



HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance				
Date(s): 05-Jun-24				
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC	
Remarks:				

Plot 7.4.6 Spurious emission measurements in 55 – 57 GHz range

TEST SITE:

OATS

TEST DISTANCE:

3 m

MODULATION:

16QAM

ANTENNA POLARIZATION:

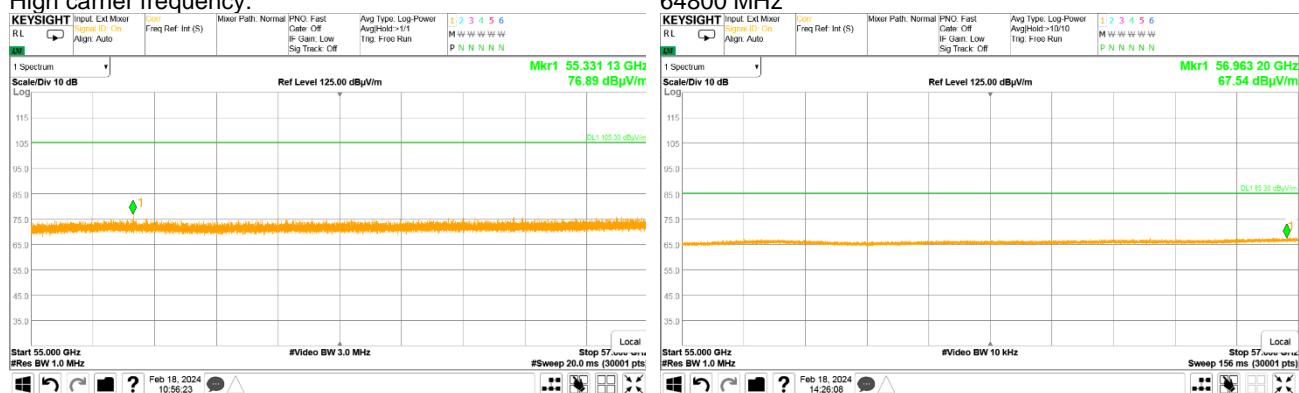
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz

High carrier frequency:

64800 MHz





HERMON LABORATORIES

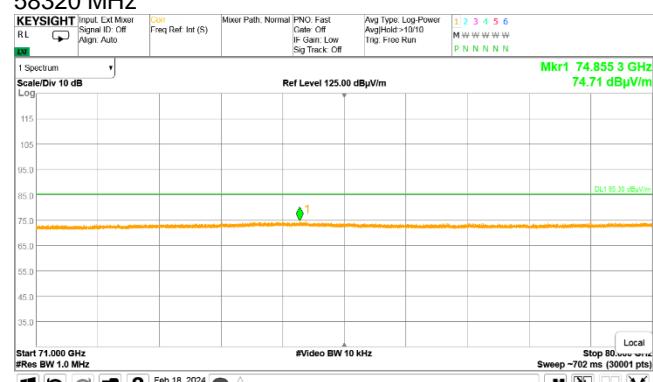
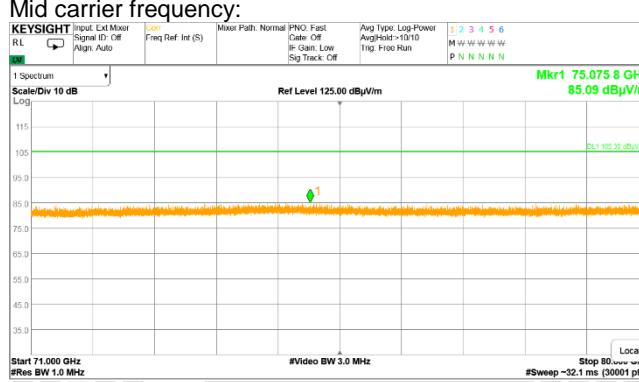
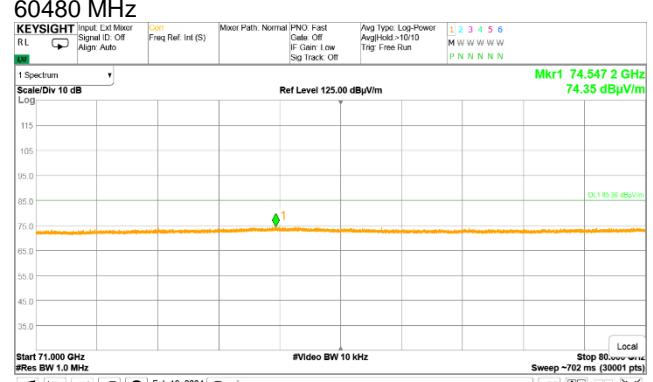
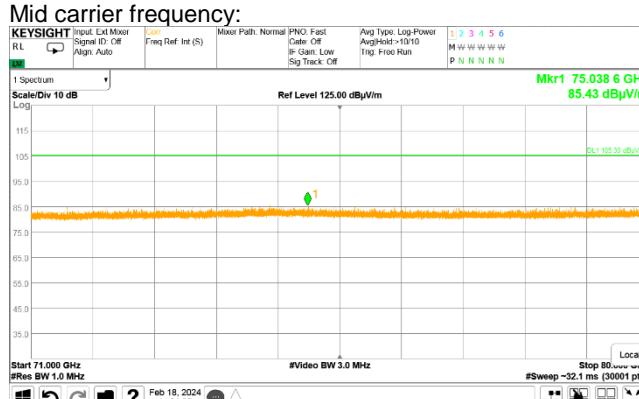
Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.7 Spurious emission measurements in 71 – 80 GHz range**TEST SITE:****TEST DISTANCE:****MODULATION:****ANTENNA POLARIZATION:****DETECTOR:** Peak RBW = 1 MHz; VBW = 3 MHz**Low carrier frequency:****OATS**

3 m

16QAM

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz**58320 MHz****Mid carrier frequency:****60480 MHz****Mid carrier frequency:****62640 MHz**



HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.8 Spurious emission measurements in 71 – 80 GHz range

TEST SITE:

OATS

TEST DISTANCE:

3 m

MODULATION:

16QAM

ANTENNA POLARIZATION:

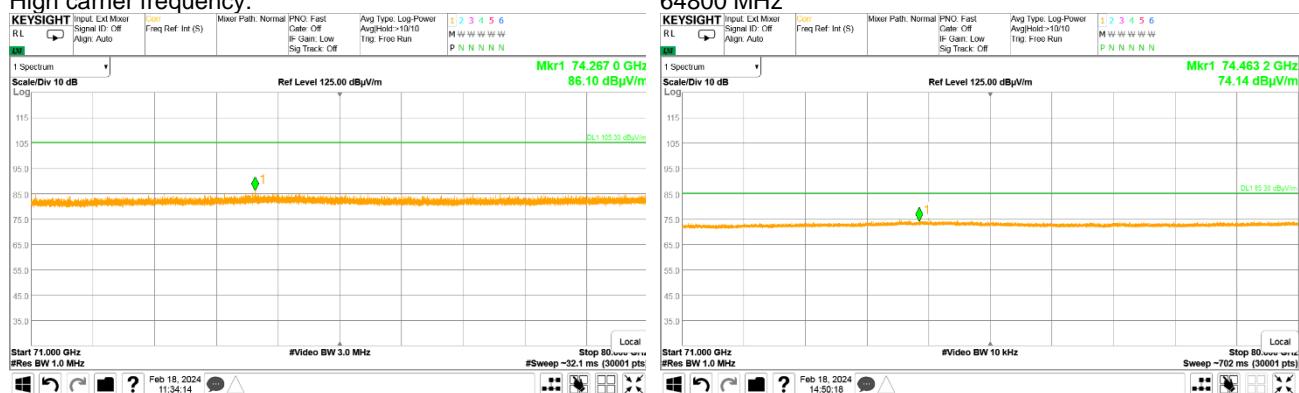
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz

High carrier frequency:

64800 MHz





HERMON LABORATORIES

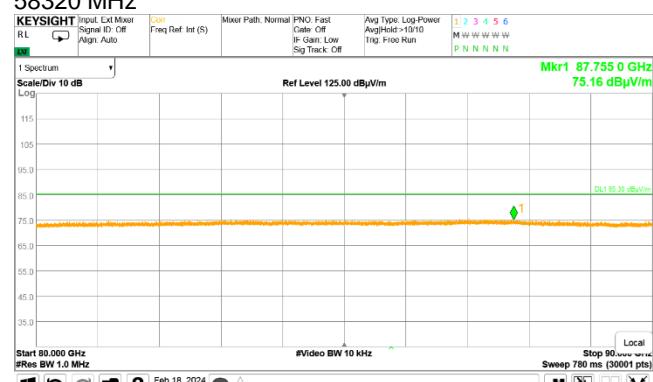
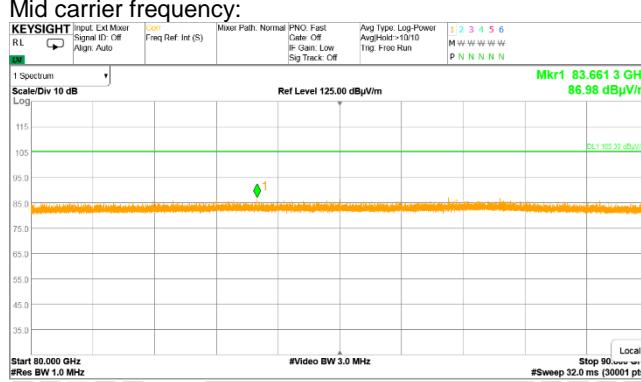
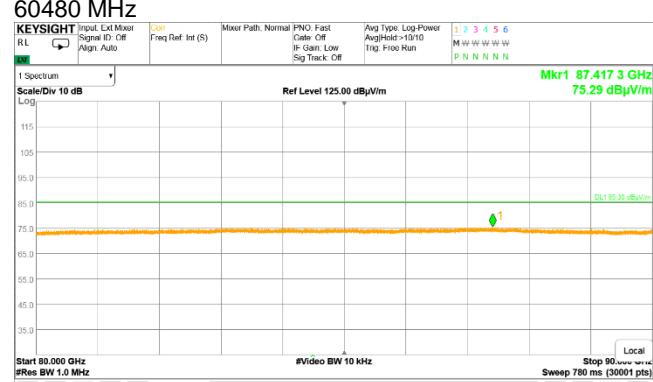
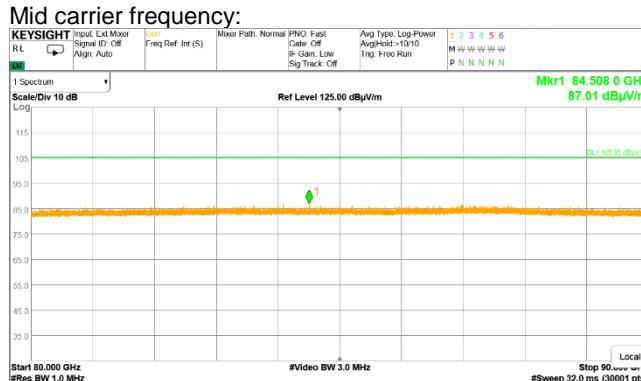
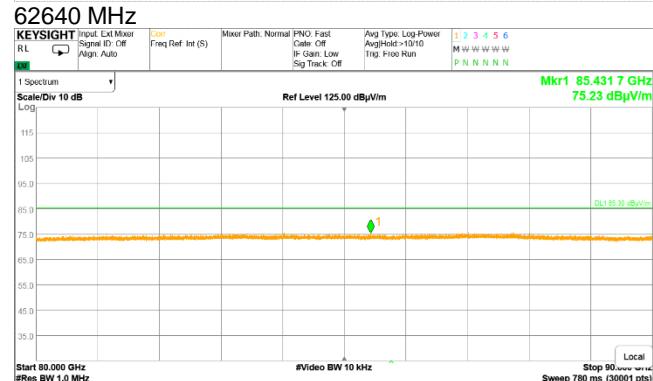
Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.9 Spurious emission measurements in 80 – 90 GHz range**TEST SITE:****TEST DISTANCE:****MODULATION:****ANTENNA POLARIZATION:****DETECTOR:** Peak RBW = 1 MHz; VBW = 3 MHz**Low carrier frequency:****OATS**

3 m

16QAM

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz**58320 MHz****Mid carrier frequency:****60480 MHz****Mid carrier frequency:****62640 MHz**



HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.10 Spurious emission measurements in 80 – 90 GHz range

TEST SITE:

OATS

TEST DISTANCE:

3 m

MODULATION:

16QAM

ANTENNA POLARIZATION:

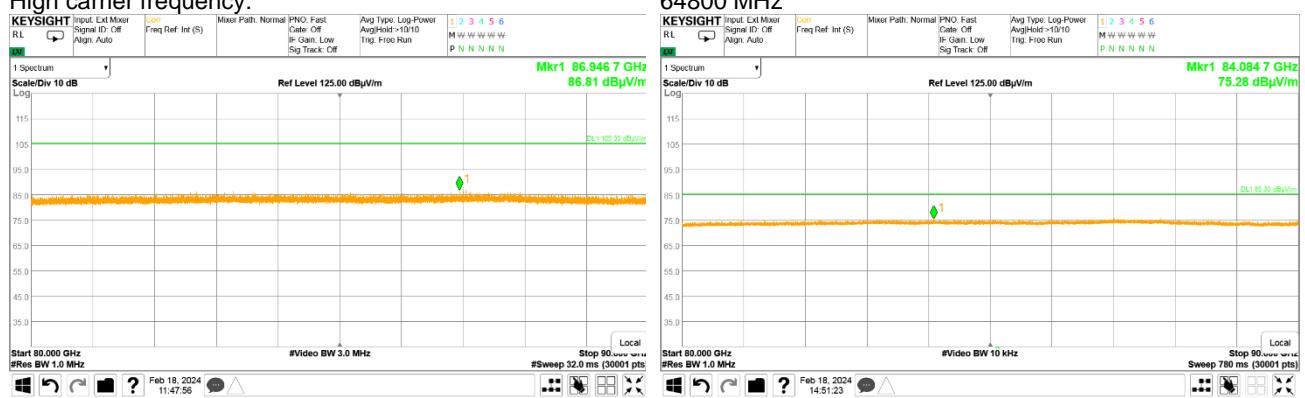
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz

High carrier frequency:

64800 MHz





HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.11 Spurious emission measurements in 90 - 100 GHz range**TEST SITE:**

OATS

TEST DISTANCE:

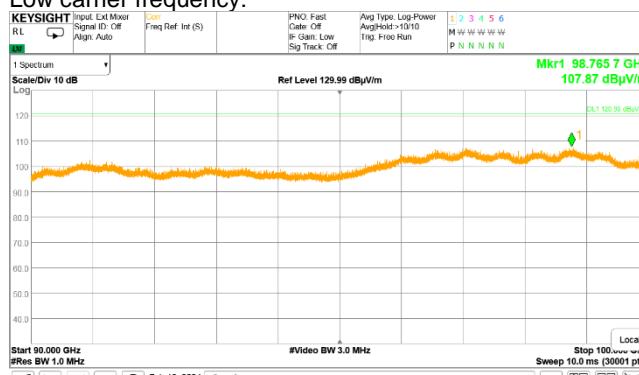
0.5 m

MODULATION:

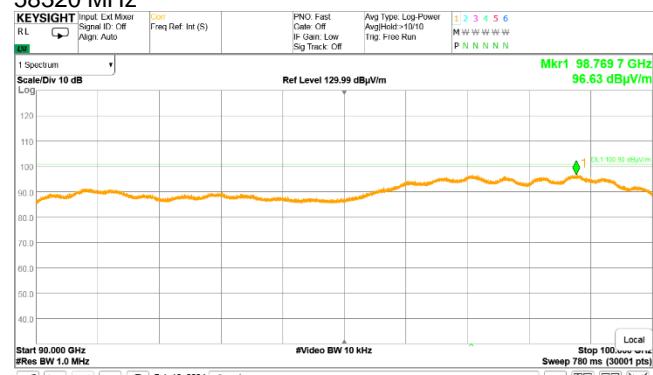
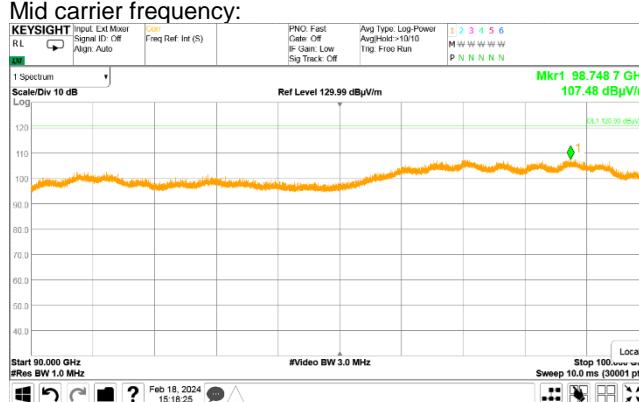
16QAM

ANTENNA POLARIZATION:

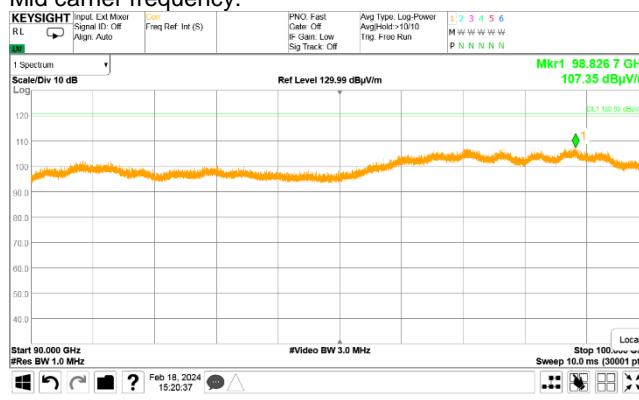
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz**DETECTOR:** Peak RBW = 1 MHz; VBW = 10 kHz**Low carrier frequency:**

58320 MHz

**Mid carrier frequency:**

60480 MHz

**Mid carrier frequency:**

62640 MHz





HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.12 Spurious emission measurements in 90 - 100 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.5 m

MODULATION:

16QAM

ANTENNA POLARIZATION:

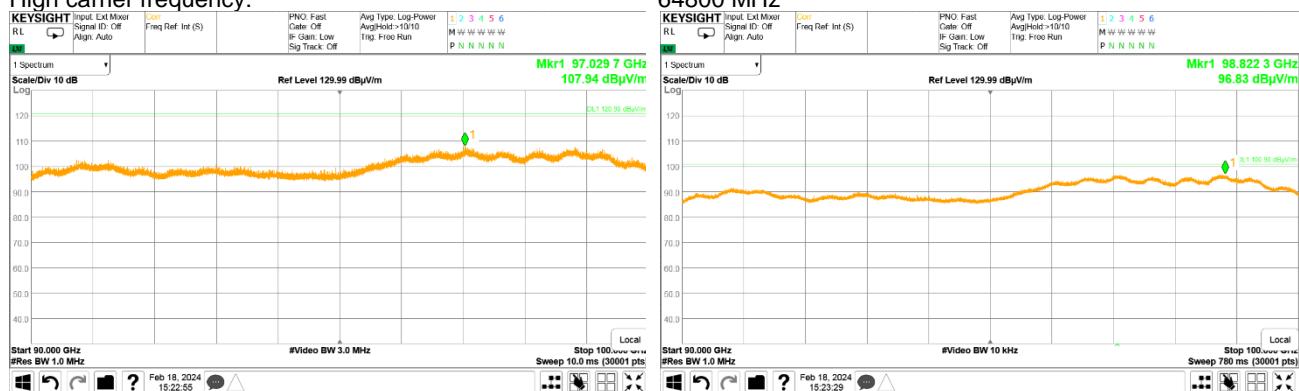
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz

High carrier frequency:

64800 MHz





HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.13 Spurious emission measurements in 100 - 110 GHz range**TEST SITE:**

OATS

TEST DISTANCE:

0.5 m

MODULATION:

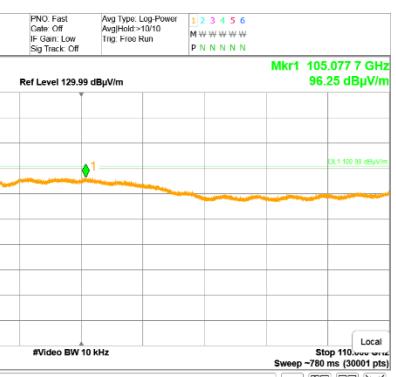
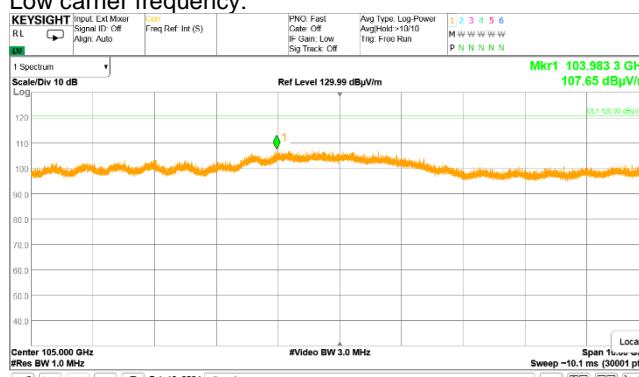
16QAM

ANTENNA POLARIZATION:

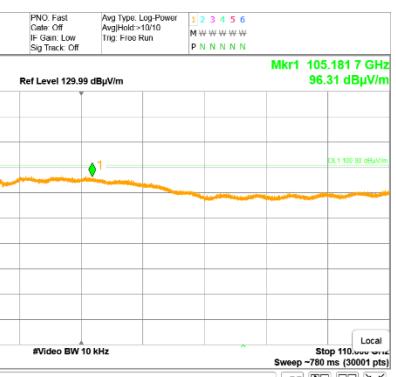
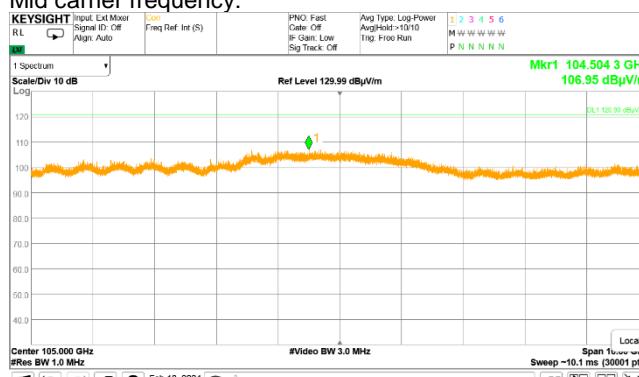
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz**DETECTOR:** Peak RBW = 1 MHz; VBW = 10 kHz**Low carrier frequency:**

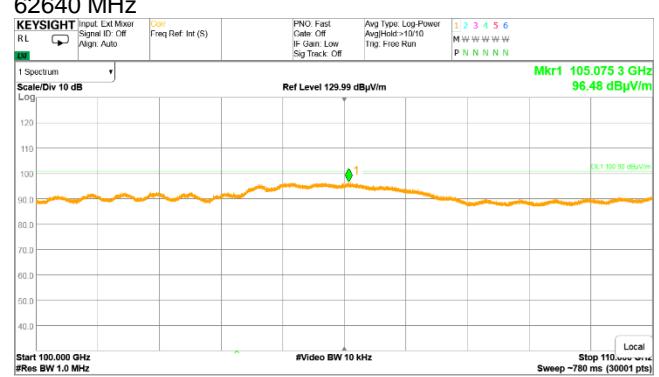
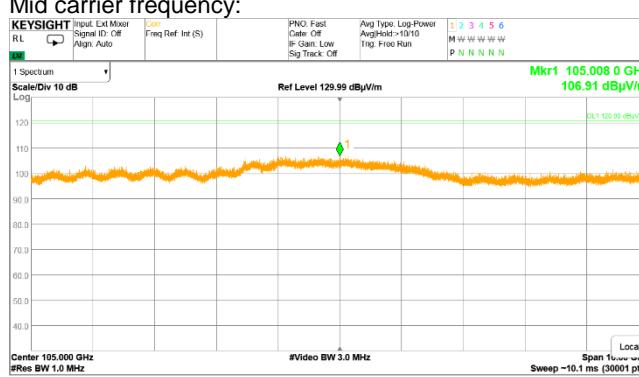
58320 MHz

**Mid carrier frequency:**

60480 MHz

**Mid carrier frequency:**

62640 MHz





HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict:	
Date(s): 05-Jun-24				
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC	
Remarks:				

Plot 7.4.14 Spurious emission measurements in 100 - 110 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.5 m

MODULATION:

16QAM

ANTENNA POLARIZATION:

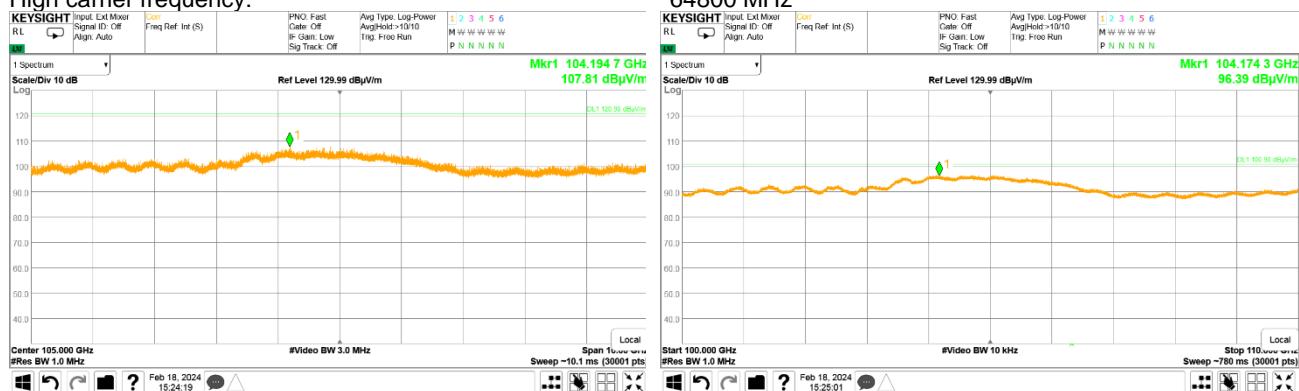
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz

High carrier frequency:

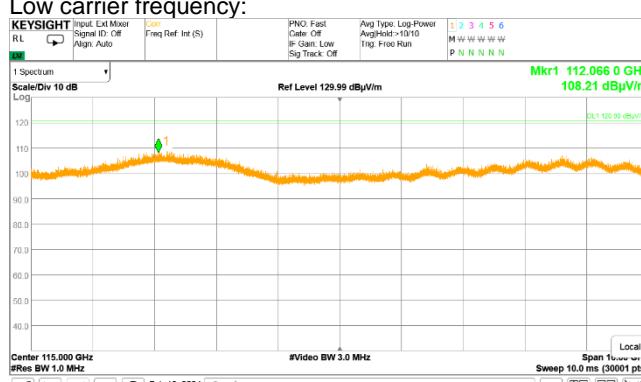
64800 MHz





HERMON LABORATORIES

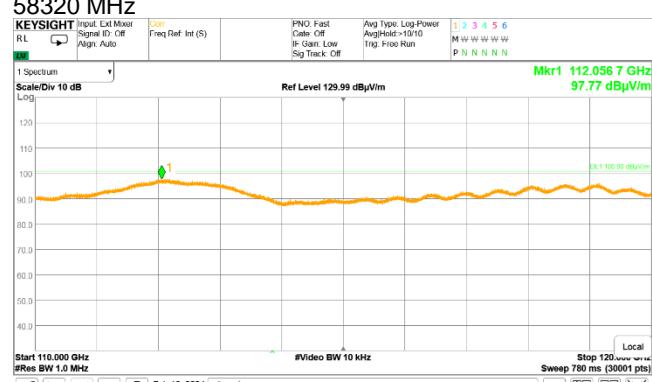
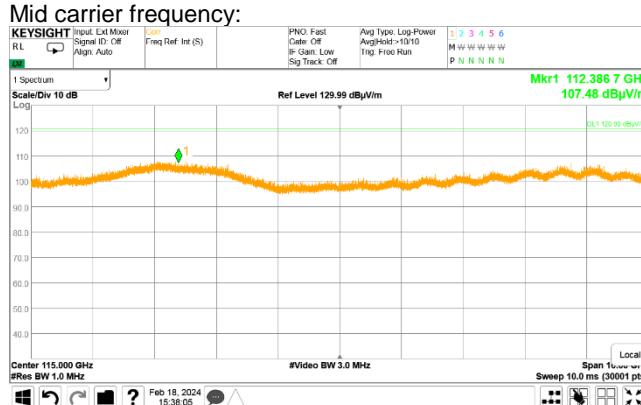
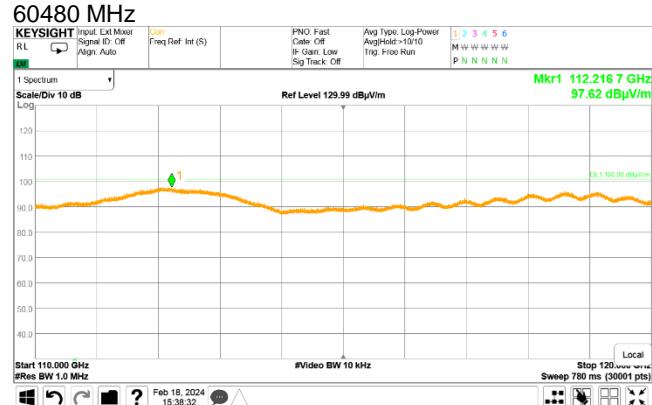
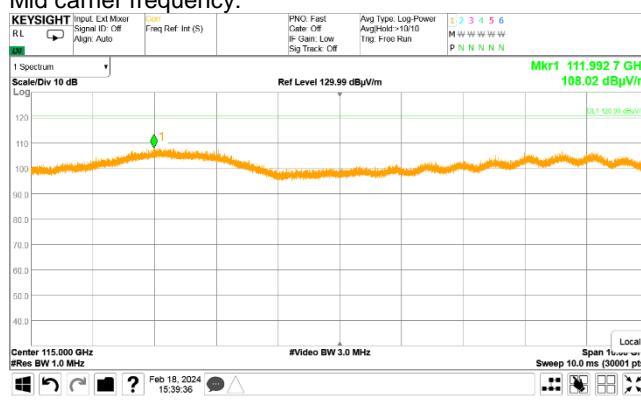
Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.15 Spurious emission measurements in 110 - 120 GHz range**TEST SITE:****TEST DISTANCE:****MODULATION:****ANTENNA POLARIZATION:****DETECTOR:** Peak RBW = 1 MHz; VBW = 3 MHz**Low carrier frequency:****OATS**

0.5 m

16QAM

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz**58320 MHz****Mid carrier frequency:****60480 MHz****Mid carrier frequency:****62640 MHz**



HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict:	
Date(s): 05-Jun-24				
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC	
Remarks:				

Plot 7.4.16 Spurious emission measurements in 110 - 120 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.5 m

MODULATION:

16QAM

ANTENNA POLARIZATION:

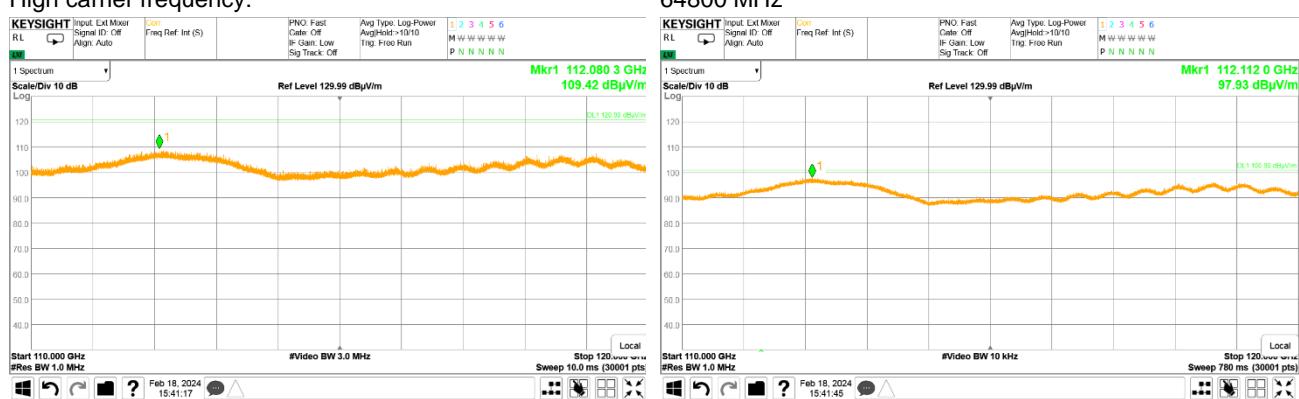
Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz

High carrier frequency:

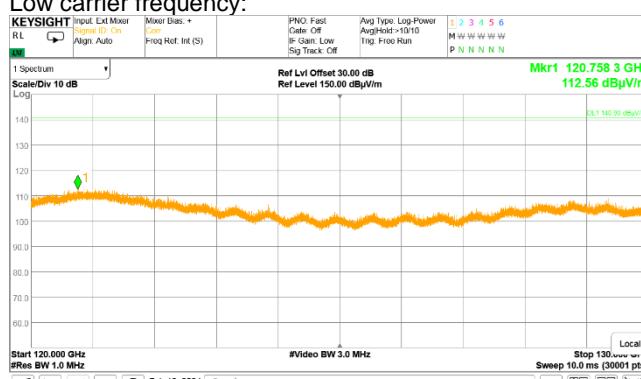
64800 MHz





HERMON LABORATORIES

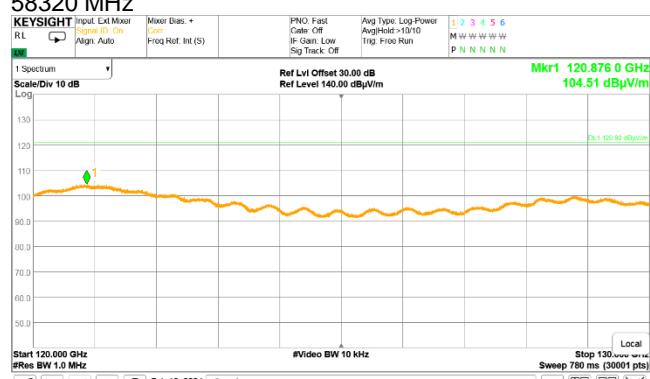
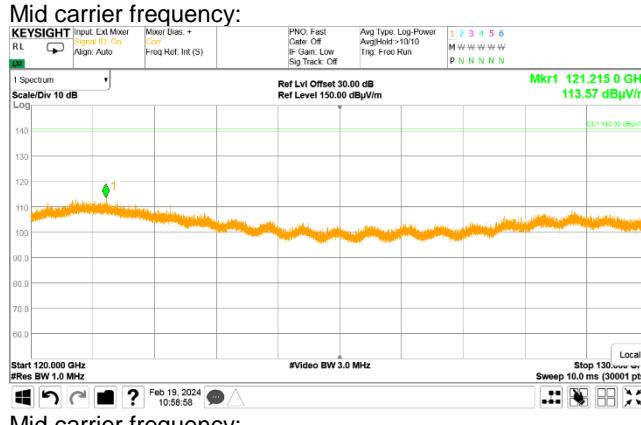
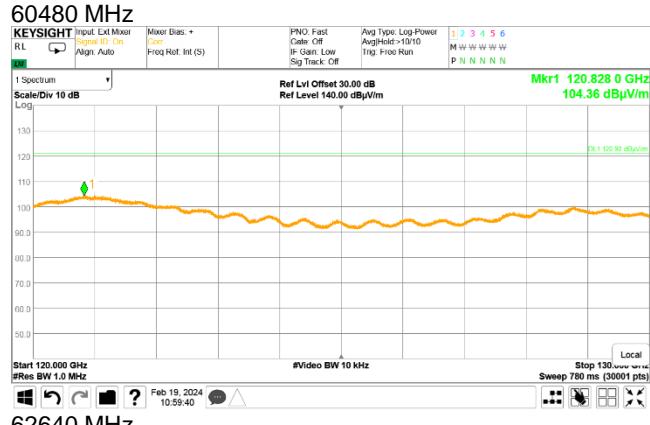
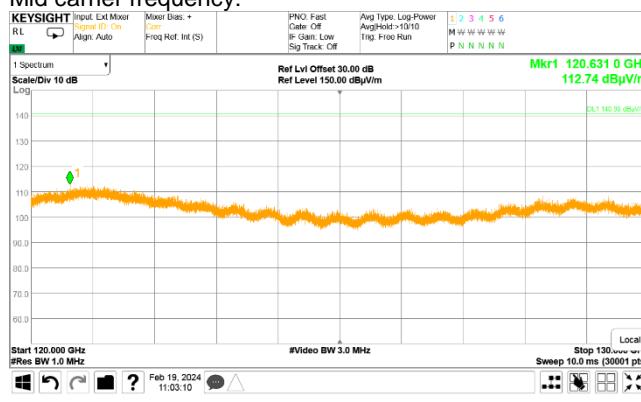
Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz			
Test procedure: ANSI C63.10, Sections 9.9, 9.12			
Test mode: Compliance			
Date(s): 05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.17 Spurious emission measurements in 120 - 130 GHz range**TEST SITE:****TEST DISTANCE:****MODULATION:****ANTENNA POLARIZATION:****DETECTOR:** Peak RBW = 1 MHz; VBW = 3 MHz**Low carrier frequency:****OATS**

0.05 m

16QAM

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz**58320 MHz****Mid carrier frequency:****60480 MHz****Mid carrier frequency:****62640 MHz**



HERMON LABORATORIES

Test specification: FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz				
Test procedure: ANSI C63.10, Sections 9.9, 9.12				
Test mode: Compliance			Verdict:	
Date(s): 05-Jun-24				
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC	
Remarks:				

Plot 7.4.18 Spurious emission measurements in 120 - 130 GHz range

TEST SITE:

OATS

TEST DISTANCE:

0.05 m

MODULATION:

16QAM

ANTENNA POLARIZATION:

Vertical and Horizontal

DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz

DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz

High carrier frequency:

64800 MHz

