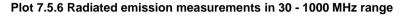
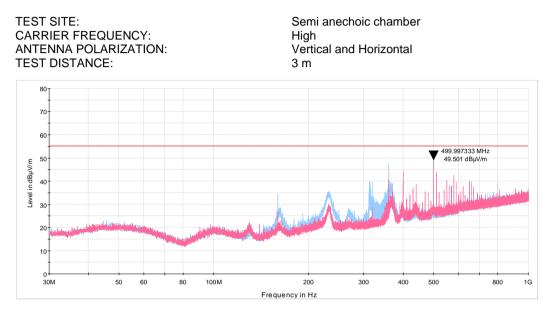
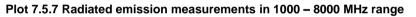
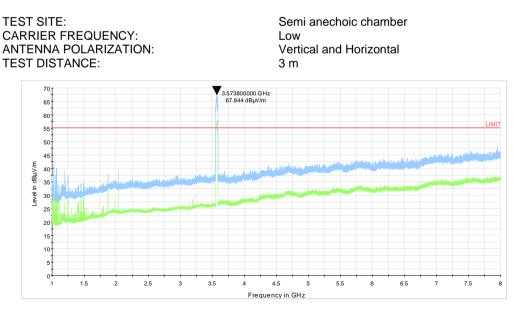


Test specification:	Section 96.41(e)(2), Radiated spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21	Verdict: PASS		
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				





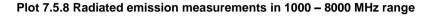


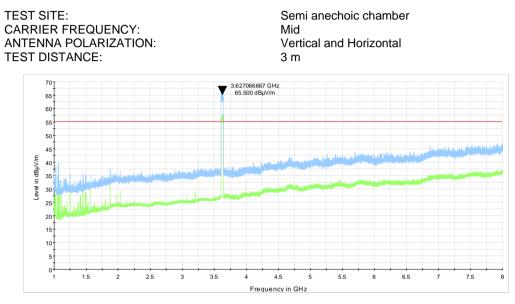


Note: 3573.8 MHz is low fundamental frequency

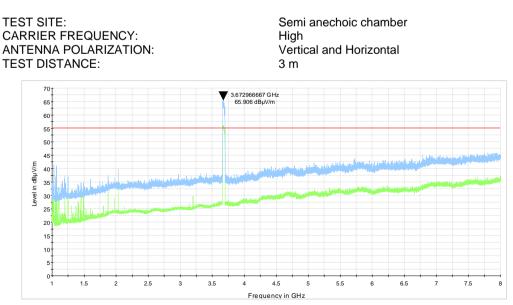


Test specification:	ification: Section 96.41(e)(2), Radiated spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Vardiate	PASS		
Date(s):	25-Aug-21	Verdict:	PA33		
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:	-				





Note: 3627.06 MHz is mid fundamental frequency



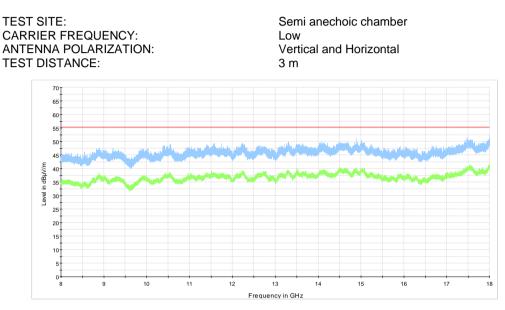
Plot 7.5.9 Radiated emission measurements in 1000 - 8000 MHz range

Note: 3672.9 MHz is high fundamental frequency

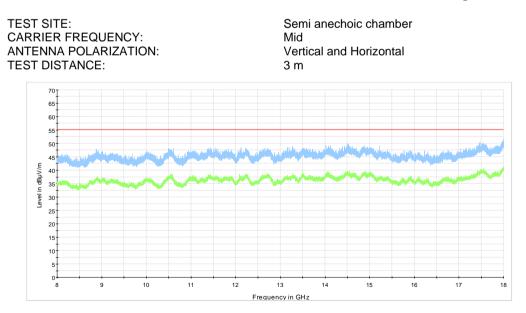


Test specification:	Section 96.41(e)(2), Radiated spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21	Verdict: PASS		
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				





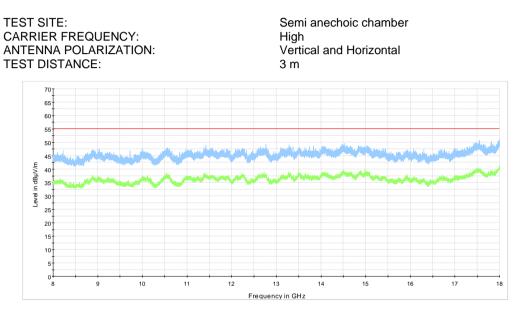
Plot 7.5.11 Radiated emission measurements in 8000 - 18000 MHz range



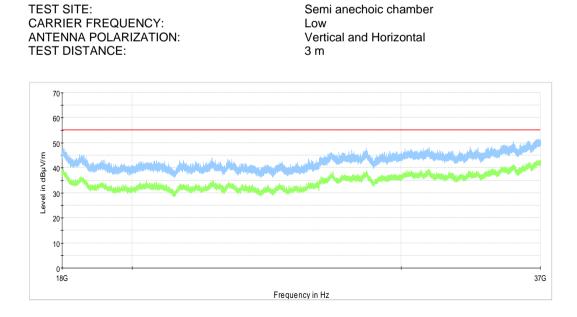


Test specification:	Section 96.41(e)(2), Radiated spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21	verdict:	PASS		
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:	-				





Plot 7.5.13 Radiated emission measurements in 18000 – 37000 MHz range

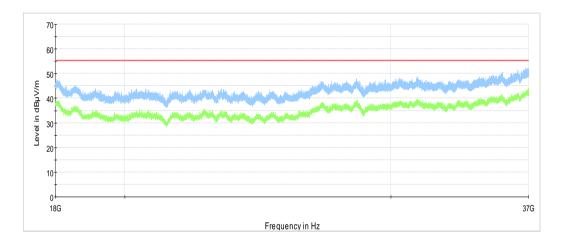




Test specification:	Section 96.41(e)(2), Radiated spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Vardiate	DASS		
Date(s):	25-Aug-21	- Verdict: PASS			
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa Power: 48 VAC			
Remarks:					

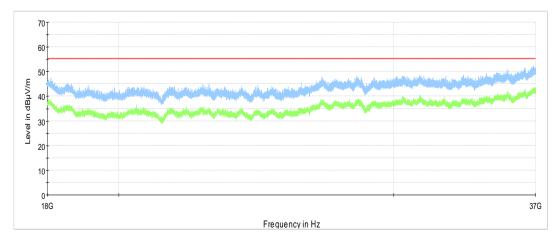


TEST SITE: CARRIER FREQUENCY: ANTENNA POLARIZATION: TEST DISTANCE: Semi anechoic chamber Mid Vertical and Horizontal 3 m





TEST SITE:Semi anechoic chamberCARRIER FREQUENCY:HighANTENNA POLARIZATION:Vertical and HorizontalTEST DISTANCE:3 m





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

7.6 Spurious emissions at RF antenna connector test

7.6.1 General

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

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

7.6.2 Test procedure

- 7.6.2.1 The EUT was set up as shown in Figure 7.6.1, energized and its proper operation was checked.
- 7.6.2.2 The EUT was adjusted to produce maximum available for end user RF output power.
- 7.6.2.3 The spurious emission was measured with spectrum analyzer as provided in Table 7.6.2 and associated plots.

Figure 7.6.1 Spurious emission test setup





Test specification: Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict:	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PA33	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa Power: 48 VAC		
Remarks:				

Table 7.6.2 Spurious emission test results

ASSIGNED FREG INVESTIGATED F DETECTOR USEI VIDEO BANDWID MODULATION: TRANSMITTER C NUMBER ANTEN	REQUENCY RAND: D: DTH: DUTPUT POWER S	IGE: 0.0 Pea ≥ R QP	esolution bandwi SK ximum	dth	
			e power (RMS)		
Frequency, MHz	Maximun emission per chain, dBm**	Total emission, dBm***	Limit, dBm	Margin, dB*	Verdict
Channel bandwid	dth 10 MHz				
Low carrier frequ	uency 3555 MHz				
3058.87	-53.59	-47.59	-40.00	-7.59	Pass
Mid carrier frequ	ency 3625 MHz				
3073.32	-53.37	-47.37	-40.00	-7.37	Pass
High carrier freq	uency 3695 MHz				
3099.05	-53.52	-47.52	-40.00	-7.52	Pass
Channel bandwid	dth 20 MHz				
Low carrier frequ	uency 3560 MHz				
3067.03	-53.43	-47.43	40.00	-7.43	Pass
Mid carrier frequ	ency 3625 MHz				
3024.91	-53.52	-47.52	-40.00	-7.52	Pass
High carrier freq	uency 3690 MHz				
3730.08	-50.69	-44.69	-40.00	-4.69	Pass



Test specification:	st specification: Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance				
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:					

Table 7.6.3 Spurious emission test results

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

*- Margin = Total spurious emission - specification limit.

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

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

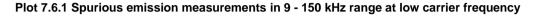
Reference numbers of test equipment used

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

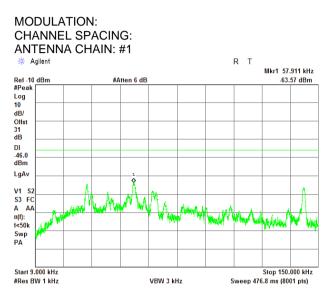
Full description is given in Appendix A.

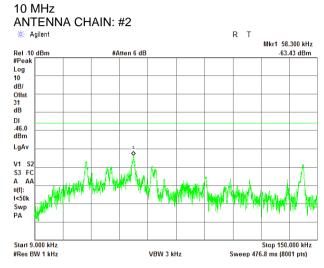


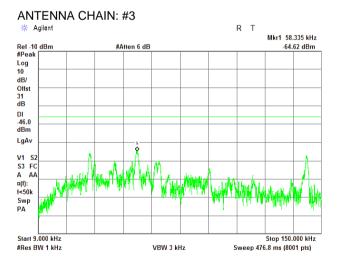
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Vardiate	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

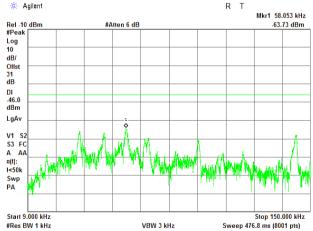


QPSK



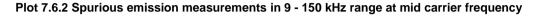




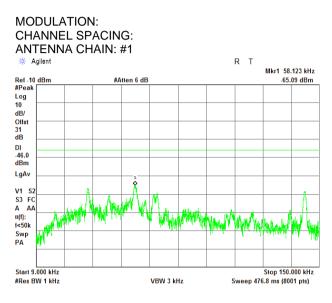


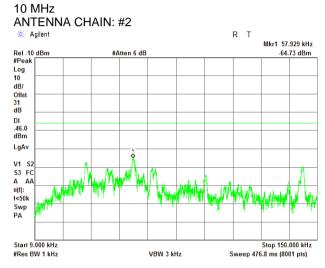


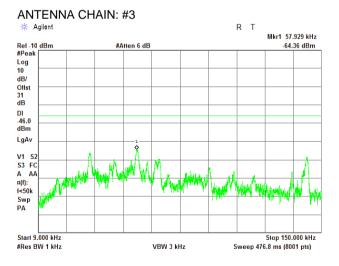
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PA33		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

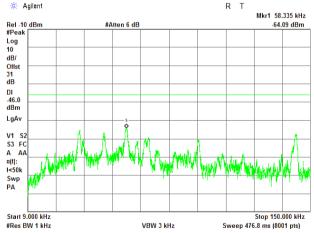


QPSK







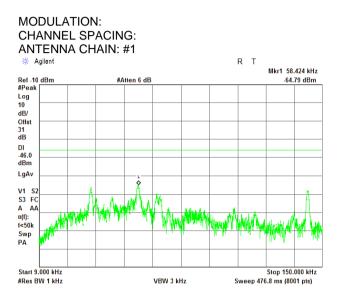


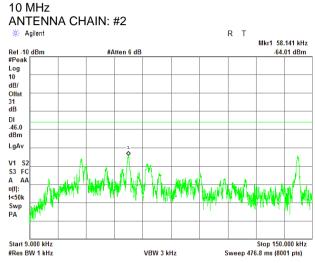


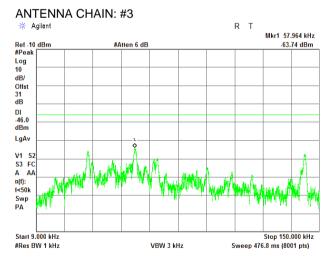
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PA33		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

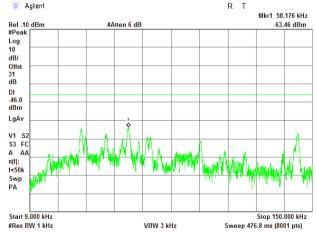
Plot 7.6.3 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency

QPSK







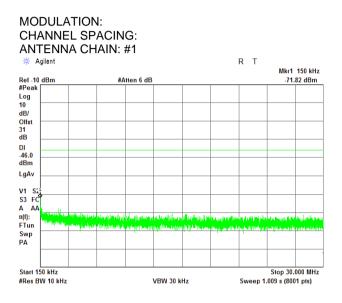


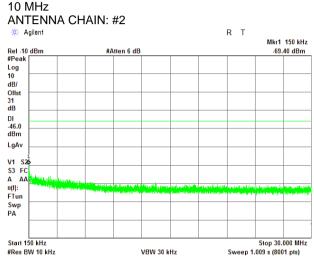


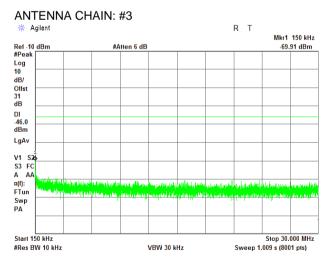
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PA33		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

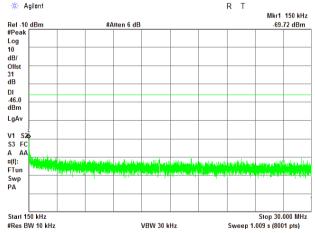
Plot 7.6.4 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency

QPSK







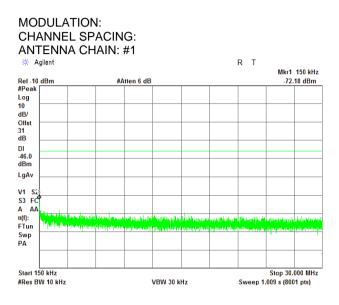


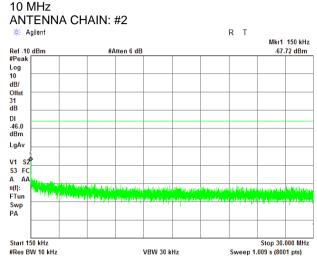


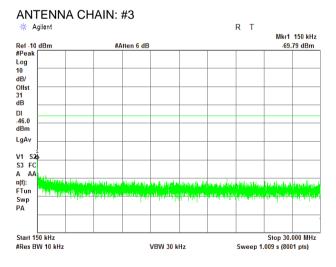
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict: PASS			
Date(s):	25-Aug-21 – 24-Nov-21				
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

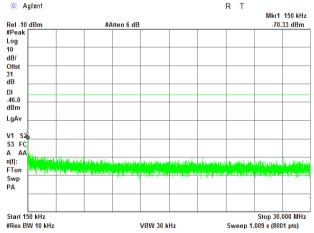
Plot 7.6.5 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

QPSK







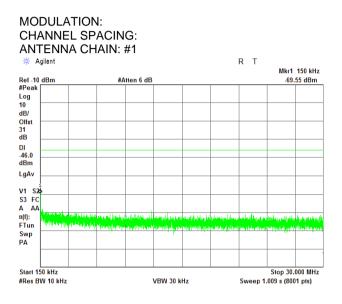


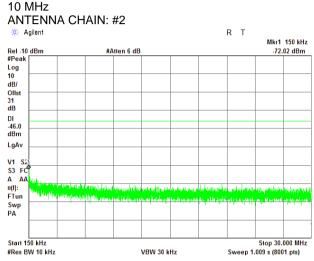


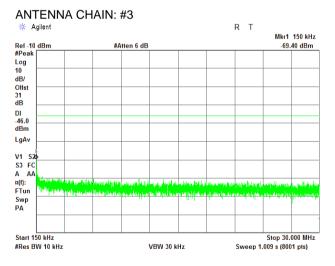
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict: PASS			
Date(s):	25-Aug-21 – 24-Nov-21				
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

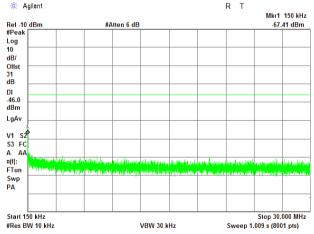
Plot 7.6.6 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency

QPSK







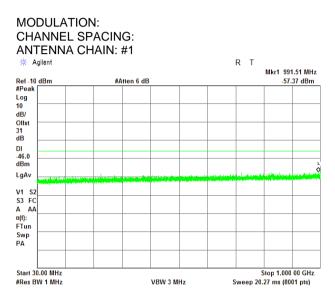


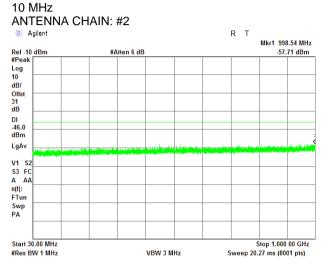


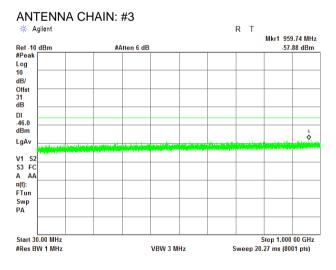
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	- Verdict: PASS			
Date(s):	25-Aug-21 – 24-Nov-21				
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

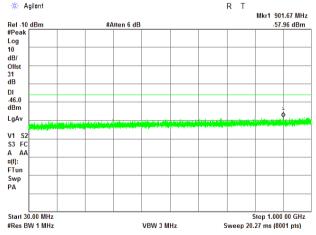
Plot 7.6.7 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency

QPSK





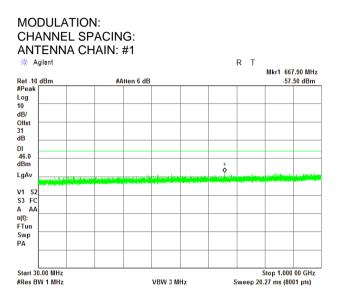


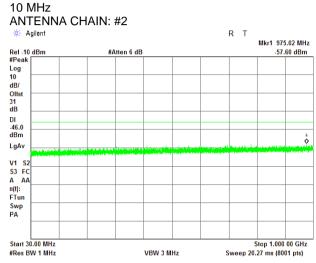


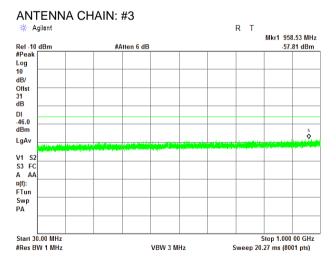


Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	- Verdict: PASS			
Date(s):	25-Aug-21 – 24-Nov-21				
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

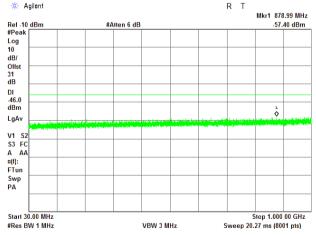
Plot 7.6.8 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency









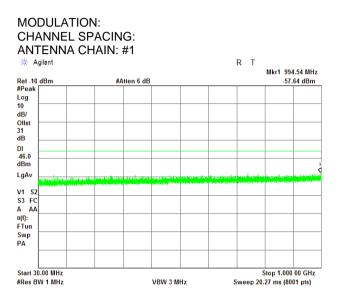


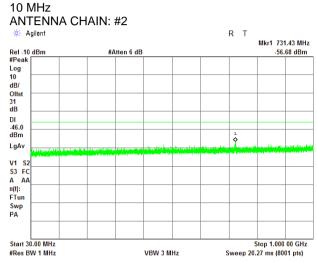


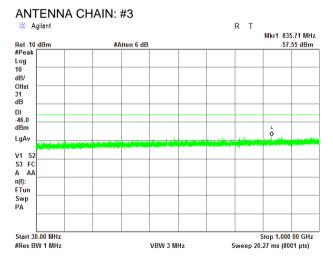
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PA33		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

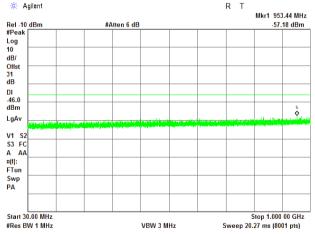
Plot 7.6.9 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

QPSK





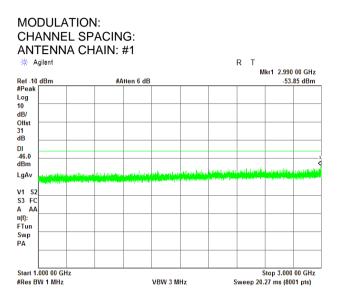


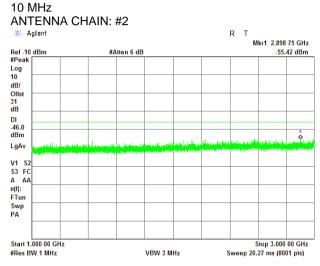


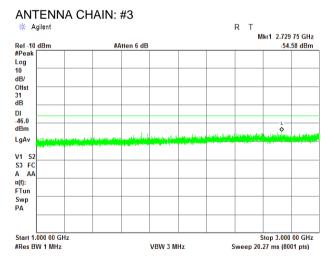


Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Vardiati	DASS		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS			
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

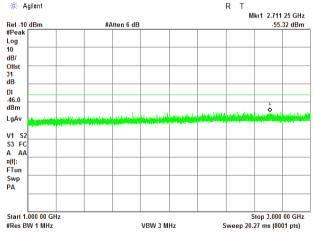
Plot 7.6.10 Spurious emission measurements in 1000 - 3000 MHz range at low carrier frequency







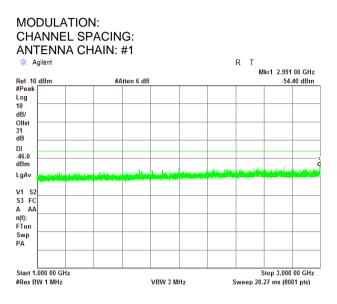


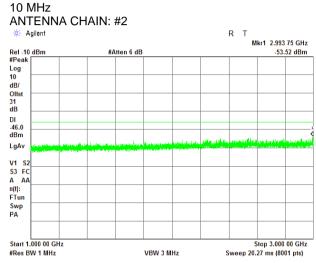


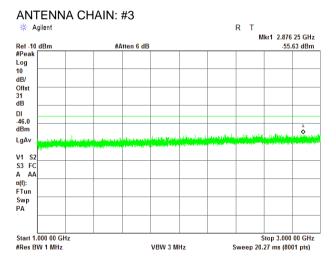


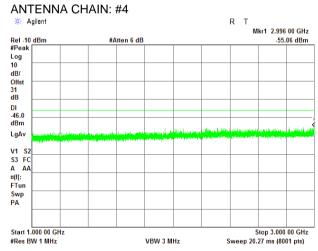
Test specification:	Section 96.41(e)(3), Conducted spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

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





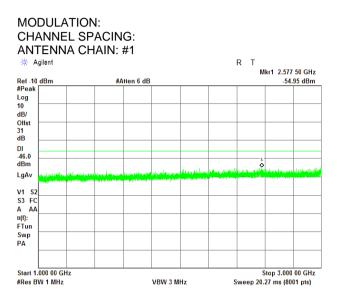


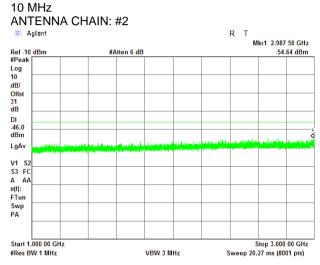


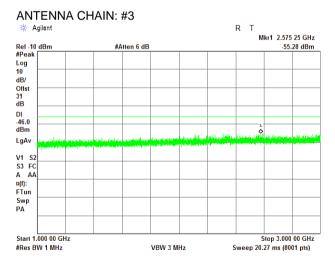


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

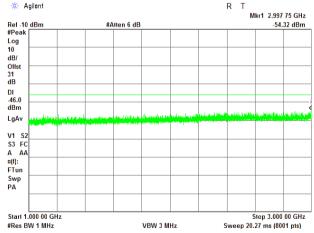
Plot 7.6.12 Spurious emission measurements in 1000 - 3000 MHz range at high carrier frequency









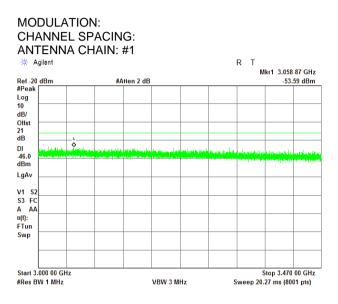


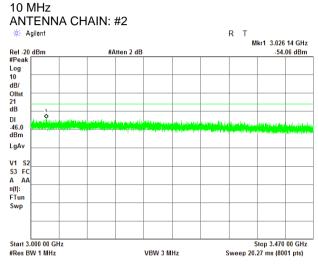


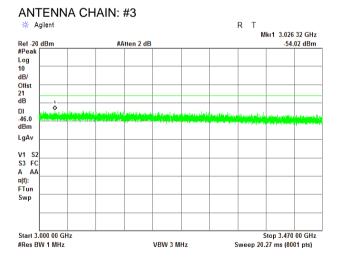
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

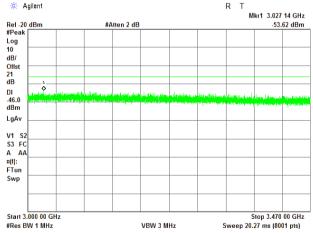
Plot 7.6.13 Spurious emission measurements in 3000 - 3470 MHz range at low carrier frequency

QPSK







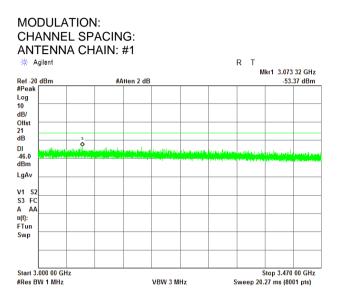


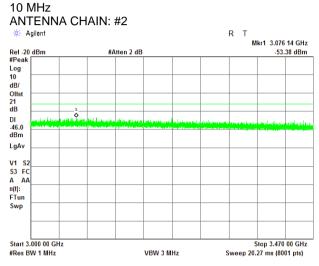


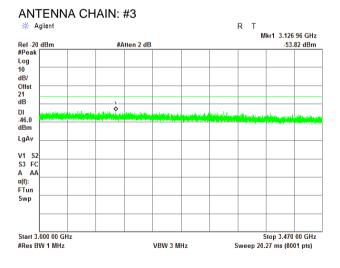
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	- Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

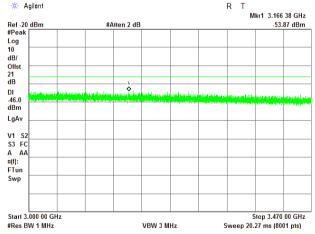
Plot 7.6.14 Spurious emission measurements in 3000 - 3470 MHz range at mid carrier frequency

QPSK





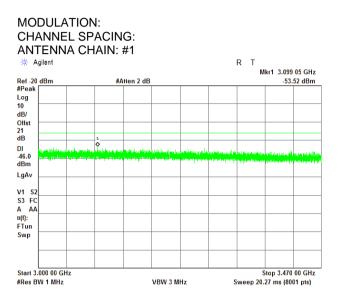


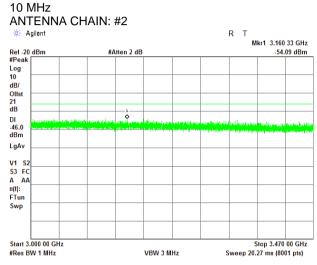


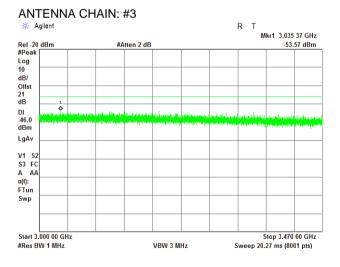


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

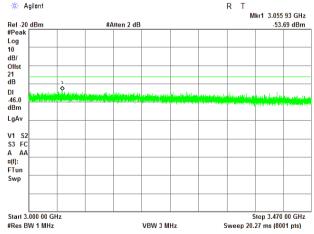
Plot 7.6.15 Spurious emission measurements in 3000 - 3470 MHz range at high carrier frequency







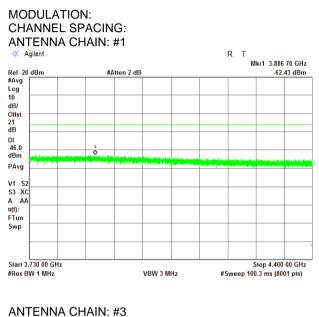


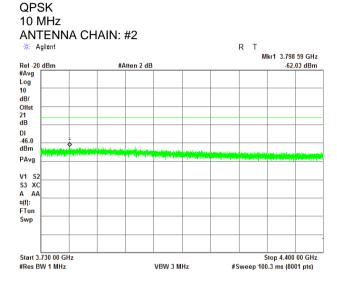


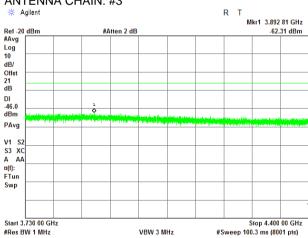


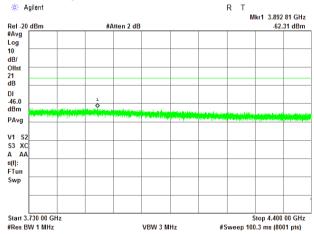
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Vardiati	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

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







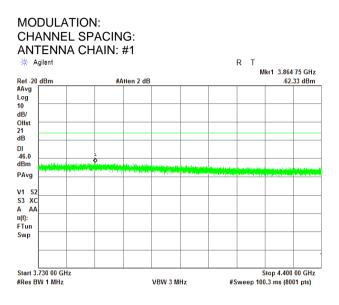


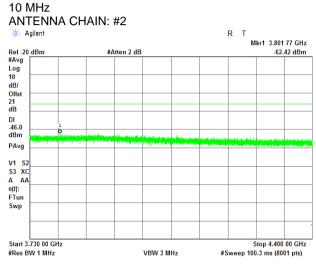


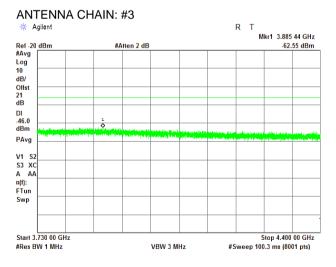
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	- Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

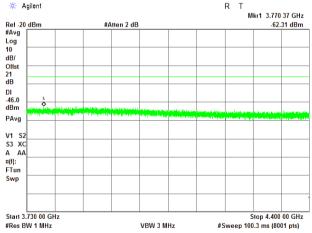
Plot 7.6.17 Spurious emission measurements in 3730 - 4400 MHz range at mid carrier frequency

QPSK







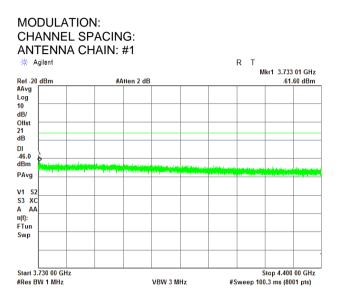


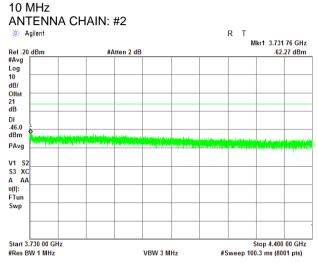


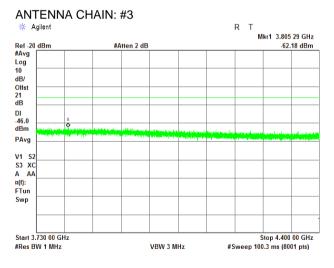
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	- Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

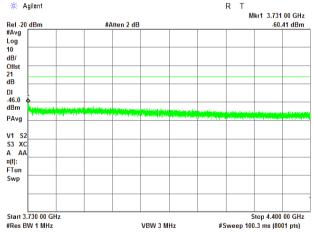
Plot 7.6.18 Spurious emission measurements in 3730 - 4400 MHz range at high carrier frequency

QPSK





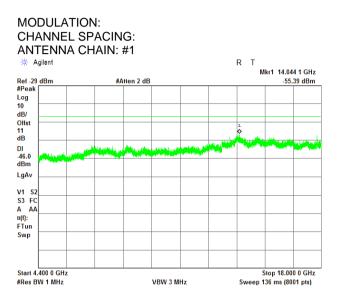


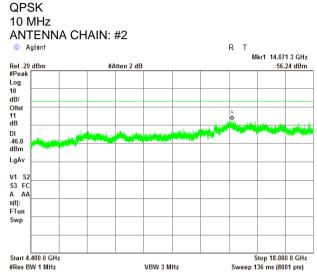


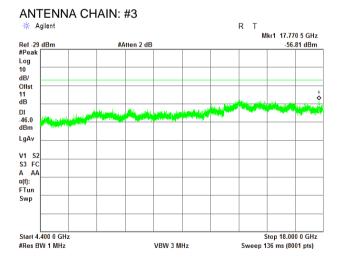


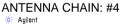
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance			
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

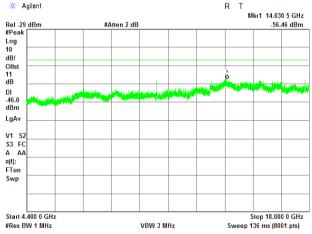
Plot 7.6.19 Spurious emission measurements in 4400 - 18000 MHz range at low carrier frequency







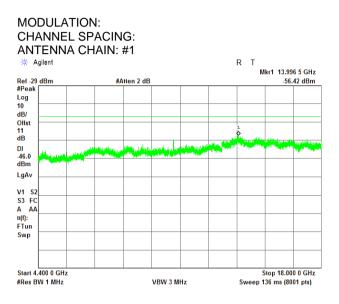


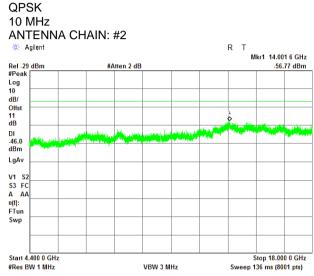


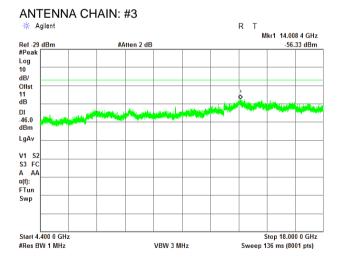


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

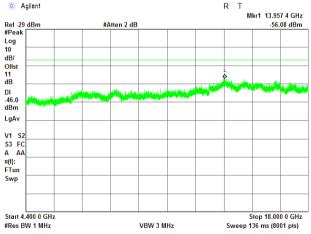
Plot 7.6.20 Spurious emission measurements in 4400 - 18000 MHz range at mid carrier frequency







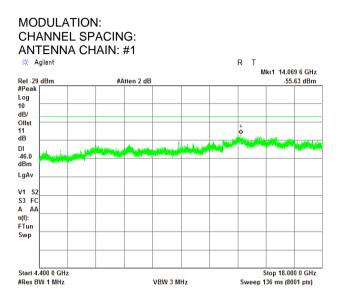


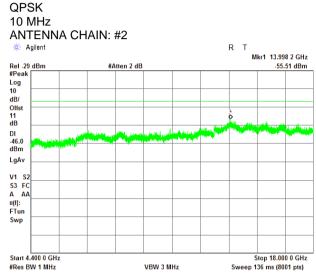


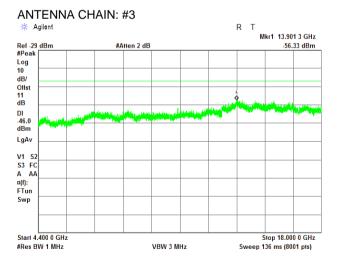


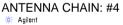
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance			
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

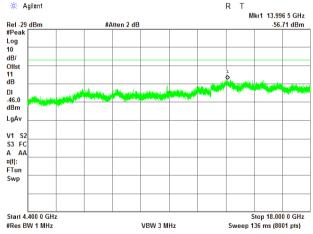
Plot 7.6.21 Spurious emission measurements in 4400 - 18000 MHz range at high carrier frequency









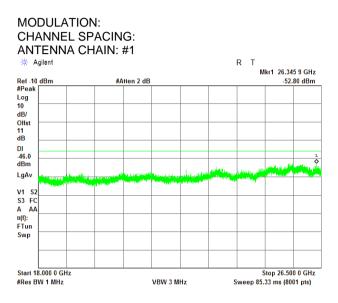


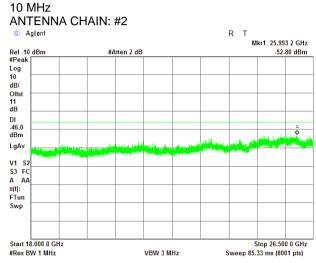


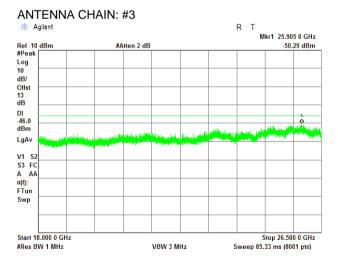
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	- Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

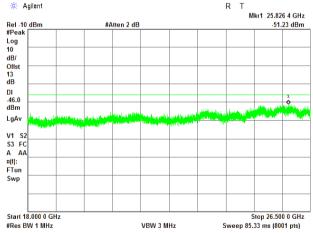
Plot 7.6.22 Spurious emission measurements in 18000 - 26500 MHz range at low carrier frequency

QPSK







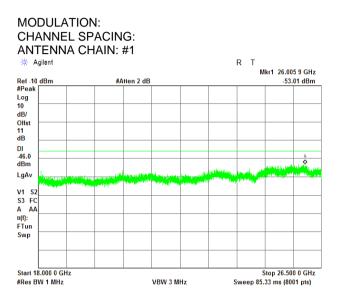


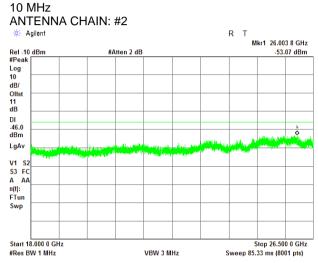


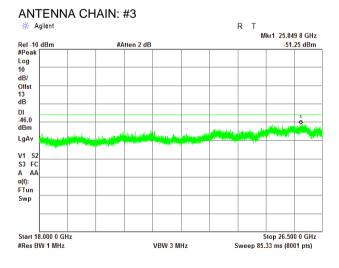
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	- Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

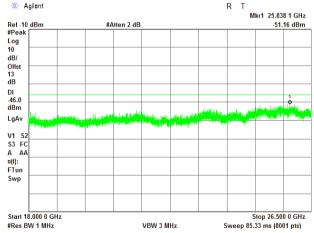
Plot 7.6.23 Spurious emission measurements in 18000 - 26500 MHz range at mid carrier frequency

QPSK







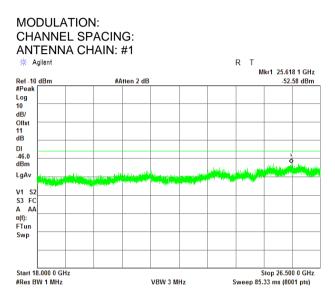


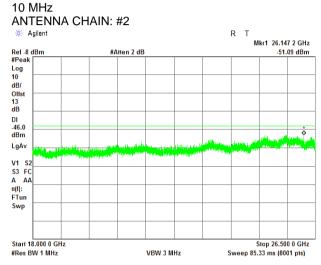


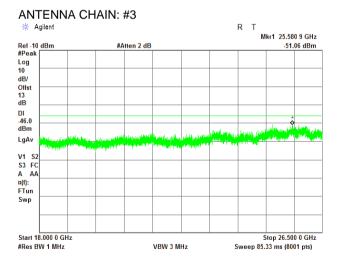
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	- Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

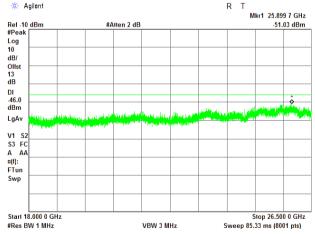
Plot 7.6.24 Spurious emission measurements in 18000 - 26500 MHz range at high carrier frequency

QPSK





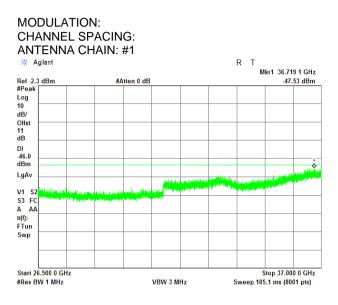


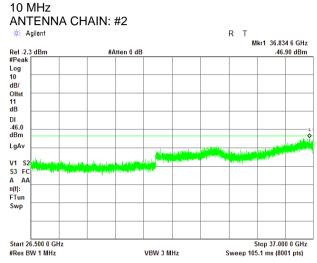


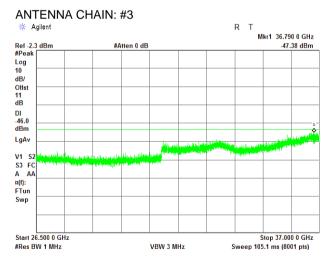


Test specification: Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict: PASS	
Date(s):	25-Aug-21 – 24-Nov-21		PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

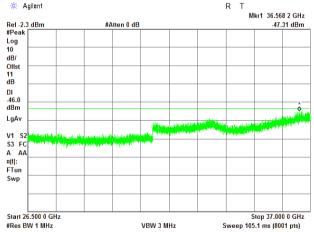
Plot 7.6.25 Spurious emission measurements in 26500 - 37000 MHz range at low carrier frequency









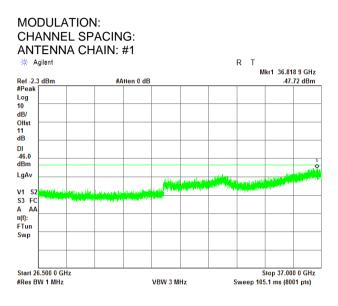


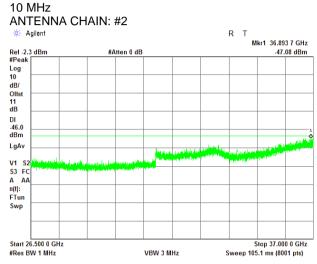


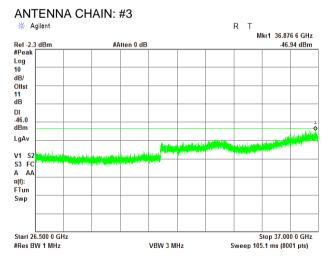
Test specification:	ation: Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict: PASS	
Date(s):	25-Aug-21 – 24-Nov-21		PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

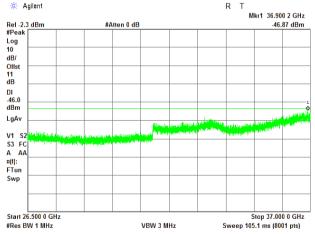
Plot 7.6.26 Spurious emission measurements in 26500 - 37000 MHz range at mid carrier frequency

QPSK







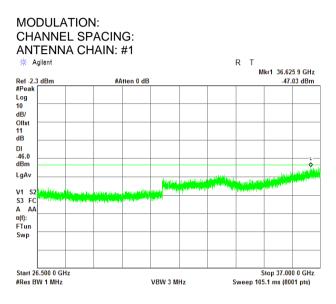


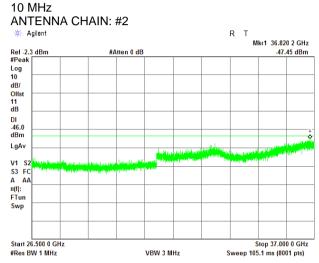


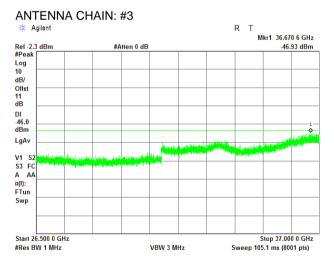
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Vardiate	rdict: PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

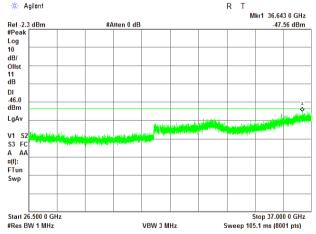
Plot 7.6.27 Spurious emission measurements in 26500 - 37000 MHz range at high carrier frequency

QPSK







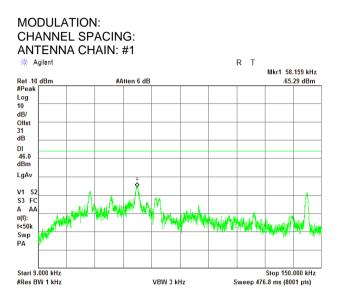


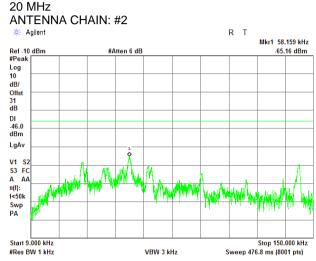


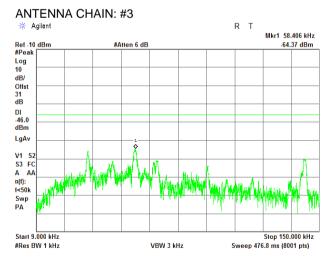
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21		PA33
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

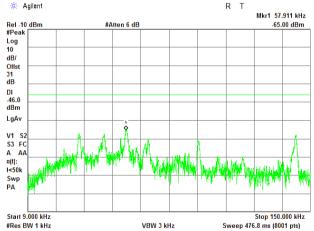
Plot 7.6.28 Spurious emission measurements in 9 - 150 kHz range at low carrier frequency

QPSK







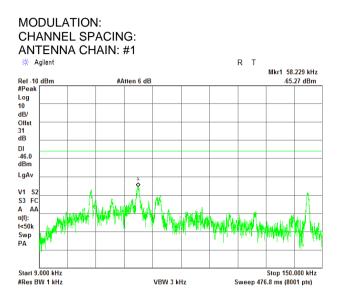


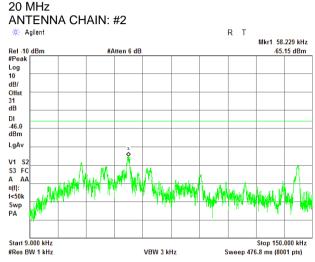


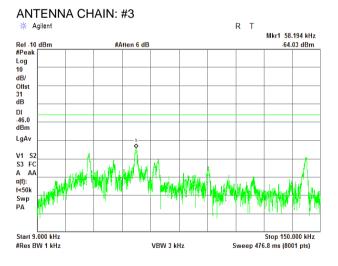
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

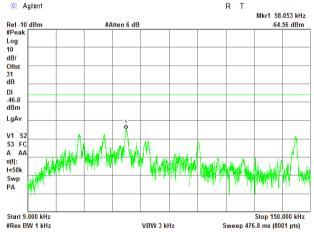
Plot 7.6.29 Spurious emission measurements in 9 - 150 kHz range at mid carrier frequency

QPSK







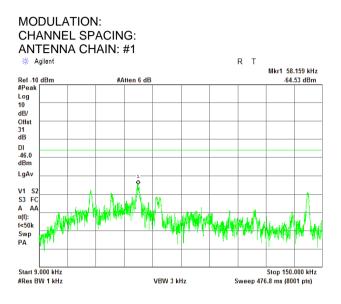


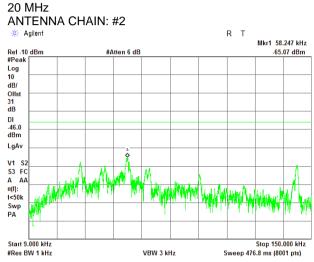


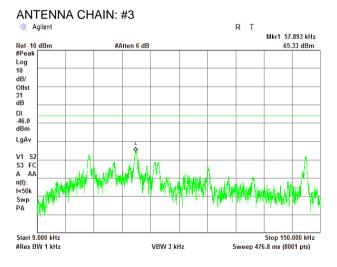
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

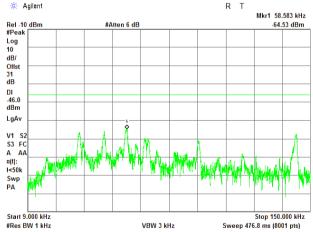
Plot 7.6.30 Spurious emission measurements in 9 - 150 kHz range at high carrier frequency

QPSK







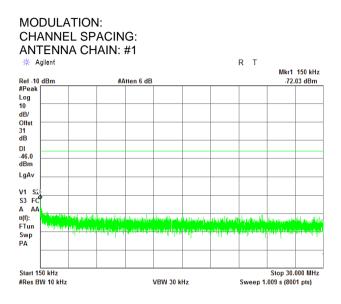


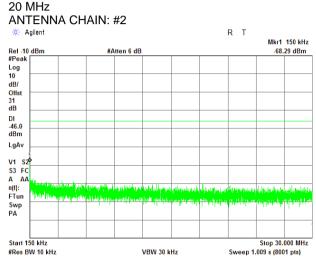


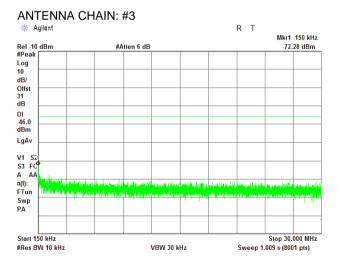
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Verdict: PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

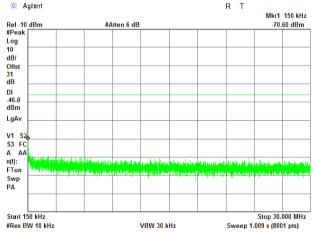
Plot 7.6.31 Spurious emission measurements in 150 kHz - 30 MHz range at low carrier frequency

QPSK







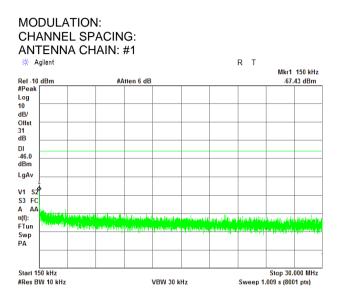


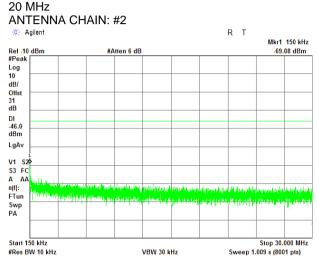


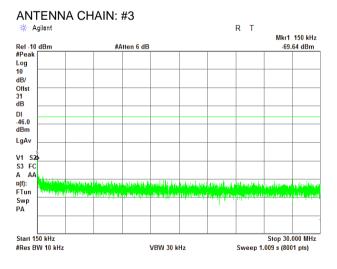
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

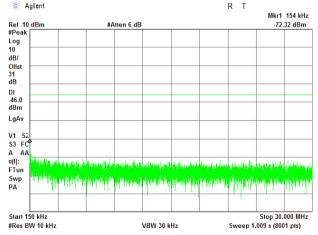
Plot 7.6.32 Spurious emission measurements in 150 kHz - 30 MHz range at mid carrier frequency

QPSK







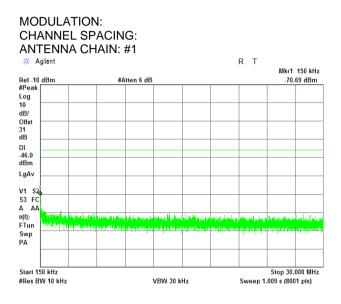


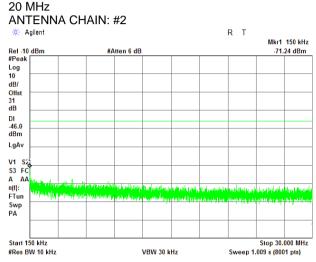


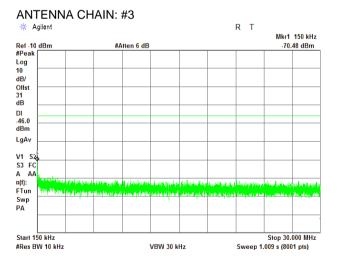
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

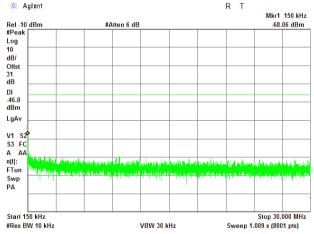
Plot 7.6.33 Spurious emission measurements in 150 kHz - 30 MHz range at high carrier frequency

QPSK





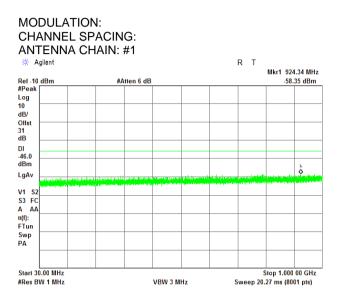


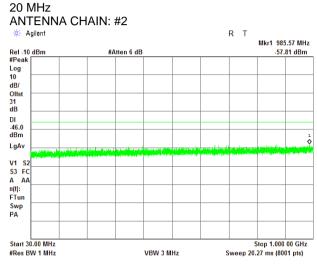


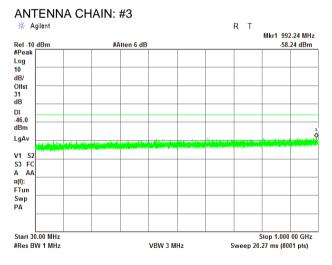


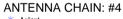
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

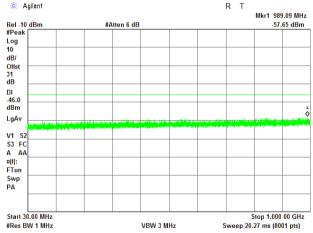
Plot 7.6.34 Spurious emission measurements in 30 - 1000 MHz range at low carrier frequency







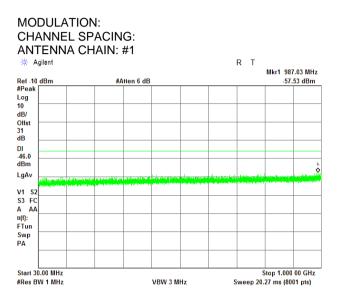


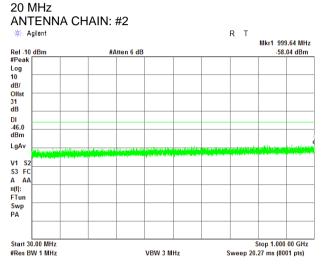


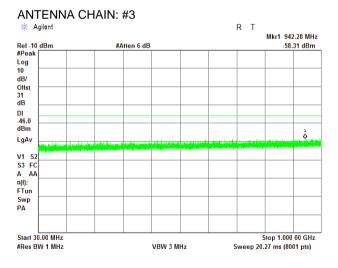


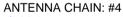
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

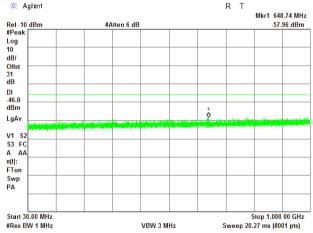
Plot 7.6.35 Spurious emission measurements in 30 - 1000 MHz range at mid carrier frequency









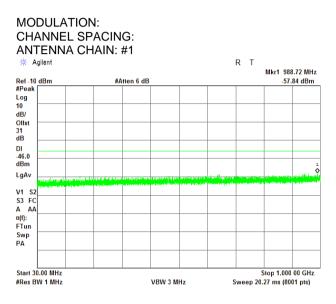


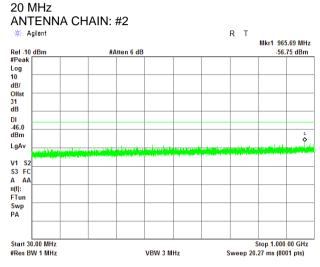


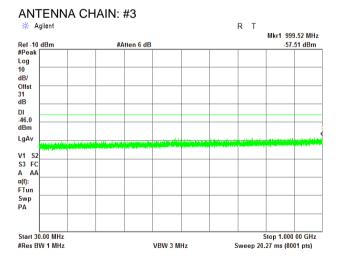
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

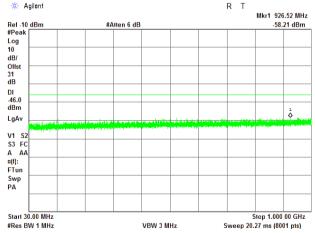
Plot 7.6.36 Spurious emission measurements in 30 - 1000 MHz range at high carrier frequency

QPSK







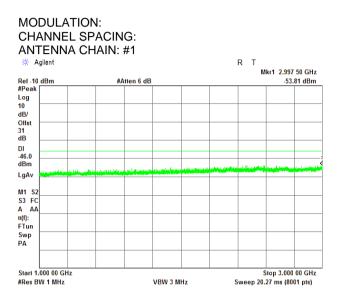


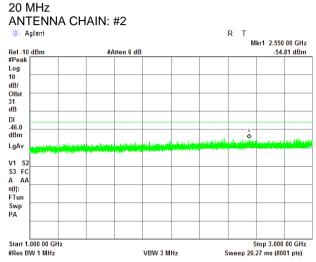


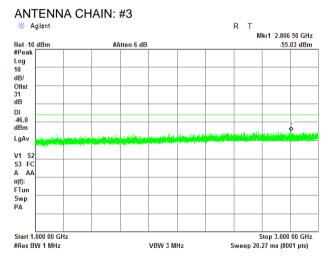
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate		
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS		
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

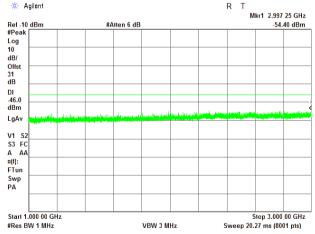
Plot 7.6.37 Spurious emission measurements in 1000 - 3000 MHz range at low carrier frequency

QPSK





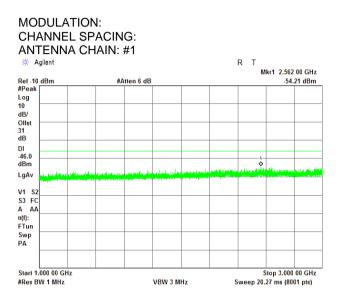


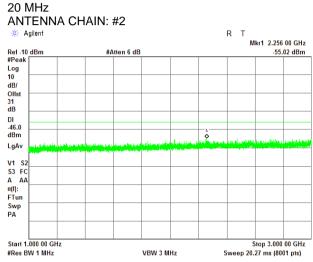


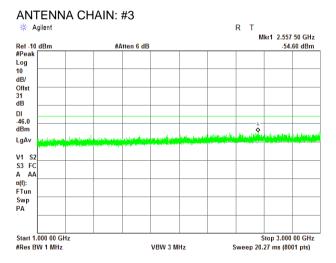


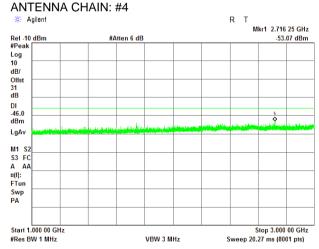
Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

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





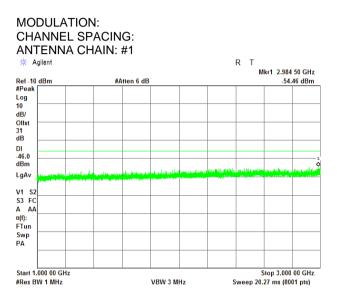


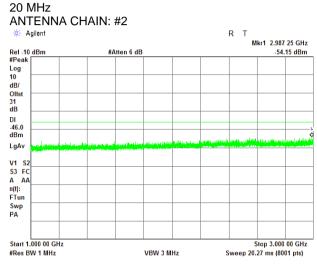


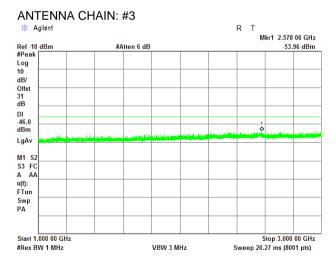


Test specification:	Section 96.41(e)(3), Conducted spurious emissions		
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Vardiati	DASS
Date(s):	25-Aug-21 – 24-Nov-21	Verdict: PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			

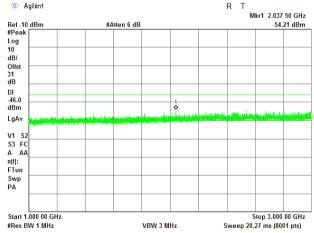
Plot 7.6.39 Spurious emission measurements in 1000 - 3000 MHz range at high carrier frequency







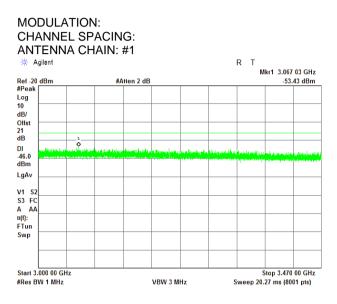


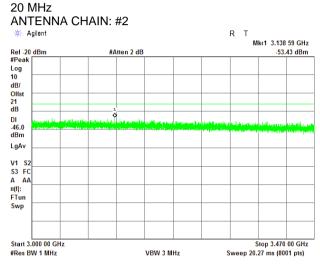


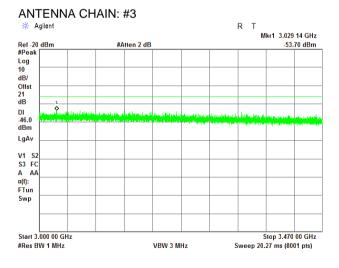


Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

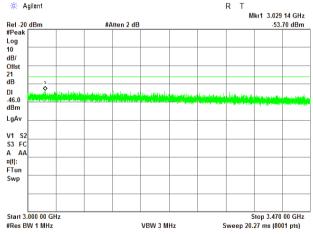
Plot 7.6.40 Spurious emission measurements in 3000 - 3470 MHz range at low carrier frequency









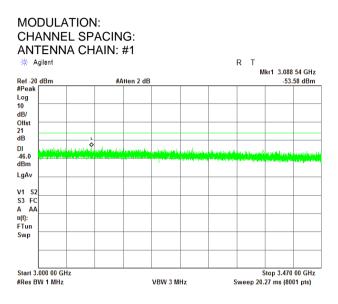


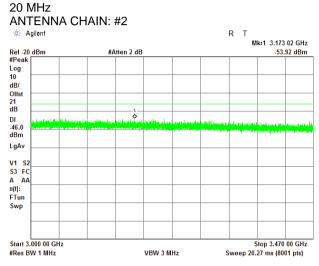


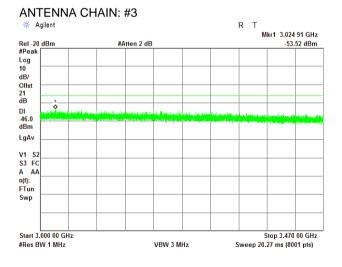
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

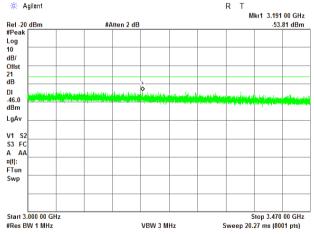
Plot 7.6.41 Spurious emission measurements in 3000 - 3470 MHz range at mid carrier frequency

QPSK





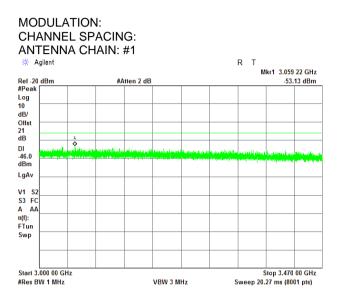


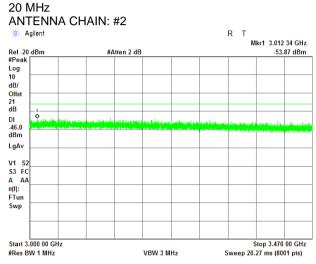


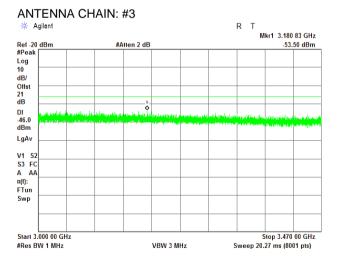


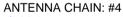
Test specification:	Section 96.41(e)(3), Conducted spurious emissions			
Test procedure:	Section 96.41(e)(3)			
Test mode:	Compliance	Vardiate	PASS	
Date(s):	25-Aug-21 – 24-Nov-21	Verdict:	PASS	
Temperature: 24.1 °C	Relative Humidity: 49 %	Air Pressure: 1011 hPa	Power: 48 VAC	
Remarks:				

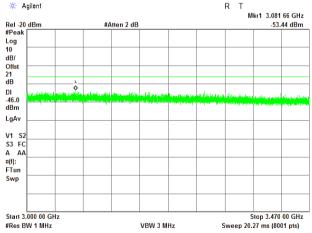
Plot 7.6.42 Spurious emission measurements in 3000 - 3470 MHz range at high carrier frequency













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.		
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

