



Plot 9-4. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 52)



Plot 9-5. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 60)





Plot 9-6. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 64)



Plot 9-7. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 100)



Spectrum Occupied	n Analy d BW	vzer 1	+										0	Trace	- " 影
KEYSI	GHT	Input: RF Coupling: AC Align: Auto	Inp Co Fre	put Z: 50 Ω prrections: On eq Ref: Int (S)	Atten: 30 dB Preamp: Off		Trig: F Gate: #IF Ga	ree Run Off ain: Low	Cente Avg H Radio	r Freq old:>1 Std: N	: 5.58000000 0/10 None	0 GHz	Trace Cl	Type ear / Write	Trace Control
1 Graph		•			Ref Lvl Offse	t 0.39	dB						Tr	ace Average	Delector
Scale/Di	v 5.0 c	βB			Ref Value 10.	00 dB	m						.		
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0.00					0.0.00		- 2						ОМ	in Hold	
-5.00				mon	and the set of the last	~~~~~	∾ ५०००√००	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man						
-10.0			/						1				Re	start Max Hold	
-20.0			- N												
-25.0		part and million	(~~~·							Ŵ	Mary Maryon	PEAK			
-30.0	<u></u>														
-35.0															
Center 5	.58000) GHz			#Video BW 91	0.00	κHz			C 14	S	pan 35 MHz			
2 Matrice	1 300.0	-								Jn	eep 1.00 m	s (1001 pts)			
2 metrics		· ·													
	Occup	bied Bandwidt	h												
		17.	647 MH	iz			Total	Power			13.3 dl	Bm			
	Trans	mit Freq Error	•	-35.531 k	Hz		% of	OBW Pow	er		99.00) %			
	x dB B	Bandwidth		30.06 M	Hz		x dB				-26.00	dB			
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Plot 9-8. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 116)



Plot 9-9. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 140)

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Spectrum Occupied	n Analy d BW	zer 1 ,	+									Trace	- 7 器
KEYSI	GHT	Input: RF Coupling: AC Align: Auto	Input Z: 50 0 Corrections: Freq Ref: In	0 Atten: 30 dB On Preamp: Off t (S)	Trig: F Gate: #IF G	Free Run Off ain: Low	Cente Avg H Radio	r Freq old:>1 Std: N	: 5.745000000 0/10 None	GHz	Trace Ty Clea	/pe r / Write	Trace Control
1 Oranh		-									Trac	o Averago	Detector
Scale/Di	v 5.0 d	B		Ref LvI Offse Ref Value 10	et 0.42 dB .03 dBm						Tace	e Average	
Log	0.00										Max	Hold	
0.030											Min H	Hold	
-4.97			m		and the set of the set	and the second	hum						
-15.0							\	1 .			Resta	rt Max Hold	
-20.0		1 minun	~~**					July Call	mun	PEAK			
-30.0	marthe	Person Looperson							· · · · · · · · · · · · · · · · · · ·	and from the particular			
-35.0													
Center 5 #Res BV	.74500 V 300.0	0 GHZ 0 kHZ		#Video BW 9	10.00 kHz			Sw	Sp Sp 1.00 ms	oan 35 MHz (1001 pts)			
2 Metrics		•								· · · · ·			
	Occup	ied Bandwidth											
		17.7	33 MHz		Tota	l Power			13.1 dB	im			
	Transi	nit Freq Error	-26.8	81 kHz	% of	OBW Pow	er		99.00	%			
	XUDE	anuwiutn	30.3		X UD				-20.00 (
Ľ	<u>ר</u>		Apr 29, 20 2:53:50 F										

Plot 9-10. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 149)



Plot 9-11. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 157)



Spectrun Occupied	n Analy d BW	zer 1 🔻	+					Trace	- 7 景
KEYSI	ight	Input: RF Coupling: AC Align: Auto	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Atten: 30 dB Preamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 5.82500 Avg Hold:>10/10 Radio Std: None	00000 GHz	Trace Type Clear / Write	Trace Control
LNI 1 Croph		_							Detector
Scale/Di	iv 5.0 d	IB		Ref LvI Offset 0 Ref Value 10.03).42 dB 3 dBm			Trace Average	
Log								Max Hold	
0.030					monent	here and the second sec		Min Hold	
-9.97 -15.0								Restart Max Hold	
-20.0 -25.0 -30.0	and the second	manders				Marmort	PEAK-		
-35.0 Center 5	5.82500	GHz		#Video BW 910	.00 kHz		Span 35 MHz		
#Res BV	V 300.0	0 kHz				Sweep 1.0	0 ms (1001 pts)		
2 Metrics	Occup	▼ bied Bandwidth							
		17.4	48 MHz		Total Power	12.	.8 dBm		
	Transi x dB E	mit Freq Error Bandwidth	-10.767 k 30.00 M	Hz Hz	% of OBW Pow x dB	rer 99 -26	9.00 % 6.00 dB		
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Plot 9-12. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11a (Ch. 165)



9.2.5.2 Chain A 802.11n HT20 26-dB Emission Bandwidth

	Chain A 802.1	1n HT20 26-dB Emi	ssion Bandwidth	
Band	Channel No.	Frequency (MHz)	26-dB Emission Bandwidth (MHz)	99% Occupied BW (MHz)
UNII-1	36	5180	29.62	17.99
	44	5220	29.75	18.01
	48	5240	29.50	17.86
UNII-2A	52	5260	27.34	17.87
	60	5300	29.42	17.91
	64	5320	29.32	17.90
UNII-2C	100	5500	29.71	17.97
	116	5580	29.67	17.98
	140	5700	28.22	17.90
UNII-3	149	5745	29.60	17.90
	157	5785	29.40	17.85
	165	5825	29.55	17.96



Plot 9-13. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 36)



Spectrun Occupied	n Analy d BW	zer 1	• +										Trace	- 7 😤
KEYSI	GHT	Input: RF Coupling: AC Align: Auto	Inp Col Fre	out Z: 50 Ω rrections: On eq Ref: Int (S)	Atten: 30 dB Preamp: Off	Trig Gal #IF	: Free Run ie: Off Gain: Low	Center Avg He Radio	r Freq old:>1 Std: N	: 5.220000000 0/10 None) GHz	Trace 1 Cle	Гуре ar / Write	Trace Control
1 Graph		•			Ref LvI Offset	0.39 dB						Tra	ce Average	Delector
Scale/Di Log 5.03 0.030	iv 5.0 c				Ref Value 10.0	3 dBm						 Max Min 	x Hold	
-4.97 -9.97 -15.0				marktm			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and				Rest	tart Max Hold	
-25.0 -30.0 -35.0	mont	n								Monton Cyrol	PEAK			
Center 5 #Res BV	5.22000 V 300.0) GHz)0 kHz	·	#	Video BW 910	0.00 kHz			Sw	Sj veep 1.00 ms	oan 35 MHz s (1001 pts)			
2 Metrics	Occur	▼	445											
	Occup	18	8.010 MH	z		Тс	tal Power			12.7 d	ßm			
	Trans x dB E	mit Freq Erro 3andwidth	or	30.412 kH 29.75 MH	lz Iz	% X (of OBW Pov dB	wer		99.00 -26.00	% dB			
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Plot 9-14. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 44)



Plot 9-15. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 48)



Spectrum Occupied	n Analy d BW	zer 1 🗸	+										\$	Trace	- * 影
KEYSI	GHT	Input: RF Coupling: AC Align: Auto	Input Z Correc Freq R	2: 50 Ω :tions: On Ref: Int (S)	Atten: 30 dB Preamp: Off		Trig: F Gate: (#IF Ga	ree Run Off in: Low	Center Avg Ho Radio S	Freq old:>1 Std: N	: 5.260000000 0/10 None	GHz	Trace Cl	Type ear / Write	Trace Control
1 Graph		Ţ			Ref LvI Offset	0.39	dB						Tr	ace Average	Detector
Scale/Di	v 5.0 d	В			Ref Value 10.0)3 dBi	m			-			OM:	ax Hold	
5.03															
0.030				- martin	manny	Jorn	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						Mi	n Hold	
-9.97					`				a north						
-15.0										$\lambda_{\rm L}$			Re	start Max Hold	
-25.0		1. •. // ¹⁴	S —							٦ پر	Maryle Mr. Al	PEAK			
-30.0	with	Mary and Sold										Sur Current			
Center 5	26000	CH7				0 00 6	1				S,	an 35 MHz			
#Res BV	V 300.0	0 kHz				0.00 P				Sw	eep 1.00 ms	(1001 pts)			
2 Metrics		•													
	Occup	ied Bandwidth													
		17.8	67 MHz				Total	Power			12.6 dE	lm			
	Transi	nit Freq Error		32.746 kH	lz		% of	OBW Powe	er		99.00	%			
	x dB E	andwidth		27.34 MF	łz		x dB				-26.00 (iB			
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Plot 9-16. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 52)



Plot 9-17. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 60)



Spectrun Occupied	n Analy d BW	zer 1 🗸	+											0	Trace	- " 影
KEYSI	GHT	Input: RF Coupling: AC Align: Auto		Input Z: Correcti Freq Re	50 Ω ons: On f: Int (S)	Atten: 30 dB Preamp: Off		Trig: F Gate: (#IF Ga	ree Run Off in: Low	Center Avg Ho Radio S	Frec old:>1 Std: I	i: 5.320000000 10/10 None	GHz	Trace Cl	Type ear / Write	Trace Control
1 Graph					ł	Ref LvI Offset	t 0.39	dB						Tr	ace Average	Delector
Scale/Di	iv 5.0 d	В		_		Ref Value 10.	03 dB	m								
5.03														• M	ax Hold	
0.030							~~~	(marco						Mi	in Hold	
-4.97				man	~~~~		*		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m						
-15.0										· · · ·	4			Re	start Max Hold	
-20.0			J.								Ľ		PEAK			
-30.0	Mar Marth	Law wow when we	-									hrey har and	mylong			
-35.0																
Center 5	.32000	GHz			#	Video BW 91	0.00	kHz			•	Sp	oan 35 MHz			
#Res BV	v 300.0	U KHZ -									51	veep 1.00 ms	(1001 pts)			
2 Metrics		V														
	Occup	ied Bandwidth	h	411-				Tetal	Damas			10.0.40				
	-	17.3	904 N	IHZ				Total	Power			12.9 05	en e			
	Transi x dB E	nit Freq Error Jandwidth	_		29.326 KH 29.32 MH	z		% of x dB	OBW Powe	er		-26.00	% dB			
												20.000				
						-										
H	า (?	Apr 29 5:09:1	9, 2020 12 PM	$\Box \triangle$										

Plot 9-18. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 64)



Plot 9-19. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 100)



Spectrum Occupied	n Analy d BW	zer 1 🔻	+											\$	Trace	- * 影
KEYSI	ight F	Input: RF Coupling: AC Align: Auto		Input Z: Correcti Freq Re	50 Ω ions: On ef: Int (S)	Atten: 30 dB Preamp: Off	- (Trig: F Gate: (#IF Ga	ree Run Off ain: Low	Center Avg Ho Radio S	Freq ld:>1 Std: N	: 5.580000000 0/10 Ione	GHz	Trace 1 Cle	īype ar / Write	Trace Control
1 Graph		•				Ref LvI Offset	0.39 (dB						Tra	ce Average	Detector
Scale/D Log 5.03 0.030 -4.97 -15.0 -20.0 -25.0 -30.0 -35.0 Center 5 #Res BV	iv 5.0 c مسیم	GHz 0 kHz			*	Ref Value 10.0	03 dBr	n 			Sw	Sp eep 1.00 ms	PEAK PEAK ban 35 MHz (1001 pts)	Max Min Rest	k Hold Hold Lart Max Hold	
2 Metrics	Occup Transe x dB E	vied Bandwidth 17. mit Freq Error Bandwidth	h 982 l	MHz Apr 29 6:05:	9.045 kH 29.67 MH 9, 2020 33 PM			Total % of x dB	Power OBW Pow	er		12.4 dB 99.00 -26.00 d	im % iB			

Plot 9-20. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 116)



Plot 9-21. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 140)



Spectrum Occupied	n Analyz d BW	er 1 ү 🖣										Trace	- * 器
KEYSI	GHT	nput: RF Coupling: AC Nign: Auto	Input Z: 50 Ω Corrections: On Freq Ref: Int (S)	Atten: 30 dB Preamp: Off	Trig: F Gate: #IF G	Free Run Off ain: Low	Center Avg Ho Radio	Freq: old:>10 Std: N	5.74500000 0/10 one) GHz	Trace Cle	Type ear / Write	Trace Control
1 Graph		•		Ref LvI Offset	0.42 dB						Tra	ace Average	Delector
Scale/Di	v 5.0 dE	3		Ref Value 10.0	6 dBm								
Log											 Ma 	ax Hold	
0.060											Mi	n Hold	
-4.94			month	mon and a second of	www.www.	AN UNINAN	WANK O						
-9.94							1				Res	start Max Hold	
-19.9			<i>{</i>					۱ ۳					
-24.9		and a set of the	,					 wy	MANNIN A. M	PEAK			
-29.9	1. Marcally	UNDER CONTRACTOR							ir in or why	William William			
Center 5	74500 (247		#Video BW 91	0 00 647					nan 35 M⊎z			
#Res BW	V 300.00	kHz		#VIGEO BVV 51	0.00 KHZ			Swe	eep 1.00 m	s (1001 pts)			
2 Metrics		۲											
	Occupie	ed Bandwidth											
		17.897	MHz		Tota	l Power			11.6 d	3m			
	Transm	it Freq Error	1.941	kHz	% of	OBW Pow	er		99.00	%			
	x dB Ba	andwidth	29.60 N	/Hz	x dB				-26.00	dB			_
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Plot 9-22. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 149)



Plot 9-23. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 157)



Spectrum Occupied	n Analyzer 1 d BW	• +	-						*	Trace	- 7 景
KEYSI	GHT Input: R Couplin Align: A	F g: AC uto	Input Z: 50 Ω Corrections: On Freq Ref: Int (S)	Atten: 30 dB Preamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Center F Avg Hole Radio S	Freq: 5.82500000 d:>10/10 td: None	0 GHz	Trace Type Clear / V	Vrite	Trace Control
1 Graph		•		Ref LvI Offset 0.4	2 dB				Trace Av	verage	Delector
Scale/Di	iv 5.0 dB			Ref Value 10.06 d	Bm				Max Hol	ld	
0.060			- Brown		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				Min Hold	d	
-9.94 -14.9									Restart N	/lax Hold	
-19.9	N. mar	م					wewww.	PEAK			
-29.9											
#Res BV	0.82500 GHZ V 300.00 kHz			7VIDEO BW 910.00	KHZ		Sweep 1.00 m	pan 35 MHz s (1001 pts)			
2 Metrics	Occupied Bar	▼									
		17.957	MHz		Total Power		11.5 d	Bm			
	Transmit Freq x dB Bandwid	l Error th	12.905 kH 29.55 MH	lz lz	% of OBW Pow x dB	rer	99.00 -26.00) % dB			
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Plot 9-24. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11n HT20 (Ch. 165)



9.3 6-dB Bandwidth

9.3.1 **Test Requirement:** FCC CFR 47 Rule Part 15.407 (e) ISED RSS-247 [6.2.4]

9.3.2 Test Method:

Measurements were performed according to the procedures defined in KDB 789033- General UNII Test Procedures New Rules v02r01 and ANSI C63.10:2013.

Spectrum Analyzer settings: RBW = 100 kHz VBW ≥ 3xRBW Trace Mode= Peak Detector (Max Hold) Sweep time= Auto The in-built functionality of the Spectrum Analyzer is used to measure the 6-dB bandwidth.

9.3.3 Limits: The 6-dB Bandwidth shall be \geq 500 kHz.

9.3.4 Test Results: Pass



9.3.5 Test Data:

9.3.5.1 Chain A 802.11a 6-dB Bandwidth

C	hain A 802.11a 6-dB Bandwid	th
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
149	5745	15.14
157	5785	15.13
165	5825	15.13



Plot 9-25. 6-dB Bandwidth Chain A 802.11a (Ch. 149)



Spectrum Occupied	n Analy d BW	zer 1	•	+									\$	Trace	- 7 器
KEYSI	GHT	Input: F Couplii Align: /	RF ng: AC Auto	Input Z: Correcti Freq Re	50 Ω ons: On f: Int (S)	Atten: 30 dB Preamp: Off	ר (#	Frig: F Gate: (#IF Ga	ree Run Off in: Low	Center Freq Avg Hold:>1 Radio Std: N	: 5.78500 0/10 None	00000 GHz	Trace	Type ear / Write	Trace Control
1 Graph Scale/Di Log 5.03 0.030 -4.97 -9.97 -15.0 -20.0 -25.0 ↔ -30.0	Ref Lvi Offset 0.42 dB Ref Value 10.03 dBm MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM							PEAI WWWWWWW	Tra Ma Mil Res	ace Average ax Hold n Hold start Max Hold	Detector				
-35.0 Center 5 #Res BW 2 Metrics	5.78500 V 100.0	GHz 0 kHz	•		#	Video BW 300	0.00 k	Hz		Sw	veep 2.9	Span 30 MH 3 ms (1001 pts	z)		
	Occup Transr x dB B	ied Ba mit Fre Bandwi	ndwidth 21.69 q Error dth	14 MHz	-9.382 kH: 15.13 MH:	z		Total % of x dB	Power OBW Powe	r	16 9 -6	.2 dBm 9.00 % 6.00 dB			
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Plot 9-26. 6-dB Bandwidth Chain A 802.11a (Ch. 157)



Plot 9-27. 6-dB Bandwidth Chain A 802.11a (Ch. 165)



9.3.5.2 Chain A 802.11n HT20 6-dB Bandwidth

Chain A 802.11n HT20 6-dB Bandwidth							
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)					
149	5745	15.14					
157	5785	15.13					
165	5825	15.13					



Plot 9-10. 6-dB Bandwidth Chain A 802.11n HT20 (Ch. 149)



Spectrur Occupie	n Analy d BW	zer 1	•	+											Trace	- * 影
KEYSI	IGHT	Input: F Couplir Align: A	RF ng: AC Auto	Input Z Correct Freq R	: 50 Ω tions: On ef: Int (S)	Atten: 30 dB Preamp: Off		Trig: F Gate: #IF Ga	ree Run Off ain: Low	Center Freq Avg Hold:>1 Radio Std: N	: 5.7850 0/10 None	00000) GHz	Trace T	Туре ar / Write	Trace Control
1 Graph			•			Ref Lvl Offse	t 0.42	dB						Tra	ce Average	Detector
Scale/D	iv 5.0 d	в				Ref Value 10.	03 dE	sm								
Log														• Ma	x Hold	
0.030				Anna	mond	mandan	pert	home	untimation	Annal				Mir	n Hold	
-9.97							V				1			Res	tart Max Hold	
-20.0		- Andred	NMN								henry	مالم	PEAK			
-25.0 🚧	M. M. M. M. M.	P P P P											. MAARAAA			
-30.0																
Center 5	5.78500	GHz	Ļ		#	Video BW 3	00.00	kHz				S	oan 30 MHz			
#Res BV	N 100.0	0 kHz								Sw	eep 2.	93 ms	s (1001 pts)			
2 Metrics			•													
	Occup	ied Ba	ndwidth													
	Cocup		21.4	28 MHz				Total	Power		1(6.0 dB	ßm			
	Transr	nit Fre	q Error		-66.016 k⊦	Iz		% of	OBW Powe	r	1	99.00	%			
	x dB E	andwi	dth		15.13 MF	łz		x dB				6.00 (dΒ			
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Plot 9-29. 6-dB Bandwidth Chain A 802.11n HT20 (Ch. 157)



Plot 9-30. 6-dB Bandwidth Chain A 802.11n HT20 (Ch. 165)



9.4 Maximum Conducted Output Power

9.4.1 **Test Requirement:**

FCC CFR 47 Rule Part 15.407 (a) ISED RSS-247 [6.2]

9.4.2 Test Method:

Measurements were performed according to the procedures defined in KDBs 789033- General UNII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01, and ANSI C63.10 2013.

Spectrum Analyzer settings:

Average Power:

RBW= 1 MHz VBW= 3 MHz Detector = RMS Trace Mode= Average over 100 traces Sweep time= Auto Sweep Point ≥ 2*Span/RBW

Span= large enough to encompass the 26-dB Emission Bandwidth or alternatively the 99% Occupied Bandwidth.

Use the band power measurement function to integrate the power over the 26-dB Emission Bandwidth or 99% Occupied Bandwidth.

9.4.3 Limits:

15.407: The maximum conducted output power shall not exceed the limits given the following table for antennas that do not exceed a directional gain > 6dBi:

Band of Operation (MHz)	15.407 Limit
5150 - 5250	24 dBm
5250 - 5350	24dBm or 11 dBm + 10 log (B) ⁽¹⁾
5470 – 5725	24dBm or 11 dBm + 10 log (B) ⁽¹⁾
5725 - 5825	30 dBm

Note(1): B is the 26-dB Emission bandwidth of signal in MHz.

RSS-247: The maximum conducted output power and/or EIRP shall not exceed the limits given the following table:

Band of Operation (MHz)	RSS-247 Conducted Output Power Limit	RSS-247 E.I.R.P Limit			
5150 – 5250		23 dBm or 10 + 10 log (B) ⁽¹⁾			
5250 - 5350	24 dBm or 11 + 10 log (B) ⁽¹⁾	30 dBm or 17 + 10 log (B) ⁽¹⁾			
5470 – 5725	24 dBm or 11 + 10 log (B) ⁽¹⁾	30 dBm or 17 + 10 log (B) ⁽¹⁾			
5725 – 5825	30 dBm				

Note(1): B is the 99% Occupied Bandwidth of the signal in MHz.



9.4.4 **Test Results:**

Pass. See Section 9.5.5 for test data.



9.5 **Power Spectral Density**

9.5.1 Test Requirement:

FCC CFR 47 Rule Part 15.407 (a) ISED RSS-247 [6.2]

9.5.2 Test Method:

Measurements were performed according to the procedures defined in KDBs 789033- General UNII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01, and ANSI C63.10 2013.

Spectrum Analyzer settings for devices operating in the bands 5.15 – 5.25 GHz, 5.25 – 5.35GHz, and 5.47 – 5.725GHz:

RBW= 1 MHz VBW= 3 MHz Detector = RMS Trace Mode= Average over 100 traces Sweep time= Auto Sweep Point ≥ 2*Span/RBW Span= large enough to encompass the 26-dB Emission Bandwidth or alternatively the 99% Occupied Bandwidth. Use the peak marker function to identify the Maximum Power Spectral Density

Spectrum Analyzer settings for devices operating in the bands 5.725 – 5.85 GHz:

RBW= 100 kHz VBW= 300 kHz Detector = RMS Trace Mode= Average over 100 traces Sweep time= Auto Sweep Point ≥ 2*Span/RBW Span= large enough to encompass the 26-dB Emission Bandwidth or alternatively the 99%

Occupied Bandwidth. Use the peak marker function to identify the Maximum Power Spectral Density

Offset is added if measurements are performed using a reduced resolution bandwidth 100 kHz, add 10* log (500KHz/RBW USED) to the measured result.