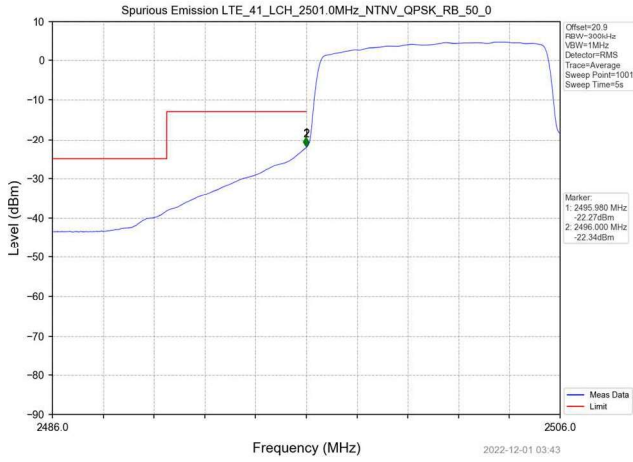
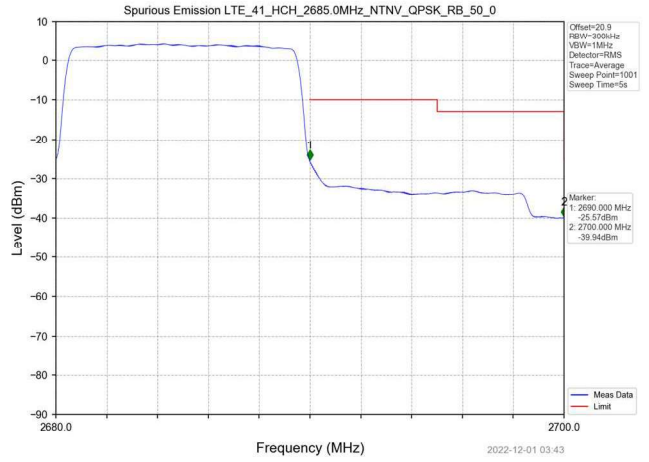


Lower Band Edge (QPSK)

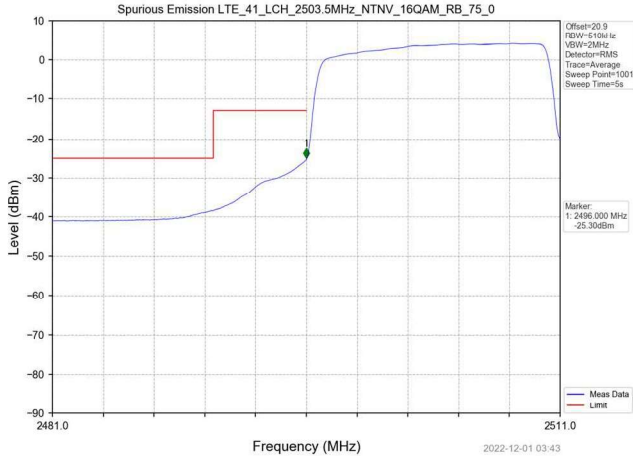


Upper Band Edge (QPSK)

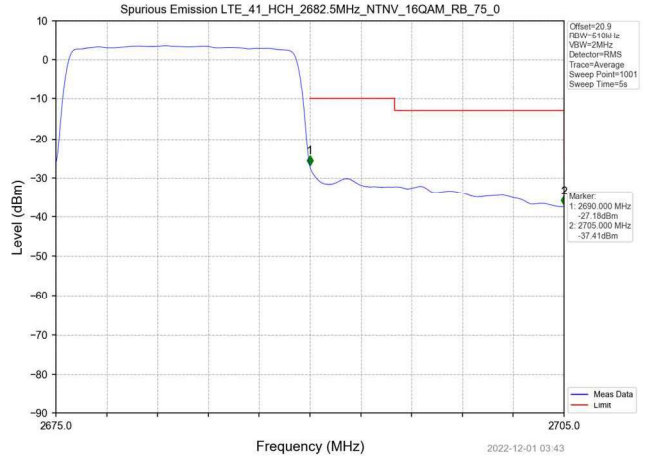


15 MHz Cell Bandwidth

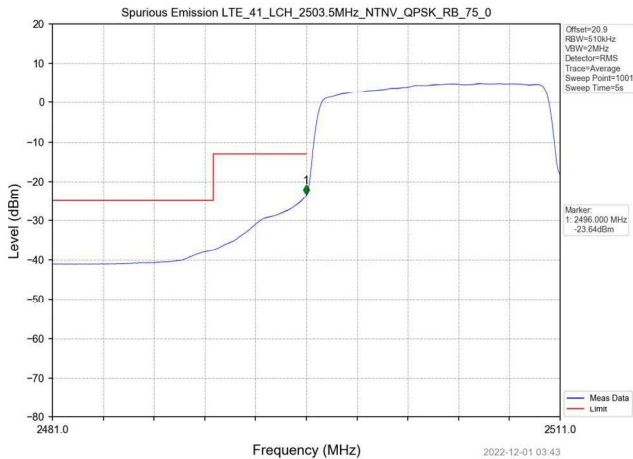
Lower Band Edge (16-QAM)



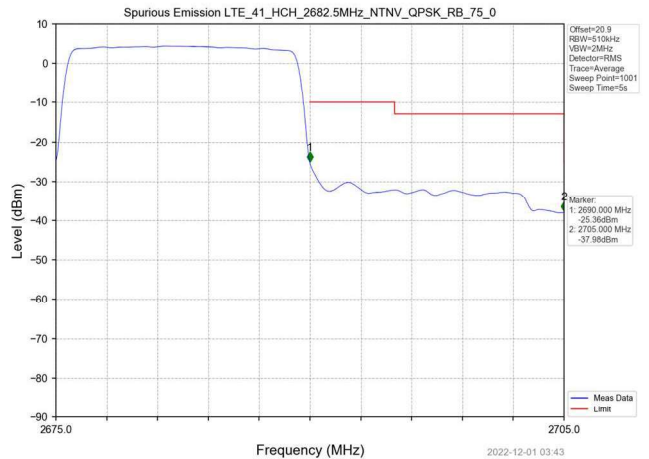
Upper Band Edge (16-QAM)



Lower Band Edge (QPSK)

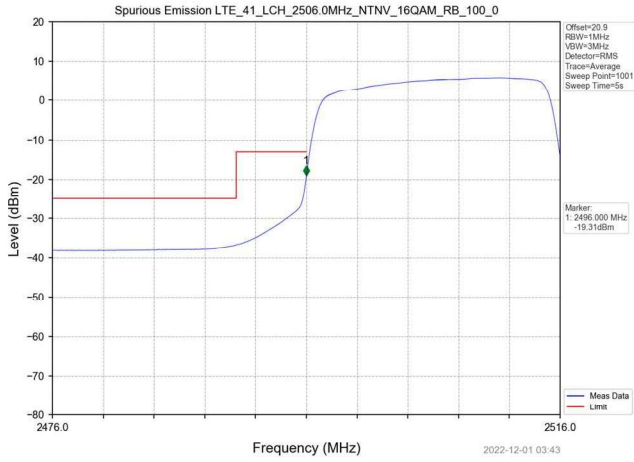


Upper Band Edge (QPSK)

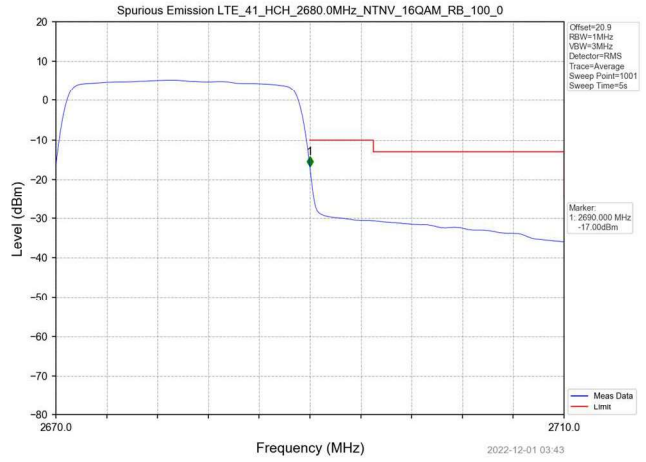


20 MHz Cell Bandwidth

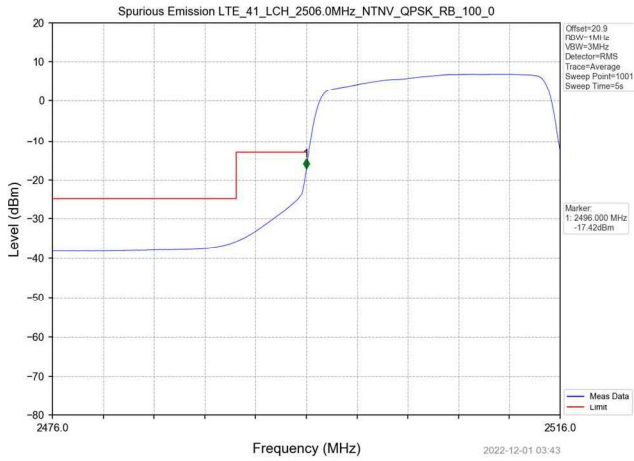
Lower Band Edge (16-QAM)



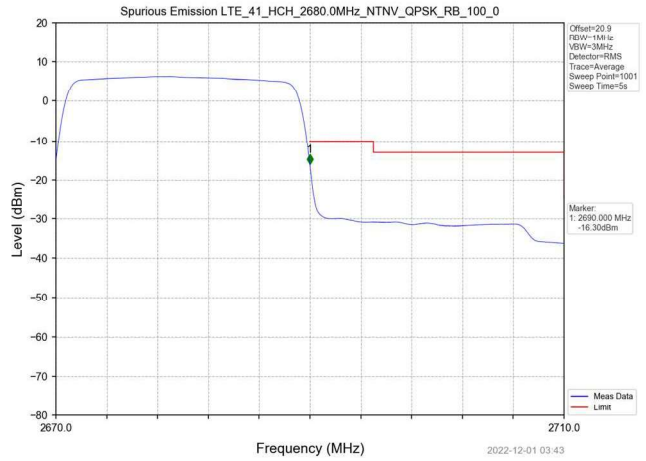
Upper Band Edge (16-QAM)



Lower Band Edge (QPSK)



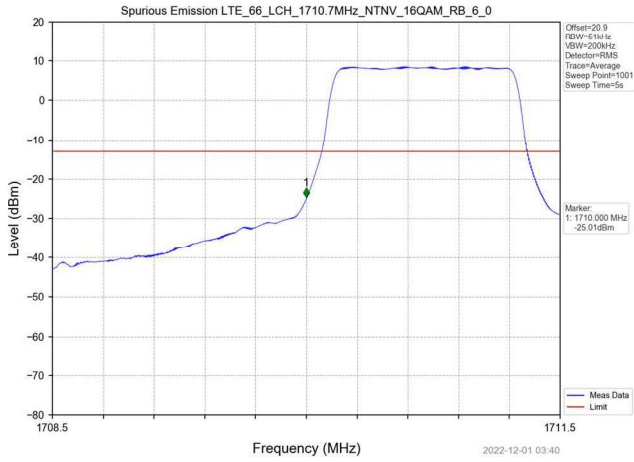
Upper Band Edge (QPSK)



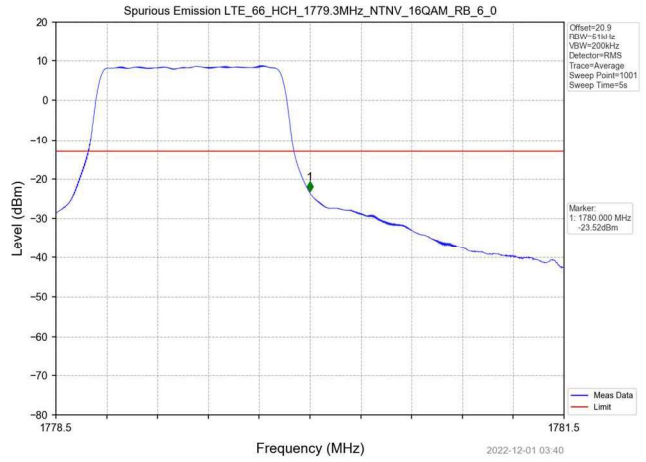
6.14 Test Data - Band Edge – LTE Band 66

1.4 MHz Cell Bandwidth

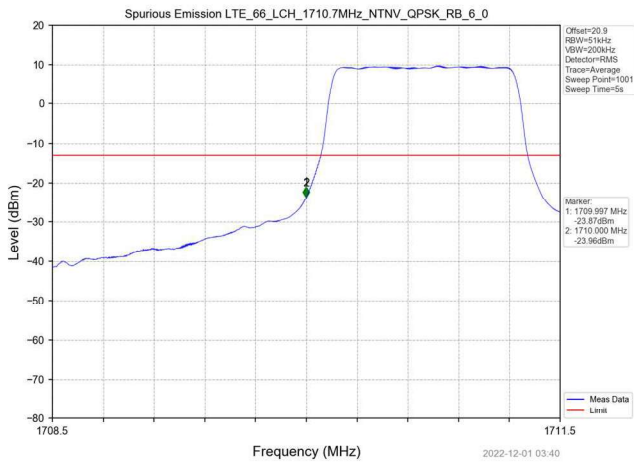
Lower Band Edge (16-QAM)



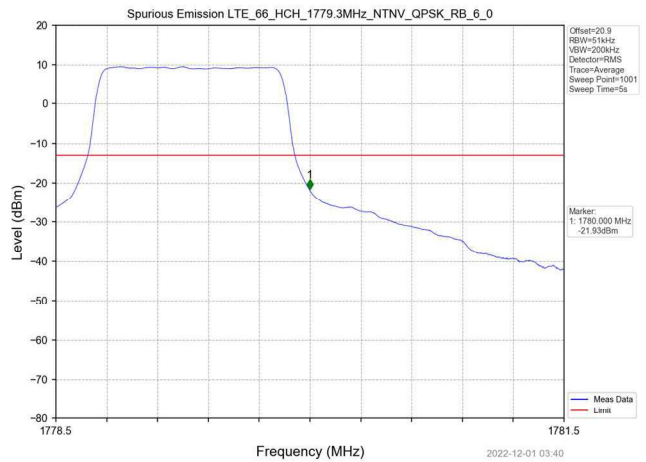
Upper Band Edge (16-QAM)



Lower Band Edge (QPSK)

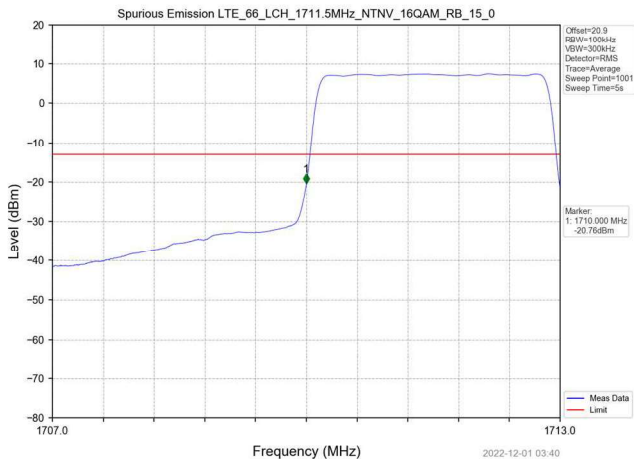


Upper Band Edge (QPSK)

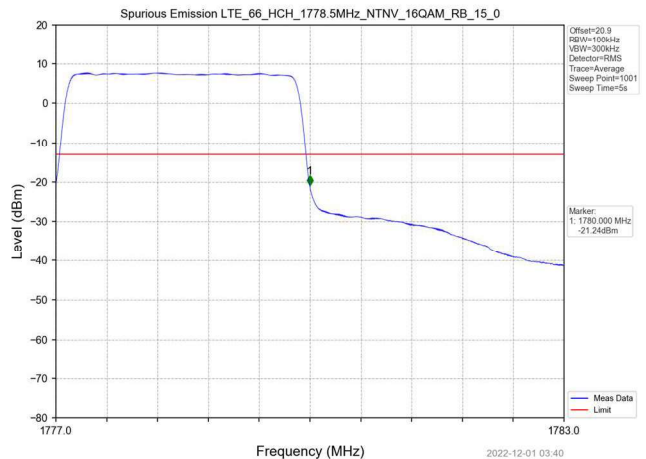


3 MHz Cell Bandwidth

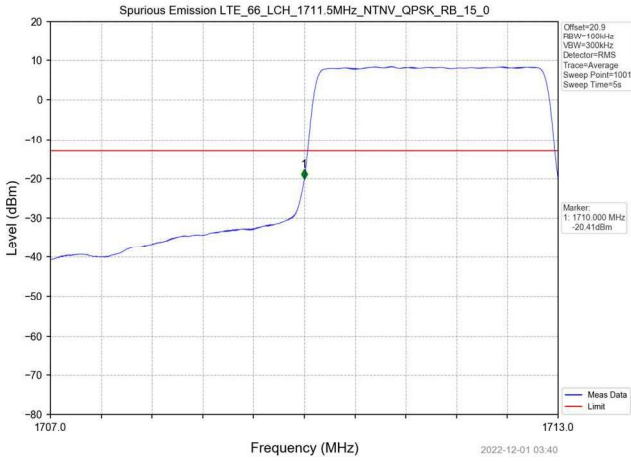
Lower Band Edge (16-QAM)



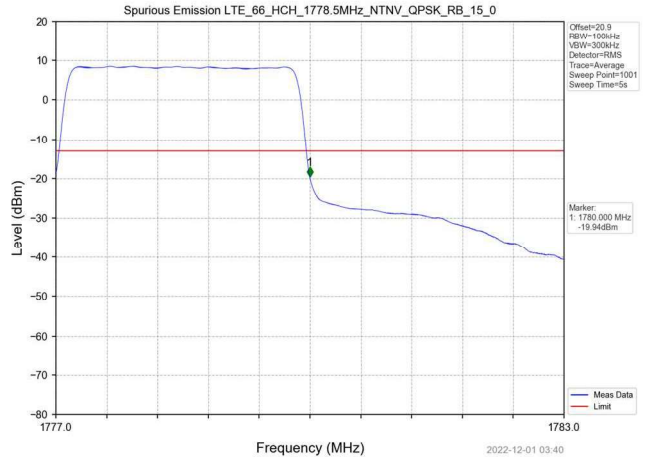
Upper Band Edge (16-QAM)



Lower Band Edge (QPSK)

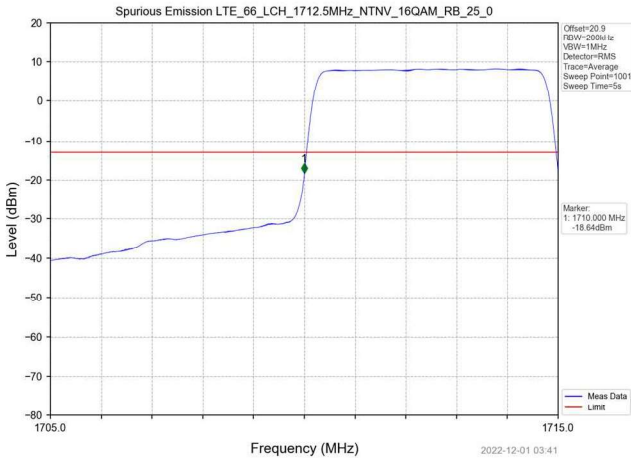


Upper Band Edge (QPSK)

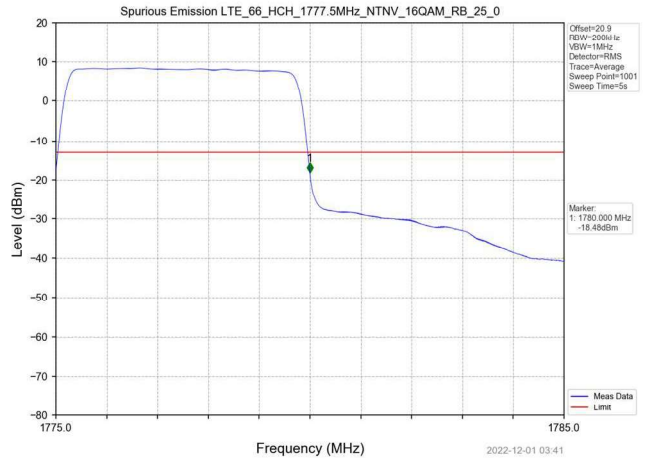


5 MHz Cell Bandwidth

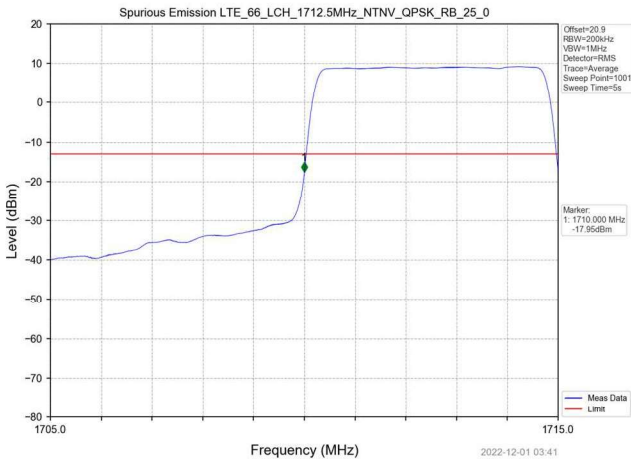
Lower Band Edge (16-QAM)



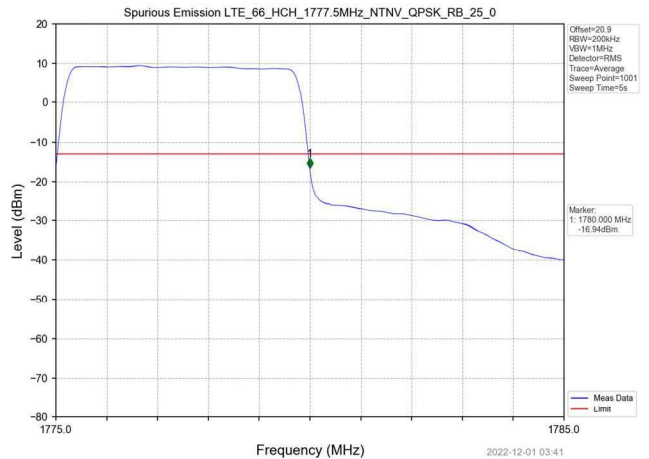
Upper Band Edge (16-QAM)



Lower Band Edge (QPSK)

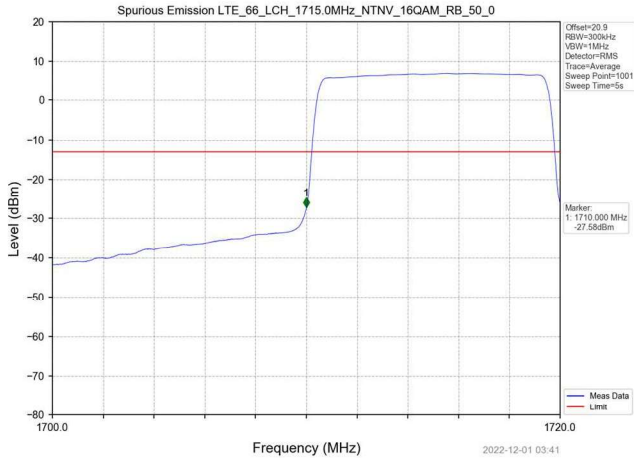


Upper Band Edge (QPSK)

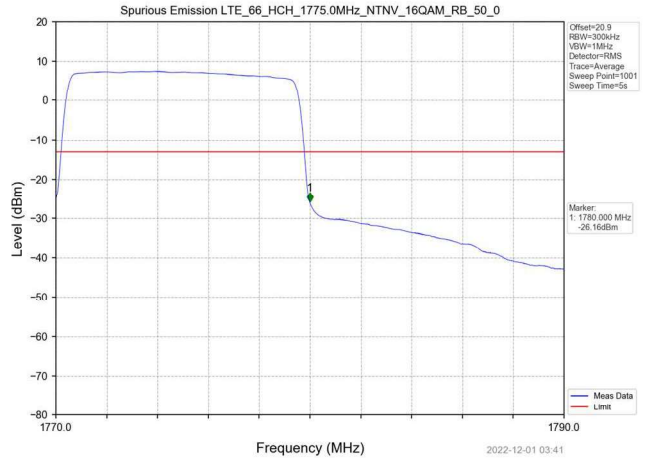


10 MHz Cell Bandwidth

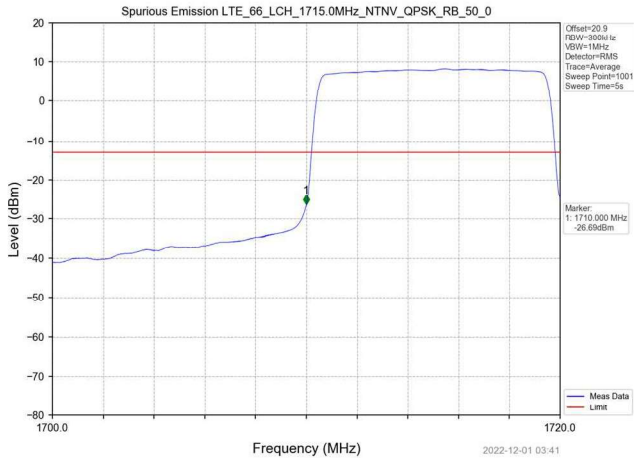
Lower Band Edge (16-QAM)



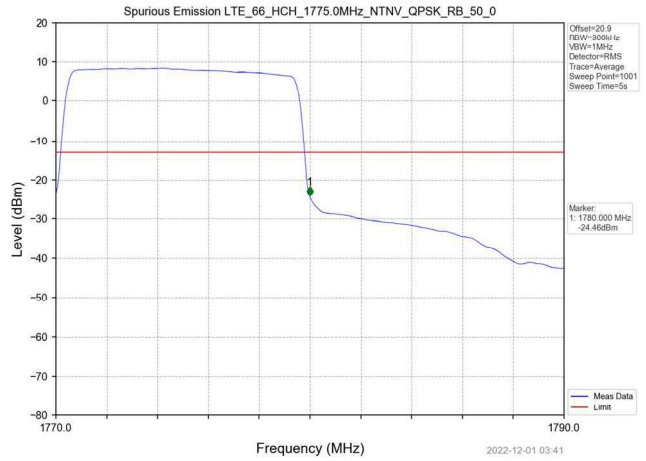
Upper Band Edge (16-QAM)



Lower Band Edge (QPSK)

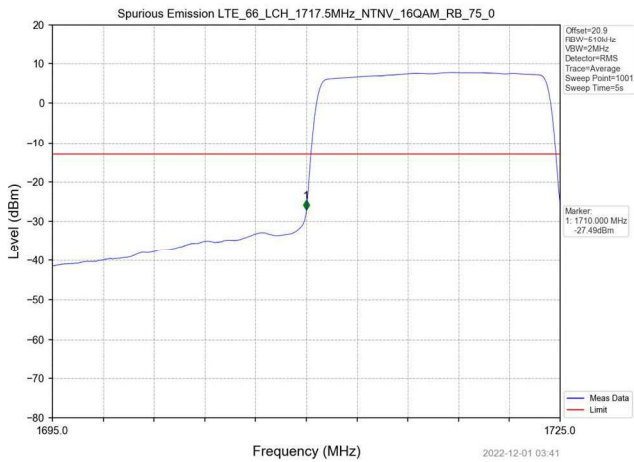


Upper Band Edge (QPSK)

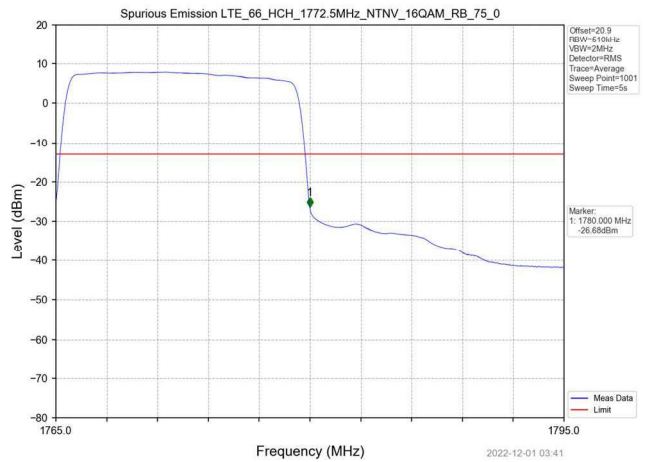


15 MHz Cell Bandwidth

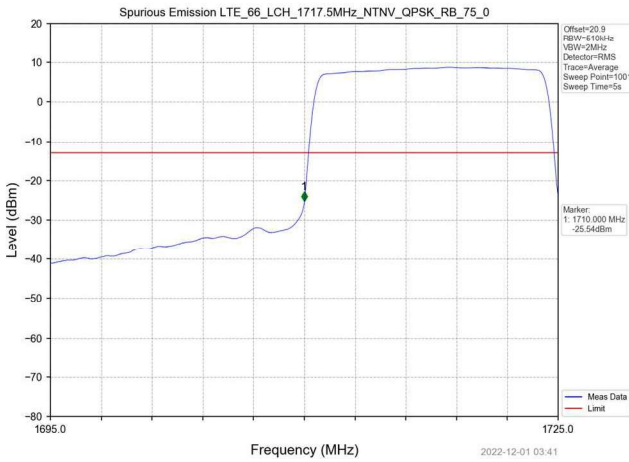
Lower Band Edge (16-QAM)



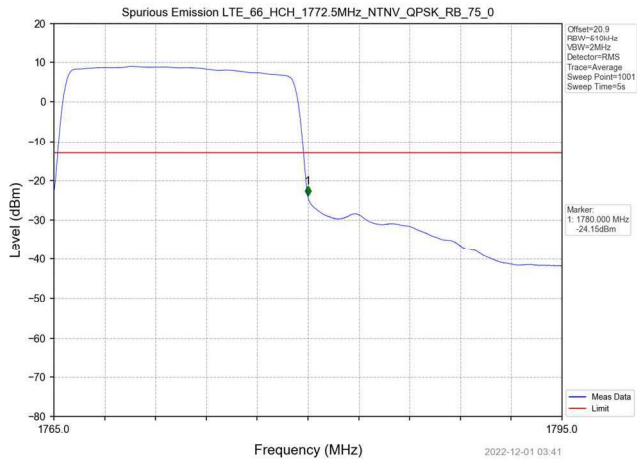
Upper Band Edge (16-QAM)



Lower Band Edge (QPSK)

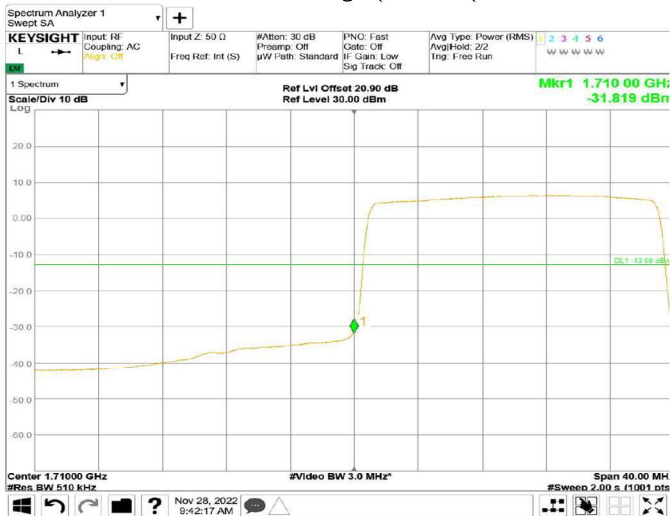


Upper Band Edge (QPSK)



20 MHz Cell Bandwidth

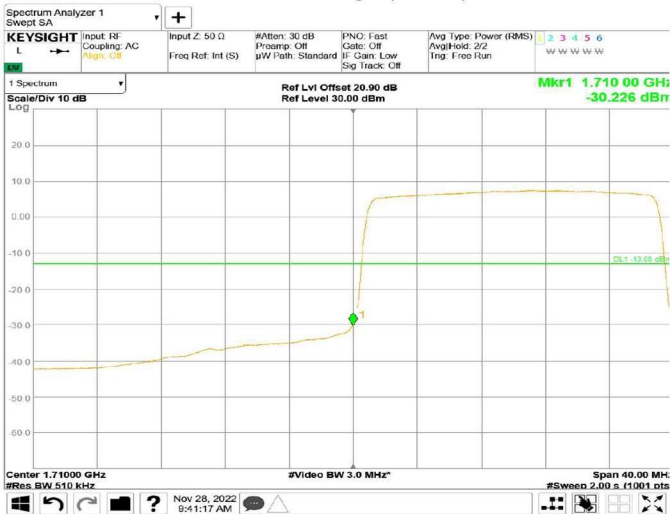
Lower Band Edge (16-QAM)



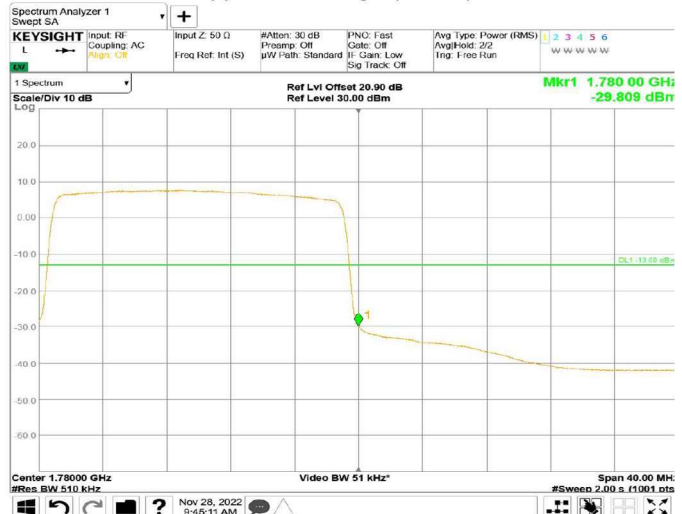
Upper Band Edge (16-QAM)



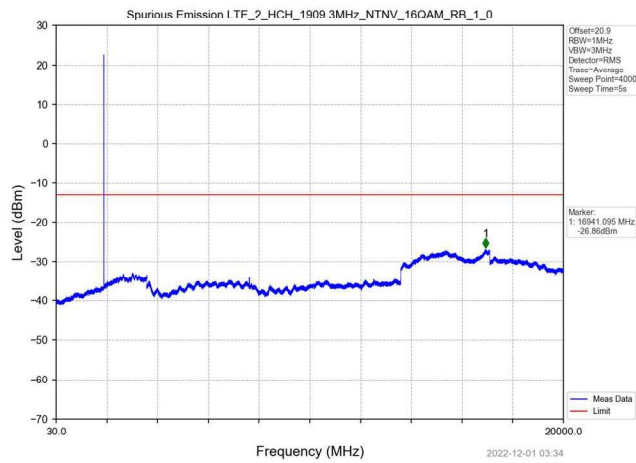
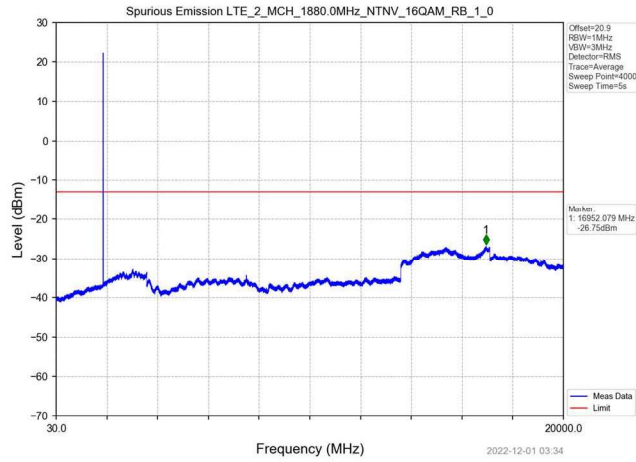
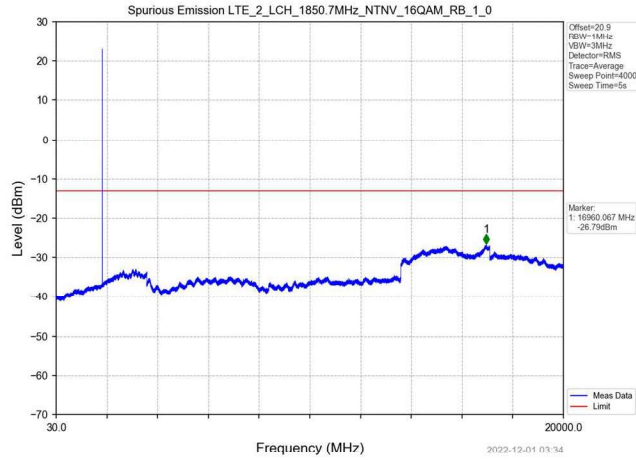
Lower Band Edge (QPSK)



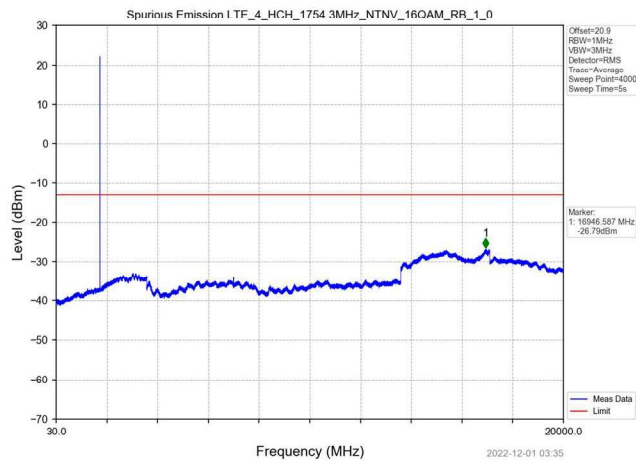
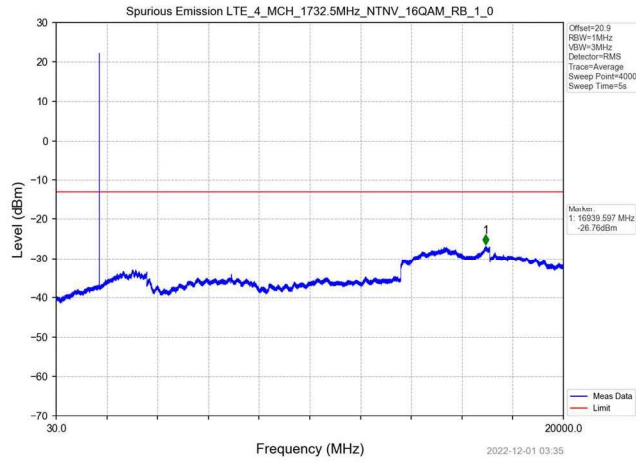
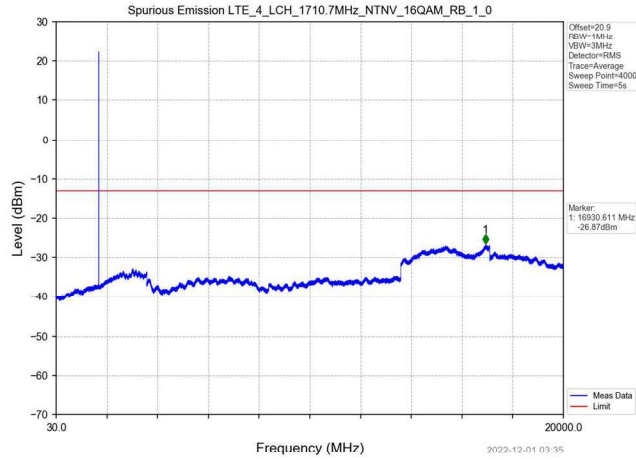
Upper Band Edge (QPSK)



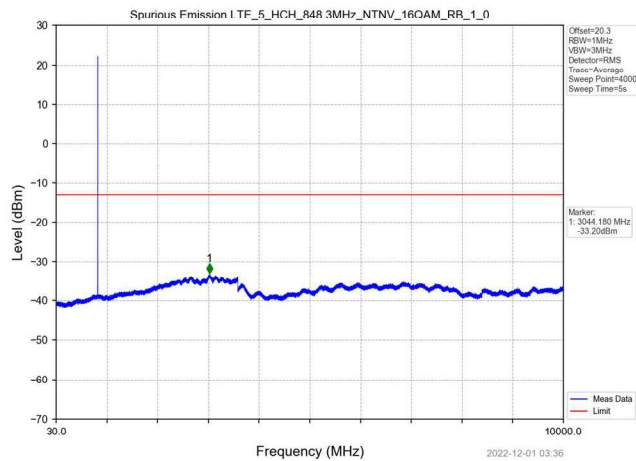
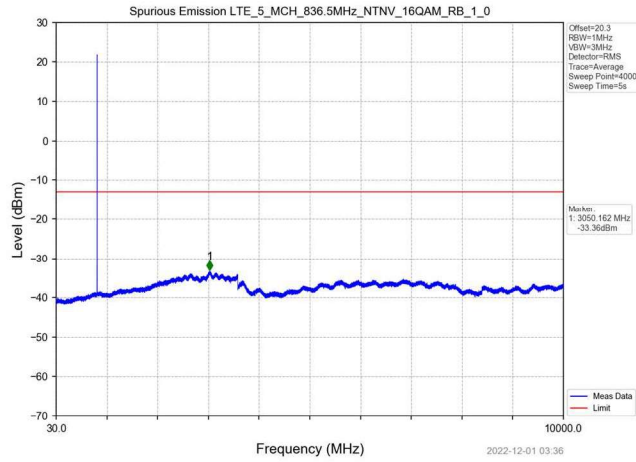
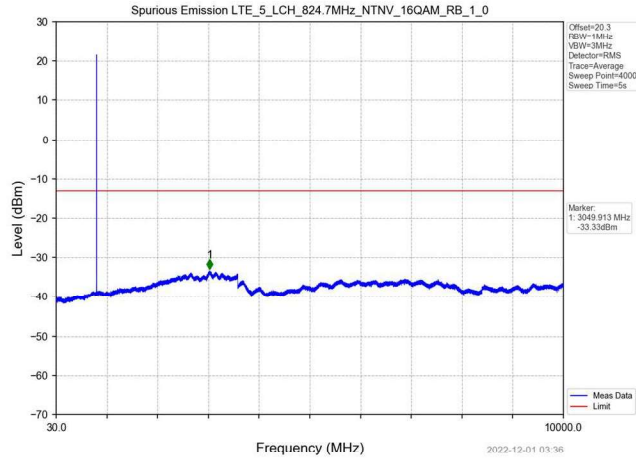
6.15 Test Data – Spurious Emission - LTE Band 2



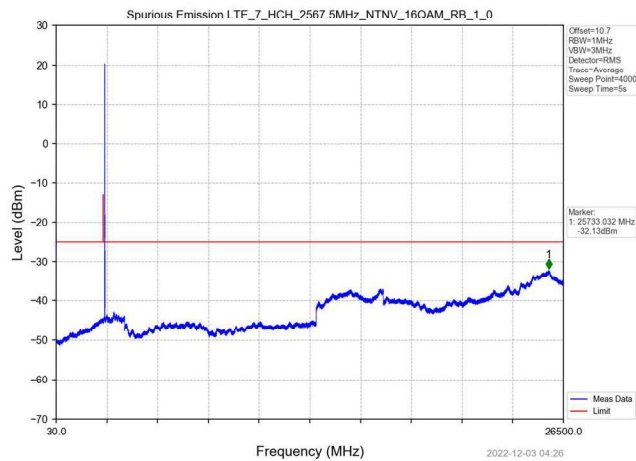
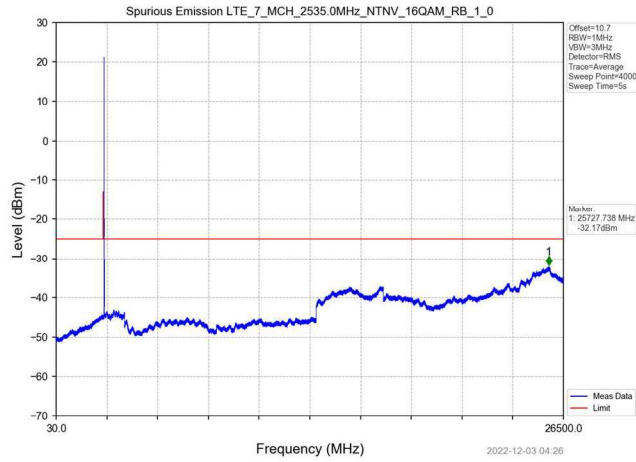
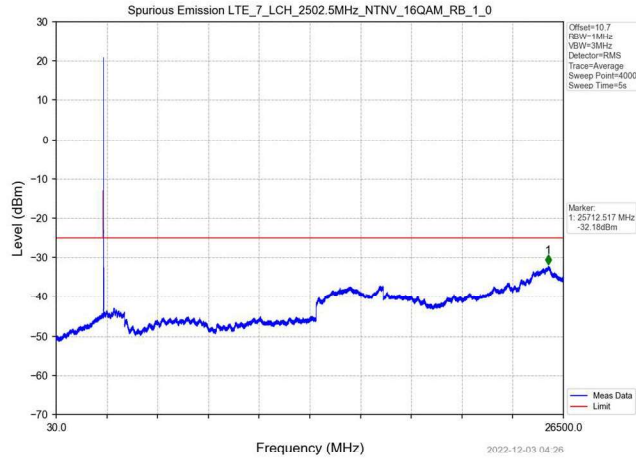
6.16 Test Data – Spurious Emission - LTE Band 4



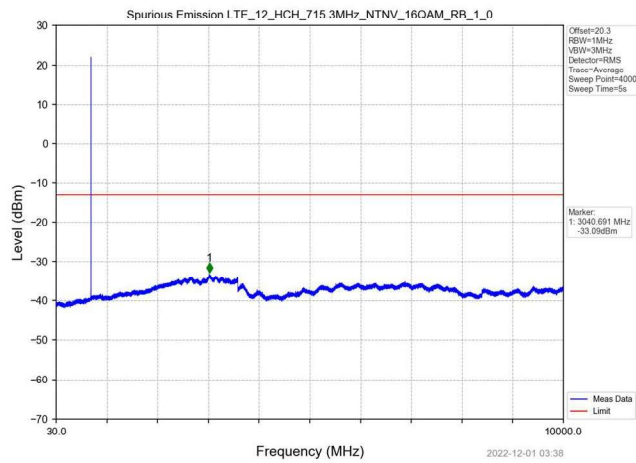
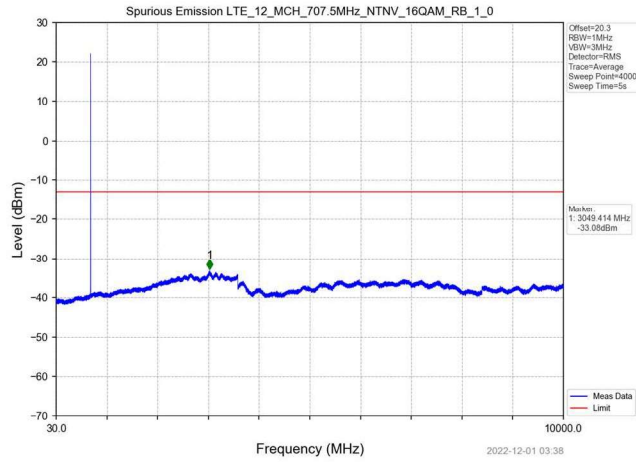
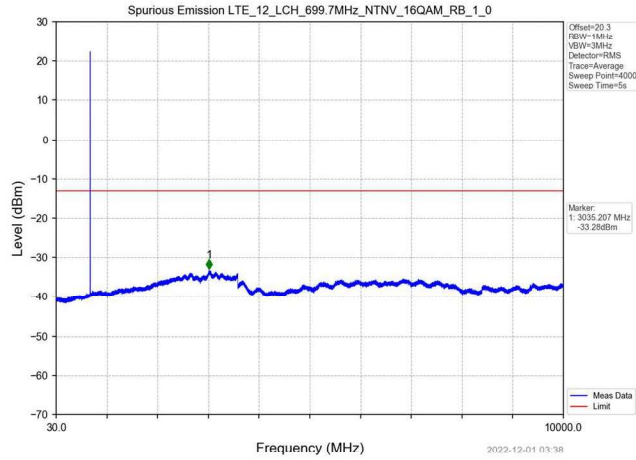
6.17 Test Data – Spurious Emission - LTE Band 5



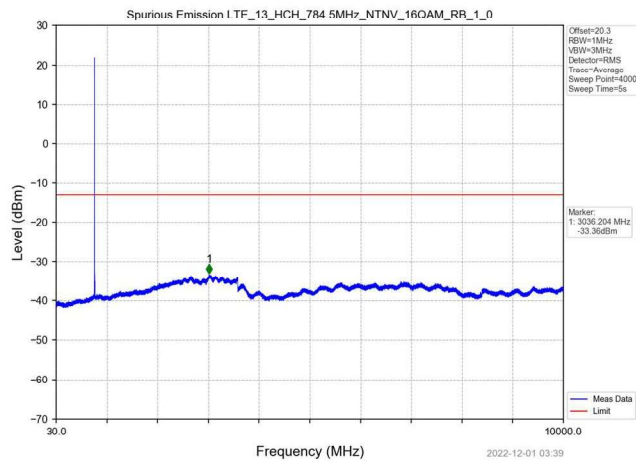
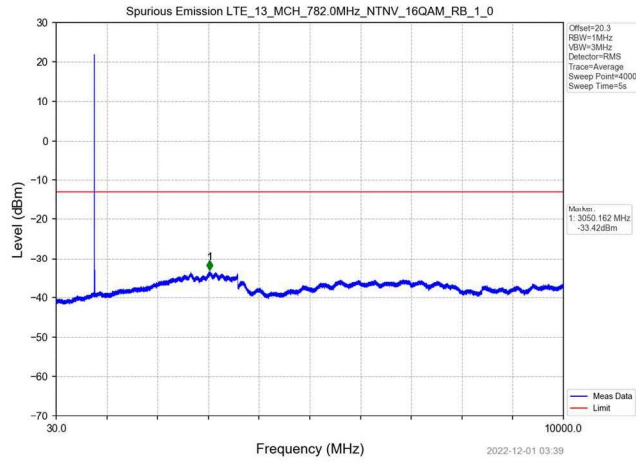
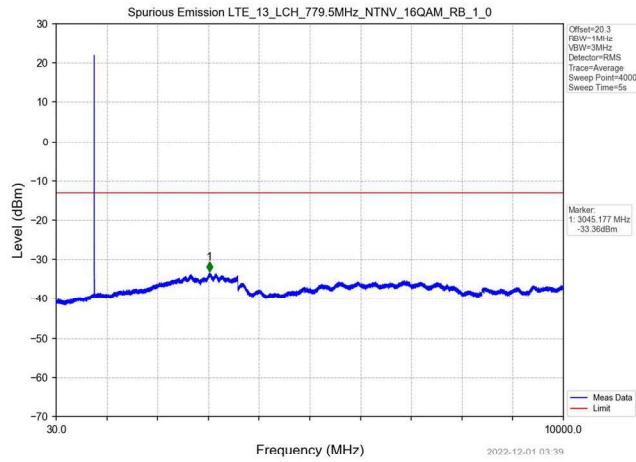
6.18 Test Data – Spurious Emission - LTE Band 7



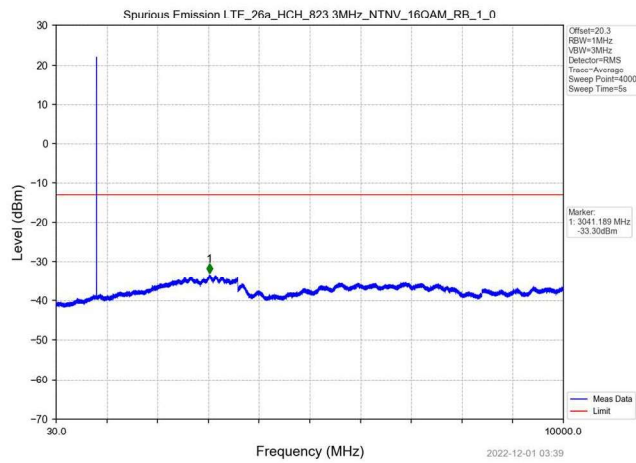
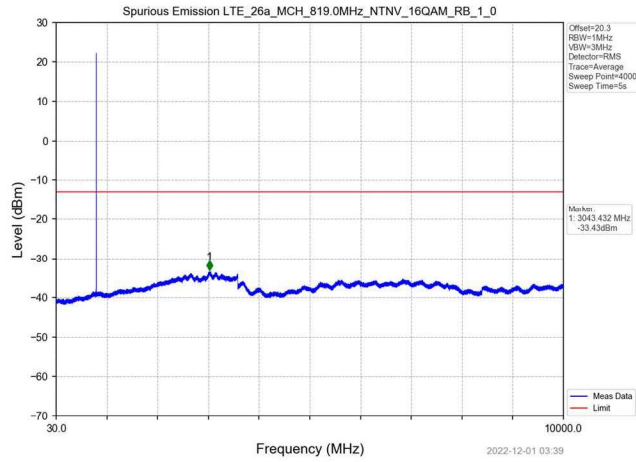
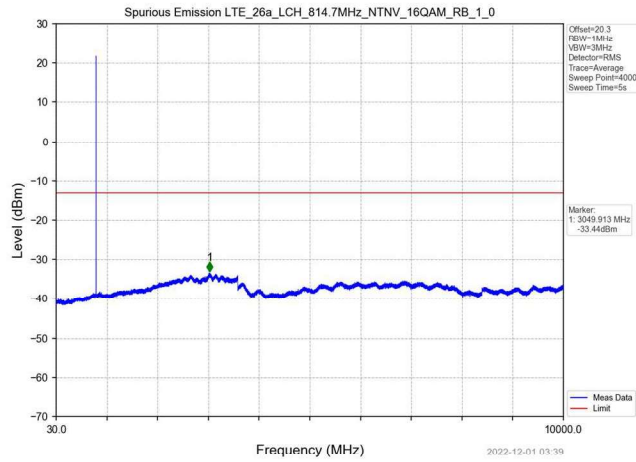
6.19 Test Data – Spurious Emission - LTE Band 12



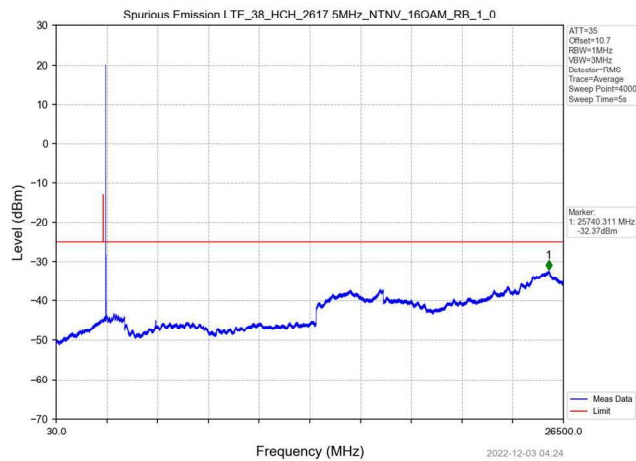
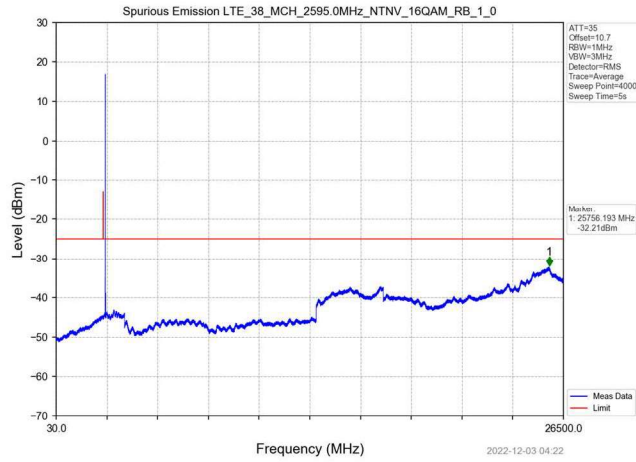
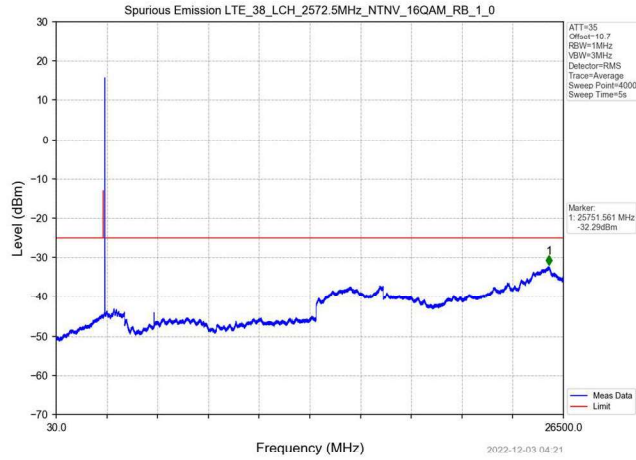
6.20 Test Data – Spurious Emission - LTE Band 13



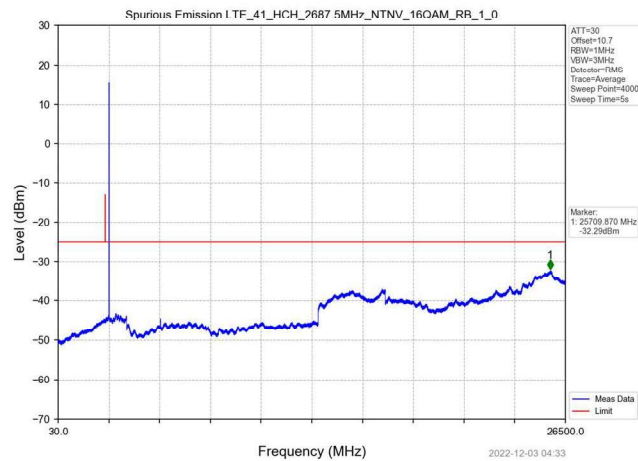
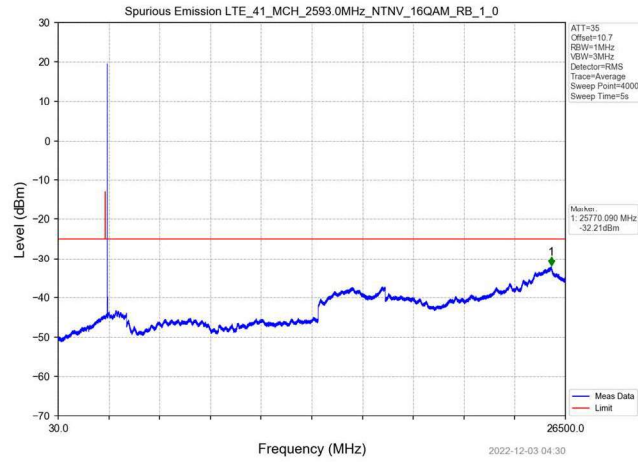
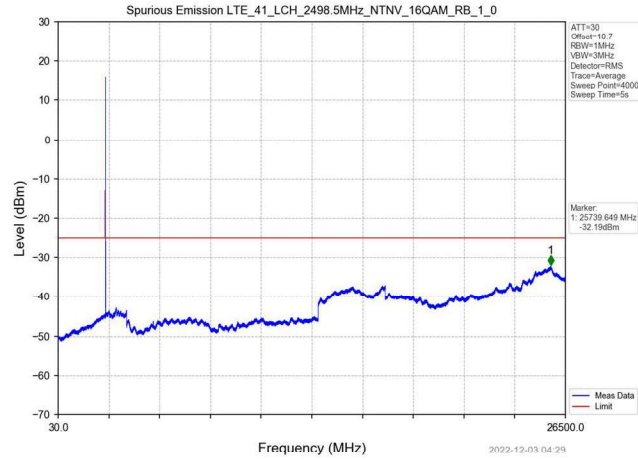
6.21 Test Data – Spurious Emission - LTE Band 26a



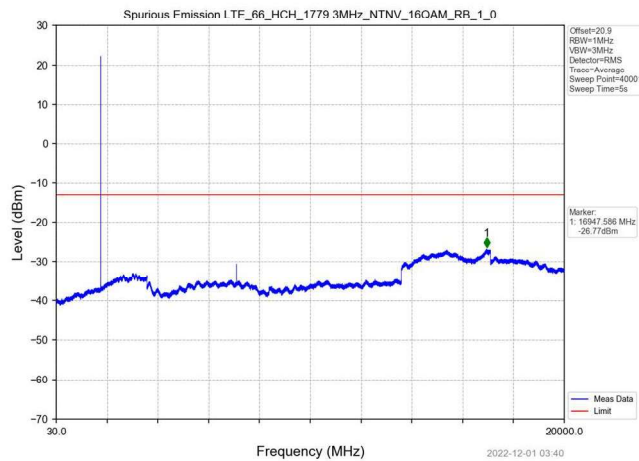
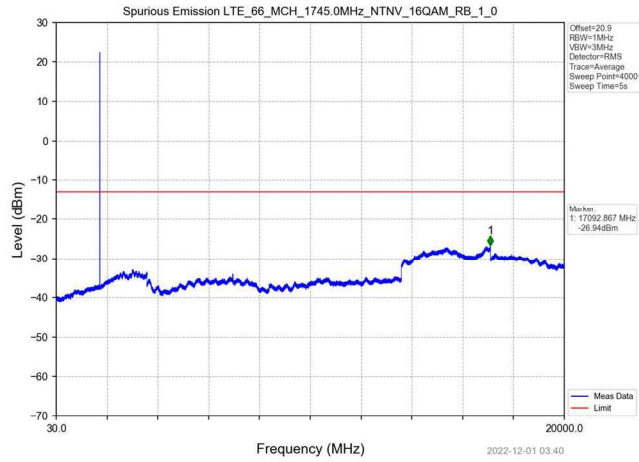
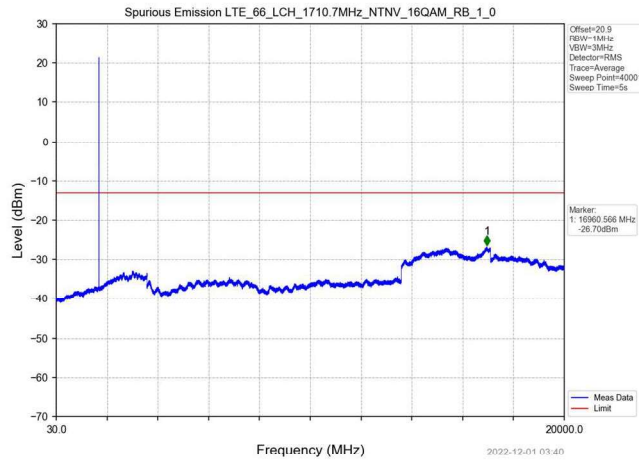
6.22 Test Data – Spurious Emission - LTE Band 38



6.23 Test Data – Spurious Emission - LTE Band 41



6.24 Test Data – Spurious Emission - LTE Band 66



7 Radiated Spurious Emissions

7.1 Test Result

Test Description	Specification		Test Result
	FCC	ISED	
Transmitter Spurious Emissions	2.1053 22.917(a)/(b) 24.238(a)/(b) 27.53(c) 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 (5.6) RSS-199 (4.5)	Compliant

7.2 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 connected over the air. The output power of the EUT was set to maximum value by using the maximum power setting on the Radio Communications Tester.

7.3 Test Site

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

Environmental Conditions	30-1000MHz	Above 1GHz
Temperature:	21.2 °C	21.6 °C
Relative Humidity:	50.3 %	57.1 %
Atmospheric Pressure:	98.3 kPa	98.51 kPa

7.4 Test Equipment

30-1000MHz

Test End Date: 1-Nov-2022

Test End Date: 2-Nov-2022

Tester: EW, ZH

Equipment	Model	Manufacturer	Asset	Cal Date	Cal Due Date
ANTENNA, BILOG	JB6	SUNOL	B079689	26-May-2022	26-May-2024
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	20124	14-Feb-2022	14-Feb-2023
RF CABLE	104PE	HUBER & SUHNER	B079793	25-Aug-2022	25-Aug-2023
LOW NOISE AMPLIFIER	ZKL-2+	MINI-CIRCUITS	B079817	25-Aug-2022	25-Aug-2023
EMI TEST RECEIVER	ESU8	ROHDE & SCHWARZ	B085759	8-Sep-2022	8-Sep-2023
SOFTWARE	TILE 7	ETS LINDGREN	N/A	CNR	CNR

Above 1GHz

Test End Date: 7-Nov-2022

Test End Date: 8-Nov-2022

Tester: PL, ZH

Equipment	Model	Manufacturer	Asset	Cal Date	Cal Due Date
ANTENNA, DRG HORN (MEDIUM)	3117	ETS LINDGREN	B079691	15-Aug-2022	15-Aug-2024
RF CABLE NM TO NF, 0.01-18GHZ	90-213-118	TELEDYNE STORM MICROWAVE	20118	16-Mar-2022	16-Mar-2023
RF CABLE NM TO NM, 0.01-18GHZ	90-195-118	TELEDYNE STORM MICROWAVE	20126	14-Feb-2022	14-Feb-2023
RF CABLE RIGHT ANGLE NM TO NM, 0.01-18GHZ	90-076-020	TELEDYNE STORM MICROWAVE	20131	16-Mar-2022	16-Mar-2023
LOW NOISE AMPLIFIER	TS-PR18	ROHDE & SCHWARZ	B094463	13-Jul-2022	13-Jul-2023
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22027	13-Sep-2022	13-Sep-2023
FILTER, HIGH PASS, >1000MHZ	HPM50108	MICRO-TRONICS	B079802	5-Jul-2022	5-Jul-2023
FILTER, HIGH PASS, >2800MHZ	HPM50111	MICRO-TRONICS	22017	16-Jun-2022	16-Jun-2023
SOFTWARE	TILE 7	ETS LINDGREN	N/A	CNR	CNR

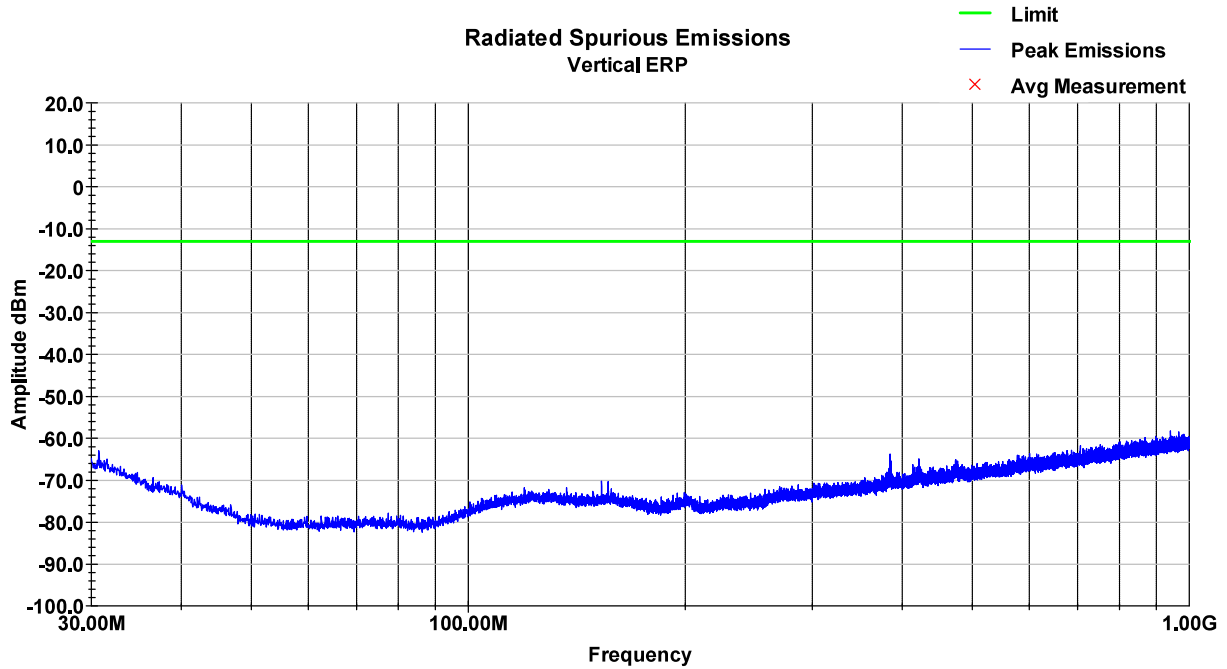
Software Profile:

"RSE 30-1000 MHz T7 220212" TILE! profile dated 12 February 2022

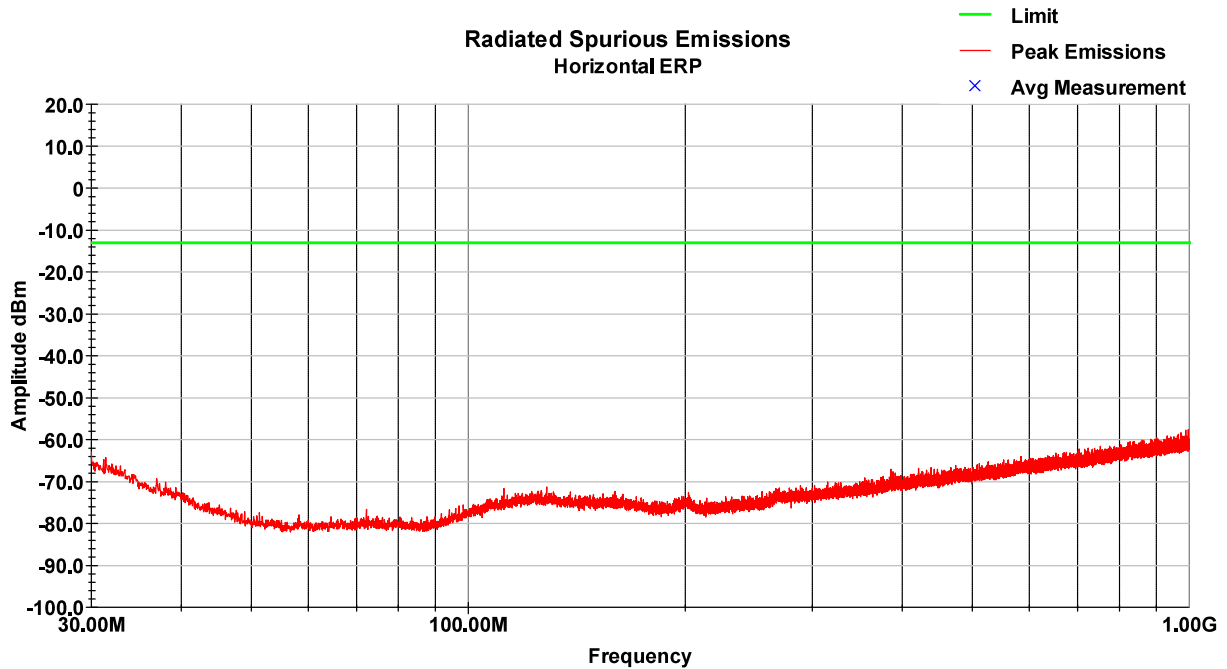
"RSE 1-18 GHz T7 210212" TILE! profile dated 12 February 2021

7.5 Test Data – LTE Band 2

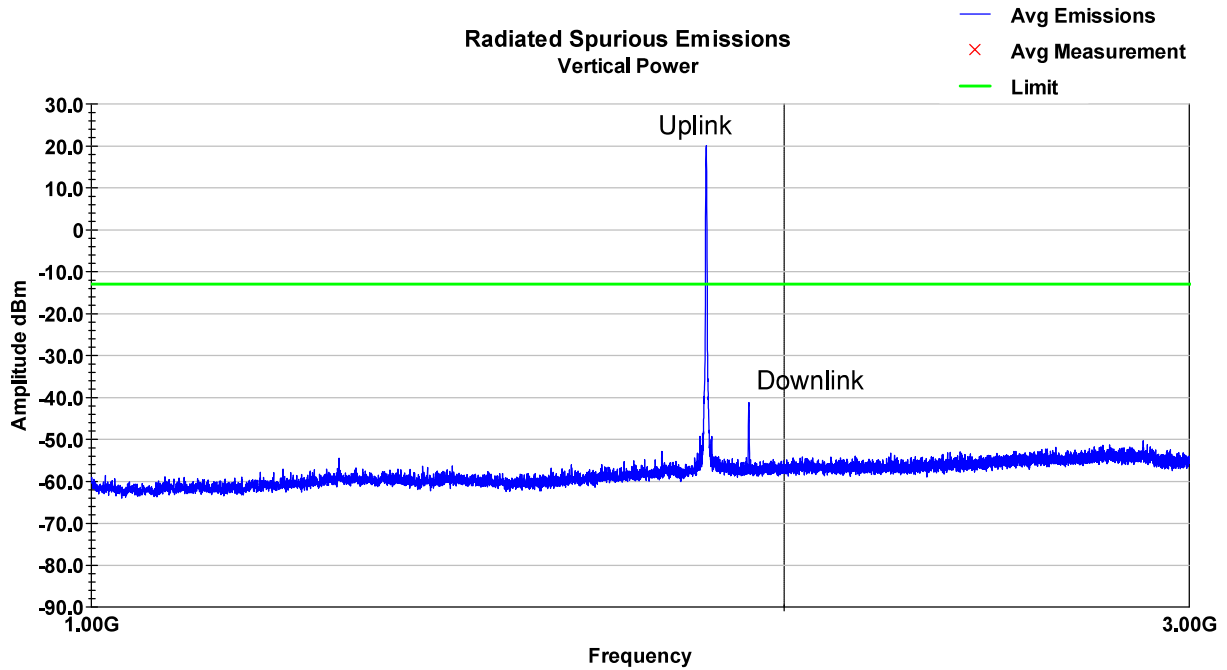
LTE Band 2 – LCH – 30-1000MHz – Vertical



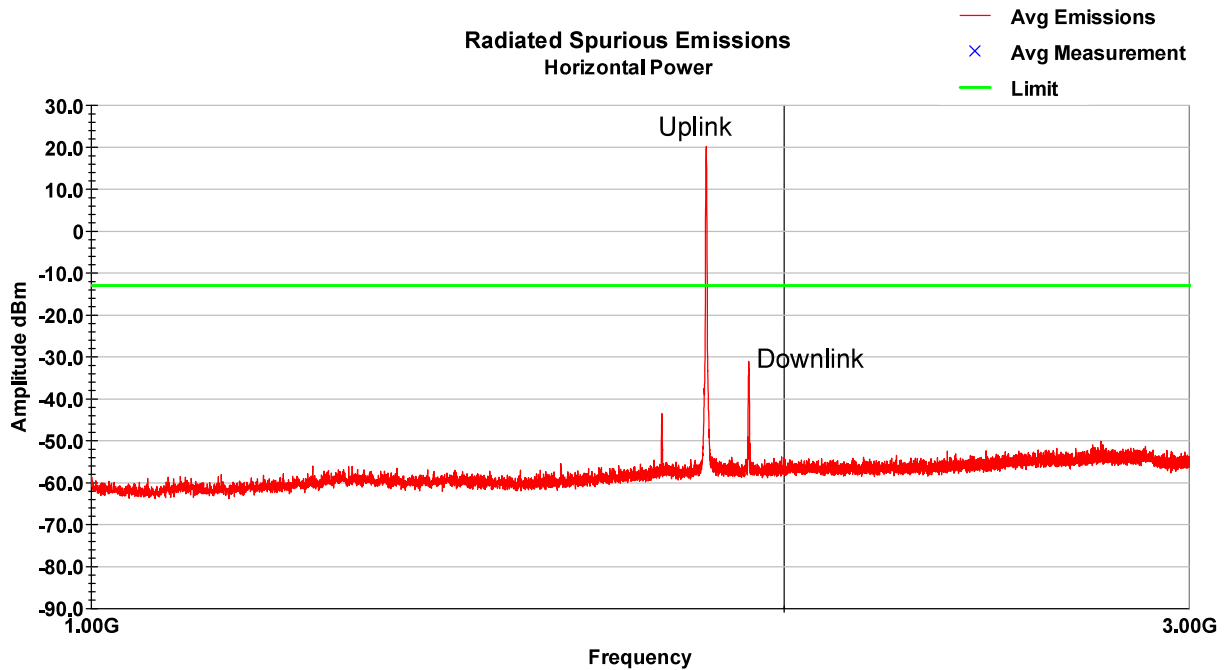
LTE Band 2 – LCH – 30-1000MHz – Horizontal



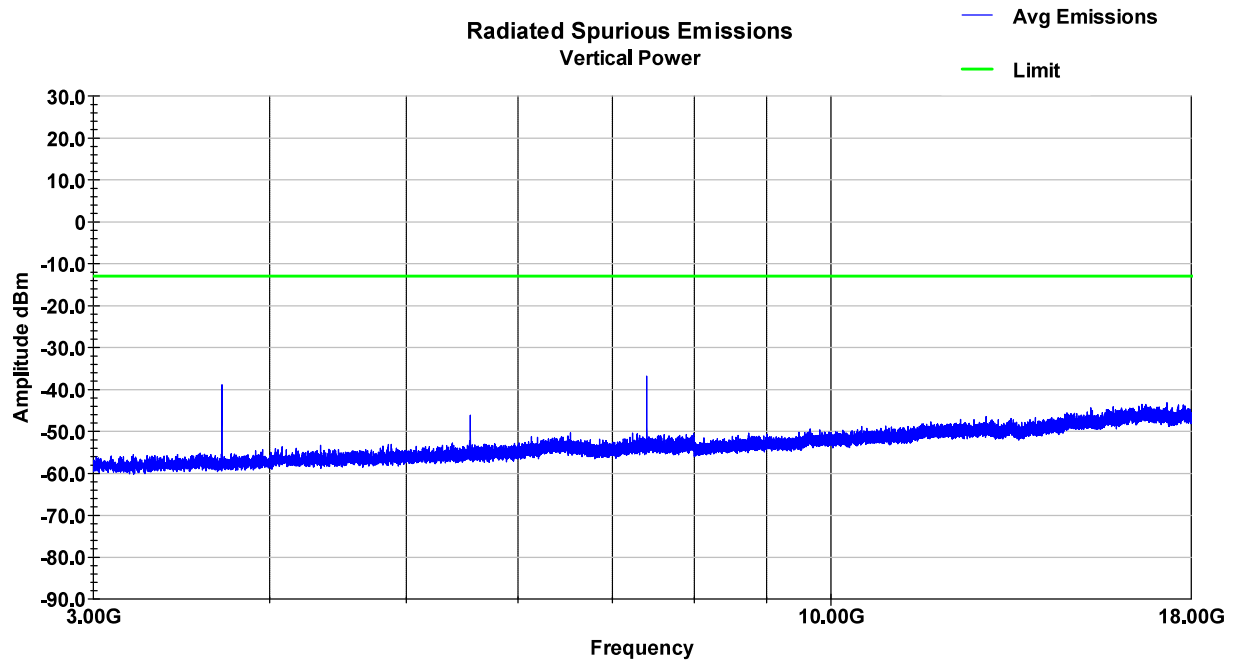
LTE Band 2 – LCH – 1-3GHz – Vertical



LTE Band 2 – LCH – 1-3GHz – Horizontal



LTE Band 2 – LCH – 3-18GHz – Vertical



LTE Band 2 – LCH – 3-18GHz – Horizontal

