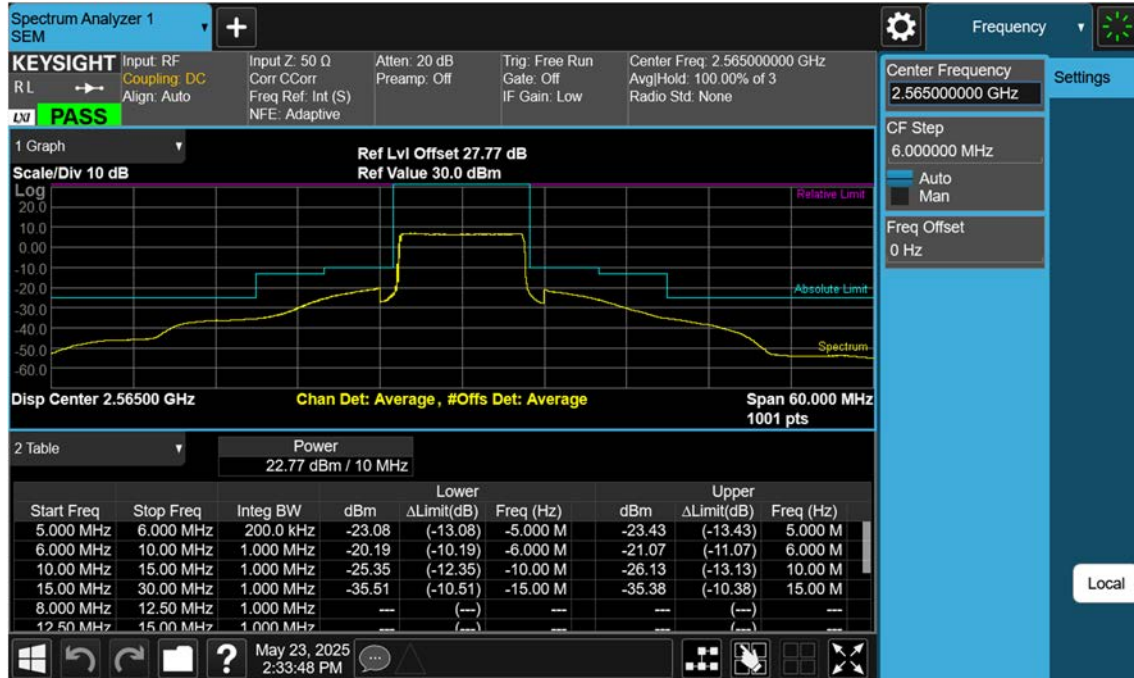
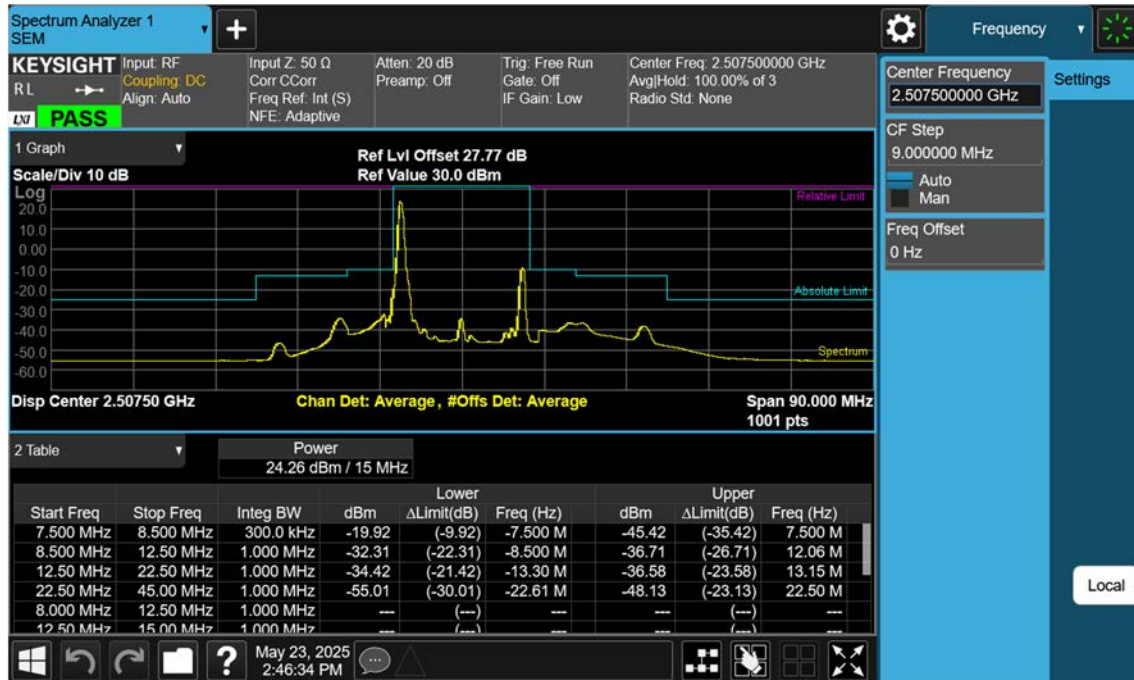


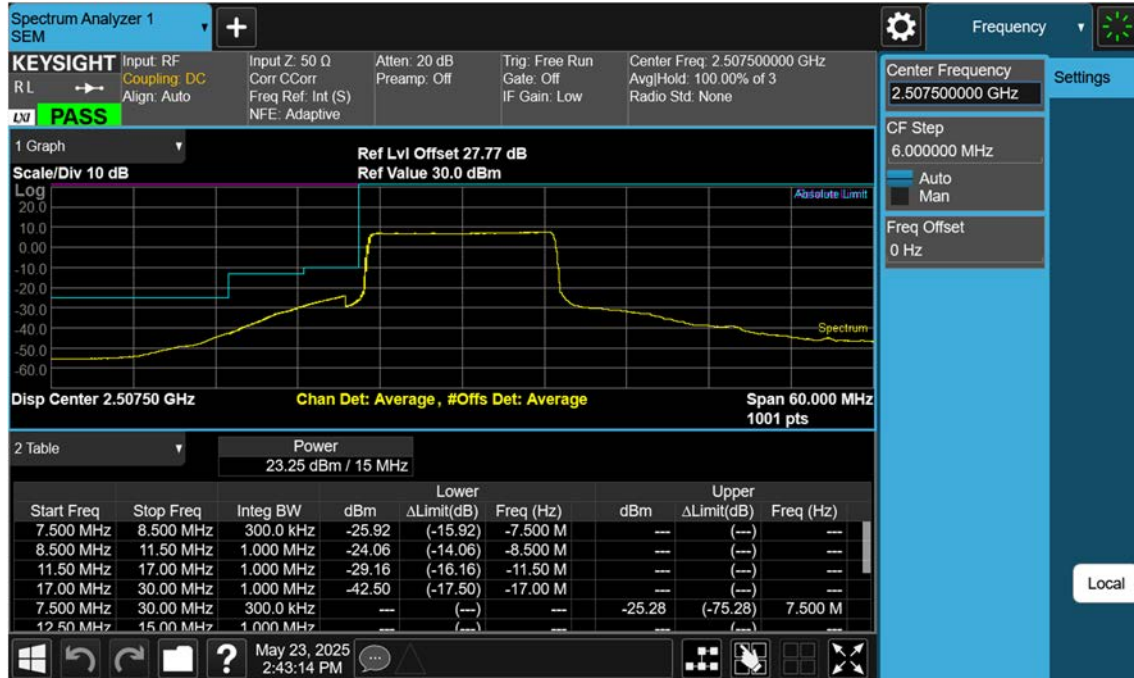
LTE B7_10 M_Channel Edge_High_QPSK_FullRB



LTE B7_15 M_Channel Edge_Low_QPSK_1RB



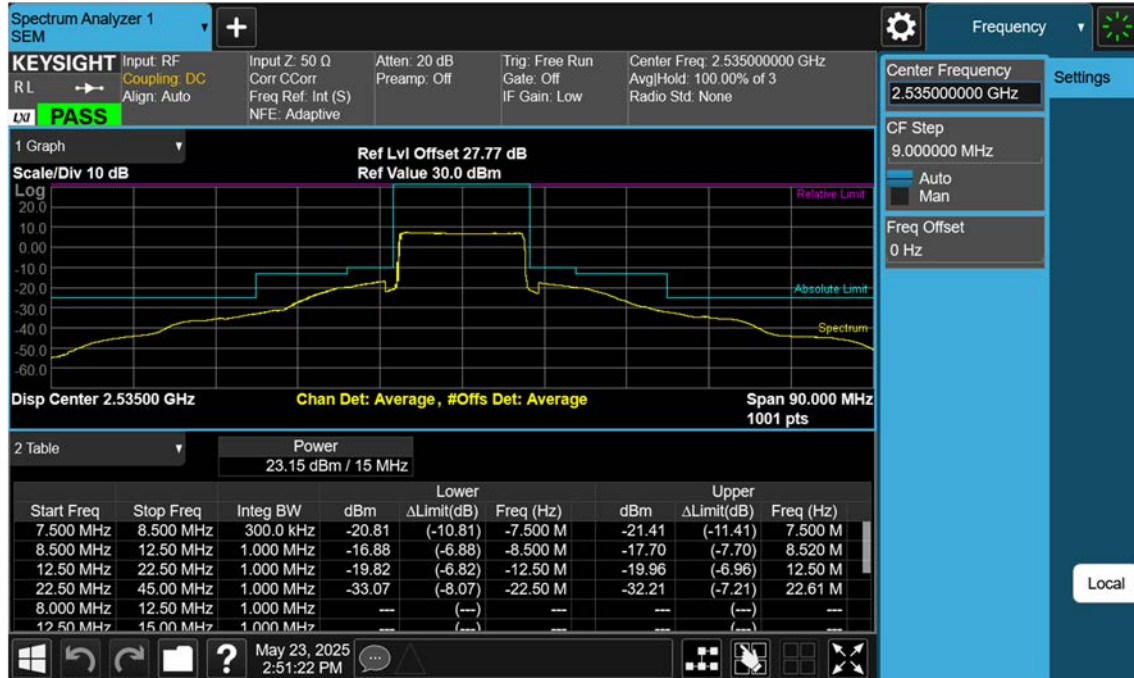
LTE B7_15 M_Channel Edge_Lower_Low_QPSK_FullRB



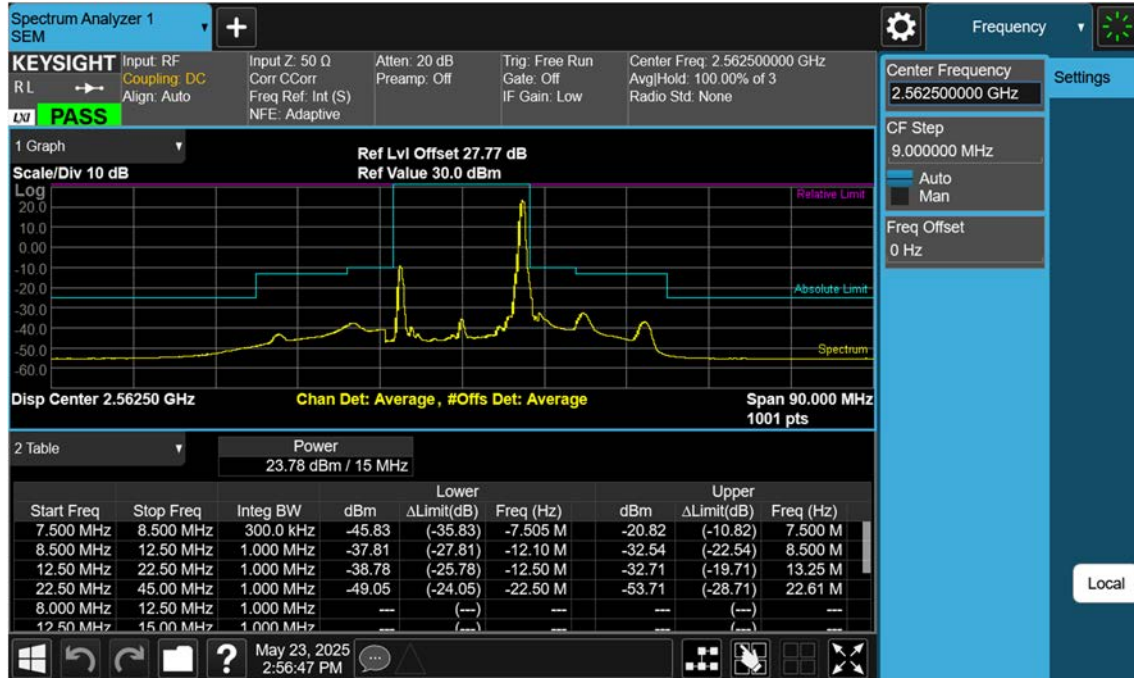
LTE B7_15 M_Channel Edge_Upper_Low_QPSK_FullRB



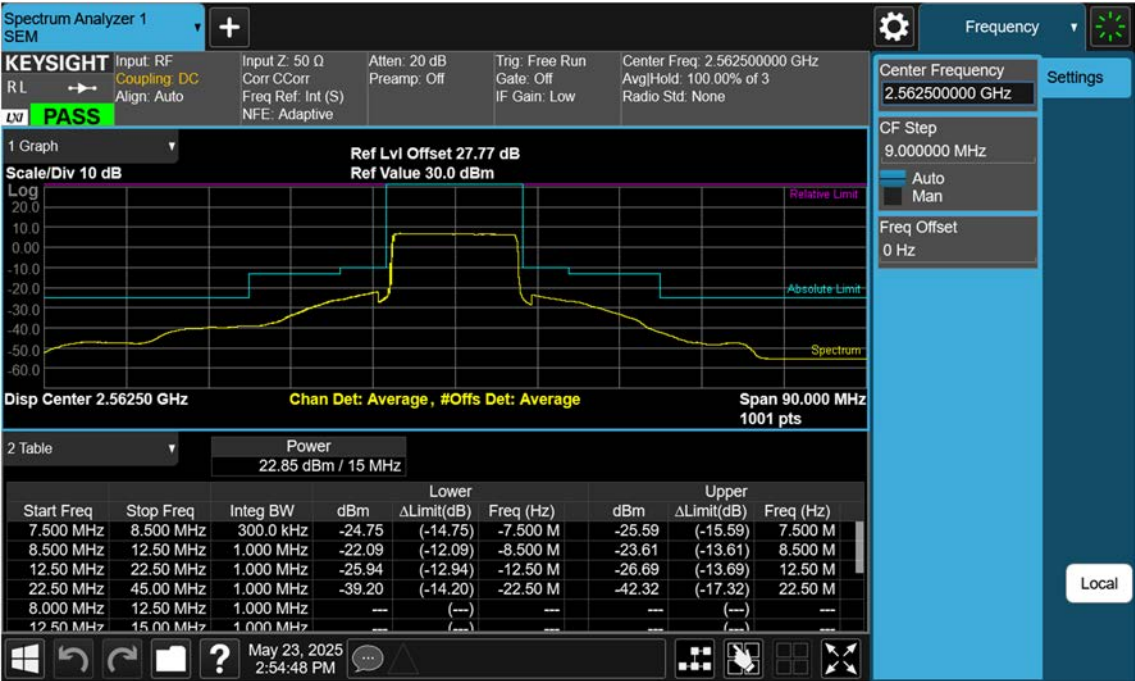
LTE B7_15 M_Channel Edge_Mid_QPSK_FullRB



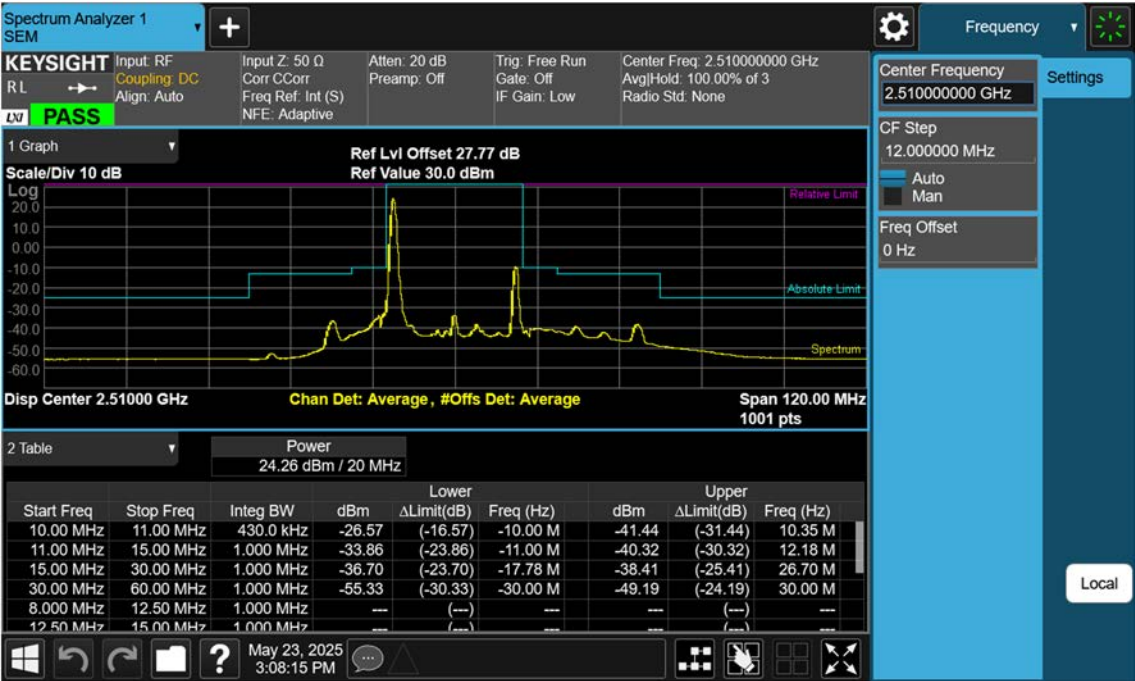
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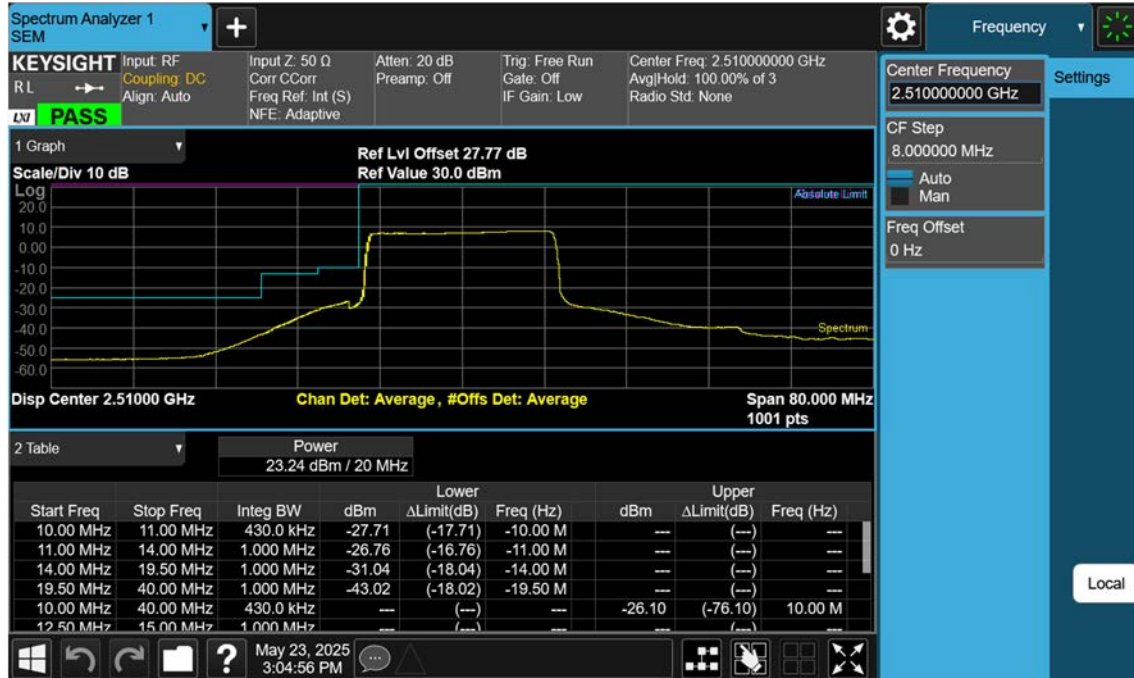
LTE B7_15 M_Channel Edge_High_QPSK_FullRB



LTE B7_20 M_Channel Edge_Low_QPSK_1RB



LTE B7_20 M_Channel Edge_Lower_Low_QPSK_FullRB



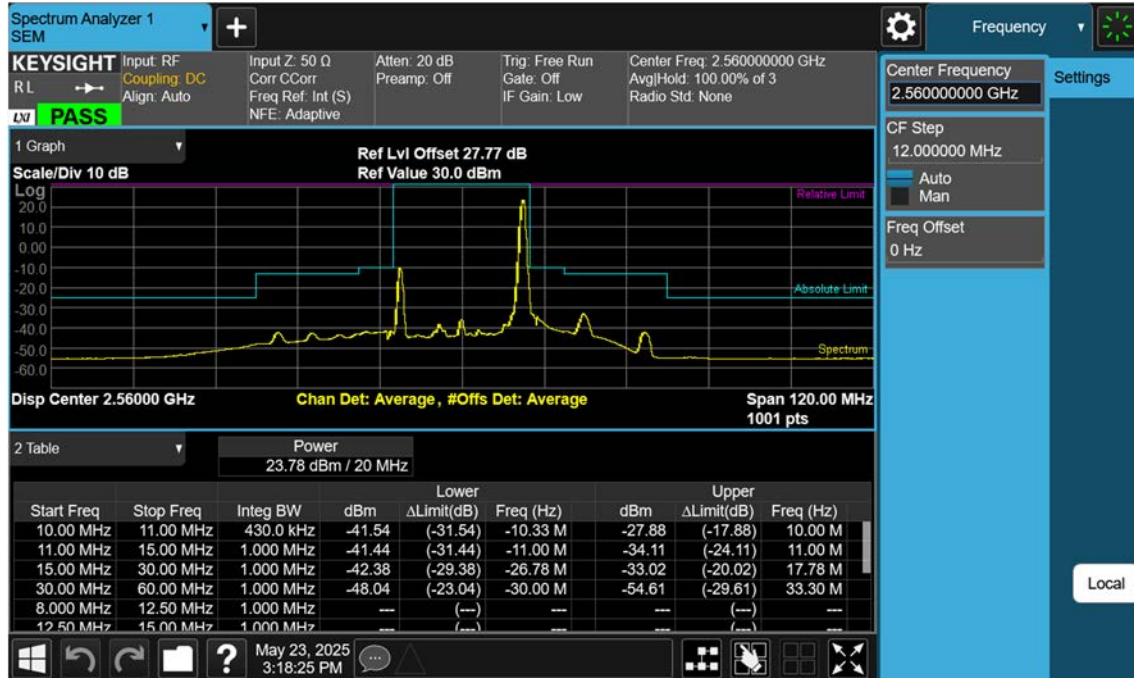
LTE B7_20 M_Channel Edge_Upper_Low_QPSK_FullRB



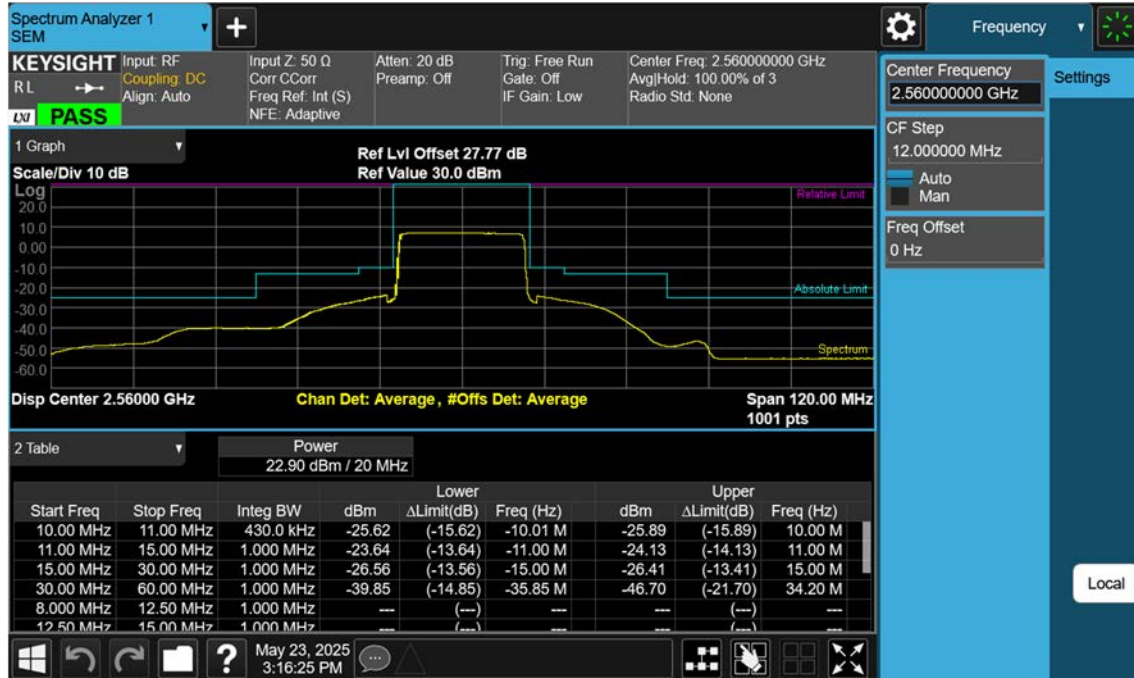
LTE B7_20 M_Channel Edge_Mid_QPSK_FullRB



LTE B7_20 M_Channel Edge_High_QPSK_1RB

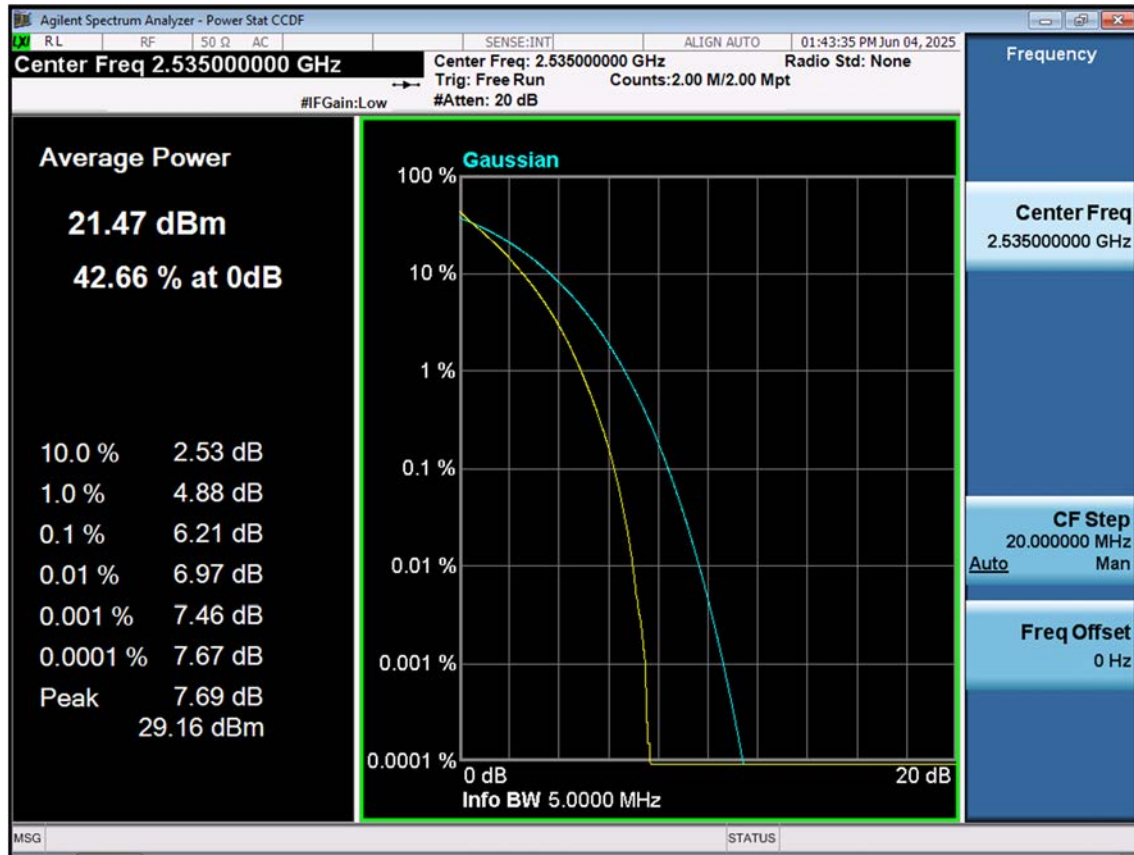


LTE B7_20 M_Channel Edge_High_QPSK_FullRB

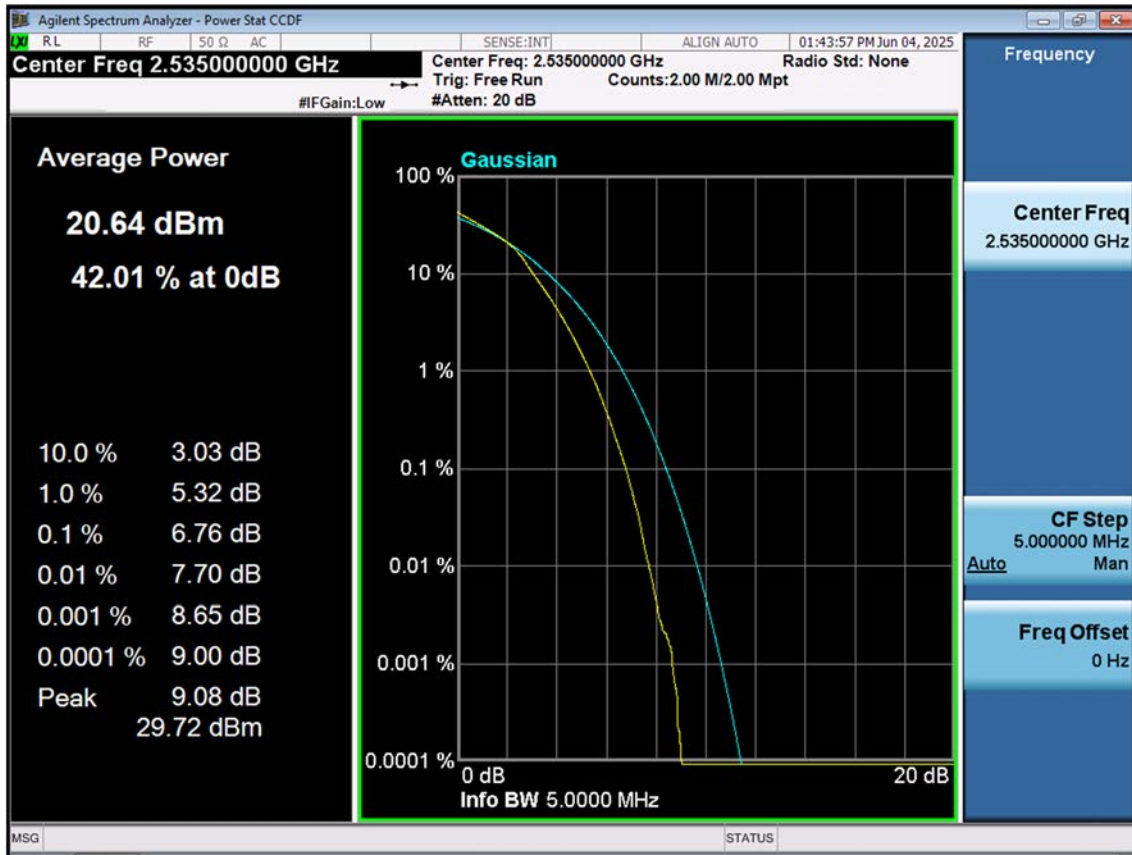


11. TEST PLOTS(Sub 2 ANT)

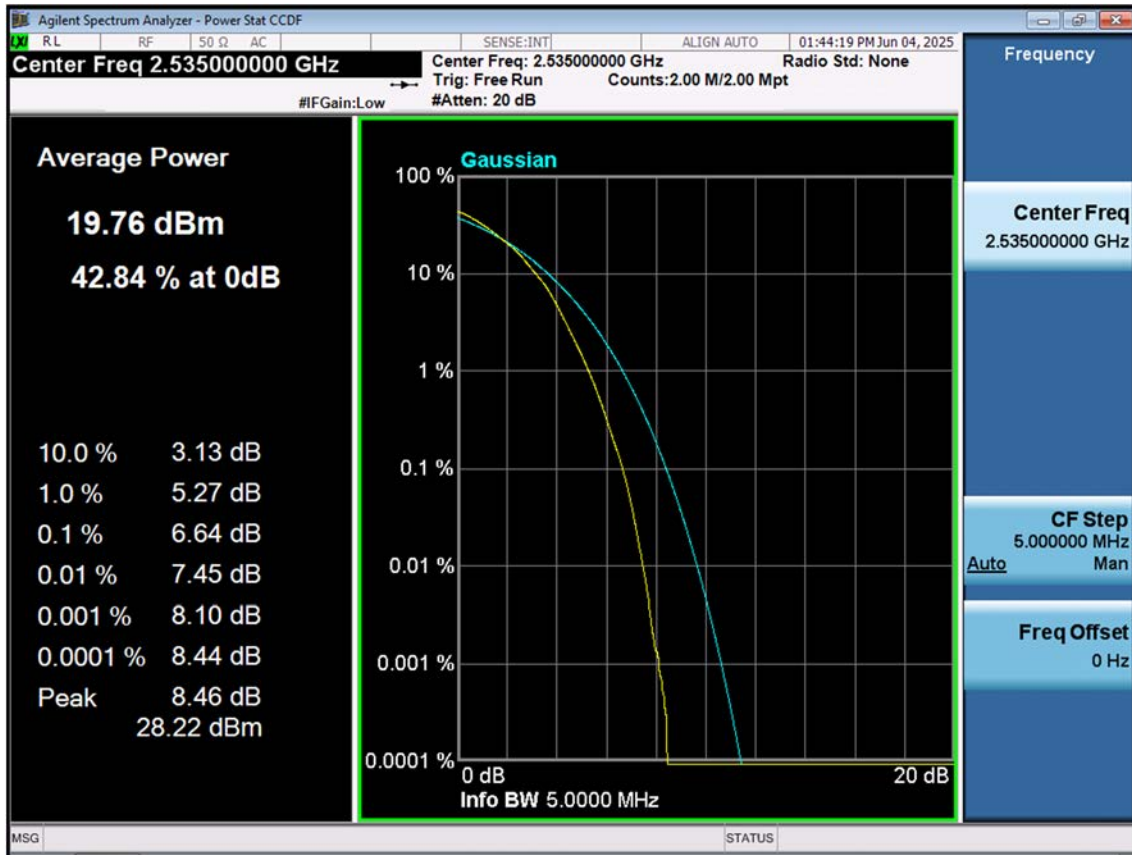
LTE B7_5 M_PAR_Mid_QPSK_FullRB



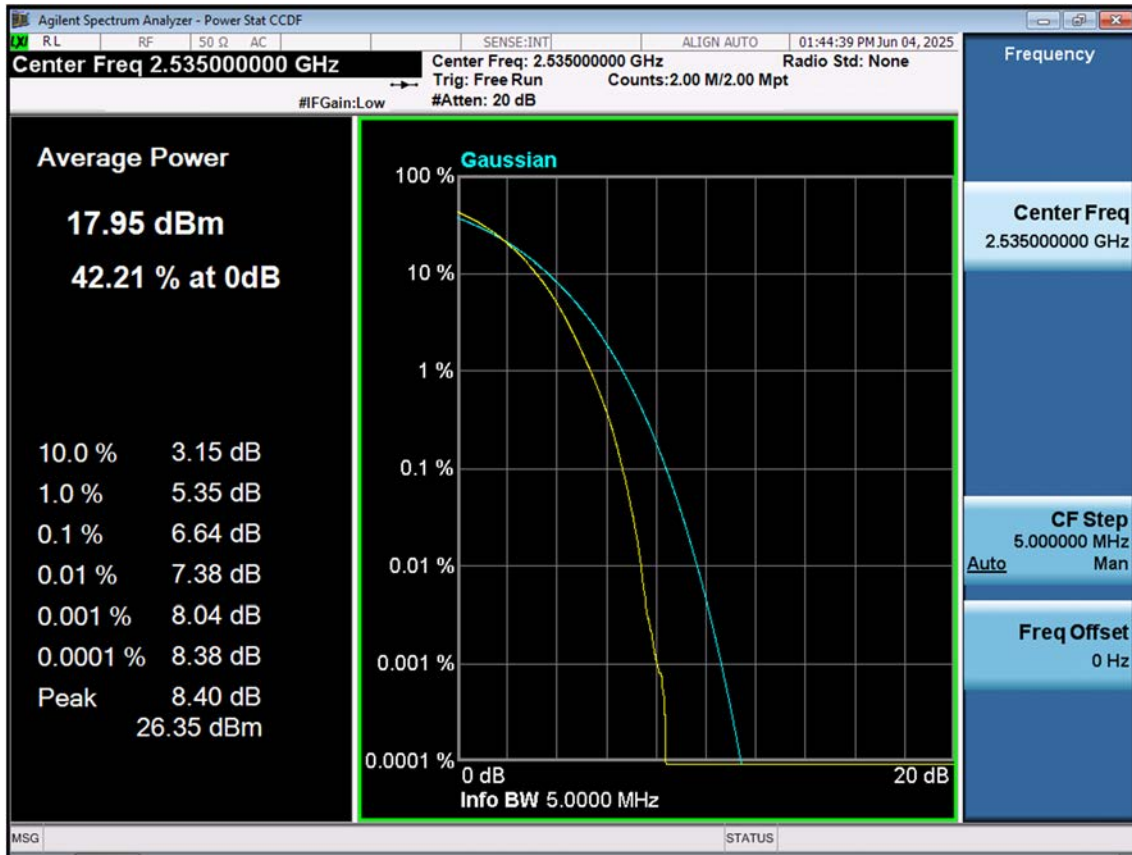
LTE B7_5 M_PAR_Mid_16QAM_FullRB



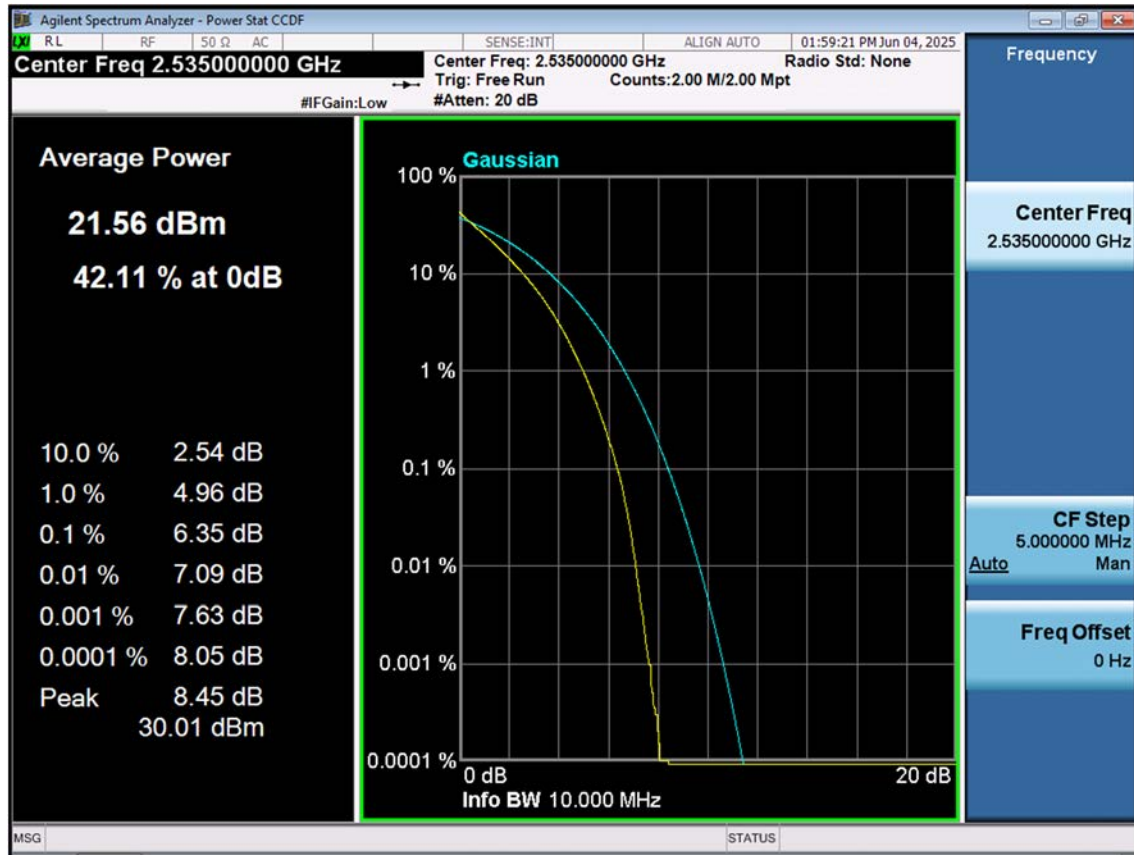
LTE B7_5 M_PAR_Mid_64QAM_FullRB



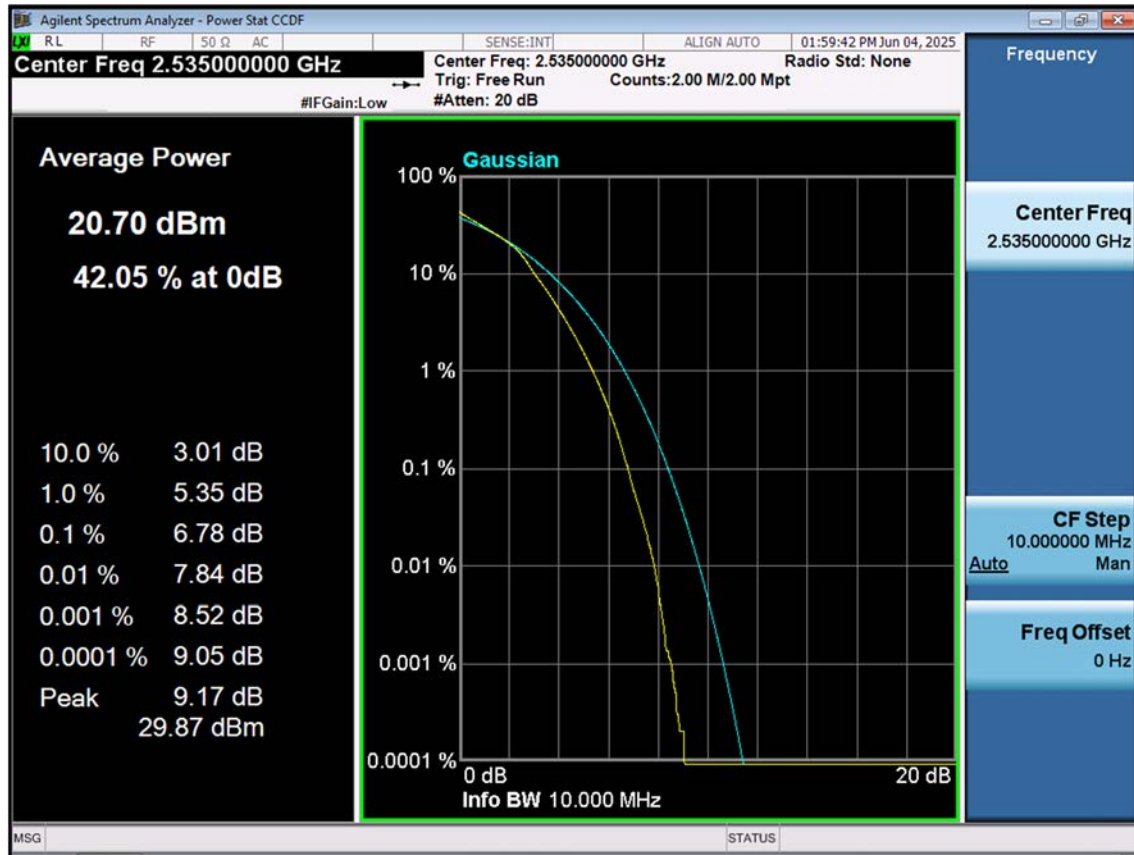
LTE B7_5 M_PAR_Mid_256QAM_FullRB



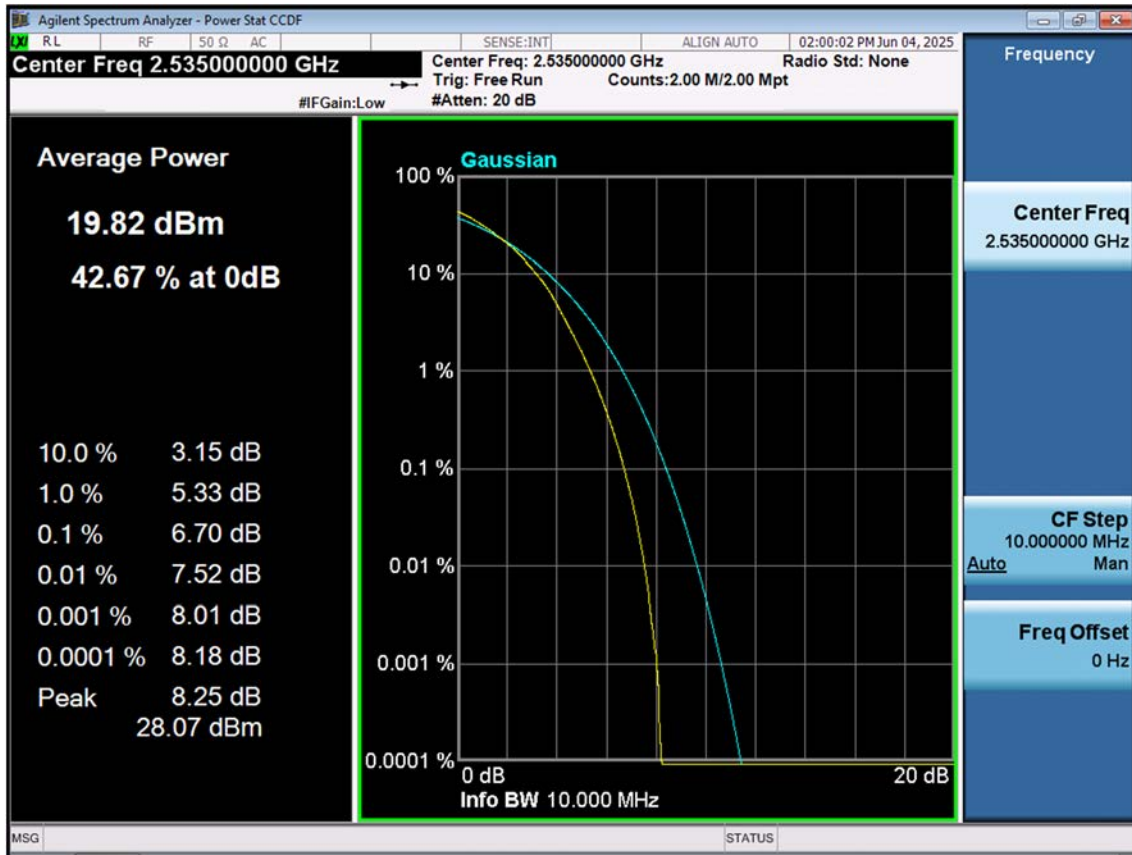
LTE B7_10 M_PAR_Mid_QPSK_FullRB



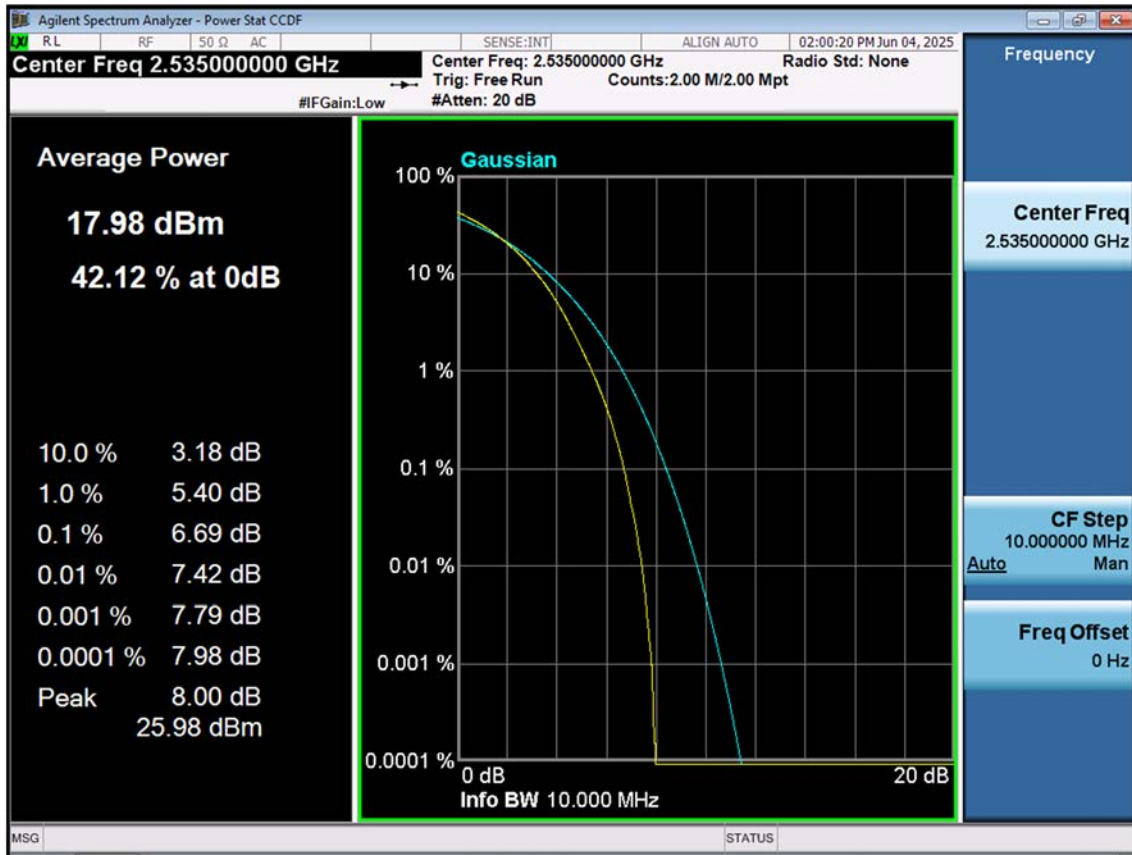
LTE B7_10 M_PAR_Mid_16QAM_FullRB



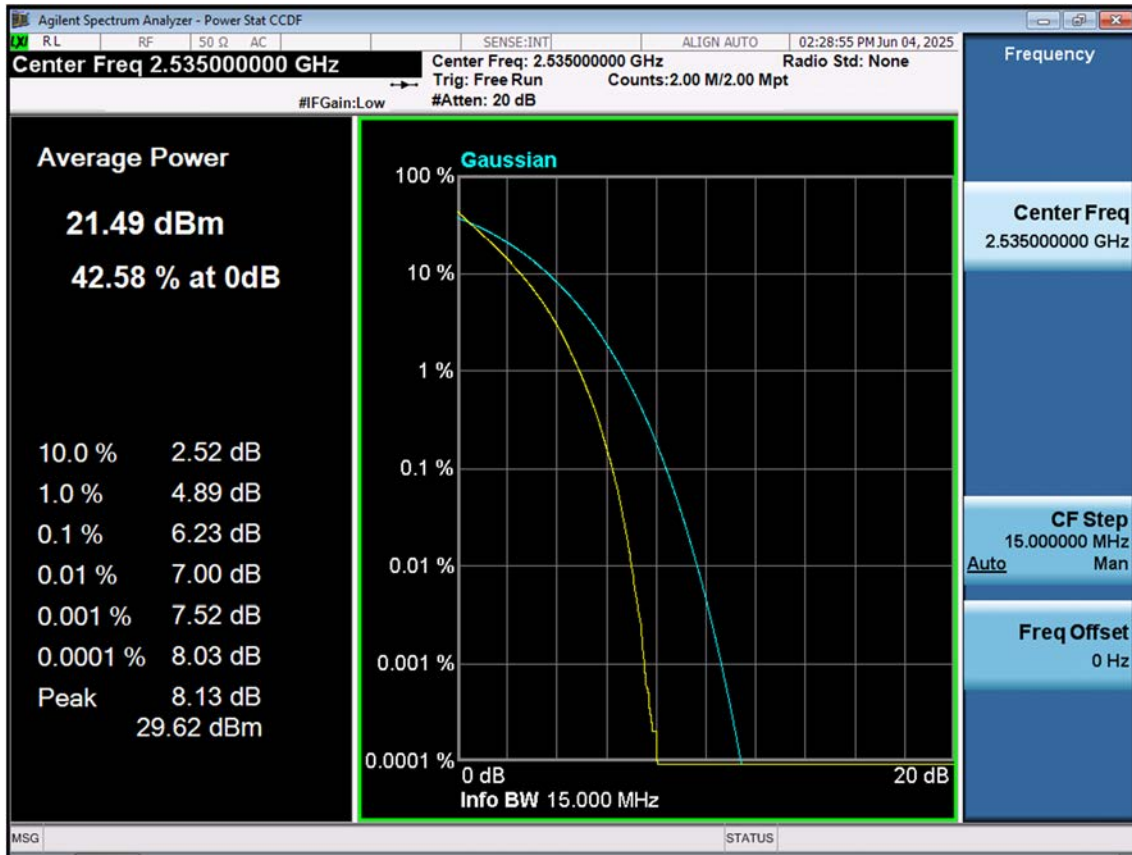
LTE B7_10 M_PAR_Mid_64QAM_FullRB



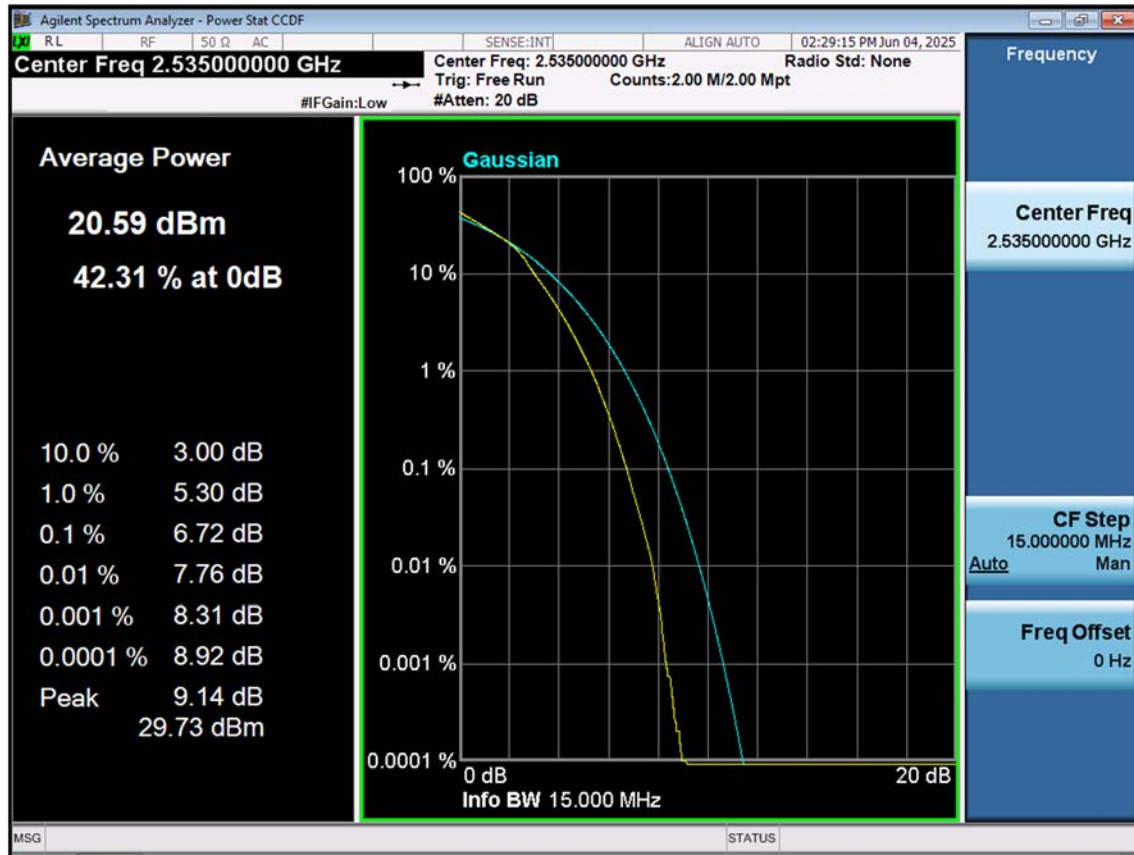
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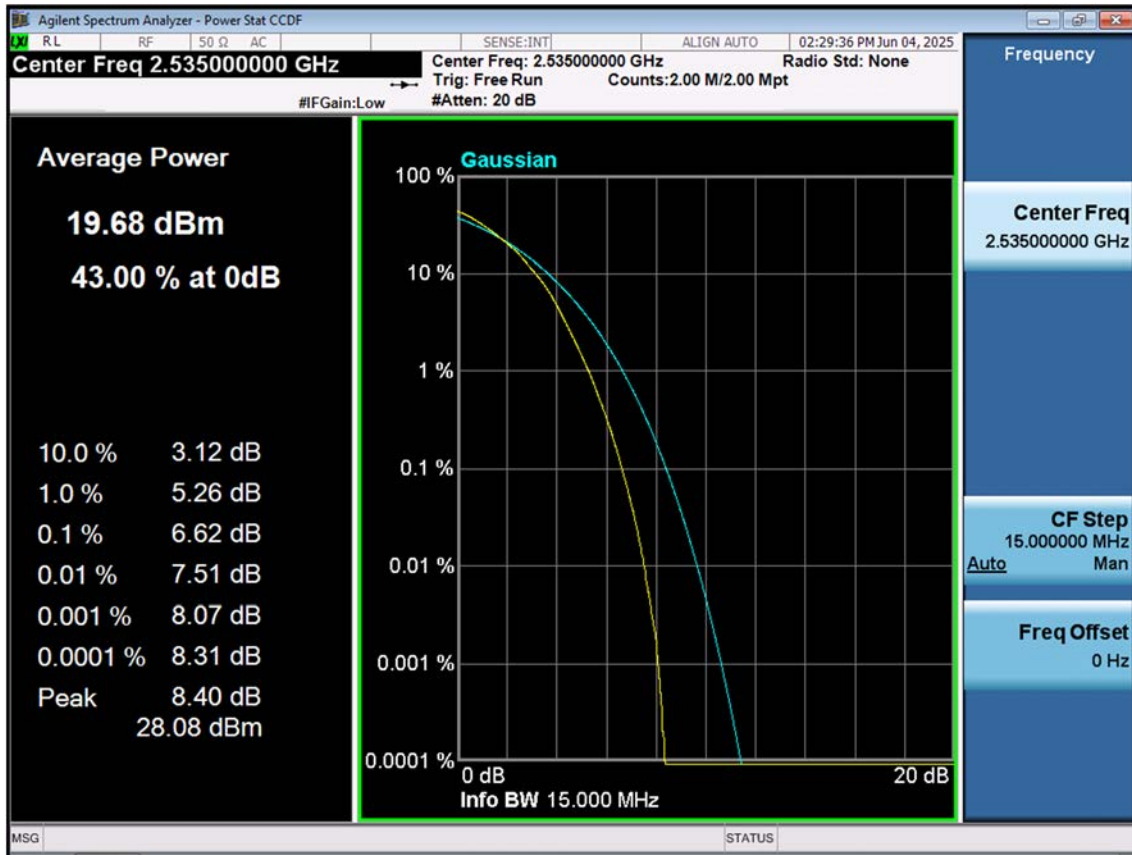
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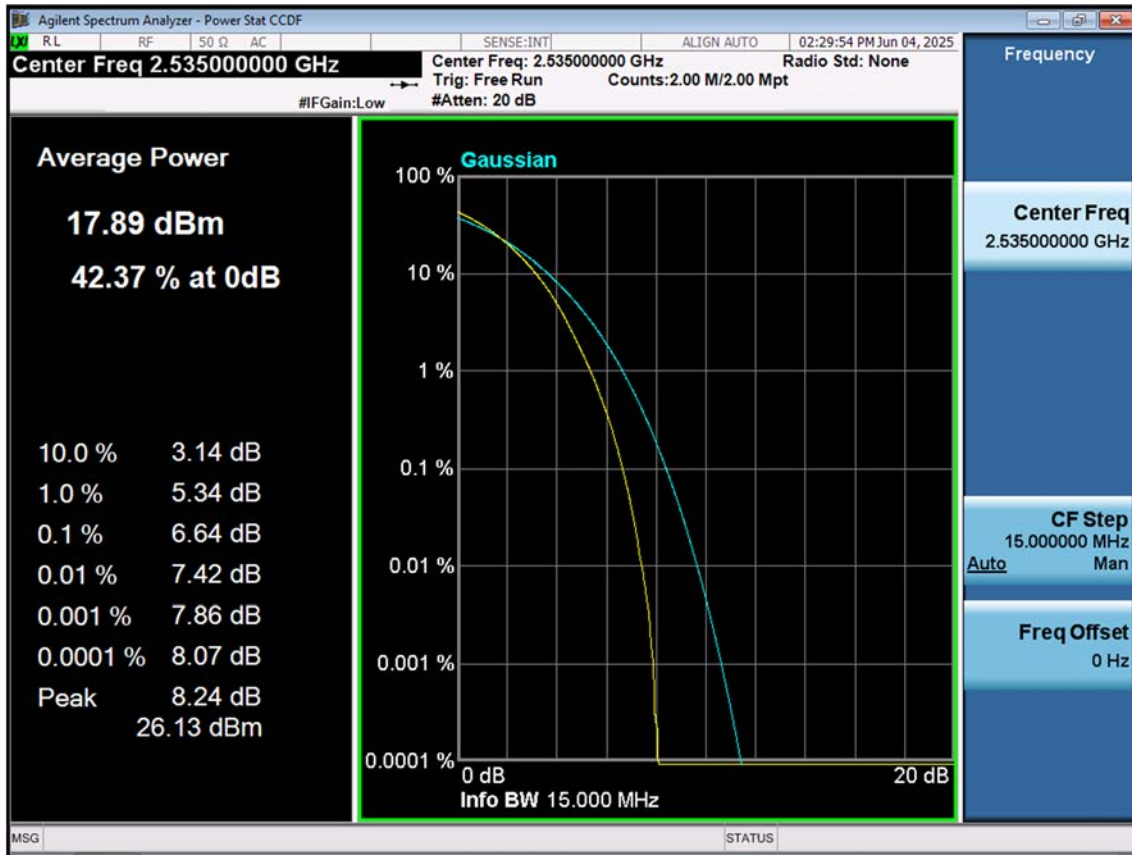
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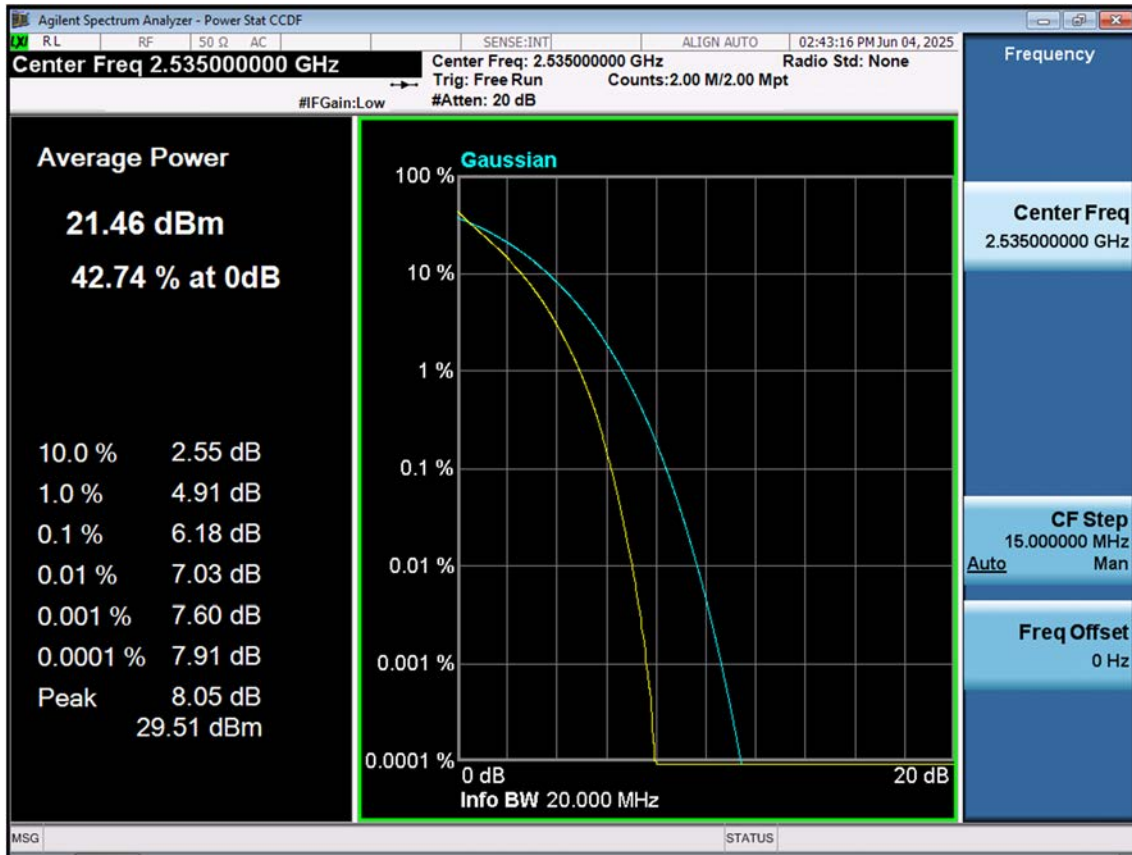
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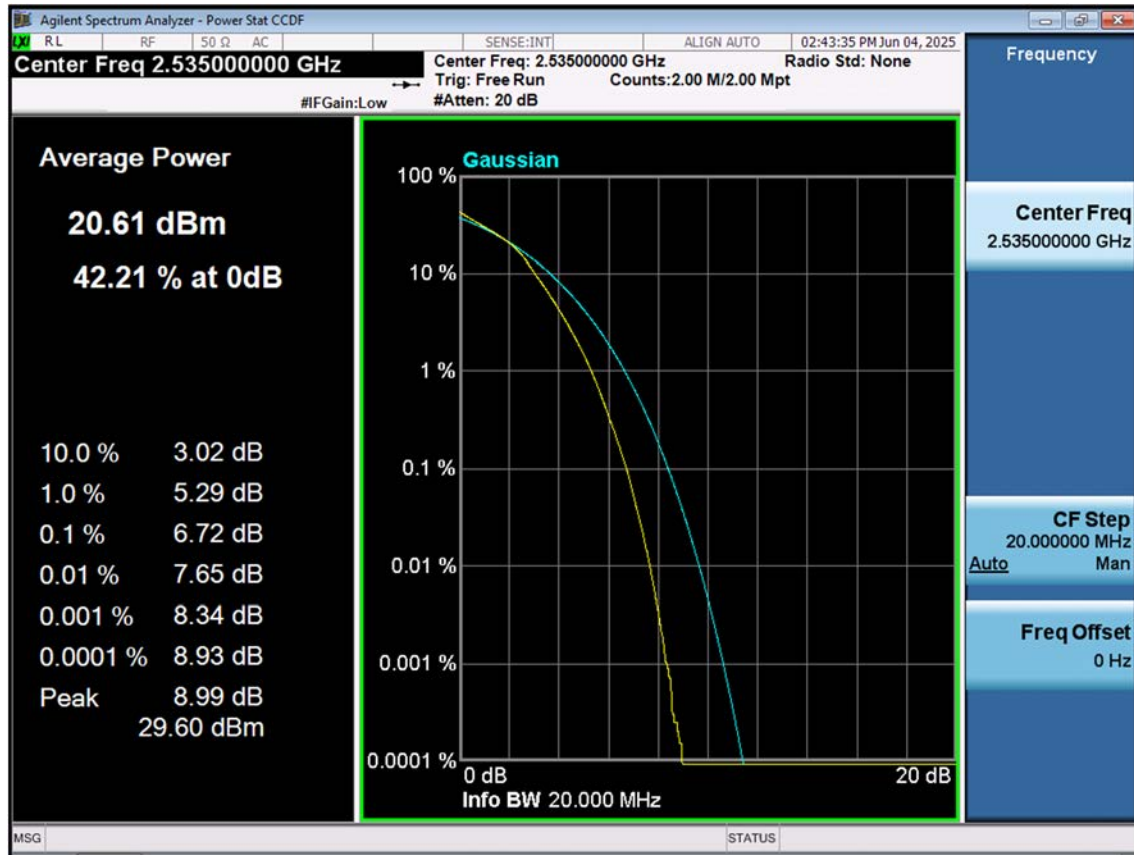
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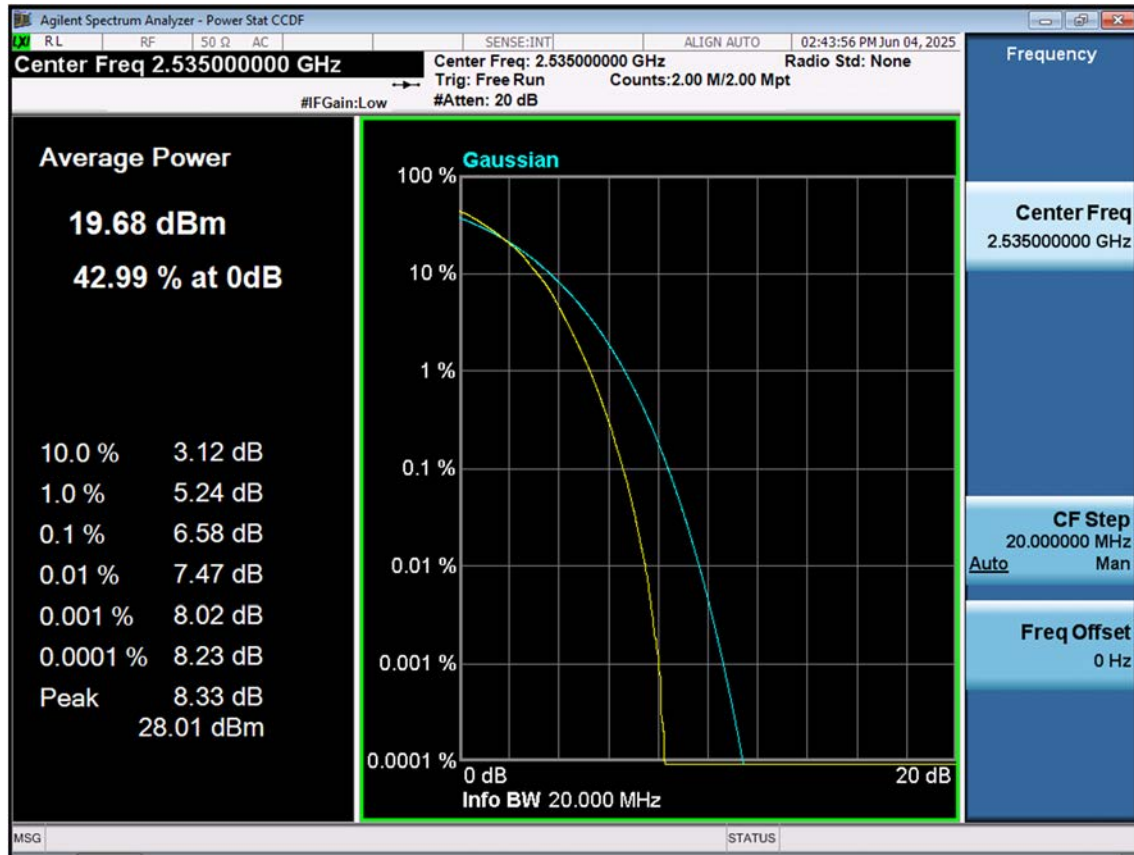
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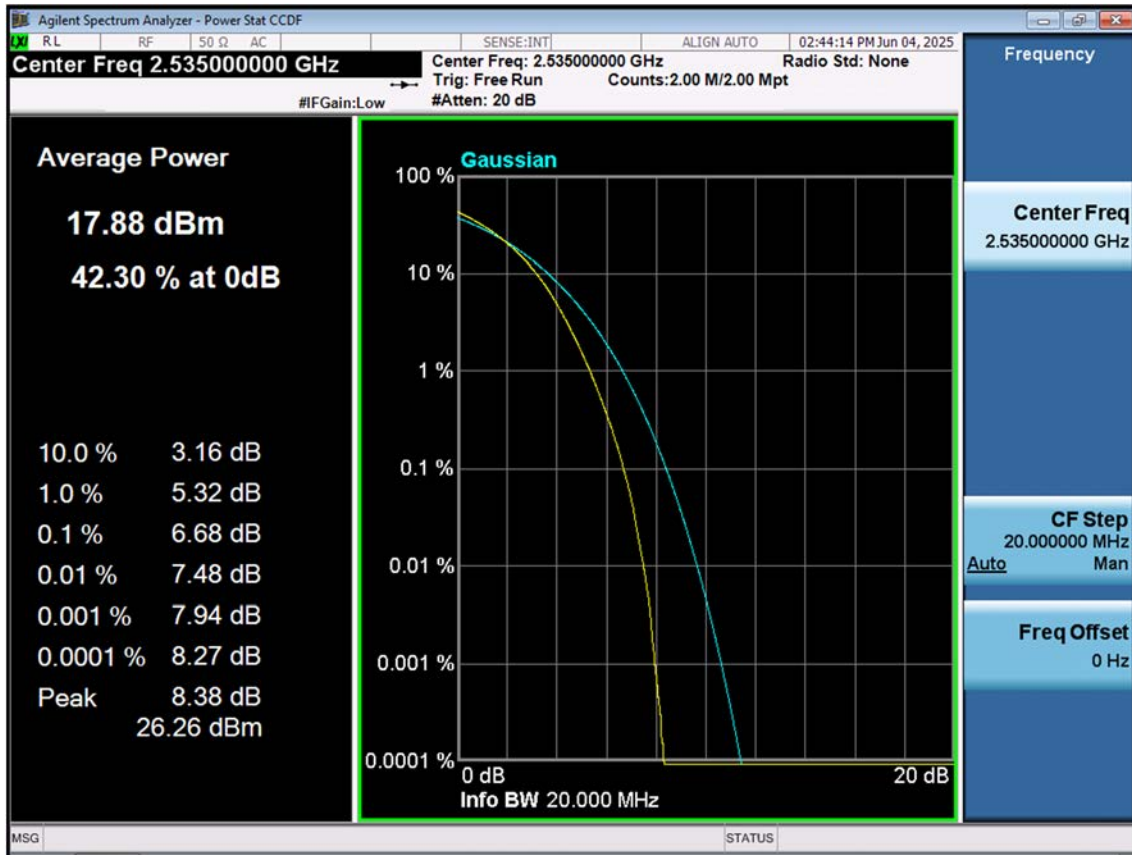
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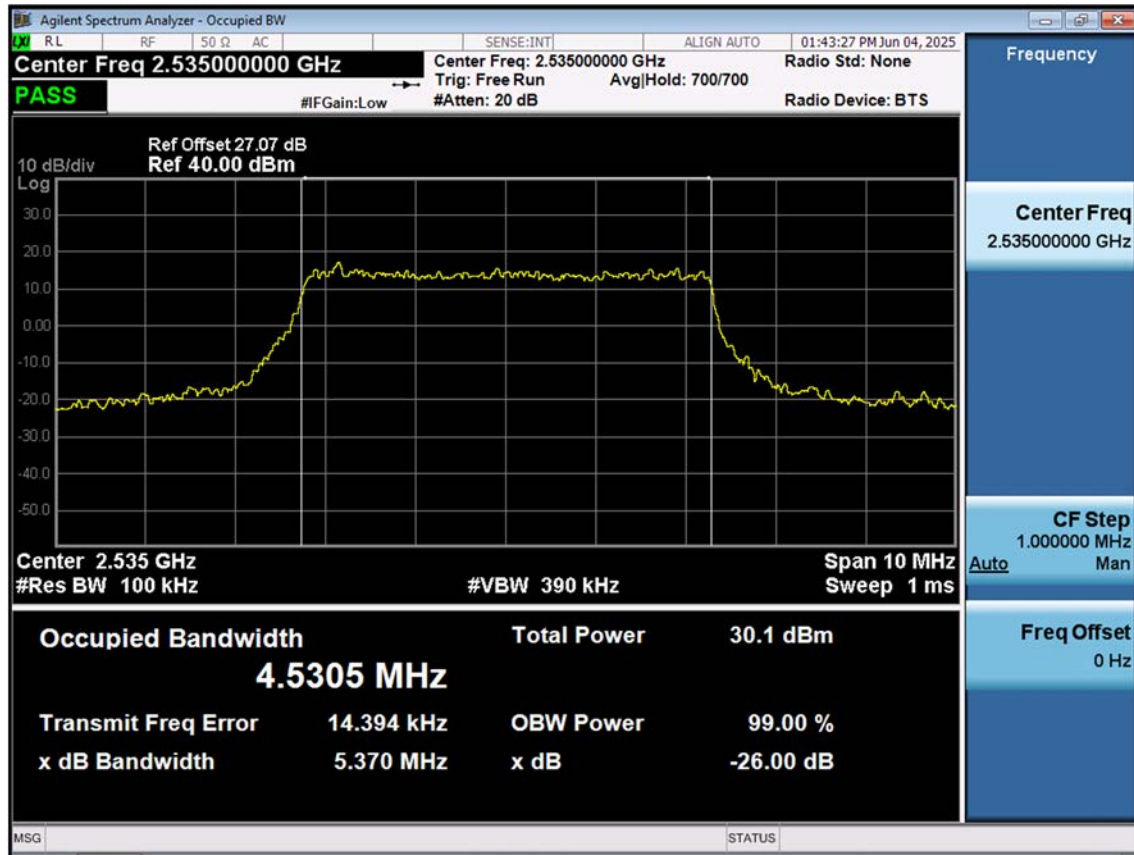
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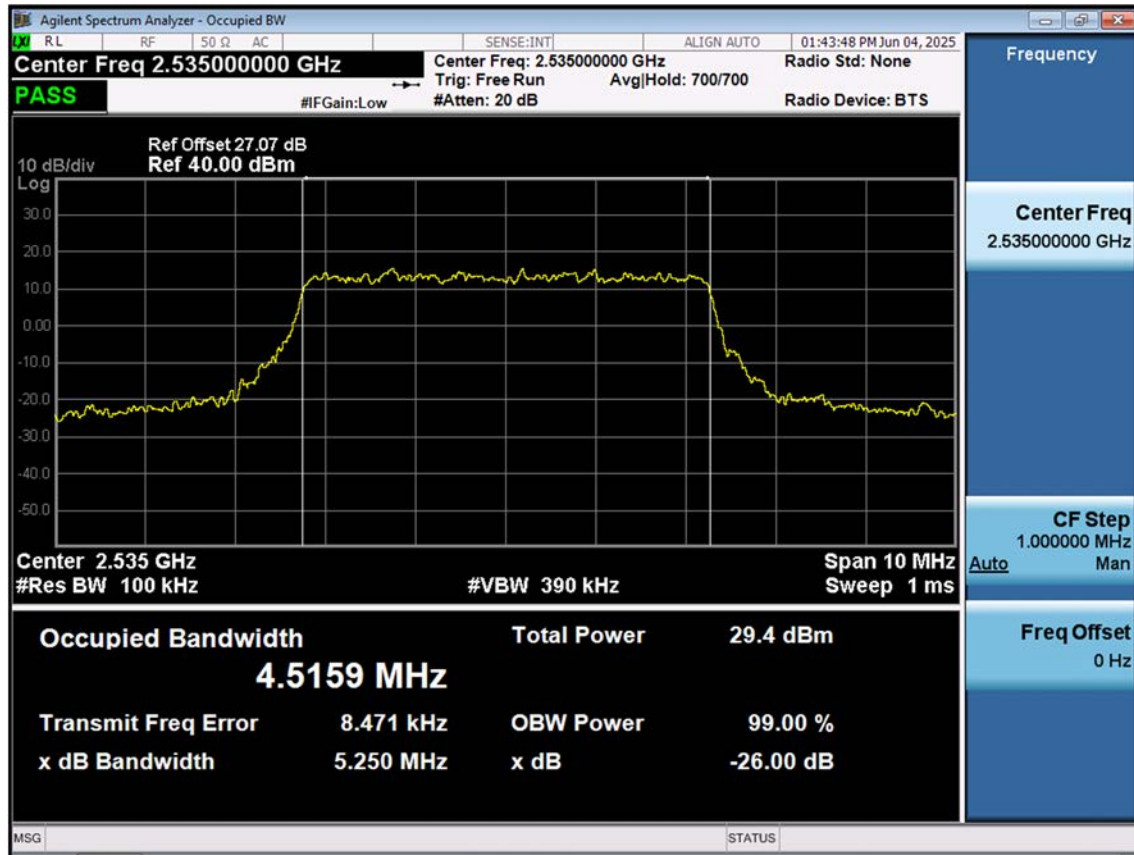
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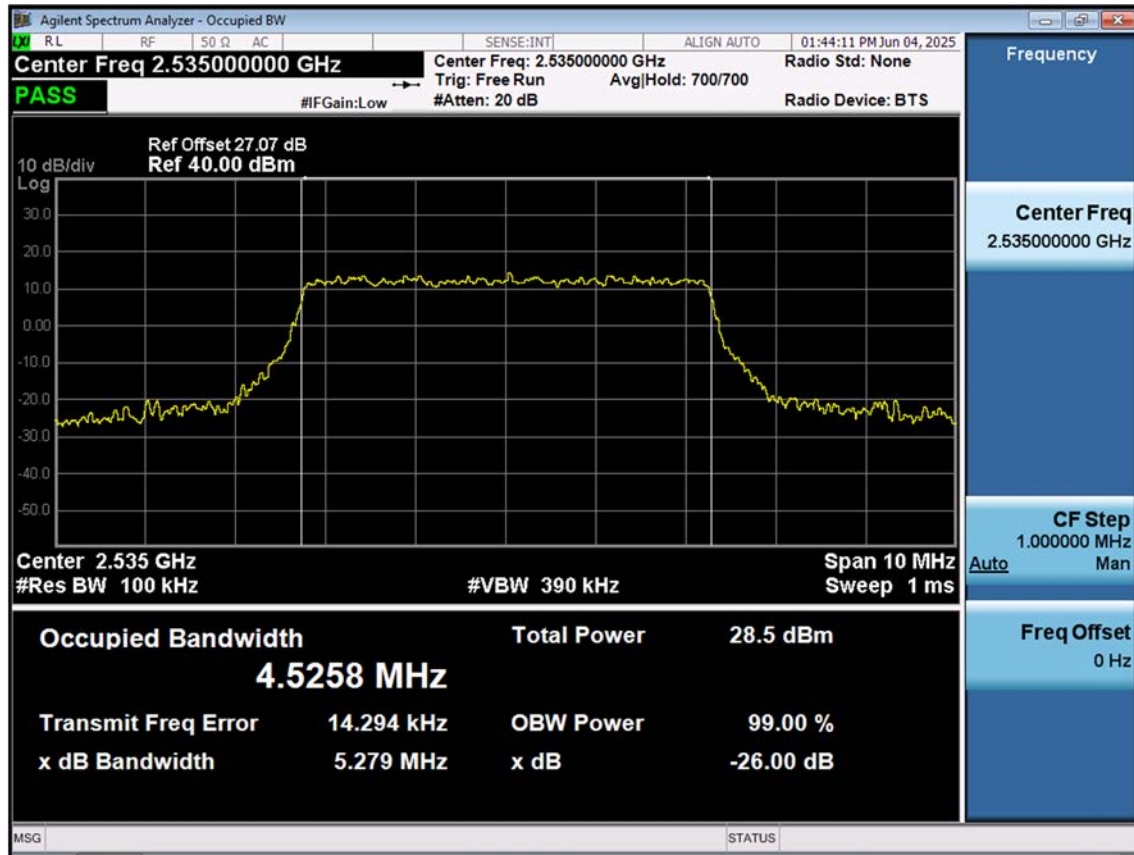
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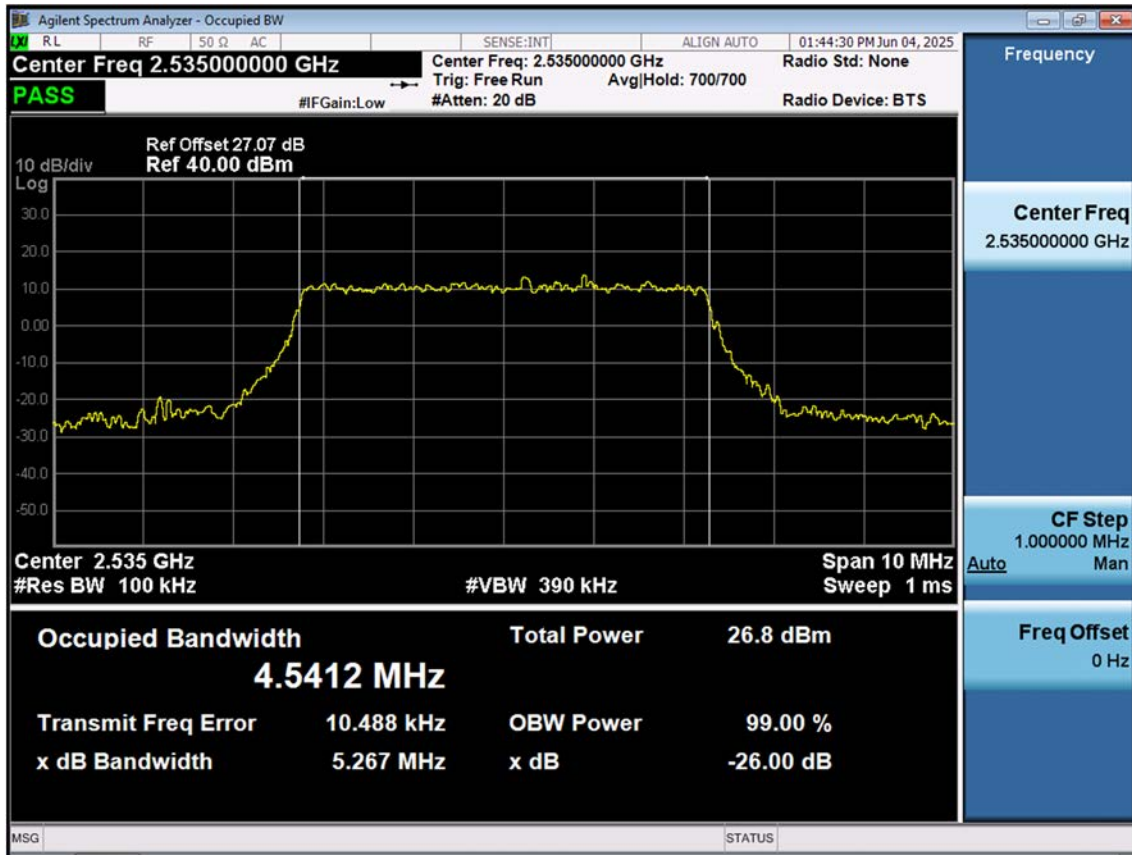
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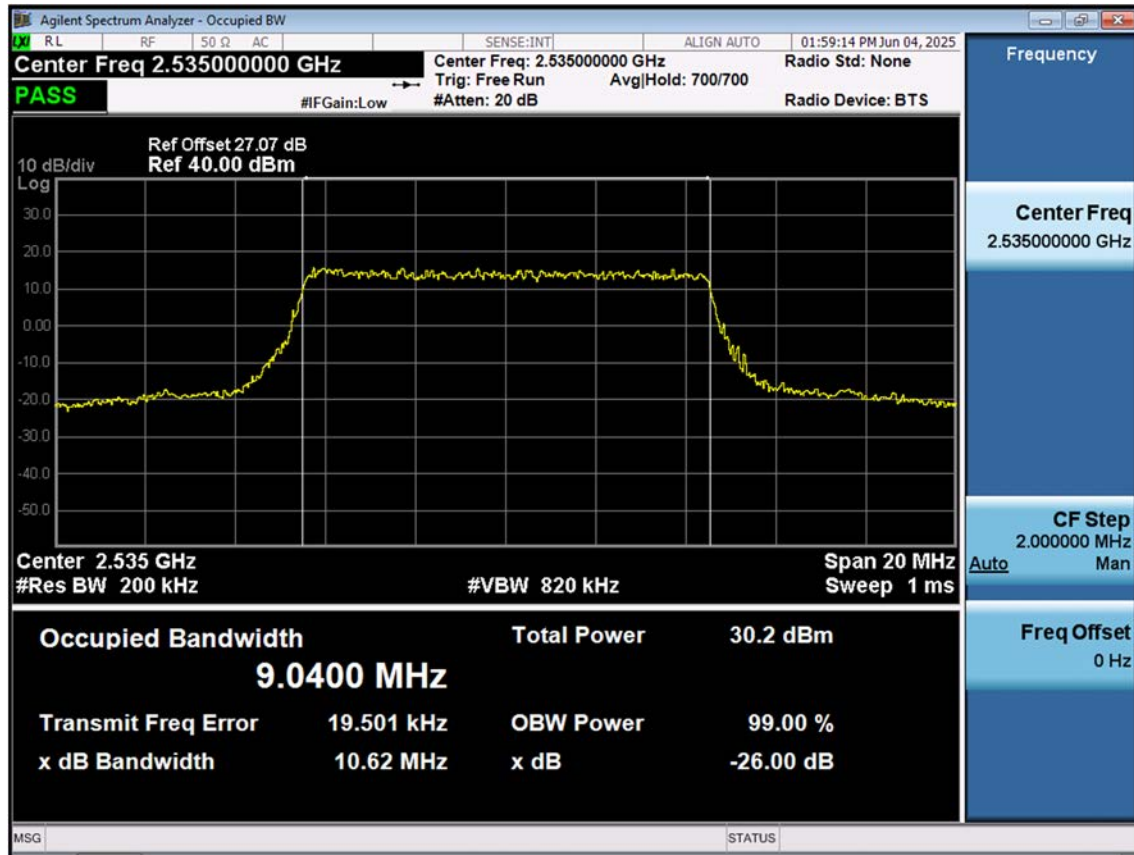
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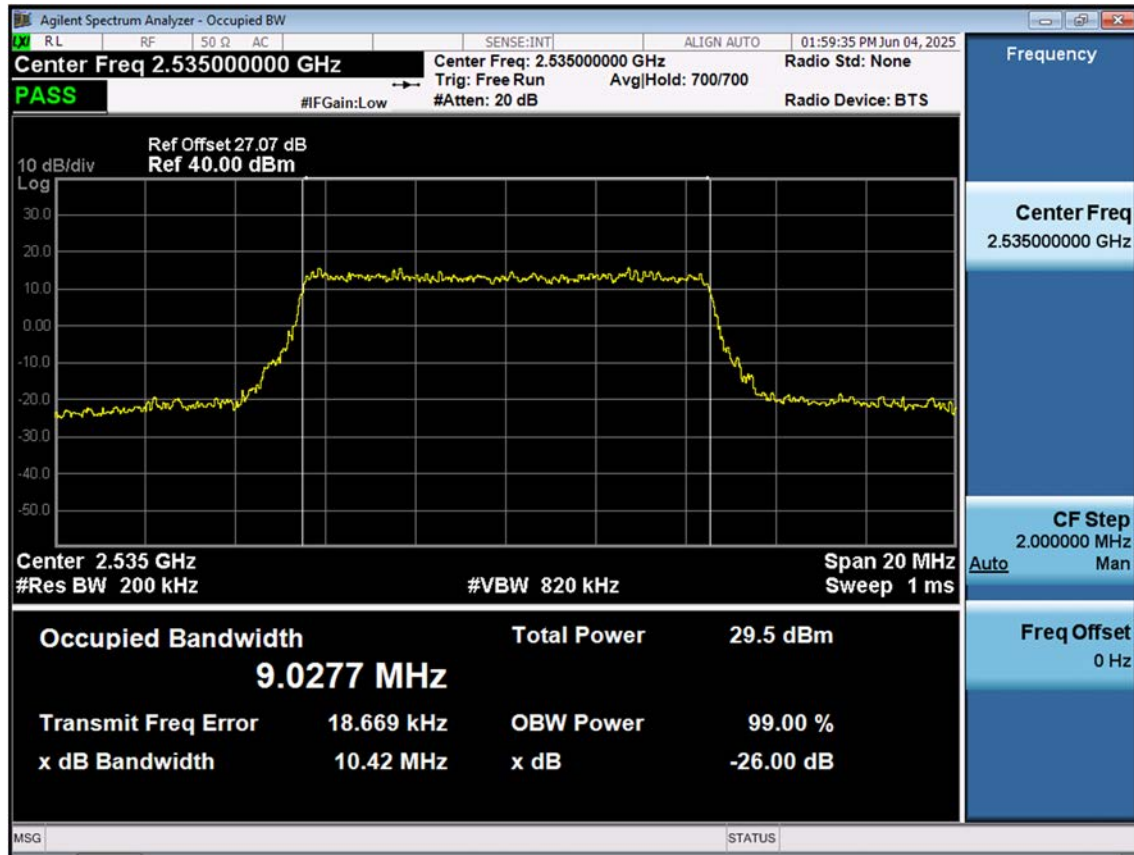
LTE B7_5 M_OBW_Mid_256QAM_FullRB



LTE B7_10 M_OBW_Mid_QPSK_FullRB



LTE B7_10 M_OBW_Mid_16QAM_FullRB



Agilent Spectrum Analyzer - Occupied BW

RL 50 Ω AC SENSE:INT ALIGN AUTO 01:59:55 PM Jun 04, 2025

Center Freq 2.535000000 GHz Radio Std: None

PASS #FGain:Low #Atten: 20 dB Avg|Hold: 700/700 Radio Device: BTS

Ref Offset 27.07 dB
Ref 40.00 dBm

10 dB/div
Log

Center 2.535 GHz
#Res BW 200 kHz #VBW 820 kHz Span 20 MHz
Sweep 1 ms

Occupied Bandwidth		Total Power	
9.0538 MHz		28.4 dBm	
Transmit Freq Error	29.454 kHz	OBW Power	99.00 %
x dB Bandwidth	10.57 MHz	x dB	-26.00 dB

Frequency

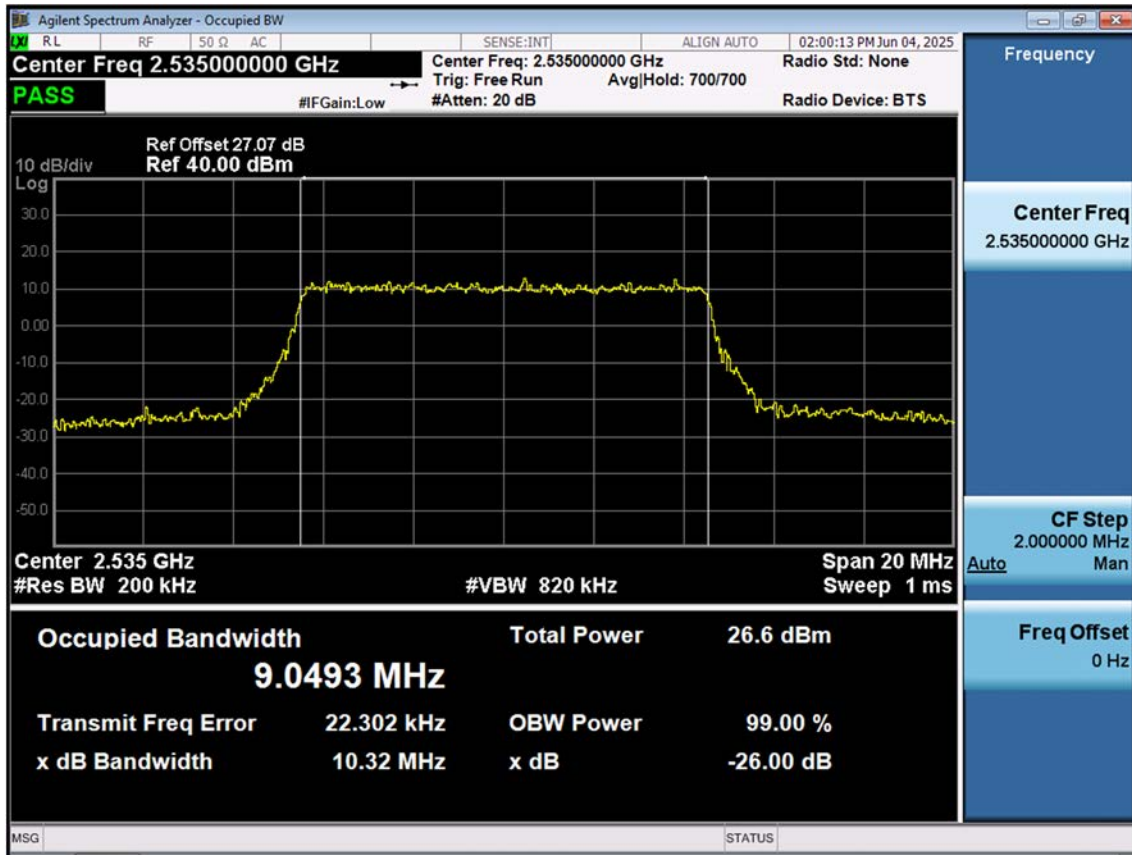
Center Freq
2.535000000 GHz

CF Step
2.000000 MHz

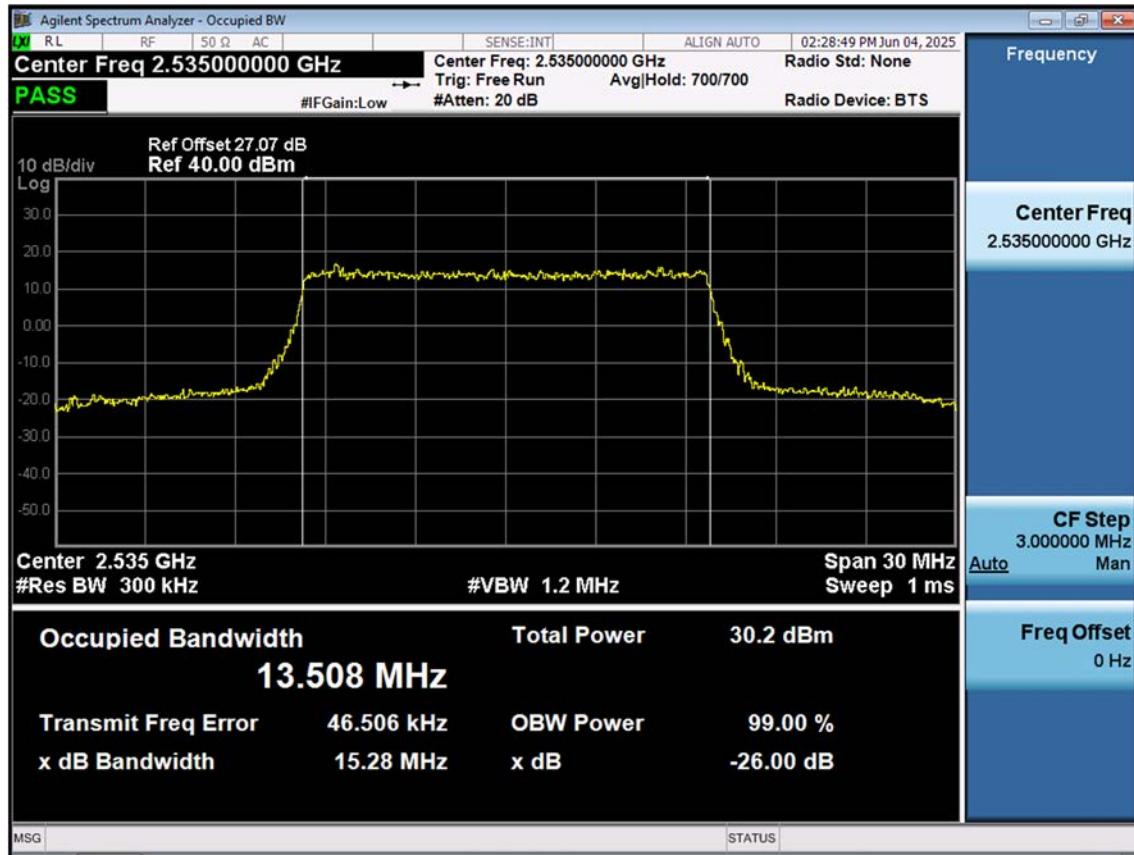
Freq Offset
0 Hz

MSG STATUS

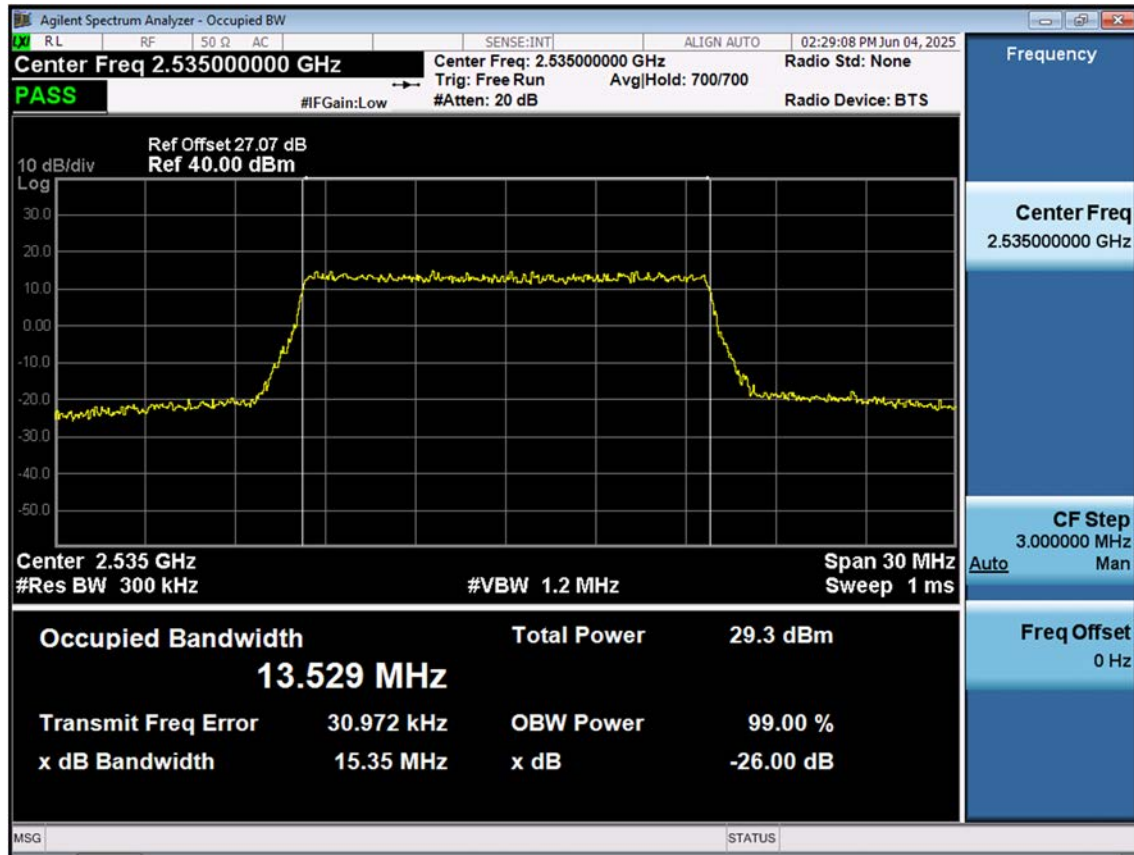
LTE B7_10 M_OBW_Mid_256QAM_FullRB



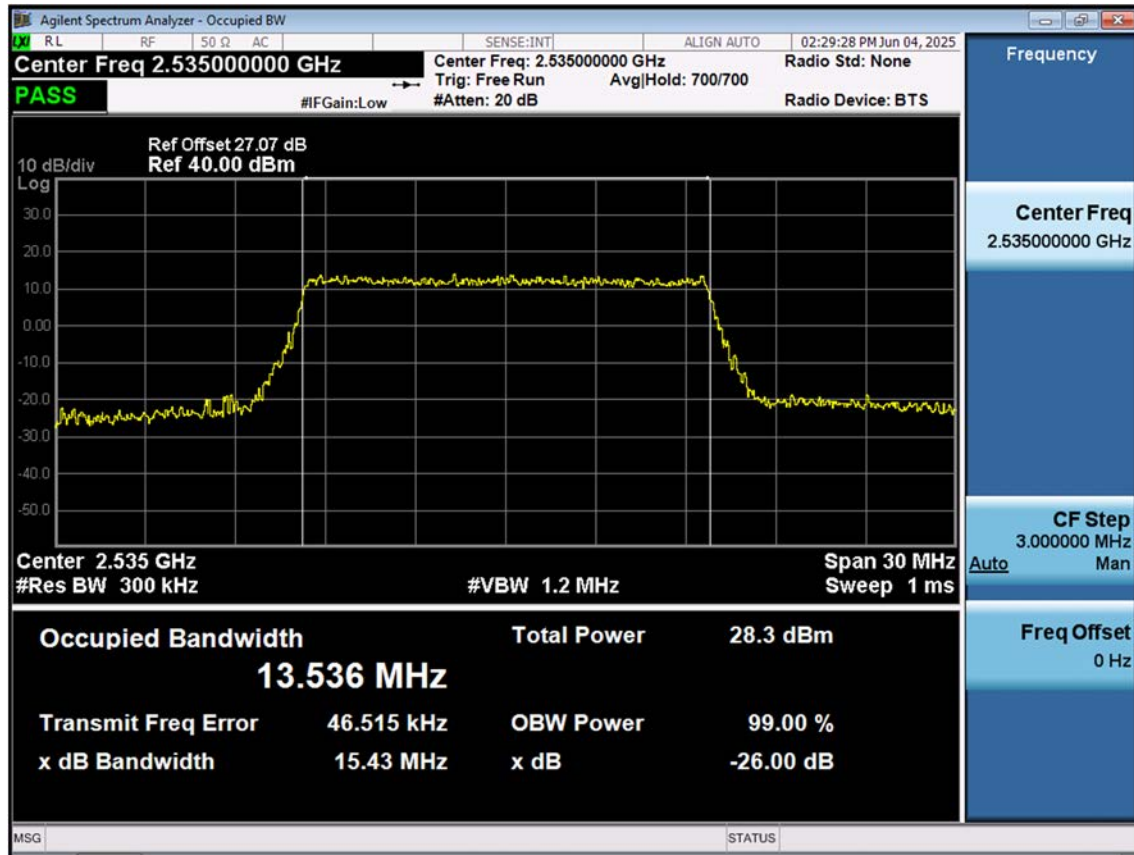
LTE B7_15 M_OBW_Mid_QPSK_FullRB



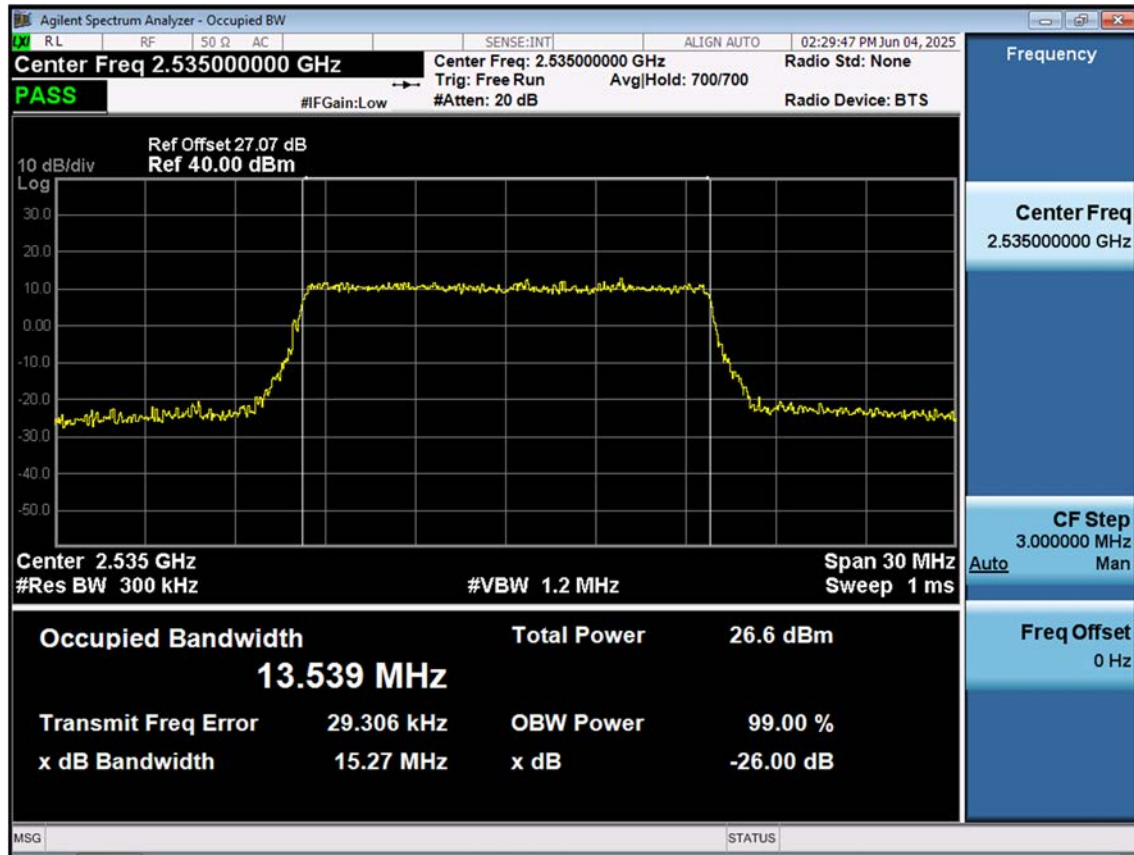
LTE B7_15 M_OBW_Mid_16QAM_FullRB



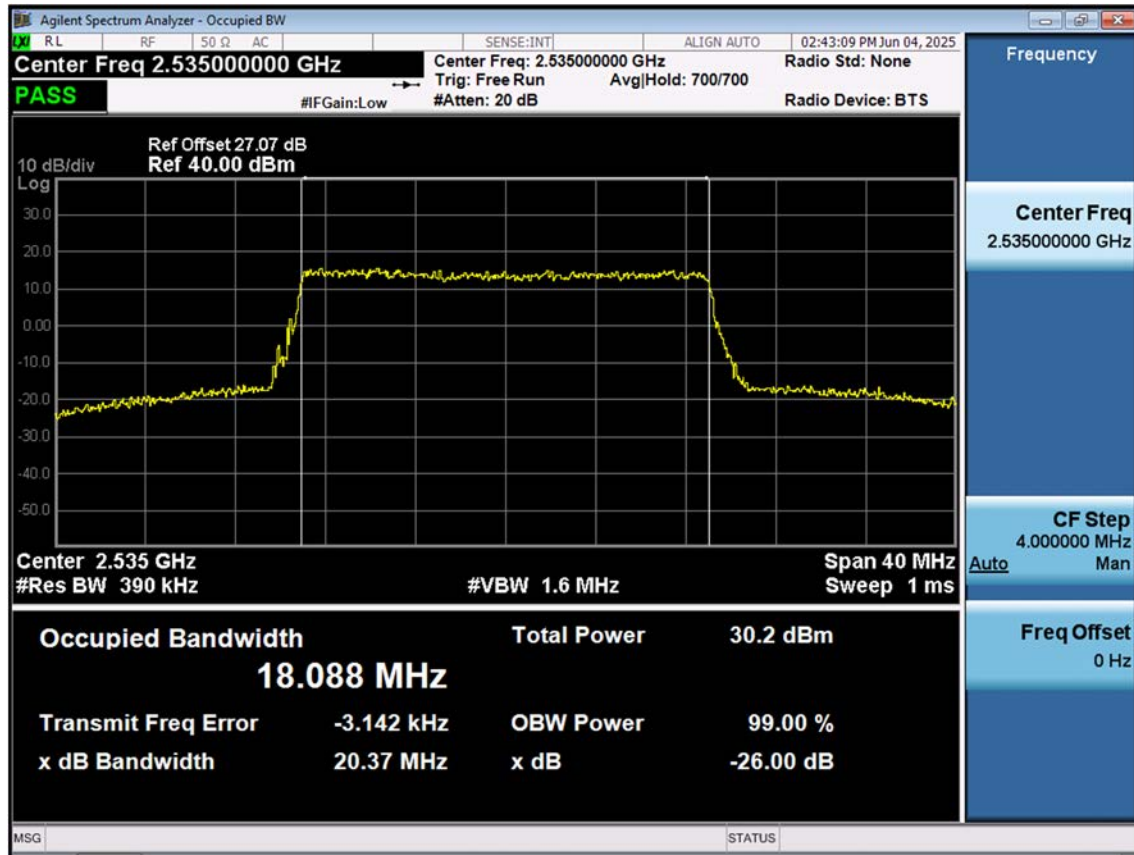
LTE B7_15 M_OBW_Mid_64QAM_FullRB



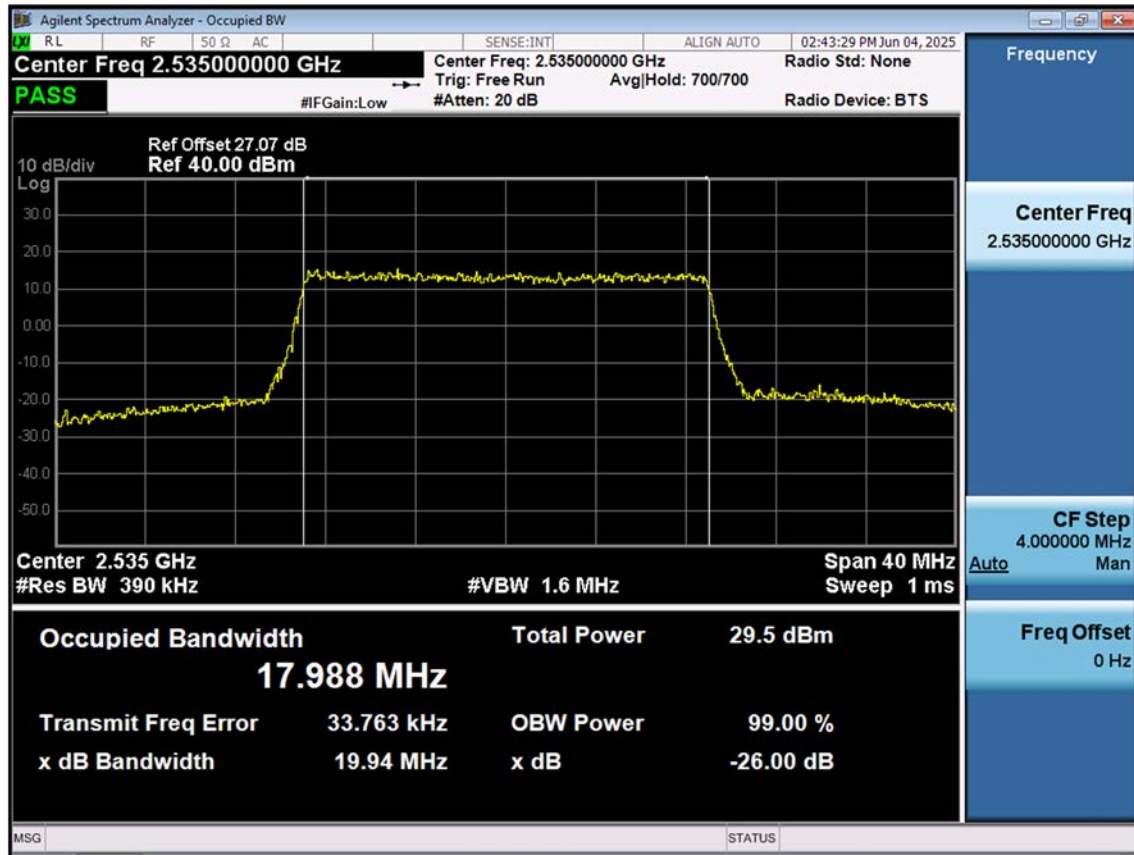
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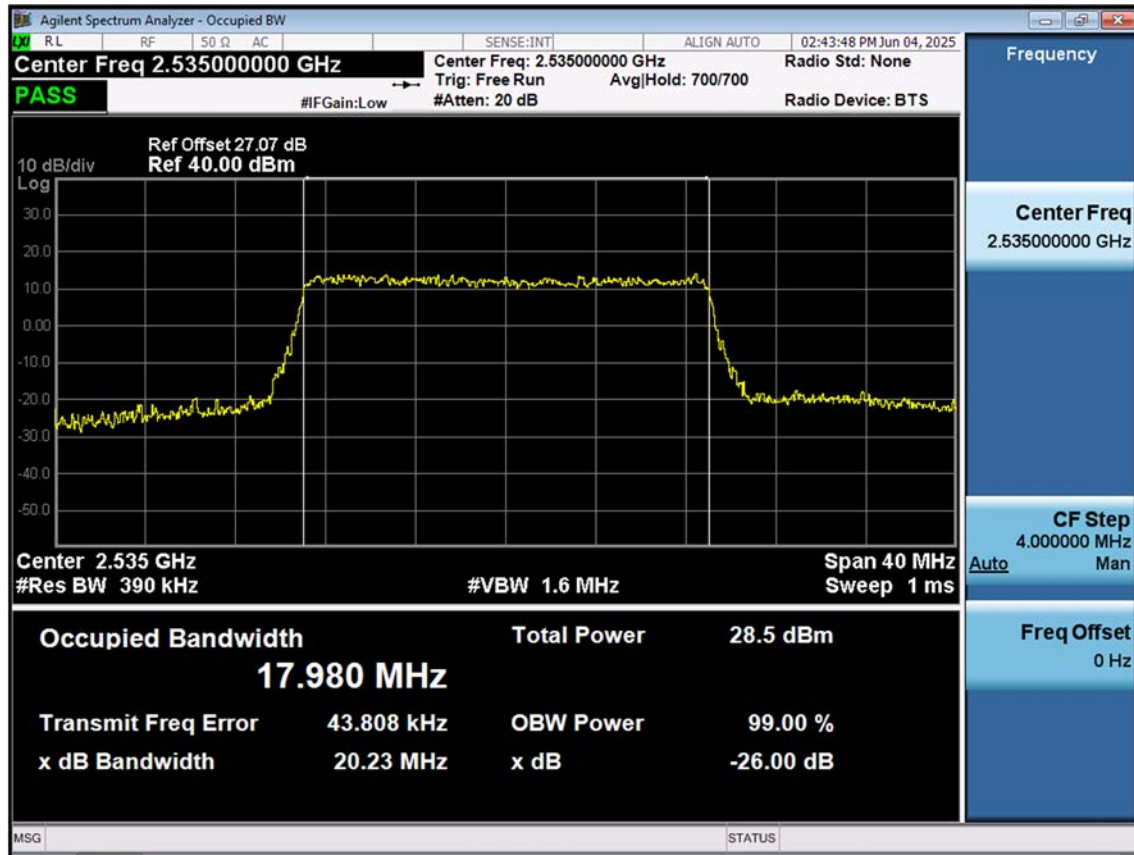
LTE B7_20 M_OBW_Mid_QPSK_FullRB



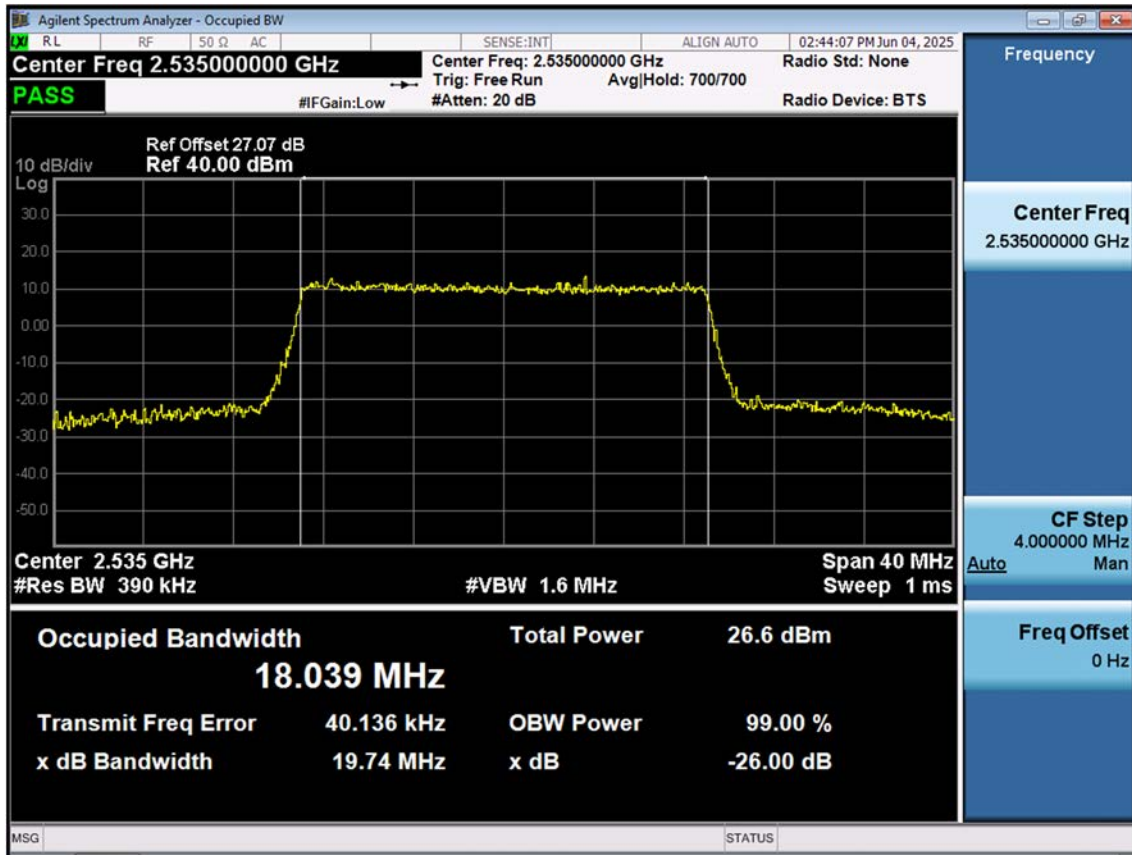
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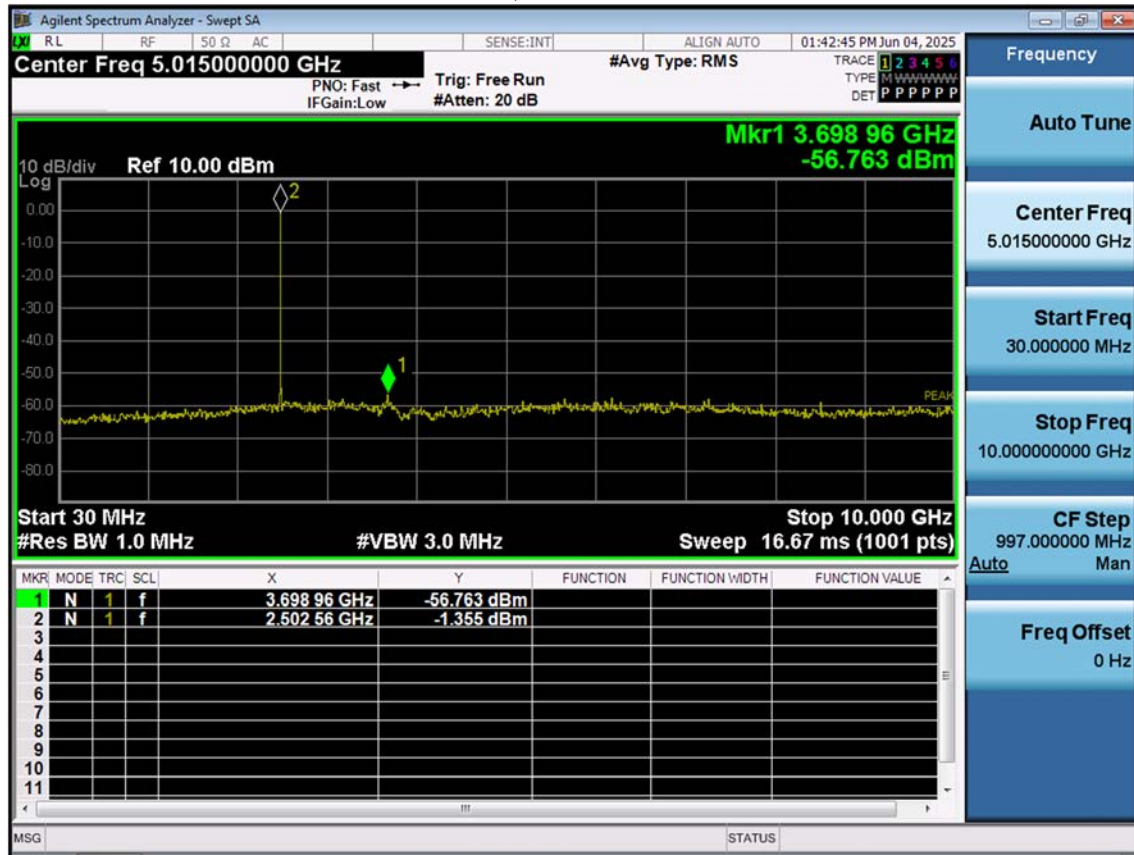
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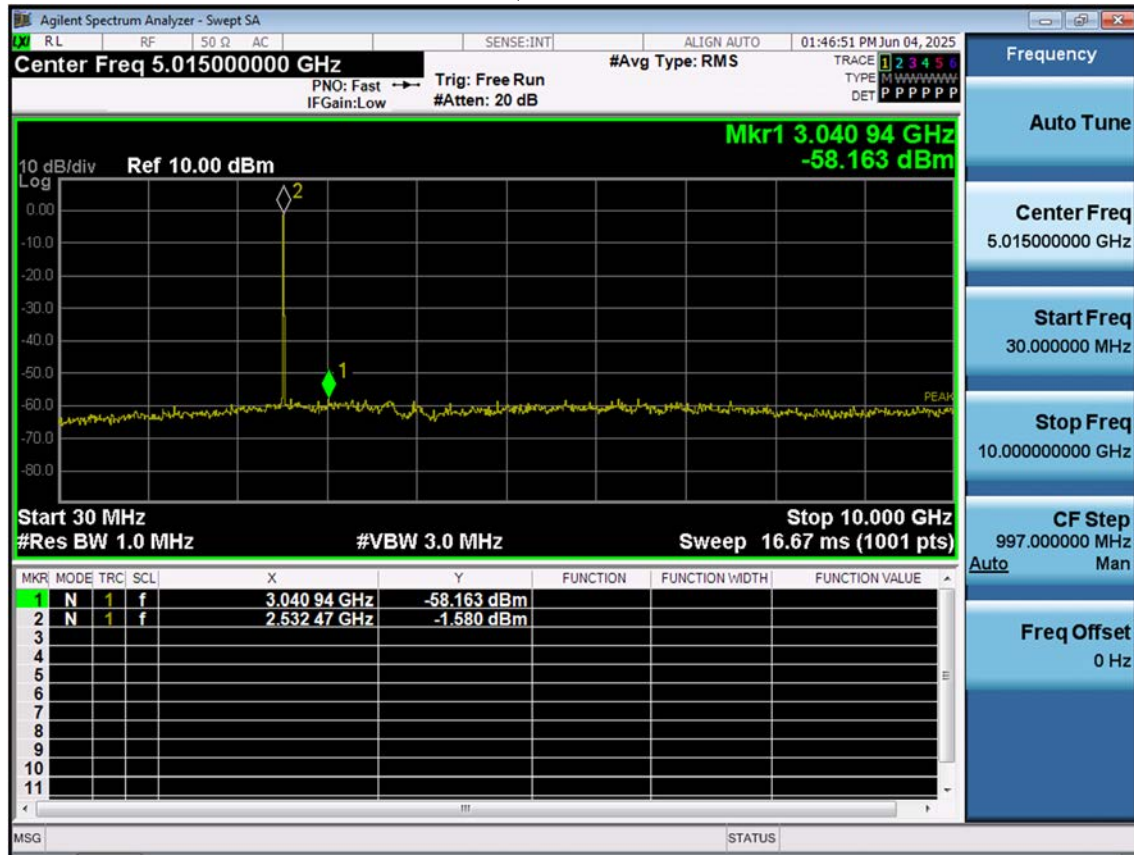
LTE B7_20 M_OBW_Mid_256QAM_FullRB



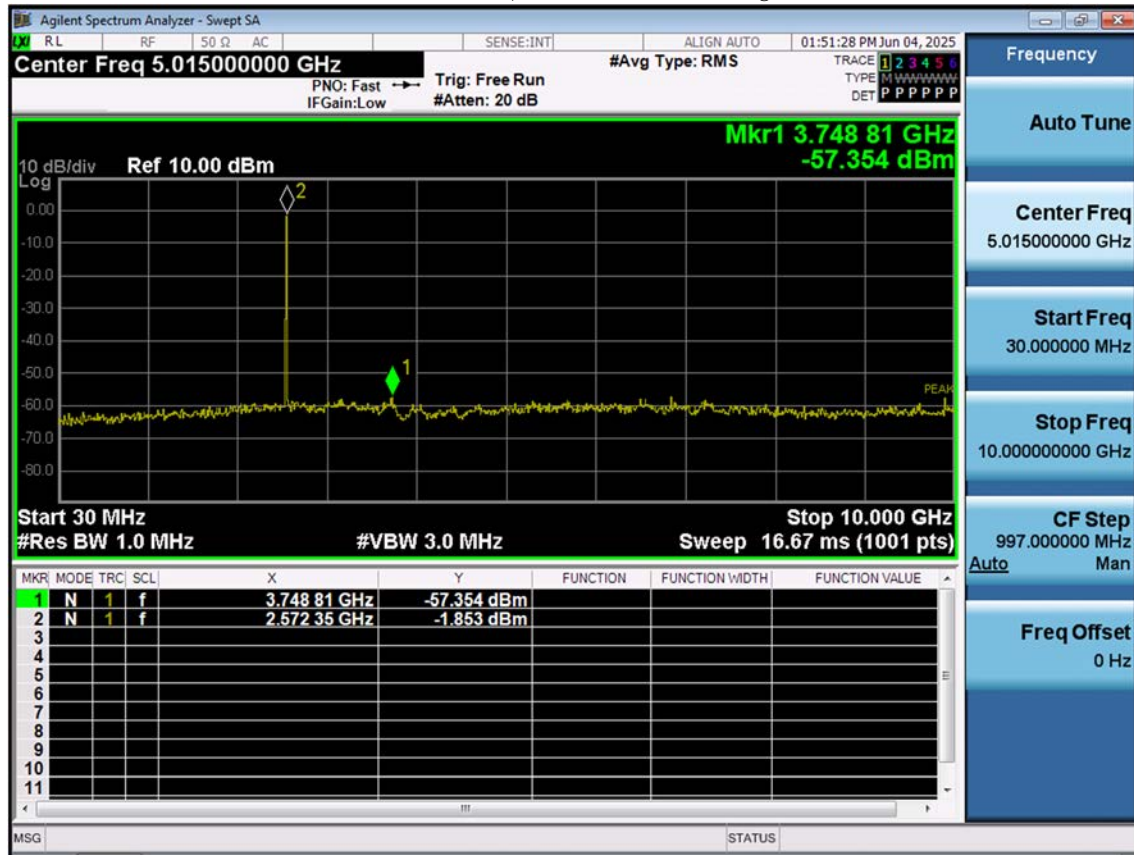
LTE B7_5 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



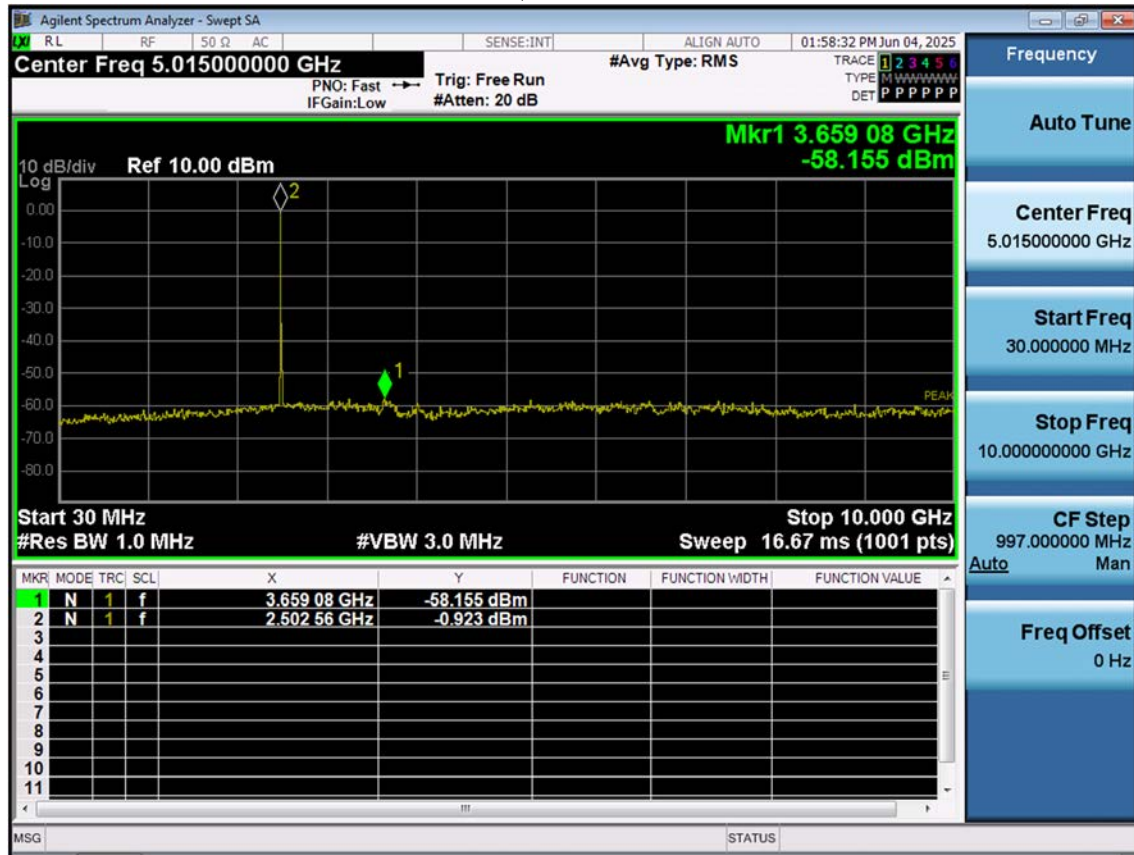
LTE B7_5 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



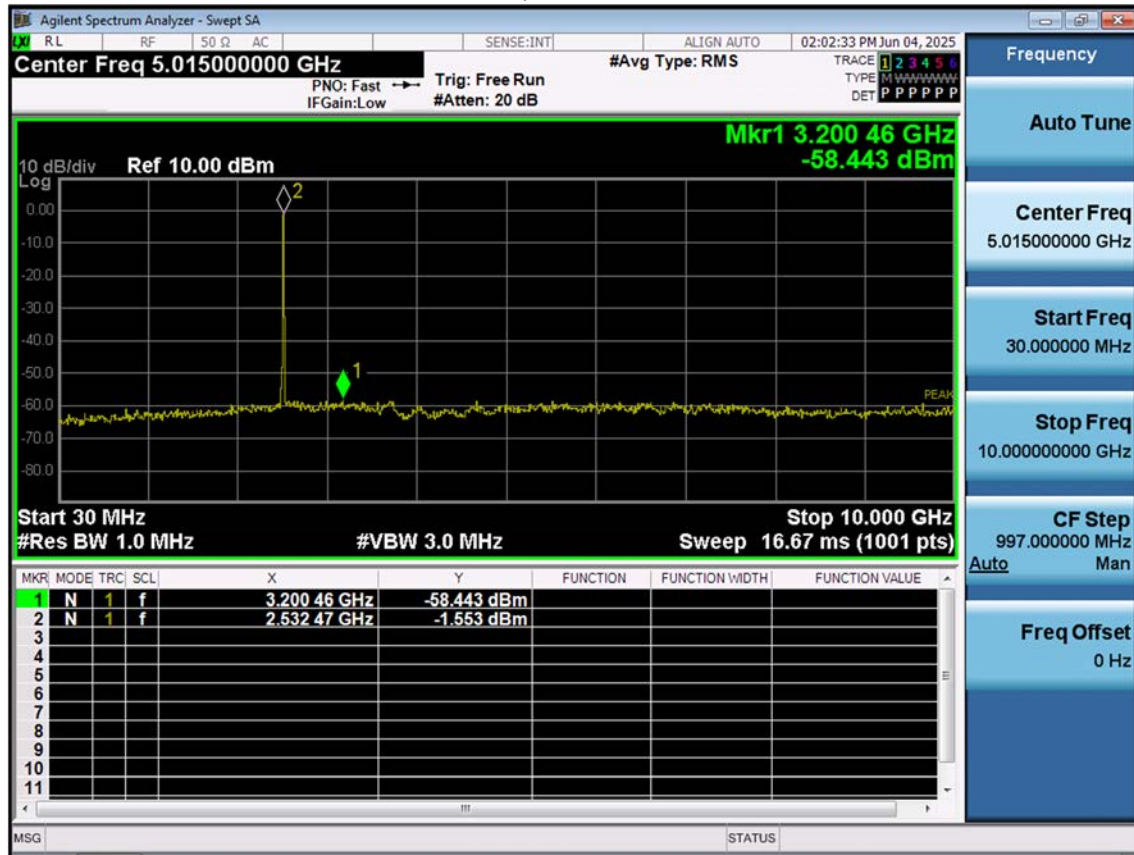
LTE B7_5 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



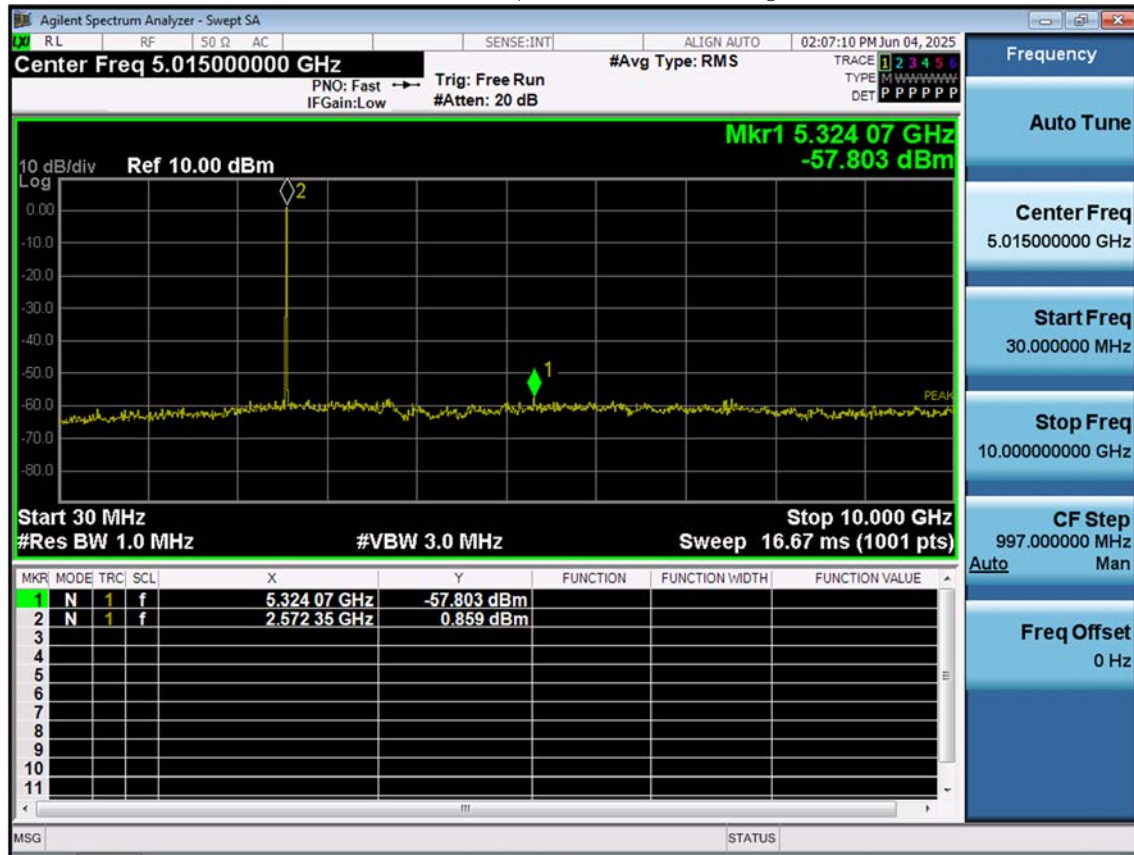
LTE B7_10 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



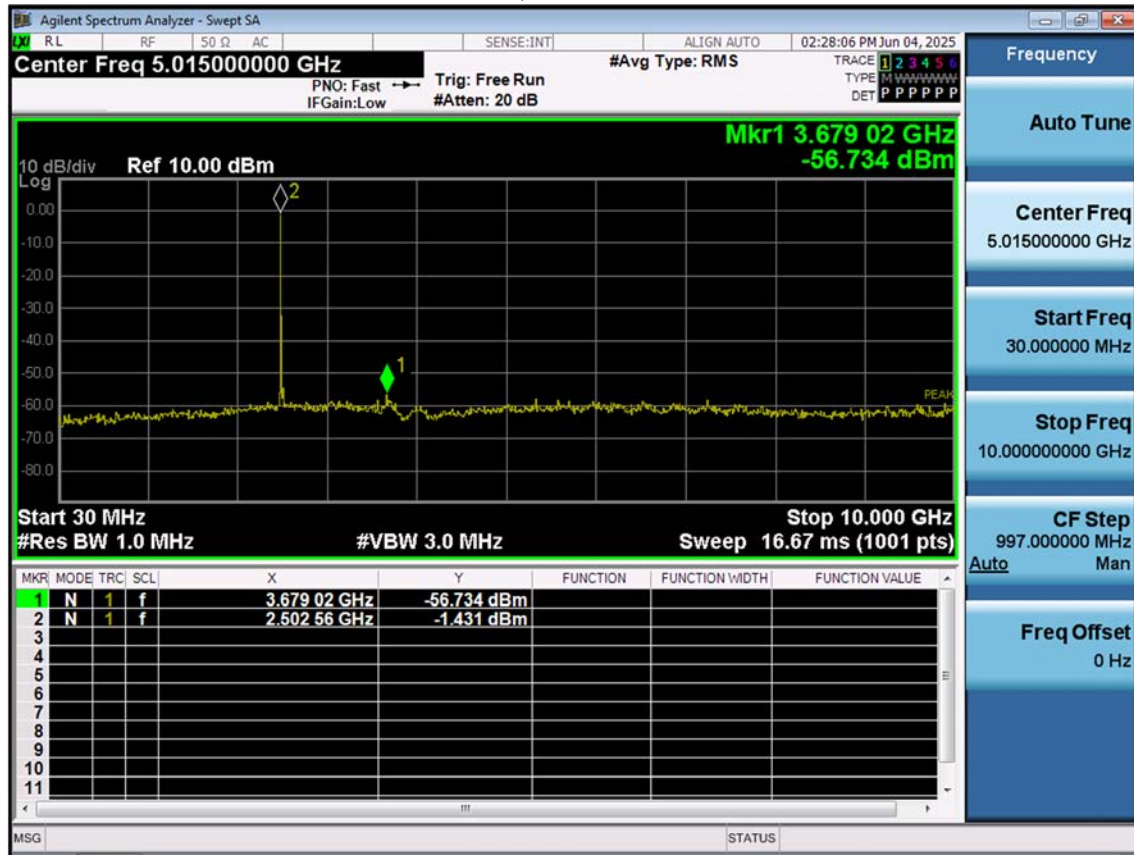
LTE B7_10 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



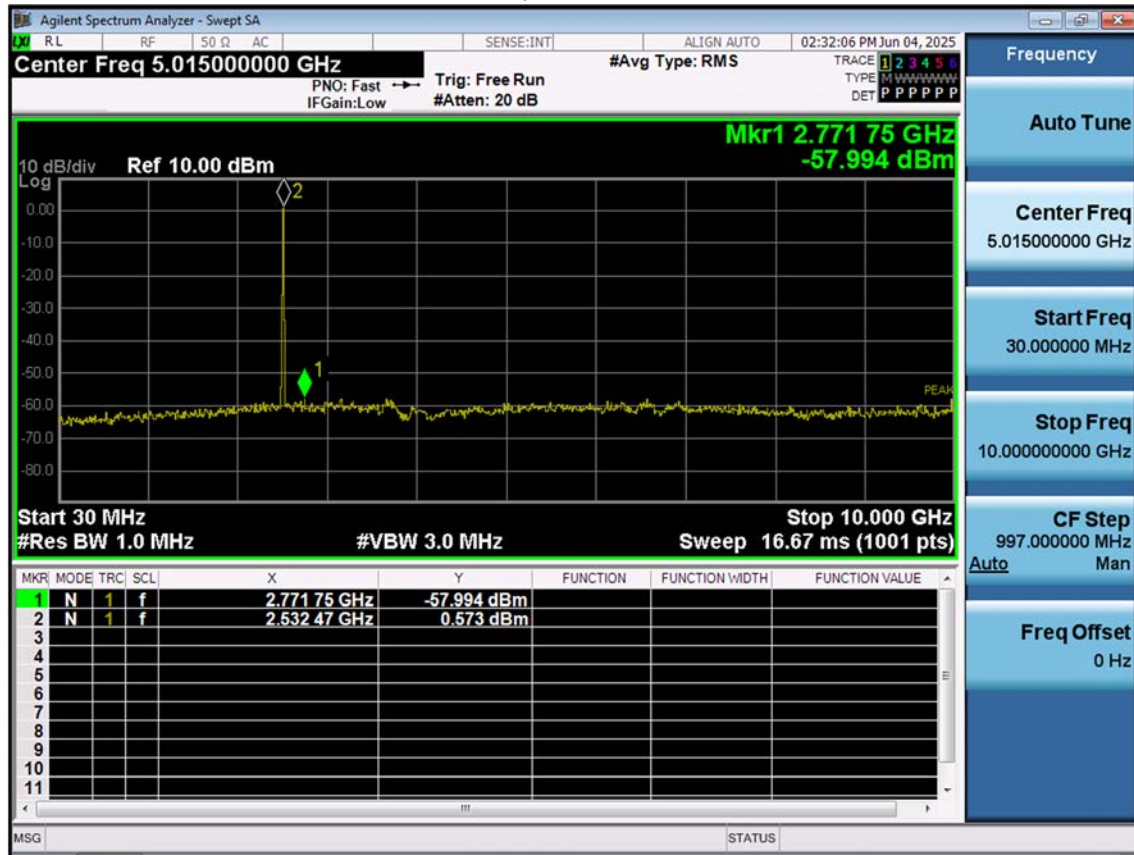
LTE B7_10 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



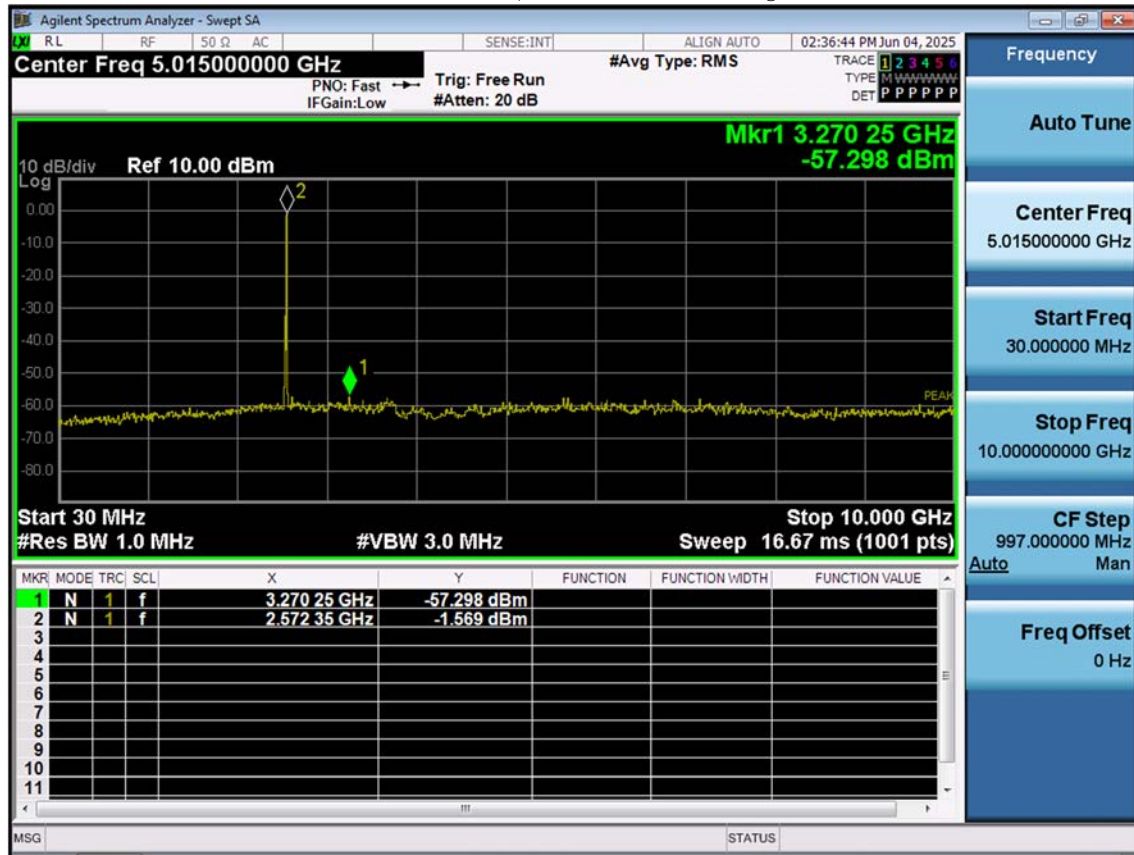
LTE B7_15 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



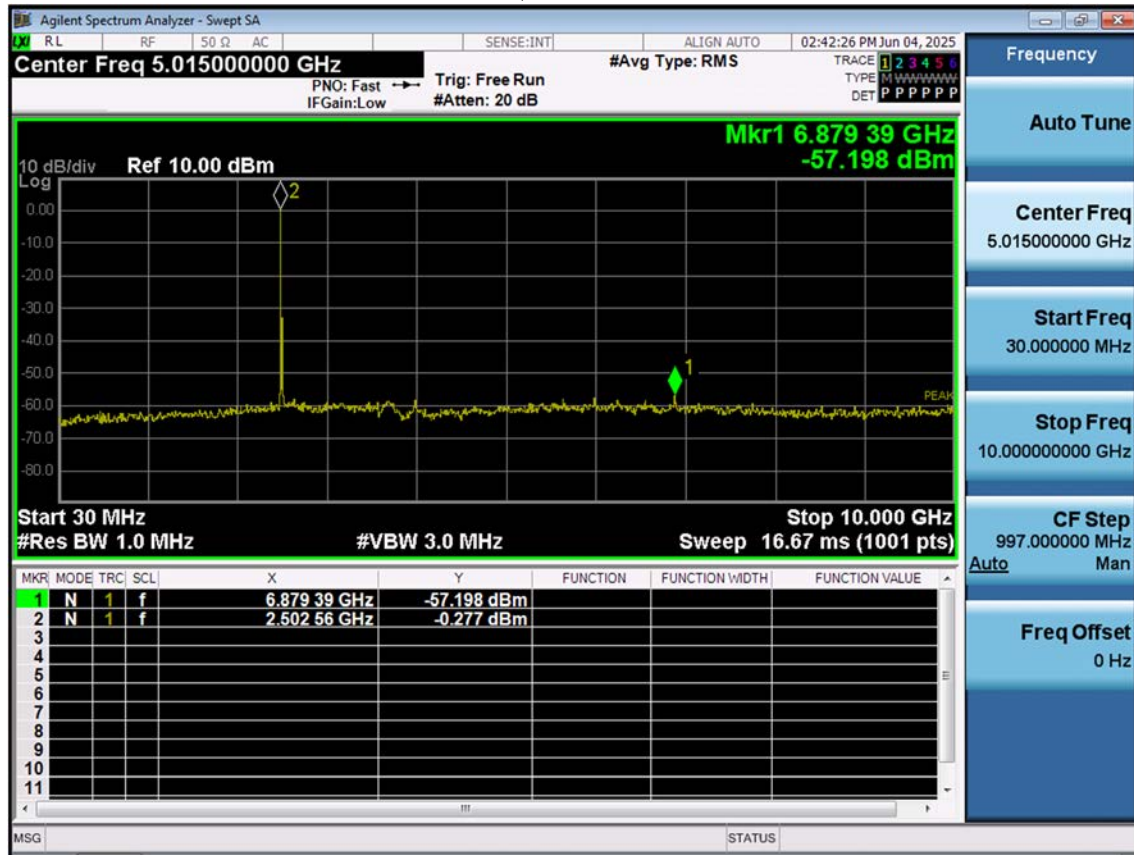
LTE B7_15 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



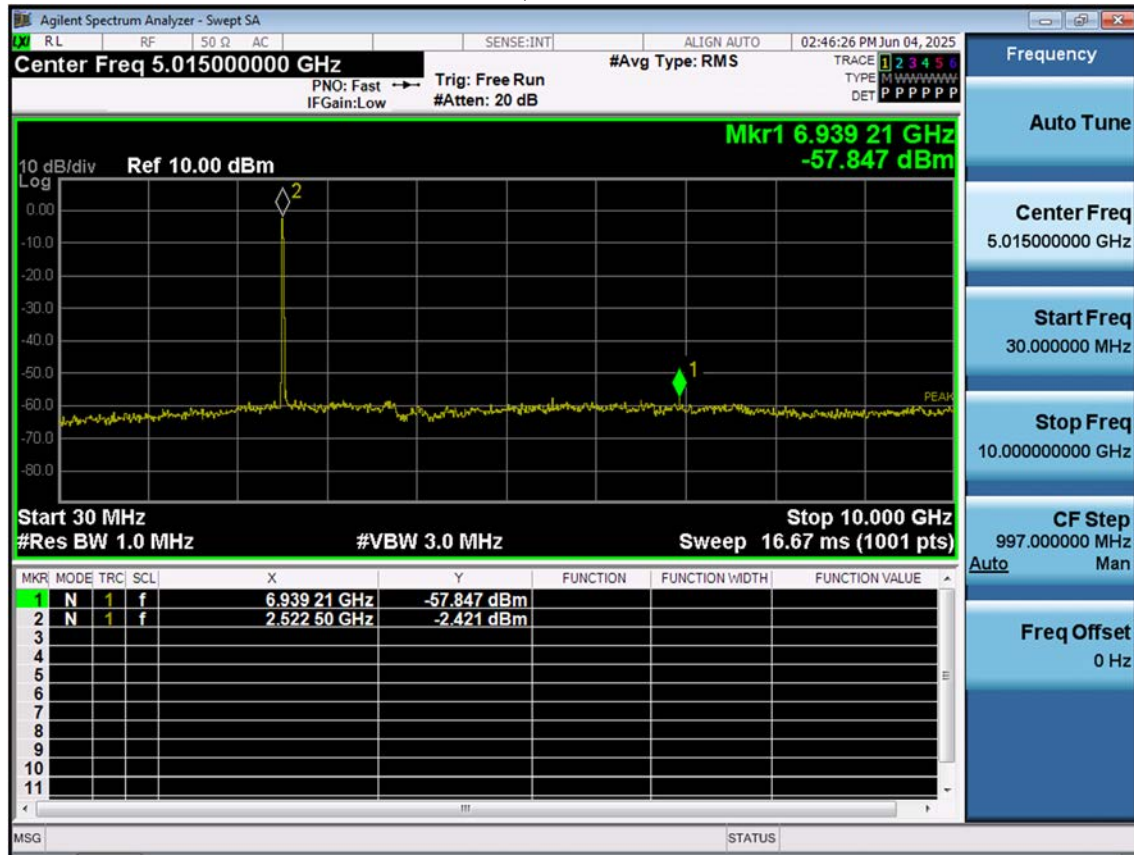
LTE B7_15 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



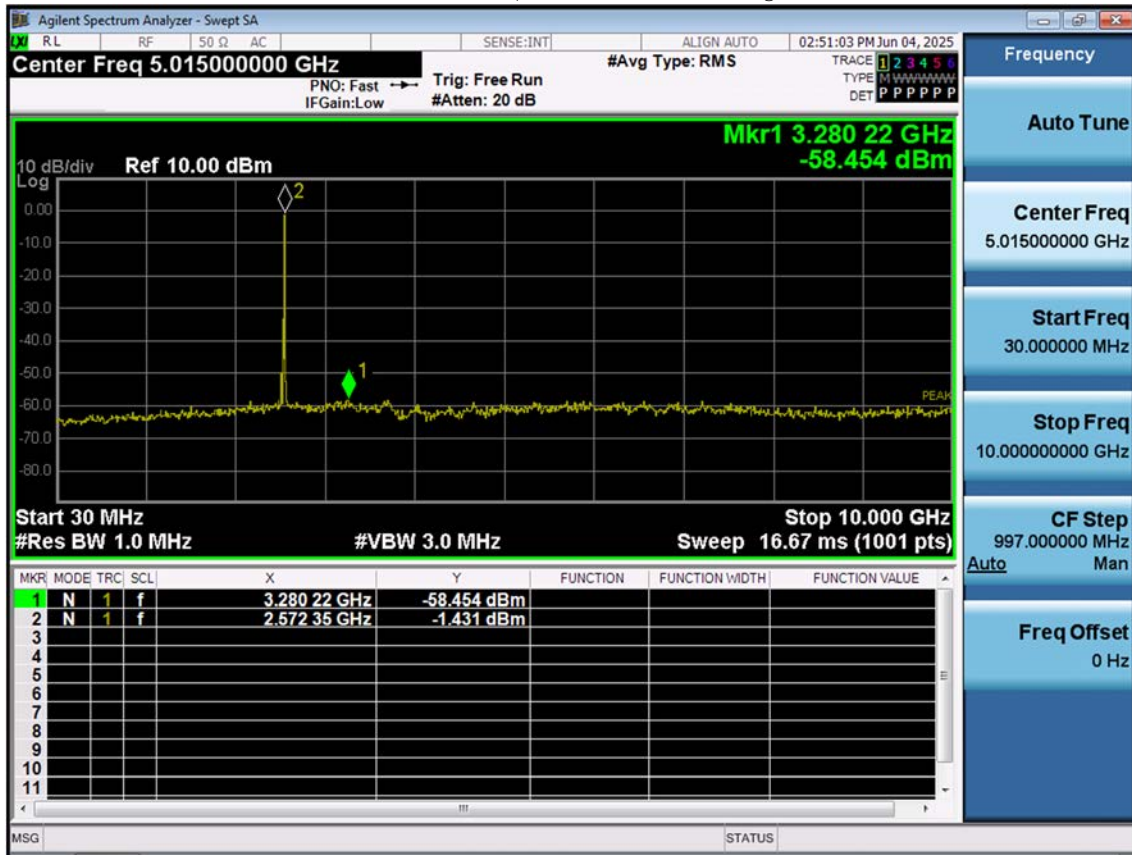
LTE B7_20 M_Conducted Spurious(30 M-10 G)_Low_QPSK_1RB



LTE B7_20 M_Conducted Spurious(30 M-10 G)_Mid_QPSK_1RB



LTE B7_20 M_Conducted Spurious(30 M-10 G)_High_QPSK_1RB



LTE B7_5 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



LTE B7_5 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB



LTE B7_5 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



LTE B7_10 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 02:02:45 PM Jun 04, 2025

Center Freq 18.50000000 GHz #Avg Type: RMS

PNO: Fast Trg: Free Run

IFGain:High #Atten: 0 dB

TRACE 1 2 3 4 5 6

TYPE M M M M M M M M

DET P P P P P P

10 dB/div Ref -20.00 dBm

Log

Mkr1 26.184 GHz -66.952 dBm

1 PEAK

Start 10.000 GHz Stop 27.000 GHz

#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 42.53 ms (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq 18.50000000 GHz

Start Freq 10.00000000 GHz

Stop Freq 27.00000000 GHz

CF Step 1.70000000 GHz

Auto Man

Freq Offset 0 Hz

LTE B7_10 M_Conducted Spurious(Above10 G)_High_QPSK_1RB



LTE B7_15 M_Conducted Spurious(Above10 G)_Low_QPSK_1RB



LTE B7_15 M_Conducted Spurious(Above10 G)_Mid_QPSK_1RB

