



HERMON LABORATORIES

Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.15 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

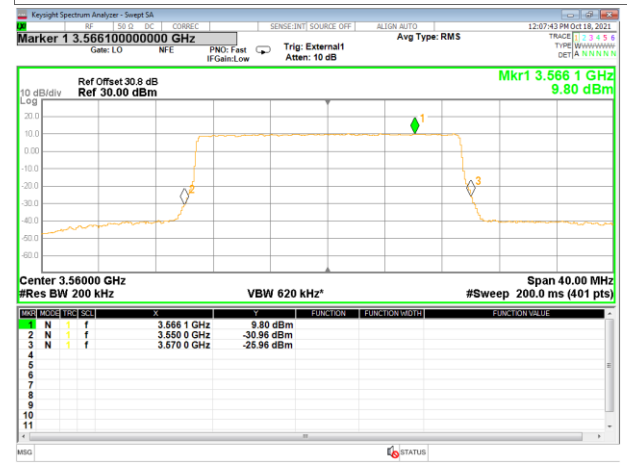
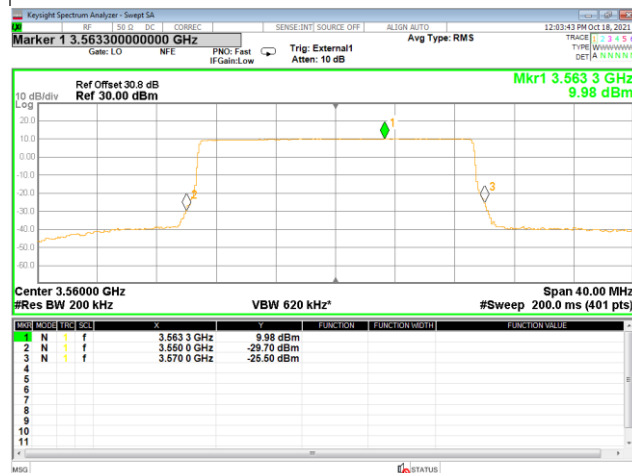
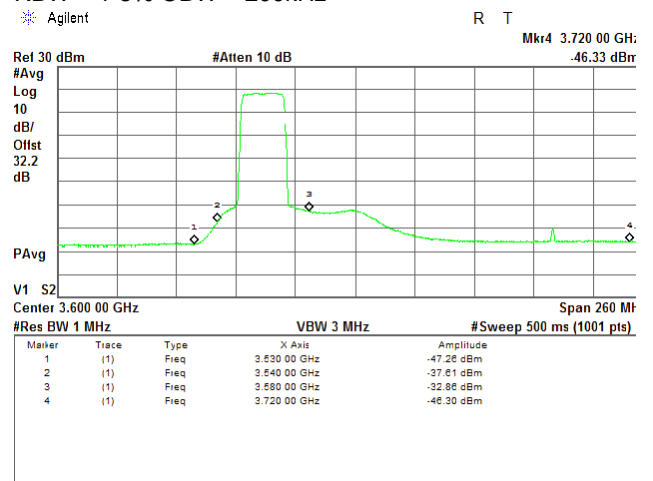
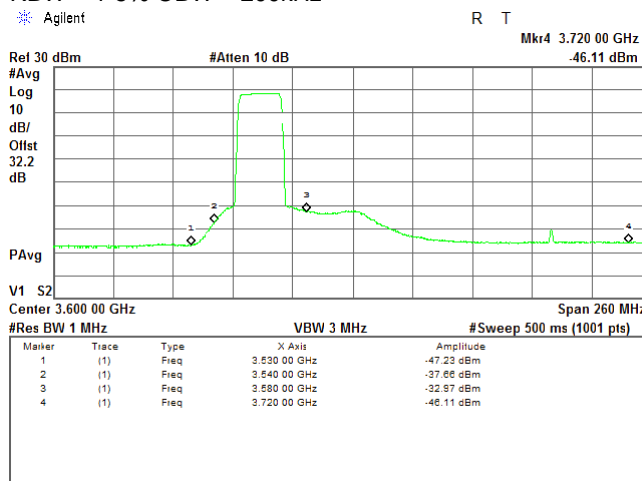
3

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.16 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

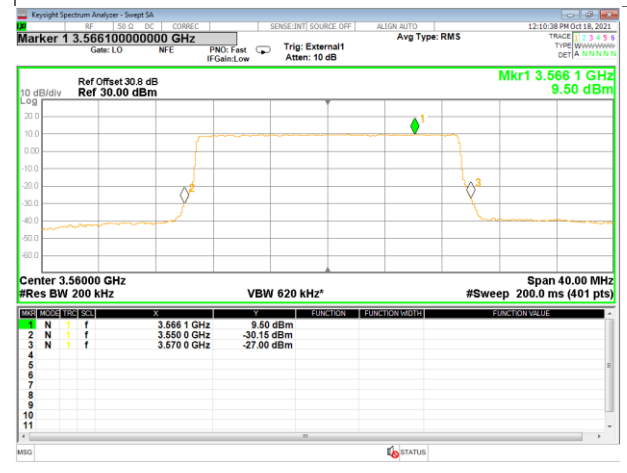
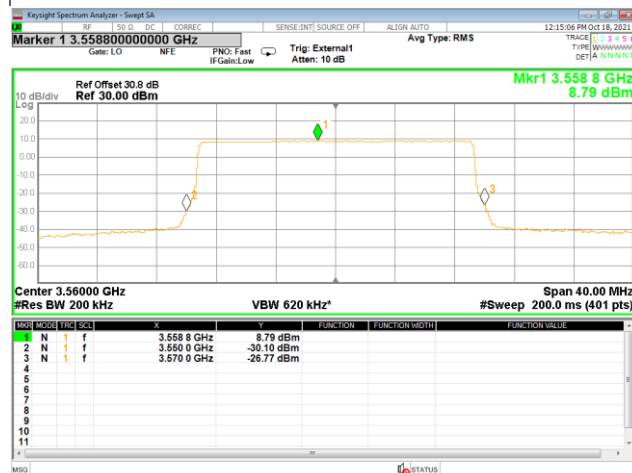
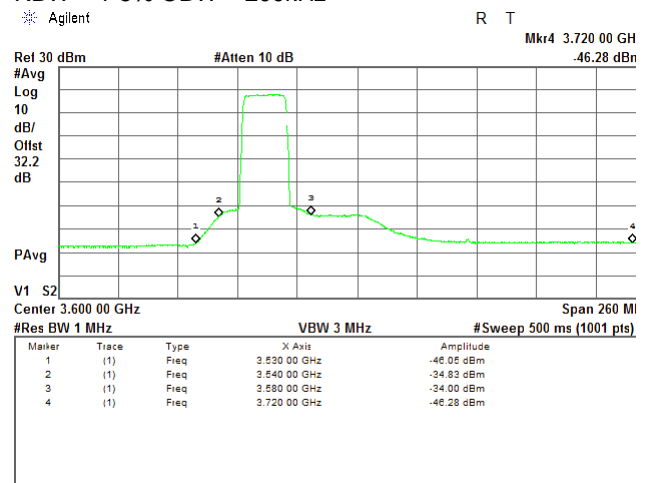
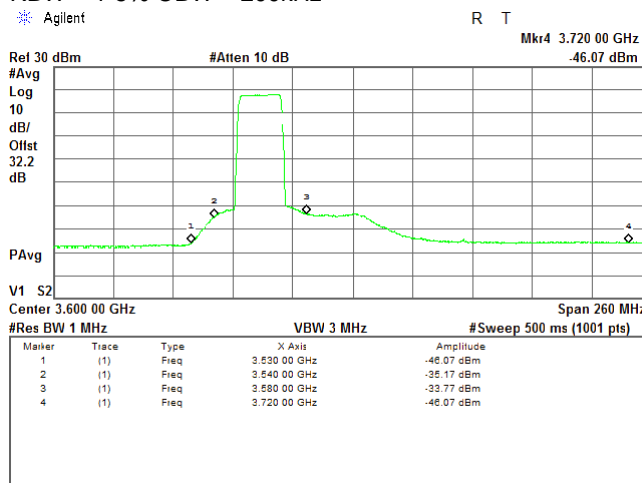
4

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.17 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

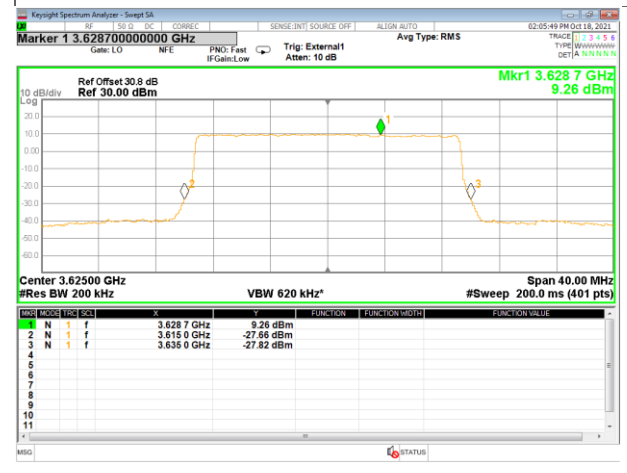
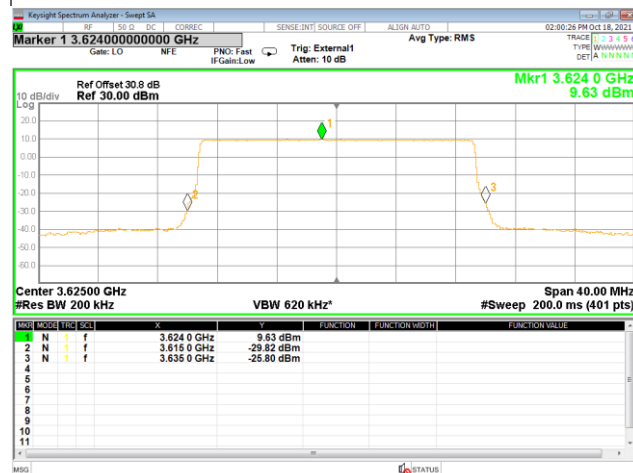
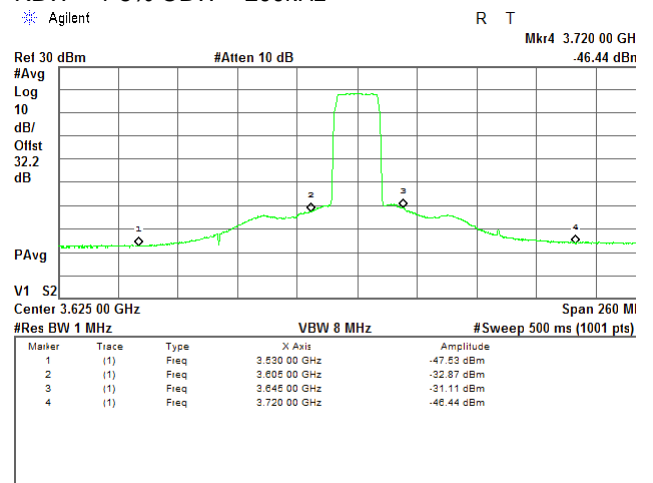
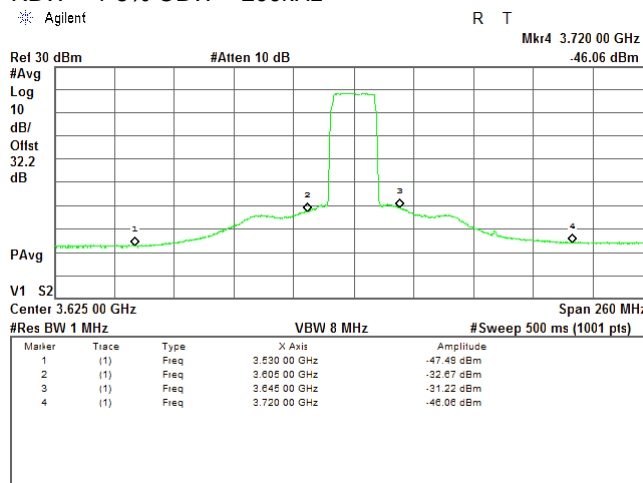
1

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.18 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

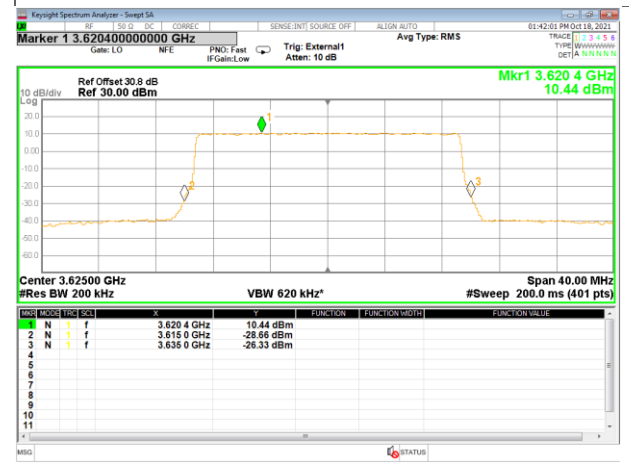
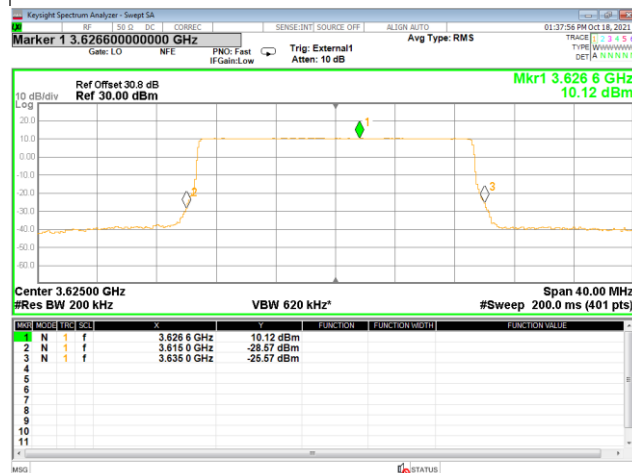
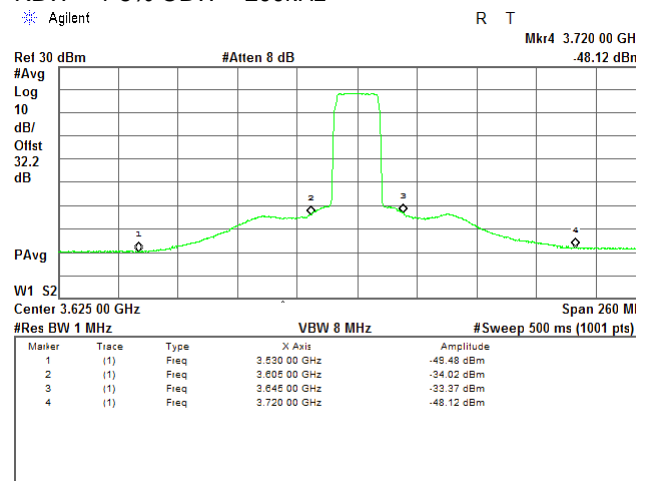
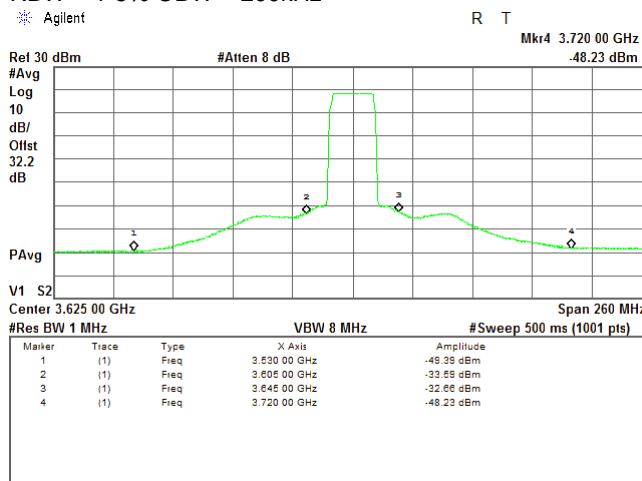
2

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.19 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

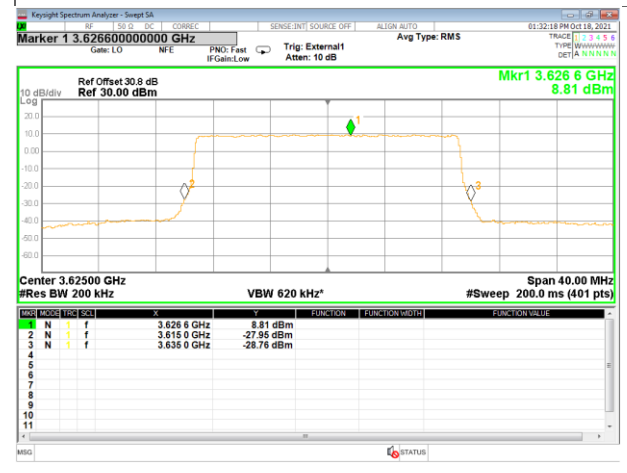
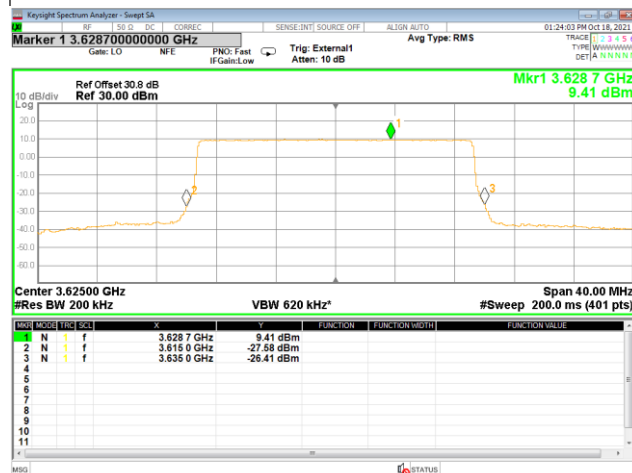
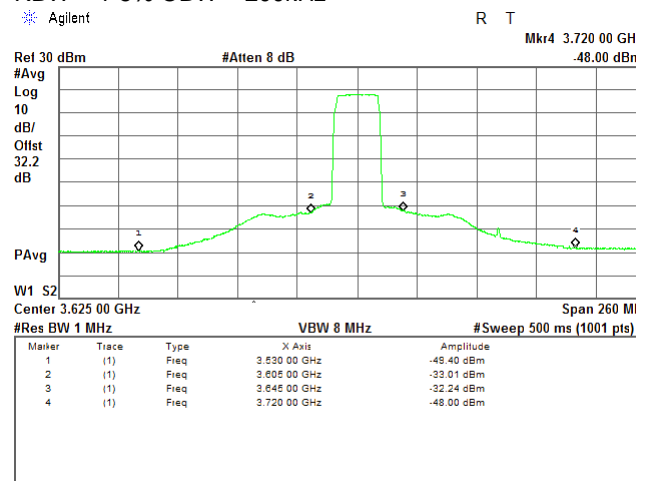
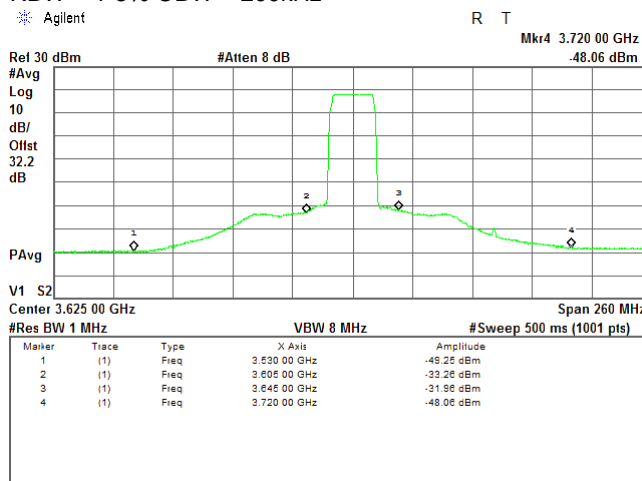
3

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.20 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

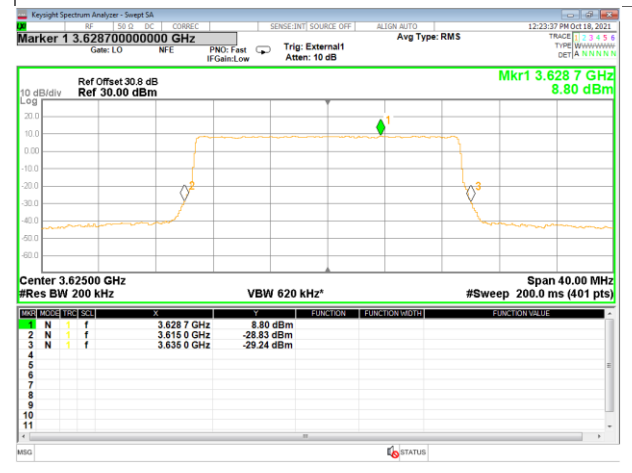
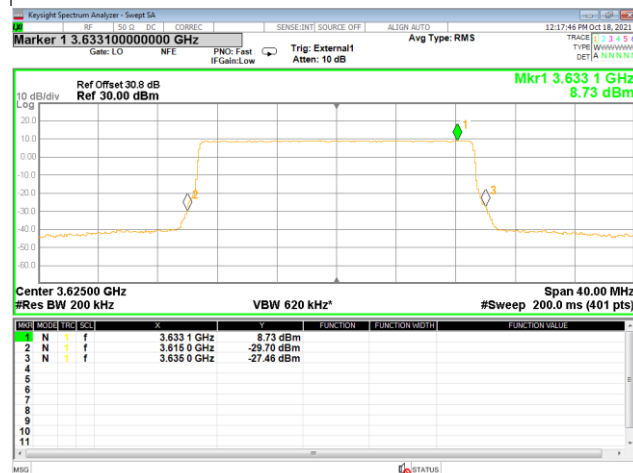
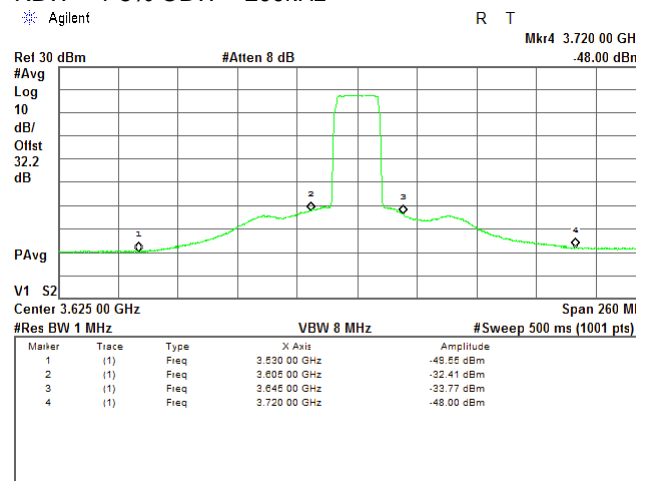
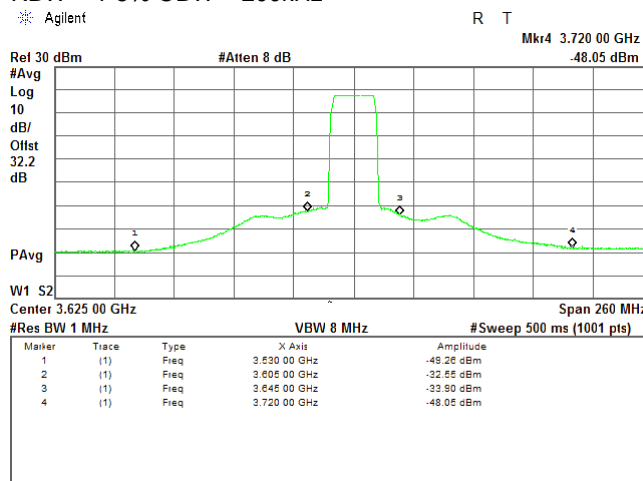
4

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.21 Emission outside the fundamental test results in 3470 - 3730 GHz range at high carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

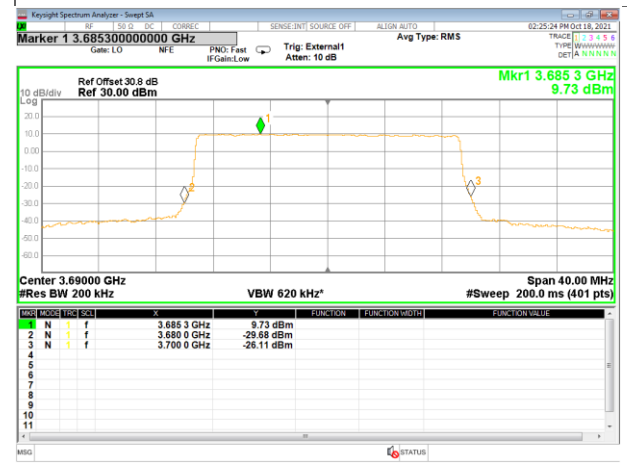
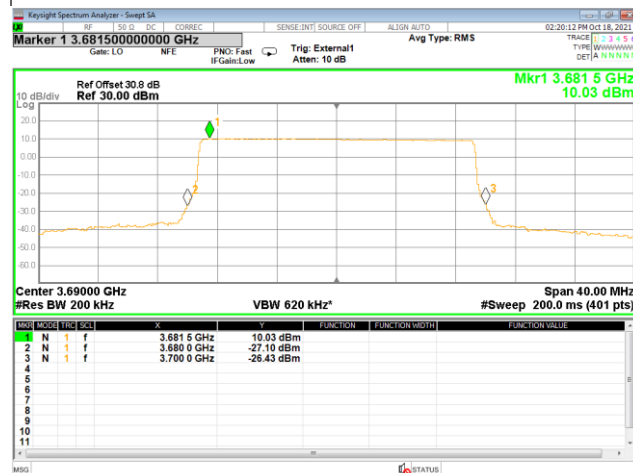
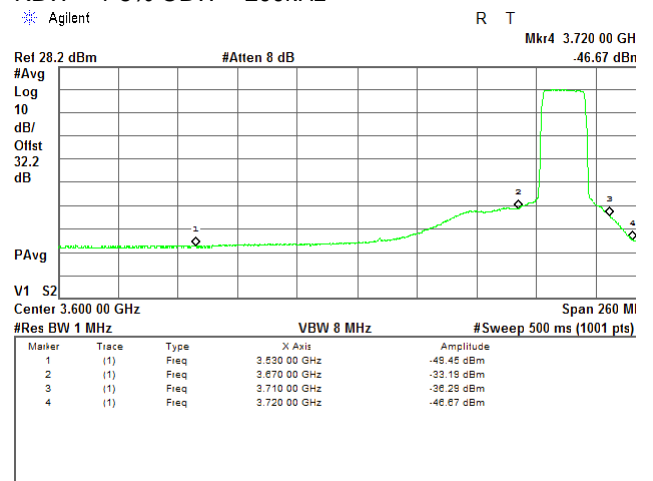
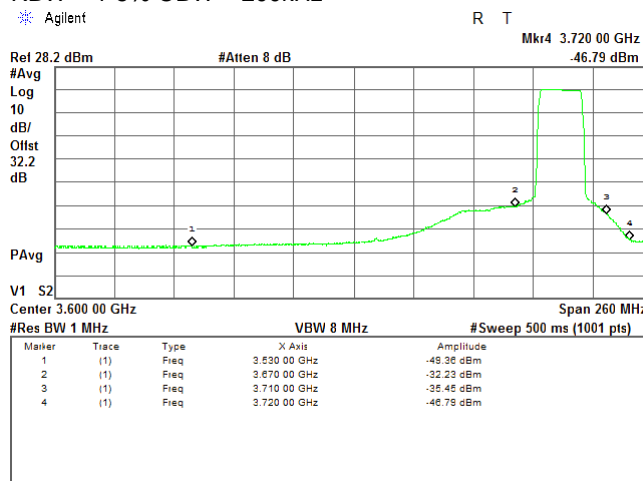
1

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.22 Emission outside the fundamental test results in 3470 - 3730 GHz range at high carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

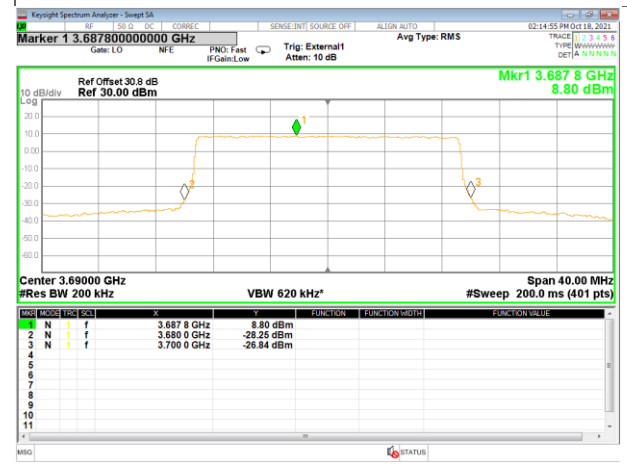
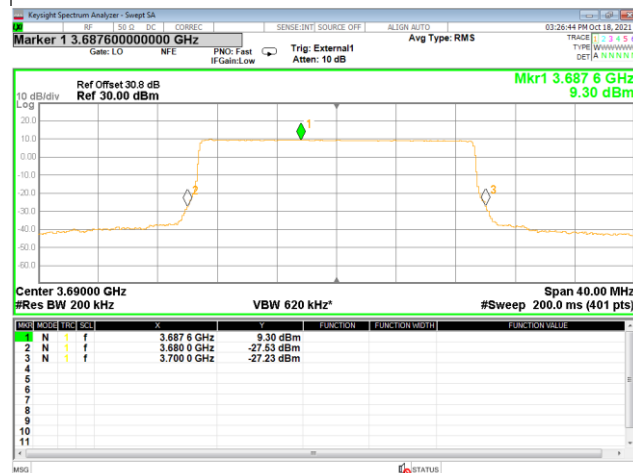
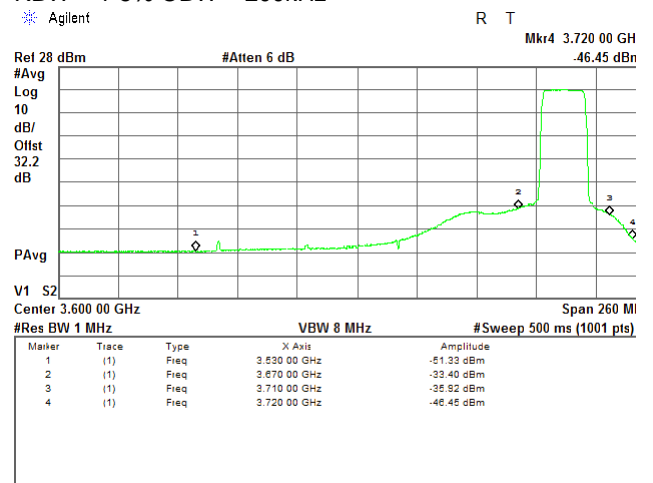
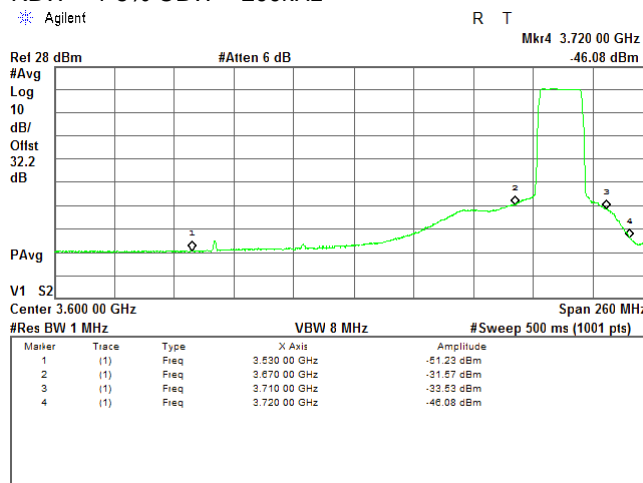
2

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz







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Date of Issue: 25-Oct-21

Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.23 Emission outside the fundamental test results in 3470 - 3730 GHz range at high carrier frequency

CHANNEL SPACING:

20 MHz

ANTENNA CHAIN:

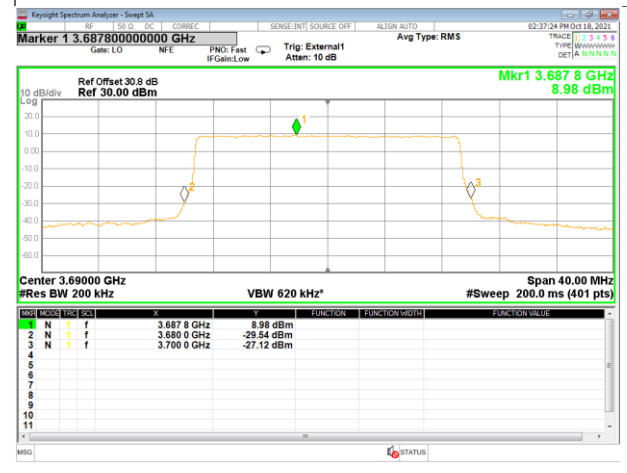
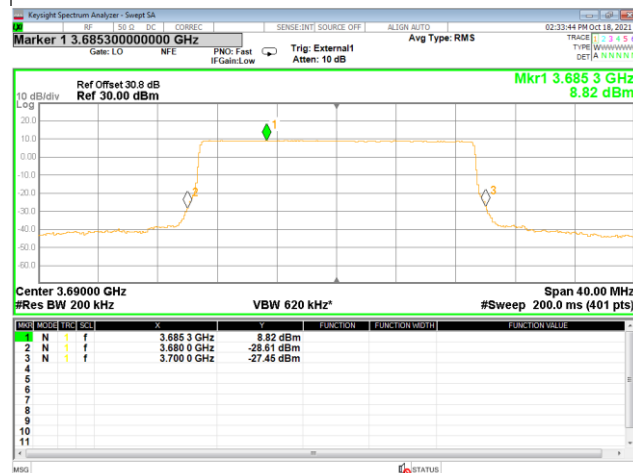
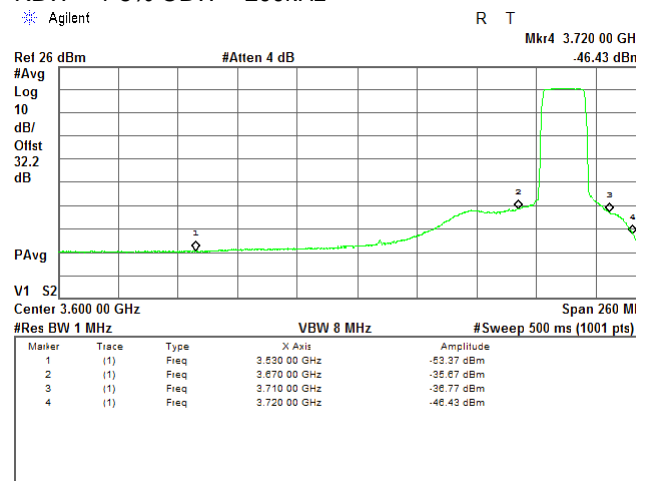
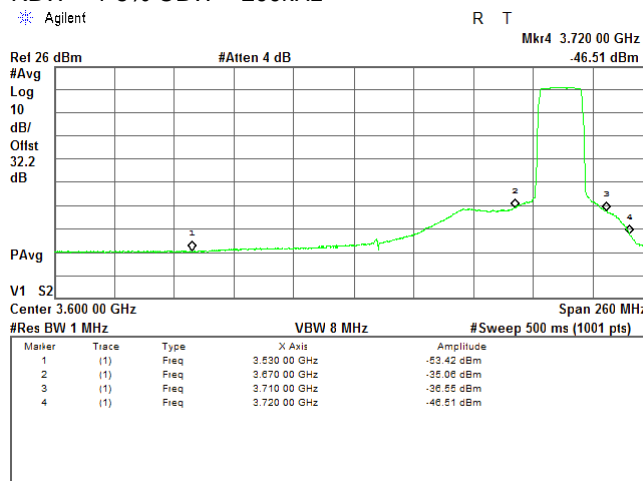
3

Modulation: QPSK

Modulation: 256QAM

RBW = 1-5% OBW = 200kHz

RBW = 1-5% OBW = 200kHz





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.24 Emission outside the fundamental test results in 3470 - 3730 GHz range at high carrier frequency

CHANNEL SPACING:

ANTENNA CHAIN:

Modulation: QPSK

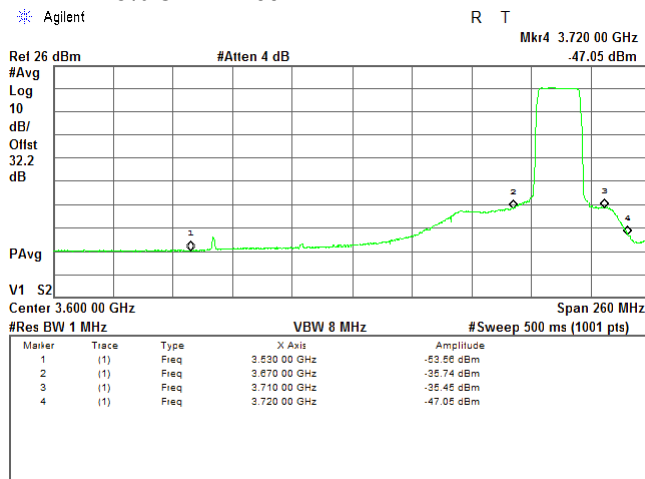
20 MHz

4

Modulation: 256QAM

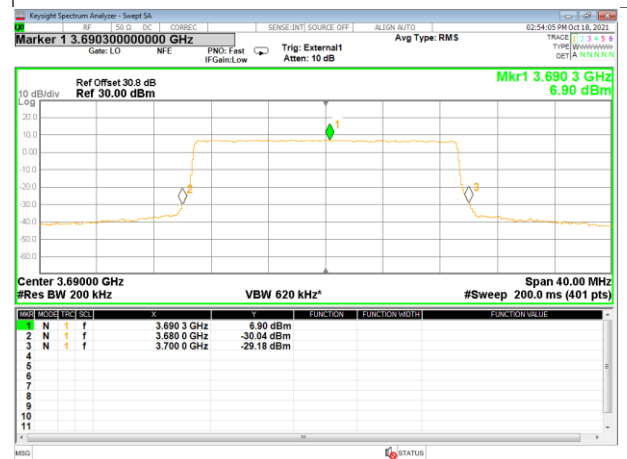
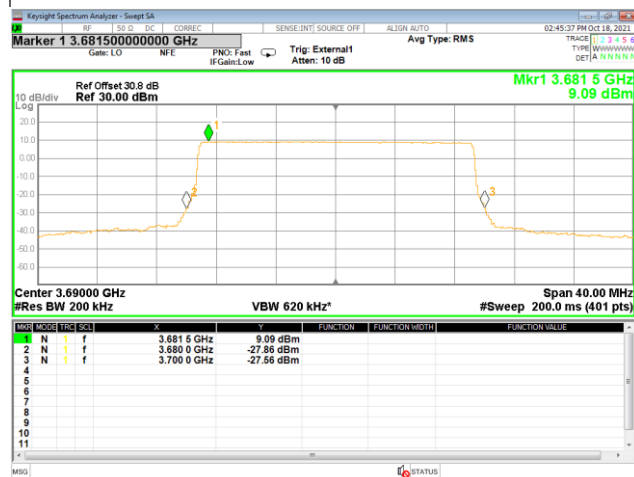
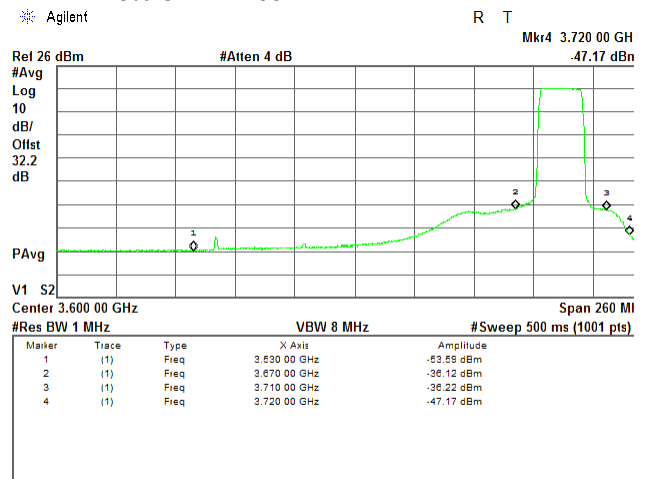
RBW = 1-5% OBW = 200kHz

✱ Agilent



RBW = 1-5% OBW = 200kHz

✱ Agilent





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<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> 25-Aug-21 – 30-Sep-21			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VAC
<b>Remarks:</b>			

Plot 7.4.25 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING:

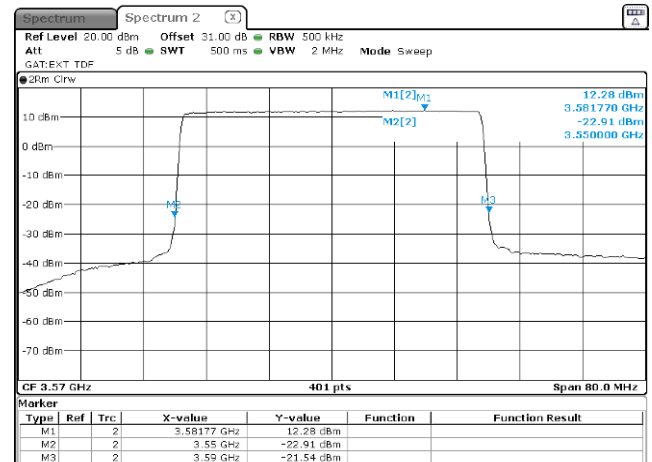
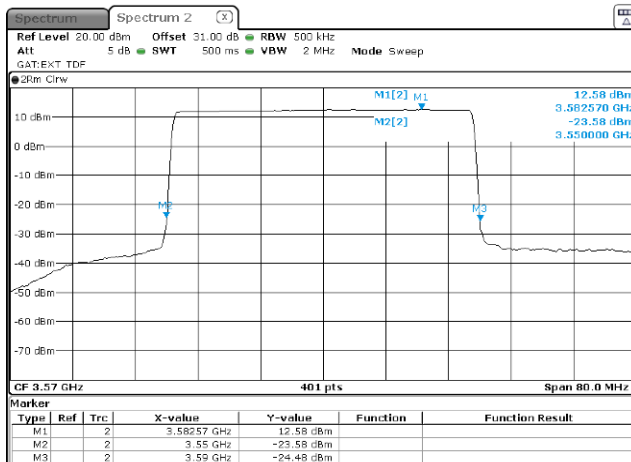
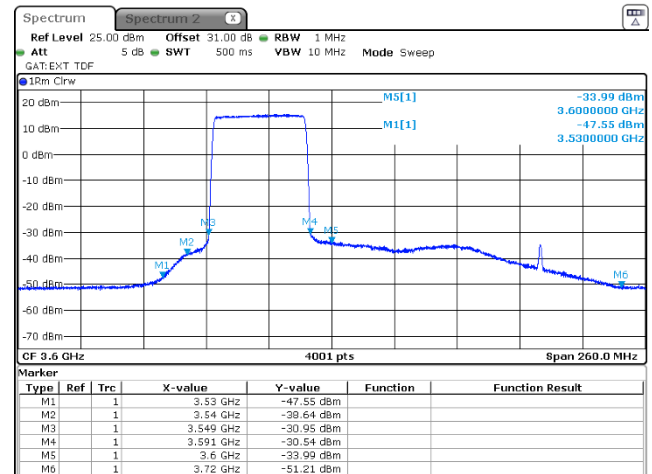
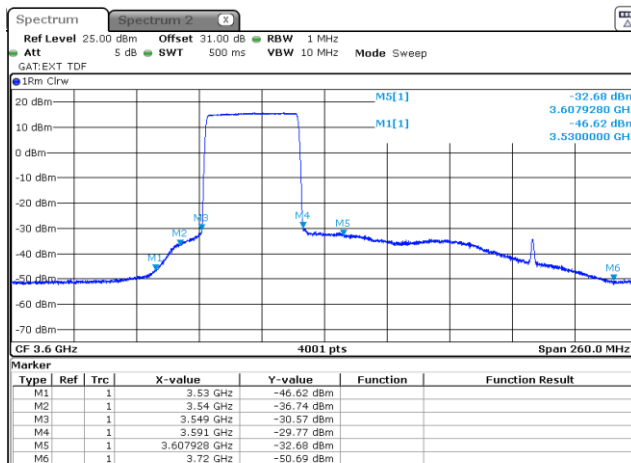
ANTENNA CHAIN:

Modulation: QPSK

40 MHz

1

Modulation: 256QAM





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<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> 25-Aug-21 – 30-Sep-21			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VAC
<b>Remarks:</b>			

Plot 7.4.26 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING:

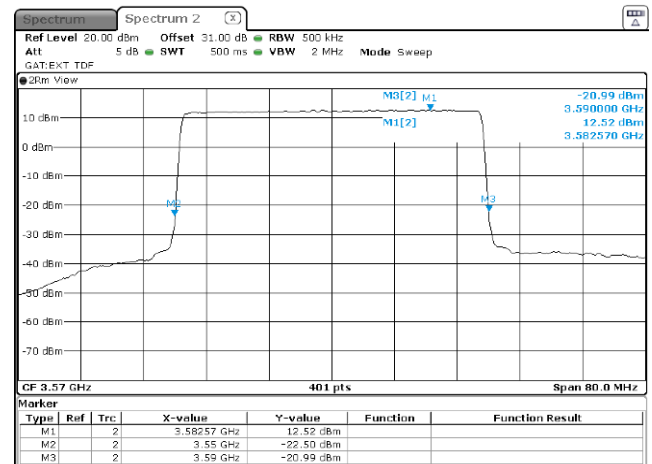
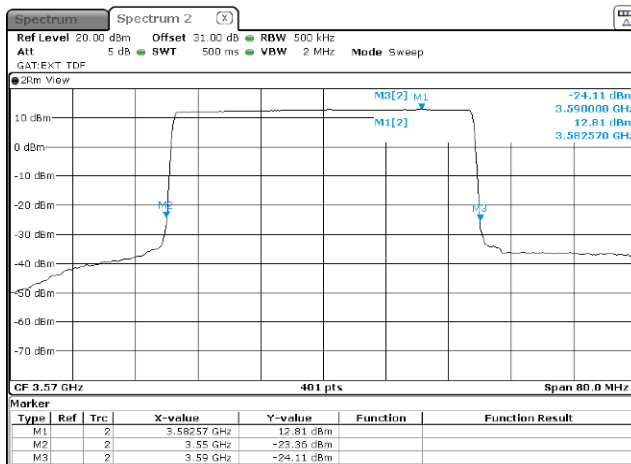
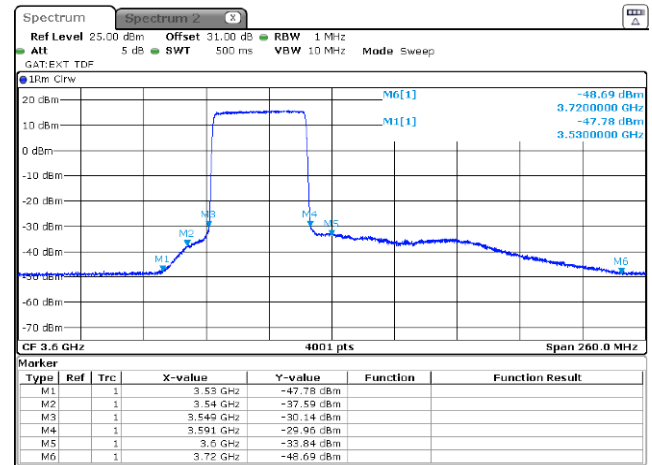
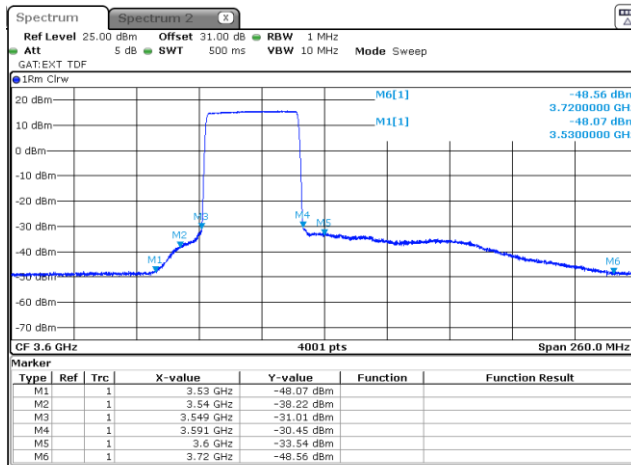
ANTENNA CHAIN:

Modulation: QPSK

40 MHz

2

Modulation: 256QAM





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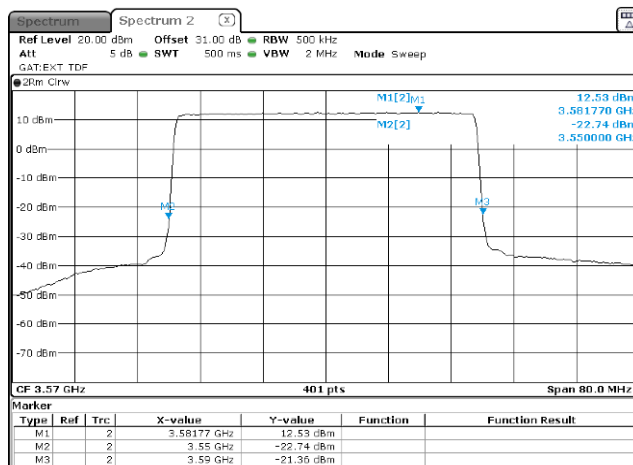
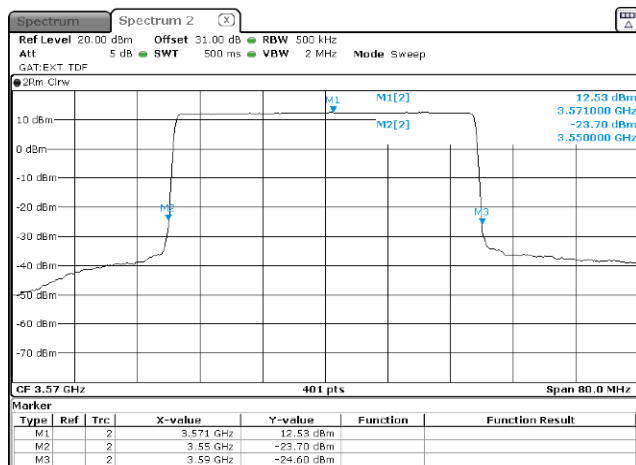
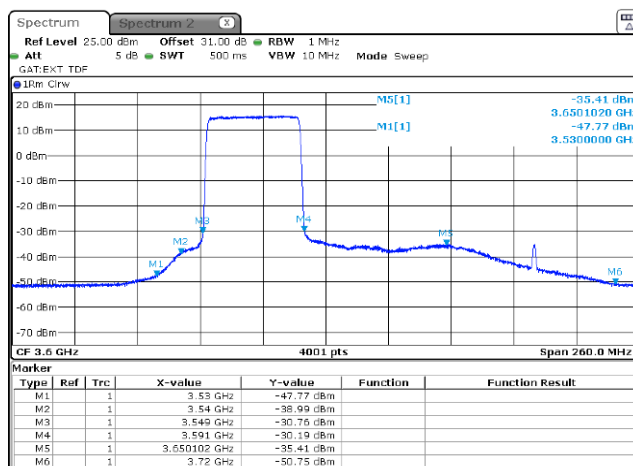
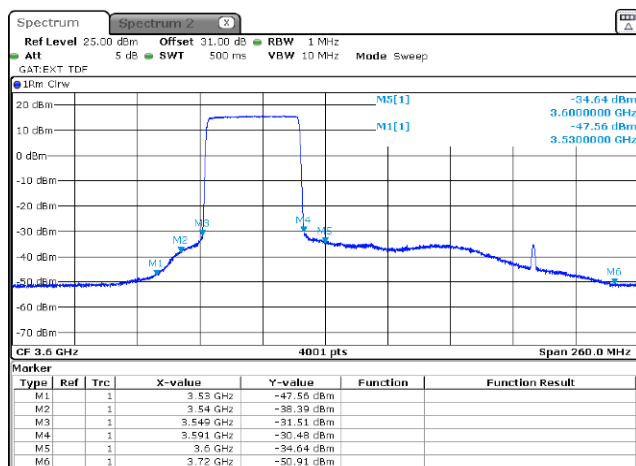
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Date of Issue: 25-Oct-21

Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.27 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN:  
Modulation: QPSK

40 MHz  
3  
Modulation: 256QAM





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<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> 25-Aug-21 – 30-Sep-21			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VAC
<b>Remarks:</b>			

Plot 7.4.28 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING:

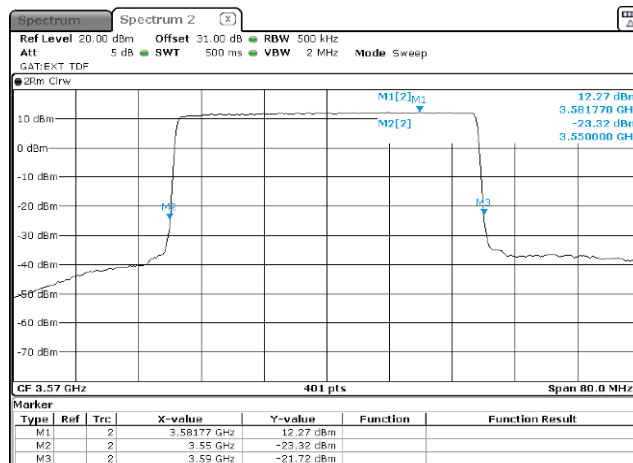
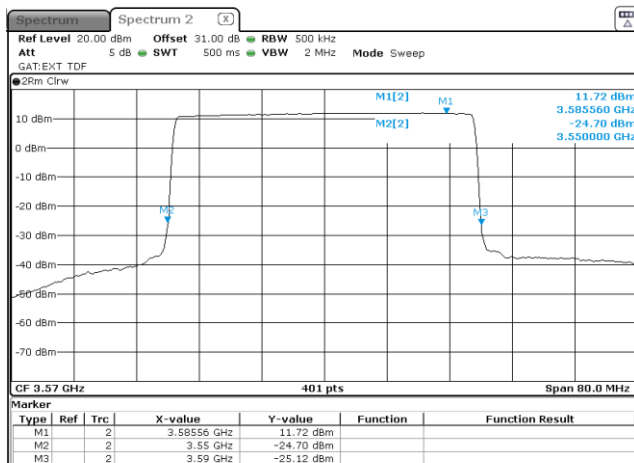
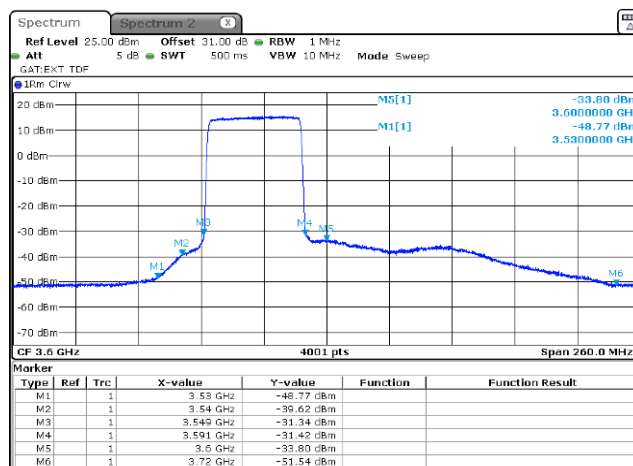
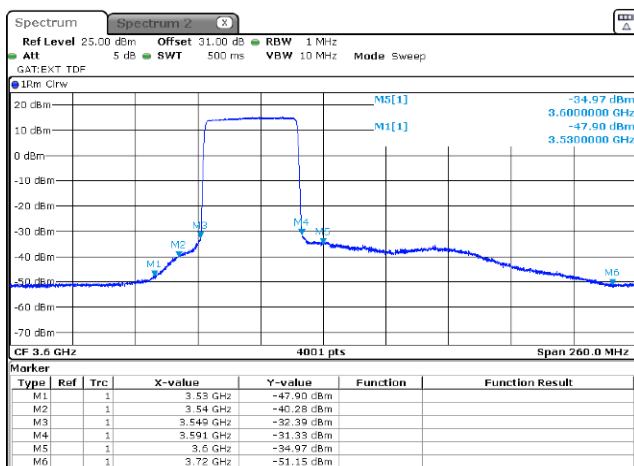
ANTENNA CHAIN:

Modulation: QPSK

40 MHz

4

Modulation: 256QAM





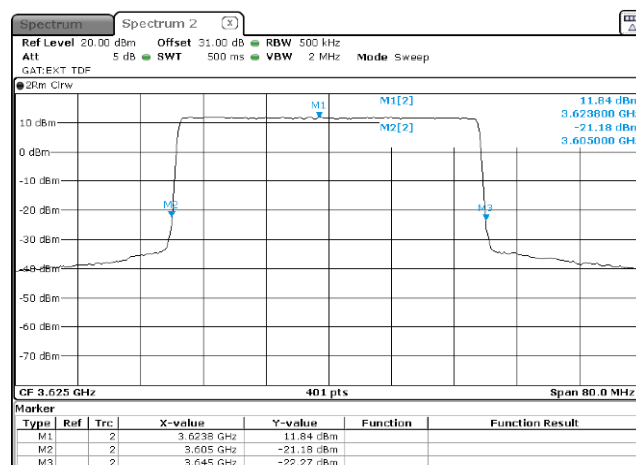
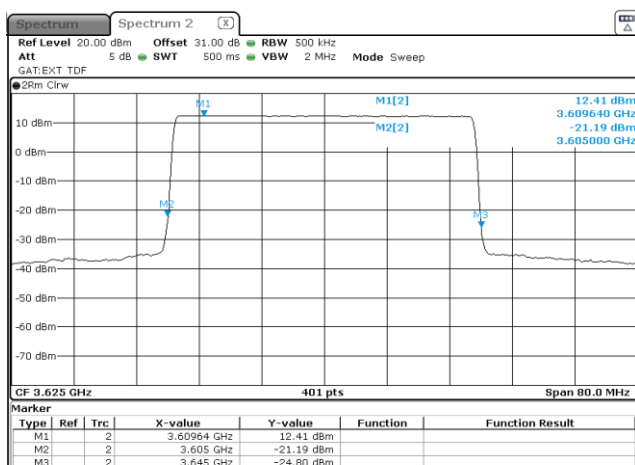
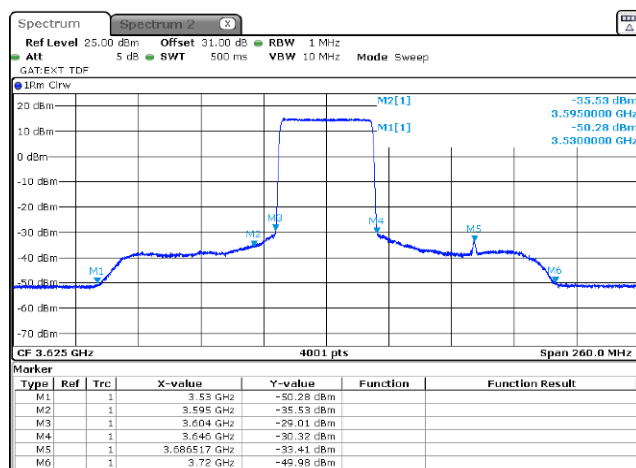
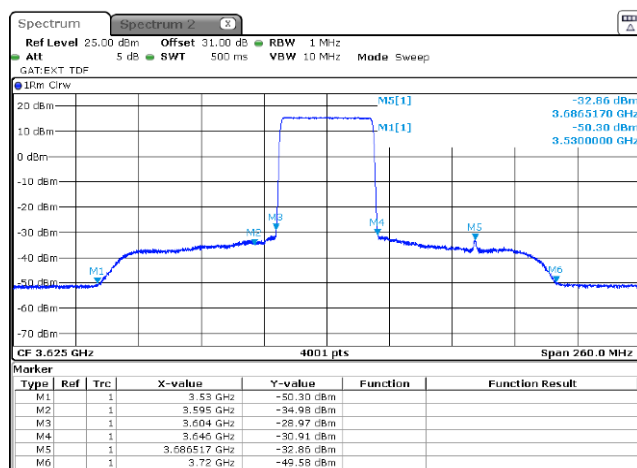
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<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 25-Aug-21 – 30-Sep-21			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VAC
<b>Remarks:</b>			

Plot 7.4.29 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN:  
Modulation: QPSK

40 MHz  
1  
Modulation: 256QAM



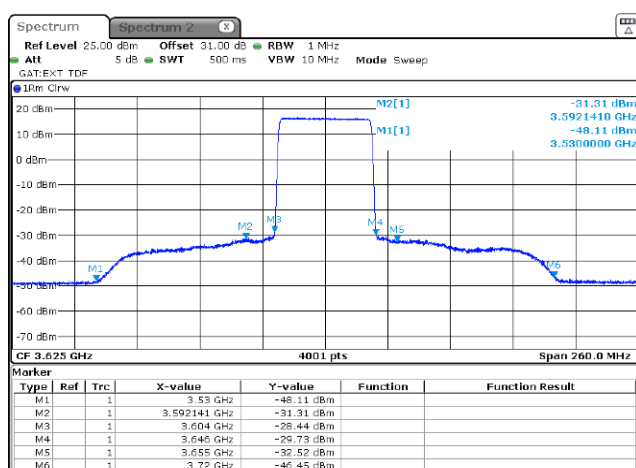


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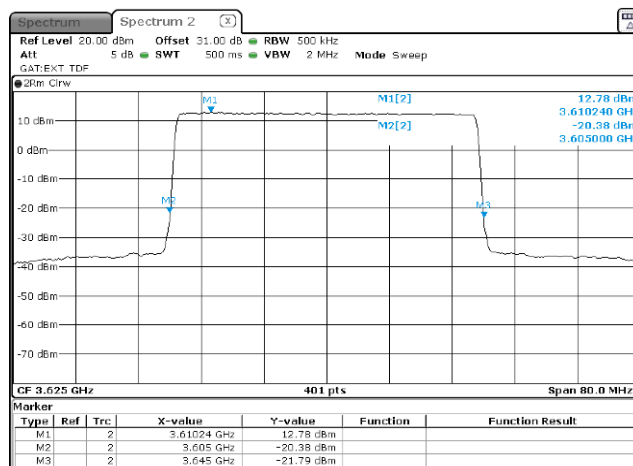
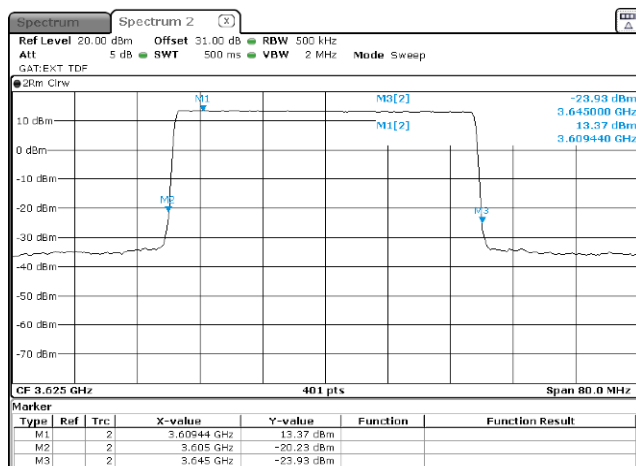
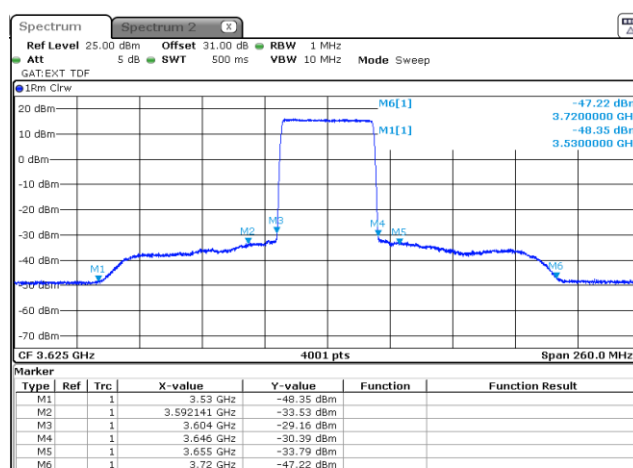
Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.30 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN:  
Modulation: QPSK



40 MHz  
2  
Modulation: 256QAM







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<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> 25-Aug-21 – 30-Sep-21			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VAC
<b>Remarks:</b>			

Plot 7.4.31 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:

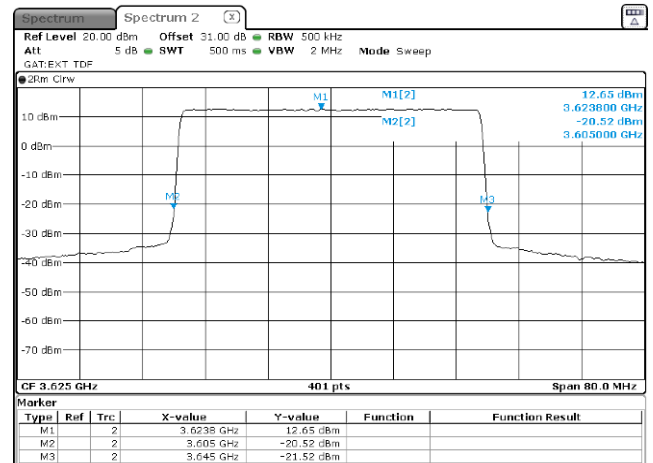
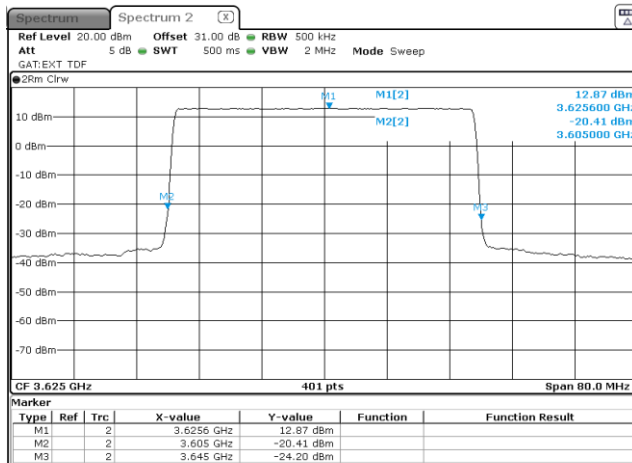
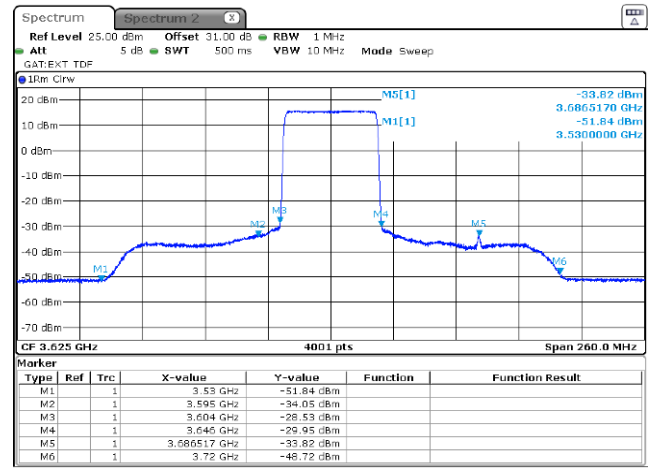
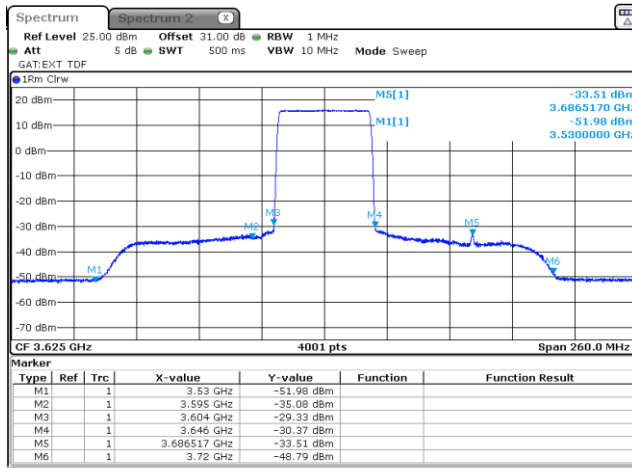
ANTENNA CHAIN:

Modulation: QPSK

40 MHz

3

Modulation: 256QAM





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Report ID: AIRRAD\_FCC.42554\_Rev2

Date of Issue: 25-Oct-21

Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.32 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING:

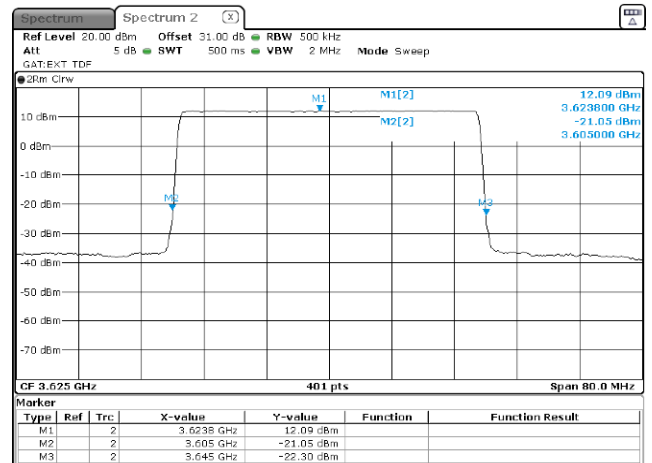
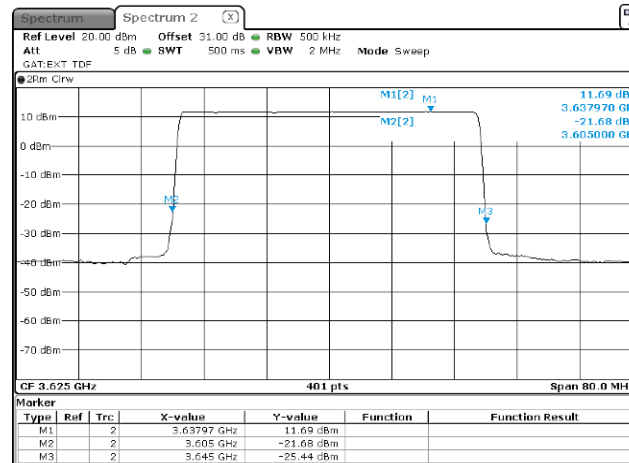
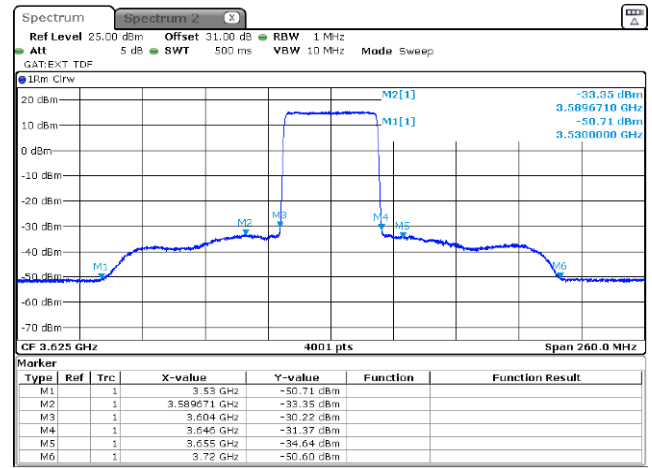
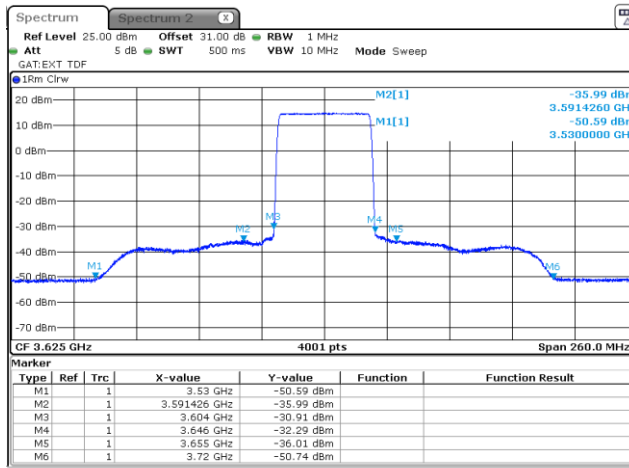
ANTENNA CHAIN:

Modulation: QPSK

40 MHz

4

Modulation: 256QAM





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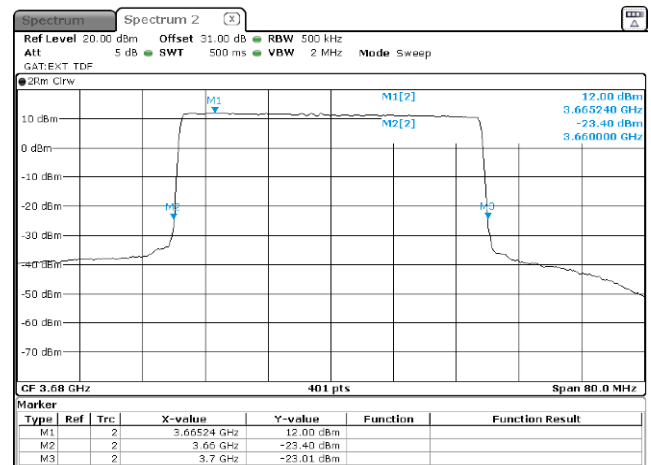
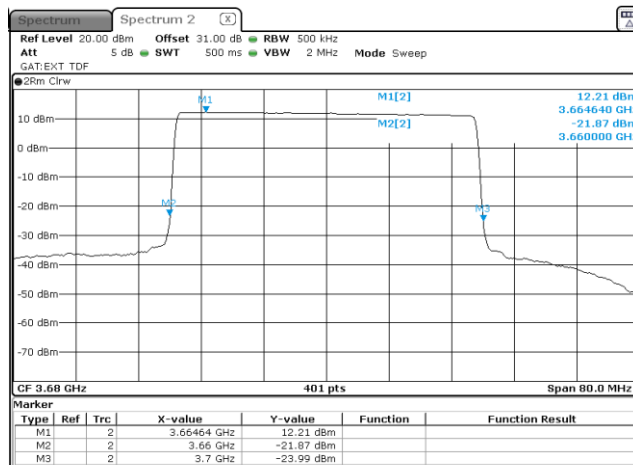
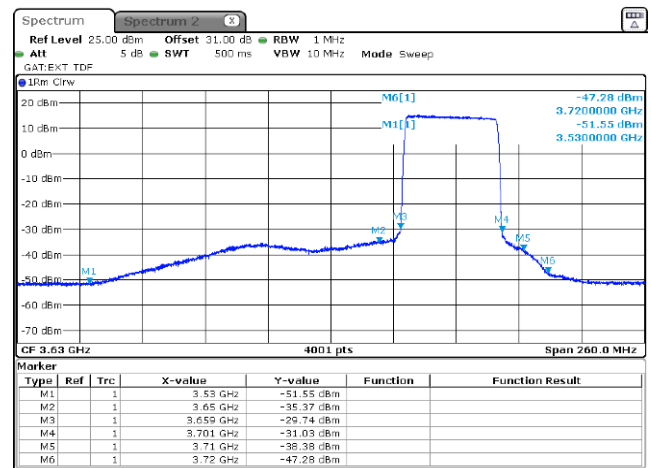
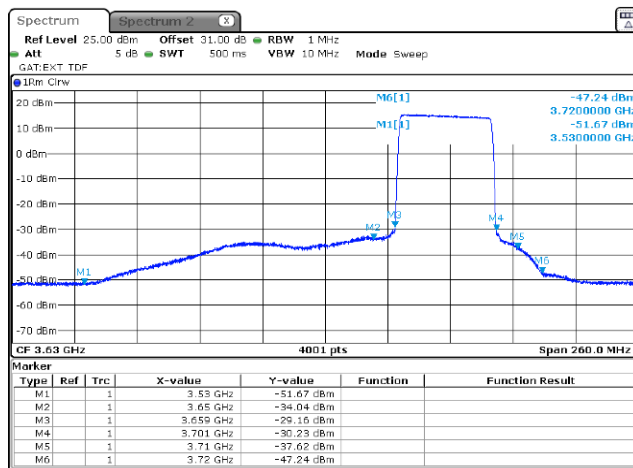
Date of Issue: 25-Oct-21

<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> 25-Aug-21 – 30-Sep-21			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VAC
<b>Remarks:</b>			

Plot 7.4.33 Emission outside the fundamental test results in 3500 - 3760 GHz range at high carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN:  
Modulation: QPSK

40 MHz  
1  
Modulation: 256QAM





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Date of Issue: 25-Oct-21

<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>			
25-Aug-21 – 30-Sep-21			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VAC
<b>Remarks:</b>			

Plot 7.4.34 Emission outside the fundamental test results in 3470 - 3730 GHz range at high carrier frequency

CHANNEL SPACING:

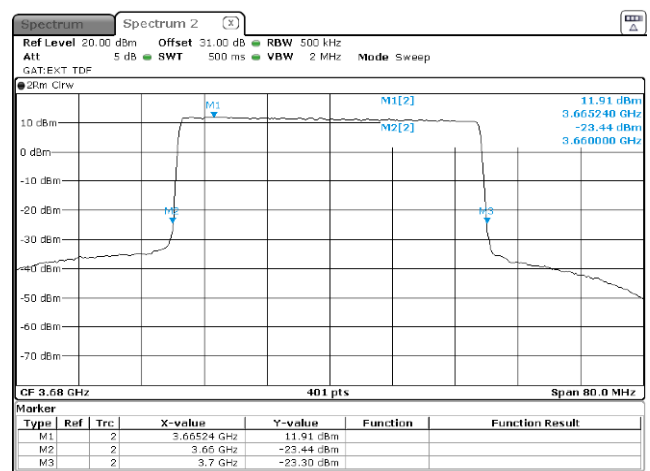
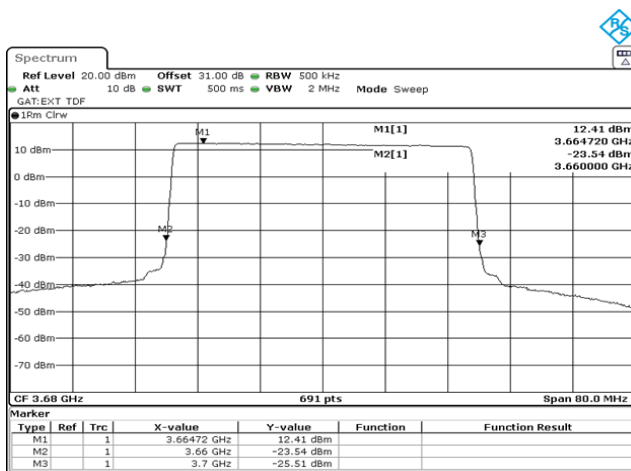
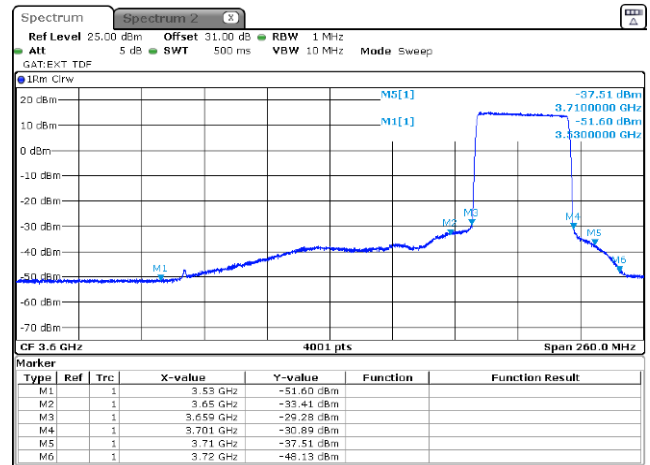
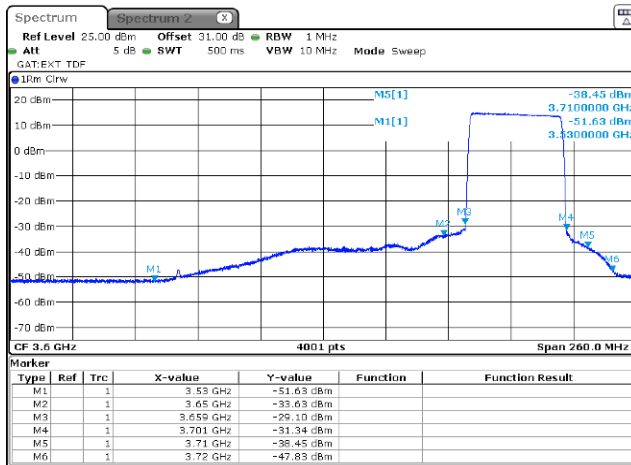
ANTENNA CHAIN:

Modulation: QPSK

40 MHz

2

Modulation: 256QAM





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Test specification: Section 96.41(e), Emission mask			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 30-Sep-21			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

Plot 7.4.35 Emission outside the fundamental test results in 3500 - 3760 GHz range at high carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN:  
Modulation: QPSK

40 MHz  
3  
Modulation: 256QAM

