



HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz
Date of Issue: 8-Dec-21

Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.76 Spurious emission measurements in 18000 - 26500 MHz range at low carrier frequency

MODULATION:

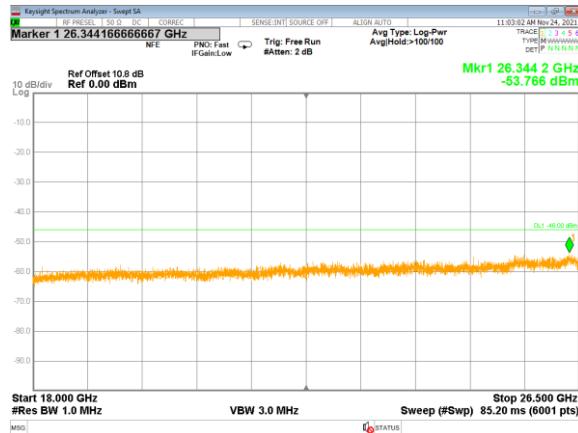
QPSK

CHANNEL SPACING:

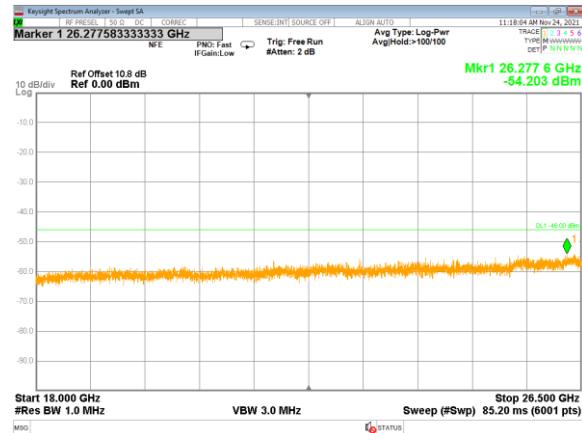
30 MHz

ANTENNA CHAIN: #1

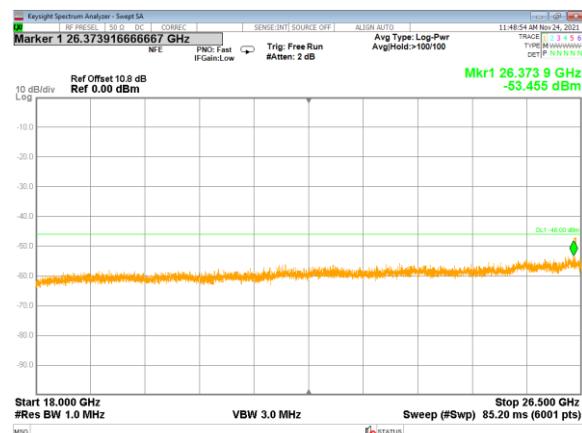
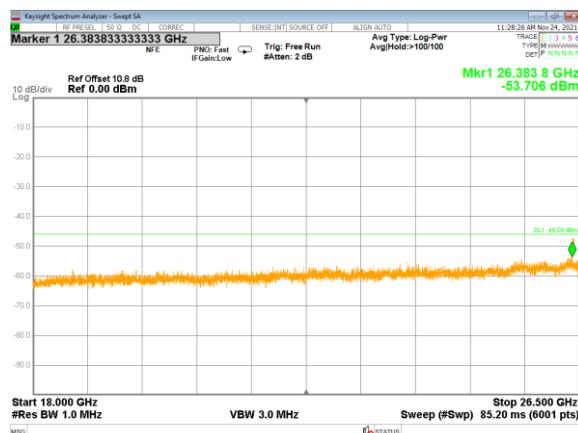
ANTENNA CHAIN: #2



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):	25-Aug-21 – 24-Nov-21		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.77 Spurious emission measurements in 18000 - 26500 MHz range at mid carrier frequency

MODULATION:

QPSK

CHANNEL SPACING:

30 MHz

ANTENNA CHAIN: #1

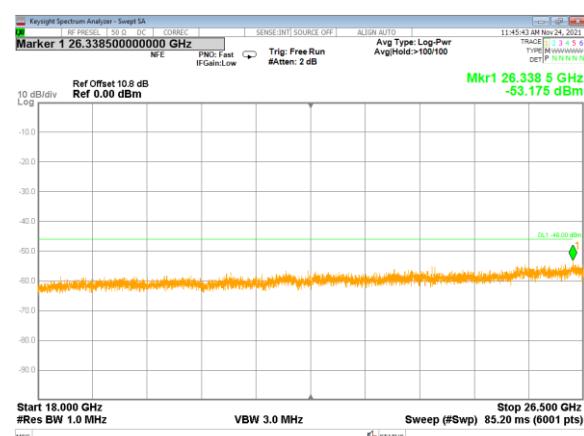
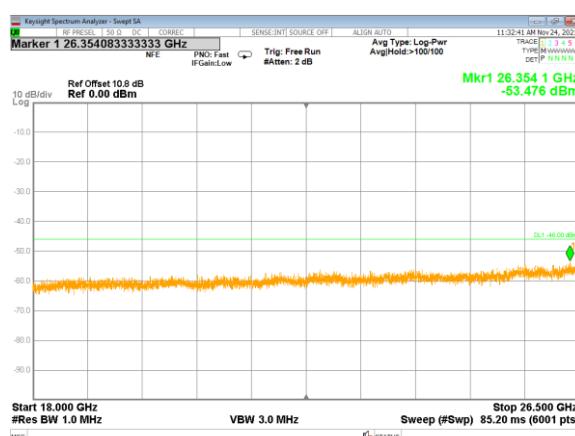
ANTENNA CHAIN: #2



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): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.78 Spurious emission measurements in 18000 - 26500 MHz range at high carrier frequency

MODULATION:

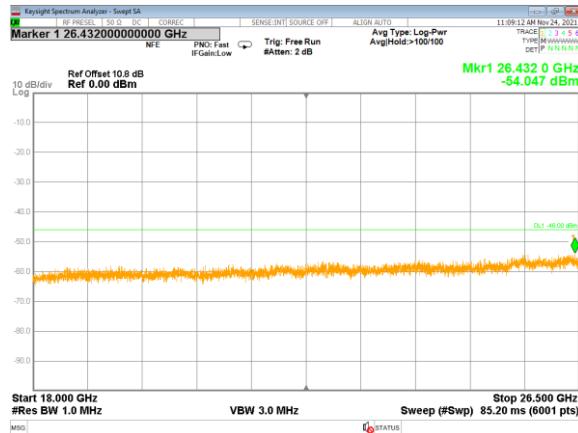
QPSK

CHANNEL SPACING:

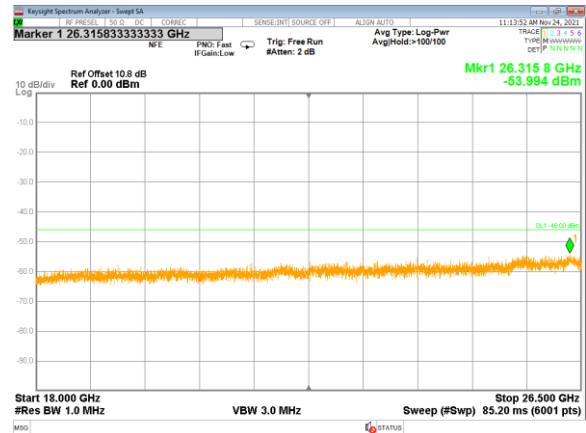
30 MHz

ANTENNA CHAIN: #1

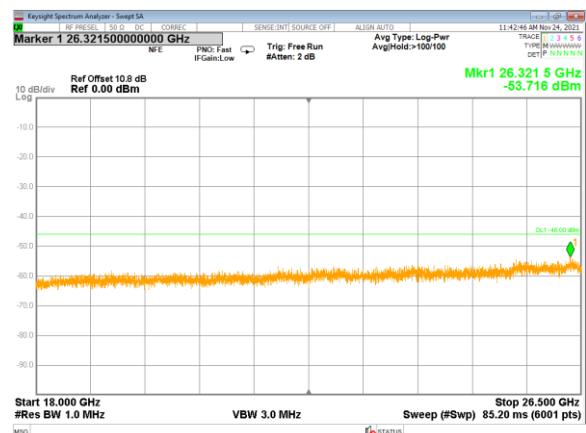
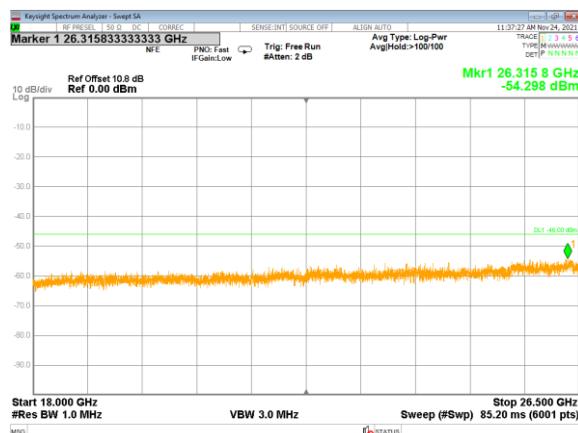
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz
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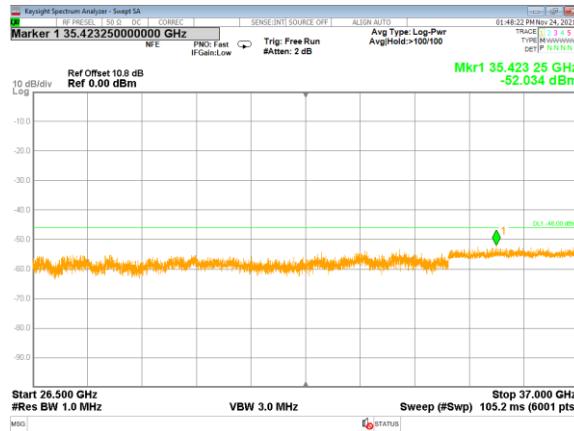
Test specification: Section 96.41(e)(3), Conducted spurious emissions				
Test procedure: Section 96.41(e)(3)				
Test mode: Compliance			Verdict: PASS	
Date(s): 25-Aug-21 – 24-Nov-21				
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.79 Spurious emission measurements in 26500 - 37000 MHz range at low carrier frequency

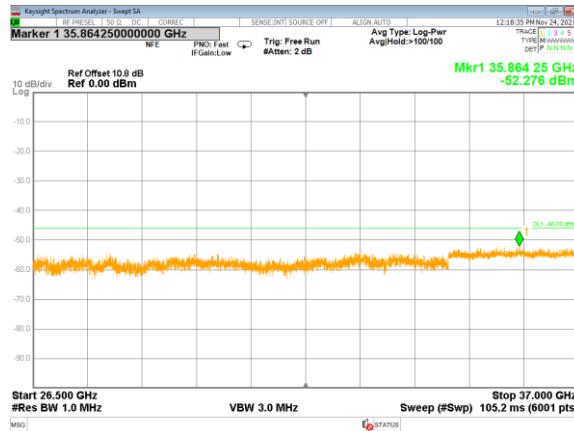
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1



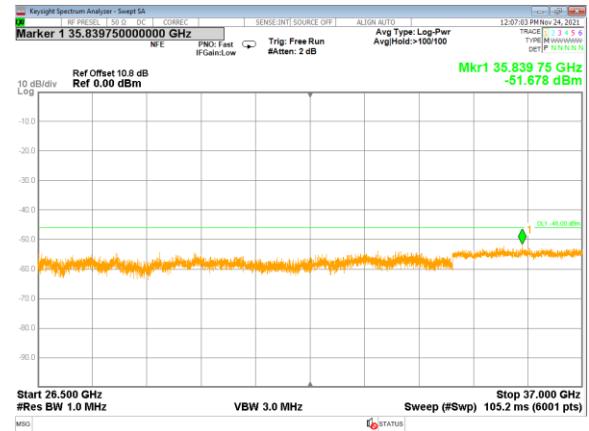
ANTENNA CHAIN: #3



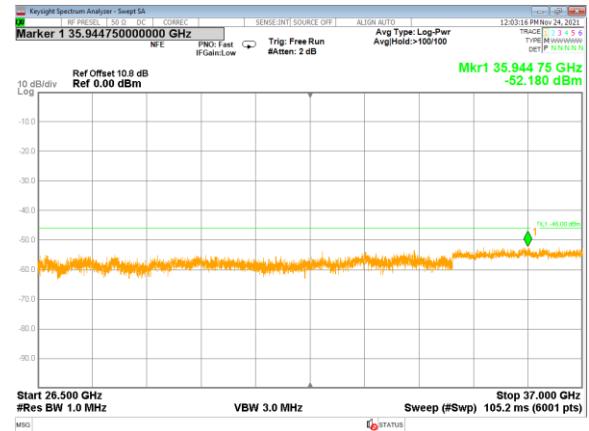
QPSK

30 MHz

ANTENNA CHAIN: #2



ANTENNA CHAIN: #4





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz
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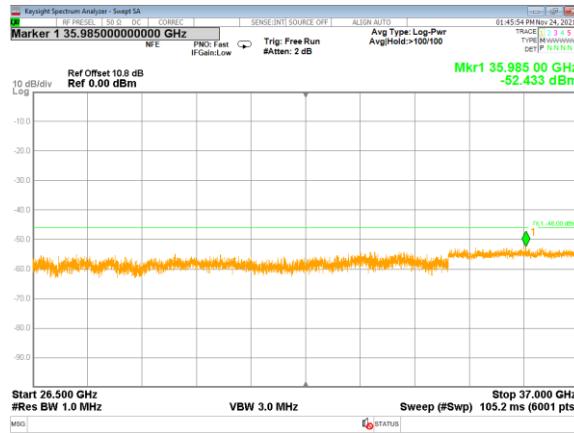
Test specification: Section 96.41(e)(3), Conducted spurious emissions				
Test procedure: Section 96.41(e)(3)				
Test mode: Compliance			Verdict: PASS	
Date(s): 25-Aug-21 – 24-Nov-21				
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.80 Spurious emission measurements in 26500 - 37000 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1



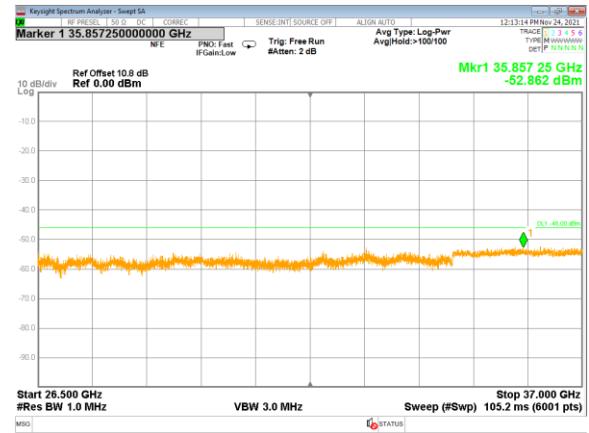
ANTENNA CHAIN: #3



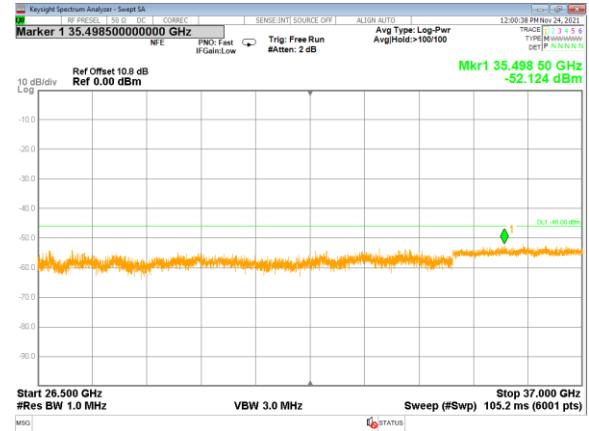
QPSK

30 MHz

ANTENNA CHAIN: #2



ANTENNA CHAIN: #4





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz
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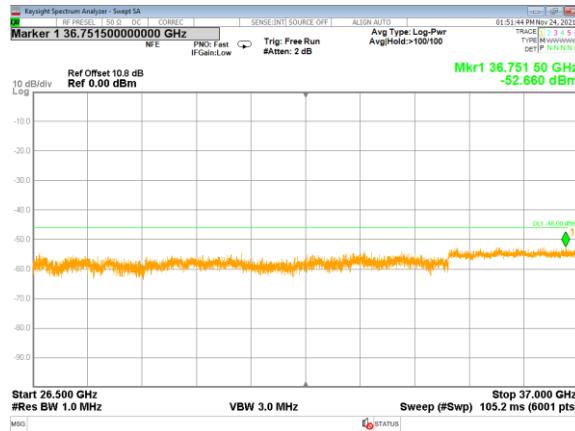
Test specification: Section 96.41(e)(3), Conducted spurious emissions				
Test procedure: Section 96.41(e)(3)				
Test mode: Compliance			Verdict: PASS	
Date(s): 25-Aug-21 – 24-Nov-21				
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.81 Spurious emission measurements in 26500 - 37000 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

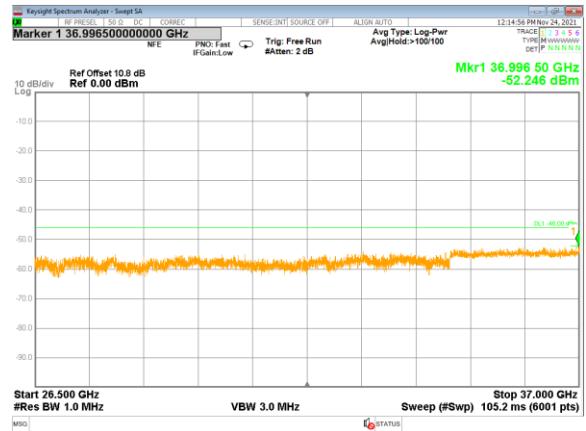
ANTENNA CHAIN: #1



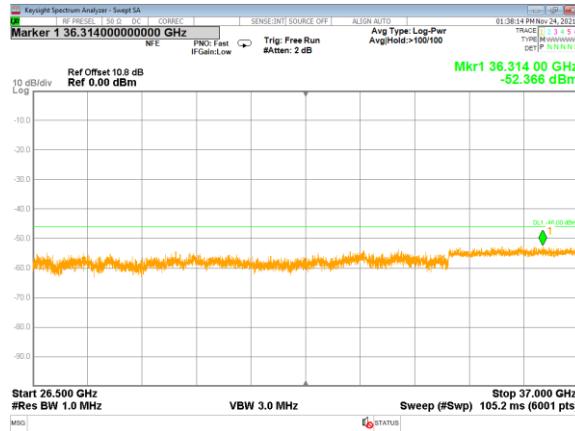
QPSK

30 MHz

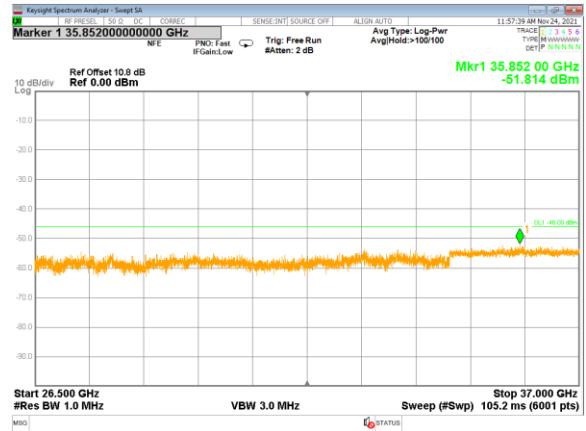
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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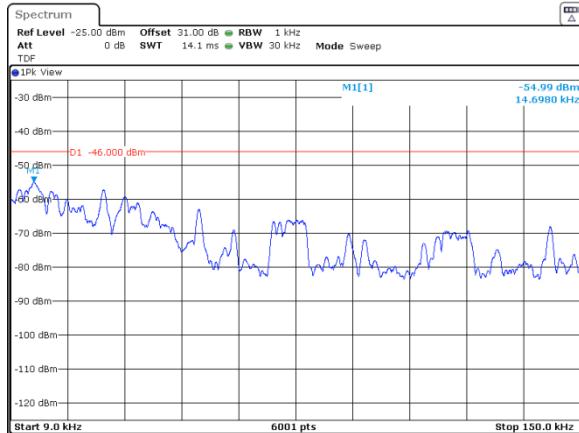
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.82 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

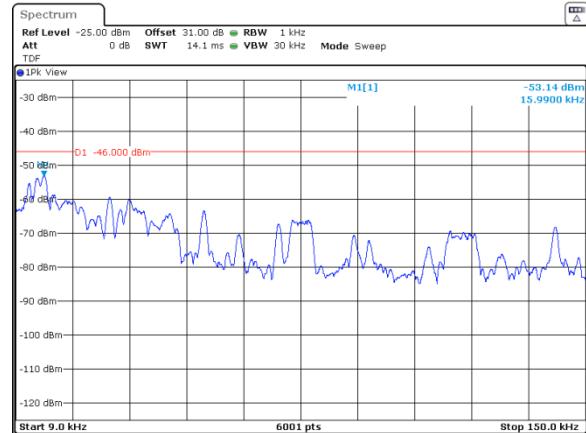
ANTENNA CHAIN: #1



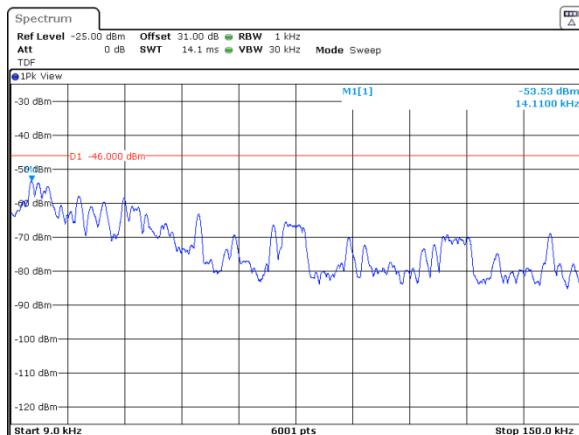
QPSK

40 MHz

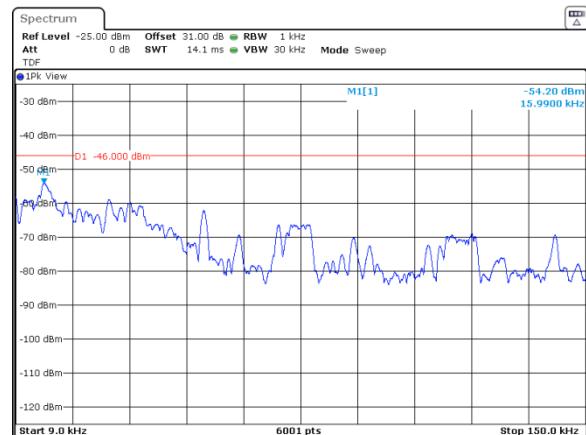
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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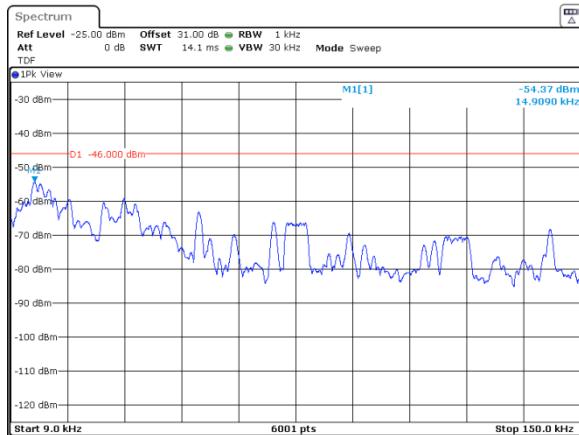
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.83 Spurious emission measurements in 9 - 150 kHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

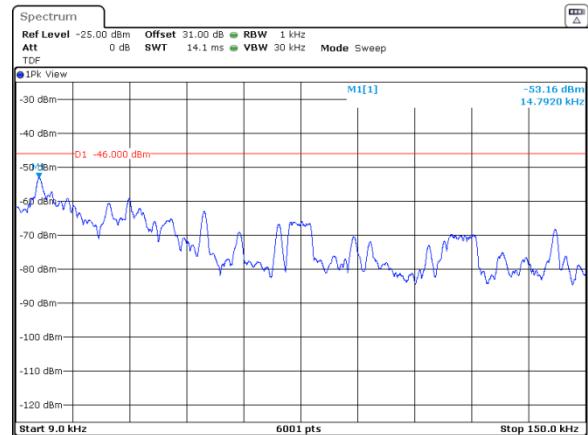
ANTENNA CHAIN: #1



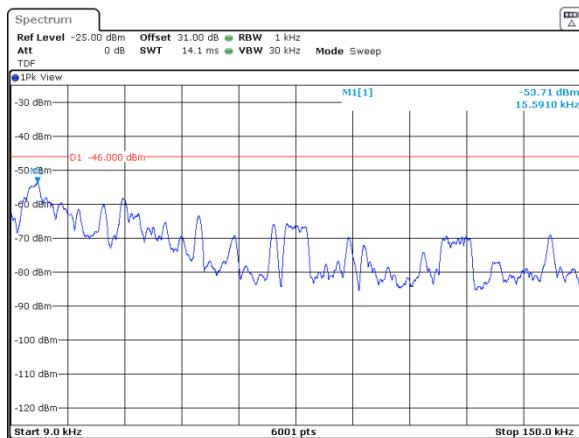
QPSK

40 MHz

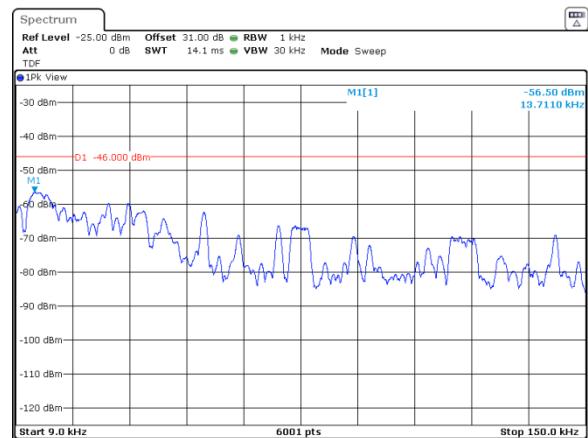
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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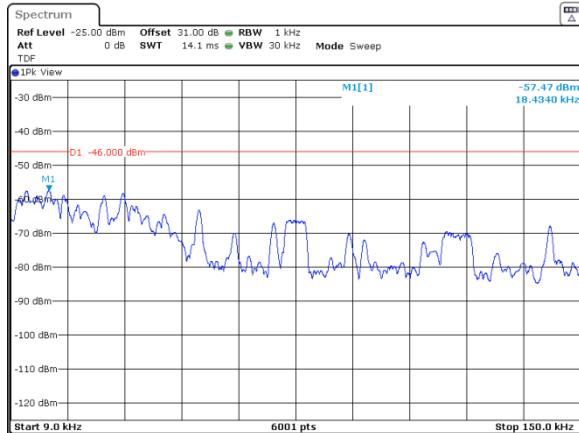
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.84 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

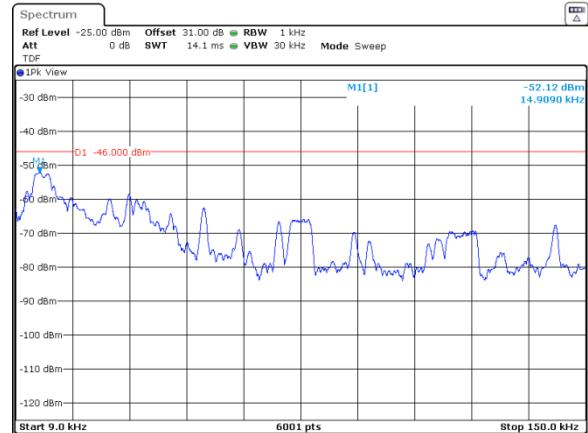
ANTENNA CHAIN: #1



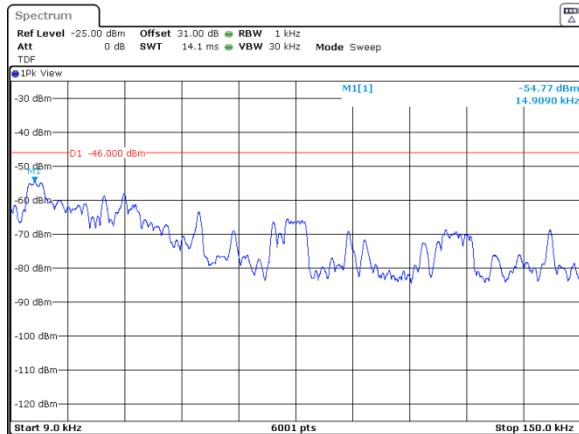
QPSK

40 MHz

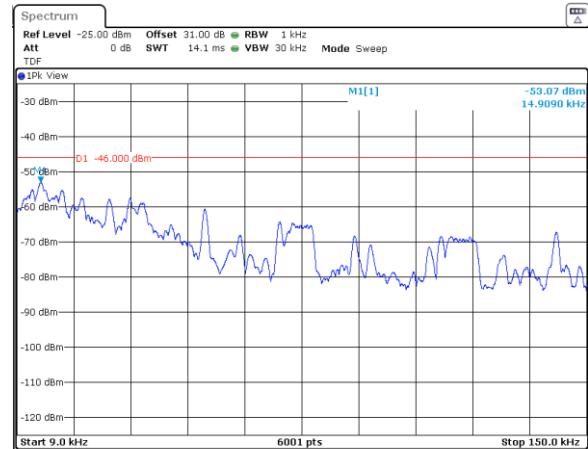
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





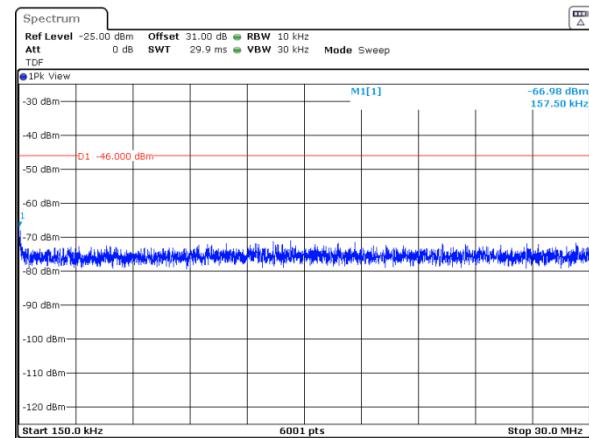
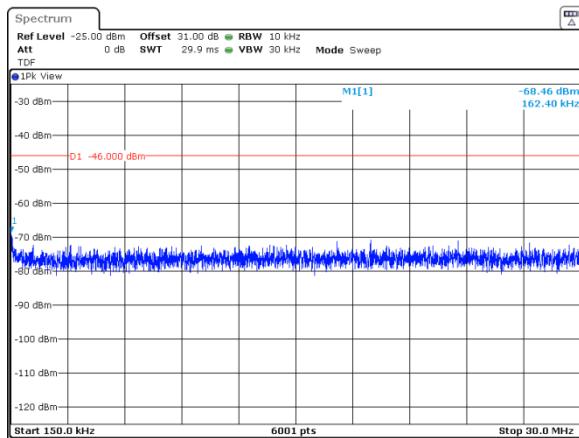
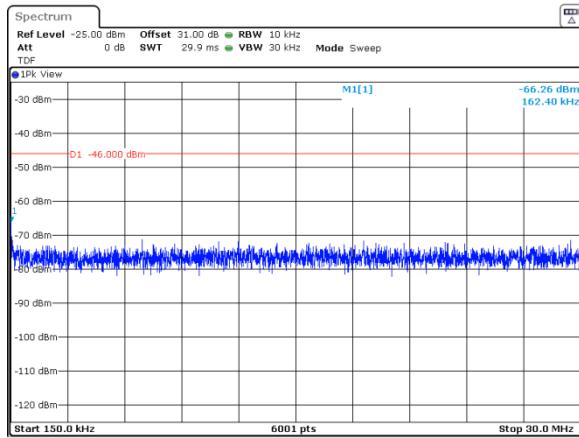
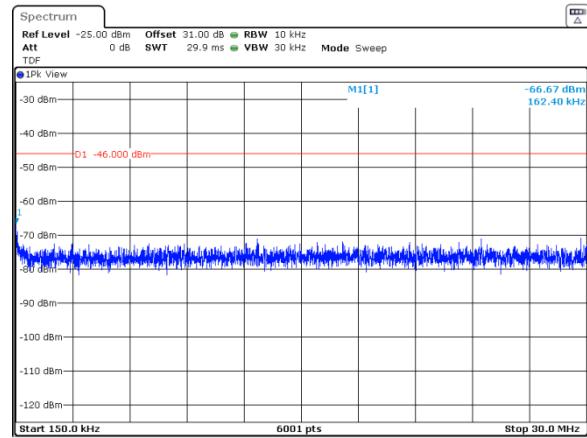
HERMON LABORATORIES

Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.85 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK
40 MHz
ANTENNA CHAIN: #2

**ANTENNA CHAIN: #3****ANTENNA CHAIN: #4**



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Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.86 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

MODULATION:

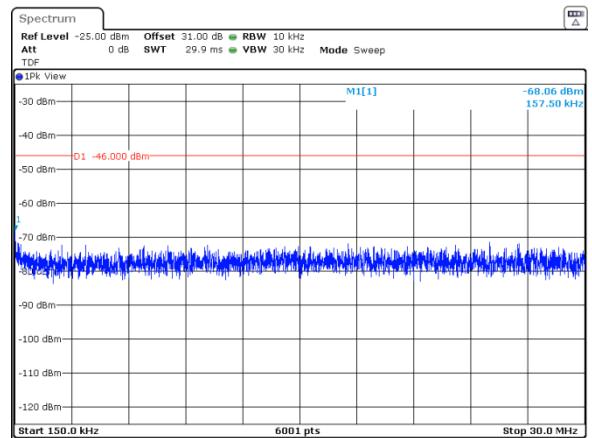
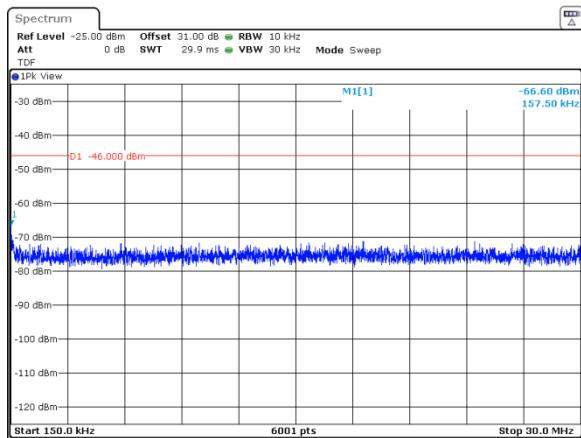
CHANNEL SPACING:

ANTENNA CHAIN: #1

QPSK

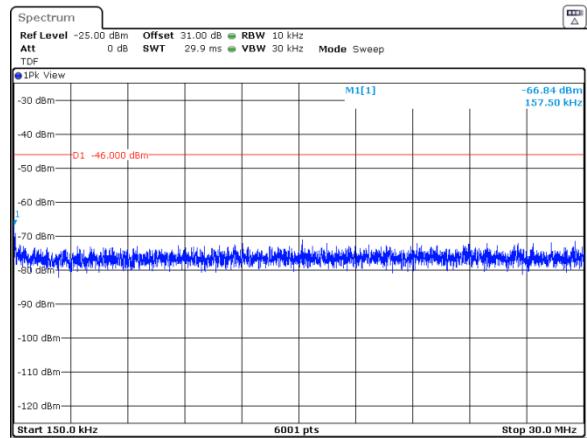
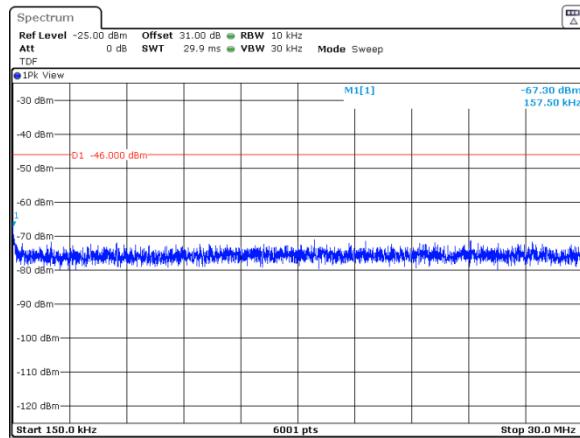
40 MHz

ANTENNA CHAIN: #2



ANTENNA CHAIN: #3

ANTENNA CHAIN: #4





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz
Date of Issue: 8-Dec-21

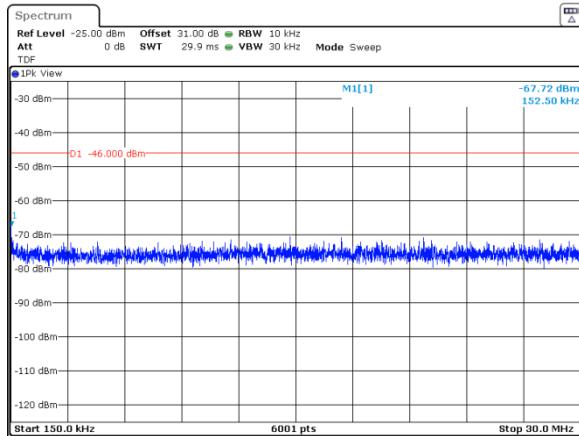
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.87 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

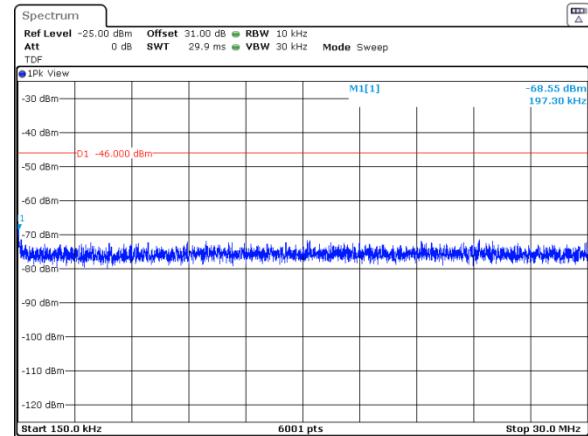
ANTENNA CHAIN: #1



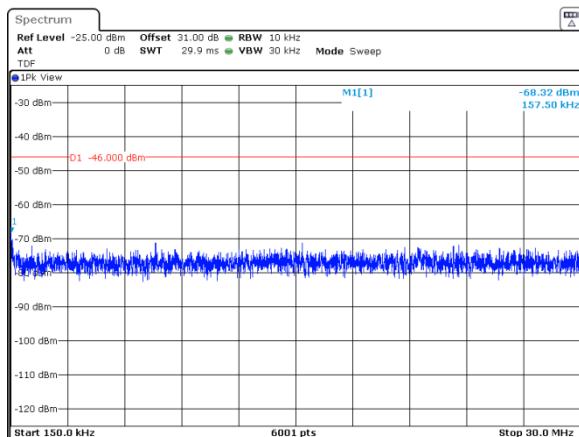
QPSK

40 MHz

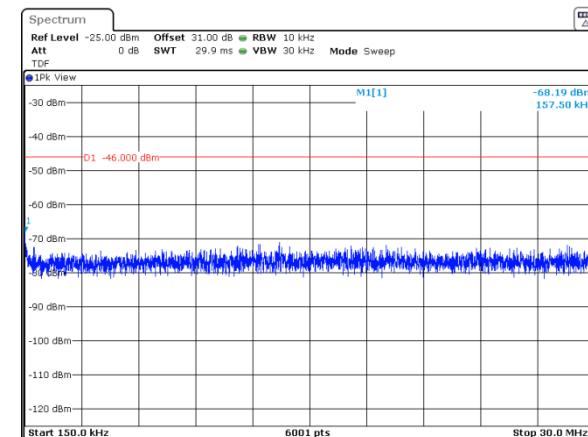
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





HERMON LABORATORIES

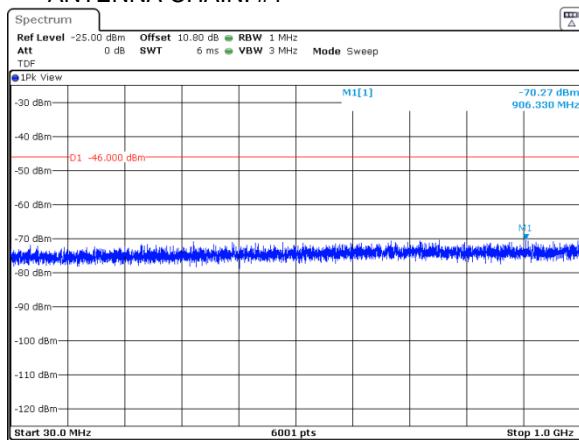
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.88 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

MODULATION:

CHANNEL SPACING:

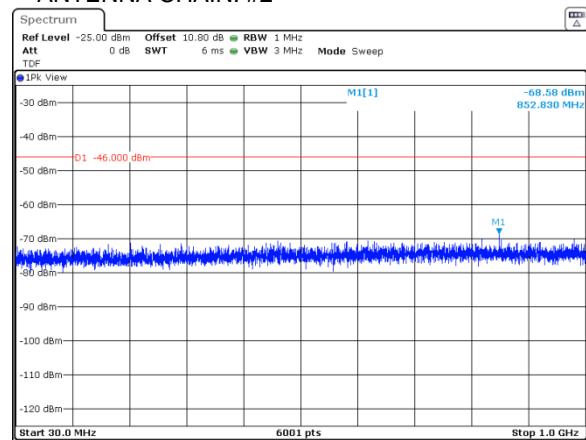
ANTENNA CHAIN: #1



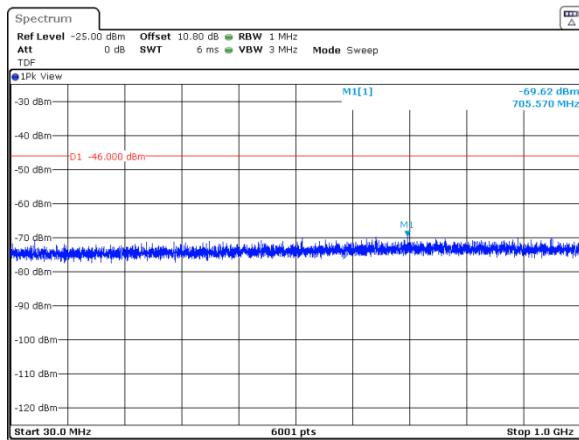
QPSK

40 MHz

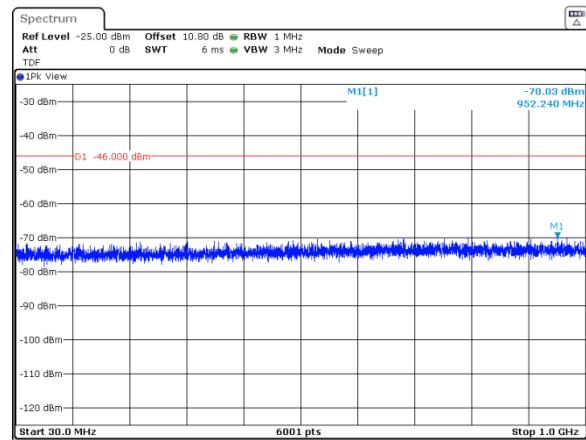
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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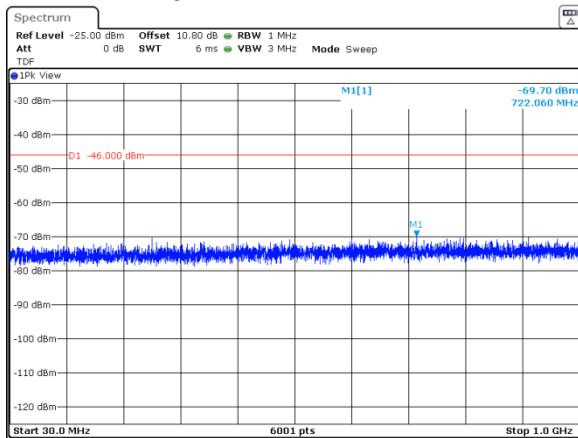
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance			Verdict: PASS
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.89 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

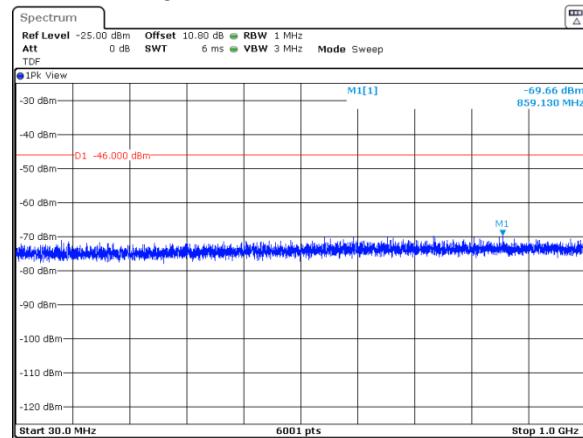
ANTENNA CHAIN: #1



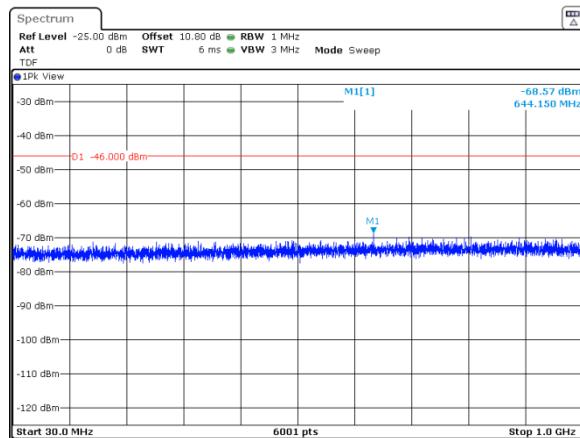
QPSK

40 MHz

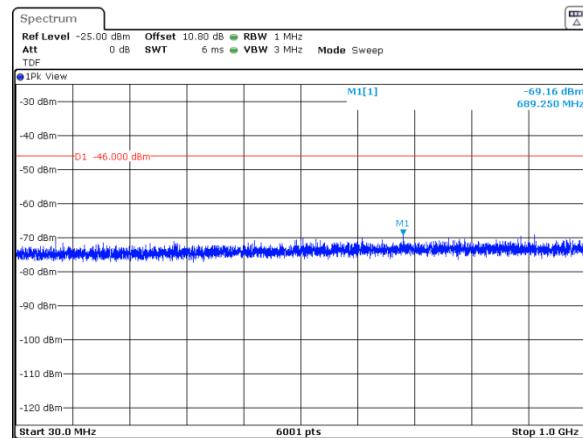
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz
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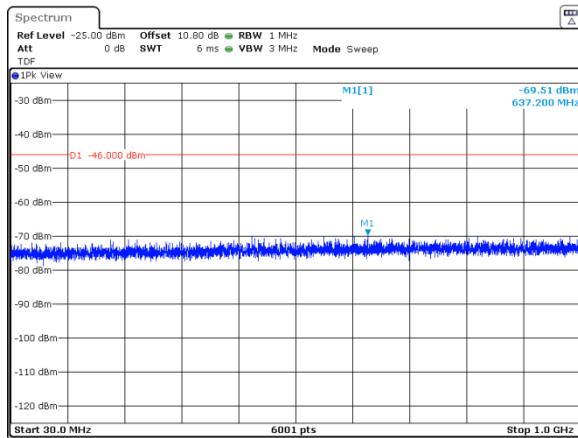
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance		
Date(s):	25-Aug-21 – 24-Nov-21		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.90 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

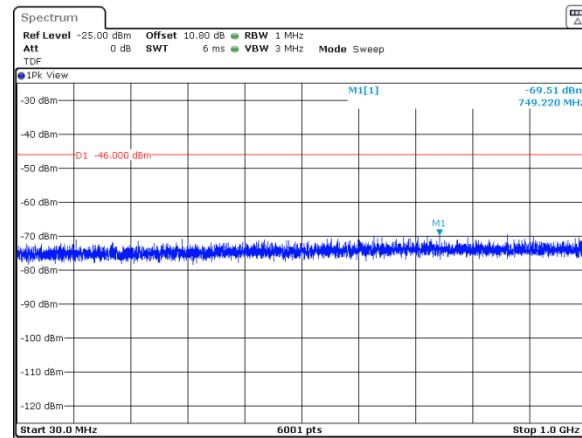
ANTENNA CHAIN: #1



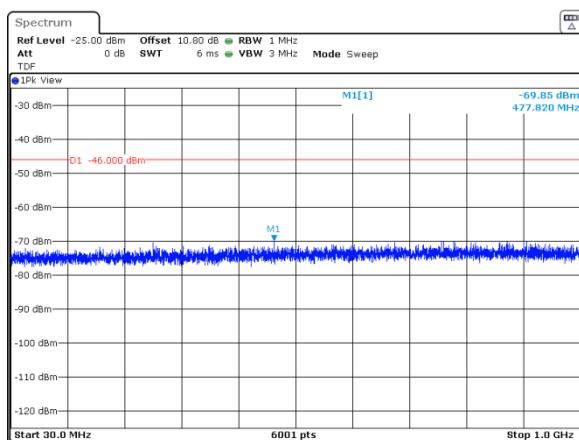
QPSK

40 MHz

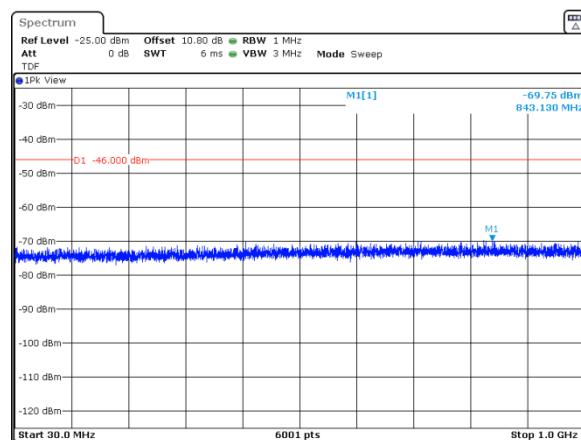
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.91 Spurious emission measurements in 1000 - 3000 MHz range at low carrier frequency

MODULATION:

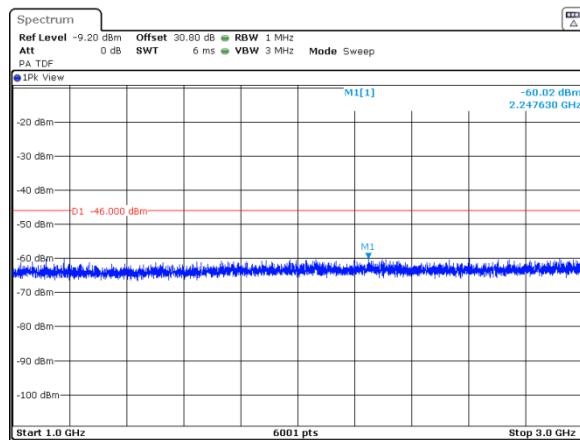
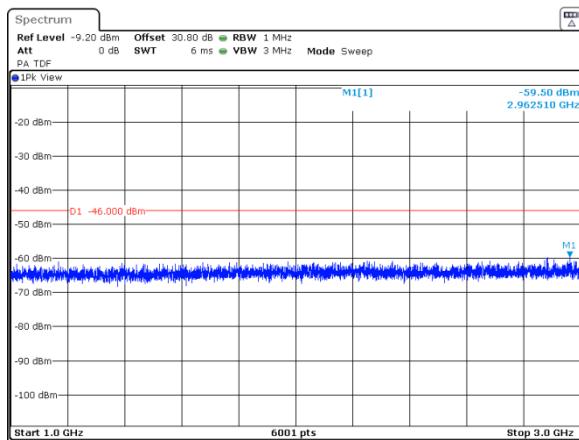
QPSK

CHANNEL SPACING:

40 MHz

ANTENNA CHAIN: #1

ANTENNA CHAIN: #2



ANTENNA CHAIN: #3

ANTENNA CHAIN: #4

