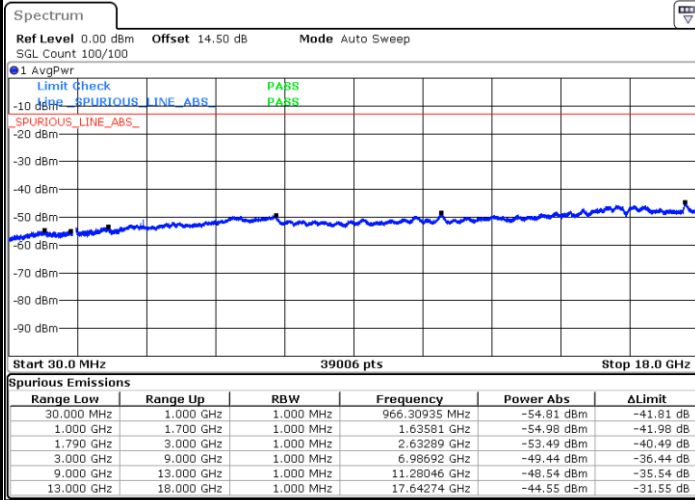




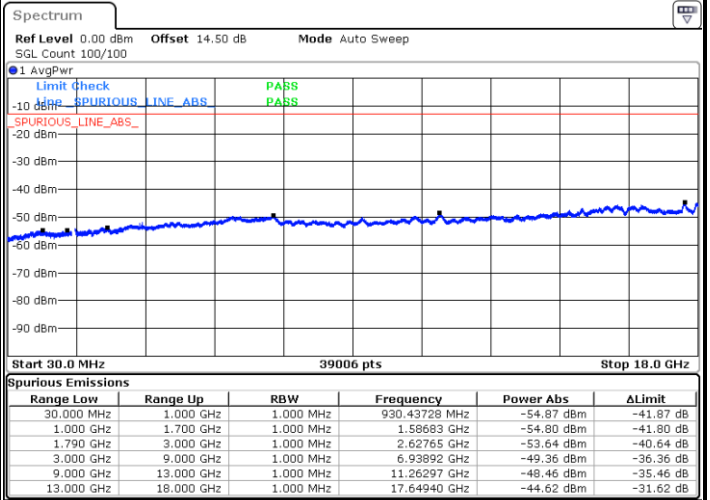
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 21.MAY.2021 12:08:29

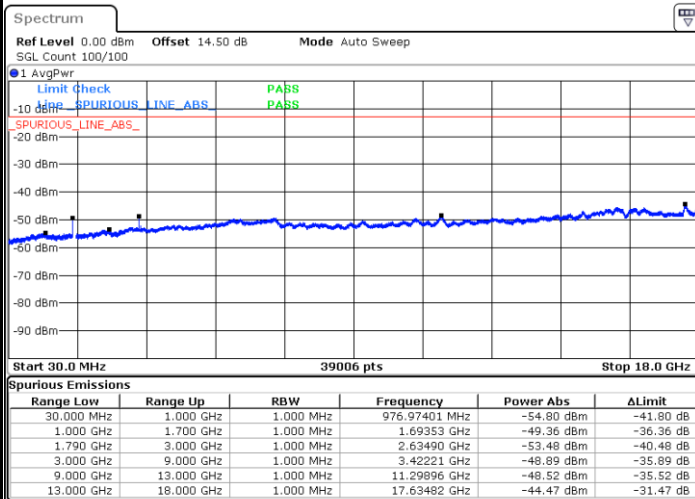
Highest Channel / 16QAM



Date: 21.MAY.2021 12:09:27

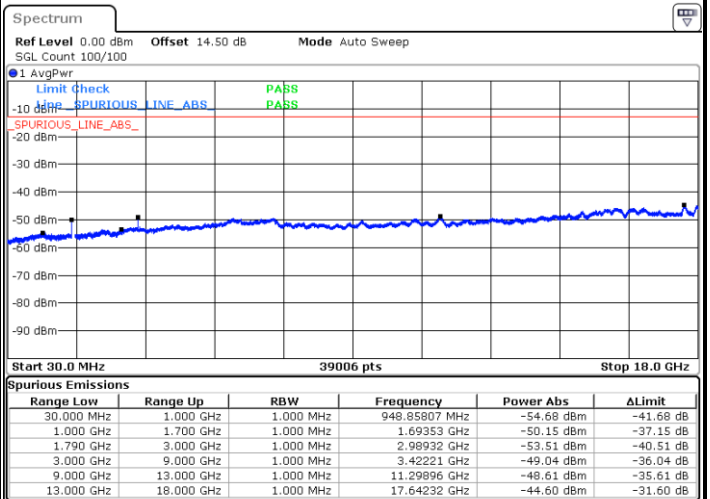
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 21.MAY.2021 12:18:52

Lowest Channel / 16QAM



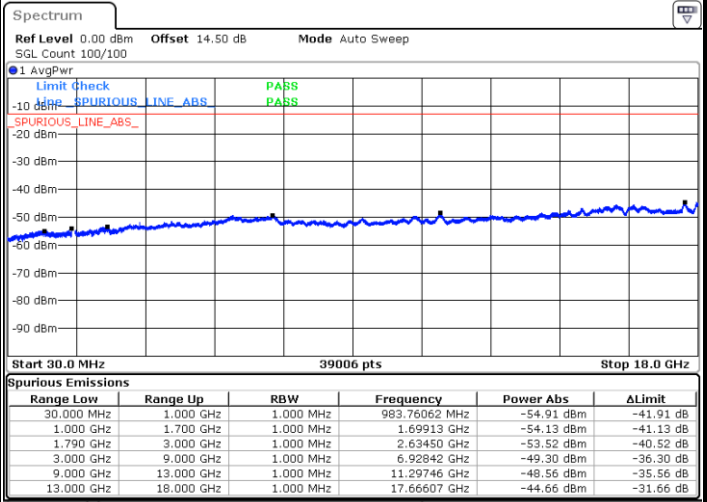
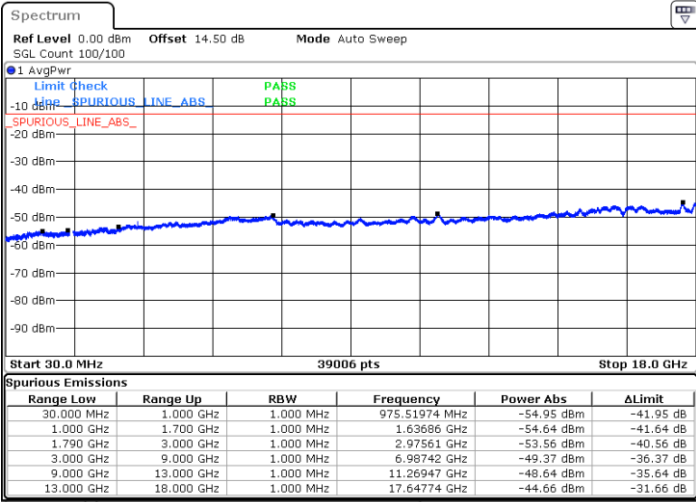
Date: 21.MAY.2021 12:19:50



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

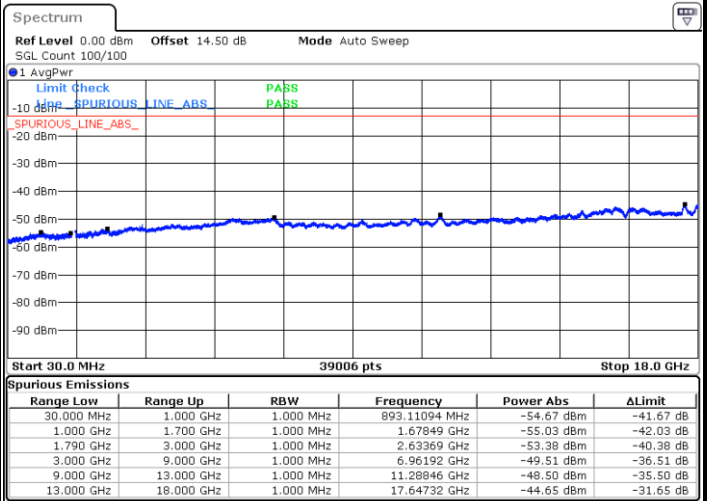
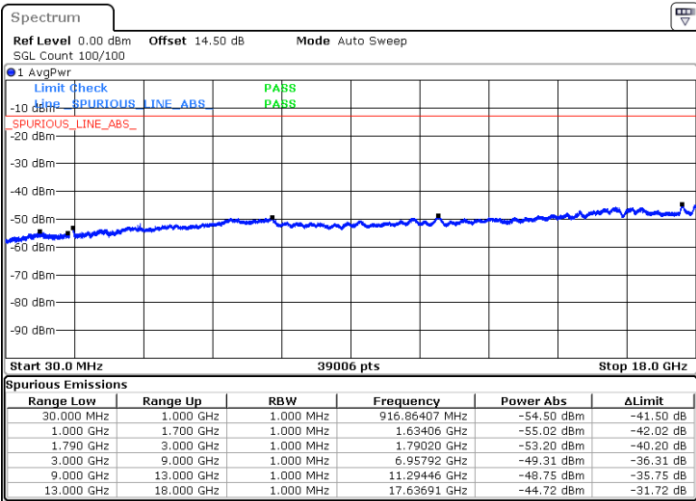


Date: 21.MAY.2021 12:22:27

Date: 21.MAY.2021 12:23:25

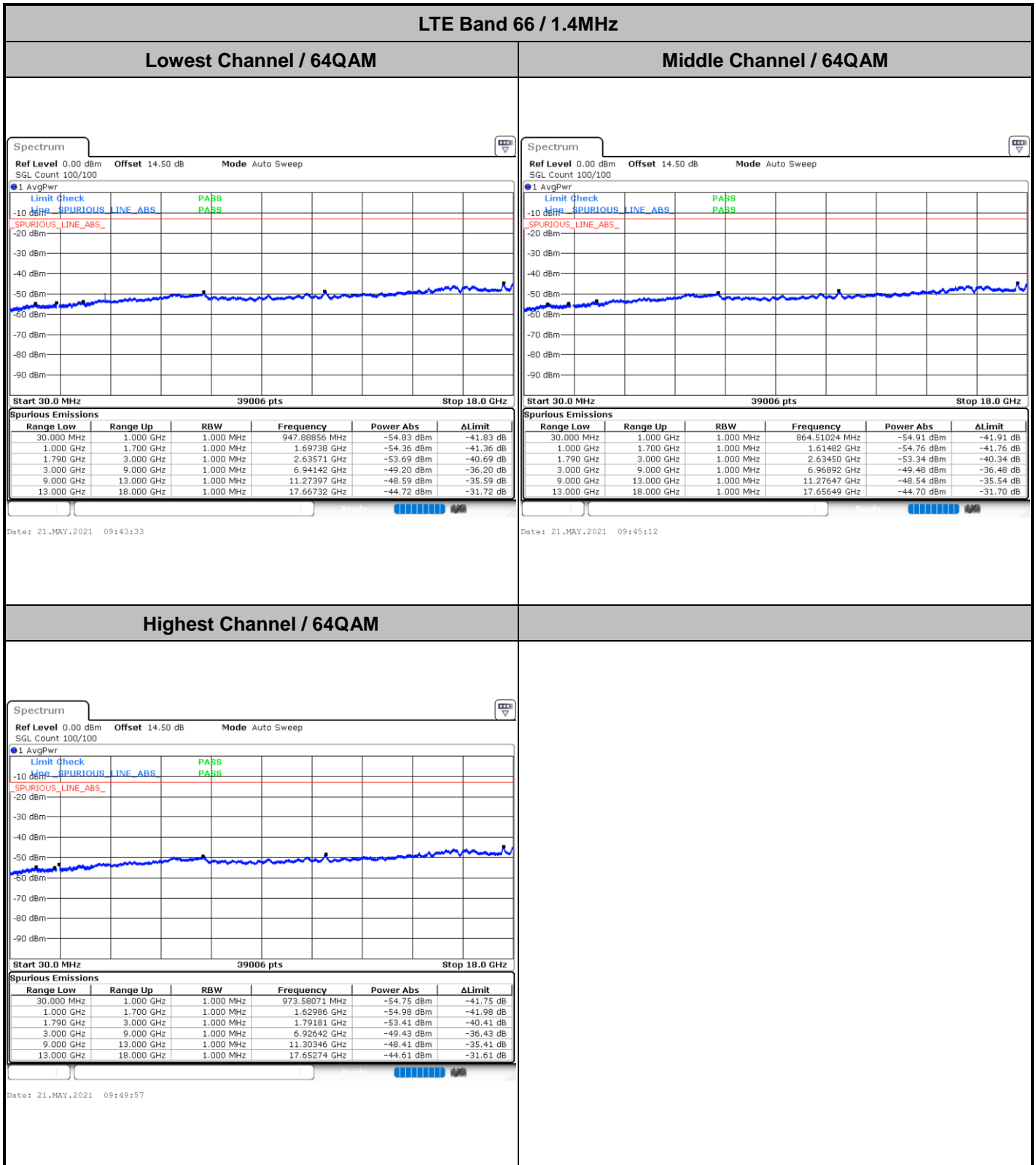
Highest Channel / QPSK

Highest Channel / 16QAM



Date: 21.MAY.2021 12:32:13

Date: 21.MAY.2021 12:33:11

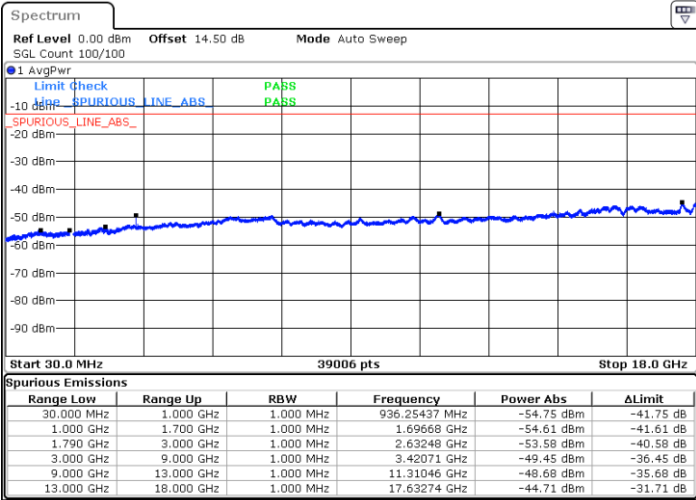




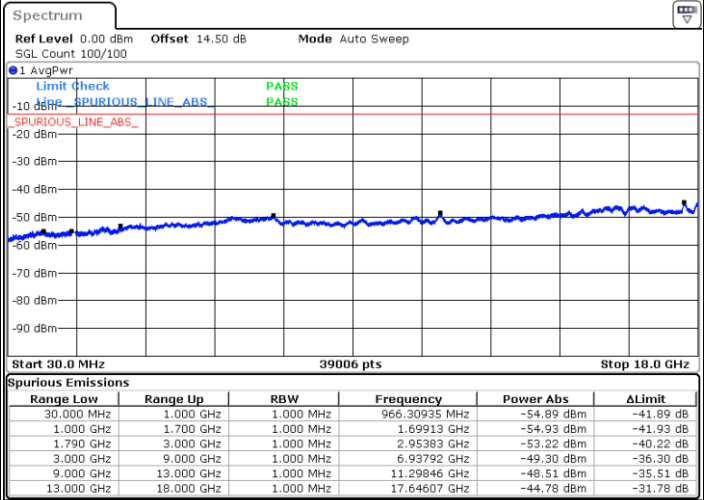
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

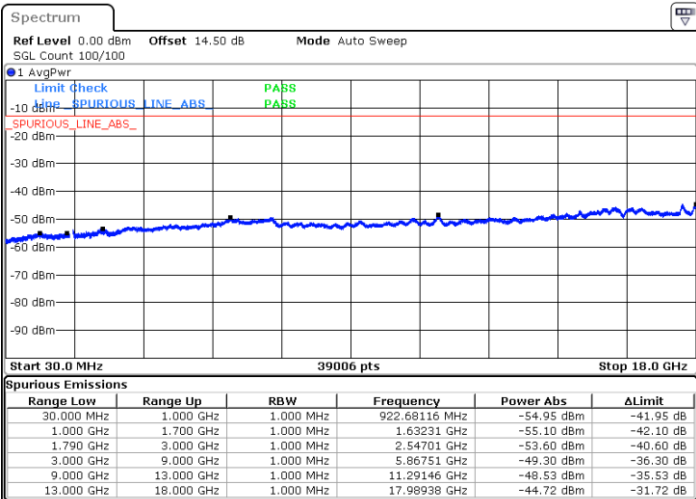


Date: 21.MAY.2021 10:18:26



Date: 21.MAY.2021 10:20:05

Highest Channel / 64QAM

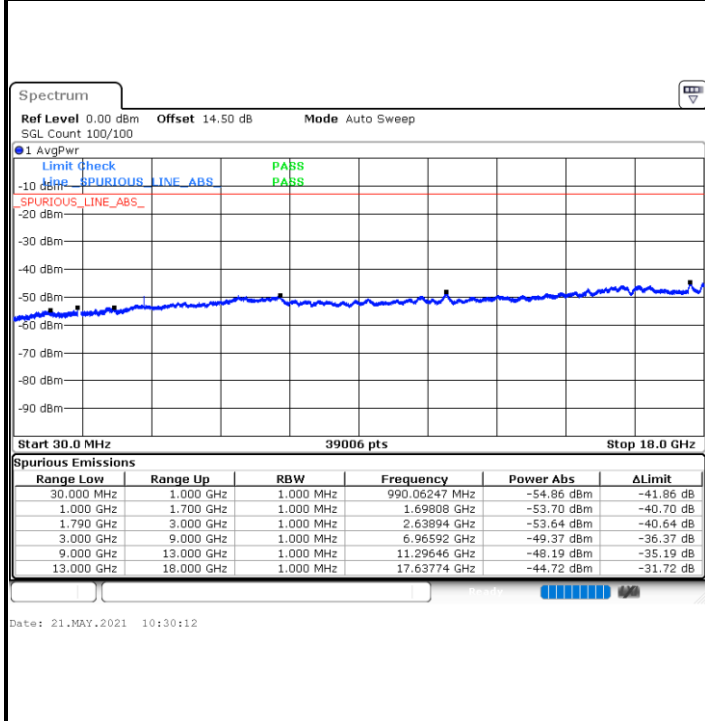


Date: 21.MAY.2021 10:24:50

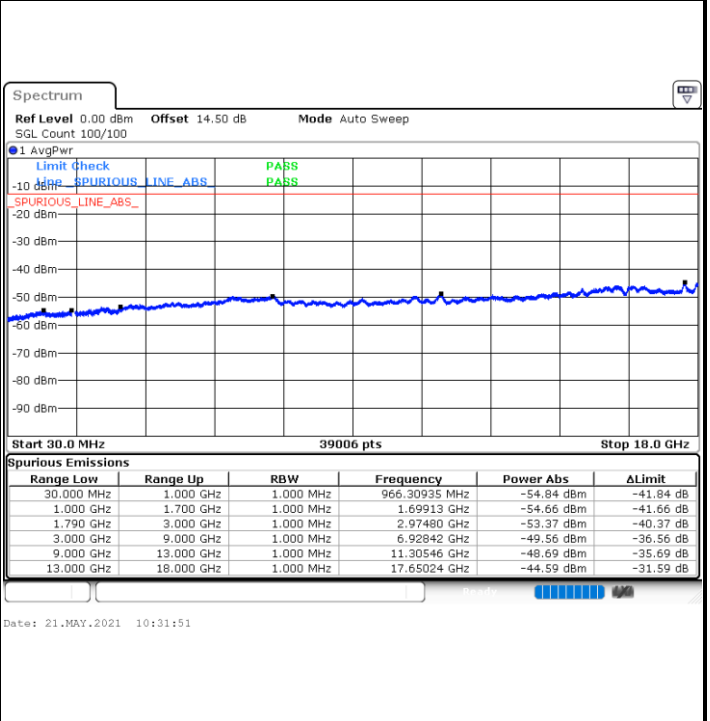


LTE Band 66 / 5MHz

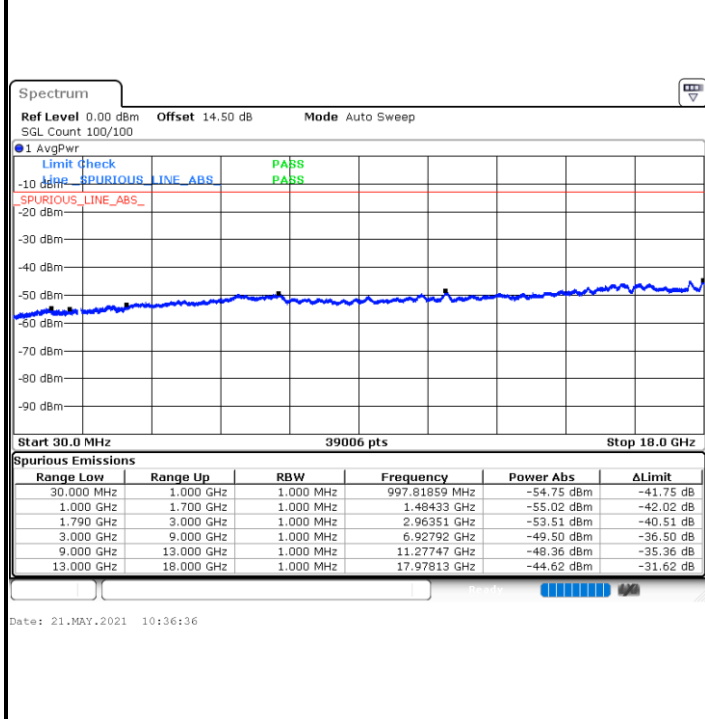
Lowest Channel / 64QAM



Middle Channel / 64QAM

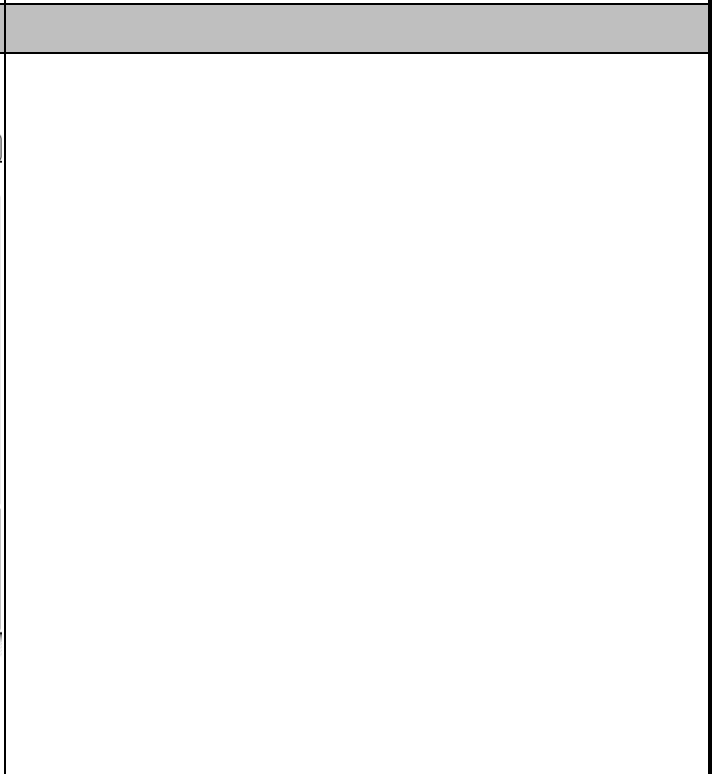
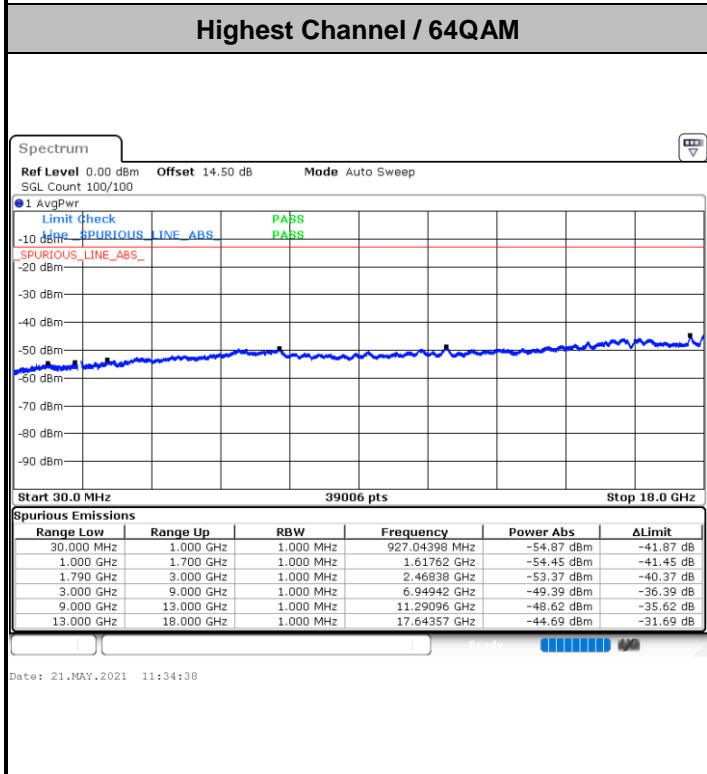
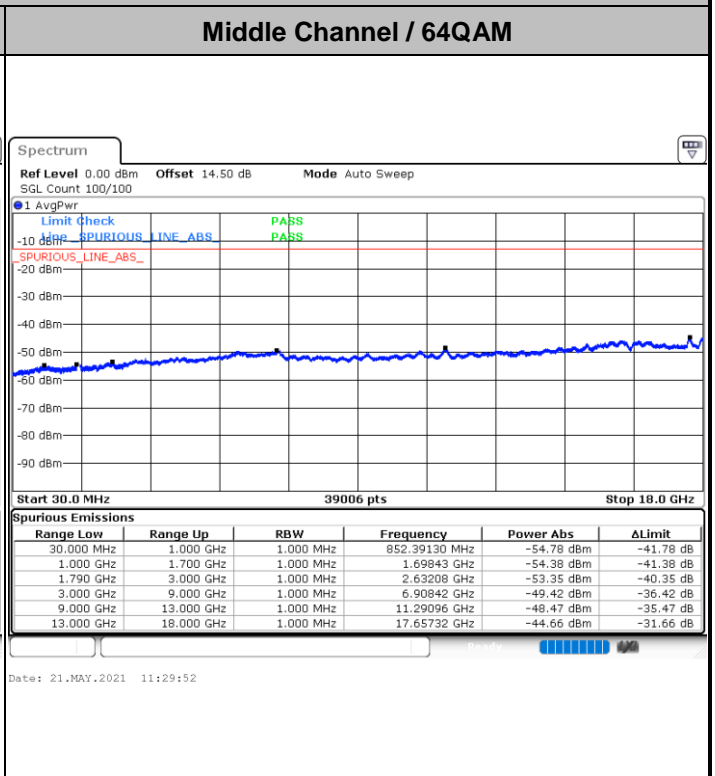
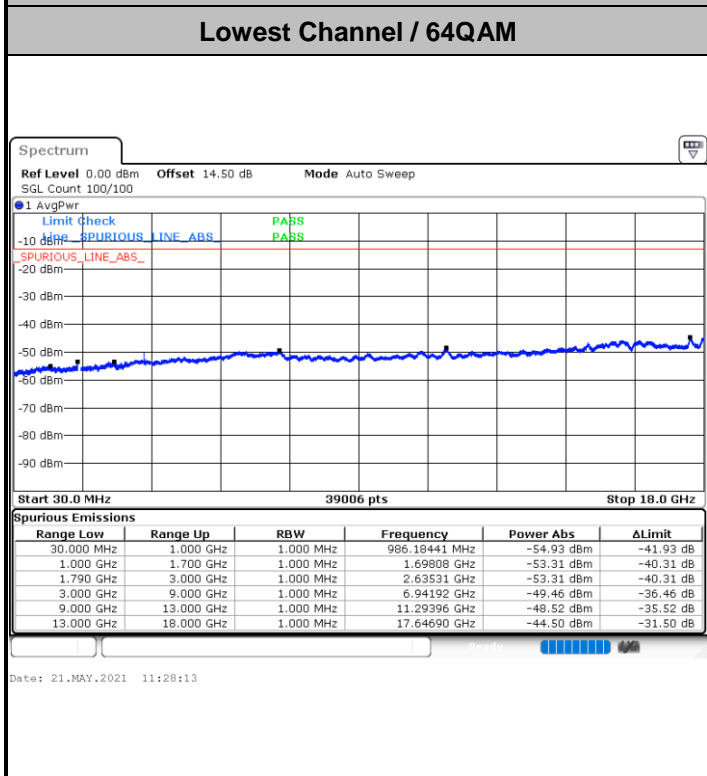


Highest Channel / 64QAM





LTE Band 66 / 10MHz

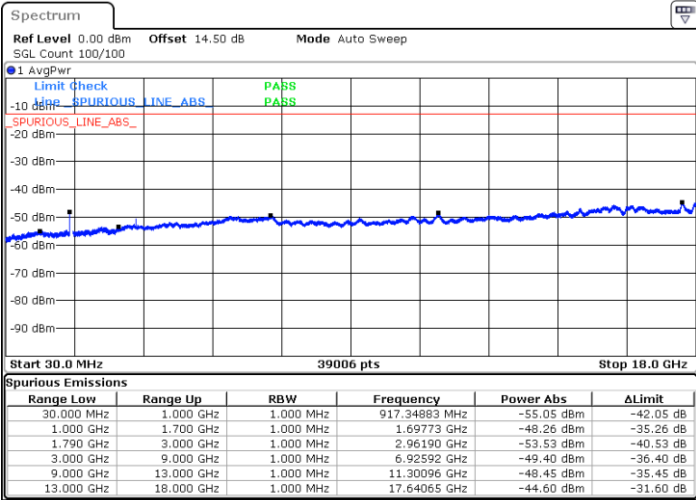




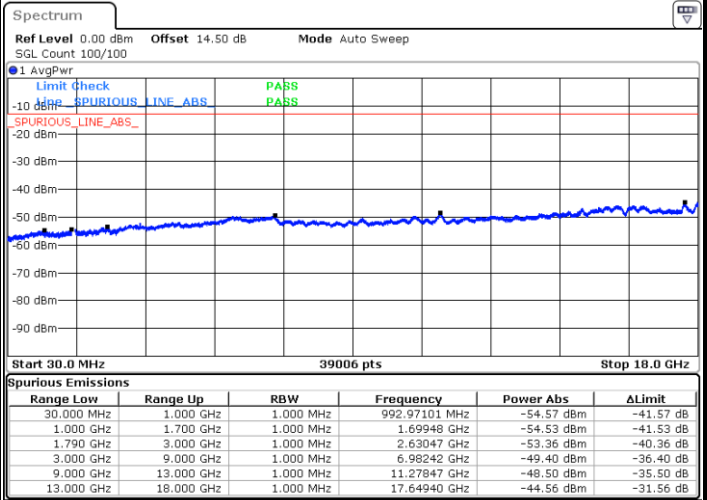
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

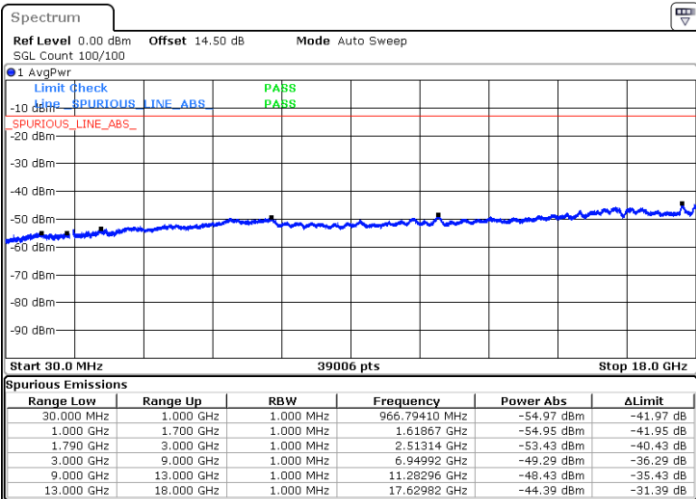


Date: 21.MAY.2021 11:39:59



Date: 21.MAY.2021 11:41:37

Highest Channel / 64QAM



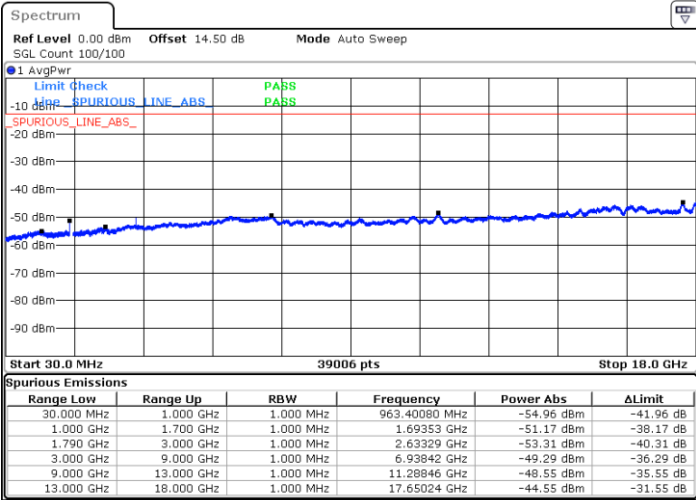
Date: 21.MAY.2021 11:46:22



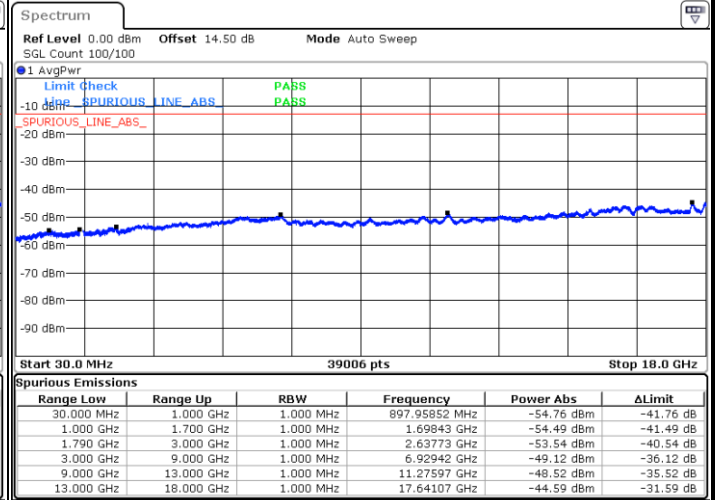
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

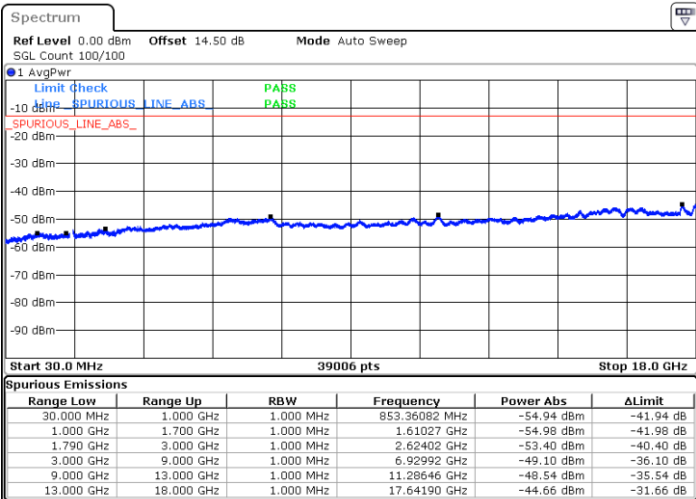


Date: 21.MAY.2021 12:37:55



Date: 21.MAY.2021 12:39:34

Highest Channel / 64QAM



Date: 21.MAY.2021 12:44:18



Frequency Stability

| Test Conditions | | LTE Band 66 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0011 | PASS |
| 40 | Normal Voltage | 0.0014 | |
| 30 | Normal Voltage | 0.0029 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0011 | |
| 0 | Normal Voltage | 0.0191 | |
| -10 | Normal Voltage | 0.0171 | |
| -20 | Normal Voltage | 0.0008 | |
| -30 | Normal Voltage | 0.0017 | |
| 20 | Maximum Voltage | 0.0007 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0013 | |

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.51 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Main Antenna:

| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1664.18 | -65.85 | -13 | -52.85 | -74.52 | -69.10 | 4.00 | 9.40 | H |
| | 2496.27 | -56.45 | -13 | -43.45 | -69.30 | -60.02 | 4.88 | 10.60 | H |
| | 3328.36 | -62.50 | -13 | -49.50 | -77.05 | -67.43 | 5.52 | 12.60 | H |
| | 1664.18 | -66.32 | -13 | -53.32 | -74.59 | -69.57 | 4.00 | 9.40 | V |
| | 2496.27 | -55.97 | -13 | -42.97 | -68.78 | -59.54 | 4.88 | 10.60 | V |
| | 3328.36 | -62.72 | -13 | -49.72 | -77.03 | -67.65 | 5.52 | 12.60 | V |

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

| LTE Band 26 / 15MHz / 16QAM | | | | | | | | | |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1659.5 | -65.63 | -13 | -52.63 | -74.30 | -68.88 | 4.00 | 9.40 | H |
| | 2489.25 | -50.64 | -13 | -37.64 | -63.47 | -54.21 | 4.88 | 10.60 | H |
| | 3319 | -61.81 | -13 | -48.81 | -76.53 | -66.74 | 5.52 | 12.60 | H |
| | 1659.5 | -65.90 | -13 | -52.90 | -74.17 | -69.15 | 4.00 | 9.40 | V |
| | 2489.25 | -52.12 | -13 | -39.12 | -64.91 | -55.69 | 4.88 | 10.60 | V |
| | 3319 | -62.31 | -13 | -49.31 | -76.81 | -67.24 | 5.52 | 12.60 | V |

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

| LTE Band 2 / 20MHz / 16QAM | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 3742.18 | -60.16 | -13 | -47.16 | -76.85 | -66.91 | 5.85 | 12.60 | H |
| | 5613.27 | -58.45 | -13 | -45.45 | -78.16 | -64.25 | 7.30 | 13.10 | H |
| | 7484.36 | -54.03 | -13 | -41.03 | -78.77 | -57.18 | 8.35 | 11.50 | H |
| | 3742.18 | -60.14 | -13 | -47.14 | -76.75 | -66.89 | 5.85 | 12.60 | V |
| | 5613.27 | -58.64 | -13 | -45.64 | -78.54 | -64.44 | 7.30 | 13.10 | V |
| | 7484.36 | -53.84 | -13 | -40.84 | -78.57 | -56.99 | 8.35 | 11.50 | V |

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



| LTE Band 12 / 10MHz / QPSK | | | | | | | | | |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1406 | -64.11 | -13 | -51.11 | -73.31 | -70.86 | 5.85 | 12.60 | H |
| | 2109 | -63.04 | -13 | -50.04 | -74.79 | -68.84 | 7.30 | 13.10 | H |
| | 2812 | -61.67 | -13 | -48.67 | -75.97 | -64.82 | 8.35 | 11.50 | H |
| | 1406 | -64.95 | -13 | -51.95 | -73.71 | -71.70 | 5.85 | 12.60 | V |
| | 2109 | -63.12 | -13 | -50.12 | -74.82 | -68.92 | 7.30 | 13.10 | V |
| | 2812 | -61.65 | -13 | -48.65 | -76.14 | -64.80 | 8.35 | 11.50 | V |

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

| LTE Band 66 / 20MHz / 16QAM | | | | | | | | | |
|-----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 3472 | -60.09 | -13 | -47.09 | -75.47 | -66.94 | 5.65 | 12.50 | H |
| | 5208 | -59.09 | -13 | -46.09 | -78.42 | -64.76 | 7.13 | 12.80 | H |
| | 6944 | -54.70 | -13 | -41.70 | -78.63 | -58.10 | 8.40 | 11.80 | H |
| | 3472 | -60.35 | -13 | -47.35 | -75.75 | -67.20 | 5.65 | 12.50 | V |
| | 5208 | -58.94 | -13 | -45.94 | -78.52 | -64.61 | 7.13 | 12.80 | V |
| | 6944 | -54.16 | -13 | -41.16 | -78.56 | -57.56 | 8.40 | 11.80 | V |

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

ASDIV Antenna:

| LTE Band 5 / 10MHz / QPSK | | | | | | | | | |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 1664.18 | -65.83 | -13 | -52.83 | -74.50 | -69.08 | 4.00 | 9.40 | H |
| | 2496.27 | -56.73 | -13 | -43.73 | -69.58 | -60.30 | 4.88 | 10.60 | H |
| | 3328.36 | -62.38 | -13 | -49.38 | -76.93 | -67.31 | 5.52 | 12.60 | H |
| | 1664.18 | -66.22 | -13 | -53.22 | -74.49 | -69.47 | 4.00 | 9.40 | V |
| | 2496.27 | -55.35 | -13 | -42.35 | -68.16 | -58.92 | 4.88 | 10.60 | V |
| | 3328.36 | -62.66 | -13 | -49.66 | -76.97 | -67.59 | 5.52 | 12.60 | V |

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