

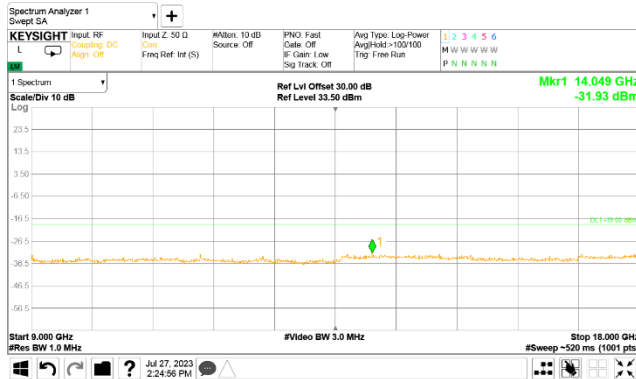


HERMON LABORATORIES

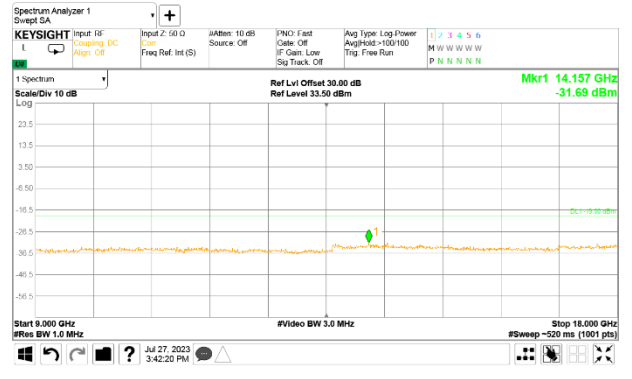
<b>Test specification: Section 27.53, Spurious emissions at RF antenna connector</b>			
<b>Test procedure: 47 CFR, Sections 2.1051, 27.53</b>			
<b>Test mode: Compliance</b>		<b>Verdict: PASS</b>	
<b>Date(s): 02-Aug-23</b>			
<b>Temperature: 21 °C</b>	<b>Relative Humidity: 54 %</b>	<b>Air Pressure: 1012 hPa</b>	<b>Power: 110 VAC, 60 Hz</b>
<b>Remarks:</b>			

Plot 7.4.19 Spurious emission measurements in 9000-18000 MHz range at low carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

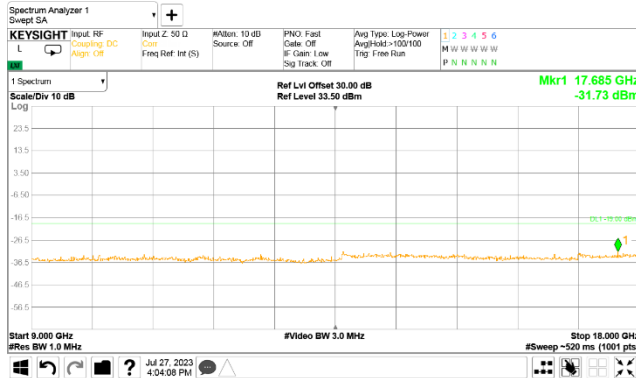


QPSK  
10 MHz  
ANTENNA CHAIN: #2

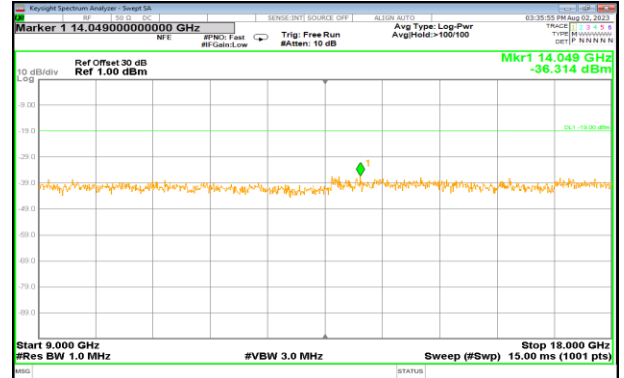


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

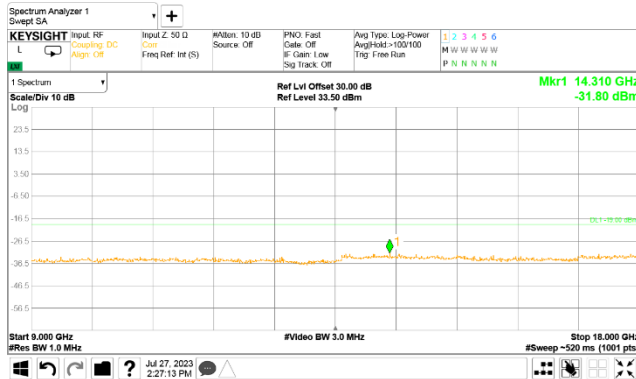


HERMON LABORATORIES

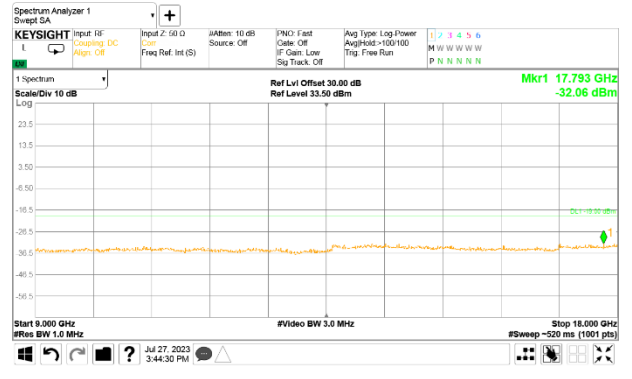
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.20 Spurious emission measurements in 9000 - 18000 MHz range at mid carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

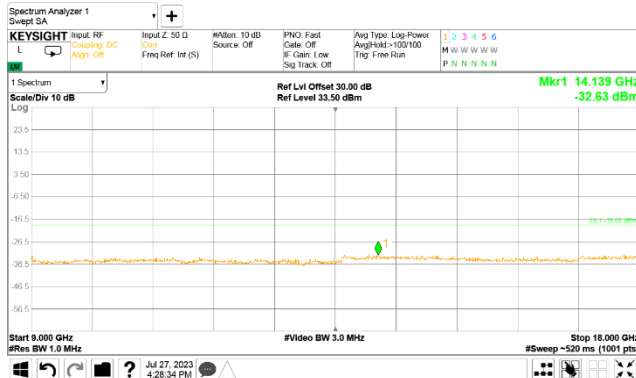


QPSK  
10 MHz  
ANTENNA CHAIN: #2

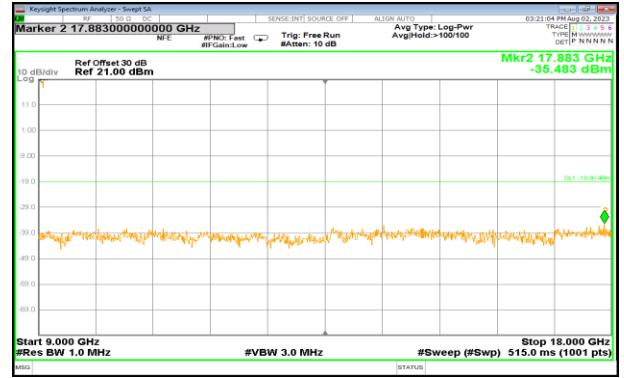


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

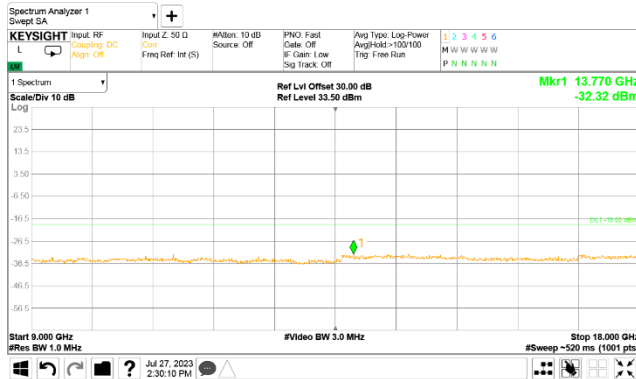


HERMON LABORATORIES

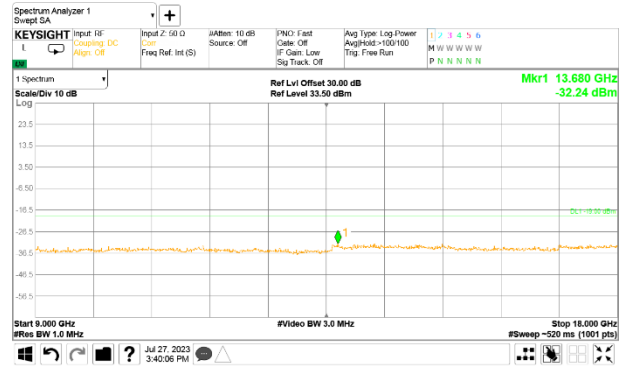
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.21 Spurious emission measurements in 9000 - 18000 MHz range at high carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

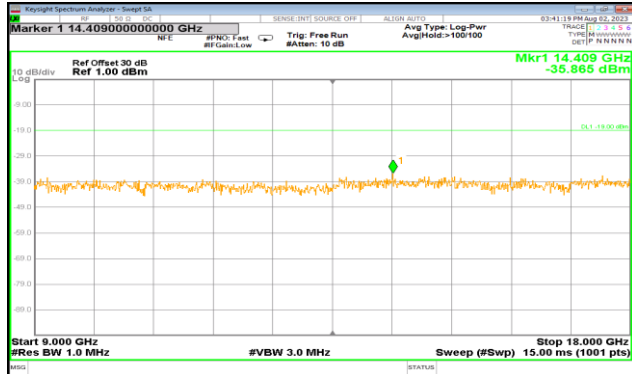


QPSK  
10 MHz  
ANTENNA CHAIN: #2

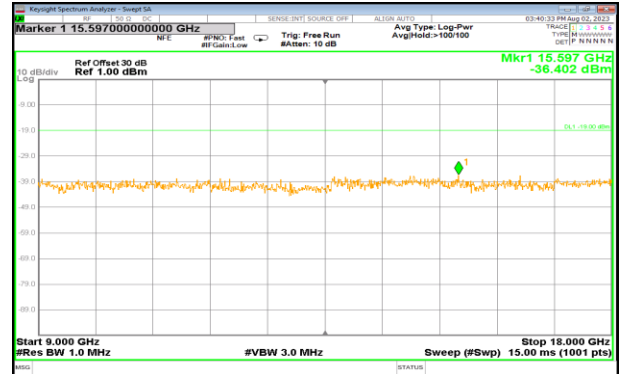


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

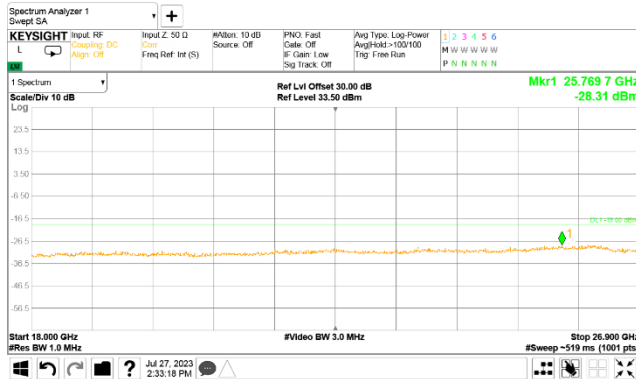


HERMON LABORATORIES

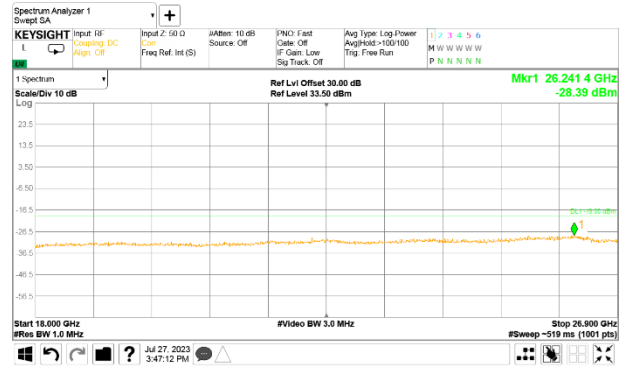
<b>Test specification: Section 27.53, Spurious emissions at RF antenna connector</b>			
<b>Test procedure: 47 CFR, Sections 2.1051, 27.53</b>			
<b>Test mode: Compliance</b>		<b>Verdict: PASS</b>	
<b>Date(s): 02-Aug-23</b>			
<b>Temperature: 21 °C</b>	<b>Relative Humidity: 54 %</b>	<b>Air Pressure: 1012 hPa</b>	<b>Power: 110 VAC, 60 Hz</b>
<b>Remarks:</b>			

Plot 7.4.22 Spurious emission measurements in 18000 - 26900 MHz range at low carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

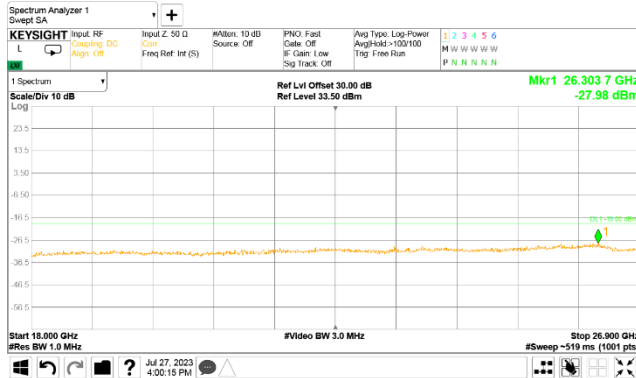


QPSK  
10 MHz  
ANTENNA CHAIN: #2



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

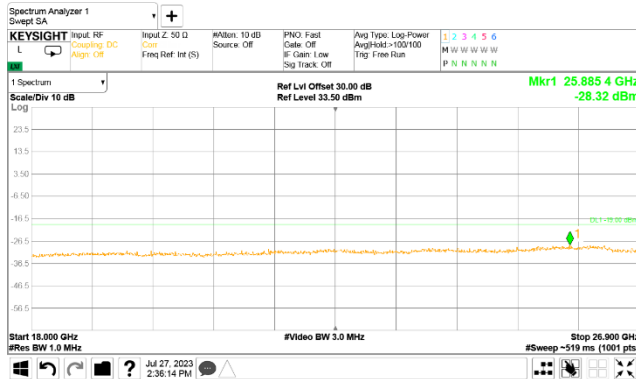


HERMON LABORATORIES

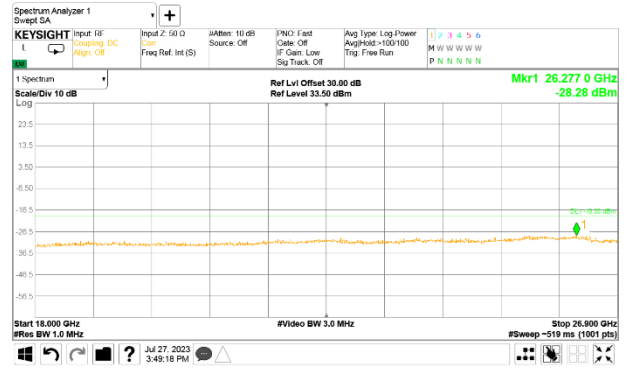
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.23 Spurious emission measurements in 18000 - 26900 MHz range at mid carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

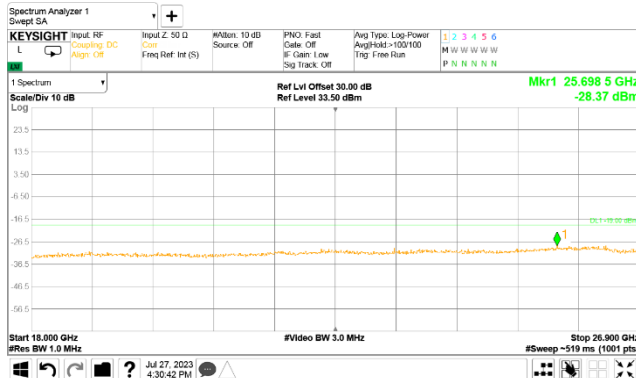


QPSK  
10 MHz  
ANTENNA CHAIN: #2

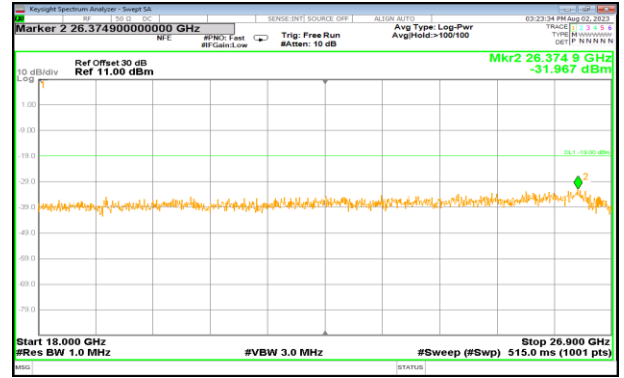


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

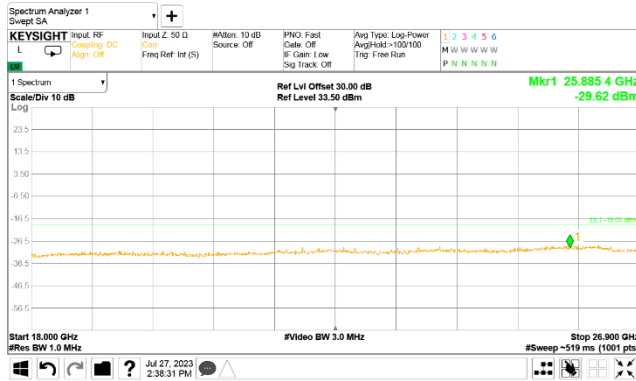


HERMON LABORATORIES

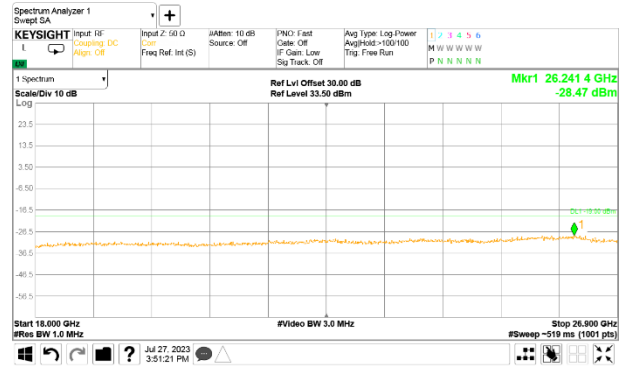
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.24 Spurious emission measurements in 18000 - 26900 MHz range at high carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

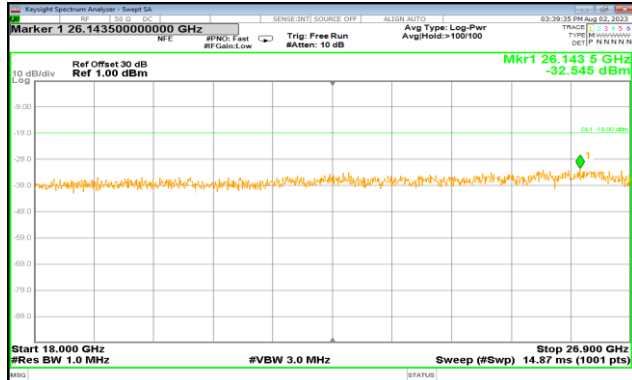


QPSK  
10 MHz  
ANTENNA CHAIN: #2

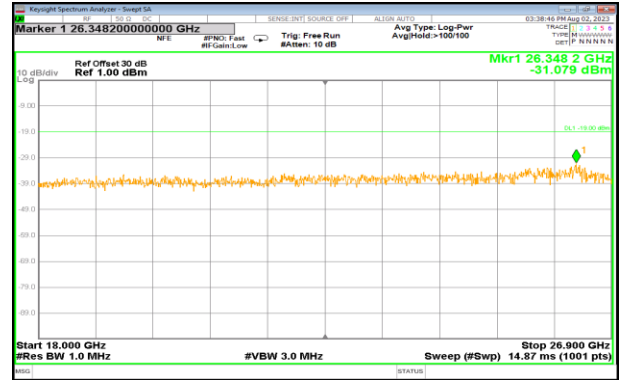


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

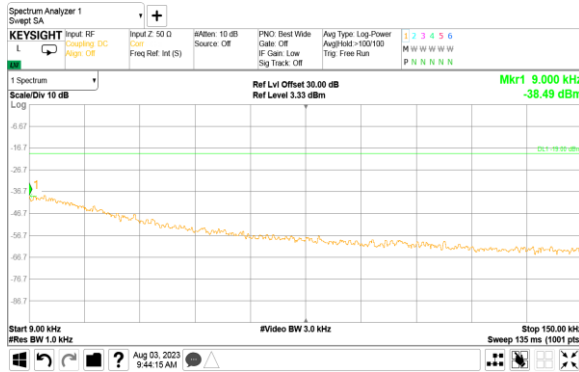


HERMON LABORATORIES

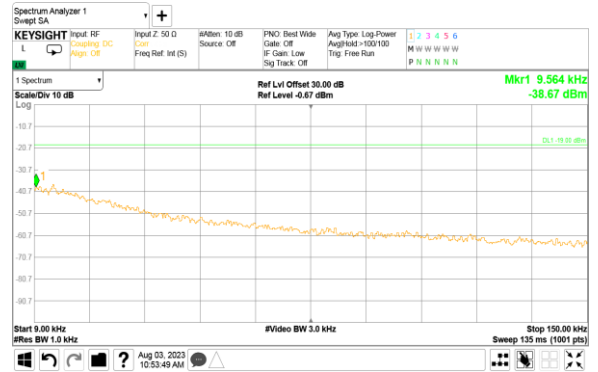
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.25 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

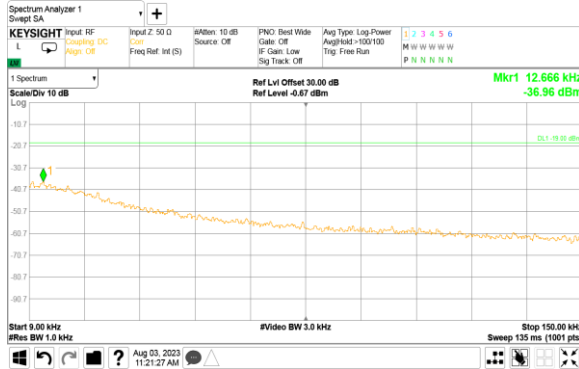


QPSK  
20 MHz  
ANTENNA CHAIN: #2

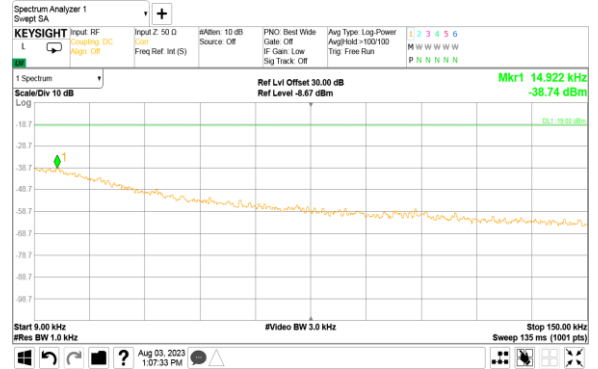


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

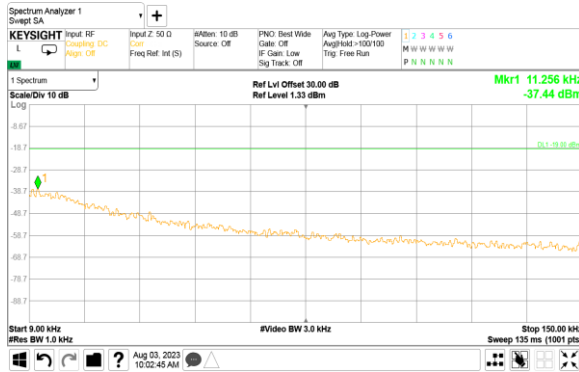


HERMON LABORATORIES

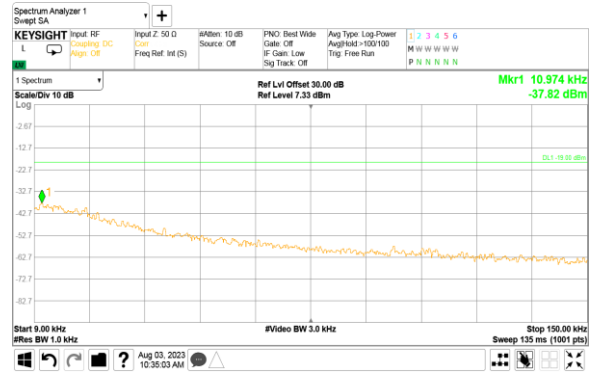
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.26 Spurious emission measurements in 9 - 150 kHz range at mid carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

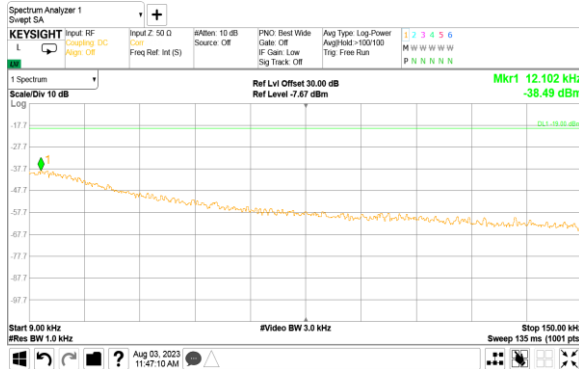


QPSK  
20 MHz  
ANTENNA CHAIN: #2

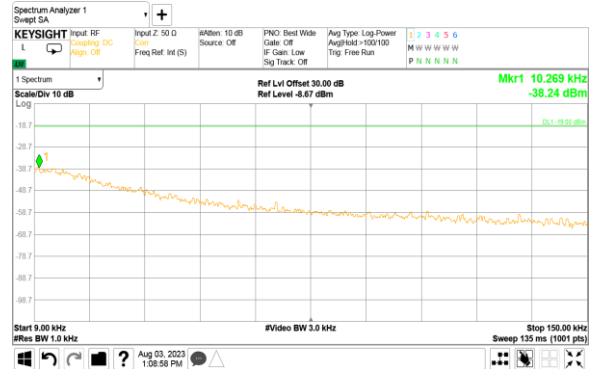


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$



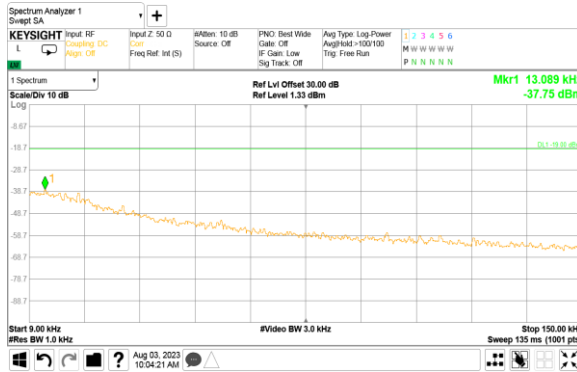


HERMON LABORATORIES

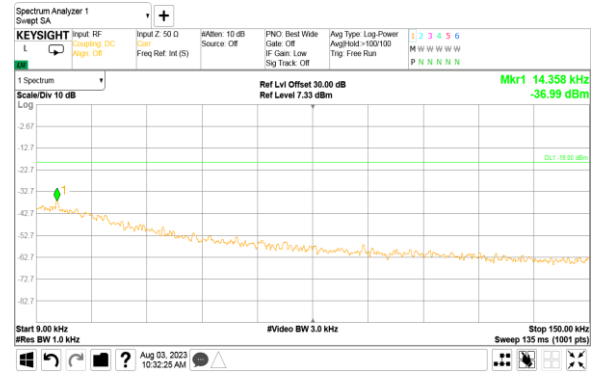
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.27 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

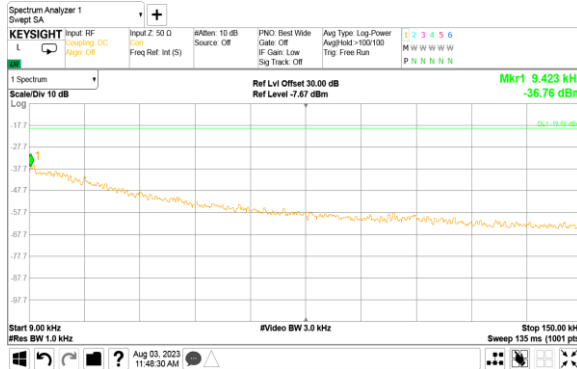


QPSK  
20 MHz  
ANTENNA CHAIN: #2

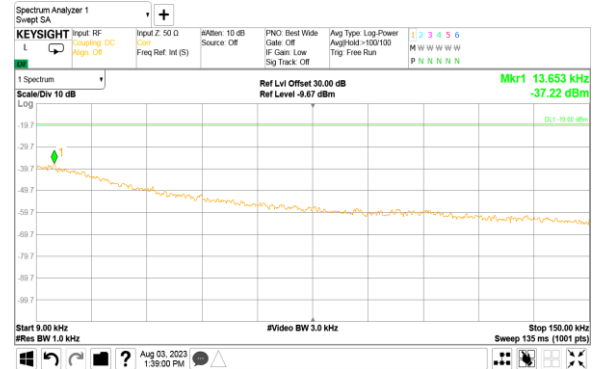


\* The limit line is  $43+10\log P(W) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W) - 10*\log(N)$

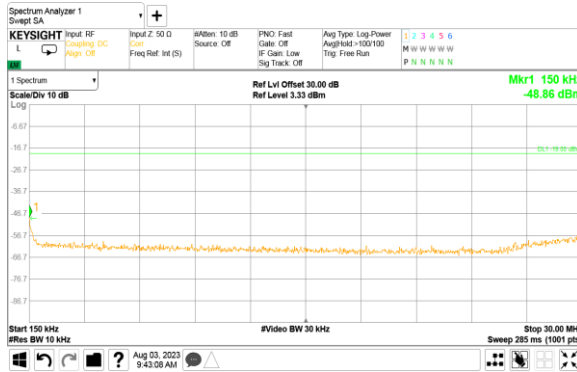


HERMON LABORATORIES

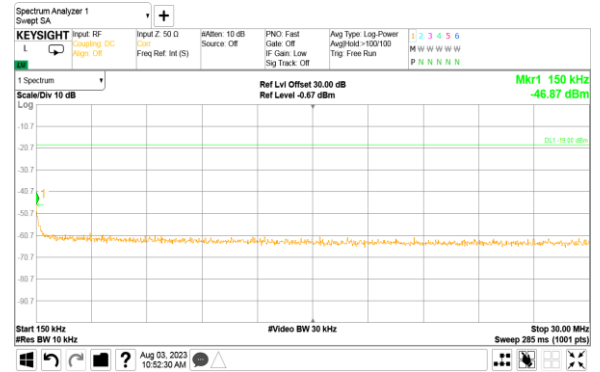
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.28 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

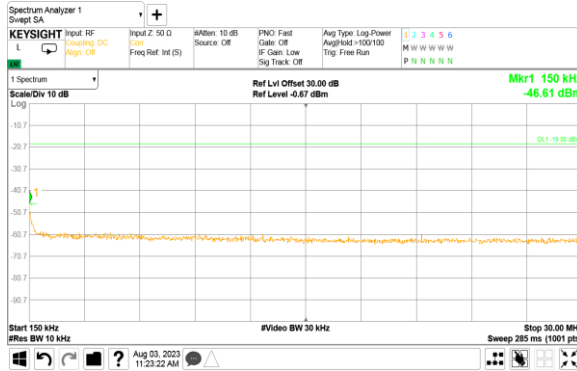


QPSK  
20 MHz  
ANTENNA CHAIN: #2

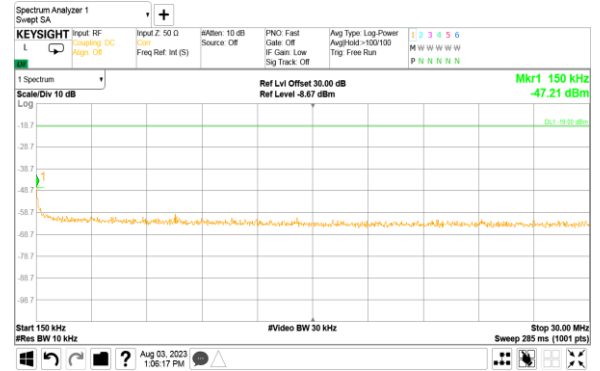


\* The limit line is  $43+10\log(P(W)) - 10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log(P(W)) - 10*\log(N)$

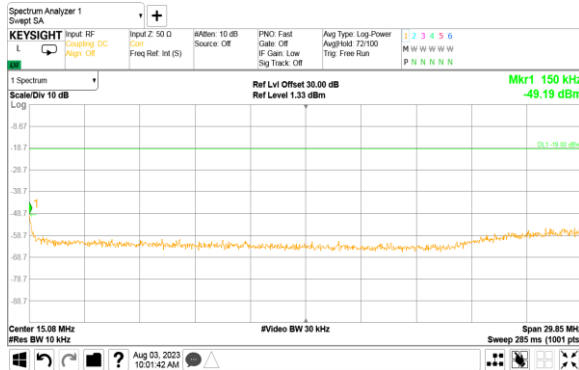


HERMON LABORATORIES

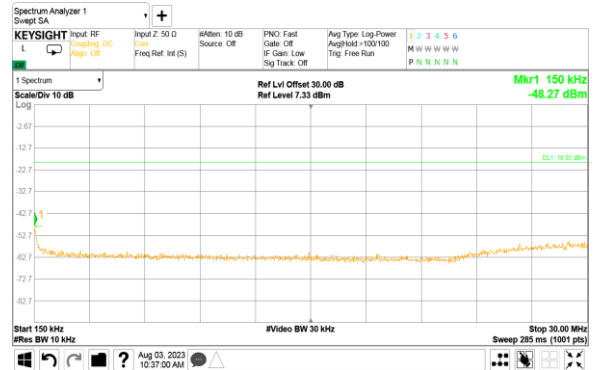
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.29 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

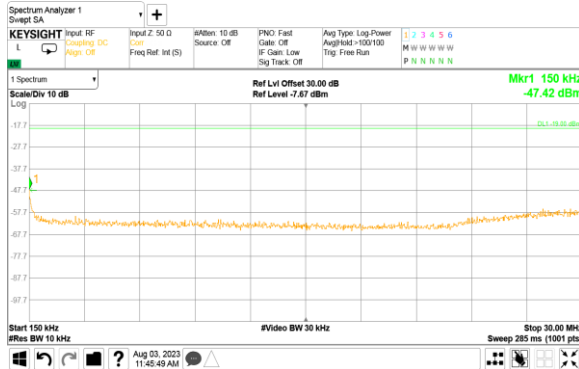


QPSK  
20 MHz  
ANTENNA CHAIN: #2

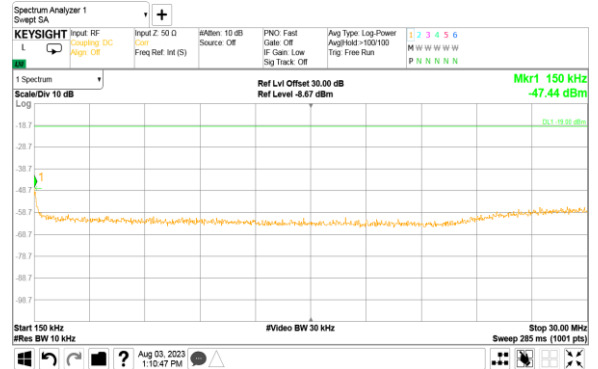


\* The limit line is  $43+10\log P(W)-10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W)-10*\log(N)$

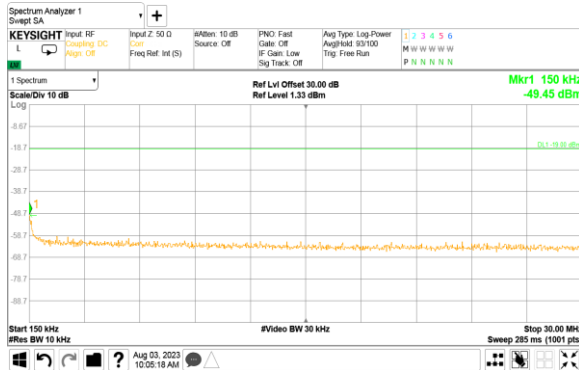


HERMON LABORATORIES

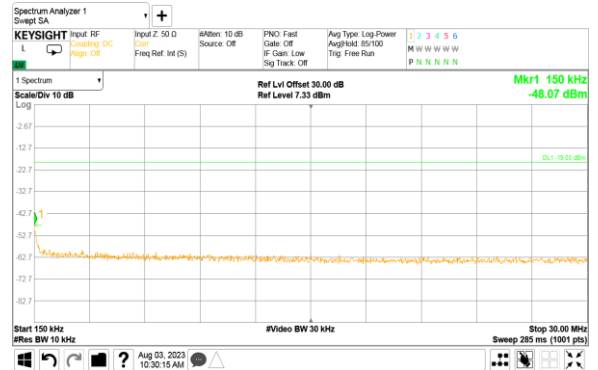
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS		
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.30 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

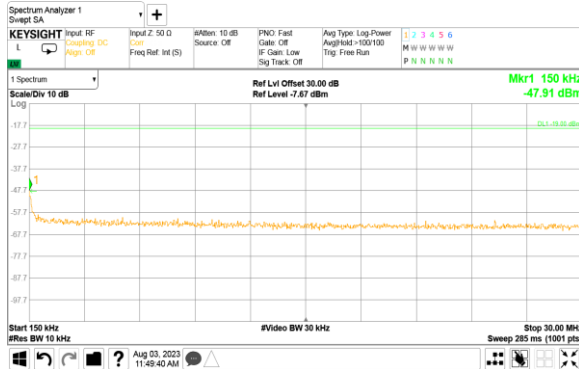


QPSK  
20 MHz  
ANTENNA CHAIN: #2

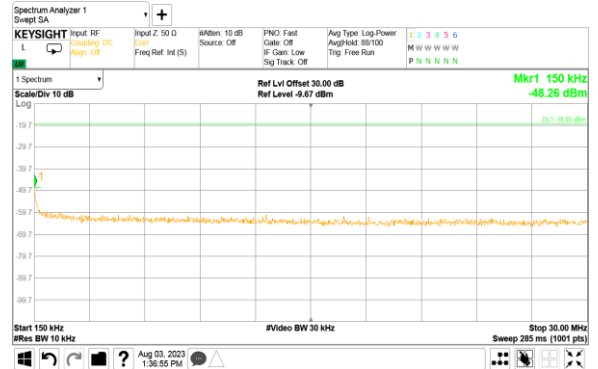


\* The limit line is  $43+10\log P(W)-10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W)-10*\log(N)$

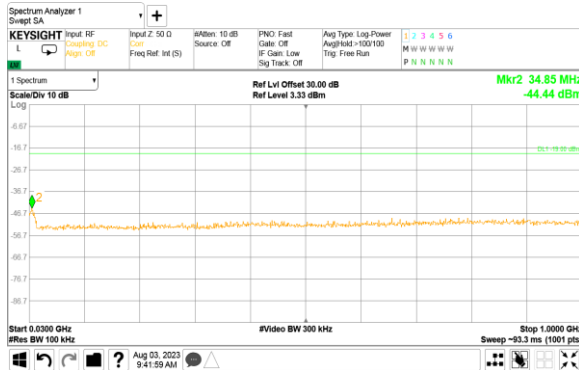


HERMON LABORATORIES

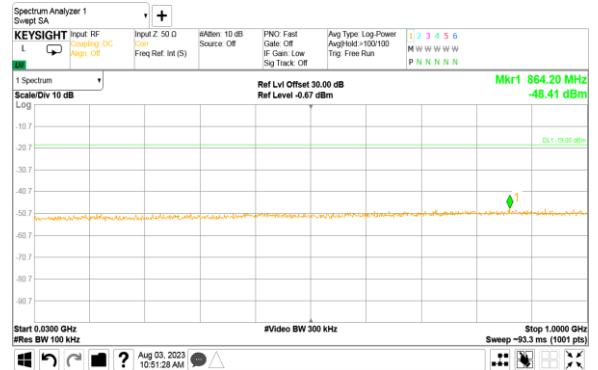
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.31 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

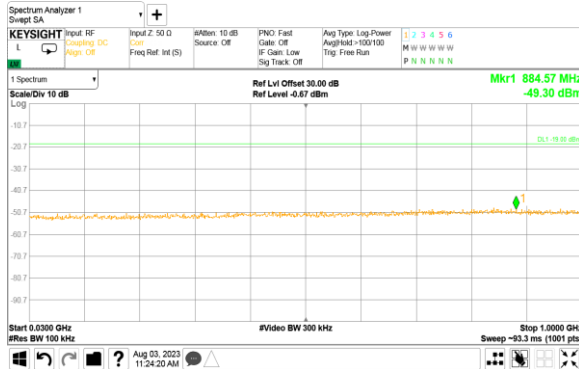


QPSK  
20 MHz  
ANTENNA CHAIN: #2

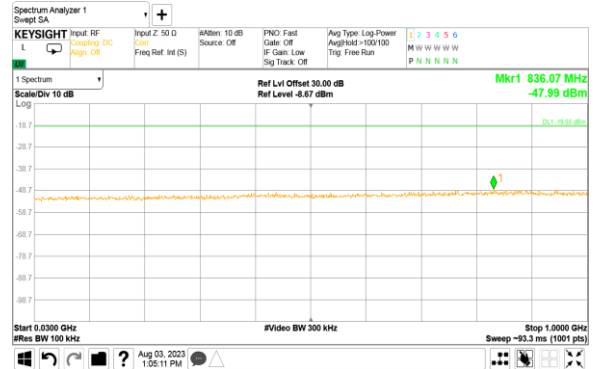


\* The limit line is  $43+10\log P(W)-10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W)-10*\log(N)$

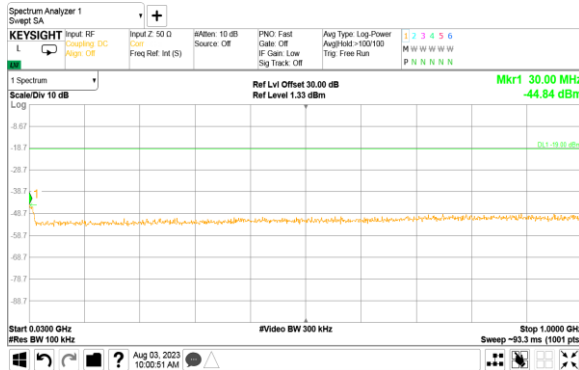


HERMON LABORATORIES

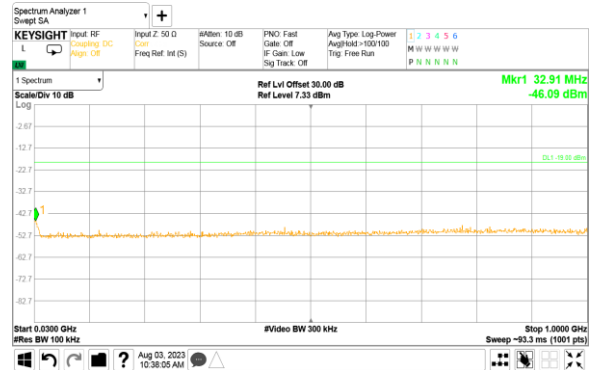
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector	
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53	
<b>Test mode:</b> Compliance	<b>Verdict:</b> PASS
<b>Date(s):</b> 02-Aug-23	
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %
<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>	

Plot 7.4.32 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

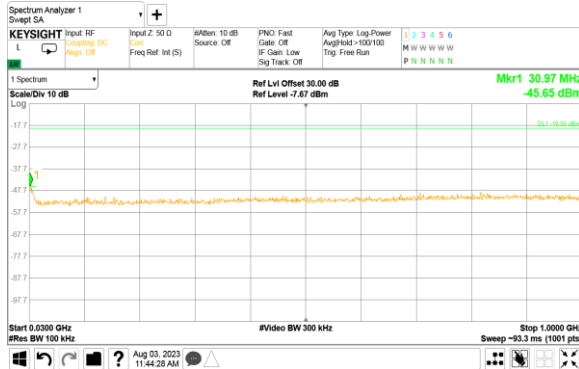


QPSK  
20 MHz  
ANTENNA CHAIN: #2

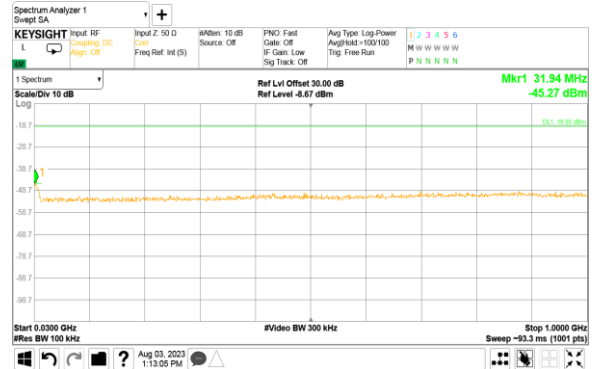


\* The limit line is  $43+10\log P(W)-10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W)-10*\log(N)$

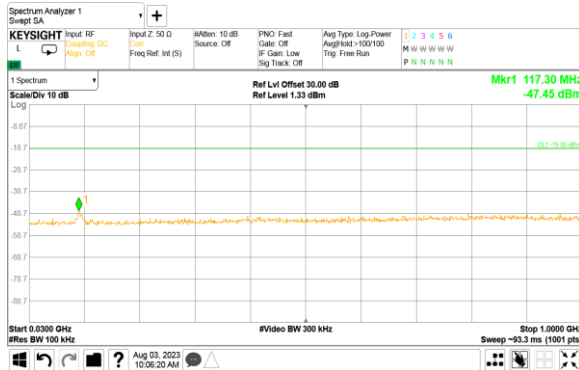


HERMON LABORATORIES

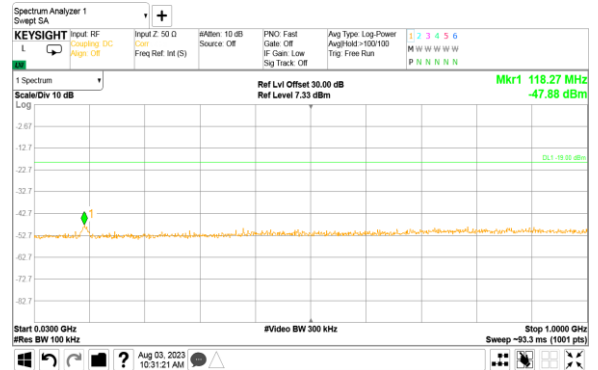
<b>Test specification:</b> Section 27.53, Spurious emissions at RF antenna connector			
<b>Test procedure:</b> 47 CFR, Sections 2.1051, 27.53			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 02-Aug-23			
<b>Temperature:</b> 21 °C	<b>Relative Humidity:</b> 54 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 110 VAC, 60 Hz
<b>Remarks:</b>			

Plot 7.4.33 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

MODULATION:  
CHANNEL SPACING:  
ANTENNA CHAIN: #1

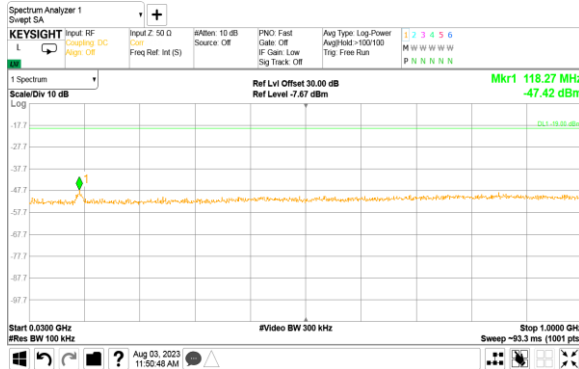


QPSK  
20 MHz  
ANTENNA CHAIN: #2

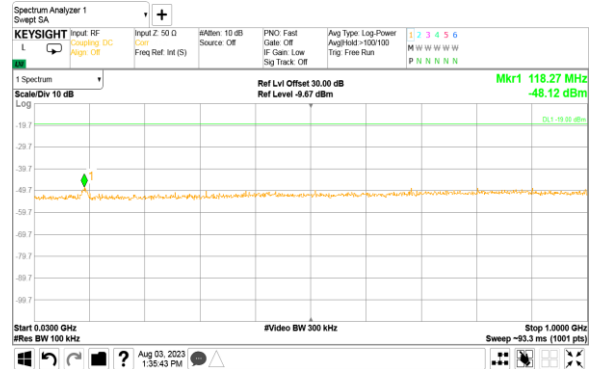


\* The limit line is  $43+10\log P(W)-10*\log(N)$

ANTENNA CHAIN: #3



ANTENNA CHAIN: #4



\* The limit line is  $43+10\log P(W)-10*\log(N)$