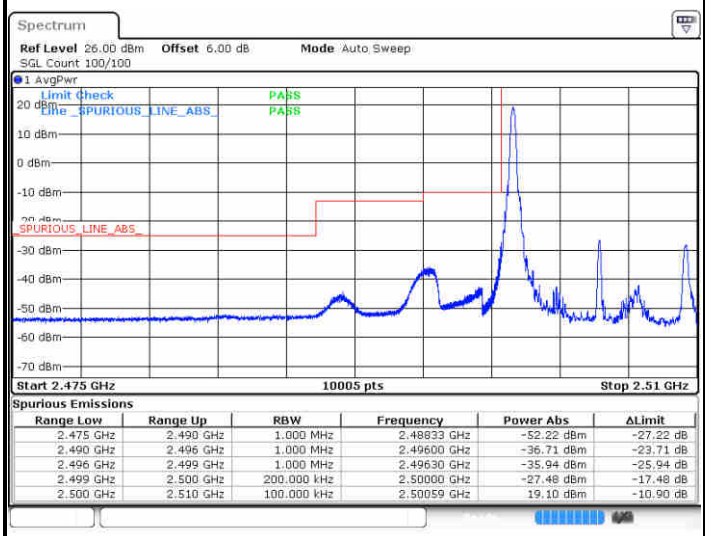
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

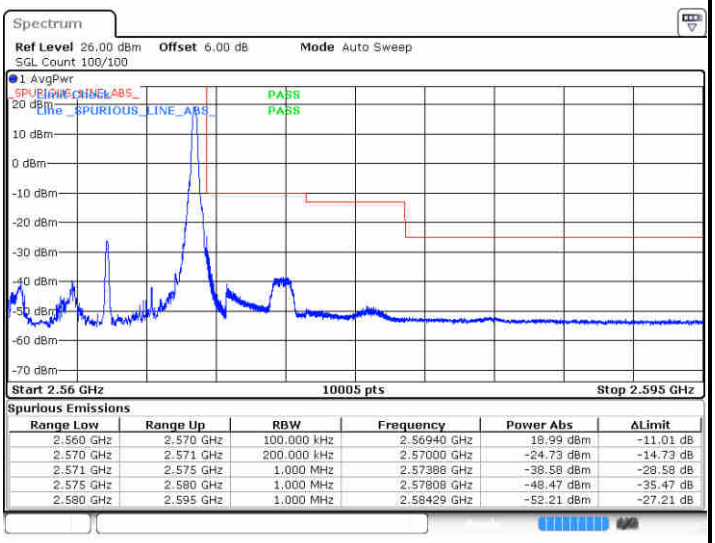


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48833 GHz	-52.22 dBm	-27.22 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49600 GHz	-36.71 dBm	-23.71 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49630 GHz	-35.94 dBm	-25.94 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-27.48 dBm	-17.48 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	19.10 dBm	-10.90 dB

Date: 19.JAN.2020 09:36:32

Highest Band Edge / 1 RB

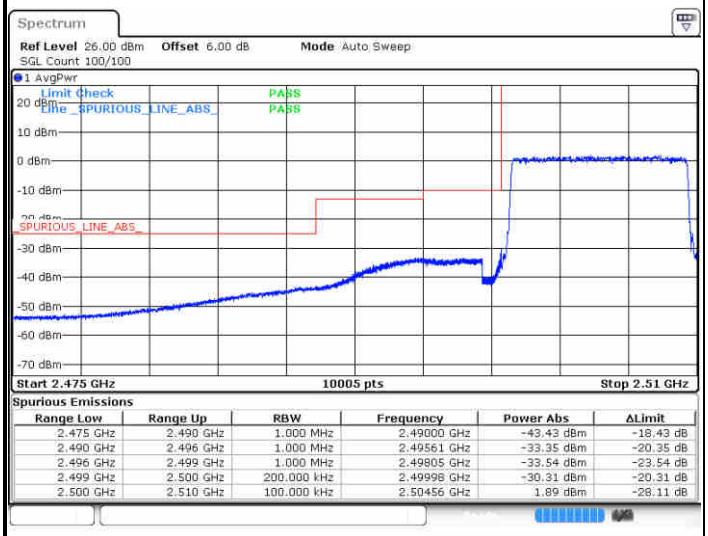


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56940 GHz	18.99 dBm	-11.01 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-24.73 dBm	-14.73 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57388 GHz	-38.58 dBm	-28.58 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57808 GHz	-48.47 dBm	-35.47 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58429 GHz	-52.21 dBm	-27.21 dB

Date: 19.JAN.2020 09:42:13

Lowest Band Edge / Full RB

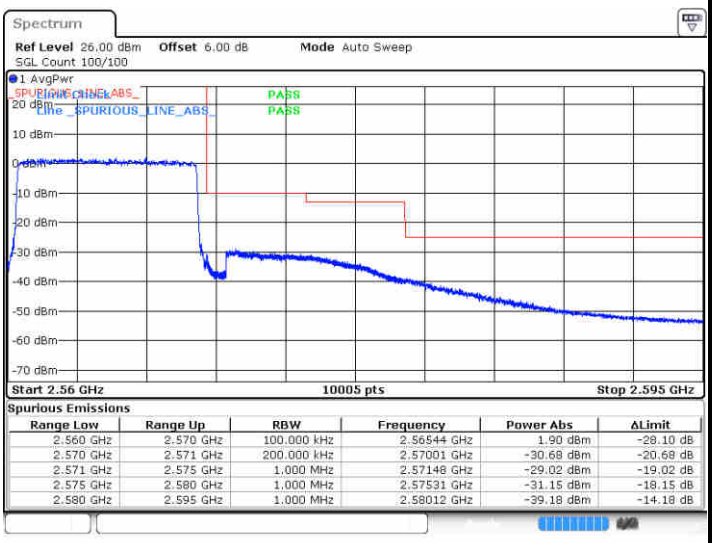


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49000 GHz	-43.43 dBm	-18.43 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49561 GHz	-33.35 dBm	-20.35 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49805 GHz	-33.54 dBm	-23.54 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-30.31 dBm	-20.31 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50456 GHz	1.89 dBm	-28.11 dB

Date: 19.JAN.2020 09:37:41

Highest Band Edge / Full RB



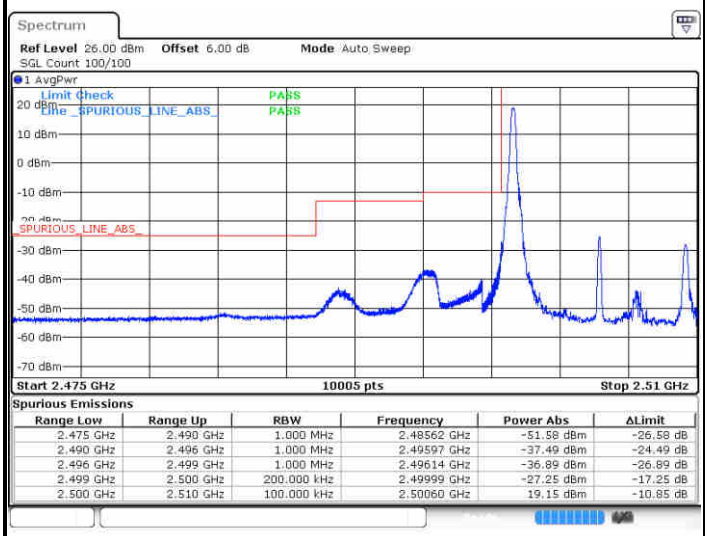
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56544 GHz	1.90 dBm	-28.10 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-30.68 dBm	-20.68 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57148 GHz	-29.02 dBm	-19.02 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57531 GHz	-31.15 dBm	-18.15 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58012 GHz	-39.18 dBm	-14.18 dB

Date: 19.JAN.2020 09:41:05

LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

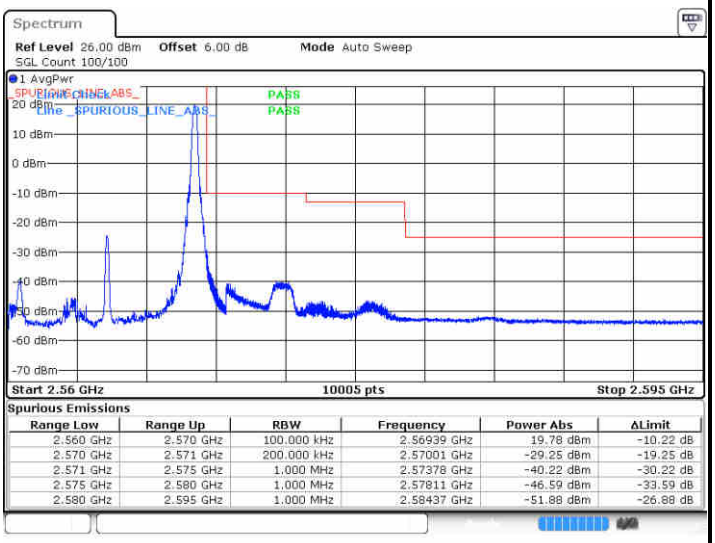


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48562 GHz	-51.58 dBm	-26.58 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-37.49 dBm	-24.49 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49614 GHz	-36.89 dBm	-26.89 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-27.25 dBm	-17.25 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50060 GHz	19.15 dBm	-10.85 dB

Date: 19.JAN.2020 10:34:43

Highest Band Edge / 1 RB

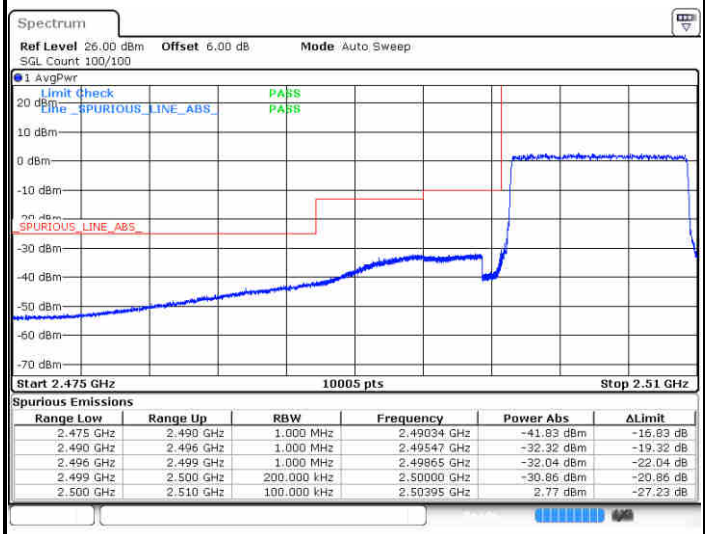


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56939 GHz	19.78 dBm	-10.22 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-29.25 dBm	-19.25 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57378 GHz	-40.22 dBm	-30.22 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57811 GHz	-46.59 dBm	-33.59 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58437 GHz	-51.88 dBm	-26.88 dB

Date: 19.JAN.2020 10:36:59

Lowest Band Edge / Full RB

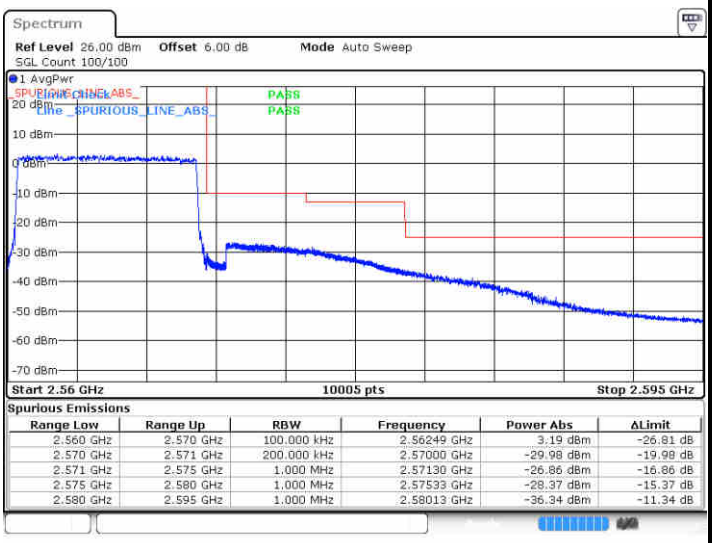


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49034 GHz	-41.83 dBm	-16.83 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49547 GHz	-32.32 dBm	-19.32 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49865 GHz	-32.04 dBm	-22.04 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-30.86 dBm	-20.86 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50395 GHz	2.77 dBm	-27.23 dB

Date: 19.JAN.2020 10:35:51

Highest Band Edge / Full RB



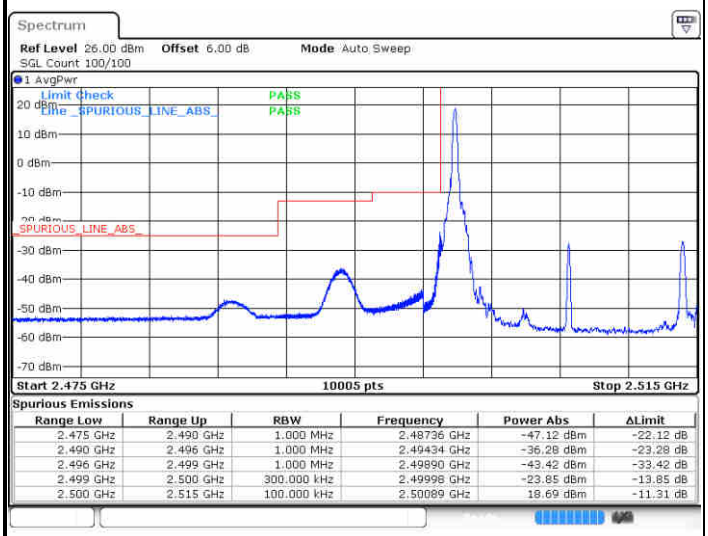
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56249 GHz	3.19 dBm	-26.81 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-29.98 dBm	-19.98 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57130 GHz	-26.86 dBm	-16.86 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57533 GHz	-28.37 dBm	-15.37 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58013 GHz	-36.34 dBm	-11.34 dB

Date: 19.JAN.2020 10:38:07

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

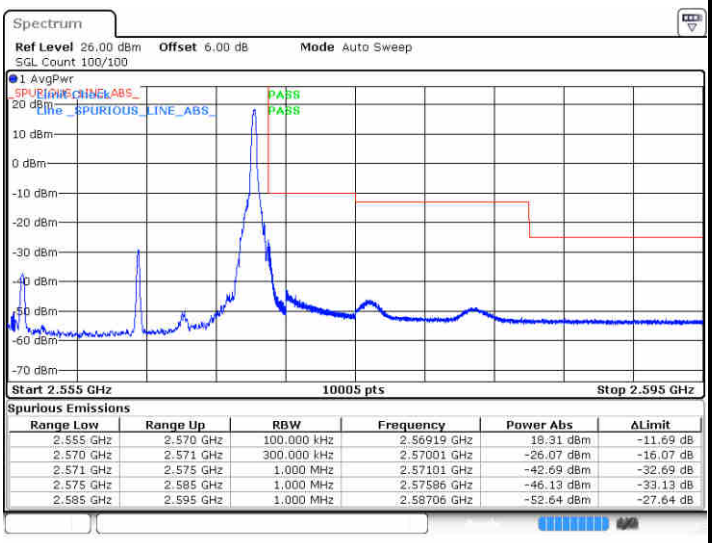


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48736 GHz	-47.12 dBm	-22.12 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49434 GHz	-36.28 dBm	-23.28 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49890 GHz	-43.42 dBm	-33.42 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-23.85 dBm	-13.85 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50089 GHz	18.69 dBm	-11.31 dB

Date: 19.JAN.2020 09:51:51

Highest Band Edge / 1 RB

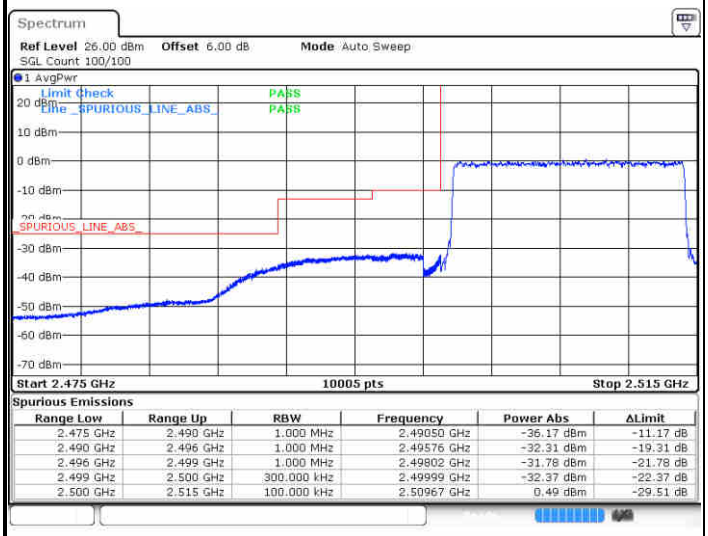


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56919 GHz	18.31 dBm	-11.69 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-26.07 dBm	-16.07 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-42.69 dBm	-32.69 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57586 GHz	-46.13 dBm	-33.13 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58706 GHz	-52.64 dBm	-27.64 dB

Date: 19.JAN.2020 09:59:48

Lowest Band Edge / Full RB

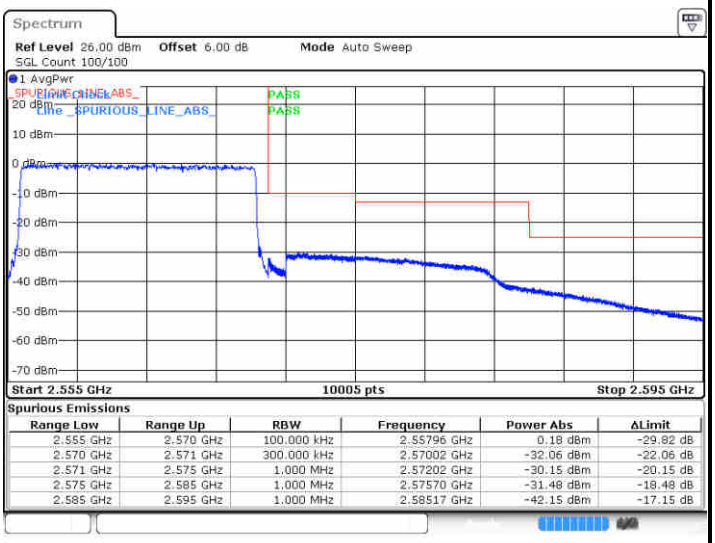


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-36.17 dBm	-11.17 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49576 GHz	-32.31 dBm	-19.31 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49802 GHz	-31.78 dBm	-21.78 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-32.37 dBm	-22.37 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50967 GHz	0.49 dBm	-29.51 dB

Date: 19.JAN.2020 09:55:16

Highest Band Edge / Full RB



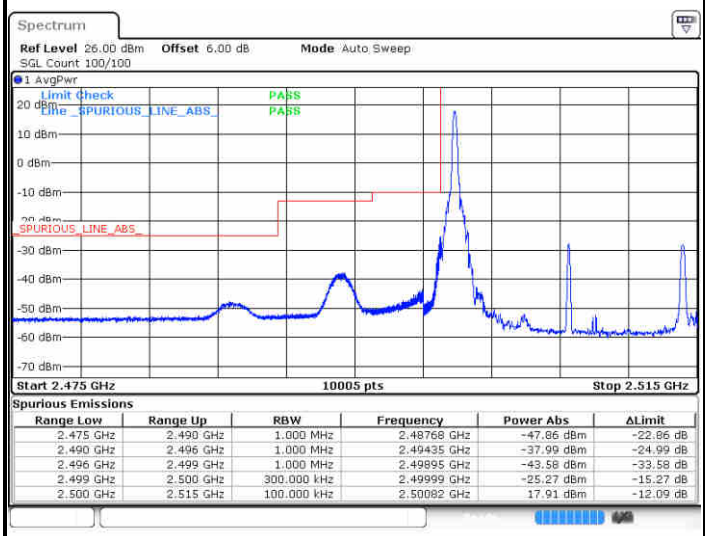
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55796 GHz	0.18 dBm	-29.82 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-32.06 dBm	-22.06 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57202 GHz	-30.15 dBm	-20.15 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57570 GHz	-31.48 dBm	-18.48 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58517 GHz	-42.15 dBm	-17.15 dB

Date: 19.JAN.2020 09:56:24

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

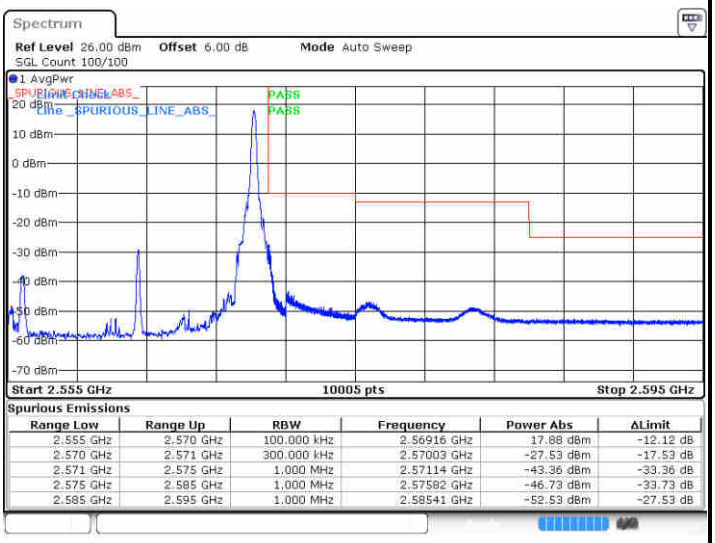


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48768 GHz	-47.86 dBm	-22.86 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49435 GHz	-37.99 dBm	-24.99 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-43.58 dBm	-33.58 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-25.27 dBm	-15.27 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50082 GHz	17.91 dBm	-12.09 dB

Date: 19.JAN.2020 09:53:00

Highest Band Edge / 1 RB

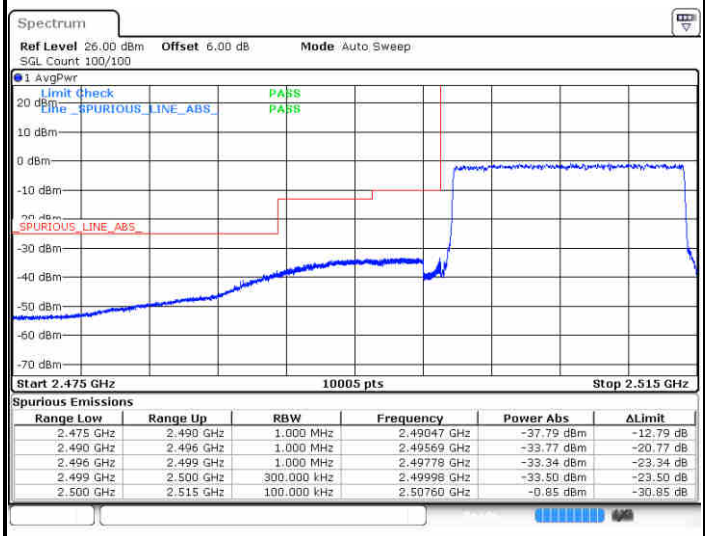


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	17.88 dBm	-12.12 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57003 GHz	-27.53 dBm	-17.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-43.36 dBm	-33.36 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57582 GHz	-46.73 dBm	-33.73 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58541 GHz	-52.53 dBm	-27.53 dB

Date: 19.JAN.2020 09:58:40

Lowest Band Edge / Full RB

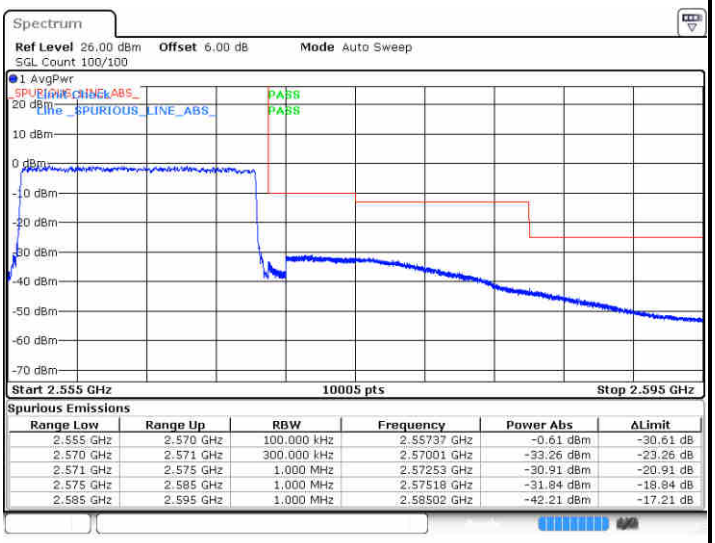


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-37.79 dBm	-12.79 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49569 GHz	-33.77 dBm	-20.77 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49778 GHz	-33.34 dBm	-23.34 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-33.50 dBm	-23.50 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50760 GHz	-0.85 dBm	-30.85 dB

Date: 19.JAN.2020 09:54:08

Highest Band Edge / Full RB



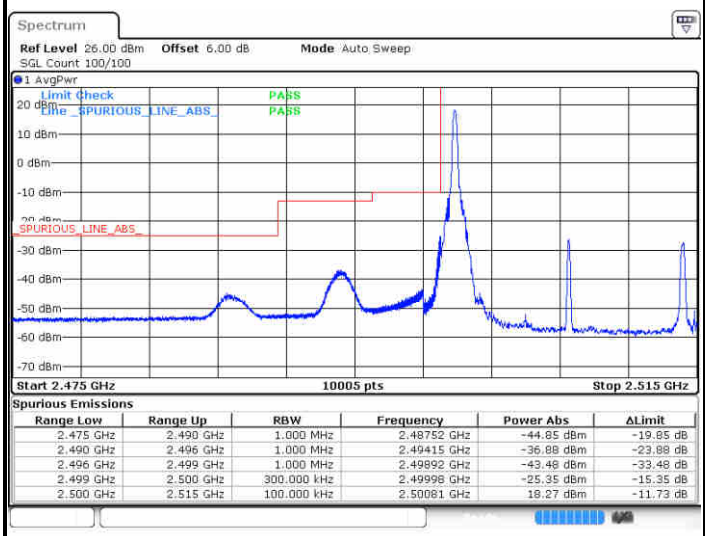
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55737 GHz	-0.61 dBm	-30.61 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-33.26 dBm	-23.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57253 GHz	-30.91 dBm	-20.91 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57518 GHz	-31.84 dBm	-18.84 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58502 GHz	-42.21 dBm	-17.21 dB

Date: 19.JAN.2020 09:57:32

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

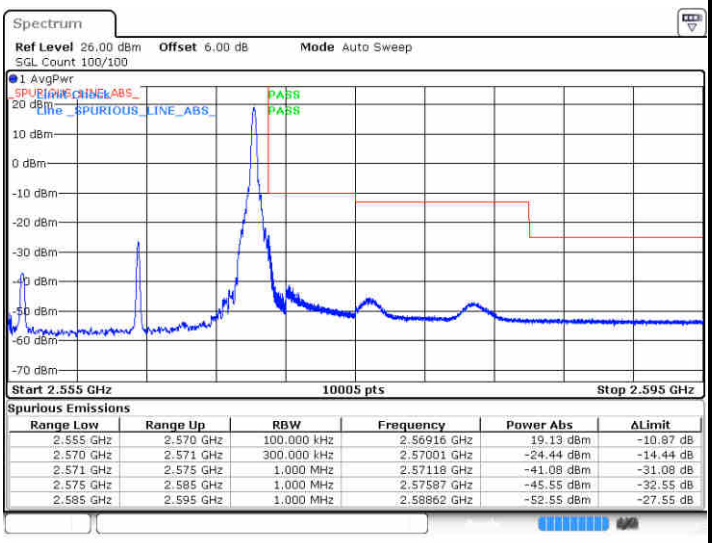


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48752 GHz	-44.85 dBm	-19.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49415 GHz	-36.88 dBm	-23.88 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49892 GHz	-43.48 dBm	-33.48 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-25.35 dBm	-15.35 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50081 GHz	18.27 dBm	-11.73 dB

Date: 19.JAN.2020 10:41:23

Highest Band Edge / 1 RB

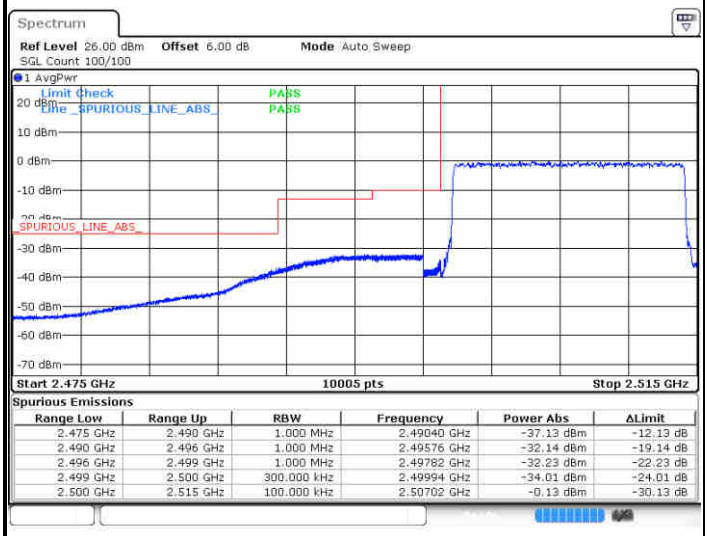


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.13 dBm	-10.87 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-24.44 dBm	-14.44 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57118 GHz	-41.08 dBm	-31.08 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57587 GHz	-45.55 dBm	-32.55 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58862 GHz	-52.55 dBm	-27.55 dB

Date: 19.JAN.2020 10:43:39

Lowest Band Edge / Full RB

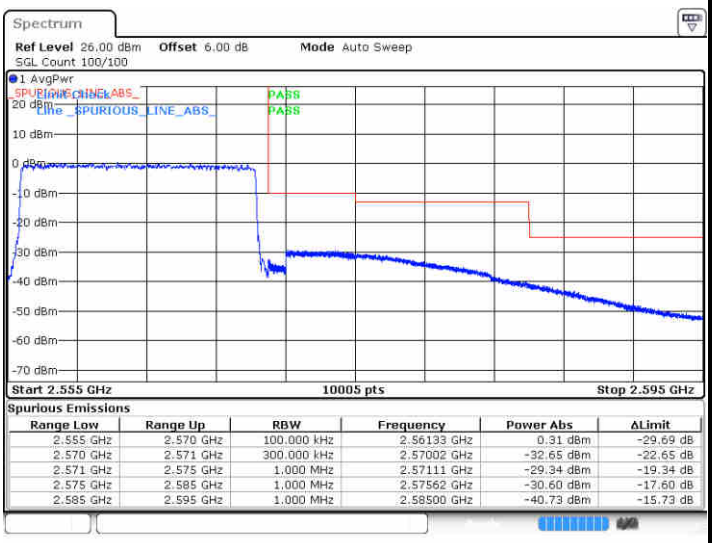


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-37.13 dBm	-12.13 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49576 GHz	-32.14 dBm	-19.14 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49782 GHz	-32.23 dBm	-22.23 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49994 GHz	-34.01 dBm	-24.01 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50702 GHz	-0.13 dBm	-30.13 dB

Date: 19.JAN.2020 10:40:15

Highest Band Edge / Full RB



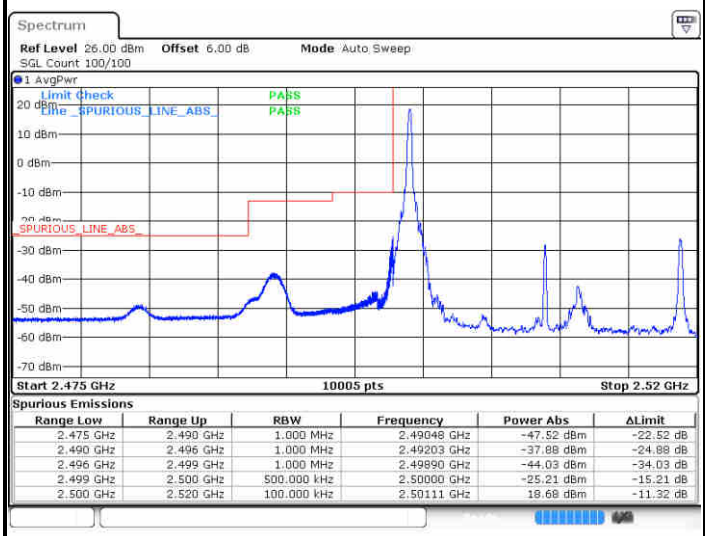
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56133 GHz	0.31 dBm	-29.69 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-32.65 dBm	-22.65 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57111 GHz	-29.34 dBm	-19.34 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57562 GHz	-30.60 dBm	-17.60 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58500 GHz	-40.73 dBm	-15.73 dB

Date: 19.JAN.2020 10:42:31

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

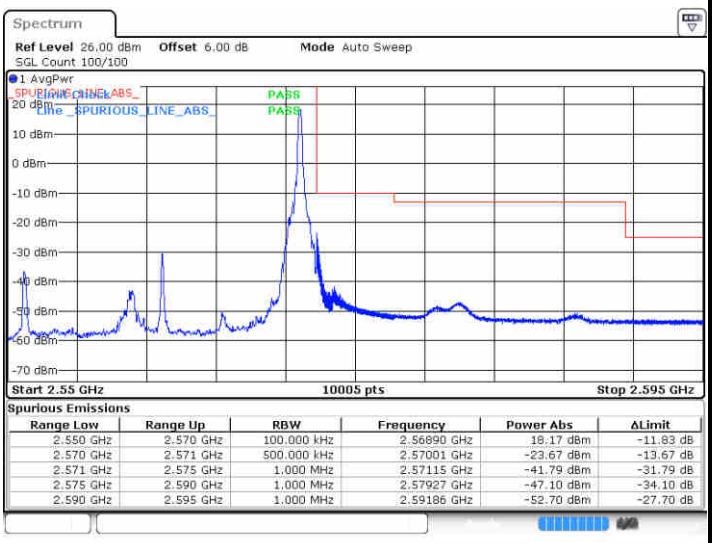


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-47.52 dBm	-22.52 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49203 GHz	-37.88 dBm	-24.88 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49890 GHz	-44.03 dBm	-34.03 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-25.21 dBm	-15.21 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50111 GHz	18.68 dBm	-11.32 dB

Date: 19.JAN.2020 10:08:19

Highest Band Edge / 1 RB

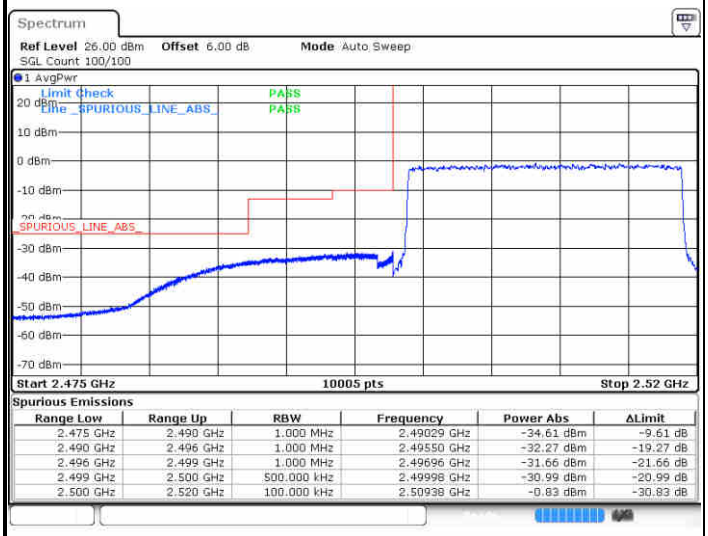


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56890 GHz	18.17 dBm	-11.83 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57001 GHz	-23.67 dBm	-13.67 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-41.79 dBm	-31.79 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57927 GHz	-47.10 dBm	-34.10 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59186 GHz	-52.70 dBm	-27.70 dB

Date: 19.JAN.2020 10:16:17

Lowest Band Edge / Full RB

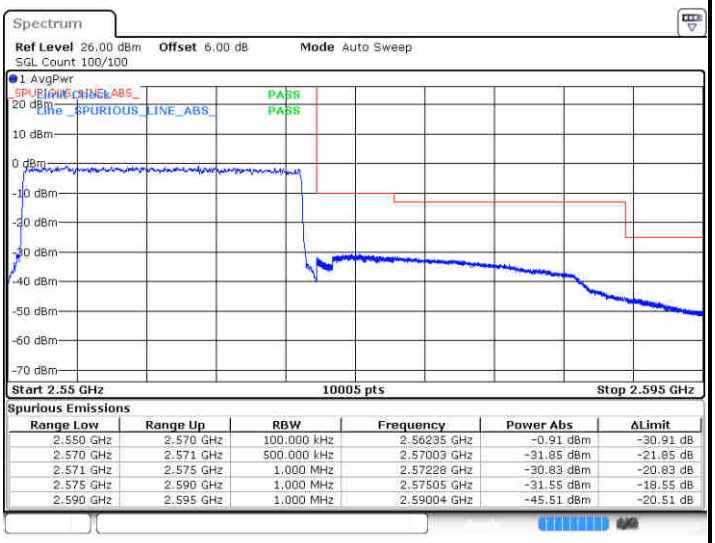


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49029 GHz	-34.61 dBm	-9.61 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49550 GHz	-32.27 dBm	-19.27 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49696 GHz	-31.66 dBm	-21.66 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-30.99 dBm	-20.99 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50938 GHz	-0.83 dBm	-30.83 dB

Date: 19.JAN.2020 10:11:44

Highest Band Edge / Full RB



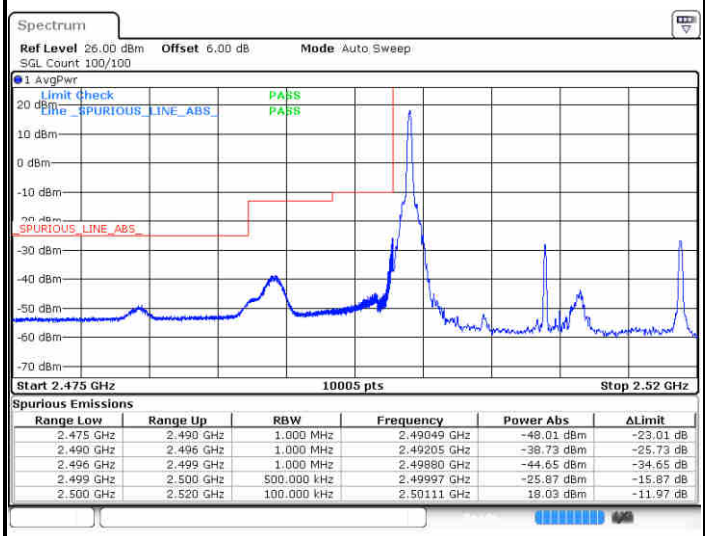
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56235 GHz	-0.91 dBm	-30.91 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57003 GHz	-31.85 dBm	-21.85 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57228 GHz	-30.83 dBm	-20.83 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57505 GHz	-31.55 dBm	-18.55 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59004 GHz	-45.51 dBm	-20.51 dB

Date: 19.JAN.2020 10:12:52

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

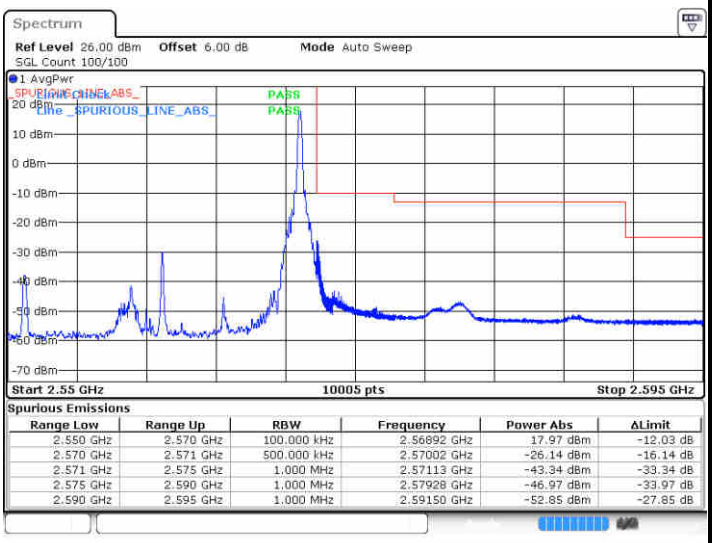


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-48.01 dBm	-23.01 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49205 GHz	-38.73 dBm	-25.73 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49880 GHz	-44.65 dBm	-34.65 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-25.87 dBm	-15.87 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50111 GHz	18.03 dBm	-11.97 dB

Date: 19.JAN.2020 10:09:28

Highest Band Edge / 1RB

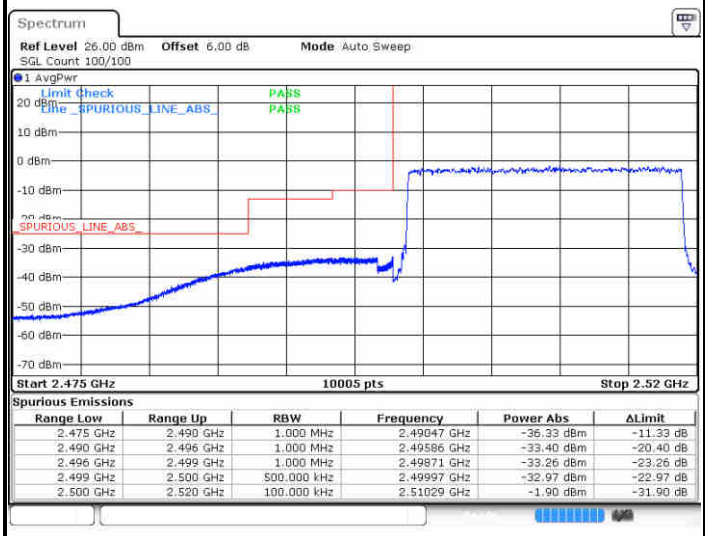


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	17.97 dBm	-12.03 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-26.14 dBm	-16.14 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-43.34 dBm	-33.34 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57928 GHz	-46.97 dBm	-33.97 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59150 GHz	-52.85 dBm	-27.85 dB

Date: 19.JAN.2020 10:15:08

Lowest Band Edge / Full RB

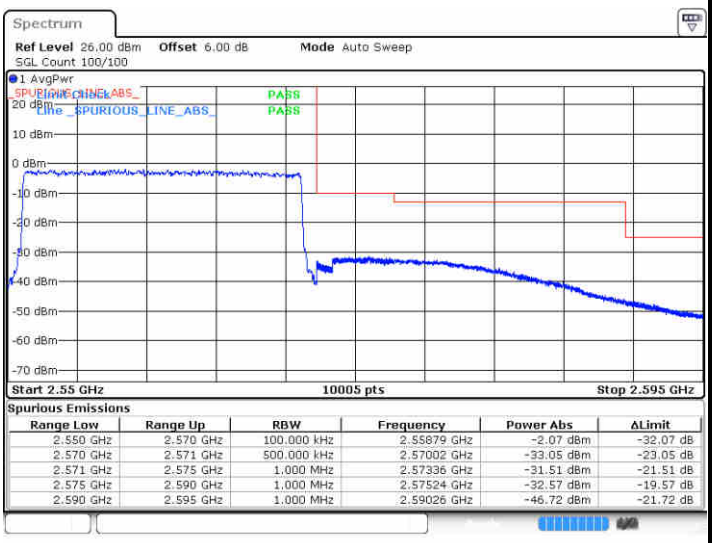


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-36.33 dBm	-11.33 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49586 GHz	-33.40 dBm	-20.40 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49871 GHz	-33.26 dBm	-23.26 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49997 GHz	-32.97 dBm	-22.97 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51029 GHz	-1.90 dBm	-31.90 dB

Date: 19.JAN.2020 10:10:36

Highest Band Edge / Full RB



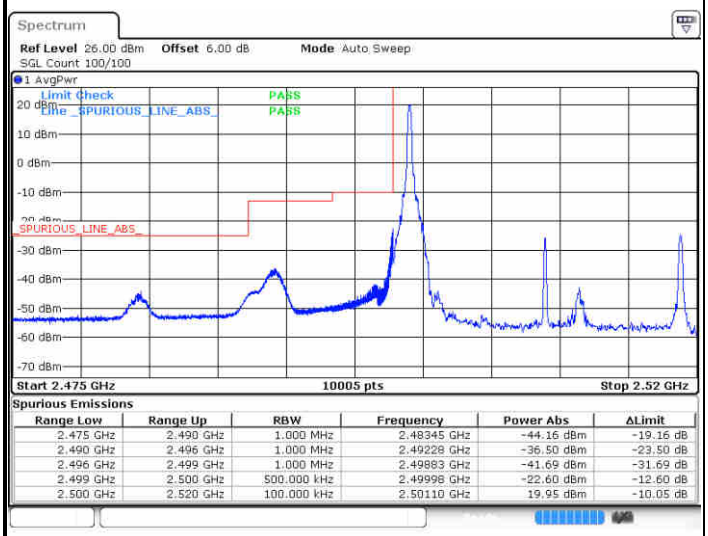
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55879 GHz	-2.07 dBm	-32.07 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-33.05 dBm	-23.05 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57336 GHz	-31.51 dBm	-21.51 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57524 GHz	-32.57 dBm	-19.57 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59026 GHz	-46.72 dBm	-21.72 dB

Date: 19.JAN.2020 10:14:00

LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

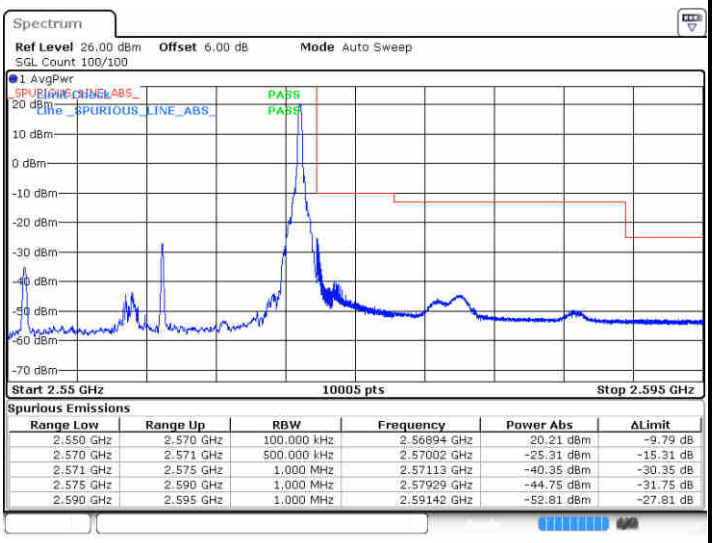


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48345 GHz	-44.16 dBm	-19.16 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49228 GHz	-36.50 dBm	-23.50 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49883 GHz	-41.69 dBm	-31.69 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-22.60 dBm	-12.60 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50110 GHz	19.95 dBm	-10.05 dB

Date: 19.JAN.2020 10:49:37

Highest Band Edge / 1 RB

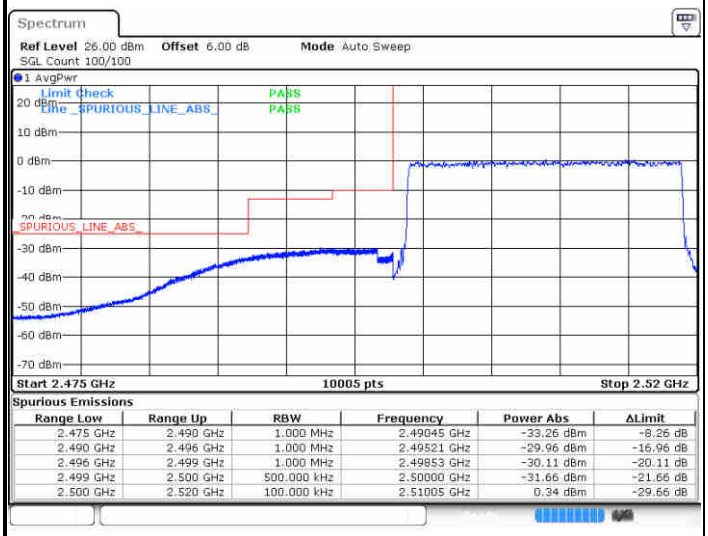


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56894 GHz	20.21 dBm	-9.79 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-25.31 dBm	-15.31 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-40.35 dBm	-30.35 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57929 GHz	-44.75 dBm	-31.75 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59142 GHz	-52.81 dBm	-27.81 dB

Date: 19.JAN.2020 10:51:53

Lowest Band Edge / Full RB

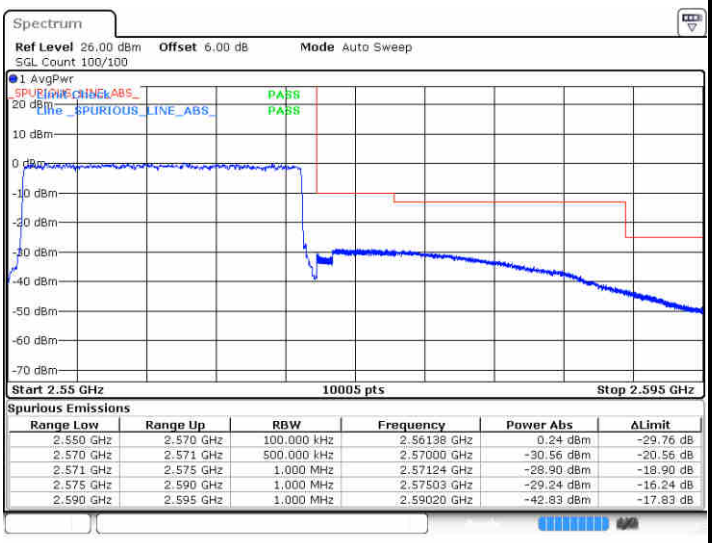


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-33.26 dBm	-8.26 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49521 GHz	-29.96 dBm	-16.96 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49853 GHz	-30.11 dBm	-20.11 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.50000 GHz	-31.66 dBm	-21.66 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51005 GHz	0.34 dBm	-29.66 dB

Date: 19.JAN.2020 10:48:29

Highest Band Edge / Full RB



Spurious Emissions

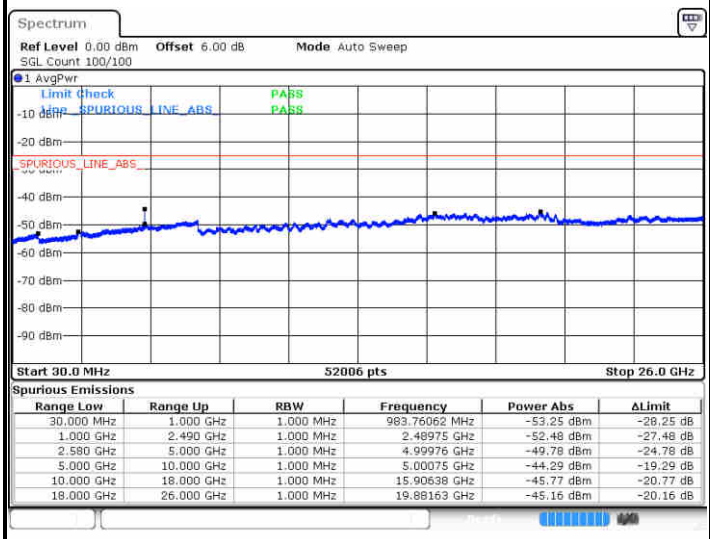
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56138 GHz	0.24 dBm	-29.76 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-30.56 dBm	-20.56 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57124 GHz	-28.90 dBm	-18.90 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-29.24 dBm	-16.24 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59020 GHz	-42.83 dBm	-17.83 dB

Date: 19.JAN.2020 10:50:45

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

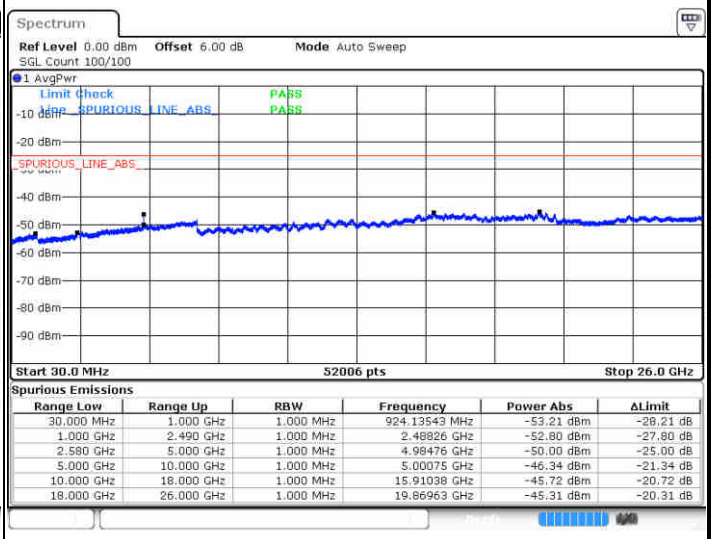


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-53.25 dBm	-28.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48975 GHz	-52.48 dBm	-27.48 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-49.78 dBm	-24.78 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-44.29 dBm	-19.29 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90638 GHz	-45.77 dBm	-20.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88163 GHz	-45.16 dBm	-20.16 dB

Date: 19.JAN.2020 09:15:52

Lowest Channel / 16QAM

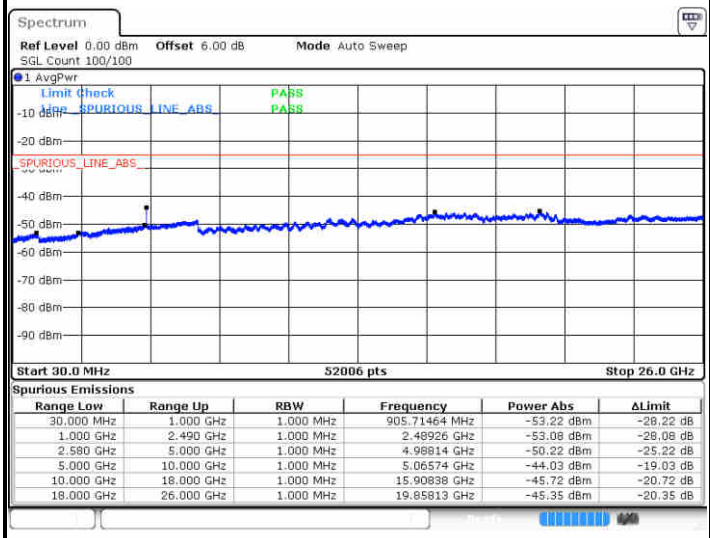


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.13543 MHz	-53.21 dBm	-28.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-52.80 dBm	-27.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98476 GHz	-50.00 dBm	-25.00 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-46.34 dBm	-21.34 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91038 GHz	-45.72 dBm	-20.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86963 GHz	-45.31 dBm	-20.31 dB

Date: 19.JAN.2020 09:28:40

Middle Channel / QPSK

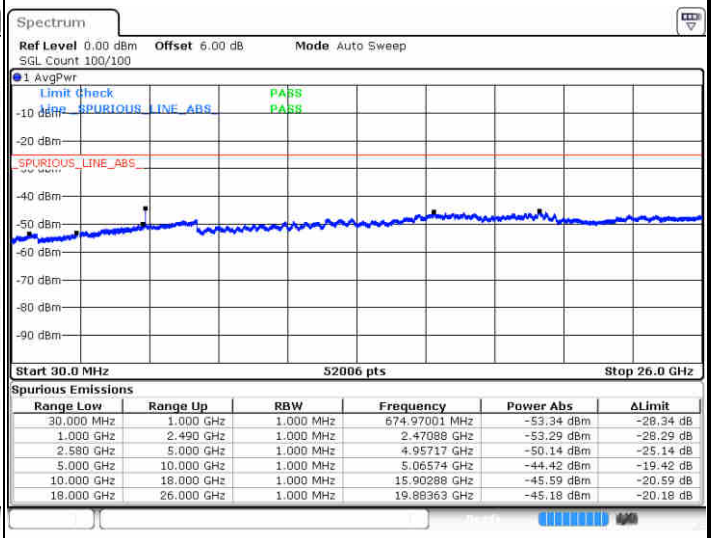


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.71464 MHz	-53.22 dBm	-28.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-53.08 dBm	-28.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98814 GHz	-50.22 dBm	-25.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06574 GHz	-44.03 dBm	-19.03 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90838 GHz	-45.72 dBm	-20.72 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85813 GHz	-45.35 dBm	-20.35 dB

Date: 19.JAN.2020 09:30:28

Middle Channel / 16QAM



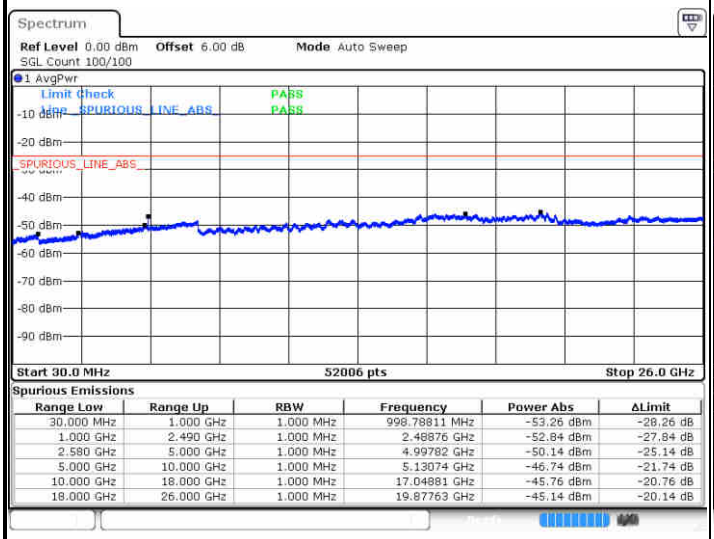
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	674.97001 MHz	-53.34 dBm	-28.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47088 GHz	-53.29 dBm	-28.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95717 GHz	-50.14 dBm	-25.14 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06574 GHz	-44.42 dBm	-19.42 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90288 GHz	-45.59 dBm	-20.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88363 GHz	-45.18 dBm	-20.18 dB

Date: 19.JAN.2020 09:29:34

LTE Band 7 / 5MHz

Highest Channel / QPSK

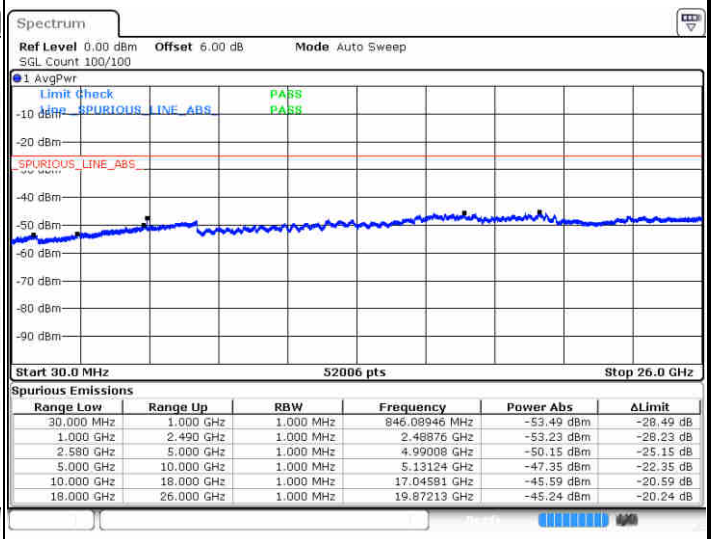


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-53.26 dBm	-28.26 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-52.84 dBm	-27.84 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99782 GHz	-50.14 dBm	-25.14 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.13074 GHz	-46.74 dBm	-21.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04881 GHz	-45.76 dBm	-20.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87763 GHz	-45.14 dBm	-20.14 dB

Date: 19.JAN.2020 09:31:21

Highest Channel / 16QAM



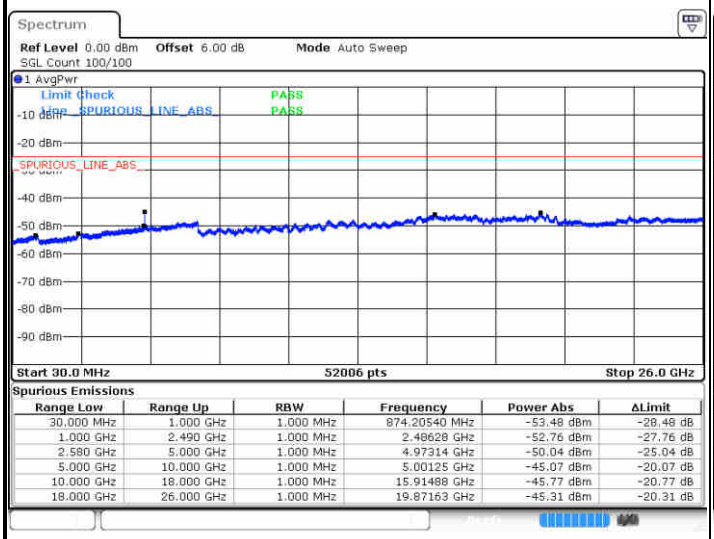
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	846.08946 MHz	-53.49 dBm	-28.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-53.23 dBm	-28.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99008 GHz	-50.15 dBm	-25.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.13124 GHz	-47.35 dBm	-22.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04581 GHz	-45.59 dBm	-20.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87213 GHz	-45.24 dBm	-20.24 dB

Date: 19.JAN.2020 09:32:15

LTE Band 7 / 10MHz

Lowest Channel / QPSK

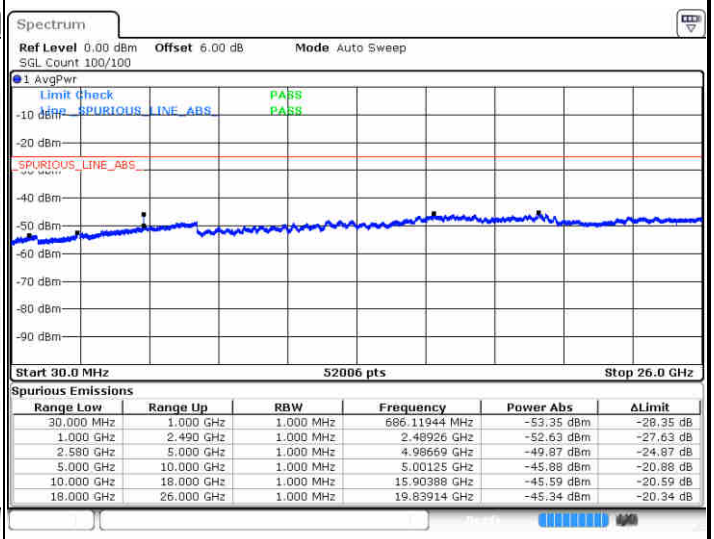


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	874.20540 MHz	-53.48 dBm	-28.48 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-52.76 dBm	-27.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97314 GHz	-50.04 dBm	-25.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-45.07 dBm	-20.07 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91488 GHz	-45.77 dBm	-20.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87163 GHz	-45.31 dBm	-20.31 dB

Date: 19.JAN.2020 09:44:13

Lowest Channel / 16QAM



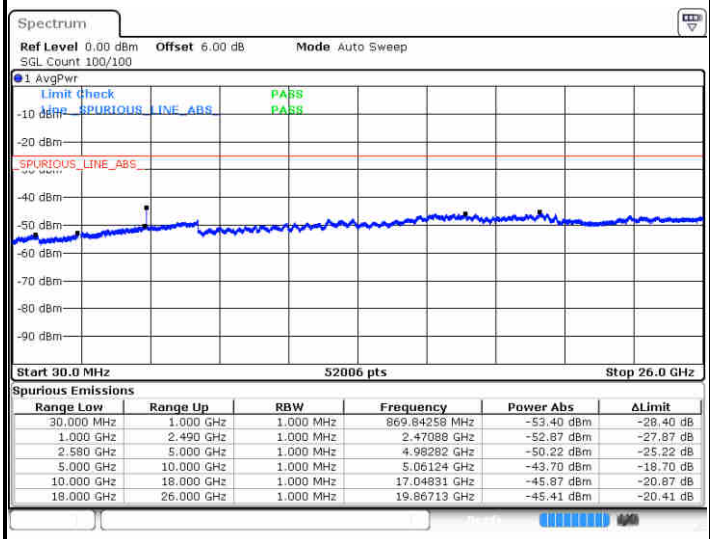
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	686.11944 MHz	-53.35 dBm	-28.35 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-52.63 dBm	-27.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-49.87 dBm	-24.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-45.88 dBm	-20.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90388 GHz	-45.59 dBm	-20.59 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.83914 GHz	-45.34 dBm	-20.34 dB

Date: 19.JAN.2020 09:45:07

LTE Band 7 / 10MHz

Middle Channel / QPSK

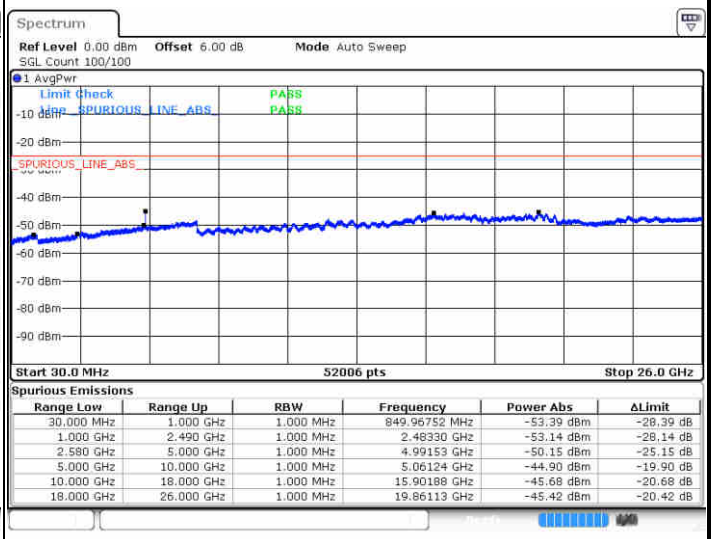


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	869.84258 MHz	-53.40 dBm	-28.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47088 GHz	-52.87 dBm	-27.87 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-50.22 dBm	-25.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06124 GHz	-43.70 dBm	-18.70 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04831 GHz	-45.87 dBm	-20.87 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86713 GHz	-45.41 dBm	-20.41 dB

Date: 19.JAN.2020 09:46:55

Middle Channel / 16QAM

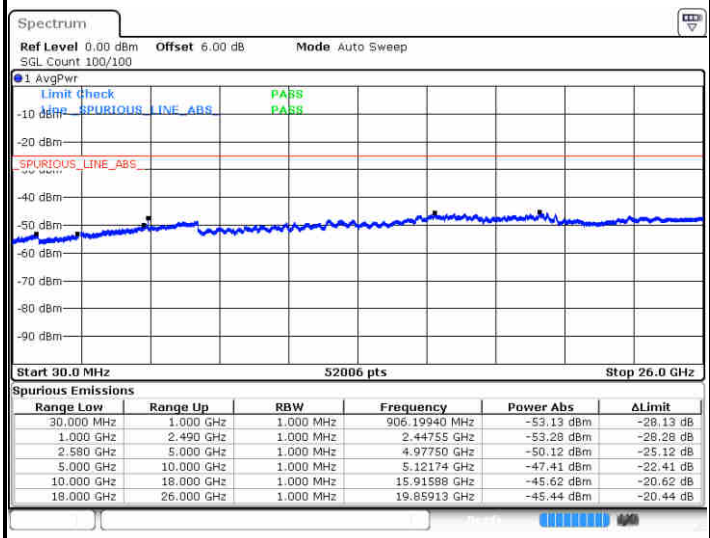


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	849.96752 MHz	-53.39 dBm	-28.39 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-53.14 dBm	-28.14 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99153 GHz	-50.15 dBm	-25.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06124 GHz	-44.90 dBm	-19.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90188 GHz	-45.68 dBm	-20.68 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86113 GHz	-45.42 dBm	-20.42 dB

Date: 19.JAN.2020 09:46:01

Highest Channel / QPSK

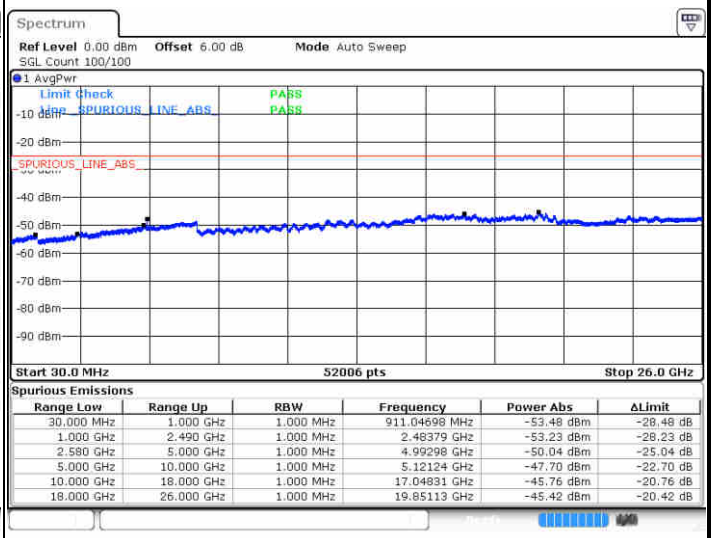


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	906.19940 MHz	-53.13 dBm	-28.13 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44755 GHz	-53.28 dBm	-28.28 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97750 GHz	-50.12 dBm	-25.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.12174 GHz	-47.41 dBm	-22.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91588 GHz	-45.62 dBm	-20.62 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85913 GHz	-45.44 dBm	-20.44 dB

Date: 19.JAN.2020 09:47:48

Highest Channel / 16QAM



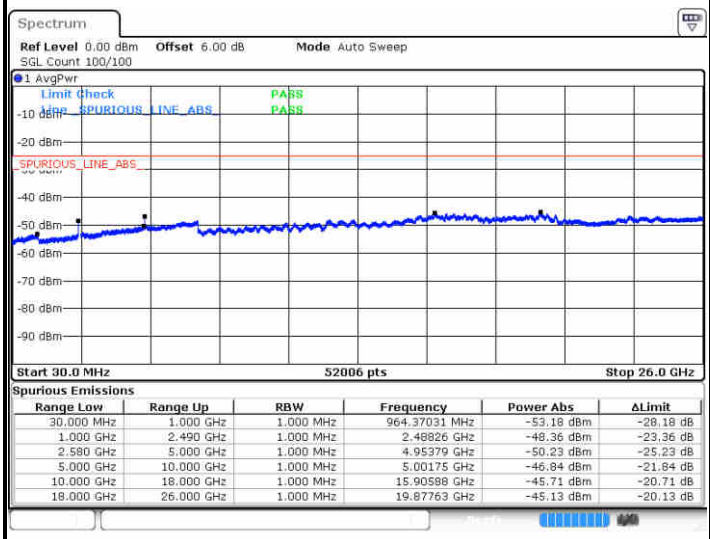
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-53.48 dBm	-28.48 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-53.23 dBm	-28.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99298 GHz	-50.04 dBm	-25.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.12124 GHz	-47.70 dBm	-22.70 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04831 GHz	-45.76 dBm	-20.76 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85113 GHz	-45.42 dBm	-20.42 dB

Date: 19.JAN.2020 09:48:42

LTE Band 7 / 15MHz

Lowest Channel / QPSK

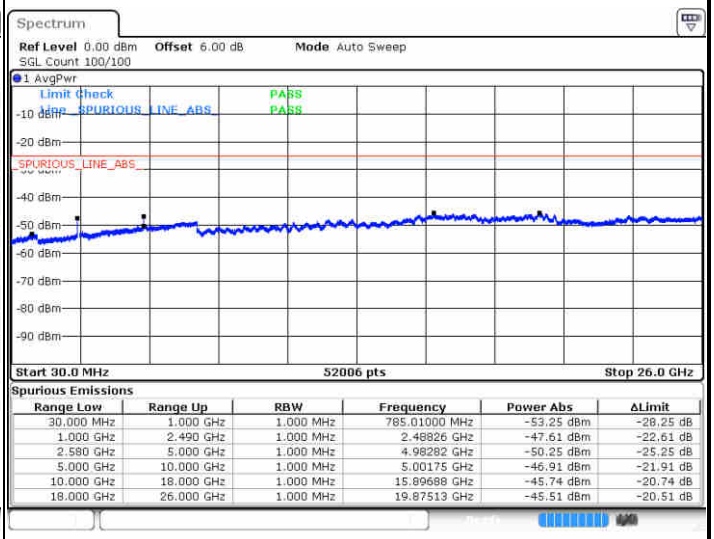


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-53.18 dBm	-28.18 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-48.36 dBm	-23.36 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.95379 GHz	-50.23 dBm	-25.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-46.84 dBm	-21.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90588 GHz	-45.71 dBm	-20.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87763 GHz	-45.13 dBm	-20.13 dB

Date: 19.JAN.2020 10:00:41

Lowest Channel / 16QAM

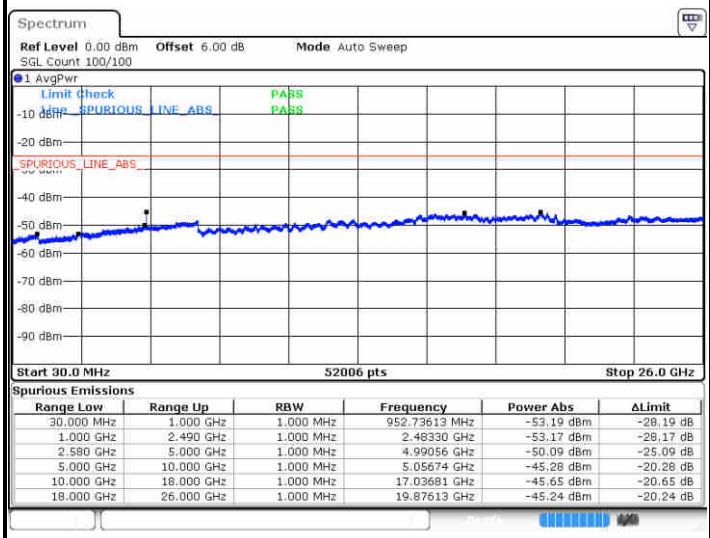


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	785.01000 MHz	-53.25 dBm	-28.25 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-47.61 dBm	-22.61 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98282 GHz	-50.25 dBm	-25.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-46.91 dBm	-21.91 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.89688 GHz	-45.74 dBm	-20.74 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87513 GHz	-45.51 dBm	-20.51 dB

Date: 19.JAN.2020 10:01:35

Middle Channel / QPSK

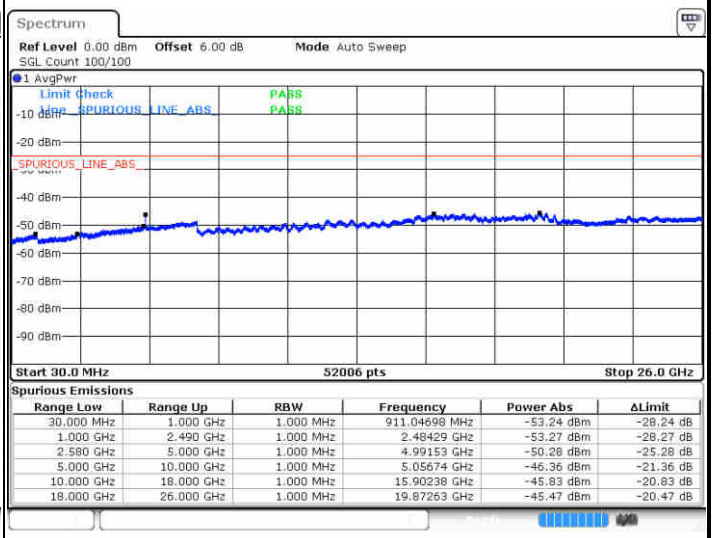


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	952.73613 MHz	-53.19 dBm	-28.19 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-53.17 dBm	-28.17 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-50.09 dBm	-25.09 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-45.28 dBm	-20.28 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.03681 GHz	-45.65 dBm	-20.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87613 GHz	-45.24 dBm	-20.24 dB

Date: 19.JAN.2020 10:03:22

Middle Channel / 16QAM



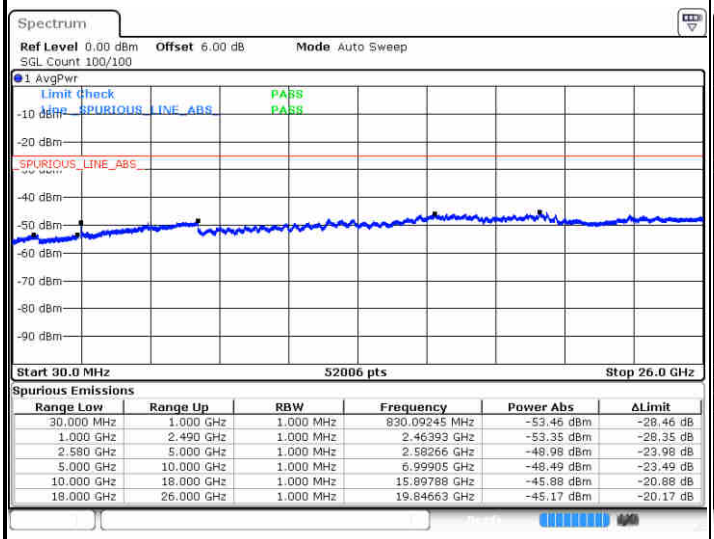
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	911.04698 MHz	-53.24 dBm	-28.24 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-53.27 dBm	-28.27 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99153 GHz	-50.28 dBm	-25.28 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-46.36 dBm	-21.36 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90238 GHz	-45.83 dBm	-20.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87263 GHz	-45.47 dBm	-20.47 dB

Date: 19.JAN.2020 10:02:29

LTE Band7 / 15MHz

Highest Channel / QPSK

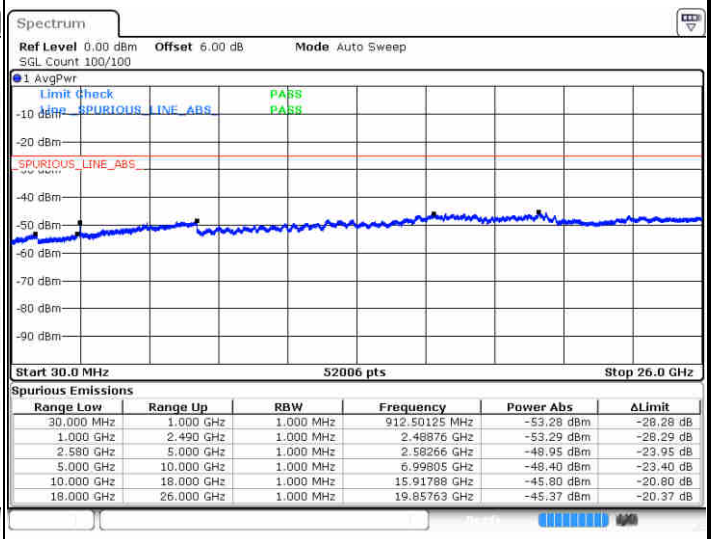


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	830.09245 MHz	-53.46 dBm	-28.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46393 GHz	-53.35 dBm	-28.35 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-48.98 dBm	-23.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99905 GHz	-48.49 dBm	-23.49 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.89788 GHz	-45.88 dBm	-20.88 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84663 GHz	-45.17 dBm	-20.17 dB

Date: 19.JAN.2020 10:04:16

Highest Channel / 16QAM



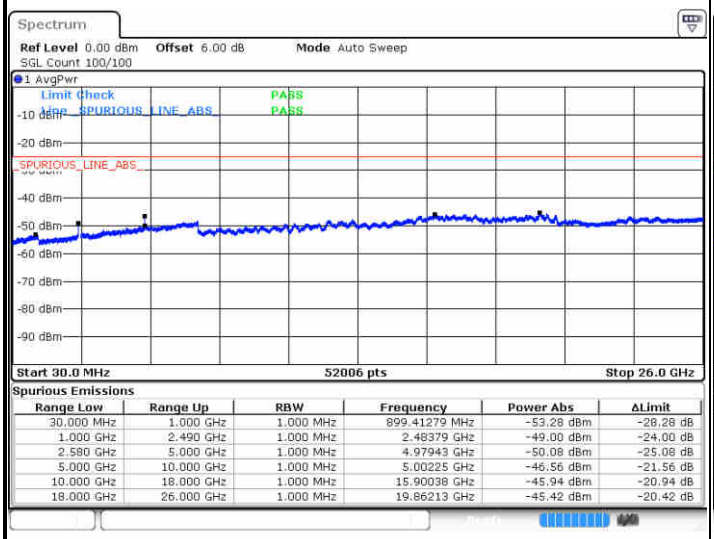
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.50125 MHz	-53.28 dBm	-28.28 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48876 GHz	-53.29 dBm	-28.29 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58266 GHz	-48.95 dBm	-23.95 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99805 GHz	-48.40 dBm	-23.40 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91788 GHz	-45.80 dBm	-20.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85763 GHz	-45.37 dBm	-20.37 dB

Date: 19.JAN.2020 10:05:10

LTE Band 7 / 20MHz

Lowest Channel / QPSK

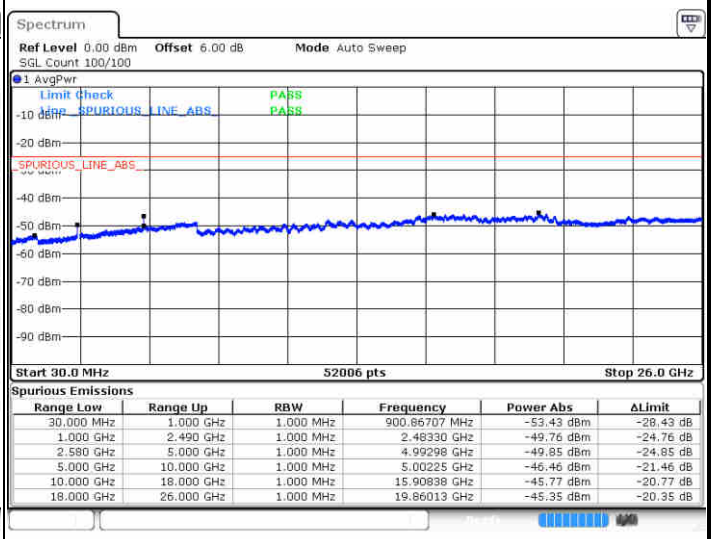


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	899.41279 MHz	-53.28 dBm	-28.28 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-49.00 dBm	-24.00 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97943 GHz	-50.08 dBm	-25.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-46.56 dBm	-21.56 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90038 GHz	-45.94 dBm	-20.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86213 GHz	-45.42 dBm	-20.42 dB

Date: 19.JAN.2020 10:17:09

Lowest Channel / 16QAM



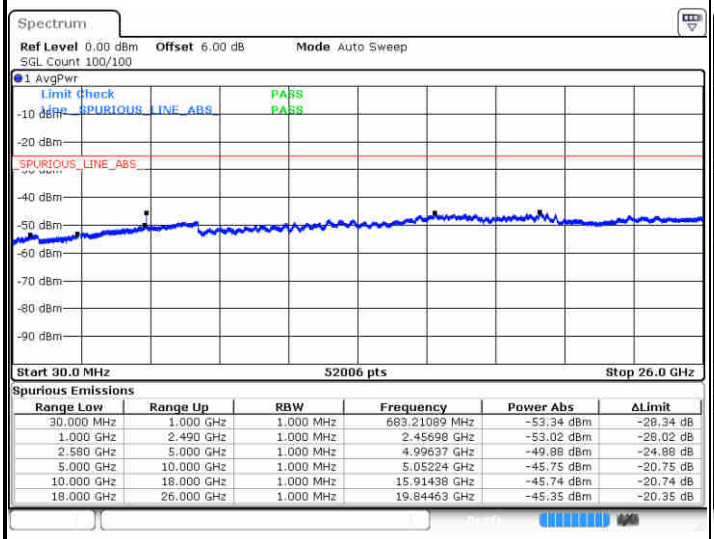
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	900.86707 MHz	-53.43 dBm	-28.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-49.76 dBm	-24.76 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99298 GHz	-49.85 dBm	-24.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-46.46 dBm	-21.46 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90838 GHz	-45.77 dBm	-20.77 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86013 GHz	-45.35 dBm	-20.35 dB

Date: 19.JAN.2020 10:18:03

LTE Band 7 / 20MHz

Middle Channel / QPSK

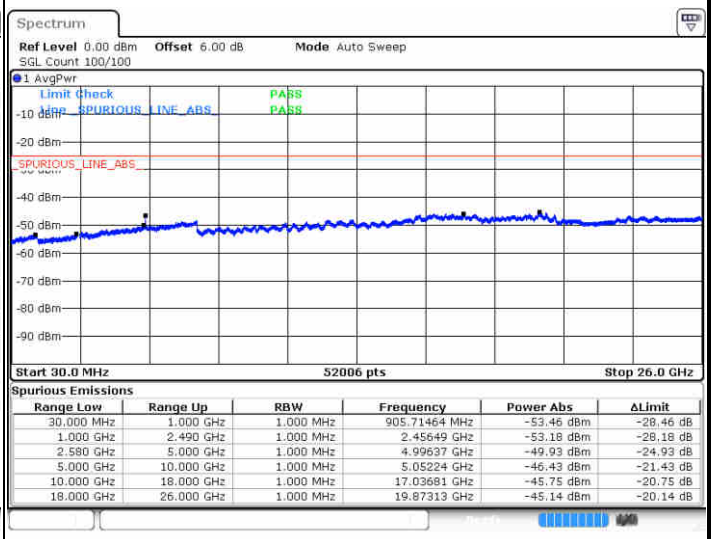


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	683.21089 MHz	-53.34 dBm	-28.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45698 GHz	-53.02 dBm	-28.02 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99637 GHz	-49.88 dBm	-24.88 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-45.75 dBm	-20.75 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91438 GHz	-45.74 dBm	-20.74 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84463 GHz	-45.35 dBm	-20.35 dB

Date: 19.JAN.2020 10:19:50

Middle Channel / 16QAM

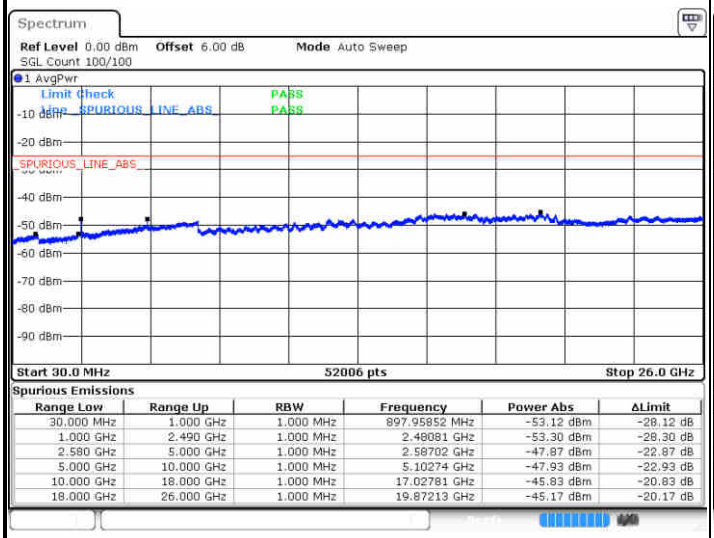


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.71464 MHz	-53.46 dBm	-28.46 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45649 GHz	-53.18 dBm	-28.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99637 GHz	-49.93 dBm	-24.93 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-46.43 dBm	-21.43 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.03681 GHz	-45.75 dBm	-20.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87313 GHz	-45.14 dBm	-20.14 dB

Date: 19.JAN.2020 10:18:57

Highest Channel / QPSK

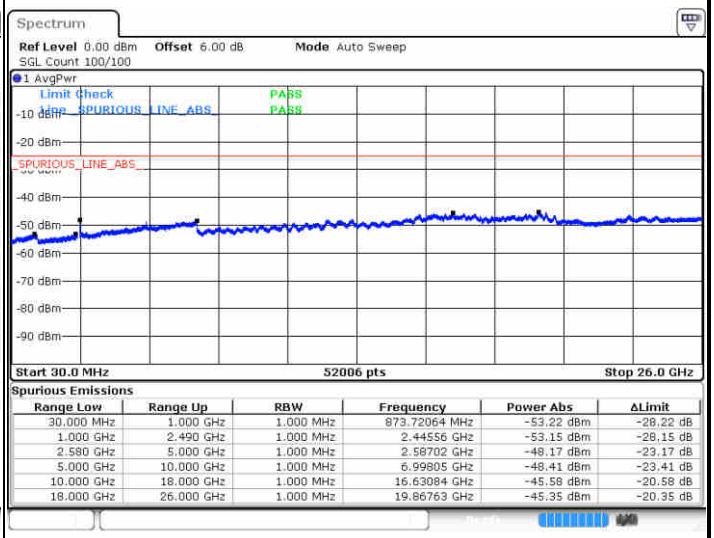


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	897.95852 MHz	-53.12 dBm	-28.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48081 GHz	-53.30 dBm	-28.30 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-47.87 dBm	-22.87 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.10274 GHz	-47.93 dBm	-22.93 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.02781 GHz	-45.83 dBm	-20.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87213 GHz	-45.17 dBm	-20.17 dB

Date: 19.JAN.2020 10:20:44

Highest Channel / 16QAM



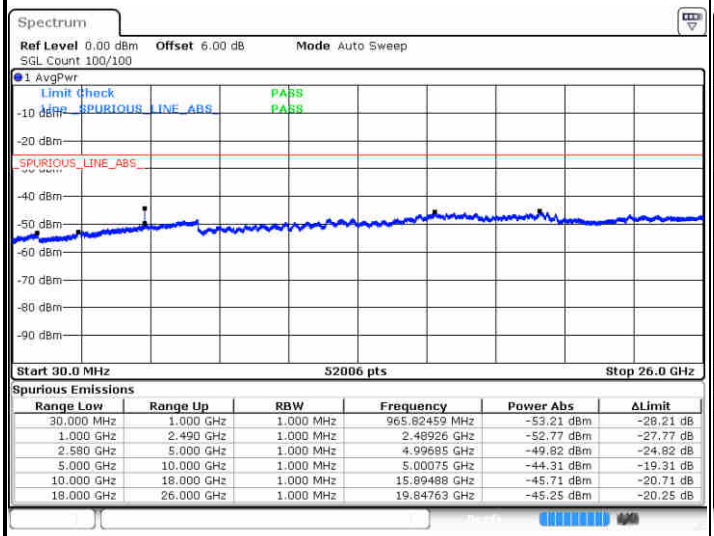
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	873.72064 MHz	-53.22 dBm	-28.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.44556 GHz	-53.15 dBm	-28.15 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-48.17 dBm	-23.17 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99805 GHz	-48.41 dBm	-23.41 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.63084 GHz	-45.58 dBm	-20.58 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86763 GHz	-45.35 dBm	-20.35 dB

Date: 19.JAN.2020 10:21:38

LTE Band 7 / 5MHz

Lowest Channel / 64QAM

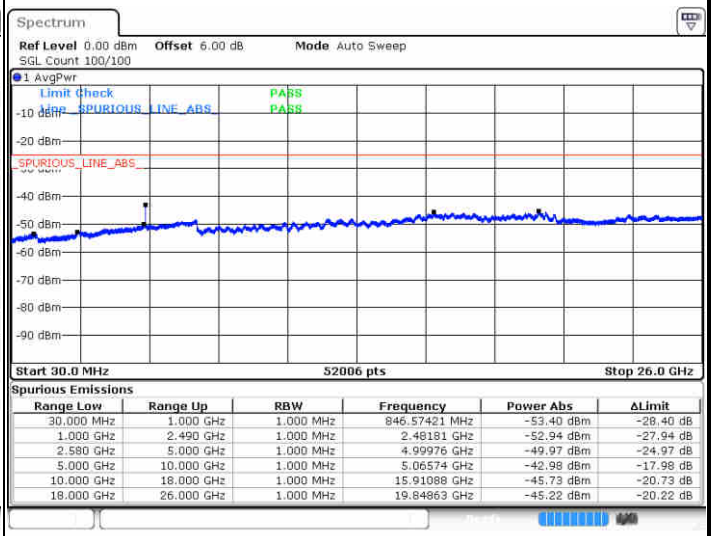


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-53.21 dBm	-28.21 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48926 GHz	-52.77 dBm	-27.77 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99685 GHz	-49.82 dBm	-24.82 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00075 GHz	-44.31 dBm	-19.31 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.89488 GHz	-45.71 dBm	-20.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84763 GHz	-45.25 dBm	-20.25 dB

Date: 19.JAN.2020 10:23:32

Middle Channel / 64QAM

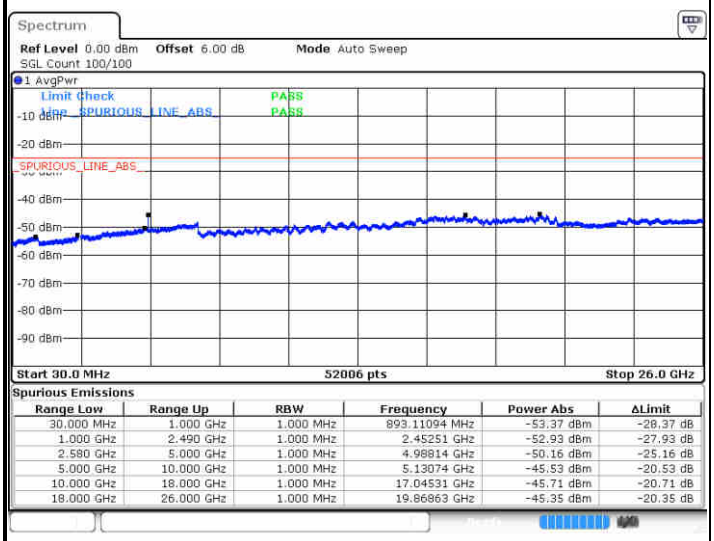


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	846.57421 MHz	-53.40 dBm	-28.40 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48181 GHz	-52.94 dBm	-27.94 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99976 GHz	-49.97 dBm	-24.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06574 GHz	-42.98 dBm	-17.98 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91088 GHz	-45.73 dBm	-20.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84863 GHz	-45.22 dBm	-20.22 dB

Date: 19.JAN.2020 10:24:26

Highest Channel / 64QAM



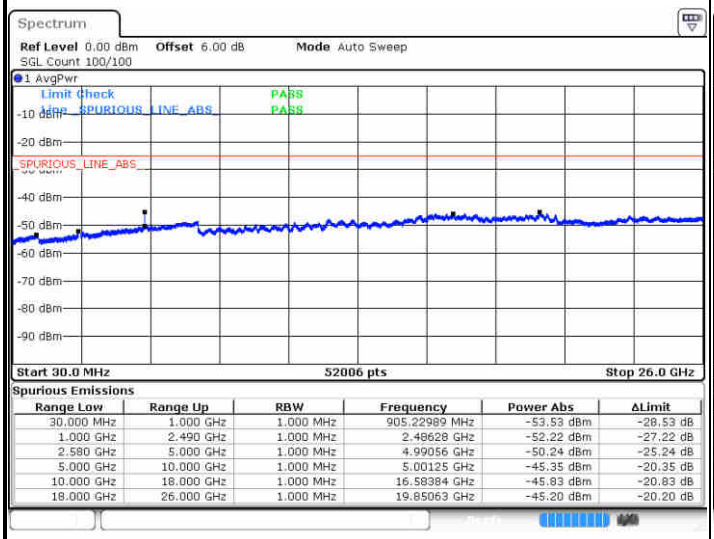
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	893.11094 MHz	-53.37 dBm	-28.37 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.45251 GHz	-52.93 dBm	-27.93 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98814 GHz	-50.16 dBm	-25.16 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.13074 GHz	-45.53 dBm	-20.53 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.04531 GHz	-45.71 dBm	-20.71 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86863 GHz	-45.35 dBm	-20.35 dB

Date: 19.JAN.2020 10:25:19

LTE Band 7 / 10MHz

Lowest Channel / 64QAM

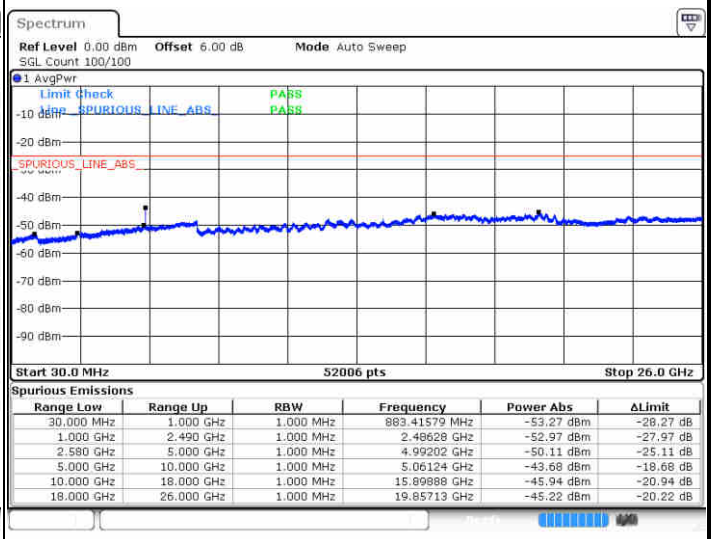


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-53.53 dBm	-28.53 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-52.22 dBm	-27.22 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-50.24 dBm	-25.24 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00125 GHz	-45.35 dBm	-20.35 dB
10.000 GHz	18.000 GHz	1.000 MHz	16.58384 GHz	-45.83 dBm	-20.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85063 GHz	-45.20 dBm	-20.20 dB

Date: 19.JAN.2020 10:31:46

Middle Channel / 64QAM

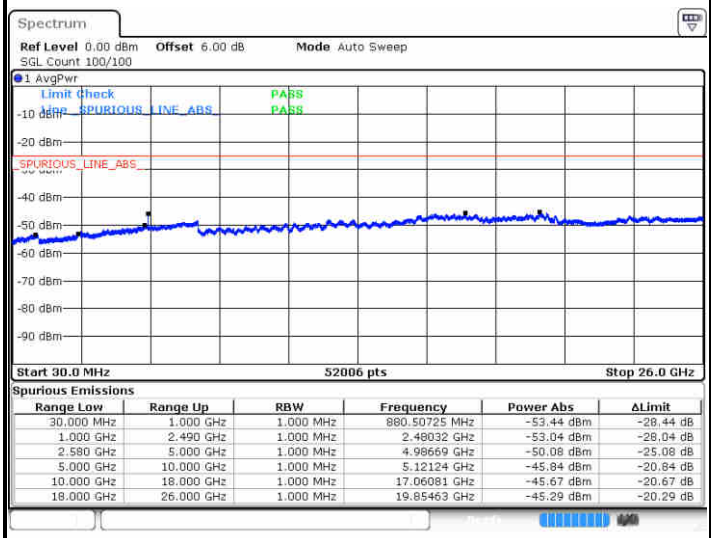


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	883.41579 MHz	-53.27 dBm	-28.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48628 GHz	-52.97 dBm	-27.97 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99202 GHz	-50.11 dBm	-25.11 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.06124 GHz	-43.68 dBm	-18.68 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.89888 GHz	-45.94 dBm	-20.94 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85713 GHz	-45.22 dBm	-20.22 dB

Date: 19.JAN.2020 10:32:40

Highest Channel / 64QAM



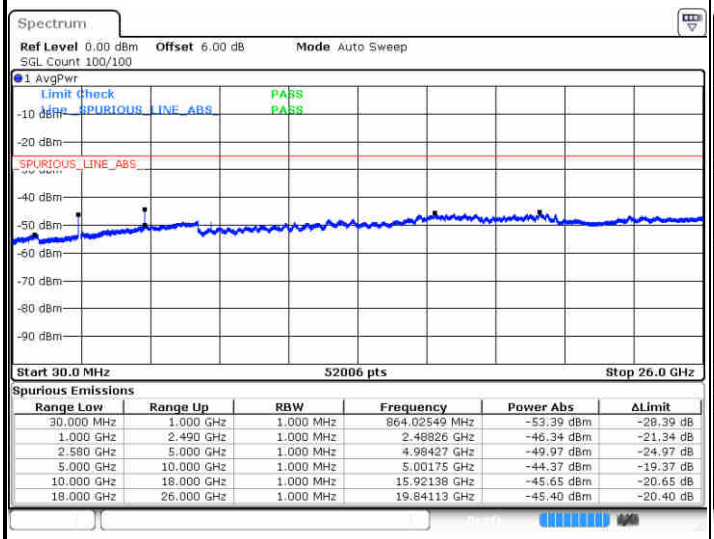
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	880.50725 MHz	-53.44 dBm	-28.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48032 GHz	-53.04 dBm	-28.04 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98669 GHz	-50.08 dBm	-25.08 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.12124 GHz	-45.84 dBm	-20.84 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.06081 GHz	-45.67 dBm	-20.67 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85463 GHz	-45.29 dBm	-20.29 dB

Date: 19.JAN.2020 10:33:33

LTE Band 7 / 15MHz

Lowest Channel / 64QAM

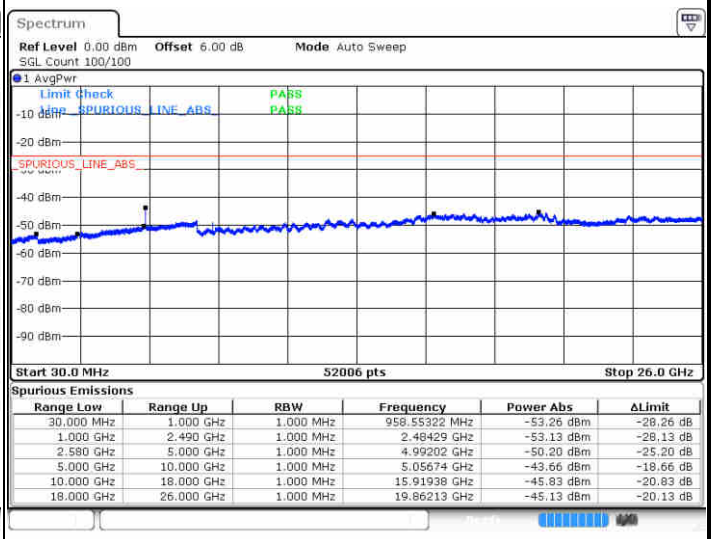


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	864.02549 MHz	-53.39 dBm	-28.39 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48826 GHz	-46.34 dBm	-21.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-49.97 dBm	-24.97 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00175 GHz	-44.37 dBm	-19.37 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.92138 GHz	-45.65 dBm	-20.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84113 GHz	-45.40 dBm	-20.40 dB

Date: 19.JAN.2020 10:44:32

Middle Channel / 64QAM

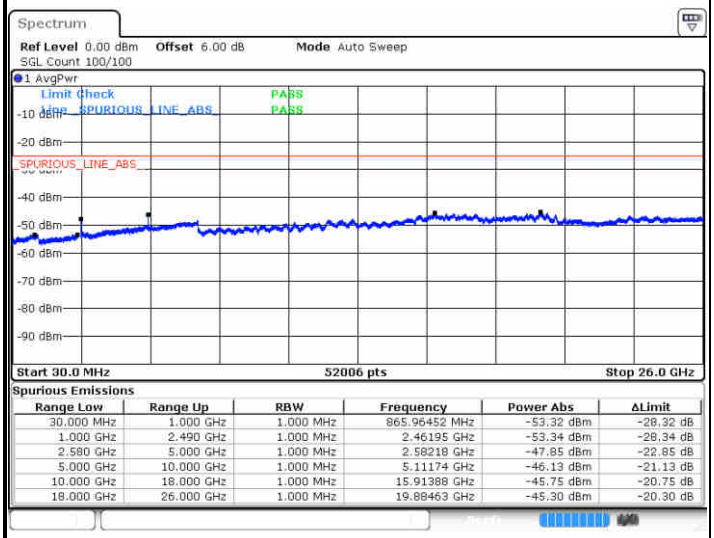


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.55322 MHz	-53.26 dBm	-28.26 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48429 GHz	-53.13 dBm	-28.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99202 GHz	-50.20 dBm	-25.20 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05674 GHz	-43.66 dBm	-18.66 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91938 GHz	-45.83 dBm	-20.83 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86213 GHz	-45.13 dBm	-20.13 dB

Date: 19.JAN.2020 10:45:26

Highest Channel / 64QAM



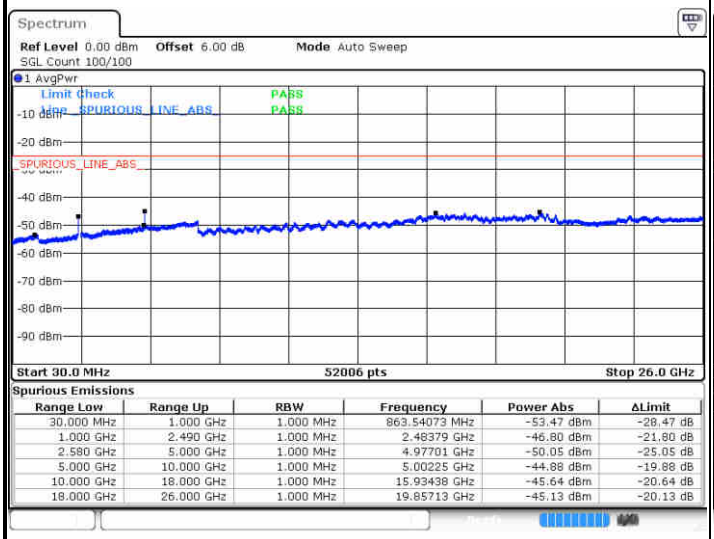
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	865.96452 MHz	-53.32 dBm	-28.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46195 GHz	-53.34 dBm	-28.34 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58218 GHz	-47.85 dBm	-22.85 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.11174 GHz	-46.13 dBm	-21.13 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91388 GHz	-45.75 dBm	-20.75 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.88463 GHz	-45.30 dBm	-20.30 dB

Date: 19.JAN.2020 10:46:20

LTE Band 7 / 20MHz

Lowest Channel / 64QAM

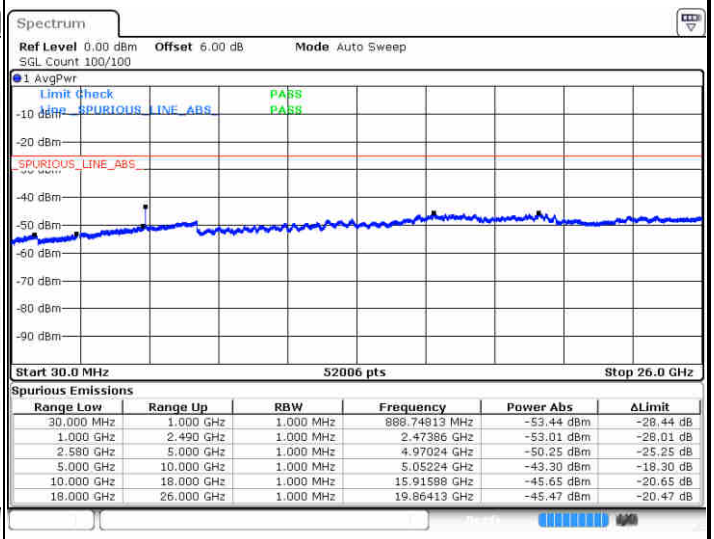


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	863.54073 MHz	-53.47 dBm	-28.47 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48379 GHz	-46.80 dBm	-21.80 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97701 GHz	-50.05 dBm	-25.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.00225 GHz	-44.88 dBm	-19.88 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.93438 GHz	-45.64 dBm	-20.64 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.85713 GHz	-45.13 dBm	-20.13 dB

Date: 19.JAN.2020 10:52:46

Middle Channel / 64QAM

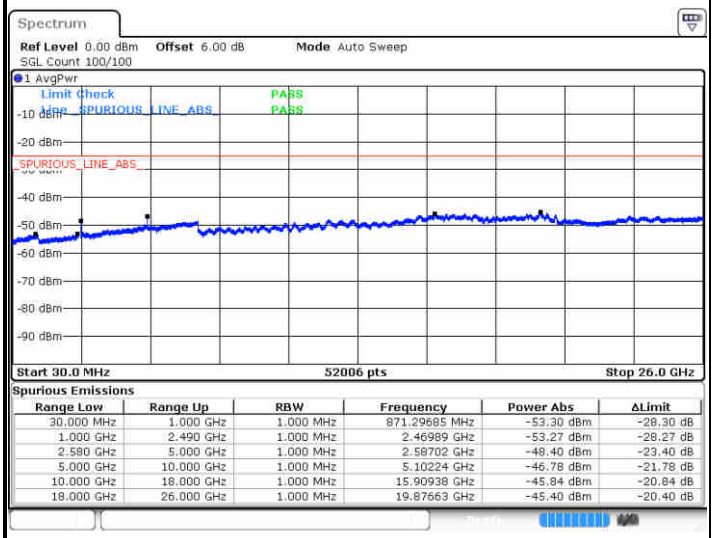


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	888.74813 MHz	-53.44 dBm	-28.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47386 GHz	-53.01 dBm	-28.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.97024 GHz	-50.25 dBm	-25.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.05224 GHz	-43.30 dBm	-18.30 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.91588 GHz	-45.65 dBm	-20.65 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.86413 GHz	-45.47 dBm	-20.47 dB

Date: 19.JAN.2020 10:53:40

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.29685 MHz	-53.30 dBm	-28.30 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46989 GHz	-53.27 dBm	-28.27 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58702 GHz	-48.40 dBm	-23.40 dB
5.000 GHz	10.000 GHz	1.000 MHz	5.10224 GHz	-46.78 dBm	-21.78 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.90938 GHz	-45.84 dBm	-20.84 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.87663 GHz	-45.40 dBm	-20.40 dB

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Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0043	PASS
40	Normal Voltage	0.0058	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.65 V.；Maximum Voltage =4.40 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

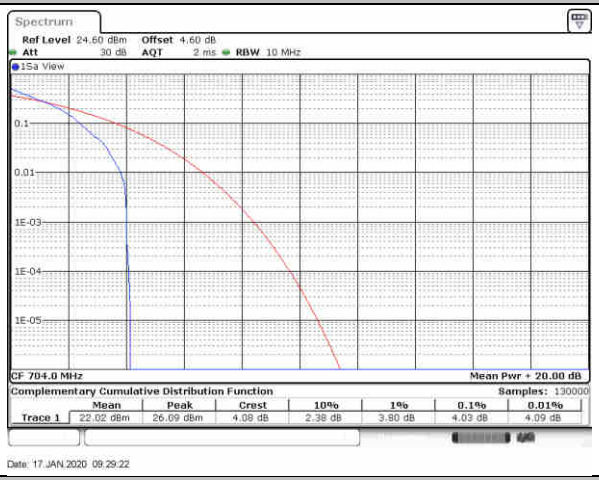
LTE Band 12

Peak-to-Average Ratio

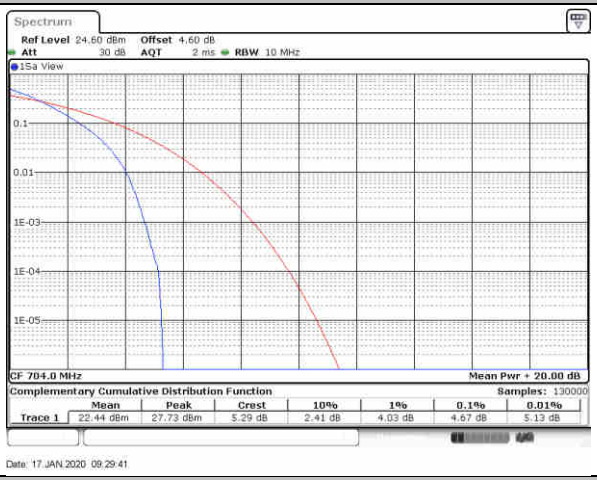
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.03	4.67	4.75	5.65	PASS
Middle CH	4.09	4.67	4.78	5.65	
Highest CH	4.06	4.70	4.90	5.59	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	5.10	5.65	PASS		
Middle CH	5.01	5.71			
Highest CH	5.16	5.71			

LTE Band 12 / 10MHz / QPSK

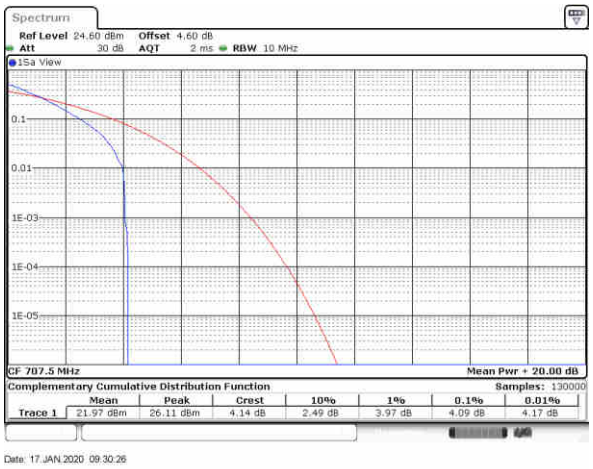
Lowest Channel / 1RB



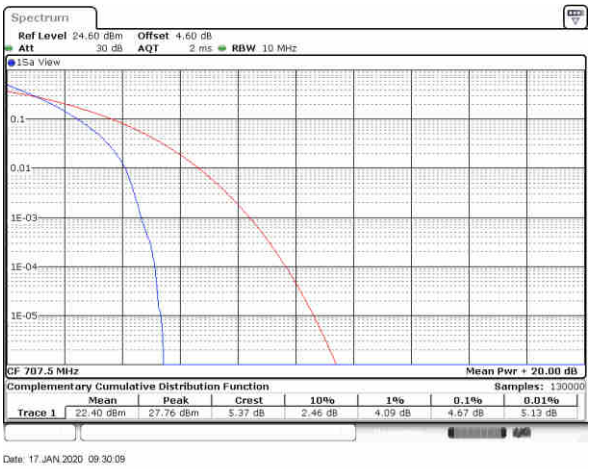
Lowest Channel / Full RB



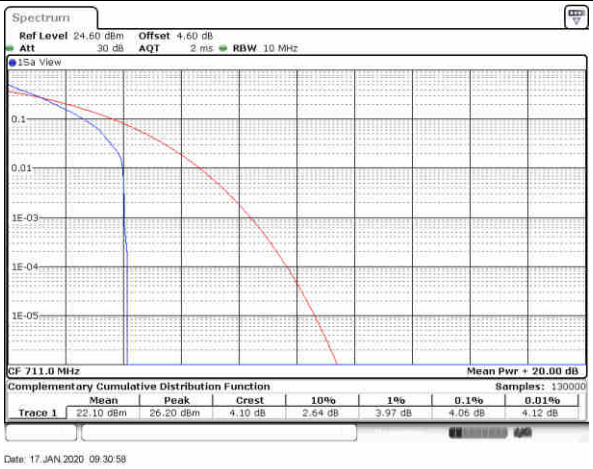
Middle Channel / 1RB



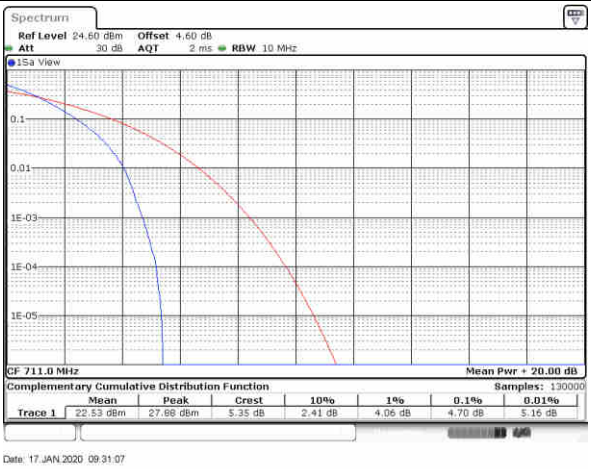
Middle Channel / Full RB



Highest Channel / 1RB

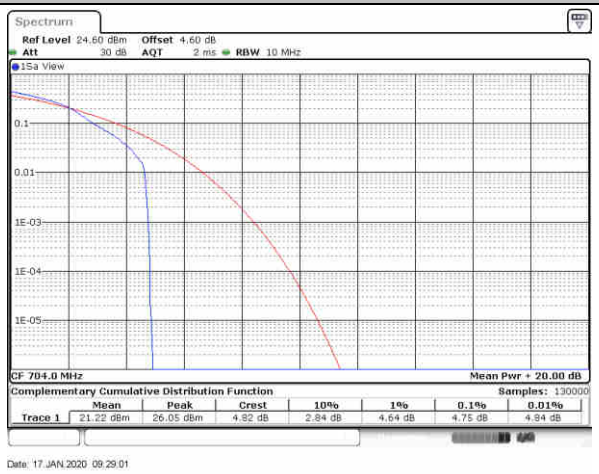


Highest Channel / Full RB

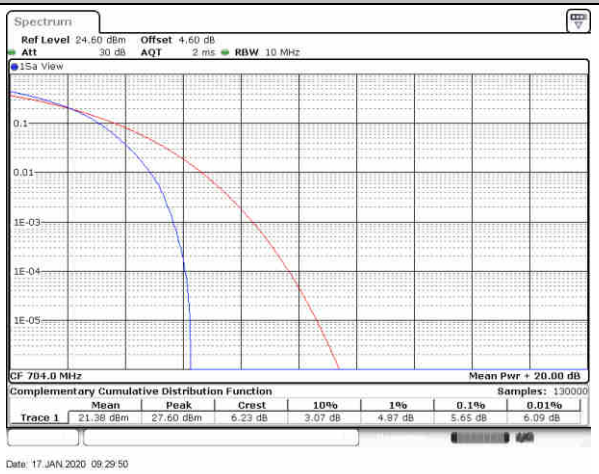


LTE Band 12 / 10MHz / 16QAM

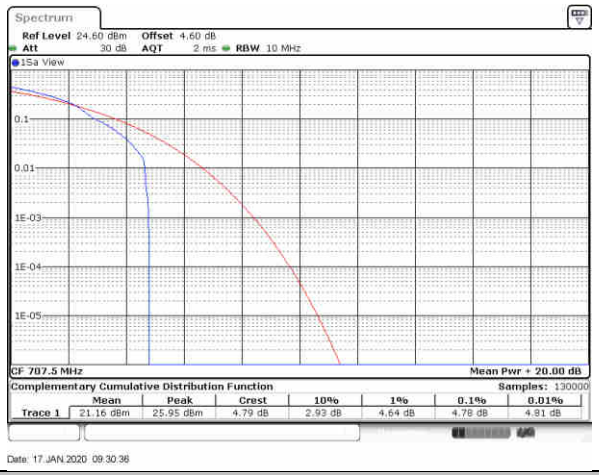
Lowest Channel / 1RB



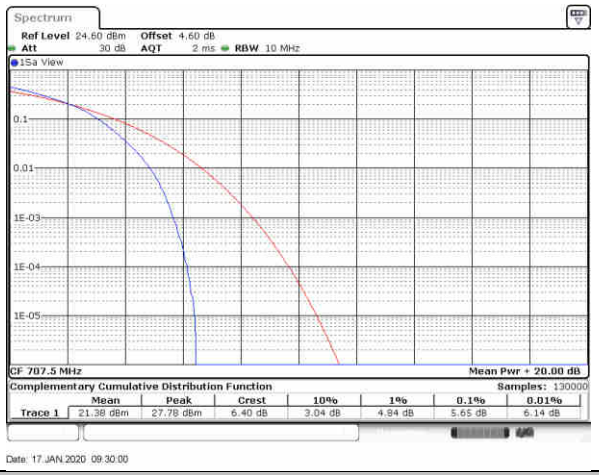
Lowest Channel / Full RB



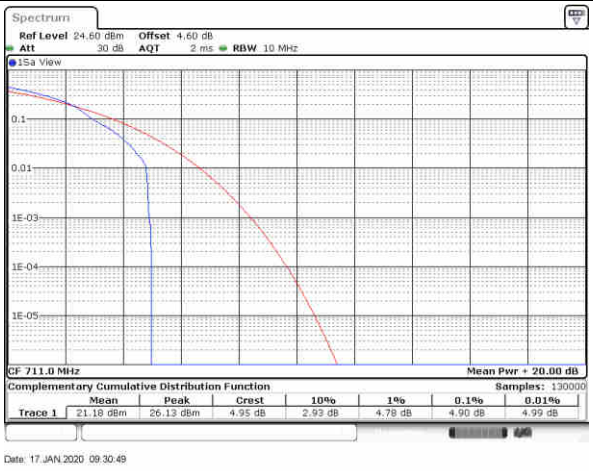
Middle Channel / 1RB



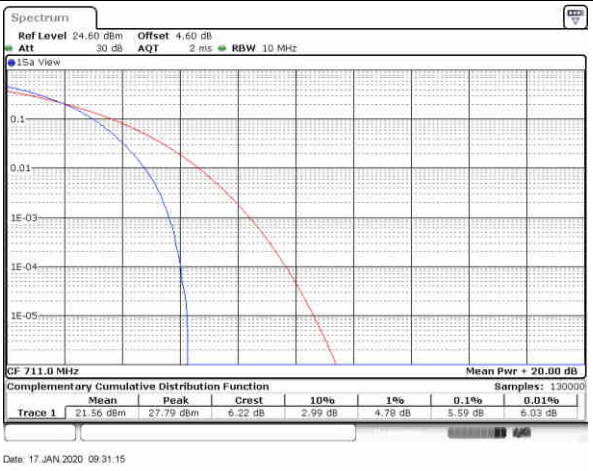
Middle Channel / Full RB



Highest Channel / 1RB

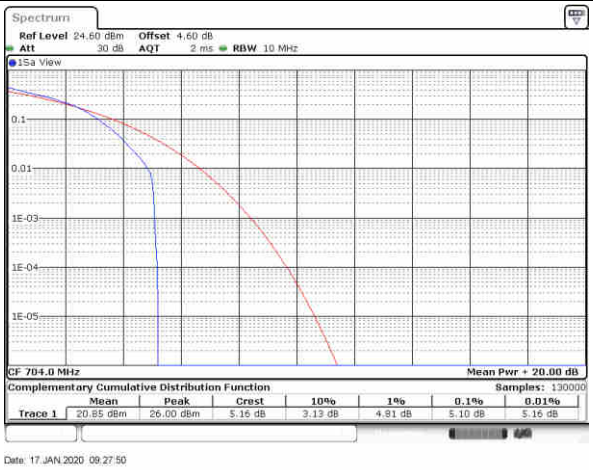


Highest Channel / Full RB

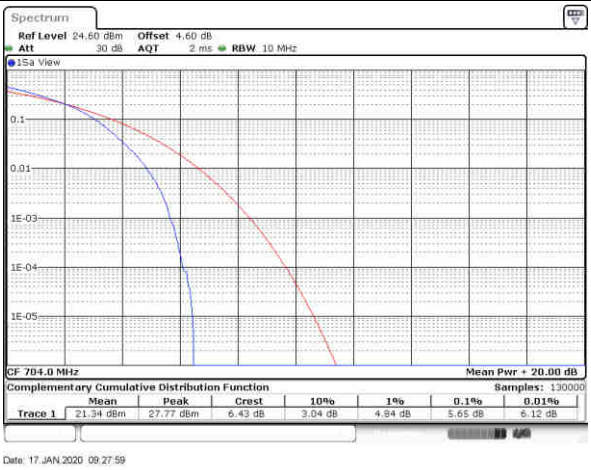


LTE Band 12 / 10MHz / 64QAM

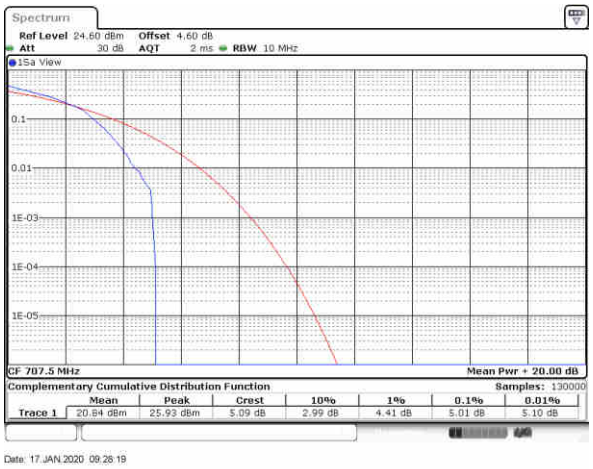
Lowest Channel / 1RB



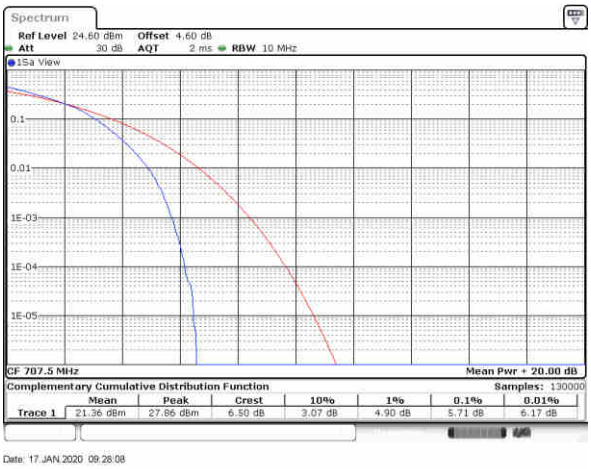
Lowest Channel / Full RB



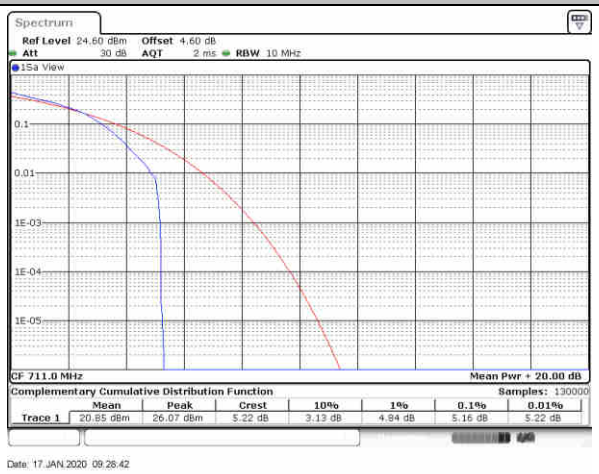
Middle Channel / 1RB



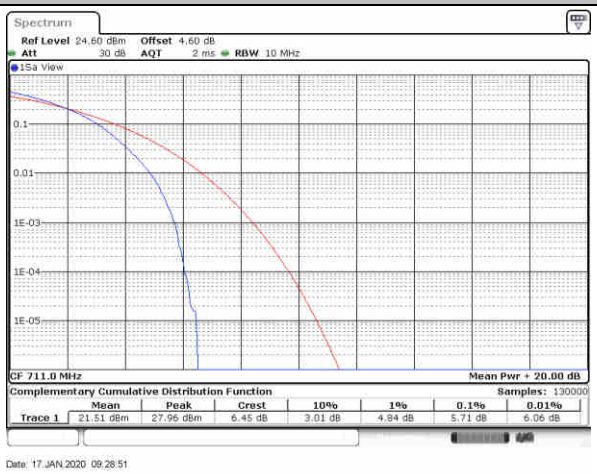
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

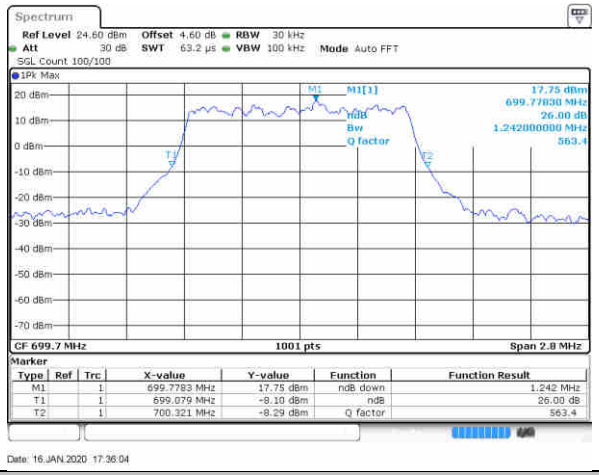


26dB Bandwidth

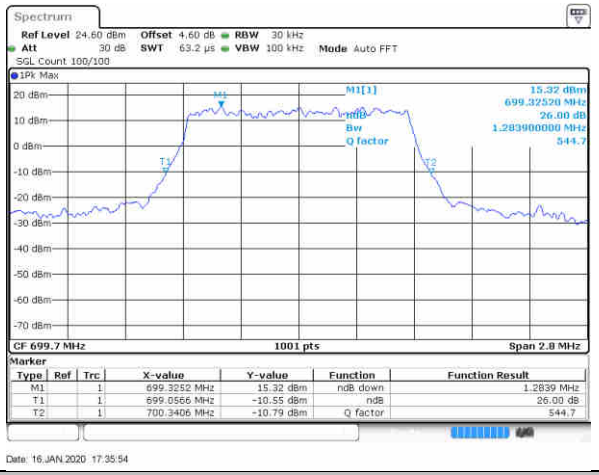
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.24	1.28	2.96	3.02	4.95	4.84	9.75	9.89	1.27	3.01	4.92	9.77
Middle CH	1.27	1.27	2.98	2.99	4.99	4.91	9.99	9.91	1.28	3.03	4.92	9.91
Highest CH	1.30	1.26	3.03	2.99	5.02	4.97	9.71	9.97	1.29	2.98	4.85	9.63

LTE Band 12

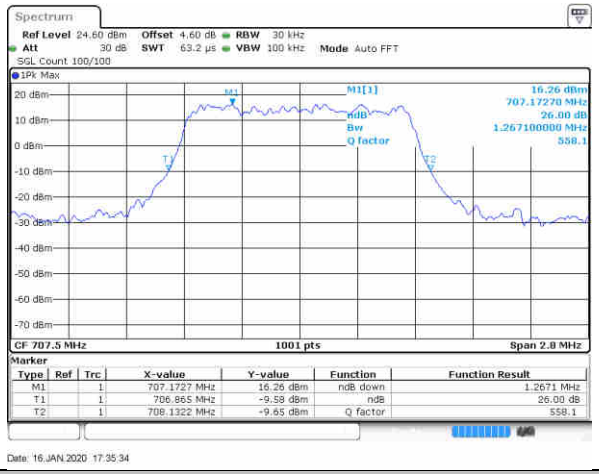
Lowest Channel / 1.4MHz / QPSK



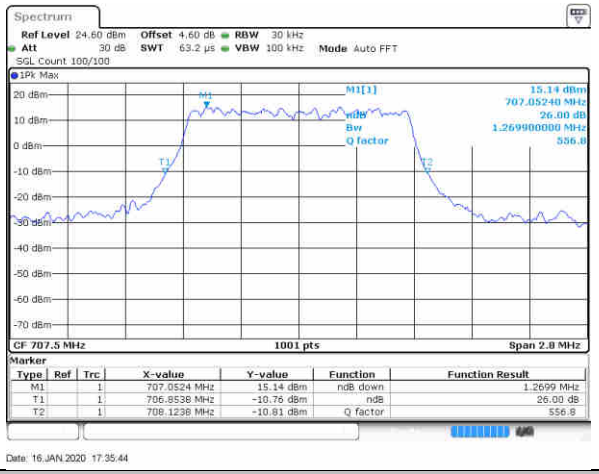
Lowest Channel / 1.4MHz / 16QAM



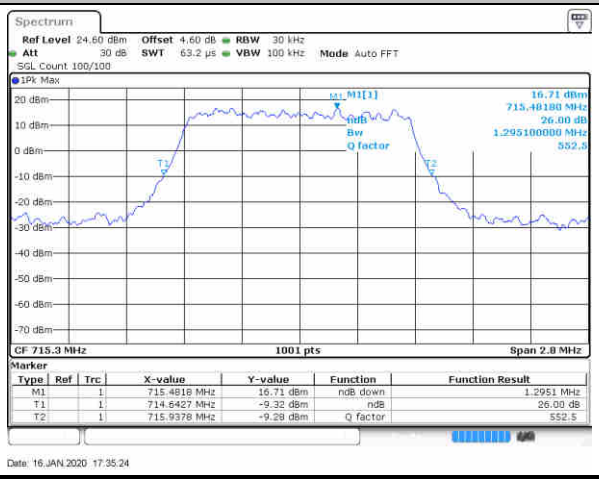
Middle Channel / 1.4MHz / QPSK



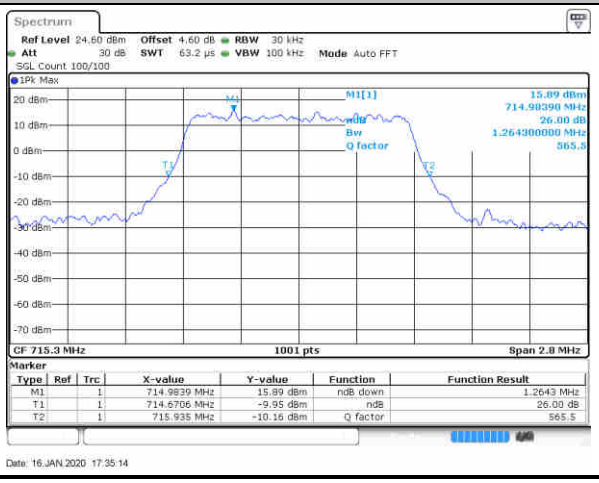
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

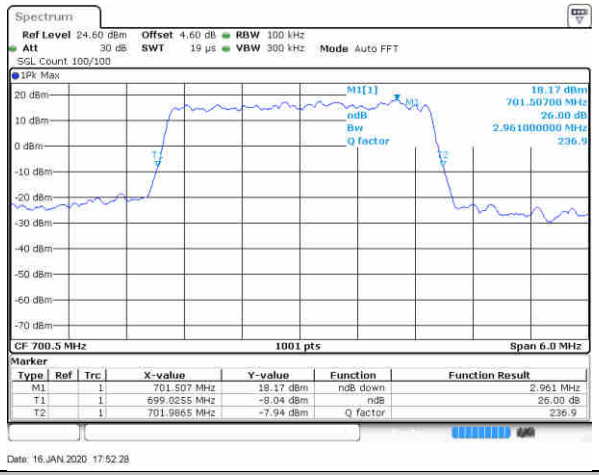


Highest Channel / 1.4MHz / 16QAM

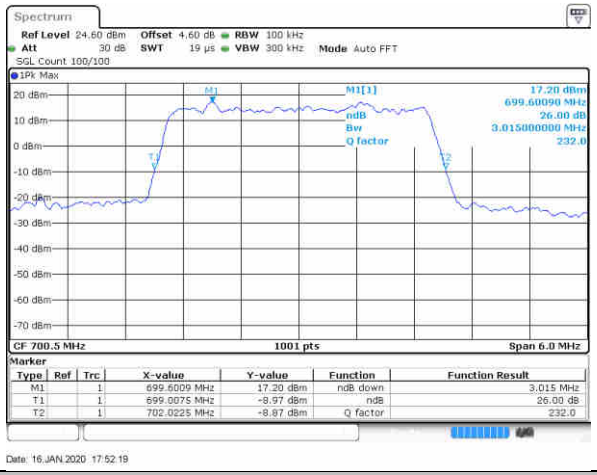


LTE Band 12

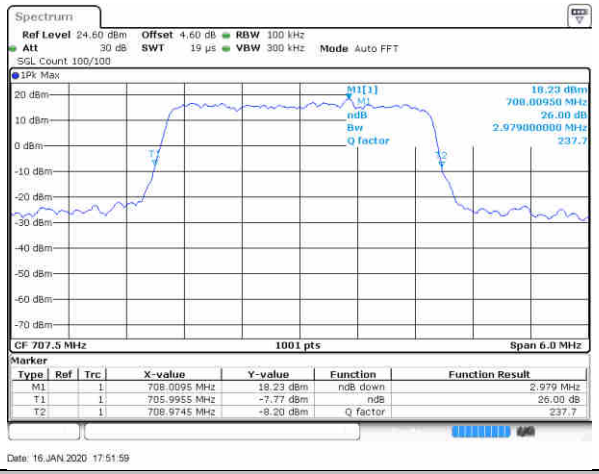
Lowest Channel / 3MHz / QPSK



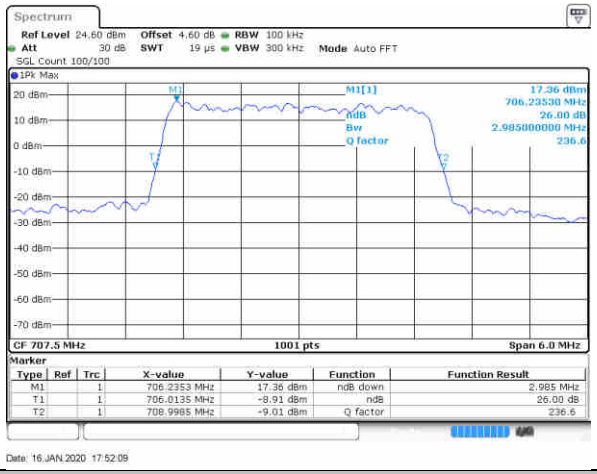
Lowest Channel / 3MHz / 16QAM



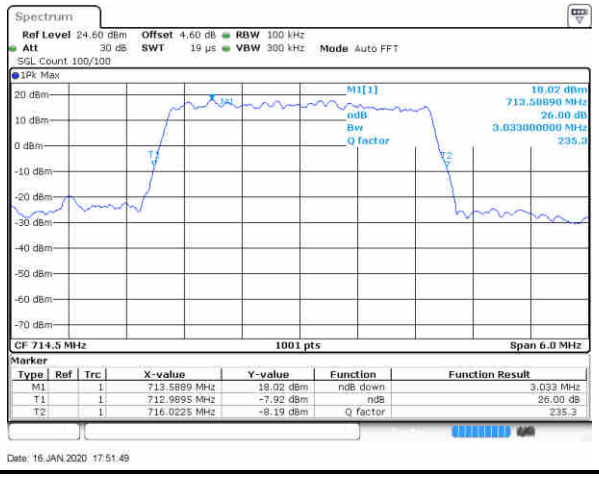
Middle Channel / 3MHz / QPSK



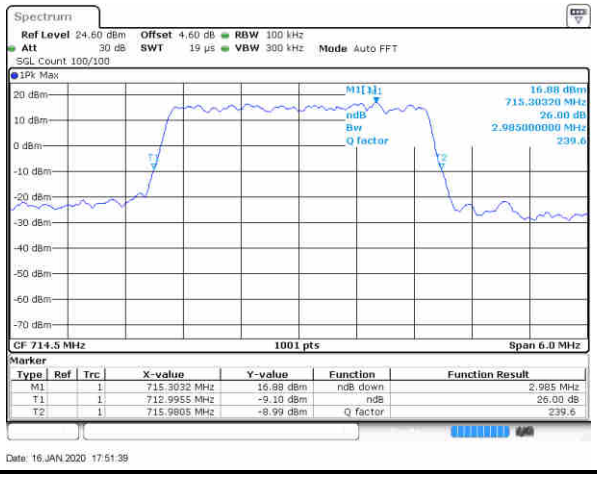
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

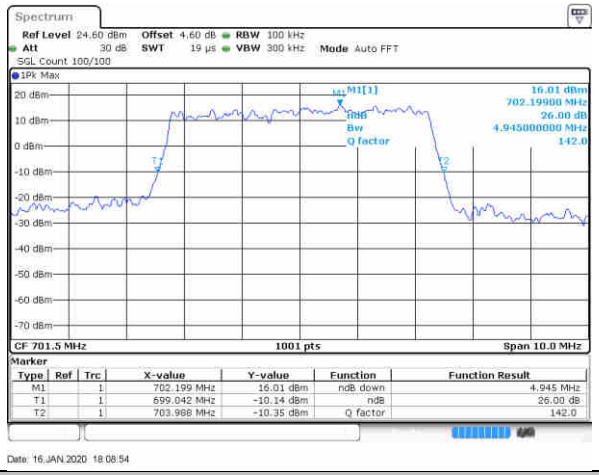


Highest Channel / 3MHz / 16QAM

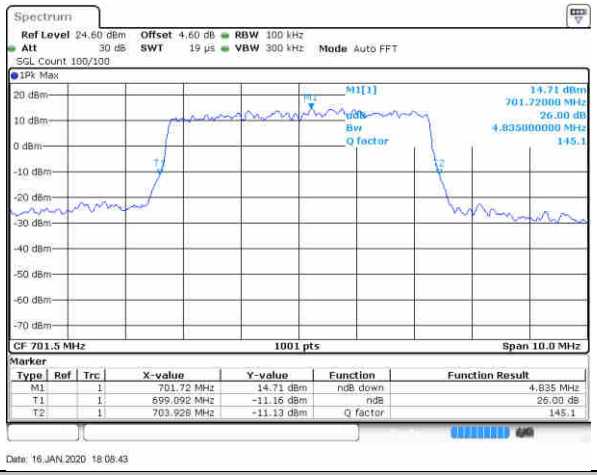


LTE Band 12

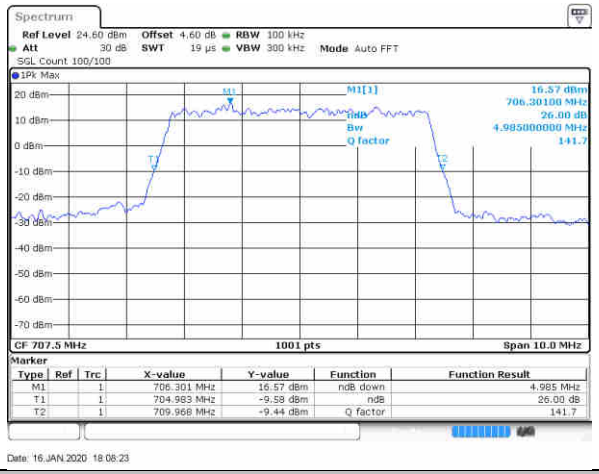
Lowest Channel / 5MHz / QPSK



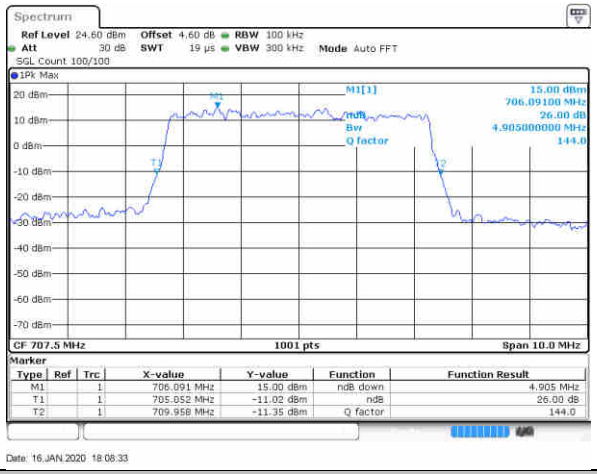
Lowest Channel / 5MHz / 16QAM



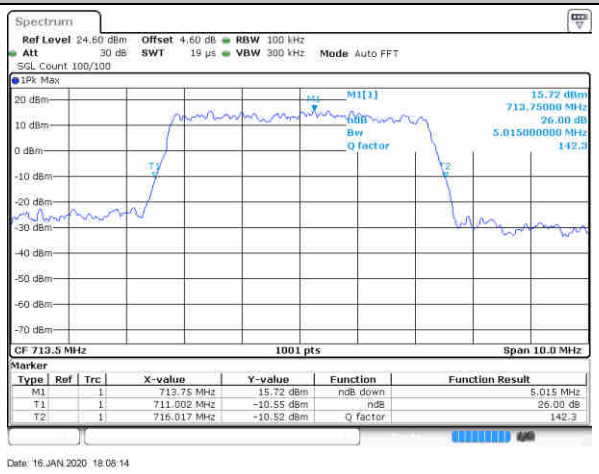
Middle Channel / 5MHz / QPSK



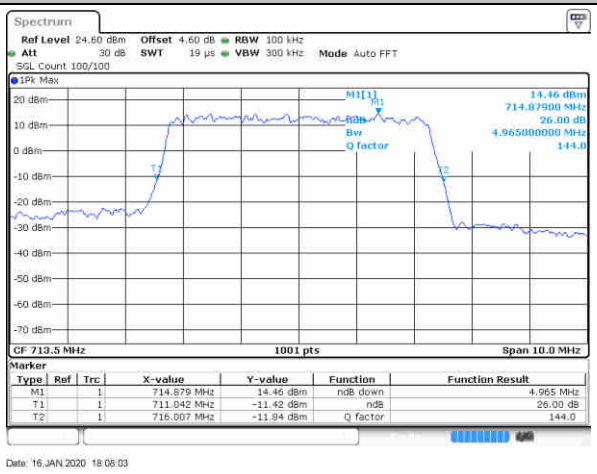
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

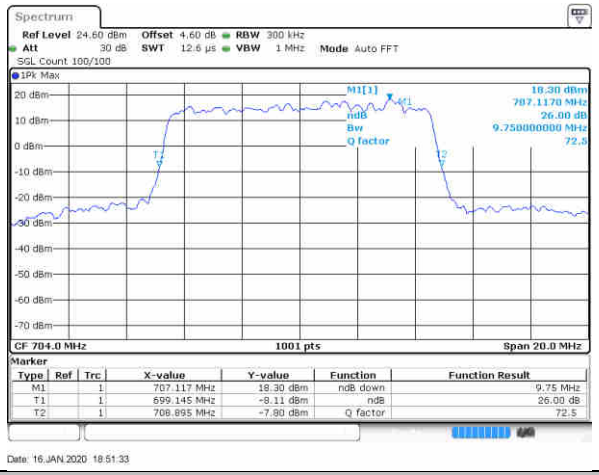


Highest Channel / 5MHz / 16QAM

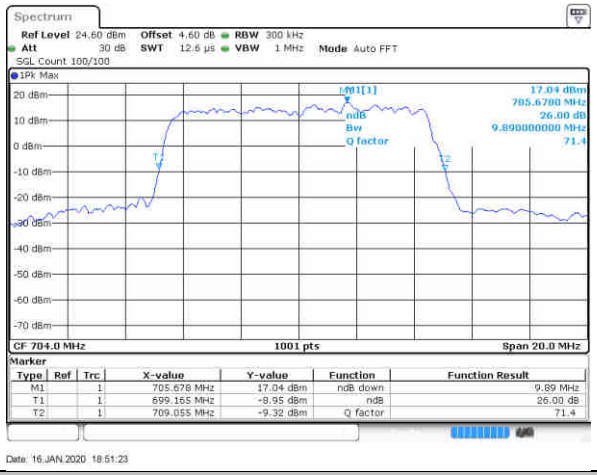


LTE Band 12

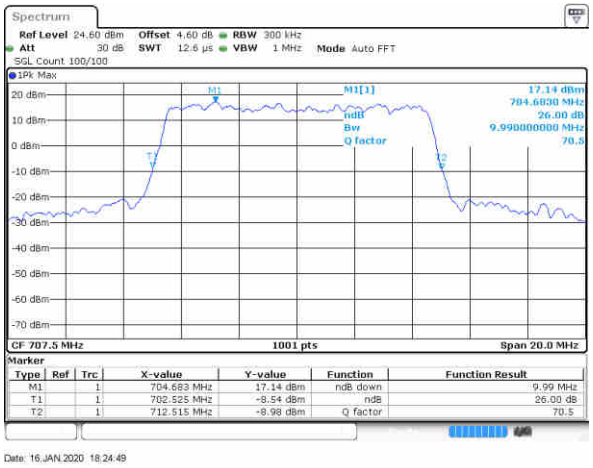
Lowest Channel / 10MHz / QPSK



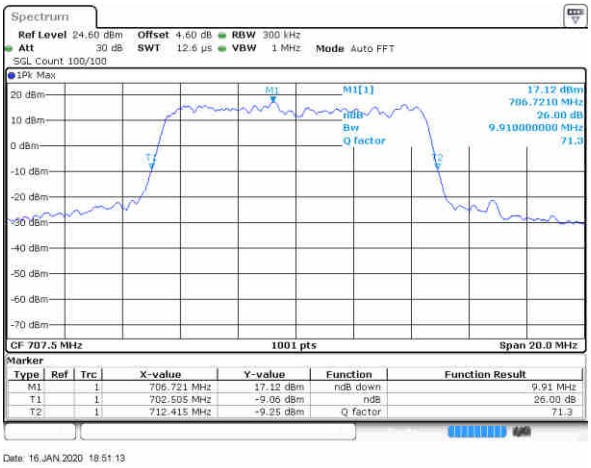
Lowest Channel / 10MHz / 16QAM



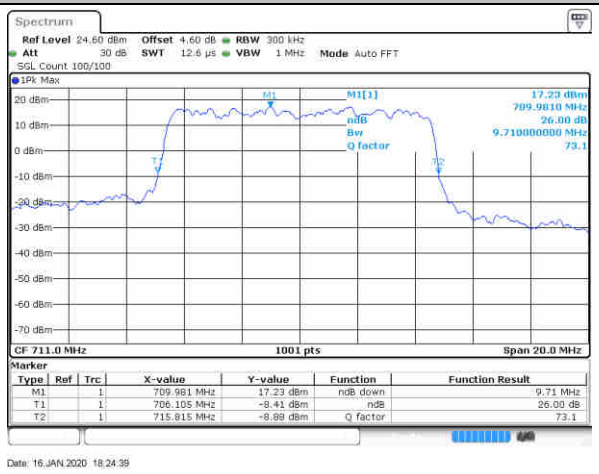
Middle Channel / 10MHz / QPSK



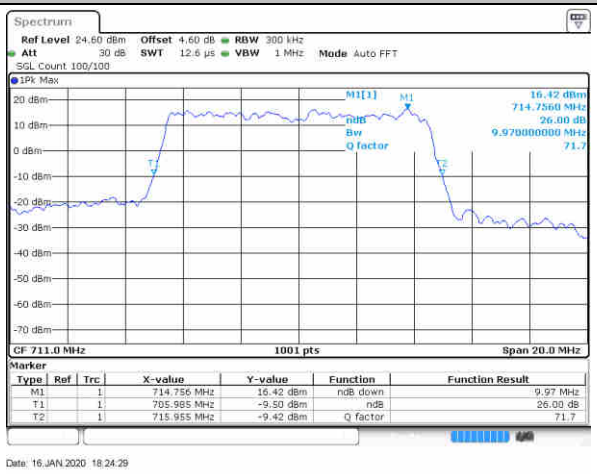
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

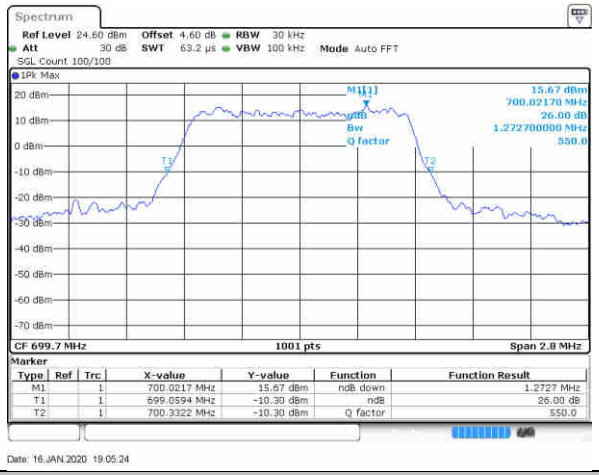


Highest Channel / 10MHz / 16QAM

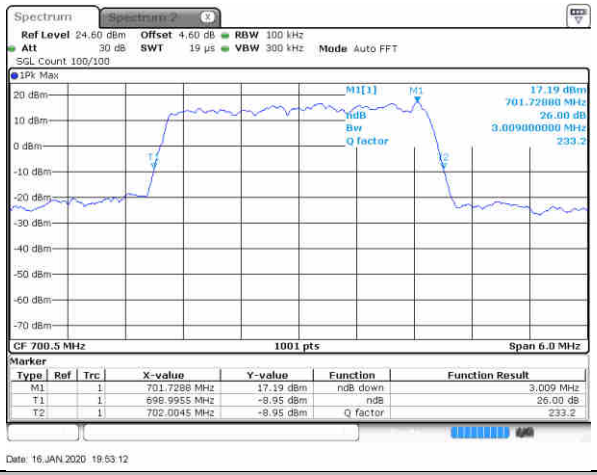


LTE Band 12

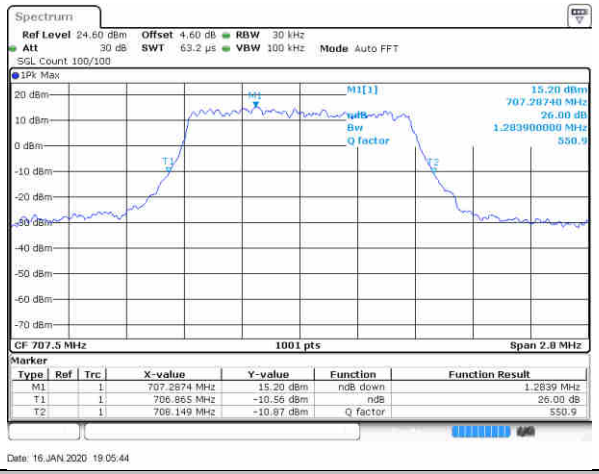
Lowest Channel / 1.4MHz / 64QAM



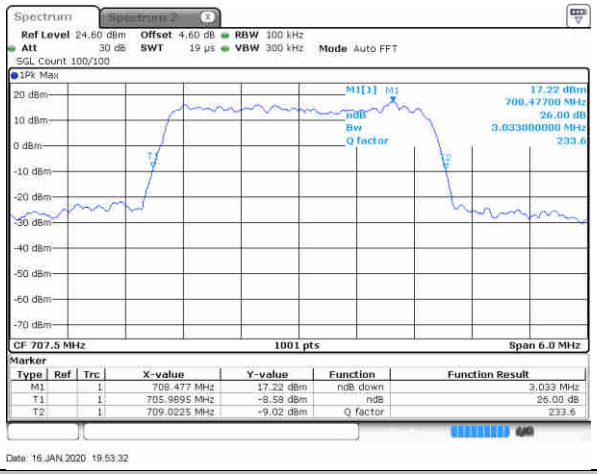
Lowest Channel / 3MHz / 64QAM



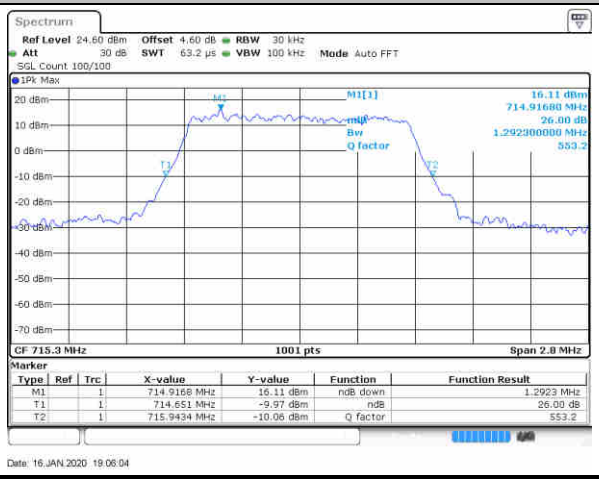
Middle Channel / 1.4MHz / 64QAM



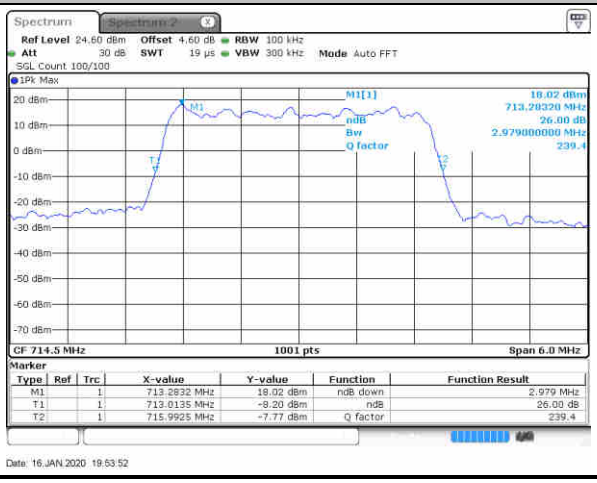
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

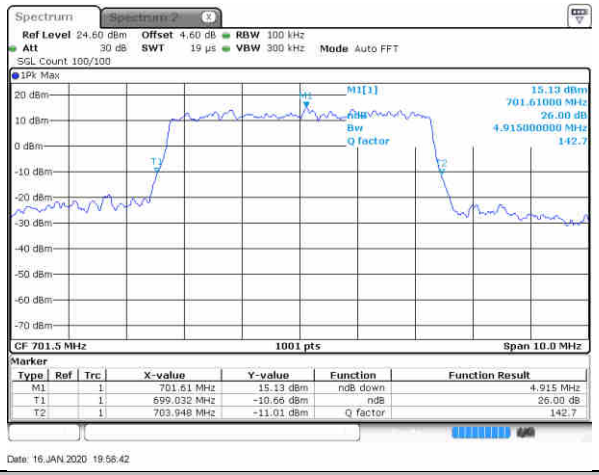


Highest Channel / 3MHz / 64QAM

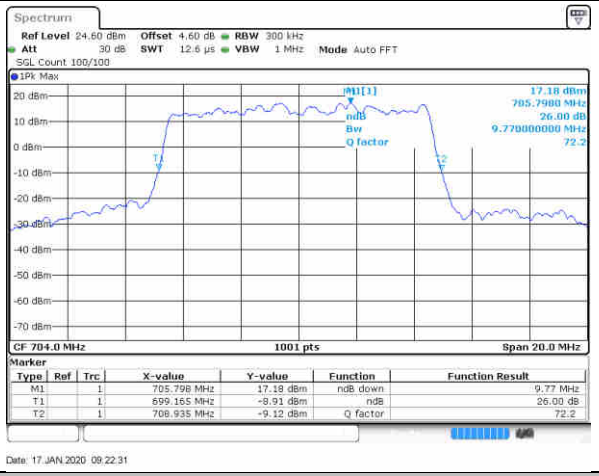


LTE Band 12

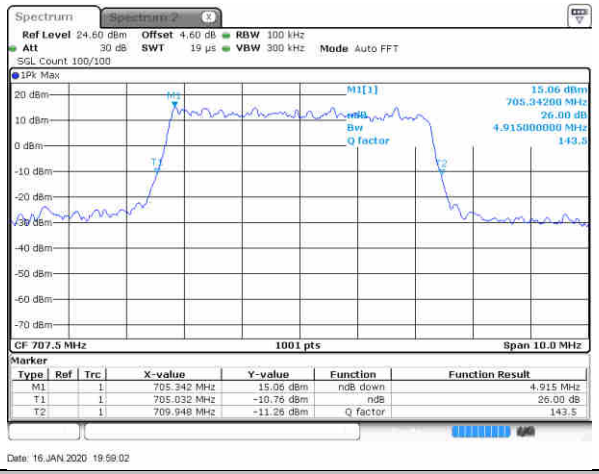
Lowest Channel / 5MHz / 64QAM



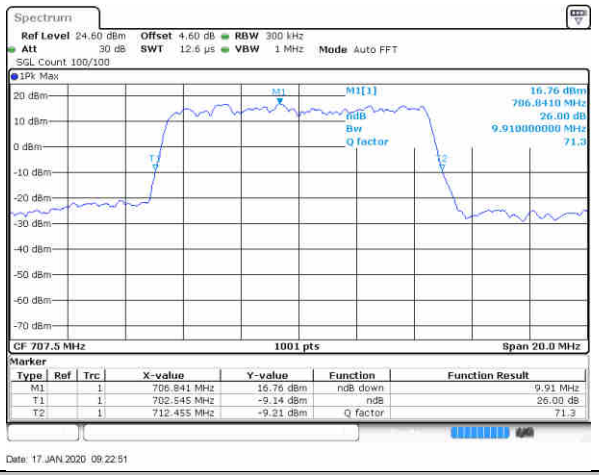
Lowest Channel / 10MHz / 64QAM



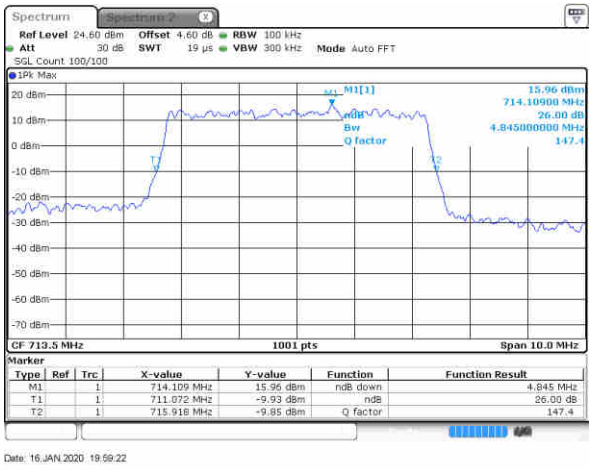
Middle Channel / 5MHz / 64QAM



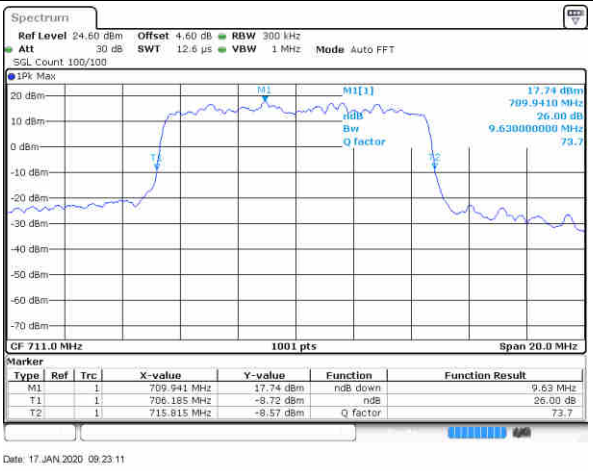
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

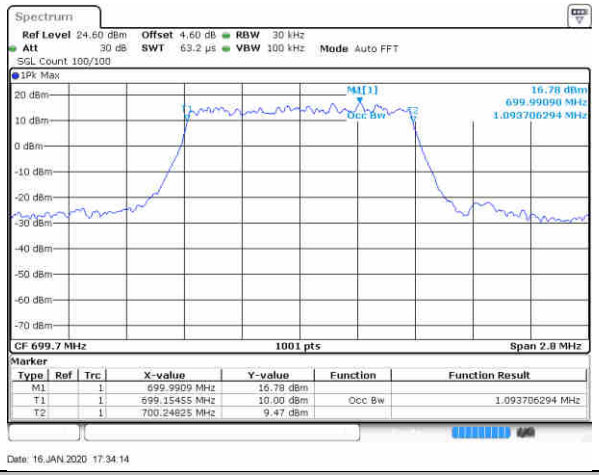


Occupied Bandwidth

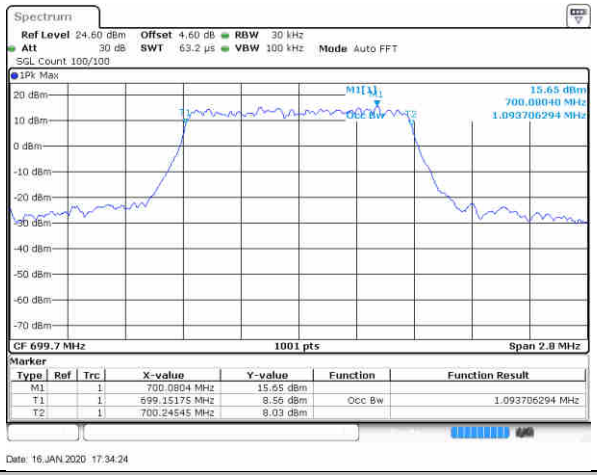
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.09	2.70	2.72	4.49	4.50	8.97	8.93	1.09	2.73	4.49	9.03
Middle CH	1.09	1.09	2.72	2.71	4.48	4.49	9.01	9.03	1.09	2.73	4.48	9.03
Highest CH	1.09	1.09	2.70	2.72	4.49	4.48	8.99	9.01	1.09	2.71	4.47	9.01

LTE Band 12

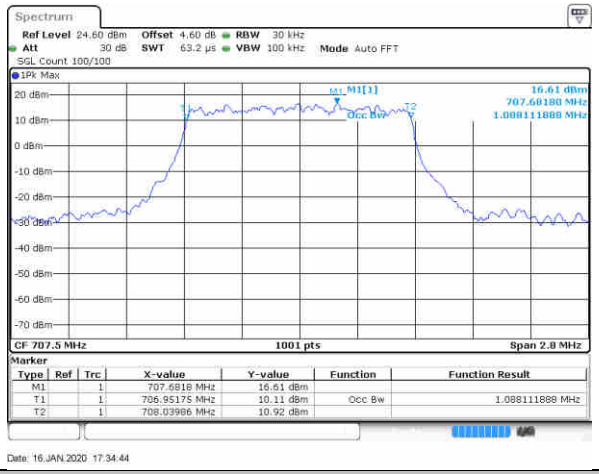
Lowest Channel / 1.4MHz / QPSK



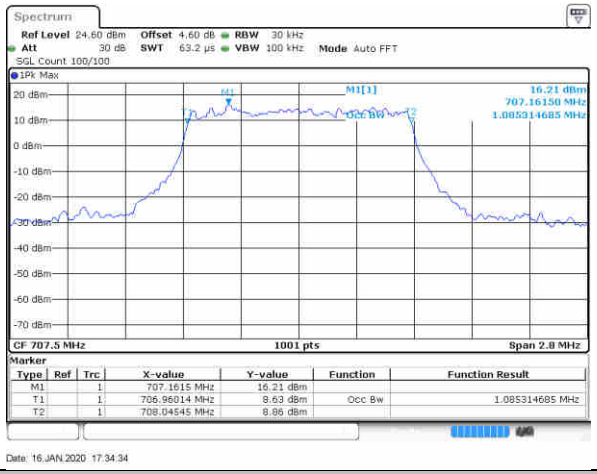
Lowest Channel / 1.4MHz / 16QAM



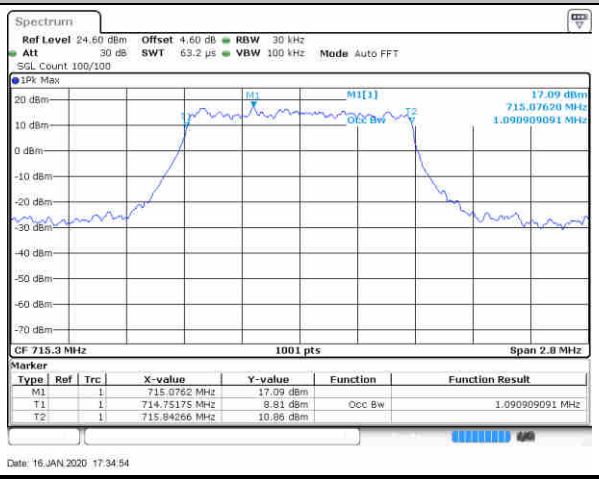
Middle Channel / 1.4MHz / QPSK



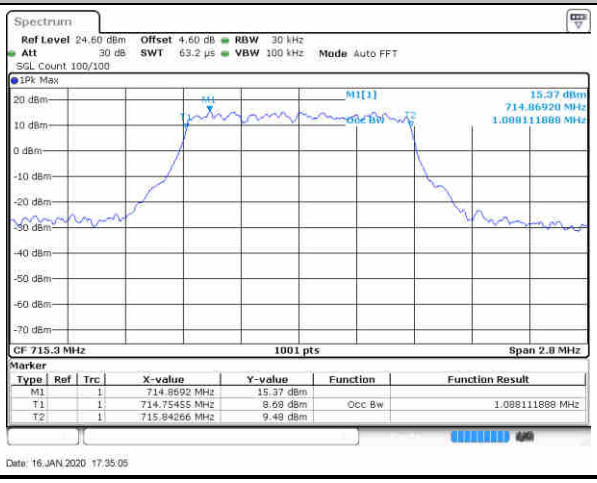
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

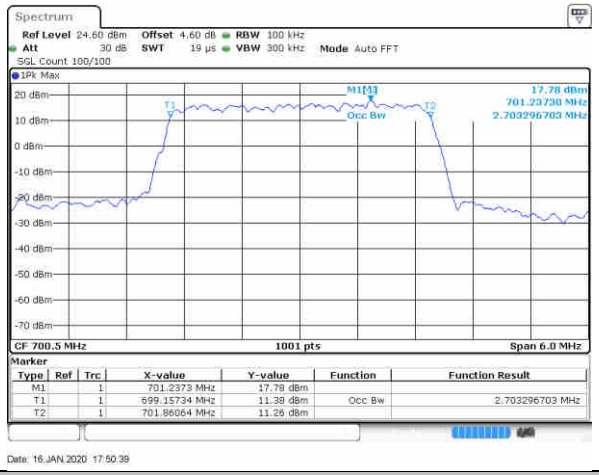


Highest Channel / 1.4MHz / 16QAM

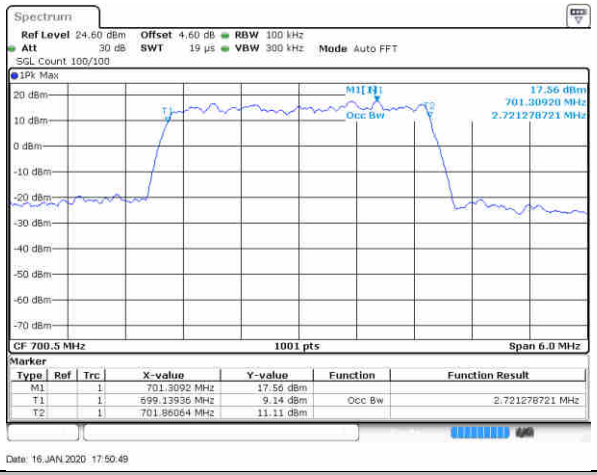


LTE Band 12

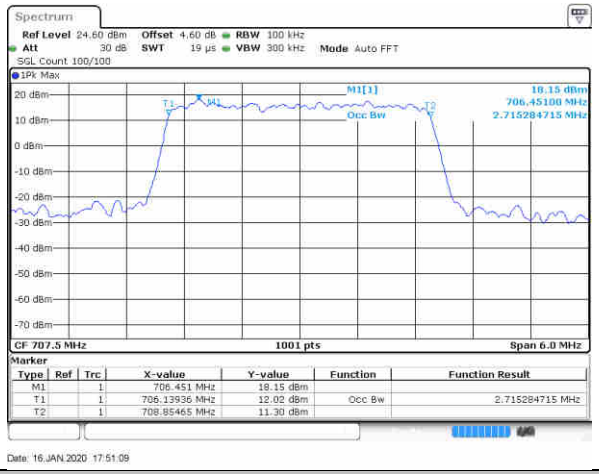
Lowest Channel / 3MHz / QPSK



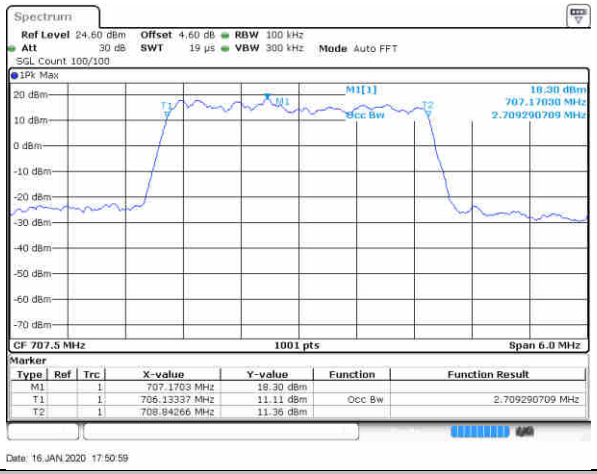
Lowest Channel / 3MHz / 16QAM



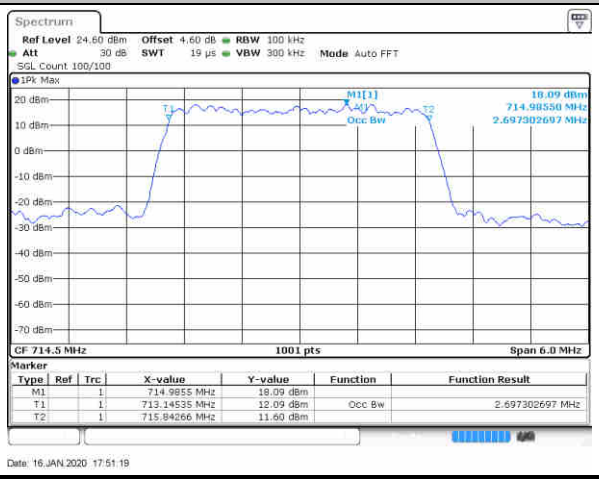
Middle Channel / 3MHz / QPSK



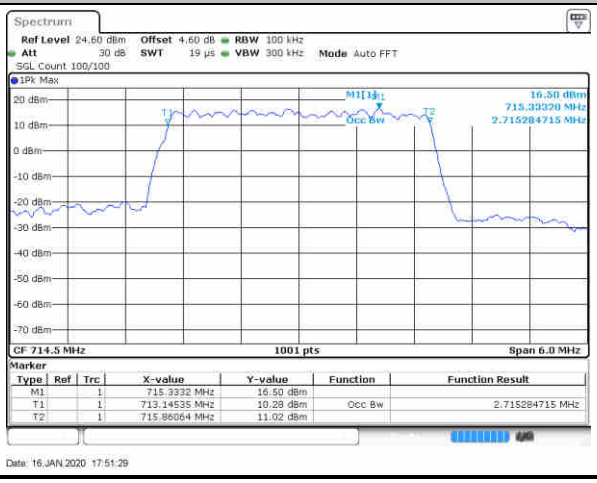
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

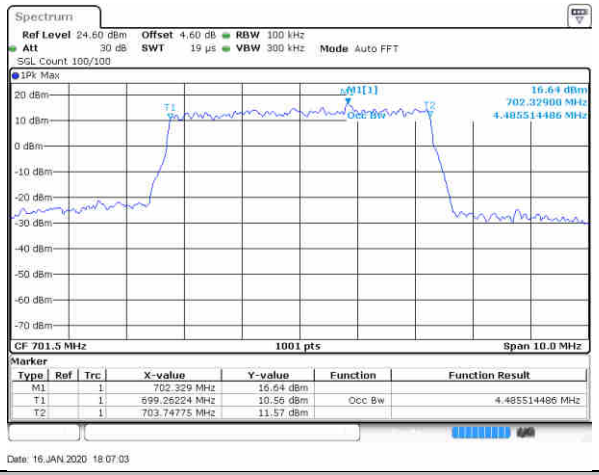


Highest Channel / 3MHz / 16QAM

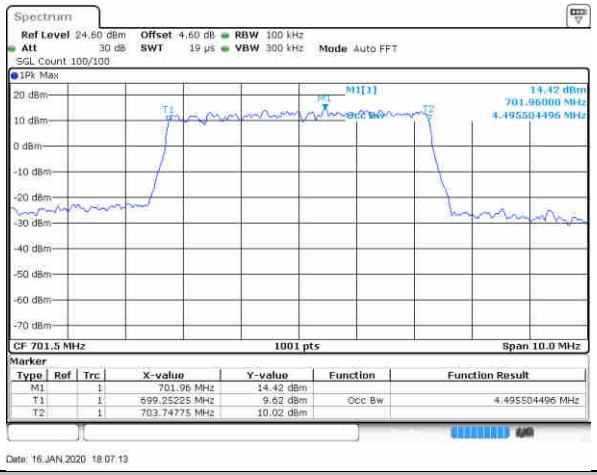


LTE Band 12

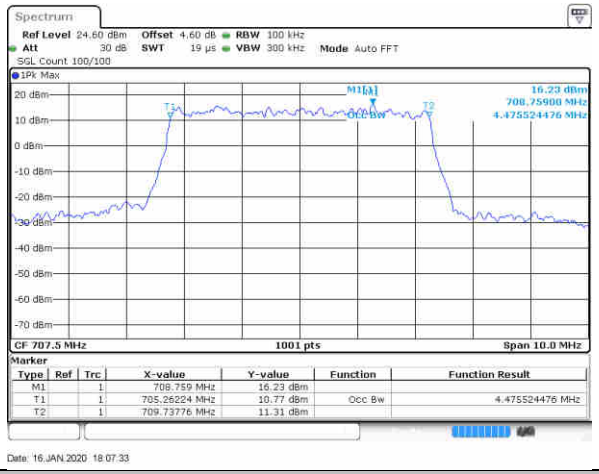
Lowest Channel / 5MHz / QPSK



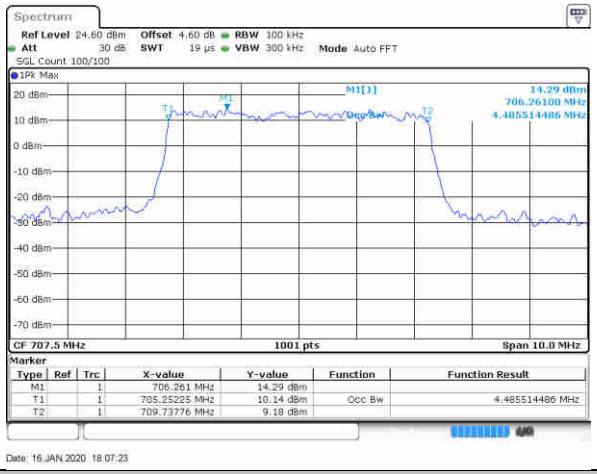
Lowest Channel / 5MHz / 16QAM



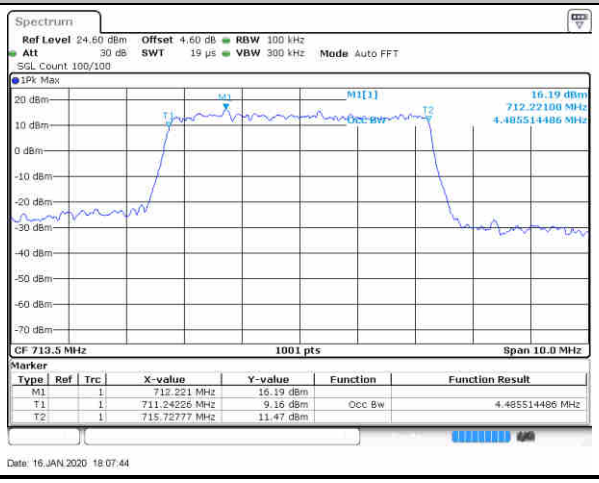
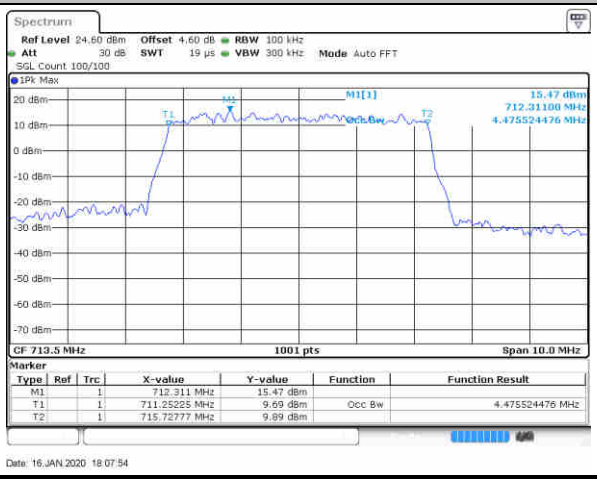
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM