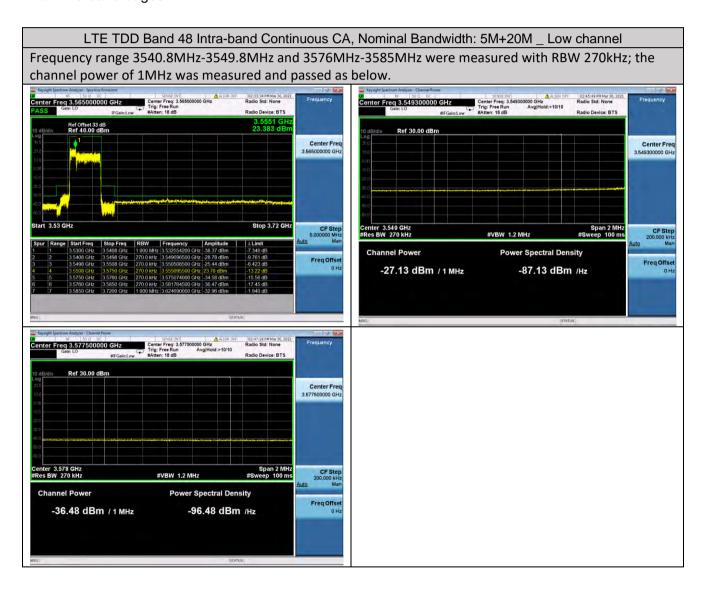


Appendix D-Conducted band edge

All measurements were made according with KDB 971168 D01.

For MIMO mode configurations, the limit was adjusted with a correction of -6dB [10Log(1/4)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports.

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed and a RBW of 1MHz for measurements of emissions > 1MHz away from the band edges.





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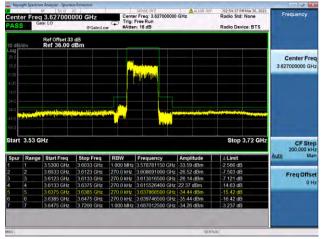
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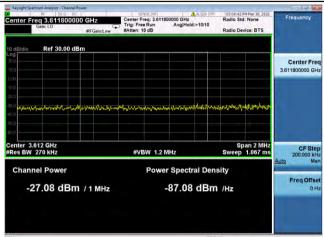
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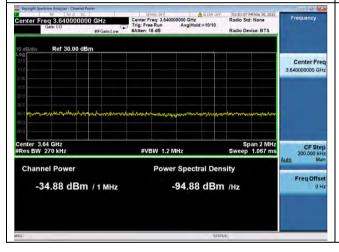
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 5M+20M _ Middle channel Frequency range 3603.3MHz-3612.3MHz and 3638.5MHz-3647.5MHz were measured with RBW 270kHz; the channel power of 1MHz was measured and passed as below.









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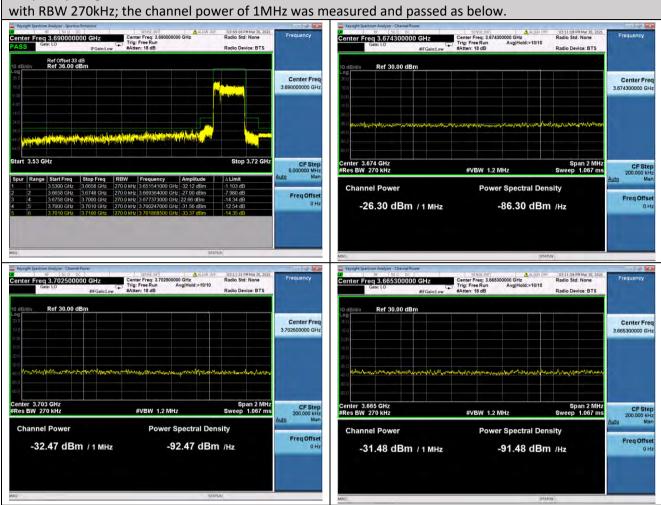
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 5M+20M _ High channel Frequency range 3530MHz-3665.8MHz, 3665.8MHz-3674.8MHz and 3701MHz-3710MHz were measured with RBW 270kHz; the channel power of 1MHz was measured and passed as below.





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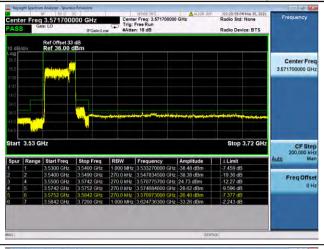
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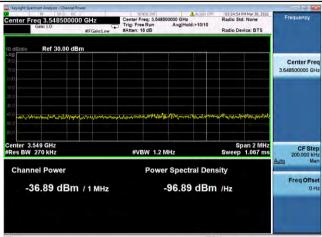
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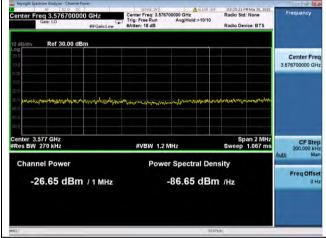
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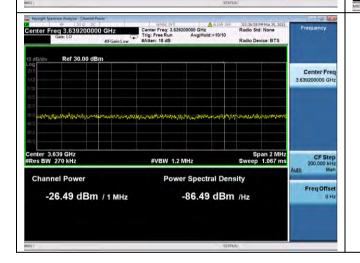
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Gate: 10
stf Cales.Low
stf Cales.Low
Avg|Hold:>10*10
Avg|Hold:>10*10 Ref Offset 33 dB Ref 36.00 dBm Center Free Center Free Stop 3.72 GHz enter 3.611 GHz Res BW 270 kHz CF Step 200,000 kHz CF Stej 200,000 kH Ma #VBW 1.2 MHz Power Spectral Density **Channel Power** Freq Offse -34.82 dBm / 1 MHz -94.82 dBm /Hz





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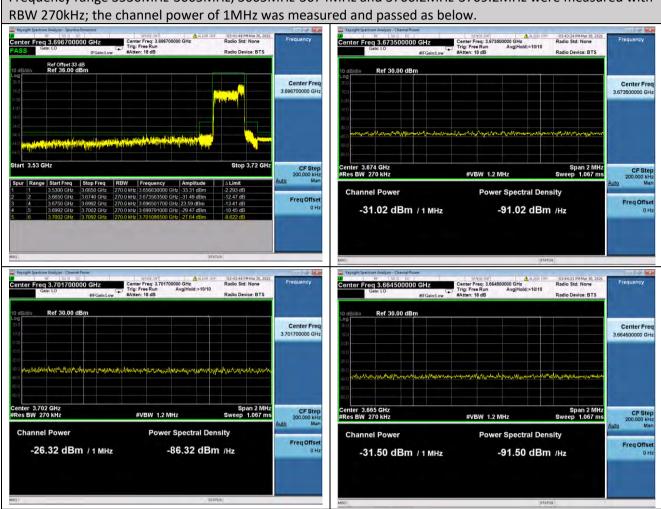
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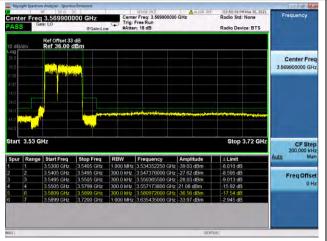
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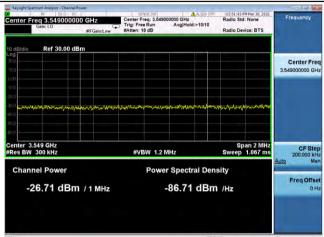
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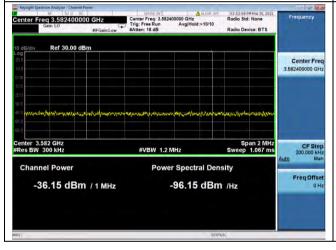
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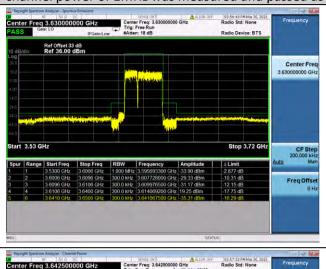
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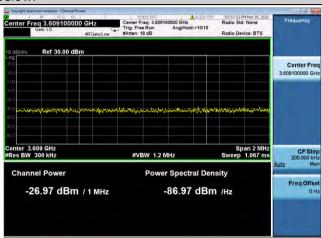
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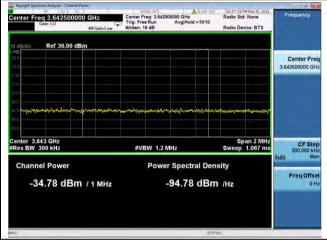
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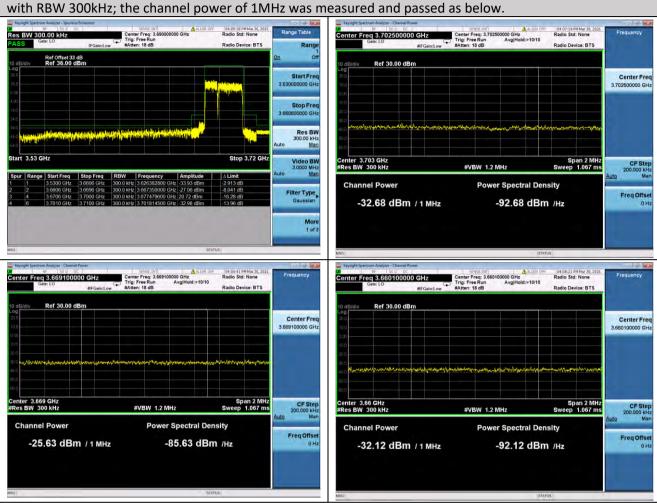
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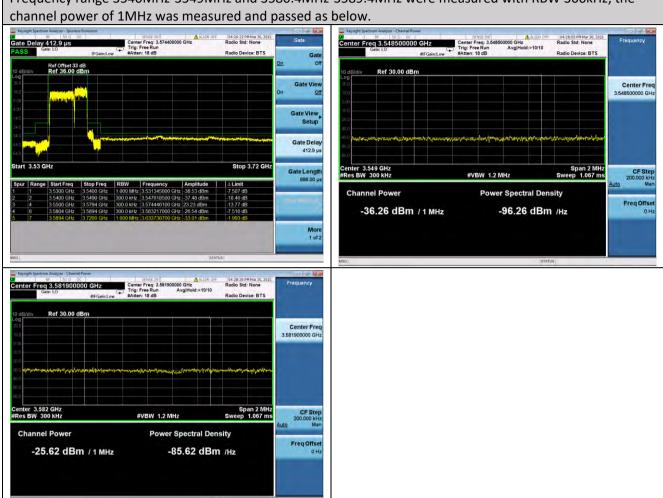
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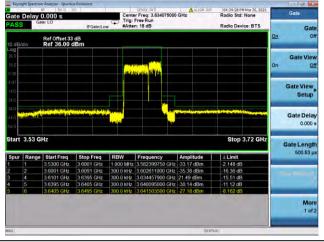
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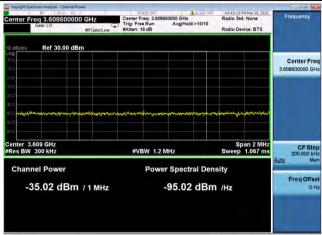
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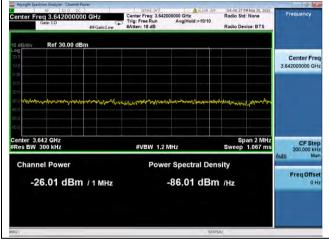
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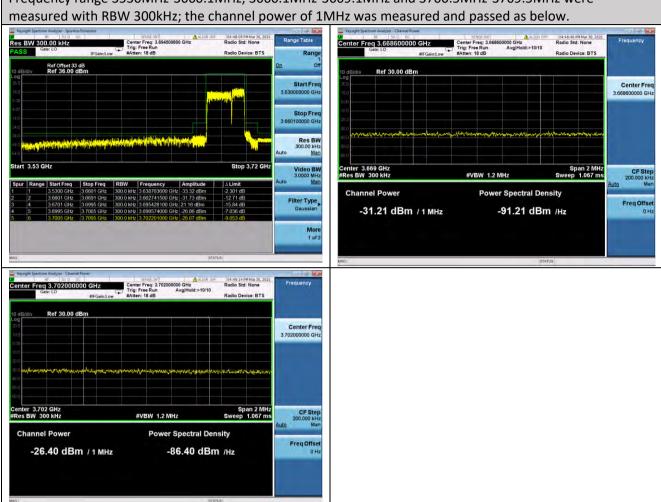
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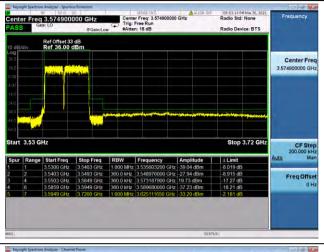
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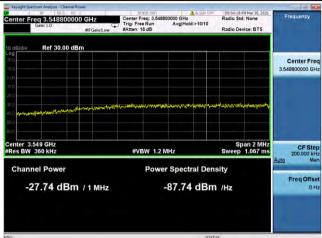
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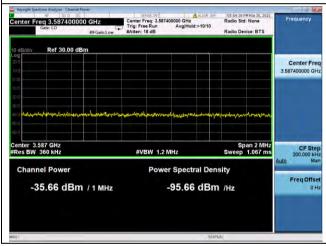
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 15M+20M _ Low channel Frequency range 3540.3MHz-3549.3MHz and 3585.9MHz-3594.9MHz were measured with RBW 360kHz; the channel power of 1MHz was measured and passed as below.









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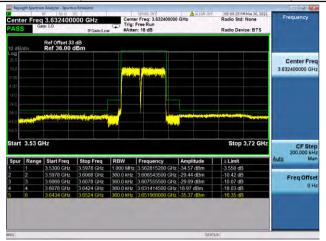
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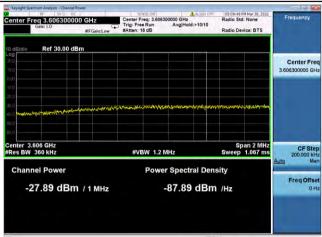
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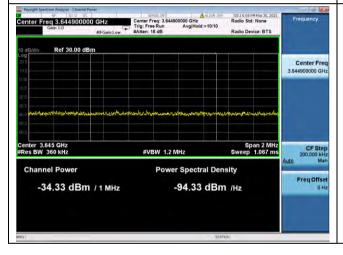
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 15M+20M _ Middle channel Frequency range 3597.8MHz-3606.8MHz and 3643.4MHz-3652.4MHz were measured with RBW 360kHz; the channel power of 1MHz was measured and passed as below.









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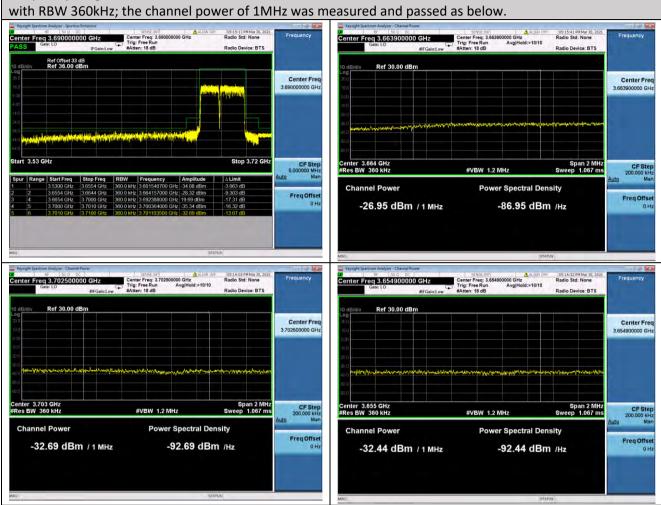
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 15M+20M _ High channel Frequency range 3530MHz-3655.4MHz, 3655.4MHz-3664.4MHz and 3701MHz-3710MHz were measured





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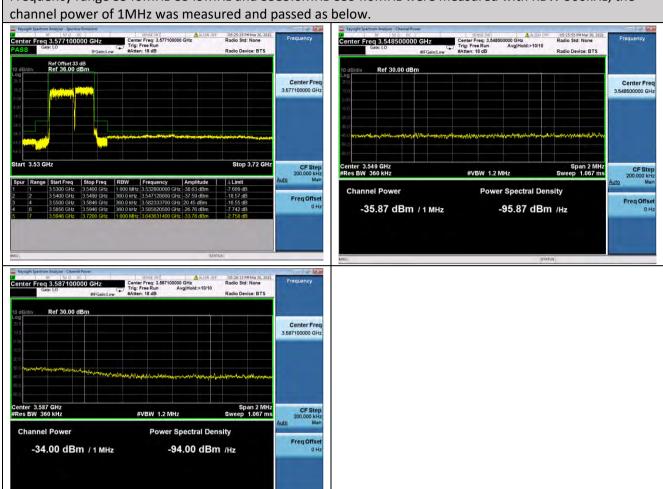
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20M+15M _ Low channel Frequency range 3540MHz-3549MHz and 3585.6MHz-3594.6MHz were measured with RBW 360kHz; the channel power of 1MHz was measured and passed as below.





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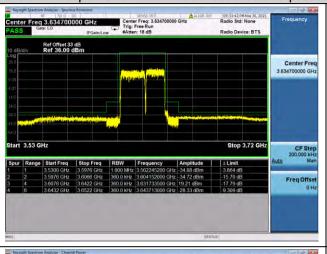
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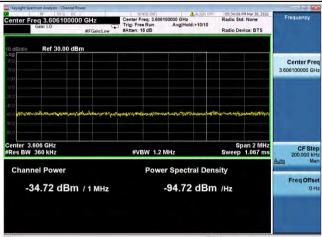
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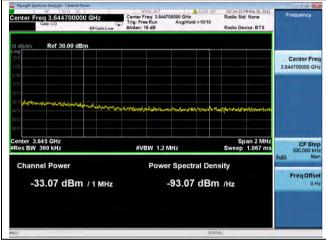
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20M+15M _ Middle channel Frequency range 3597.6MHz-3606.6MHz and 3643.2MHz-3652.2MHz were measured with RBW 360kHz; the channel power of 1MHz was measured and passed as below.









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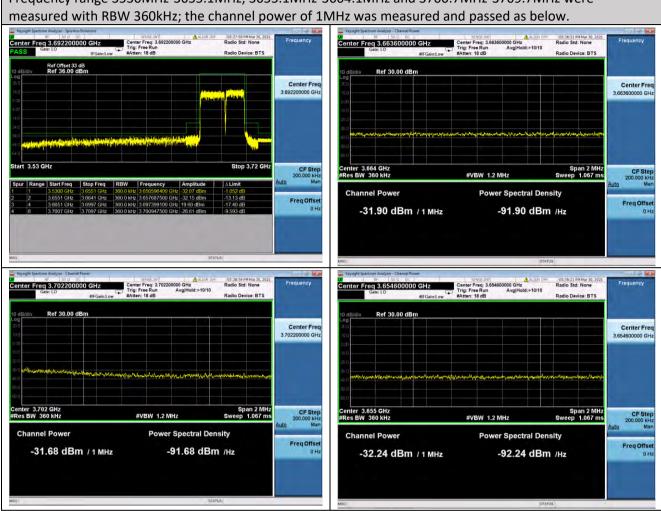
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20M+15M _ High channel Frequency range 3530MHz-3655.1MHz, 3655.1MHz-3664.1MHz and 3700.7MHz-3709.7MHz were





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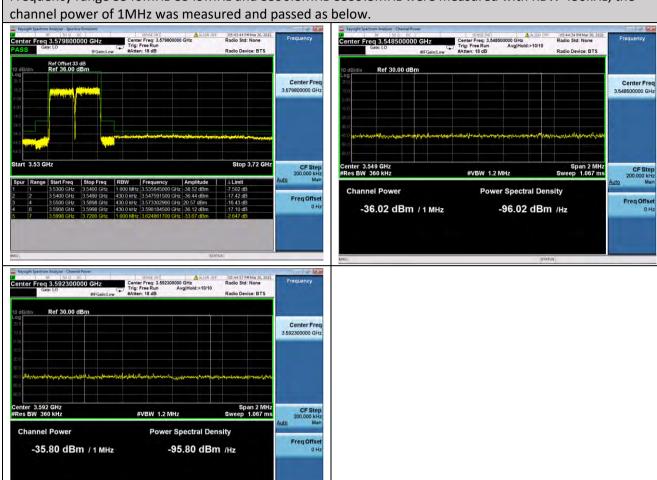
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20M+20M _ Low channel Frequency range 3540MHz-3549MHz and 3590.8MHz-3599.8MHz were measured with RBW 430kHz; the





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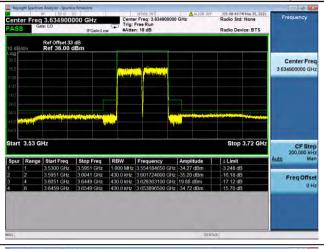
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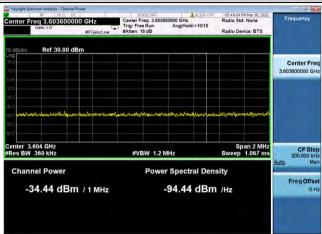
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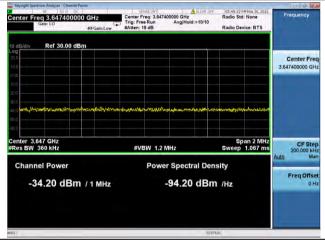
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20M+20M _ Middle channel Frequency range 3595.1MHz-3604.1MHz and 3645.9MHz-3654.9MHz were measured with RBW 430kHz; the channel power of 1MHz was measured and passed as below.









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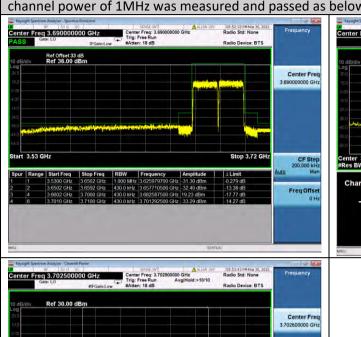
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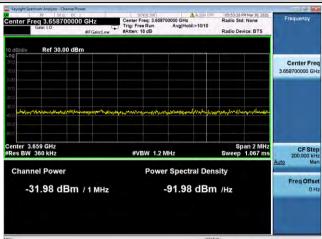
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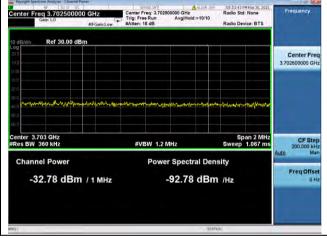
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LTE TDD Band 48 Intra-band Continuous CA, Nominal Bandwidth: 20M+20M _ High channel Frequency range 3650.2MHz-3659.2MHz and 33701MHz-3710MHz were measured with RBW 430kHz; the channel power of 1MHz was measured and passed as below.









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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+5M _ Low channel Frequency range 3540MHz-3549MHz, 3556MHz-3565MHz, 3630MHz-3639MHz and 33646MHz-3655MHz were measured with RBW 51kHz; the channel power of 1MHz was measured and passed as below. Center Freq: 3,548500000 GHz
Trig: Free Run Avg|Hold:>10/10 Center Freg 3,548500000 GHz Ref Offset 33 dB Ref 36.00 dBm Center Free 3.642500000 GH: Center Fre enter 3.549 GHz Res BW 51 kHz CF Step 200,000 kH CF Stej 00,000 kH Ma #VBW 150 kHz Power Spectral Density **Channel Power** Freq Offse -25.34 dBm / 1 MHz -85.34 dBm /Hz enter Freq 3.638500000 GHz Ref 30.00 dBm Center Freq 3.556500000 GHz Center Free nter 3.557 GHz es BW 51 kHz Span 2 MHz Center 3.639 GHz #Res BW 51 kHz CF Stej 200.000 kH **#VBW 150 kHz** Channel Power **Power Spectral Density** Power Spectral Density Channel Power Freq Offse -23.76 dBm / 1 MHz -83.76 dBm /Hz -24.19 dBm / 1 MHz -84.19 dBm /Hz Center Freq: 3,646500000 GHz
Trig: Free Run Avg|Hold:>10/10 enter Freq 3.646500000 GHz Ref 30.00 dBm Center Freq Channel Power **Power Spectral Density** Freq Offse -24.25 dBm / 1 MHz -84.25 dBm /Hz



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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+5M _ High channel Frequency range 3595MHz-3604MHz, 3611MHz-3620MHz, 3685MHz-3694MHz and 3701MHz-3710MHz were measured with RBW 51kHz; the channel power of 1MHz was measured and passed as below. SENSE (III)

Center Freq: 3.603500000 GHz

Trig: Free Run Avg|Hold:>10/10 #Atten: 18 dB Ref Offset 33 dB Ref 36.00 dBm Center Freq 3.697500000 GHz Center Fre # 3 53 GH enter 3.604 GHz Res BW 51 kHz CF Step 200,000 kH CF Stej 200,000 kH Ma #VBW 150 kHz Power Spectral Density **Channel Power** Freq Offse -24.07 dBm / 1 MHz -84.07 dBm /Hz enter Freq 3.693500000 GHz Ref 30,00 dBn Center Freq 3.611500000 GHz Center Free nter 3.612 GHz Span 2 MH: CF Step 200,000 kH Center 3.694 GHz #Res BW 51 kHz CF Stej 200,000 kH **#VBW 150 kHz** Channel Power **Power Spectral Density** Power Spectral Density Channel Power Freq Offse -24.80 dBm / 1 MHz -84.80 dBm /Hz -23.78 dBm / 1 MHz -83.78 dBm /Hz Center Freq: 3.701500000 GHz
Trig: Free Run Avg|Hold:>10/10 Ref 30.00 dBm Center Freq Channel Power **Power Spectral Density** Freq Offse -24.68 dBm / 1 MHz -84.68 dBm /Hz



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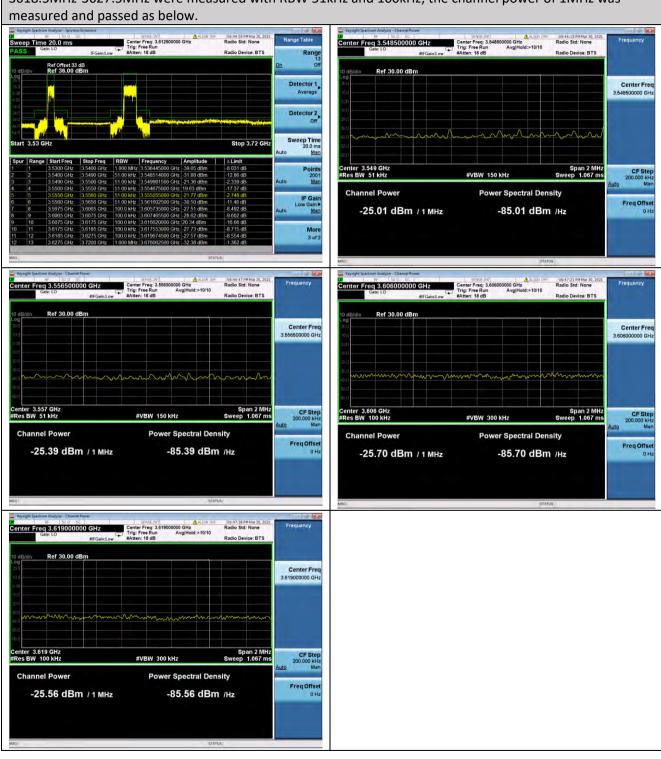
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+10M _ Low channel Frequency range 3540MHz-3549MHz, 3556MHz-3565MHz, 3597.5MHz-3606.5MHz and 3618.5MHz-3627.5MHz were measured with RBW 51kHz and 100kHz; the channel power of 1MHz was measured and passed as below.





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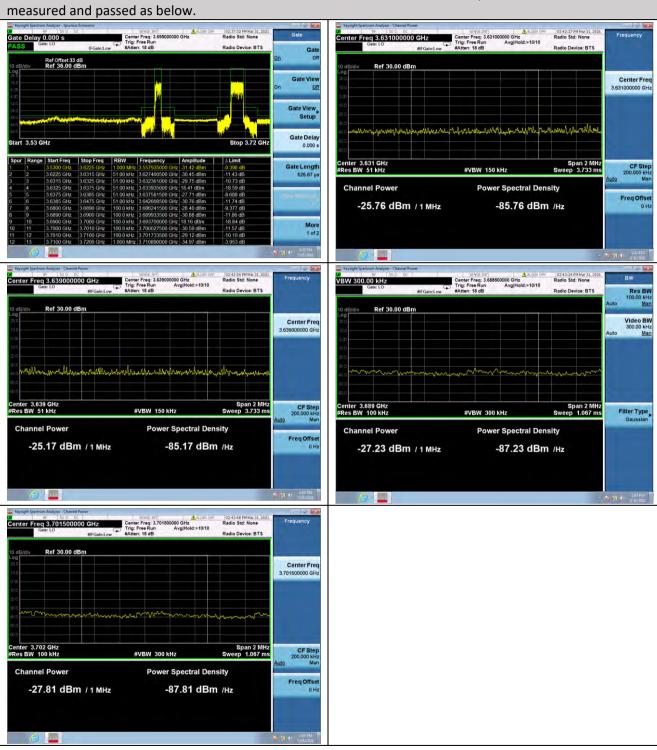
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+10M _ High channel Frequency range 3622.5MHz-3631.5MHz, 3638.5MHz-3647.5MHz, 3680MHz-3689MHz and 3701MHz-3710MHz were measured with RBW 51kHz and 100kHz; the channel power of 1MHz was measured and passed as below.





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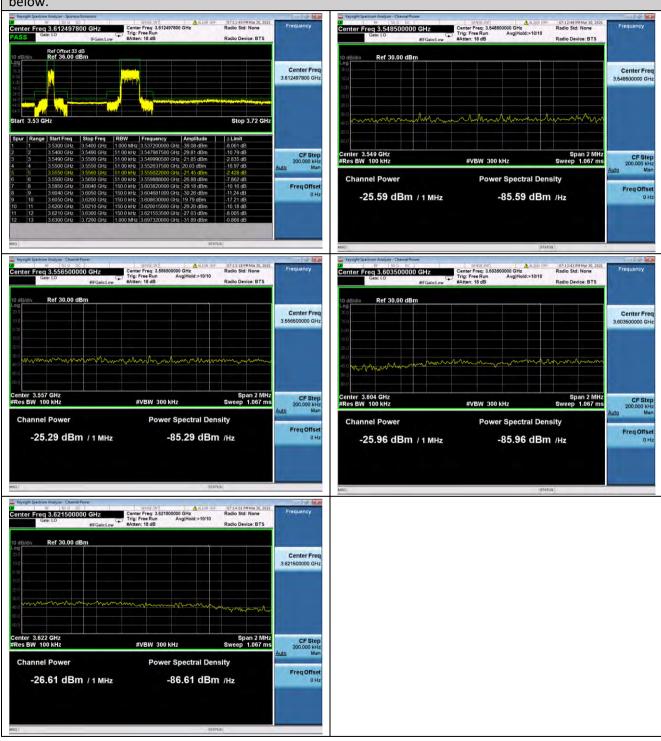
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+15M _ Low channel Frequency range 3540MHz-3549MHz, 3556MHz-3565MHz, 3595MHz-3604MHz and 3621MHz-3630MHz were measured with RBW 51kHz and 100kHz; the channel power of 1MHz was measured and passed as





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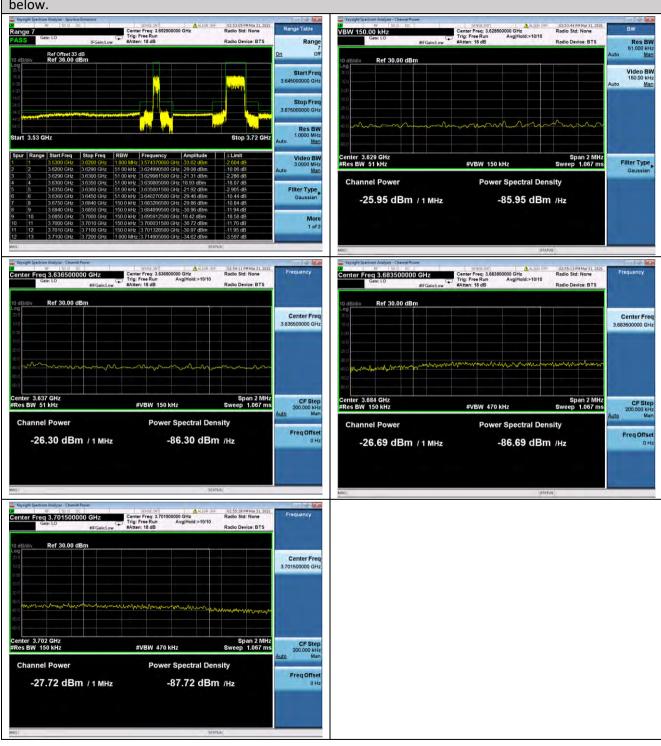
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+15M _ High channel Frequency range 3620MHz-3629MHz, 3636MHz-3645MHz, 3675MHz-3684MHz and 3701MHz-3710MHz were measured with RBW 51kHz and 100kHz; the channel power of 1MHz was measured and passed as





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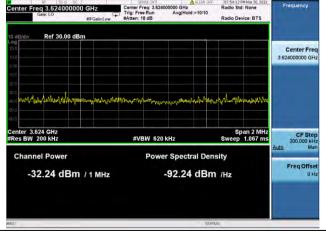
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+20M _ Low channel Frequency range 3540MHz-3549MHz, 3556MHz-3565MHz, 3592.5MHz-3601.5MHz and 3623.5MHz-3632.5MHz were measured with RBW 51kHz and 200kHz; the channel power of 1MHz was measured and passed as below. BW 100.00 kHz Ref Offset 33 dB Ref 36.00 dBm Ref 30.00 dBn Gate View Gate Dela Stop 3.72 GH Center 3.549 GHz #Res BW 100 kHz **#VBW 300 kHz Channel Power** Power Spectral Density -24.92 dBm / 1 MHz -84.92 dBm /Hz SENSE:DIT AMUGN OF Center Freq: 3.565500000 GHz Trig: Free Run Avg|Hold:>10/10 #Atten: 18 dB Center Freq: 3.601000000 GHz
Trig: Free Run Avg|Hold:>10/10 enter Freq 3.565500000 GHz /BW 620.00 kHz Radio Device: BTS Ref 30.00 dBm Ref 30.00 dBm Video BW 620.00 kHz Center Freq enter 3.566 GHz Res BW 100 kHz CF Ste 200.000 kH Center 3.601 GHz #Res BW 200 kHz #VBW 300 kHz #VBW 620 kHz Filter Type Channel Power Power Spectral Density Power Spectral Density Freq Offse -36.28 dBm / 1 MHz -96.28 dBm /Hz -31.97 dBm / 1 MHz -91.97 dBm /Hz Center Freq: 3,624000000 GHz
Trig: Free Run Avg|Hold:>10/10





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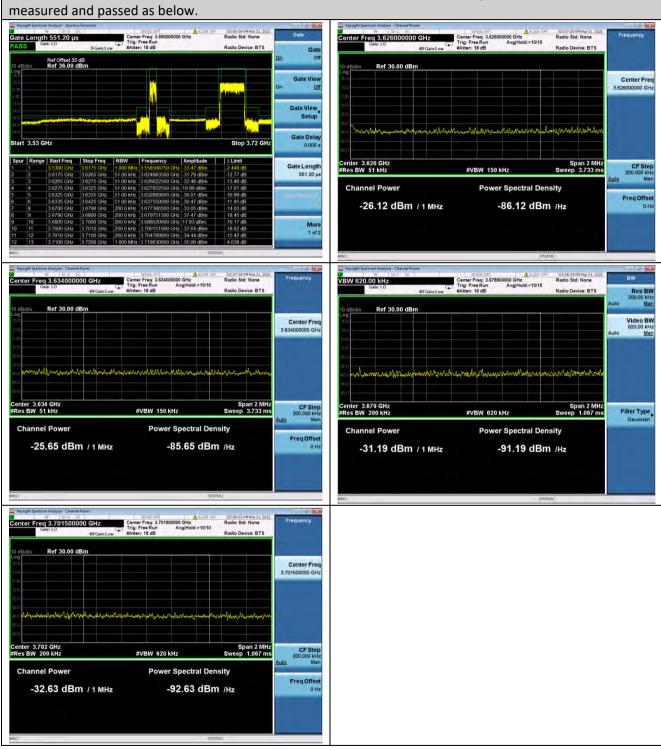
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 5M+20M _ High channel Frequency range 3617.5MHz-3549626.5MHz, 3633.5MHz-3642.5MHz, 3670MHz-3679MHz and 3701MHz-3710MHz were measured with RBW 51kHz and 200kHz; the channel power of 1MHz was





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Trig: Free Run Avg|Hold:>10/10 enter Freq 3.641500000 GHz Ref 30.00 dBm Center Fred Channel Power Power Spectral Density Freq Offs



-26.59 dBm / 1 MHz

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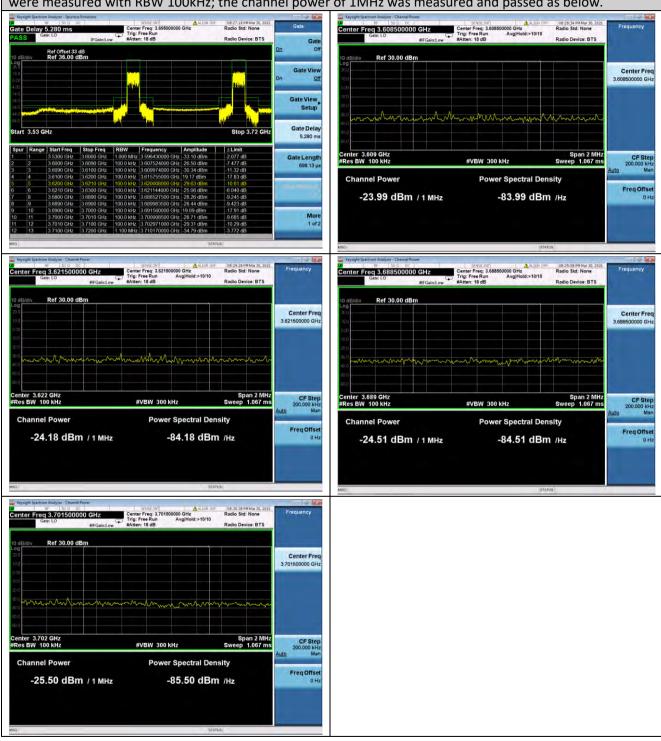
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-86.59 dBm /Hz

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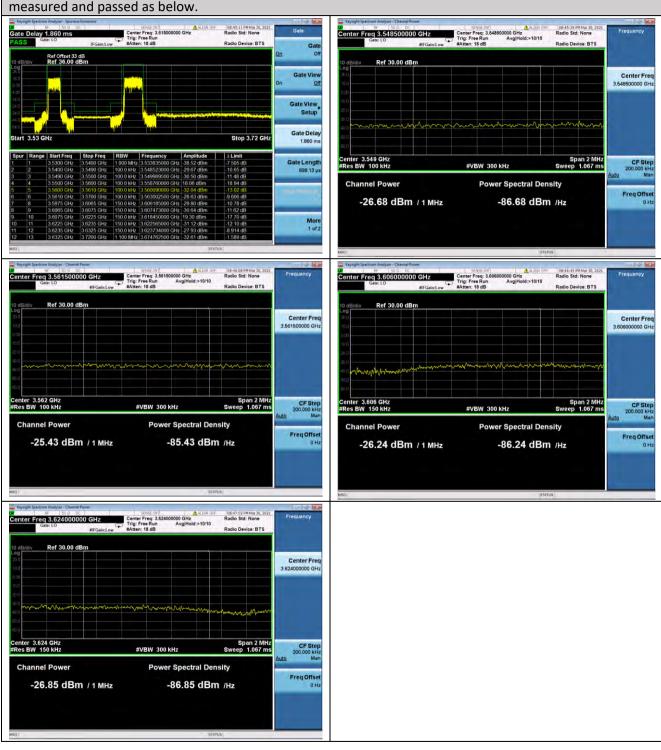
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 10M+15M _ Low channel Frequency range 3540MHz-3549MHz, 3561MHz-3570MHz, 3597.5MHz-3606.5MHz and 3623.5MHz-3632.5MHz were measured with RBW 100kHz and 150kHz; the channel power of 1MHz was measured and passed as below.





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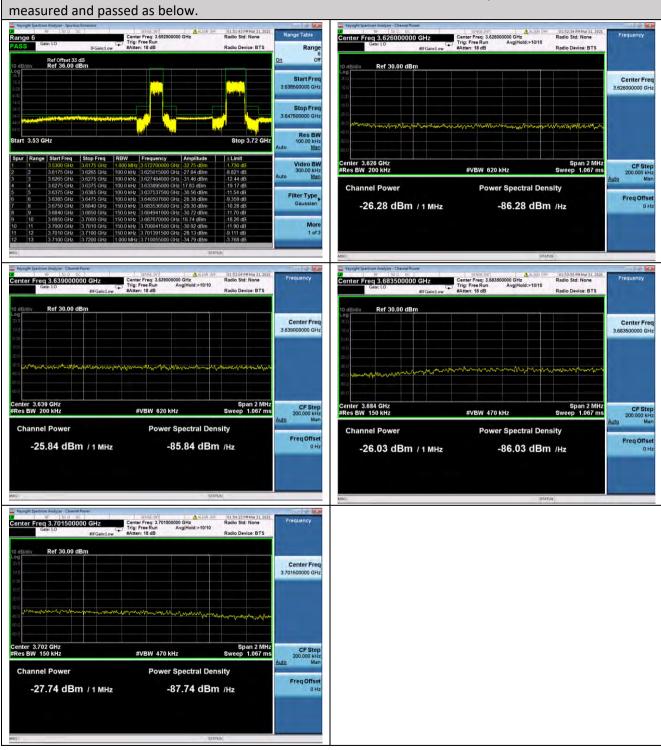
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 10M+15M _ High channel Frequency range 3617.5MHz-3626.5MHz, 3638.5MHz-3647.5MHz, 3675MHz-3684MHz and 3701MHz-3710MHz were measured with RBW 100kHz and 150kHz; the channel power of 1MHz was measured and passed as below.





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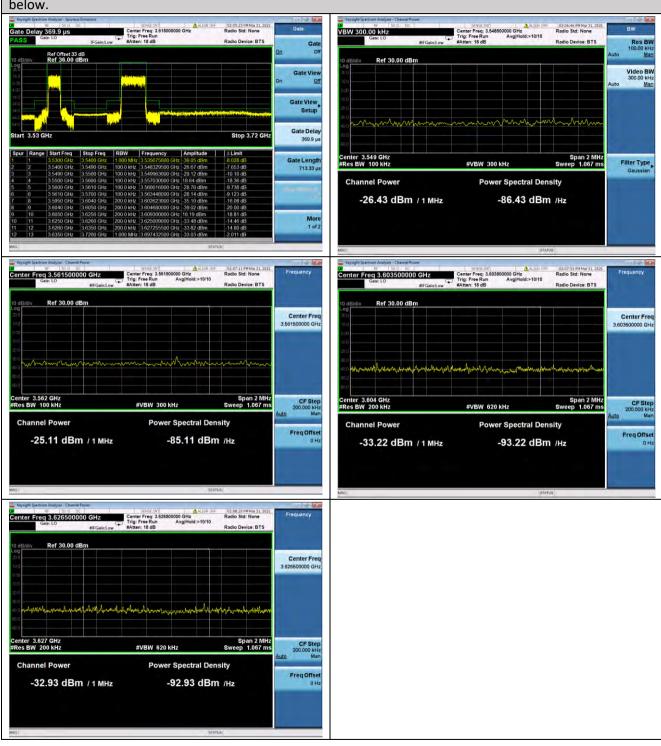
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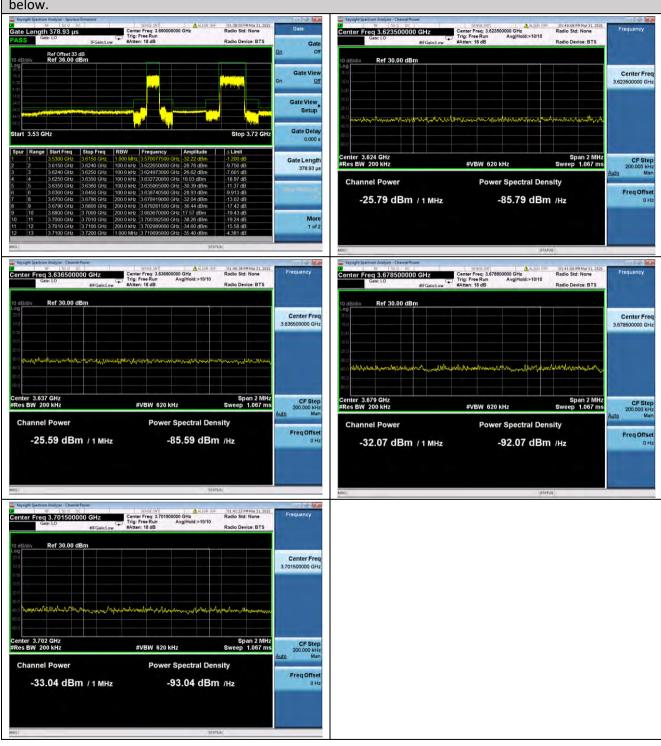
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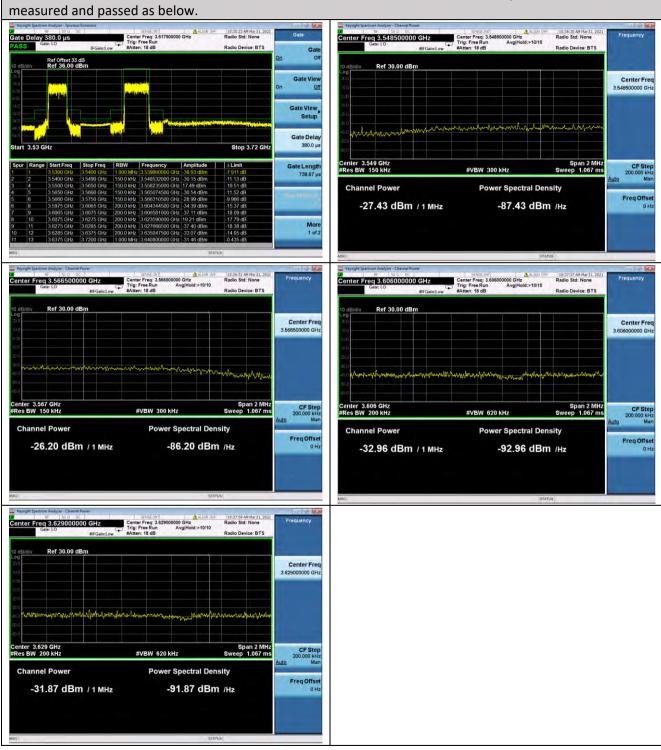
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 15M+20M _ Low channel Frequency range 3540MHz-3549MHz, 3566MHz-3575MHz, 3597.5MHz-3606.5MHz and 3628.5MHz-3637.5MHz were measured with RBW 150kHz and 200kHz; the channel power of 1MHz was measured and passed as below.





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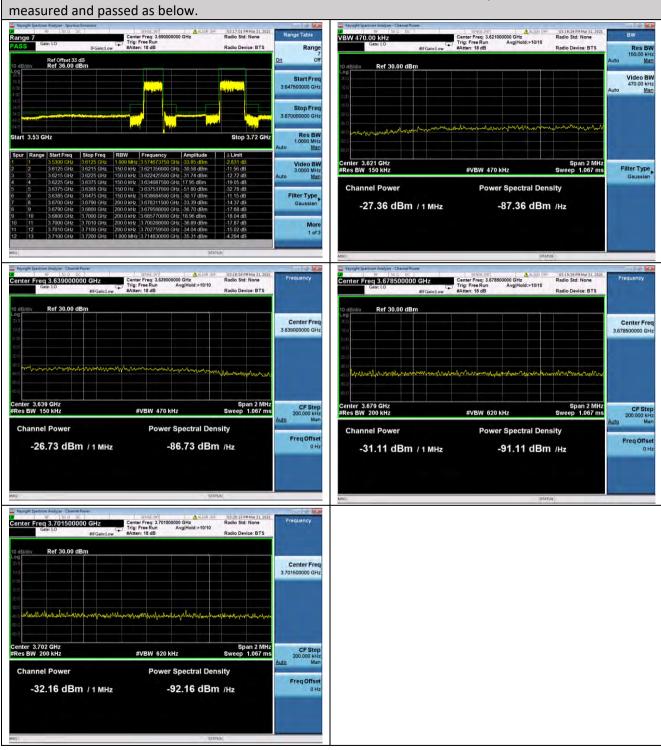
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 15M+20M _ High channel Frequency range 3612.5MHz-3621.5MHz, 3638.5MHz-3647.5MHz, 3670MHz-3679MHz and 3701MHz-3710MHz were measured with RBW 150kHz and 200kHz; the channel power of 1MHz was





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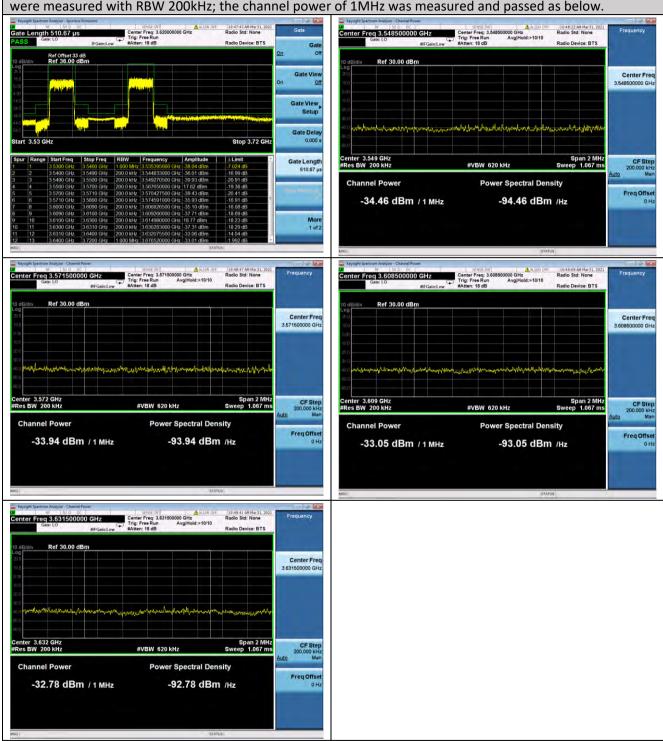
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20M+20M _ Low channel Frequency range 3540MHz-3549MHz, 3571MHz-3580MHz, 3600MHz-3609MHz and 3631MHz-3640MHz were measured with RBW 200kHz; the channel power of 1MHz was measured and passed as below.





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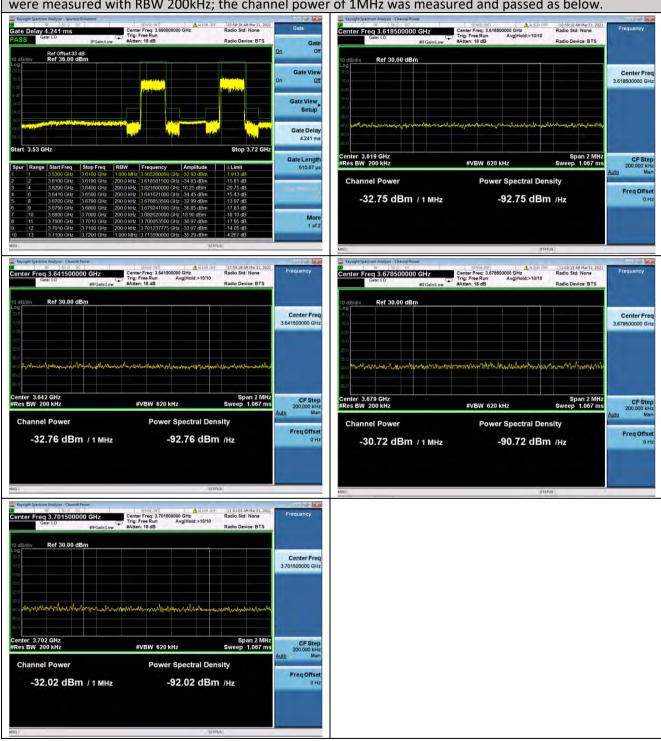
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LTE TDD Band 48 Intra-band non-Continuous CA, Nominal Bandwidth: 20M+20M _ High channel Frequency range 3610MHz-3619MHz, 3641MHz-3650MHz, 3679MHz-3680MHz and 3701MHz-3710MHz were measured with RBW 200kHz; the channel power of 1MHz was measured and passed as below.





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