:966 Chamber C

:2021-07-08

:Ashton Chiu

:24.2/53 :Vertical



Report Number	:E2/2021/60094	Test Site
Operation Mode	:802.11n40 / Band 2	Test Date
Test Frequency	:5310 MHz	Temp./Humi.
Test Mode	:TX CH HIGH	Antenna Pol.
EUT Pol	:H Plane	Engineer

100 Level 87.5 75.0 62.5 50.0 37.5 25.0 12.5						
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10620.000 10620.000 15930.000 15930.000	Average Peak Average Peak	20.28 29.76 20.30 29.63	23.12 23.12 23.69 23.69	43.40 52.87 43.99 53.32	54.00 74.00 54.00 74.00	-10.60 -21.13 -10.01 -20.68

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Chamber C



Report Number	:E2/2021/60094	Test Site	:966 Chamber
Operation Mode	:802.11n40 / Band 2	Test Date	:2021-07-08
Test Frequency	:5310 MHz	Temp./Humi.	:24.2/53
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100	Level (dBuV/m)					
87.5							
75.0							
62.5							
50.0							
37.5							
25.0							
12.5							
9	000	8800.	16600. Frequer	24400. ncy (MHz)	32200.	40000	
Freq	.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
MHz	Z	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10620.0	000	Average	20.06	23.12	43.18	54.00	-10.82
10620.0	000	Peak	29.76	23.12	52.87	74.00	-21.13
15930.0	000	Average	20.54	23.69	44.23	54.00	-9.77
15930.0		Peak	29.48	23.69	53.17	74.00	-20.83



Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-07-08
Test Frequency	:5510 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100 Level 87.5 75.0 62.5 50.0		2 3				
25.0 12.5 1000	8800.	16600. Frequer	24400. acy (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
11020.000 11020.000 16530.000	Average Peak Peak	20.80 29.78 29.71	24.56 24.56 26.08	45.36 54.34 55.79	54.00 74.00 68.20	-8.64 -19.66 -12.41

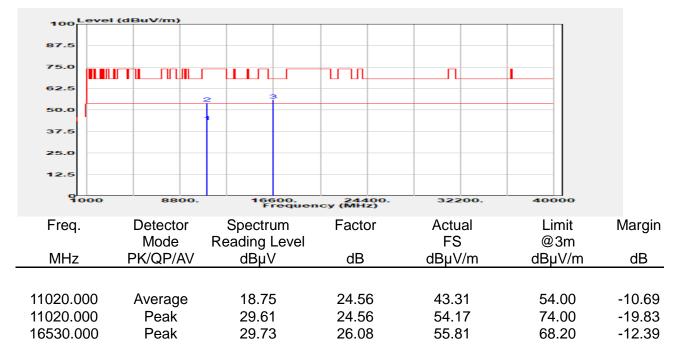
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-07-08
Test Frequency	:5510 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu



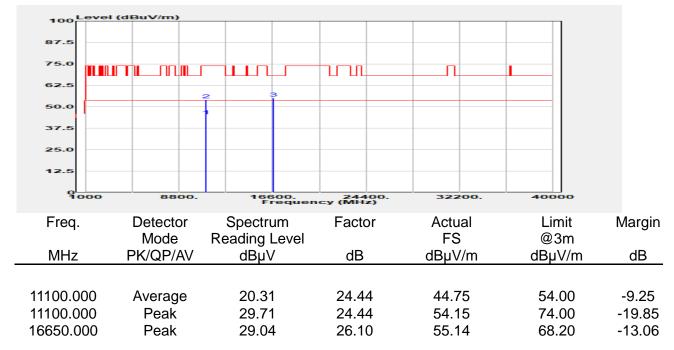
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-07-08
Test Frequency	:5550 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-07-08
Test Frequency	:5550 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100 Level 87.5 75.0	(dBuV/m)					
62.5		2 3				
50.0		1				
37.5						
25.0						
12.5						
1000	8800.	16600. Frequer	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
11100.000	Average	20.46	24.44	44.90	54.00	-9.10
11100.000	Peak	29.32	24.44	53.75	74.00	-20.25
16650.000	Peak	28.80	26.10	54.90	68.20	-13.30

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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-07-08
Test Frequency	:5670 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100 Level	(dBuV/m)					
87.5						
75.0						
62.5		3				
50.0		1				
37.5						
25.0						
12.5						
9000	8800.	16600. Frequer	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
11340.000	Average	20.80	23.71	44.51	54.00	-9.49
11340.000	Peak	29.20	23.71	52.91	74.00	-21.09
17010.000	Peak	29.34	27.03	56.37	68.20	-11.83



Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-07-08
Test Frequency	:5670 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100 Level	(dBuV/m)					
87.5						
75.0				П		
62.5		_ 3				
50.0		2				
37.5						
25.0						
12.5						
1000	8800.	16600. Frequer	24400. icy (MHz)	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
11340.000	Average	20.54	23.71	44.25	54.00	-9.75
11340.000	Peak	29.67	23.71	53.38	74.00	-20.62
17010.000	Peak	29.72	27.03	56.75	68.20	-11.45



Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3-4	Test Date	:2021-07-08
Test Frequency	:5710 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH 142	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu

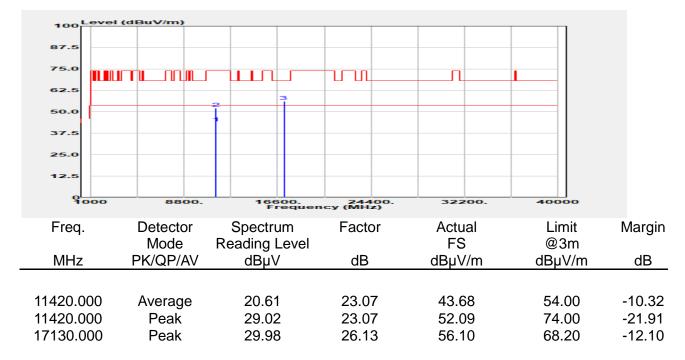
87.5 75.0 62.5				Λ		
50.0 37.5 25.0 12.5 1000	8800.	16600. Frequen	24400. ncy (MHz)	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11420.000 11420.000 17130.000	Average Peak Peak	20.36 28.68 30.50	23.07 23.07 26.13	43.43 51.74 56.63	54.00 74.00 68.20	-10.57 -22.26 -11.57

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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3-4	Test Date	:2021-07-08
Test Frequency	:5710 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH 142	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-07-08
Test Frequency	:5755 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu

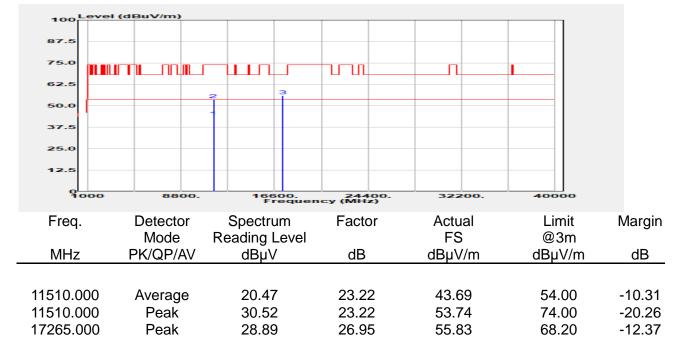
100 Level	(dBuV/m)					
87.5						
75.0				П		
62.5		3				
50.0						
37.5						
25.0						
12.5						
9000	8800.	16600. Frequer	24400. icy (MHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11510.000	Average	20.51	23.22	43.73	54.00	-10.27
11510.000	Peak	29.74	23.22	52.96	74.00	-21.04

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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-07-08
Test Frequency	:5755 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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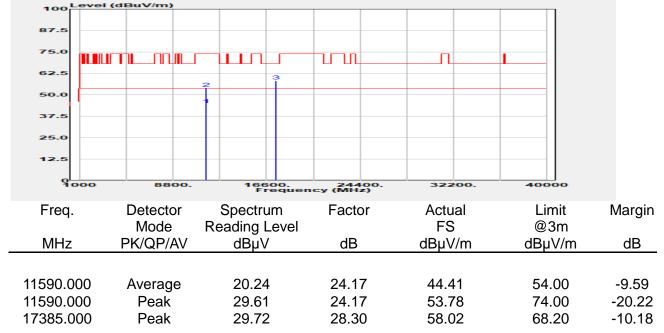
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-07-08
Test Frequency	:5795 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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100 87.5

el (dBuV/m)

Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-07-08
Test Frequency	:5795 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu

	62.5		3				
	50.0		1				
	37.5						
	25.0						
	12.5						
	9000	8800.	16600.	24400.	32200.	40000	
			Frequen	Cy (MHZ)			
	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
	Freq. MHz		•	Factor dB			Margin dB
_		Mode	Reading Level		FS	@3m	Ũ
1	MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
	MHz 11590.000	Mode PK/QP/AV Average	Reading Level dBµV 20.73	dB 24.17	FS <u>dBµV/m</u> 44.90	@3m 	dB -9.10
1	MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB

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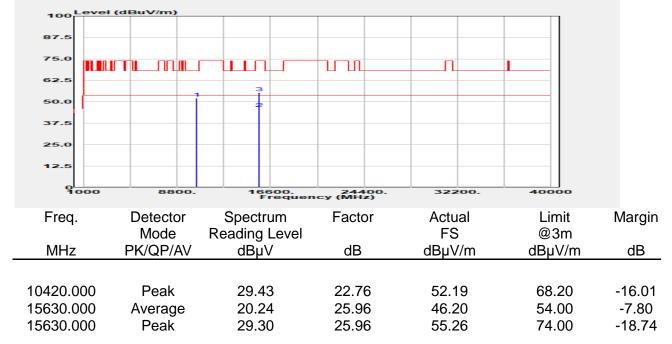
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 1	Test Date	:2021-07-08
Test Frequency	:5210 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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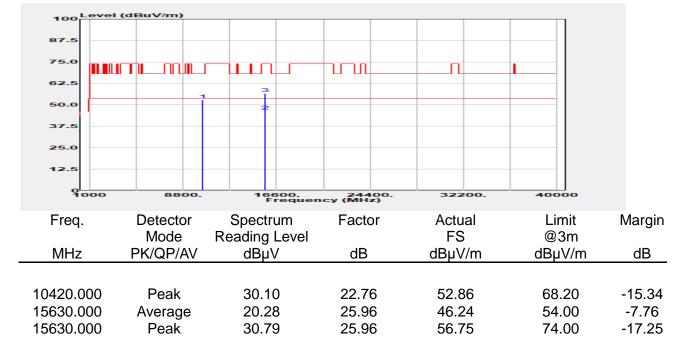
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 1	Test Date	:2021-07-08
Test Frequency	:5210 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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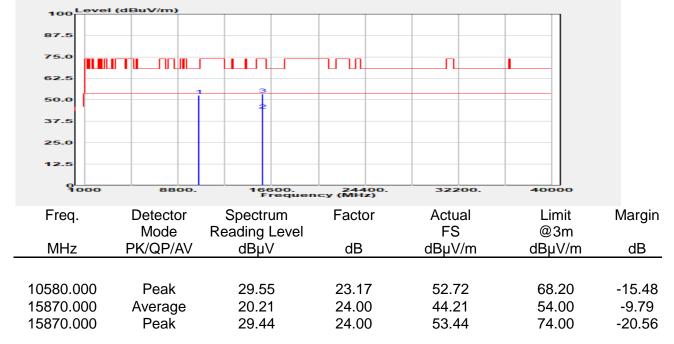
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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
                        f (886-2) 2298-0488
```



Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-07-08
Test Frequency	:5290 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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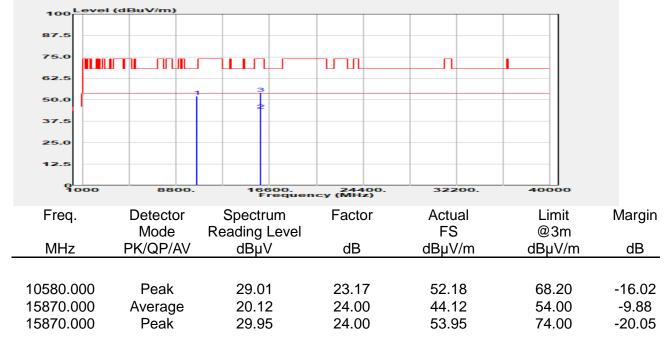
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-07-08
Test Frequency	:5290 MHz	Temp./Humi.	:23.1/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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el (dBuV/m)

100 87.5 75.0

Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-07-08
Test Frequency	:5530 MHz	Temp./Humi.	:24.8/54
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu

		2 3				
50.0						
37.5						
25.0						
12.5						
1000	8800.	16600. Frequen	24400. cy (MHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	Ū.
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
MHz		•	dB	-	-	dB

П Л

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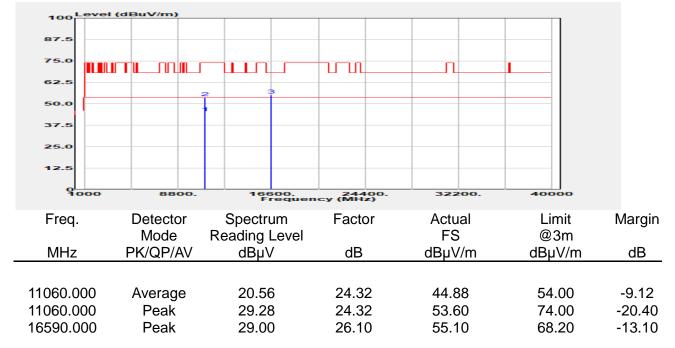
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-07-08
Test Frequency	:5530 MHz	Temp./Humi.	:24.8/54
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-07-08
Test Frequency	:5610 MHz	Temp./Humi.	:24.8/54
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100 Level	(dBuV/m)					
87.5						
75.0						
62.5		3				
50.0						
37.5						
25.0						
12.5						
9000	8800.		24400.	32200.	40000	
1000	8800.	16600. Frequer	24400. icy (MHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
•	Mode	Reading Level		FS	@3m	Ū.
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11220.000	Average	20.15	23.49	43.64	54.00	-10.36
11220.000	Peak	29.41	23.49	52.90	74.00	-21.10
16830.000	Peak	29.65	26.72	56.37	68.20	-11.83

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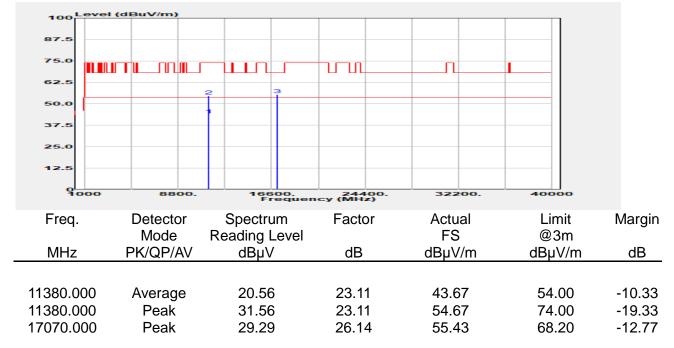
Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-07-08
Test Frequency	:5610 MHz	Temp./Humi.	:24.8/54
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100 Level	(dBuV/m)				· · · · · · · · · · · · · · · · · · ·	
87.5						
75.0						
62.5		3				
50.0		2				
37.5						
25.0						
12.5						
9000	8800.	16600. Frequer	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
11220.000	Average	20.89	23.49	44.38	54.00	-9.62
11220.000	Peak	28.70	23.49	52.19	74.00	-21.81
16830.000	Peak	29.58	26.72	56.30	68.20	-11.90

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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-07-08
Test Frequency	:5690 MHz	Temp./Humi.	:24.8/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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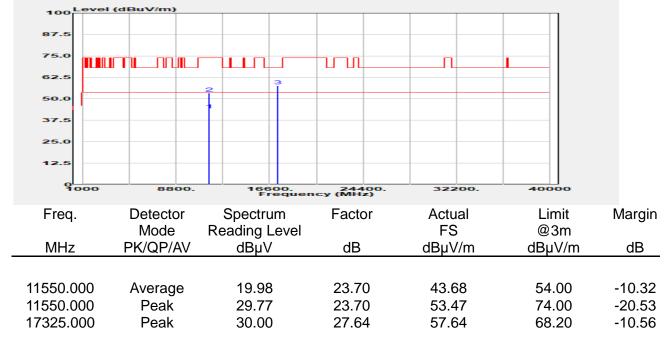
Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-07-08
Test Frequency	:5690 MHz	Temp./Humi.	:24.8/54
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu

100 Level	(dBuV/m)		1		1	
87.5						
75.0						
62.5		3				
50.0						
37.5						
25.0						
12.5						
9	8800.	16600. Frequer	24400. icy (MHz)	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
11380.000	Average	20.21	23.11	43.32	54.00	-10.68
11380.000	Peak	29.69	23.11	52.80	74.00	-21.20
17070.000	Peak	29.53	26.14	55.67	68.20	-12.53

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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-07-08
Test Frequency	:5775 MHz	Temp./Humi.	:24.0/52
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ashton Chiu



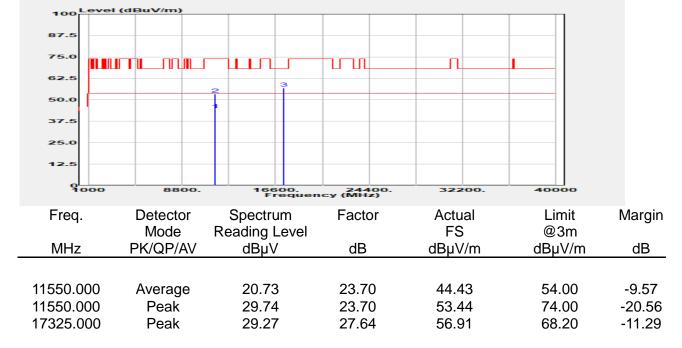
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-07-08
Test Frequency	:5775 MHz	Temp./Humi.	:24.0/52
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu



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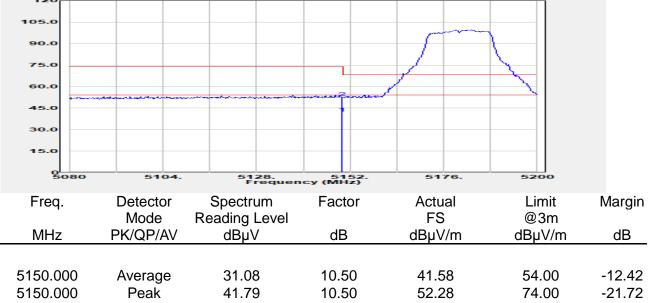
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Report No.: E2/2021/60094 Page: 196 of 245



11.7.3 Band edge falling to restricted band

Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 1	Test Date	:2021-07-06
Test Frequency	:5180 MHz	Temp./Humi.	:24.1/57
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Enzo Chang
120 Level (d	BuV/m)		



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.966 Chamber C



·E2/2021/60004

Poport Number

Report Number	:E2/2021/6	0094		lest Site	:966 Champer C	
Operation Mode	:802.11a/	Band 1		Test Date	:2021-07-06	
Test Frequency	:5180 MHz	:		Temp./Humi.	:24.1/57	
Test Mode	:BE CH LC	W		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0						
90.0						
75.0						
60.0				~		
45.0			1			
30.0						
15.0						
5080	5104.	5128. Frequen	5152. cy (MHz)	5176.	5200	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz F	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
·		h		p ,	p /	
5150.000	Average	33.34	10.50	43.84	54.00	-10.16
5150.000	Peak	44.14	10.50	54.63	74.00	-19.37

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Margin

:966 Chamber C



:E2/2021/60094

Report Number

Report Number	. L Z/ZUZ 1/0	0034	10			
Operation Mode	:802.11a/E	Band 2	Te	st Date	:2021-07-06	
Test Frequency	:5320 MHz	Те	mp./Humi.	:24.1/57		
Test Mode	:BE CH HIC	GH	Ar	itenna Pol.	:Vertical	
EUT Pol	:H Plane		Er	gineer	:Enzo Chang	
120 Level (d	1BuV/m)					
105.0						
90.0	\square					
75.0						
60.0		2				
45.0						
30.0						
15.0						
9 5310	5334.	5358. Frequer	5382. ncy (MHz)	5406.	5430	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	
MH-		dBu\/	dB	dBuV/m		

MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5350.000 5350.000	Average Peak	31.86 42.36	11.54 11.54	43.40 53.89	54.00 74.00	-10.60 -20.11

Test Site

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:966 Chamber C



:E2/2021/60094

Report Number

Report Rambol	. 2/2021/0	0004				
Operation Mode	:802.11a/	Band 2		Test Date	:2021-07-06	
Test Frequency	:5320 MHz			Temp./Humi.	:24.1/57	
Test Mode	:BE CH HI	GH		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 95310	dBuV/m)	5358.	5382. 5382.	5406.	5430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
1104.	Mode	Reading Level	1 40101	FS	@3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5350.000 5350.000	Average Peak	32.76 43.84	11.54 11.54	44.30 55.37	54.00 74.00	-9.70 -18.63

Test Site

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5500 MH :BE CH L0 :H Plane	Band 3 z		Test Date Temp./Humi. Antenna Pol.	:966 Chamber C :2021-07-06 :24.1/57 :Vertical :Enzo Chang	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0 95390	1BuV/m)	5438.	24 13 5462.	5496.	5510	
Freq.	Detector	Spectrum	Factor	Actual FS	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	rs dBµV/m	@3m dBµV/m	dB
5456.539 5456.539 5460.000 5460.000 5469.615 5470.000	Average Peak Average Peak Peak Peak	31.51 44.40 31.67 43.03 44.11 42.93	11.84 11.84 11.66 11.66 11.73 11.73	43.35 56.24 43.33 54.70 55.84 54.66	54.00 74.00 54.00 74.00 68.20 68.20	-10.65 -17.76 -10.67 -19.30 -12.36 -13.54

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·E2/2021/60004

Report Number

Report Number	:E2/2021/6	0094		lest Site	:966 Chamber C	,
Operation Mode	:802.11a/I	Band 3		Test Date	:2021-07-06	
Test Frequency	:5500 MHz			Temp./Humi.	:24.1/57	
Test Mode	:BE CH LO	W		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0					m	
90.0						
75.0						
60.0		ward and a second s		manu		
45.0			1 3	_		
30.0				_		
15.0						
5390	5414.	5438. Frequen	5462. cy (MHz)	5486.	5510	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	•
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5452.692	Average	33.53	12.05	45.58	54.00	-8.42
5452.692	Peak	45.98	12.05	58.02	74.00	-15.98
5460.000	Average	33.20	11.66	44.86	54.00	-9.14
5460.000	Peak	44.54	11.66	56.20	74.00	-17.80
5470.000	Peak	46.37	11.73	58.10	68.20	-10.10

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:966 Chamber C



:E2/2021/60094

Report Number

Report Number	. 2021/0	0034				
Operation Mode	:802.11a/E	Band 3		Test Date	:2021-07-06	
Test Frequency	:5700 MHz			Temp./Humi.	:24.1/57	
Test Mode	:BE CH HIC	GH		Antenna Pol.	:Vertical	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (105.0	3BuV/m)					
75.0	$ \downarrow $					
60.0					2	
45.0						
30.0						
15.0						
5690	5714.	5738. Frequen	5762 cy (MHz)	. 5786.	5810	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5725.000	Peak	40.97	10.62	51.59	68.20	-16.61
5805.000	Peak	43.09	11.77	54.86	68.20	-13.34

Test Site

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:966 Chamber C



:E2/2021/60094

Report Number

		001				
Operation Mode	:802.11a / B	and 3		Test Date	:2021-07-06	
Test Frequency	:5700 MHz			Temp./Humi.	:24.1/57	
Test Mode	:BE CH HIG	н		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (105.0 90.0 75.0 60.0 45.0 30.0 15.0	1BuV/m)					
5690	5714.	5738. Frequen	5762 icy (MHz)	. 5786.	5810	
Freq.	Detector Mode F	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5725.000 5757.885	Peak Peak	42.99 44.37	10.62 10.88	53.62 55.25	68.20 68.20	-14.58 -12.95

Test Site

.966 Chamber C



·E2/2021/60004

Poport Number

Report Number	:E2/2021/0	60094	IE	est Site	:966 Chamber C	,		
Operation Mode	:802.11a/	Band 4	Te	est Date	:2021-07-06			
Test Frequency	:5745 MHz			emp./Humi. :24.1/57				
Test Mode	:BE CH LOW			ntenna Pol.	nna Pol. :Vertical			
EUT Pol	:H Plane		Er	ngineer	:Enzo Chang			
160 Level (d	BuV/m)]			
140.0								
120.0								
100.0								
80.0								
60.0				man 3 4				
40.0								
20.0								
5600	5631.	5662. Frequen	5693. cy (MHz)	5724.	5755			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin		
	Mode	Reading Level		FS	@3m			
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB		
5650.000	Peak	42.51	10.51	53.01	68.20	-15.19		
5700.000	Peak	42.96	10.41	53.36	105.20	-51.84		
5720.000	Peak	41.95	10.76	52.72	110.80	-58.08		
5725.000	Peak	42.61	10.62	53.23	122.20	-68.97		

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.966 Chamber C



·E2/2021/60004

Report Number

Report Number	:E2/2021/0	60094	16	est Sile	:966 Chamber C	,	
Operation Mode	:802.11a/	Band 4	Te	est Date	:2021-07-06		
Test Frequency	:5745 MH	z	Te	Temp./Humi. :24.1/57			
Test Mode	:BE CH LO	WC	A	ntenna Pol.	:Horizontal		
EUT Pol	:H Plane		E	ngineer	:Enzo Chang		
160 Level (d	BuV/m)						
140.0							
120.0							
100.0							
80.0							
60.0		.1	3				
40.0							
20.0							
0 5600	5631.	5662.		5724.	5755		
			5693. cy (MHz)				
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB	
5650.000	Peak	42.05	10.51	52.56	68.20	-15.64	
5700.000	Peak	42.30	10.41	52.71	105.20	-52.49	
5720.000	Peak	42.96	10.76	53.72	110.80	-57.08	
5725.000	Peak	47.15	10.62	57.77	122.20	-64.43	

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Report Number	:E2/2021/6	0094		Test Site	:966 Chamber C
Operation Mode	:802.11a/I	Band 4		Test Date	:2021-07-06
Test Frequency	:5825 MHz			Temp./Humi.	:24.1/57
Test Mode	:BE CH HI	GH		Antenna Pol.	:Vertical
EUT Pol	:H Plane			Engineer	:Enzo Chang
160 Level (d	BuV/m)	1			
140.0					
120.0					
100.0					
80.0					
60.0		1.2			
40.0					
20.0					
5805	5839.	5873. Frequen	5907. cy (MHz)	5941.	5975
Freq.	Detector	Spectrum	Factor	Actual	Limit

Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5850.000	Peak	41.97	11.31	53.28	122.20	-68.92
5855.000	Peak	41.82	11.61	53.43	110.80	-57.37
5875.000	Peak	42.18	12.08	54.26	105.20	-50.94
5925.000	Peak	41.40	12.98	54.38	68.20	-13.82

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Margin

dB

-67.65

-55.80

-50.84

-13.82

110.80

105.20

68.20

:966 Chamber C



:E2/2021/60094

Report Number

5855.000

5875.000

5925.000

Peak

Peak

Peak

	. 2/2021/0	00004				
Operation Mode	:802.11a /	:802.11a / Band 4			:2021-07-06	
Test Frequency	:5825 MH	z	Т	emp./Humi.	:24.1/57	
Test Mode	:BE CH H	IGH	А	ntenna Pol.	:Horizontal	
EUT Pol	:H Plane		E	ngineer	:Enzo Chang	
160 Level (iBuV/m)					
140.0						
120.0						
100.0						
80.0	+ + +					
60.0		1.2	and the transformed and the	4	atom and an	
40.0						
20.0						
5805	5839.	5873. Frequen	5907. icy (MHz)	5941.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	
5850.000	Peak	43.25	11.31	54.55	122.20	

43.39

42.28

41.40

Test Site

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11.61

12.08

12.98

55.00

54.36

54.38

SGS Taiwan Ltd.

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:E2/2021/60094

Report Number

Report Number	. LZ/ZUZ 1/	00034				
Operation Mode	:802.11n2	0 / Band 1	-	Test Date	:2021-07-06	
Test Frequency	:5180 MH	Z	-	Temp./Humi.	:24.1/57	
Test Mode	:BE CH LO	OW		Antenna Pol.	:Vertical	
EUT Pol	:H Plane		I	Engineer	:Enzo Chang	
120 Level (d	IBuV/m)					
105.0						
90.0				-		
75.0						
60.0			24	/		
45.0	and the state of t					
30.0						
15.0						
0 5080	5104.	5128. Frequen	5152. cy (MHz)	5176.	5200	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
5146.731	Average	31.63	10.47	42.10	54.00	-11.90
5146.731	Peak	43.94	10.47	54.41	74.00	-19.59
5150.000	Average	31.61	10.50	42.11	54.00	-11.89
5150.000	Peak	42.36	10.50	52.85	74.00	-21.15

Test Site

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:E2/2021/60094

Report Number

Report Number	.L2/2021/000	34				
Operation Mode	:802.11n20/	Band 1		Test Date	:2021-07-06	
Test Frequency	:5180 MHz			Temp./Humi.	:24.1/57	
Test Mode	:BE CH LOW			Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0				$- \int_{-\infty}^{\infty}$		
90.0				- / -		
75.0						
60.0		en and the second se	man			
45.0						
30.0						
15.0						
5080	5104.	5128. Frequen	5152 cy (MHz)	. 5176.	5200	
Freq.		Spectrum	Factor	Actual	Limit	Margin
MHz	Mode Re PK/QP/AV	eading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		*	-	- F	- F	-
5150.000	Average	35.41	10.50	45.91	54.00	-8.09
5150.000	Peak	51.44	10.50	61.94	74.00	-12.06

Test Site

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·E2/2021/60004

Report Number

Report Number	:E2/2021/6	0094	1	est Site	:966 Champer C	
Operation Mode	:802.11n20) / Band 2	Т	est Date	:2021-07-06	
Test Frequency	:5320 MHz	2	Т	emp./Humi.	:24.1/57	
Test Mode	:BE CH HI	GH	A	ntenna Pol.	:Vertical	
EUT Pol	:H Plane		E	ingineer	:Enzo Chang	
105.0 90.0 75.0 60.0 45.0 30.0 15.0	3BuV/m)					
5310	5334.	5358. Frequen	5382. cy (MHz)	5406.	5430	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5350.000 5350.000	Average Peak	32.18 43.05	11.54 11.54	43.72 54.59	54.00 74.00	-10.28 -19.41

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Report Number	:E2/2021/6	60094		Test Site	:966 Chamber C	;
Operation Mode	:802.11n20) / Band 2		Test Date	:2021-07-06	
Test Frequency	:5320 MHz	2		Temp./Humi.	:24.1/57	
Test Mode	:BE CH HI	GH		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0	~					
90.0						
75.0	- Vy					
60.0		marine commence	manne	· ····································		
45.0						
30.0						
15.0						
0 5310	5334.	5358. Frequen	5382. cy (MHz)	5406.	5430	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		L.		I `	I	
5350.000	Average	37.21	11.54	48.75	54.00	-5.25
5350.000	Peak	51.11	11.54	62.65	74.00	-11.35

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Report Number	:E2/2021/	60094		Test Site	:966 Chamber C	;
Operation Mode	:802.11n2	0 / Band 3		Test Date	:2021-07-06	
Test Frequency	:5500 MH	Z		Temp./Humi.	:24.1/57	
Test Mode	:BE CH LO	SW		Antenna Pol.	:Vertical	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	lBuV/m)					
105.0					m	
90.0						
75.0						
60.0		2	tone 4	-		
45.0			3			
30.0				_		
15.0				_		
0	5414.	5438. Frequen	5462. cy (MHz)	5486.	5510	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5447.115	Average	31.99	12.12	44.11	54.00	-9.89
5447.115	Peak	44.75	12.12	56.87	74.00	-17.13
5460.000 5460.000	Average Peak	32.08 42.58	11.66 11.66	43.74 54.24	54.00 74.00	-10.26 -19.76
5469.231	Peak	42.56	11.00	55.36	68.20	-19.76
5470.000	Peak	43.62	11.73	55.35	68.20	-12.85

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Report Number	:E2/2021/	60094		Test Site	:966 Chamber C	;
Operation Mode	:802.11n2	0 / Band 3		Test Date	:2021-07-06	
Test Frequency	:5500 MH	Z		Temp./Humi.	:24.1/57	
Test Mode	:BE CH L	WC		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0						
90.0						
75.0			2 4	59 mm		
60.0		man man man marked with a second	- Transform			
45.0						
30.0						
15.0						
0 5390	5414.	5438. Frequen	5462. cy (MHz)	. 5486.	5510	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
		<u></u>			- /	
5452.885	Average	35.84	12.04	47.88	54.00	-6.12
5452.885 5460.000	Peak Average	49.56 35.74	12.04 11.66	61.60 47.40	74.00 54.00	-12.40 -6.60
5460.000	Peak	49.67	11.66	61.33	74.00	-0.60 -12.67
5468.077	Peak	52.61	11.72	64.33	68.20	-3.87
5470.000	Peak	51.93	11.73	63.66	68.20	-4.54

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Report Number	:E2/2021/60	094		Test Site	:966 Chamber C)
Operation Mode	:802.11n20	/ Band 3		Test Date	:2021-07-06	
Test Frequency	:5700 MHz			Temp./Humi.	:24.1/57	
Test Mode	:BE CH HIG	iΗ		Antenna Pol.	:Vertical	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	IBuV/m)					
105.0						
90.0	m					
75.0						
60.0		James and the second second	-		daman 2	
45.0						
30.0						
15.0						
5690	5714.	5738. Frequen	5762. cy (MHz)	. 5786	. 5810	
Freq.	Detector Mode F	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	-	dB
5725.000	Peak	41.47	10.62	52.09	68.20	-16.11
5810.000	Peak	42.48	11.95	54.43	68.20	-13.77

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Report Number	:E2/2021/60	094		Test Site	:966 Chamber (C
Operation Mode	:802.11n20/	/ Band 3		Test Date	:2021-07-06	
Test Frequency	:5700 MHz			Temp./Humi.	:24.1/57	
Test Mode	:BE CH HIG	н		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	IBuV/m)					
90.0						
75.0						
60.0	- North	£				
45.0		and have been a free to a free	marge marger	herdender all and a for	and the second s	
30.0						
15.0						
05690	5714.	5738. Frequen	5762. cy (MHz)	5786.	5810	
Freq.	Detector Mode F	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5705 000		40.05	10.00	50.07	00.00	44 50
				56.67 57.40	68.20 68.20	
5725.000 5725.769	Peak Peak	46.05 46.80	10.62 10.60	56.67 57.40	68.20 68.20	-11.53 -10.80

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11n2 :5745 MH :BE CH LO :H Plane	0 / Band 4 z		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-07-06 :24.1/57 :Vertical :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0						
5600	5631.	5662. Frequen	5693. cy (MHz)	5724.	5755	
Freq. MHz I	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak	41.33 40.97 42.51 43.52	10.51 10.41 10.76 10.62	51.84 51.38 53.27 54.14	68.20 105.20 110.80 122.20	-16.36 -53.82 -57.53 -68.06

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	eration Mode :802.11n20 / Band 4 et Frequency :5745 MHz et Mode :BE CH LOW			Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-07-06 :24.1/57 :Horizontal :Enzo Chang	>
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 95600	5631.	5662.	5693.	5724	5755	
		Frequen	cy (MHz)			
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak	42.65 44.26 48.13 51.66	10.51 10.41 10.76 10.62	53.15 54.67 58.90 62.28	68.20 105.20 110.80 122.20	-15.05 -50.53 -51.90 -59.92

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·E2/2021/60004

Report Number

Report Number	:E2/2021/6	00094		lest Site	:966 Chamber C	,
Operation Mode	:802.11n2	0 / Band 4	-	Test Date	:2021-07-06	
Test Frequency	:5825 MH:	z	-	Temp./Humi.	:24.1/57	
Test Mode	:BE CH H	IGH	/	Antenna Pol.	:Vertical	
EUT Pol	:H Plane		E	Engineer	:Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0	BuV/m)					
5805	5839.	5873. Frequen	5907. cy (MHz)	5941.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5850.000 5855.000 5875.000	Peak Peak Peak	41.96 41.86 41.52	11.31 11.61 12.08	53.27 53.47 53.60	122.20 110.80 105.20	-68.93 -57.33 -51.60
5925.000	Peak	42.30	12.98	55.28	68.20	-12.92

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·E2/2021/60004

Poport Number

Report Number	:E2/2021/0	60094	IE	est Site	:966 Chamber	
Operation Mode	:802.11n2	0 / Band 4	Te	est Date	:2021-07-06	
Test Frequency	:5825 MH	z	Te	mp./Humi.	:24.1/57	
Test Mode	:BE CH H	IGH	Ar	ntenna Pol.	:Horizontal	
EUT Pol	:H Plane		Er	ngineer	:Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0	BuV/m)					
05805	5839.	5873. Frequen	5907. cy (MHz)	5941.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	-	dB
5850.000	Peak	45.42	11.31	56.73	122.20	-65.47
5855.000	Peak	45.00	11.61	56.61	110.80	-54.19
5875.000 5925.000	Peak Peak	42.40 41.43	12.08 12.98	54.48 54.41	105.20 68.20	-50.72 -13.79
		· · · · •				

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:E2/2021/60094

Peak

5150.000

Report Number

Repetritatio		0001				
Operation Mode	:802.11n40	:802.11n40 / Band 1		Test Date	:2021-07-06	
Test Frequency	:5190 MHz			Temp./Humi.	:24.0/54	
Test Mode	:BE CH LO	W		Antenna Pol.	:Vertical	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)				11	
105.0						
90.0						
75.0						
60.0				ment		
45.0						
30.0						
15.0						
5080	5104.	5128. Frequen	5152. cy (MHz)	. 5176.	5200	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz I	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBu\//m	@3m dBµV/m	dB
		ubµv	uБ	dBµV/m	υσμν/π	uD
5146.923	Average	32.02	10.47	42.49	54.00	-11.51
5146.923	Peak	44.36	10.47	54.84	74.00	-19.16
5150.000	Average	32.12	10.50	42.62	54.00	-11.38

10.50

53.50

74.00

-20.50

Test Site

43.00

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:E2/2021/60094

Report Number

5150.000

5150.000

Report Number	. 2/2021/000	54				
Operation Mode	:802.11n40 /	Band 1		Test Date	:2021-07-06	
Test Frequency	:5190 MHz			Temp./Humi.	:24.0/54	
Test Mode	:BE CH LOW	1		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0					mym	
90.0						
75.0						
60.0		······	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
45.0						
30.0						
15.0						
5080	5104.	5128. Frequen	5152 cy (MHz)	2. 5176.	5200	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz F	Mode Ro PK/QP/AV	eading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
IVII 12I			40			
5145.769	Average	37.04	10.47	47.51	54.00	-6.49
5145.769	Peak	52.27	10.47	62.73	74.00	-11.27

10.50

10.50

48.82

60.91

54.00

74.00

-5.18

-13.09

Test Site

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38.32

50.41

Average

Peak

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/60 :802.11n40 :5310 MHz :BE CH HIG :H Plane	/ Band 2		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-07-06 :24.0/54 :Vertical :Enzo Chang	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 5300	5324.	5348.	5372- cy (MHz)	5396	5420	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
5350.000 5350.000 5350.385 5350.385	Average Peak Average Peak	32.91 43.59 33.02 45.15	11.54 11.54 11.54 11.54	44.45 55.12 44.56 56.69	54.00 74.00 54.00 74.00	-9.55 -18.88 -9.44 -17.31

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11n4 :5310 MH :BE CH H :H Plane	0 / Band 2 z		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber 0 :2021-07-06 :24.0/54 :Horizontal :Enzo Chang	2
105.0 90.0 75.0 60.0 45.0 30.0 15.0						
5300	5324.	5348. Frequen	5372. cy (MHz)	5396.	5420	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5350.000 5350.000 5350.961 5350.961	Average Peak Average Peak	39.01 51.48 38.81 53.33	11.54 11.54 11.55 11.55	50.55 63.02 50.36 64.87	54.00 74.00 54.00 74.00	-3.45 -10.98 -3.64 -9.13

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Report Number	:E2/2021/60094		-	Test Site	:966 Chamber (C
Operation Mode	:802.11n40	/ Band 3	-	Test Date	:2021-07-07	
Test Frequency	:5510 MHz		-	Temp./Humi.	:23.9/51	
Test Mode	:BE CH LO	W	1	Antenna Pol.	:Vertical	
EUT Pol	:H Plane		E	Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0						
90.0					· · · · ·	
75.0						
60.0	2					
45.0						
30.0						
15.0						
0 5400	5424.	5448. Frequen	5472. cy (MHz)	5496.	5520	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB

Average	31.75	11.93	43.68	54.00	-10.32
Peak	44.06	11.93	55.99	74.00	-18.01
Average	31.99	11.66	43.65	54.00	-10.35
Peak	43.33	11.66	55.00	74.00	-19.00
Peak	44.19	11.73	55.91	68.20	-12.29
Peak	42.86	11.73	54.59	68.20	-13.61
	Peak Average Peak Peak	Peak 44.06 Average 31.99 Peak 43.33 Peak 44.19	Peak44.0611.93Average31.9911.66Peak43.3311.66Peak44.1911.73	Peak44.0611.9355.99Average31.9911.6643.65Peak43.3311.6655.00Peak44.1911.7355.91	Peak44.0611.9355.9974.00Average31.9911.6643.6554.00Peak43.3311.6655.0074.00Peak44.1911.7355.9168.20

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30.

Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-07-07
Test Frequency	:5510 MHz	Temp./Humi.	:23.9/51
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Enzo Chang
120 Level (d	BuV/m)		
105.0 90.0			
75.0		/	
60.0		Comment and	
45.0			

	0 5400	5424.	5448. Frequen	5472. icy (MHz)	5496.	5520	
	Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
_	MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
	5459.231	Average	34.99	11.70	46.69	54.00	-7.31
	5459.231	Peak	50.86	11.70	62.57	74.00	-11.43
	5460.000	Average	35.08	11.66	46.74	54.00	-7.26
	5460.000	Peak	50.51	11.66	62.18	74.00	-11.82
	5461.539	Peak	51.73	11.67	63.41	68.20	-4.79
	5470.000	Peak	51.17	11.73	62.90	68.20	-5.30

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Report Number	:E2/2021/60094	Test Si	ite :966	Chamber C	
Operation Mode :802.11n40 / Band 3			ate :202	1-07-07	
Test Frequency	:5670 MHz	Temp./	/Humi. :24.3	8/51	
Test Mode	:BE CH HIGH	Antenr	na Pol. :Vert	ical	
EUT Pol	:H Plane	Engine	er :Ash	ton Chiu	
120 Level (d	IBuV/m)				
105.0					
90.0					
75.0					
60.0	Laconomica				
45.0		the state of the second second			
30.0					
15.0					
5660	5684. 5708. Freque	5732. ncy (MHz)	5756.	5780	
Freq.	Detector Spectrum	Factor	Actual	Limit	Margin
	Mode Reading Level		FS	@3m	
MHz	PK/QP/AV dBµV	dB c	dBµV/m	dBµV/m	dB
5725.000	Peak 40.78	10.62	51.40	68.20	-16.80

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·E2/2021/60004

Report Number

Report Number	:E2/2021/60	094		Test Sile	.900 Chamber (<i>,</i>
Operation Mode	:802.11n40/	Band 3		Test Date	:2021-07-07	
Test Frequency	:5670 MHz			Temp./Humi.	:24.3/51	
Test Mode	:BE CH HIG	н		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Ashton Chiu	
				-		
120 Level (d	BuV/m)	1	1			
105.0	many					
90.0						
75.0						
60.0		mannen	angunan	merene providence	women and whether	
45.0						
30.0						
15.0						
0 5660	5684.	5708. Frequen	5732 cy (MHz)	. 5756	5780	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
N 41 I.—		Reading Level	٩D	FS	@3m	٩٥
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5725.000	Peak	46.20	10.62	56.82	68.20	-11.38

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:E2/2021/60094

Report Number

Report Humbon		00004	10			
Operation Mode	:802.11n4	0 / Band 4	Te	est Date	:2021-07-07	
Test Frequency	:5755 MH	Z	Те	mp./Humi.	:24.3/51	
Test Mode	:BE CH LO	WC	Ar	ntenna Pol.	:Vertical	
EUT Pol	:H Plane		Er	ngineer	:Ashton Chiu	
160 Level (d	IBuV/m)		1			
140.0						
120.0						
100.0						
80.0				<i>[</i>		
60.0						
40.0		um 1. m. l.				
20.0						
9 5600	5633.	5666.	5699. cy (MHz)	5732.	5765	
		Frequen	cy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
			40	abp v/m		<u> </u>
5650.000	Peak	39.15	10.51	49.66	68.20	-18.54
5700.000	Peak	39.22	10.41	49.63	105.20	-55.57
5720.000	Peak	40.70	10.76	51.46	110.80	-59.34
5725.000	Peak	41.92	10.62	52.54	122.20	-69.66

Test Site

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Report Number	:E2/2021/6	0094		Test Site	:966 Chamber (2
Operation Mode	:802.11n40	/ Band 4		Test Date	:2021-07-07	
Test Frequency	:5755 MHz			Temp./Humi.	:24.3/51	
Test Mode	:BE CH LO	W		Antenna Pol.	:Horizontal	
EUT Pol	:H Plane			Engineer	:Ashton Chiu	
160 Level (d	BuV/m)					
140.0						
120.0						
100.0						
80.0						
60.0				well the ser		
40.0						
20.0						
5600	5633.	5666. Frequen	5699. cy (MHz)	5732.		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	-	dB
5650.000	Peak	39.98	10.51	50.49	68.20	-17.71
5700.000 5720.000	Peak Peak	43.78 46.49	10.41 10.76	54.18 57.25	105.20 110.80	-51.02 -53.55
5725.000	Peak	48.85	10.62	59.47	122.20	-62.73

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·E2/2021/60004

Poport Number

Report Number	:E2/2021/	60094		lest Site	:966 Chamber C	,
Operation Mode	:802.11n4	0 / Band 4		Test Date	:2021-07-07	
Test Frequency	:5795 MH	Z		Temp./Humi.	:24.3/51	
Test Mode	:BE CH H	IGH		Antenna Pol.	:Vertical	
EUT Pol	:H Plane			Engineer	:Ashton Chiu	
160 Level (d 140.0 120.0 100.0 80.0 60.0	BuV/m)					
40.0		" weite and you and	www.oro	mar and	and the state of	
20.0						
5785	5823.	5861. Frequen	5899. cy (MHz)	5937.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5850.000	Peak	36.30	11.31	47.61	122.20	-74.59
5855.000	Peak	37.40	11.61	47.01	110.80	-74.59
5875.000	Peak	36.52	12.08	49.01	105.20	-56.60
5925.000	Peak	36.47	12.08	48.00	68.20	-30.00
0020.000	i Gan	50.77	12.00	-J.+J	00.20	-10.75

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·E2/2021/60004

Poport Number

Report Number	:E2/2021/6	60094	16	est Site	:966 Champer C	
Operation Mode	:802.11n4	0 / Band 4	Te	est Date	:2021-07-07	
Test Frequency	:5795 MH	Z	Te	emp./Humi.	:24.3/51	
Test Mode	:BE CH H	IGH	A	ntenna Pol.	:Horizontal	
EUT Pol	:H Plane		E	ngineer	:Ashton Chiu	
160 Level (d) 140.0 120.0 100.0 80.0 60.0 40.0 20.0	BuV/m)					
0 5785	5823.	5861. Frequen	5899. cy (MHz)	5937.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5850.000 5855.000 5875.000	Peak Peak Peak	45.03 42.40 42.22	11.31 11.61 12.08	56.33 54.01 54.30	122.20 110.80 105.20	-65.87 -56.79 -50.90
5925.000	Peak	39.08	12.98	52.06	68.20	-16.14

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·E2/2021/60004

Poport Number

Report Number	:E2/2021/60	0094	les	st Site	:966 Chamber (ر
Operation Mode	:802.11ac80) / Band 1	Tes	st Date	:2021-07-07	
Test Frequency	:5210 MHz		Tei	mp./Humi.	:23.5/52	
Test Mode	:BE CH LO	W	An	tenna Pol.	:Vertical	
EUT Pol	:H Plane		En	gineer	:Ashton Chiu	
120 Level (d	BuV/m)					
105.0					0 mm	
90.0			m	and the second	$m \rightarrow 1$	
75.0			l — —			
60.0		2 and				
45.0		12				
30.0						
15.0						
9 5120	5140.	5160.	5180. cy (MHz)	5200	5220	
-	D / /				1.1.14	·
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5148.205	Average	32.20	10.48	42.68	54.00	-11.32
5148.205	Peak	42.57	10.48	53.06	74.00	-20.94
5150.000	Average	32.20	10.50	42.70	54.00	-11.30
5150.000	Peak	41.10	10.50	51.60	74.00	-22.40

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·E2/2021/60004

Report Number

Report Number	:E2/2021/60	094		lest Sile	:966 Chamber (ر
Operation Mode	:802.11ac80) / Band 1	T	Fest Date	:2021-07-07	
Test Frequency	:5210 MHz		٦	Temp./Humi.	:23.5/52	
Test Mode	:BE CH LOV	V	A	Antenna Pol.	:Horizontal	
EUT Pol	:H Plane		E	Engineer	:Ashton Chiu	
120 Level (d	BuV/m)					
105.0			m	man	m	
90.0			/			
75.0						
60.0	2	Same				
45.0		3				
30.0						
15.0						
0 5120	5140.	5160. Frequen	5180. cy (MHz)	5200.	5220	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5140.513	Average	34.92	10.42	45.34	54.00	-8.66
5140.513	Peak	45.91	10.42	56.33	74.00	-17.67
5150.000	Average	35.10	10.50	45.60	54.00	-8.40
5150.000	Peak	44.82	10.50	55.31	74.00	-18.69

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11ac :5290 MH :BE CH H :H Plane	80 / Band 2 z		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-07-07 :23.5/52 :Vertical :Ashton Chiu	;
105.0 90.0 75.0 60.0 45.0 30.0 15.0	1BuV/m)					
5280	5300.	5320. Frequen	5340. cy (MHz)	5360.	5380	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5350.000 5350.000 5356.442 5356.442	Average Peak Average Peak	32.74 43.52 33.40 45.20	11.54 11.54 11.60 11.60	44.28 55.06 45.00 56.80	54.00 74.00 54.00 74.00	-9.72 -18.94 -9.00 -17.20

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·E2/2021/60004

Report Number

5351.314

5351.314

Report Number	:E2/2021/60094	Test Sile	.900 Chamber C	
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-07-07	
Test Frequency	:5290 MHz	Temp./Hu	mi. :23.5/52	
Test Mode	:BE CH HIGH	Antenna	Pol. :Horizontal	
EUT Pol	:H Plane	Engineer	:Ashton Chiu	
120 Level (d	lBuV/m)			
105.0				
90.0		\backslash		
75.0				
60.0		hand	mannen	
45.0				
30.0				
15.0				
5280	5300. 5320. Freque	5340. 5 ncy (MHz)	360. 5380	
Freq.	Detector Spectrum		tual Limit	Margin
MHz	Mode Reading Level PK/QP/AV dBµV		S @3m IV/m dBµV/m	dB
111112				
5350.000	Average 39.42	11.54 50	.96 54.00	-3.04
5350.000	Peak 49.23	11.54 60	.77 74.00	-13.23

11.55

11.55

50.22

62.06

54.00

74.00

-3.78

-11.94

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38.67

50.51

Average

Peak

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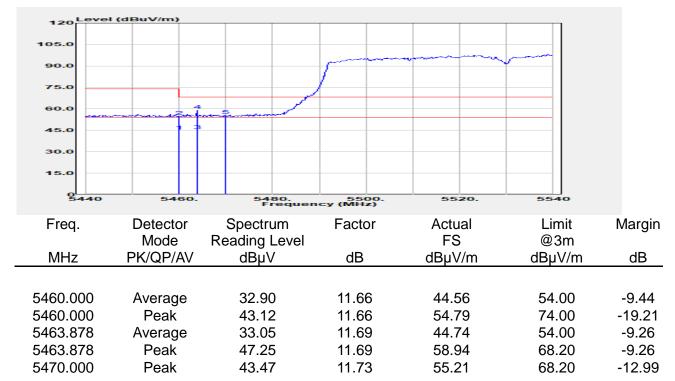
:2021-07-07

:Ashton Chiu

:23.9/52 :Vertical



Report Number	:E2/2021/60094	Test Site
Operation Mode	:802.11ac80 / Band 3	Test Date
Test Frequency	:5530 MHz	Temp./Humi.
Test Mode	:BE CH LOW	Antenna Pol.
EUT Pol	:H Plane	Engineer



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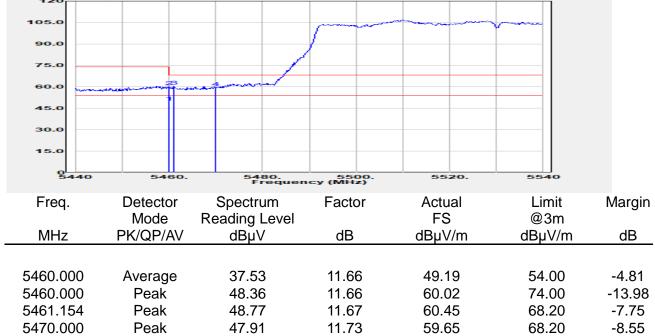
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Report Number	:E2/2021/60094	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-07-07
Test Frequency	:5530 MHz	Temp./Humi.	:23.9/52
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:H Plane	Engineer	:Ashton Chiu
120 Level (d	BuV/m)		



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·E2/2021/60004

Poport Number

Report Number	:E2/2021/60094	IE	est Site	:966 Chamber C	
Operation Mode	:802.11ac80 / Band 3	3 Te	est Date	:2021-07-07	
Test Frequency	:5610 MHz	Te	emp./Humi.	:23.9/52	
Test Mode	:BE CH HIGH	A	ntenna Pol.	:Vertical	
EUT Pol	:H Plane	E	ngineer	:Ashton Chiu	
120 Level (d	BuV/m)				
105.0					
90.0	manna	7			
75.0					
60.0		horner			
45.0					
30.0					
15.0					
0 5550	5596. 56 Fi	42. 5688. requency (MHz)	5734.	5780	
Freq.	Detector Spectro		Actual	Limit	Margin
N 41 I.—	Mode Reading		FS	@3m	
MHz	PK/QP/AV dBµ\	/ dB	dBµV/m	dBµV/m	dB
5725.000	Peak 37.75	5 10.62	48.37	68.20	-19.83
0120.000	1 Car 01.10	10.02	-0.07	00.20	-13.05

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·E2/2021/60004

Poport Number

Report Number :E2/2021/60094 Test Site :966 Chamber C	
Operation Mode :802.11ac80 / Band 3 Test Date :2021-07-07	
Test Frequency :5610 MHz Temp./Humi. :23.9/52	
Test Mode :BE CH HIGH Antenna Pol. :Horizontal	
EUT Pol :H Plane Engineer :Ashton Chiu	
120 Level (dBuV/m)	
105.0 90.0	
75.0	
60.0 45.0 1 </td <td></td>	
30.0	
15.0	
5550 5596. 5642. 5688. 5734. 5780 Frequency (MHz)	
Freq. Detector Spectrum Factor Actual Limit Mode Reading Level FS @3m	Margin
MHz PK/QP/AV dBµV dB dBµV/m dBµV/m	dB
5725.000 Peak 40.21 10.62 50.83 68.20	-17.37

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·E2/2021/60004

Report Number

Report Number	:E2/2021/60094			st Site	:966 Champer C	,
Operation Mode	:802.11ac8	80 / Band 4	Te	st Date	:2021-07-07	
Test Frequency	:5775 MHz	<u>:</u>	Te	mp./Humi.	:23.9/52	
Test Mode	:BE CH LC	W	An	itenna Pol.	:Vertical	
EUT Pol	:H Plane		En	igineer	:Ashton Chiu	
160 Level (d	BuV/m)					
140.0						
120.0				+		
100.0						
80.0				<i>[</i>		
60.0		1	en and	34		
40.0						
20.0						
5600	5633.	5666. Frequen	5699. cy (MHz)	5732.	5765	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5650.000	Peak	39.50	10.51	50.01	68.20	-18.19
5700.000	Peak	39.88	10.41	50.28	105.20	-54.92
5720.000	Peak	40.94	10.76	51.70	110.80	-59.10
5725.000	Peak	41.25	10.62	51.87	122.20	-70.33

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/60094 :802.11ac80 / Band 4 :5775 MHz :BE CH LOW :H Plane			Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-07-07 :23.9/52 :Horizontal :Ashton Chiu	
140.0 120.0 100.0 80.0 60.0 40.0 20.0					······································	
5600	5637.	5674. Frequen	5711. cy (MHz)	5748.	5785	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak	41.29 44.65 48.12 46.89	10.51 10.41 10.76 10.62	51.79 55.06 58.88 57.52	68.20 105.20 110.80 122.20	-16.41 -50.14 -51.92 -64.68

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/60094 :802.11ac80 / Band 4 :5775 MHz :BE CH HIGH :H Plane	•	Date :2021- o./Humi. :23.9/s nna Pol. :Vertic		
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0	5815. 5855.	5895.	4	5975	
Freq.	Detector Spectrum	Factor	Actual FS	Limit @3m	Margin
MHz	Mode Reading Lev PK/QP/AV dBµV	dB	dBµV/m	dBµV/m	dB
5850.000 5855.000 5875.000 5925.000	Peak44.25Peak42.70Peak41.22Peak41.36	11.31 11.61 12.08 12.98	55.56 54.30 53.30 54.34	122.20 110.80 105.20 68.20	-66.64 -56.50 -51.90 -13.86

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·E2/2021/60004

Report Number

Report Number	:E2/2021/	60094	Ie	st Site	:966 Champer (
Operation Mode	:802.11ac	80 / Band 4	Te	st Date	:2021-07-07	
Test Frequency	:5775 MH	z	Те	mp./Humi.	:23.9/52	
Test Mode	:BE CH H	IGH	An	tenna Pol.	:Horizontal	
EUT Pol	:H Plane		En	gineer	:Ashton Chiu	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0	BuV/m)					
5775	5815.	5855. Frequen	5895. icy (MHz)	5935.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5850.000 5855.000 5875.000	Peak Peak Peak	48.33 50.45 45.77	11.31 11.61 12.08	59.64 62.06 57.85	122.20 110.80 105.20	-62.56 -48.74 -47.35
5925.000	Peak	41.55	12.98	54.53	68.20	-13.67

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12 TRANSMISSION IN THE ABSENCE OF DATA

12.1 **Standard Applicable**

According to §15.407(c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

12.2 Result

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

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13 ANTENNA REQUIREMENT

13.1 **Standard Applicable**

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device. According to §15.407, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

13.2 Antenna Connected Construction

The antenna is designed with unique RF connector and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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