



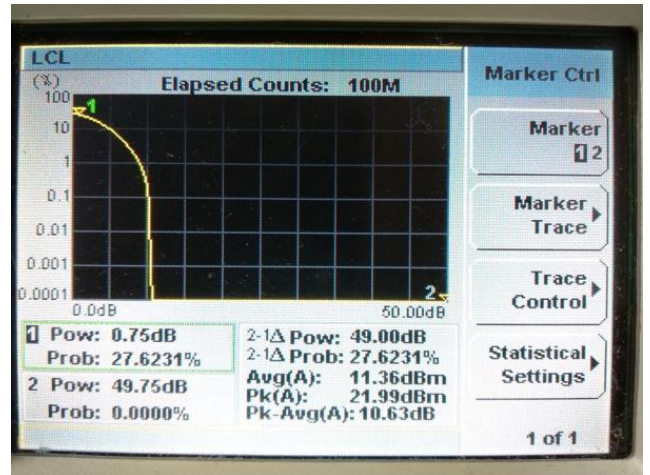
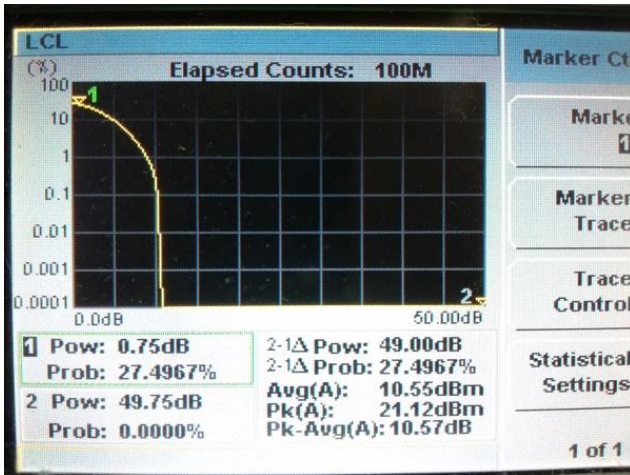
HERMON LABORATORIES

<b>Test specification:</b> Section 96.41(g), Peak-to- average power ratio			
<b>Test procedure:</b> Section 96.41(g)			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 29-Oct-18 - 04-Apr-23			
<b>Temperature:</b> 24.3. °C	<b>Relative Humidity:</b> 48 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

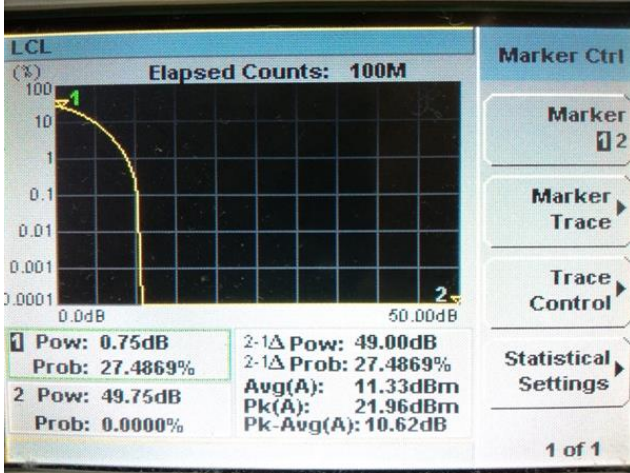
Plot 7.2.3 Peak-to-average power ratio test results at high frequency

CHANNEL SPACING:  
ANTENNA PORT:  
Modulation: QPSK

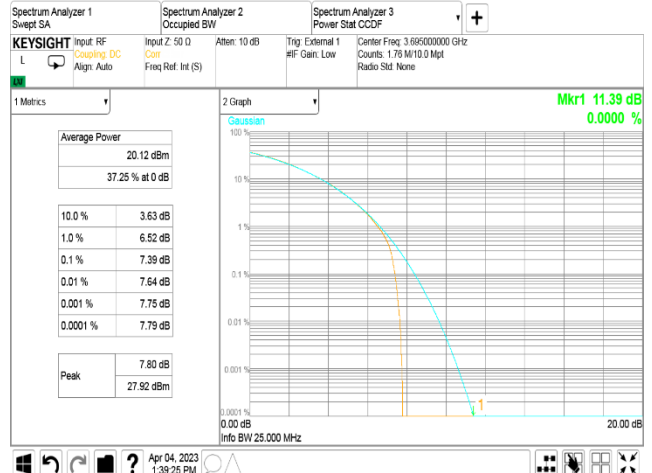
10 MHz  
1  
Modulation: 16QAM



Modulation: 64QAM



Modulation 256QAM





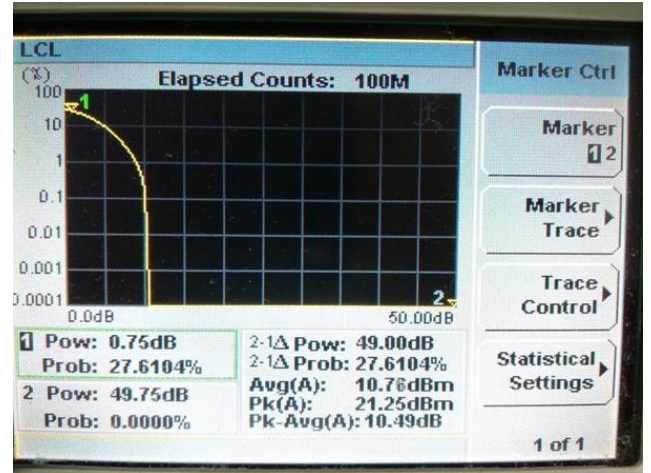
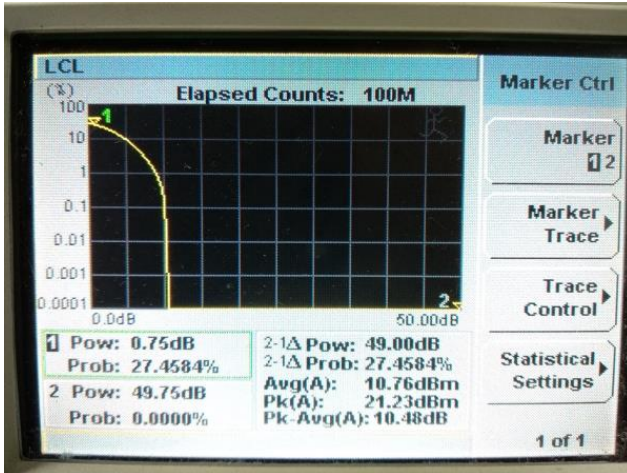
HERMON LABORATORIES

<b>Test specification:</b> Section 96.41(g), Peak-to- average power ratio			
<b>Test procedure:</b> Section 96.41(g)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 29-Oct-18 - 04-Apr-23			
<b>Temperature:</b> 24.3. °C	<b>Relative Humidity:</b> 48 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

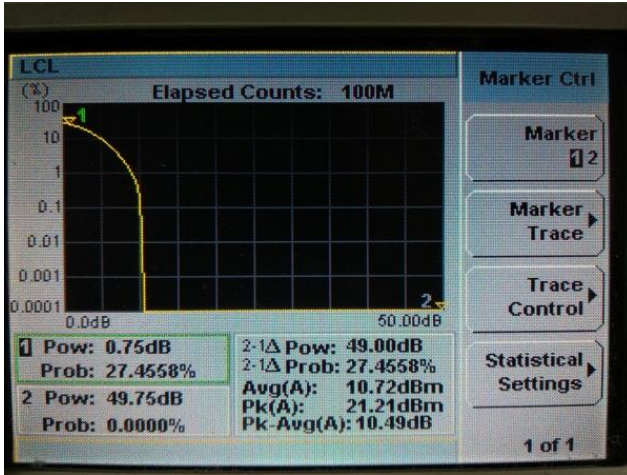
Plot 7.2.4 Peak-to-average power ratio test results at low frequency

CHANNEL SPACING:  
ANTENNA PORT:  
Modulation: QPSK

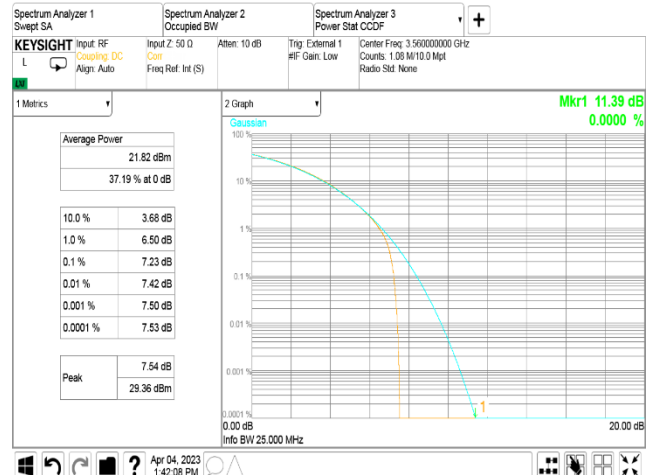
20 MHz  
1  
Modulation: 16QAM



Modulation: 64QAM



Modulation 256QAM





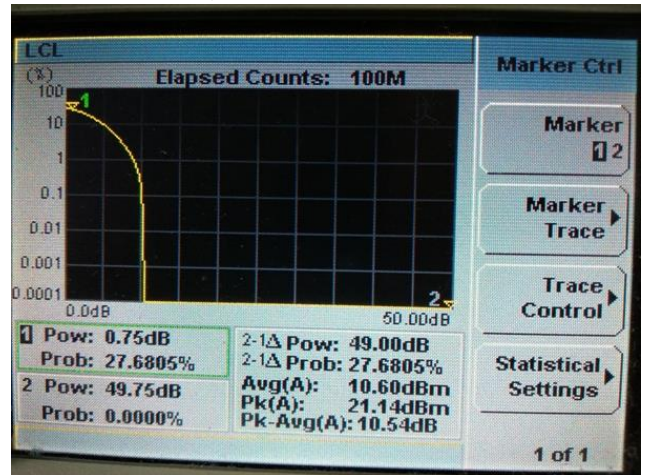
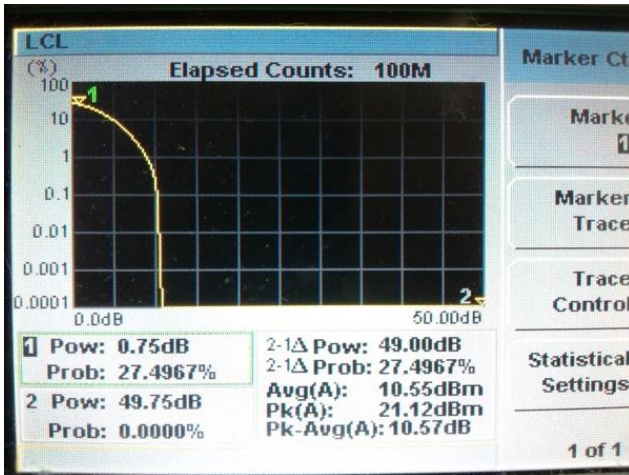
HERMON LABORATORIES

<b>Test specification:</b> Section 96.41(g), Peak-to- average power ratio			
<b>Test procedure:</b> Section 96.41(g)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 29-Oct-18 - 04-Apr-23			
<b>Temperature:</b> 24.3. °C	<b>Relative Humidity:</b> 48 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

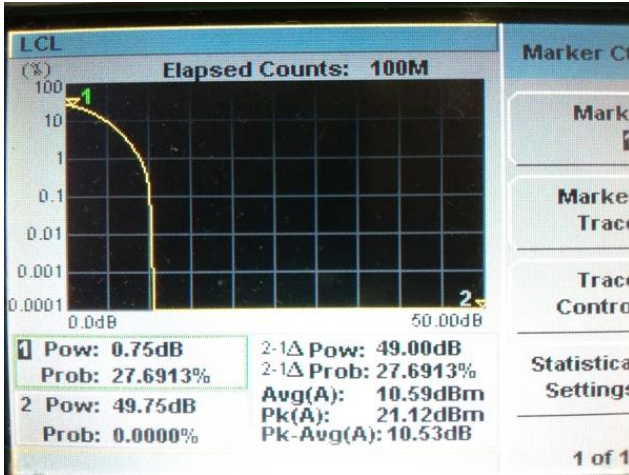
Plot 7.2.5 Peak-to-average power ratio test results at mid frequency

CHANNEL SPACING:  
ANTENNA PORT:  
Modulation: QPSK

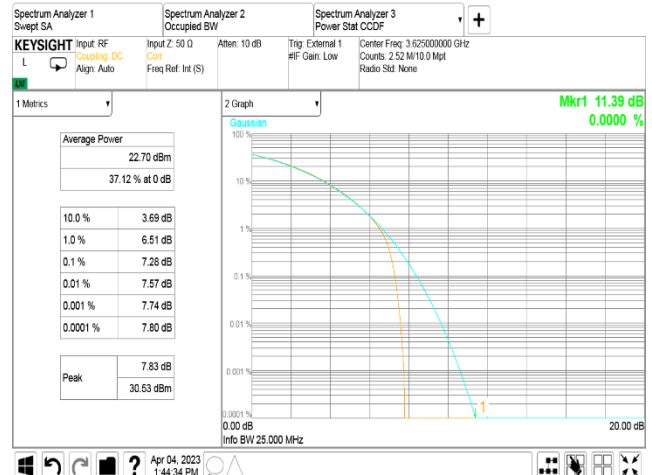
20 MHz  
1  
Modulation: 16QAM



Modulation: 64QAM



Modulation 256QAM





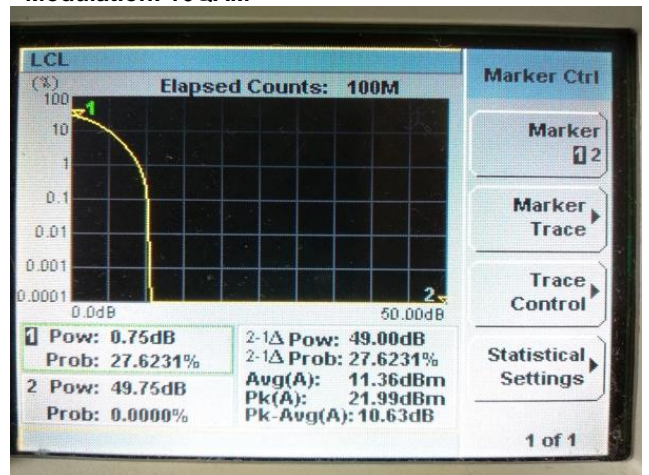
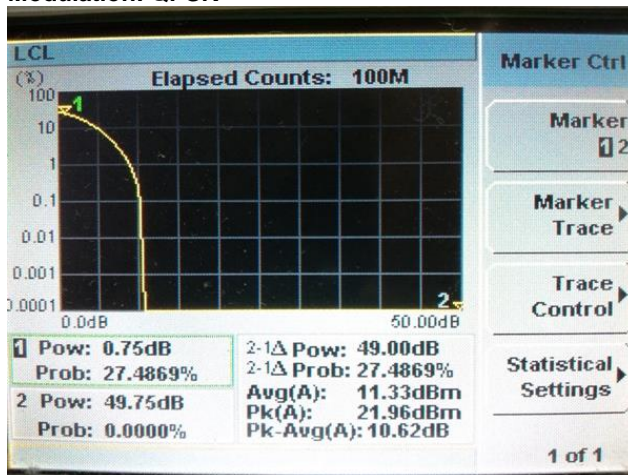
HERMON LABORATORIES

<b>Test specification:</b> Section 96.41(g), Peak-to- average power ratio			
<b>Test procedure:</b> Section 96.41(g)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 29-Oct-18 - 04-Apr-23			
<b>Temperature:</b> 24.3. °C	<b>Relative Humidity:</b> 48 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

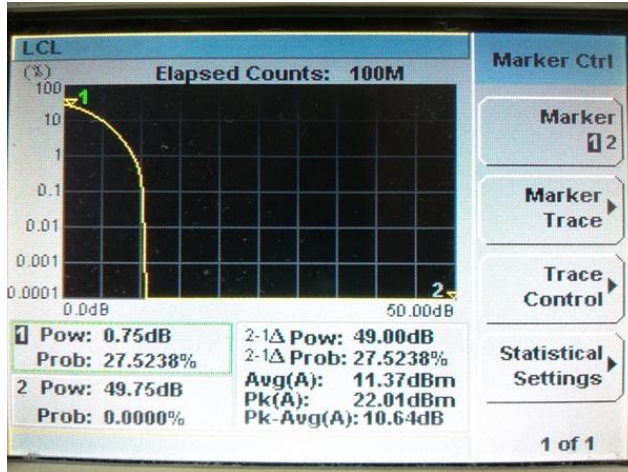
Plot 7.2.6 Peak-to-average power ratio test results at high frequency

CHANNEL SPACING:  
ANTENNA PORT:  
Modulation: QPSK

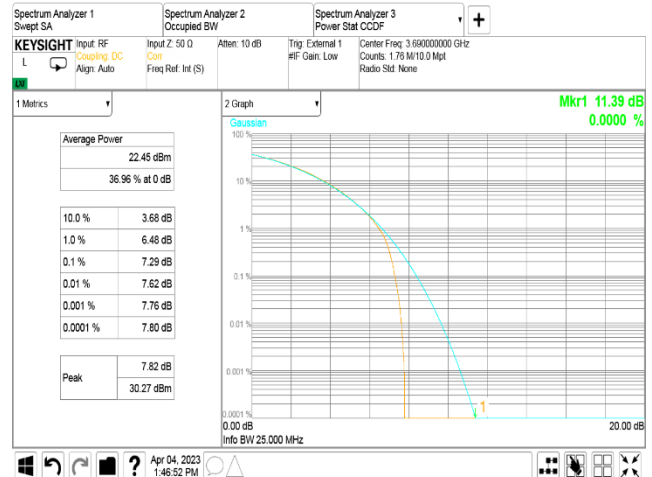
20 MHz  
1  
Modulation: 16QAM



Modulation: 64QAM



Modulation 256QAM





<b>Test specification: Section 2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

### 7.3 Occupied bandwidth test

#### 7.3.1 General

This test was performed to measure transmitter occupied bandwidth. Specification test limits are given in Table 7.3.1.

Table 7.3.1 Occupied bandwidth limits

Assigned frequency, MHz	Modulation envelope reference points*, %	Maximum allowed bandwidth, MHz
3550 - 3700	99	10 / 20 MHz

\* - Modulation envelope reference points are provided in terms of attenuation below the unmodulated carrier.

#### 7.3.2 Test procedure

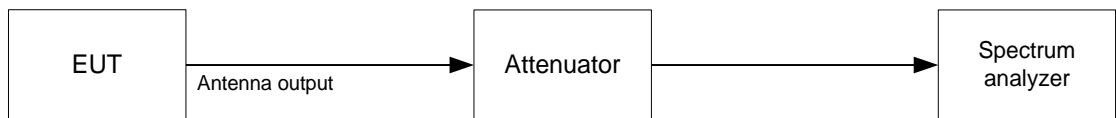
7.3.2.1 The EUT was set up as shown in Figure 7.3.1, energized and its proper operation was checked.

7.3.2.2 The EUT was set to transmit the unmodulated carrier and the reference peak power level was measured.

7.3.2.3 The EUT was set to transmit the normally modulated carrier.

7.3.2.4 The transmitter occupied bandwidth was measured with spectrum analyzer as a frequency delta between the reference points on modulation envelope and provided in Table 7.3.2 and the associated plots.

Figure 7.3.1 Occupied bandwidth test setup





<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Table 7.3.2 Occupied bandwidth test results

DETECTOR USED: Peak hold  
 RESOLUTION BANDWIDTH: 1 – 5% of the OBW  
 VIDEO BANDWIDTH: > RBW  
 MODULATION ENVELOPE REFERENCE POINTS: 99%

Carrier frequency, MHz	Occupied bandwidth, MHz	Limit, MHz	Margin, MHz	Verdict
<b>Channel spacing 10 MHz</b>				
<b>Modulation QPSK</b>				
3555.0	8.9506	10.0	-1.0494	Pass
3625.0	8.9584	10.0	-1.0416	Pass
3695.0	8.9443	10.0	-1.0557	Pass
<b>Modulation 16QAM</b>				
3555.0	8.9462	10.0	-1.0538	Pass
3625.0	8.9396	10.0	-1.0604	Pass
3695.0	8.9342	10.0	-1.0658	Pass
<b>Modulation 64QAM</b>				
3555.0	8.9288	10.0	-1.0712	Pass
3625.0	8.9318	10.0	-1.0682	Pass
3695.0	8.9470	10.0	-1.0530	Pass
<b>Modulation 256QAM</b>				
3555.0	9.0233	10.0	-0.9767	Pass
3625.0	9.0270	10.0	-0.9730	Pass
3695.0	9.0176	10.0	-0.9824	Pass
<b>Channel spacing 20 MHz</b>				
<b>Modulation QPSK</b>				
3560.0	17.874	20.0	-2.1251	Pass
3625.0	17.880	20.0	-2.1199	Pass
3690.0	17.856	20.0	-2.1432	Pass
<b>Modulation 16QAM</b>				
3560.0	17.8495	20.0	-2.1505	Pass
3625.0	17.8480	20.0	-2.1520	Pass
3690.0	17.8555	20.0	-2.1445	Pass
<b>Modulation 64QAM</b>				
3560.0	17.8611	20.0	-2.1389	Pass
3625.0	17.8811	20.0	-2.1189	Pass
3690.0	17.8603	20.0	-2.1397	Pass
<b>Modulation 256QAM</b>				
3560.0	17.837	20	-2.163	Pass
3625.0	17.846	20	-2.154	Pass
3690.0	17.825	20	-2.175	Pass

Reference numbers of test equipment used

HL 3787	HL 3818	HL 3903				
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Full description is given in Appendix A.



HERMON LABORATORIES

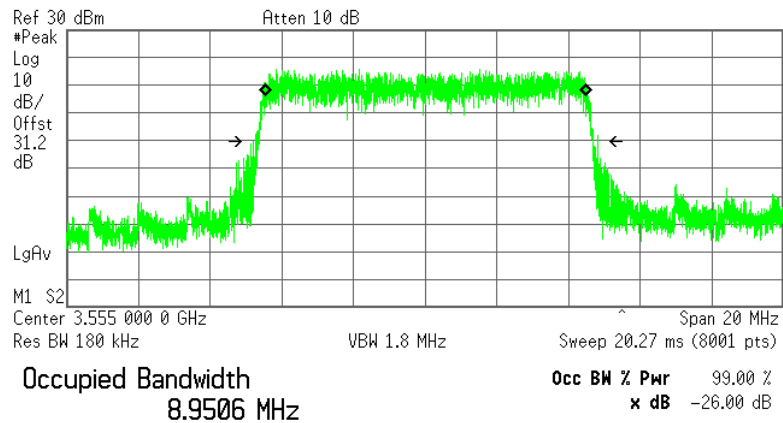
<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.1 Occupied bandwidth test result at low frequency

MODULATION: QPSK  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1

Agilent

R T



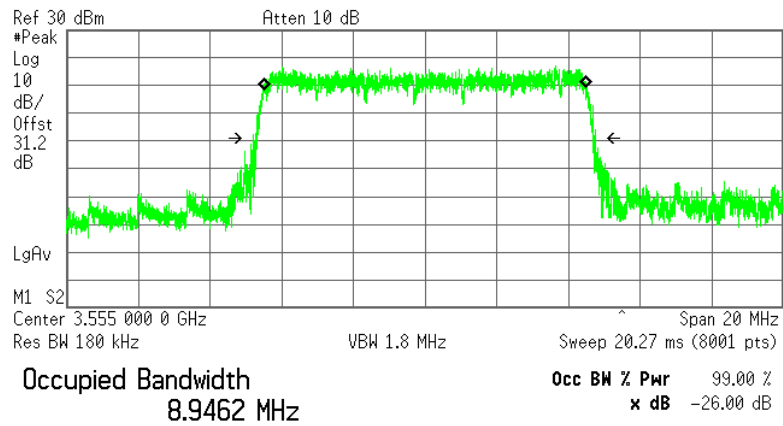
Transmit Freq Error 4.520 kHz  
x dB Bandwidth 9.617 MHz

Plot 7.3.2 Occupied bandwidth test result at low frequency

MODULATION: 16QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1

Agilent

R T



Transmit Freq Error 1.555 kHz  
x dB Bandwidth 9.549 MHz

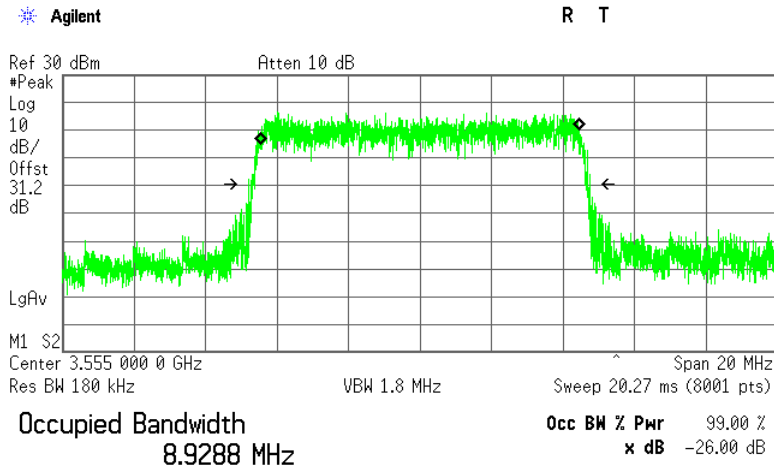


HERMON LABORATORIES

<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.3 Occupied bandwidth test result at low frequency

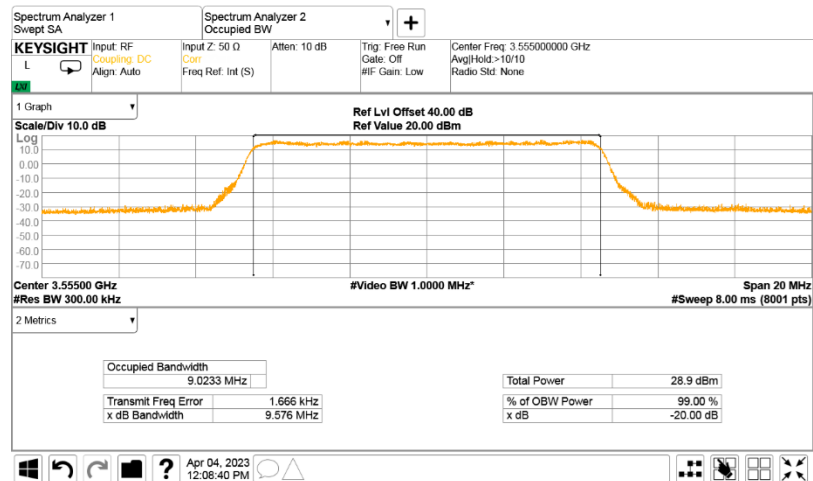
MODULATION: 64QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1



Transmit Freq Error -3.896 kHz  
x dB Bandwidth 9.548 MHz

Plot 7.3.4 Occupied bandwidth test result at low frequency

MODULATION: 256QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1







HERMON LABORATORIES

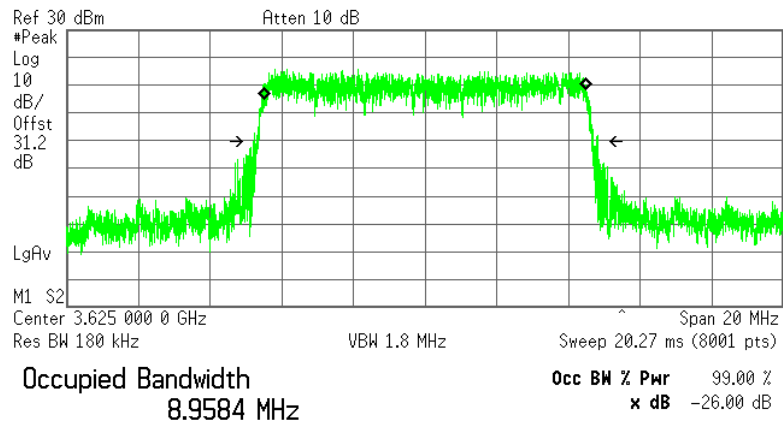
<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.5 Occupied bandwidth test result at mid frequency

MODULATION: QPSK  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1

Agilent

R T



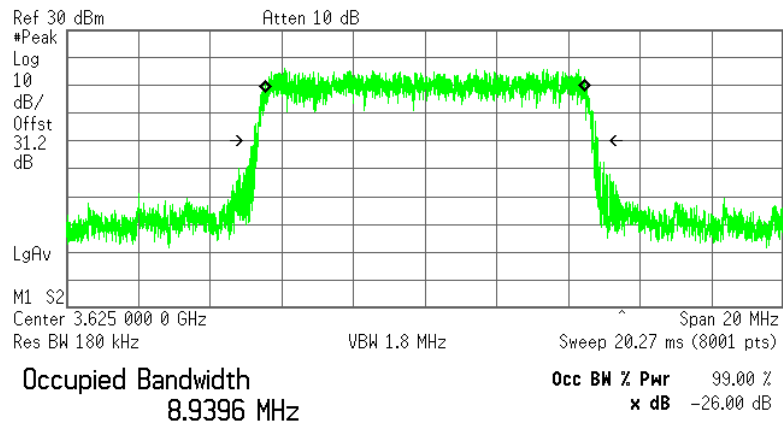
Transmit Freq Error -2.900 kHz  
x dB Bandwidth 9.565 MHz

Plot 7.3.6 Occupied bandwidth test result at mid frequency

MODULATION: 16QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1

Agilent

R T



Transmit Freq Error 910.654 Hz  
x dB Bandwidth 9.559 MHz

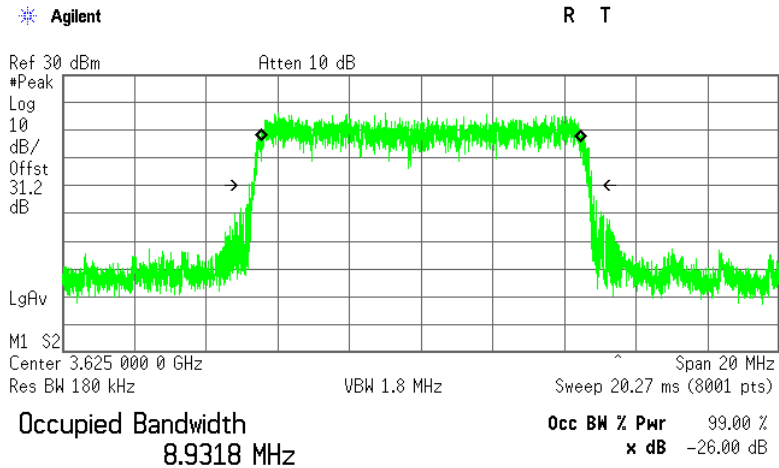


HERMON LABORATORIES

<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.7 Occupied bandwidth test result at mid frequency

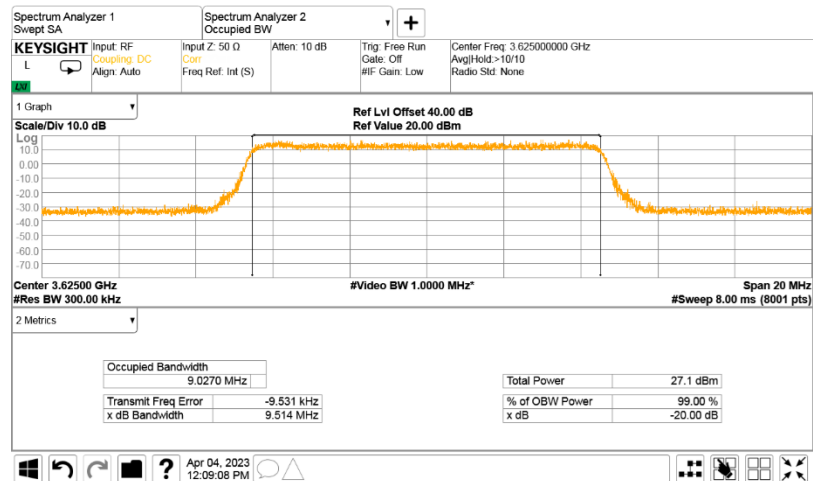
MODULATION: 64QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1



Transmit Freq Error 3.077 kHz  
x dB Bandwidth 9.549 MHz

Plot 7.3.8 Occupied bandwidth test result at mid frequency

MODULATION: 256QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1





HERMON LABORATORIES

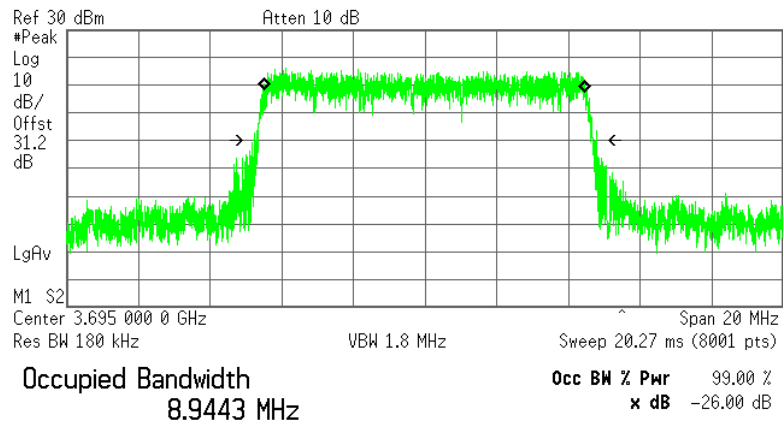
<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.9 Occupied bandwidth test result at high frequency

MODULATION: QPSK  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1

Agilent

R T



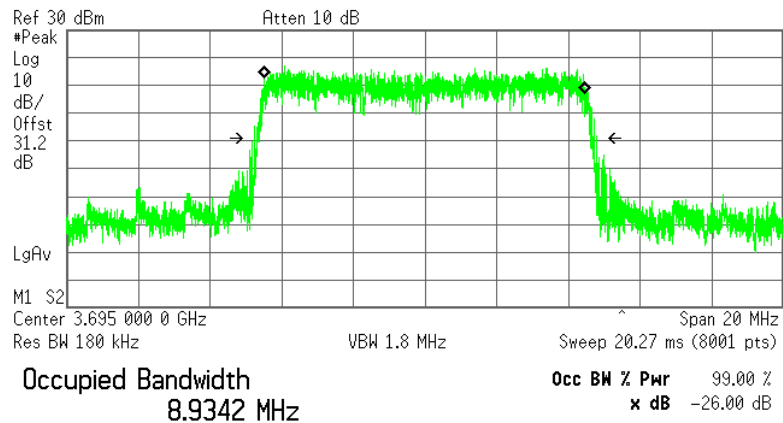
Transmit Freq Error -5.716 kHz  
x dB Bandwidth 9.563 MHz

Plot 7.3.10 Occupied bandwidth test result at high frequency

MODULATION: 16QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1

Agilent

R T



Transmit Freq Error -10.697 kHz  
x dB Bandwidth 9.550 MHz

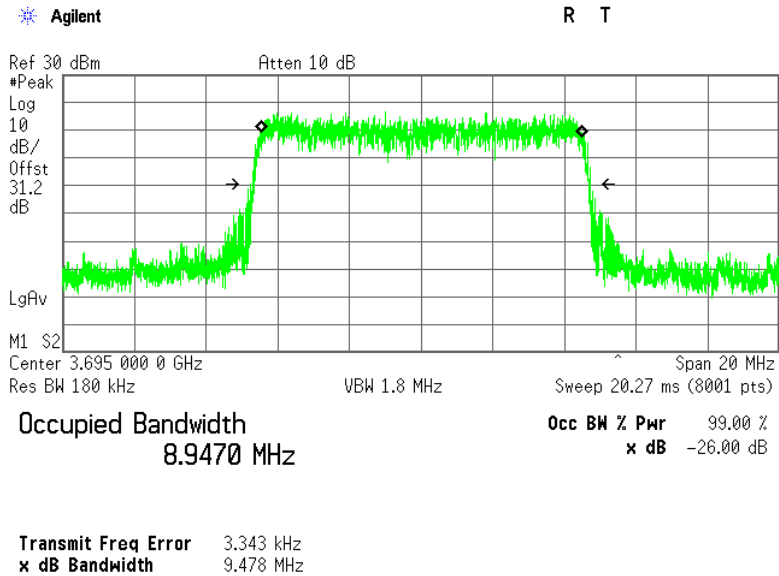


HERMON LABORATORIES

<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

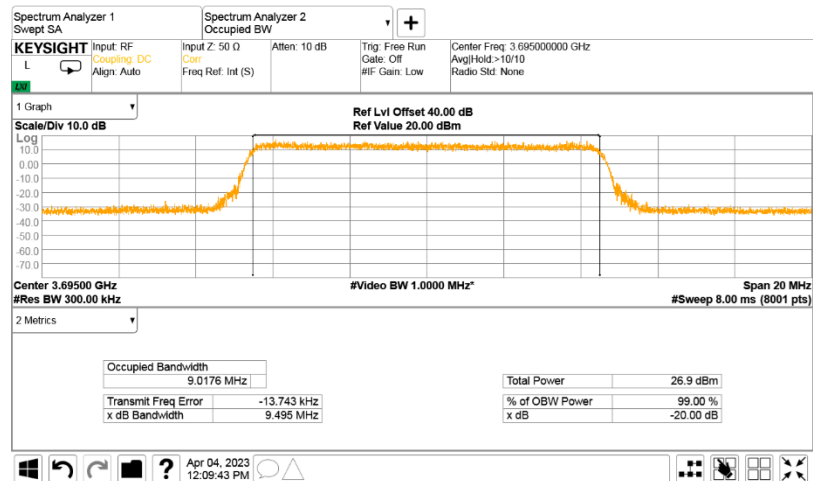
Plot 7.3.11 Occupied bandwidth test result at high frequency

MODULATION: 64QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1



Plot 7.3.12 Occupied bandwidth test result at high frequency

MODULATION: 256QAM  
CHANNEL SPACING: 10 MHz  
ANTENNA CHAIN: 1





HERMON LABORATORIES

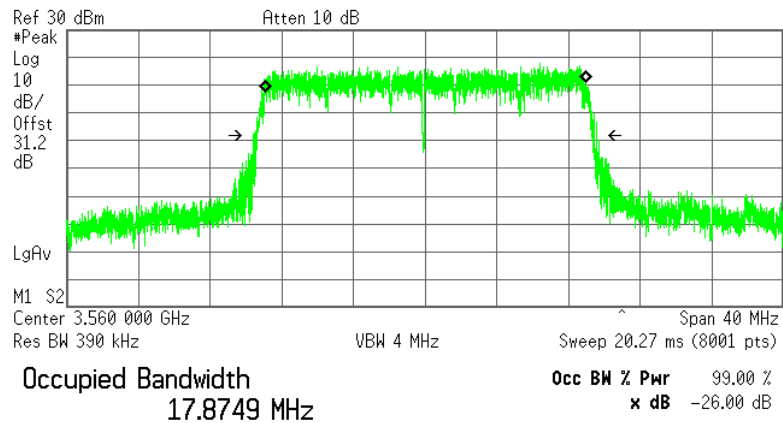
<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict:</b> PASS	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.13 Occupied bandwidth test result at low frequency

MODULATION: QPSK  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1

Agilent

R T



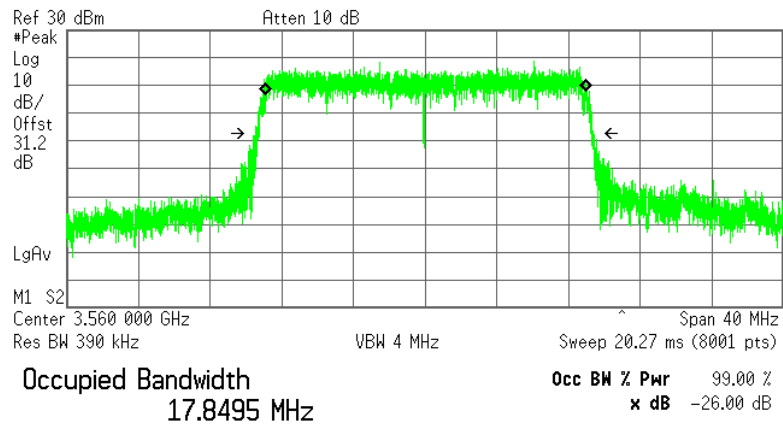
Transmit Freq Error 39.736 kHz  
x dB Bandwidth 19.151 MHz

Plot 7.3.14 Occupied bandwidth test result at low frequency

MODULATION: 16QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1

Agilent

R T



Transmit Freq Error 23.671 kHz  
x dB Bandwidth 18.874 MHz

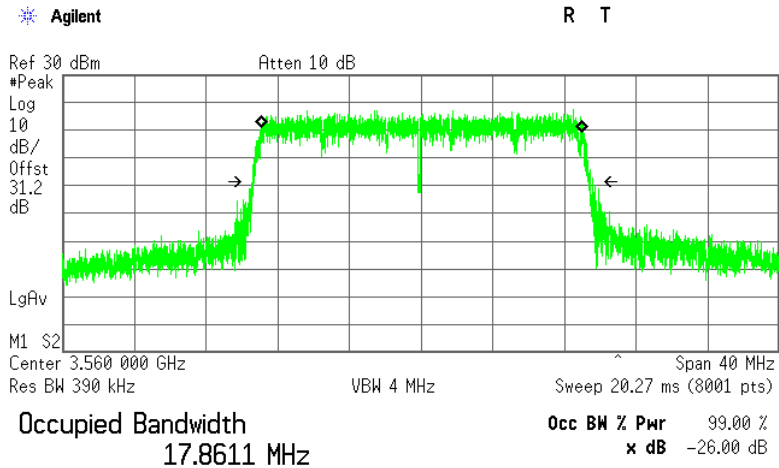


HERMON LABORATORIES

<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.15 Occupied bandwidth test result at low frequency

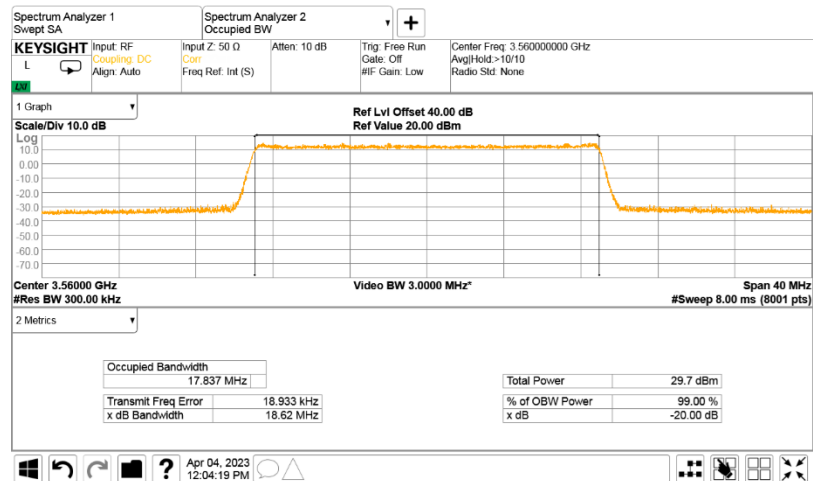
MODULATION: 64QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1



Transmit Freq Error 45.242 kHz  
x dB Bandwidth 18.972 MHz

Plot 7.3.16 Occupied bandwidth test result at low frequency

MODULATION: 256QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1





HERMON LABORATORIES

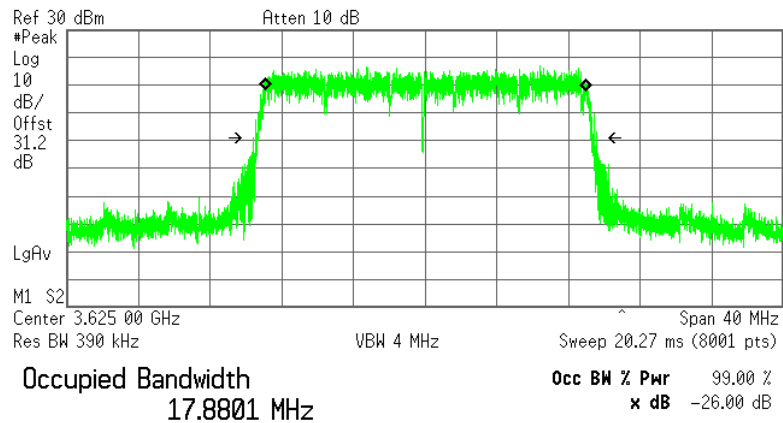
<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.17 Occupied bandwidth test result at mid frequency

MODULATION: QPSK  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1

Agilent

R T



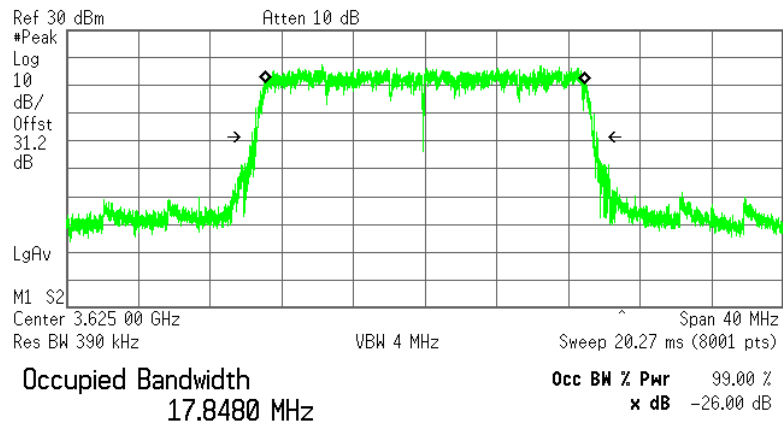
Transmit Freq Error 16.951 kHz  
Occupied Bandwidth 19.152 MHz

Plot 7.3.18 Occupied bandwidth test result at mid frequency

MODULATION: 16QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1

Agilent

R T



Transmit Freq Error 7.785 kHz  
x dB Bandwidth 19.239 MHz

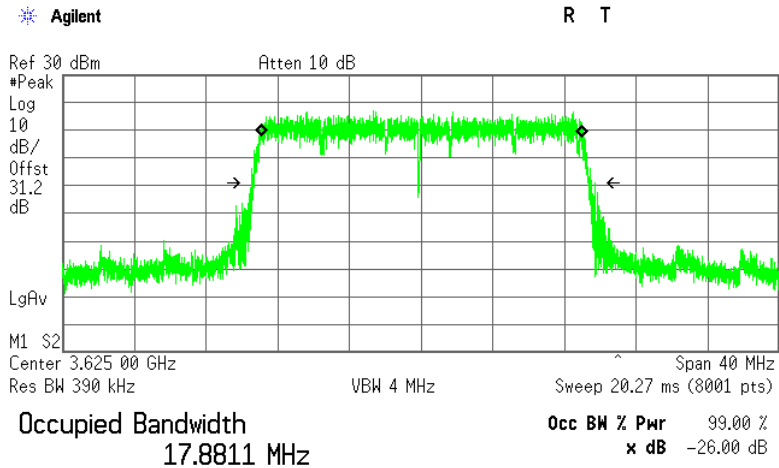


HERMON LABORATORIES

<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.19 Occupied bandwidth test result at mid frequency

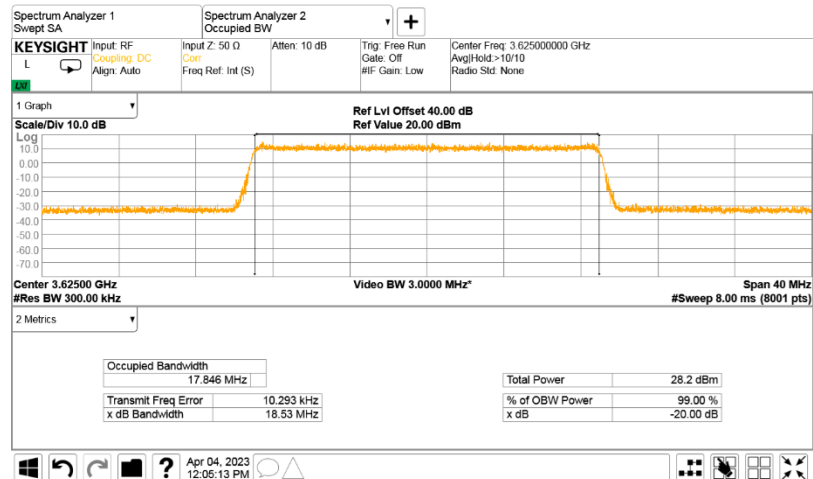
MODULATION: 64QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1



Transmit Freq Error 28.943 kHz  
x dB Bandwidth 19.154 MHz

Plot 7.3.20 Occupied bandwidth test result at mid frequency

MODULATION: 256QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1





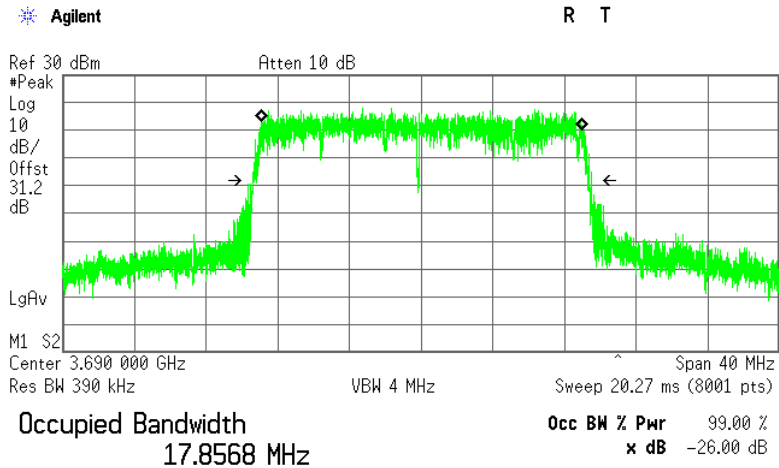


HERMON LABORATORIES

<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.21 Occupied bandwidth test result at high frequency

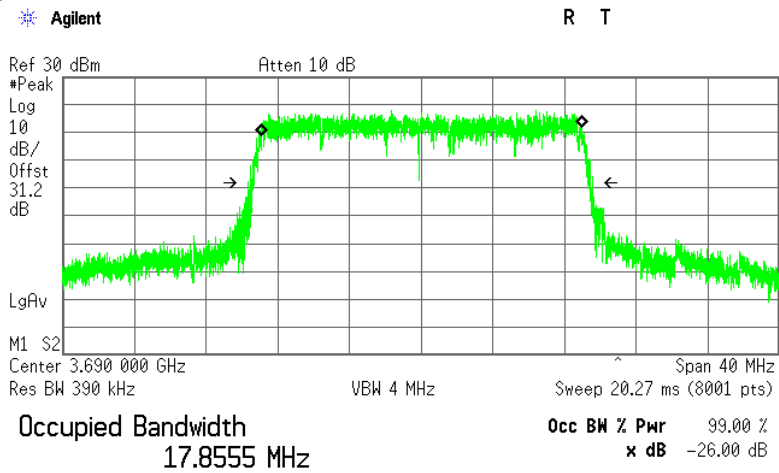
MODULATION: QPSK  
 CHANNEL SPACING: 20 MHz  
 ANTENNA CHAIN: 1



**Transmit Freq Error** 26.026 kHz  
**x dB Bandwidth** 18.882 MHz

Plot 7.3.22 Occupied bandwidth test result at high frequency

MODULATION: 16QAM  
 CHANNEL SPACING: 20 MHz  
 ANTENNA CHAIN: 1



**Transmit Freq Error** 22.294 kHz  
**x dB Bandwidth** 19.226 MHz

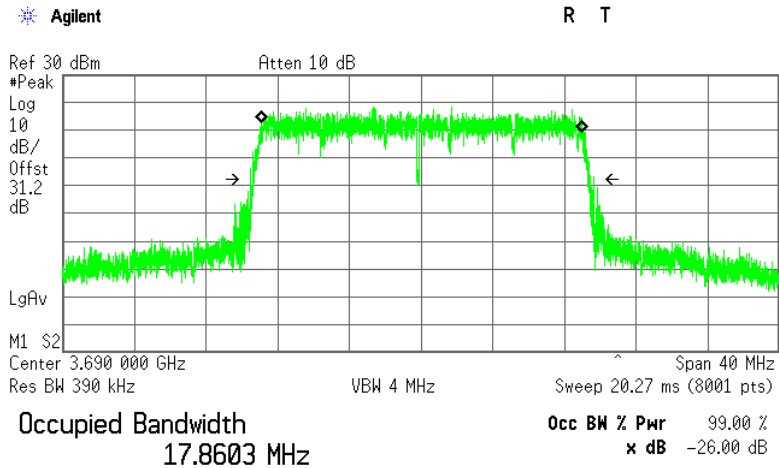


HERMON LABORATORIES

<b>Test specification: Section2.1049, Occupied bandwidth</b>			
<b>Test procedure:</b> 47 CFR, Section 2.1049			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 04-Oct-18 – 04-Apr-23			
<b>Temperature:</b> 24 °C	<b>Relative Humidity:</b> 52 %	<b>Air Pressure:</b> 1012 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.3.23 Occupied bandwidth test result at high frequency

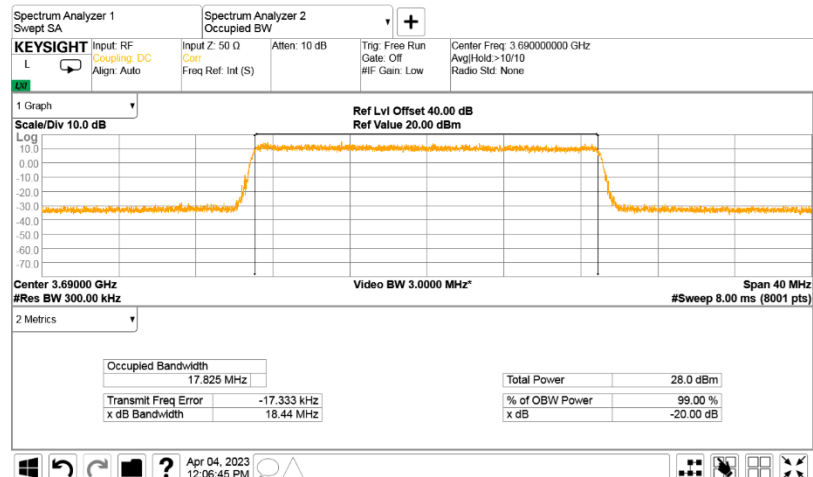
MODULATION: 64QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1



Transmit Freq Error 20.821 kHz  
x dB Bandwidth 19.151 MHz

Plot 7.3.24 Occupied bandwidth test result at high frequency

MODULATION: 256QAM  
CHANNEL SPACING: 20 MHz  
ANTENNA CHAIN: 1





<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

## 7.4 Emission outside the fundamental test

### 7.4.1 General

This test was performed to measure Emission outside the fundamental at RF antenna connector. Specification test limits are given in Table 7.4.1.

Table 7.4.1 Emission outside the fundamental limits

Frequency displacement from frequency block	Limit*, dBm/MHz	RBW, kHz
<b>Channel Spacing 10 MHz</b>		
0 – 1 MHz	- 13	100
0 – 10 MHz	- 13	1000
10 – 20 MHz	- 25	1000
Above 3530 MHz and below 3720 MHz	- 25	1000
Below 3530 MHz and above 3720 MHz	- 40	1000
<b>Channel Spacing 20 MHz</b>		
0 – 1 MHz	- 13	100
0 – 10 MHz	- 13	1000
10 – 20 MHz	- 25	1000
Above 3530 MHz and below 3720 MHz	- 25	1000
Below 3530 MHz and above 3720 MHz	- 40	1000

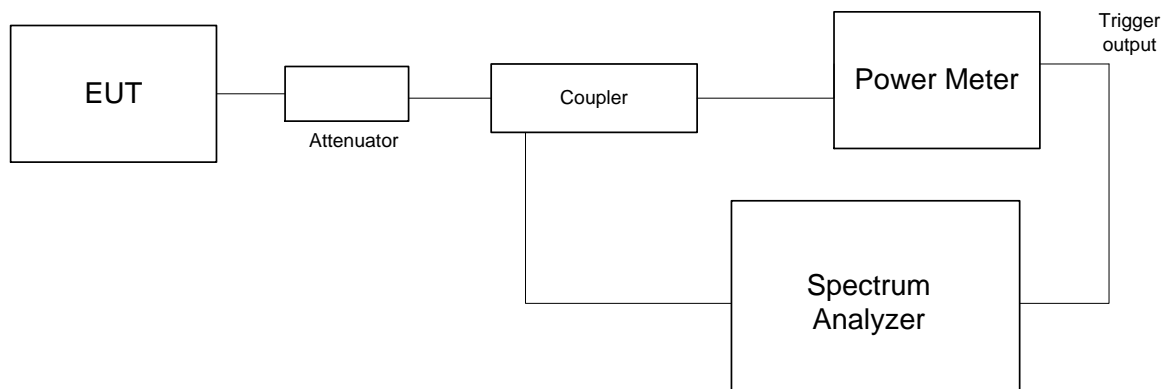
\* - Limit at each antenna connector (amount of antennas N = 2)

### 7.4.2 Test procedure

7.4.2.1 The EUT was set up as shown in Figure 7.4.1, energized and its proper operation was checked.

7.4.2.2 The Emission outside the fundamental was measured with spectrum analyzer as provided in Table 7.4.2, Table 7.4.3 and the the associated plots.

Figure 7.4.1 Emission outside the fundamental test setup





<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Table 7.4.2 Emission outside the fundamental test results

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
 DETECTOR USED: Average (gated)  
 VIDEO BANDWIDTH: ≥ Resolution bandwidth  
 NUMBER OF CHAINS: 1  
 ANTENNA PORT: Worst case  
 CHANNEL SPACING: 10MHz

Frequency MHz	Band edge	SA reading over 1 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3555.0 MHz</b>							
3530.00	Low	-54.09	-48.09	1000	-40	-8.09	Pass
3540.00	Low	-50.24	-44.24	1000	-25	-19.24	
3549.00	Low	-29.31	-23.31	1000	-13	-10.31	
3550.00	Low	-36.63	-30.63	100	-13	-17.63	
3560.00	High	-36.26	-30.26	100	-13	-17.26	
3561.00	High	-24.44	-18.44	1000	-13	-5.44	
3570.00	High	-48.24	-42.24	1000	-25	-17.24	
3720.00	High	-51.33	-45.33	1000	-40	-5.33	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.31	-47.31	1000	-40	-7.31	Pass
3610.00	Low	-46.75	-40.75	1000	-25	-15.75	
3619.00	Low	-26.15	-20.15	1000	-13	-7.15	
3620.00	Low	-34.99	-28.99	100	-13	-15.99	
3630.00	High	-35.26	-29.26	100	-13	-16.26	
3631.00	High	-26.52	-20.52	1000	-13	-7.52	
3640.00	High	-47.62	-41.62	1000	-25	-16.62	
3720.00	High	-50.10	-44.1	1000	-40	-4.1	
<b>High frequency 3695.0 MHz</b>							
3530.00	Low	-53.28	-47.28	1000	-40	-7.28	Pass
3680.00	Low	-46.21	-40.21	1000	-25	-15.21	
3689.00	Low	-24.86	-18.86	1000	-13	-5.86	
3690.00	Low	-35.15	-29.15	100	-13	-16.15	
3700.00	High	-36.45	-30.45	100	-13	-17.45	
3701.00	High	-28.45	-22.45	1000	-13	-9.45	
3710.00	High	-49.57	-43.57	1000	-25	-18.57	
3720.00	High	-50.16	-44.16	1000	-40	-4.16	

\* - SA Reading over 1 chain = Max SA reading (Chains #1&2 and #3&4)

\*\* - Total band edge = Maximum SA Reading over 1 chain + 10\*log(N) = SA reading +6 dB

\*\*\* - Margin = Total band edge – Specification limit



<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

**Table 7.4.3 Emission outside the fundamental test results**

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
 DETECTOR USED: Average (gated)  
 VIDEO BANDWIDTH: ≥ Resolution bandwidth  
 NUMBER OF CHAINS: 2  
 ANTENNA PORT: Worst case  
 CHANNEL SPACING: 10MHz

Frequency MHz	Band edge	SA reading over 2 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3555.0 MHz</b>							
3530.00	Low	-53.02	-47.02	1000	-40	-7.02	Pass
3540.00	Low	-49.18	-43.18	1000	-25	-18.18	
3549.00	Low	-31.63	-25.63	1000	-13	-12.63	
3550.00	Low	-35.65	-29.65	100	-13	-16.65	
3560.00	High	-35.73	-29.73	100	-13	-16.73	
3561.00	High	-32.91	-26.91	1000	-13	-13.91	
3570.00	High	-49.35	-43.35	1000	-25	-18.35	
3720.00	High	-50.24	-44.24	1000	-40	-4.24	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.27	-47.27	1000	-40	-7.27	Pass
3610.00	Low	-48.00	-42	1000	-25	-17	
3619.00	Low	-25.98	-19.98	1000	-13	-6.98	
3620.00	Low	-35.05	-29.05	100	-13	-16.05	
3630.00	High	-35.45	-29.45	100	-13	-16.45	
3631.00	High	-26.31	-20.31	1000	-13	-7.31	
3640.00	High	-48.87	-42.87	1000	-25	-17.87	
3720.00	High	-50.27	-44.27	1000	-40	-4.27	
<b>High frequency 3695.0 MHz</b>							
3530.00	Low	-52.10	-46.1	1000	-40	-6.1	Pass
3680.00	Low	-47.34	-41.34	1000	-25	-16.34	
3689.00	Low	-28.18	-22.18	1000	-13	-9.18	
3690.00	Low	-35.56	-29.56	100	-13	-16.56	
3700.00	High	-36.83	-30.83	100	-13	-17.83	
3701.00	High	-24.06	-18.06	1000	-13	-5.06	
3710.00	High	-49.66	-43.66	1000	-25	-18.66	
3720.00	High	-50.10	-44.1	1000	-40	-4.1	

\* - SA Reading over 1 chain = Max SA reading (Chains #1&2 and #3&4)

\*\* - Total band edge = Maximum SA Reading over 1 chain + 10\*log(N) = SA reading +6 dB

\*\*\* - Margin = Total band edge – Specification limit



<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

**Table 7.4.4 Emission outside the fundamental test results**

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
 DETECTOR USED: Average (gated)  
 VIDEO BANDWIDTH: ≥ Resolution bandwidth  
 NUMBER OF CHAINS: 3  
 ANTENNA PORT: Worst case  
 CHANNEL SPACING: 10MHz

Frequency MHz	Band edge	SA reading over 3 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3555.0 MHz</b>							
3530.00	Low	-53.07	-47.07	1000	-40	-7.07	Pass
3540.00	Low	-49.82	-43.82	1000	-25	-18.82	
3549.00	Low	-29.63	-23.63	1000	-13	-10.63	
3550.00	Low	-35.44	-29.44	100	-13	-16.44	
3560.00	High	-35.81	-29.81	100	-13	-16.81	
3561.00	High	-23.93	-17.93	1000	-13	-4.93	
3570.00	High	-48.58	-42.58	1000	-25	-17.58	
3720.00	High	-50.24	-44.24	1000	-40	-4.24	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.28	-47.28	1000	-40	-7.28	Pass
3610.00	Low	-48.63	-42.63	1000	-25	-17.63	
3619.00	Low	-25.74	-19.74	1000	-13	-6.74	
3620.00	Low	-34.59	-28.59	100	-13	-15.59	
3630.00	High	-34.77	-28.77	100	-13	-15.77	
3631.00	High	-26.11	-20.11	1000	-13	-7.11	
3640.00	High	-48.19	-42.19	1000	-25	-17.19	
3720.00	High	-50.25	-44.25	1000	-40	-4.25	
<b>High frequency 3695.0 MHz</b>							
3530.00	Low	-53.39	-47.39	1000	-40	-7.39	Pass
3680.00	Low	-45.81	-39.81	1000	-25	-14.81	
3689.00	Low	-28.60	-22.6	1000	-13	-9.6	
3690.00	Low	-34.67	-28.67	100	-13	-15.67	
3700.00	High	-36.14	-30.14	100	-13	-17.14	
3701.00	High	-24.12	-18.12	1000	-13	-5.12	
3710.00	High	-49.26	-43.26	1000	-25	-18.26	
3720.00	High	-50.14	-44.14	1000	-40	-4.14	

\* - SA Reading over 1 chain = Max SA reading (Chains #1&2 and #3&4)  
 \*\* - Total band edge = Maximum SA Reading over 1 chain + 10\*log(N) = SA reading +6 dB  
 \*\*\* - Margin = Total band edge – Specification limit



<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

**Table 7.4.5 Emission outside the fundamental test results**

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
 DETECTOR USED: Average (gated)  
 VIDEO BANDWIDTH: ≥ Resolution bandwidth  
 NUMBER OF CHAINS: 4  
 ANTENNA PORT: Worst case  
 CHANNEL SPACING: 10MHz

Frequency MHz	Band edge	SA reading over 4 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3555.0 MHz</b>							
3530.00	Low	-53.18	-47.18	1000	-40	-7.18	Pass
3540.00	Low	-48.87	-42.87	1000	-25	-17.87	
3549.00	Low	-24.32	-18.32	1000	-13	-5.32	
3550.00	Low	-35.13	-29.13	100	-13	-16.13	
3560.00	High	-35.11	-29.11	100	-13	-16.11	
3561.00	High	-27.61	-21.61	1000	-13	-8.61	
3570.00	High	-46.98	-40.98	1000	-25	-15.98	
3720.00	High	-50.28	-44.28	1000	-40	-4.28	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.35	-47.35	1000	-40	-7.35	Pass
3610.00	Low	-47.00	-41	1000	-25	-16	
3619.00	Low	-25.82	-19.82	1000	-13	-6.82	
3620.00	Low	-34.29	-28.29	100	-13	-15.29	
3630.00	High	-34.77	-28.77	100	-13	-15.77	
3631.00	High	-25.91	-19.91	1000	-13	-6.91	
3640.00	High	-48.00	-42	1000	-25	-17	
3720.00	High	-50.26	-44.26	1000	-40	-4.26	
<b>High frequency 3695.0 MHz</b>							
3530.00	Low	-52.06	-46.06	1000	-40	-6.06	Pass
3680.00	Low	-46.90	-40.9	1000	-25	-15.9	
3689.00	Low	-23.33	-17.33	1000	-13	-4.33	
3690.00	Low	-34.51	-28.51	100	-13	-15.51	
3700.00	High	-35.40	-29.4	100	-13	-16.4	
3701.00	High	-27.58	-21.58	1000	-13	-8.58	
3710.00	High	-49.14	-43.14	1000	-25	-18.14	
3720.00	High	-50.02	-44.02	1000	-40	-4.02	

\* - SA Reading over 1 chain = Max SA reading (Chains #1&2 and #3&4)  
 \*\* - Total band edge = Maximum SA Reading over 1 chain + 10\*log(N) = SA reading +6 dB  
 \*\*\* - Margin = Total band edge – Specification limit



<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

**Table 7.4.6 Emission outside the fundamental test results**

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
 DETECTOR USED: Average (gated)  
 VIDEO BANDWIDTH: ≥ Resolution bandwidth  
 NUMBER OF CHAINS: 1  
 ANTENNA PORT: Worst case  
 CHANNEL SPACING: 20MHz

Frequency MHz	Band edge	SA reading over 1 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3560.0 MHz</b>							
3530.00	Low	-51.45	-45.45	1000	-40	-5.45	Pass
3540.00	Low	-44.66	-38.66	1000	-25	-13.66	
3549.00	Low	-38.00	-32.00	1000	-13	-19.00	
3550.00	Low	-47.68	-41.68	200	-13	-28.68	
3570.00	High	-47.47	-41.47	200	-13	-28.47	
3571.00	High	-37.26	-31.26	1000	-13	-18.26	
3580.00	High	-40.45	-34.45	1000	-25	-9.45	
3720.00	High	-50.13	-44.13	1000	-40	-4.13	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.28	-47.28	1000	-40	-7.28	Pass
3605.00	Low	-42.68	-36.68	1000	-25	-11.68	
3614.00	Low	-38.36	-32.36	1000	-13	-19.36	
3615.00	Low	-48.54	-42.54	200	-13	-29.54	
3635.00	High	-48.91	-42.91	200	-13	-29.91	
3636.00	High	-38.96	-32.96	1000	-13	-19.96	
3645.00	High	-42.24	-36.24	1000	-25	-11.24	
3720.00	High	-50.30	-44.3	1000	-40	-4.30	
<b>High frequency 3690.0 MHz</b>							
3530.00	Low	-53.32	-47.32	1000	-40	-7.32	Pass
3670.00	Low	-42.43	-36.43	1000	-25	-11.43	
3679.00	Low	-37.65	-31.65	1000	-13	-18.65	
3680.00	Low	-47.74	-41.74	200	-13	-28.74	
3700.00	High	-48.82	-42.82	200	-13	-29.82	
3701.00	High	-40.57	-34.57	1000	-13	-21.57	
3710.00	High	-47.40	-41.4	1000	-25	-16.40	
3720.00	High	-50.31	-44.31	1000	-40	-4.31	

\* - SA Reading over 1 chain = Max SA reading (Chains #1&2 and #3&4)

\*\* - Total band edge = Maximum SA Reading over 1 chain + 10\*log(N) = SA reading +6 dB

\*\*\* - Margin = Total band edge – Specification limit





<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

**Table 7.4.7 Emission outside the fundamental test results**

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
 DETECTOR USED: Average (gated)  
 VIDEO BANDWIDTH: ≥ Resolution bandwidth  
 NUMBER OF CHAINS: 2  
 ANTENNA PORT: Worst case  
 CHANNEL SPACING: 20MHz

Frequency MHz	Band edge	SA reading over 2 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3560.0 MHz</b>							
3530.00	Low	-51.14	-45.14	1000	-40	-5.14	Pass
3540.00	Low	-46.73	-40.73	1000	-25	-15.73	
3549.00	Low	-39.47	-33.47	1000	-13	-20.47	
3550.00	Low	-48.78	-42.78	200	-13	-29.78	
3570.00	High	-47.01	-41.01	200	-13	-28.01	
3571.00	High	-37.81	-31.81	1000	-13	-18.81	
3580.00	High	-42.47	-36.47	1000	-25	-11.47	
3720.00	High	-50.03	-44.03	1000	-40	-4.03	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.29	-47.29	1000	-40	-7.29	Pass
3605.00	Low	-42.88	-36.88	1000	-25	-11.88	
3614.00	Low	-37.53	-31.53	1000	-13	-18.53	
3615.00	Low	-48.59	-42.59	200	-13	-29.59	
3635.00	High	-47.45	-41.45	200	-13	-28.45	
3636.00	High	-37.24	-31.24	1000	-13	-18.24	
3645.00	High	-43.14	-37.14	1000	-25	-12.14	
3720.00	High	-50.33	-44.33	1000	-40	-4.33	
<b>High frequency 3690.0 MHz</b>							
3530.00	Low	-53.38	-47.38	1000	-40	-7.38	Pass
3670.00	Low	-40.87	-34.87	1000	-25	-9.87	
3679.00	Low	-35.02	-29.02	1000	-13	-16.02	
3680.00	Low	-46.50	-40.5	200	-13	-27.5	
3700.00	High	-46.47	-40.47	200	-13	-27.47	
3701.00	High	-35.94	-29.94	1000	-13	-16.94	
3710.00	High	-47.09	-41.09	1000	-25	-16.09	
3720.00	High	-50.34	-44.34	1000	-40	-4.34	



<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Table 7.4.8 Emission outside the fundamental test results

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
DETECTOR USED: Average (gated)  
VIDEO BANDWIDTH: ≥ Resolution bandwidth  
NUMBER OF CHAINS: 3  
ANTENNA PORT: Worst case  
CHANNEL SPACING: 20MHz

Frequency MHz	Band edge	SA reading over 3 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3560.0 MHz</b>							
3530.00	Low	-50.98	-44.98	1000	-40	-4.98	Pass
3540.00	Low	-45.22	-39.22	1000	-25	-14.22	
3549.00	Low	-38.60	-32.6	1000	-13	-19.6	
3550.00	Low	-48.45	-42.45	200	-13	-29.45	
3570.00	High	-48.30	-42.3	200	-13	-29.3	
3571.00	High	-38.87	-32.87	1000	-13	-19.87	
3580.00	High	-41.16	-35.16	1000	-25	-10.16	
3720.00	High	-50.04	-44.04	1000	-40	-4.04	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.28	-47.28	1000	-40	-7.28	Pass
3605.00	Low	-42.96	-36.96	1000	-25	-11.96	
3614.00	Low	-36.28	-30.28	1000	-13	-17.28	
3615.00	Low	-47.85	-41.85	200	-13	-28.85	
3635.00	High	-49.53	-43.53	200	-13	-30.53	
3636.00	High	-39.74	-33.74	1000	-13	-20.74	
3645.00	High	-42.54	-36.54	1000	-25	-11.54	
3720.00	High	-50.17	-44.17	1000	-40	-4.17	
<b>High frequency 3690.0 MHz</b>							
3530.00	Low	-53.19	-47.19	1000	-40	-7.19	Pass
3670.00	Low	-41.93	-35.93	1000	-25	-10.93	
3679.00	Low	-37.19	-31.19	1000	-13	-18.19	
3680.00	Low	-47.72	-41.72	200	-13	-28.72	
3700.00	High	-47.81	-41.81	200	-13	-28.81	
3701.00	High	-37.92	-31.92	1000	-13	-18.92	
3710.00	High	-48.77	-42.77	1000	-25	-17.77	
3720.00	High	-50.22	-44.22	1000	-40	-4.22	



<b>Test specification: Section 96.41(e), Emission mask</b>			
<b>Test procedure:</b> Section 96.41(e)(3)			
<b>Test mode:</b> Compliance		<b>Verdict: PASS</b>	
<b>Date(s):</b> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Table 7.4.9 Emission outside the fundamental test results

ASSIGNED FREQUENCY RANGE: 3550.0 –3700.0 MHz  
 DETECTOR USED: Average (gated)  
 VIDEO BANDWIDTH: ≥ Resolution bandwidth  
 NUMBER OF CHAINS: 4  
 ANTENNA PORT: Worst case  
 CHANNEL SPACING: 20MHz

Frequency MHz	Band edge	SA reading over 4 chain, dBm	Total band edge*, dBm	RBW, kHz	Limit, dBm	Margin, dB	Verdict
<b>256 QAM</b>							
<b>Low frequency 3560.0 MHz</b>							
3530.00	Low	-51.65	-45.65	1000	-40	-5.65	Pass
3540.00	Low	-45.01	-39.01	1000	-25	-14.01	
3549.00	Low	-38.21	-32.21	1000	-13	-19.21	
3550.00	Low	-46.14	-40.14	200	-13	-27.14	
3570.00	High	-44.37	-38.37	200	-13	-25.37	
3571.00	High	-37.17	-31.17	1000	-13	-18.17	
3580.00	High	-41.30	-35.3	1000	-25	-10.3	
3720.00	High	-50.13	-44.13	1000	-40	-4.13	
<b>Mid frequency 3625.0 MHz</b>							
3530.00	Low	-53.36	-47.36	1000	-40	-7.36	Pass
3605.00	Low	-42.66	-36.66	1000	-25	-11.66	
3614.00	Low	-36.92	-30.92	1000	-13	-17.92	
3615.00	Low	-48.42	-42.42	200	-13	-29.42	
3635.00	High	-48.40	-42.4	200	-13	-29.4	
3636.00	High	-37.23	-31.23	1000	-13	-18.23	
3645.00	High	-43.65	-37.65	1000	-25	-12.65	
3720.00	High	-50.16	-44.16	1000	-40	-4.16	
<b>High frequency 3690.0 MHz</b>							
3530.00	Low	-52.00	-46.00	1000	-40	-6.00	Pass
3670.00	Low	-38.25	-32.25	1000	-25	-7.25	
3679.00	Low	-32.67	-26.67	1000	-13	-13.67	
3680.00	Low	-44.72	-38.72	200	-13	-25.72	
3700.00	High	-43.82	-37.82	200	-13	-24.82	
3701.00	High	-32.91	-26.91	1000	-13	-13.91	
3710.00	High	-44.67	-38.67	1000	-25	-13.67	
3720.00	High	-50.01	-44.01	1000	-40	-4.01	

Reference numbers of test equipment used

HL 3301	HL 3302	HL 4355	HL 4366	HL 6143		
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Full description is given in Appendix A.



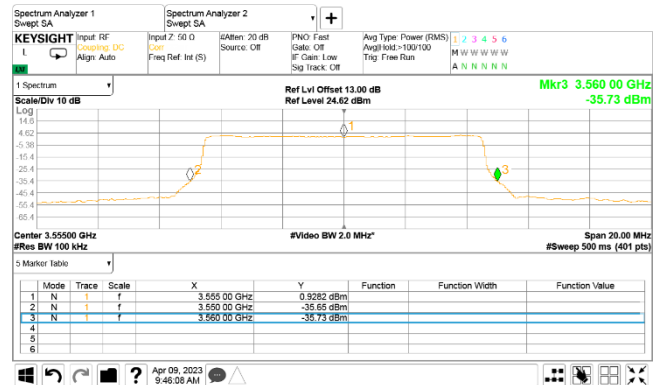
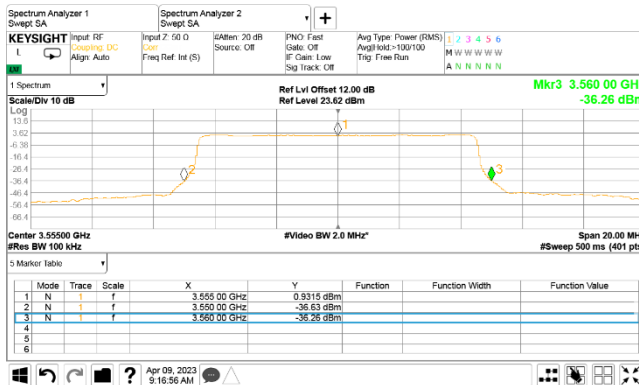
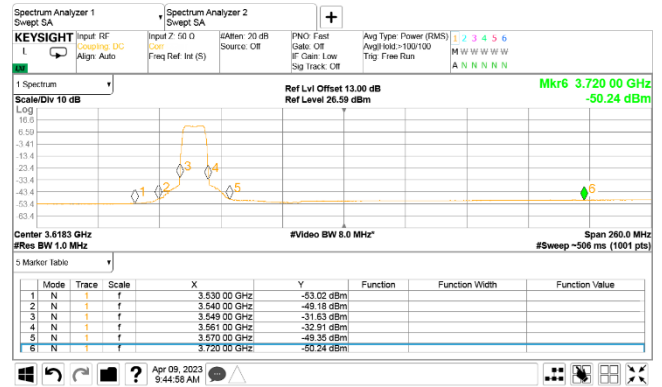
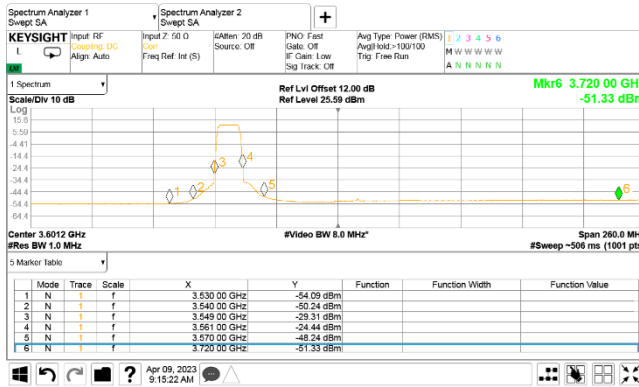
HERMON LABORATORIES

<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> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.4.1 Emission mask test results at low carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN 1:  
Modulation: 256QAM

10 MHz  
ANTENNA CHAIN 1:  
Modulation: 256QAM





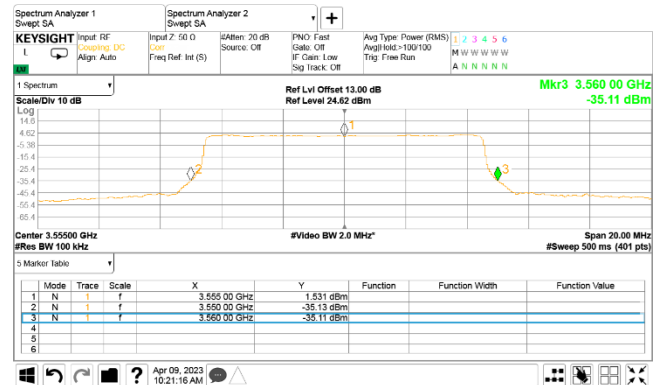
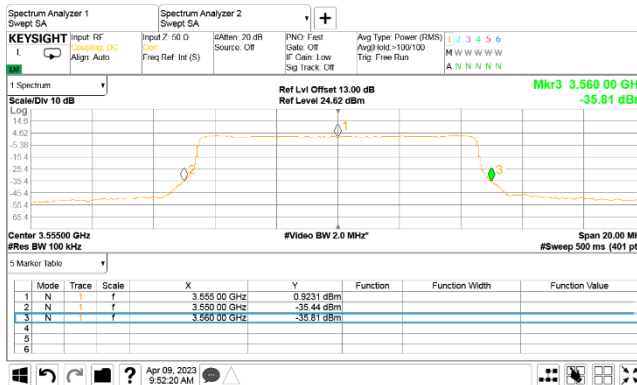
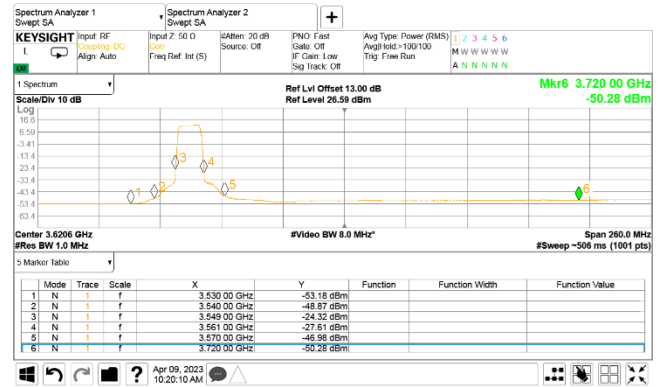
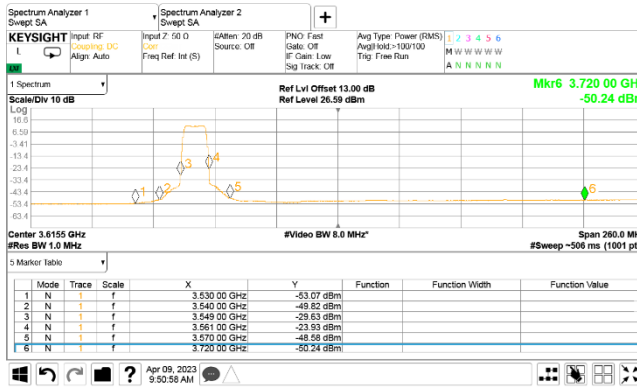
HERMON LABORATORIES

<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> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.4.2 Emission mask test results at low carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN 3:  
Modulation: 256QAM

10 MHz  
ANTENNA CHAIN 4:  
Modulation: 256QAM





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> 09-Apr-23			
<b>Temperature:</b> 24.2 °C	<b>Relative Humidity:</b> 49 %	<b>Air Pressure:</b> 1010 hPa	<b>Power:</b> 48 VDC
<b>Remarks:</b>			

Plot 7.4.3 Emission mask test results at mid carrier frequency

CHANNEL SPACING:  
ANTENNA CHAIN 1:  
Modulation: 256QAM

10 MHz  
ANTENNA CHAIN 2:  
Modulation: 256QAM

