:37

5G NR n66 / 20MHz / DFT-S OFDM / 64QAM

Lowest Channel / 1RB1

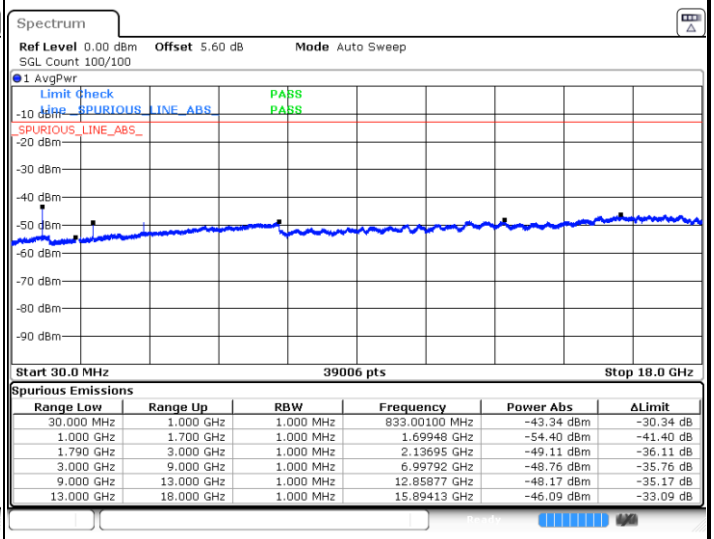


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.93 dBm	-29.93 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-45.15 dBm	-32.15 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12808 GHz	-47.75 dBm	-34.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	3.42121 GHz	-46.50 dBm	-33.50 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.94788 GHz	-48.42 dBm	-35.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04654 GHz	-46.27 dBm	-33.27 dB

Date: 29.JUN.2020 00:47:29

Middle Channel / 1RB1

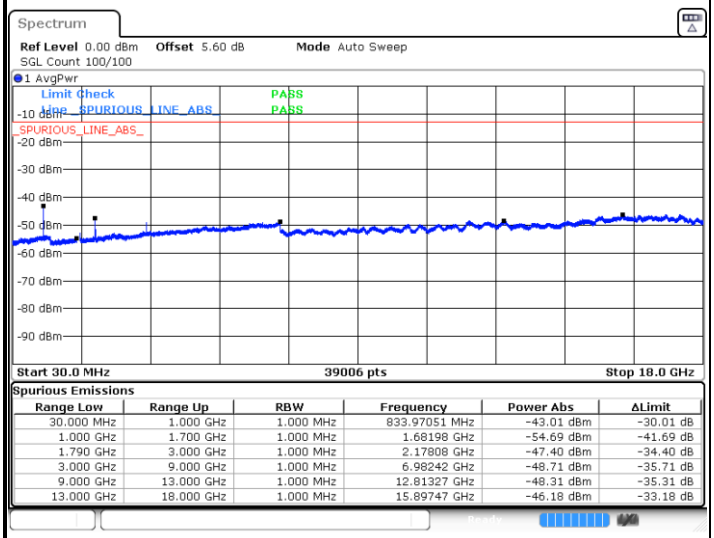


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.34 dBm	-30.34 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-54.40 dBm	-41.40 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13695 GHz	-49.11 dBm	-36.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-48.76 dBm	-35.76 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85877 GHz	-48.17 dBm	-35.17 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89413 GHz	-46.09 dBm	-33.09 dB

Date: 29.JUN.2020 01:02:14

Highest Channel / 1RB1



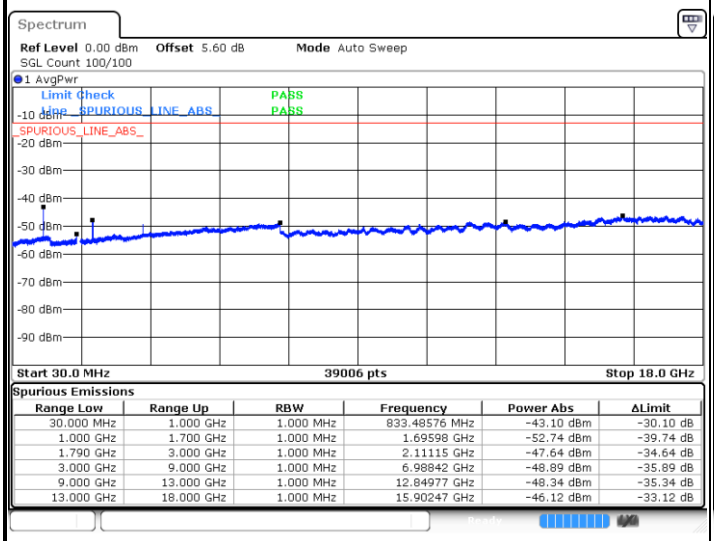
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.97051 MHz	-43.01 dBm	-30.01 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68198 GHz	-54.69 dBm	-41.69 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17808 GHz	-47.40 dBm	-34.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98242 GHz	-48.71 dBm	-35.71 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.81327 GHz	-48.31 dBm	-35.31 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.89747 GHz	-46.18 dBm	-33.18 dB

Date: 29.JUN.2020 01:49:38

5G NR n66 / 5MHz / DFT-S OFDM / 256QAM

Lowest Channel / 1RB1

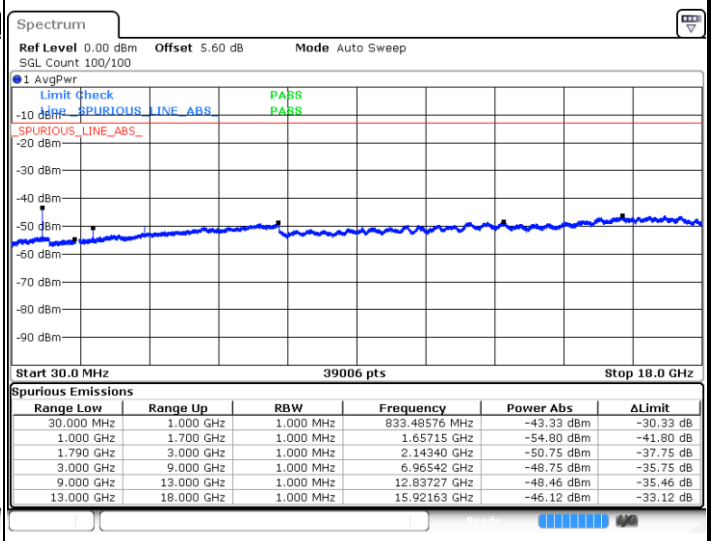


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.10 dBm	-30.10 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69598 GHz	-52.74 dBm	-39.74 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11115 GHz	-47.64 dBm	-34.64 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98842 GHz	-48.89 dBm	-35.89 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.84977 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90247 GHz	-46.12 dBm	-33.12 dB

Date: 28.JUN.2020 23:03:42

Middle Channel / 1RB1

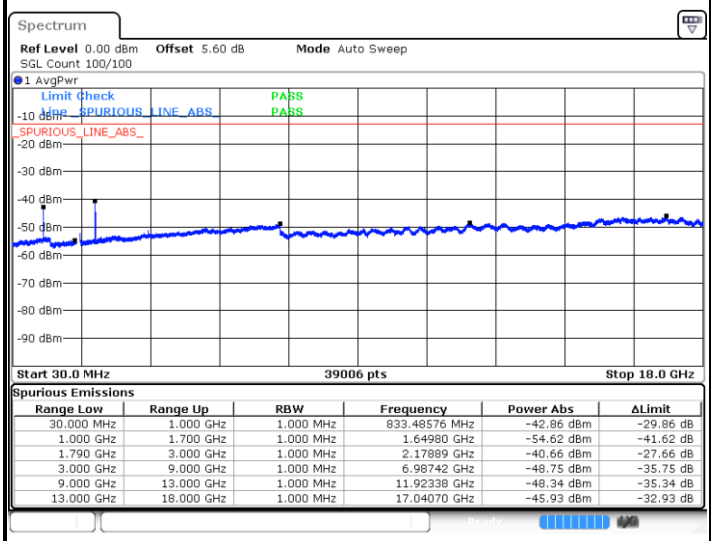


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.33 dBm	-30.33 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65715 GHz	-54.80 dBm	-41.80 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14340 GHz	-50.75 dBm	-37.75 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.96542 GHz	-48.75 dBm	-35.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83727 GHz	-48.46 dBm	-35.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.92163 GHz	-46.12 dBm	-33.12 dB

Date: 28.JUN.2020 23:19:40

Highest Channel / 1RB1



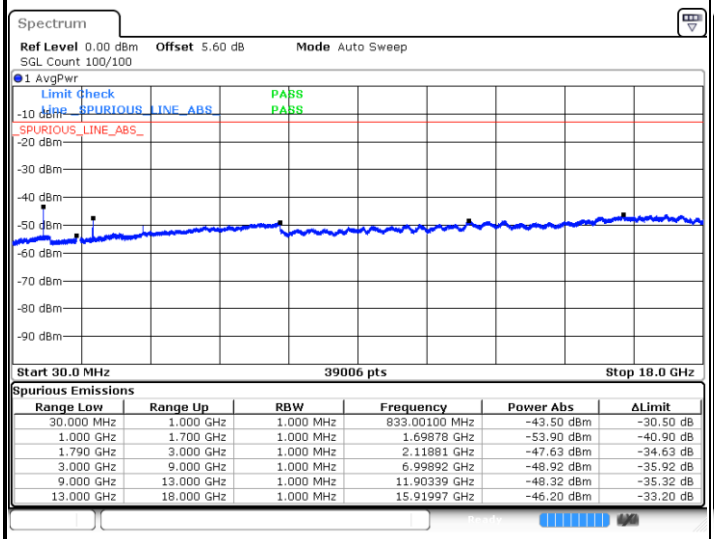
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-42.86 dBm	-29.86 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.64980 GHz	-54.62 dBm	-41.62 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17889 GHz	-40.66 dBm	-27.66 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98742 GHz	-48.75 dBm	-35.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92338 GHz	-48.34 dBm	-35.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04070 GHz	-45.93 dBm	-32.93 dB

Date: 28.JUN.2020 23:35:37

5G NR n66 / 10MHz / DFT-S OFDM / 256QAM

Lowest Channel / 1RB1

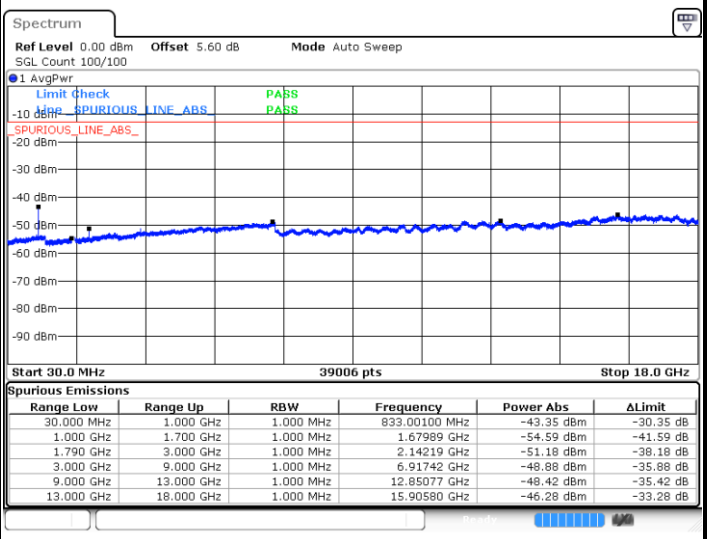


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.50 dBm	-30.50 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69878 GHz	-53.90 dBm	-40.90 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.11881 GHz	-47.63 dBm	-34.63 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-48.92 dBm	-35.92 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.90339 GHz	-48.32 dBm	-35.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91997 GHz	-46.20 dBm	-33.20 dB

Date: 28.JUN.2020 23:49:13

Middle Channel / 1RB1

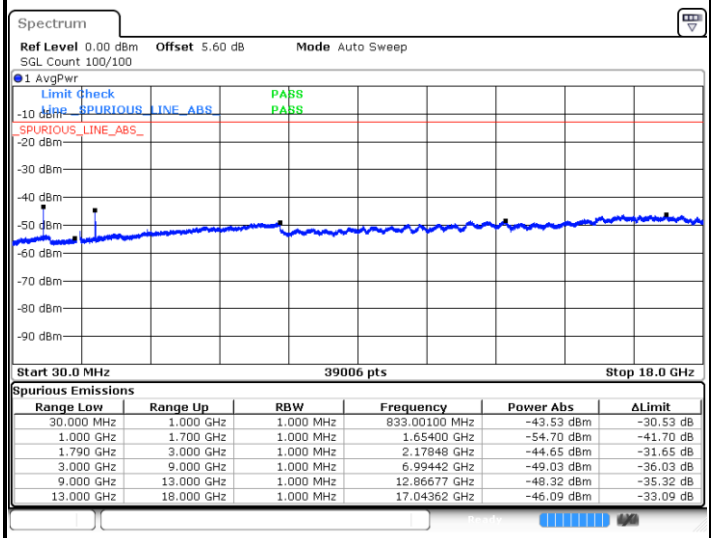


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.35 dBm	-30.35 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67989 GHz	-54.59 dBm	-41.59 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14219 GHz	-51.18 dBm	-38.18 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91742 GHz	-48.88 dBm	-35.88 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.85077 GHz	-48.42 dBm	-35.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90580 GHz	-46.28 dBm	-33.28 dB

Date: 28.JUN.2020 23:55:14

Highest Channel / 1RB1



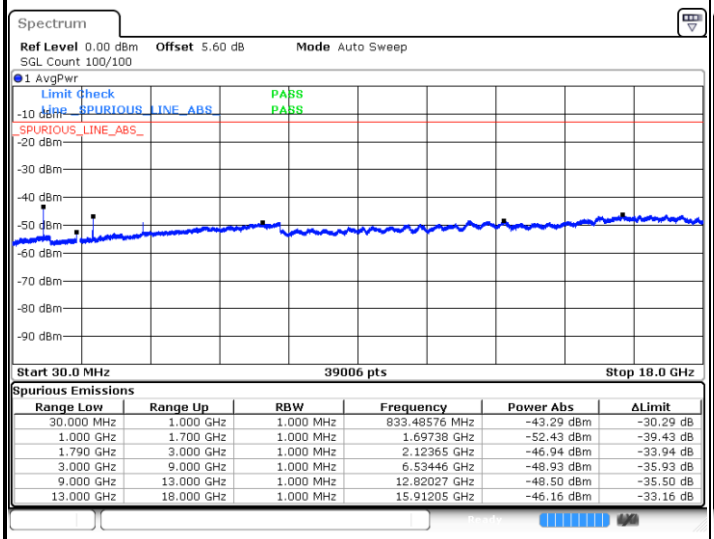
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.00100 MHz	-43.53 dBm	-30.53 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65400 GHz	-54.70 dBm	-41.70 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17848 GHz	-44.65 dBm	-31.65 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99442 GHz	-49.03 dBm	-36.03 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.86677 GHz	-48.32 dBm	-35.32 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.04362 GHz	-46.09 dBm	-33.09 dB

Date: 29.JUN.2020 00:07:24

5G NR n66 / 15MHz / DFT-S OFDM / 256QAM

Lowest Channel / 1RB1

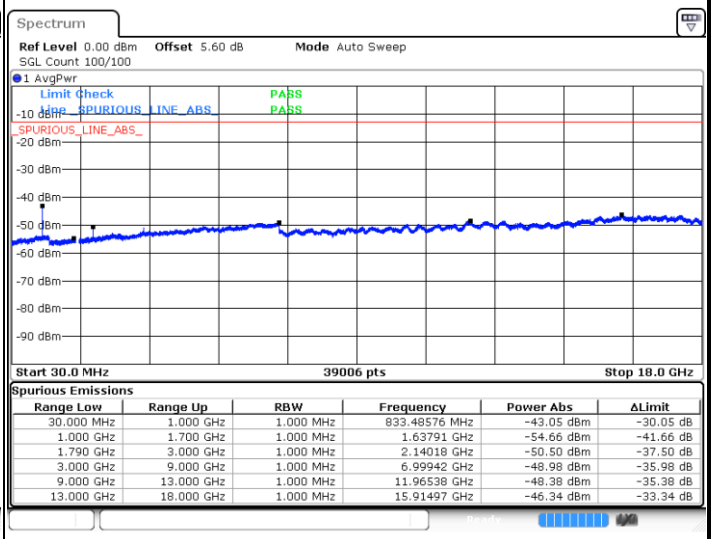


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.29 dBm	-30.29 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69738 GHz	-52.43 dBm	-39.43 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12365 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.53446 GHz	-48.93 dBm	-35.93 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82027 GHz	-48.50 dBm	-35.50 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91205 GHz	-46.16 dBm	-33.16 dB

Date: 29.JUN.2020 00:17:22

Middle Channel / 1RB1

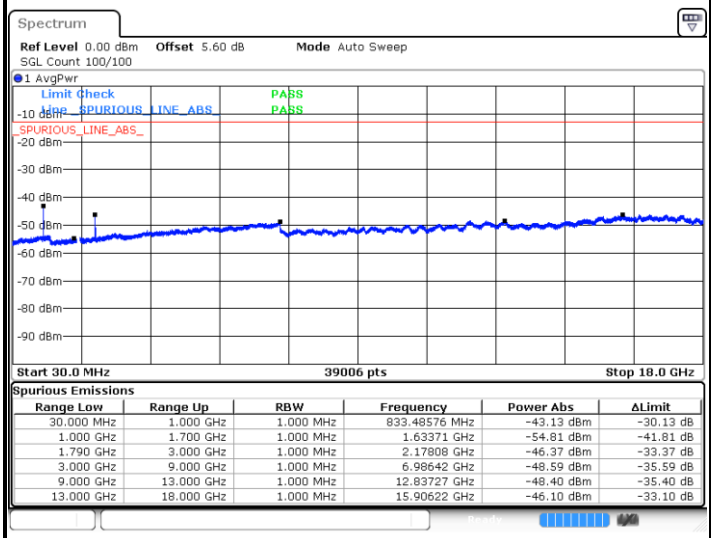


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.05 dBm	-30.05 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63791 GHz	-54.66 dBm	-41.66 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.14018 GHz	-50.50 dBm	-37.50 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99942 GHz	-48.98 dBm	-35.98 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.96538 GHz	-48.38 dBm	-35.38 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.91497 GHz	-46.34 dBm	-33.34 dB

Date: 29.JUN.2020 00:25:59

Highest Channel / 1RB1



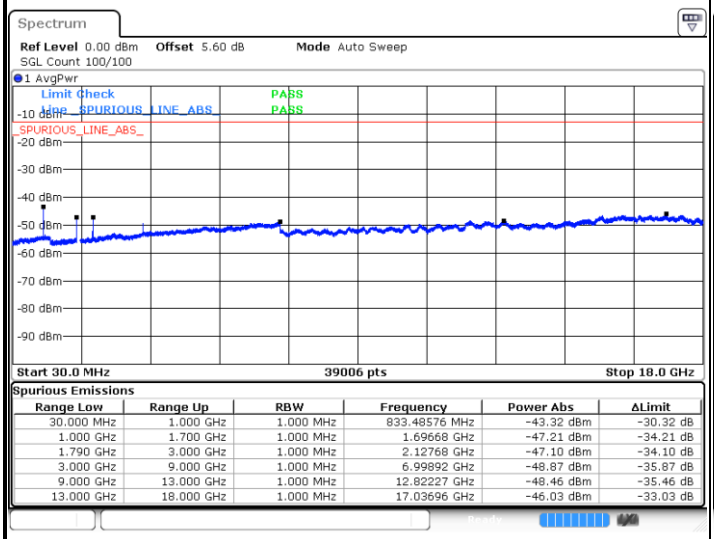
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.13 dBm	-30.13 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.63371 GHz	-54.81 dBm	-41.81 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17808 GHz	-46.37 dBm	-33.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98642 GHz	-48.59 dBm	-35.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.83727 GHz	-48.40 dBm	-35.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.90622 GHz	-46.10 dBm	-33.10 dB

Date: 29.JUN.2020 00:37:25

5G NR n66 / 20MHz / DFT-S OFDM / 256QAM

Lowest Channel / 1RB1

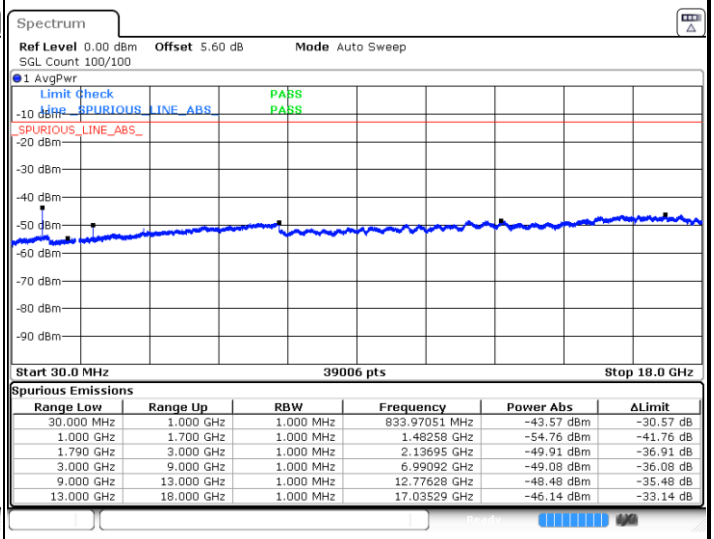


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.32 dBm	-30.32 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-47.21 dBm	-34.21 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.12768 GHz	-47.10 dBm	-34.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99892 GHz	-48.87 dBm	-35.87 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.82227 GHz	-48.46 dBm	-35.46 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03696 GHz	-46.03 dBm	-33.03 dB

Date: 29.JUN.2020 00:48:30

Middle Channel / 1RB1

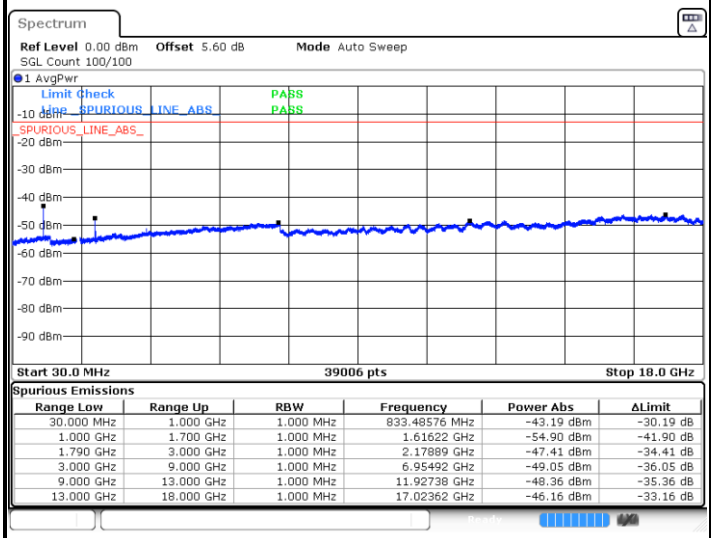


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.97051 MHz	-43.57 dBm	-30.57 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.48258 GHz	-54.76 dBm	-41.76 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.13695 GHz	-49.91 dBm	-36.91 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99092 GHz	-49.08 dBm	-36.08 dB
9.000 GHz	13.000 GHz	1.000 MHz	12.77628 GHz	-48.48 dBm	-35.48 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.03529 GHz	-46.14 dBm	-33.14 dB

Date: 29.JUN.2020 01:03:06

Highest Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	833.48576 MHz	-43.19 dBm	-30.19 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.61622 GHz	-54.90 dBm	-41.90 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.17889 GHz	-47.41 dBm	-34.41 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95492 GHz	-49.05 dBm	-36.05 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.92738 GHz	-48.36 dBm	-35.36 dB
13.000 GHz	18.000 GHz	1.000 MHz	17.02362 GHz	-46.16 dBm	-33.16 dB

Date: 29.JUN.2020 01:51:12

Frequency Stability

Test Conditions		5G NR n66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0011	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

5G NR EN-DC_2A_n71

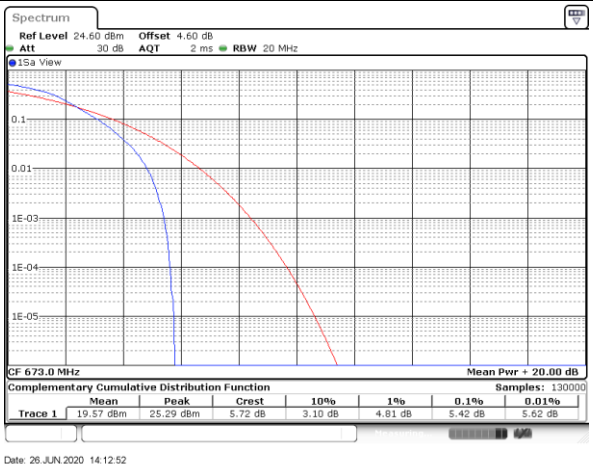
Peak-to-Average Ratio

Mode	N71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.67	5.36	5.62	6.46	PASS
Middle CH	5.07	5.19	6.03	6.35	
Highest CH	4.72	5.36	5.59	6.55	
Mode	N71 / 20MHz				
Mod.	64QAM		256QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.23	6.90	7.22	7.10	PASS
Middle CH	6.90	6.72	7.07	7.28	
Highest CH	7.39	6.96	7.36	7.48	
Mode	N71 / 20MHz				
Mod.	BPSK				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.55	5.42			PASS
Middle CH	5.33	4.20			
Highest CH	4.52	4.67			

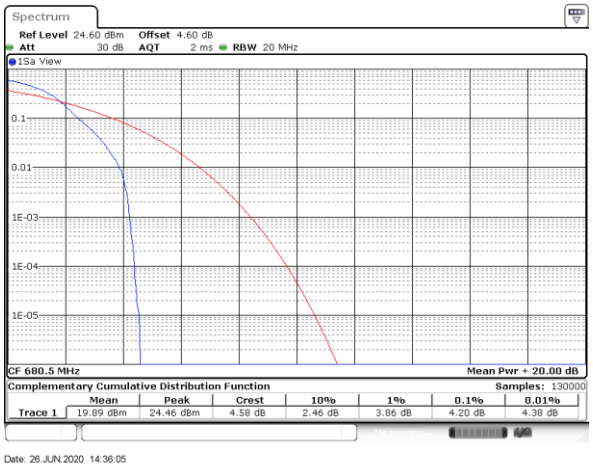
5G NR n71 / 20MHz / DFT-S OFDM

PI/2 BPSK

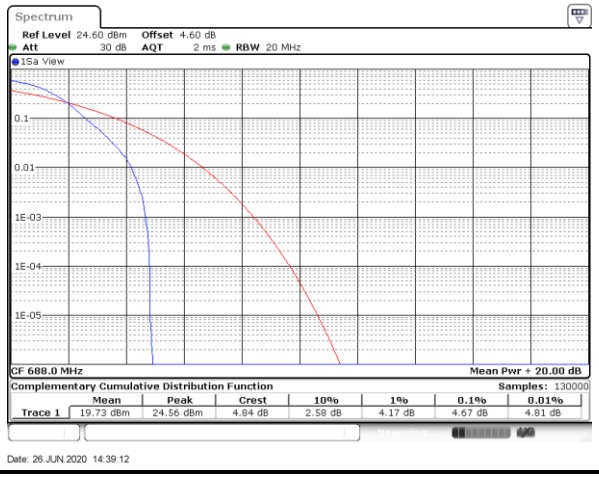
Lowest Channel / Full RB



Middle Channel / Full RB

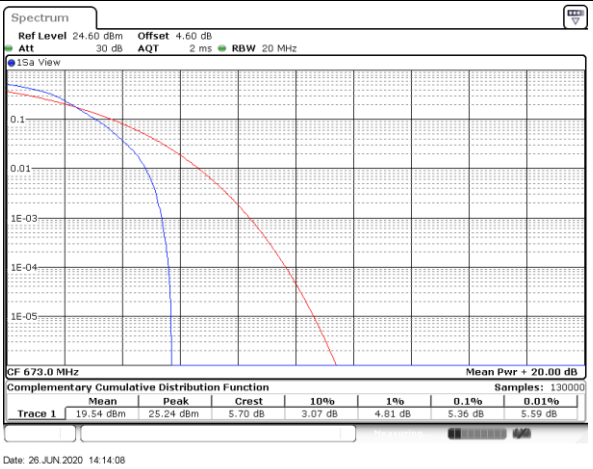


Highest Channel / Full RB

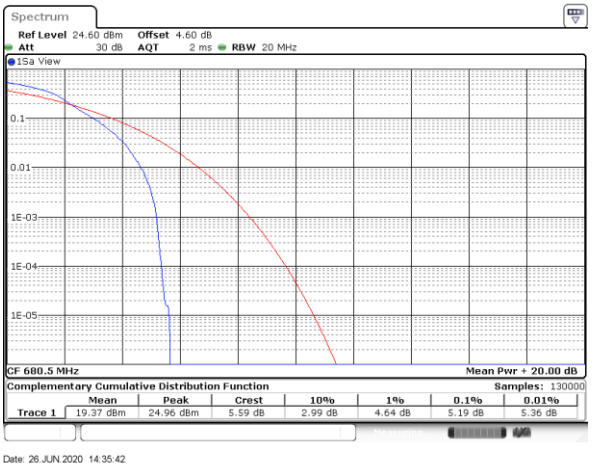


QPSK

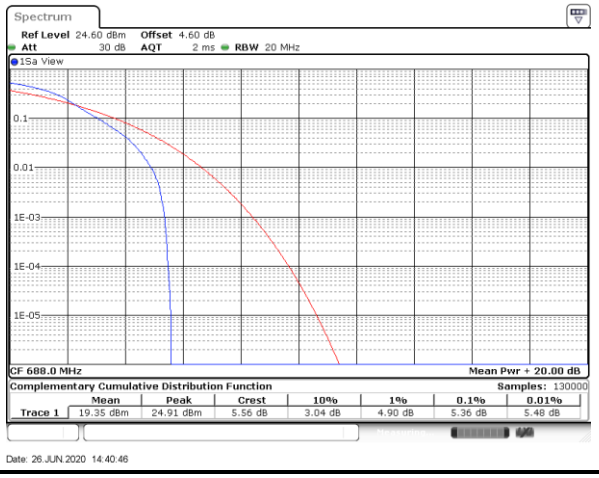
Lowest Channel / Full RB



Middle Channel / Full RB



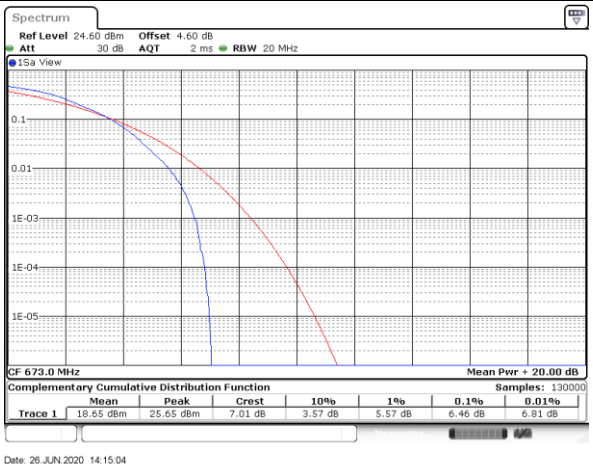
Highest Channel / Full RB



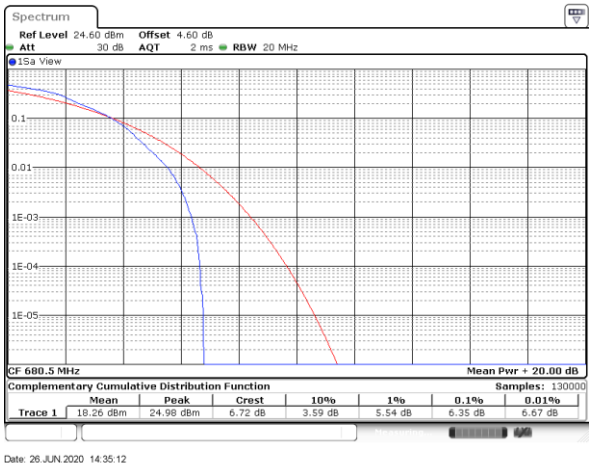
5G NR n71 / 20MHz / DFT-S OFDM

16QAM

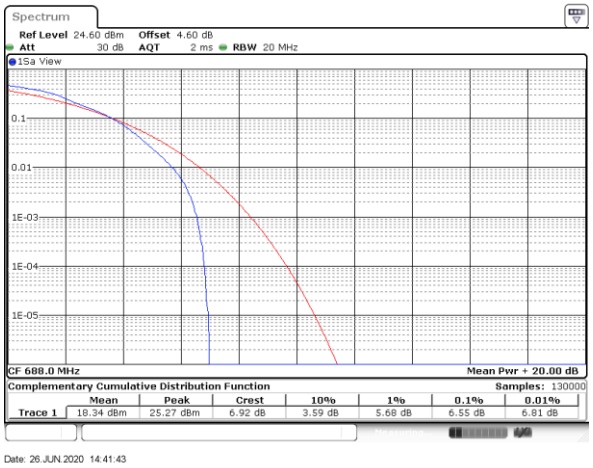
Lowest Channel / Full RB



Middle Channel / Full RB

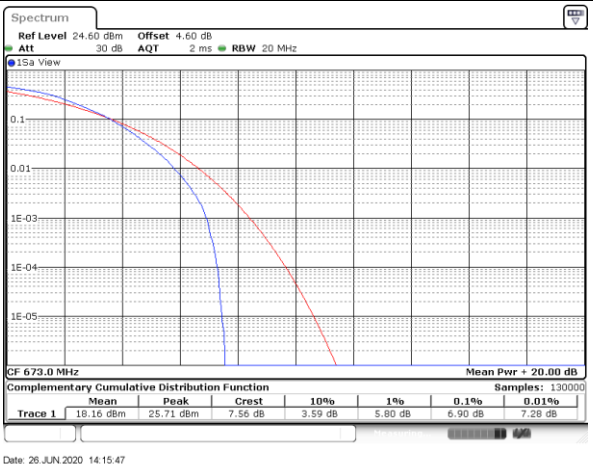


Highest Channel / Full RB

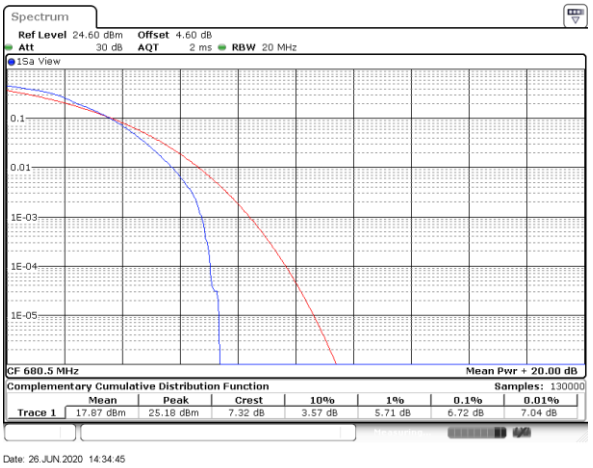


64QAM

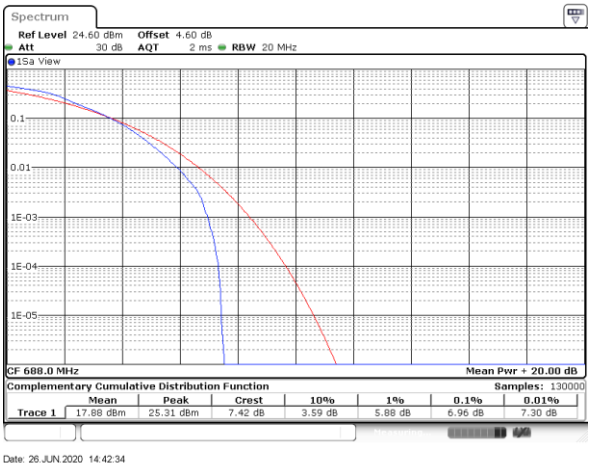
Lowest Channel / Full RB

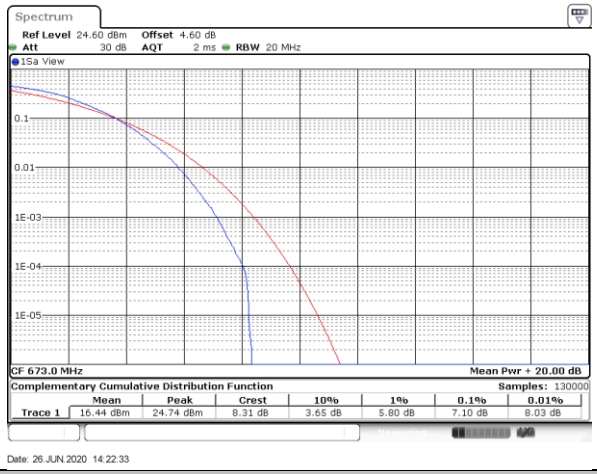
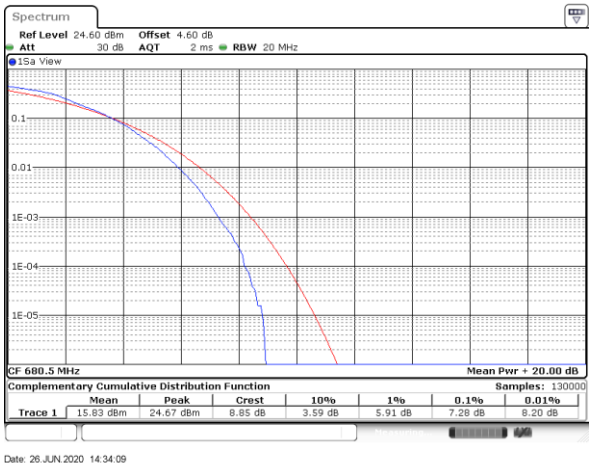
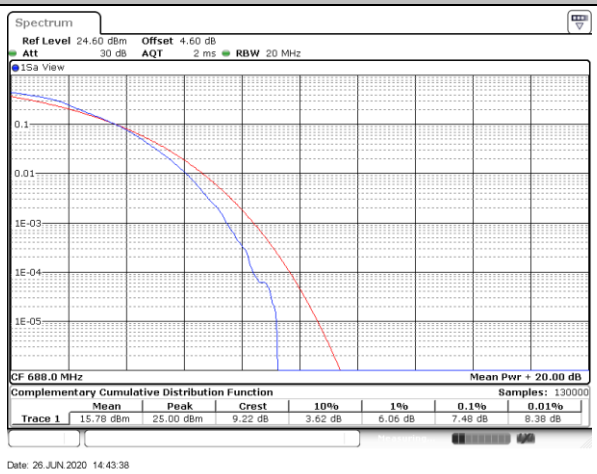


Middle Channel / Full RB



Highest Channel / Full RB

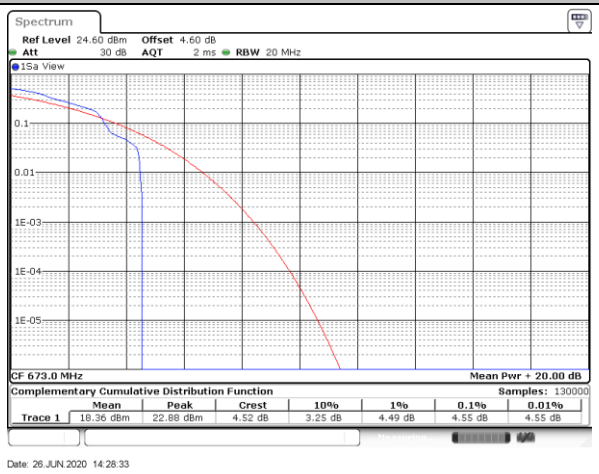


5G NR n71 / 20MHz / DFT-S OFDM	
256QAM	
Lowest Channel / Full RB	
	
Middle Channel / Full RB	
	
Highest Channel / Full RB	
	

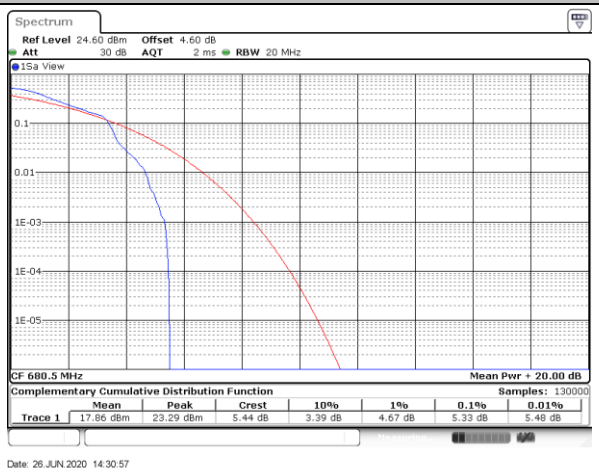
5G NR n71 / 20MHz / DFT-S OFDM

PI/2 BPSK

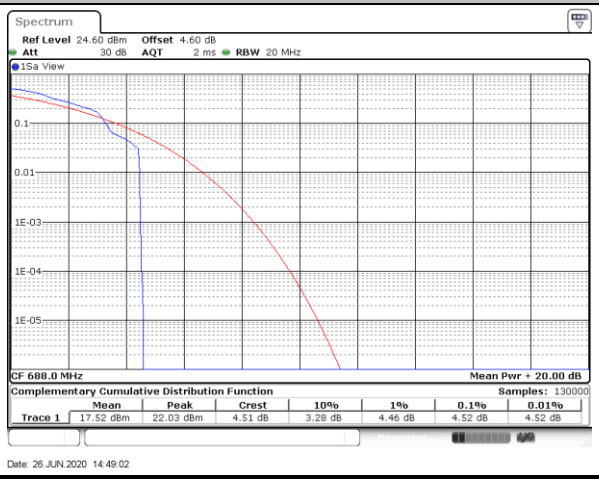
Lowest Channel / 1RB0



Middle Channel / 1RB0

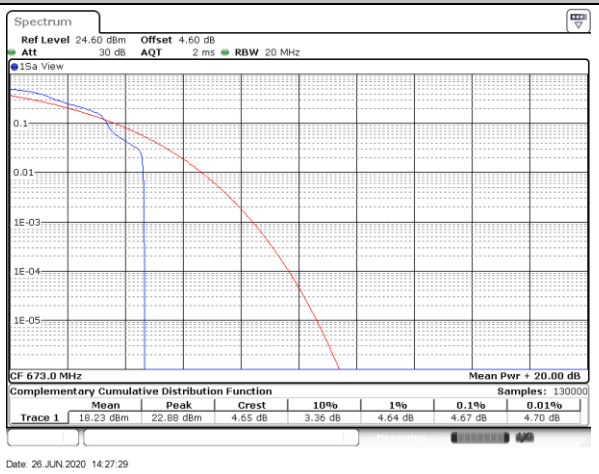


Highest Channel / 1RB0

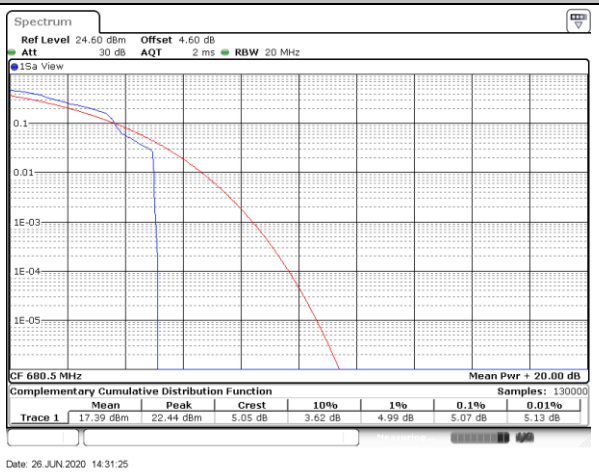
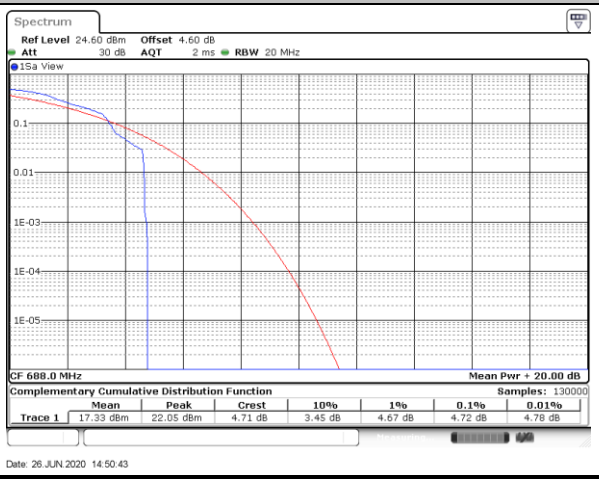


QPSK

Lowest Channel / 1RB0



Middle Channel / 1RB0



Highest Channel / 1RB0