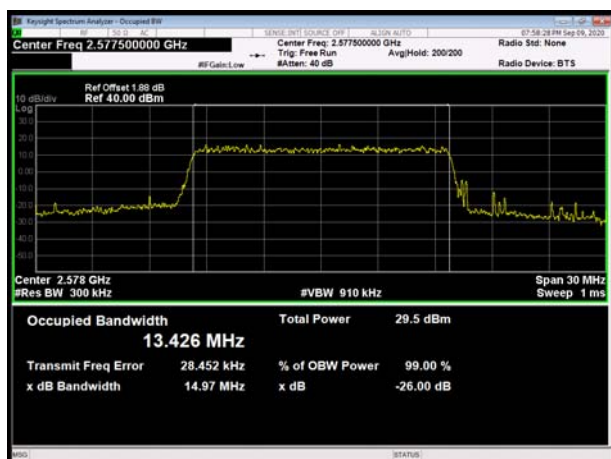
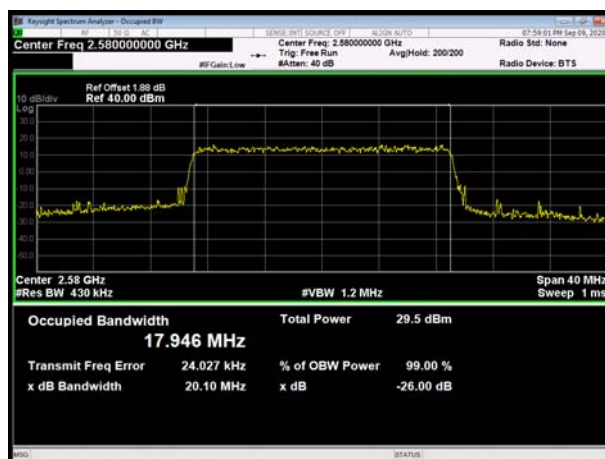




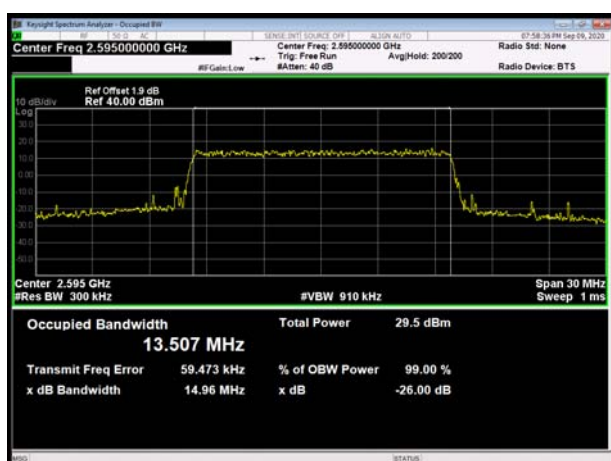
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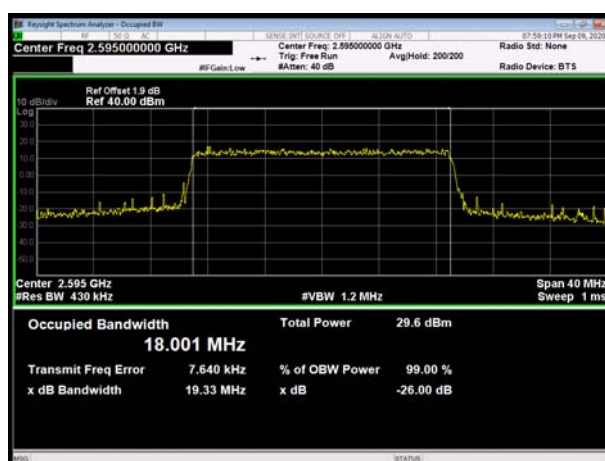
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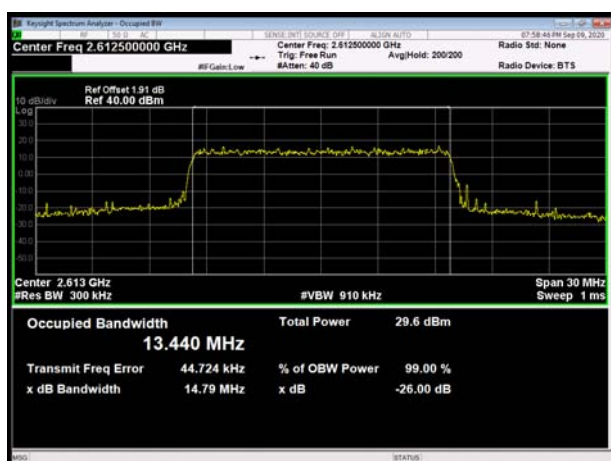
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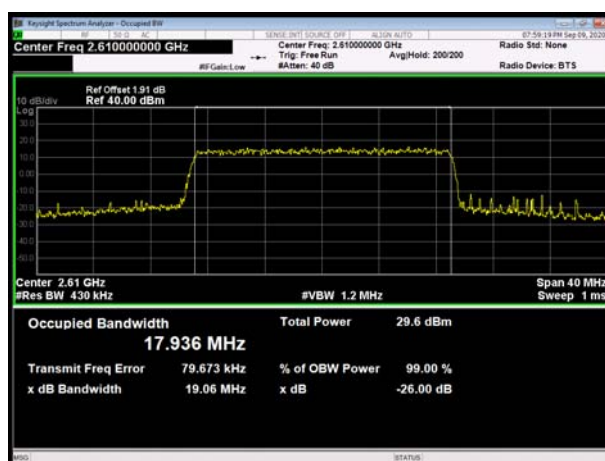
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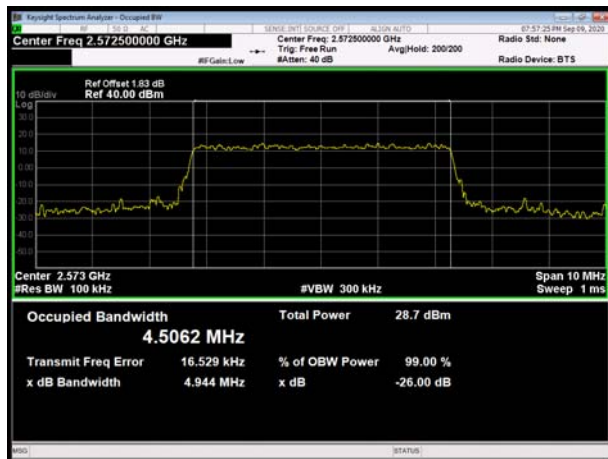
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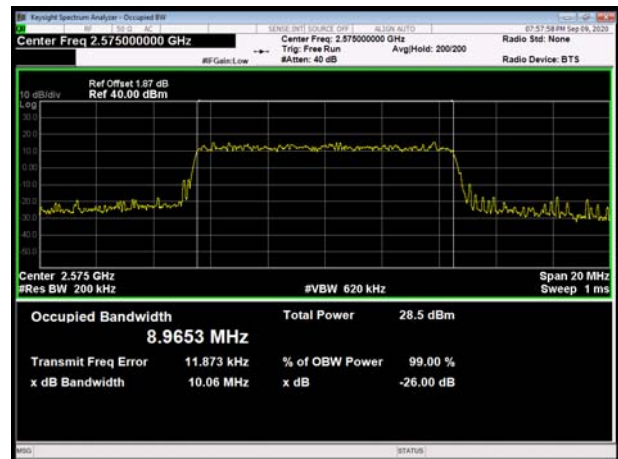
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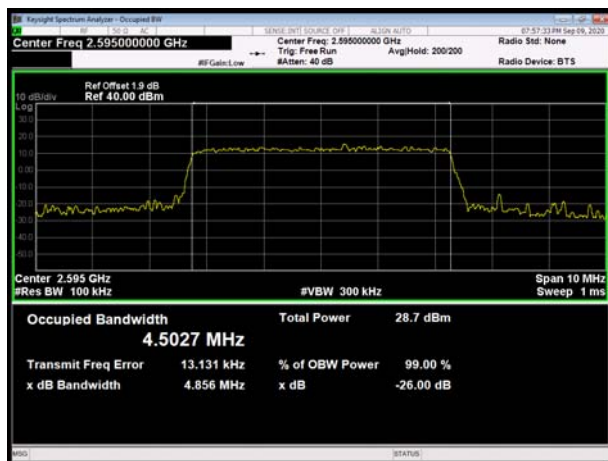
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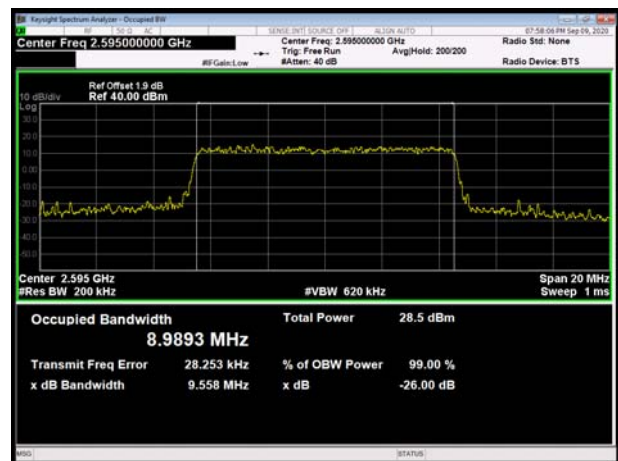
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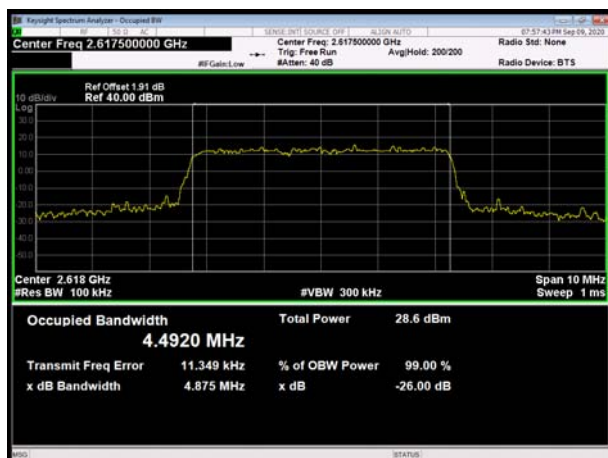
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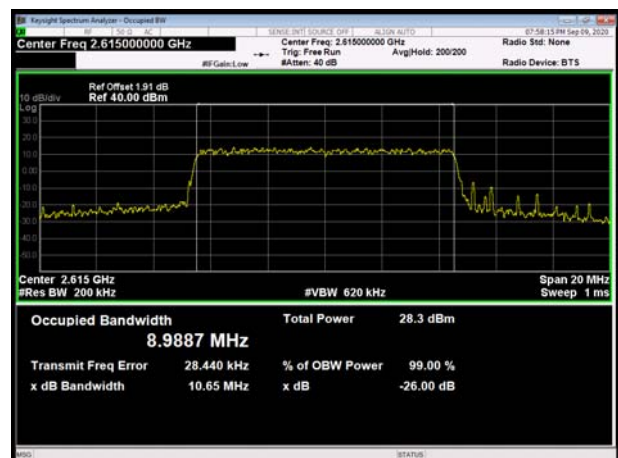
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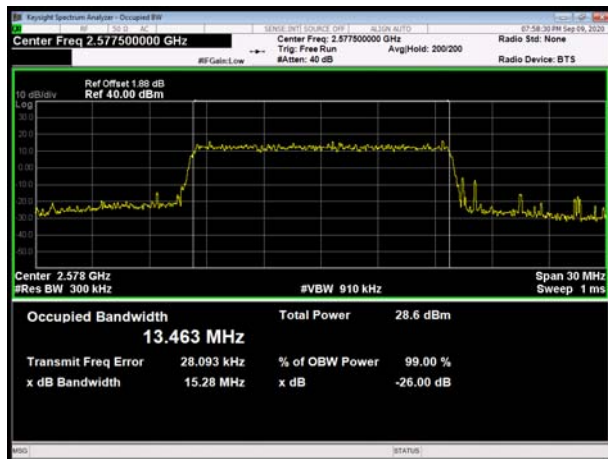
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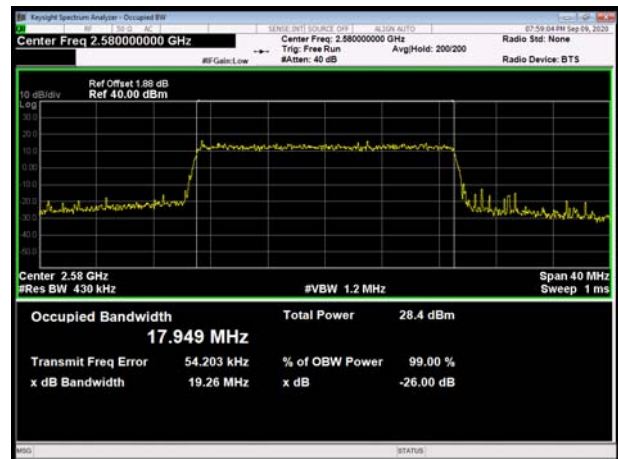
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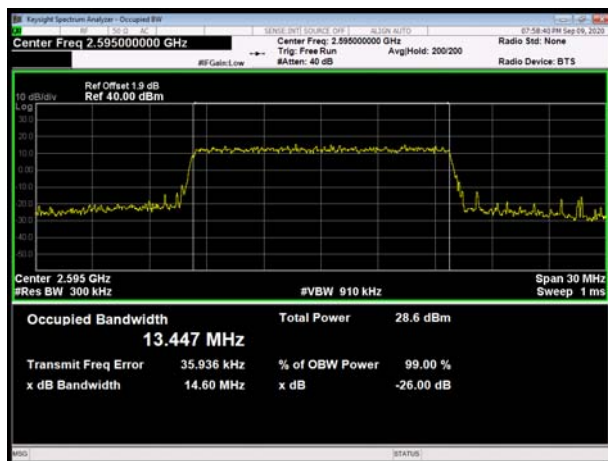
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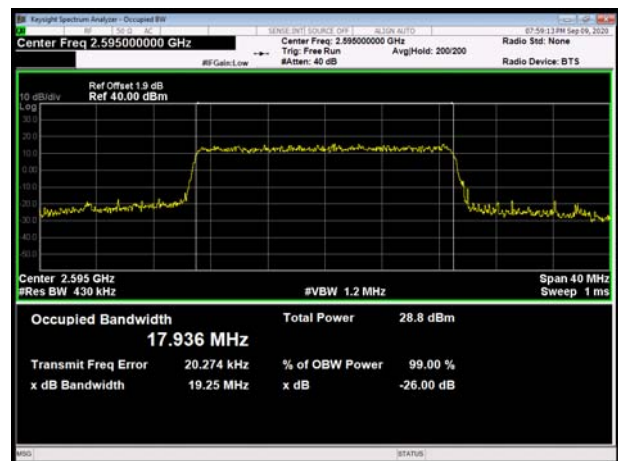
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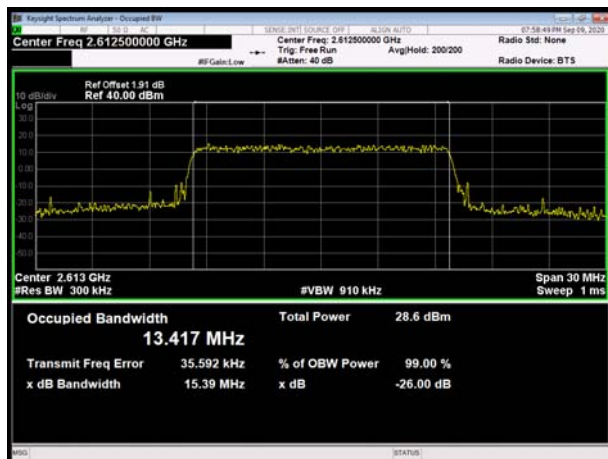
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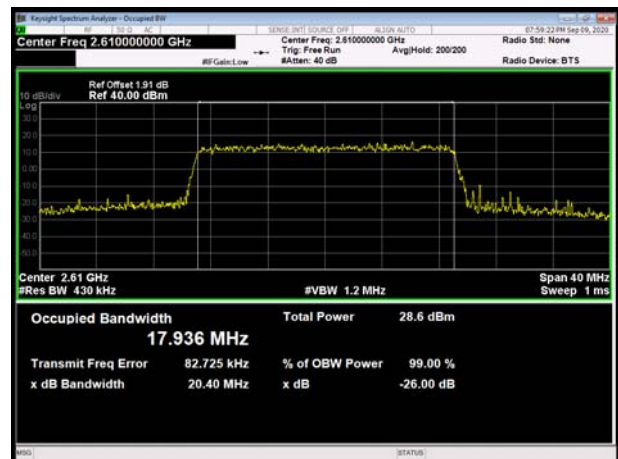
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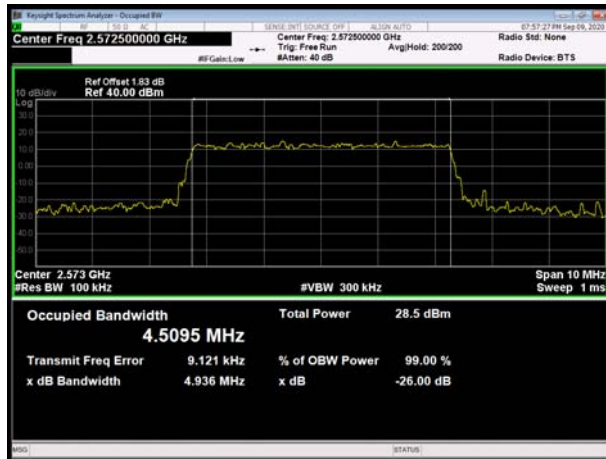


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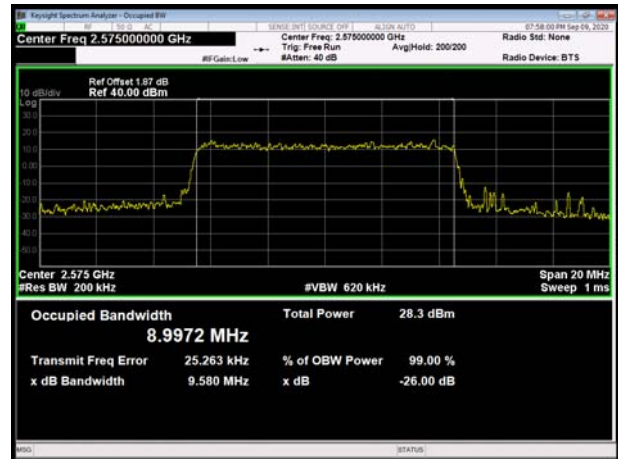




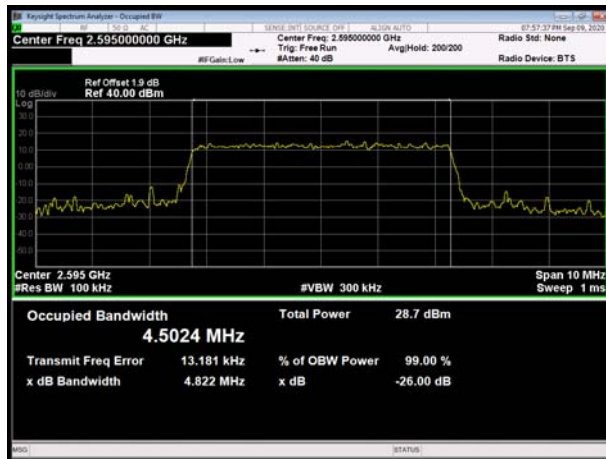
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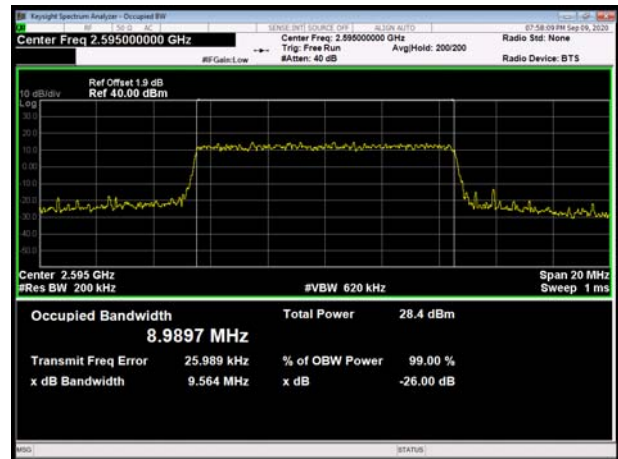
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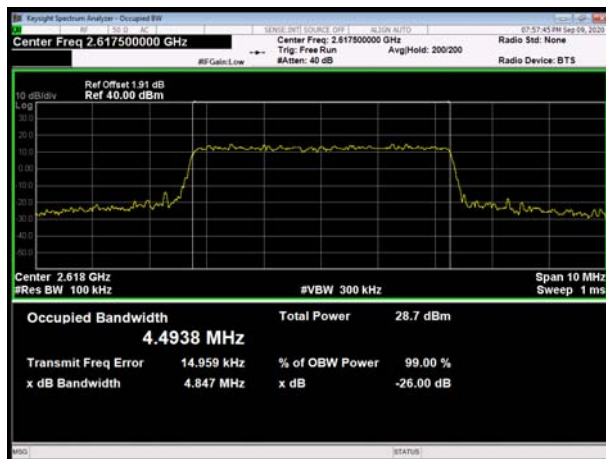
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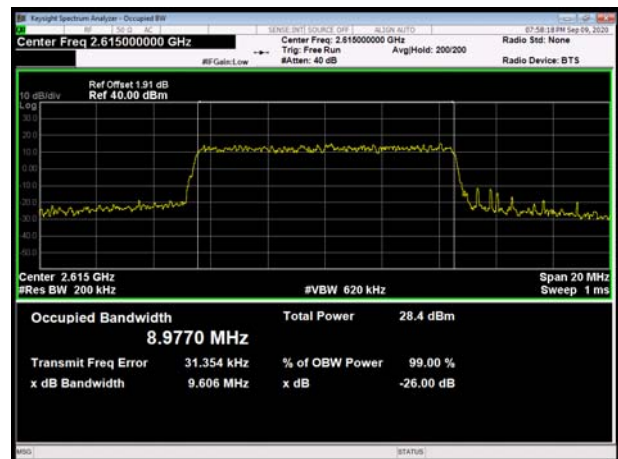
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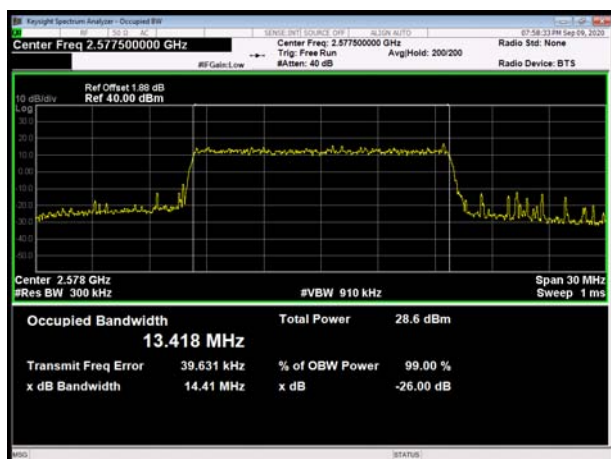
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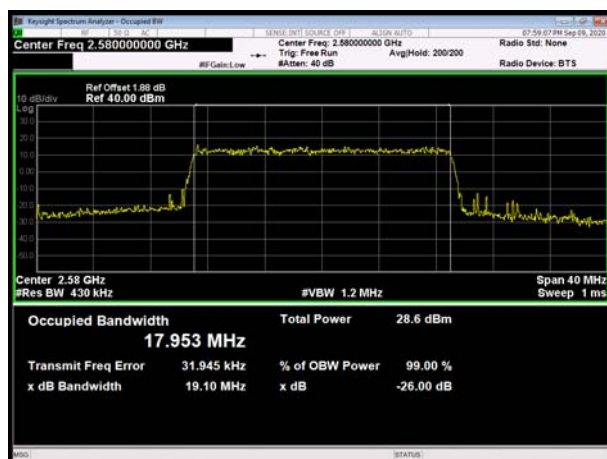
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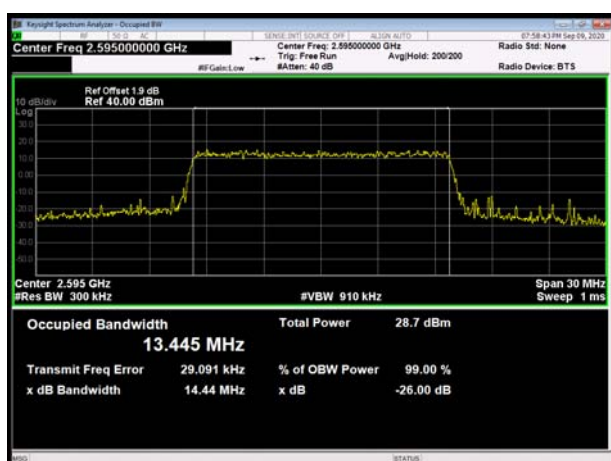
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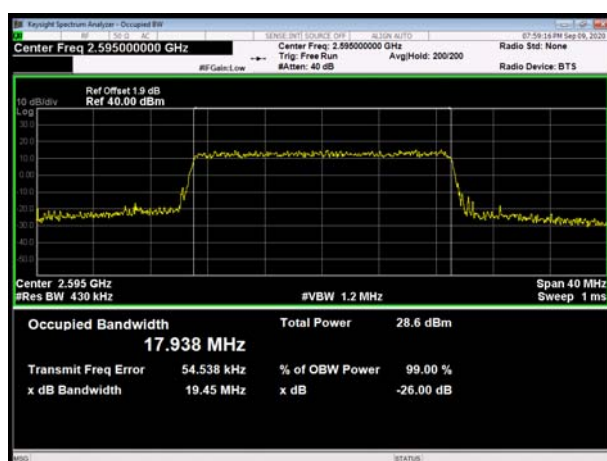
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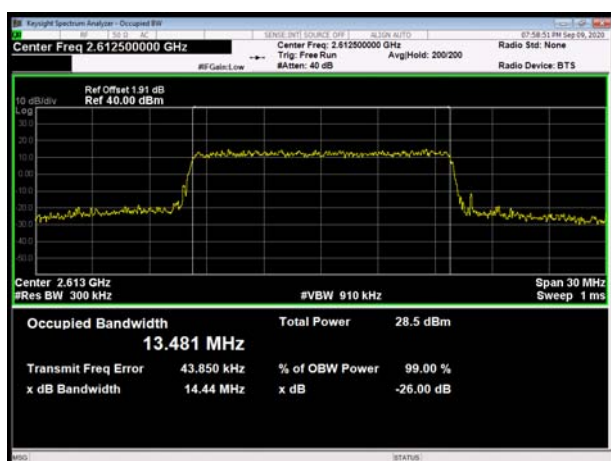
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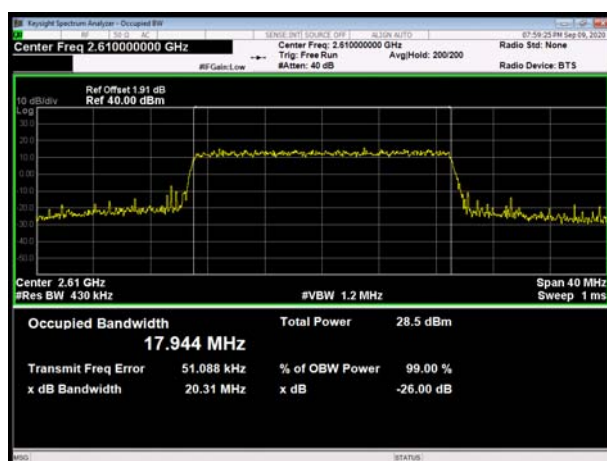
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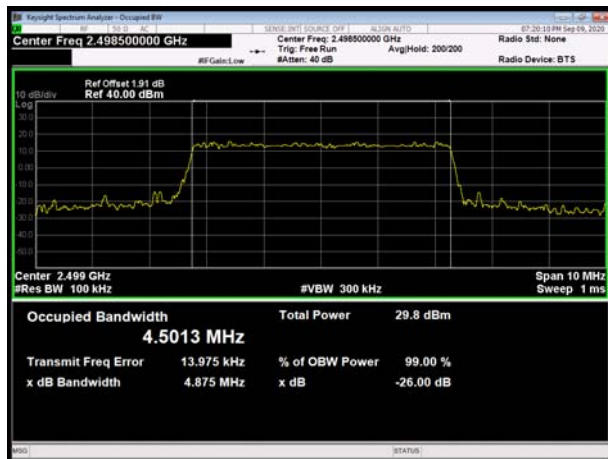
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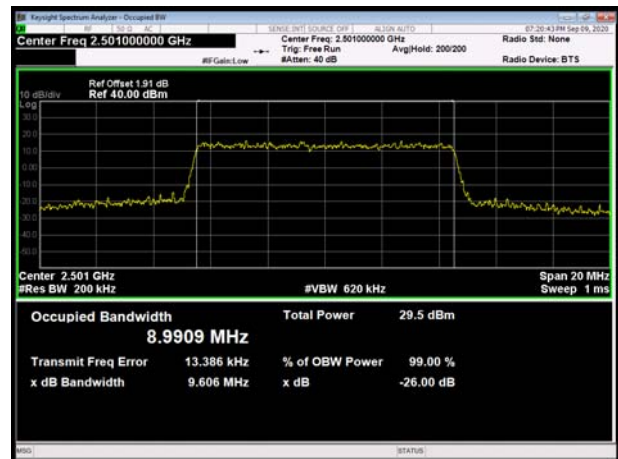


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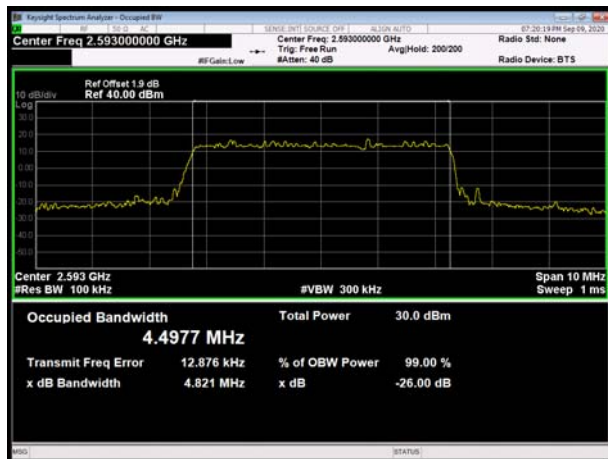
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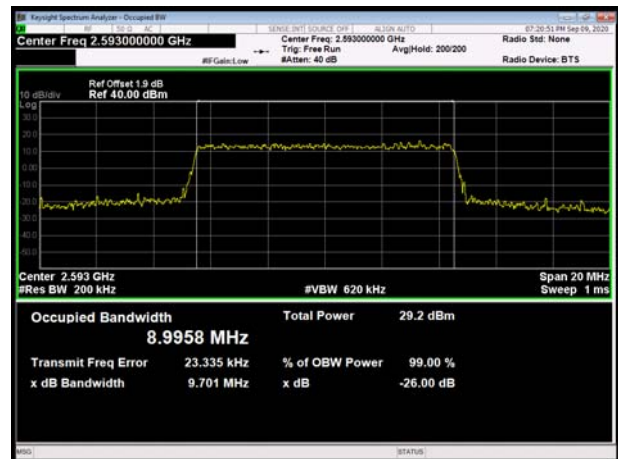
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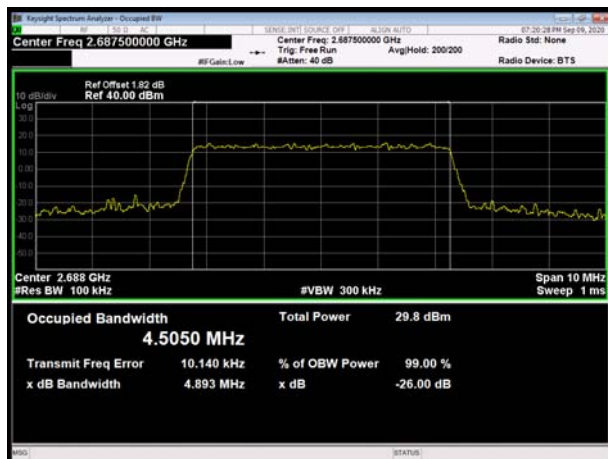
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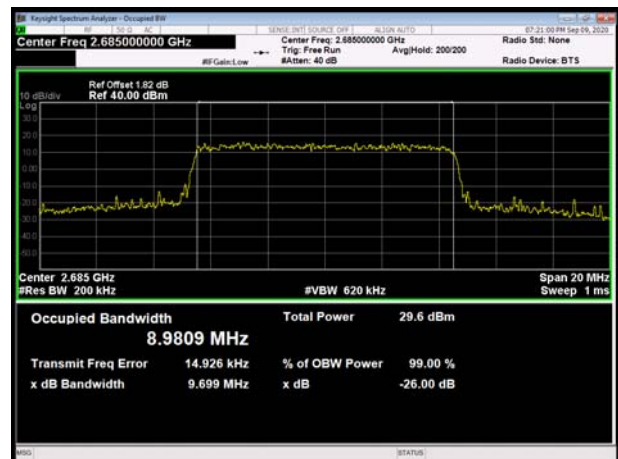
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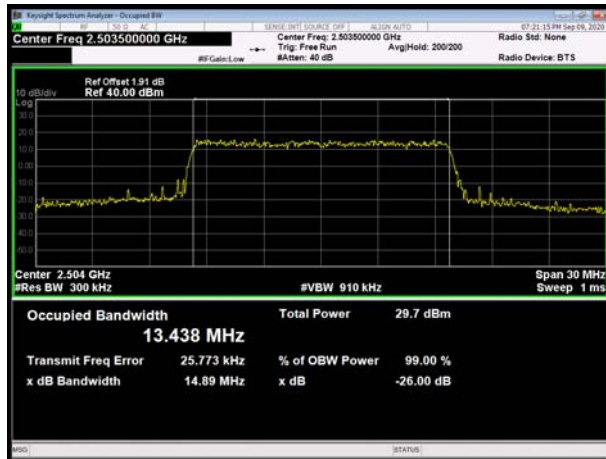


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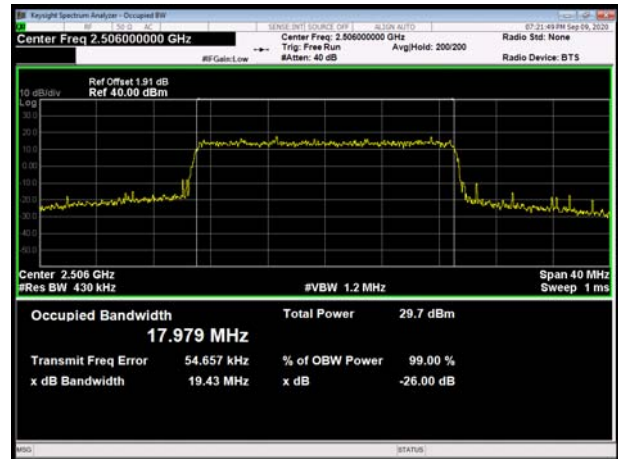




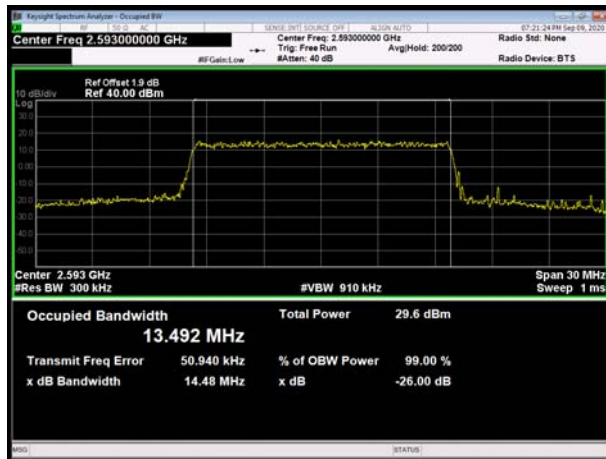
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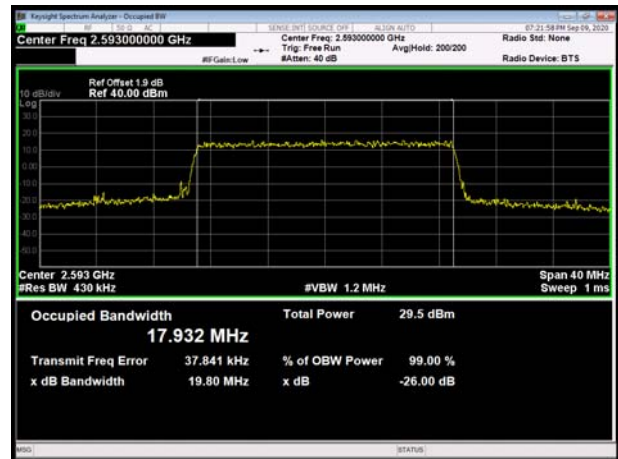
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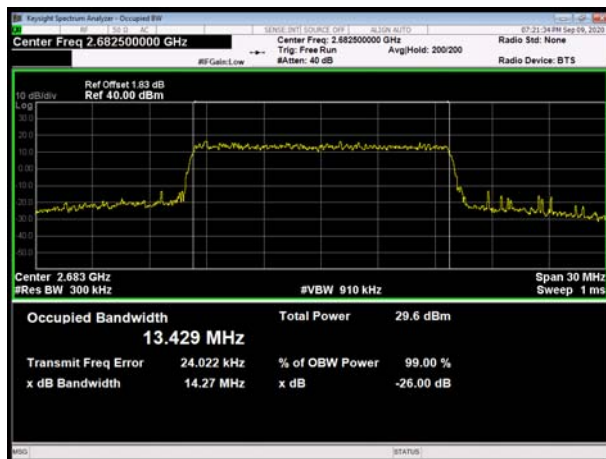
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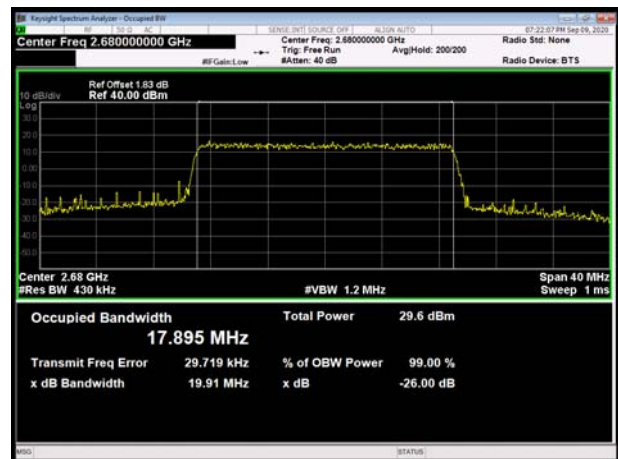
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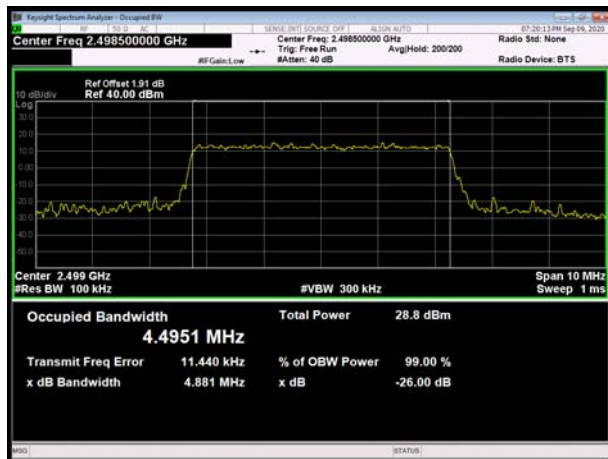
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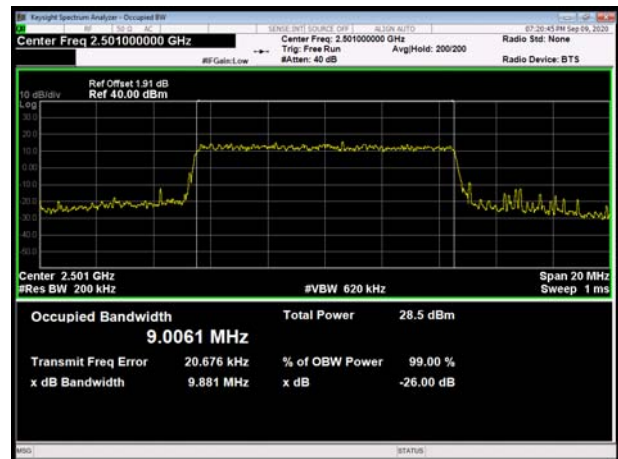
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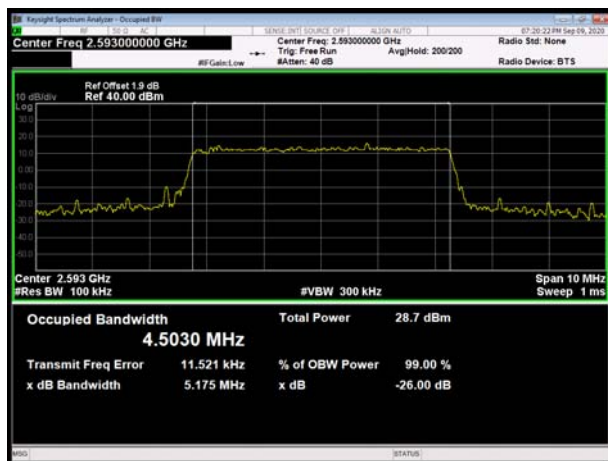
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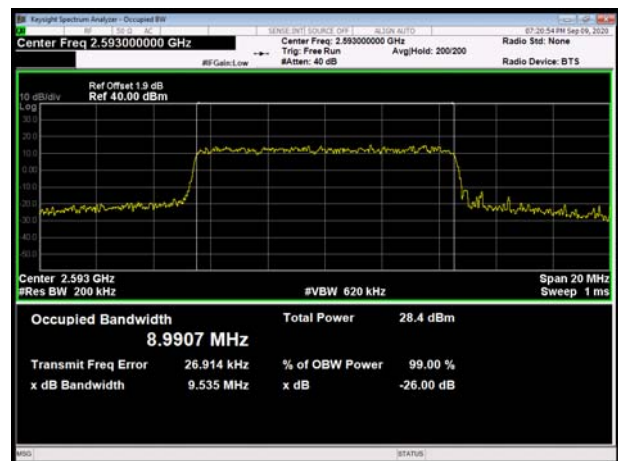
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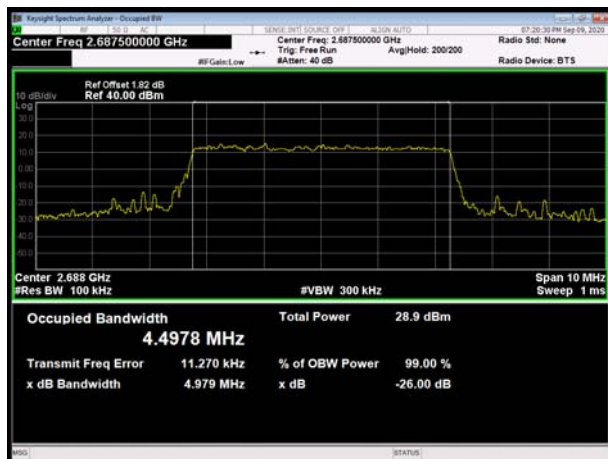
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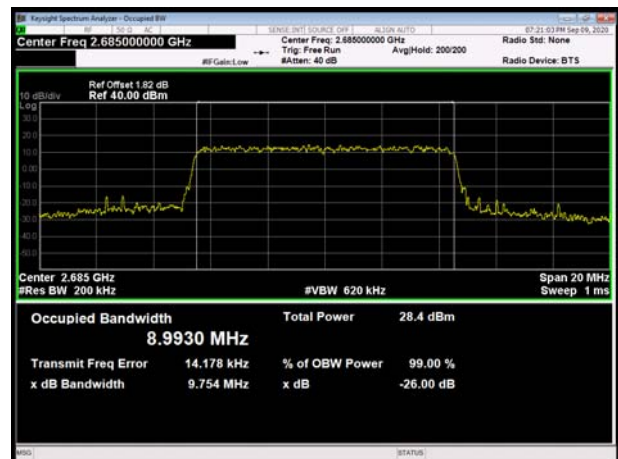
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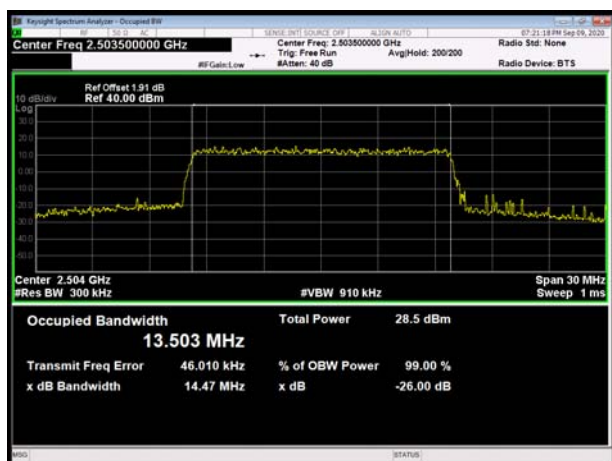
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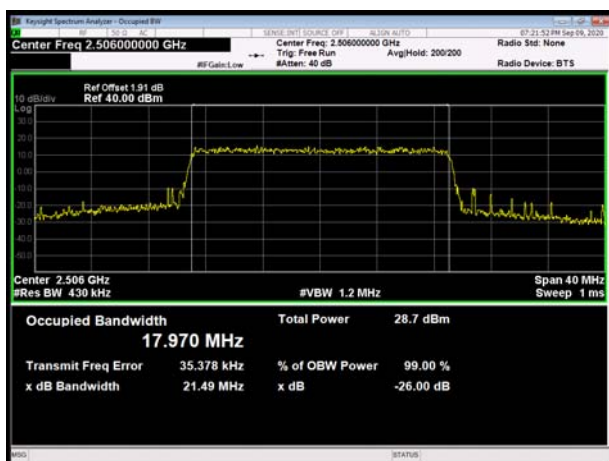
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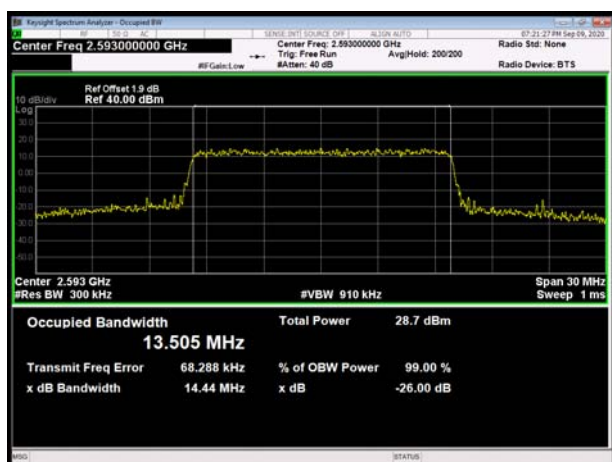
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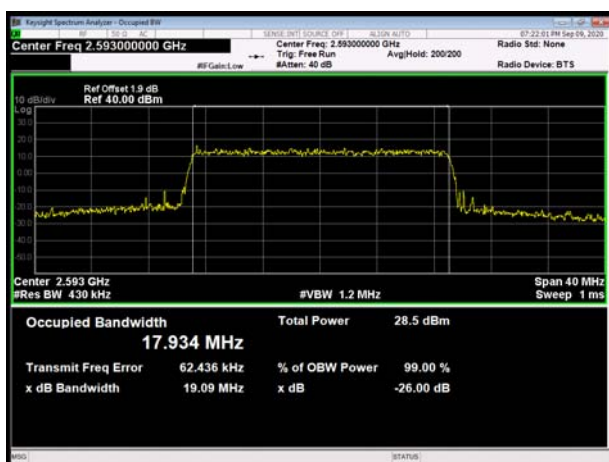
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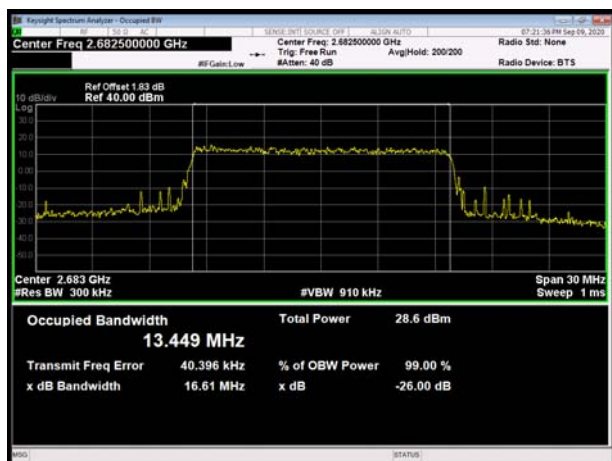
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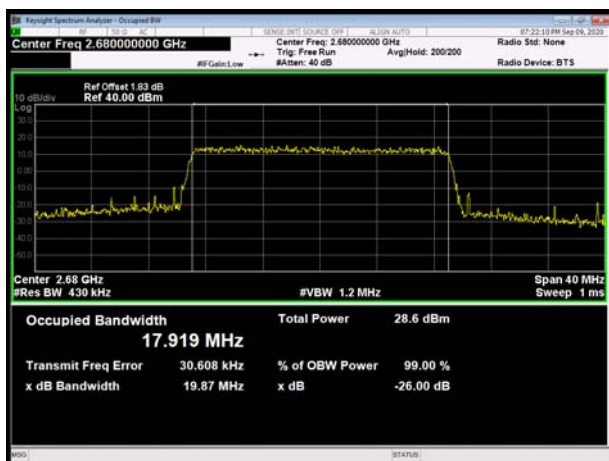
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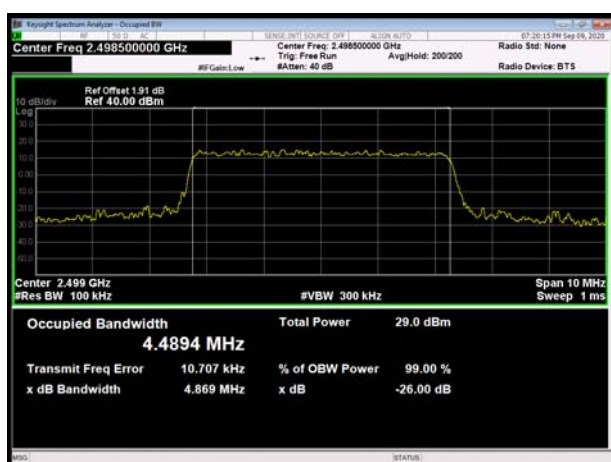


LTE Band 41 16QAM 20MHz CH-High





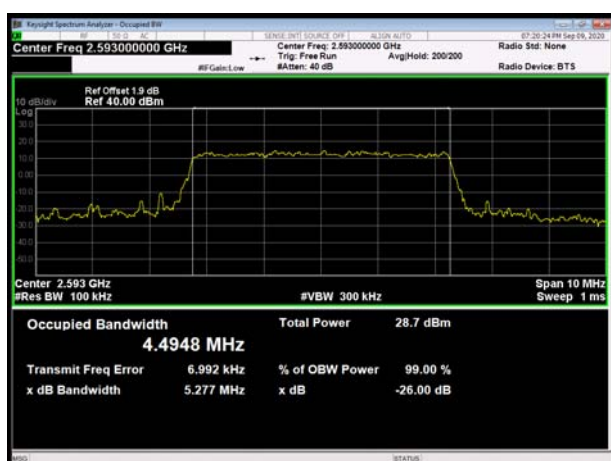
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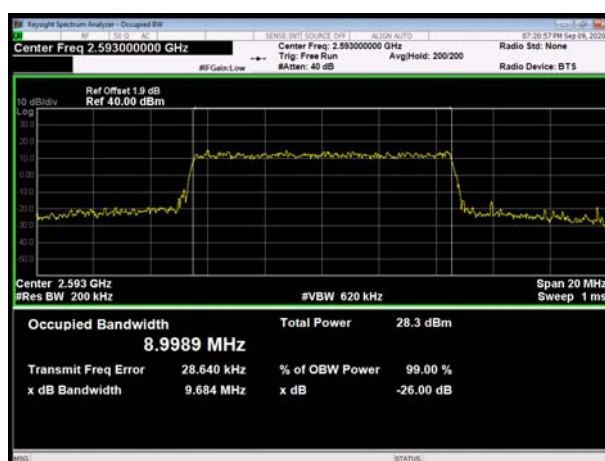
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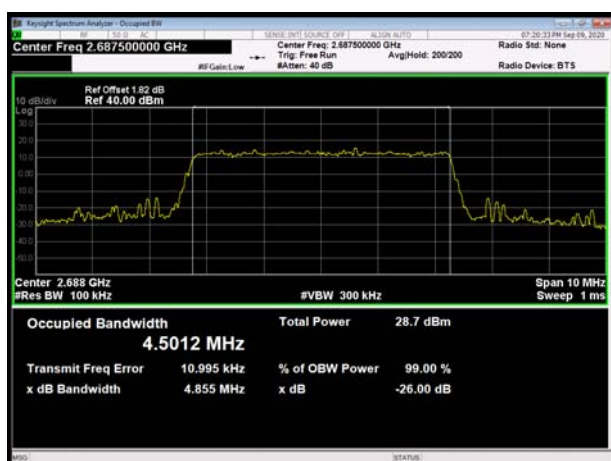
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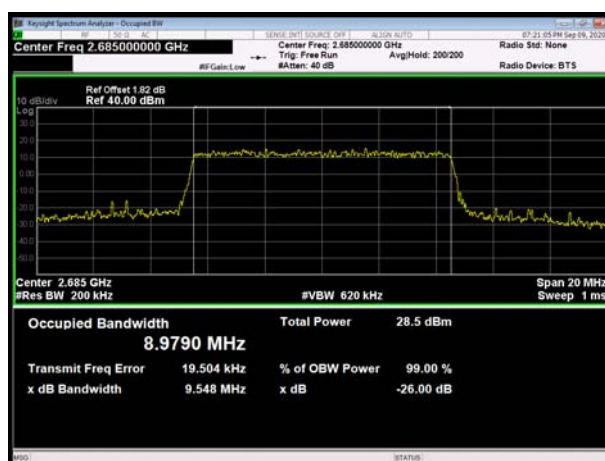
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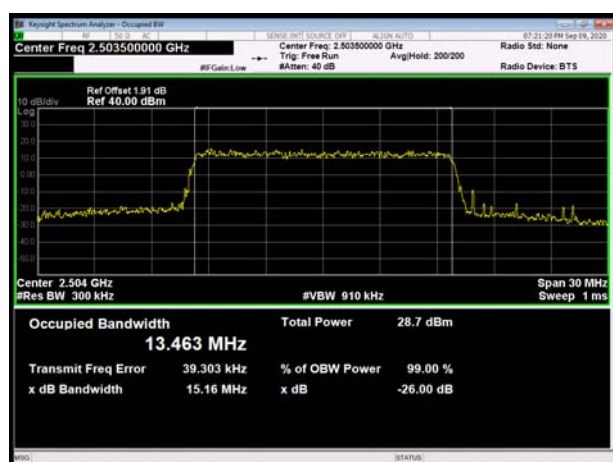


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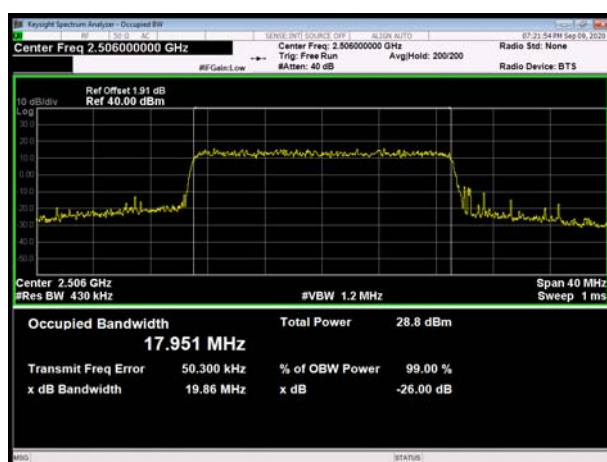




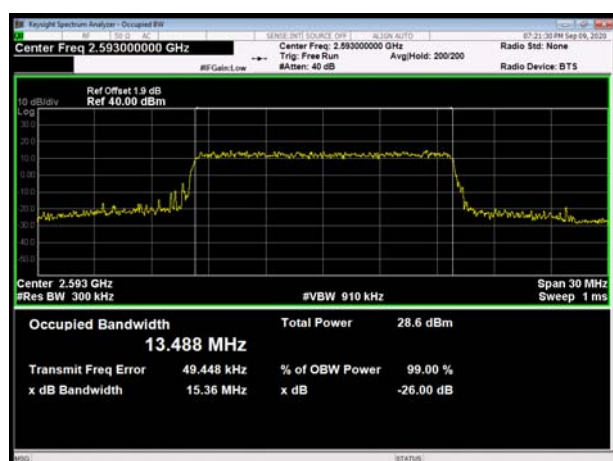
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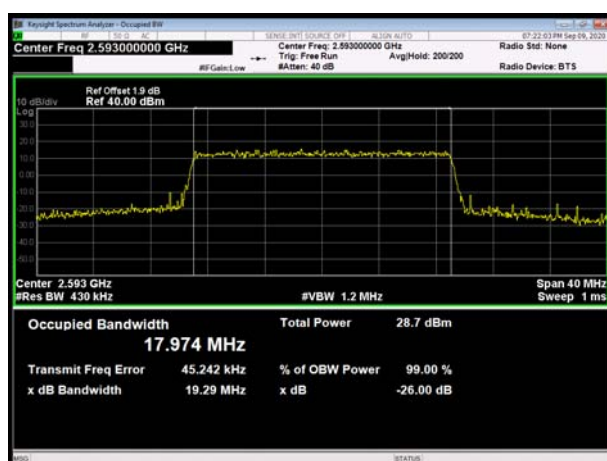
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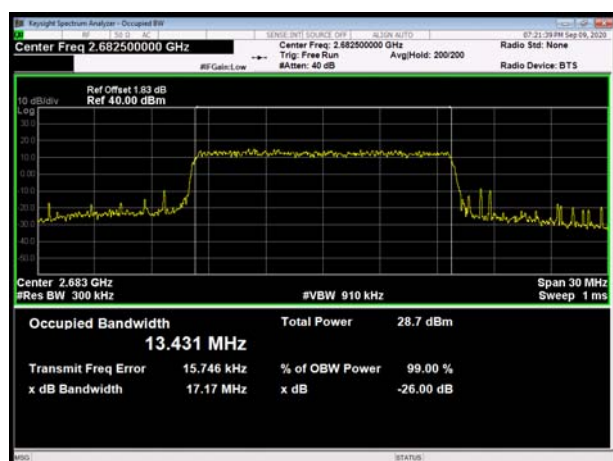
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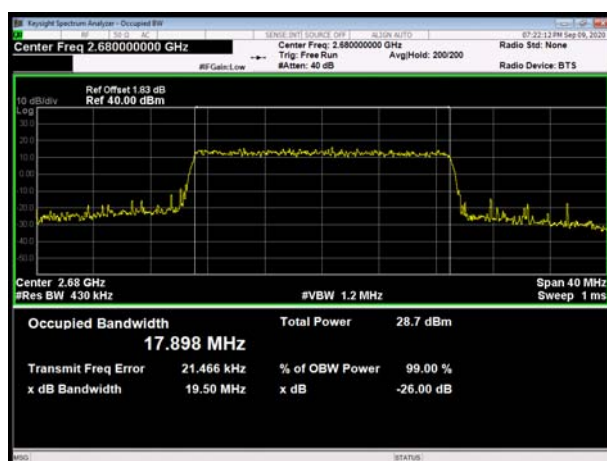
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LTE Band 41 64QAM 15MHz CH-High



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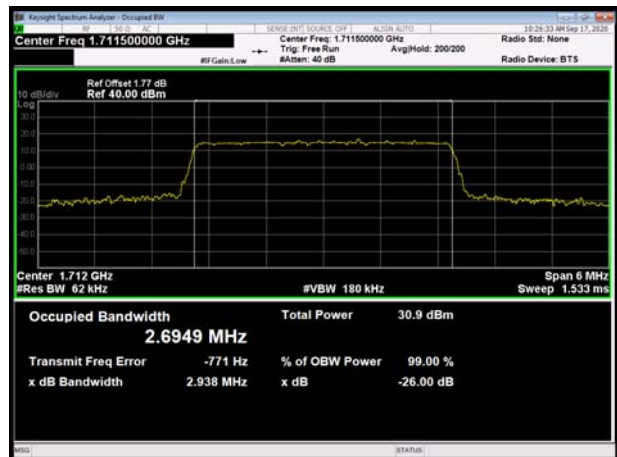


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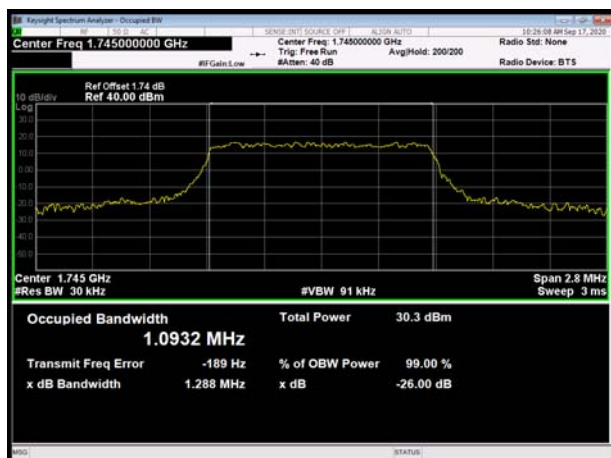
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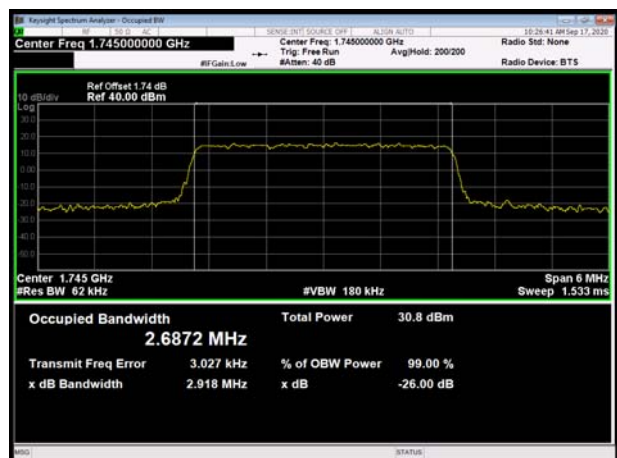
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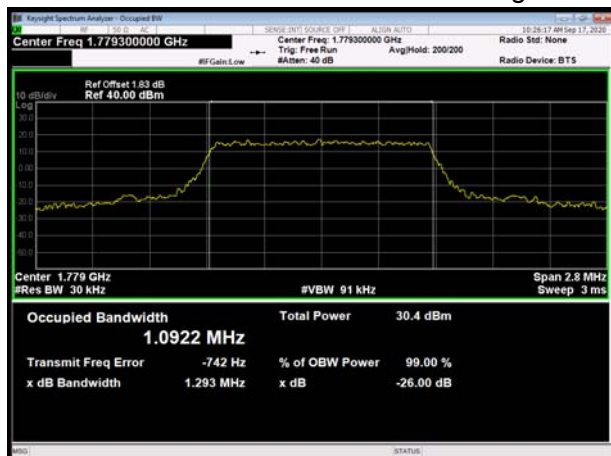
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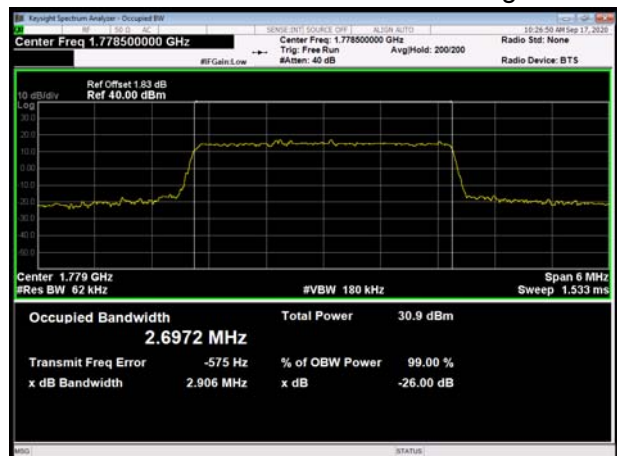
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LTE Band 66 QPSK 1.4MHz CH-High

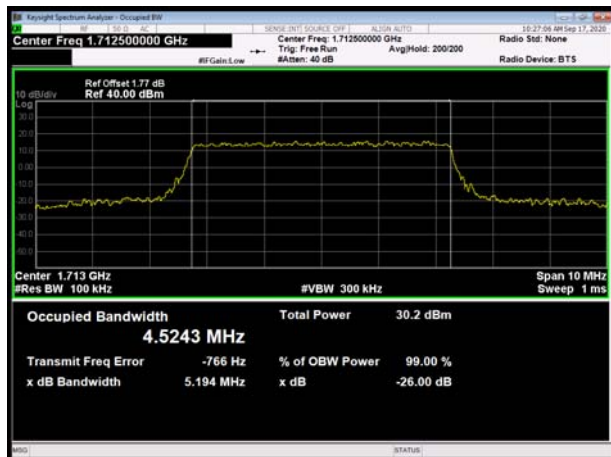


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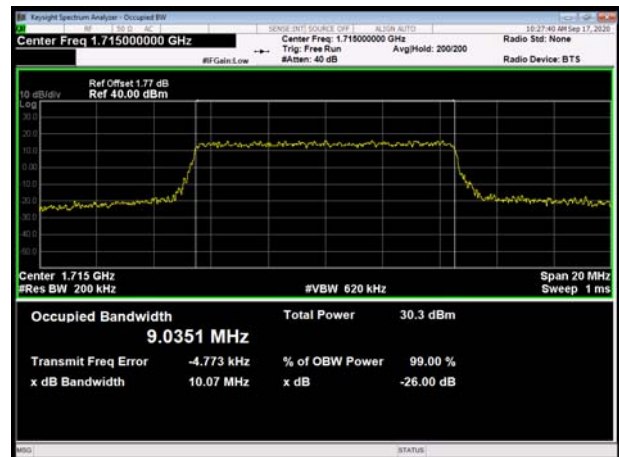




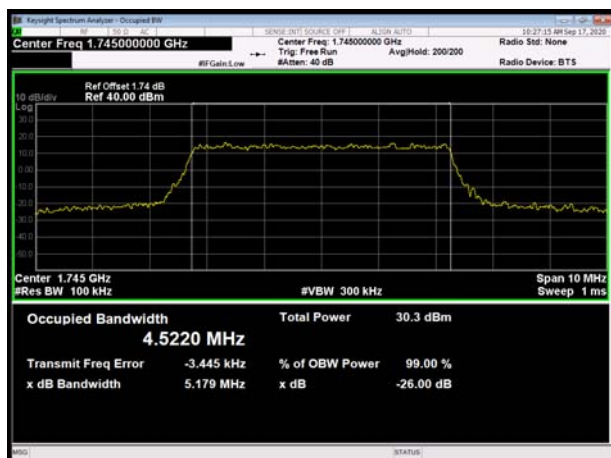
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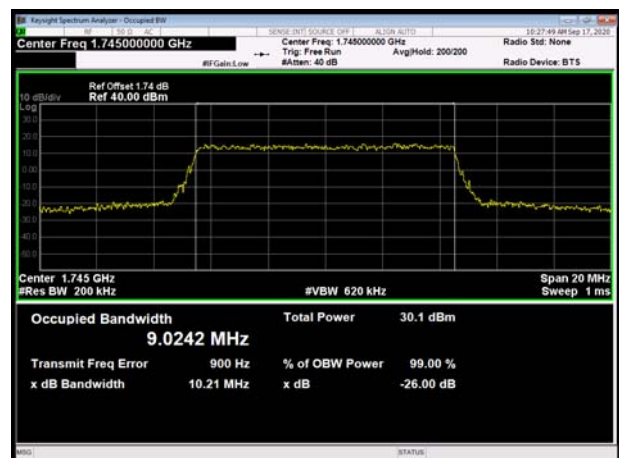
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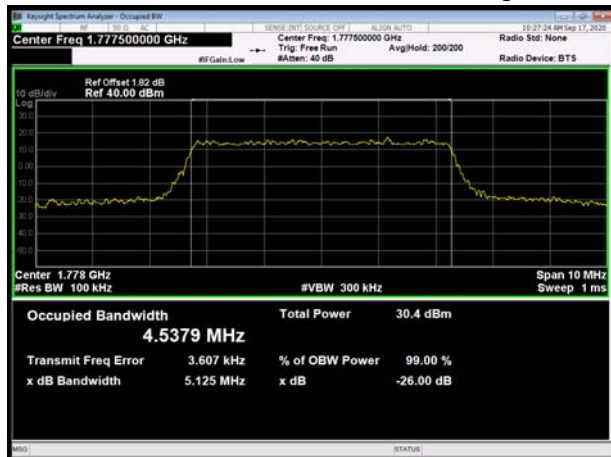
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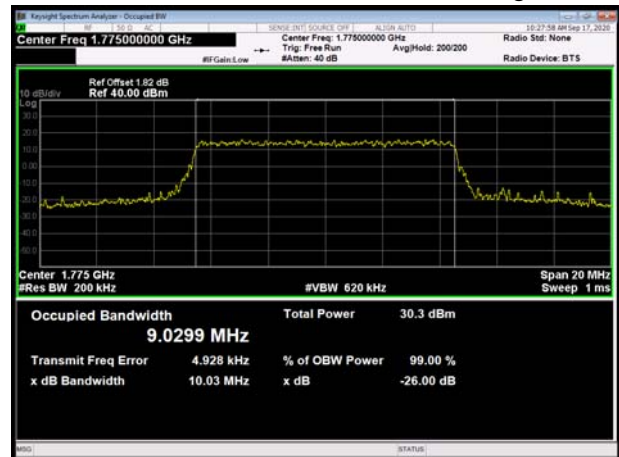
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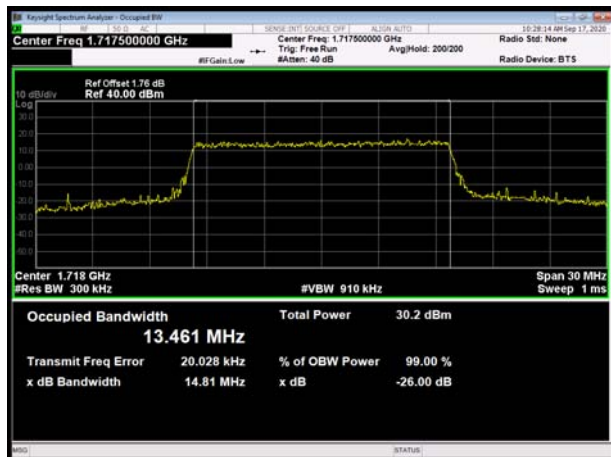


LTE Band 66 QPSK 10MHz CH-High

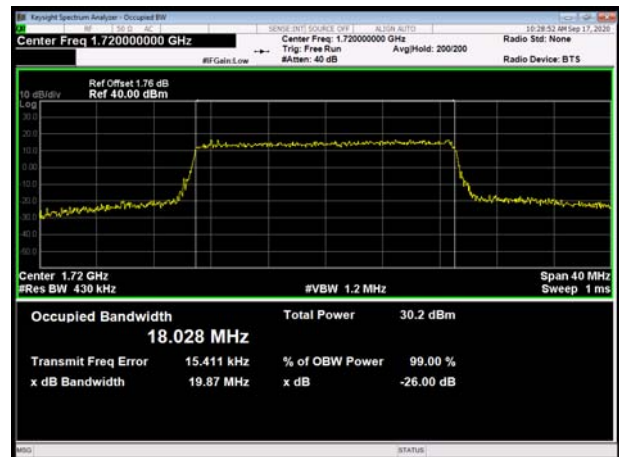




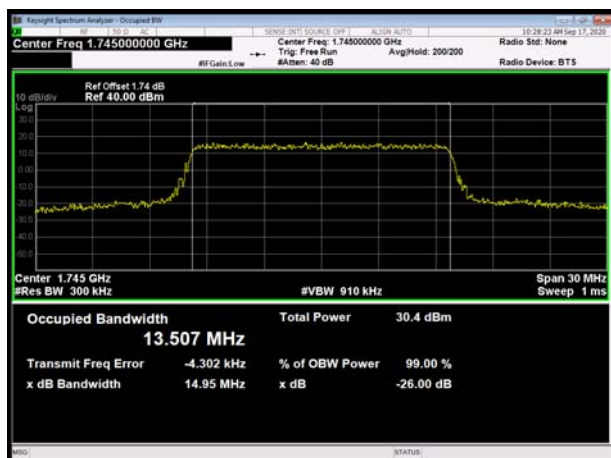
LTE Band 66 QPSK 15MHz CH-Low



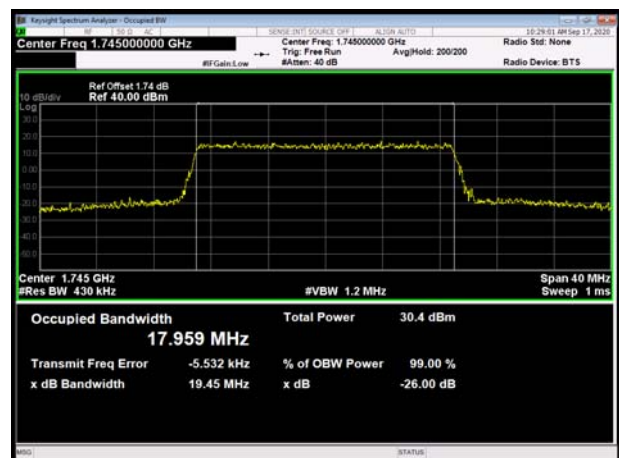
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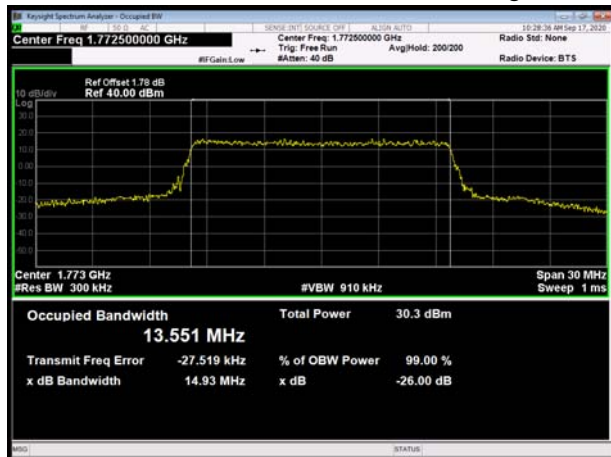
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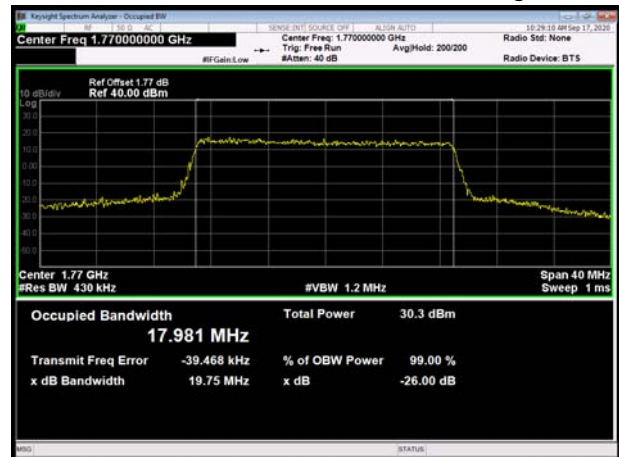
LTE Band 66 QPSK 20MHz CH-Middle



LTE Band 66 QPSK 15MHz CH-High



LTE Band 66 QPSK 20MHz CH-High

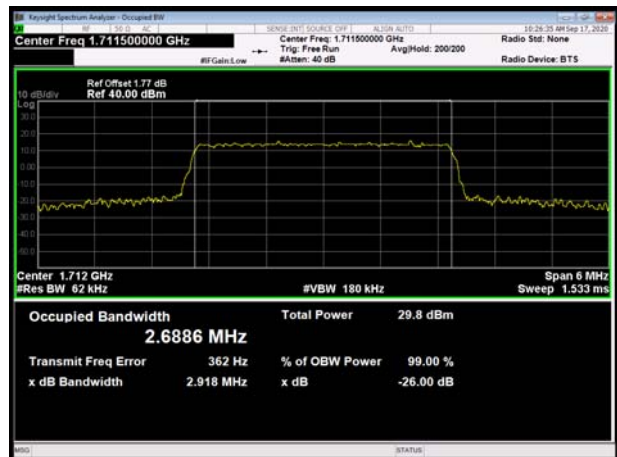




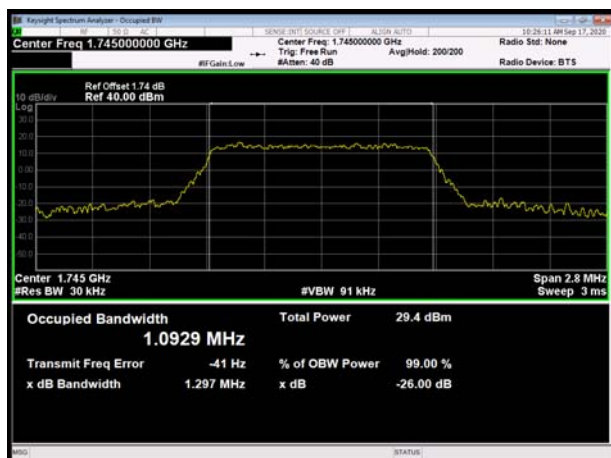
LTE Band 66 16QAM 1.4MHz CH-Low



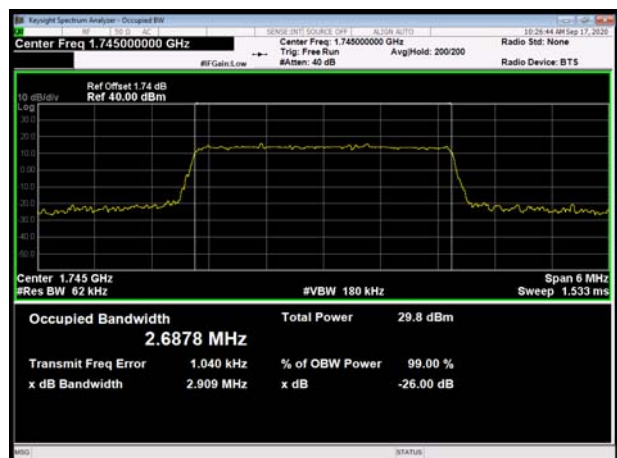
LTE Band 66 16QAM 3MHz CH-Low



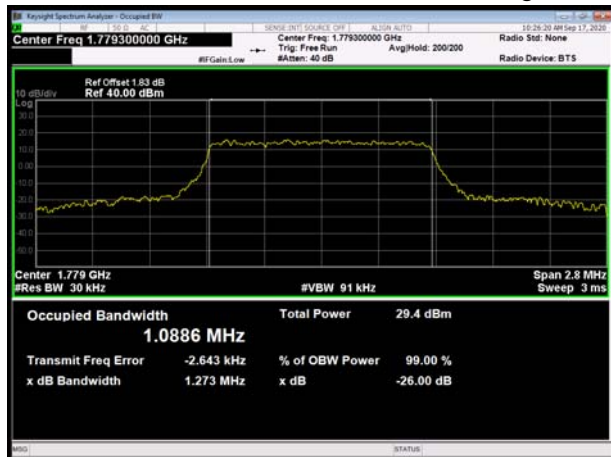
LTE Band 66 16QAM 1.4MHz CH-Middle



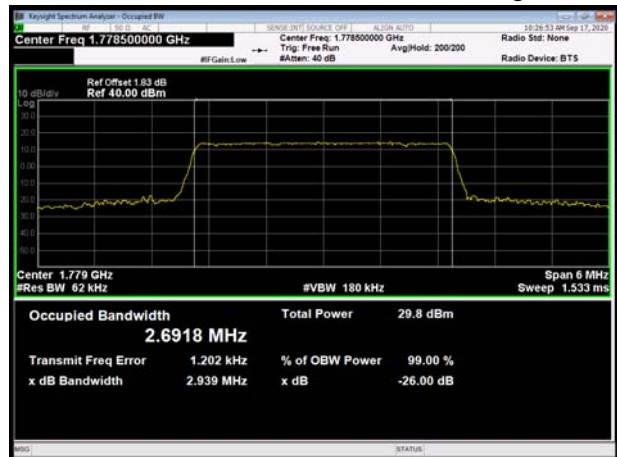
LTE Band 66 16QAM 3MHz CH-Middle



LTE Band 66 16QAM 1.4MHz CH-High

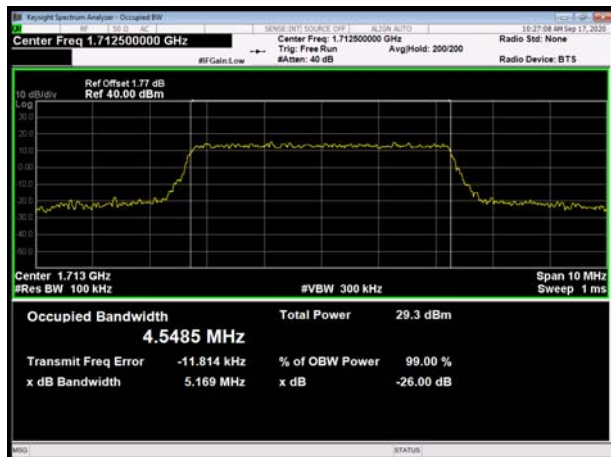


LTE Band 66 16QAM 3MHz CH-High

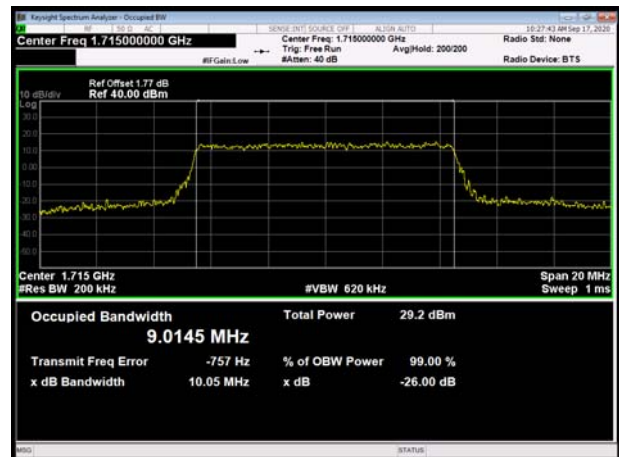




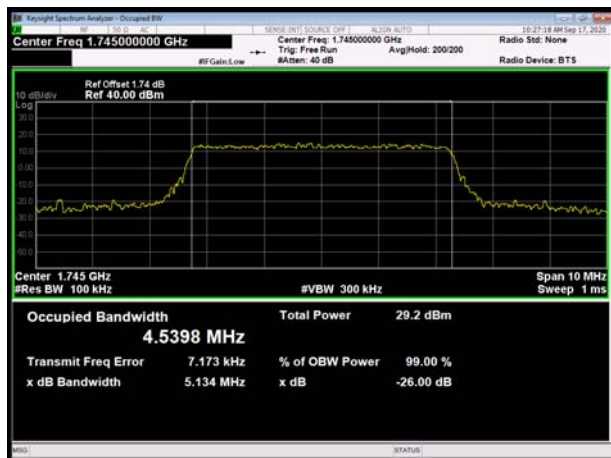
LTE Band 66 16QAM 5MHz CH-Low



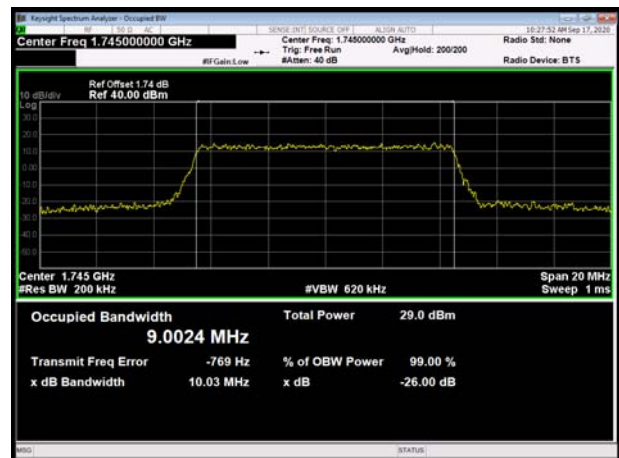
LTE Band 66 16QAM 10MHz CH-Low



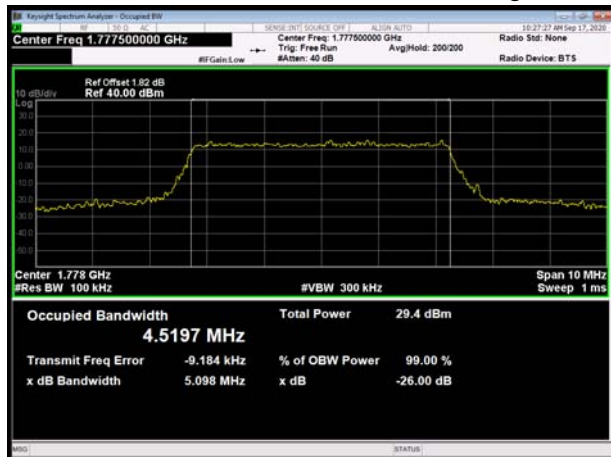
LTE Band 66 16QAM 5MHz CH-Middle



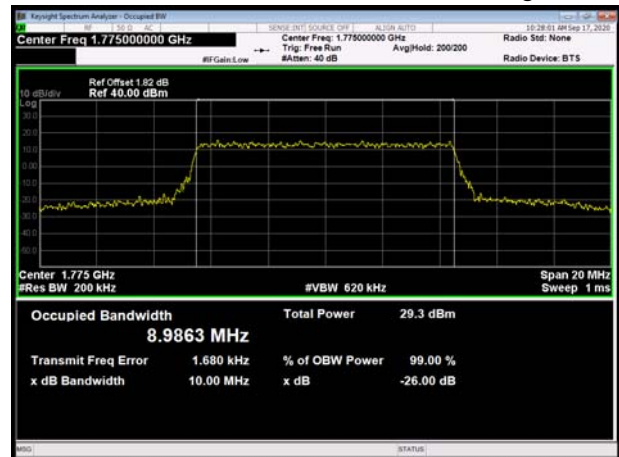
LTE Band 66 16QAM 10MHz CH-Middle



LTE Band 66 16QAM 5MHz CH-High

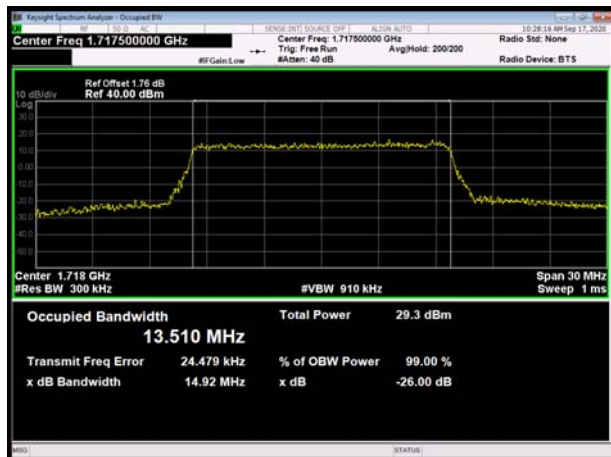


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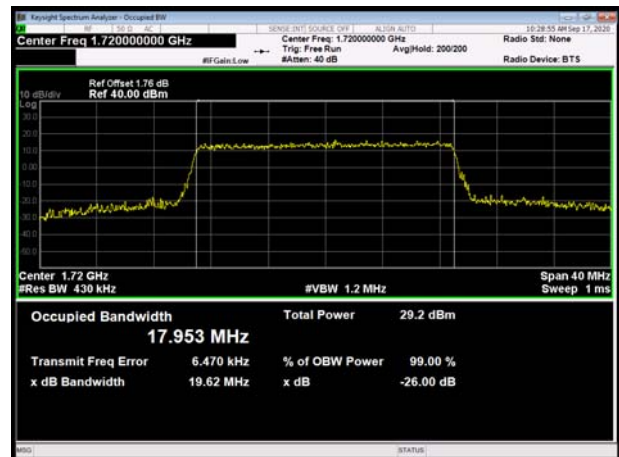




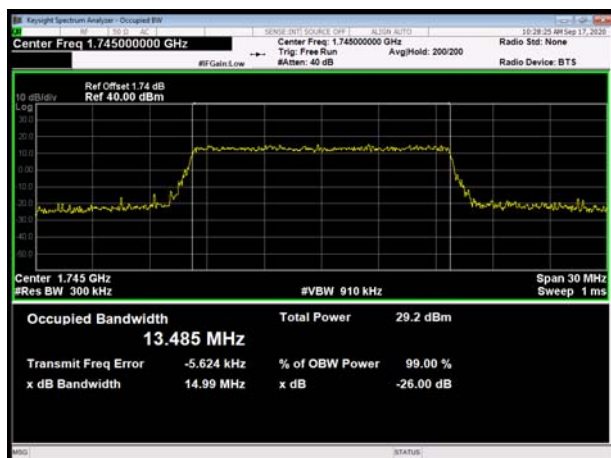
LTE Band 66 16QAM 15MHz CH-Low



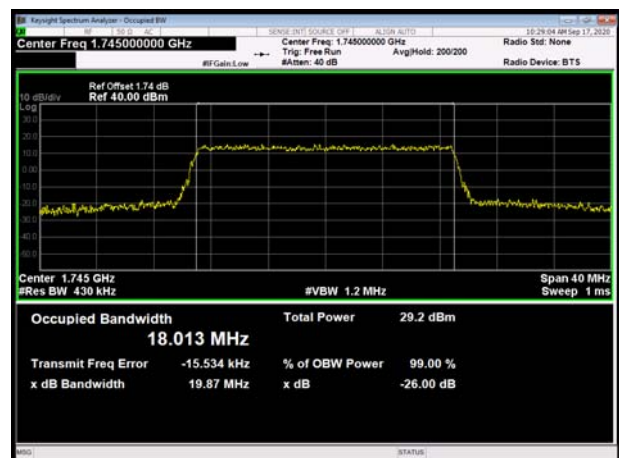
LTE Band 66 16QAM 20MHz CH-Low



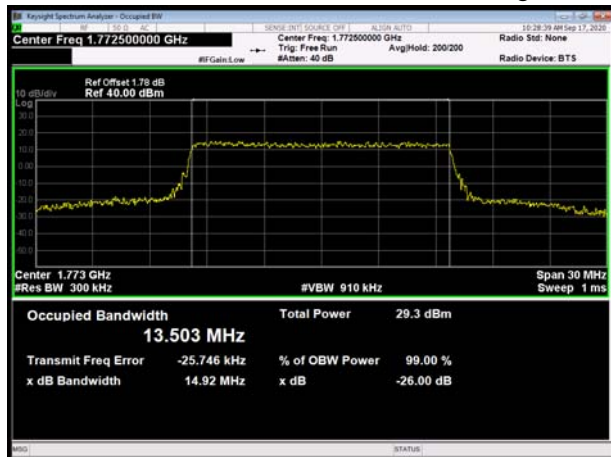
LTE Band 66 16QAM 15MHz CH-Middle



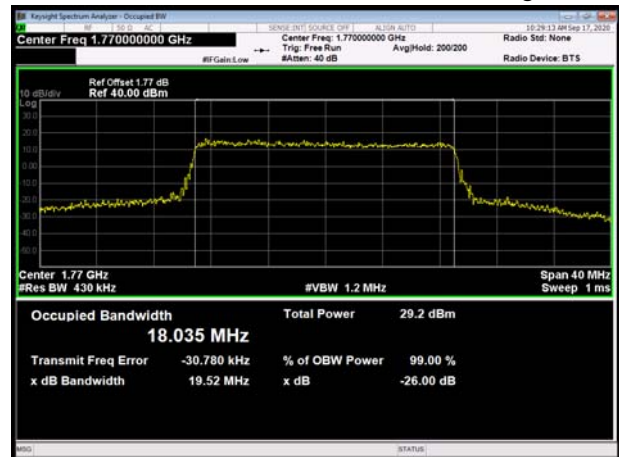
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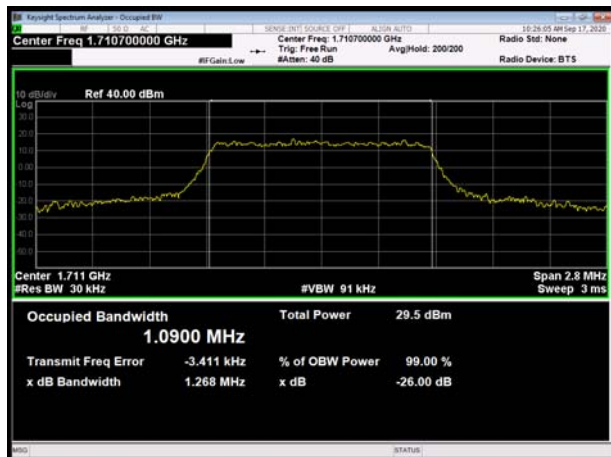


LTE Band 66 16QAM 20MHz CH-High

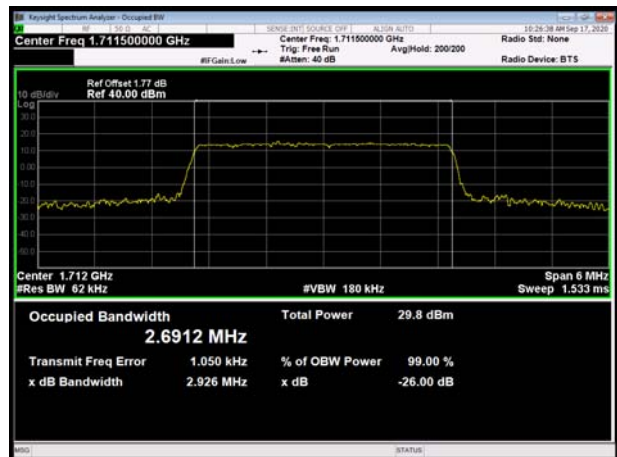




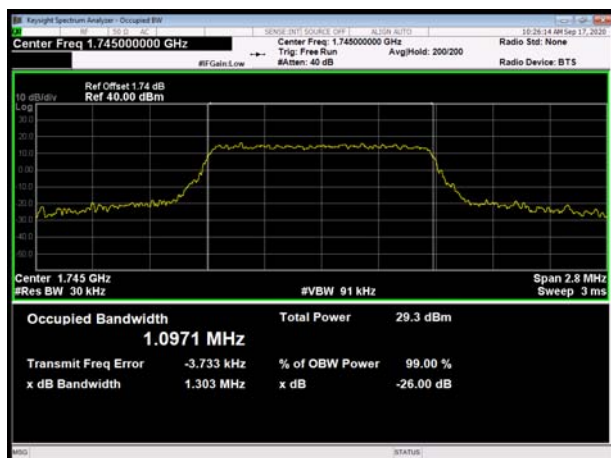
LTE Band 66 64QAM 1.4MHz CH-Low



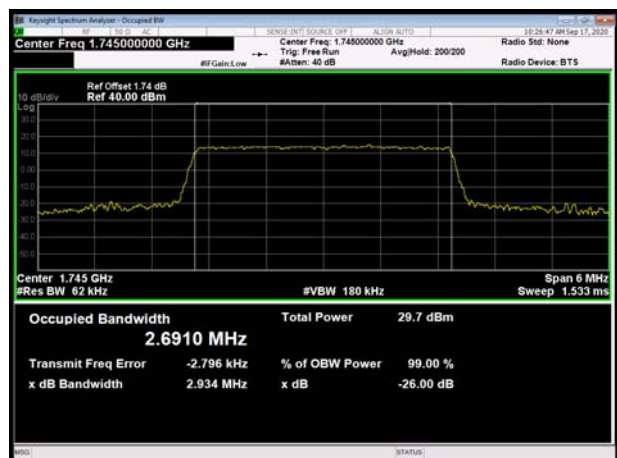
LTE Band 66 64QAM 3MHz CH-Low



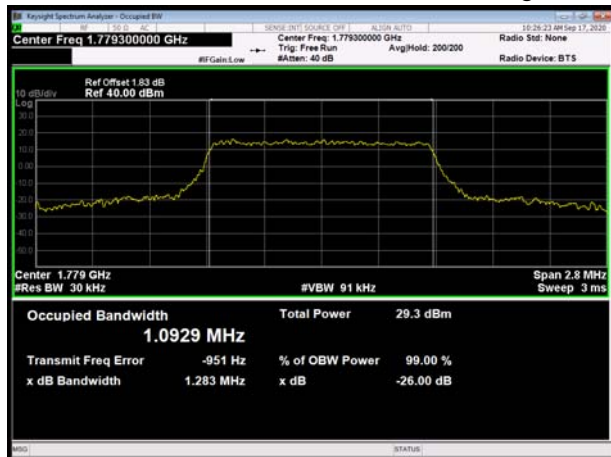
LTE Band 66 64QAM 1.4MHz CH-Middle



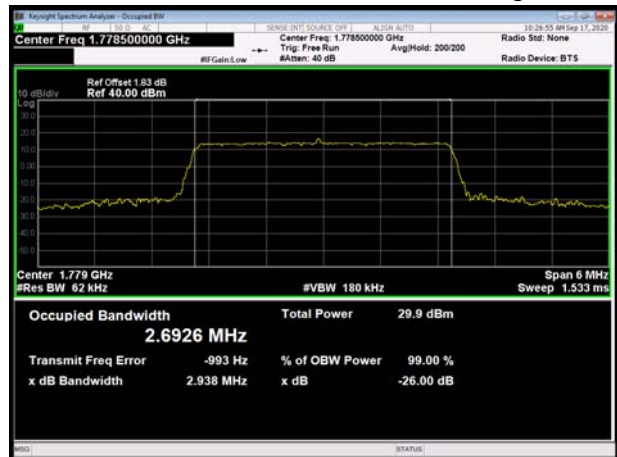
LTE Band 66 64QAM 3MHz CH-Middle



LTE Band 66 64QAM 1.4MHz CH-High

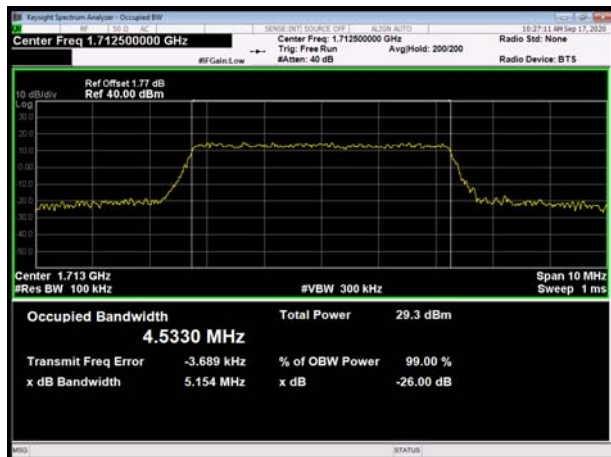


LTE Band 66 64QAM 3MHz CH-High

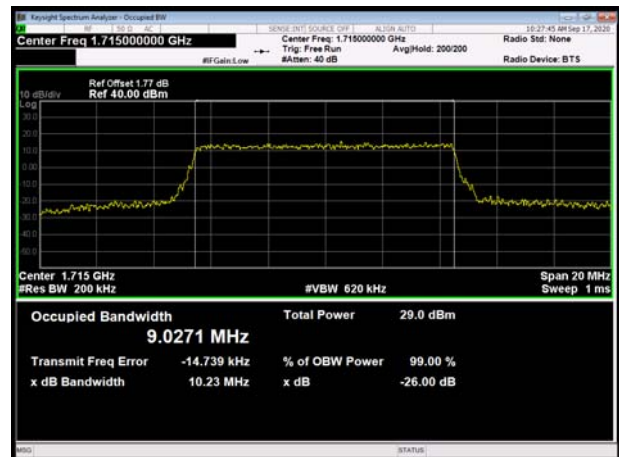




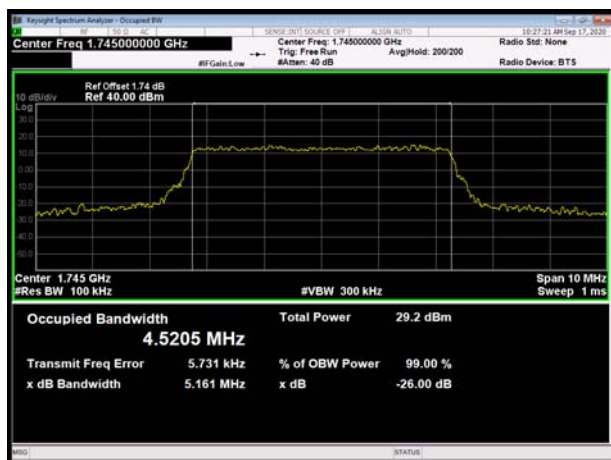
LTE Band 66 64QAM 5MHz CH-Low



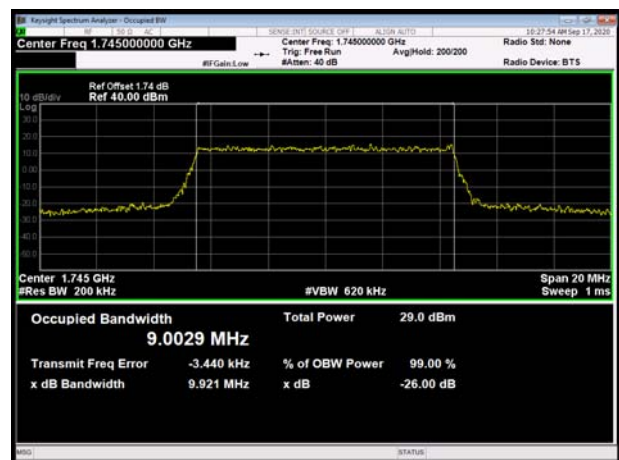
LTE Band 66 64QAM 10MHz CH-Low



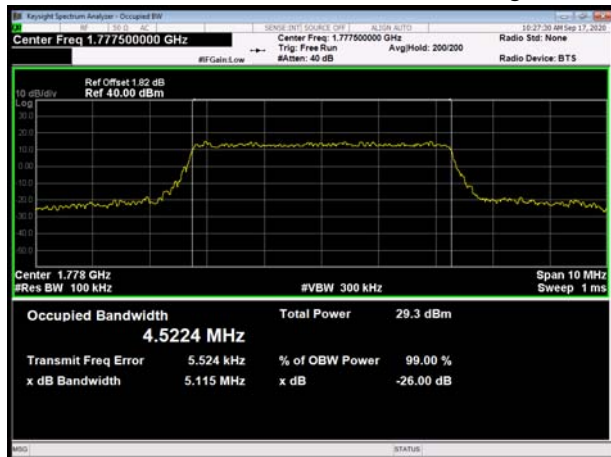
LTE Band 66 64QAM 5MHz CH-Middle



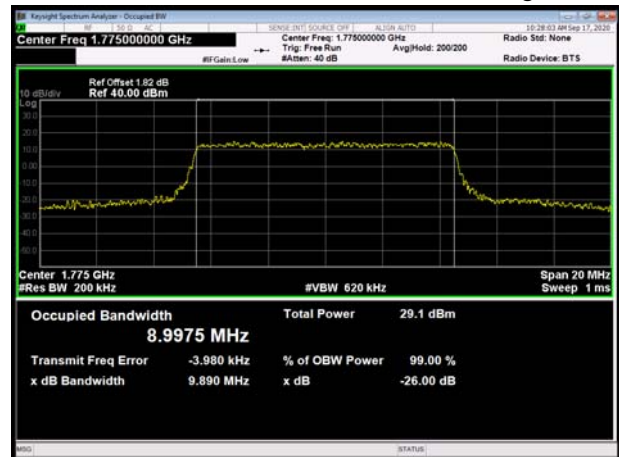
LTE Band 66 64QAM 10MHz CH-Middle



LTE Band 66 64QAM 5MHz CH-High

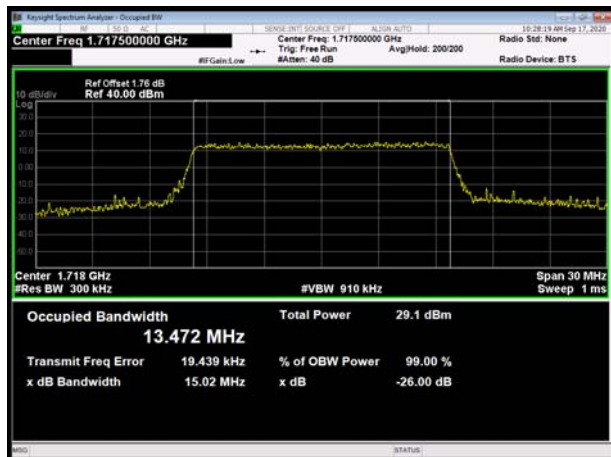


LTE Band 66 64QAM 10MHz CH-High

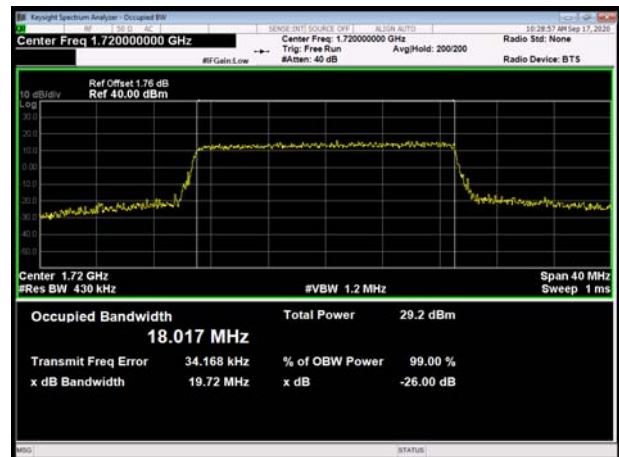




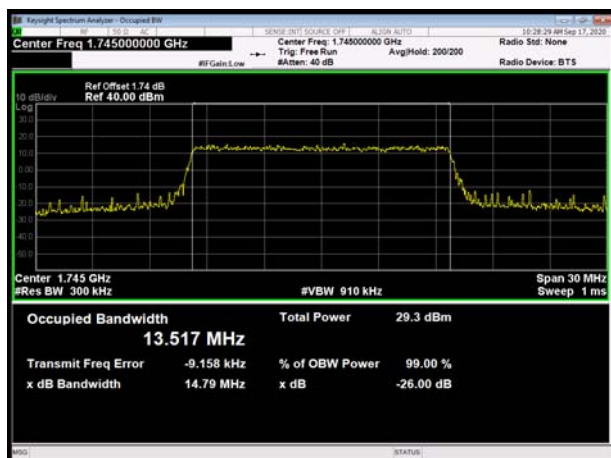
LTE Band 66 64QAM 15MHz CH-Low



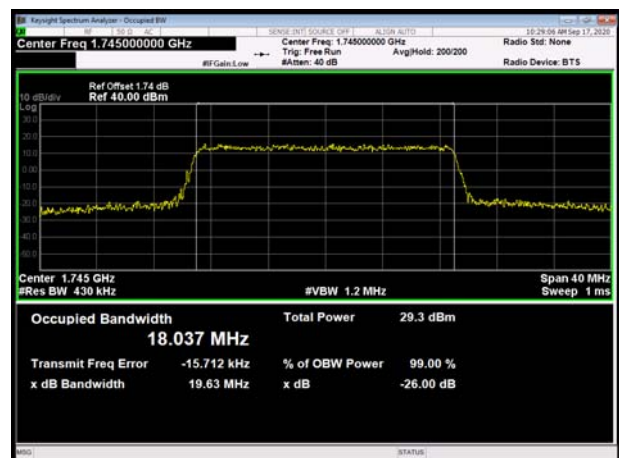
LTE Band 66 64QAM 20MHz CH-Low



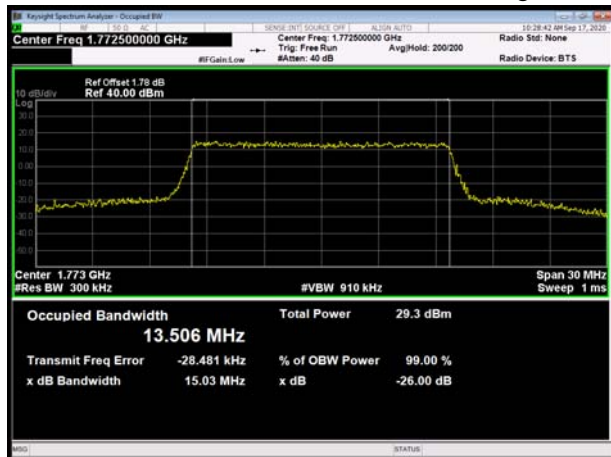
LTE Band 66 64QAM 15MHz CH-Middle



LTE Band 66 64QAM 20MHz CH-Middle



LTE Band 66 64QAM 15MHz CH-High



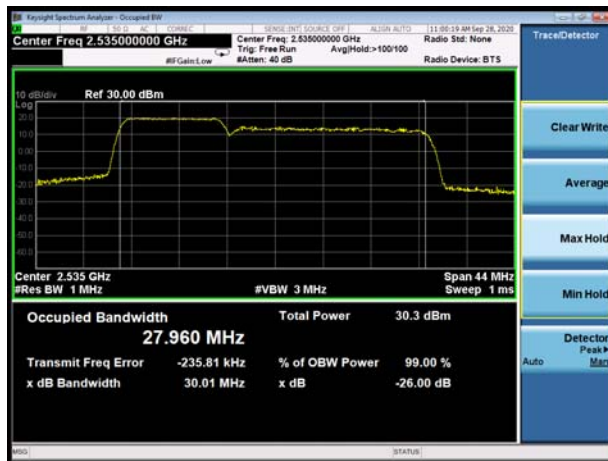
LTE Band 66 64QAM 20MHz CH-High



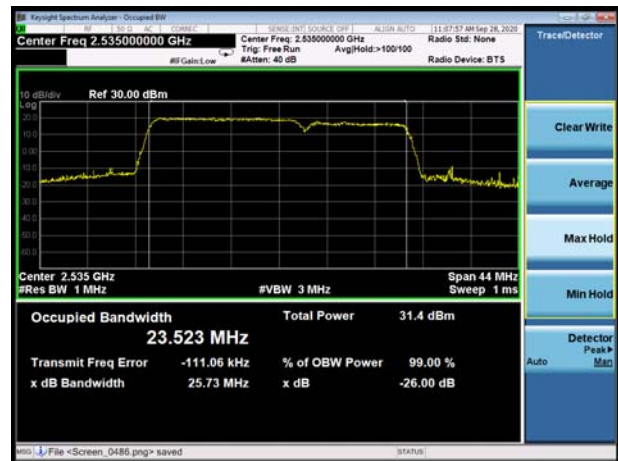


Variant

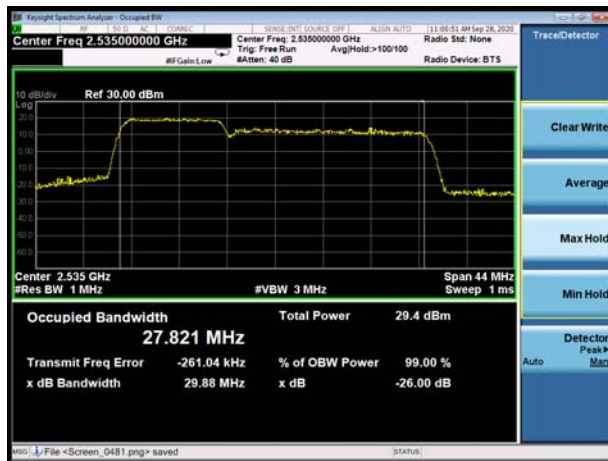
CA_7C QPSK 10MHz+20MHz



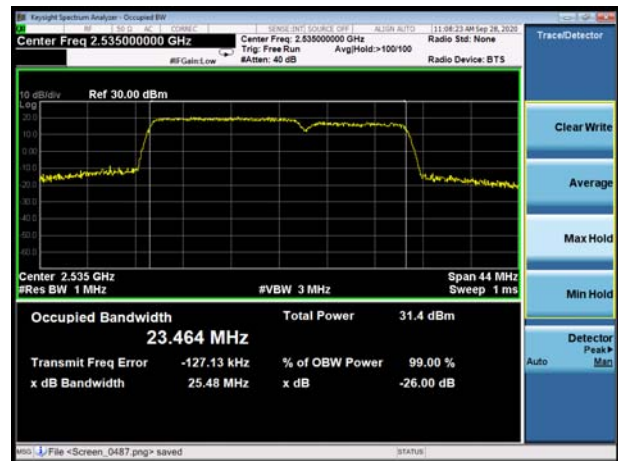
CA_7C QPSK 15MHz+10MHz



CA_7C 16QAM 10MHz+20MHz



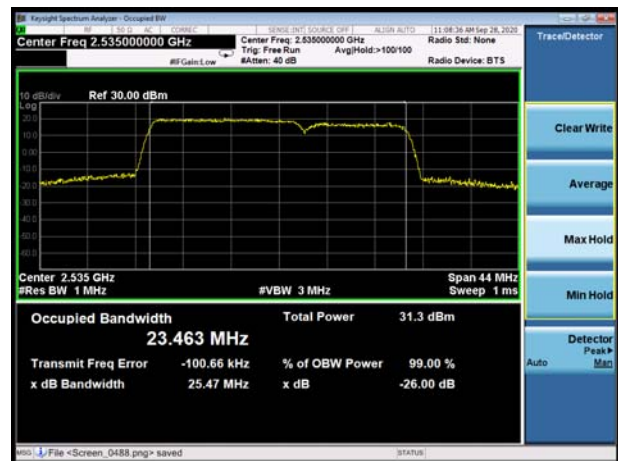
CA_7C 16QAM 15MHz+10MHz



CA_7C 64QAM 10MHz+20MHz

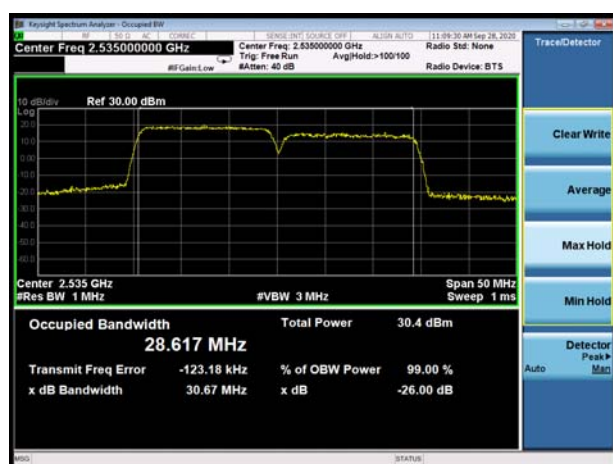


CA_7C 64QAM 15MHz+10MHz





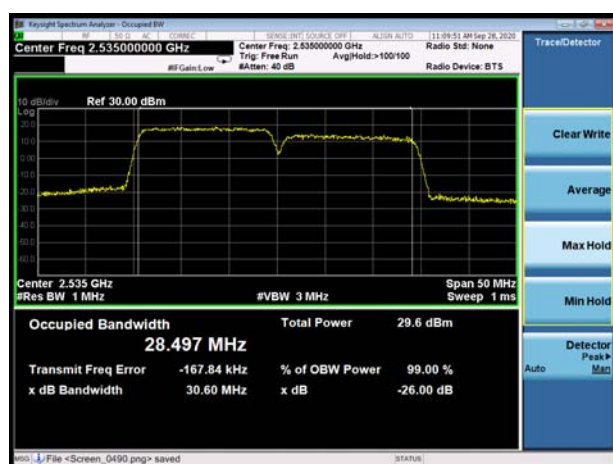
CA_7C QPSK 15MHz+15MHz



CA_7C QPSK 15MHz+20MHz



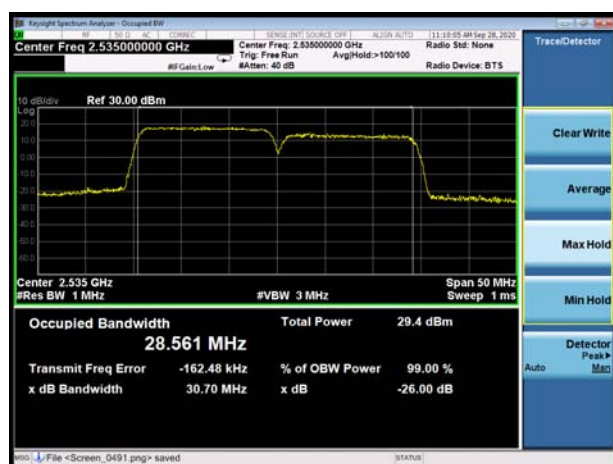
CA_7C 16QAM 15MHz+15MHz



CA_7C 16QAM 15MHz+20MHz



CA_7C 64QAM 15MHz+15MHz

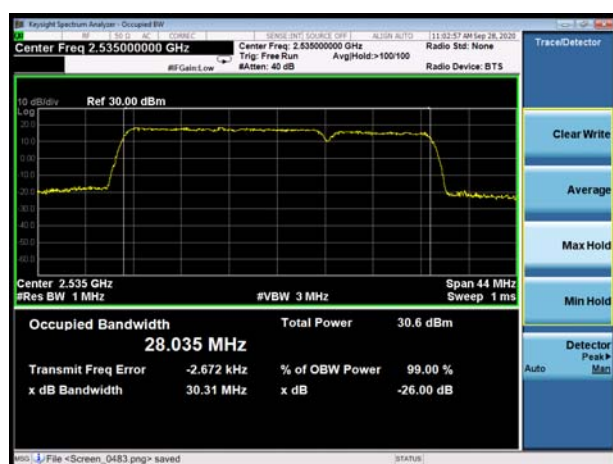


CA_7C 64QAM 15MHz+20MHz





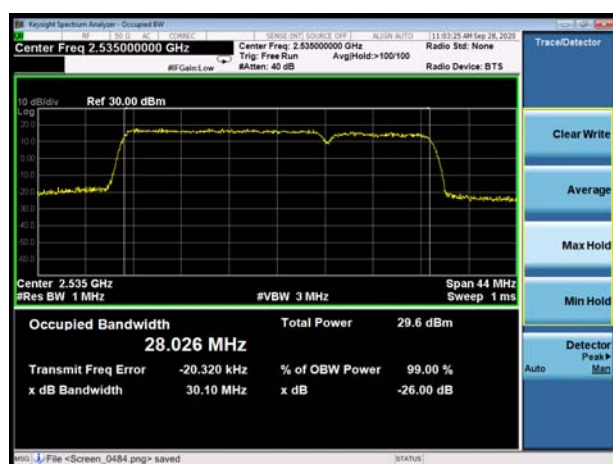
CA_7C QPSK 20MHz+10MHz



CA_7C QPSK 20MHz+15MHz



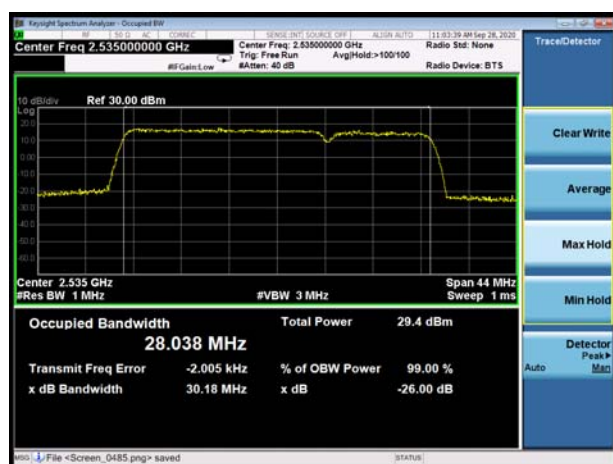
CA_7C 16QAM 20MHz+10MHz



CA_7C 16QAM 20MHz+15MHz



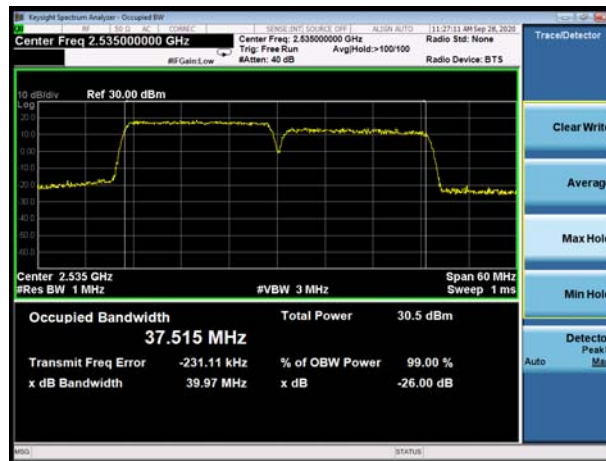
CA_7C 64QAM 20MHz+10MHz



CA_7C 64QAM 20MHz+15MHz



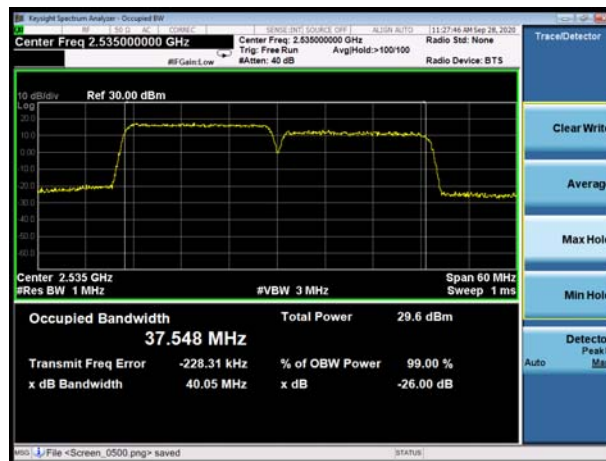
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CA_7C 16QAM 20MHz+20MHz



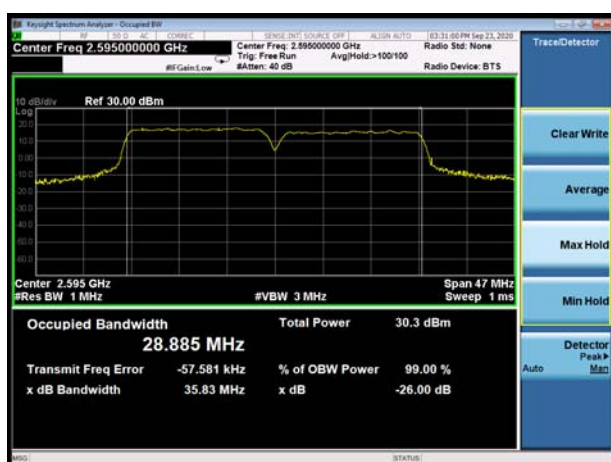
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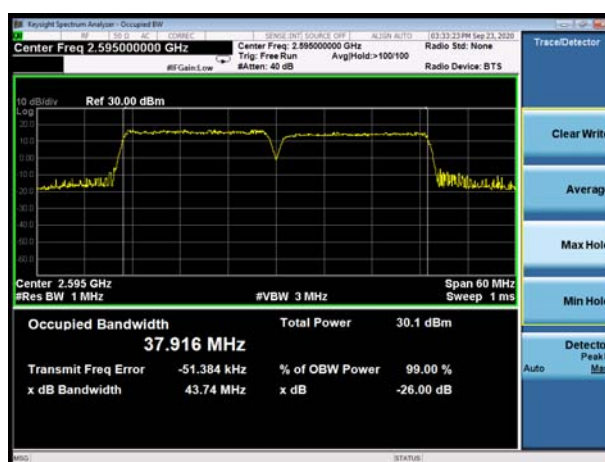


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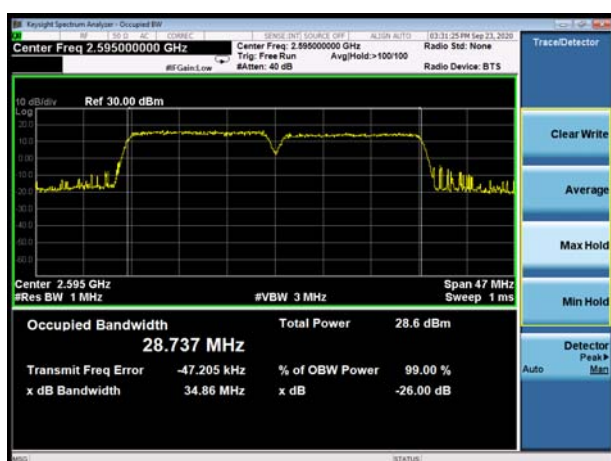
CA_38C QPSK 15MHz+15MHz



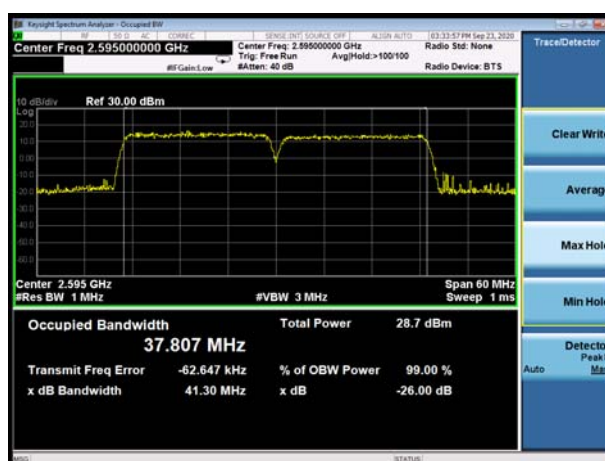
CA_38C QPSK 20MHz+20MHz



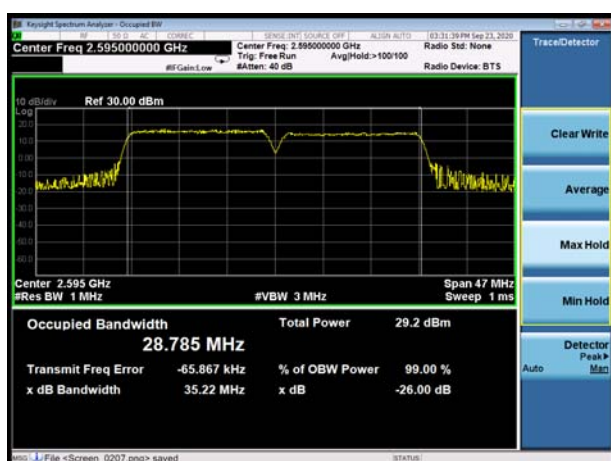
CA_38C 16QAM 15MHz+15MHz



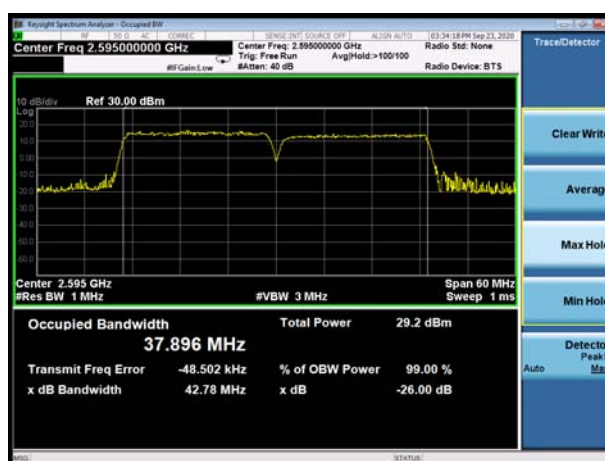
CA_38C 16QAM 20MHz+20MHz



CA_38C 64QAM 15MHz+15MHz



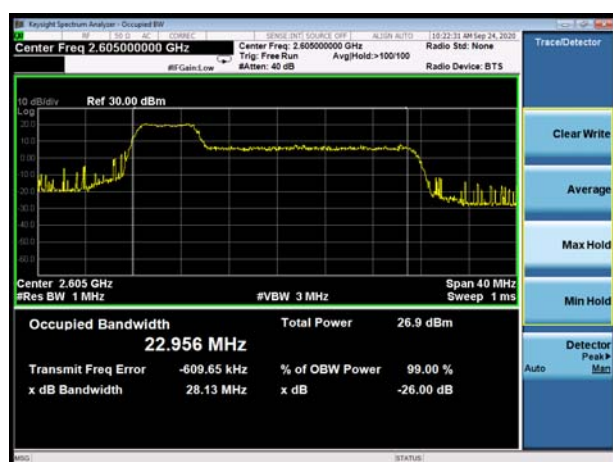
CA_38C 64QAM 20MHz+20MHz



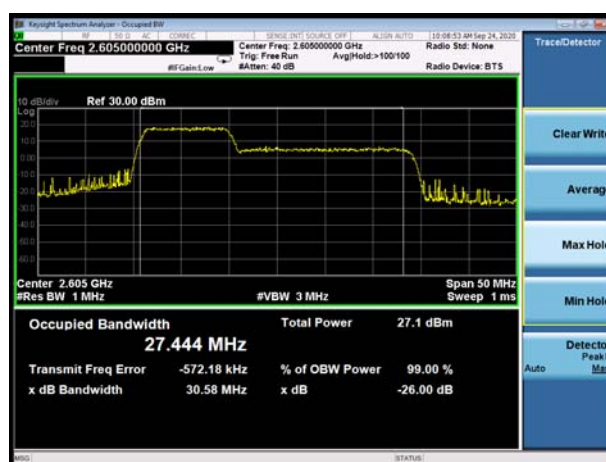


Original

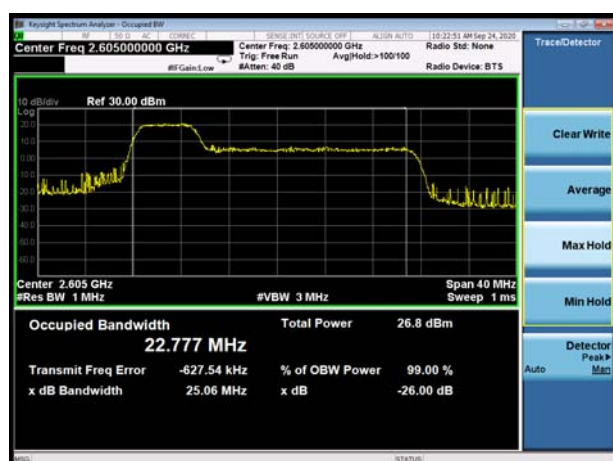
CA_41C QPSK 5MHz+20MHz



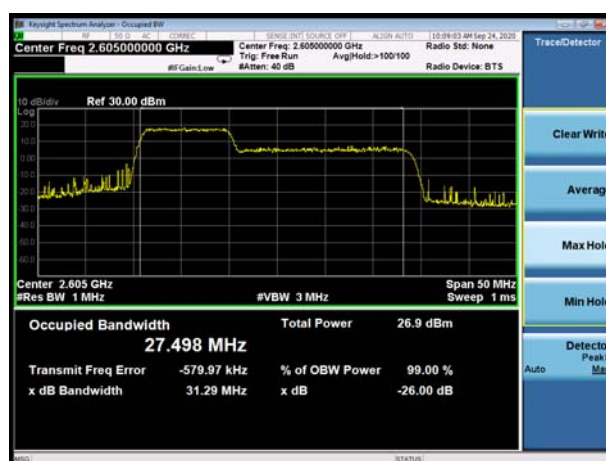
CA_41C QPSK 10MHz+20MHz



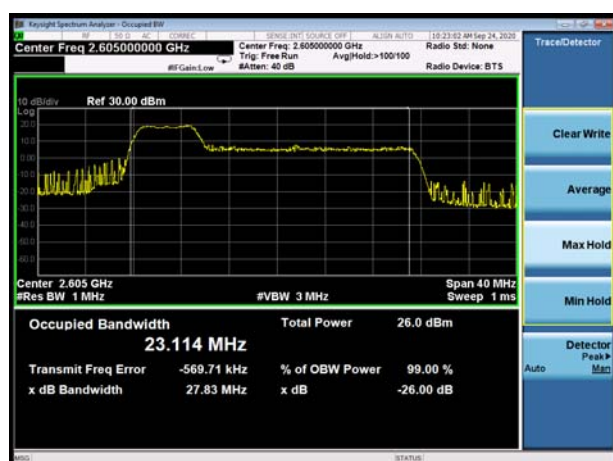
CA_41C 16QAM 5MHz+20MHz



CA_41C 16QAM 10MHz+20MHz



CA_41C 64QAM 5MHz+20MHz

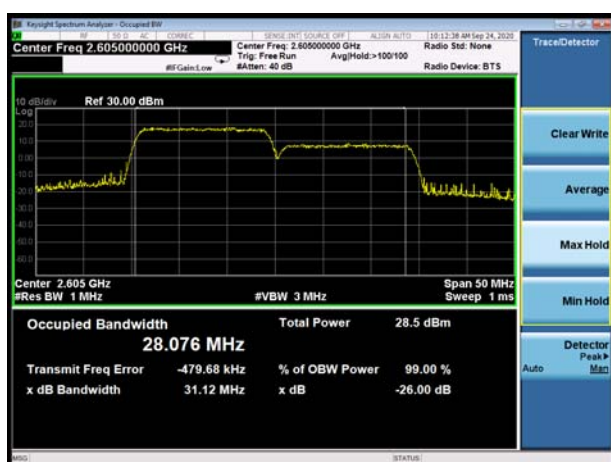


CA_41C 64QAM 10MHz+20MHz

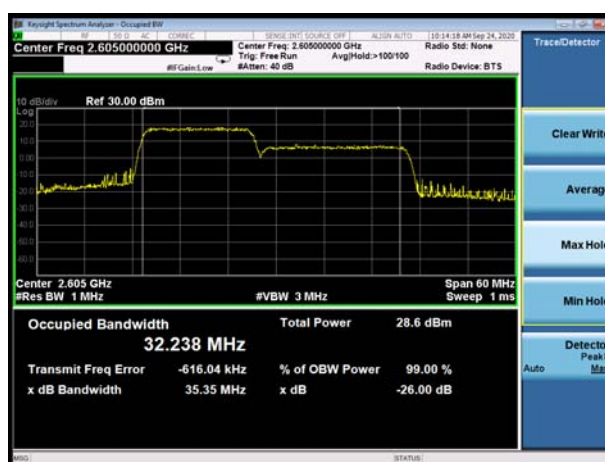




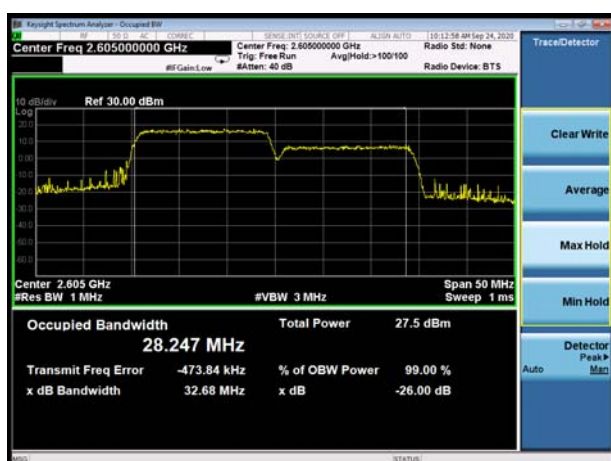
CA_41C QPSK 15MHz+15MHz



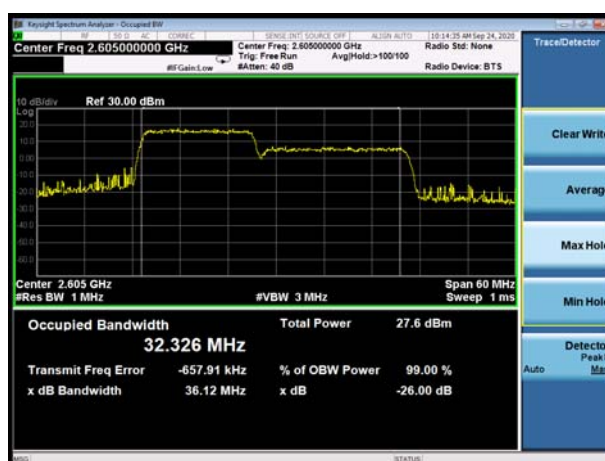
CA_41C QPSK 15MHz+20MHz



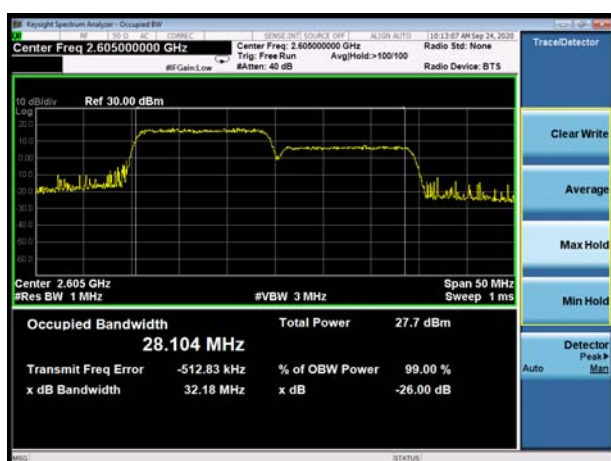
CA_41C 16QAM 15MHz+15MHz



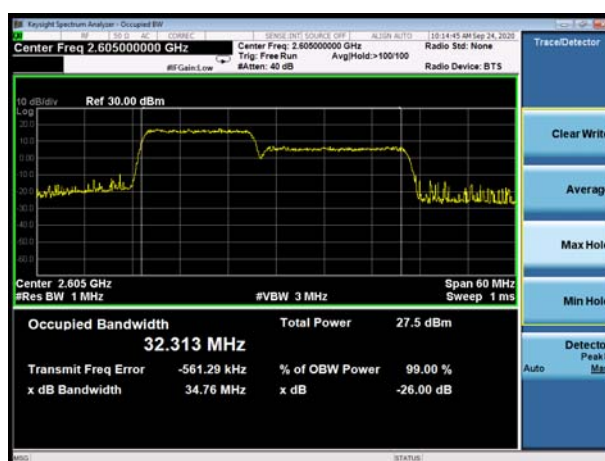
CA_41C 16QAM 15MHz+20MHz



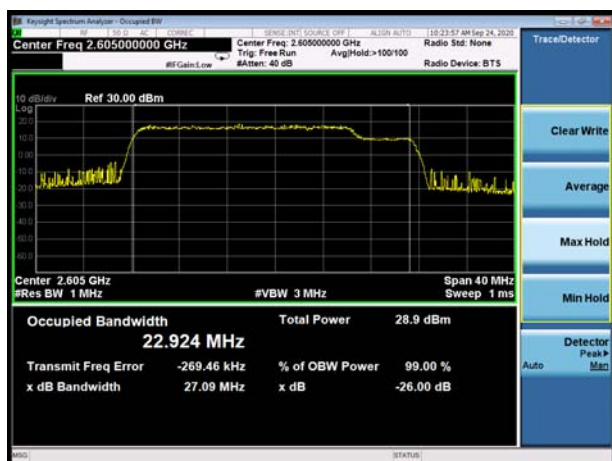
CA_41C 64QAM 15MHz+15MHz



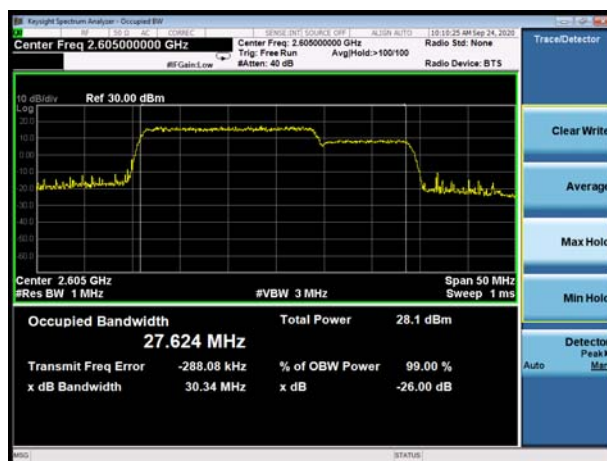
CA_41C 64QAM 15MHz+20MHz



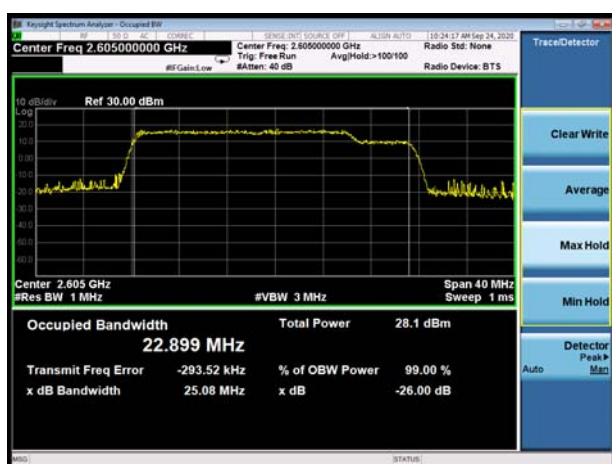
CA_41C QPSK 20MHz+5MHz



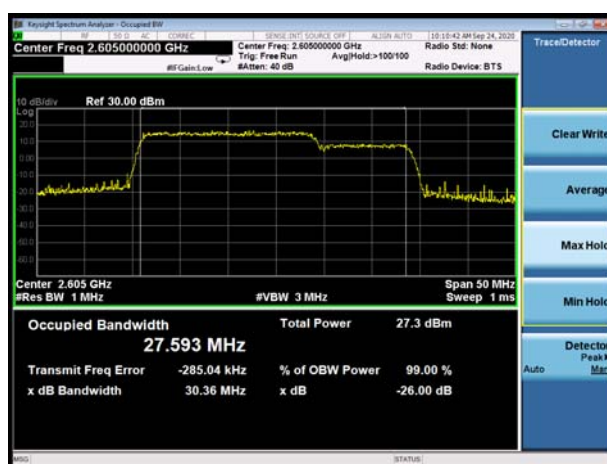
CA_41C QPSK 20MHz+10MHz



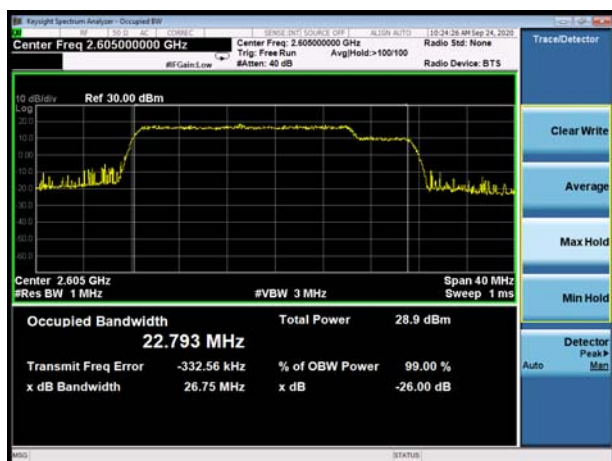
CA 41C 16QAM 20MHz+5MHz



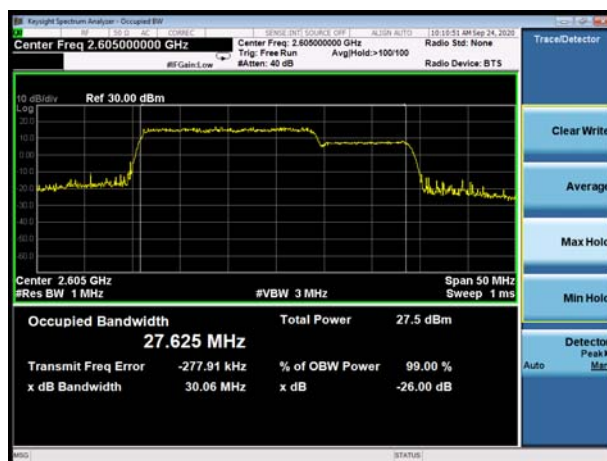
CA 41C 16QAM 20MHz+10MHz



CA_41C_64QAM_20MHz+5MHz



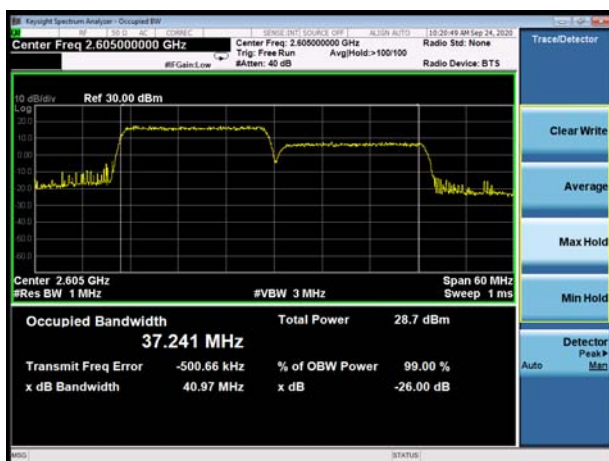
CA_41C 64QAM 20MHz+10MHz



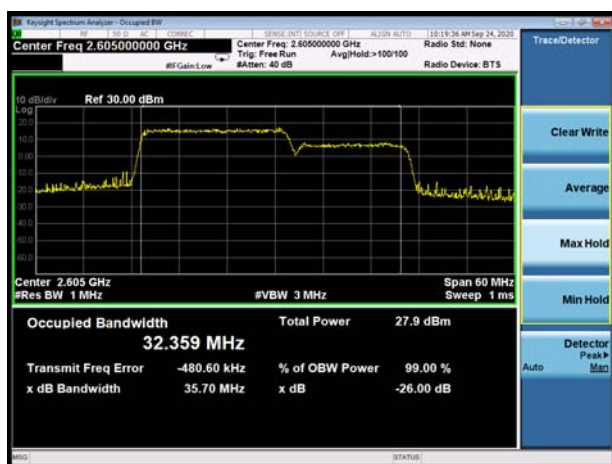
CA_41C QPSK 20MHz+15MHz



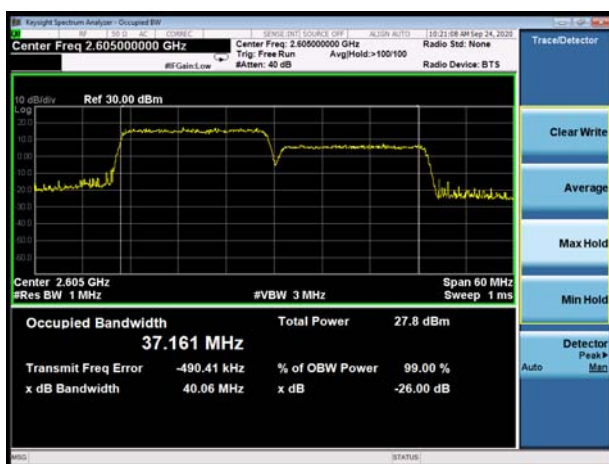
CA_41C QPSK 20MHz+20MHz



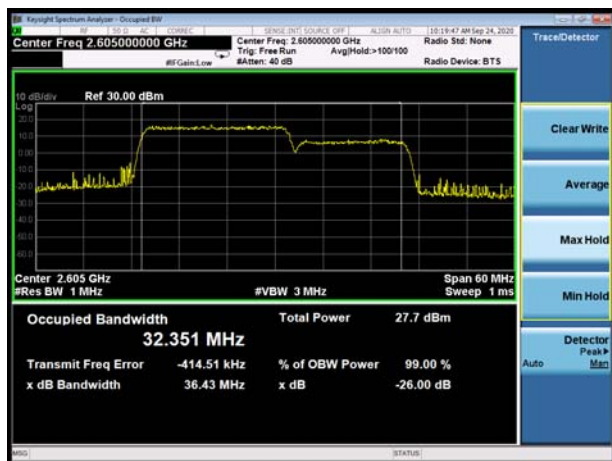
CA_41C 16QAM 20MHz+15MHz



CA_41C 16QAM 20MHz+20MHz



CA_41C 64QAM 20MHz+15MHz



CA_41C 64QAM 20MHz+20MHz



5.3 Band Edge Compliance

Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The band edge of the lowest and highest channels were measured.

The testing follows KDB 971168 D01 v03r01 Section 6.0

The EUT was connected to spectrum analyzer and system simulator via a power divider.

The band edges of low and high channels for the highest RF powers were measured.

For LTE Band 41 Set RBW $\geq$ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.

RBW is set to 51 kHz, VBW is set to 160 kHz for WCDMA Band IV.

RBW is set to 15 kHz, VBW is set to 43 kHz for LTE Band 4/66 (1.4MHz).

RBW is set to 30 kHz, VBW is set to 91 kHz for LTE Band 4/66 (3MHz).

RBW is set to 51 kHz, VBW is set to 150 kHz for LTE Band 4/17/66 (5MHz).

RBW is set to 100 kHz, VBW is set to 300kHz for LTE Band 4/17/66 (10MHz).

RBW is set to 150 kHz, VBW is set to 470 kHz for LTE Band 4/66 (15MHz).

RBW is set to 200 kHz, VBW is set to 620 kHz for LTE Band 4/66 (20MHz)

RBW is set to 50 kHz, VBW is set to 200 kHz for LTE Band 7/38 (5MHz).

RBW is set to 100 kHz, VBW is set to 300kHz for LTE Band 7/38 (10MHz).

RBW is set to 200 kHz, VBW is set to 1MHz for LTE Band 7/38 (15MHz/20MHz).

RBW is set to 30 kHz, VBW is set to 100 kHz for LTE Band 12 (1.4MHz/3MHz/5MHz/10MHz).

RBW is set to 430 kHz, VBW is set to 1.3MHz for CA-7C/CA-38C/CA-41C.

on spectrum analyzer.

Set spectrum analyzer with RMS detector.

The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

Checked that all the results comply with the emission limit line.

Test Setup

