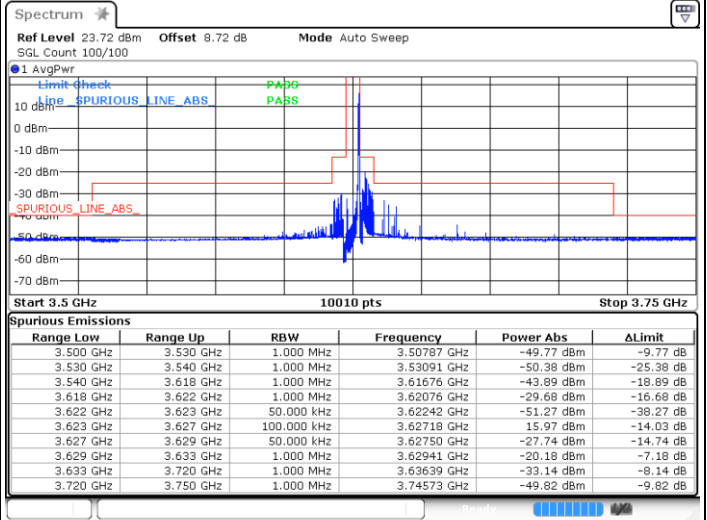
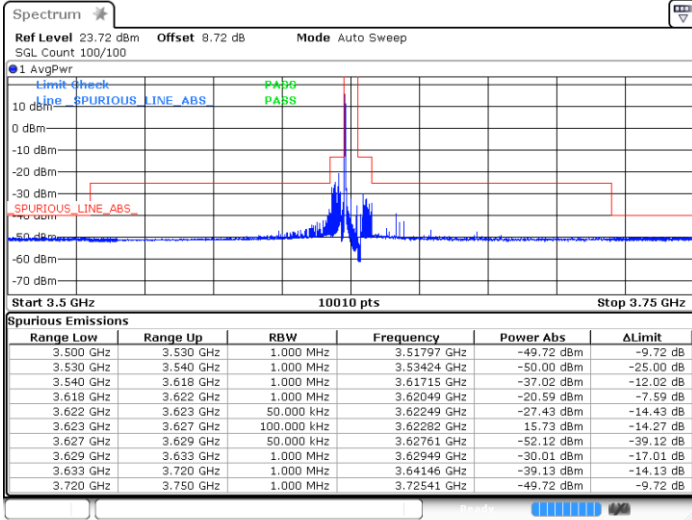




256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

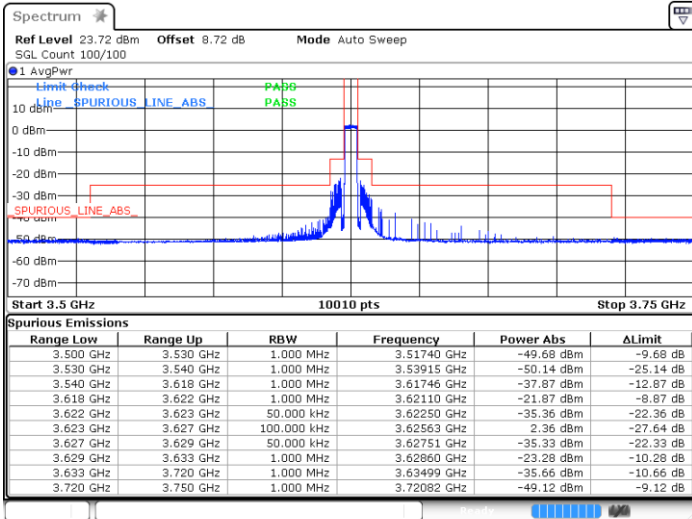


Date: 18 FEB 2022 23:42:44

Date: 18 FEB 2022 23:52:18

Middle Channel / Full RB

N/A



Date: 18 FEB 2022 23:38:26

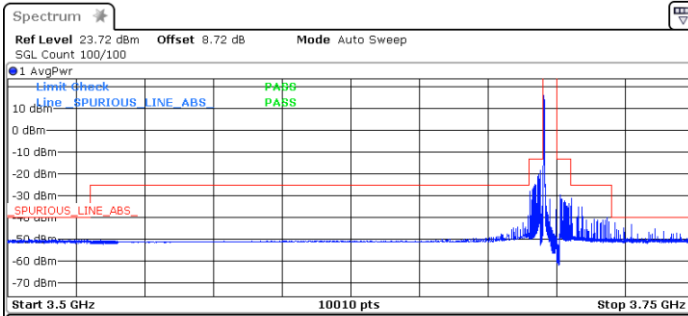


LTE Band 48 / 5MHz

256QAM

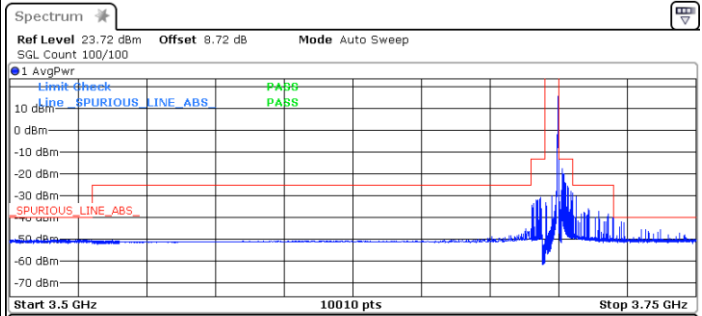
Highest Channel / 1RB0

Highest Channel / 1RBmax



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50805 GHz | -49.94 dBm | -9.94 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53396 GHz | -50.41 dBm | -25.41 dB |
| 3.540 GHz | 3.690 GHz | 1.000 MHz | 3.68948 GHz | -39.03 dBm | -14.03 dB |
| 3.690 GHz | 3.694 GHz | 1.000 MHz | 3.69383 GHz | -18.22 dBm | -5.22 dB |
| 3.694 GHz | 3.695 GHz | 50.000 kHz | 3.69500 GHz | -27.42 dBm | -14.42 dB |
| 3.695 GHz | 3.700 GHz | 100.000 kHz | 3.69534 GHz | 16.13 dBm | -13.87 dB |
| 3.700 GHz | 3.701 GHz | 50.000 kHz | 3.70000 GHz | -52.10 dBm | -39.10 dB |
| 3.701 GHz | 3.705 GHz | 1.000 MHz | 3.70113 GHz | -29.51 dBm | -16.51 dB |
| 3.705 GHz | 3.720 GHz | 1.000 MHz | 3.70549 GHz | -31.06 dBm | -6.06 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72106 GHz | -42.23 dBm | -2.23 dB |

Date: 19 FEB 2022 00:22:15

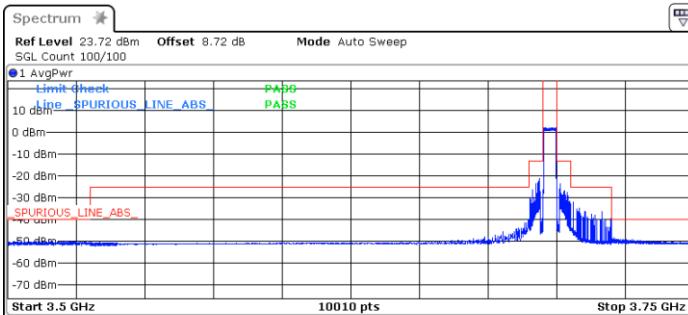


| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51386 GHz | -50.00 dBm | -10.00 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53736 GHz | -50.40 dBm | -25.40 dB |
| 3.540 GHz | 3.690 GHz | 1.000 MHz | 3.68783 GHz | -44.89 dBm | -19.89 dB |
| 3.690 GHz | 3.694 GHz | 1.000 MHz | 3.69324 GHz | -30.72 dBm | -17.72 dB |
| 3.694 GHz | 3.695 GHz | 50.000 kHz | 3.69484 GHz | -52.00 dBm | -39.00 dB |
| 3.695 GHz | 3.700 GHz | 100.000 kHz | 3.69963 GHz | 15.67 dBm | -14.33 dB |
| 3.700 GHz | 3.701 GHz | 50.000 kHz | 3.70000 GHz | -27.22 dBm | -14.22 dB |
| 3.701 GHz | 3.705 GHz | 1.000 MHz | 3.70115 GHz | -17.67 dBm | -4.67 dB |
| 3.705 GHz | 3.720 GHz | 1.000 MHz | 3.70624 GHz | -30.30 dBm | -5.30 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72274 GHz | -41.70 dBm | -1.70 dB |

Date: 19 FEB 2022 01:07:05

Highest Channel / Full RB

N/A



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50220 GHz | -49.90 dBm | -9.90 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53355 GHz | -50.30 dBm | -25.30 dB |
| 3.540 GHz | 3.690 GHz | 1.000 MHz | 3.68948 GHz | -40.07 dBm | -15.07 dB |
| 3.690 GHz | 3.694 GHz | 1.000 MHz | 3.69380 GHz | -21.11 dBm | -8.11 dB |
| 3.694 GHz | 3.695 GHz | 50.000 kHz | 3.69499 GHz | -35.53 dBm | -22.53 dB |
| 3.695 GHz | 3.700 GHz | 100.000 kHz | 3.69957 GHz | 2.28 dBm | -27.72 dB |
| 3.700 GHz | 3.701 GHz | 50.000 kHz | 3.70000 GHz | -35.08 dBm | -22.08 dB |
| 3.701 GHz | 3.705 GHz | 1.000 MHz | 3.70140 GHz | -23.52 dBm | -10.52 dB |
| 3.705 GHz | 3.720 GHz | 1.000 MHz | 3.70612 GHz | -31.68 dBm | -6.68 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72079 GHz | -48.44 dBm | -8.44 dB |

Date: 19 FEB 2022 01:24:51

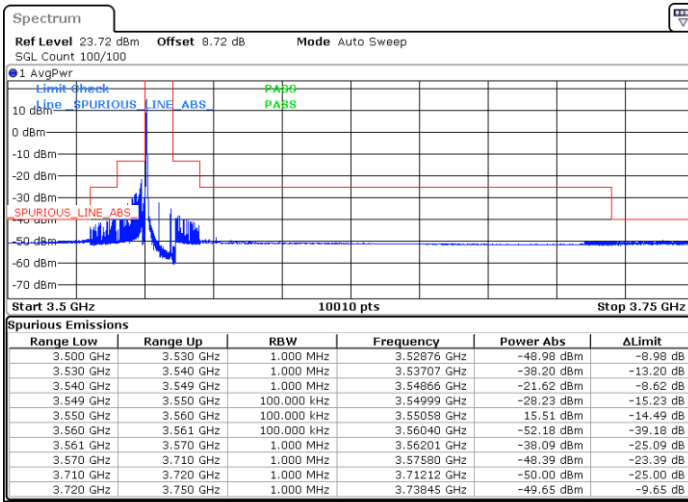


LTE Band 48 / 10MHz

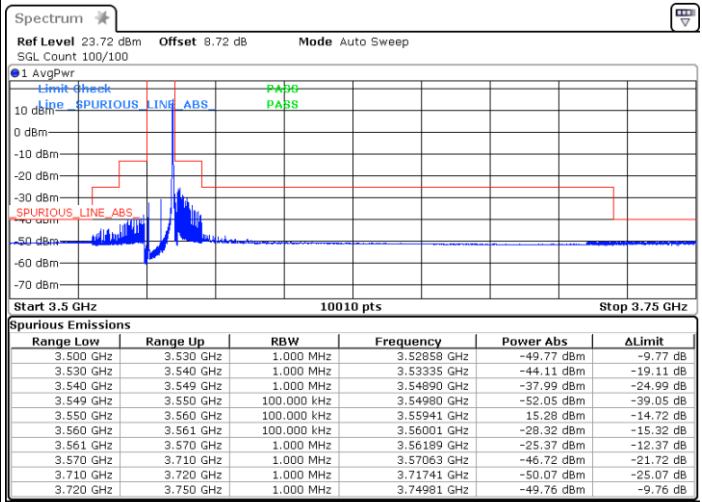
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



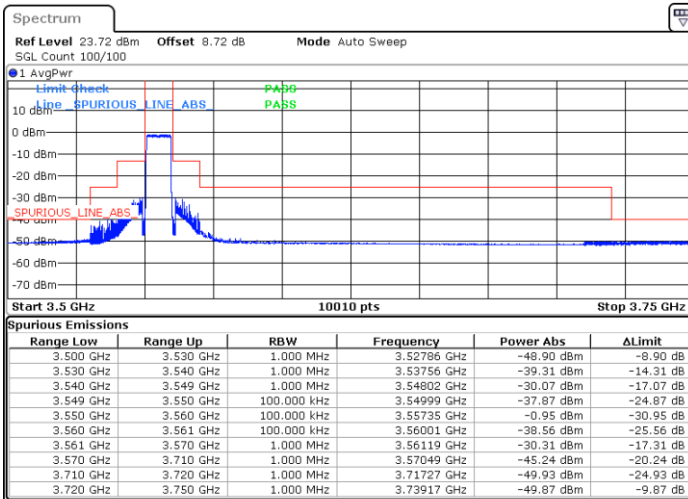
Date: 19 FEB 2022 02:28:38



Date: 19 FEB 2022 02:27:07

Lowest Channel / Full RB

N/A



Date: 19 FEB 2022 02:29:54

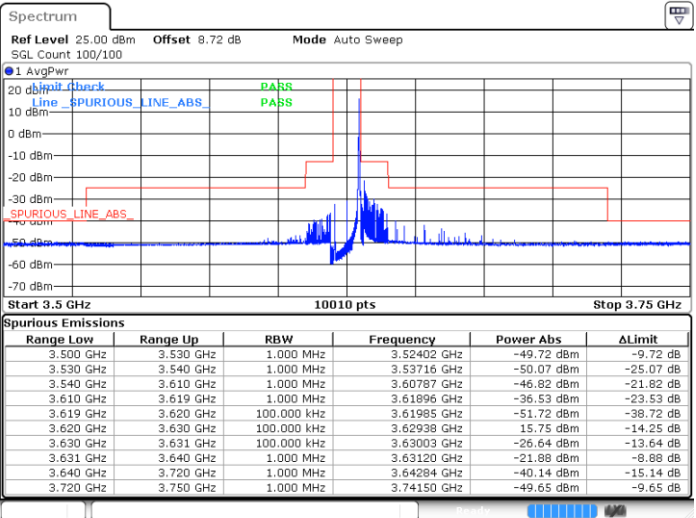
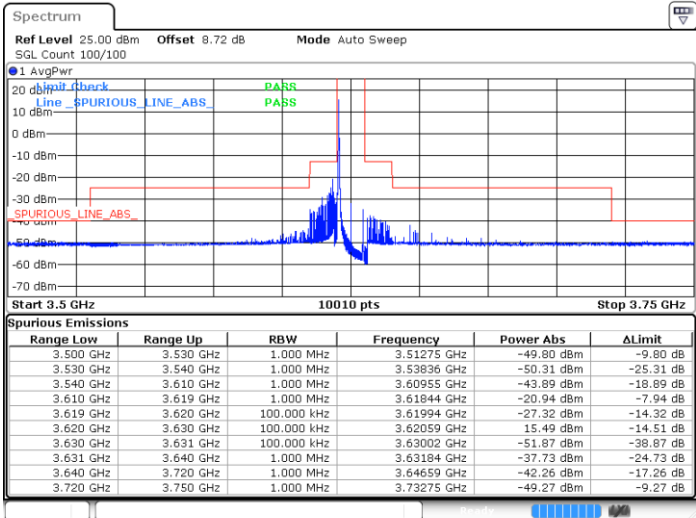


LTE Band 48 / 10MHz

256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

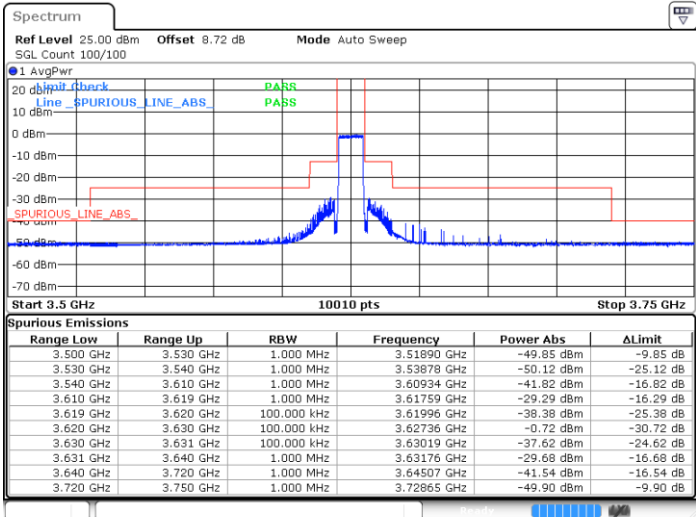


Date: 19 FEB 2022 02:23:10

Date: 19 FEB 2022 02:24:15

Middle Channel / Full RB

N/A



Date: 19 FEB 2022 02:22:00

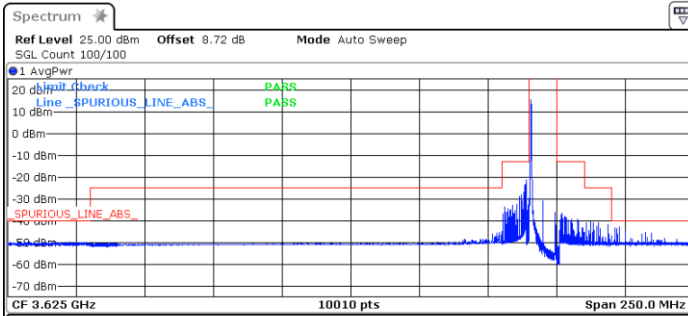


LTE Band 48 / 10MHz

256QAM

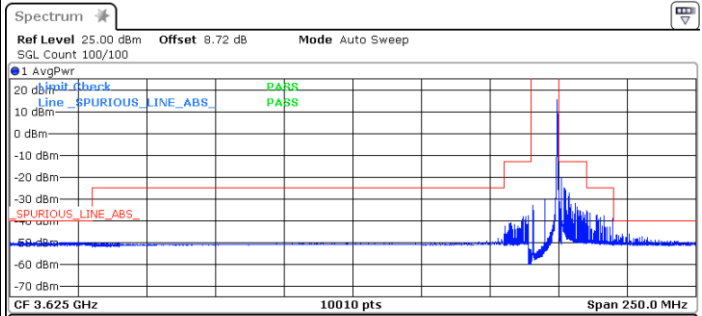
Highest Channel / 1RB0

Highest Channel / 1RBmax



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52243 GHz | -49.61 dBm | -9.61 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53813 GHz | -50.31 dBm | -25.31 dB |
| 3.540 GHz | 3.680 GHz | 1.000 MHz | 3.67895 GHz | -45.43 dBm | -20.43 dB |
| 3.680 GHz | 3.689 GHz | 1.000 MHz | 3.68887 GHz | -21.35 dBm | -8.35 dB |
| 3.689 GHz | 3.690 GHz | 100.000 kHz | 3.68995 GHz | -29.78 dBm | -16.78 dB |
| 3.690 GHz | 3.700 GHz | 100.000 kHz | 3.69061 GHz | 15.58 dBm | -14.42 dB |
| 3.700 GHz | 3.701 GHz | 100.000 kHz | 3.70077 GHz | -51.79 dBm | -38.79 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70198 GHz | -36.54 dBm | -23.54 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71230 GHz | -40.54 dBm | -15.54 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72280 GHz | -43.19 dBm | -3.19 dB |

Date: 19 FEB 2022 02:03:30

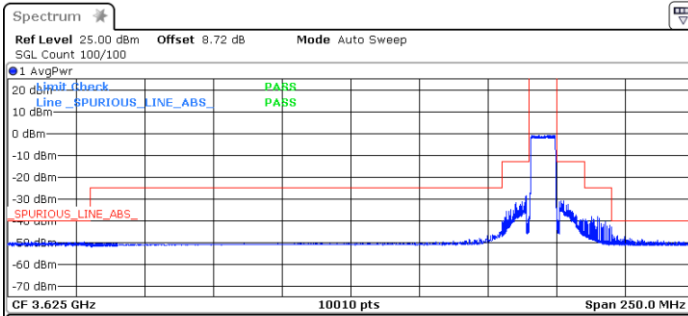


| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50643 GHz | -49.96 dBm | -9.96 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53398 GHz | -50.39 dBm | -25.39 dB |
| 3.540 GHz | 3.680 GHz | 1.000 MHz | 3.67769 GHz | -48.27 dBm | -23.27 dB |
| 3.680 GHz | 3.689 GHz | 1.000 MHz | 3.68892 GHz | -37.85 dBm | -24.85 dB |
| 3.689 GHz | 3.690 GHz | 100.000 kHz | 3.68938 GHz | -53.17 dBm | -40.17 dB |
| 3.690 GHz | 3.700 GHz | 100.000 kHz | 3.69939 GHz | 15.41 dBm | -14.59 dB |
| 3.700 GHz | 3.701 GHz | 100.000 kHz | 3.70001 GHz | -28.93 dBm | -15.93 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70101 GHz | -20.33 dBm | -7.33 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71024 GHz | -35.26 dBm | -10.26 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72574 GHz | -46.04 dBm | -6.04 dB |

Date: 19 FEB 2022 02:13:37

Highest Channel / Full RB

N/A



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50859 GHz | -49.99 dBm | -9.99 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53626 GHz | -50.41 dBm | -25.41 dB |
| 3.540 GHz | 3.680 GHz | 1.000 MHz | 3.67979 GHz | -44.99 dBm | -19.99 dB |
| 3.680 GHz | 3.689 GHz | 1.000 MHz | 3.68900 GHz | -28.59 dBm | -15.59 dB |
| 3.689 GHz | 3.690 GHz | 100.000 kHz | 3.68999 GHz | -38.12 dBm | -25.12 dB |
| 3.690 GHz | 3.700 GHz | 100.000 kHz | 3.69742 GHz | -0.87 dBm | -30.87 dB |
| 3.700 GHz | 3.701 GHz | 100.000 kHz | 3.70001 GHz | -36.07 dBm | -23.07 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70262 GHz | -30.91 dBm | -17.91 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71267 GHz | -38.16 dBm | -13.16 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72016 GHz | -46.69 dBm | -6.69 dB |

Date: 19 FEB 2022 02:20:16

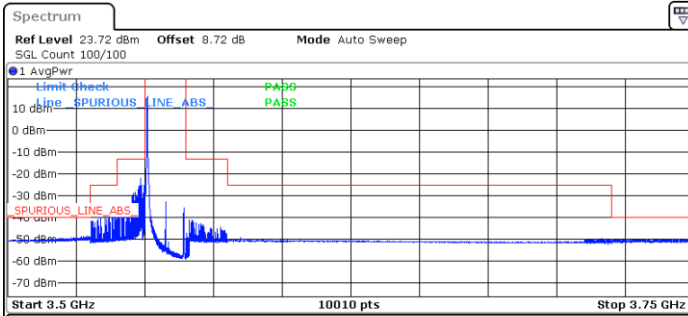


LTE Band 48 / 15MHz

256QAM

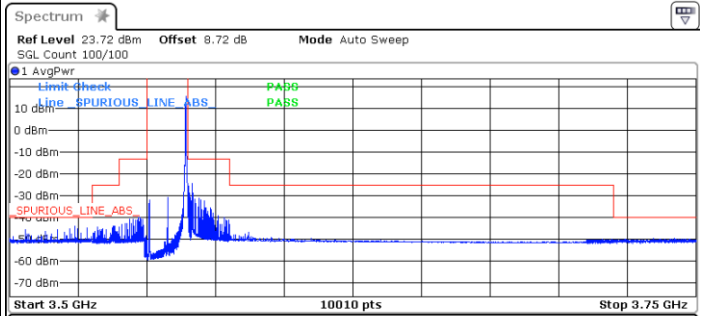
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52885 GHz | -48.41 dBm | -8.41 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53991 GHz | -36.95 dBm | -11.95 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54859 GHz | -21.86 dBm | -8.86 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54998 GHz | -24.12 dBm | -11.12 dB |
| 3.550 GHz | 3.565 GHz | 100.000 kHz | 3.55082 GHz | 15.67 dBm | -14.33 dB |
| 3.565 GHz | 3.566 GHz | 200.000 kHz | 3.56519 GHz | -47.23 dBm | -34.23 dB |
| 3.566 GHz | 3.580 GHz | 1.000 MHz | 3.56622 GHz | -40.97 dBm | -27.97 dB |
| 3.580 GHz | 3.710 GHz | 1.000 MHz | 3.58474 GHz | -49.27 dBm | -24.27 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71641 GHz | -49.48 dBm | -24.48 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74717 GHz | -49.70 dBm | -9.70 dB |

Date: 19 FEB 2022 02:59:55

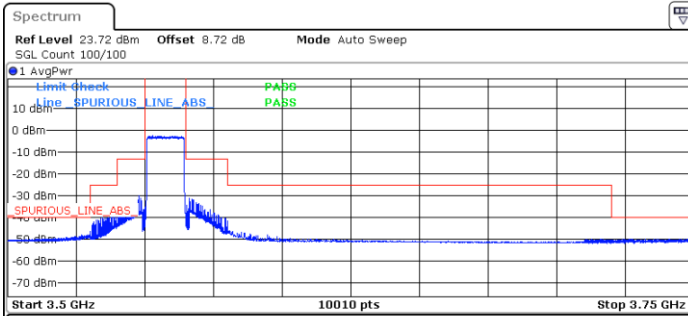


| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52375 GHz | -44.03 dBm | -4.03 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53630 GHz | -43.70 dBm | -18.70 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54683 GHz | -39.61 dBm | -26.61 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54968 GHz | -48.46 dBm | -35.46 dB |
| 3.550 GHz | 3.565 GHz | 100.000 kHz | 3.56412 GHz | 15.68 dBm | -14.32 dB |
| 3.565 GHz | 3.566 GHz | 200.000 kHz | 3.56501 GHz | -24.45 dBm | -11.45 dB |
| 3.566 GHz | 3.580 GHz | 1.000 MHz | 3.56655 GHz | -24.12 dBm | -11.12 dB |
| 3.580 GHz | 3.710 GHz | 1.000 MHz | 3.58695 GHz | -46.70 dBm | -21.70 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71584 GHz | -49.86 dBm | -24.86 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.73434 GHz | -49.44 dBm | -9.44 dB |

Date: 19 FEB 2022 03:01:53

Lowest Channel / Full RB

N/A



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52993 GHz | -47.49 dBm | -7.49 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53856 GHz | -38.43 dBm | -13.43 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54776 GHz | -29.74 dBm | -16.74 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54995 GHz | -35.18 dBm | -22.18 dB |
| 3.550 GHz | 3.565 GHz | 100.000 kHz | 3.55296 GHz | -2.44 dBm | -32.44 dB |
| 3.565 GHz | 3.566 GHz | 200.000 kHz | 3.56508 GHz | -34.12 dBm | -21.12 dB |
| 3.566 GHz | 3.580 GHz | 1.000 MHz | 3.56605 GHz | -31.19 dBm | -18.19 dB |
| 3.580 GHz | 3.710 GHz | 1.000 MHz | 3.58058 GHz | -45.73 dBm | -20.73 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71604 GHz | -49.91 dBm | -24.91 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74528 GHz | -49.69 dBm | -9.69 dB |

Date: 19 FEB 2022 03:12:50

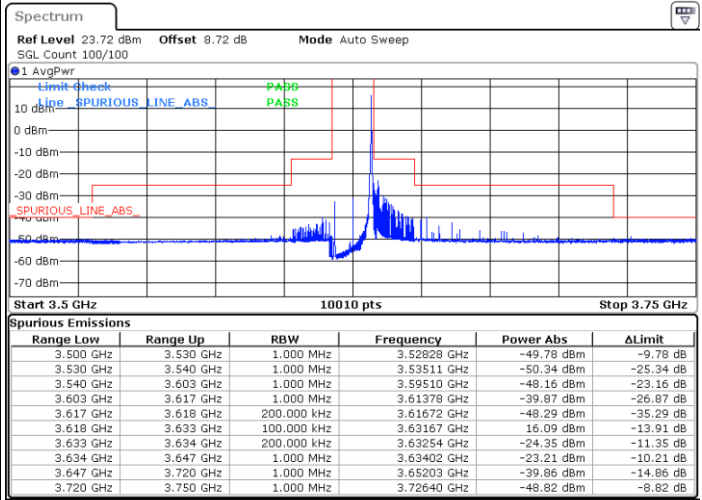
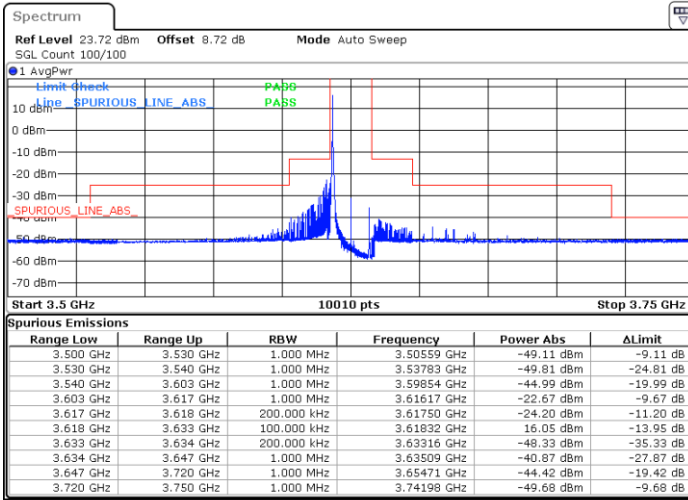


LTE Band 48 / 15MHz

256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

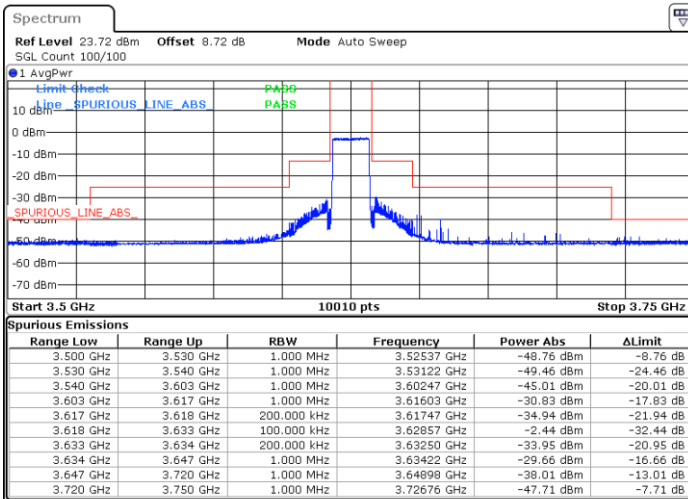


Date: 19 FEB 2022 03:18:20

Date: 19 FEB 2022 03:21:22

Middle Channel / Full RB

N/A



Date: 19 FEB 2022 03:28:45

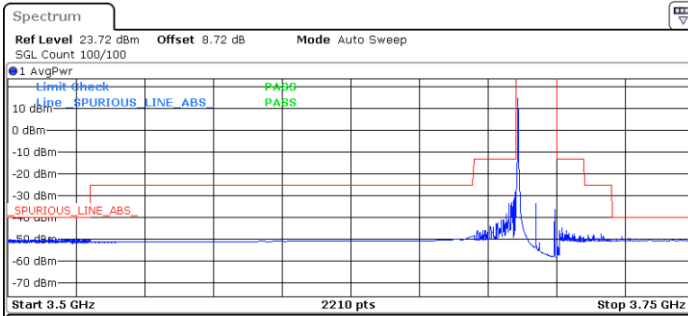


LTE Band 48 / 15MHz

256QAM

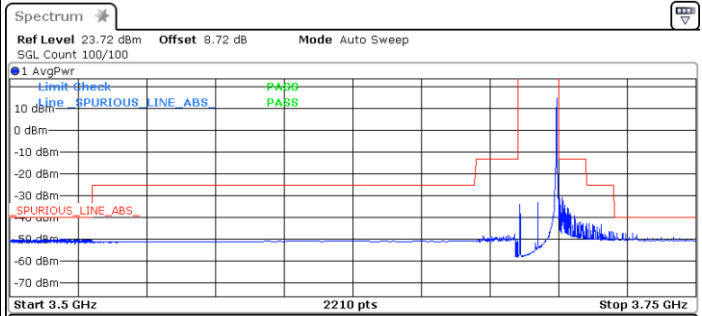
Highest Channel / 1RB0

Highest Channel / 1RBmax



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51782 GHz | -49.75 dBm | -9.75 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53421 GHz | -50.94 dBm | -25.94 dB |
| 3.540 GHz | 3.670 GHz | 1.000 MHz | 3.66936 GHz | -48.61 dBm | -23.61 dB |
| 3.670 GHz | 3.684 GHz | 1.000 MHz | 3.68351 GHz | -33.10 dBm | -20.10 dB |
| 3.684 GHz | 3.685 GHz | 200.000 kHz | 3.68499 GHz | -27.38 dBm | -14.38 dB |
| 3.685 GHz | 3.700 GHz | 100.000 kHz | 3.68582 GHz | 14.93 dBm | -15.07 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70004 GHz | -52.24 dBm | -39.24 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70194 GHz | -44.86 dBm | -31.86 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71619 GHz | -47.31 dBm | -22.31 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72371 GHz | -48.84 dBm | -8.84 dB |

Date: 19 FEB 2022 03:36:39

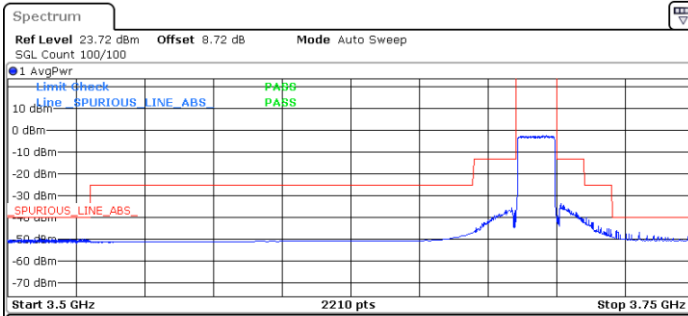


| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51000 GHz | -49.76 dBm | -9.76 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53886 GHz | -50.94 dBm | -25.94 dB |
| 3.540 GHz | 3.670 GHz | 1.000 MHz | 3.66936 GHz | -50.59 dBm | -25.59 dB |
| 3.670 GHz | 3.684 GHz | 1.000 MHz | 3.68379 GHz | -47.48 dBm | -34.48 dB |
| 3.684 GHz | 3.685 GHz | 200.000 kHz | 3.68412 GHz | -50.24 dBm | -37.24 dB |
| 3.685 GHz | 3.700 GHz | 100.000 kHz | 3.69918 GHz | 15.01 dBm | -14.99 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70016 GHz | -31.19 dBm | -18.19 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70122 GHz | -30.59 dBm | -17.59 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71015 GHz | -42.75 dBm | -17.75 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72698 GHz | -47.02 dBm | -7.02 dB |

Date: 19 FEB 2022 03:53:20

Highest Channel / Full RB

N/A



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51179 GHz | -49.59 dBm | -9.59 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53906 GHz | -50.96 dBm | -25.96 dB |
| 3.540 GHz | 3.670 GHz | 1.000 MHz | 3.66936 GHz | -47.17 dBm | -22.17 dB |
| 3.670 GHz | 3.684 GHz | 1.000 MHz | 3.68328 GHz | -35.67 dBm | -22.67 dB |
| 3.684 GHz | 3.685 GHz | 200.000 kHz | 3.68485 GHz | -36.61 dBm | -23.61 dB |
| 3.685 GHz | 3.700 GHz | 100.000 kHz | 3.69488 GHz | -2.41 dBm | -32.41 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70040 GHz | -39.02 dBm | -26.02 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70149 GHz | -33.46 dBm | -20.46 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71074 GHz | -39.92 dBm | -14.92 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72163 GHz | -45.89 dBm | -5.89 dB |

Date: 19 FEB 2022 04:00:53

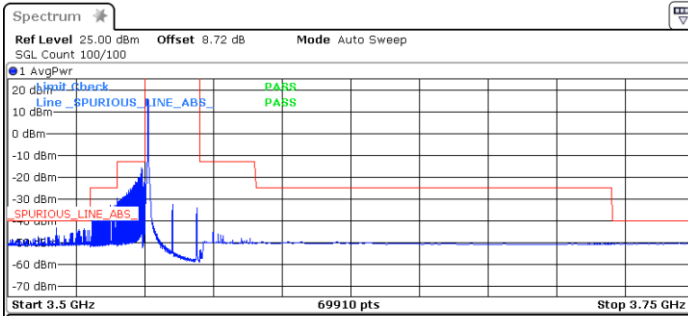


LTE Band 48 / 20MHz

256QAM

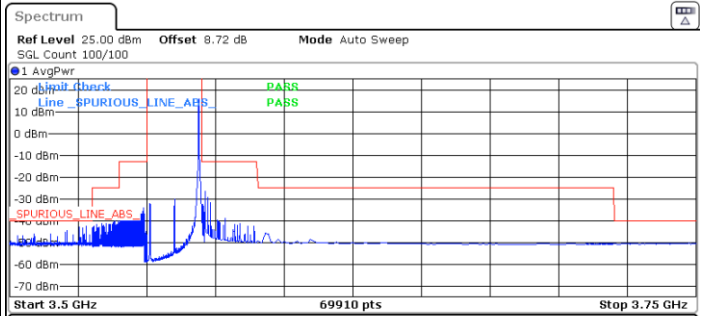
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51782 GHz | -43.23 dBm | -3.23 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53990 GHz | -29.66 dBm | -4.66 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54865 GHz | -15.89 dBm | -2.89 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54999 GHz | -22.34 dBm | -9.34 dB |
| 3.550 GHz | 3.570 GHz | 100.000 kHz | 3.55107 GHz | 15.79 dBm | -14.21 dB |
| 3.570 GHz | 3.571 GHz | 200.000 kHz | 3.57030 GHz | -53.24 dBm | -40.24 dB |
| 3.571 GHz | 3.590 GHz | 1.000 MHz | 3.57504 GHz | -45.26 dBm | -32.26 dB |
| 3.590 GHz | 3.710 GHz | 1.000 MHz | 3.60248 GHz | -49.74 dBm | -24.74 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71559 GHz | -50.62 dBm | -25.62 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74450 GHz | -50.39 dBm | -10.39 dB |

Date: 19 FEB 2022 04:46:32

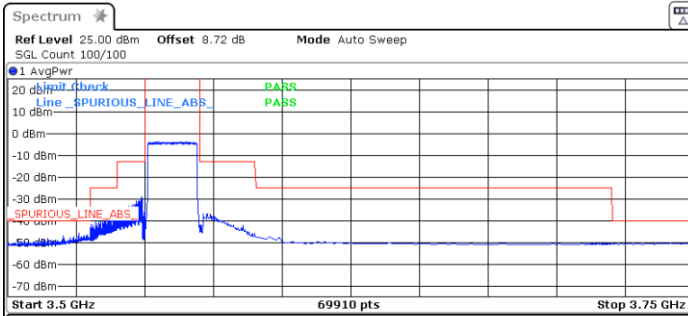


| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52771 GHz | -42.50 dBm | -2.50 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53821 GHz | -39.54 dBm | -14.54 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54869 GHz | -34.06 dBm | -21.06 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.54983 GHz | -45.11 dBm | -32.11 dB |
| 3.550 GHz | 3.570 GHz | 100.000 kHz | 3.56893 GHz | 15.73 dBm | -14.27 dB |
| 3.570 GHz | 3.571 GHz | 200.000 kHz | 3.57004 GHz | -32.41 dBm | -19.41 dB |
| 3.571 GHz | 3.590 GHz | 1.000 MHz | 3.57128 GHz | -26.56 dBm | -13.56 dB |
| 3.590 GHz | 3.710 GHz | 1.000 MHz | 3.59297 GHz | -45.94 dBm | -20.94 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71906 GHz | -50.55 dBm | -25.55 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74748 GHz | -50.34 dBm | -10.34 dB |

Date: 19 FEB 2022 20:09:49

Lowest Channel / Full RB

N/A



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52591 GHz | -45.95 dBm | -5.95 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53990 GHz | -36.86 dBm | -11.86 dB |
| 3.540 GHz | 3.549 GHz | 1.000 MHz | 3.54865 GHz | -28.96 dBm | -15.96 dB |
| 3.549 GHz | 3.550 GHz | 200.000 kHz | 3.55000 GHz | -35.90 dBm | -22.90 dB |
| 3.550 GHz | 3.570 GHz | 100.000 kHz | 3.56289 GHz | -3.91 dBm | -33.91 dB |
| 3.570 GHz | 3.571 GHz | 200.000 kHz | 3.57000 GHz | -42.09 dBm | -29.09 dB |
| 3.571 GHz | 3.590 GHz | 1.000 MHz | 3.57128 GHz | -37.11 dBm | -24.11 dB |
| 3.590 GHz | 3.710 GHz | 1.000 MHz | 3.59535 GHz | -47.50 dBm | -22.50 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71510 GHz | -50.47 dBm | -25.47 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74153 GHz | -50.38 dBm | -10.38 dB |

Date: 19 FEB 2022 20:15:07

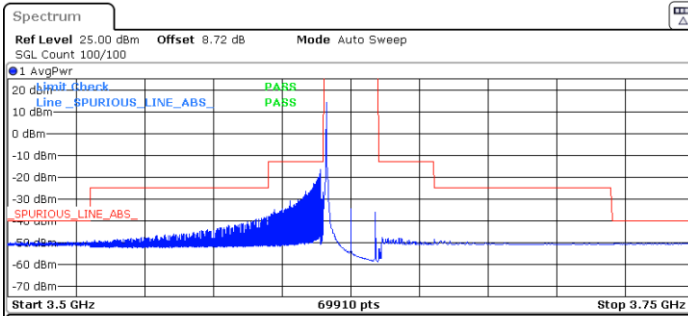


LTE Band 48 / 20MHz

256QAM

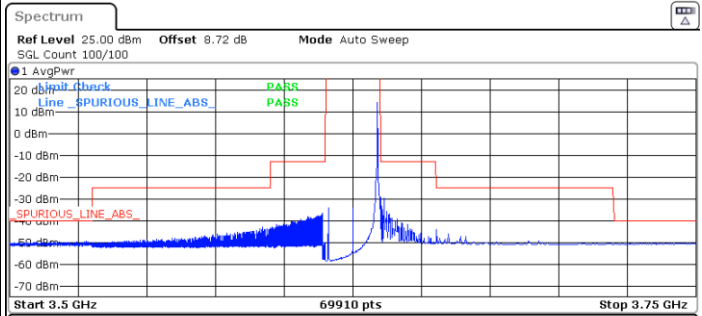
Middle Channel / 1RB0

Middle Channel / 1RBmax



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51122 GHz | -49.29 dBm | -9.29 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53981 GHz | -48.67 dBm | -23.67 dB |
| 3.540 GHz | 3.595 GHz | 1.000 MHz | 3.59444 GHz | -38.20 dBm | -13.20 dB |
| 3.595 GHz | 3.614 GHz | 1.000 MHz | 3.61399 GHz | -16.48 dBm | -3.48 dB |
| 3.614 GHz | 3.615 GHz | 200.000 kHz | 3.61484 GHz | -26.94 dBm | -13.94 dB |
| 3.615 GHz | 3.635 GHz | 100.000 kHz | 3.61609 GHz | 14.19 dBm | -15.81 dB |
| 3.635 GHz | 3.636 GHz | 200.000 kHz | 3.63505 GHz | -53.12 dBm | -40.12 dB |
| 3.636 GHz | 3.655 GHz | 1.000 MHz | 3.63628 GHz | -47.67 dBm | -34.67 dB |
| 3.655 GHz | 3.720 GHz | 1.000 MHz | 3.65532 GHz | -48.76 dBm | -23.76 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72579 GHz | -50.50 dBm | -10.50 dB |

Date: 19 FEB 2022 20:41:53

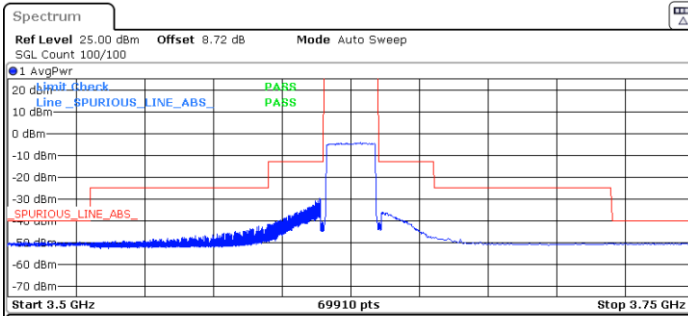


| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52795 GHz | -49.53 dBm | -9.53 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53915 GHz | -49.77 dBm | -24.77 dB |
| 3.540 GHz | 3.595 GHz | 1.000 MHz | 3.59216 GHz | -43.00 dBm | -18.00 dB |
| 3.595 GHz | 3.614 GHz | 1.000 MHz | 3.61396 GHz | -36.67 dBm | -23.67 dB |
| 3.614 GHz | 3.615 GHz | 200.000 kHz | 3.61480 GHz | -50.01 dBm | -37.01 dB |
| 3.615 GHz | 3.635 GHz | 100.000 kHz | 3.63391 GHz | 14.24 dBm | -15.76 dB |
| 3.635 GHz | 3.636 GHz | 200.000 kHz | 3.63500 GHz | -29.20 dBm | -16.20 dB |
| 3.636 GHz | 3.655 GHz | 1.000 MHz | 3.63628 GHz | -29.62 dBm | -16.62 dB |
| 3.655 GHz | 3.720 GHz | 1.000 MHz | 3.65532 GHz | -44.33 dBm | -19.33 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74064 GHz | -50.43 dBm | -10.43 dB |

Date: 19 FEB 2022 20:44:46

Middle Channel / Full RB

N/A



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.52612 GHz | -49.66 dBm | -9.66 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53912 GHz | -49.42 dBm | -24.42 dB |
| 3.540 GHz | 3.595 GHz | 1.000 MHz | 3.59447 GHz | -41.85 dBm | -16.85 dB |
| 3.595 GHz | 3.614 GHz | 1.000 MHz | 3.61369 GHz | -29.88 dBm | -16.88 dB |
| 3.614 GHz | 3.615 GHz | 200.000 kHz | 3.61453 GHz | -40.73 dBm | -27.73 dB |
| 3.615 GHz | 3.635 GHz | 100.000 kHz | 3.62837 GHz | -4.39 dBm | -34.39 dB |
| 3.635 GHz | 3.636 GHz | 200.000 kHz | 3.63541 GHz | -41.03 dBm | -28.03 dB |
| 3.636 GHz | 3.655 GHz | 1.000 MHz | 3.63647 GHz | -36.32 dBm | -23.32 dB |
| 3.655 GHz | 3.720 GHz | 1.000 MHz | 3.65597 GHz | -47.98 dBm | -22.98 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.74866 GHz | -50.48 dBm | -10.48 dB |

Date: 19 FEB 2022 20:33:20

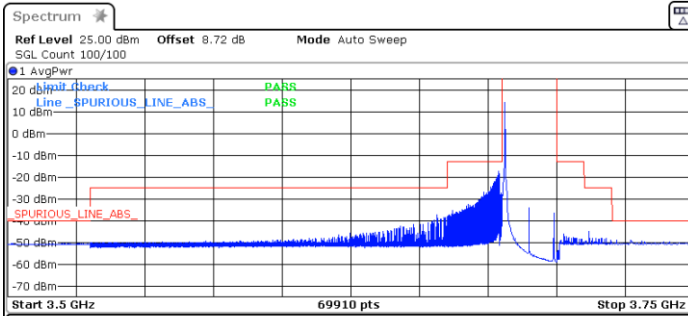


LTE Band 48 / 20MHz

256QAM

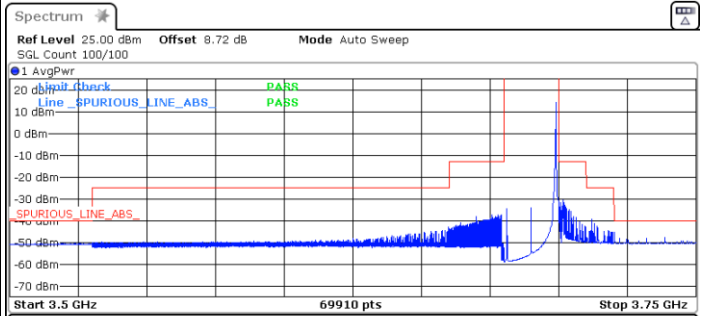
Highest Channel / 1RB0

Highest Channel / 1RBmax



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.50133 GHz | -50.77 dBm | -10.77 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53054 GHz | -50.13 dBm | -25.13 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.65644 GHz | -37.51 dBm | -12.51 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67874 GHz | -17.49 dBm | -4.49 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67978 GHz | -27.43 dBm | -14.43 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.68109 GHz | 14.22 dBm | -15.78 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70027 GHz | -53.65 dBm | -40.65 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70247 GHz | -46.31 dBm | -33.31 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71173 GHz | -44.90 dBm | -19.90 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72193 GHz | -48.94 dBm | -8.94 dB |

Date: 19 FEB 2022 21:30:43

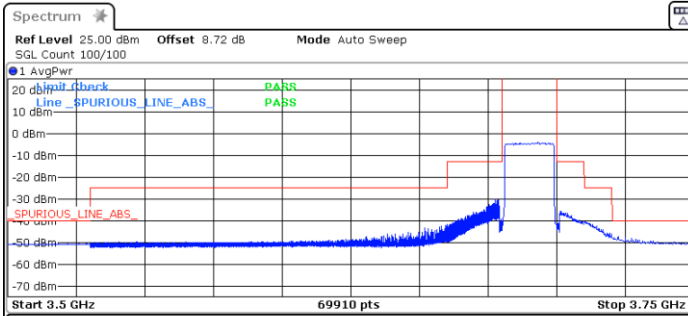


| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51905 GHz | -50.72 dBm | -10.72 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53353 GHz | -49.99 dBm | -24.99 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.65987 GHz | -43.19 dBm | -18.19 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67566 GHz | -37.36 dBm | -24.36 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67938 GHz | -50.57 dBm | -37.57 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.69891 GHz | 14.28 dBm | -15.72 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70002 GHz | -31.19 dBm | -18.19 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70158 GHz | -30.63 dBm | -17.63 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71203 GHz | -39.24 dBm | -14.24 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72015 GHz | -45.57 dBm | -5.57 dB |

Date: 19 FEB 2022 21:21:46

Highest Channel / Full RB

N/A



| Range Low | Range Up | RBW | Frequency | Power Abs | ΔLimit |
|-----------|-----------|-------------|-------------|------------|-----------|
| 3.500 GHz | 3.530 GHz | 1.000 MHz | 3.51830 GHz | -50.77 dBm | -10.77 dB |
| 3.530 GHz | 3.540 GHz | 1.000 MHz | 3.53747 GHz | -50.10 dBm | -25.10 dB |
| 3.540 GHz | 3.660 GHz | 1.000 MHz | 3.65938 GHz | -42.06 dBm | -17.06 dB |
| 3.660 GHz | 3.679 GHz | 1.000 MHz | 3.67738 GHz | -30.36 dBm | -17.36 dB |
| 3.679 GHz | 3.680 GHz | 200.000 kHz | 3.67989 GHz | -39.31 dBm | -25.31 dB |
| 3.680 GHz | 3.700 GHz | 100.000 kHz | 3.69317 GHz | -4.34 dBm | -34.34 dB |
| 3.700 GHz | 3.701 GHz | 200.000 kHz | 3.70002 GHz | -41.22 dBm | -28.22 dB |
| 3.701 GHz | 3.710 GHz | 1.000 MHz | 3.70158 GHz | -35.66 dBm | -22.66 dB |
| 3.710 GHz | 3.720 GHz | 1.000 MHz | 3.71015 GHz | -40.60 dBm | -15.60 dB |
| 3.720 GHz | 3.750 GHz | 1.000 MHz | 3.72252 GHz | -47.39 dBm | -7.39 dB |

Date: 19 FEB 2022 21:39:27



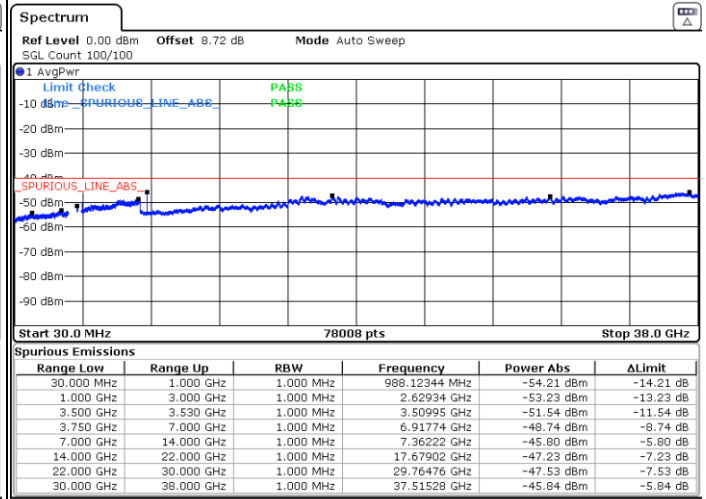
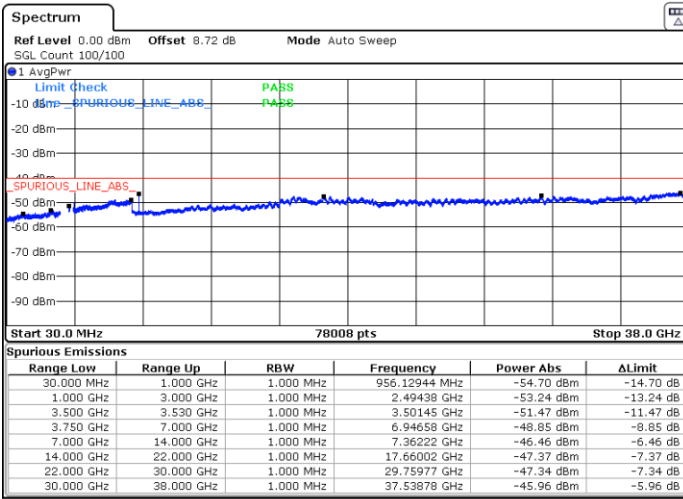
Conducted Spurious Emission

LTE Band 48 / 5MHz

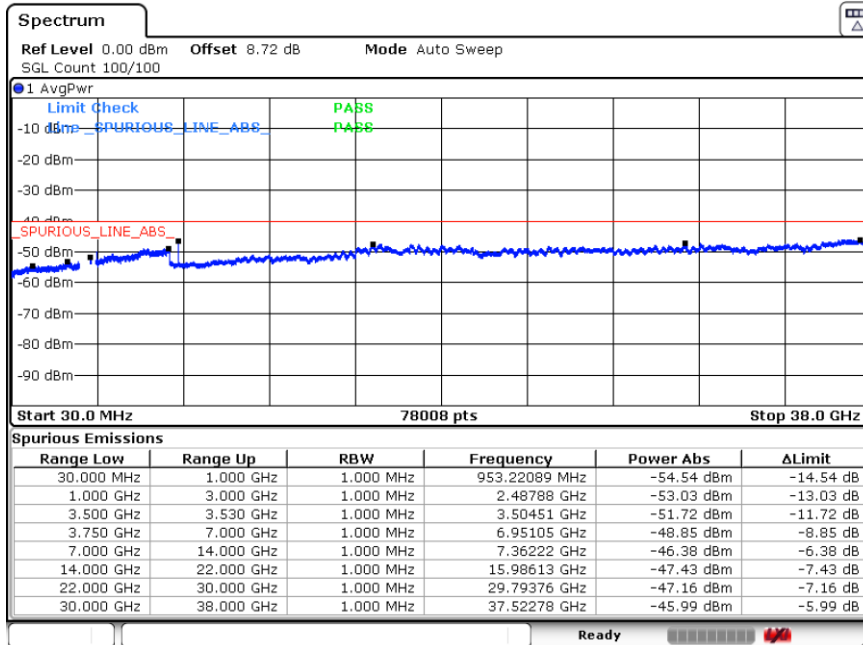
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



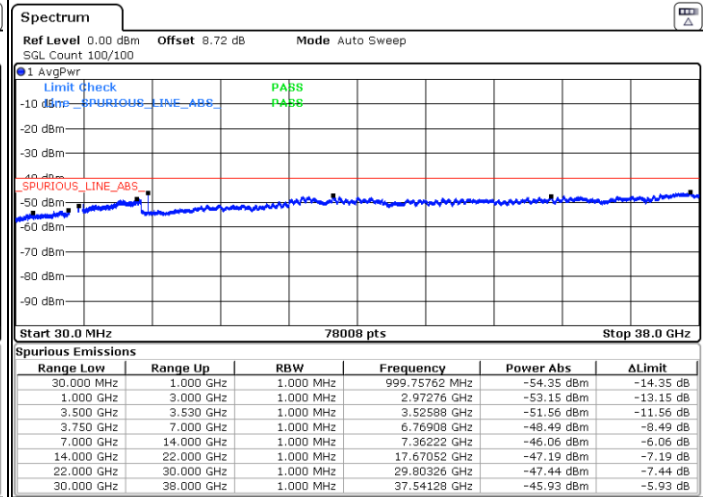
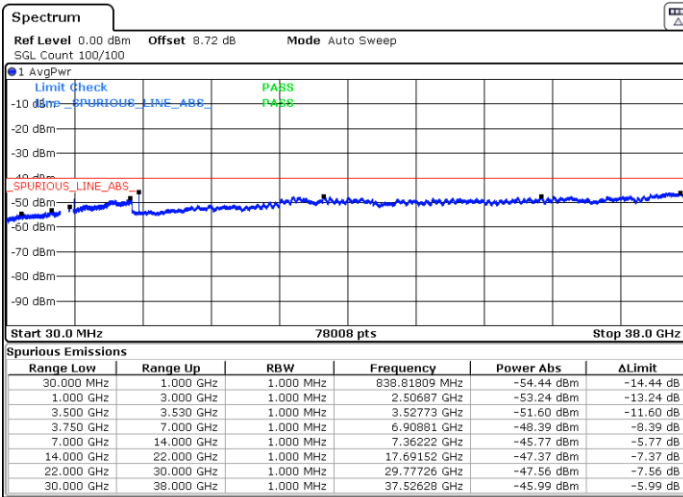


LTE Band 48 / 10MHz

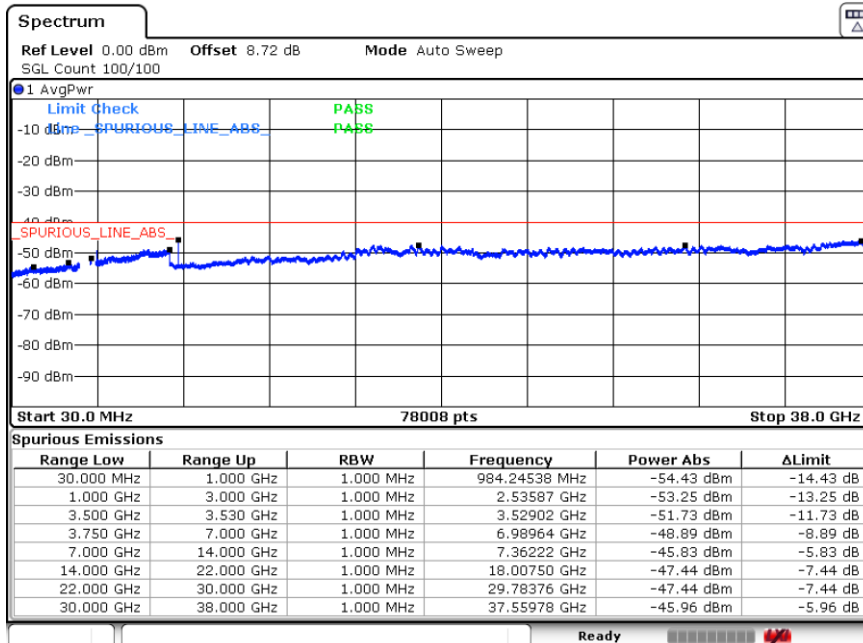
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



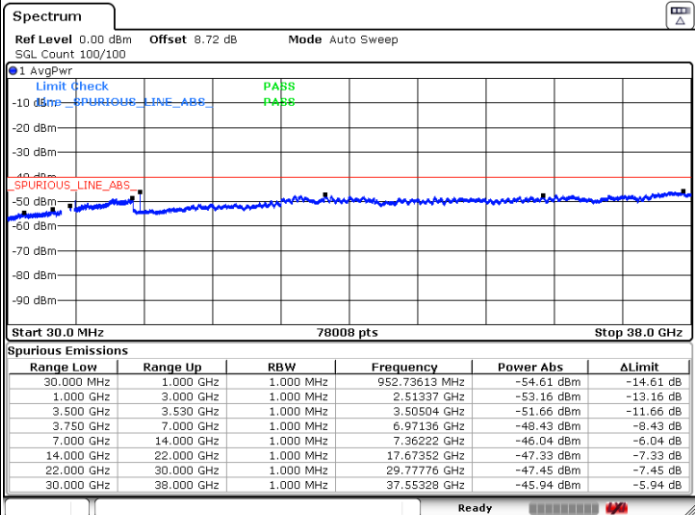
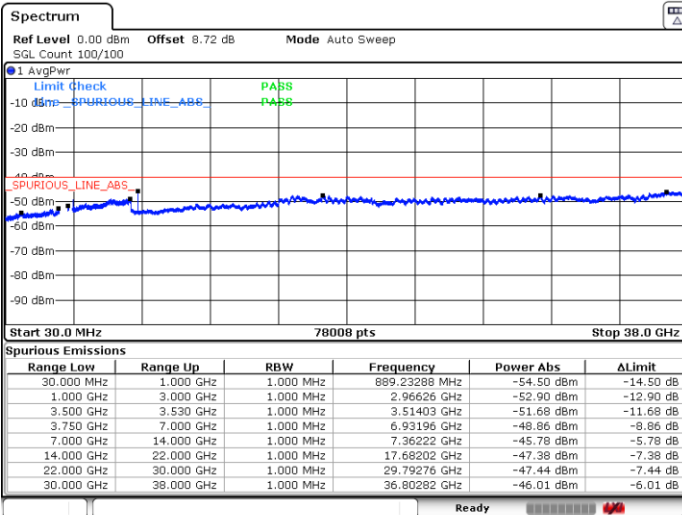


LTE Band 48 / 15MHz

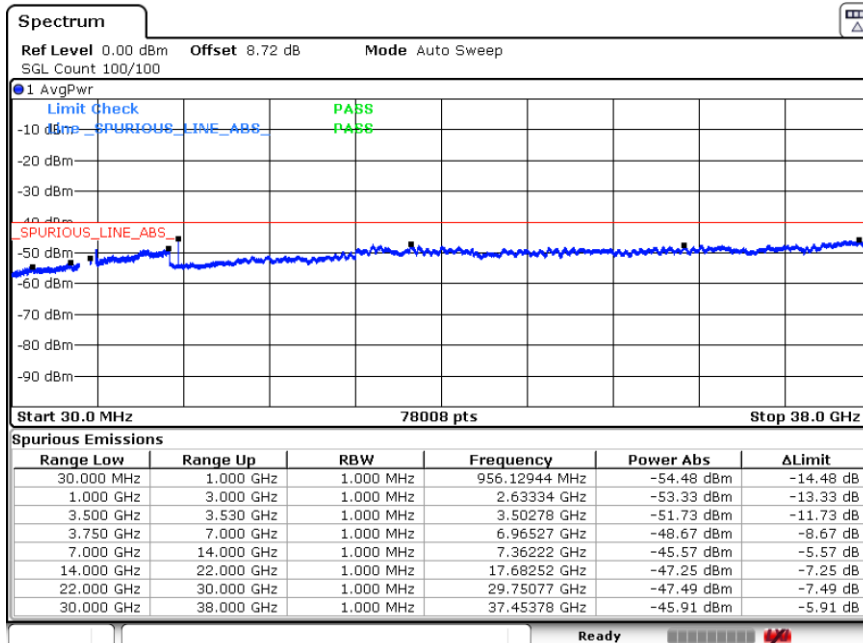
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



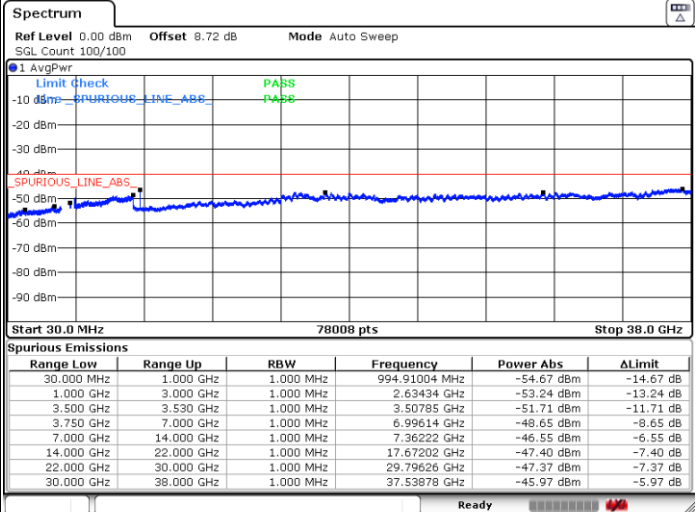
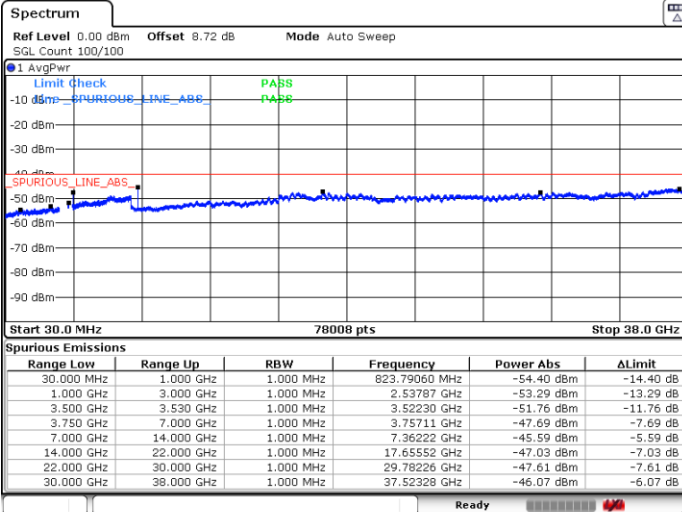


LTE Band 48 / 20MHz

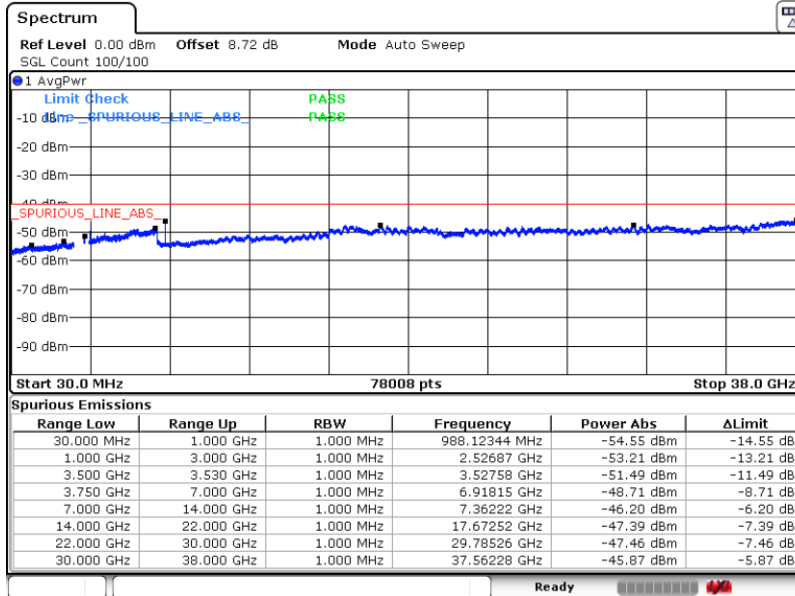
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel





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 | 0.0011 | PASS |
| 40 | Normal Voltage | 0.0028 | |
| 30 | Normal Voltage | 0.0015 | |
| 20(Ref.) | Normal Voltage | 0.0010 | |
| 10 | Normal Voltage | 0.0003 | |
| 0 | Normal Voltage | 0.0006 | |
| -10 | Normal Voltage | 0.0015 | |
| -20 | Normal Voltage | 0.0019 | |
| -30 | Normal Voltage | 0.0024 | |
| 20 | Maximum Voltage | 0.0021 | |
| 20 | Normal Voltage | 0.0001 | |
| 20 | Battery End Point | 0.0022 | |

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Chris Chen | Temperature : | 22~23°C |
| | | Relative Humidity : | 41~42% |

Note: Pre-scanned harmonic for testing, we choose the worst antenna mode to test.

| LTE Band 48 / 20MHz / QPSK for Ant. 10 | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 7236 | -55.72 | -40 | -15.72 | -67.18 | 2.84 | 14.30 | H |
| | 10848 | -52.79 | -40 | -12.79 | -62.73 | 3.49 | 13.43 | H |
| | 14460 | -55.35 | -40 | -15.35 | -65.59 | 3.85 | 14.09 | H |
| | 7236 | -52.79 | -40 | -12.79 | -64.25 | 2.84 | 14.30 | V |
| | 10848 | -58.26 | -40 | -18.26 | -68.20 | 3.49 | 13.43 | V |
| | 14460 | -55.84 | -40 | -15.84 | -66.08 | 3.85 | 14.09 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.