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Test Mod	e	EEE 802.11a / 5220 MHZ	Te	Temp/Hum		:)/ 41%RH
Test Item	1	Harmonics	Т	est Date	May 2	21, 2020
Polarize	•	Vertical		t Engineer	Ray Li	
Detector	r	Peak				
120	m)					
110						
90						
	╢1-1-1,1111				<u> </u>	
50	<u> </u>	2	<u>t</u> _} t_}-b			
50						
50 30	8800.	2		100.	32200.	40000
50 30 10	1	2	244	100.	32200.	40000
50 30 10	1	2	244	Actual	32200.	40000 Margin
50 30 10 0 1000	8800.	2 2 16600. Freq	244 uency (MHz)			
50 30 10 0 1000		2 16600. Freq	244 uency (MHz)	Actual	Limit	
50 30 10 0 1000 Freq.	8800. Detector Mode	2 16600. Freq Spectrum Reading Level	244 uency (MHz) Factor	Actual FS	Limit @3m	Margin

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e	EEE 802.11a / 5220 MHz	Te	emp/Hum	22.1(°C)/ 41%RF		
Test Item	ı	Harmonic	Т	est Date	May 2	May 21, 2020	
Polarize		Horizontal	Tes	t Engineer		ay Li	
Detector	-	Peak					
120 Level (dBuV/ 110	m)						
90							
70 ⁻ #1 6-11 -1616-	╢╴╴╴╴╴╴						
50		2					
30							
30 10							
10	8800.	16600.	24	400.	32200.	40000	
	8800.		24 uency (MHz)	400.	32200.	40000	
10	Detector	Freq		Actual	Limit	40000 Margin	
10 0 1000 Freq.	Detector Mode	Freq Spectrum Reading Level	uency (MHz) Factor	Actual FS	Limit @3m	Margin	
10 0 1000 Freq. MHz	Detector Mode PK/QP/AV	Freq Spectrum Reading Level dBµV	uency (MHz) Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB	
10 0 1000 Freq. MHz 10440.00	Detector Mode PK/QP/AV Peak	Freq Spectrum Reading Level dBµV 31.64	Factor dB 18.29	Actual FS dBμV/m 49.93	Limit @3m dBµV/m 68.20	Margin dB -18.27	
10 0 1000 Freq. MHz	Detector Mode PK/QP/AV	Freq Spectrum Reading Level dBµV	uency (MHz) Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e	IEEE 802.11a / 5240MHZ Temp/Hum				22.1(°C)/ 41%RH	
Test Item	1	Harmonic	Te	est Date	May 21, 2020		
Polarize	•	Vertical	Tes	t Engineer	R	ay Li	
Detector	r	Peak					
120 Level (dBuV/	m)						
110	 				·		
90							
70	╢┦-╽-└╝║╿┦				<u></u> J- <u>L</u>	· · · · · · · · · · · · · · · · · · ·	
70 HL II - I -		2					
50							
50 30	8800.	2	244	100.	32200.	40000	
50 30 10	1.	2		100.	32200.	40000	
50 30 10	1.	2	244	100. Actual	32200.	40000 Margin	
50 30 10 0 1000	8800.	2 16600. Free	244 quency (MHz)				
50 30 10 0 1000		2 16600. Free Spectrum	244 quency (MHz)	Actual	Limit		
50 30 10 0 1000 Freq.	8800. Detector Mode	2 16600. Free Spectrum Reading Level	244 quency (MHz) Factor	Actual FS	Limit @3m	Margin	

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e I	EEE 802.11a / 5240MHZ	Te	emp/Hum	22.1(°C	22.1(°C)/ 41%RH	
Test Item	1	Harmonic	Т	est Date	May 21, 2020		
Polarize	•	Horizontal	Tes	t Engineer	Ra	ay Li	
Detector	ſ	Peak					
120	m)						
110							
90							
70 ⁻ #1 - -11 ⁻ -11-	₩					- -	
50	1	2					
30							
10							
0 <mark></mark> 1000	8800.	16600. Fre	244 quency (MHz)	400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
	Peak	30.03	18.28	48.31	68.20	-19.89	
10480.00	i eak						
10480.00 15720.00	Peak	31.00	23.15	54.15	74.00	-19.85	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		2.11n 20 MHz 180MHZ	/ Те	emp/Hum	22.1(°C)/ 41%RH
Test Item		larmonic	Т	Test Date Ma		21, 2020
Polarize		Vertical	Tes			ay Li
Detector		Peak				
120 Level (dBuV/	m)			i	1	1
110						
90						
70	╢╴╴╴╴					
50		2				
30						
10						
0 1000	8800.	16600. Fre	244 equency (MHz)	100.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10360.00	Peak	31.14	18.16	49.30	68.20	-18.90
15540.00	Peak	31.61	22.44	54.05	74.00	-19.95
100-0.00	1 out	001		0		10.00

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 20 MHz 5180MHZ	/ Te	emp/Hum	22.1(°C)/ 41%RH		
Test Item		Harmonic	Т	est Date	May 2	May 21, 2020	
Polarize	ŀ	Horizontal		t Engineer		ay Li	
Detector		Peak					
120)						
110	 						
90							
70 #1L_11 /LL1-1		2	1_F1_FL				
50							
30							
10							
10							
0	8800.	16600. Fred	244 quency (MHz)	100.	32200.	40000	
0 <mark></mark>		Free	quency (MHz)				
	Detector	Free		Actual	Limit		
0 1000 Freq.	Detector Mode	Free Spectrum Reading Level	quency (MHz) Factor	Actual FS	Limit @3m	Margin	
0 <mark></mark>	Detector	Free	quency (MHz)	Actual	Limit	40000 Margin dB -18.08	

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
1000	8800.	16600. Fre	244 equency (MHz)	40 0 .	32200.	40000	
0	0000	40000		100	22200	40000	
10					 		
30					·		
50	1	2			1 		
70	<u>ᡶ᠆᠆᠆᠆</u> ᠆᠘᠆ᡫᢩ᠍ᡃ᠍᠊ᡀ᠆ᠴ᠍᠆᠂᠂᠂				<u></u>		
90					1 1 1 1 1 1		
110							
120 Level (dBuV/n	1)				1		
Detector		Peak					
Polarize		Vertical	Tes			ay Li	
Test Item		Harmonic	Т	Test Date		May 21, 2020	
Test Mode		IEEE 802.11n 20 MHz / 5220MHZ Temp/H		emp/Hum	22.1(°C)/ 41%RF	

 MHz
 PK/QP/AV
 dBµV
 dB
 dBµV/m
 dBµV/m
 dB

 10440.00
 Peak
 30.75
 18.29
 49.04
 68.20
 -19.16

 15660.00
 Peak
 31.49
 22.86
 54.35
 74.00
 -19.65

 N/A
 Image: Note that the second seco

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 20 MHz 5220MHZ	/ Te	emp/Hum	22.1(°C)/ 41%R⊦
Test Item		Harmonic	Т	Test Date M		1, 2020
Polarize		Horizontal	Tes	t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/	m)					
90				· · · · · · · · · · · · · · · · · · ·		
				1 1 1 1 1 1 1 1 1 1	_	
70	┨╟╶╶╶╶╶╛╴┠╴┨┊╢╢┨╶╶╶┨╴╴╴	····		1 I I +		
50	1	2				
50						
30						
10				I I L		
0 <mark></mark> 1000	8800.	16600.		400.	32200.	40000
		Free	quency (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
MHz			18.29	49.03	68.20	-19.17
MHz 10440.00	Peak	30.74	10.29	+0.00	00.20	10.17
	Peak Peak	30.74 31.20	22.86	54.06	74.00	-19.94

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		2.11n 20 MHz 240MHZ	/ Te	emp/Hum	22.1(°C	.)/ 41%RH	
Test Item	F	larmonic	Т	Test Date		May 21, 2020	
Polarize		Vertical	Tes	t Engineer		ay Li	
Detector							
120 Level (dBuV/	m)			; ; ;			
110						 	
90							
70	╢╴╴╴╴╴						
50	1	2					
30							
10					 	1 1 1 1	
0 <mark></mark>	8800.	16600. Fre	244 quency (MHz)	400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
10480.00	Peak	30.39	18.28	48.67	68.20	-19.53	
15720.00	Peak	30.57	23.15	53.72	74.00	-20.28	

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Fest Mode		2.11n 20 MHz 240MHZ	/ Те	mp/Hum	22.1(°C)/ 41%RF
Test Item	F	larmonic	Т	Test Date May		21, 2020
Polarize	F	lorizontal	Tes	t Engineer		ay Li
Detector		Peak				
120	m)					
110						
90						
70	╢╴╴╴╴╴╴					
50	1	2				
30						
10						
0	8800.	16600.	244	00.	32200.	40000
		Fre	equency (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
10480.00	Peak	30.43	18.28	48.71	68.20	-19.49
10400.00						10.40

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
_						
0 <mark>1000</mark>	8800.	16600. Fre	244 quency (MHz)	400.	32200.	40000
10						
30						
50						
		2				
70						
90						
120	· · · · · · · · · · · · · · · · · · ·					
120 Level (dBuV/m)					
Detector		Peak				
Polarize		Vertical	Tes	t Engineer	Ra	ay Li
Test Item		Harmonic				21, 2020
Test Mode		02.11n 40 MHz 5190MHZ	Te	emp/Hum	22.1(°C)/ 41%R	

Freq.	Mode	Reading Level	Factor	FS	@3m	wargin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10380.00	Peak	31.30	18.17	49.47	68.20	-18.73
15570.00	Peak	31.49	22.55	54.04	74.00	-19.96
N/A						
	•					

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
0 <u> </u>	8800.	16600. Fred	24 quency (MHz)	400.	32200.	40000	
10		····					
30							
50		2					
70						<u> </u>	
90							
110				I I I I I I I I I I I I I I I I I I I I			
120)						
Detector		Peak					
Polarize		Horizontal				Ray Li	
Test Item		Harmonic	Т	est Date	May 21, 2020		
Test Mode		02.11n 40 MHz 5190MHZ	/ Te	emp/Hum	22.1(°C)/ 41%RF	

Mode	•		FS	@3m	inc. gin
PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Peak	31.12	18.17	49.29	68.20	-18.91
Peak	30.92	22.55	53.47	74.00	-20.53
	PK/QP/AV Peak	ModeReading LevelPK/QP/AVdBµVPeak31.12	ModeReading LevelPK/QP/AVdBµVdBPeak31.1218.17	ModeReading LevelFSPK/QP/AVdBµVdBdBµV/mPeak31.1218.1749.29	PK/QP/AV dBμV dB dBμV/m dBμV/m Peak 31.12 18.17 49.29 68.20

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		2.11n 40 MHz 230MHZ	/ Те	emp/Hum	22.1(°C)/ 41%RH	
Test Item		larmonic	Т	est Date	May 2	May 21, 2020	
Polarize		Vertical	Tes	t Engineer		ay Li	
Detector		Peak					
120 Level (dBuV	m)						
110							
90							
70	₩ſ₽₽₽₽₩₽						
50	1	2					
30							
10							
0 <mark></mark>	8800.	16600. Fre	244 quency (MHz)	100.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin	
	Mode	Reading Level		FS	@3m		
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
10460.00	Peak	30.37	18.31	48.68	68.20	-19.52	
15690.00	Peak	30.59	23.09	53.68	74.00	-20.32	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Fest Mode)2.11n 40 MHz / 230MHZ	/ Те	emp/Hum	22.1(°C)/ 41%RH	
Test Item		larmonic	Т	est Date	May 2	May 21, 2020	
Polarize	F	lorizontal	Tes	st Engineer		ay Li	
Detector		Peak					
120 Level (dBuV/r	m)						
90						1 	
	╢┤╴┠╴┠┊║╿┤	2					
50	<mark>.</mark>	·		·			
						1	
30							
30 10	8800.	16600.	24	400.	32200.	40000	
30	8800.		24 quency (MHz)	400.	32200.	40000	
30 10	8800.			400.	32200.	40000	
30 10	8800. Detector			400.	32200. Limit	40000 Margin	
30 10 0 1000 Freq.		Free	quency (MHz)		1		
30 10 0 1000 Freq. MHz	Detector	Free	quency (MHz)	Actual	Limit	Margin dB	
30 10 0 1000 Freq.	Detector Mode	Free Spectrum Reading Level	quency (MHz) Factor	Actual FS	Limit @3m	Margin	
30 10 0 1000 Freq. MHz	Detector Mode PK/QP/AV	Free Spectrum Reading Level dBµV	quency (MHz) Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Data for UNII-2a

Test Mode		02.11a /) MHz	Temp/Hum	22.1(°C)/ 41%RF
Test Item	Har	monic	Test Date	May 21, 2020
Polarize	Ve	rtical	Test Engineer	Ray Li
Detector	P	eak		
120 Level (dBuV/m)				
110				
90				
70	- L- JHL I		_FLFL	
50		2		
30				
10				
0L 1000	8800.	16600. Frequency	24400.	32200. 40000

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	31.11	18.30	49.41	68.20	-18.79
15780.00	Peak	31.38	23.19	54.57	74.00	-19.43
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e ^{II}	EEE 802.11a / 5260 MHz	Те	emp/Hum	22.1(°C)/ 41%RH
Test Item	1 I	Harmonic	Т	est Date	May 2	21, 2020
Polarize		Horizontal	Tes	t Engineer		ay Li
Detector	-	Peak				
120 Level (dBuV/	m)					
110						
90						
70-11-11	╢╴╴╴╴╛╴┠╴┖┊║╿╴╴╴╴	<mark> </mark> 2				
50	1					
30						
10						
0 <mark></mark> 1000	8800.	16600. Ero	244 quency (MHz)	100.	32200.	40000
		i ie	quency (winz)			
		1				
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
				- D. Wiese		
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
MHz 10520.00	PK/QP/AV Peak	dBμV 30.16	dB 18.30	48.46	68.20	dB -19.74
				-		

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e I	EEE 802.11a / 5300 MHz	Те	mp/Hum	22.1(°C)/ 41%RH
Test Item	1	Harmonic	Te	est Date	May 2	21, 2020
Polarize		Vertical	Test	t Engineer	Ra	ay Li
Detector	-	Peak				
120	m)					
110						
90						
70 <mark> _ </mark>	╢╴╴╴╴┥╴╽╴┧┊║╿╴╴┥╴╸	2				
50	1					
30						
10						
10 0 1000	8800.	16600. Fre	244 quency (MHz)	00.	32200.	40000
	8800.			00.	32200.	40000
	8800. Detector			00. Actual	32200.	40000 Margin
0 <mark>1000</mark>		Free	quency (MHz)			
0 <mark>1000</mark>	Detector	Free	quency (MHz)	Actual	Limit	
01000 Freq.	Detector Mode	Free Spectrum Reading Level	quency (MHz) Factor	Actual FS	Limit @3m	Margin

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode	e	EEE 802.11a / 5300 MHz	Te	emp/Hum	22.1(°C)/ 41%RH	
Test Item	1	Harmonic	Т	est Date	May 2	May 21, 2020	
Polarize		Horizontal	Tes	t Engineer			
Detector		Peak					
120	n)						
110							
90				, , , , , , , , , , , , , , , , , , ,			
70	║∮-҇҇҄╽╴┦∫					- -	
50	1111111111111111111111111111111111	2					
30							
10							
0 <mark></mark>	8800.	16600. Free	244 quency (MHz)	400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin	
	Mode	Reading Level	10	FS	@3m	15	
MHz 10600.00	PK/QP/AV Peak	dBμV 29.55	dB 18.32	dBμV/m 47.87	dBµV/m 68.20	dB -20.33	
	reak	29.00		-			
		04.40	~ 4 4 4 4				
15900.00 N/A	Peak	31.10	24.40	55.50	74.00	-18.50	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e ^{IE}	EEE 802.11a / 5320 MHz	Те	mp/Hum	22.1(°C)/ 41%RH
Test Item	1	Harmonic	Т	est Date	May 2	21, 2020
Polarize		Vertical	Tes	t Engineer		ay Li
Detector	-	Peak				
120 Level (dBuV/	m)			i		
110				 		
90						
70	╢╴╴╴╴╛╴╽╴┖┊║╿╴╴╴╛╶╶╴╸					- -
50	1					
30						
10						
0 <mark></mark>	8800.	16600.	244	00.	32200.	40000
		FIE	quency (MHz)			
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10640.00	Peak	29.73	18.39	48.12	74.00	-25.88
15960.00	Peak	31.05	24.53	55.58	74.00	-18.42

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e I	EEE 802.11a / 5320 MHz	Te	emp/Hum	22.1(°C	°C)/ 41%RH	
Test Item	1 I	Harmonic	Т	est Date	May 21, 2020		
Polarize		Horizontal	Tes	st Engineer	Ray Li		
Detector	•	Peak					
120 Level (dBuV/	m)						
110							
90							
70 ⁻ #1 6-11 11	╢╴╴╴╴╛╴╽╴┶╶║╿╴╴╴╛╴╴						
50	1	2					
30							
10							
0 <mark></mark>	8800.	16600.	244 quency (MHz)	400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin	
	Mode	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB	
MHz	I PK/QP/AV		~-		-		
MHz 10640.00	PK/QP/AV Peak	30.18	18.39	48.57	74.00	-25.43	
			18.39 24.53	48.57 54.60	74.00 74.00	-25.43 -19.40	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		2.11n 20 MHz 260 MHz	/ Те	emp/Hum	22.1(°C)/ 41%RH
Test Item		larmonic	Т	Test Date N		21, 2020
Polarize		Vertical	Tes	t Engineer		ay Li
Detector		Peak				
120	m)					
110						
90				 		
70	╢					
		2				
50	1					
30						
10				·		
0	8800.	16600. Ere	244 quency (MHz)	100.	32200.	40000
	8800.		244 equency (MHz)	100.	32200.	40000
0 1000		Fre	quency (MHz)			
	Detector	Fre		Actual	Limit	40000 Margin
01000 Freq.	Detector Mode	Fre Spectrum Reading Level	quency (MHz) Factor	Actual FS	Limit @3m	Margin
0 Freq. MHz	Detector Mode PK/QP/AV	Fre Spectrum Reading Level dBµV	quency (MHz) Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
01000 Freq.	Detector Mode	Fre Spectrum Reading Level	quency (MHz) Factor	Actual FS	Limit @3m	Margin

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
0L 1000	8800.	16600. Fred	244 juency (MHz)	400.	32200.	40000
10						
30						
50	1	2				
70 _ 						
90						
110						
120 Level (dBuV/m)					
Detector		Peak				-
Polarize		Horizontal		t Engineer	-	ay Li
Test Item		5260 MHz Harmonic		est Date		21, 2020
Test Mode		02.11n 20 MHz	/ Те	emp/Hum	22.1(℃)/ 41%RF

i ieq.	Delector	Spectrum	I actor	Actual	Linin	wiai yiri
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10520.00	Peak	30.56	18.30	48.86	68.20	-19.34
15780.00	Peak	30.58	23.19	53.77	74.00	-20.23
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Fre	quency (MHz)			
0 <mark></mark>	8800.	16600.		400.	32200.	40000
10						
50						
30					 	
50	1					
70 _ 	d-U-tyWtd	2	1			
90						
110						
120 Level (dBuV/m)					
Detector		Peak				
Polarize		Vertical	Tes	t Engineer	Ra	ay Li
Test Item		Harmonic	Т			21, 2020
Test Mode		IEEE 802.11n 20 MHz / 5300 MHz		emp/Hum	22.1(°C)/ 41%RH	

	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10600.00	Peak	30.72	18.32	49.04	68.20	-19.16
15900.00	Peak	30.71	24.40	55.11	74.00	-18.89
N/A						
	1		L			

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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2020 _i
1
40000
Margin
dB
-20.00
-18.55
-10.00

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		IEEE 802.11n 20 MHz / 5320 MHz			22.1(°C)/ 41%RH
Test Item		larmonic	Т	est Date	May 2	21, 2020
Polarize		Vertical	Tes	t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/r	m)					
110						
90						
70	╢╴╴╴╴╛╴╽╴┖╶╢╿╴╴╴╴╴					
50	11	2				
30						
10						
0 ^L 1000	8800.	16600. Fre	244 quency (MHz)	400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
MHz				1		1
MHz 10640.00	Peak	29.48	18.39	47.87	74.00	-26.13
		29.48 30.61	18.39 24.53	47.87 55.14	74.00 74.00	-26.13 -18.86

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		IEEE 802.11n 20 MHz / 5320 MHz			22.1(°C	.)/ 41%RH	
Test Item		Harmonic			May 2	ay 21, 2020	
Polarize	H	Horizontal		st Engineer		ay Li	
Detector		Peak					
120	1)						
110						1 1 1	
90				1 I I I I I I I I I I I I I I I I I I I		 	
70	▐ſ─ĨĿŢĹĬĬĨŢŢŢŢŢŢŢŢŢŢ						
50	11	2					
30							
10							
0 <mark>1000</mark>	8800.	16600. Fre	24 quency (MHz)	400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin	
MHz	Mode	Reading Level	٩D	FS	@3m	40	
10640.00	PK/QP/AV Peak	dBμV 29.83	dB 18.39	dBµV/m 48.22	dBμV/m 74.00	dB -25.78	
				_			
15960.00	Peak	30.85	24.53	55.38	74.00	-18.62	
N/A							

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 40 MHz 5270 MHz	z / Te	emp/Hum	22.1(°C	.)/ 41%RH
Test Item		Harmonic	Т	est Date	May 2	21, 2020
Polarize		Vertical		t Engineer		ay Li
Detector		Peak				
120	m)					
110						: : : : :
90						
50	╢	2				
30						
10					 	1 1 1
0 <mark></mark>	8800.	16600.	244	100.	32200.	40000
		Fre	equency (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MI I-	Mode	Reading Level		FS dBull/m	@3m	-10
MHz 10540.00	PK/QP/AV	dΒμV	dB 18.34	dBµV/m 49.24	dBµV/m 68.20	dB -18.96
10040.00	Peak	30.90	23.31			
15810.00	Peak	30.36		53.67	74.00	-20.33

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 40 MHz 5270 MHz	/ Τε	emp/Hum	22.1(°C)/ 41%RF
Test Item		Harmonic	Т	est Date	te May 21,	
Polarize		Horizontal	Tes	t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/	m)					
110						
90						
70 <mark>- - </mark> -	₩1-1-1,₩11					
50	1	2				
30						
10				, , , , , , , , , , , , , , , , , , ,		
0 <mark></mark>	8800.	16600.		4 00.	32200.	40000
		Free	quency (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
rieq.		Reading Level		FS	@3m	
rieq.	Mode	Roading Lovor				
MHz	Mode PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
			dB 18.34	dBµV/m 48.42	dBμV/m 68.20	dB -19.78

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		IEEE 802.11n 40 MHz / 5310 MHz		mp/Hum	22.1(°C)/ 41%RH
Test Item		larmonic	Т	Test Date Ma		21, 2020
Polarize		Vertical		t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/r	n)					
110						
90						
70-111-111-111-	╟∮-┠-┞-╢╿∮					<u>+</u>
50	1	2				
30						
10						
0 <mark></mark> 1000	8800.	16600. Fre	244 quency (MHz)	00.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10620.00	Peak	30.58	18.35	48.93	74.00	-25.07
	Deals	20.40	24.44	54.92	74.00	40.00
15930.00	Peak	30.48	24.44	54.92	74.00	-19.08

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Fest Mode		2.11n 40 MHz 310 MHz	/ Τε	emp/Hum	22.1(°C)/ 41%RH
Test Item		larmonic	Т	est Date	May 21, 2020	
Polarize	H	lorizontal	Tes	t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/m 110)					
90						
70	LII////	2				
50	1					
30						
10						
0 <mark></mark>	8800.	: 16600. Free	244 quency (MHz)	400.	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10620.00	Peak	30.24	18.35	48.59	74.00	-25.41
		20.00	24.44	54.77	74.00	-19.23
15930.00	Peak	30.33	24.44	54.77	74.00	-19.25

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Data for UNII-2c

	5	5500 MHz	Temp/Hum	מ 22.1(°C)/ 41%RF
Test Item		Harmonic	Test Date	Test Date May 2	
Polarize		Vertical	Test Engine		Ray Li
Detector		Peak			
120 Level (dBuV/m)	i	i	; ; ; ;	i	;
110					
90					
70	l_tMtt	<u>_ </u> 2			<mark>_</mark>
50					
30					
10					
0 ^L 1000	8800.	16600.	24400. Icy (MHz)	32200.	40000

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000.00	Peak	30.20	19.20	49.40	74.00	-24.60
16500.00	Peak	30.56	28.82	59.38	68.20	-8.82
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e	IEEE 802.11a / 5500 MHz		mp/Hum	22.1(°C)/ 41%RF	
Test Item	1 I	Harmonic	Te	est Date	May 2	21, 2020
Polarize	!	Horizontal	Tes	t Engineer		ay Li
Detector	-	Peak				
120	m)					
110						
90						
70	╢╴╴╴╴╴╴				<u></u> [-]	
50						
30						
30 10						
	8800.	16600. Fra	244 guoney (MUz)	00.	32200.	40000
10	8800.		244 quency (MHz)	00.	32200.	40000
10	8800. Detector			00. Actual	32200. Limit	40000 Margin
10 0 1000		Fre	equency (MHz)			
10 0 1000	Detector	Fre Spectrum	equency (MHz)	Actual	Limit	
10 0 1000 Freq.	Detector Mode	Fre Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Freq.	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
			quency (MHz)			
0 <mark></mark>	8800.	16600.	244	400.	32200.	40000
10						
30						
50						
		2				
70						
90	 					1 1 1
110						
	.,					
120	1)					
Detector		Peak				
Polarize		Vertical	Tes	t Engineer	R	ay Li
Test Item		Harmonic		est Date		21, 2020
Test Mode		IEEE 802.11a / 5580 MHz		emp/Hum	22.1(°C)/ 41%RI	

	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11160.00	Peak	30.41	19.54	49.95	74.00	-24.05
16740.00	Peak	29.92	30.51	60.43	68.20	-7.77
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e	IEEE 802.11a / 5580 MHz		emp/Hum	22.1(°C)/ 41%RH	
Test Item	1	Harmonic	Т	est Date	May 2	21, 2020
Polarize		Horizontal	Tes	t Engineer		ay Li
Detector	,	Peak				
120 Level (dBuV/r	n)					
90						
	║╛╌╏╴┖╴╢╿╴╛╌╌			· · · · · · · · · · · · · · · · · · ·		- <mark>-</mark>
50						
30						
10						
0 <mark>. 1000</mark>	8800.	16600. Fred	244 quency (MHz)	400.	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11160.00	Peak	30.76	19.54	50.30	74.00	-23.70
16740.00	Peak	30.55	30.51	61.06	68.20	-7.14

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	Mode IEEE 802.11a 5700 MHz		Te	emp/Hum	22.1(°C)/ 41%RF	
Test Iten	า	Harmonic	Т	est Date	May 2	21, 2020
Polarize	•	Vertical	Tes	t Engineer	R	ay Li
Detecto	r	Peak				
120 Level (dBuV/	m)				1	
110						
90						
70 ⁻	┨╟╶───╛─Ъ┠╴┖╶╢╢┨───╛───	 _ 				
50						
30						
10						
0 <mark></mark> 1000	8800.	16600. Fre	244 quency (MHz)	100.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11400.00	Peak	30.51	19.03	49.54	74.00	-24.46
17100.00	Peak	30.36	34.03	64.39	68.20	-3.81

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	est Mode IEEE 802.11a / 5700 MHz		Te	emp/Hum	22.1(°C)/ 41%RH	
Test Item	1	Harmonic	Т	est Date	May 2	21, 2020
Polarize		Horizontal		st Engineer		ay Li
Detector	-	Peak				
120 Level (dBuV/ 110 90 70 HL 10 50 30						
10		·····	·			
0 1000	8800.	16600. Freq	24 uency (MHz)	400.	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
	Peak	30.45	19.03	49.48	74.00	-24.52
11400.00	4		04.00	64.47	68.20	-3.73
11400.00 17100.00	Peak	30.44	34.03	04.47	00.20	-3.73
	Peak	30.44	34.03	04.47	00.20	-3.73

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



Test Mod	e I	IEEE 802.11a / 5720 MHz		emp/Hum	22.1(°C	22.1(°C)/ 41%RF	
Test Item	1 I	Harmonic	Т	est Date	May 22, 2020		
Polarize		Vertical	Tes	t Engineer	Ray Li		
Detector	-	Peak					
120 Level (dBuV/r	m)]	
90							
70	╢∫-โ-โ-╢╢∫					<u>.</u>	
50							
30							
10							
0 <mark></mark> 1000	8800.	16600. Free	244 quency (MHz)	400.	32200.	40000	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
11440.00	Peak	dBμV 30.77	<u>ав</u> 19.05	dBµV/m 49.82	dBμV/m 74.00	dB -24.18	
17160.00	Peak	30.58	34.05	64.63	68.20	-3.57	
N/A							

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e	EEE 802.11a / 5720 MHz	Te	emp/Hum	22.1(°C)/ 41%RF
Test Item	1	Harmonic	Т	est Date	May 2	22, 2020
Polarize		Horizontal	Tes	st Engineer	Ray Li	
Detector		Peak				
120 Level (dBuV/r	m)					
110				+		
90				· · · · · · · · · · · · · · · · · · ·		
70-11-111	╢!~╢╴╷║╢!					
50	1					
30						
10						
0 <mark>;</mark> 1000	8800.	16600. Fre	244 quency (MHz)	400.	32200.	40000
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11440.00	Peak	31.01	19.05	50.06	74.00	-23.94
17160.00	Peak	29.91	34.05	63.96	68.20	-4.24
17100.00						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		2.11n 20 MHz 500 MHz	/ Те	emp/Hum	22.1(°C)/ 41%RH
Test Item		larmonic	Т	est Date	May 21, 2020	
Polarize		Vertical		t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/	m)					
110						
90						1 1 1
70-111 -111-1-1 1-	╢╴╴╴╴╴╴					
		2				
50	1					
30						
10						
						1 1 1
0 1000	8800.	16600. Fre	244 quency (MHz)	100.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11000.00	Peak	29.73	19.20	48.93	74.00	-25.07
16500.00	Peak	31.06	28.82	59.88	68.20	-8.32

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode	-	02.11n 20 MHz 5500 MHz	:/ Те	mp/Hum	22.1(°C)/ 41%RH	
Test Item	I	Harmonic	Т	est Date	May 21, 2020	
Polarize	ŀ	Horizontal	Tes	t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/r	m)					;]
110						
90						
70 _	╢			 		
		2				
50	·····	2				
50 30						
30 10	8800.	16600.	244		32200.	40000
30		16600.				
30 10		16600.	244			
30 10 0 1000	8800.	2 	244 quency (MHz)	00.	32200.	40000
30 10 0 1000	8800. Detector	2 16600. Fre	244 quency (MHz)	00.	32200.	40000
30 10 0 1000 Freq.	8800. Detector Mode	16600. Fre Spectrum Reading Level	244 quency (MHz) Factor	00. Actual FS	32200. Limit @3m	40000 Margin

Remark:

N/A

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 20 MHz 5580 MHz	Te	emp/Hum	22.1(°C)/ 41%RH	
Test Item		Harmonic	Т	est Date	May 21, 2020	
Polarize		Vertical		t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/	m)					
110						
90						
70	₩					· · · · · · · · · · · · · · · · · · ·
	1	2				
50			i	·		
30						1
40						
10						
0 <mark>1000</mark>	8800.	16600. Fre	244 equency (MHz)	400.	32200.	40000
			queries (minz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11160.00	Peak	30.73	19.54	50.27	74.00	-23.73

11160.00	Peak	30.73	19.54	50.27	74.00	-23.73
16740.00	Peak	30.16	30.51	60.67	68.20	-7.53
N/A						
	•	·	·	·	·	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode	-	02.11n 20 MHz 5580 MHz	/ Te	emp/Hum	22.1(°C	22.1(°C)/ 41%RH	
Test Item		Harmonic	Т	est Date	May 2	May 21, 2020	
Polarize		Horizontal	Tes	st Engineer		ay Li	
Detector		Peak					
120 Level (dBuV/m 110 90 70 H		2					
10							
0 <mark></mark>	8800.	16600.	24	400.	32200.	40000	
1000	0000.		uency (MHz)		52200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB	
MHz 11160.00	PK/QP/AV Peak	dBμV 31.04	dB 19.54	dBµV/m 50.58	dBμV/m 74.00	dB -23.42	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		2.11n 20 MHz . 700 MHz	/ Τε	emp/Hum	22.1(°C)/ 41%RH		
Test Item	Н	larmonic	Т	Test Date		May 21, 2020	
Polarize	,	Vertical	Tes	t Engineer		ay Li	
Detector		Peak					
120 Level (dBuV/r	<u>m)</u>						
110							
90							
70							
		ī					
50	1						
50 30	1						
30	8800.	16600. Free	244 quency (MHz)	400.	32200.	40000	
30 10				400.	32200.	40000	
30 10				i00.	32200.	40000 Margin	
30 10 0 1000	8800.	Free	quency (MHz)				
30 10 0 1000	8800. Detector	Free	quency (MHz)	Actual	Limit		
30 10 0 1000 Freq.	8800. Detector Mode	Free Spectrum Reading Level	quency (MHz) Factor	Actual FS	Limit @3m	Margin	
30 10 0 1000 Freq.	8800. Detector Mode PK/QP/AV	Free Spectrum Reading Level dBµV	quency (MHz) Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		2.11n 20 MHz 700 MHz	/ Te	emp/Hum	22.1(°C)/ 41%RH		
Test Item	F	larmonic	T	est Date	May 2	May 21, 2020	
Polarize	Horizontal		Tes	t Engineer		ay Li	
Detector	Peak						
120 Level (dBuV/	m)						
110							
90							
70	╢╛╌					-	
50	1						
30							
10				· · · · · · · · · · · · · · · · · · ·			
0 1000	8800.	16600.	24	400.	32200.	40000	
1000	0000.		quency (MHz)		52200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin	
	Mode	Reading Level		FS	@3m		
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
11400.00	Peak	30.07	19.03	49.10	74.00	-24.90	
17100.00	Peak	30.56	34.03	64.59	68.20	-3.61	
N/A							
	1						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode)2.11n 20 MHz / 720 MHz	Γε Τε	emp/Hum	22.1(°C)/ 41%RF	
Test Item		larmonic	Т	est Date	May 22, 2020	
Polarize		Vertical	Tes	t Engineer		
Detector		Peak				
120)					
110						
90						
70 _ <u> </u> - - - - - - -		- - I- - -				<u>+</u>
50						
30						
10						
0 <mark></mark> 1000	8800.	16600. Free	244 quency (MHz)	400.	32200.	40000
_	-					
Freq.	Detector Mode	Spectrum	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	Reading Level dBµV	dB	гэ dBµV/m	dBµV/m	dB
11440.00	Peak	30.24	19.05	49.29	74.00	-24.71
17160.00	Peak	30.88	34.05	64.93	68.20	-3.27
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Fest Mode		2.11n 20 MHz 720 MHz	/ Τε	emp/Hum	22.1(°C	22.1(°C)/ 41%RF	
Test Item	F	larmonic	T	est Date	May 22, 2020		
Polarize	Н	orizontal	Tes	t Engineer	Ra	ay Li	
Detector		Peak					
120 Level (dBuV/r 110 90							
70 <mark> </mark>	╟╴╴╴╴╡╴┧╴┧┊║╿Ҳ╶╴╴┥╴╶	-					
50	1						
30							
10							
0 <mark>1000</mark>	8800.	16600. Fre	244 quency (MHz)	400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
MHz				1	1	1	
MHz 11440.00	Peak	30.44	19.05	49.49	74.00	-24.51	
	Peak Peak	30.44 30.62	19.05 34.05	49.49 64.67	74.00 68.20	-24.51 -3.53	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode	5	02.11n 40 MHz 510 MHz	IE	emp/Hum	22.1(°C)/ 41%RF	
Test Item	ŀ	Harmonic		est Date	May 21, 2020	
Polarize		Vertical	Tes	t Engineer	Ra	ay Li
Detector		Peak				
120 Level (dBuV/m)					
110						
90	 				· · · · · · · · · · · · · · · · · · ·	
70	<u></u>				·	
		4				
50						
30						
10						
0						
1000	8800.	16600. Fre	244 quency (MHz)	400.	32200.	40000
			<i>j</i> (<i>j</i>			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB

Mode	•		FS	@3m	wargin
PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Peak	30.89	19.26	50.15	74.00	-23.85
Peak	31.12	29.02	60.14	68.20	-8.06
	Mode PK/QP/AV Peak	ModeReading LevelPK/QP/AVdBµVPeak30.89	ModeReading LevelPK/QP/AVdBµVdBPeak30.8919.26	ModeReading LevelFSPK/QP/AVdBµVdBdBµV/mPeak30.8919.2650.15	Mode Reading Level FS @3m PK/QP/AV dBμV dB dBμV/m dBμV/m Peak 30.89 19.26 50.15 74.00

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
0 <u>1000</u>	8800.	16600. Free	244 quency (MHz)	400.	32200.	40000
10						
30						
50						
70	╟╴╴╴╴┥╴╽╴┟╴╢╢╴╴┥╶╶╴					<u>+</u>
90						
110						
120	n)					
Detector		Peak				
Polarize		Horizontal		t Engineer	Ray Li	
Test Item		Harmonic	т	est Date	May 21, 2020	
Test Mode		5510 MHz	IE	emp/Hum	22.1(°C)/ 41%l	

	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11020.00	Peak	30.25	19.26	49.51	74.00	-24.49
16530.00	Peak	30.88	29.02	59.90	68.20	-8.30
N/A						
	-	·			•	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		550 MHz		emp/Hum	22.1(°C)/ 41%RH	
Test Item	ŀ	Harmonic		est Date		21, 2020
Polarize		Vertical	Tes	t Engineer	R	ay Li
Detector		Peak				
120 Level (dBuV/m	<u>1)</u>					
110						
90				 		I
70 - - - - - -	<u>↓</u> ┥-╽- <u>↓</u> ┥╢ <u>↓</u> ┥·			·	·	
				• • • • • • • • • • • • • • • • • • •		1
50				L	·	1 1 1 1
30					,	
50				1 I 1 I 1 I 1 I		
10						: : :
0 ¹ 1000	8800.	16600. Ere	244 equency (MHz)	400.	32200.	40000
			4			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11100 00	Peak	29.96	19.58	49 54	74 00	-24 46

i ieq.	Mode	Reading Level	T actor	FS	@3m	wiargin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11100.00	Peak	29.96	19.58	49.54	74.00	-24.46
16650.00	Peak	30.32	29.44	59.76	68.20	-8.44
N/A						
		1			1	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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MHz 11100.00	PK/QP/AV Peak	dBμV 31.07	dB 19.58	dBµV/m 50.65	dBμV/m 74.00	dB -23.35	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
_							
0 ^L 1000	8800.	16600. Fre	244 quency (MHz)	100.	32200.	40000	
10							
30							
50	1						
70	<u>┠╴╴╴╴</u> ╡╴╽╴ <u>╄</u> ┊╢╢┨╴╴╛╴╴╴				<u></u> F- <u>E</u>		
90							
110							
120 Level (dBuV/n	1)						
Detector		Peak					
Polarize	ŀ	Horizontal		t Engineer	Ra	ay Li	
Test Item	ŀ	Harmonic		Test Date		May 21, 2020	
Test Mode		02.11n 40 MHz 550 MHz	Te	emp/Hum	22.1(°C)/ 41%RF		

Remark:

N/A

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		116	40010y (III112)			
0 <mark>1000</mark>	8800.	16600. Fre	244 quency (MHz)	00.	32200.	40000
10				 		
30	- - - -					
50						
/OFHE-HEFER B-	║∫-\}-\}		<u>t</u> _t <u>t</u> _t <u>-</u>		<u></u> }- <u></u>	
90						
110						-
120 Level (dBuV/r	n)					
Detector		Peak				
Polarize		Vertical		t Engineer		ay Li
Test Item		Harmonic	Т	est Date	May 21, 2020	
Test Mode		02.11n 40 MHz 670 MHz	Te	mp/Hum	22.1(°C)/ 41%RH	

	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11340.00	Peak	31.36	19.28	50.64	74.00	-23.36
17010.00	Peak	30.38	33.96	64.34	68.20	-3.86
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		IEEE 802.11n 40 MHz / 5670 MHz		emp/Hum	22.1(°C)/ 41%RH		
Test Item	H	Harmonic	Т	est Date	May 2	May 21, 2020	
Polarize	ŀ	Iorizontal	Tes	t Engineer		ay Li	
Detector		Peak					
120 Level (dBuV/	/m)					.	
110							
90							
70 ⁻ _ - -	₽₩₽₽₽₽₽₽₩₩₽₽₽₽				F.		
	<u> </u>						
50							
50 30							
30 10							
30	8800.	16600.		100.	32200.	40000	
30 10	8800.		244 Equency (MHz)	100.	32200.	40000	
30 10	8800. Detector			ioo.	32200.	40000 Margin	
30 10 0 1000		Fre	equency (MHz)				
30 10 0 1000	Detector	Fre	equency (MHz)	Actual	Limit		
30 10 0 1000 Freq.	Detector Mode	Fre Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	

Remark:

N/A

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 40 MHz 5710 MHz	/ Τε	emp/Hum	22.1(°C)/ 41%RF	
Test Item		Harmonic	Т	est Date	May 22, 2020	
Polarize		Vertical		t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/m)	1		i			
110						
90						
70-11-11-1						.
						·
50		· · · · · · · · · · · · · · · · · · ·	 	 		
30						
10						
0 ^L 1000	8800.	16600. Fred	244 Juency (MHz)	400.	32200.	40000
Farm	Datastar	O rrest many	Fastar		1 **** **	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11420.00	Peak	30.37	19.04	49.41	74.00	-24.59
17130.00	Peak	30.90	34.05	64.95	68.20	-3.25
N/A		1				
		1 1				
		I L		1	1	l

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 40 MHz 5710 MHz	z / Te	mp/Hum	22.1(°C)/ 41%RH	
Test Item		Harmonic	Te	est Date	May 22, 2020	
Polarize	ŀ	Horizontal		t Engineer		ay Li
Detector		Peak				
Lovol (dBuV	(m)					
120 Level (dBuV					1	
110	 			 	 	
90						
70-11-11-1	₩₽-₩-₩₩₽					
50	1					
30					 	
10				 		
0						
°1000	8800.	16600. Fre	244 equency (MHz)	00.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
	114 4177					
11420.00	Peak	31.28	19.04	50.32	74.00	-23.68

11420.00	Peak	31.28	19.04	50.32	74.00	-23.68
17130.00	Peak	30.36	34.05	64.41	68.20	-3.79
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Data for UNII-3

10 0 1000	8800.	16600.	24400.	32200.	40000	
30						
UC						
50		1				
70	LJ-L-L-MLJ-					
90					 	
110						
120 Level (dBuV/m	<u>)</u>	i i				
Detector		Peak				
Polarize		Vertical	Test Engine	eer F	Ray Li	
Test Item		Harmonic	Test Date		May 21, 2020	
Test Mode)	IEEE 802.11a / 5745 MHz	Temp/Hur	m 22.1(°	22.1(°C)/ 41%RI	

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11490.00	Peak	30.23	19.13	49.36	74.00	-24.64
17235.00	Peak	30.66	33.97	64.63	68.20	-3.57
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode	e	EEE 802.11a / 5745 MHz	Te	emp/Hum	22.1(°C)/ 41%RH
Test Item	1 I	Harmonic	Т	est Date	May 21, 2020	
Polarize		Horizontal	Tes	Test Engineer		ay Li
Detector		Peak				
120 Level (dBuV/r	m)					
110						
90						
70	₩₽₽₽₽₩₽₽					
50						
30			1			
30 10						
	8800.	16600.		400.	32200.	40000
10 0 1000	8800.	Fre	quency (MHz)			
10	Detector	Fre Spectrum		Actual	Limit	40000 Margin
10 0 1000 Freq.	Detector Mode	Fre Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
10 0 1000	Detector	Fre Spectrum	quency (MHz)	Actual	Limit	
10 0 1000 Freq.	Detector Mode	Fre Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
10 0 1000 Freq. MHz	Detector Mode PK/QP/AV	Fre Spectrum Reading Level dBµV	fquency (MHz) Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e	EEE 802.11a / 5785 MHz	Te	emp/Hum	22.1(°C)/ 41%RH
Test Item	1	Harmonic	Т	est Date	May 21, 2020	
Polarize		Vertical	Tes	t Engineer	R	ay Li
Detector	-	Peak				
120	m)					
110						
90						
70 - # L_ L -	₩₫-₩-₩₩					
50						
30						
10						
		40000				
0 ^L 1000	8800.	16600. Fre	244 equency (MHz)	400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11570.00	Peak	31.75	19.04	50.79	74.00	-23.21
17355.00	Peak	30.53	34.47	65.00	68.20	-3.20

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e I	EEE 802.11a / 5785 MHz	Te	emp/Hum	22.1(°C)/ 41%RH
Test Item	1	Harmonic	Т	est Date	May 2	1, 2020
Polarize		Horizontal	Tes	t Engineer		ay Li
Detector		Peak				
120 Level (dBuV/	m)					
110						
90						
70	זערזרז מחר					.
50		1				
30	 					
50						
10		· · · · · · · · · · · · · · · · · · ·		i +		
0 <mark></mark>	8800.	16600.		400.	32200.	40000
		Freq	uency (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11570.00	Peak	29.59	19.04	48.63	74.00	-25.37
17355.00	Peak	30.82	34.47	65.29	68.20	-2.91
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e II	EEE 802.11a / 5825 MHz	Te	emp/Hum	22.1(°C)/ 41%RH
Test Item	1 I	Harmonic	Т	est Date	May 21, 2020	
Polarize	1	Vertical	Tes	t Engineer		ay Li
Detector	-	Peak				
120 <mark>Level (dBuV//</mark> 110	m)					
90						
70 _	╢╴╴╴╴╛╴┠╴┠┊╢╢╴╴╴╴╴					<u>+</u>
50						
30						
10						
0 <mark></mark>	8800.	16600.	24/	100.	32200.	40000
			quency (MHz)			
Freq.	Detector Mode	Spectrum	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	Reading Level dBµV	dB	гэ dBµV/m	@3m dBµV/m	dB
11650.00	Peak	29.48	19.14	48.62	74.00	-25.38
11000.00						
47475.00	D	00.04				
17475.00 N/A	Peak	29.61	34.30	63.91	68.20	-4.29

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mod	e II	EEE 802.11a / 5825 MHz	Te	emp/Hum	22.1(°C)/ 41%RF	
Test Item	1	Harmonic	Т	est Date	May 21, 2020	
Polarize		Horizontal	Tes	t Engineer		ay Li
Detector		Peak				
50	m)					
30 10 0 1000	8800.	16600. Fred	244 quency (MHz)	400.	32200.	40000
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
i ieq.	Mode	Reading Level	racion	FS	@3m	wargin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11650.00	Peak	30.16	19.14	49.30	74.00	-24.70
17475.00	Peak	29.50	34.30	63.80	68.20	-4.40
N/A						

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Detector	Spectrum	Factor	Actual	Limit	Margin
8800.	16600. Fre		00.	32200.	40000
	2				
					-
1			1	1	
	Peak		Ŭ		,
	Vertical			Ray Li	
					-
	8800.	Peak Peak	S745 MHZ Harmonic Tes Vertical Tes Peak Image: second seco	Harmonic Test Date Vertical Test Engineer Peak Image: Second	ST45 IVITZ Test Date May 2 Harmonic Test Engineer R Peak Peak

Remark:

17235.00

N/A

Peak

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

30.12

2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

33.97

64.09

68.20

-4.11



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Test Mode	-	02.11n 20 MHz 5745 MHz	τε	emp/Hum	22.1(°C	22.1(°C)/ 41%RH	
Test Item		Harmonic	Т	est Date	May 21, 2020		
Polarize	ł	Iorizontal	Tes	t Engineer		ay Li	
Detector		Peak					
120	/m)						
110							
90							
70 - #11 - 11 - 11 - 11 - 11 - 11 - 11 -	₩₽₽₽₽₩₩₽						
50	1						
30							
10							
0 <mark></mark> 1000	8800.	16600. Fre	244 equency (MHz)	400.	32200.	40000	
0 <mark> </mark> 1000	8800.			400.	32200.	40000	
0 1000 Freq.	8800.			Actual	32200.	40000 Margin	
1000		Fre	equency (MHz)				
1000	Detector	Fre	equency (MHz)	Actual	Limit		
Freq.	Detector Mode	Fre Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
Freq.	Detector Mode PK/QP/AV	Fre Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode	-	02.11n 20 MHz 5785 MHz	<u>z/</u>	Temp/Hu	m	22.1(°C)/ 41%RF	
Test Item		Harmonic		Test Date	e	May 21, 2020	
Polarize		Vertical	-	Test Engin	eer		ay Li
Detector		Peak					
120 <mark>Level (dBuV</mark>	/m)						
110	4						
90					 		
70	<u>║</u> ſſ <u></u> Ţ			1-FL			•
50	1			 			
30							
10					- - -!		
0 <mark>1000</mark>	8800.	16600. Fre	quency (MHz	24400.	1	32200.	40000
Freq.	Detector	Spectrum	Facto	r Actu	al	Limit	Margin
	Mode	Reading Level		FS		@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV	/m	dBµV/m	dB
11570.00	Peak	29.94	19.04	48.9	8	74.00	-25.02
17355.00	Peak	30.20	34.47	64.6	7	68.20	-3.53
		1					1

Remark:

N/A

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 20 MHz 5785 MHz	z/ Te	emp/Hum	22.1(°C)/ 41%RF	
Test Item		Harmonic	Т	Test Date Ma		May 21, 2020	
Polarize	ŀ	Horizontal	Tes	t Engineer		ay Li	
Detector		Peak					
120 Level (dBuV/m)						
110							
90							
70 _							
		Ī					
50					i i i 		
30							
10							
0 <mark></mark>	8800.	16600.		400.	32200.	40000	
		Fre	quency (MHz)				
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin	
	Mode	Reading Level		FS	@3m	Ŭ	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
11570.00	Peak	30.00	19.04	49.04	74.00	-24.96	
17355.00	Peak	30.53	34.47	65.00	68.20	-3.20	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
1000	8800.		quency (MHz)	ω.	JZZ00.	40000
0	8800.	16600.	244	400.	32200.	40000
10						
30						
50						
	LI- t <u>t</u> lu t		t_t - t_t - t_t		T - <u>L + </u>	
90						
110						
120 Level (dBuV/m	1					
Louol (dDr/V/m	、					
Detector		Peak				
Polarize Detector				t Engineer	R	ay Li
Test Item		Harmonic		est Date		21, 2020
Test Mode		IEEE 802.11n 20 MHz/ 5825 MHz		emp/Hum	22.1(°C)/ 41%RH	

	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11650.00	Peak	30.44	19.14	49.58	74.00	-24.42
17475.00	Peak	30.25	34.30	64.55	68.20	-3.65
N/A						
L	l					

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		802.11n 20 MHz 5825 MHz	Te	emp/Hum	22.1(°C)/ 41%RF	
Test Item		Harmonic	Т	est Date	May 2	21, 2020	
Polarize		Horizontal	Tes	Test Engineer		Ray Li	
Detector		Peak					
120 Level (dBuV/r	n)						
90							
70	╟╴╴╴╴╛╴╽╴┧╶╢╢╷╴╴╛╶╶╴	····					
50							
30							
10							
0 <mark></mark>	8800.	16600.	244 quency (MHz)	400.	32200.	40000	
		ried	Juency (MHZ)				
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin	
	Mode	Reading Level		FS	@3m		
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
11650.00	Peak	30.84	19.14	49.98	74.00	-24.02	
17475.00	Peak	29.85	34.30	64.15	68.20	-4.05	
17470.00							

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode	-	802.11n 40 MHz 5755 MHz	^{//} Te	emp/Hum	22.1(°C)/ 41%RF	
Test Item		Harmonic	Т	est Date	May 2	21, 2020	
Polarize		Vertical	Tes	Test Engineer		Ray Li	
Detector		Peak					
120 Level (dBuV/r 110	n)						
90							
70 ⁻ #1 L-11 11	║╴╴╴╴╴╴	····	·····				
50							
30							
10							
0 <mark>1000</mark>	8800.	16600. Free	24 quency (MHz)	400.	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
11510.00	Peak	29.93	19.13	49.06	74.00	-24.94	
	Peak	31.35	33.98	65.33	68.20	-2.87	
17265.00	reak	51.55	00.00	00.00	00.20	2.01	

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Test Mode		02.11n 40 MHz 755 MHz	/ Te	emp/Hum	22.1(°C)/ 41%RH
Test Item		larmonic	Т	Test Date Ma		21, 2020
Polarize	H	Tes	t Engineer			
Detector		Peak		J		
120 Level (dBuV	'm)					1
110						
90						
70	₩₫-₩₫					
50						
30						
10						
0 <mark></mark> 1000	8800.	16600. Fre	244 quency (MHz)	100.	32200.	40000
			40000 (2)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11510.00	Peak	30.36	19.13	49.49	74.00	-24.51
17265.00	Peak	30.46	33.98	64.44	68.20	-3.76

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Fest Mode		IEEE 802.11n 40 MHz/ 5795 MHz			22.1(°C)/ 41%RF	
Test Item	Н	larmonic	Т	est Date	May 2	21, 2020
Polarize	Vertical					ay Li
Detector		Peak				
120	n)					
110						
90						
70						.
	Ut					
50	UL					
	UL] · L' L/UL] · · · ·					
50	UL] · L' L'IIL]					
50 30 10	8800.			400.	32200.	40000
50 30		16600.			32200.	40000
50 30 10	8800. Detector	16600. Free Spectrum	244	400.	Limit	40000 Margin
50 30 10 0 1000 Freq.	8800. Detector Mode	16600. Free Spectrum Reading Level	244 quency (MHz) Factor	400. Actual FS	Limit @3m	Margin
50 30 10 0 1000 Freq. MHz	8800. Detector Mode PK/QP/AV	16600. Free Spectrum Reading Level dBµV	244 quency (MHz) Factor dB	400. Actual FS dBμV/m	Limit @3m dBµV/m	Margin dB
50 30 10 0 1000 Freq.	8800. Detector Mode	16600. Free Spectrum Reading Level	244 quency (MHz) Factor	400. Actual FS	Limit @3m	Margin
50 30 10 0 1000 Freq. MHz	8800. Detector Mode PK/QP/AV	16600. Free Spectrum Reading Level dBµV	244 quency (MHz) Factor dB	400. Actual FS dBμV/m	Limit @3m dBµV/m	Margin dB

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit



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Freq.	Detector	Spectrum Reading Level	Factor	Actual	Limit @3m	Margin
1000	8800.		24 Juency (MHz)	400.	JZZ00.	40000
0 <mark></mark>	8800.	16600.	24	400.	32200.	40000
10						
30						
20			 			
50						
70			 			1
90						
110	·					
120 Level (dBuV/m)						;
Detector		Peak				
Polarize	Horizontal		Tes			ay Li
Test Item		larmonic	1	Test Date	May	21, 2020
Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz		Т	emp/Hum 22.1(°C		C)/ 41%RF

Freq.	Detector Mode	Spectrum Reading Level		Actual FS		Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11590.00	Peak	31.06	19.00	50.06	74.00	-23.94
17385.00	Peak	30.11	34.60	64.71	68.20	-3.49
N/A						
	MHz 11590.00 17385.00	Mode MHz PK/QP/AV 11590.00 Peak 17385.00 Peak	Mode Reading Level MHz PK/QP/AV dBµV 11590.00 Peak 31.06 17385.00 Peak 30.11	Mode Reading Level MHz PK/QP/AV dBµV dB 11590.00 Peak 31.06 19.00 17385.00 Peak 30.11 34.60	Mode Reading Level FS MHz PK/QP/AV dBµV dB dBµV/m 11590.00 Peak 31.06 19.00 50.06 17385.00 Peak 30.11 34.60 64.71	Mode Reading Level FS @3m MHz PK/QP/AV dBµV dB dBµV/m dBµV/m 11590.00 Peak 31.06 19.00 50.06 74.00 17385.00 Peak 30.11 34.60 64.71 68.20

Remark:

- 1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

- End of Test Report -