

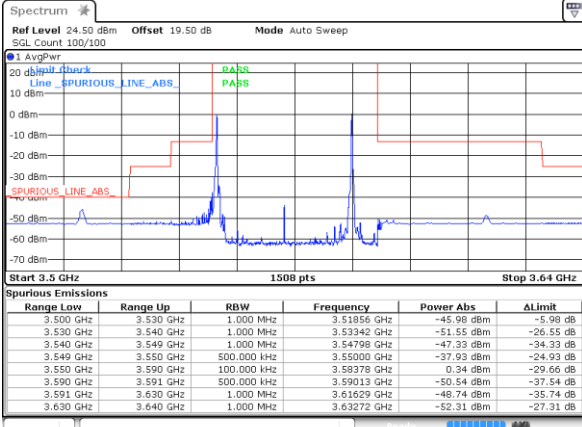


LTE Band 48C / 20MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

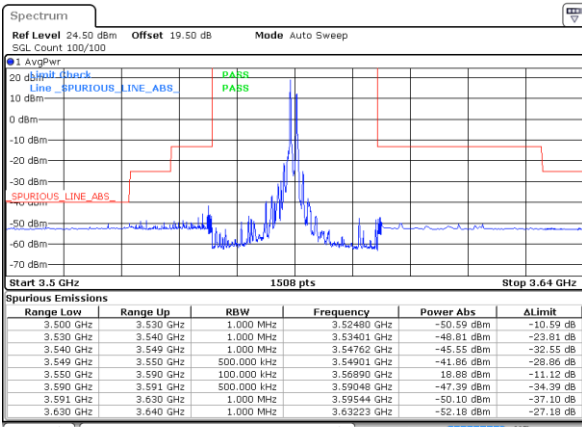
N/A



Date: 20 AUG 2024 15:39:30

Lowest Band Edge / 1RB99 and 1RB0

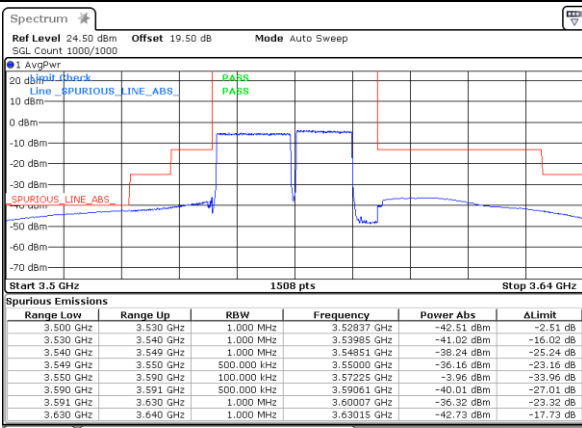
N/A



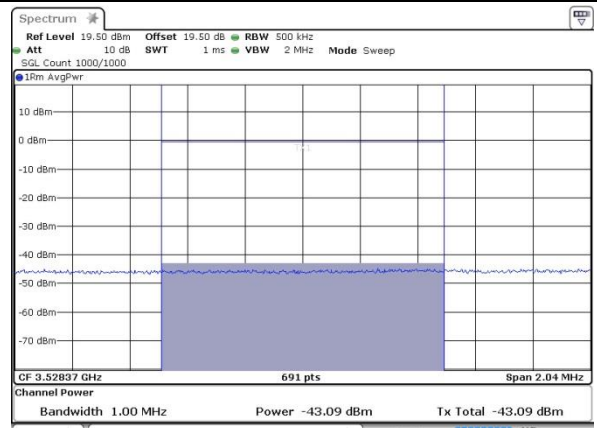
Date: 9 AUG 2024 03:20:40

Lowest Band Edge / Full RB

Lowest Band Edge / Full RB-CP



Date: 26 AUG 2024 19:34:12



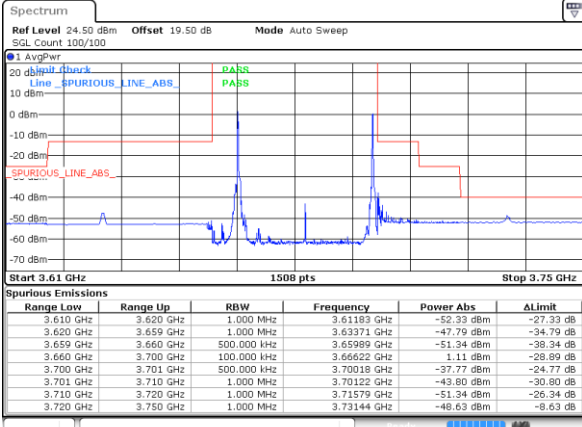
Date: 26 AUG 2024 19:43:35



LTE Band 48C / 20MHz+15MHz

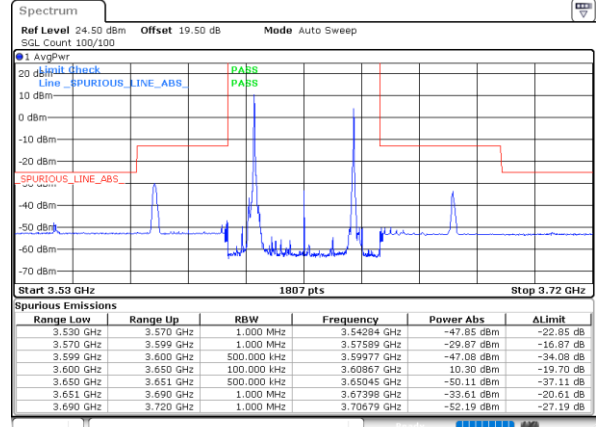
64QAM

Highest Band Edge / 1RB0 and 1RB74



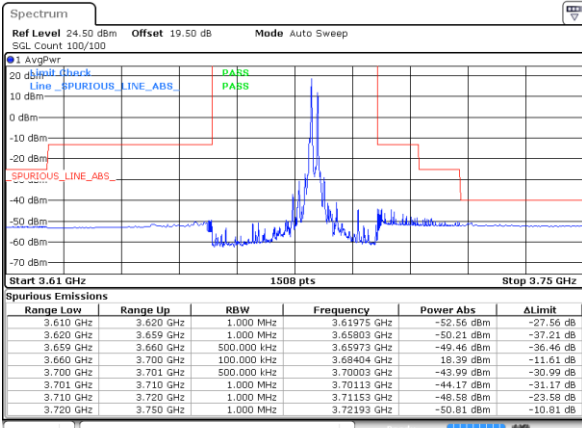
Date: 20 AUG 2024 16:15:55

Middle Band Edge / 1RB0 and 1RB74



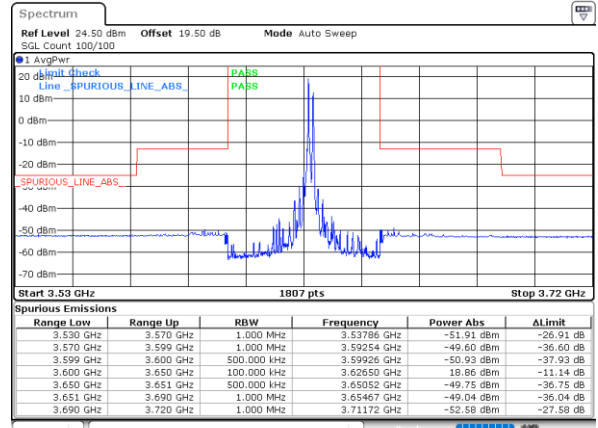
Date: 12 AUG 2024 23:36:59

Highest Band Edge / 1RB99 and 1RB0



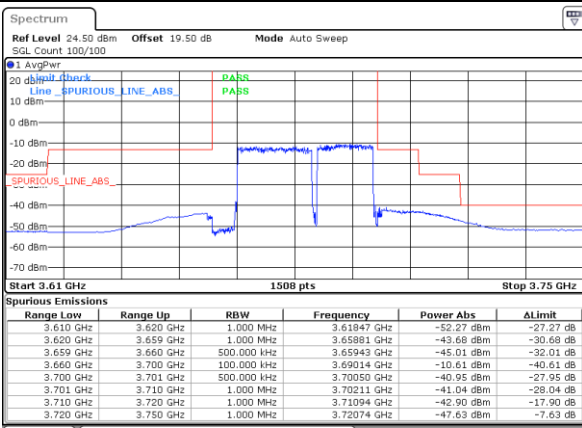
Date: 9 AUG 2024 03:38:04

Middle Band Edge / 1RB99 and 1RB0



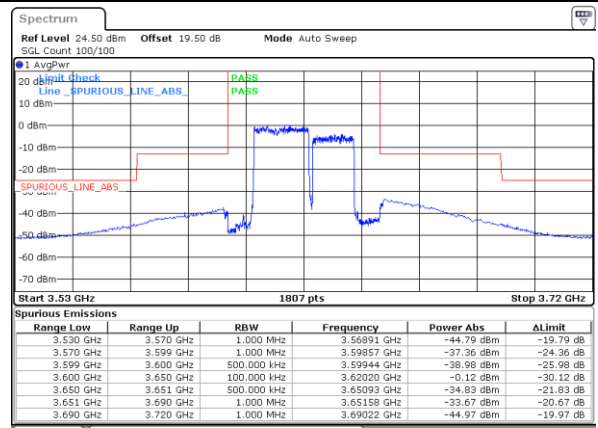
Date: 12 AUG 2024 23:37:52

Highest Band Edge / Full RB



Date: 20 AUG 2024 15:45:36

Middle Band Edge / Full RB



Date: 12 AUG 2024 23:42:21

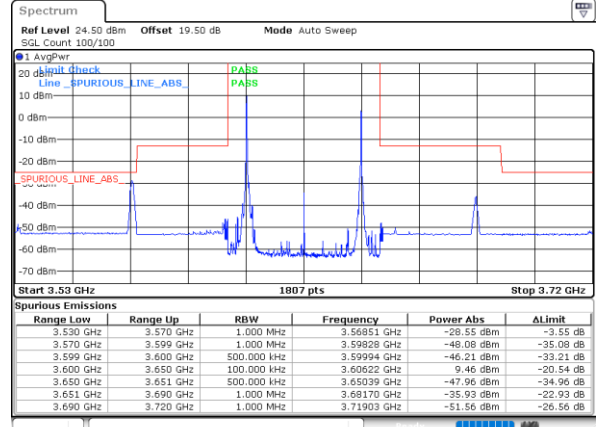
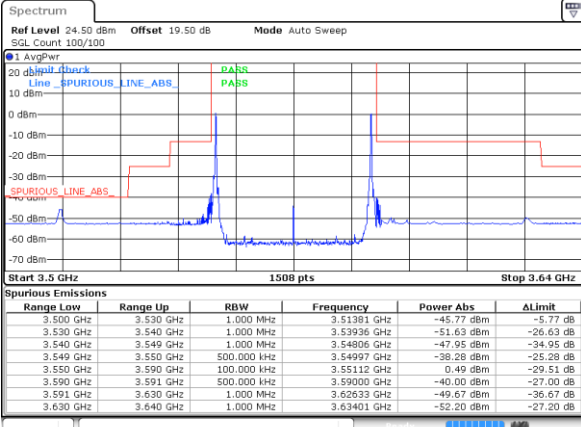


LTE Band 48C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

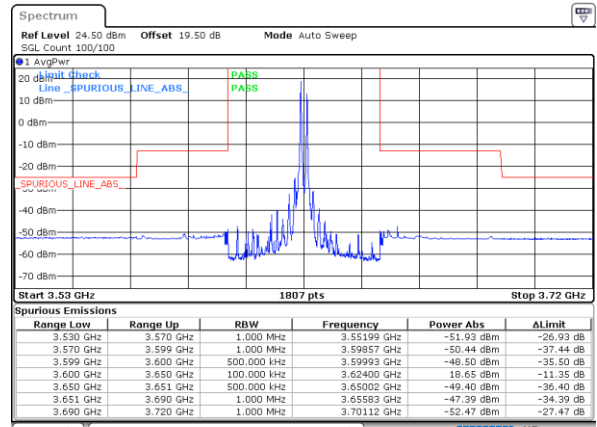
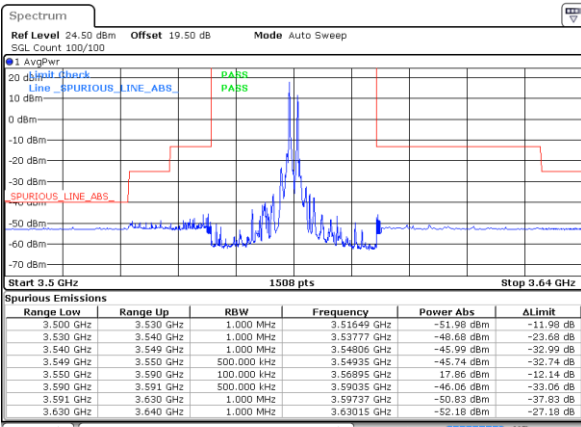


Date: 20 AUG 2024 15:50:04

Date: 13 AUG 2024 00:58:13

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

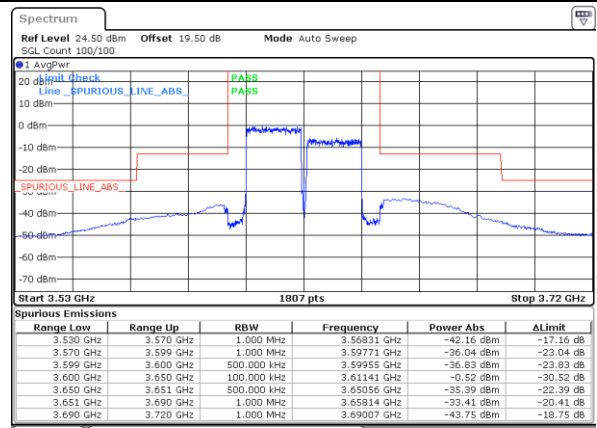
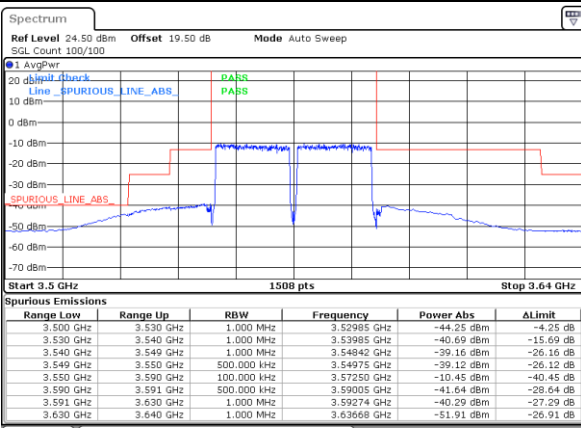


Date: 9 AUG 2024 04:02:53

Date: 13 AUG 2024 00:59:05

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 20 AUG 2024 15:49:15

Date: 13 AUG 2024 01:03:25

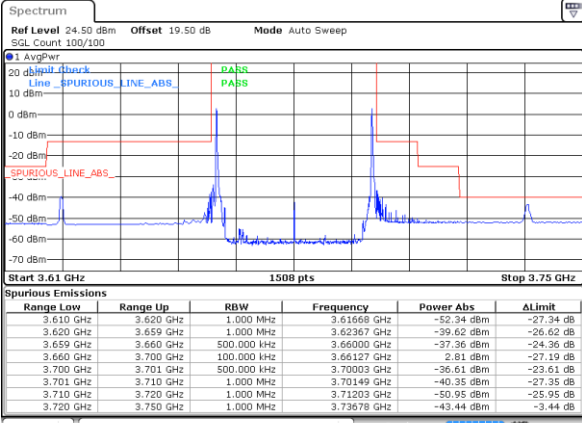


LTE Band 48C / 20MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

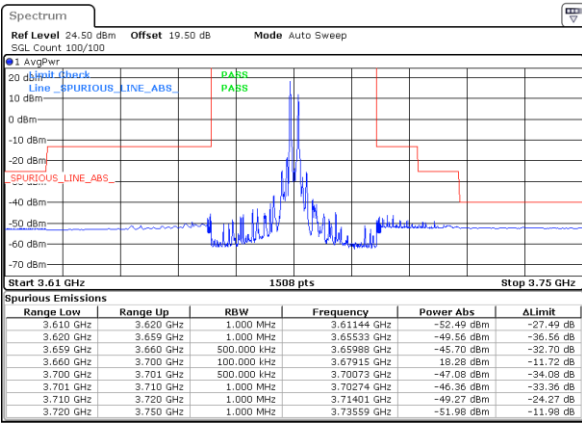
N/A



Date: 20 AUG 2024 15:50:56

Highest Band Edge / 1RB99 and 1RB0

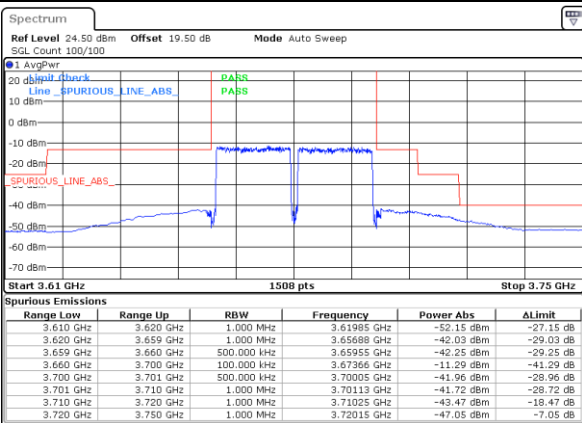
N/A



Date: 9 AUG 2024 04:19:29

Highest Band Edge / Full RB

N/A



Date: 20 AUG 2024 15:55:25

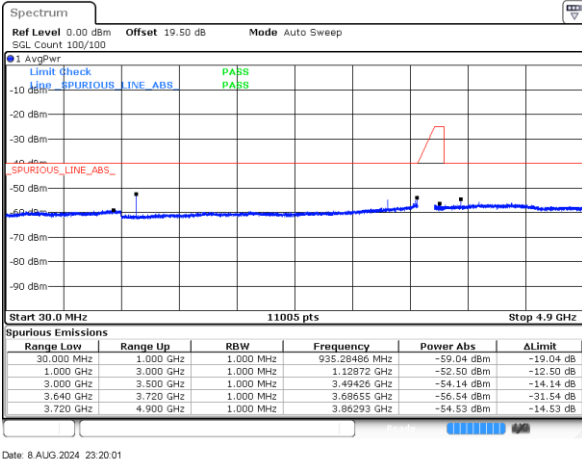


Conducted Spurious Emission

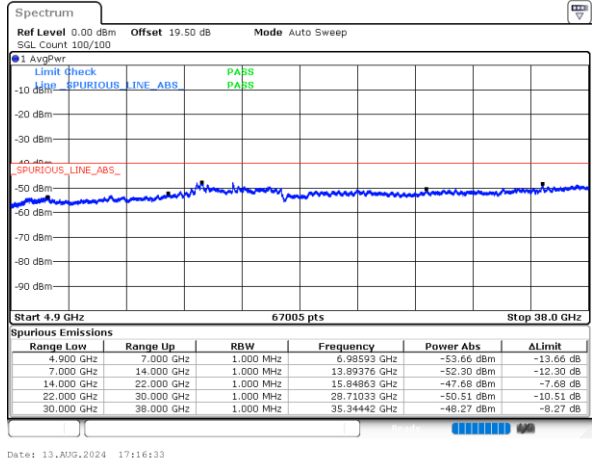
LTE Band 48C / 5MHz+20MHz

QPSK

Lowest Channel / 1RB24 and 1RB0

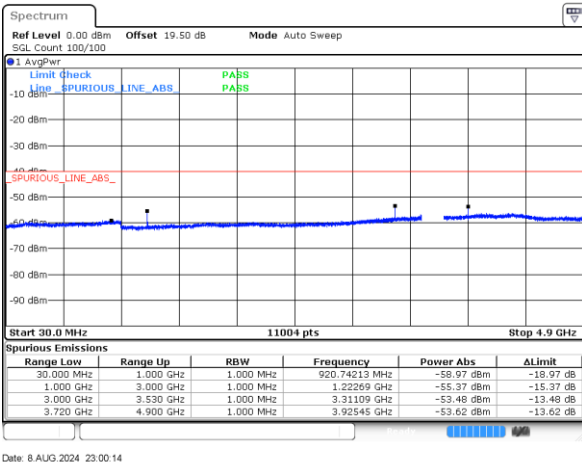


Date: 8 AUG 2024 23:20:01

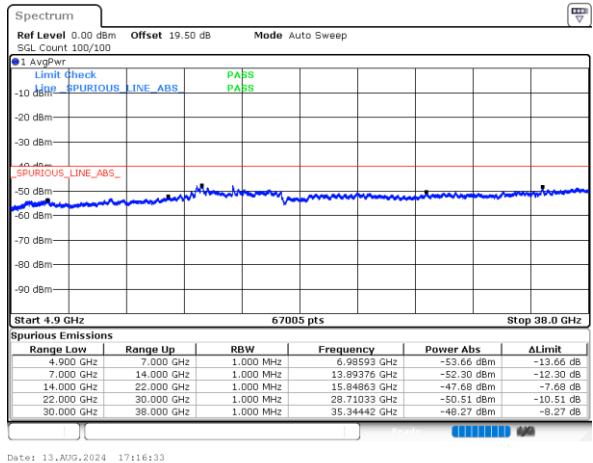


Date: 13.AUG.2024 17:11:33

Middle Channel / 1RB24 and 1RB0

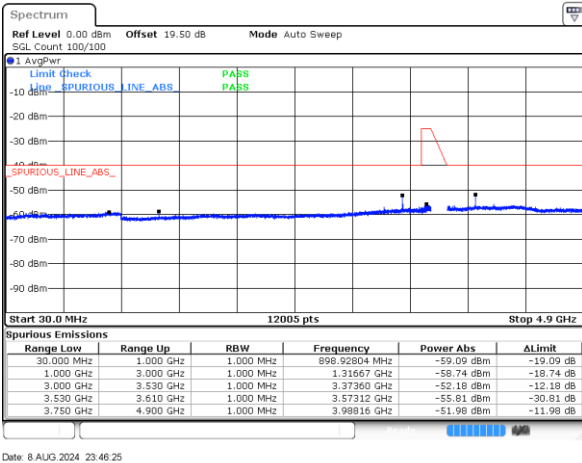


Date: 8 AUG 2024 23:00:14

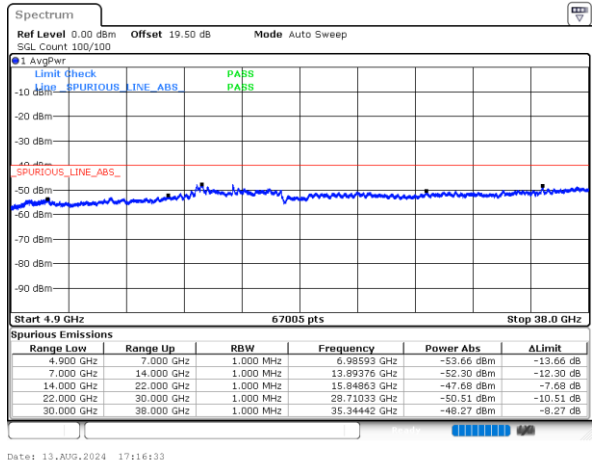


Date: 13.AUG.2024 17:11:33

Highest Channel / 1RB24 and 1RB0



Date: 8 AUG 2024 23:46:25



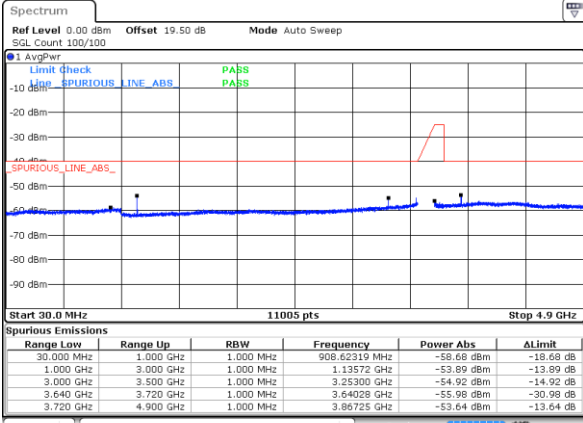
Date: 13.AUG.2024 17:11:33



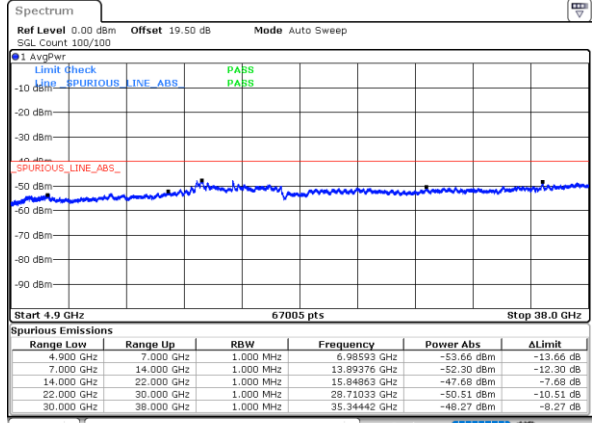
LTE Band 48C / 10MHz+20MHz

QPSK

Lowest Channel / 1RB49 and 1RB0

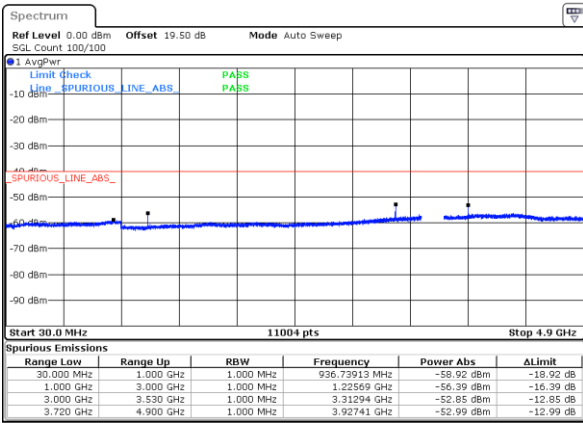


Date: 9 AUG 2024 01:05:15

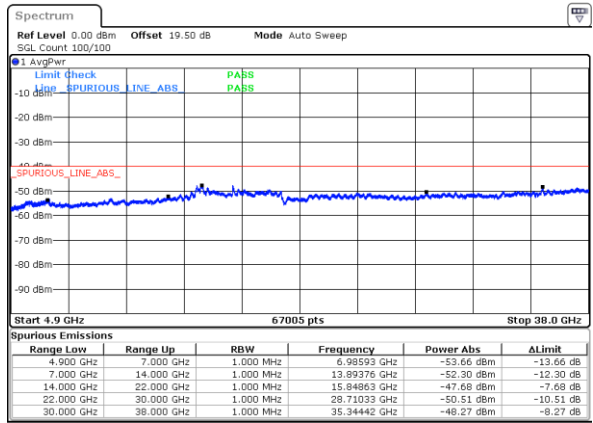


Date: 13.AUG.2024 17:11:33

Middle Channel / 1RB49 and 1RB0

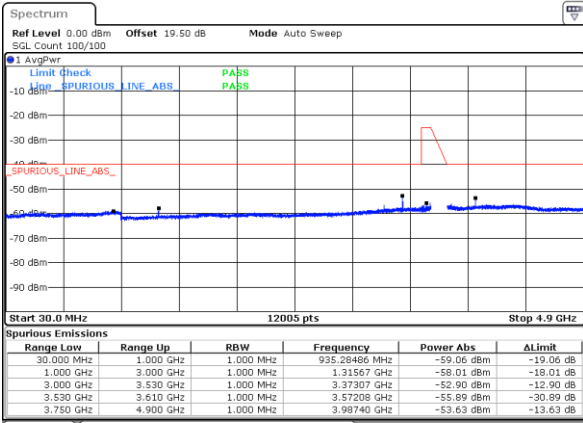


Date: 9 AUG 2024 00:54:07

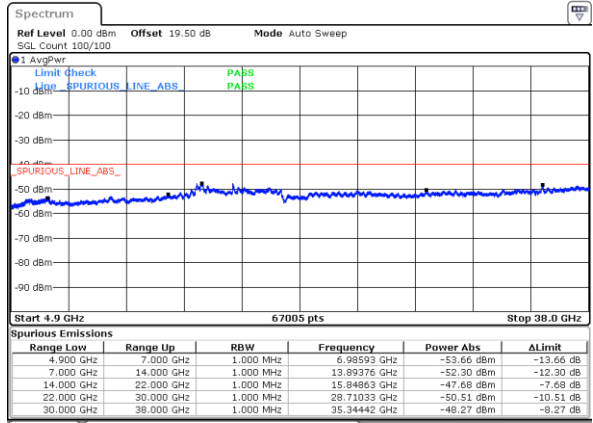


Date: 13.AUG.2024 17:11:33

Highest Channel / 1RB49 and 1RB0



Date: 9 AUG 2024 01:29:14



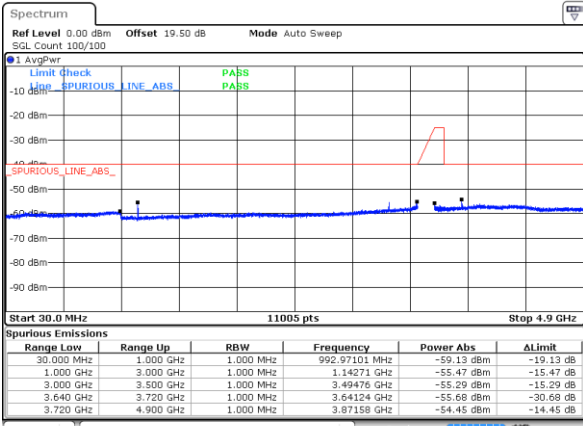
Date: 13.AUG.2024 17:11:33



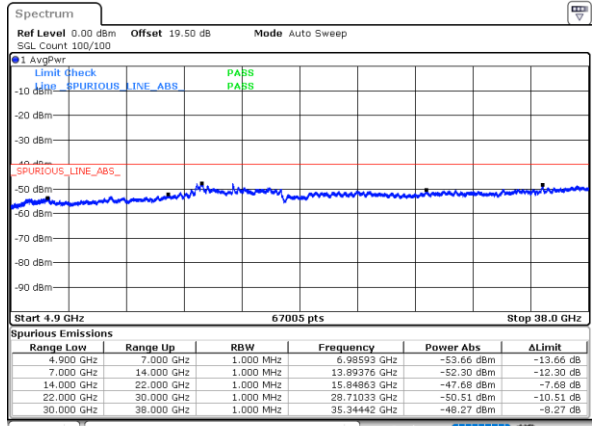
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

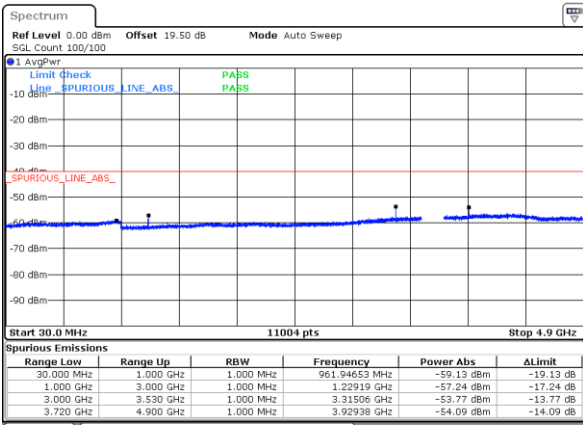


Date: 9 AUG 2024 02:36:17

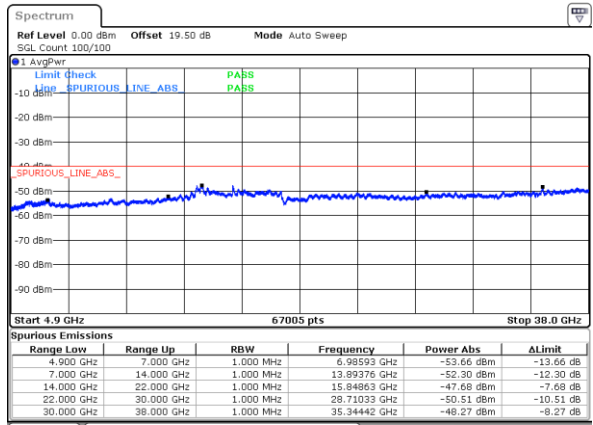


Date: 13.AUG.2024 17:11:33

Middle Channel / 1RB74 and 1RB0

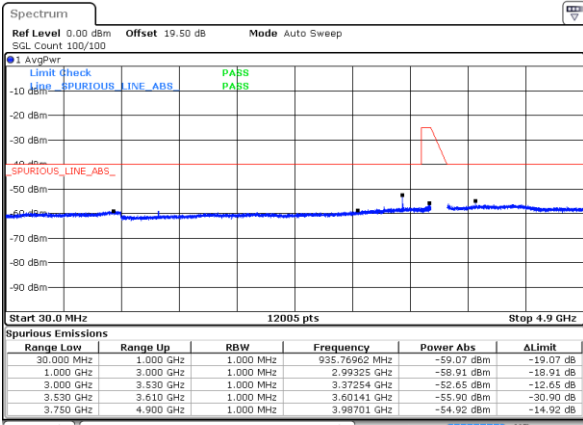


Date: 9 AUG 2024 02:25:08

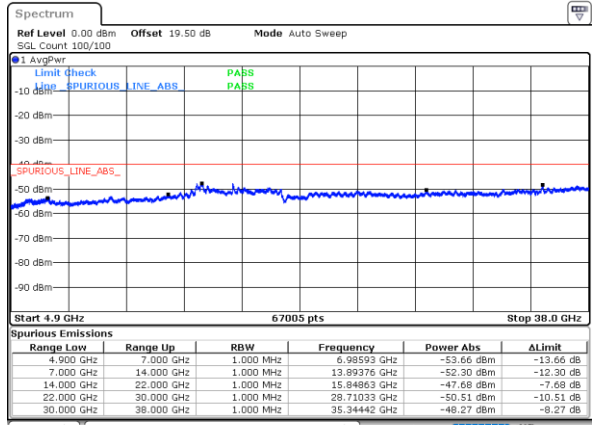


Date: 13.AUG.2024 17:11:33

Highest Channel / 1RB74 and 1RB0



Date: 9 AUG 2024 02:27:24



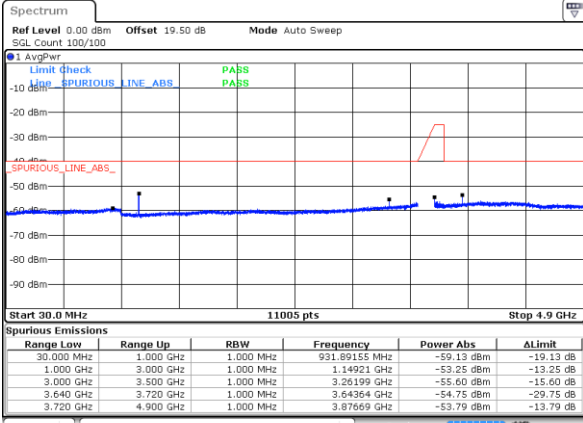
Date: 13.AUG.2024 17:11:33



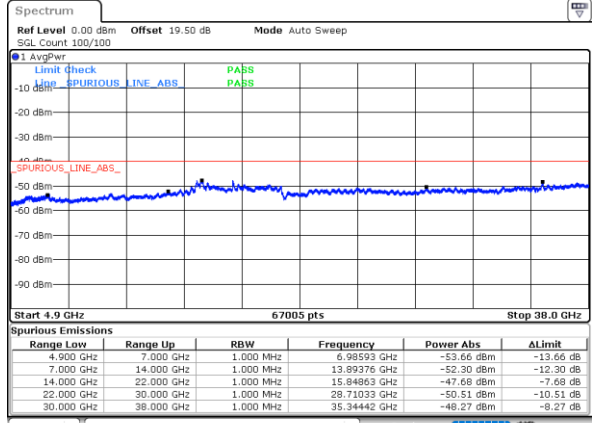
LTE Band 48C / 20MHz+5MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

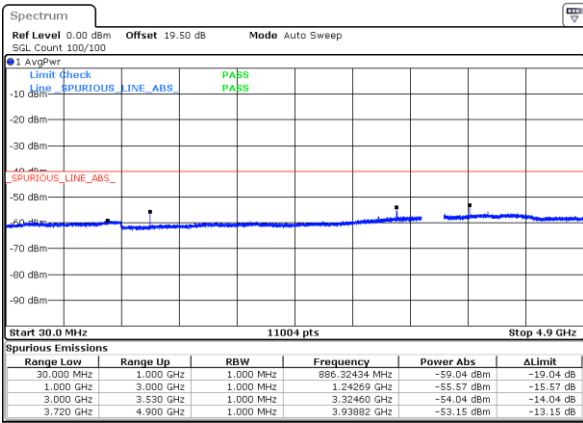


Date: 9 AUG 2024 00:10:42

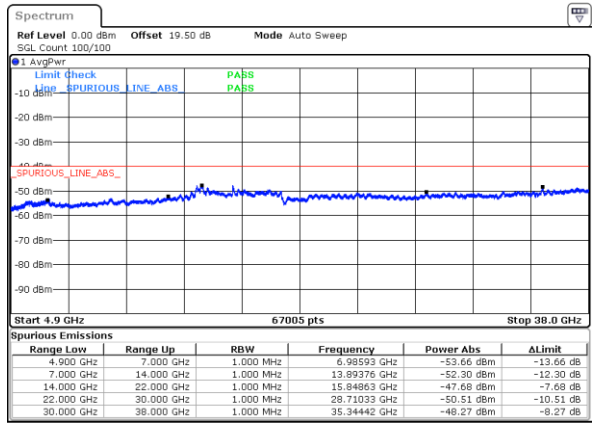


Date: 13.AUG.2024 17:11:33

Middle Channel / 1RB99 and 1RB0

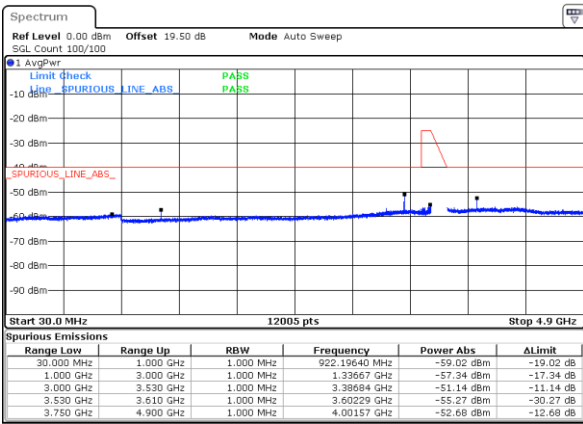


Date: 8 AUG 2024 23:59:35

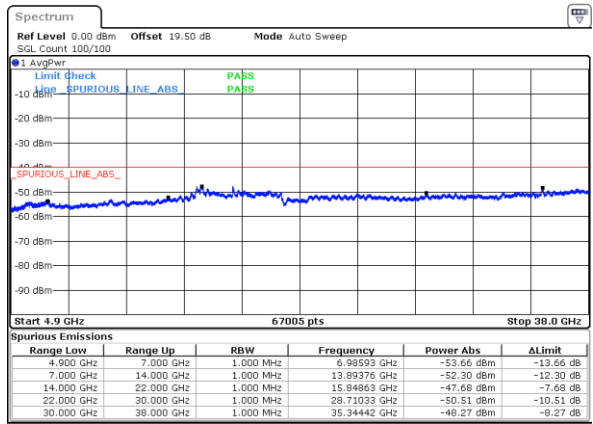


Date: 13.AUG.2024 17:11:33

Highest Channel / 1RB99 and 1RB0



Date: 9 AUG 2024 00:36:06



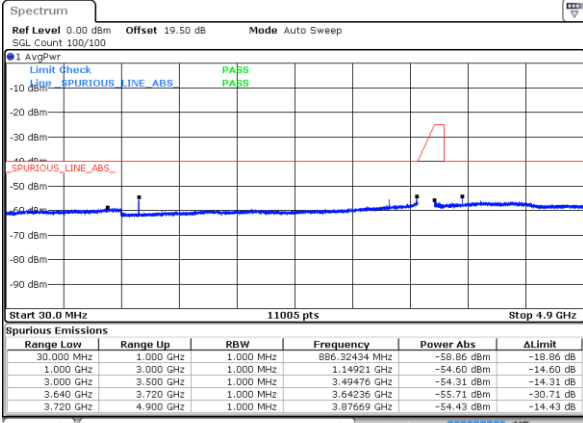
Date: 13.AUG.2024 17:11:33



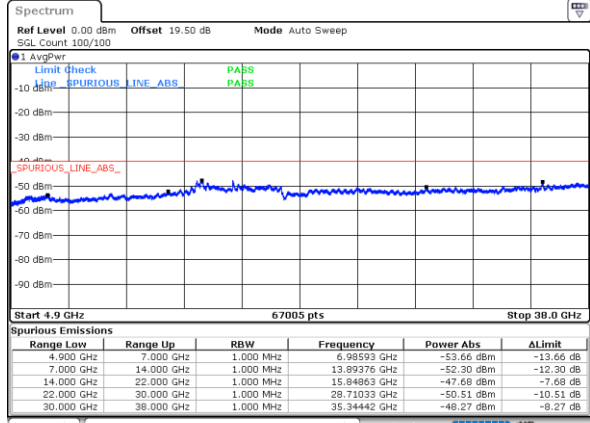
LTE Band 48C / 20MHz+10MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

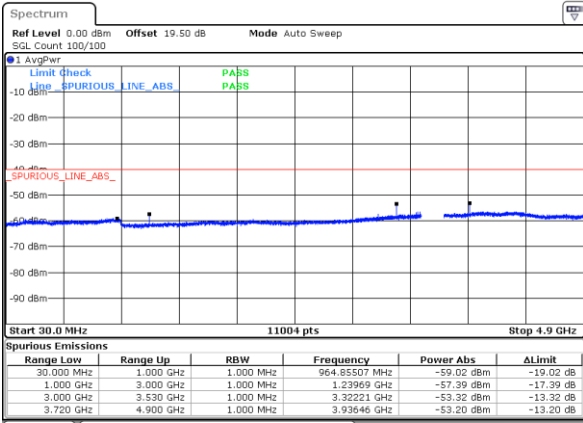


Date: 9 AUG 2024 01:50:50

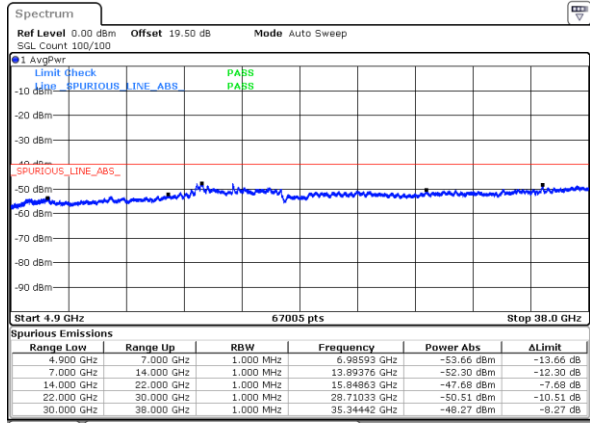


Date: 13.AUG.2024 17:11:33

Middle Channel / 1RB99 and 1RB0

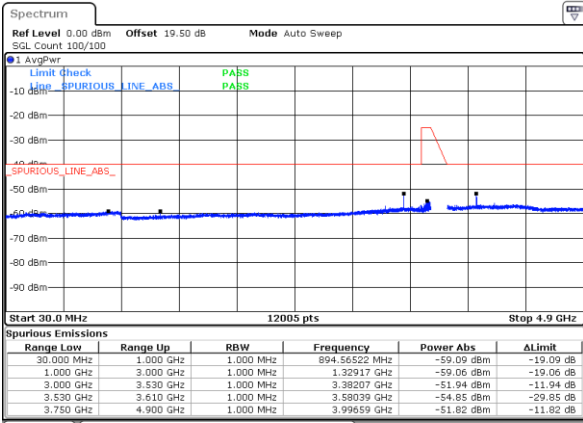


Date: 9 AUG 2024 01:42:24

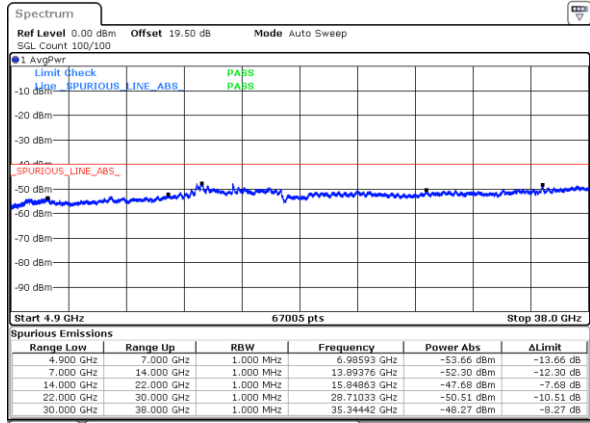


Date: 13.AUG.2024 17:11:33

Highest Channel / 1RB99 and 1RB0



Date: 9 AUG 2024 02:12:00



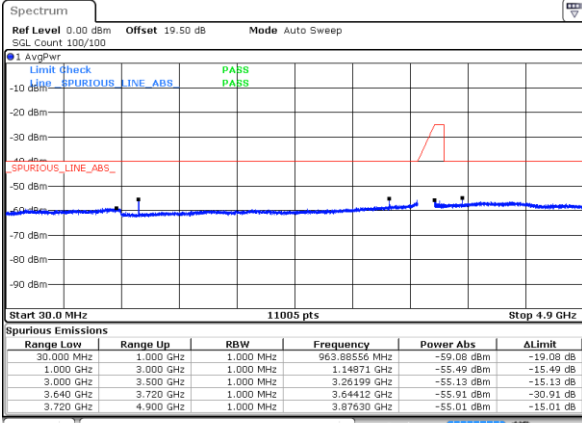
Date: 13.AUG.2024 17:11:33



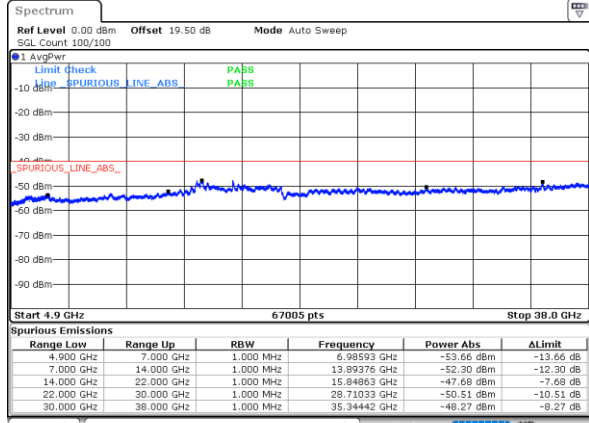
LTE Band 48C / 20MHz+15MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

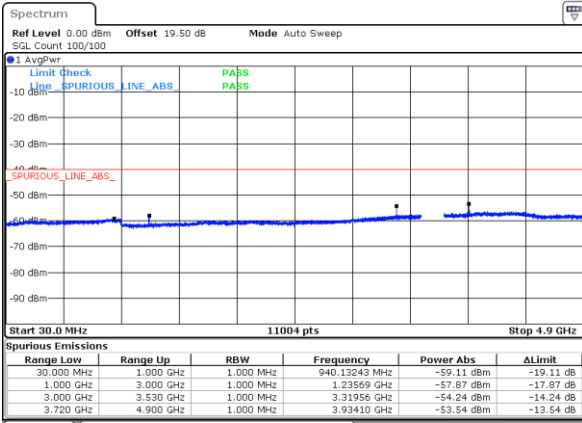


Date: 9 AUG 2024 03:19:02

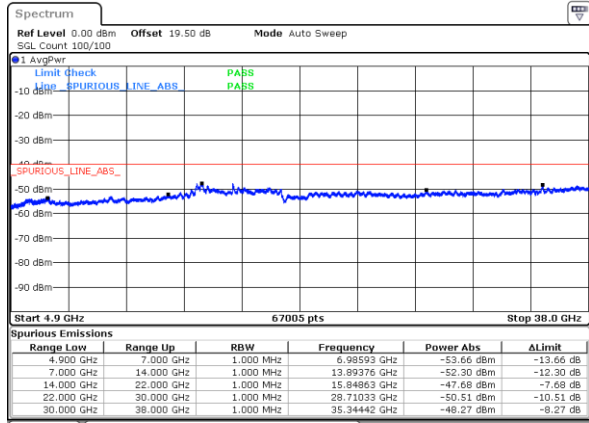


Date: 13.AUG.2024 17:11:33

Middle Channel / 1RB99 and 1RB0

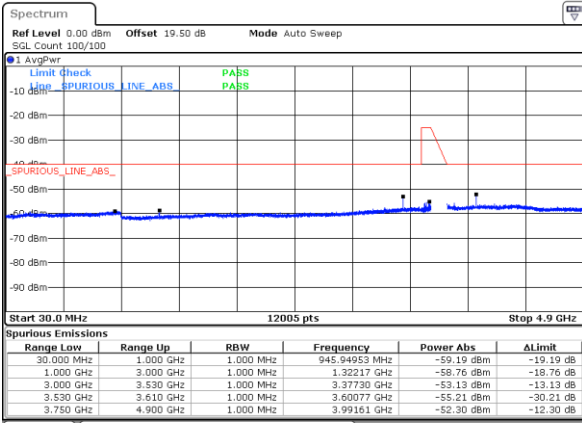


Date: 9 AUG 2024 03:10:33

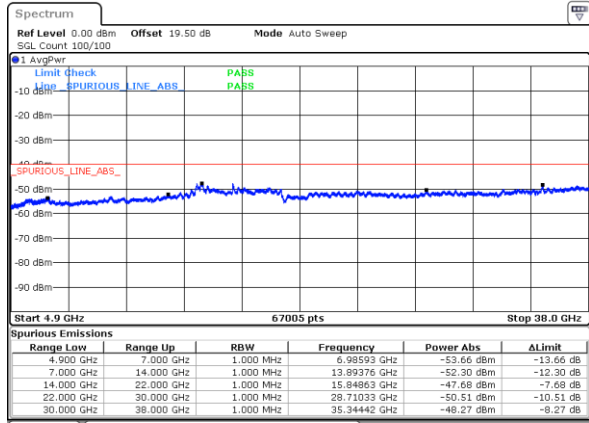


Date: 13.AUG.2024 17:11:33

Highest Channel / 1RB99 and 1RB0



Date: 9 AUG 2024 03:40:15



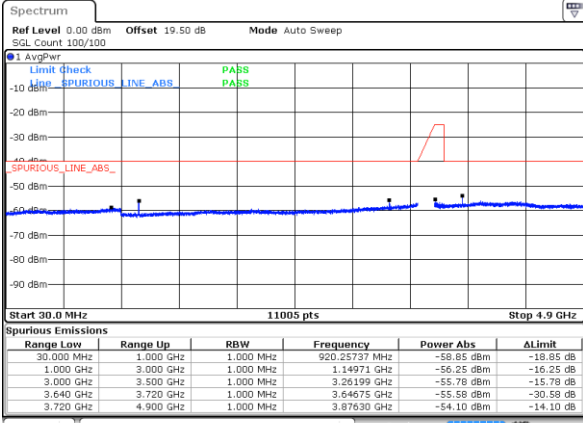
Date: 13.AUG.2024 17:11:33



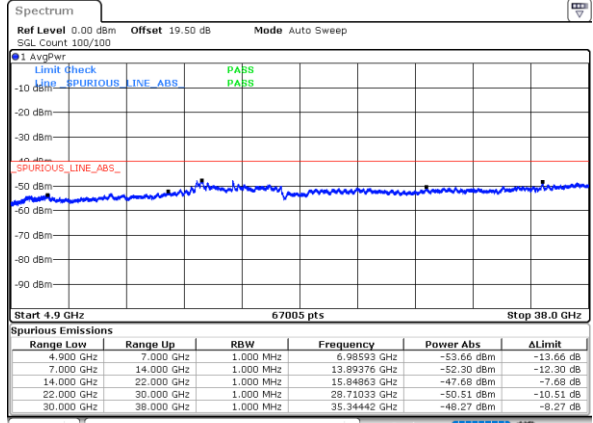
LTE Band 48C / 20MHz+20MHz

QPSK

Lowest Channel / 1RB99 and 1RB0

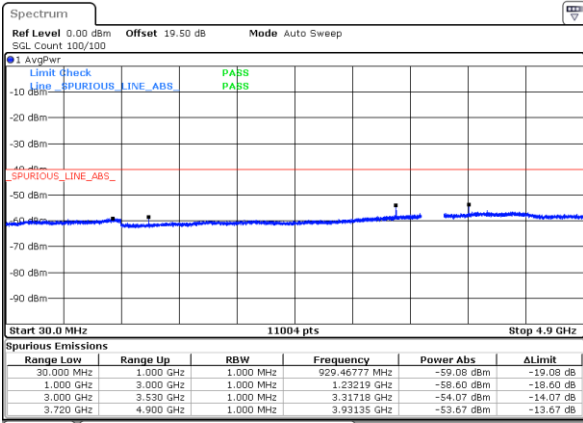


Date: 9 AUG 2024 04:01:20

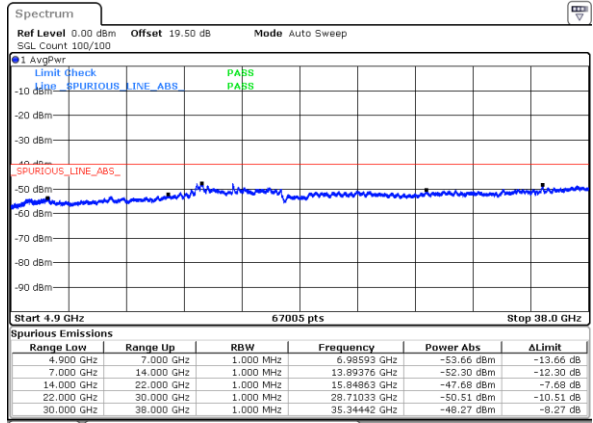


Date: 13.AUG.2024 17:11:33

Middle Channel / 1RB99 and 1RB0

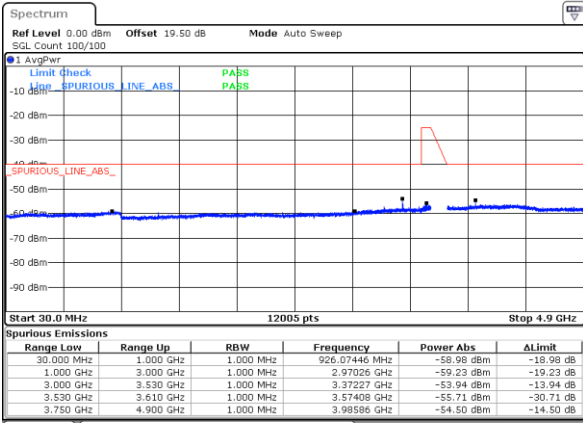


Date: 9 AUG 2024 03:53:13

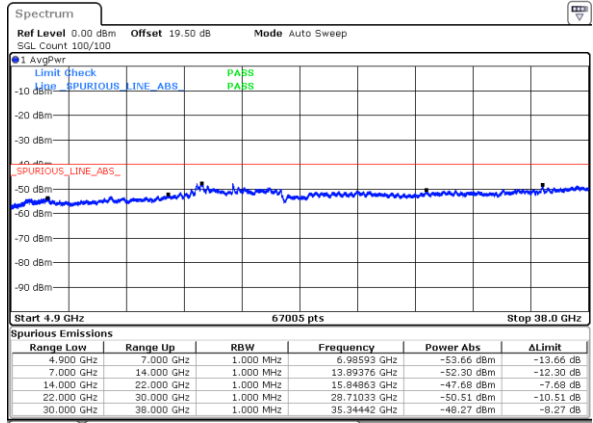


Date: 13.AUG.2024 17:11:33

Highest Channel / 1RB99 and 1RB0



Date: 9 AUG 2024 04:21:35



Date: 13.AUG.2024 17:11:33



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|-----------|---------------------|---------|
| Test Engineer : | Jia Kuang | 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.10 | | | | | | | | | |
|-------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 7302.00 | -58.81 | -40 | -18.81 | -51.81 | -62.14 | 8.25 | 11.58 | H |
| | 10953.00 | -54.56 | -40 | -14.56 | -53.83 | -56.11 | 10.45 | 12.00 | H |
| | 14604.00 | -53.23 | -40 | -13.23 | -54.80 | -54.94 | 11.74 | 13.45 | H |
| | 7302.00 | -58.14 | -40 | -18.14 | -51.71 | -61.47 | 8.25 | 11.58 | V |
| | 10953.00 | -54.94 | -40 | -14.94 | -53.82 | -56.49 | 10.45 | 12.00 | V |
| | 14604.00 | -50.85 | -40 | -10.85 | -54.29 | -52.56 | 11.74 | 13.45 | V |
| Middle | 7332.00 | -58.78 | -40 | -18.78 | -51.93 | -62.08 | 8.30 | 11.60 | H |
| | 10998.00 | -54.08 | -40 | -14.08 | -53.46 | -55.60 | 10.48 | 12.00 | H |
| | 14664.00 | -53.16 | -40 | -13.16 | -54.98 | -54.86 | 11.80 | 13.50 | H |
| | 7332.00 | -58.25 | -40 | -18.25 | -51.89 | -61.55 | 8.30 | 11.60 | V |
| | 10998.00 | -54.41 | -40 | -14.41 | -53.43 | -55.93 | 10.48 | 12.00 | V |
| | 14664.00 | -51.30 | -40 | -11.30 | -55.08 | -53.00 | 11.80 | 13.50 | V |
| Highest | 7362.00 | -58.82 | -40 | -18.82 | -52.12 | -62.12 | 8.32 | 11.62 | H |
| | 11043.00 | -54.70 | -40 | -14.70 | -54.27 | -56.38 | 10.52 | 12.20 | H |
| | 14724.00 | -52.70 | -40 | -12.70 | -54.75 | -54.40 | 11.85 | 13.55 | H |
| | 7362.00 | -58.51 | -40 | -18.51 | -52.22 | -61.81 | 8.32 | 11.62 | V |
| | 11043.00 | -54.93 | -40 | -14.93 | -54.19 | -56.61 | 10.52 | 12.20 | V |
| | 14724.00 | -50.16 | -40 | -10.16 | -54.26 | -51.86 | 11.85 | 13.55 | V |

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



| LTE Band 48C / 20MHz+20MHz / QPSK / Ant.10 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | -59.11 | -40 | -19.11 | -51.37 | -62.44 | 8.25 | 11.58 | H |
| | 10709.70 | -55.84 | -40 | -15.84 | -54.56 | -57.39 | 10.45 | 12.00 | H |
| | 14279.60 | -53.16 | -40 | -13.16 | -54.01 | -54.87 | 11.74 | 13.45 | H |
| | 7139.80 | -58.60 | -40 | -18.60 | -51.51 | -61.93 | 8.25 | 11.58 | V |
| | 10709.70 | -56.24 | -40 | -16.24 | -54.38 | -57.79 | 10.45 | 12.00 | V |
| | 14279.60 | -51.58 | -40 | -11.58 | -53.75 | -53.29 | 11.74 | 13.45 | V |
| Middle | 7250.00 | -58.64 | -40 | -18.64 | -51.37 | -61.94 | 8.30 | 11.60 | H |
| | 10875.00 | -54.20 | -40 | -14.20 | -53.29 | -55.72 | 10.48 | 12.00 | H |
| | 14500.00 | -53.13 | -40 | -13.13 | -54.29 | -54.83 | 11.80 | 13.50 | H |
| | 7250.00 | -58.17 | -40 | -18.17 | -51.62 | -61.47 | 8.30 | 11.60 | V |
| | 10875.00 | -55.11 | -40 | -15.11 | -53.75 | -56.63 | 10.48 | 12.00 | V |
| | 14500.00 | -51.82 | -40 | -11.82 | -54.69 | -53.52 | 11.80 | 13.50 | V |
| Highest | 7360.20 | -58.09 | -40 | -18.09 | -51.38 | -61.39 | 8.32 | 11.62 | H |
| | 11040.30 | -53.77 | -40 | -13.77 | -53.33 | -55.45 | 10.52 | 12.20 | H |
| | 14720.40 | -52.21 | -40 | -12.21 | -54.25 | -53.91 | 11.85 | 13.55 | H |
| | 7360.20 | -57.55 | -40 | -17.55 | -51.26 | -60.85 | 8.32 | 11.62 | V |
| | 11040.30 | -53.97 | -40 | -13.97 | -53.21 | -55.65 | 10.52 | 12.20 | V |
| | 14720.40 | -50.28 | -40 | -10.28 | -54.36 | -51.98 | 11.85 | 13.55 | V |

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