



HERMON LABORATORIES

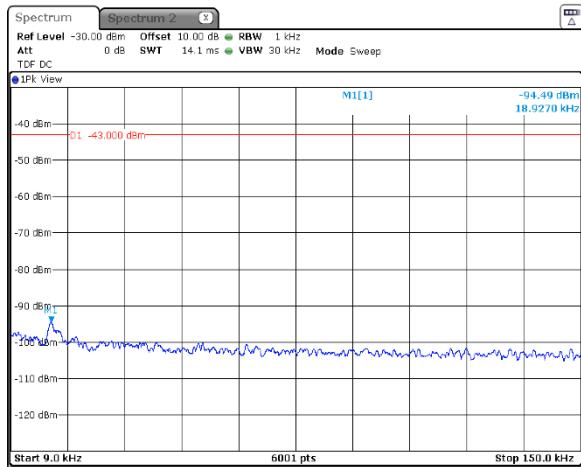
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

**Plot 7.6.1 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency**

MODULATION:

CHANNEL SPACING:

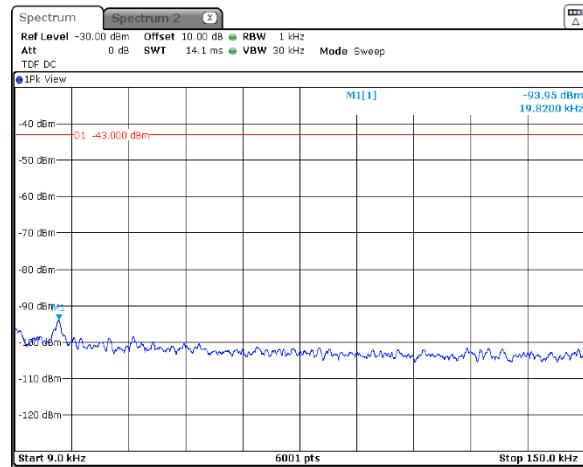
ANTENNA CHAIN: #1



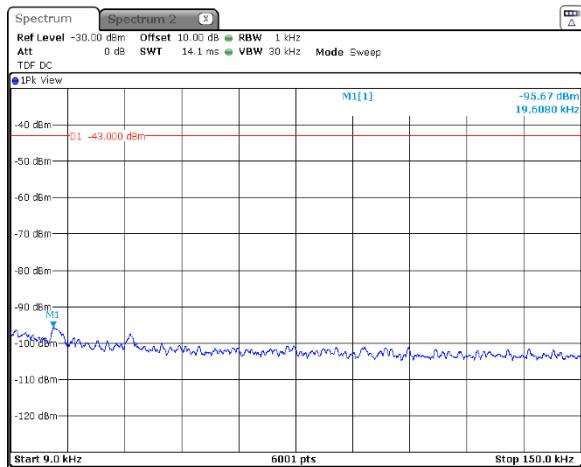
64QAM

10 MHz

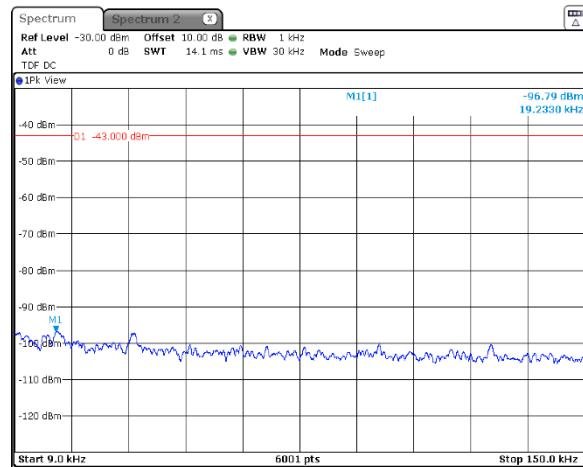
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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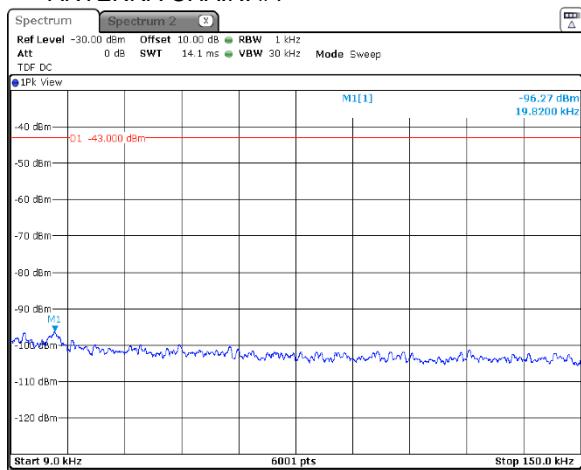
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

### Plot 7.6.2 Spurious emission measurements in 9 kHz - 150 kHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

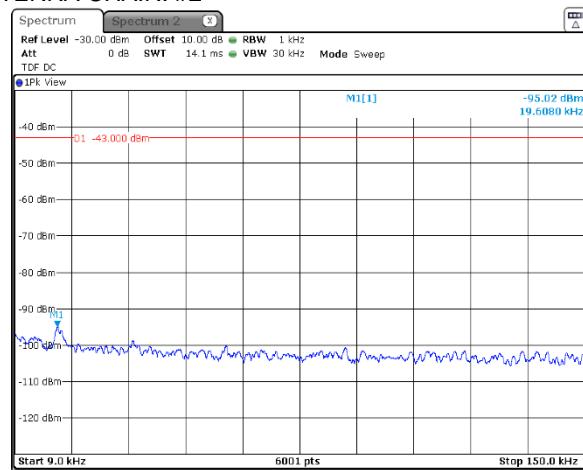
ANTENNA CHAIN: #1



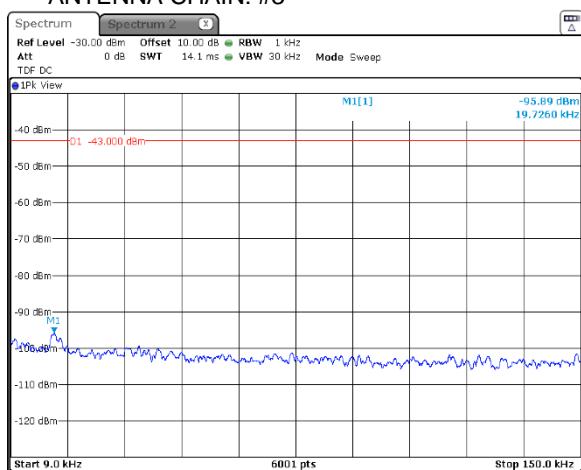
64QAM

10 MHz

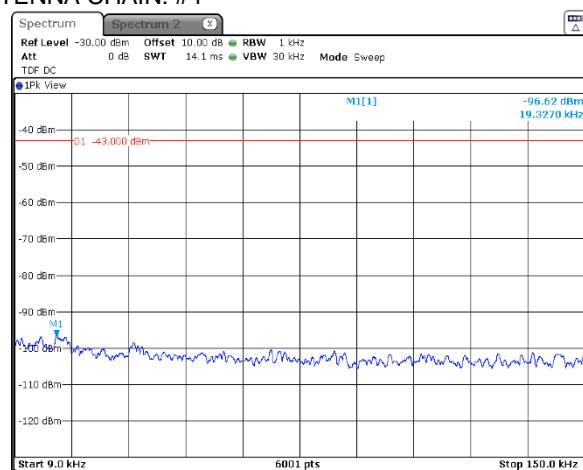
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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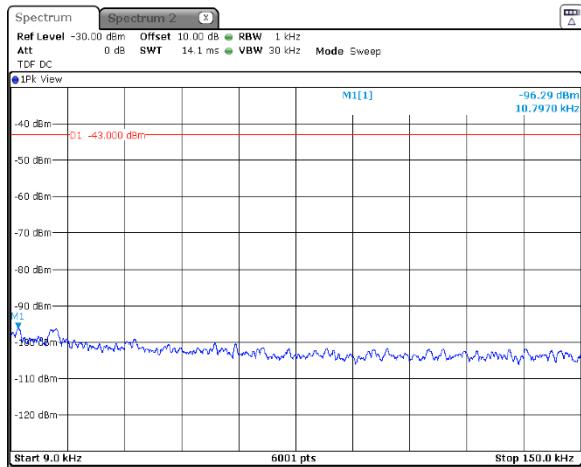
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

### Plot 7.6.3 Spurious emission measurements in 9 kHz - 150 kHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

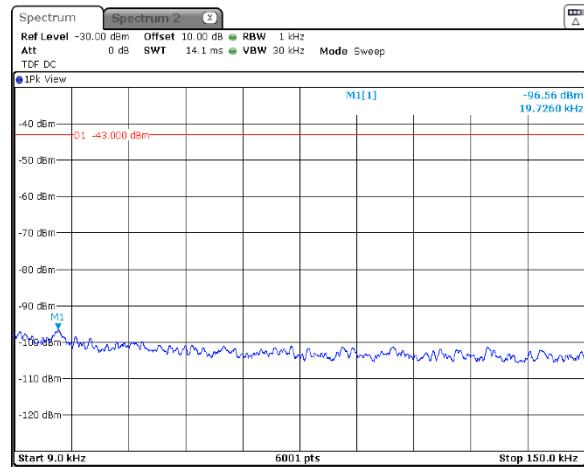
ANTENNA CHAIN: #1



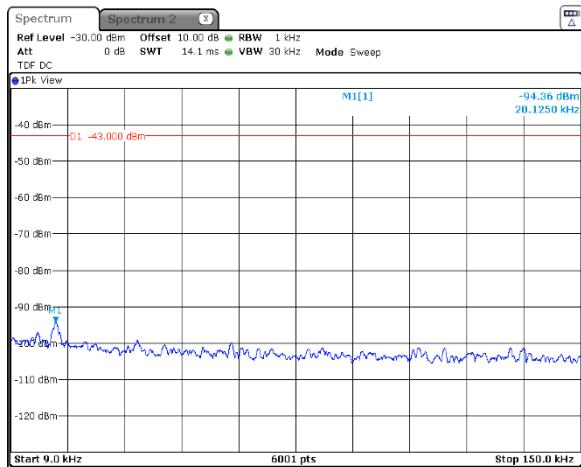
64QAM

10 MHz

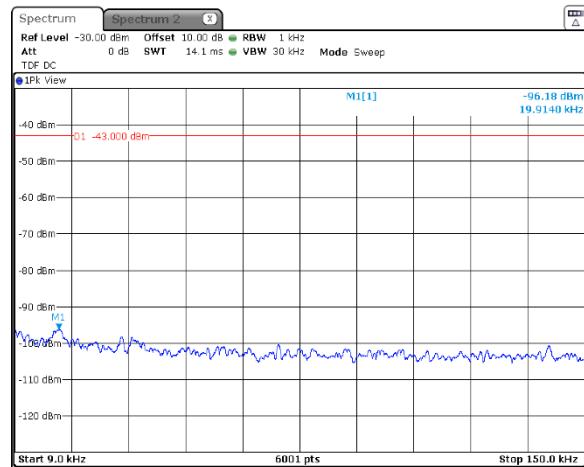
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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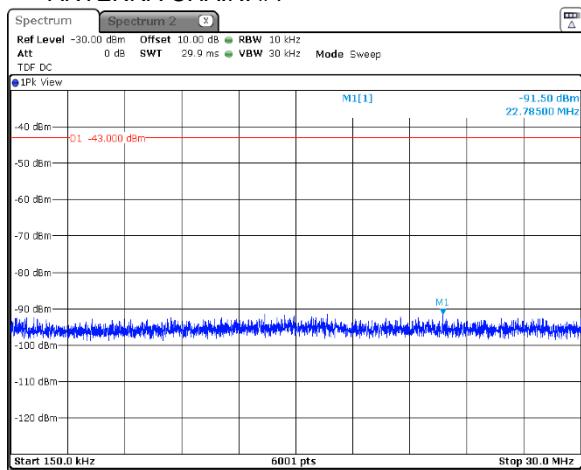
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

#### Plot 7.6.4 Spurious emission measurements in 150 kHz – 30 MHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

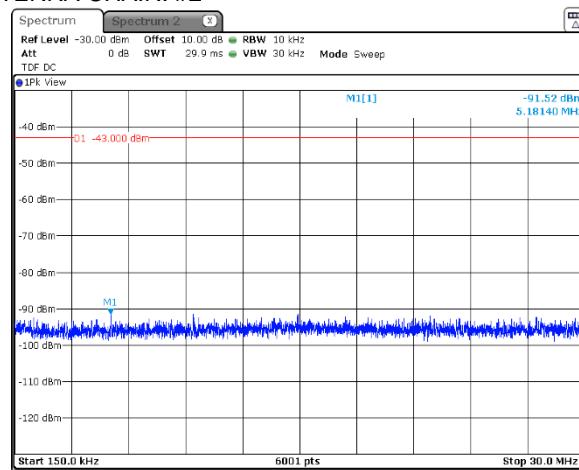
ANTENNA CHAIN: #1



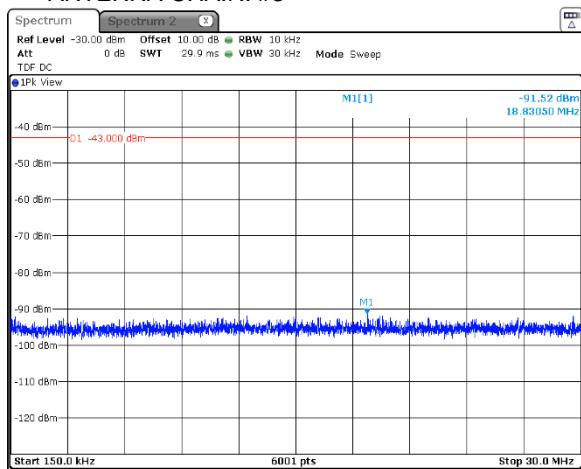
64QAM

10 MHz

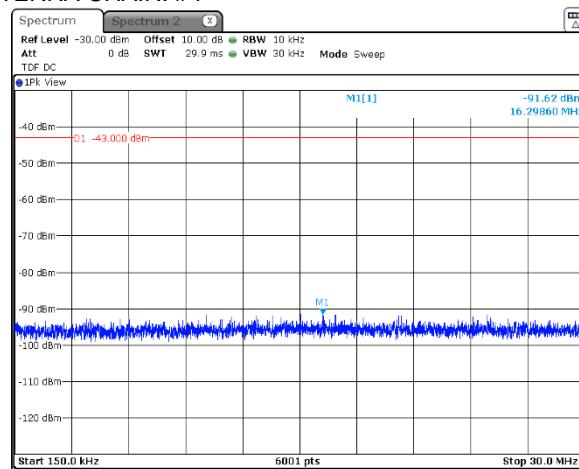
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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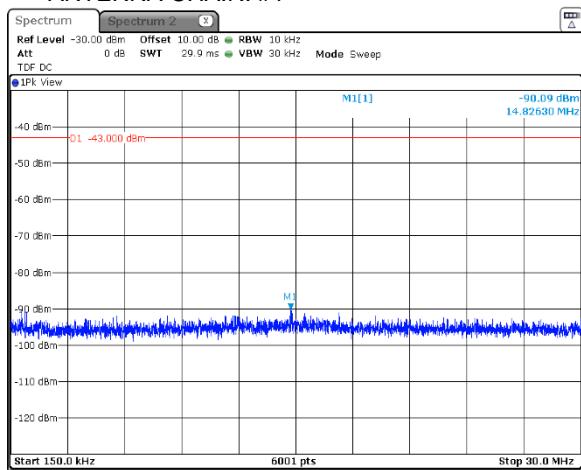
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### Plot 7.6.5 Spurious emission measurements in 150 kHz – 30 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

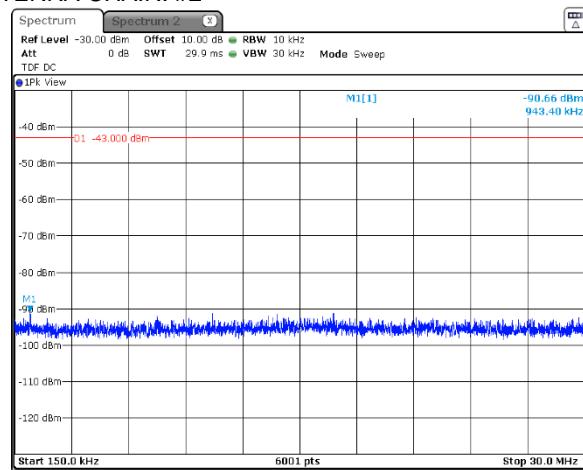
ANTENNA CHAIN: #1



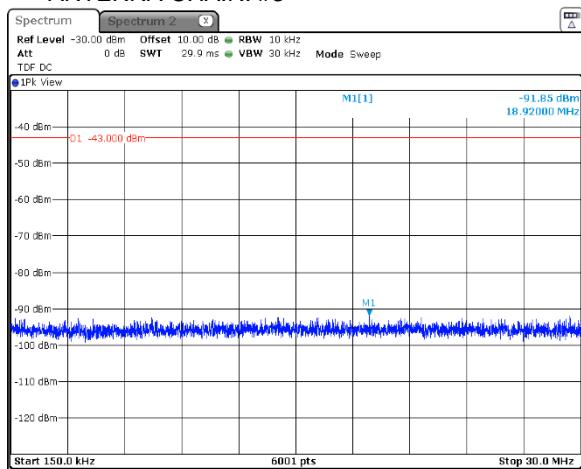
64QAM

10 MHz

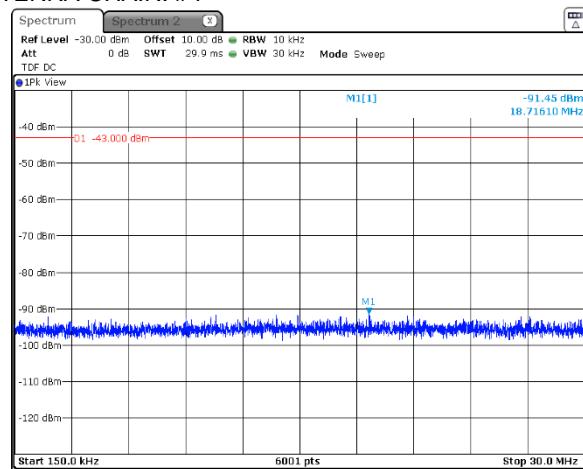
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

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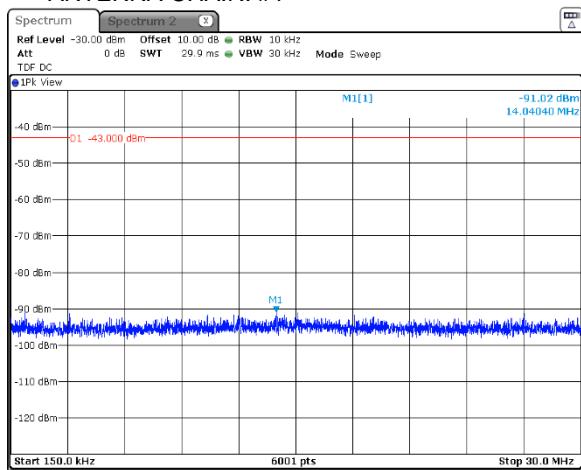
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### Plot 7.6.6 Spurious emission measurements in 150 kHz – 30 MHz range at high carrier frequency

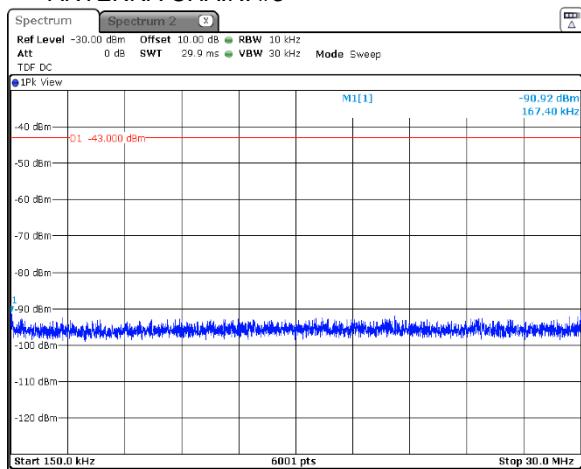
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1



ANTENNA CHAIN: #3





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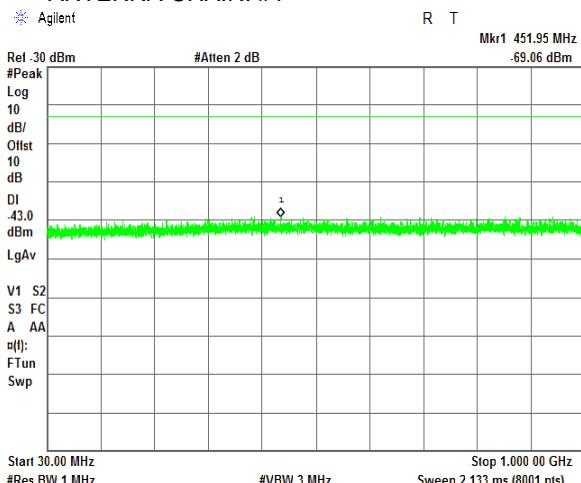
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

### Plot 7.6.7 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

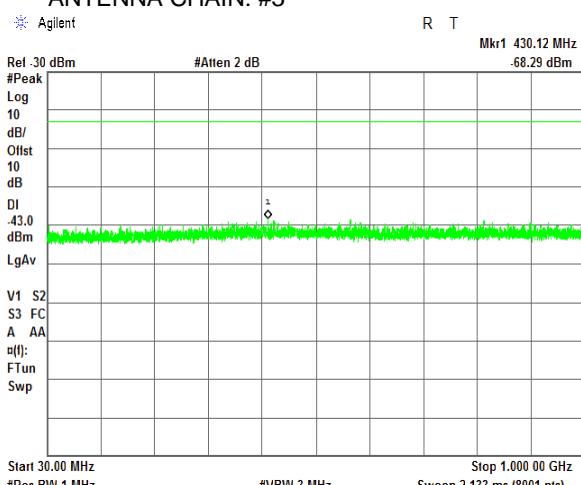
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1



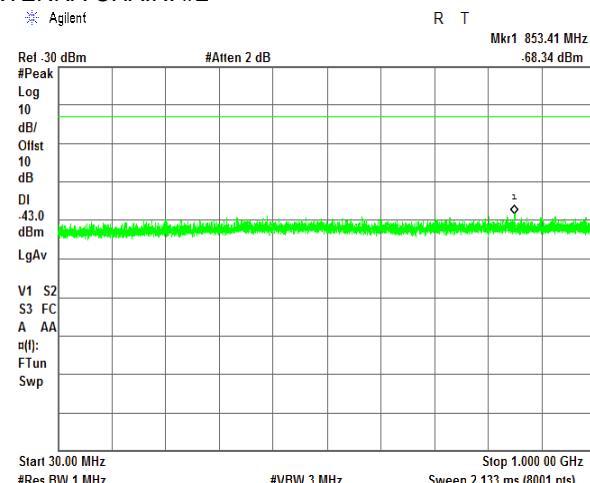
ANTENNA CHAIN: #3



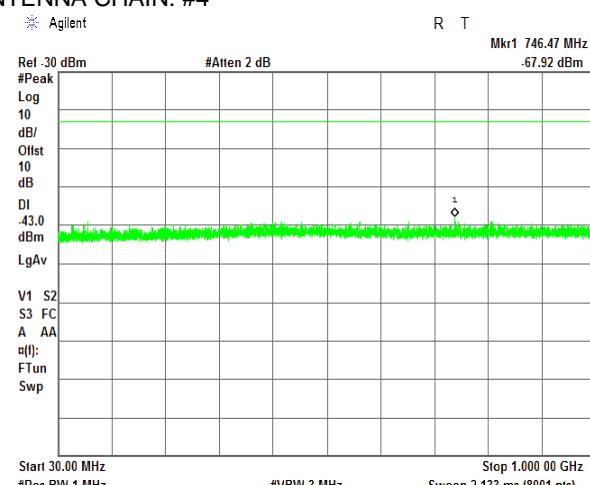
64QAM

10 MHz

ANTENNA CHAIN: #2



ANTENNA CHAIN: #4





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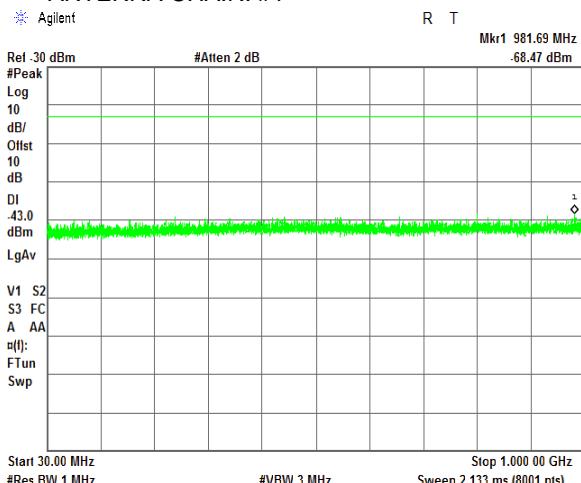
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

### Plot 7.6.8 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

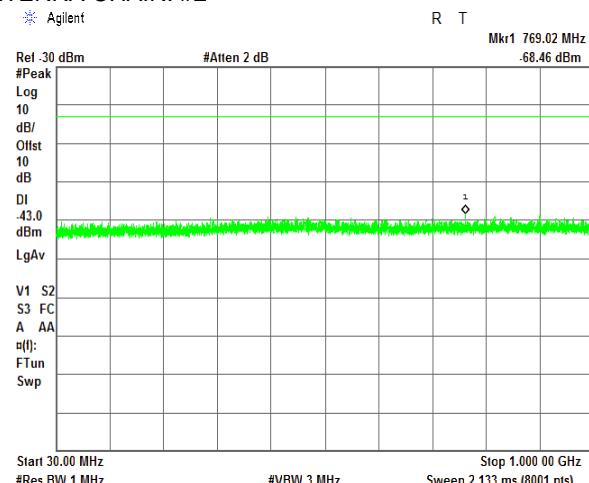
ANTENNA CHAIN: #1



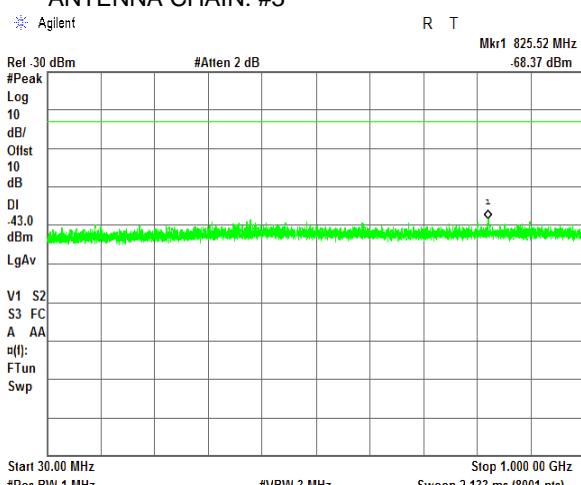
64QAM

10 MHz

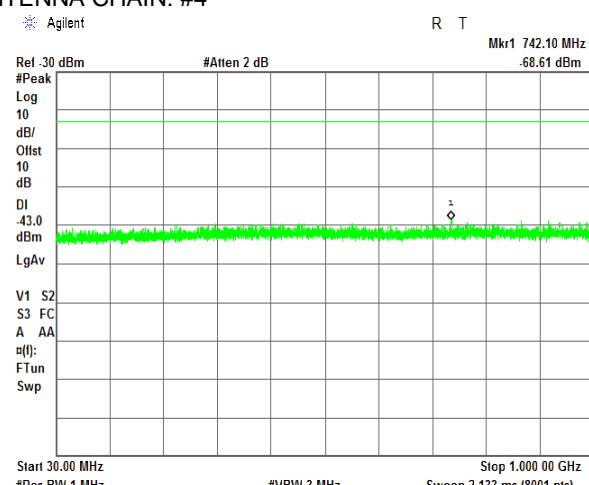
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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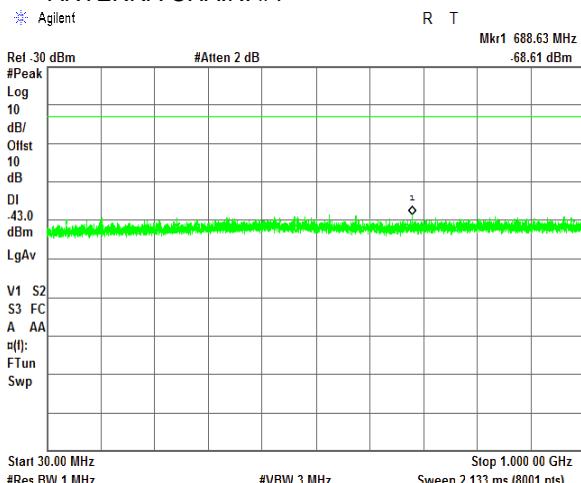
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b>	Section 96.41(e)(3)		
<b>Test mode:</b>	Compliance		
<b>Date(s):</b>	23-Apr-20		
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### Plot 7.6.9 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

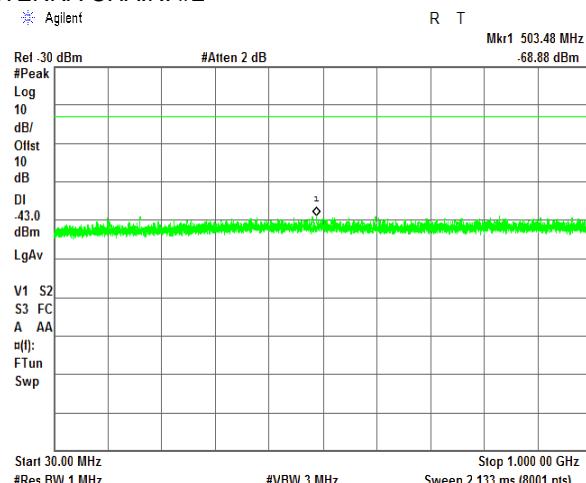
ANTENNA CHAIN: #1



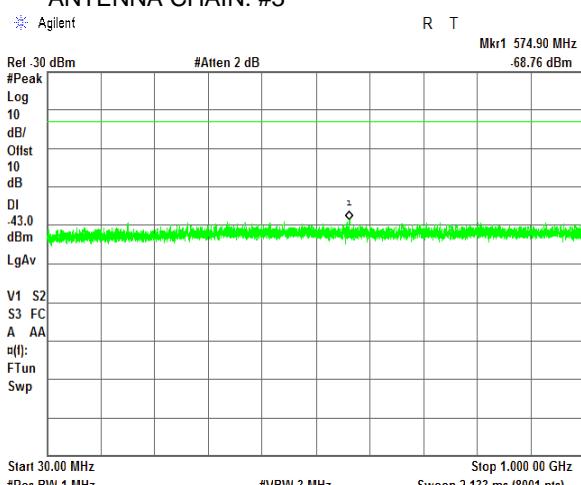
64QAM

10 MHz

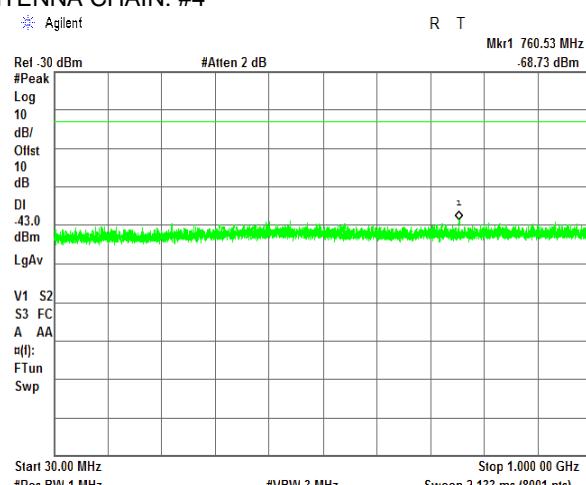
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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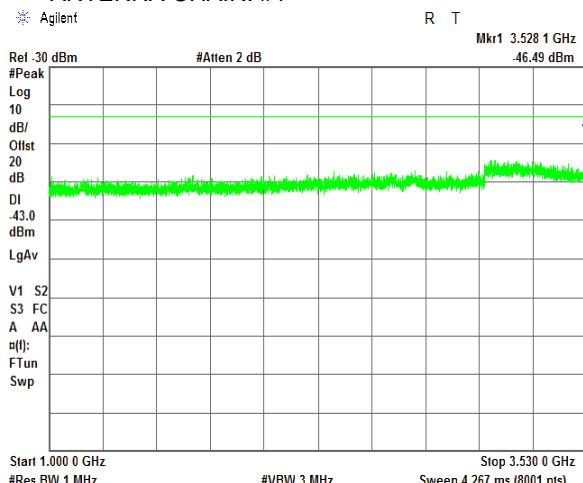
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

#### Plot 7.6.10 Spurious emission measurements in 1000 - 3530 MHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

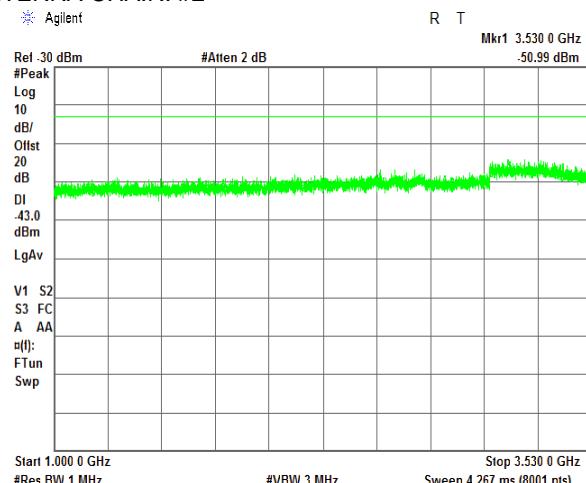
ANTENNA CHAIN: #1



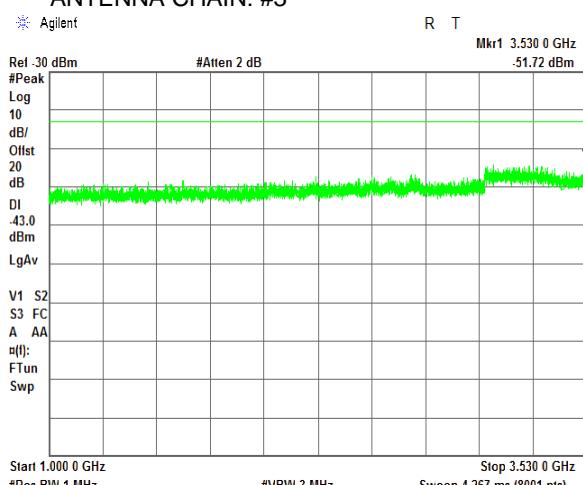
64QAM

10 MHz

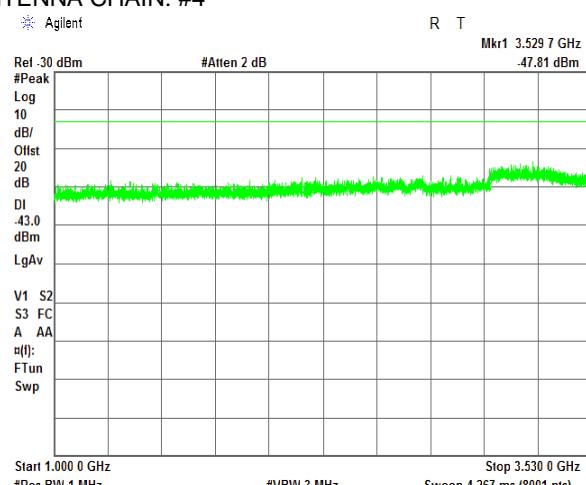
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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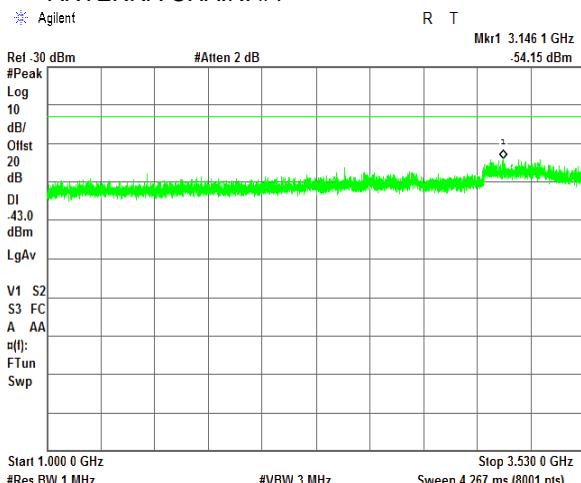
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.11 Spurious emission measurements in 1000 - 3530 MHz range at mid carrier frequency**

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

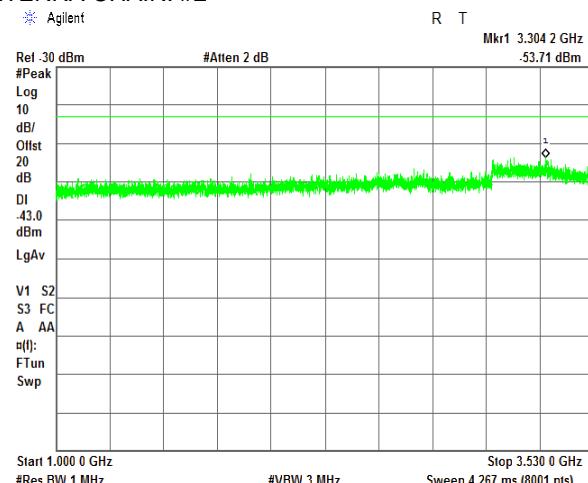


Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)

64QAM

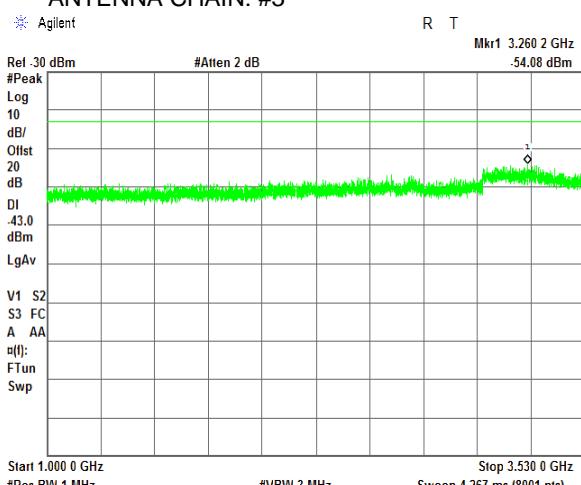
10 MHz

ANTENNA CHAIN: #2



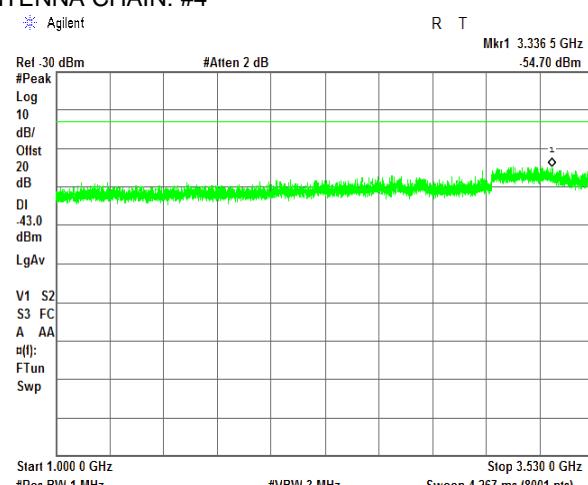
Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)

ANTENNA CHAIN: #3



Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)

ANTENNA CHAIN: #4



Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)



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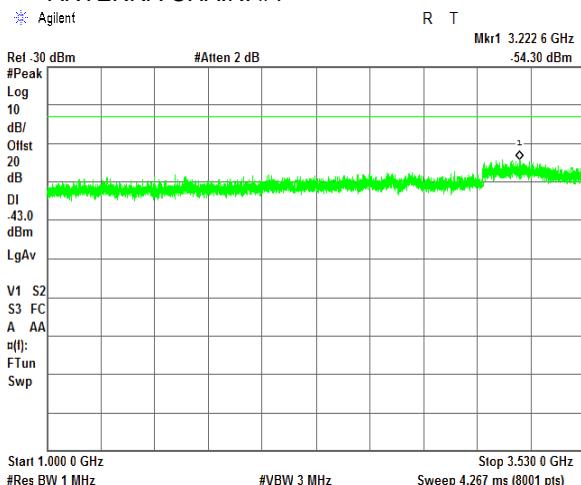
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

### Plot 7.6.12 Spurious emission measurements in 1000 - 3530 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

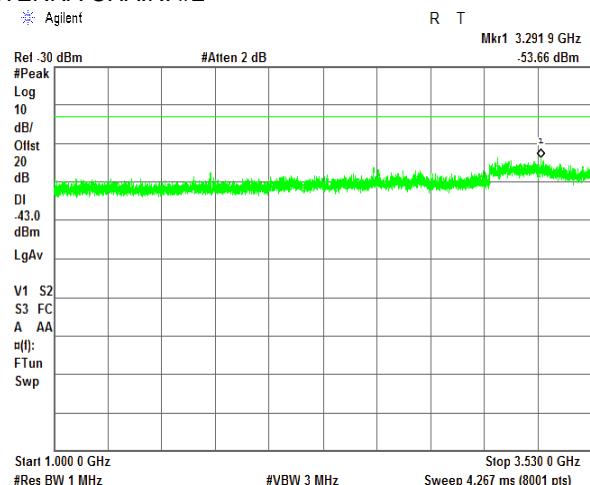


Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)

64QAM

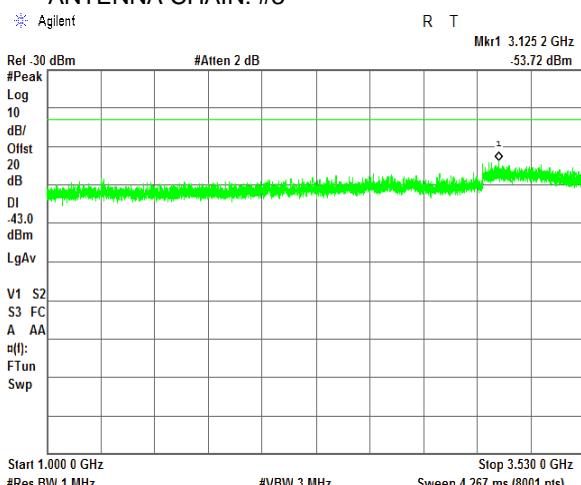
10 MHz

ANTENNA CHAIN: #2



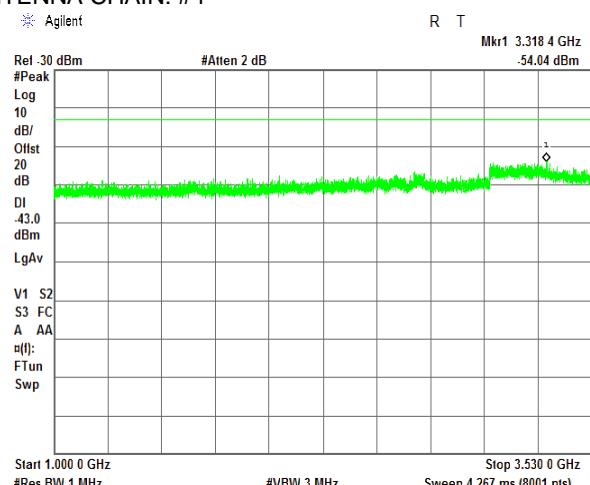
Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)

ANTENNA CHAIN: #3



Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)

ANTENNA CHAIN: #4



Start 1.000 0 GHz Stop 3.530 0 GHz  
#Res BW 1 MHz #VBW 3 MHz Sweep 4.267 ms (8001 pts)



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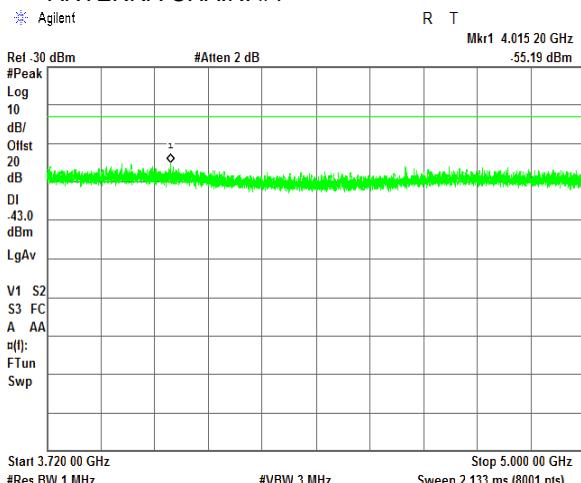
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

### Plot 7.6.13 Spurious emission measurements in 3720 - 5000 GHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

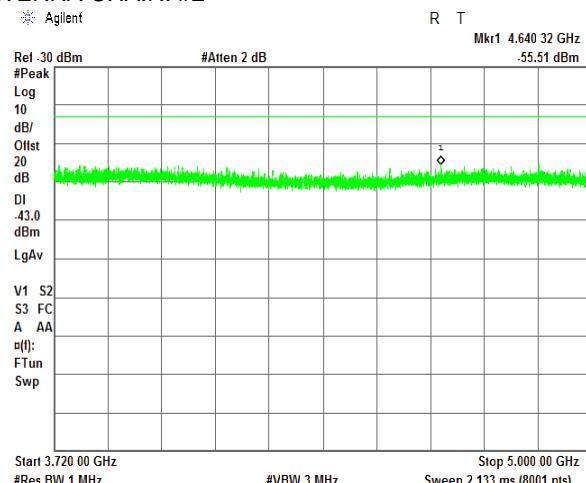
ANTENNA CHAIN: #1



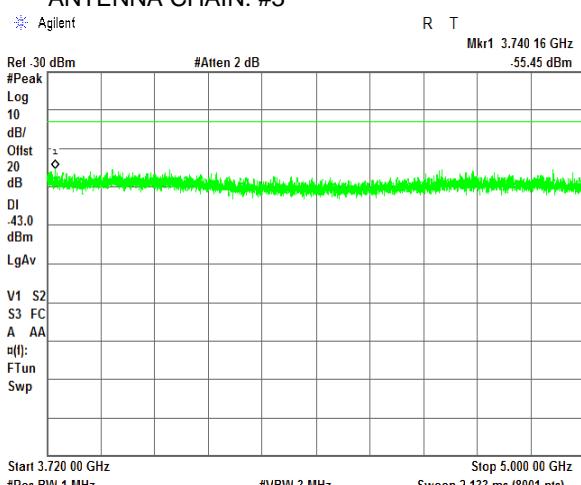
64QAM

10 MHz

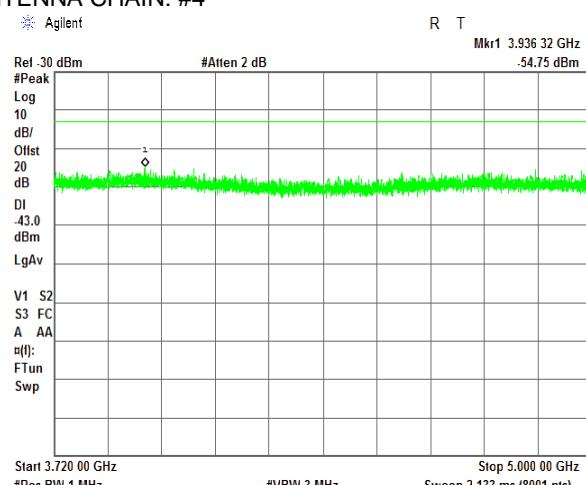
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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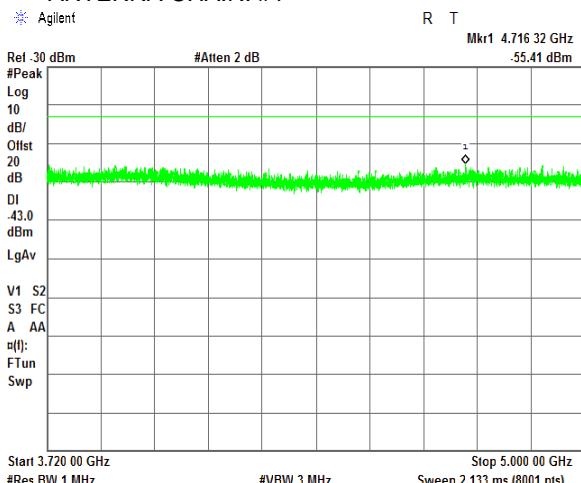
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

#### Plot 7.6.14 Spurious emission measurements in 3720 - 5000 range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

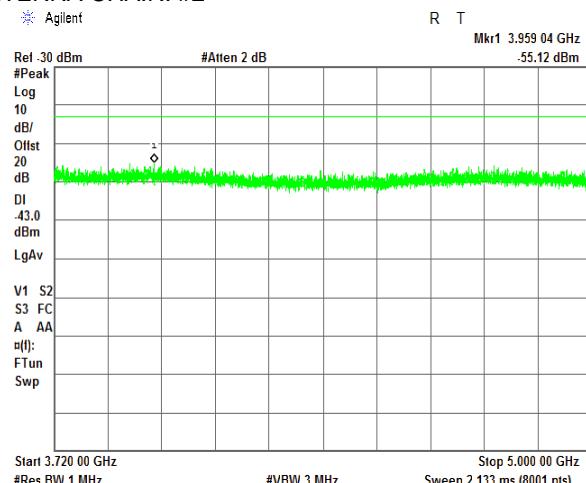
ANTENNA CHAIN: #1



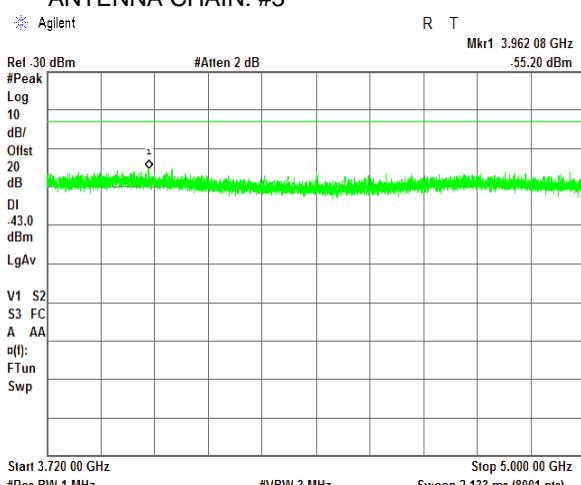
64QAM

10 MHz

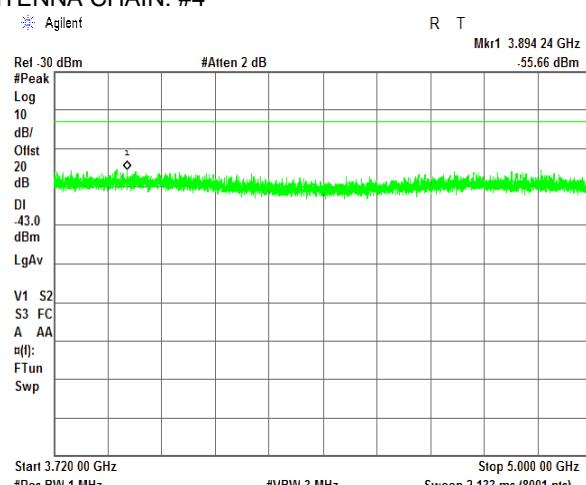
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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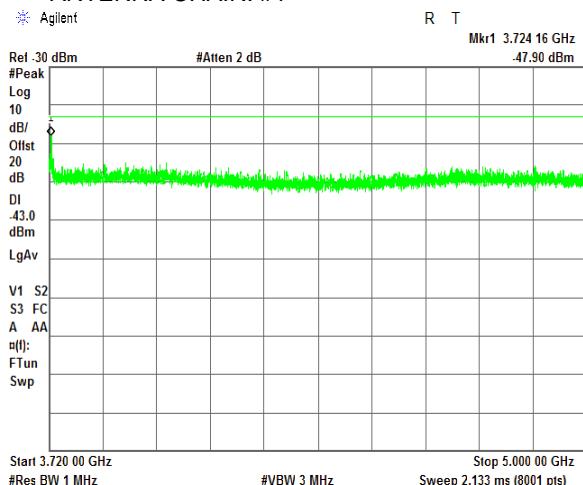
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.15 Spurious emission measurements in 3720 - 5000 range at high carrier frequency**

MODULATION:

CHANNEL SPACING:

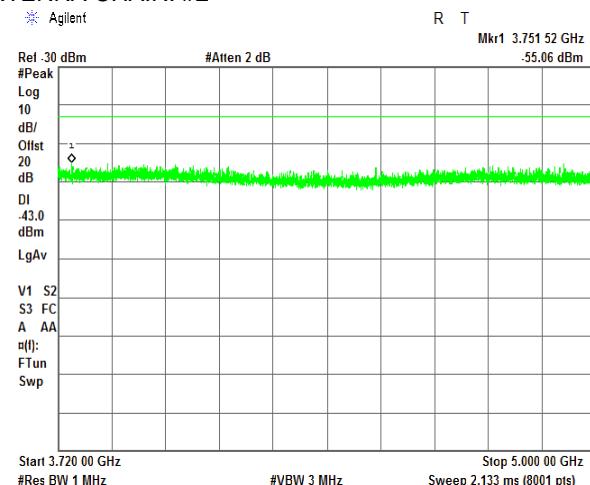
ANTENNA CHAIN: #1



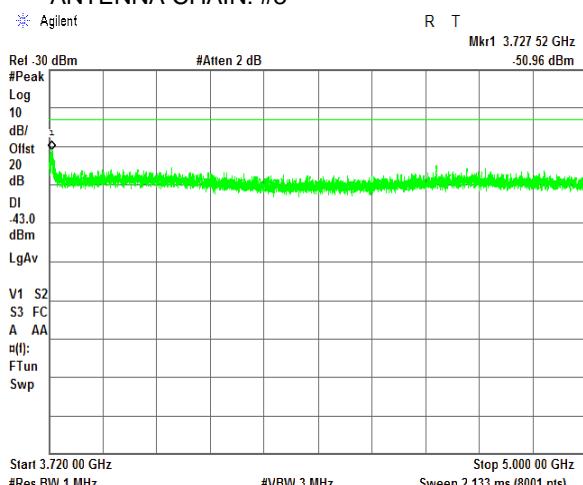
64QAM

10 MHz

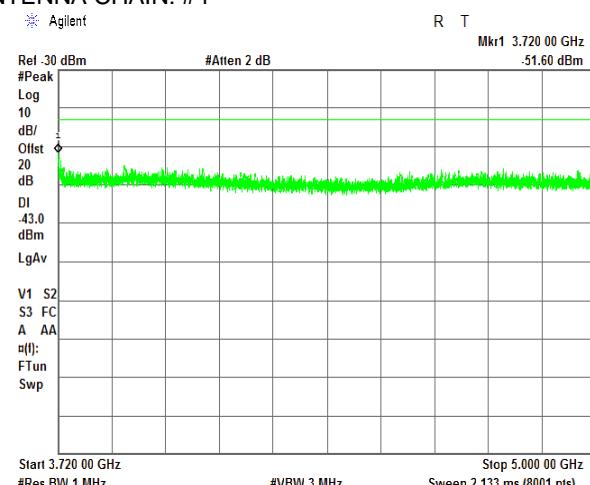
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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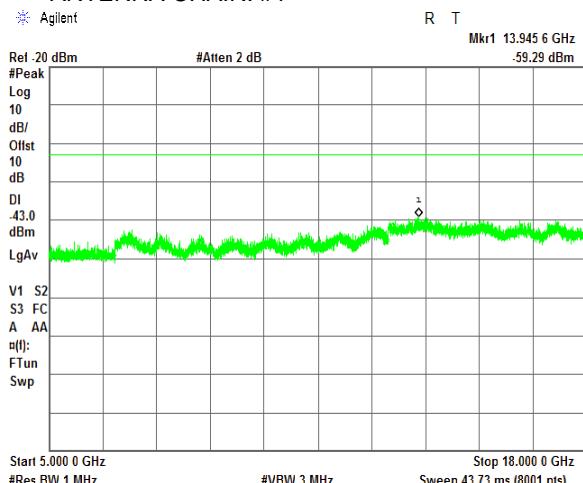
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

#### Plot 7.6.16 Spurious emission measurements in 5 - 18 GHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

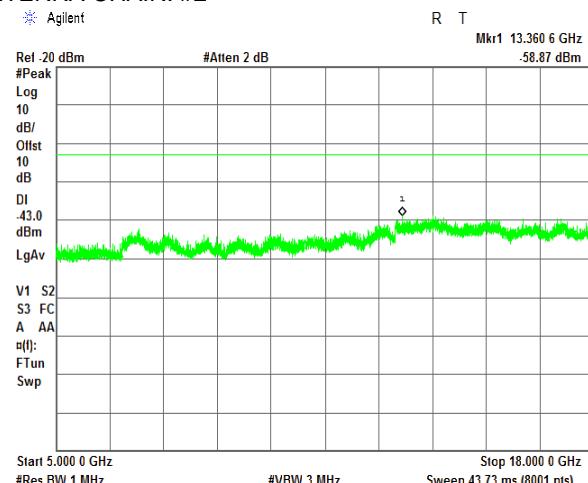
ANTENNA CHAIN: #1



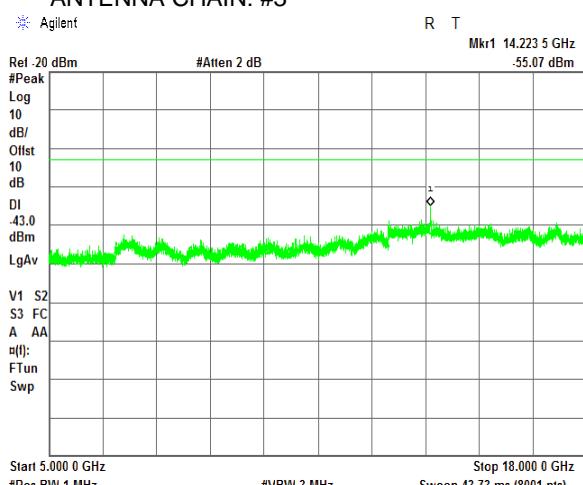
64QAM

10 MHz

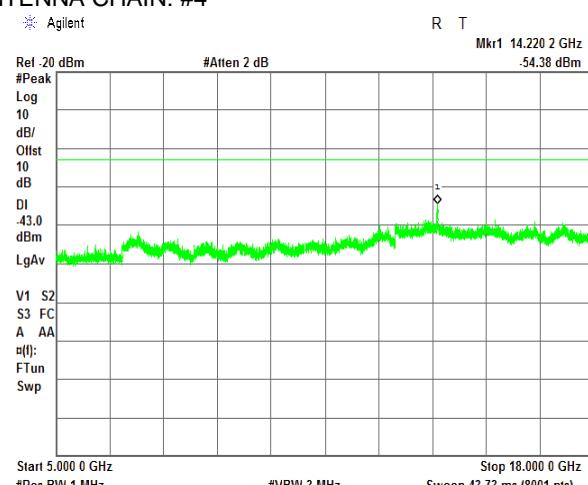
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Date of Issue: 23-Aug-20

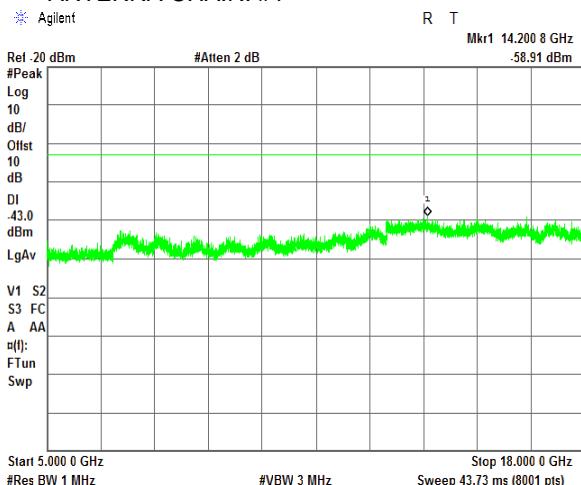
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

**Plot 7.6.17 Spurious emission measurements in 5 - 18 GHz range at mid carrier frequency**

MODULATION:

CHANNEL SPACING:

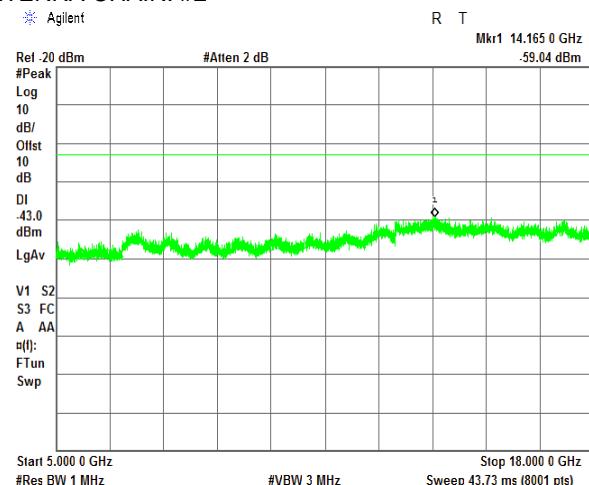
ANTENNA CHAIN: #1



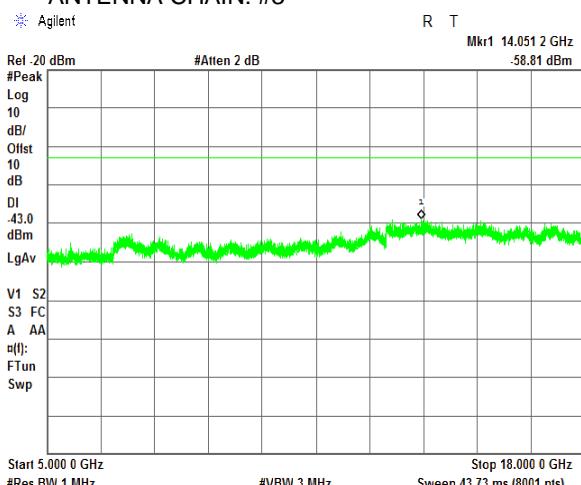
64QAM

10 MHz

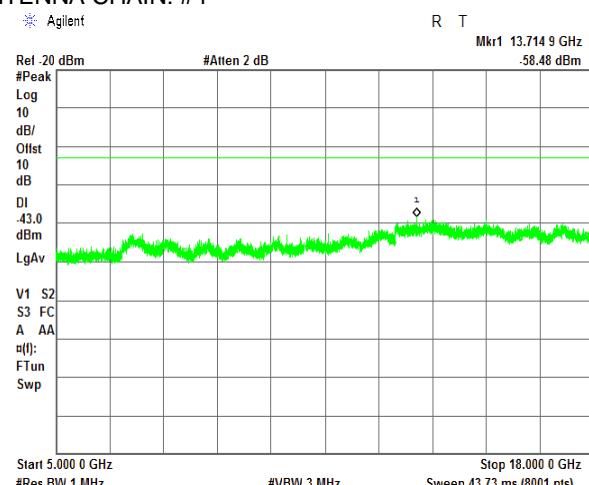
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
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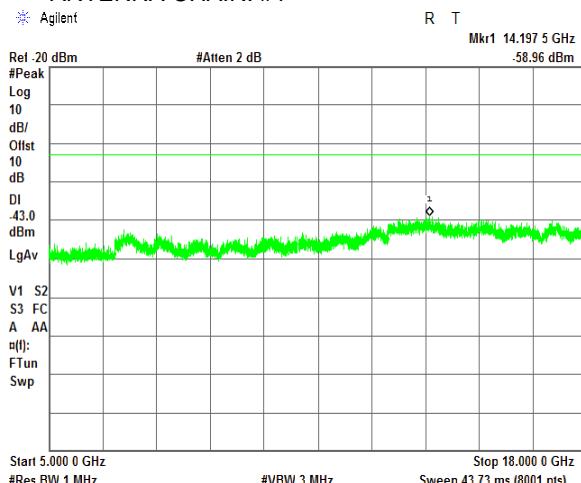
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### Plot 7.6.18 Spurious emission measurements in 5 - 18 GHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

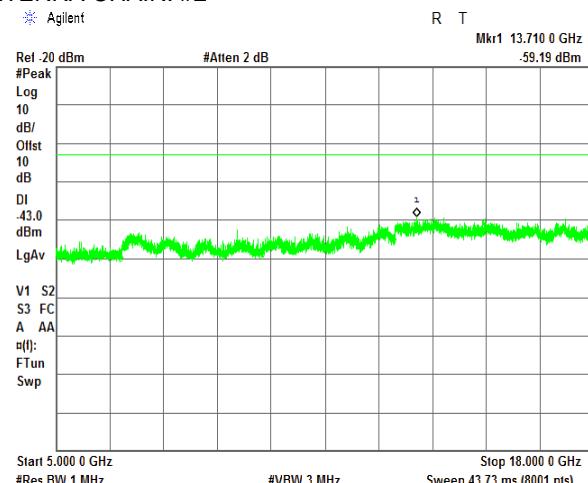
ANTENNA CHAIN: #1



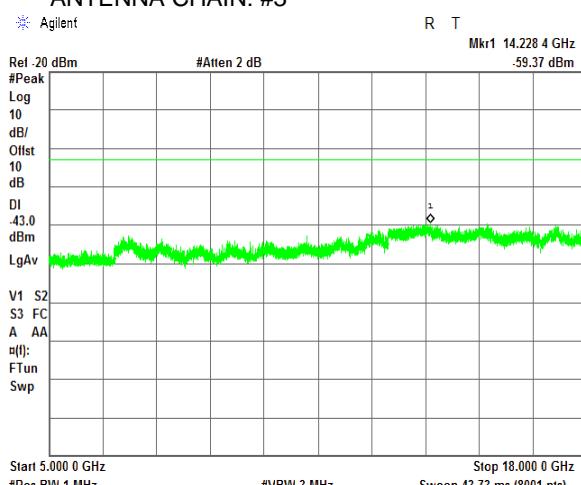
64QAM

10 MHz

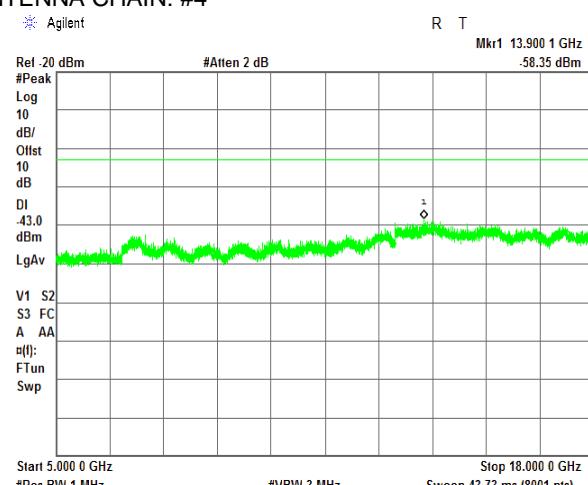
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

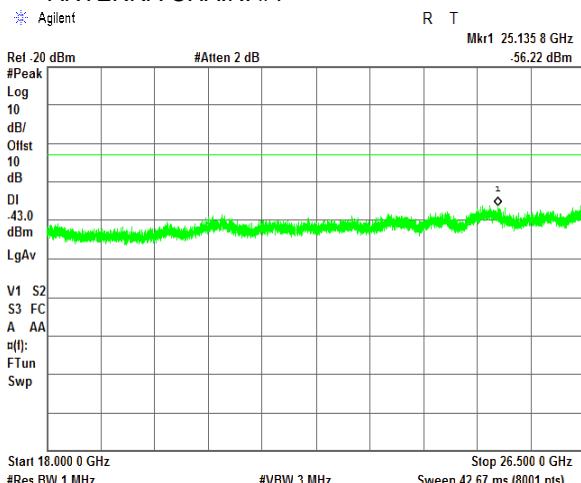
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.19 Spurious emission measurements in 18 – 26.5 GHz range at low carrier frequency**

MODULATION:

CHANNEL SPACING:

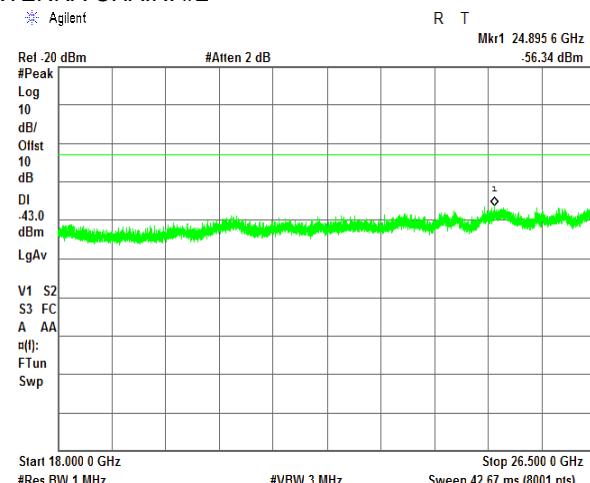
ANTENNA CHAIN: #1



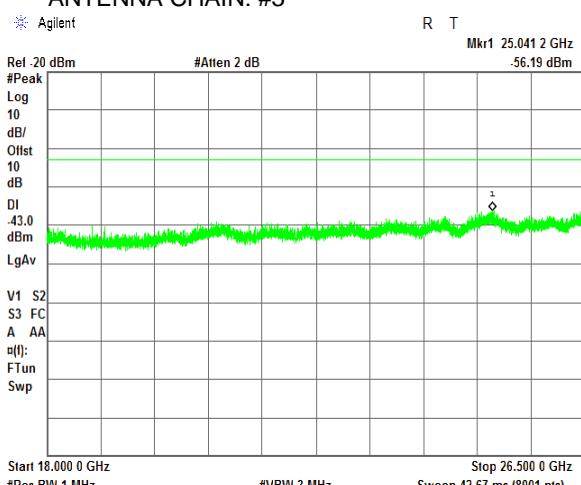
64QAM

10 MHz

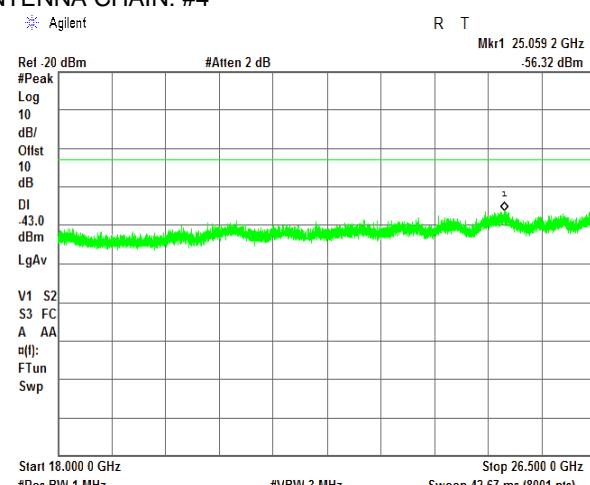
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

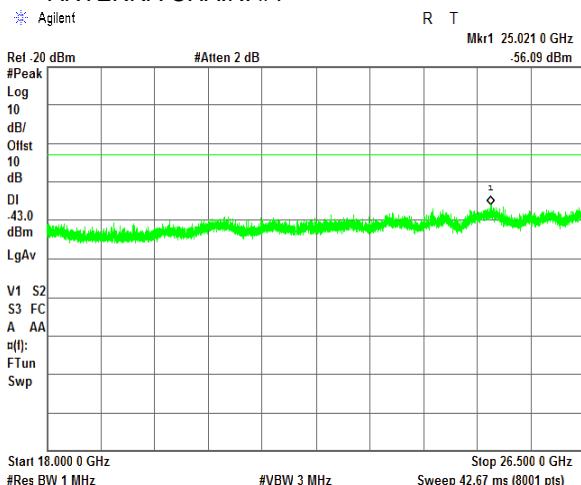
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

#### Plot 7.6.20 Spurious emission measurements in 18 – 26.5 GHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

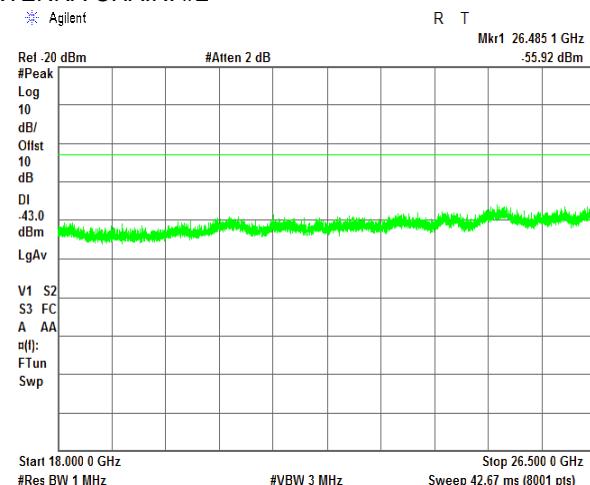
ANTENNA CHAIN: #1



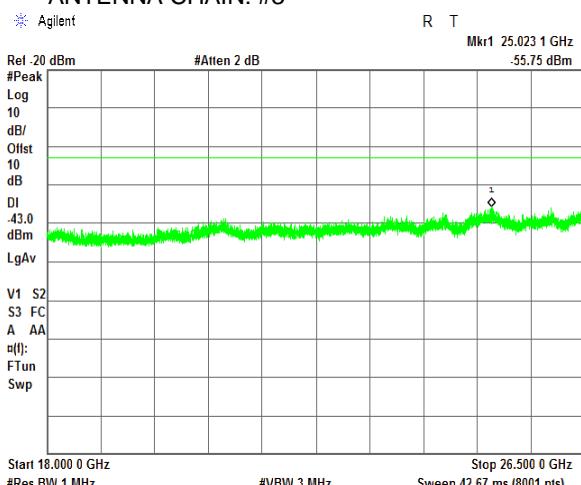
64QAM

10 MHz

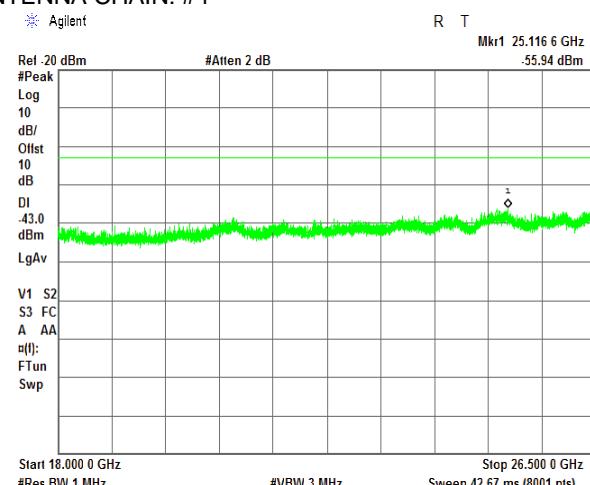
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
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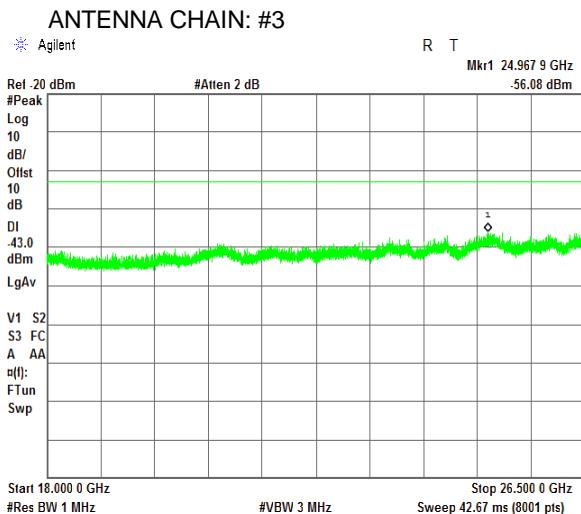
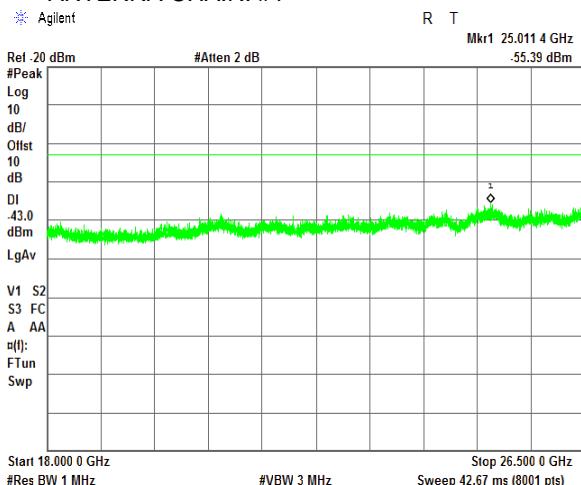
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.21 Spurious emission measurements in 18 – 26.5 GHz range at high carrier frequency**

MODULATION:

CHANNEL SPACING:

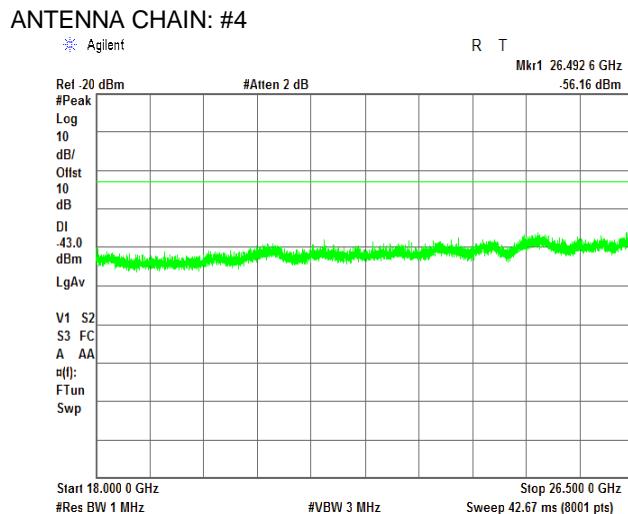
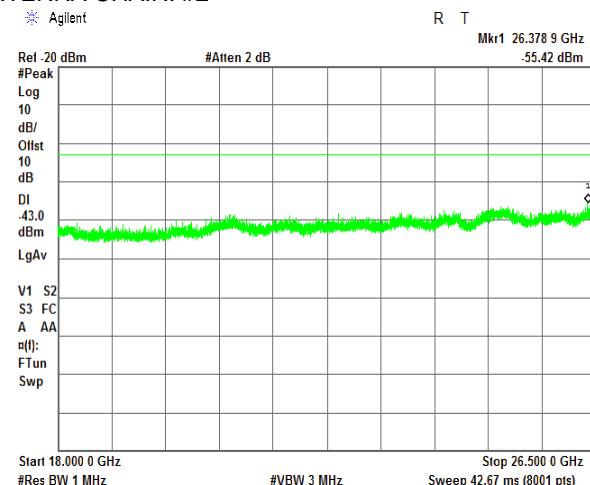
ANTENNA CHAIN: #1



64QAM

10 MHz

ANTENNA CHAIN: #2





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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

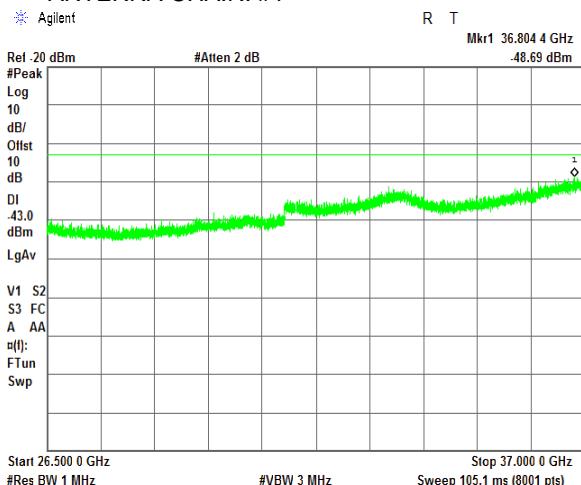
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.22 Spurious emission measurements in 26.5 - 37 GHz range at low carrier frequency**

MODULATION:

CHANNEL SPACING:

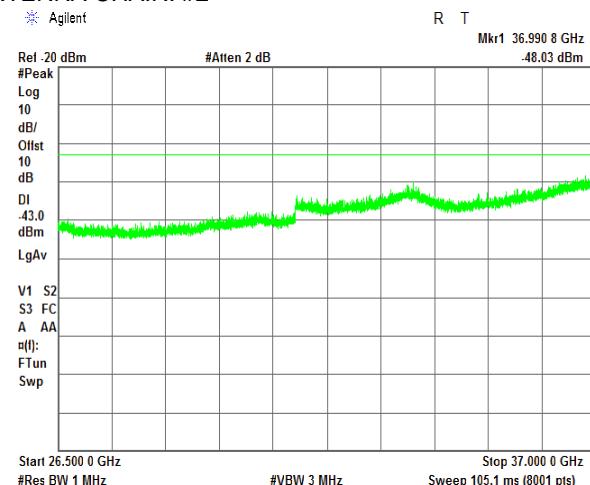
ANTENNA CHAIN: #1



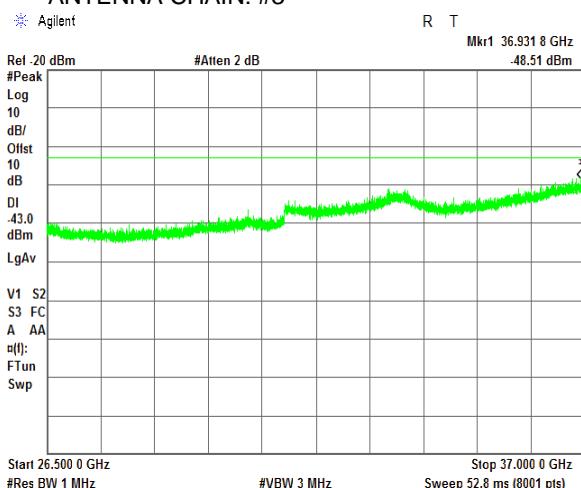
64QAM

10 MHz

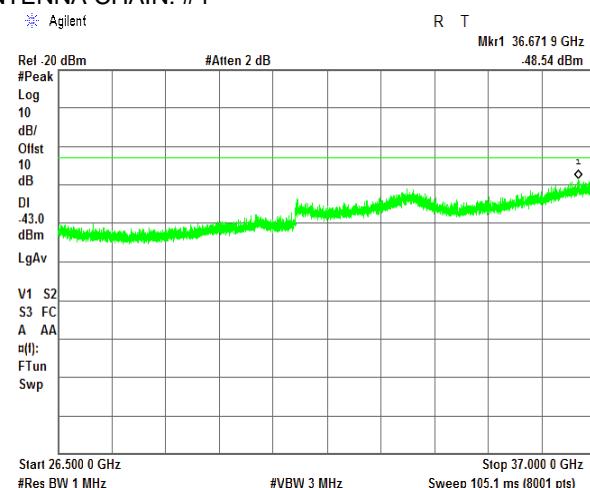
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

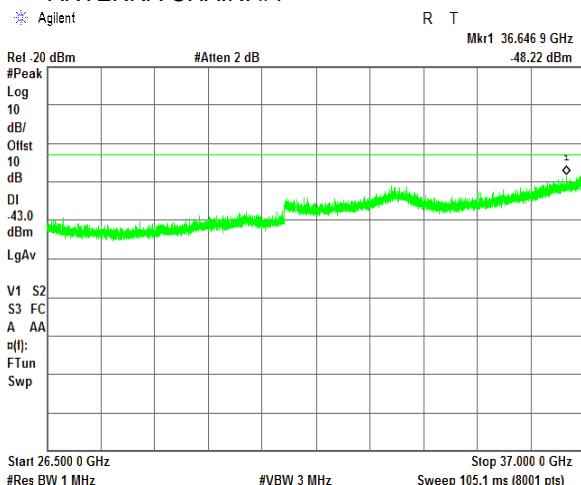
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.23 Spurious emission measurements in 26.5 - 37 GHz range at mid carrier frequency**

MODULATION:

CHANNEL SPACING:

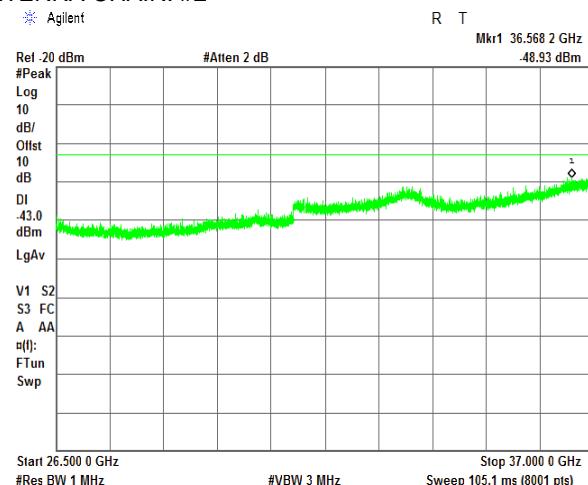
ANTENNA CHAIN: #1



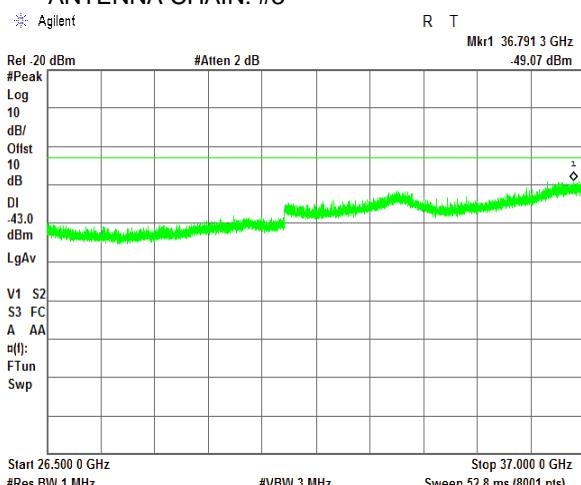
64QAM

10 MHz

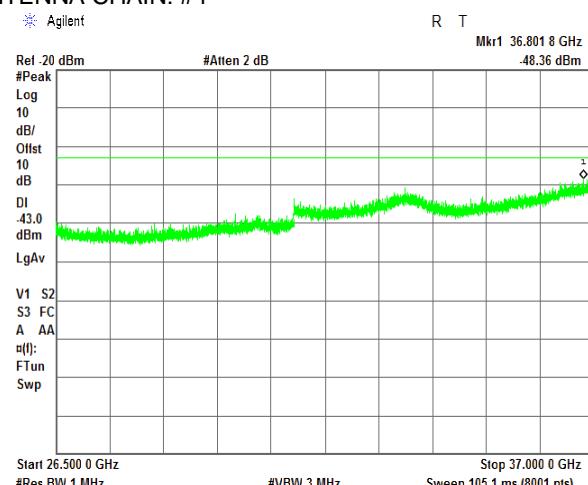
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

Date of Issue: 23-Aug-20

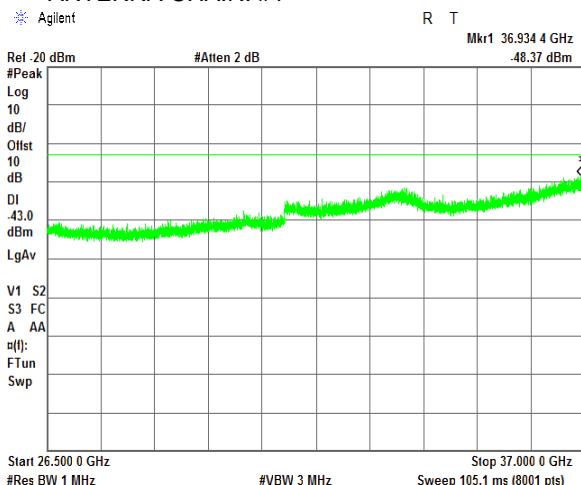
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions				
<b>Test procedure:</b> Section 96.41(e)(3)				
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS	
<b>Date(s):</b> 23-Apr-20				
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC	
<b>Remarks:</b>				

#### Plot 7.6.24 Spurious emission measurements in 26.5 - 37 GHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

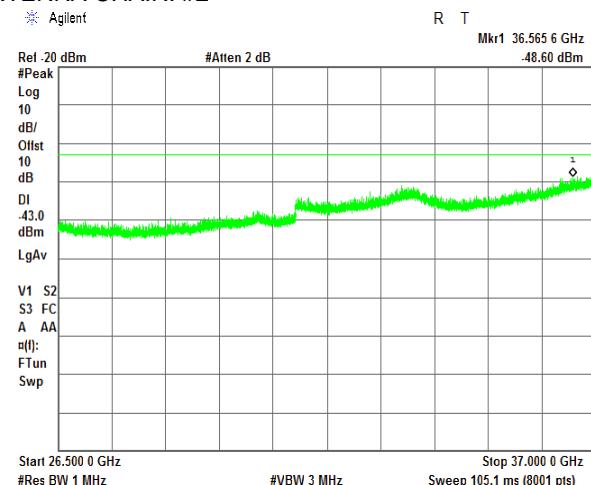
ANTENNA CHAIN: #1



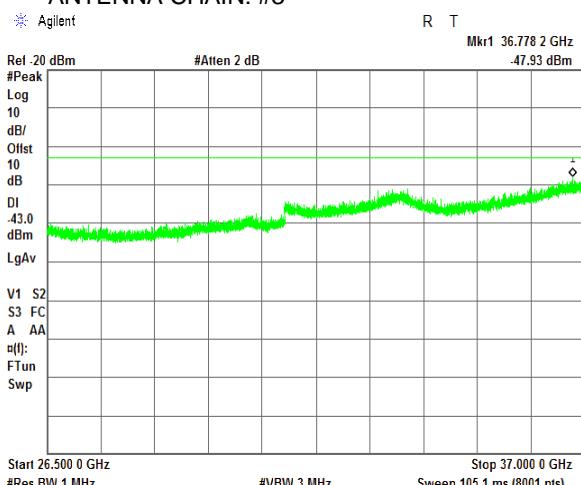
64QAM

10 MHz

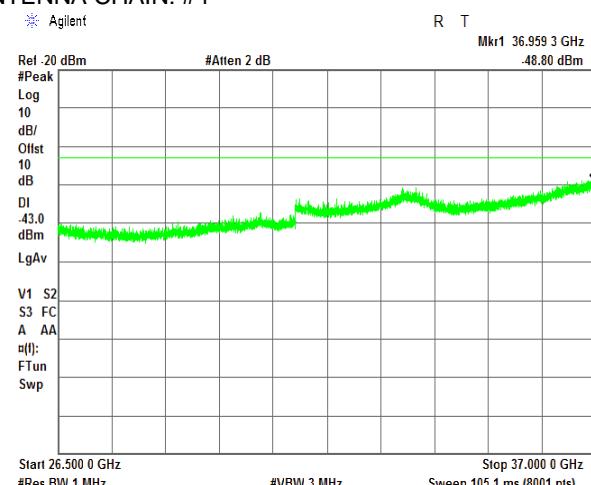
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

Date of Issue: 23-Aug-20

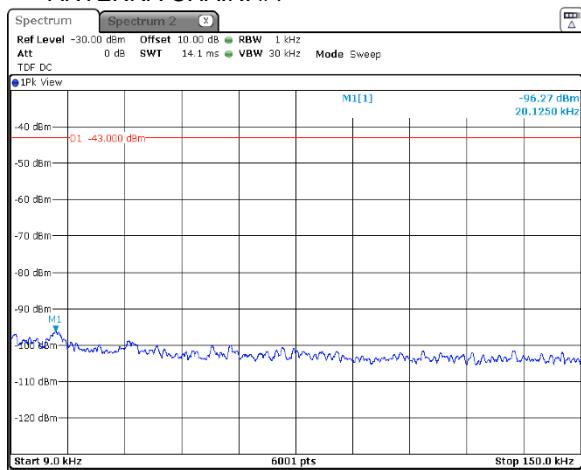
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

### Plot 7.6.25 Spurious emission measurements in 9 kHz - 150 kHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

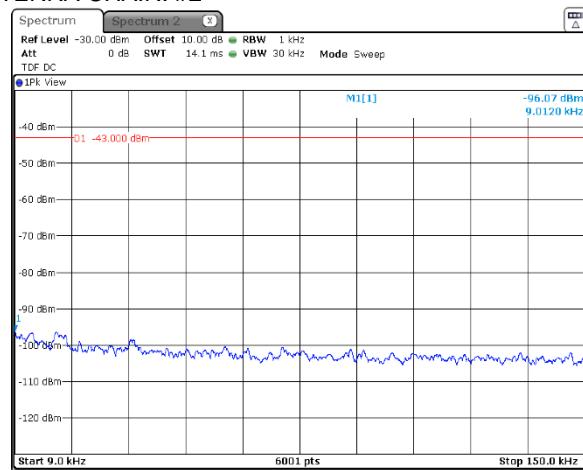
ANTENNA CHAIN: #1



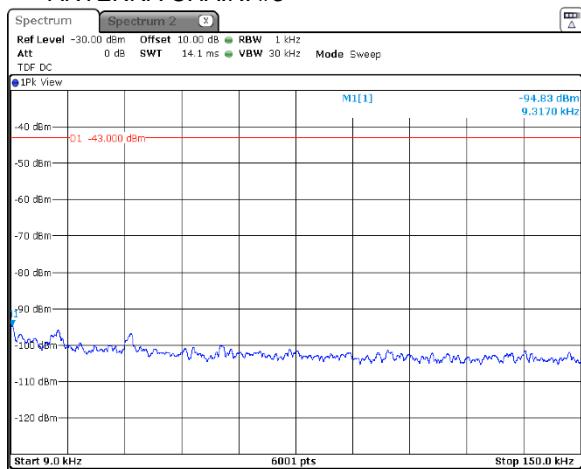
64QAM

20 MHz

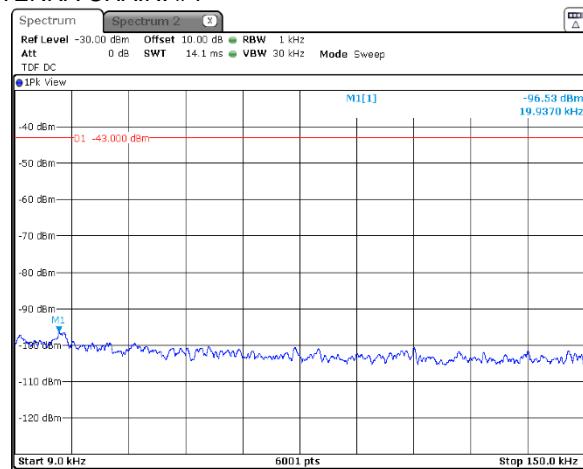
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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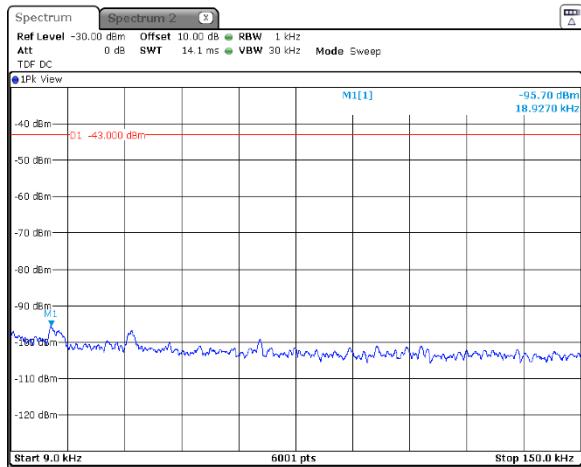
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

Plot 7.6.26 Spurious emission measurements in 9 kHz - 150 kHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

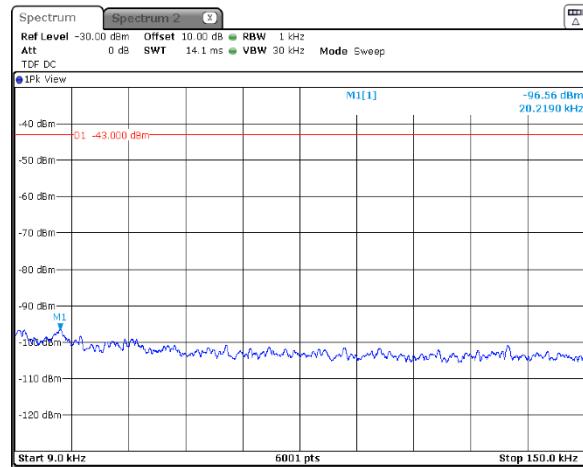
ANTENNA CHAIN: #1



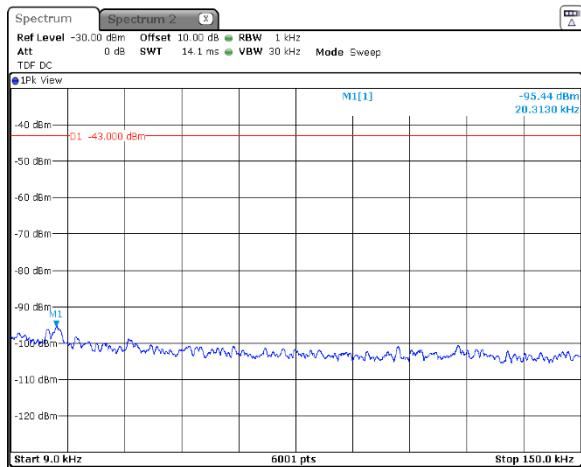
64QAM

20 MHz

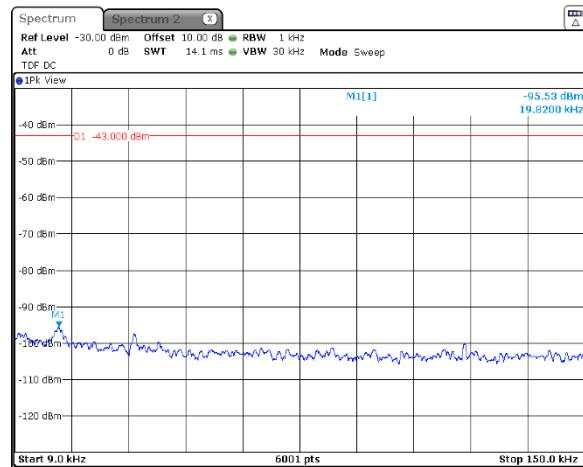
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

Date of Issue: 23-Aug-20

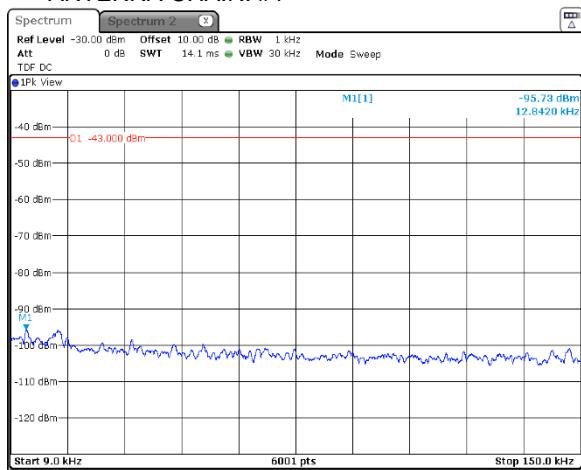
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### Plot 7.6.27 Spurious emission measurements in 9 kHz - 150 kHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

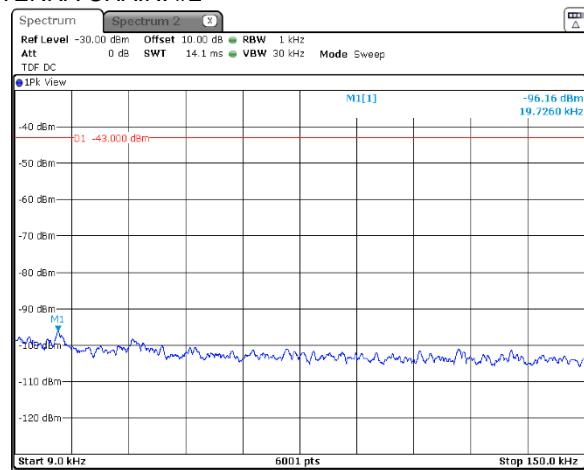
ANTENNA CHAIN: #1



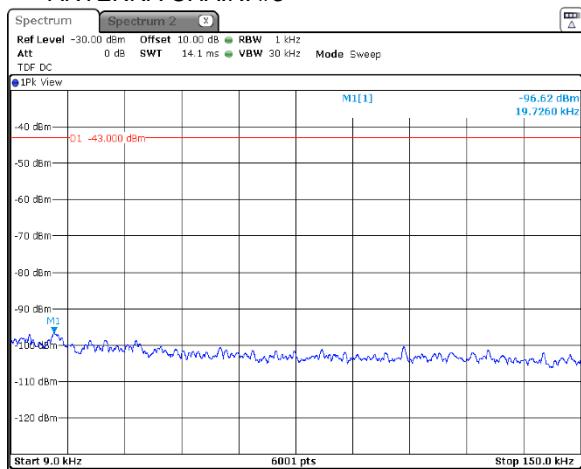
64QAM

20 MHz

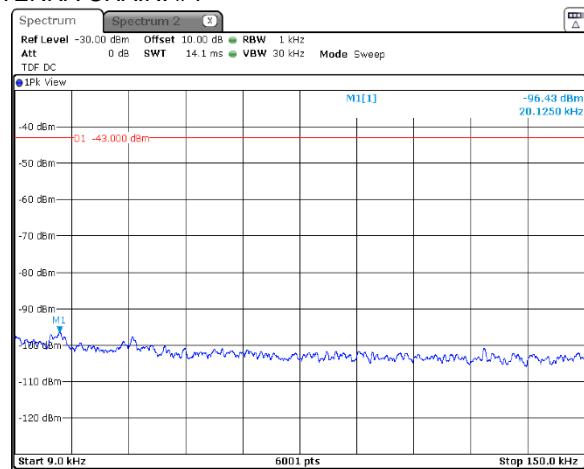
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

Date of Issue: 23-Aug-20

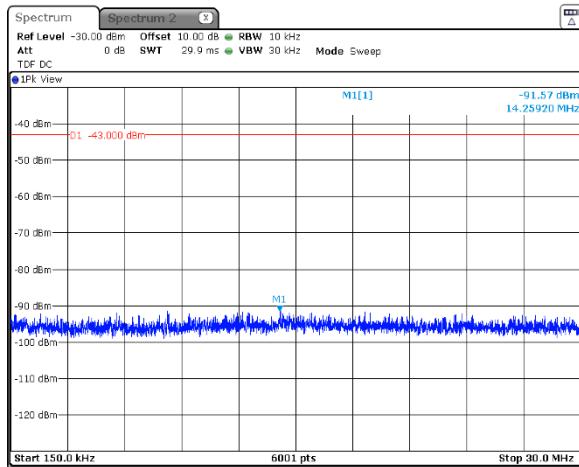
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### Plot 7.6.28 Spurious emission measurements in 150 kHz – 30 MHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

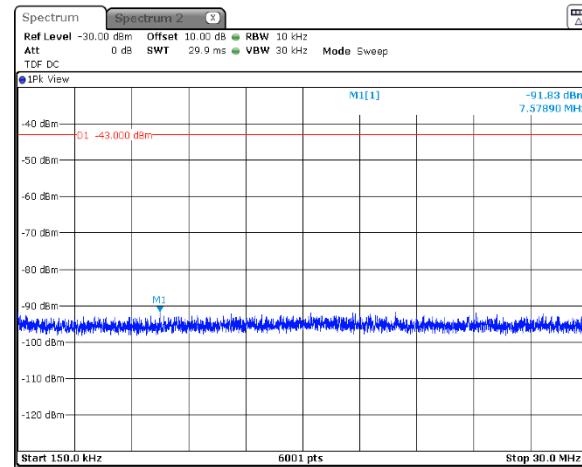
ANTENNA CHAIN: #1



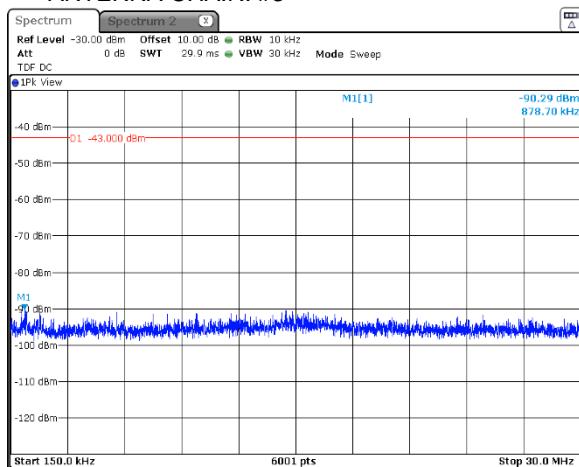
64QAM

20 MHz

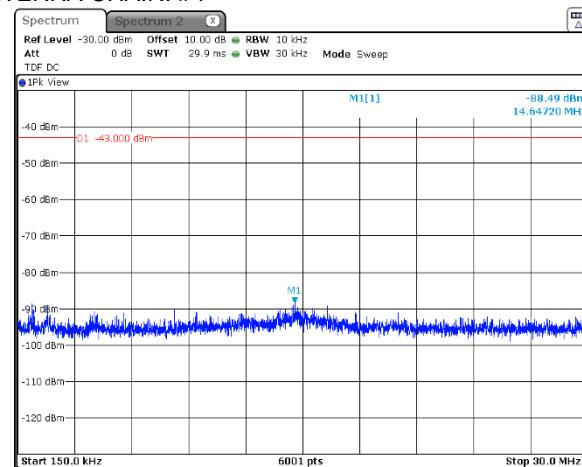
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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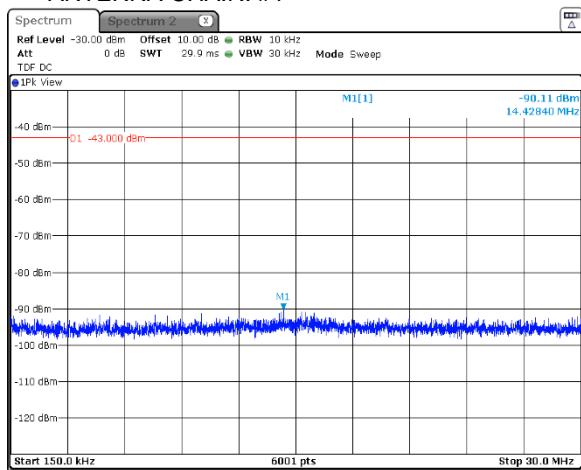
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

**Plot 7.6.29 Spurious emission measurements in 150 kHz – 30 MHz range at mid carrier frequency**

MODULATION:

CHANNEL SPACING:

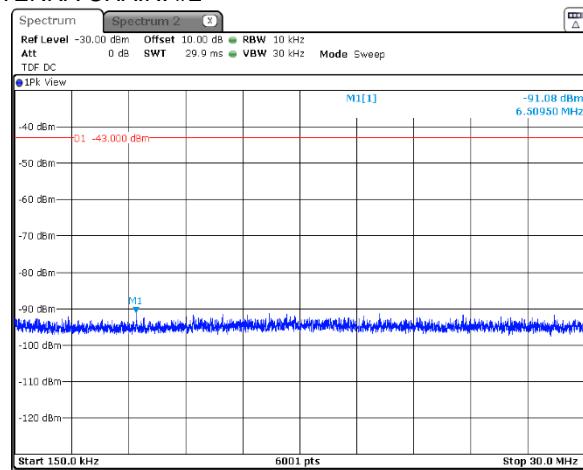
ANTENNA CHAIN: #1



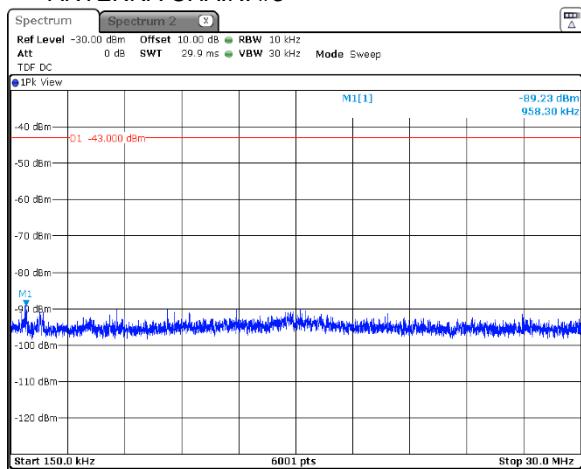
64QAM

20 MHz

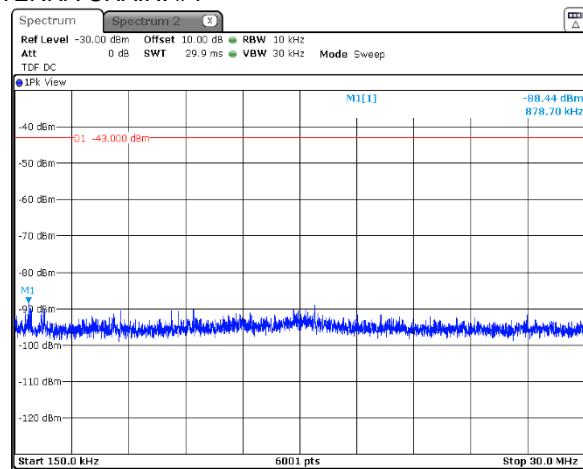
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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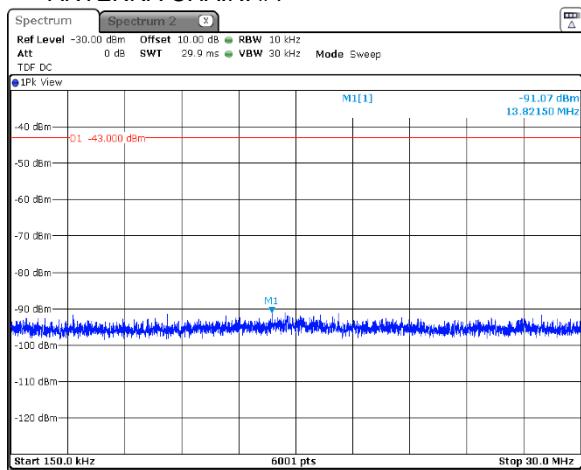
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### Plot 7.6.30 Spurious emission measurements in 150 kHz – 30 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

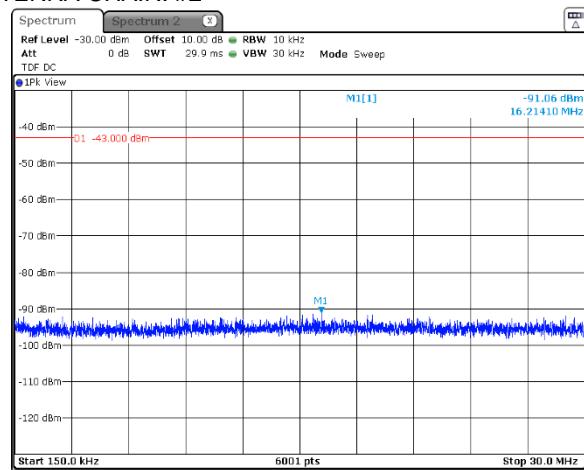
ANTENNA CHAIN: #1



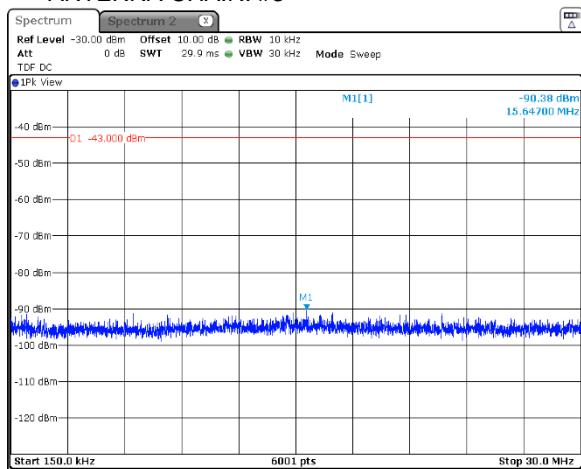
64QAM

20 MHz

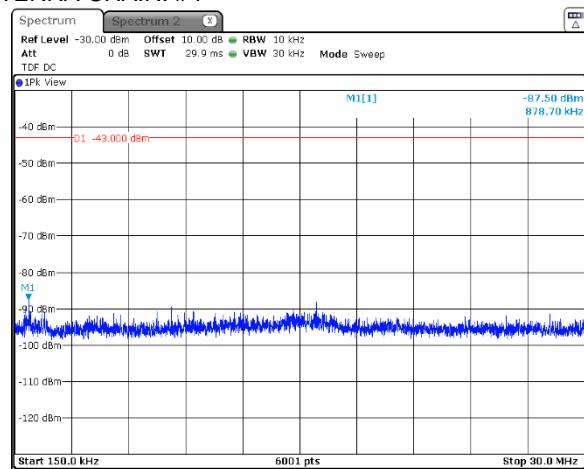
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Date of Issue: 23-Aug-20

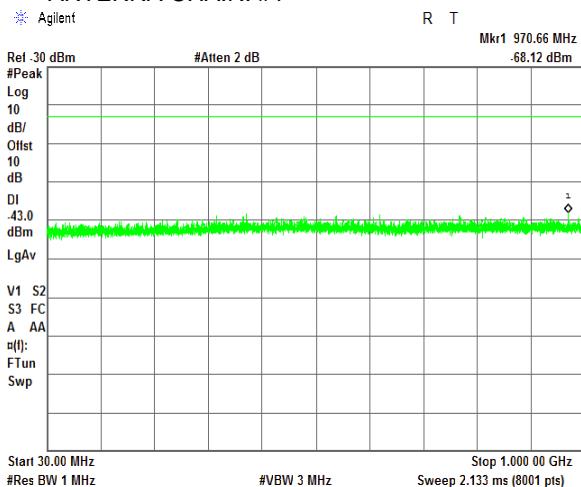
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

#### Plot 7.6.31 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

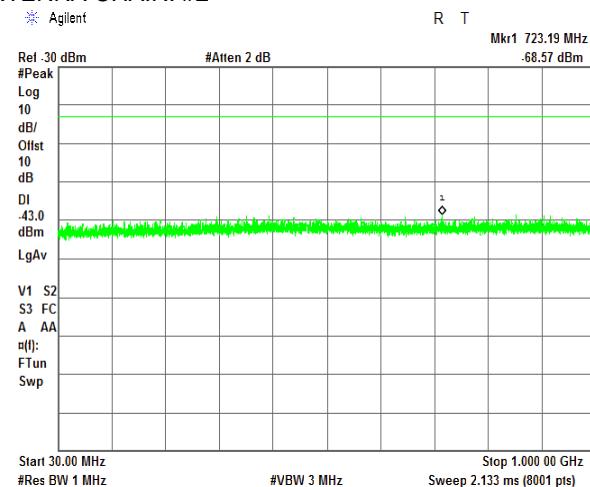
ANTENNA CHAIN: #1



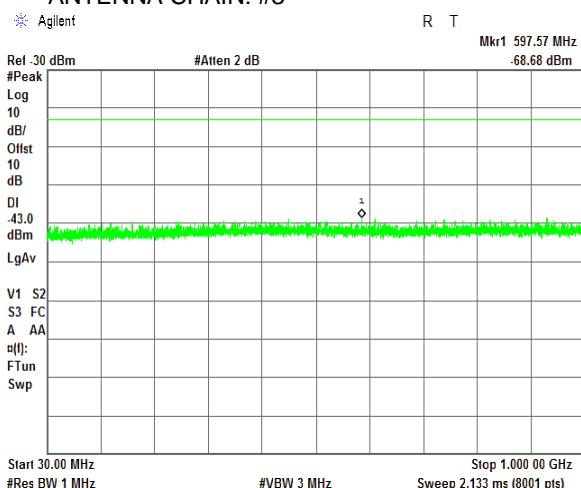
64QAM

20 MHz

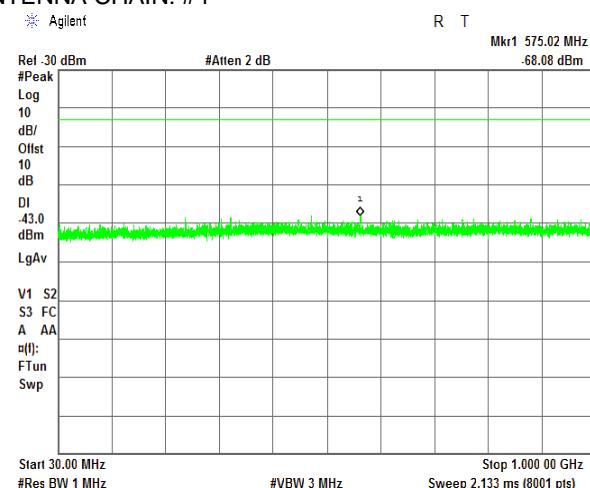
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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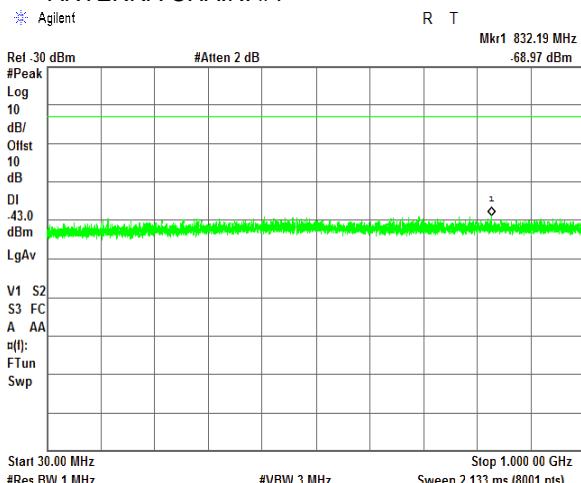
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

### Plot 7.6.32 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

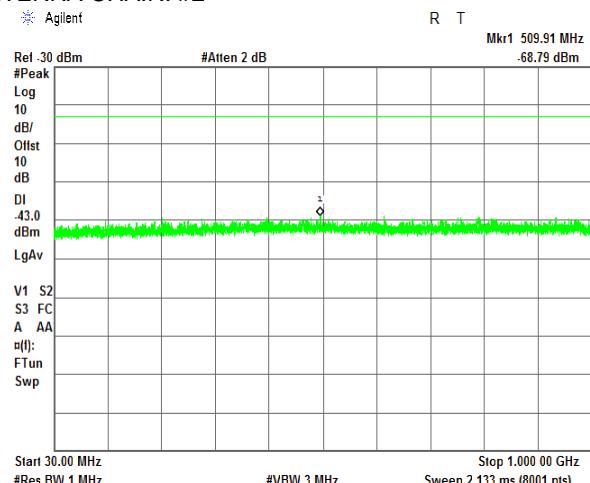
ANTENNA CHAIN: #1



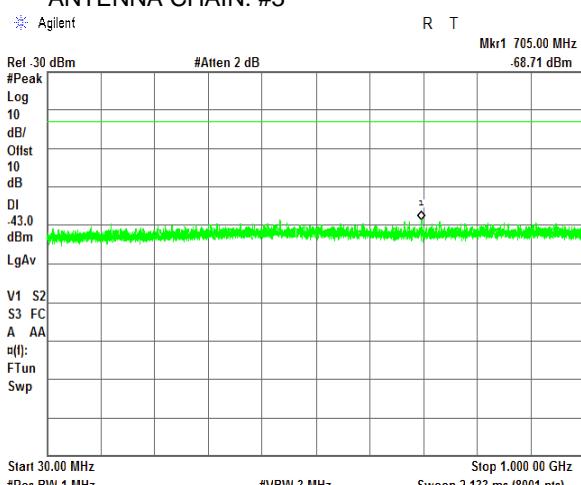
64QAM

20 MHz

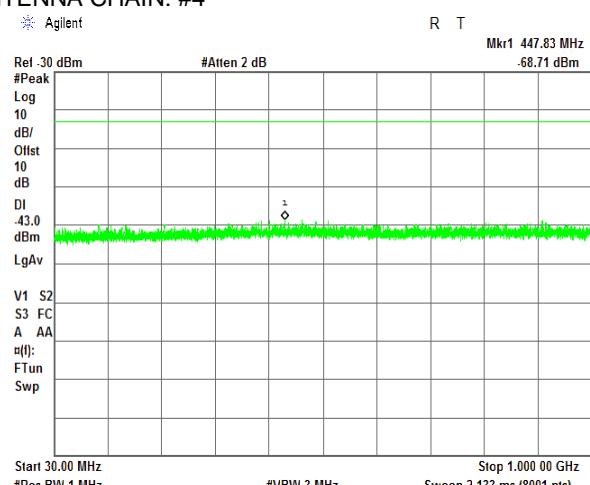
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Date of Issue: 23-Aug-20

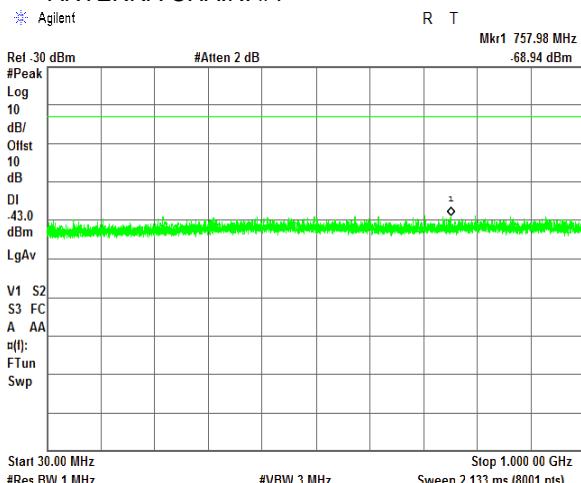
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.33 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency**

MODULATION:

CHANNEL SPACING:

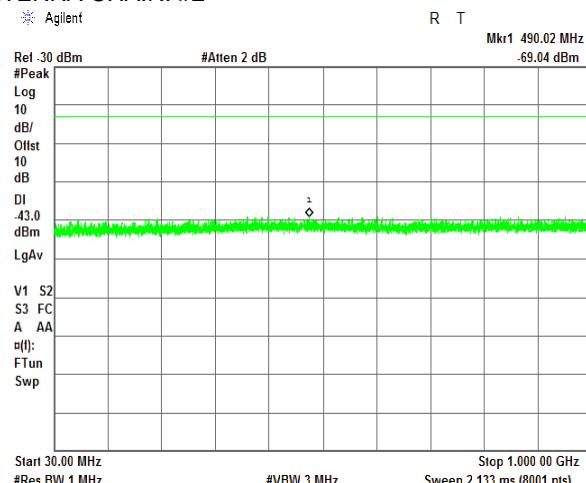
ANTENNA CHAIN: #1



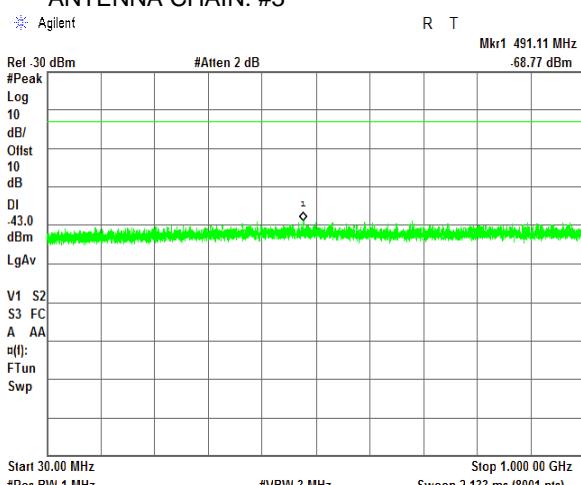
64QAM

20 MHz

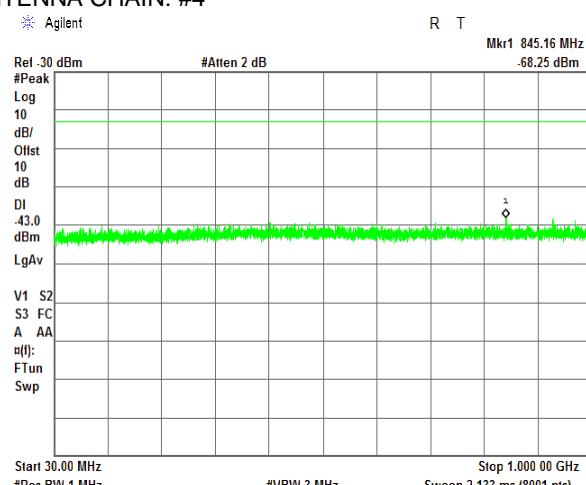
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

Date of Issue: 23-Aug-20

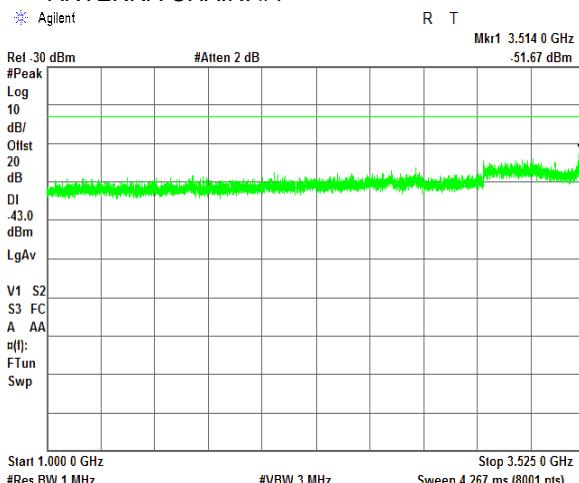
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

### Plot 7.6.34 Spurious emission measurements in 1000 - 3530 MHz range at low carrier frequency

MODULATION:

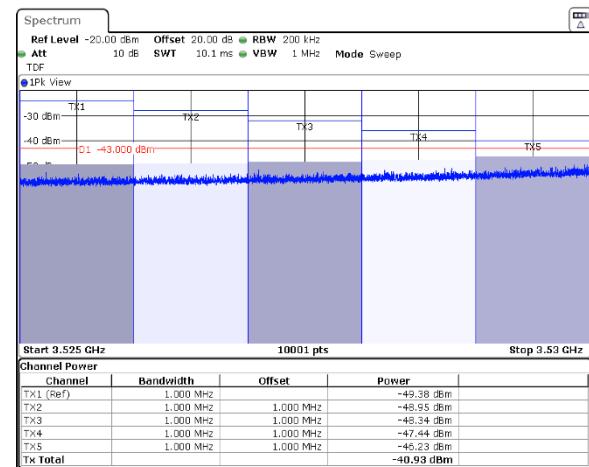
CHANNEL SPACING:

ANTENNA CHAIN: #1

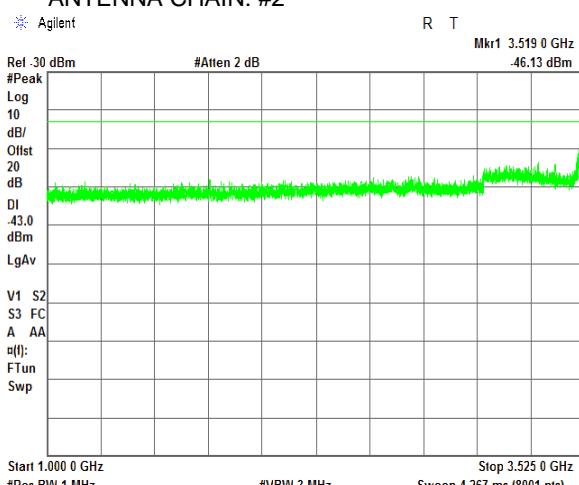


64QAM

20 MHz



ANTENNA CHAIN: #2





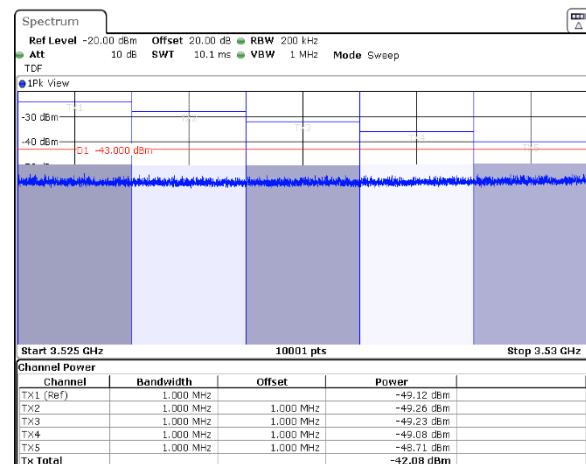
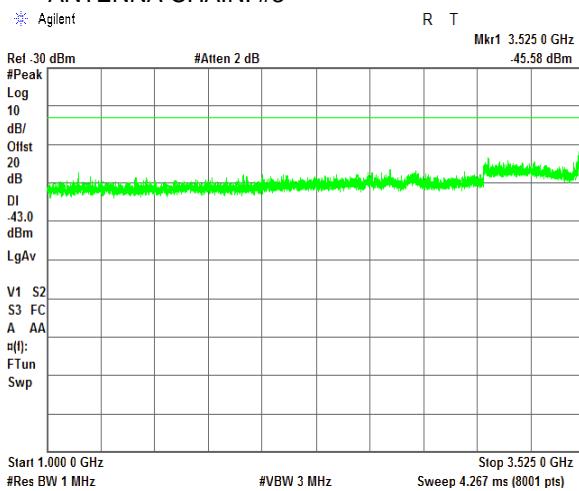
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Report ID: AIRRAD\_FCC.37551\_Rev2

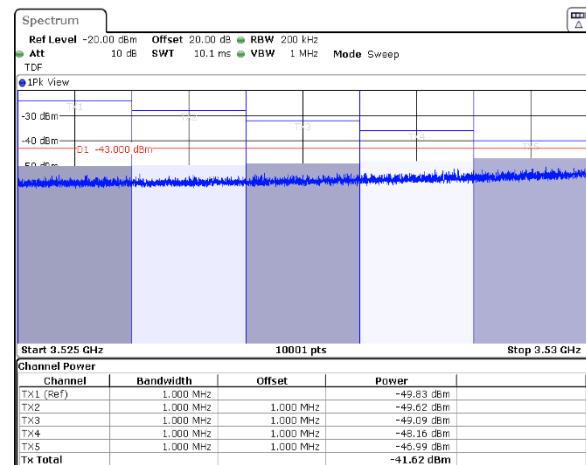
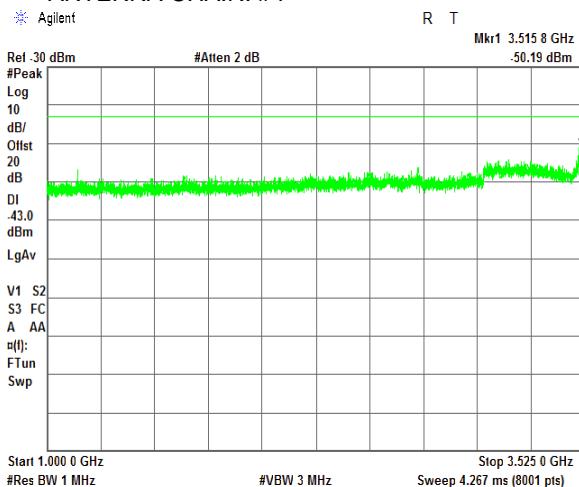
Date of Issue: 23-Aug-20

Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

### ANTENNA CHAIN: #3



### ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

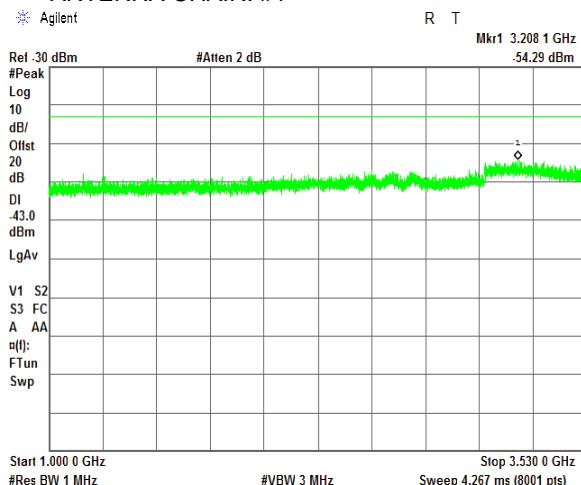
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.35 Spurious emission measurements in 1000 - 3530 MHz range at mid carrier frequency**

MODULATION:

CHANNEL SPACING:

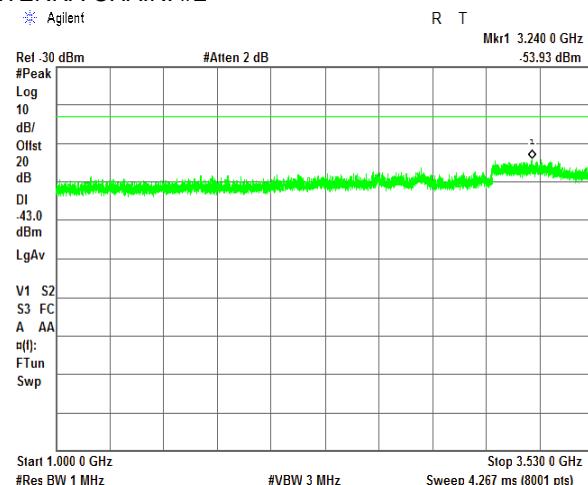
ANTENNA CHAIN: #1



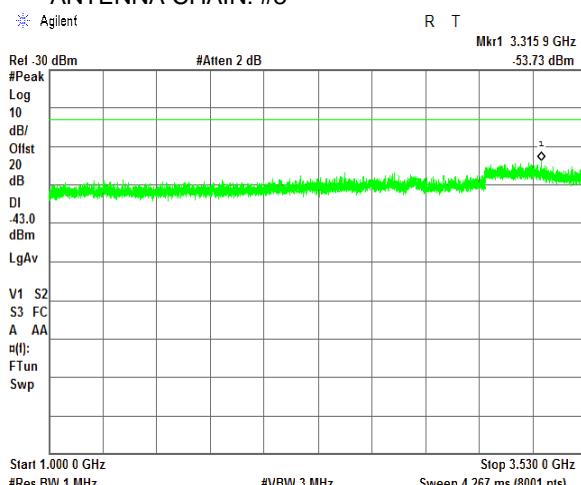
64QAM

20 MHz

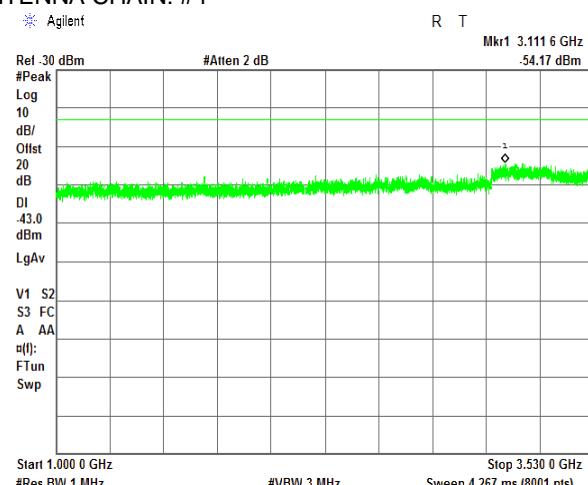
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

Date of Issue: 23-Aug-20

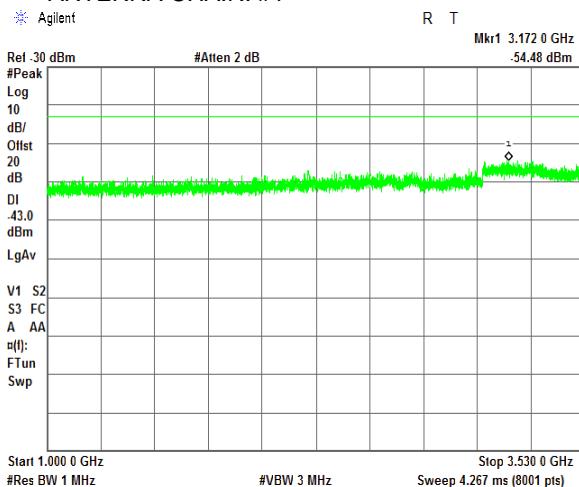
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.36 Spurious emission measurements in 1000 - 3530 MHz range at high carrier frequency**

MODULATION:

CHANNEL SPACING:

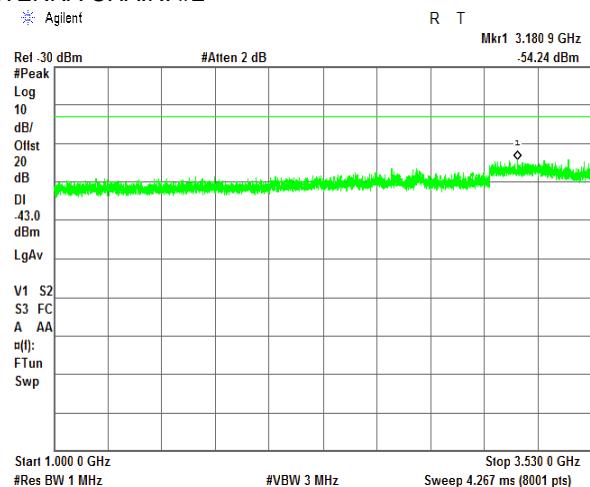
ANTENNA CHAIN: #1



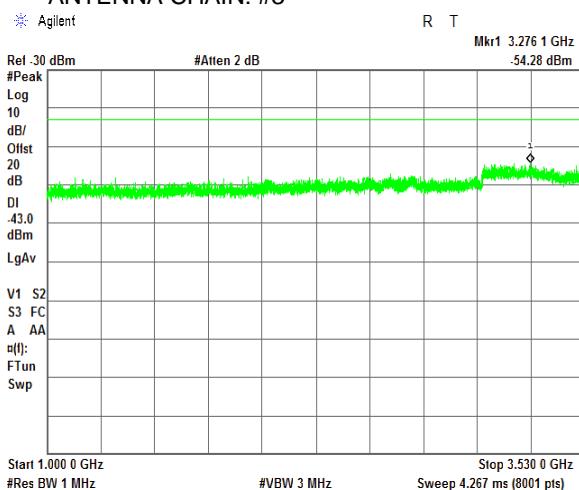
64QAM

20 MHz

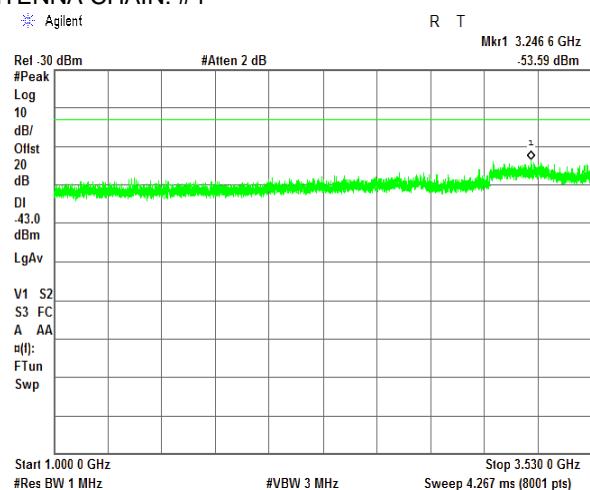
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

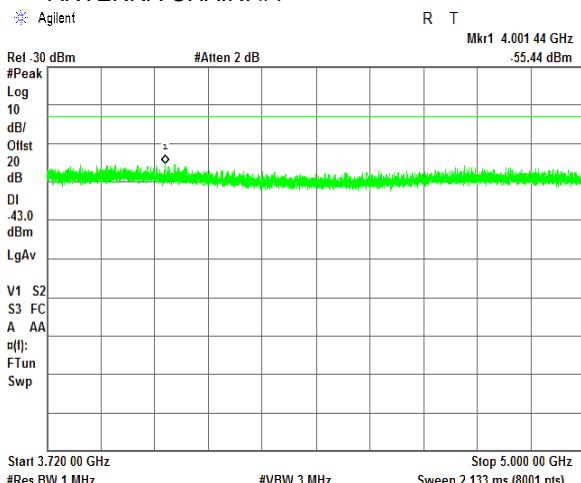
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

### Plot 7.6.37 Spurious emission measurements in 3720 - 5000 GHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

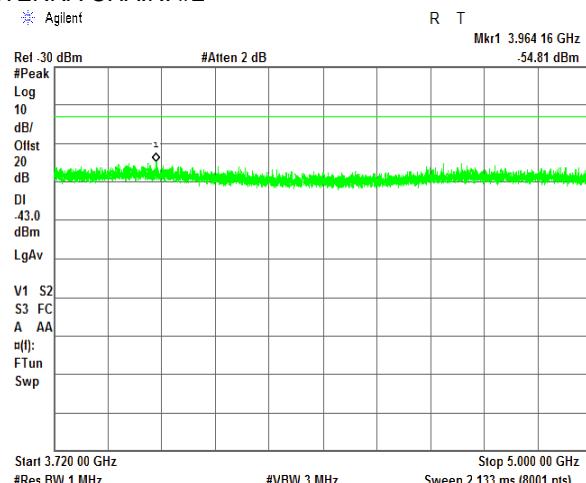
ANTENNA CHAIN: #1



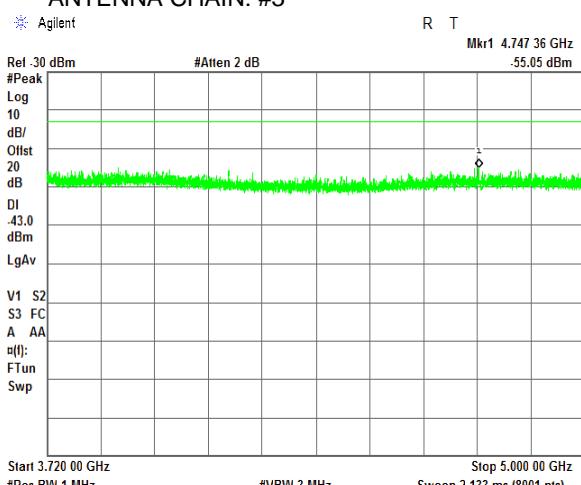
64QAM

20 MHz

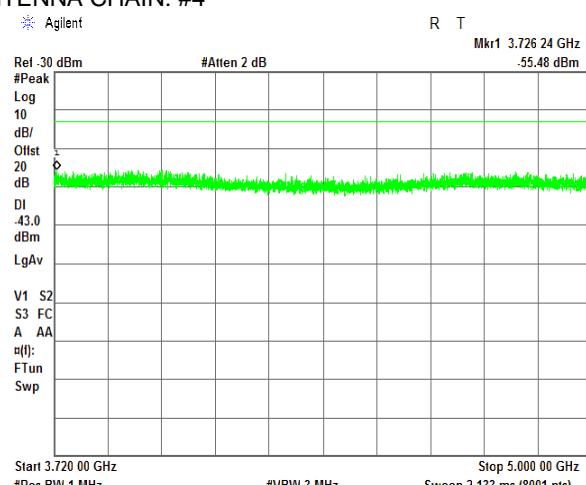
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
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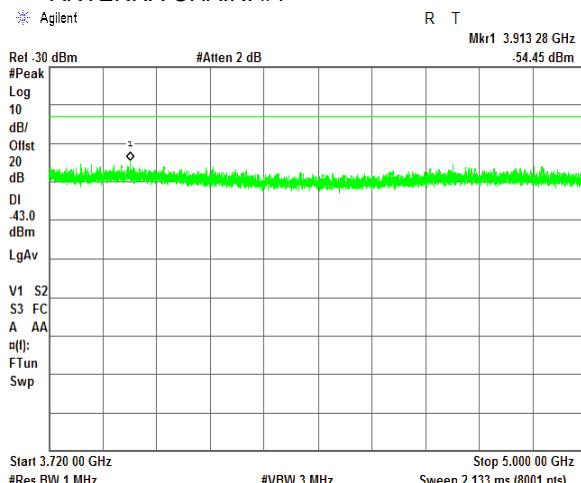
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

#### Plot 7.6.38 Spurious emission measurements in 3720 - 5000 range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

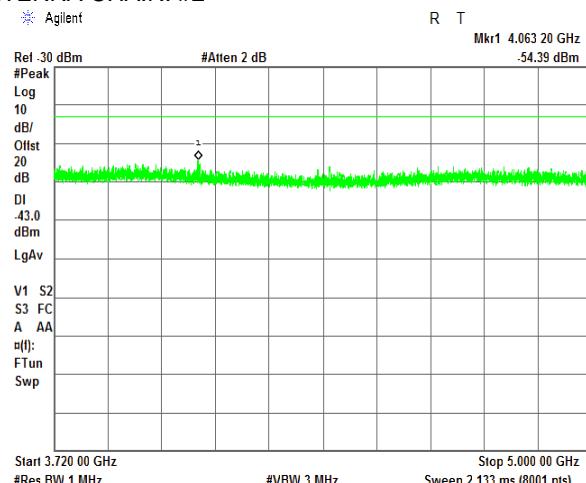
ANTENNA CHAIN: #1



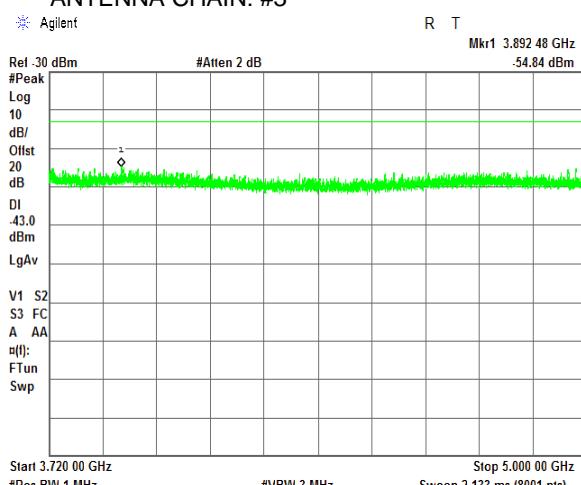
64QAM

20 MHz

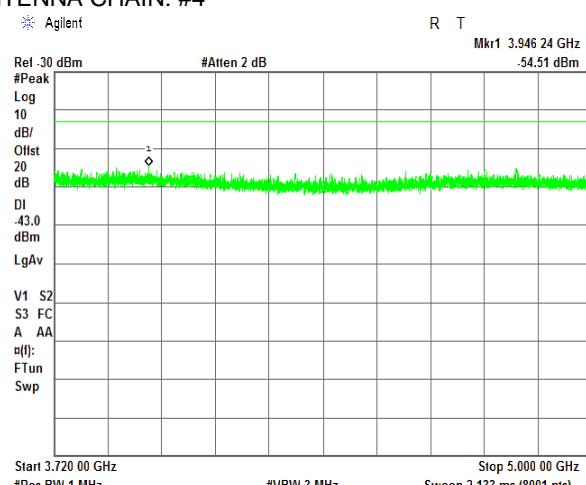
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4

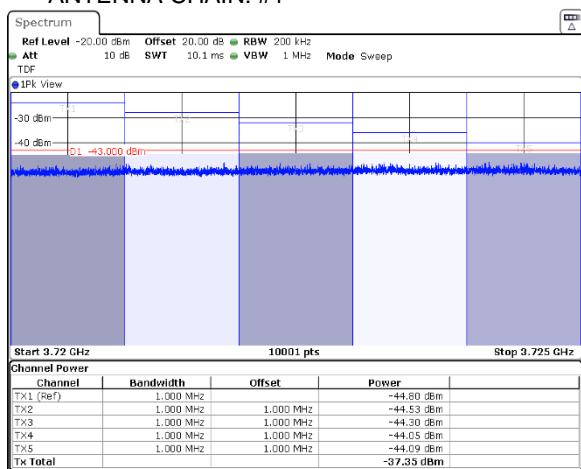
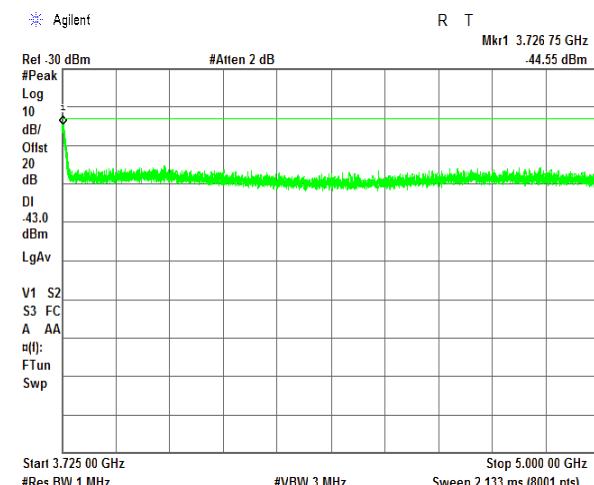




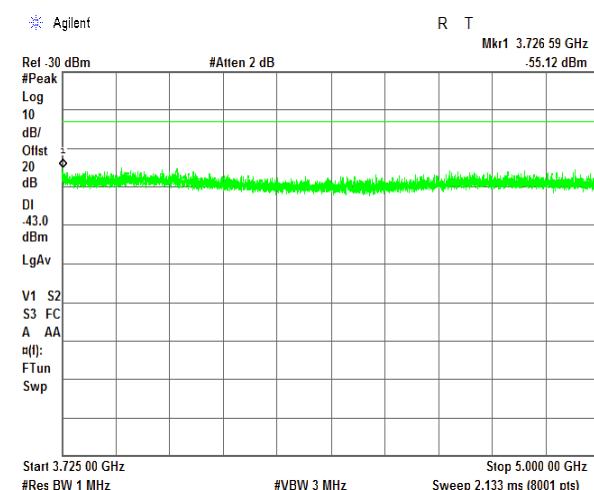
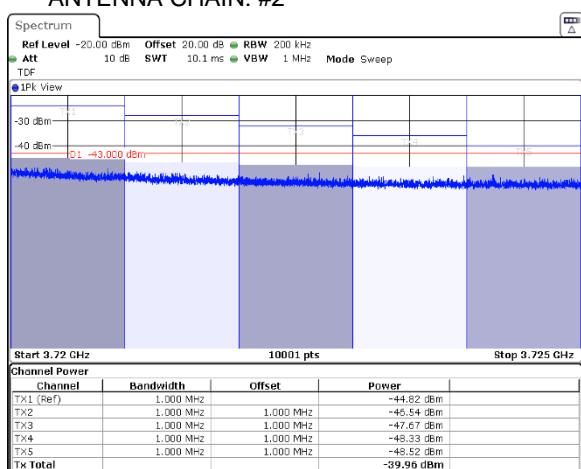
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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
<b>Temperature:</b> 24.1 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1011 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

**Plot 7.6.39 Spurious emission measurements in 3720 - 5000 range at high carrier frequency**MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #164QAM  
20 MHz

ANTENNA CHAIN: #2





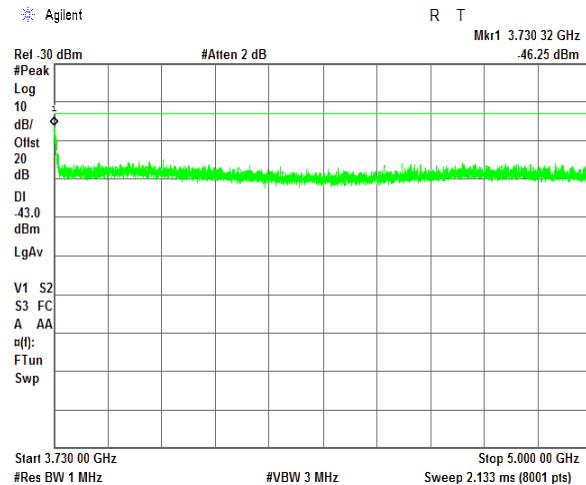
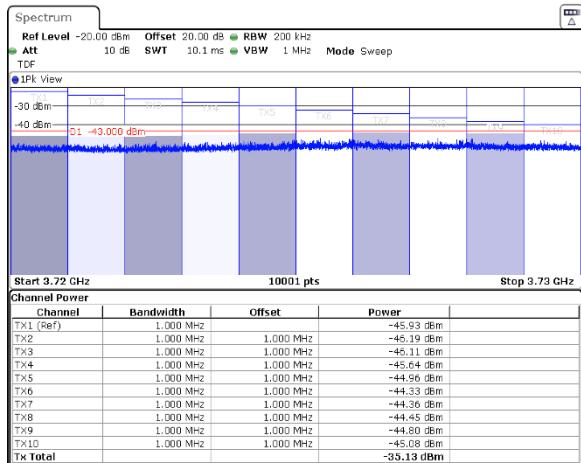
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Report ID: AIRRAD\_FCC.37551\_Rev2

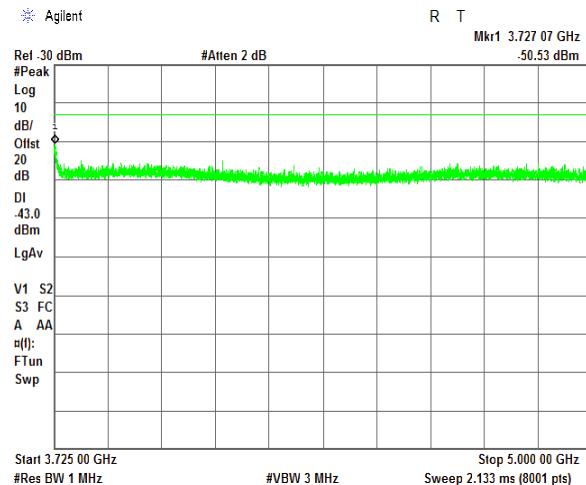
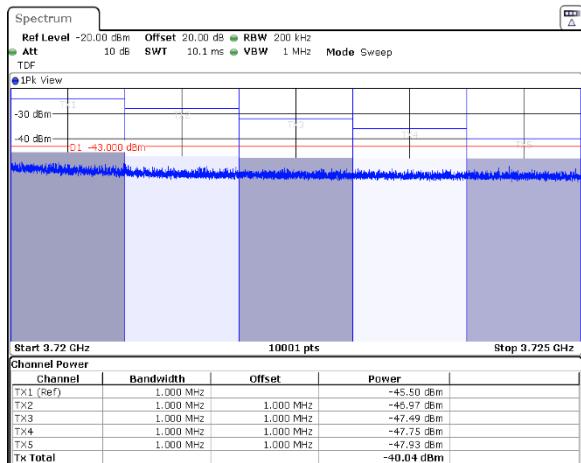
Date of Issue: 23-Aug-20

Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

### ANTENNA CHAIN: #3



### ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2

Date of Issue: 23-Aug-20

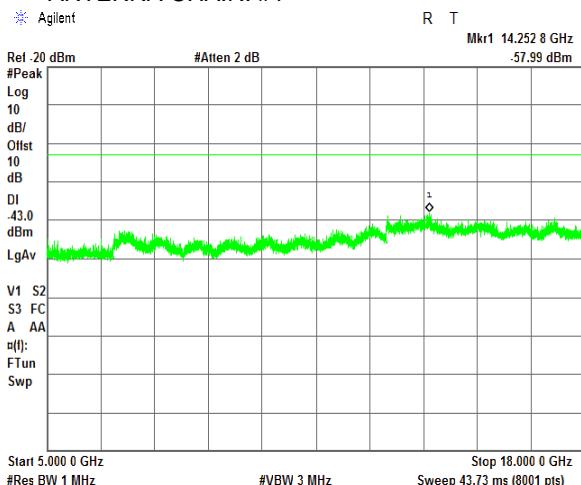
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

#### Plot 7.6.40 Spurious emission measurements in 5 - 18 GHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

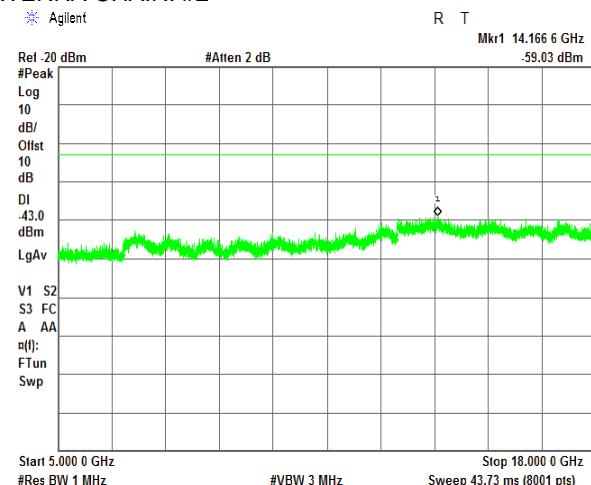
ANTENNA CHAIN: #1



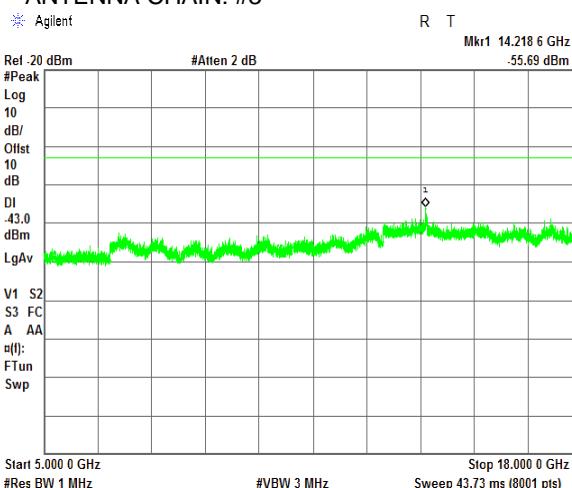
64QAM

20 MHz

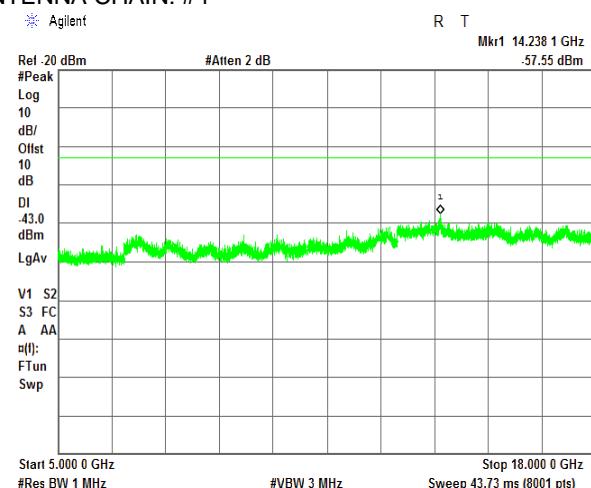
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
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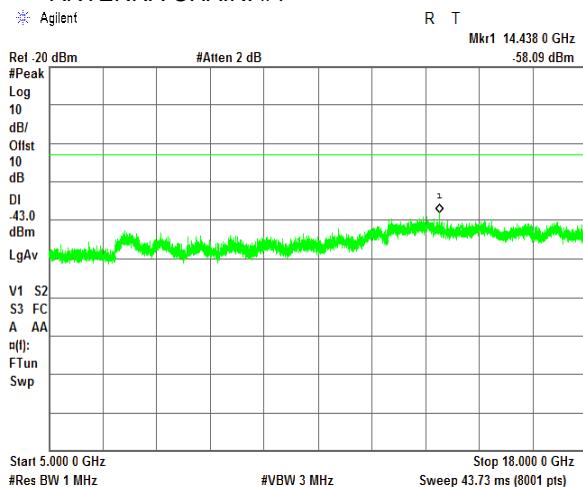
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

**Plot 7.6.41 Spurious emission measurements in 5 - 18 GHz range at mid carrier frequency**

MODULATION:

CHANNEL SPACING:

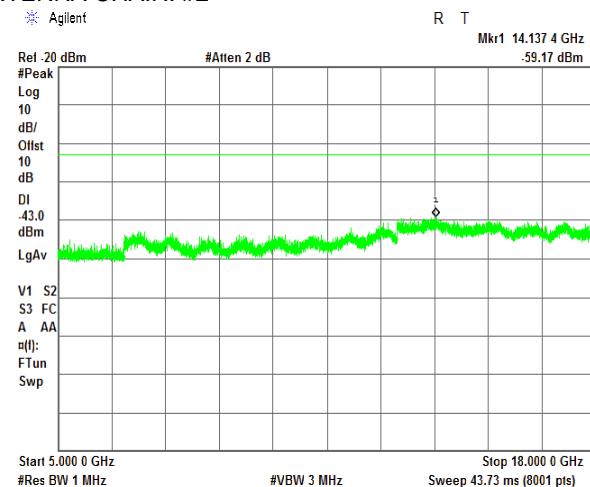
ANTENNA CHAIN: #1



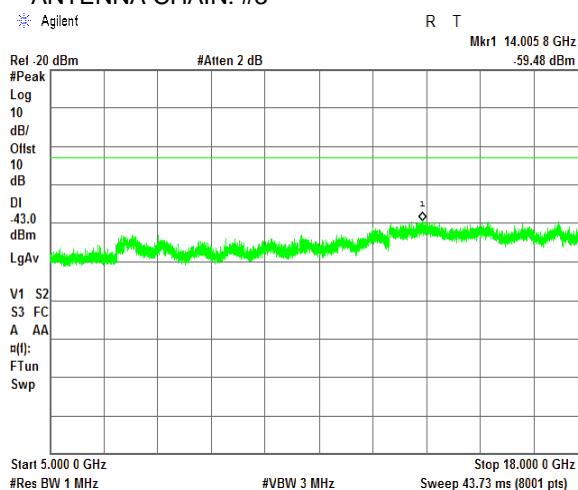
64QAM

20 MHz

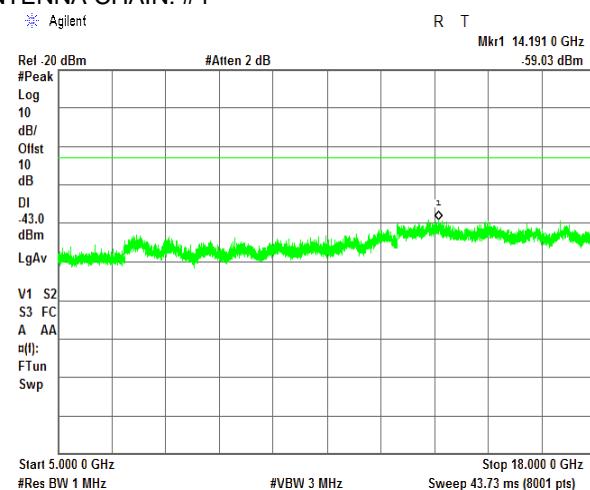
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
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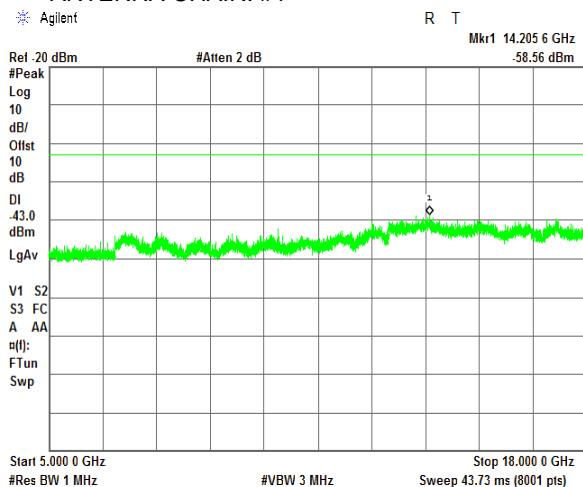
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	23-Apr-20		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
Remarks:			

**Plot 7.6.42 Spurious emission measurements in 5 - 18 GHz range at high carrier frequency**

MODULATION:

CHANNEL SPACING:

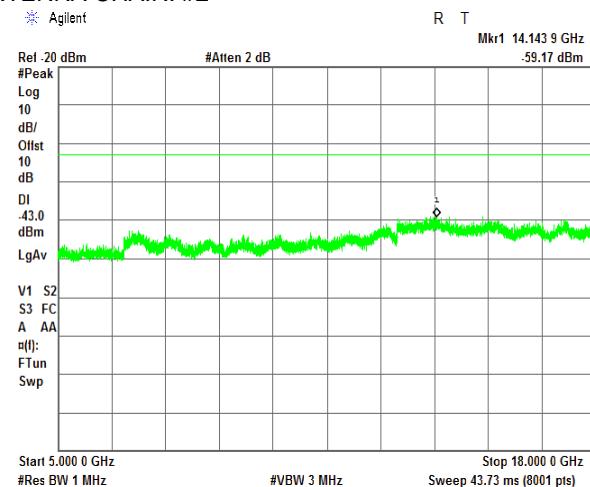
ANTENNA CHAIN: #1



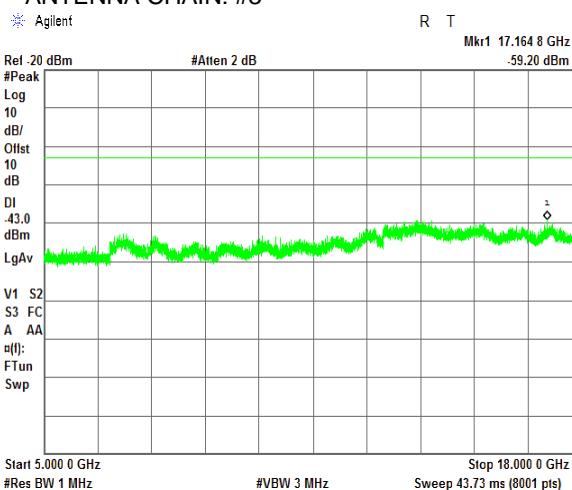
64QAM

20 MHz

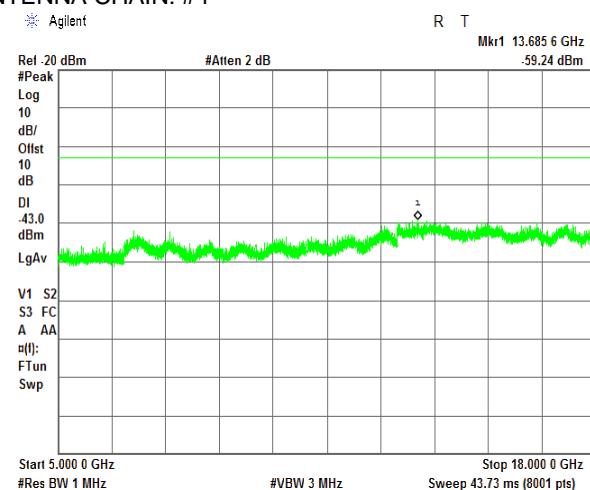
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

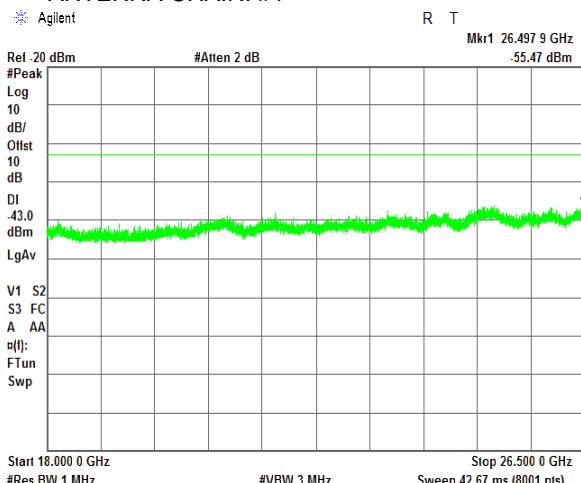
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.43 Spurious emission measurements in 18 – 26.5 GHz range at low carrier frequency**

MODULATION:

CHANNEL SPACING:

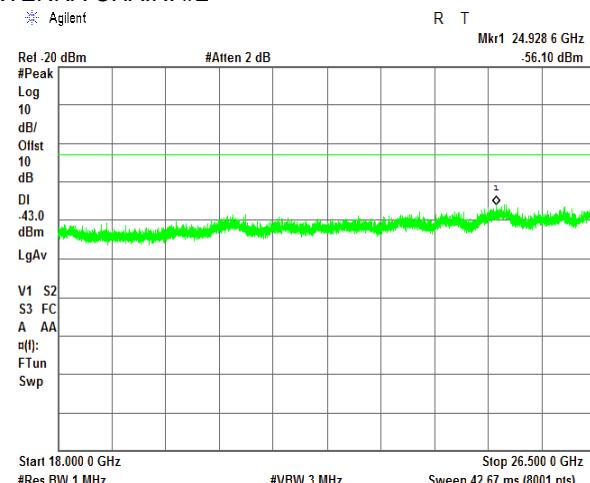
ANTENNA CHAIN: #1



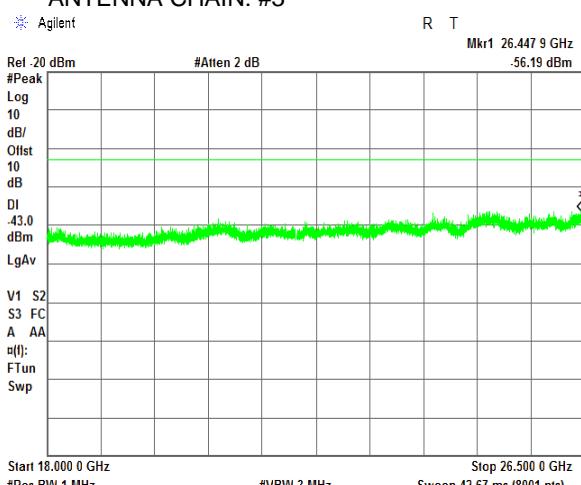
64QAM

20 MHz

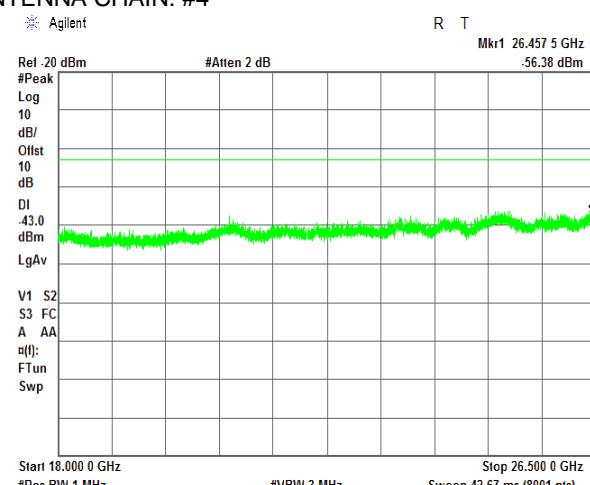
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD\_FCC.37551\_Rev2  
Date of Issue: 23-Aug-20

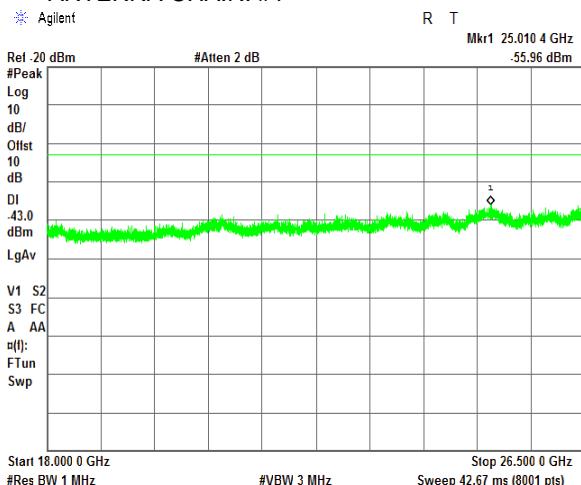
<b>Test specification:</b> Section 96.41(e)(3), Conducted spurious emissions			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance			<b>Verdict:</b> PASS
<b>Date(s):</b> 23-Apr-20			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VDC
<b>Remarks:</b>			

**Plot 7.6.44 Spurious emission measurements in 18 – 26.5 GHz range at mid carrier frequency**

MODULATION:

CHANNEL SPACING:

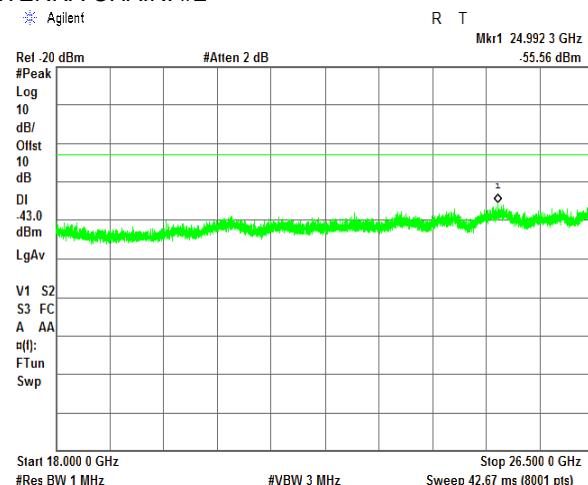
ANTENNA CHAIN: #1



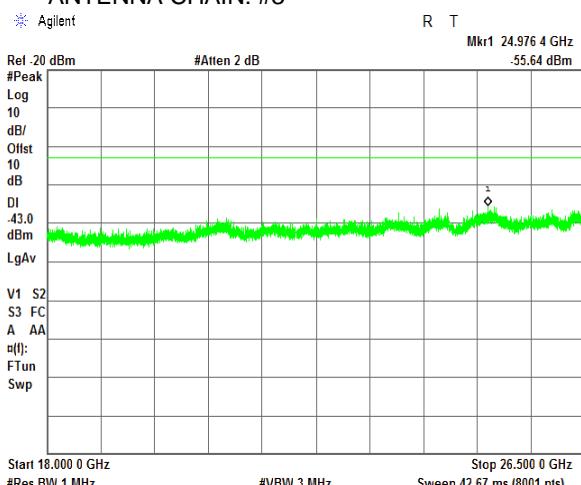
64QAM

20 MHz

ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4

