

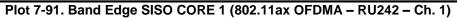
 FCC ID: BCGA2069
 PCTEST
 MEASUREMENT REPORT (CERTIFICATION)
 Approved by: Quality Manager

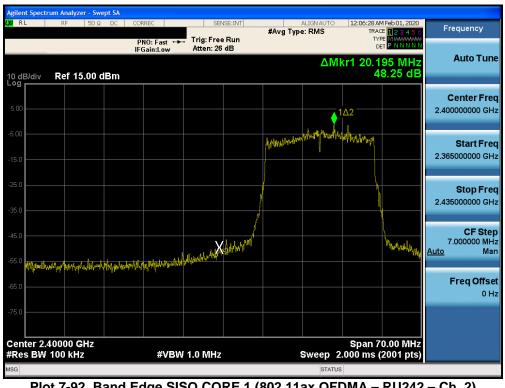
 Test Report S/N: 1C1912170054-07.BCG
 Test Dates: 12/10/2019 - 02/24/2020
 EUT Type: Tablet Device
 Page 75 of 136

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 V 9.5 12/16/2019
 V 9.5 12/16/2019



RL RF 50 Ω DC	CORREC	SENSE:INT	ALIGN AUTO	12:03:48 AM Feb 01, 2020	-
		#A Free Run : 26 dB	vg Type: RMS	TRACE 123456 TYPE M WWWWW DET P N N N N N	Frequency
dB/div Ref 15.00 dBn	1		ΔMI	r1 10.990 MHz 43.36 dB	Auto Tun
.00			1 Δ2		Center Fre 2.400000000 G⊦
5.0		provide Alter and Prat	enter for the state of the stat	h	Start Fre 2.365000000 GH
5.0					Stop Fre 2.435000000 GH
5.0	nthintured types in the set of the	X2		Muniperiod and the second states of the second seco	CF Ste 7.000000 MH <u>Auto</u> Ma
5.0					Freq Offs 0 H
enter 2.40000 GHz Res BW 100 kHz	#VBW 1.0 M			Span 70.00 MHz 000 ms (2001 pts)	





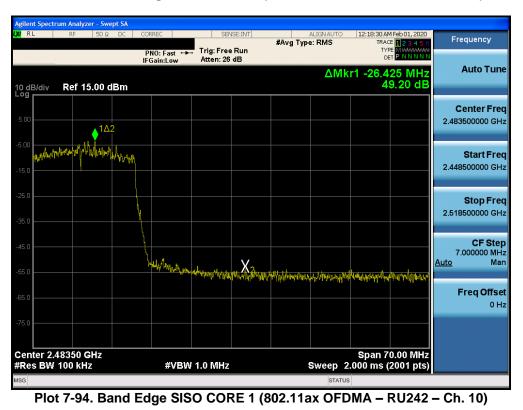
Plot 7-92. Band Edge SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 2)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 76 of 106
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 76 of 136
© 2020 PCTEST		· · · · · · · · · · · · · · · · · · ·	V 9.5 12/16/2019



RL	rum Analyzer - S RF 50		RREC	SEM	JSE:INT		ALIGN AUTO	12:15:42 A	M Feb 01, 2020	_
			NO: Fast 🔸	Trig: Free Atten: 26		#Avg Typ	e: RMS	TY	CE 123456 PE MWWWW F P N N N N N	Frequency
0 dB/div	Ref 15.00	dBm					ΔMI	(r1 -36.5 5	05 MHz 1.47 dB	Auto Tun
5.00	Δ2									Center Fre 2.483500000 GH
5.00 ///// 15.0	Malpholyn (m. lass and									Start Fre 2.448500000 GH
35.0										Stop Fre 2.518500000 G⊦
45.0 55.0		hour has	with when a fear	the one with the second	rturn Xitz	thatant	horn har helm	NJ with the second	M-LUNIALMANN	CF Ste 7.000000 MH <u>Auto</u> Ma
65.0						Success 1.1.	a de la consecta de l			Freq Offs 0 H
75.0										
	48350 GHz 100 kHz		#VBW	/ 1.0 MHz			Sweep 2		0.00 MHz 2001 pts)	
SG							STATU			

Plot 7-93. Band Edge SISO CORE 1 (802.11ax OFDMA – RU242 – Ch. 9)

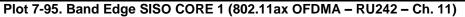


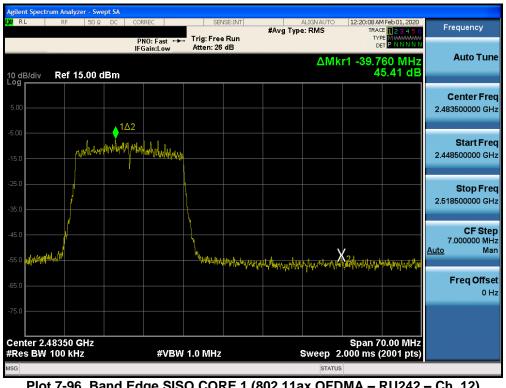
Approved by:

FCC ID: BCGA2069		(CERTIFICATION)	Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 77 of 136
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Fage 77 01 150
© 2020 PCTEST			V 9.5 12/16/2019



agnent spect	trum Analyzer - RF 5	Swept SA	CORRE	c l	SEN	JSE:INT		ALIGN AUTO	12:12:40.4	M Feb 01, 2020	
U KL	KF J	US2 DC	PNO	:Fast ↔► in:Low		Run	#Avg Typ		TRA	CE 123456 PE MWWWWW FT PNNNNN	Frequency
0 dB/div	Ref 15.0	0 dBm						ΔM	kr1 -32.5 4	85 MHz 8.57 dB	Auto Tun
5.00		_1∆2									Center Fre 2.483500000 G⊦
15.0	horientelle providenteller	dom/Hilling	whith an	4							Start Fre 2.448500000 G⊦
35.0											Stop Fre 2.518500000 G⊦
45.0 45.0 55.0 4				N _{ripite}	-hullow-hitstor	Mantha anti	Windha Angala	As A Maltrates	Assantana Translantin	นส์ แสงสาวงช่าง	CF Ste 7.000000 MH <u>Auto</u> Ma
65.0						1 - - - - - - - - -	N Nobil Manual.	արդեր որու հեր հերու հերու հերու հերուներին հերուներին հերուներին հերուներին հերուներին հերուներին հերուներին հ	a in second and a fight of	ennddil, e ver h s	Freq Offs 0 ⊦
75.0											
	.48350 GHz 100 kHz	2		#VBW	1.0 MHz			Sweep	Span 7 2.000 ms	'0.00 MHz (2001 pts)	
SG								STAT	US		





Plot 7-96. Band Edge SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 12)

FCC ID: BCGA2069	<u><i>CPCTEST</i></u>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dara 70 of 400	
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 78 of 136	
© 2020 PCTEST	and the second second		V 9.5 12/16/2019	



7.6 Conducted Spurious Emissions §15.247(d); RSS-247 [5.5]

Test Overview and Limit

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates, RU configurations, and RU indices were investigated to determine the worst case configuration. For the following out of band conducted emissions plots, the EUT was set to a data rate of MCS0 in 802.11ax mode as this setting produced the worst-case emissions.

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth per the procedure in Section 11.1 of ANSI C63.10-2013 and KDB 558074 D01 v05r01.

Test Procedure Used

ANSI C63.10-2013 – Section 11.11.3 KDB 558074 D01 v05 – Section 8.5 ANSI C63.10-2013 – Section 14.3.3 KDB 662911 D01 v02r01 – Section E)3)b)

Test Settings

- 1. Start frequency was set to 30MHz and stop frequency was set to 25GHz (separated into two plots per channel)
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = Peak
- 5. Trace mode = max hold
- 6. Sweep time = auto couple
- 7. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 70 of 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 79 of 136
© 2020 PCTEST	·	•	V 9.5 12/16/2019



- 1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.
- The display line shown in the following plots denotes the limit at 20dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz RBW, the display line may not necessarily appear to be 20dB below the level of the fundamental in a 1MHz bandwidth.
- 3. For plots showing conducted spurious emissions near the limit, the frequencies were investigated with a reduced RBW to ensure that no emissions were present.
- 4. The conducted spurious emissions were measured to relative limits. Therefore, in accordance with ANSI C63.10-2013 and KDB 662911 D01 v02r01 Section E)3)b), it was unnecessary to show compliance through the summation of test results of the individual outputs.
- 5. All antenna configurations were investigated and only the worst case is reported.
- 6. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's were reported.

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dage 80 of 120	
Test Report S/N: 1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 80 of 136	
© 2020 PCTEST			V 9.5 12/16/2019	



SISO Core 0 Conducted Spurious Emission



Plot 7-97. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 1)



Plot 7-98. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 1)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 04 of 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 81 of 136
© 2020 PCTEST	•		V 9.5 12/16/2019



		trum Analyz			1					1			
X/ R	L	RF	50 Ω	AC	CORF	REC		#Avg Typ Avg Hold		TRAC	M Feb 25, 2020 DE 1 2 3 4 5 6 PE M WWWWW	Frequ	iency
10 dl	B/div	Ref 30	.00 dl	Bm		ain:Low	Atten: 40			Di (r1 5.96	7 8 GHz 31 dBm	AL	ito Tun
20.0												Cen 5.01500	i ter Fre 0000 G⊦
													tart Fre
								1			DL1 -9.90 dBm	Si 10.00000	t op Fre 0000 G⊦
30.0 40.0	aka daana				gan (Property (Property) Program (Property) Program (Property)					en Hindertek og strödig.	ala ka kasikata kata ka		CF Ste 0000 MI Ma
												Fre	e q Offs 0 I
50.0	1 30 M									Stop 40		Sc: Log	ale Typ
		HZ I.0 MHZ	4			#VB	N 3.0 MHz	s	weep 18	stop 10 3.00 ms (3	.000 GHz 0001 pts)		-
SG									STATU	5			

Plot 7-99. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 6)



Plot 7-100. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 6)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 00 at 100
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 82 of 136
© 2020 PCTEST	· · ·		V 9.5 12/16/2019



RL	R	Analyzer - Sv		COF	RREC	SE	NSE:INT			11:44:35	5 AM Feb 25, 2020	_	
						Trig: Fre	Bun	#Avg Typ	e:RMS :>100/100	TF	RACE 1 2 3 4 5 6	Frec	uency
				PI IF(NO:Fast ⊂ Gain:Low	Atten: 40		Avginoid	.~100/100				
									N	lkr1 5.9	77 4 GHz	A	uto Tun
0 dB/di	iv Re	f 30.00	dBm							-24.	072 dBm		
° ^g Г							Y						
												Ce	nter Fre
20.0												5.0150	00000 GI
10.0													
													Start Fre
0.00												30.0	00000 MI
10.0											DL1 -11.55 dDm		Stop Fr
													00000 GI
20.0								<u> </u>				10.0000	00000 01
				an ay hara	ب باما		يعامر بيداد		ا منام				
30.0	and the state of	-	A State of the			and the second second	Care and the second	all second second second			in La vis altraite	007.0	CF Ste 00000 M
с Ц _и , с		and the second	1									Auto	M 00000 M
\$0.0												<u>riare</u>	
												_	
50.0												Fr	eq Offs
													0
50.0													
												S	cale Ty
	0 MHz									Stop '	0.000 9112	Log	Ĺ
Res	3W 1.0	MHz			#VB	W 3.0 MHz		2	weep	8.00 ms	(30001 pts)		
SG									STAT	US			

Plot 7-101. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 11)



Plot 7-102. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 11)

FCC ID: BCGA2069	<u><u>PCTEST</u></u>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dawa 00 at 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 83 of 136
© 2020 PCTEST		· · · · · · · · · · · · · · · · · · ·	V 9.5 12/16/2019



	RF 50 Ω	P IF	IRREC		#Avg Typ Avg Hold:	:>100/100	TRAI TY D (r1 5.96	MFeb 25, 2020 CE 1 2 34 5 6 PE MWWWW ET PNNNNN 1 8 GHz 74 dBm	Cen	ito Tuni
20.0	tef 30.00 d	Bm				MI	(r1 5.96 -24.2	1 8 GHz 74 dBm	Cen	iter Fre
20.0										
									5.01500	0000 GH
5.00										art Fre
20.0					1			DL1 -17.46 dBm	Si 10.00000	t op Fre 0000 Gi
		a <mark>Unite</mark>							997.00 <u>Auto</u>	CF Ste DOOD MI Mi
0.0									Fre	q Offs 0
60.0 start 30 MHz							Stop 10	0.000 GHz	Sc: Log	ale Typ
Res BW 1.0			#VBW	3.0 MHz	9	weep 18	3.00 ms (3	30001 pts)		

Plot 7-103. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU242 - Ch. 1)



Plot 7-104. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU242 - Ch. 1)

FCC ID: BCGA2069	<u><u><u></u><u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 04 af 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 84 of 136
© 2020 PCTEST			V 9.5 12/16/2019



	ectrum Analyzer - S										d 🗾
XI RL	RF 50	Ω AC	CORREC		NSE:INT	#Avg Typ		TRA	AM Feb 25, 2020 CE 1 2 3 4 5 6	Freque	ency
			PNO: Fast IFGain:Lov			Avg Hold	:>100/100	רד נ			
			II Gain.Eou				M	kr1 5 95	4 2 GHz	Aut	o Tun
10 dB/div	Ref 30.00	dBm						-24.0	18 dBm		
- ^{og}					Ť						-
20.0											er Fre
20.0										5.015000	000 GH
10.0											
										Sta	artFre
0.00										30.000	000 MI
10.0										Sto	op Fre
									DL1 -16.93 dBm	10.000000	
20.0					+	1					
			al al la state de la sere	u	Lastin a free and	antala canatala da	Lolud Hayond	وأحترج والعارل القاطعة	والمترابية المحمد بالمراب		CF Ste
30.0					Contraction of the local division of the loc	Transferre Barrow Ba				997.000	000 M
40.0	Live Contraction									<u>Auto</u>	M
40.0											
50.0										Free	Offs
											01
60.0											
										Sca	Іе Тур
Nort 20 P	<u>au</u>							Oton 1		Log	L
Start 30 N ≇Res BW			#V	/BW 3.0 MHz		s	weep 1	Stop 10 8.00 ms (0.000 GHz 30001 pts)	-	-
sg									, , , , , , , , , , , , , , , , , , , ,		

Plot 7-105. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU242 - Ch. 6)



Plot 7-106. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU242 - Ch. 6)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dana 05 at 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 85 of 136
© 2020 PCTEST			V 9.5 12/16/2019



	ysight Spec		•												
l <mark>xi</mark> R	L	RF	50 Ω	AC	CO	RREC		SEI	NSE:INT	#Avg Typ	e: RMS		43 AM Feb 25, 2020 TRACE 1 2 3 4 5 6	Frequenc	;y
10 di	3/div	Ref :	30.00 d	dBm	IF	NO: Fas Gain:Lo	st 😱	Trig: Free Atten: 40		Avg Hold		/kr1 5.	879 1 GHz	Auto ⁻	Tune
Log 20.0														Center 5.015000000	
10.0 0.00														Start 30.000000	
-10.0 -20.0										1			DL1 -18,12 dBm	Stop 10.000000000	
-30.0														CF 997.000000 <u>Auto</u>	Step 0 MHz Mar
-50.0														Freq O	Offsel 0 Hz
-60.0 Star	t 30 M	H7										Stop	10.000 GHz	Scale	Type Lin
	s BW 1		Ιz			#	VBW	3.0 MHz		s	weep	18.00 m	s (30001 pts)		
MSG											STA	TUS			

Plot 7-107. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA - RU242 - Ch. 11)

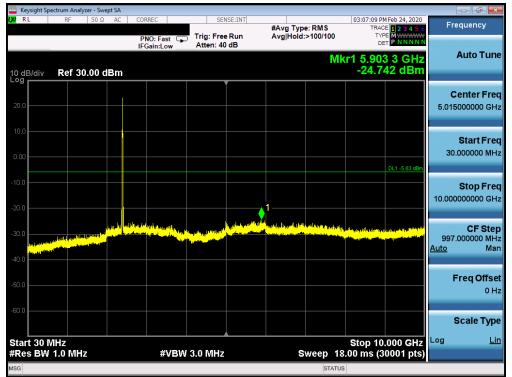


Plot 7-108. Conducted Spurious Plot SISO CORE 0 (802.11ax OFDMA – RU242 – Ch. 11)

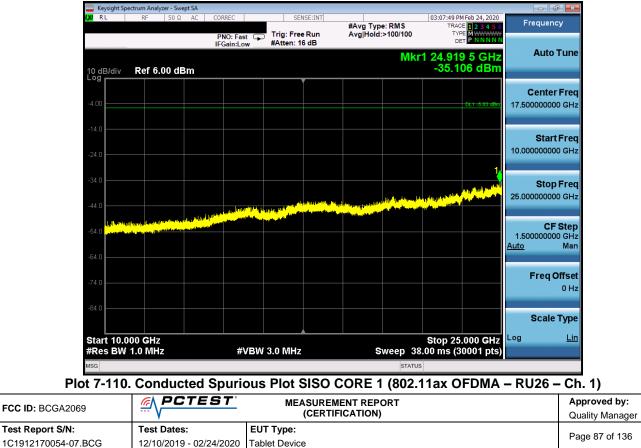
FCC ID: BCGA2069	<u><u><u></u><u>PCTEST</u></u></u>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 00 of 120
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 86 of 136
© 2020 PCTEST			V 9.5 12/16/2019



SISO Core 1 Conducted Spurious Emissions



Plot 7-109. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 1)



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V 9.5 12/16/2019



RL	sight Spectre	RF	50 Ω	AC	CORR	EC	SE	NSE:INT				M Feb 24, 2020	
					PN	D:Fast G	Trig: Fre	e Run	#Avg Typ Avg Hold:		TΥ	CE 1 2 3 4 5 6 PE M WWWW	Frequency
					IFGa	ain:Low	Atten: 4		0.			ET P NNNNN	Auto Tur
0 dB	/div	Ref 30	.00 dl	Bm						Mk	r1 5.93 -24.2	0 2 GHz 51 dBm	AutoTur
° ^g [Ť					Conton En
20.0													Center Fre 5.015000000 GH
10.0				_									Oto at East
													Start Fre 30.000000 MH
0.00												DL1 -5.86 dBm	00.000000
10.0													Stop Fre
													10.00000000 GH
20.0									1				
30.0				i and	ale aprile ante aprile	allough ast the	فليمسادر مرار فقابا			de Holles al der	ووالي وأفر وأفرا	أرز المتحليل وحادرته والعرب	CF Ste
10.0 F							N ana and Andrews				and the second sec		997.000000 MI Auto Mi
\$0.0 	Contraction of the local data												Adto
													Freq Offs
50.0													01
50.0													
0.0													Scale Typ
	30 MH	-									Stop 11		Log <u>L</u>
	BW 1.		4			#VBV	V 3.0 MHz		s	weep <u>18</u>	3.00 ms ().000 GHz 30001 pts)	
SG										STATUS			

Plot 7-111. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 6)



Plot 7-112. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 6)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 00 of 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 88 of 136
© 2020 PCTEST	· · ·		V 9.5 12/16/2019



		Analyzer - Sv											
X/RL	RF	50 S	2 AC	COR	REC		NSE:INT	#Avg Typ		TRA	M Feb 24, 2020 CE 1 2 3 4 5 6	Frequ	iency
					IO: Fast 🕞 ain:Low	Trig: Free Atten: 40		Avg Hold	:>100/100				
									Μ	kr1 5.99	9 7 GHz	Αι	ito Tun
10 dB/div Log	Re	f 30.00	dBm							-24.3	379 dBm		
							Í					Cen	iter Fre
20.0												5.01500	
10.0												St	artFre
0.00												30.00	0000 MH
											DL1 -5.70 dBm		
-10.0												St	top Fre
								1				10.00000	0000 GH
-20.0								• '					
-30.0			, data di			المعطان ويتعلى الع		<u>المحطولة المحطومة ا</u>	lfheir er der e	al ha attents	an an Alberta de J		CF Ste
		and the second				h h a shi h						Auto	Ma
40.0													
-50.0												Fre	qOffs
-30.0													0 H
-60.0													
												Sci	ale Typ
Start 30) MHz									Stop 1	0.000 GHz	Log	L
≇Res Β	W 1.0	VIHz			#VBW	/ 3.0 MHz		S	weep 1	8.00 ms (30001 pts)		
ISG									STATU	IS			

Plot 7-113. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 11)



Plot 7-114. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 11)

FCC ID: BCGA2069	<u><u><u></u><u>PCTEST</u></u></u>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 00 cf 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 89 of 136
© 2020 PCTEST		· · · · · · · · · · · · · · · · · · ·	V 9.5 12/16/2019



	pectrum Analy										-	
🗶 RL	RF	50 Ω	AC	CORREC	SEI	NSE:INT	#Avg Typ	e: RMS		M Feb 24, 2020	Frequenc	у
				PNO: Fast IFGain:Low	Trig: Free Atten: 40		Avg Hold	>100/100	TYF			
10 dB/div Log	Ref 30	0.00 dE	3m					Μ	kr1 5.89 -25.2	0 7 GHz 78 dBm	Auto 1	Гun
20.0											Center 5.015000000	
0.00											Start 30.000000	
-10.0							1			DL1 -12:40 dBm	Stop 10.000000000	
-30.0										Laine (no.) 1933) in Linnen () The first of the first of	CF 997.000000 Auto	
50.0											Freq O	offs 0 I
60.0									Ston 40		Scale 1	Typ ∟
Start 30 ∮Res BW	MHZ 1.0 MHz	z		#VB	W 3.0 MHz		s	weep 1	Stop 10 8.00 ms (3	.000 GHz 0001 pts)		-
SG								STATU	IS			

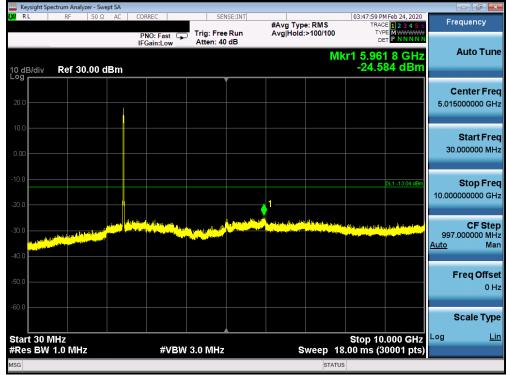
Plot 7-115. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 1)



Plot 7-116. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 1)

FCC ID: BCGA2069	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dage 00 of 126	
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 90 of 136	
© 2020 PCTEST			V 9.5 12/16/2019	





Plot 7-117. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA – RU242 – Ch. 6)



Plot 7-118. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA – RU242 – Ch. 6)

FCC ID: BCGA2069	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	De		
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 91 of 136		
© 2020 PCTEST V 9.5 12/16/2019					



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XU RL	RF	50 Ω	AC	CORR	EC		ENSE:INT	#Avg Typ		TRAC	M Feb 24, 2020 E 1 2 3 4 5 6	Fre	quency
					D:Fast G ain:Low	Trig: Fr Atten: 4		Avg Hold	l:>100/100	TYF			
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10 dB/div Log	Ref	30.00 d	Bm						_	-24.5	80 dBm		
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10.0													
10.0													Start Fre
0.00												30.0	00000 MH
-10.0											DL1 -12.78 dBm		Stop Fre
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Plot 7-119. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 11)



Plot 7-120. Conducted Spurious Plot SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 11)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 00 of 100
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 92 of 136
© 2020 PCTEST			V 9.5 12/16/2019



7.7 Radiated Spurious Emission Measurements – Above 1 GHz §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-19 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]		
Above 960.0 MHz	500	3		

Table 7-19. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Section 6.6.4.3 KDB 558074 D01 v05r01 – Sections 8.6, 8.7

Test Settings

Average Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = power average (RMS)
- 5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
- 6. Sweep time = auto
- 7. Trace (RMS) averaging was performed over at least 100 traces

Peak Field Strength Measurements

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- 2. RBW = 1MHz
- 3. VBW = 3MHz
- 4. Detector = peak
- 5. Sweep time = auto couple
- 6. Trace mode = max hold
- 7. Trace was allowed to stabilize

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 02 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 93 of 136
© 2020 PCTEST		·	V 9.5 12/16/2019



The EUT and measurement equipment were set up as shown in the diagram below.

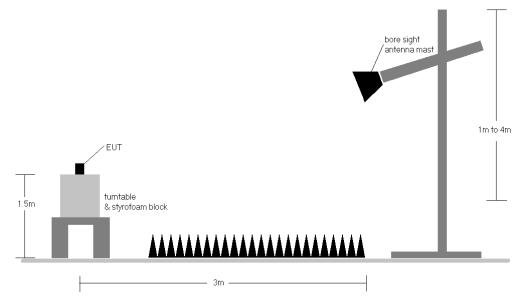


Figure 7-6. Test Instrument & Measurement Setup

Test Notes

- The optional test procedures for antenna port conducted measurements of unwanted emissions per the guidance of KDB 558074 D01 v05r01 were not used to evaluate this device for compliance to radiated limits. All radiated spurious emissions levels were measured in a radiated test setup.
- 2. All emissions lying in restricted bands specified in Section 15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-19.
- 3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
- 4. This unit was tested with its standard battery.
- 5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
- 6. Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
- 8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

FCC ID: BCGA2069	PCTEST		
Test Report S/N:	Test Dates:	EUT Type:	Dage 04 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 94 of 136
© 2020 PCTEST	•		V 9.5 12/16/2019



9. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level [dBµV/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB]
- Margin [dB] = Field Strength Level $[dB\mu V/m]$ Limit $[dB\mu V/m]$

Radiated Band Edge Measurement Offset

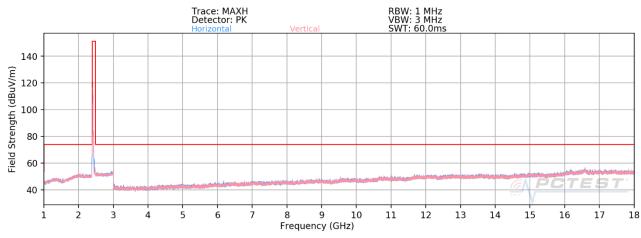
• The amplitude offset shown in the radiated restricted band edge plots in Section 7.7 was calculated using the formula:

Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

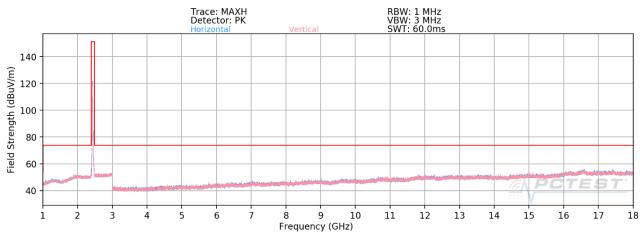
FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage OF of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 95 of 136
© 2020 PCTEST			V 9.5 12/16/2019



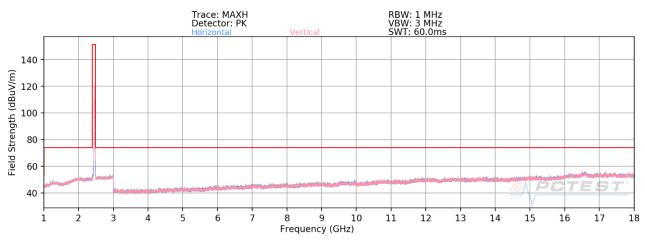
7.7.1 SISO Core 0 Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-121. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax OFDMA – RU26 – Ch. 1)



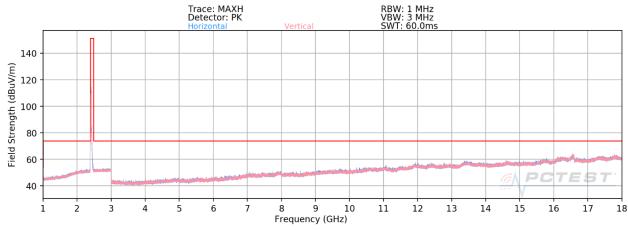
Plot 7-122. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 6)



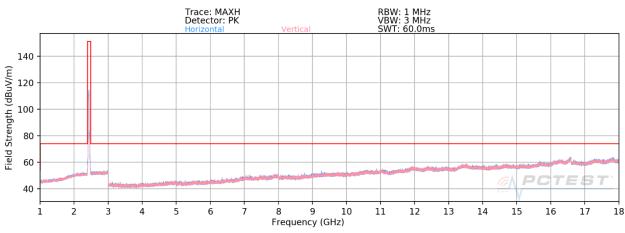
Plot 7-123. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax OFDMA - RU26 - Ch. 11)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 06 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 96 of 136
© 2020 PCTEST		·	V 9.5 12/16/2019

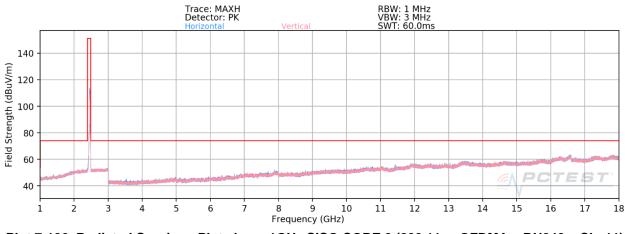












Plot 7-126. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax OFDMA - RU242 - Ch. 11)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dama 07 of 100		
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 97 of 136		
© 2020 PCTEST V 9.5 12/16/2019					



SISO Core 0 Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Avg	Н	-	-	-79.62	9.29	36.67	53.98	-17.31
4824.00	Peak	Н	-	-	-68.42	9.29	47.87	73.98	-26.11
12060.00	Avg	Н	-	-	-82.19	21.39	46.20	53.98	-7.78
12060.00	Peak	Н	-	-	-70.44	21.39	57.95	73.98	-16.03

Table 7-20. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Avg	Н	-	-	-79.68	9.26	36.58	53.98	-17.40
4874.00	Peak	Н	-	-	-68.24	9.26	48.02	73.98	-25.96
7311.00	Avg	Н	-	-	-81.35	13.78	39.43	53.98	-14.55
7311.00	Peak	Н	-	-	-69.99	13.78	50.79	73.98	-23.19
12185.00	Avg	Н	-	-	-82.13	21.36	46.23	53.98	-7.75
12185.00	Peak	Н	-	-	-71.34	21.36	57.02	73.98	-16.96

Table 7-21. Radiated Measurements SISO CORE 0 (RU26)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 00 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 98 of 136
© 2020 PCTEST	·		V 9.5 12/16/2019



Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-79.98	8.98	36.00	53.98	-17.98
4924.00	Peak	н	-	-	-68.19	8.98	47.79	73.98	-26.19
7386.00	Avg	н	-	-	-81.91	14.01	39.10	53.98	-14.88
7386.00	Peak	н	-	-	-70.92	14.01	50.09	73.98	-23.89
12310.00	Avg	н	-	-	-82.66	21.79	46.13	53.98	-7.85
12310.00	Peak	н	-	-	-71.56	21.79	57.23	73.98	-16.75

Table 7-22. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Avg	Н	-	-	-82.50	9.29	33.79	53.98	-20.19
4824.00	Peak	Н	-	-	-70.82	9.29	45.47	73.98	-28.51
12060.00	Avg	Н	-	-	-84.53	21.39	43.86	53.98	-10.12
12060.00	Peak	Н	-	-	-72.98	21.39	55.41	73.98	-18.57

Table 7-23. Radiated Measurements SISO CORE 0 (RU242)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 00 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 99 of 136
© 2020 PCTEST	·		V 9.5 12/16/2019



Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Avg	Н	-	-	-81.81	9.26	34.45	53.98	-19.53
4874.00	Peak	Н	-	-	-70.79	9.26	45.47	73.98	-28.51
7311.00	Avg	н	-	-	-83.40	13.78	37.38	53.98	-16.60
7311.00	Peak	н	-	-	-72.47	13.78	48.31	73.98	-25.67
12185.00	Avg	Н	-	-	-84.18	21.36	44.18	53.98	-9.80
12185.00	Peak	н	-	-	-73.11	21.36	55.25	73.98	-18.73

Table 7-24. Radiated Measurements SISO CORE 0 (RU242)

Worst Case Mode: Worst Case Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:

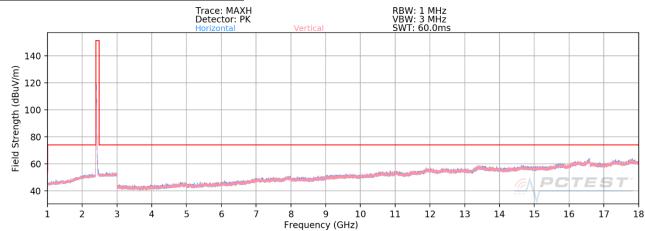
802.11ax OFDMA
MCS0
61
3 Meters
2462MHz
11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-81.80	8.98	34.18	53.98	-19.80
4924.00	Peak	Н	-	-	-70.90	8.98	45.08	73.98	-28.90
7386.00	Avg	Н	-	-	-83.88	14.01	37.13	53.98	-16.85
7386.00	Peak	Н	-	-	-72.52	14.01	48.49	73.98	-25.49
12310.00	Avg	Н	-	-	-84.79	21.79	44.00	53.98	-9.98
12310.00	Peak	Н	-	-	-76.79	21.79	52.00	73.98	-21.98

Table 7-25. Radiated Measurements SISO CORE 0 (RU242)

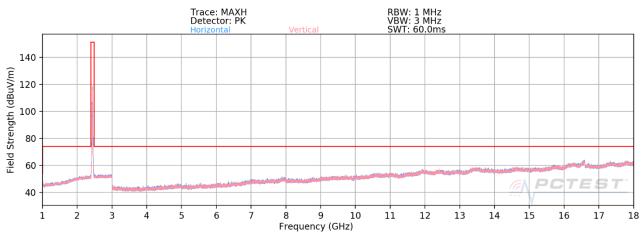
FCC ID: BCGA2069	PCTEST		
Test Report S/N:	Test Dates:	EUT Type:	Dage 100 of 120
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 100 of 136
© 2020 PCTEST	·	·	V 9.5 12/16/2019



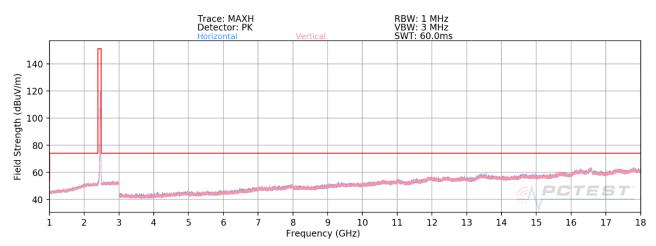


7.7.2 SISO Core 1 Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Plot 7-127. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 1)



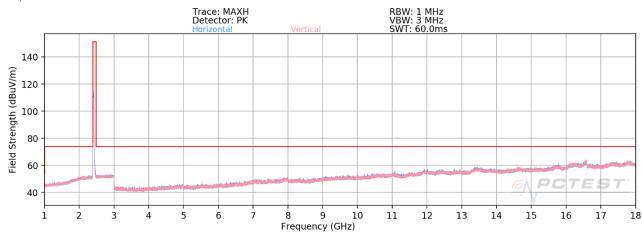
Plot 7-128. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 6)



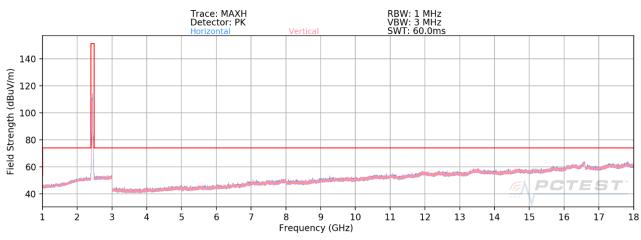
Plot 7-129. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax OFDMA - RU26 - Ch. 11)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 101 of 120
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 101 of 136
© 2020 PCTEST			V 9.5 12/16/2019

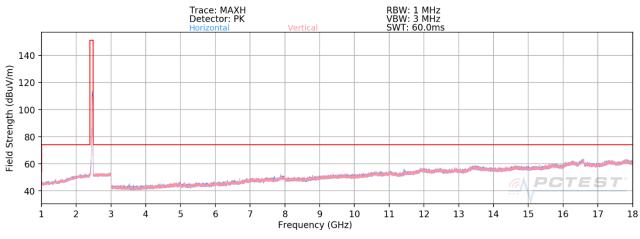




Plot 7-130. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 1)







Plot 7-132. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax OFDMA - RU242 - Ch. 11)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 of 400
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 102 of 136
© 2020 PCTEST			V 9.5 12/16/2019



SISO Core 1 Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Avg	Н	-	-	-82.10	9.29	34.19	53.98	-19.79
4824.00	Peak	Н	-	-	-70.57	9.29	45.72	73.98	-28.26
12060.00	Avg	Н	-	-	-84.40	21.39	43.99	53.98	-9.99
12060.00	Peak	Н	-	-	-72.82	21.39	55.57	73.98	-18.41

Table 7-26. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Avg	Н	-	-	-81.88	9.26	34.38	53.98	-19.60
4874.00	Peak	Н	-	-	-69.97	9.26	46.29	73.98	-27.69
7311.00	Avg	н	-	-	-83.60	13.78	37.18	53.98	-16.80
7311.00	Peak	н	-	-	-72.05	13.78	48.73	73.98	-25.25
12185.00	Avg	н	-	-	-84.26	21.36	44.10	53.98	-9.88
12185.00	Peak	Н	-	-	-72.89	21.36	55.47	73.98	-18.51

Table 7-27. Radiated Measurements SISO CORE 1 (RU26)

FCC ID: BCGA2069	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 102 of 120
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 103 of 136
© 2020 PCTEST	·		V 9.5 12/16/2019



Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-82.18	8.98	33.80	53.98	-20.18
4924.00	Peak	н	-	-	-70.60	8.98	45.38	73.98	-28.60
7386.00	Avg	н	-	-	-83.95	14.01	37.06	53.98	-16.92
7386.00	Peak	н	-	-	-72.95	14.01	48.06	73.98	-25.92
12310.00	Avg	н	-	-	-84.79	21.79	44.00	53.98	-9.98
12310.00	Peak	н	-	-	-73.24	21.79	55.55	73.98	-18.43

Table 7-28. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Avg	Н	-	-	-82.20	9.29	34.09	53.98	-19.89
4824.00	Peak	Н	-	-	-70.92	9.29	45.37	73.98	-28.61
12060.00	Avg	Н	-	-	-84.63	21.39	43.76	53.98	-10.22
12060.00	Peak	Н	-	-	-72.92	21.39	55.47	73.98	-18.51

Table 7-29. Radiated Measurements SISO CORE 1 (RU242)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 104 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 104 of 136
© 2020 PCTEST			V 9.5 12/16/2019



Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Avg	Н	-	-	-81.91	9.26	34.35	53.98	-19.63
4874.00	Peak	Н	-	-	-70.76	9.26	45.50	73.98	-28.48
7311.00	Avg	н	-	-	-83.44	13.78	37.34	53.98	-16.64
7311.00	Peak	н	-	-	-72.46	13.78	48.32	73.98	-25.66
12185.00	Avg	Н	-	-	-84.20	21.36	44.16	53.98	-9.82
12185.00	Peak	н	-	-	-73.01	21.36	55.35	73.98	-18.63

Table 7-30. Radiated Measurements SISO CORE 1 (RU242)

Worst Case Mode: Worst Case Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:

802.11ax OFDMA MCS0 61 3 Meters 2462MHz 11

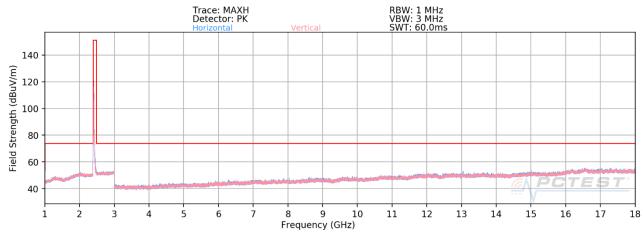
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-81.76	8.98	34.22	53.98	-19.76
4924.00	Peak	Н	-	-	-70.77	8.98	45.21	73.98	-28.77
7386.00	Avg	Н	-	-	-83.82	14.01	37.19	53.98	-16.79
7386.00	Peak	Н	-	-	-72.62	14.01	48.39	73.98	-25.59
12310.00	Avg	Н	-	-	-84.73	21.79	44.06	53.98	-9.92
12310.00	Peak	Н	-	-	-76.69	21.79	52.10	73.98	-21.88

Table 7-31. Radiated Measurements SISO CORE 1 (RU242)

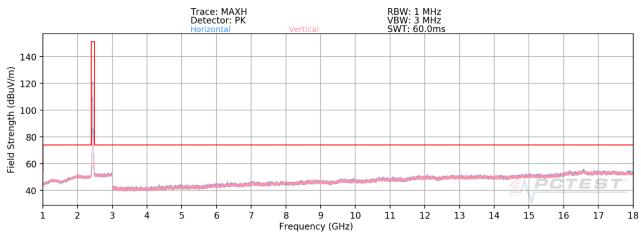
FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dega 105 of 126	
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 105 of 136	
© 2020 PCTEST		·	V 9.5 12/16/2019	



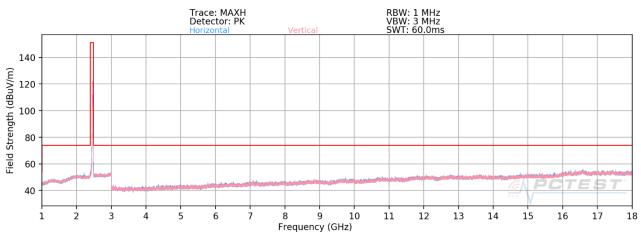
7.7.3 CDD Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]



Plot 7-133. Radiated Spurious Plot above 1GHz CDD (802.11ax OFDMA – RU26 – Ch. 1)



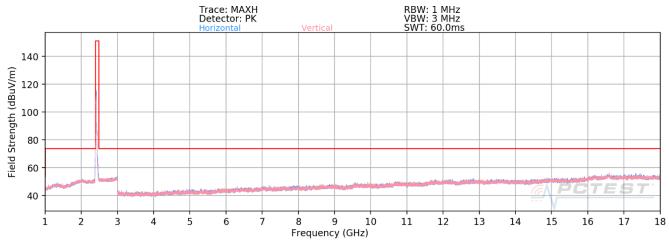




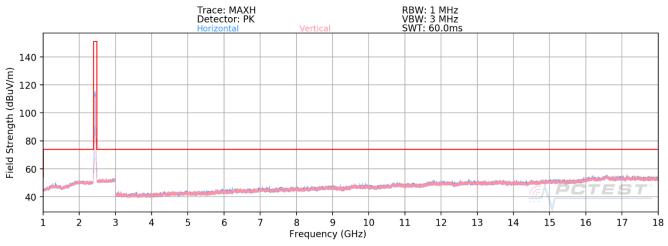
Plot 7-135. Radiated Spurious Plot above 1GHz CDD (802.11ax OFDMA – RU26 – Ch. 11)

FCC ID: BCGA2069	<u><u><u></u><u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u></u>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Daga 100 of 100	
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 106 of 136	
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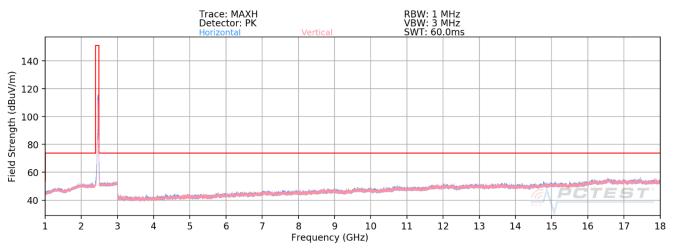








Plot 7-137. Radiated Spurious Plot above 1GHz CDD (802.11ax OFDMA - RU242 - Ch. 6)

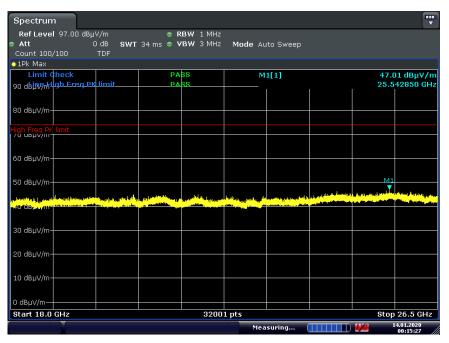


Plot 7-138. Radiated Spurious Plot above 1GHz CDD (802.11ax OFDMA – RU242 – Ch. 11)

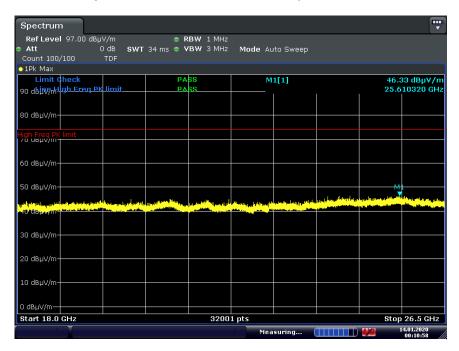
FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 107 of 120
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 107 of 136
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CDD Radiated Spurious Emissions Measurements (Above 18GHz) §15.209; RSS-Gen [8.9]



Plot 7-139. Radiated Spurious Plot above 18GHz CDD (802.11ax OFDMA - RU26, Pol. H)



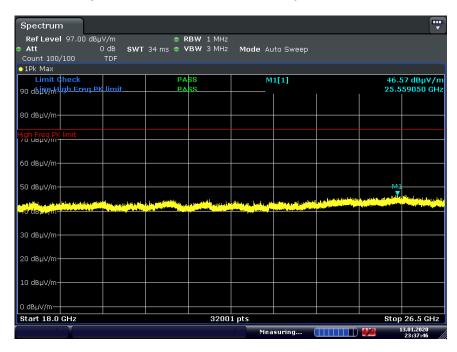
Plot 7-140. Radiated Spurious Plot above 18GHz CDD (802.11ax OFDMA - RU26, Pol. V)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager			
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 at 400			
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 108 of 136			
© 2020 PCTEST V 9.5 12/16/2019						



Spectrum						
Ref Level 97.00 dBµV/		RBW 1 MHz				
■ Att 0 α Count 100/100 T	dB SWT 34 ms 🗢 DF	VBW 3 MHz	Mode Au	ito Sweep		
• 1Pk Max						
Limit Check		PASS	M	1[1]	47.0	I3 dBµV/r
90 dbjllghtigh Ereq EK li	imitI	PASS				95180 GH
80 dBµV/m						
High Freq PK limit						
/ 0 dbp1,111						
60 dBµV/m						
00 000000000000000000000000000000000000						
50 dBµV/m					M	
					 a page and a state of the state of the	alian dan dire di
40 dBpwym			ditta tabler			
30 dBµV/m						
30 ubµv/m						
20 dBµV/m						
20 uBµV/III-						
10 dB 4/m						
10 dBµV/m						
0 dBµV/m						
Start 18.0 GHz		3200	1 pts			26.5 GHz
			Mea	suring (4/4	3.01.2020 23:31:45

Plot 7-141. Radiated Spurious Plot above 18GHz CDD (802.11ax OFDMA – RU242. Pol. H)



lot 7-142. Radiated Spurious Plot above 18GHz CDD (802.11ax OFDMA - RU242, Pol. V)

FCC ID: BCGA2069	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager			
Test Report S/N:	Test Dates:	EUT Type:	Dawa 400 af 400			
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 109 of 136			
© 2020 PCTEST V 9.5 12/16/2019						



CDD Radiated Spurious Emission Measurements §15.247(d) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Avg	Н	102	300	-76.97	9.29	39.32	53.98	-14.66
4824.00	Peak	Н	102	300	-66.15	9.29	50.14	73.98	-23.84
12060.00	Avg	Н	-	-	-82.43	21.39	45.96	53.98	-8.02
12060.00	Peak	Н	-	-	-70.95	21.39	57.44	73.98	-16.54

Table 7-32. Radiated Measurements CDD (RU26)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2437MHz
Channel:	06

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Avg	Н	-	-	-79.95	9.26	36.31	53.98	-17.67
4874.00	Peak	Н	-	-	-68.58	9.26	47.68	73.98	-26.30
7311.00	Avg	Н	-	-	-81.32	13.78	39.46	53.98	-14.52
7311.00	Peak	Н	-	-	-70.31	13.78	50.47	73.98	-23.51
12185.00	Avg	Н	-	-	-82.38	21.36	45.98	53.98	-8.00
12185.00	Peak	Н	-	-	-71.52	21.36	56.84	73.98	-17.14

Table 7-33. Radiated Measurements CDD (RU26)

FCC ID: BCGA2069	PCTEST				
Test Report S/N:	Test Dates:	EUT Type:	Degs 110 of 120		
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 110 of 136		
© 2020 PCTEST	•		V 9.5 12/16/2019		



Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	4
Distance of Measurements:	3 Meters
Operating Frequency:	2462MHz
Channel:	11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-79.97	8.98	36.01	53.98	-17.97
4924.00	Peak	Н	-	-	-68.58	8.98	47.40	73.98	-26.58
7386.00	Avg	н	-	-	-81.90	14.01	39.11	53.98	-14.87
7386.00	Peak	н	-	-	-70.68	14.01	50.33	73.98	-23.65
12310.00	Avg	н	-	-	-83.05	21.79	45.74	53.98	-8.24
12310.00	Peak	н	-	-	-72.35	21.79	56.44	73.98	-17.54

Table 7-34. Radiated Measurements CDD (RU26)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	01

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4824.00	Avg	Н	-	-	-79.66	9.29	36.63	53.98	-17.35
4824.00	Peak	н	-	-	-67.93	9.29	48.36	73.98	-25.62
12060.00	Avg	н	-	-	-82.24	21.39	46.15	53.98	-7.83
12060.00	Peak	Н	-	-	-70.88	21.39	57.51	73.98	-16.47

Table 7-35. Radiated Measurements CDD (RU242)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 111 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 111 of 136
© 2020 PCTEST			V 9.5 12/16/2019



802.11ax OFDMA
MCS0
61
3 Meters
2437MHz
06

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4874.00	Avg	Н	-	-	-79.74	9.26	36.52	53.98	-17.46
4874.00	Peak	Н	-	-	-67.53	9.26	48.73	73.98	-25.25
7311.00	Avg	н	-	-	-81.22	13.78	39.56	53.98	-14.42
7311.00	Peak	н	-	-	-69.80	13.78	50.98	73.98	-23.00
12185.00	Avg	Н	-	-	-82.29	21.36	46.07	53.98	-7.91
12185.00	Peak	н	-	-	-71.21	21.36	57.15	73.98	-16.83

Table 7-36. Radiated Measurements CDD (RU242)

Worst Case Mode: Worst Case Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:

802.11ax OFDMA
MCS0
61
3 Meters
2462MHz
11

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
4924.00	Avg	Н	-	-	-80.08	8.98	35.90	53.98	-18.08
4924.00	Peak	Н	-	-	-68.50	8.98	47.48	73.98	-26.50
7386.00	Avg	Н	-	-	-81.92	14.01	39.09	53.98	-14.89
7386.00	Peak	Н	-	-	-70.22	14.01	50.79	73.98	-23.19
12310.00	Avg	Н	-	-	-82.31	21.79	46.48	53.98	-7.50
12310.00	Peak	Н	-	-	-70.69	21.79	58.10	73.98	-15.88

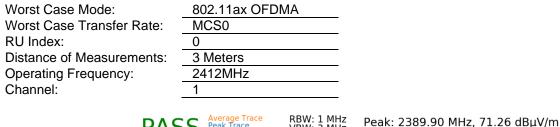
Table 7-37. Radiated Measurements CDD (RU242)

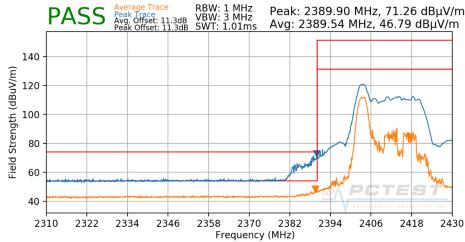
FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 112 of 120
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 112 of 136
© 2020 PCTEST	•		V 9.5 12/16/2019



7.7.4 SISO Core 0 Radiated Restricted Band Edge Measurements §15.205 §15.209; RSS-Gen [8.9]

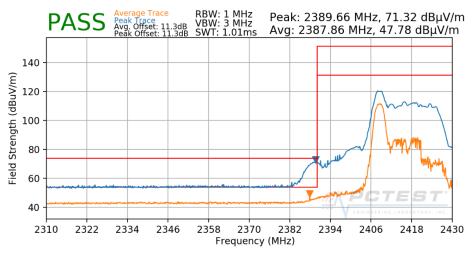
The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.





Plot 7-143. Radiated Restricted Lower Band Edge Measurement SISO CORE 0 (Average - RU26)

Worst Case Mode:	802.11ax OFDMA
Worst Case Transfer Rate:	MCS0
RU Index:	0
Distance of Measurements:	3 Meters
Operating Frequency:	2417MHz
Channel:	2

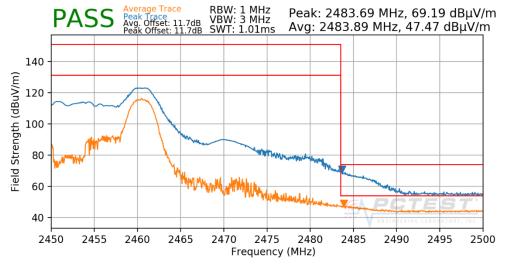


Plot 7-144. Radiated Restricted Lower Band Edge Measurement SISO CORE 0 (Average – RU26)

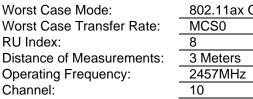
FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 113 of 136
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 113 01 130
© 2020 PCTEST	•		V 9.5 12/16/2019



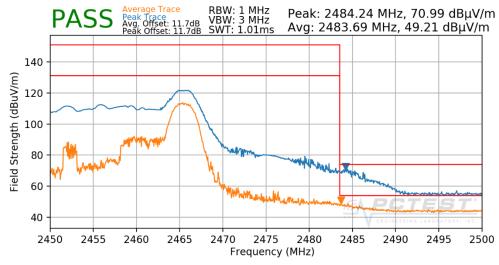
	802.11ax OFDMA
:	MCS0
	8
S:	3 Meters
	2452MHz
	9



Plot 7-145. Radiated Restricted Upper Band Edge Measurement SISO CORE 0 (Average – RU26)



	802.11ax OFDMA
e:	MCS0
	8
s:	3 Meters
	2457MHz
	10

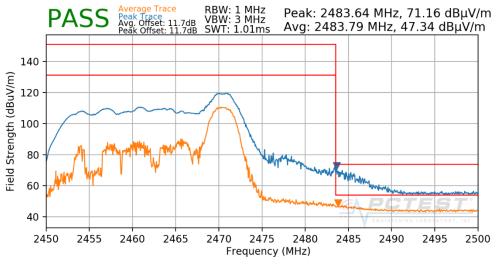


Plot 7-146. Radiated Restricted Upper Band Edge Measurement SISO CORE 0 (Average – RU26)

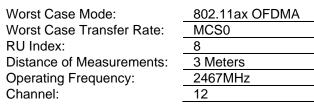
FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	D
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 114 of 136
© 2020 PCTEST	•	•	V 9.5 12/16/2019

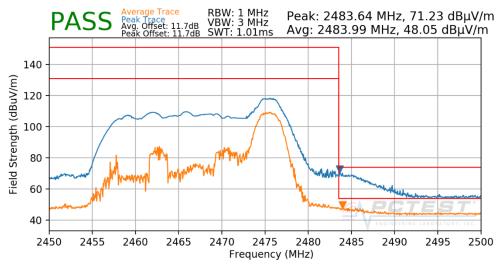


	802.11ax OFDMA
:	MCS0
	8
S:	3 Meters
	2462MHz
	11



Plot 7-147. Radiated Restricted Upper Band Edge Measurement SISO CORE 0 (Average – RU26)



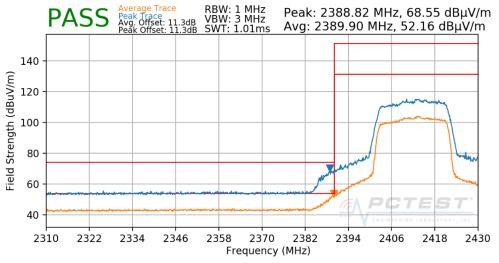


Plot 7-148. Radiated Restricted Upper Band Edge Measurement SISO CORE 0 (Average – RU26)

FCC ID: BCGA2069	<u><u><u></u><u>PCTEST</u></u></u>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 115 of 120
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 115 of 136
© 2020 PCTEST			V 9.5 12/16/2019



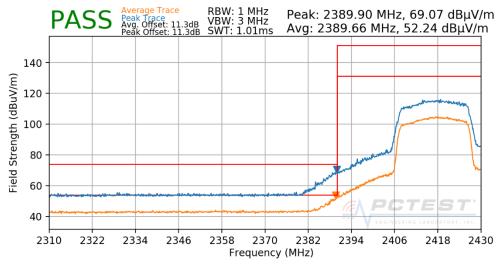
	802.11ax OFDMA
te:	MCS0
	61
nts:	3 Meters
	2412MHz
	1



Plot 7-149. Radiated Restricted Lower Band Edge Measurement SISO CORE 0 (Average - RU242)

Worst Case Mode: Worst Case Transfer Rate: RU Index: Distance of Measurements: Operating Frequency: Channel:

	802.11ax OFDMA
:	MCS0
	61
S:	3 Meters
	2417MHz
	2

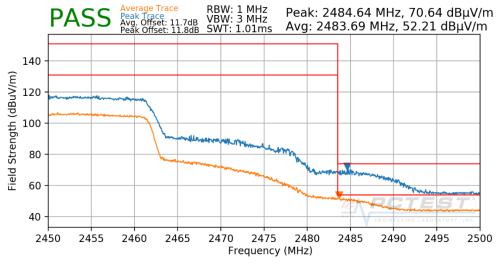


Plot 7-150. Radiated Restricted Lower Band Edge Measurement SISO CORE 0 (Average – RU242)

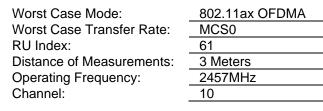
FCC ID: BCGA2069	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 116 of 126
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	Page 116 of 136
© 2020 PCTEST			V 9.5 12/16/2019

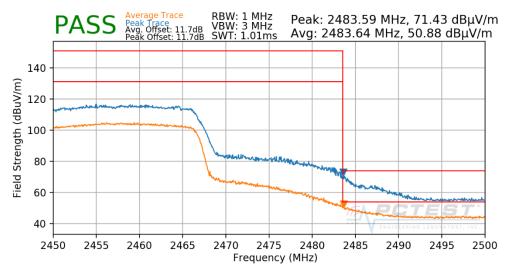


	802.11ax OFDMA
te:	MCS0
	61
nts:	3 Meters
	2452MHz
	9



Plot 7-151. Radiated Restricted Upper Band Edge Measurement SISO CORE 0 (Average – RU242)





Plot 7-152. Radiated Restricted Upper Band Edge Measurement SISO CORE 0 (Average – RU242)

FCC ID: BCGA2069	PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 117 of 136
1C1912170054-07.BCG	12/10/2019 - 02/24/2020	Tablet Device	
© 2020 PCTEST V 9.5 12/16/2019			