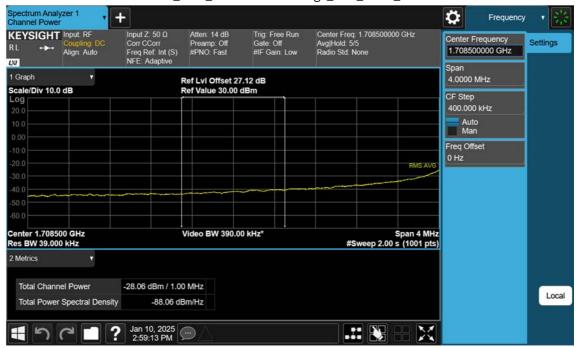




NR66_30 M_Band Edge_Low_BPSK_FullRB

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NR66_30 M_Extended Band Edge_Low_BPSK_FullRB

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NR66_30 M_Band Edge_High_BPSK_1RB

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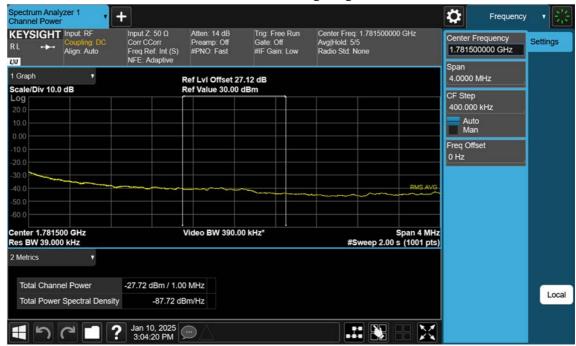




NR66_30 M_Band Edge_High_BPSK_FullRB

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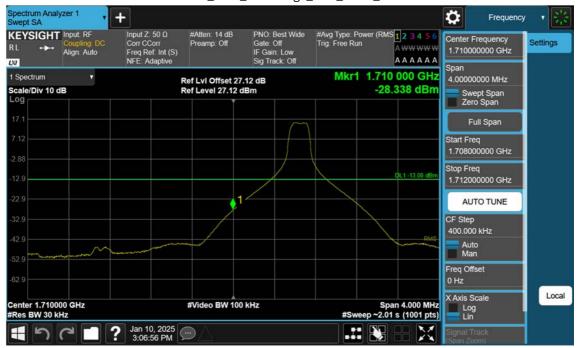




NR66_30 M_Extended Band Edge_High_BPSK_FullRB

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NR66_40 M_Band Edge_Low_BPSK_1RB

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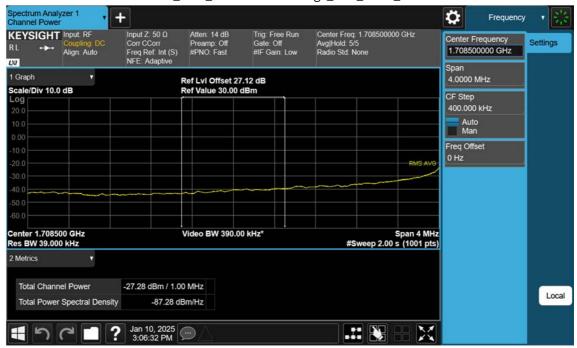




NR66_40 M_Band Edge_Low_BPSK_FullRB

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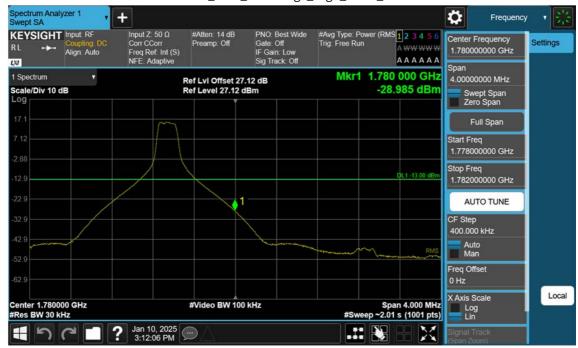




NR66_40 M_Extended Band Edge_Low_BPSK_FullRB

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NR66_40 M_Band Edge_High_BPSK_1RB

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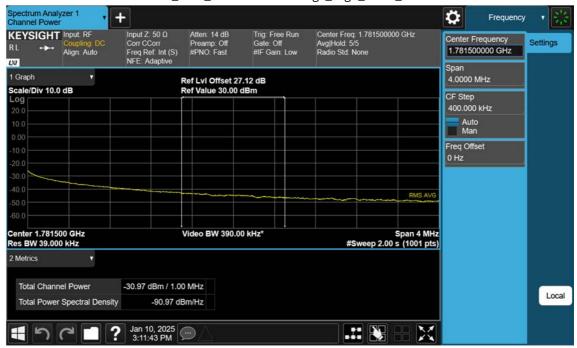




NR66_40 M_Band Edge_High_BPSK_FullRB

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NR66_40 M_Extended Band Edge_High_BPSK_FullRB

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11. TEST PLOTS (Sub 2 ANT)

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pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 40.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.73 dBm Freq Offset 0 Hz 53.84 % at 0 dB 10.0 % 2.00 dB 1.0 % 3.57 dB 0.1 % 4.23 dB 0.01 % 4.75 dB 0.001 % 5.07 dB 0.0001 % 5.16 dB 5.26 dB Peak 28.99 dBm Local 0.00 dB Info BW 5.0000 MHz 20.00 dB

NR66_5 M_PAR_Mid_BPSK_FullRB

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NR66_5 M_PAR_Mid_QPSK_FullRB

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NR66_5 M_PAR_Mid_16QAM_FullRB

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NR66_5 M_PAR_Mid_64QAM_FullRB

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NR66_5 M_PAR_Mid_256QAM_FullRB

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pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 5.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.92 dBm Freq Offset 0 Hz 49.43 % at 0 dB 10.0 % 1.92 dB 1.0 % 3.24 dB 0.1 % 4.12 dB 0.01 % 4.67 dB 0.001 % 4.98 dB 0.0001 % 5.13 dB 5.18 dB Peak 29.10 dBm Local 0.00 dB Info BW 10.000 MHz 20.00 dB 1 5 C 2 3an 09, 2025 5 3:15:12 PM

NR66_10 M_PAR_Mid_BPSK_FullRB

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pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 10.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.42 dBm Freq Offset 0 Hz 48.47 % at 0 dB 10.0 % 2.34 dB 1.0 % 4.15 dB 0.1 % 5.17 dB 0.01 % 5.75 dB 0.001 % 6.10 dB 0.0001 % 6.36 dB 6.44 dB Peak 29.86 dBm Local 0.00 dB Info BW 10.000 MHz 20.00 dB

NR66_10 M_PAR_Mid_QPSK_FullRB

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NR66_10 M_PAR_Mid_16QAM_FullRB

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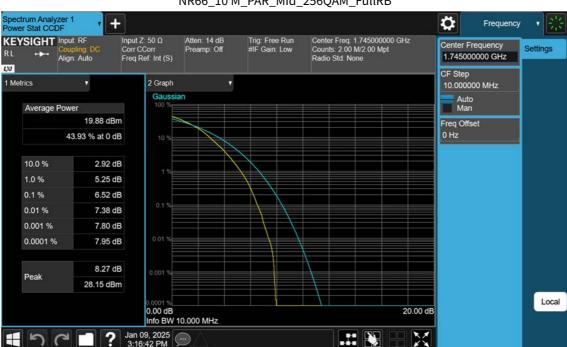




NR66_10 M_PAR_Mid_64QAM_FullRB

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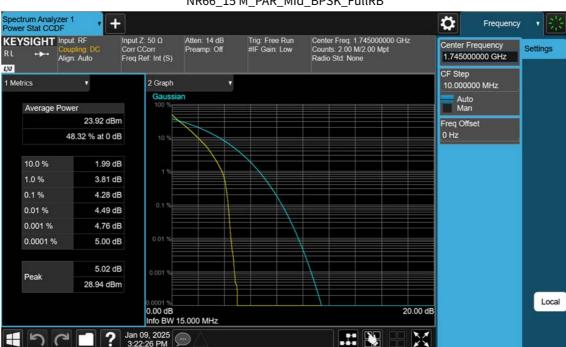




NR66_10 M_PAR_Mid_256QAM_FullRB

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NR66_15 M_PAR_Mid_BPSK_FullRB

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pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 15.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.42 dBm Freq Offset 0 Hz 47.19 % at 0 dB 10.0 % 2.55 dB 1.0 % 4.27 dB 0.1 % 5.09 dB 0.01 % 5.63 dB 0.001 % 5.99 dB 0.0001 % 6.33 dB 6.35 dB Peak 29.77 dBm Local 0.00 dB Info BW 15.000 MHz 20.00 dB 4 5 C 7 Jan 09, 2025 3:22:48 PM

NR66_15 M_PAR_Mid_QPSK_FullRB

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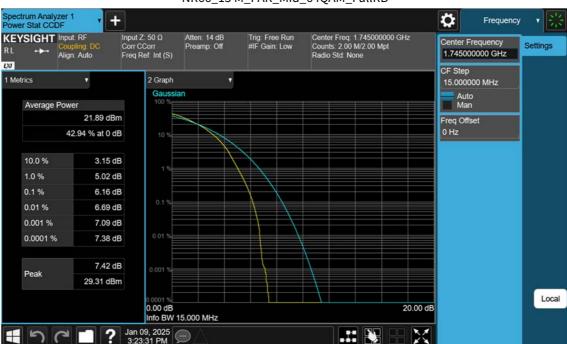




NR66_15 M_PAR_Mid_16QAM_FullRB

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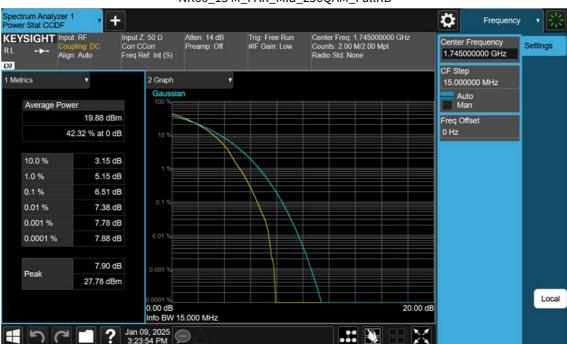




NR66_15 M_PAR_Mid_64QAM_FullRB

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NR66_15 M_PAR_Mid_256QAM_FullRB

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4 5 C 7 Jan 09, 2025 3:29:40 PM

pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 15.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.92 dBm Freq Offset 0 Hz 49.63 % at 0 dB 10.0 % 1.73 dB 1.0 % 3.25 dB 0.1 % 4.01 dB 0.01 % 4.49 dB 0.001 % 4.93 dB 0.0001 % 5.12 dB 5.17 dB Peak 29.09 dBm Local 0.00 dB Info BW 20.000 MHz 20.00 dB

NR66_20 M_PAR_Mid_BPSK_FullRB

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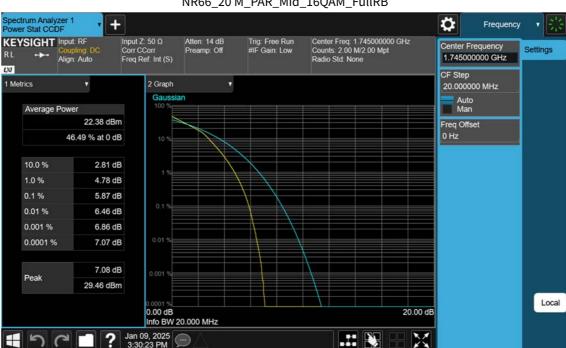


pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 20.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.41 dBm Freq Offset 0 Hz 48.70 % at 0 dB 10.0 % 2.22 dB 1.0 % 4.10 dB 5.11 dB 0.1 % 0.01 % 5.66 dB 0.001 % 5.96 dB 0.0001 % 6.18 dB 6.34 dB Peak 29.75 dBm Local 0.00 dB Info BW 20.000 MHz 20.00 dB

NR66_20 M_PAR_Mid_QPSK_FullRB

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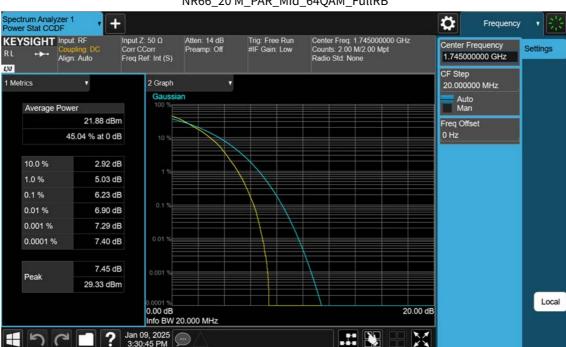




NR66_20 M_PAR_Mid_16QAM_FullRB

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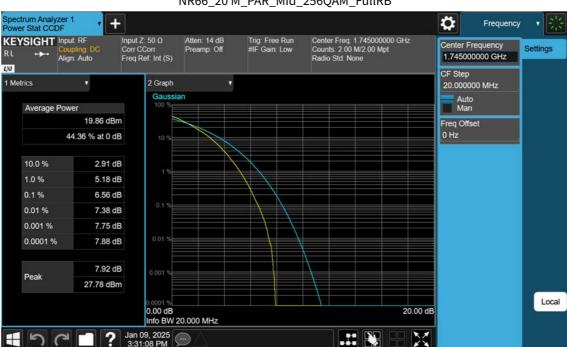




NR66_20 M_PAR_Mid_64QAM_FullRB

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NR66_20 M_PAR_Mid_256QAM_FullRB

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1 9 C 2 3:37:15 PM

NR66_25 M_PAR_Mid_QPSK_FullRB pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 25.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.35 dBm Freq Offset 0 Hz 45.72 % at 0 dB 10.0 % 2.57 dB 1.0 % 4.35 dB 0.1 % 5.18 dB 0.01 % 5.78 dB 0.001 % 6.15 dB 0.0001 % 6.32 dB 6.69 dB Peak 30.04 dBm Local 0.00 dB Info BW 25.000 MHz 20.00 dB

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NR66_25 M_PAR_Mid_16QAM_FullRB

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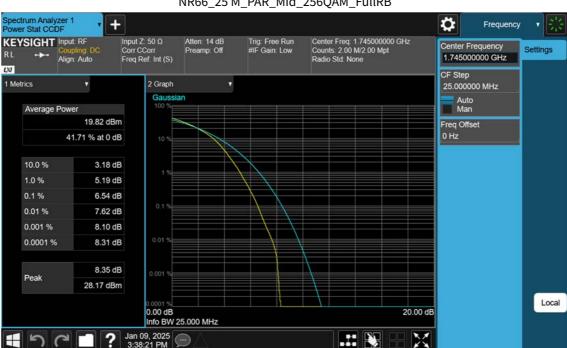




NR66_25 M_PAR_Mid_64QAM_FullRB

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NR66_25 M_PAR_Mid_256QAM_FullRB

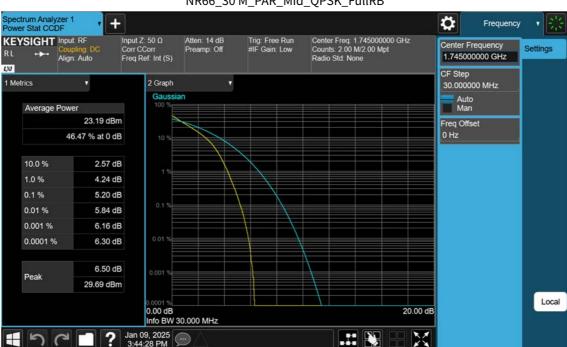
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NR66_30 M_PAR_Mid_BPSK_FullRB pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 25.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.69 dBm Freq Offset 0 Hz 47.21 % at 0 dB 10.0 % 2.05 dB 1.0 % 3.66 dB 0.1 % 4.32 dB 0.01 % 4.71 dB 0.001 % 5.11 dB 0.0001 % 5.28 dB 5.45 dB Peak 29.14 dBm Local 0.00 dB Info BW 30.000 MHz 20.00 dB

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NR66_30 M_PAR_Mid_QPSK_FullRB

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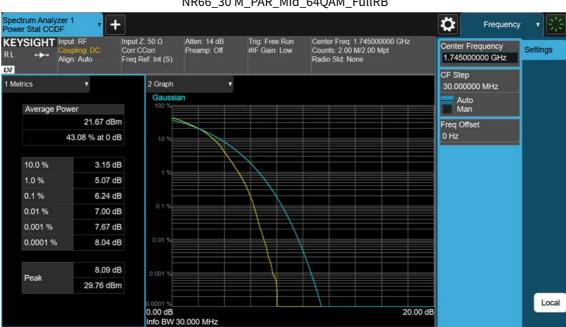


NR66_30 M_PAR_Mid_16QAM_FullRB

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4 5 C 7 Jan 09, 2025 3:45:12 PM



NR66_30 M_PAR_Mid_64QAM_FullRB

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NR66_30 M_PAR_Mid_256QAM_FullRB

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NR66_40 M_PAR_Mid_BPSK_FullRB

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pectrum Analyzer 1 ower Stat CCDF ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq. 1.745000000 GHz Counts: 2.00 M/2.00 Mpt Radio Std: None KEYSIGHT Input RF Atten: 14 dB Preamp: Off Center Frequency 1.745000000 GHz Settings R L CF Step 40.000000 MHz 1 Metrics 2 Graph Auto Man Average Power 23.05 dBm Freq Offset 0 Hz 46.98 % at 0 dB 10.0 % 2.35 dB 1.0 % 4.22 dB 0.1 % 5.28 dB 0.01 % 5.86 dB 0.001 % 6.22 dB 0.0001 % 6.45 dB 6.51 dB Peak 29.56 dBm Local 0.00 dB Info BW 40.000 MHz 20.00 dB 4 5 C 7 Jan 09, 2025 3:51:46 PM

NR66_40 M_PAR_Mid_QPSK_FullRB

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NR66_40 M_PAR_Mid_16QAM_FullRB

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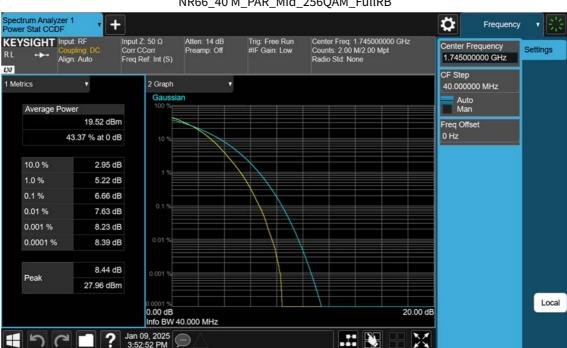




NR66_40 M_PAR_Mid_64QAM_FullRB

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NR66_40 M_PAR_Mid_256QAM_FullRB

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NR66_5 M_OBW_Mid_BPSK_FullRB

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NR66_5 M_OBW_Mid_QPSK_FullRB

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NR66_5 M_OBW_Mid_16QAM_FullRB

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NR66_5 M_OBW_Mid_64QAM_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 10.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 1.000000 MHz Auto Man Freq Offset 0 Hz Span 10 MHz Sweep 16.7 ms (1001 pts) #Video BW 390.00 kHz Center 1.745000 GHz 2 Metrics Occupied Bandwidth 4.5373 MHz Total Power 28.1 dBm Transmit Freq Error x dB Bandwidth -29.883 kHz 99.00 % -26.00 dB % of OBW Power Local 3:09:21 PM

NR66_5 M_OBW_Mid_256QAM_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 20.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 200.00 kHz Span 20 MHz Sweep 1.00 ms (1001 pts) #Video BW 820.00 kHz 2 Metrics Occupied Bandwidth 8.9952 MHz Total Power 32.1 dBm Transmit Freq Error x dB Bandwidth -184.39 kHz 99.00 % -26.00 dB % of OBW Power 9.819 MHz Local 3:15:05 PM

NR66_10 M_OBW_Mid_BPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LNI PASS 1 Graph 20.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 200.00 kHz Span 20 MHz Sweep 1.00 ms (1001 pts) #Video BW 820.00 kHz 2 Metrics Occupied Bandwidth 9.0171 MHz Total Power 31.8 dBm Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB -186.04 kHz % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:15:27 PM

NR66_10 M_OBW_Mid_QPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 20.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 200.00 kHz Span 20 MHz Sweep 1.00 ms (1001 pts) #Video BW 820.00 kHz 2 Metrics Occupied Bandwidth 8.9970 MHz Total Power 30.6 dBm -192.09 kHz 10.10 MHz Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB % of OBW Power Local 3:15:49 PM

NR66_10 M_OBW_Mid_16QAM_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 20.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 200.00 kHz Span 20 MHz Sweep 1.00 ms (1001 pts) #Video BW 820.00 kHz 2 Metrics Occupied Bandwidth 8.9901 MHz Total Power 30.2 dBm Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB -182.33 kHz % of OBW Power Local 1 9 C 2 3:16:11 PM

NR66_10 M_OBW_Mid_64QAM_FullRB

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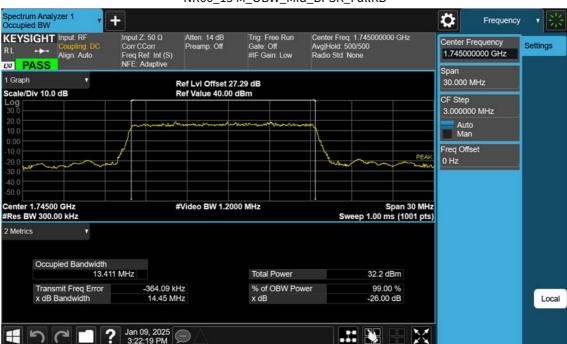


ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Center Freq. 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Atten: 14 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 20.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 2.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 200.00 kHz Span 20 MHz Sweep 1.00 ms (1001 pts) #Video BW 820.00 kHz 2 Metrics Occupied Bandwidth 8.9865 MHz Total Power 28.1 dBm Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB -185.37 kHz % of OBW Power Local 3:16:34 PM

NR66_10 M_OBW_Mid_256QAM_FullRB

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NR66_15 M_OBW_Mid_BPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 30.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 300.00 kHz Span 30 MHz Sweep 1.00 ms (1001 pts) #Video BW 1.2000 MHz 2 Metrics Occupied Bandwidth 13.473 MHz Total Power 31.9 dBm Transmit Freq Error x dB Bandwidth -363.89 kHz 99.00 % -26.00 dB % of OBW Power 14.60 MHz Local 4 5 C 7 Jan 09, 2025 3:22:41 PM

NR66_15 M_OBW_Mid_QPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LNI PASS 1 Graph 30.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 300.00 kHz #Video BW 1.2000 MHz Span 30 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 13.451 MHz Total Power 30.9 dBm -370.21 kHz 14.55 MHz Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:23:02 PM

NR66_15 M_OBW_Mid_16QAM_FullRB

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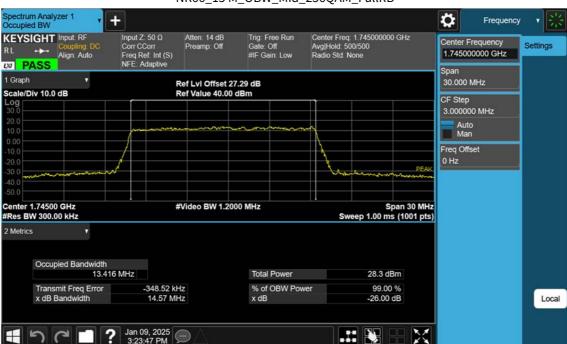




NR66_15 M_OBW_Mid_64QAM_FullRB

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NR66_15 M_OBW_Mid_256QAM_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 40.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz Span 40 MHz Sweep 1.00 ms (1001 pts) Center 1.74500 GHz #Res BW 390.00 kHz #Video BW 1.6000 MHz 2 Metrics Occupied Bandwidth 17.932 MHz Total Power 32.2 dBm -534.27 kHz 19.22 MHz Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:29:32 PM

NR66_20 M_OBW_Mid_BPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 40.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 390.00 kHz #Video BW 1.6000 MHz Span 40 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Occupied Bandwidth 17.862 MHz Total Power 31.9 dBm Transmit Freq Error x dB Bandwidth -546.29 kHz 99.00 % -26.00 dB % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:29:55 PM

NR66_20 M_OBW_Mid_QPSK_FullRB

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4 5 C 7 Jan 09, 2025 3:30:16 PM

ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 40.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz Span 40 MHz Sweep 1.00 ms (1001 pts) Center 1.74500 GHz #Res BW 390.00 kHz #Video BW 1.6000 MHz 2 Metrics Occupied Bandwidth 17.880 MHz Total Power 30.8 dBm Transmit Freq Error x dB Bandwidth -537.35 kHz 99.00 % -26.00 dB % of OBW Power 19.20 MHz Local

NR66_20 M_OBW_Mid_16QAM_FullRB

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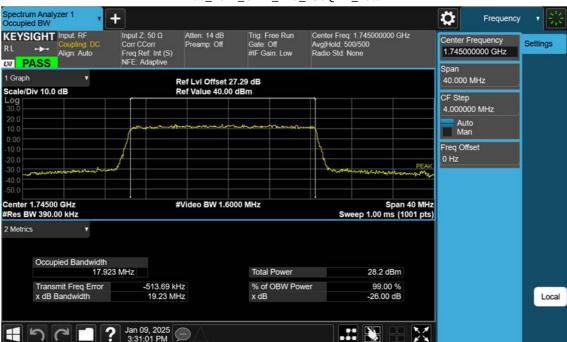


ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 40.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz Span 40 MHz Sweep 1.00 ms (1001 pts) Center 1.74500 GHz #Res BW 390.00 kHz #Video BW 1.6000 MHz 2 Metrics Occupied Bandwidth 17.909 MHz Total Power 30.1 dBm Transmit Freq Error x dB Bandwidth -553.83 kHz 99.00 % -26.00 dB % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:30:38 PM

NR66_20 M_OBW_Mid_64QAM_FullRB

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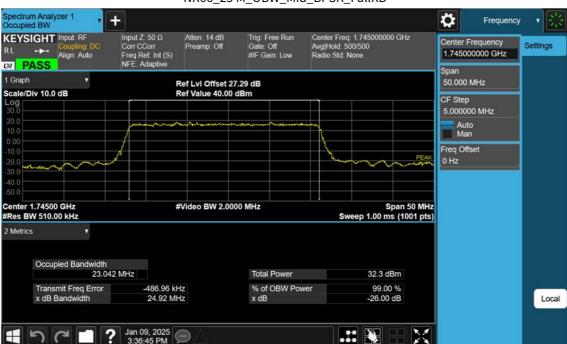




NR66_20 M_OBW_Mid_256QAM_FullRB

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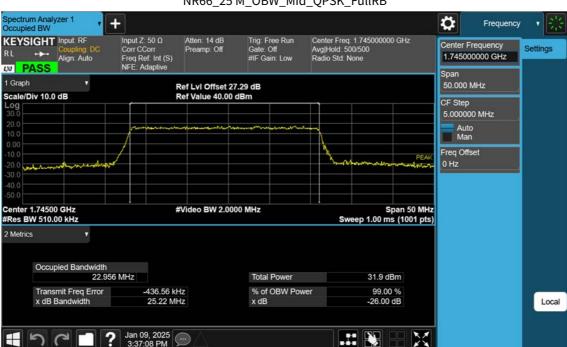




NR66_25 M_OBW_Mid_BPSK_FullRB

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NR66_25 M_OBW_Mid_QPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LNI PASS 1 Graph 50.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Span 50 MHz Sweep 1.00 ms (1001 pts) #Video BW 2.0000 MHz Center 1.74500 GHz 2 Metrics Occupied Bandwidth 22.959 MHz Total Power 30.9 dBm Transmit Freq Error x dB Bandwidth -448.29 kHz 99.00 % -26.00 dB % of OBW Power Local

1 5 6

NR66_25 M_OBW_Mid_16QAM_FullRB

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4 5 C 7 Jan 09, 2025 3:37:51 PM

ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LNI PASS 1 Graph 50.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 5.000000 MHz Auto Man Freq Offset 0 Hz Span 50 MHz Sweep 1.00 ms (1001 pts) Center 1.74500 GHz #Res BW 510.00 kHz #Video BW 2.0000 MHz 2 Metrics Occupied Bandwidth 22.958 MHz Total Power 30.3 dBm Transmit Freq Error x dB Bandwidth -449.40 kHz 99.00 % -26.00 dB % of OBW Power 25.05 MHz Local

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NR66_25 M_OBW_Mid_256QAM_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 60.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 620.00 kHz Span 60 MHz Sweep 1.00 ms (1001 pts) #Video BW 2.4000 MHz 2 Metrics Occupied Bandwidth 28.712 MHz Total Power 32.3 dBm Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB -36.758 kHz % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:43:58 PM

NR66_30 M_OBW_Mid_BPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 60.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 620.00 kHz Span 60 MHz Sweep 1.00 ms (1001 pts) #Video BW 2.4000 MHz 2 Metrics Occupied Bandwidth 28.755 MHz Total Power 31.9 dBm -4.274 kHz 32.24 MHz Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:44:21 PM

NR66_30 M_OBW_Mid_QPSK_FullRB

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4 5 C 7 Jan 09, 2025 3:44:42 PM

ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LNI PASS 1 Graph 60.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 620.00 kHz Span 60 MHz Sweep 1.00 ms (1001 pts) #Video BW 2.4000 MHz 2 Metrics Occupied Bandwidth 28.704 MHz Total Power 30.8 dBm 45.167 kHz 31.78 MHz Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB % of OBW Power Local

NR66_30 M_OBW_Mid_16QAM_FullRB

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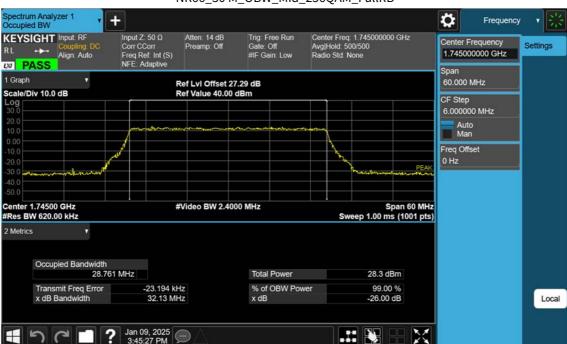


ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 60.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz a construction and transfer of Span 60 MHz Sweep 1.00 ms (1001 pts) Center 1.74500 GHz #Res BW 620.00 kHz #Video BW 2.4000 MHz 2 Metrics Occupied Bandwidth 28.707 MHz Total Power 30.4 dBm Transmit Freq Error x dB Bandwidth 3.680 kHz 99.00 % -26.00 dB % of OBW Power Local 4 5 C 7 Jan 09, 2025 3:45:05 PM

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NR66_30 M_OBW_Mid_256QAM_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 80.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 820.00 kHz Span 80 MHz Sweep 1.00 ms (1001 pts) #Video BW 3.0000 MHz 2 Metrics Occupied Bandwidth 38.783 MHz Total Power 32.3 dBm Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB -51.855 kHz % of OBW Power Local 3:51:16 PM

NR66_40 M_OBW_Mid_BPSK_FullRB

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ø Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive Atten: 14 dB Preamp: Off Center Freq: 1.745000000 GHz Avg|Hold: 500/500 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Center Frequency 1.745000000 GHz RL → Coupling: L Align: Auto Settings LXI PASS 1 Graph 80.000 MHz Ref LvI Offset 27.29 dB Ref Value 40.00 dBm Scale/Div 10.0 dB CF Step 8.000000 MHz Auto Man Freq Offset 0 Hz Center 1.74500 GHz #Res BW 820.00 kHz Span 80 MHz Sweep 1.00 ms (1001 pts) #Video BW 3.0000 MHz 2 Metrics Occupied Bandwidth 38.811 MHz Total Power 31.9 dBm Transmit Freq Error x dB Bandwidth 99.00 % -26.00 dB 50.844 kHz % of OBW Power 42.55 MHz Local 4 5 C 7 Jan 09, 2025 3:51:38 PM

NR66_40 M_OBW_Mid_QPSK_FullRB

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