7.5. CONDUCTED BANDEDGE AND SPURIOUS EMISSIONS

LIMITS

	FCC Part15 (15.247) Subpart C RSS-247 ISSUE 2								
Section	Test Item	Limit							
FCC §15.247 (d) RSS-247 5.5	Conducted Bandedge and Spurious Emissions	at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power							

Notes: display line is placed at -20dBc but all emissions outside of the band meet the -30dBc limit.

TEST PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

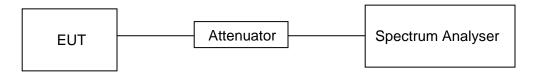
Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	100K
VBW	≥3 × RBW
Span	1.5 x DTS bandwidth
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum PSD level.

Span	Set the center frequency and span to encompass frequency range to be measured
Detector	Peak
RBW	100K
VBW	≥3 × RBW
measurement points	≥span/RBW
Trace	Max hold
Sweep time	Auto couple.

Use the peak marker function to determine the maximum amplitude level.

TEST SETUP



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RESULTS

Note: Output power was set to the maximum power per chain (SISO mode power) but with all chains operating to cover SISO, 2x and 3x modes.

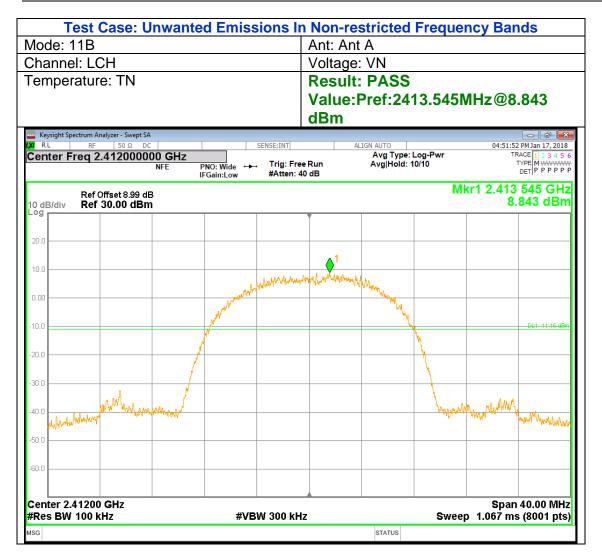
7.5.1. 802.11b 3TX MODE

Low Channel

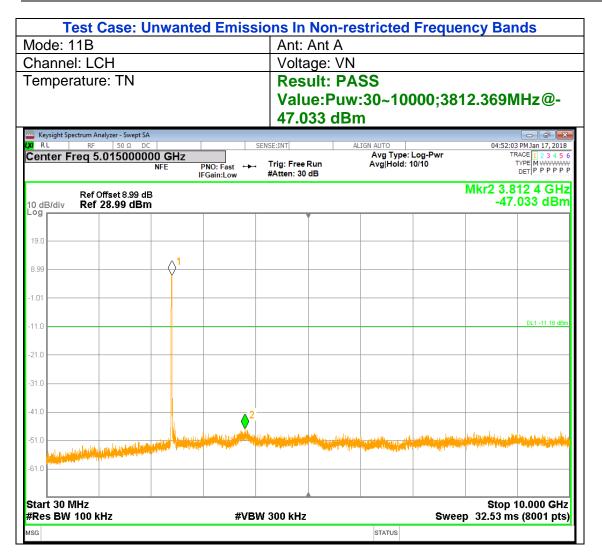


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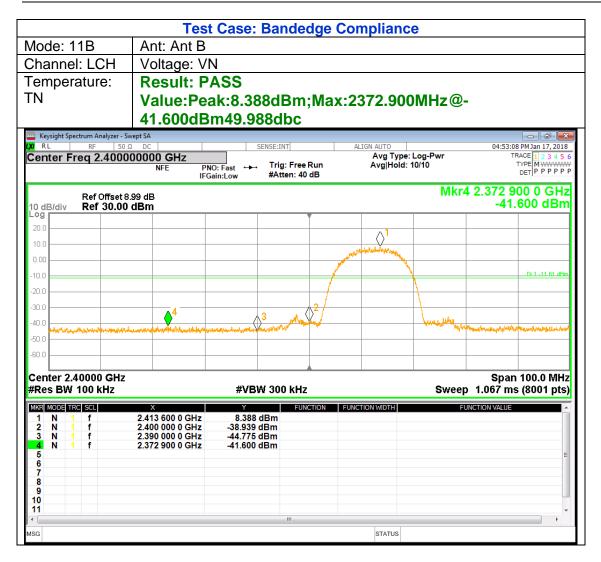
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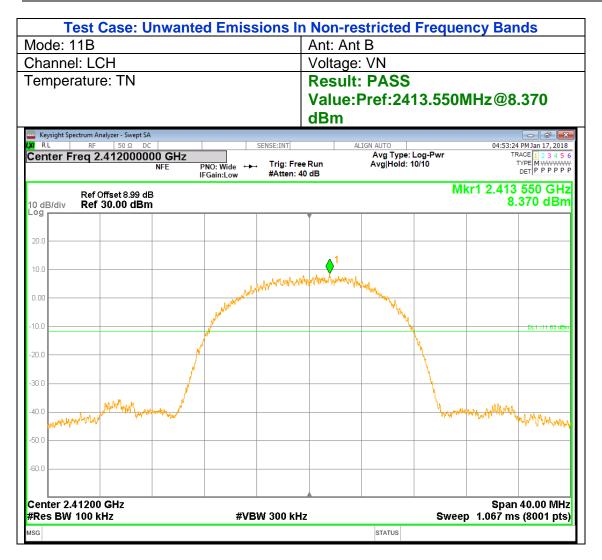
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Т	est Case: U	Inwante	d Emiss	sions In	Non-re	stricted	Freque	ncy Bar	nds
Mode: '	11B		A	nt: Ant A	١				
Channe	el: LCH		V	oltage: \	/N				
Tempe	rature: TN		R	esult: I	PASS				
-			V	alue:Pu		00~260	00:255	04.000N	ЛНz@-
				4.381 d			,		
	pectrum Analyzer - Swept SA								
Center F	RF 50 Ω DC			SENSE:INT	A	Avg Type:	Log-Pwr		A PM Jan 17, 2018 RACE 1 2 3 4 5 6
o on tor 1	100 10.000000	NFE F	NO: Fast ++	 Trig: Free #Atten: 30 		Avg Hold:	10/10	1	DET PPPPP
10 dB/div	Ref Offset 8.99 dB Ref 28.99 dBm								.504 GHz 381 dBm
Log				`					
19.0									
8.99									
-1.01									
-11.0									DL1 -11.16 dBm
-21.0									
-31.0									
-41.0									1
							and a column	ويطلقه فافاقه الممريق ومرا	والمحادث وخاداته والمراد
-51.0			linte di la contra de la factoria. Anna di mana di Antonia de Santa					and the summing of the line of the local sector of the local secto	and the system of the line of the second
-61.0									
-01.0									
Start 10.0 #Res BW			#VB	W 300 kHz			Swee		26.000 GHz s (8001 pts)
MSG						STATUS			

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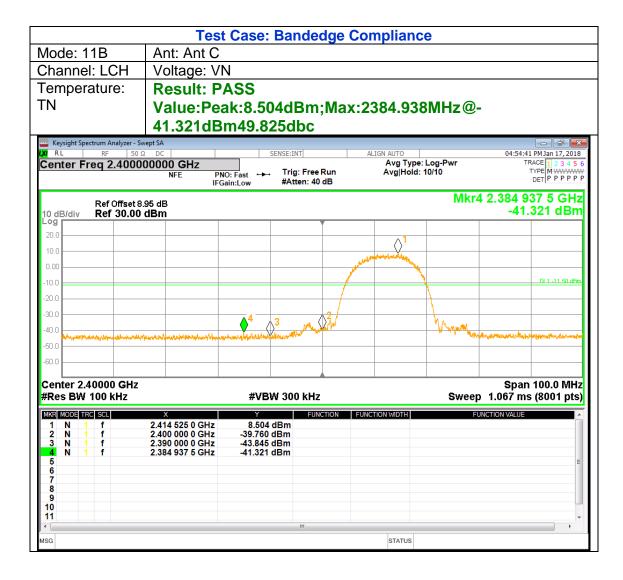
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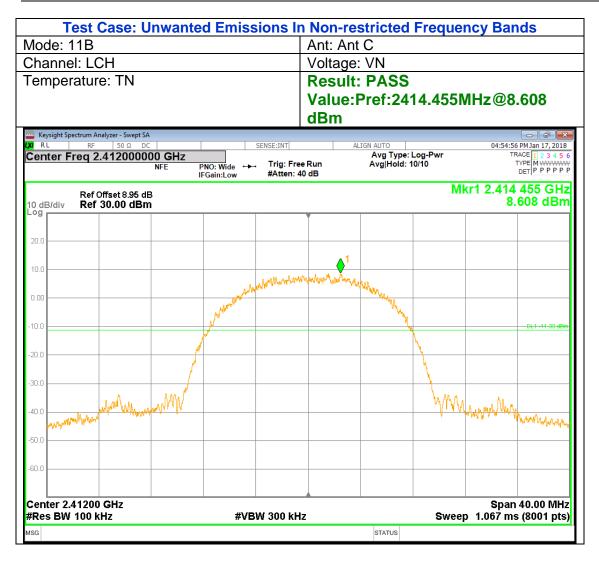
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Test Case	Unwanter	Emissio	ns In Non-r	estricted Fr	equency B	ands
Mode: 11B			Ant B			undo
Channel: LCH			age: VN			
	1		sult: PASS			
Temperature: TN	N				05000.00	
				000~26000	;25860.00	UNIHZ@-
-		44.0	011 dBm			
		CENC	E:INT	ALIGN AUTO	04-5	
Center Freq 18.000				Avg Type: Log-		TRACE 1 2 3 4 5 6
			Trig: Free Run Atten: 30 dB	Avg Hold: 10/10		DET PPPPP
Ref Offset 8. 10 dB/div Ref 28.99						25.860 GH <mark>z</mark> 44.011 dBm
Log			Y			
19.0						
19.0						
8.99						
-1.01						
						DL1 -11.63 dBm
-11.0						DET-TLOS GDIT
-21.0						
-31.0						
						1
-41.0						
-51.0	in the straight	and a half of the part of the second	and the second second second		والمراجع والزائدة والمارد والمراجع	
All of the bar Mark (Sector a plane of the sector of any finder to		a dia mandria dia mandria dia mandria dia dia dia dia dia dia dia dia dia d		and the second s		
-61.0						
Start 10.000 GHz #Res BW 100 kHz		#VBW :	800 kHz	<u> </u>	Sto Sweep 52.27	p 26.000 GHz ms (8001 pts)
MSG				STATUS		

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Т	est Case: U	nwante	d Emis	sions In	Non-res	stricted	Freque	ncy Bar	nds
Mode: 1	1B		ŀ	Ant: Ant C)				
Channe	I: LCH		١	/oltage: \	/N				
Temper	ature: TN		F	Result:	PASS				
			1	/alue:P	uw:100	00~260	00;256 [°]	74.000N	∕IHz@-
			4	l3.510 d	Bm				
	ectrum Analyzer - Swept SA			asuas tur					
	RF 50 Ω DC			SENSE:INT		Avg Type:		TF	7 PM Jan 17, 2018 RACE 1 2 3 4 5 6
			NO: Fast ↔ Gain:Low	Trig: Free #Atten: 30		Avg Hold: 1	10/10		DET PPPPP
10 dB/div	Ref Offset 8.95 dB Ref 28.95 dBm								.674 GHz .510 dBm
Log					Ť				
19.0									
8.95									
-1.05									
-11.1									DL1 -11.39 dBm
-21.1									
-31.1									
-41.1									_1
							he what		and an end of the last
-51.1			a digina da basa ya da bagina ya				dina di 1971 per 1975 di Salah Manangkan di Salah Sa		
	and the second stability								
-61.1									
Start 10.0 #Res BW			#V	BW 300 kHz			Swee		26.000 GHz s (8001 pts)
MSG						STATUS			

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Middle Channel

lode: 11B			Ant: A	Ant: Ant A					
hannel: MCH			Voltag	Itage: VN					
emperature: TN				ilt: PASS e:Pref:243	4.485M	Hz@9.	442		
Keysight Spectrum Analyzer - Swept									
RL RF 50 Ω Senter Freq 2.437000		SENS	SE:INT	ALIGN AUTO Avg Type: L	og-Pwr		PM Jan 17, 2018 ACE 1 2 3 4 5		
enter Freq 2.437000	NFE PNO		Trig: Free Run ≉Atten: 40 dB	Avg Hold: 10		т	YPE MWWWW DET P P P P P		
Ref Offset 8.99 D dB/div Ref 30.00 dE					Mk	r1 2.434 9.4	485 GHz 442 dBm		
og									
20.0									
			1						
0.0		In Mary	when which the second	Unim					
.00		Mahr							
	J	d		here and h			DL1 -10.56 dBm		
0.0									
20.0	/				1				
					×				
30.0					- \				
10.0	ahomine				hand	MM			
What when the second se	en el Minister				WWW TO BE	Mechanic Bl	www.www.www.ww		
50.0									
50.0									
enter 2.43700 GHz						Snap	40.00 MHz		
Res BW 100 kHz		#VBW :	300 kHz		Sweep		(8001 pts)		

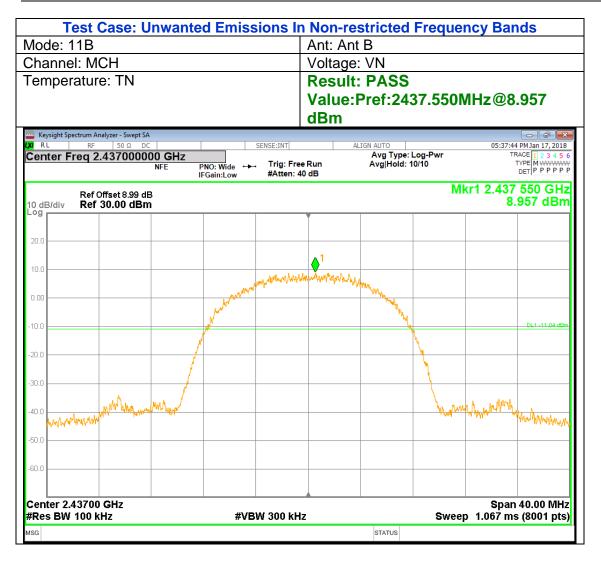
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Т	est Case: U	nwante	d Emissi	ions In	Non-res	stricted	Freque	ncy Bar	าds
Mode: 1	1B			Ant:	Ant A				
Channe	I: MCH			Volta	ige: VN				
Temper	ature: TN			Res	ult: PA	SS			
•				Valu	e:Puw	:30~100	000:363	86.648N	/Hz@-
					72 dBn		,		
	ectrum Analyzer - Swept SA								
(X) RL	RF 50 Ω DC reg 5.0150000		S	ENSE:INT	AL	IGN AUTO Avg Type:	og-Pwr		9 PM Jan 17, 2018 RACE 1 2 3 4 5 6
	1eq 3.0130000	NFE F	NO: Fast	Trig: Free F #Atten: 30		Avg Hold: 1			DET P P P P P
10 dB/div	Ref Offset 8.99 dE Ref 28.99 dBm	3							36 6 GHz .072 dBm
Log					(
19.0									
8.99		\1							
-1.01									
-11.0									DL1 -10.56 dBm
-21.0									
-31.0									
-41.0			2						
-51.0									rida, platila, piter. Playanna anna anna
-61.0		alantia in the second							
Start 30 M	лн ₇							Ston	10.000 GHz
#Res BW			#VBV	V 300 kHz			Swee		s (8001 pts)
MSG						STATUS			

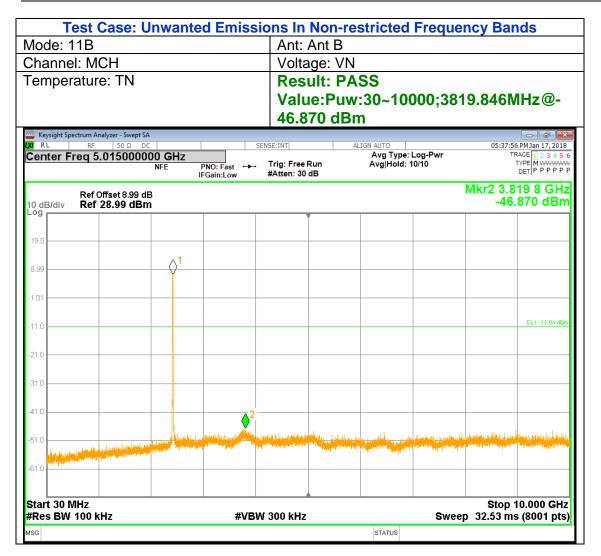
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Test Ca	ase: Unwant	ed Emiss	ions In N	lon-res	tricted	Freque	ncy Ban	de
Mode: 11B			nt: Ant A			ricque	loy Dan	
Channel: MCI				.1				
			oltage: VN					
Temperature:	IN		esult: P/					
		V	alue:Puv	<i>w</i> :1000	0~260	00;2594	40.000N	/Hz@-
		4	4.105 dB	m				
E Keysight Spectrum Analyz								
Center Freg 18.			SENSE:INT	ALI	GN AUTO Avg Type: I	og-Pwr		PM Jan 17, 2018 ACE 1 2 3 4 5 6
Center Freq 18.0	NFE	PNO: Fast ++-	. Trig: Free Ru #Atten: 30 dB		Avg Hold: 1		1	TYPE M WWWWW DET P P P P P P
	set 8.99 dB 8.99 dBm						Mkr1 25. -44.	.940 GHz 105 dBm
Log								
19.0								
8.99								
-1.01								
								DL1 -10.56 dBm
-11.0								DET TOICO GEN
-21.0								
-31.0								
-41.0								1
al an ir ir	ti the said	s. a lide to it	and the state of the state of the	u u david distri	na dhacharta an Abhadha	an a		ent blennet film
-51.0		The second s		and of plant from the	and the print of the statistical states in the states of t	and the second	. M. M	AND THE REAL PROPERTY AND A DESCRIPTION
-61.0								
Start 10.000 GHz #Res BW 100 kHz	2	#VB	W 300 kHz			Sweep	Stop 2 5 52.27 ms	6.000 GHz (8001 pts)
MSG					STATUS			

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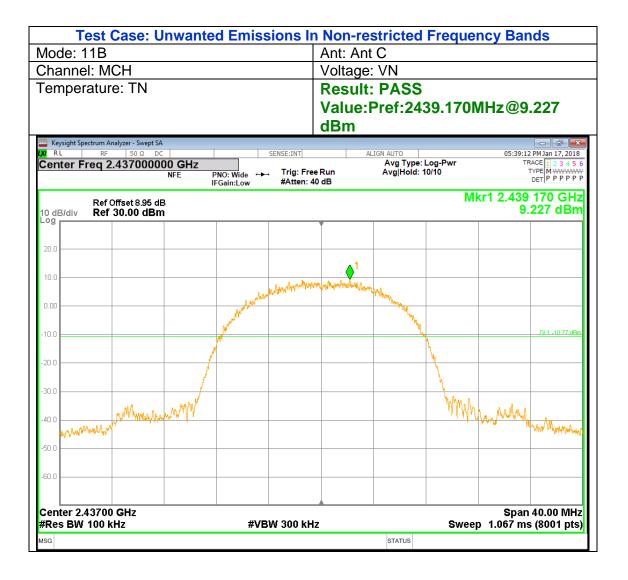
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Т	est Case: U	nwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Bar	nds
Mode: '	11B		A	nt: Ant B					
Channe	el: MCH		V	oltage: \	/N				
Temper	rature: TN		R	esult: F	PASS				
			V	alue:Pu	.w:100	00~260	00;256 [,]	18.000	∕IHz@-
				4.536 d					
	pectrum Analyzer - Swept SA			1	1				
Center F	RF 50 Ω DC			SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr		5 PM Jan 17, 2018 RACE 1 2 3 4 5 6
Conter 1	10000000	NFE F	NO: Fast	. Trig: Free I #Atten: 30		Avg Hold: 1			DET PPPPP
10 dB/div	Ref Offset 8.99 dB Ref 28.99 dBm								.618 GHz 536 dBm
Log									
19.0									
8.99									
-1.01									
-11.0									DL1 -11.04 dBm
-11.0									
-21.0									
-31.0									
-51.0									
-41.0									↓
51.0 Lubula	here a define a ta a fas sa	. the demonstrate	in dia dia mandria dia 1919	and the second second	والمقول المتعاوم الم	a photophics and the	and the advantage		
on or other	a better based on the state of the based of the	the state of the second st	ing pitch and a lotter	and the second state of the second		al na a dan sa sa tun sa tun sa tu	The second s		
-61.0									
Start 10.0 #Res BW			#VB	W 300 kHz			Sweep		26.000 GHz s (8001 pts)
MSG						STATUS			

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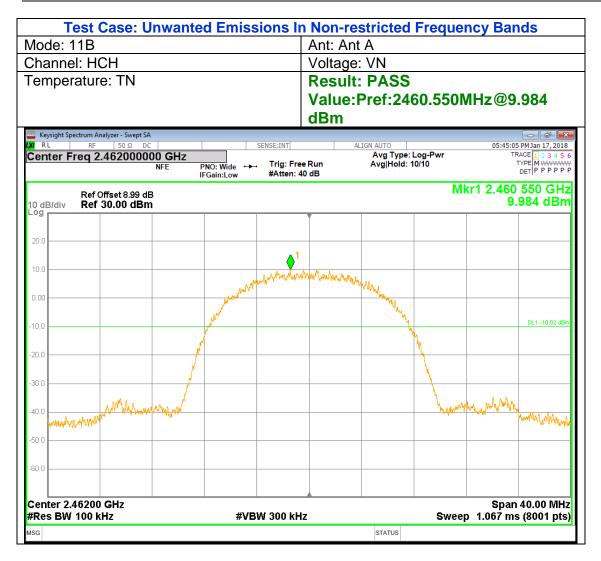
Т	est Case: U	Inwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Bar	nds
Mode: 1	11B		A	nt: Ant C)				
Channe	el: MCH		V	oltage: \	/N				
Temper	rature: TN			esult: I					
•			V	alue:Pi	JW:100	00~260	00;258	26.000	/Hz@-
				4.388 d			,		-
	ectrum Analyzer - Swept SA								
(X) RL Center F	RF 50 Ω DC			SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr		ACE 1 2 3 4 5 6
Center I	10.000000	NFE F	NO: Fast	Trig: Free #Atten: 30		Avg Hold:			DET P P P P P
10 dB/div	Ref Offset 8.95 dl Ref 28.95 dBn	3							.826 GHz 388 dBm
Log									
19.0									
8.95									
-1.05									
-11.1									DL1 -10.77 dBm
-11.1									
-21.1									
24.4									
-31.1									
-41.1									\
Northly a	anta la construcción de la constru	and a tile at a	us II sa com	بالبنا الا		ومطالب المالية الطروب			
-51.1		all said and a second strain of the			all the large to the second	National States	معالمانا بالرجيز وتنفيتها والمتشمس ال	t de sans, es provad des débuils de la derifie	and the fight second law
-61.1									
Start 10.0 #Res BW		1	#VB	W 300 kHz			Swee		26.000 GHz s (8001 pts)
MSG						STATUS			

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High Channel

	Test	Case: Bande	edge C	ompliance	
Mode: 11B	Ant: Ant A				
Channel: HCH	Voltage: VN	J			
Temperature:	Result: PA	ASS			
TN	Value:Pea	k:9.994dBn	:Max:	2495.688MHz	@ -
		n51.469dbc	,		<u> </u>
🔤 Keysight Spectrum Analyzer -					
X RL RF 50 Center Freq 2.483	NFE PNC	SENSE:INT): Fast ↔ Trig: Fre in:Low #Atten: 4		ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	05:44:49 PM Jan 17, 20: TRACE 1 2 3 4 5 TYPE M WWWW DET P P P P
Ref Offset 10 dB/div Ref 30.00	8.99 dB			М	kr4 2.495 687 5 GH -41.475 dBi
20.0					
10.0					
0.00	and the formation of the second second	May -			
-10.0		<u>\</u>			DL1 -10.01 dB
-20.0					
-30.0		\		4	
-40.0	hummud	when with any man			white white a construction of a second decision
-50.0					and a share and a radius of a single statement of the single statement
-60.0					
Center 2.48350 GHz #Res BW 100 kHz	:	#VBW 300 kH	z	Swe	Span 100.0 MH eep 1.067 ms (8001 pt
MKR MODE TRC SCL	x 2.460 612 5 GHz	Y FL 9.994 dBm	NCTION F	UNCTION WIDTH	FUNCTION VALUE
2 N 1 f 3 N 1 f	2.483 500 0 GHz 2.500 000 0 GHz	-43.153 dBm -44.409 dBm			
4 N 1 f	2.495 687 5 GHz	-41.475 dBm			
6 7					
8					
9 10					
11					•
MSG				STATUS	

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Т	est Case: U	nwante	d Emiss	ions In	Non-res	stricted	Freque	ncy Bar	nds		
Mode: 1	11B			Ant: /	Ant: Ant A						
Channe	el: HCH			Volta	Voltage: VN						
Temper	rature: TN			Resi	ult: PA	SS					
-				Valu	e:Puw	:30~10	000;375	5.041N	IHz@-		
					49 dBn		,		-		
	ectrum Analyzer - Swept SA										
Center F	RF 50 Ω DC		9	ENSE:INT	AL	IGN AUTO Avg Type:	Loa-Pwr		6 PM Jan 17, 2018 RACE 1 2 3 4 5 6		
Center I	100 0.0 100000	NFE	PNO: Fast +++	Trig: Free F #Atten: 30 d		Avg Hold:		-	DET P P P P P		
	Ref Offset 8.99 dE		Guineen						55 0 GHz		
10 dB/div Log	Ref 28.99 dBm							-47.	.249 dBm		
LUg											
19.0											
		1									
8.99		- Y									
-1.01											
-11.0									DL1 -10.02 dBm		
-21.0											
-31.0											
-41.0			<u>2</u>								
				المراجع والمراجع	and a trace			and constants of a	alessa is na		
-51.0							a sector a s				
-61.0	TABLE SHEETS FOR A LOCAL STREET, SAN THE S										
Start 30 M								Stop 1	10.000 GHz		
#Res BW			#VB۱	N 300 kHz			Sweep		s (8001 pts)		
MSG						STATUS					

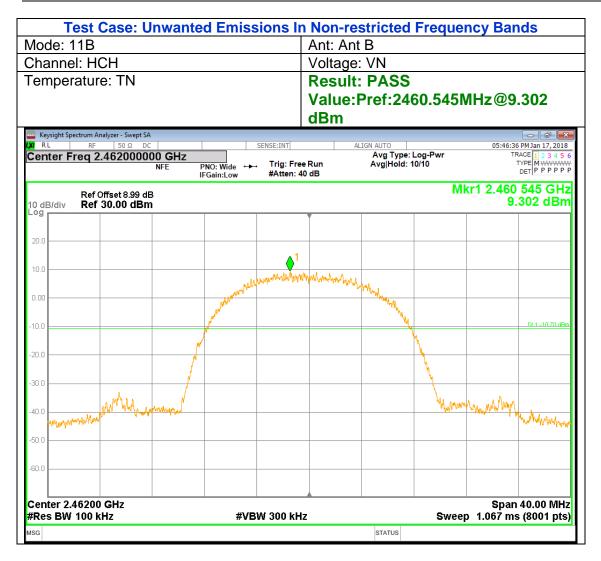
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Teat Cases I	In the start of The	lealana In I			Done					
	Jowanted Em		Non-restricted	a Freque	псу вапо	JS				
Mode: 11B		Ant: Ant A								
Channel: HCH		Voltage: V	Voltage: VN							
Temperature: TN		Result: P	ASS							
·			w:10000~26	000:2593	36.000M	Hz@-				
		44.687 dE		,						
Keysight Spectrum Analyzer - Swept S	Δ	44.007 di	5111							
	C	SENSE:INT	ALIGN AUTO		05:45:25 P	M Jan 17, 2018				
Center Freq 18.00000	NFE PNO: Fast	斗 Trig: Free R		e: Log-Pwr : 10/10	TY	CE 1 2 3 4 5 6 PE M WWWW				
	IFGain:Low		В			ETPPPPP				
Ref Offset 8.99 d 10 dB/div Ref 28.99 dBr					Mkr1 25.9 -44.6	936 GHz 87 dBm				
Log										
19.0										
8.99										
-1.01										
44.0						DL1 -10.02 dBm				
-11.0										
-21.0										
-31.0										
						1.				
-41.0					L I					
-51.0 And the left of the second seco	and the state of the second sector in the second	neal and an and the fact of the		de adamenti estatual e						
	al dan da	i de al de la compañía (18) (de la de l	ويبهر بمرايا يتبين فيظفر المريد بمرتمين وللظ	condid (1, 20)						
-61.0										
Start 10.000 GHz #Res BW 100 kHz	<u> </u>	#VBW 300 kHz		Sweer	Stop 26 52.27 ms	5.000 GHz (8001 pts)				
MSG			STATUS			<u> </u>				

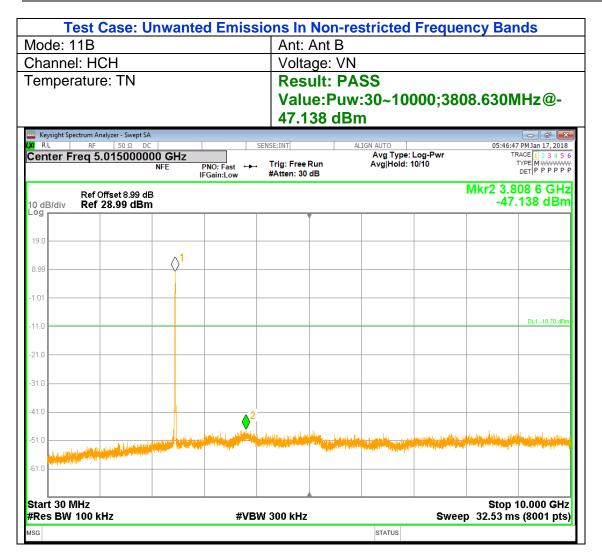
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	Test Ca	se: Bande	dge Con	npliance		
Mode: 11B	Ant: Ant B					
Channel: HCH	Voltage: VN					
Temperature:	Result: PAS	s				
TN	Value:Peak:	-	·Max·24	198 363M	H7 <i>@</i> _	
	41.614dBm5		, WIAN. 27	-30.303IVI		
Keysight Spectrum Analyzer - Sw		0.054000				
LX/ RL RF 50 Ω	DC	SENSE:INT	AL	IGN AUTO	_	05:46:21 PM Jan 17, 2018
Center Freq 2.48350	NFE PNO: Fas IFGain:Lo			Avg Type: Log- Avg Hold: 10/10		TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P
Ref Offset 8.					Mkr4 2.4	98 362 5 GHz -41.614 dBm
10 dB/div Ref 30.00	dBm					-41.014 UBII
20.0						
10.0	a lostinited alight dealer to					
0.00						
-10.0		\				DL1 -10.78 dBm
-20.0		<u> </u>				
-30.0			0	4		
-40.0	have	- Warner My			Ware Mal Mr. Specification	and the state of the second state of the second
-50.0			and the distribution of the standard		a manifelter under die find der finden einen	and a standard for a
-60.0						
Center 2.48350 GHz #Res BW 100 kHz		#VBW 300 kHz			Sweep 1.0	Span 100.0 MHz 67 ms (8001 pts)
MKR MODE TRC SCL	× 2.461 287 5 GHz	Y FUN 9.220 dBm	CTION FUNCT	TION WIDTH	FUNCTIO	
2 N 1 f	2.483 500 0 GHz -4	3.982 dBm				
3 N 1 f 4 N 1 f		l4.070 dBm l1.614 dBm				
5 6						E
7 8						
9						
10 11						
		III		1 1		4
MSG				STATUS		

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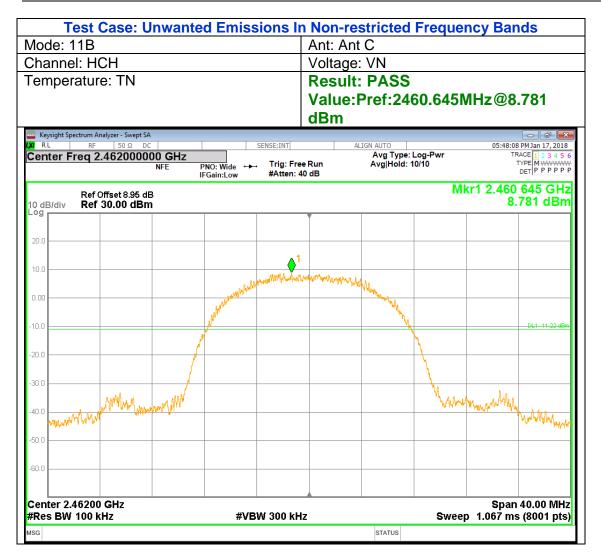
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Т	est Case: L	Inwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Ban	ds			
Mode: '	11B		A	Ant: Ant B								
Channe	el: HCH		V	Voltage: VN								
Temper	rature: TN		R	lesult: l	PASS							
			V	alue:Pu	uw:100	00~260	00;255	56.000N	/Hz@-			
				4.028 d			·					
	pectrum Analyzer - Swept S/											
Center F	RF 50 Ω D			SENSE:INT		IGN AUTO Avg Type:		TR	PM Jan 17, 2018 ACE 1 2 3 4 5 6			
	10000000	NFE	PNO: Fast ++-	Trig: Free #Atten: 30		Avg Hold: 1	10/10	T	DET P P P P P			
10 dB/div	Ref Offset 8.99 d Ref 28.99 dBn								.556 GHz 028 dBm			
Log												
19.0												
8.99												
-1.01												
-11.0									DL1 -10.70 dBm			
-21.0												
-31.0												
-41.0									1			
-41.0									والمتعادية والمراجع			
-51.0		and the second second				passarili, daplici da da Sena della consecta in fisia		a standard a standard birdina	and the second			
-61.0												
Start 10.0 #Res BW			#VB	SW 300 kHz			Swee		26.000 GHz 5 (8001 pts)			
MSG						STATUS						

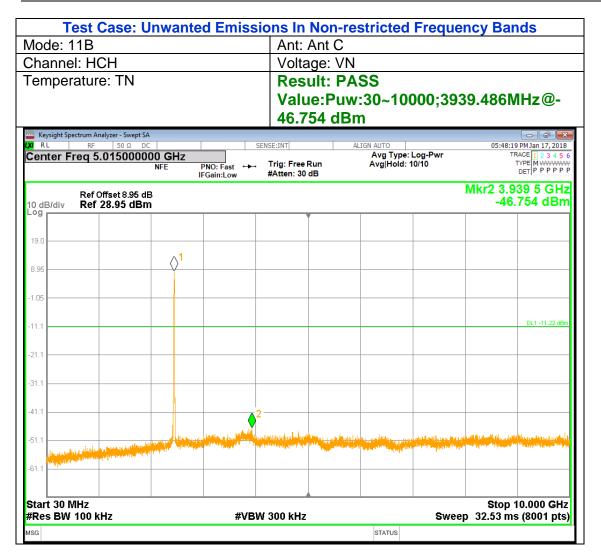
Page 116 of 316

	Test	Case: Band	ledge Co	mpliance	•						
lode:	Ant: Ant C										
1N20MIMO											
hannel: HCH	Voltage: VN										
emperature:	Result: PASS										
Ν	Value:Peak:9.096dBm;Max:2488.775MHz@-										
		n50.579db		400.775							
Keysight Spectrum Analyzer - Sw		100.01 505	<u> </u>								
RL RF 50 Ω		SENSE:INT		ALIGN AUTO	e e Due		PM Jan 17, 2018				
Center Freq 2.48350	NFE PNC	:Fast ⊶⊶ Trig:F in:Low #Atten:	ree Run : 40 dB	Avg Type: I Avg Hold: 1		1	ACE 1 2 3 4 5 TYPE M WWWW DET P P P P P				
Ref Offset 8.					Mkr4	2.488 7	75 0 GHz 483 dBm				
0 dB/div Ref 30.00	dBm										
20.0											
10.0											
0.00		Nhange									
10.0		<u> </u>					DL1 -10.90 dBm				
20.0											
30.0											
40.0		When what	2^2 . ♦ ¯	$\langle \rangle^3$							
40.0			*****	*******************	www.water	with the high states	herioren antalmakatik				
60.0											
Center 2.48350 GHz #Res BW 100 kHz		#VBW 300 k	Hz		Sweep	Span 1.067 ms	100.0 MHz (8001 pts)				
MKR MODE TRC SCL	X		FUNCTION FUN	CTION WIDTH	FL	INCTION VALUE	-				
1 N 1 f 2 N 1 f	2.461 625 0 GHz 2.483 500 0 GHz	9.096 dBm -44.120 dBm									
3 N 1 f 4 N 1 f	2.500 000 0 GHz 2.488 775 0 GHz	-43.137 dBm -41.483 dBm									
5	2.400 775 0 GHZ	-41.465 0.511					E				
6 7											
8											
10											
11											

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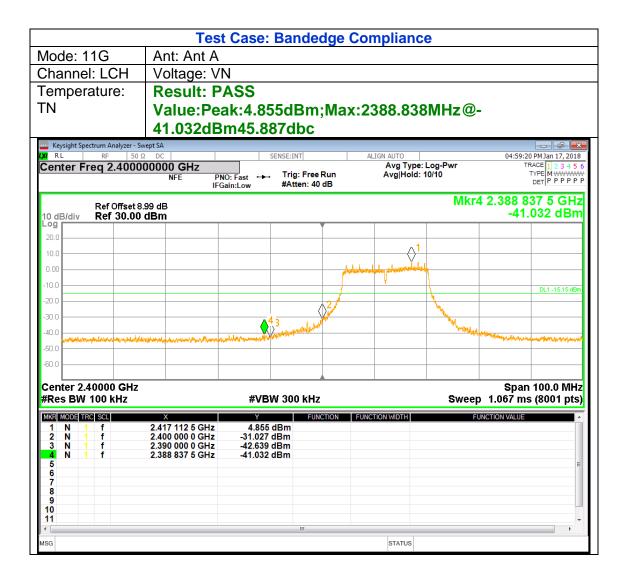
Page 119 of 316

Т	est Case	: Unwan	ted Emis	sions In	Non-res	stricted	Freque	ncy Bar	ds			
Mode: 1	11B		A	Ant: Ant C								
Channe	el: HCH		V	Voltage: VN								
Temper	rature: TN	J	F	Result: PASS								
			V	/alue:Pi	uw:100	00~260	00;257	22.000N	/Hz@-			
				4.176 d			,					
	ectrum Analyzer - Sw				1							
Center F	RF 50 Ω		,	SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr		PMJan 17, 2018 ACE 1 2 3 4 5 6			
Contor 1	100 10.0000	NFE	PNO: Fast ↔ IFGain:Low	Trig: Free #Atten: 30		Avg Hold:	10/10	1	DET P P P P P			
10 dB/div	Ref Offset 8.9 Ref 28.95 (.722 GHz 176 dBm			
Log												
19.0												
8.95												
-1.05												
									DL1 -11.22 dBm			
-11.1									DET 411.22 GDIT			
-21.1												
-31.1												
-41.1												
4 .1			will have a second	h Lange of the Loging		de la face de la constance de la		ومعالية والمراجع المراجع				
-51.1	and dad de die gesternen en die Aneren gescher gescheren		The strength of the second second			ingenerijnie, positierie		- AND I. , MAY ALL AND DESCRIPTION	a distant			
-61.1												
Start 10.0 #Res BW			#VE	300 kHz		1	Swee	Stop 2 p 52.27 ms	26.000 GHz 5 (8001 pts)			
MSG						STATUS						

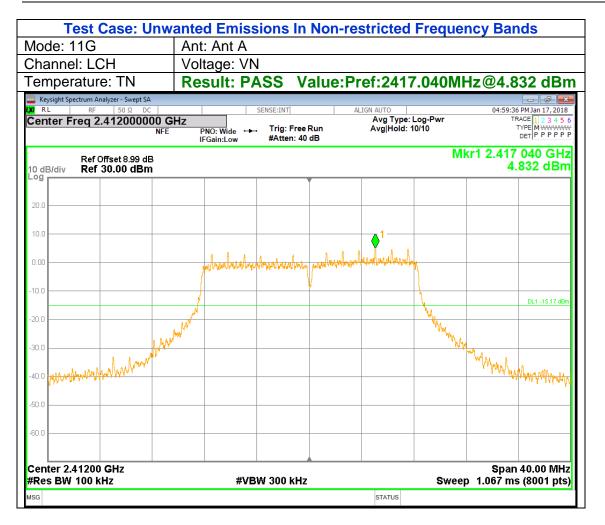
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7.5.2. 802.11g 3TX MODE

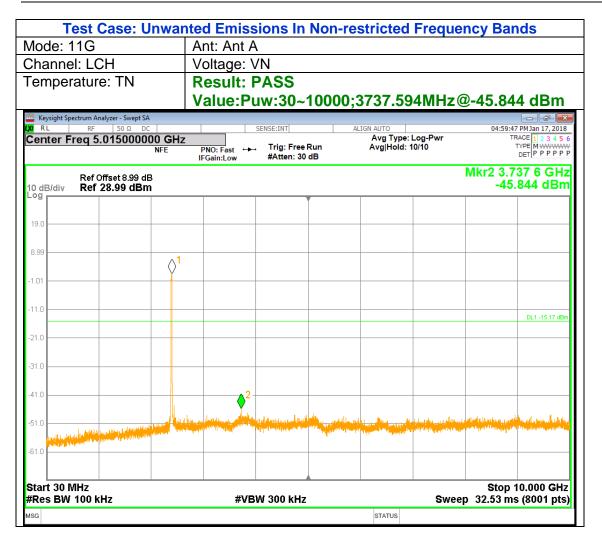
Low Channel



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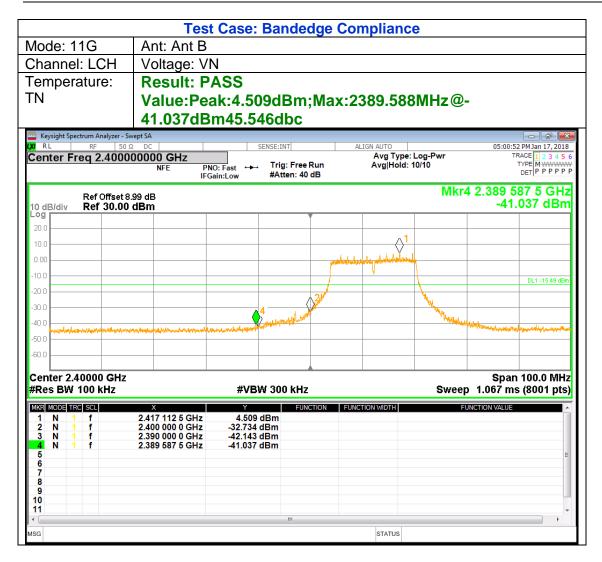


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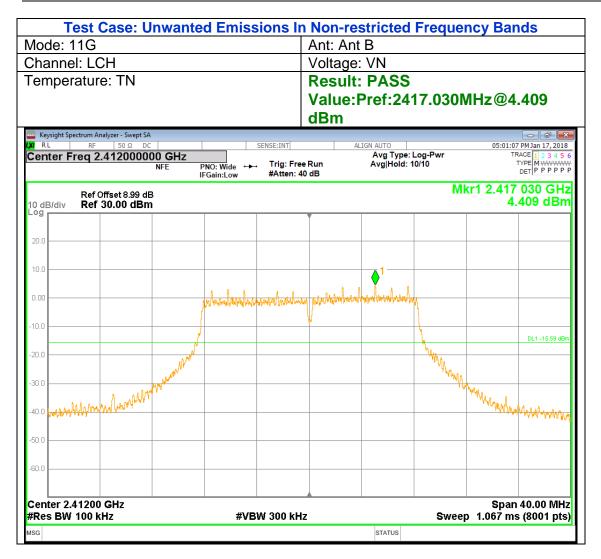


Т	est Case: U	Inwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Bar	ids
Mode: '	11G		A	nt: Ant A	4				
Channe	el: LCH		V	oltage: \	/N				
Tempe	rature: TN		R	esult: l	PASS				
			V	alue:Pi	uw:100	00~260	00;257	22.000N	∕IHz@-
				4.333 d					
	pectrum Analyzer - Swept SA				-	1			
Center F	RF 50 Ω DC			SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr	TF	6 PM Jan 17, 2018 RACE 1 2 3 4 5 6
	10000000	NFE F	NO: Fast ++- Gain:Low	. Trig: Free #Atten: 30		Avg Hold: 1	10/10	1	DET PPPPP
10 dB/div	Ref Offset 8.99 dB Ref 28.99 dBm								.722 GHz 333 dBm
Log									
19.0									
8.99									
-1.01									
-11.0									DL1 -15.17 dBm
-21.0									
-31.0									
-41.0									
					والمقتطب والمرار		n a tulan mataika	and the second data in the second	International Party of the
-51.0							and the second second	and a state of the	a half an tao an an an tao an tao an
-61.0									
Start 10.0 #Res BW			#VB	W 300 kHz			Swee	Stop 2 p 52.27 ms	26.000 GHz s (8001 pts)
MSG						STATUS			

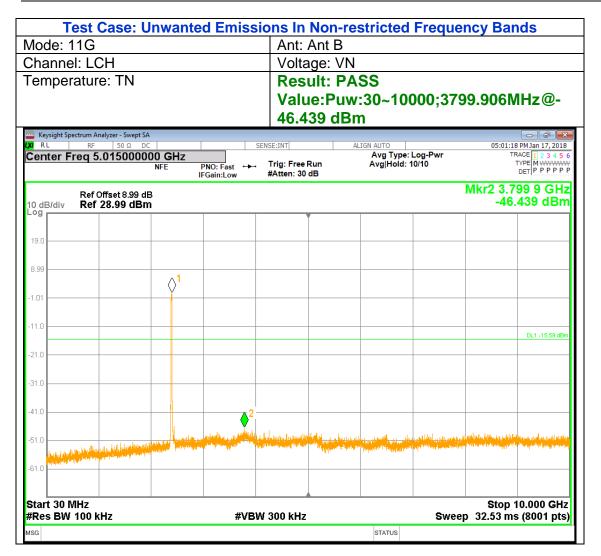
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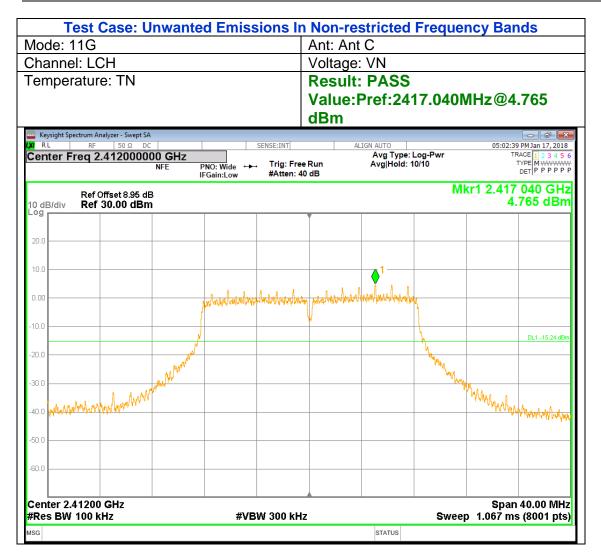
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Те	est Case: L	Inwante	ed Emis	sions In	Non-re	stricted	Freque	ncy Bar	ds
Mode: 1				nt: Ant E				-	
Channel	: LCH		V	/oltage: \	VN 🛛				
Tempera	ature: TN			Result:					
						00~260	00;2557	70.000	/Hz@-
				4.130 d					
	trum Analyzer - Swept S/	4							
LXI RL	RF 50 Ω D			SENSE:INT	AL	LIGN AUTO Avg Type:	Lon Dur		ACE 1 2 3 4 5 6
Center Fre	eq 18.000000	NFE	PNO: Fast ↔ IFGain:Low	_, Trig: Free #Atten: 30		Avg Hold:			
10 dB/div	Ref Offset 8.99 d Ref 28.99 dBn								.570 GHz 130 dBm
Log					Y				
19.0									
8.99									
-1.01									
-11.0									
									DL1 -15.59 dBm
-21.0									
-31.0									
-41.0									1
er o ullud skilation		الأستانية والشرار	n har detailerennen er.	المعديدة الم	an and an an individual		ويتأوا ويعتم والمساور وال		
-51.U			and the second second second second second			in all contributions and a similar pairs	in the second production		131-01-01-01
-61.0									
Start 10.00 #Res BW 1			#VE	300 kHz	:		Sweep		26.000 GHz 5 (8001 pts)
MSG						STATUS			

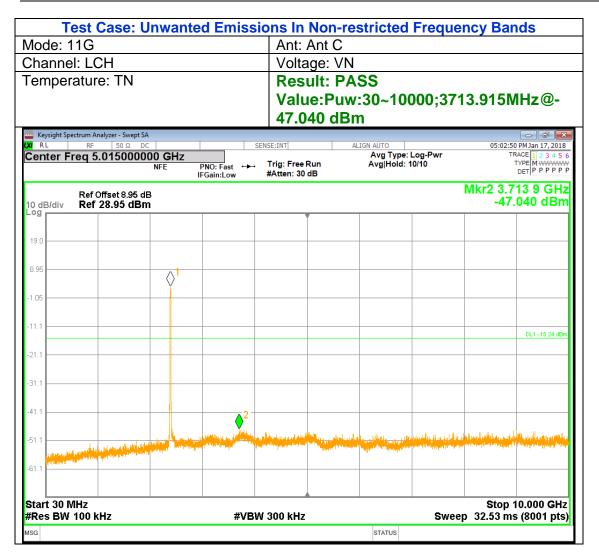
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	Test	Case: Banded	ge Complian	се	
Mode: 11G	Ant: Ant C				
Channel: LCH	Voltage: VN				
Temperature:	Result: PA	SS			
TN	Value:Pea	k:4.988dBm;N	lax:2389.91	3MHz@	-
		n44.950dbc			
🔤 Keysight Spectrum Analyzer - Sv					
Center Freq 2.4000		SENSE:INT	ALIGN AUTO	e: Log-Pwr	05:02:24 PM Jan 17, 201 TRACE 1 2 3 4 5
Center Fred 2.4000	NFE PNO	: Fast ↔ Trig: Free Ru n:Low #Atten: 40 dE	n Avg Hold		TYPE M WWW
Ref Offset 8 10 dB/div Ref 30.00				Mkr	4 2.389 912 5 GH -39.962 dBn
20.0		Y			
10.0				1	
0.00			- Alberton and all and		
-10.0					DL1 -15.01 dBr
-20.0					DE1 -15.01 db
-30.0		4	×	<u> </u>	
-40.0		and and and a set of the set of t		"Welnelinger	and the second and a present of the second o
-50.0	where the stand of	Annual and a second s			A second s
-60.0					
Center 2.40000 GHz #Res BW 100 kHz MKR MODE TRC SCL	×	#VBW 300 kHz	DN FUNCTION WIDTH		Span 100.0 MH p 1.067 ms (8001 pts unction value
1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 6 7	2.417 112 5 GHz 2.400 000 0 GHz 2.390 000 0 GHz 2.389 912 5 GHz	4.988 dBm -29.924 dBm -43.165 dBm -39.962 dBm			
8 9 10 11		III			
MSG			STATUS		

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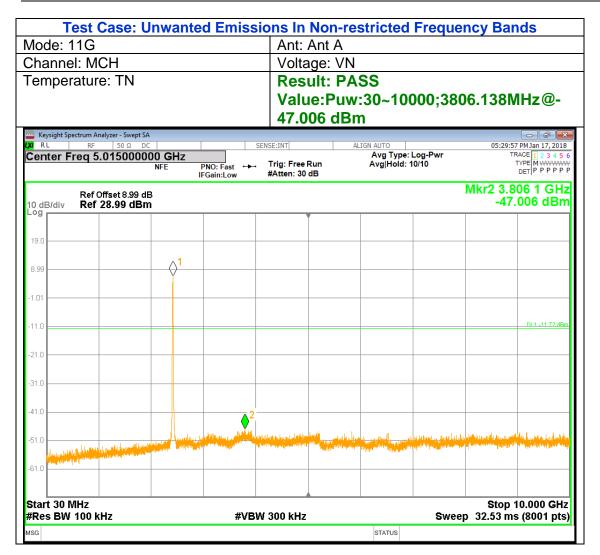
Test Case: I	Jnwanted Em	issions In	Non-re	stricted	Freque	ncy Ban	she
Mode: 11G		Ant: Ant (othotou	riequei	licy Dull	ao
Channel: LCH		Voltage: Y					
Temperature: TN		Result:					
		Value:P		00~260	00;2561	12.000N	/Hz@-
		44.156 c	Bm				
Keysight Spectrum Analyzer - Swept S/ K RL RF 50 Ω D		SENSE:INT		LIGN AUTO		05:02:01	PM Jan 17, 2018
Center Freq 18.000000				Avg Type:		TR	ACE 1 2 3 4 5 6
	NFE PNO: Fast IFGain:Low			Avg Hold: 1	0/10		DET P P P P P
Ref Offset 8.95 d							.612 GHz 156 dBm
10 dB/div Ref 28.95 dBn			•				
19.0							
8.95							
0.00							
-1.05							
-11.1							DL1 -15.24 dBm
-21.1							
-21.1							
-31.1							
							4
-41.1							∲' ∥
-51.1		or and the state of a sub-		hand the also areas	and Hills and M		
TO I. I. with the colling of the factor of the line of the state of th		the production of the second	La Al Martine Martine	and the second			
-61.1							
Start 10.000 GHz #Res BW 100 kHz		#VBW 300 kHz			Sweet	Stop 2 5 52.27 ms	26.000 GHz 5 (8001 pts)
MSG				STATUS			

Page 132 of 316

Middle Channel

Node: 11G			In Non-restricted Frequency Bands Ant: Ant A						
Channel: MCH		Volta	ge: VN						
emperature: TN			ult: PASS e:Pref:2430.790	MHz@8.282					
Keysight Spectrum Analyzer - Swept									
α RL RF 50Ω Center Freq 2.437000	DC DO GHZ NFE PNO: Wide ↔ IFGain:Low	SENSE:INT Trig: Free Run #Atten: 40 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	05:29:46 PM Jan 17, 2018 TRACE 1 2 3 4 5 (TYPE MWWWW DET P P P P F					
Ref Offset 8.99 (0 dB/div Ref 30.00 dB			N	lkr1 2.430 790 GHz 8.282 dBm					
20.0									
10.0									
0.00	polonyaliwanika	polinialization warman	humber her have her her her her her her her her her he						
10.0		· · · · · · · · · · · · · · · · · · ·		DL1 -11.72 dBn					
20.0			- Maria						
	Artic			WWWWWWWWWW					
10.0 WWWWWWWWWW				White white when when					
50.0									
60.0									
enter 2.43700 GHz	#\/F	31A(300 kHz	Swoo	Span 40.00 MHz					
#Res BW 100 kHz	#VE	300 kHz	Swee	span 40.00 Mr ep 1.067 ms (8001 pt					

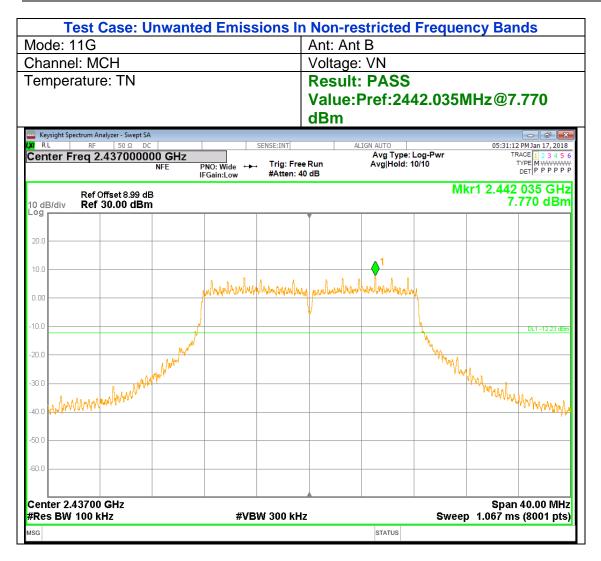
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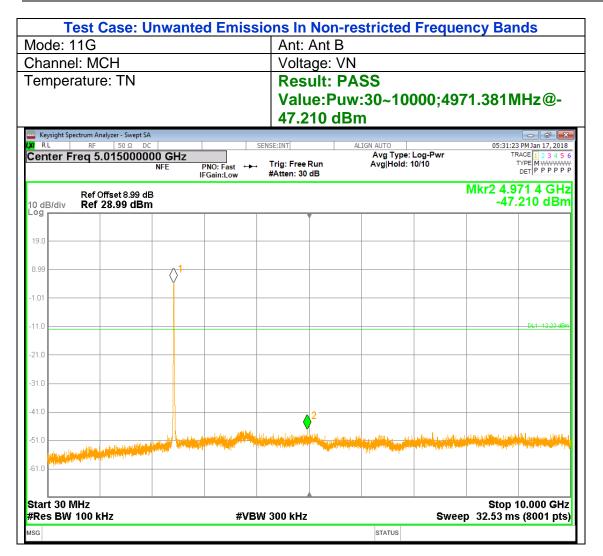
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Test	Linear test m	and a set of the set of the	Maria a	and a first of the			al a
	Unwanted Er			stricted F	requer	icy Ban	ds
Mode: 11G		Ant: Ant A	۹				
Channel: MCH		Voltage: V	/N				
Temperature: TN		Result:					
		Value:P		00~2600	0.2580		/Hz@_
		43.811 d		00~2000	0,2003	0.000	
— K 1100 - A 1 - 0		43.0110	DIII				
Keysight Spectrum Analyzer - Swep	DC DC	SENSE:INT	AL	IGN AUTO		05:30:06	PM Jan 17, 2018
Center Freq 18.0000		Trig: Free	Pun	Avg Type: Log Avg Hold: 10/1		TR	ACE 1 2 3 4 5 6
	NFE PNO: Fas IFGain:Lo			Avginoid. IV/			DETPPPPP
Ref Offset 8.99) dB						.898 GHz
10 dB/div Ref 28.99 dl						-43.	811 dBm
Log							
19.0							
8.99							
-1.01							
							DI1 -11 72 dBm
-11.0							
-21.0							
-31.0							
-41.0							(
caracterined	al colonica da como de	daaraharahara darbit yili	والمراجع المراجع والمراجع	والمحاورة والمحاط والمحاصر والمرا		Low Let De La	Lellinger berge
-51.0 Alexandrowing and the second se	A REAL PROPERTY OF THE REAL PR	Alexandra da anticipante da anticipante da anticipante da anticipante da anticipante da anticipante da anticip	a territe discription and the state	A Contraction Contraction of the	A CONTRACTOR OF THE OWNER	Laura de La Marine de Carlos La Carlos de Carlos de Carlos de Carlos La Carlos de	
-61.0							
-01.0							
Start 10.000 GHz #Res BW 100 kHz		#VBW 300 kHz			Gwoon		6.000 GHz (8001 pts)
		#VOVV JUU KHZ		OTATIO	oweep	JZ.27 MS	(oun hrs)
MSG				STATUS			

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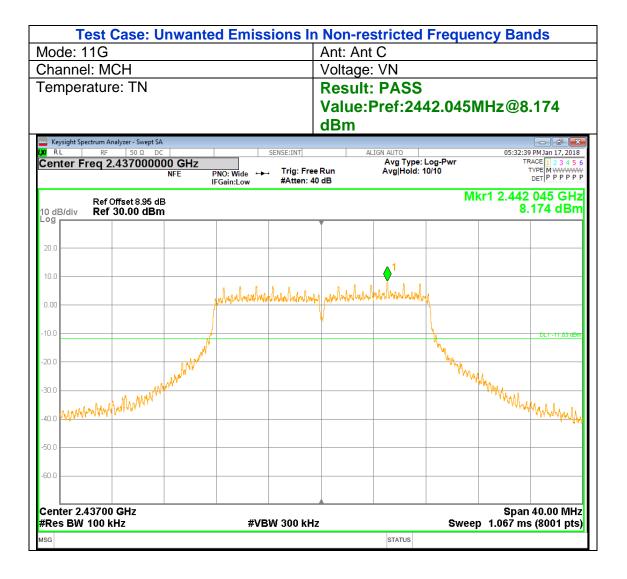
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Test Case: I	Jnwanted Em	issions In	Non-reg	stricted	Freque	ncy Bar	she
Mode: 11G		Ant: Ant E		Strifted	Troque	noy Dar	
Channel: MCH		Voltage: V					
		Result:					
Temperature: TN							
		Value:P		00~260	00;237	(4.000	/IHZ@-
		43.819 d	Bm				
Keysight Spectrum Analyzer - Swept S K K R K R S Ω C	A DC	SENSE:INT	ΔΙ	IGN AUTO		05:21:22	B PM Jan 17, 2018
Center Freq 18.00000			I	Avg Type:		TF	RACE 1 2 3 4 5 6
	NFE PNO: Fast IFGain:Low			Avg Hold: 1	0/10		DET P P P P P
Ref Offset 8.99 d							.774 GHz 819 dBm
Log			Y				
19.0							
8.99							
-1.01							
-11.0							DL1 12:23 dBm
-21.0							
-31.0							
-41.0						<u>1</u>	
			La mai	a contract for the	the later strategies	والمتعاقلين والمعادية	and the second side of the second second
-51.0 Million dealers and a state of the second sec				a na haran ya na hala ka na mana a na Mana na na na na hala ka na mana na ha		And a state of the later	land and a second distance in the second data
-61.0							
0.0							
Start 10.000 GHz #Res BW 100 kHz		#VBW 300 kHz			Sweej		26.000 GHz s (8001 pts)
MSG				STATUS			

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Те	est Case: U	nwante	d Emissi	ions In N	on-res	stricted	Freque	ncy Bar	าds
Mode: 1	1G			Ant: A	nt C				
Channel	I: MCH			Voltag	e: VN				
Tempera	ature: TN				t: PAS	SS			
				Value	:Puw:	30~100	000;384	3.525N	/Hz@-
					4 dBm		,		
	ctrum Analyzer - Swept SA					-			
(X) RL Contor Er	RF 50 Ω DC		S	ENSE:INT	ALI	GN AUTO	log-Pwr		0 PM Jan 17, 2018 RACE 1 2 3 4 5 6
	eq 5.0150000	NFE	PNO: Fast ++++	Trig: Free Ru #Atten: 30 dB		Avg Hold: 1			TYPE M WWWW DET P P P P P P
10 dB/div	Ref Offset 8.95 dE Ref 28.95 dBm	3	- Cullin Lott						43 5 GHz .894 dBm
Log				The second secon					
19.0									
8.95		1							
-1.05									
-11.1									DI 1 -11 83 dBm
-21.1									
-31.1									
-41.1			2						
-51.1								Marina da manda ang kanalan Marina da mang kanalan	
-61.1		THE STREET			2007.01 - 1.0	Tree is a characteristic			
Start 30 M #Res BW 1			#VBV	V 300 kHz			Swee		10.000 GHz s (8001 pts)
MSG						STATUS			

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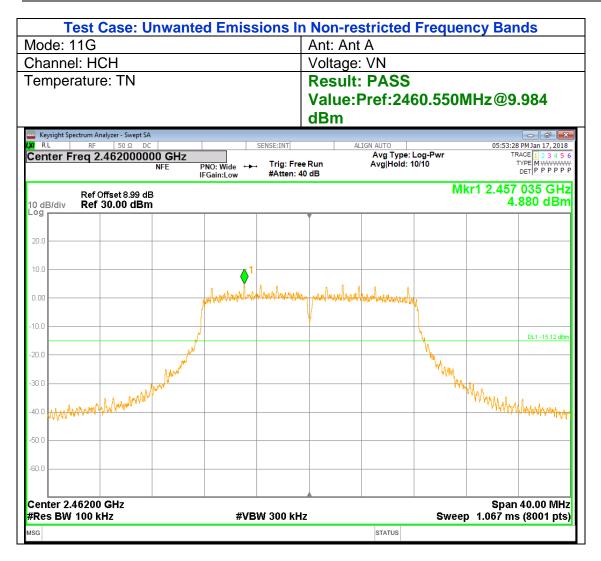
Т	est Case: L	Inwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Ban	ds
Mode: '	11G		A	nt: Ant C)				
Channe	el: MCH		V	oltage: \	/N				
Temper	rature: TN		R	esult: I	PASS				
			V	alue:Pu	uw:100	00~260	00;2569	98.000N	/Hz@-
				4.855 d					
	pectrum Analyzer - Swept SA			1		1			
KI RL	RF 50 Ω DC			SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr		PM Jan 17, 2018 ACE 1 2 3 4 5 6
Conter 1	100 10.000000	NFE F	NO: Fast ++	. Trig: Free #Atten: 30		Avg Hold: 1		1	DET P P P P P
10 dB/div	Ref Offset 8.95 dl Ref 28.95 dBn							Mkr1 25. -44.	.698 GHz 855 dBm
Log									
19.0									
8.95									
-1.05									
-11.1									DI 1 -11.83 dBm
-21.1									
-31.1									
-41.1									_1
-41.1							a i ba	l. The children dis-	and the second
-51.1						al halfada an an faith an	and a bell design the bell differences and give started group scheel good a		and a strength of the second
	and the second								
-61.1									
Start 10.0 #Res BW			#VB	W 300 kHz			Sweej	Stop 2 5 52.27 ms	:6.000 GHz ; (8001 pts)
MSG						STATUS			

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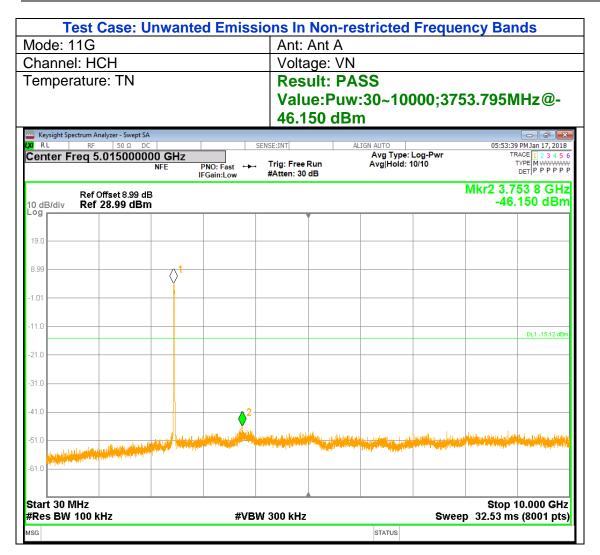
<u>High Channel</u>

	Test Ca	se: Bandedge C	Compliance	
Mode: 11G	Ant: Ant A			
Channel: HCH	Voltage: VN			
Temperature:	Result: PAS	S		
TN	Value:Peak:	4.820dBm;Max	:2484.050MHz@-	
	40.503dBm4		_	
Keysight Spectrum Analyzer - S	wept SA			
Center Freq 2.4835		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	05:53:13 PM Jan 17, 2018 TRACE 1 2 3 4 5 6
	NFE PNO: Fas IFGain:Lo		Avg Hold: 10/10	TYPE M WWWW DET P P P P P
D-605-140		•	Mkr4	2.484 050 0 GHz
Ref Offset 8 10 dB/div Ref 30.00				-40.503 dBm
20.0				
10.0				
0.00	بايرابيا بوليراني وتائنا والتركيل والمساوران			
-10.0				DL1 -15.18 dBm
-20.0				DET -15.16 dBhi
-30.0	<u></u>	<u> </u>		
-40.0	M ^a	Wheeler plane a free but on a state		distriction of the all second states and
-50.0				
-60.0				
Center 2.48350 GHz				Span 100.0 MHz
#Res BW 100 kHz		#VBW 300 kHz	Sweep	1.067 ms (8001 pts)
MKR MODE TRC SCL	× 2.457 100 0 GHz	Y FUNCTION 4.820 dBm	FUNCTION WIDTH FL	NCTION VALUE
1 N 1 f 2 N 1 f	2.483 500 0 GHz -4	2.467 dBm		
3 N 1 f 4 N 1 f		4.575 dBm 0.503 dBm		
5 6				Ξ
7 8				
9				
11				
MSG			STATUS	•
			of Rido	

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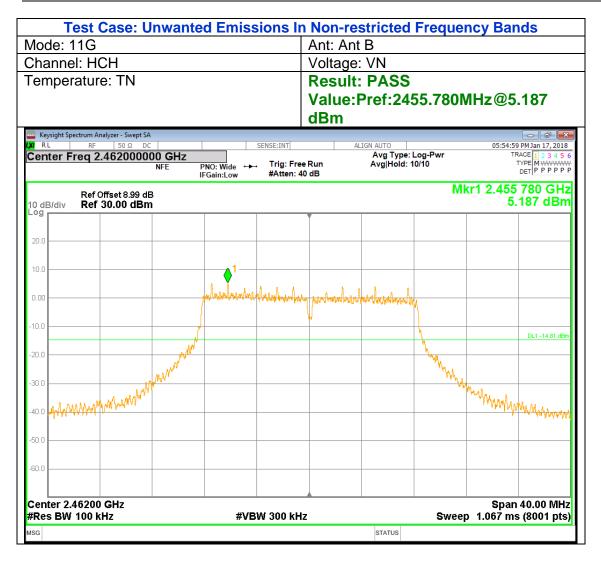
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Т	est Case: L	Inwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Bar	ıds
Mode: 2	11G		A	nt: Ant A	4				
Channe	el: HCH		V	oltage: \	/N				
Temper	rature: TN		R	esult: I	PASS				
			V	alue:Pu	uw:100	00~260	00;257	22.000N	/Hz@-
				4.402 d					
	ectrum Analyzer - Swept SA			1	-				
Center F	RF 50 Ω DC reg 18.000000			SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr	TF	PMJan 17, 2018 RACE 1 2 3 4 5 6
		NFE F	NO: Fast ++-	 Trig: Free #Atten: 30 		Avg Hold: 1	10/10	1	DET P P P P P
10 dB/div	Ref Offset 8.99 dl Ref 28.99 dBn								.722 GHz 402 dBm
Log									
19.0									
8.99									
-1.01									
-11.0									DL1 -15.12 dBm
-21.0									
-31.0									
-41 0									1
-51.0								an a star star an	and a sale of the set
	and the second state	a diffe a							
-61.0									
Start 10.0 #Res BW			#VB	W 300 kHz			Swee		26.000 GHz s (8001 pts)
MSG						STATUS			

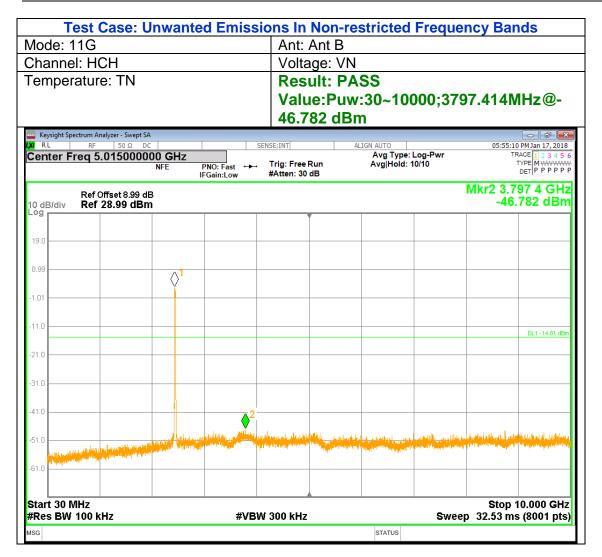
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	Test Cas	se: Bandedge	Compliance	
Mode: 11G	Ant: Ant B	Ŭ	•	
Channel: HCH	Voltage: VN			
Temperature:	Result: PASS			
TN			k:2490.038MHz@-	
	39.753dBm45			
Keysight Spectrum Analyzer - Sw		.039000		
LXI RL RF 50Ω	DC	SENSE:INT	ALIGN AUTO	05:54:45 PM Jan 17, 2018
Center Freq 2.48350	NFE PNO: Fast IFGain:Low	→→ Trig: Free Run #Atten: 40 dB	Avg Type: Log-Pwr Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P F
Ref Offset 8.			Mkr4	2.490 037 5 GHz -39.753 dBm
10 dB/div Ref 30.00	авт			-03.700 0.511
20.0	. 1			
10.0	<u>_</u> _			
0.00	pheneter a pheneter of the states of the sta			
-10.0				DL1 -14.71 dBm
-20.0	1	×		
-30.0		× 42	4	
-40.0	·	Martin Martin Contraction	Market and and a state of the second	an the second and the second all all the second and the second as the second as the second as the second as the
-50.0				
-60.0				
Center 2.48350 GHz #Res BW 100 kHz	#	¢VBW 300 kHz	Sweep	Span 100.0 MHz 1.067 ms (8001 pts)
MKR MODE TRC SCL	x 2.457 112 5 GHz 5	Y FUNCTION	FUNCTION WIDTH FU	NCTION VALUE
2 N 1 f	2.483 500 0 GHz -42	.096 dBm		
3 N 1 f 4 N 1 f		.266 dBm .753 dBm		
5 6				E
7				
8 9				
10 11				
		m		
MSG			STATUS	

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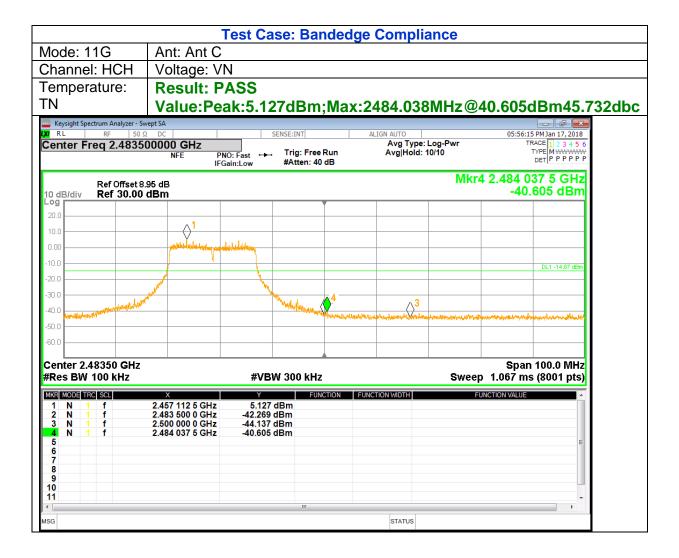
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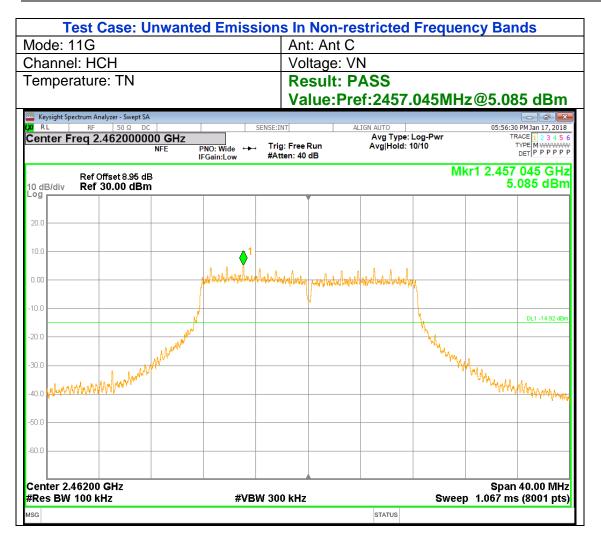
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Т	est Case: U	Inwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Ban	ds		
Mode: 2	11G		A	nt: Ant E	3						
Channe	el: HCH		V	Voltage: VN							
Temper	rature: TN		R	esult: l	PASS						
			V	alue:Pi	uw:100	00~260	00;2573	38.000N	/Hz@-		
				4.321 d							
	pectrum Analyzer - Swept SA										
Center F	RF 50 Ω DC			SENSE:INT		IGN AUTO Avg Type:		TR	PM Jan 17, 2018 RACE 1 2 3 4 5 6		
		NFE F	NO: Fast ++- Gain:Low	 Trig: Free #Atten: 30 		Avg Hold: 1	10/10	T	DET P P P P P		
10 dB/div	Ref Offset 8.99 dl Ref 28.99 dBn								.738 GHz 321 dBm		
Log					T						
19.0											
8.99											
-1.01											
-11.0									DL1 -14.81 dBm		
-21.0											
-31.0											
-41 በ											
							te a calar	a hadda a tao ang si tao a baga	line, interesting		
-51.0			ويليس والمتحكم والمركز المتحد والتروين والمتحد وماكر والمكر			and a find the second second for		And an end of the state of the			
-61.0											
-01.0											
Start 10.0 #Res BW			#VB	SW 300 kHz			Sweel	Stop 2 p 52.27 ms	26.000 GHz 5 (8001 pts)		
MSG						STATUS					

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Т	est Case: U	nwante	d Emiss	ions In N	on-res	stricted	Freque	ncy Bar	ıds	
Mode: 2	11G			Ant: Ant	С					
Channe	el: HCH			Voltage: VN						
Temper	rature: TN			Result:	PASS	5				
•				Value:F	Puw:3	0~1000	0:4289	.683M⊦	z@-	
				47.101			•,•			
	oectrum Analyzer - Swept SA									
LXI RL	RF 50 Ω DC			SENSE:INT	ALI	GN AUTO	l en Dur		1 PM Jan 17, 2018 RACE 1 2 3 4 5 6	
Center F	req 5.0150000	NFE	PNO: Fast ↔→→ FGain:Low	Trig: Free Rur #Atten: 30 dB	ı	Avg Hold: 1			TYPE MWWWWW DET P P P P P P	
10 dB/div	Ref Offset 8.95 dE Ref 28.95 dBm	3	Guin.com						89 7 GHz 101 dBm	
Log		-								
19.0										
8.95										
0.55		1								
-1.05										
-11.1									DL1 -14.92 dBm	
-21.1									DET TTT.32 GDIT	
-21.1										
-31.1										
-41.1				2						
-51.1		. Hannesse		والتلم وتعتور والترام و		واستار المتقويت	dath ladd to a set whether	غادين المربطنا ويعرف فالا	han health is some.	
-51.1				and file in the second second second			a desta des da parte desta del pod	a hillion a disar a disar a di Alfrida	the control of the particular sectors and	
-61.1										
Start 30 P	MHz							Stop '	10.000 GHz	
#Res BW	100 kHz		#VBI	W 300 kHz			Swee	p 32.53 m	s (8001 pts)	
MSG						STATUS				

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		sions In Non-re	stricted Freque	ency Bands						
Mode: 11G	Ant: Ant C									
Channel: HCH	Voltage: VN									
Temperature: TN	Result: PAS	SS								
•	Value:Puw:	10000~26000	25620.000MH	z@-44.506 dBm						
Keysight Spectrum Analyzer - Swept SA	raidon ann	10000 20000,								
LX/ RL RF 50Ω DC		SENSE:INT A	ALIGN AUTO	05:56:50 PM Jan 17, 2018						
Center Freq 18.00000000	0 GHz FE PNO: Fast ↔⊷	Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE M WWWWW						
N	IFGain:Low	#Atten: 30 dB		DETPPPP						
Ref Offset 8.95 dB 10 dB/div Ref 28.95 dBm				Mkr1 25.620 GHz -44.506 dBm						
Log		The second secon								
10.0										
19.0										
8.95										
0.00										
-1.05										
-11.1				DL1 -14.92 dBm						
				DET THUSE ODIT						
-21.1										
-31.1										
-41.1				1						
		11.1		a shared base as a still have						
-51.1	discontrational and a state of the state									
	A CONTRACTOR OF	confinel, a while the inclusion in the first second state and								
-61.1										
Start 10.000 GHz #Res BW 100 kHz	#VB	W 300 kHz	Swee	Stop 26.000 GHz ep 52.27 ms (8001 pts)						
MSG			STATUS							

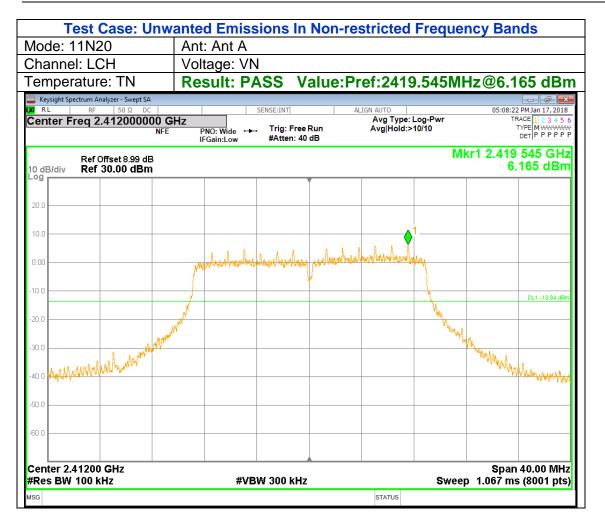
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7.5.3. 802.11n20 3TX MODE

Low Channel

	Tes	t Case: Bande	dge Compliance		
/lode: 11N20	Ant: Ant A		Y		
Channel: LCH	Voltage: VN				
emperature:	Result: PAS	S			
'N	Value:Peak:	6.160dBm:Ma	x:2389.850MHz@	39.875dBm46.035	5db
Keysight Spectrum Analyzer		,,,,,,,		- 6 -	
RL RF		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	05:08:07 PM Jan 17, 2018 TRACE 1 2 3 4 5 6	
center Freq 2.400	NFE PNO: Fas IFGain:Lo		Avg Hold: 10/10	TYPE MWWWWW DET P P P P P P	
Ref Offse 0 dB/div Ref 30.0			Mk	r4 2.389 850 0 GHz -39.875 dBm	
.og					
20.0			/1		
0.00			haberta hade a deal short at all		
10.0		<u> </u>			
20.0				DL1 -13.84 dBm	
30.0			\		
40.0		4 Alexanorther durchanter	™\\ \	Authority and a second s	
50.0	ad a president and an operation of the second s			and the state of the second state of the secon	
50.0					
Center 2.40000 GH Res BW 100 kHz	IZ	#VBW 300 kHz	Swor	Span 100.0 MHz p 1.067 ms (8001 pts)	
	X	Y FUNCTION		EUNCTION VALUE	
1 N 1 f	2.419 612 5 GHz	6.160 dBm	FUNCTION WIDTH	PONCTION VALUE	
2 N 1 f 3 N 1 f		30.506 dBm 41.923 dBm			
4 N 1 f 5	2.389 850 0 GHz -	39.875 dBm		Ξ	
6 7					
8					
10					
11		III		•	
sg			STATUS		

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Test Case: Unwar	nted Emissions In Non-restricted Frequency Bands							
Mode: 11N20	Ant: Ant A							
Channel: LCH	Voltage: VN							
Temperature: TN	Result: PASS							
	Value:Puw:30~10000;4248.556MHz@-46.622 dBm							
Keysight Spectrum Analyzer - Swept SA								
RL RF 50 Ω DC Center Freq 5.015000000 GHz	SENSE:INT ALIGN AUTO 05:08:33 PM Jan 17, 2018 Avg Type: Log-Pwr TRACE 1 2 3 4 5 6							
NFE	PNO: Fast →→ Trig: Free Run Avg Hold: 10/10 TYPE MWWWWWW IFGain:Low #Atten: 30 dB DET P P P P							
Ref Offset 8.99 dB 10 dB/div Ref 28.99 dBm	Mkr2 4.248 6 GHz -46.622 dBm							
Log								
19.0								
8,99								
0.33								
-1.01								
44.0								
-11.0	DL1 -13.84 dBm							
-21.0								
-31.0								
-41.0	<u> </u>							
	terre a deserve a like the relation of the second							
-51.0								
-61.0								
Start 30 MHz #Res BW 100 kHz	Stop 10.000 GHz #VBW 300 kHz Sweep 32.53 ms (8001 pts)							
MSG	STATUS							

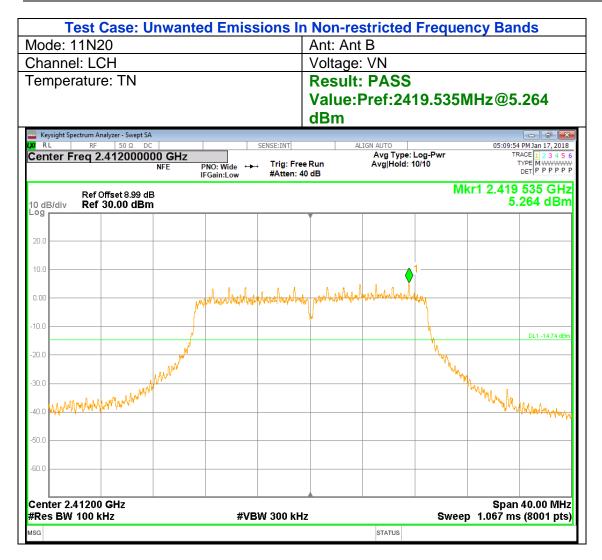
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Т	est Case:	Unwan	ted Emi	ssio	ns In N	on-res	stricted	Freque	ncy Bar	ds	
Mode: 1	1N20			Ant: Ant A							
Channe	el: LCH			Voltage: VN							
Temper	ature: TN			Result: PASS							
				Valu	le:Puv	v:100	00~260	00;2563	34.000N	/Hz@-	
					63 dB						
	ectrum Analyzer - Swe	•									
Center F	RF 50 Ω reg 18.0000		7	SENSE	EINT	AL	IGN AUTO Avg Type:	Log-Pwr	TF	PMJan 17, 2018 ACE 1 2 3 4 5 6	
o or nor 1		NFE			rig: Free Ru Atten: 30 dB		Avg Hold: 1	0/10	1	DET P P P P P	
10 dB/div	Ref Offset 8.9 Ref 28.99 d									.634 GHz 263 dBm	
Log											
19.0											
8.99											
-1.01											
-11.0										DL1 -13.84 dBm	
-21.0											
-31.0											
-41.0										_1	
-41.0						يول د		the second st	a an independent	الانتقادية المرجعة المراجعة	
-51.0			allen a frankriger	line older Mission	n kenikan pilitan ta	n periodi se presidente A periodi se presidente de la presidente de	la prosta francista da la la Seconda da Seconda da S	a fili da pala pala parte i Dilla da Mana da Santa Parte d	and the second	and a second second second	
	1 I I I I I I I I I I I I I I I I I I I	. 1 da 1 a a 1 a									
-61.0											
Start 10.0 #Res BW			#	VBW 3	00 kHz			Sweej		26.000 GHz 5 (8001 pts)	
MSG							STATUS				

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	Test (Case: Banded	ge Compliance	
Mode: 11N20	Ant: Ant B			
Channel: LCH	Voltage: VN			
Femperature:	Result: PASS			
ΓN	Value:Peak:5.	590dBm;Max	:2389.950MHz@4	0.146dBm45.736db
Keysight Spectrum Analyzer - Sw	ept SA	·		
20 Ω 20 Ω		SENSE:INT →→ Trig: Free Run #Atten: 40 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	05:09:39 PM Jan 17, 2018 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P
Ref Offset 8. 10 dB/div Ref 30.00 d			Mkr4	2.389 950 0 GHz -40.146 dBm
20.0				
10.0				
0.00		- parent	shakalada shalada harada	
-10.0				DL1 -14.41 dBm
-20.0		4		
.40.0		24 Anna Anna Anna Anna Anna Anna Anna Ann	Why Jashaphyse	Aufra
50.0				the termination of the second and the theory of the
-60.0				
Center 2.40000 GHz #Res BW 100 kHz	#	/BW 300 kHz	Sweep	Span 100.0 MHz 1.067 ms (8001 pts)
MKR MODE TRC SCL	2.417 112 5 GHz 5.5	FUNCTION 590 dBm	FUNCTION WIDTH FUN	CTION VALUE
2 N 1 f 3 N 1 f		43 dBm 77 dBm		
24 N 1 f 5 6 7 8 9 10		46 dBm		E
• [III		•
ISG			STATUS	

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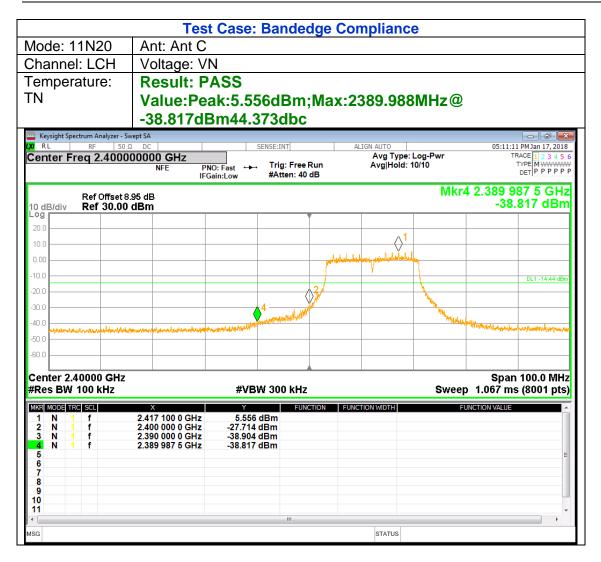
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Test Case: Unwa	Inted Emissions In Non-restricted Frequency Bands	
Mode: 11N20	Ant: Ant B	
Channel: LCH	Voltage: VN	
Temperature: TN	Result: PASS	
	Value:Puw:30~10000;3246.571MHz@-46.995 dE	3m
Keysight Spectrum Analyzer - Swept SA		
RL RF 50 Ω DC Center Freq 5.015000000 GH NFE NFE	Image: Sense:INT ALIGN AUTO 05:10:05 PM Jan 1: IZ Avg Type: Log-Pwr TRACE 1:2 PNO: Fast → Trig: Free Run IFGain:Low AvgIHold: 10/10 #Atten: 30 dB DET P P	3 4 5 6 www
Ref Offset 8.99 dB 10 dB/div Ref 28.99 dBm	Mkr2 3.246 6 -46.995 c	
19.0		
8.99	1	
-1.01		_
-11.0	DL1 -14	4.74 dBm
-21.0		_
-31.0		—
-41.0		
-51.0		
-61.0		
Start 30 MHz #Res BW 100 kHz	Stop 10.000 #VBW 300 kHz Sweep 32.53 ms (800	
MSG	STATUS	

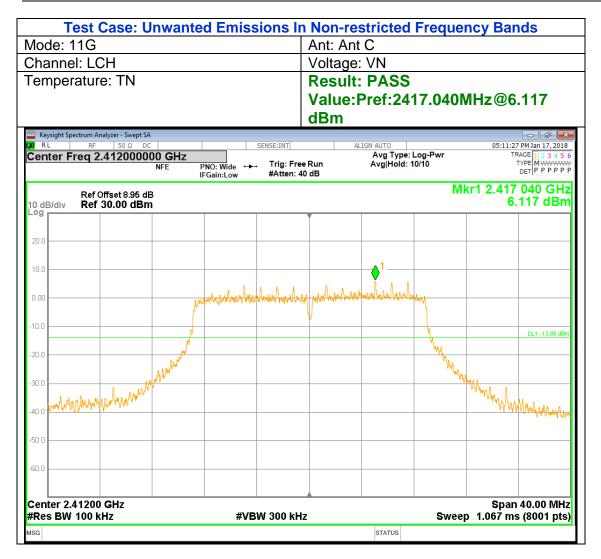
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Test Case: Un	wanted Emiss	ions In Non-r	estricted Freque	ency Bands
Mode: 11N20	Ant: Ant B			
Channel: LCH	Voltage: VN			
Temperature: TN	Result: PAS	S		
	Value:Puw:	10000~26000);25656.000MH	z@-44.697 dBn
Keysight Spectrum Analyzer - Swept SA				
		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	05:10:16 PM Jan 17, 2018 TRACE 1 2 3 4 5 6
	FE PNO: Fast ↔→ IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold: 10/10	TYPE MWWWW DET PPPPF
Ref Offset 8.99 dB 10 dB/div Ref 28.99 dBm				Mkr1 25.656 GHz -44.697 dBm
19.0				
8.99				
-1.01				
-11.0				
				DL1 -14.74 dBm
-21.0				
-31.0				
-41.0				
-51.0			a stand you with the two of a family of a stand of the stan	
a an	المراورين التناجي المراجع	terration of the second se		
-61.0				
Start 10.000 GHz #Res BW 100 kHz	#VBI	W 300 kHz	Swe	Stop 26.000 GHz ep 52.27 ms (8001 pts)
MSG			STATUS	,

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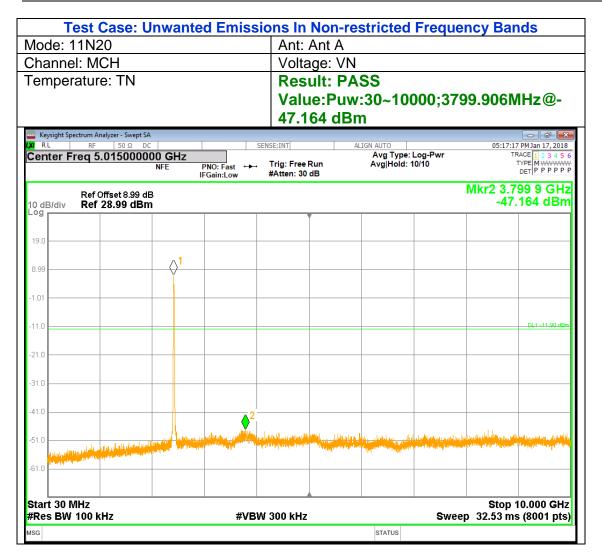
Mode: 11N20 Channel: LCH Temperature: TN	Ant: Ant C Voltage: VN Result: PAS: Value:Puw:1 44.026 dBm	S 0000~26000;256	
	Result: PAS Value:Puw:1		
Temperature: TN	Value:Puw:1		
		0000~26000;256	40.0001411-@
	44.026 dBm		4ö.UUUMHZ@-
Keysight Spectrum Analyzer - Swept SA	OFNICE JUIT		
KL RF 50 Ω DC Center Freq 18.000000000 GHz	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	05:11:48 PM Jan 17, 2018 TRACE 1 2 3 4 5 6
NFE PNO: Fac IFGain:Lc		Avg Hold: 10/10	DET P P P P P
Ref Offset 8.95 dB 10 dB/div Ref 28.95 dBm			Mkr1 25.648 GHz -44.026 dBm
Log	The second secon		
19.0			
8.95			
-1.05			
-11.1			DL1 -13.88 dBm
-21.1			
-31.1			
-41.1			
		and data a second construction	والمتألفان ويتباد المتعال والمتلا الدرور وتراريا
-51.1 point dependent of the point of the po		an bilan di dagi bagi bagi bagi bagi bagi bagi bagi b	the second second states to a bill plack the second states to
-61.1			
Start 10.000 GHz #Res BW 100 kHz	#VBW 300 kHz	Swee	Stop 26.000 GHz p 52.27 ms (8001 pts)

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Middle Channel

/lode: 11N20			Ant: A	Ant A		
Channel: MCH			Volta	ige: VN		
emperature: Th	N			ult: PASS le:Pref:2430.78 h	85MHz@	8.099
Keysight Spectrum Analyzer - Sv				•		
RL RF 50 9 Center Freq 2.4370	00000 GHz	PNO: Wide ↔→ IFGain:Low	Trig: Free Run #Atten: 40 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	05:17	Contraction 17,2018 TRACE 1 2 3 4 5 6 TYPE M
Ref Offset 8 0 dB/div Ref 30.00						0 785 GHz 8.099 dBm
og			ľ			
20.0						
10.0		↓				
	μ	monterilities	manthemations with him	maker malmalies.		
10.0						DL1-11.90 dBm
	S and M			May.		
30.0	and Warmall			71	MW MML	
10.0 MMMMMMMMMM					W/W	MMMMAnn
50.0						
50.0						
enter 2.43700 GHz					Spa	an 40.00 MHz
Res BW 100 kHz		#VBW	/ 300 kHz	Sv		ns (8001 pts)

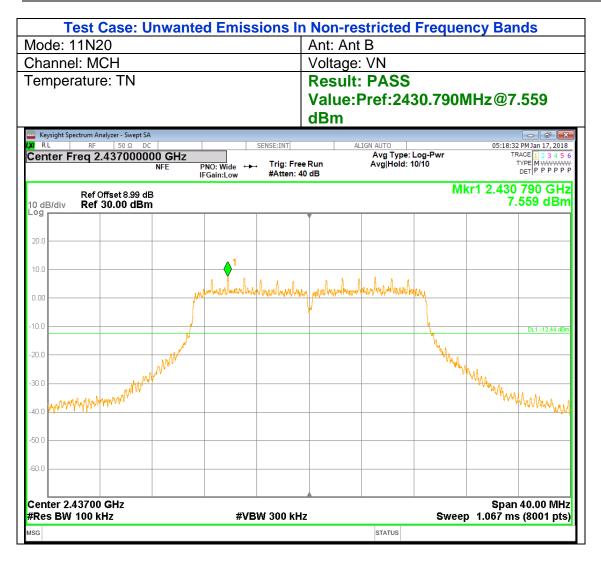
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Test Case	Unwonted Em	ingiona In	Non ro	otriotod	Eroquio	nov Don	do
	Unwanted Em			stricted	Freque	псу вап	as
Mode: 11N20		Ant: Ant A	1				
Channel: MCH		Voltage: \	/N				
Temperature: TN		Result: F	PASS				
·		Value:Pu		00~260	00.257	82 000N	1Hz@-
		43.546 d		00-200		02.0001	
.		43.340 u	DIII				
Keysight Spectrum Analyzer - Swept K RL RF 50 Ω	DC	SENSE:INT	AL	IGN AUTO		05:17:27	PM Jan 17, 2018
Center Freq 18.00000		Trig: Free l		Avg Type: I Avg Hold: 1		TR	ACE 1 2 3 4 5 6
	NFE PNO: Fast IFGain:Low			Avginoid. 1	0/10		DET P P P P P P
Ref Offset 8.99	40					Mkr1 25.	782 GHz
10 dB/div Ref 28.99 dB						-43.	546 dBm
Log							
19.0							
15.0							
8.99							
-1.01							
-11.0							DL1 -11.90 dBm
-21.0							
-31.0							
							1
-41.0							
-51.0		. A start Trans or while him realition	and a provident	الالاليم الحروفا المعمد			
-91.0	The second s	and the second	Gradue A.	, and a straight of the set	and the second second second		
-61.0							
Start 10.000 GHz #Res BW 100 kHz		#VBW 300 kHz			Swee	2 Stop p 52.27 ms	6.000 GHz
				CTATIO	owee	P JZ.27 1115	(0001 pts)
MSG				STATUS			

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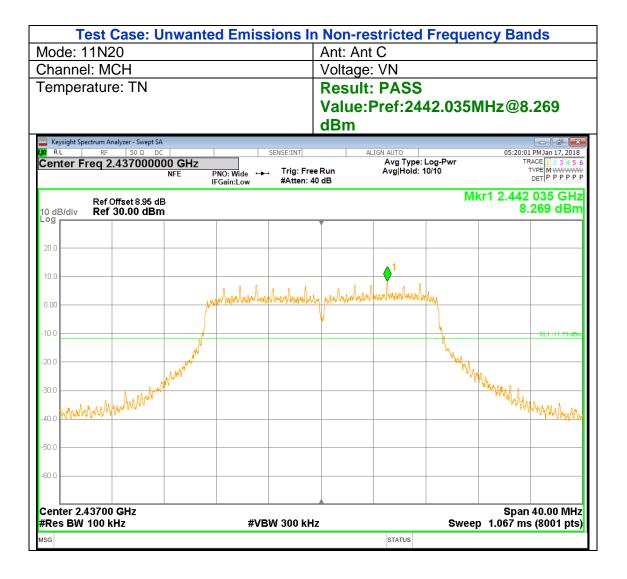
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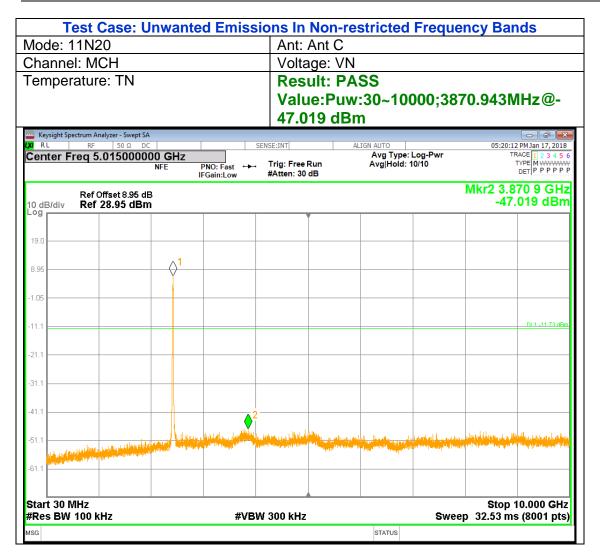
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Test Cases	Invented En	lealana In N	lon restrictor		av Danda
	Jnwanted Em		ion-restricted	requer	cy Bands
Mode: 11N20		Ant: Ant B			
Channel: MCH		Voltage: VI	N		
Temperature: TN		Result: P	ASS		
				100.2555	2.000MHz@-
				500,2555	2.00011112@-
		44.095 dE	sm		
Keysight Spectrum Analyzer - Swept S K RL RF 50 Ω C	A IC	SENSE:INT	ALIGN AUTO		05:18:54 PM Jan 17, 2018
Center Freq 18.00000	0000 GHz		Avg Type	: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE M WWWW
	NFE PNO: Fast IFGain:Low	→→ Trig: Free Ru #Atten: 30 di		10/10	DET P P P P P
D-605-140.00					Mkr1 25.552 GHz
Ref Offset 8.99 d 10 dB/div Ref 28.99 dB					-44.095 dBm
Log					
19.0					
15.0					
8.99					
0.00					
-1.01					
-11.0					DL1 -12.44 dBm
-21.0					
-31.0					
					.1
-41.0					
-51.0 Walland and descenden.	All trackets a second of the	ومقربة والافتراد والالبان		المعلوقات ومعاقلتي لم	
-61.0	The second se	And the second second second second second	and a state of the second s	In the state of th	
-61.0					
-01.0					
Start 10.000 GHz #Res BW 100 kHz	_	#\/B\M/ 200 k/!-		Guess	Stop 26.000 GHz
		#VBW 300 kHz		Sweep	52.27 ms (8001 pts)
MSG			STATUS		

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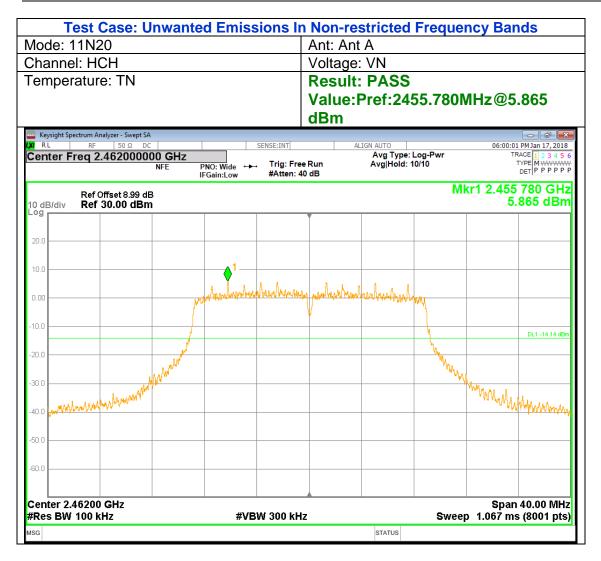
Те	est Cas	se: Unwa	Inted E	missi	ons In	Non-res	stricted	Freque	ncv Ban	ds
Mode: 1					t: Ant C					
Channe	I: MCH			Vo	Itage: V	/N				
Temper	ature: T	N			sult: F					
•							00~260	00:254 [·]	18.000N	/Hz@-
					.289 d					
Keysight Spe	ctrum Analyzer -	- Swept SA			1200 0					
(XI RL		0Ω DC		SE	ENSE:INT	AL	IGN AUTO Avg Type:	Lon Dur		PM Jan 17, 2018 ACE 1 2 3 4 5 6
Center Fr	req 18.00	0000000 G NFE	i HZ PNO: Fa IFGain:L		Trig: Free F #Atten: 30		Avg Type: Avg Hold: 1		Т	AGE 1 2 3 4 5 6 YPE M WWWW DET P P P P P P
10 dB/div	Ref Offset Ref 28.9								Mkr1 25. -44.	.418 GHz 289 dBm
19.0										
8.95										
0.00										
-1.05										
-11.1										DI 1 -11 73 dBm
-21.1										
-31.1										
										.1
-41.1										
-51.1			Marshine, Harrier	nlester i			(Netellation product) product Arrest Array and a product of the			
	a satura a construction de la seconda de	and the second		وأهمر بريط والمرجون	erozette i til som					
-61.1										
Start 10.0 #Res BW				#VBW	/ 300 kHz			Swee	Stop 2 p 52.27 ms	:6.000 GHz ; (8001 pts)
MSG							STATUS			

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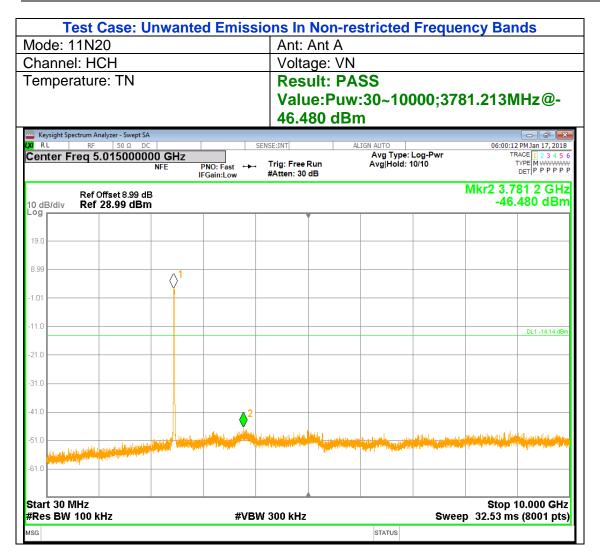
High Channel

Test Ca	ase: Bandedge	Compliance	
Ant: Ant A			
Voltage: VN			
Result: PAS	S		
Value:Peak:	5.999dBm:Max	k:2483.638MHz@-	
vept SA			
00000 GHz	st ⊷⊷ Trig: Free Run	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	05:59:46 PM Jan 17, 2018 TRACE 1 2 3 4 5 6 TYPE M WWWW
			DET PPPPP
99 dB dBm		MKr4	2.483 637 5 GHz -40.277 dBm
1			
	U I		
			DL1 -14.00 dBm
Y -	The International Contraction of the International Contractional Contract	3	
		ĸĸĸĸ₩₽₽₽₩₩₽₽₽₩₽₽₩₽₽₩₽₽₩₽₽₩₽₽₩₽₽₩₽₽₩₽₽₩₽₽	his (14,44) i ann an Iannaich an Iannailte an Annaicheann an Annaicheann an Annaicheann an Annaicheann an Annai
			Span 100.0 MHz
	#VBW 300 kHz	Sweep	1.067 ms (8001 pts)
X	Y FUNCTION	FUNCTION WIDTH FU	NCTION VALUE
2.483 500 0 GHz -	42.717 dBm		
			E
	III	STATUS	•
	Ant: Ant A Voltage: VN Result: PAS Value:Peak: 40.277dBm4 Poc DO000 GHZ NFE PNO: Fa IFGain:L 99 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1	Ant: Ant A Voltage: VN Result: PASS Value:Peak:5.999dBm;Max 40.277dBm46.276dbc Value:Peak:5.999dBm;Max 40.277dBm46.276dbc PNO: Fast	Voltage: VN Result: PASS Value: Peak: 5.999dBm; Max: 2483.638MHz @-40.277dBm46.276dbc Pro: Sense: Auign auto Avg Type: Log-Pwr NFE PNO: Fast Trig: Free Run Avg Type: Log-Pwr MFE PNO: Fast Trig: Free Run Avg Type: Log-Pwr 99 dB Mkr4 dBm Mkr4 #WBW 300 kHz Sweep X X Sense Function Function

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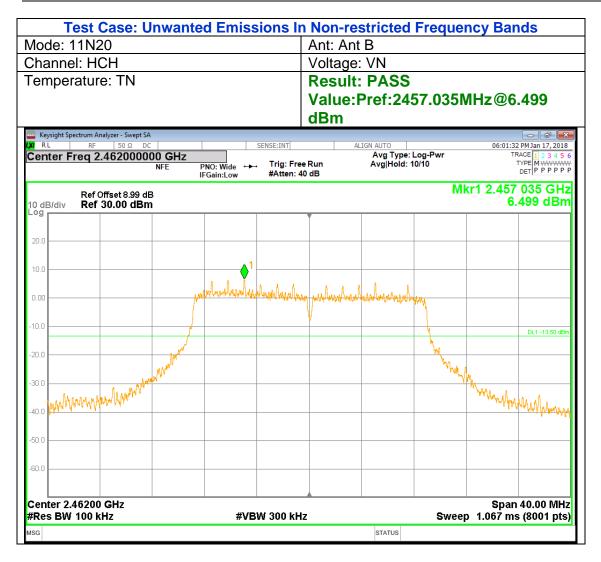
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Т	est Case: I	Jnwant	ed Emis	sions In	Non-res	stricted	Freque	ncy Ban	ds
Mode: 1	11N20		A	nt: Ant A	4				
Channe	el: HCH		V	/oltage: \	/N				
Temper	rature: TN		F	Result:	PASS				
			V	alue:P	uw:100	00~260	00;2560	N000.8 0	/Hz@-
				4.347 d					
	ectrum Analyzer - Swept S								
(X) RL Center F	RF 50 Ω [reg 18.000000			SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr		PM Jan 17, 2018 ACE 1 2 3 4 5 6
Center I	10.00000	NFE	PNO: Fast ++	→ Trig: Free #Atten: 30		Avg Hold:		1	DET P P P P P
10 dB/div	Ref Offset 8.99 d Ref 28.99 dB								.608 GHz 347 dBm
Log					Y				
19.0									
8.99									
-1.01									
-11.0									DL1 -14.14 dBm
-21.0									
-31.0									
-41.0									1
-41.0					1				اللالم المتعادية المتعادية
-51.0			al en la seconda de la compañía de la seconda de la se Nome de la seconda de la se	the state of the second st				and a star probability of the star	Abrenetsby
	and the second	1999 (1999) (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999)							
-61.0									
Start 10.0 #Res BW			#VE	3W 300 kHz			Sweej	Stop 2 5 52.27 ms	26.000 GHz 5 (8001 pts)
MSG						STATUS			

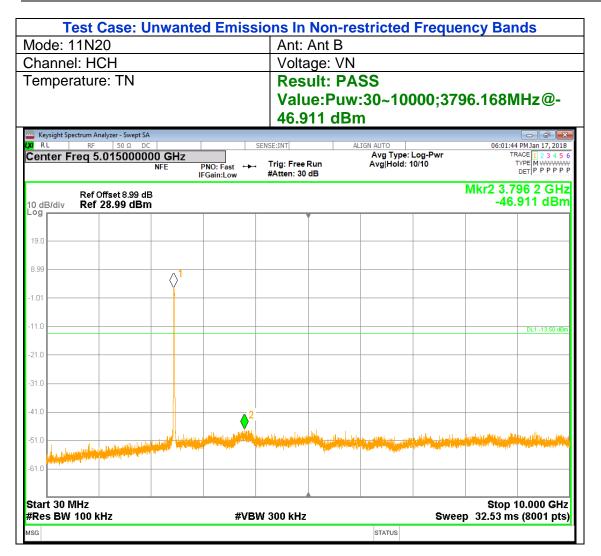
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	Test Ca	ase: Bandedge	Compliance	
Mode: 11N20	Ant: Ant B			
Channel: HCH	Voltage: VN			
Temperature:	Result: PAS	S		
TN		-	k:2484.250MHz@-	
	39.766dBm4			
🔤 Keysight Spectrum Analyzer - Sv	vept SA			
W RL RF 50 S Center Freq 2.4835		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	06:01:17 PM Jan 17, 2018 TRACE 1 2 3 4 5 6
Center Fred 2.4655	NFE PNO: Fa		Avg Hold: 10/10	TYPE M WWWW DET P P P P P P
Ref Offset 8			Mkr4	2.484 250 0 GHz -39.766 dBm
10 dB/div Ref 30.00	abm			-00.700 0.511
20.0				
10.0				
0.00	سلىرلىدا براس بداروا بوليوليوليوا والمواجع			
-10.0				DL1 -13.33 dBm
-20.0		- <u>\</u>		
-30.0	h ^{urr}			
-40.0 vhem and a share all and the share		Willing Street wards		mountaily and an and the second second
-50.0				
-60.0				
Center 2.48350 GHz #Res BW 100 kHz		#VBW 300 kHz	Sweep	Span 100.0 MHz 1.067 ms (8001 pts)
MKR MODE TRC SCL	X		FUNCTION WIDTH FUN	CTION VALUE
1 N 1 f 2 N 1 f		6.675 dBm 42.928 dBm		
3 N 1 f 4 N 1 f		-44.818 dBm -39.766 dBm		
5	2.404 200 0 0112			E
6 7				
8				
10				
		III		• • •
MSG			STATUS	

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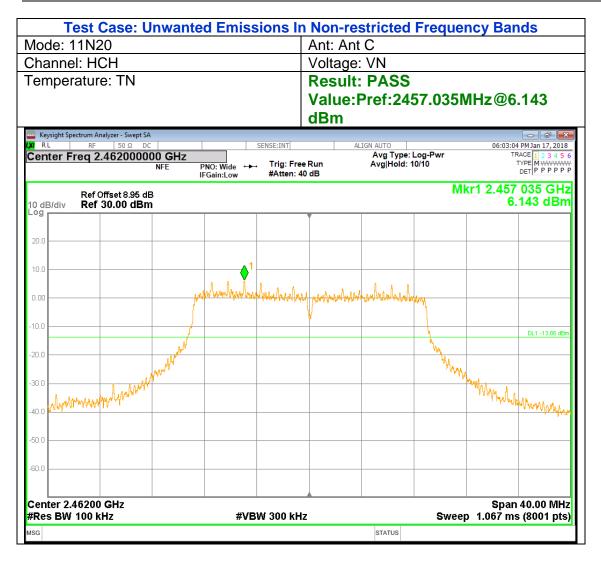
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Т	est Case:	Unwan	ted Emi	ssio	ons In	Non-res	stricted	Freque	ncv Ban	ds
Mode: 1					: Ant B					
Channe	I: HCH			Volt	tage: \	/N				
Temper	ature: TN				sult: F					
•				Val	ue:Pu	.w:100	00~260	00;2524	12.000N	/Hz@-
					485 d			,		
	ectrum Analyzer - Swept	SA								
(XIRL			_	SEN	SE:INT	AL	IGN AUTO Avg Type:	og Pwr		ACE 1 2 3 4 5 6
Center Fi	req 18.00000	NFE			Trig: Free F #Atten: 30		Avg Hold: 1		1	
10 dB/div	Ref Offset 8.99 Ref 28.99 dE									.242 GHz 485 dBm
Log										
19.0										
8.99										
-1.01										
-11.0										DL1 -13.50 dBm
-21.0										
-31.0										
-31.0										
-41.0										1
-51.0					Lang-andriation			والالان ويتابع بين المنظمين ويتابع من الم		
	i beli kana in pisai kana ana ini ng sa pat	and builds	and the second second second	10,100,000	bend, in the set of					
-61.0										
Start 10.0 #Res BW			#	VBW :	300 kHz			Sweep		26.000 GHz 5 (8001 pts)
MSG							STATUS			

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	Test Ca	se: Bandedge C	ompliance	
Mode: 11N20	Ant: Ant C			
Channel: HCH	Voltage: VN			
Temperature:	Result: PAS	S		
TN		-	:2483.688MHz@-	
	39.204dBm4	-		
	ept SA			
		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	06:02:49 PM Jan 17, 2018 TRACE 1 2 3 4 5 6
	NFE PNO: Fast IFGain:Lot		Avg Hold: 10/10	TYPE MWWWW DET P P P P P P
Ref Offset 8.	95 dB		Mkr4	2.483 687 5 GHz
10 dB/div Ref 30.00 (dBm			-39.204 dBm
20.0				
10.0	Q ¹			
0.00	phaladashi hay white he had	h.,		
-10.0	V			DL1 -13.77 dBm
-20.0				
-30.0	ed ¹⁰			
-30.0		"White was a second sec		
-50.0		Contraction of the second s	1841/11/11/11/11/11/11/11/11/11/11/11/11/1	so malleland and an and
-60.0				
Center 2.48350 GHz #Res BW 100 kHz		#VBW 300 kHz	Sweep	Span 100.0 MHz 1.067 ms (8001 pts)
MKR MODE TRC SCL	X		FUNCTION WIDTH FUN	CTION VALUE
1 N 1 f 2 N 1 f	2.454 625 0 GHz 2.483 500 0 GHz -4	6.229 dBm 1.837 dBm		
3 N 1 f 4 N 1 f		4.222 dBm 9.204 dBm		
5	2.400 007 0 0112 -0	3.204 dBm		E
6 7				
8				
10				
11				*
•		III		

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Test Case: Unwanted Emi	ssions In Non-restricted Fr	equency Bands		
/lode: 11N20	Ant: Ant C			
Channel: HCH	Voltage: VN			
Temperature: TN	Result: PASS			
	Value:Puw:30~1000	0:3855.988MHz@-		
	46.996 dBm	-,		
Keysight Spectrum Analyzer - Swept SA				
RL RF 50 Ω DC Center Freq 5.015000000 GHz	SENSE:INT ALIGN AUTO AVg Type: Log-			
NFE PNO: Fast IFGain:Low	Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB	TYPE MWWWWW DET P P P P P		
Ref Offset 8.95 dB 10 dB/div Ref 28.95 dBm		Mkr2 3.856 0 GHz -46.996 dBm		
_og				
19.0				
8.95				
-1.05				
-11.1		DL1 -13.86 dBm		
-21.1				
-31.1				
-41.1				
-41.1				
-51.1				
-51.1	a con allow the relation of the second distance of the second second second second second second second second	and the second		
-61.1				
Start 30 MHz		Step 10.000 CH-		
	VBW 300 kHz	Stop 10.000 GHz Sweep 32.53 ms (8001 pts)		
ISG	STATUS			

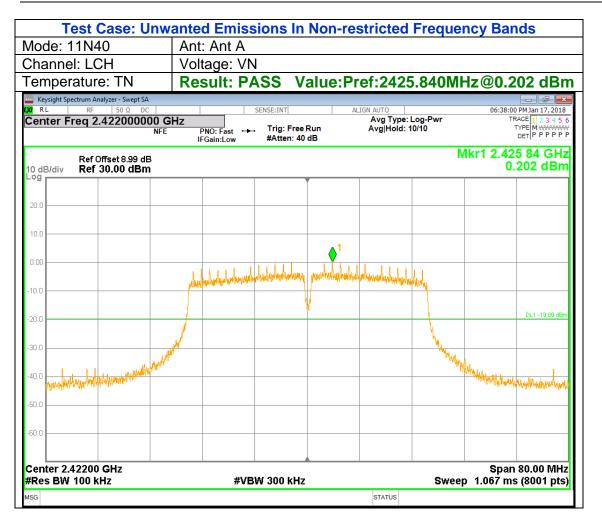
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7.5.4. 802.11n40 3TX MODE

Low Channel

	Test Case: Bande	edge Compliance			
Mode: 11N40	Ant: Ant A				
Channel: LCH	Voltage: VN				
Temperature:	Result: PASS				
TN	Value:Peak:0.190dBm	•Max•2389 613MHz@)_		
	37.005dBm37.195dbc	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•		
Keysight Spectrum Analyzer - Sw					
X RL RF 50 Ω		ALIGN AUTO Avg Type: Log-Pwr	06:37:45 PM Jan 17, 2018 TRACE 1 2 3 4 5 6		
Center Freq 2.4000	NFE PNO: Fast ↔→ Trig: Free IFGain:Low #Atten: 4	Run Avg Hold: 10/10	TYPE M WWWW DET P P P P P P		
Ref Offset 8. 10 dB/div Ref 30.00		Mk	r4 2.389 612 5 GHz -37.005 dBm		
Log					
20.0					
10.0					
0.00		hadradesharteshartesharteshartesharteshartesharte	wheel wanted and the		
-10.0					
-20.0			DL1 -19.81 dBm		
-30.0	4				
-40.0	white and the second second and the second of the		Man Kurkana Angel		
-50.0	M.R. David and J. J. Davidsky, Soc. A. order of the second state o				
-60.0					
Center 2.40000 GHz Span 100.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.067 ms (8001 pts)					
MKR MODE TRG SCL 1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 6 7 8 9	X Y FU 2.427 112 5 GHz 0.190 dBm 2.400 000 0 GHz -34.548 dBm 2.390 000 0 GHz -41.763 dBm 2.389 612 5 GHz -37.005 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE		
10 11					
MSG		STATUS			

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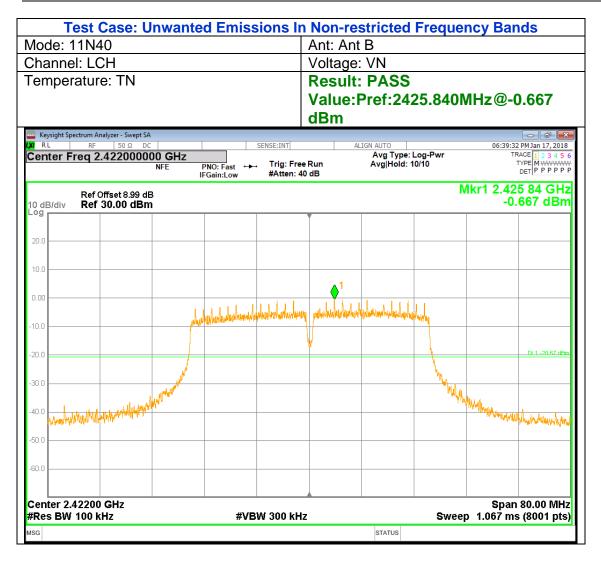
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Т	est Case:	Unwar	nted Emis	ssions li	n Non-	restricted	Frequ	ency Ba	nds
Mode: '				Ant: Ant					
Channe	el: LCH			Voltage:	VN				
Temper	rature: TN			Result:		5			
•				Value:F	2uw:10	0000~260	00:257	764.000	MHz@-
				43.974			,		
	ectrum Analyzer - Swe	•							
(X) RL	RF 50 Ω			SENSE:INT		ALIGN AUTO Avg Type:	Log-Pwr		RACE 1 2 3 4 5 6
Center F	red 10.0000	NFE		→ Trig: Fre #Atten: \$		Avg Hold:			TYPE MWWWWW DET P P P P P
10 dB/div	Ref Offset 8.9 Ref 28.99 d								5.764 GHz .974 dBm
19.0									
8.99									
-1.01									
-11.0									
-21.0									DL1 -19.80 dBm
-21.0									
-31.0									
-41.0									▲
	The latter was a second s		unand tasha a	no a constructo tractores	المالية المراجع ال	And the spectra bear to be for	a di kasharan (dalar)		
-51.0			and the property internet plants are			and a second	and the state of the	nandringh in an	
-61.0									
								04	
Start 10.0 #Res BW			#\	/BW 300 kH	lz		Swe		26.000 GHz s (8001 pts)
MSG						STATUS			

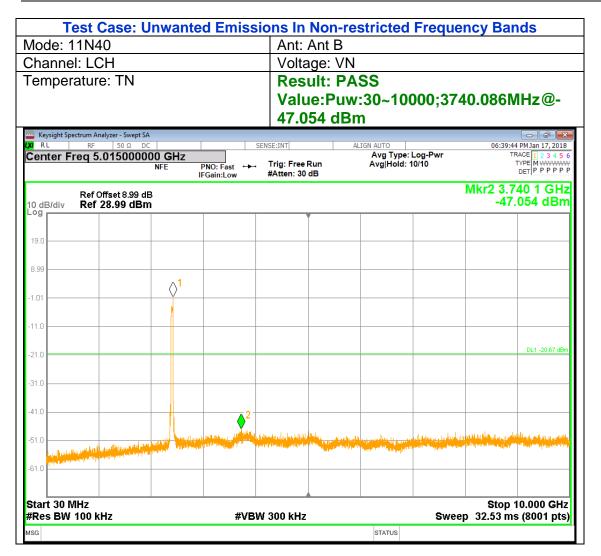
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	Test C	ase: Bandedg	je Compliance	
Mode: 11N40	Ant: Ant B		•	
Channel: LCH	Voltage: VN			
Temperature:	Result: PAS	SS Value:Pe	ak:-	
TN	0.552dBm;N	Max:2385.863	BMHz@-38.837d	Bm38.285dbc
Keysight Spectrum Analyzer - Sw				
<mark>04 RL RF 50 Ω Center Freq 2.4000(</mark>	00000 GHz	SENSE:INT ast ↔→ Trig: Free Rur .ow #Atten: 40 dB	ALIGN AUTO Avg Type: Log-P n Avg Hold: 10/10	06:39:16 PM Jan 17, 2018 Wr TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P
Ref Offset 8. 10 dB/div Ref 30.00				Mkr4 2.385 862 5 GHz -38.837 dBm
20.0				
10.0				
0.00				
-10.0			shuhahahahahamahahahahahahaha	e hyelve the described have been the facily
-20.0		2	¥	DL1 -20.55 dBm
-30.0			/	
-40.0	المدرو منظر المراجع والمحاصر ومعاد والمحاصر والمحاصر والمحاص	the for the transfer the the the the		
-50.0				
-60.0				
Center 2.40000 GHz #Res BW 100 kHz		#VBW 300 kHz		Span 100.0 MHz Sweep 1.067 ms (8001 pts)
MKR MODE TRC SCL	X	Y FUNCTIO	N FUNCTION WIDTH	FUNCTION VALUE
1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5	2.390 000 0 GHz	-0.552 dBm -34.238 dBm -41.018 dBm -38.837 dBm		
6 7 8				
9 10 11				
MSG			STATUS	

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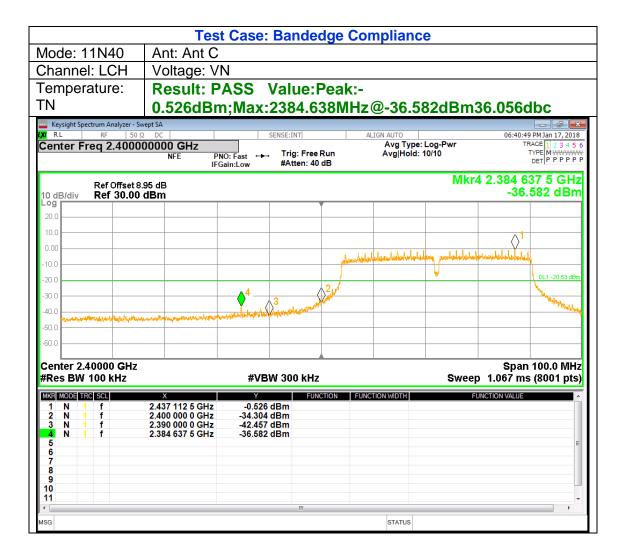
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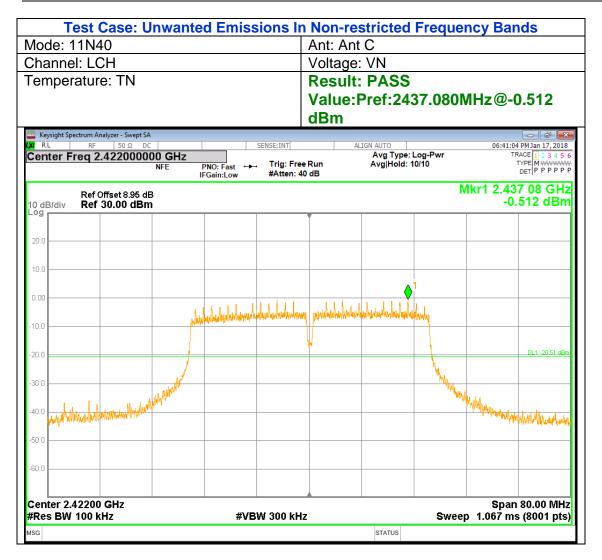
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Test Case: Unwanted Emissions In Non-restricted Frequency Bands				
Mode: 11N40	Ant: Ant B			
Channel: LCH	Voltage: VN			
Temperature: TN	Result: PASS			
	Value:Puw:10000-	-26000;25884.000MHz@-		
	43.017 dBm			
Keysight Spectrum Analyzer - Swept SA				
(X/ RL RF 50 Ω DC	SENSE:INT ALIGN AL	JTO 06:39:53 PM Jan 17, 2018		
Center Freq 18.00000000 GHz	T. E. D.	rg Type: Log-Pwr TRACE 1 2 3 4 5 6 g Hold: 10/10 TYPE M WWWW		
IFGain:Lov		DET PPPPP		
Ref Offset 8.99 dB 10 dB/div Ref 28.99 dBm		Mkr1 25.884 GHz -43.017 dBm		
Log				
19.0				
8.99				
-1.01				
-11.0				
-21.0		DL1 -20.67 dBm		
-21.0				
-31.0				
-41.0		\		
-51.0 different and a second strain the second strain seco		a faller an fallen af an anna an anna an anna an anna an anna an an		
-61.0				
Start 10.000 GHz #Res BW 100 kHz				
MSG	S	TATUS		

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Т	est Case: U	nwante	d Emiss	ions In	Non-res	stricted	Freque	ncy Bar	nds
Mode: 1	1N40			Ant: /	Ant C				
Channe	I: LCH			Volta	ge: VN				
Temper	ature: TN			Resi	ult: PA	SS			
•				Valu	e:Puw	:30~10	000;380	8.630N	/Hz@-
					90 dBn		,		-
	ctrum Analyzer - Swept SA								
	RF 50 Ω DC req 5.01500000		5	SENSE:INT	AL	IGN AUTO Avg Type:	l og-Pwr		6 PM Jan 17, 2018 RACE 1 2 3 4 5 6
	eq 5.0150000	NFE	PNO: Fast +++	Trig: Free F #Atten: 30 c		Avg Hold:			
	Ref Offset 8.95 dE	3	Gam.Low		-				08 6 GHz
10 dB/div Log	Ref 28.95 dBm						1	-47.	.090 dBm
				Ĭ					
19.0									
8.95		4							
-1.05									
-1.00									
-11.1									
									DL1 -20.51 dBm
-21.1									DE1 -20.51 0Dm
-31.1									
-31.1									
-41.1			2						
-51.1				البانية الرارية في مامالية. المانية المارين بمروك المالية			en della provinsi dalla Manadaria		
- 11 July - 10 July		al office a			,) atta	Analysis (Conditional), a			
-61.1									
Start 30 N #Res BW			#VB\	N 300 kHz			Swee		10.000 GHz s (8001 pts)
MSG						STATUS			

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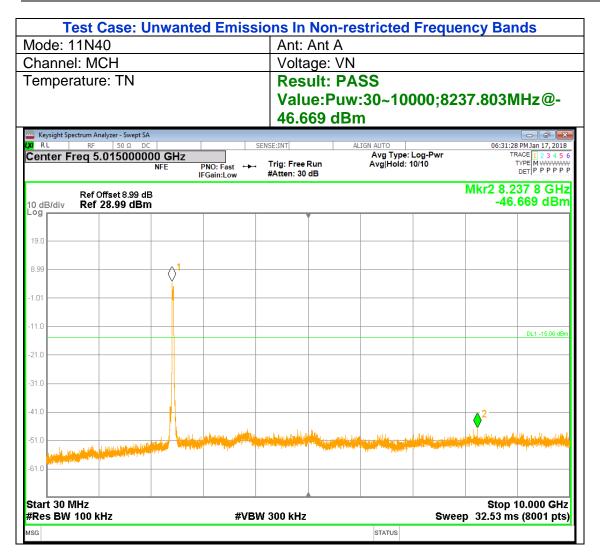
Т	est Case: L	Jnwante	d Emiss	sions In	Non-res	stricted	Freque	ncy Ban	ds
Mode: '	11N40		A	nt: Ant C)				
Channe	el: LCH		V	′oltage: \	/N				
Temper	rature: TN		R	lesult:	PASS				
			V	alue:P	uw:100	00~260	00;255 [,]	18.000N	/Hz@-
				4.194 d					
	ectrum Analyzer - Swept S								
Center F	RF 50 Ω D			SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr		PM Jan 17, 2018 ACE 1 2 3 4 5 6
Contor I	100 10.000000	NFE	PNO: Fast ++ FGain:Low	Trig: Free #Atten: 30		Avg Hold: 1	0/10	1	DET P P P P P
10 dB/div	Ref Offset 8.95 d Ref 28.95 dBr	в							.518 GHz 194 dBm
Log					T				
19.0									
0.05									
8.95									
-1.05									
-11.1									
-21.1									DL1 -20.51 dBm
-31.1									
-41.1									1
	4	a sur littanal	a data a com		ما الفرادية بالباري	المرابع والمعالية وا	والمعالية ومراجع المراجع المروح	and the first state	and a dealer and an industry
-51.1			allandi, allandi karata da basa. Allandi, allandi karata karata		A CALL REPORT OF A CALL REPORT	a to state of the state state state	And a second	and the state of the second	a la contra
-61.1									
Start 10.0 #Res BW		1	#VE	300 kHz	· · · · · · · · · · · · · · · · · · ·		Sweej	Stop 2 5 52.27 ms	26.000 GHz 5 (8001 pts)
MSG						STATUS			

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Middle Channel

/lode: 11N40			Ant: /	-restricted F Ant A	•				
Channel: MCH			Volta	Voltage: VN					
emperature: TN				ult: PASS e:Pref:242	2.090M	Hz@4.	944		
Keysight Spectrum Analyzer - Swe									
Center Freq 2.43700	NFE	PNO: Fast +++	SE:INT Trig: Free Run #Atten: 40 dB	ALIGN AUTO Avg Type: Lo Avg Hold: 10/		TRA	PM Jan 17, 2018 ACE 1 2 3 4 5 (YPE M WWWW DET P P P P P F		
Ref Offset 8.9 Ref 30.00 d					Μ	kr1 2.422 4.9	2 09 GHz 944 dBm		
og									
20.0									
10.0		1							
10.0		 ♦', , , , , , , , , , , ,							
0.00	-	haladushalan ang	which had a provided	lighter where the second second	dy -				
10.0									
			X		<u> </u>		DL1 -15.06 dBm		
20.0	- Current - Curr				- No				
30.0	W				(And the second s	Mala .			
Mar	phyllo -				·	"MARY AND THE PARTY AND THE PA	hallanter		
40.0	·						constrate direct		
50.0									
60.0									
enter 2.43700 GHz						Snap	80.00 MHz		
Res BW 100 kHz		#VBW	300 kHz		Sweep	1.067 ms			

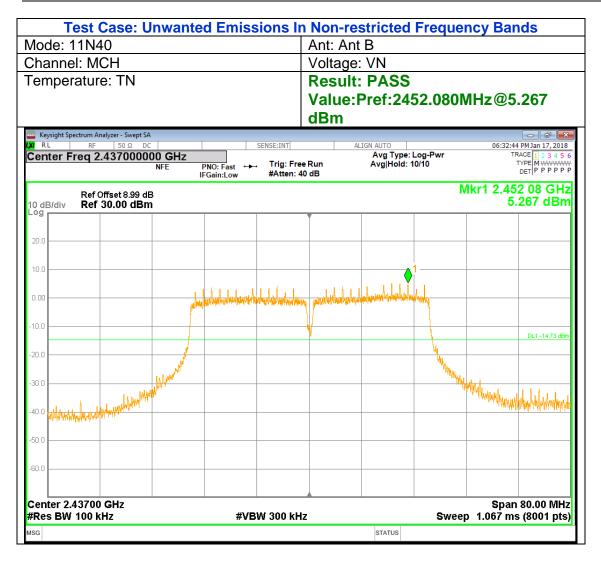
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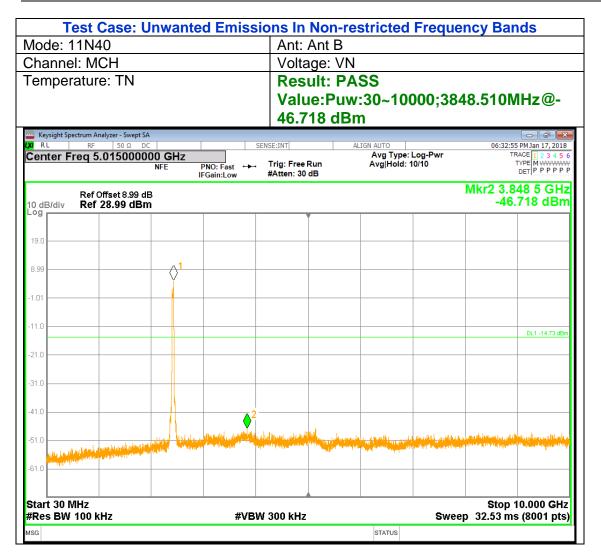
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Т	est Case	: Unwan	ted Emis	sions l	n Non-re	estricted	Freque	ncy Ban	ıds
Mode: 1	11N40			Ant: Ant	A				
Channe	el: MCH		1	Voltage:	VN				
Temper	rature: TN			Result:	PASS				
			1	Value:F	Puw:10	000~260	00;258	42.000N	/Hz@-
				43.908			·		
	ectrum Analyzer - Swe	·							
Center F	RF 50 Ω reg 18.0000		Z	SENSE:INT		ALIGN AUTO Avg Type:	Log-Pwr	TR	ACE 1 2 3 4 5 6
o or neor r		NFE		➡ Trig: Fre #Atten: 3		Avg Hold:	10/10	T	DET P P P P P
10 dB/div	Ref Offset 8.9 Ref 28.99 d								.842 GHz 908 dBm
Log									
19.0									
8.99									
-1.01									
-11.0									DL1 -15.06 dBm
-21.0									
-31.0									
-41.0									1
-41.0									a hara a Maranda A
-51.0	and the second state of th		a timbra da la cibra da carra. Mista contra contra carra				a delate any side of the line of the second s	al and a strange little for the set of	Real Log Real Provide Life of
	In the second	en self ferster .							
-61.0									
Start 10.0 #Res BW			#V	'BW 300 KH	lz		Swee		26.000 GHz s (8001 pts)
MSG						STATUS			

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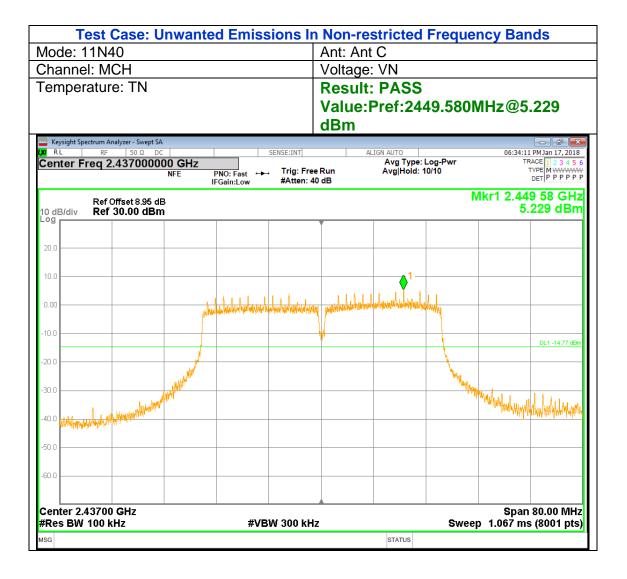
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Т	est Case: U	nwanted	Emiss	ions In I	Non-res	stricted	Freque	ency Bar	nds
Mode: '	11N40		A	nt: Ant B					
Channe	el: MCH		Vo	oltage: V	N				
Temper	rature: TN		R	esult: P	ASS				
			V	alue:Pu	w:100	00~260	00;256	14.000N	/Hz@-
				4.226 dE					
	pectrum Analyzer - Swept SA	1							
Center F	RF 50 Ω DC	000 GHz		SENSE:INT	AL	IGN AUTO Avg Type:	Log-Pwr	TF	4 PM Jan 17, 2018 RACE 1 2 3 4 5 6
o o nicor i	100 101000000	NFE PNC): Fast ↔→→ in:Low	Trig: Free R #Atten: 30 d		Avg Hold: 1	10/10		DET PPPPP
10 dB/div	Ref Offset 8.99 dE Ref 28.99 dBm								.614 GHz 226 dBm
Log									
19.0									
8.99									
-1.01									
-11.0									DL1 -14.73 dBm
-21.0									
-21.0									
-31.0									
									A1
-41.0									
-51.0	and the second		din di serie de la composita d Na composita de la composita de			an bablis della ba			- Itan Maria
	and a subscription of the	Para 1	 Transformed and the second seco	ا رور بلاده م					
-61.0									
Start 10.0 #Res BW			#VB	W 300 kHz			Swee	Stop 2 ep 52.27 ms	26.000 GHz s (8001 pts)
MSG						STATUS			

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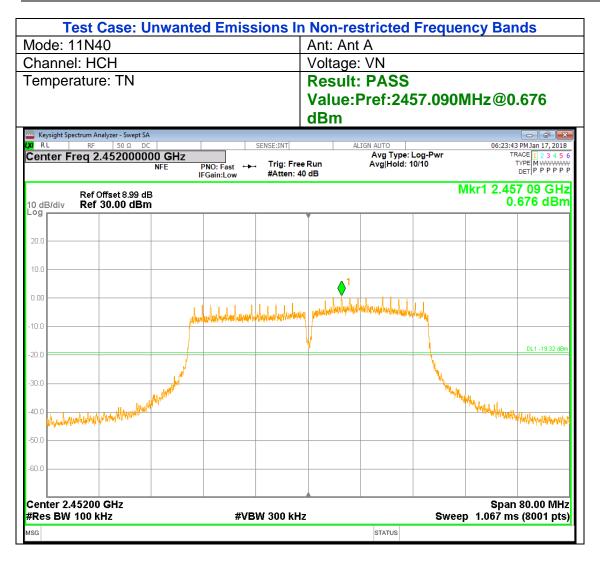
Test Cases			Non ro	-trioted	Free Street	new Den	de
	Unwanted Er			stricted	Freque	ncy Ban	as
Mode: 11N40		Ant: Ant (2				
Channel: MCH		Voltage:	VN				
Temperature: TN		Result:	PASS				
I		Value:P		00~260	00.2550		/Hz@_
		44.648 c		00~200	00,200.		
— K 1100 - k 1 - 0 - 10		44.040 0	IDIII				
Keysight Spectrum Analyzer - Swept S Keysight Spectrum Analyzer - Swept S Keysight Spectrum Analyzer - Swept S	DC	SENSE:INT	AL	IGN AUTO			PM Jan 17, 2018
Center Freq 18.00000	0000 GHz	ar 🛻 Trig: Free	Run	Avg Type: Avg Hold: 1		TR	
	NFE PNO: Fas IFGain:Lo			Arginola. I			DETPPPPP
Ref Offset 8.95 o	dB						.590 GHz
10 dB/div Ref 28.95 dB	m					-44.	648 dBm
			Ť				
19.0							
8.95							
-1.05							
-11.1							DL1 -14.77 dBm
-21.1							
-31.1							
-41.1							0 ¹
-51.1			والمنظر ورويه المراجع	and a state of the	ويتقاده والمرود والمقالي		transfelling all frein.
-51.1		n na stille alle de die beginnen strebei in die Nationale station open alle stationer stationer die			and the party of the planet.	an a	al milation of an and a second
-61.1							
Start 10.000 GHz					-		6.000 GHz
#Res BW 100 kHz		#VBW 300 kHz			Swee	p 52.27 ms	s (8001 pts)
MSG				STATUS			

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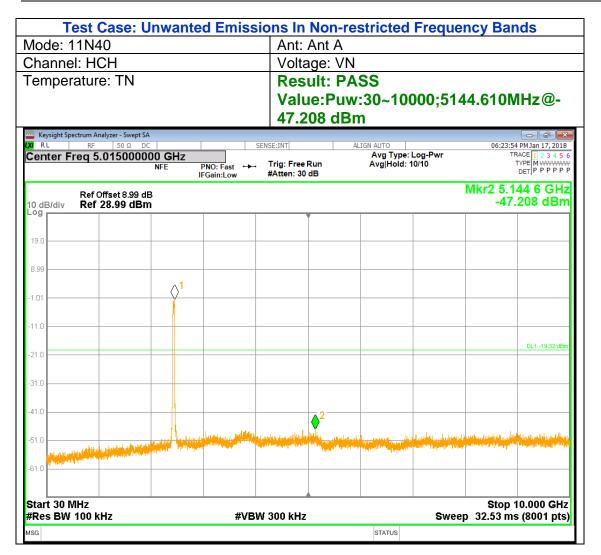
<u>High Channel</u>

	Test Cas	se: Bandedge C	ompliance	
Mode: 11N40	Ant: Ant A			
Channel: HCH	Voltage: VN			
Temperature:	Result: PASS	5		
TN	Value:Peak:0	.751dBm;Max:	2483.700MHz@-	
	39.137dBm39			
Keysight Spectrum Analyzer - Sw	· ·			
ୟା RL RF 50 ସ Center Freq 2.4835।		SENSE:INT Trig: Free Run #Atten: 40 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	06:23:27 PM Jan 17, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P
Ref Offset 8.	99 dB		Mkr4	2.483 700 0 GHz -39.137 dBm
10 dB/div Ref 30.00	abm	The second secon		
20.0				
10.0	\wedge ¹			
0.00	have presidente to manufactured and and and			
-10.0	V			DL1 -19.25 dBm
-30.0		N		
-40.0		the state of the s		
-50.0			onthe and the second and a start and a stranged of the second and the second and the second as the second as the	herror and a strange day administration of the second second second second second second second second second s
-60.0				
Center 2.48350 GHz				Span 100.0 MHz
#Res BW 100 kHz	#	VBW 300 kHz	Sweep	1.067 ms (8001 pts)
MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f	2.483 500 0 GHz -41	.751 dBm .404 dBm	UNCTION WIDTH FUI	ACTION VALUE
3 N 1 f 4 N 1 f 5		.188 dBm .137 dBm		
6 7				
8				
9 10				
11 <		III		• •
MSG			STATUS	

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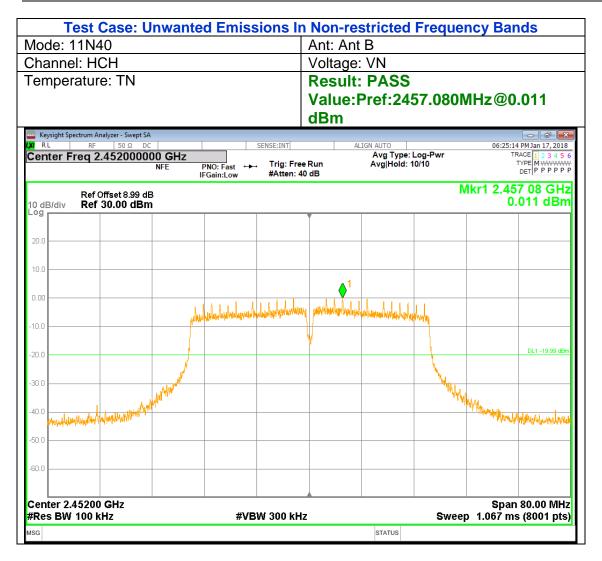
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Т	est Case:	Unwant	ed Emis	sions Ir	Non-re	estricted	Freque	ncy Bar	nds
Mode: 1	11N40		/	Ant: Ant	A				
Channe	el: HCH		١	/oltage:	VN				
Temper	rature: TN		-	Result:	PASS				
			`	/alue:P	uw:100	00~260	00;259	86.000N	/Hz@-
			4	43.935 d	dBm				
Keysight Sp	ectrum Analyzer - Swept RF 50 Ω	SA DC	1 1	SENSE:INT		ALIGN AUTO		06:24:02	B PM Jan 17, 2018
	req 18.00000	0000 GHz				Avg Type:		TF	RACE 1 2 3 4 5 6
		NFE	PNO: Fast ↔ IFGain:Low	➡ Trig: Free #Atten: 3		Avg Hold:	10/10		DET PPPPP
10 dB/div	Ref Offset 8.99 Ref 28.99 dB								.986 GHz 935 dBm
Log									
19.0									
8.99									
-1.01									
-11.0									
-21.0									DL1 -19.32 dBm
-31.0									
-41.0									1
						eles parente la filia en la la	Martina fortants	and the second second second second	telestereter, tratting
-51.0								an an an dae dit setti terretai	al for free from the start in the start of the
-61.0									
51.0									
Start 10.0 #Res BW			#V	BW 300 kH	z		Swee	Stop 2 p 52.27 ms	26.000 GHz s (8001 pts)
MSG						STATUS			

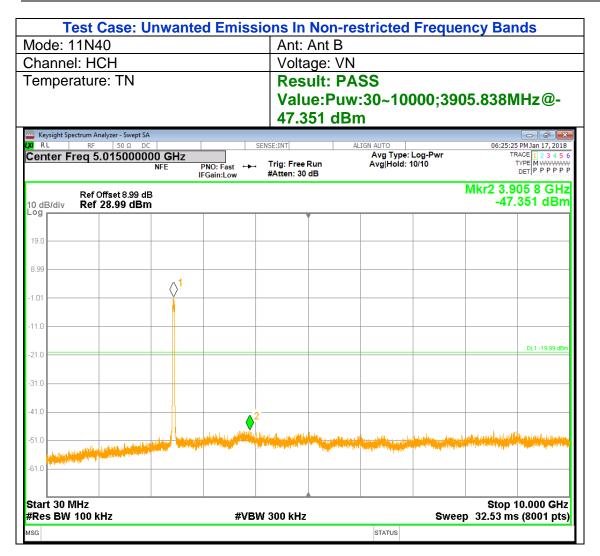
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	Test Ca	se: Bandedge C	ompliance	
Mode: 11N40	Ant: Ant B			
Channel: HCH	Voltage: VN			
Temperature:	Result: PAS	s		
TN			2484.088MHz@-	
	39.144dBm3		2404.000IVITZ@-	
Keysight Spectrum Analyzer - Sw		9.242000		
LXI RL RF 50 Ω	DC	SENSE:INT	ALIGN AUTO	06:24:59 PM Jan 17, 2018
Center Freq 2.48350	NFE PNO: Fast IFGain:Lov		Avg Type: Log-Pwr Avg Hold: 10/10	TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P
Ref Offset 8. 10 dB/div Ref 30.00			Mkr4	2.484 087 5 GHz -39.144 dBm
10 dB/div Ref 30.00				00.144 0.011
20.0				
10.0	1			
0.00	here and marked and a hard a	h		
-10.0	V			DL1 -19.90 dBm
-20.0				DET -TS.SU GDM
-30.0			3	
-40.0		- manual and and and and	Mayles meriline and a first and a second she will be she and a second second second second second second second	hearturan with service Martines Country Relayer and sh
-50.0				
-60.0				
Center 2.48350 GHz #Res BW 100 kHz		#VBW 300 kHz	Sweep	Span 100.0 MHz 1.067 ms (8001 pts)
MKR MODE TRC SCL	X		UNCTION WIDTH FUI	ACTION VALUE
1 N 1 f 2 N 1 f		0.098 dBm 3.197 dBm		
3 N 1 f 4 N 1 f		3.221 dBm 9.144 dBm		
5	2.404 007 0 0112 -0			8
7				
8				
10 11				
		III		•
MSG			STATUS	

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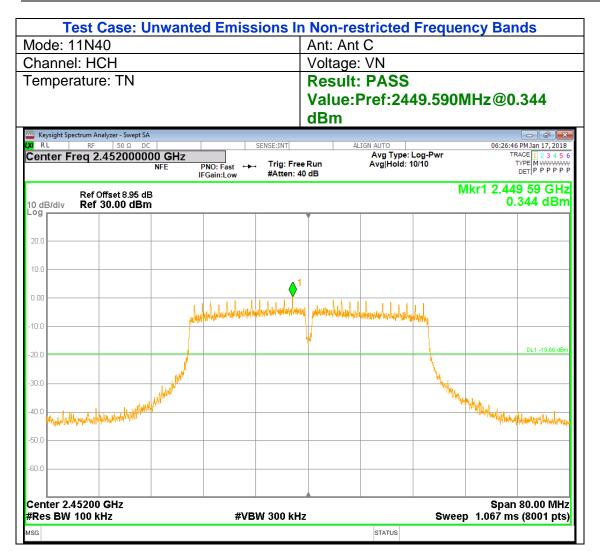
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Test Case: Unv	vanted Emis	sions In N	lon-restr	icted Frequ	ency Bar	nds
Mode: 11N40		Ant: Ant B		•		
Channel: HCH	\	Voltage: VN	١			
Temperature: TN		Result: P/				
•	•	Value:Puv	v:10000	~26000;25	568.000N	/Hz@-
		44.053 dB		,		
Keysight Spectrum Analyzer - Swept SA						
X RL RF 50Ω DC		SENSE:INT	ALIGN A	AUTO		5 PM Jan 17, 2018 RACE 1 2 3 4 5 6
Center Freq 18.00000000 NFE		Trig: Free Ru #Atten: 30 dB	n A	vg Hold: 10/10		
Ref Offset 8.99 dB 10 dB/div Ref 28.99 dBm						.568 GHz 053 dBm
Log						
19.0						
8.99						
-1.01						
-11.0						
-21.0						DL1 -19.99 dBm
-31.0						
-41.0						1
-51.0		and the second	A STATE AND A STATE OF A STATE			te dan telas latare apartal da latar Para da sera da se
	UALIAN (MARINA AND AND AND AND AND AND AND AND AND A	h Dhuadha dhean bha bha bha bha an	a dan ce e colongia	and the second		
-61.0						
Start 10.000 GHz #Res BW 100 kHz	#V	BW 300 kHz		SWe	Stop 2 eep 52.27 me	26.000 GHz s (8001 pts)

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	Test Ca	ase: Bandeo	lae Cor	npliance		
Mode: 11N40	Ant: Ant C		V			
Channel: HCH	Voltage: VN					
Temperature:	Result: PAS	S				
TN	Value:Peak:	-	Max.2	180 613M	H7@_	
	39.784dBm4			403.01 JIVI	112@-	
Keysight Spectrum Analyzer - Sw		+0.2 TJUDC				
LXI RL RF 50 Ω	DC	SENSE:INT	Al	LIGN AUTO	_	06:26:31 PM Jan 17, 2018
Center Freq 2.48350	NFE PNO: Fa			Avg Type: Log Avg Hold: 10/10		TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P
Ref Offset 8.9					Mkr4 2	.489 612 5 GHz -39.784 dBm
10 dB/div Ref 30.00 (dBm		,			-39.764 UBII
20.0						
10.0	1					
0.00 h.h.h.h.h.h.h.	my mulahelarestudionalehelen	L.k				
-10.0						
-20.0	,					DL1 -19.57 dBm
-30.0		New Martine	2 4	\wedge^3		
-40.0		" " " " " " " " " " " " " " " " " " "	Jiliyan Afartas (not affer fragmante	anter and a subject of the state	mallenalismanilari	-homenentry marketing
-50.0						
-60.0						
Center 2.48350 GHz #Res BW 100 kHz		#VBW 300 kHz			Sweep 1	Span 100.0 MHz .067 ms (8001 pts)
MKR MODE TRC SCL	Х	Y FUNC	TION FUNC	TION WIDTH	FUNCT	ION VALUE
1 N 1 f 2 N 1 f	2.449 600 0 GHz 2.483 500 0 GHz	0.429 dBm 41.314 dBm				
3 N 1 f 4 N 1 f	2.500 000 0 GHz -	43.877 dBm 39.784 dBm				
5	2.469 012 5 GHZ -	59.764 UDIII				E
6 7						
8						
10						
		III				
MSG				STATUS		

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Т	est Case: Ur	nwante	ed Emiss	ions In N	on-restric	cted Frequ	ency Ba	nds			
Mode: '				Ant: Ar							
Channe	el: HCH			Voltage: VN							
Tempe	rature: TN			Resul	Result: PASS						
				Value	:Puw:30	~10000;38	43.525	/Hz@-			
				46.567		,					
	ectrum Analyzer - Swept SA										
XI RL Center F	RF 50 Ω DC req 5.01500000			SENSE:INT	ALIGN AUT	TYPE: Log-Pwr		7 PM Jan 17, 2018 RACE 1 2 3 4 5 6			
		NFE	PNO: Fast +++	Trig: Free Run #Atten: 30 dB		Hold: 10/10		DET PPPPP			
	Ref Offset 8.95 dB							343 5 GHz			
10 dB/div	Ref 28.95 dBm						-40	.567 dBm			
19.0											
8.95											
0.55		() ¹									
-1.05		<u>_</u>									
-11.1											
-21.1								DL1 -19.66 dBm			
-21.1											
-31.1											
-41.1			2 2								
-51.1				والتحاجزة فيحرب والمحاد	مرالي خيالي	and the first of the		interfact and an effort.			
- the stand			a second s	and the output photon of the first of	a part of the first of the last	The sale is the second s	line of the second second	in the second			
-61.1	Makelin, , , , , , , , , , , , , , , , , , ,										
Start 30 P	VIHz 100 kHz		#1/01	W 300 kHz				10.000 GHz			
FRES BW			#VB	W 300 KMZ	07	ATUS	ep 32.33 m	s (8001 pts)			
Del					SI	105					

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Test Case: Unwanted Emissions In Non-restricted Frequency Bands			
Mode: 11N40	Ant: Ant C		
Channel: HCH	Voltage: VN		
Temperature: TN	Result: PASS		
·	Value:Puw:10000~26000;25958.000MHz@-		
	44.815 dBm		
Keysight Spectrum Analyzer - Swept SA			
X RL RF 50 Ω DC		N AUTO Avg Type: Log-Pwr	06:27:07 PM Jan 17, 2018 TRACE 1 2 3 4 5 6
Center Freq 18.00000000 GHz NFE PNO: Fast IFGain:Low	Talas Francis Bran	Avg Hold: 10/10	TYPE M WWWW DET P P P P P
Ref Offset 8.95 dB Mkr1 25.958 GHz			
10 dB/div Ref 28.95 dBm			-44.815 dBm
209			
19.0			
8.95			
-1.05			
-1.05			
-11.1			
			DL1 -19.66 dBm
-21.1			
-31.1			
-31.1			
-41.1			1 <mark>/</mark>
	martin innana artifetin samma latta a selatu i un arti	فسيعطيه المرابع والمترين المحرب والمتعادية	a hand different of him hand a shift in
-51.1 shall be the standard in the standard st			and a quantification of a many stability of the state of the state
-61.1			
Start 10.000 GHz Stop 26.000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 52.27 ms (8001 pts)			
MSG		STATUS	

Note: All transmission modes and antennas were tested, but only the worst data was recorded in the report.

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