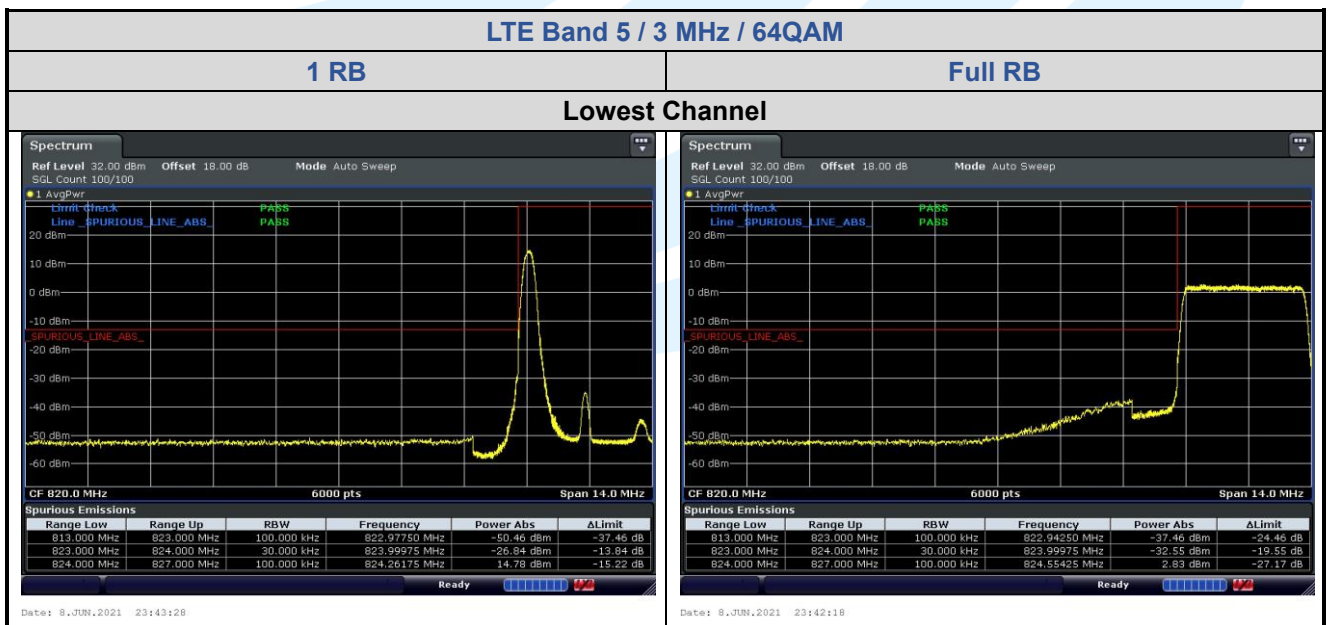
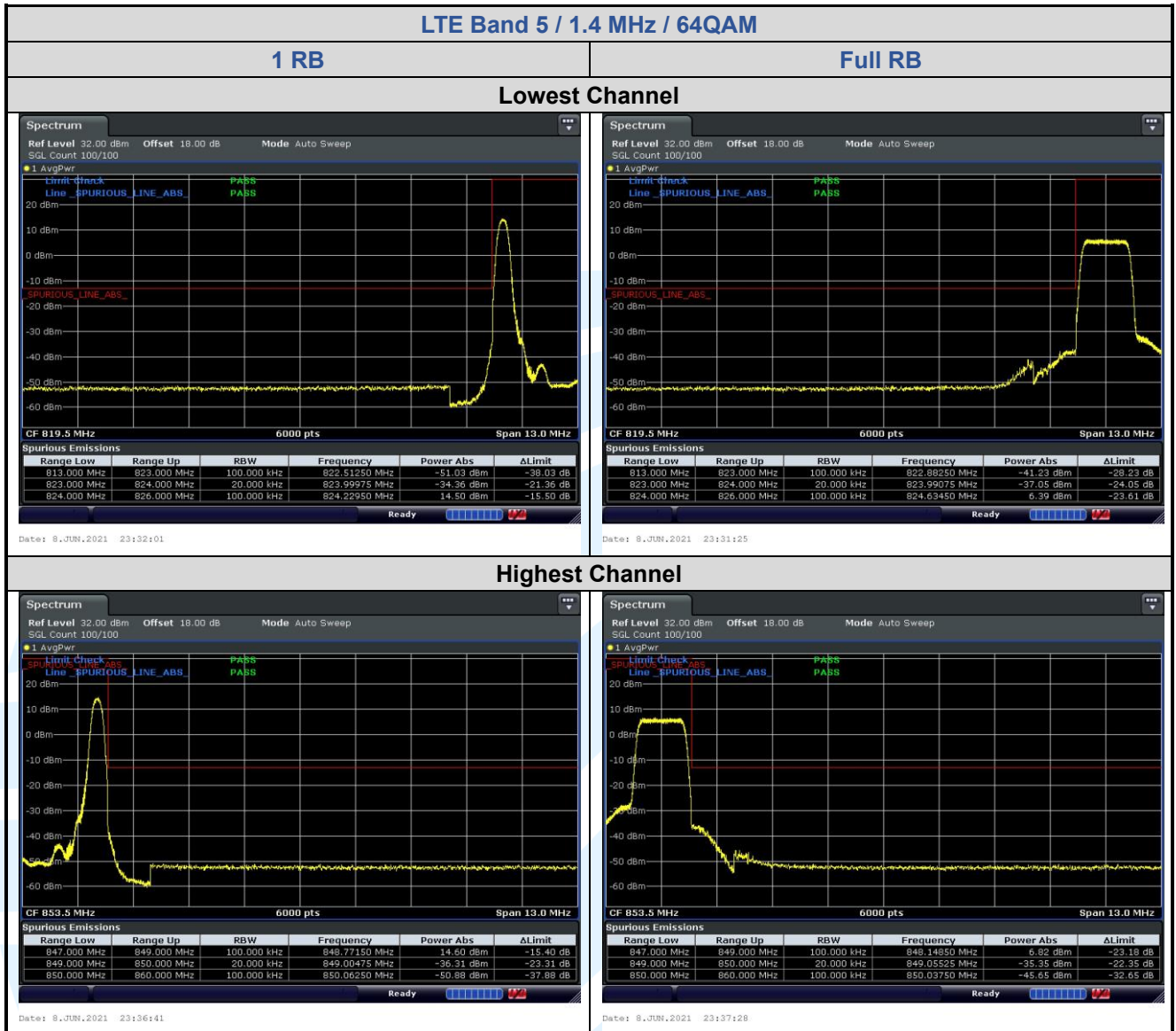
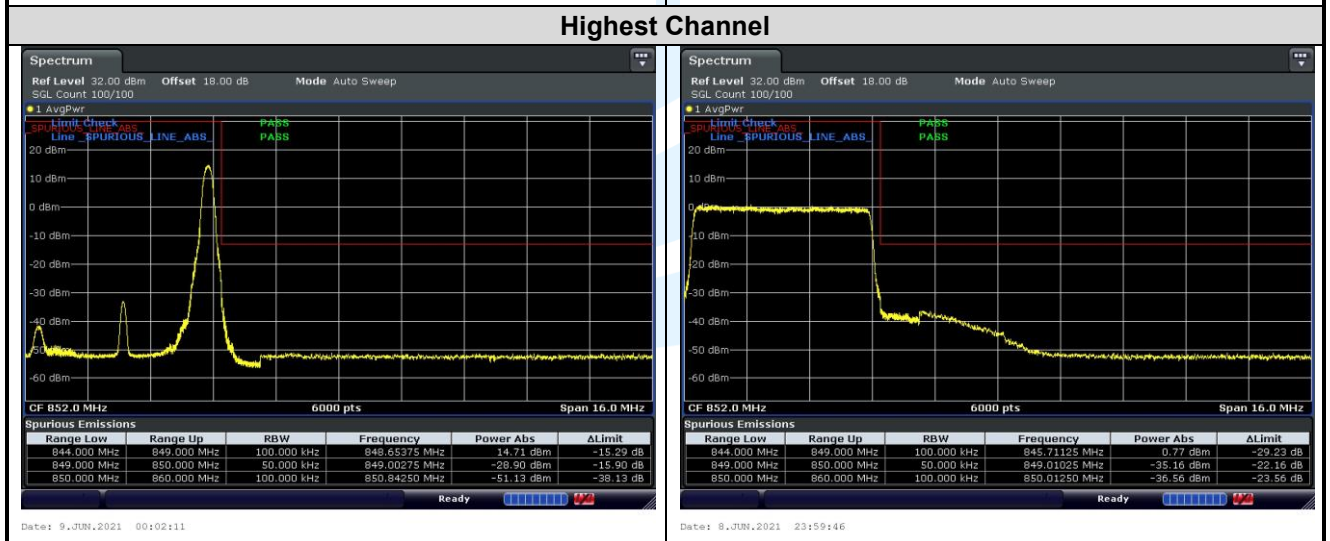
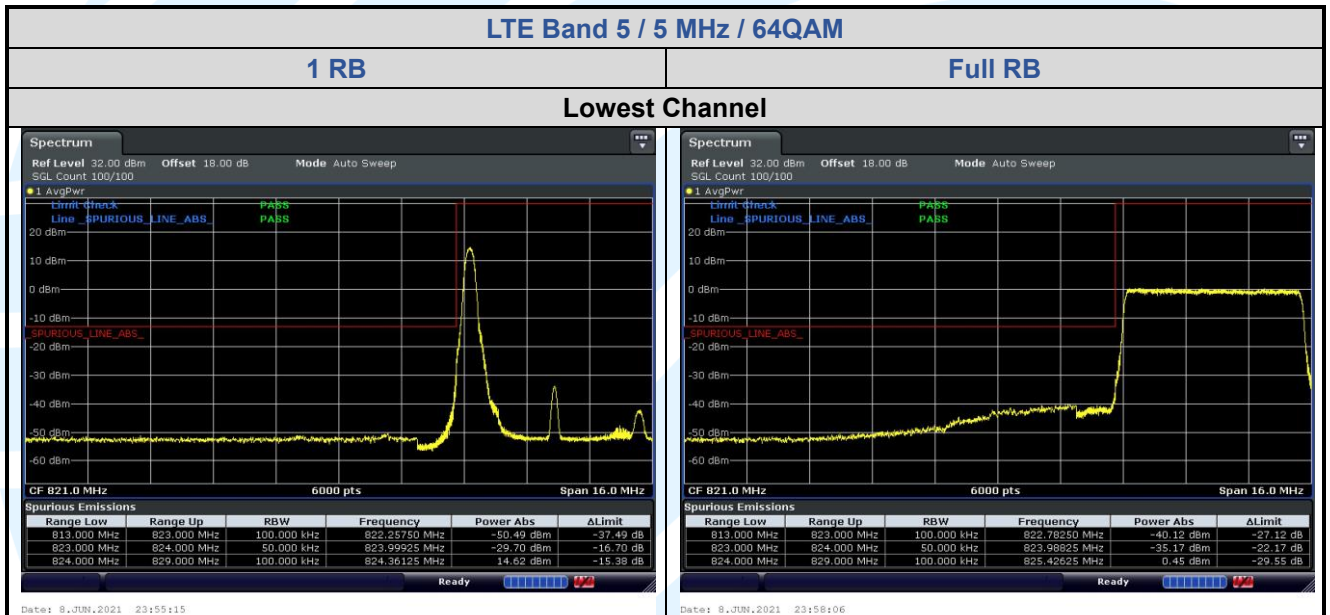
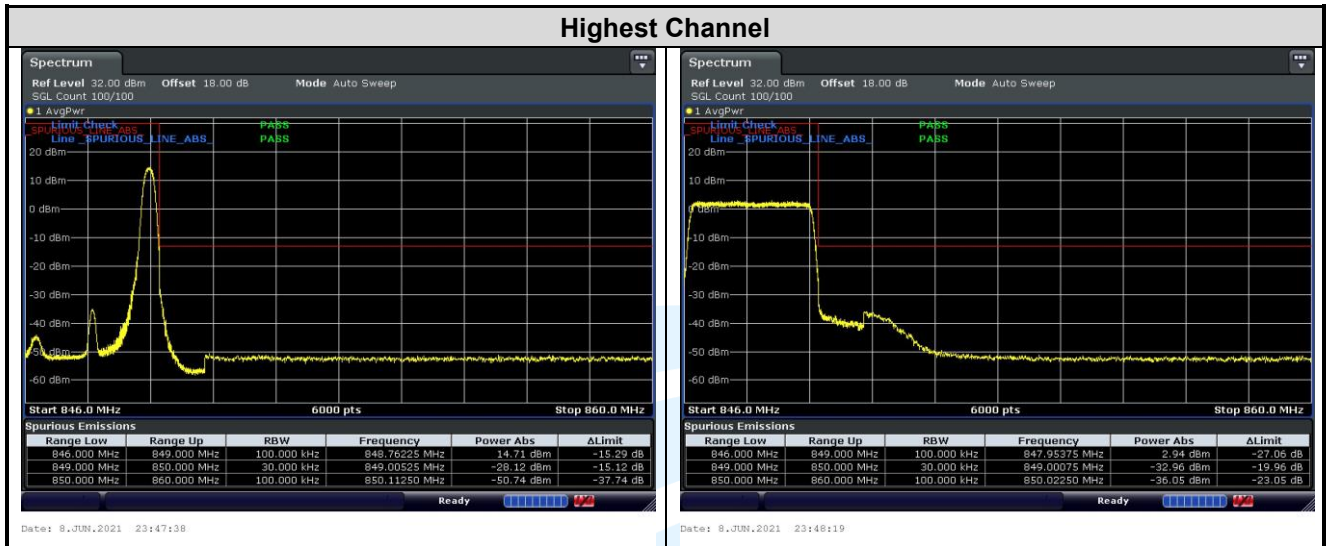






Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China

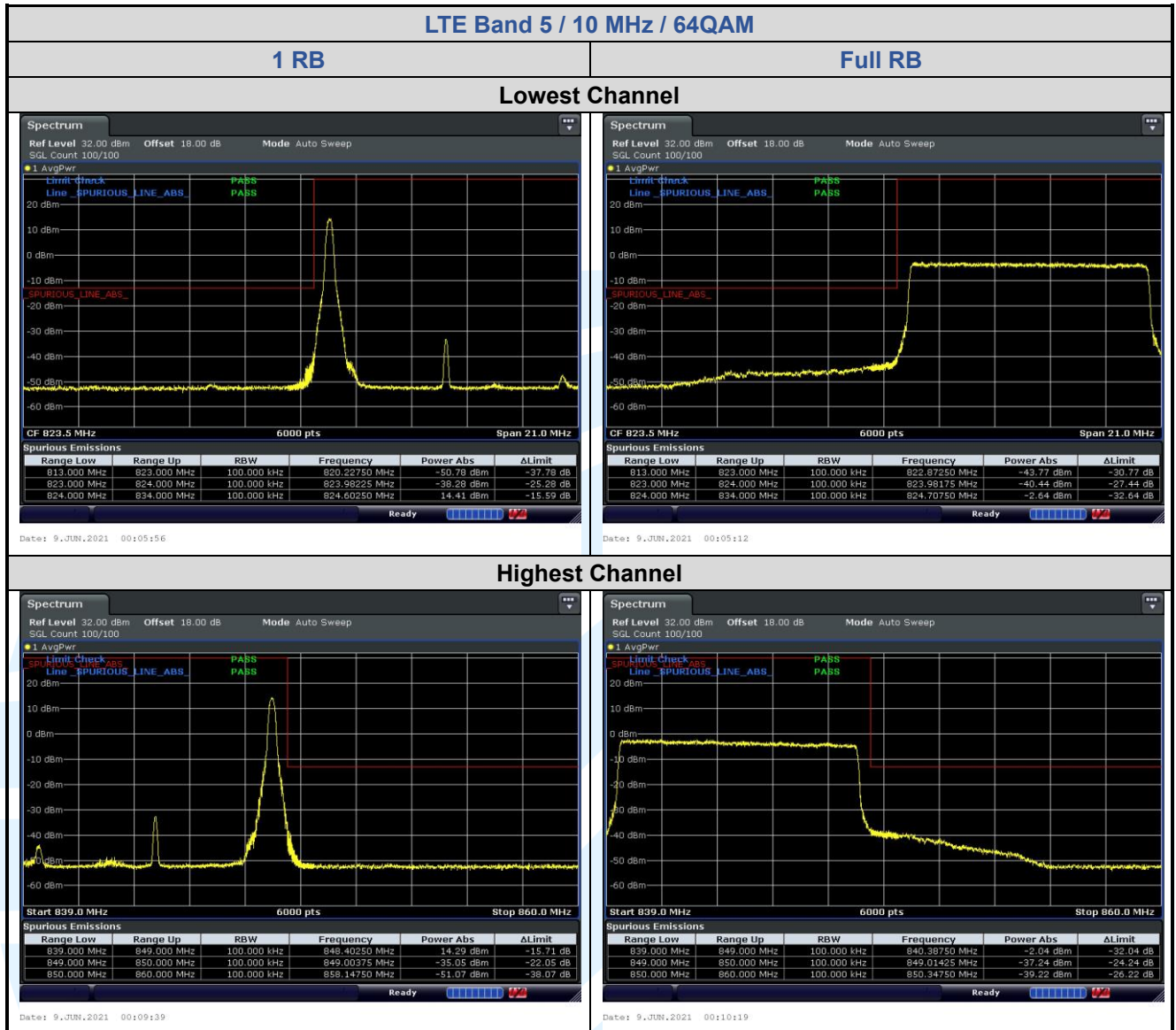
Tel: +86-755-28230888

Fax: +86-755-28230886

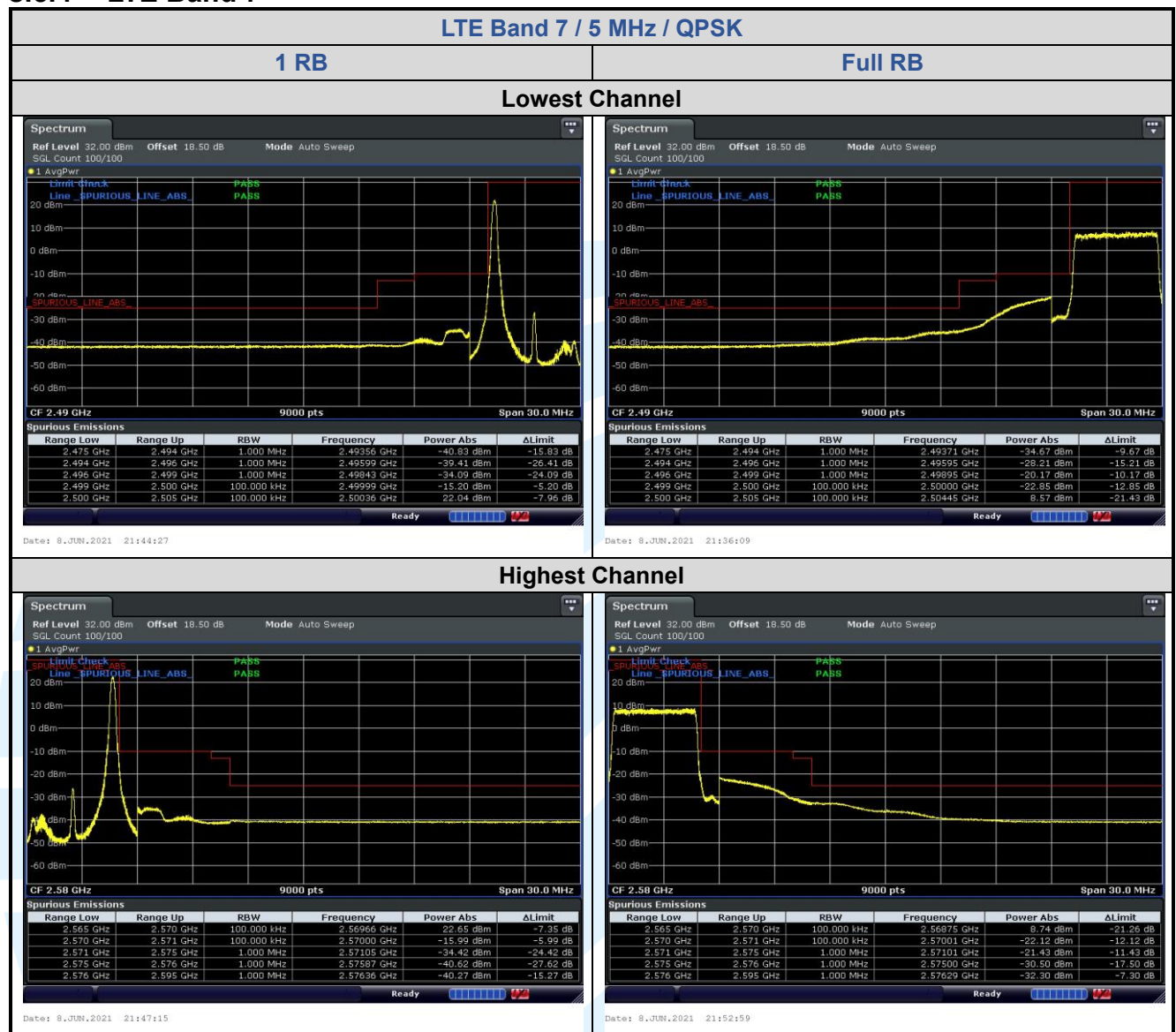
E-mail: info@uttlab.com

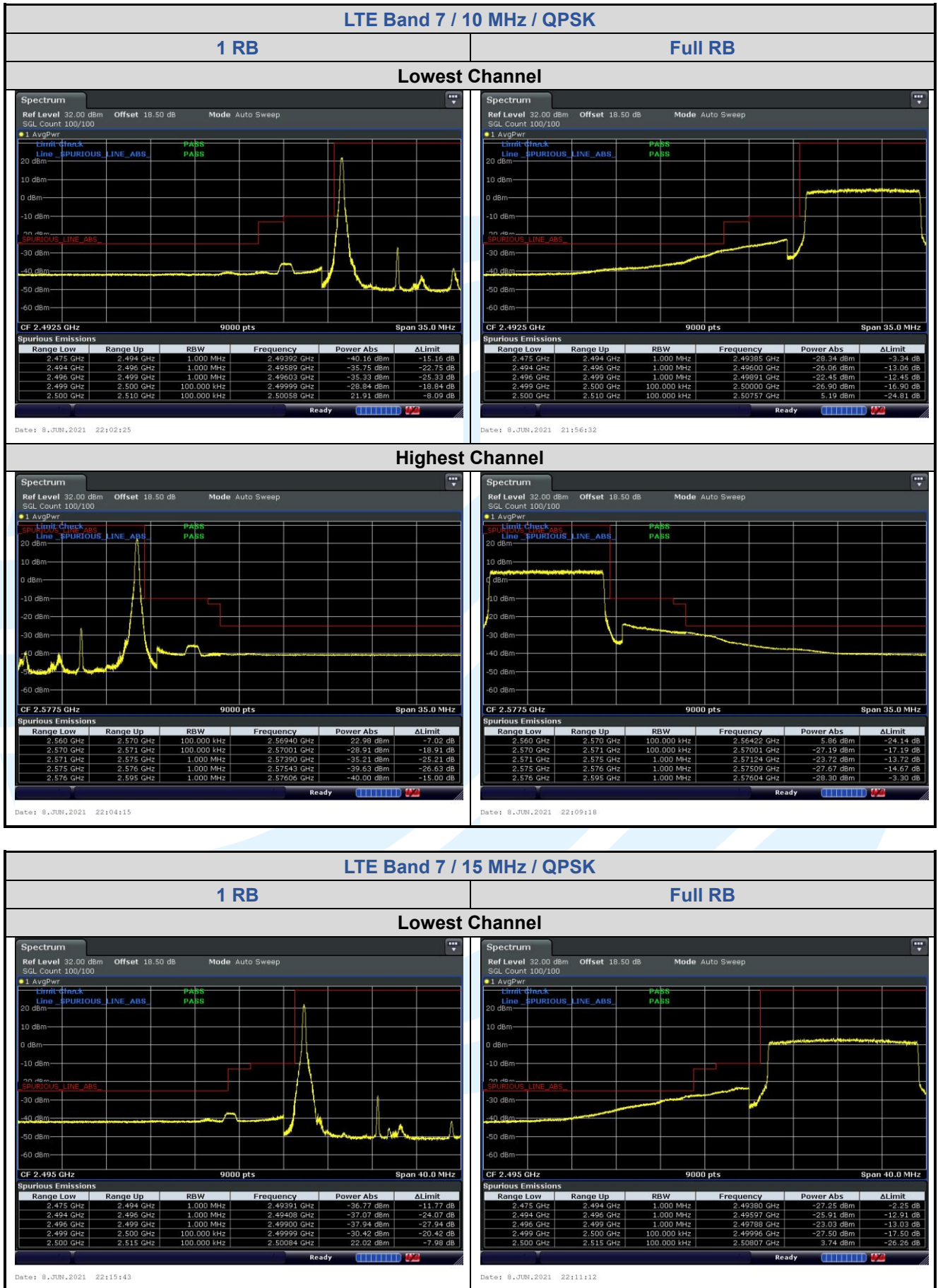
<http://www.uttlab.com>

UTTR-RF-FCC4G-V1.1



5.6.4 LTE Band 7




LTE Band 7 / 15 MHz / QPSK
1 RB
Full RB
Lowest Channel

Spectrum
Ref Level 32.00 dBm Offset 18.50 dB Mode Auto Sweep
SGL Count 100/100
1 AvgPwr

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49391 GHz	-36.77 dBm	-11.77 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49408 GHz	-37.07 dBm	-24.07 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49900 GHz	-37.94 dBm	-27.94 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-30.42 dBm	-20.42 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	-22.02 dBm	-7.98 dB

CF 2.495 GHz 9000 pts Span 40.0 MHz

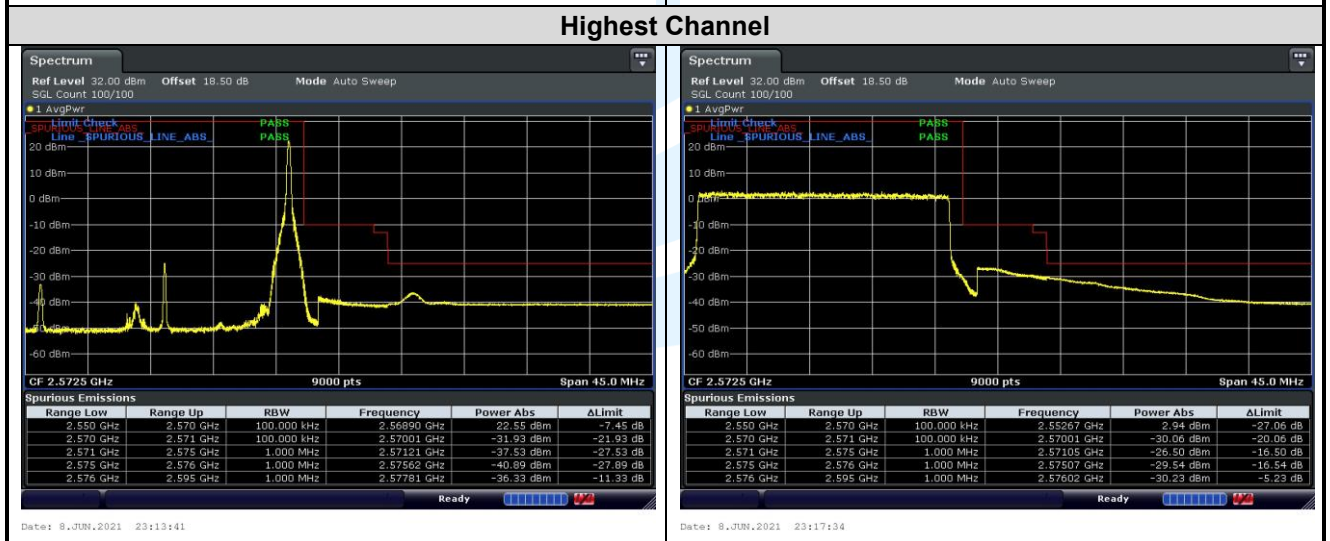
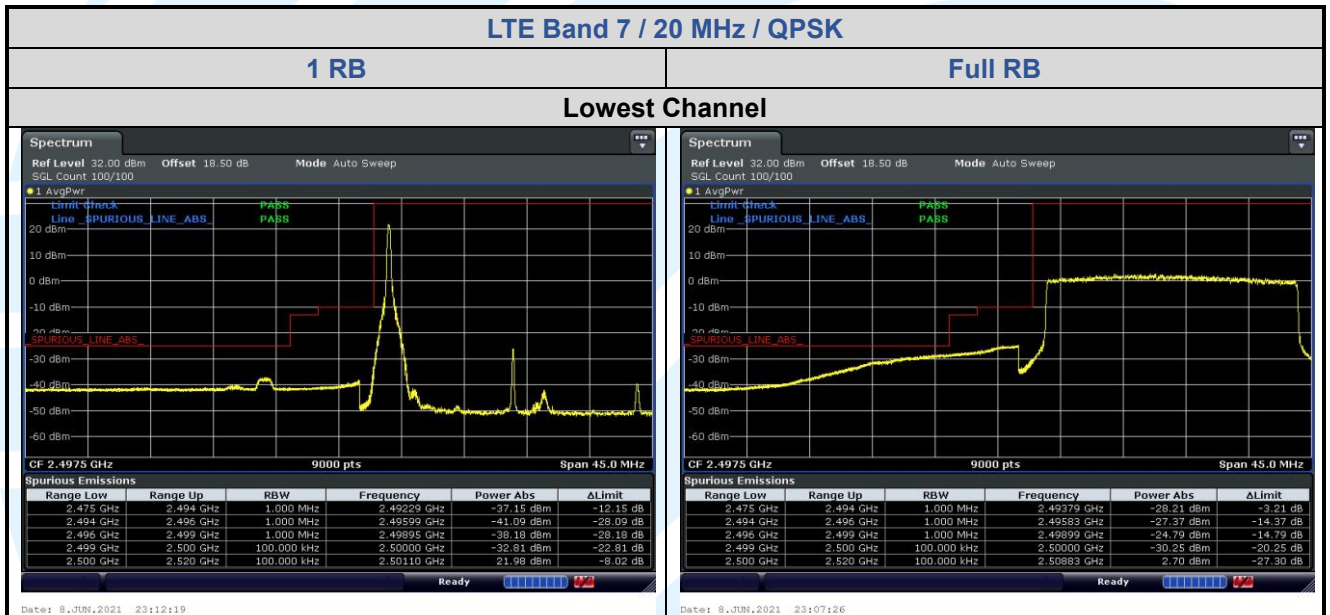
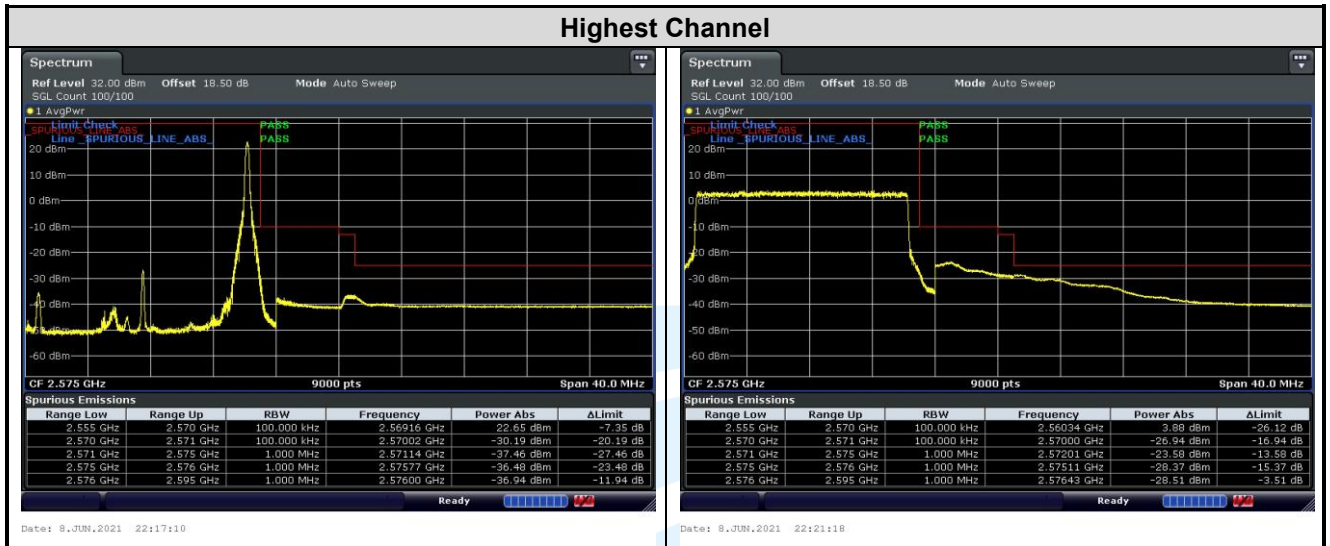
Date: 8 JUN 2021 22:15:43

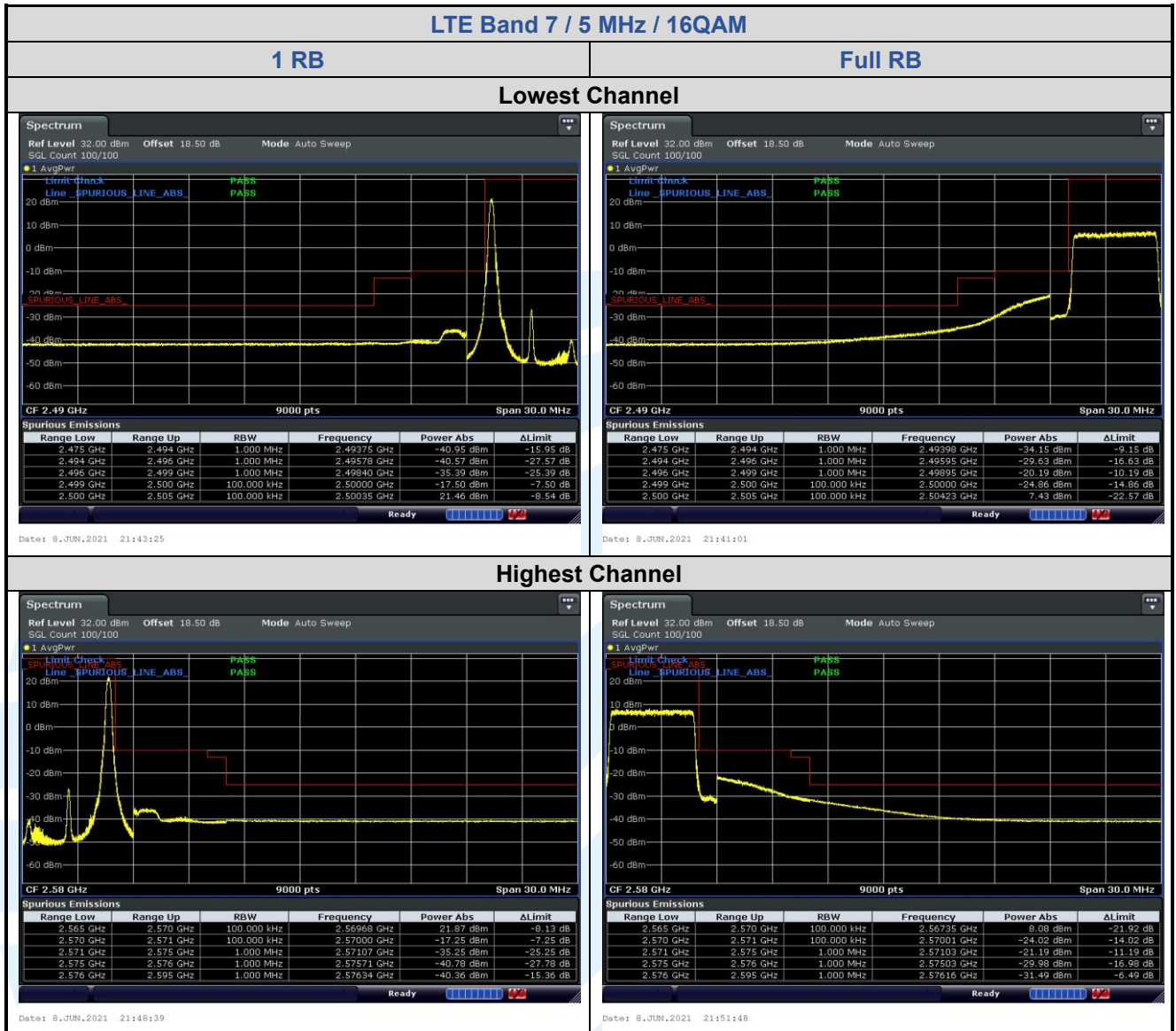
Spectrum
Ref Level 32.00 dBm Offset 18.50 dB Mode Auto Sweep
SGL Count 100/100
1 AvgPwr

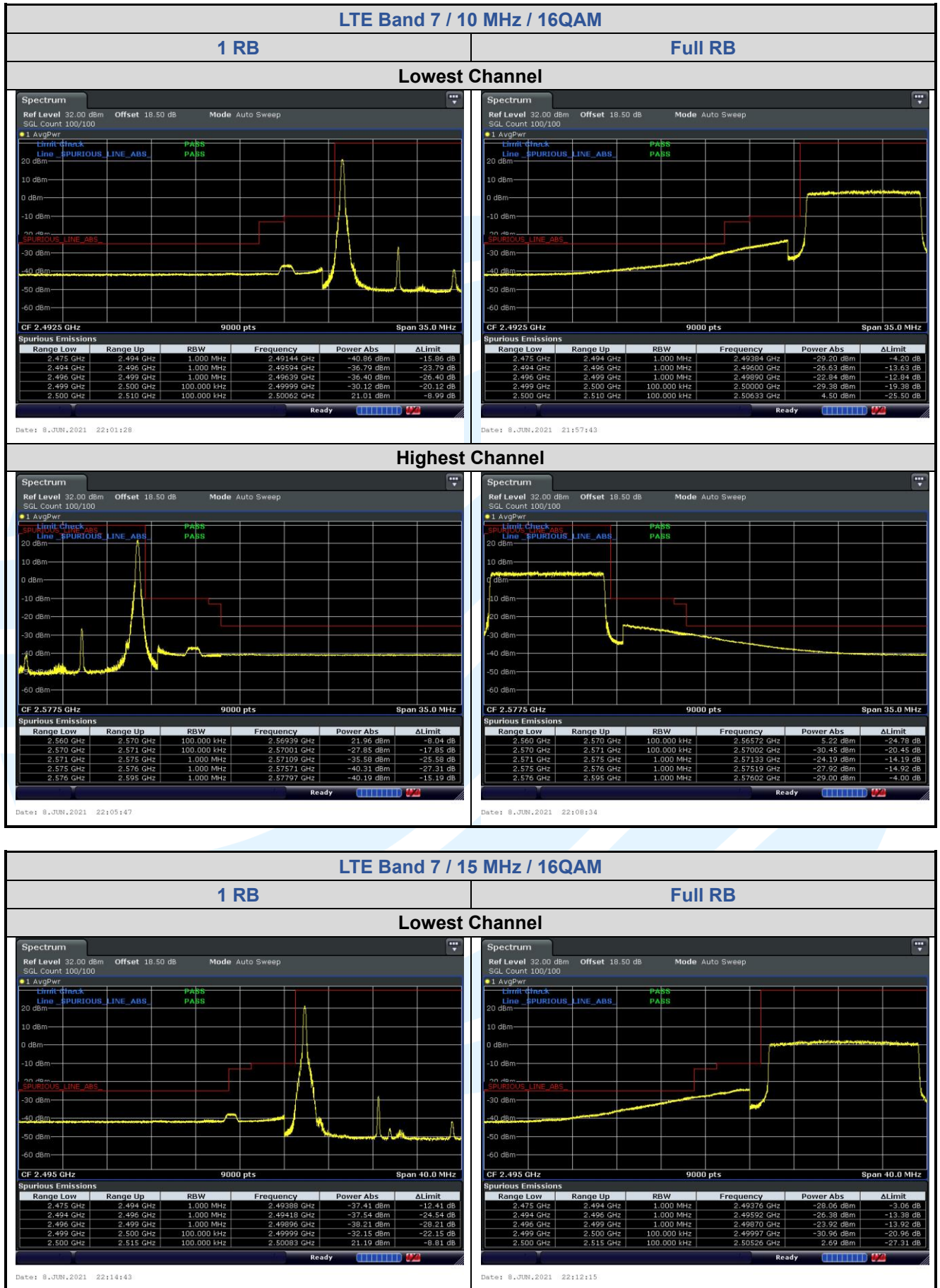
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49380 GHz	-27.25 dBm	-2.25 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-25.91 dBm	-12.91 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49788 GHz	-23.03 dBm	-13.03 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49996 GHz	-27.50 dBm	-17.50 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50807 GHz	3.74 dBm	-26.26 dB

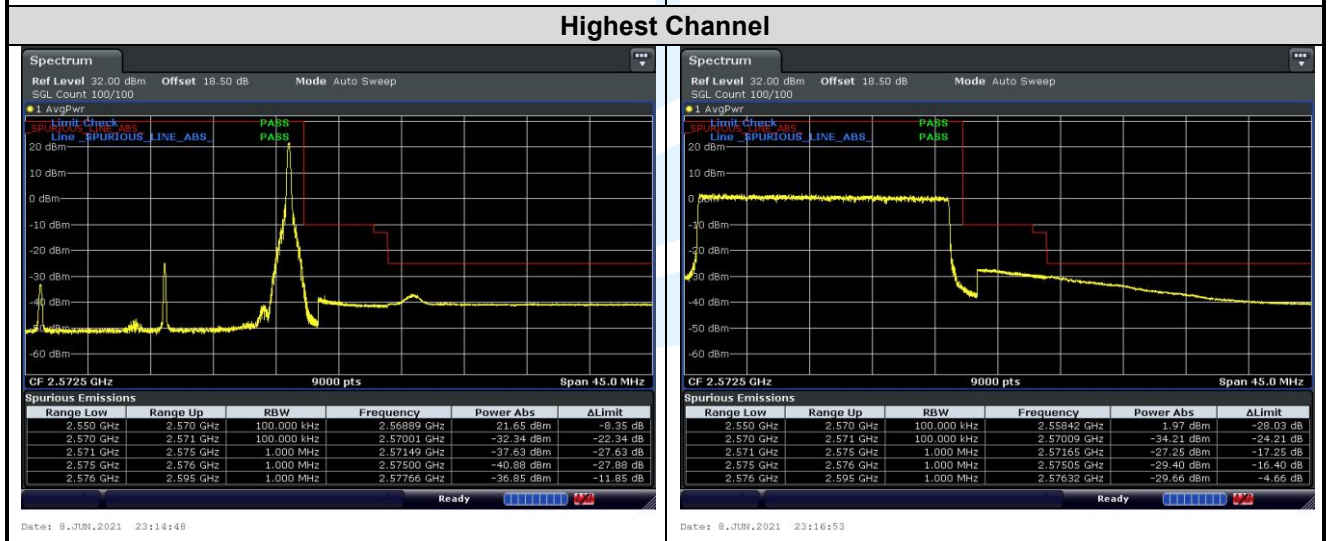
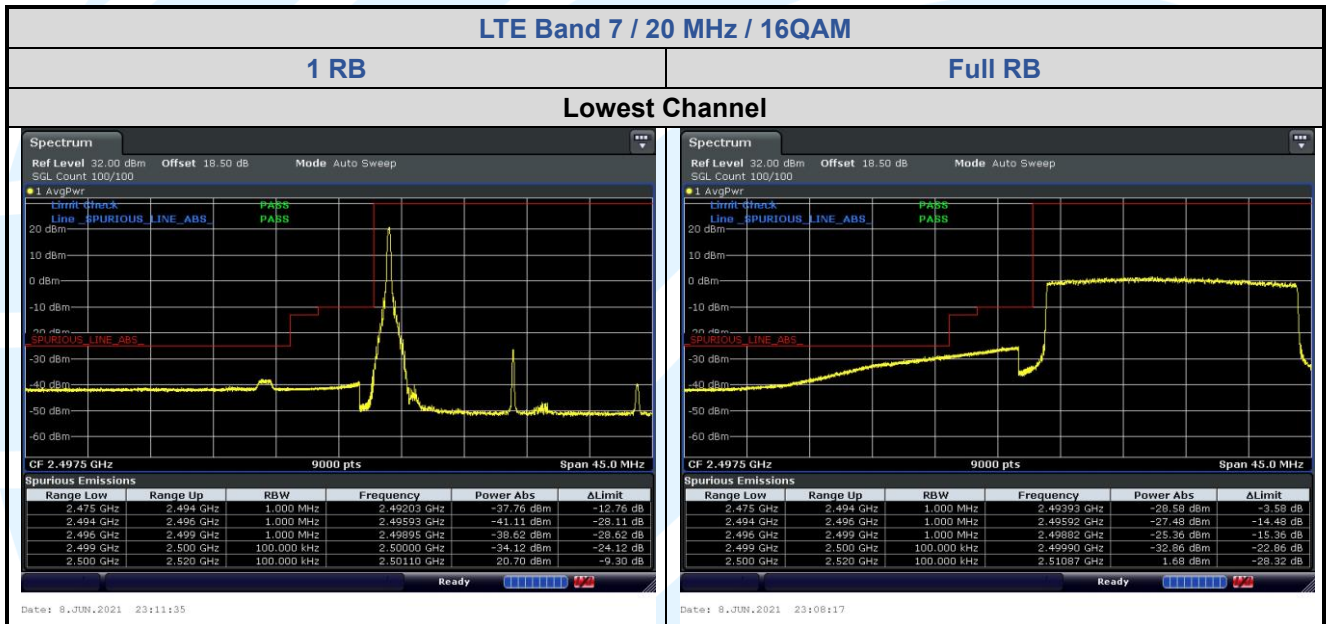
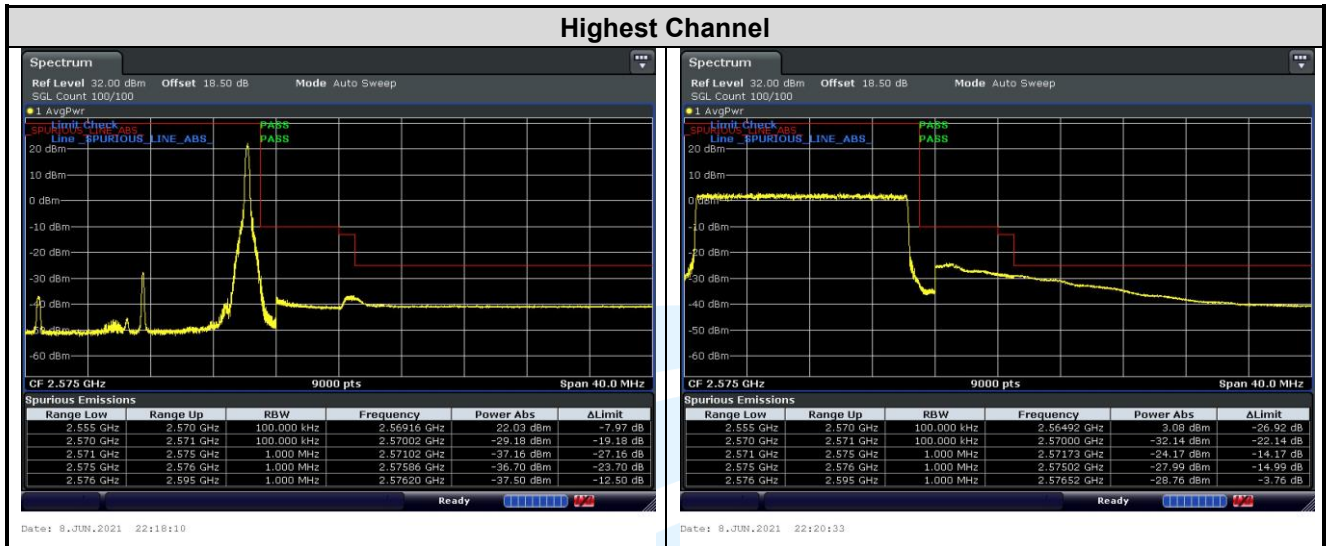
CF 2.495 GHz 9000 pts Span 40.0 MHz

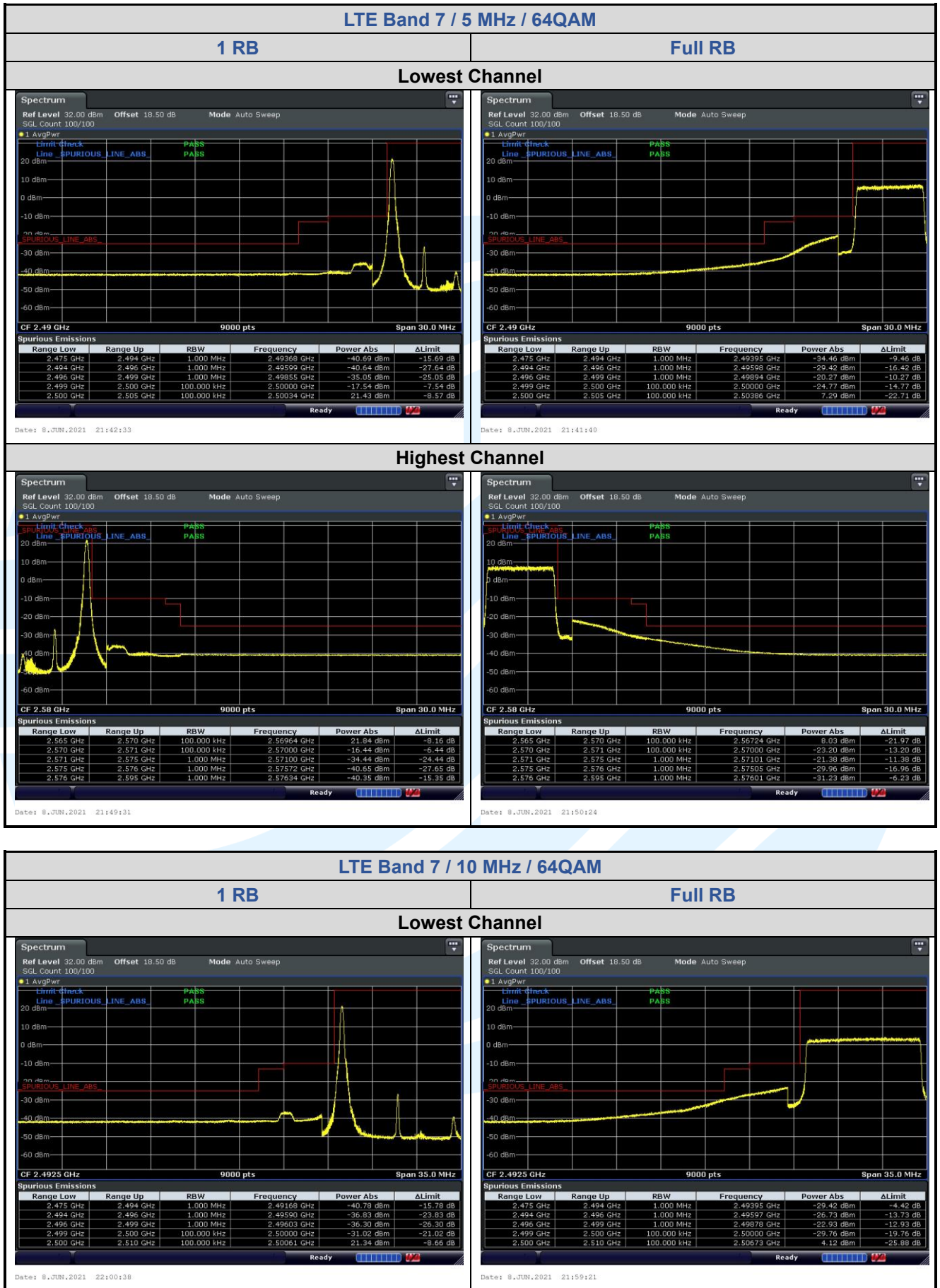
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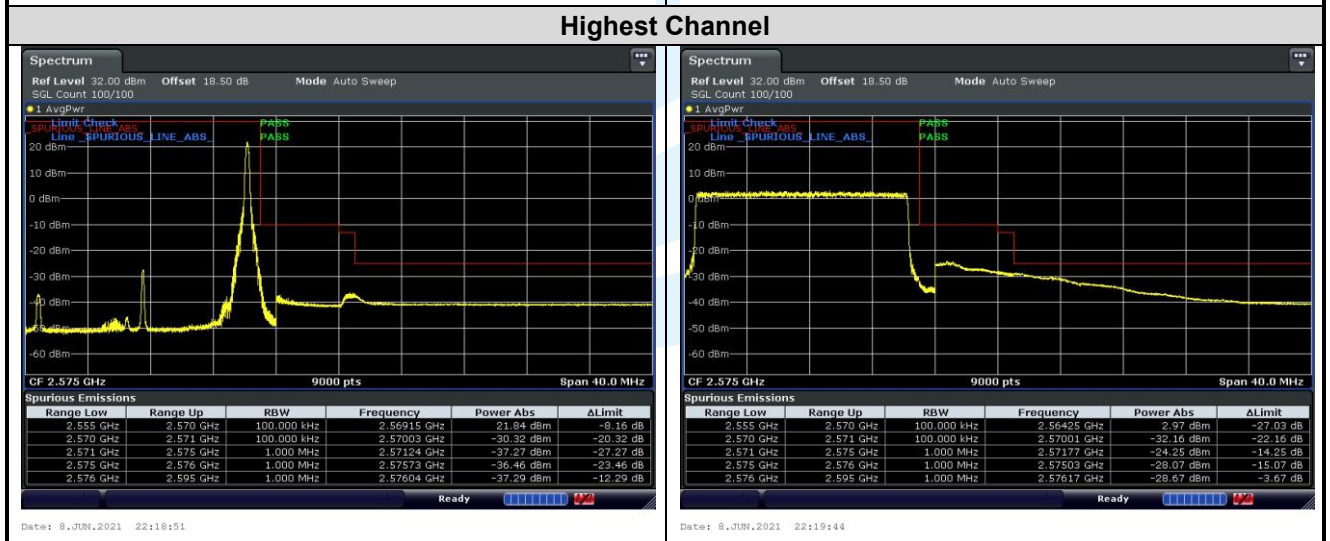
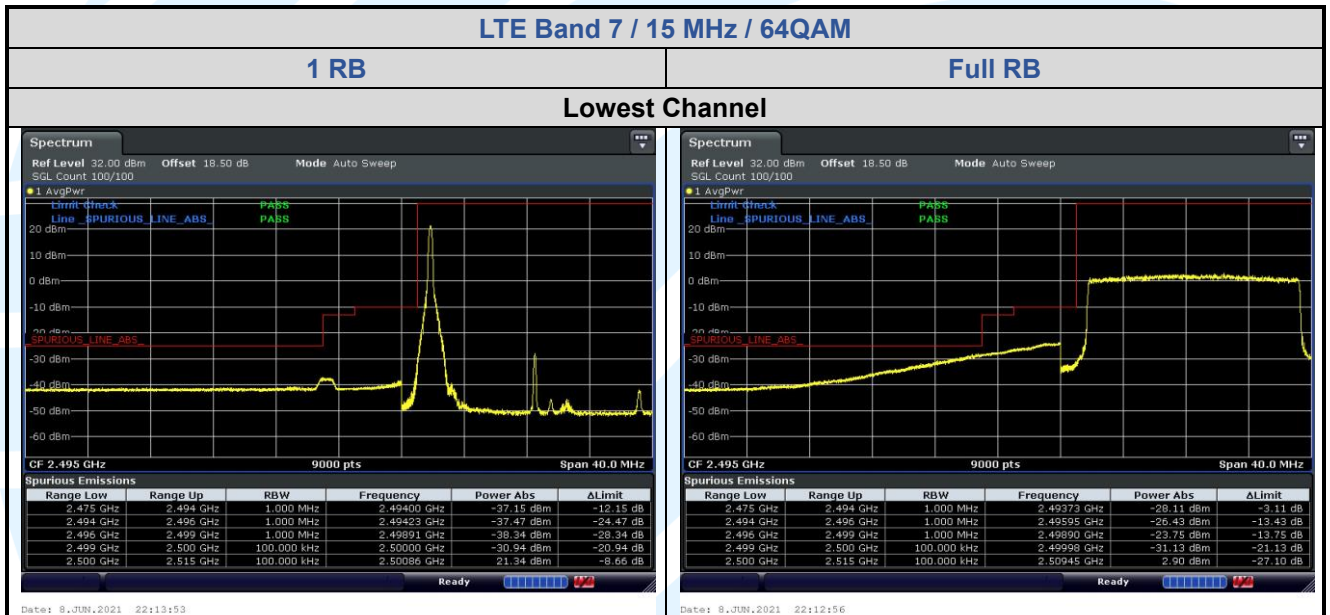
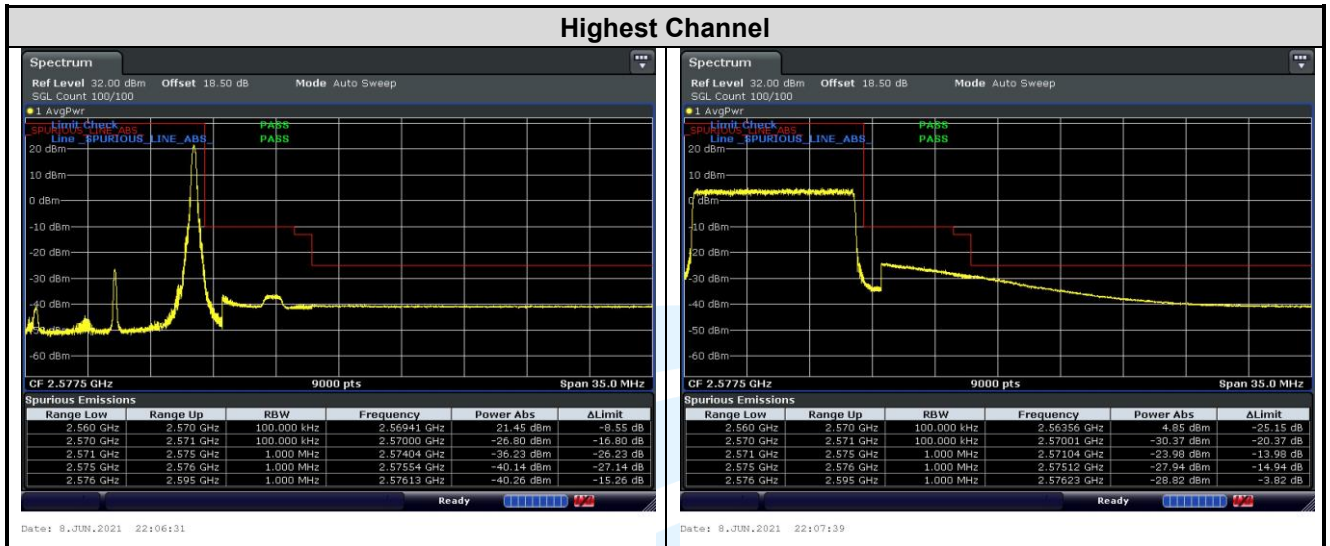


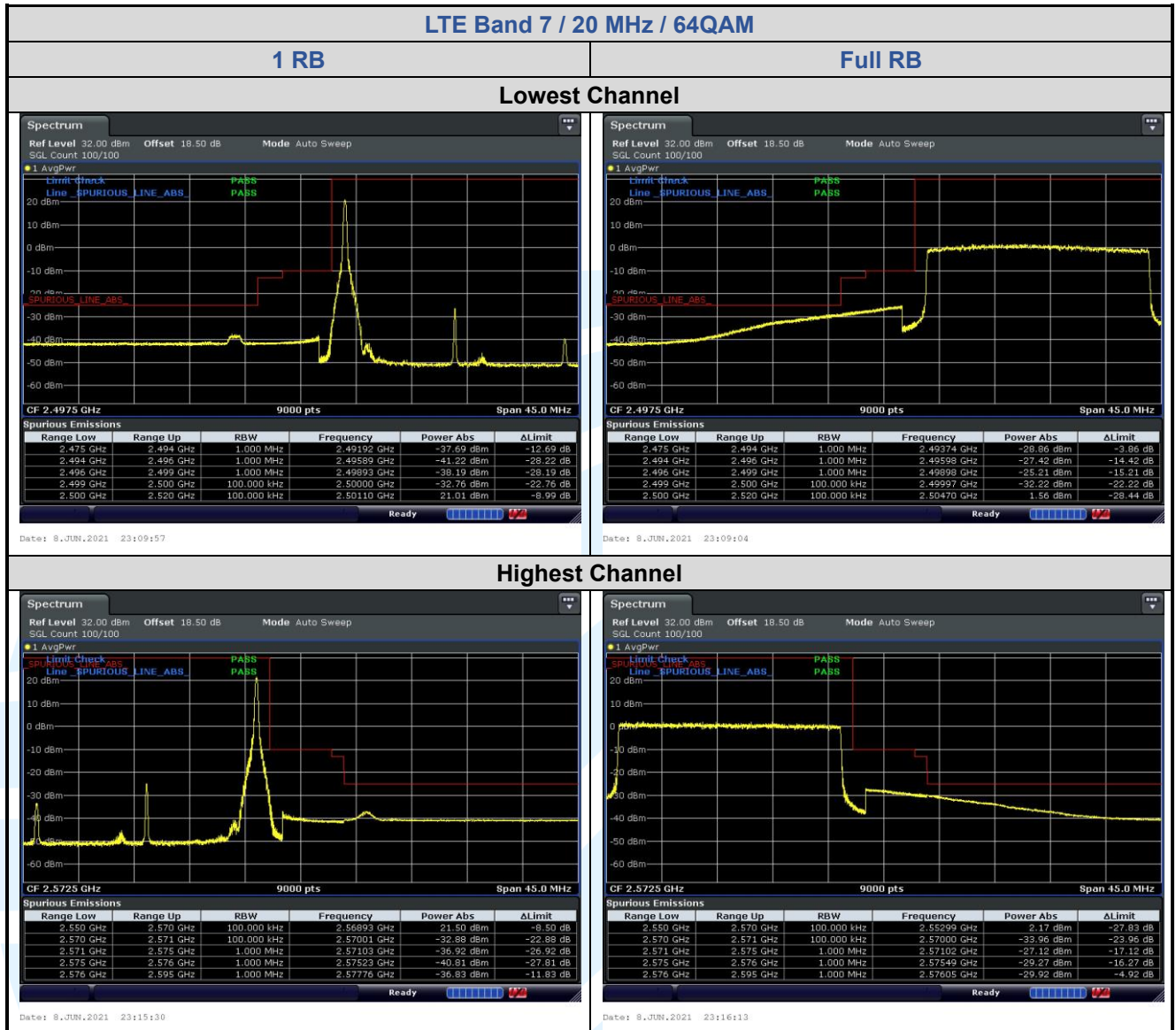












5.7 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

Test Requirement: LTE Band 2: FCC 47 CFR Part 24.238(a)
LTE Band 4: FCC 47 CFR Part 27.53(h)
LTE Band 5: FCC 47 CFR Part 22.917(a)
LTE Band 7: FCC 47 CFR Part 27.53(m)(4)
Test Method: ANSI C63.26-2015 & KDB 971168 D01v03r01

Limit:

FCC 47 CFR Part 24.238(a), 27.53(h)(1), 22.917(a):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. The emission limit equal to -13 dBm.

FCC 47 CFR Part 27.53(m)(4):

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. The emission limit equal to -25 dBm.

Test Procedure:

The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range. b. Measuring frequency range is from 30 MHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

Test Setup: Refer to section 4.2.2 for details.

Instruments Used: Refer to section 3 for details

Test Mode: Link mode

Test Results: Pass

5.7.1 LTE Band 2

