

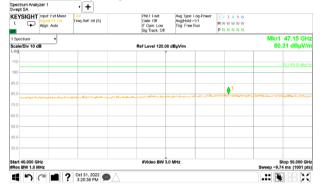
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict: PASS	
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.1 Spurious emission measurements in 40 - 50 GHz range

ANTENNA POLARIZATION:

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

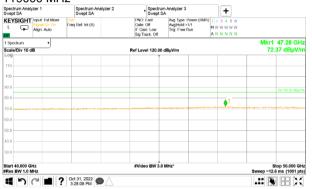
Low carrier frequency:

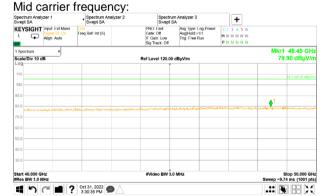


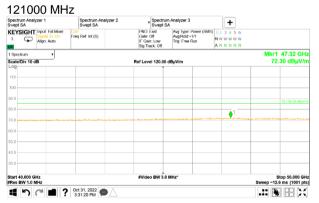
OATS 3 m CW

Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz





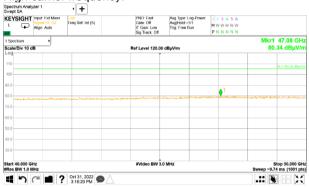




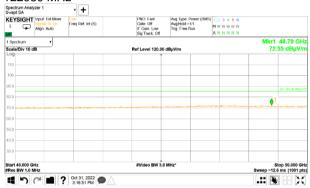
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict: PASS	
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.2 Spurious emission measurements in 40 - 50 GHz range (continuation)

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



OATS 3 m CW Vertical and Horizontal DETECTOR: Average





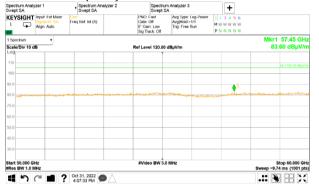
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict:	DACC
Date(s):	31-Oct-22 - 21-Nov-22	Verdict: PASS	
Temperature: 27 °C	Relative Humidity: 50 % Air Pressure: 1010 hPa Power: 5 VDC		
Remarks:			

Plot 7.4.3 Spurious emission measurements in 50 - 60 GHz range

ANTENNA POLARIZATION:

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

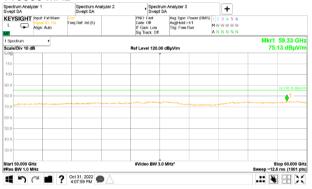
Low carrier frequency:

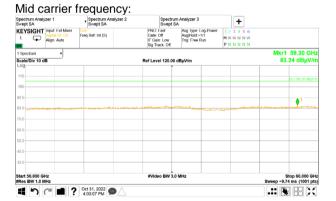


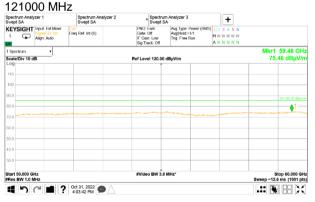
OATS 3 m CW

Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz







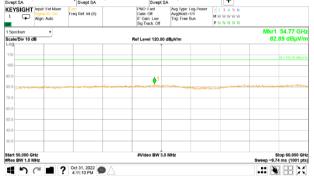


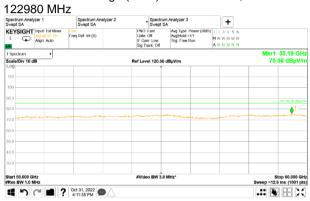
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure:	ANSI C63.10, Sections 9.9, 9.12			
Test mode:	Compliance	Vardiet. DACC		
Date(s):	31-Oct-22 - 21-Nov-22	Verdict: PASS		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC	
Remarks:				

Plot 7.4.4 Spurious emission measurements in 50 - 60 GHz range (continuation)

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

Spectrum Analyzer 3
Spectrum Analyze







Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict: PASS	
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.5 Spurious emission measurements in 60 - 70 GHz range

ANTENNA POLARIZATION:

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

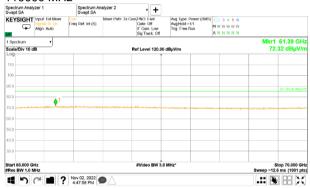
Low carrier frequency:



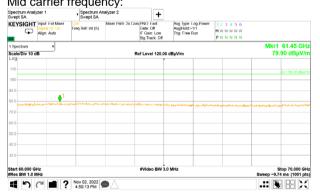
OATS 3 m CW

Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz







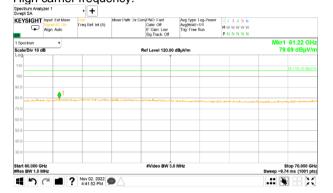




Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure:	ANSI C63.10, Sections 9.9, 9.12			
Test mode:	Compliance	Vardiet. DACC		
Date(s):	31-Oct-22 - 21-Nov-22	Verdict: PASS		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC	
Remarks:				

Plot 7.4.6 Spurious emission measurements in 60 - 70 GHz range (continuation)

TEST SITE:
OATS
TEST DISTANCE:
3 m
MODULATION:
CW
ANTENNA POLARIZATION:
Vertical and Horizontal
DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz
High carrier frequency:
DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3 MHz
122980 MHz







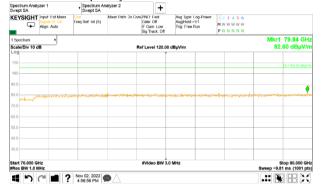
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure:	ANSI C63.10, Sections 9.9, 9.12			
Test mode:	Compliance	Vardiet. DACC		
Date(s):	31-Oct-22 - 21-Nov-22	Verdict: PASS		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC	
Remarks:				

Plot 7.4.7 Spurious emission measurements in 70 - 80 GHz range

ANTENNA POLARIZATION:

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

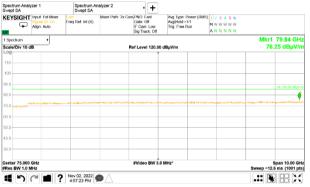
Low carrier frequency:



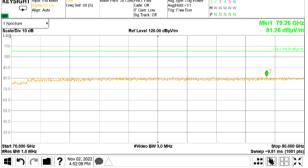
OATS 3 m CW

Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz











Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict: PASS	
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.8 Spurious emission measurements in 70 - 80 GHz range (continuation)

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

Spectors/Analyzer 1

Spectors/Analyzer 1

Spectors/Analyzer 2

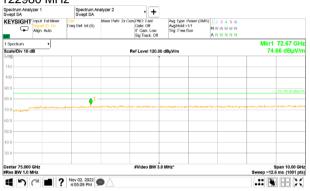
Spectors/Analyzer 1

Spectors/A



OATS 3 m CW

Vertical and Horizontal





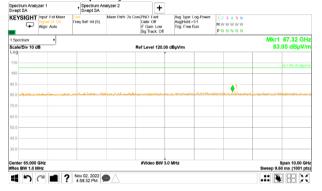
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict: PASS	
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.9 Spurious emission measurements in 80 - 90 GHz range

ANTENNA POLARIZATION:

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

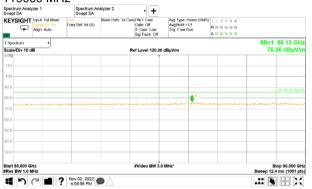
Low carrier frequency:

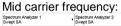


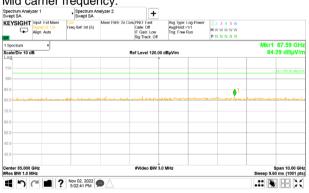
OATS 3 m CW

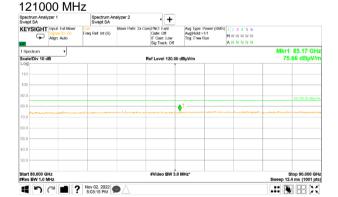
Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz











Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure:	ANSI C63.10, Sections 9.9, 9.12			
Test mode:	Compliance	Vardiet. DACC		
Date(s):	31-Oct-22 - 21-Nov-22	Verdict: PASS		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC	
Remarks:				

Plot 7.4.10 Spurious emission measurements in 80 - 90 GHz range (continuation)

TEST SITE: OATS **TEST DISTANCE:** 3 m CW MODULATION: ANTENNA POLARIZATION: Vertical and Horizontal DETECTOR: Peak RBW = 1 MHz; VBW = 3 MHz DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz 122980 MHz High carrier frequency: Spectrum Analyzer 1 Swept SA KEYSIGHT Input: Ext Moxer Signal ID: On Align: Auto Spectrum Analyz Swept SA KEYSIGHT Input Ext Mixer Signal ID: On Align: Auto 1 Spectrum Scale/Div 10 dB Mkr1 89.04 GHz 83.81 dBµV/m 1 Spectrum V Scale/Div 10 dB Ref Level 120.00 dBuV/m

Span 10.00 GHz Sweep 9.60 ms (1001 pts)

#Video BW 3.0 MHz

Nov 02, 2022 5:00:27 PM





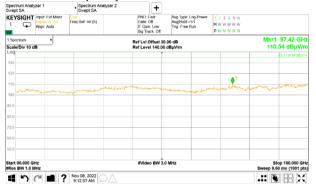
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict: PASS	
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.11 Spurious emission measurements in 90 - 100 GHz range

ANTENNA POLARIZATION:

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

Low carrier frequency:

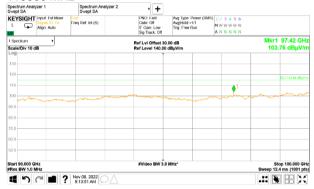


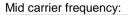
OATS 0.10 m CW

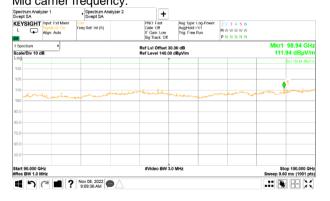
Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz

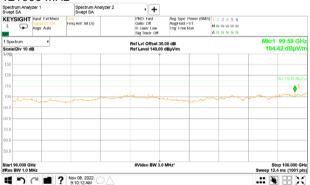
119000 MHz





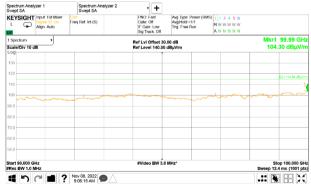






High carrier frequency:







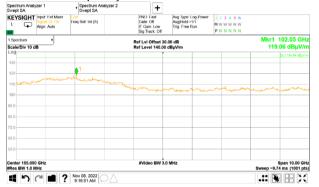
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz			
Test procedure:	ANSI C63.10, Sections 9.9, 9.12			
Test mode:	Compliance	Vardiet. DACC		
Date(s):	31-Oct-22 - 21-Nov-22	Verdict: PASS		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC	
Remarks:				

Plot 7.4.12 Spurious emission measurements in 100 - 110 GHz range

ANTENNA POLARIZATION:

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

Low carrier frequency:

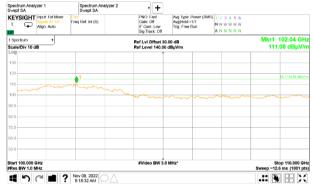


OATS 0.10 m CW

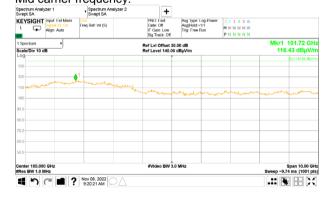
Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz







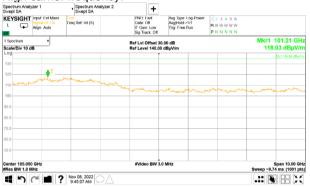






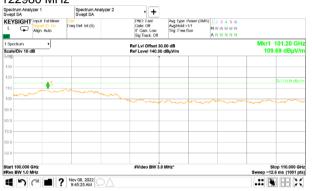
Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict:	PASS
Date(s):	31-Oct-22 - 21-Nov-22	verdict.	
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.13 Spurious emission measurements in 90 - 100 GHz range (continuation)



OATS 0.10 m CW

Vertical and Horizontal





Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict:	PASS
Date(s):	31-Oct-22 - 21-Nov-22	verdict.	
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

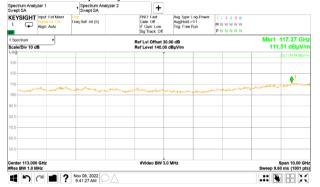
Plot 7.4.14 Spurious emission measurements in 110 - 116 GHz range

ANTENNA POLARIZATION:

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

Low carrier frequency:

■ Nov 08, 2022 ○△

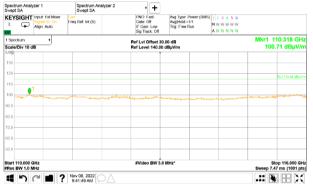


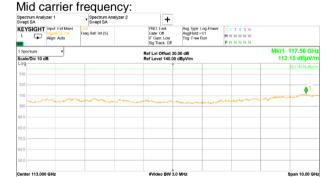
OATS 0.10 m CW

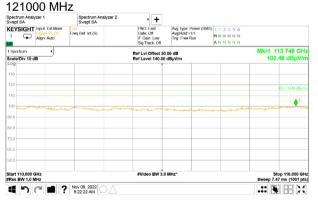
Vertical and Horizontal

DETECTOR: Average (RMS) RBW = 1 MHz; VBW = 3MHz

119000 MHz







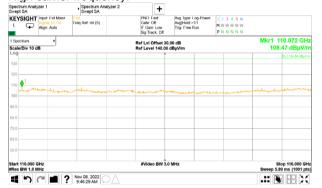


Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict:	PASS
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

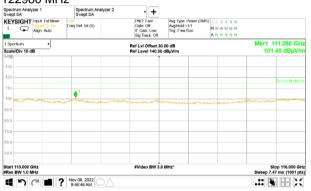
Plot 7.4.15 Spurious emission measurements in 110 - 116 GHz range (continuation)

OATS

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



0.10 m CW Vertical and Horizontal DETECTOR: Average (





Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict:	PASS
Date(s):	31-Oct-22 - 21-Nov-22		
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.16 Spurious emission measurements in 123 - 130 GHz range

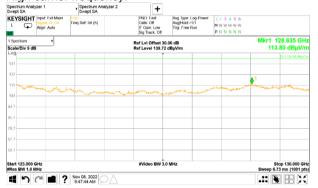




Test specification:	Section 15.258(c)(3), Out of band radiated emissions above 40 GHz up to 370 GHz		
Test procedure:	ANSI C63.10, Sections 9.9, 9.12		
Test mode:	Compliance	Verdict:	PASS
Date(s):	31-Oct-22 - 21-Nov-22	verdict.	
Temperature: 27 °C	Relative Humidity: 50 %	Air Pressure: 1010 hPa	Power: 5 VDC
Remarks:			

Plot 7.4.17 Spurious emission measurements in 123 - 130 GHz range (continuation)

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



OATS 0.10 m CW

Vertical and Horizontal

