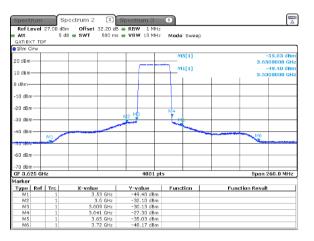


Test specification:	Section 96.41(e), Emission	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)						
Test mode:	Compliance	Verdict:	PASS				
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS				
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC				
Remarks:							

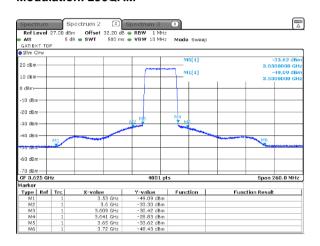
Plot 7.4.32 Emission outside the fundamental test results at mid carrier frequency

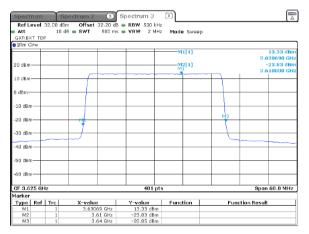
CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



GAT:E>		10 d		RBW 500 kHz BW 2 MHz	Mode Sweep		
		-					
IRM C	lrw				M1[1]		13.83 dBm
					milil		3.611980 GH
0 dBm					M2[1]		-23.18 dBn
0.0011			M1				3.610000 GH
D dBm	\rightarrow						
						1 1 1	
dBm-	_						
10 dBn	n						
						ма	
20 dBn			- M ²	+ +		170	
30 dBn	-						
	\sim						
40 dBn							
50 dBn							
60 dBn	.						
ou aen	1						
F 3.6	25 GH	7		401 pts			Span 60.0 MHz
arker	20 01			ior pes			opan boto minz
	Ref	Trc	X-value	Y-value	Function	Euncti	on Result
M1		1	3.61198 GHz	13.83 dBm		Tunct	
M2		1	3.61 GHz	-23.18 dBm			
M3		1	3.64 GHz	-20.77 dBm			

30 MHz 4 Modulation: 256QAM



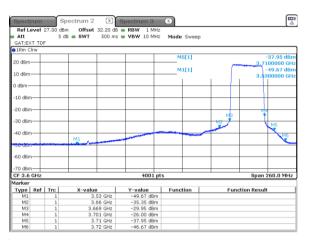




Test specification:	Section 96.41(e), Emission	mask	
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	FA33
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

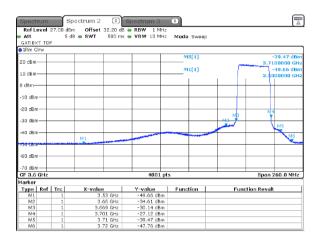
Plot 7.4.33 Emission outside the fundamental test results at high carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



RofLouo	32.00 dB	m Offent 22.20 /	18 🖷 RBW 500 kHz			(-
Att			ns VBW 2 MHz			
GAT:EXT TI				Hode Sweep		
1Rm Clrw						
				M1[1]		14.49 dBn
						3.673030 GH
0 dBm		M		M2[1]		-25.20 dBn
		-				3.670000 GH:
0 dBm						
dBm						
10 dBm			_		+ $+$ $+$	
					M3	
20 dBm-		MP				
30 dBm						
40 dBm						
50 dBm					+	
60 dBm						
F 3.685 G	Hz		401 pts			Span 60.0 MHz
arker	1 - 1					
Type Ref M1	f Trc	X-value 3.67303 GHz	Y-value 14.49 dBm	Function	Functio	n Result
M1 M2	1	3.67303 GHZ 3.67 GHz	-25.20 dBm			
M3	1	3.7 GHz	-20.20 dBm			

30 MHz



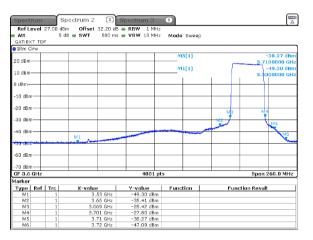
Att	evel :	32.00 dB 10 c	m Offset 32.20 dB	Spectrum 3 RBW 500 kHz VBW 2 MHz	Mode Sweep		
GAT:EX							
20 dBm			Mi		M1[1] M2[1]		14.49 dBr 3.673030 GH -25.19 dBr 3.670000 GH
10 dBm	+						
0 dBm—	-		+	+ +			
-10 dBm	-						
-20 dBm	+		ME			MB	
-30 dBm	-		<u>, </u>			\rightarrow	
-40 dBm	_					5	
40 UB1							
-50 dBm	+						
-60 dBrr	+						
CF 3.6	35 GH	z		401 pts			Span 60.0 MHz
Marker	. (~ 1	× 1 1				
Type M1	Ket	Trc 1	X-value 3.67303 GHz	Y-value 14.49 dBm	Function	Funct	on Result
M2		1	3.67 GHz	-25.19 dBm			
M3		1	3.7 GHz	-20.20 dBm			



Test specification:	Section 96.41(e), Emission	Section 96.41(e), Emission mask						
Test procedure:	Section 96.41(e)(3)							
Test mode:	Compliance	Verdict:	PASS					
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	FA33					
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC					
Remarks:								

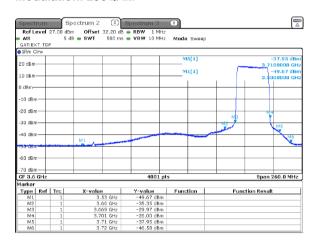
Plot 7.4.34 Emission outside the fundamental test results at high carrier frequency

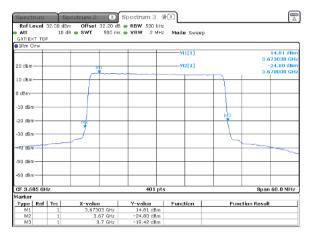
CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



GAT:E>			8 e SWT 500 r	ms 🖶 VBW 2 MHz	Mode Sweep		
	-				M1[1]		14.86 dBrr
							3.671980 GHz
0 dBm			M1		M2[1]		-23.54 dBn
			· · · · · · · · · · · · · · · · · · ·				3.670000 GH:
.D dBm							
I dBm-	-						
10 dBn	1						
						мз	
20 dBn			ME				
			I I I				
30 dBn	1						
40 dBn	1						
50 dBn	1-						
60 dBn	1-						
	85 GHz	<u>,</u>		401 pts			Span 60.0 MHz
arker							
Туре	Ref		X-value	Y-value	Function	Functio	in Result
M1 M2		1	3.67198 GHz 3.67 GHz	14.86 dBm -23.54 dBm			
M2 M3		1	3.67 GHz 3.7 GHz	-20.49 dBm			

30 MHz 2 Modulation: 256QAM



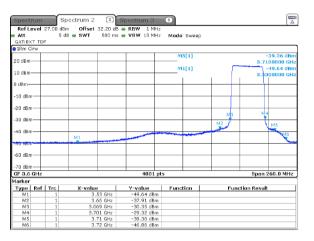




Test specification:	Section 96.41(e), Emission	Section 96.41(e), Emission mask						
Test procedure:	Section 96.41(e)(3)							
Test mode:	Compliance	Verdict:	PASS					
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	FA33					
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC					
Remarks:								

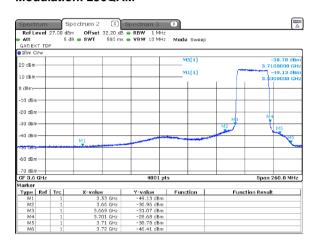
Plot 7.4.35 Emission outside the fundamental test results at high carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



Att	evel 3	10.d8m		dB 👄 RBW 500 kHz ms 🖶 VBW 2 MHz	Made Curre		
	T TDF		5 5 5 W 1 500	ms 🖶 VBW 2 MH2	Mode Sweep		
1Rm (lrw						
					M1[1]		12.87 dBm
							3.671980 GHz
0 dBm	-		M1		M2[1]		-25.91 dBn 3.670000 GH:
			×		+	+	3.870000 GH2
.0 dBm							
I dBm-							
abm-							
10 dBr							
10 001							
20 dBr						Ma	
			M\$			T T	
30 dBr	-						
40. dBr			-				
50 dBr	n						
60 dBr	1						
	85 GH	z		401 pts			Span 60.0 MHz
arker Type	Ref	Tre	X-value	Y-value	Function	Functio	n Result
M1	rei	1	3.67198 GHz		runcdon	Functio	II NOSUR
M2		1	3.67 GHz				
M3		1	3.7 GHz	-22.11 dBm			

30 MHz 3 Modulation: 256QAM



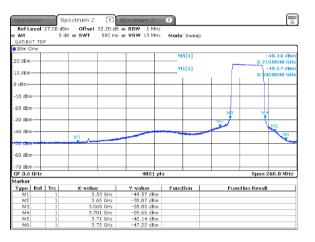
				M1[1]		12.87 dBr
20 dBm				M2[1]		3.673030 GH -26.72 dBr
		Mu				3.670000 GH
10 dBm					~	
) dBm						
10 dBm						
					мэ	
-20 d8m		Mg				
30 d8m		7				
00 0011						
40 d8m			_			
-50 dBm					-	
-60 dBm						
CF 3.685 GH	z		401 pts			Span 60.0 MHz
larker						
Type Ref	Trc	X-value	Y-value	Function	Fund	tion Result
M1	1	3.67303 GHz	12.87 dBm			
M2	1	3.67 GHz	-26.72 dBm			
M3	1	3.7 GHz	-20.54 dBm			



Test specification:	Section 96.41(e), Emission	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)						
Test mode:	Compliance	Verdict:	PASS				
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PA33				
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC				
Remarks:							

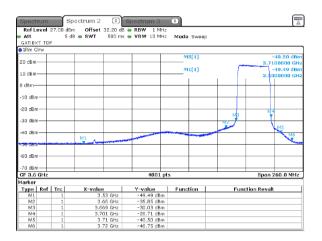
Plot 7.4.36 Emission outside the fundamental test results at high carrier frequency

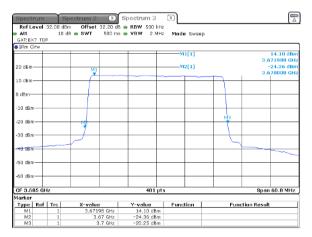
CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



RefL	evel 3	10.d8		dB RBW 500 kHz ms VBW 2 MHz			
GAT:E>	T TDF		5 5 5 6 1 500	ms . VBW 2 MHz	Mode Sweep		
1Rm C	lrw						
					M1[1]		14.11 dBm
							3.671980 GHz
0 dBm	-		M1		M2[1]		-24.21 dBm 3.670000 GHz
			×				3.870000 GH2
.D dBm							
I dBm-							
ubiii-							
10 dBn							
10 000							
20 dBn			mt			MB	
			1 ¥				
30 dBn	-						
48 dBn	7 ~ ~~					~	ma ma
50 dBn	n						
60 dBn	1						
arker	85 GH	۷		401 pts	•		Span 60.0 MHz
arker Type	Ref	Trc	X-value	Y-value	Function	Eupctic	on Result
M1	ndi	1	3.67198 GH		ranceon	Tuncti	
M2		1	3.67 GH	z -24.21 dBm			
M3		1	3.7 GH	z -21.04 dBm			

30 MHz 4 Modulation: 256QAM



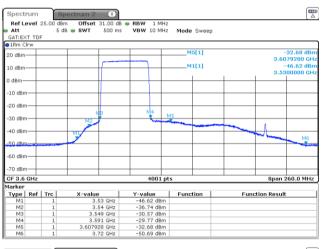


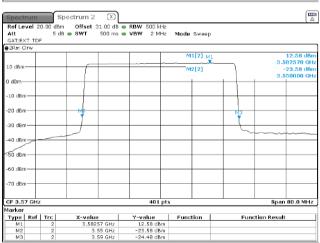


Test specification:	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)					
Test mode:	Compliance	Verdict:	PASS			
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC			
Remarks:						

Plot 7.4.37 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: **Modulation: QPSK**





-33.99 dB M5[1] 20 dBm--33,99 (C) 3,6000000 GF -47,55 dB 3,5300000 GF M1[1] 10 dBm-) dBm--10 dBm -20 dBm· -30 dBm--40 dBm· Мб -50. dBm -60 dBm· -70 dBm-Span 260.0 MHz CF 3.6 GHz 4001 pts X-value 3.53 GHz 3.54 GHz 3.549 GHz 3.591 GHz 3.6 GHz 3.72 GHz Y-value Function -47.55 dBm -30.64 dBm -30.95 dBm -30.95 dBm -30.95 dBm -33.99 dBm -31.91 dBm -51.21 dBm Type Ref Trc Т Function Result M1 M2 M3 M4 M5 M6 Spectrum Spectrum 2 2 Ref Level 20.00 dbm Offset 31.00 db RBW 500 kHz Att 5 db SWT 500 ms VBW 2 MHz Mode Sweep GATEKT TDF T Statest T 500 ms VBW 2 MHz

●2Rm C	lrw						
					M1[2] _{M1}		12.28 dB
					¥		3.581770 GF
10 dBm	-				M2[2])	-22.91 dB
							3.550000 GF
0 dBm-	-						
-10 dBn	n —		+ + +				
-20 dBn	n		ME	_		<u>M</u> 3	
			1 † 1			III	
-30 dBn							
-40 dBn						1 7	
-+0 001	'm	~					
10.00	. I.						
≪SÓ dBn	n — —						
-60 dBn	n						
-70 dBn	n						
CF 3.5	7 GHz			401 pts			Span 80.0 MH
Marker							
Туре	Ref	Trc	X-value	Y-value	Function	Func	tion Result
M1		2	3.58177 GHz	12.28 dBm			
M2		2	3.55 GHz	-22.91 dBm			
M3		2	3.59 GHz	-21.54 dBm			

40 MHz 1



Test specification:	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)					
Test mode:	Compliance	Verdict:	PASS			
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC			
Remarks:						

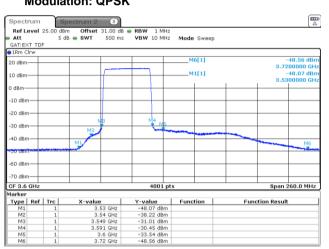
Plot 7.4.38 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

40 MHz

Modulation: 256QAM

2

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



Spectrum		pectrum 2 🛛 🕅				
Ref Level 2 Att			RBW 500 kHz VBW 2 MHz			
GAT:EXT TD		5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	VBW 2 MHZ	Mode Sweep		
2Rm View						
				M3[2] M1		-24.11 dBm
10-10-1				T	~	3.590000 GHz
10 dBm				M1[2]	1	12.81 dBm
0 dBm						3.582570 GHz
o ubin						
-10 dBm						
-20 dBm		ME			- 1/3	
		` ₹			*	
-30 dBm						
-40 dBm			-			
<50 dBm —						
-60 dBm						
-70 dBm						
CF 3.57 GH	z		401 pts			Span 80.0 MHz
Marker						
	Trc	X-value	Y-value	Function	Funct	ion Result
M1	2	3.58257 GHz	12.81 dBm			
M2	2	3.55 GHz	-23.36 dBm			
M3	2	3.59 GHz	-24.11 dBm			

Spectrum -48.69 dBm 3.7200000 GHz -47.78 dBm 3.5300000 GHz M6[1] 2D dBm-10 dBm M1[1] 0 dBm--10 dBm -20 dBm ť -30 dBm 40 dBm o dem -60 dBm -70 dBm TO dBm CF 3.6 GHz Marker Type Ref Trc M1 1 M2 1 M3 1 M4 1 M5 1 M6 1 4001 pts Span 260.0 MHz Y-value Function -47.78 dBm -37.59 dBm -30.14 dBm -29.96 dBm -33.84 dBm +48.69 dBm X-value 3.53 GHz 3.54 GHz 3.549 GHz 3.591 GHz 3.6 GHz 3.72 GHz Function Result

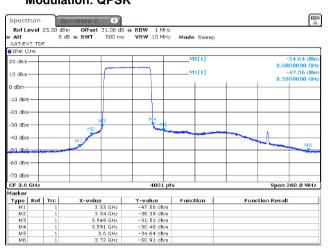
				M3[2] M1		-20.99 dB
10 dBm				M1[2]		3.590000 GI 12.52 dB
				mits1		3.582570 G
0 dBm					+ + +	
-10 dBm						
-20 dBm		M			M3	
20 0011		III I I			I I I	
-30 dBm						
-40 dBm	1000					
-50 dBm —						
-60 dBm						
00 0011						
-70 dBm			_			
CF 3.57 G	-lz		401 pts			Span 80.0 MH
larker						
Type Re	f Trc	X-value	Y-value	Function	Functio	on Result
M1	2	3.58257 GHz	12.52 dBm			
M2	2	3.55 GHz 3.59 GHz	-22.50 dBm -20.99 dBm			
M3						



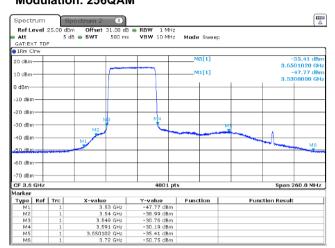
Test specification:	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)					
Test mode:	Compliance	Verdict:	PASS			
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC			
Remarks:						

Plot 7.4.39 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



Spectrum		ctrum 2	×							
Ref Level 20 Att			1.00 dB < 500 ms <	RBW 500 ki VBW 2 M		Sweep				
GAT:EXT TDF	5 45 4		500 115 4	1011 2111	ie moue	Jweep				
2Rm Cirw										
					M1 N	11[2]				12.53 dBm
10 dBm		-								71000 GHz
10 dBm					N	12[2]	1			23.70 dBm
0 dBm		- []							3.5	50000 GHz
o ubin										
-10 dBm										
10 4011							11			
-20 dBm		MP					M			
		· · · · ·						,		
-30 dBm										
								~		
-40 dBm-										
~~~~										
-50 dBm				-		-				
-60 dBm						-				
-70 dBm						-				
CF 3.57 GHz				401	pts	1			Span	80.0 MHz
Marker										
Type   Ref	Trc	X-value	1	Y-value	Euno	tion		Funct	tion Result	
M1	2		1 GHz	12.53 dB						
M2	2		5 GHz	-23.70 dB						
M3	2	3.5	9 GHz	-24.60 dB	m					



Spect		5p 0.00 dBm	Offset 31.00 dB	- PRUL FOOLU-			H A
Att GAT:EX		5 dB	• SWT 500 ms (		Mode Sweep		
2Rm C	irw						
					M1[2]M1		12.53 dBr 3.581770 GH
10 dBm	_				M2[2]		-22.74 dB
							3.550000 GH
0 dBm—	-						
-10 dBm							
10 001							
-20 dBm	-		MP			M3	
			I I I				
-30 dBm	+					+	
-40 dBm						~	
- to don	1						
-50 dBm	-					_	
-60 dBm							
-70 dBm	-						
CF 3.5	7 GHz			401 pts	1		Span 80.0 MHz
Marker							
туре	Ref		X-value	Y-value	Function	Fun	ction Result
M1		2	3.58177 GHz	12.53 dBm -22.74 dBm			
M2 M3		2	3.55 GHz 3.59 GHz	-22.74 dBm -21.36 dBm			

### 40 MHz 3 Modulation: 256QAM



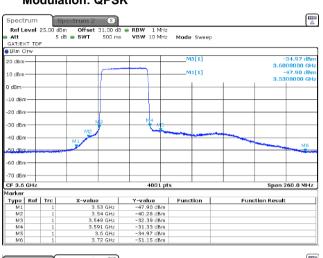
Test specification:	Section 96.41(e), Emission mask				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	FA33		
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC		
Remarks:					

Plot 7.4.40 Emission outside the fundamental test results in 3470 - 3730 GHz range at low carrier frequency

40 MHz

4

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



Spectrum	s	pectrum 2 🕱				
Ref Level 2 Att GAT:EXT TDP	5 d8		BRBW 500 kHz VBW 2 MHz	Mode Sweep		<u> </u>
●2Rm Clrw						
				M1[2]	M1	11.72 dBn 3.585560 GH
10 dBm				M2[2]		-24.70 dBm 3.550000 GHz
0 dBm						
-10 dBm		+ + +				
-20 dBm		Mg			M3	
-30 dBm						
-40 dBm						
-40 ubm	~~~~	~				
-50 dBm						
-60 dBm						
-70 dBm						
CF 3.57 GHz			401 pts			Span 80.0 MHz
Marker						
Type Ref M1	Trc	X-value 3.58556 GHz	Y-value 11.72 dBm	Function	Functio	on Result
M1 M2	2	3.58556 GHZ 3.55 GHz	-24.70 dBm			
M2 M3	2	3.55 GHz 3.59 GHz	-24.70 dBm			
1110		3.39 GHz	20.12 0011			

Spectrum	Spectrum 2 🛛 🔊				
Ref Level 25.00	dBm Offset 31.00 d 5 dB = SWT 500 m		Mode Sweep		
GAT:EXT TDF		5 <b>10</b> 11 101112	Mode Sweep		
1Rm Cirw					
20 dBm			M5[1]		-33.80 c
					3.6000000
10 dBm			M1[1]		-48.77 c 3.5300000
0 dBm					3.3300000
o ubin					
-10 dBm					
-20 dBm					
20 0811	<b>u</b> n	M4			
-30 dBm					
40 dBm	M2				
TO UBIT	ML				M
50.dBm					M
-60 dBm					
-00 ubiii					
-70 dBm					
CF 3.6 GHz		4001 pt	s		Span 260.0 M
1arker					· · ·
Type Ref Trc	X-value	Y-value	Function	Fun	ction Result
M1 1	3.53 GHz	-48.77 dBm			
M2 1 M3 1	3.54 GHz 3.549 GHz	-39.62 dBm -31.34 dBm			
M4 1	3.591 GHz	-31.42 dBm			
M5 1					
	3.6 GHz	-33.80 dBm			
M6 1	3.6 GHz 3.72 GHz	-33.80 dBm -51.54 dBm			
M6 1	3.72 GHz				
M6 1					
M6 1 Spectrum Ref Level 20.00 d	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm			
M6 1 Spectrum Ref Level 20.00 dl Att 5	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	Mode Sweep		
M6 1 Spectrum Ref Level 20.00 dl Att 5 GAT:EXT TDF	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	Mode Sweep		
M6 1 Spectrum Ref Level 20.00 dl Att 5 GAT:EXT TDF	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm			
M6 1 Spectrum Ref Level 20.00 dl Att 5 GAT:EXT TDF	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	Mode Sweep M1[2] _{M1}		12.27 0
M6 1 Spectrum Ref Level 20.00 dl Att 5 GAT:EXT TDF 2Rm Cirw	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm			12.27 c 3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Att         5           GAT:EKT TDF         92Rm Cirw           10 dBm         10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770
M6         1           Spectrum         Ref Level 20.00 d           Att         5           GAT:EKT TDF         92Rm Cirw           10 dBm         10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 dl Att         S           GATERT TDF         2Rm Cirw         10 dBm         0 dBm         0 dBm         10 dBm <td>3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB</td> <td>-51.54 dBm</td> <td>M1[2]_{M1}</td> <td></td> <td>3.581770 -23.32 c</td>	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 dl Att         S           GATERT TDF         2Rm Cirw         10 dBm         0 dBm         0 dBm         10 dBm <td>3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB</td> <td>-51.54 dBm</td> <td>M1[2]_{M1}</td> <td></td> <td>3.581770 -23.32 c</td>	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Gate           Att         5           GATEXT TDF         5           J2Rm Cirw         10           10 dBm         10	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 dl           Att         5           GATEXT TOF         92Rm Cirw           10 dBm         10 dBm           10 dBm         10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 dl           Att         5           GATEKT TDF         SATEKT TDF           BRM Cirw         0           10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 dl           Ref Level 20.00 dl         Att           Saftext Top         Saftext Top           BRM Cirw         10 dbm           10 dbm         20 dbm           30 dbm         30 dbm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Ref Level 20.00 d         Att           SgATEKT TOF         SGATEKT TOF           SPER CITW         0 dBm           10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Ref Level 20.00 d         Att           SaftExT TDF         SaftExT TDF           SRM Cirw         10 dBm           10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Ref Level 20.00 d         Att           SaftExT TDF         SaftExT TDF           SRM Cirw         10 dBm           10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Att         5           GATEKT TDF         20 dm           J0 dBm         -           -10 dBm         -           -20 dBm         -           -30 dBm         -           -60 dBm         -	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Att         5           GATEKT TDF         200 d           20 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Att         5           GATEKT TDF         3CRm Cirw           3CRm Cirw         0           3CRm Cirw	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 d           Att         5           GATEKT TDF         5           pRm Crw         10 dBm           10 dBm	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _{M1}		3.581770 -23.32 c
M6         1           Spectrum         Ref Level 20.00 dl Alt         5           GATEXT TDF         20 m Crw         10           JD dBm         0         20 m	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _[4] M2[2]		3.56170
M6         1           Spectrum         Ref Level 20.00 d           Att         5           GATEKT TOP         20 m           JOBR         0           JOBR         0           JOBR         0           JOBR         0           SO dBm         0           SO dBm         0           JO dBm         0           GBm         0     <	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _[4] M2[2]		3.581770 -23.32 c
M6         1           Spectrum         RefLevel 20.00 display           RefLevel 20.00 display         5           GAT.EXT TDF         22m Crw           22m Crw         20m Crw           10 dBm         0           -10 dBm         -           -20 dBm         -           -30 dBm         -           -60 dBm         -           -60 dBm         -           -70 dBm         -           -70 dBm         -           -70 dBm         -           -70 dBm         -	3.72 GHz Spectrum 2 (3) am Offset 31.00 dB db = 8WI 500 ms	-51.54 dBm	M1[2] _{M2} M2[2]		3.58170 -73.32 3.55000 3.55000
M6         1           Spectrum         Ref Level 20.00 d           Att         5           aArtExT TOF         9           928m Cirw         10 d8m           0 d2m         -10 d8m           -20 d8m         -30 d8m           -40 d8m         -60 d8m           -60 d8m         -60 d8m           -70 d8m         -70 d8m	3.72 GHz Spectrum 2 🛞 8m Offset 31.00 dB	-51.54 dBm	M1[2] _[4] M2[2]		3.56170
M6         1           Spectrum         Ref Level 20.00 d           Att         5           aArtex ToF         5 <td>3.72 GHz Spectrum 2 (2) am Offset 31.00 dB db • SWT 500 ms</td> <td>-51.54 dBm</td> <td>M1[2]_{M2} M2[2]</td> <td></td> <td>3.58170 -73.32 3.55000 3.55000</td>	3.72 GHz Spectrum 2 (2) am Offset 31.00 dB db • SWT 500 ms	-51.54 dBm	M1[2] _{M2} M2[2]		3.58170 -73.32 3.55000 3.55000

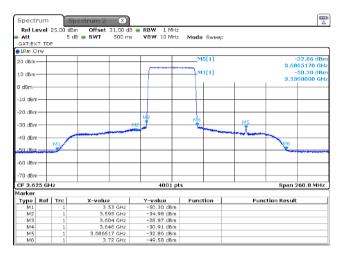


Test specification:	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)					
Test mode:	Compliance	Verdict:	PASS			
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	FA33			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC			
Remarks:						

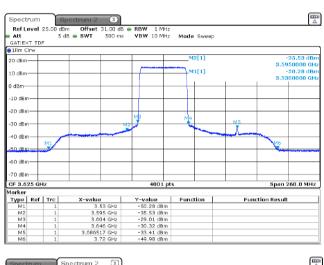
Plot 7.4.41 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK





Spectrum Ref Level		Offset 31.00 dB	BBW 500 kHz					
Att		SWT 500 ms (		Mode Sweep				
GAT: EXT TO	F	-						
●2Rm Clrw								
		111		M1[2]		12.41 dBm		
10 dBm-						3.609640 GHz		
10 0000				M2[2]	1	-21.19 dBm 3.605000 GHz		
0 dBm			-			3.003000 GH2		
-10 dBm			+					
-20 dBm		ME						
-20 dBm					M3			
-30 dBm								
					- L			
-40 dBm	~							
-50 dBm			+					
-60 dBm								
-70 dBm								
/ 0 00111								
CF 3.625 G	u.,		401 pts			Span 80.0 MHz		
Marker			401 pts			5pan 00.0 MHz		
	Trc	X-value	Y-value	Function	Fun	ction Result		
M1	2	3.60964 GHz	12.41 dBm					
M2	2	3.605 GHz	-21.19 dBm					
M3	2	3.645 GHz	-24.80 dBm					



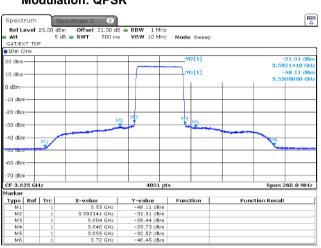
●2Rm Cirw						
			M1	M1[2]		11.84 dB 3.623800 GH
10 dBm				M2[2]		-21.18 dB 3.605000 GF
0 dBm						
-10 dBm					+ + +	
-20 dBm		M			- нз	
-30 dBm					+	
-40-d8m^	~~~~~					
-50 dBm						
-60 dBm						
-70 dBm						
CF 3.625 GF	z		401 p	ts		Span 80.0 MH
Marker Type   Ref	Trc	X-value	Y-value	Function	Functio	on Result
M1	2	3.6238 GHz	11.84 dBm	1		
	2	3.605 GHz	-21.18 dBm			
M2 M3	2	3.645 GHz	-22.27 dBm			



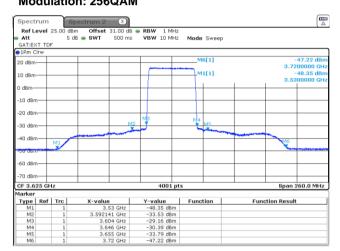
Test specification:	Section 96.41(e), Emission mask				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	FA33		
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC		
Remarks:					

Plot 7.4.42 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



40 MHz 2



Spectrur	n Sp	pectrum 2 🛛 🗵				
Ref Level Att GAT:EXT T			<ul> <li>RBW 500 kHz</li> <li>VBW 2 MHz</li> </ul>	Mode Sweep		
2Rm Cirw						
		N11		M3[2]		-23.93 dBm
10 dBm						3.645000 GHz
10 00111				M1[2]	1	13.37 dBm 3.609440 GHz
0 d8m						3.009440 GHZ
-10 dBm					+ $+$ $+$	
		Me				
-20 dBm —					M3	
					<b>†</b>	
30 dBm					$\rightarrow$	
~~~~					· · · · ·	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
40 dBm						
-50 dBm —						
-60 dBm						
-70 dBm						
CF 3.625 (GHz		401 pts			Span 80.0 MHz
1arker						
Type Re	f Trc	X-value	Y-value	Function	Functi	on Result
M1	2	3.60944 GHz	13.37 dBm			
M2	2	3.605 GHz	-20.23 dBm			
M3	2	3.645 GHz	-23.93 dBm			

M1	 M1[2]		
	M2[2]		3.610240 GH -20.38 dBr 3.605000 GH
MR		- Ma	



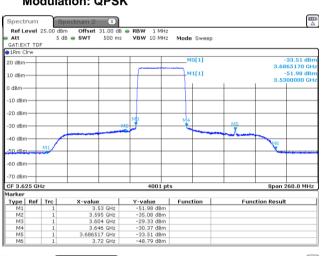
Test specification:	Section 96.41(e), Emission	n mask	
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

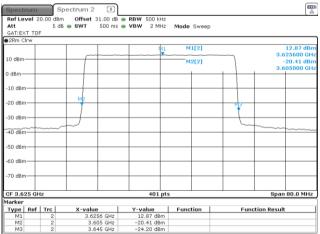
Plot 7.4.43 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

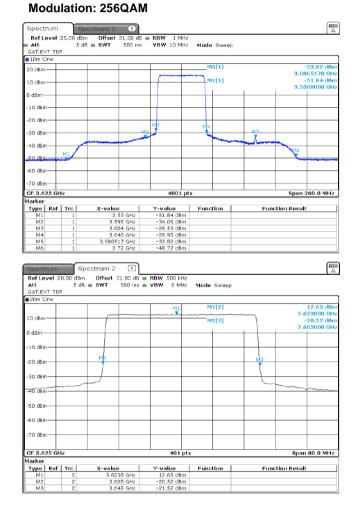
40 MHz

3

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK









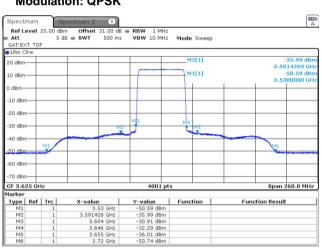
Test specification:	Section 96.41(e), Emission	n mask	
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

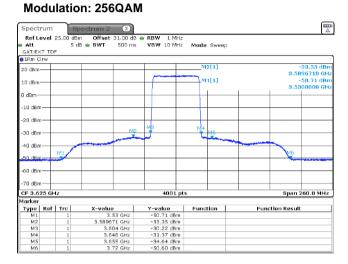
Plot 7.4.44 Emission outside the fundamental test results in 3495 - 3755 GHz range at mid carrier frequency

40 MHz

4

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK





GAT:EXT TDF							GAT:E	XT TD	-				
●2Rm Cirw							●2Rm (Cirw			 		
			M1[2] M	1	11.69 3.63797	9 dBm					M1	M1[2]
10 dBm			M2[2]	<u> </u>	-21.68		10 dBn	η <u> </u>			 	M2	21
					3.60500	0 GHz							1
0 dBm							0 dBm-				 		-
-10 dBm							-10 dB	m —					
				1 1									
-20 dBm	¥			мз			-20 dB	m —		- MP	 		_
				Ť									
-30 dBm				1			-30 dB	m-+-					_
-40 dBm				~			-40 dB	~~ <u>+</u>	~~~~~				
-50 dBm							-50 dB	m —			 		-
-60 dBm							-60 dB						
-60 dBm							-60 081	n — [_
-70 dBm							-70 dB	m —		_	 		
CF 3.625 GHz		401 pts			Span 80.0	MHz	CF 3.6	25 GF	z		 401 p	ts	
Marker							Marker						_
Type Ref Tr		Y-value	Function	Fu	nction Result		Туре	Ref		X-value	-value	Function	'n
M1 M2	2 3.63797 GHz 2 3.605 GHz	11.69 dBm -21.68 dBm					M1 M2		2	3.6238	12.09 dBm -21.05 dBm		_
M2 M3	2 3.605 GHz 2 3.645 GHz	-21.68 dBm -25.44 dBm					M2 M3		2	3.605	-21.05 dBm -22.30 dBm		

							 _		623800 GHz
n —						M2[2]			-21.05 dBm 605000 GHz
m•			M2						
m-			Ĭ				Ĭ		
 m-	_	···	-				L	~	
m-									
m-	_								
m-	+								
i2	5 GH	z			401 pt	s		Spar	1 80.0 MHz
	Pof	Trc	X-value		Y-value	Function	Euro	tion Resul	
┝	cei .	2		38 GHz	12.09 dBm	Function	 Fun	.con Resu	
t		2		05 GHz	-21.05 dBm				
t		2		45 GHz	-22.30 dBm				

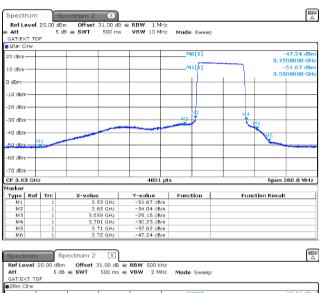
12.09 dBm



Test specification:	Section 96.41(e), Emissior	n mask	
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict:	PASS
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

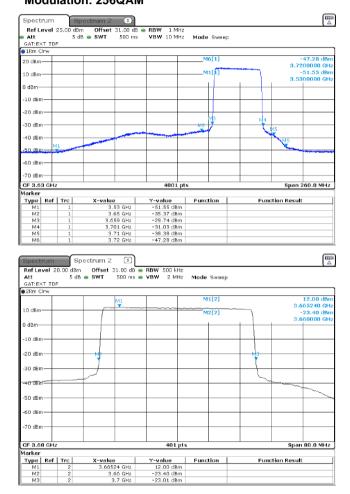
Plot 7.4.45 Emission outside the fundamental test results in 3500 - 3760 GHz range at high carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



ezem u							
			11		M1[2]		12.21 dBn 3.664640 GH
10 dBm-					M2[2]		-21.87 dBm
					m2[2]	1	3.660000 GHz
0 dBm—	+						
-10 dBm	-			_			
-20 dBm	-					M3	
-30 dBm	-						
-40 dBm							
-50 dBm	-						
-60 dBm	+						
-70 dBm	+						
CF 3.68	3 GHz			401 pts	;		Span 80.0 MHz
Marker							
	Ref	Trc	X-value	Y-value	Function	Functio	n Result
M1		2	3.66464 GHz	12.21 dBm			
M2		2	3.66 GHz	-21.87 dBm			
M3		2	3.7 GHz	-23.99 dBm			

40 MHz





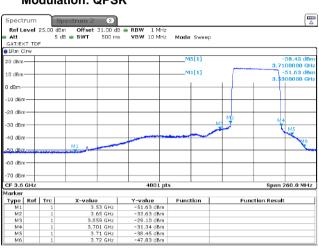
Test specification:	Section 96.41(e), Emissio	n mask	
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC
Remarks:			

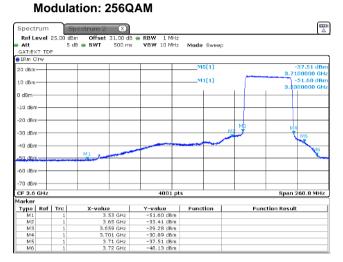
Plot 7.4.46 Emission outside the fundamental test results in 3470 - 3730 GHz range at high carrier frequency

40 MHz

2

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK





Marker Type Ref		value 3.66472 GHz	Y-value 12.41 dB	Functi	on	Fur	iction Resi	ilt 🔤	Type Ref	Trc 2	X-value 3.66524 GHz	Y-value 11.91 dBm	Function	Fun	nction Resul	t
CF 3.68 GH	z		691	pts			Spa	in 80.0 MHz	CF 3.68 GHz Marker			401 pt	s		Spar	80
-70 dBm									-70 dBm							+
-60 dBm									-00 abii							
-50 dBm									-60 dBm							
North Colorest									-50 dBm					_		⊢
-40 dBm						5			-+U UBIII							5
-30 dBm						+					+				+	
-20 dBm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ř				M3			-30 dBm					+		+
									-20 dBm		M∰.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
-10 dBm						+										
0 dBm						+	+	direction direction	-10 dBm			_		-++		+
10 dBm		1		M2	1]		3	-23.54 dBm .660000 GHz	0 dBm							t
10.10		M1 T					3	.664720 GHz					(us[s]	.]	3.	i60
●1Rm Clrw		1	-	M1	11			12.41 dBm	10 dBm				M2[2]		3.	565 -23
GAT: EXT TD		WI 300 ms	• 10H 2.	inc moue	Sweep						M1		M1[2]			11
Ref Level Att		ffset 31.00 dB WT 500 ms							2Rm Cirw	-						
Spectrum									Att GAT:EXT TDE		🖷 SWT 500 ms	VBW 2 MHz	Mode Sweep			
								<u> </u>	Ref Level 2	0.00 dBm	Offset 31.00 dB	 RBW 500 kHz 				-
									Spectrum		pectrum 2 🛛 🖾					

11.91 dBn 3.665240 GH: -23.44 dBn 3.660000 GH:

Span 80.0 MHz



Test specification:	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)					
Test mode:	Compliance	Verdict:	PASS			
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC			
Remarks:						

Plot 7.4.47 Emission outside the fundamental test results in 3500 - 3760 GHz range at high carrier frequency

Span 80.0 MHz

Function Result

40 MHz

3

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK

30 dBm

40 dBm

-S0 dBm

-60 dBm-

-70 dBm

CF 3.68 GH:

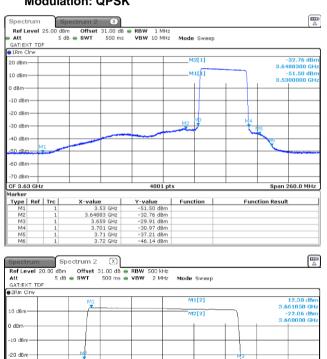
 Marker

 Type
 Ref
 Trc

 M1
 2

 M2
 2

 M3
 2



401 pts

Function

Y-value 12.30 dBm -22.06 dBm -24.07 dBm

X-value 3.66185 GHz 3.66 GHz 3.7 GHz

1

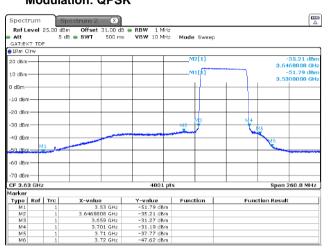




Test specification:	Section 96.41(e), Emission mask					
Test procedure:	Section 96.41(e)(3)					
Test mode:	Compliance	Verdict:	PASS			
Date(s):	25-Aug-21 – 24-Nov-21	verdict.	PASS			
Temperature: 24.2 °C	Relative Humidity: 49 %	Air Pressure: 1010 hPa	Power: 48 VAC			
Remarks:						

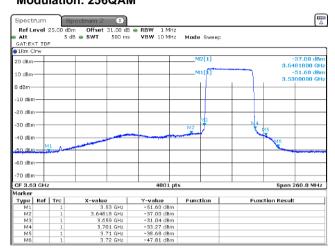
Plot 7.4.48 Emission outside the fundamental test results in 3500 - 3760 GHz range at high carrier frequency

CHANNEL SPACING: ANTENNA CHAIN: Modulation: QPSK



Spectrum	Spectrum 2 🛛				
Ref Level 20.00		 RBW 500 kHz 			
	5 dB 👄 SWT — 500 ms	VBW 2 MHz	Mode Sweep		
GAT:EXT TDF					
●2Rm Cirw					
	ML		M1[2]		11.61 dBm 3.663840 GHz
10 dBm			M2[2]		-22.55 dBm
			MS[S]	1	-22.55 UBM 3.660000 GHz
0 dBm					3.00000 GHz
-10 dBm					
				1 1	
-20 dBm	M2			M3	
	†			M ³	
-30 dBm					
00 0011					
-40'0Bm	~~~			~	
-50 dBm					
50 ubm					
-60 dBm					
-oo abiii					
-70 dBm					
-5 0 GDIII					
CF 3.68 GHz		401 pts			Span 80.0 MHz
Marker					
Type Ref Trc		Y-value	Function	Fun	ction Result
M1 2		11.61 dBm			
M2 2		-22.55 dBm			
M3 2	3.7 GHz	-24.46 dBm			

40 MHz 4



€2Rm C							
			MI		M1[2]		11.58 dBr
10 dBm							3.665240 GH
10 0011					M2[2]		-23.65 dBr 3.660000 GH
0 dBm-							3.00000 GI
-10 dBm	-						
-20 dBm			Me			- M3	
						1 1	
-30 dBm							
40.dBn						- <u>~</u>	
-50 dBm							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-50 081							
-60 dBn	-						
-70 dBm							
CF 3.6	3 GHz			401 p	ts		Span 80.0 MHz
Marker							
туре	Ref		X-value	Y-value	Function	Func	tion Result
M1 M2		2	3.66524 GHz 3.66 GHz	11.58 dBm -23.65 dBm			
M3		2	3.7 GHz	-23.37 dBm			



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:	PA33		
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

7.5 Radiated spurious emission measurements

7.5.1 General

This test was performed to measure radiated spurious emissions from the EUT. Specification test limits are given in Table 7.5.1.

Table 7.5.1 Radiated spurious emission t	est limits
--	------------

Frequency, MHz	EIRP of spurious, dBm	Equivalent field strength limit @ 3m, dB(μV/m)***
0.09 - below 3530.0	-40.0	55.2
3720.0 – 10th harmonic*	-40.0	55.2

*** - Equivalent field strength limit was calculated from maximum allowed ERP of spurious as follows: E=sqrt(30xPx1.64)/r, where P is ERP in Watts, 1.64 is numeric gain of ideal dipole and r is antenna to EUT distance in meters

7.5.2 Test procedure for spurious emission field strength measurements in 9 kHz to 30 MHz band

- 7.5.2.1 The EUT was set up as shown in Figure 7.5.1, energized and the performance check was conducted.
- **7.5.2.2** The specified frequency range was investigated with antenna connected to spectrum analyzer. To find maximum radiation the turntable was rotated 360⁰ and the measuring antenna was rotated around its vertical axis.
- 7.5.2.3 The worst test results (the lowest margins) were recorded in Table 7.5.2 and shown in the associated plots.

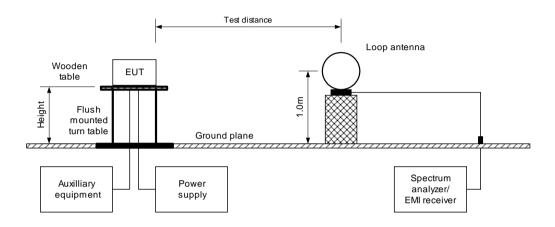
7.5.3 Test procedure for spurious emission field strength measurements above 30 MHz

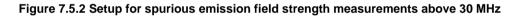
- **7.5.3.1** The EUT was set up as shown in Figure 7.5.2, energized and the performance check was conducted.
- **7.5.3.2** The specified frequency range was investigated with antenna connected to spectrum analyzer. To find maximum radiation the turntable was rotated 360^o and the measuring antenna height was swept from 1 to 4 m in both, vertical and horizontal, polarizations.
- 7.5.3.3 The worst test results (the lowest margins) were recorded in Table 7.5.2 and shown in the associated plots.

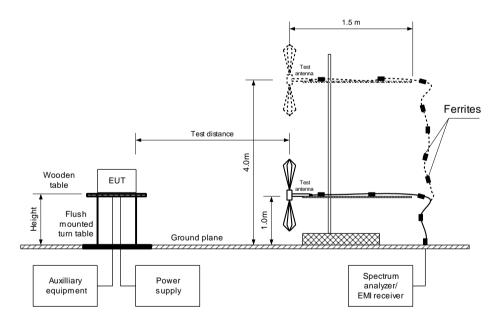


Test specification:	ion: Section 96.41(e)(2), Radiated spurious emissions						
Test procedure:	Section 96.41(e)(3)						
Test mode:	Compliance	Vardiate	PASS				
Date(s):	25-Aug-21	Verdict:	PASS				
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC				
Remarks:	· · · ·						

Figure 7.5.1 Setup for spurious emission field strength measurements in 9 kHz to 30 MHz band









Test specification:	est 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:	-						

Table 7.5.2 Spurious emission field strength test results

ASSIGNED FREQUENCY RANGE: TEST DISTANCE: TEST SITE: INVESTIGATED FREQUENCY RANGE: DETECTOR USED: VIDEO BANDWIDTH: TEST ANTENNA TYPE:

MODULATION: OCCUPIED BANDWIDTH TRANSMITTER OUTPUT POWER SETTINGS: 3550 - 3700 MHz 3 m Semi anechoic chamber 0.009 – 1000 MHz Peak > Resolution bandwidth Active loop (9 kHz – 30 MHz) Biconilog (30 MHz – 1000 MHz) 256 QAM 40 MHz (Output power and PSD Worst case) Maximum

Frequency, MHz	Field strength, dB(μV/m)	Limit, dB(µV/m)	Margin, dB*	RBW, kHz	Antenna polarization	Antenna height, m	Turn-table position**, degrees
320	43.1	55.20	-12.1	100	Horizontal	1.0	45
360	51.9	55.20	-3.3	100	Horizontal	1.0	37
400	45.8	55.20	-9.4	100	Vertical	1.0	180
500	53.2	55.20	-2.0	100	Vertical	1.0	178

*- Margin = Field strength of spurious – calculated field strength limit.

**- EUT front panel refers to 0 degrees position of turntable.



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:						

Table 7.5.3 Field strength of spurious emissions above 1 GHz within restricted bands

ASSIGNED FREQUENCY RANGE:3550 - 3700 MHzTEST DISTANCE:3 mTEST SITE:Semi anechoic chamberDETECTOR USED:PeakVIDEO BANDWIDTH:> Resolution bandwidthTEST ANTENNA TYPE:Double ridged guide (above 1000 MHz)MODULATION:256 QAMOCCUPIED BANDWIDTH40 MHz (Output power and PSD Worst case)TRANSMITTER OUTPUT POWER SETTINGS:Maximum										
_	Anten	na		Peak field s	Peak field strength(VBW=3 MHz) Average field strength(VBW=10 Hz)		10 Hz)			
Frequency, MHz	Polarization	Height, m	Azimuth, degrees*	Measured, dB(μV/m)	Limit, dB(µV/m)	Margin, dB**	Measured, dB(μV/m)	Limit, dB(μV/m)	Margin, dB***	Verdict
Low carrier	Low carrier frequency									
1029.5	Vertical	1.0	46	41.6	75.2	-33.6	41.6	55.2	-13.6	Pass
Mid carrier frequency										
			45		75.0	05.4	20.0	55.0	-15.4	Pass
1069.7	Vertical	1.0	45	39.8	75.2	-35.4	39.8	55.2	-15.4	1 400
1069.7 High carrier		1.0	45	39.8	75.2	-35.4	39.8	55.2	-15.4	1 000
		1.0 1.0	45 53	39.8 41.5	75.2	-35.4	41.5	55.2	-13.7	Pass

Reference numbers of test equipment used

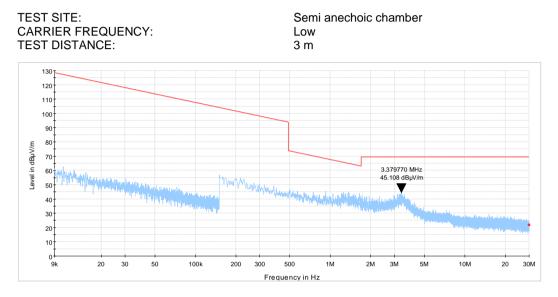
Γ	HL 5902	HL 0446	HL 4372	HL 0661	HL 3903	HL 4280	HL 4360	HL 4933
	HL 4956	HL 5112	HL 5288					

Full description is given in Appendix A.

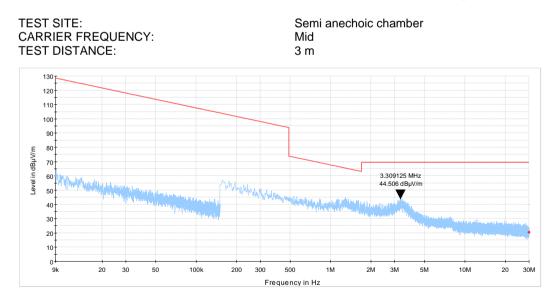


Test specification:	Section 96.41(e)(2), Radia	ated spurious emissions	
Test procedure:	Section 96.41(e)(3)		
Test mode:	Compliance	Verdict:	PASS
Date(s):	25-Aug-21	verdict.	PASS
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC
Remarks:			



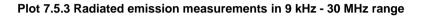


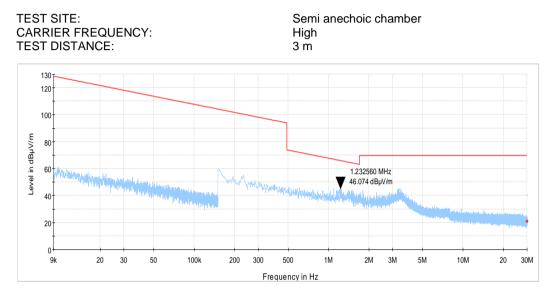
Plot 7.5.2 Radiated emission measurements in 9 kHz - 30 MHz range





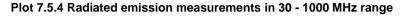
Test specification:	on: Section 96.41(e)(2), Radiated spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21	verdict.	PASS		
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					

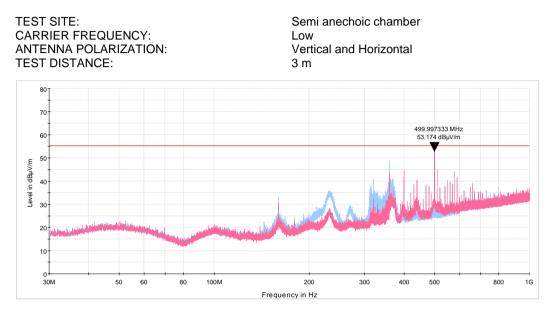






Test specification:	on: Section 96.41(e)(2), Radiated spurious emissions				
Test procedure:	Section 96.41(e)(3)				
Test mode:	Compliance	Verdict:	PASS		
Date(s):	25-Aug-21	verdict.	PASS		
Temperature: 24 °C	Relative Humidity: 52 %	Air Pressure: 1011 hPa	Power: 48 VAC		
Remarks:					





Plot 7.5.5 Radiated emission measurements in 30 - 1000 MHz range

