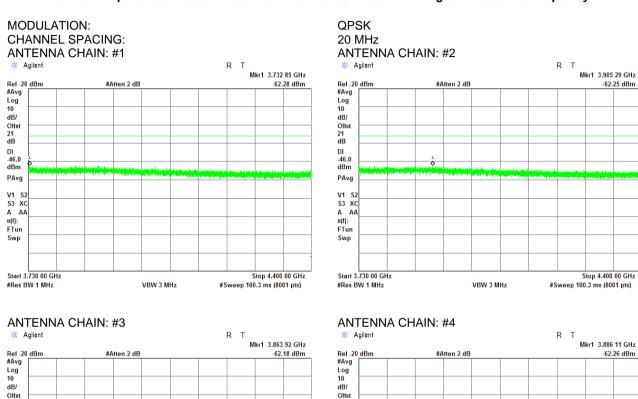
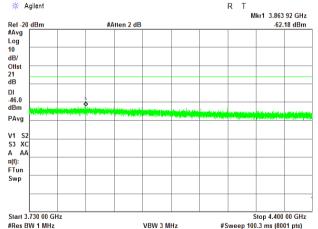
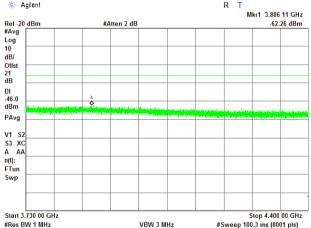


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.44 Spurious emission measurements in 3730 - 4400 MHz range at mid carrier frequency







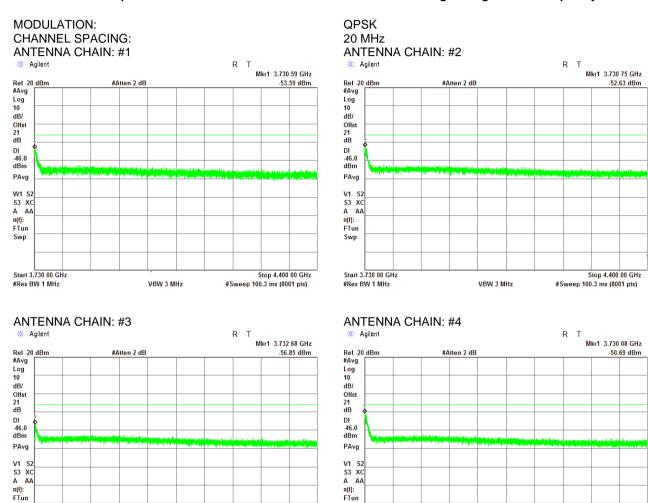


Start 3.730 00 GHz

#Res BW 1 MHz

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	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.45 Spurious emission measurements in 3730 - 4400 MHz range at high carrier frequency



Stop 4.400 00 GHz

#Sweep 100.3 ms (8001 pts)

VBW 3 MHz

Start 3.730 00 GHz

#Res BW 1 MHz

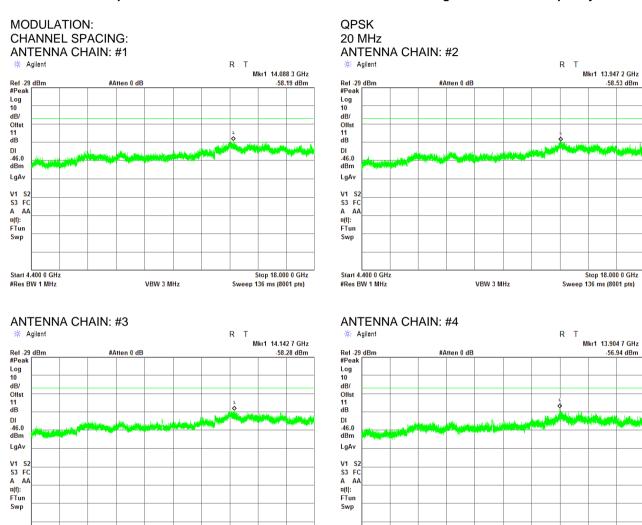
Stop 4.400 00 GHz

#Sweep 100.3 ms (8001 pts)



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	Verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:	-		

Plot 7.6.46 Spurious emission measurements in 4400 - 18000 MHz range at low carrier frequency



Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)

VBW 3 MHz

#Res BW 1 MHz

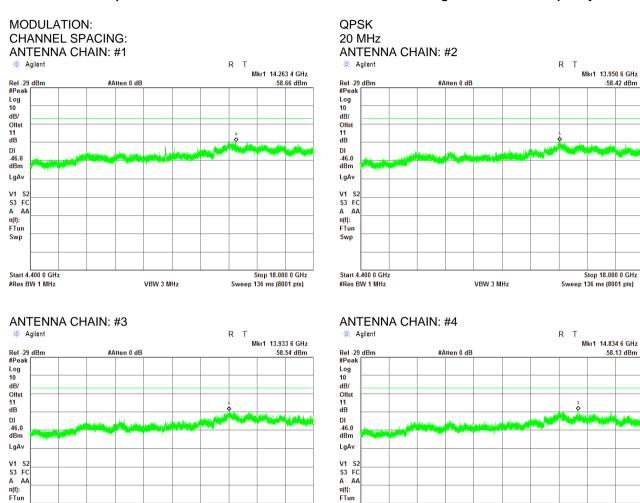
Start 4.400 0 GHz #Res BW 1 MHz Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)



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	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.47 Spurious emission measurements in 4400 - 18000 MHz range at mid carrier frequency



Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)

VBW 3 MHz

#Res BW 1 MHz

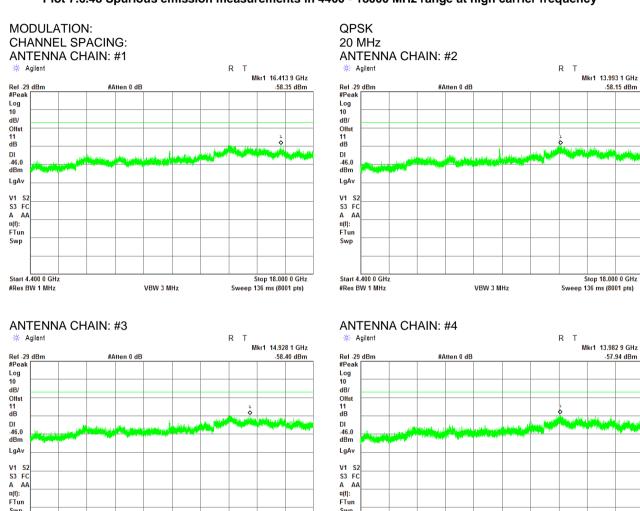
Start 4.400 0 GHz #Res BW 1 MHz Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)



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	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.48 Spurious emission measurements in 4400 - 18000 MHz range at high carrier frequency



Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)

VBW 3 MHz

#Res BW 1 MHz

Start 4.400 0 GHz #Res BW 1 MHz Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)



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

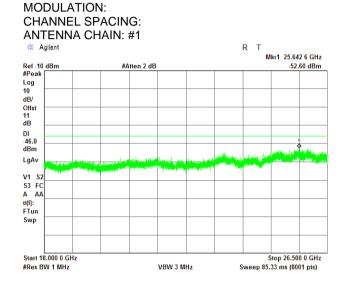
Remarks:

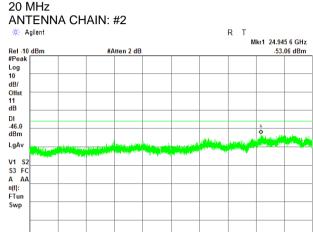
Plot 7.6.49 Spurious emission measurements in 18000 - 26500 MHz range at low carrier frequency

**QPSK** 

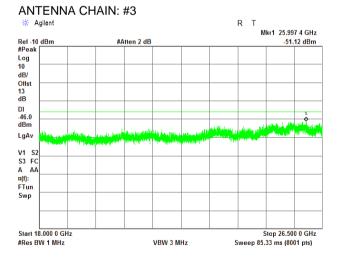
Start 18.000 0 GHz

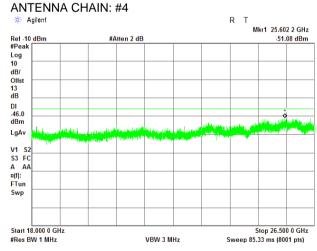
#Res BW 1 MHz





VBW 3 MHz





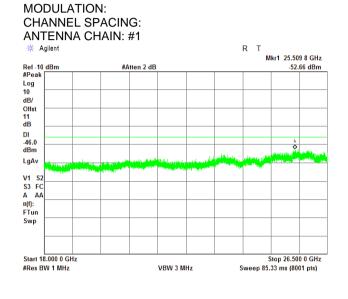
Stop 26.500 0 GHz

Sweep 85.33 ms (8001 pts)

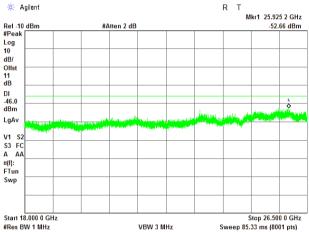


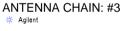
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

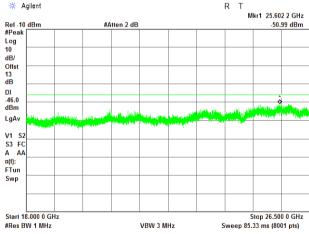
Plot 7.6.50 Spurious emission measurements in 18000 - 26500 MHz range at mid carrier frequency

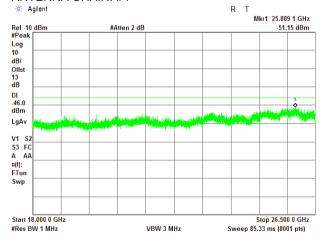












R T

Mkr1 25.925 2 GHz

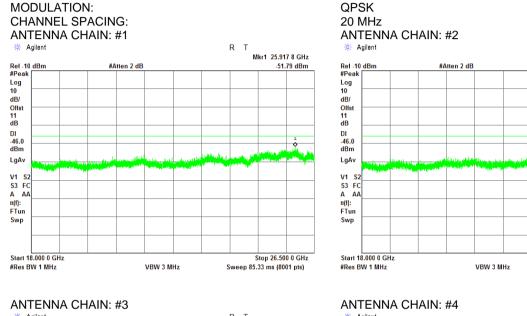
Stop 26.500 0 GHz Sweep 85.33 ms (8001 pts)

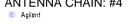
-52.46 dBm

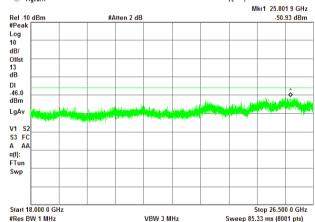


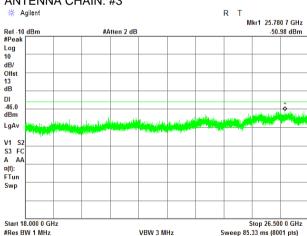
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict: PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:	-		

Plot 7.6.51 Spurious emission measurements in 18000 - 26500 MHz range at high carrier frequency











V1 S2

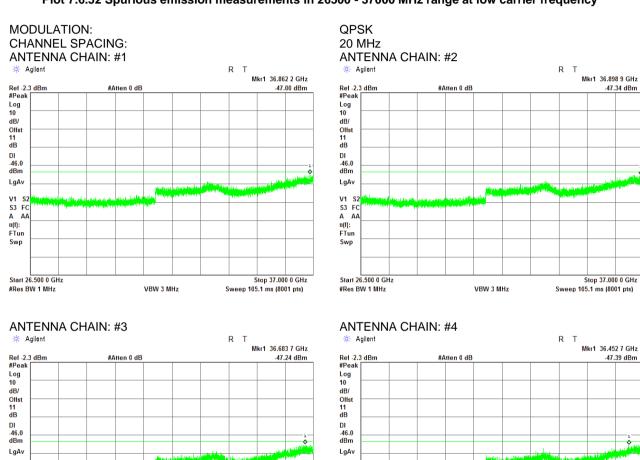
S3 FC A AA ¤(f): FTun

Start 26.500 0 GHz

#Res BW 1 MHz

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	Verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:	-		

Plot 7.6.52 Spurious emission measurements in 26500 - 37000 MHz range at low carrier frequency



Stop 37.000 0 GHz

Sweep 105.1 ms (8001 pts)



Test specification: Section 96.41(e)(3), Conducted spurious emissions

Test procedure: Section 96.41(e)(3)

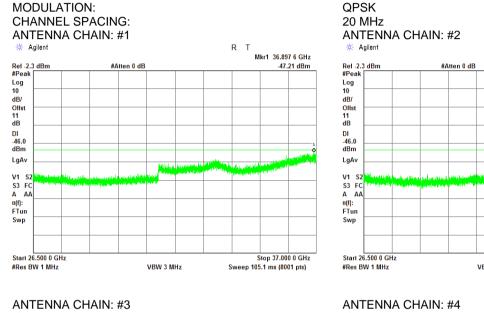
Test mode: Compliance Verdict: PASS

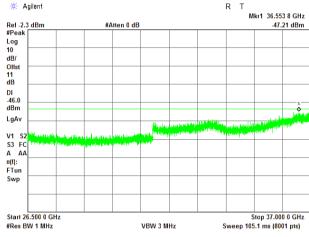
Date(s): 25-Aug-21 - 24-Nov-21

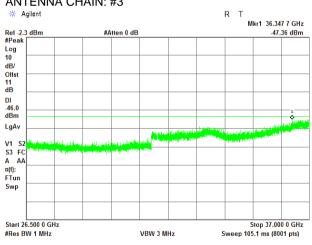
Temperature: 24.1 °C Relative Humidity: 49 % Air Pressure: 1011 hPa Power: 48 VAC

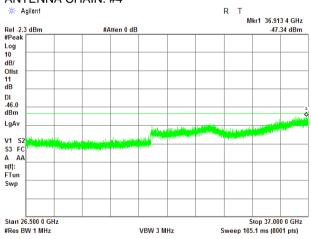
Remarks:

Plot 7.6.53 Spurious emission measurements in 26500 - 37000 MHz range at mid carrier frequency





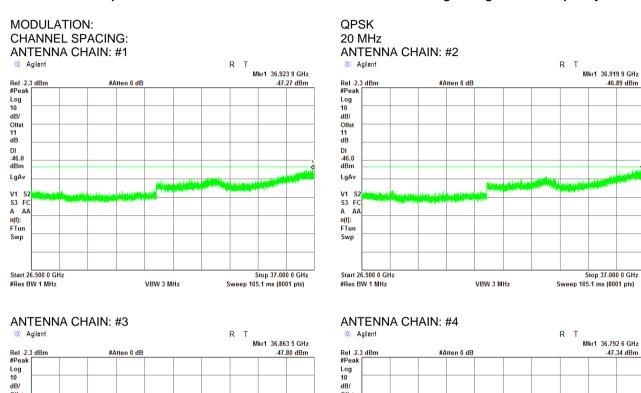


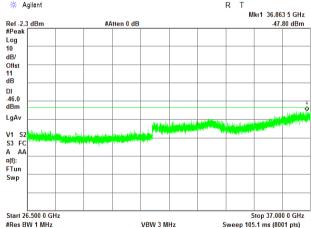


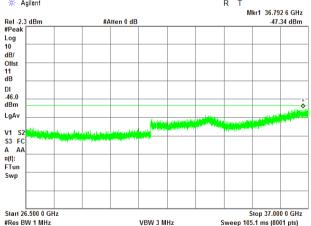


Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict: PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:	-		

Plot 7.6.54 Spurious emission measurements in 26500 - 37000 MHz range at high carrier frequency





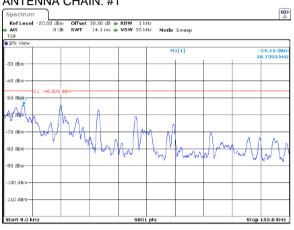


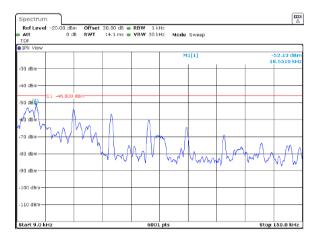


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.55 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency



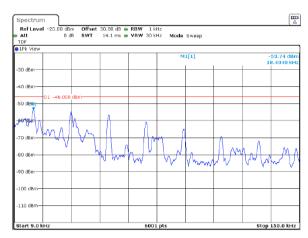




#### QPSK 30 MHz

# ANTENNA CHAIN: #2



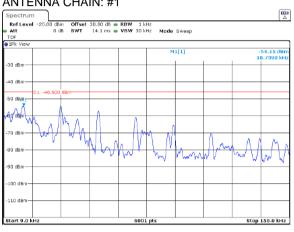


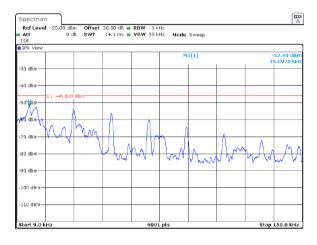


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.56 Spurious emission measurements in 9 - 150 kHz range at mid carrier frequency

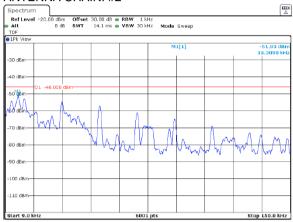


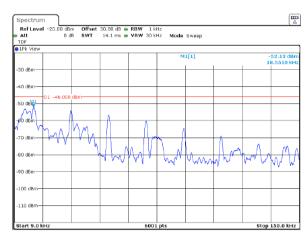




#### QPSK 30 MHz





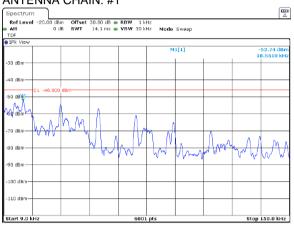


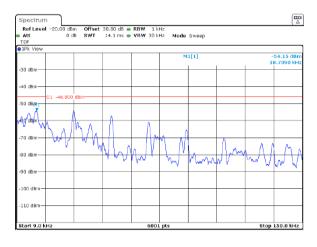


Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict: PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:	-		

Plot 7.6.57 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency

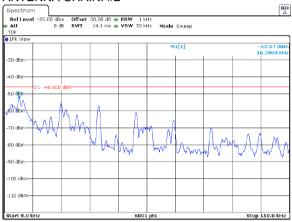


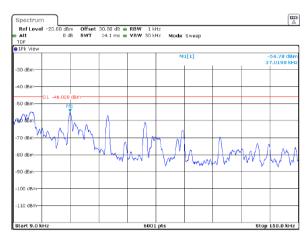




#### QPSK 30 MHz



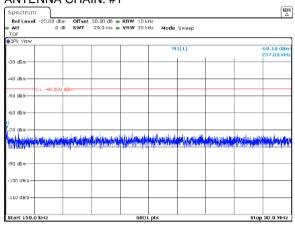




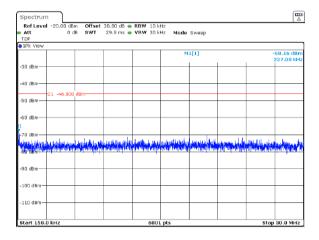


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.58 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency

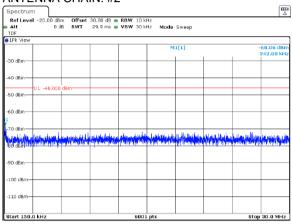


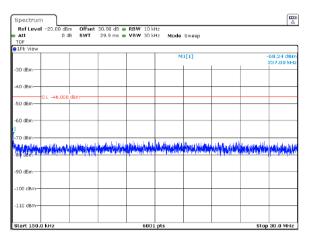
ANTENNA CHAIN: #3



QPSK 30 MHz





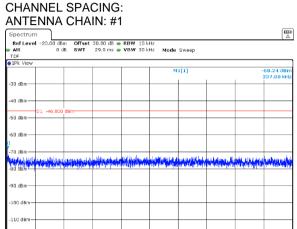


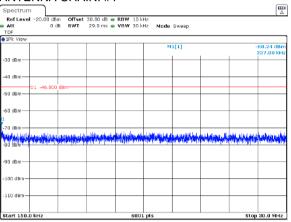


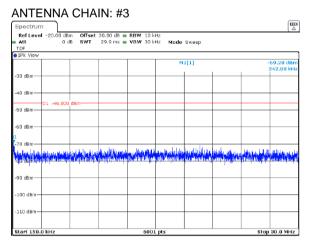
MODULATION:

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

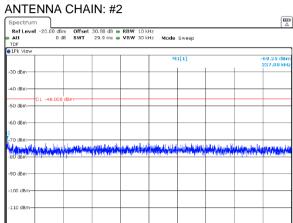
Plot 7.6.59 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

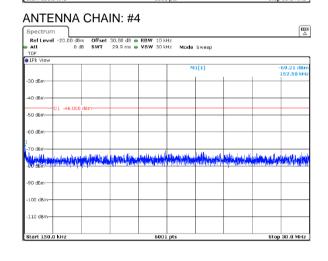










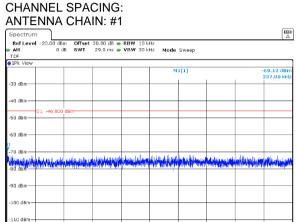




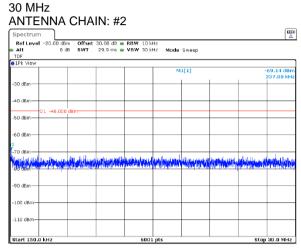
MODULATION:

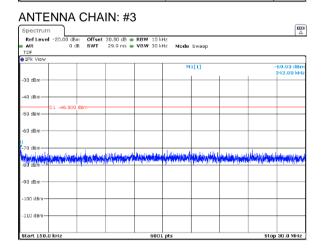
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

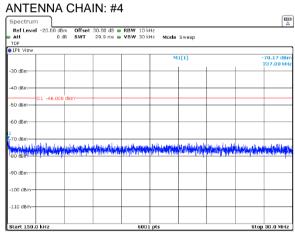
Plot 7.6.60 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency







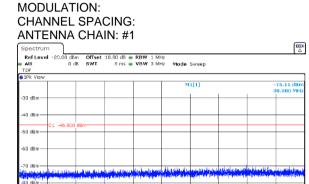


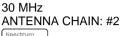


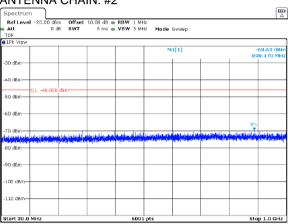


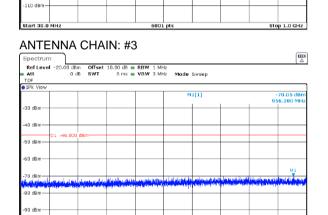
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.61 Spurious emission measurements in 30 MHz - 1000 MHz range at low carrier frequency

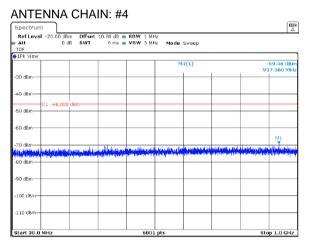








100 dBn

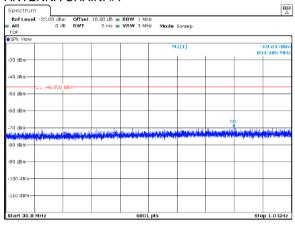




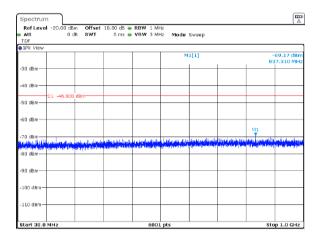
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict: PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.62 Spurious emission measurements in 30 MHz - 1000 MHz range at mid carrier frequency



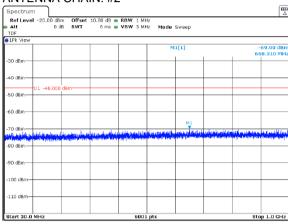


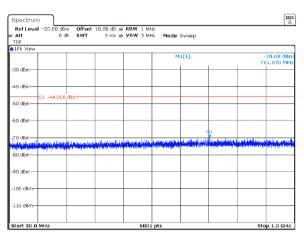
ANTENNA CHAIN: #3



#### QPSK 30 MHz



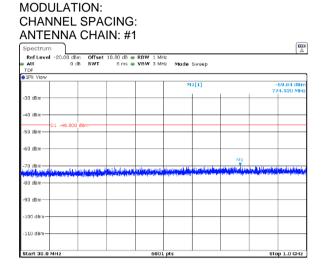


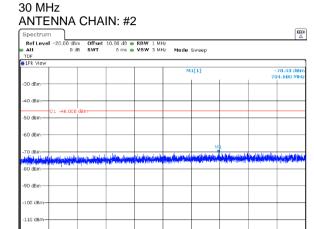


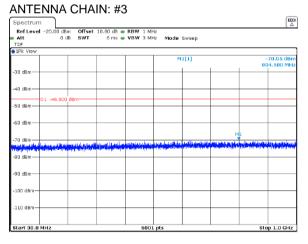


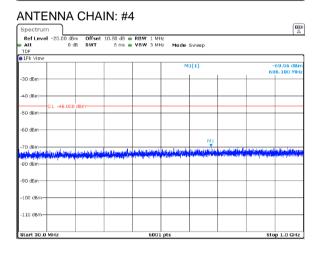
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict: PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.63 Spurious emission measurements in 30 MHz - 1000 MHz range at high carrier frequency







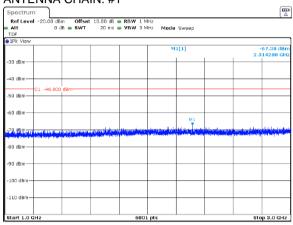




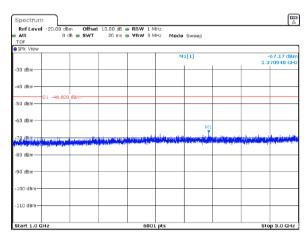
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.64 Spurious emission measurements in 1000 - 3000 MHz range at low carrier frequency



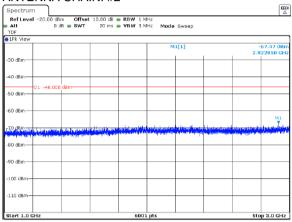


ANTENNA CHAIN: #3

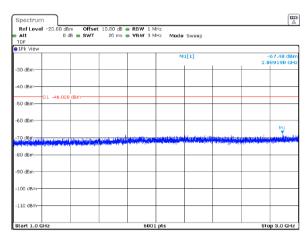


QPSK 30 MHz





ANTENNA CHAIN: #4



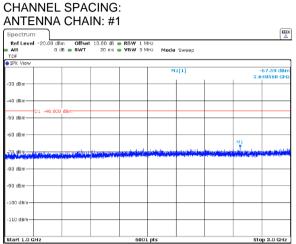


MODULATION:

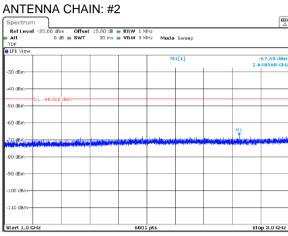
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

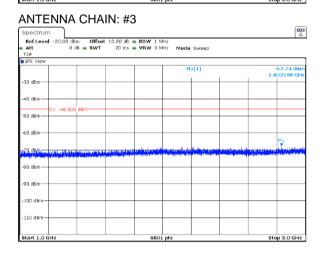
Plot 7.6.65 Spurious emission measurements in 1000 - 3000 MHz range at mid carrier frequency

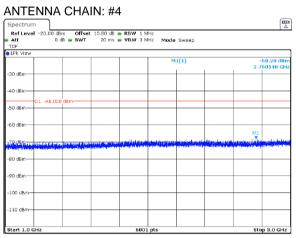
30 MHz













Test specification: Section 96.41(e)(3), Conducted spurious emissions

Test procedure: Section 96.41(e)(3)

Test mode: Compliance Verdict: PASS

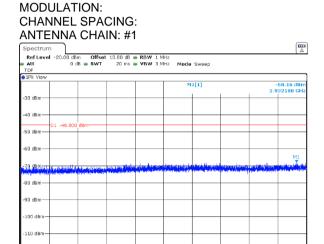
Date(s): 25-Aug-21 - 24-Nov-21

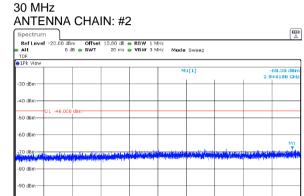
Temperature: 24.1 °C Relative Humidity: 49 % Air Pressure: 1011 hPa Power: 48 VAC

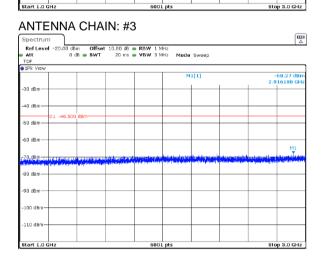
Remarks:

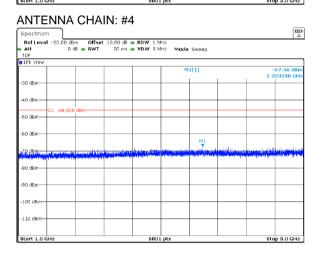
Plot 7.6.66 Spurious emission measurements in 1000 - 3000 MHz range at high carrier frequency

-110 dB





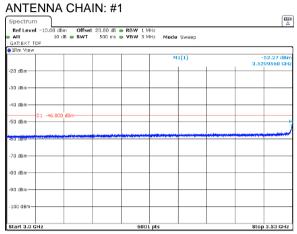




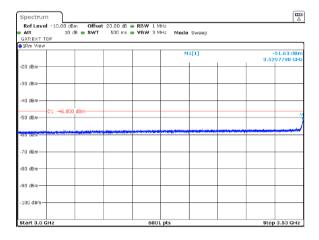


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict: PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.67 Spurious emission measurements in 3000 - 3530 MHz range at low carrier frequency

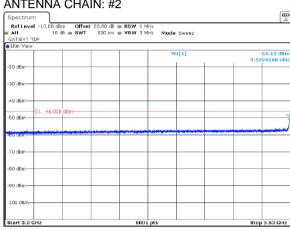


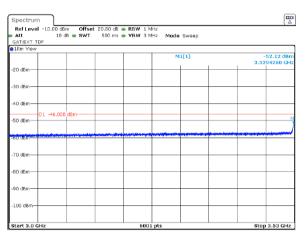
ANTENNA CHAIN: #3



30 MHz



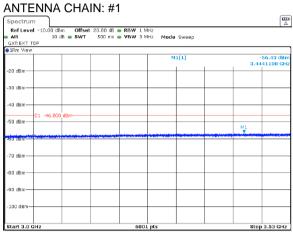




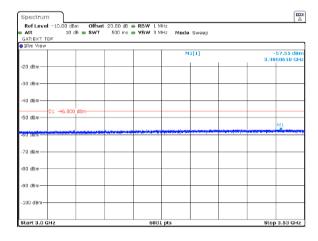


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.68 Spurious emission measurements in 3000 - 3530 MHz range at mid carrier frequency

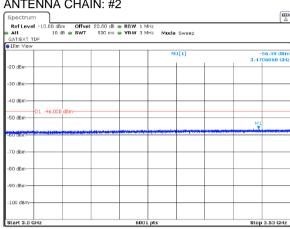


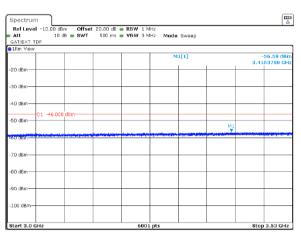
ANTENNA CHAIN: #3



30 MHz



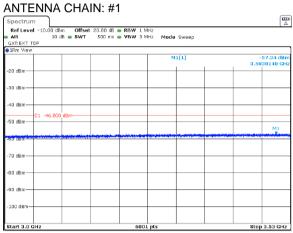




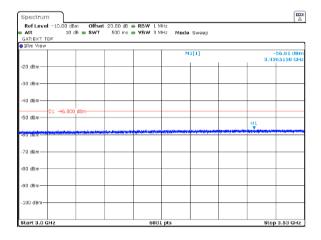


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.69 Spurious emission measurements in 3000 - 3530 MHz range at high carrier frequency

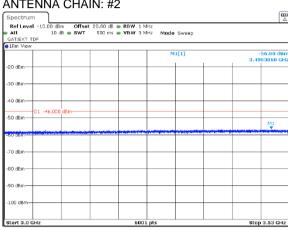


ANTENNA CHAIN: #3

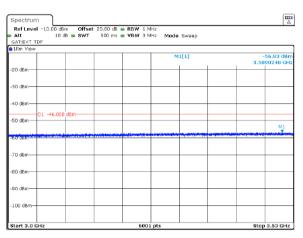


30 MHz





ANTENNA CHAIN: #4

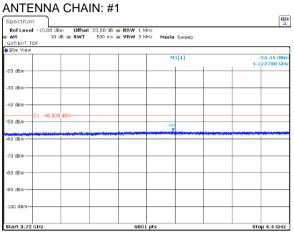




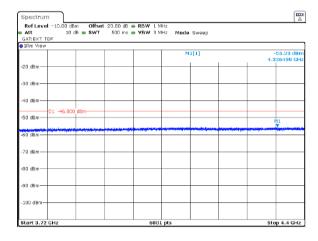
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict: PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.70 Spurious emission measurements in 3720 - 4400 MHz range at low carrier frequency

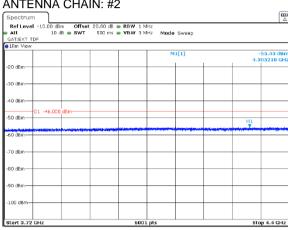




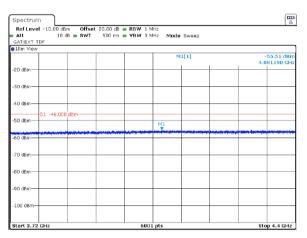
ANTENNA CHAIN: #3



30 MHz



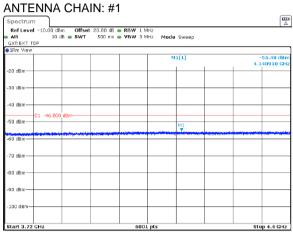
ANTENNA CHAIN: #4



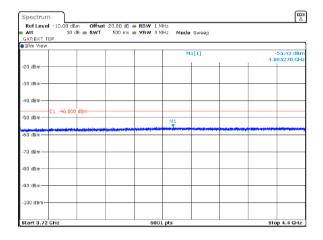


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

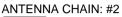
Plot 7.6.71 Spurious emission measurements in 3720 - 4400 MHz range at mid carrier frequency

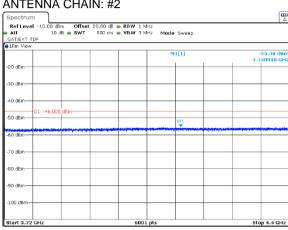


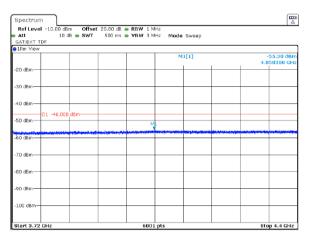
ANTENNA CHAIN: #3



30 MHz



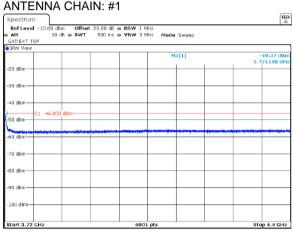




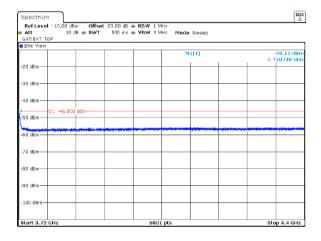


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

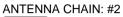
Plot 7.6.72 Spurious emission measurements in 3720 - 4400 MHz range at high carrier frequency

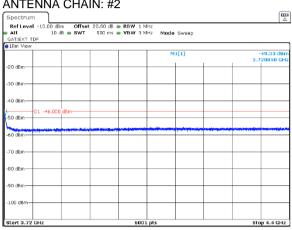


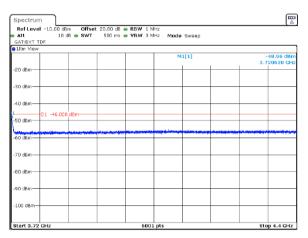
ANTENNA CHAIN: #3



30 MHz



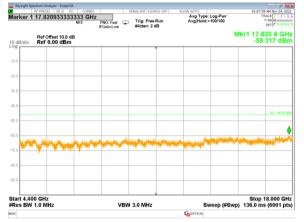




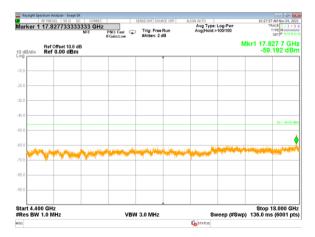


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict.		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.73 Spurious emission measurements in 4400 - 18000 MHz range at low carrier frequency



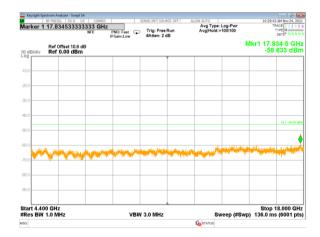
ANTENNA CHAIN: #3



QPSK 30 MHz



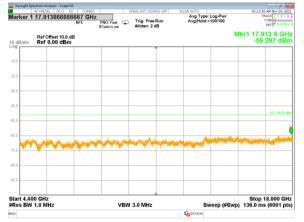
ANTENNA CHAIN: #4





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	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

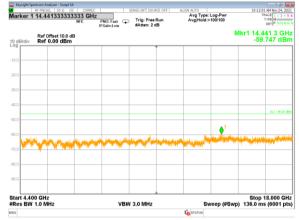
Plot 7.6.74 Spurious emission measurements in 4400 - 18000 MHz range at mid carrier frequency



ANTENNA CHAIN: #3



QPSK 30 MHz



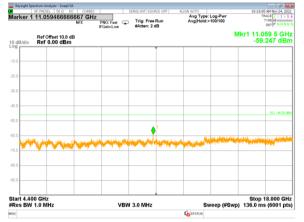
ANTENNA CHAIN: #4





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	verdict.		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

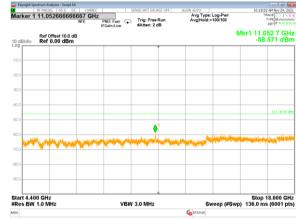
Plot 7.6.75 Spurious emission measurements in 4400 - 18000 MHz range at high carrier frequency



ANTENNA CHAIN: #3



QPSK 30 MHz



ANTENNA CHAIN: #4

