



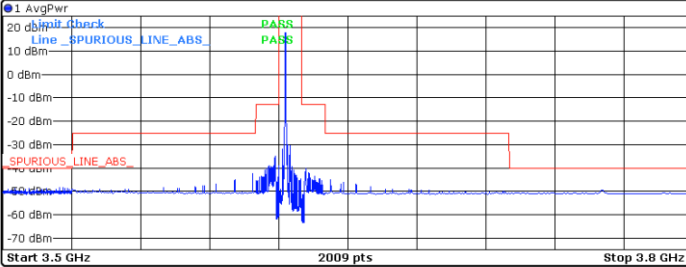
LTE Band 48 / 5MHz

QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax

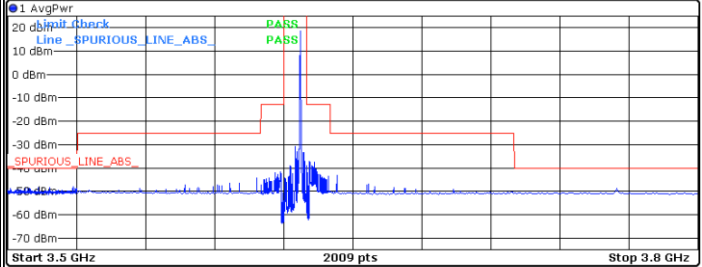
Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52480 GHz	-48.43 dBm	-8.43 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60861 GHz	-42.43 dBm	-17.43 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61860 GHz	-34.93 dBm	-21.93 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61997 GHz	-43.31 dBm	-30.31 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62288 GHz	17.84 dBm	-12.16 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63032 GHz	-51.25 dBm	-38.25 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63185 GHz	-40.16 dBm	-27.16 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64259 GHz	-45.03 dBm	-20.03 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.76079 GHz	-49.40 dBm	-9.40 dB

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52844 GHz	-48.19 dBm	-8.19 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60821 GHz	-44.34 dBm	-19.34 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61842 GHz	-41.66 dBm	-28.66 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61966 GHz	-50.56 dBm	-37.56 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62717 GHz	18.68 dBm	-11.32 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63012 GHz	-42.18 dBm	-29.18 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63113 GHz	-37.16 dBm	-24.16 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64299 GHz	-43.26 dBm	-18.26 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.76475 GHz	-48.89 dBm	-8.89 dB

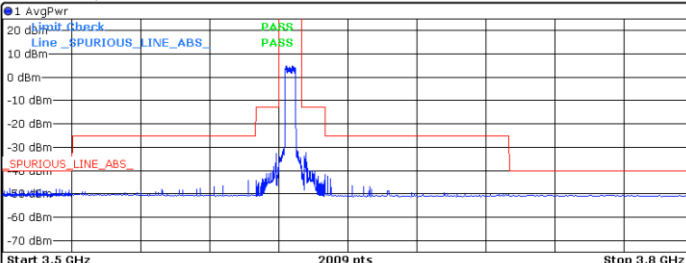
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Date: 30.JAN.2024 17:07:22

Middle Channel / FullRB

N/A

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50302 GHz	-47.80 dBm	-7.80 dB
3.530 GHz	3.610 GHz	1.000 MHz	3.60662 GHz	-44.18 dBm	-19.18 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.61887 GHz	-32.86 dBm	-19.86 dB
3.619 GHz	3.620 GHz	50.000 kHz	3.61974 GHz	-38.67 dBm	-25.67 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.62323 GHz	4.72 dBm	-25.28 dB
3.630 GHz	3.631 GHz	50.000 kHz	3.63003 GHz	-40.14 dBm	-27.14 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.63185 GHz	-32.30 dBm	-19.30 dB
3.640 GHz	3.720 GHz	1.000 MHz	3.64020 GHz	-41.53 dBm	-16.53 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72990 GHz	-50.54 dBm	-10.54 dB

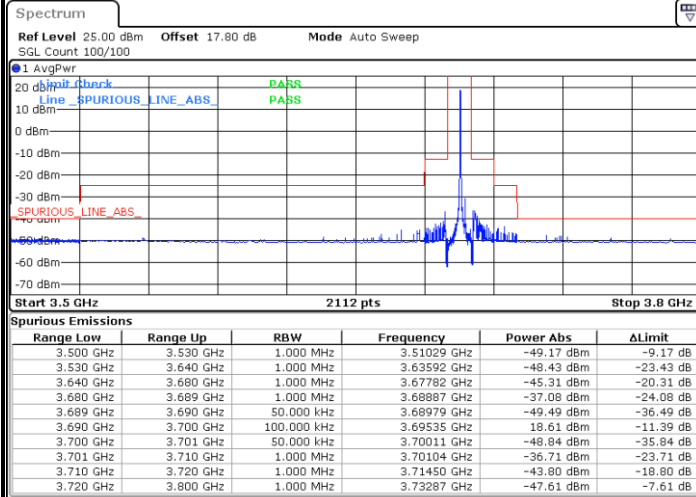
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LTE Band 48 / 5MHz

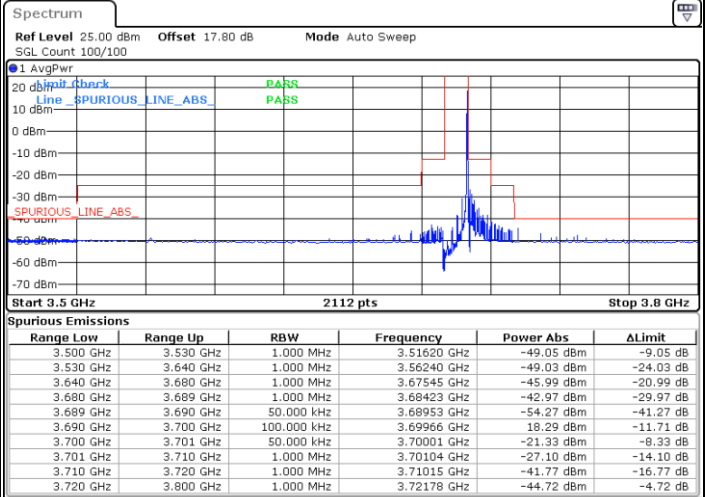
QPSK

Highest Channel / 1RB0



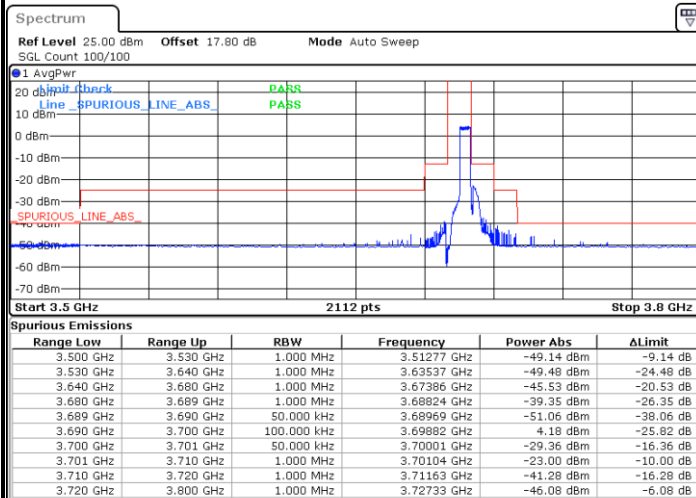
Date: 30.JAN.2024 16:52:46

Highest Channel / 1RBmax



Date: 30.JAN.2024 17:08:13

Highest Channel / FullIRB



Date: 30.JAN.2024 17:00:30

N/A

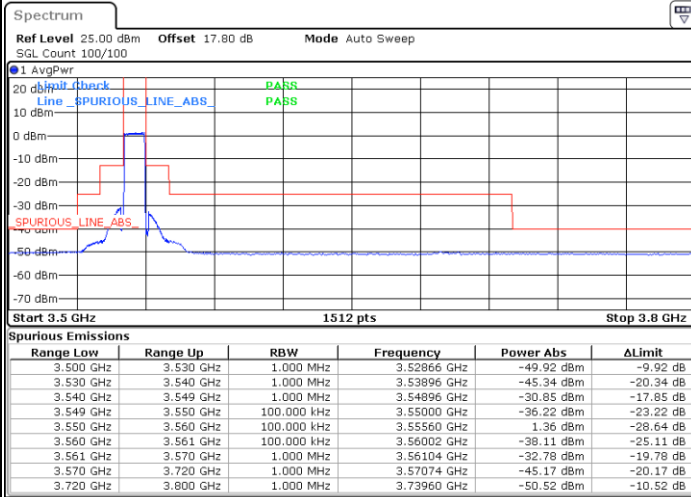


LTE Band 48 / 10MHz

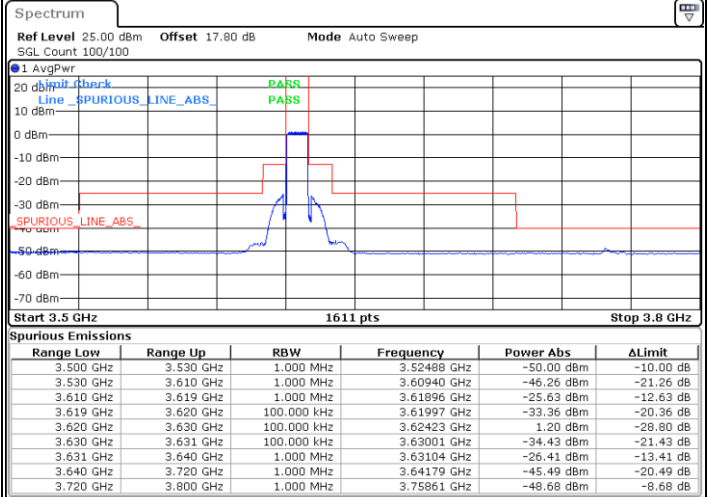
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



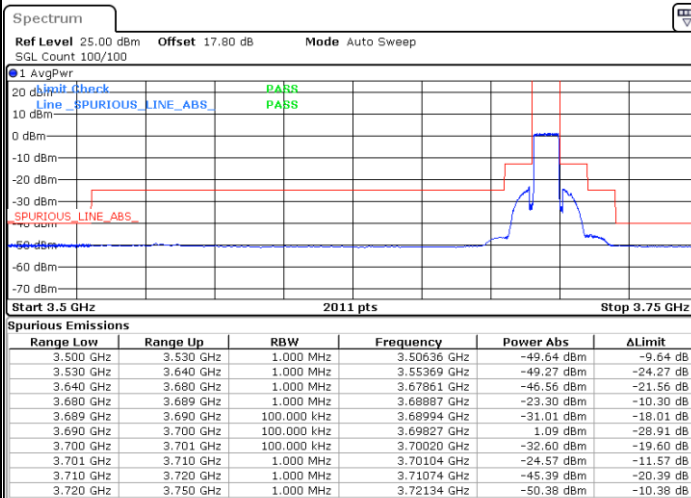
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Date: 30.JAN.2024 17:13:23

Highest Channel / FullIRB

N/A



Date: 30.JAN.2024 17:17:39



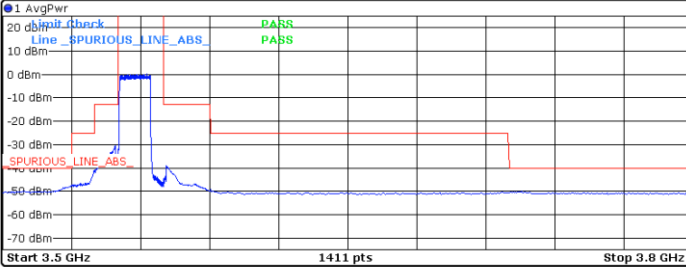
LTE Band 48 / 15MHz

QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB

Spectrum

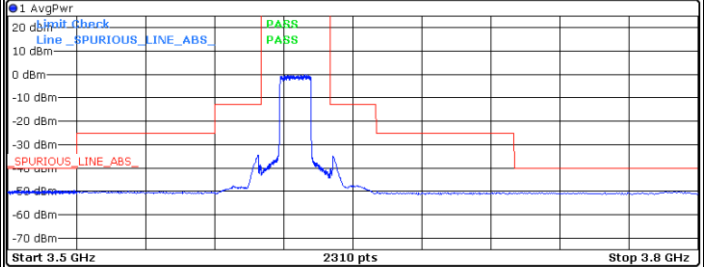
Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Start 3.5 GHz 1411 pts Stop 3.8 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52985 GHz	-47.62 dBm	-7.62 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53985 GHz	-40.89 dBm	-15.89 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-30.48 dBm	-17.48 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54990 GHz	-36.60 dBm	-23.60 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56254 GHz	0.10 dBm	-29.90 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57072 GHz	-43.50 dBm	-30.50 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-39.15 dBm	-26.15 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.59032 GHz	-49.31 dBm	-24.31 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72535 GHz	-50.09 dBm	-10.09 dB

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Start 3.5 GHz 2310 pts Stop 3.8 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52904 GHz	-49.72 dBm	-9.72 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.55254 GHz	-50.09 dBm	-25.09 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-34.46 dBm	-21.46 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60965 GHz	-38.62 dBm	-25.62 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62904 GHz	-0.19 dBm	-30.19 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64008 GHz	-40.04 dBm	-27.04 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-34.94 dBm	-21.94 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66075 GHz	-50.09 dBm	-25.09 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.78990 GHz	-50.20 dBm	-10.20 dB

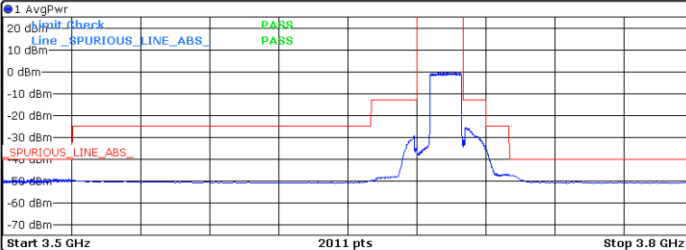
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Date: 30.JAN.2024 17:26:07

Highest Channel / FullIRB

N/A

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Start 3.5 GHz 2011 pts Stop 3.8 GHz

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52275 GHz	-49.25 dBm	-9.25 dB
3.530 GHz	3.630 GHz	1.000 MHz	3.53050 GHz	-49.84 dBm	-24.84 dB
3.630 GHz	3.660 GHz	1.000 MHz	3.65985 GHz	-49.91 dBm	-24.91 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-29.29 dBm	-16.29 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67962 GHz	-35.02 dBm	-22.02 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69474 GHz	-0.45 dBm	-30.45 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70044 GHz	-31.40 dBm	-18.40 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70113 GHz	-25.90 dBm	-12.90 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-35.78 dBm	-10.78 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72020 GHz	-47.55 dBm	-7.55 dB

Date: 30.JAN.2024 17:26:59



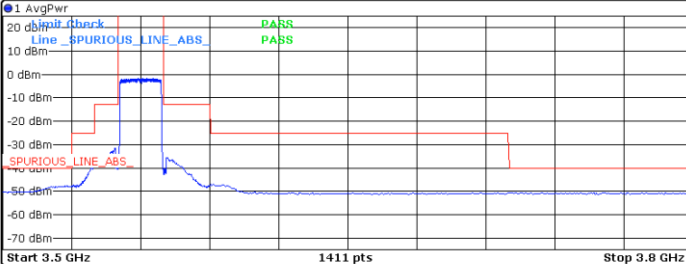
LTE Band 48 / 20MHz

QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB

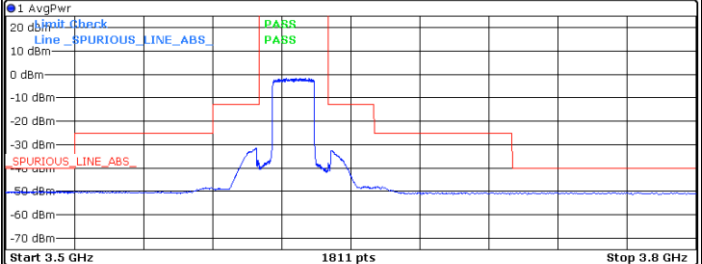
Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52777 GHz	-47.65 dBm	-7.65 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53965 GHz	-38.94 dBm	-13.94 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-31.41 dBm	-18.41 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-37.74 dBm	-24.74 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56289 GHz	-1.58 dBm	-31.58 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57023 GHz	-40.33 dBm	-27.33 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57147 GHz	-35.57 dBm	-22.57 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.59151 GHz	-46.96 dBm	-21.96 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72178 GHz	-50.49 dBm	-10.49 dB

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51597 GHz	-50.03 dBm	-10.03 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.58716 GHz	-48.48 dBm	-23.48 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-31.59 dBm	-18.59 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60934 GHz	-36.92 dBm	-23.92 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62804 GHz	-1.57 dBm	-31.57 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64002 GHz	-37.75 dBm	-24.75 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64166 GHz	-32.70 dBm	-19.70 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.66164 GHz	-47.88 dBm	-22.88 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72020 GHz	-50.49 dBm	-10.49 dB

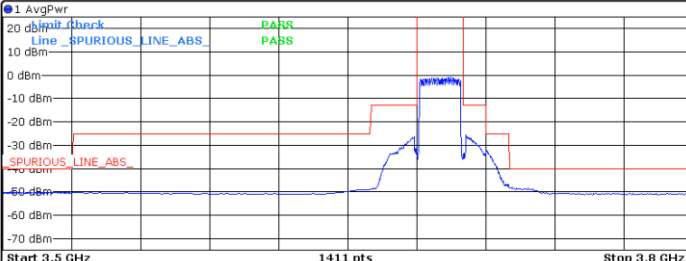
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Date: 30.JAN.2024 17:32:10

Highest Channel / FullIRB

N/A

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50453 GHz	-50.01 dBm	-10.01 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.65550 GHz	-49.08 dBm	-24.08 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-26.23 dBm	-13.23 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67901 GHz	-31.40 dBm	-18.40 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69474 GHz	-0.96 dBm	-30.96 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70056 GHz	-33.27 dBm	-20.27 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70113 GHz	-25.59 dBm	-12.59 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71015 GHz	-32.32 dBm	-7.32 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72139 GHz	-47.91 dBm	-7.91 dB

Date: 30.JAN.2024 17:36:27



LTE Band 48 / 5MHz

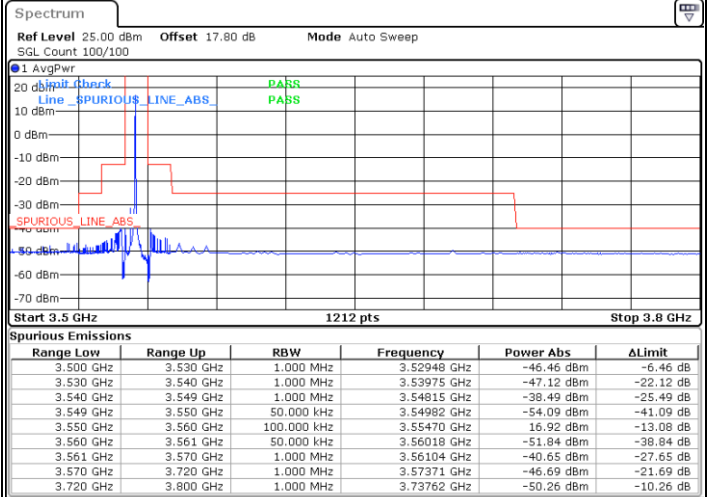
16QAM

Lowest Channel / 1RB0



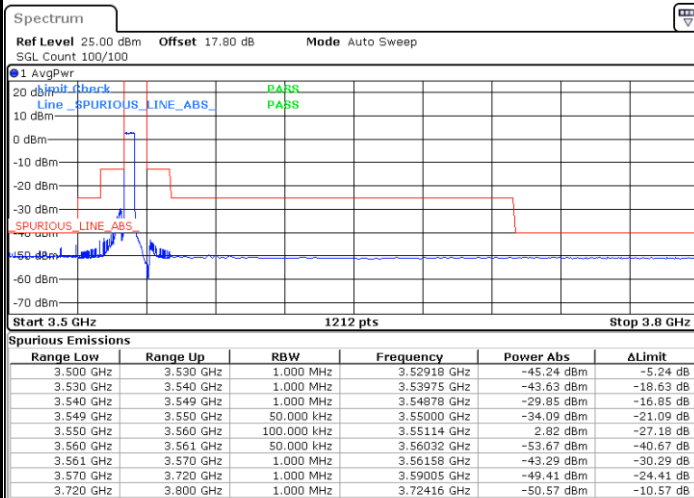
Date: 30.JAN.2024 16:48:30

Lowest Channel / 1RBmax



Date: 30.JAN.2024 17:03:57

Lowest Channel / FullIRB



Date: 30.JAN.2024 16:56:13

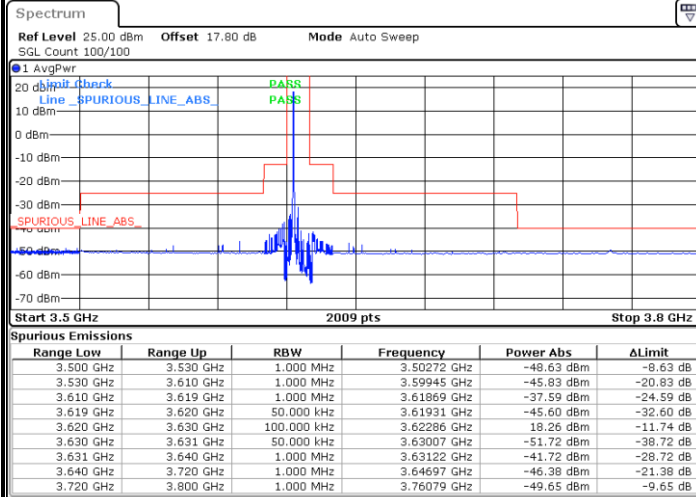
N/A



LTE Band 48 / 5MHz

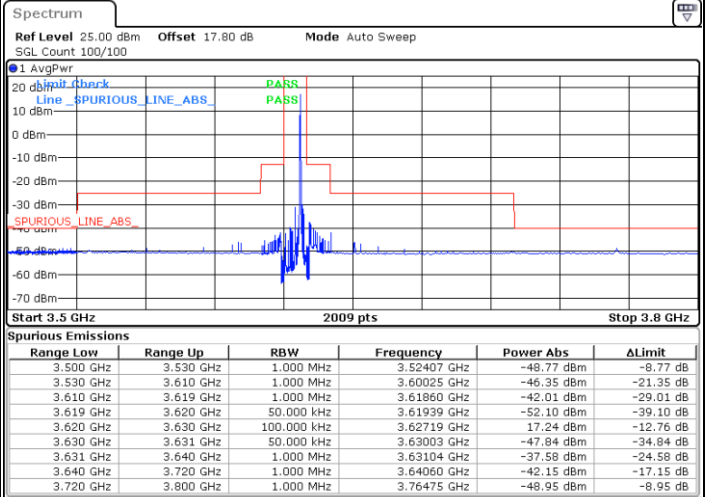
16QAM

Middle Channel / 1RB0



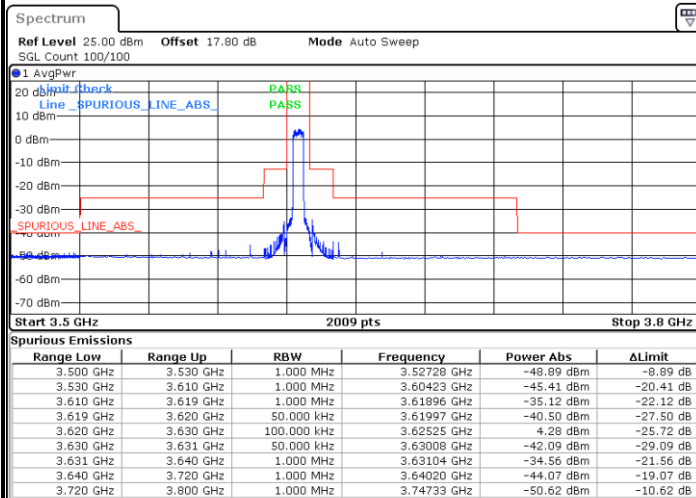
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Middle Channel / 1RBmax



Date: 30.JAN.2024 17:06:30

Middle Channel / FullRB



Date: 30.JAN.2024 16:58:47

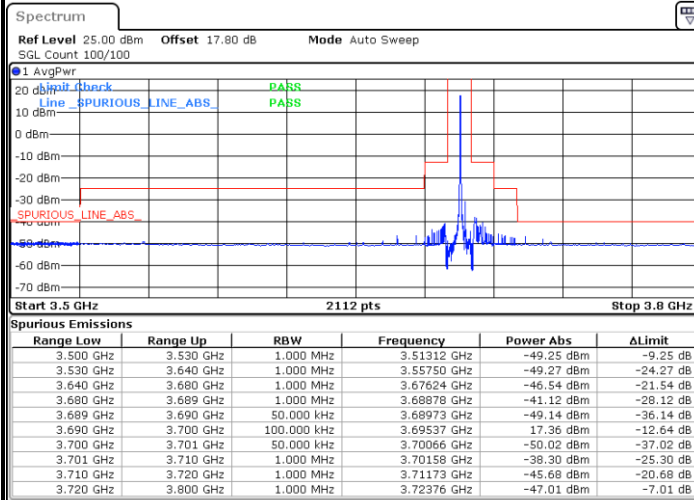
N/A



LTE Band 48 / 5MHz

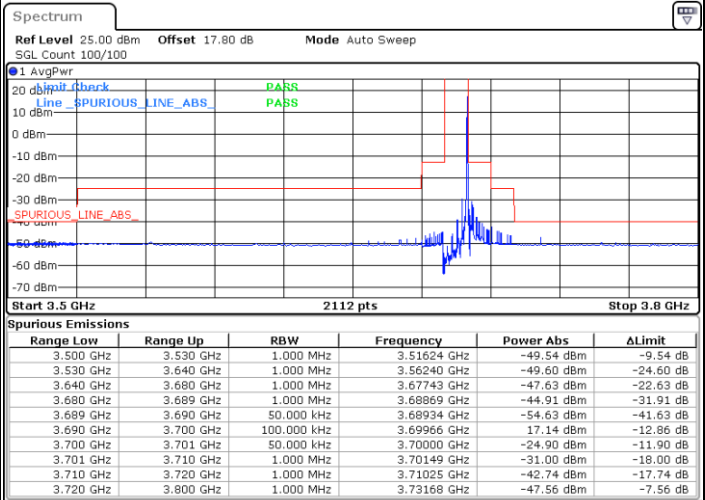
16QAM

Highest Channel / 1RB0



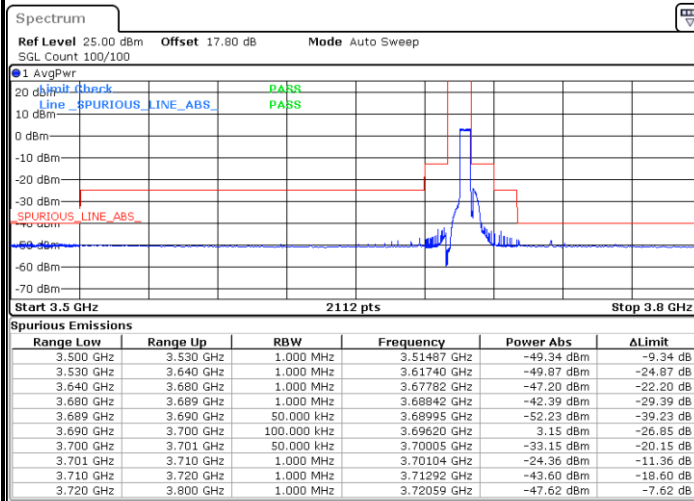
Date: 30.JAN.2024 16:53:38

Highest Channel / 1RBmax



Date: 30.JAN.2024 17:09:05

Highest Channel / FullIRB



Date: 30.JAN.2024 17:01:21

N/A

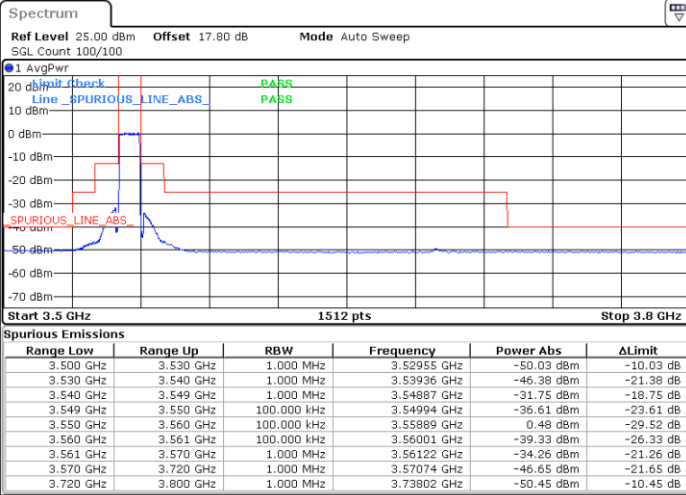


LTE Band 48 / 10MHz

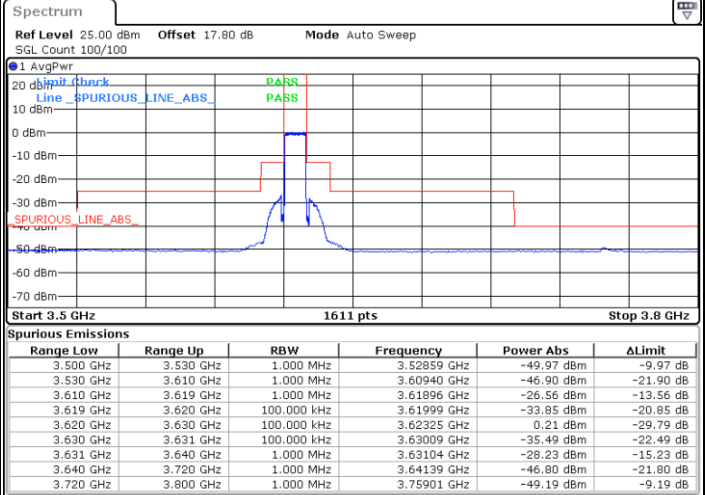
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



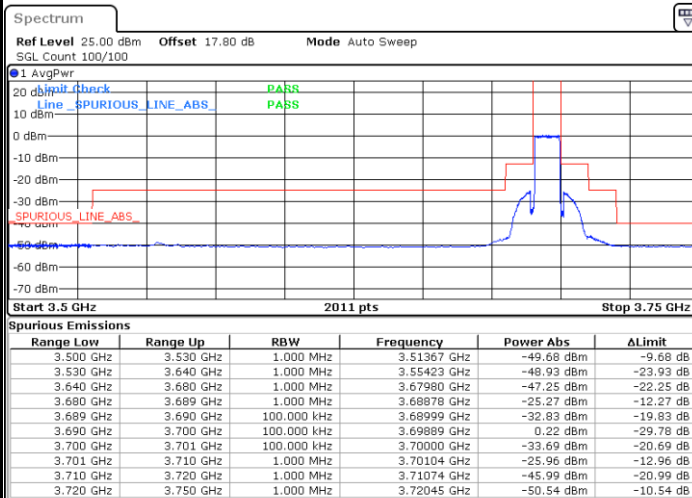
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Date: 30.JAN.2024 17:14:14

Highest Channel / FullIRB

N/A



Date: 30.JAN.2024 17:16:48

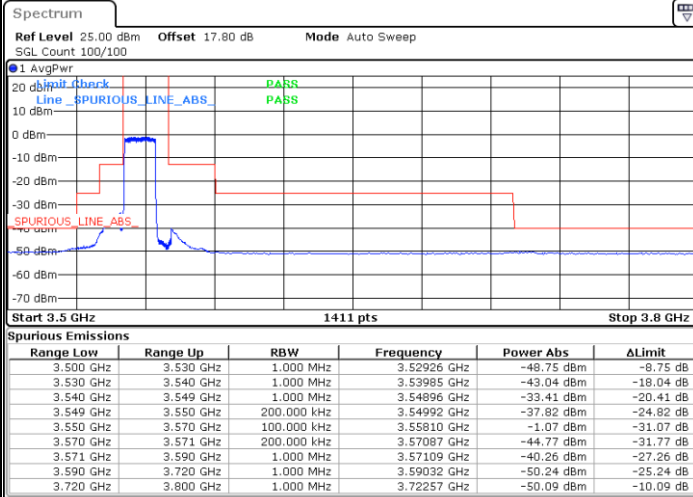


LTE Band 48 / 15MHz

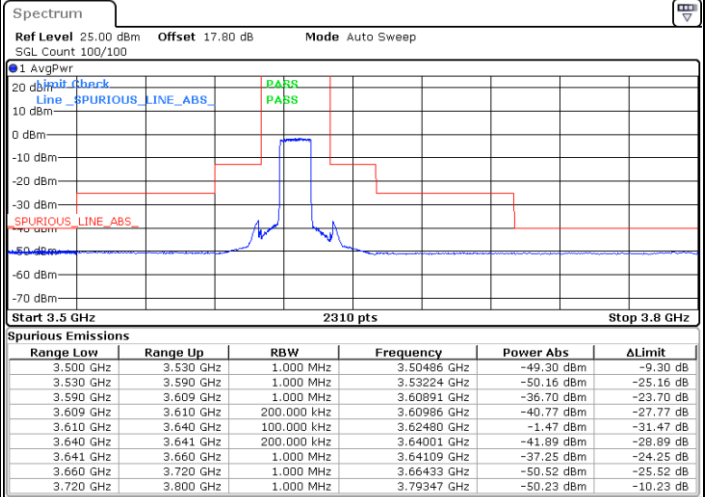
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



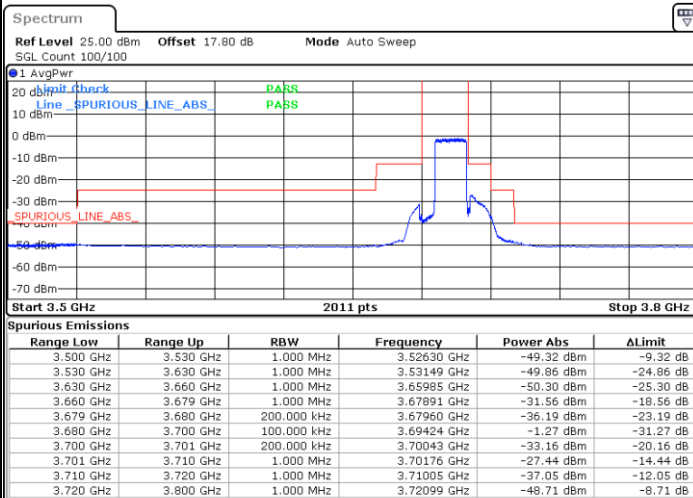
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Date: 30.JAN.2024 17:25:16

Highest Channel / FullIRB

N/A



Date: 30.JAN.2024 17:27:50

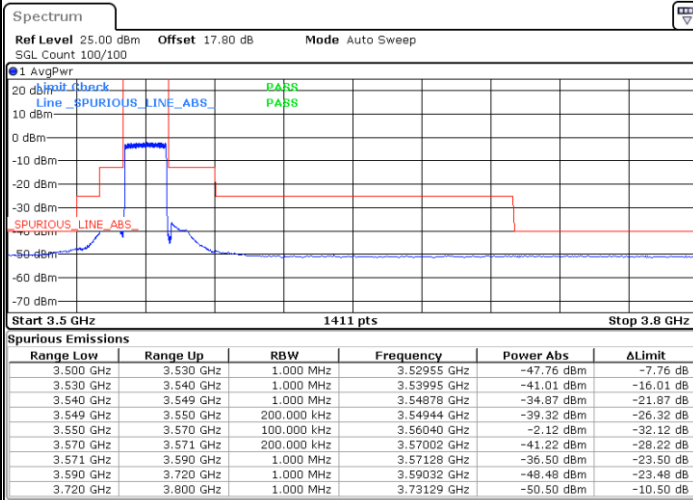


LTE Band 48 / 20MHz

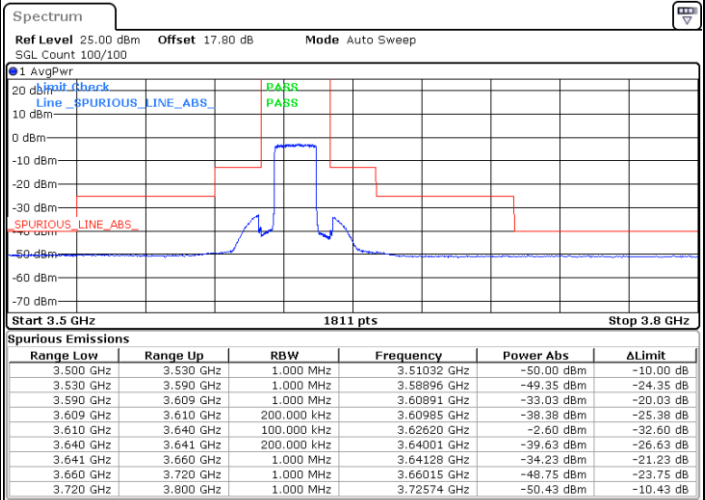
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



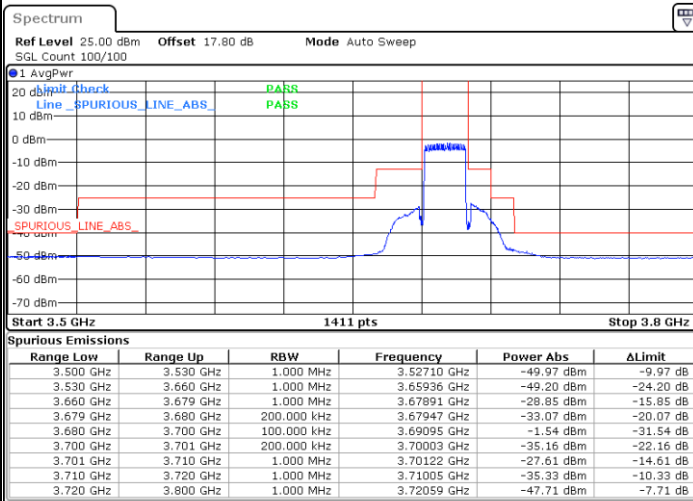
Date: 30.JAN.2024 17:30:27



Date: 30.JAN.2024 17:33:01

Highest Channel / FullIRB

N/A



Date: 30.JAN.2024 17:35:36



LTE Band 48 / 5MHz

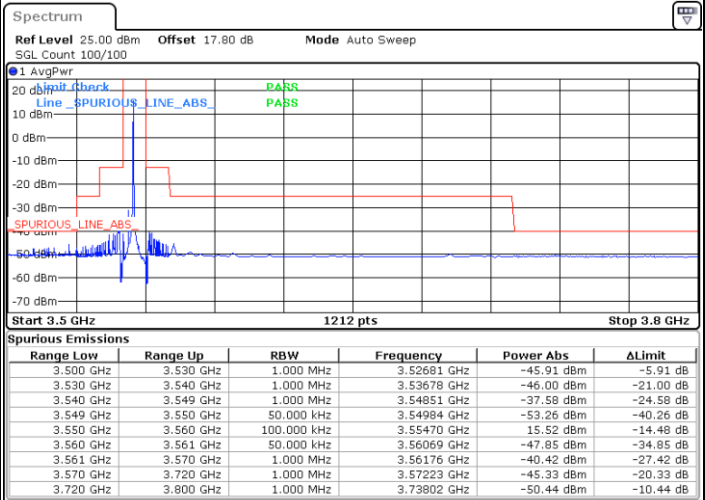
64QAM

Lowest Channel / 1RB0



Date: 30.JAN.2024 16:49:22

Lowest Channel / 1RBmax



Date: 30.JAN.2024 17:04:48

Lowest Channel / FullIRB



Date: 30.JAN.2024 16:57:05

N/A

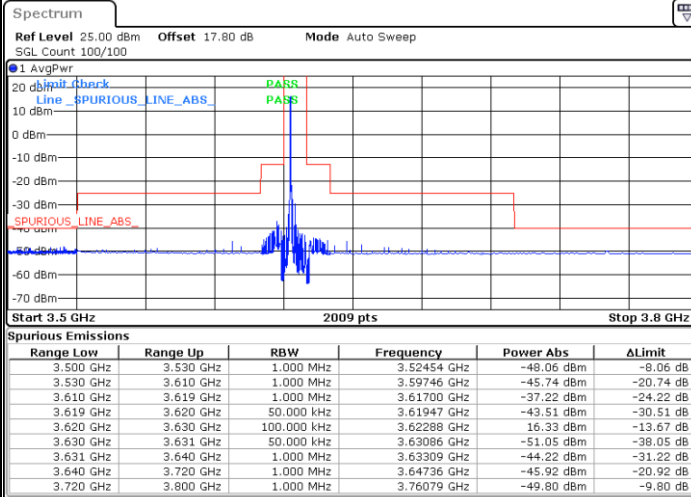


LTE Band 48 / 5MHz

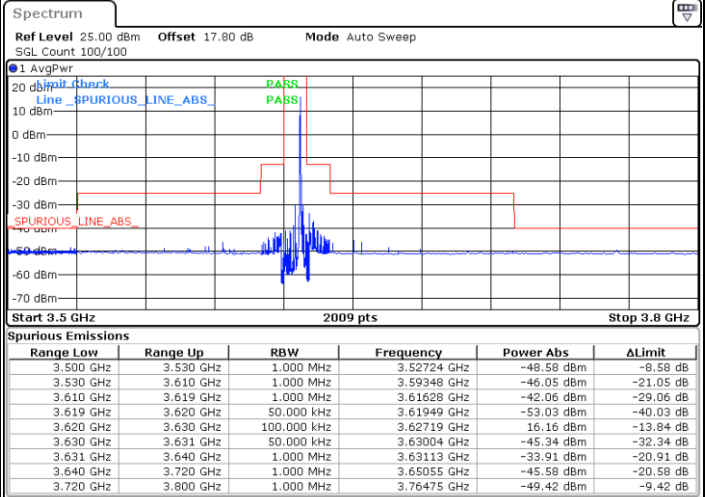
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



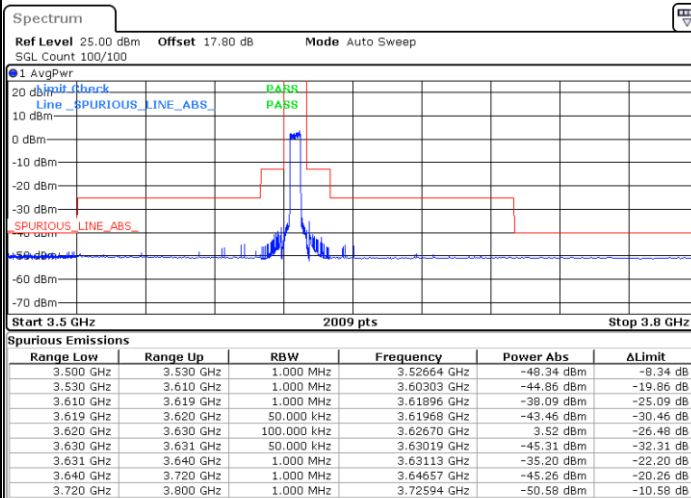
Date: 30.JAN.2024 16:50:13



Date: 30.JAN.2024 17:05:39

Middle Channel / FullRB

N/A



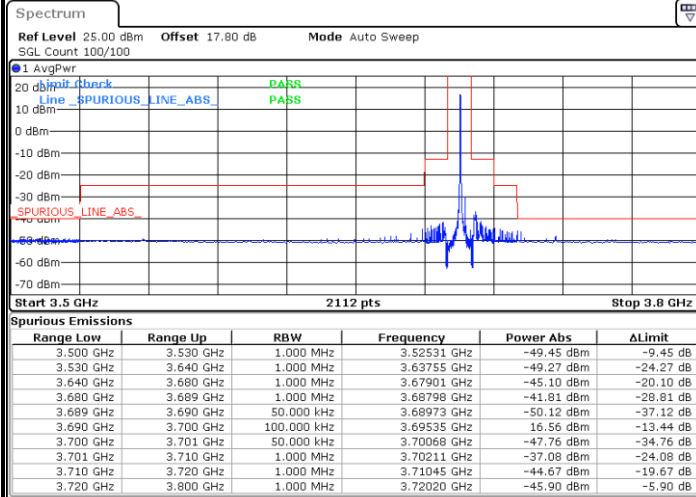
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LTE Band 48 / 5MHz

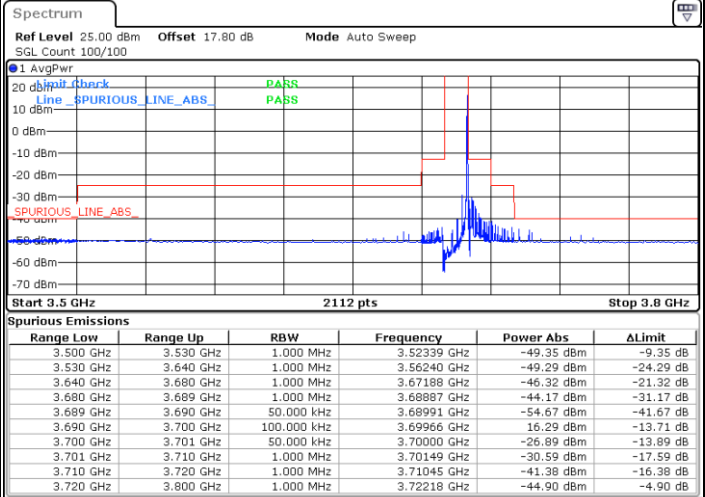
64QAM

Highest Channel / 1RB0



Date: 30.JAN.2024 16:54:30

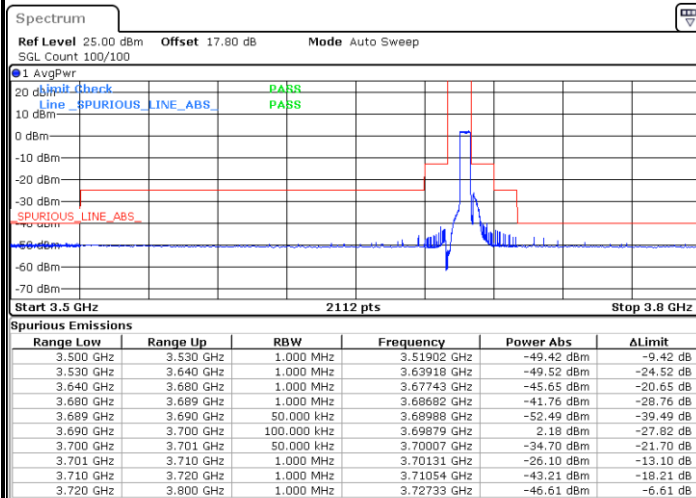
Highest Channel / 1RBmax



Date: 30.JAN.2024 17:09:56

Highest Channel / FullIRB

N/A



Date: 30.JAN.2024 17:02:13

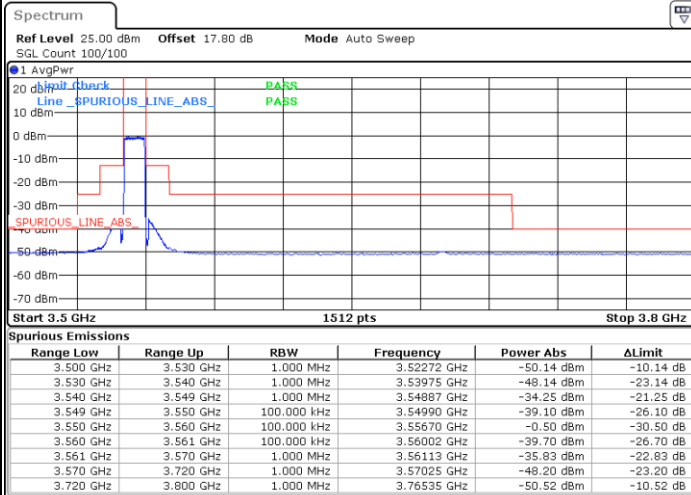


LTE Band 48 / 10MHz

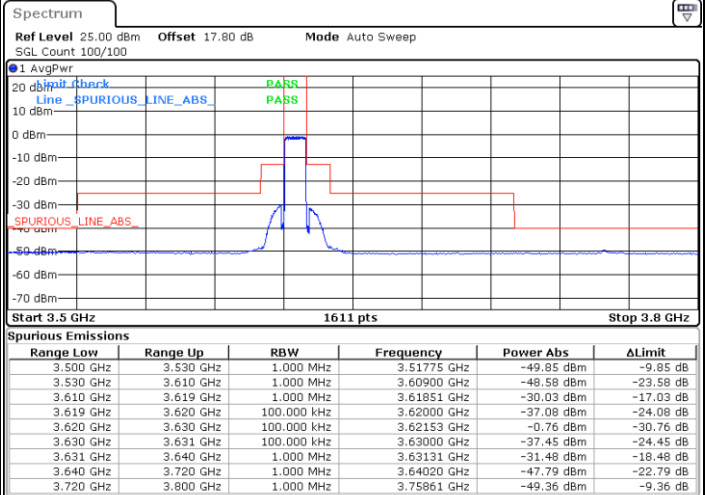
64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



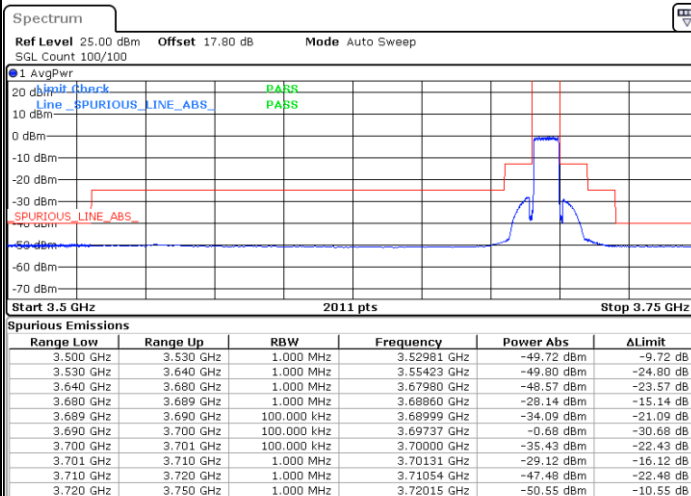
Date: 31.JAN.2024 10:35:08



Date: 30.JAN.2024 17:15:05

Highest Channel / FullIRB

N/A



Date: 30.JAN.2024 17:15:56



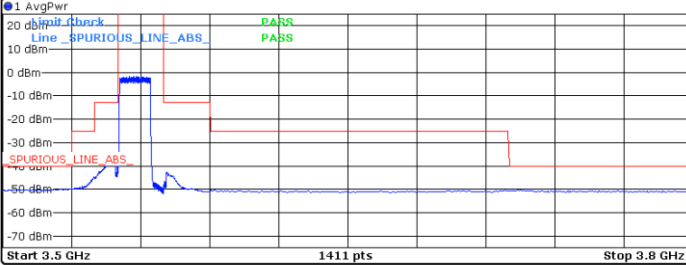
LTE Band 48 / 15MHz

64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB

Spectrum

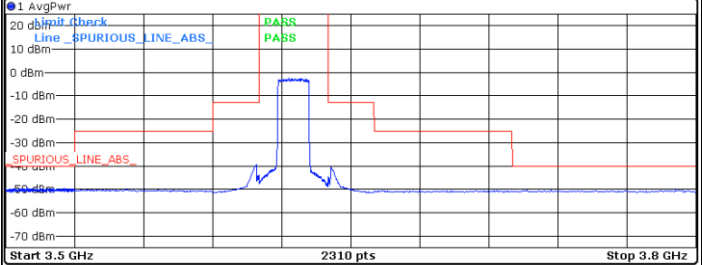
Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Start 3.5 GHz Stop 3.8 GHz 1411 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52777 GHz	-49.73 dBm	-9.73 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53965 GHz	-44.67 dBm	-19.67 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-34.53 dBm	-21.53 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.55000 GHz	-39.08 dBm	-26.08 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55800 GHz	-1.66 dBm	-31.66 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57031 GHz	-46.63 dBm	-33.63 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-42.71 dBm	-29.71 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.59032 GHz	-50.37 dBm	-25.37 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72614 GHz	-50.24 dBm	-10.24 dB

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Start 3.5 GHz Stop 3.8 GHz 2310 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52099 GHz	-49.65 dBm	-9.65 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.55224 GHz	-50.08 dBm	-25.08 dB
3.590 GHz	3.609 GHz	1.000 MHz	3.60891 GHz	-39.36 dBm	-26.36 dB
3.609 GHz	3.610 GHz	200.000 kHz	3.60996 GHz	-44.10 dBm	-31.10 dB
3.610 GHz	3.640 GHz	100.000 kHz	3.62305 GHz	-2.46 dBm	-32.46 dB
3.640 GHz	3.641 GHz	200.000 kHz	3.64001 GHz	-44.78 dBm	-31.78 dB
3.641 GHz	3.660 GHz	1.000 MHz	3.64109 GHz	-40.67 dBm	-27.67 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.71806 GHz	-50.61 dBm	-25.61 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.79228 GHz	-50.33 dBm	-10.33 dB

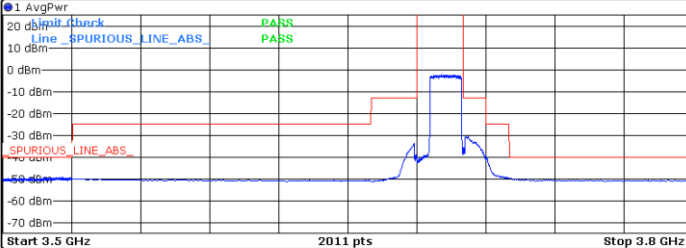
Date: 30.JAN.2024 17:23:34

Date: 30.JAN.2024 17:24:25

Highest Channel / FullIRB

N/A

Spectrum

Ref Level 25.00 dBm Offset 17.80 dB Mode Auto Sweep
SGL Count 100/100

Start 3.5 GHz Stop 3.8 GHz 2011 pts

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52510 GHz	-49.26 dBm	-9.26 dB
3.530 GHz	3.630 GHz	1.000 MHz	3.53347 GHz	-50.11 dBm	-25.11 dB
3.630 GHz	3.660 GHz	1.000 MHz	3.63312 GHz	-50.71 dBm	-25.71 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-33.63 dBm	-20.63 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67959 GHz	-38.80 dBm	-25.80 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69055 GHz	-2.26 dBm	-32.26 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70003 GHz	-35.80 dBm	-22.80 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70238 GHz	-30.66 dBm	-17.66 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-40.00 dBm	-15.00 dB
3.720 GHz	3.800 GHz	1.000 MHz	3.72099 GHz	-49.75 dBm	-9.75 dB

Date: 30.JAN.2024 17:28:42

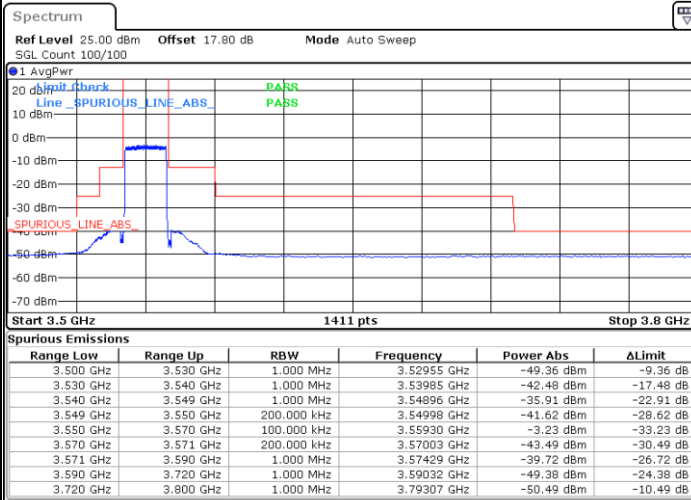


LTE Band 48 / 20MHz

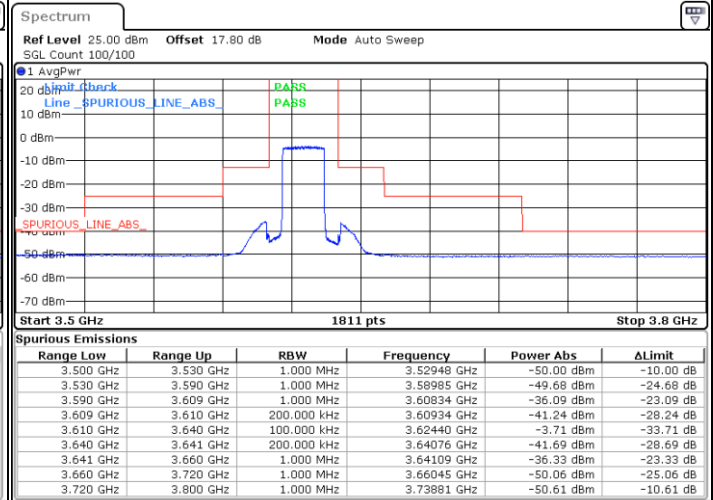
64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



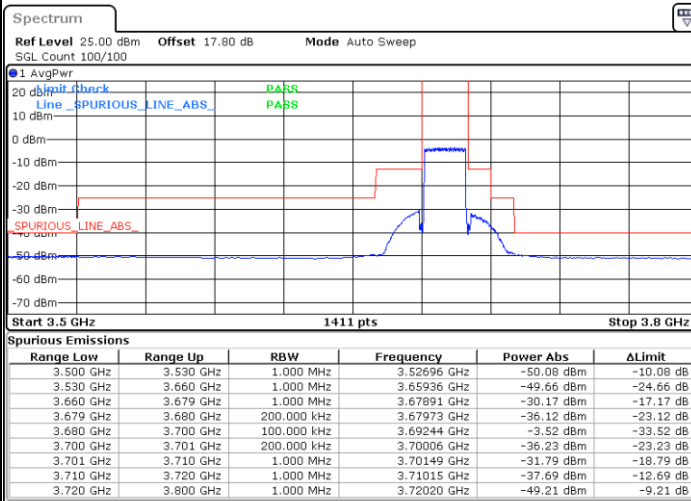
Date: 30.JAN.2024 17:29:35



Date: 30.JAN.2024 17:33:53

Highest Channel / FullIRB

N/A



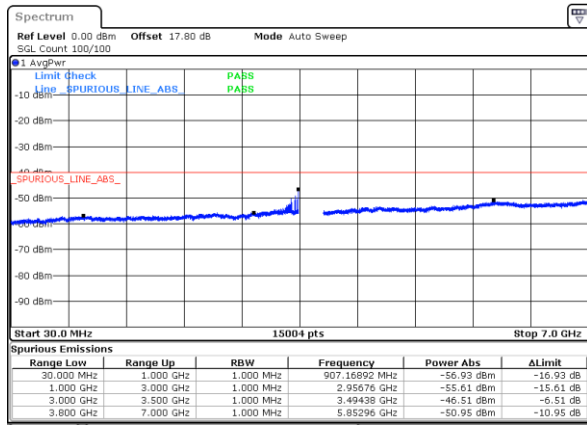
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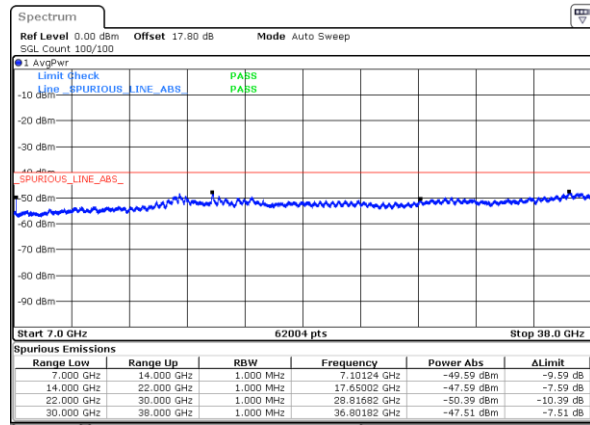
Conducted Spurious Emission

LTE Band 48 / 5MHz

Lowest Channel / QPSK

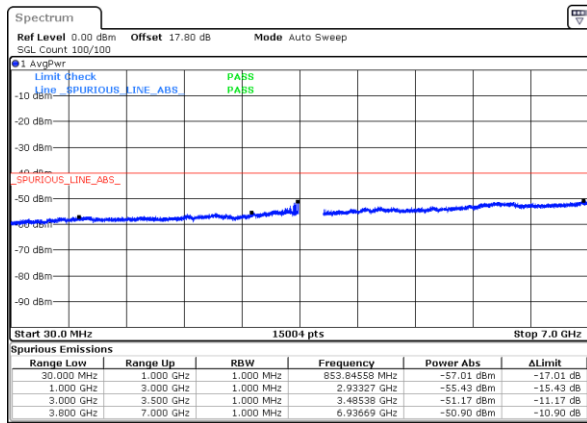


Date: 30.JAN.2024 17:37:40

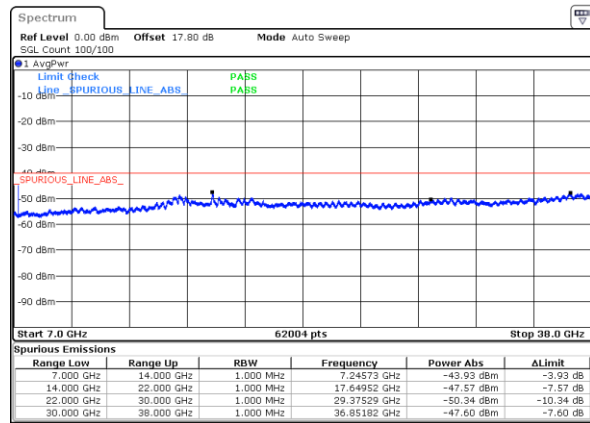


Date: 31.JAN.2024 11:17:09

Middle Channel / QPSK

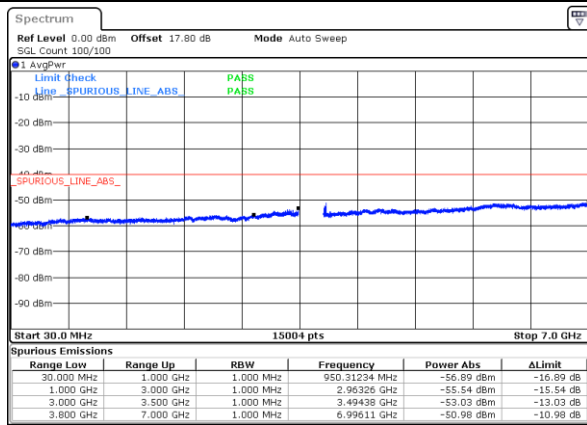


Date: 30.JAN.2024 17:38:51

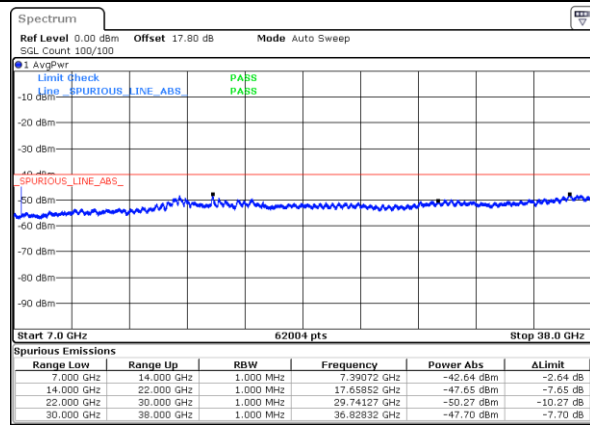


Date: 31.JAN.2024 11:18:26

Highest Channel / QPSK



Date: 30.JAN.2024 17:40:02

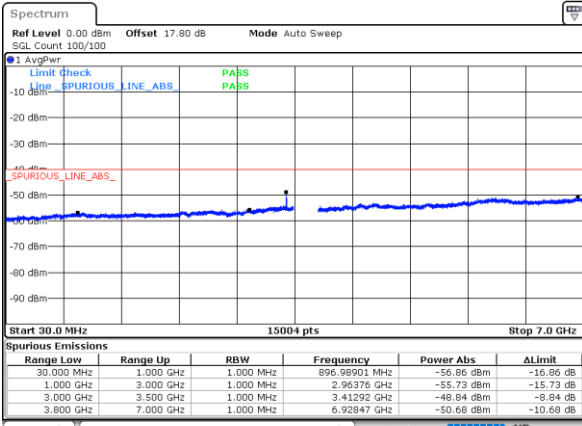


Date: 31.JAN.2024 11:19:43

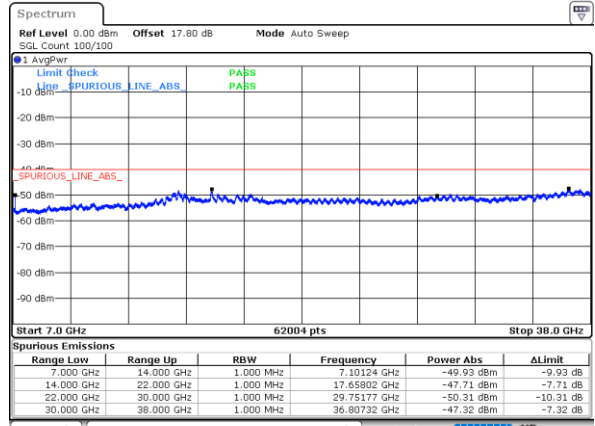


LTE Band 48 / 10MHz

Lowest Channel / QPSK

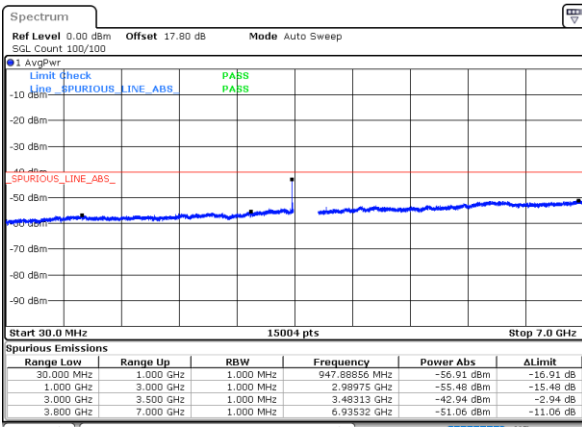


Date: 30.JAN.2024 17:41:13

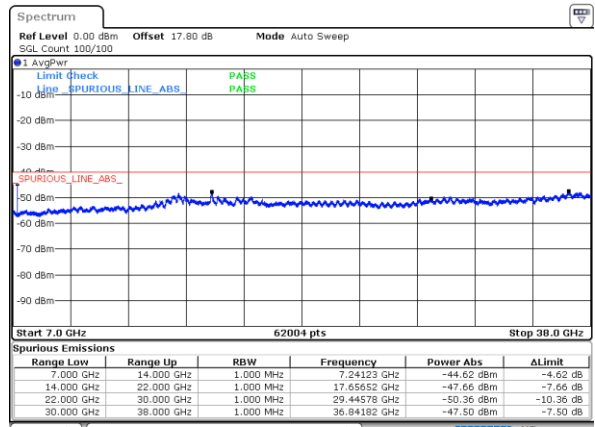


Date: 31.JAN.2024 11:21:05

Middle Channel / QPSK

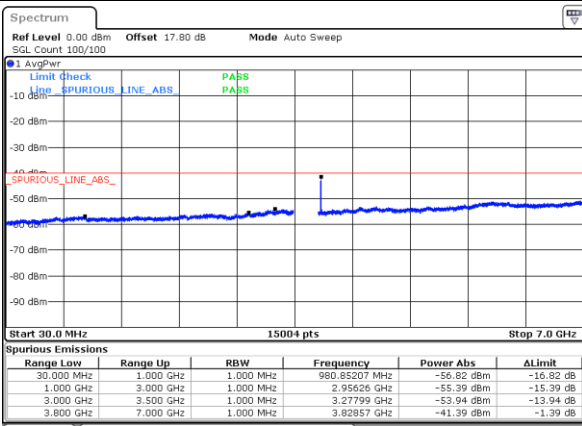


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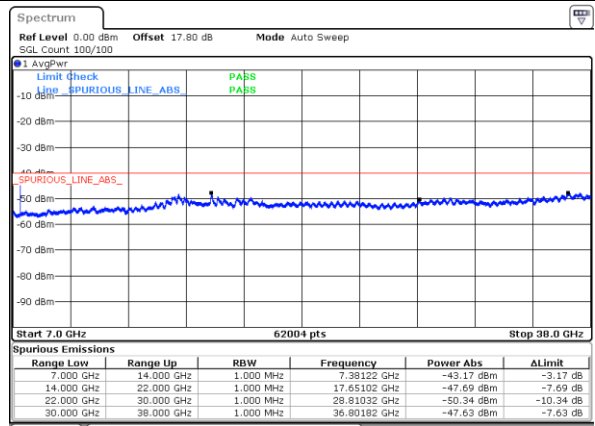


Date: 31.JAN.2024 11:22:23

Highest Channel / QPSK



Date: 31.JAN.2024 10:45:07

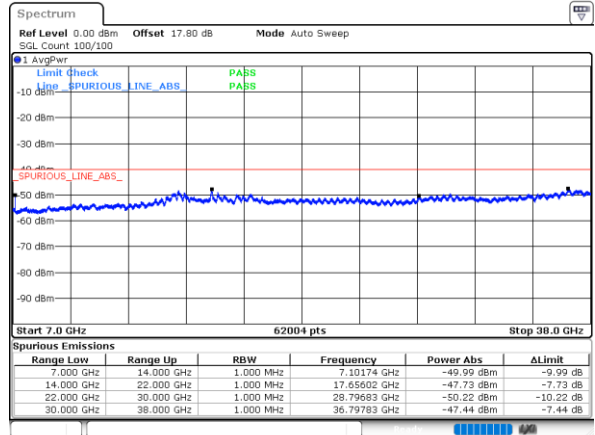
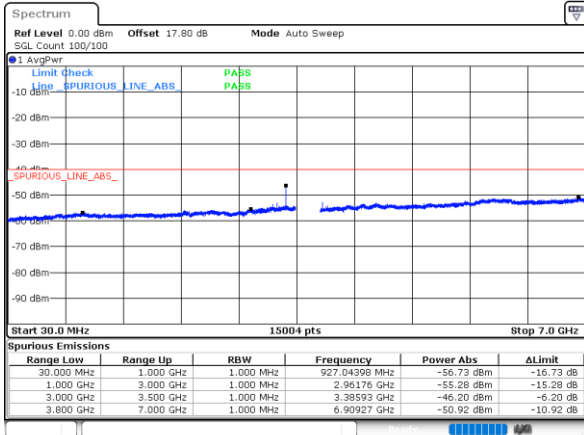


Date: 31.JAN.2024 11:23:40

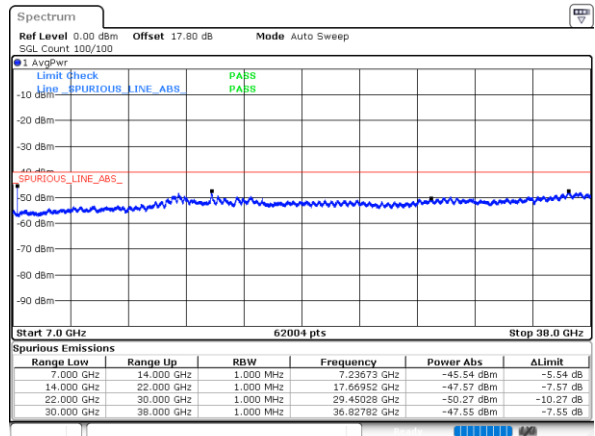
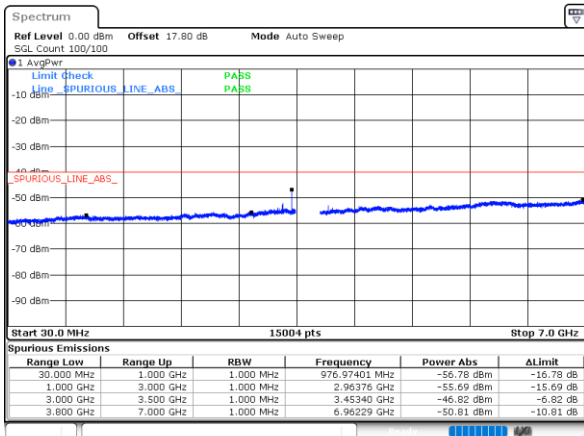


LTE Band 48 / 15MHz

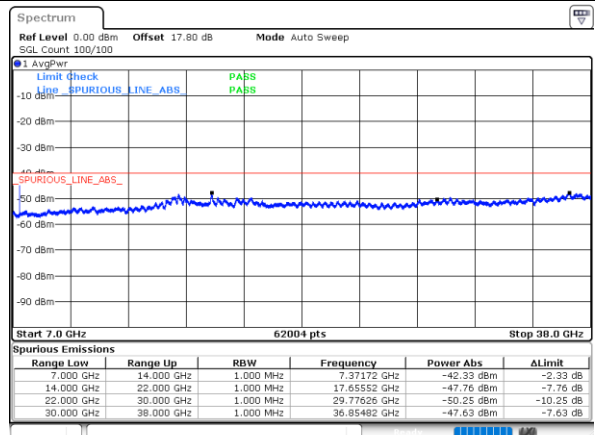
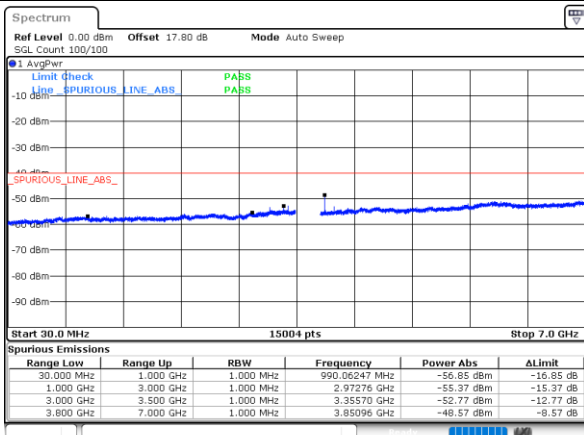
Lowest Channel / QPSK



Middle Channel / QPSK



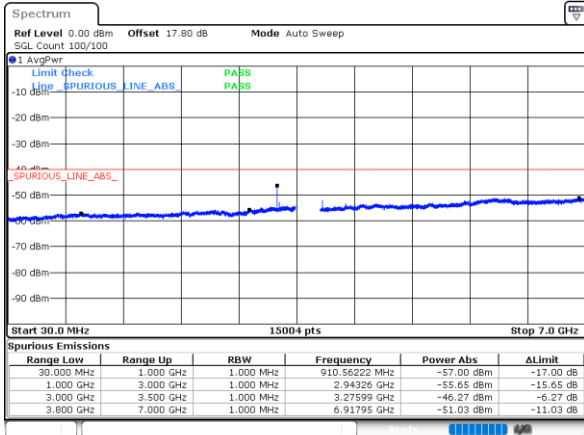
Highest Channel / QPSK



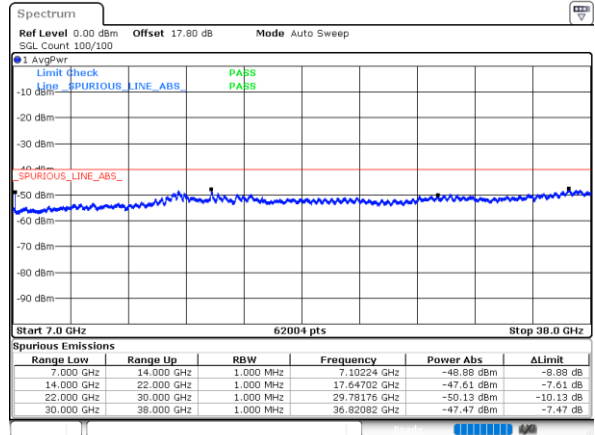


LTE Band 48 / 20MHz

Lowest Channel / QPSK

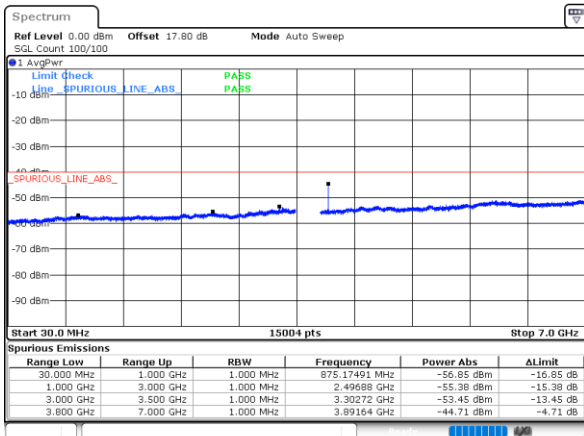


Date: 30_JAN,2024 17:48:20

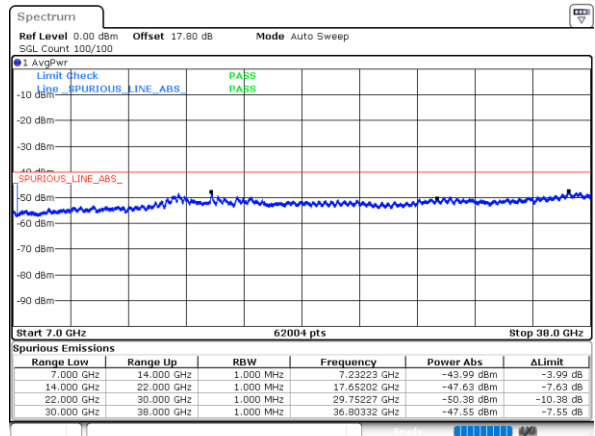


Date: 31_JAN,2024 11:28:59

Middle Channel / QPSK

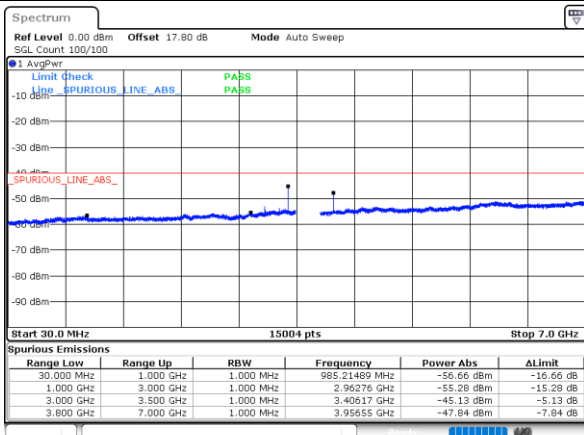


Date: 30_JAN,2024 17:49:31

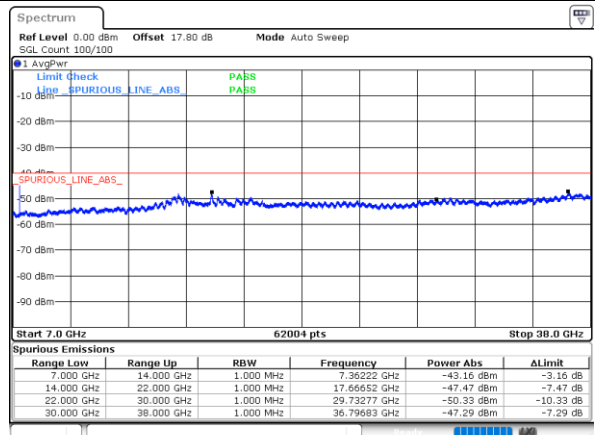


Date: 31_JAN,2024 11:30:17

Highest Channel / QPSK



Date: 30_JAN,2024 17:50:42



Date: 31_JAN,2024 11:31:34

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	0.0000	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 48C

26dB Bandwidth

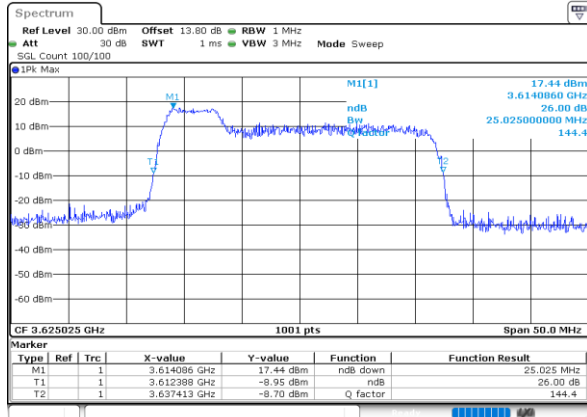
Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	25.02	29.96	35.03	25.27
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	35.10	39.88	-
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.92	29.85	34.89	25.07
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.14	35.10	39.79	-
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.92	29.91	34.96	25.12
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	35.17	39.88	-



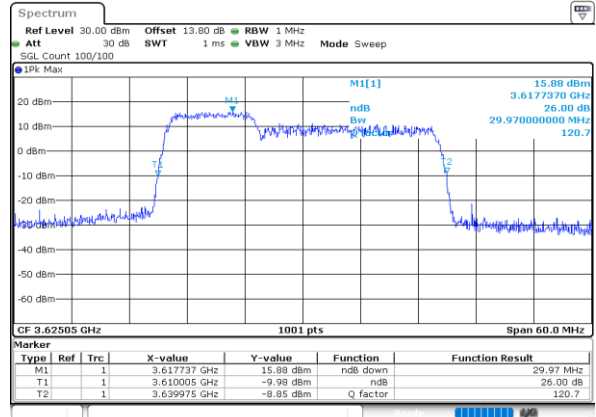
LTE Band 48C

QPSK

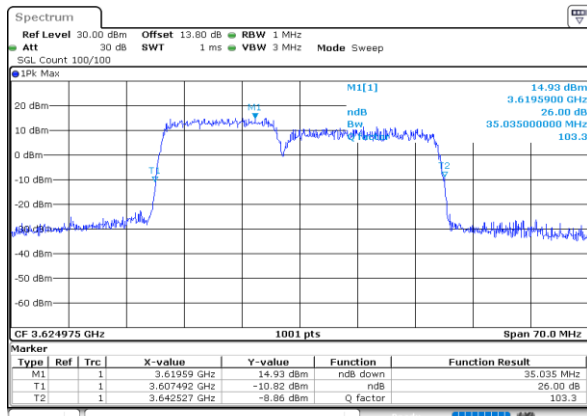
Middle Channel / 5MHz+20MHz



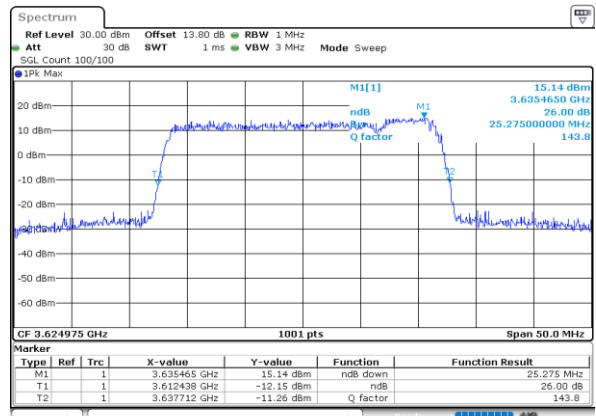
Middle Channel / 10MHz+20MHz



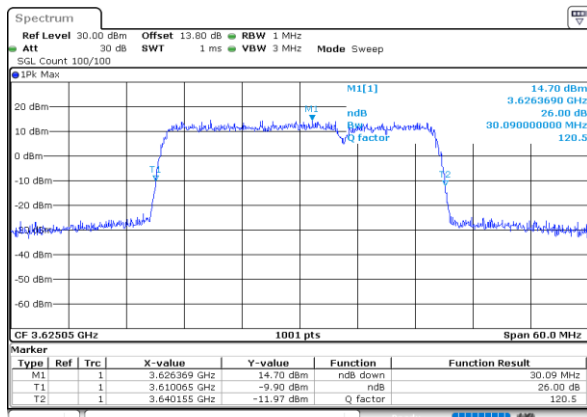
Middle Channel / 15MHz+20MHz



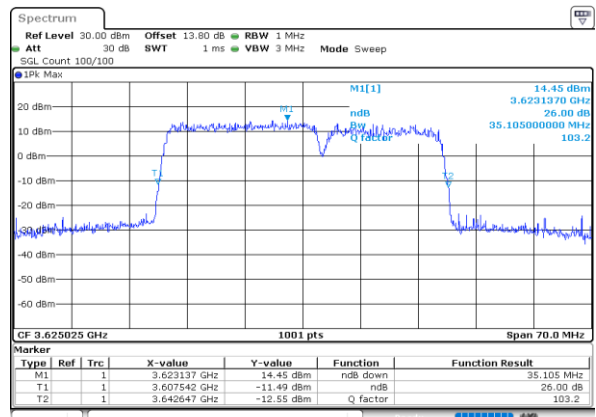
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



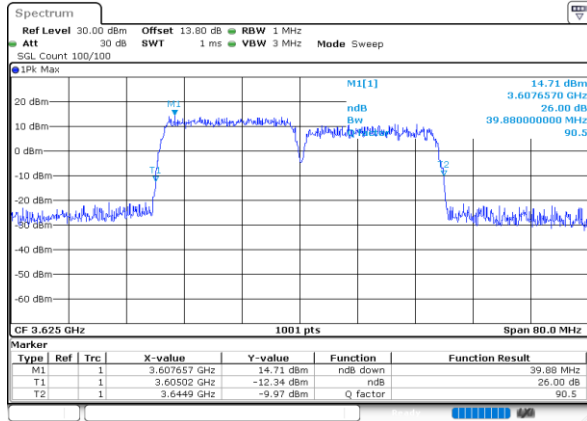


LTE Band 48C

QPSK

Middle Channel / 20MHz+20MHz

N/A

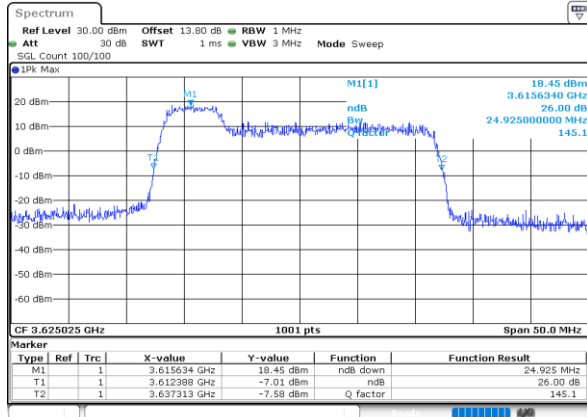




LTE Band 48C

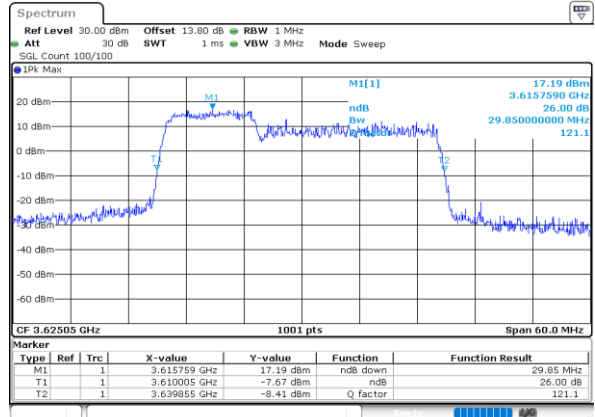
16QAM

Middle Channel / 5MHz+20MHz



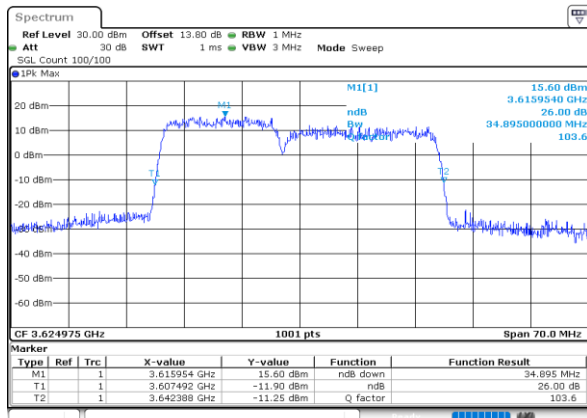
Date: 28.FEB.2024 16:03:35

Middle Channel / 10MHz+20MHz



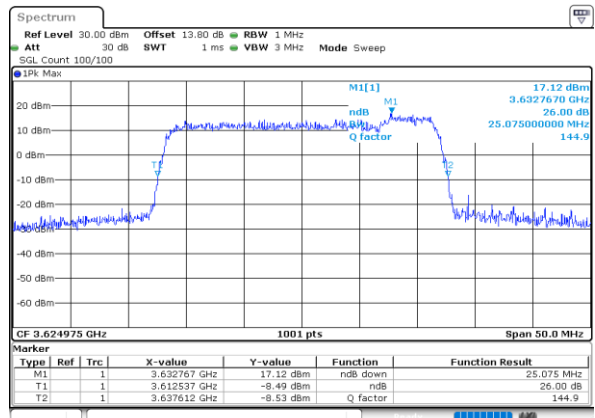
Date: 28.FEB.2024 16:09:32

Middle Channel / 15MHz+20MHz



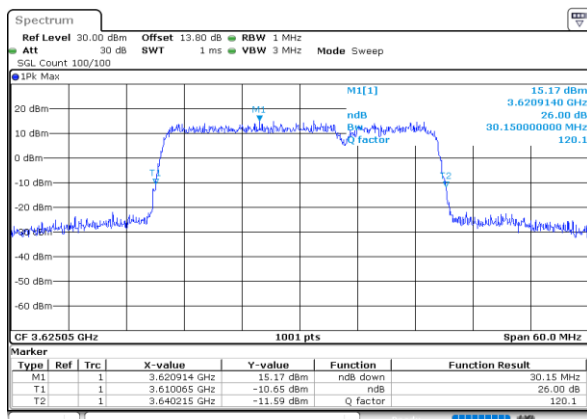
Date: 28.FEB.2024 16:16:01

Middle Channel / 20MHz+5MHz



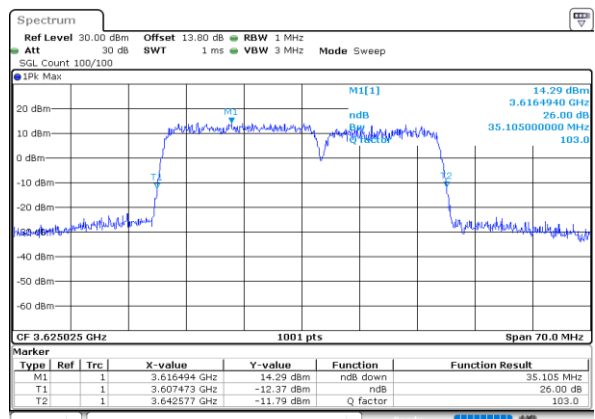
Date: 28.FEB.2024 16:06:49

Middle Channel / 20MHz+10MHz



Date: 28.FEB.2024 16:12:46

Middle Channel / 20MHz+15MHz



Date: 28.FEB.2024 16:19:15



LTE Band 48C

16QAM

Middle Channel / 20MHz+20MHz

N/A

