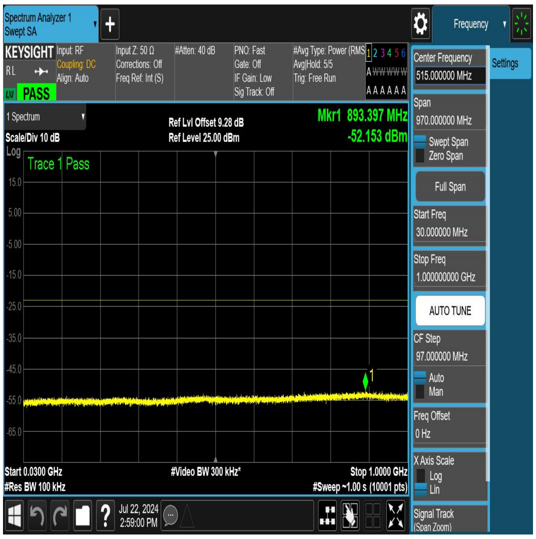
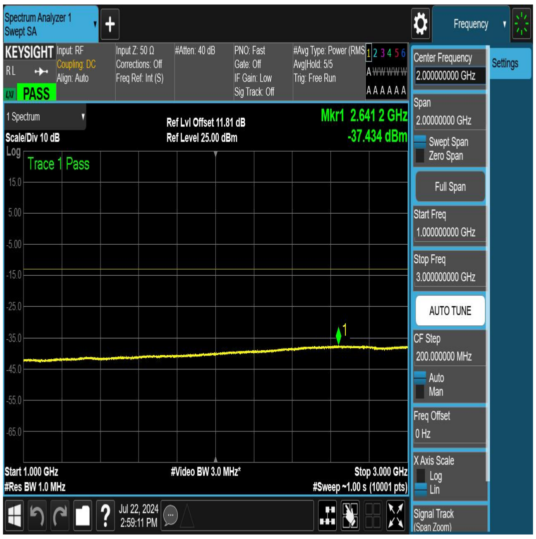


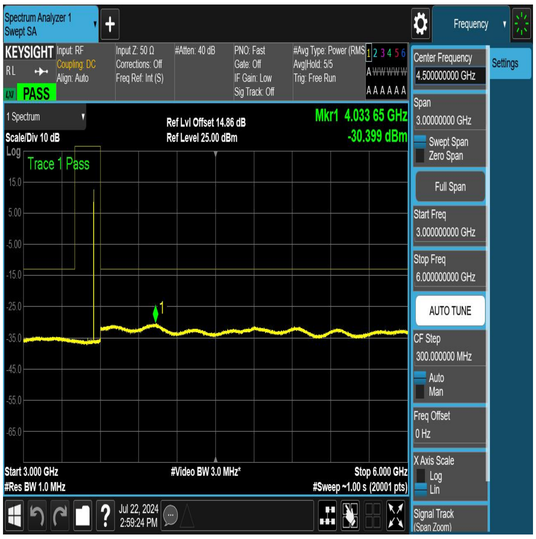
Ref Lvl Offset 9.28 dB
Ref Level 25.00 dBm
Mkr1 893.397 MHz
-52.153 dBm
Trace 1 Pass
#Atten: 40 dB
Center Frequency 515.000000 MHz
Span 970.000000 MHz
Start Freq 30.000000 MHz
Stop Freq 1.000000000 GHz
CF Step 97.000000 MHz
Start 0.0300 GHz
Stop 1.0000 GHz
#Res BW 100 kHz
#Video BW 300 kHz*
#Sweep ~1.00 s (10001 pts)
Jul 22, 2024 2:59:00 PM



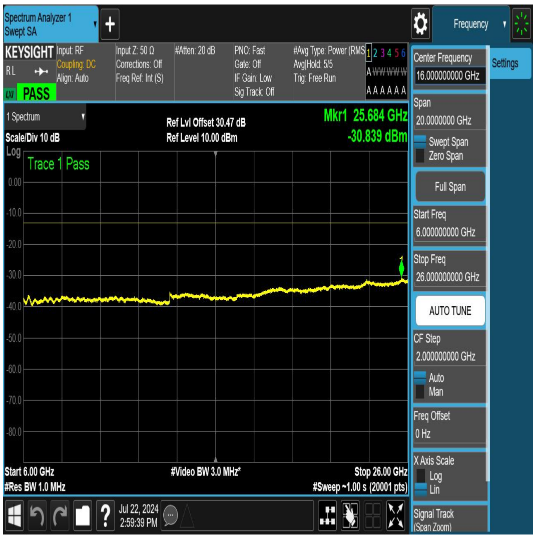
Ref Lvl Offset 11.81 dB
Ref Level 25.00 dBm
Mkr1 2.641 2 GHz
-37.434 dBm
Trace 1 Pass
#Atten: 40 dB
Center Frequency 2.000000000 GHz
Span 2.00000000 GHz
Start Freq 1.000000000 GHz
Stop Freq 3.000000000 GHz
CF Step 200.000000 MHz
Start 1.000 GHz
Stop 3.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
#Sweep ~1.00 s (10001 pts)
Jul 22, 2024 2:59:11 PM

NTNV_N78-3450-3550_PC2_30_50_H_TID17_NS_01_3000_6000_#1

NTNV_N78-3450-3550_PC2_30_50_H_TID17_NS_01_6000_26000_#1



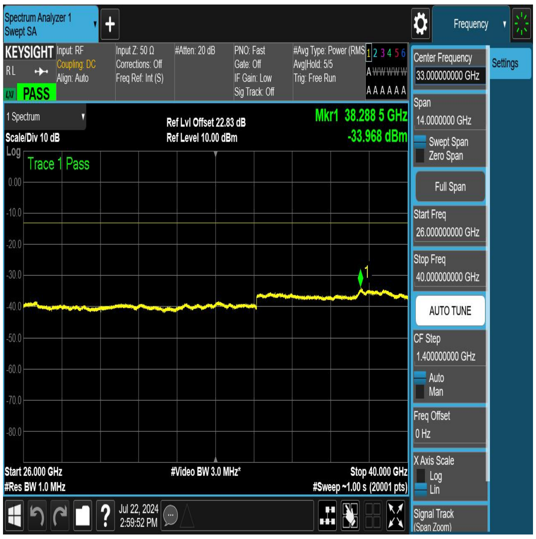
Ref Lvl Offset 14.86 dB
Ref Level 25.00 dBm
Mkr1 4.033 65 GHz
-30.399 dBm
Trace 1 Pass
#Atten: 40 dB
Center Frequency 4.500000000 GHz
Span 3.00000000 GHz
Start Freq 3.000000000 GHz
Stop Freq 6.000000000 GHz
CF Step 300.000000 MHz
Start 3.000 GHz
Stop 6.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
#Sweep ~1.00 s (20001 pts)
Jul 22, 2024 2:59:24 PM



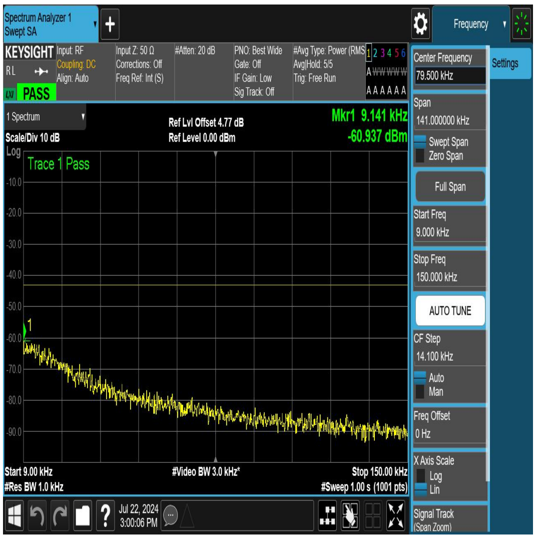
Ref Lvl Offset 30.47 dB
Ref Level 10.00 dBm
Mkr1 25.684 GHz
-30.839 dBm
Trace 1 Pass
#Atten: 20 dB
Center Frequency 16.000000000 GHz
Span 20.0000000 GHz
Start Freq 6.000000000 GHz
Stop Freq 26.000000000 GHz
CF Step 2.000000000 GHz
Start 6.00 GHz
Stop 26.00 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
#Sweep ~1.00 s (20001 pts)
Jul 22, 2024 2:59:39 PM

NTNV_N78-3450-3550_PC2_30_50_H_TID17_NS_01_26000_40000_#1

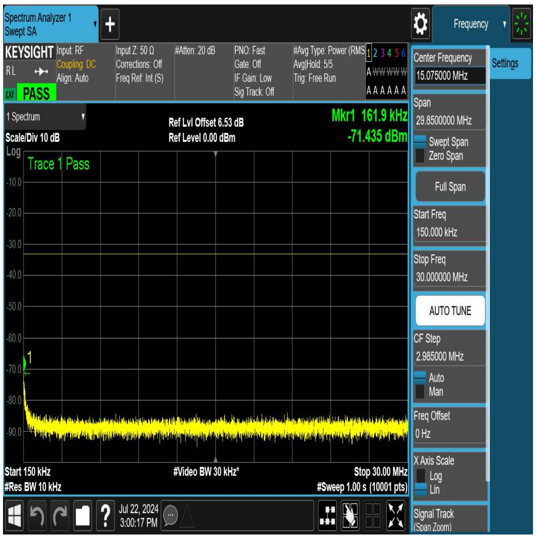
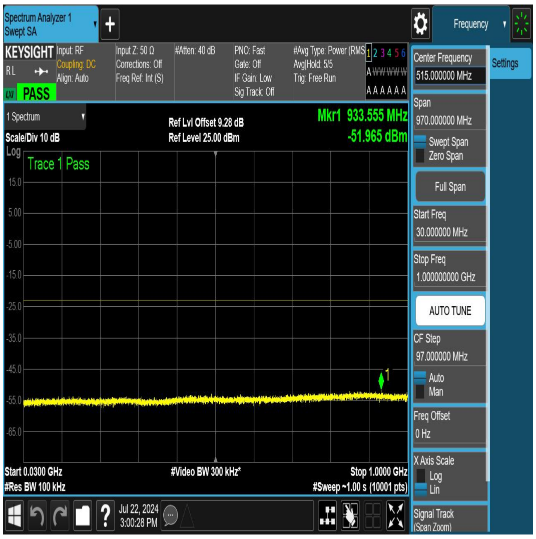
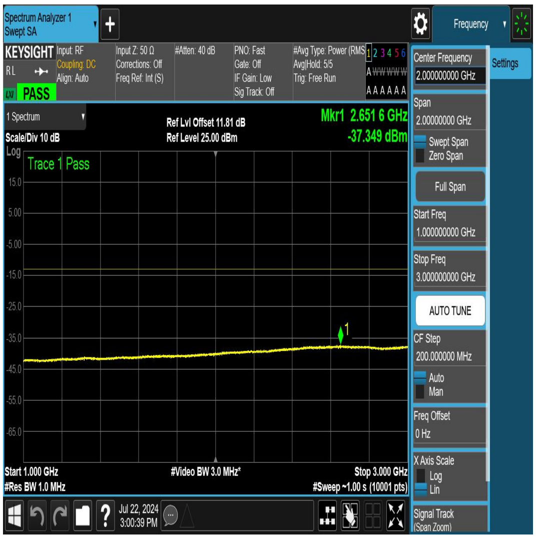
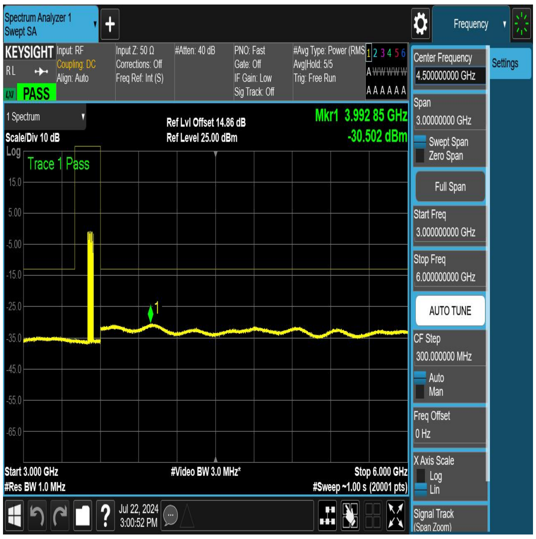
NTNV_N78-3450-3550_PC2_30_50_H_TID21_NS_01_0.009_0.15_#1

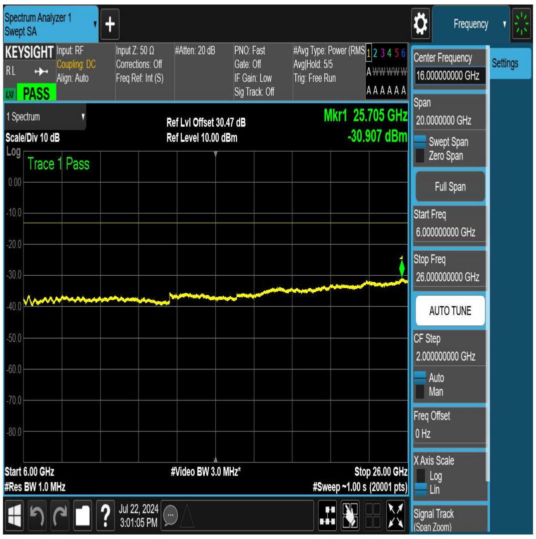


Ref Lvl Offset 22.83 dB
Ref Level 10.00 dBm
Mkr1 38.288 5 GHz
-33.968 dBm
Trace 1 Pass
#Atten: 20 dB
Center Frequency 33.000000000 GHz
Span 14.0000000 GHz
Start Freq 26.000000000 GHz
Stop Freq 40.000000000 GHz
CF Step 1.400000000 GHz
Start 26.000 GHz
Stop 40.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz*
#Sweep ~1.00 s (20001 pts)
Jul 22, 2024 2:59:52 PM



Ref Lvl Offset 4.77 dB
Ref Level 0.00 dBm
Mkr1 9.141 kHz
-60.937 dBm
Trace 1 Pass
#Atten: 20 dB
Center Frequency 79.500 kHz
Span 141.000000 kHz
Start Freq 9.000 kHz
Stop Freq 150.000 kHz
CF Step 14.100 kHz
Start 9.00 kHz
Stop 150.00 kHz
#Res BW 1.0 kHz
#Video BW 3.0 kHz*
#Sweep 1.00 s (1001 pts)
Jul 22, 2024 3:00:06 PM

NTNV_N78-3450-3550_PC2_30_50_H_TID21_NS_01_0.15_30_#1	NTNV_N78-3450-3550_PC2_30_50_H_TID21_NS_01_30_1000_#1
 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 6.53 dB Ref Level 0.00 dBm Mkr1 161.9 kHz -71.435 dBm Scale/Div 10 dB Log Trace 1 Pass Start 150 kHz #Res BW 10 kHz #Video BW 30 kHz* Stop 30.00 MHz #Sweep 1.00 s (10001 pts) Jul 22, 2024 3:00:17 PM Center Frequency 15.075000 MHz Span 29.8500000 MHz Start Freq 150.000 kHz Stop Freq 30.000000 MHz CF Step 2.985000 MHz Freq Offset 0 Hz	 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 9.28 dB Ref Level 25.00 dBm Mkr1 933.555 MHz -51.965 dBm Scale/Div 10 dB Log Trace 1 Pass Start 0.0300 GHz #Res BW 100 kHz #Video BW 300 kHz* Stop 1.0000 GHz #Sweep ~1.00 s (10001 pts) Jul 22, 2024 3:00:28 PM Center Frequency 515.000000 MHz Span 970.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Freq Offset 0 Hz
NTNV_N78-3450-3550_PC2_30_50_H_TID21_NS_01_1000_3000_#1	NTNV_N78-3450-3550_PC2_30_50_H_TID21_NS_01_3000_6000_#1
 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 11.81 dB Ref Level 25.00 dBm Mkr1 2.651 6 GHz -37.349 dBm Scale/Div 10 dB Log Trace 1 Pass Start 1.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 3.000 GHz #Sweep ~1.00 s (10001 pts) Jul 22, 2024 3:00:39 PM Center Frequency 2.000000000 GHz Span 2.00000000 GHz Start Freq 1.000000000 GHz Stop Freq 3.000000000 GHz CF Step 200.000000 MHz Freq Offset 0 Hz	 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 14.86 dB Ref Level 25.00 dBm Mkr1 3.992 85 GHz -30.502 dBm Scale/Div 10 dB Log Trace 1 Pass Start 3.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 6.000 GHz #Sweep ~1.00 s (20001 pts) Jul 22, 2024 3:00:52 PM Center Frequency 4.500000000 GHz Span 3.00000000 GHz Start Freq 3.000000000 GHz Stop Freq 6.000000000 GHz CF Step 300.000000 MHz Freq Offset 0 Hz
NTNV_N78-3450-3550_PC2_30_50_H_TID21_NS_01_6000_26000_#1	NTNV_N78-3450-3550_PC2_30_50_H_TID21_NS_01_26000_40000_#1


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

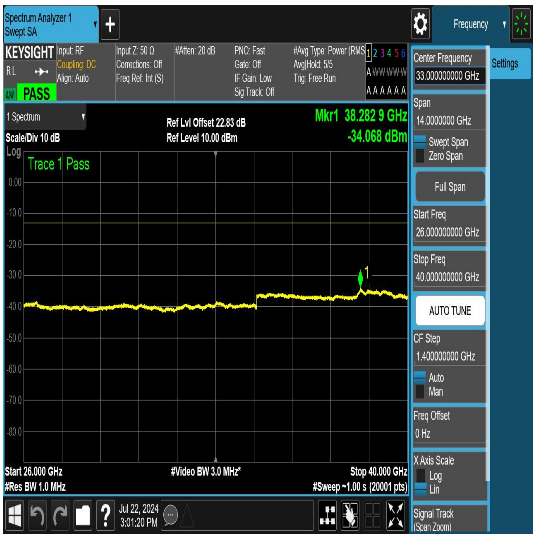
Ref Lvl Offset 30.47 dB
Ref Level 10.00 dBm
Mkr1 25.705 GHz
-30.907 dBm

Center Frequency 16.000000000 GHz
Span 20.0000000 GHz
Start Freq 6.000000000 GHz
Stop Freq 26.000000000 GHz
CF Step 2.000000000 GHz
Freq Offset 0 Hz

Start 6.00 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 26.00 GHz #Sweep ~1.00 s (20001 pts)

Jul 22, 2024 3:01:05 PM

Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Trace 1 Pass
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

Ref Lvl Offset 22.83 dB
Ref Level 10.00 dBm
Mkr1 38.282 9 GHz
-34.068 dBm

Center Frequency 33.000000000 GHz
Span 14.0000000 GHz
Start Freq 26.000000000 GHz
Stop Freq 40.000000000 GHz
CF Step 1.400000000 GHz
Freq Offset 0 Hz

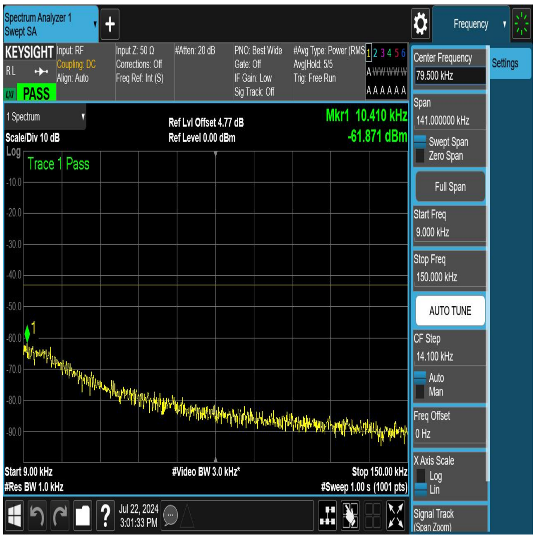
Start 26.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 40.000 GHz #Sweep ~1.00 s (20001 pts)

Jul 22, 2024 3:01:20 PM

Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Trace 1 Pass
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)

NTNV_N78-3450-3550_PC2_30_50_H_TID19_NS_01_0.009_0.15_#1

NTNV_N78-3450-3550_PC2_30_50_H_TID19_NS_01_0.15_30_#1


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

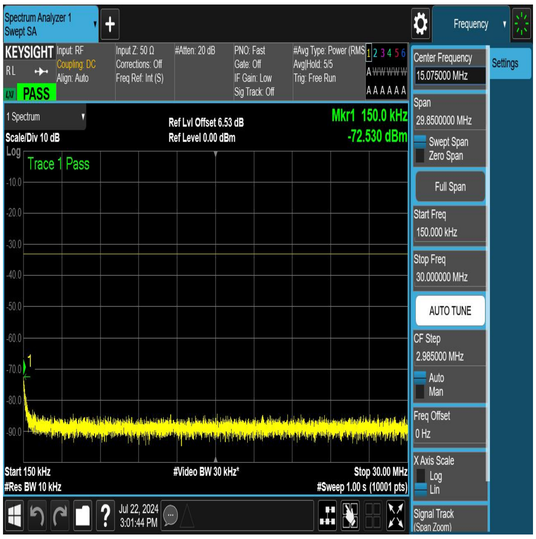
Ref Lvl Offset 4.77 dB
Ref Level 0.00 dBm
Mkr1 10.410 kHz
-61.871 dBm

Center Frequency 79.500 kHz
Span 141.000000 kHz
Start Freq 9.000 kHz
Stop Freq 150.000 kHz
CF Step 14.100 kHz
Freq Offset 0 Hz

Start 9.00 kHz #Res BW 1.0 kHz #Video BW 3.0 kHz* Stop 150.00 kHz #Sweep 1.00 s (1001 pts)

Jul 22, 2024 3:01:33 PM

Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Trace 1 Pass
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

Ref Lvl Offset 6.53 dB
Ref Level 0.00 dBm
Mkr1 150.0 kHz
-72.530 dBm

Center Frequency 15.075000 MHz
Span 29.8500000 MHz
Start Freq 150.000 kHz
Stop Freq 30.000000 MHz
CF Step 2.985000 MHz
Freq Offset 0 Hz

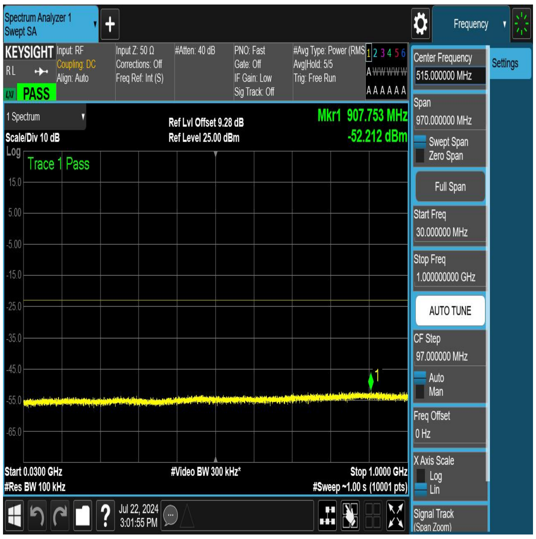
Start 150 kHz #Res BW 10 kHz #Video BW 30 kHz* Stop 30.00 MHz #Sweep 1.00 s (10001 pts)

Jul 22, 2024 3:01:44 PM

Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Trace 1 Pass
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)

NTNV_N78-3450-3550_PC2_30_50_H_TID19_NS_01_30_1000_#1

NTNV_N78-3450-3550_PC2_30_50_H_TID19_NS_01_1000_3000_#1


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

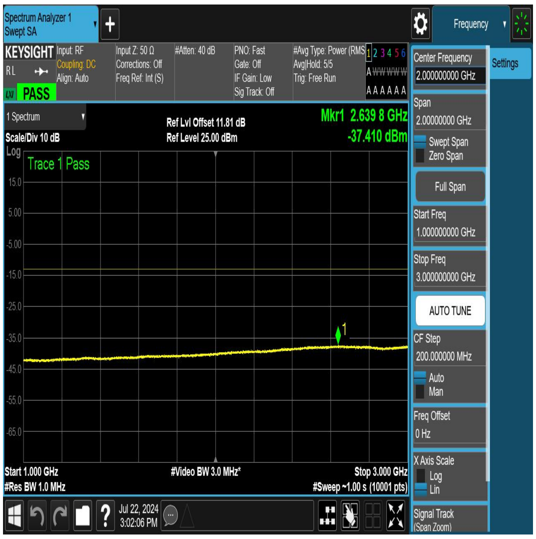
Ref Lvl Offset 9.28 dB
Ref Level 25.00 dBm
Mkr1 907.753 MHz
-52.212 dBm

Center Frequency 515.000000 MHz
Span 970.000000 MHz
Start Freq 30.000000 MHz
Stop Freq 1.000000000 GHz
CF Step 97.000000 MHz
Freq Offset 0 Hz

Start 0.0300 GHz #Res BW 100 kHz #Video BW 300 kHz* Stop 1.0000 GHz #Sweep ~1.00 s (10001 pts)

Jul 22, 2024 3:01:55 PM

Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Trace 1 Pass
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

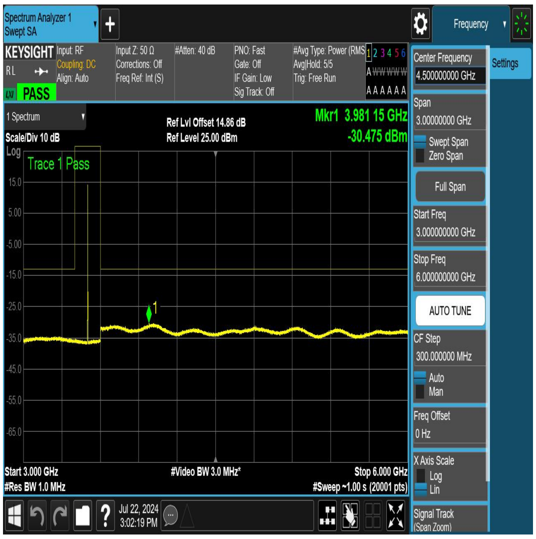
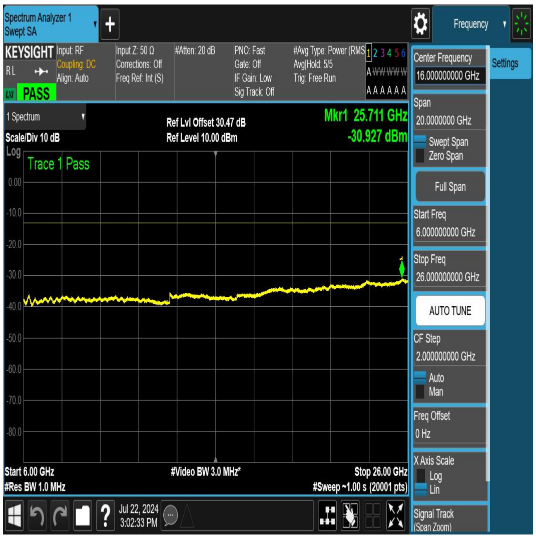
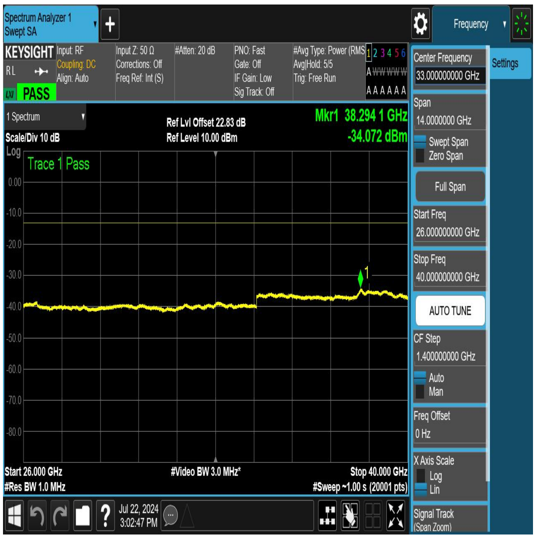
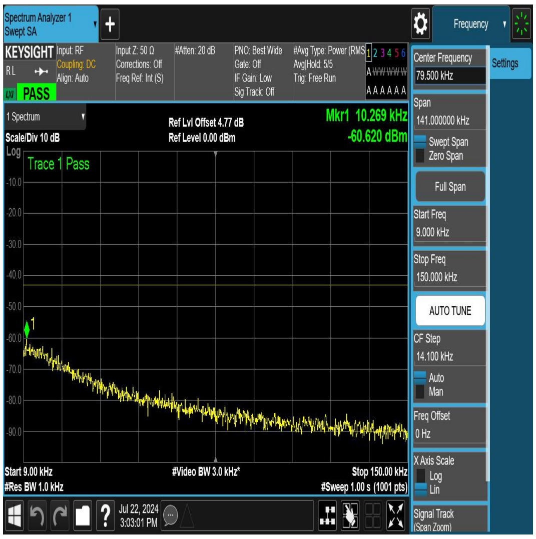
Ref Lvl Offset 11.81 dB
Ref Level 25.00 dBm
Mkr1 2.639 8 GHz
-37.410 dBm

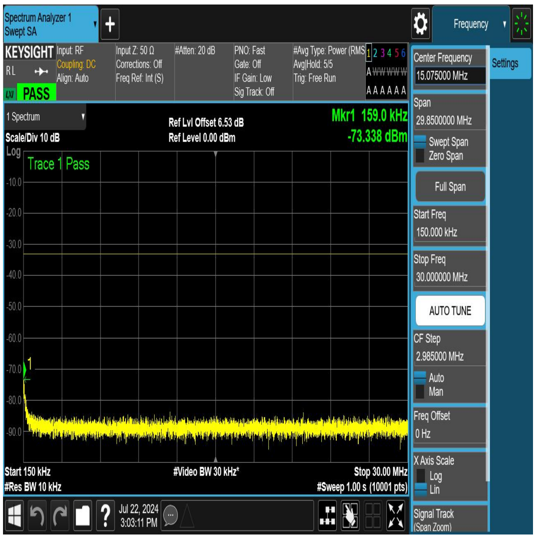
Center Frequency 2.000000000 GHz
Span 2.00000000 GHz
Start Freq 1.000000000 GHz
Stop Freq 3.000000000 GHz
CF Step 200.000000 MHz
Freq Offset 0 Hz

Start 1.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 3.000 GHz #Sweep ~1.00 s (10001 pts)

Jul 22, 2024 3:02:06 PM

Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Trace 1 Pass
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)

NTNV_N78-3450-3550_PC2_30_50_H_TID19_NS_01_3000_6000_#1	NTNV_N78-3450-3550_PC2_30_50_H_TID19_NS_01_6000_26000_#1
 Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 14.86 dB Ref Level 25.00 dBm Mkr1 3.981 15 GHz -30.475 dBm Scale/Div 10 dB Trace 1 Pass Start 3.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 6.000 GHz #Sweep ~1.00 s (20001 pts) Center Frequency 4.500000000 GHz Span 3.00000000 GHz Start Freq 3.000000000 GHz Stop Freq 6.000000000 GHz CF Step 300.000000 MHz Freq Offset 0 Hz Jul 22, 2024 3:02:19 PM	 Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 30.47 dB Ref Level 10.00 dBm Mkr1 25.711 GHz -30.927 dBm Scale/Div 10 dB Trace 1 Pass Start 6.00 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 26.00 GHz #Sweep ~1.00 s (20001 pts) Center Frequency 16.000000000 GHz Span 20.0000000 GHz Start Freq 6.000000000 GHz Stop Freq 26.000000000 GHz CF Step 2.000000000 GHz Freq Offset 0 Hz Jul 22, 2024 3:02:33 PM
NTNV_N78-3450-3550_PC2_30_50_H_TID19_NS_01_26000_40000_#1	NTNV_N78-3450-3550_PC2_30_50_H_TID20_NS_01_0.009_0.15_#1
 Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 22.83 dB Ref Level 10.00 dBm Mkr1 38.294 1 GHz -34.072 dBm Scale/Div 10 dB Trace 1 Pass Start 26.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 40.000 GHz #Sweep ~1.00 s (20001 pts) Center Frequency 33.000000000 GHz Span 14.0000000 GHz Start Freq 26.000000000 GHz Stop Freq 40.000000000 GHz CF Step 1.400000000 GHz Freq Offset 0 Hz Jul 22, 2024 3:02:47 PM	 Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 4.77 dB Ref Level 0.00 dBm Mkr1 10.269 kHz -60.620 dBm Scale/Div 10 dB Trace 1 Pass Start 9.00 kHz #Res BW 1.0 kHz #Video BW 3.0 kHz* Stop 150.00 kHz #Sweep 1.00 s (1001 pts) Center Frequency 79.500 kHz Span 141.000000 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz CF Step 14.100 kHz Freq Offset 0 Hz Jul 22, 2024 3:03:01 PM
NTNV_N78-3450-3550_PC2_30_50_H_TID20_NS_01_0.15_30_#1	NTNV_N78-3450-3550_PC2_30_50_H_TID20_NS_01_30_1000_#1


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

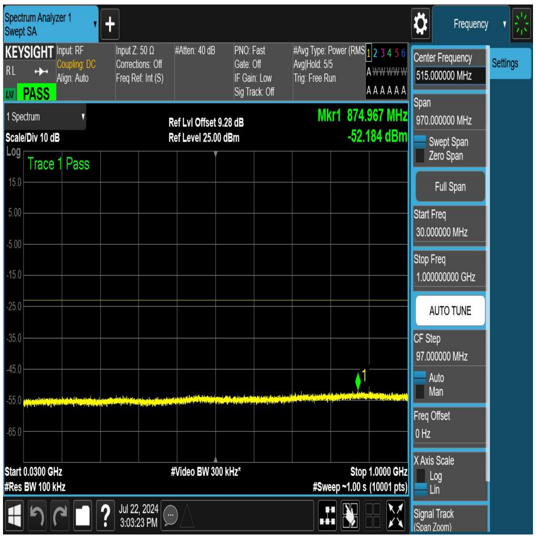
PASS

Ref Lvl Offset 6.53 dB
Ref Level 0.00 dBm
Mkr1 159.0 kHz -73.338 dBm
Trace 1 Pass

Start 150 kHz #Res BW 10 kHz #Video BW 30 kHz* Stop 30.00 MHz #Sweep 1.00 s (10001 pts)

Center Frequency 15.075000 MHz
Span 29.8500000 MHz
Start Freq 150.000 kHz
Stop Freq 30.000000 MHz
CF Step 2.985000 MHz
Freq Offset 0 Hz

Jul 22, 2024 3:03:11 PM
Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

Ref Lvl Offset 9.28 dB
Ref Level 25.00 dBm
Mkr1 874.967 MHz -52.184 dBm
Trace 1 Pass

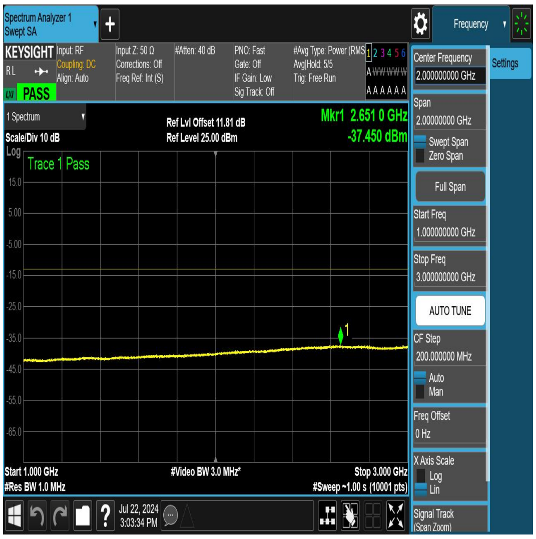
Start 0.0300 GHz #Res BW 100 kHz #Video BW 300 kHz* Stop 1.0000 GHz #Sweep ~1.00 s (10001 pts)

Center Frequency 515.000000 MHz
Span 970.000000 MHz
Start Freq 30.000000 MHz
Stop Freq 1.000000000 GHz
CF Step 97.000000 MHz
Freq Offset 0 Hz

Jul 22, 2024 3:03:23 PM
Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)

NTNV_N78-3450-3550_PC2_30_50_H_TID20_NS_01_1000_3000_#1

NTNV_N78-3450-3550_PC2_30_50_H_TID20_NS_01_3000_6000_#1


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

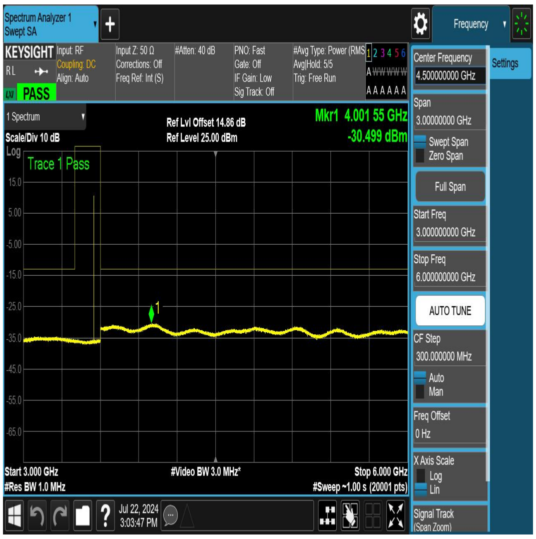
PASS

Ref Lvl Offset 11.81 dB
Ref Level 25.00 dBm
Mkr1 2.651 0 GHz -37.450 dBm
Trace 1 Pass

Start 1.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 3.000 GHz #Sweep ~1.00 s (10001 pts)

Center Frequency 2.000000000 GHz
Span 2.00000000 GHz
Start Freq 1.000000000 GHz
Stop Freq 3.000000000 GHz
CF Step 200.000000 MHz
Freq Offset 0 Hz

Jul 22, 2024 3:03:34 PM
Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

PASS

Ref Lvl Offset 14.86 dB
Ref Level 25.00 dBm
Mkr1 4.001 55 GHz -30.499 dBm
Trace 1 Pass

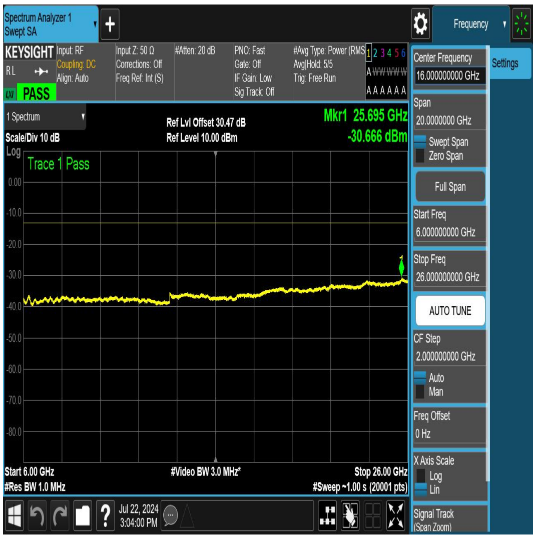
Start 3.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 6.000 GHz #Sweep ~1.00 s (20001 pts)

Center Frequency 4.500000000 GHz
Span 3.00000000 GHz
Start Freq 3.000000000 GHz
Stop Freq 6.000000000 GHz
CF Step 300.000000 MHz
Freq Offset 0 Hz

Jul 22, 2024 3:03:47 PM
Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)

NTNV_N78-3450-3550_PC2_30_50_H_TID20_NS_01_6000_26000_#1

NTNV_N78-3450-3550_PC2_30_50_H_TID20_NS_01_26000_40000_#1


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

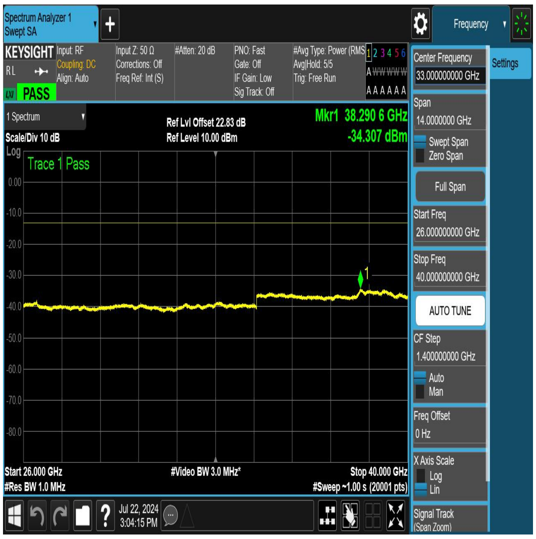
PASS

Ref Lvl Offset 30.47 dB
Ref Level 10.00 dBm
Mkr1 25.695 GHz -30.666 dBm
Trace 1 Pass

Start 6.00 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 26.00 GHz #Sweep ~1.00 s (20001 pts)

Center Frequency 16.000000000 GHz
Span 20.0000000 GHz
Start Freq 6.000000000 GHz
Stop Freq 26.000000000 GHz
CF Step 2.000000000 GHz
Freq Offset 0 Hz

Jul 22, 2024 3:04:00 PM
Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)


KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run

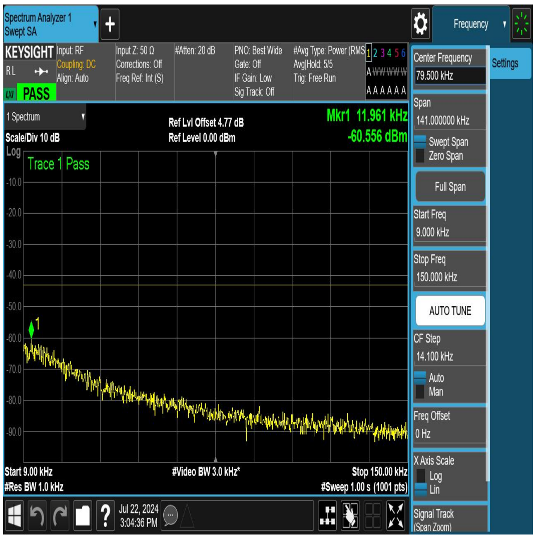
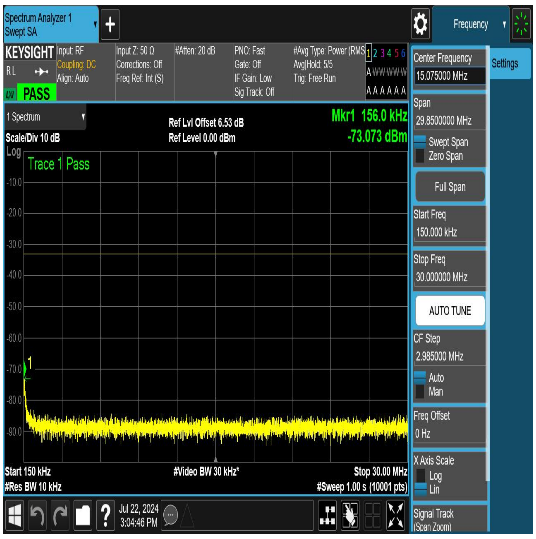
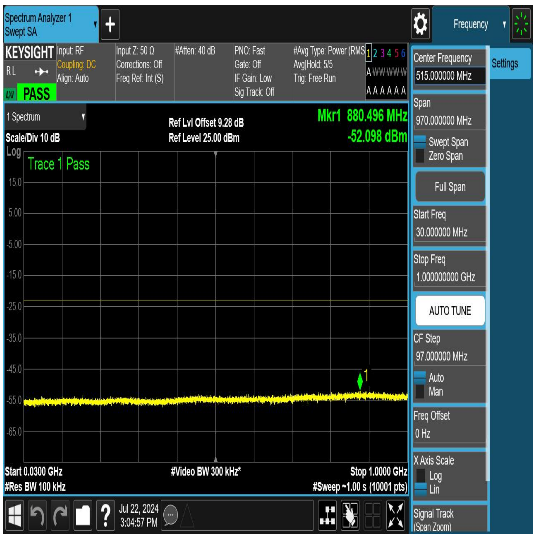
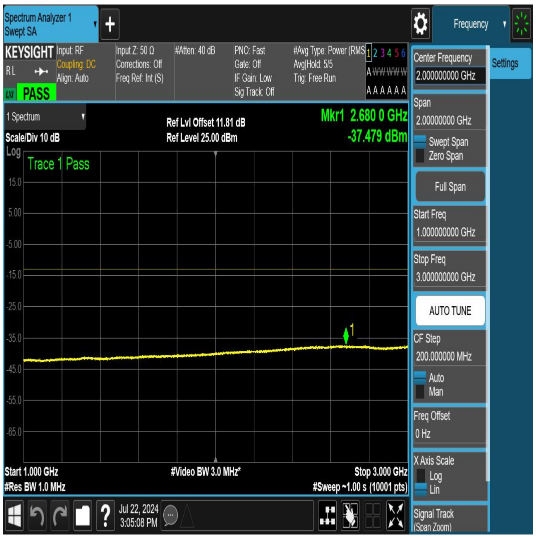
PASS

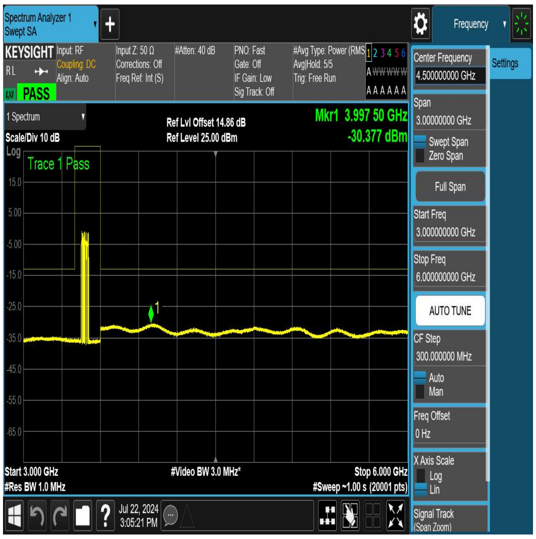
Ref Lvl Offset 22.83 dB
Ref Level 10.00 dBm
Mkr1 38.290 6 GHz -34.307 dBm
Trace 1 Pass

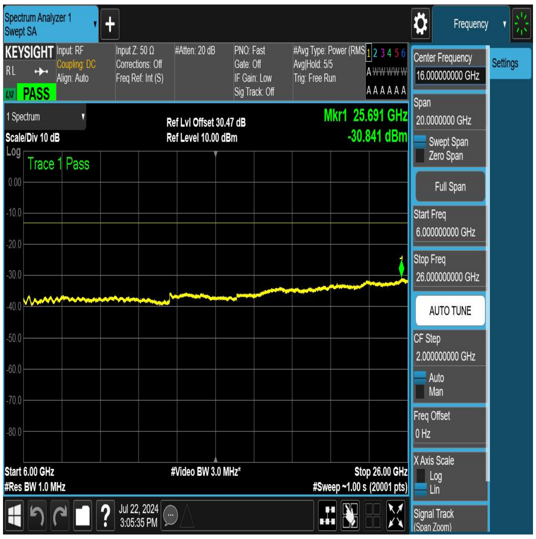
Start 26.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 40.000 GHz #Sweep ~1.00 s (20001 pts)

Center Frequency 33.000000000 GHz
Span 14.0000000 GHz
Start Freq 26.000000000 GHz
Stop Freq 40.000000000 GHz
CF Step 1.400000000 GHz
Freq Offset 0 Hz

Jul 22, 2024 3:04:15 PM
Spectrum Analyzer 1
Swept SA
Frequency
Settings
1 Spectrum
Scale/Div 10 dB
Log
Swept Span
Zero Span
Full Span
AUTO TUNE
Auto
Man
X Axis Scale
Log
Lin
Signal Track (Span Zoom)

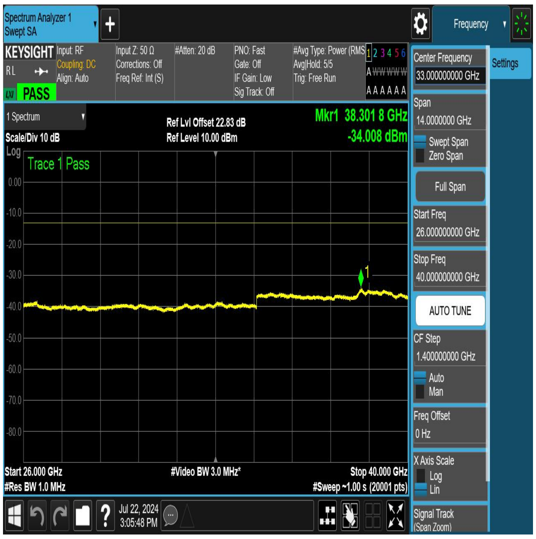
NTNV_N78-3450-3550_PC2_30_60_L_TID18_NS_01_0.009_0.15_#1	NTNV_N78-3450-3550_PC2_30_60_L_TID18_NS_01_0.15_30_#1
 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 4.77 dB Ref Level 0.00 dBm Scale/Div 10 dB Mkr1 11.961 kHz -60.556 dBm Trace 1 Pass Center Frequency 79.500 kHz Span 141.000000 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz CF Step 14.100 kHz Freq Offset 0 Hz Start 9.00 kHz #Res BW 1.0 kHz #Video BW 3.0 kHz* Stop 150.00 kHz #Sweep 1.00 s (1001 pts) Jul 22, 2024 3:04:36 PM	 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 6.53 dB Ref Level 0.00 dBm Scale/Div 10 dB Mkr1 156.0 kHz -73.073 dBm Trace 1 Pass Center Frequency 15.075000 MHz Span 29.8500000 MHz Start Freq 150.000 kHz Stop Freq 30.000000 MHz CF Step 2.985000 MHz Freq Offset 0 Hz Start 150 kHz #Res BW 10 kHz #Video BW 30 kHz* Stop 30.00 MHz #Sweep 1.00 s (10001 pts) Jul 22, 2024 3:04:46 PM
NTNV_N78-3450-3550_PC2_30_60_L_TID18_NS_01_30_1000_#1	NTNV_N78-3450-3550_PC2_30_60_L_TID18_NS_01_1000_3000_#1
 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 9.28 dB Ref Level 25.00 dBm Scale/Div 10 dB Mkr1 880.496 MHz -52.098 dBm Trace 1 Pass Center Frequency 515.000000 MHz Span 970.000000 MHz Start Freq 30.000000 MHz Stop Freq 1.000000000 GHz CF Step 97.000000 MHz Freq Offset 0 Hz Start 0.0300 GHz #Res BW 100 kHz #Video BW 300 kHz* Stop 1.0000 GHz #Sweep ~1.00 s (10001 pts) Jul 22, 2024 3:04:57 PM	 KEYSIGHT Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) #Atten: 40 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off #Avg Type: Power (RMS) Avg|Hold: 5/5 Trig: Free Run PASS Ref Lvl Offset 11.81 dB Ref Level 25.00 dBm Scale/Div 10 dB Mkr1 2.680 0 GHz -37.479 dBm Trace 1 Pass Center Frequency 2.000000000 GHz Span 2.00000000 GHz Start Freq 1.000000000 GHz Stop Freq 3.000000000 GHz CF Step 200.000000 MHz Freq Offset 0 Hz Start 1.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 3.000 GHz #Sweep ~1.00 s (10001 pts) Jul 22, 2024 3:05:08 PM
NTNV_N78-3450-3550_PC2_30_60_L_TID18_NS_01_3000_6000_#1	NTNV_N78-3450-3550_PC2_30_60_L_TID18_NS_01_6000_26000_#1

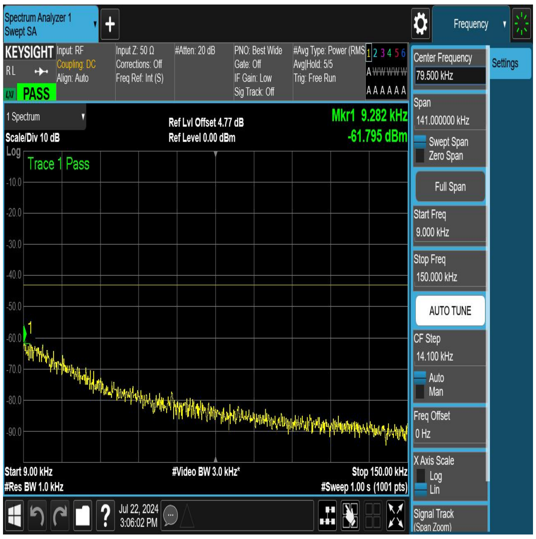

Spectrum Analyzer 1 Swept SA
Input: RF, Coupling: DC, Align: Auto; Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S); #Atten: 40 dB; PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off; #Avg Type: Power (RMS), Avg|Hold: 5/5, Trig: Free Run
PASS
Ref Lvl Offset 14.86 dB
Ref Level 25.00 dBm
Mkr1 3.997 50 GHz -30.377 dBm
Scale/Div 10 dB
Trace 1 Pass
Start 3.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 6.000 GHz #Sweep ~1.00 s (20001 pts)
Center Frequency 4.500000000 GHz; Span 3.00000000 GHz; Start Freq 3.000000000 GHz; Stop Freq 6.000000000 GHz; CF Step 300.000000 MHz; Freq Offset 0 Hz
Jul 22, 2024 3:05:21 PM


Spectrum Analyzer 1 Swept SA
Input: RF, Coupling: DC, Align: Auto; Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S); #Atten: 20 dB; PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off; #Avg Type: Power (RMS), Avg|Hold: 5/5, Trig: Free Run
PASS
Ref Lvl Offset 30.47 dB
Ref Level 10.00 dBm
Mkr1 25.691 GHz -30.841 dBm
Scale/Div 10 dB
Trace 1 Pass
Start 6.00 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 26.00 GHz #Sweep ~1.00 s (20001 pts)
Center Frequency 16.000000000 GHz; Span 20.0000000 GHz; Start Freq 6.000000000 GHz; Stop Freq 26.000000000 GHz; CF Step 2.000000000 GHz; Freq Offset 0 Hz
Jul 22, 2024 3:05:35 PM

NTNV_N78-3450-3550_PC2_30_60_L_TID18_NS_01_26000_40000_#1

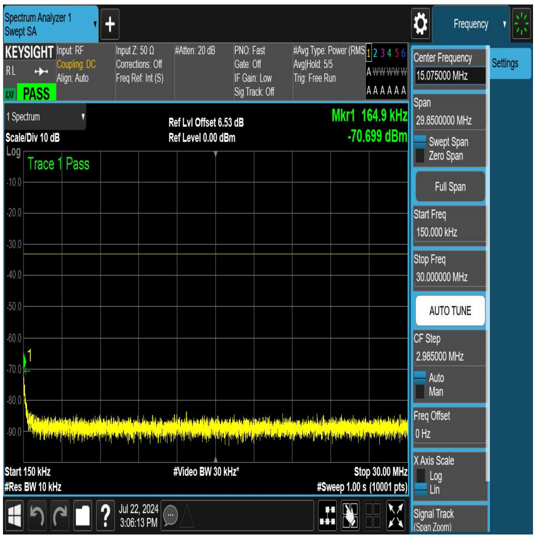
NTNV_N78-3450-3550_PC2_30_60_L_TID16_NS_01_0.009_0.15_#1

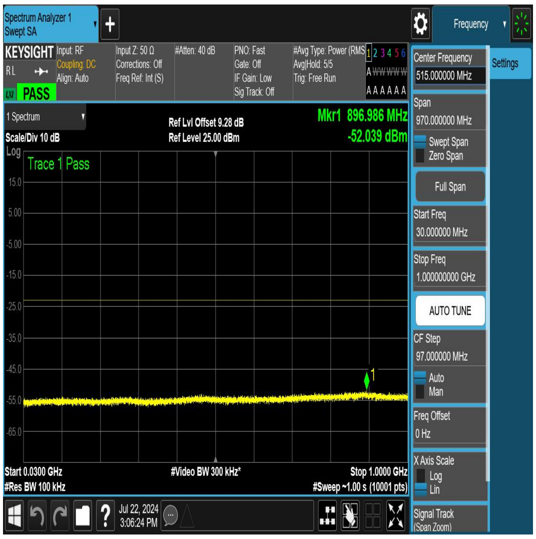

Spectrum Analyzer 1 Swept SA
Input: RF, Coupling: DC, Align: Auto; Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S); #Atten: 20 dB; PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off; #Avg Type: Power (RMS), Avg|Hold: 5/5, Trig: Free Run
PASS
Ref Lvl Offset 22.83 dB
Ref Level 10.00 dBm
Mkr1 38.301 8 GHz -34.008 dBm
Scale/Div 10 dB
Trace 1 Pass
Start 26.000 GHz #Res BW 1.0 MHz #Video BW 3.0 MHz* Stop 40.000 GHz #Sweep ~1.00 s (20001 pts)
Center Frequency 33.000000000 GHz; Span 14.0000000 GHz; Start Freq 26.000000000 GHz; Stop Freq 40.000000000 GHz; CF Step 1.400000000 GHz; Freq Offset 0 Hz
Jul 22, 2024 3:05:48 PM


Spectrum Analyzer 1 Swept SA
Input: RF, Coupling: DC, Align: Auto; Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S); #Atten: 20 dB; PNO: Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off; #Avg Type: Power (RMS), Avg|Hold: 5/5, Trig: Free Run
PASS
Ref Lvl Offset 4.77 dB
Ref Level 0.00 dBm
Mkr1 9.282 kHz -61.795 dBm
Scale/Div 10 dB
Trace 1 Pass
Start 9.00 kHz #Res BW 1.0 kHz #Video BW 3.0 kHz* Stop 150.00 kHz #Sweep 1.00 s (1001 pts)
Center Frequency 79.500 kHz; Span 141.000000 kHz; Start Freq 9.000 kHz; Stop Freq 150.000 kHz; CF Step 14.100 kHz; Freq Offset 0 Hz
Jul 22, 2024 3:06:02 PM

NTNV_N78-3450-3550_PC2_30_60_L_TID16_NS_01_0.15_30_#1

NTNV_N78-3450-3550_PC2_30_60_L_TID16_NS_01_30_1000_#1


Spectrum Analyzer 1 Swept SA
Input: RF, Coupling: DC, Align: Auto; Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S); #Atten: 20 dB; PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off; #Avg Type: Power (RMS), Avg|Hold: 5/5, Trig: Free Run
PASS
Ref Lvl Offset 6.53 dB
Ref Level 0.00 dBm
Mkr1 164.9 kHz -70.699 dBm
Scale/Div 10 dB
Trace 1 Pass
Start 150 kHz #Res BW 10 kHz #Video BW 30 kHz* Stop 30.00 MHz #Sweep 1.00 s (10001 pts)
Center Frequency 15.075000 MHz; Span 29.8500000 MHz; Start Freq 150.000 kHz; Stop Freq 30.000000 MHz; CF Step 2.985000 MHz; Freq Offset 0 Hz
Jul 22, 2024 3:06:13 PM


Spectrum Analyzer 1 Swept SA
Input: RF, Coupling: DC, Align: Auto; Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S); #Atten: 40 dB; PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off; #Avg Type: Power (RMS), Avg|Hold: 5/5, Trig: Free Run
PASS
Ref Lvl Offset 9.28 dB
Ref Level 25.00 dBm
Mkr1 896.986 MHz -52.039 dBm
Scale/Div 10 dB
Trace 1 Pass
Start 0.0300 GHz #Res BW 100 kHz #Video BW 300 kHz* Stop 1.0000 GHz #Sweep ~1.00 s (10001 pts)
Center Frequency 515.000000 MHz; Span 970.000000 MHz; Start Freq 30.000000 MHz; Stop Freq 1.000000000 GHz; CF Step 97.000000 MHz; Freq Offset 0 Hz
Jul 22, 2024 3:06:24 PM