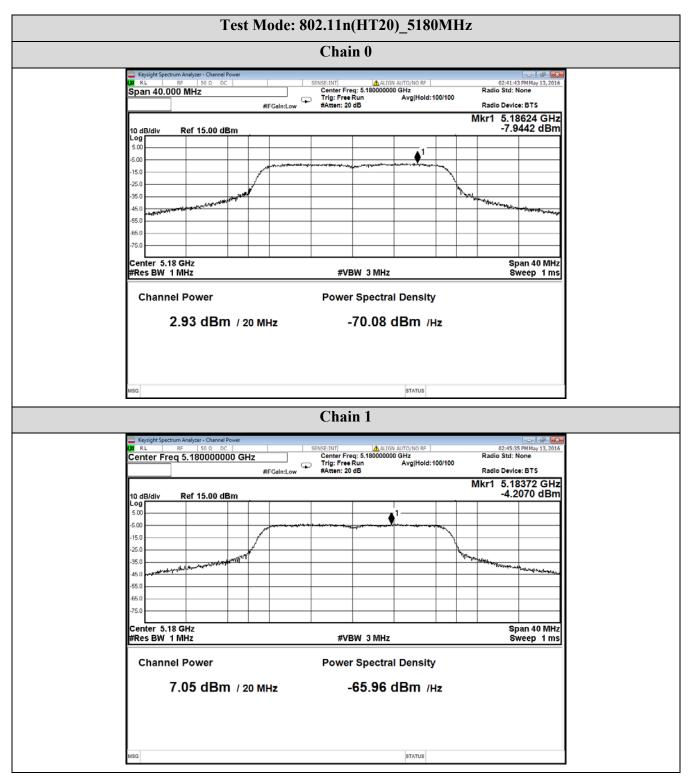
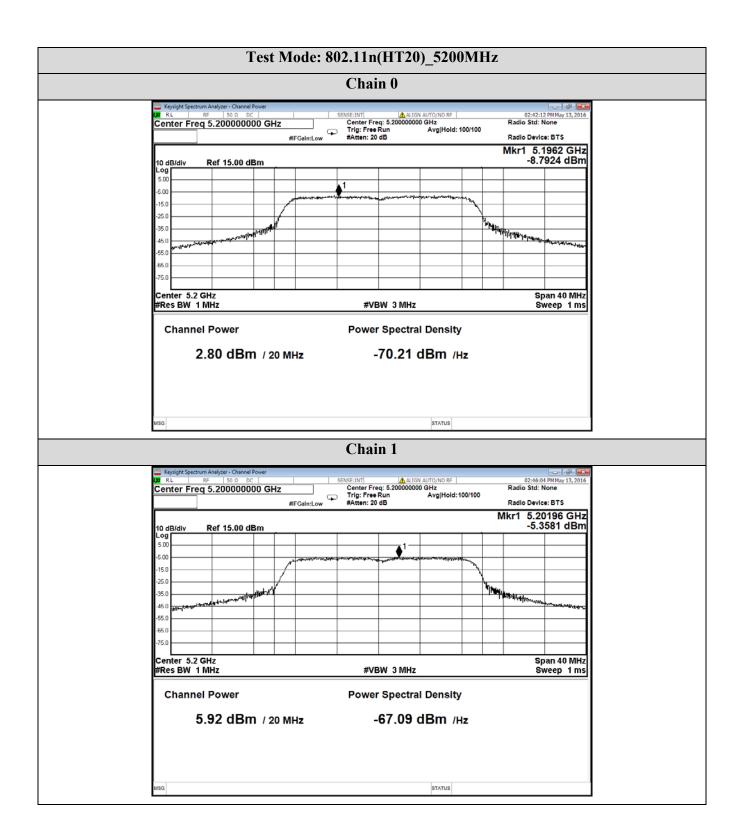
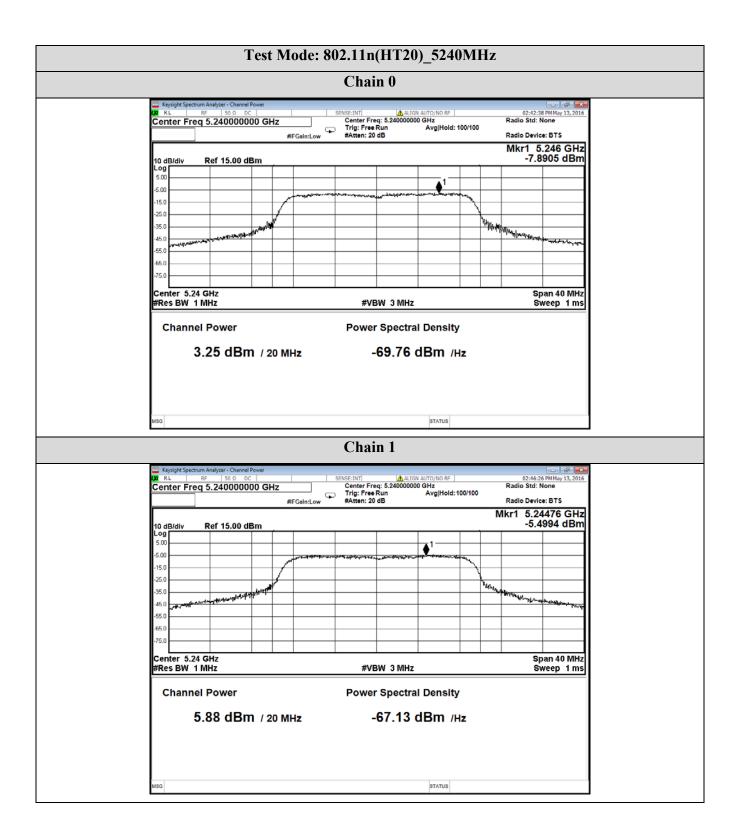
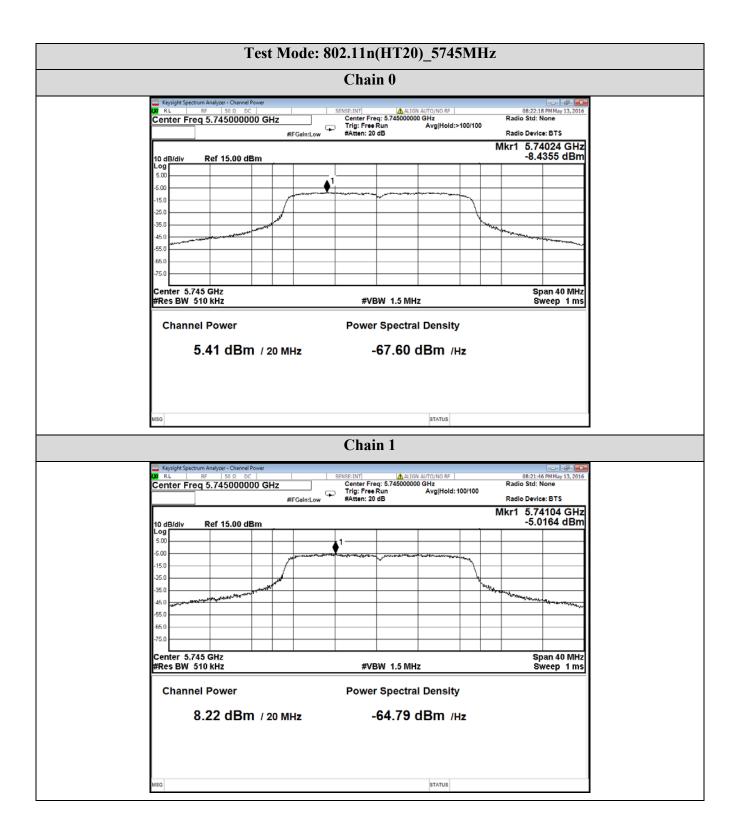


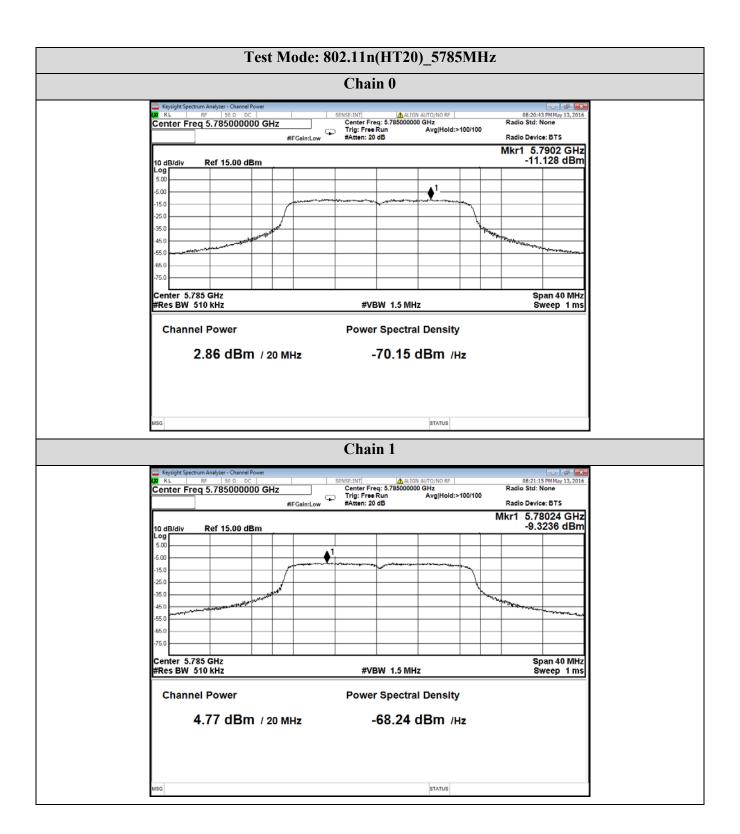
MIMO Mode-Test Data

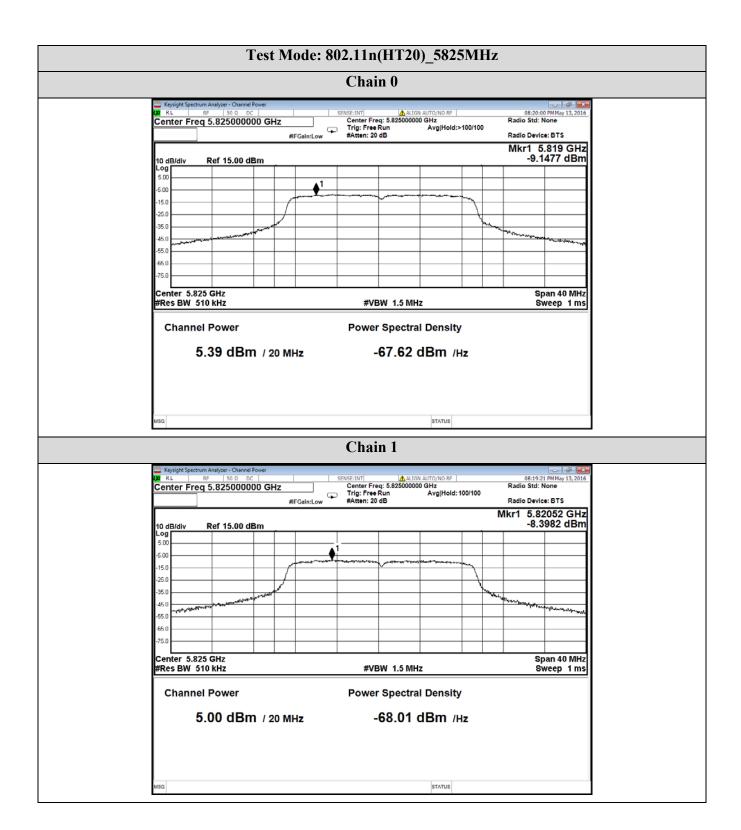


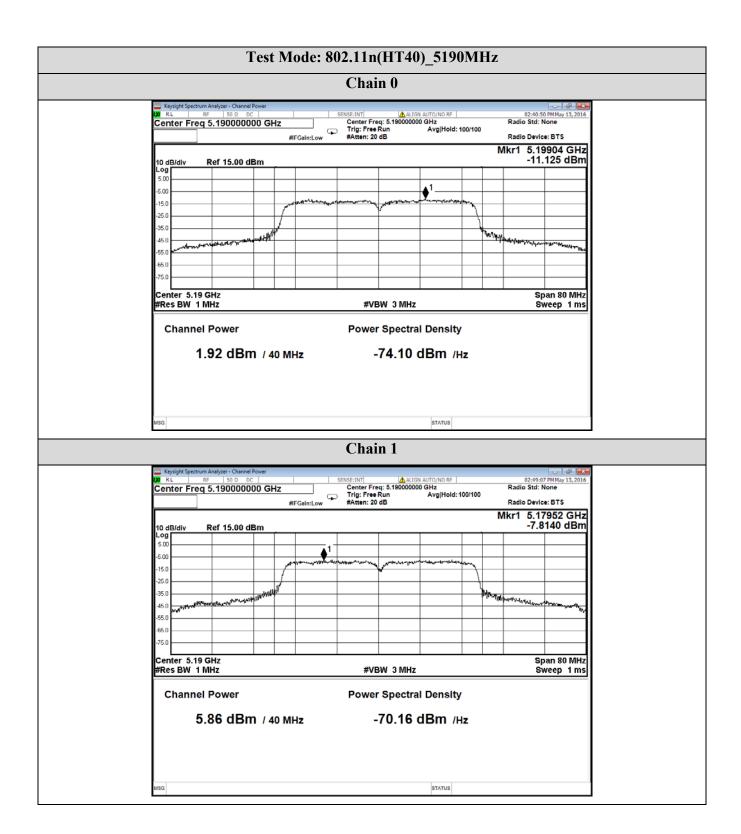


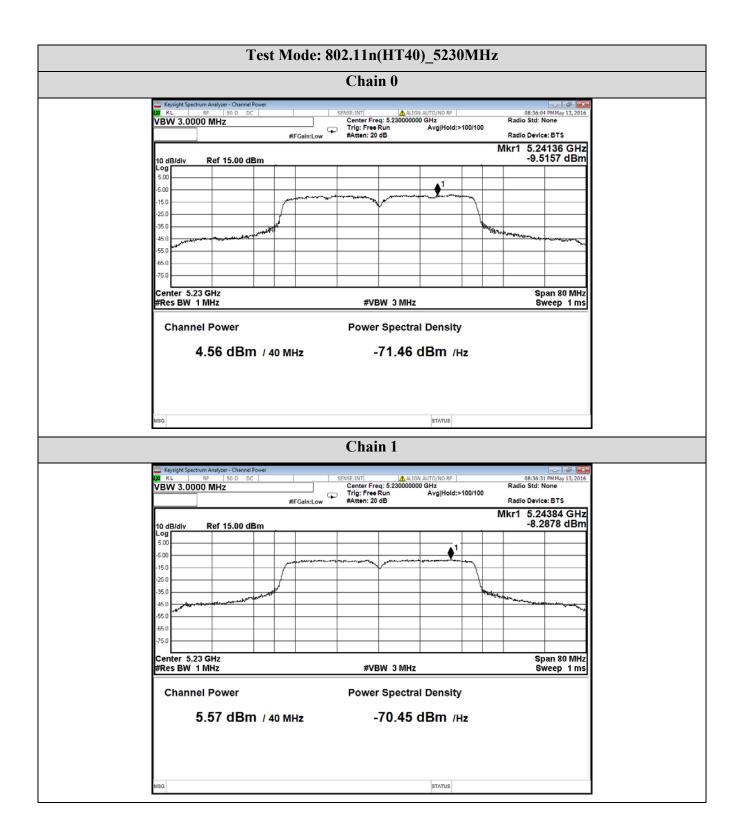


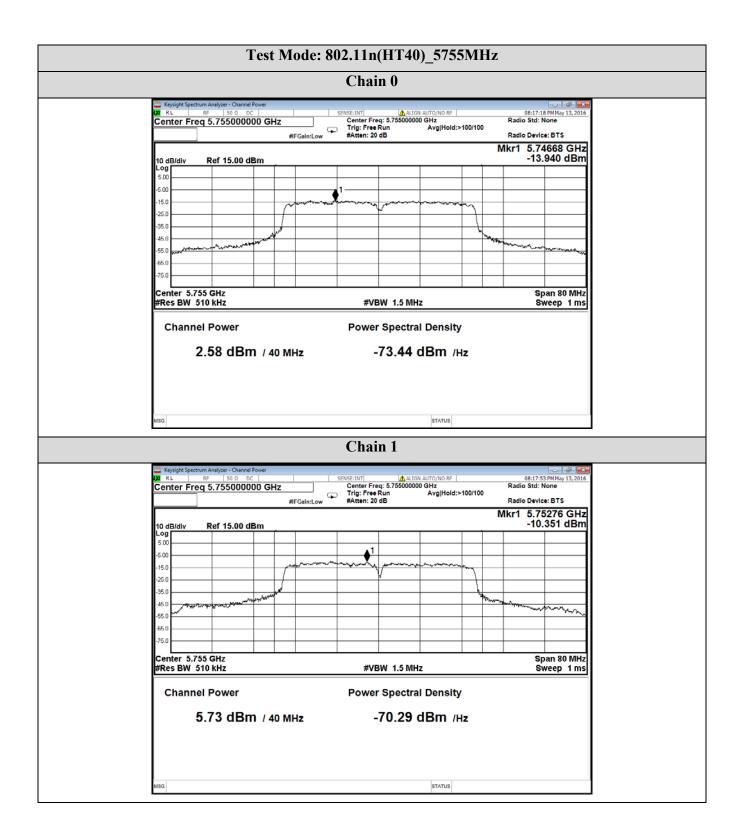


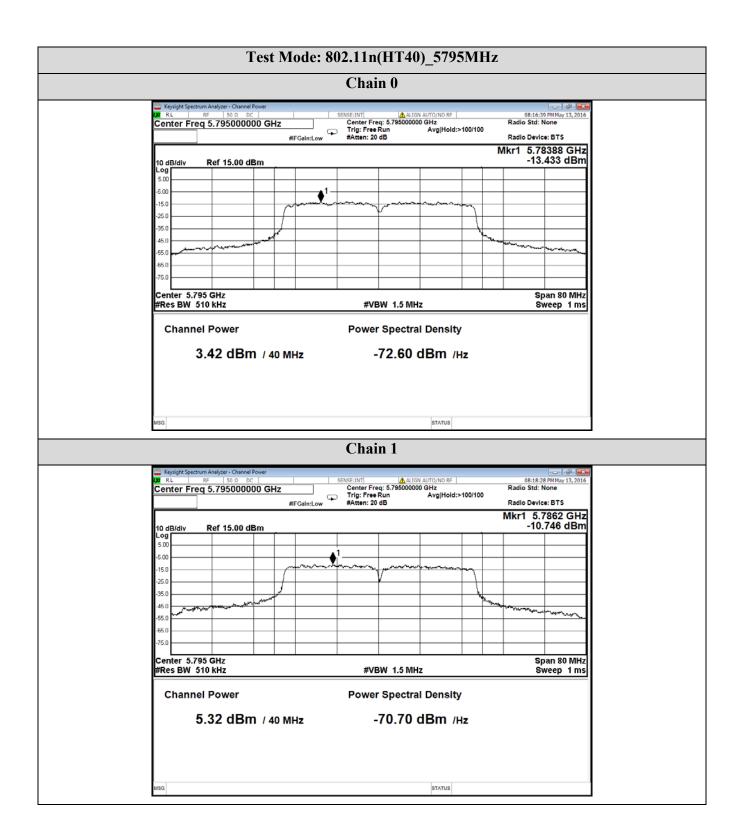












6.4 6 dB Bandwidth

6 dB Bandwidth was performed by coupling the output of the EUT to the input of a spectrum analyzer.

6.4.1 Limit

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

6.4.2 Test Procedure (789033 D02 v01r02 Section C.2)

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) ≥ 3 RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.4.3 Test Data

The EUT complied with the FCC Part 15.407 6 dB bandwidth requirements.

Table 9 provides the test results for Occupied bandwidth. (all the data attached was use the worst case data rate)

6.4.4 Areas of Concern

None.

Table 9: 6 dB Bandwidth

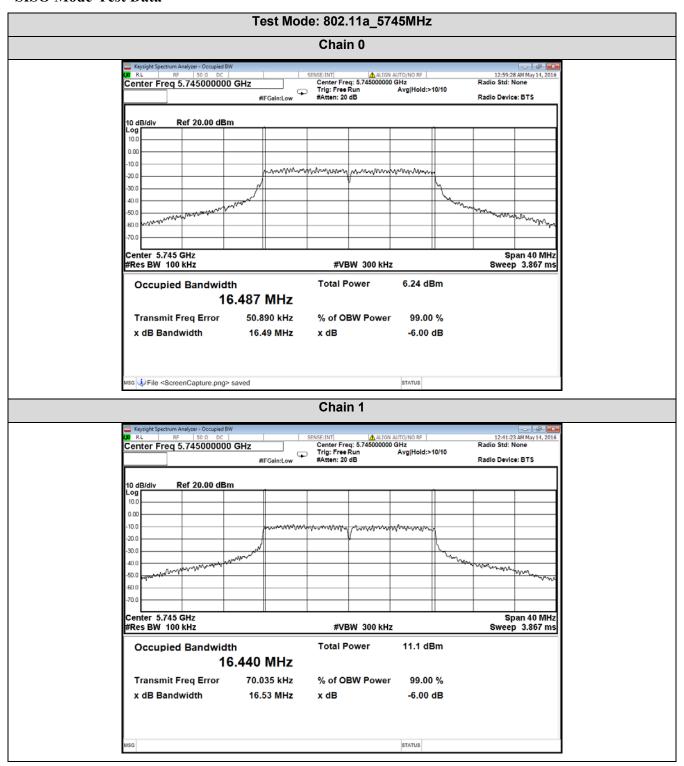
SISO Mode-Test Data

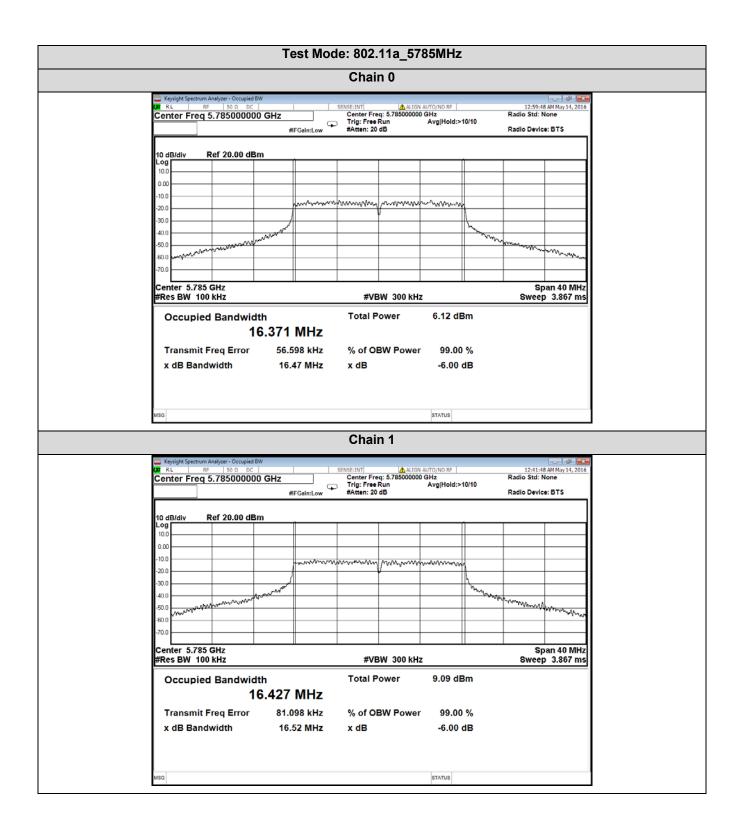
Mode	Channel Frequency (MHz)	Antenna Port	6 dB Bandwidth (MHz)	99% Bandwidth (MHz)	6 dB Bandwidth Limit	Result (Pass / Fail)
	149 (5745)	Chain 0	16.49	16.487	> 500 kHz	Pass
		Chain 1	16.53	16.440	> 500 kHz	Pass
802.11a	157 (5785)	Chain 0	16.47	16.371	> 500 kHz	Pass
002.11a	137 (3763)	Chain 1	16.52	16.427	> 500 kHz	Pass
	165 (5825)	Chain 0	16.50	16.402	> 500 kHz	Pass
	103 (3623)	Chain 1	16.48	16.404	> 500 kHz	Pass
	149 (5745)	Chain 0	17.71	17.626	> 500 kHz	Pass
	149 (3743)	Chain 1	17.37	17.562	> 500 kHz	Pass
802.11n	157 (5785)	Chain 0	17.65	17.571	> 500 kHz	Pass
(HT20)		Chain 1	17.63	17.600	> 500 kHz	Pass
	165 (5825)	Chain 0	17.37	17.597	> 500 kHz	Pass
	103 (3623)	Chain 1	17.60	17.629	> 500 kHz	Pass
	151 (5755)	Chain 0	35.82	36.125	> 500 kHz	Pass
802.11n	131 (3733)	Chain 1	33.89	35.953	> 500 kHz	Pass
(HT40)	159 (5795)	Chain 0	36.36	36.066	> 500 kHz	Pass
	137 (3773)	Chain 1	35.25	35.920	> 500 kHz	Pass

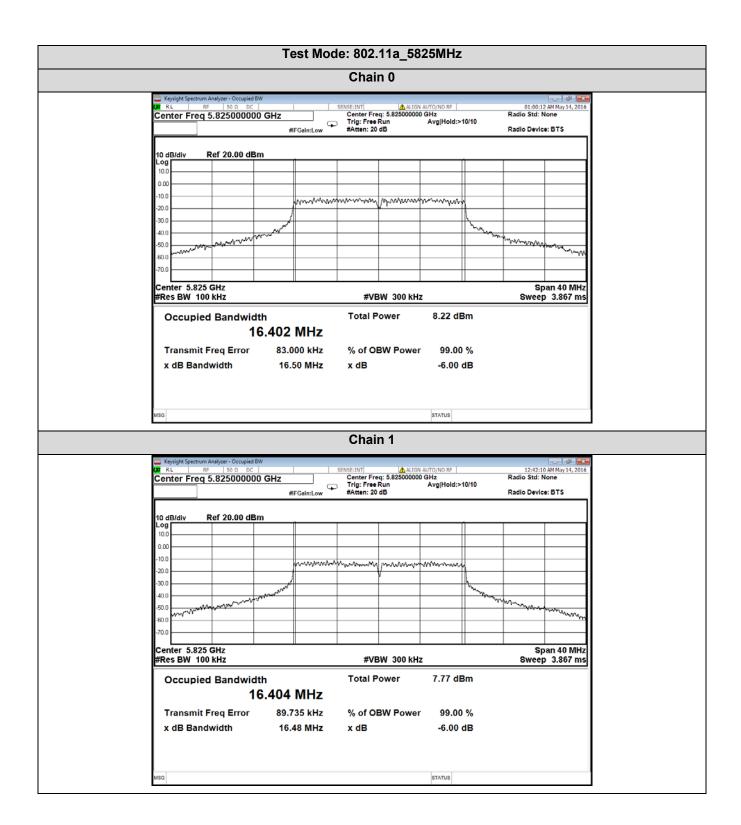
MIMO Mode-Test Data

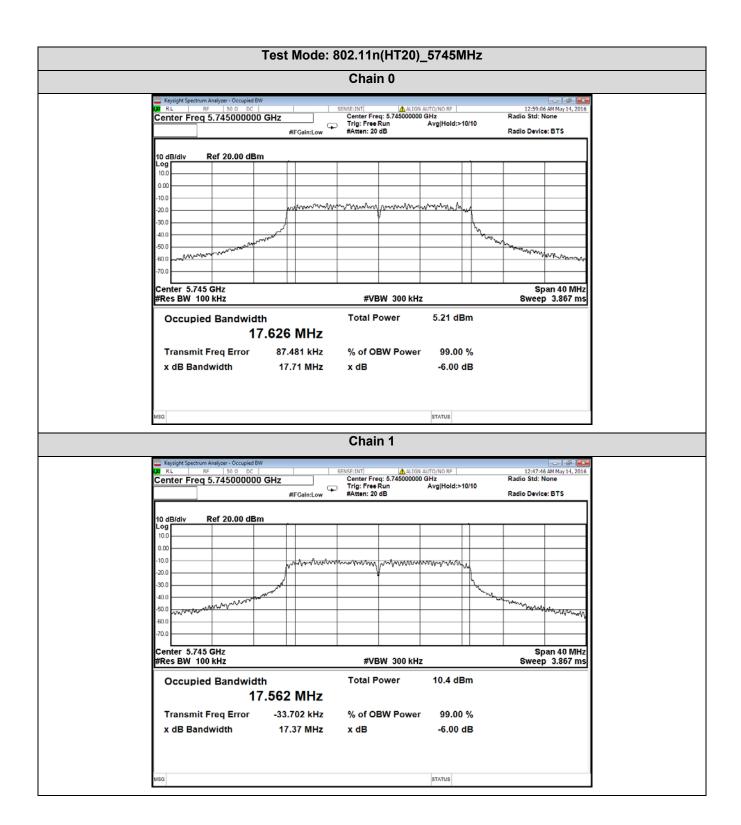
Mode	Channel Frequency (MHz)	Antenna Port	6 dB Bandwidth (MHz)	99% Bandwidth (MHz)	6 dB Bandwidth Limit	Result (Pass / Fail)
	149 (5745)	Chain 0	17.63	17.541	> 500 kHz	Pass
	117 (3713)	Chain 1	17.74	17.633	> 500 kHz	Pass
802.11n	157 (5785)	Chain 0	17.63	17.557	> 500 kHz	Pass
(HT20)		Chain 1	17.60	17.585	> 500 kHz	Pass
	165 (5825)	Chain 0	17.32	17.581	> 500 kHz	Pass
	103 (3023)	Chain 1	17.61	17.584	> 500 kHz	Pass
	151 (5755)	Chain 0	35.78	36.050	> 500 kHz	Pass
802.11n	131 (3733)	Chain 1	35.22	35.976	> 500 kHz	Pass
(HT40)	159 (5795)	Chain 0	35.16	35.867	> 500 kHz	Pass
	139 (3793)	Chain 1	34.56	35.994	> 500 kHz	Pass

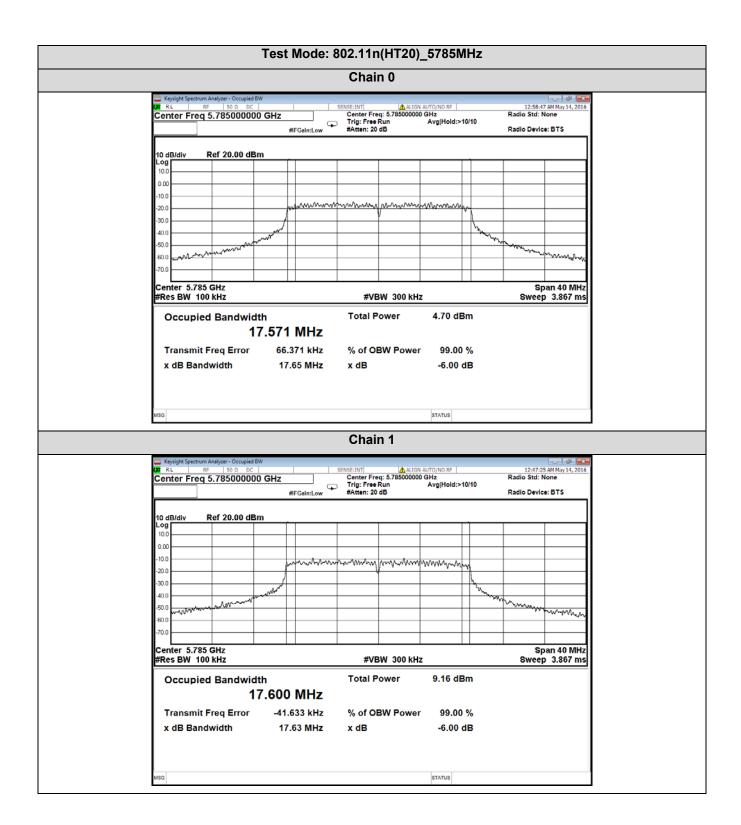
SISO Mode-Test Data

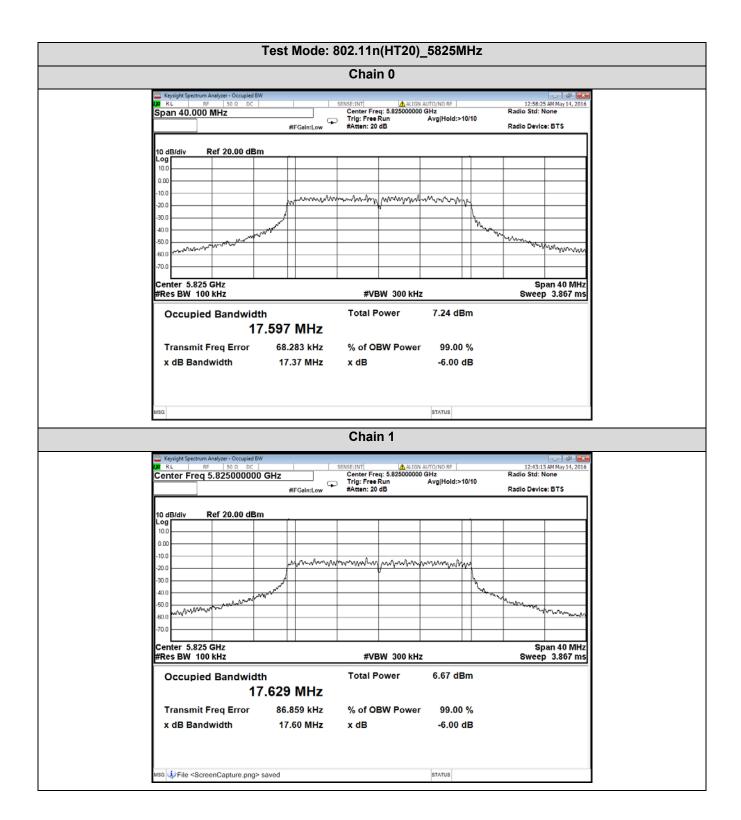


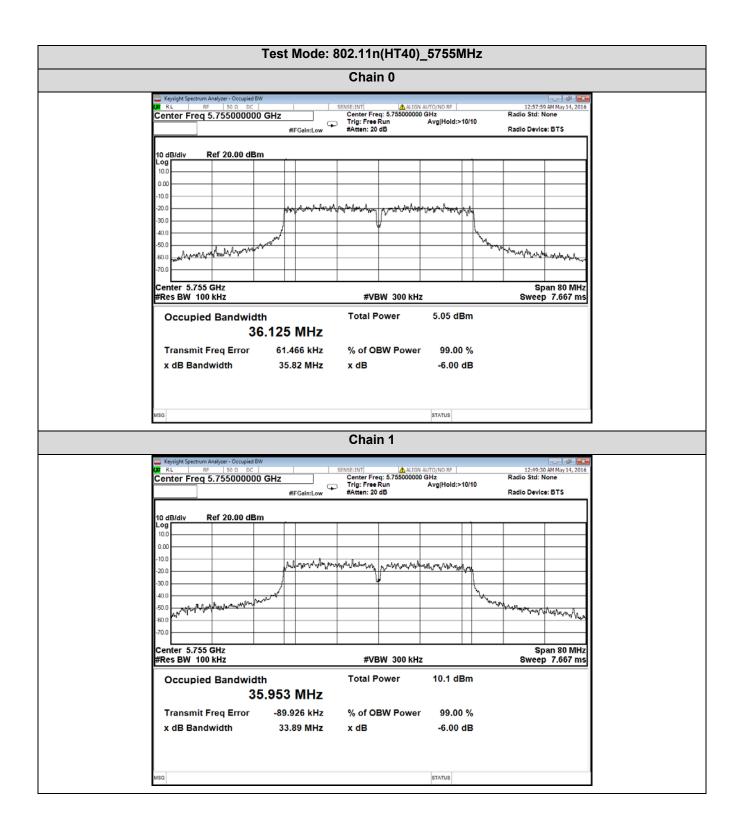


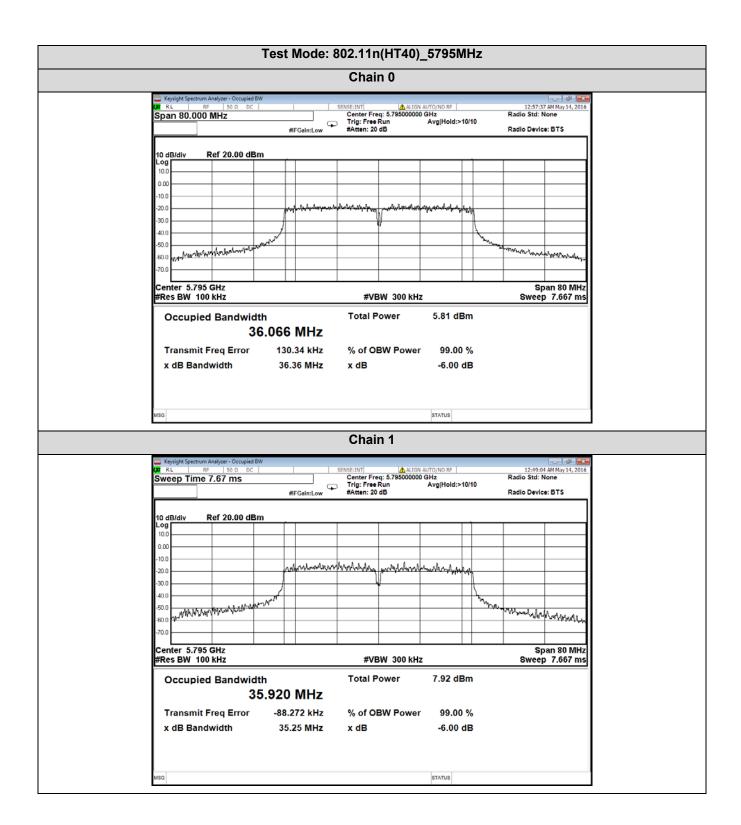




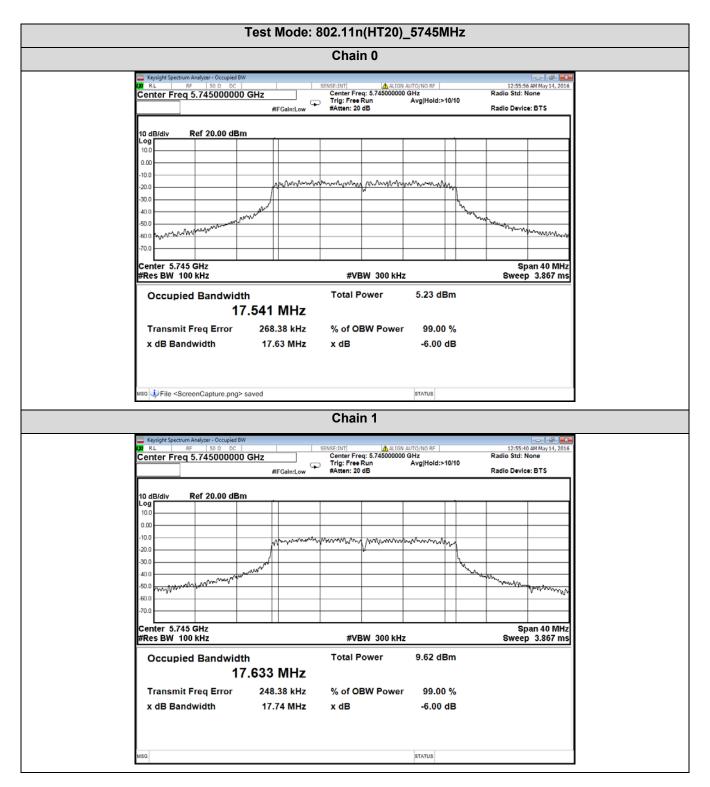


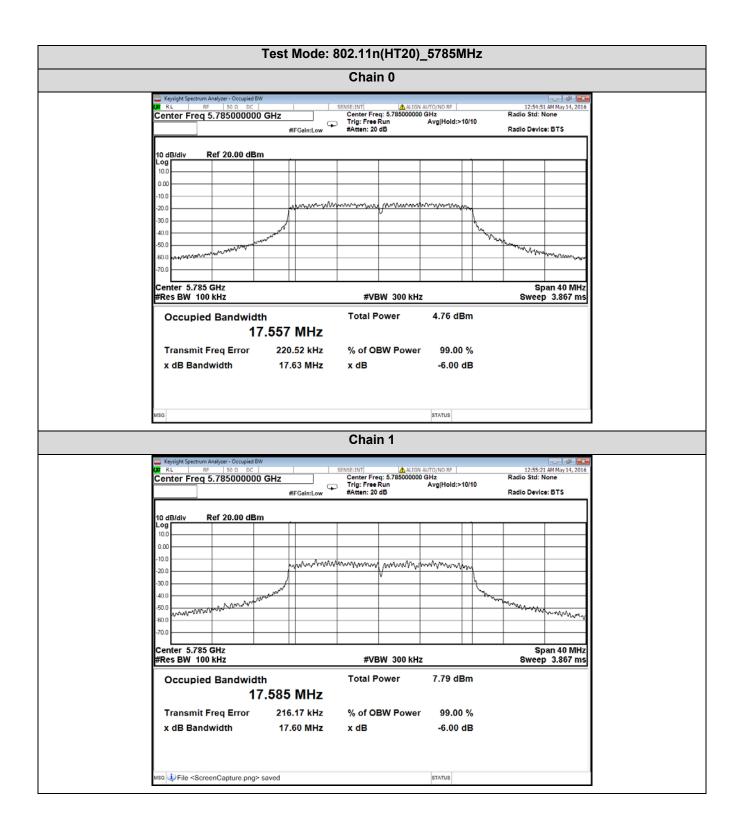


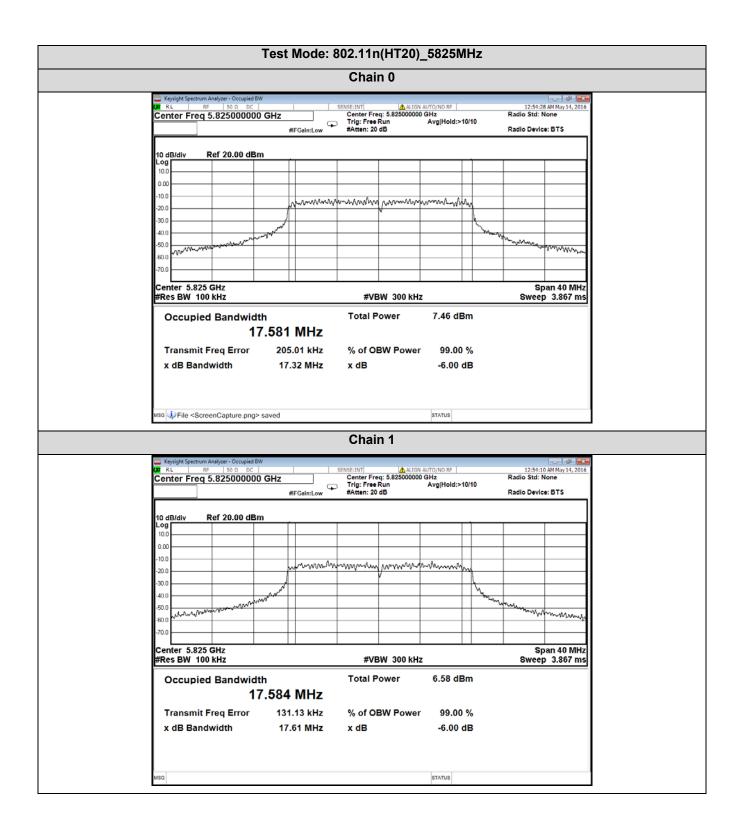


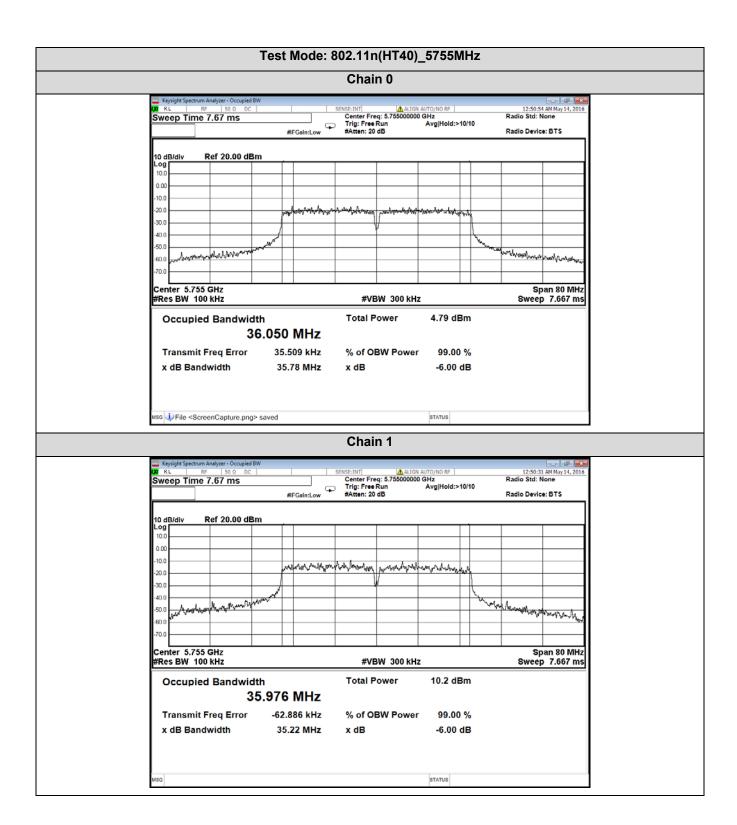


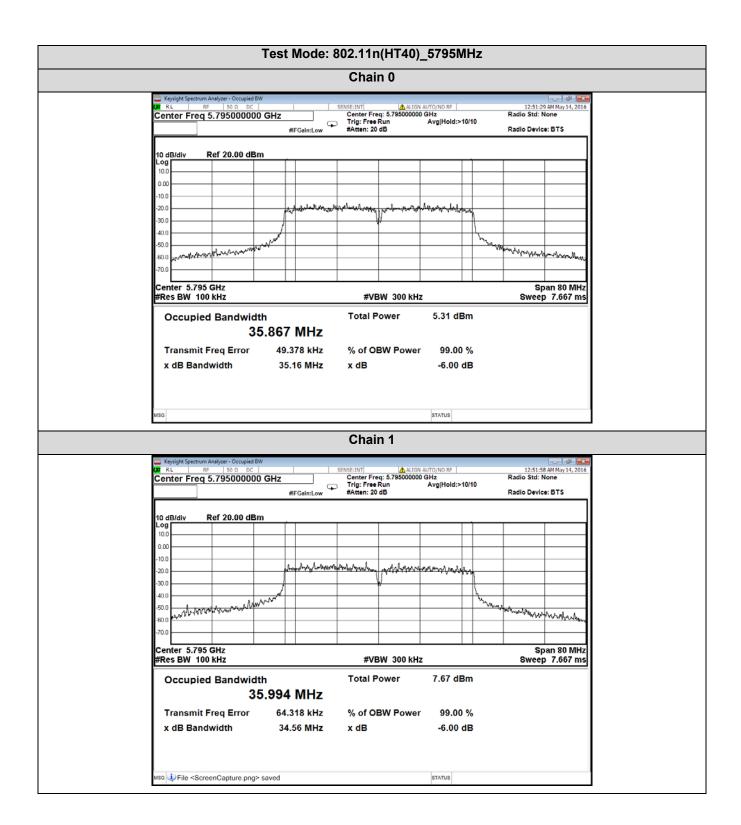
MIMO Mode-Test Data











6.5 Frequency Stability

6.5.1 Limit

The frequency of the carrier signal shall be maintained within band of operation.

6.5.2 Test Procedure

- a) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
- b) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
- c) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

6.5.3 Test Data

The EUT complied with the FCC Part 15.407 Frequency Stability requirements.

Table 10 provides the test results for Frequency Stability Terminals. (all the data attached was use the worst case data rate, EUT normal working temperature range for $5 \sim 35$ °C, the statement from the manufacturer)

6.5.4 Areas of Concern

None.

Table 10: Frequency Stability Results

Frequency Stability Versus Temp.										
		Operatir	ng Frequency: 5	180 MHz						
Temp. (℃)	Power Supply (Vdc)	Measured Fre	quency (GHz)	Frequency	Result (Pass / Fail)					
		Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.1799805 5.1799715		-3.7645	-5.5019	Pass				
20	7.4	5.1799785 5.1799725		-4.1506	-5.3089	Pass				
5	7.4	5.1799795	5.1799735	-3.9575	-5.1158	Pass				
		Operatir	ng Frequency: 5	190 MHz						
Temp. (℃)	Power Supply (Vdc)	Measured Frequency (MHz)		Frequency Drift (ppm)		Result (Pass / Fail)				
		Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.1899770	5.1899900	-4.4316	-1.9268	Pass				
20	7.4	5.1899765	5.1899845	-4.5279	-2.9865	Pass				
5	7.4	5.1899760	5.1899835	-4.6243	-3.1792	Pass				
	Operating Frequency: 5200 MHz									
Temp. (℃)	Power Supply (Vdc)	Measured Fre	Measured Frequency (MHz)		Drift (ppm)	Result (Pass / Fail)				
		Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.1999870	5.1999875	-2.5000	-2.4038	Pass				
20	7.4	5.1999850	5.1999855	-2.8846	-2.7885	Pass				
5	7.4	5.1999820	5.1999840	-3.4615	-3.0769	Pass				
		Operatir	ng Frequency: 5	230 MHz						
Temp. (℃)	Power Supply (Vdc)	Measured Frequency (MHz)		Frequency	Drift (ppm)	Result (Pass / Fail)				
	,	Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.2299795	5.2299840	-3.9197	-3.0593	Pass				
20	7.4	5.2299790	5.2299840	-4.0153	-3.0593	Pass				
5	7.4	5.2299785	5.2299840	-4.1109	-3.0593	Pass				

		Operatir	ng Frequency: 5	240 MHz						
Temp. (℃)	Power Supply (Vdc)	Measured Frequency (MHz)		Frequency Drift (ppm)		Result (Pass / Fail)				
		Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.2400140	5.2399800	2.6718	-3.8168	Pass				
20	7.4	5.2400010	5.2399810	0.1908	-3.6260	Pass				
5	7.4	5.2399940	5.2399815	-1.1450	-3.5305	Pass				
		Operatir	ng Frequency: 5	745 MHz						
Temp. (℃)	Power Supply (Vdc)	Measured Frequency (MHz)		Frequency Drift (ppm)		Result (Pass / Fail)				
		Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.7449765	5.7449590	-4.0905	-7.1366	Pass				
20	7.4	5.7449760	5.7449625	-4.1775	-6.5274	Pass				
5	7.4	5.7449755	5.7449645	-4.2646	-6.1793	Pass				
	Operating Frequency: 5755 MHz									
Temp. (℃)	Power Supply (Vdc)	Measured Fre	equency (MHz)	Frequency	Result (Pass / Fail)					
		Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.7549500	5.7549720	-8.6881	-4.8653	Pass				
20	7.4	5.7549515	5.7549730	-8.4275	-4.6916	Pass				
5	7.4	5.7549520	5.7549730	-8.3406	-4.6916	Pass				
		Operatir	ng Frequency: 5	785 MHz						
Temp. (℃)	Power Supply (Vdc)	Measured Frequency (MHz)		Frequency Drift (ppm)		Result (Pass / Fail)				
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Chain 0	Chain 1	Chain 0	Chain 1					
35	7.4	5.7849795	5.7850115	-3.5436	1.9879	Pass				
20	7.4	5.7849785	5.7850195	-3.7165	3.3708	Pass				
5	7.4	5.7849770	5.7850250	-3.9758	4.3215	Pass				

Operating Frequency: 5795 MHz									
Temp. (℃)	Power Supply (Vdc)	Measured Frequency (MHz)		Frequency	Result (Pass / Fail)				
	, , ,	Chain 0	Chain 1	Chain 0	Chain 1				
35	7.4	5.7949710	5.7949790	-5.0043	-3.6238	Pass			
20	7.4	5.7949805	5.7949745	-3.3650	-4.4003	Pass			
5	7.4	5.7949855	5.7949720	-2.5022	-4.8318	Pass			
	Operating Frequency: 5825 MHz								
Temp. (℃)	Power Supply (Vdc)	Measured Fre	quency (MHz)	Frequency	Drift (ppm)	Result (Pass / Fail)			
Temp. (℃)		Measured Fre	quency (MHz)	Frequency Chain 0	Drift (ppm) Chain 1				
Temp. (℃)									
	Supply (Vdc)	Chain 0	Chain 1	Chain 0	Chain 1	(Pass / Fail)			

		Frequenc	cy Stability Vers	us Temp.		
		Operatir	ng Frequency: 5	180 MHz		
Temp. (℃)	Power Supply (Vdc)	Measured Frequency (GHz)		Frequency Drift (ppm)		Result (Pass / Fail)
		Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.1800105	5.1800110	2.0270	2.1236	Pass
20	7.4	5.1799745	5.1800100	-4.9228	1.9305	Pass
	6.4	5.1800335	5.1800185	6.4672	3.5714	Pass
		Operatir	ng Frequency: 5	190 MHz		
Temp. (℃)	Power Supply (Vdc)	Measured Fre	requency (GHz) Frequency Drift (ppm)			Result (Pass / Fail)
		Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.1900085	5.1900125	1.6378	2.4085	Pass
20	7.4	5.1899665	5.1900120	-6.4547	2.3121	Pass
	6.4	5.1900315	5.1900045	6.0694	0.8671	Pass

		Operatir	ng Frequency: 5	200 MHz		
Temp. (℃)	Power Supply (Vdc)	Measured Fre	equency (GHz)	Frequency	Drift (ppm)	Result (Pass / Fail)
	,	Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.1999825	5.1999805	-3.3654	-3.7500	Pass
20	7.4	5.2000070	5.2000105	1.3462	2.0192	Pass
	6.4	5.1999790	5.1999800	-4.0385	-3.8462	Pass
	l	Operatir	ng Frequency: 5	230 MHz		
Temp. (℃)	Power Supply (Vdc)	Measured Fre	equency (GHz)	Frequency	Drift (ppm)	Result (Pass / Fail)
	,	Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.2300335	5.2300210	6.4054	4.0153	Pass
20	7.4	5.2300105	5.2300140	2.0076	2.6769	Pass
	6.4	5.2300290	5.2300190	5.5449	3.6329	Pass
	l	Operatir	ng Frequency: 5	240 MHz		
Temp. (℃)	Power Supply (Vdc)	Measured Fre	equency (GHz)	Frequency	Drift (ppm)	Result (Pass / Fail)
	, , ,	Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.2399665	5.2399750	-6.3931	-4.7710	Pass
20	7.4	5.2399675	5.2400105	-6.2023	2.0038	Pass
	6.4	5.2399675	5.2399765	-6.2023	-4.4847	Pass
		Operatir	ng Frequency: 5	745 MHz		
Temp. (℃)	Power Supply (Vdc)		equency (GHz)		Drift (ppm)	Result (Pass / Fail)
		Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.7450090	5.7449670	1.5666	-5.7441	Pass
20	7.4	5.7450215	5.7450075	3.7424	1.3055	Pass
	6.4	5.7450135	5.7449700	2.3499	-5.2219	Pass

		Operatir	ng Frequency: 5	755 MHz		
Temp. (℃)	Power Supply (Vdc)	Measured Fre	quency (GHz)	Frequency	Drift (ppm)	Result (Pass / Fail)
	'''	Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.7550080	5.7550105	1.3901	1.8245	Pass
20	7.4	5.7550345	5.7550170	5.9948	2.9540	Pass
	6.4	5.7550170	5.7549960	2.9540	-0.6950	Pass
		Operatir	ng Frequency: 5	785 MHz	1	
Temp. (℃)	Power Supply (Vdc)	Measured Fre	quency (GHz)	Frequency	Drift (ppm)	Result (Pass / Fail)
	'''	Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.7849775	5.7850035	-3.8894	0.6050	Pass
20	7.4	5.7850415	5.7850065	7.1737	1.1236	Pass
	6.4	5.7849900	5.7849900	-1.7286	-1.7286	Pass
		Operatir	ng Frequency: 5	795 MHz	1	
Temp. (℃)	Power Supply (Vdc)	Measured Fre	equency (GHz)	Frequency	Drift (ppm)	Result (Pass / Fail)
		Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.7950080	5.7950005	1.3805	0.0863	Pass
20	7.4	5.7949995	5.7950225	-0.0863	3.8827	Pass
	6.4	5.7950090	5.7950010	1.5531	0.1726	Pass
		Operatir	ng Frequency: 5	825 MHz		
Temp. (℃)	Power Supply (Vdc)	Measured Fre	equency (GHz)	Frequency	Drift (ppm)	Result (Pass / Fail)
		Chain 0	Chain 1	Chain 0	Chain 1	
	8.4	5.8250020	5.8250320	0.3433	5.4936	Pass
20	7.4	5.8250050	5.8250065	0.8584	1.1159	Pass
	6.4	5.8249890	5.8250350	-1.8884	6.0086	Pass

6.6 Conducted Emissions – AC Power Ports

According to Paragraph (c) of FCC Part 15 section 15.207, Tests to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

6.7 Radiated Emissions and Band Edge Measurement

6.7.1 Limits

6.7.1.1 Limits of Radiated Emission and Bandedge Measurement

Radiated emissions that fall in the restricted bands must comply with the general emissions limits in 15.209(a) as below table. Other emissions shall be at least 20 dB below the highest level of the desired power.

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

6.7.1.2 Limits of Unwanted Emission Out of the Restricted Bands

Applicable To	Limit					
789033 D02 General U-NII Test	Field	Strength at 3 m				
Procedures New Rules v01r02	PK: 74 (dBμV/m)	AV: 54 (dBμV/m)				
Applicable To	EIRP Limit	Equivalent Field Strength at 3 m				
15.407(b)(1)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)				
15.407(b)(4)	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)				
Beyond 10 MHz of the band edge	Tix. 27 (ubiii wiriz)	ΤΚ. 00.2 (αΒμ ν/ιιι)				
15.407(b)(4)	PK: -17 (dBm/MHz)	PK: 78.2 (dBμV/m)				
Within 10 MHz of band edge	Tix17 (dDill/Wifiz)	1 π. 70.2 (αρμ ν/ιιι)				

The emissions were measured using the following resolution bandwidths:

Frequency Range	Resolution Bandwidth	Video Bandwidth
30MHz-1000 MHz	120kHz	>30 kHz
>1000 MHz	1 MHz	<30 Hz

Harmonic and Spurious emissions that were identified as coming from the EUT were checked in Peak and in Average Mode. The high frequency, which started from 18 to 40GHz, was pre-scan and the test result which was 20dB lower than the limit was not reported.

Peak measurements and average measurements are made. All emissions were determined to have a peak-to-average ratio of less than 20dB.

6.7.2 Test Procedure (789033 D02 v01r02 Section G.3, G.4, G.5, and G.6)

- a) The EUT was placed on the top of a rotating table 0.8 meters (for below 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c) The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

- e) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f) The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Remark:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for RMS Average (Duty cycle < 98 %) for Average detection (AV) at frequency above 1 GHz, then the measurement results was added to a correction factor (10 log(1/duty cycle)).
- 4. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz (Duty cycle ≥ 98 %) or ≥ 1/T(duty cycle is < 98%) for Average detection (AV) at frequency above 1 GHz.
- 5. All modes of operation were investigated and the worst-case emissions are reported.

6.7.3 Test Data

The EUT complied with the FCC Part 15.407 Radiated Spurious Emissions requirements.

Table 11 and Table 12 provide the test results for Radiated Spurious Emissions. (all the data attached was use the worst case data rate)

6.7.4 Areas of Concern

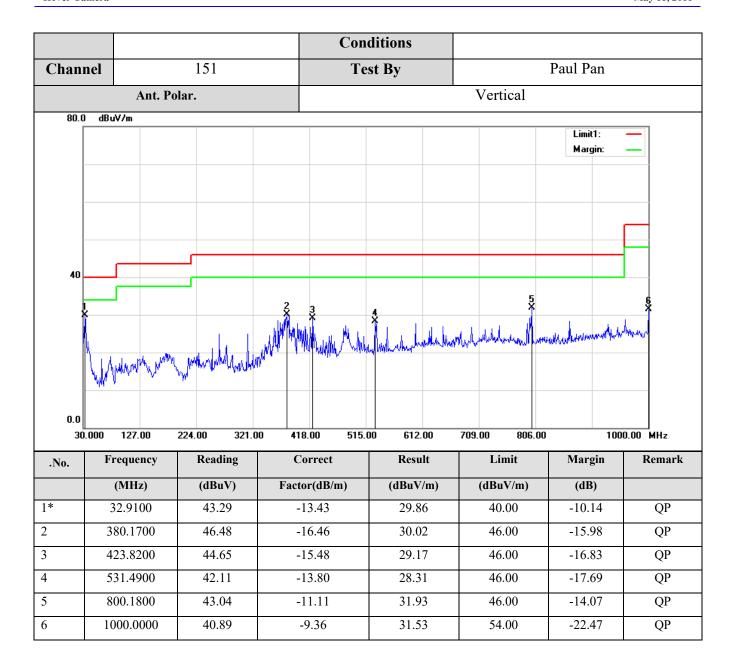
None

Table 11: Radiated Emission Test Data

Radiated Emission Test Data (Below 1GHz Worst Case):

Mod	de 802	2.11n(HT40)	Pow	er Source		DC 7.4V				
Anter	nna	Chain 0+1		ronmental onditions	25.4 deg. C, 55 % RH					
Chan	nel	151	Γ	Cest By	Paul Pan					
	Ant. Po	olar.		Horizontal						
80.	O dBuV/m		<u> </u>			1: ::4				
						Limit1: Margin:				
40		_								
40	1.	2 X 3			5		6			
			*		X X		, X			
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0.0	0.000 127.00	224.00 321.0	00 418.00 51	5.00 612.00	709.00 806.00	100	0.00 MHz			
.No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark			
.110.	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)				
1*	37.7600	49.45	-15.48	33.97	40.00	-6.03	QP			
2	193.9300	58.74	-22.81	35.93	43.50	-7.57	QP			
3	299.6600	52.32	-19.60	32.72	46.00	-13.28	QP			
4	478.1400	45.66	-14.43	31.23	46.00	-13.28	QP QP			
5	800.1800	44.79	-14.43	33.68	46.00	-14.77	QP QP			
6	000.1000	44./9	-11.11	33.08	40.00	-12.32	l Qr			
	994.1800	42.74	-9.32	33.42	54.00	-20.58	QP			

Mode	802.11n(HT40)	Power Source	DC 7.4V
Antenna	Chain 0+1	Environmental	25.4 deg. C, 55 % RH



Radiated Emission Test Data (1GHz ~ 6 GHz Worst Case):

Mod	le	e 802.11n(HT40)					Power Source					DC 7.4V									
Anten	ına		(Chai	n 0+	1			Environmental Conditions					25.4 deg. C, 55 % RH							
Chanı	nel			1	51					Te	est I	Ву					P	aul F	Pan		
	Ant. Polar.						Horizontal														
80.0	80.0 dBuV/m																		7		
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40	rhilylpin	1 /h/m//	hicharysh	Vincental M	hopeophore	23	broAlro	h-conflored	de Japan	najpa stidigia	4 X X/T 4 ¹ /A	gdisharan ^a	yanan	nogota, Madi	X Mullipape Mullipa Mullipape Mullipape Mullipa Mullip	walka	radij ^{i v} ole _{ralje}	MARYMAN	Mariamah	Harlanggay	^*
40	Malaylana	AMANANA MATANANA	hadronyaly	Norther March	hopeopless	23 V	l-nAh	h-confice-on	day have and an	nggipe silbebaja	4 Х му л ар ^д га	edither and	ga wasan	wydda, llefodd	j. Maryar	within	radh Probandye	Myseymone	Mariandi	4holanggy	<i>№</i>
40	MalayYana	1 X µµ/m V	hadronoop	almoneed W	dependent	23 What	lebAho	h-salls-an	and the second	nodprostalaju	4 ** *********************************	politikarro ⁿ	y consider	nopologildepoli	X Marikanaka	www.d	Mary Colombia	Mary mark	Mariandi	dhohungay	*
40	MohayApm	1 X yhrini	hadronah	North Market	defendent	23	horaldra	h-coalter-an	day of party and party	escoppio settado pira	4 X XX,Pay ^{(A}	politikarasi ⁿ	A _{re} n son service	nogodine, 14godi	X Nathanan	and the	Mary Colonia	Mary market	Mariando	through	*
40	rtduylan	* HUMAN	Machineraphy	alianteelle	ddidax	23 *** */ /w/\/	triAhu	h-control	da _r Japana,	nadprolitika	4 X Xyyayin	_A dijkered ⁱⁿ		nypha,14phl	X Markhayanga	walkada da	ride Trade and the	RAFED WALLAND	Mariando	the house	*
40	t tology Grow	* * *	hadamarih	Norther W	stopenstort	23 ** ₁ /hu/h	l-nAn	of which the second	the state of the s	and for the desire	4 ** *********************************	philipson of the second	hy Carrest Mar	wyrta, Medi	X V _a ,v 4 ₀ ,p.v _p ,u	walle de	rad to de angle	RAPATULAN	Mariando	the turney	*
	r tulniy Gove	* * * * * * * * * * * * * *	hadrarys/4	alramental de	defedes	23 *** ***	triAh.	greed or the	day, hayo and any	met protection	4 X xyraphal	pullyharran	NA CONSTRAINT	wyrte Mode	K K K K K K K K K K K K K K K K K K K	walland.	room to be a second	gg/tel-wardy	Mariendo	thorwayay	*
0.0	chluy(ym			2000.		23		3000		3500			00.00		00.00		00.00	gg per service significant services servic			
0.0	000.000		0.00	2000.		2500.		3000					00.00		00.00			Mar	60		
0.0	000.000 Fr	1500	0.00 ney	2000.	00	2500.	.00	3000	0.00 rrect	3500	0.00	40	00.00 sult		00.00 Li	500	00.00		60 egin) MHz
0.0 10	000.000 Fr	1500	0.00 ncy z)	2000.	00 Readin	2500.	.00	3000 Cor	0.00 rrect	3500	0.00	40 Res	00.00 sult V/m)		00.00 Li (dBu	500	00.00	Mar	60 rgin) MHz
0.0 100 .No.	000.000 Fr (1500 eque	3.00 necy z)	2000.1 R	00 Readin	2500.	.00	3000 Con Factor	0.00 rrect r(dB/r	3500	0.00	40 Res	000.00 Sult V/m)		00.00 Li (dBu	500 mit	00.00	Mar (dl	60 rgin B)		MHz Remark
0.0 10 .No.	000.000 Fr (14	1500 eque (MHz	20.00 ency z) 0000 0000	2000.	00 Readin (dBuV 47.10	2500.	.00	3000 Cor -6 -2	0.00 rrect r(dB/r	3500	0.00	40 Res (dBu [*] 40.	00.00 sult V/m) 16		00.00 Li (dBu 74	500 mit iV/m)	00.00	Mar (dl -33	60 rgin B) .84		MHz Remark
0.0	000.000 Fr (14 24 24	1500 eque (MH2 465.0	2) 000 000	2000.	00 Readin (dBuV 47.10	2500.	.00	30000 Con -6 -2 -2 -2	0.00 rrect r(dB/r .94	3500	0.00	40 Res (dBu) 40.	00.00 sult V/m) 16 .50		00.00 Li (dBu 74 74	500 mit 1V/m) 1.000	00.00	Mar (d) -33	Fgin B) .84 .50		Peak peak
0.0 100 .No.	000.000 Fr (14 24 24 36	15000 (MHz/465.0 445.0	2) 000 000 000	2000.IR	00 Readin (dBuV 47.10 46.06 45.70	2500.	.00	30000 Con-66 -22 -20	0.00 rrect r(dB/r .94 .56	3500	0.00	400 Ress (dBu 40. 43. 43.	V/m) 16 .50 .41		00.00 Li (dBu 74 74 74	500	00.00	Mar (dl -33 -30	60 rgin B) .84 .50 .59		Peak peak peak

Mod	le	802	2.11n(HT40)		Powe	r Source	DC 7.4V			
Anten	ına	(Chain 0+1			onmental ditions	25.4 deg. C, 55 % RH			
Chan	nel		151		To	est By		Paul Pan		
		Ant. Po	lar.				Vertical			
80.0	0 dBu	V/m								
								Limit1: Limit2:		
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		½ 2	3.4	. \$		فللمنافر بارسيان	Married Andrews of hother particular transfer of the	And hand hand after many money with	han walker	
40	40 April 1 Apr			مدن بالأحداث	والمراجع والمالين والمراجع	L. LLLA LANDA AND MANAGEMENT OF THE PARTY OF				
40	hympulad	harale Jackship harake	Marylandinon	Yhora Tokaka en ekologia	personal distribution of the second	A MANAGARA MANAGAMAN AND AND AND AND AND AND AND AND AND A				
40	hymnud	phylodestal phylogene	Marchanderpoor	YANATHAHAHAMAA	parte programme of the	ANT ALL MAN CONTRACTOR OF THE				
40	proportion	harryn	various de la company de la co	haran da	erretugleridhkeepentuur	White of Long to Color of the state of the second				
40	popolenio	Hart of the state	variorisani de la composito de	Yer and Paragraphic and An	garabagilgasilligandaadussad	White of London Colonia and the con-				
40	proprieta	KI ONTHINAMANANAN	vie de marenie vo de Arach	yhee Albania ahaa	arean que de la comencia de la come	A A A A A A A A A A A A A A A A A A A				
40	phymogeneous	KI ON PORTUGUES	vir ille singer bester in the first of	yh e ja anna andy	norum perithinanan	AND CONTRACTOR OF THE CONTRACT				
	hapripussor	Allouted establishments	vie de principie vo de la fraction	the transfer of the second	area or great Name and a	AND CONTRACTOR OF THE CONTRACT				
0.0			2000.00 2500.		000.00 350		4500.00 5000.0		0.00 MHz	
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0.0 10	000.000 Fr	1500.00	2000.00 2500.	.00 30	300.00 350	0.00 4000.00	4500.00 5000.0	0 600	0.00 MHz	
0.0 10	Fr	1500.00 requency	2000.00 2500. Reading	.00 30 C	000.00 350 Correct	0.00 4000.00 Result	4500.00 5000.0 Limit	0 600 Margin	0.00 MHz	
0.0 10 .No.	Fr (13	1500.00 requency (MHz)	2000.00 2500. Reading (dBuV)	.00 30	000.00 350 Correct tor(dB/m)	0.00 4000.00 Result (dBuV/m)	4500.00 5000.0 Limit (dBuV/m)	0 600 Margin (dB)	00.00 MHz Remark	
0.0 10 .No.	Fr 0 13	1500.00 requency (MHz) 325.000	2000.00 2500. Reading (dBuV) 50.04	.00 30	000.00 350 Correct tor(dB/m)	0.00 4000.00 Result (dBuV/m) 42.71	4500.00 5000.0 Limit (dBuV/m) 74.00	0 600 Margin (dB) -31.29	00.00 MHz Remark peak	
0.0 10 .No.	000.000 Fr 13 14 23	1500.00 requency (MHz) 325.000 460.000	2000.00 2500. Reading (dBuV) 50.04 48.18	.00 30 C	200.00 350 Correct tor(dB/m) -7.33	0.00 4000.00 Result (dBuV/m) 42.71 41.23	4500.00 5000.0 Limit (dBuV/m) 74.00 74.00	0 6000 Margin (dB) -31.29 -32.77	DO.00 MHz Remark peak peak	
0.0 10 .No.	13 14 23 24	1500.00 requency (MHz) 325.000 460.000 335.000	2000.00 2500. Reading (dBuV) 50.04 48.18 45.37	.00 30 C	000.00 3500 Correct tor(dB/m) -7.33 -6.95 -3.16	0.00 4000.00 Result (dBuV/m) 42.71 41.23 42.21	4500.00 5000.0 Limit (dBuV/m) 74.00 74.00 74.00	0 600 Margin (dB) -31.29 -32.77 -31.79	Remark peak peak peak	

Radiated Emission Test Data (Above 6GHz):

$SISO\ Mode_\ Test\ Data$

Mod	de	802.11a	Powe	r Source		DC 7.4V				
Antei	nna	Chain 0		onmental ditions	25.4 deg. C, 55 % RH					
Chan	nel	36	Te	est By	Paul Pan					
	Ant. Po	lar.		Horizontal						
80.	0 dBuV/m									
						Limit1: Limit2:				
40		2	3 my wash	Market Ma	5	All the state of t				
0.0		8400.00 9600.	00 10800.00 1200	0.00 13200.00	14400.00 15600.	00 100	00.00 MHz			
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark			
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)				
1	7764.000	31.29	9.19	40.48	74.00	-33.52	peak			
2	8496.000	31.50	9.38	40.88	74.00	-33.12	peak			
3	i .	1		+	74.00		_			
3	10920.000	30.76	14.83	45.59	74.00	-28.41	peak			
4	10920.000 13152.000	30.76 29.22	14.83 18.35	45.59 47.57	74.00	-28.41 -26.43	peak peak			
							•			

	de	802.11a		Powe	er Source	DC 7.4V					
Anter	nna	Chain 0			onmental iditions	25.4 deg. C, 55 % RH					
Chan	inel	36		To							
	Ant. P	olar.				Vertical					
80.	0 dBuV/m										
İ							Limit1: Limit2:				
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0.0		9400 00 9500	00 10	1200 00 120	00.00 12200.00	14400 00 15000	00 190	100 00 MU-			
	000.000 7200.00	8400.00 9600 Reading		800.00 120	00.00 13200.00 Result	14400.00 15600.		00.00 MHz Remark			
60		8400.00 9600 Reading (dBuV)	C				00 180 Margin (dB)	T			
60	000.000 7200.00 Frequency	Reading	Fact	Correct	Result	Limit	Margin	T			
No.	000.000 7200.00 Frequency (MHz)	Reading (dBuV)	Fact	Correct tor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark			
No.	000.000 7200.00 Frequency (MHz) 7752.000	Reading (dBuV) 31.47	Fact	correct tor(dB/m) 9.17	Result (dBuV/m) 40.64	Limit (dBuV/m) 74.00	Margin (dB) -33.36	Remark peak			
No. 1 2	000.000 7200.00 Frequency (MHz) 7752.000 9612.000	(dBuV) 31.47 30.85	Fact	Correct tor(dB/m) 9.17 10.86	Result (dBuV/m) 40.64 41.71	Limit (dBuV/m) 74.00 74.00	Margin (dB) -33.36 -32.29	Remark peak peak			
No. 1 2 3	7752.000 9612.000	Reading (dBuV) 31.47 30.85 30.52	Fact	Correct tor(dB/m) 9.17 10.86 15.07	Result (dBuV/m) 40.64 41.71 45.59	Limit (dBuV/m) 74.00 74.00 74.00	Margin (dB) -33.36 -32.29 -28.41	peak peak peak			

Me	ode	802.	11a	Power So	urce	D	C 7.4V		
Ant	Antenna Chain 0			Environm Conditi		25.4 deg. C, 55 % RH			
Cha	nnel	40)	Test B	Ву	P	aul Pan		
		Ant. Polar.				Horizontal			
8	80.0 dBuV	//m							
							Limit1:		
						5 ×	بالماران الماران	ar-proper	
			2	3 mentioner market	, marin m	man and a second	professional to the second		
	40	1	way or who was to will the	man a second					
	mount	24-44							
	0.0	7000 00 0100 00	000000	10000 00 10000 00	10000 00 1	1100.00	4000		
	6000.000 No.	7200.00 8400.00 Frequency	9600.00 Reading	10800.00 12000.00 Correct	13200.00 1 Result	4400.00 15600.00 Limit	Margin	0.00 MHz Remark	
	1100	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	110	
1		7728.000	31.70	9.12	40.82	74.00	-33.18	peak	
2		10128.000	31.11	12.38	43.49	74.00	-30.51	peak	
3		11328.000	30.75	14.94	45.69	74.00	-28.31	peak	
4		13080.000	29.13	18.16	47.29	74.00	-26.71	peak	
5		14952.000	28.67	21.13	49.80	74.00	-24.20	•	
								peak	
6*		15540.000	32.07	18.70	50.77	74.00	-23.23	peak	

Mod	de	802.11a	Powe	Power Source		DC 7.4V		
Anter	nna	Chain 0		onmental nditions	25.4 deg. C, 55 % RH Paul Pan			
Chan	nel	40	Т	est By				
	Ant. Po	olar.			Vertical			
80.	0 dBuV/m							
						Limit1:		
						and the state of t	m.	
			3 4 5	6	Married Married Married Married Company	Ward was with	7	
40	1	2	www.					
	man war and with the same of t	W						
0.0								
60	000.000 7200.00	8400.00 9600.	.00 10800.00 120	00.00 13200.00	14400.00 15600.	00 180	00.00 MHz	
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark	
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)		
1	6972.000	31.68	7.65	39.33	74.00	-34.67	peak	
2	8364.000	31.75	9.45	41.20	74.00	-32.80	peak	
3	10524.000	30.84	13.60	44.44	74.00	-29.56	peak	
4	10956.000	30.52	14.94	45.46	74.00	-28.54	peak	
5	11844.000	31.01	14.71	45.72	74.00	-28.28	peak	
6*	13104.000	28.87	18.22	47.09	74.00	-26.91	peak	

	ode	802.1	11a	Power So	ource	D	C 7.4V	
Antenna		Chai	n 0	Environmental Conditions		25.4 deg. C, 55 % RH		
Channel		48	}	Test By		Paul Pan		
		Ant. Polar.			F	Horizontal		
8	0.0 dBuV	//m						
							Limit1: -	
						6	. Market and the state of the s	year
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4	40	war	- de la companya de l					
	J. 100-1							
	1.0							
	6000.000			10800.00 12000.00		400.00 15600.00		0.00 MHz
		Frequency	Reading	Correct	Result	Limit	Margin	0.00 MHz Remark
	6000.000	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	(MHz) 8352.000	Reading (dBuV) 31.78	Correct Factor(dB/m) 9.46	Result (dBuV/m) 41.24	Limit (dBuV/m) 74.00	Margin (dB) -32.76	Remark peak
1 2	6000.000	(MHz) 8352.000 9972.000	(dBuV) 31.78 32.52	Correct Factor(dB/m) 9.46 11.90	Result (dBuV/m) 41.24 44.42	Limit (dBuV/m) 74.00 74.00	Margin (dB) -32.76 -29.58	Remark peak peak
1	6000.000	(MHz) 8352.000 9972.000 11004.000	Reading (dBuV) 31.78 32.52 30.23	Correct Factor(dB/m) 9.46 11.90 15.08	Result (dBuV/m) 41.24	Limit (dBuV/m) 74.00 74.00 74.00	Margin (dB) -32.76 -29.58 -28.69	Remark peak
1 2	6000.000	(MHz) 8352.000 9972.000	(dBuV) 31.78 32.52	Correct Factor(dB/m) 9.46 11.90	Result (dBuV/m) 41.24 44.42	Limit (dBuV/m) 74.00 74.00	Margin (dB) -32.76 -29.58	Remark peak peak
1 2 3	6000.000	(MHz) 8352.000 9972.000 11004.000	Reading (dBuV) 31.78 32.52 30.23	Correct Factor(dB/m) 9.46 11.90 15.08	Result (dBuV/m) 41.24 44.42 45.31	Limit (dBuV/m) 74.00 74.00 74.00	Margin (dB) -32.76 -29.58 -28.69	peak peak peak