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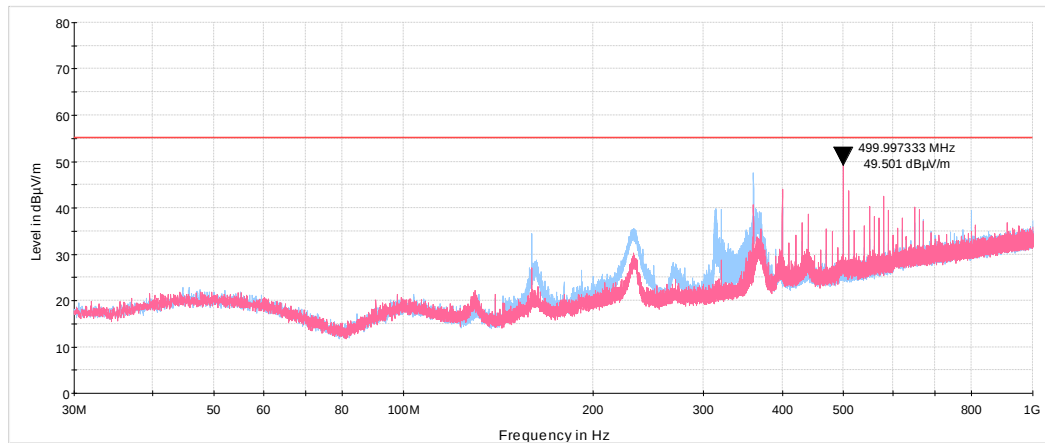
Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

Test specification: Section 96.41(e)(2), Radiated spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21			
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

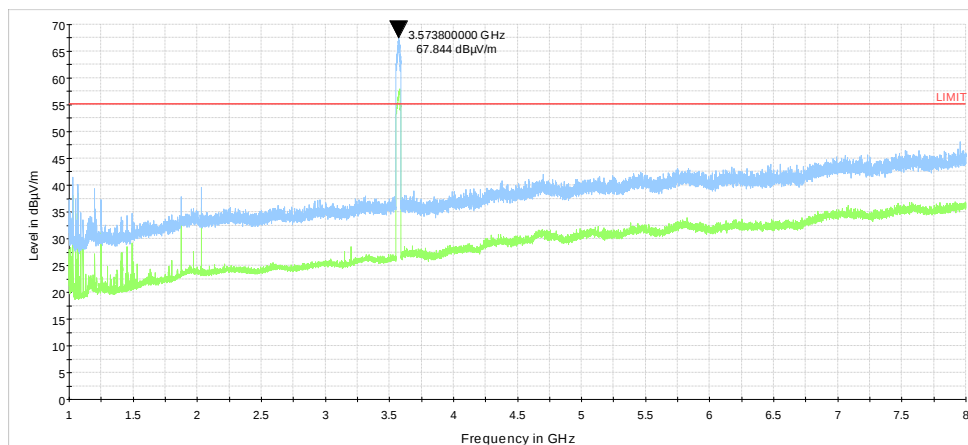
Plot 7.5.6 Radiated emission measurements in 30 - 1000 MHz range

TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: High
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m



Plot 7.5.7 Radiated emission measurements in 1000 – 8000 MHz range

TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: Low
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m



Note: 3573.8 MHz is low fundamental frequency



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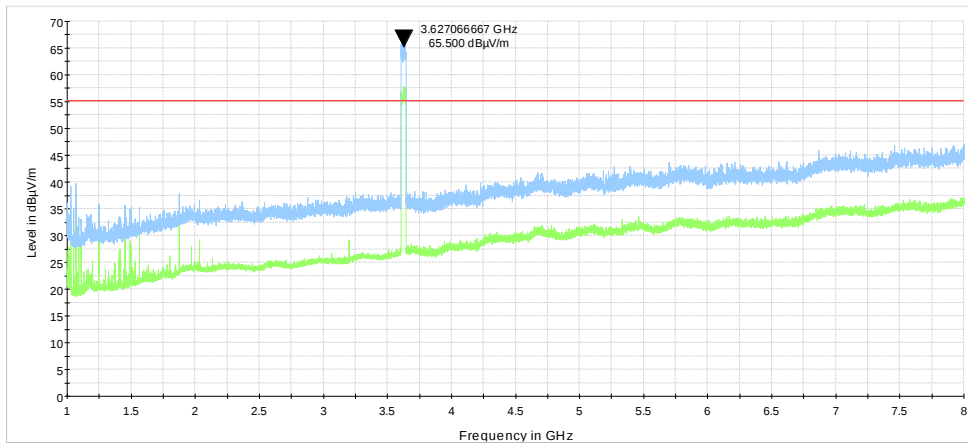
Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(2), Radiated spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21			
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.5.8 Radiated emission measurements in 1000 – 8000 MHz range

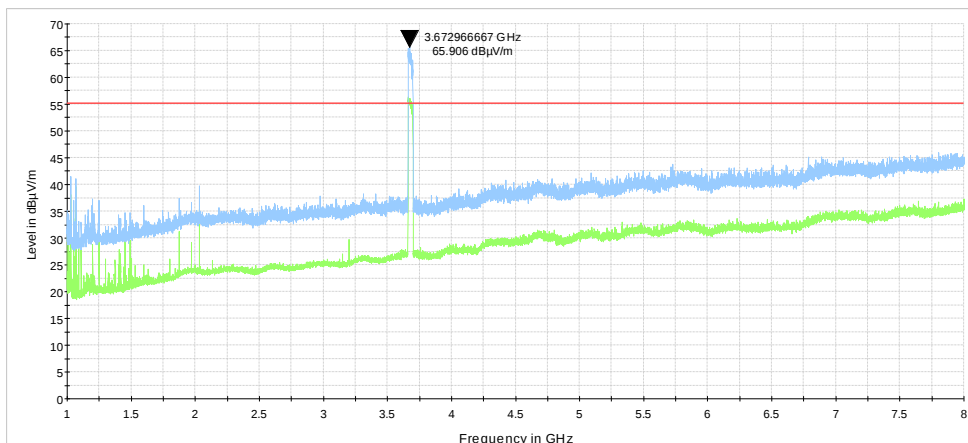
TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: Mid
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m



Note: 3627.06 MHz is mid fundamental frequency

Plot 7.5.9 Radiated emission measurements in 1000 – 8000 MHz range

TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: High
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m



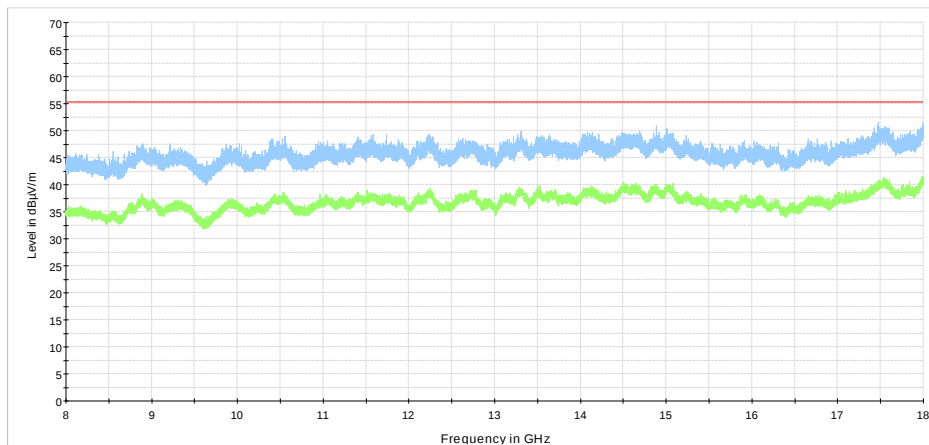
Note: 3672.9 MHz is high fundamental frequency



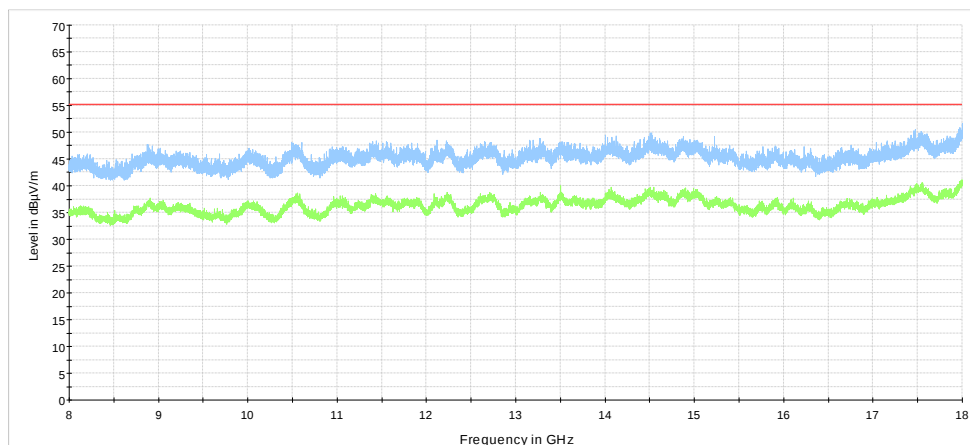
Test specification: Section 96.41(e)(2), Radiated spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21			
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.5.10 Radiated emission measurements in 8000 – 18000 MHz range

TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: Low
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m

**Plot 7.5.11 Radiated emission measurements in 8000 – 18000 MHz range**

TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: Mid
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m





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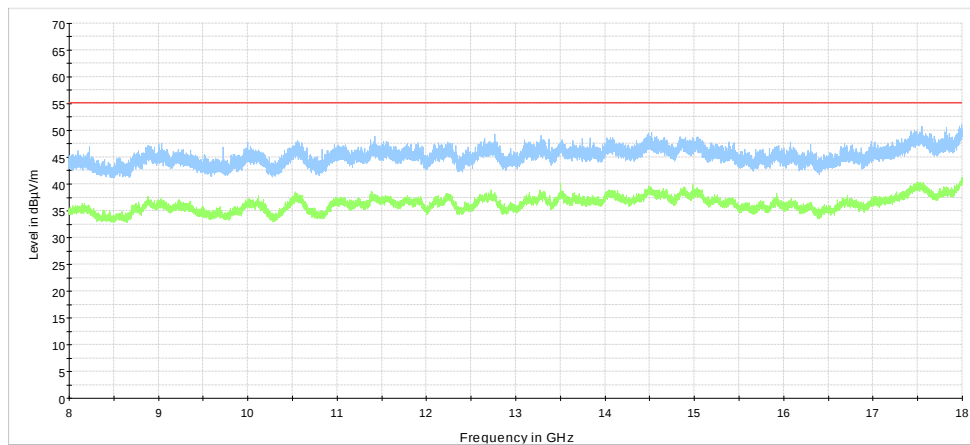
Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

Test specification: Section 96.41(e)(2), Radiated spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21			
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

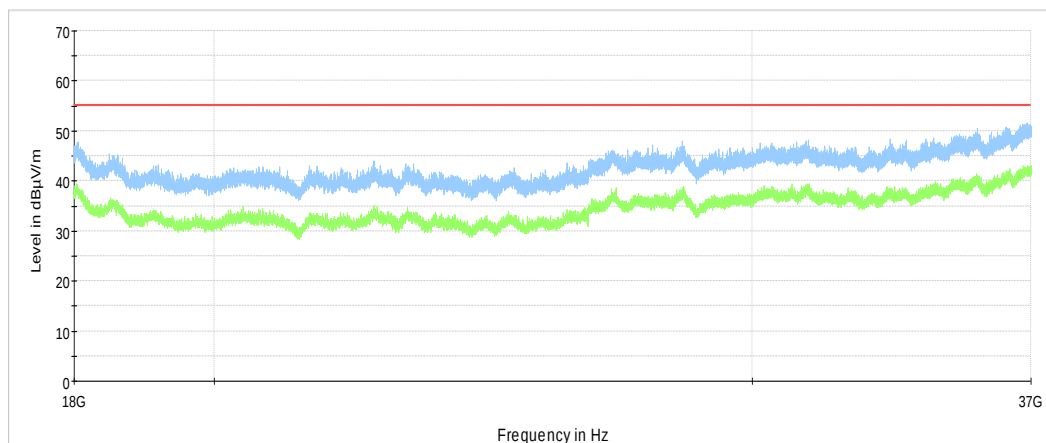
Plot 7.5.12 Radiated emission measurements in 8000 – 18000 MHz range

TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: High
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m



Plot 7.5.13 Radiated emission measurements in 18000 – 37000 MHz range

TEST SITE: Semi anechoic chamber
CARRIER FREQUENCY: Low
ANTENNA POLARIZATION: Vertical and Horizontal
TEST DISTANCE: 3 m

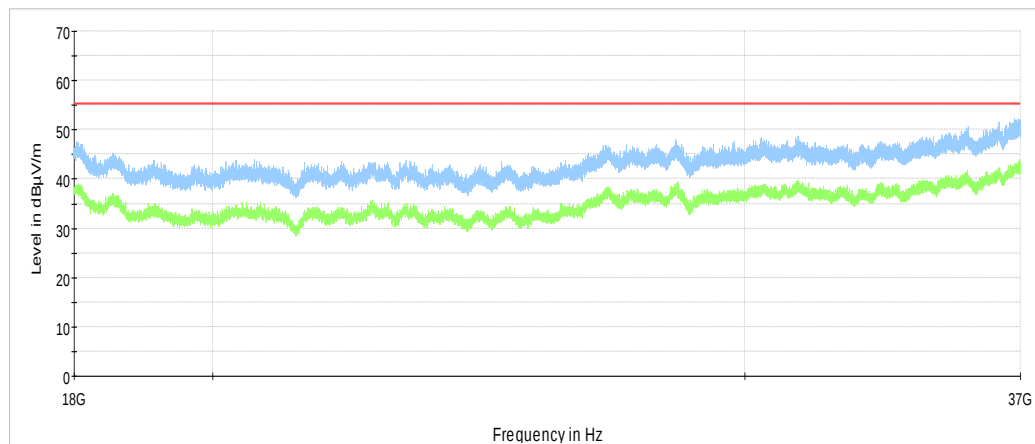




Test specification: Section 96.41(e)(2), Radiated spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21			
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

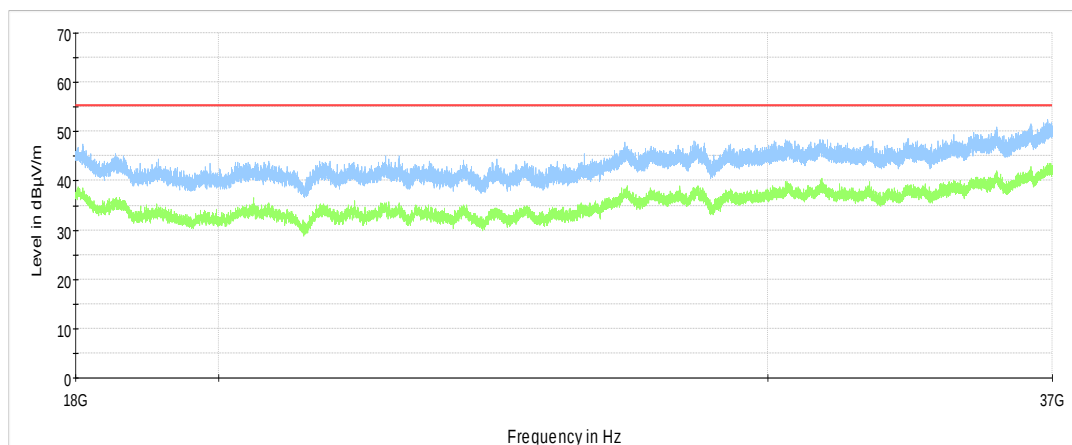
Plot 7.5.14 Radiated emission measurements in 18000 –37000 MHz range

TEST SITE:	Semi anechoic chamber
CARRIER FREQUENCY:	Mid
ANTENNA POLARIZATION:	Vertical and Horizontal
TEST DISTANCE:	3 m



Plot 7.5.15 Radiated emission measurements in 18000 –37000 MHz range

TEST SITE:	Semi anechoic chamber
CARRIER FREQUENCY:	High
ANTENNA POLARIZATION:	Vertical and Horizontal
TEST DISTANCE:	3 m





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:			

7.6 Spurious emissions at RF antenna connector test

7.6.1 General

This test was performed to measure spurious emissions at RF antenna connector. Specification test limits are given in Table 7.6.1.

Table 7.6.1 Spurious emission limits

Frequency, MHz	Conducted power of spurious, dBm/MHz
0.009– below 3530.0	-40.0
3720.0 – 10th harmonic*	-40.0

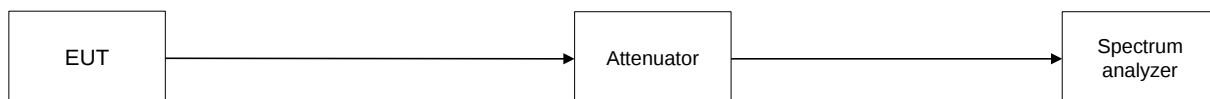
7.6.2 Test procedure

7.6.2.1 The EUT was set up as shown in Figure 7.6.1, energized and its proper operation was checked.

7.6.2.2 The EUT was adjusted to produce maximum available for end user RF output power.

7.6.2.3 The spurious emission was measured with spectrum analyzer as provided in Table 7.6.2 and associated plots.

Figure 7.6.1 Spurious emission test setup





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:			

Table 7.6.2 Spurious emission test results

ASSIGNED FREQUENCY RANGE: 3550 - 3700 MHz
 INVESTIGATED FREQUENCY RANGE: 0.009 – 37000 MHz
 DETECTOR USED: Peak
 VIDEO BANDWIDTH: ≥ Resolution bandwidth
 MODULATION: QPSK
 TRANSMITTER OUTPUT POWER SETTINGS: Maximum
 NUMBER ANTENNA PORTS: N = 4

NUMBER ANTENNA PORTS: 1					
Frequency, MHz	Average power (RMS)				Verdict
	Maximun emission per chain, dBm**	Total emission, dBm***	Limit, dBm	Margin, dB*	
Channel bandwidth 10 MHz					
Low carrier frequency 3555 MHz					
3058.87	-53.59	-47.59	-40.00	-7.59	Pass
Mid carrier frequency 3625 MHz					
3073.32	-53.37	-47.37	-40.00	-7.37	Pass
High carrier frequency 3695 MHz					
3099.05	-53.52	-47.52	-40.00	-7.52	Pass
Channel bandwidth 20 MHz					
Low carrier frequency 3560 MHz					
3067.03	-53.43	-47.43	40.00	-7.43	Pass
Mid carrier frequency 3625 MHz					
3024.91	-53.52	-47.52	-40.00	-7.52	Pass
High carrier frequency 3690 MHz					
3730.08	-50.69	-44.69	-40.00	-4.69	Pass



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:			

Table 7.6.3 Spurious emission test results

ASSIGNED FREQUENCY RANGE: 3550 - 3700 MHz
 INVESTIGATED FREQUENCY RANGE: 0.009 – 37000 MHz
 DETECTOR USED: Peak
 VIDEO BANDWIDTH: ≥ Resolution bandwidth
 MODULATION: QPSK
 TRANSMITTER OUTPUT POWER SETTINGS: Maximum
 NUMBER ANTENNA PORTS: N = 4

Frequency, MHz	Average power (RMS)				Verdict
	Measured, dBm	Total, dBm***	Limit, dBm*	Margin, dB**	
Channel bandwidth 30 MHz					
Low carrier frequency 3565 MHz					
3529.779	-51.63	-45.63	-40.00	-5.63	Pass
Mid carrier frequency 3625 MHz					
0.015	-51.93	-45.93	-40.00	-5.93	Pass
High carrier frequency 3685 MHz					
3720.740	-49.12	-43.12	-40.00	-3.12	Pass
Channel bandwidth 40 MHz					
Low carrier frequency 3570 MHz					
3529.82	-54.99	-48.99	-40.00	-8.99	Pass
Mid carrier frequency 3625 MHz					
3720.57	-51.89	-45.89	-40.00	-5.89	Pass
High carrier frequency 3680 MHz					
3720.11	-46.51	-40.51	-40.00	-0.51	Pass

*- Margin = Total spurious emission - specification limit.

** - Total emission = Maximum emission per chain + 10*log(N)

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

Reference numbers of test equipment used

HL 3287	HL 3301	HL 3302	HL 5233	HL 3356	HL 3433	HL 3434	HL 3435
HL 3818	HL 4355	HL 1295	HL 5174	HL 5286	HL 5409	HL 5611	HL1936
HL 5637	HL 5642	HL 3355	HL 3357	HL 1294	HL 5232		

Full description is given in Appendix A.



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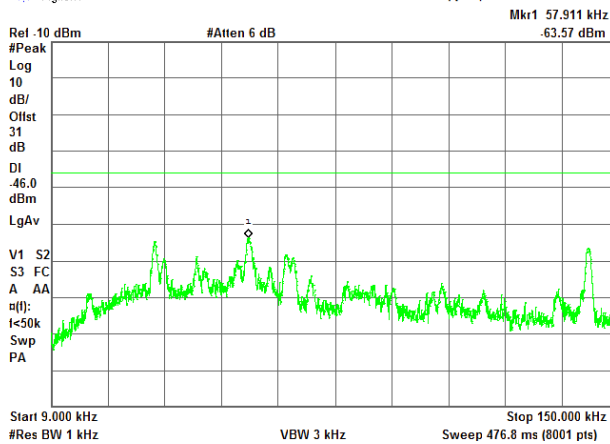
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.1 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

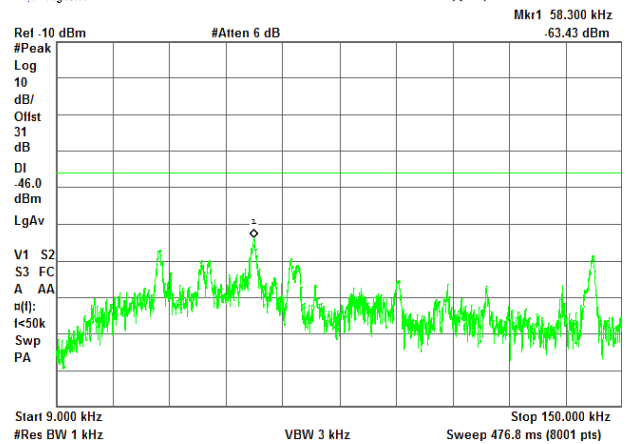
R T



QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent

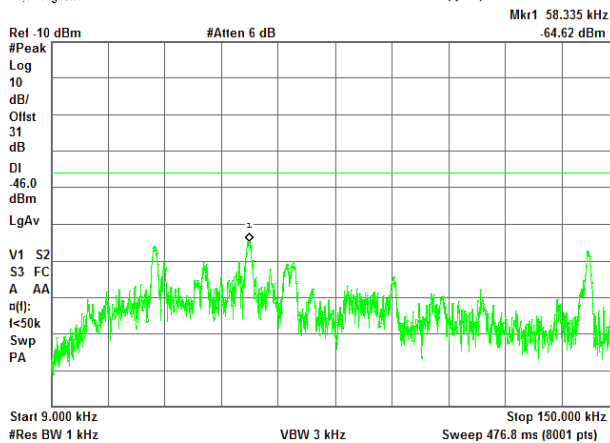
R T



ANTENNA CHAIN: #3

* Agilent

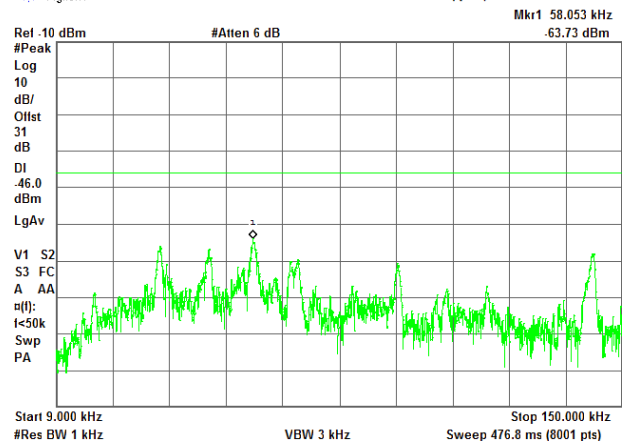
R T



ANTENNA CHAIN: #4

* Agilent

R T





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz

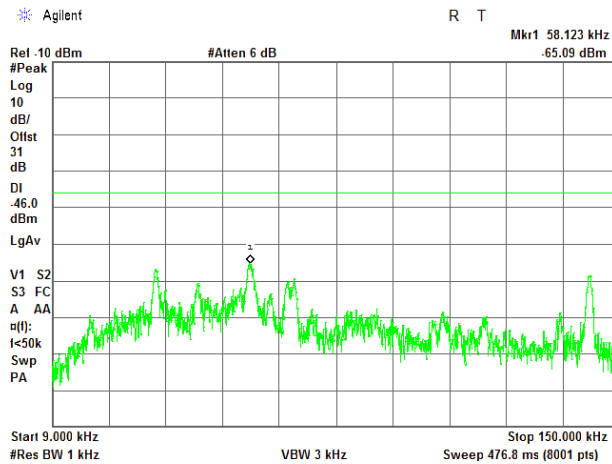
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.2 Spurious emission measurements in 9 - 150 kHz range at mid carrier frequency

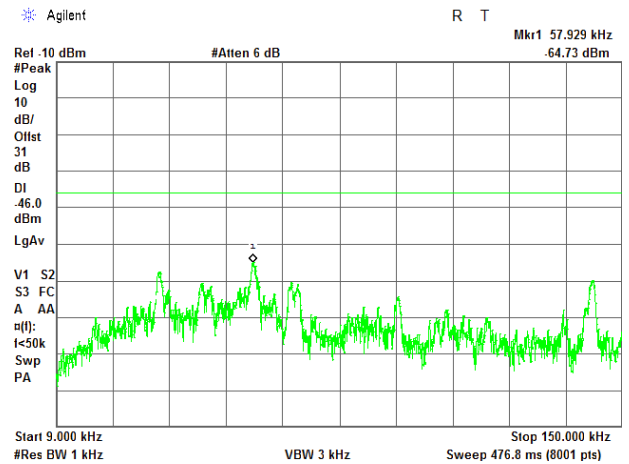
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



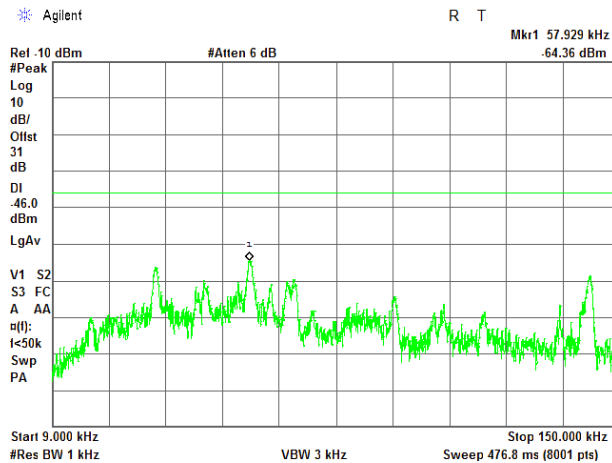
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



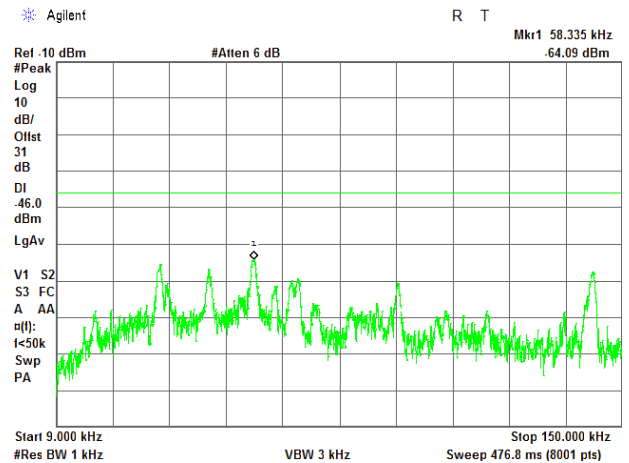
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

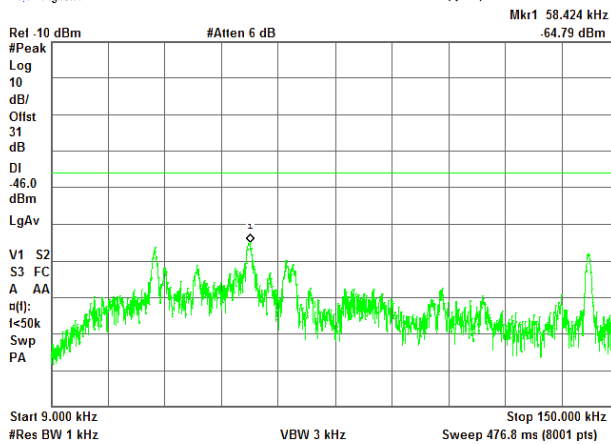
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.3 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

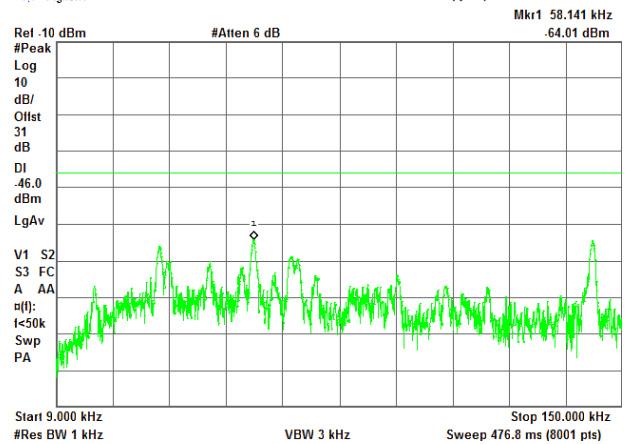
R T



QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent

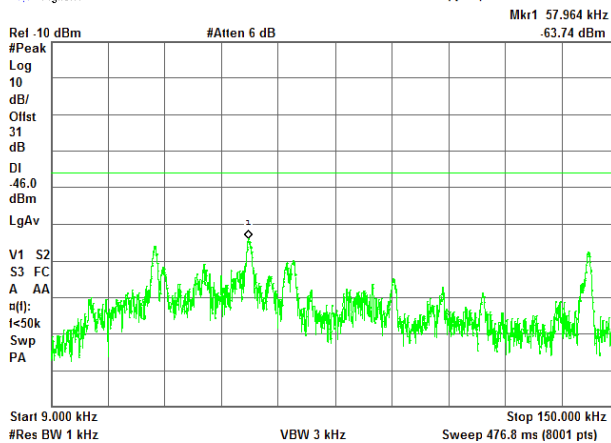
R T



ANTENNA CHAIN: #3

* Agilent

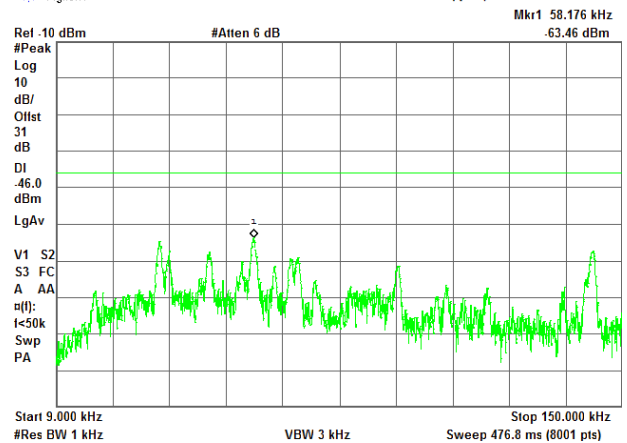
R T



ANTENNA CHAIN: #4

* Agilent

R T





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

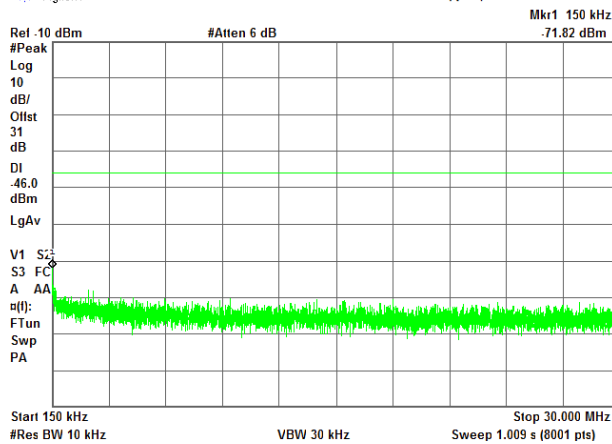
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.4 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

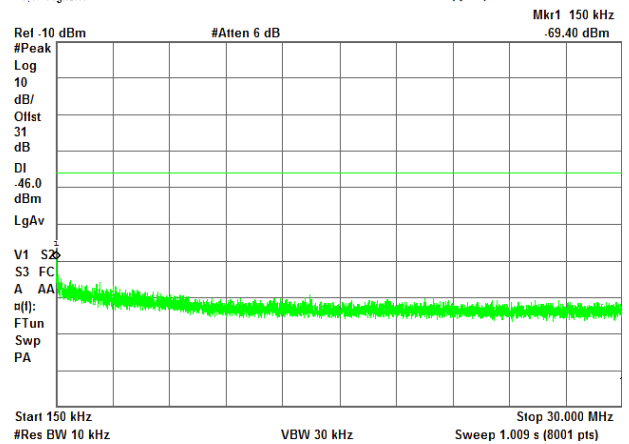
R T



QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent

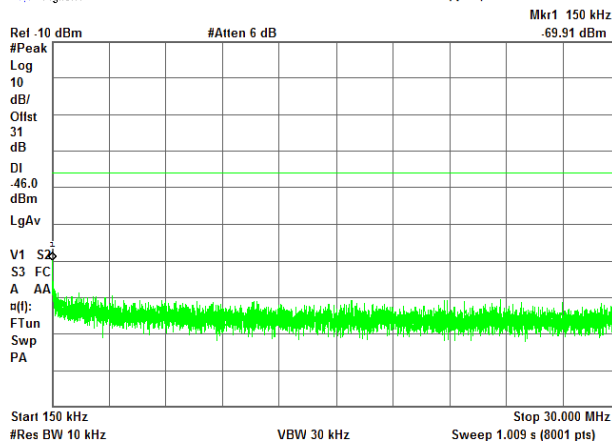
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ANTENNA CHAIN: #3

* Agilent

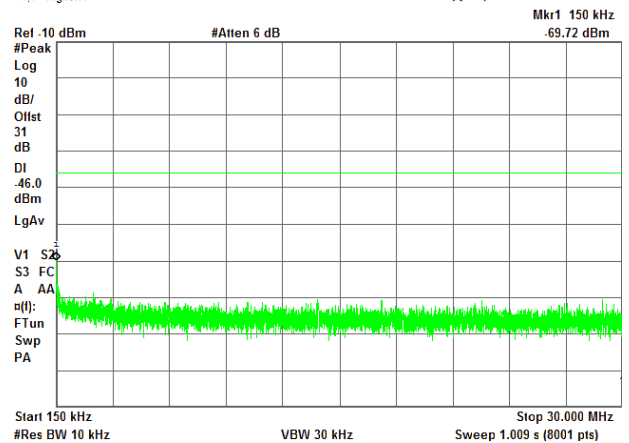
R T



ANTENNA CHAIN: #4

* Agilent

R T





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz

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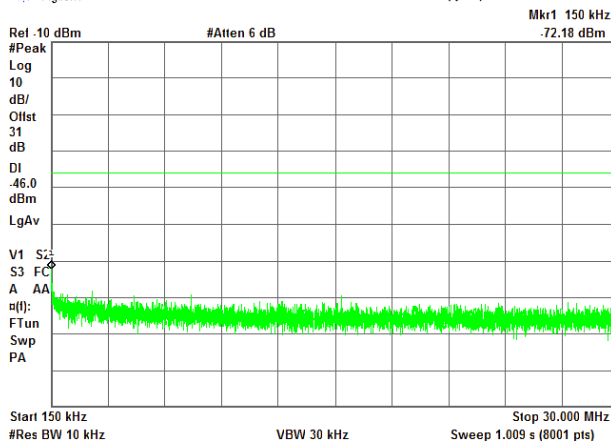
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.5 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

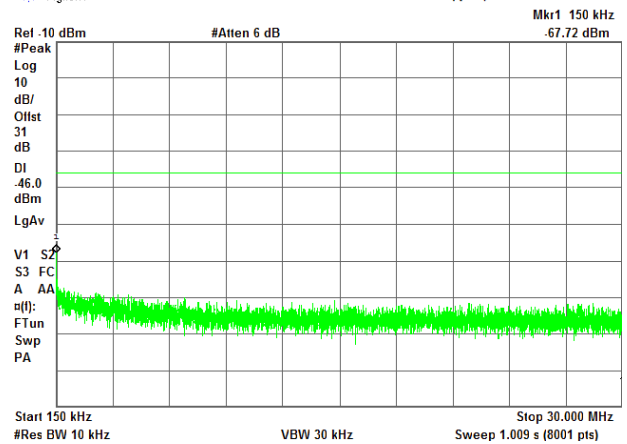
R T



QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent

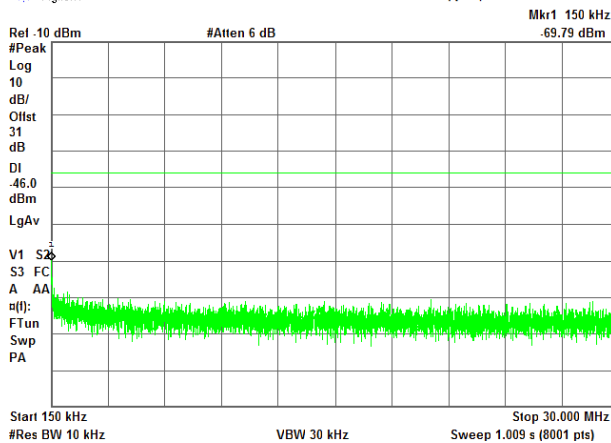
R T



ANTENNA CHAIN: #3

* Agilent

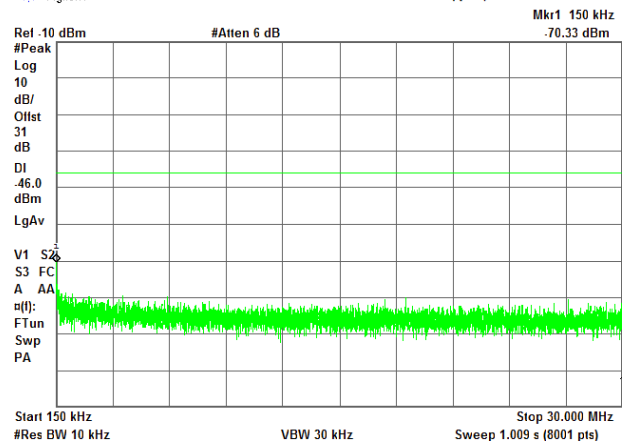
R T



ANTENNA CHAIN: #4

* Agilent

R T





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

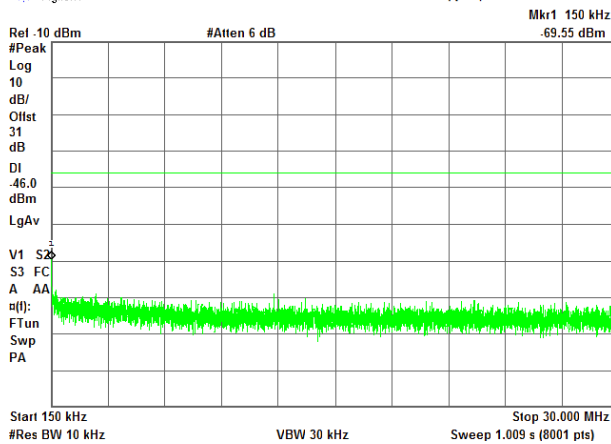
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Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.6 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

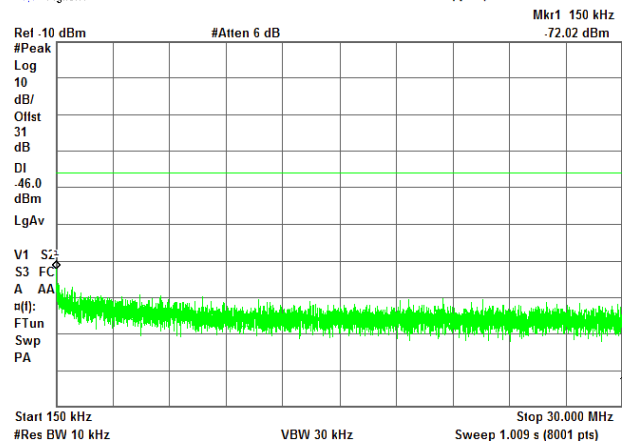
R T



QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent

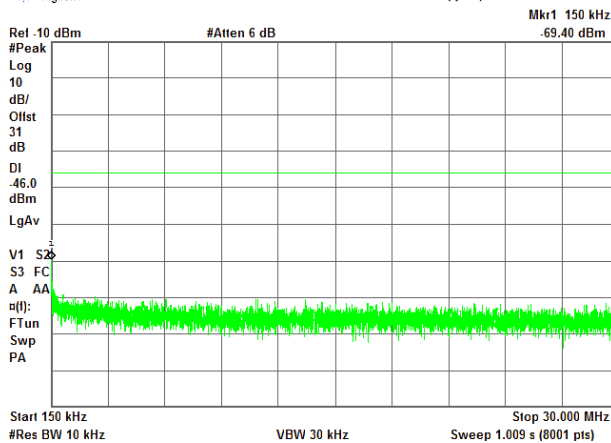
R T



ANTENNA CHAIN: #3

* Agilent

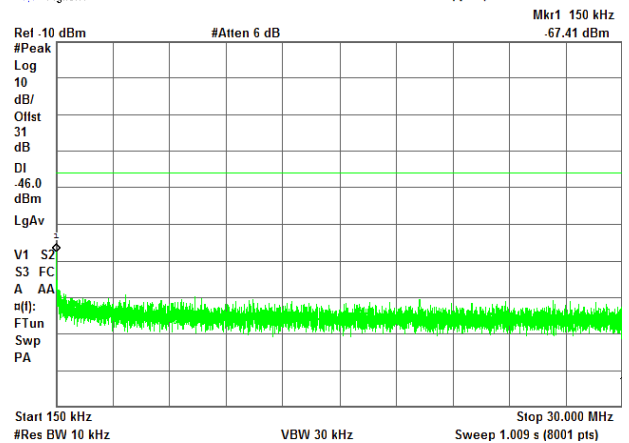
R T



ANTENNA CHAIN: #4

* Agilent

R T





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Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.7 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

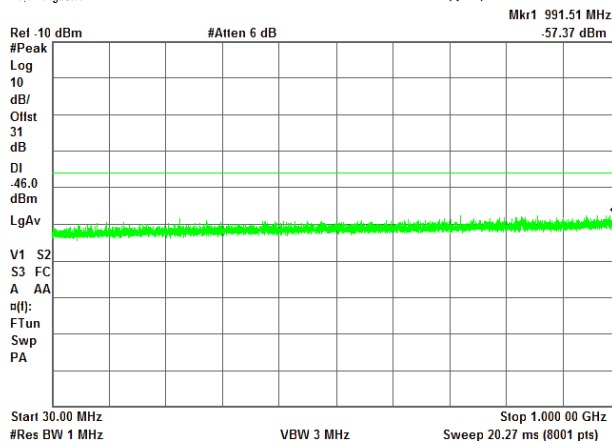
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

R T



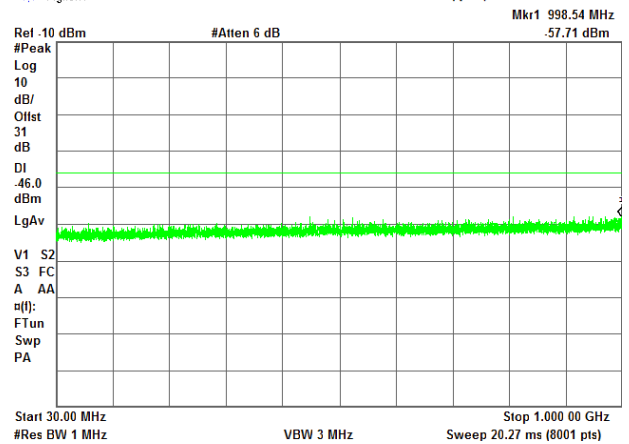
QPSK

10 MHz

ANTENNA CHAIN: #2

* Agilent

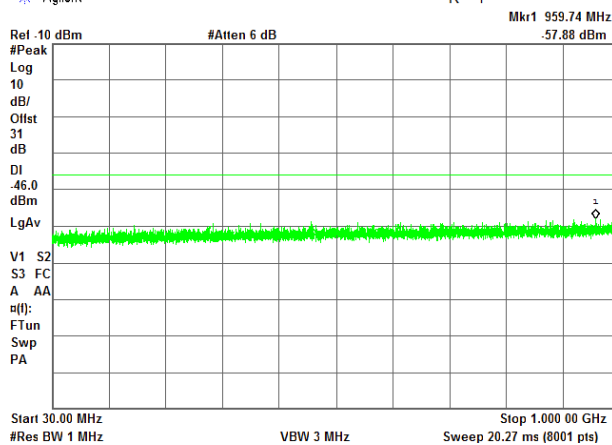
R T



ANTENNA CHAIN: #3

* Agilent

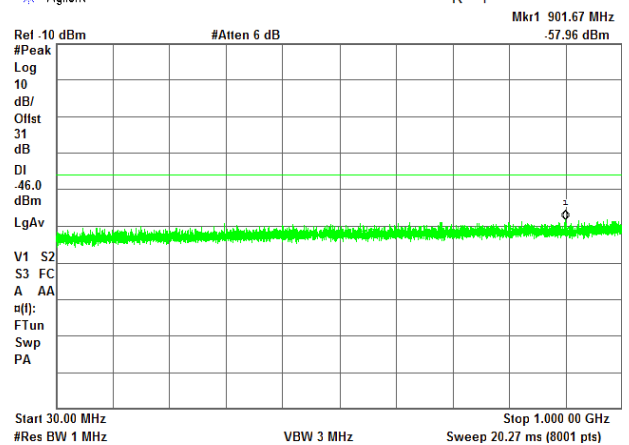
R T



ANTENNA CHAIN: #4

* Agilent

R T





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Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.8 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency

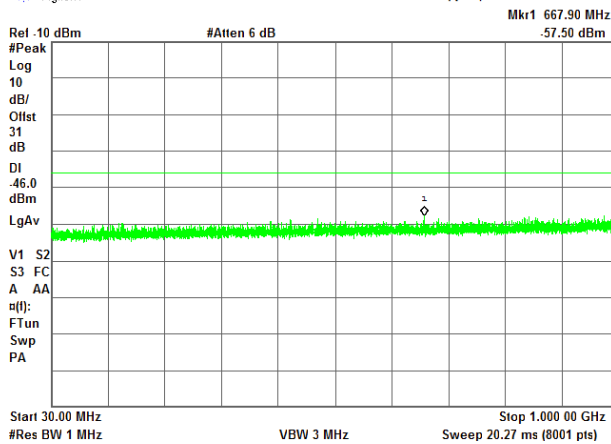
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

R T



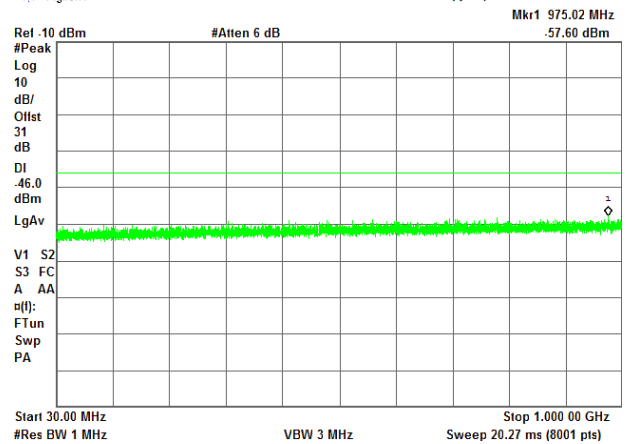
QPSK

10 MHz

ANTENNA CHAIN: #2

* Agilent

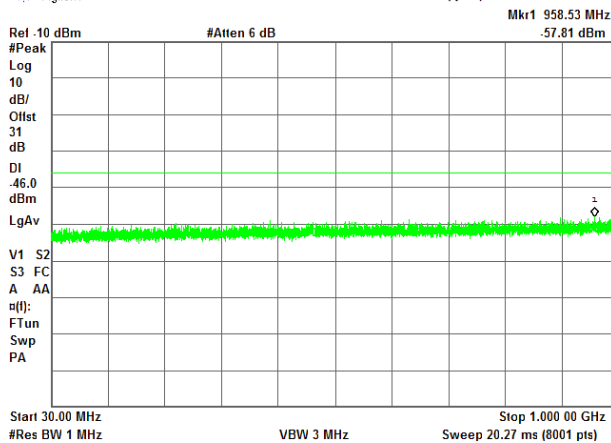
R T



ANTENNA CHAIN: #3

* Agilent

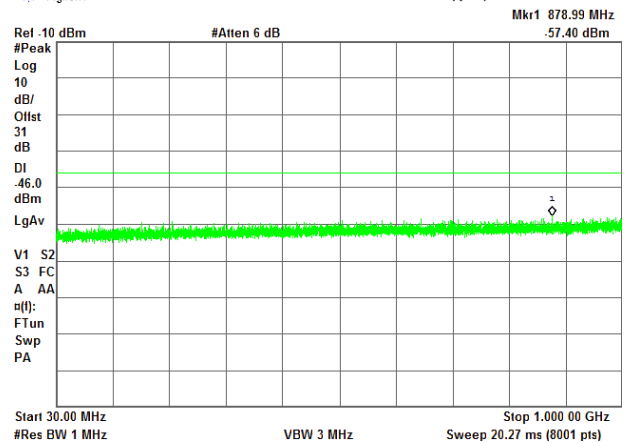
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

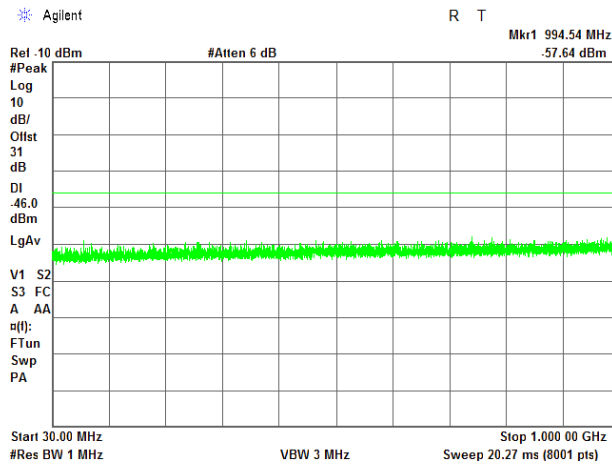
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.9 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

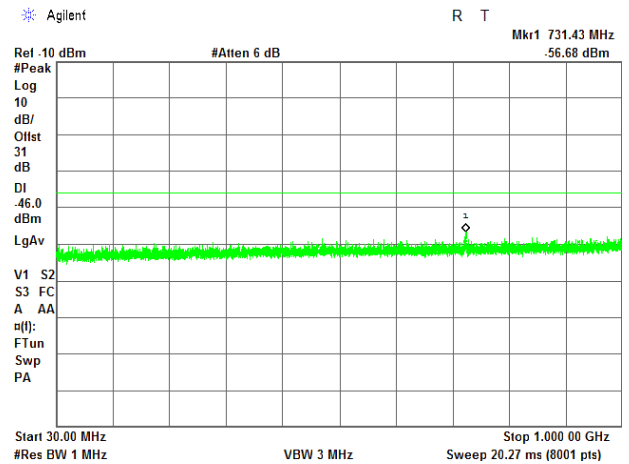
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



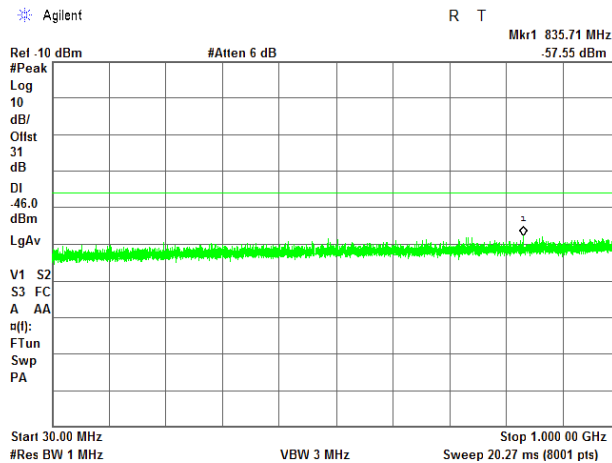
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



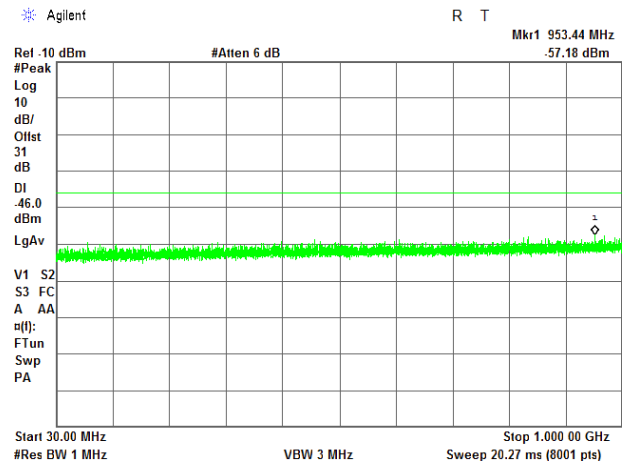
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

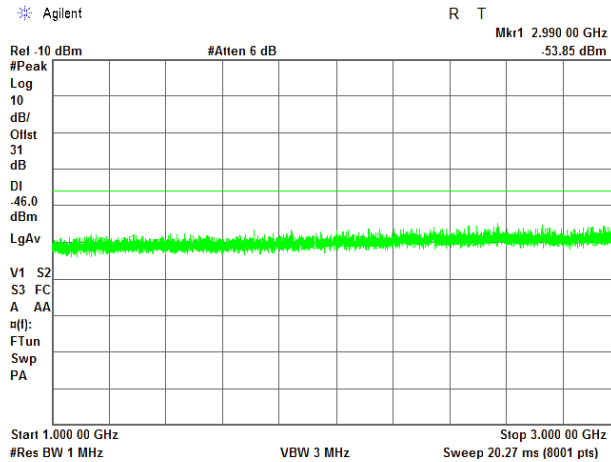
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.10 Spurious emission measurements in 1000 - 3000 MHz range at low carrier frequency

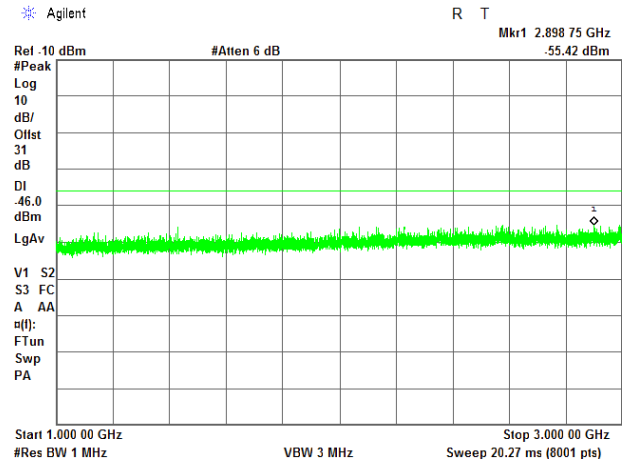
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



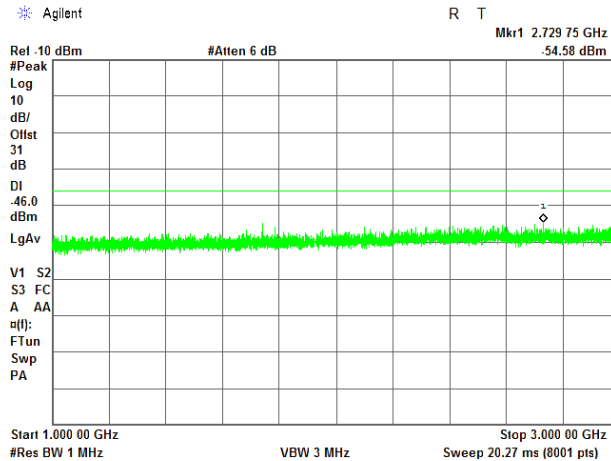
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



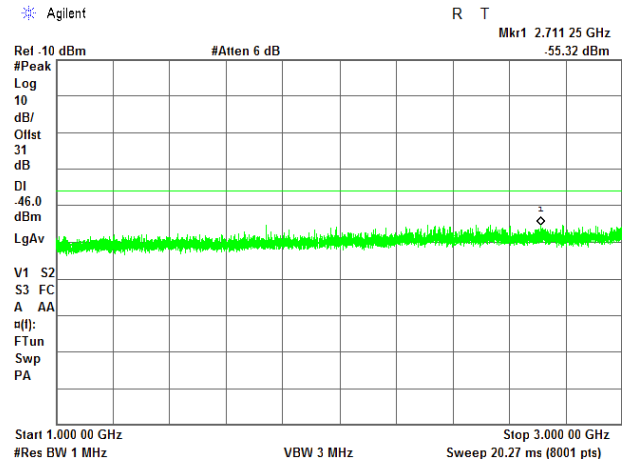
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

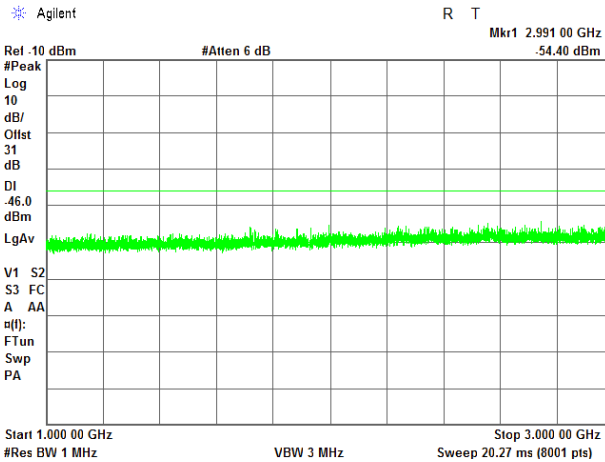
Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

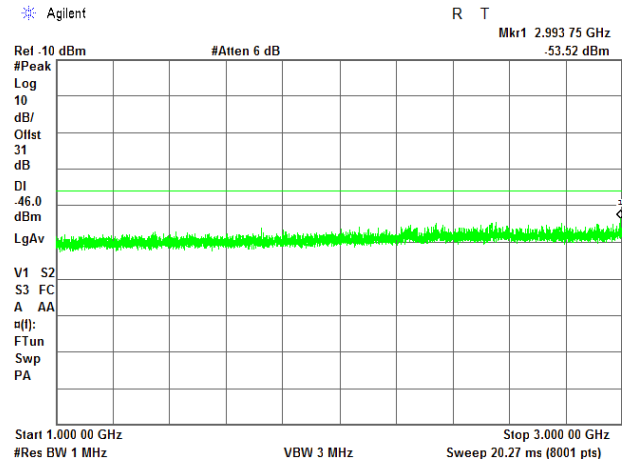
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.11 Spurious emission measurements in 1000 - 3000 MHz range at mid carrier frequency

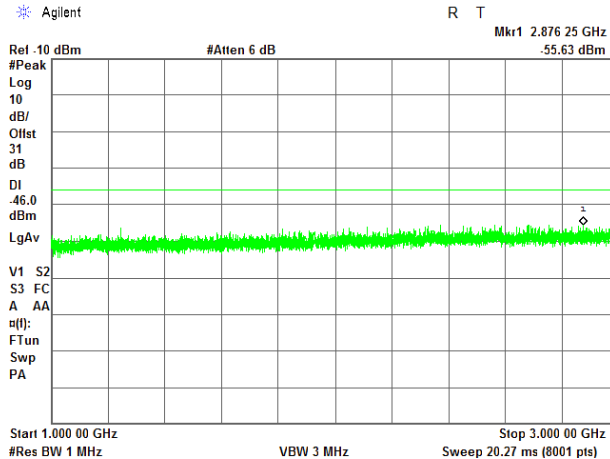
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1



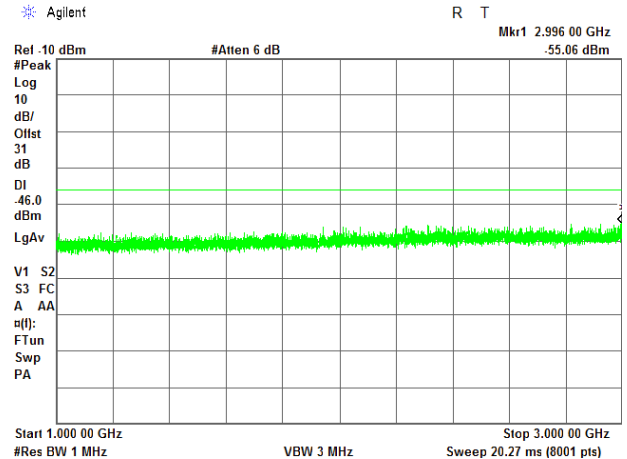
QPSK
10 MHz
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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:		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:			

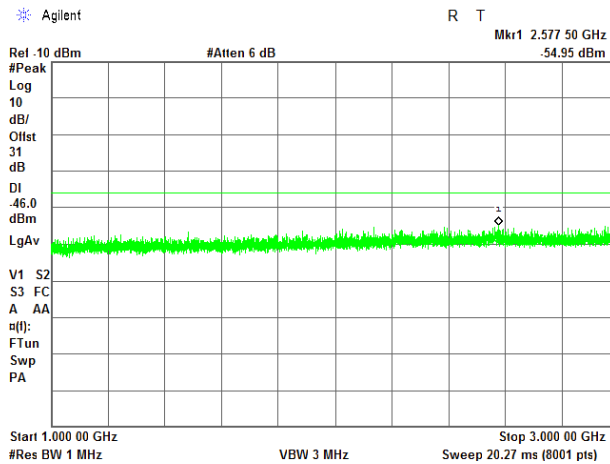
Plot 7.6.12 Spurious emission measurements in 1000 - 3000 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

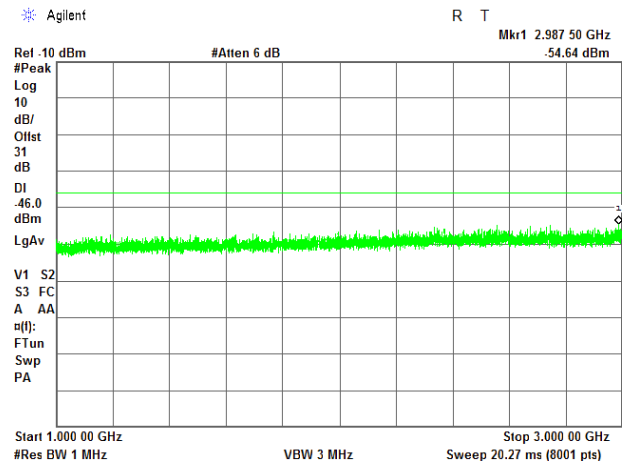


QPSK

10 MHz

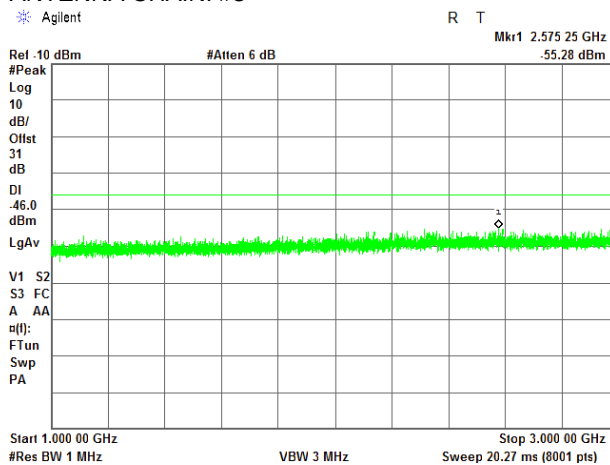
ANTENNA CHAIN: #2

* Agilent



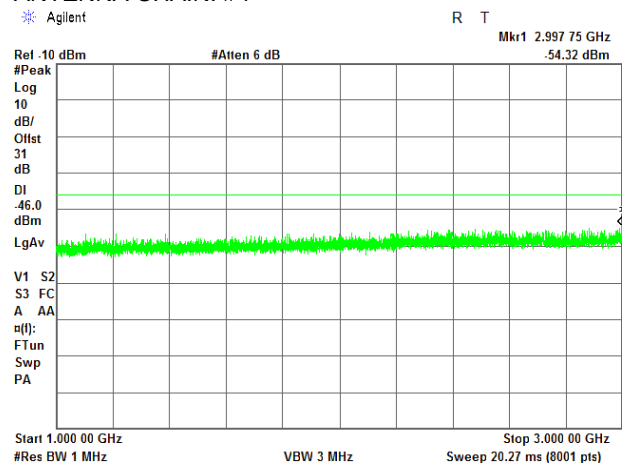
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





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:		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 7.6.13 Spurious emission measurements in 3000 - 3470 MHz range at low carrier frequency

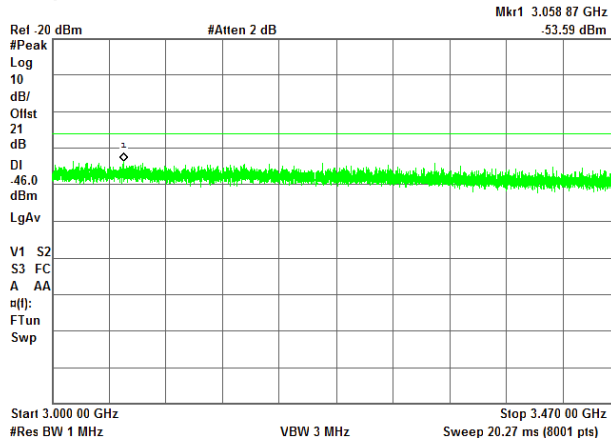
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

R T



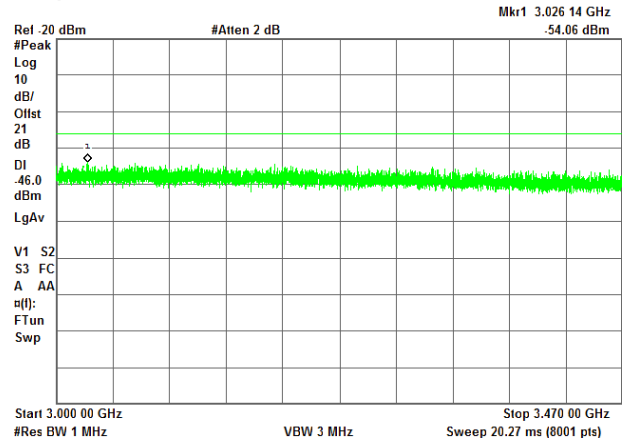
QPSK

10 MHz

ANTENNA CHAIN: #2

* Agilent

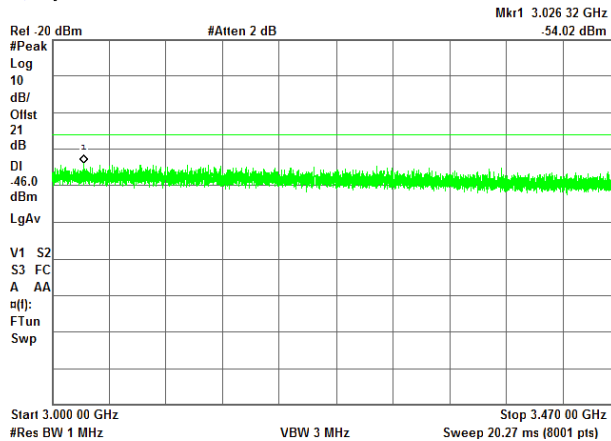
R T



ANTENNA CHAIN: #3

* Agilent

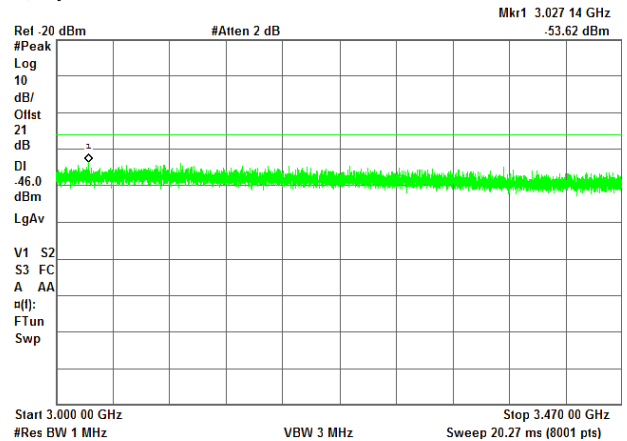
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

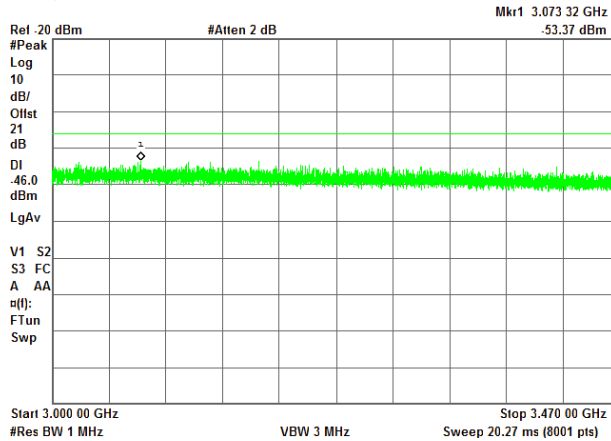
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.14 Spurious emission measurements in 3000 - 3470 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

✱ Agilent

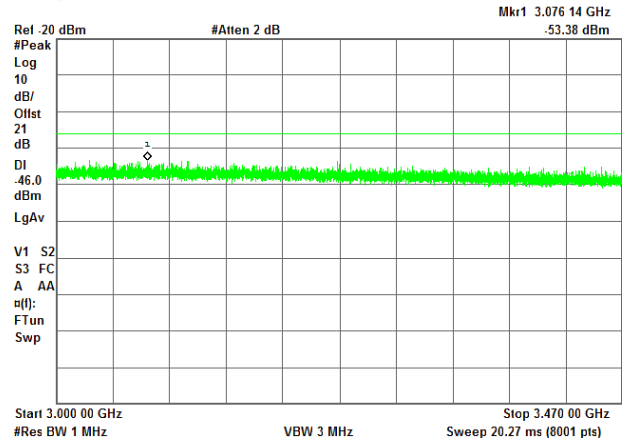
R T



QPSK
10 MHz
ANTENNA CHAIN: #2

✱ Agilent

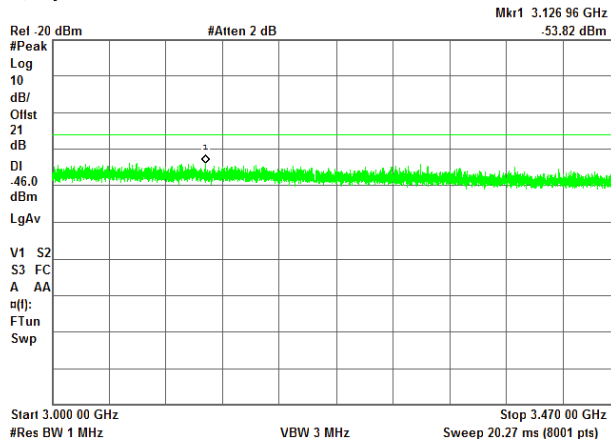
R T



ANTENNA CHAIN: #3

✱ Agilent

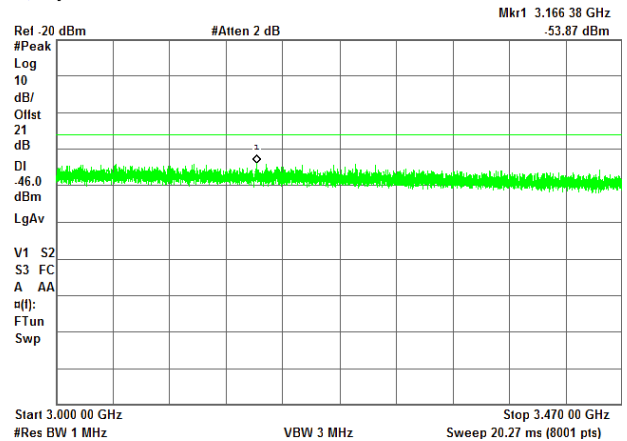
R T



ANTENNA CHAIN: #4

✱ Agilent

R T





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:		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 7.6.15 Spurious emission measurements in 3000 - 3470 MHz range at high carrier frequency

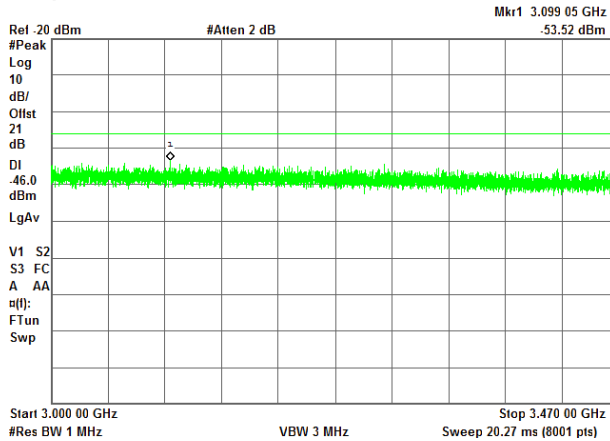
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

R T



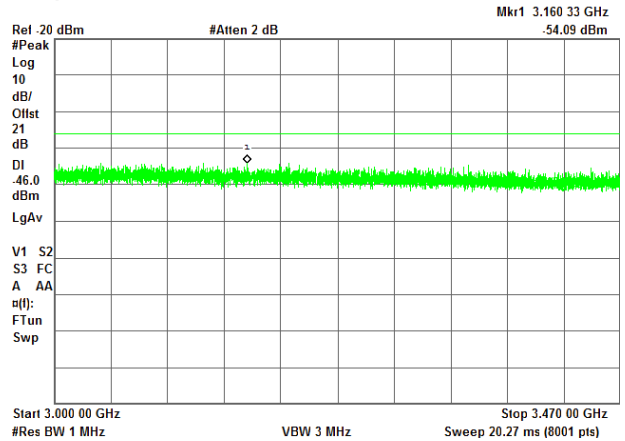
QPSK

10 MHz

ANTENNA CHAIN: #2

* Agilent

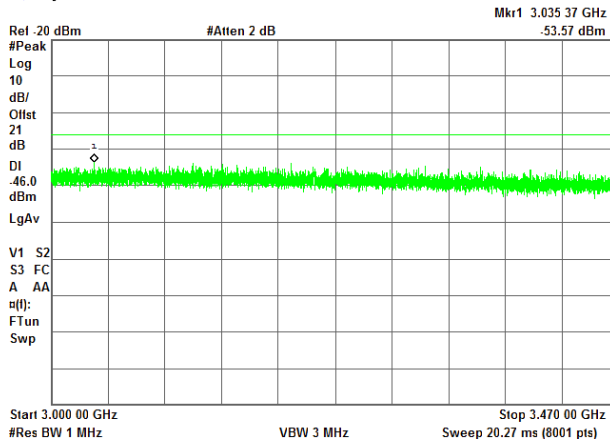
R T



ANTENNA CHAIN: #3

* Agilent

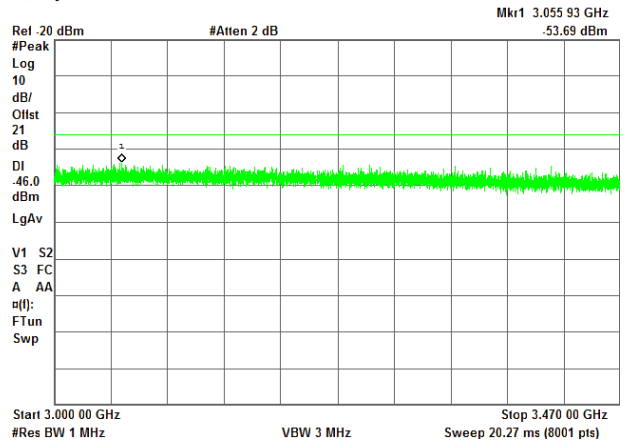
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

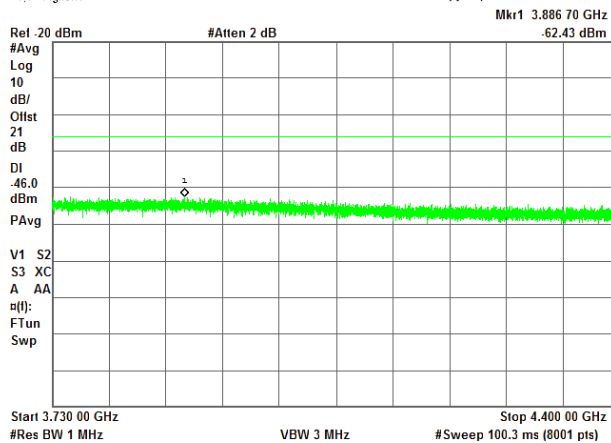
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.16 Spurious emission measurements in 3730 - 4400 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

Agilent

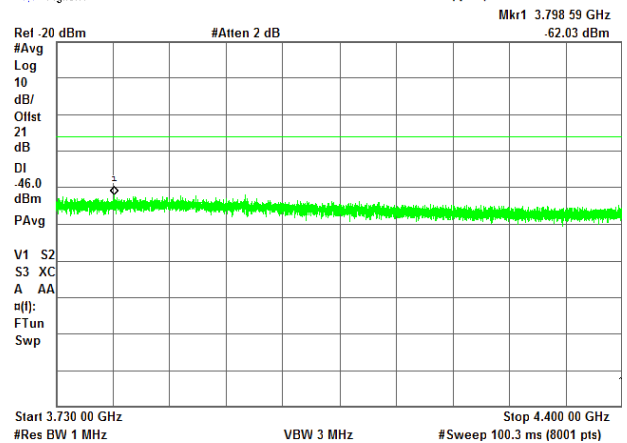
R T



QPSK
10 MHz
ANTENNA CHAIN: #2

Agilent

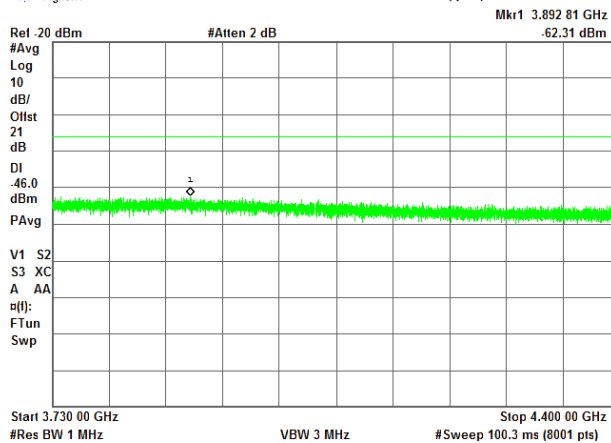
R T



ANTENNA CHAIN: #3

Agilent

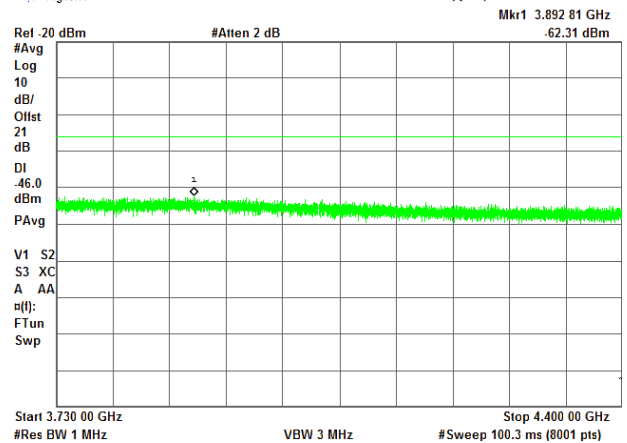
R T



ANTENNA CHAIN: #4

Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

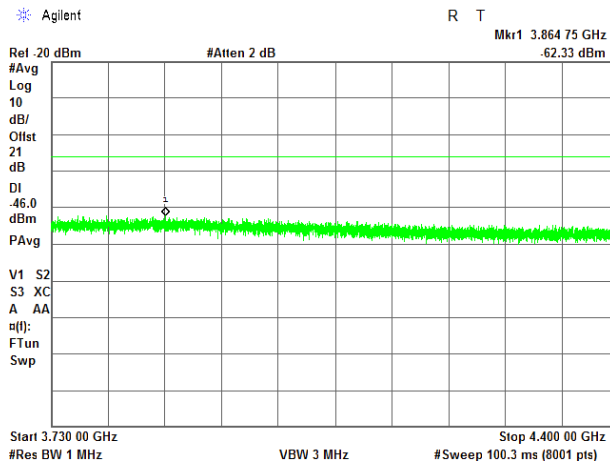
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.17 Spurious emission measurements in 3730 - 4400 MHz range at mid carrier frequency

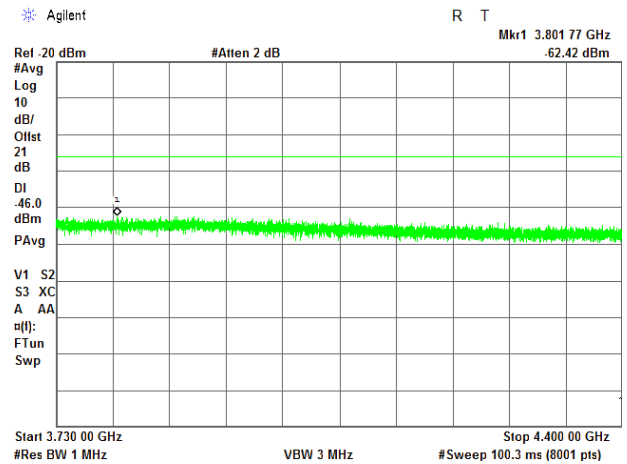
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



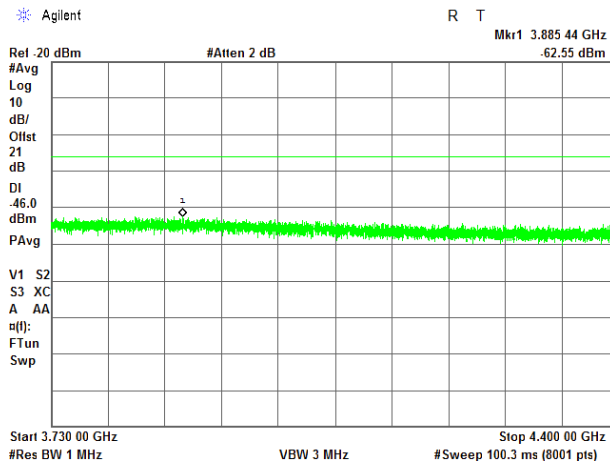
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



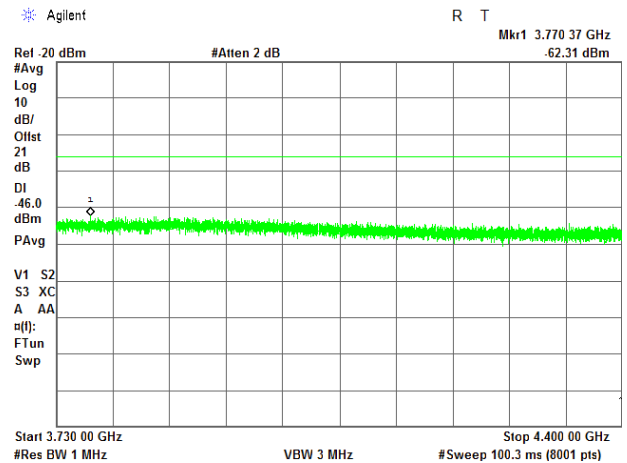
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

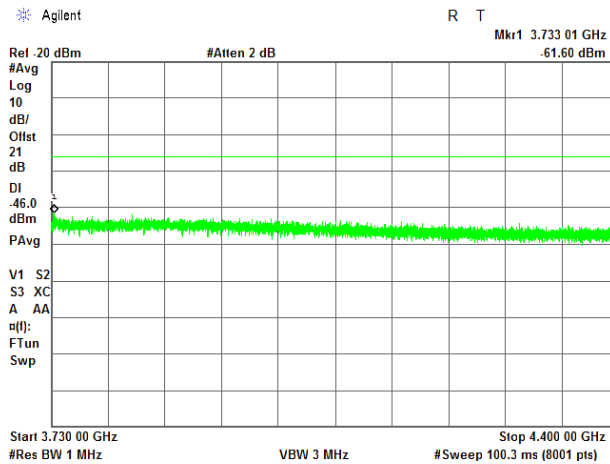
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.18 Spurious emission measurements in 3730 - 4400 MHz range at high carrier frequency

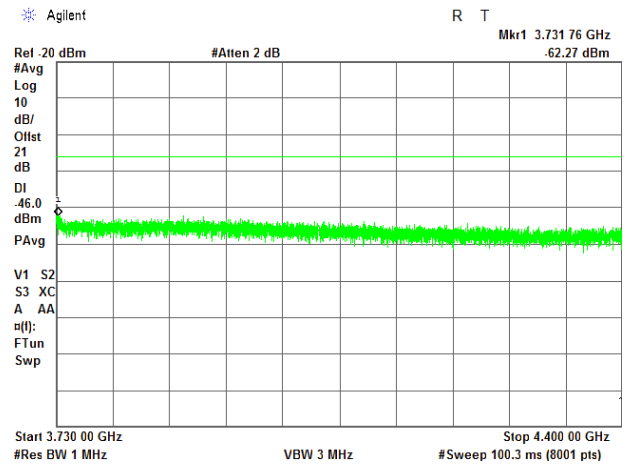
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



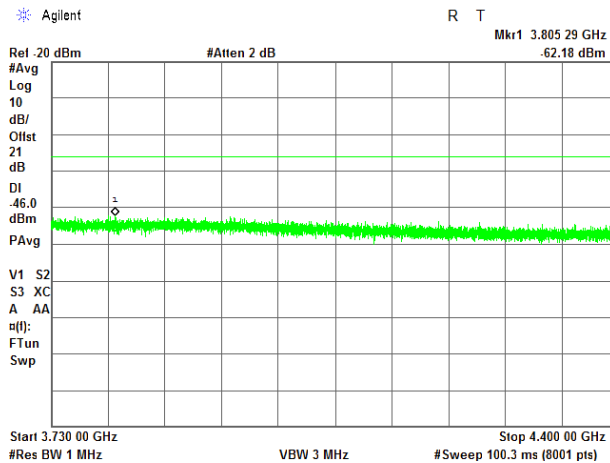
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



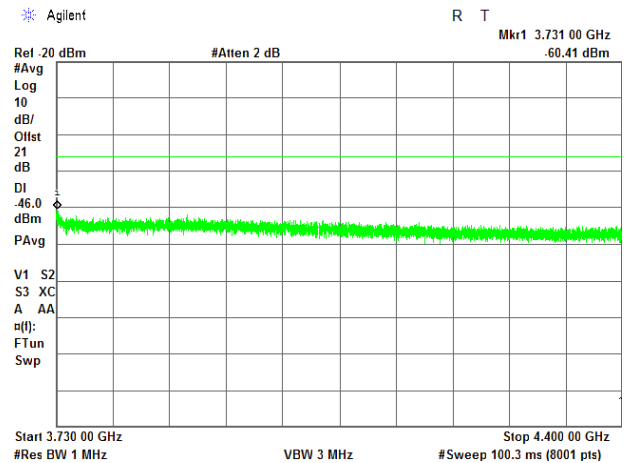
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

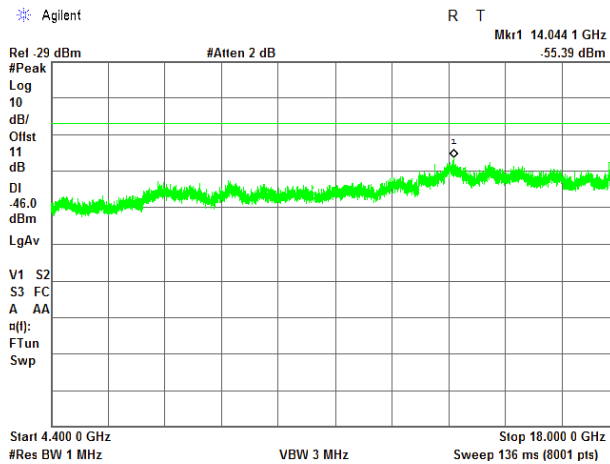
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.19 Spurious emission measurements in 4400 - 18000 MHz range at low carrier frequency

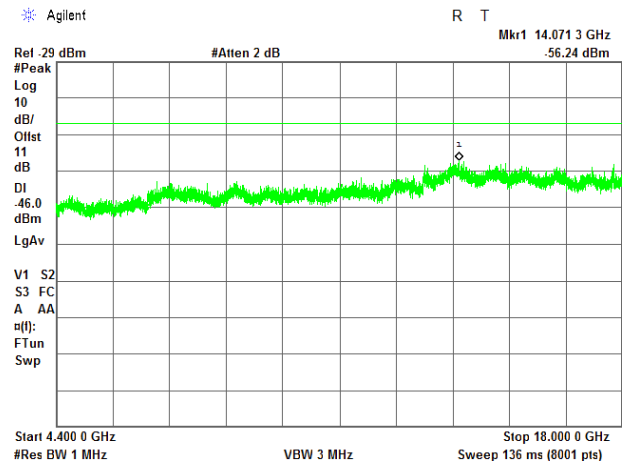
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



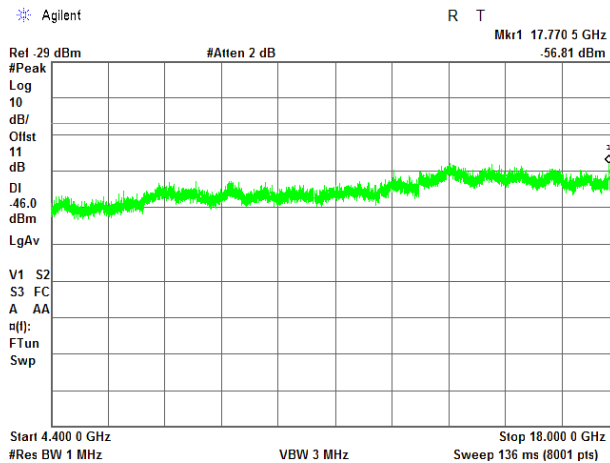
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



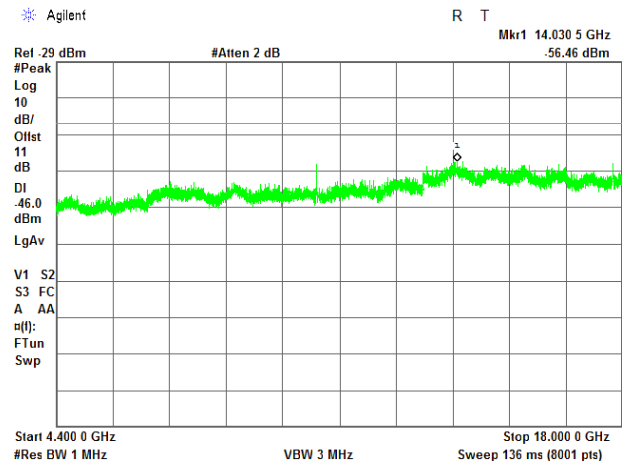
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

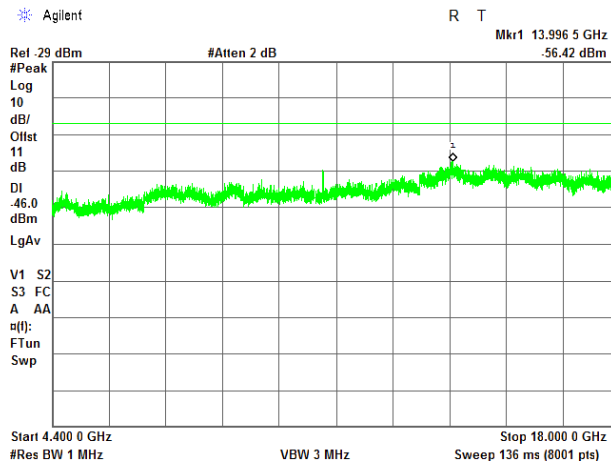
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.20 Spurious emission measurements in 4400 - 18000 MHz range at mid carrier frequency

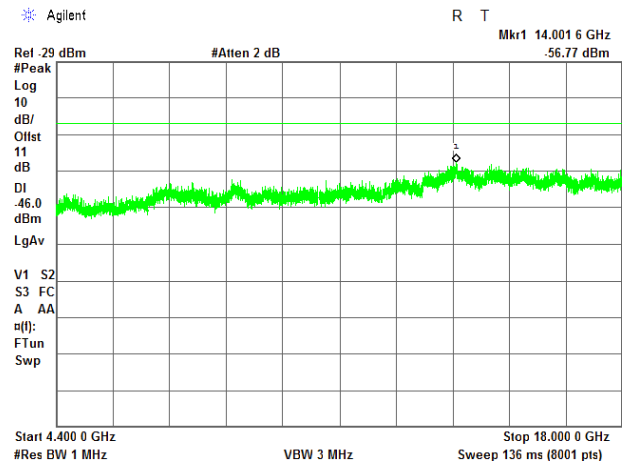
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



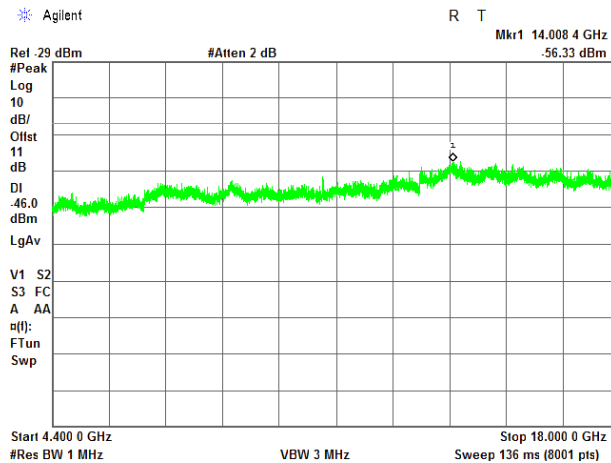
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



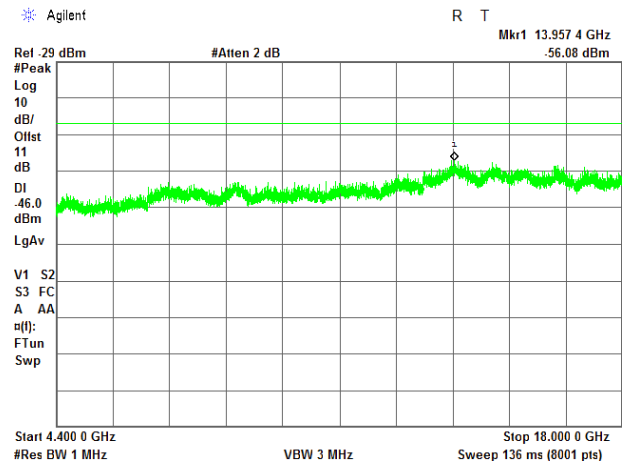
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

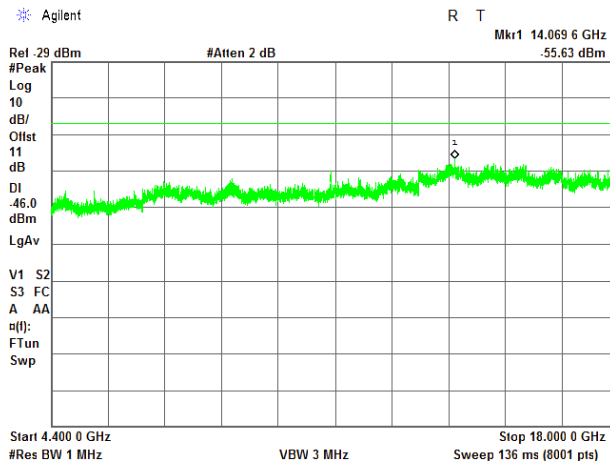
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.21 Spurious emission measurements in 4400 - 18000 MHz range at high carrier frequency

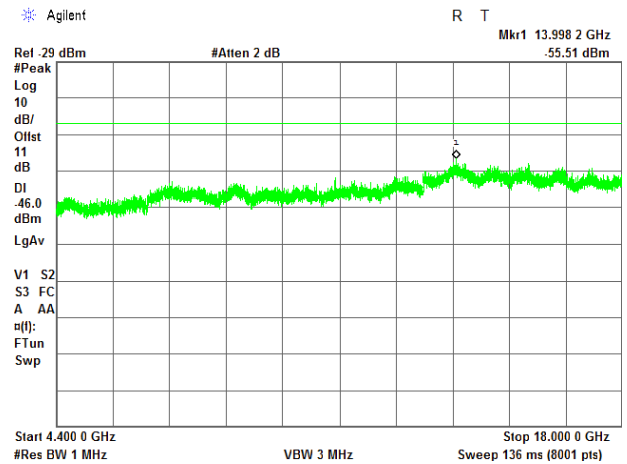
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



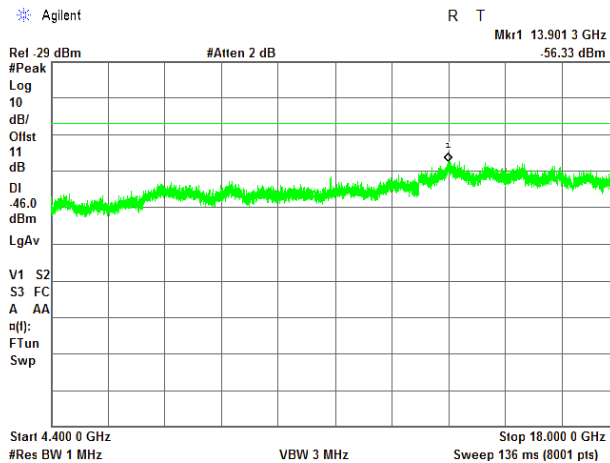
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



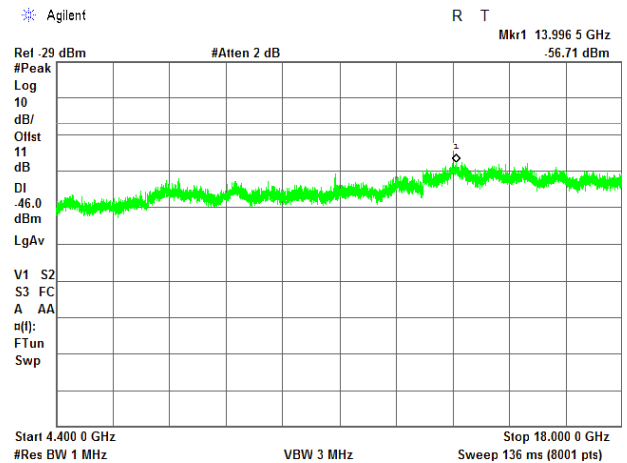
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

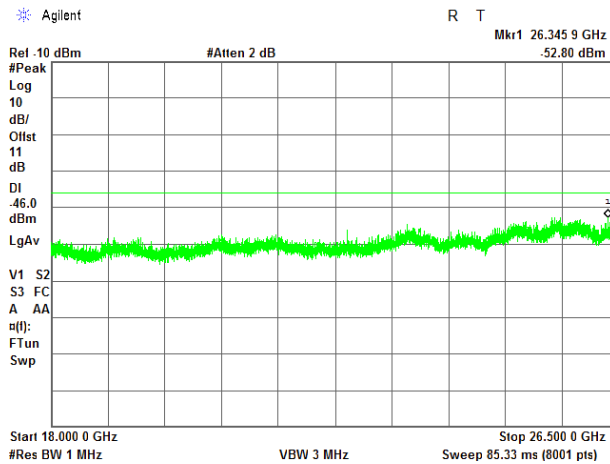
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.22 Spurious emission measurements in 18000 - 26500 MHz range at low carrier frequency

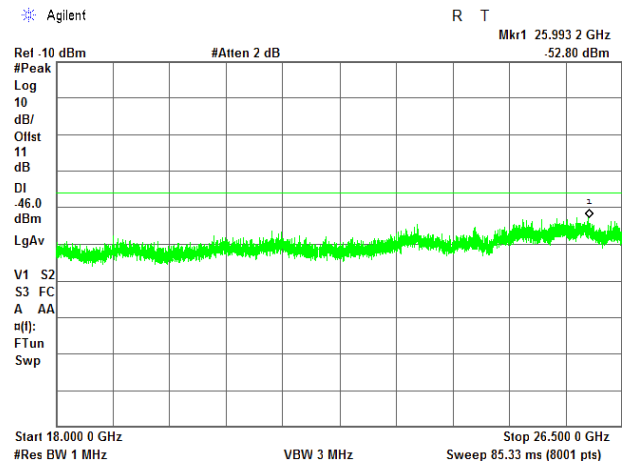
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



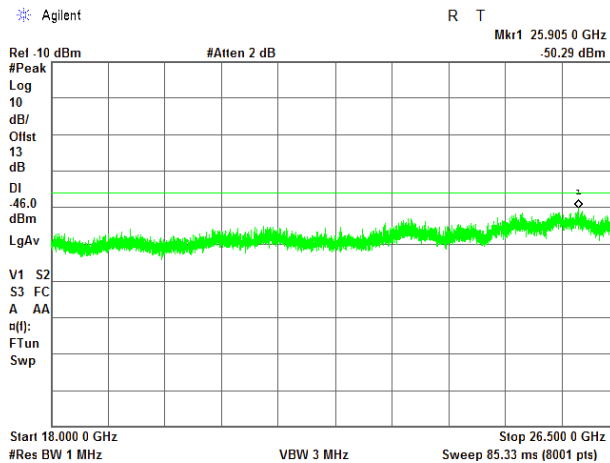
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



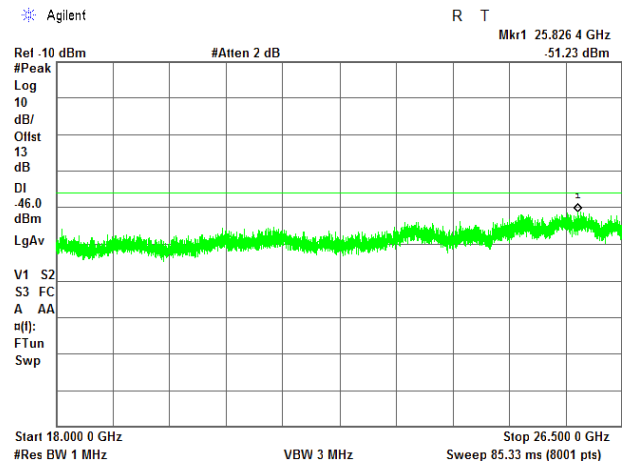
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





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:		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:			

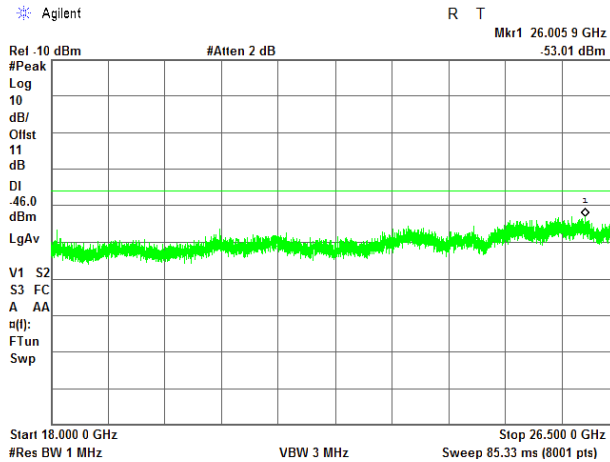
Plot 7.6.23 Spurious emission measurements in 18000 - 26500 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

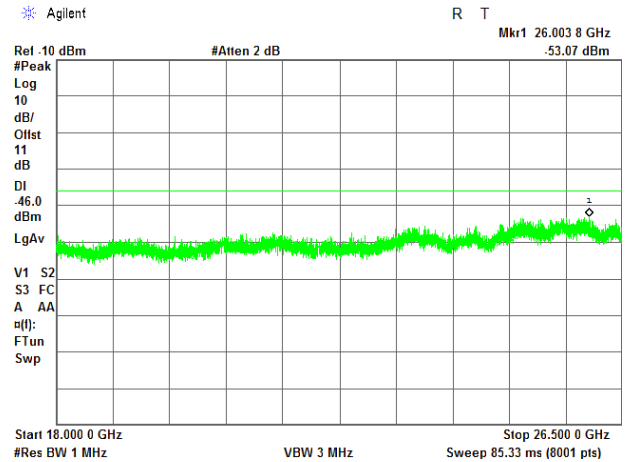


QPSK

10 MHz

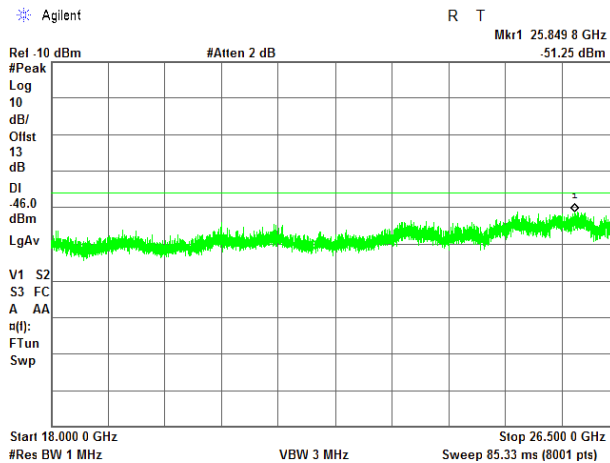
ANTENNA CHAIN: #2

* Agilent



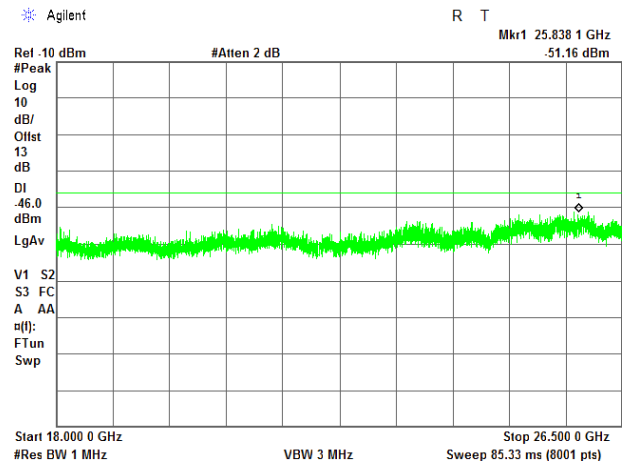
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





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:		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:			

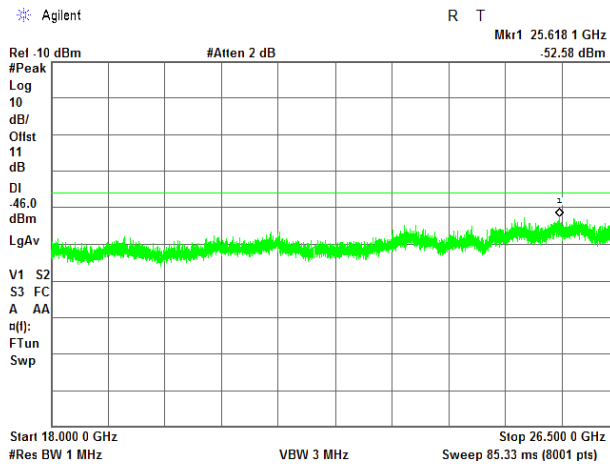
Plot 7.6.24 Spurious emission measurements in 18000 - 26500 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

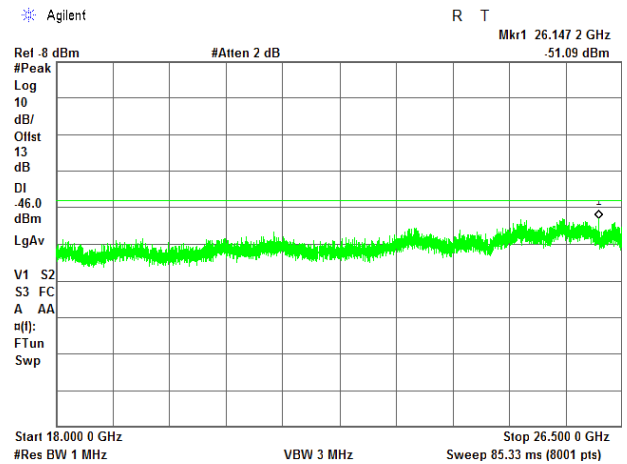


QPSK

10 MHz

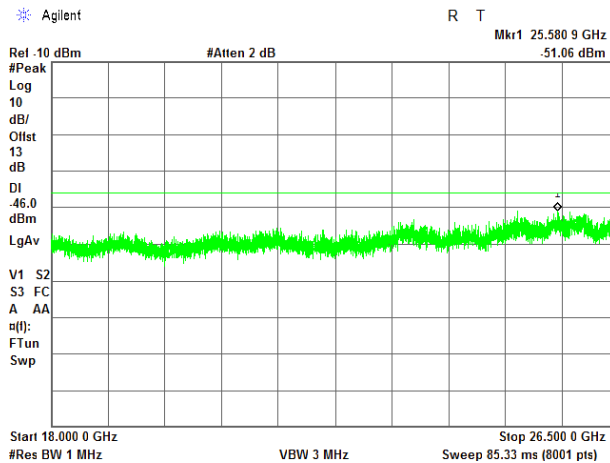
ANTENNA CHAIN: #2

* Agilent



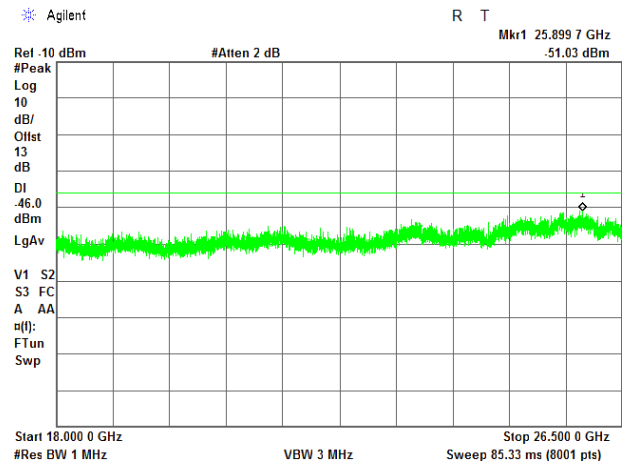
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

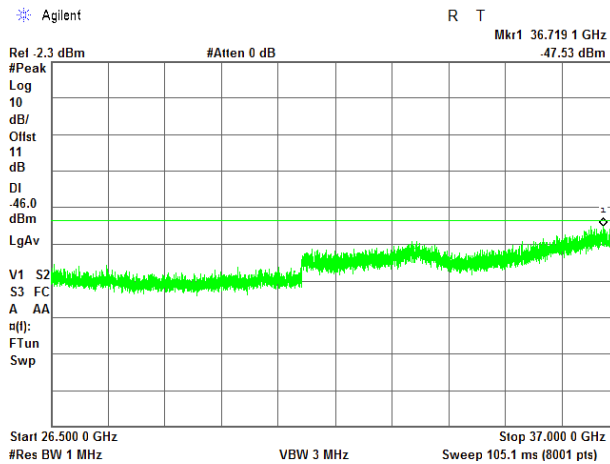
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.25 Spurious emission measurements in 26500 - 37000 MHz range at low carrier frequency

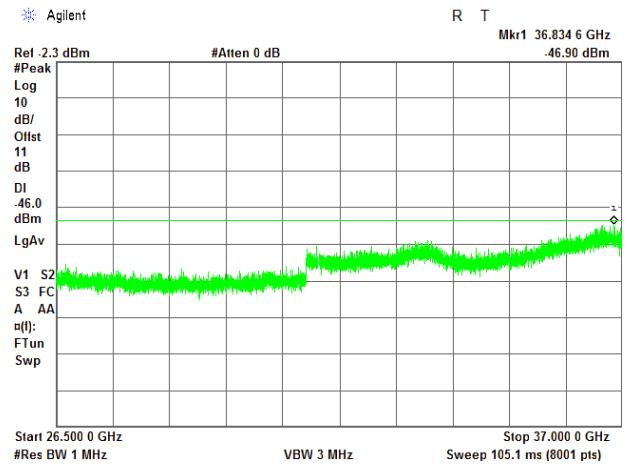
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



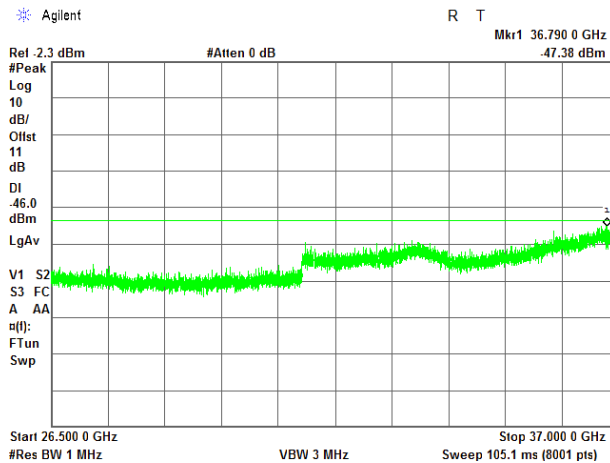
QPSK
10 MHz
ANTENNA CHAIN: #2

* Agilent



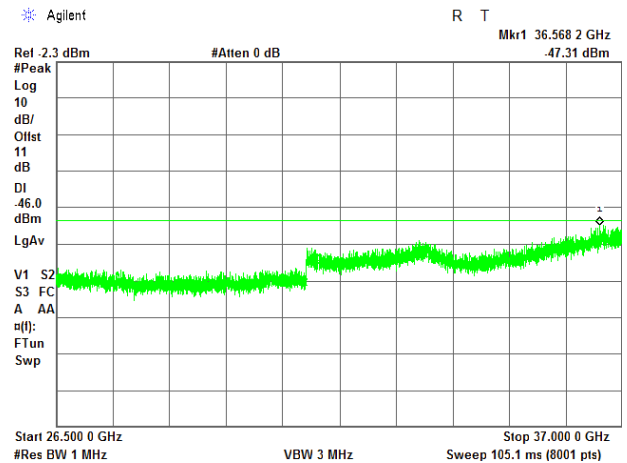
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

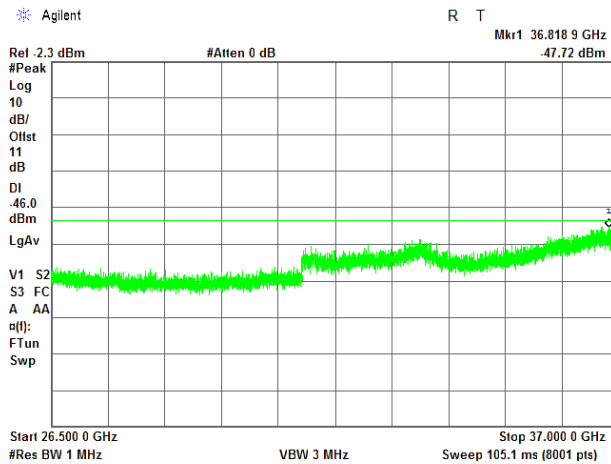
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.26 Spurious emission measurements in 26500 - 37000 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

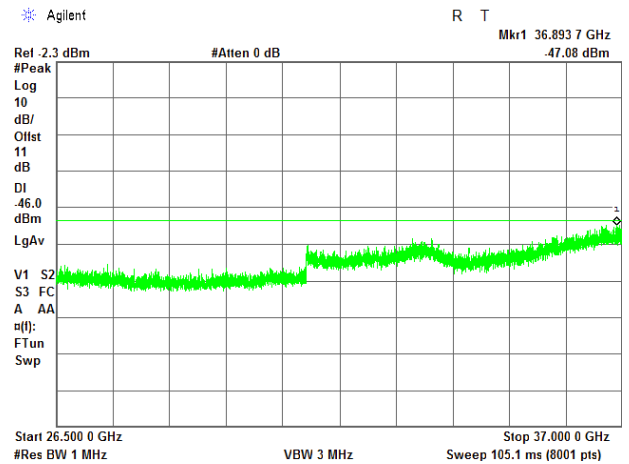
ANTENNA CHAIN: #1



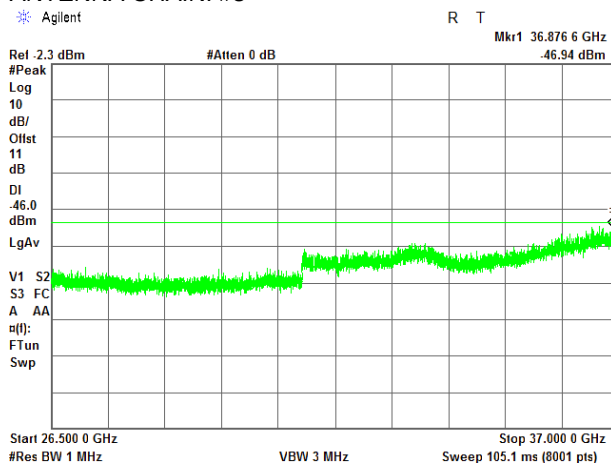
QPSK

10 MHz

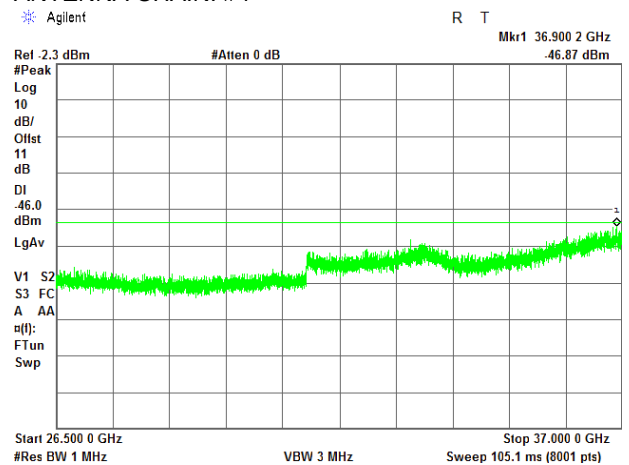
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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:		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:			

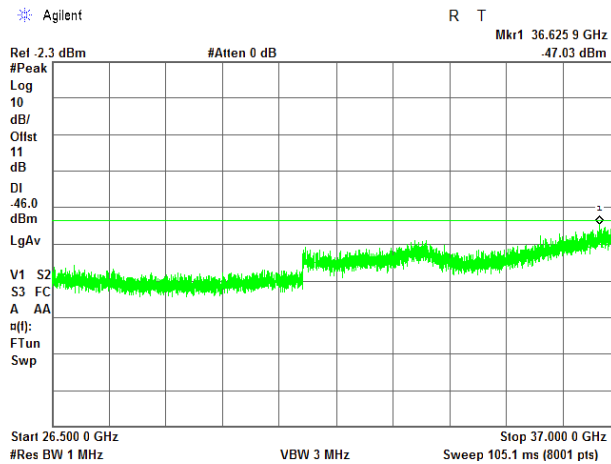
Plot 7.6.27 Spurious emission measurements in 26500 - 37000 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

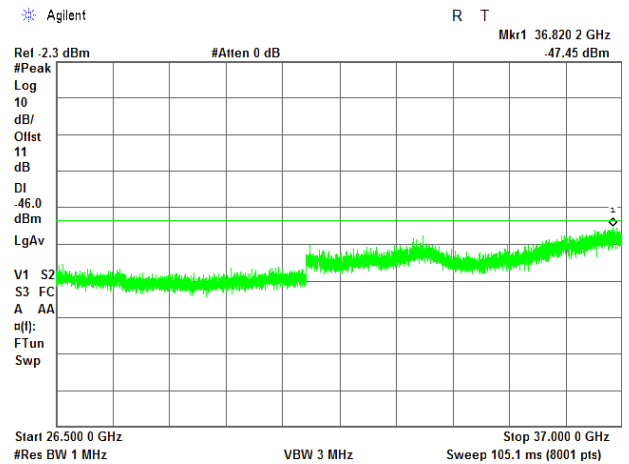


QPSK

10 MHz

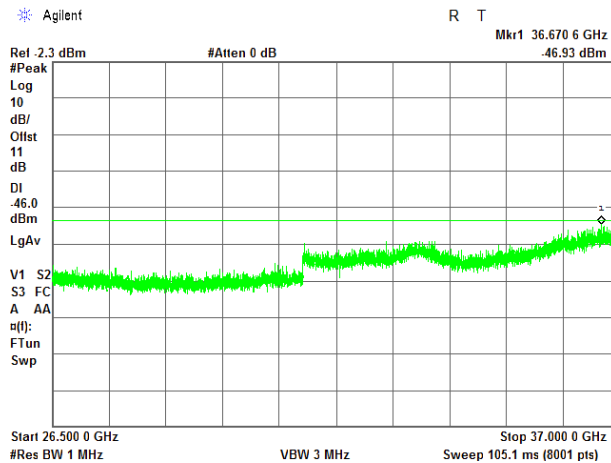
ANTENNA CHAIN: #2

* Agilent



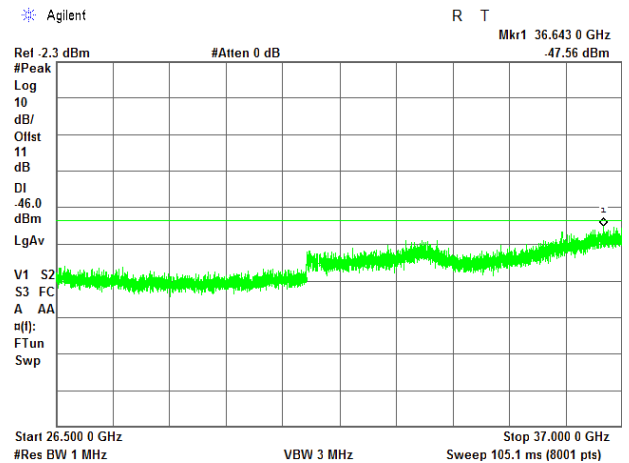
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

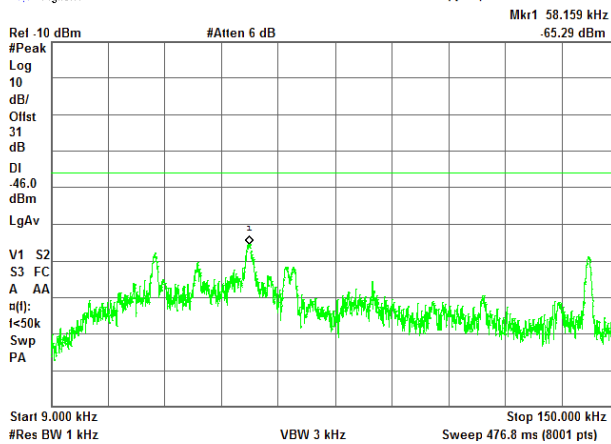
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.28 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

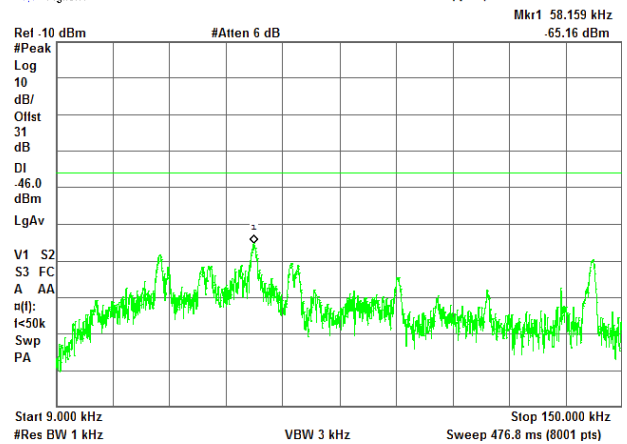
R T



QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent

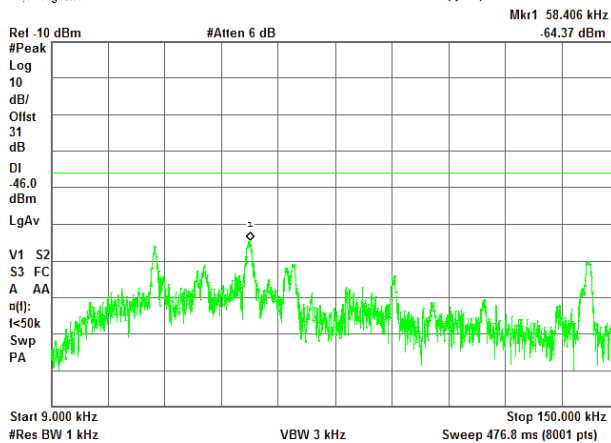
R T



ANTENNA CHAIN: #3

* Agilent

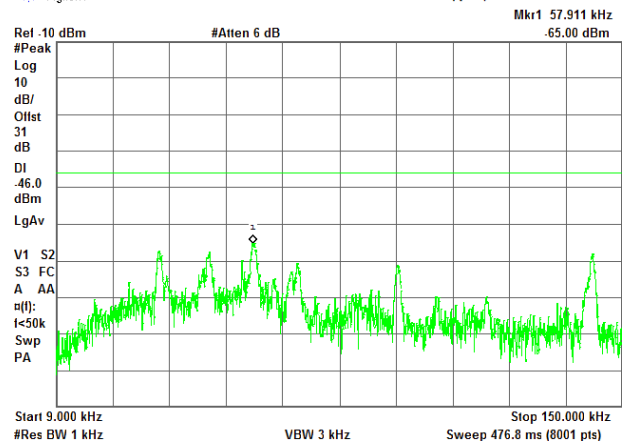
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

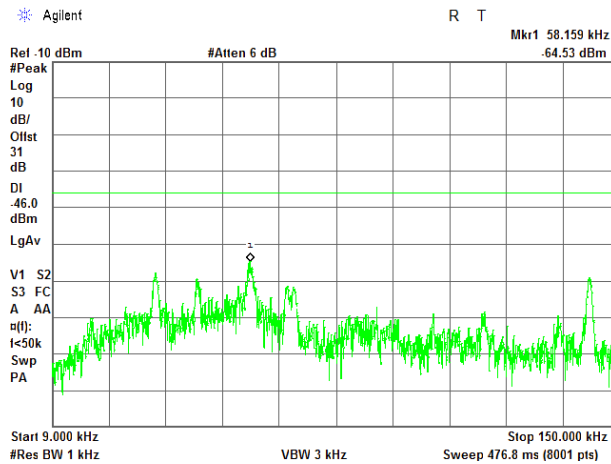
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.30 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency

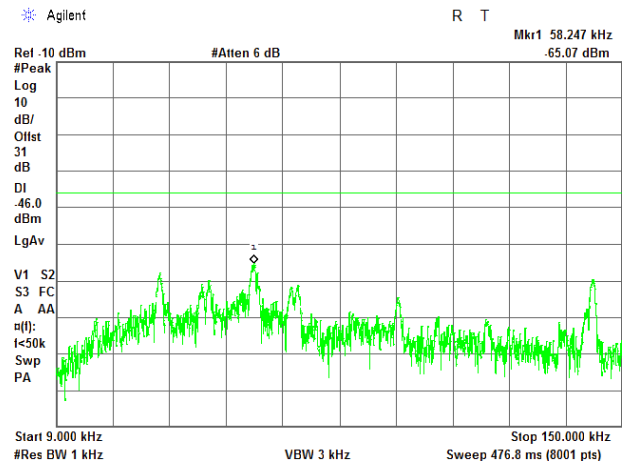
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent



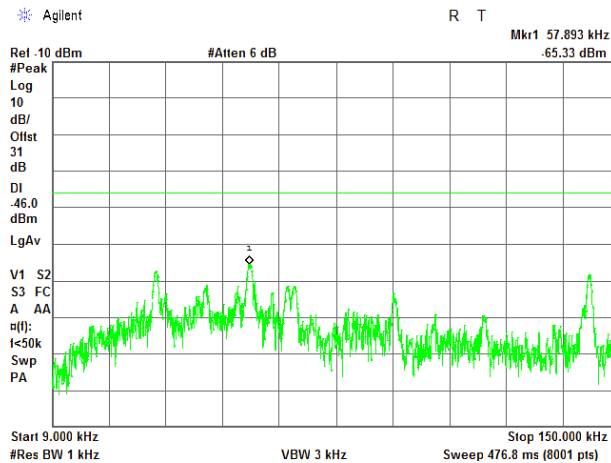
QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent



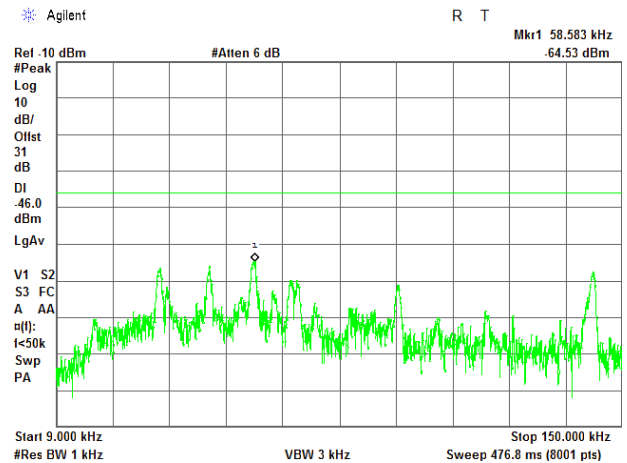
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

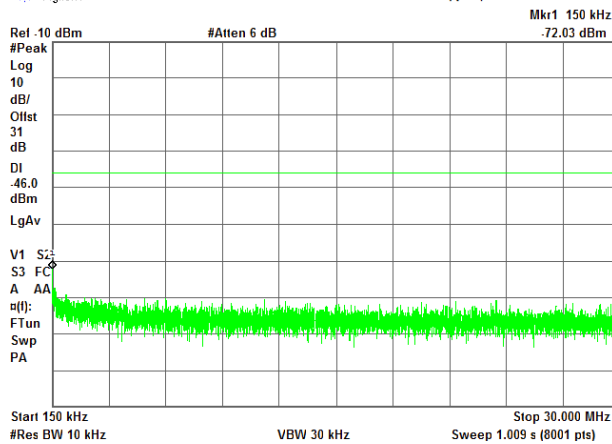
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.31 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

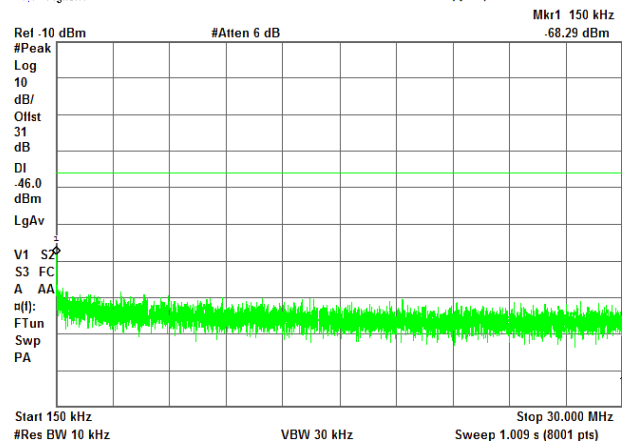
R T



QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent

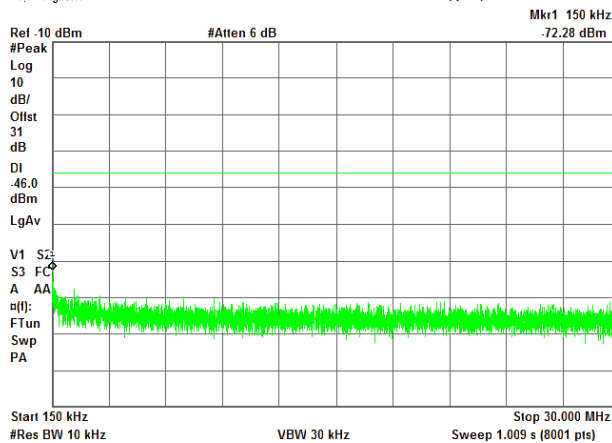
R T



ANTENNA CHAIN: #3

* Agilent

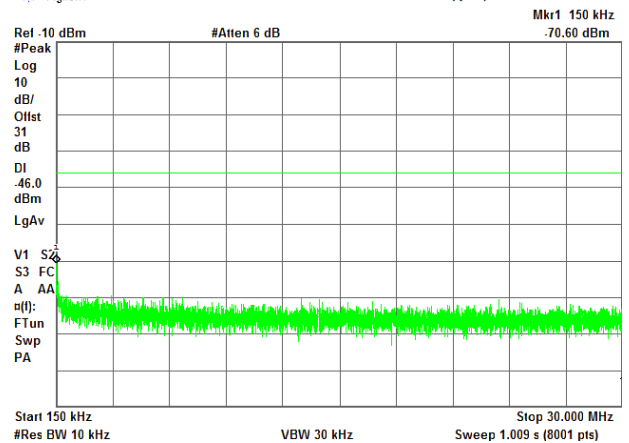
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

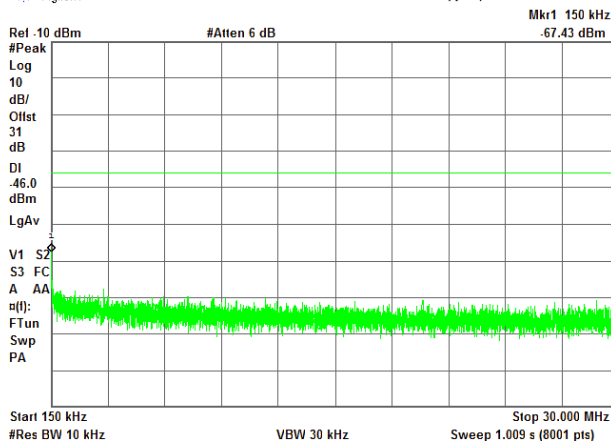
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.32 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

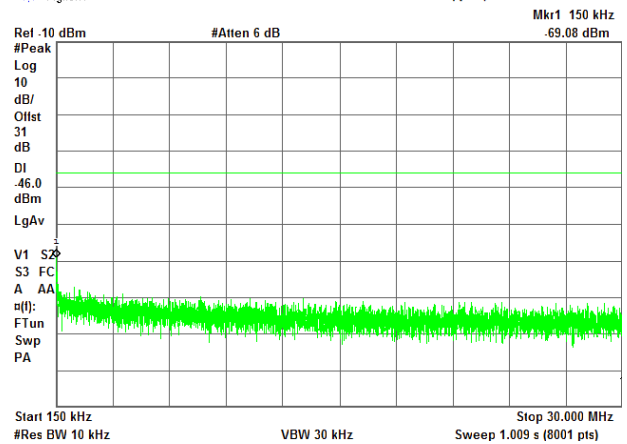
R T



QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent

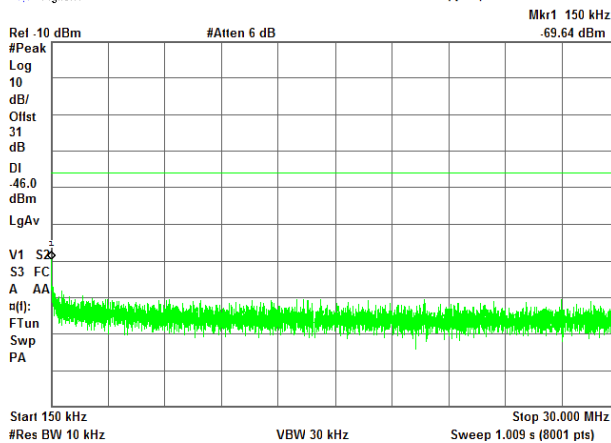
R T



ANTENNA CHAIN: #3

* Agilent

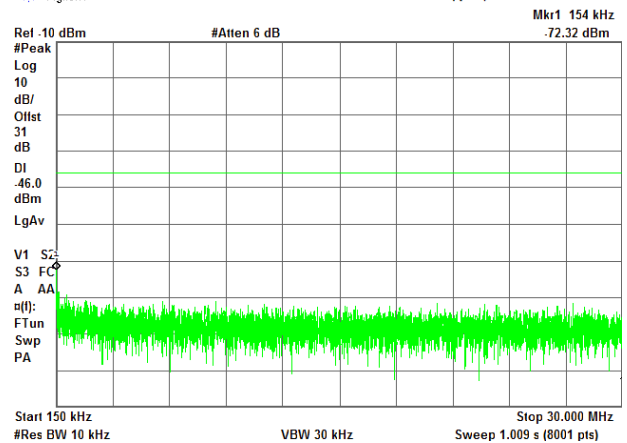
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

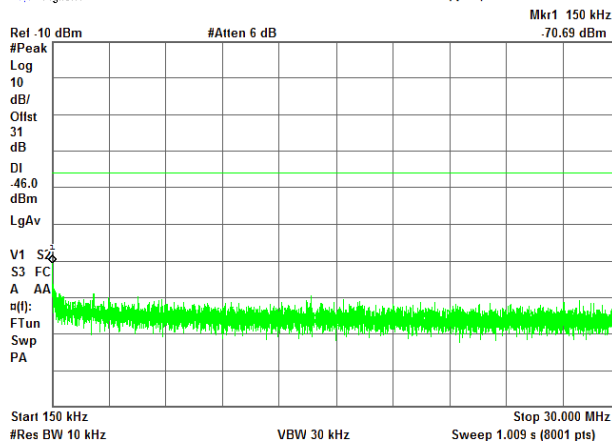
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.33 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

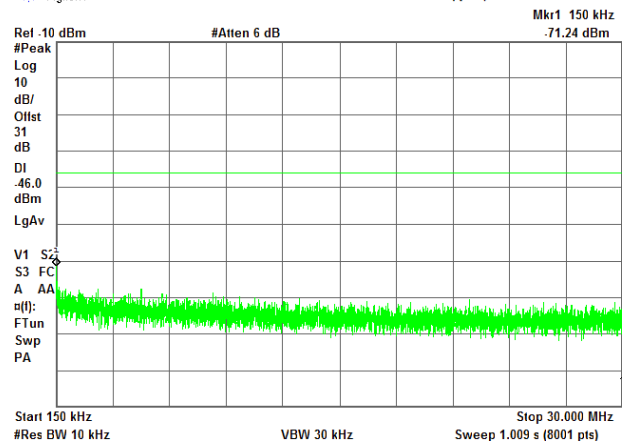
R T



QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent

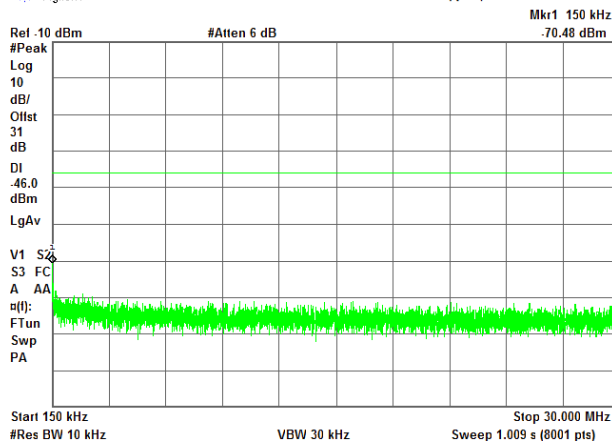
R T



ANTENNA CHAIN: #3

* Agilent

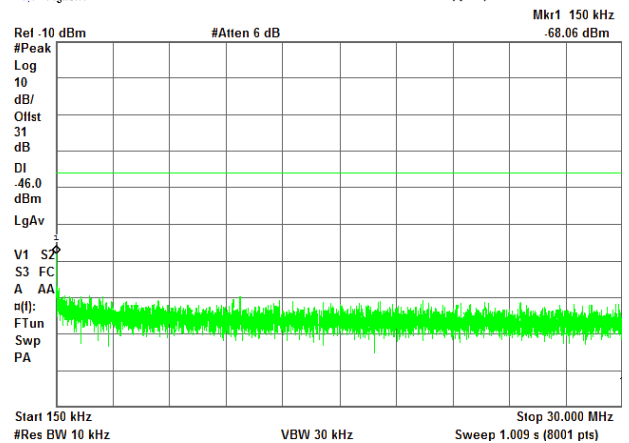
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

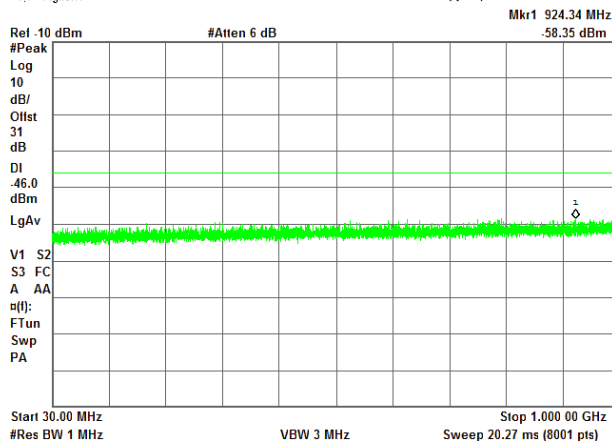
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.34 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

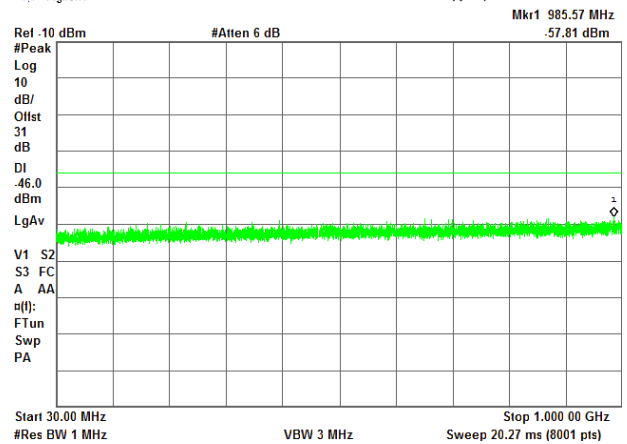
R T



QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent

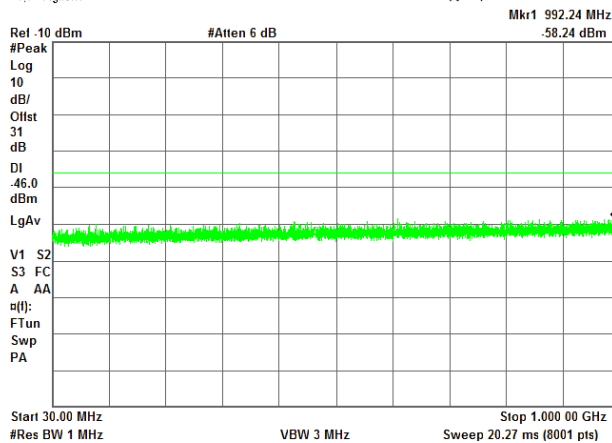
R T



ANTENNA CHAIN: #3

* Agilent

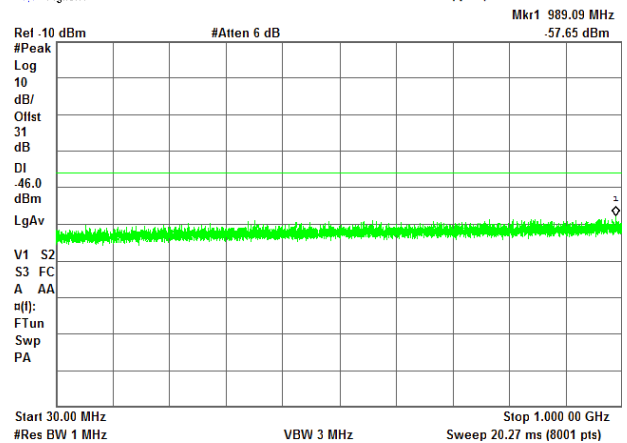
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

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

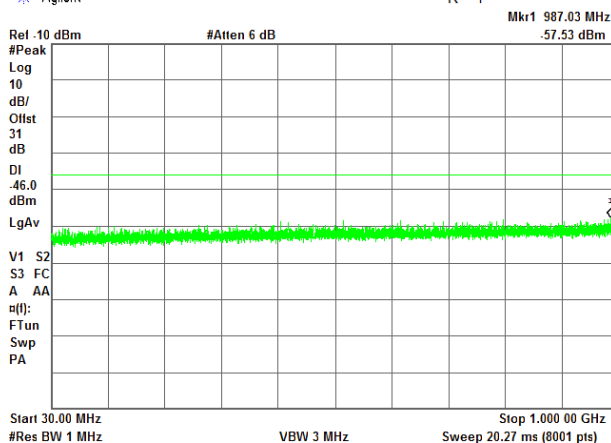
Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure: Section 96.41(e)(3)			
Test mode: Compliance		Verdict: PASS	
Date(s): 25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.35 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

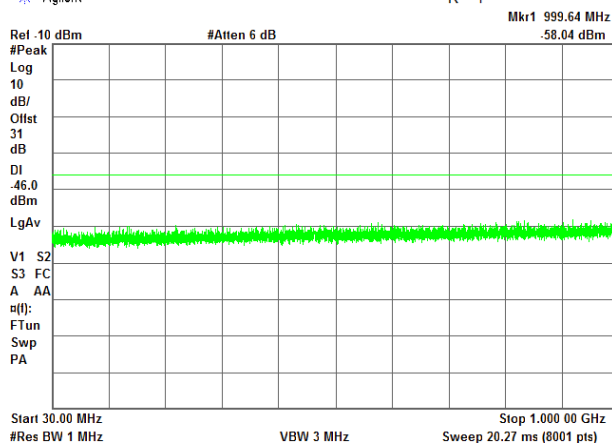
R T



QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent

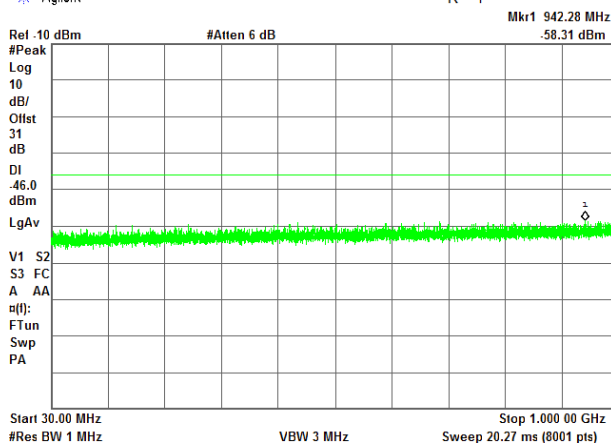
R T



ANTENNA CHAIN: #3

* Agilent

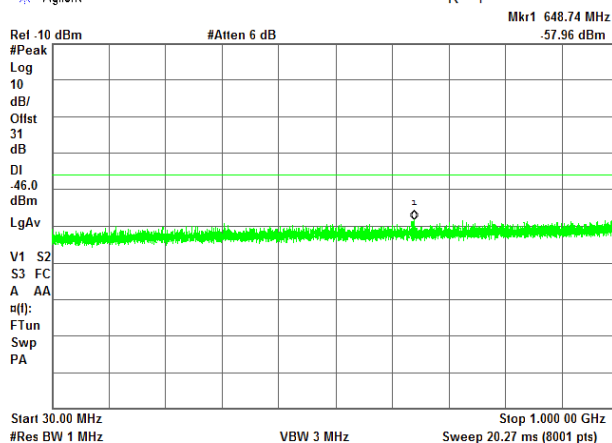
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

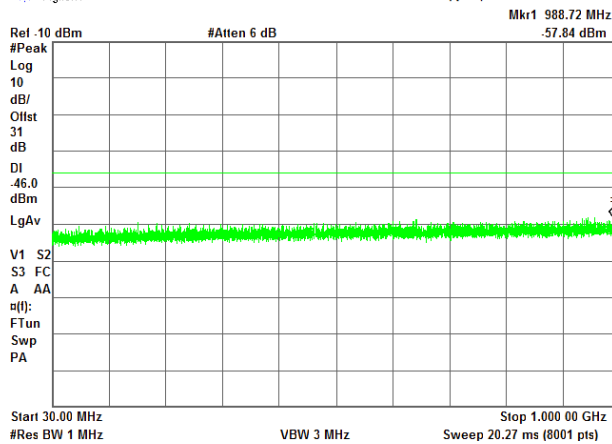
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.36 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

* Agilent

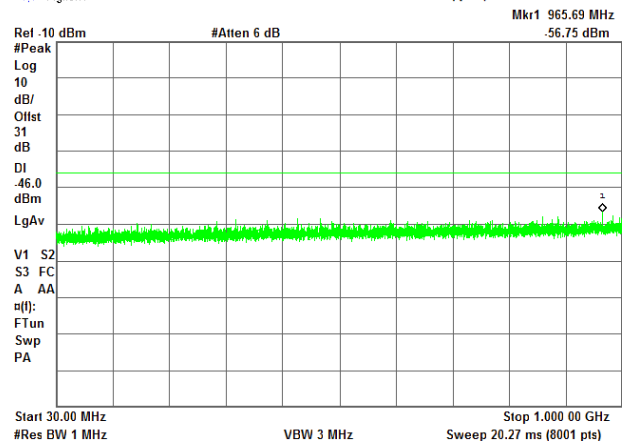
R T



QPSK
20 MHz
ANTENNA CHAIN: #2

* Agilent

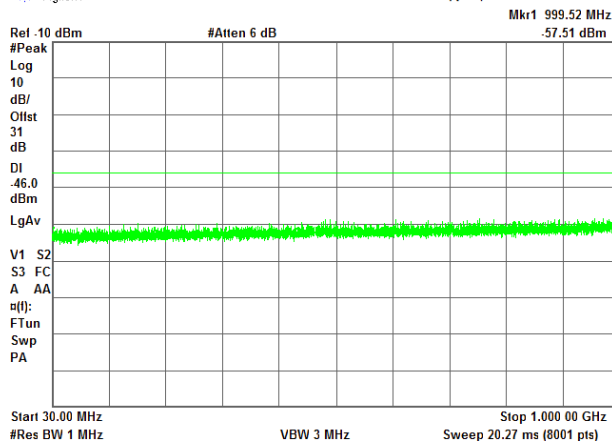
R T



ANTENNA CHAIN: #3

* Agilent

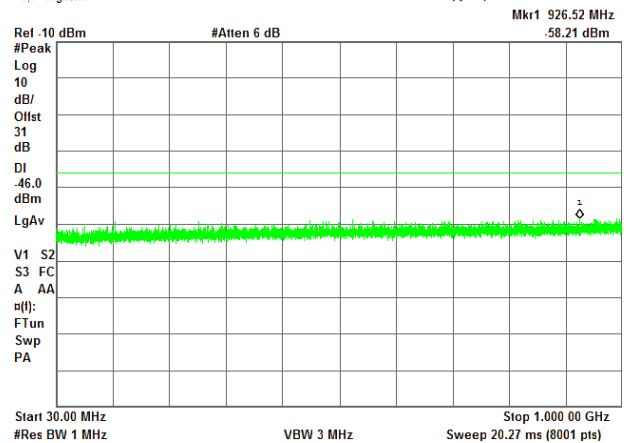
R T



ANTENNA CHAIN: #4

* Agilent

R T





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Report ID: AIRRAD_FCC.42554_CL2C_30MHz

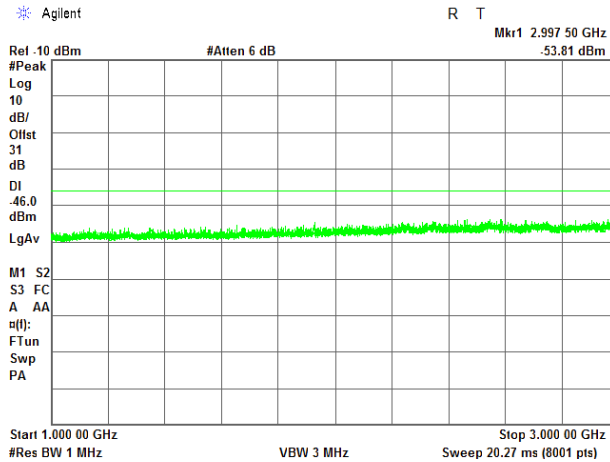
Date of Issue: 8-Dec-21

Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		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 7.6.37 Spurious emission measurements in 1000 - 3000 MHz range at low carrier frequency

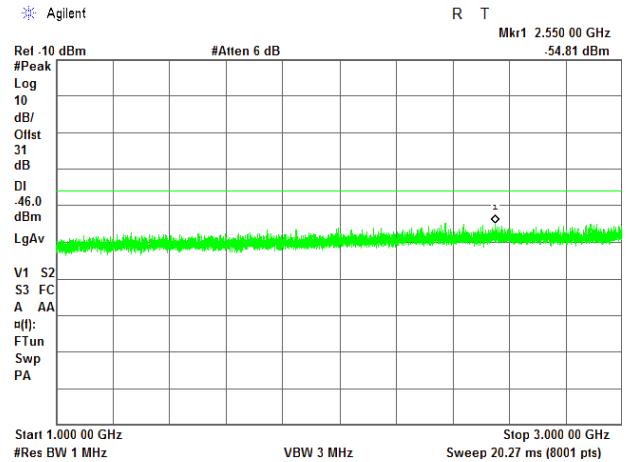
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

✱ Agilent



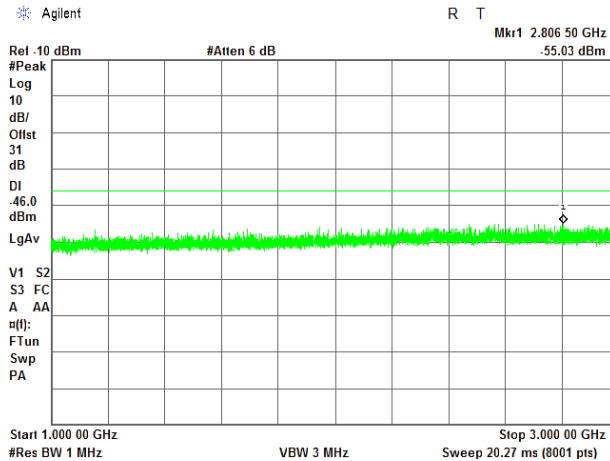
QPSK
20 MHz
ANTENNA CHAIN: #2

✱ Agilent



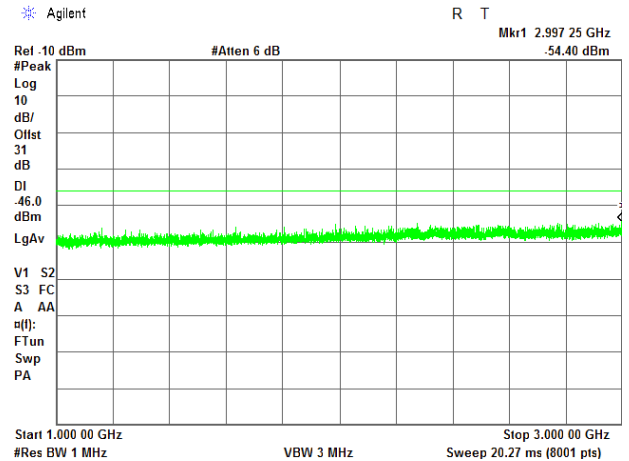
ANTENNA CHAIN: #3

✱ Agilent



ANTENNA CHAIN: #4

✱ Agilent





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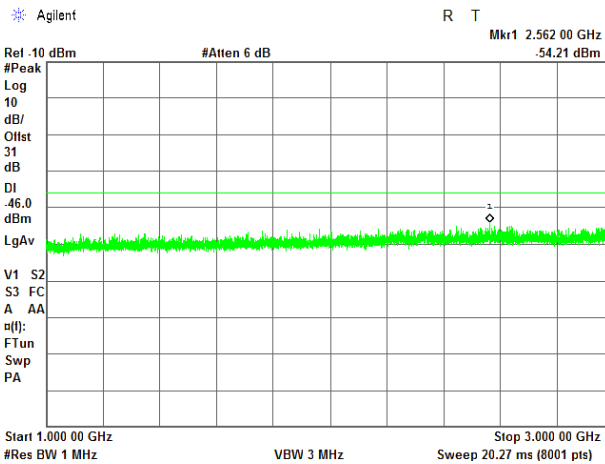
Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

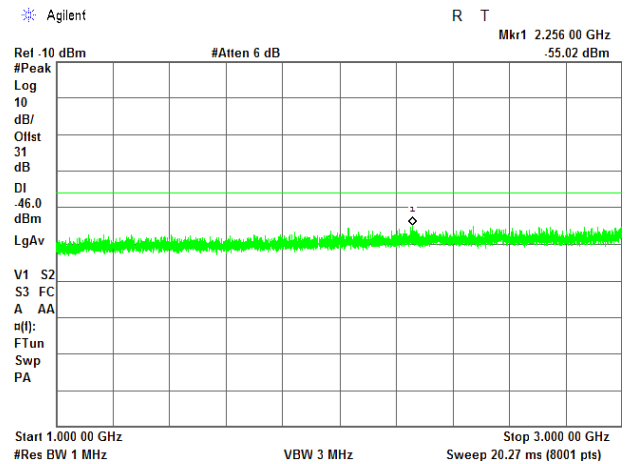
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.38 Spurious emission measurements in 1000 - 3000 MHz range at mid carrier frequency

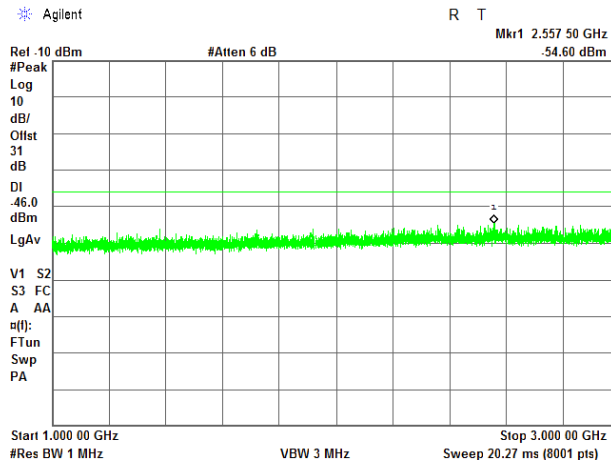
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1



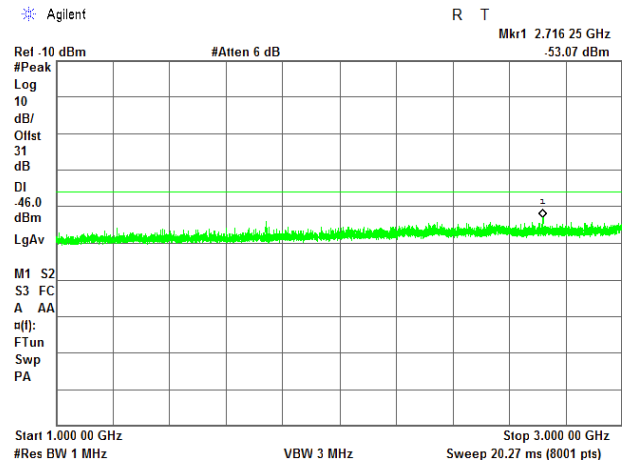
QPSK
20 MHz
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4





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:		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:			

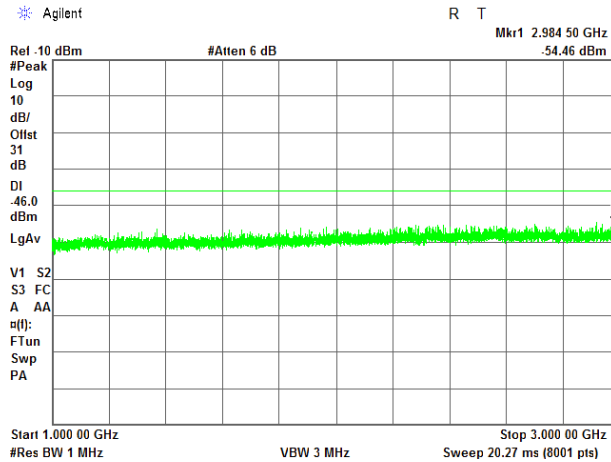
Plot 7.6.39 Spurious emission measurements in 1000 - 3000 MHz range at high carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

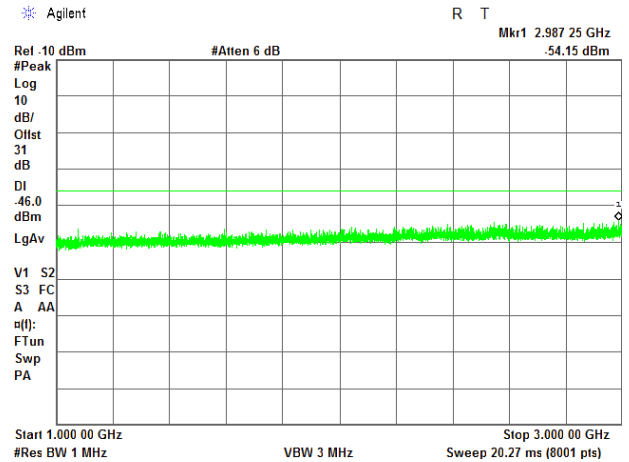


QPSK

20 MHz

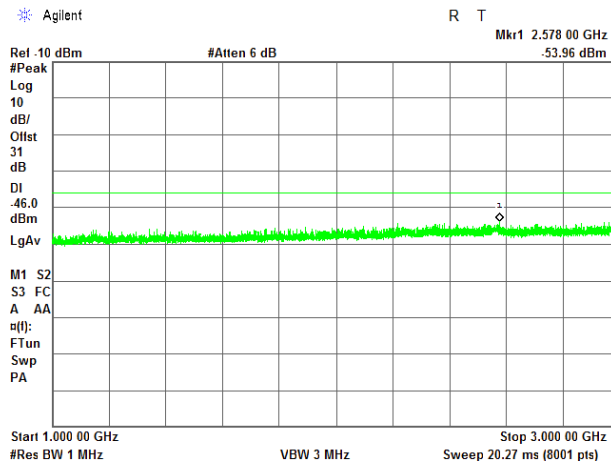
ANTENNA CHAIN: #2

* Agilent



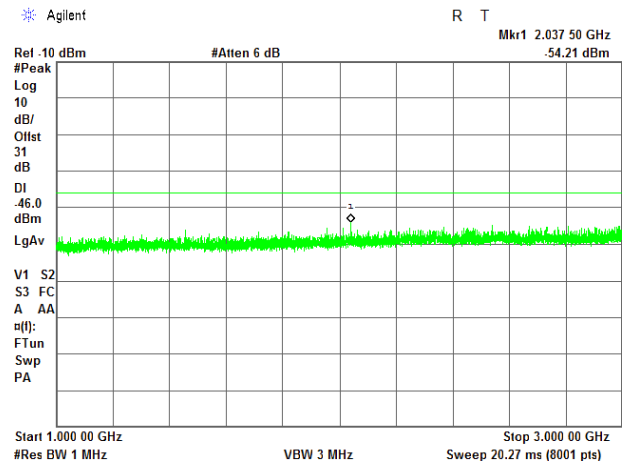
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





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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:		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 7.6.40 Spurious emission measurements in 3000 - 3470 MHz range at low carrier frequency

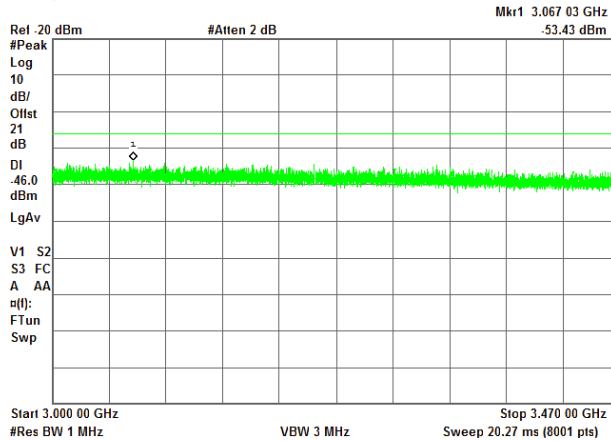
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

R T



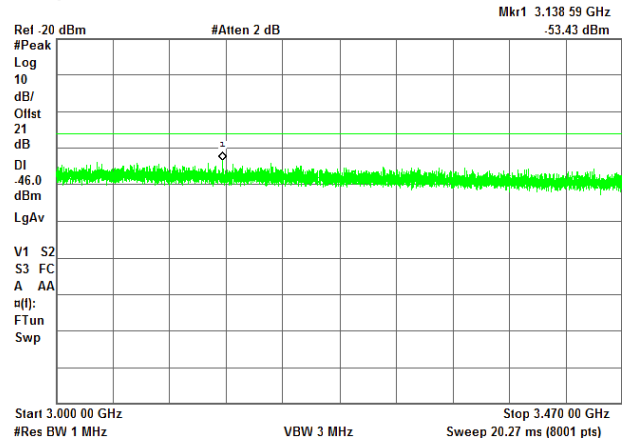
QPSK

20 MHz

ANTENNA CHAIN: #2

* Agilent

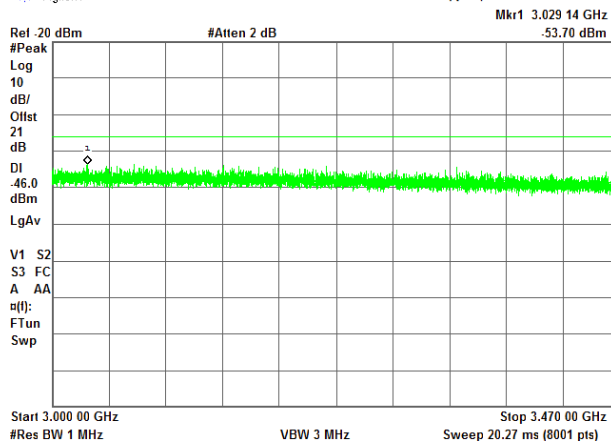
R T



ANTENNA CHAIN: #3

* Agilent

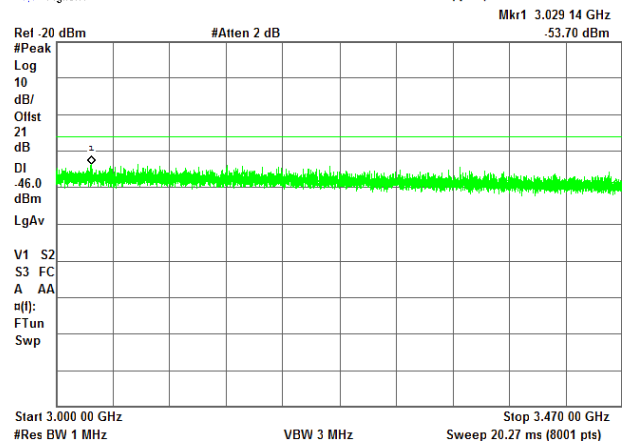
R T



ANTENNA CHAIN: #4

* Agilent

R T





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:		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:			

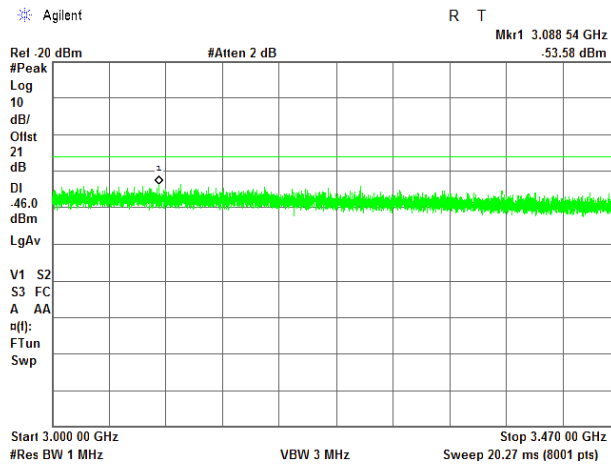
Plot 7.6.41 Spurious emission measurements in 3000 - 3470 MHz range at mid carrier frequency

MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

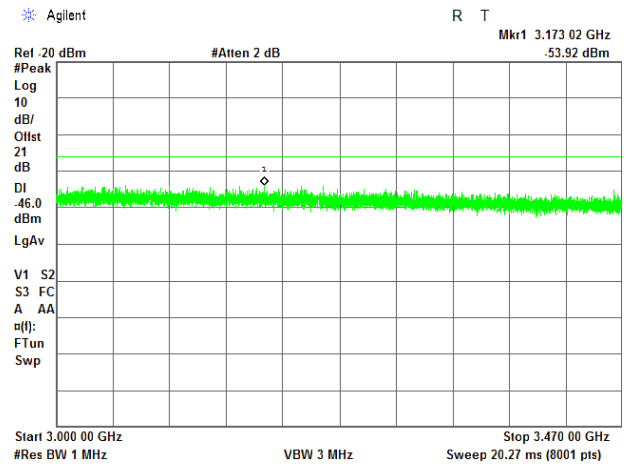


QPSK

20 MHz

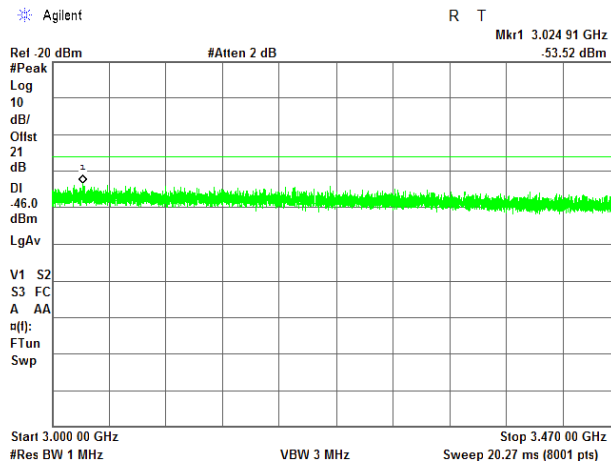
ANTENNA CHAIN: #2

* Agilent



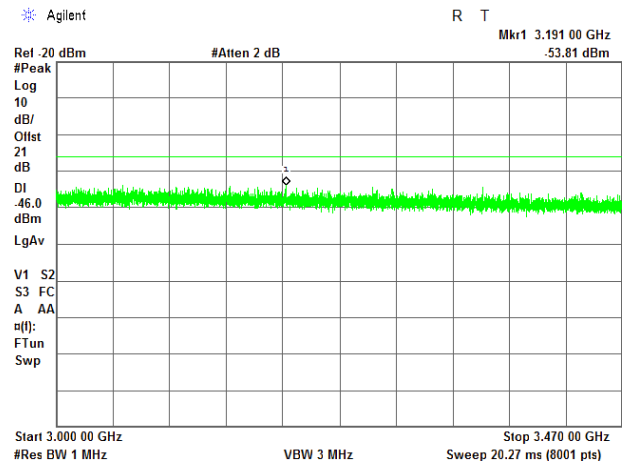
ANTENNA CHAIN: #3

* Agilent



ANTENNA CHAIN: #4

* Agilent





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:		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 7.6.42 Spurious emission measurements in 3000 - 3470 MHz range at high carrier frequency

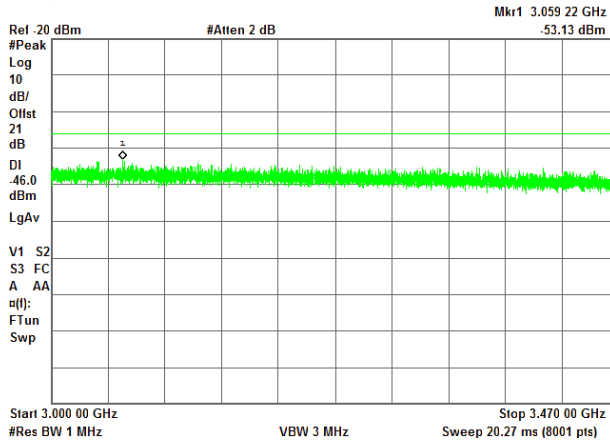
MODULATION:

CHANNEL SPACING:

ANTENNA CHAIN: #1

* Agilent

R T



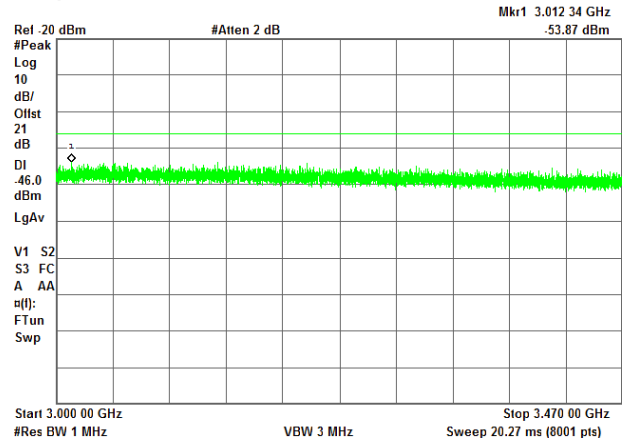
QPSK

20 MHz

ANTENNA CHAIN: #2

* Agilent

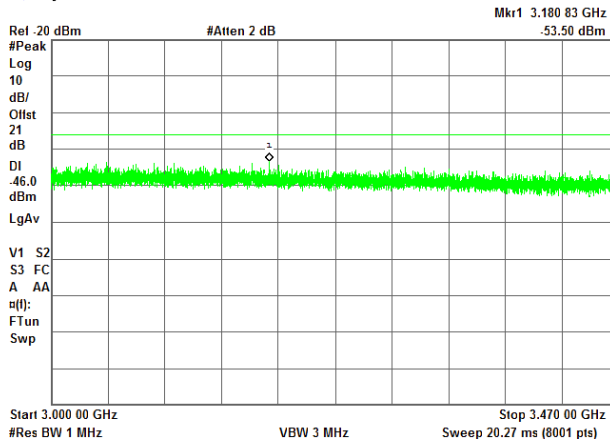
R T



ANTENNA CHAIN: #3

* Agilent

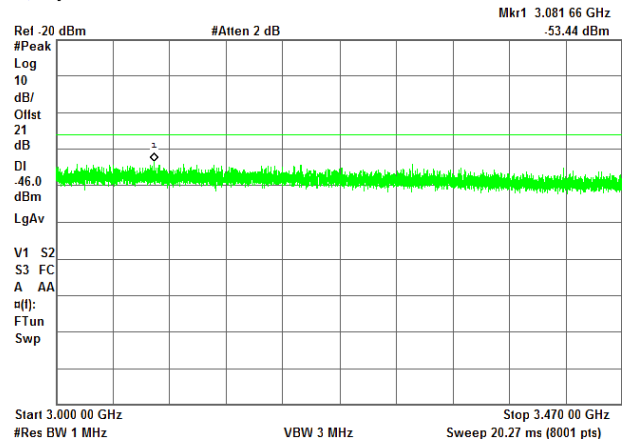
R T



ANTENNA CHAIN: #4

* Agilent

R T





HERMON LABORATORIES

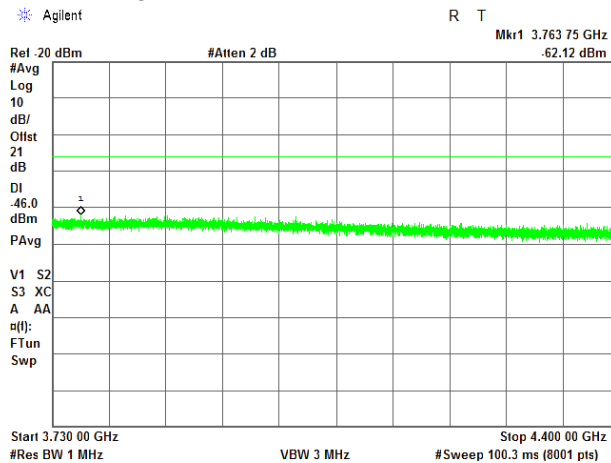
Report ID: AIRRAD_FCC.42554_CL2C_30MHz

Date of Issue: 8-Dec-21

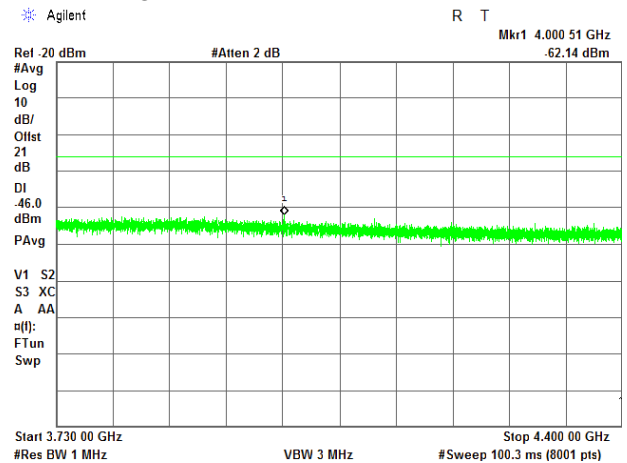
Test specification:		Section 96.41(e)(3), Conducted spurious emissions	
Test procedure:		Section 96.41(e)(3)	
Test mode:		Verdict: PASS	
Date(s):			
25-Aug-21 – 24-Nov-21			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

Plot 7.6.43 Spurious emission measurements in 3730 - 4400 MHz range at low carrier frequency

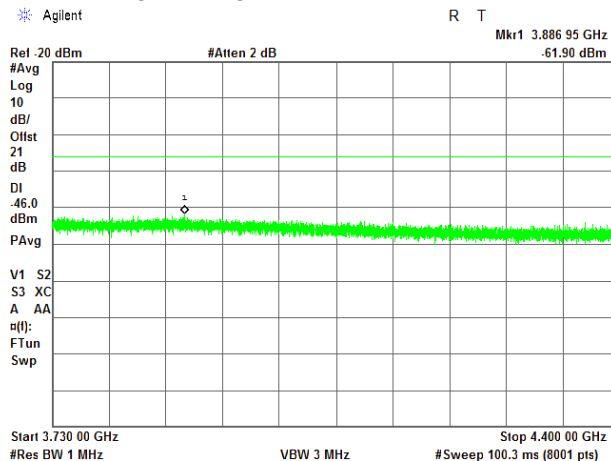
MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1



QPSK
20 MHz
ANTENNA CHAIN: #2



ANTENNA CHAIN: #3



ANTENNA CHAIN: #4

