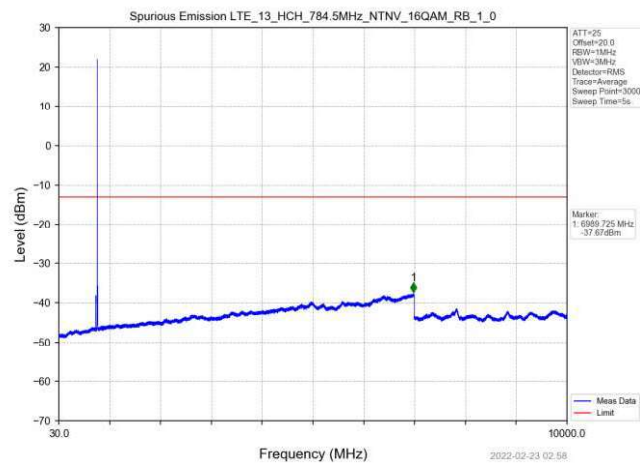
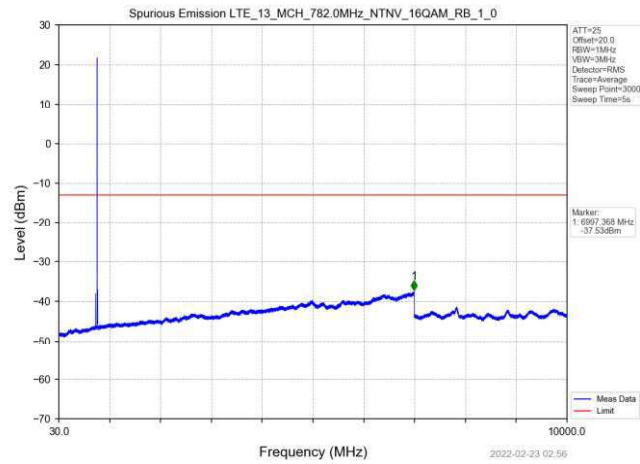
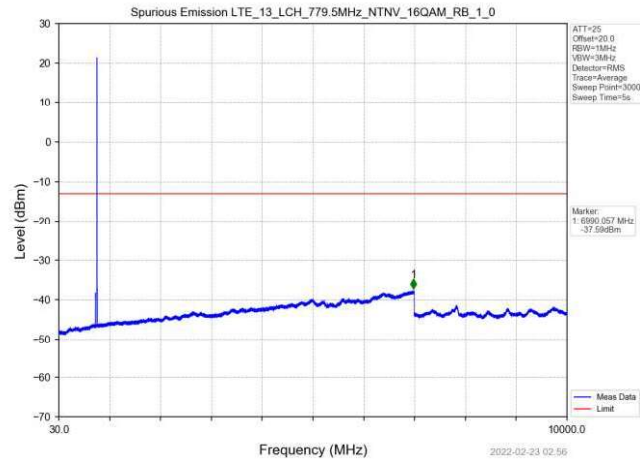
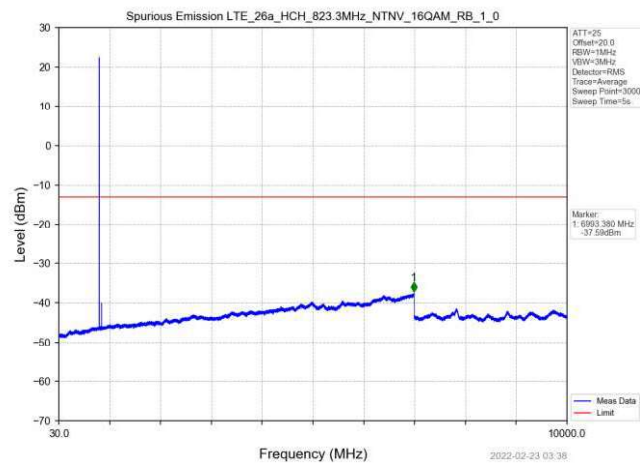
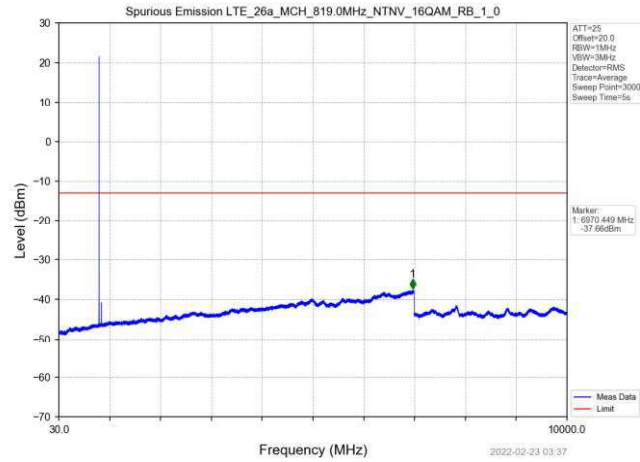
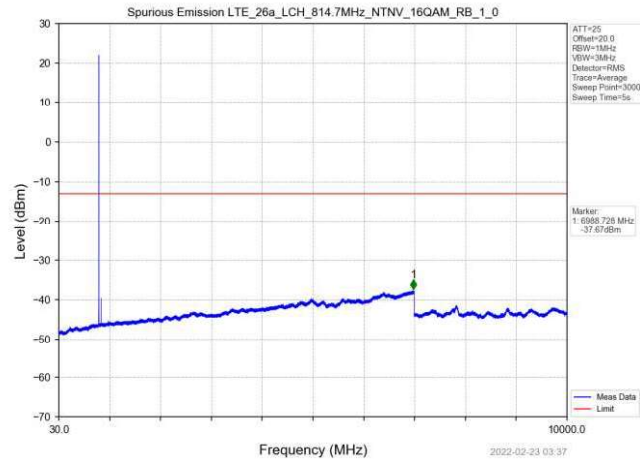


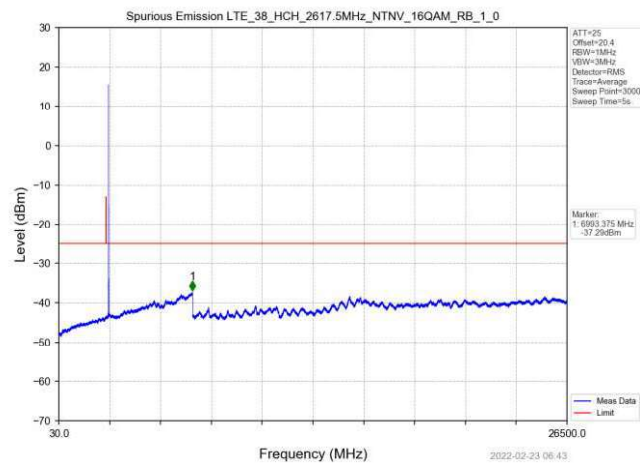
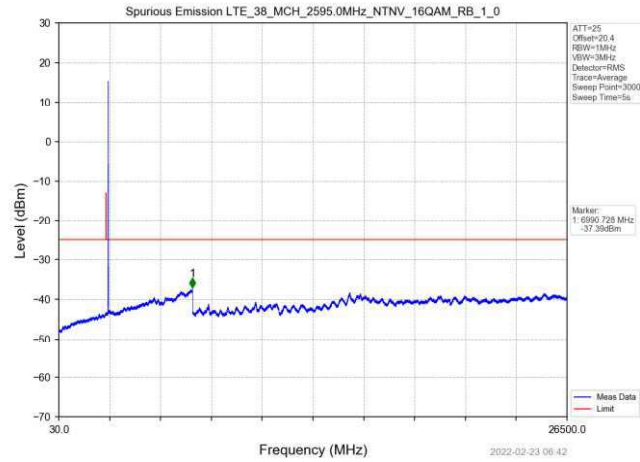
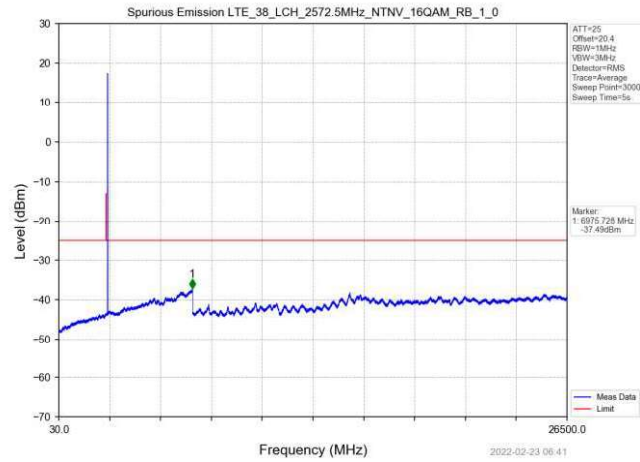
6.20 Test Data – Spurious Emission - LTE Band 13



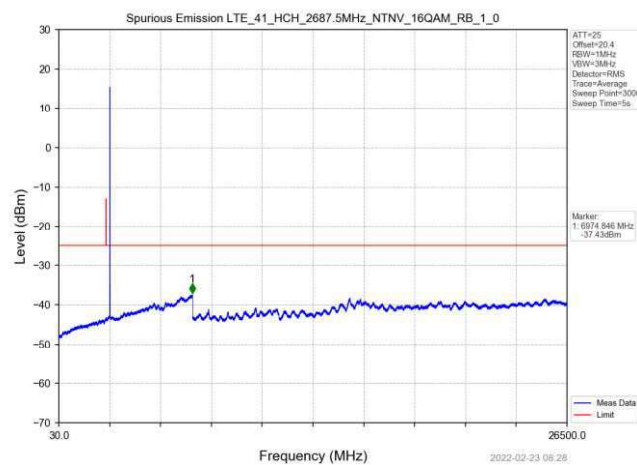
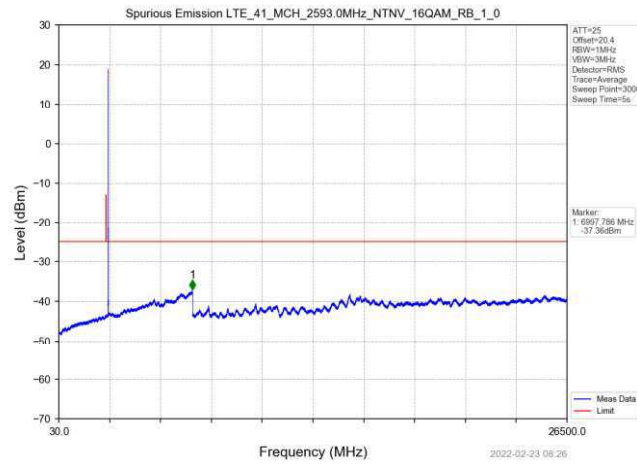
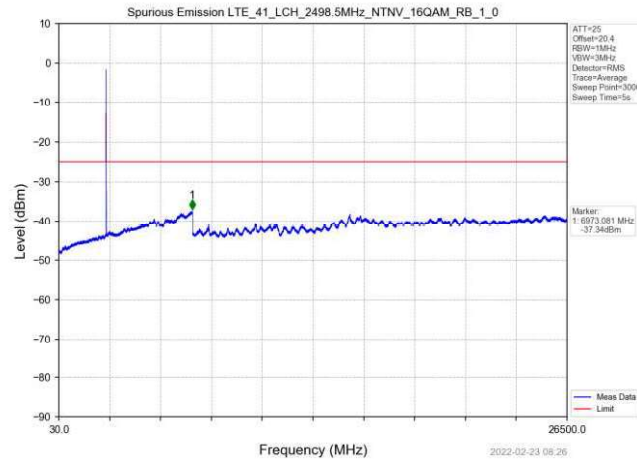
6.21 Test Data – Spurious Emission - LTE Band 26a



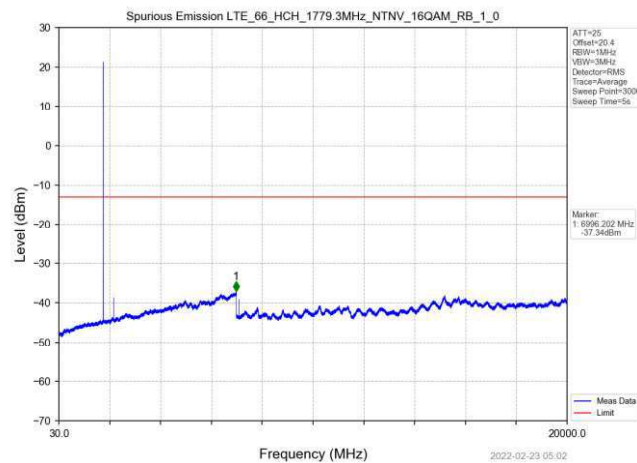
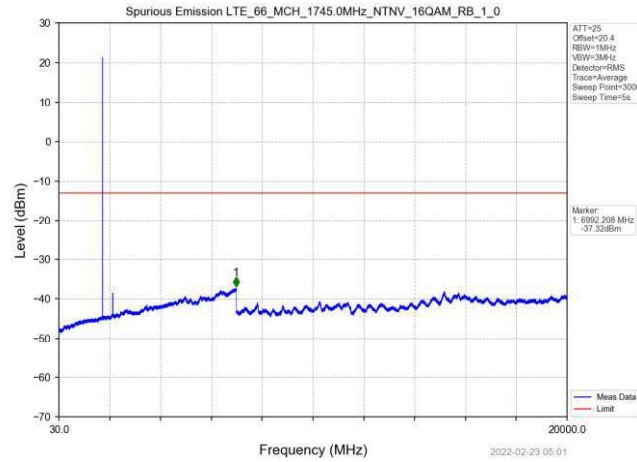
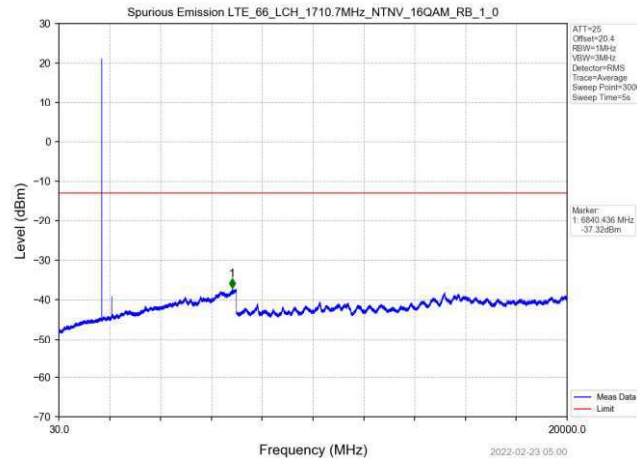
6.22 Test Data – Spurious Emission - LTE Band 38



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

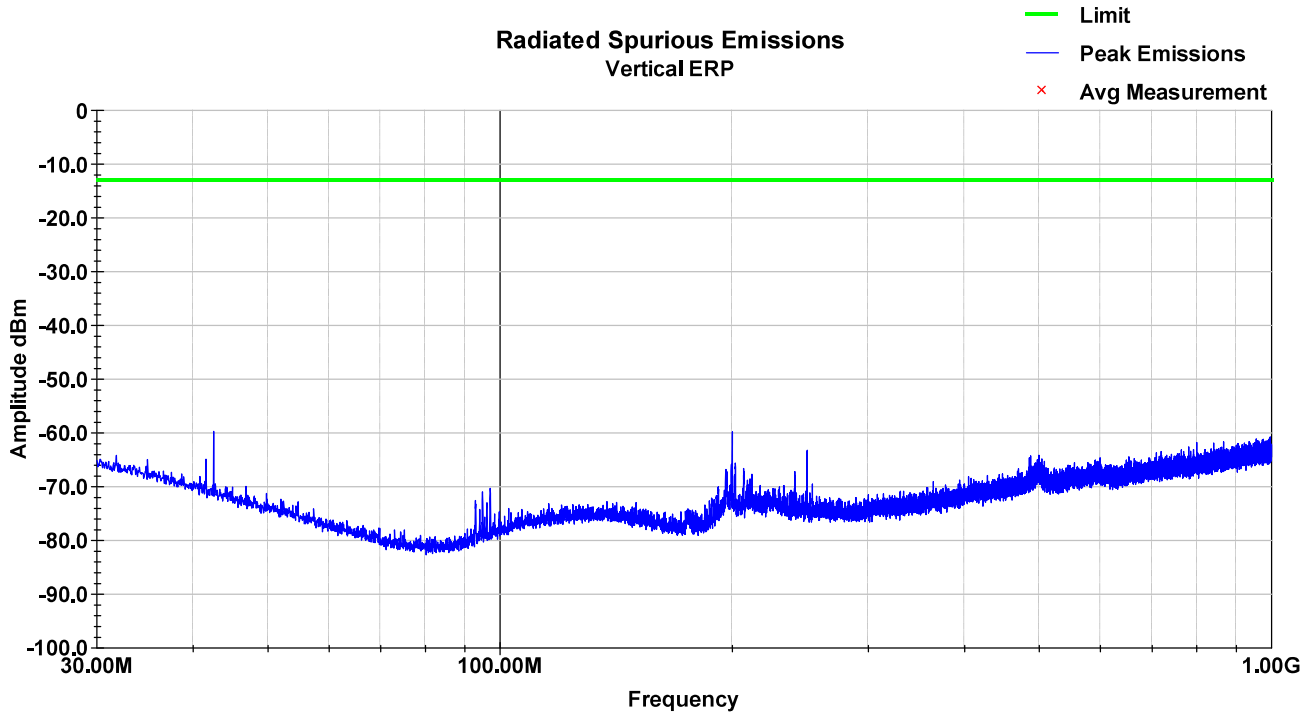
Software:

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

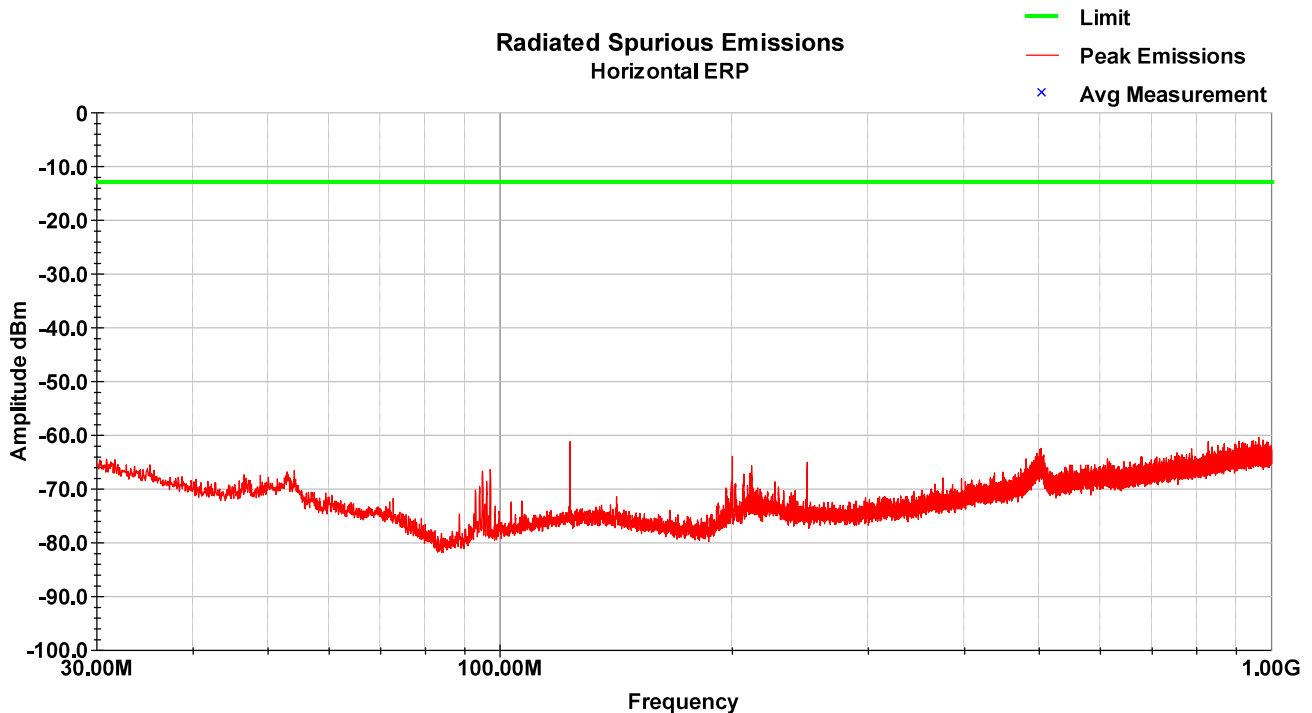
“RSE 1-18 GHz T7 210212” TILE! profile dated 02 February 2021

8.5 Test Data – LTE Band 2

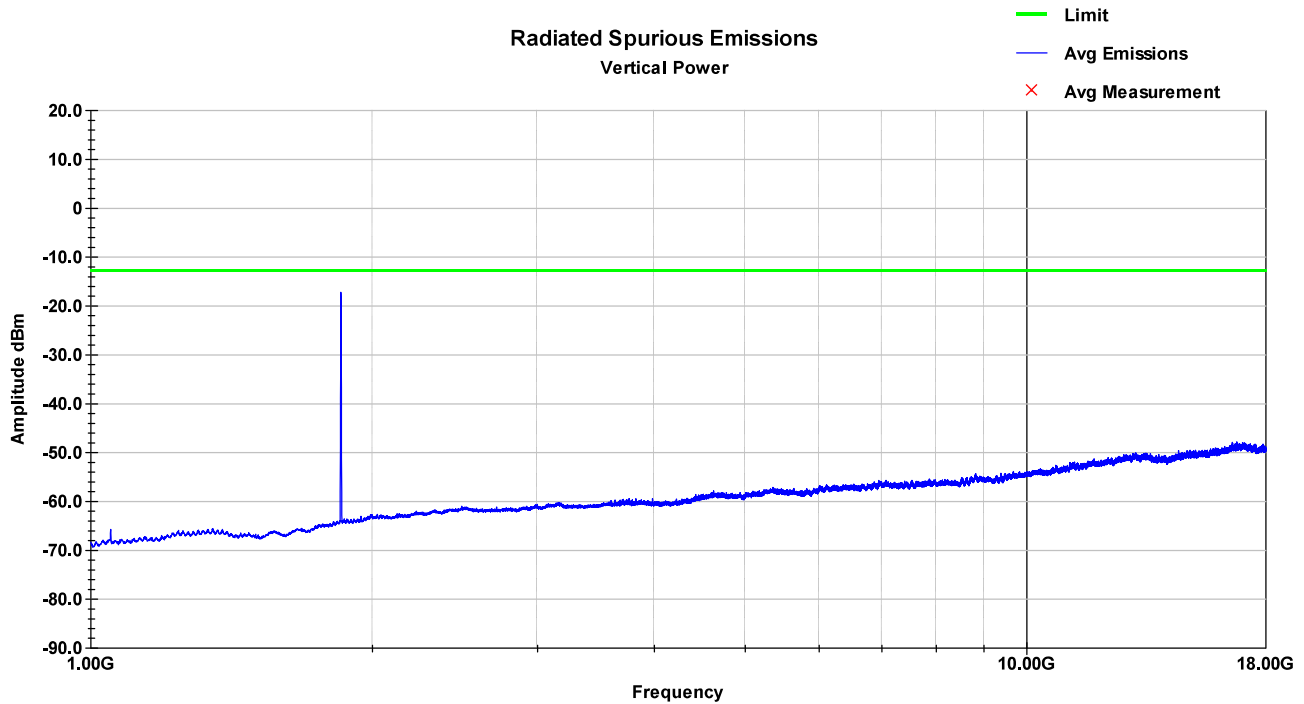
LTE Band 2 – LCH – 30-1000MHz – Vertical



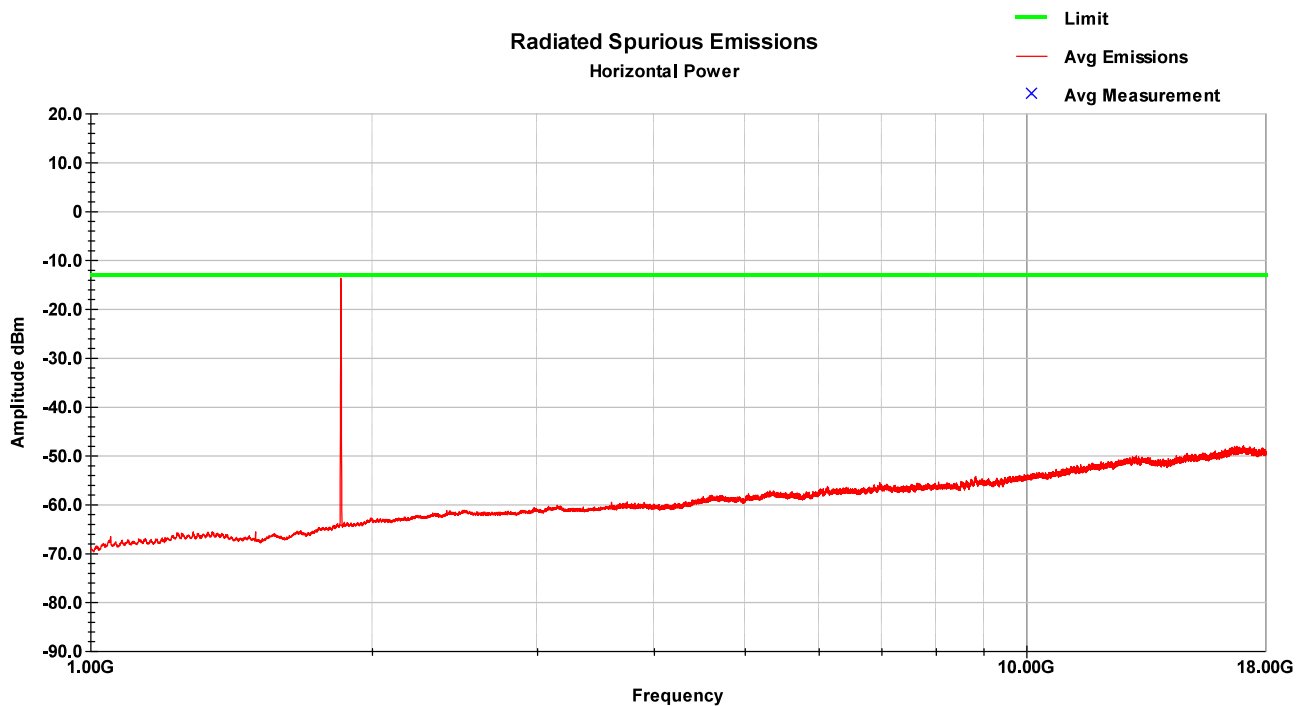
LTE Band 2 – LCH – 30-1000MHz – Horizontal



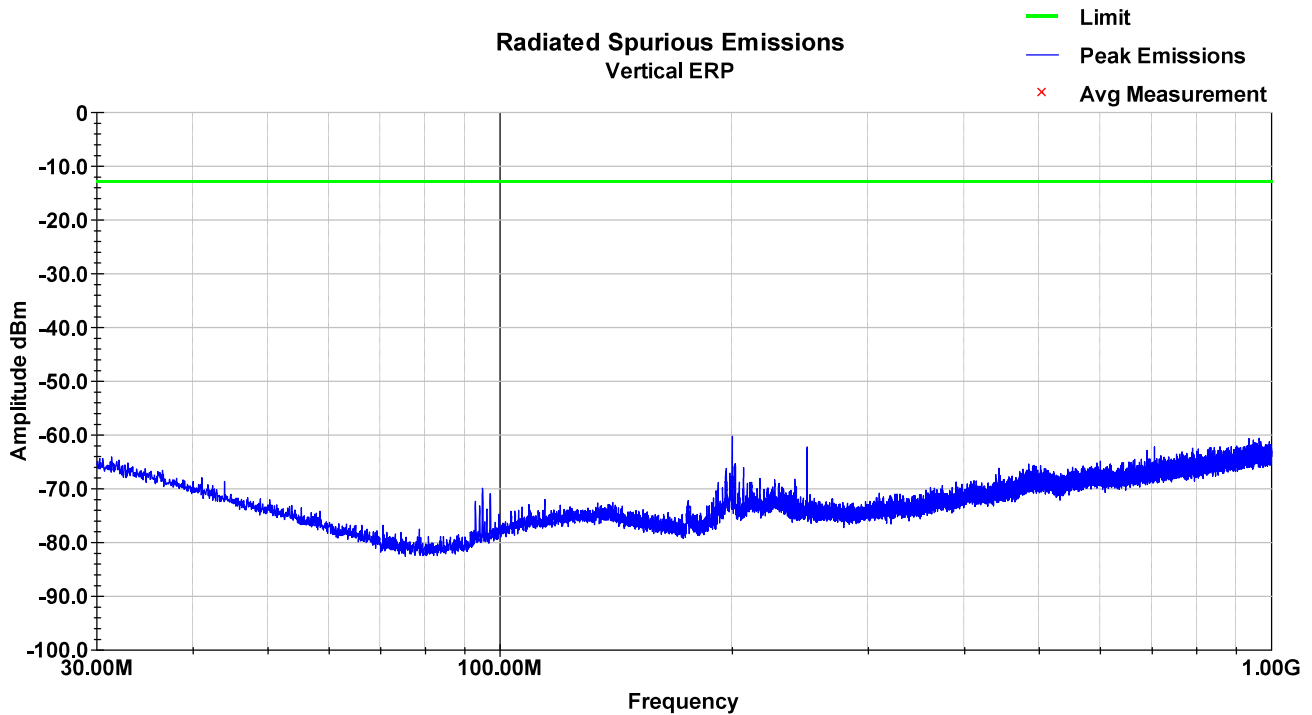
LTE Band 2 – LCH – 1-18GHz – Vertical



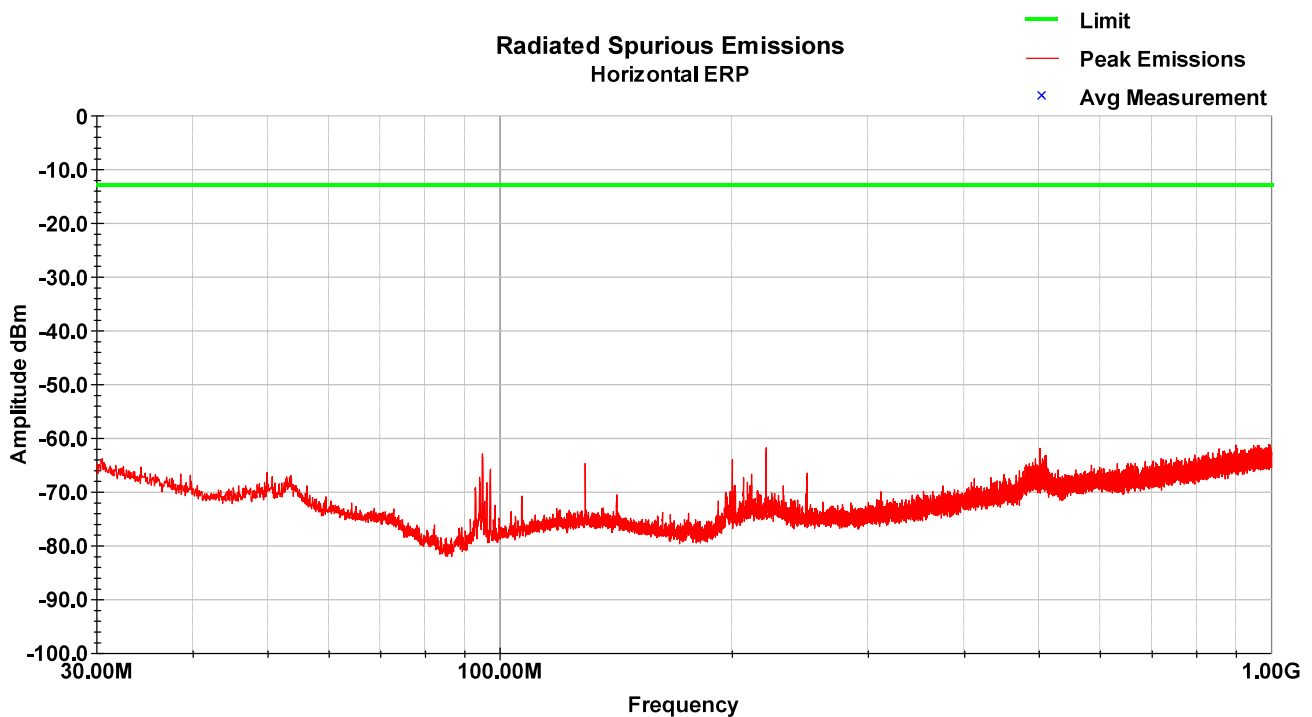
LTE Band 2 – LCH – 1-18GHz – Horizontal



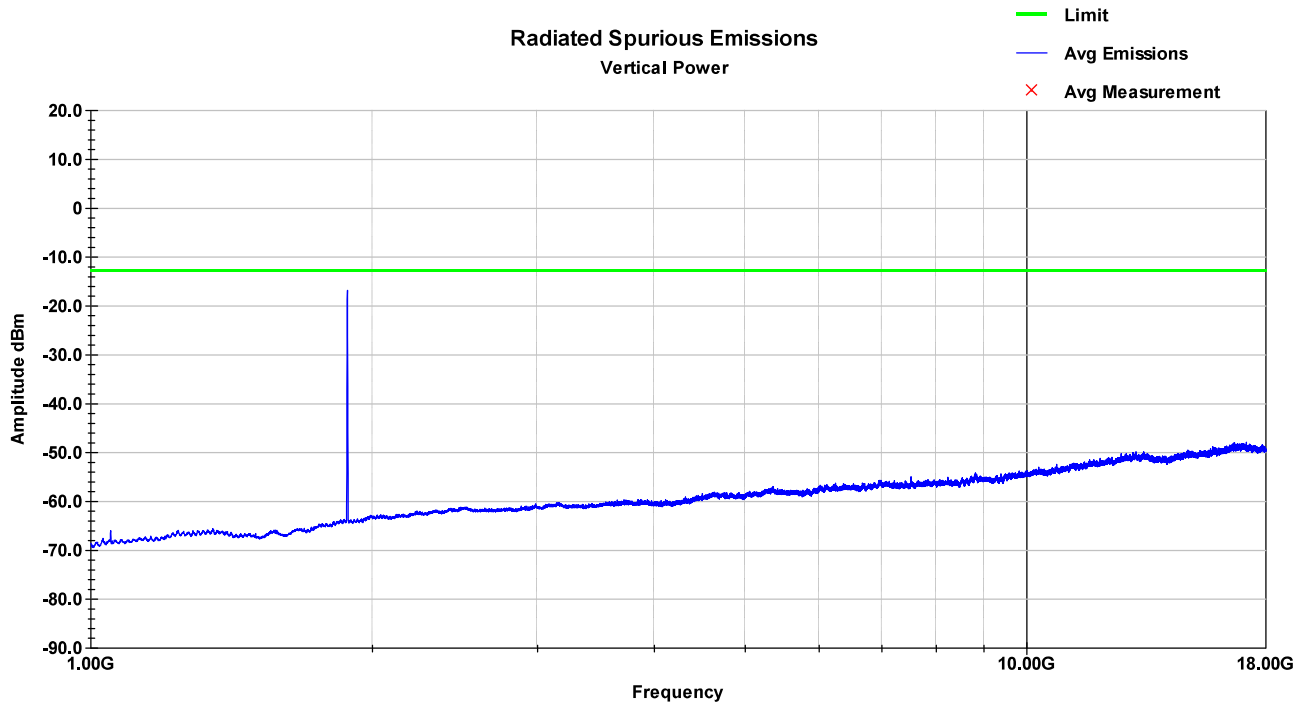
LTE Band 2 – MCH – 30-1000MHz – Vertical



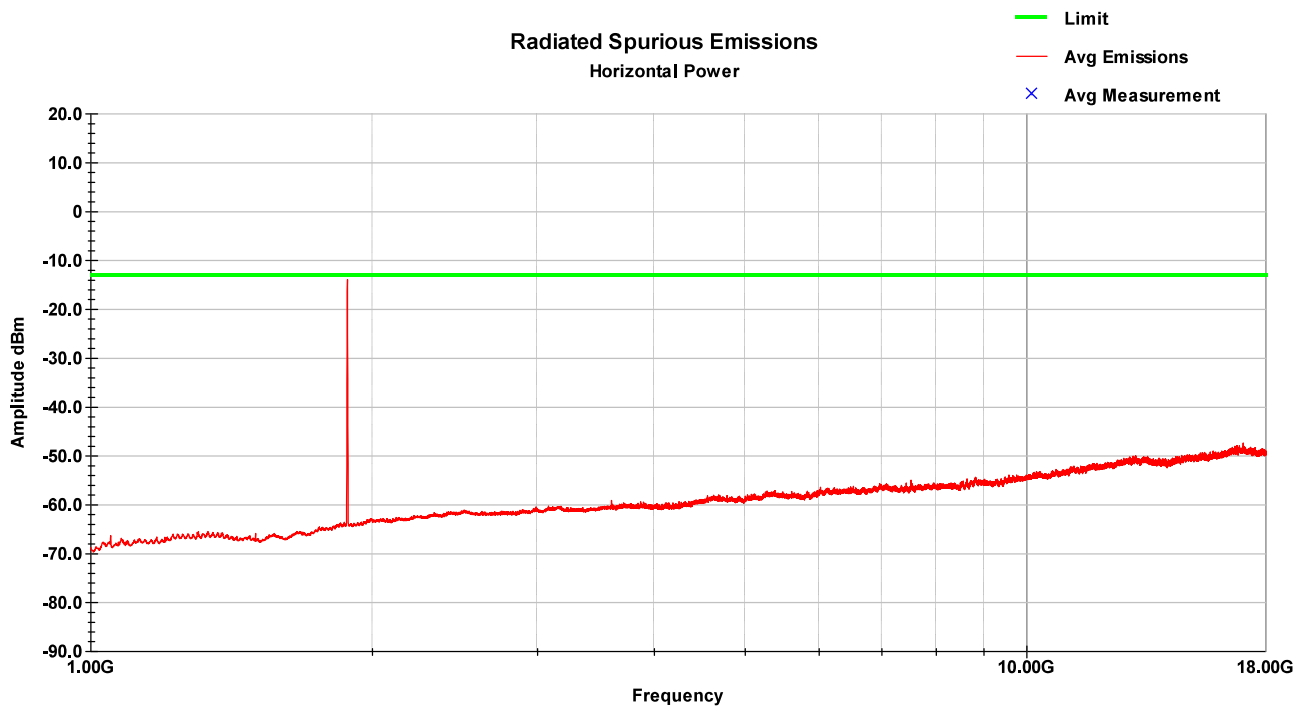
LTE Band 2 – MCH – 30-1000MHz – Horizontal



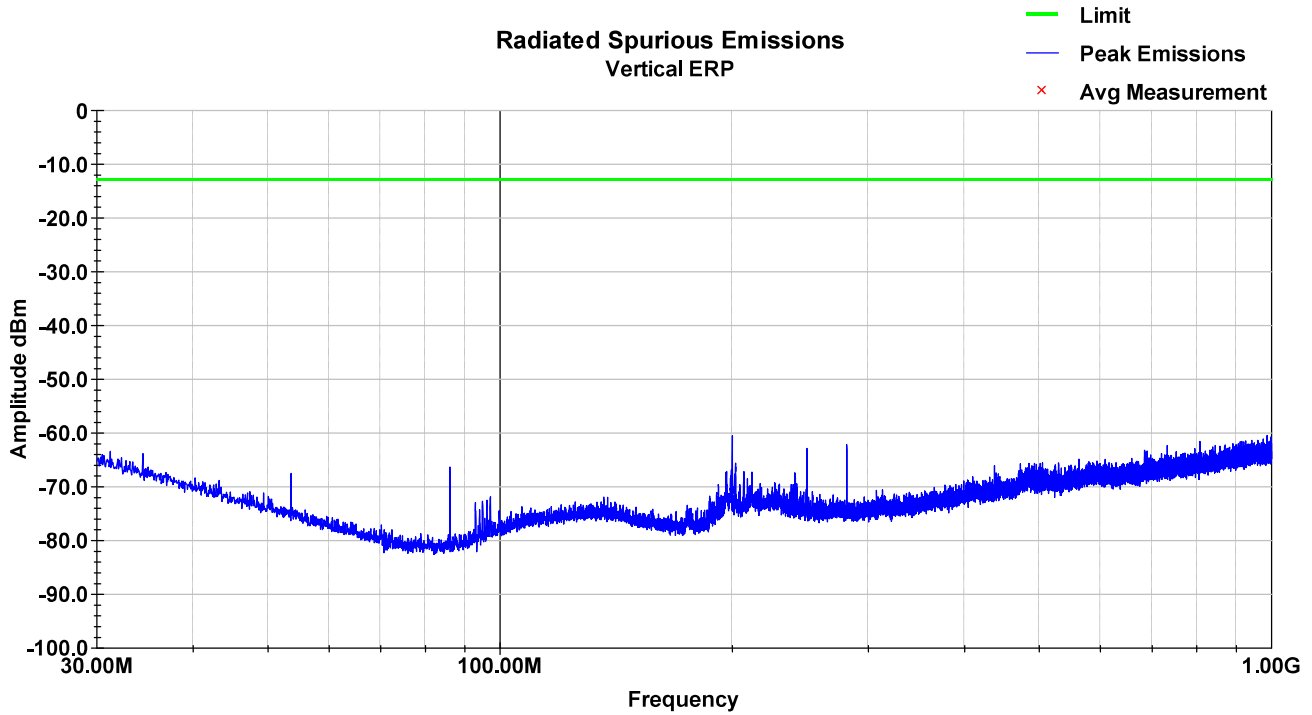
LTE Band 2 – MCH – 1-18GHz – Vertical



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



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



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

