



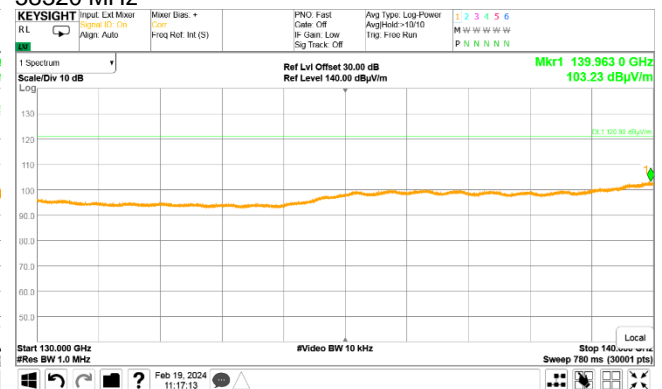
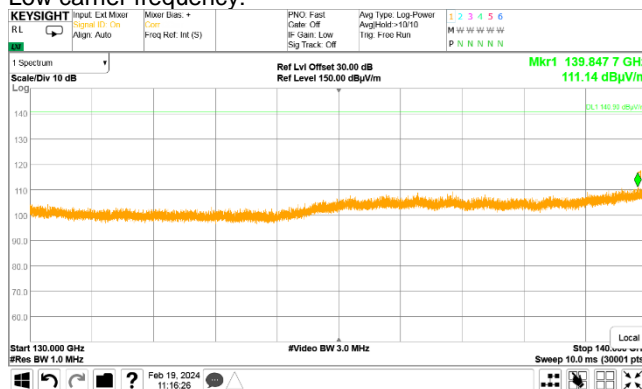
HERMON LABORATORIES

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:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

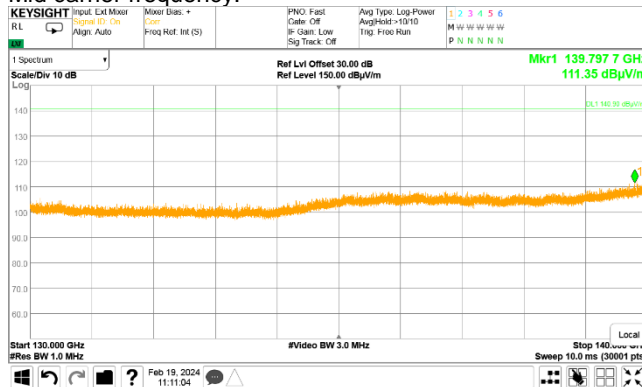
Plot 7.4.19 Spurious emission measurements in 130 - 140 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
Low carrier frequency:

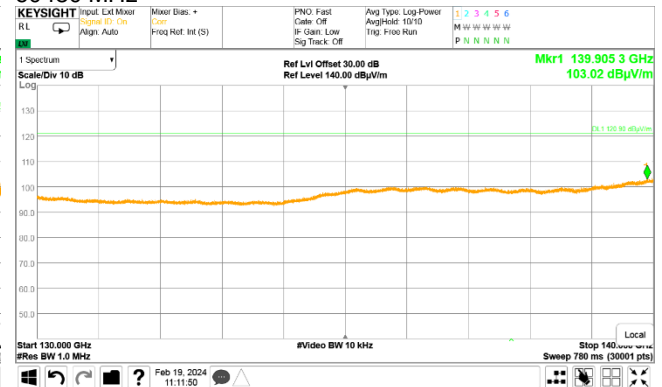
OATS
0.05 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
58320 MHz



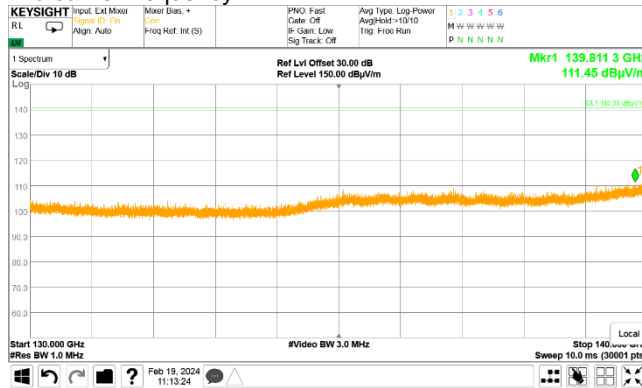
Mid carrier frequency:



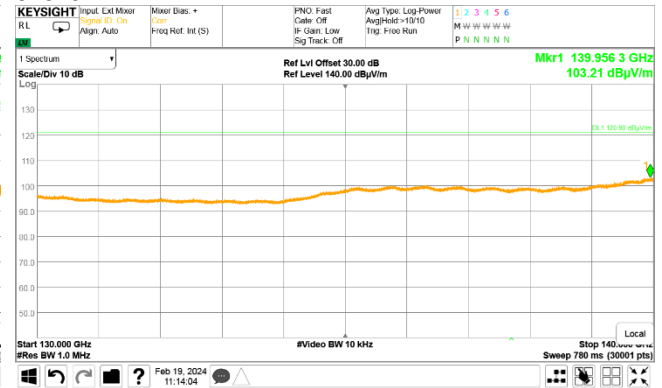
60480 MHz



Mid carrier frequency:



62640 MHz





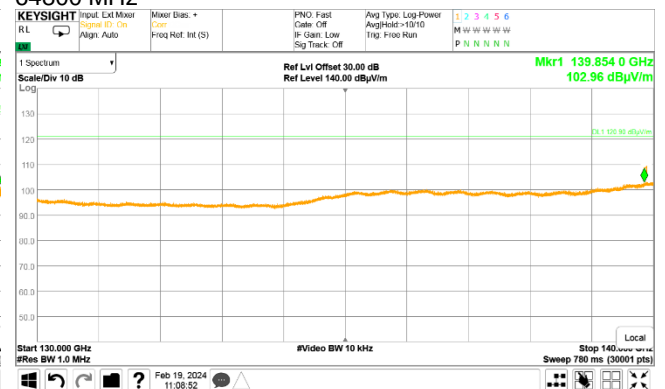
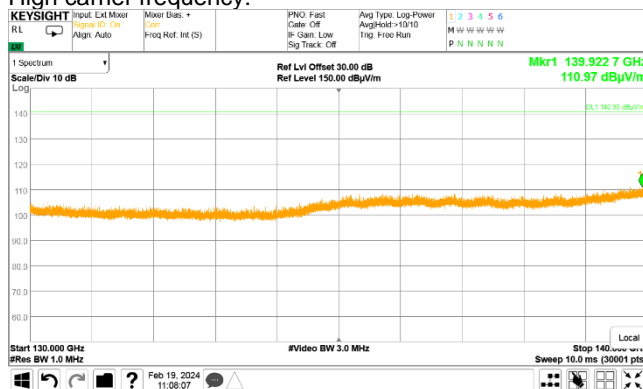
HERMON LABORATORIES

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:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.20 Spurious emission measurements in 130 - 140 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
High carrier frequency:

OATS
0.05 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
64800 MHz

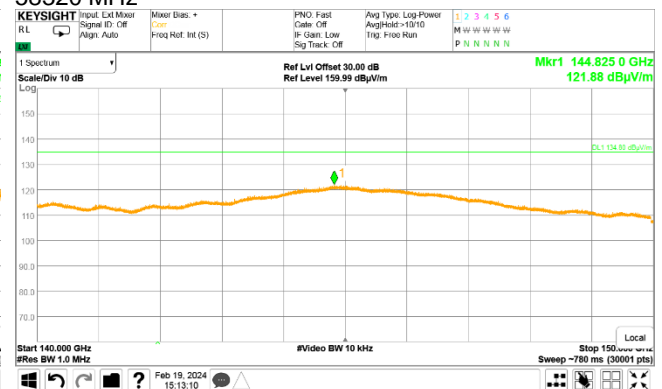
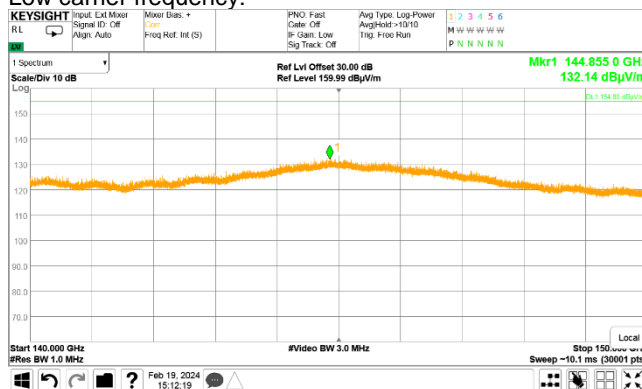


Test specification:		FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz	
Test procedure:		ANSI C63.10, Sections 9.9, 9.12	
Test mode:		Verdict:	
Date(s):			
Compliance			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC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

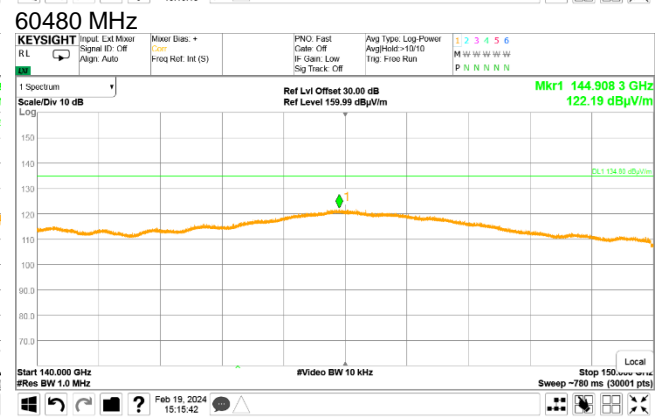
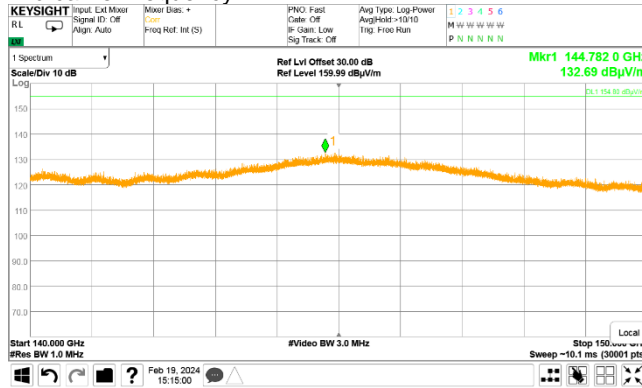
Plot 7.4.21 Spurious emission measurements in 140 - 150 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
Low carrier frequency:

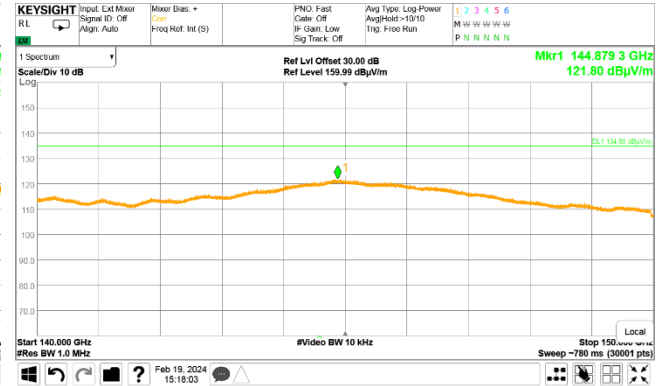
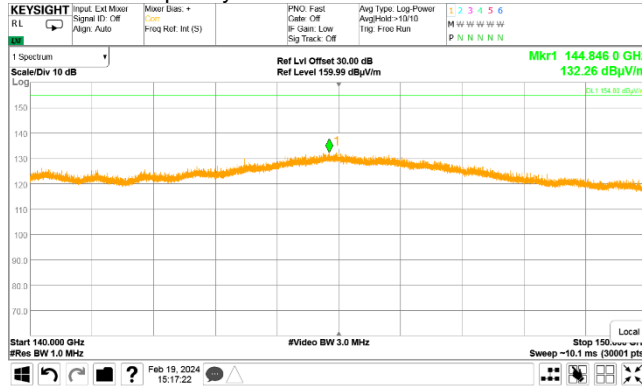
OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
58320 MHz



Mid carrier frequency:



Mid carrier frequency:





HERMON LABORATORIES

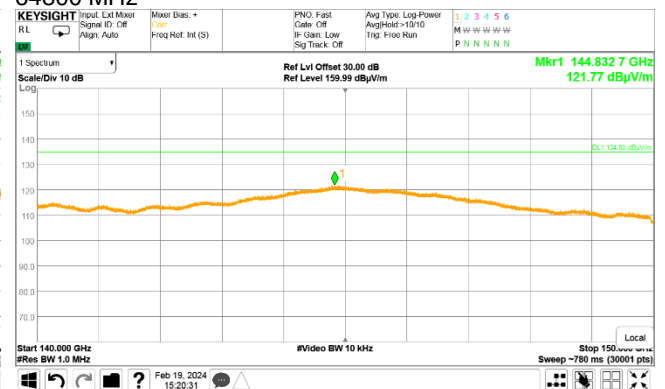
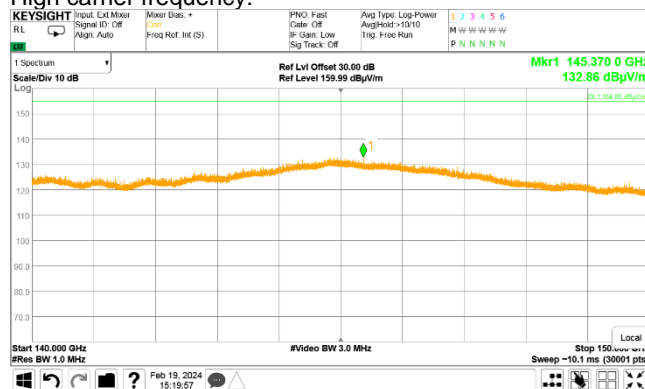
Report ID: SIKRAD_FCC.52762.docx
Date of Issue: 18-Aug-25

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:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.22 Spurious emission measurements in 140 - 150 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
High carrier frequency:

OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
64800 MHz

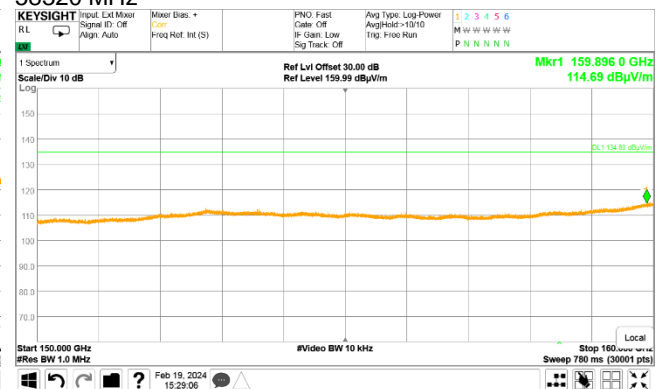
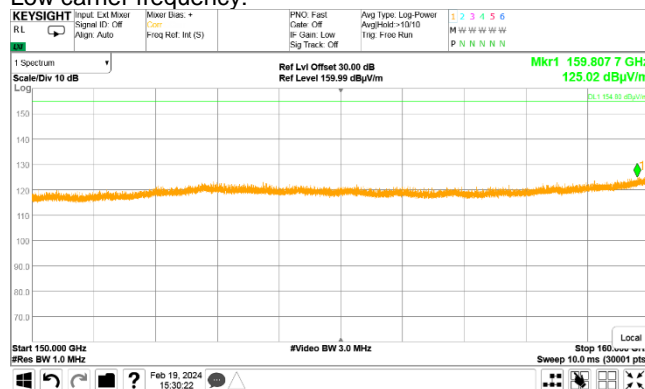


Test specification:		FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz	
Test procedure:		ANSI C63.10, Sections 9.9, 9.12	
Test mode:		Verdict:	
Date(s):			
Compliance			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC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

Plot 7.4.23 Spurious emission measurements in 150 - 160 GHz range

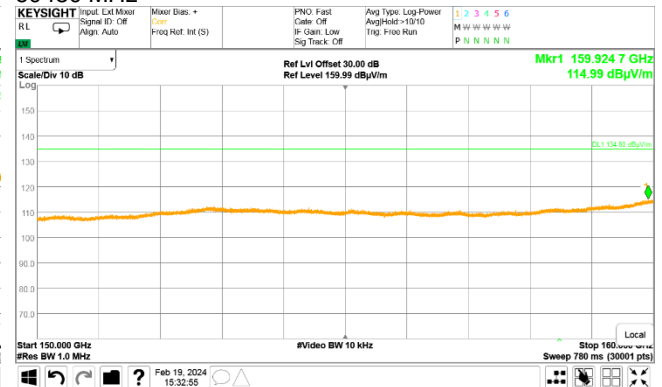
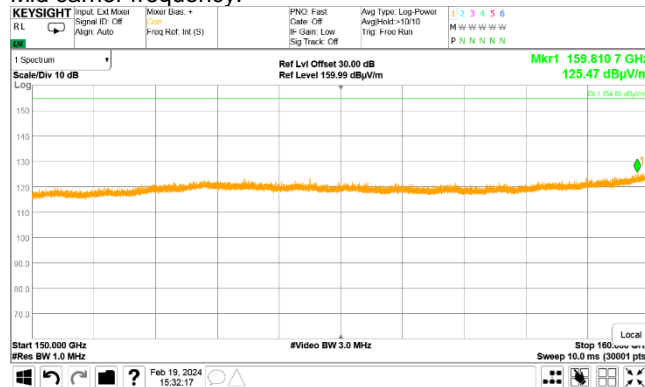
TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
Low carrier frequency:

OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
58320 MHz



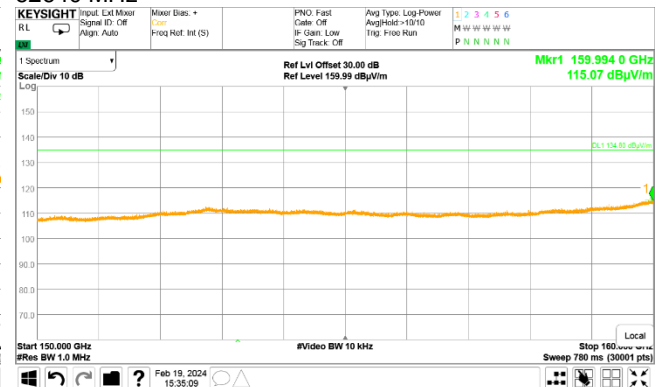
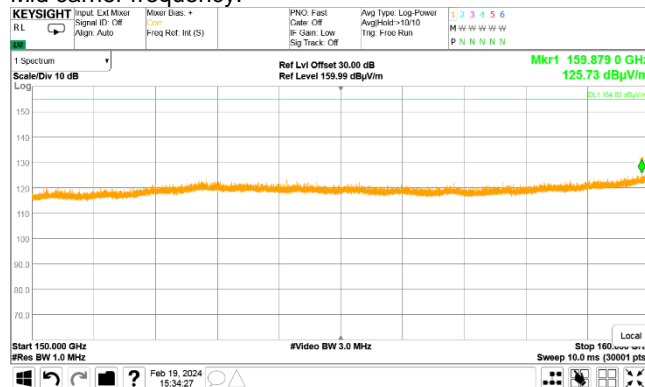
Mid carrier frequency:

60480 MHz



Mid carrier frequency:

62640 MHz





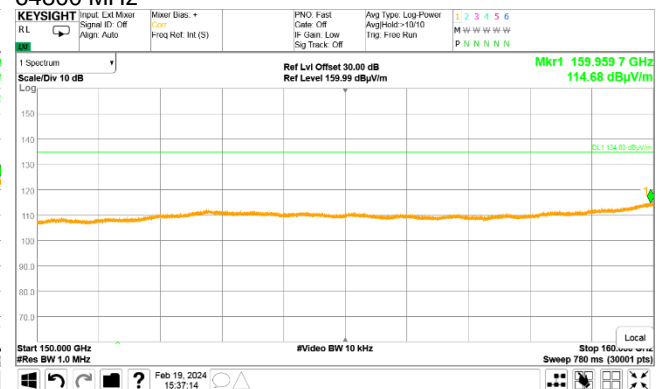
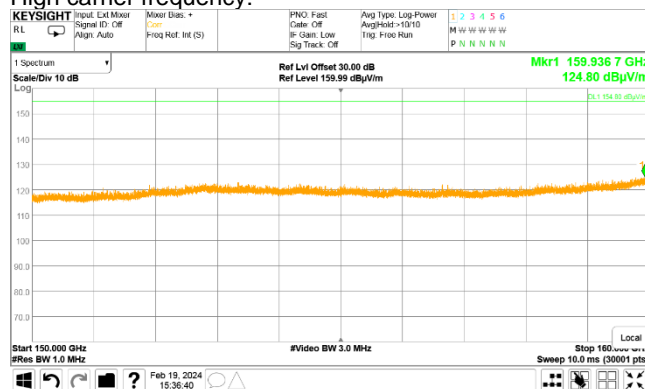
HERMON LABORATORIES

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:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.24 Spurious emission measurements in 150 - 160 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
High carrier frequency:

OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
64800 MHz

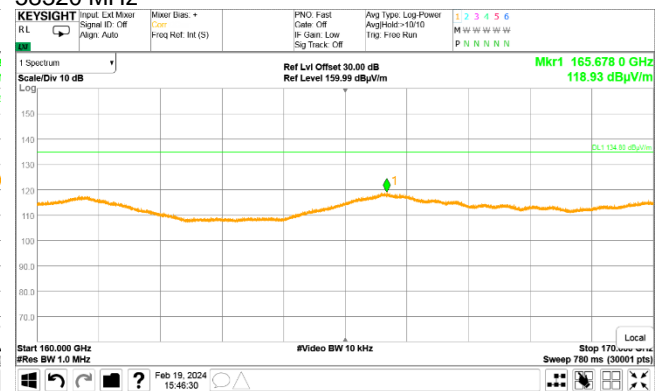
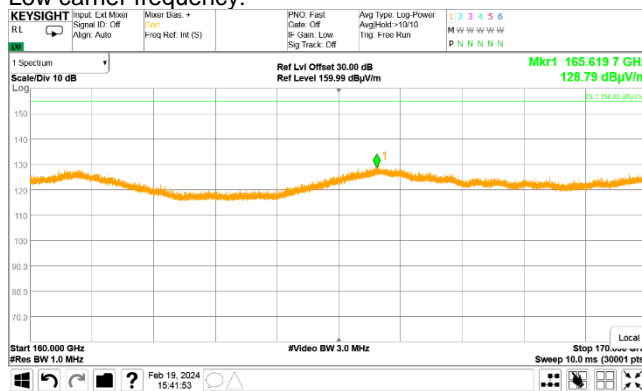


Test specification:		FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz	
Test procedure:		ANSI C63.10, Sections 9.9, 9.12	
Test mode:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

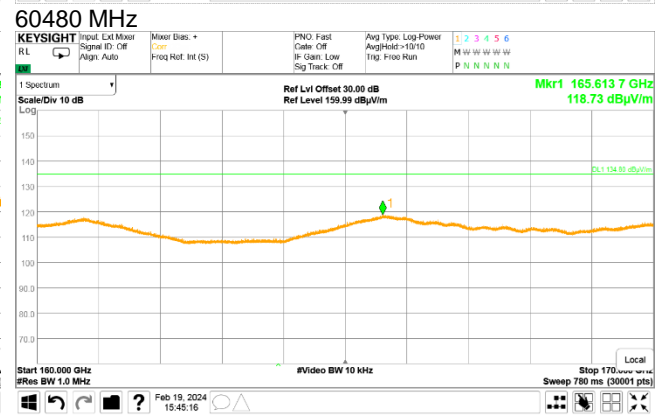
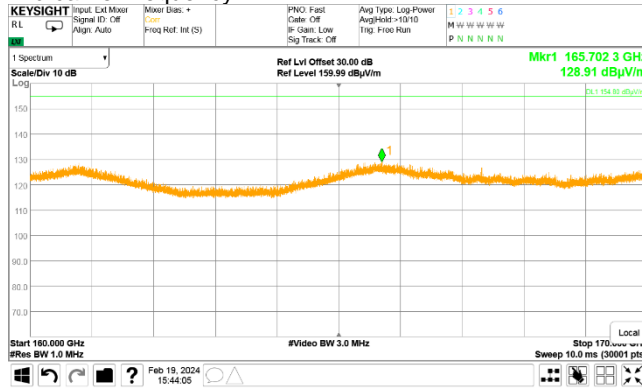
Plot 7.4.25 Spurious emission measurements in 160 - 170 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
Low carrier frequency:

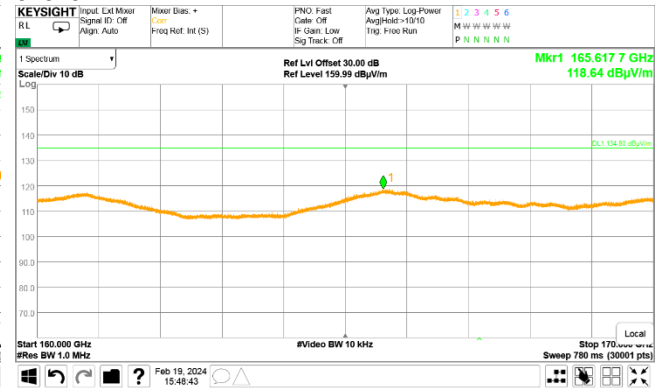
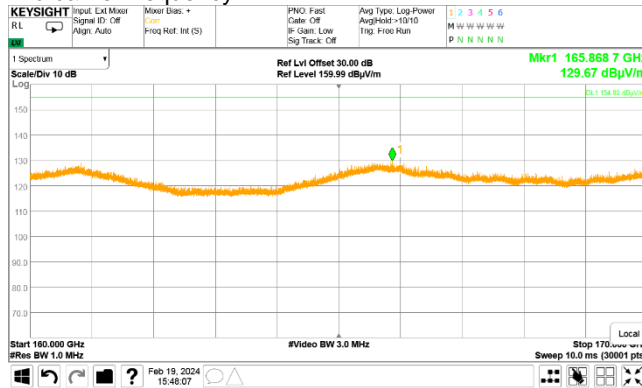
OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
58320 MHz



Mid carrier frequency:



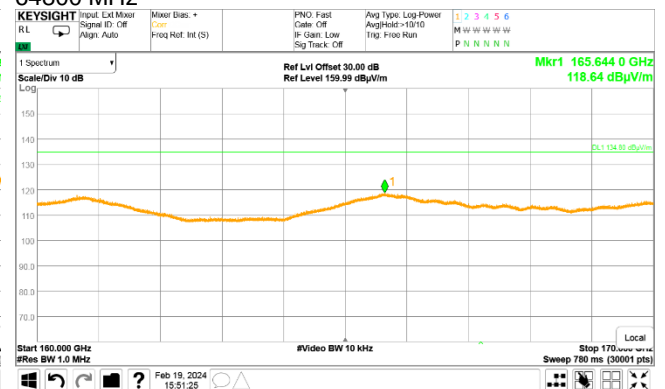
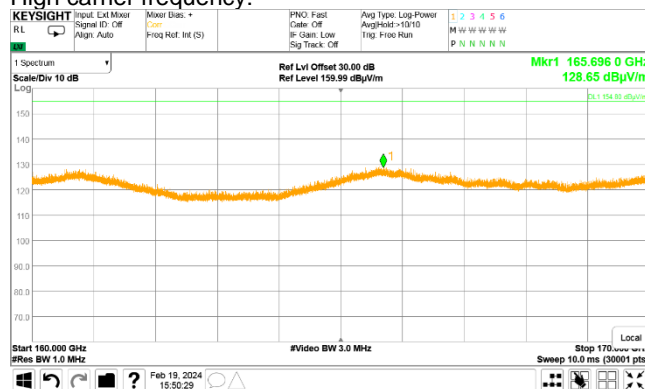
Mid carrier frequency:





TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
High carrier frequency:

OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
64800 MHz

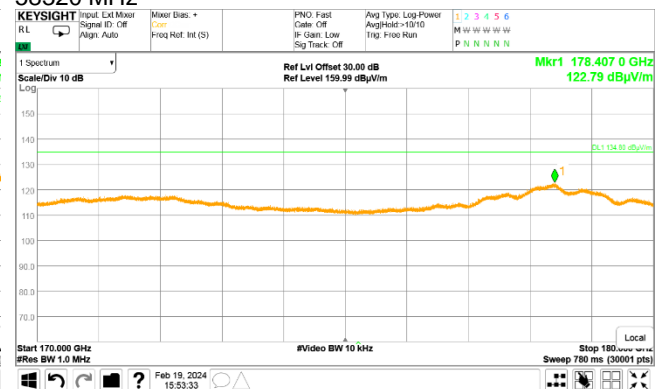
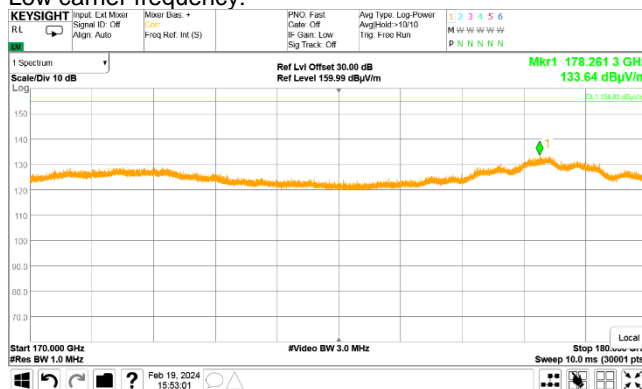


Test specification:		FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz	
Test procedure:		ANSI C63.10, Sections 9.9, 9.12	
Test mode:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.27 Spurious emission measurements in 170 - 180 GHz range

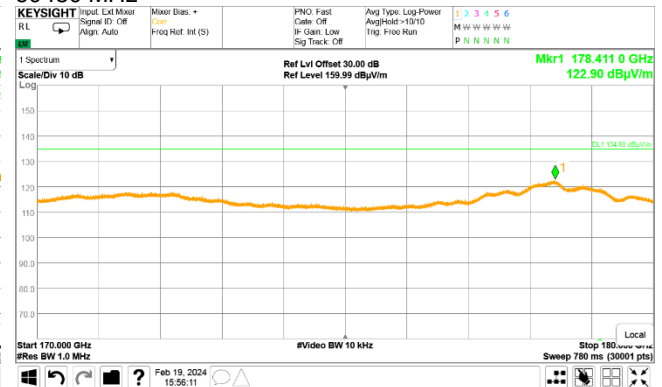
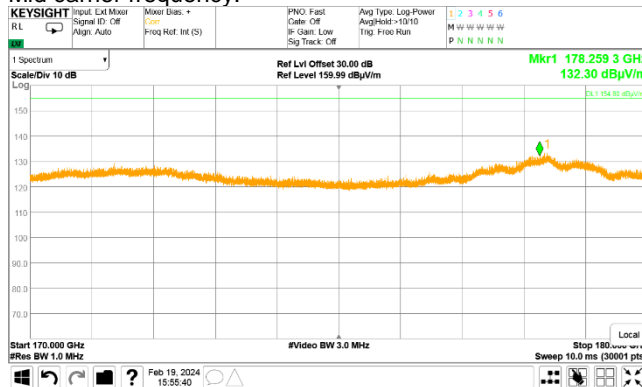
TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
Low carrier frequency:

OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
58320 MHz



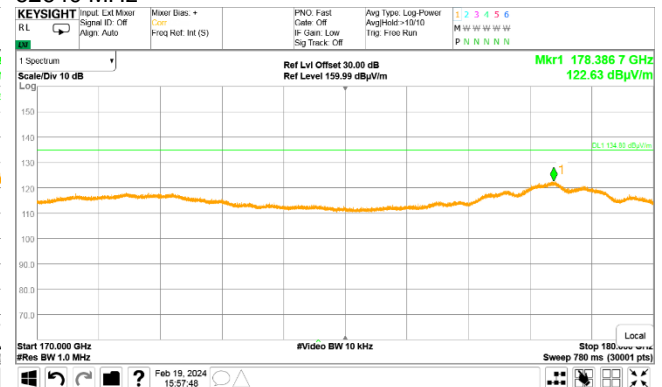
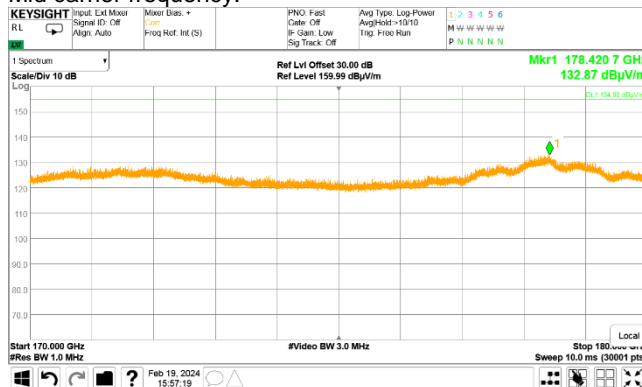
Mid carrier frequency:

60480 MHz



Mid carrier frequency:

62640 MHz



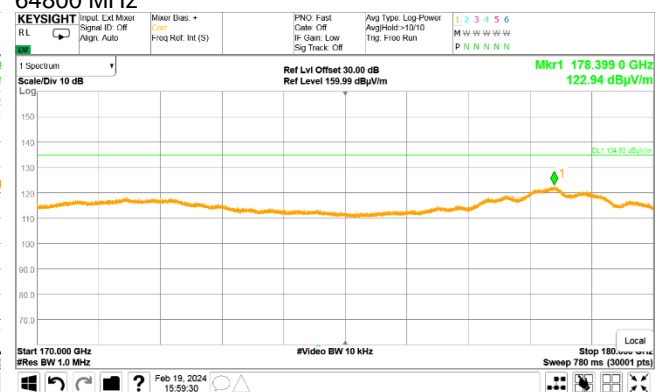
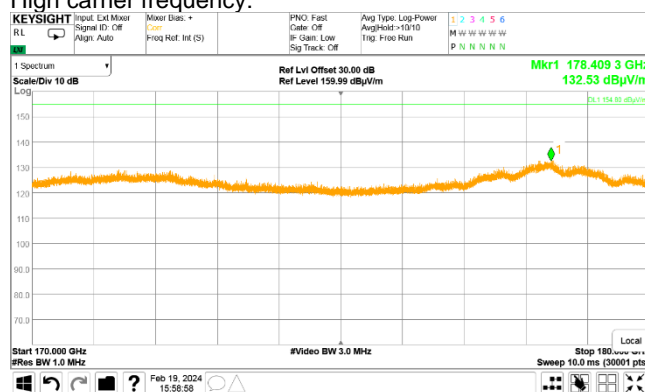


Test specification:		FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz	
Test procedure:		ANSI C63.10, Sections 9.9, 9.12	
Test mode:		Verdict:	
Date(s):			
Compliance			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC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

Plot 7.4.28 Spurious emission measurements in 170 - 180 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
High carrier frequency:

OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
64800 MHz

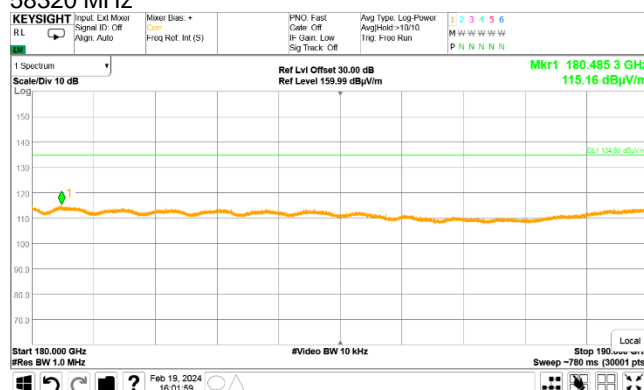
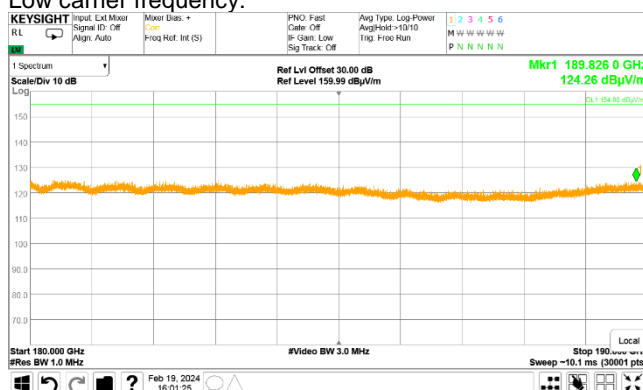


Test specification:		FCC Section 15.255(d)(3), RSS-210 section J.3, Out of band radiated emissions above 40 GHz	
Test procedure:		ANSI C63.10, Sections 9.9, 9.12	
Test mode:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

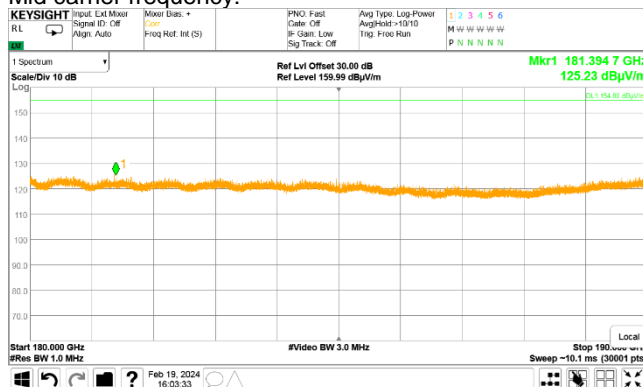
Plot 7.4.29 Spurious emission measurements in 180 - 190 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
Low carrier frequency:

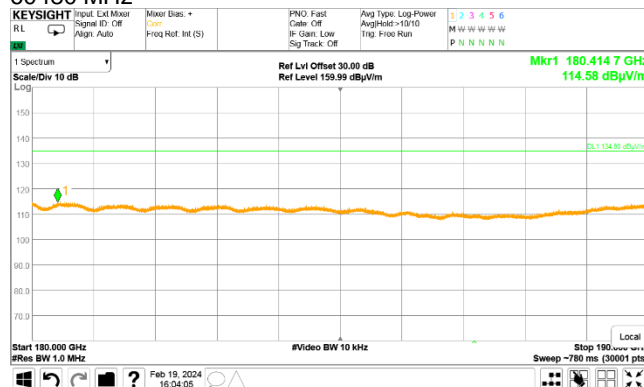
OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
58320 MHz



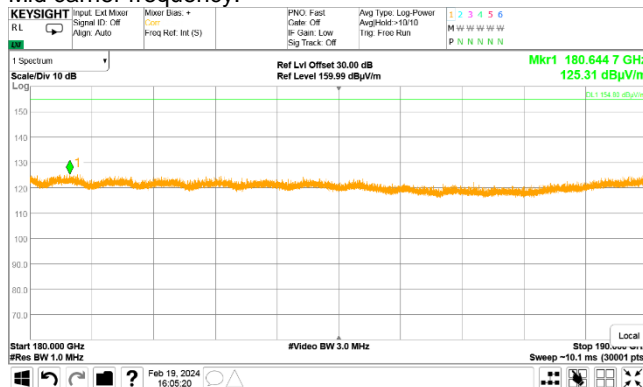
Mid carrier frequency:



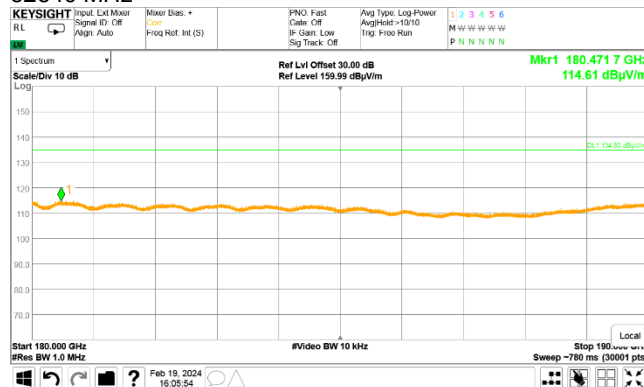
60480 MHz



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:		Verdict:	
Date(s):			
05-Jun-24			
Temperature: 23 °C	Relative Humidity: 45 %	Air Pressure: 1005 hPa	Power: 48 VDC
Remarks:			

Plot 7.4.30 Spurious emission measurements in 180 - 190 GHz range

TEST SITE:
TEST DISTANCE:
MODULATION:
ANTENNA POLARIZATION:
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
High carrier frequency:

OATS
0.01 m
16QAM
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 10 kHz
64800 MHz

