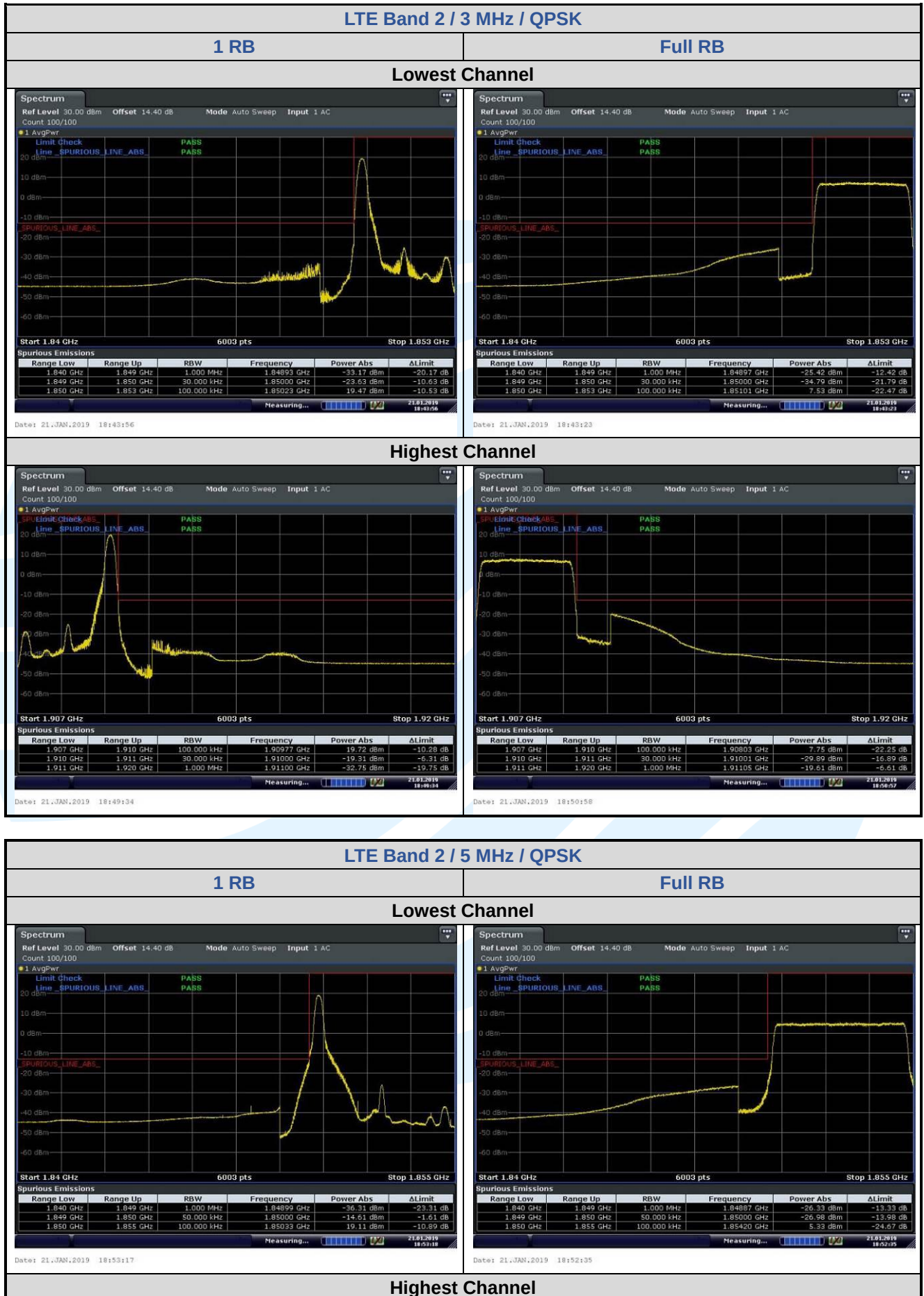


**LTE Band 2 / 5 MHz / QPSK**
1 RB
Full RB
Lowest Channel

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-36.31 dBm	-23.31 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-14.61 dBm	-1.61 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85033 GHz	19.11 dBm	-10.89 dB

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-26.33 dBm	-13.33 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-26.98 dBm	-13.98 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85420 GHz	5.33 dBm	-24.67 dB

Highest Channel

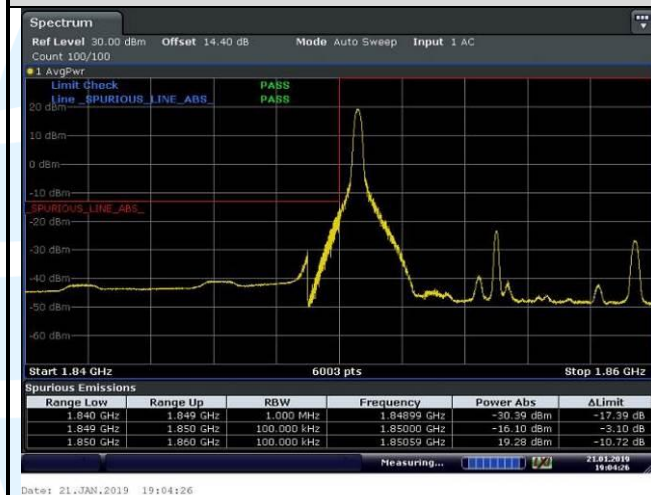


LTE Band 2 / 10 MHz / QPSK

1 RB

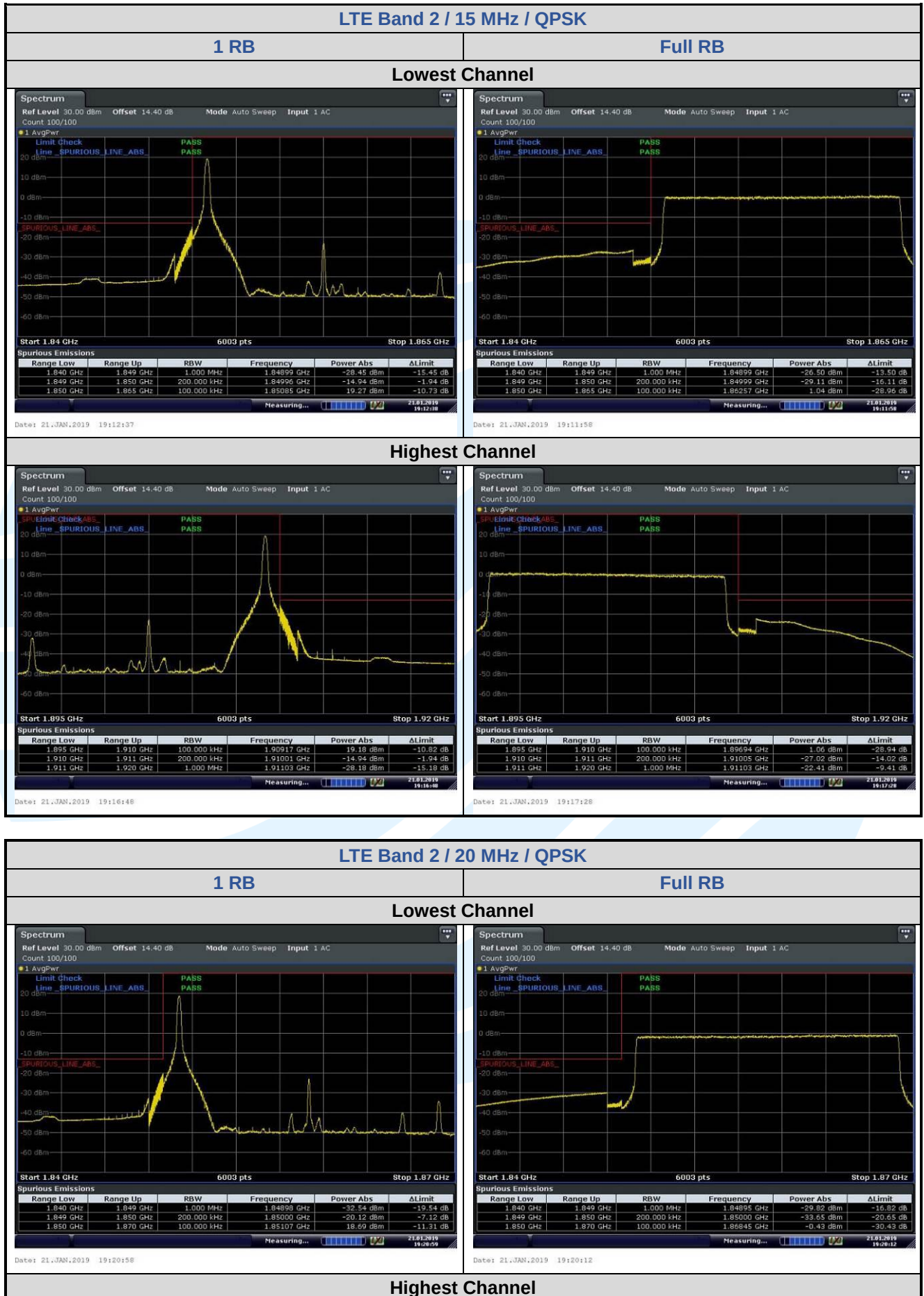
Full RB

Lowest Channel



Highest Channel



**LTE Band 2 / 20 MHz / QPSK**
1 RB
Full RB
Lowest Channel



Spurious Emissions

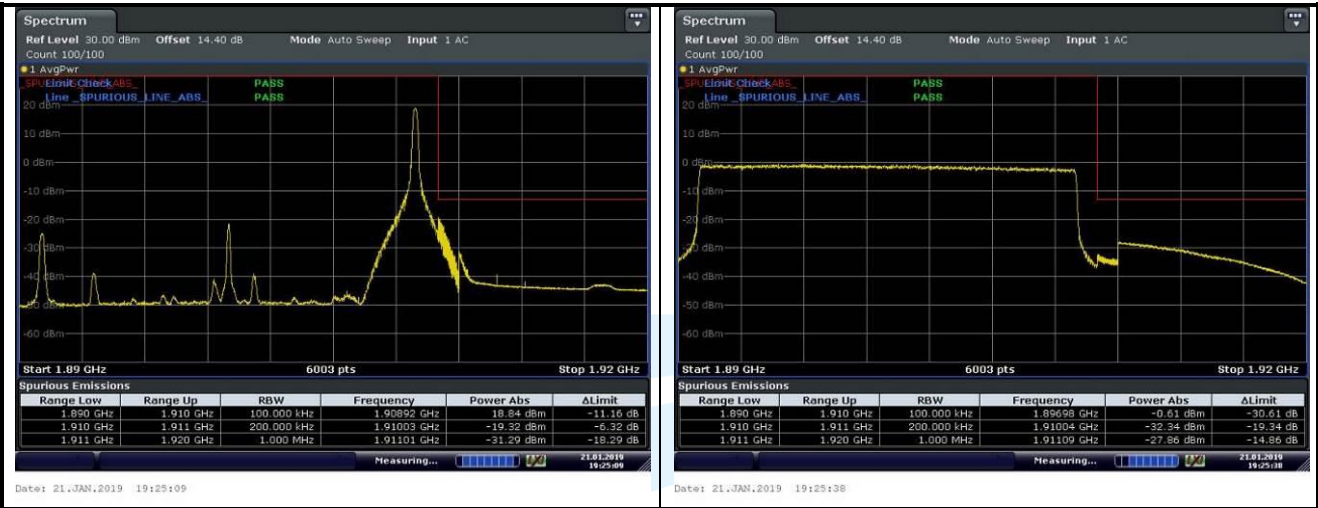
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-32.54 dBm	-19.54 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.85000 GHz	-20.12 dBm	-7.12 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85107 GHz	18.69 dBm	-11.31 dB



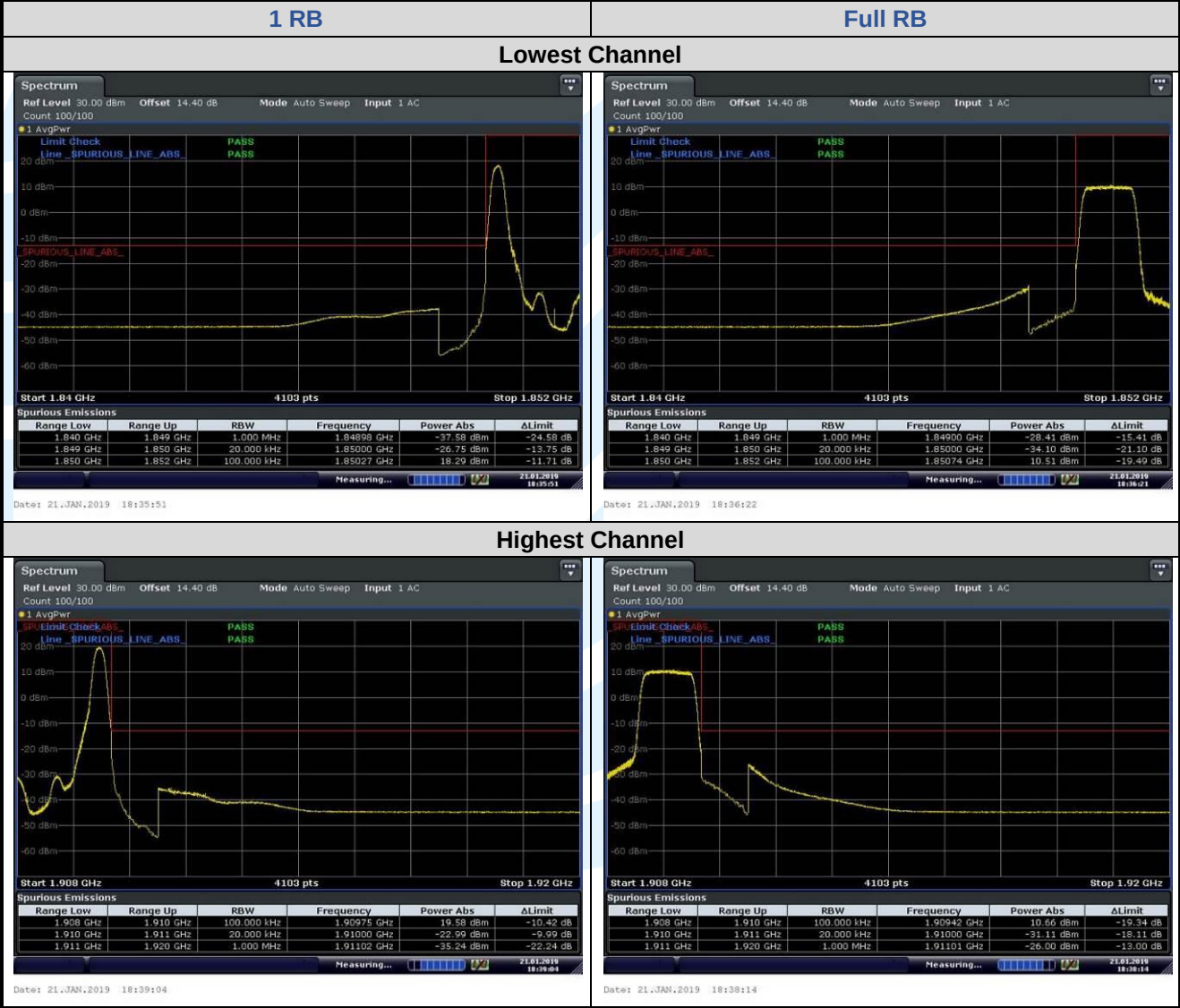
Spurious Emissions

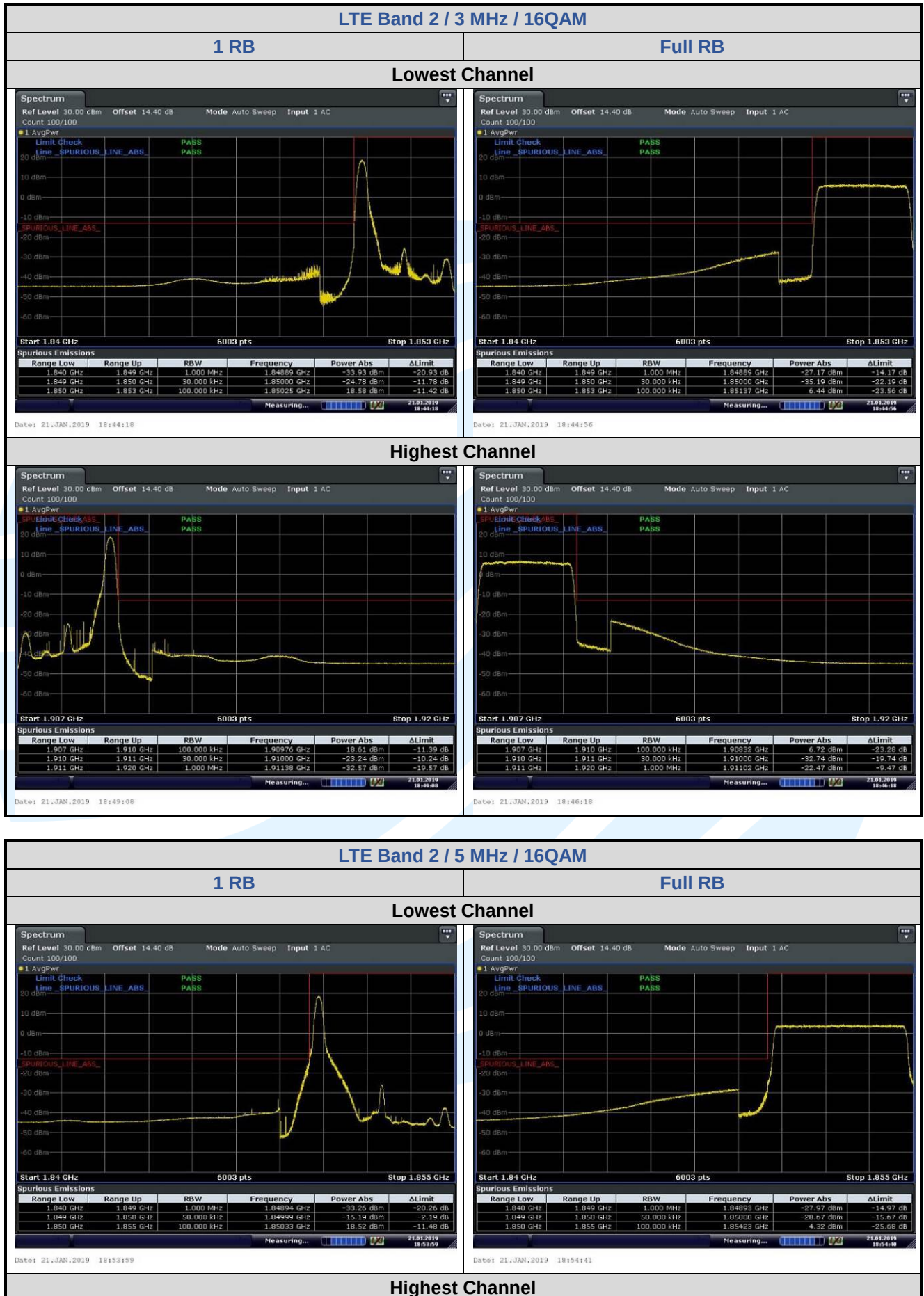
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84895 GHz	-29.82 dBm	-16.82 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.85000 GHz	-33.65 dBm	-20.65 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86845 GHz	-0.43 dBm	-30.43 dB

Date: 21.JAN.2019 19:20:56
Date: 21.JAN.2019 19:20:12
Highest Channel



LTE Band 2 / 1.4 MHz / 16QAM



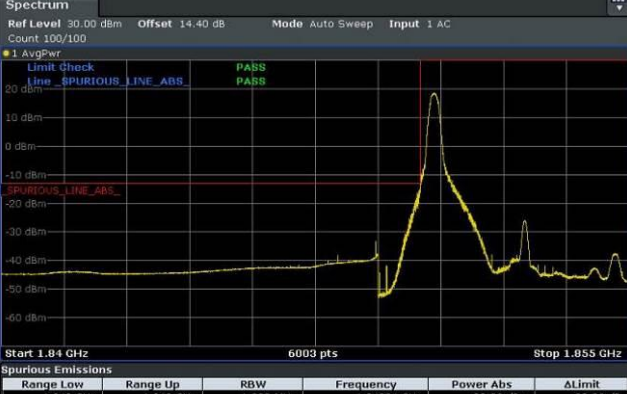

LTE Band 2 / 5 MHz / 16QAM
1 RB
Full RB
Lowest Channel

Spectrum

Ref Level 30.00 dBm Offset 14.40 dB Mode Auto Sweep Input 1 AC
Count 100/100

1 AvgPwr

Limit Check
Line SPURIOUS LINE_ABS PASS PASS



Start 1.84 GHz 6003 pts Stop 1.855 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84893 GHz	-33.26 dBm	-20.26 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-15.19 dBm	-2.19 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85033 GHz	18.52 dBm	-11.48 dB

Measuring... 21.01.2019 18:53:59

Date: 21.JAN.2019 18:53:59

Spectrum

Ref Level 30.00 dBm Offset 14.40 dB Mode Auto Sweep Input 1 AC
Count 100/100

1 AvgPwr

Limit Check
Line SPURIOUS LINE_ABS PASS PASS



Start 1.84 GHz 6003 pts Stop 1.855 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84893 GHz	-27.97 dBm	-14.97 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-28.67 dBm	-15.67 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85423 GHz	4.32 dBm	-25.68 dB

Measuring... 21.01.2019 18:54:41

Date: 21.JAN.2019 18:54:41

Highest Channel

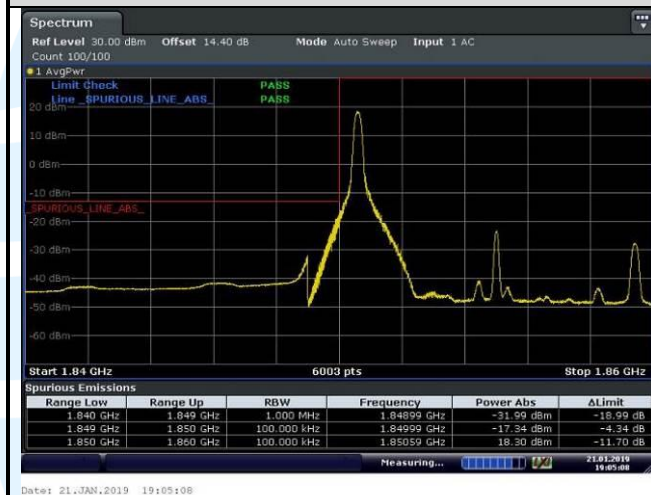


LTE Band 2 / 10 MHz / 16QAM

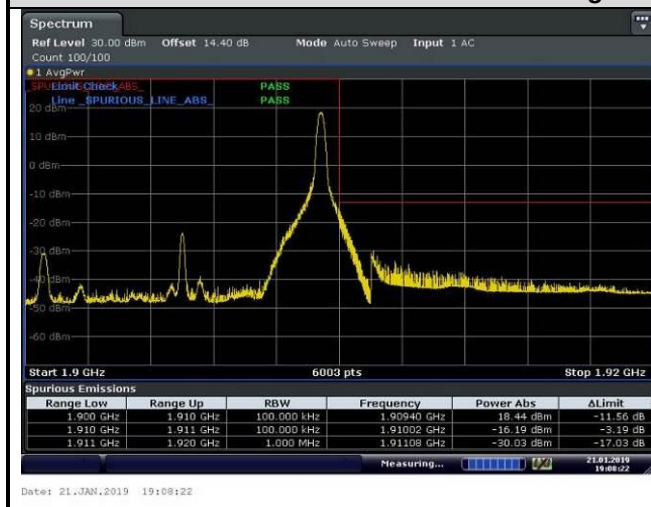
1 RB

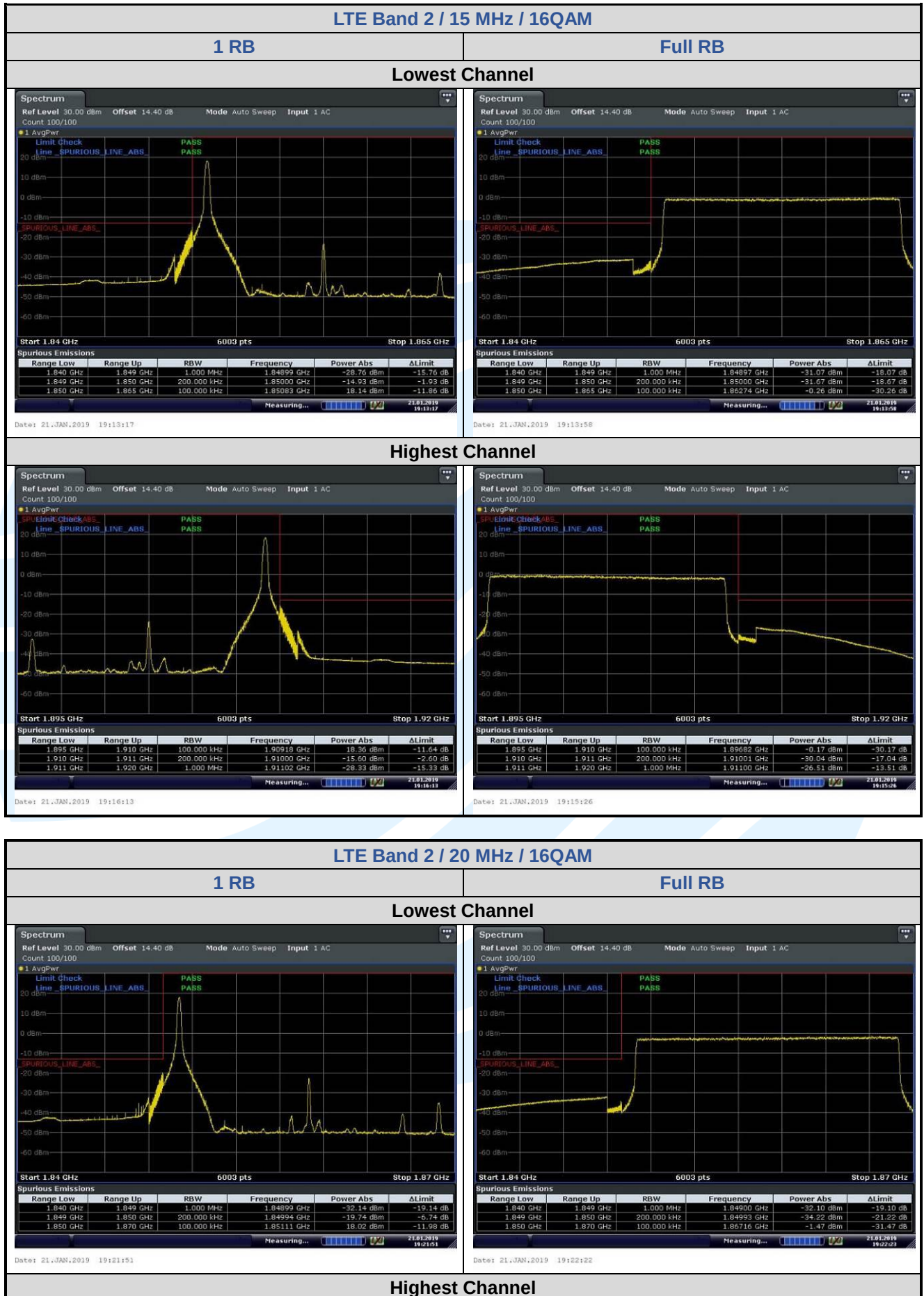
Full RB

Lowest Channel



Highest Channel



**LTE Band 2 / 20 MHz / 16QAM**
1 RB
Full RB
Lowest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-32.14 dBm	-19.14 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84994 GHz	-19.74 dBm	-6.74 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.85111 GHz	18.02 dBm	-11.98 dB

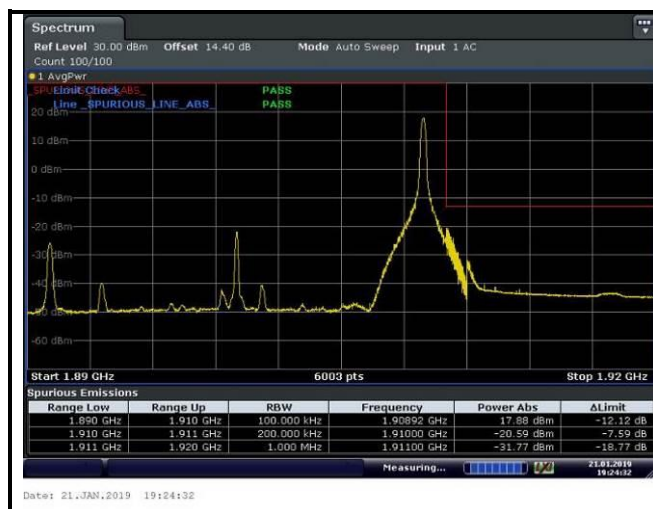
Date: 21.JAN.2019 19:21:51



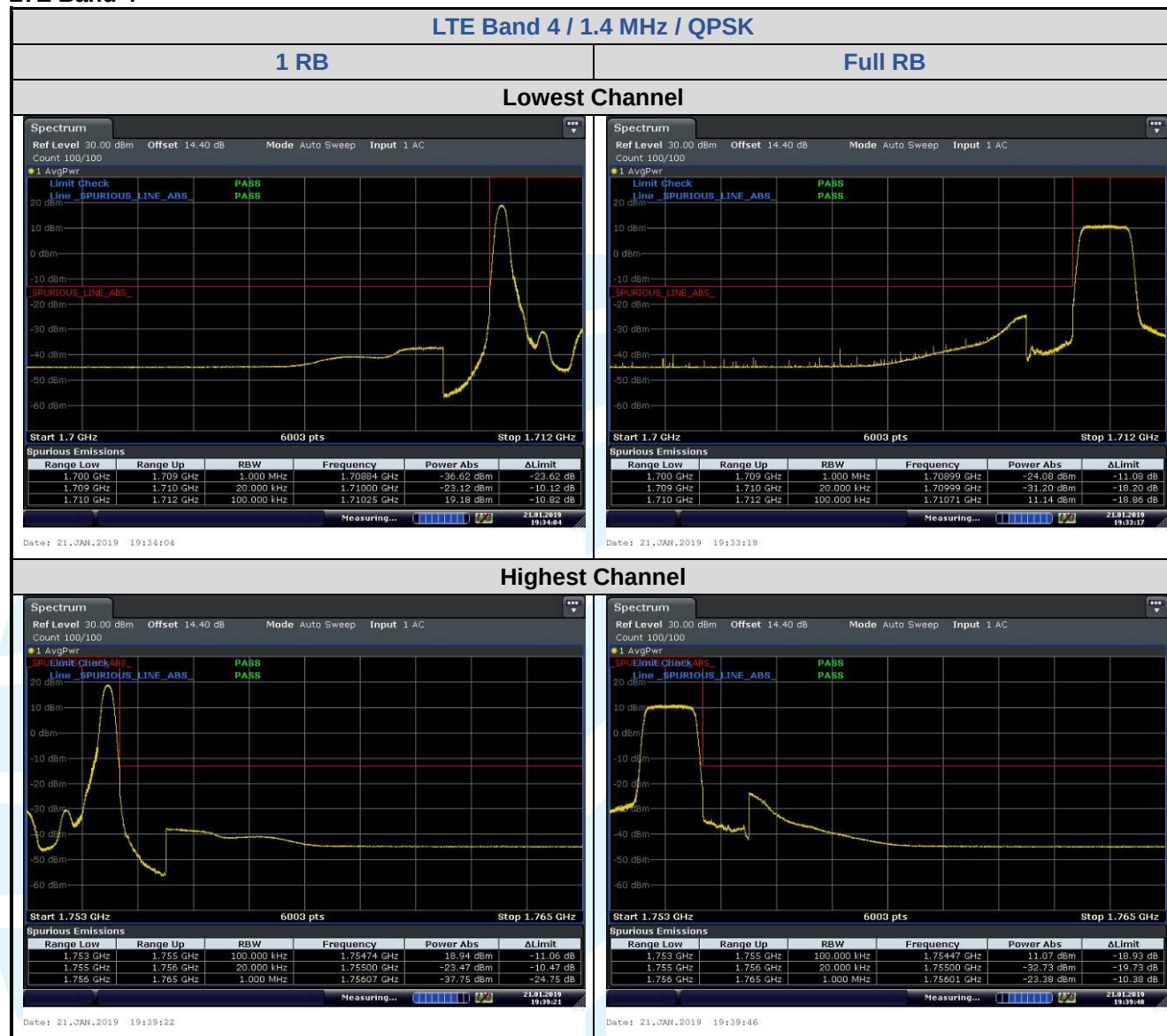
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-32.10 dBm	-19.10 dB
1.849 GHz	1.850 GHz	200.000 kHz	1.84993 GHz	-34.22 dBm	-21.22 dB
1.850 GHz	1.870 GHz	100.000 kHz	1.86716 GHz	-1.47 dBm	-31.47 dB

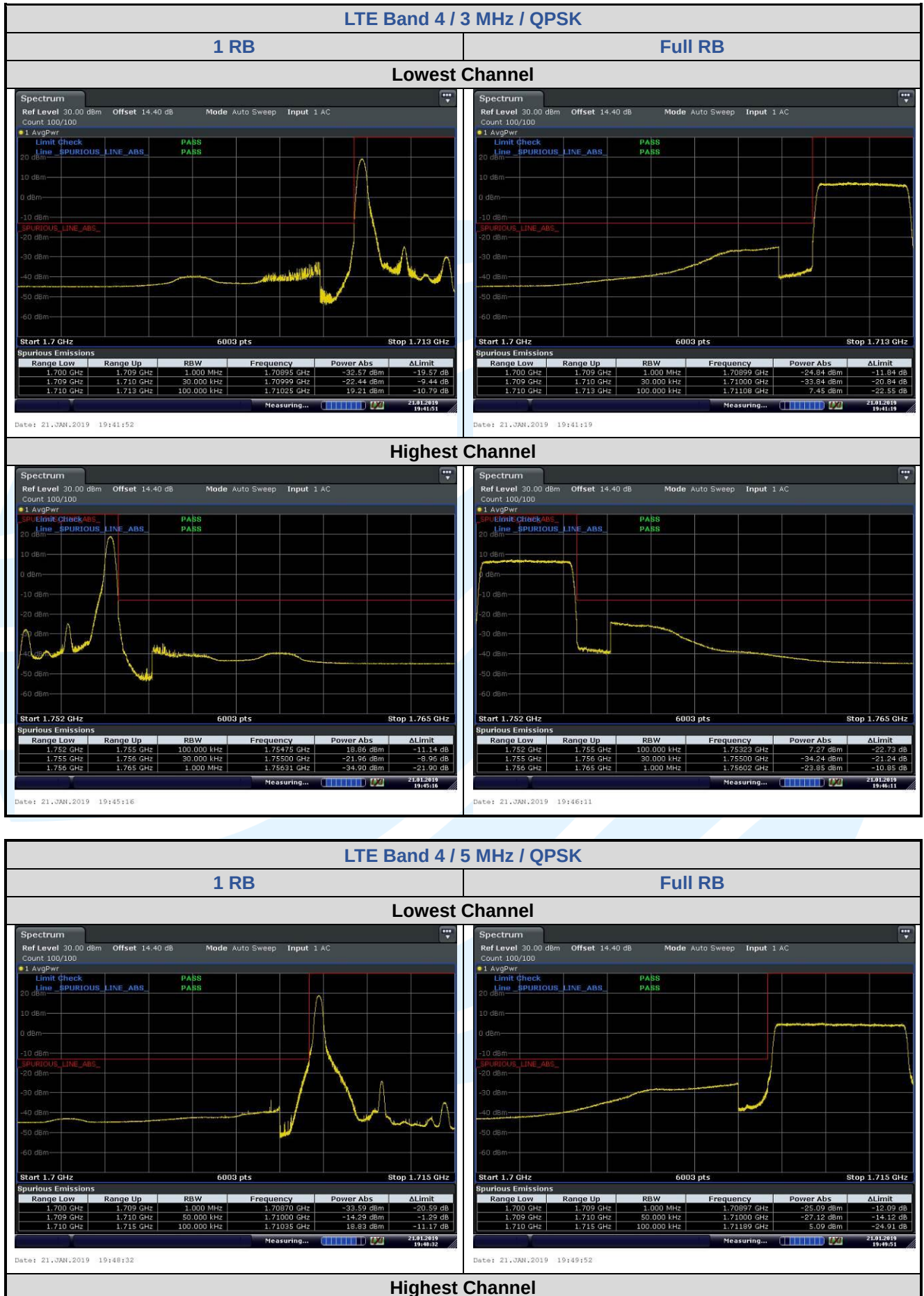
Date: 21.JAN.2019 19:22:22

Highest Channel



LTE Band 4



**LTE Band 4 / 5 MHz / QPSK**
1 RB
Full RB
Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70870 GHz	-33.59 dBm	-20.59 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-14.29 dBm	-1.29 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71035 GHz	18.83 dBm	-11.17 dB

Date: 21.JAN.2019 19:48:32



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-25.09 dBm	-12.09 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-27.12 dBm	-14.12 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71189 GHz	5.09 dBm	-24.91 dB

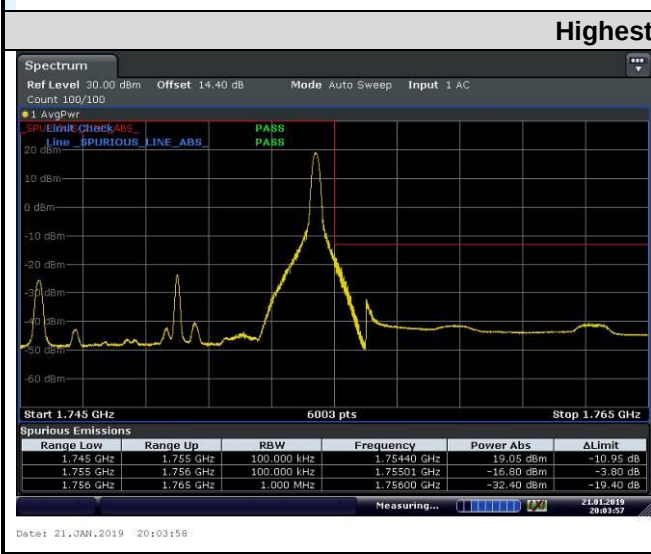
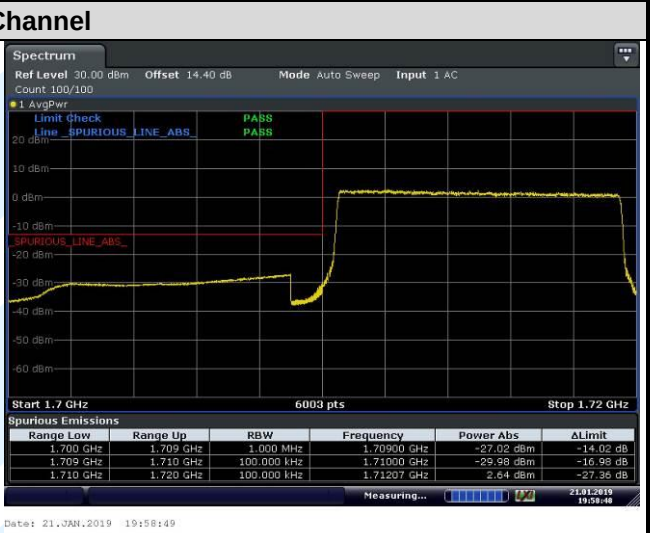
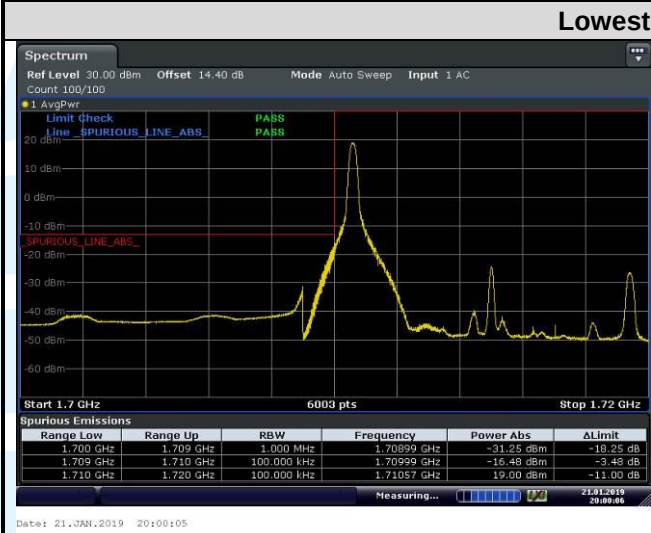
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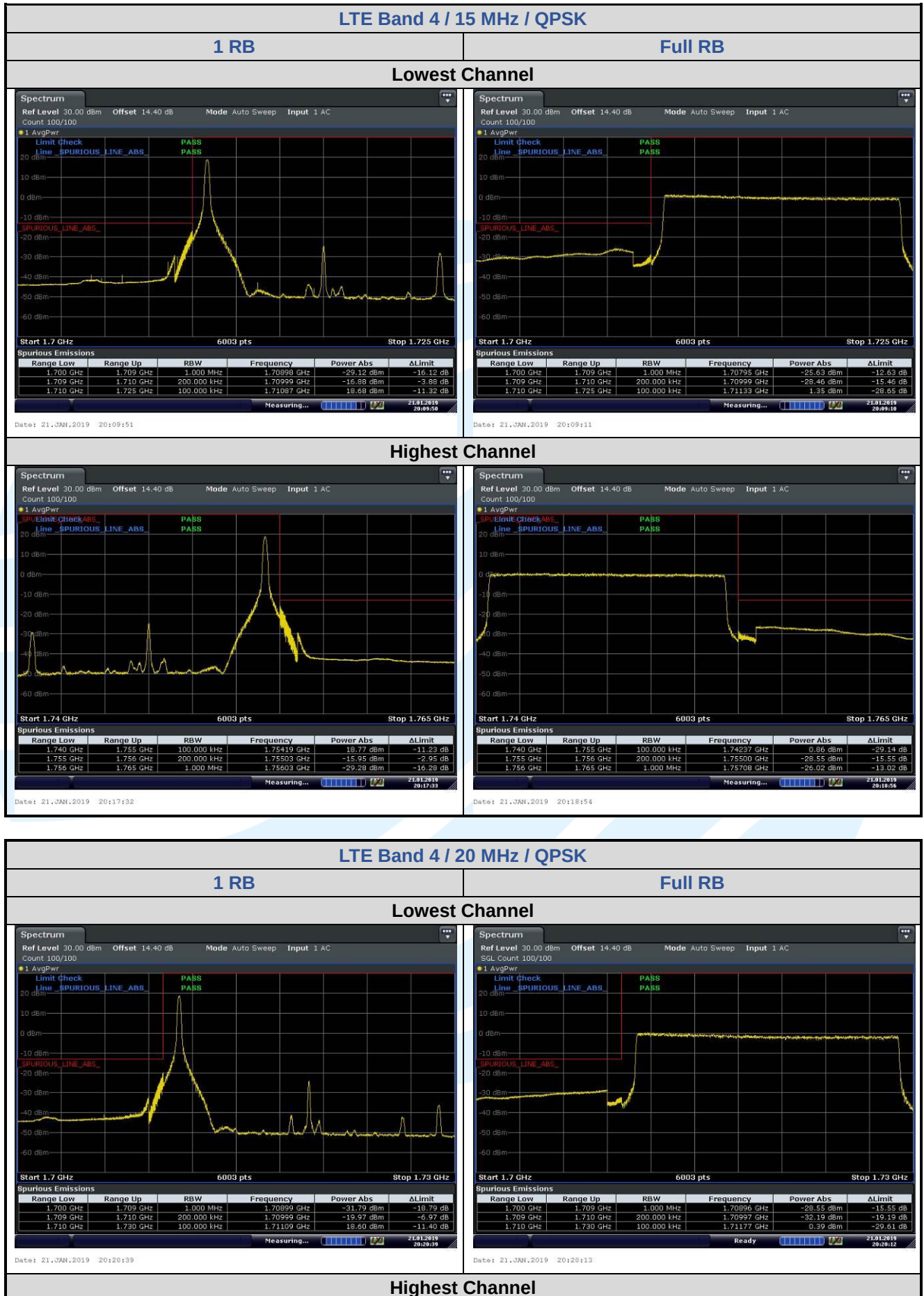
Highest Channel

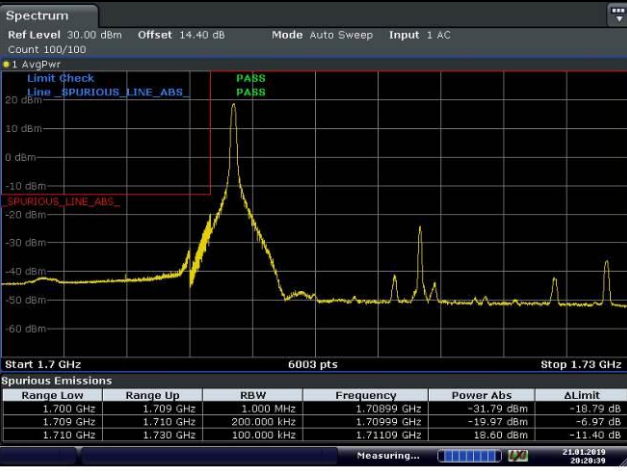


LTE Band 4 / 10 MHz / QPSK

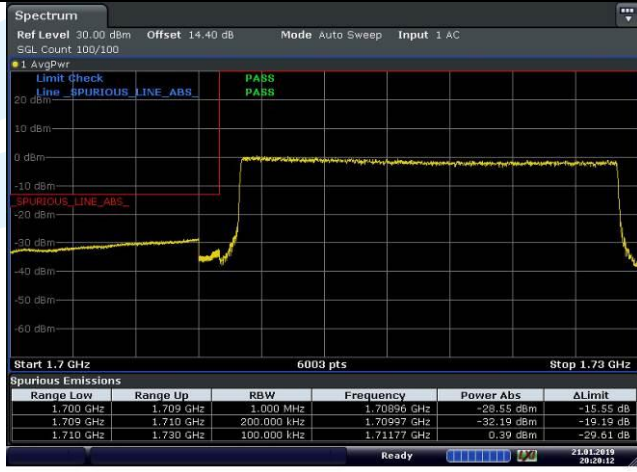
1 RB Full RB



**LTE Band 4 / 20 MHz / QPSK**
1 RB
Full RB
Lowest Channel

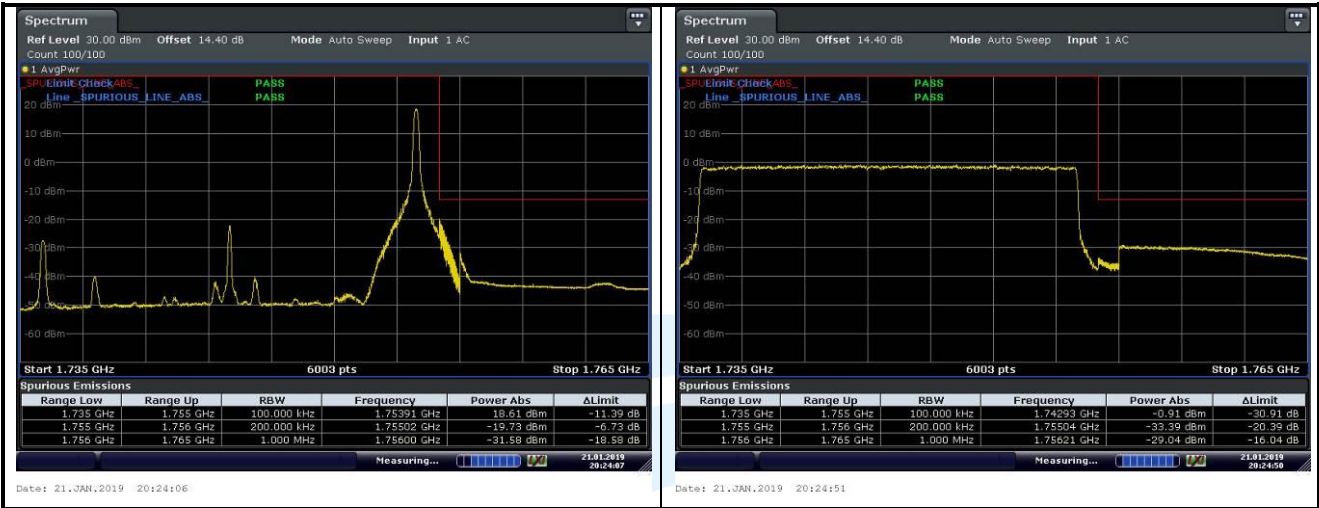


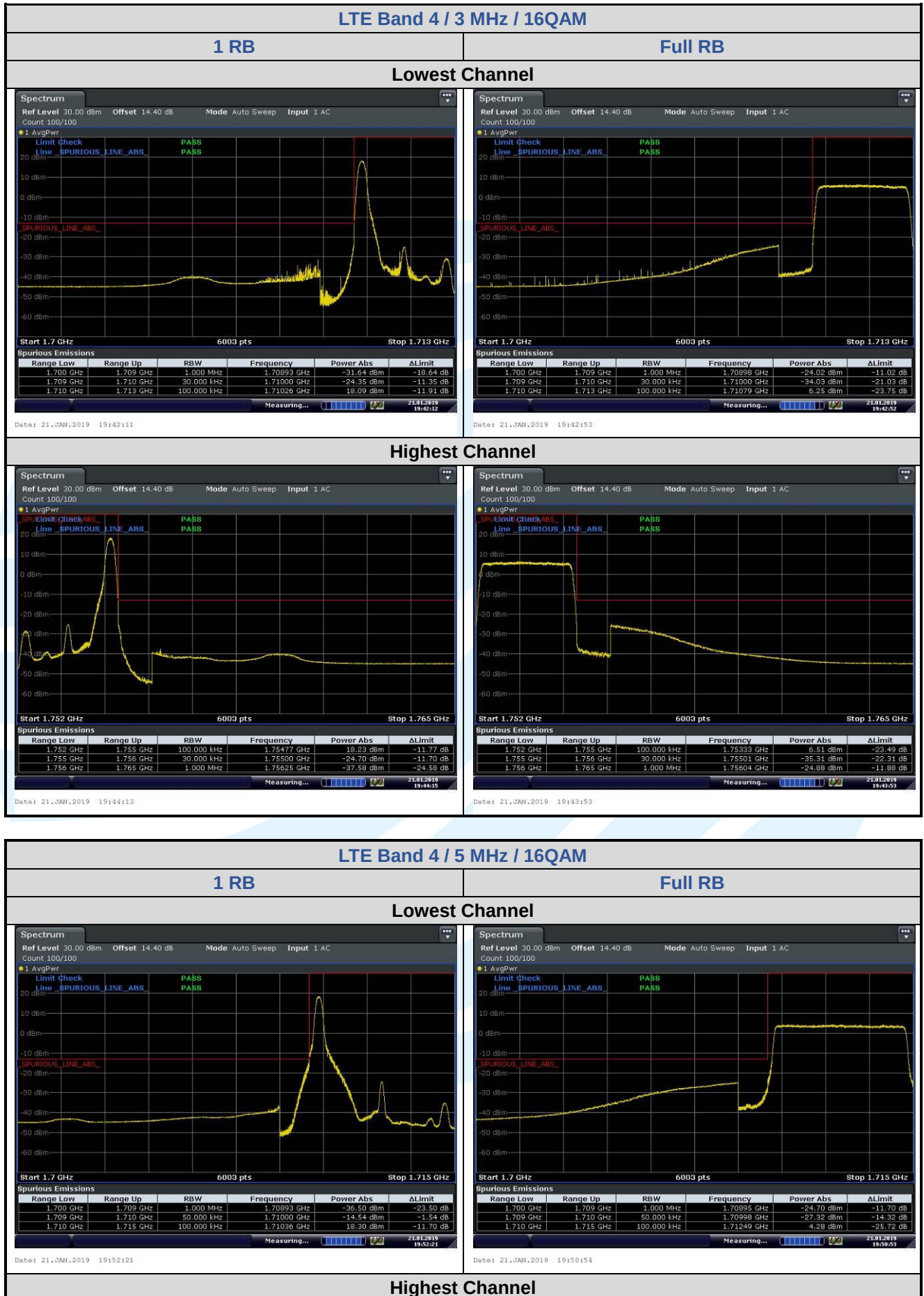
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-31.79 dBm	-18.79 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-19.97 dBm	-6.97 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71109 GHz	18.60 dBm	-11.40 dB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-28.55 dBm	-15.55 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70997 GHz	-32.19 dBm	-19.19 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71177 GHz	0.39 dBm	-29.61 dB

Highest Channel




LTE Band 4 / 5 MHz / 16QAM
1 RB
Full RB
Lowest Channel

Spectrum

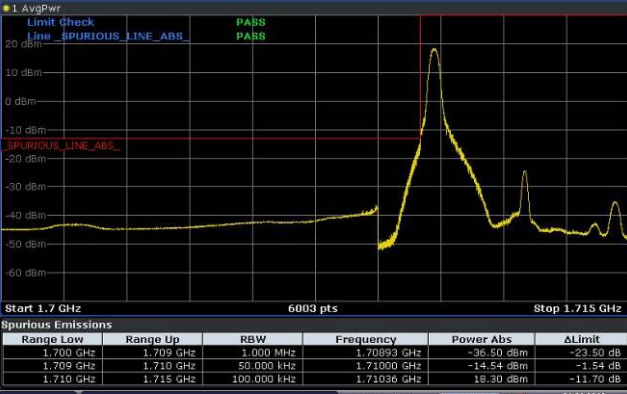
Ref Level 30.00 dBm Offset 14.40 dB Mode Auto Sweep Input 1 AC

Count 100/100

1 AvgPwr

Limit Check PASS

Line SPURIOUS LINE_ABS PASS



Start 1.7 GHz 6003 pts Stop 1.715 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-36.50 dBm	-23.50 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-14.54 dBm	-1.54 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71036 GHz	18.30 dBm	-11.70 dB

Measuring... 21.01.2019 19:52:21

Spectrum

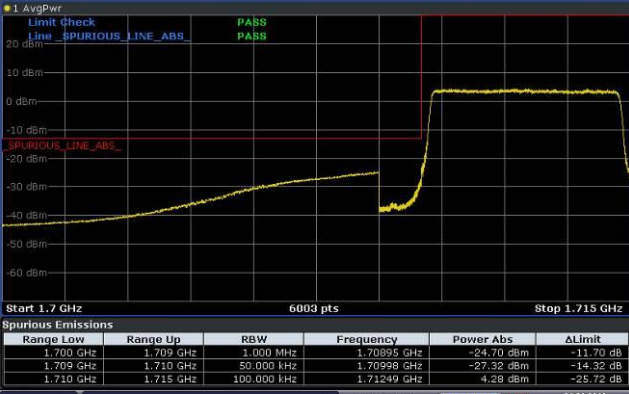
Ref Level 30.00 dBm Offset 14.40 dB Mode Auto Sweep Input 1 AC

Count 100/100

1 AvgPwr

Limit Check PASS

Line SPURIOUS LINE_ABS PASS

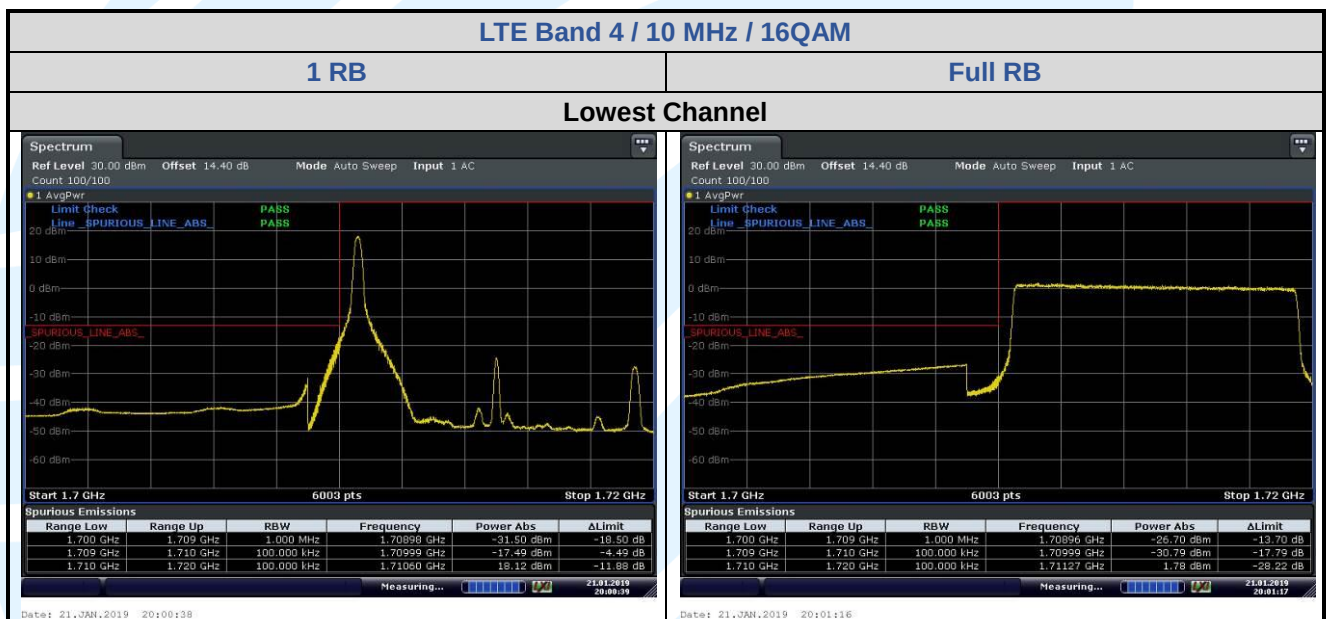
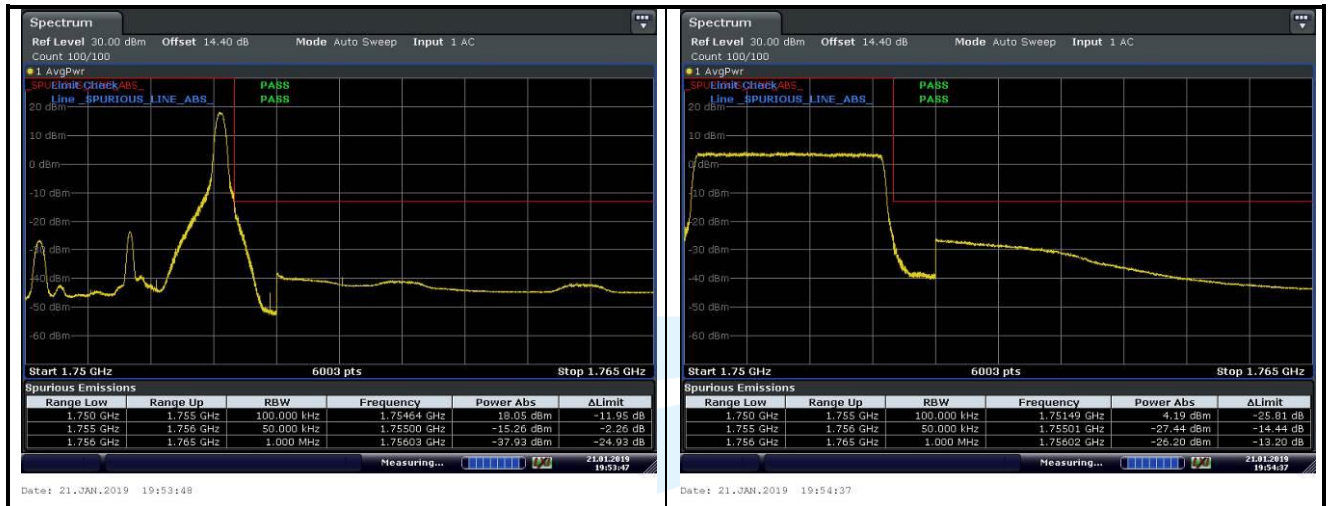


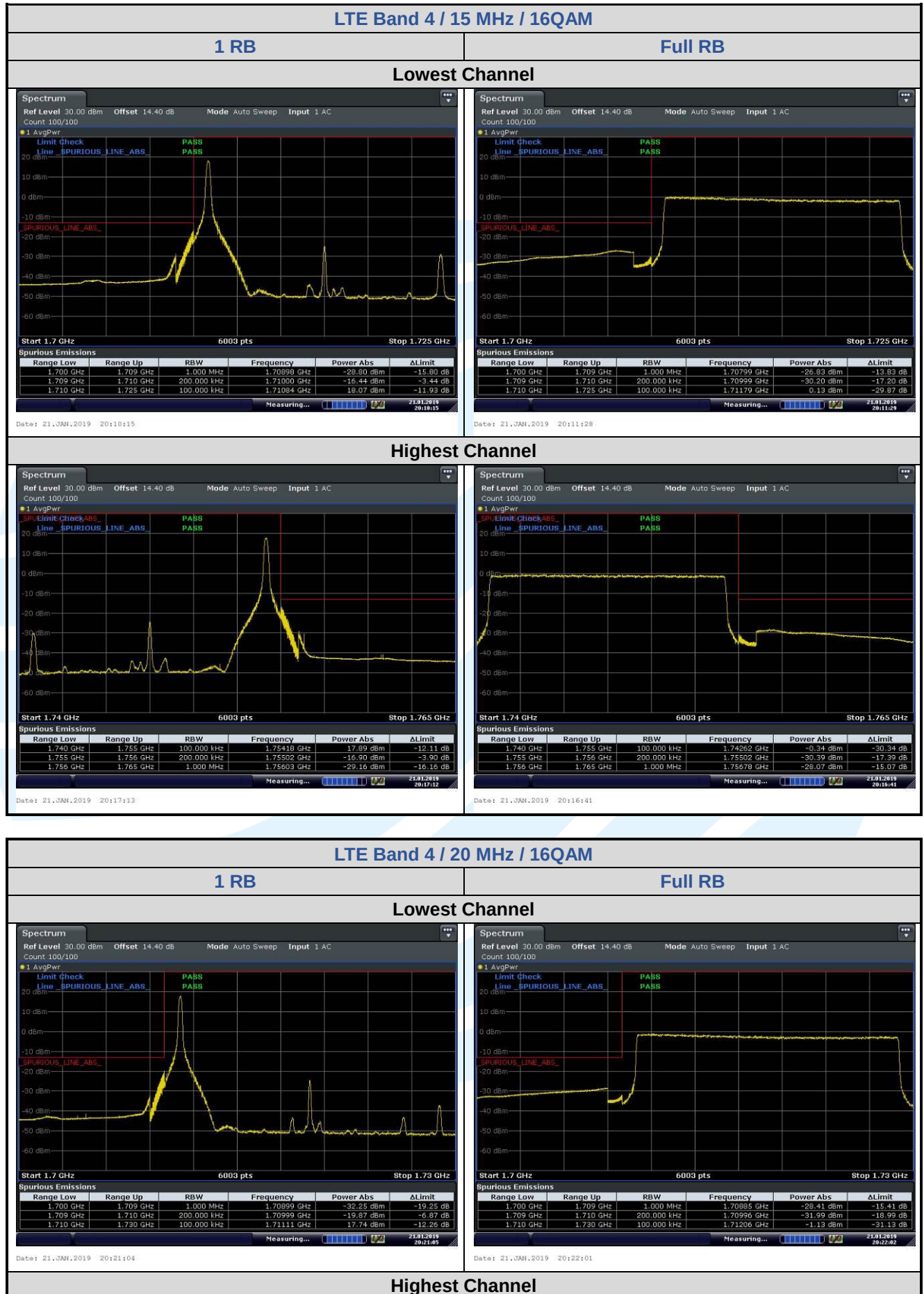
Start 1.7 GHz 6003 pts Stop 1.715 GHz

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70995 GHz	-24.70 dBm	-11.70 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.70998 GHz	-27.32 dBm	-14.32 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71249 GHz	4.28 dBm	-25.72 dB

Measuring... 21.01.2019 19:50:54

Highest Channel



**LTE Band 4 / 20 MHz / 16QAM**
1 RB
Full RB
Lowest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-32.25 dBm	-19.25 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-19.87 dBm	-6.87 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71111 GHz	17.74 dBm	-12.26 dB

Date: 21.JAN.2019 20:21:04



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70885 GHz	-28.41 dBm	-15.41 dB
1.709 GHz	1.710 GHz	200.000 kHz	1.70999 GHz	-31.99 dBm	-18.99 dB
1.710 GHz	1.730 GHz	100.000 kHz	1.71206 GHz	-1.13 dBm	-31.13 dB

Date: 21.JAN.2019 20:22:01

Highest Channel