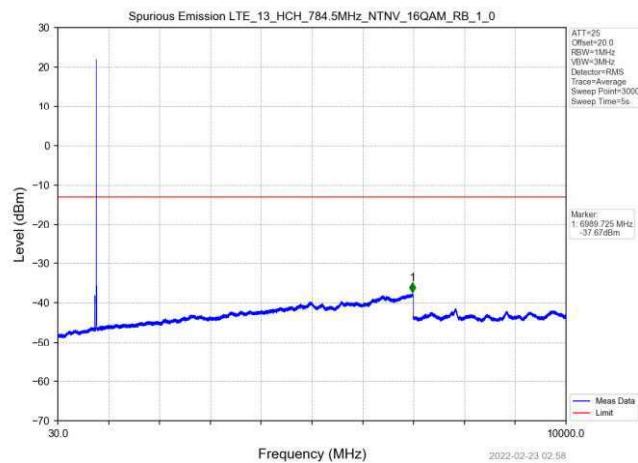
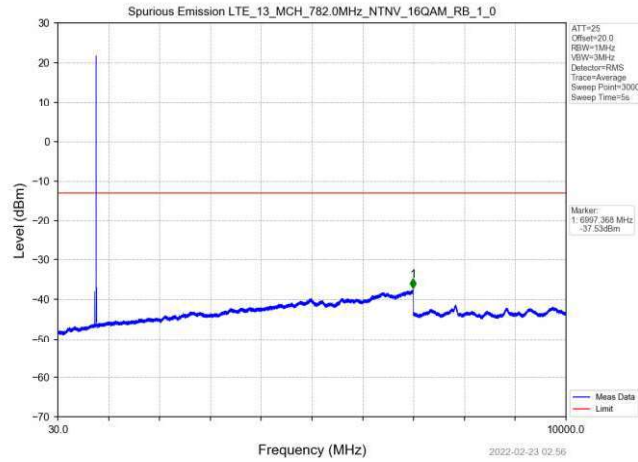
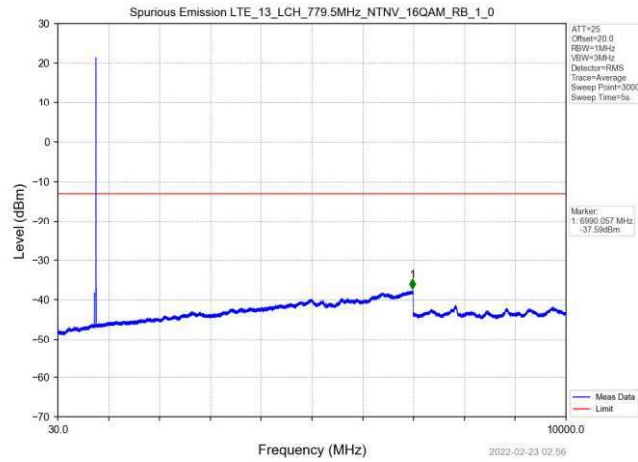
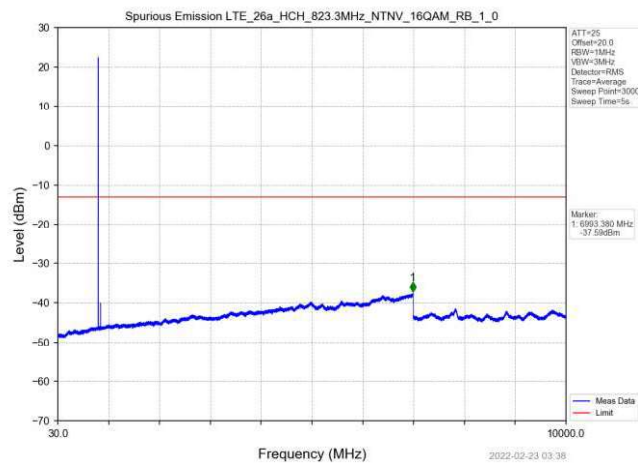
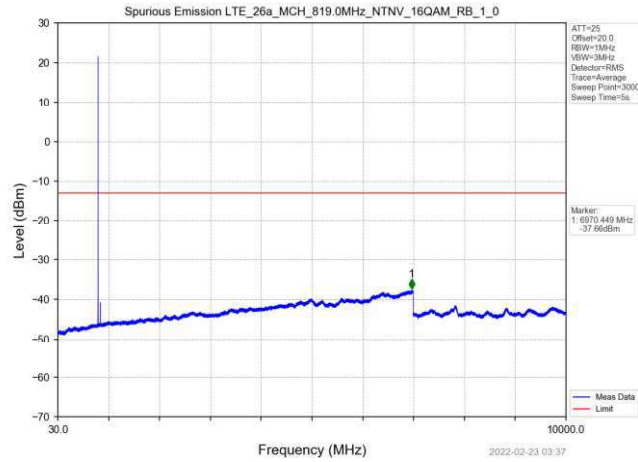
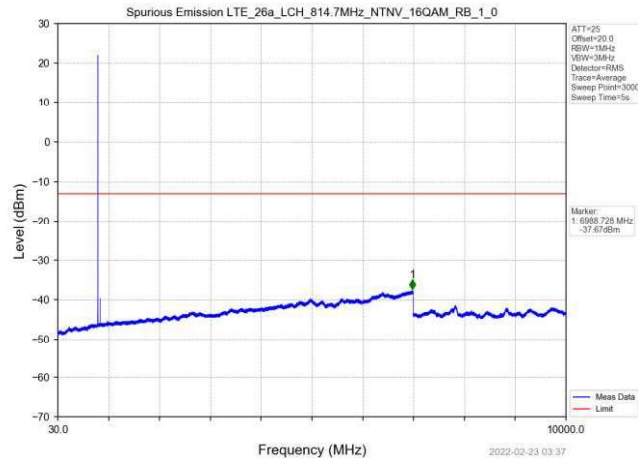


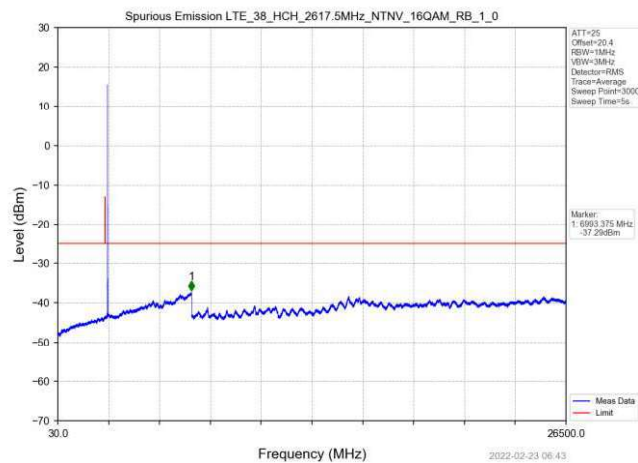
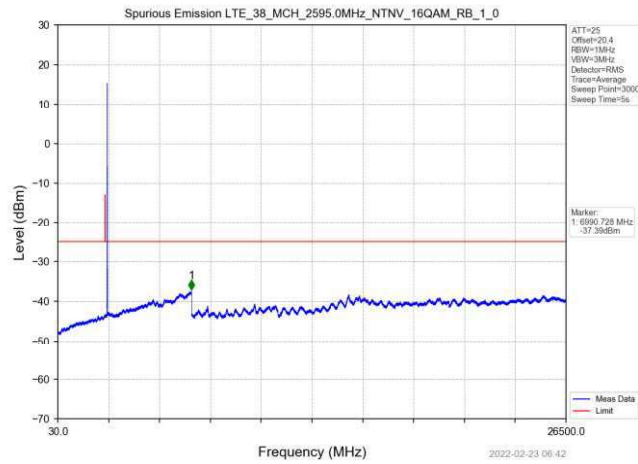
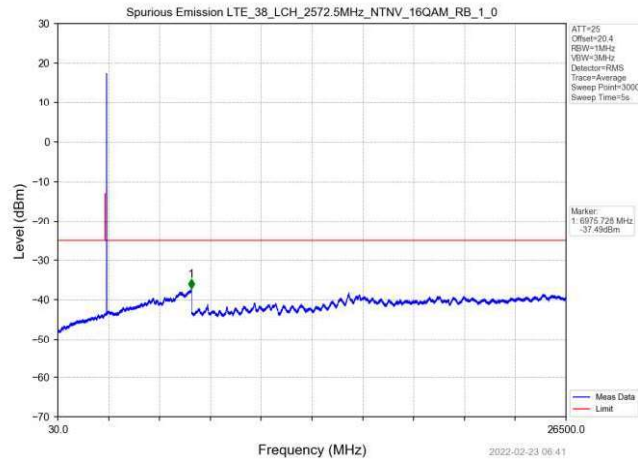
6.20 Test Data – Spurious Emission - LTE Band 13



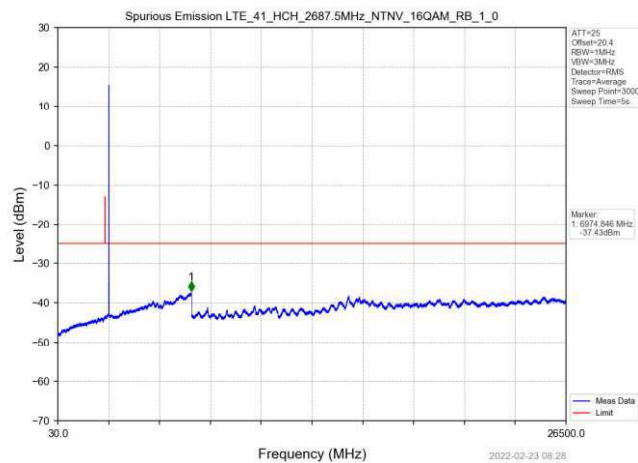
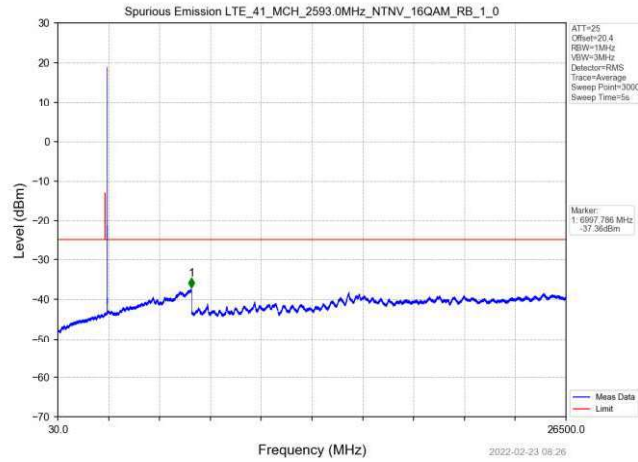
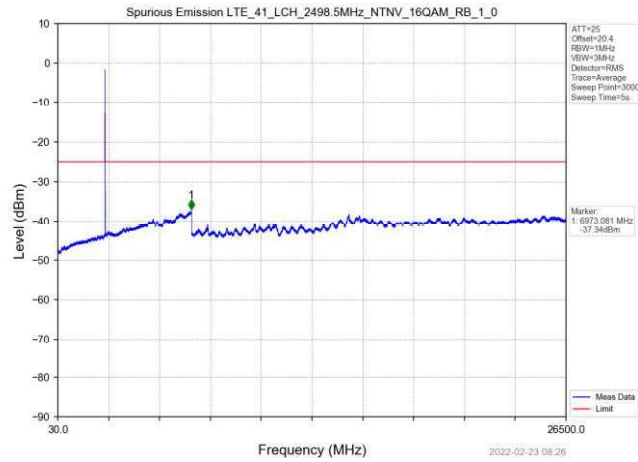
6.21 Test Data – Spurious Emission - LTE Band 26a



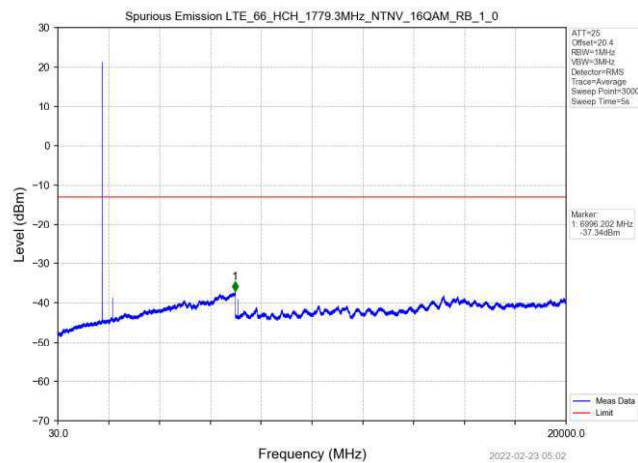
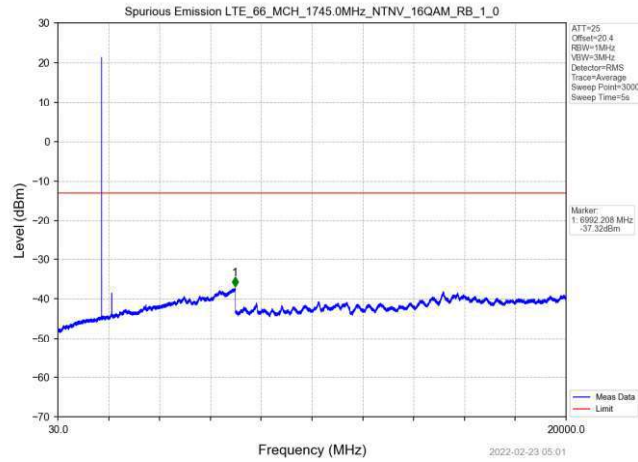
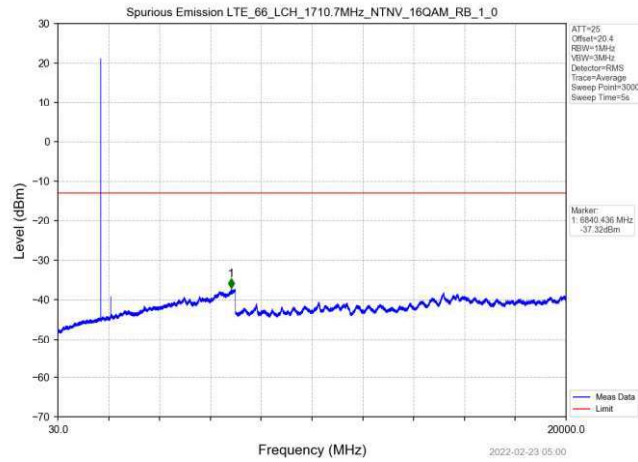
6.22 Test Data – Spurious Emission - LTE Band 38



6.23 Test Data – Spurious Emission - LTE Band 41



6.24 Test Data – Spurious Emission - LTE Band 66



8 Radiated Spurious Emissions

8.1 Test Result

| Test Description | Specification | | Test Result |
|--------------------------------|--|---|-------------|
| | FCC | ISED | |
| Transmitter Spurious Emissions | 2.1053 22.917(a)(b) 24.238(a)(b) 27.53 27.53(g) / (h) 27.53(m)(4) 90.691 | RSS-GEN (6.13) RSS-130 (4.7) RSS-132 (5.5) RSS-133 (6.5.1) RSS-139 (6.6) RSS-199 (4.5) | Compliant |

8.2 Test Method

The levels of the carrier and the various conducted spurious and harmonics frequencies are measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic.

A radio link was established between EUT and Radio Communications Tester through direct connection. The output power of the EUT was set to maximum value by using the maximum power setting on the Radio Communications Tester.

8.3 Test Site

3m Absorber Lined Shielded Enclosure (ALSE), Suwanee, GA

| | | |
|--------------------------|------------|------------|
| Environmental Conditions | 30-1000MHz | Above 1GHz |
| Temperature: | 22.4 °C | 22.2 °C |
| Relative Humidity: | 35.6 % | 32.5 % |
| Atmospheric Pressure: | 97.77 kPa | 97.70 kPa |

8.4 Test Equipment

30-1000MHz

Test End Date: 24-Mar-2022

Tester: AB/ZH

| Equipment | Model | Manufacturer | Asset Number | Cal Date | Cal Due Date |
|-------------------------------|---------------|------------------------------------|--------------|-------------|--------------|
| ANTENNA, BILOG | CBL 6143A | TESEQ | B085931 | 27-Feb-2022 | 27-Feb-2024 |
| ROTARY NM TO NF CONNECTOR | 18-2120-0 | DIAMOND ANTENNA AND MICROWAVE CORP | 22007 | 16-Mar-2022 | 16-Mar-2023 |
| N to N RF Cable | NC12-N1N1-276 | MEGAPHASE | 22001 | 10-Jan-2022 | 10-Jan-2023 |
| RF CABLE NM TO NF, 0.01-18GHZ | 90-213-118 | TELEDYNE STORM MICROWAVE | 20117 | 17-Feb-2022 | 17-Feb-2023 |
| RF CABLE NM TO NM, 0.01-18GHZ | 90-195-079 | TELEDYNE STORM MICROWAVE | 20123 | 14-Feb-2022 | 14-Feb-2023 |
| LOW NOISE AMPLIFIER | ZKL-2+ | MINI-CIRCUITS | B079800 | 18-Oct-2021 | 18-Oct-2022 |
| RF CABLE | SUCOFLEX 100 | HUBER & SUHNER | B108523 | 26-Aug-2021 | 26-Aug-2022 |
| EMI TEST RECEIVER | ESU8 | ROHDE & SCHWARZ | B085759 | 9-Jul-2021 | 9-Jul-2022 |

Above 1GHz

Test End Date: 25-Mar-2022

Tester: AB/ZH

| Equipment | Model | Manufacturer | Asset Number | Cal Date | Cal Due Date |
|----------------------------|------------|--------------------------|--------------|-------------|--------------|
| ANTENNA, DRG HORN (MEDIUM) | 3117 | ETS LINDGREN | B079699 | 15-Jul-2020 | 15-Jul-2022 |
| RF CABLE, NM TO NM. | 90-195-276 | TELEDYNE STORM MICROWAVE | 21020 | 16-Mar-2022 | 16-Mar-2023 |
| LOW NOISE AMPLIFIER | TS-PR18 | ROHDE & SCHWARZ | B094463 | 7-Jul-2021 | 7-Jul-2022 |
| RF CABLE | 104PE | HUBER & SUHNER | B079793 | 24-Aug-2021 | 24-Aug-2022 |
| EMI TEST RECEIVER | ESU40 | ROHDE & SCHWARZ | B079629 | 21-Jun-2021 | 21-Jun-2022 |

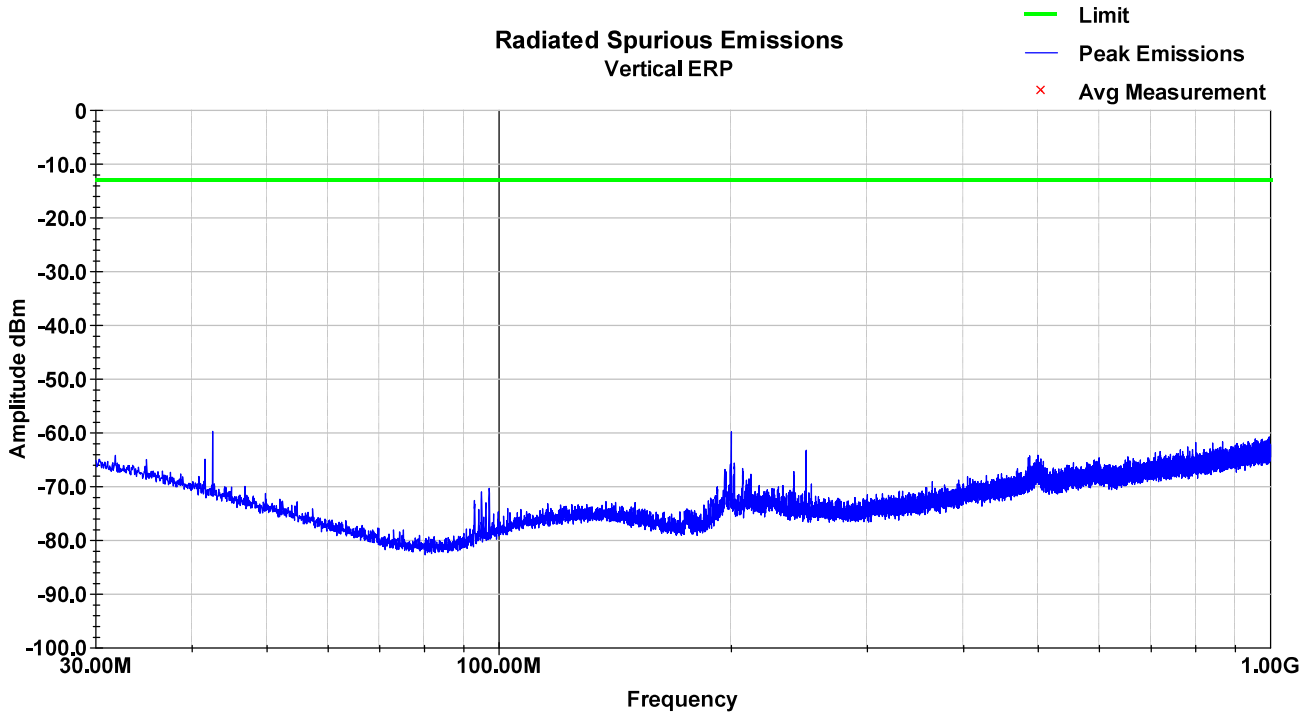
Software:

“RSE 30-1000 MHz T7 201007” TILE! profile dated 07October 2020

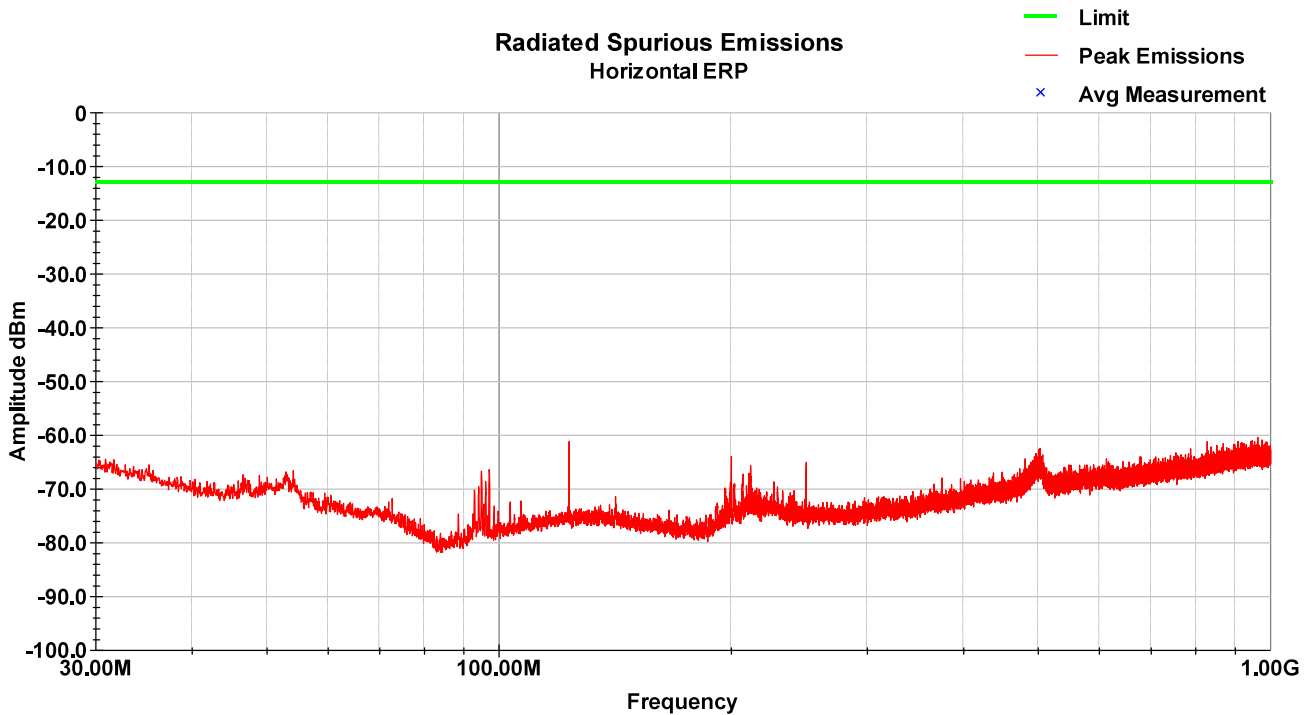
“RSE 1-18 GHz T7 210212” TILE! profile dated 02 February 2021

8.5 Test Data – LTE Band 2

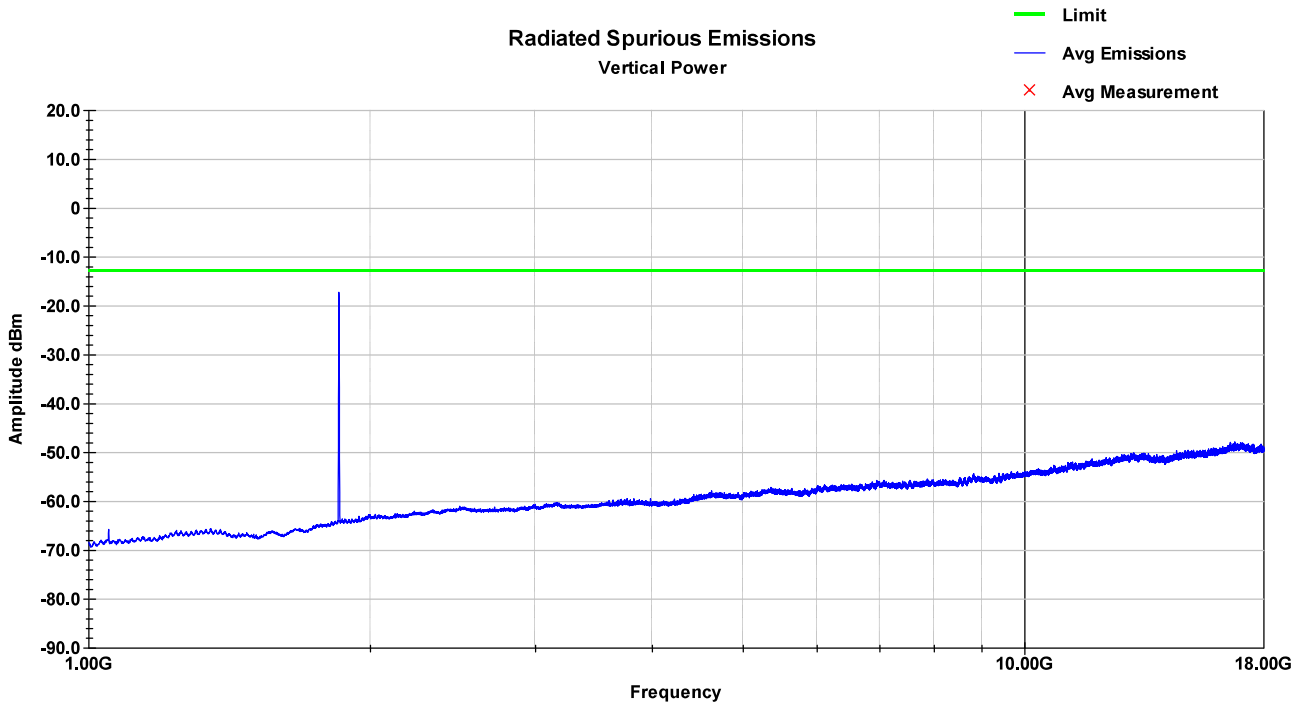
LTE Band 2 – LCH – 30-1000MHz – Vertical



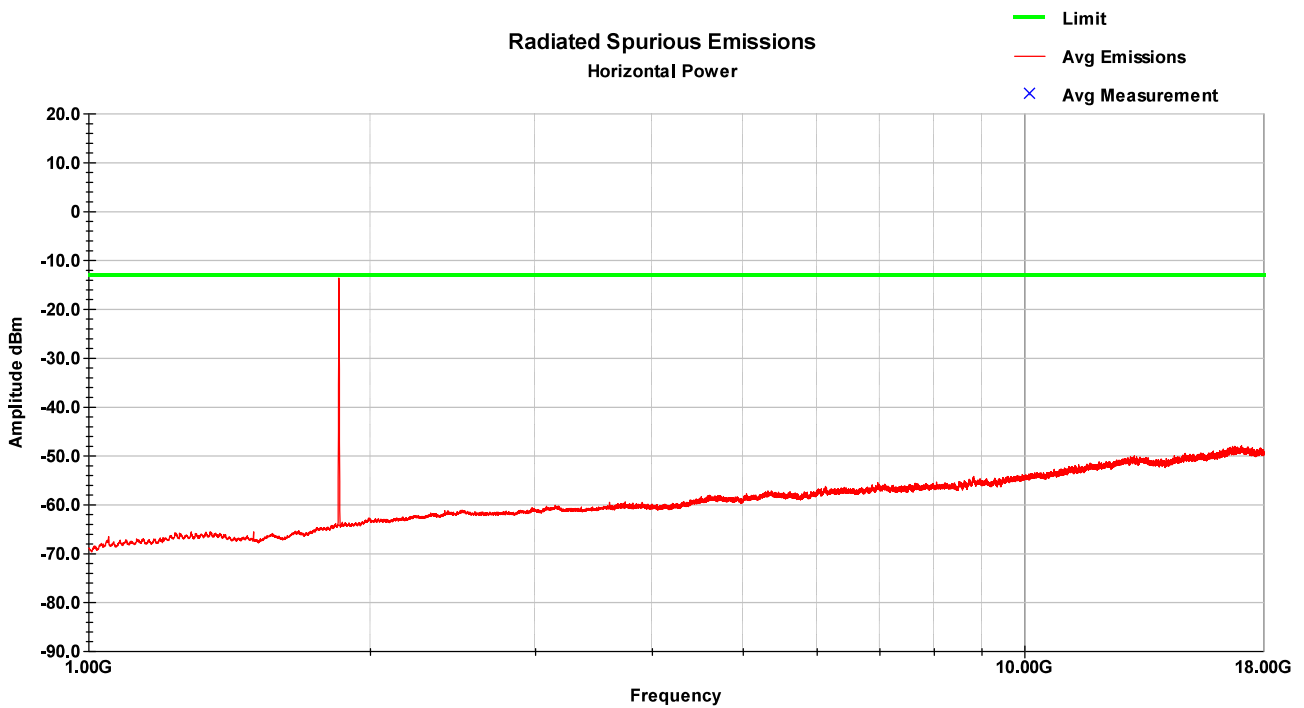
LTE Band 2 – LCH – 30-1000MHz – Horizontal



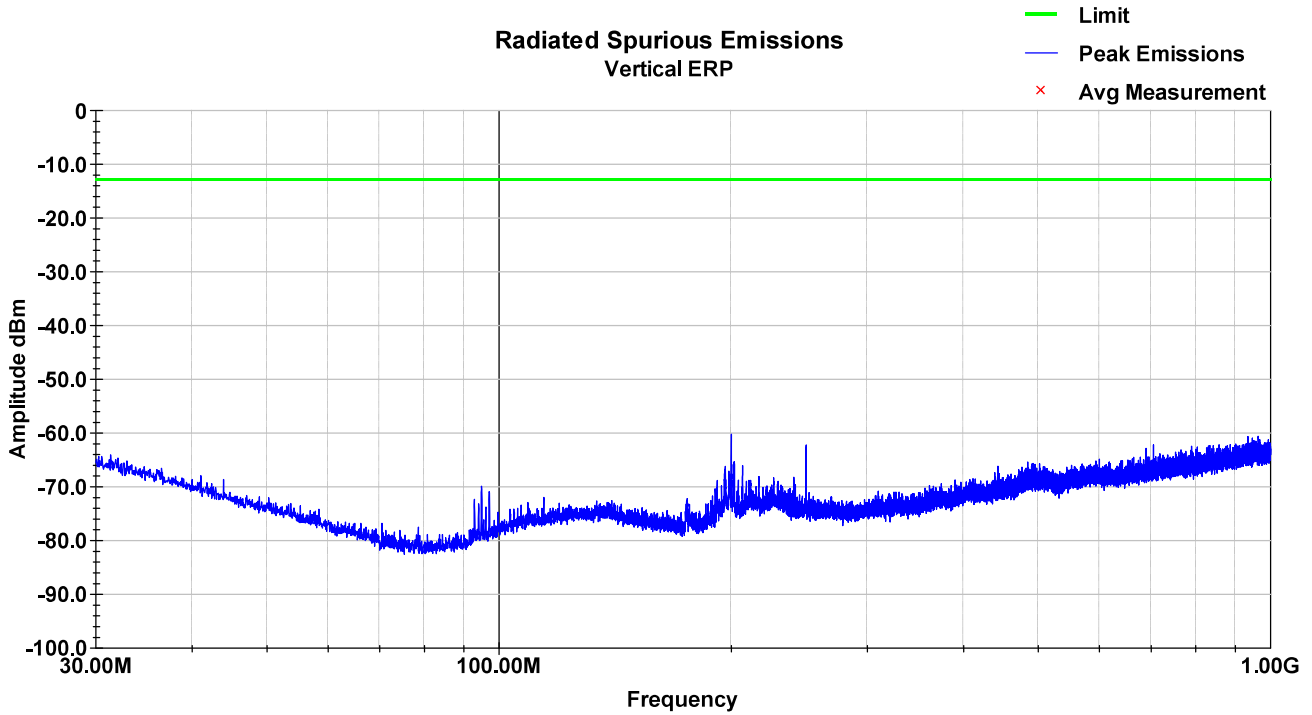
LTE Band 2 – LCH – 1-18GHz – Vertical



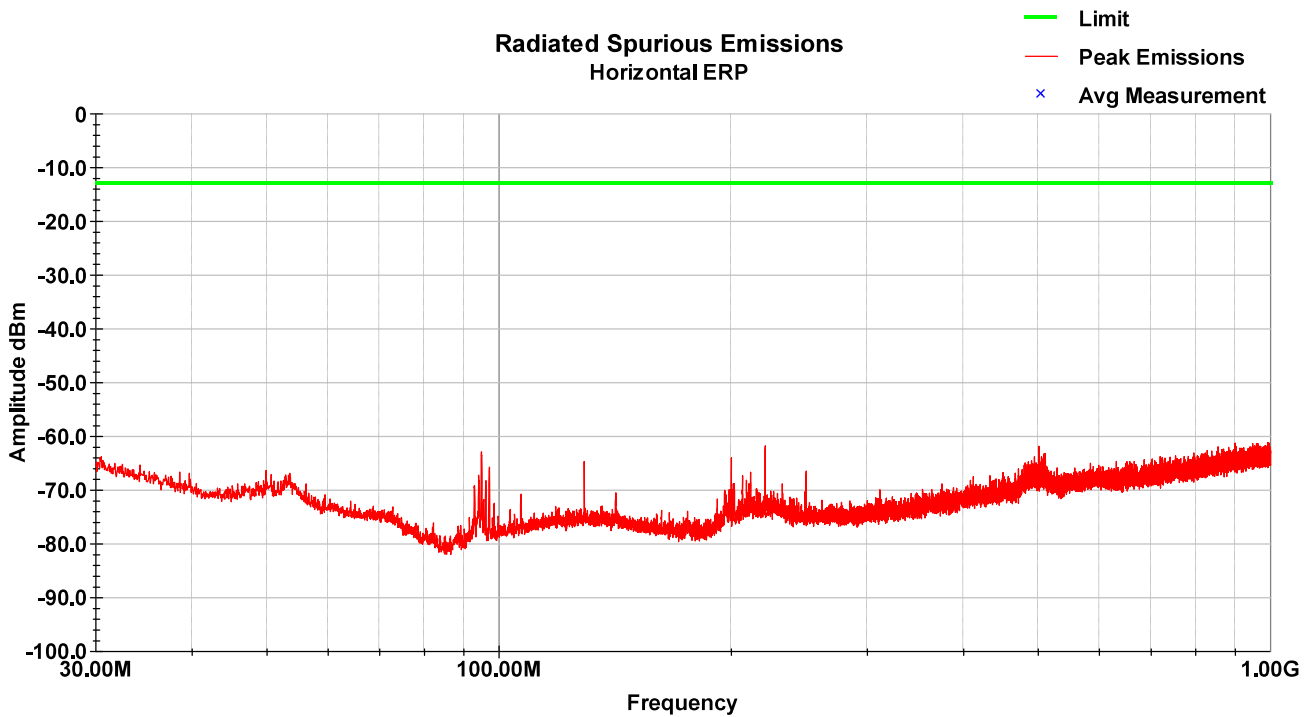
LTE Band 2 – LCH – 1-18GHz – Horizontal



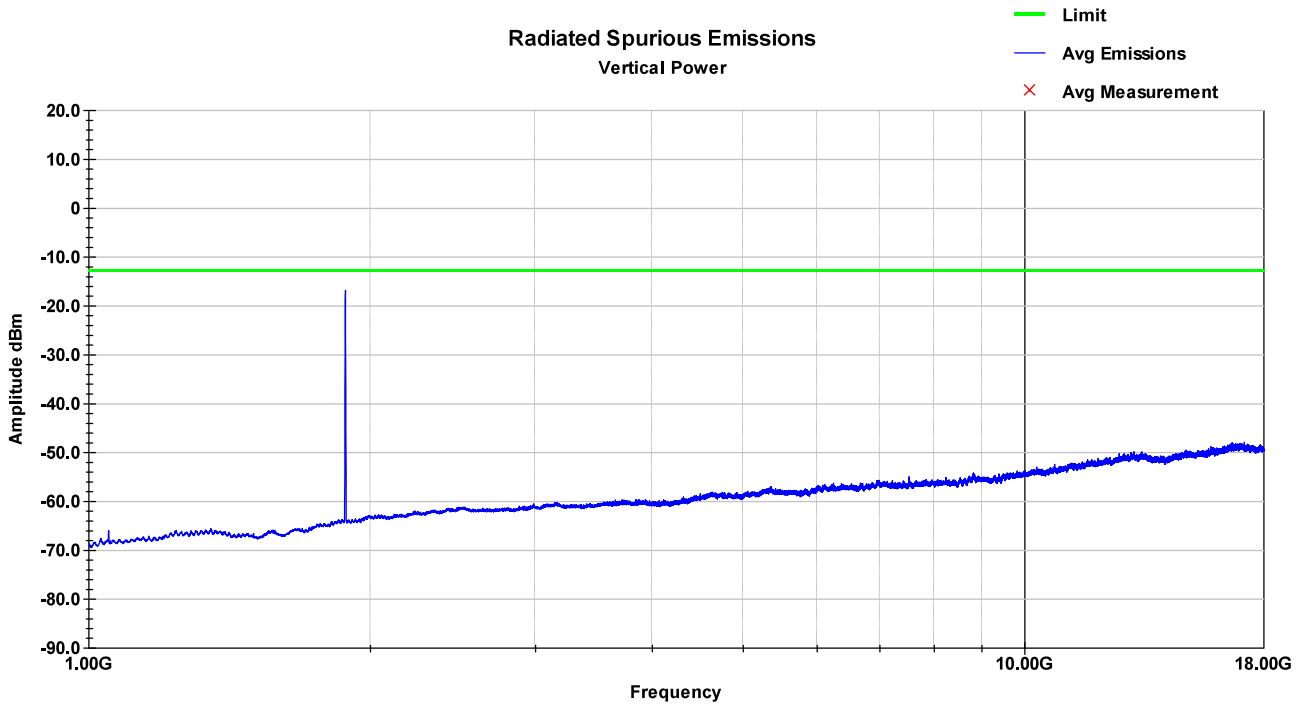
LTE Band 2 – MCH – 30-1000MHz – Vertical



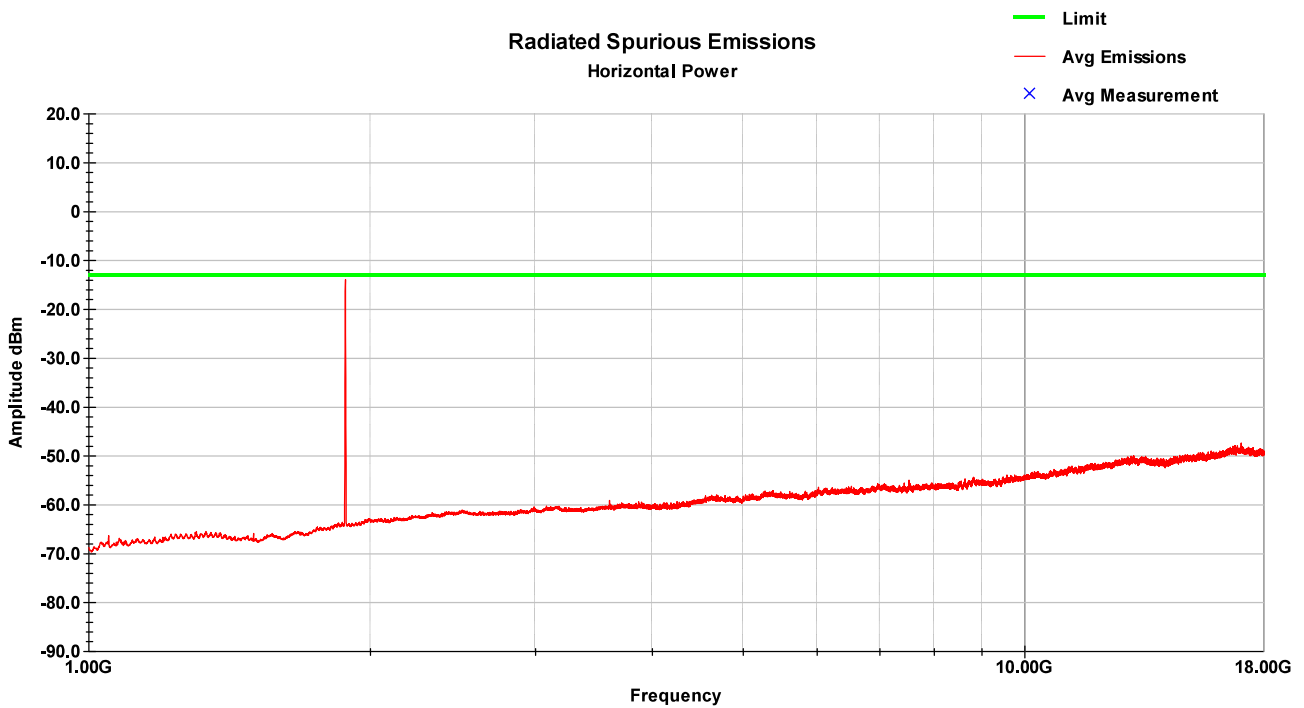
LTE Band 2 – MCH – 30-1000MHz – Horizontal



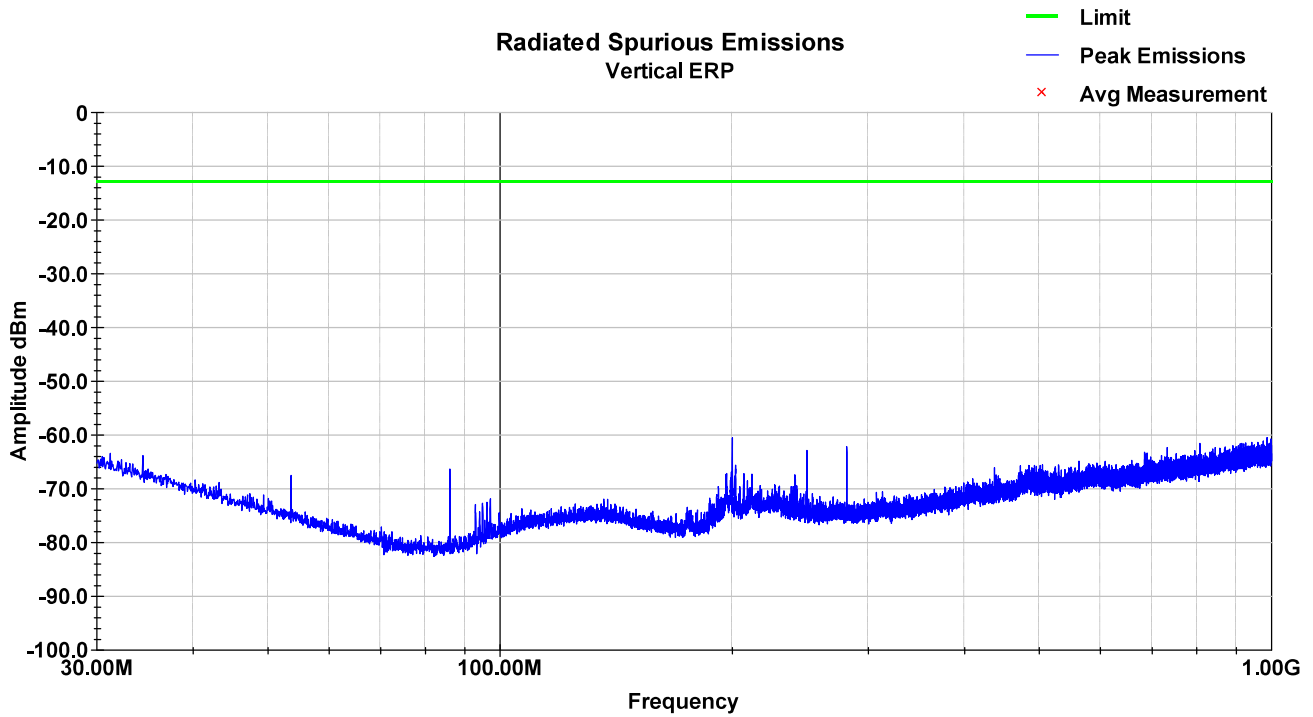
LTE Band 2 – MCH – 1-18GHz – Vertical



LTE Band 2 – MCH – 1-18GHz – Horizontal



LTE Band 2 – HCH – 30-1000MHz – Vertical



LTE Band 2 – HCH – 30-1000MHz – Horizontal

