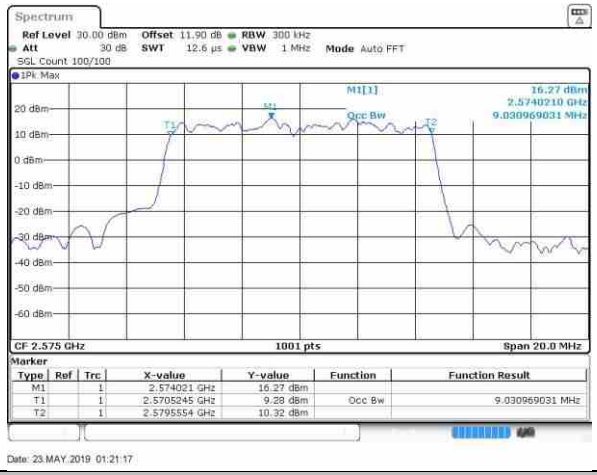
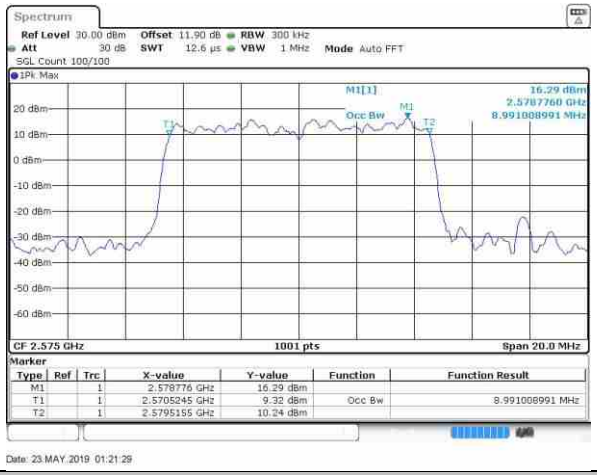
LTE Band 38

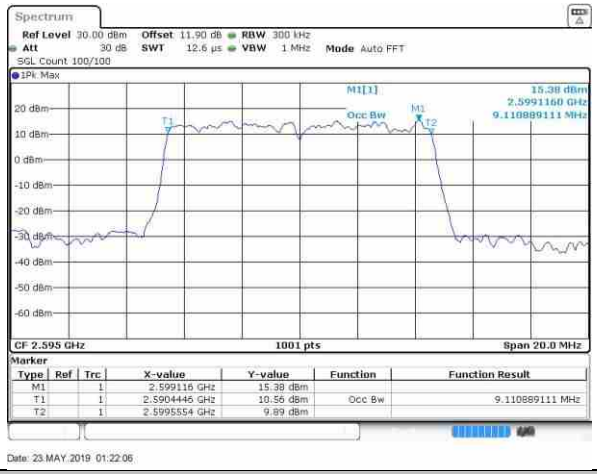
Lowest Channel / 10MHz / QPSK



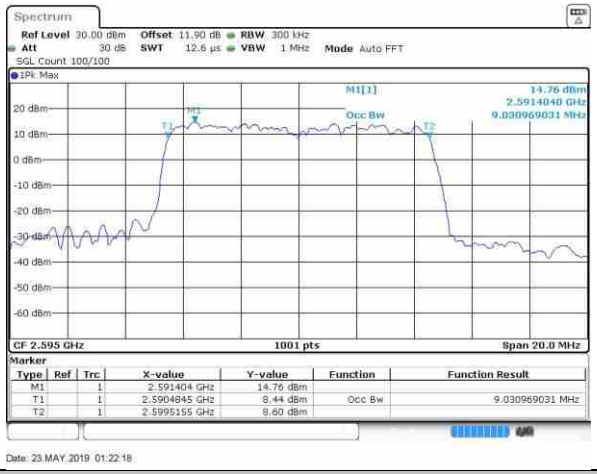
Lowest Channel / 10MHz / 16QAM



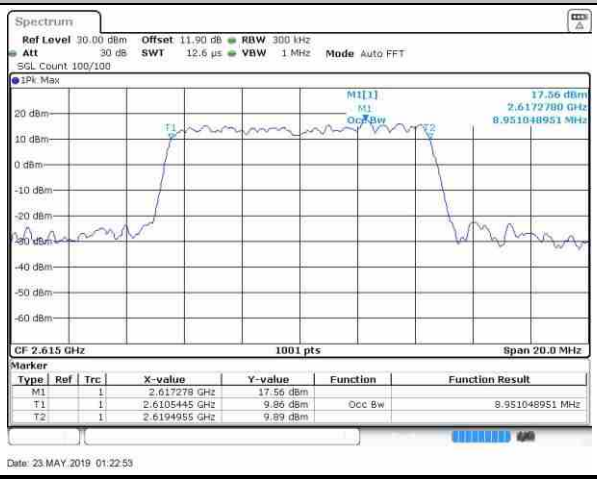
Middle Channel / 10MHz / QPSK



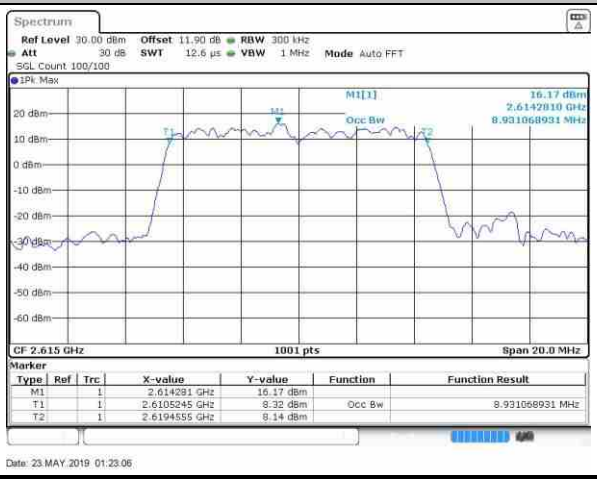
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

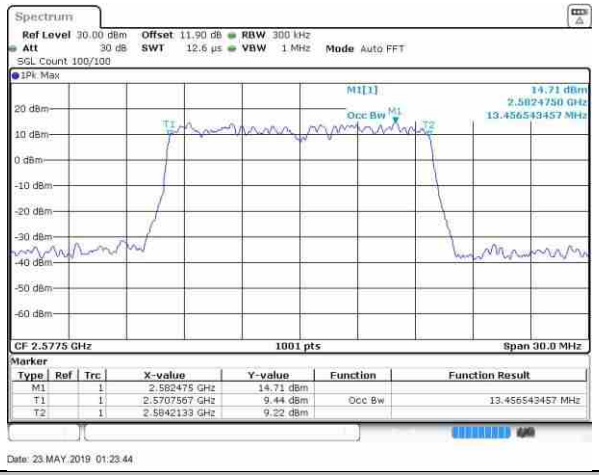


Highest Channel / 10MHz / 16QAM

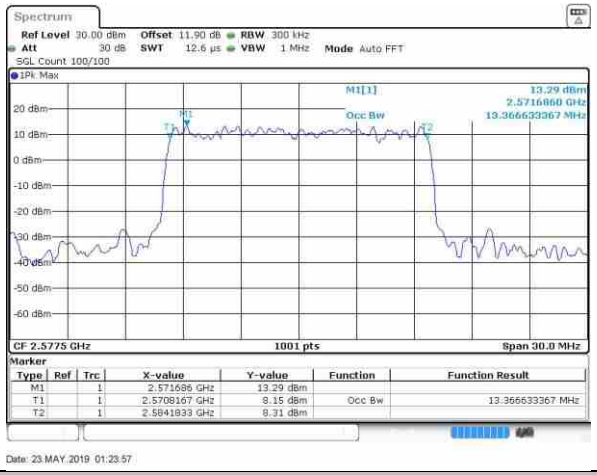


LTE Band 38

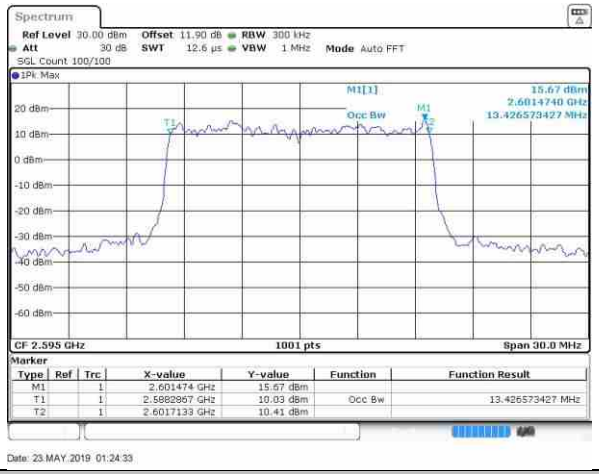
Lowest Channel / 15MHz / QPSK



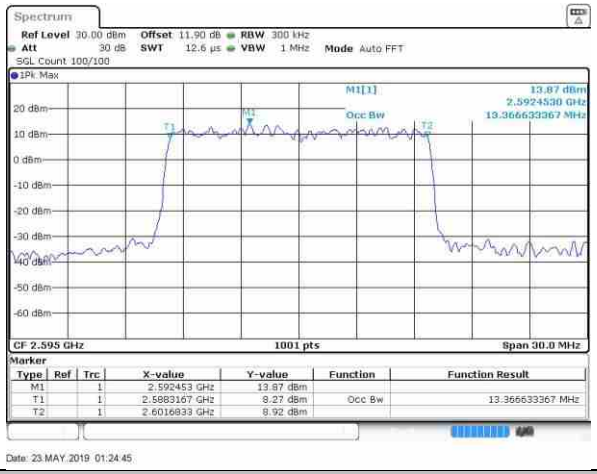
Lowest Channel / 15MHz / 16QAM



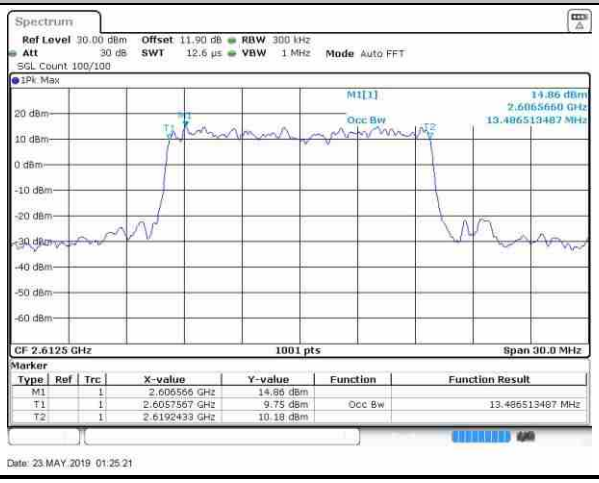
Middle Channel / 15MHz / QPSK



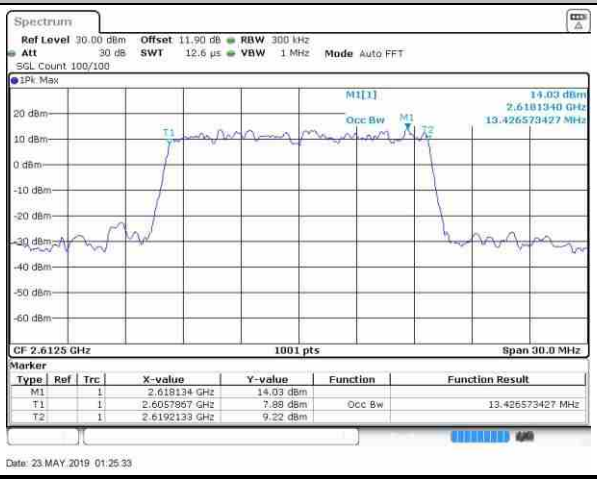
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

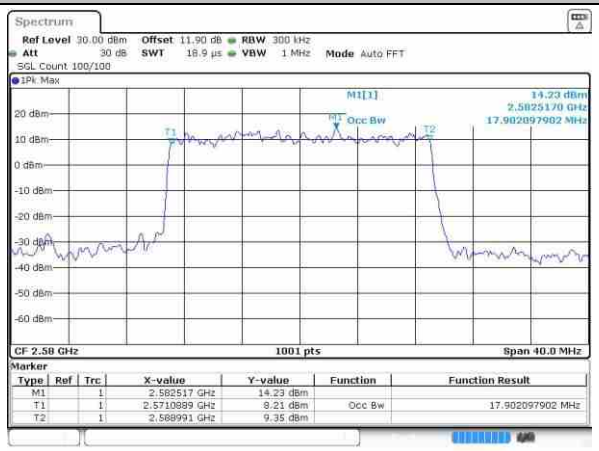


Highest Channel / 15MHz / 16QAM



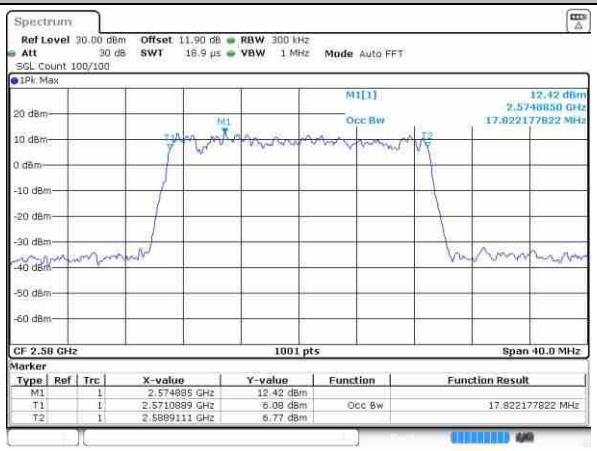
LTE Band 38

Lowest Channel / 20MHz / QPSK



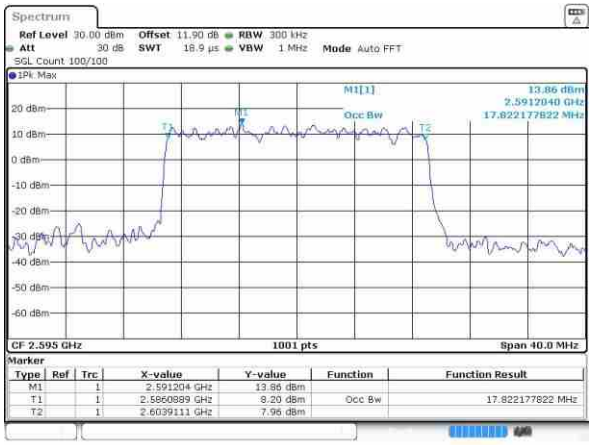
Date: 23.MAY.2019 01:26:12

Lowest Channel / 20MHz / 16QAM



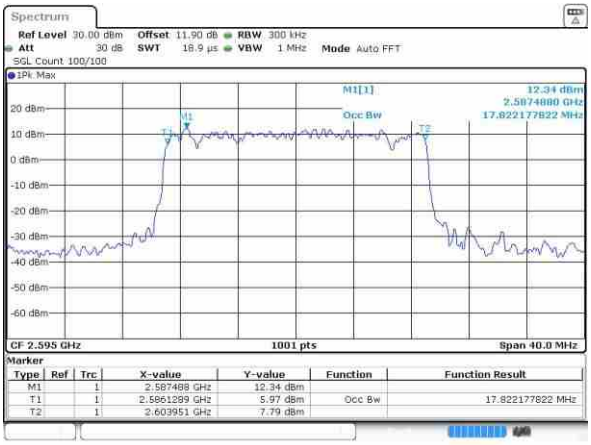
Date: 23.MAY.2019 01:26:24

Middle Channel / 20MHz / QPSK



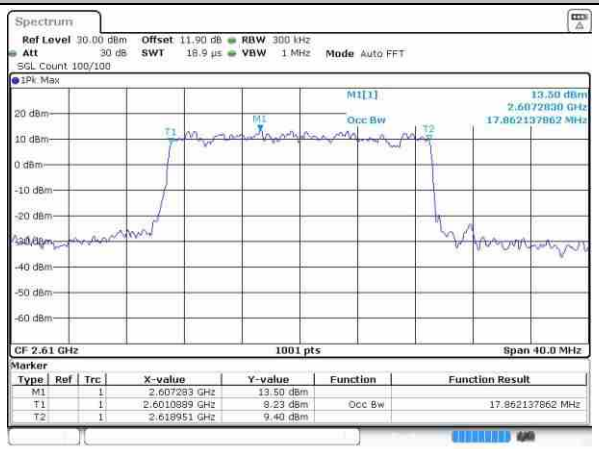
Date: 23.MAY.2019 01:27:01

Middle Channel / 20MHz / 16QAM



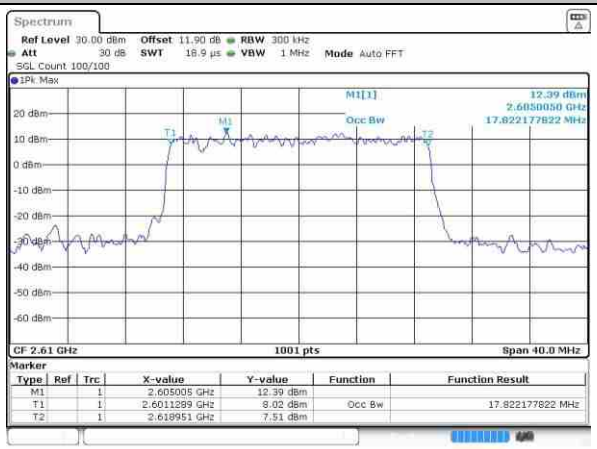
Date: 23.MAY.2019 01:27:13

Highest Channel / 20MHz / QPSK



Date: 23.MAY.2019 01:27:48

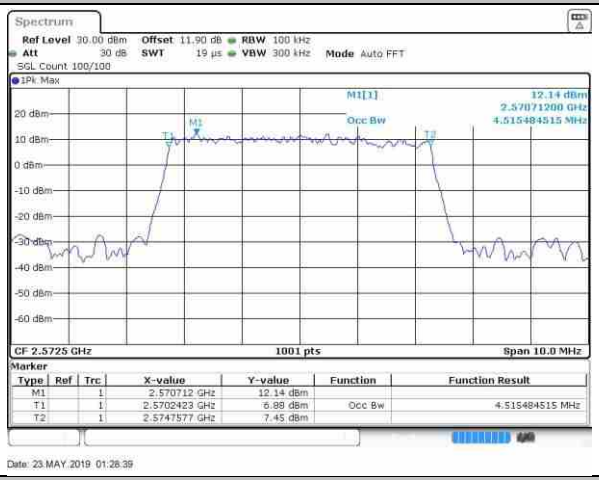
Highest Channel / 20MHz / 16QAM



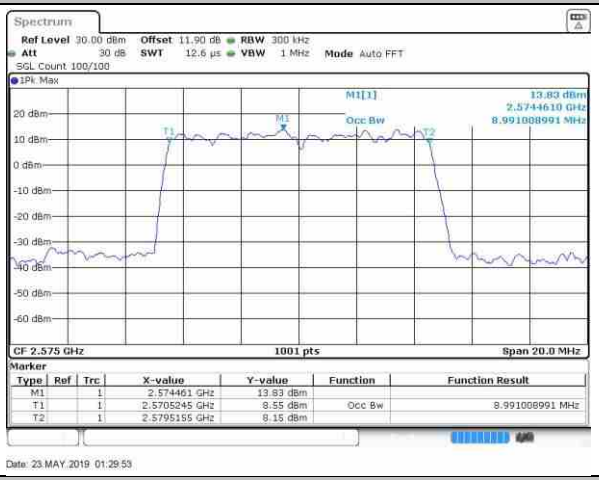
Date: 23.MAY.2019 01:28:01

LTE Band 38

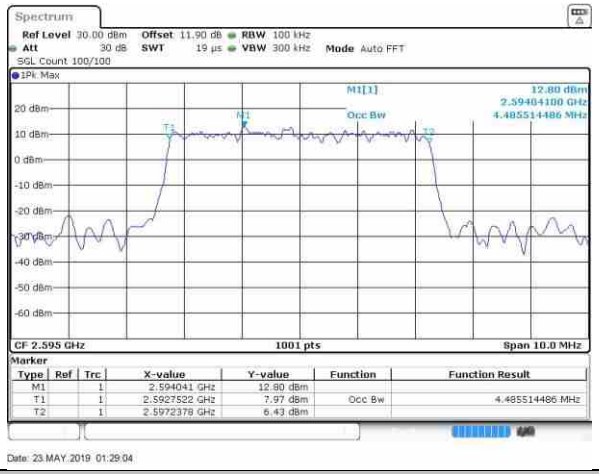
Lowest Channel / 5MHz / 64QAM



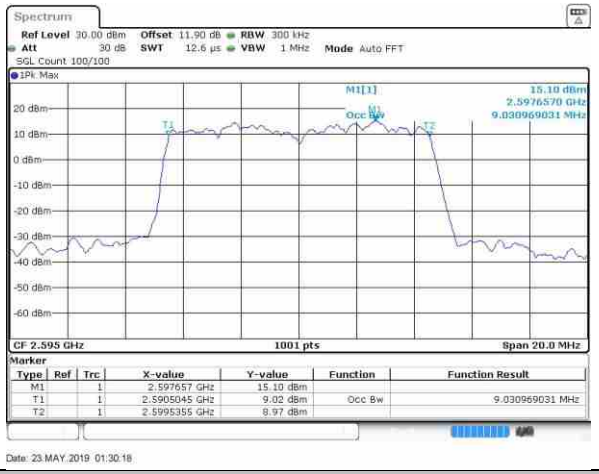
Lowest Channel / 10MHz / 64QAM



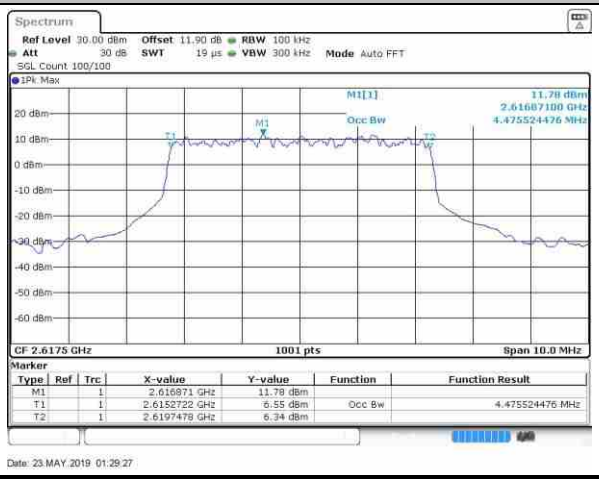
Middle Channel / 5MHz / 64QAM



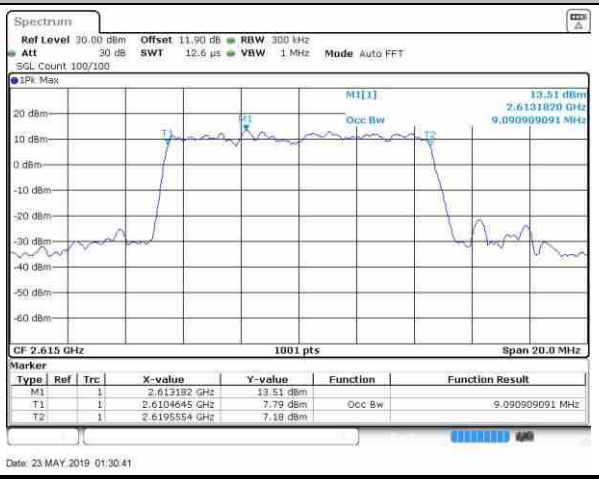
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

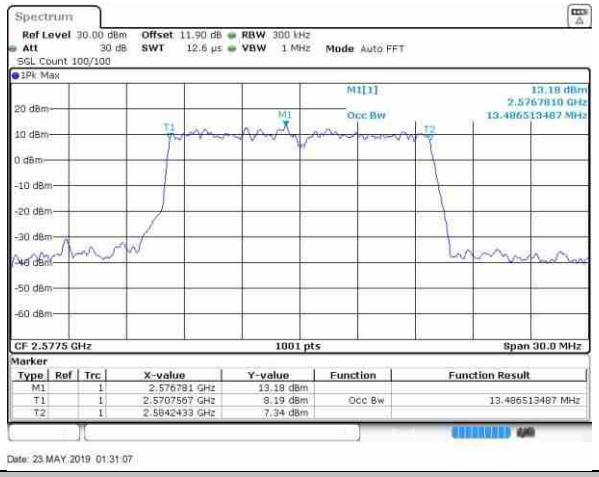


Highest Channel / 10MHz / 64QAM

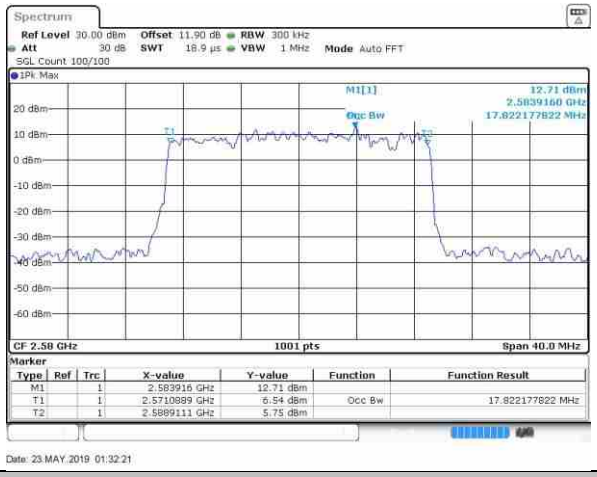


LTE Band 38

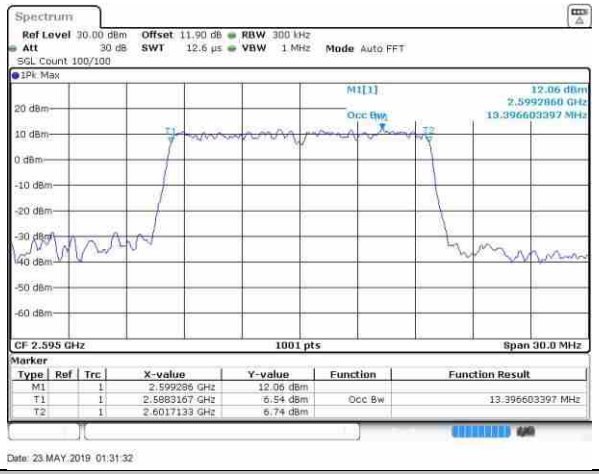
Lowest Channel / 15MHz / 64QAM



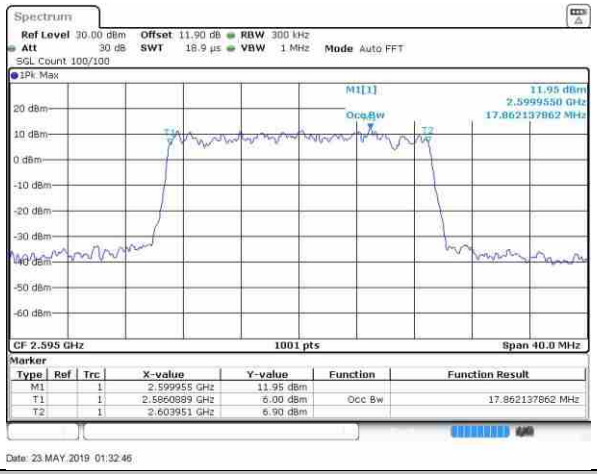
Lowest Channel / 20MHz / 64QAM



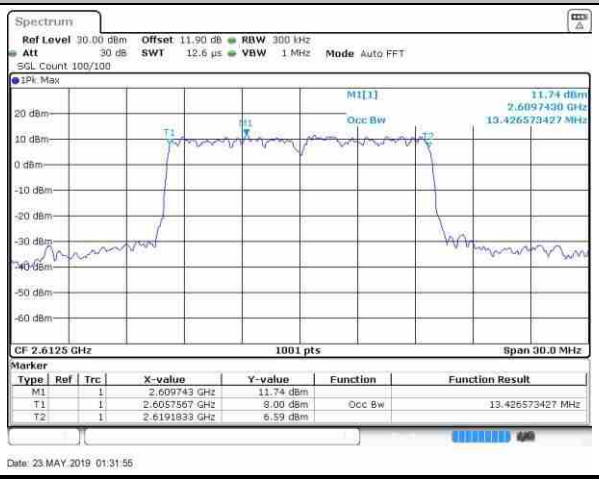
Middle Channel / 15MHz / 64QAM



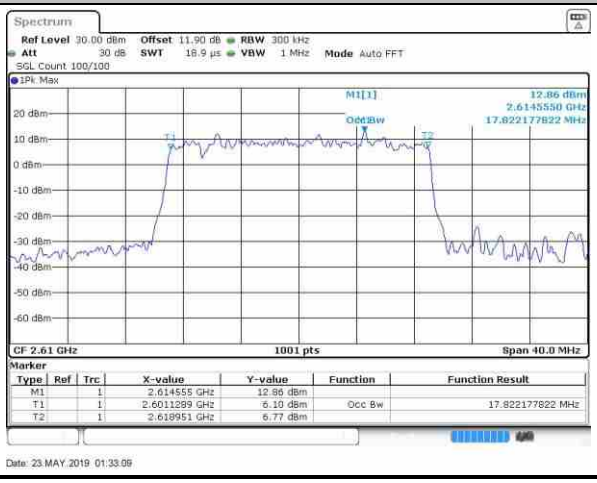
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



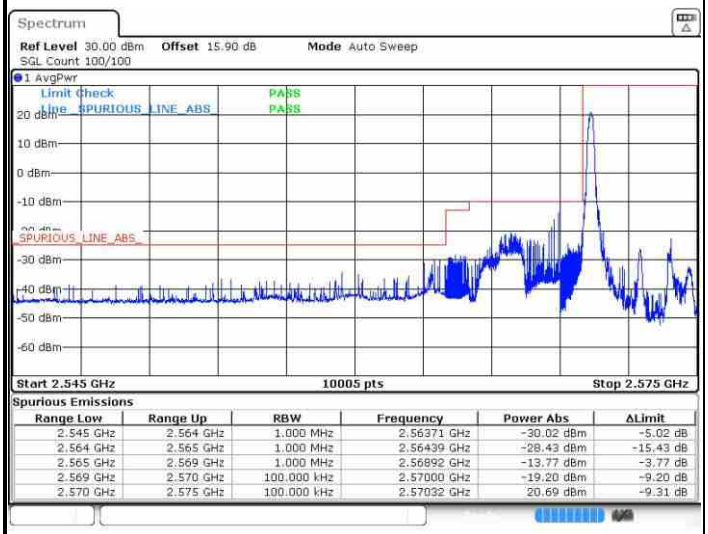
Highest Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 38 / 5MHz / QPSK

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56371 GHz	-30.02 dBm	-5.02 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56439 GHz	-28.43 dBm	-15.43 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56892 GHz	-13.77 dBm	-3.77 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-19.20 dBm	-9.20 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57032 GHz	20.69 dBm	-9.31 dB

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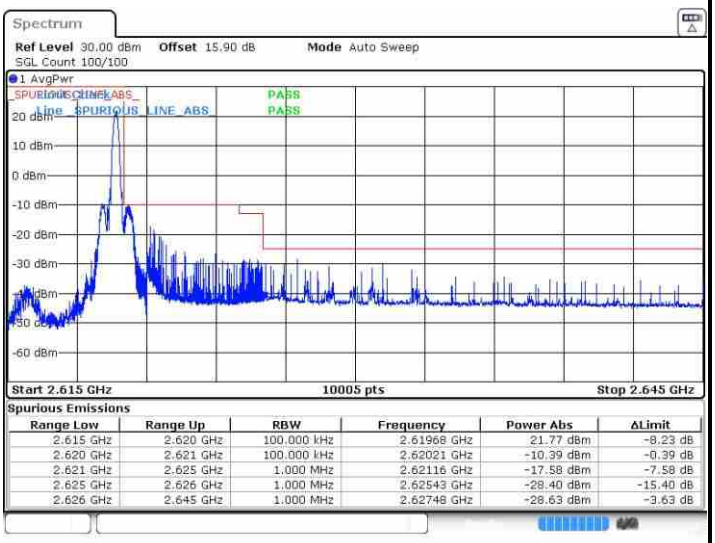
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61968 GHz	21.77 dBm	-8.23 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62021 GHz	-10.39 dBm	-0.39 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62116 GHz	-17.58 dBm	-7.58 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62543 GHz	-28.40 dBm	-15.40 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62748 GHz	-28.63 dBm	-3.63 dB

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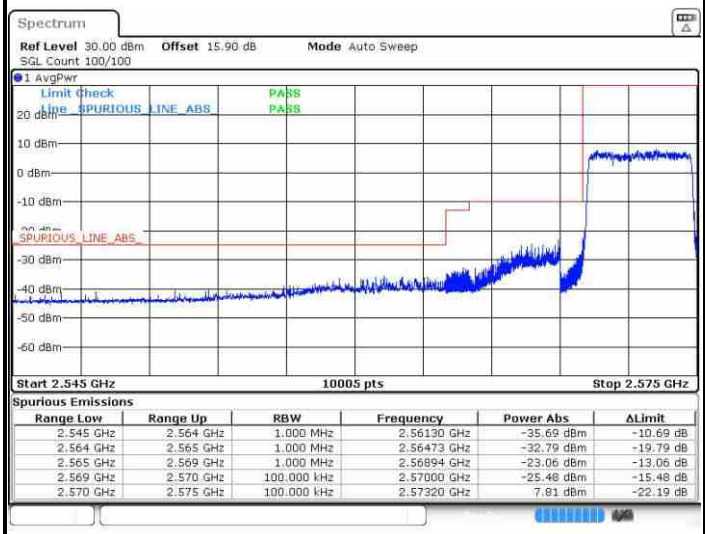
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56130 GHz	-35.69 dBm	-10.69 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56473 GHz	-32.79 dBm	-19.79 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56894 GHz	-23.06 dBm	-13.06 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-25.48 dBm	-15.48 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57320 GHz	7.81 dBm	-22.19 dB

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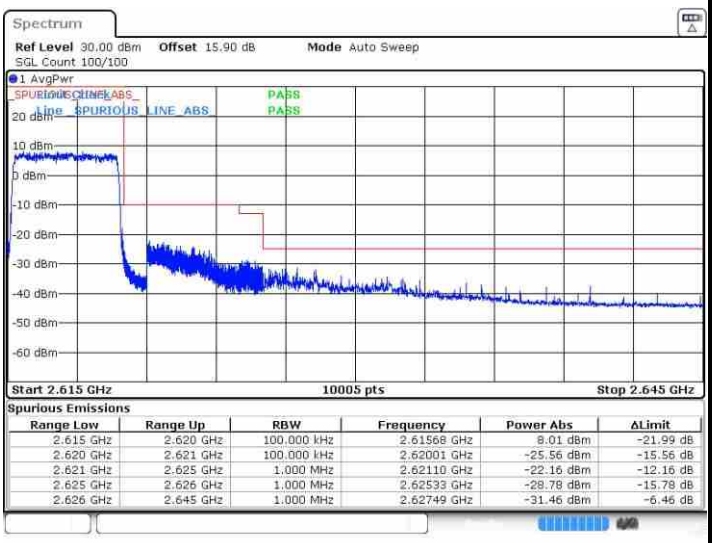
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61568 GHz	8.01 dBm	-21.99 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62001 GHz	-25.56 dBm	-15.56 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62110 GHz	-22.16 dBm	-12.16 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62533 GHz	-28.78 dBm	-15.78 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62749 GHz	-31.46 dBm	-6.46 dB

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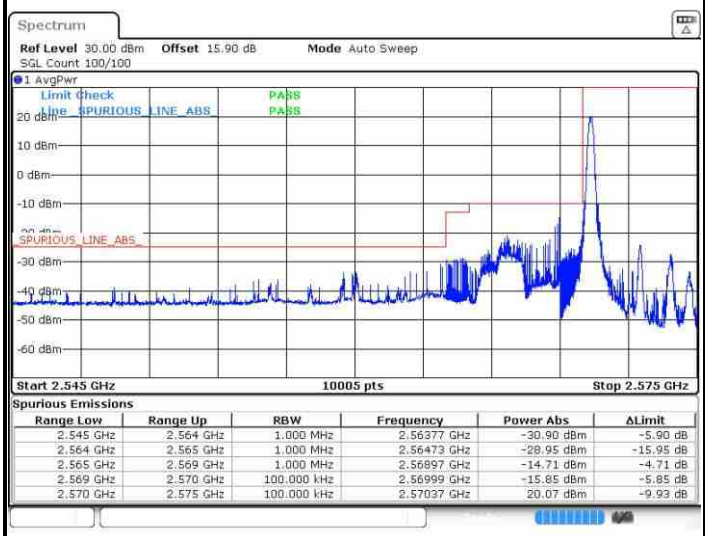
LTE Band 38 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56377 GHz	-30.90 dBm	-5.90 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56473 GHz	-28.95 dBm	-15.95 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-14.71 dBm	-4.71 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56999 GHz	-15.85 dBm	-5.85 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57037 GHz	20.07 dBm	-9.93 dB

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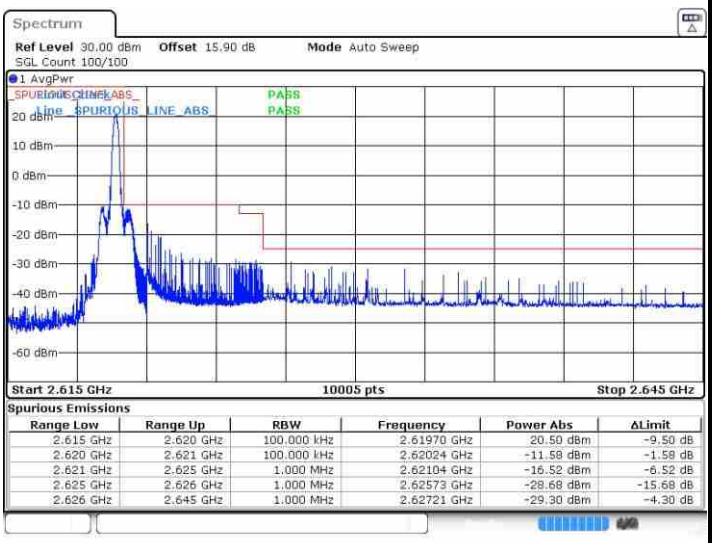
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61970 GHz	20.50 dBm	-9.50 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62024 GHz	-11.58 dBm	-1.58 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62104 GHz	-16.52 dBm	-6.52 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62573 GHz	-28.68 dBm	-15.68 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62721 GHz	-29.30 dBm	-4.30 dB

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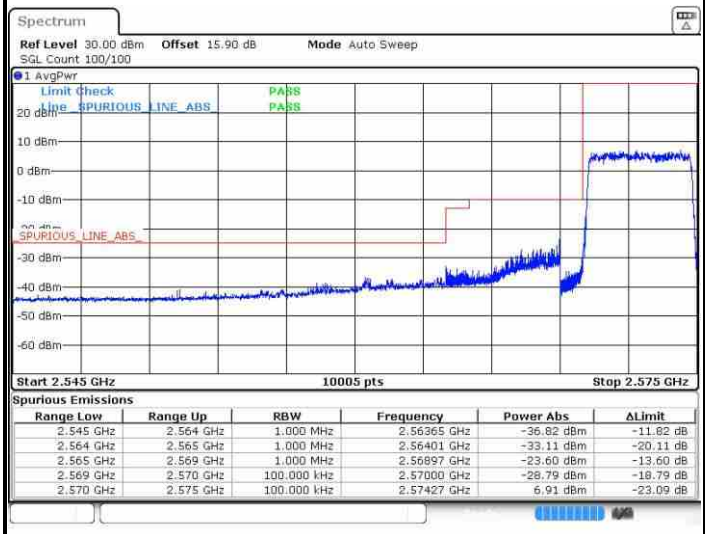
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56365 GHz	-36.82 dBm	-11.82 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56401 GHz	-33.11 dBm	-20.11 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-23.60 dBm	-13.60 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-28.79 dBm	-18.79 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57427 GHz	6.91 dBm	-23.09 dB

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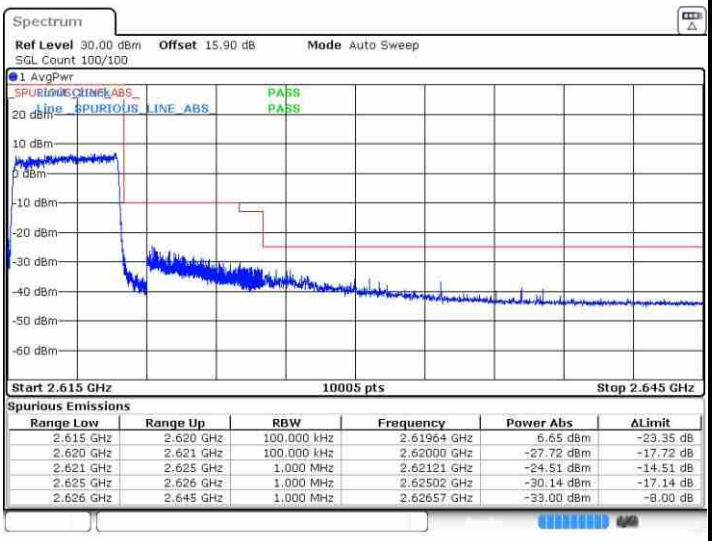
Highest Band Edge / Full RB



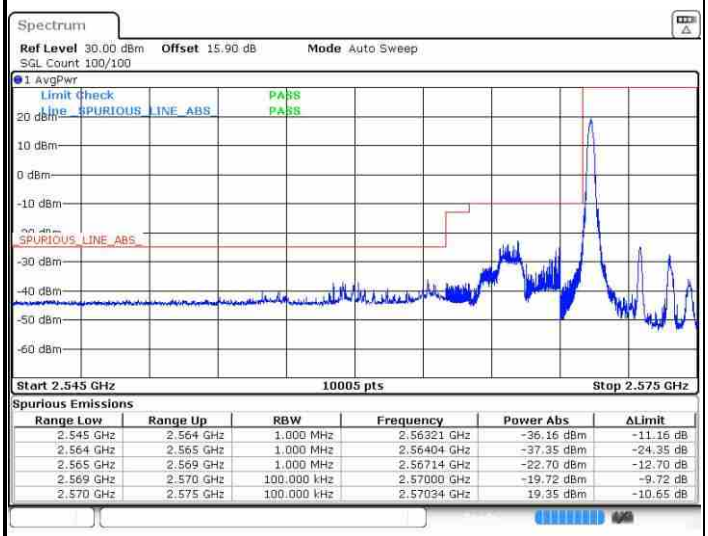
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61964 GHz	6.65 dBm	-23.35 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62000 GHz	-27.72 dBm	-17.72 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62121 GHz	-24.51 dBm	-14.51 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62502 GHz	-30.14 dBm	-17.14 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62657 GHz	-33.00 dBm	-8.00 dB

Date: 22.MAY.2019 18:42:40

LTE Band 38 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56321 GHz	-36.16 dBm	-11.16 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56404 GHz	-37.35 dBm	-24.35 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56714 GHz	-22.70 dBm	-12.70 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.57000 GHz	-19.72 dBm	-9.72 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57034 GHz	19.35 dBm	-10.65 dB

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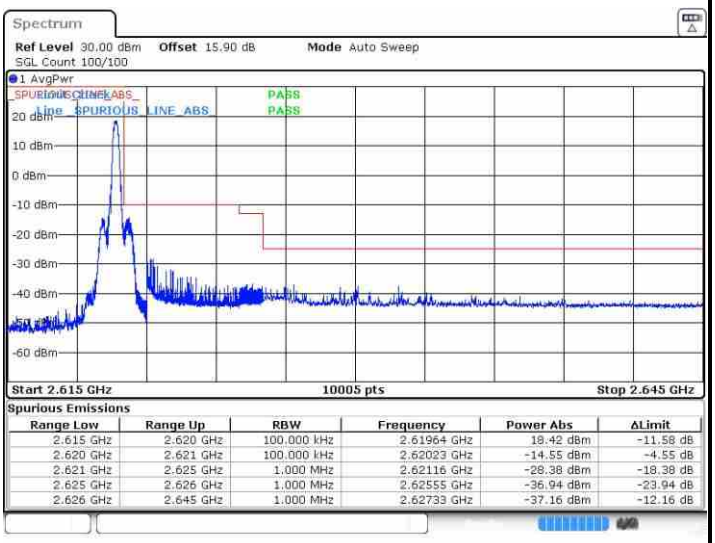
Highest Band Edge / 1 RB

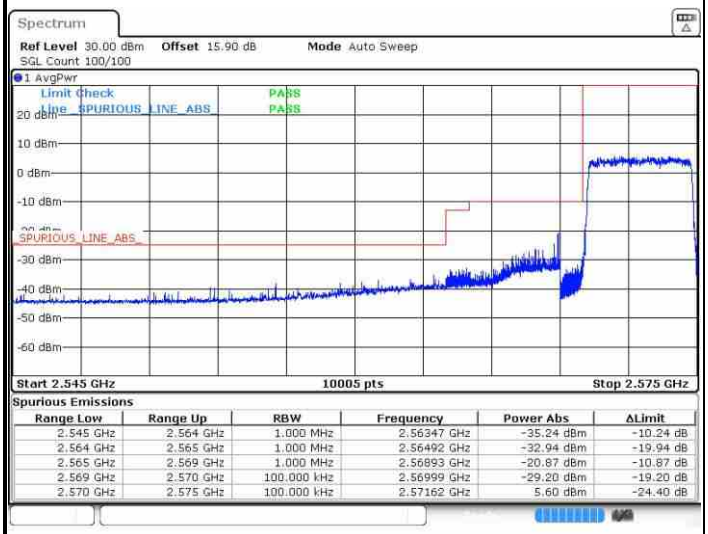


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61964 GHz	18.42 dBm	-11.58 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62023 GHz	-14.55 dBm	-4.55 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62116 GHz	-28.38 dBm	-18.38 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62555 GHz	-36.94 dBm	-23.94 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62733 GHz	-37.16 dBm	-12.16 dB

Date: 22.MAY.2019 18:45:50

Lowest Band Edge / Full RB

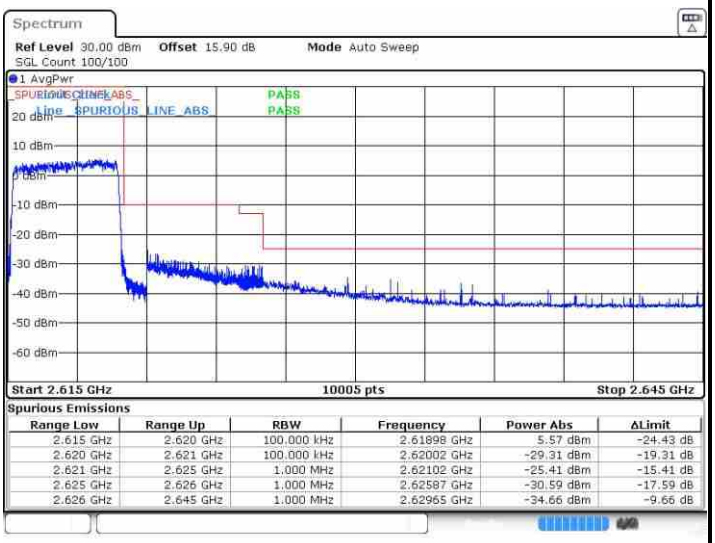


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.564 GHz	1.000 MHz	2.56347 GHz	-35.24 dBm	-10.24 dB
2.564 GHz	2.565 GHz	1.000 MHz	2.56492 GHz	-32.94 dBm	-19.94 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56893 GHz	-20.87 dBm	-10.87 dB
2.569 GHz	2.570 GHz	100.000 kHz	2.56999 GHz	-29.20 dBm	-19.20 dB
2.570 GHz	2.575 GHz	100.000 kHz	2.57162 GHz	5.60 dBm	-24.40 dB

Date: 22.MAY.2019 18:44:47

Highest Band Edge / Full RB



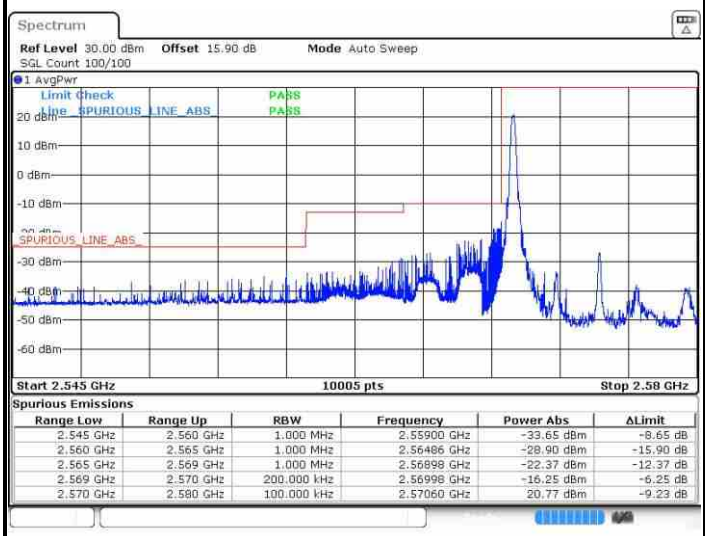
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.620 GHz	100.000 kHz	2.61898 GHz	5.57 dBm	-24.43 dB
2.620 GHz	2.621 GHz	100.000 kHz	2.62002 GHz	-29.31 dBm	-19.31 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62102 GHz	-25.41 dBm	-15.41 dB
2.625 GHz	2.626 GHz	1.000 MHz	2.62587 GHz	-30.59 dBm	-17.59 dB
2.626 GHz	2.645 GHz	1.000 MHz	2.62965 GHz	-34.66 dBm	-9.66 dB

Date: 22.MAY.2019 18:45:18

LTE Band 38 / 10MHz / QPSK

Lowest Band Edge / 1 RB



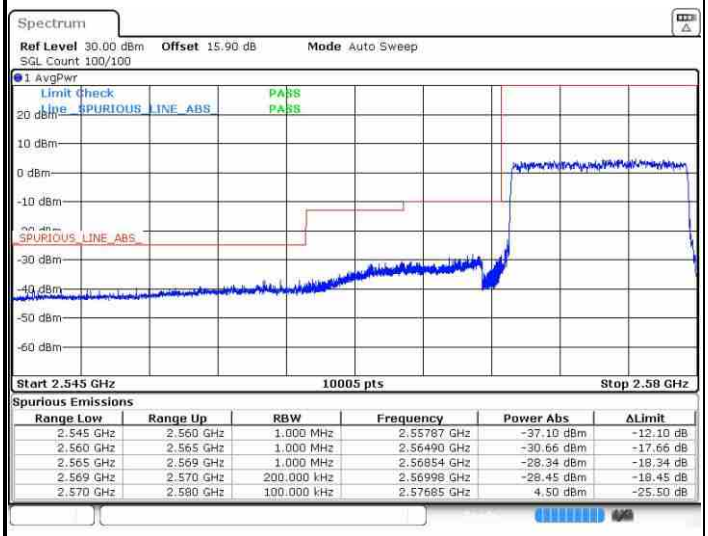
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55900 GHz	-33.65 dBm	-8.65 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56486 GHz	-28.90 dBm	-15.90 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56898 GHz	-22.37 dBm	-12.37 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56998 GHz	-16.25 dBm	-6.25 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57060 GHz	20.77 dBm	-9.23 dB

Date: 22.MAY.2019 18:48:29

Highest Band Edge / 1 RB

Lowest Band Edge / Full RB

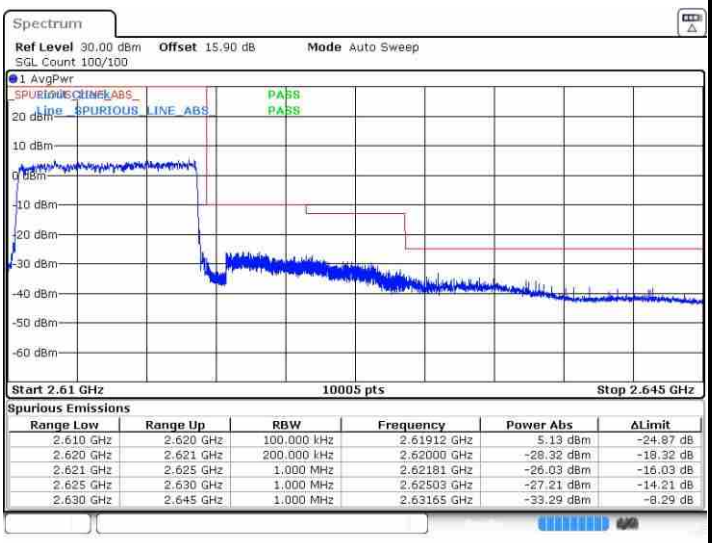


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55787 GHz	-37.10 dBm	-12.10 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56490 GHz	-30.66 dBm	-17.66 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56854 GHz	-28.34 dBm	-18.34 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56998 GHz	-28.45 dBm	-18.45 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57685 GHz	4.50 dBm	-25.50 dB

Date: 22.MAY.2019 18:49:33

Highest Band Edge / Full RB



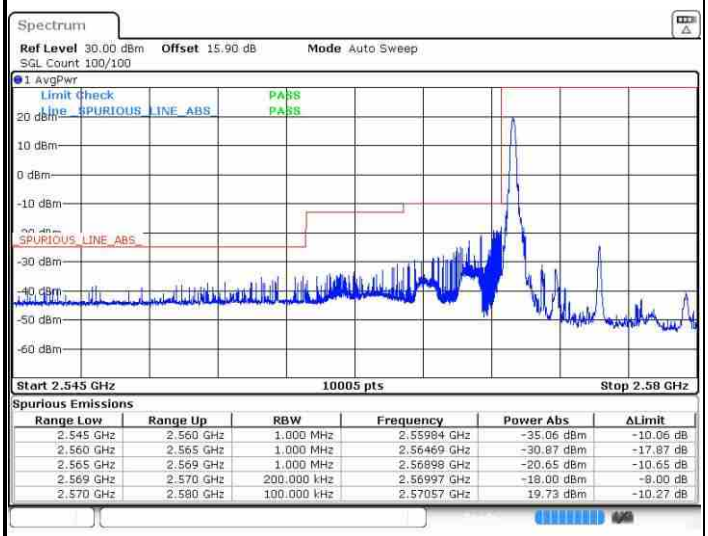
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61912 GHz	5.13 dBm	-24.87 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62000 GHz	-28.32 dBm	-18.32 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62181 GHz	-26.03 dBm	-16.03 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62503 GHz	-27.21 dBm	-14.21 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63165 GHz	-33.29 dBm	-8.29 dB

Date: 22.MAY.2019 18:50:37

LTE Band 38 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



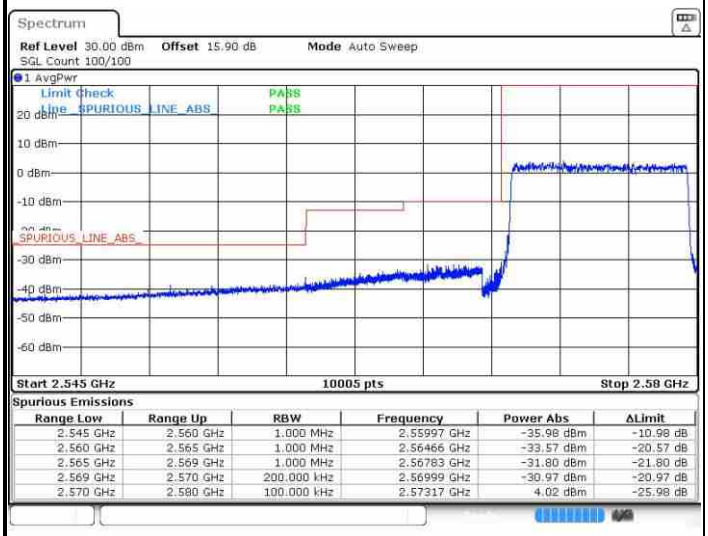
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55984 GHz	-35.06 dBm	-10.06 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56469 GHz	-30.87 dBm	-17.87 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56898 GHz	-20.65 dBm	-10.65 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56997 GHz	-18.00 dBm	-8.00 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57057 GHz	19.73 dBm	-10.27 dB

Date: 22.MAY.2019 18:49:01

Highest Band Edge / 1 RB

Lowest Band Edge / Full RB

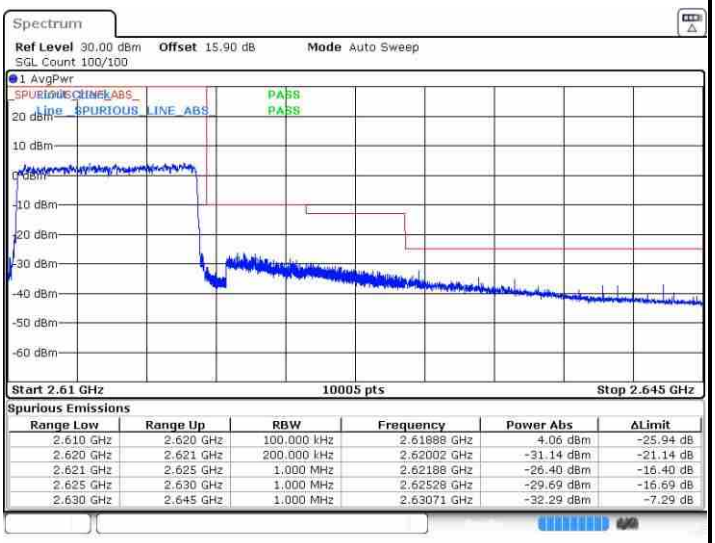


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55997 GHz	-35.98 dBm	-10.98 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56466 GHz	-33.57 dBm	-20.57 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56783 GHz	-31.80 dBm	-21.80 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56999 GHz	-30.97 dBm	-20.97 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57317 GHz	4.02 dBm	-25.98 dB

Date: 22.MAY.2019 18:50:05

Highest Band Edge / Full RB



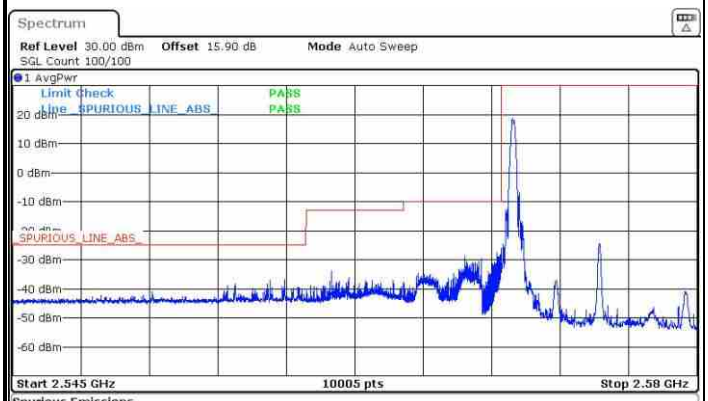
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61888 GHz	4.06 dBm	-25.94 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62002 GHz	-31.14 dBm	-21.14 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62188 GHz	-26.40 dBm	-16.40 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62528 GHz	-29.69 dBm	-16.69 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63071 GHz	-32.29 dBm	-7.29 dB

Date: 22.MAY.2019 18:51:08

LTE Band 38 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

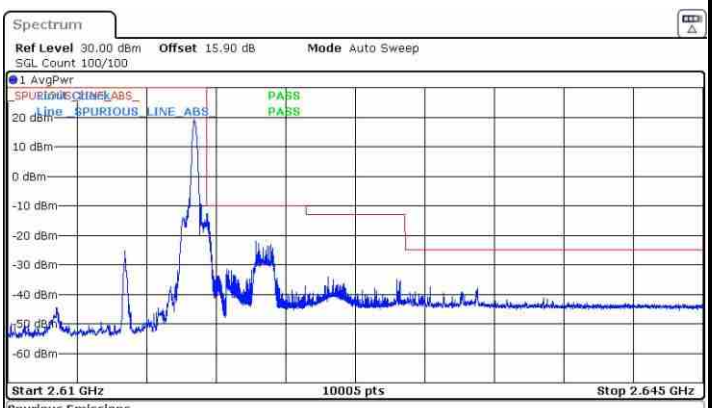


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55892 GHz	-36.89 dBm	-11.89 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56130 GHz	-33.82 dBm	-20.82 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56812 GHz	-28.90 dBm	-18.90 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56997 GHz	-26.23 dBm	-16.23 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57057 GHz	18.59 dBm	-11.41 dB

Date: 22.MAY.2019 18:46:22

Highest Band Edge / 1 RB

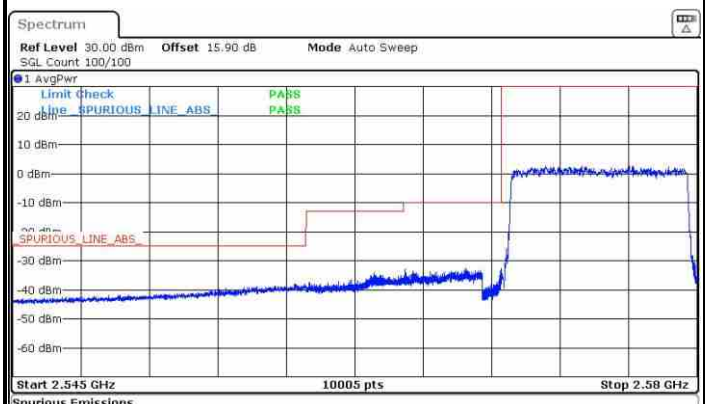


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61938 GHz	19.15 dBm	-10.85 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62000 GHz	-12.54 dBm	-2.54 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62251 GHz	-21.97 dBm	-11.97 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62613 GHz	-34.28 dBm	-21.28 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63126 GHz	-37.56 dBm	-12.56 dB

Date: 22.MAY.2019 18:47:58

Lowest Band Edge / Full RB

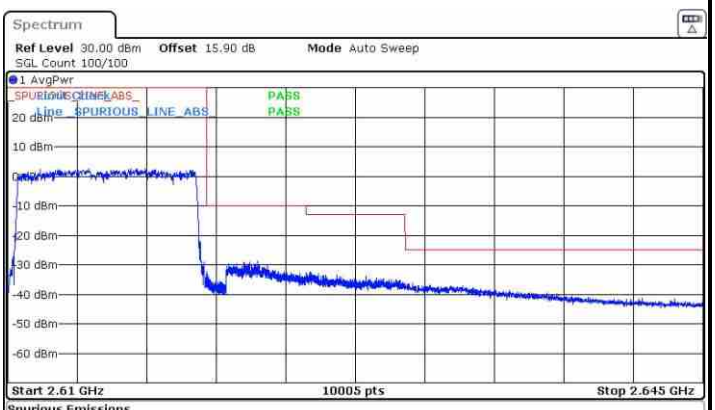


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.560 GHz	1.000 MHz	2.55947 GHz	-38.13 dBm	-13.13 dB
2.560 GHz	2.565 GHz	1.000 MHz	2.56349 GHz	-34.05 dBm	-21.05 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56818 GHz	-32.72 dBm	-22.72 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56998 GHz	-32.73 dBm	-22.73 dB
2.570 GHz	2.580 GHz	100.000 kHz	2.57411 GHz	2.58 dBm	-27.42 dB

Date: 22.MAY.2019 18:46:54

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.610 GHz	2.620 GHz	100.000 kHz	2.61692 GHz	2.50 dBm	-27.50 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62001 GHz	-32.34 dBm	-22.34 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62258 GHz	-28.92 dBm	-18.92 dB
2.625 GHz	2.630 GHz	1.000 MHz	2.62523 GHz	-32.34 dBm	-19.34 dB
2.630 GHz	2.645 GHz	1.000 MHz	2.63039 GHz	-36.21 dBm	-11.21 dB

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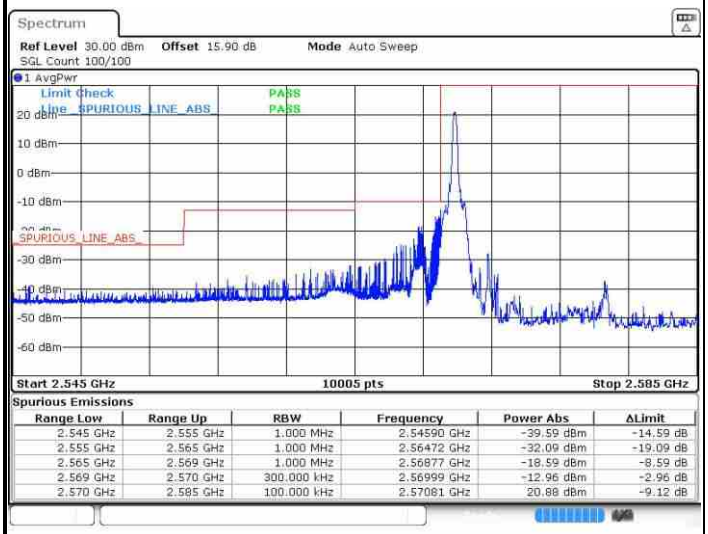
LTE Band 38 / 15MHz / QPSK

Lowest Band Edge / 1 RB

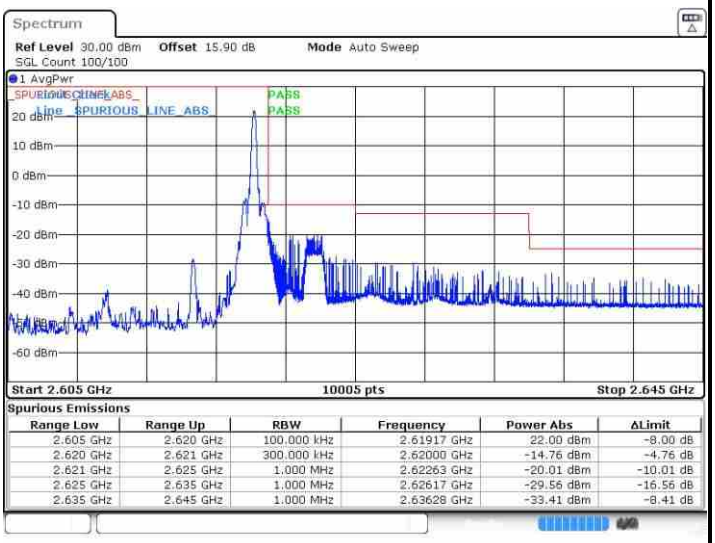


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.54590 GHz	-39.59 dBm	-14.59 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56472 GHz	-32.09 dBm	-19.09 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56877 GHz	-18.59 dBm	-8.59 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-12.96 dBm	-2.96 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57081 GHz	20.88 dBm	-9.12 dB

Date: 22.MAY.2019 18:52:45

Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61917 GHz	22.00 dBm	-8.00 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-14.76 dBm	-4.76 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62263 GHz	-20.01 dBm	-10.01 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62617 GHz	-29.56 dBm	-16.56 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63628 GHz	-33.41 dBm	-8.41 dB

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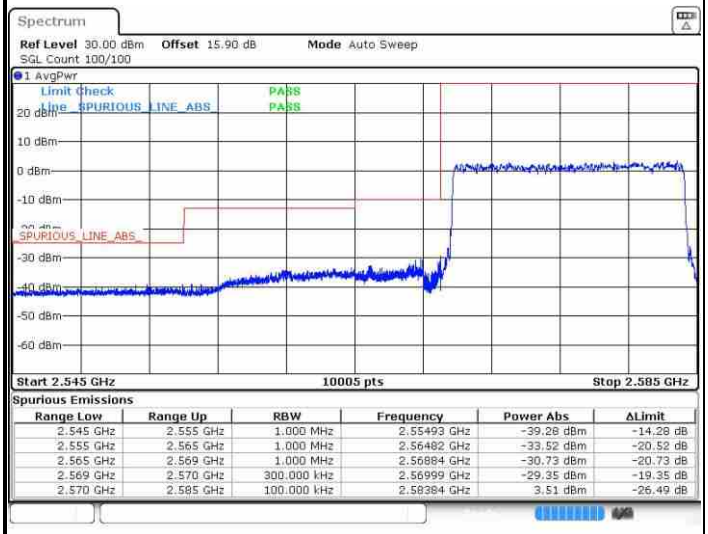
Lowest Band Edge / Full RB

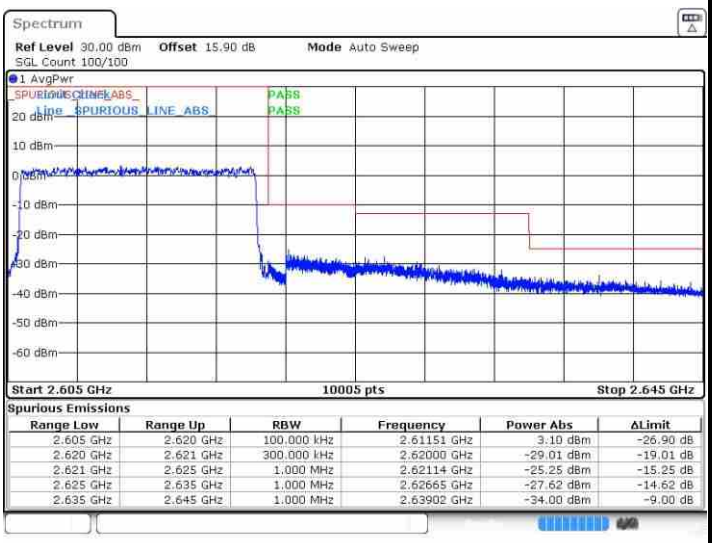


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55493 GHz	-39.28 dBm	-14.28 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56482 GHz	-33.52 dBm	-20.52 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56884 GHz	-30.73 dBm	-20.73 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-29.35 dBm	-19.35 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.58384 GHz	3.51 dBm	-26.49 dB

Date: 22.MAY.2019 18:53:48

Highest Band Edge / Full RB



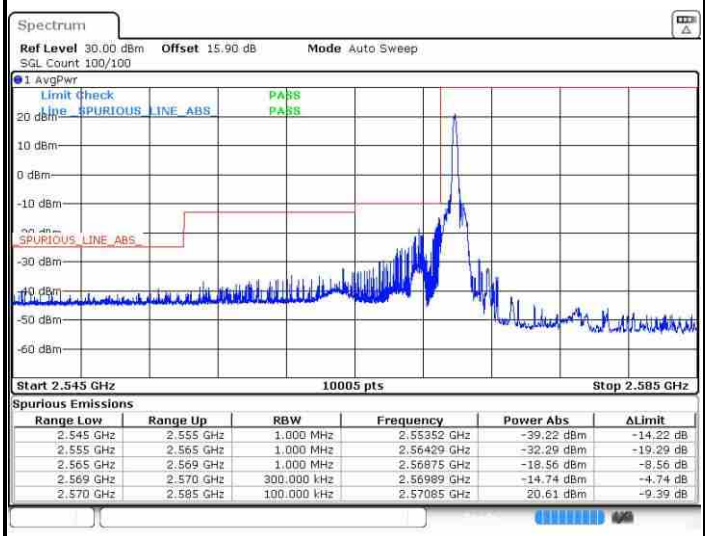
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61151 GHz	3.10 dBm	-26.90 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-29.01 dBm	-19.01 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62114 GHz	-25.25 dBm	-15.25 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62665 GHz	-27.62 dBm	-14.62 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63902 GHz	-34.00 dBm	-9.00 dB

Date: 22.MAY.2019 18:54:52

LTE Band 38 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

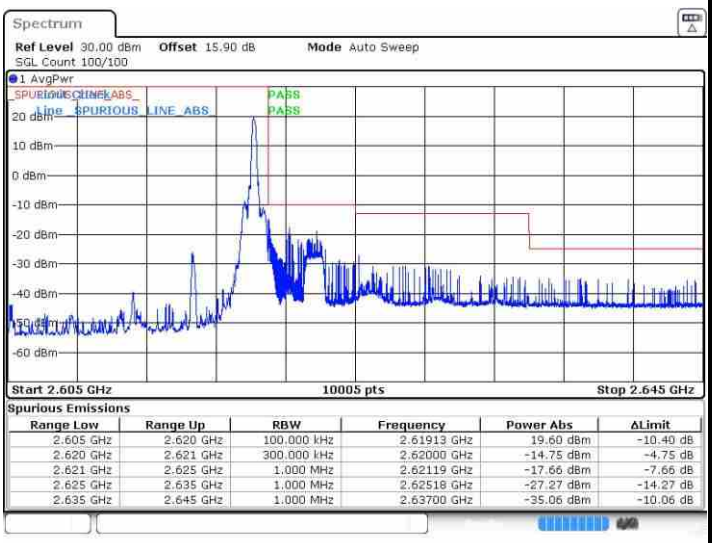


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55352 GHz	-39.22 dBm	-14.22 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56429 GHz	-32.29 dBm	-19.29 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56875 GHz	-18.56 dBm	-8.56 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56989 GHz	-14.74 dBm	-4.74 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57085 GHz	20.61 dBm	-9.39 dB

Date: 22.MAY.2019 18:53:16

Highest Band Edge / 1 RB

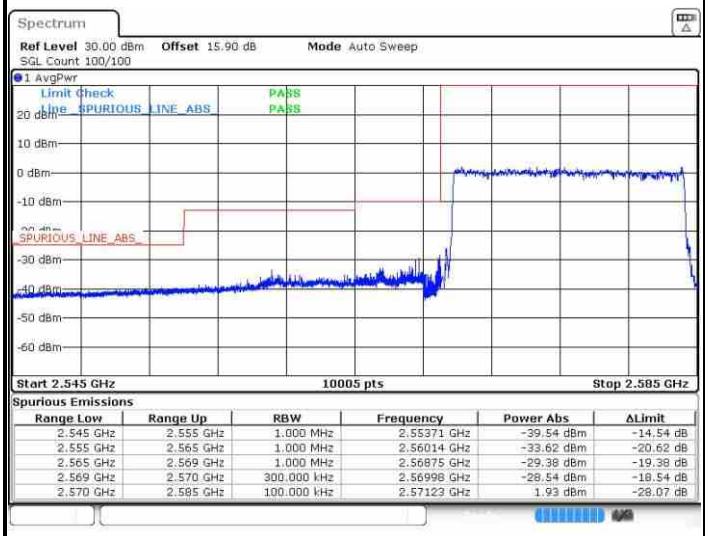


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61913 GHz	19.60 dBm	-10.40 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62000 GHz	-14.75 dBm	-4.75 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62119 GHz	-17.66 dBm	-7.66 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62518 GHz	-27.27 dBm	-14.27 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63700 GHz	-35.06 dBm	-10.06 dB

Date: 22.MAY.2019 20:45:03

Lowest Band Edge / Full RB

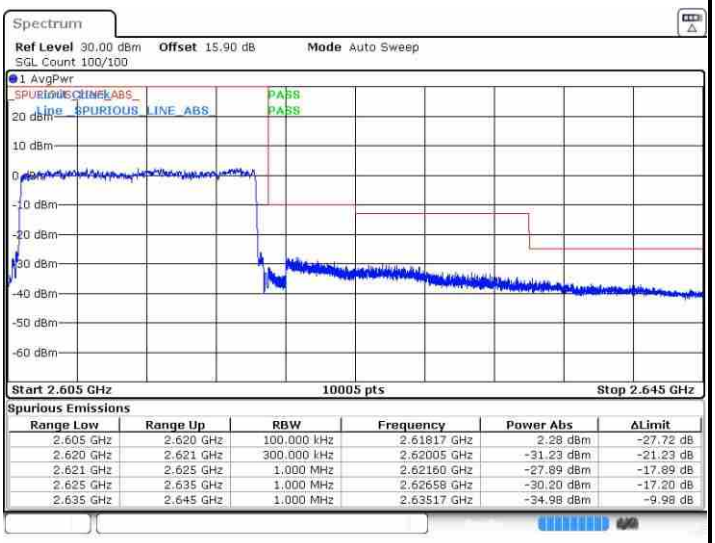


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55371 GHz	-39.54 dBm	-14.54 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56014 GHz	-33.62 dBm	-20.62 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56875 GHz	-29.38 dBm	-19.38 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56998 GHz	-28.54 dBm	-18.54 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57123 GHz	1.93 dBm	-28.07 dB

Date: 22.MAY.2019 18:54:20

Highest Band Edge / Full RB



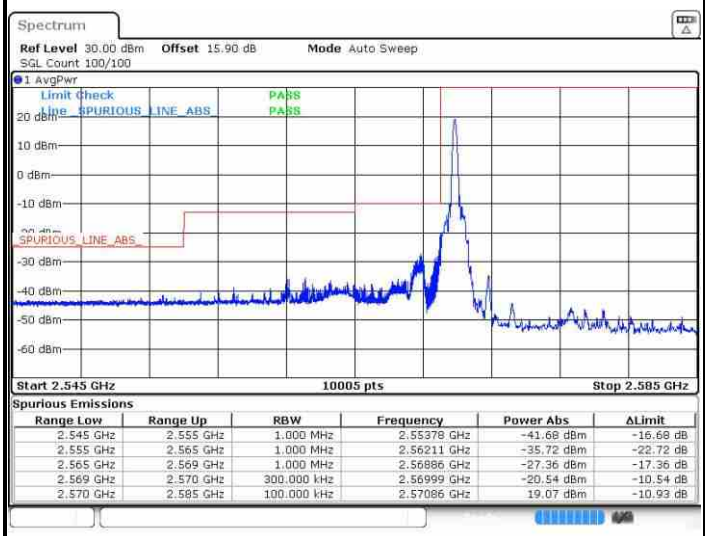
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61817 GHz	2.28 dBm	-27.72 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62005 GHz	-31.23 dBm	-21.23 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62160 GHz	-27.89 dBm	-17.89 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62658 GHz	-30.20 dBm	-17.20 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63517 GHz	-34.98 dBm	-9.98 dB

Date: 22.MAY.2019 18:55:23

LTE Band 38 / 15MHz / 64QAM

Lowest Band Edge / 1 RB

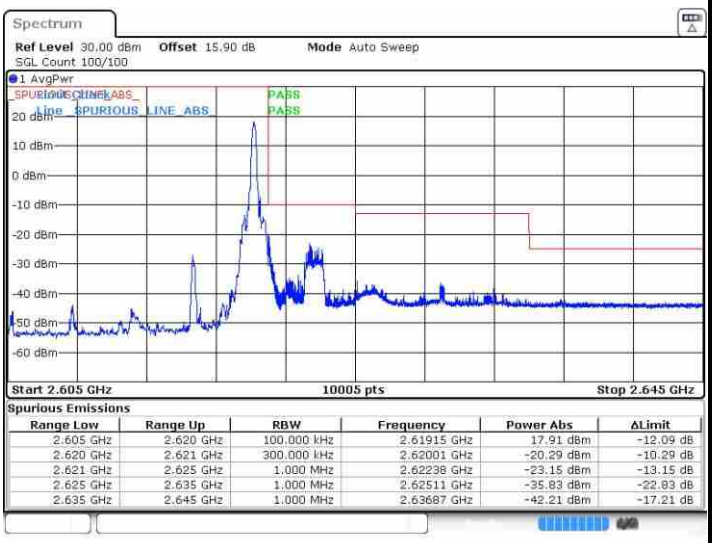


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55378 GHz	-41.68 dBm	-16.68 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56211 GHz	-35.72 dBm	-22.72 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56886 GHz	-27.36 dBm	-17.36 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56999 GHz	-20.54 dBm	-10.54 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.57086 GHz	19.07 dBm	-10.93 dB

Date: 22.MAY.2019 20:45:34

Highest Band Edge / 1 RB

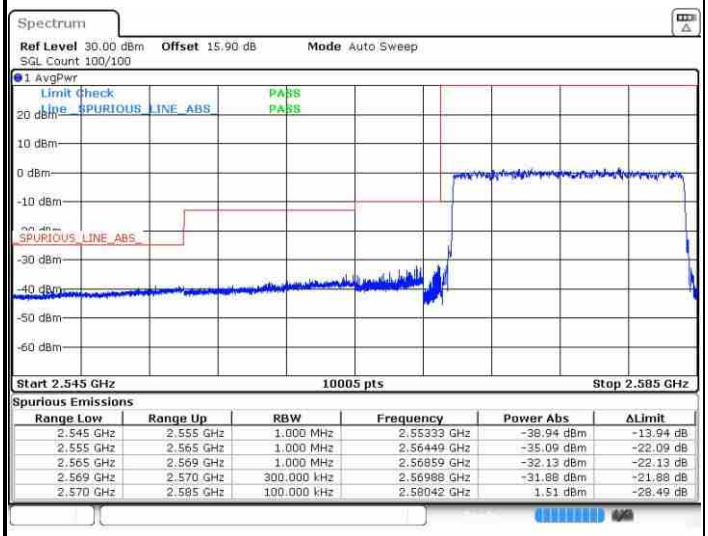


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61915 GHz	17.91 dBm	-12.09 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62001 GHz	-20.29 dBm	-10.29 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62238 GHz	-23.15 dBm	-13.15 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62511 GHz	-35.83 dBm	-22.83 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63687 GHz	-42.21 dBm	-17.21 dB

Date: 22.MAY.2019 20:47:10

Lowest Band Edge / Full RB

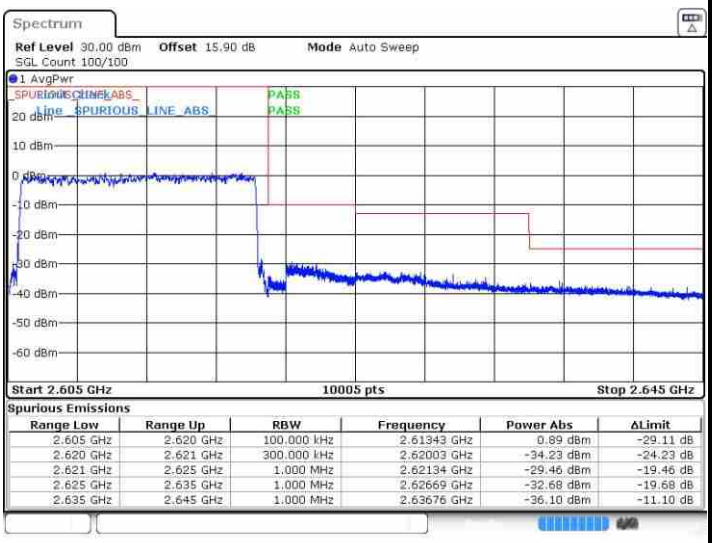


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.555 GHz	1.000 MHz	2.55333 GHz	-38.94 dBm	-13.94 dB
2.555 GHz	2.565 GHz	1.000 MHz	2.56449 GHz	-35.09 dBm	-22.09 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56859 GHz	-32.13 dBm	-22.13 dB
2.569 GHz	2.570 GHz	300.000 kHz	2.56988 GHz	-31.88 dBm	-21.88 dB
2.570 GHz	2.585 GHz	100.000 kHz	2.58042 GHz	1.51 dBm	-28.49 dB

Date: 22.MAY.2019 20:46:06

Highest Band Edge / Full RB



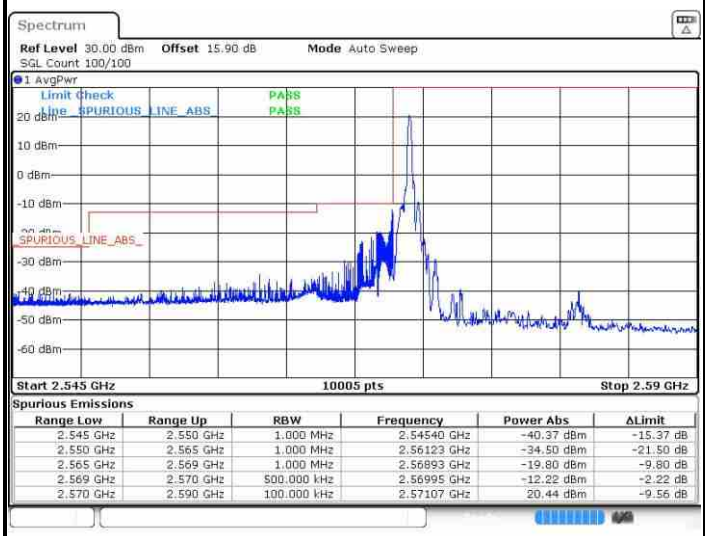
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.605 GHz	2.620 GHz	100.000 kHz	2.61343 GHz	0.89 dBm	-29.11 dB
2.620 GHz	2.621 GHz	300.000 kHz	2.62003 GHz	-34.23 dBm	-24.23 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62134 GHz	-29.46 dBm	-19.46 dB
2.625 GHz	2.635 GHz	1.000 MHz	2.62669 GHz	-32.68 dBm	-19.68 dB
2.635 GHz	2.645 GHz	1.000 MHz	2.63676 GHz	-36.10 dBm	-11.10 dB

Date: 22.MAY.2019 20:46:38

LTE Band 38 / 20MHz / QPSK

Lowest Band Edge / 1 RB

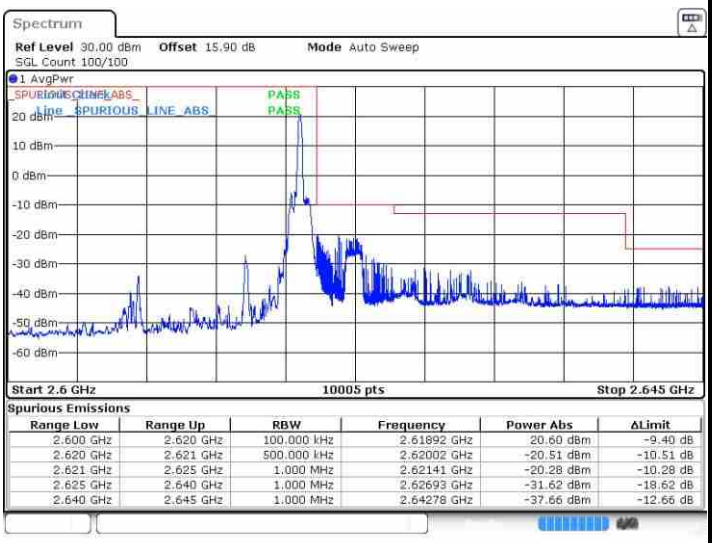


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54540 GHz	-40.37 dBm	-15.37 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56123 GHz	-34.50 dBm	-21.50 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56893 GHz	-19.80 dBm	-9.80 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56995 GHz	-12.22 dBm	-2.22 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57107 GHz	20.44 dBm	-9.56 dB

Date: 22.MAY.2019 20:47:43

Highest Band Edge / 1 RB

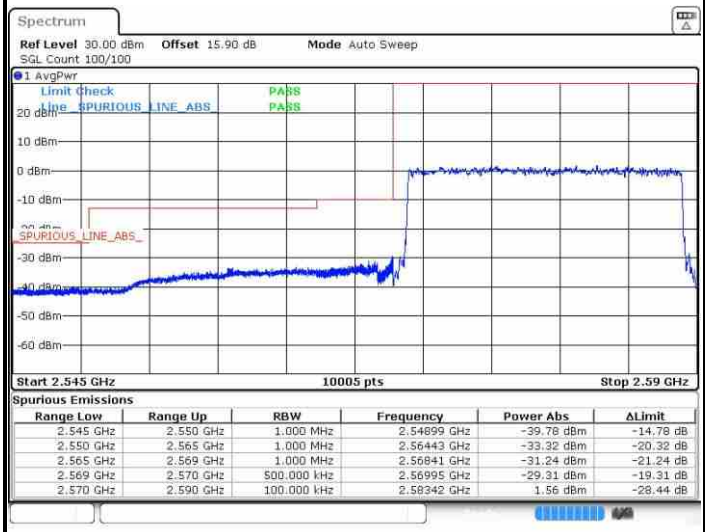


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61892 GHz	20.60 dBm	-9.40 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62002 GHz	-20.51 dBm	-10.51 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62141 GHz	-20.28 dBm	-10.28 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62693 GHz	-31.62 dBm	-18.62 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64278 GHz	-37.66 dBm	-12.66 dB

Date: 22.MAY.2019 20:50:53

Lowest Band Edge / Full RB

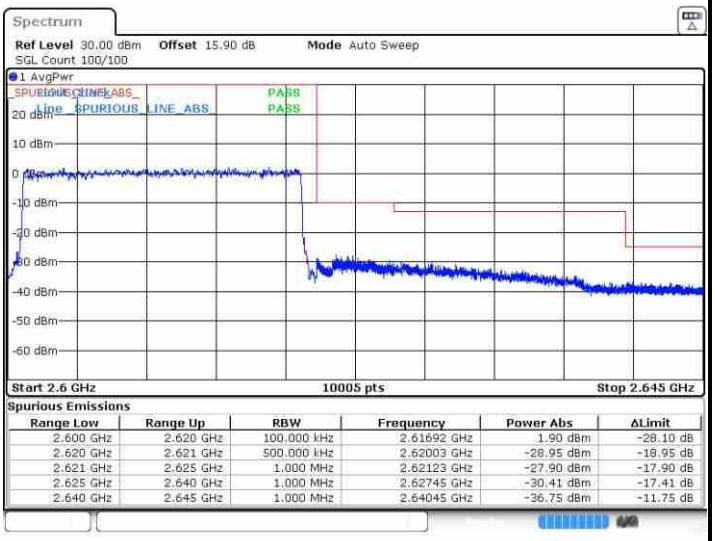


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54899 GHz	-39.78 dBm	-14.78 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56443 GHz	-33.32 dBm	-20.32 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56841 GHz	-31.24 dBm	-21.24 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56995 GHz	-29.31 dBm	-19.31 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.58342 GHz	1.56 dBm	-28.44 dB

Date: 22.MAY.2019 20:48:47

Highest Band Edge / Full RB



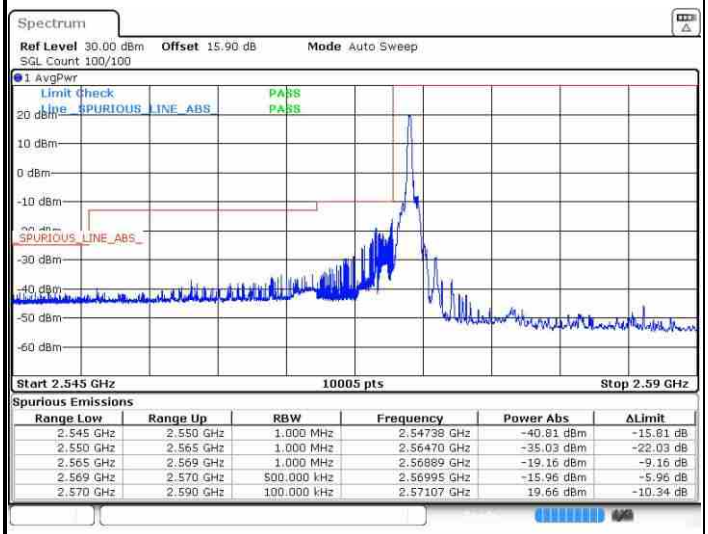
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61692 GHz	1.90 dBm	-28.10 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62003 GHz	-28.95 dBm	-18.95 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62123 GHz	-27.90 dBm	-17.90 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62745 GHz	-30.41 dBm	-17.41 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64045 GHz	-36.75 dBm	-11.75 dB

Date: 22.MAY.2019 20:49:50

LTE Band 38 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

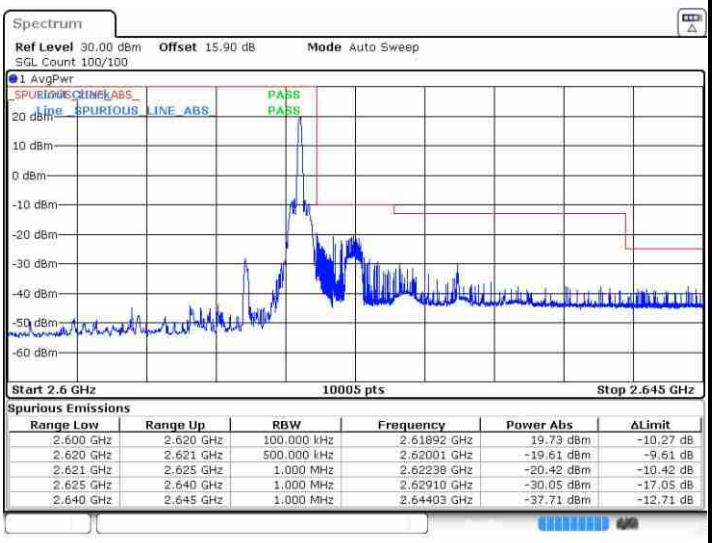


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54738 GHz	-40.81 dBm	-15.81 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56470 GHz	-35.03 dBm	-22.03 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56889 GHz	-19.16 dBm	-9.16 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56995 GHz	-15.96 dBm	-5.96 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57107 GHz	19.66 dBm	-10.34 dB

Date: 22.MAY.2019 20:48:15

Highest Band Edge / 1 RB

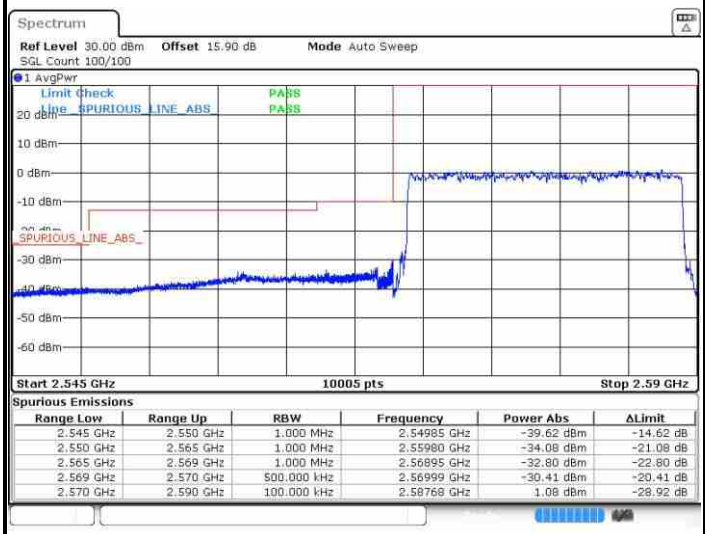


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61892 GHz	19.73 dBm	-10.27 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62001 GHz	-19.61 dBm	-9.61 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62238 GHz	-20.42 dBm	-10.42 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62910 GHz	-30.05 dBm	-17.05 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64403 GHz	-37.71 dBm	-12.71 dB

Date: 22.MAY.2019 20:51:25

Lowest Band Edge / Full RB

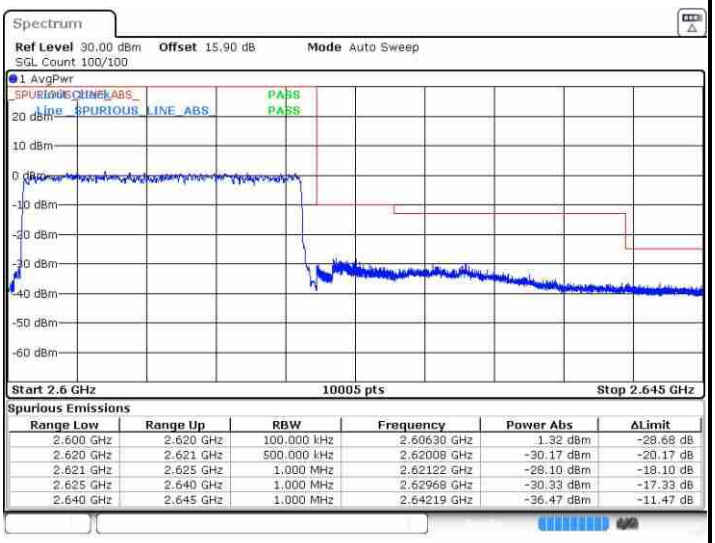


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54985 GHz	-39.62 dBm	-14.62 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55980 GHz	-34.08 dBm	-21.08 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56895 GHz	-32.80 dBm	-22.80 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56999 GHz	-30.41 dBm	-20.41 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.58768 GHz	1.08 dBm	-28.92 dB

Date: 22.MAY.2019 20:49:18

Highest Band Edge / Full RB



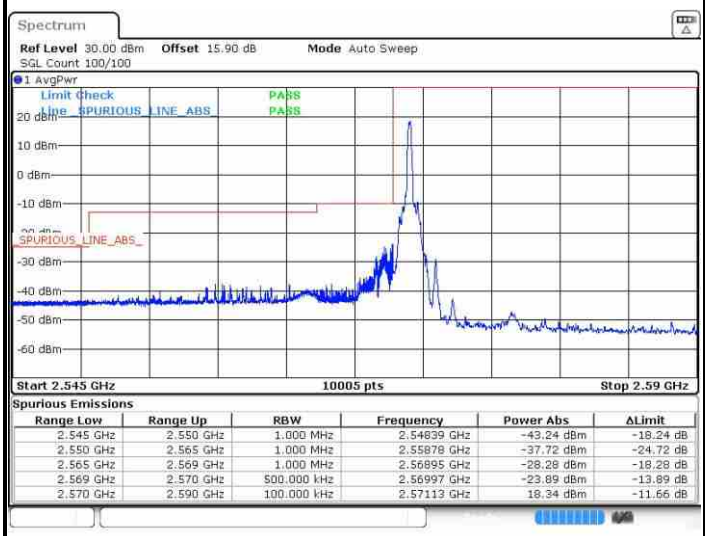
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60630 GHz	1.32 dBm	-28.68 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62008 GHz	-30.17 dBm	-20.17 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62122 GHz	-28.10 dBm	-18.10 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62968 GHz	-30.33 dBm	-17.33 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64219 GHz	-36.47 dBm	-11.47 dB

Date: 22.MAY.2019 20:50:22

LTE Band 38 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

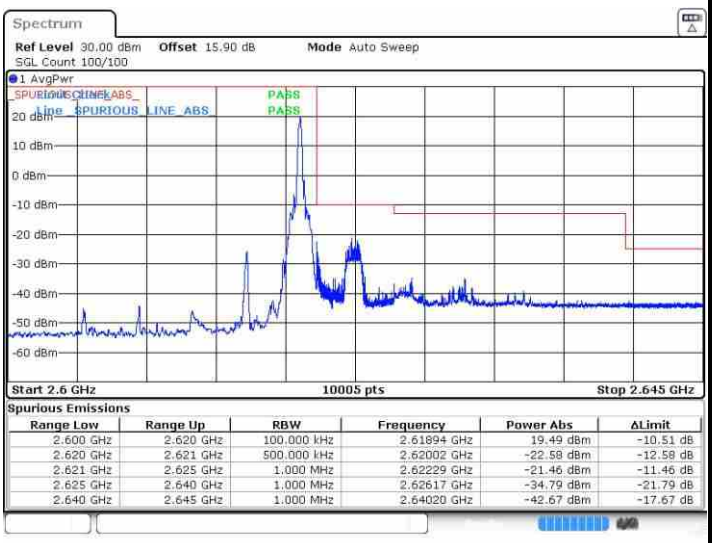


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54839 GHz	-43.24 dBm	-18.24 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.55878 GHz	-37.72 dBm	-24.72 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56895 GHz	-28.28 dBm	-18.28 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.56997 GHz	-23.89 dBm	-13.89 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57113 GHz	18.34 dBm	-11.66 dB

Date: 22.MAY.2019 20:51:57

Highest Band Edge / 1 RB

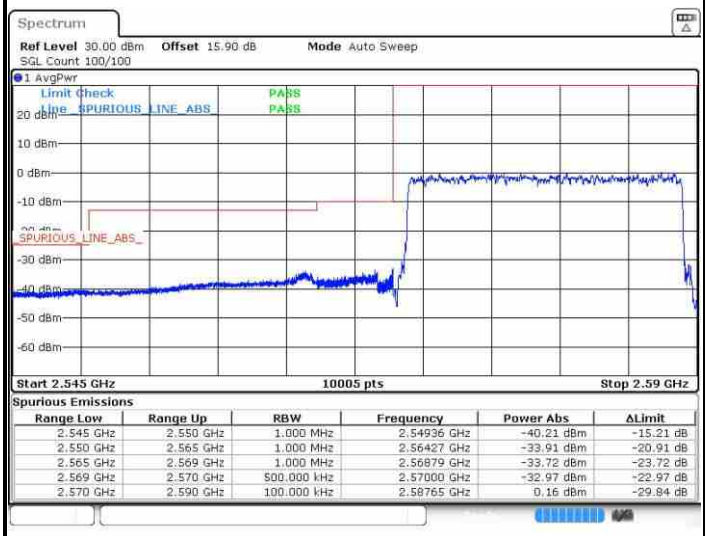


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61894 GHz	19.49 dBm	-10.51 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62002 GHz	-22.58 dBm	-12.58 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62229 GHz	-21.46 dBm	-11.46 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62617 GHz	-34.79 dBm	-21.79 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64020 GHz	-42.67 dBm	-17.67 dB

Date: 22.MAY.2019 20:53:32

Lowest Band Edge / Full RB

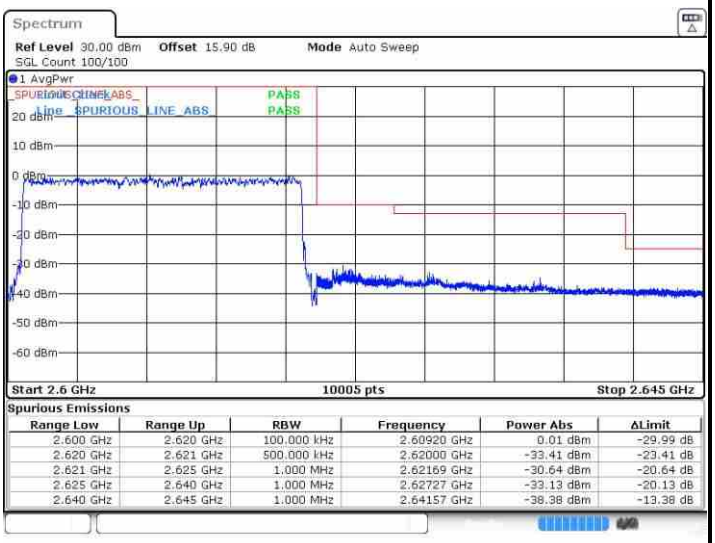


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.550 GHz	1.000 MHz	2.54936 GHz	-40.21 dBm	-15.21 dB
2.550 GHz	2.565 GHz	1.000 MHz	2.56427 GHz	-33.91 dBm	-20.91 dB
2.565 GHz	2.569 GHz	1.000 MHz	2.56879 GHz	-33.72 dBm	-23.72 dB
2.569 GHz	2.570 GHz	500.000 kHz	2.57000 GHz	-32.97 dBm	-22.97 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.58765 GHz	0.16 dBm	-29.84 dB

Date: 22.MAY.2019 20:52:29

Highest Band Edge / Full RB



Spurious Emissions

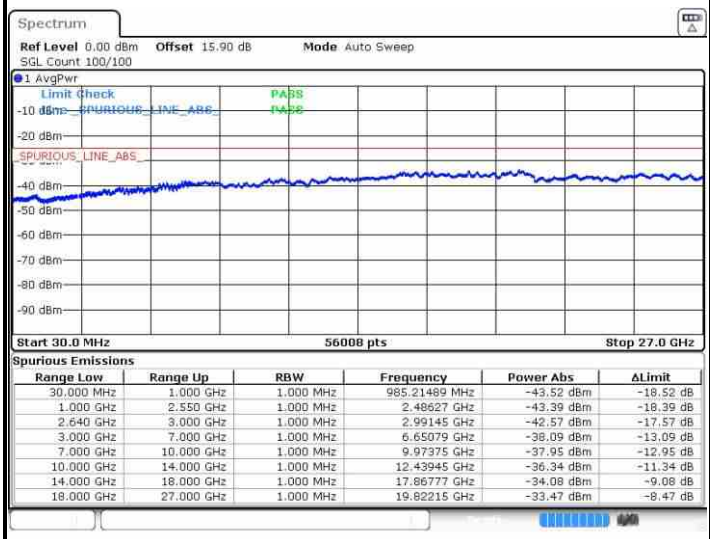
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60920 GHz	0.01 dBm	-29.99 dB
2.620 GHz	2.621 GHz	500.000 kHz	2.62000 GHz	-33.41 dBm	-23.41 dB
2.621 GHz	2.625 GHz	1.000 MHz	2.62169 GHz	-30.64 dBm	-20.64 dB
2.625 GHz	2.640 GHz	1.000 MHz	2.62727 GHz	-33.13 dBm	-20.13 dB
2.640 GHz	2.645 GHz	1.000 MHz	2.64157 GHz	-38.38 dBm	-13.38 dB

Date: 22.MAY.2019 20:53:00

Conducted Spurious Emission

LTE Band 38 / 5MHz

Lowest Channel / QPSK

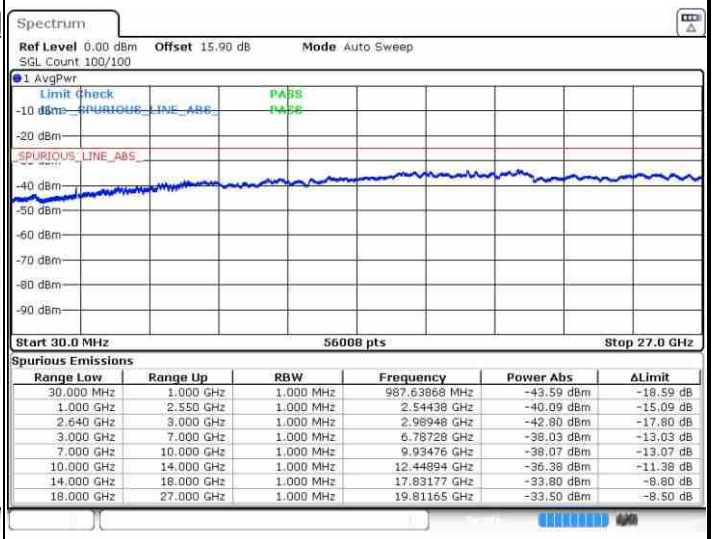


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-43.52 dBm	-18.52 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48627 GHz	-43.39 dBm	-18.39 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99145 GHz	-42.57 dBm	-17.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.65079 GHz	-38.09 dBm	-13.09 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97375 GHz	-37.95 dBm	-12.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43945 GHz	-36.34 dBm	-11.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86777 GHz	-34.08 dBm	-9.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.82215 GHz	-33.47 dBm	-8.47 dB

Date: 22.MAY.2019 20:56:37

Lowest Channel / 16QAM

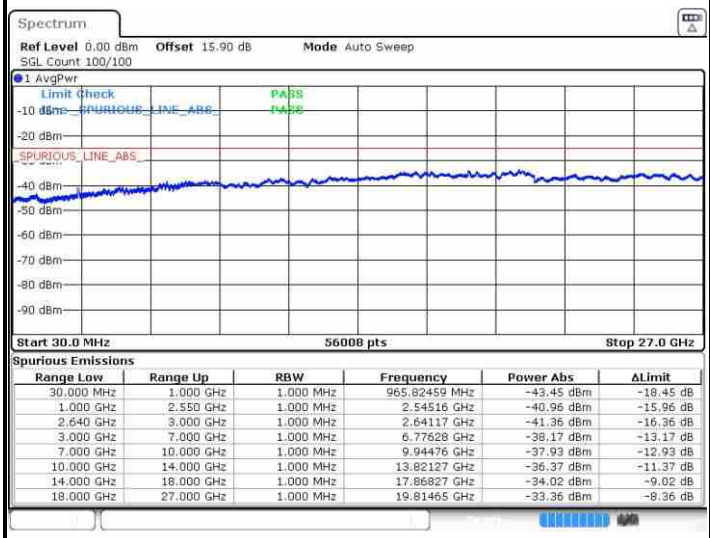


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-43.59 dBm	-18.59 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54438 GHz	-40.09 dBm	-15.09 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98948 GHz	-42.80 dBm	-17.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78728 GHz	-38.03 dBm	-13.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93476 GHz	-38.07 dBm	-13.07 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44894 GHz	-36.38 dBm	-11.38 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83177 GHz	-33.80 dBm	-8.80 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81165 GHz	-33.50 dBm	-8.50 dB

Date: 22.MAY.2019 20:57:23

Middle Channel / QPSK

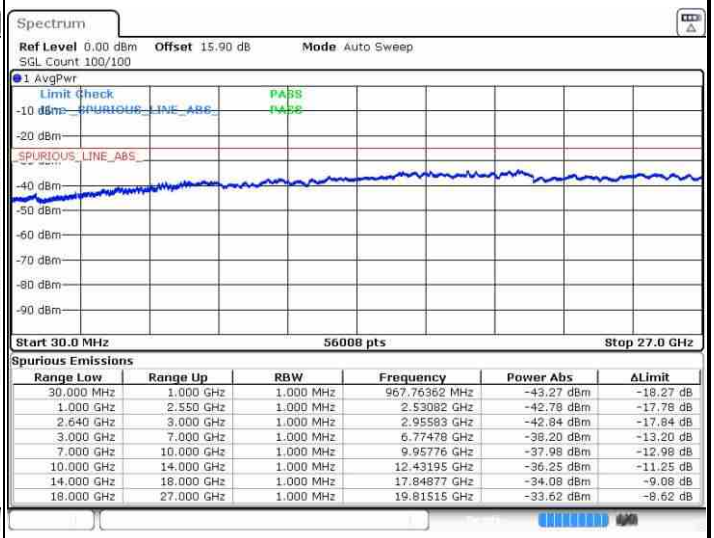


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-43.45 dBm	-18.45 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54516 GHz	-40.96 dBm	-15.96 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64117 GHz	-41.36 dBm	-16.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77628 GHz	-38.17 dBm	-13.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94476 GHz	-37.93 dBm	-12.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.82127 GHz	-36.37 dBm	-11.37 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86827 GHz	-34.02 dBm	-9.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81465 GHz	-33.36 dBm	-8.36 dB

Date: 22.MAY.2019 20:58:09

Middle Channel / 16QAM



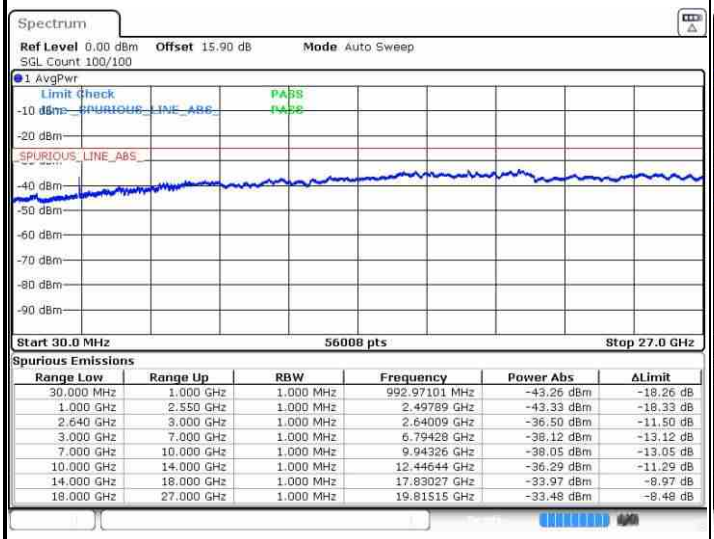
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-43.27 dBm	-18.27 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53082 GHz	-42.78 dBm	-17.78 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95583 GHz	-42.84 dBm	-17.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77478 GHz	-38.20 dBm	-13.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95776 GHz	-37.98 dBm	-12.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43195 GHz	-36.25 dBm	-11.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84877 GHz	-34.08 dBm	-9.08 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81515 GHz	-33.62 dBm	-8.62 dB

Date: 22.MAY.2019 20:58:54

LTE Band 38 / 5MHz

Highest Channel / QPSK

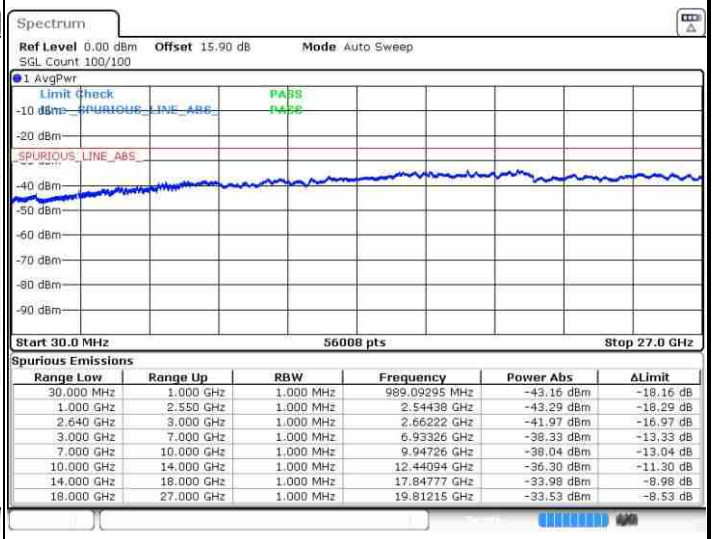


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-43.26 dBm	-18.26 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.49789 GHz	-43.33 dBm	-18.33 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64009 GHz	-36.50 dBm	-11.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79428 GHz	-38.12 dBm	-13.12 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94326 GHz	-38.05 dBm	-13.05 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44644 GHz	-36.29 dBm	-11.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83027 GHz	-33.97 dBm	-8.97 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81515 GHz	-33.48 dBm	-8.48 dB

Date: 22.MAY.2019 20:59:40

Highest Channel / 16QAM



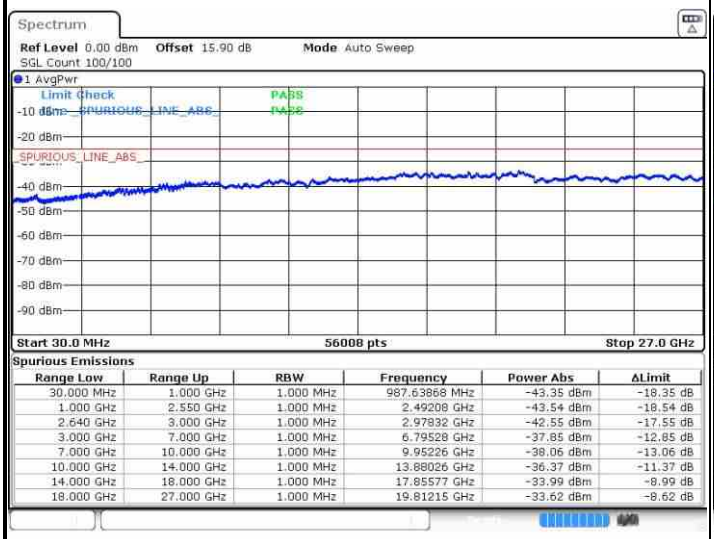
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-43.16 dBm	-18.16 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54438 GHz	-43.29 dBm	-18.29 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.66222 GHz	-41.97 dBm	-16.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93326 GHz	-38.33 dBm	-13.33 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94726 GHz	-38.04 dBm	-13.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44094 GHz	-36.30 dBm	-11.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84777 GHz	-33.98 dBm	-8.98 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81215 GHz	-33.53 dBm	-8.53 dB

Date: 22.MAY.2019 21:00:26

LTE Band 38 / 10MHz

Lowest Channel / QPSK

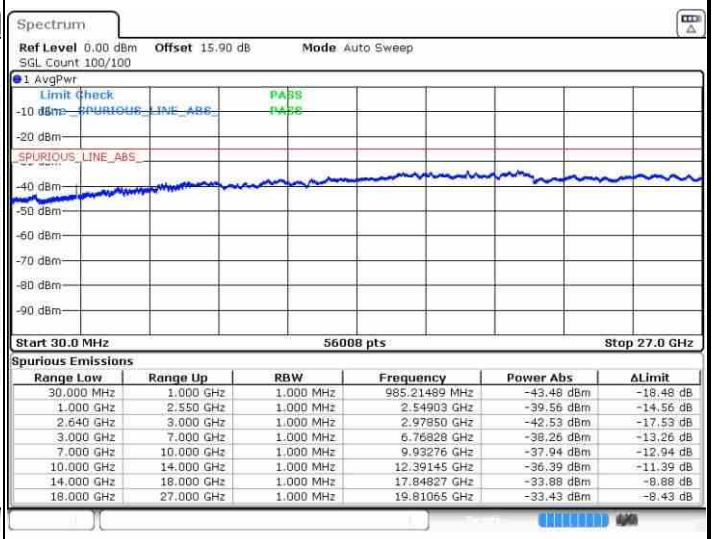


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-43.35 dBm	-18.35 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.49208 GHz	-43.54 dBm	-18.54 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97832 GHz	-42.55 dBm	-17.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79528 GHz	-37.85 dBm	-12.85 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95226 GHz	-38.06 dBm	-13.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88026 GHz	-36.37 dBm	-11.37 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85577 GHz	-33.99 dBm	-8.99 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81215 GHz	-33.62 dBm	-8.62 dB

Date: 22.MAY.2019 21:03:30

Lowest Channel / 16QAM



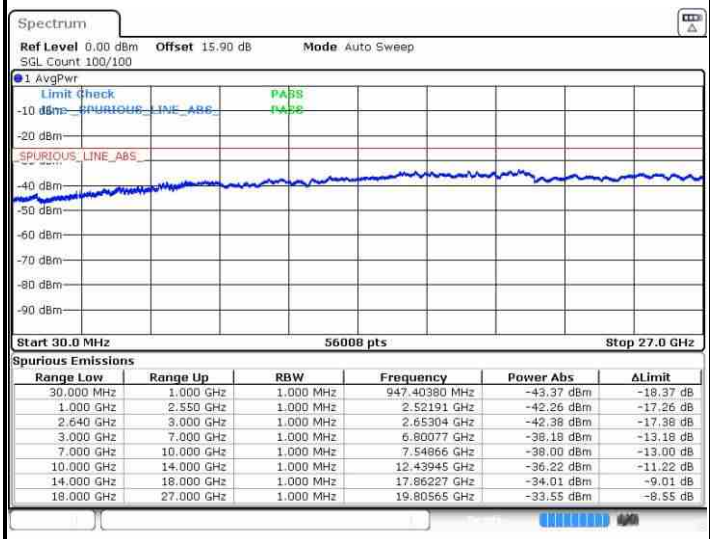
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-43.48 dBm	-18.48 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54903 GHz	-39.56 dBm	-14.56 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97850 GHz	-42.53 dBm	-17.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76828 GHz	-38.26 dBm	-13.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93276 GHz	-37.94 dBm	-12.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.39145 GHz	-36.39 dBm	-11.39 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84827 GHz	-33.88 dBm	-8.88 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81065 GHz	-33.43 dBm	-8.43 dB

Date: 22.MAY.2019 21:04:16

LTE Band 38 / 10MHz

Middle Channel / QPSK

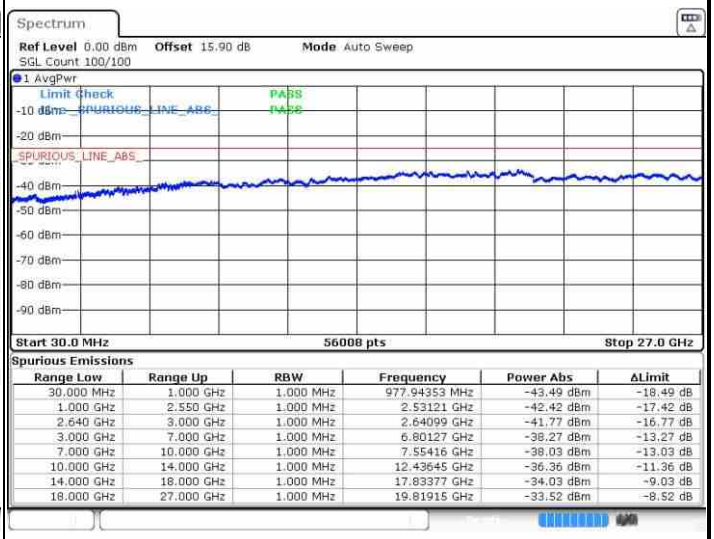


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-43.37 dBm	-18.37 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52191 GHz	-42.26 dBm	-17.26 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65304 GHz	-42.38 dBm	-17.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80077 GHz	-38.18 dBm	-13.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54866 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43945 GHz	-36.22 dBm	-11.22 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86227 GHz	-34.01 dBm	-9.01 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80565 GHz	-33.55 dBm	-8.55 dB

Date: 22.MAY.2019 21:05:02

Middle Channel / 16QAM

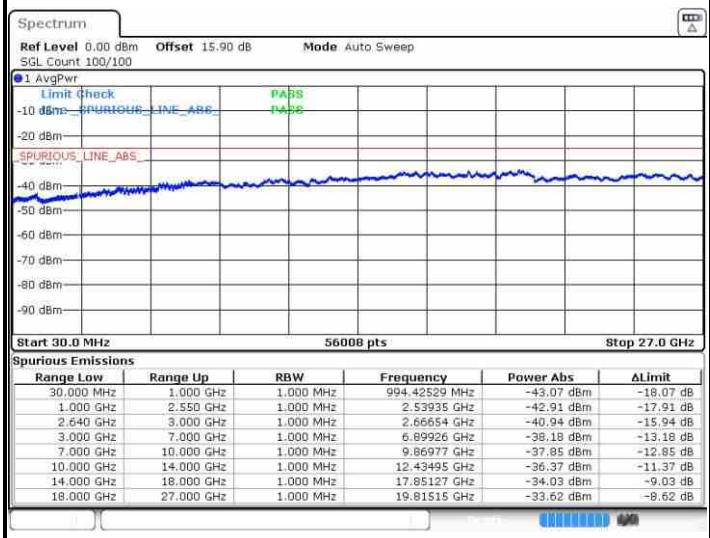


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.94353 MHz	-43.49 dBm	-18.49 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53121 GHz	-42.42 dBm	-17.42 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64099 GHz	-41.77 dBm	-16.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80127 GHz	-38.27 dBm	-13.27 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.55416 GHz	-38.03 dBm	-13.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43645 GHz	-36.36 dBm	-11.36 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83377 GHz	-34.03 dBm	-9.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81915 GHz	-33.52 dBm	-8.52 dB

Date: 22.MAY.2019 21:05:47

Highest Channel / QPSK

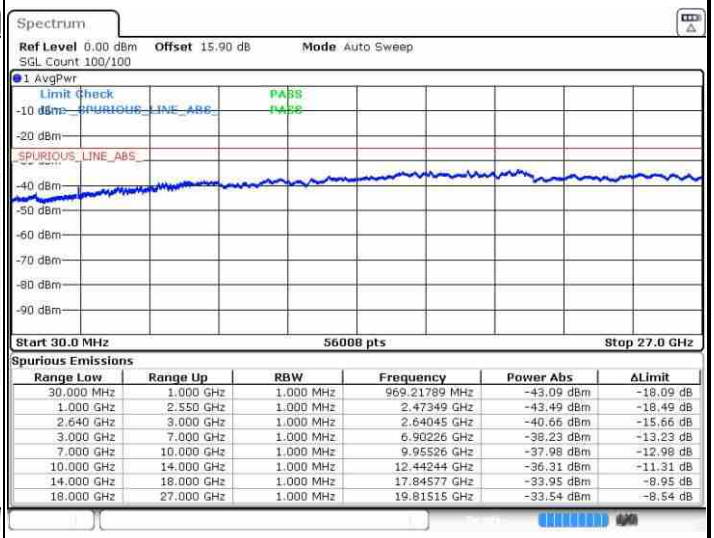


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-43.07 dBm	-18.07 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53935 GHz	-42.91 dBm	-17.91 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.66654 GHz	-40.94 dBm	-15.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89926 GHz	-38.18 dBm	-13.18 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.86977 GHz	-37.85 dBm	-12.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43495 GHz	-36.37 dBm	-11.37 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85127 GHz	-34.03 dBm	-9.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81515 GHz	-33.62 dBm	-8.62 dB

Date: 22.MAY.2019 21:06:33

Highest Channel / 16QAM



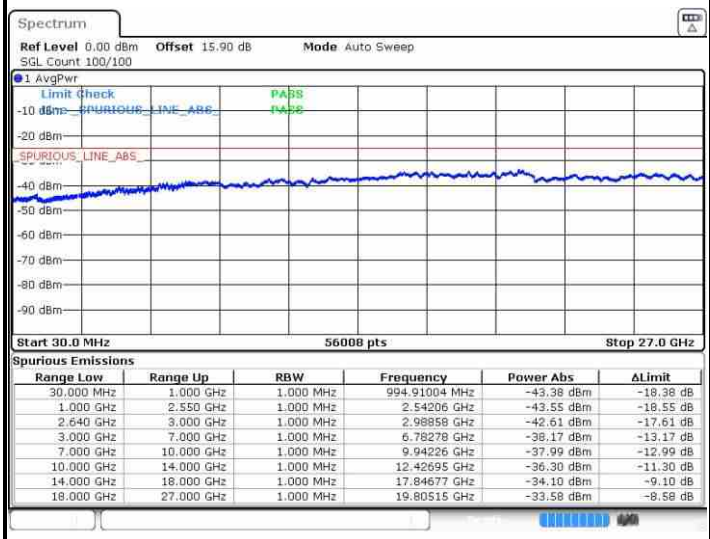
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.21789 MHz	-43.09 dBm	-18.09 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.47349 GHz	-43.49 dBm	-18.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64045 GHz	-40.66 dBm	-15.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90226 GHz	-38.23 dBm	-13.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95526 GHz	-37.98 dBm	-12.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44244 GHz	-36.31 dBm	-11.31 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84577 GHz	-33.95 dBm	-8.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81515 GHz	-33.54 dBm	-8.54 dB

Date: 22.MAY.2019 21:07:19

LTE Band 38 / 15MHz

Lowest Channel / QPSK

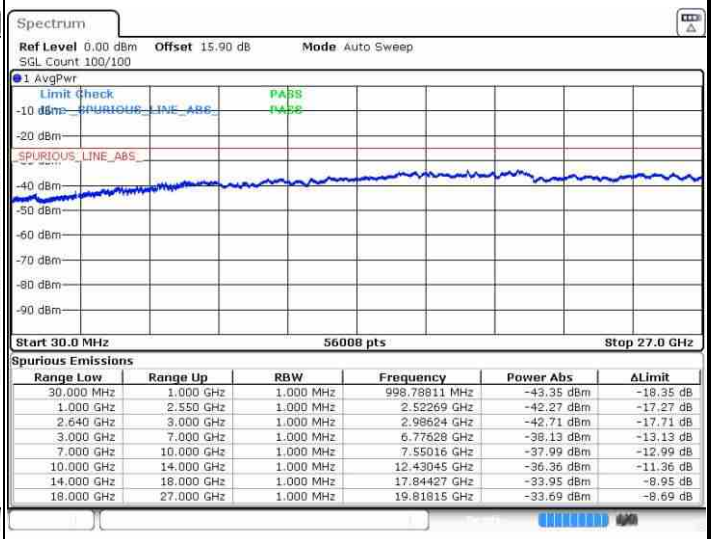


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-43.38 dBm	-18.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54206 GHz	-43.55 dBm	-18.55 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98858 GHz	-42.61 dBm	-17.61 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78278 GHz	-38.17 dBm	-13.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94226 GHz	-37.99 dBm	-12.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42695 GHz	-36.30 dBm	-11.30 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84677 GHz	-34.10 dBm	-9.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80515 GHz	-33.58 dBm	-8.58 dB

Date: 22.MAY.2019 21:08:06

Lowest Channel / 16QAM

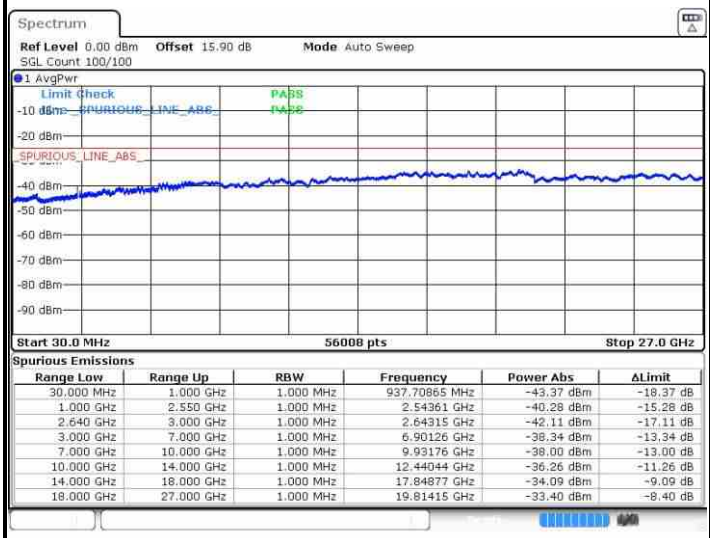


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-43.35 dBm	-18.35 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52269 GHz	-42.27 dBm	-17.27 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98624 GHz	-42.71 dBm	-17.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77628 GHz	-38.13 dBm	-13.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.55016 GHz	-37.99 dBm	-12.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43045 GHz	-36.36 dBm	-11.36 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84427 GHz	-33.95 dBm	-8.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81815 GHz	-33.69 dBm	-8.69 dB

Date: 22.MAY.2019 21:08:52

Middle Channel / QPSK

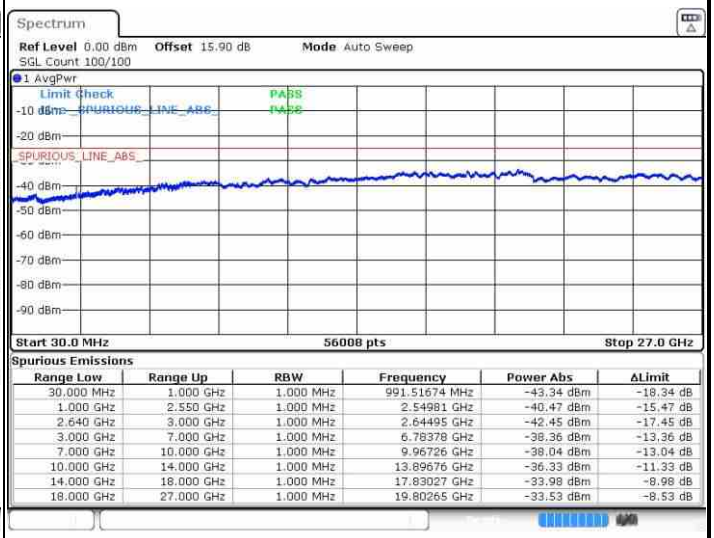


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	937.70865 MHz	-43.37 dBm	-18.37 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54361 GHz	-40.28 dBm	-15.28 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64315 GHz	-42.11 dBm	-17.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90126 GHz	-38.34 dBm	-13.34 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93176 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44044 GHz	-36.26 dBm	-11.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84877 GHz	-34.09 dBm	-9.09 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81415 GHz	-33.40 dBm	-8.40 dB

Date: 22.MAY.2019 21:09:38

Middle Channel / 16QAM



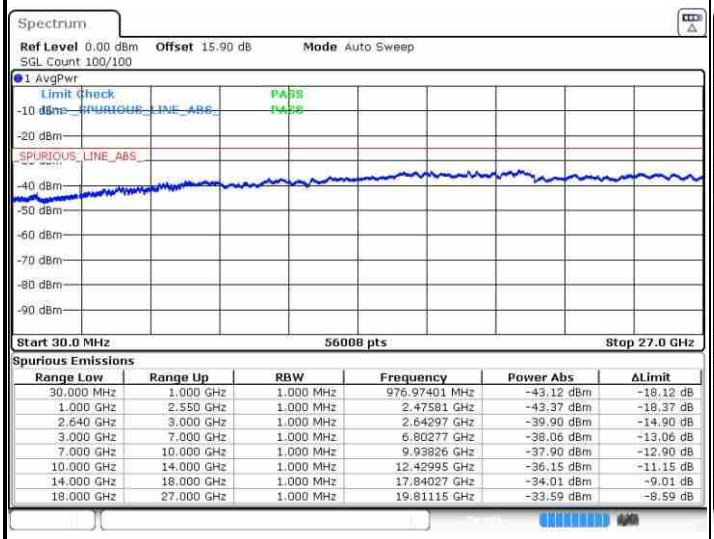
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-43.34 dBm	-18.34 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54981 GHz	-40.47 dBm	-15.47 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64495 GHz	-42.45 dBm	-17.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78378 GHz	-38.36 dBm	-13.36 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96726 GHz	-38.04 dBm	-13.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89676 GHz	-36.33 dBm	-11.33 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83027 GHz	-33.98 dBm	-8.98 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80265 GHz	-33.53 dBm	-8.53 dB

Date: 22.MAY.2019 21:10:23

LTE Band 38 / 15MHz

Highest Channel / QPSK

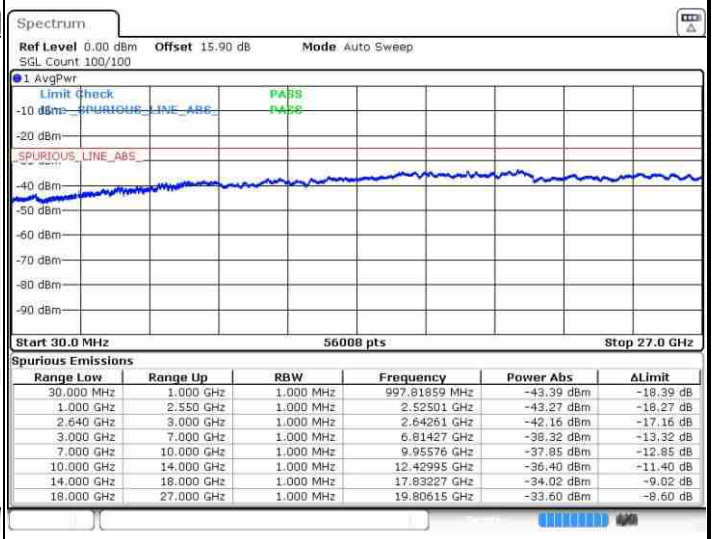


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-43.12 dBm	-18.12 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.47581 GHz	-43.37 dBm	-18.37 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64297 GHz	-39.90 dBm	-14.90 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80277 GHz	-38.06 dBm	-13.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93826 GHz	-37.90 dBm	-12.90 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42995 GHz	-36.15 dBm	-11.15 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84027 GHz	-34.01 dBm	-9.01 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81115 GHz	-33.59 dBm	-8.59 dB

Date: 22.MAY.2019 21:11:09

Highest Channel / 16QAM



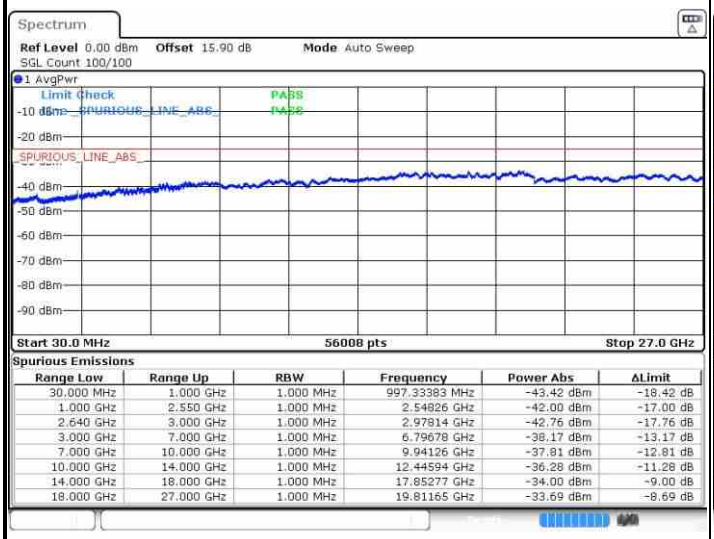
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.81859 MHz	-43.39 dBm	-18.39 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52501 GHz	-43.27 dBm	-18.27 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64261 GHz	-42.16 dBm	-17.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81427 GHz	-38.32 dBm	-13.32 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95576 GHz	-37.85 dBm	-12.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42995 GHz	-36.40 dBm	-11.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83227 GHz	-34.02 dBm	-9.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80615 GHz	-33.60 dBm	-8.60 dB

Date: 22.MAY.2019 21:11:55

LTE Band 38 / 20MHz

Lowest Channel / QPSK

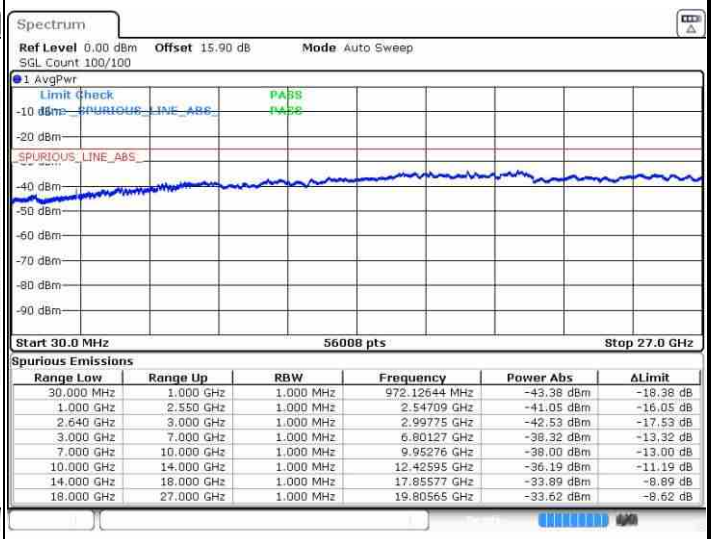


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	997.33383 MHz	-43.42 dBm	-18.42 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54826 GHz	-42.00 dBm	-17.00 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97814 GHz	-42.76 dBm	-17.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79678 GHz	-38.17 dBm	-13.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94126 GHz	-37.81 dBm	-12.81 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44594 GHz	-36.28 dBm	-11.28 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85277 GHz	-34.00 dBm	-9.00 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81165 GHz	-33.69 dBm	-8.69 dB

Date: 22.MAY.2019 21:14:59

Lowest Channel / 16QAM



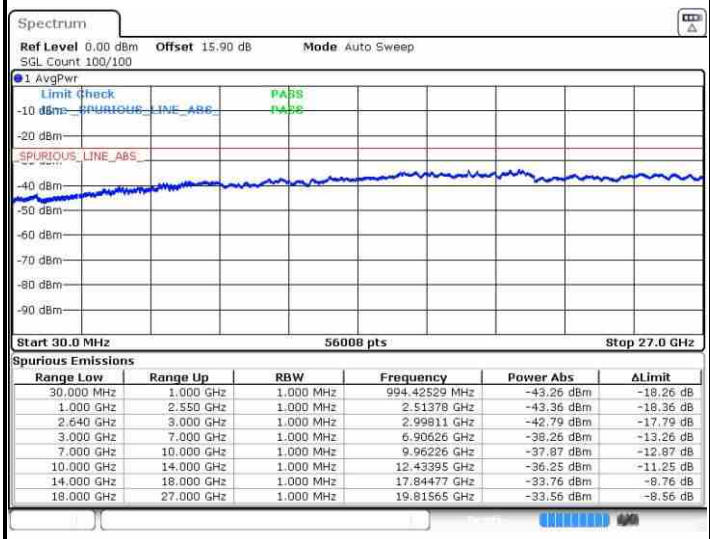
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	972.12644 MHz	-43.38 dBm	-18.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54709 GHz	-41.05 dBm	-16.05 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99775 GHz	-42.53 dBm	-17.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80127 GHz	-38.32 dBm	-13.32 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95276 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42595 GHz	-36.19 dBm	-11.19 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85577 GHz	-33.89 dBm	-8.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80565 GHz	-33.62 dBm	-8.62 dB

Date: 22.MAY.2019 21:15:45

LTE Band 38 / 20MHz

Middle Channel / QPSK

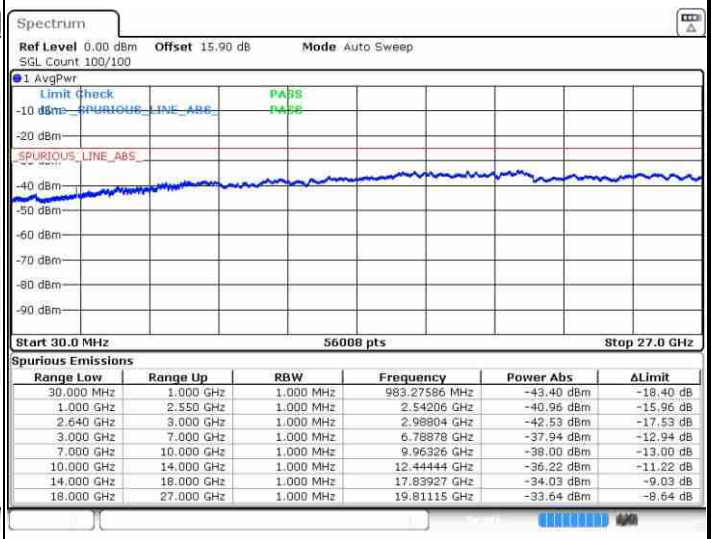


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-43.26 dBm	-18.26 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.51378 GHz	-43.36 dBm	-18.36 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99811 GHz	-42.79 dBm	-17.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90626 GHz	-38.26 dBm	-13.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96226 GHz	-37.87 dBm	-12.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43395 GHz	-36.25 dBm	-11.25 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84477 GHz	-33.76 dBm	-8.76 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81565 GHz	-33.56 dBm	-8.56 dB

Date: 22.MAY.2019 21:16:31

Middle Channel / 16QAM

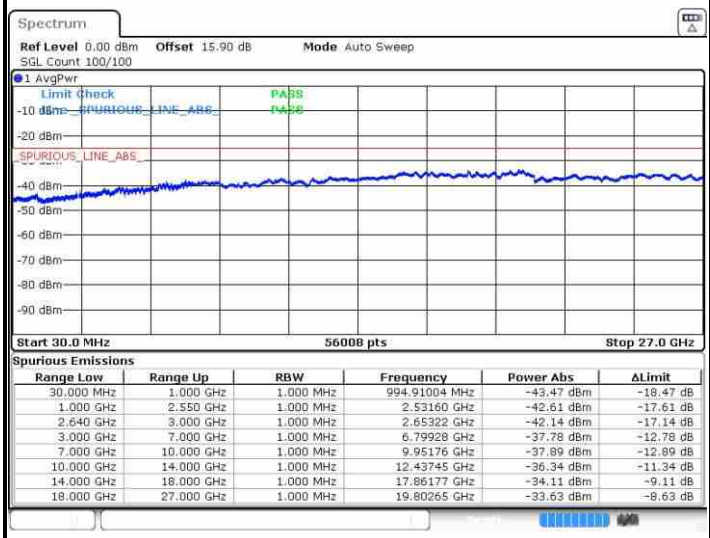


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.27586 MHz	-43.40 dBm	-18.40 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54206 GHz	-40.96 dBm	-15.96 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98804 GHz	-42.53 dBm	-17.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78878 GHz	-37.94 dBm	-12.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96326 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44444 GHz	-36.22 dBm	-11.22 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83927 GHz	-34.03 dBm	-9.03 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81115 GHz	-33.64 dBm	-8.64 dB

Date: 22.MAY.2019 21:17:16

Highest Channel / QPSK

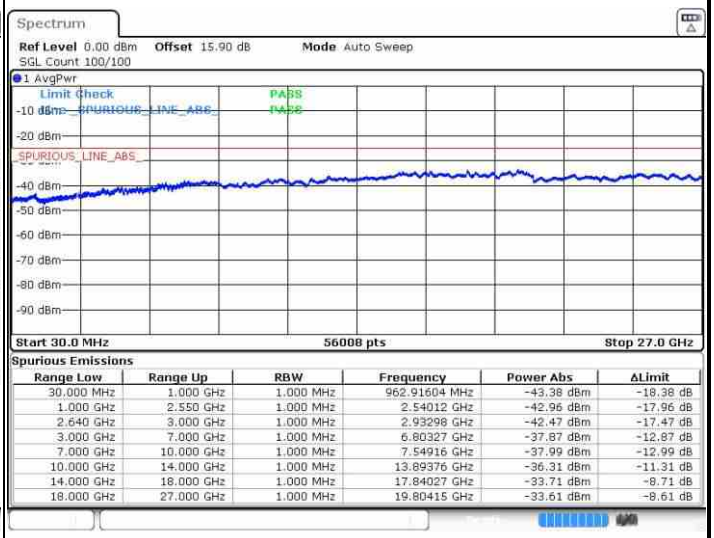


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.91004 MHz	-43.47 dBm	-18.47 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.53160 GHz	-42.61 dBm	-17.61 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.65322 GHz	-42.14 dBm	-17.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79928 GHz	-37.78 dBm	-12.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95176 GHz	-37.89 dBm	-12.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43745 GHz	-36.34 dBm	-11.34 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86177 GHz	-34.11 dBm	-9.11 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80265 GHz	-33.63 dBm	-8.63 dB

Date: 22.MAY.2019 21:18:02

Highest Channel / 16QAM



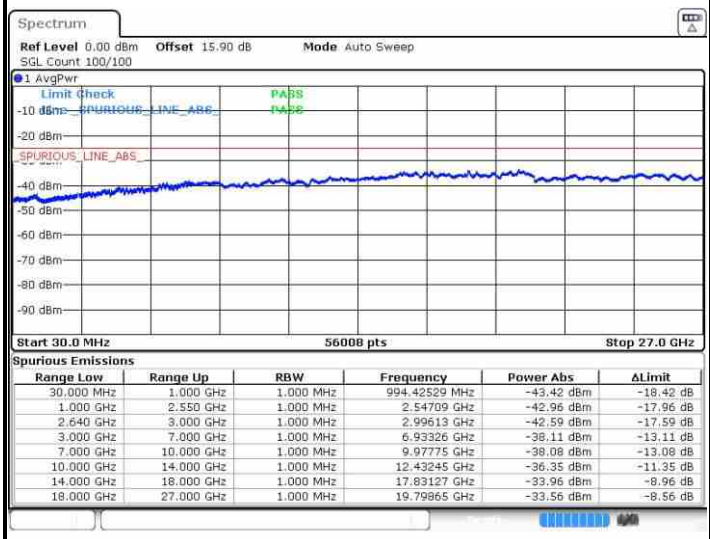
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	962.91604 MHz	-43.38 dBm	-18.38 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54012 GHz	-42.96 dBm	-17.96 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.93298 GHz	-42.47 dBm	-17.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80327 GHz	-37.87 dBm	-12.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.54916 GHz	-37.99 dBm	-12.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89376 GHz	-36.31 dBm	-11.31 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84027 GHz	-33.71 dBm	-8.71 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80415 GHz	-33.61 dBm	-8.61 dB

Date: 22.MAY.2019 21:18:48

LTE Band 38 / 5MHz

Lowest Channel / 64QAM

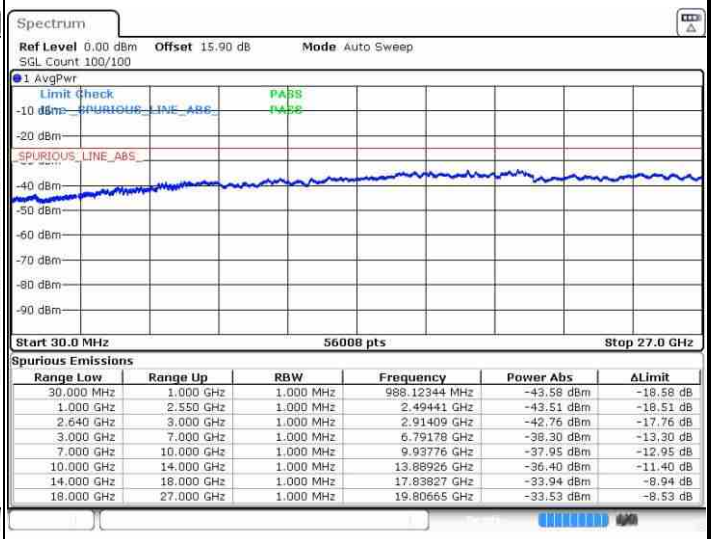


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-43.42 dBm	-18.42 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54709 GHz	-42.96 dBm	-17.96 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99613 GHz	-42.59 dBm	-17.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93326 GHz	-38.11 dBm	-13.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97775 GHz	-38.08 dBm	-13.08 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43245 GHz	-36.35 dBm	-11.35 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83127 GHz	-33.96 dBm	-8.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.79865 GHz	-33.56 dBm	-8.56 dB

Date: 22.MAY.2019 20:54:20

Middle Channel / 64QAM

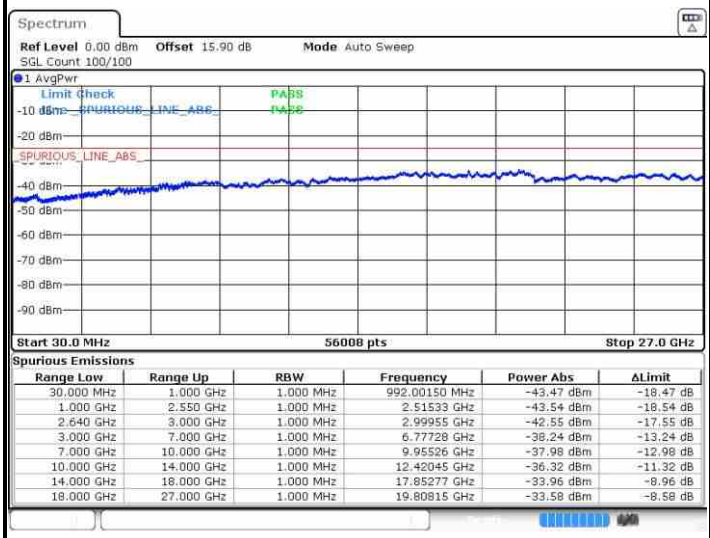


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.12344 MHz	-43.58 dBm	-18.58 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.49441 GHz	-43.51 dBm	-18.51 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.91409 GHz	-42.76 dBm	-17.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79178 GHz	-38.30 dBm	-13.30 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.93776 GHz	-37.95 dBm	-12.95 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88926 GHz	-36.40 dBm	-11.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83827 GHz	-33.94 dBm	-8.94 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80665 GHz	-33.53 dBm	-8.53 dB

Date: 22.MAY.2019 20:55:05

Highest Channel / 64QAM



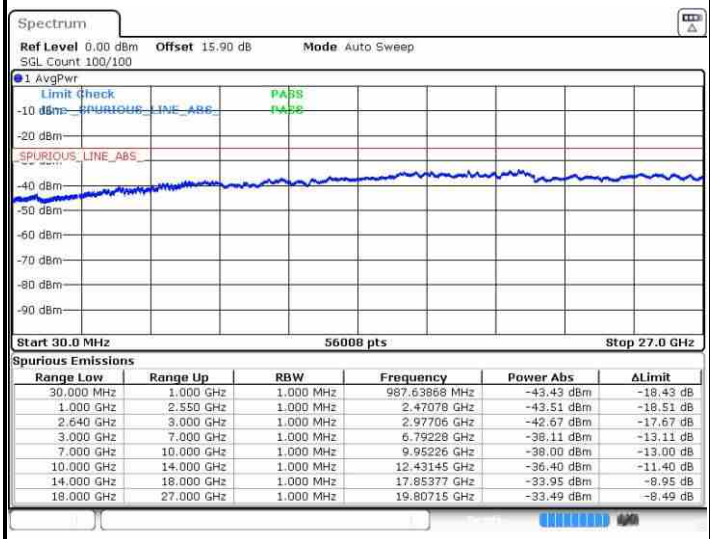
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.00150 MHz	-43.47 dBm	-18.47 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.51533 GHz	-43.54 dBm	-18.54 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99955 GHz	-42.55 dBm	-17.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.77728 GHz	-38.24 dBm	-13.24 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95526 GHz	-37.98 dBm	-12.98 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42045 GHz	-36.32 dBm	-11.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85277 GHz	-33.96 dBm	-8.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80815 GHz	-33.58 dBm	-8.58 dB

Date: 22.MAY.2019 20:55:51

LTE Band 38 / 10MHz

Lowest Channel / 64QAM

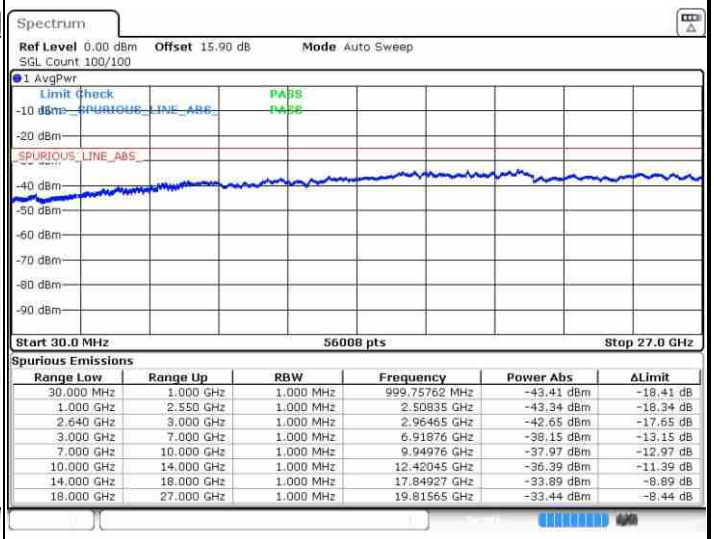


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.63868 MHz	-43.43 dBm	-18.43 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.47078 GHz	-43.51 dBm	-18.51 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.97706 GHz	-42.67 dBm	-17.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79228 GHz	-38.11 dBm	-13.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95226 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43145 GHz	-36.40 dBm	-11.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85377 GHz	-33.95 dBm	-8.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80715 GHz	-33.49 dBm	-8.49 dB

Date: 22.MAY.2019 21:01:13

Middle Channel / 64QAM

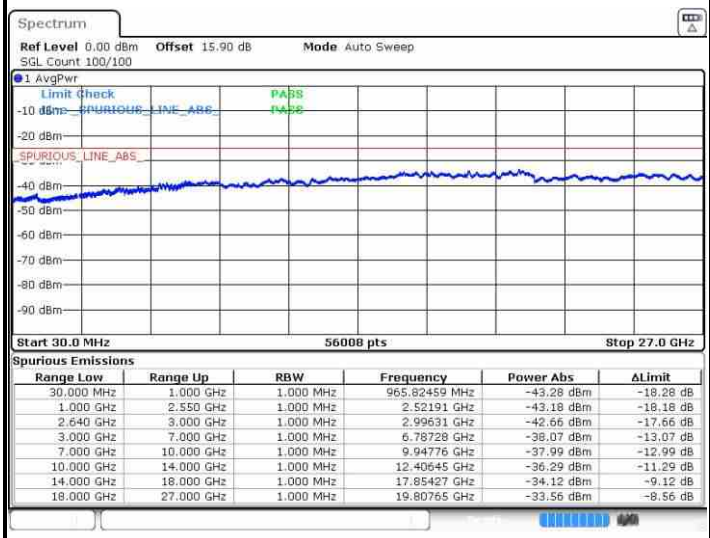


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.75762 MHz	-43.41 dBm	-18.41 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50835 GHz	-43.34 dBm	-18.34 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.96465 GHz	-42.65 dBm	-17.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91876 GHz	-38.15 dBm	-13.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94976 GHz	-37.97 dBm	-12.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42045 GHz	-36.39 dBm	-11.39 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84927 GHz	-33.89 dBm	-8.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81565 GHz	-33.44 dBm	-8.44 dB

Date: 22.MAY.2019 21:01:59

Highest Channel / 64QAM



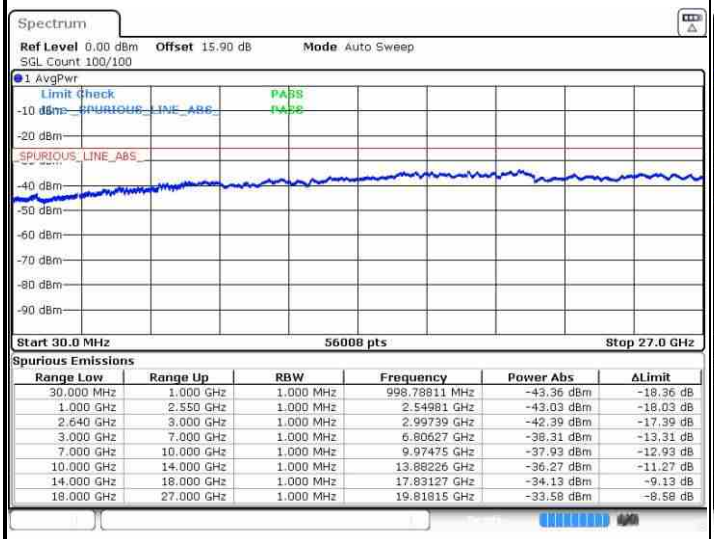
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.82459 MHz	-43.28 dBm	-18.28 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52191 GHz	-43.18 dBm	-18.18 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99631 GHz	-42.66 dBm	-17.66 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78728 GHz	-38.07 dBm	-13.07 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94776 GHz	-37.99 dBm	-12.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40645 GHz	-36.29 dBm	-11.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.85427 GHz	-34.12 dBm	-9.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80765 GHz	-33.56 dBm	-8.56 dB

Date: 22.MAY.2019 21:02:44

LTE Band 38 / 15MHz

Lowest Channel / 64QAM

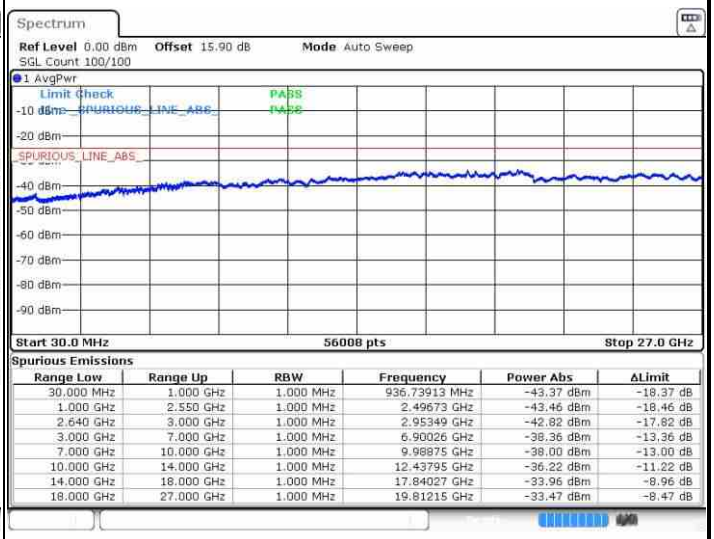


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.78811 MHz	-43.36 dBm	-18.36 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54981 GHz	-43.03 dBm	-18.03 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99739 GHz	-42.39 dBm	-17.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.80627 GHz	-38.31 dBm	-13.31 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97475 GHz	-37.93 dBm	-12.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88226 GHz	-36.27 dBm	-11.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.83127 GHz	-34.13 dBm	-9.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81815 GHz	-33.58 dBm	-8.58 dB

Date: 22.MAY.2019 21:12:41

Middle Channel / 64QAM

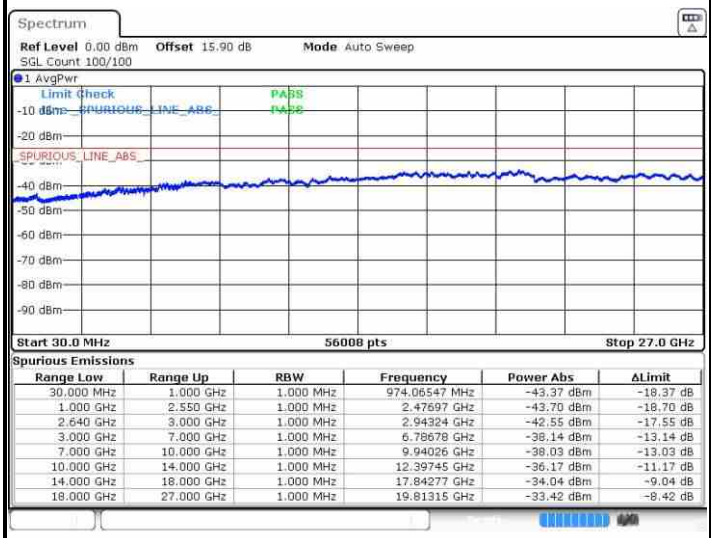


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.73913 MHz	-43.37 dBm	-18.37 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.49673 GHz	-43.46 dBm	-18.46 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.95349 GHz	-42.82 dBm	-17.82 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90026 GHz	-38.36 dBm	-13.36 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98875 GHz	-38.00 dBm	-13.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.43795 GHz	-36.22 dBm	-11.22 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84027 GHz	-33.96 dBm	-8.96 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81215 GHz	-33.47 dBm	-8.47 dB

Date: 22.MAY.2019 21:13:26

Highest Channel / 64QAM



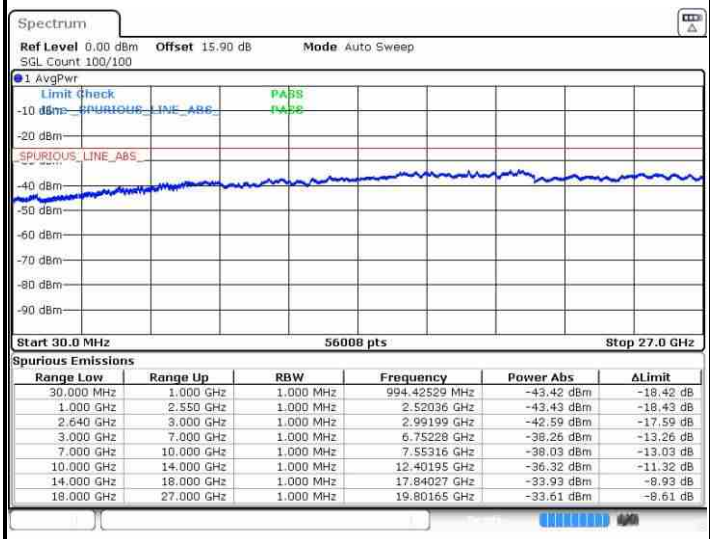
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-43.37 dBm	-18.37 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.47697 GHz	-43.70 dBm	-18.70 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.94324 GHz	-42.55 dBm	-17.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.78678 GHz	-38.14 dBm	-13.14 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94026 GHz	-38.03 dBm	-13.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.39745 GHz	-36.17 dBm	-11.17 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84277 GHz	-34.04 dBm	-9.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81315 GHz	-33.42 dBm	-8.42 dB

Date: 22.MAY.2019 21:14:12

LTE Band 38 / 20MHz

Lowest Channel / 64QAM

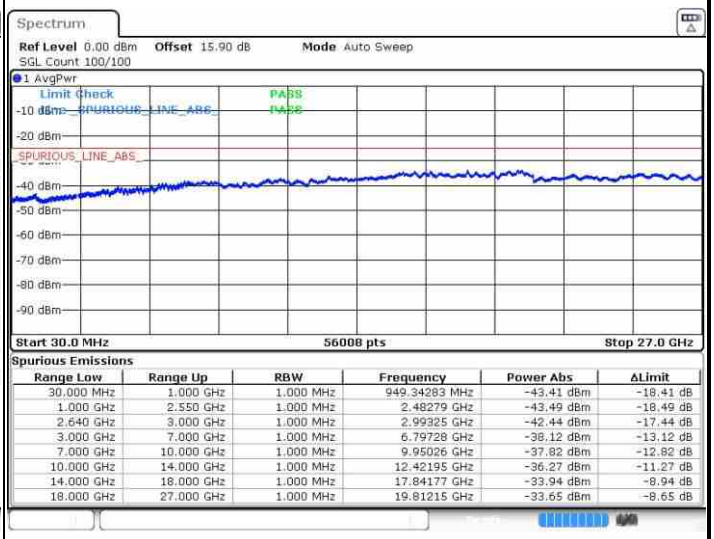


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-43.42 dBm	-18.42 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.52036 GHz	-43.43 dBm	-18.43 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99199 GHz	-42.59 dBm	-17.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75228 GHz	-38.26 dBm	-13.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.55316 GHz	-38.03 dBm	-13.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.40195 GHz	-36.32 dBm	-11.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84027 GHz	-33.93 dBm	-8.93 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80165 GHz	-33.61 dBm	-8.61 dB

Date: 22.MAY.2019 21:19:34

Middle Channel / 64QAM

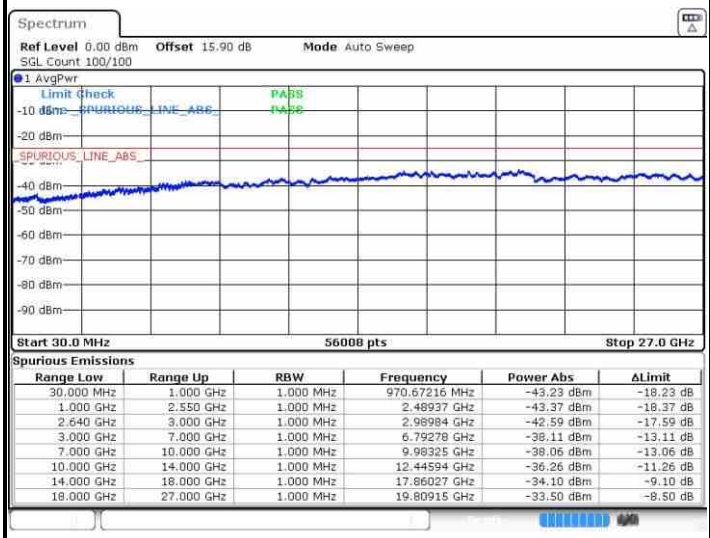


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-43.41 dBm	-18.41 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48279 GHz	-43.49 dBm	-18.49 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.99325 GHz	-42.44 dBm	-17.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79728 GHz	-38.12 dBm	-13.12 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.95026 GHz	-37.82 dBm	-12.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.42195 GHz	-36.27 dBm	-11.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.84177 GHz	-33.94 dBm	-8.94 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.81215 GHz	-33.65 dBm	-8.65 dB

Date: 22.MAY.2019 21:20:20

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-43.23 dBm	-18.23 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.48937 GHz	-43.37 dBm	-18.37 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.98984 GHz	-42.59 dBm	-17.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.79278 GHz	-38.11 dBm	-13.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98325 GHz	-38.06 dBm	-13.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.44594 GHz	-36.26 dBm	-11.26 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.86027 GHz	-34.10 dBm	-9.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.80915 GHz	-33.50 dBm	-8.50 dB

Date: 22.MAY.2019 21:21:05

Frequency Stability

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.85 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Within Band
		Frequency Offset (△f) (Hz)	Result
50	Normal Voltage	-1.9	PASS
40	Normal Voltage	-4.1	
30	Normal Voltage	-4.1	
20(Ref.)	Normal Voltage	0	
10	Normal Voltage	-1.9	
0	Normal Voltage	-1.7	
-10	Normal Voltage	-2.9	
-20	Normal Voltage	-4	
-30	Normal Voltage	-1.7	
20	Maximum Voltage	-3.9	
20	Normal Voltage	0	
20	Battery End Point	-2.6	

|MAX(△f)| = 4.1Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
f_L – |MAX(△f)|	2570.155996	≧ 2570 MHz	PASS
f_H + |MAX(△f)|	2619.848004	≦ 2620 MHz	

LTE Band 38C

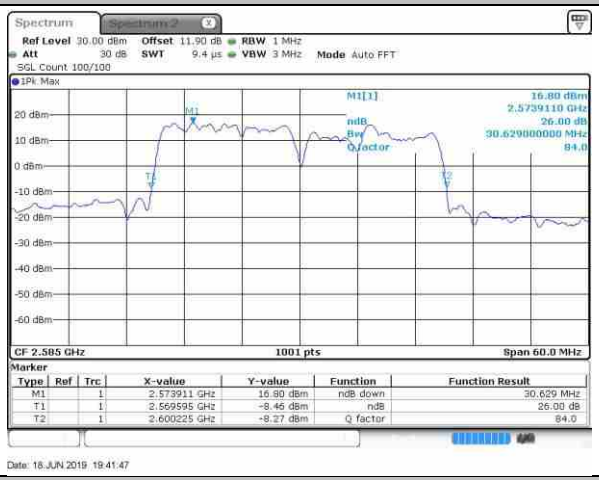
26dB Bandwidth

Mode	LTE Band 38C : 26dB BW(MHz)		
	QPSK	16QAM	64QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Lowest CH	30.62	30.50	30.45
Middle CH	30.56	30.56	30.56
Highest CH	30.56	30.62	30.50
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Lowest CH	39.79	40.12	39.48
Middle CH	39.96	39.96	39.88
Highest CH	39.79	39.64	39.88

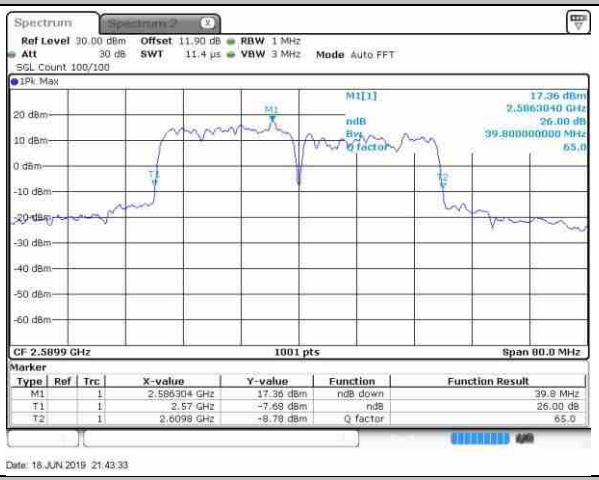
LTE Band 38C

QPSK

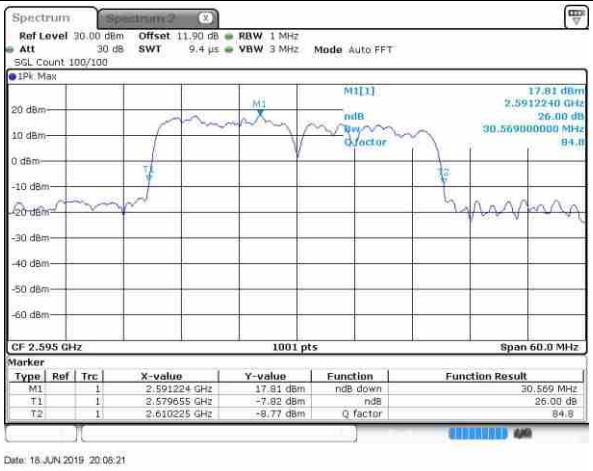
Lowest Channel / 15MHz+15MHz



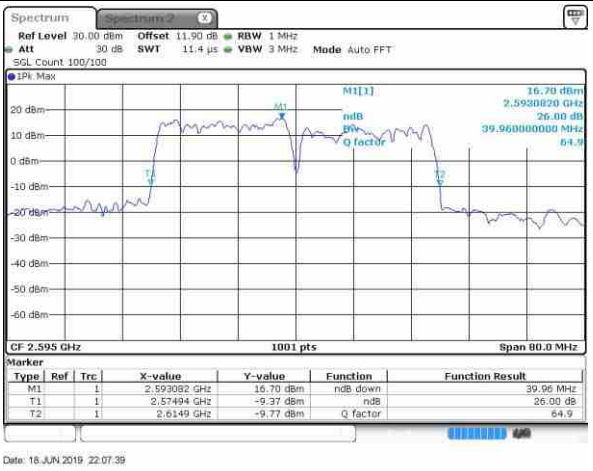
Lowest Channel / 20MHz+20MHz



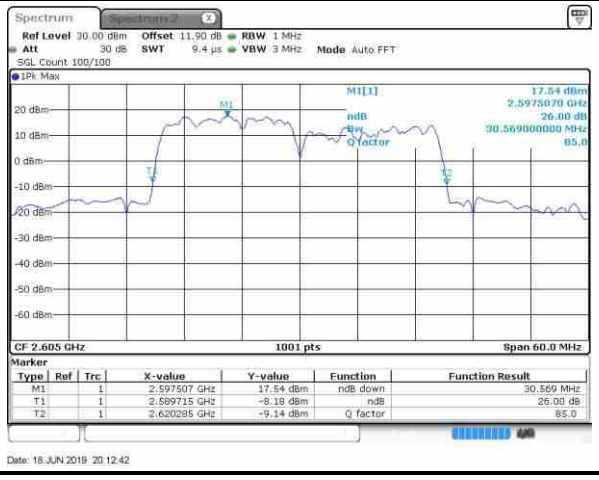
Middle Channel / 15MHz+15MHz



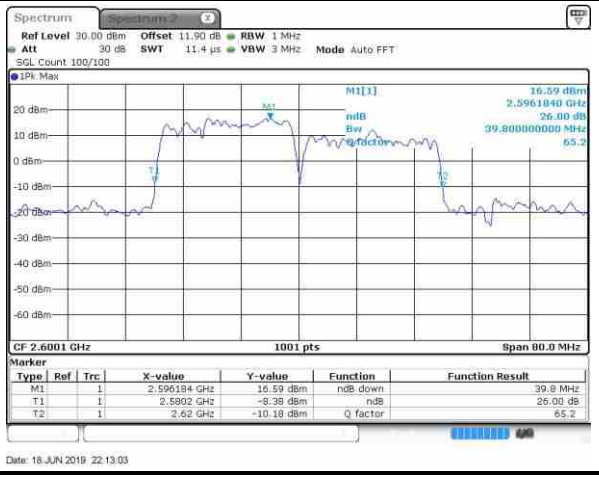
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



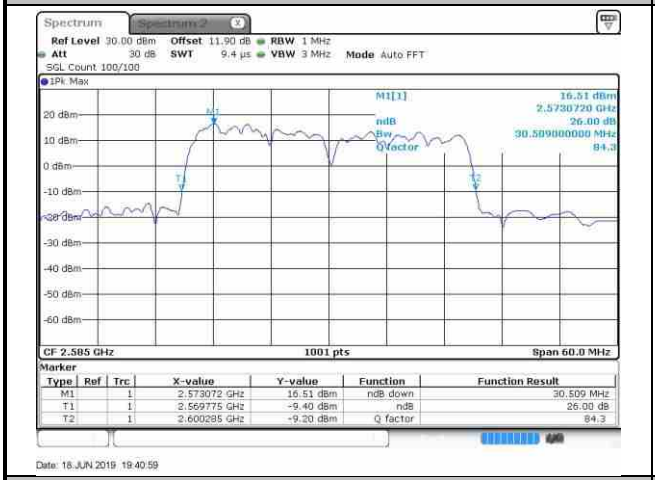
Highest Channel / 20MHz+20MHz



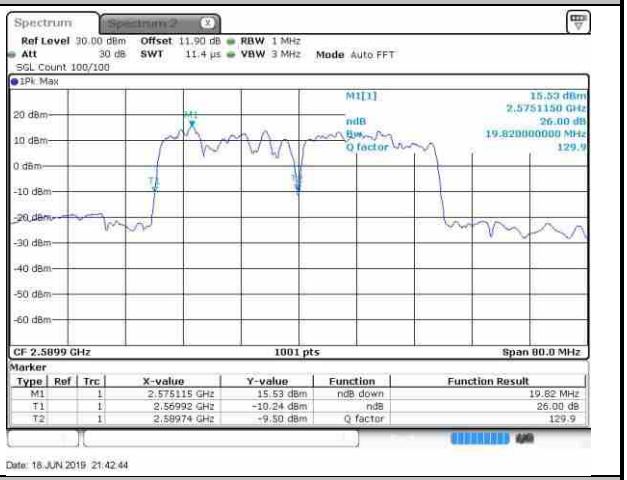
LTE Band 38C

16QAM

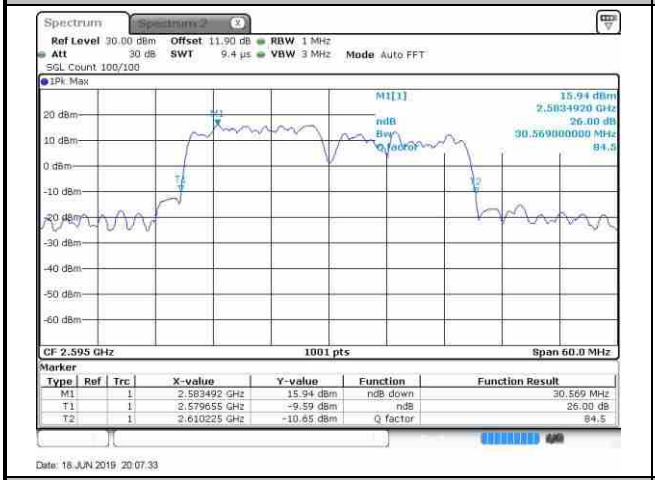
Lowest Channel / 15MHz+15MHz



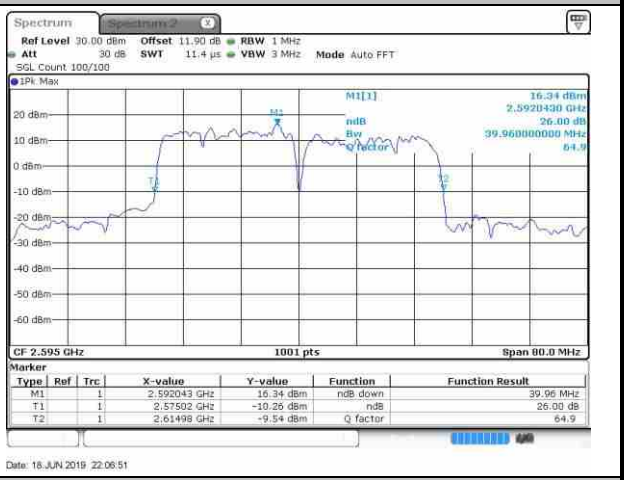
Lowest Channel / 20MHz+20MHz



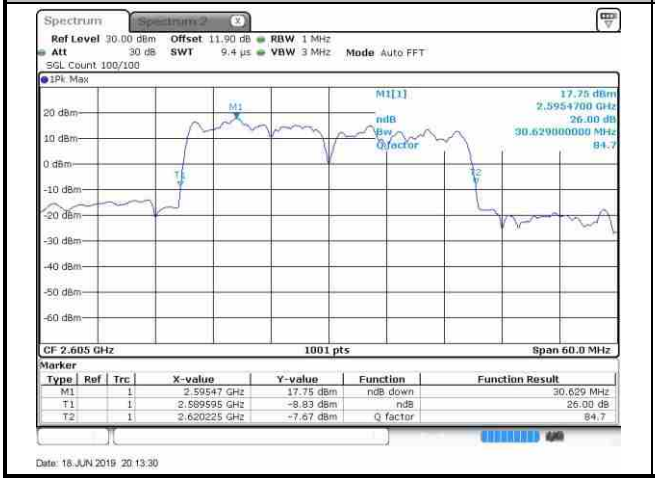
Middle Channel / 15MHz+15MHz



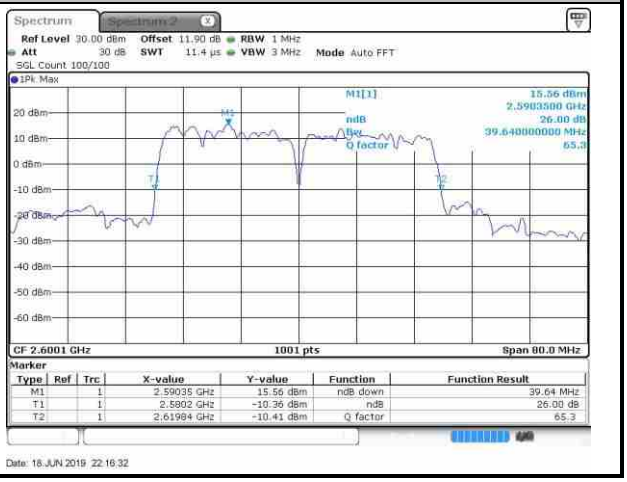
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



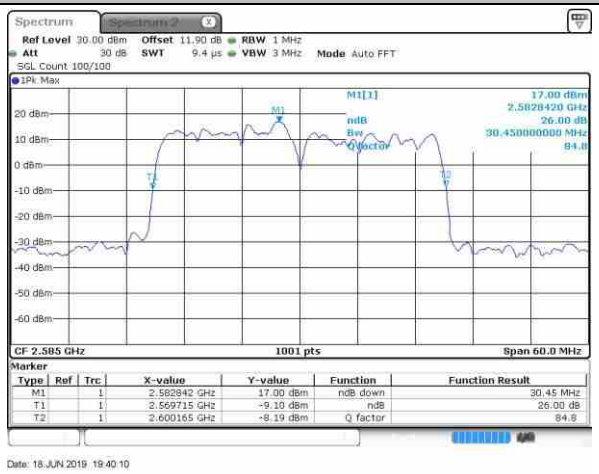
Highest Channel / 20MHz+20MHz



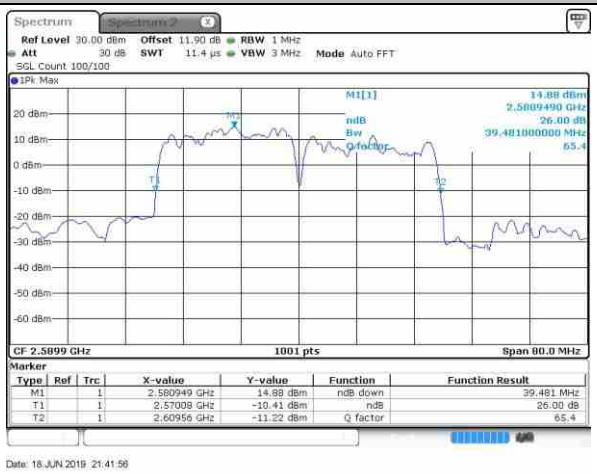
LTE Band 38C

64QAM

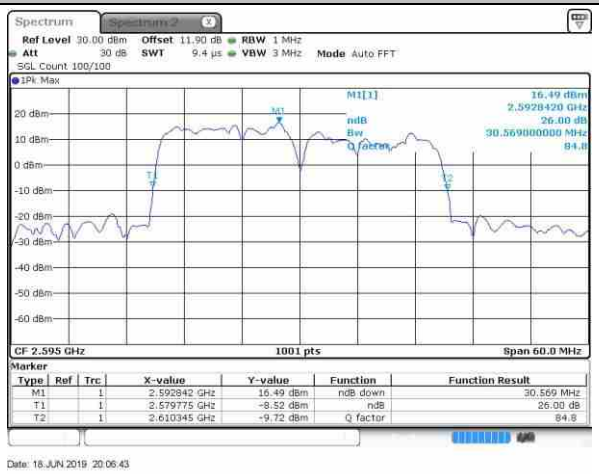
Lowest Channel / 15MHz+15MHz



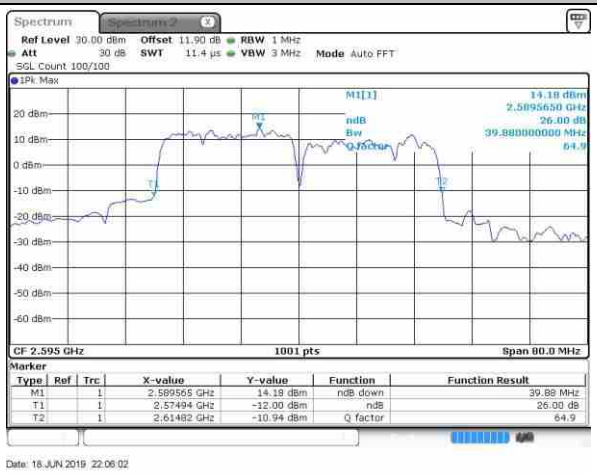
Lowest Channel / 20MHz+20MHz



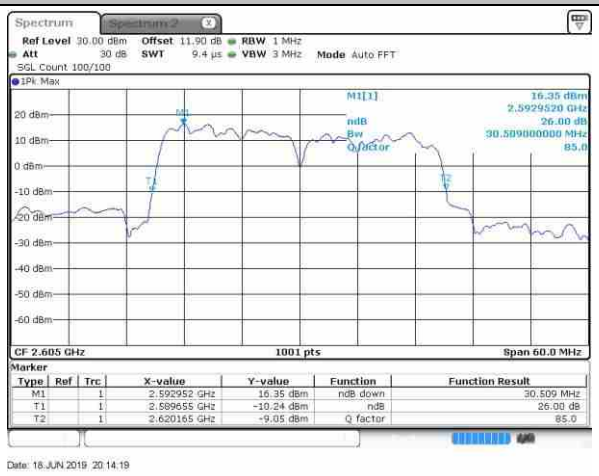
Middle Channel / 15MHz+15MHz



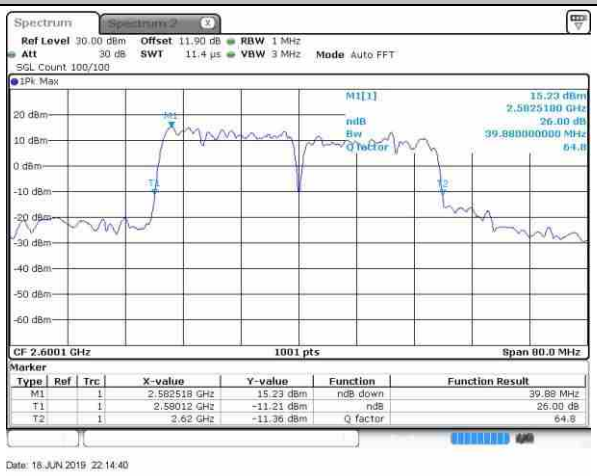
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 20MHz+20MH



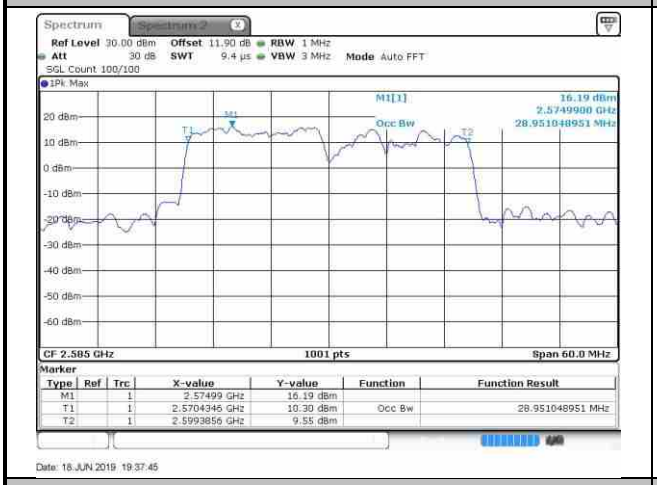
Occupied Bandwidth

Mode	LTE Band 38C : 99%OBW(MHz)		
	QPSK	16QAM	64QAM
BW	15MHz+15MHz	15MHz+15MHz	15MHz+15MHz
Lowest CH	28.95	28.41	28.59
Middle CH	28.71	28.41	28.41
Highest CH	28.65	28.77	28.29
BW	20MHz+20MHz	20MHz+20MHz	20MHz+20MHz
Lowest CH	37.64	37.72	37.48
Middle CH	37.72	37.56	37.40
Highest CH	37.88	37.80	37.24

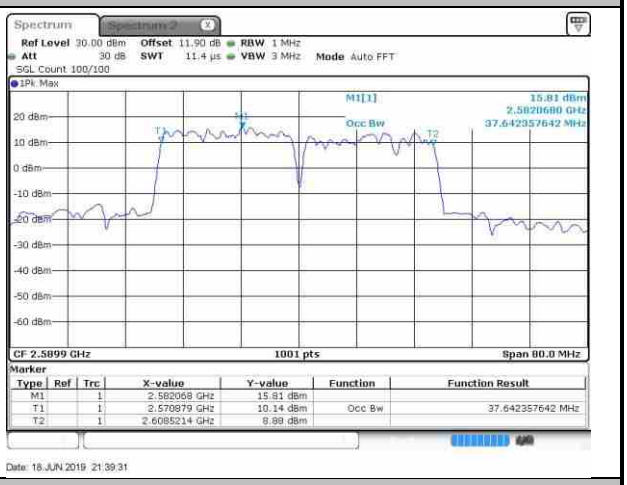
LTE Band 38C

QPSK

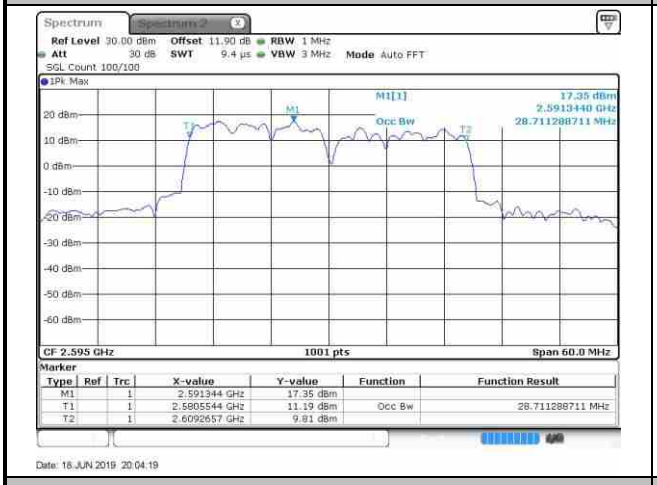
Lowest Channel / 15MHz+15MHz



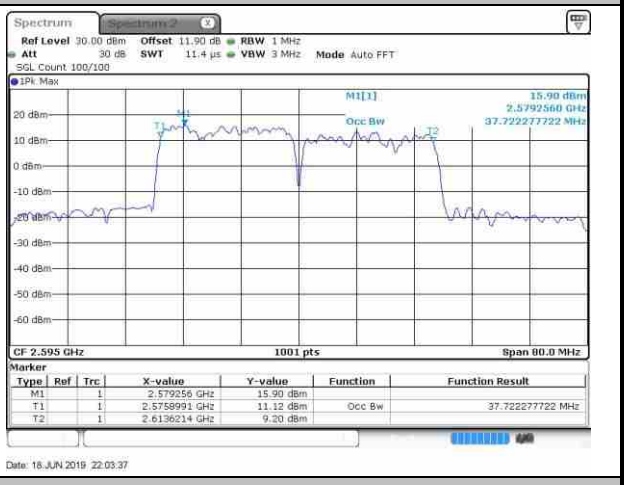
Lowest Channel / 20MHz+20MHz



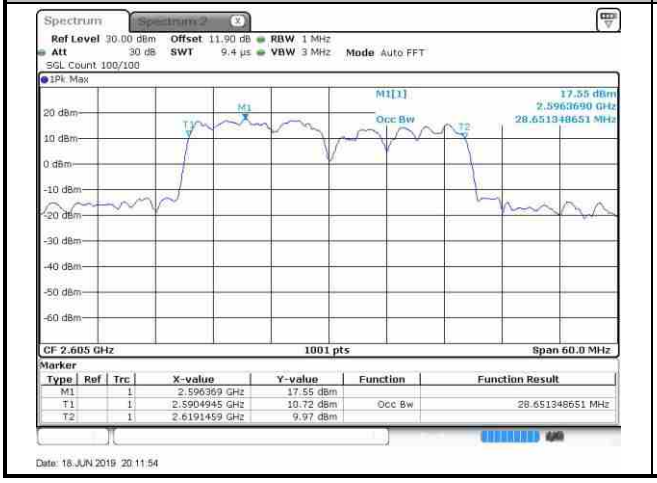
Middle Channel / 15MHz+15MHz



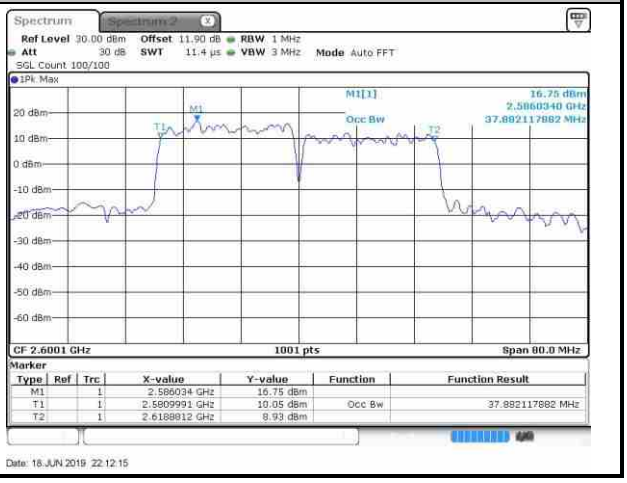
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



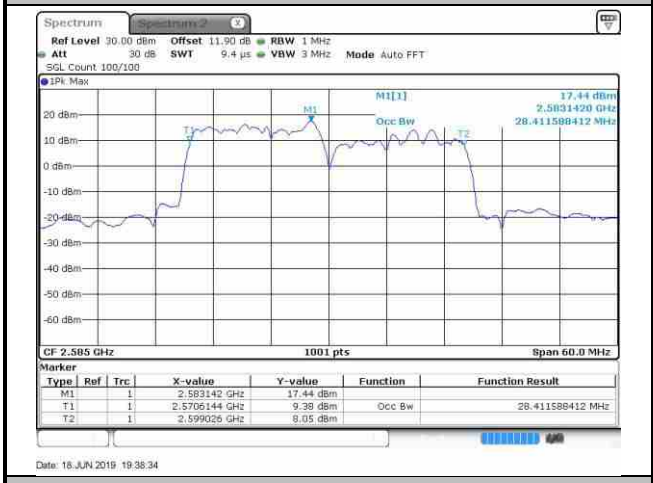
Highest Channel / 20MHz+20MHz



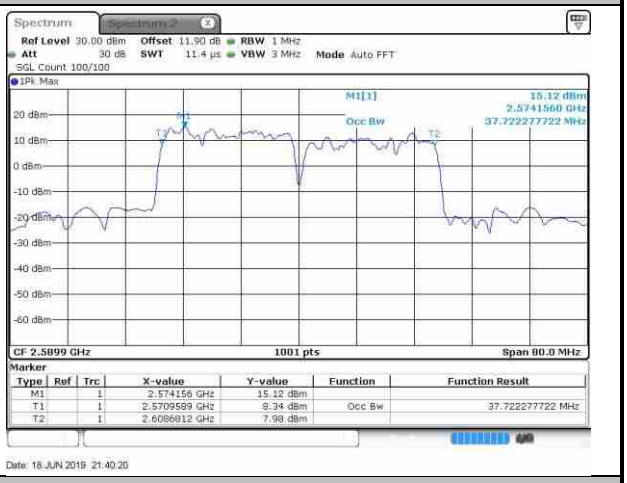
LTE Band 38C

16QAM

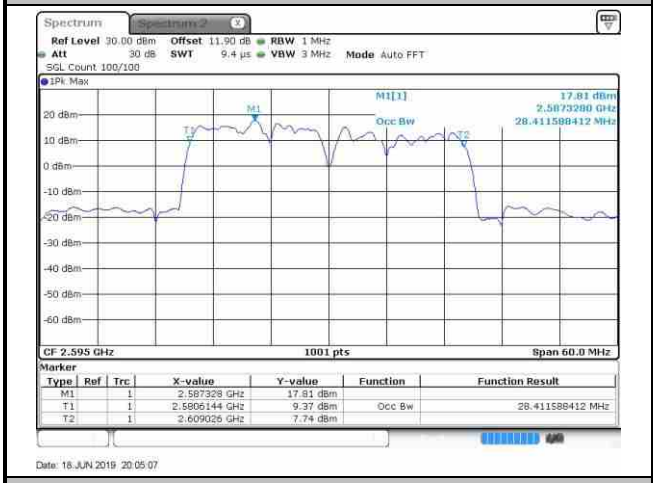
Lowest Channel / 15MHz+15MHz



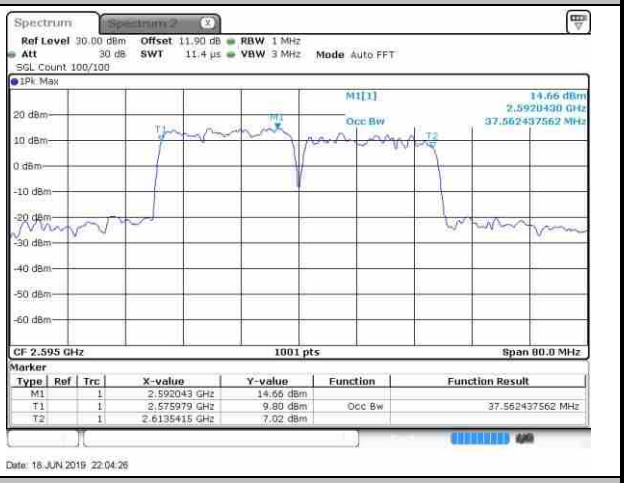
Lowest Channel / 20MHz+20MHz



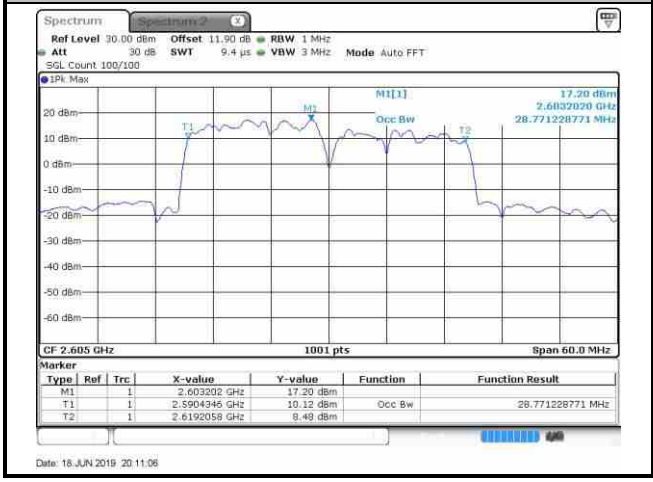
Middle Channel / 15MHz+15MHz



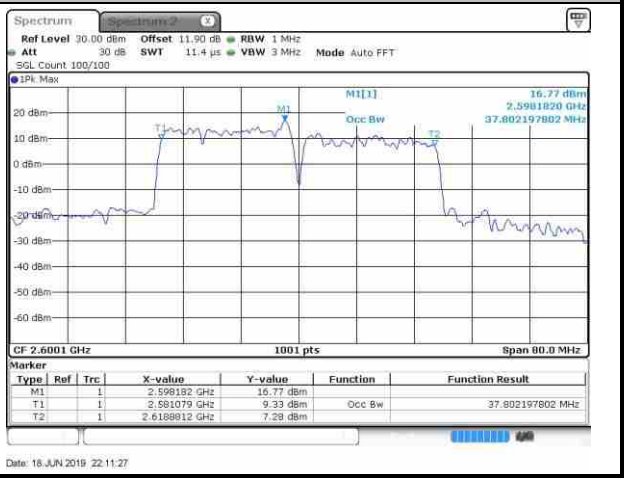
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



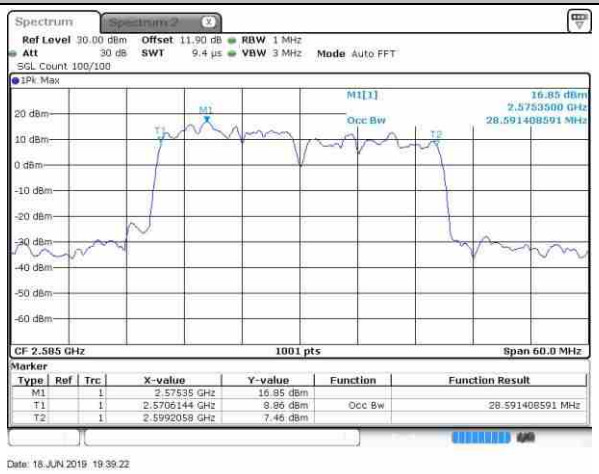
Highest Channel / 20MHz+20MHz



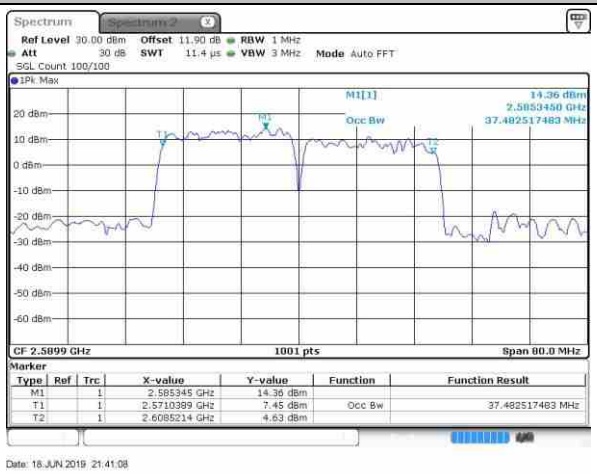
LTE Band 38C

64QAM

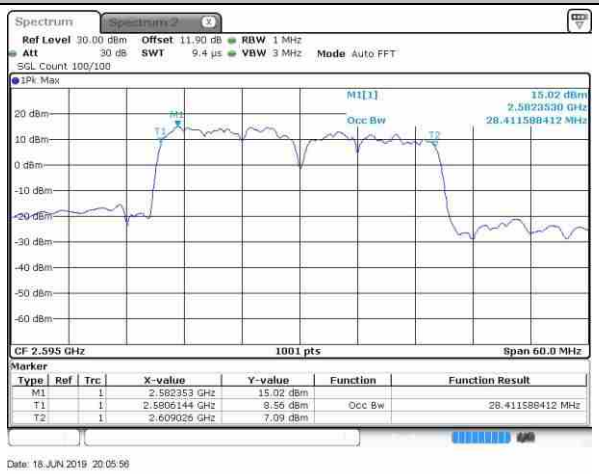
Lowest Channel / 15MHz+15MHz



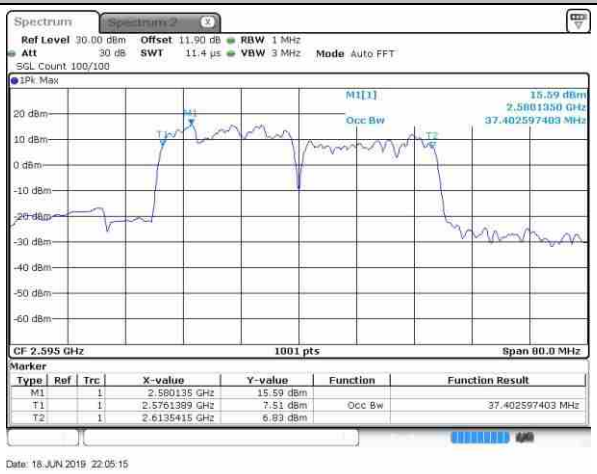
Lowest Channel / 20MHz+20MHz



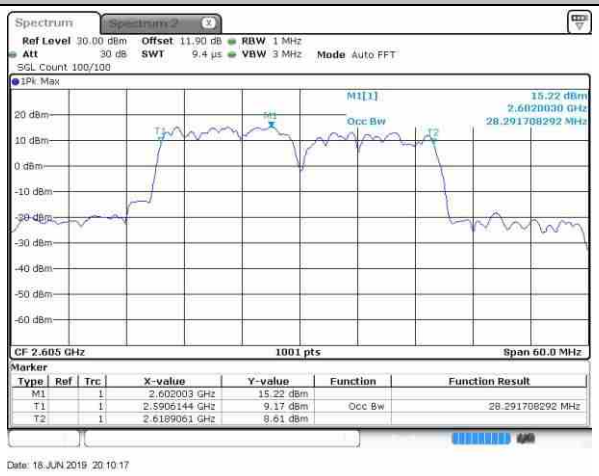
Middle Channel / 15MHz+15MHz



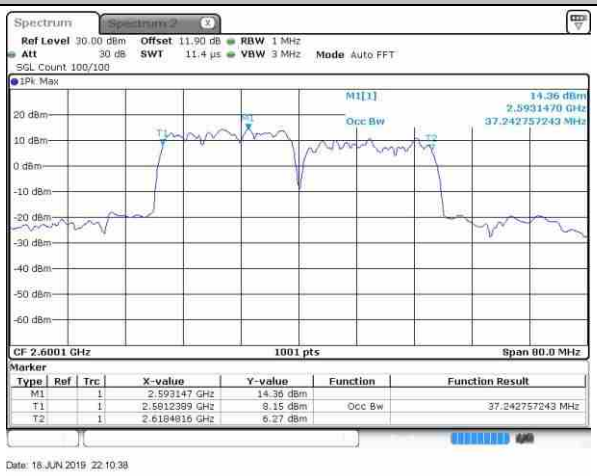
Middle Channel / 20MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 20MHz+20MH



Conducted Band Edge