

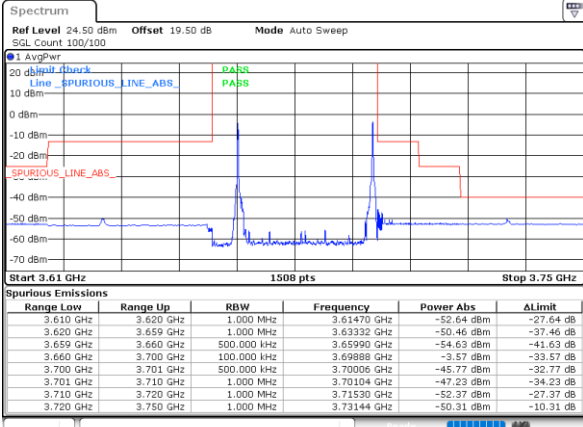


LTE Band 48C / 20MHz+15MHz

64QAM

Highest Band Edge / 1RB0 and 1RB74

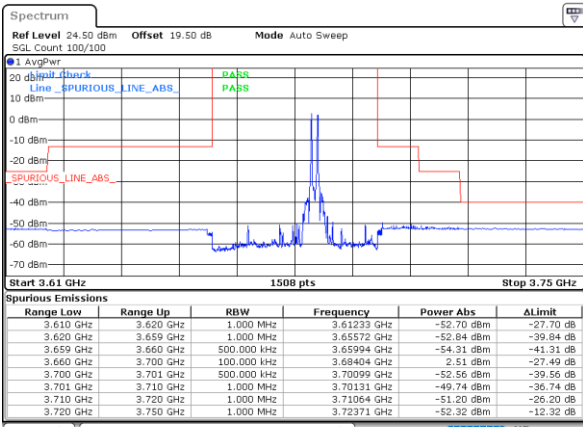
N/A



Date: 18_JUL_2024 11:03:13

Highest Band Edge / 1RB99 and 1RB0

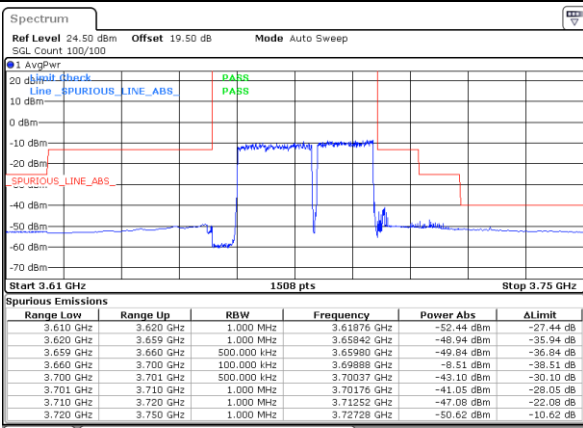
N/A



Date: 18_JUL_2024 11:04:03

Highest Band Edge / Full RB

N/A



Date: 18_JUL_2024 10:39:21

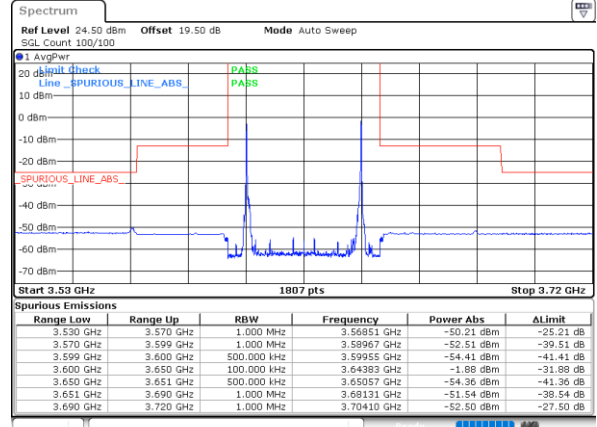
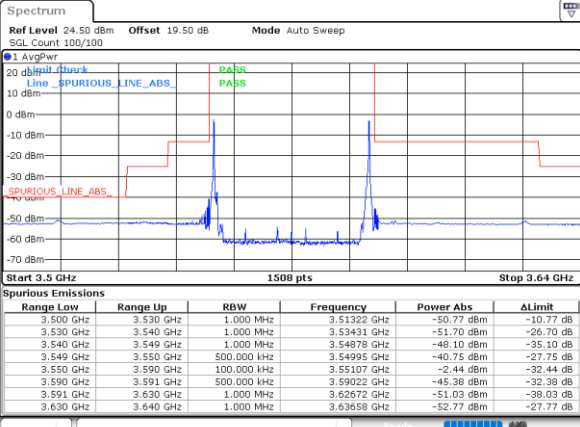


LTE Band 48C / 20MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB99

Middle Band Edge / 1RB0 and 1RB99

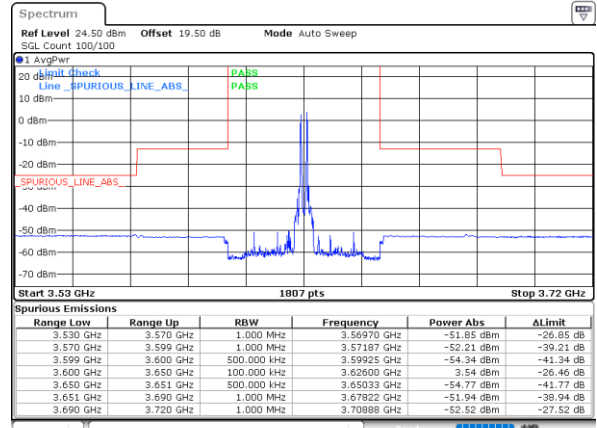
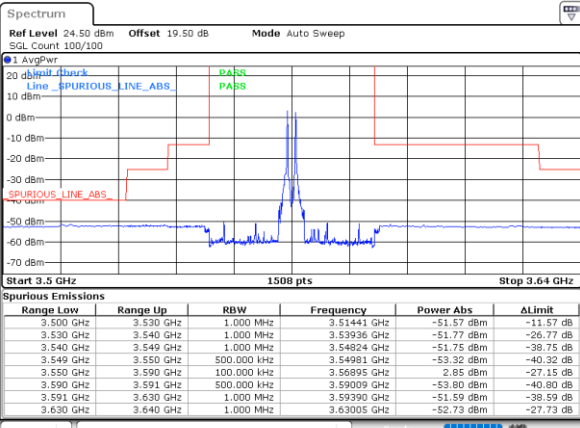


Date: 18_JUL_2024 11:46:26

Date: 18_JUL_2024 11:36:36

Lowest Band Edge / 1RB99 and 1RB0

Middle Band Edge / 1RB99 and 1RB0

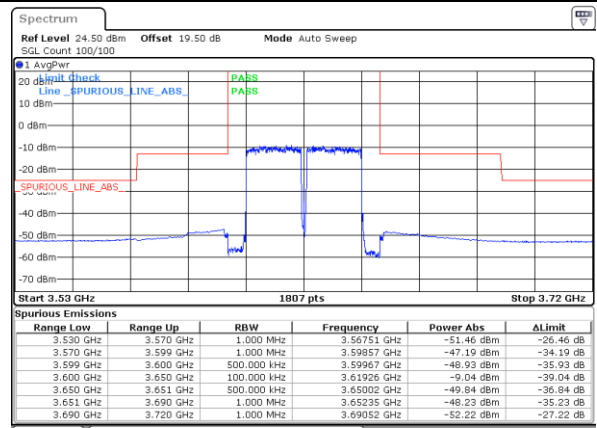
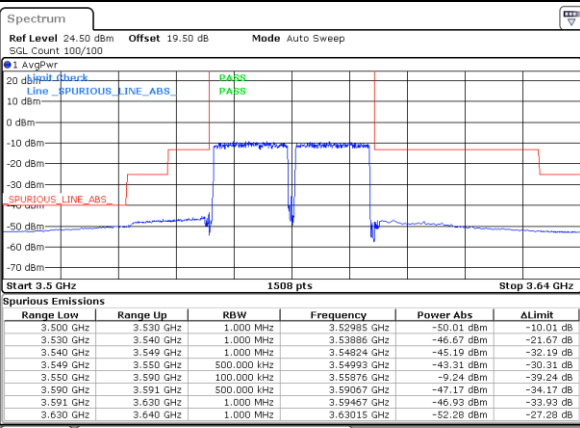


Date: 18_JUL_2024 11:45:06

Date: 18_JUL_2024 11:40:32

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18_JUL_2024 13:14:39

Date: 18_JUL_2024 13:12:17

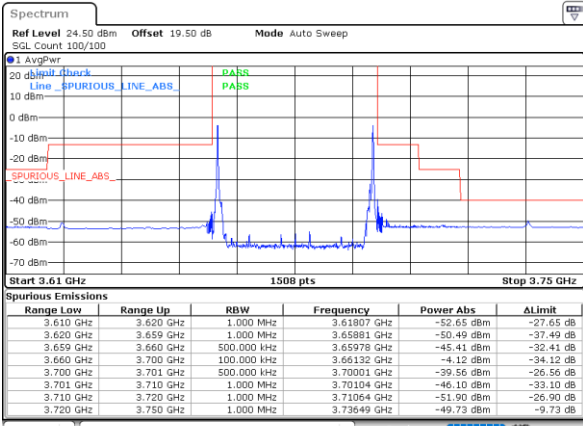


LTE Band 48C / 20MHz+20MHz

64QAM

Highest Band Edge / 1RB0 and 1RB99

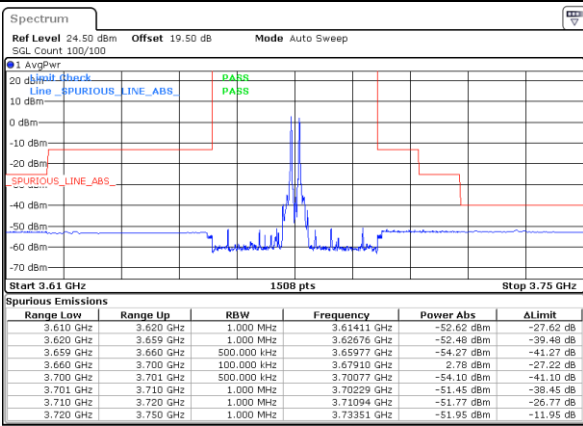
N/A



Date: 18_JUL_2024 11:52:54

Highest Band Edge / 1RB99 and 1RB0

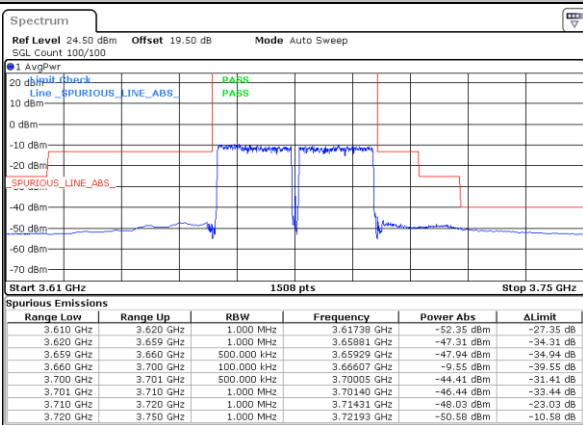
N/A



Date: 18_JUL_2024 11:53:41

Highest Band Edge / Full RB

N/A



Date: 18_JUL_2024 13:17:50

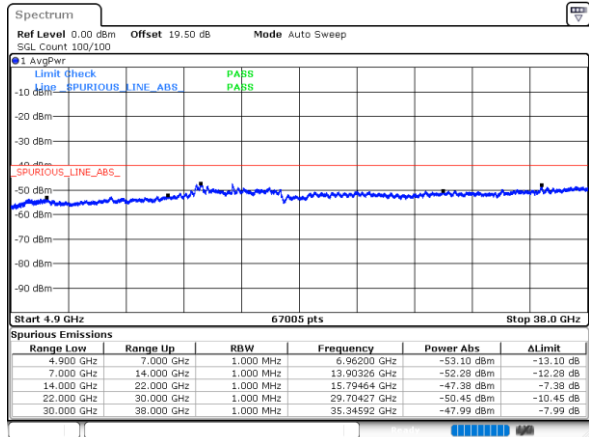
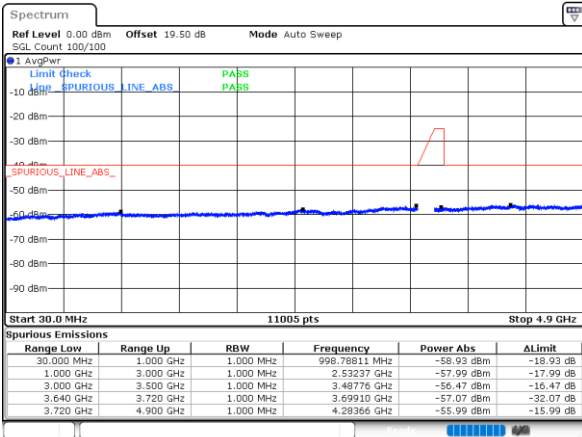


A3.5 Conducted Spurious Emission

LTE Band 48C / 5MHz+20MHz

QPSK

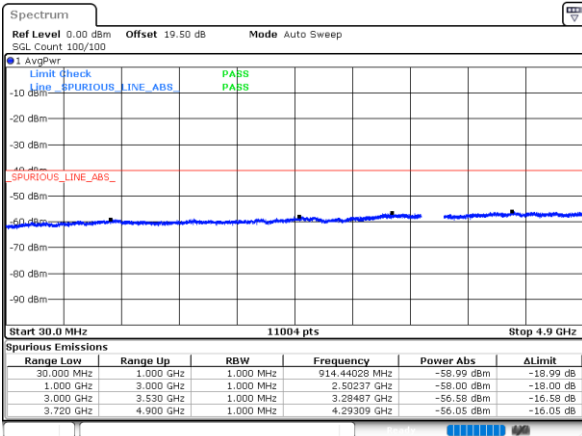
Lowest Channel / 1RB24 and 1RB0



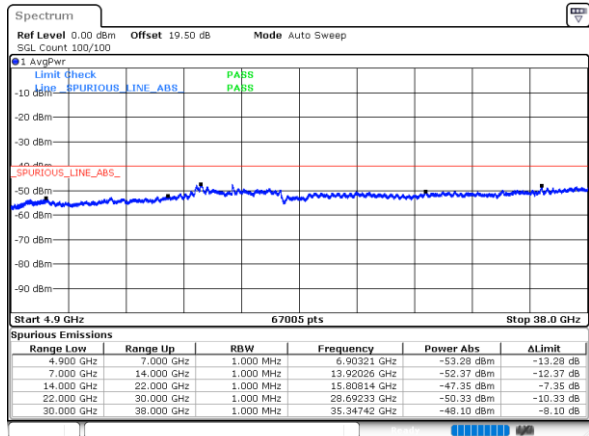
Date: 17_JUL_2024 16:26:55

Date: 17_JUL_2024 16:56:38

Middle Channel / 1RB24 and 1RB0

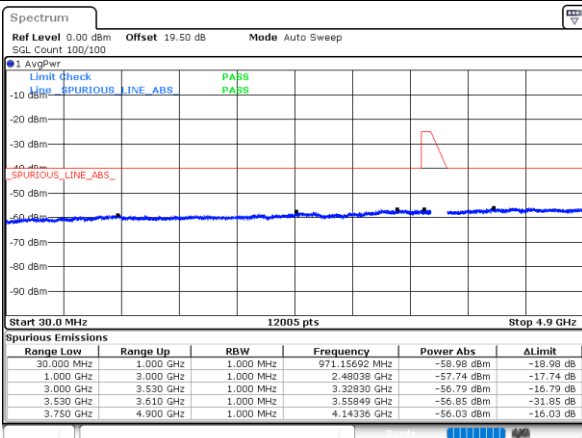


Date: 17_JUL_2024 16:15:09

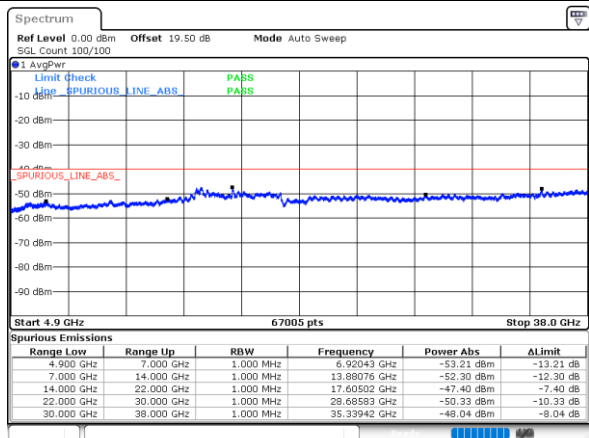


Date: 17_JUL_2024 16:53:25

Highest Channel / 1RB24 and 1RB0



Date: 17_JUL_2024 16:42:16



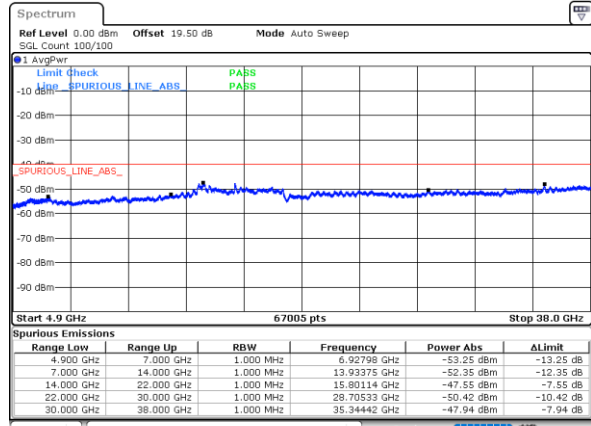
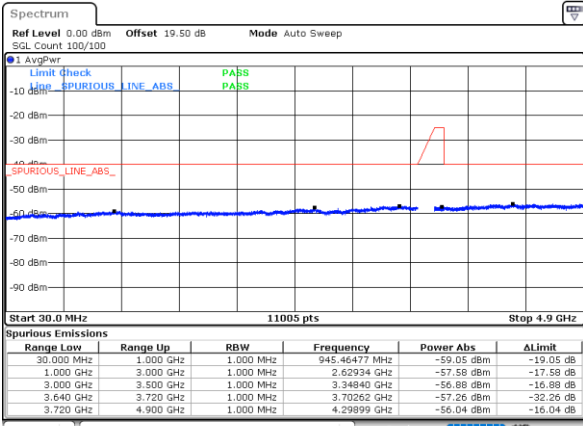
Date: 17_JUL_2024 16:50:37



LTE Band 48C / 10MHz+20MHz

QPSK

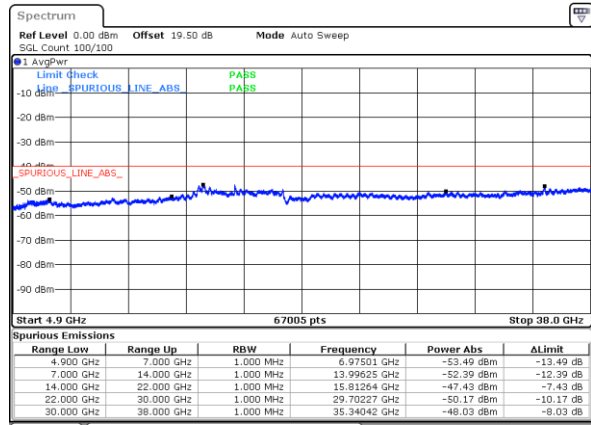
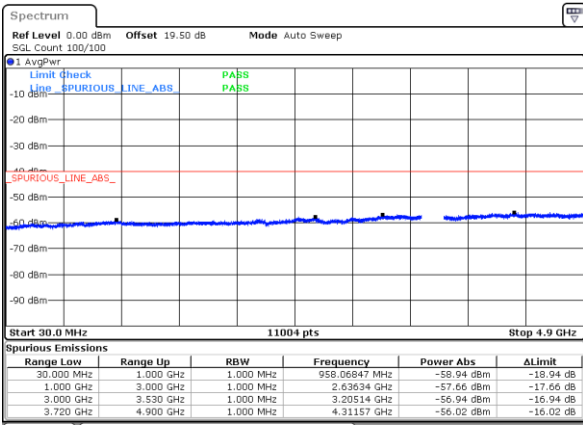
Lowest Channel / 1RB49 and 1RB0



Date: 18_JUL_2024 14:17:30

Date: 18_JUL_2024 14:16:07

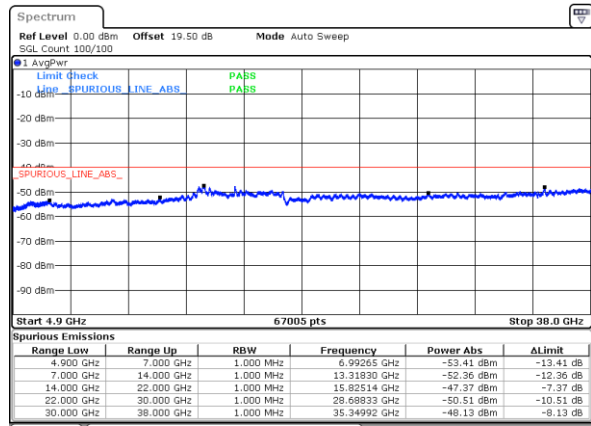
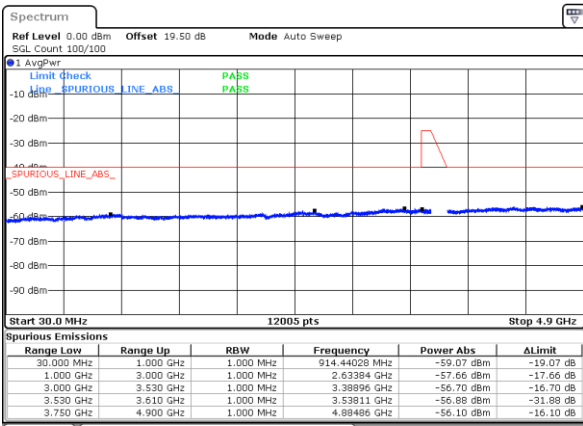
Middle Channel / 1RB49 and 1RB0



Date: 18_JUL_2024 14:07:24

Date: 18_JUL_2024 14:06:00

Highest Channel / 1RB49 and 1RB0



Date: 18_JUL_2024 14:30:06

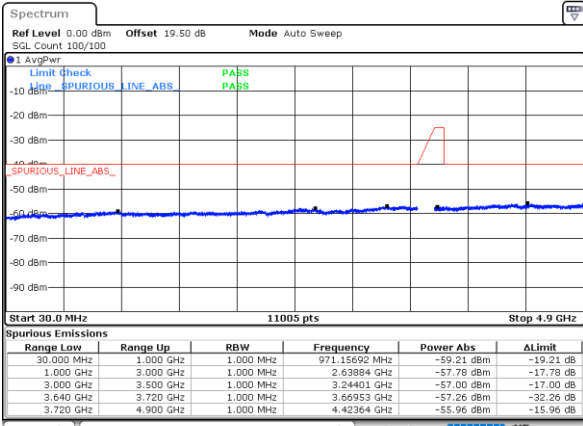
Date: 18_JUL_2024 14:28:43



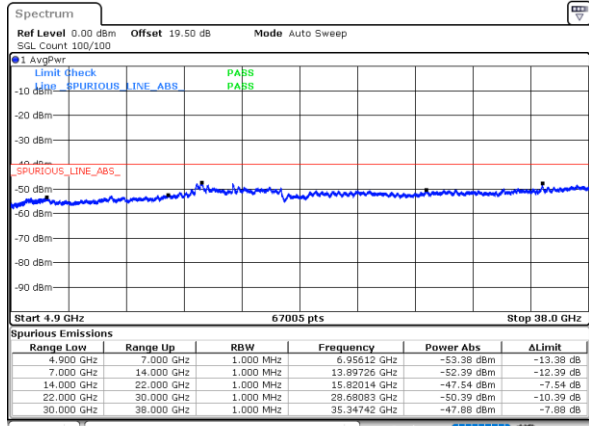
LTE Band 48C / 15MHz+20MHz

QPSK

Lowest Channel / 1RB74 and 1RB0

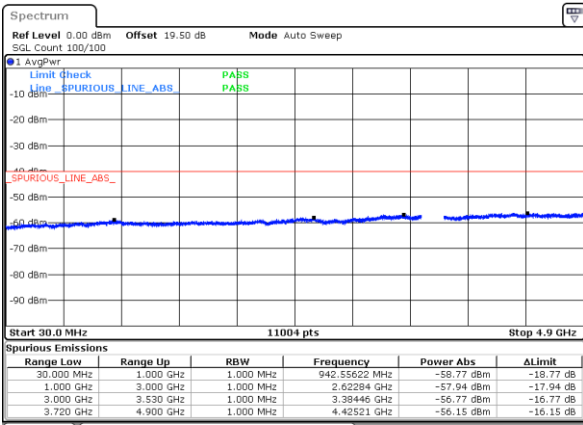


Date: 18_JUL_2024 14:53:10

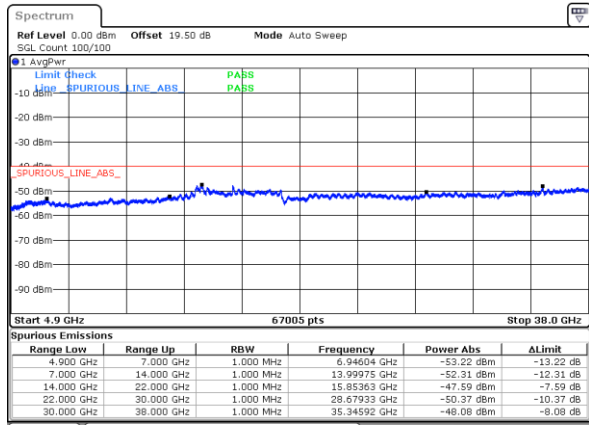


Date: 18_JUL_2024 14:51:47

Middle Channel / 1RB74 and 1RB0

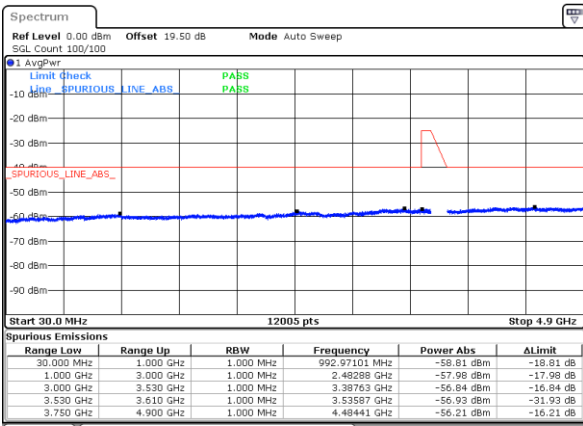


Date: 18_JUL_2024 14:36:41

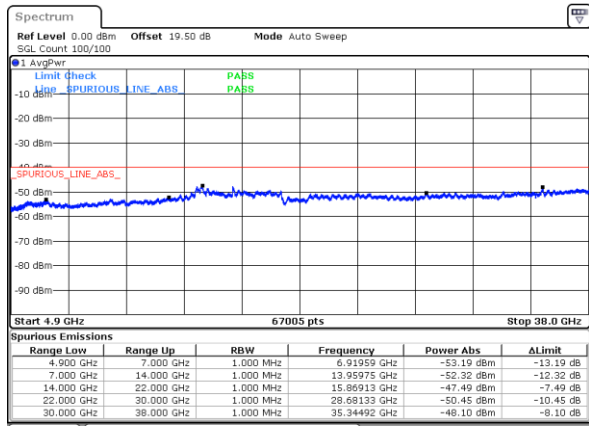


Date: 18_JUL_2024 14:35:17

Highest Channel / 1RB74 and 1RB0



Date: 18_JUL_2024 15:14:34



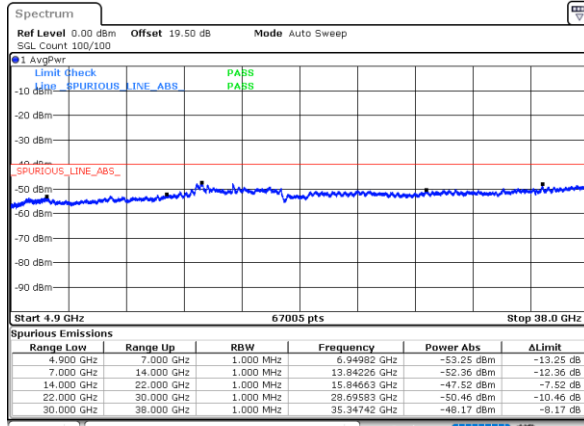
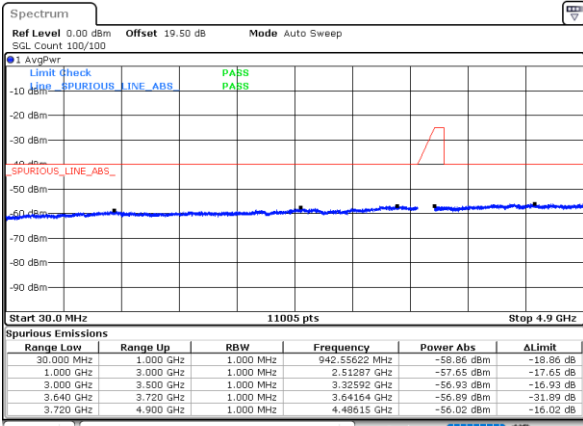
Date: 18_JUL_2024 15:13:10



LTE Band 48C / 20MHz+5MHz

QPSK

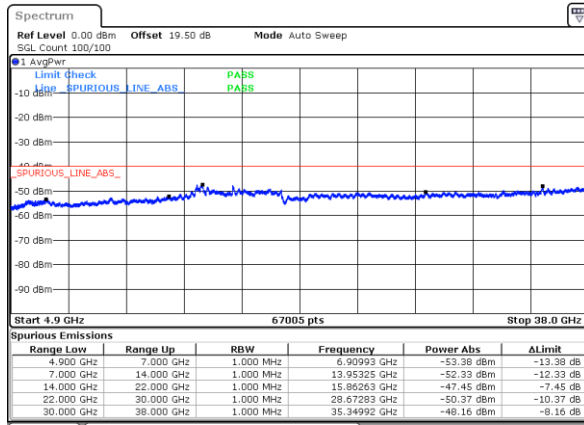
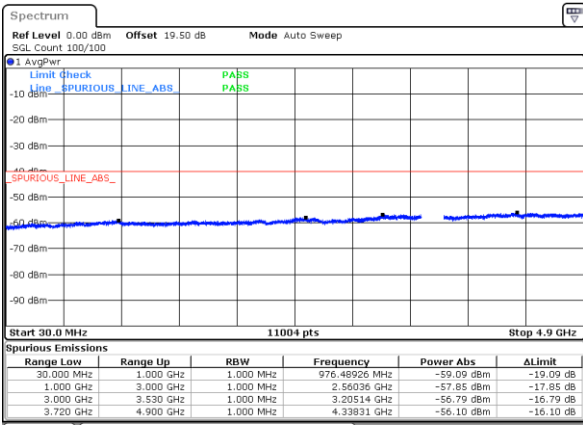
Lowest Channel / 1RB99 and 1RB0



Date: 17_JUL_2024 17:11:37

Date: 17_JUL_2024 17:10:19

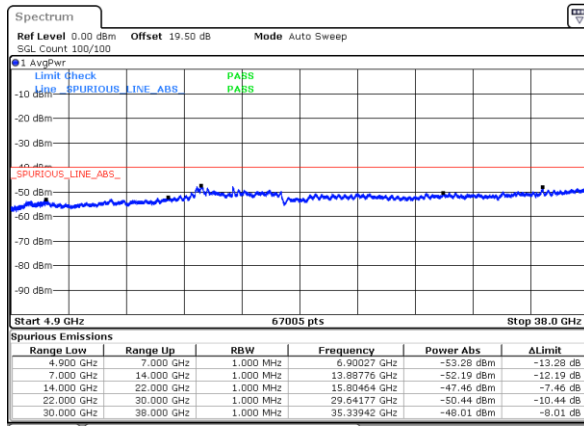
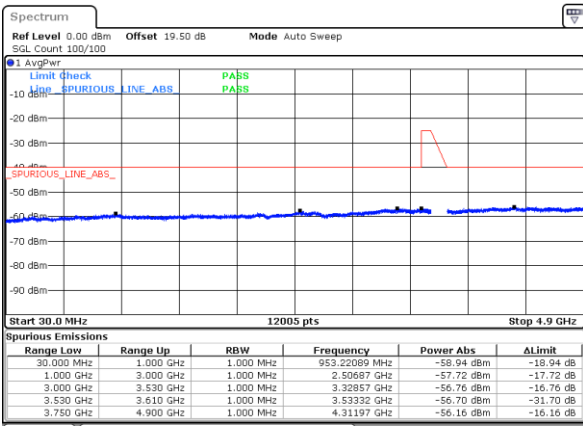
Middle Channel / 1RB99 and 1RB0



Date: 17_JUL_2024 17:04:06

Date: 17_JUL_2024 17:03:17

Highest Channel / 1RB99 and 1RB0



Date: 17_JUL_2024 17:23:07

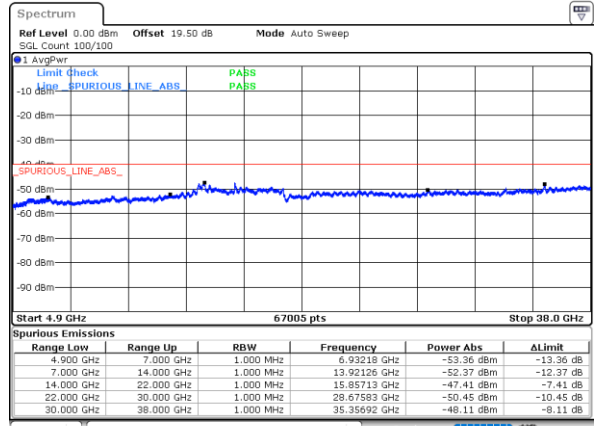
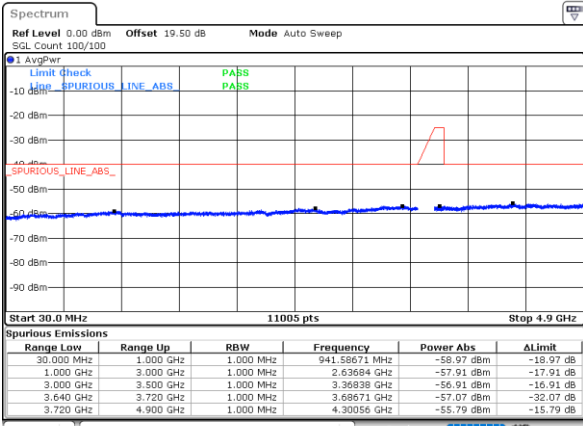
Date: 17_JUL_2024 17:24:26



LTE Band 48C / 20MHz+10MHz

QPSK

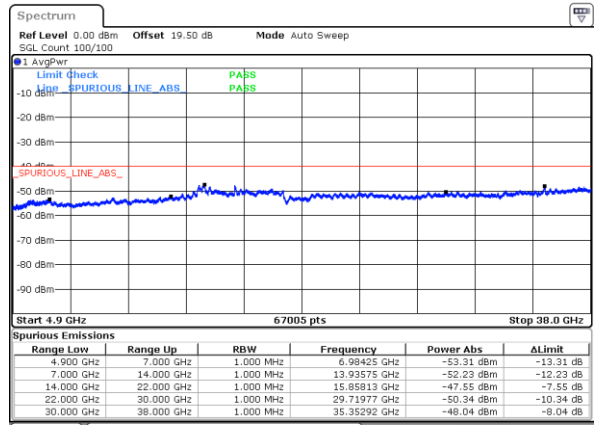
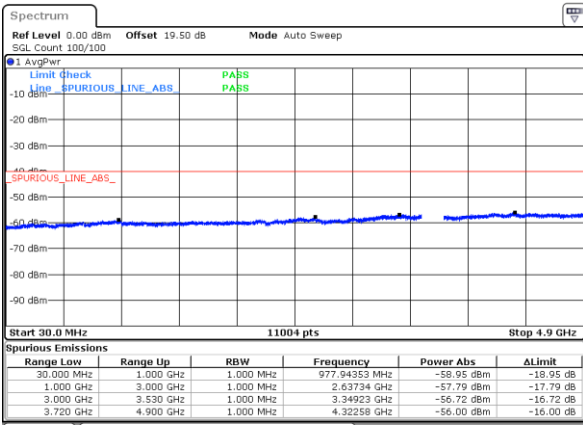
Lowest Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 09:13:18

Date: 18_JUL_2024 09:11:55

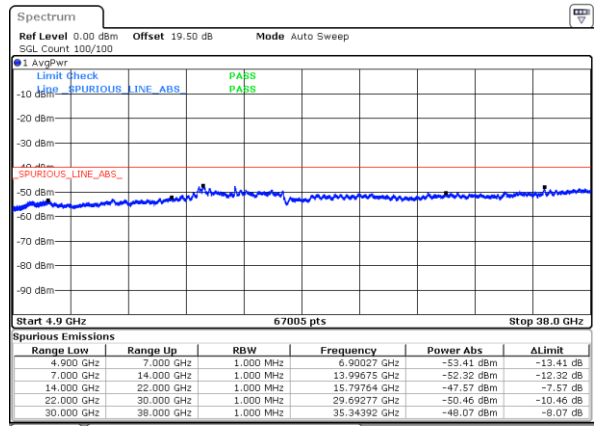
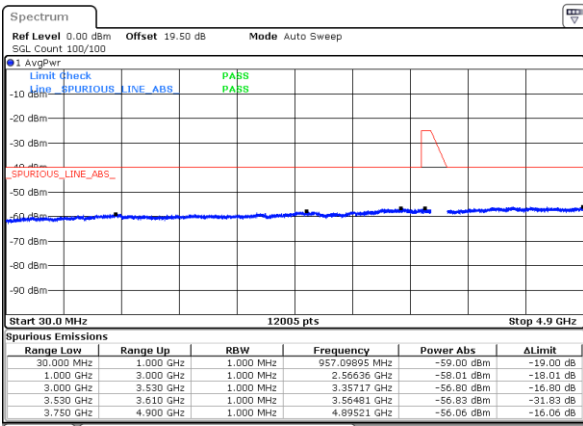
Middle Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 09:10:31

Date: 18_JUL_2024 09:09:07

Highest Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 09:32:36

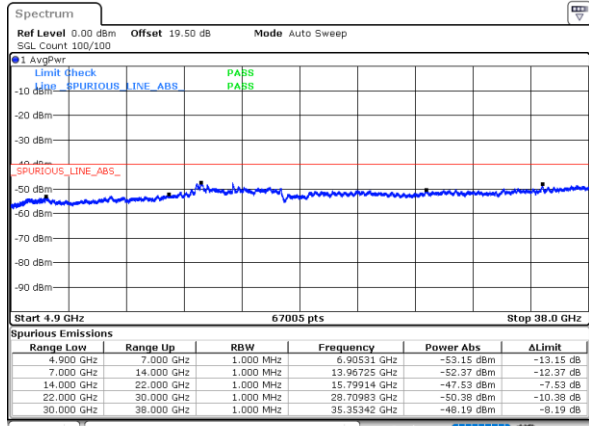
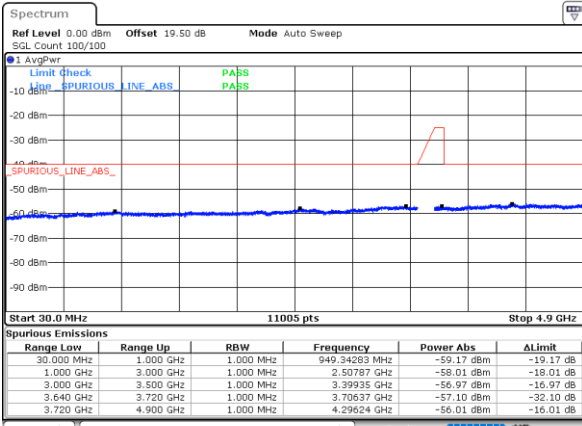
Date: 18_JUL_2024 09:31:13



LTE Band 48C / 20MHz+15MHz

QPSK

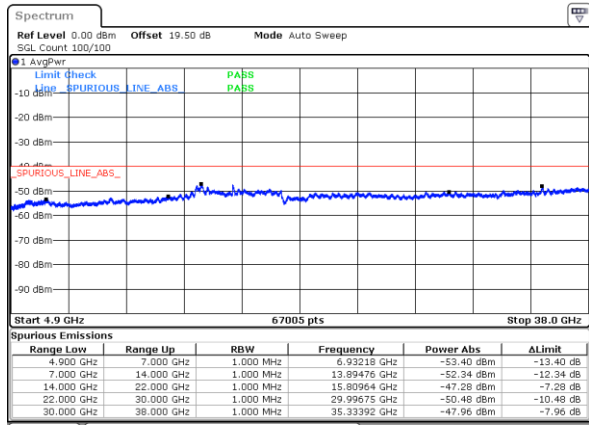
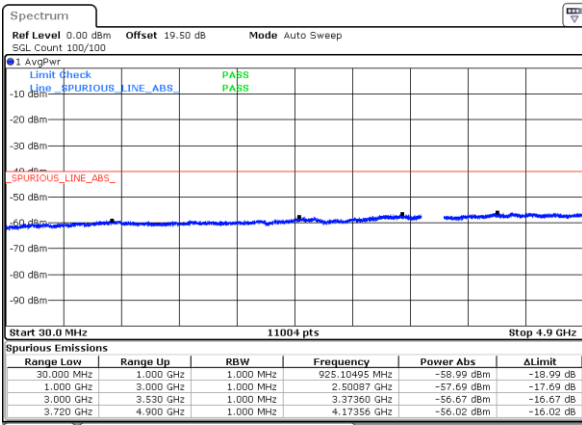
Lowest Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 11:11:14

Date: 18_JUL_2024 11:09:51

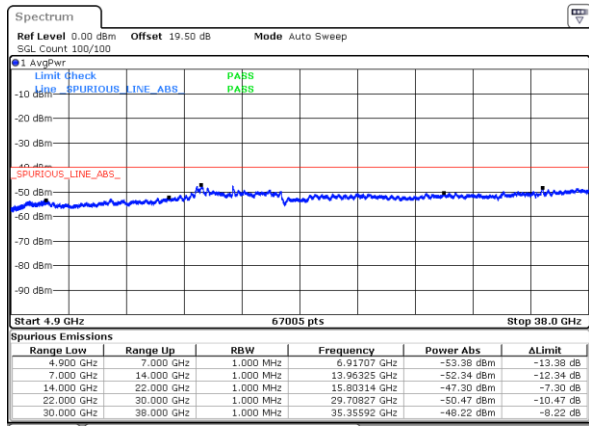
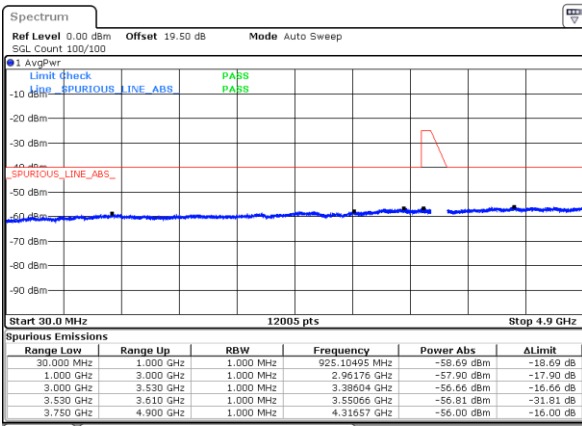
Middle Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 10:50:58

Date: 18_JUL_2024 10:49:35

Highest Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 11:08:27

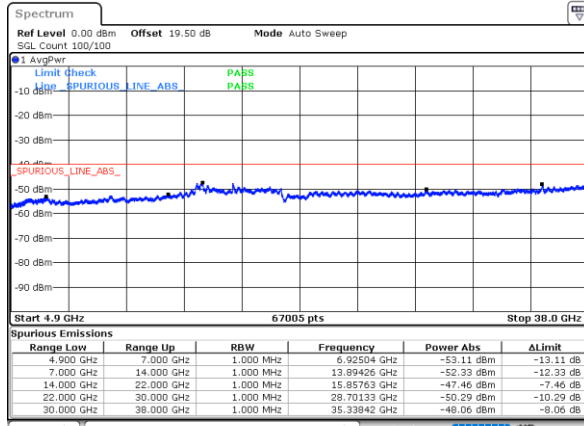
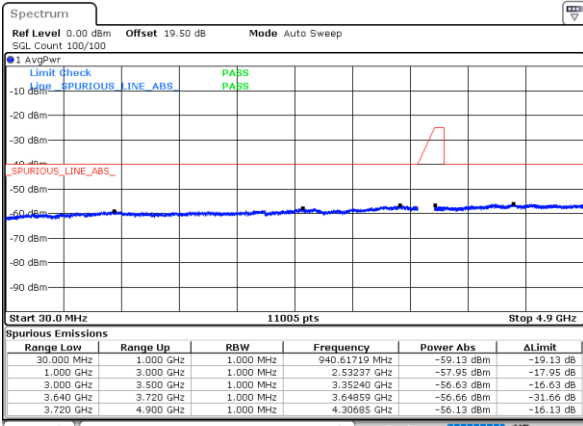
Date: 18_JUL_2024 11:07:04



LTE Band 48C / 20MHz+20MHz

QPSK

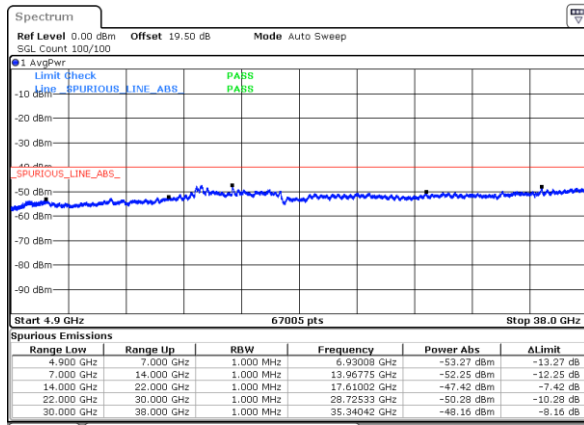
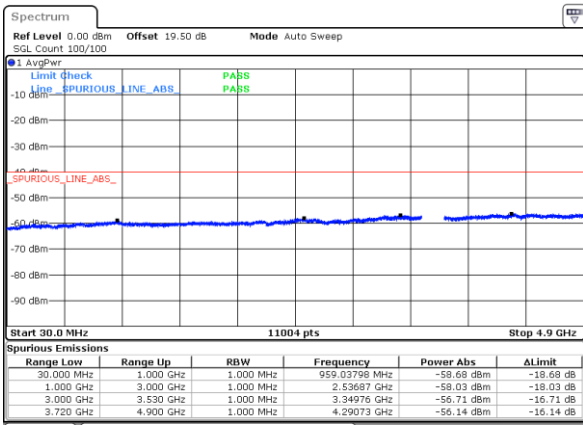
Lowest Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 11:43:15

Date: 18_JUL_2024 11:41:54

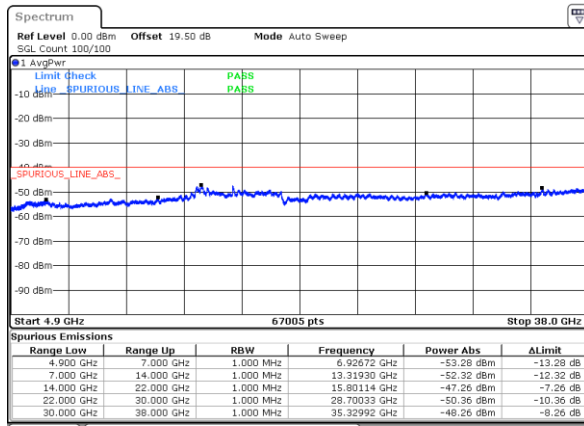
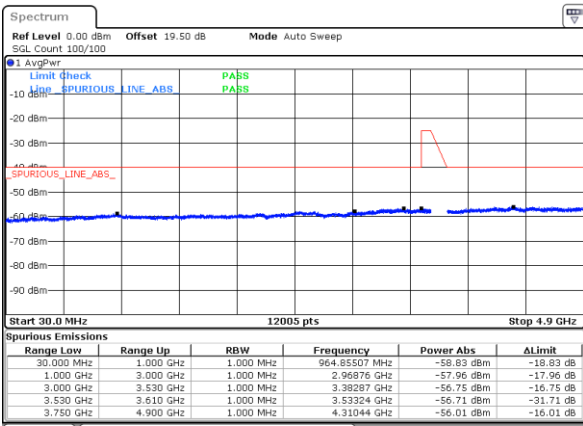
Middle Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 11:33:10

Date: 18_JUL_2024 11:35:49

Highest Channel / 1RB99 and 1RB0



Date: 18_JUL_2024 11:57:58

Date: 18_JUL_2024 11:56:37



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|-----------|---------------------|---------|
| Test Engineer : | Kuang Jia | Temperature : | 23~25°C |
| | | Relative Humidity : | 41~42% |

| LTE Band 48 / 10MHz / QPSK / ANT5 for Sample 1 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Middle | 7232.00 | -59.37 | -40 | -19.37 | -58.55 | -62.67 | 8.30 | 11.60 | H |
| | 10848.00 | -54.46 | -40 | -14.46 | -59.03 | -55.98 | 10.48 | 12.00 | H |
| | 14464.00 | -49.52 | -40 | -9.52 | -59.52 | -51.22 | 11.80 | 13.50 | H |
| | 7232.00 | -58.97 | -40 | -18.97 | -58.46 | -62.27 | 8.30 | 11.60 | V |
| | 10848.00 | -55.21 | -40 | -15.21 | -59.41 | -56.73 | 10.48 | 12.00 | V |
| | 14464.00 | -50.13 | -40 | -10.13 | -59.55 | -51.83 | 11.80 | 13.50 | V |

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

| LTE Band 48 / 10MHz / QPSK / ANT5 for Sample 2 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Middle | 7232.00 | -59.03 | -40 | -19.03 | -64.97 | -62.33 | 8.30 | 11.60 | H |
| | 10848.00 | -55.89 | -40 | -15.89 | -68.17 | -57.41 | 10.48 | 12.00 | H |
| | 14464.00 | -50.11 | -40 | -10.11 | -67.85 | -51.81 | 11.80 | 13.50 | H |
| | 7232.00 | -58.90 | -40 | -18.90 | -65.15 | -62.20 | 8.30 | 11.60 | V |
| | 10848.00 | -56.21 | -40 | -16.21 | -68.12 | -57.73 | 10.48 | 12.00 | V |
| | 14464.00 | -50.74 | -40 | -10.74 | -67.90 | -52.44 | 11.80 | 13.50 | V |

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

| LTE Band 48C_CA / 20+20MHz / QPSK / ANT5 for Sample 1 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Middle | 7250.00 | -59.37 | -40 | -19.37 | -65.36 | -62.67 | 8.30 | 11.60 | H |
| | 10875.00 | -54.75 | -40 | -14.75 | -67.12 | -56.27 | 10.48 | 12.00 | H |
| | 14500.00 | -49.67 | -40 | -9.67 | -67.64 | -51.37 | 11.80 | 13.50 | H |
| | 7250.00 | -59.44 | -40 | -19.44 | -65.71 | -62.74 | 8.30 | 11.60 | V |
| | 10875.00 | -55.43 | -40 | -15.43 | -67.45 | -56.95 | 10.48 | 12.00 | V |
| | 14500.00 | -50.20 | -40 | -10.20 | -67.57 | -51.90 | 11.80 | 13.50 | V |

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