



LTE B66_20 M_Band Edge_High_QPSK_1RB

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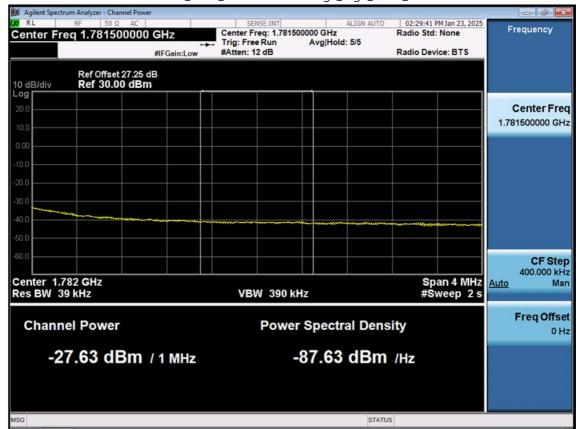




LTE B66_20 M_Band Edge_High_QPSK_FullRB

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LTE B66_20 M_Extended Band Edge_High_QPSK_FullRB

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11. TEST PLOTS(Sub 1 ANT)

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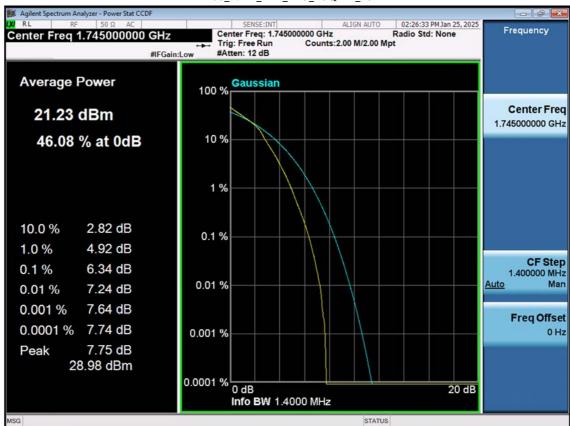
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STATUS

LTE B66_1.4M_PAR_Mid_QPSK_FullRB

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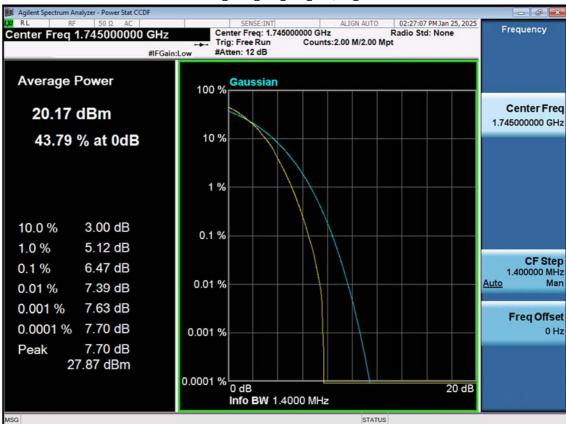




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LTE B66_1.4M_PAR_Mid_64QAM_FullRB

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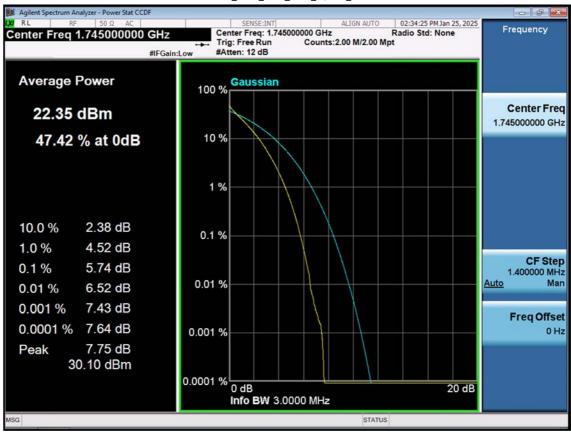


LTE B66_1.4M_PAR_Mid_256QAM_FullRB

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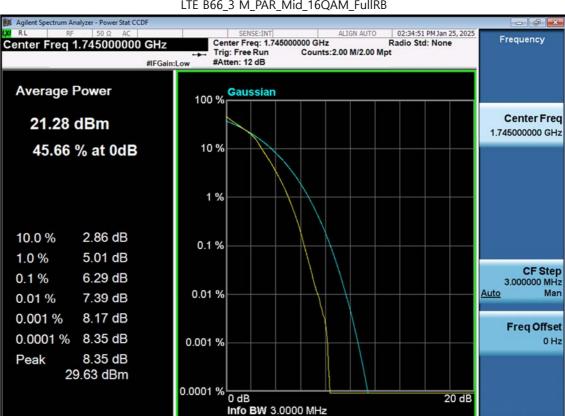


LTE B66_3 M_PAR_Mid_QPSK_FullRB



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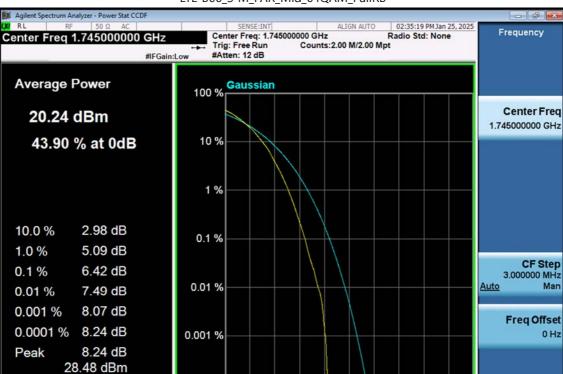
LTE B66_3 M_PAR_Mid_16QAM_FullRB

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20 dB

STATUS





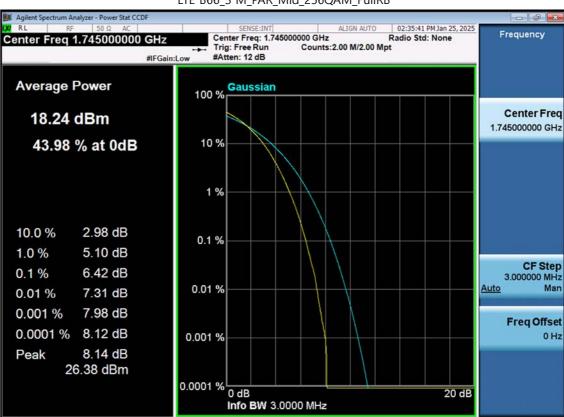
0 dB Info BW 3.0000 MHz

0.0001 %

LTE B66_3 M_PAR_Mid_64QAM_FullRB

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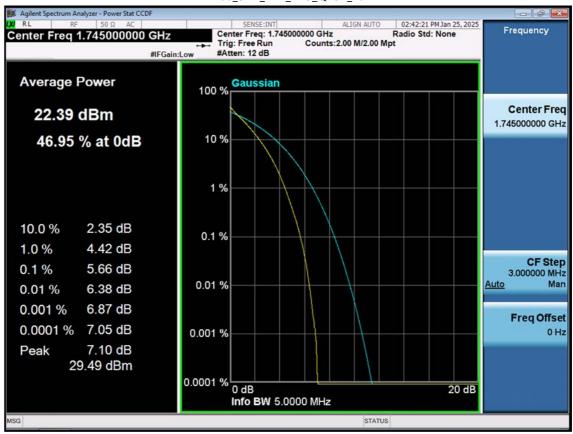


LTE B66_3 M_PAR_Mid_256QAM_FullRB

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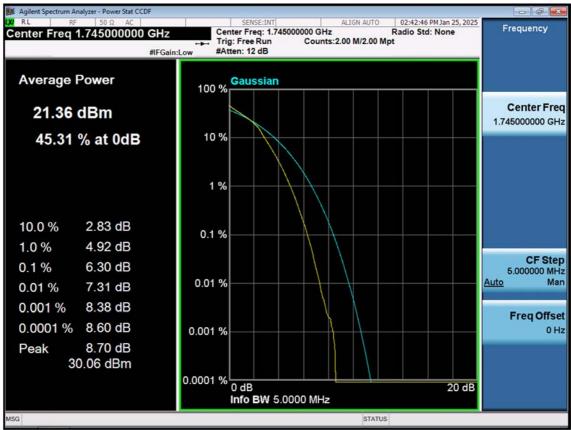
LTE B66_5 M_PAR_Mid_QPSK_FullRB



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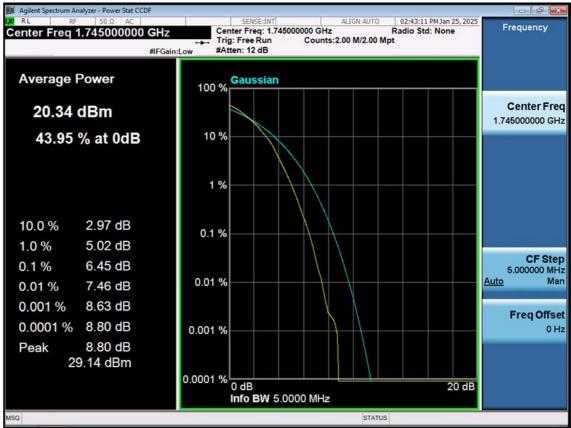
LTE B66_5 M_PAR_Mid_16QAM_FullRB



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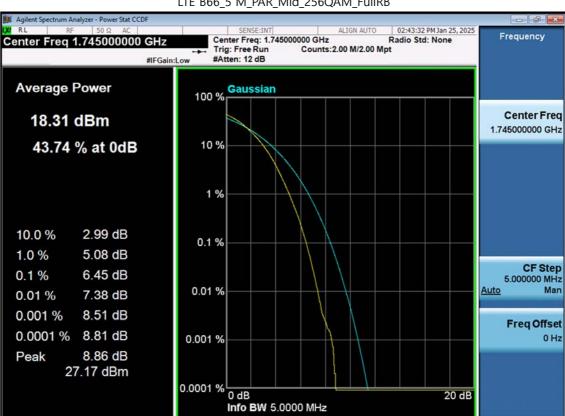


LTE B66_5 M_PAR_Mid_64QAM_FullRB



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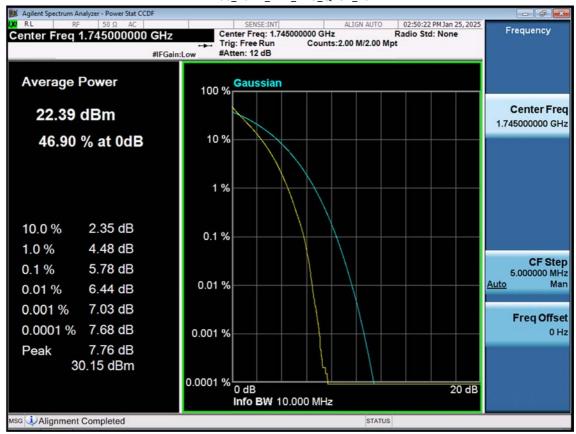


LTE B66_5 M_PAR_Mid_256QAM_FullRB

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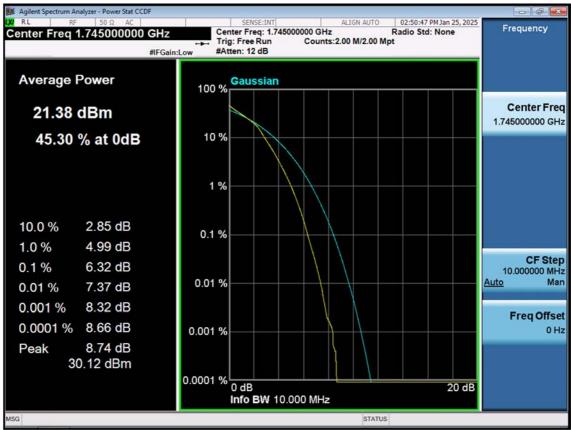
LTE B66_10 M_PAR_Mid_QPSK_FullRB



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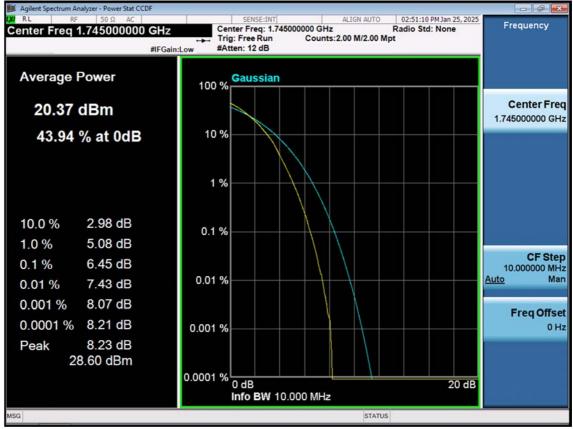
LTE B66_10 M_PAR_Mid_16QAM_FullRB



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LTE B66_10 M_PAR_Mid_64QAM_FullRB



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20 dB

STATUS



Peak

8.17 dB 26.51 dBm

02:51:29 PM Jan 25, 2025 Radio Std: None Frequency Center Freq 1.745000000 GHz Counts: 2.00 M/2.00 Mpt #IFGain:Low Average Power Gaussian 100 % Center Freq 18.34 dBm 1.745000000 GHz 10 % 43.84 % at 0dB 1 % 10.0 % 3.01 dB 0.1 % 5.13 dB 1.0 % CF Step 10.000000 MHz 0.1 % 6.42 dB 0.01 % 0.01 % 7.26 dB 0.001 % 7.81 dB Freq Offset 0.0001 % 8.12 dB

0 dB Info BW 10.000 MHz

0.001 %

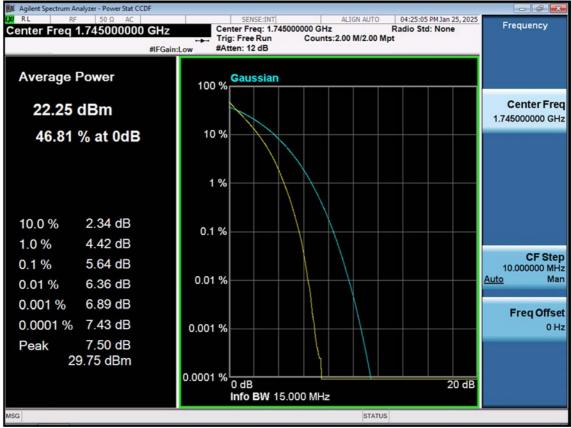
0.0001 %

LTE B66_10 M_PAR_Mid_256QAM_FullRB

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LTE B66_15 M_PAR_Mid_QPSK_FullRB



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20 dB

STATUS



m Analyzer - Power Stat CCDF 04:25:28 PM Jan 25, 2025 Radio Std: None Center Freq: 1.745000000 GHz Trig: Free Run Counts: #Atten: 12 dB Frequency Center Freq 1.745000000 GHz Counts: 2.00 M/2.00 Mpt #IFGain:Low Average Power Gaussian 100 % Center Freq 21.22 dBm 1.745000000 GHz 10 % 45.37 % at 0dB 1 % 10.0 % 2.85 dB 0.1 % 4.94 dB 1.0 % CF Step 15.000000 MHz 0.1 % 6.26 dB 0.01 % 0.01 % 7.33 dB 7.99 dB 0.001 % Freq Offset 0.0001 % 8.24 dB 0.001 % Peak 8.50 dB 29.72 dBm

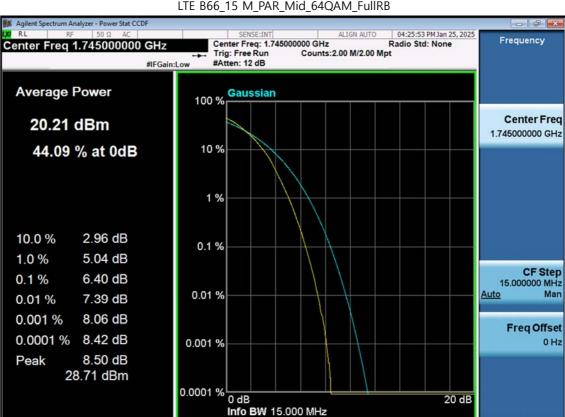
0 dB Info BW 15.000 MHz

0.0001 %

LTE B66_15 M_PAR_Mid_16QAM_FullRB

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LTE B66_15 M_PAR_Mid_64QAM_FullRB

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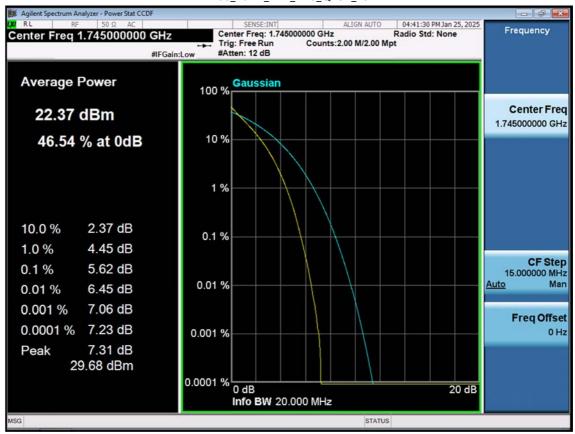


LTE B66_15 M_PAR_Mid_256QAM_FullRB

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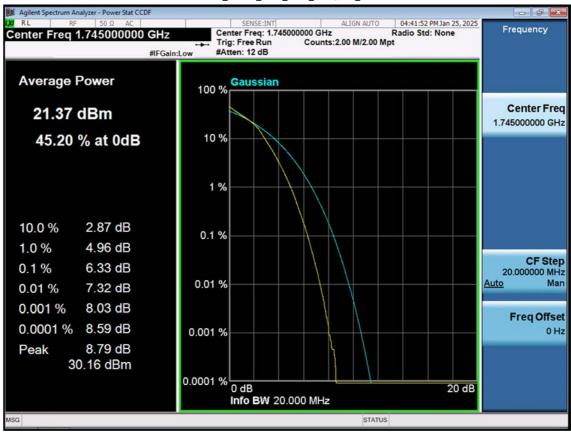
LTE B66_20 M_PAR_Mid_QPSK_FullRB



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LTE B66_20 M_PAR_Mid_16QAM_FullRB



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20 dB

STATUS



28.63 dBm

0.0001 %

m Analyzer - Power Stat CCDF 04:42:15 PM Jan 25, 2025 Radio Std: None Center Freq: 1.745000000 GHz Trig: Free Run Counts: #Atten: 12 dB Frequency Center Freq 1.745000000 GHz Counts: 2.00 M/2.00 Mpt #IFGain:Low Average Power Gaussian 100 % Center Freq 20.22 dBm 1.745000000 GHz 10 % 44.07 % at 0dB 1 % 10.0 % 2.98 dB 0.1 % 5.06 dB 1.0 % CF Step 20.000000 MHz 0.1 % 6.43 dB 0.01 % 0.01 % 7.38 dB 8.03 dB 0.001 % Freq Offset 0.0001 % 8.37 dB 0.001 % Peak 8.41 dB

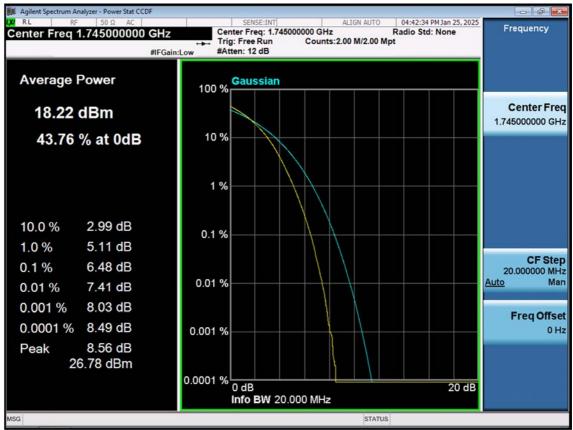
0 dB Info BW 20.000 MHz

LTE B66_20 M_PAR_Mid_64QAM_FullRB

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LTE B66_20 M_PAR_Mid_256QAM_FullRB



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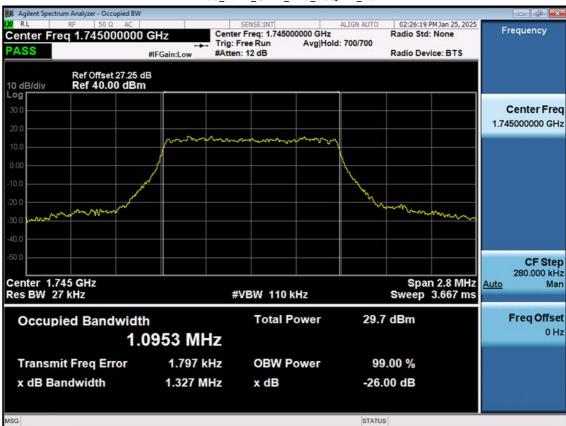




LTE B66_1.4M_OBW_Mid_QPSK_FullRB

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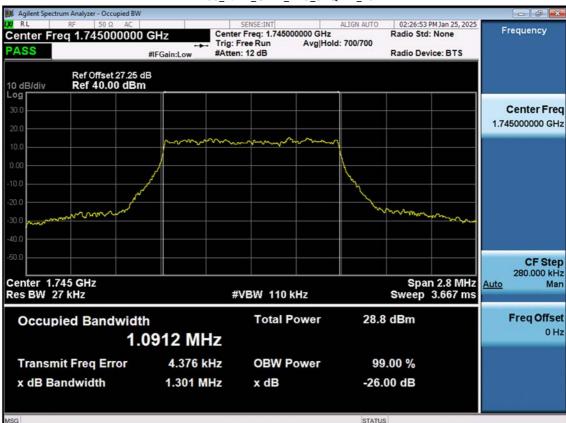




LTE B66_1.4M_OBW_Mid_16QAM_FullRB

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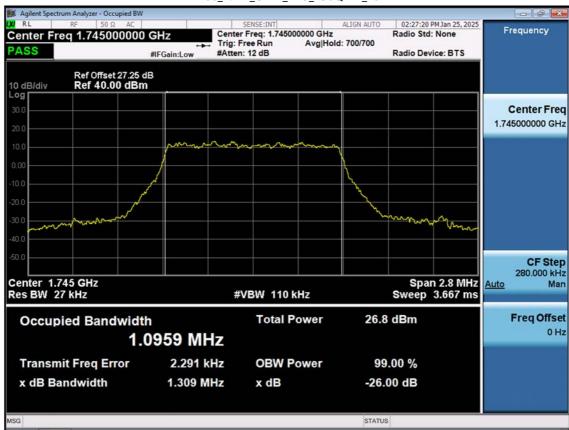




LTE B66_1.4M_OBW_Mid_64QAM_FullRB

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LTE B66_1.4M_OBW_Mid_256QAM_FullRB

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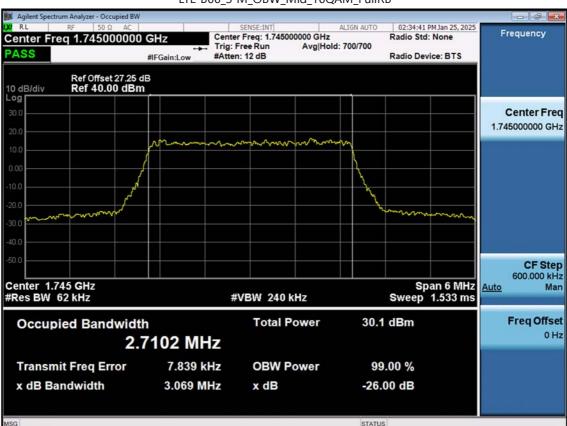
ALIGN AUTO 02:34:15 PM Jan 25, 2025 Frequency Center Freq: 1.745000000 GHz Trig: Free Run Avg|Hol #Atten: 12 dB Radio Std: None Center Freq 1.745000000 GHz Avg|Hold: 700/700 **PASS** Radio Device: BTS #IFGain:Low Ref Offset 27.25 dB Ref 40.00 dBm 10 dB/div Log Center Freq 1.745000000 GHz CF Step 600.000 kHz Center 1.745 GHz #Res BW 62 kHz Span 6 MHz Sweep 1.533 ms Auto Man #VBW 240 kHz **Total Power** 31.0 dBm Freq Offset **Occupied Bandwidth** 0 Hz 2.7187 MHz 9.503 kHz **Transmit Freq Error OBW Power** 99.00 % x dB Bandwidth 3.140 MHz -26.00 dB x dB

STATUS

LTE B66_3 M_OBW_Mid_QPSK_FullRB

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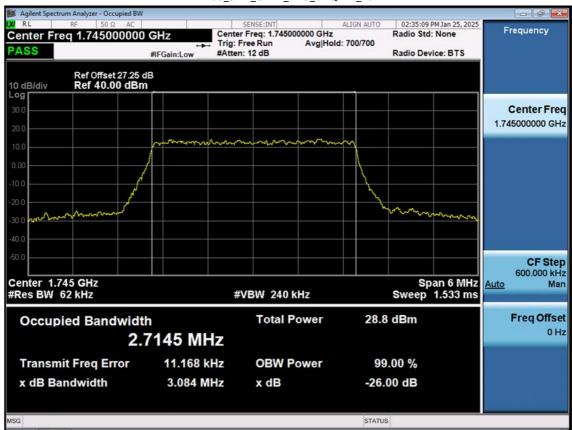




LTE B66_3 M_OBW_Mid_16QAM_FullRB

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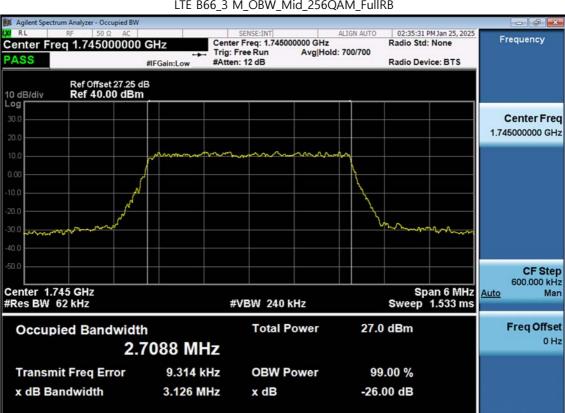




LTE B66_3 M_OBW_Mid_64QAM_FullRB

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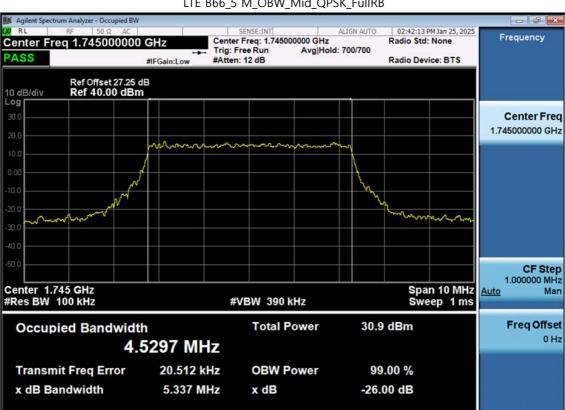




LTE B66_3 M_OBW_Mid_256QAM_FullRB

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LTE B66_5 M_OBW_Mid_QPSK_FullRB

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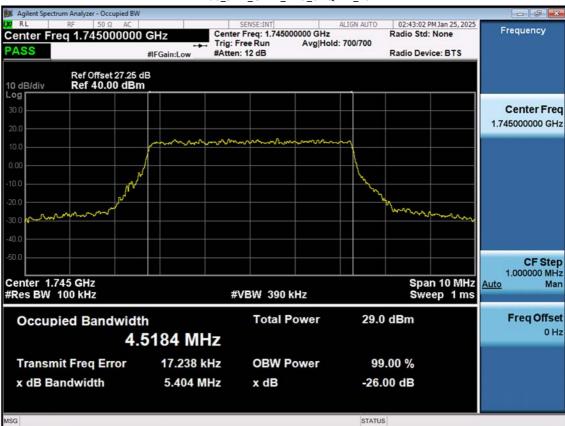




LTE B66_5 M_OBW_Mid_16QAM_FullRB

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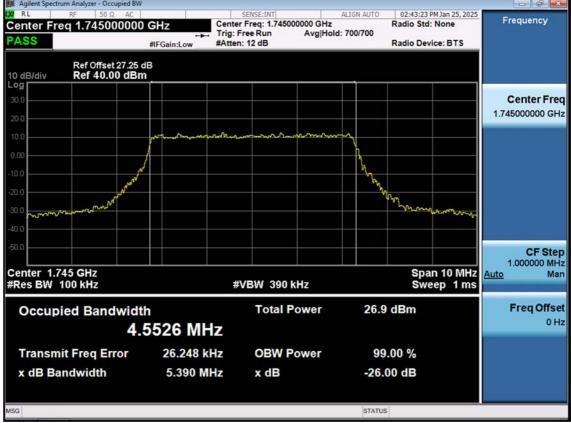


LTE B66_5 M_OBW_Mid_64QAM_FullRB

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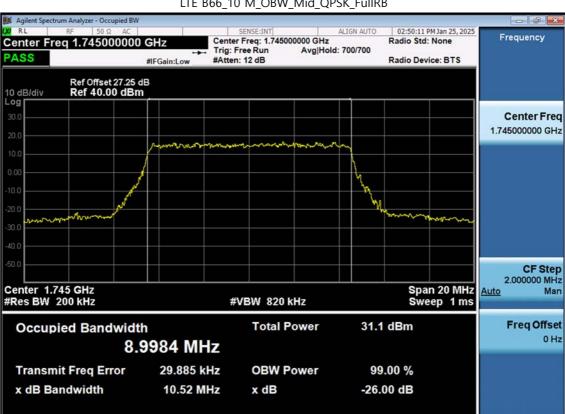


LTE B66_5 M_OBW_Mid_256QAM_FullRB



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LTE B66_10 M_OBW_Mid_QPSK_FullRB

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LTE B66_10 M_OBW_Mid_16QAM_FullRB ALIGN AUTO 02:50:39 PM Jan 25, 2025 Frequency Center Freq: 1.745000000 GHz Trig: Free Run Avg|Ho #Atten: 12 dB Radio Std: None Center Freq 1.745000000 GHz Avg|Hold: 700/700 **PASS** Radio Device: BTS #IFGain:Low Ref Offset 27.25 dB Ref 40.00 dBm 10 dB/div Log Center Freq 1.745000000 GHz **CF Step** 2.000000 MHz Center 1.745 GHz #Res BW 200 kHz Span 20 MHz Sweep 1 ms Auto Man #VBW 820 kHz 30.1 dBm Freq Offset Occupied Bandwidth **Total Power** 0 Hz 9.0041 MHz 21.328 kHz **Transmit Freq Error OBW Power** 99.00 % x dB Bandwidth 10.24 MHz -26.00 dB x dB

STATUS

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LTE B66_10 M_OBW_Mid_64QAM_FullRB 02:51:03 PM Jan 25, 2025 Radio Std: None ALIGN AUTO Frequency Center Freq: 1.745000000 GHz Trig: Free Run Avg|Hol #Atten: 12 dB Center Freq 1.745000000 GHz Avg|Hold: 700/700 **PASS** Radio Device: BTS #IFGain:Low Ref Offset 27.25 dB Ref 40.00 dBm 10 dB/div Log Center Freq 1.745000000 GHz **CF Step** 2.000000 MHz Center 1.745 GHz #Res BW 200 kHz Span 20 MHz Sweep 1 ms Auto Man #VBW 820 kHz 29.0 dBm Freq Offset Occupied Bandwidth **Total Power** 0 Hz 8.9967 MHz 29.821 kHz **Transmit Freq Error OBW Power** 99.00 % x dB Bandwidth 10.29 MHz -26.00 dB x dB

STATUS

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02:51:21 PM Jan 25, 2025 Radio Std: None ALIGN AUTO Frequency Center Freq: 1.745000000 GHz Trig: Free Run Avg|Hol #Atten: 12 dB Center Freq 1.745000000 GHz Avg|Hold: 700/700 **PASS** Radio Device: BTS #IFGain:Low Ref Offset 27.25 dB Ref 40.00 dBm 10 dB/div Log Center Freq 1.745000000 GHz **CF Step** 2.000000 MHz Center 1.745 GHz #Res BW 200 kHz Span 20 MHz Sweep 1 ms Auto Man #VBW 820 kHz 27.0 dBm Freq Offset Occupied Bandwidth **Total Power** 0 Hz 9.0138 MHz 32.631 kHz **Transmit Freq Error OBW Power** 99.00 % x dB Bandwidth 10.15 MHz -26.00 dB x dB

STATUS

LTE B66_10 M_OBW_Mid_256QAM_FullRB

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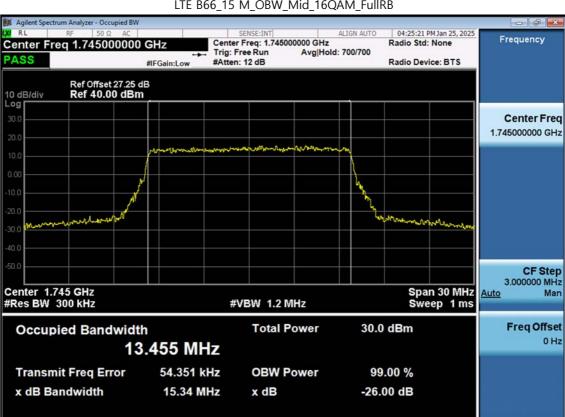


LTE B66_15 M_OBW_Mid_QPSK_FullRB ALIGN AUTO 04:24:59 PM Jan 25, 2025 Frequency Center Freq: 1.745000000 GHz Trig: Free Run Avg|Hol #Atten: 12 dB Radio Std: None Center Freq 1.745000000 GHz Avg|Hold: 700/700 **PASS** Radio Device: BTS #IFGain:Low Ref Offset 27.25 dB Ref 40.00 dBm 10 dB/div Log Center Freq 1.745000000 GHz **CF Step** 3.000000 MHz Center 1.745 GHz #Res BW 300 kHz Span 30 MHz Sweep 1 ms Auto Man #VBW 1.2 MHz **Total Power** 30.9 dBm Freq Offset Occupied Bandwidth 0 Hz 13.473 MHz 62.571 kHz **Transmit Freq Error OBW Power** 99.00 % x dB Bandwidth 15.19 MHz -26.00 dB x dB

STATUS

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LTE B66_15 M_OBW_Mid_16QAM_FullRB

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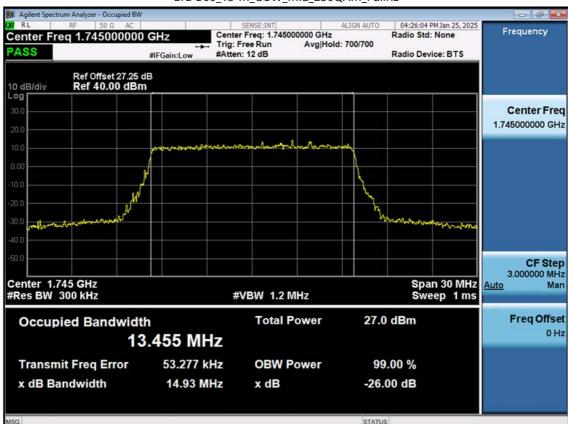




LTE B66_15 M_OBW_Mid_64QAM_FullRB

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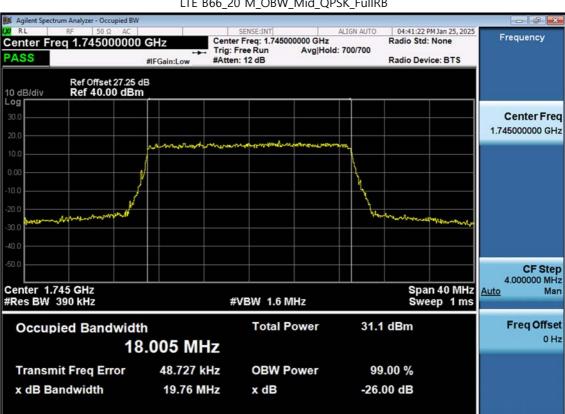




LTE B66_15 M_OBW_Mid_256QAM_FullRB

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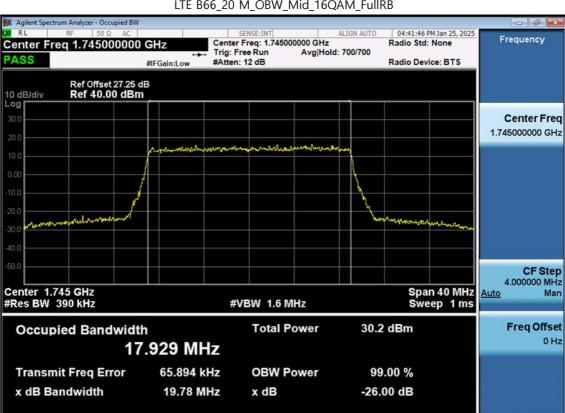




LTE B66_20 M_OBW_Mid_QPSK_FullRB

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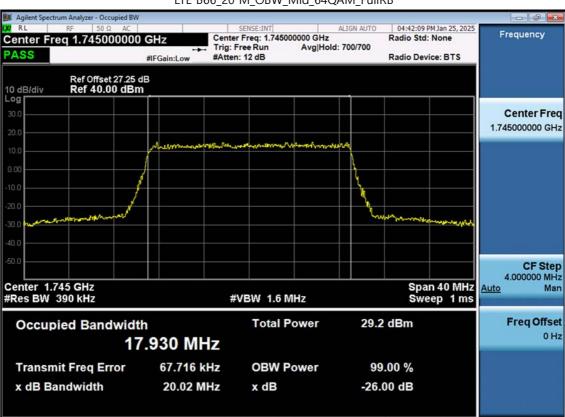




LTE B66_20 M_OBW_Mid_16QAM_FullRB

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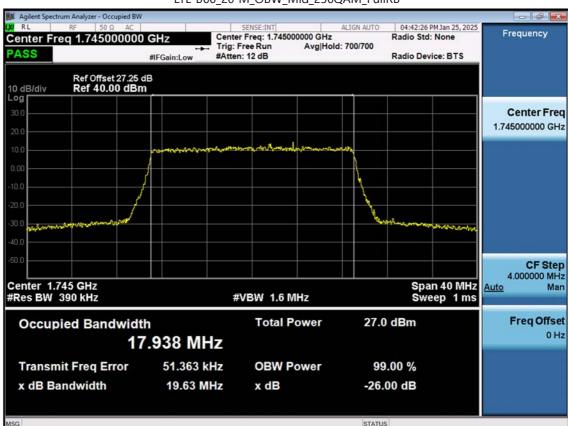




LTE B66_20 M_OBW_Mid_64QAM_FullRB

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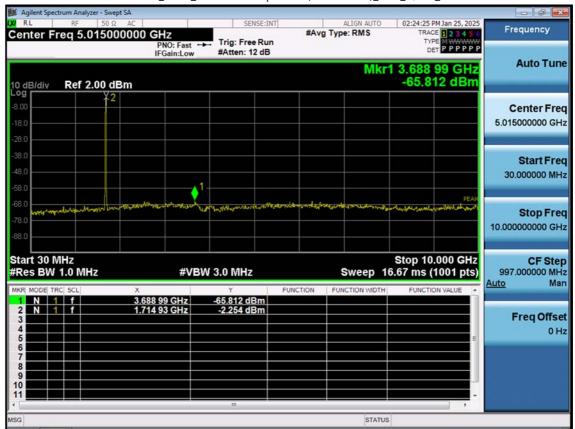




LTE B66_20 M_OBW_Mid_256QAM_FullRB

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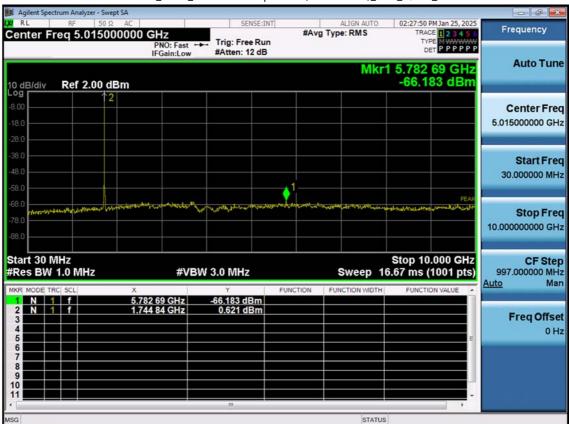




LTE B66_1.4M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB

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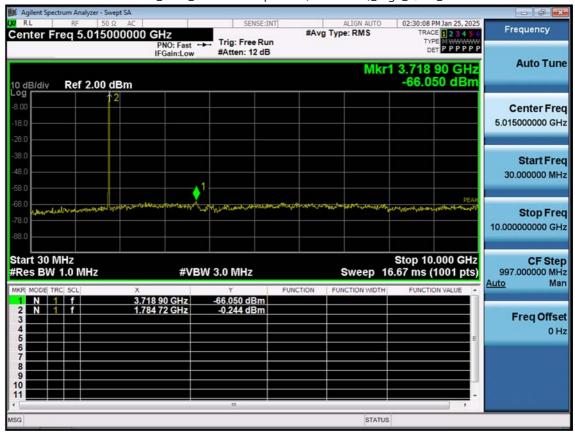




LTE B66_1.4M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB

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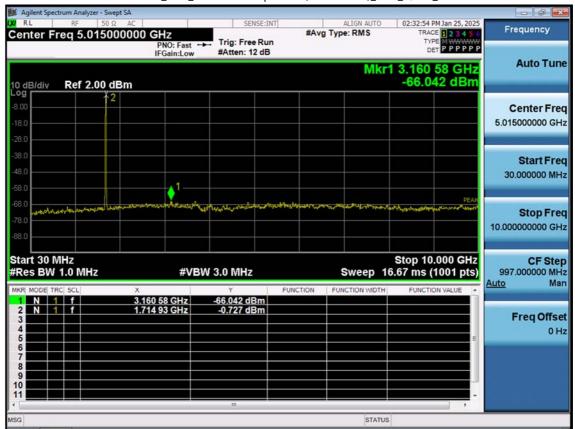




LTE B66_1.4M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB

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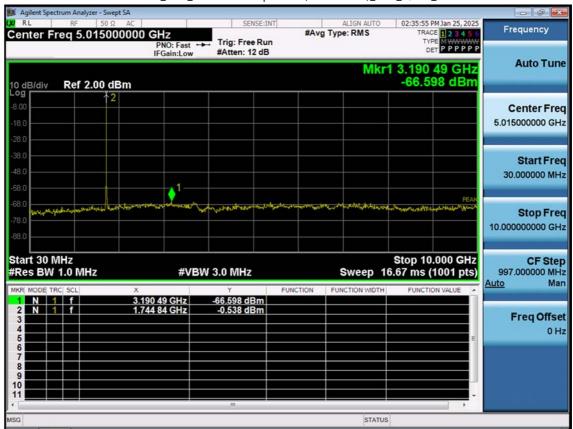




LTE B66_3 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB

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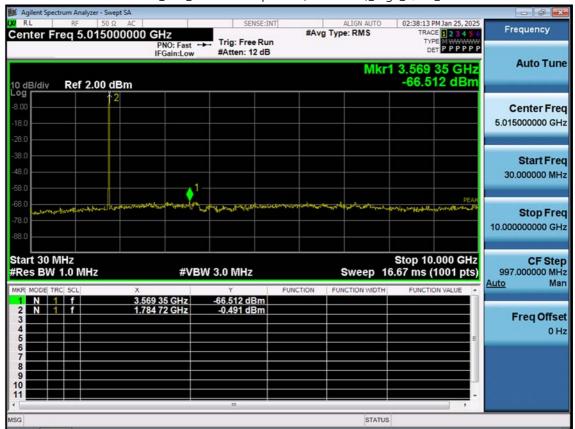




LTE B66_3 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB

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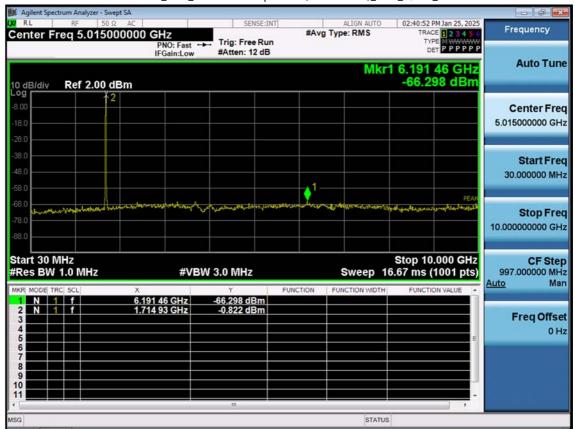




LTE B66_3 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB

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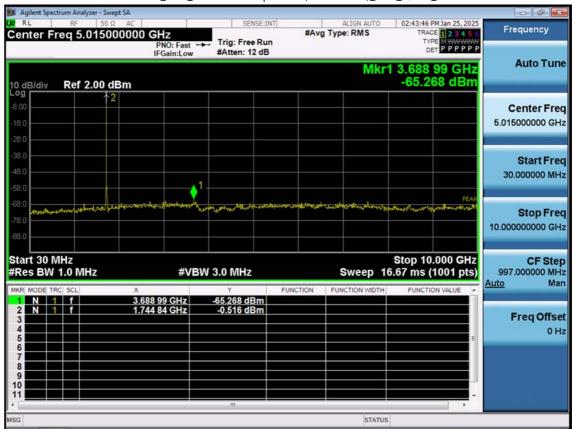




LTE B66_5 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB

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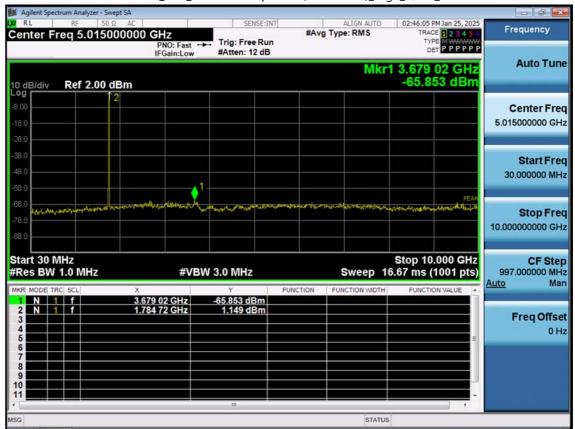




LTE B66_5 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB

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LTE B66_5 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB

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