

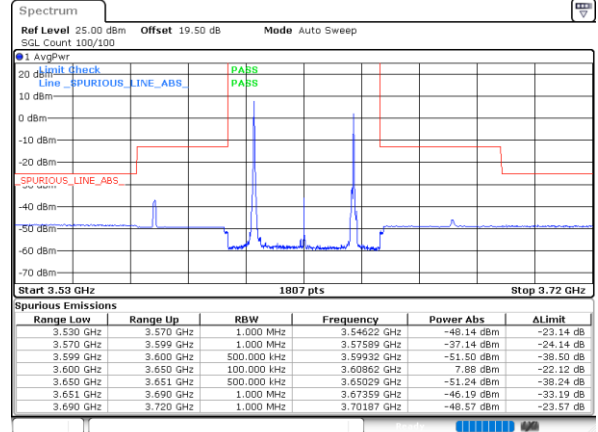
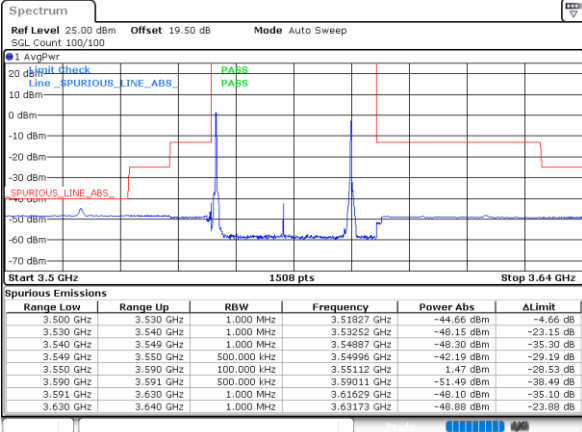


LTE Band 48C / 15MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

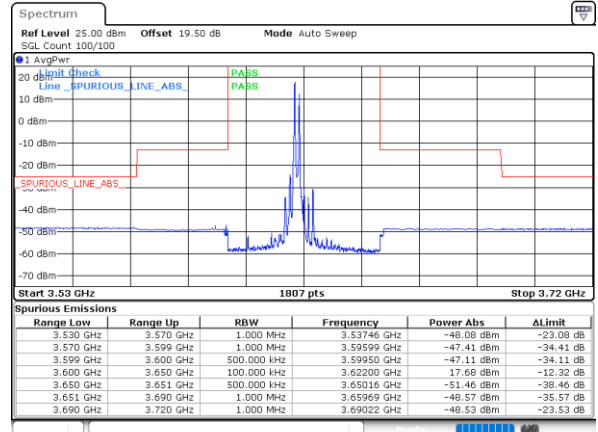
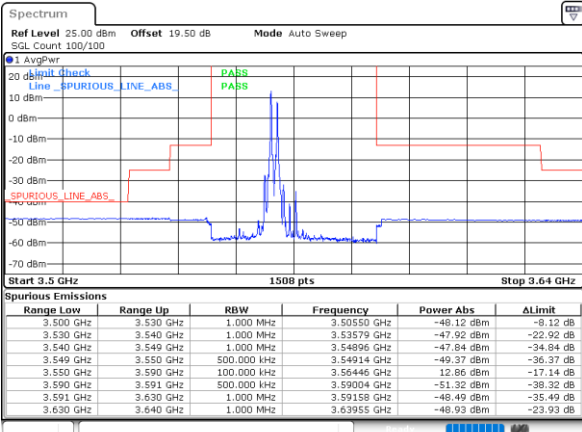


Date: 22_FEB.2024 22:10:11

Date: 22_FEB.2024 22:43:32

Lowest Band Edge / 1RB74 and 1RB0

Middle Band Edge / 1RB74 and 1RB0

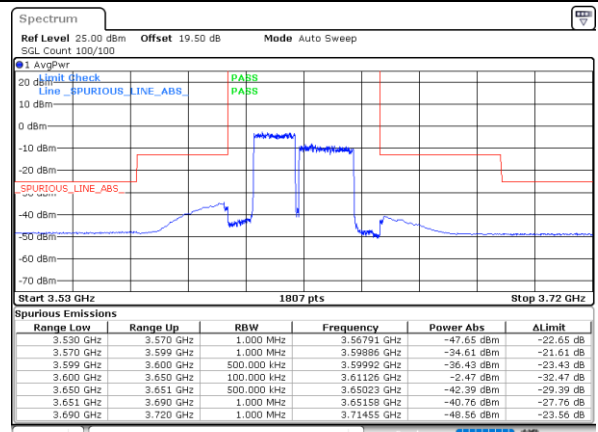
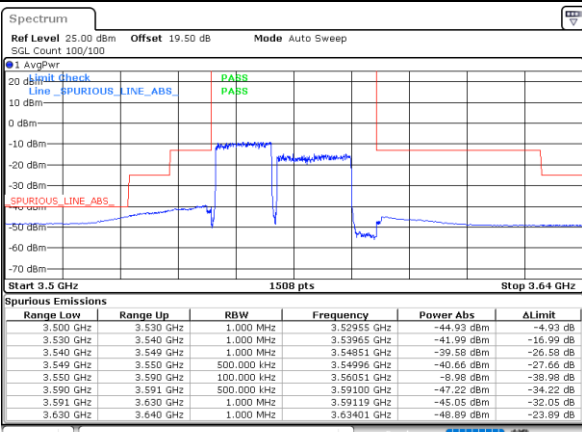


Date: 22_FEB.2024 22:31:18

Date: 22_FEB.2024 22:44:39

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22_FEB.2024 22:16:51

Date: 22_FEB.2024 22:38:00

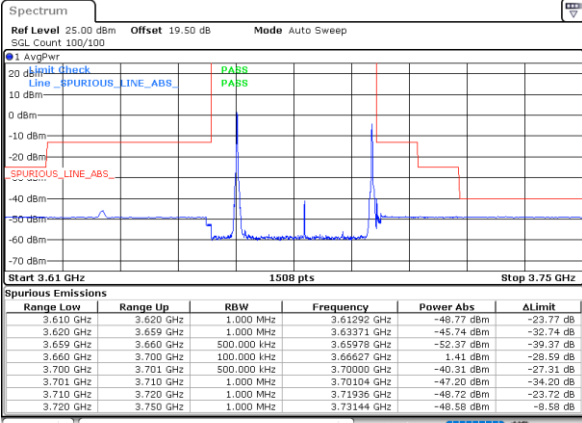


LTE Band 48C / 15MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

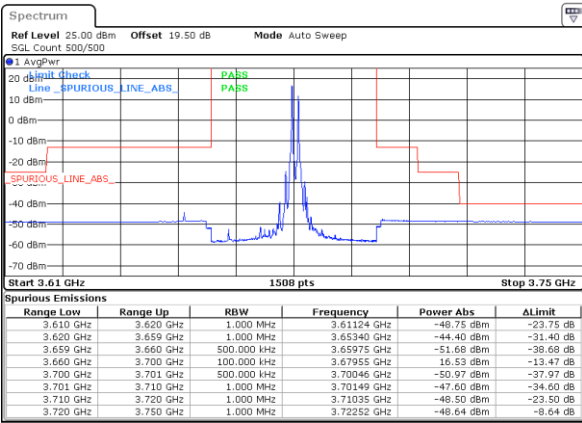
N/A



Date: 22, FEB, 2024 22:50:14

Highest Band Edge / 1RB74 and 1RB0

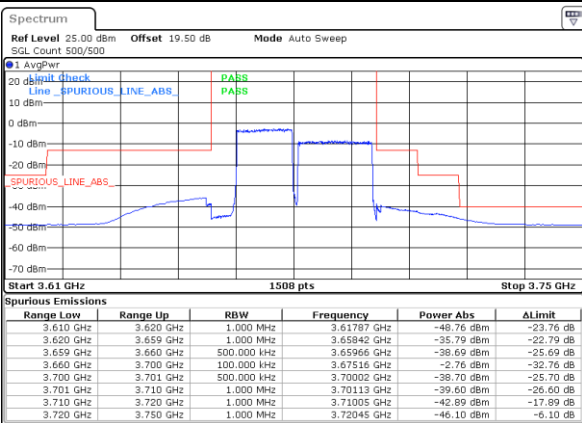
N/A



Date: 6, FEB, 2024 15:08:26

Highest Band Edge / Full RB

N/A



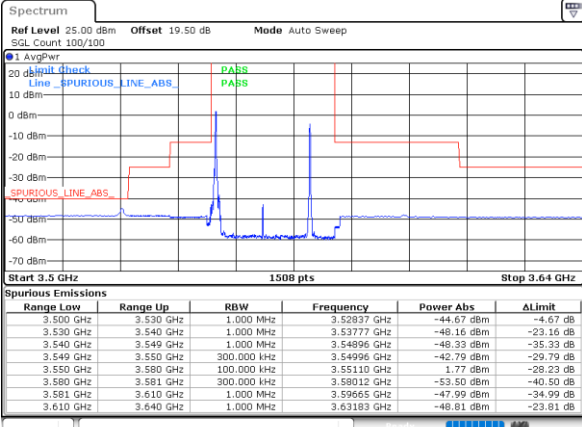
Date: 6, FEB, 2024 15:03:07



LTE Band 48C/ 20MHz+5MHz

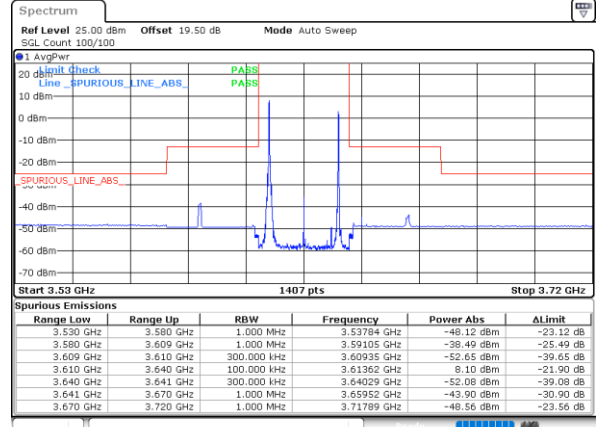
64QAM

Lowest Band Edge / 1RB0 and 1RB24



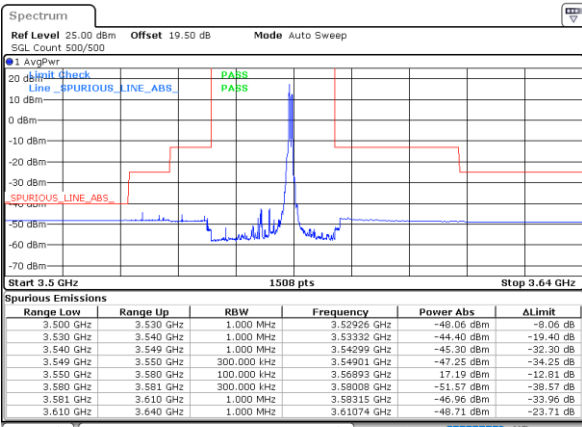
Date: 22, FEB, 2024 22:51:26

Middle Band Edge / 1RB0 and 1RB24



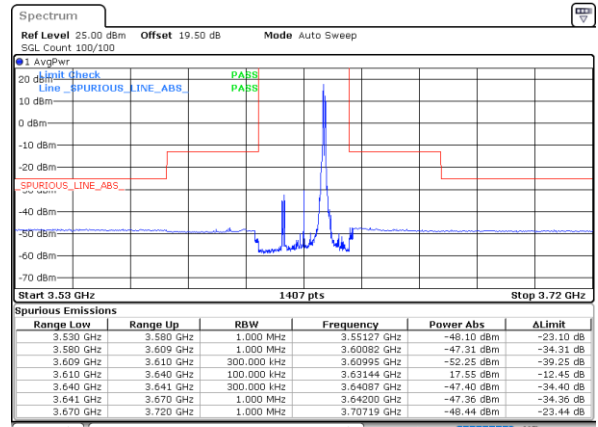
Date: 22, FEB, 2024 22:58:10

Lowest Band Edge / 1RB99 and 1RB0



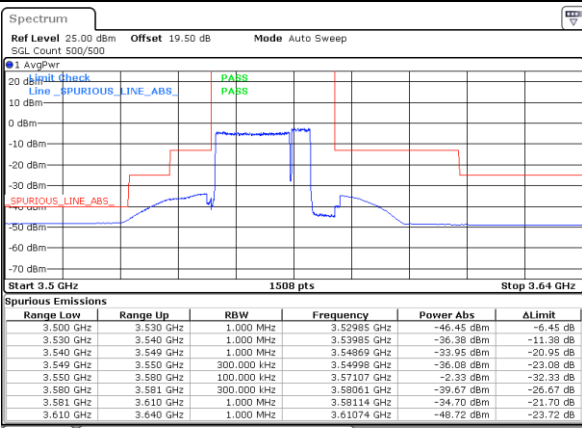
Date: 6, FEB, 2024 12:34:29

Middle Band Edge / 1RB99 and 1RB0



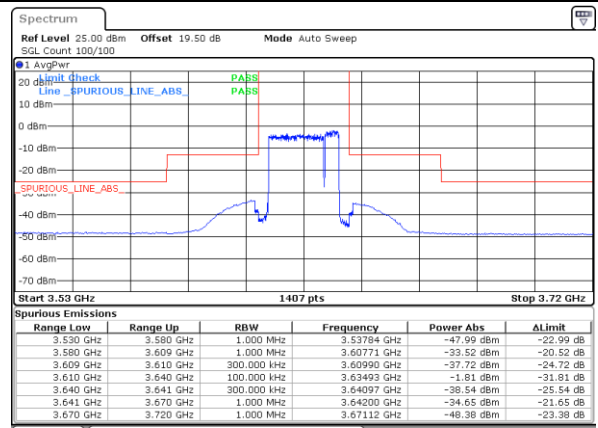
Date: 22, FEB, 2024 23:03:42

Lowest Band Edge / Full RB



Date: 6, FEB, 2024 12:39:49

Middle Band Edge / Full RB



Date: 22, FEB, 2024 23:04:49

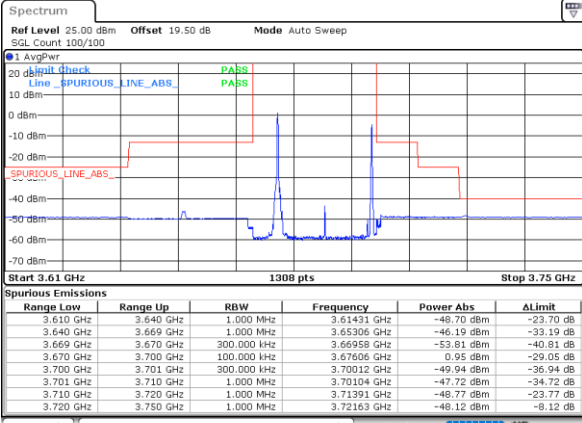


LTE Band 48C / 20MHz+5MHz

64QAM

Highest Band Edge / 1RB0 and 1RB24

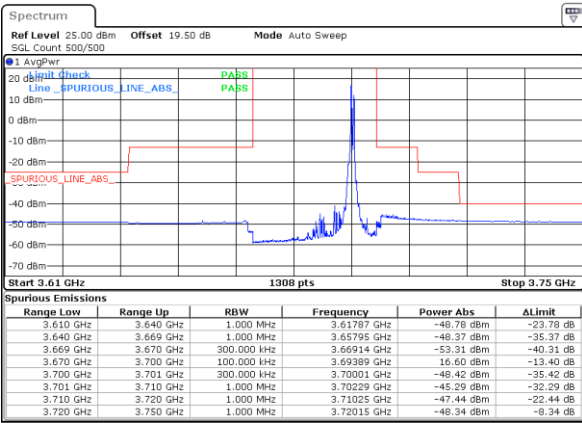
N/A



Date: 22, FEB, 2024 22:57:01

Highest Band Edge / 1RB99 and 1RB0

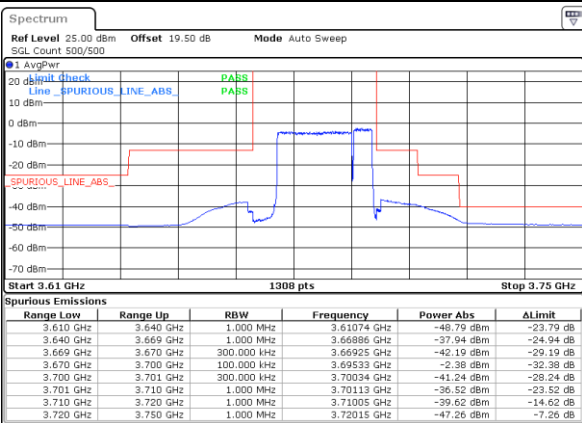
N/A



Date: 6, FEB, 2024 12:53:37

Highest Band Edge / Full RB

N/A



Date: 6, FEB, 2024 12:48:18

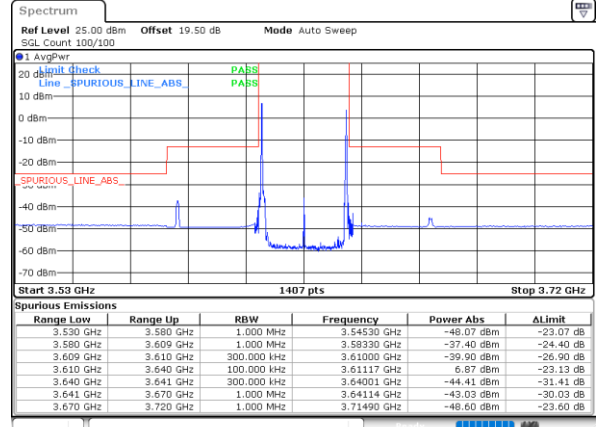
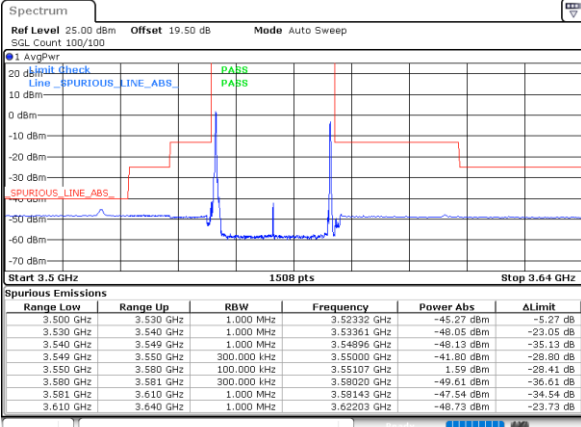


LTE Band 48C / 20MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

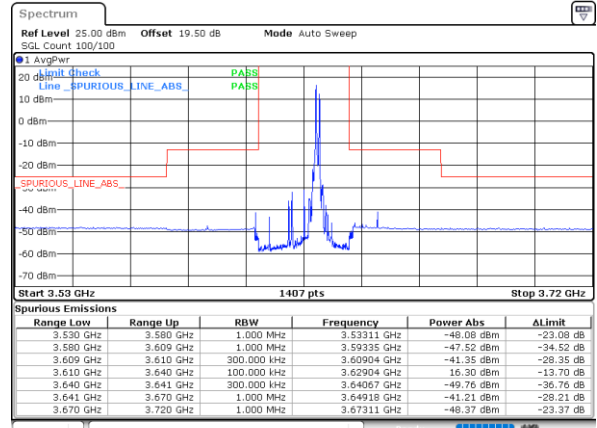
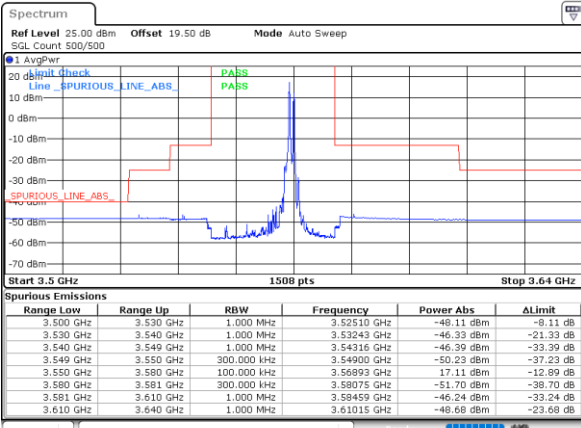


Date: 22, FEB, 2024 23:10:25

Date: 22, FEB, 2024 23:23:48

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

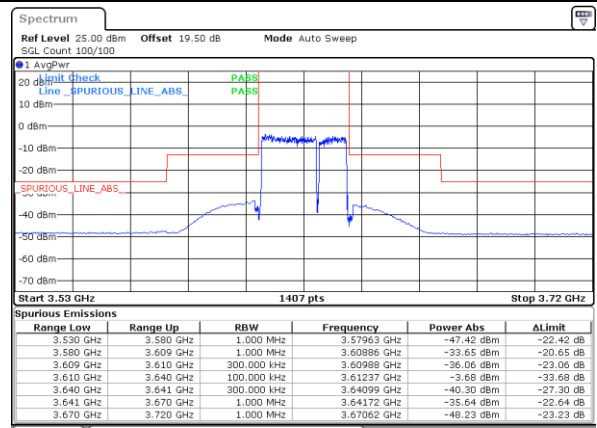
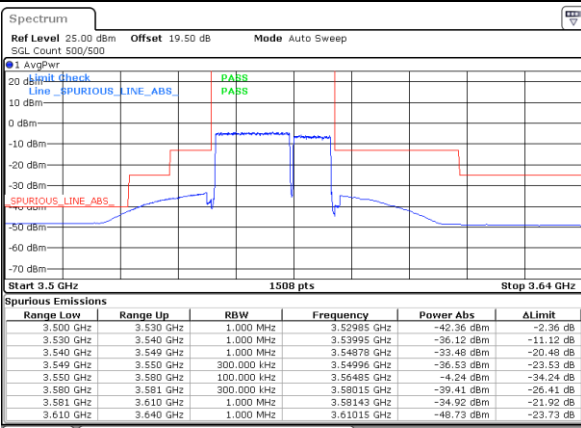


Date: 6, FEB, 2024 14:04:29

Date: 22, FEB, 2024 23:18:16

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 6, FEB, 2024 14:09:49

Date: 23, FEB, 2024 00:05:26

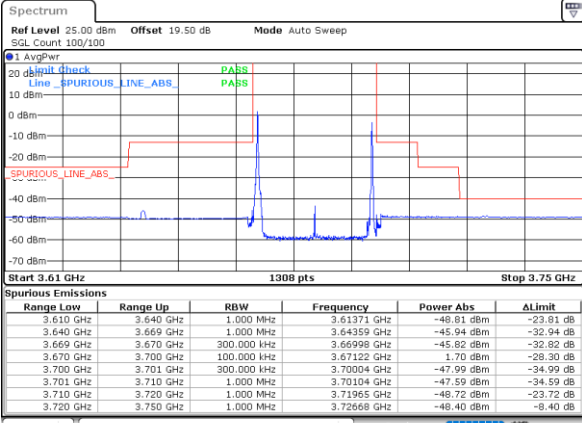


LTE Band 48C / 20MHz+10MHz

64QAM

Highest Band Edge / 1RB0 and 1RB49

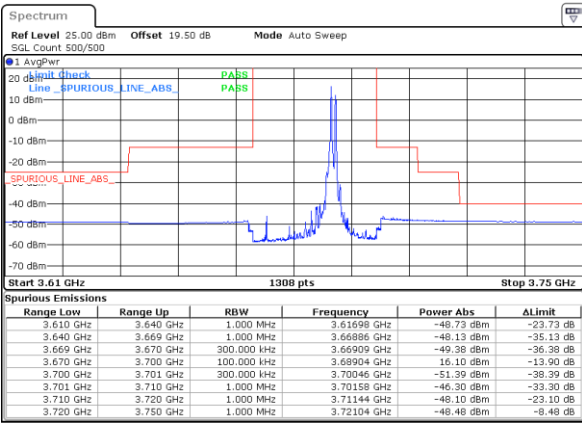
N/A



Date: 22, FEB, 2024 23:11:34

Highest Band Edge / 1RB99 and 1RB0

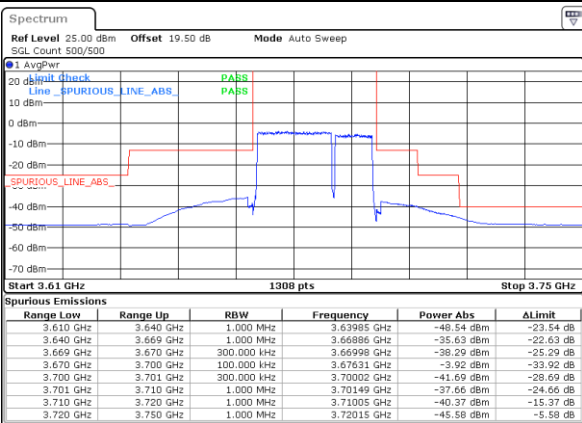
N/A



Date: 6, FEB, 2024 14:23:39

Highest Band Edge / Full RB

N/A



Date: 6, FEB, 2024 14:18:19

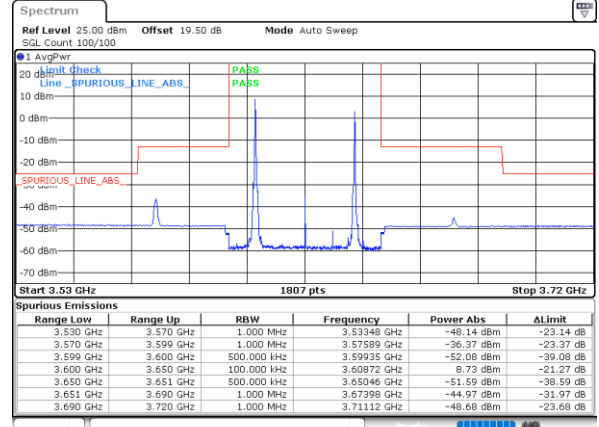
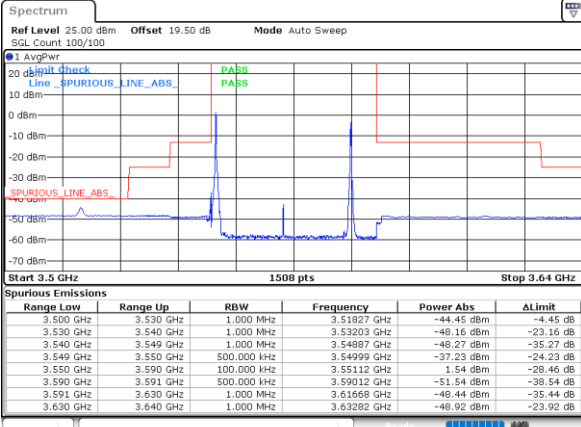


LTE Band 48C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Middle Band Edge / 1RB0 and 1RB74

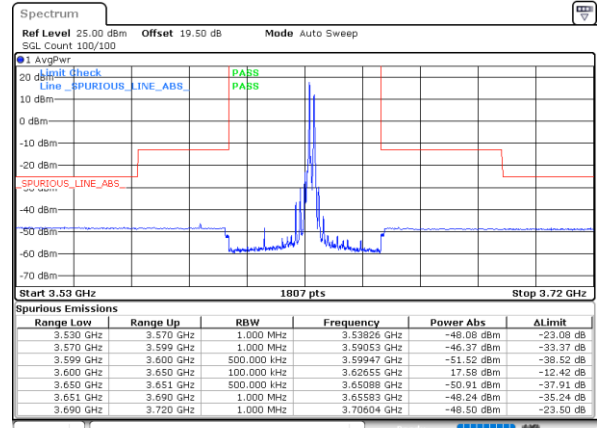
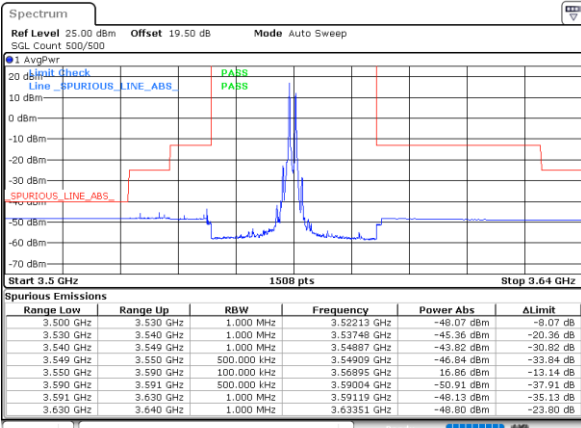


Date: 22.FEB.2024 23:24:58

Date: 22.FEB.2024 23:35:02

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

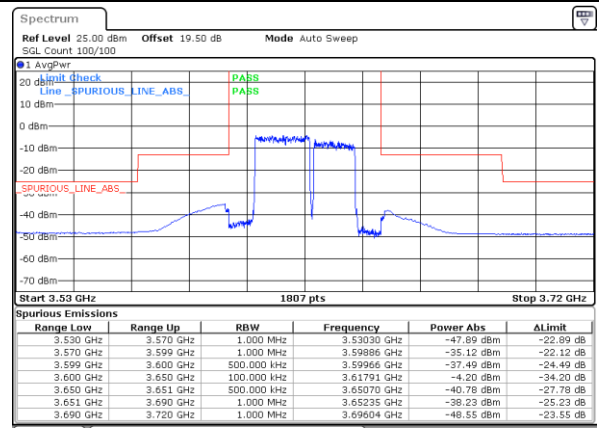
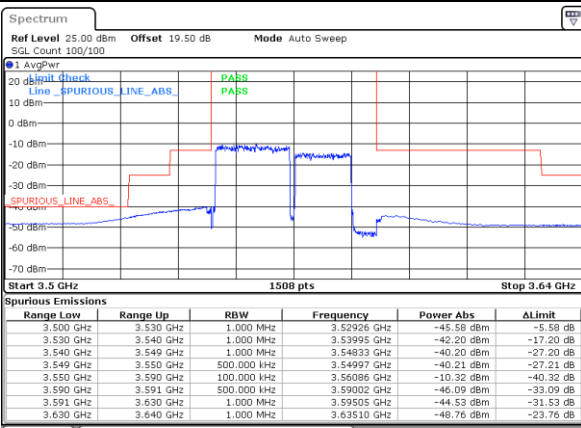


Date: 6.FEB.2024 15:34:01

Date: 22.FEB.2024 23:40:35

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22.FEB.2024 23:30:31

Date: 22.FEB.2024 23:41:42

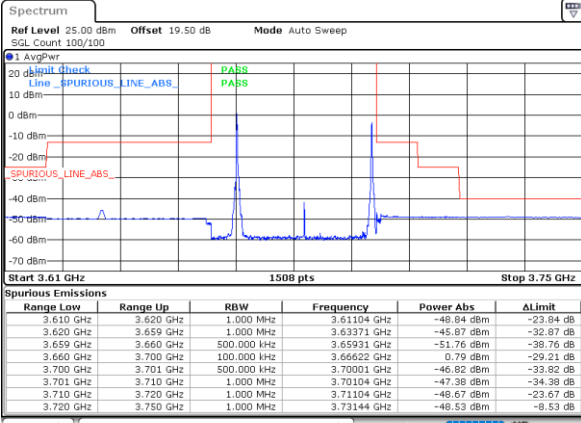


LTE Band 48C / 20MHz+15MHz

64QAM

Highest Band Edge / 1RB0 and 1RB74

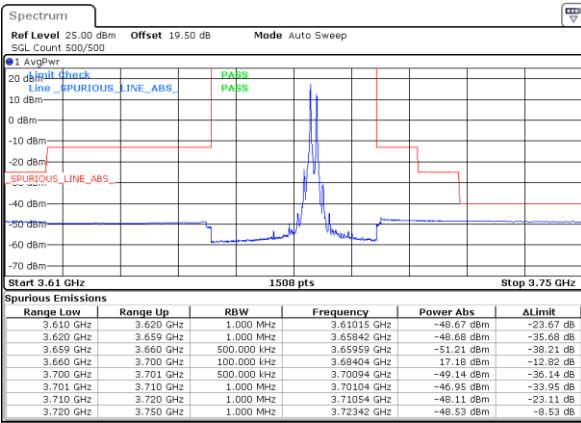
N/A



Date: 22, FEB, 2024 23:33:53

Highest Band Edge / 1RB99 and 1RB0

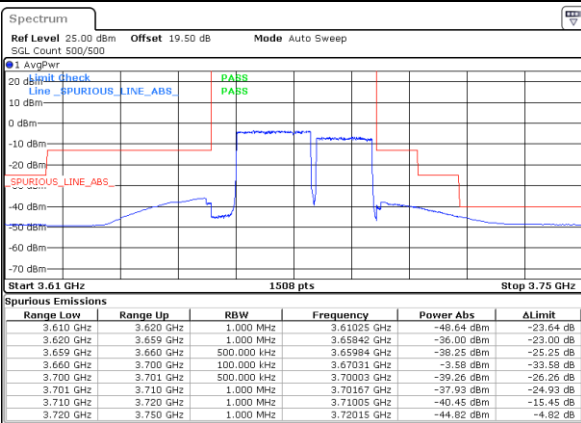
N/A



Date: 6, FEB, 2024 15:53:12

Highest Band Edge / Full RB

N/A



Date: 6, FEB, 2024 15:47:53

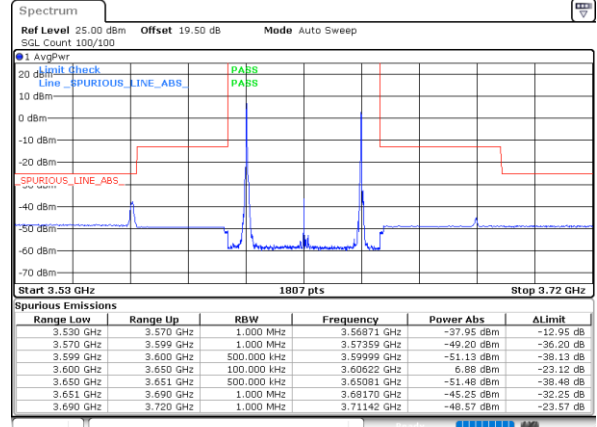
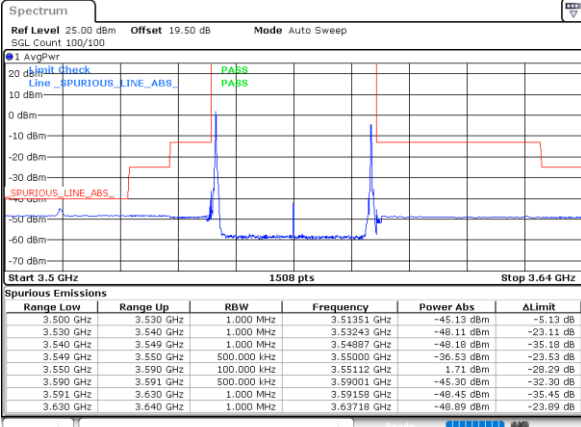


LTE Band 48C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

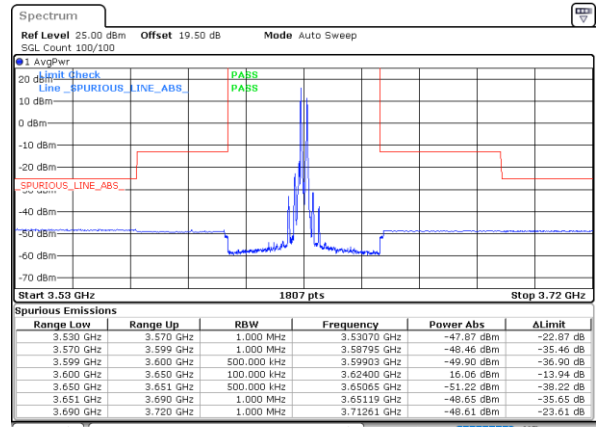
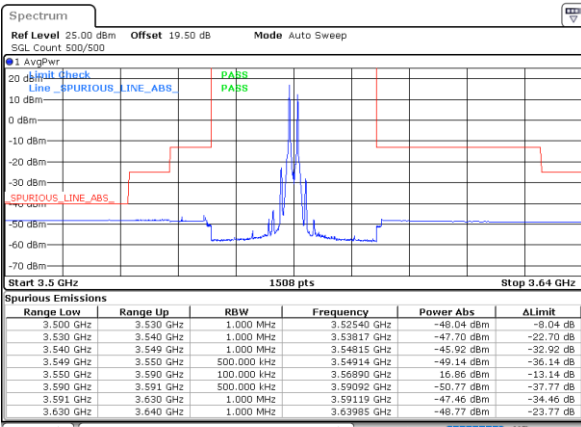


Date: 22.FEB.2024 23:48:11

Date: 22.FEB.2024 23:56:44

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

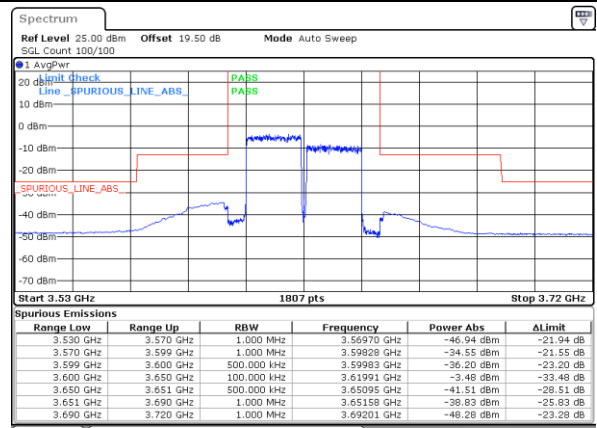
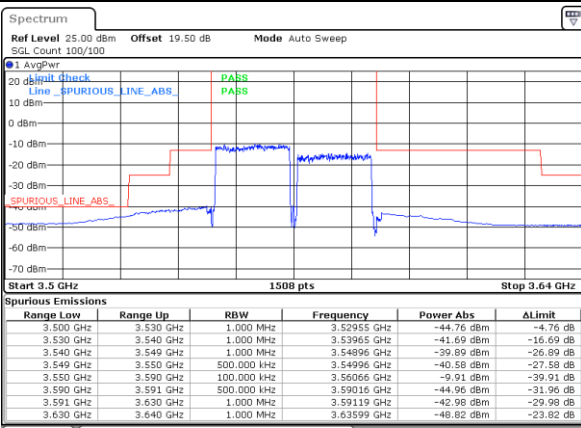


Date: 6.FEB.2024 16:18:13

Date: 22.FEB.2024 23:57:46

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 22.FEB.2024 23:47:07

Date: 23.FEB.2024 00:03:05

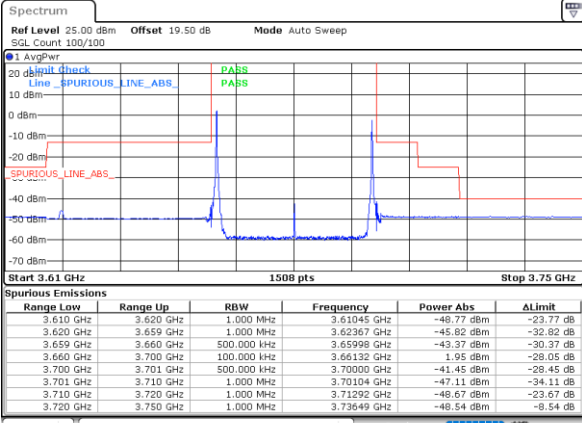


LTE Band 48C / 20MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

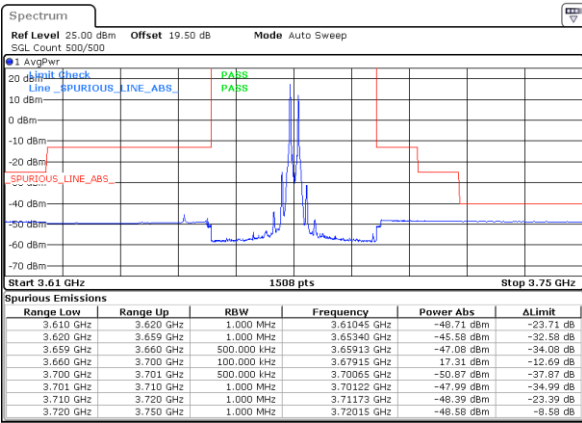
N/A



Date: 22, FEB, 2024 23:53:31

Highest Band Edge / 1RB99 and 1RB0

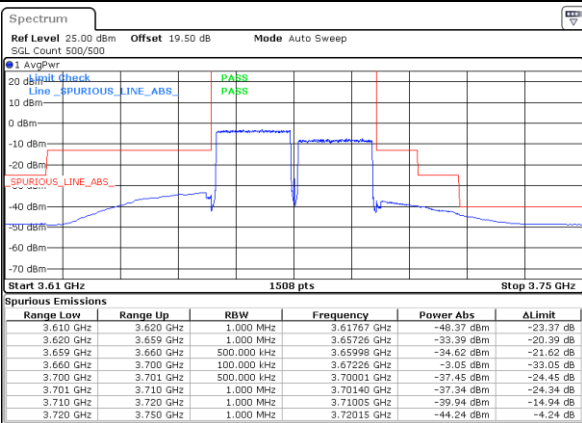
N/A



Date: 6, FEB, 2024 16:36:47

Highest Band Edge / Full RB

N/A



Date: 6, FEB, 2024 16:31:39

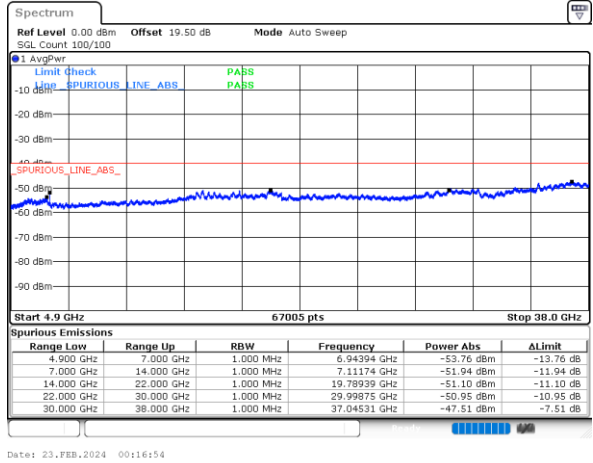
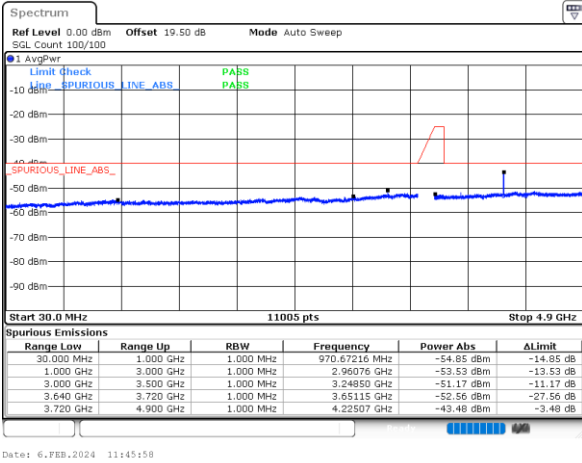


Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

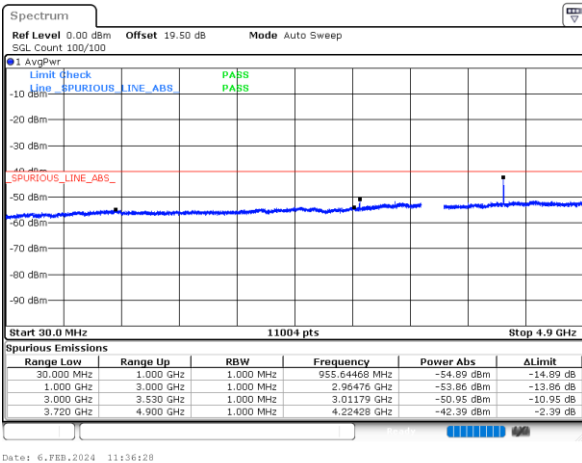
Lowest Channel / 1RB24 and 1RB0



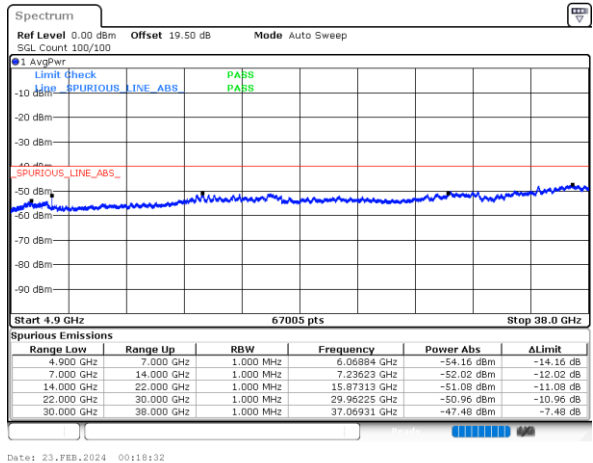
Date: 6.FEB.2024 11:45:58

Date: 23.FEB.2024 00:16:54

Middle Channel / 1RB24 and 1RB0

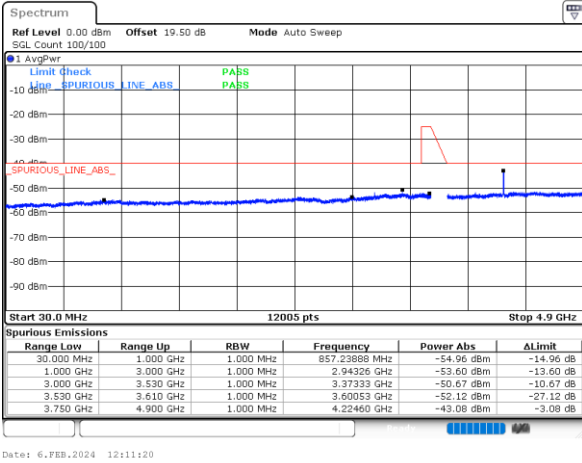


Date: 6.FEB.2024 11:36:28

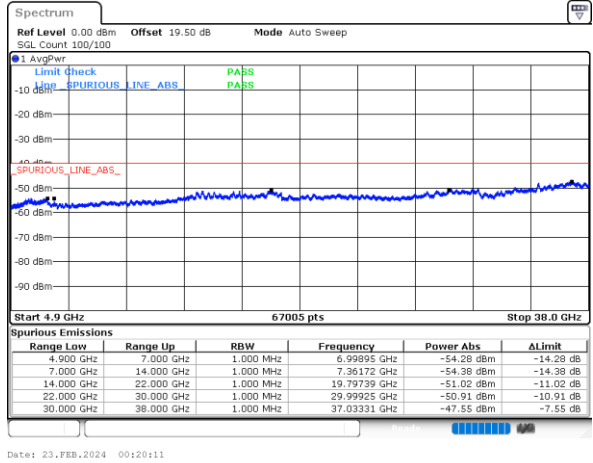


Date: 23.FEB.2024 00:16:32

Highest Channel / 1RB24 and 1RB0



Date: 6.FEB.2024 12:11:20



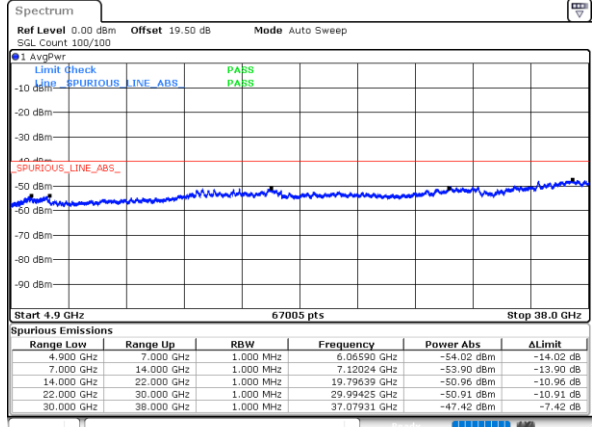
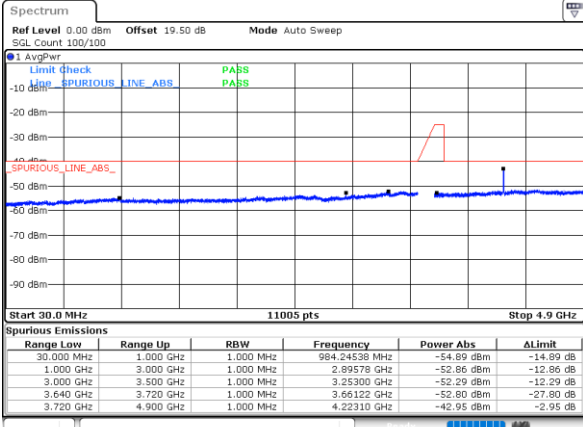
Date: 23.FEB.2024 00:20:11



LTE Band 48C / 10MHz+20MHz

QPSK

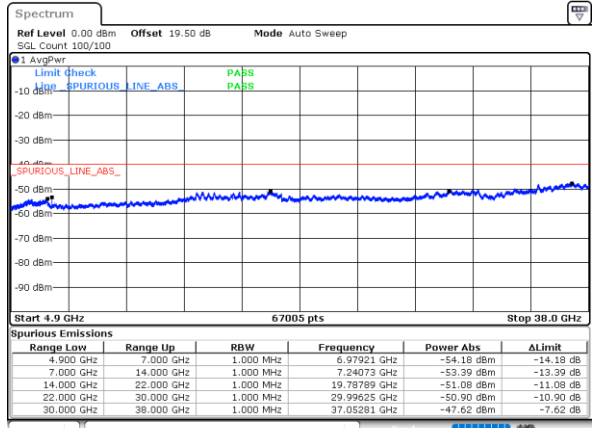
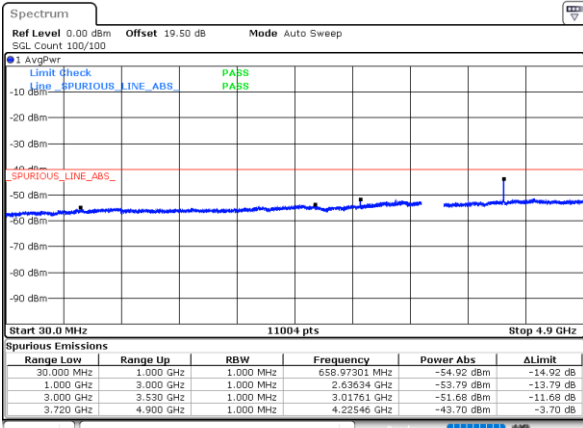
Lowest Channel / 1RB49 and 1RB0



Date: 6.FEB.2024 13:17:09

Date: 23.FEB.2024 00:26:51

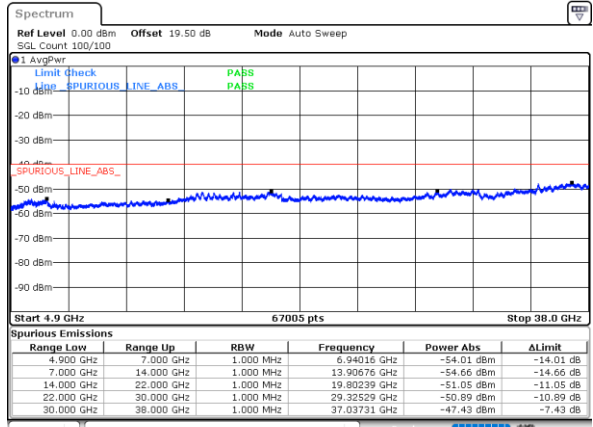
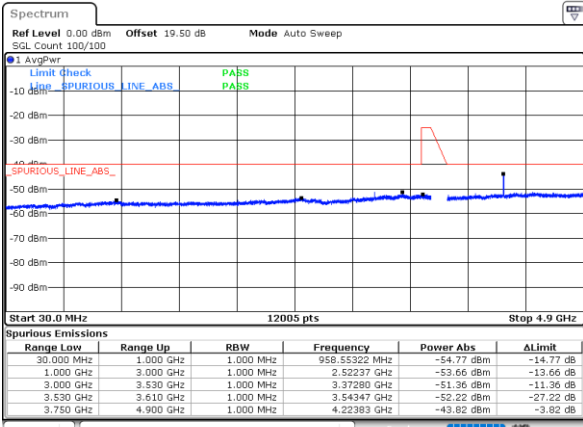
Middle Channel / 1RB49 and 1RB0



Date: 6.FEB.2024 13:08:19

Date: 23.FEB.2024 00:26:30

Highest Channel / 1RB49 and 1RB0



Date: 6.FEB.2024 13:41:59

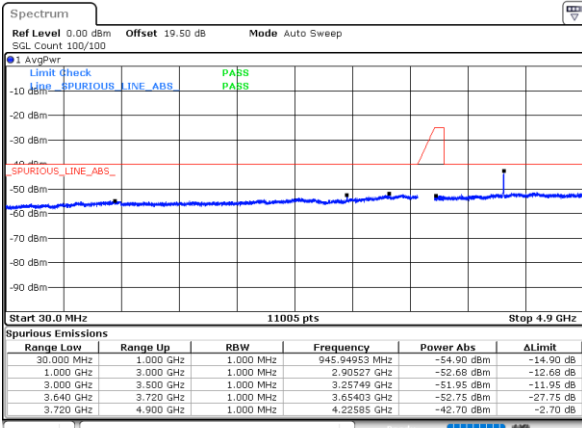
Date: 23.FEB.2024 00:30:08



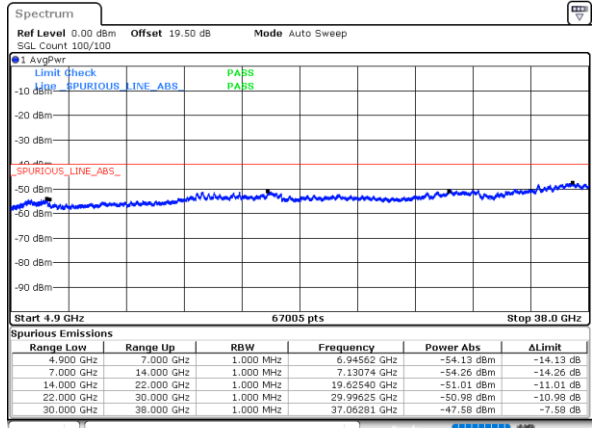
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

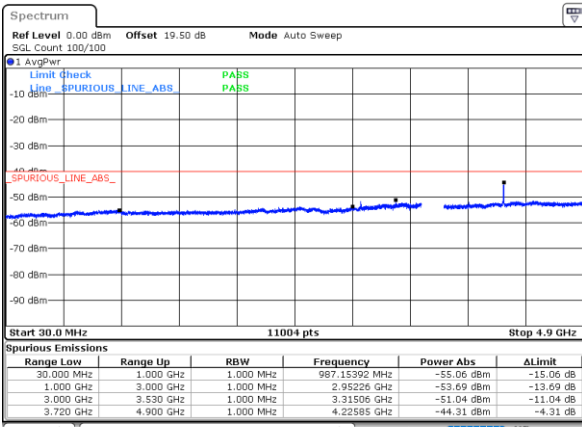


Date: 6.FEB.2024 14:46:36

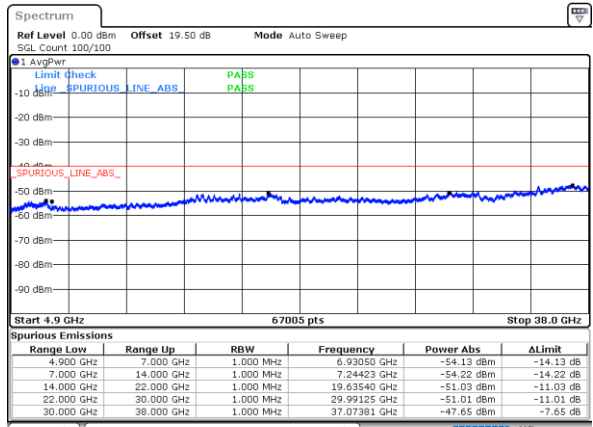


Date: 23.FEB.2024 00:13:148

Middle Channel / 1RB74 and 1RB0

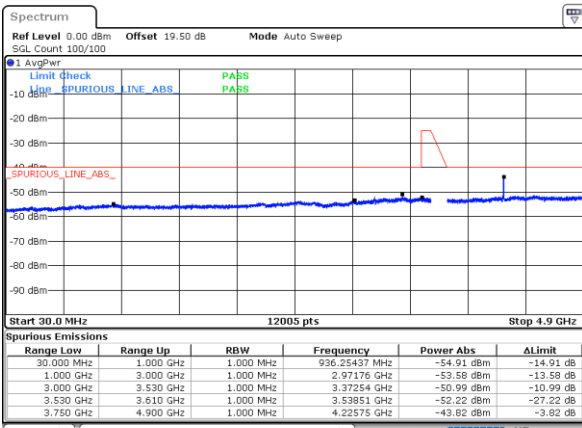


Date: 6.FEB.2024 14:17:41

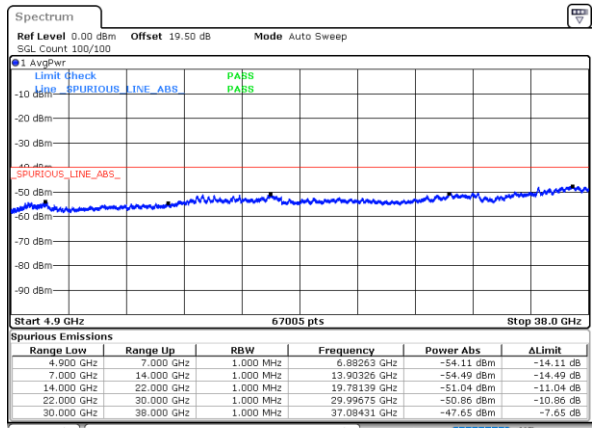


Date: 23.FEB.2024 00:13:626

Highest Channel / 1RB74 and 1RB0



Date: 6.FEB.2024 15:11:28



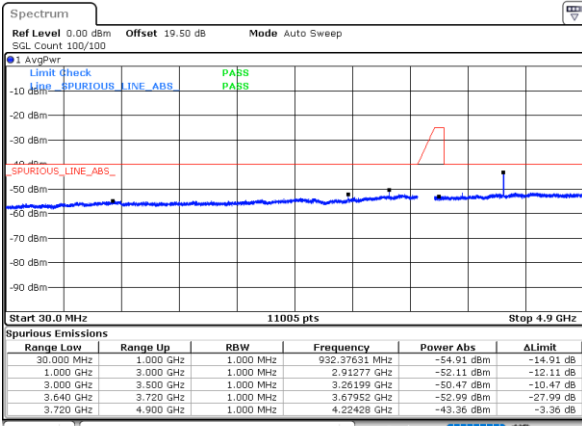
Date: 23.FEB.2024 00:14:05



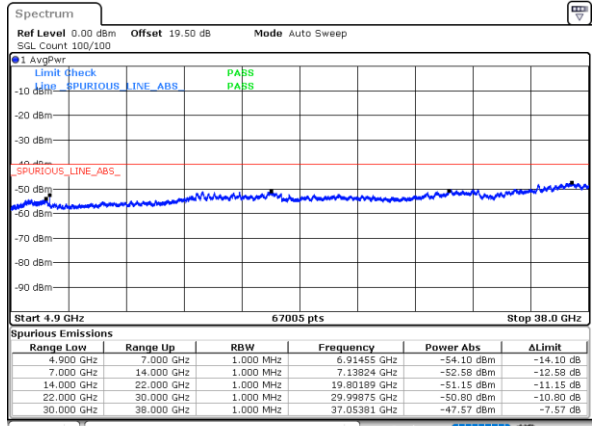
LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

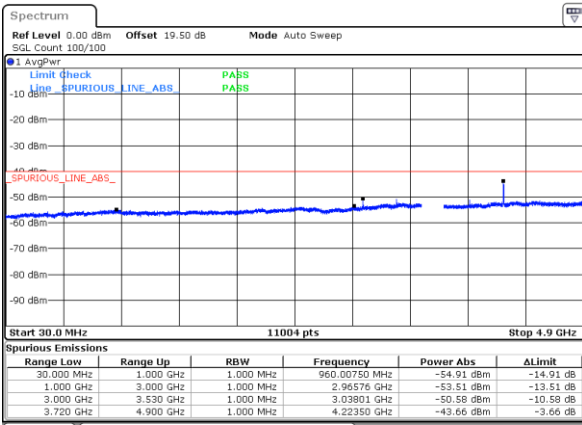


Date: 6.FEB.2024 12:31:51

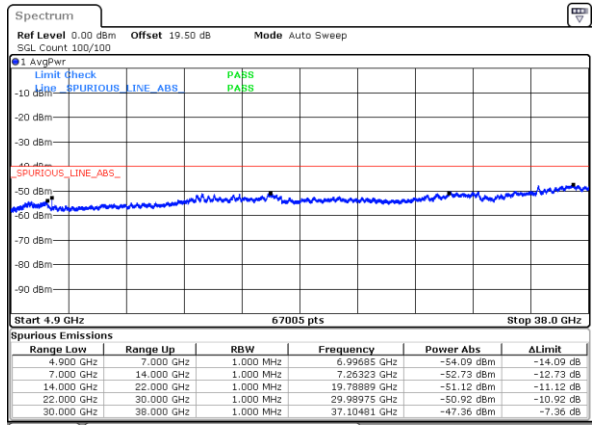


Date: 23.FEB.2024 00:21:52

Middle Channel / 1RB99 and 1RB0

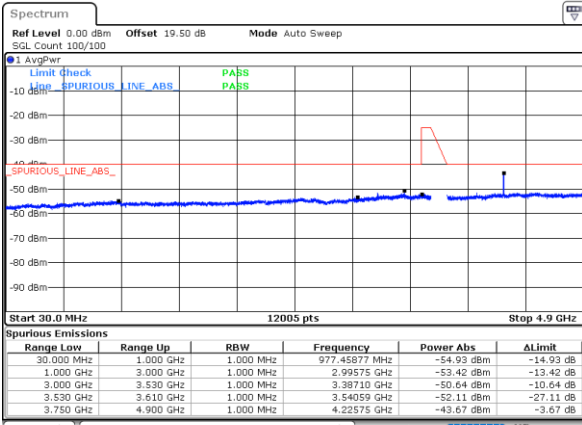


Date: 6.FEB.2024 12:22:40

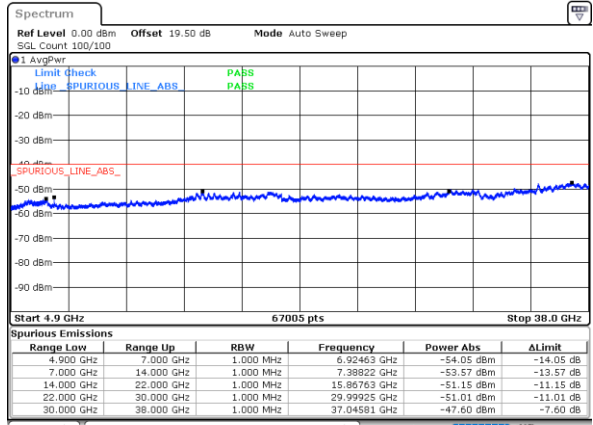


Date: 23.FEB.2024 00:23:31

Highest Channel / 1RB99 and 1RB0



Date: 6.FEB.2024 12:56:59



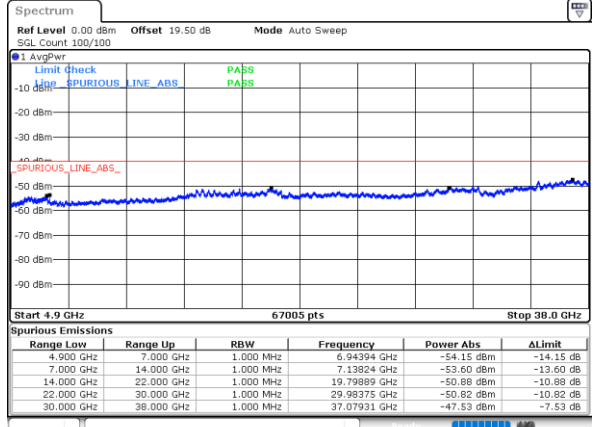
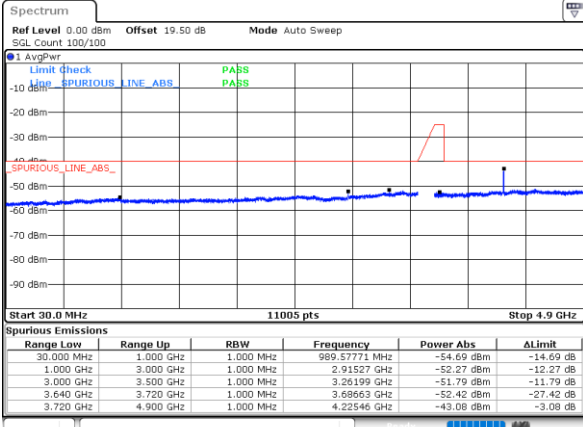
Date: 23.FEB.2024 00:25:10



LTE Band 48C / 20MHz+10MHz

QPSK

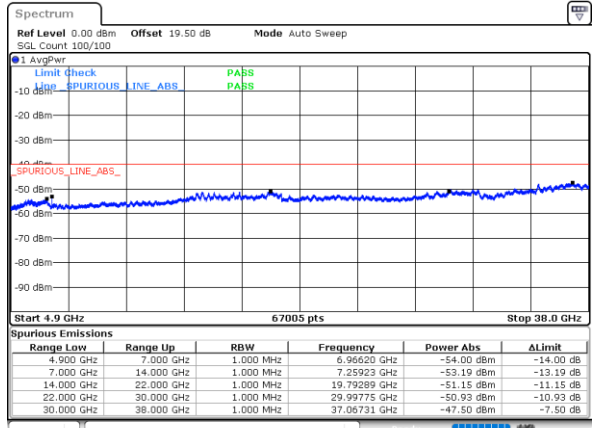
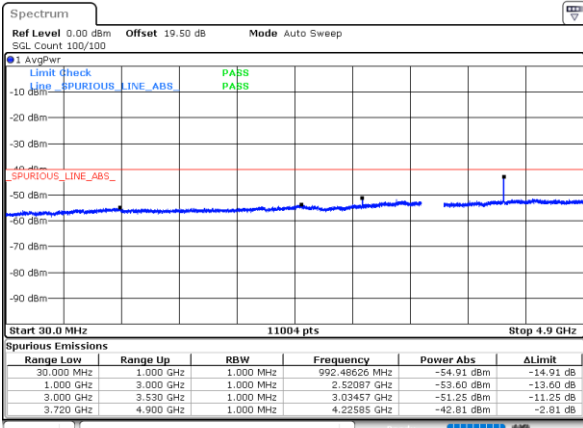
Lowest Channel / 1RB99 and 1RB0



Date: 6.FEB.2024 14:01:50

Date: 23.FEB.2024 00:13:149

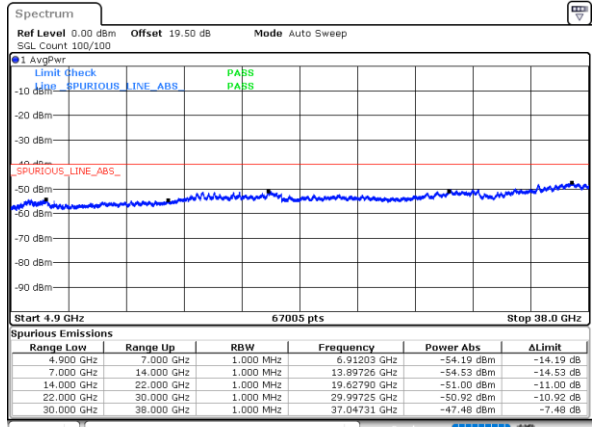
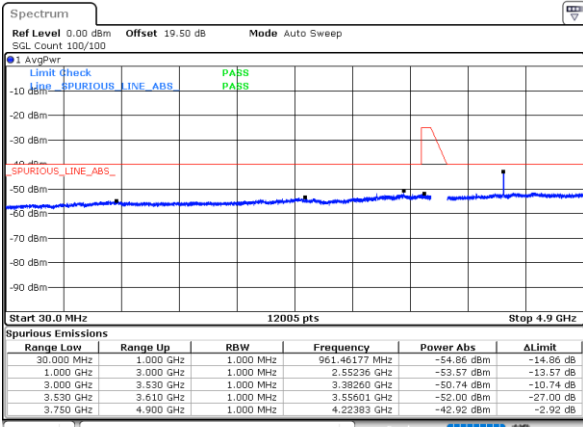
Middle Channel / 1RB99 and 1RB0



Date: 6.FEB.2024 14:52:159

Date: 23.FEB.2024 00:13:128

Highest Channel / 1RB99 and 1RB0



Date: 6.FEB.2024 14:26:141

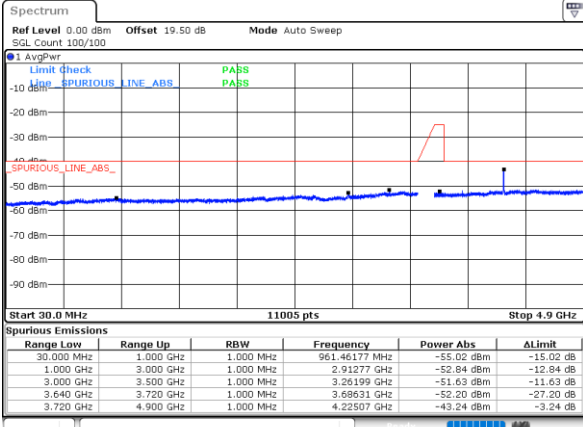
Date: 23.FEB.2024 00:13:106



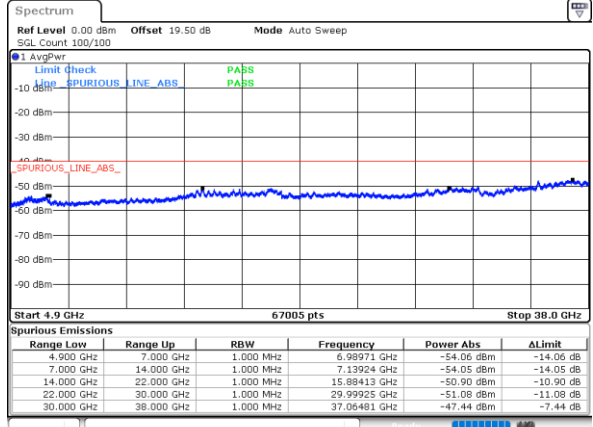
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

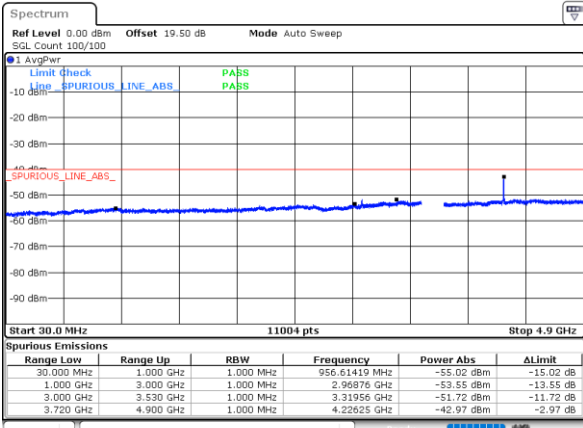


Date: 6.FEB.2024 15:31:21

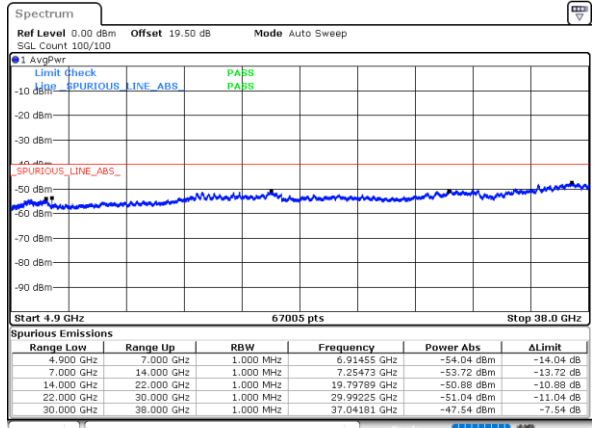


Date: 23.FEB.2024 00:41:47

Middle Channel / 1RB99 and 1RB0

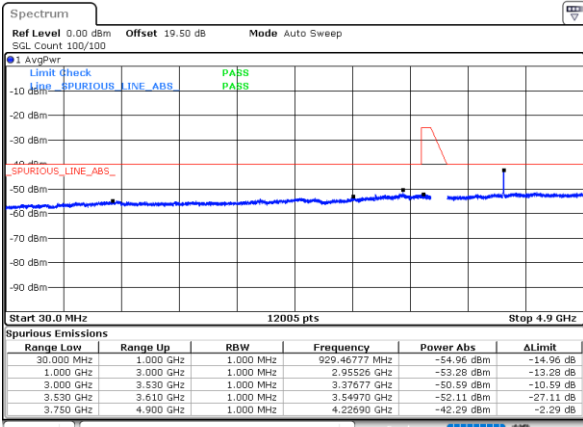


Date: 6.FEB.2024 15:22:17

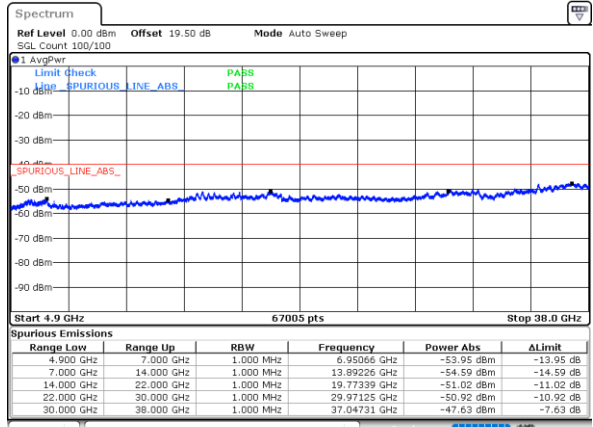


Date: 23.FEB.2024 00:43:26

Highest Channel / 1RB99 and 1RB0



Date: 6.FEB.2024 15:56:14



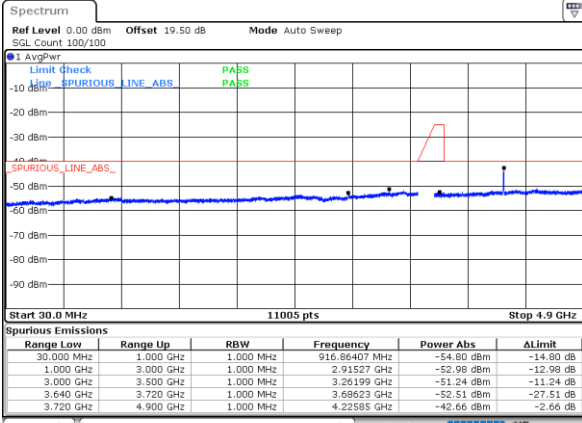
Date: 23.FEB.2024 00:45:04



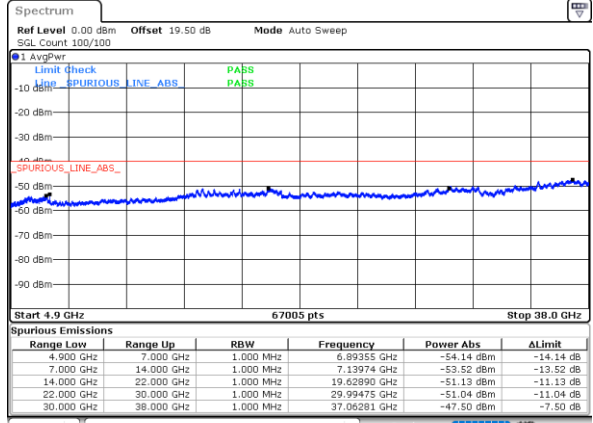
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

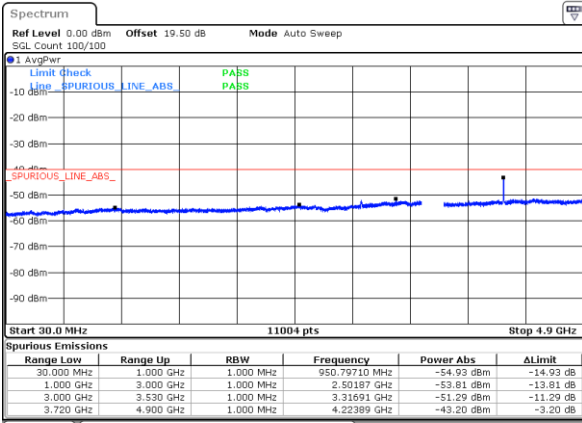


Date: 6.FEB.2024 16:15:40

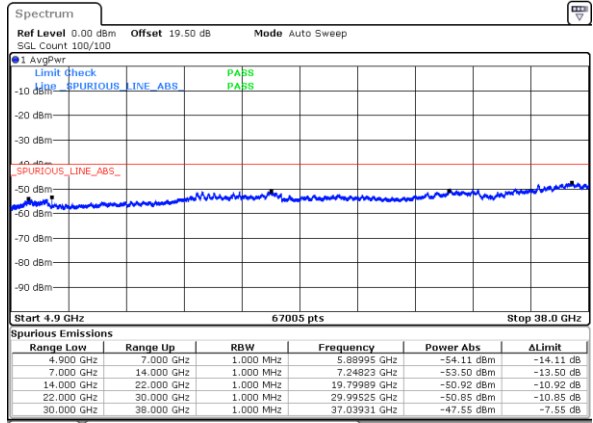


Date: 23.FEB.2024 00:46:40

Middle Channel / 1RB99 and 1RB0

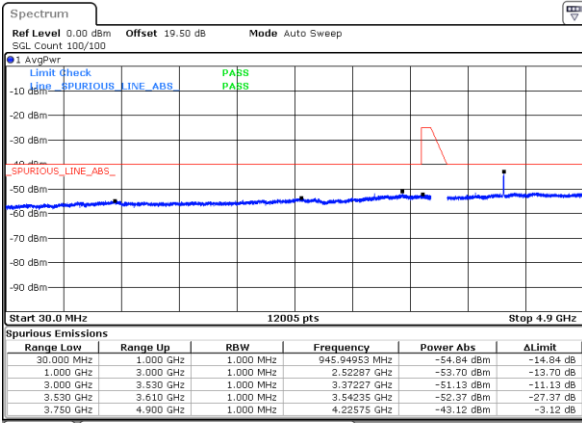


Date: 6.FEB.2024 16:19:05

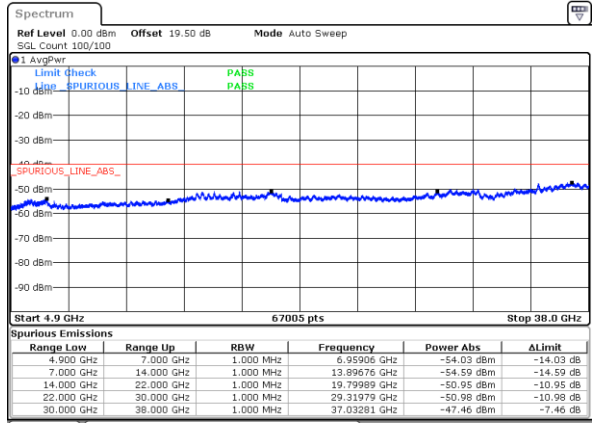


Date: 23.FEB.2024 00:48:16

Highest Channel / 1RB99 and 1RB0



Date: 6.FEB.2024 16:19:43



Date: 23.FEB.2024 00:49:51



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|---------------|---------------------|---------|
| Test Engineer : | Zhaohui Liang | Temperature : | 22~25°C |
| | | Relative Humidity : | 48~52% |

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

| LTE Band 48 / 20MHz / QPSK / Ant.4 | | | | | | | | | |
|------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7102.00 | -53.24 | -40 | -13.24 | -49.36 | -56.57 | 8.25 | 11.58 | H |
| | 10653.00 | -54.90 | -40 | -14.90 | -56.95 | -56.45 | 10.45 | 12.00 | H |
| | 14204.00 | -51.27 | -40 | -11.27 | -57.94 | -52.98 | 11.74 | 13.45 | H |
| | 7102.00 | -52.71 | -40 | -12.71 | -48.96 | -56.04 | 8.25 | 11.58 | V |
| | 10653.00 | -54.85 | -40 | -14.85 | -56.77 | -56.40 | 10.45 | 12.00 | V |
| | 14204.00 | -51.57 | -40 | -11.57 | -57.93 | -53.28 | 11.74 | 13.45 | V |
| Middle | 7232.00 | -52.05 | -40 | -12.05 | -48.76 | -55.35 | 8.30 | 11.60 | H |
| | 10848.00 | -53.66 | -40 | -13.66 | -56.76 | -55.18 | 10.48 | 12.00 | H |
| | 14464.00 | -50.39 | -40 | -10.39 | -57.75 | -52.09 | 11.80 | 13.50 | H |
| | 7232.00 | -50.82 | -40 | -10.82 | -47.57 | -54.12 | 8.30 | 11.60 | V |
| | 10848.00 | -54.59 | -40 | -14.59 | -57.45 | -56.11 | 10.48 | 12.00 | V |
| | 14464.00 | -50.80 | -40 | -10.80 | -57.95 | -52.50 | 11.80 | 13.50 | V |
| Highest | 7362.00 | -52.41 | -40 | -12.41 | -49.70 | -55.71 | 8.32 | 11.62 | H |
| | 11043.00 | -53.44 | -40 | -13.44 | -57.59 | -55.12 | 10.52 | 12.20 | H |
| | 14724.00 | -51.75 | -40 | -11.75 | -58.56 | -53.45 | 11.85 | 13.55 | H |
| | 7362.00 | -51.52 | -40 | -11.52 | -48.86 | -54.82 | 8.32 | 11.62 | V |
| | 11043.00 | -54.06 | -40 | -14.06 | -57.9 | -55.74 | 10.52 | 12.20 | V |
| | 14724.00 | -52.20 | -40 | -12.20 | -59.10 | -53.90 | 11.85 | 13.55 | V |

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



| LTE Band 48C / 20+20MHz / QPSK / Ant.4 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 7139.80 | -50.43 | -40 | -10.43 | -58.76 | -53.76 | 8.25 | 11.58 | H |
| | 10709.70 | -55.20 | -40 | -15.20 | -68.31 | -56.75 | 10.45 | 12.00 | H |
| | 14279.60 | -52.99 | -40 | -12.99 | -68.96 | -54.70 | 11.74 | 13.45 | H |
| | 7139.80 | -49.24 | -40 | -9.24 | -59.05 | -52.57 | 8.25 | 11.58 | V |
| | 10709.70 | -51.84 | -40 | -11.84 | -67.45 | -53.39 | 10.45 | 12.00 | V |
| | 14279.60 | -53.48 | -40 | -13.48 | -68.89 | -55.19 | 11.74 | 13.45 | V |
| Middle | 7250.00 | -45.79 | -40 | -5.79 | -54.50 | -49.09 | 8.30 | 11.60 | H |
| | 10875.00 | -54.10 | -40 | -14.10 | -67.96 | -55.62 | 10.48 | 12.00 | H |
| | 14500.00 | -52.66 | -40 | -12.66 | -68.93 | -54.36 | 11.80 | 13.50 | H |
| | 7250.00 | -48.39 | -40 | -8.39 | -58.64 | -51.69 | 8.30 | 11.60 | V |
| | 10875.00 | -47.78 | -40 | -7.78 | -63.29 | -49.30 | 10.48 | 12.00 | V |
| | 14500.00 | -53.15 | -40 | -13.15 | -69.03 | -54.85 | 11.80 | 13.50 | V |
| Highest | 7360.20 | -50.44 | -40 | -10.44 | -59.35 | -53.74 | 8.32 | 11.62 | H |
| | 11040.30 | -53.96 | -40 | -13.96 | -68.34 | -55.64 | 10.52 | 12.20 | H |
| | 14720.40 | -52.54 | -40 | -12.54 | -69.38 | -54.24 | 11.85 | 13.55 | H |
| | 7360.20 | -50.34 | -40 | -10.34 | -59.61 | -53.64 | 8.32 | 11.62 | V |
| | 11040.30 | -52.96 | -40 | -12.96 | -68.69 | -54.64 | 10.52 | 12.20 | V |
| | 14720.40 | -52.65 | -40 | -12.65 | -69.58 | -54.35 | 11.85 | 13.55 | V |

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