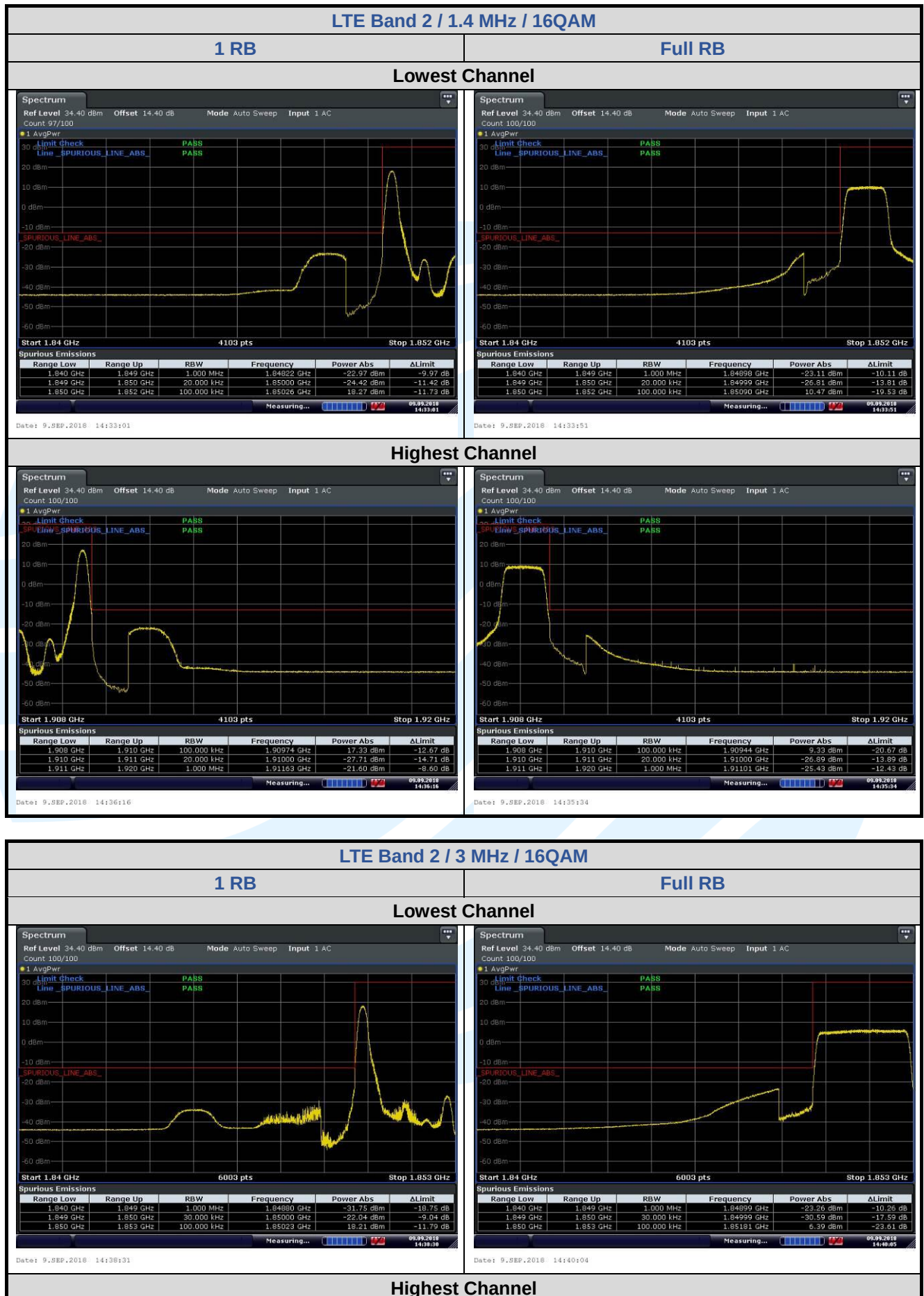
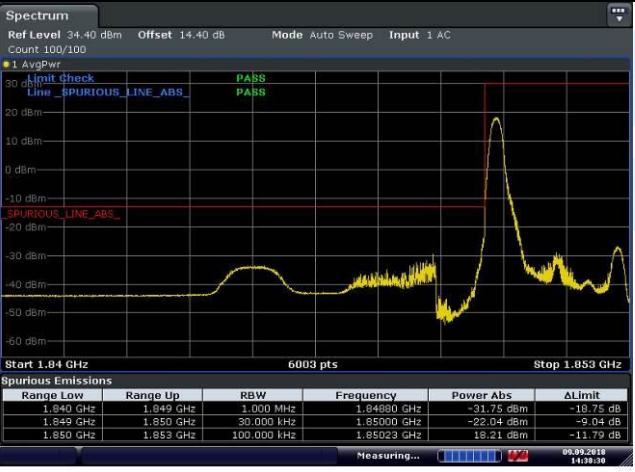



LTE Band 2 / 3 MHz / 16QAM
1 RB
Full RB
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84880 GHz	-31.75 dBm	-18.75 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-22.04 dBm	-9.04 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85023 GHz	18.21 dBm	-11.79 dB

Date: 9.SEP.2018 14:38:31

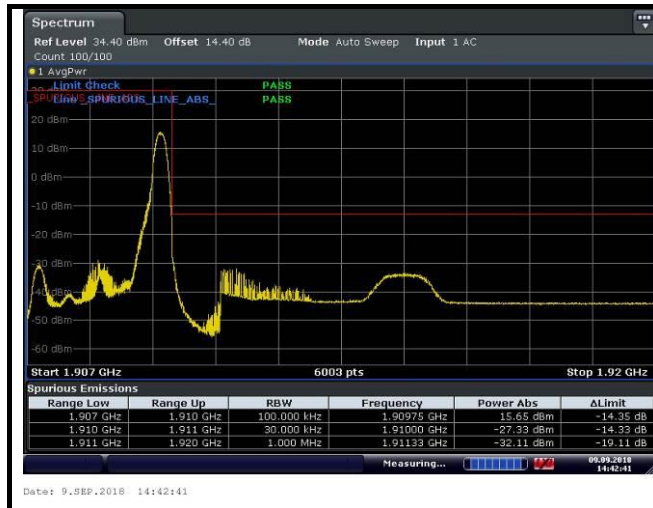


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-23.26 dBm	-10.26 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.84999 GHz	-30.59 dBm	-17.59 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85181 GHz	6.39 dBm	-23.61 dB

Date: 9.SEP.2018 14:40:04

Highest Channel



LTE Band 2 / 5 MHz / 16QAM

1 RB

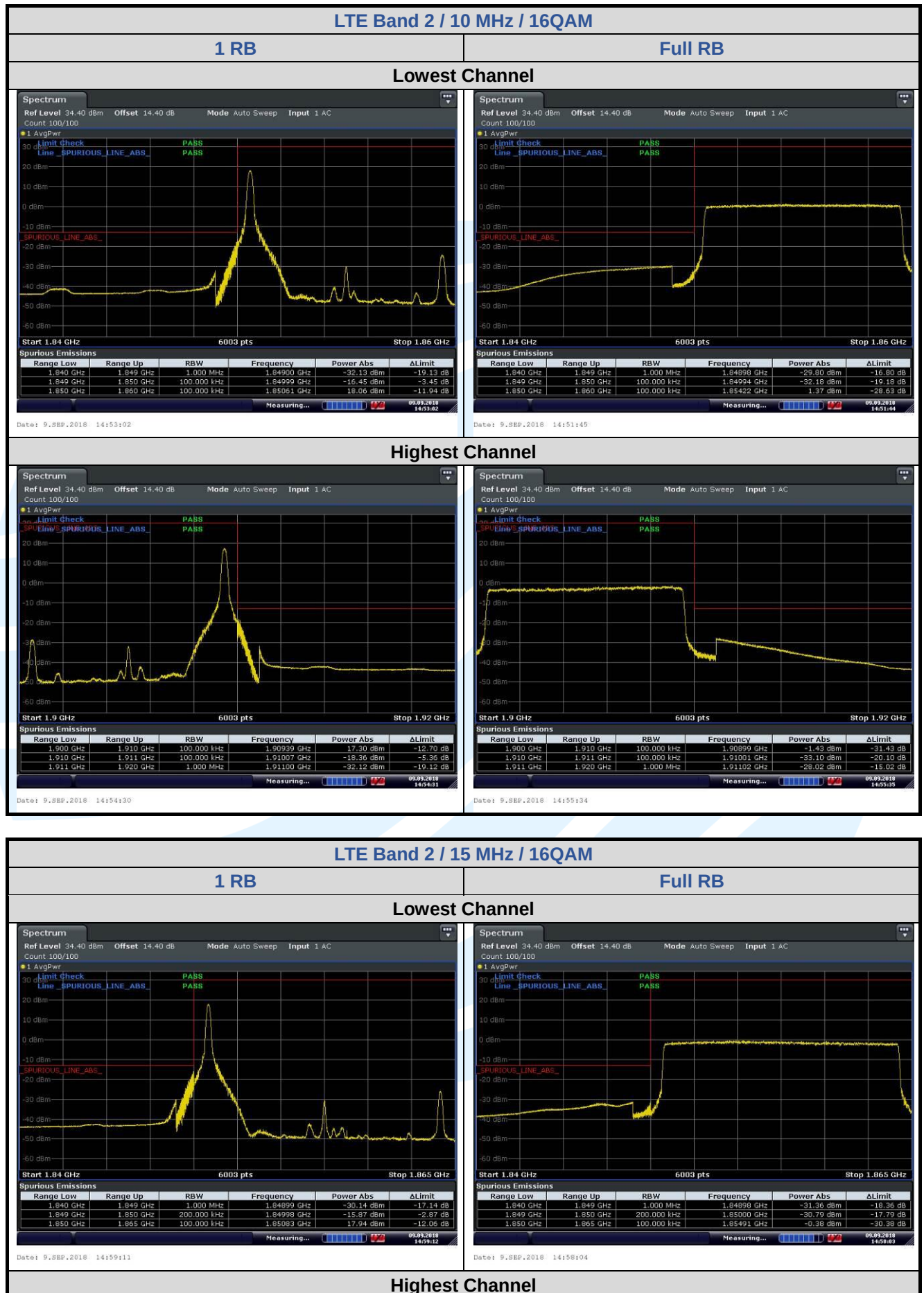
Full RB

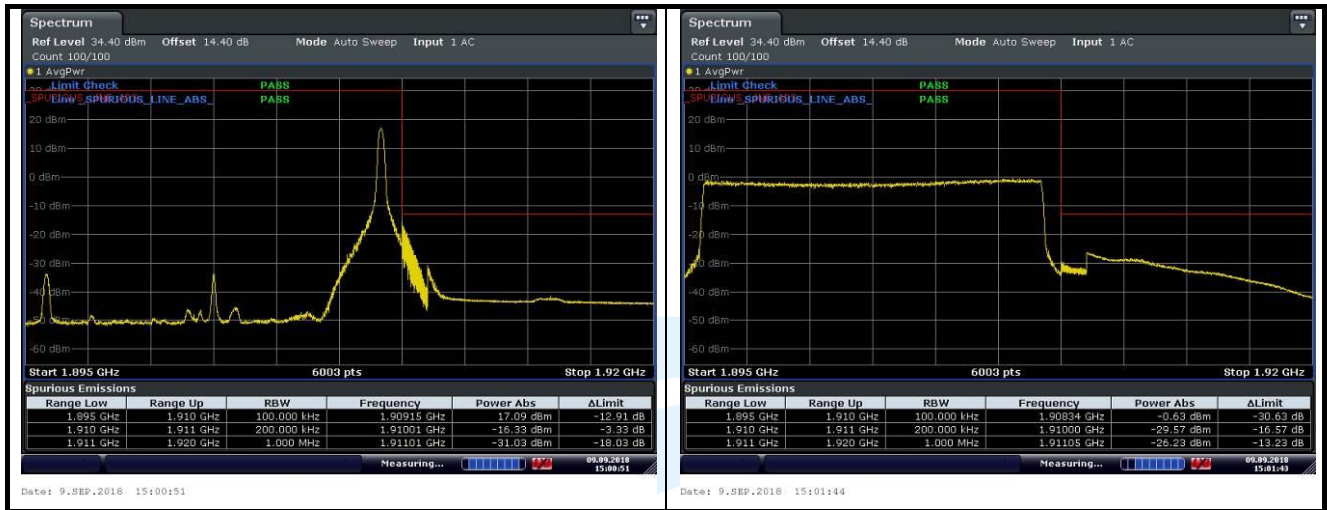
Lowest Channel



Highest Channel





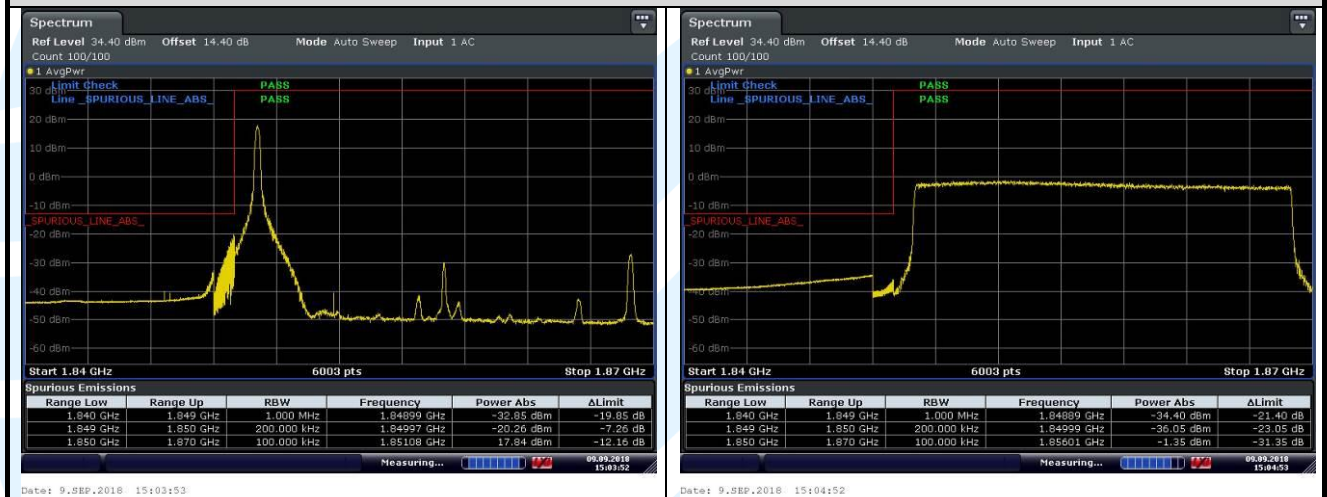


LTE Band 2 / 20 MHz / 16QAM

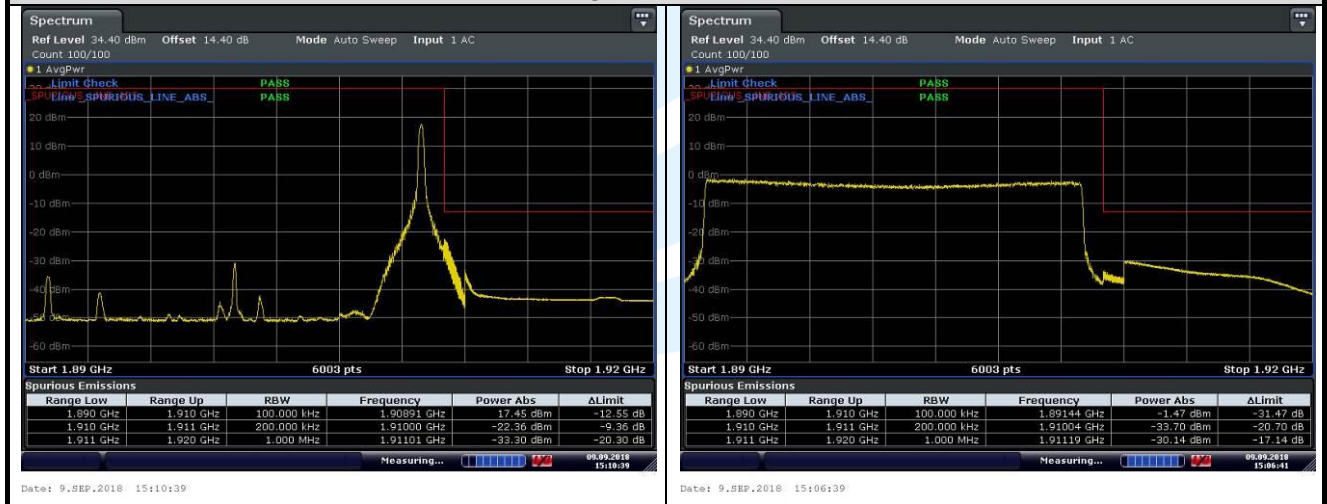
1 RB

Full RB

Lowest Channel



Highest Channel



5.7 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

Test Requirement: FCC 47 CFR Part 2.1051 & FCC 47 CFR Part 24.238(a)(b)

Test Method: ANSI/TIA-603-E-2016 & KDB 971168 D01v03r01

Limit:

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

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.

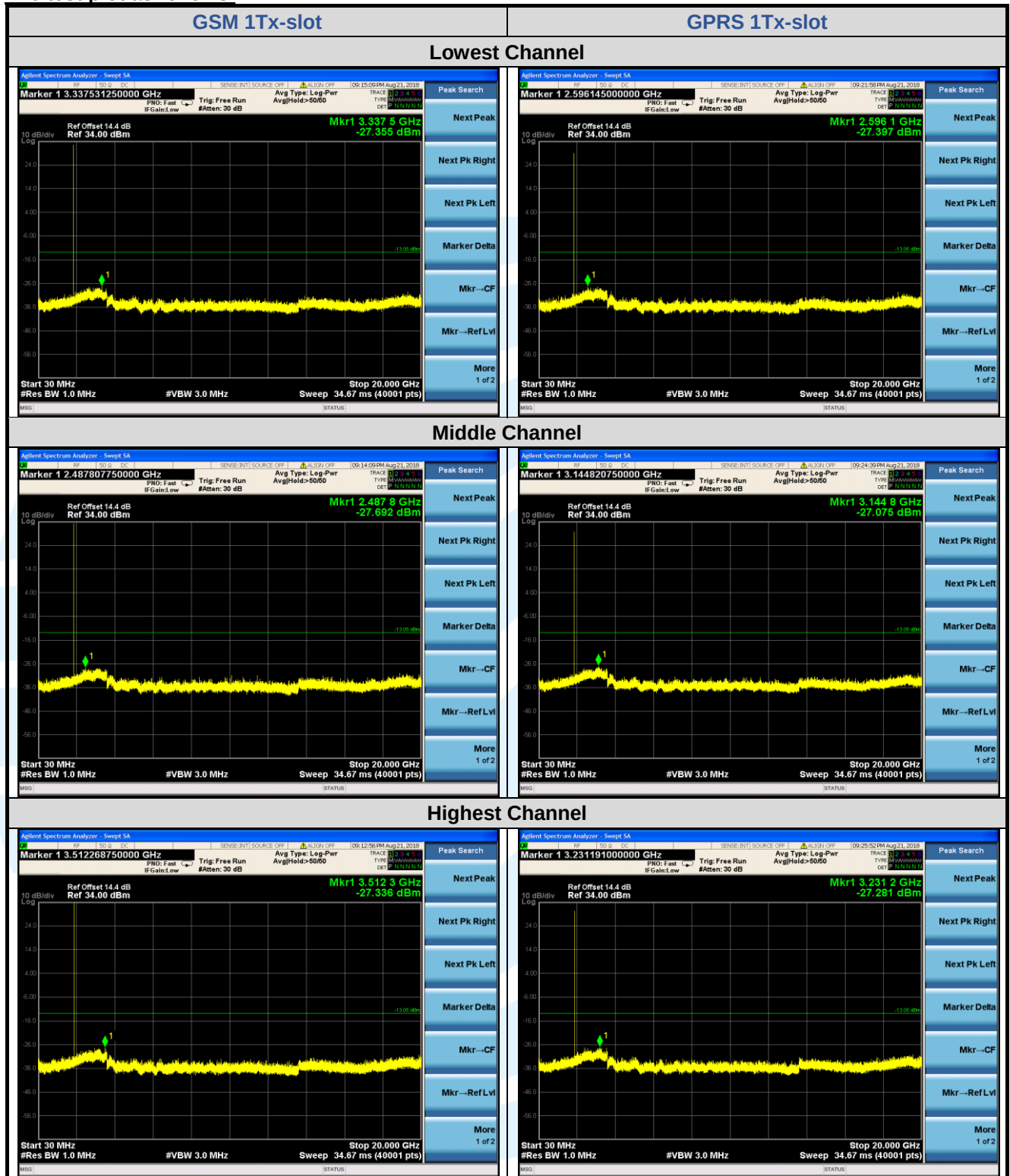
Test Setup: Refer to section 4.2.2 for details.

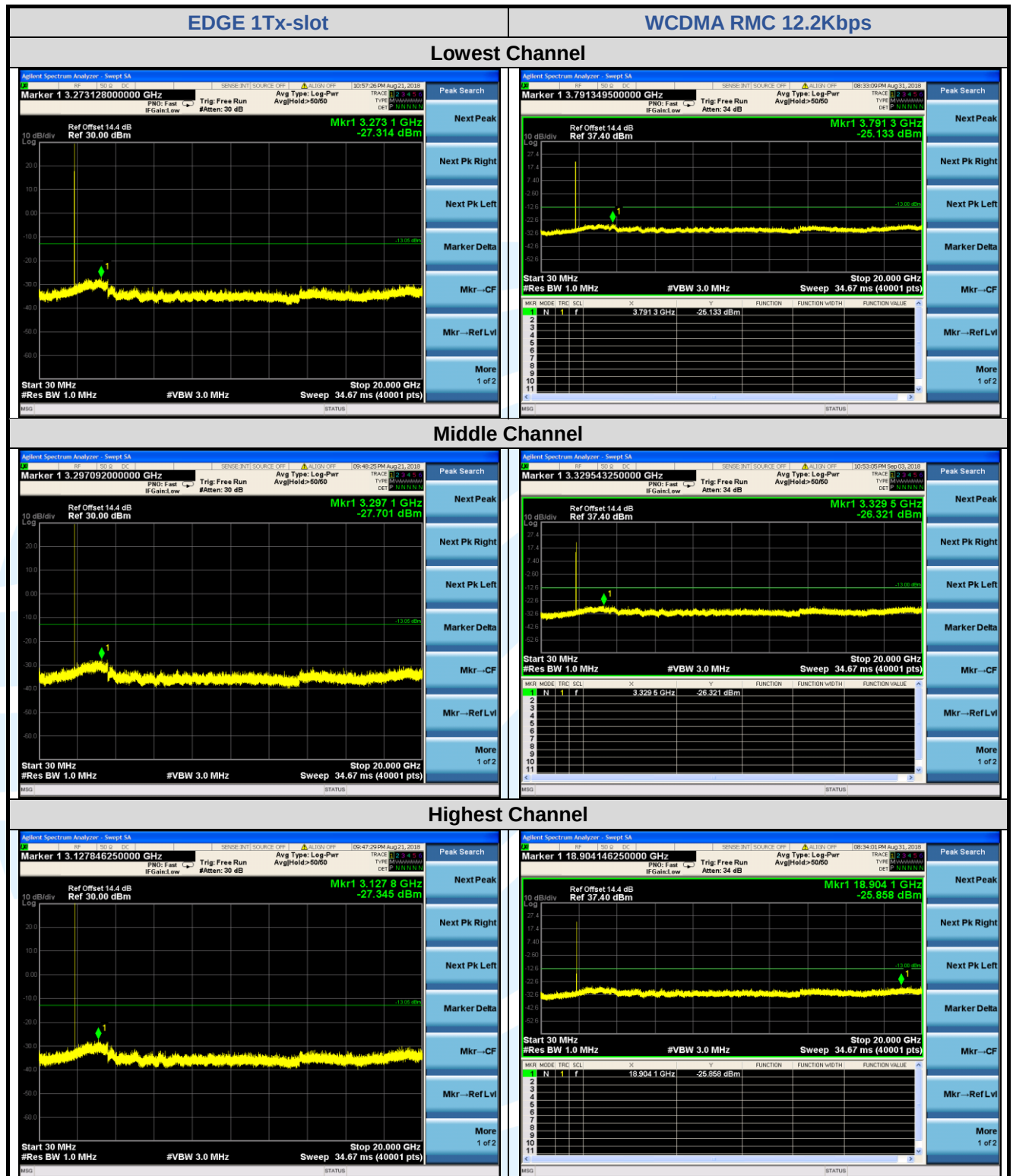
Instruments Used: Refer to section 3 for details

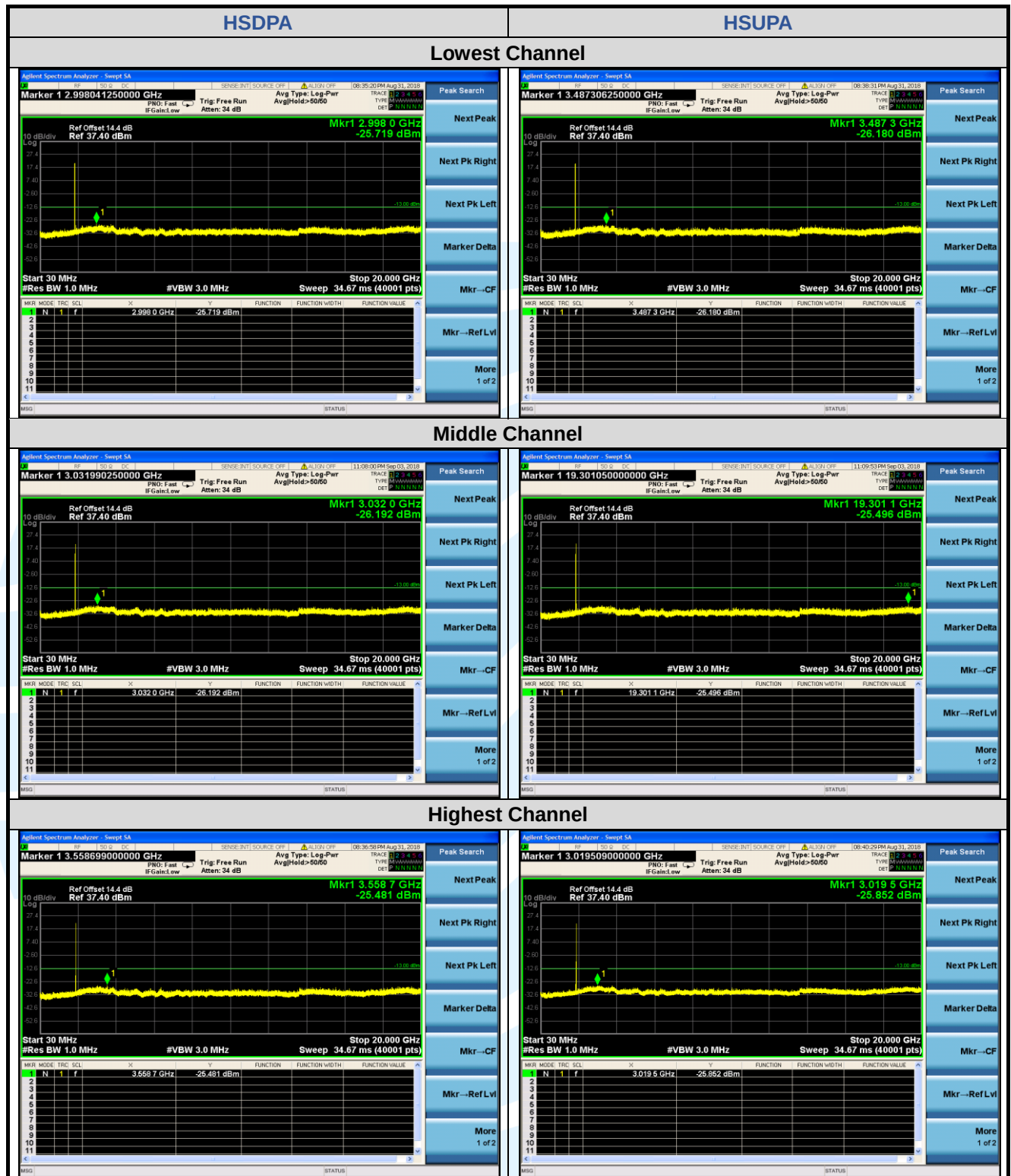
Test Mode: Link mode

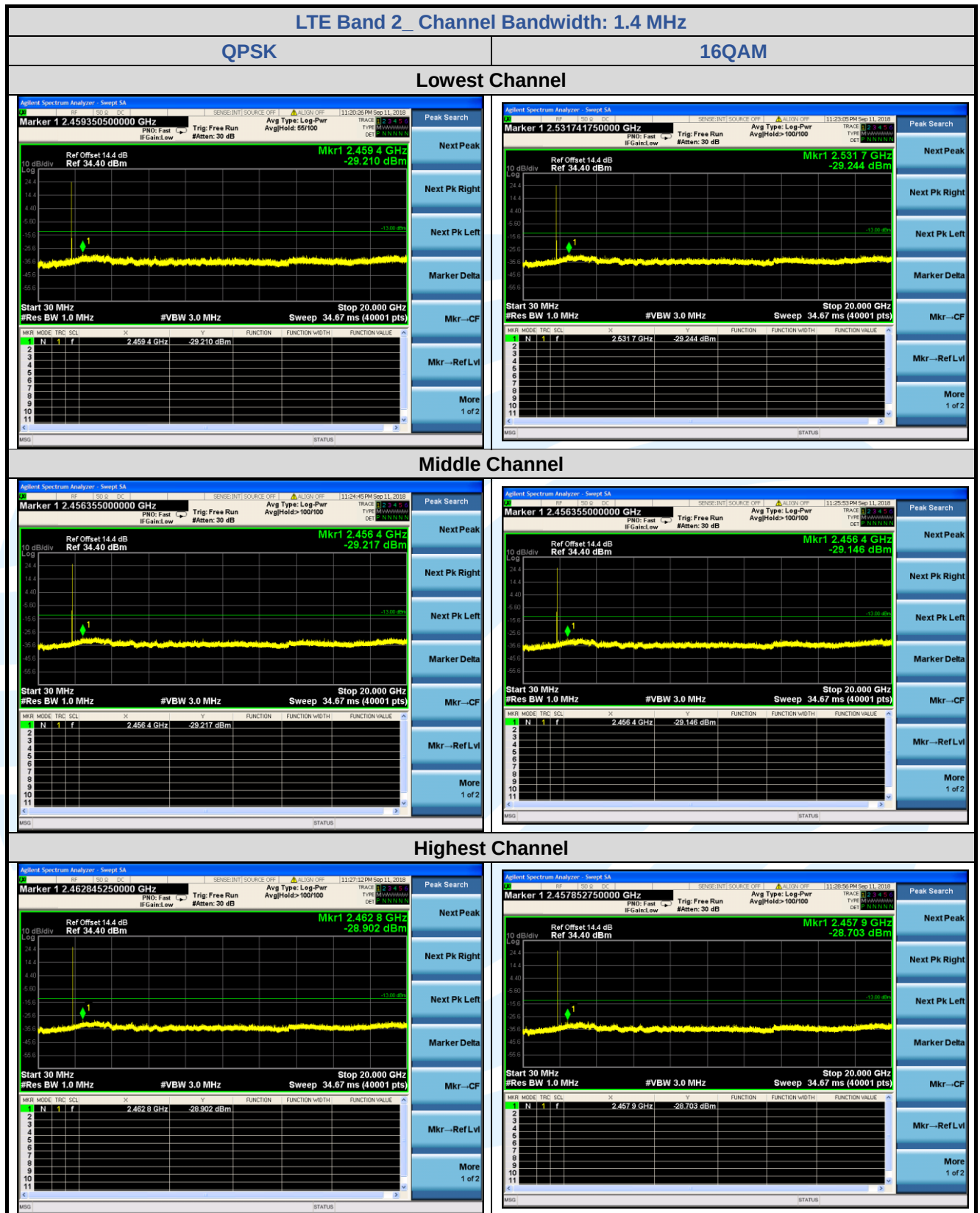
Test Results: Pass

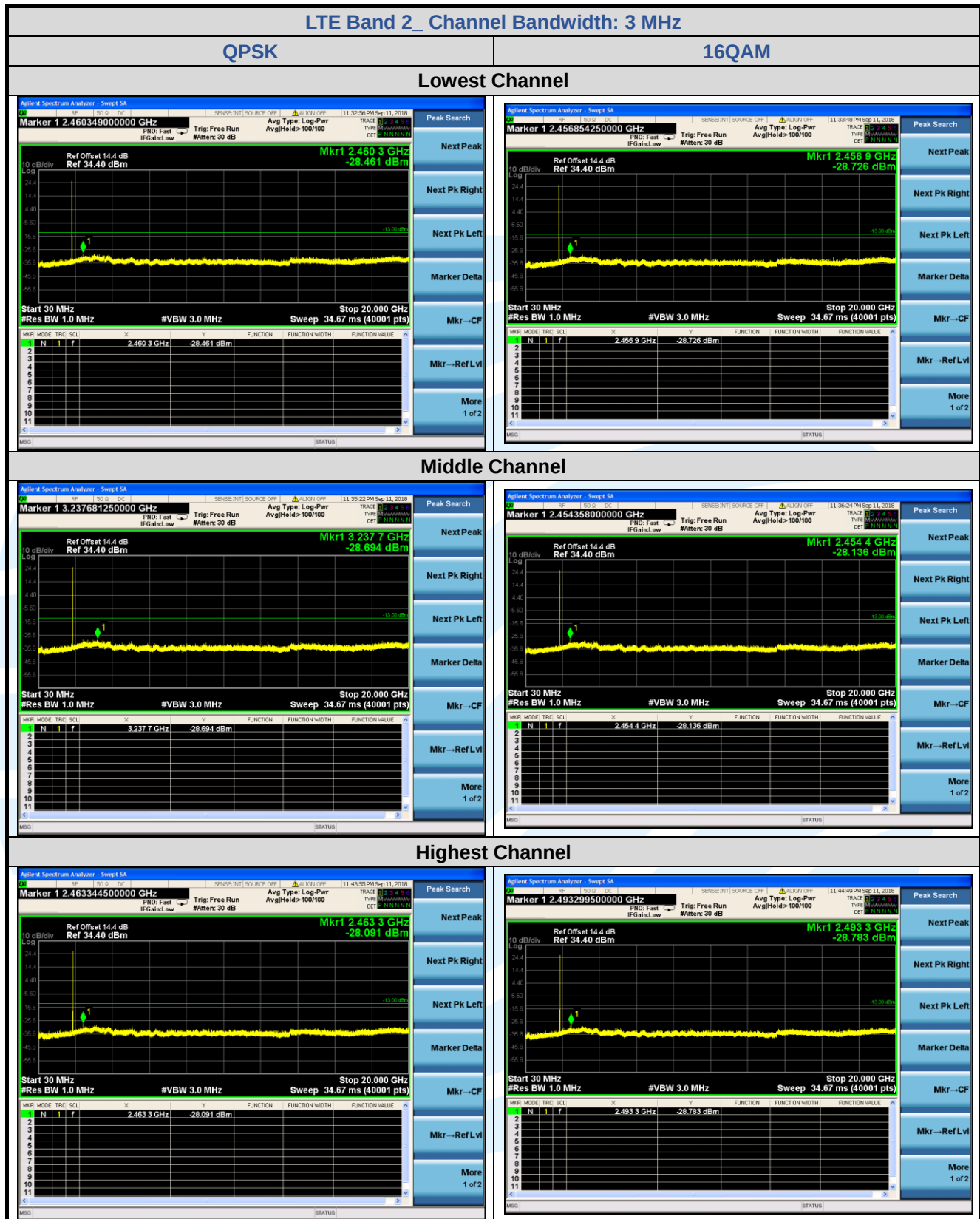
The test plot as follows:

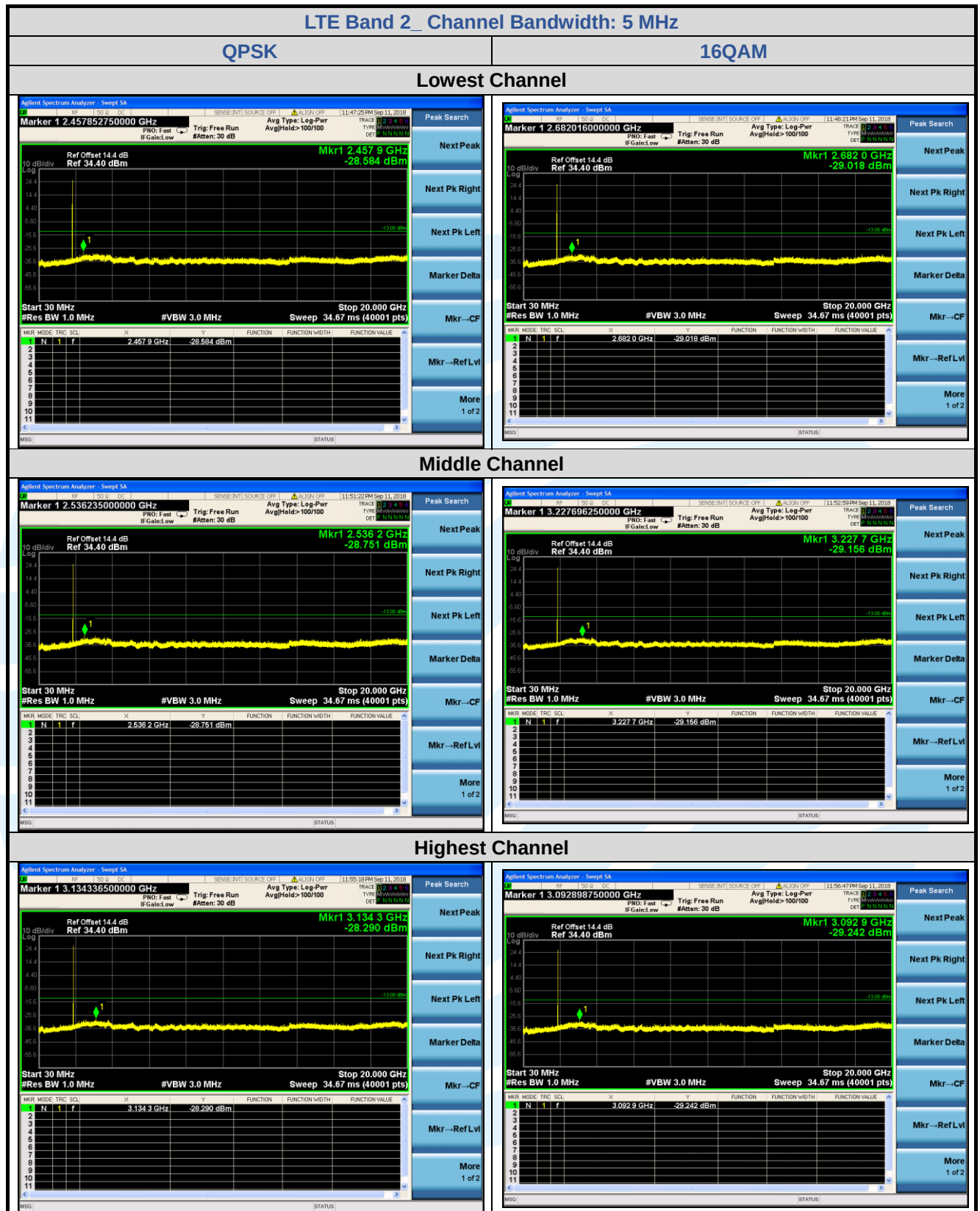


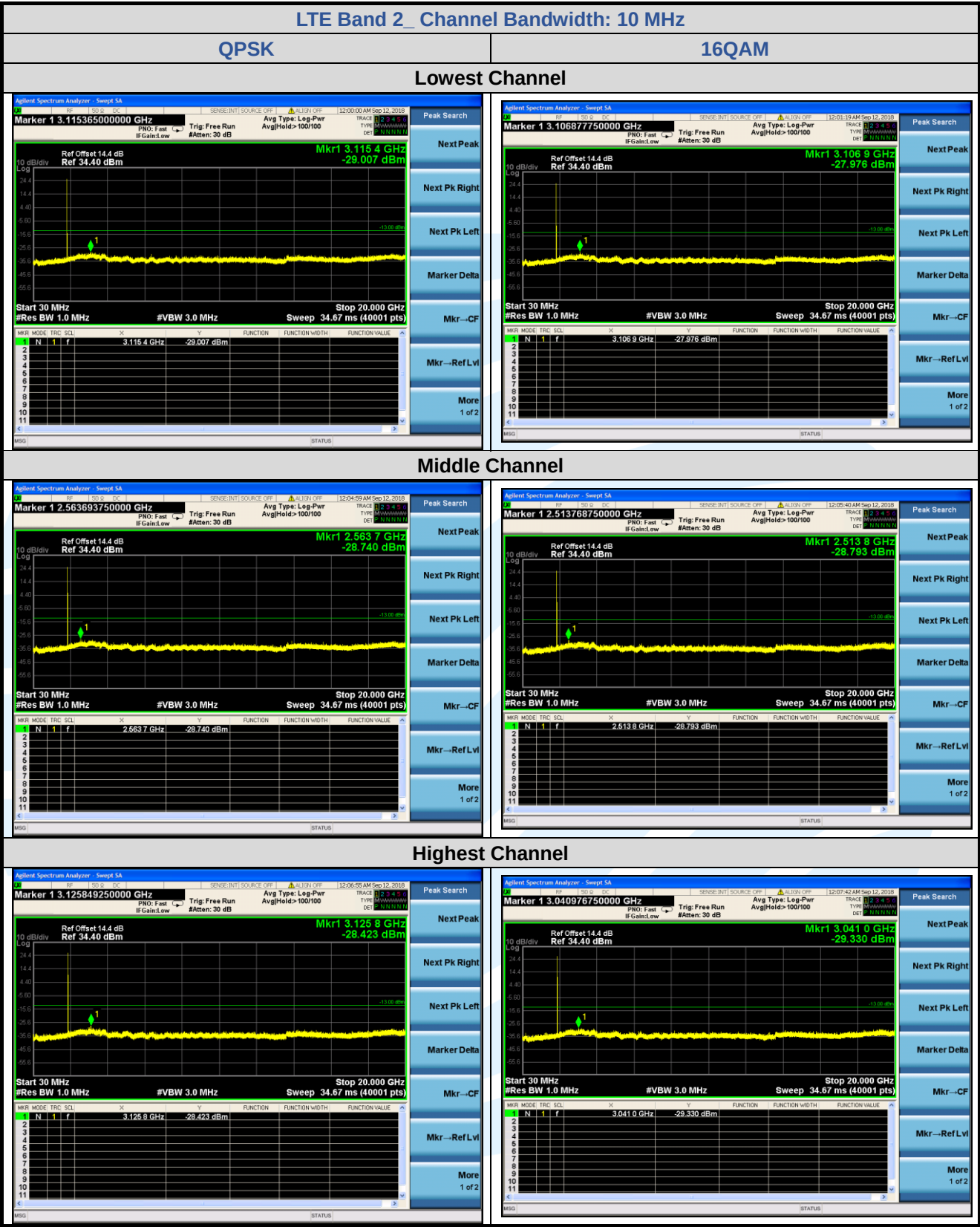












Middle Channel

Agilent Spectrum Analyzer - Sweep SA

Marker 1 2.563693750000 GHz

Ref Offset 14.4 dB
Ref 34.40 dBm

Mkr1 2.563 7 GHz
-28.740 dBm

Start 30 MHz
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 34.67 ms (40001 pts)

Stop 20.000 GHz

1

2

3

4

5

6

7

8

9

10

11

MSG

STATUS

Peak Search

NextPeak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2

Agilent Spectrum Analyzer - Sweep SA

Marker 1 2.513768750000 GHz

Ref Offset 14.4 dB
Ref 34.40 dBm

Mkr1 2.513 8 GHz
-28.793 dBm

Start 30 MHz
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 34.67 ms (40001 pts)

Stop 20.000 GHz

1

2

3

4

5

6

7

8

9

10

11

MSG

STATUS

Peak Search

NextPeak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2

Highest Channel

Agilent Spectrum Analyzer - Sweep SA

Marker 1 3.125849250000 GHz

Ref Offset 14.4 dB
Ref 34.40 dBm

Mkr1 3.125 8 GHz
-28.423 dBm

Start 30 MHz
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 34.67 ms (40001 pts)

Stop 20.000 GHz

1

2

3

4

5

6

7

8

9

10

11

MSG

STATUS

Peak Search

NextPeak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2

Agilent Spectrum Analyzer - Sweep SA

Marker 1 3.040976750000 GHz

Ref Offset 14.4 dB
Ref 34.40 dBm

Mkr1 3.041 0 GHz
-29.330 dBm

Start 30 MHz
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 34.67 ms (40001 pts)

Stop 20.000 GHz

1

2

3

4

5

6

7

8

9

10

11

MSG

STATUS

Peak Search

NextPeak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2