



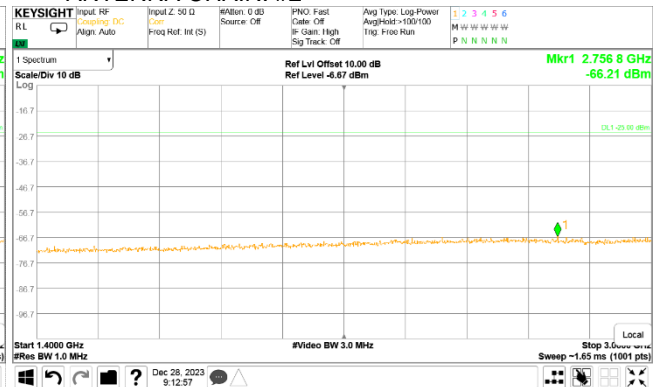
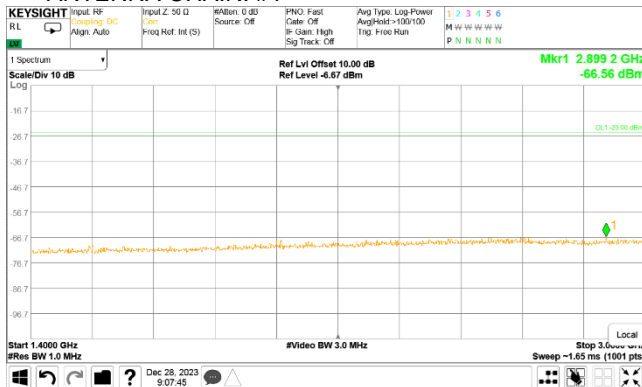
HERMON LABORATORIES

Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Verdict: PASS	
Date(s):			
03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.11 Spurious emission measurements in 1400 - 3000 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

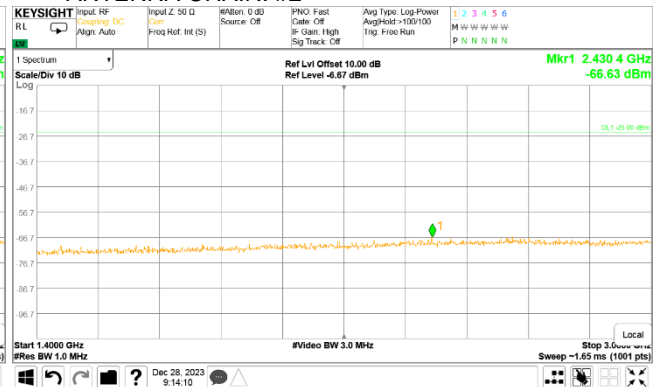
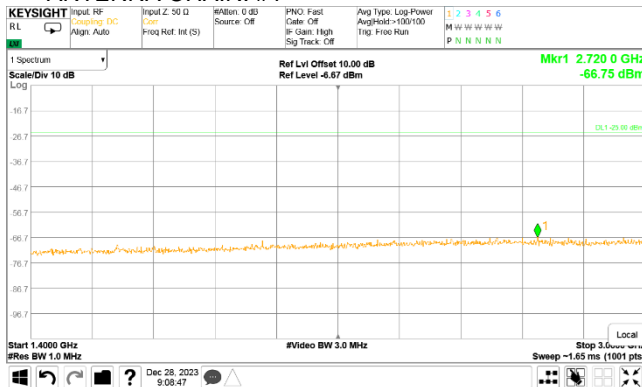
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.12 Spurious emission measurements in 1400 - 3000 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





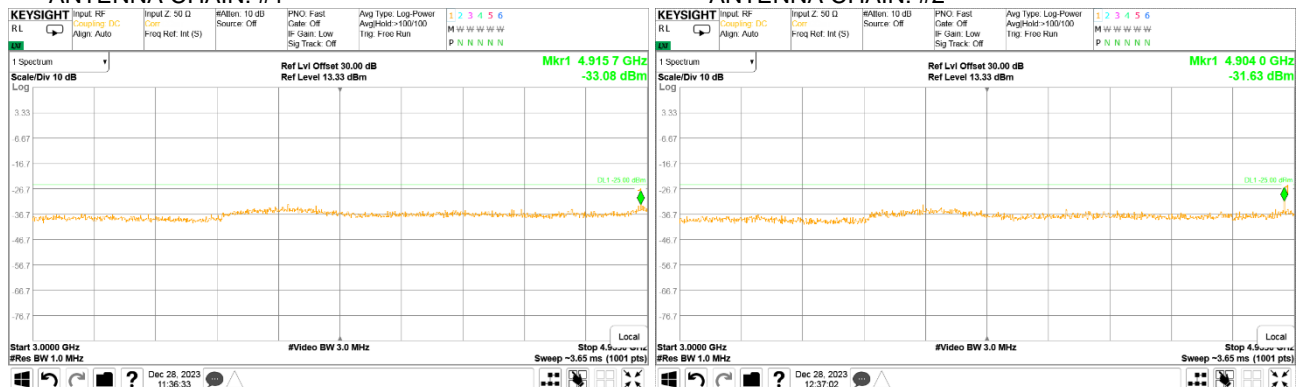
HERMON LABORATORIES

Test specification: Section 90.210, Conducted spurious emissions			
Test procedure: 47 CFR, Sections 2.1051 and 90.210(m)			
Test mode: Compliance		Verdict: PASS	
Date(s): 03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.13 Spurious emission measurements in 3000 - 4935 GHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

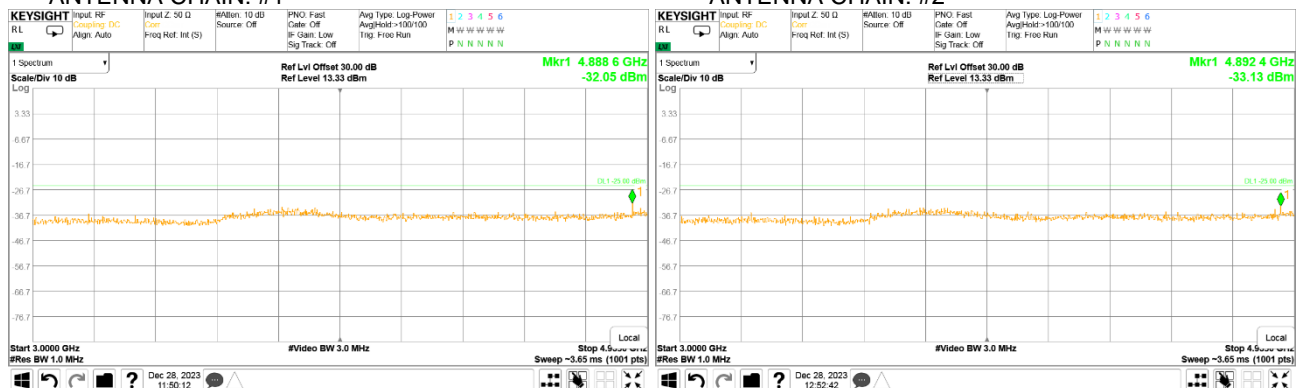
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.14 Spurious emission measurements in 3000 - 4935 range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





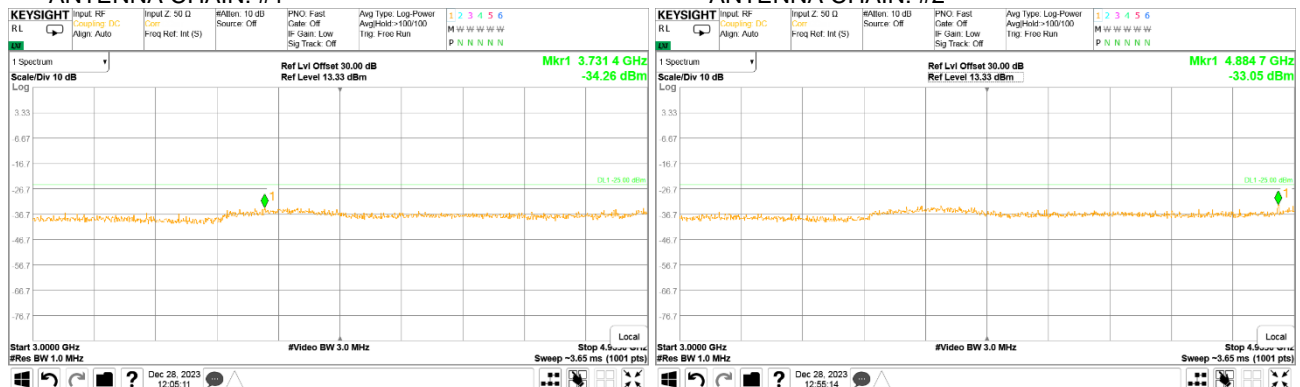
HERMON LABORATORIES

Test specification: Section 90.210, Conducted spurious emissions			
Test procedure: 47 CFR, Sections 2.1051 and 90.210(m)			
Test mode: Compliance		Verdict: PASS	
Date(s): 03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.15 Spurious emission measurements in 3000 - 4935 range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

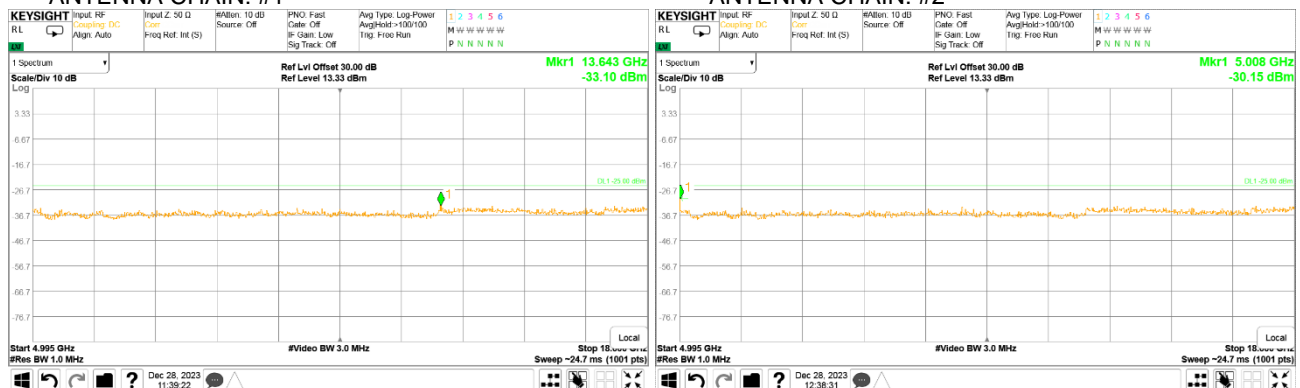
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.16 Spurious emission measurements in 4995 - 18000 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





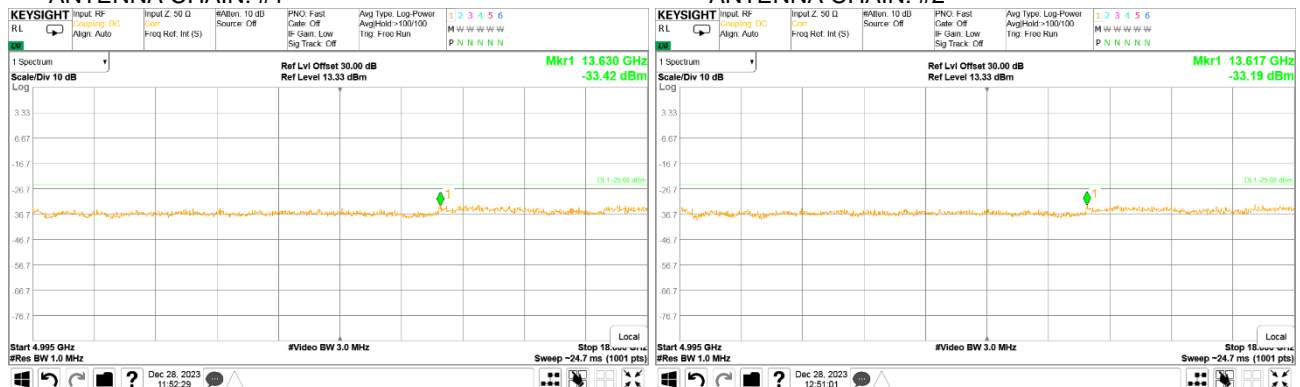
HERMON LABORATORIES

Test specification: Section 90.210, Conducted spurious emissions			
Test procedure: 47 CFR, Sections 2.1051 and 90.210(m)			
Test mode: Compliance		Verdict: PASS	
Date(s): 03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.17 Spurious emission measurements in 4995 - 18000 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

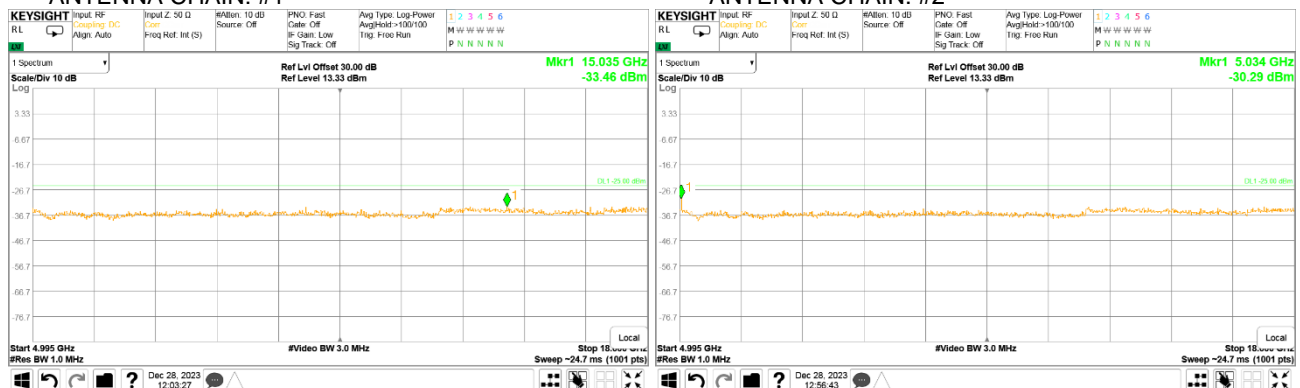
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.18 Spurious emission measurements in 4995 - 18000 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





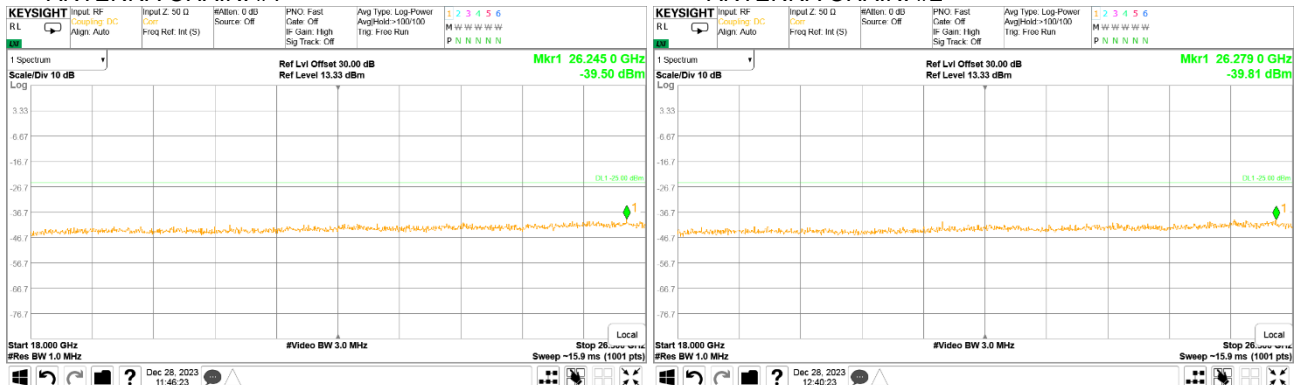
HERMON LABORATORIES

Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Verdict: PASS	
Date(s):			
03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.19 Spurious emission measurements in 18 – 26.5 GHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

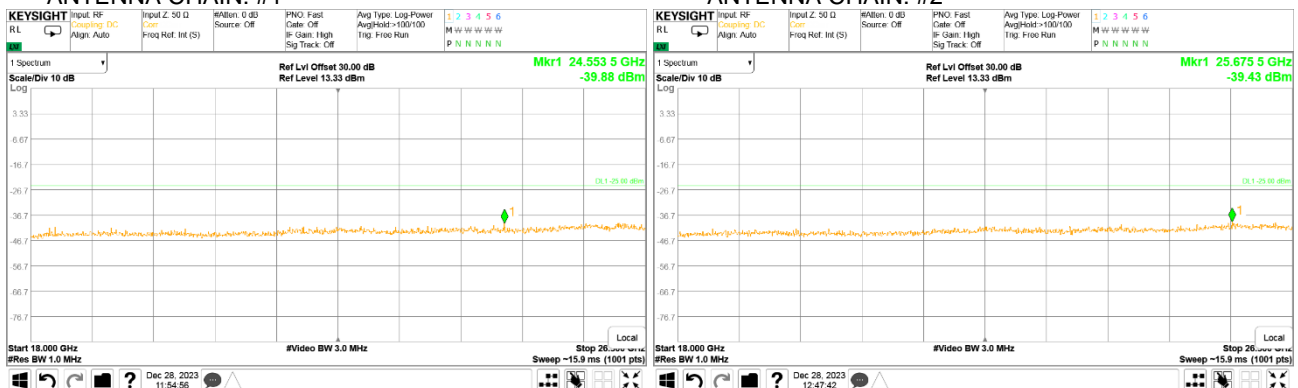
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.20 Spurious emission measurements in 18 – 26.5 GHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2

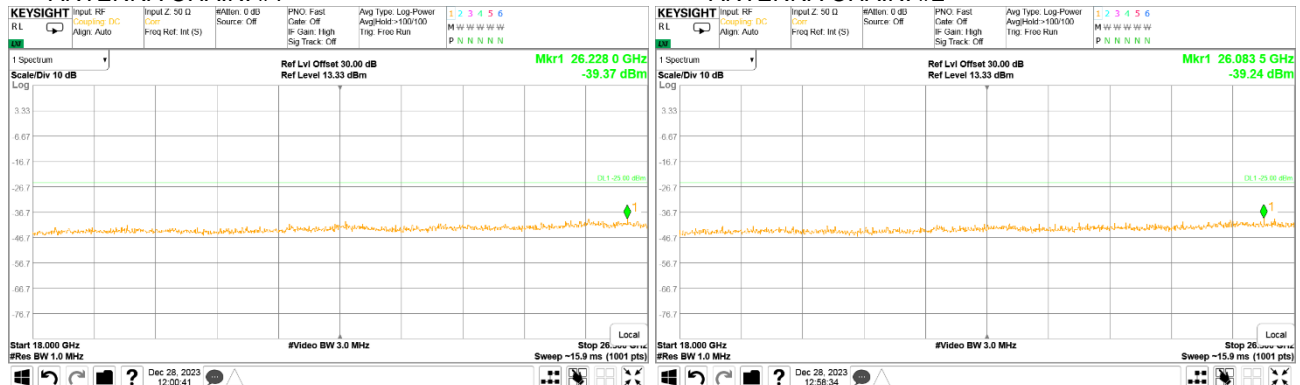


Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Compliance	Verdict: PASS
Date(s):		03-Jan-24	
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.21 Spurious emission measurements in 18 – 26.5 GHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

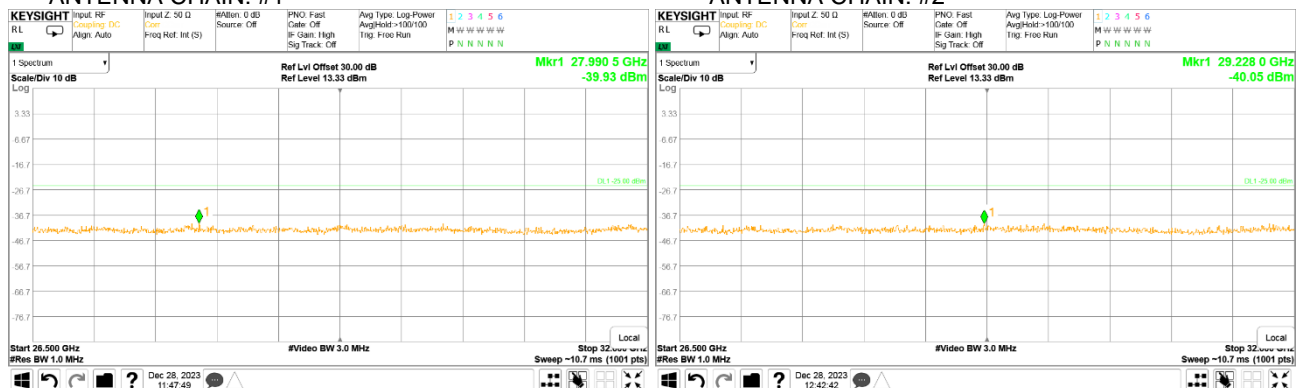
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.22 Spurious emission measurements in 26.5 - 32 GHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





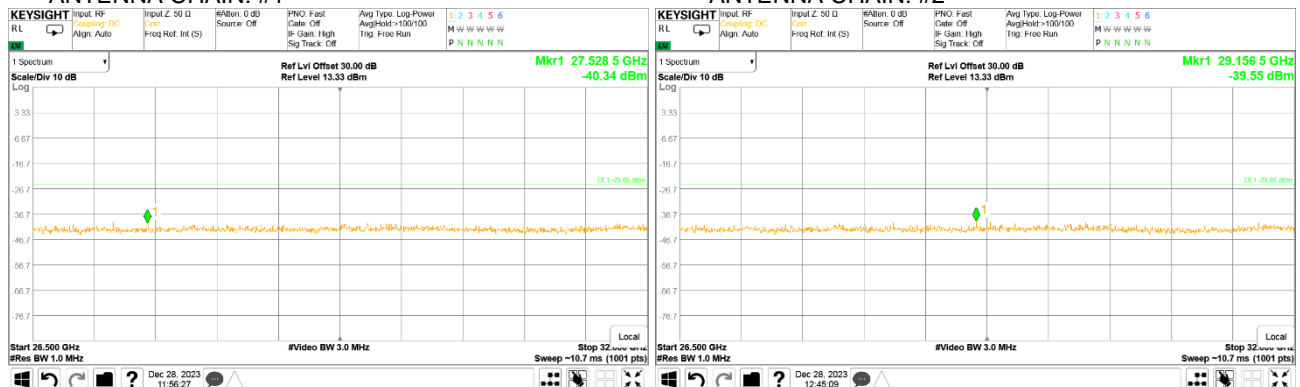
HERMON LABORATORIES

Test specification: Section 90.210, Conducted spurious emissions			
Test procedure: 47 CFR, Sections 2.1051 and 90.210(m)			
Test mode: Compliance		Verdict: PASS	
Date(s): 03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.23 Spurious emission measurements in 26.5 - 32 GHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

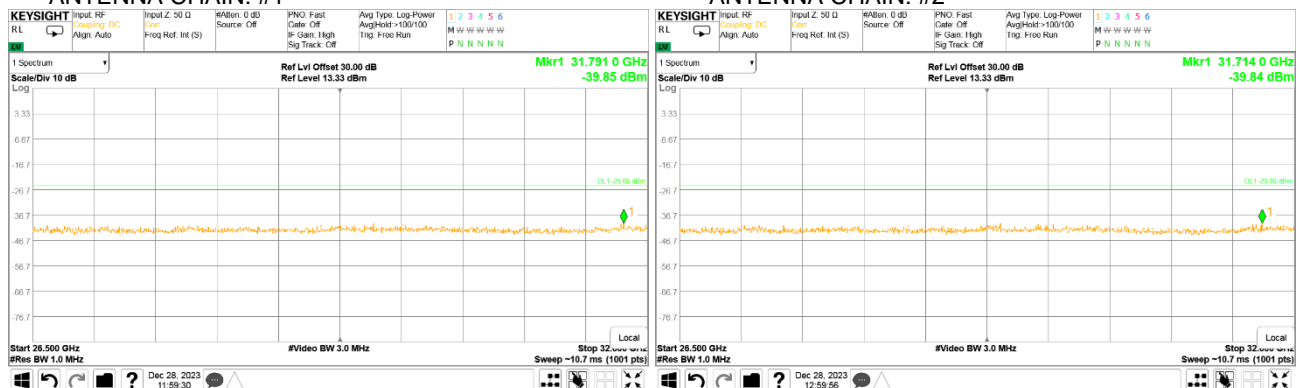
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.24 Spurious emission measurements in 26.5 - 32 GHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





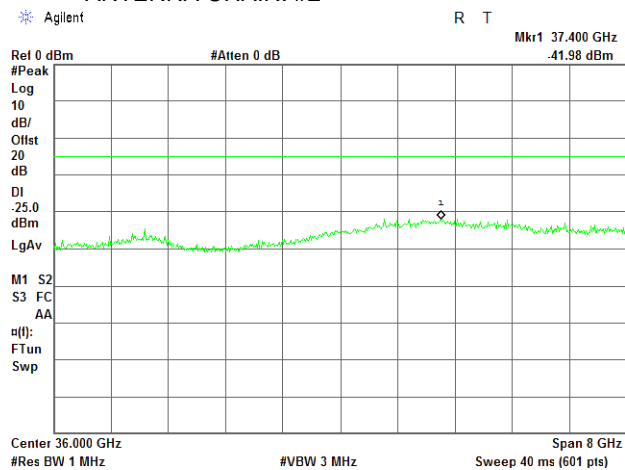
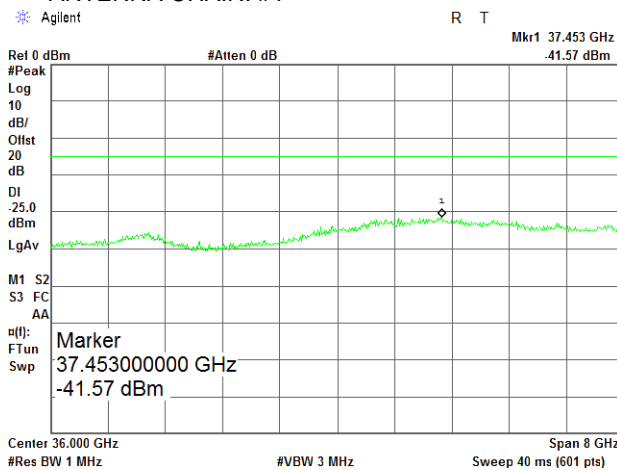
HERMON LABORATORIES

Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Verdict: PASS	
Date(s):			
03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.25 Spurious emission measurements in 32 - 40 GHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

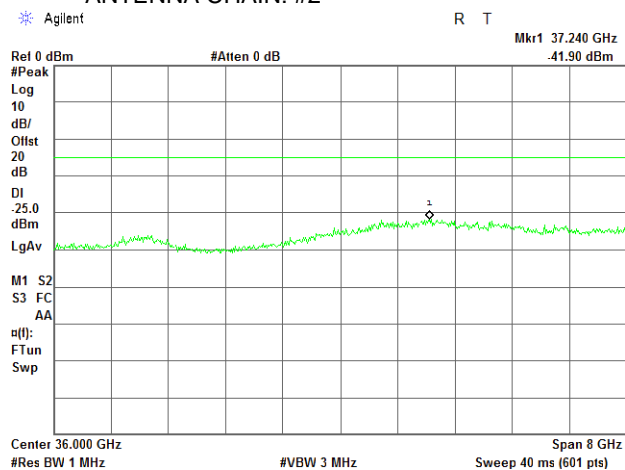
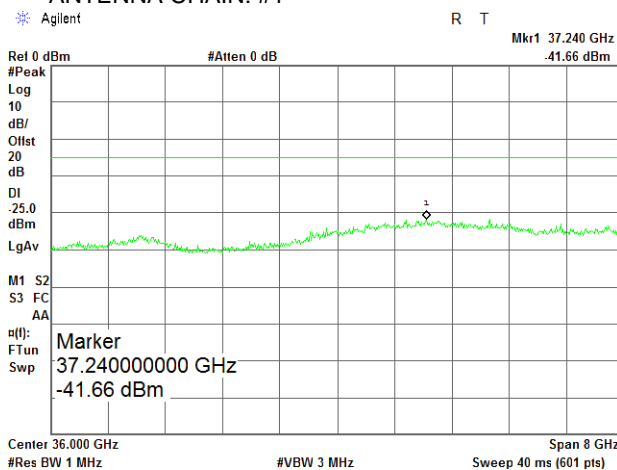
QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2



Plot 7.5.26 Spurious emission measurements in 32 - 40 GHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





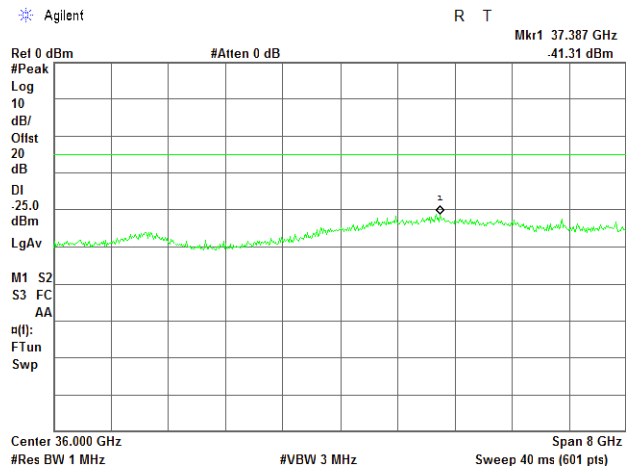
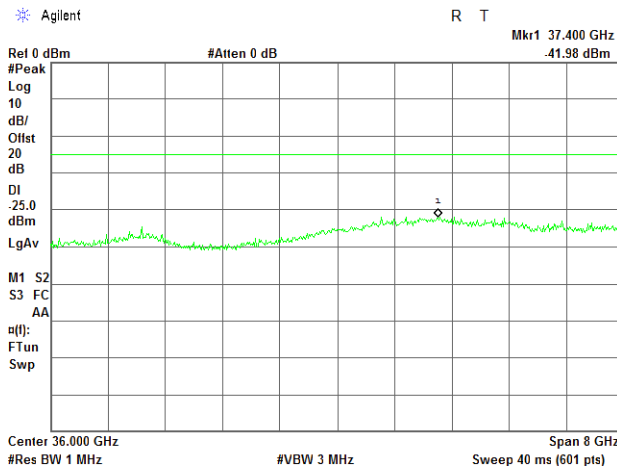
HERMON LABORATORIES

Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Verdict: PASS	
Date(s):			
03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.27 Spurious emission measurements in 32 - 40 GHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
10 MHz
ANTENNA CHAIN: #2





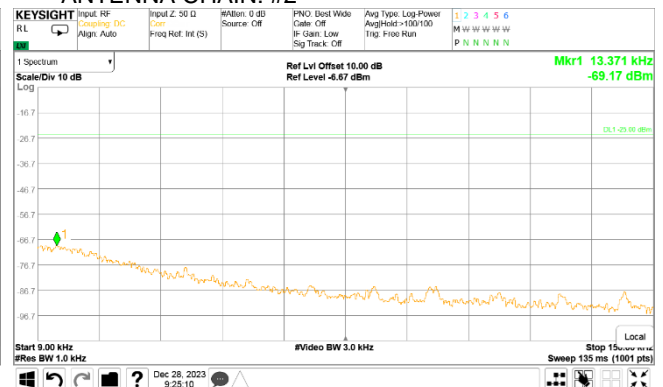
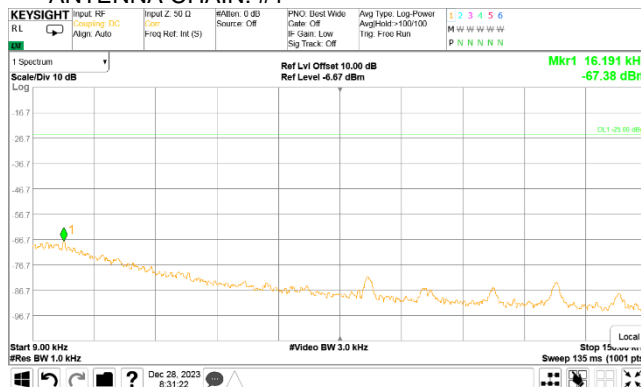
HERMON LABORATORIES

Test specification: Section 90.210, Conducted spurious emissions			
Test procedure: 47 CFR, Sections 2.1051 and 90.210(m)			
Test mode: Compliance		Verdict: PASS	
Date(s): 03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.28 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

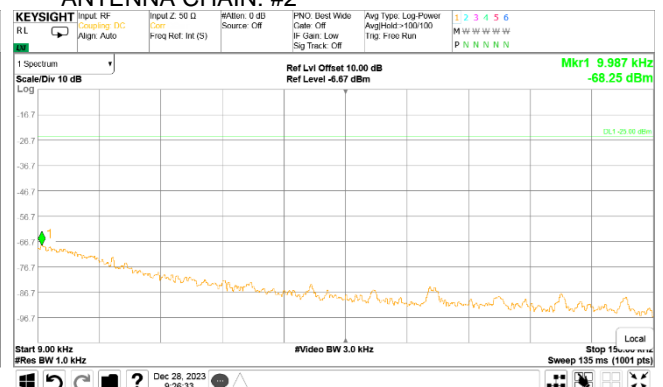
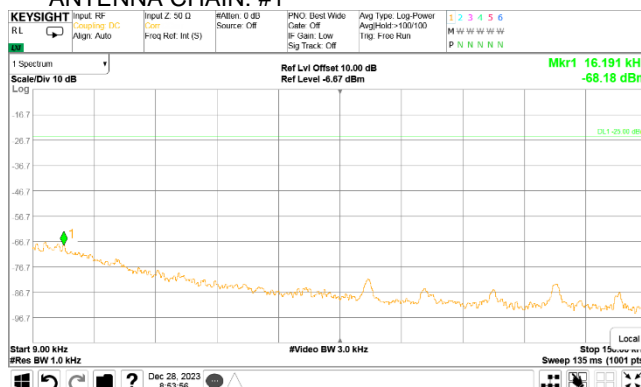
QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2



Plot 7.5.29 Spurious emission measurements in 9 kHz - 150 kHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2





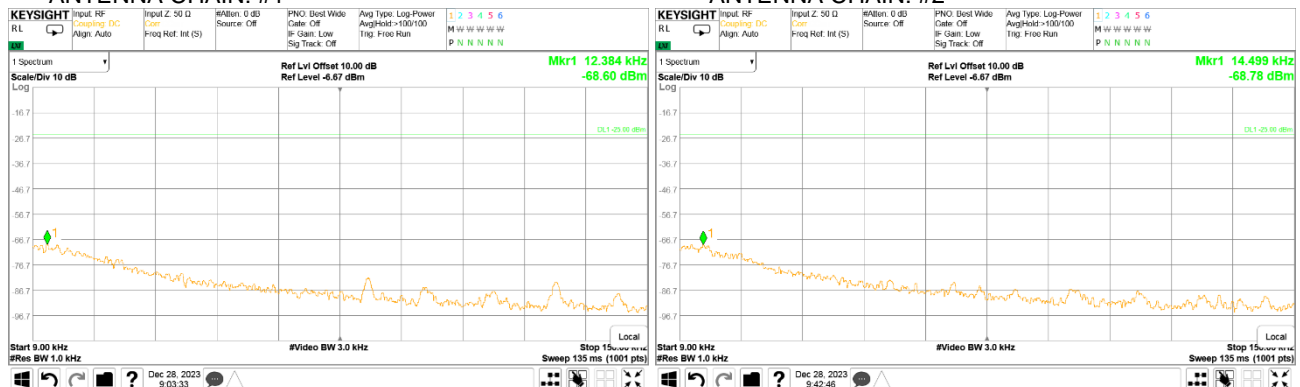
HERMON LABORATORIES

Test specification: Section 90.210, Conducted spurious emissions			
Test procedure: 47 CFR, Sections 2.1051 and 90.210(m)			
Test mode: Compliance		Verdict: PASS	
Date(s): 03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.30 Spurious emission measurements in 9 kHz - 150 kHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

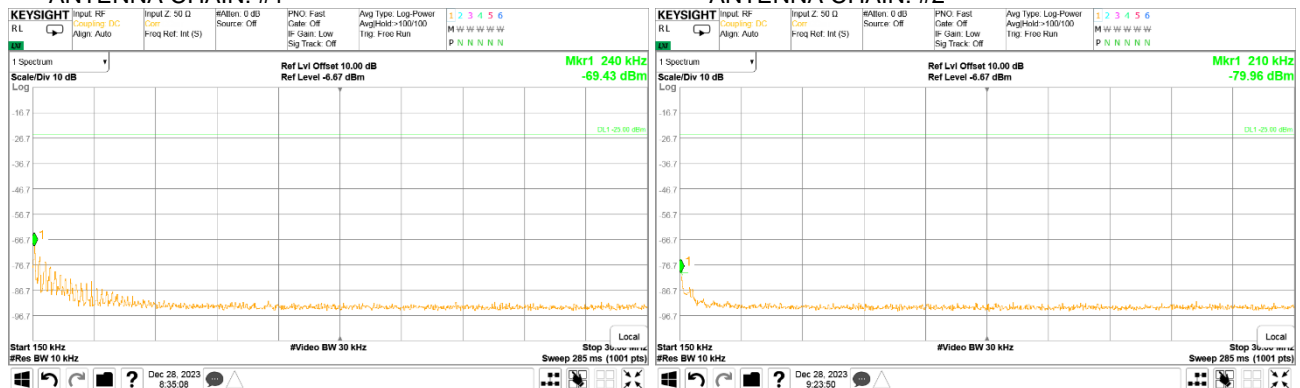
QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2



Plot 7.5.31 Spurious emission measurements in 150 kHz – 30 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2





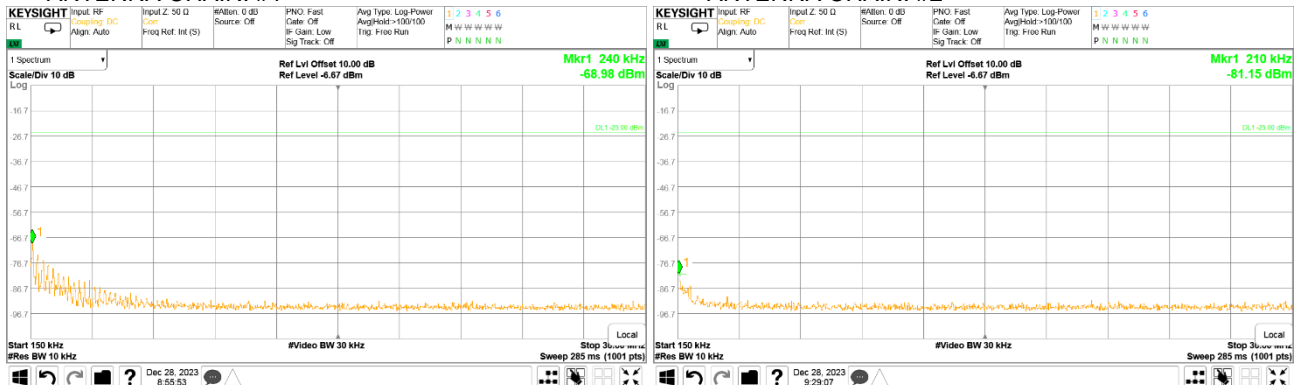
HERMON LABORATORIES

Test specification: Section 90.210, Conducted spurious emissions			
Test procedure: 47 CFR, Sections 2.1051 and 90.210(m)			
Test mode: Compliance		Verdict: PASS	
Date(s): 03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.32 Spurious emission measurements in 150 kHz – 30 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

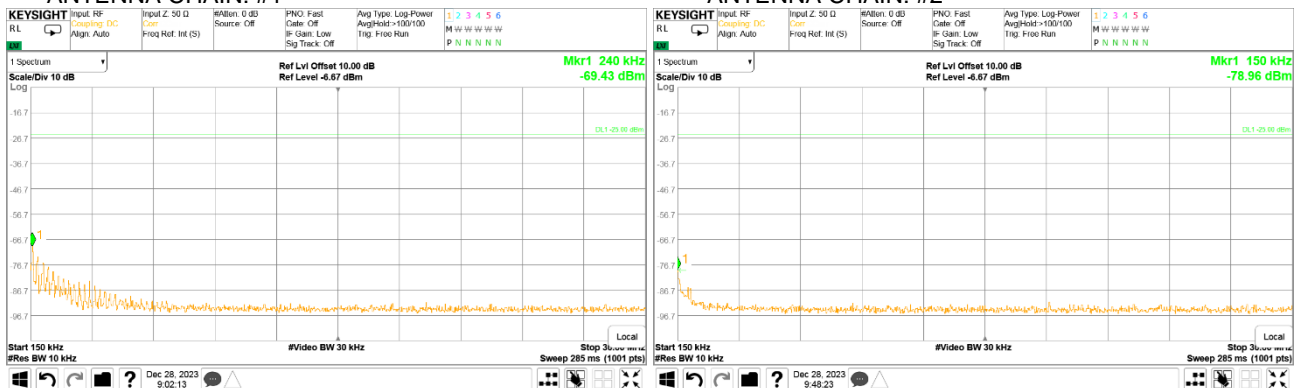
QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2



Plot 7.5.33 Spurious emission measurements in 150 kHz – 30 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2

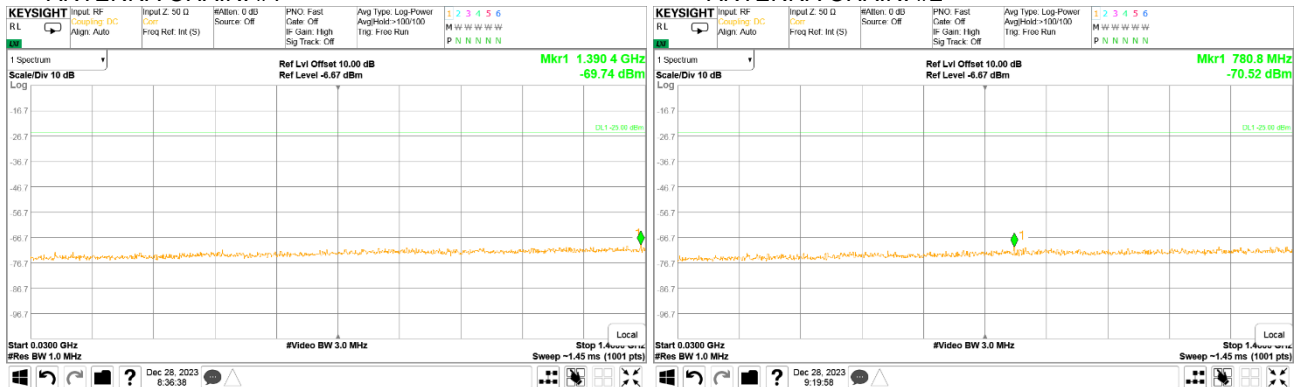


Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Verdict: PASS	
Date(s):			
03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.34 Spurious emission measurements in 30 - 1400 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

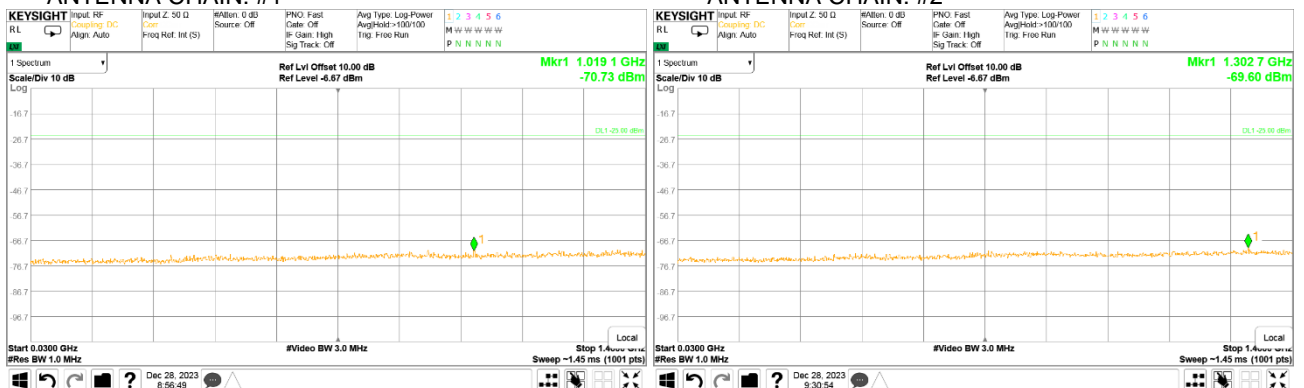
QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2



Plot 7.5.35 Spurious emission measurements in 30 - 1400 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2





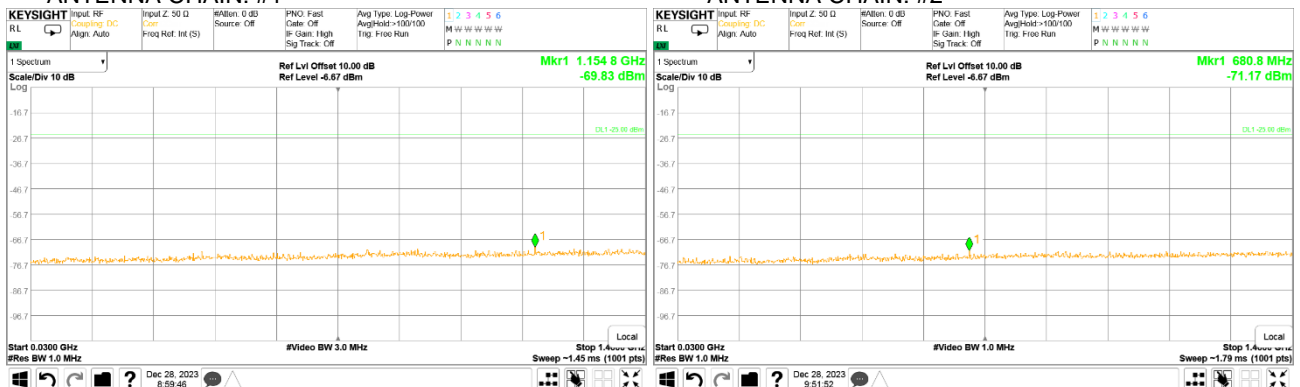
HERMON LABORATORIES

Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Verdict: PASS	
Date(s):			
03-Jan-24			
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.36 Spurious emission measurements in 30 - 1400 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

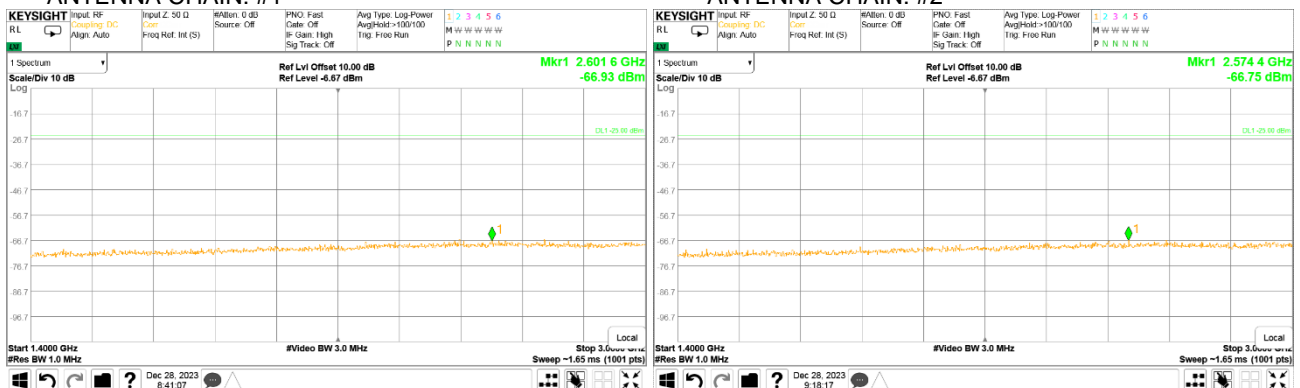
QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2



Plot 7.5.37 Spurious emission measurements in 1400 - 3000 MHz range at low carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2

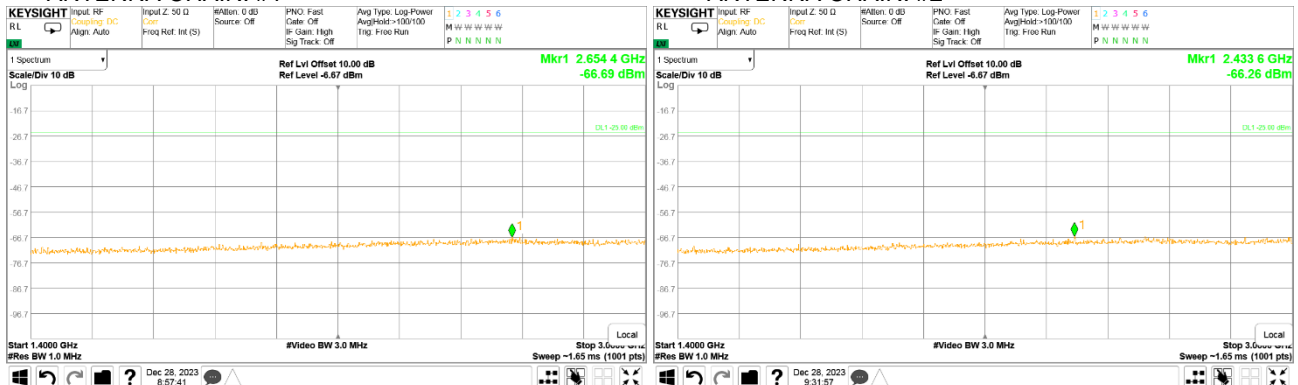


Test specification:		Section 90.210, Conducted spurious emissions	
Test procedure:		47 CFR, Sections 2.1051 and 90.210(m)	
Test mode:		Compliance	Verdict: PASS
Date(s):		03-Jan-24	
Temperature: 23 °C	Relative Humidity: 44 %	Air Pressure: 1016 hPa	Power: 48 VDC
Remarks:			

Plot 7.5.38 Spurious emission measurements in 1400 - 3000 MHz range at mid carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2



Plot 7.5.39 Spurious emission measurements in 1400 - 3000 MHz range at high carrier frequency

MODULATION:
CHANNEL SPACING:
ANTENNA CHAIN: #1

QPSK (worst case variant)
25 MHz
ANTENNA CHAIN: #2

