



LTE B41_10 M_Conducted Spurious(Above10 G)_High_QPSK_1RB

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LTE B41_15 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB

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LTE B41_15 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB

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LTE B41_15 M_Conducted Spurious(Above10 G)_High_QPSK_1RB

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LTE B41_20 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB

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LTE B41_20 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB

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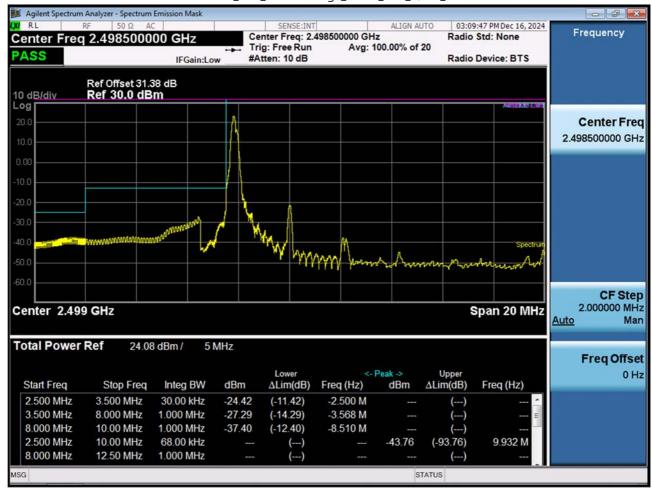




LTE B41_20 M_Conducted Spurious(Above10 G)_High_QPSK_1RB

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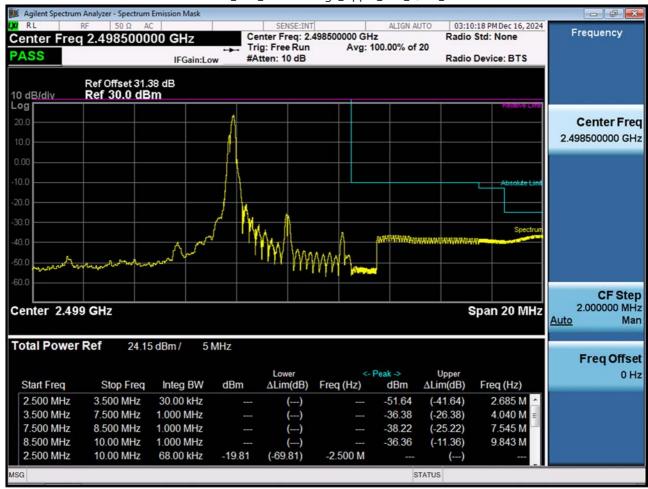




LTE B41_5 M_Channel Edge_Lower_Low_QPSK_1RB

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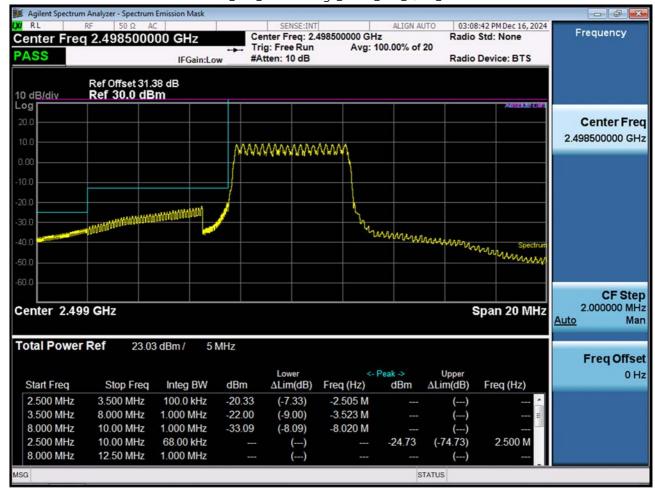




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LTE B41_5 M_Channel Edge_Lower_Low_QPSK_FullRB

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LTE B41_5 M_Channel Edge_Upper_Low_QPSK_FullRB

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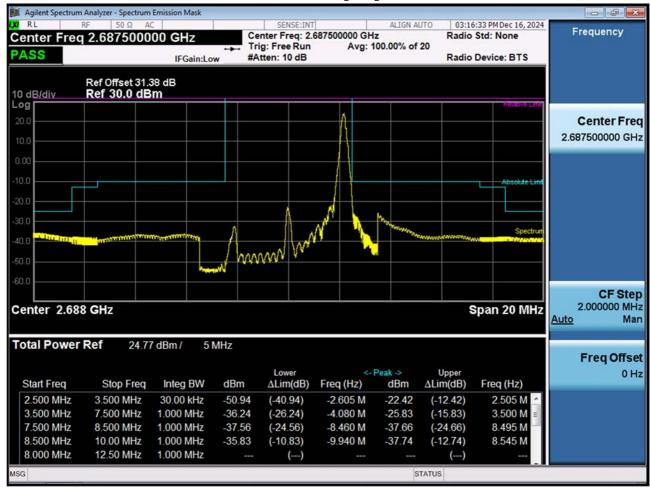




LTE B41_5 M_Channel Edge_Mid_QPSK_FullRB

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LTE B41_5 M_Channel Edge_High_QPSK_1RB

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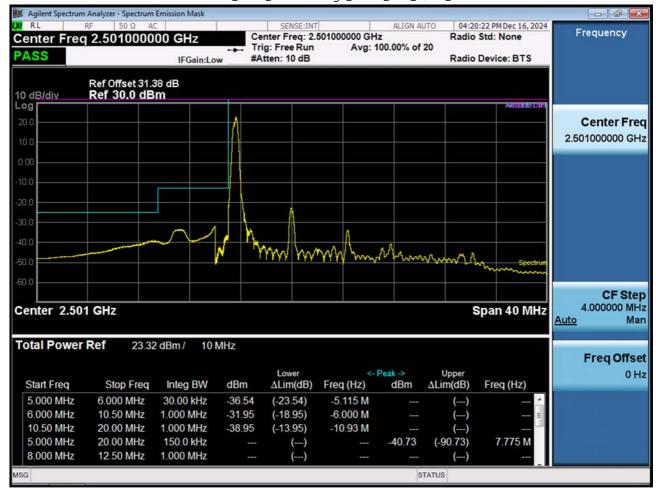




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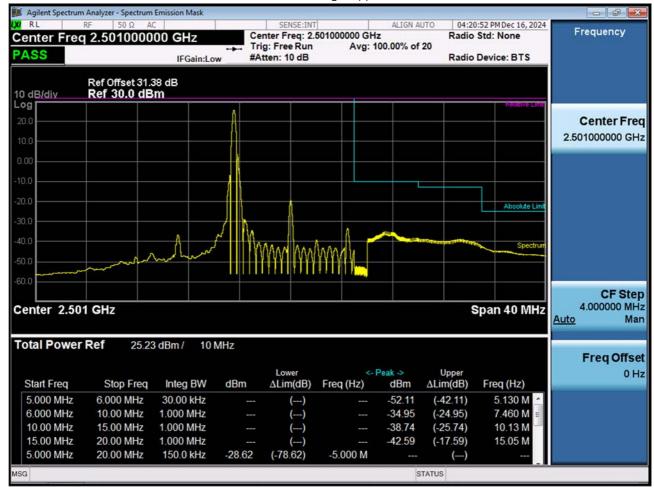




LTE B41_10 M_Channel Edge_Lower_Low_QPSK_1RB

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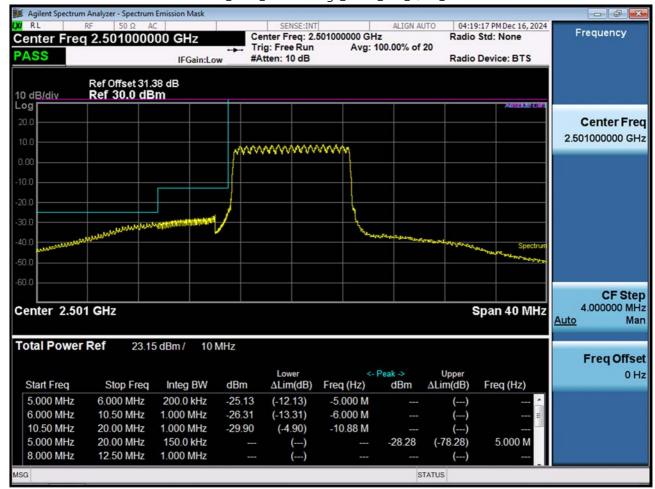




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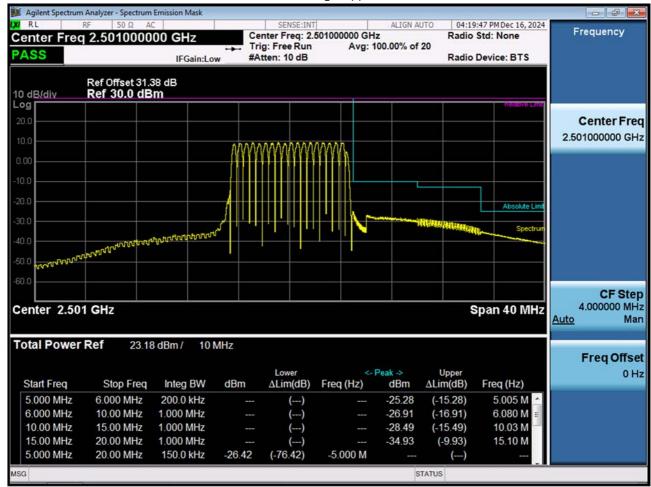




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LTE B41_10 M_Channel Edge_Upper_Low_QPSK_FullRB

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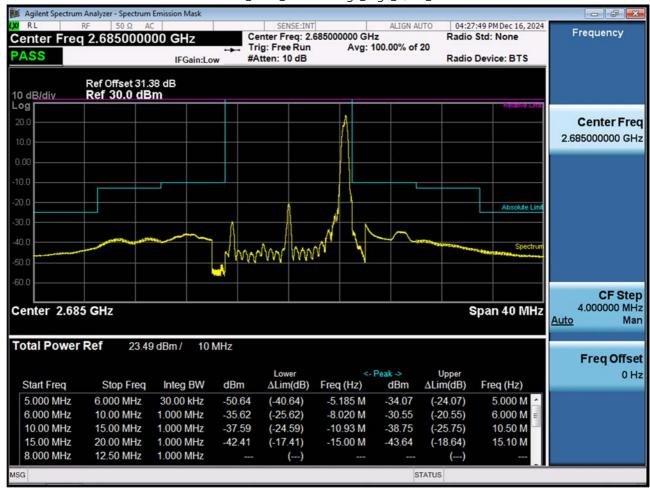




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LTE B41_10 M_Channel Edge_High_QPSK_1RB

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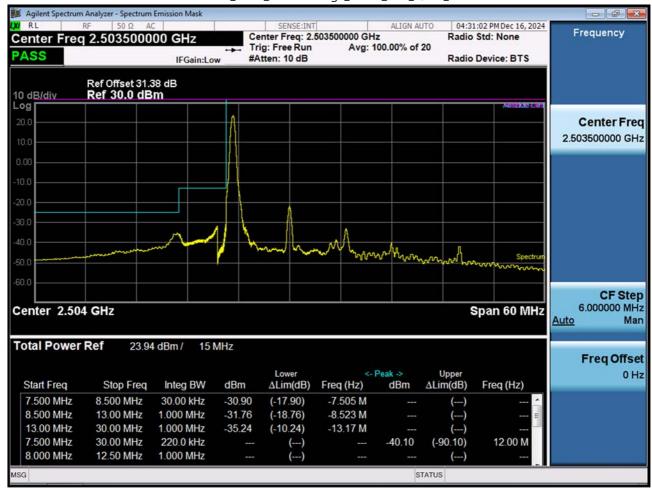




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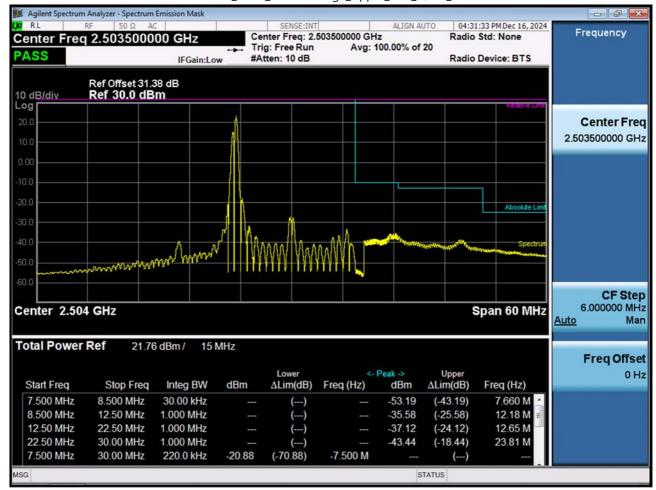




LTE B41_15 M_Channel Edge_Lower_Low_QPSK_1RB

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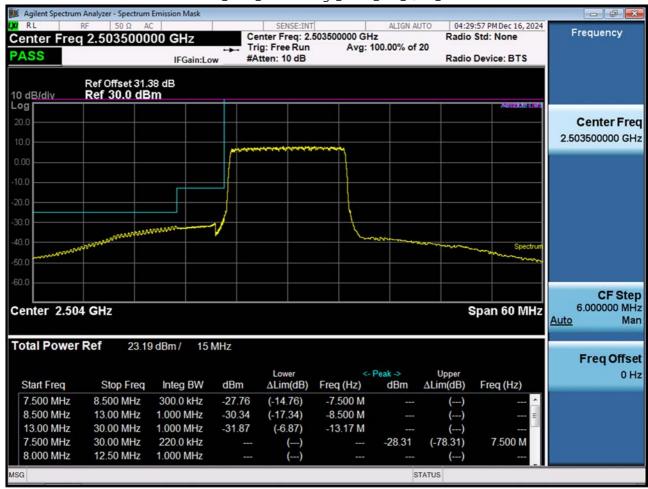




LTE B41_15 M_Channel Edge_Upper_Low_QPSK_1RB

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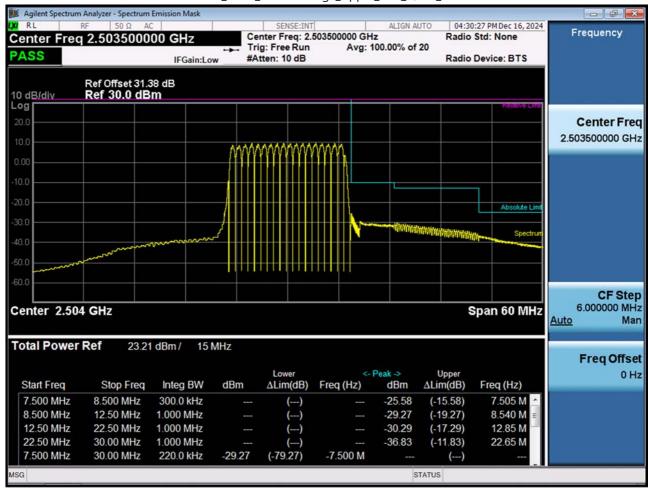




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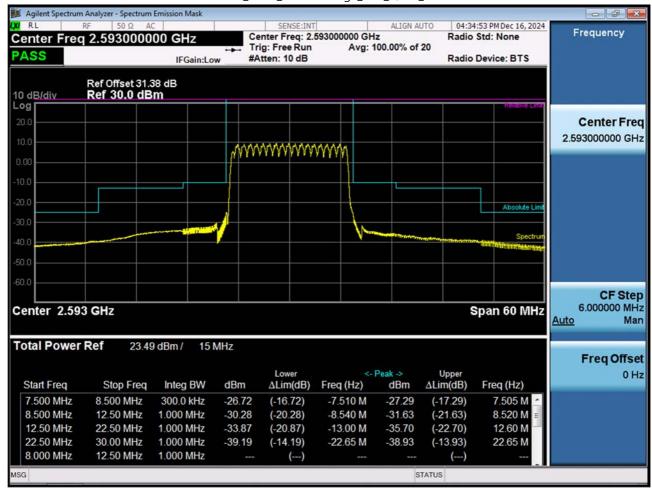




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LTE B41_15 M_Channel Edge_Mid_QPSK_FullRB

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LTE B41_15 M_Channel Edge_High_QPSK_1RB

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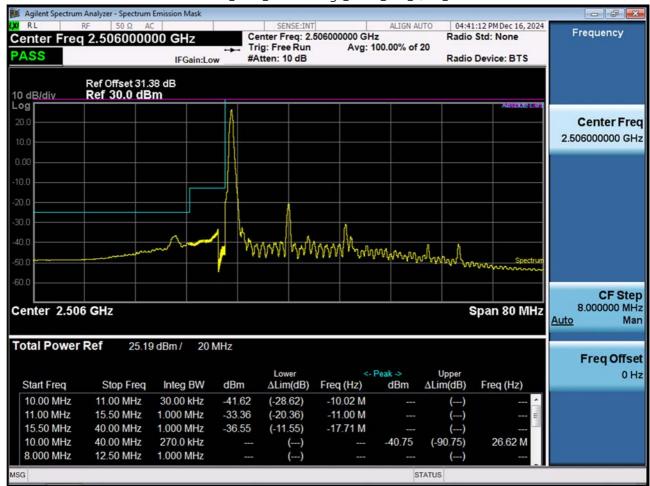




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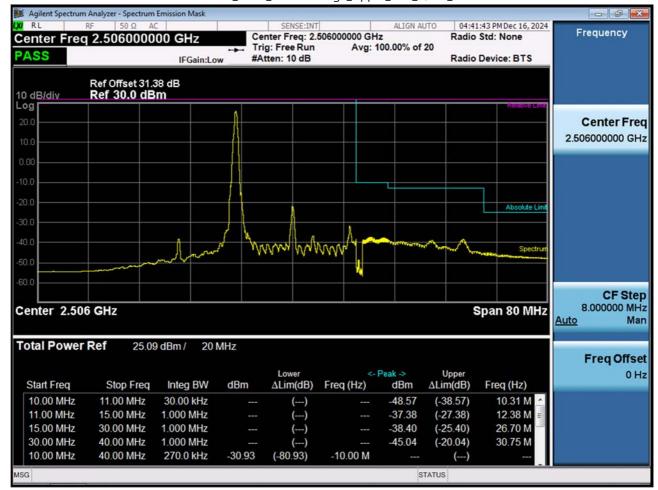




LTE B41_20 M_Channel Edge_Lower_Low_QPSK_1RB

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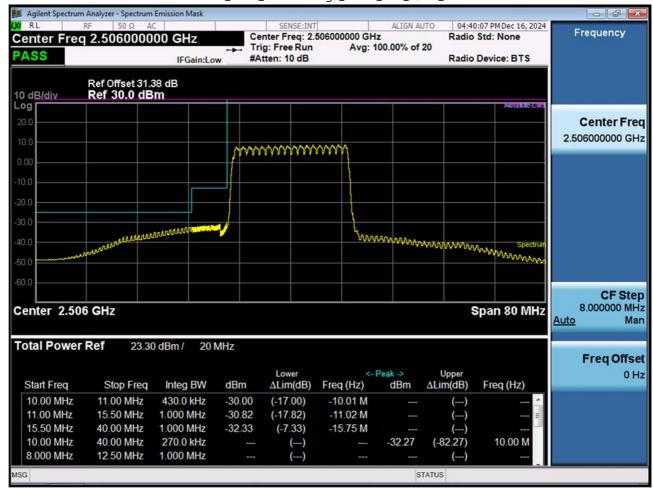




LTE B41_20 M_Channel Edge_Upper_Low_QPSK_1RB

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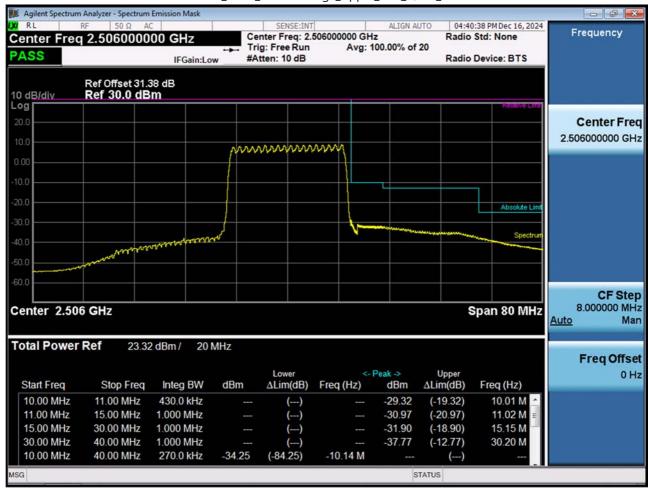




LTE B41_20 M_Channel Edge_Lower_Low_QPSK_FullRB

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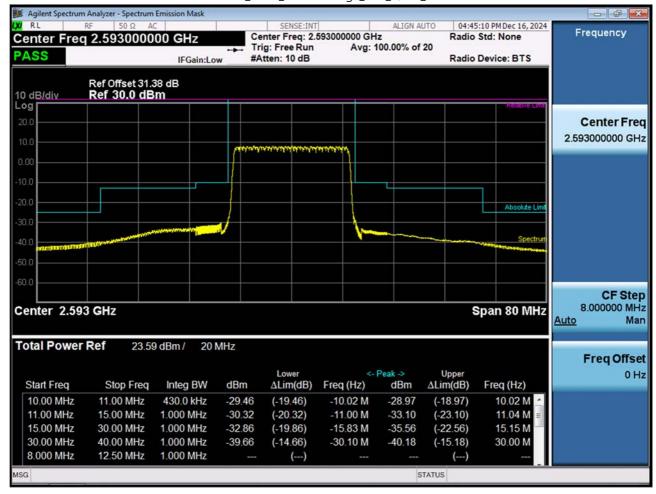




LTE B41_20 M_Channel Edge_Upper_Low_QPSK_FullRB

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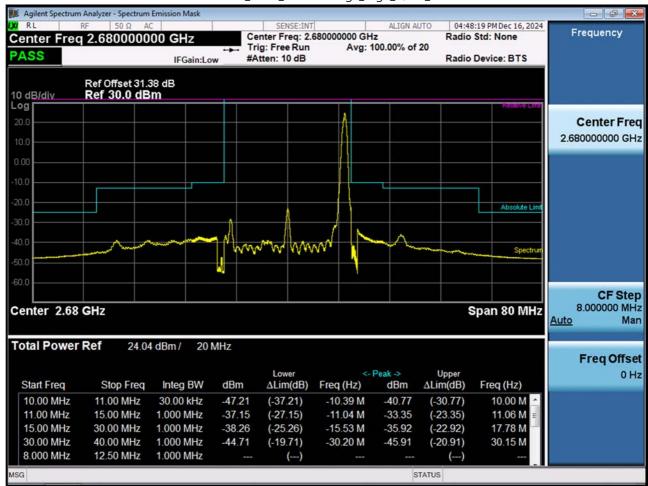




LTE B41_20 M_Channel Edge_Mid_QPSK_FullRB

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LTE B41_20 M_Channel Edge_High_QPSK_1RB

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LTE B41_20 M_Channel Edge_High_QPSK_FullRB

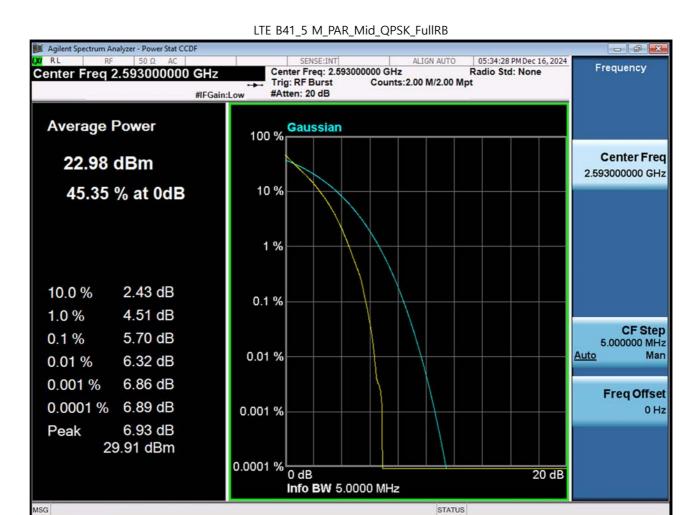
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11. TEST PLOTS(Sub 2 ANT)

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LTE B41_5 M_PAR_Mid_16QAM_FullRB Agilent Spectrum Analyzer - Power Stat CCDF 05:33:24 PM Dec 16, 2024 Frequency Center Freq: 2.593000000 GHz Radio Std: None Center Freq 2.593000000 GHz Trig: RF Burst Counts: 2.00 M/2.00 Mpt #IFGain:Low #Atten: 20 dB 100 % Gaussian Average Power Center Freq 21.81 dBm 2.593000000 GHz 10 % 45.39 % at 0dB 1 % 10.0 % 3.06 dB 0.1 % 1.0 % 5.21 dB **CF Step** 0.1% 6.53 dB 20.000000 MHz 0.01 % Auto Man 0.01 % 7.39 dB 0.001 % 7.66 dB **Freq Offset** 0.0001 % 7.83 dB 0 Hz 0.001 % 10.58 dB Peak 32.39 dBm 0.0001 % O dB 20 dB

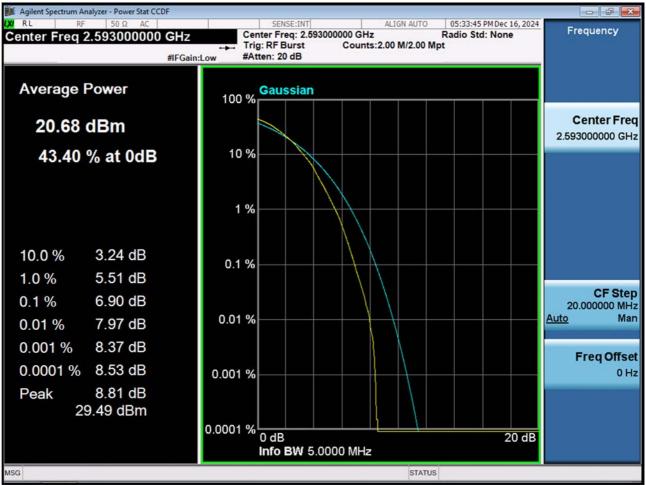
Info BW 5.0000 MHz

STATUS

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LTE B41_5 M_PAR_Mid_64QAM_FullRB



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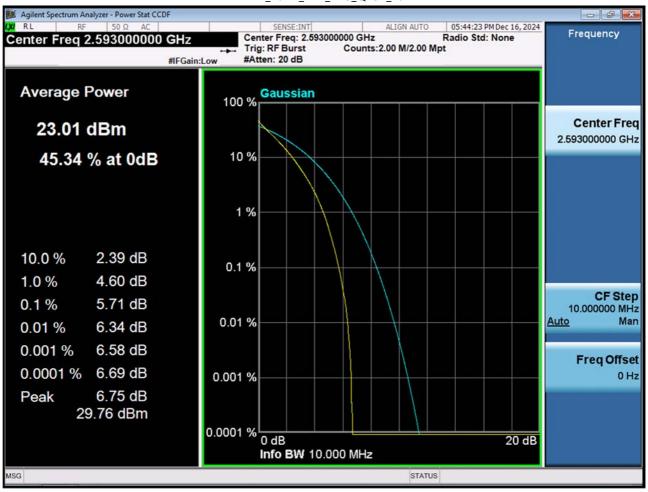
STATUS

LTE B41_5 M_PAR_Mid_256QAM_FullRB

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LTE B41_10 M_PAR_Mid_QPSK_FullRB



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Agilent Spectrum Analyzer - Power Stat CCDF 05:43:23 PM Dec 16, 2024 Frequency Center Freq: 2.593000000 GHz Radio Std: None Center Freq 2.593000000 GHz Trig: RF Burst Counts: 2.00 M/2.00 Mpt #IFGain:Low #Atten: 20 dB 100 % Gaussian Average Power Center Freq 21.98 dBm 2.593000000 GHz 10 % 43.93 % at 0dB 1 % 10.0 % 2.91 dB 0.1 % 1.0 % 5.06 dB **CF Step** 0.1% 6.33 dB 5.000000 MHz 0.01 % Auto Man 0.01 % 7.17 dB 0.001 % 7.67 dB **Freq Offset** 0.0001 % 7.91 dB 0 Hz 0.001 % 7.91 dB Peak 29.89 dBm 0.0001 % O dB 20 dB

Info BW 10.000 MHz

STATUS

LTE B41_10 M_PAR_Mid_16QAM_FullRB

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20 dB

STATUS



MSG

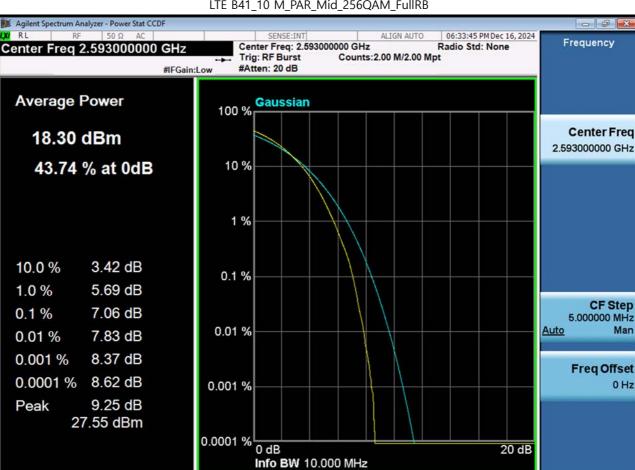
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Info BW 10.000 MHz

LTE B41_10 M_PAR_Mid_64QAM_FullRB

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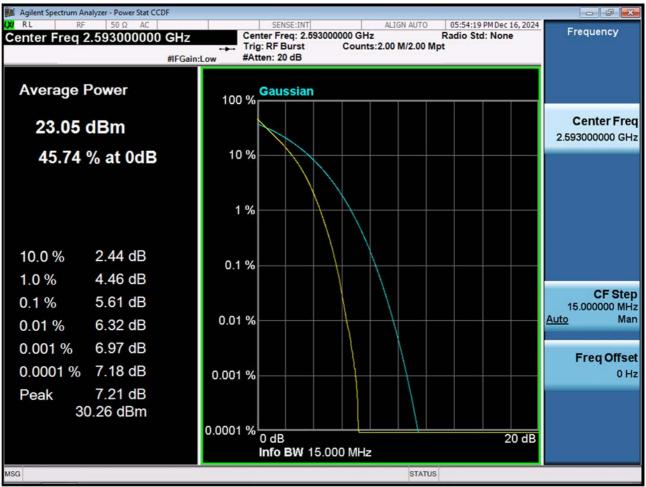
STATUS

LTE B41_10 M_PAR_Mid_256QAM_FullRB

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LTE B41_15 M_PAR_Mid_QPSK_FullRB



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Agilent Spectrum Analyzer - Power Stat CCDF 05:53:20 PM Dec 16, 2024 Frequency Center Freq: 2.593000000 GHz Radio Std: None Center Freq 2.593000000 GHz Trig: RF Burst Counts: 2.00 M/2.00 Mpt #IFGain:Low #Atten: 20 dB 100 % Gaussian Average Power Center Freq 22.08 dBm 2.593000000 GHz 10 % 43.96 % at 0dB 1 % 10.0 % 2.92 dB 0.1 % 1.0 % 5.01 dB **CF Step** 0.1% 6.23 dB 10.000000 MHz 0.01 % Auto Man 0.01 % 7.12 dB 0.001 % 7.47 dB **Freq Offset** 0.0001 % 7.74 dB 0 Hz 0.001 % 7.74 dB Peak 29.82 dBm 0.0001 % O dB 20 dB

Info BW 15.000 MHz

STATUS

LTE B41_15 M_PAR_Mid_16QAM_FullRB

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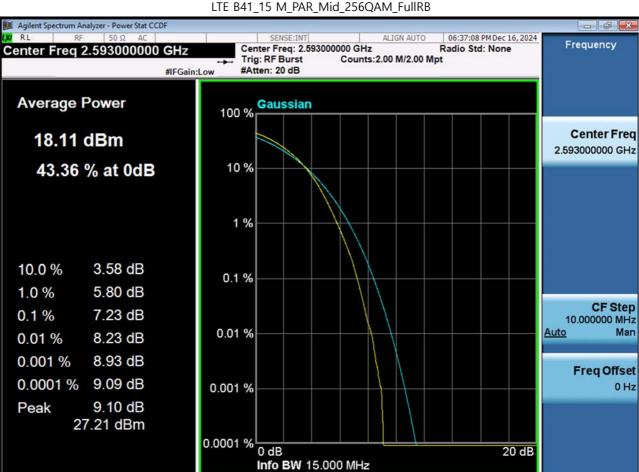
Agilent Spectrum Analyzer - Power Stat CCDF 05:53:37 PM Dec 16, 2024 Frequency Center Freq: 2.593000000 GHz Radio Std: None Center Freq 2.593000000 GHz Trig: RF Burst Counts: 2.00 M/2.00 Mpt #IFGain:Low #Atten: 20 dB 100 % Gaussian Average Power Center Freq 20.88 dBm 2.593000000 GHz 10 % 43.22 % at 0dB 1 % 10.0 % 3.18 dB 0.1 % 1.0 % 5.34 dB **CF Step** 0.1% 6.67 dB 10.000000 MHz 0.01 % Auto Man 0.01 % 7.49 dB 0.001 % 8.11 dB **Freq Offset** 0.0001 % 8.50 dB 0 Hz 0.001 % 8.50 dB Peak 29.38 dBm 0.0001 % O dB 20 dB Info BW 15.000 MHz

STATUS

LTE B41_15 M_PAR_Mid_64QAM_FullRB

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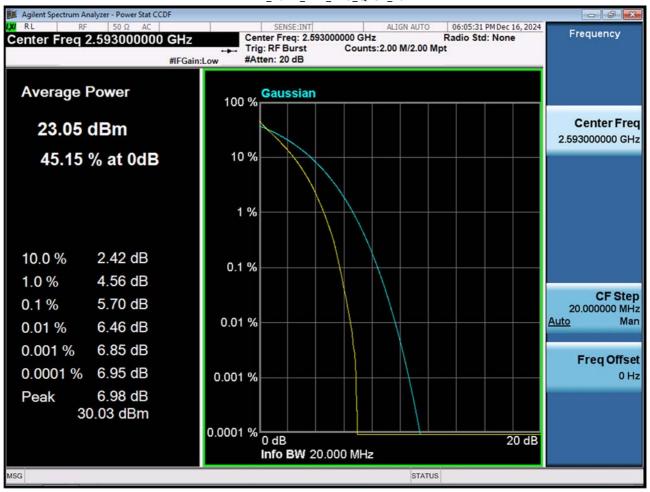


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LTE B41_20 M_PAR_Mid_QPSK_FullRB



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Freq Offset

20 dB

STATUS

0 Hz



0.001 %

Peak

MSG

0.0001 % 8.00 dB

7.69 dB

8.01 dB

30.05 dBm

0.001 %

0.0001 % O dB

Agilent Spectrum Analyzer - Power Stat CCDF 06:04:31 PM Dec 16, 2024 Frequency Center Freq: 2.593000000 GHz Radio Std: None Center Freq 2.593000000 GHz Trig: RF Burst Counts: 2.00 M/2.00 Mpt #IFGain:Low #Atten: 20 dB 100 % Gaussian Average Power Center Freq 22.04 dBm 2.593000000 GHz 10 % 43.82 % at 0dB 1 % 10.0 % 2.92 dB 0.1 % 1.0 % 5.06 dB **CF Step** 0.1% 6.34 dB 15.000000 MHz 0.01 % Auto Man 0.01 % 7.20 dB

Info BW 20.000 MHz

LTE B41_20 M_PAR_Mid_16QAM_FullRB

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Freq Offset

20 dB

STATUS

0 Hz



0.001 %

Peak

MSG

0.0001 % 8.06 dB

7.79 dB

8.07 dB

29.10 dBm

0.001 %

0.0001 % O dB

Agilent Spectrum Analyzer - Power Stat CCDF 06:04:50 PM Dec 16, 2024 Frequency Center Freq: 2.593000000 GHz Radio Std: None Center Freq 2.593000000 GHz Trig: RF Burst Counts: 2.00 M/2.00 Mpt #IFGain:Low #Atten: 20 dB 100 % Gaussian Average Power Center Freq 21.03 dBm 2.593000000 GHz 10 % 43.18 % at 0dB 1 % 10.0 % 3.05 dB 0.1 % 1.0 % 5.22 dB **CF Step** 0.1% 6.59 dB 15.000000 MHz 0.01 % Auto 0.01 % 7.36 dB

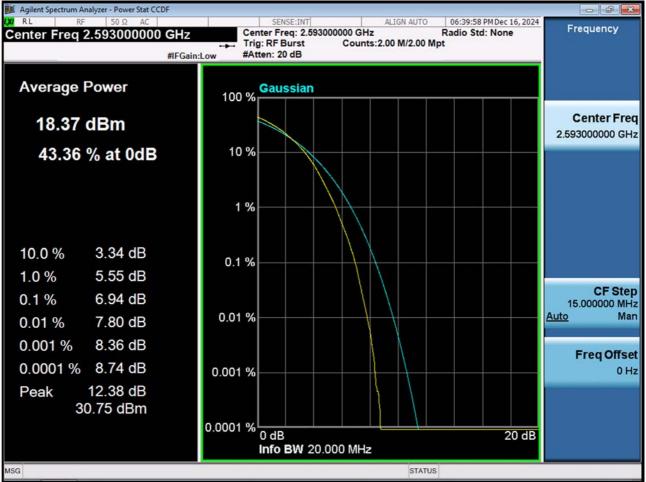
Info BW 20.000 MHz

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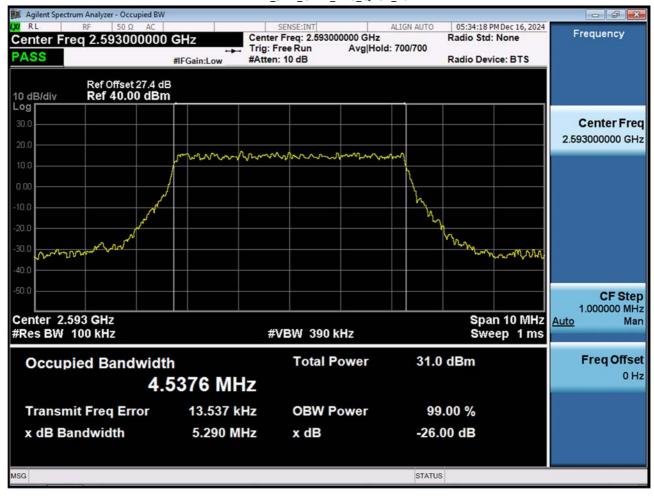
LTE B41_20 M_PAR_Mid_256QAM_FullRB



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LTE B41 5 M OBW Mid QPSK FullRB



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Transmit Freq Error

x dB Bandwidth

MSG

15.141 kHz

5.125 MHz

05:33:12 PM Dec 16, 2024 SENSE:INT Frequency Center Freq 2.593000000 GHz Center Freq: 2.593000000 GHz Radio Std: None Trig: Free Run Avg|Hold: 700/700 PASS #IFGain:Low #Atten: 10 dB Radio Device: BTS Ref Offset 27.4 dB Ref 40.00 dBm 10 dB/div Log Center Freq 2.593000000 GHz John Marchery **CF Step** 1.000000 MHz Center 2.593 GHz Span 10 MHz Auto Man #Res BW 100 kHz **#VBW 390 kHz** Sweep 1 ms Freq Offset **Total Power** 30.0 dBm **Occupied Bandwidth** 0 Hz 4.5218 MHz

OBW Power

x dB

99.00 % -26.00 dB

STATUS

LTE B41_5 M_OBW_Mid_16QAM_FullRB

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