



HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

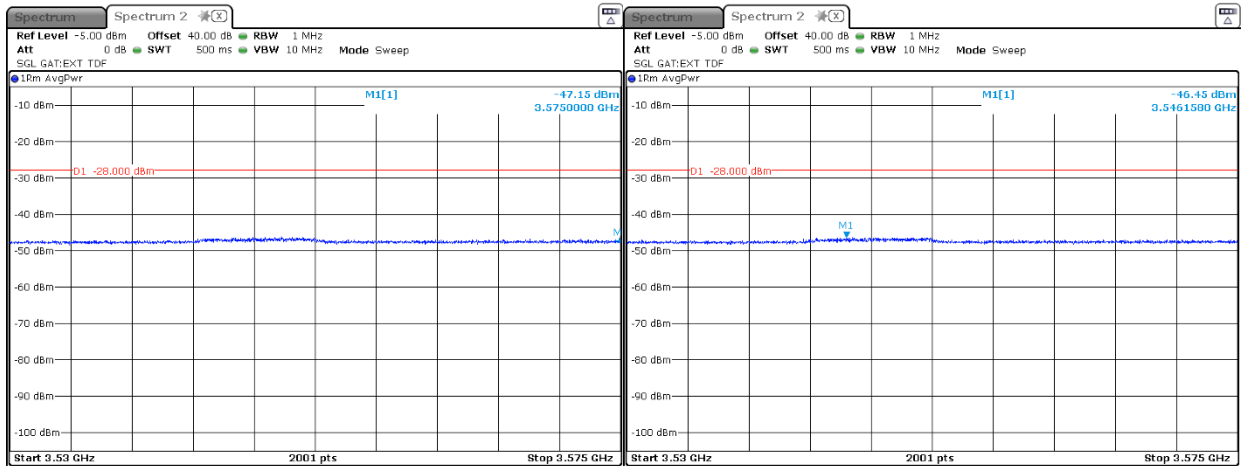
Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

Plot 7.4.8 Emission outside the fundamental test results in 3530 - 3575 GHz range at mid carrier frequency

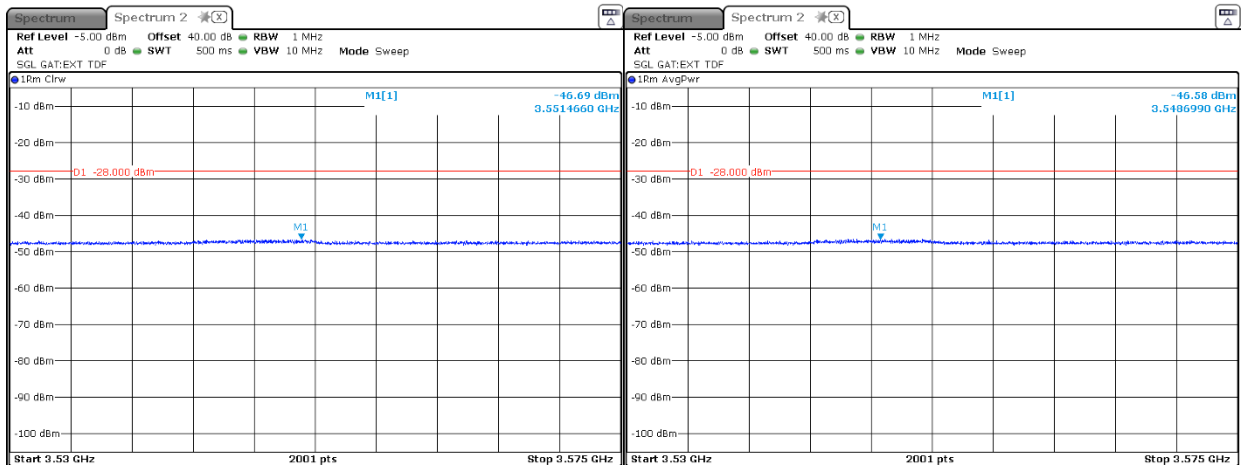
MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

64QAM  
10 MHz  
ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6



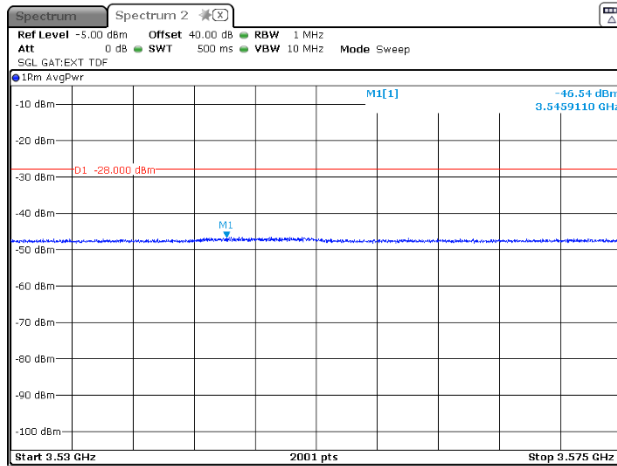


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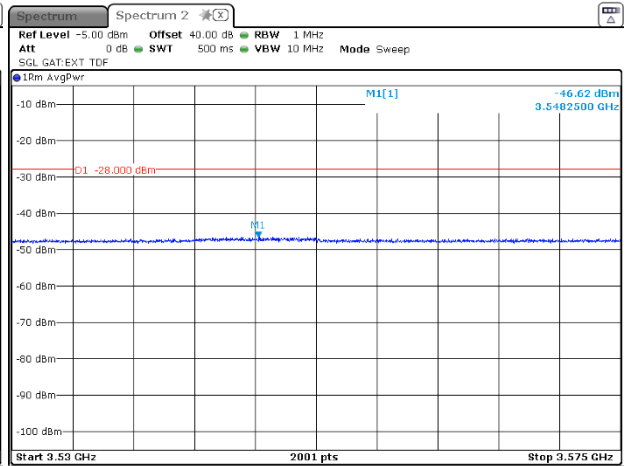
Report ID: AIRRAD\_FCC.37550  
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
Compliance			
<b>Date(s):</b>		04-Aug-20	
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

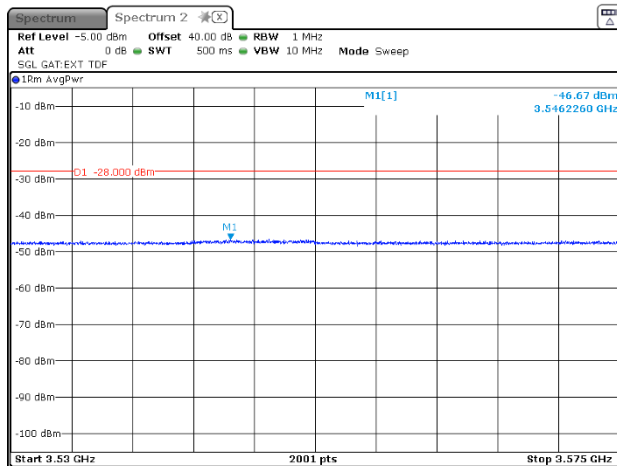
ANTENNA CHAIN: #3



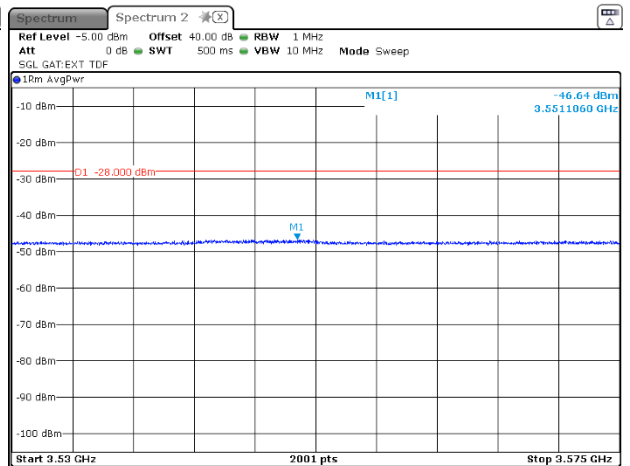
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





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Report ID: AIRRAD\_FCC.37550

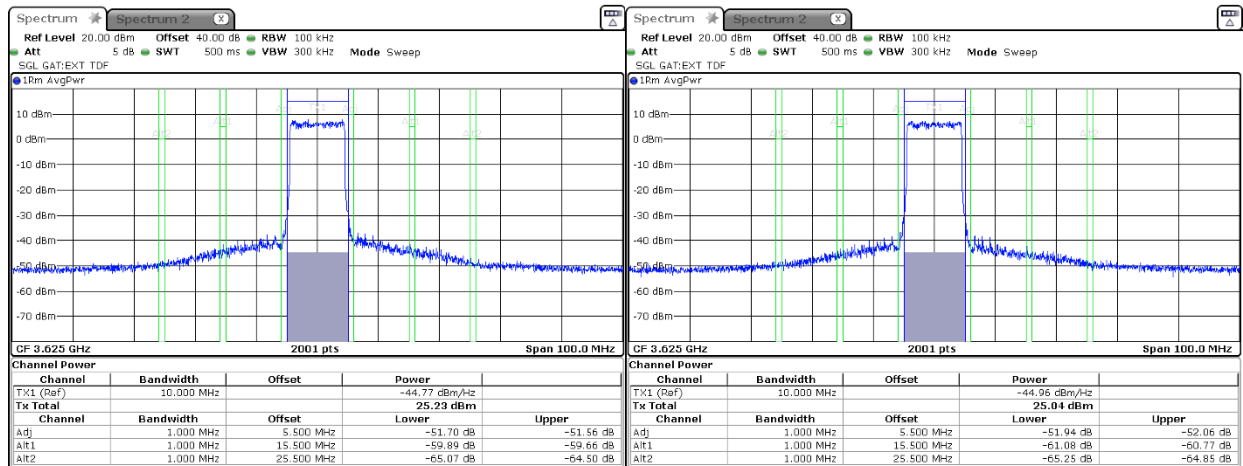
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
<b>Date(s):</b>			
04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

Plot 7.4.9 Emission outside the fundamental test results in 3575 - 3675 GHz range at mid carrier frequency

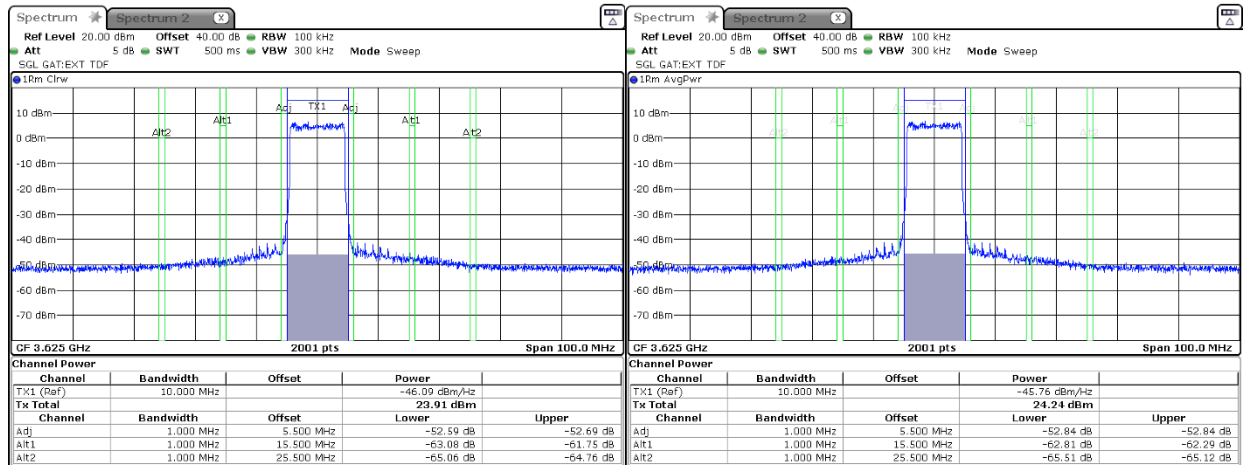
MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

64QAM  
10 MHz  
ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6





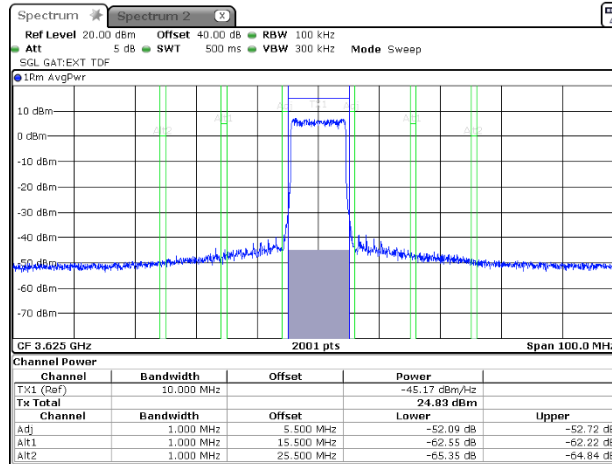
HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

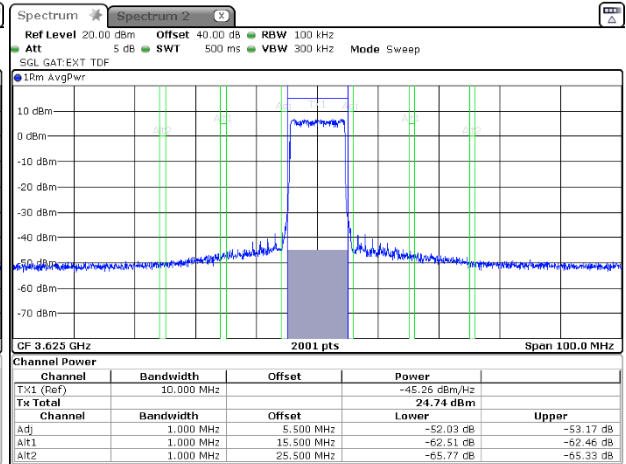
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		Compliance	<b>Verdict:</b> PASS
<b>Date(s):</b>		04-Aug-20	
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

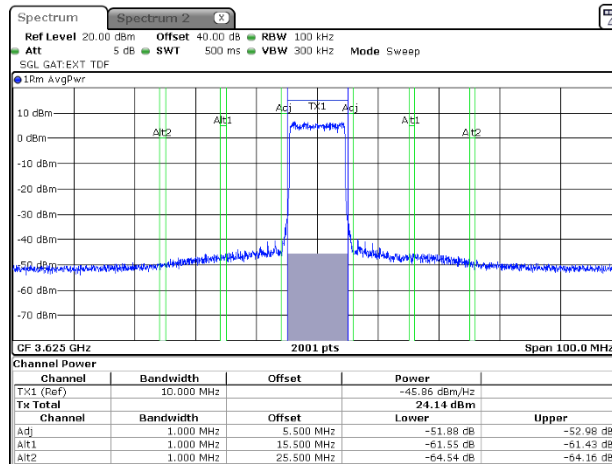
ANTENNA CHAIN: #3



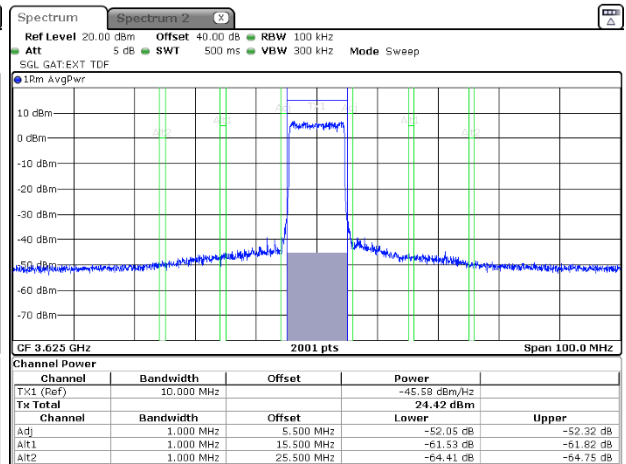
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





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Report ID: AIRRAD\_FCC.37550

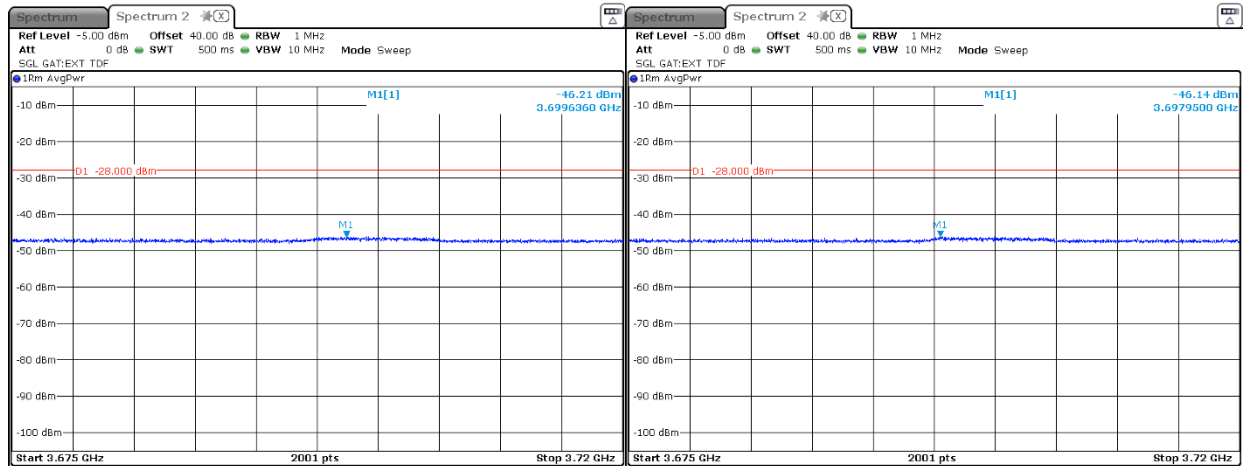
Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

Plot 7.4.10 Emission outside the fundamental test results in 3675 - 3720 GHz range at mid carrier frequency

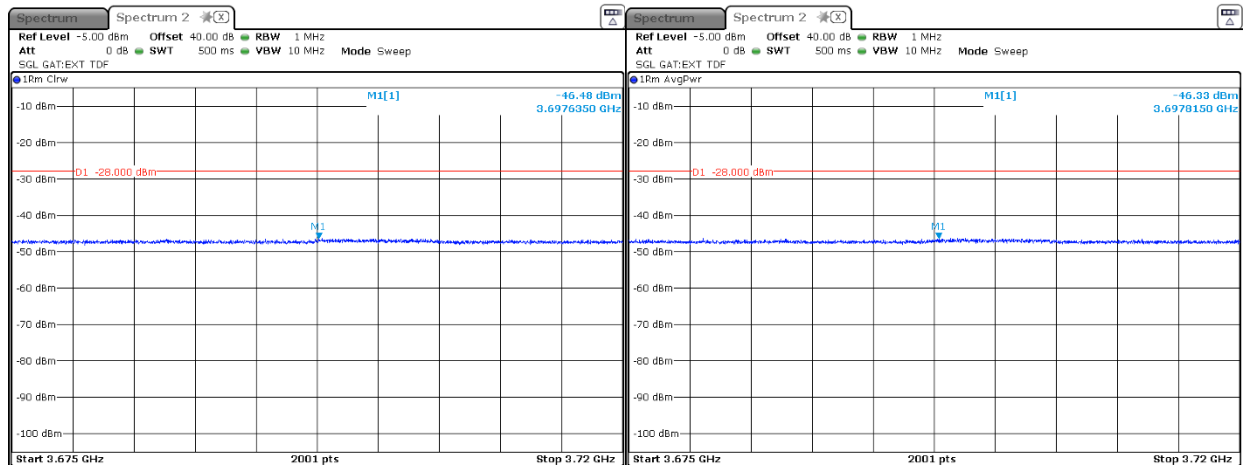
MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

64QAM  
10 MHz  
ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6



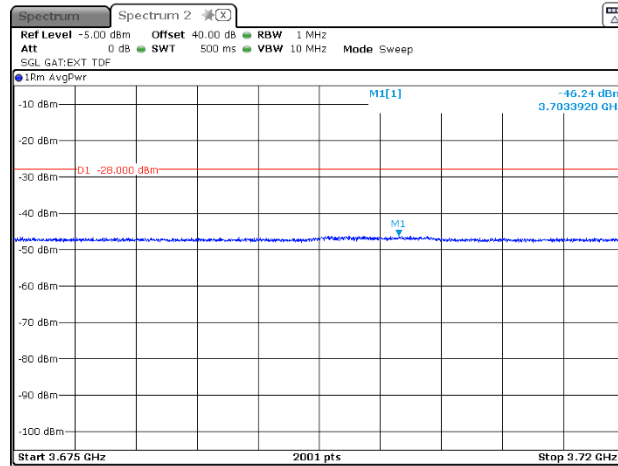


HERMON LABORATORIES

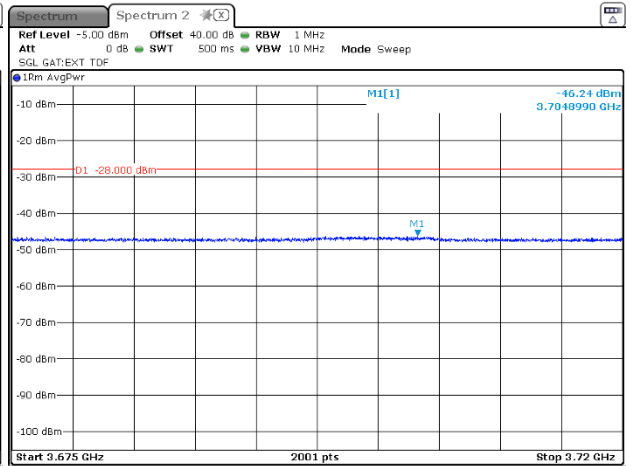
Report ID: AIRRAD\_FCC.37550  
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
Compliance			
<b>Date(s):</b>		04-Aug-20	
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

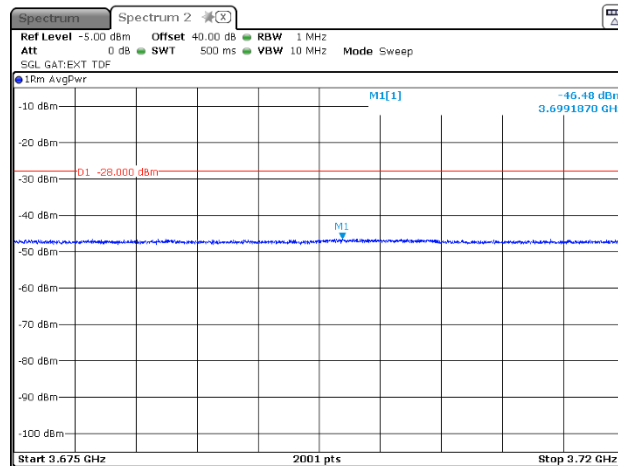
ANTENNA CHAIN: #3



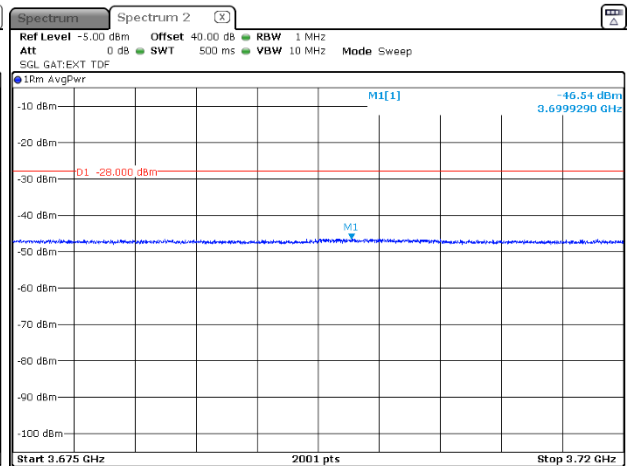
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





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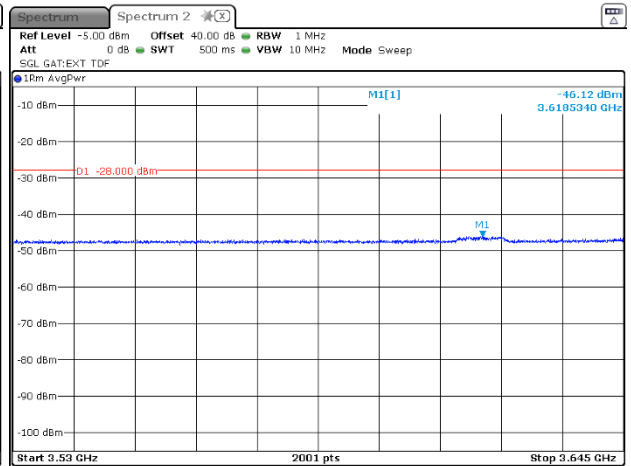
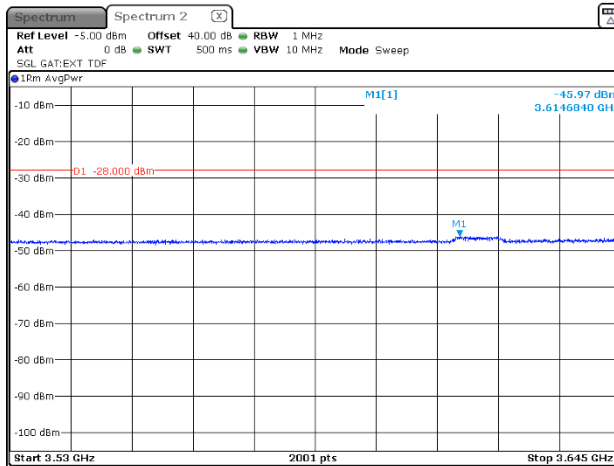
Report ID: AIRRAD\_FCC.37550  
Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

Plot 7.4.11 Emission outside the fundamental test results in 3530 - 3645 GHz range at high carrier frequency

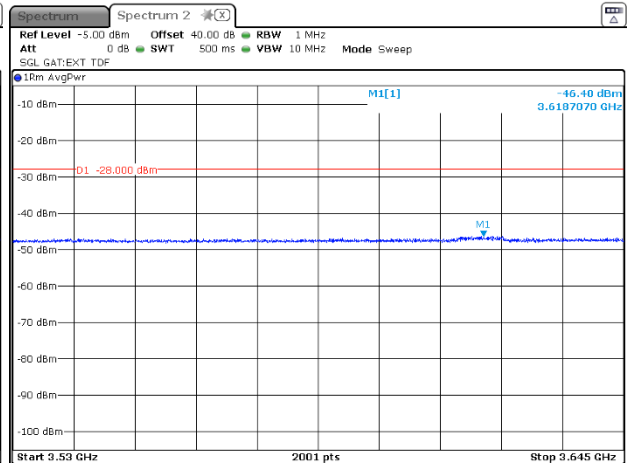
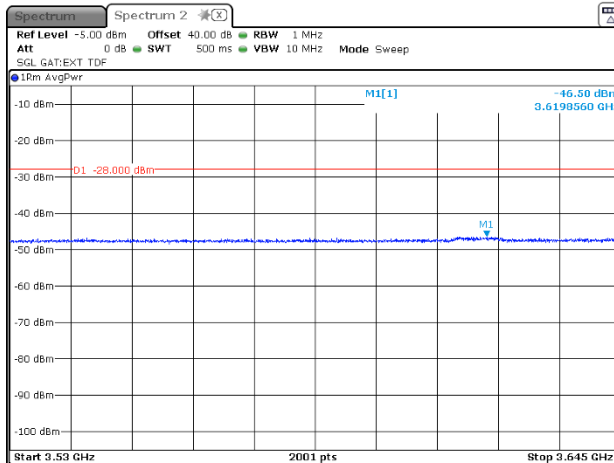
MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

QPSK  
10 MHz  
ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6





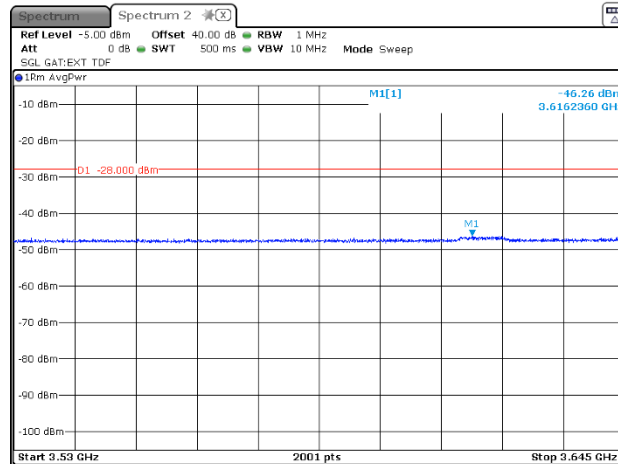
HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

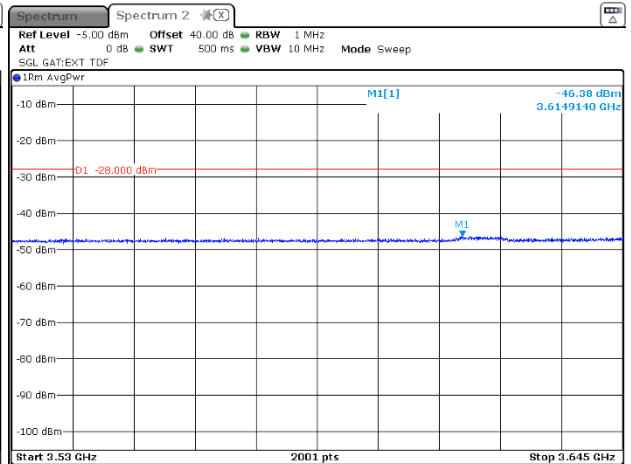
Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

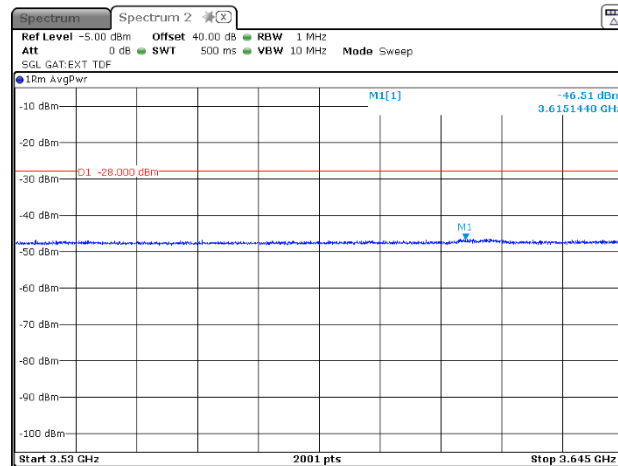
ANTENNA CHAIN: #3



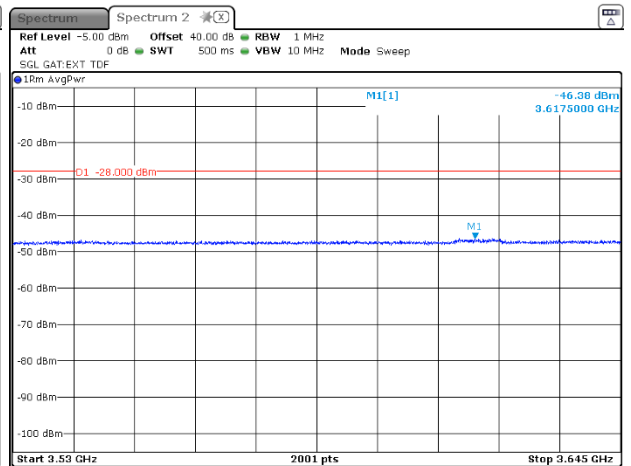
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8







HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

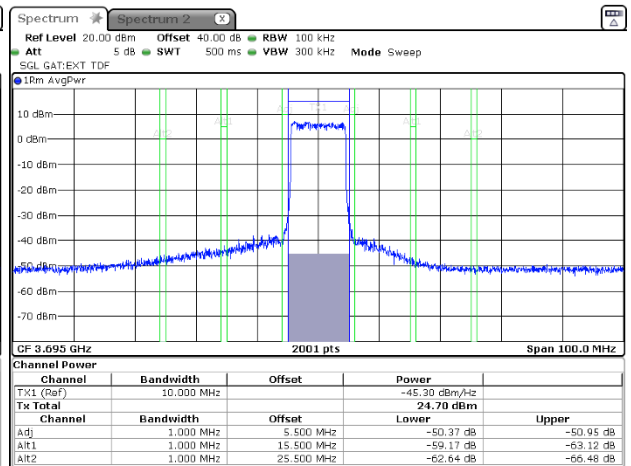
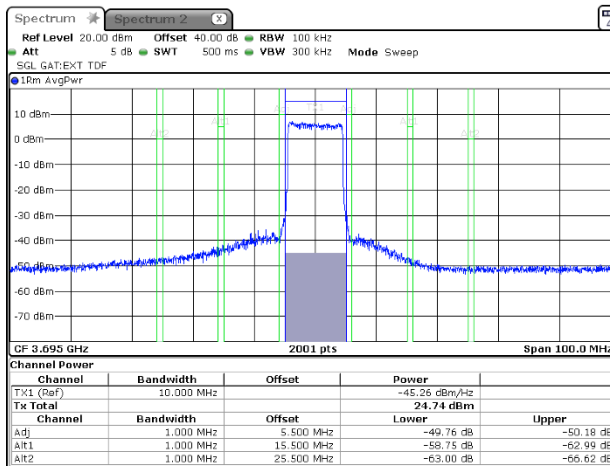
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
<b>Date(s):</b>			
04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

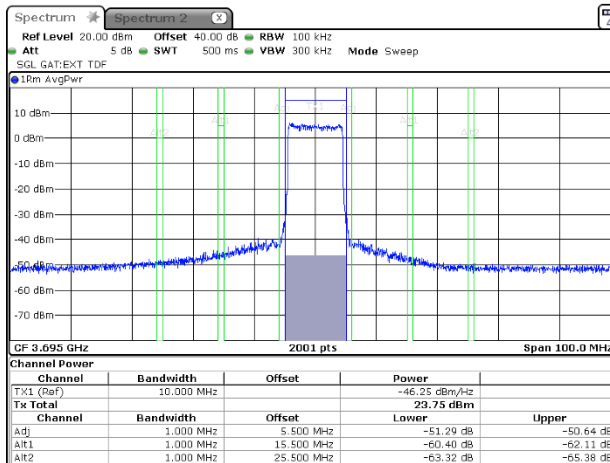
Plot 7.4.12 Emission outside the fundamental test results in 3645 - 3745 GHz range at high carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

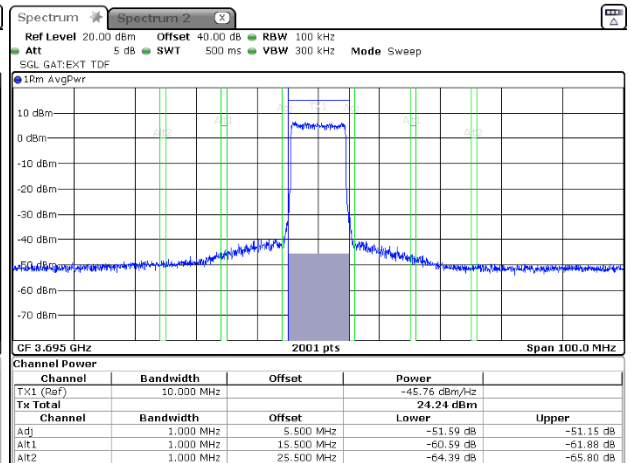
QPSK  
10 MHz  
ANTENNA CHAIN: #5



ANTENNA CHAIN: #2



ANTENNA CHAIN: #6

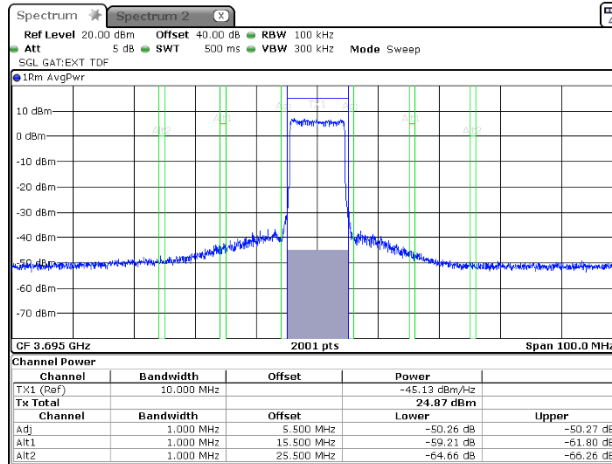




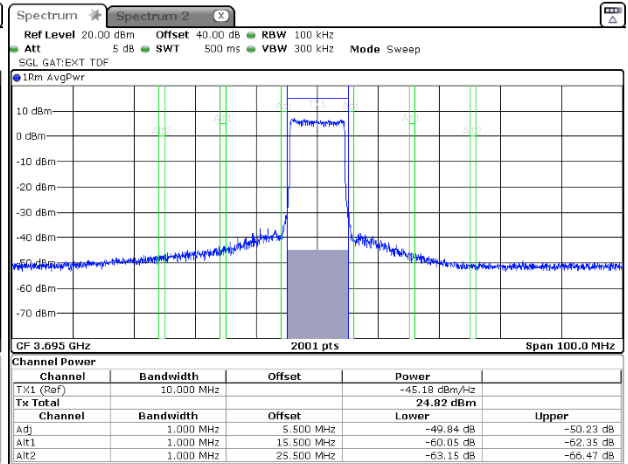
HERMON LABORATORIES

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
<b>Date(s):</b>			
04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

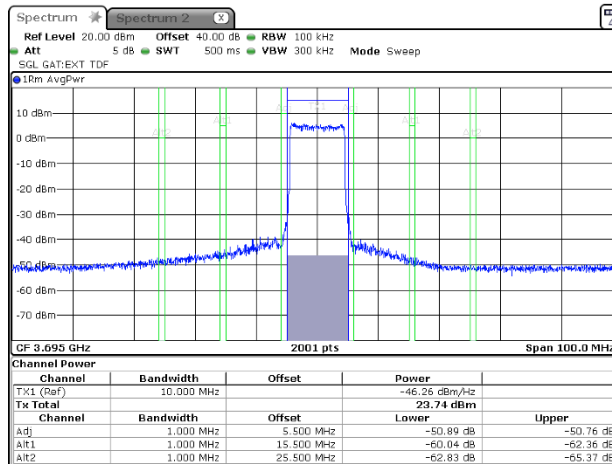
ANTENNA CHAIN: #3



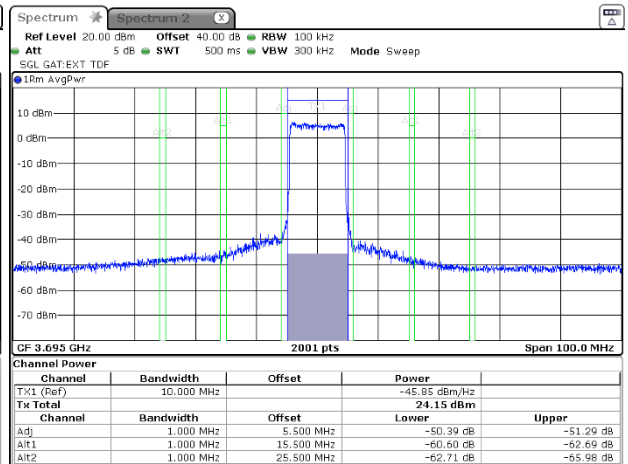
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

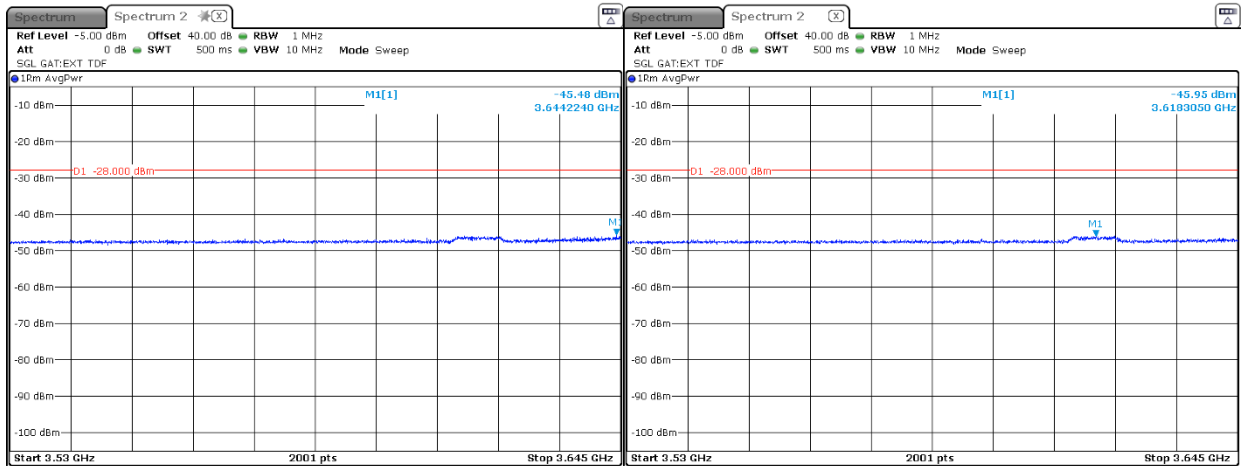
Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

Plot 7.4.13 Emission outside the fundamental test results in 3530 - 3645 GHz range at high carrier frequency

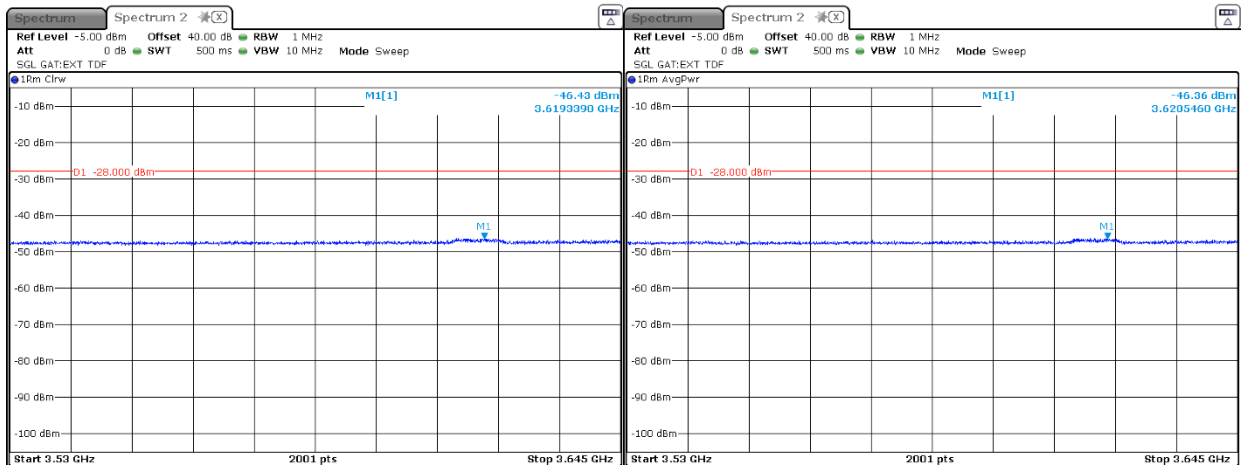
MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

64QAM  
10 MHz  
ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6



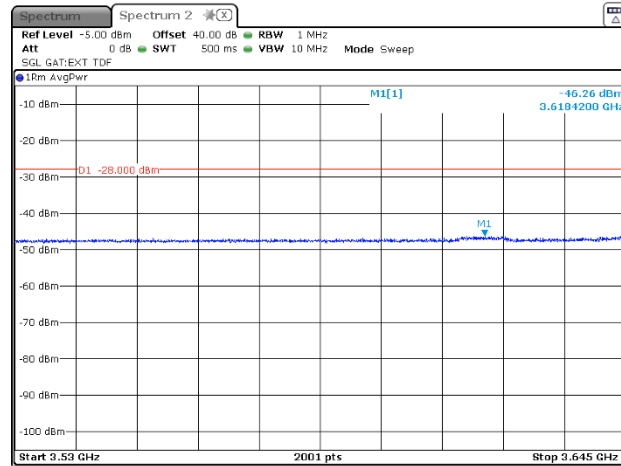


HERMON LABORATORIES

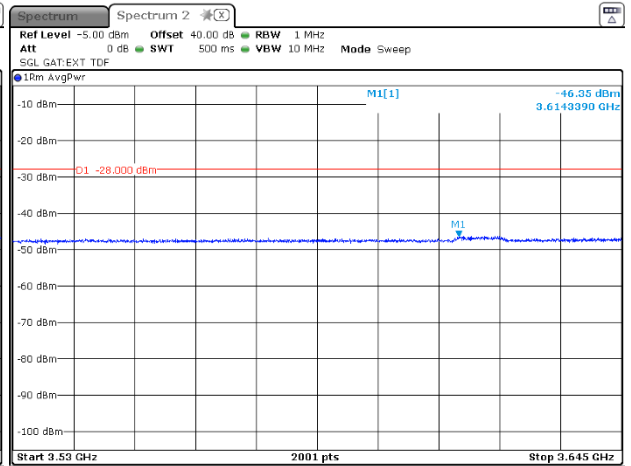
Report ID: AIRRAD\_FCC.37550  
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
Compliance			
<b>Date(s):</b>		04-Aug-20	
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

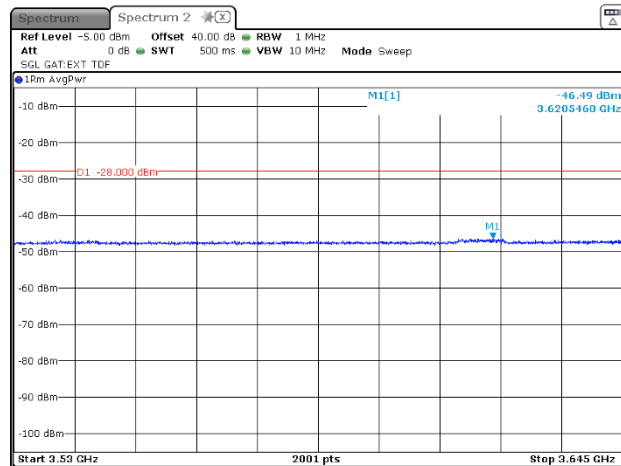
ANTENNA CHAIN: #3



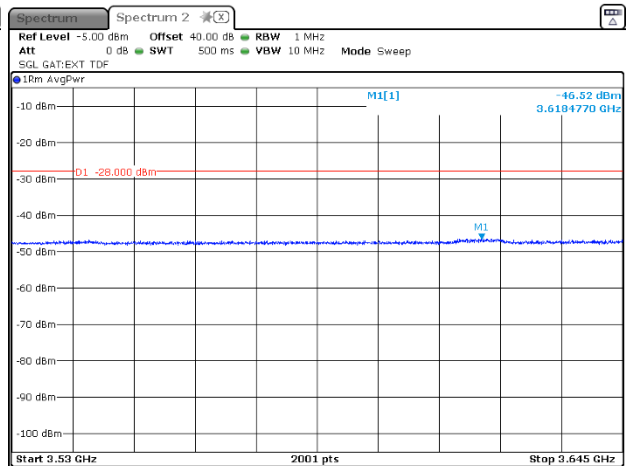
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





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Report ID: AIRRAD\_FCC.37550

Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
Compliance			
<b>Date(s):</b>		04-Aug-20	
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

Plot 7.4.14 Emission outside the fundamental test results in 3645 - 3745 GHz range at high carrier frequency

MODULATION:

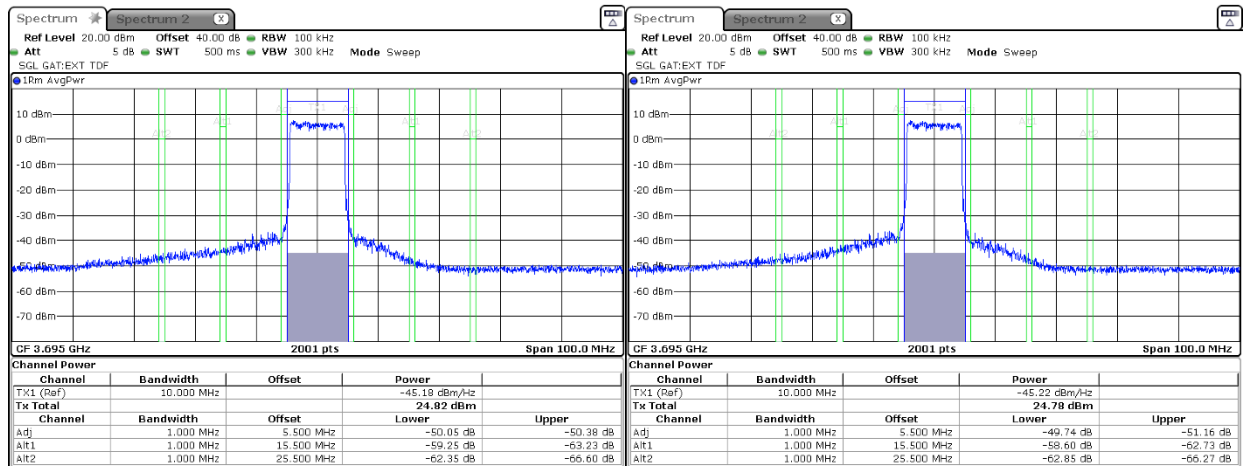
64QAM

CHANNEL SPACING:

10 MHz

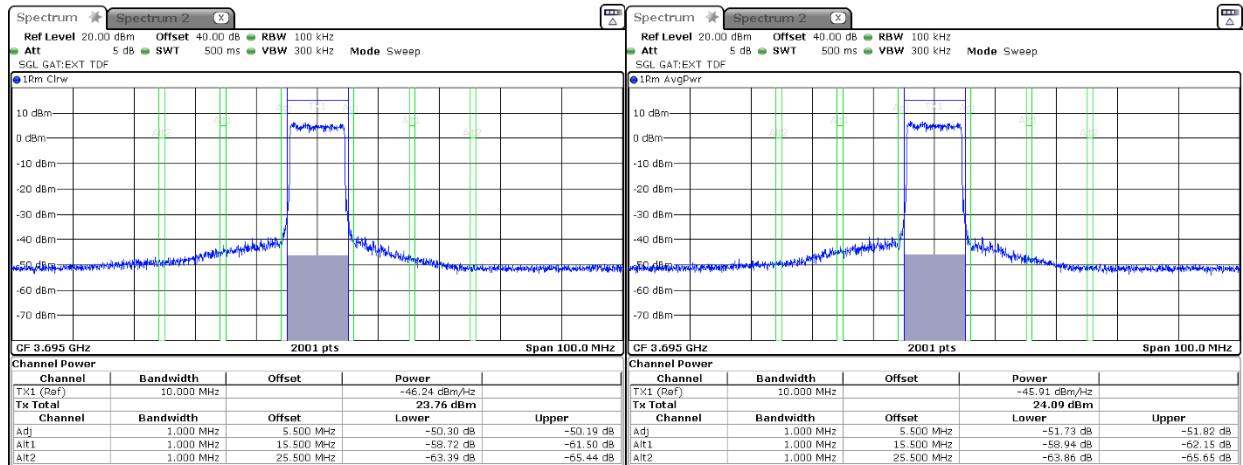
ANTENNA CHAIN: #1

ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6

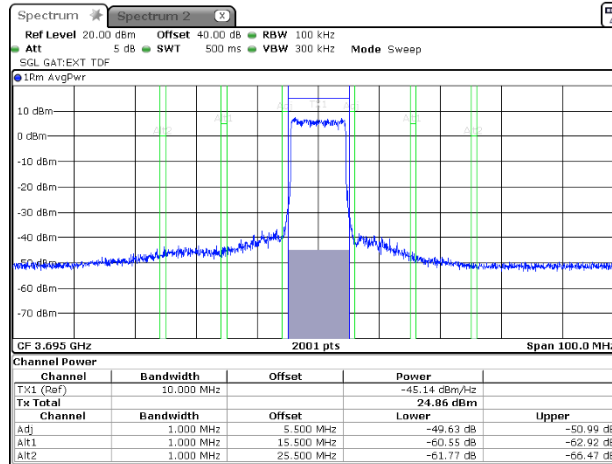




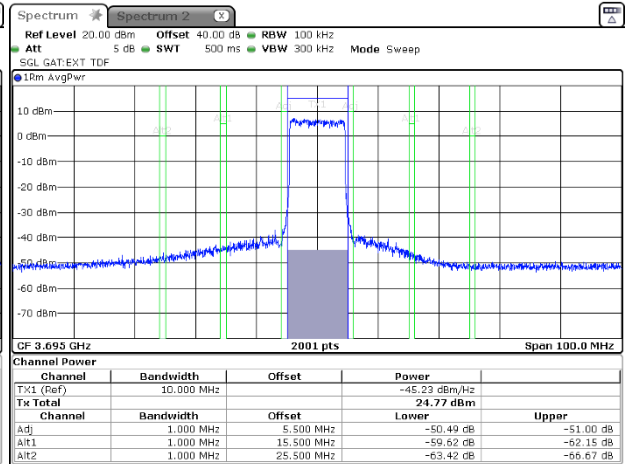
HERMON LABORATORIES

<b>Test specification:</b> Section 96.41(e), Emission mask			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

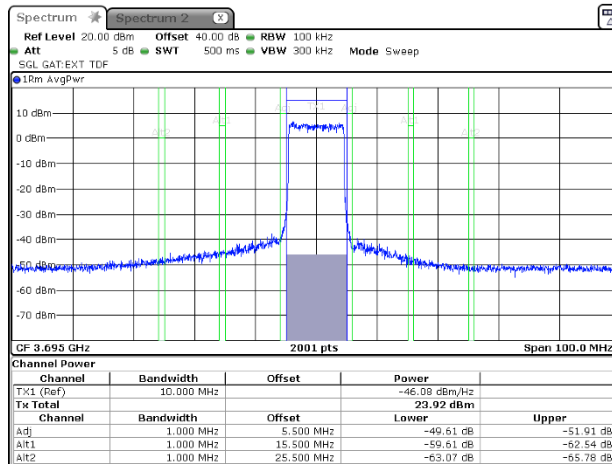
ANTENNA CHAIN: #3



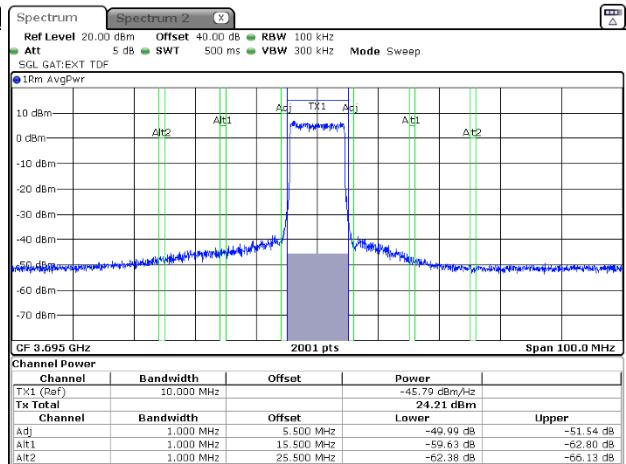
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





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Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
<b>Date(s):</b>			
04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

Plot 7.4.15 Emission outside the fundamental test results in 3510 - 3610 GHz range at low carrier frequency

MODULATION:

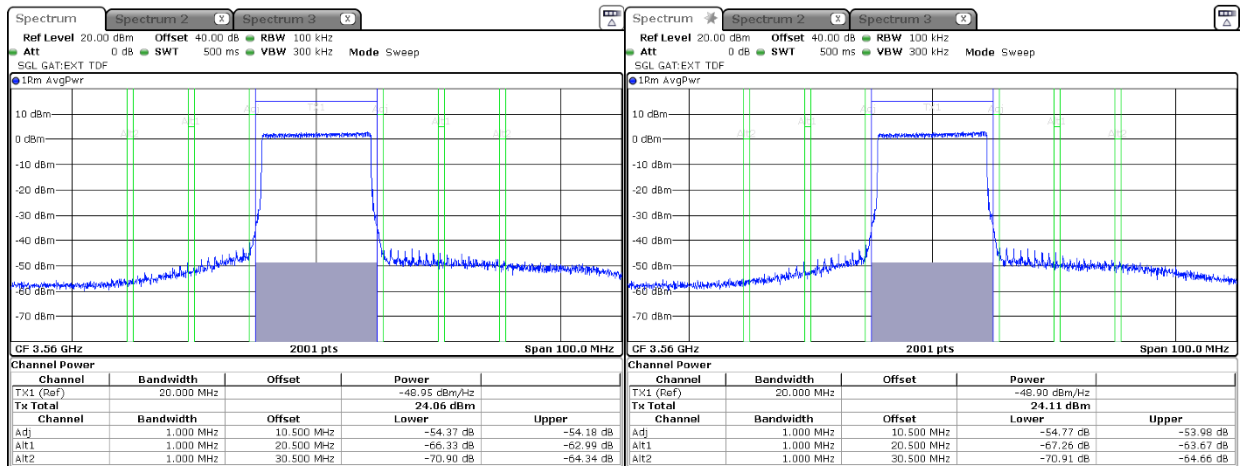
QPSK

CHANNEL SPACING:

20 MHz

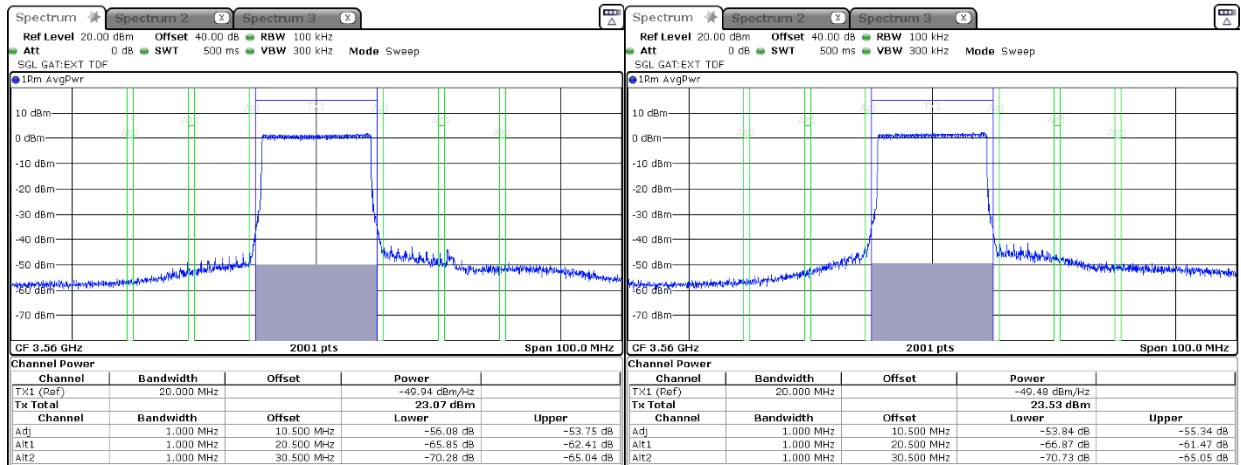
ANTENNA CHAIN: #1

ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6





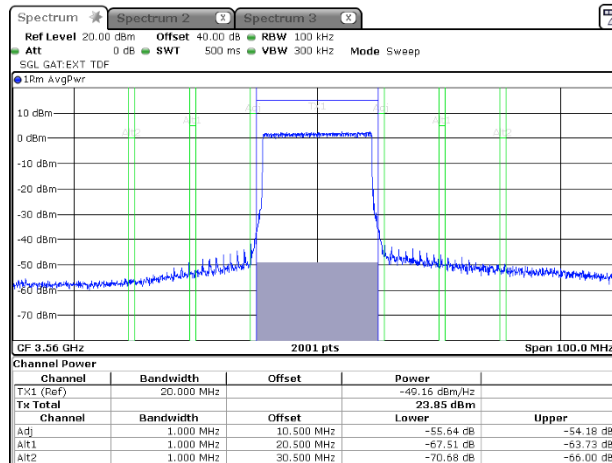
HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

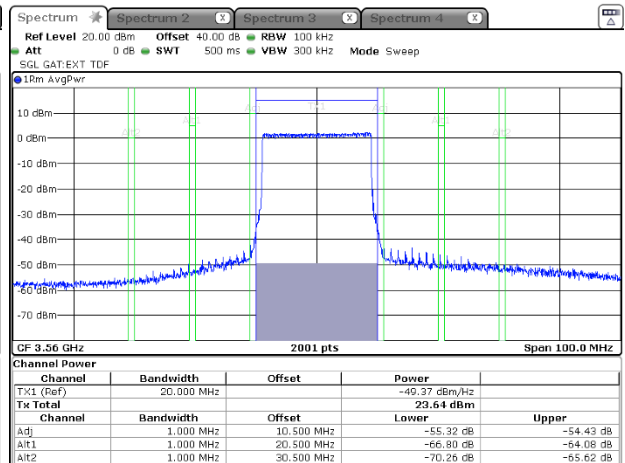
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		Compliance	<b>Verdict:</b> PASS
<b>Date(s):</b>		04-Aug-20	
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

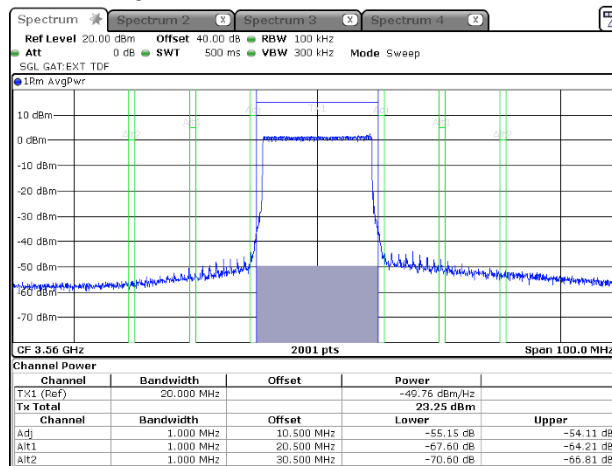
ANTENNA CHAIN: #3



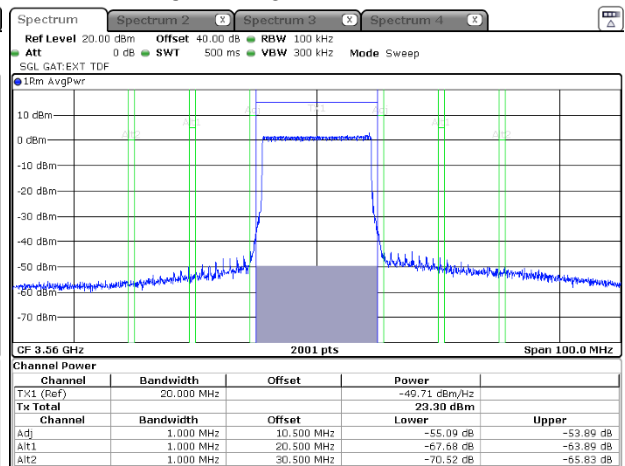
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8







HERMON LABORATORIES

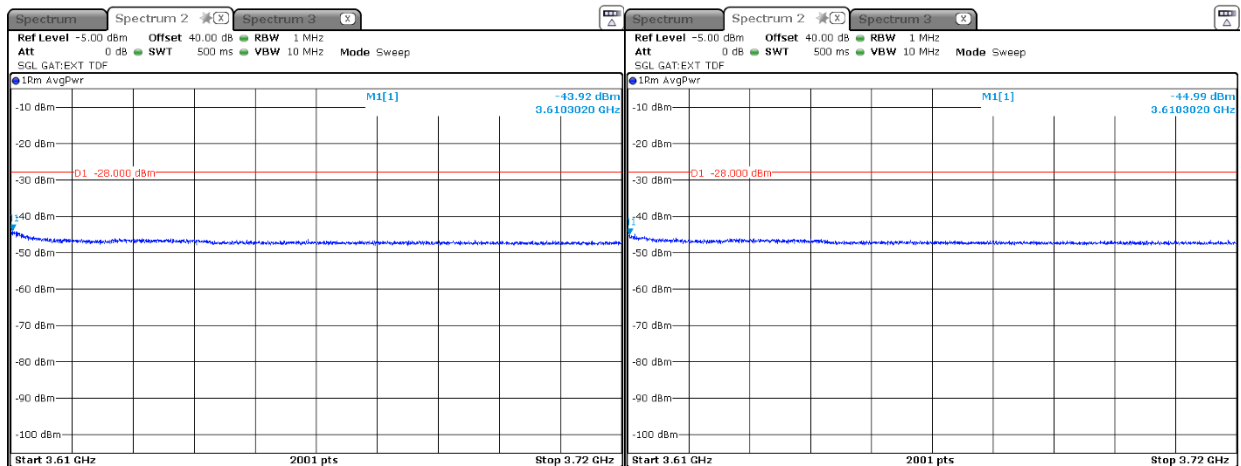
Report ID: AIRRAD\_FCC.37550  
Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

Plot 7.4.16 Emission outside the fundamental test results in 3610 - 3720 GHz range at low carrier frequency

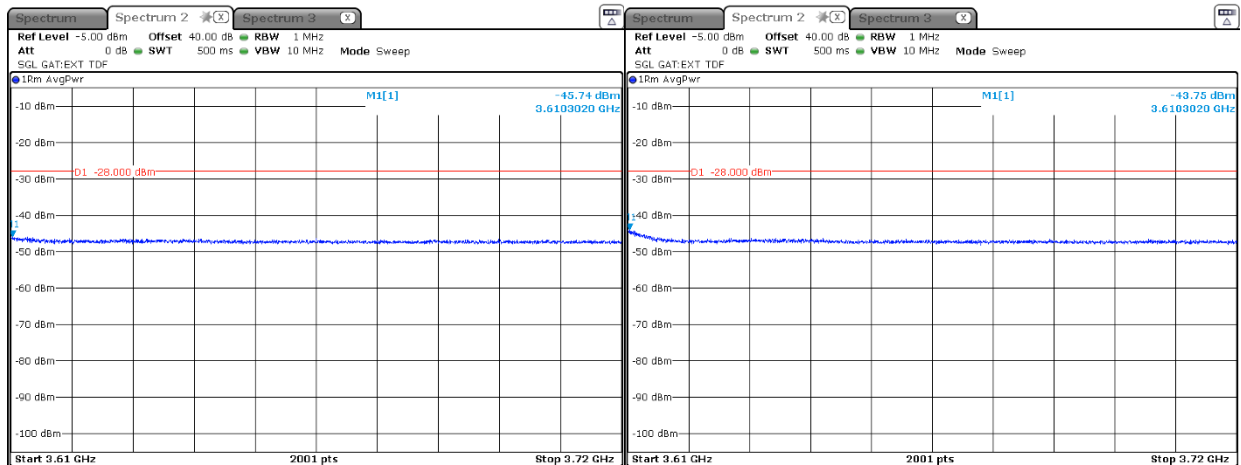
MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

QPSK  
20 MHz  
ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6



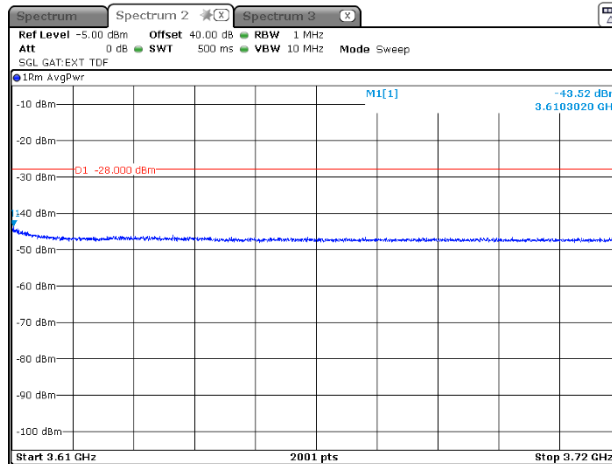


HERMON LABORATORIES

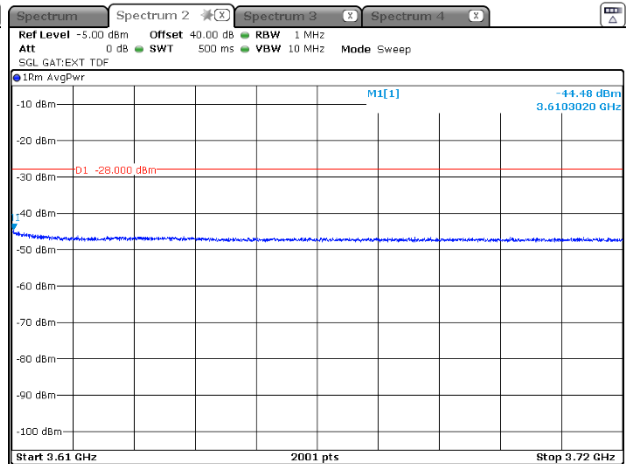
Report ID: AIRRAD\_FCC.37550  
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
Compliance			
<b>Date(s):</b>		04-Aug-20	
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

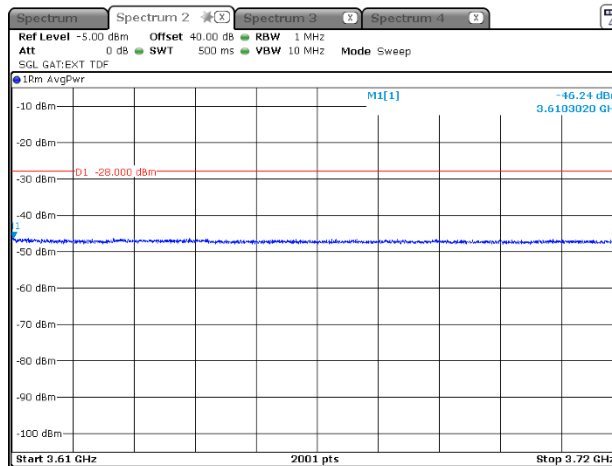
ANTENNA CHAIN: #3



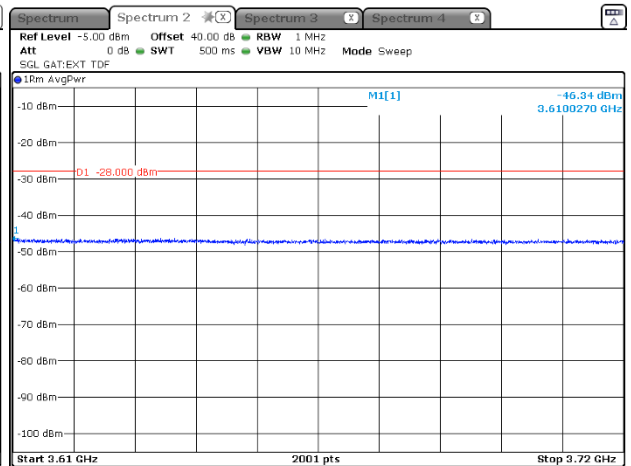
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





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Report ID: AIRRAD\_FCC.37550

Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

Plot 7.4.17 Emission outside the fundamental test results in 3510 - 3610 GHz range at low carrier frequency

MODULATION:

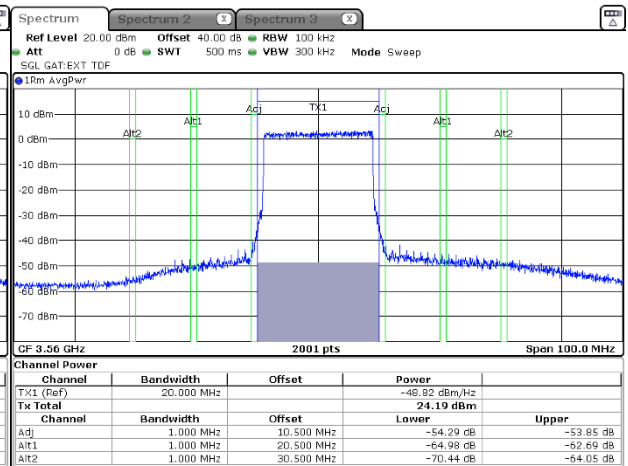
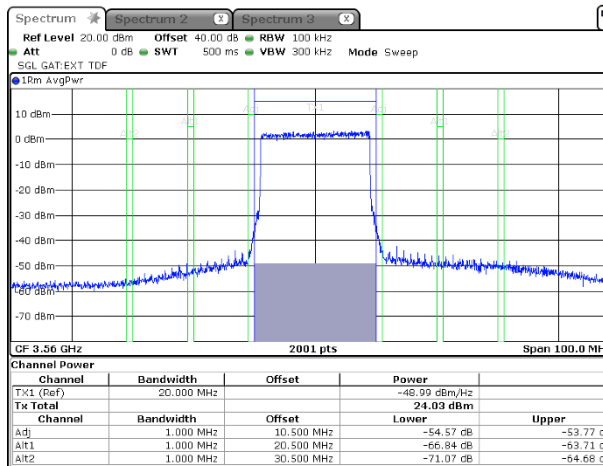
64QAM

CHANNEL SPACING:

20 MHz

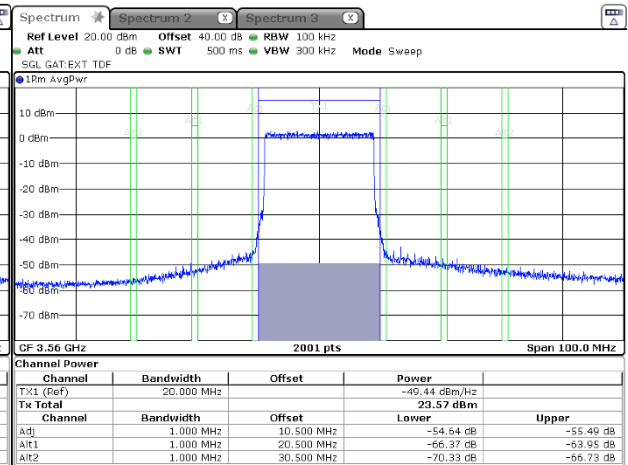
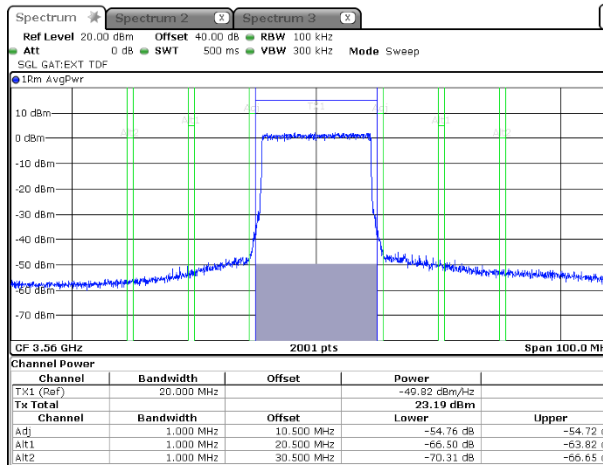
ANTENNA CHAIN: #1

ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6

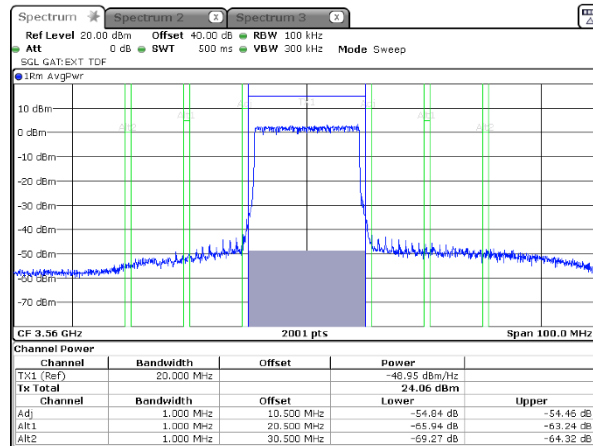




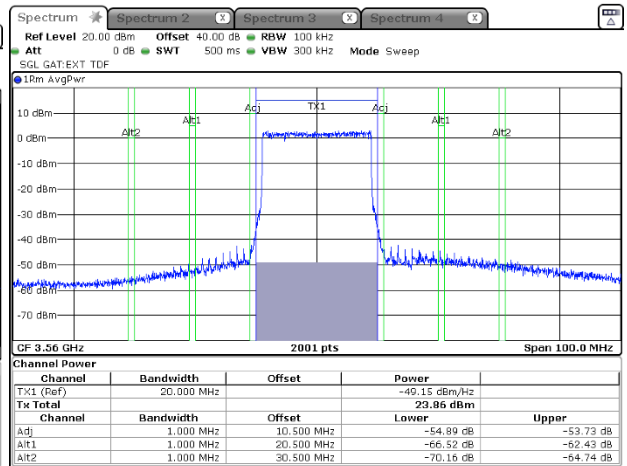
HERMON LABORATORIES

<b>Test specification:</b> Section 96.41(e), Emission mask			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

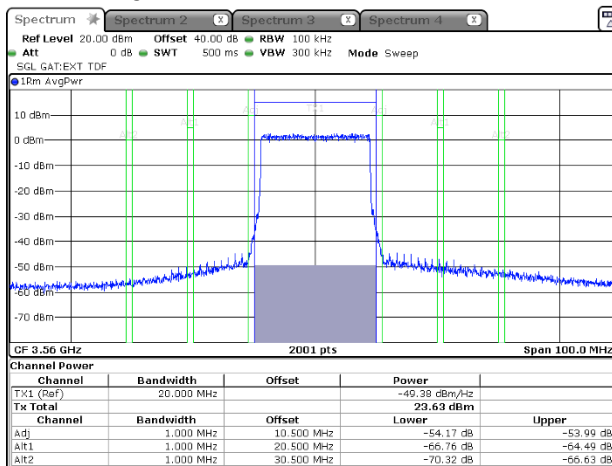
ANTENNA CHAIN: #3



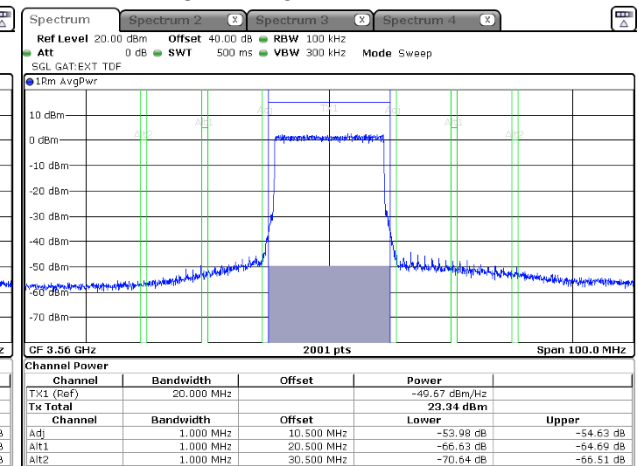
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
<b>Date(s):</b>			
04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

**Plot 7.4.18 Emission outside the fundamental test results in 3610 - 3720 GHz range at low carrier frequency**

MODULATION:

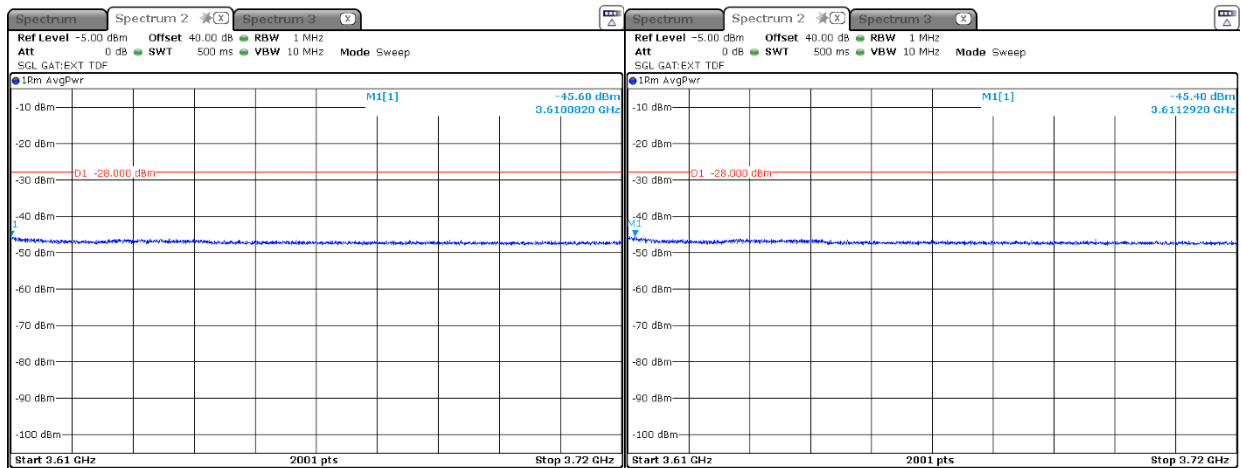
64QAM

CHANNEL SPACING:

20 MHz

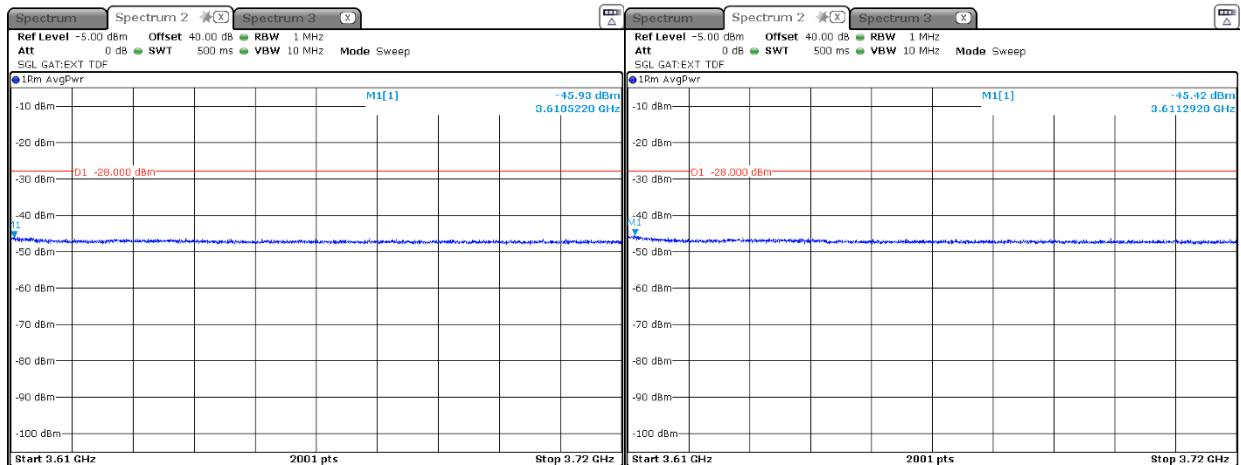
ANTENNA CHAIN: #1

ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6





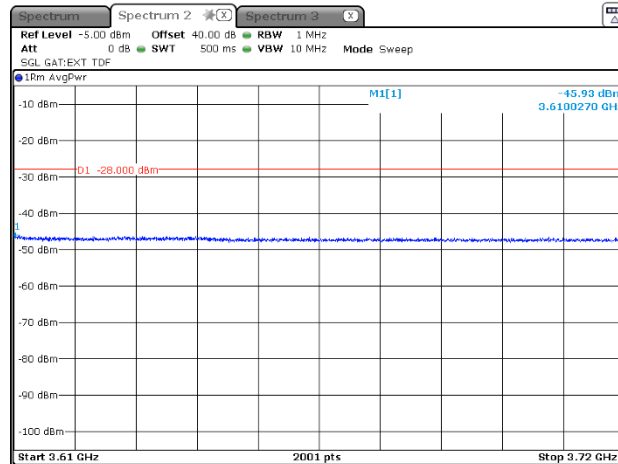
HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

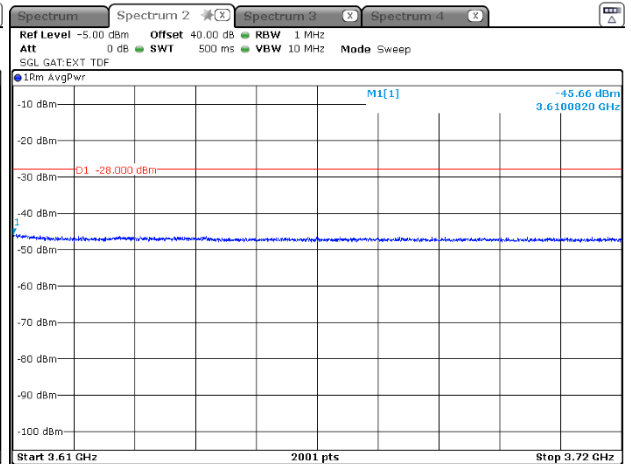
Date of Issue: 3-Sep-20

<b>Test specification:</b>		<b>Section 96.41(e), Emission mask</b>	
<b>Test procedure:</b>		Section 96.41(e)(3)	
<b>Test mode:</b>		<b>Verdict:</b> PASS	
<b>Date(s):</b>			
04-Aug-20			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 63 VAC, 50 Hz
<b>Remarks:</b>			

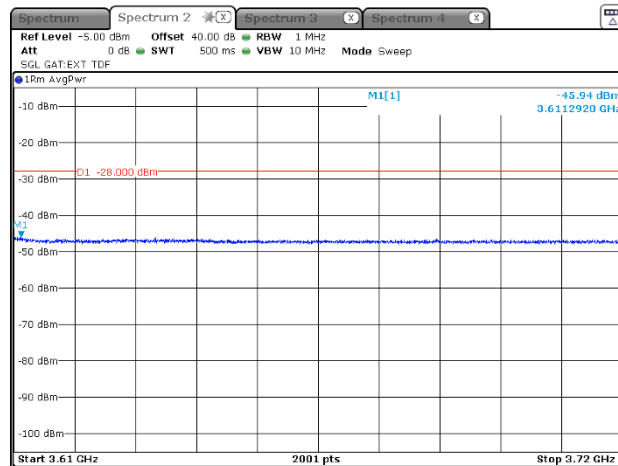
ANTENNA CHAIN: #3



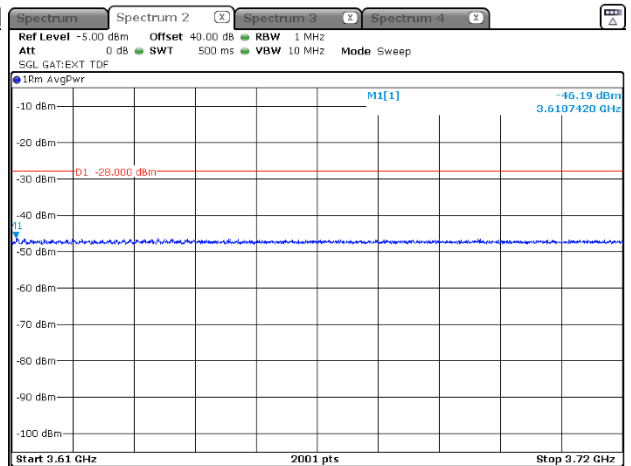
ANTENNA CHAIN: #7



ANTENNA CHAIN: #4



ANTENNA CHAIN: #8





HERMON LABORATORIES

Report ID: AIRRAD\_FCC.37550

Date of Issue: 3-Sep-20

Test specification:		Section 96.41(e), Emission mask	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
04-Aug-20			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 63 VAC, 50 Hz
Remarks:			

**Plot 7.4.19 Emission outside the fundamental test results in 3530 - 3575 GHz range at mid carrier frequency**

MODULATION:

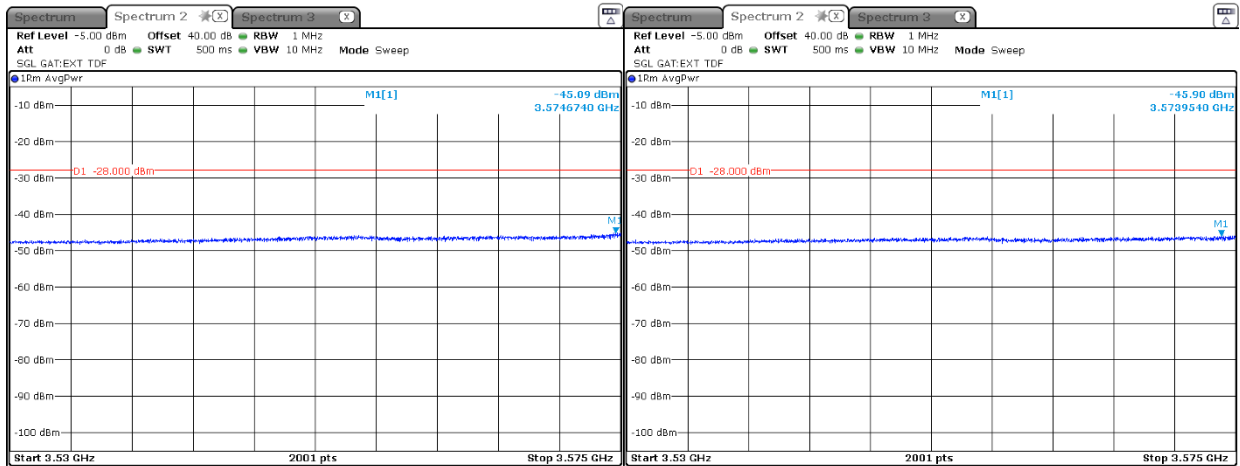
QPSK

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN: #1

ANTENNA CHAIN: #5



ANTENNA CHAIN: #2

ANTENNA CHAIN: #6

