



DI -46.0 dBm

LgAv

V1 S2

S3 FC A AA u(i): 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)

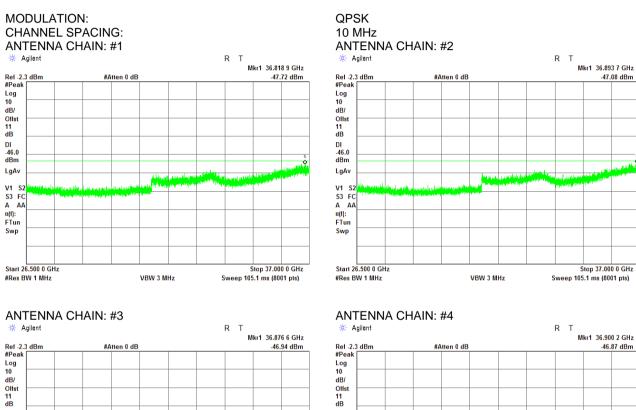
Test mode: Compliance Verdict: PASS

Date(s): 25-Aug-21 - 30-Sep-21

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

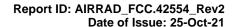
Remarks:

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



Stop 37.000 0 GHz

Sweep 105.1 ms (8001 pts)



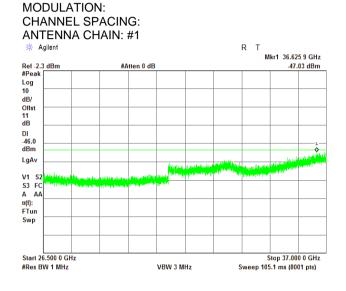


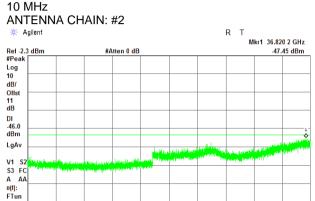
Plot 7.6.27 Spurious emission measurements in 26500 - 37000 MHz range at high carrier frequency

**QPSK** 

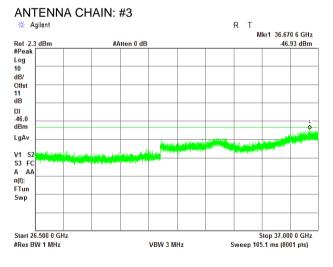
Start 26.500 0 GHz

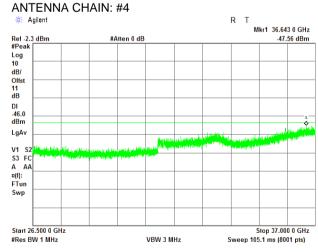
#Res BW 1 MHz





VBW 3 MHz





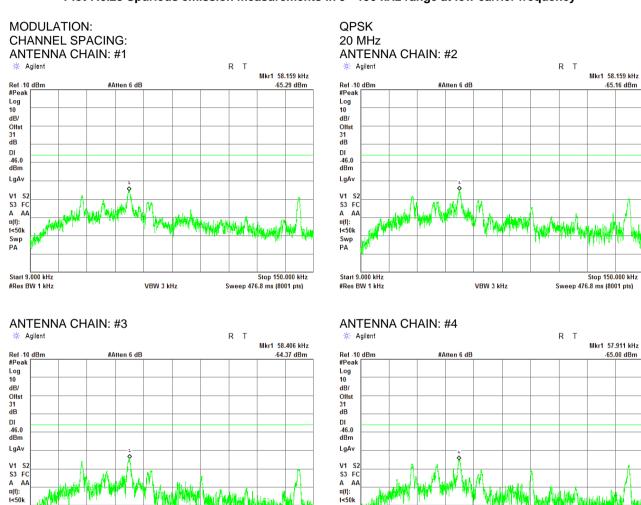
Stop 37.000 0 GHz

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 – 30-Sep-21	verdict.	PASS	
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



Start 9.000 kHz #Res BW 1 kHz

Sweep 476.8 ms (8001 pts)

VBW 3 kHz

VBW 3 kHz

#Res BW 1 kHz

Sweep 476.8 ms (8001 pts)

Mkr1 58.229 kHz

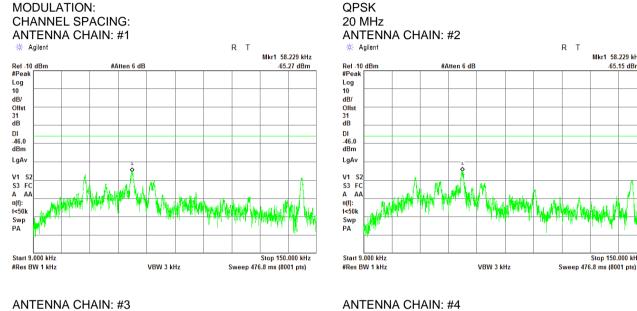
Stop 150.000 kHz

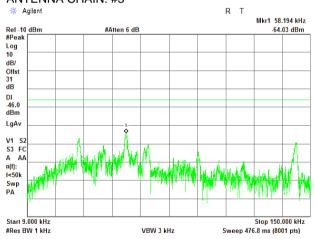
-65.15 dBm

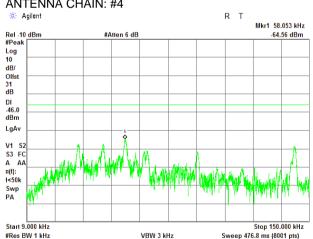


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 30-Sep-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

Plot 7.6.29 Spurious emission measurements in 9 - 150 kHz range at mid carrier frequency







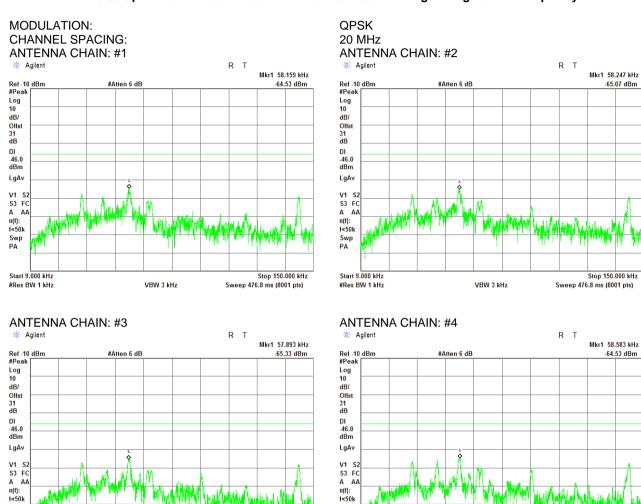


Start 9.000 kHz #Res BW 1 kHz

VBW 3 kHz

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 – 30-Sep-21	verdict.	PASS	
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

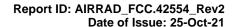


Start 9.000 kHz #Res BW 1 kHz

Sweep 476.8 ms (8001 pts)

VBW 3 kHz

Sweep 476.8 ms (8001 pts)



R T

Mkr1 150 kHz

Sweep 1.009 s (8001 pts)

.68.29 dBm



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

Test procedure: Section 96.41(e)(3)

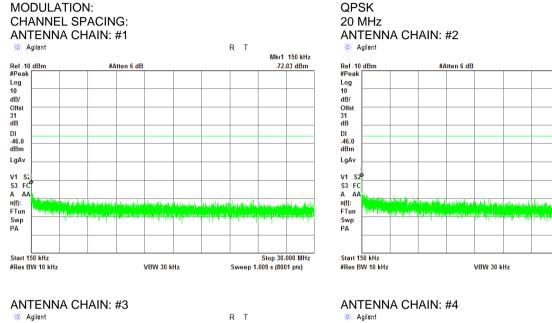
Test mode: Compliance Verdict: PASS

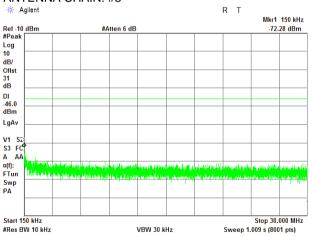
Date(s): 25-Aug-21 - 30-Sep-21

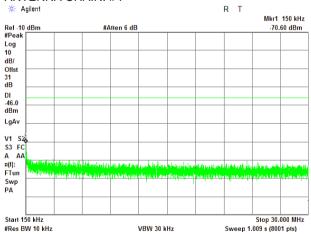
Temperature: 24.1 °C Relative Humidity: 49 % Air Pressure: 1011 hPa Power: 48 VAC

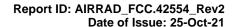
Remarks:

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







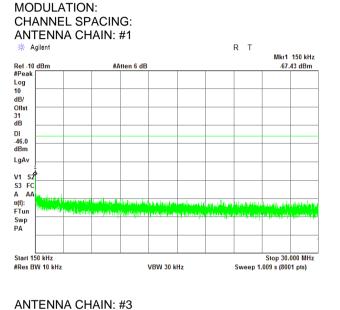


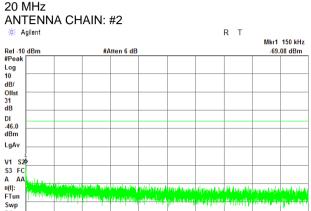


Plot 7.6.32 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

**QPSK** 

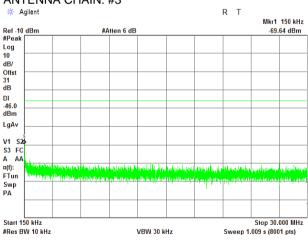
Start 150 kHz #Res BW 10 kHz

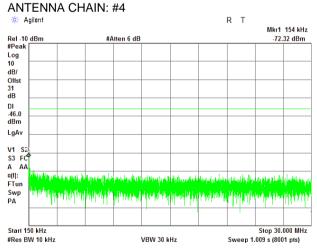


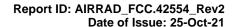


VBW 30 kHz

Sweep 1.009 s (8001 pts)









V1 S2

S3 FC

¤(f): FTun

Start 150 kHz

#Res BW 10 kHz

ل في يقو عدد ما داري المنافع المراجعة على إن هذا المنافعة بن معمل شيق الاعتداد المنافعة على الايمار الايمار العالمة

VBW 30 kHz

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

Test procedure: Section 96.41(e)(3)

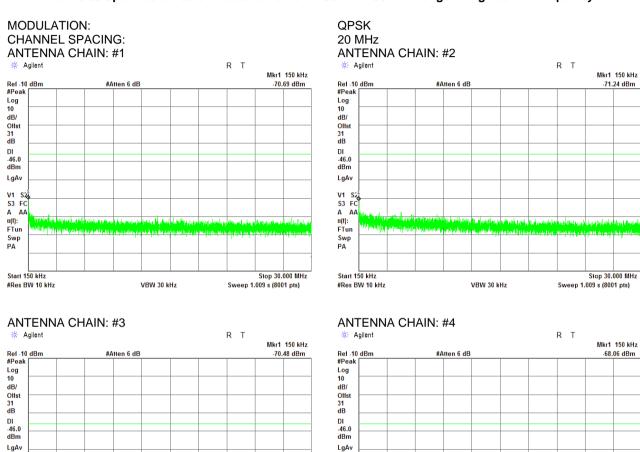
Test mode: Compliance Verdict: PASS

Date(s): 25-Aug-21 - 30-Sep-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



V1 S2

S3 FC A AA u(f): FTun

Start 150 kHz

#Res BW 10 kHz

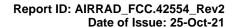
Stop 30.000 MHz

Sweep 1.009 s (8001 pts)

Stop 30.000 MHz

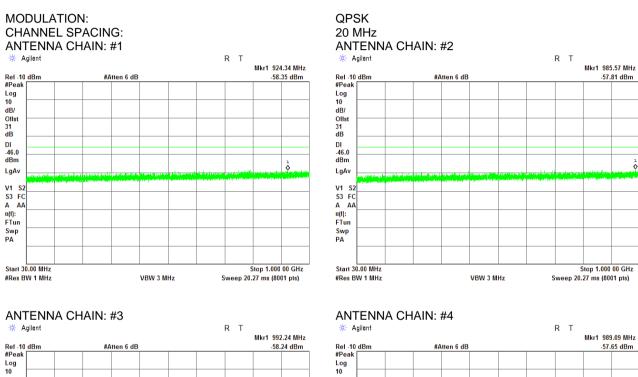
Sweep 1.009 s (8001 pts)

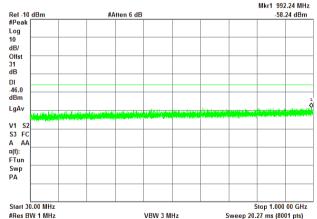
VBW 30 kHz

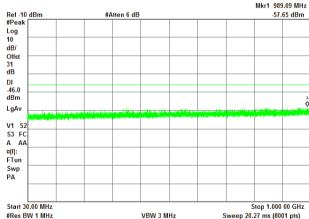




Plot 7.6.34 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency







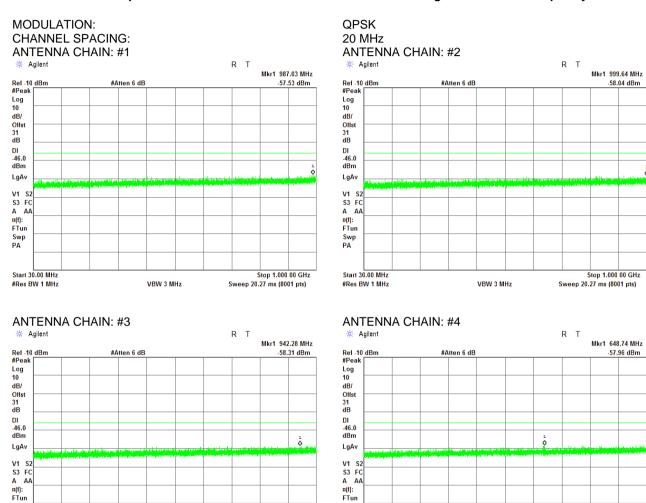


Start 30.00 MHz

#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 – 30-Sep-21	verdict:	PASS	
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



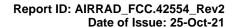
Stop 1.000 00 GHz

Sweep 20,27 ms (8001 pts)

VBW 3 MHz

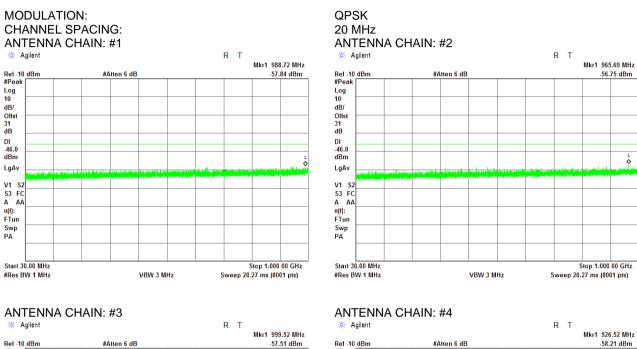
Start 30.00 MHz #Res BW 1 MHz Stop 1.000 00 GHz

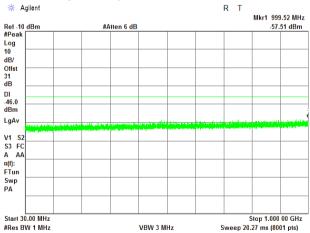
Sweep 20,27 ms (8001 pts)

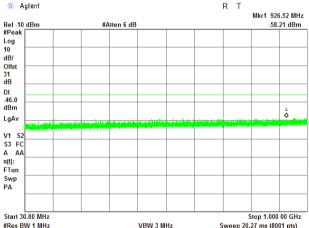


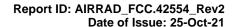


Plot 7.6.36 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency











V1 S2

S3 FC A AA ¤(f): FTun

#Res BW 1 MHz

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

Test procedure: Section 96.41(e)(3)

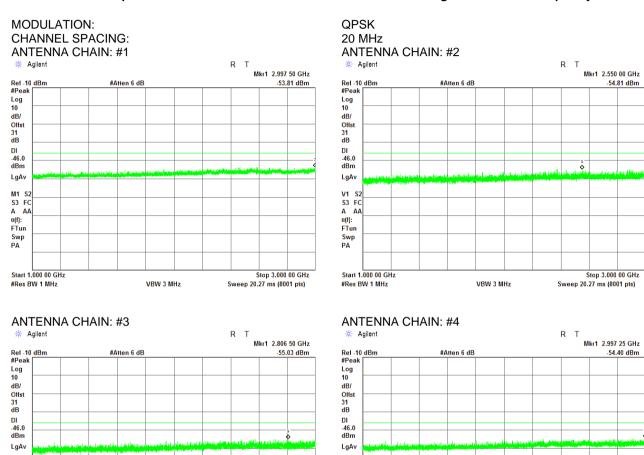
Test mode: Compliance Verdict: PASS

Date(s): 25-Aug-21 - 30-Sep-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



V1 S2 S3 FC A AA ¤(f): FTun

Start 1.000 00 GHz

#Res BW 1 MHz

VBW 3 MHz

Stop 3.000 00 GHz

Sweep 20.27 ms (8001 pts)

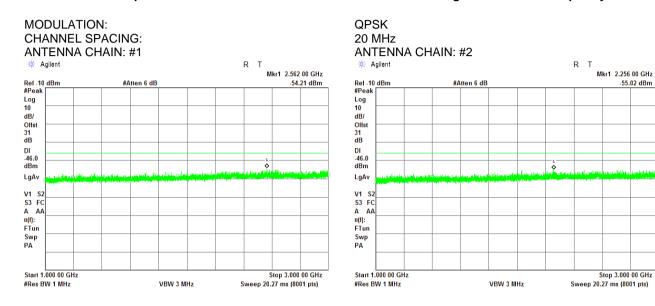
VBW 3 MHz

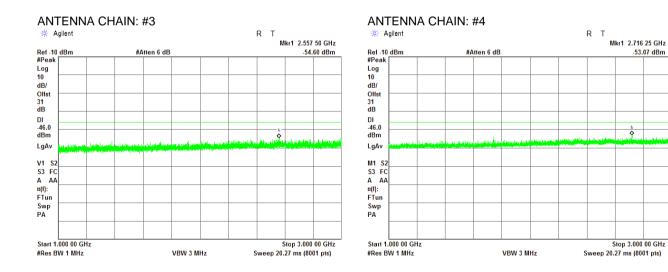
Sweep 20,27 ms (8001 pts)

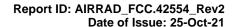


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 30-Sep-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

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





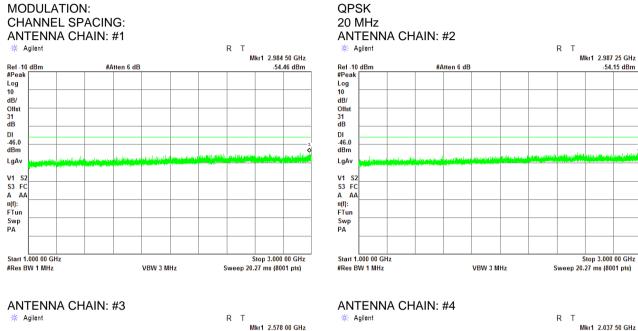


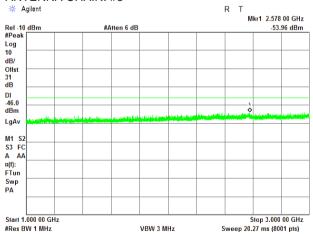
.54.15 dBm

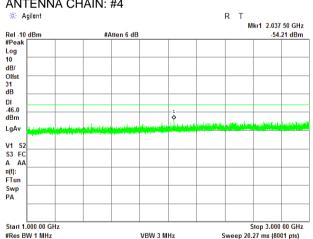


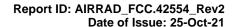
Test specification: Section 96.41(e)(3), Conducted spurious emissions Section 96.41(e)(3) Test procedure: Test mode: Compliance Verdict: **PASS** 25-Aug-21 – 30-Sep-21 Date(s): Temperature: 24.1 °C Relative Humidity: 49 % Air Pressure: 1011 hPa Power: 48 VAC Remarks:

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



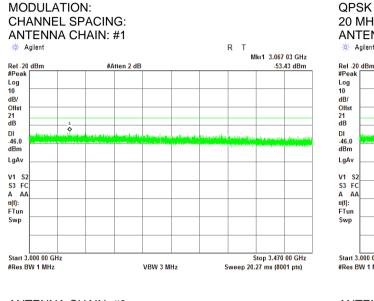


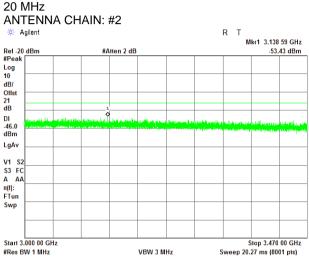


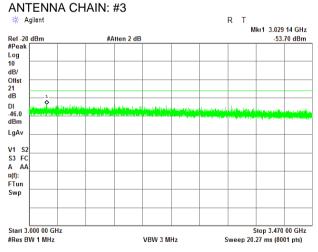


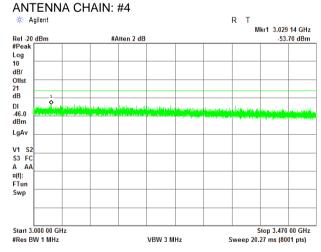


Plot 7.6.40 Spurious emission measurements in 3000 - 3470 MHz range at low carrier frequency





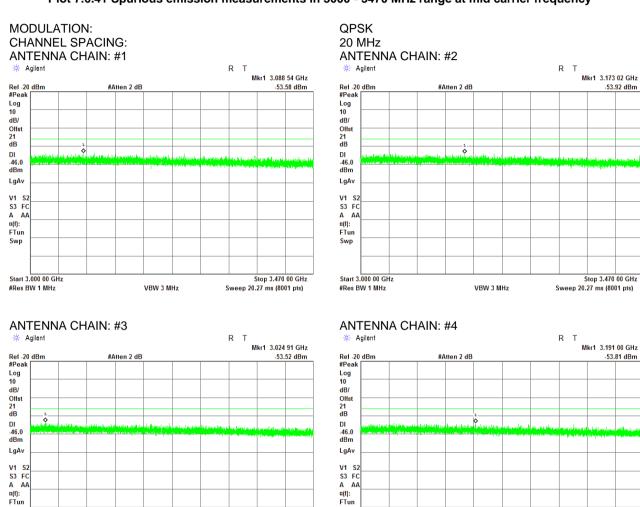






Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 30-Sep-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:	•			

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



Stop 3.470 00 GHz

Sweep 20,27 ms (8001 pts)

VBW 3 MHz

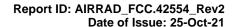
#Res BW 1 MHz

Start 3.000 00 GHz

#Res BW 1 MHz

Stop 3.470 00 GHz

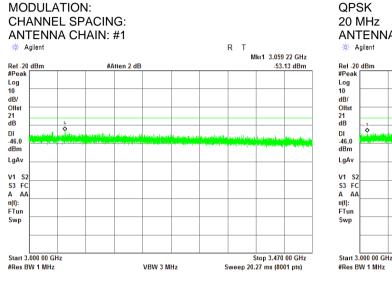
Sweep 20.27 ms (8001 pts)

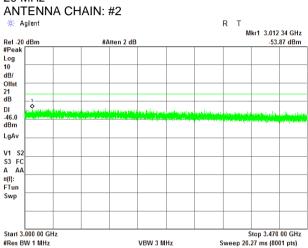


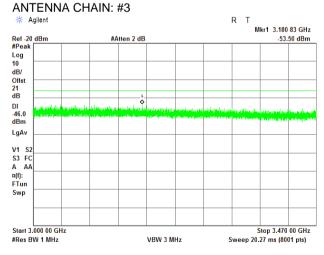


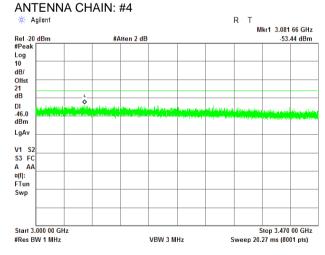
Test specification: Section 96.41(e)(3), Conducted spurious emissions Section 96.41(e)(3) Test procedure: Test mode: Compliance Verdict: **PASS** 25-Aug-21 – 30-Sep-21 Date(s): Temperature: 24.1 °C Relative Humidity: 49 % Air Pressure: 1011 hPa Power: 48 VAC Remarks:

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







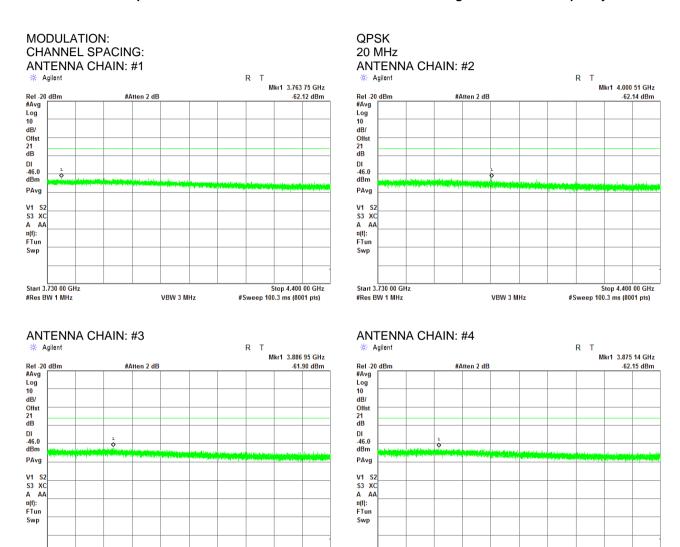




Start 3.730 00 GHz

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 – 30-Sep-21	Verdict:	PASS
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

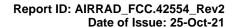


Start 3.730 00 GHz

Stop 4.400 00 GHz #Sweep 100.3 ms (8001 pts)

VBW 3 MHz

Stop 4.400 00 GHz #Sweep 100.3 ms (8001 pts)



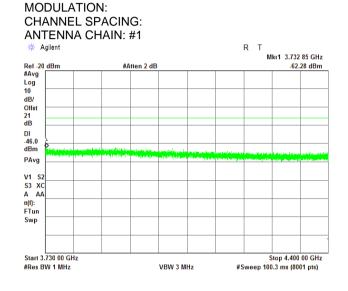


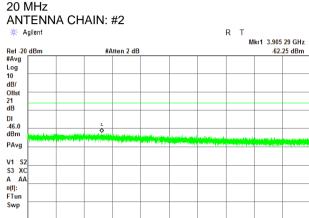
Plot 7.6.44 Spurious emission measurements in 3730 - 4400 MHz range at mid carrier frequency

**QPSK** 

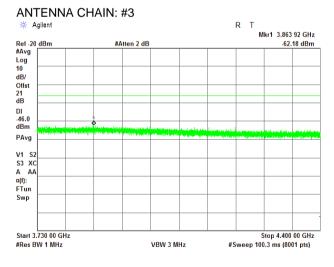
Start 3.730 00 GHz

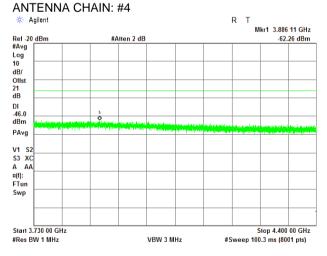
#Res BW 1 MHz





VBW 3 MHz





Stop 4.400 00 GHz

#Sweep 100.3 ms (8001 pts)

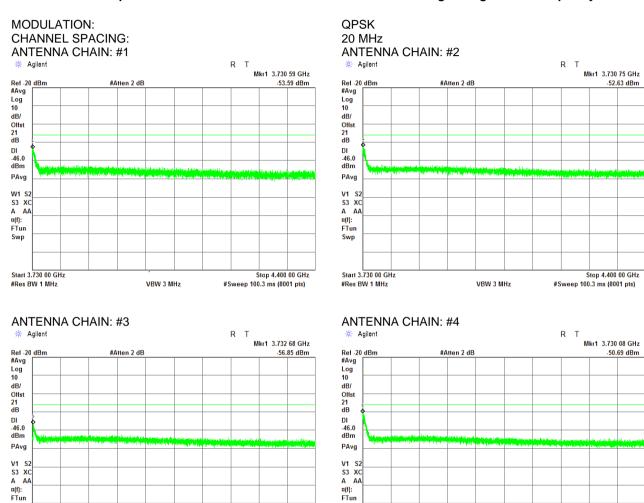


Start 3.730 00 GHz

#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 – 30-Sep-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)

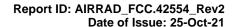
VBW 3 MHz

Start 3.730 00 GHz

#Res BW 1 MHz

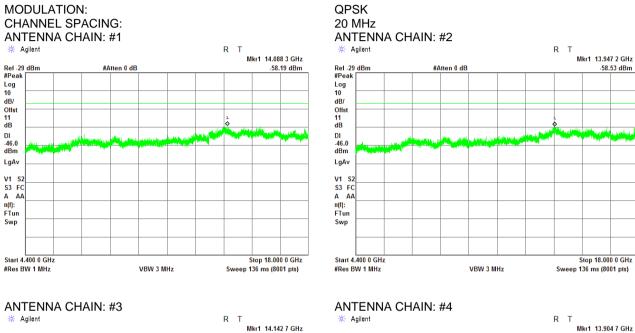
Stop 4.400 00 GHz

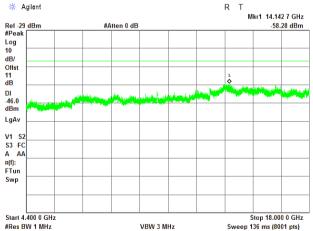
#Sweep 100.3 ms (8001 pts)

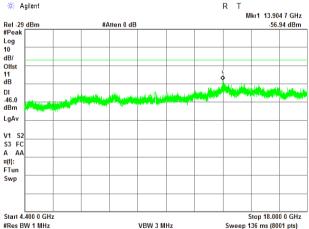




Plot 7.6.46 Spurious emission measurements in 4400 - 18000 MHz range at low carrier frequency







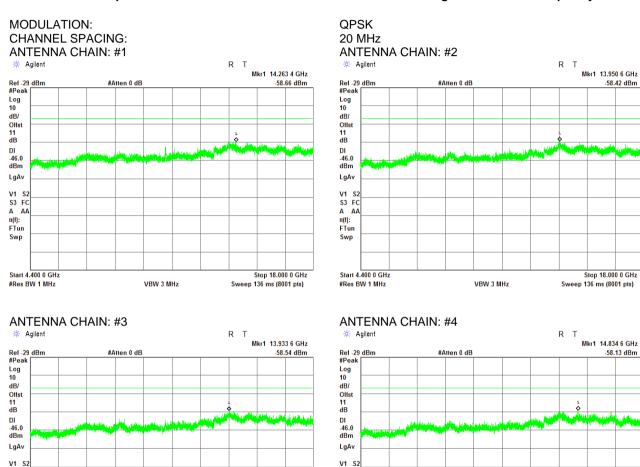


S3 FC A AA u(f): FTun

#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 – 30-Sep-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



S3 FC A AA ¤(f): FTun

Start 4.400 0 GHz #Res BW 1 MHz

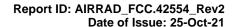
Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)

VBW 3 MHz

Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)

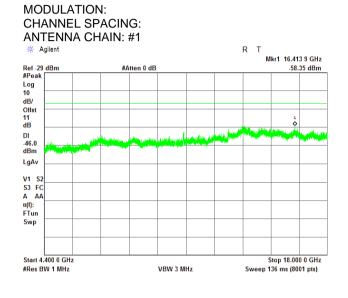


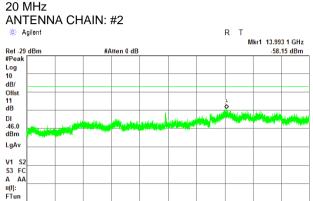


Plot 7.6.48 Spurious emission measurements in 4400 - 18000 MHz range at high carrier frequency

**QPSK** 

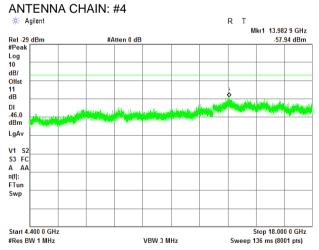
Start 4.400 0 GHz #Res BW 1 MHz





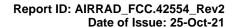
VBW 3 MHz

ANTENNA CHAIN: #3 🔆 Agilent Mkr1 14.928 1 GHz Ref -29 dBm #Peak Log 10 #Atten 0 dB .58.40 dBm dB/ Offst 11 dB DI -46.0 dBm LgAv V1 S2 S3 FC ¤(f): FTun Stop 18.000 0 GHz VBW 3 MHz #Res BW 1 MHz Sweep 136 ms (8001 pts)



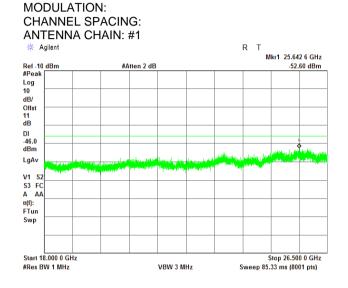
Stop 18.000 0 GHz

Sweep 136 ms (8001 pts)

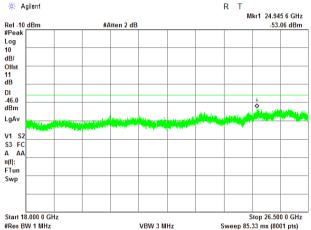




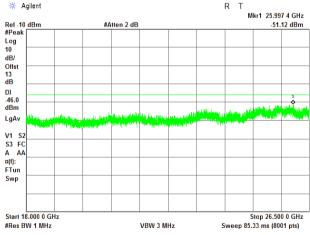
Plot 7.6.49 Spurious emission measurements in 18000 - 26500 MHz range at low carrier frequency

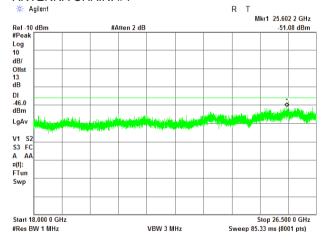


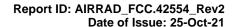












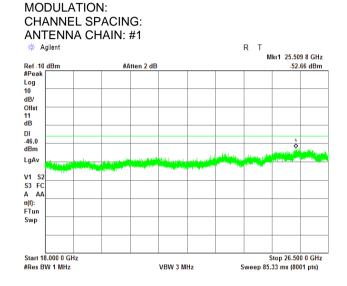


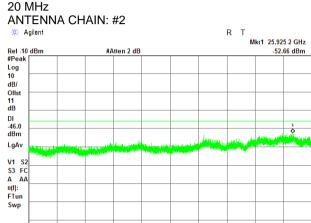
Plot 7.6.50 Spurious emission measurements in 18000 - 26500 MHz range at mid carrier frequency

**QPSK** 

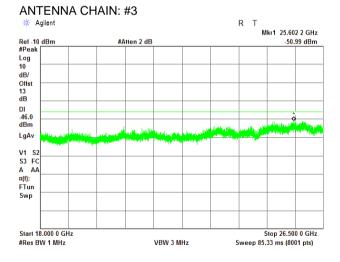
Start 18.000 0 GHz

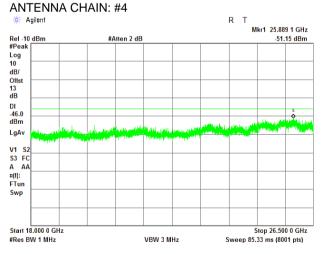
#Res BW 1 MHz





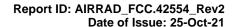
VBW 3 MHz





Stop 26.500 0 GHz

Sweep 85.33 ms (8001 pts)

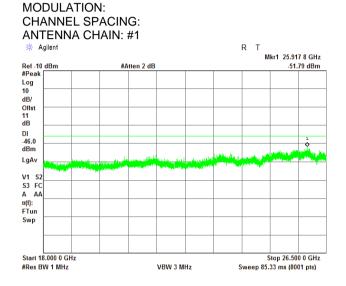


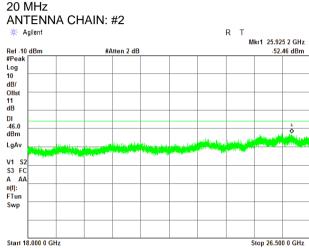


Plot 7.6.51 Spurious emission measurements in 18000 - 26500 MHz range at high carrier frequency

**QPSK** 

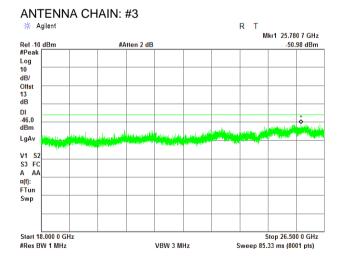
#Res BW 1 MHz

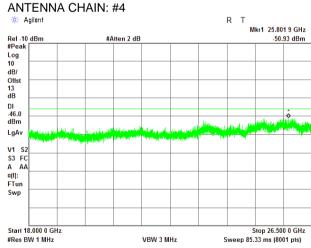


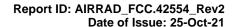


VBW 3 MHz

Sweep 85.33 ms (8001 pts)

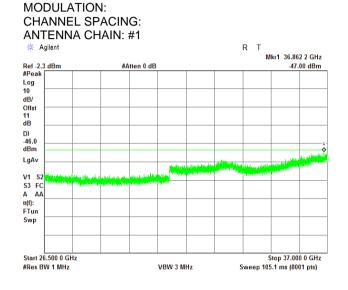




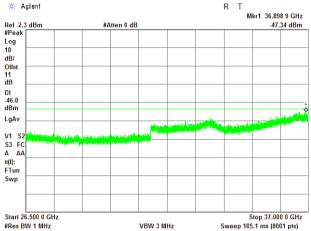


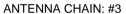


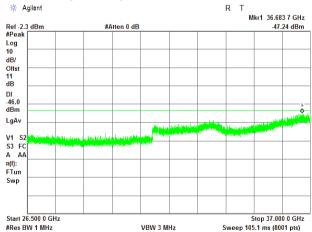
Plot 7.6.52 Spurious emission measurements in 26500 - 37000 MHz range at low carrier frequency

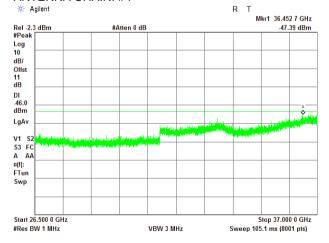


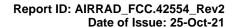






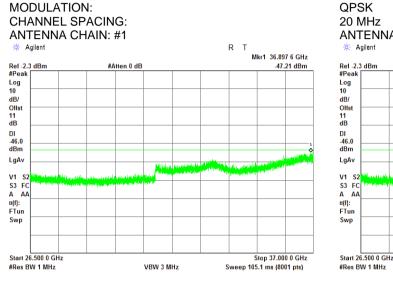


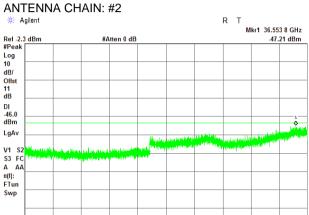




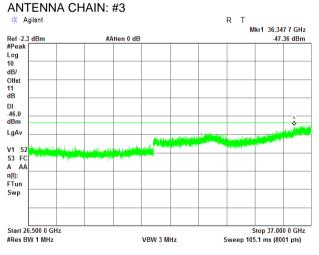


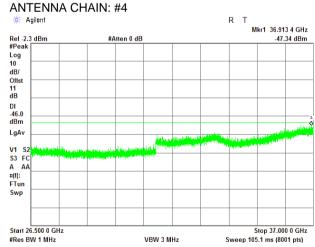
Plot 7.6.53 Spurious emission measurements in 26500 - 37000 MHz range at mid carrier frequency





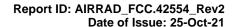
VBW 3 MHz





Stop 37.000 0 GHz

Sweep 105.1 ms (8001 pts)





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 - 30-Sep-21

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

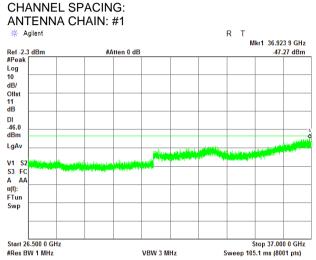
Remarks:

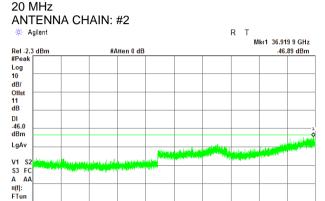
Plot 7.6.54 Spurious emission measurements in 26500 - 37000 MHz range at high carrier frequency

**QPSK** 

Start 26.500 0 GHz

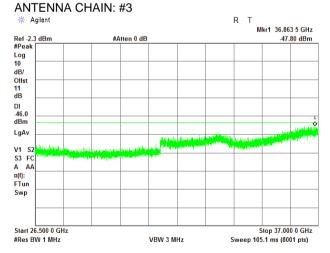
#Res BW 1 MHz

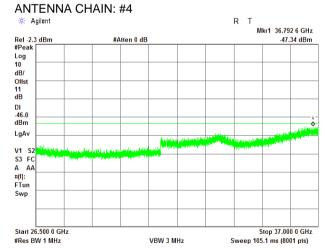




VBW 3 MHz

Stant 26-200 0 GHZ Stop 37-200 0 GHZ #Res BW 1 MHz Sweep 105.1 ms (8001 pts)





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 – 30-Sep-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

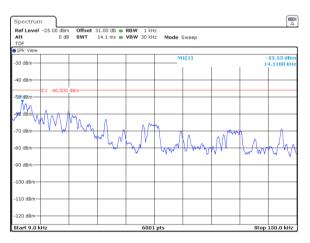
Plot 7.6.55 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency



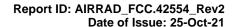
40 MHz ANTENNA CHAIN: #2



# ANTENNA CHAIN: #3



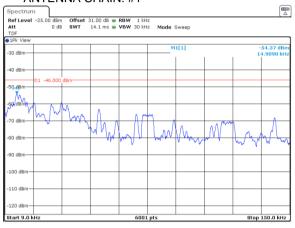






Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 30-Sep-21	verdict.	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

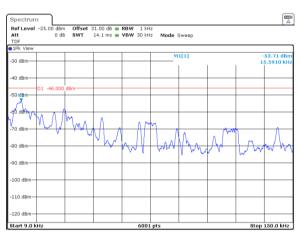
Plot 7.6.56 Spurious emission measurements in 9 - 150 kHz range at mid carrier frequency

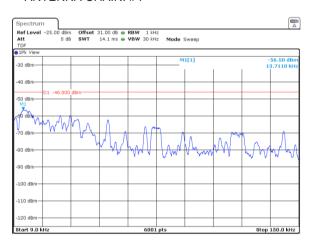


40 MHz ANTENNA CHAIN: #2



# ANTENNA CHAIN: #3

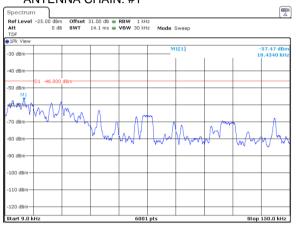




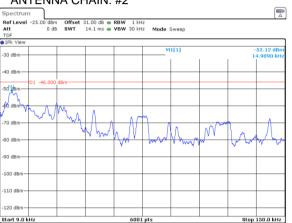


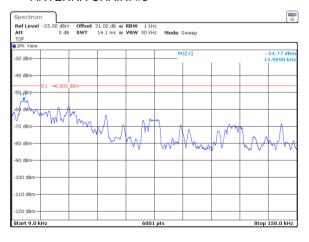
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 30-Sep-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

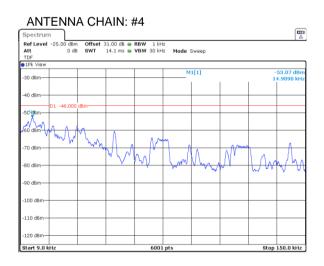
Plot 7.6.57 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency







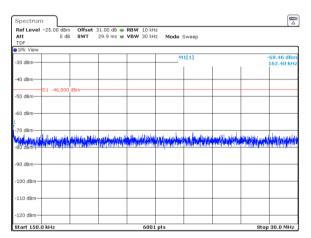




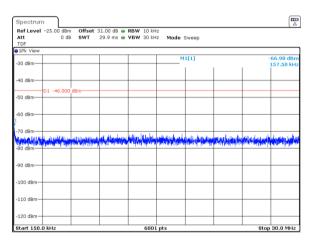


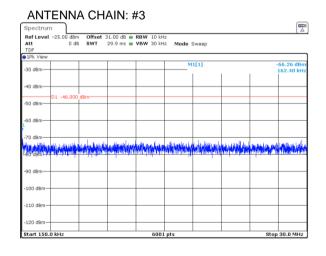
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 30-Sep-21	verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

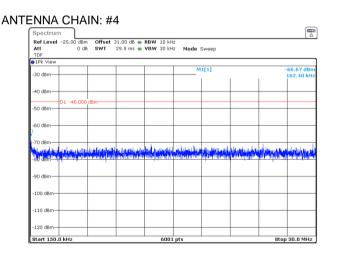
Plot 7.6.58 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency



QPSK 40 MHz ANTENNA CHAIN: #2





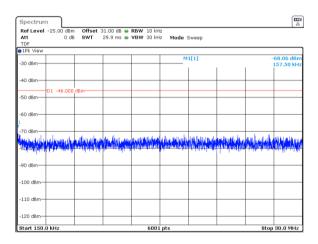




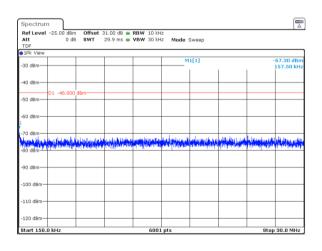
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Vandiat	PASS
Date(s):	25-Aug-21 – 30-Sep-21	Verdict:	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:	•		

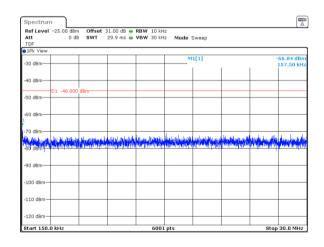
Plot 7.6.59 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

QPSK 40 MHz ANTENNA CHAIN: #2



ANTENNA CHAIN: #3

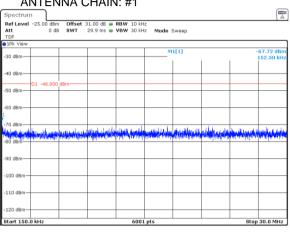




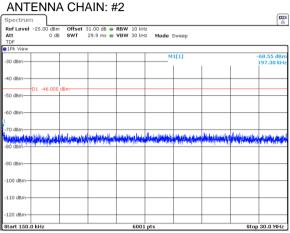


Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 30-Sep-21	verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

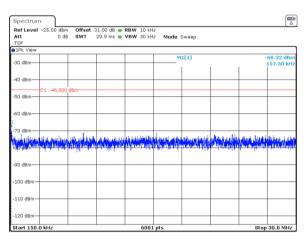
Plot 7.6.60 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency

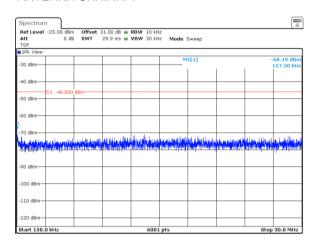


QPSK 40 MHz ANTENNA CHAIN: #2



ANTENNA CHAIN: #3

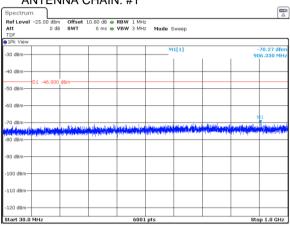




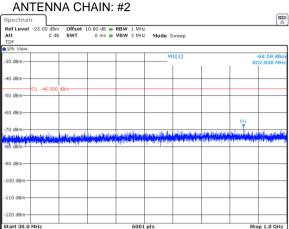


Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Vandiat	PASS
Date(s):	25-Aug-21 – 30-Sep-21	Verdict:	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:	•		

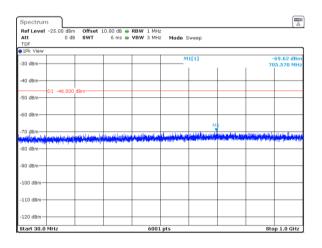
Plot 7.6.61 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

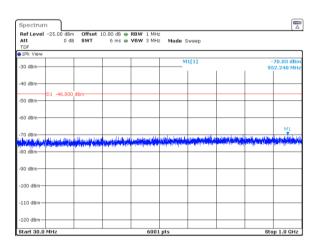


QPSK 40 MHz



ANTENNA CHAIN: #3

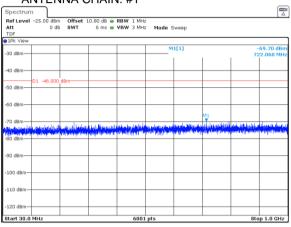




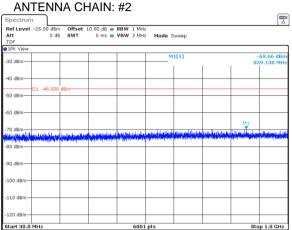


Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 30-Sep-21	verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

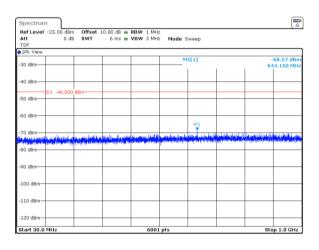
Plot 7.6.62 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency

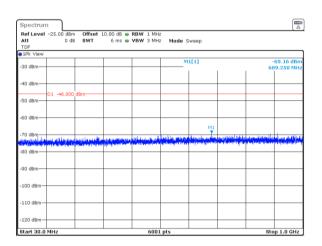


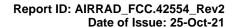
QPSK 40 MHz



ANTENNA CHAIN: #3



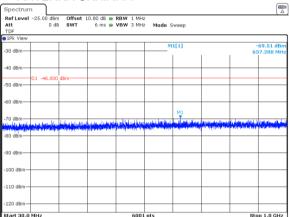




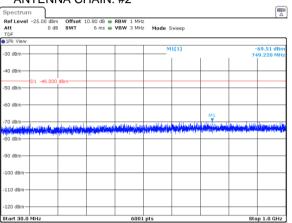


Plot 7.6.63 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

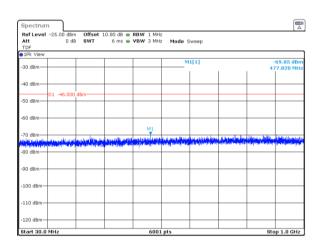
MODULATION: CHANNEL SPACING: ANTENNA CHAIN: #1

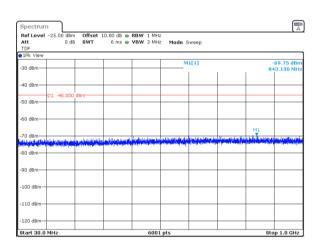


QPSK 40 MHz ANTENNA CHAIN: #2



ANTENNA CHAIN: #3

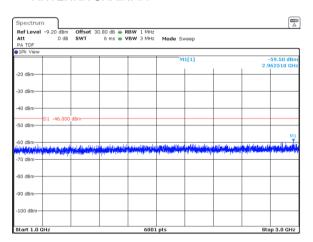






Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 30-Sep-21	verdict.	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

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



QPSK 40 MHz ANTENNA CHAIN: #2

