

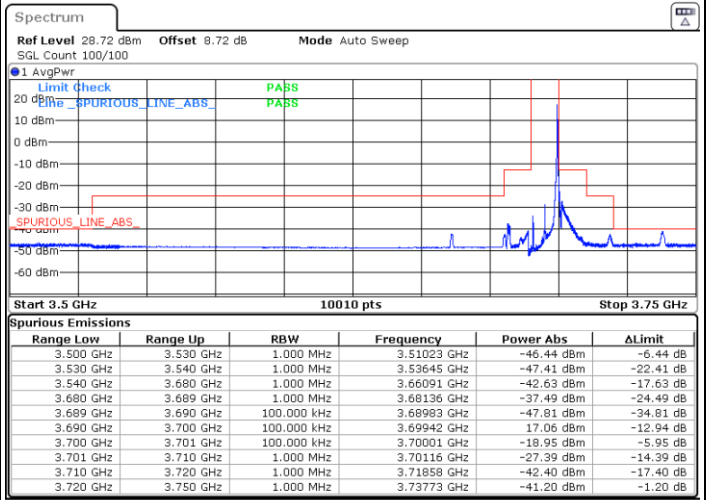
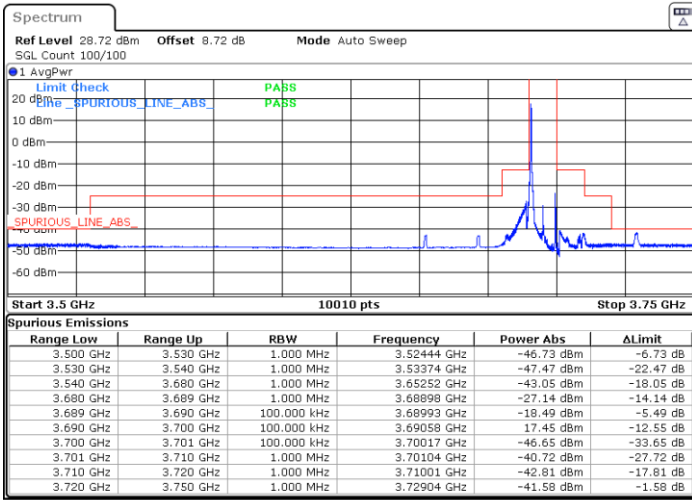


LTE Band 48 / 10MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

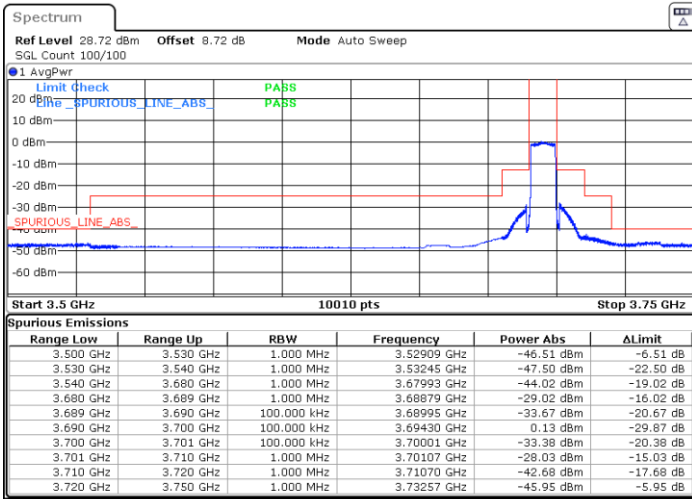


Date: 6.JAN.2023 11:45:24

Date: 6.JAN.2023 11:47:05

Highest Channel / FullIRB

N/A



Date: 6.JAN.2023 11:55:29

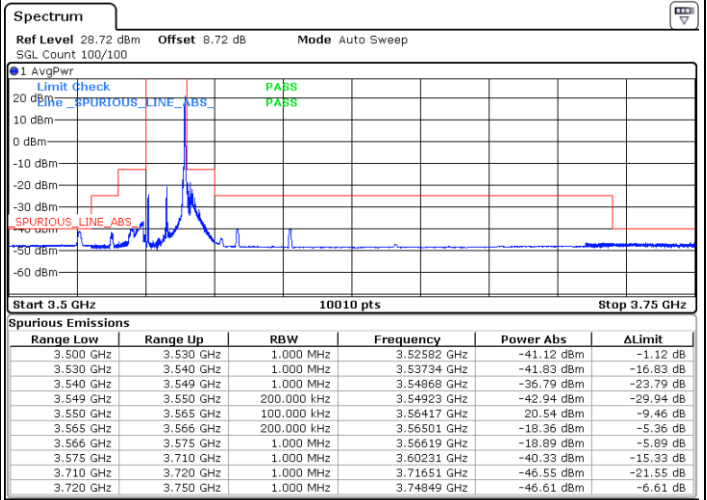
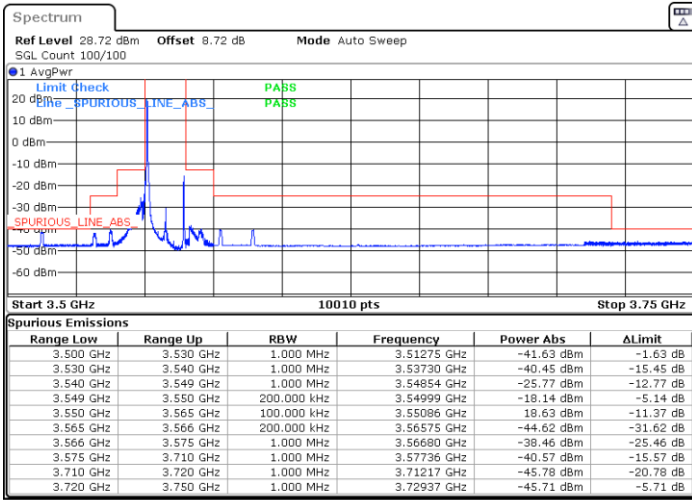


LTE Band 48 / 15MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

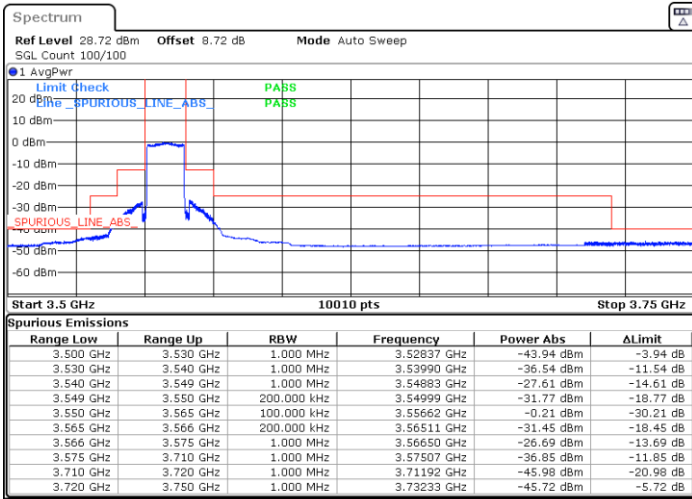


Date: 6.JAN.2023 12:13:00

Date: 9.JAN.2023 13:06:23

Lowest Channel / FullIRB

N/A



Date: 6.JAN.2023 12:50:58

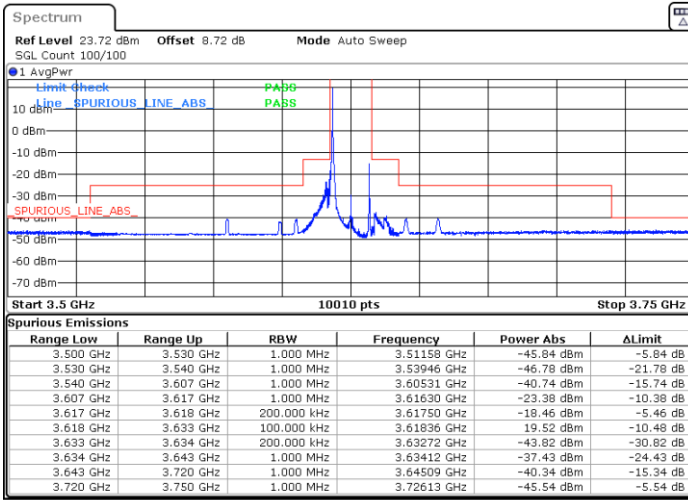


LTE Band 48 / 15MHz

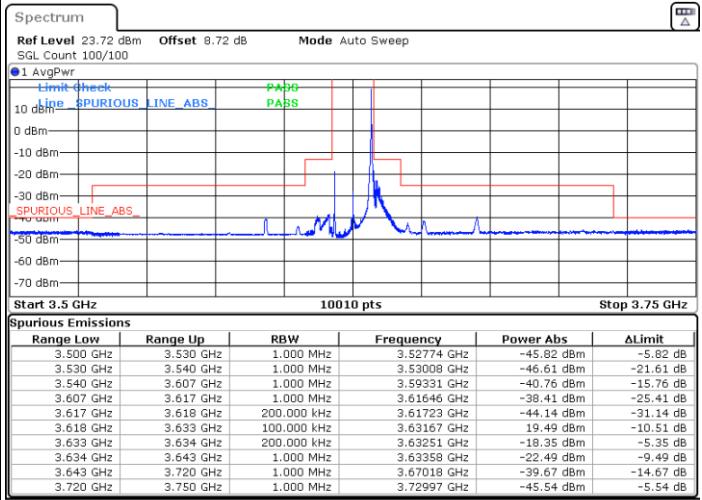
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



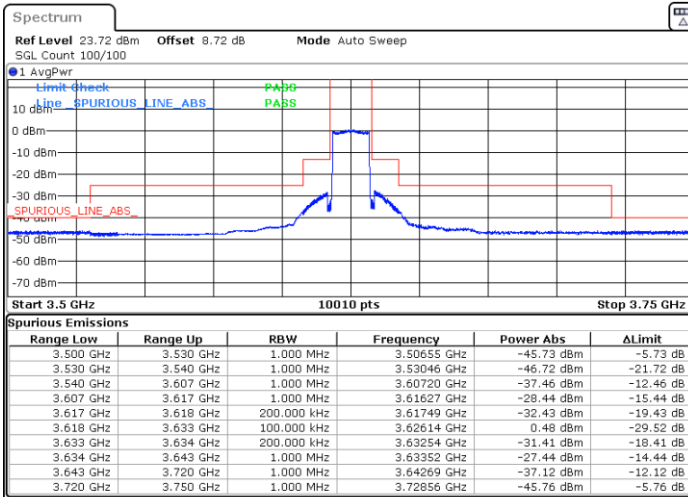
Date: 6. JAN. 2023 12:53:36



Date: 6. JAN. 2023 13:01:58

Middle Channel / Full

N/A



Date: 6. JAN. 2023 13:03:39

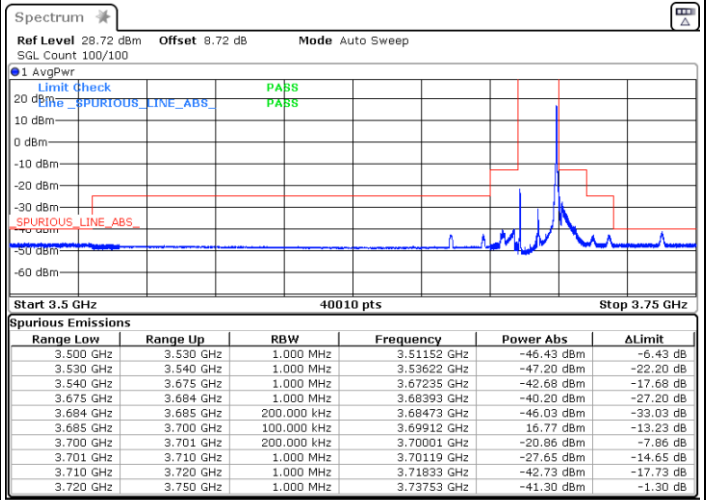
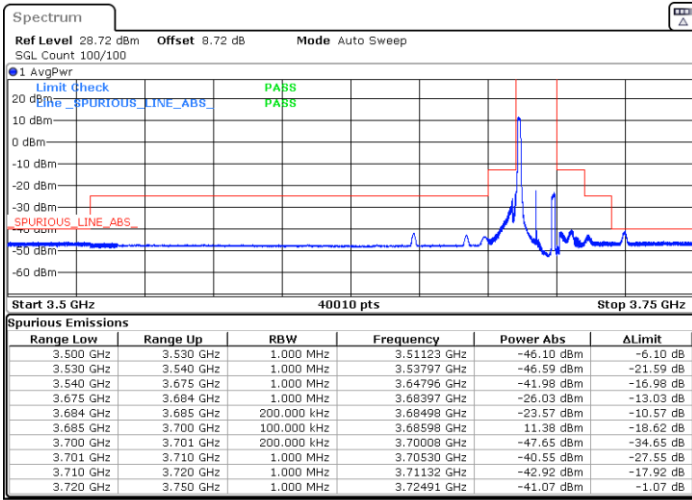


LTE Band 48 / 15MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

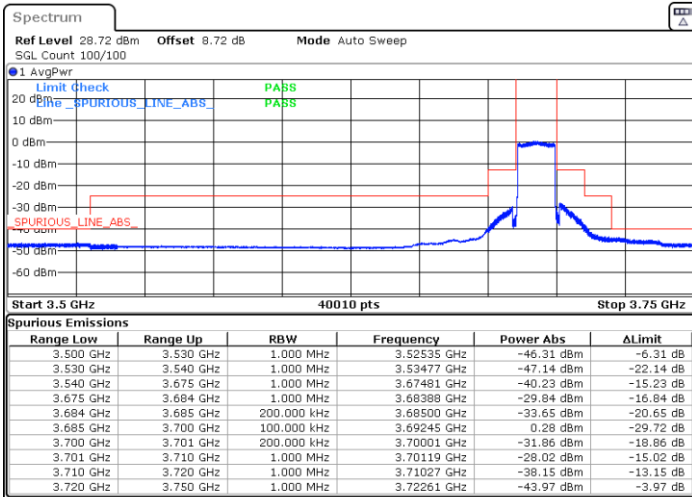


Date: 6.JAN.2023 13:15:39

Date: 6.JAN.2023 13:31:51

Highest Channel / FullIRB

N/A



Date: 6.JAN.2023 13:26:08

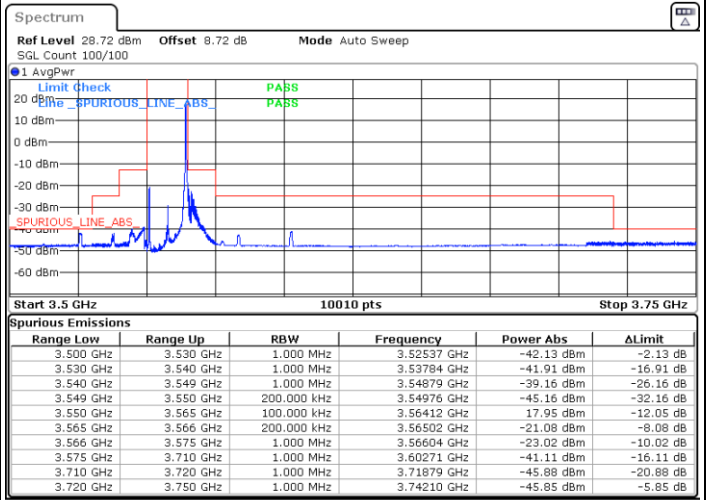
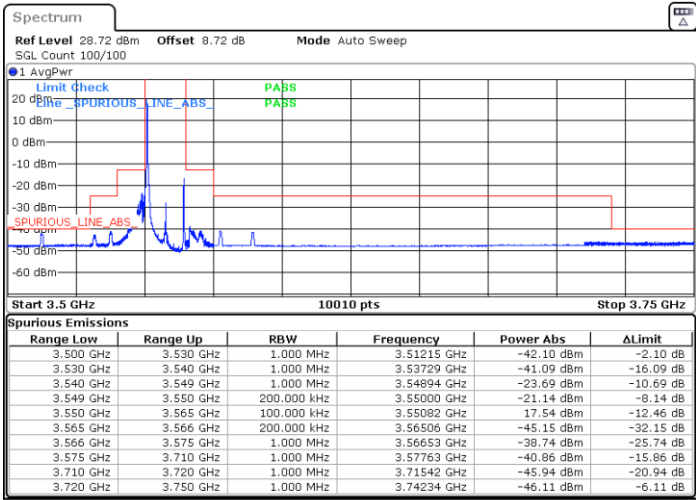


LTE Band 48 / 15MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

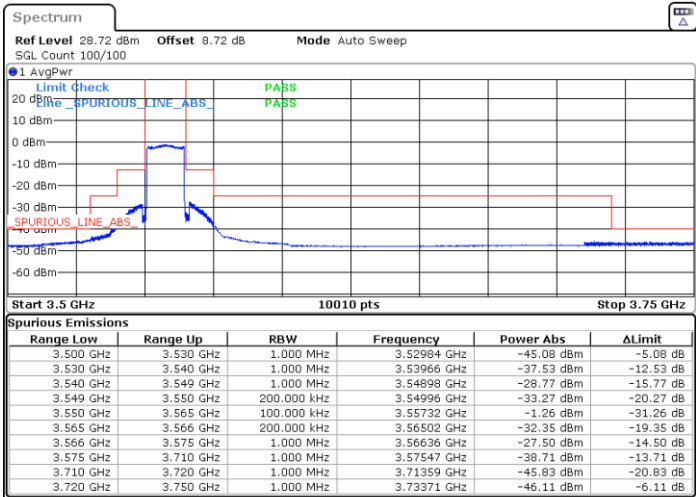


Date: 6. JAN. 2023 12:38:45

Date: 6. JAN. 2023 12:43:59

Lowest Channel / FullIRB

N/A



Date: 6. JAN. 2023 12:49:13

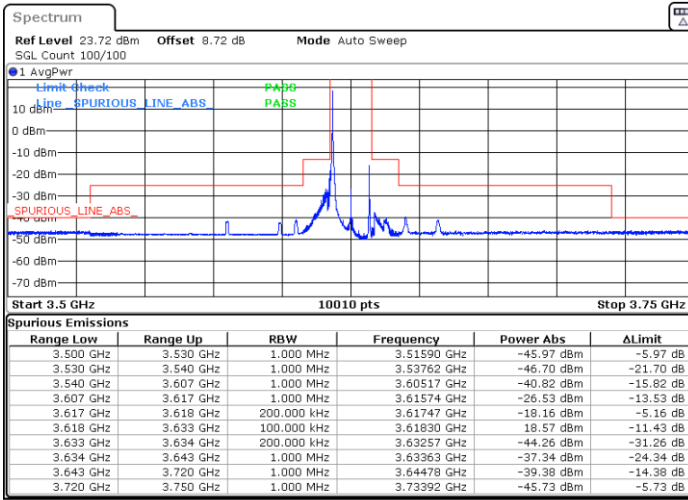


LTE Band 48 / 15MHz

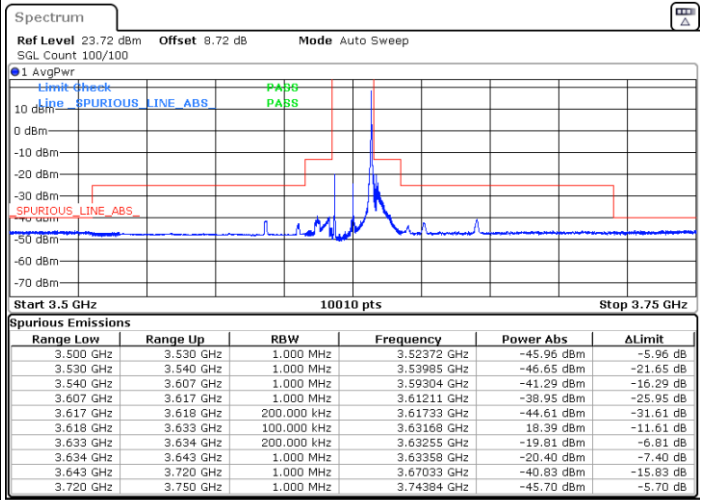
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



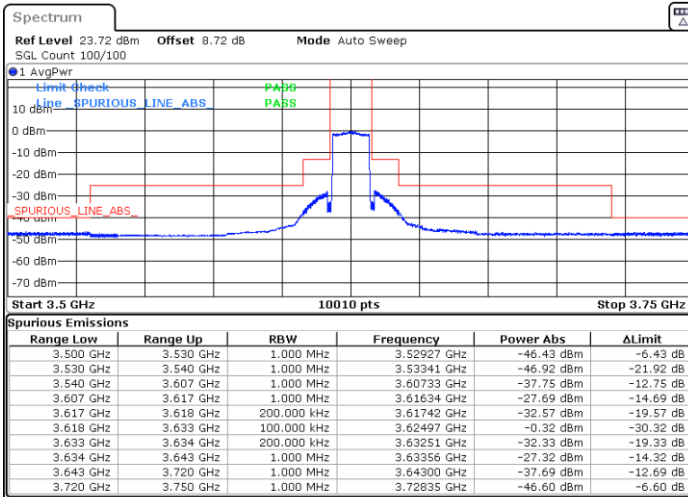
Date: 6. JAN. 2023 12:55:16



Date: 6. JAN. 2023 13:00:18

Middle Channel / Full

N/A



Date: 6. JAN. 2023 13:05:20

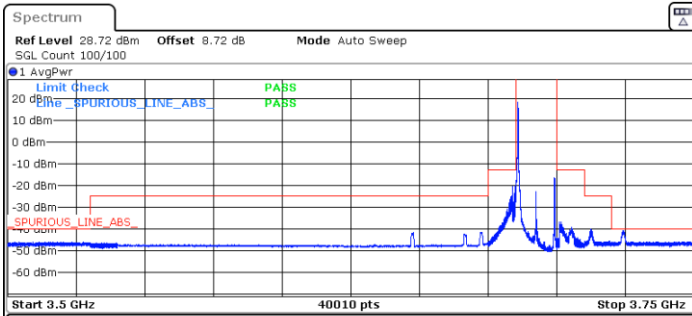


LTE Band 48 / 15MHz

16QAM

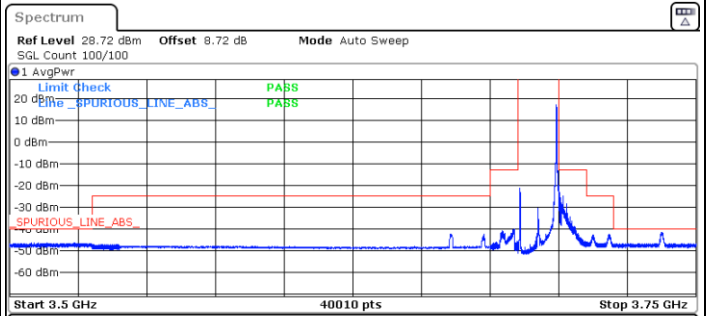
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52326 GHz	-45.91 dBm	-5.91 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53940 GHz	-46.52 dBm	-21.52 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.67272 GHz	-41.50 dBm	-16.50 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68400 GHz	-20.47 dBm	-7.47 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68498 GHz	-18.35 dBm	-5.35 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.68581 GHz	18.20 dBm	-11.80 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70003 GHz	-44.17 dBm	-31.17 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-36.73 dBm	-23.73 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71228 GHz	-40.20 dBm	-15.20 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72410 GHz	-41.83 dBm	-1.83 dB

Date: 6. JAN. 2023 13:17:24

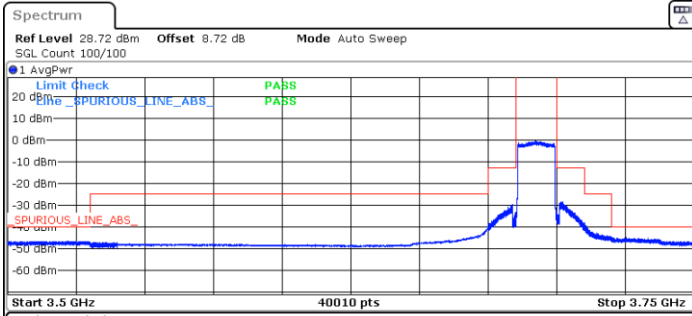


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51371 GHz	-46.44 dBm	-6.44 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53734 GHz	-47.21 dBm	-22.21 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.67282 GHz	-42.38 dBm	-17.38 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68380 GHz	-40.12 dBm	-27.12 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68477 GHz	-45.66 dBm	-32.66 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.69912 GHz	16.98 dBm	-13.02 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-20.11 dBm	-7.11 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70147 GHz	-24.88 dBm	-11.88 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71835 GHz	-42.29 dBm	-17.29 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73751 GHz	-41.59 dBm	-1.59 dB

Date: 6. JAN. 2023 13:33:07

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52190 GHz	-46.66 dBm	-6.66 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53304 GHz	-47.11 dBm	-22.11 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.67492 GHz	-40.44 dBm	-15.44 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68395 GHz	-29.69 dBm	-16.69 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68499 GHz	-33.24 dBm	-20.24 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.69207 GHz	-0.50 dBm	-30.50 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70009 GHz	-33.05 dBm	-20.05 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70167 GHz	-28.53 dBm	-15.53 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71007 GHz	-38.16 dBm	-13.16 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72536 GHz	-45.00 dBm	-5.00 dB

Date: 6. JAN. 2023 13:27:53

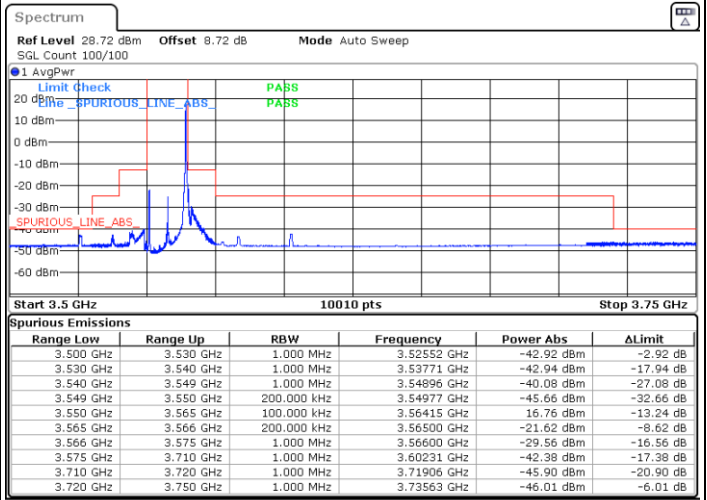
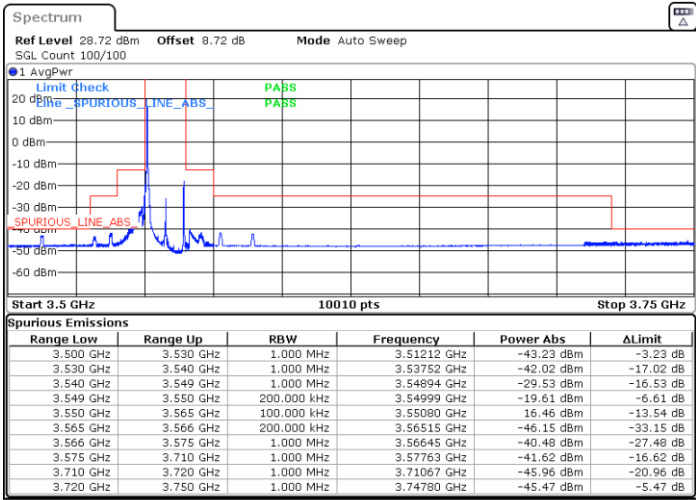


LTE Band 48 / 15MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

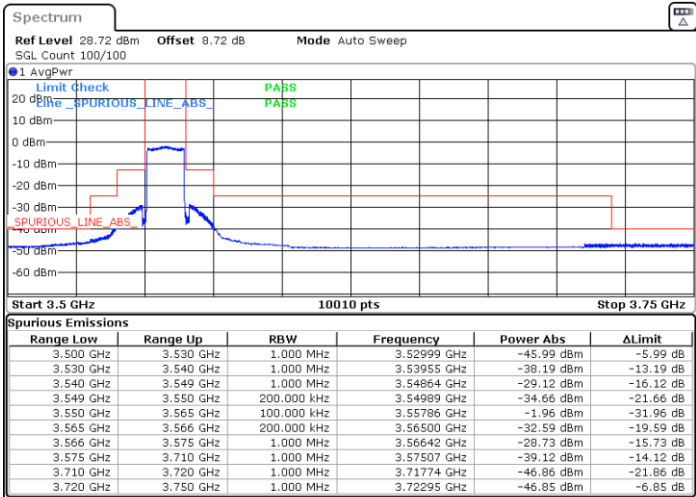


Date: 6. JAN. 2023 12:40:30

Date: 6. JAN. 2023 12:45:44

Lowest Channel / FullIRB

N/A



Date: 6. JAN. 2023 12:47:29

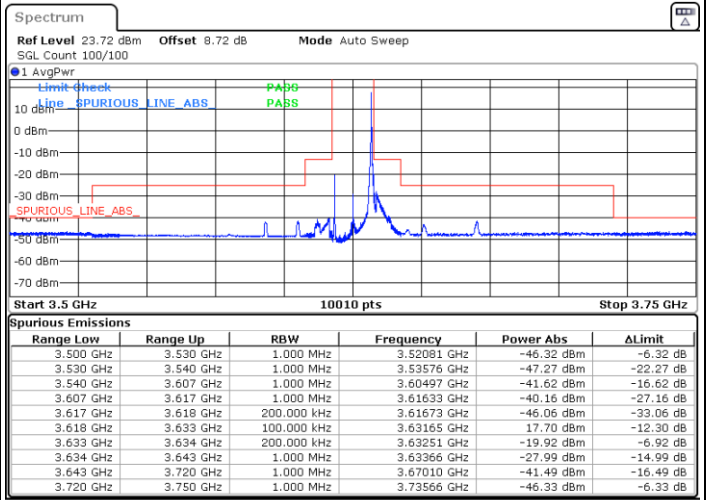
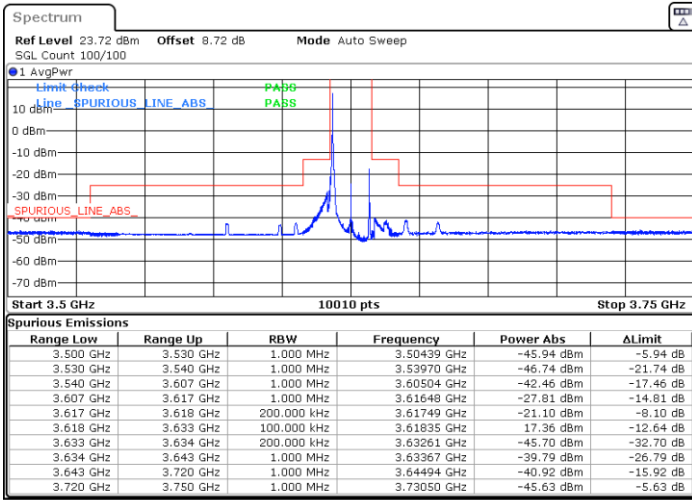


LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

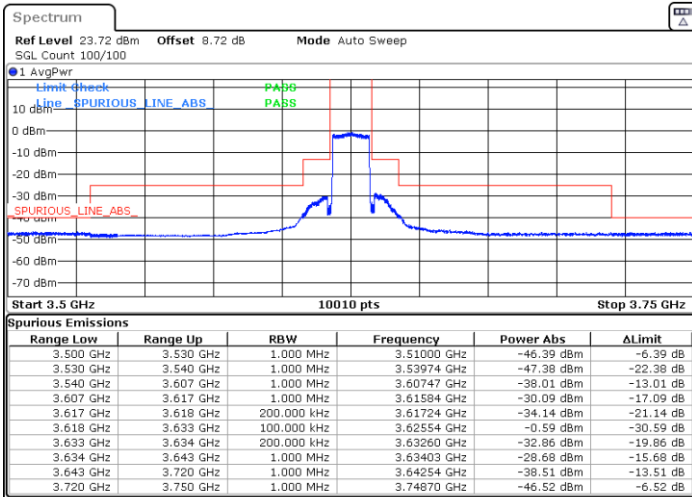


Date: 6. JAN. 2023 12:56:57

Date: 6. JAN. 2023 12:58:37

Middle Channel / Full

N/A



Date: 6. JAN. 2023 13:07:01

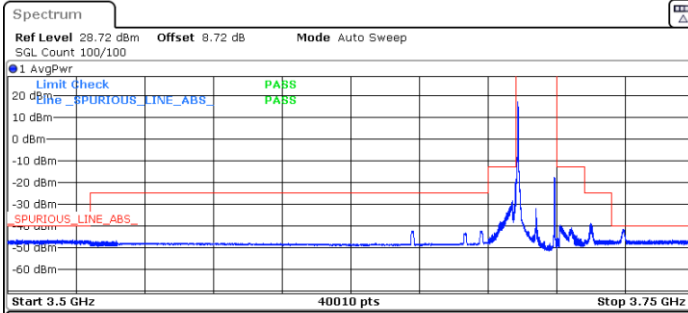


LTE Band 48 / 15MHz

64QAM

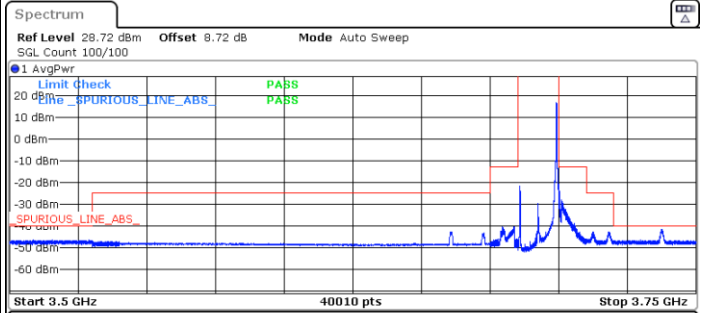
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52360 GHz	-46.55 dBm	-6.55 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53953 GHz	-46.91 dBm	-21.91 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.67276 GHz	-42.39 dBm	-17.39 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68394 GHz	-28.49 dBm	-15.49 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68499 GHz	-18.33 dBm	-5.33 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.68581 GHz	17.13 dBm	-12.87 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70021 GHz	-45.49 dBm	-32.49 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70112 GHz	-39.79 dBm	-26.79 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71249 GHz	-38.91 dBm	-13.91 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72439 GHz	-41.58 dBm	-1.58 dB

Date: 6. JAN. 2023 13:19:09

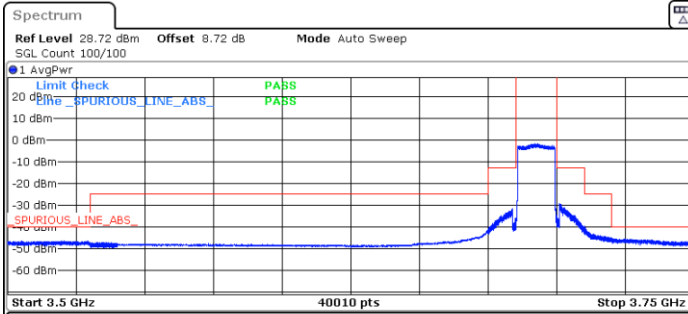


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51543 GHz	-46.62 dBm	-6.62 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53856 GHz	-47.23 dBm	-22.23 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.66064 GHz	-42.92 dBm	-17.92 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68380 GHz	-40.34 dBm	-27.34 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68471 GHz	-46.08 dBm	-33.08 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.69917 GHz	16.81 dBm	-13.19 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70003 GHz	-20.84 dBm	-7.84 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70110 GHz	-28.21 dBm	-15.21 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71839 GHz	-42.72 dBm	-17.72 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73765 GHz	-41.49 dBm	-1.49 dB

Date: 6. JAN. 2023 13:20:53

Highest Channel / FullIRB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52054 GHz	-46.36 dBm	-6.36 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53249 GHz	-47.21 dBm	-22.21 dB
3.540 GHz	3.675 GHz	1.000 MHz	3.67485 GHz	-41.82 dBm	-16.82 dB
3.675 GHz	3.684 GHz	1.000 MHz	3.68384 GHz	-31.67 dBm	-18.67 dB
3.684 GHz	3.685 GHz	200.000 kHz	3.68500 GHz	-35.92 dBm	-22.92 dB
3.685 GHz	3.700 GHz	100.000 kHz	3.69206 GHz	-1.75 dBm	-31.75 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70011 GHz	-34.72 dBm	-21.72 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70110 GHz	-29.47 dBm	-16.47 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71014 GHz	-39.97 dBm	-14.97 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72011 GHz	-45.35 dBm	-5.35 dB

Date: 6. JAN. 2023 13:29:38

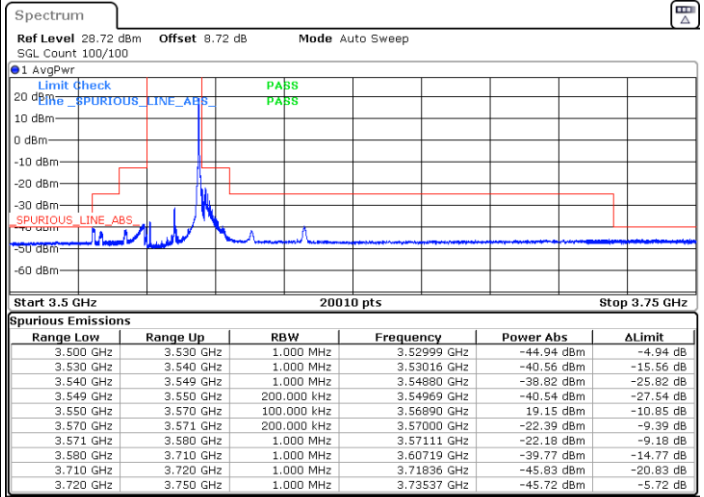
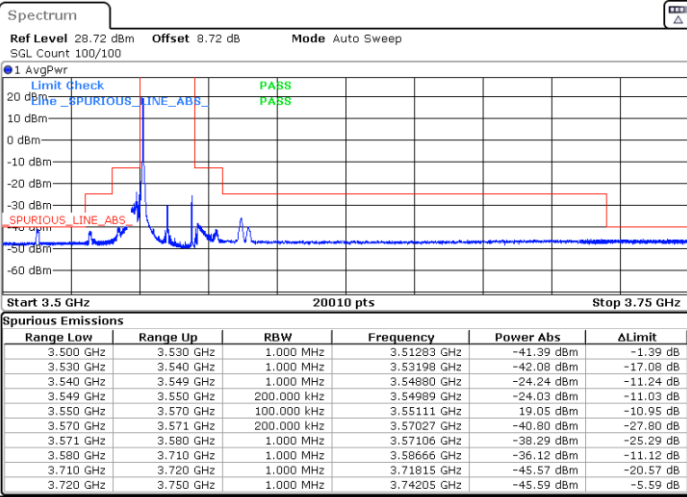


LTE Band 48 / 20MHz

QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

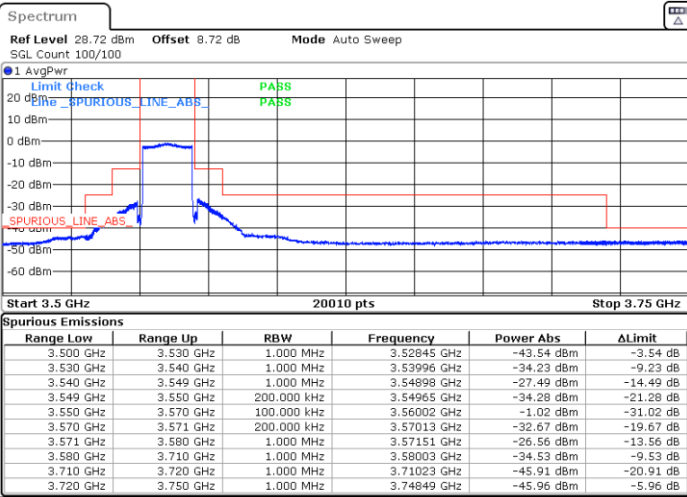


Date: 6.JAN.2023 13:36:29

Date: 6.JAN.2023 13:44:55

Lowest Channel / FullIRB

N/A



Date: 6.JAN.2023 13:46:36

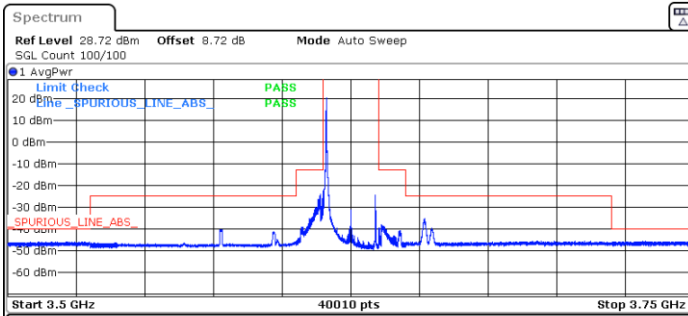


LTE Band 48 / 20MHz

QPSK

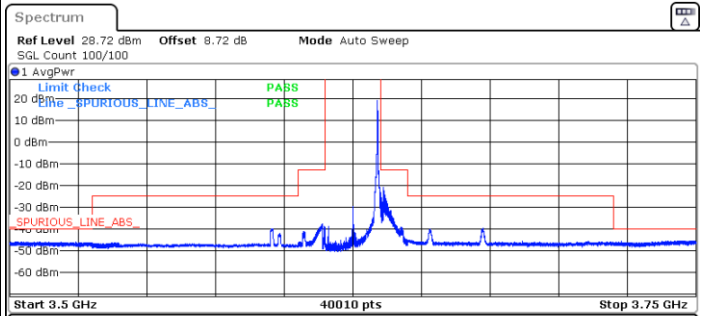
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52715 GHz	-46.01 dBm	-6.01 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53958 GHz	-46.40 dBm	-21.40 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.57773 GHz	-40.37 dBm	-15.37 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61377 GHz	-24.05 dBm	-11.05 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61491 GHz	-22.42 dBm	-9.42 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61608 GHz	20.24 dBm	-9.76 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63529 GHz	-39.52 dBm	-26.52 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63611 GHz	-38.12 dBm	-25.12 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.65185 GHz	-35.20 dBm	-10.20 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73120 GHz	-45.79 dBm	-5.79 dB

Date: 6. JAN. 2023 13:51:39

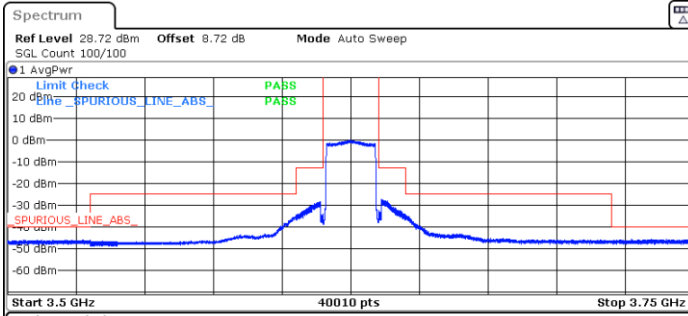


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51103 GHz	-45.98 dBm	-5.98 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53734 GHz	-46.43 dBm	-21.43 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.59520 GHz	-39.93 dBm	-14.93 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61383 GHz	-37.53 dBm	-24.53 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61468 GHz	-39.05 dBm	-26.05 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63389 GHz	19.04 dBm	-10.96 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63512 GHz	-23.11 dBm	-10.11 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63609 GHz	-21.04 dBm	-8.04 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.67243 GHz	-39.57 dBm	-14.57 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74952 GHz	-45.56 dBm	-5.56 dB

Date: 6. JAN. 2023 14:00:04

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52994 GHz	-46.14 dBm	-6.14 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53449 GHz	-46.66 dBm	-21.66 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.60493 GHz	-35.15 dBm	-10.15 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61364 GHz	-28.29 dBm	-15.29 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61485 GHz	-33.97 dBm	-20.97 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62506 GHz	-0.19 dBm	-30.19 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63503 GHz	-32.65 dBm	-19.65 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63613 GHz	-27.29 dBm	-14.29 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.64514 GHz	-35.00 dBm	-10.00 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72710 GHz	-45.75 dBm	-5.75 dB

Date: 6. JAN. 2023 14:01:45

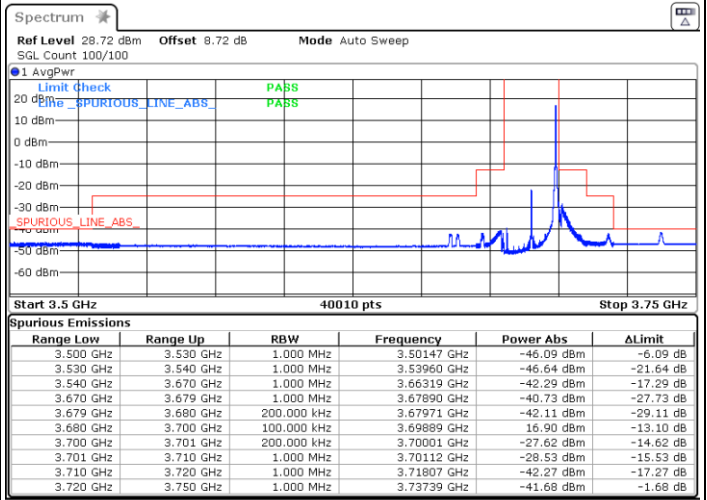
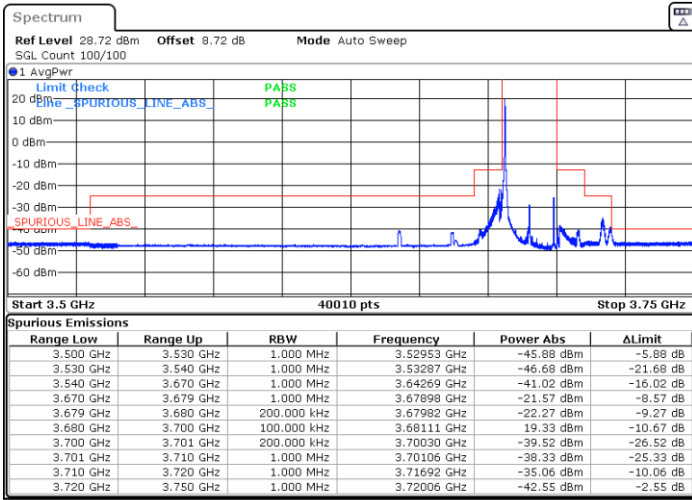


LTE Band 48 / 20MHz

QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax

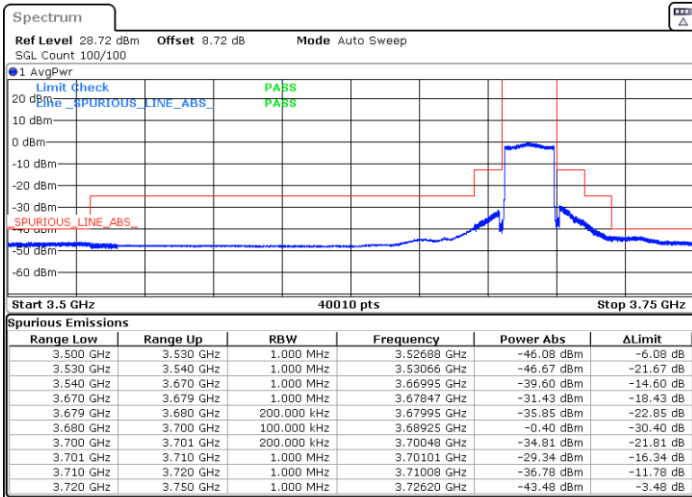


Date: 6.JAN.2023 14:06:48

Date: 6.JAN.2023 14:29:19

Highest Channel / FullIRB

N/A



Date: 6.JAN.2023 14:16:55

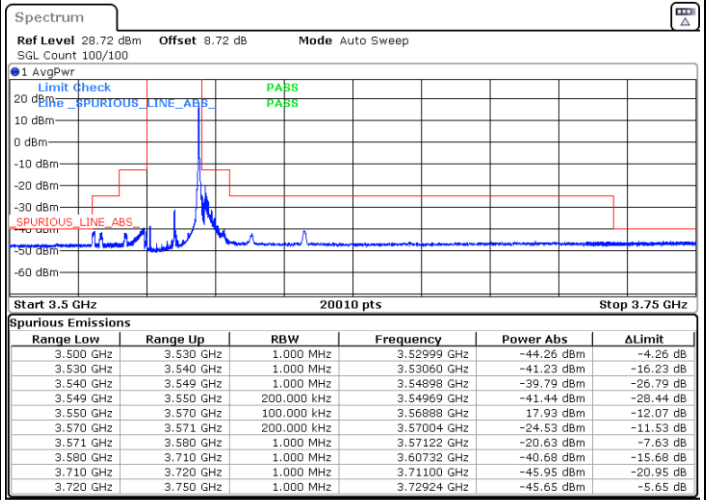
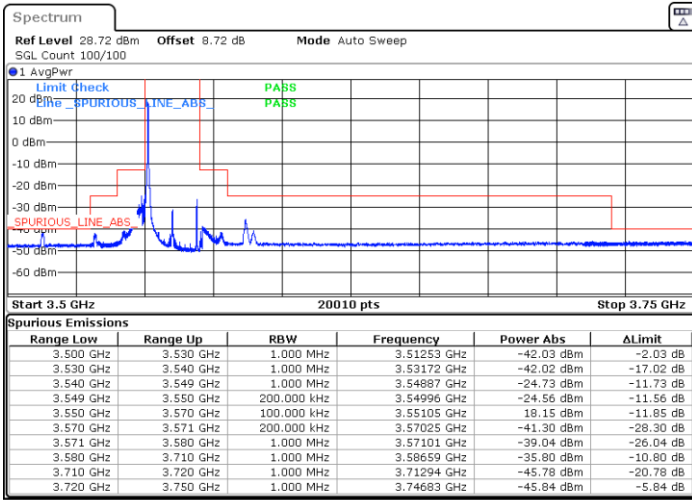


LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

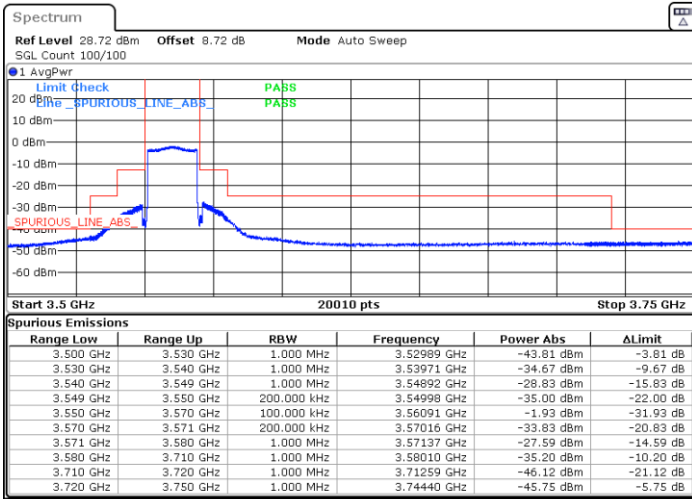


Date: 6. JAN. 2023 13:38:10

Date: 6. JAN. 2023 13:43:14

Lowest Channel / FullIRB

N/A



Date: 6. JAN. 2023 13:48:17

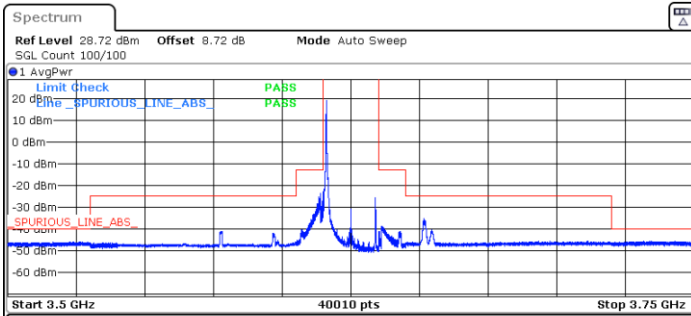


LTE Band 48 / 20MHz

16QAM

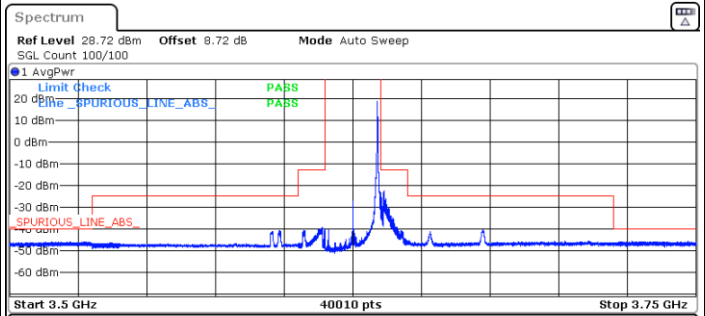
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52714 GHz	-46.05 dBm	-6.05 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53789 GHz	-46.30 dBm	-21.30 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.57801 GHz	-41.19 dBm	-16.19 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61400 GHz	-23.83 dBm	-10.83 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61492 GHz	-22.81 dBm	-9.81 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61608 GHz	19.23 dBm	-10.77 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63530 GHz	-41.10 dBm	-28.10 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63625 GHz	-38.78 dBm	-25.78 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.65161 GHz	-35.40 dBm	-10.40 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73393 GHz	-45.80 dBm	-5.80 dB

Date: 6. JAN. 2023 13:53:20

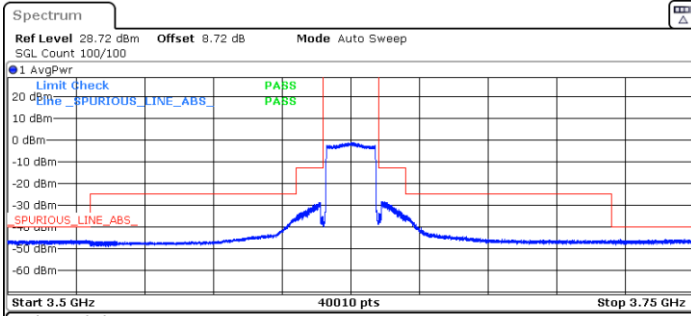


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52730 GHz	-45.90 dBm	-5.90 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53691 GHz	-46.47 dBm	-21.47 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.59844 GHz	-40.75 dBm	-15.75 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61388 GHz	-39.45 dBm	-26.45 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61472 GHz	-40.64 dBm	-27.64 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63389 GHz	18.81 dBm	-11.19 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63511 GHz	-23.15 dBm	-10.15 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63626 GHz	-22.66 dBm	-9.66 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.67243 GHz	-40.62 dBm	-15.62 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72662 GHz	-45.67 dBm	-5.67 dB

Date: 6. JAN. 2023 13:58:23

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52317 GHz	-46.19 dBm	-6.19 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53891 GHz	-46.57 dBm	-21.57 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.60498 GHz	-35.92 dBm	-10.92 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61383 GHz	-28.80 dBm	-15.80 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61452 GHz	-35.15 dBm	-22.15 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62607 GHz	-1.20 dBm	-31.20 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63503 GHz	-33.67 dBm	-20.67 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63601 GHz	-28.39 dBm	-15.39 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.64510 GHz	-34.90 dBm	-9.90 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73963 GHz	-45.72 dBm	-5.72 dB

Date: 6. JAN. 2023 14:03:25

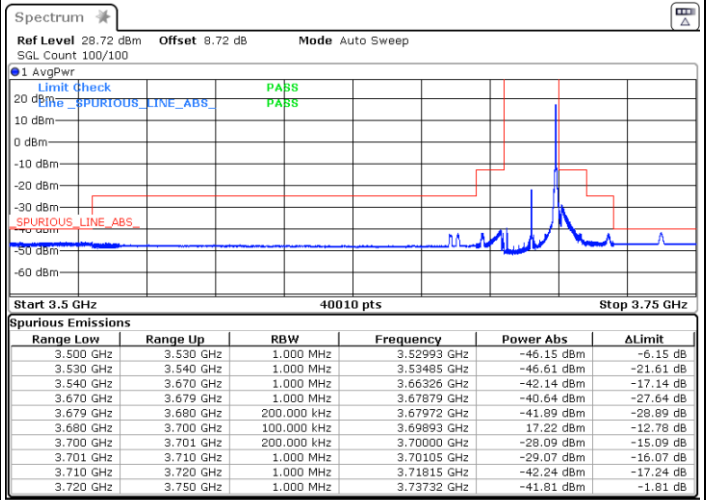
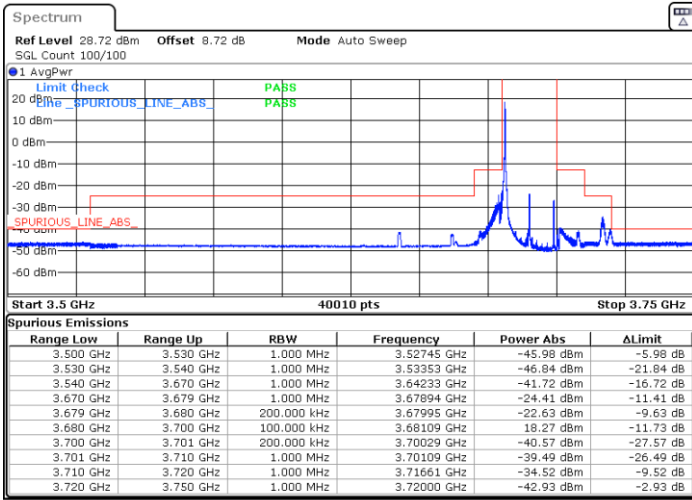


LTE Band 48 / 20MHz

16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

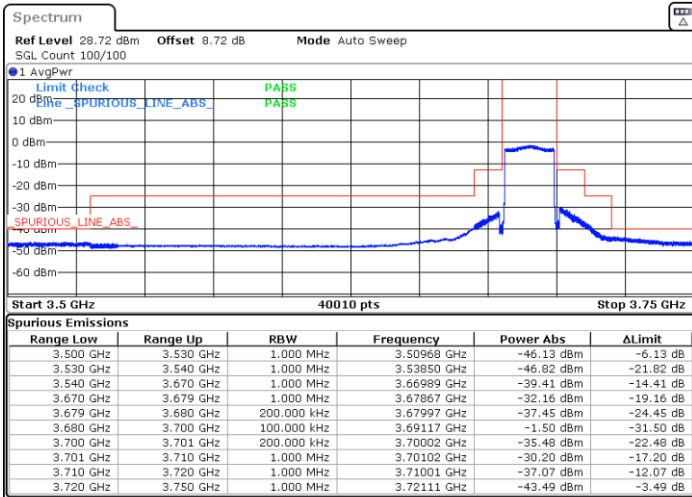


Date: 6. JAN. 2023 14:08:29

Date: 6. JAN. 2023 14:27:50

Highest Channel / FullIRB

N/A



Date: 6. JAN. 2023 14:18:37

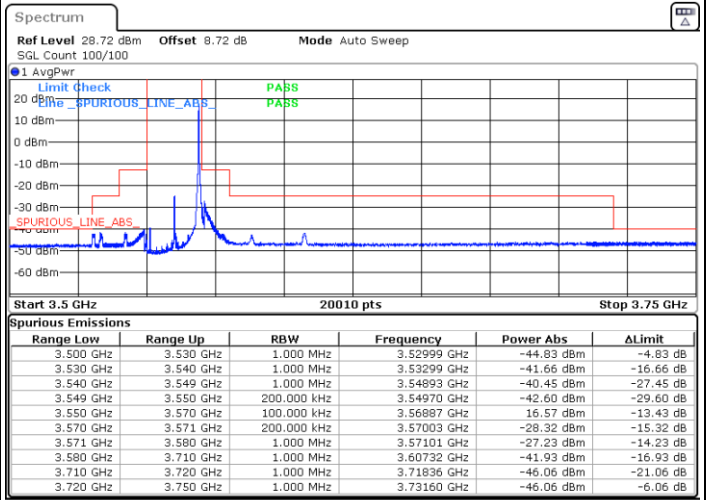
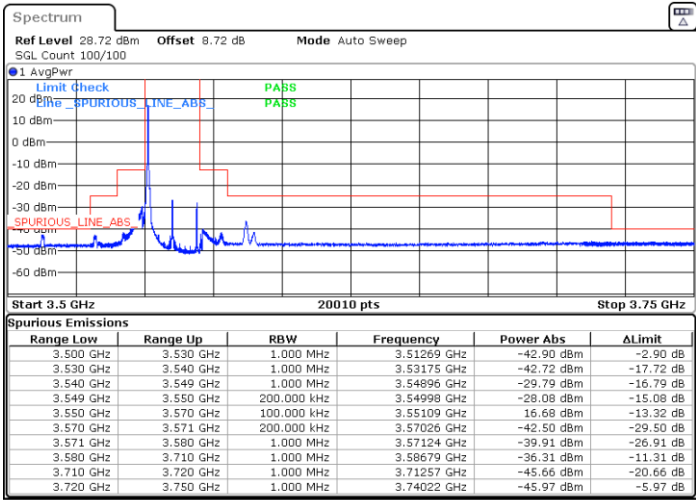


LTE Band 48 / 20MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

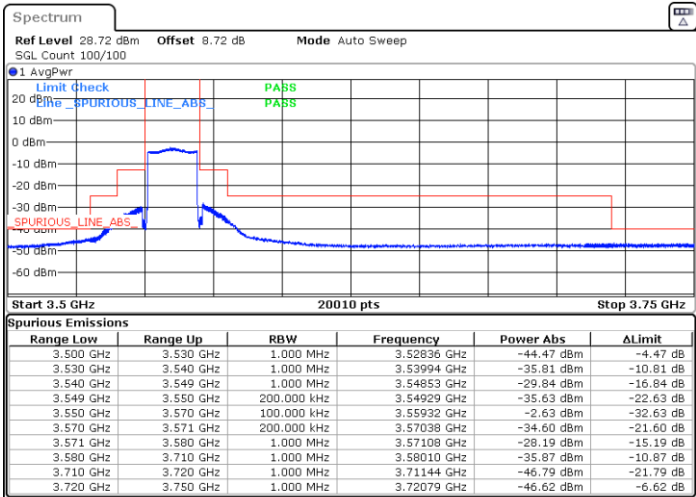


Date: 6. JAN. 2023 13:39:51

Date: 6. JAN. 2023 13:41:33

Lowest Channel / FullIRB

N/A



Date: 6. JAN. 2023 13:49:58

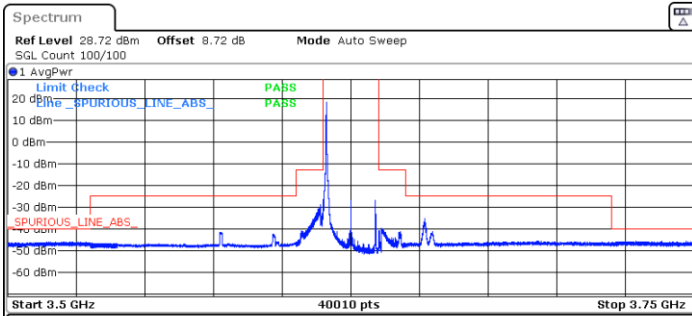


LTE Band 48 / 20MHz

64QAM

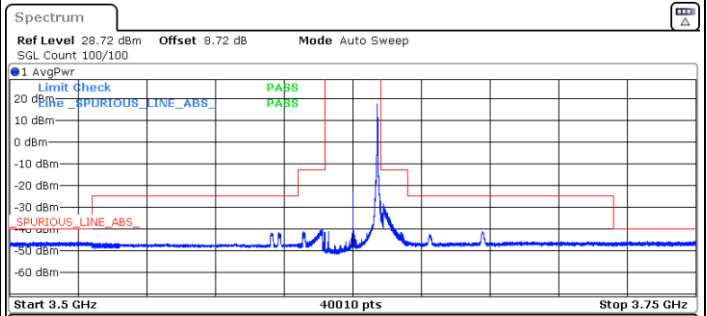
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52560 GHz	-46.05 dBm	-6.05 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53065 GHz	-46.65 dBm	-21.65 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.57799 GHz	-41.60 dBm	-16.60 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61392 GHz	-28.79 dBm	-15.79 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61498 GHz	-26.59 dBm	-13.59 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61606 GHz	18.14 dBm	-11.86 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63529 GHz	-40.85 dBm	-27.85 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63603 GHz	-39.52 dBm	-26.52 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.65196 GHz	-35.12 dBm	-10.12 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73831 GHz	-45.76 dBm	-5.76 dB

Date: 6. JAN. 2023 13:55:02

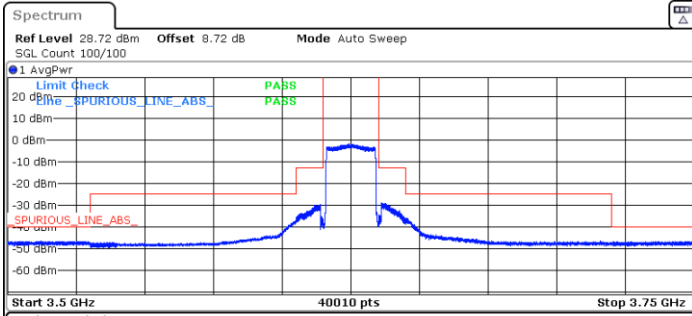


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52814 GHz	-45.91 dBm	-5.91 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53253 GHz	-46.62 dBm	-21.62 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.59807 GHz	-41.71 dBm	-16.71 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61391 GHz	-40.20 dBm	-27.20 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61470 GHz	-41.56 dBm	-28.56 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63390 GHz	17.48 dBm	-12.52 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63500 GHz	-27.35 dBm	-14.35 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63602 GHz	-28.63 dBm	-15.63 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.67225 GHz	-41.47 dBm	-16.47 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74952 GHz	-45.76 dBm	-5.76 dB

Date: 6. JAN. 2023 13:56:43

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51209 GHz	-46.53 dBm	-6.53 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53788 GHz	-47.18 dBm	-22.18 dB
3.540 GHz	3.605 GHz	1.000 MHz	3.60475 GHz	-37.09 dBm	-12.09 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.61395 GHz	-29.63 dBm	-16.63 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61425 GHz	-35.36 dBm	-22.36 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62422 GHz	-1.83 dBm	-31.83 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63510 GHz	-34.53 dBm	-21.53 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.63619 GHz	-28.96 dBm	-15.96 dB
3.645 GHz	3.720 GHz	1.000 MHz	3.64501 GHz	-36.11 dBm	-11.11 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73509 GHz	-46.76 dBm	-6.76 dB

Date: 6. JAN. 2023 14:05:06

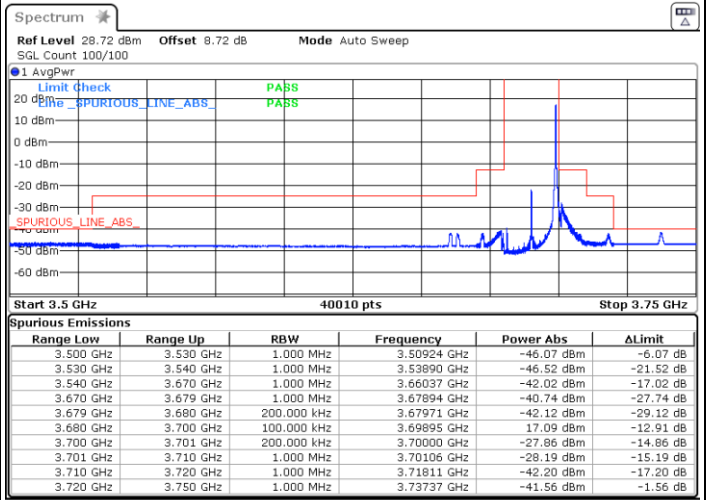
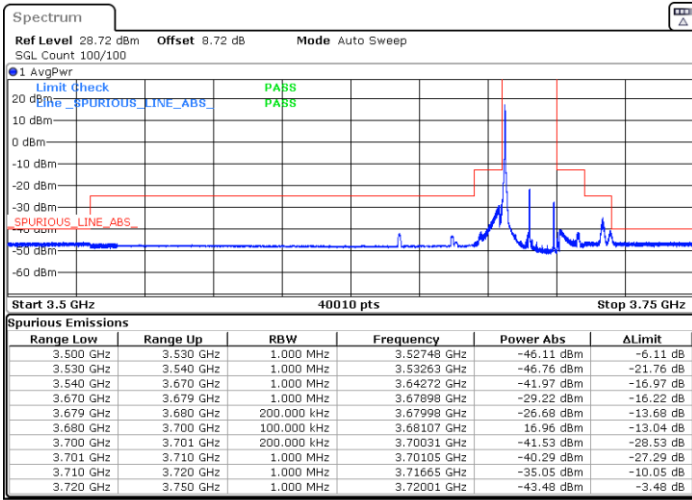


LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

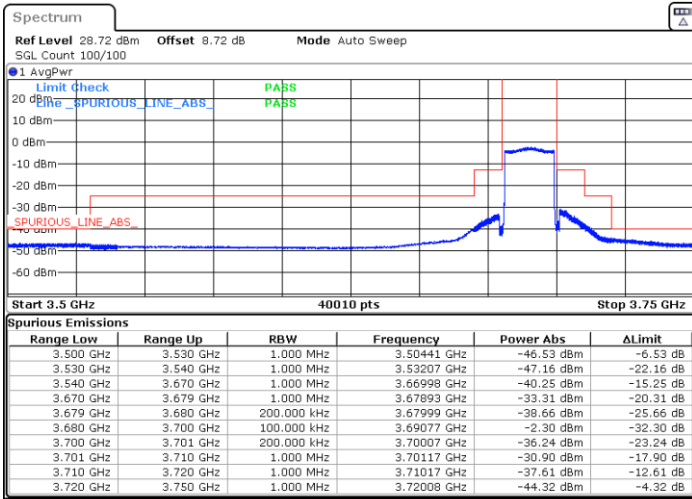


Date: 6. JAN. 2023 14:10:10

Date: 6. JAN. 2023 14:25:59

Highest Channel / FullIRB

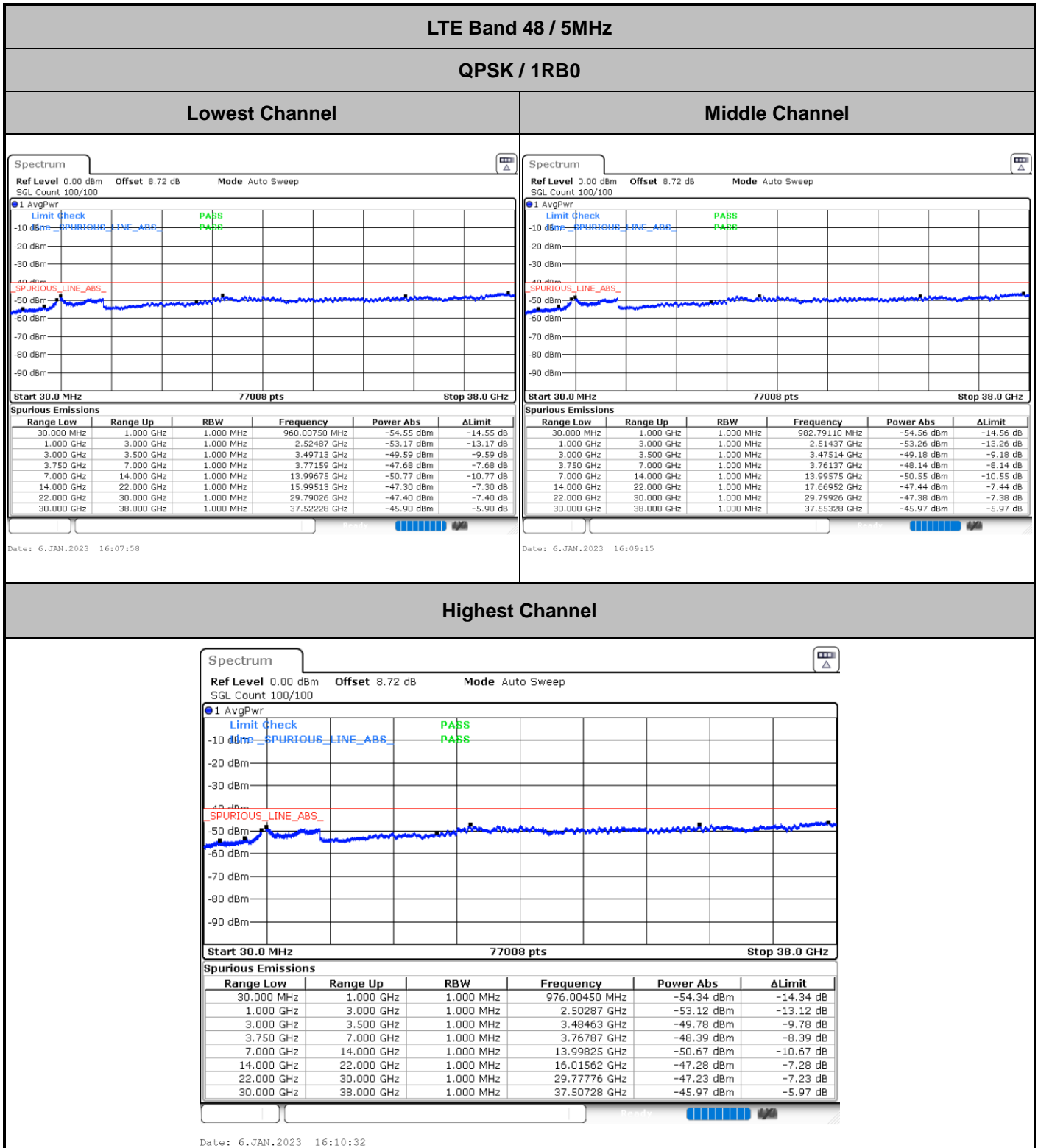
N/A



Date: 6. JAN. 2023 14:20:19



Conducted Spurious Emission



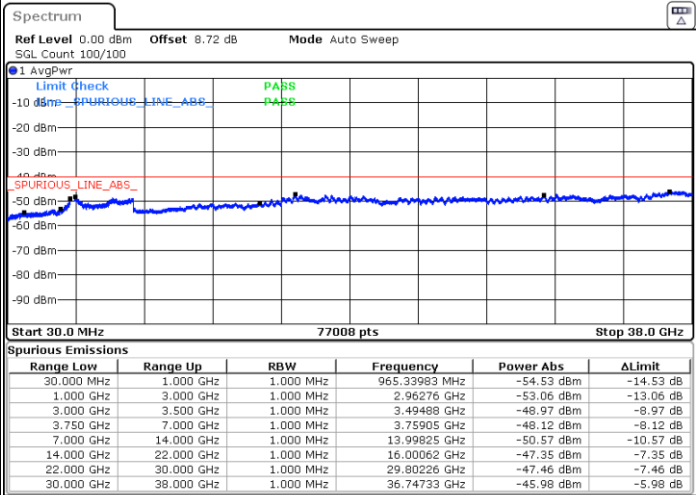
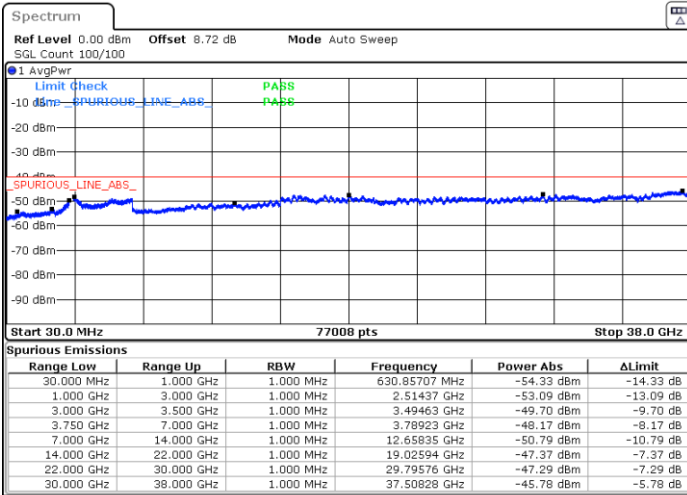


LTE Band 48 / 10MHz

QPSK / 1RB0

Lowest Channel

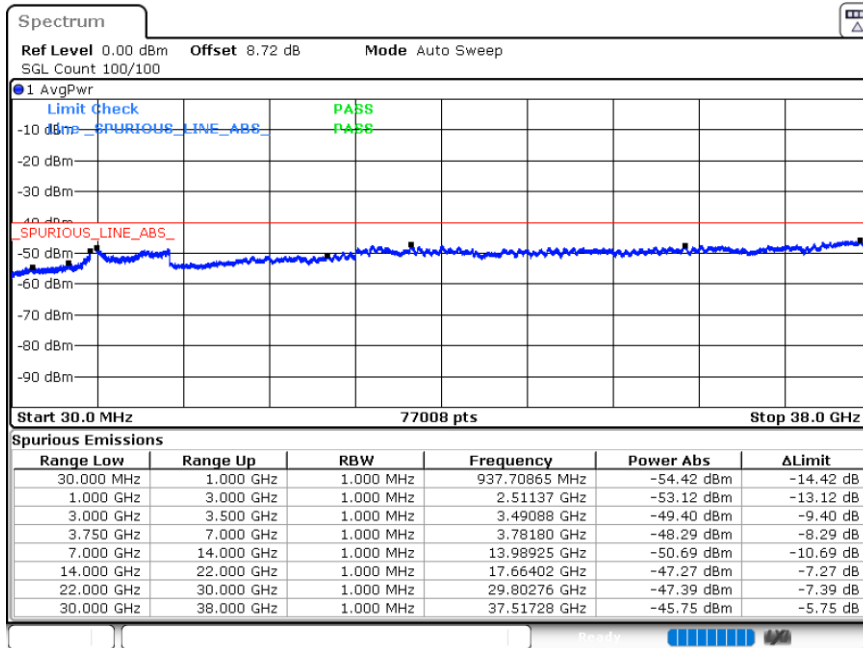
Middle Channel



Date: 6.JAN.2023 16:11:58

Date: 6.JAN.2023 16:13:16

Highest Channel



Date: 6.JAN.2023 16:14:34

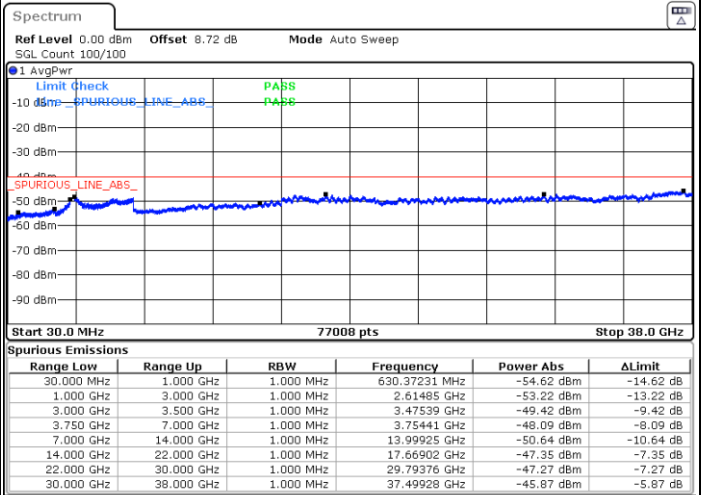
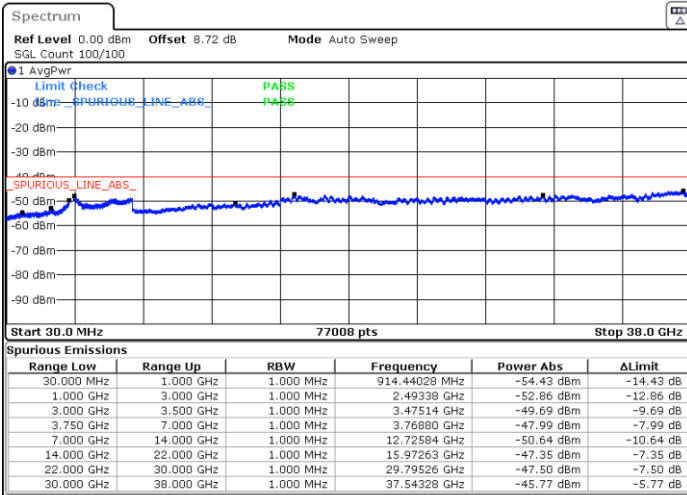


LTE Band 48 / 15MHz

QPSK / 1RB0

Lowest Channel

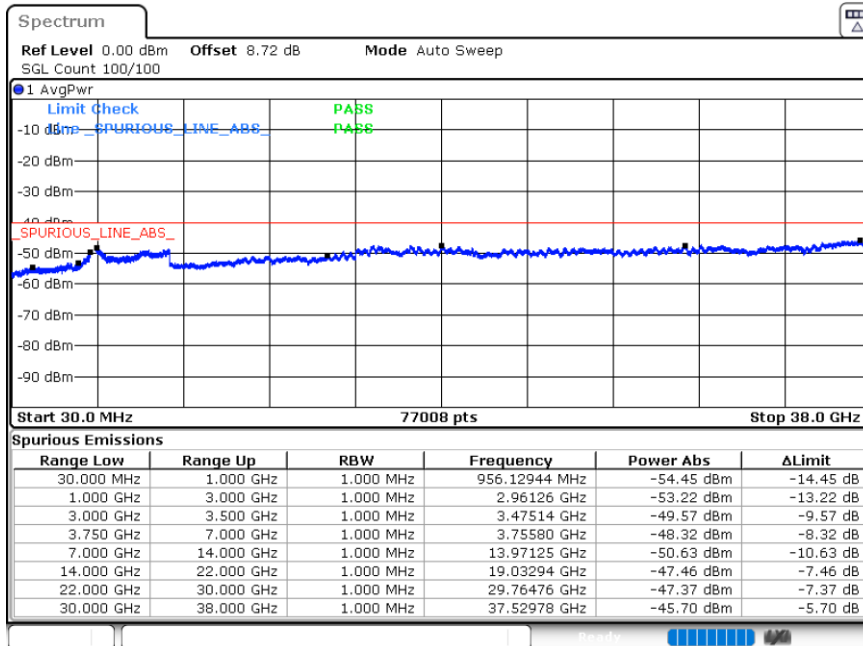
Middle Channel



Date: 6.JAN.2023 16:16:00

Date: 6.JAN.2023 16:17:24

Highest Channel



Date: 6.JAN.2023 16:18:45

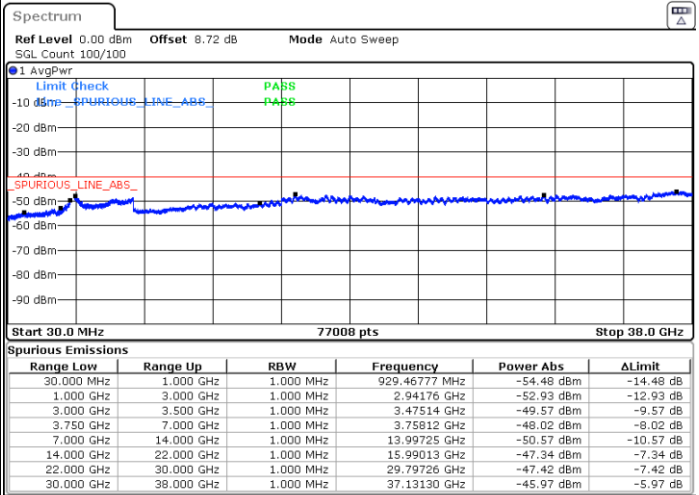
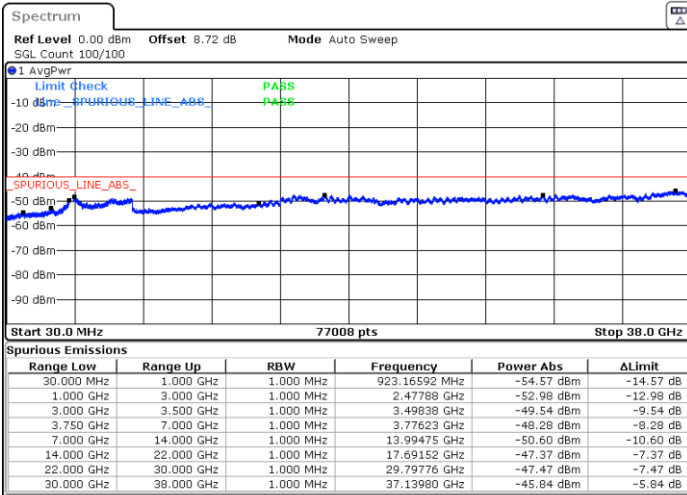


LTE Band 48 / 20MHz

QPSK / 1RB0

Lowest Channel

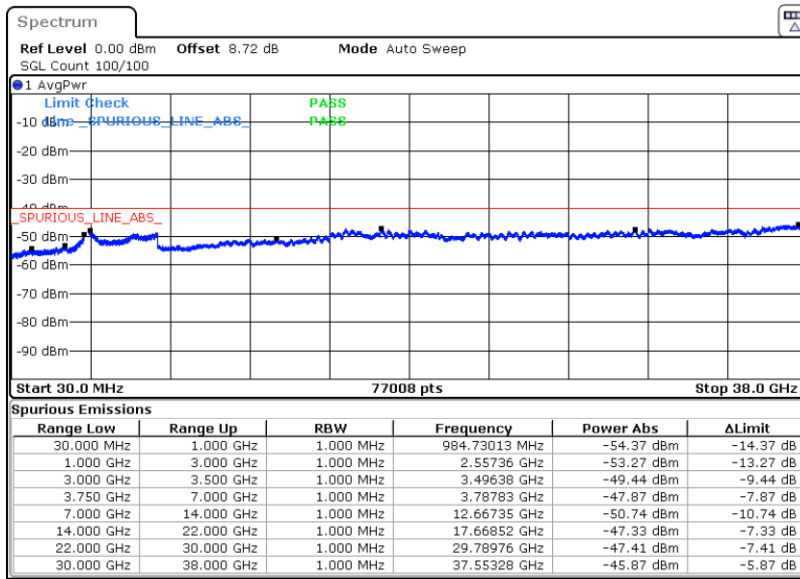
Middle Channel



Date: 6. JAN. 2023 16:20:07

Date: 6. JAN. 2023 16:21:27

Highest Channel



Date: 6. JAN. 2023 16:24:35



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0006	
20	Minimum Voltage	0.0022	

Note:

1. Normal Voltage =24 V. ; Minimum Voltage =20V. ; Maximum Voltage =28 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48 UL MIMO – Ant 0 + Ant 2

EIRP PSD Density

LTE Band 48 UL MIMO-Ant 0+ Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	EIRP PSD Limit
Channel				55340	55990	56640	37
Frequency (MHz)				3560	3625	3690	dBm/MHz
20	QPSK	1	0	28.56	28.37	28.71	pass
20	QPSK	1	99	28.78	28.27	29.38	pass
20	QPSK	100	0	17.18	16.51	16.49	pass
20	16QAM	1	0	27.93	27.98	28.13	pass
20	16QAM	1	99	28.41	27.74	28.12	pass
20	16QAM	100	0	16.61	15.94	15.90	pass
20	64QAM	1	0	27.61	27.58	27.24	pass
20	64QAM	1	99	28.02	27.36	27.20	pass
20	64QAM	100	0	16.15	15.50	15.00	pass
Channel				55315	55990	56665	37
Frequency (MHz)				3557.5	3625	3692.5	dBm/MHz
15	QPSK	1	0	28.39	28.29	28.70	pass
15	QPSK	1	74	28.71	28.25	28.47	pass
15	QPSK	75	0	17.96	17.57	17.97	pass
15	16QAM	1	0	28.16	27.80	28.04	pass
15	16QAM	1	74	28.23	27.96	28.22	pass
15	16QAM	75	0	17.56	17.09	17.59	pass
15	64QAM	1	0	27.49	27.34	27.82	pass
15	64QAM	1	74	27.87	27.31	27.53	pass
15	64QAM	75	0	16.56	16.01	16.52	pass
Channel				55290	55990	56690	37
Frequency (MHz)				3555	3625	3695	dBm/MHz
10	QPSK	1	0	28.63	28.37	28.70	pass
10	QPSK	1	49	28.75	28.47	28.48	pass
10	QPSK	50	0	19.66	19.47	19.73	pass
10	16QAM	1	0	28.18	28.15	28.16	pass
10	16QAM	1	49	28.27	27.96	28.32	pass
10	16QAM	50	0	19.21	18.82	19.29	pass
10	64QAM	1	0	27.57	27.42	27.70	pass
10	64QAM	1	49	27.72	27.47	27.67	pass
10	64QAM	50	0	18.15	17.91	18.42	pass
Channel				55265	55990	56715	37
Frequency (MHz)				3552.5	3625	3697.5	dBm/MHz
5	QPSK	1	0	27.69	27.58	27.82	pass
5	QPSK	1	24	28.02	27.82	27.78	pass



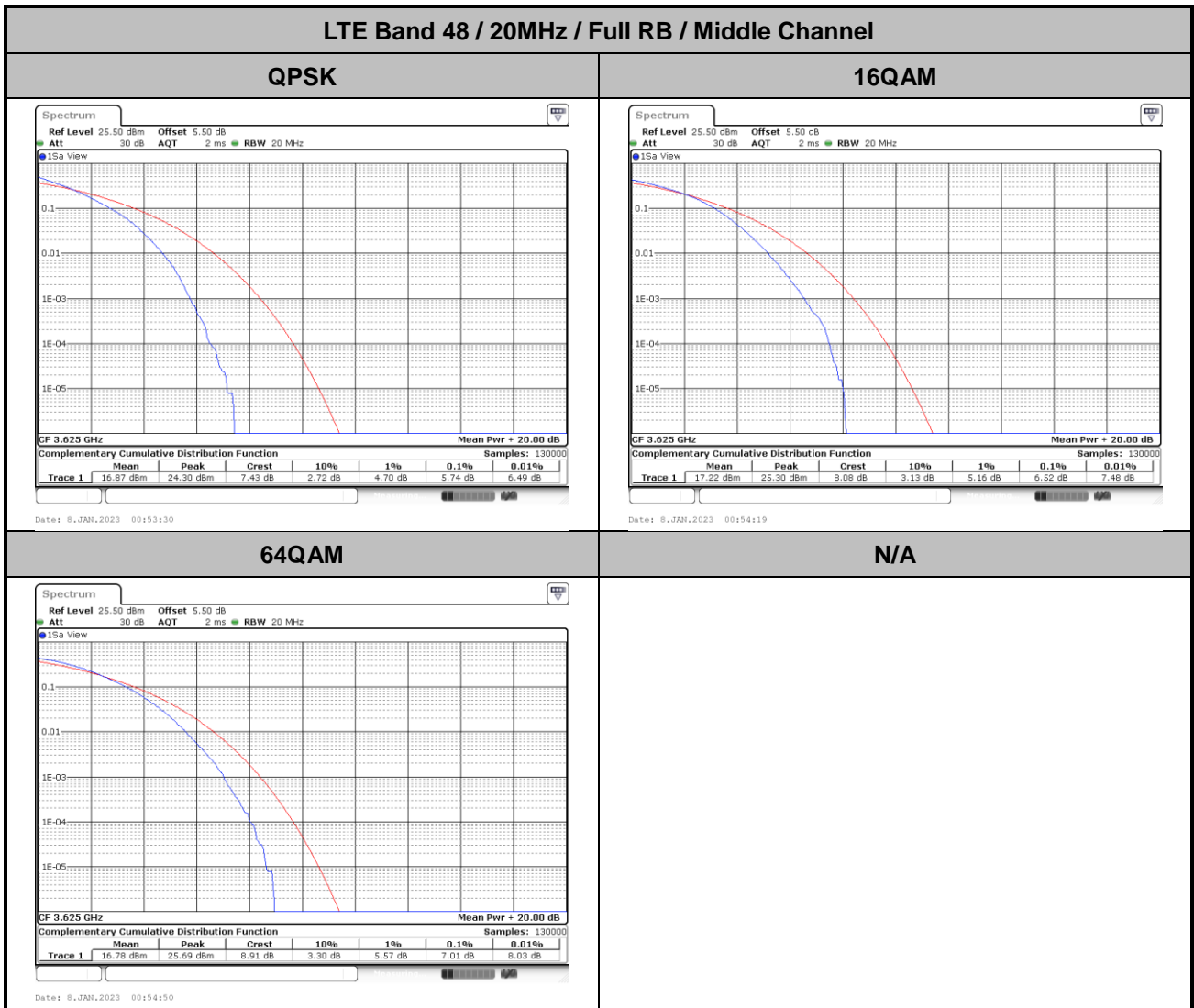
5	QPSK	25	0	22.26	22.14	22.17	pass
5	16QAM	1	0	27.97	27.49	27.79	pass
5	16QAM	1	24	28.09	27.79	27.81	pass
5	16QAM	25	0	22.27	22.16	22.32	pass
5	64QAM	1	0	27.90	27.92	28.16	pass
5	64QAM	1	24	28.22	27.70	27.91	pass
5	64QAM	25	0	21.33	21.16	21.48	pass



LTE Band 48 UL MIMO – Ant 0

Peak-to-Average Ratio

Mode	LTE Band 48 / 20MHz				
Mod.	QPSK	16QAM	64QAM	N/A	Limit: 13dB
RB Size	Full RB				Result
Middle CH	5.74	6.52	7.01		PASS





26dB Bandwidth

Mode	LTE Band 48 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.91	5.00
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	10.23	9.93
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.21	14.36
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.70	18.74

