

Report No.: E2/2021/30020 Page: 60 of 301



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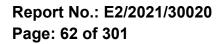
SGS Taiwan Ltd.	No.134,Wu Kung Road, New	Taipei Industrial Park, Wuku District, New	Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
台灣檢驗科技股份有限公司	t (886-2) 2299-3279	f (886-2) 2298-0488	www.sgs.com.tw
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Report No.: E2/2021/30020 Page: 61 of 301

vept SA			Frequency		rum Analyzer t SA		F					Frequency
EYSIGHT Input: RF Couping: DC Align: Auto A		ypo: Powor (RMS 1 2 3 4 5 6 A WW WW W A N N N N N	5.19000000 GHz	iettings R R	SIGHT Inpu	ut RF u <mark>pling: DC</mark> m: Auto	Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Trig: Free Run	wor (RMS 1 2 3 4 5 6 A WW WW W A N N N N N	Center Frequency 5.230000000 GHz
Spectrum Y Ref Lvi Of	fset 11.20 dB	Mkr1 5.193 7 GHz	Span 100.000000 MHz	1 Spe	ctrum	۲	R	ef Lvi Offset 11.	20 dB	Mk	r1 5.246 8 GHz	Span 100.000000 MHz
cale/Div 10 dB Ref Level	30.00 dBm	-1.018 dBm	Swept Span Zero Span	Scale Log 20.0	/Div 10 dB		R	ef Level 30.00 d	Bm		0.835 dBm	Swept Span Zero Span
0.0	1		Full Span	10.0						1		Full Span
0.0			Start Freq 5.140000000 GHz	-10.0 -20.0								Start Freq 5.18000000 GHz
0.0 0.0 0.0		and and a stand	Stop Freq 5.240000000 GHz	-30.0 -40.0 -50.0							and a start of the	Stop Freq 5.28000000 GHz
0.0 enter 5,19000 GHz #Video E	3W 3.0 MHz	Span 100.0 MHz	AUTO TUNE	-60.0	r 5.23000 GH	4		#Video BW 3.0			Span 100.0 MHz	AUTO TUNE
es BW 1.0 MHz	517 3.0 MINZ	Sweep 1.00 ms (1001 pts)	CF Step 10.000000 MHz	#Res	BW 1.0 MHz			WINEO DIV 3.01	1112	Swee	ep 1.00 ms (1001 pts)	CF Step 10.000000 MHz
Marker Table T Mode Trace Scale X Y	Function Function	Ndth Function Value	Auto	5 Mar	ker Table Mode Trac	ce Scale	x	Y	Function	Function Width	Function Value	Auto Man
1 N 1 f 5.193 7 GHz -1.01 2 3	B dBm		Freq Offset 0 Hz	1 2 3	N 1	1	5.246 8 GHz	0.8345 dBm				Freq Offset 0 Hz
4 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			X Axis Scale	4 5 6								X Axis Scale Log Lin

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11 UNDESIRABLE RADIATED EMISSION MEASUREMENT

11.1 Standard Applicable

11.1.1 Band Edge

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- 1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
- 2. For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at 5 MHz.

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1) RSS-247 §6.2.1.2		
15.407(b)(2) RSS-247 §6.2.2.2	PK: -27 (dBm/MHz)	PK: 68.3 (dBµV/m)
15.407(b)(3) RSS-247 §6.2.3.2		
15.407(b)(4)(i) RSS-247 §6.2.4.2	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBµV/m) *1 PK:105.2 (dBµV/m) *2 PK: 110.8(dBµV/m) *3 PK:122.2 (dBµV/m) *4

*1 beyond 75 MHz or more above of the bandedge.

*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

*4 from 5 MHz above or below the band edge increasing linearly to a level of 27

dBm/MHz at the band edge.

 $EIRP = ((E^*d)^2) / 30$, where E is the field in V/m, d is the measurement distance (3m), EIRP is the equivalent isotropically radiated power in Watts.

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11.1.2 Spurious Emission

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

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

Note:

- 1. The lower limit shall apply at the transition frequencies.
- 2. Emission level ($dB\mu V/m$) = 20 log Emission level ($\mu V/m$)

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11.2 Measurement Equipment Used

Radiated Emission Test Site: SAC C								
EQUIPMENT TYPE	MFR/BRAND	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.			
Broadband Antenna	TESEQ	CBL 6112D	35240	09/08/2020	09/07/2021			
Horn Antenna	Schwarzbeck	BBHA9170	185	07/30/2020	07/29/2021			
Horn Antenna	Schwarzbeck	BBHA9120D	1187	01/11/2021	01/10/2022			
Loop Antenna	ETS.LINDGREN	6502	148045	10/19/2020	10/18/2021			
EMI Test Receiver	R&S	ESU 40	100363	04/28/2021	04/27/2022			
Pre-Amplifier	EMC Instruments	EMC330	980096	11/19/2020	11/18/2021			
Pre-Amplifier	EMC Instruments	EMC0011830	980199	11/19/2020	11/18/2021			
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2020	10/26/2021			
Attenuator	Marvelous	WATT-218FS-10	RF20	11/19/2020	11/18/2021			
Band Rejection Filter	Micro-Tronics	G015	RF198	11/19/2020	11/18/2021			
Band Rejection Filter	Micro-Tronics	G016	RF199	11/19/2020	11/18/2021			
Band Rejection Filter	Micro-Tronics	G021	RF200	11/19/2020	11/18/2021			
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17388/4	11/19/2020	11/18/2021			
Coaxial Cable	Huber Suhner	RG 214/U	W22.03	11/19/2020	11/18/2021			
Test Software	audix	e3	20923 sgs Ver.9	N.C.R	N.C.R			
Notebook	Lenovo	L440	P0000367	N/A	N/A			
DC Power Supply	DHA	DPS-3003	9411005787	08/19/2020	08/18/2021			

NOTE: N.C.R refers to Not Calibrated Required.

Radiated Emission Test Site: SAC C						
EQUIPMENT TYPE	MFR/BRAND	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.	
Horn Antenna	Schwarzbeck	BBHA9170	184	12/11/2020	12/10/2021	

Note: The measurement was taken place with the long duration of the time, and additional equipment list as shown above indicate those equipment of which has been subject to undertake the calibration in intermediate period of time of the measurement.

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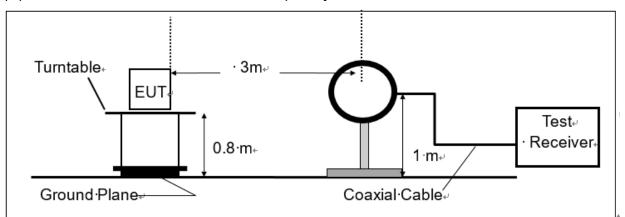
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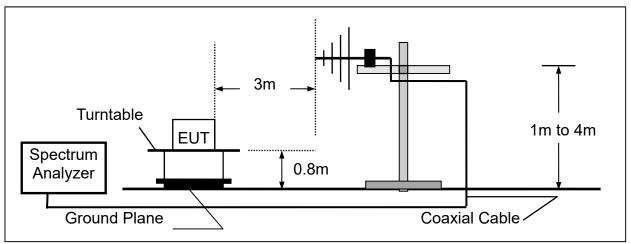


11.3 Test SET-UP

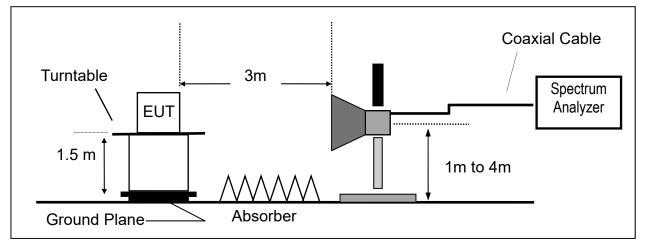
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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11.4 Measurement Procedure

- **1.** The EUT was placed on a turn table which is 0.8m above ground plane.
- 2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
- **3.** The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
- **4.** The turn table shall rotate 360 degrees to determine the position of maximum emission level.
- **5.** EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
- 6. Set the spectrum analyzer as RBW=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
- 7. At frequency above 1 GHz, Set the spectrum analyzer:
 - A. RBW=1 MHz, VBW=3 MHz for **Peak** Detector.
 - **B.** Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW ≥ 1/T (Duty cycle < 98%) for **Average** Detector.
- **8.** Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- **9.** And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- **10.** Repeat above procedures until all frequency measured were complete.

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11.5 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where FS = Field Strength RA = Reading Amplitude AF = Antenna Factor *CL* = Cable Attenuation Factor (Cable Loss) *AG* = Amplifier Gain

The limit of the emission level is expressed in dBuV/m, which converts 20*log(uV/m)

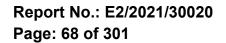
Actual FS($dB\mu V/m$) = SPA. Reading level($dB\mu V$) + Factor(dB) Factor(dB) = Antenna Factor($dB\mu V/m$) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

11.6 Test Results of Radiated Spurious Emissions form 9 KHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

Pre-scanned was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

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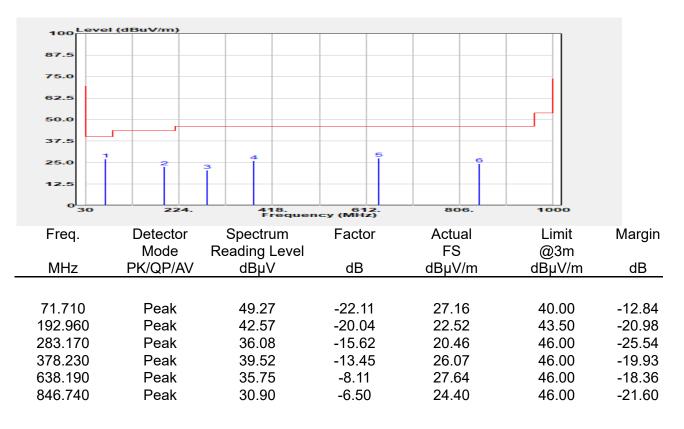


11.7 **Radiated Spurious Emission Measurement Result**

11.7.1 **Below 1GHz Worst-Case Data:**

11.7.2 Monopole Ant.

Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 1	Test Date	:2021-08-11
Test Frequency	:5220 MHz	Temp./Humi.	:22.5/59
Test Mode	:TX CH MID	Antenna Pol.	:VERTICAL
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / :5220 MHz :TX CH MI :E1 Plane	Band 1	-	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-08-11 :22.5/59 :HORIZONTAL :Enzo Chang	
100 Level (0 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	1BuV/m)	3 4 4 4 4 18. Frequen	5 5 612. cy (MHz)	806.		
Freq.	Detector Mode	Spectrum	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	Reading Level dBµV	dB	rs dBµV/m	@3m dBµV/m	dB
143.490 207.510 297.720 442.250 638.190 874.870	Peak Peak Peak Peak Peak Peak	41.64 43.86 43.19 38.84 42.59 41.00	-17.62 -19.31 -15.51 -11.70 -8.11 -6.59	24.02 24.55 27.68 27.14 34.48 34.41	43.50 43.50 46.00 46.00 46.00 46.00	-19.48 -18.95 -18.32 -18.86 -11.52 -11.59

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / :5300 MH :TX CH M :E1 Plane	Band 2 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-08-11 :22.5/59 :VERTICAL :Enzo Chang	;
100 Level (0 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	1BuV/m)	2 3 418. Frequer		5		
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
199.750 378.230 500.450 600.360 749.740 940.830	Peak Peak Peak Peak Peak Peak Peak	42.40 39.62 38.67 36.95 37.09 30.80	-19.65 -13.45 -10.66 -9.45 -7.29 -5.55	22.75 26.18 28.01 27.50 29.81 25.25	43.50 46.00 46.00 46.00 46.00 46.00	-20.75 -19.82 -17.99 -18.50 -16.19 -20.75



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5300 MH :TX CH M :E1 Plane	Band 2 z ID	T T A	est Site est Date emp./Humi. ntenna Pol. ngineer	:966 Chamber C :2021-08-11 :22.5/59 :HORIZONTAL :Enzo Chang	
100 Level (d 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	BuV/m)	418. Frequen	612. (MHz)	5 6		
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		dBµV	uВ	ubµv/m	ασμν/π	uD
155.130 442.250 490.750 638.190 746.830 834.130	Peak Peak Peak Peak Peak Peak	44.94 38.74 37.71 42.27 39.74 36.03	-18.56 -11.70 -10.55 -8.11 -7.76 -6.84	26.38 27.04 27.16 34.16 31.98 29.20	43.50 46.00 46.00 46.00 46.00 46.00	-17.12 -18.96 -18.84 -11.84 -14.02 -16.80



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5580 MH :TX CH M :E1 Plane	' Band 3 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-08-11 :22.5/59 :VERTICAL :Enzo Chang	;
100 Level (d 87.5 75.0 62.5 50.0 37.5 25.0 12.5	224.	2 3		6 6 806.		
		418. Frequer				·
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m		dB
71.710 290.930 390.840 500.450 540.220 746.830	Peak Peak Peak Peak Peak Peak	49.94 36.77 37.33 38.21 40.40 37.91	-22.11 -15.50 -12.91 -10.66 -9.47 -7.76	27.83 21.27 24.42 27.55 30.92 30.16	40.00 46.00 46.00 46.00 46.00 46.00	-12.17 -24.73 -21.58 -18.45 -15.08 -15.84



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5580 MH :TX CH M :E1 Plane	/ Band 3 z IID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-08-11 :22.5/59 :HORIZONTAL :Enzo Chang	;
100 Level (d 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	1BuV/m)	2 3 4 418. Frequer	612. (MH2)	5 6		
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		υσμν	uВ	αвμν/п	ασμν/π	UD
199.750 320.030 442.250 490.750 690.570 843.830	Peak Peak Peak Peak Peak Peak	48.12 41.21 38.83 38.47 42.20 39.83	-19.65 -14.94 -11.70 -10.55 -8.64 -6.43	28.47 26.27 27.13 27.92 33.57 33.40	43.50 46.00 46.00 46.00 46.00 46.00	-15.03 -19.73 -18.87 -18.08 -12.43 -12.60



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5785 MH :TX CH M :E1 Plane	Band 4 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-08-11 :22.5/59 :VERTICAL :Enzo Chang	;
100 Level (d 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	224.	2 3 418. Frequer		5		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
71.710 385.990 500.450 540.220 741.010 953.440	Peak Peak Peak Peak Peak Peak	49.16 39.70 38.19 40.38 35.77 31.32	-22.11 -13.20 -10.66 -9.47 -7.29 -5.22	27.05 26.50 27.53 30.90 28.48 26.10	40.00 46.00 46.00 46.00 46.00 46.00	-12.95 -19.50 -18.47 -15.10 -17.52 -19.90



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5785 MH :TX CH M :E1 Plane	' Band 4 z ID	ר ר <i>ו</i>	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-08-11 :22.5/59 :HORIZONTAL :Enzo Chang	
100 Level (0 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	1BuV/m)	2 3 4 2 3 4 418. Frequen	612. 612.	5		
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
199.750 297.720 442.250 490.750 746.830 960.230	Peak Peak Peak Peak Peak Peak	48.24 42.06 39.26 38.90 40.50 37.92	-19.65 -15.51 -11.70 -10.55 -7.76 -6.05	28.59 26.55 27.55 28.35 32.74 31.87	43.50 46.00 46.00 46.00 46.00 54.00	-14.91 -19.45 -18.45 -17.65 -13.26 -22.13

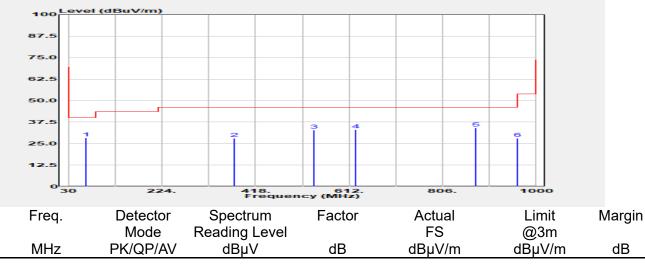
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11.7.3 **Dipole Ant.**

Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 1
Test Frequency	:5220 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-04
Temp./Humi.	:21.6/61
Antenna Pol.	:VERTICAL
Engineer	:Ashton Chiu



67.308	Peak	51.13	-22.84	28.29	40.00	-11.71
375.096	Peak	41.48	-13.46	28.02	46.00	-17.98
539.872	Peak	42.25	-9.48	32.78	46.00	-13.22
625.369	Peak	41.43	-8.26	33.17	46.00	-12.83
875.641	Peak	40.65	-6.56	34.08	46.00	-11.92
961.138	Peak	34.10	-5.96	28.14	54.00	-25.86

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / :5220 MH3 :TX CH M :E2 Plane	Band 1 z		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-05-04 :21.6/61 :HORIZONTAL :Ashton Chiu	
100 Level (0 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	1BuV/m)	418. Frequen	4 5	806.		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
47.099 165.240 317.580 539.872 625.369 961.138	Peak Peak Peak Peak Peak Peak	43.34 41.78 43.67 44.14 44.66 33.80	-17.39 -19.61 -15.10 -9.48 -8.26 -5.96	25.96 22.18 28.57 34.66 36.40 27.84	40.00 43.50 46.00 46.00 46.00 54.00	-14.04 -21.32 -17.43 -11.34 -9.60 -26.16



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / :5300 MH :TX CH M :E2 Plane	Band 2 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-05-04 :21.6/61 :VERTICAL :Ashton Chiu	;
100 Level (d 87.5 75.0 62.5 50.0 37.5 1 25.0 12.5 0 30	BuV/m)	418. Frequen		4		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz I	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		ασμν	db	dDµv/m		<u>ub</u>
36.218 539.872 625.369 749.728 875.641 961.138	Peak Peak Peak Peak Peak Peak	42.78 42.73 41.51 39.45 40.88 33.86	-10.03 -9.48 -8.26 -7.29 -6.56 -5.96	32.74 33.26 33.26 32.16 34.32 27.91	40.00 46.00 46.00 46.00 46.00 54.00	-7.26 -12.74 -12.74 -13.84 -11.68 -26.09



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5300 MH :TX CH M :E2 Plane	' Band 2 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-05-04 :21.6/61 :HORIZONTAL :Ashton Chiu	
100 Level (0 87.5 75.0 62.5 50.0 37.5 25.0 12.5 0 30	1BuV/m)	2 3 2 418. Frequen	612. cy (MHz)	5		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
196.330 319.135 441.939 625.369 745.064 961.138	Peak Peak Peak Peak Peak Peak	52.34 44.67 45.47 45.10 43.02 33.77	-19.95 -15.00 -11.72 -8.26 -8.04 -5.96	32.39 29.67 33.75 36.85 34.98 27.82	43.50 46.00 46.00 46.00 46.00 54.00	-11.11 -16.33 -12.25 -9.15 -11.02 -26.18



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5580 MH :TX CH M :E2 Plane	' Band 3 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-05-04 :21.6/61 :VERTICAL :Ashton Chiu	;
100 Level (d 87.5 75.0 62.5 50.0 37.5 12 25.0 12.5 0 30	BuV/m)			5		
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
1109.	Mode	Reading Level	1 40101	FS	@3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	U	dB
33.109 45.545 539.872 625.369 749.728 875.641	Peak Peak Peak Peak Peak Peak	39.60 48.02 42.60 41.20 40.17 40.48	-8.39 -16.14 -9.48 -8.26 -7.29 -6.56	31.21 31.88 33.12 32.94 32.88 33.92	40.00 40.00 46.00 46.00 46.00 46.00	-8.79 -8.12 -12.88 -13.06 -13.12 -12.08

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / :5580 MH3 :TX CH M :E2 Plane	Band 3 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-05-04 :21.6/61 :HORIZONTAL :Ashton Chiu	;
100 Level (0 87.5 75.0 62.5 50.0 37.5 1 25.0 12.5 0 30	1BuV/m)	418. Frequen	612. cy (MHz)	5	6	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
37.772 165.240 319.135 625.369 745.064 961.138	Peak Peak Peak Peak Peak Peak	42.91 42.41 44.05 44.07 47.55 33.51	-10.79 -19.61 -15.00 -8.26 -8.04 -5.96	32.11 22.81 29.05 35.82 39.51 27.55	40.00 43.50 46.00 46.00 46.00 54.00	-7.89 -20.69 -16.95 -10.18 -6.49 -26.45



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5785 MH :TX CH M :E2 Plane	Band 4 z ID		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber (:2021-05-04 :21.6/61 :VERTICAL :Ashton Chiu	2
87.5 75.0 62.5 50.0 37.5 25.0 12.5			4 5			
30	224.		612. icy (MHz)		1000	
Freq.	Detector	Spectrum	Factor	Actual FS	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	го dBµV/m	@3m dBµV/m	dB
IVI 12			<u>u</u> D			
39.327	Peak	45.30	-11.58	33.73	40.00	-6.27
50.208	Peak	53.53	-19.90	33.64	40.00	-6.36
375.096	Peak	42.01	-13.46	28.55	46.00	-17.45
539.872 625.369	Peak Peak	42.03 41.38	-9.48 -8.26	32.55 33.13	46.00 46.00	-13.45 -12.87
875.641	Peak	41.58	-0.20 -6.56	34.03	46.00	-12.07



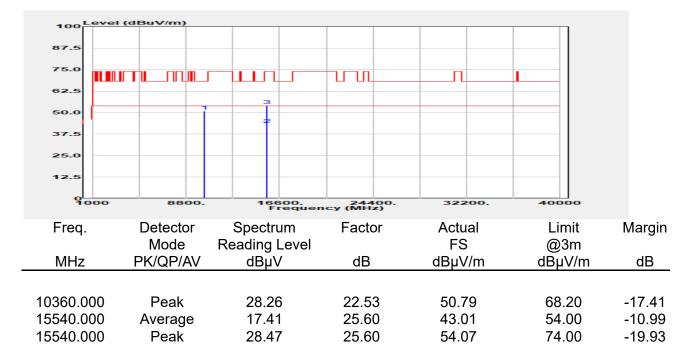
Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5785 MH :TX CH M :E2 Plane	/ Band 4 z IID	- - /	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-05-04 :21.6/61 :HORIZONTAL :Ashton Chiu	;
100 Level (0 87.5 75.0 62.5 50.0 37.5 12.5 0 30	1BuV/m)	418. Frequen	612. 612.	4 ⁵ 806.		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	0	dB
42.436 61.090 640.914 731.074 748.173 961.138	Peak Peak Peak Peak Peak Peak	44.32 49.63 33.63 42.47 43.92 33.77	-13.64 -23.91 -8.19 -7.87 -7.54 -5.96	30.68 25.71 25.44 34.61 36.38 27.82	40.00 40.00 46.00 46.00 46.00 54.00	-9.32 -14.29 -20.56 -11.39 -9.62 -26.18



11.7.4 Above 1GHz Worst-Case Data:

11.7.5 Monopole Ant.

Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 1	Test Date	:2021-08-11
Test Frequency	:5180 MHz	Temp./Humi.	:22.2/57
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



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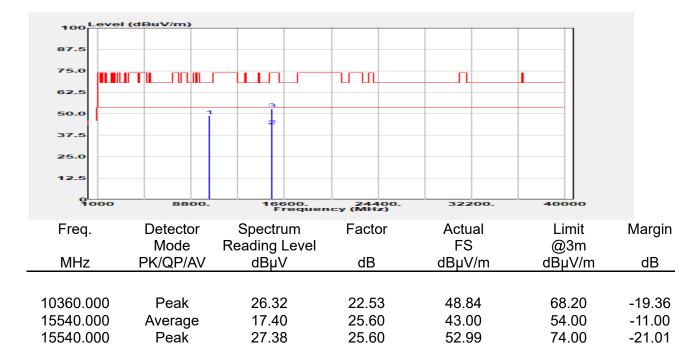
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:E2/2021/30019		
:802.11a / Band 1		
:5180 MHz		
:TX CH LOW		
:E1 Plane		

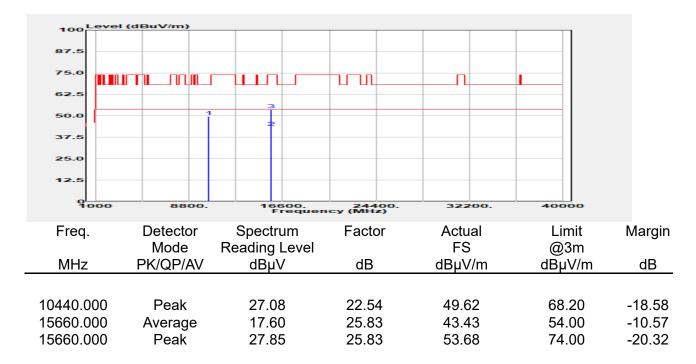
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





:E2/2021/30019		
:802.11a / Band 1		
:5220 MHz		
:TX CH MID		
:E1 Plane		

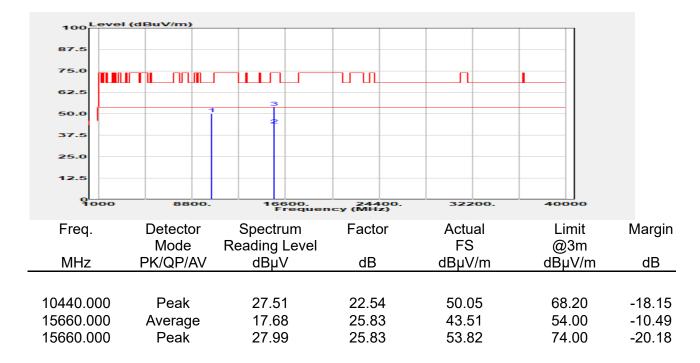
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 1
Test Frequency	:5220 MHz
Test Mode	:TX CH MID
EUT Pol	:E1 Plane

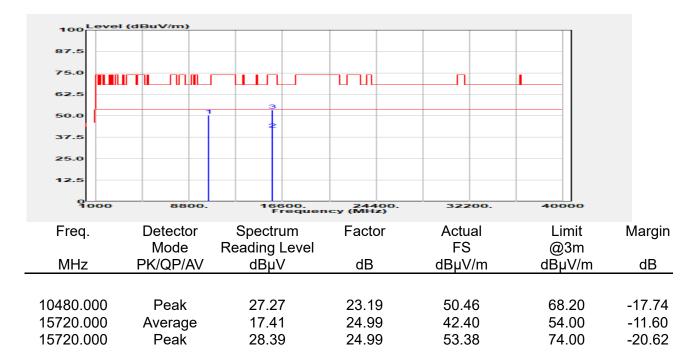
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





:E2/2021/30019		
:802.11a / Band 1		
:5240 MHz		
:TX CH HIGH		
:E1 Plane		

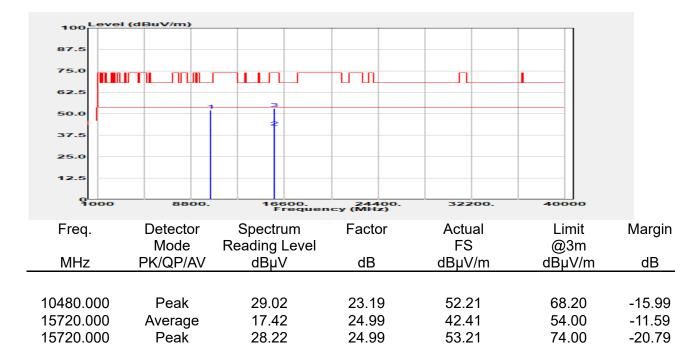
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





:E2/2021/30019
:802.11a / Band 1
:5240 MHz
:TX CH HIGH
:E1 Plane

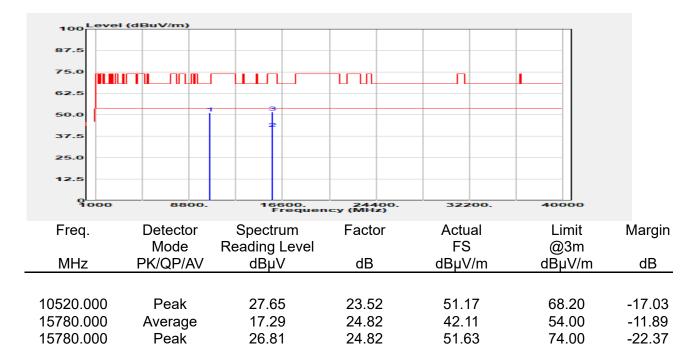
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





:E2/2021/30019
:802.11a / Band 2
:5260 MHz
:TX CH LOW
:E1 Plane

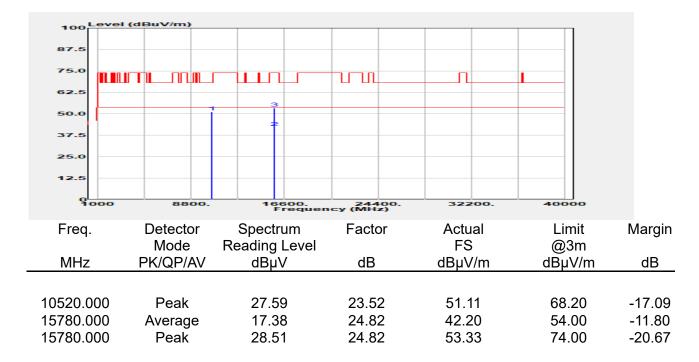
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





:E2/2021/30019
:802.11a / Band 2
:5260 MHz
:TX CH LOW
:E1 Plane

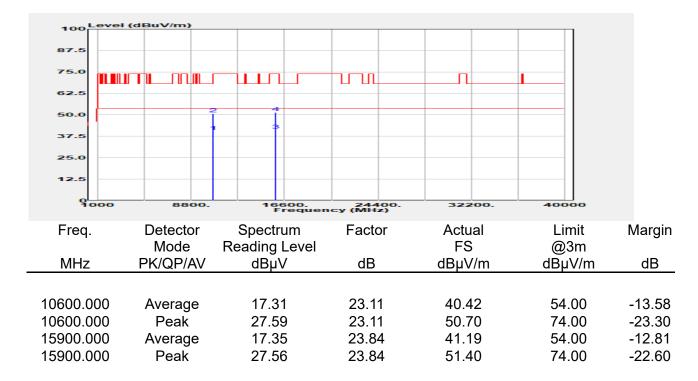
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:E1 Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang



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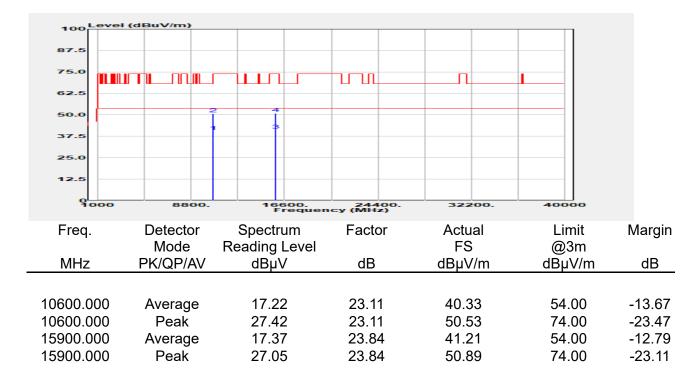
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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:E1 Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang



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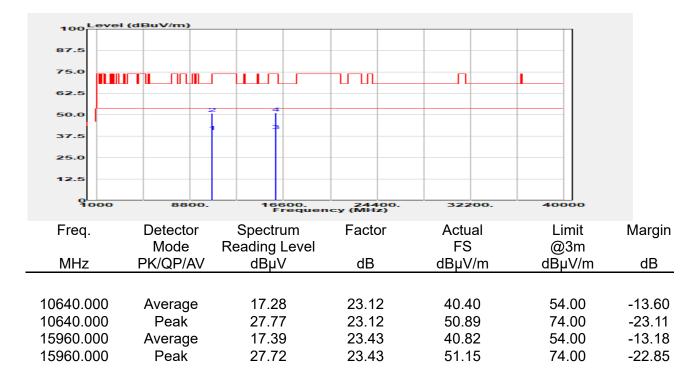
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:E2/2021/30019
:802.11a / Band 2
:5320 MHz
:TX CH HIGH
:E1 Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang



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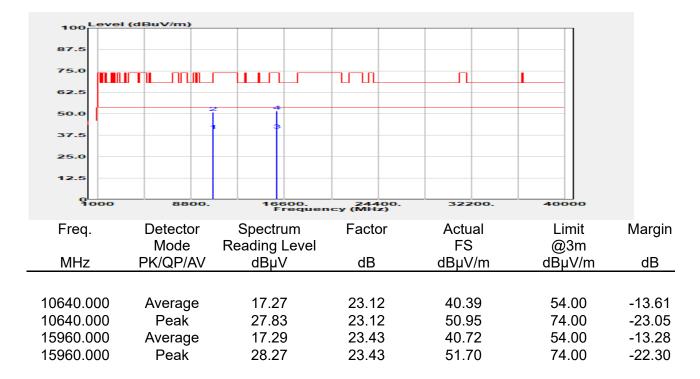
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2021/30019
.11a / Band 2
0 MHz
CH HIGH
Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang



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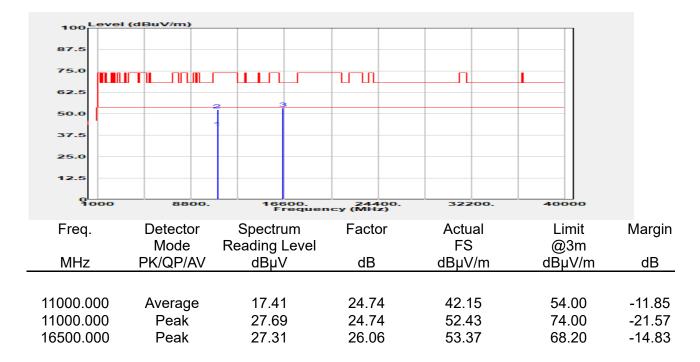
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:E2/2021/30019
:802.11a / Band 3
:5500 MHz
:TX CH LOW
:E1 Plane

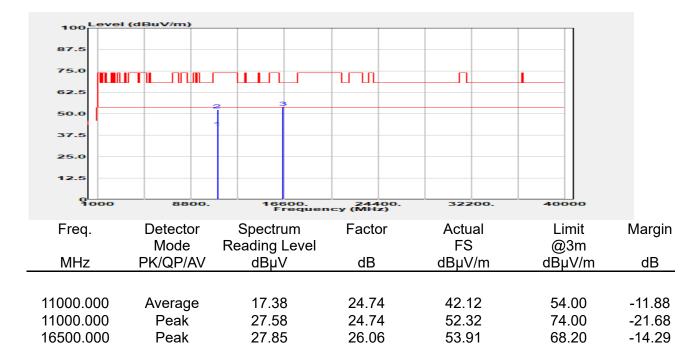
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





:E2/2021/30019
:802.11a / Band 3
:5500 MHz
:TX CH LOW
:E1 Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 3
Test Frequency	:5580 MHz
Test Mode	:TX CH MID
EUT Pol	:E1 Plane

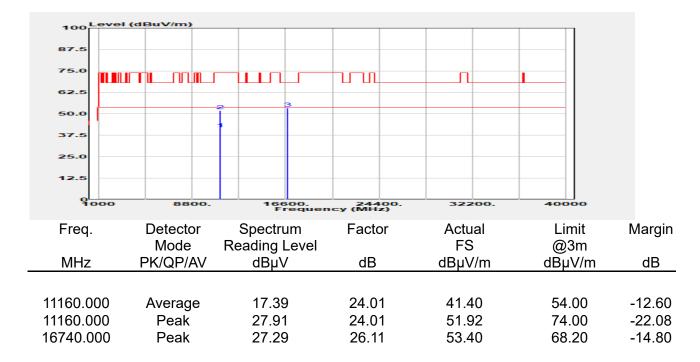
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 3
Test Frequency	:5580 MHz
Test Mode	:TX CH MID
EUT Pol	:E1 Plane

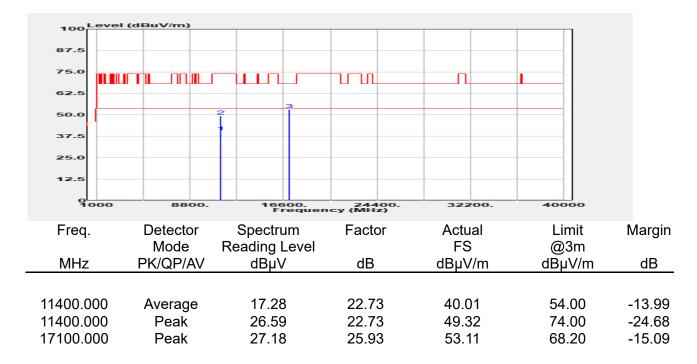
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





21/30019
a / Band 3
ЛНz
I HIGH
ne

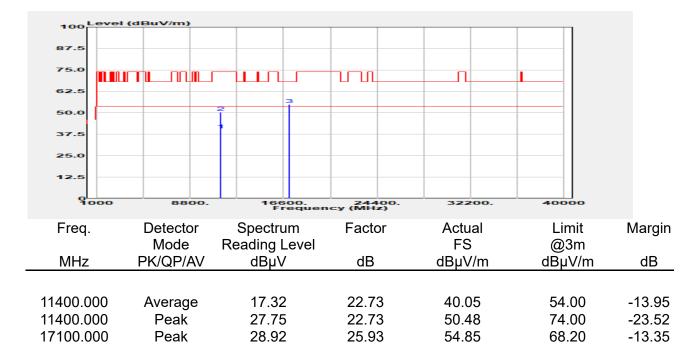
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 3
Test Frequency	:5700 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E1 Plane
EUT POI	:E1 Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang



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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 3-4	Test Date	:2021-08-11
Test Frequency	:5720 MHz	Temp./Humi.	:22.2/57
Test Mode	:TX CH 144	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
100						
87.5						
75.0						
62.5						
50.0		2				
50.0						
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	U
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11440.000	Average	17.27	23.40	40.67	54.00	-13.33
11440.000	Peak	27.44	23.40	50.84	74.00	-23.16
17160.000	Peak	28.46	26.22	54.68	68.20	-13.52
	, ean	20.10		0 1100	00.20	10.02



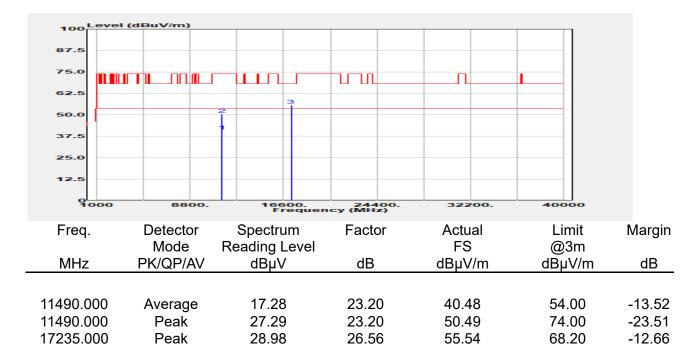
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 3-4	Test Date	:2021-08-11
Test Frequency	:5720 MHz	Temp./Humi.	:22.2/57
Test Mode	:TX CH 144	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

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. ncy (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
11440.000	Average	17.31	23.40	40.71	54.00	-13.29
11440.000	Peak	27.51	23.40	50.91	74.00	-23.09
17160.000	Peak	27.35	26.22	53.57	68.20	-14.63



:E2/2021/30019
:802.11a / Band 4
:5745 MHz
:TX CH LOW
:E1 Plane

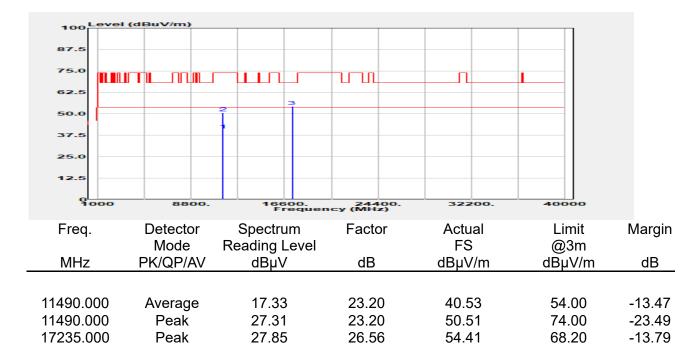
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





:E2/2021/30019
:802.11a / Band 4
:5745 MHz
:TX CH LOW
:E1 Plane

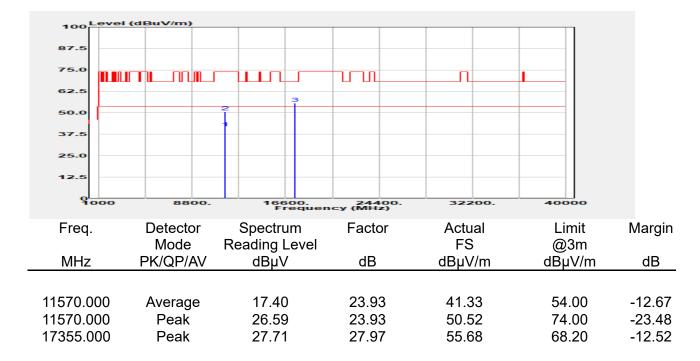
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 4
Test Frequency	:5785 MHz
Test Mode	:TX CH MID
EUT Pol	:E1 Plane

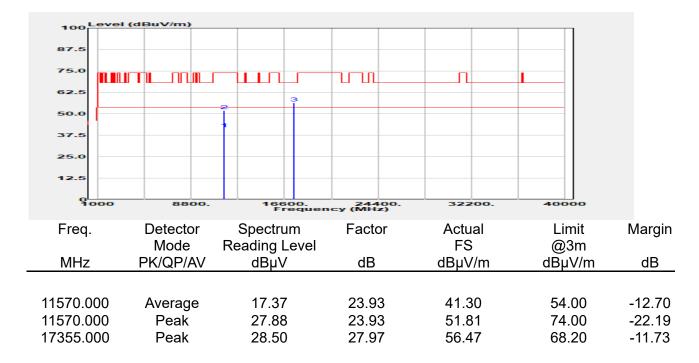
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





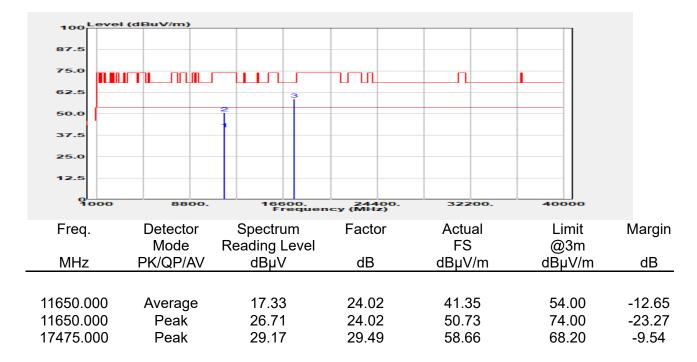
:E2/2021/30019
:802.11a / Band 4
:5785 MHz
:TX CH MID
:E1 Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang





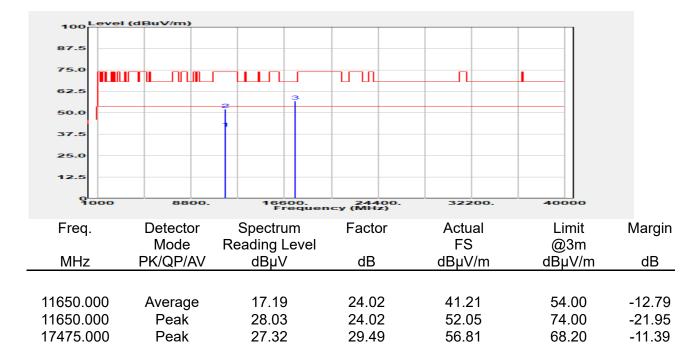
Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





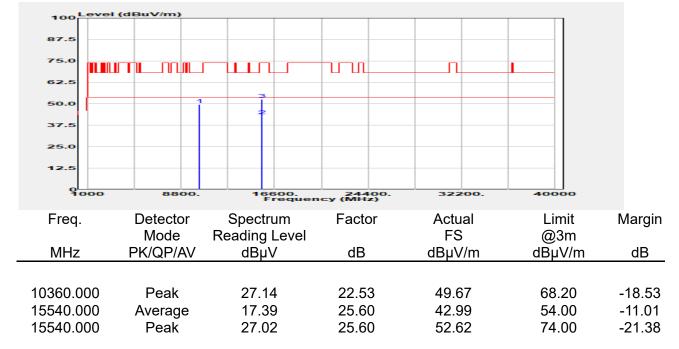
Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 4
Test Frequency	:5825 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E1 Plane

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.2/57
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang



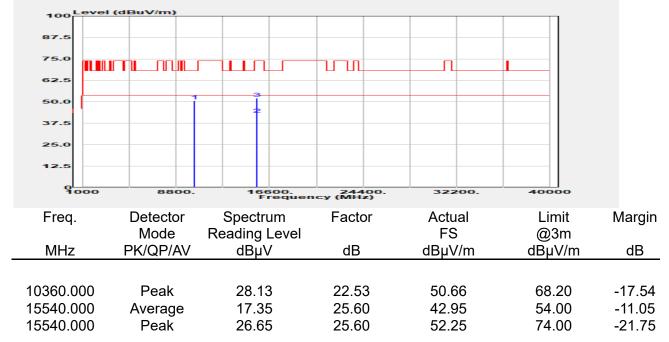


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-08-11
Test Frequency	:5180 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



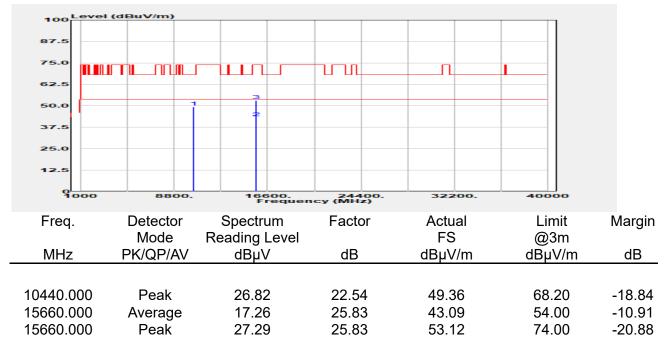


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-08-11
Test Frequency	:5180 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



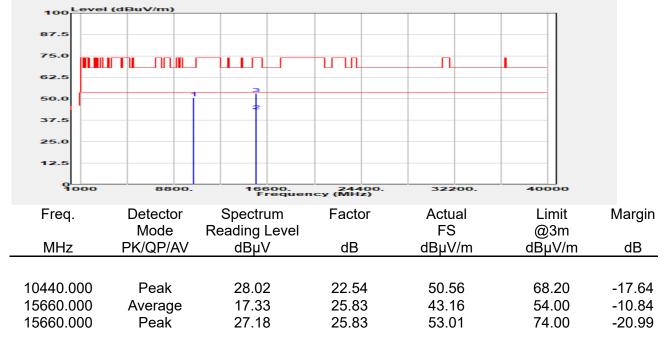


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-08-11
Test Frequency	:5220 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



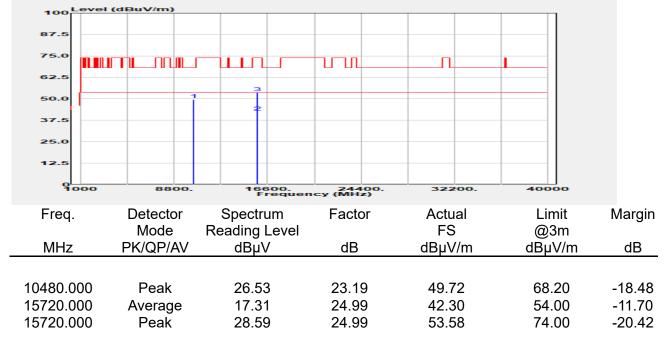


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-08-11
Test Frequency	:5220 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



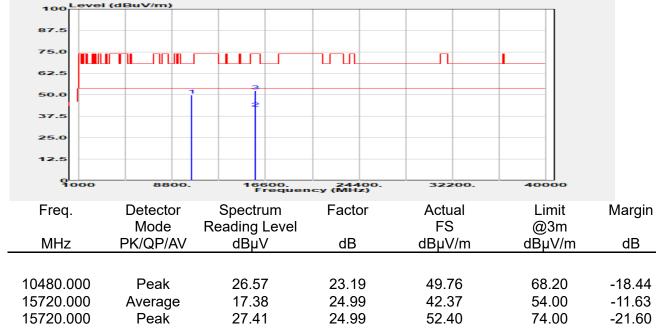


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-08-11
Test Frequency	:5240 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



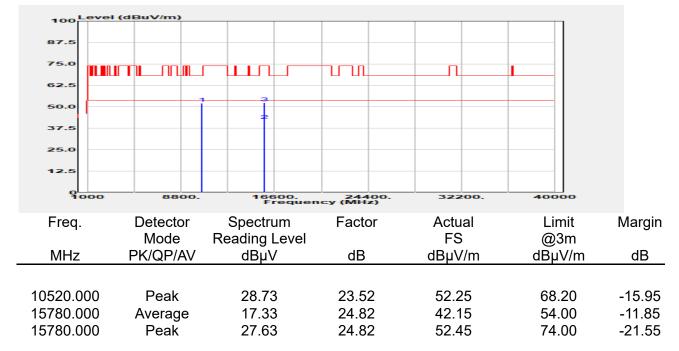


021/30019	Test Site	:966 Chamber C
11n20 / Band 1	Test Date	:2021-08-11
) MHz	Temp./Humi.	:22.3/58
CH HIGH	Antenna Pol.	:Horizontal
Plane	Engineer	:Enzo Chang
	11n20 / Band 1) MHz CH HIGH	11n20 / Band 1Test Date0 MHzTemp./Humi.CH HIGHAntenna Pol.





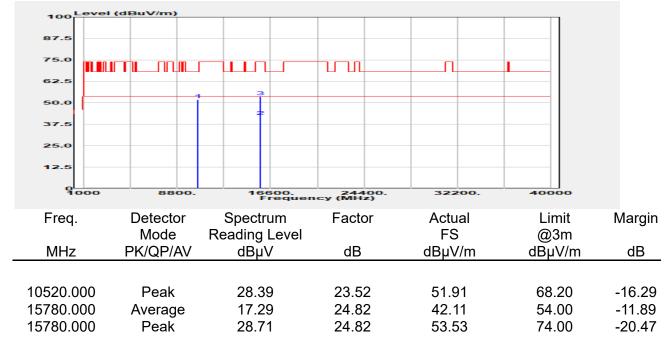
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 2	Test Date	:2021-08-11
Test Frequency	:5260 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 2	Test Date	:2021-08-11
Test Frequency	:5260 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



:966 Chamber C

:2021-08-11

:Enzo Chang

:22.3/58

:Vertical



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n20 / Band 2	Test Date
Test Frequency	:5300 MHz	Temp./Humi.
Test Mode	:TX CH MID	Antenna Pol.
EUT Pol	:E1 Plane	Engineer

Level	(dBuV/m)					
100						
87.5						
75.0						
62.5						
50.0						
37.5						
25.0						
12.5						
9000	8800.	16600. Frequer	24400. icy (MHz)	32200.	40000	
Frog	Detector	Speetrum	Factor	Actual	Limit	Morgin
Freq.	Detector	Spectrum	Factor	Actual FS	Limit	Margin
• • • •	Mode	Reading Level			@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10600.000	Average	17.32	23.11	40.43	54.00	-13.57
10600.000	Peak	26.79	23.11	49.90	74.00	-24.10
15900.000	Average	17.28	23.84	41.12	54.00	-12.88
15900.000	Peak	27.65	23.84	51.49	74.00	-22.51
13900.000	r can	21.00	20.04	51.45	74.00	-22.01

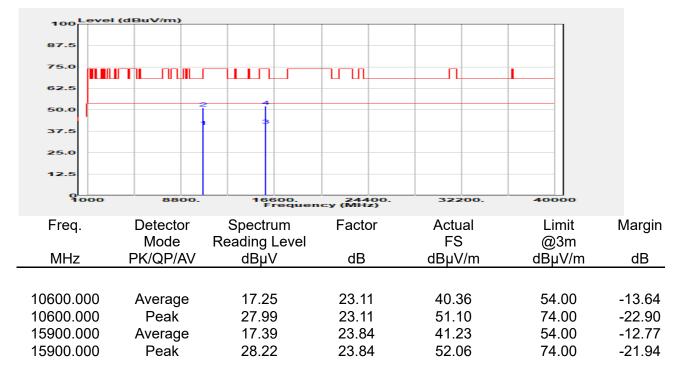
:966 Chamber C

:2021-08-11

:22.3/58 :Horizontal :Enzo Chang



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n20 / Band 2	Test Date
Test Frequency	:5300 MHz	Temp./Humi.
Test Mode	:TX CH MID	Antenna Pol.
EUT Pol	:E1 Plane	Engineer



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:966 Chamber C

:2021-08-11

:Enzo Chang

:22.3/58 :Vertical

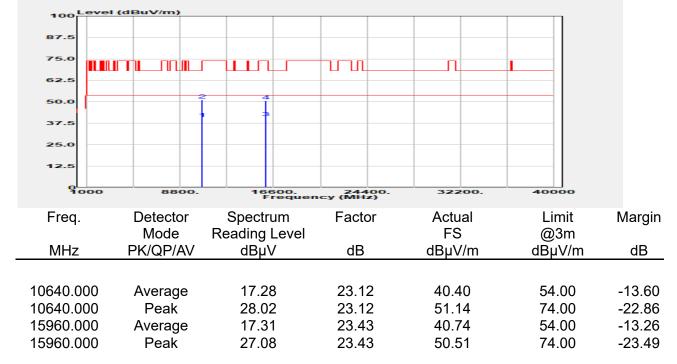


Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n20 / Band 2	Test Date
Test Frequency	:5320 MHz	Temp./Humi.
Test Mode	:TX CH HIGH	Antenna Pol.
EUT Pol	:E1 Plane	Engineer

87.5 75.0 62.5 50.0						
37.5 25.0 12.5 1000	8800.	16600. Frequer	24400. acy (MHz)	32200.	40000	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m dBu\//m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
10640.000 10640.000 15960.000 15960.000	Average Peak Average Peak	17.32 26.38 17.37 27.18	23.12 23.12 23.43 23.43	40.44 49.50 40.80 50.61	54.00 74.00 54.00 74.00	-13.56 -24.50 -13.20 -23.39



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 2	Test Date	:2021-08-11
Test Frequency	:5320 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-08-11
Test Frequency	:5500 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
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
11000.000	Average	17.29	24.74	42.03	54.00	-11.97
11000.000	Peak	26.73	24.74	51.47	74.00	-22.53
16500.000	Peak	28.41	26.06	54.47	68.20	-13.73

С



100 Level (dBuV/m)

Report Number	:E2/2021/30019	Test Site	:966 Chamber (
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-08-11
Test Frequency	:5500 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

	87.5						
	75.0				П		
	62.5		- 3				
	50.0						
	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
	11000.000	Average	17.33	24.74	42.07	54.00	-11.93
	11000.000	Peak	27.08	24.74	51.82	74.00	-22.18
							-
	16500.000	Peak	27.73	26.06	53.79	68.20	-14.41



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-08-11
Test Frequency	:5580 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level 87.5 75.0 62.5 50.0				Ω		
37.5		•				
12.5	8800.	16600. Frequer	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
11160.000 11160.000 16740.000	Average Peak Peak	17.34 27.23 26.82	24.01 24.01 26.11	41.35 51.24 52.93	54.00 74.00 68.20	-12.65 -22.76 -15.27



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-08-11
Test Frequency	:5580 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
50.0						
37.5						
25.0						
12.5						
9000	8800.	16600.	24400.	32200.	40000	
1000	0000.	Frequer	icy (MHz)	52200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
•	Mode	Reading Level		FS	@3m	Ũ
	would	Reauling Level		го	w SIII	
MHz	PK/QP/AV	dBµV	dB	гз dBµV/m	dBµV/m	dB
MHz			dB			dB
MHz	PK/QP/AV		dB 24.01			dB -12.70
		dBµV		dBµV/m	dBµV/m	
11160.000	PK/QP/AV Average	dBµV 17.29	24.01	dBµV/m 41.30	dBµV/m 54.00	-12.70

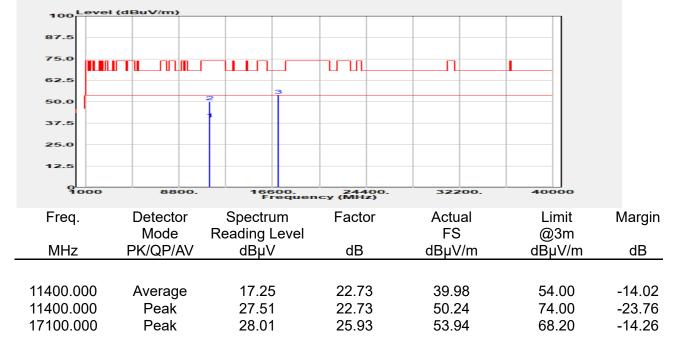


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-08-11
Test Frequency	:5700 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5		3				
50.0		2				
37.5		1				
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
11400.000	Average	17.33	22.73	40.06	54.00	-13.94
11400.000 11400.000	Average Peak	17.33 26.44	22.73 22.73	40.06 49.17	54.00 74.00	-13.94 -24.83



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-08-11
Test Frequency	:5700 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



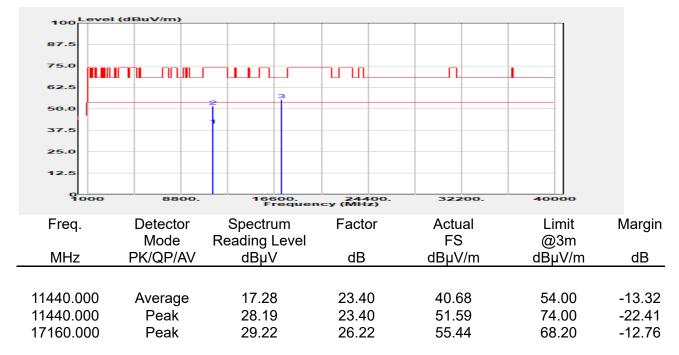


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3-4	Test Date	:2021-08-11
Test Frequency	:5720 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH 144	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Leve	l (dBuV/m)					
87.5						
75.0				Π		
62.5		3				
50.0		2				
37.5		1				
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
11440.000	Average	17.29	23.40	40.69	54.00	-13.31
11440.000	Peak	26.39	23.40	49.79	74.00	-24.21
17160.000	Peak	27.56	26.22	53.78	68.20	-14.42



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3-4	Test Date	:2021-08-11
Test Frequency	:5720 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH 144	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



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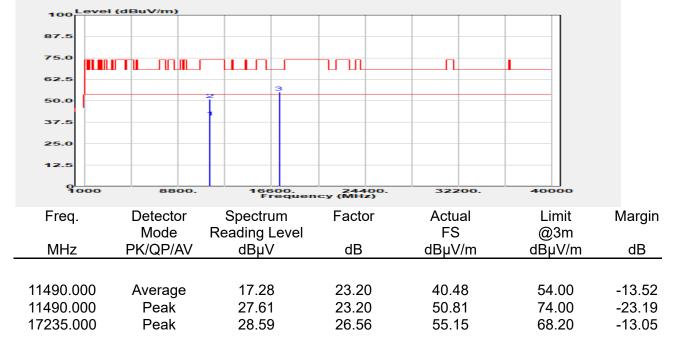


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-08-11
Test Frequency	:5745 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0			1, - 1 11			
62.5		3				
50.0		2				
37.5		1				
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
11490.000	Average	17.25	23.20	40.45	54.00	-13.55
11490.000	Peak	27.18	23.20	50.38	74.00	-23.62
17235.000	Peak	28.27	26.56	54.83	68.20	-13.37



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-08-11
Test Frequency	:5745 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang





Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-08-11
Test Frequency	:5785 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
		2 3				
50.0		Ī				
37.5						
25.0						
12.5						
9000	8800.	16600.	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
11570.000	Average	17.29	23.93	41.22	54.00	-12.78
11570.000	Peak	27.08	23.93	51.01	74.00	-22.99
17355.000		28.29		56.26		
17300.000	Peak	20.29	27.97	J0.∠0	68.20	-11.94



.

Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-08-11
Test Frequency	:5785 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	100 Level (dBuV/m)					
87.5						
75.0				Π		
62.5		3				
50.0		2				
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
11570.000	Average	17.28	23.93	41.21	54.00	-12.79
11570.000	Peak	26.56	23.93	50.49	74.00	-23.51
17355.000	Peak	28.43	27.97	56.40	68.20	-11.80
	1 Sul	20.10	21.01	00.10	00.20	

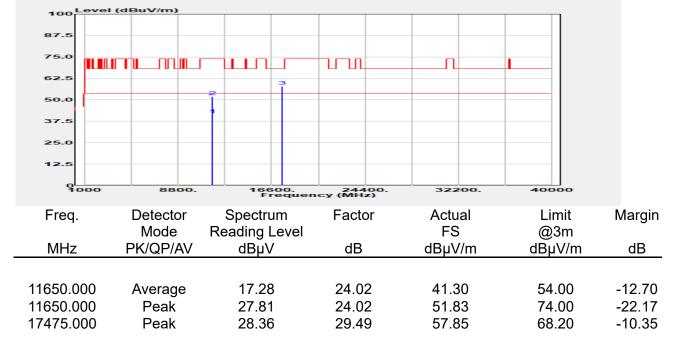


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-08-11
Test Frequency	:5825 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

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	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11650.000	Average	17.38	24.02	41.40	54.00	-12.60
11650.000	Peak	27.01	24.02	51.03	74.00	-22.97
17475.000	Peak	27.45	29.49	56.94	68.20	-11.26

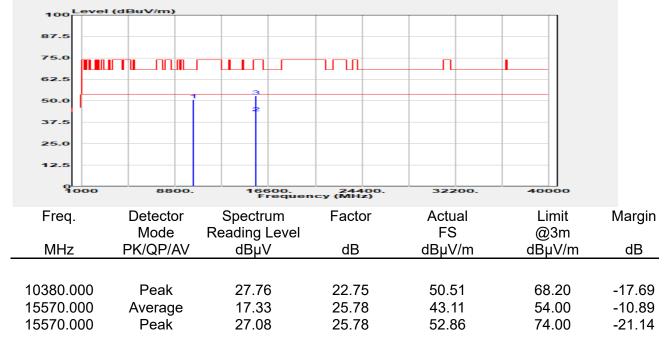


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-08-11
Test Frequency	:5825 MHz	Temp./Humi.	:22.3/58
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



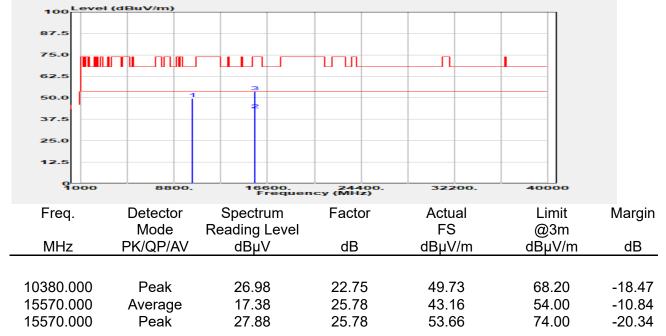


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-08-11
Test Frequency	:5190 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



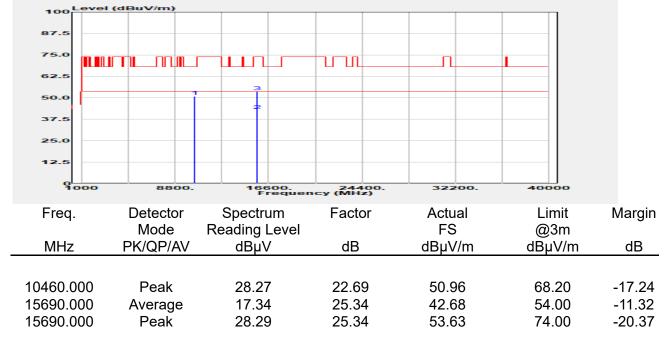


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-08-11
Test Frequency	:5190 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang





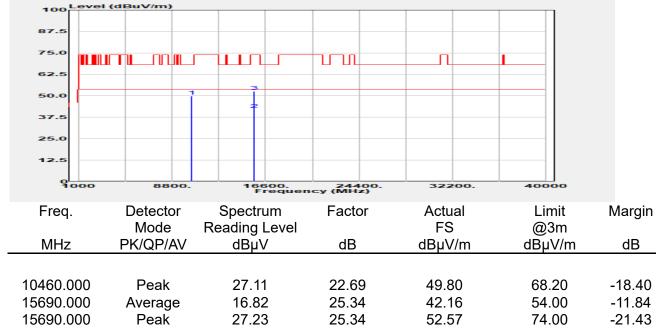
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-08-11
Test Frequency	:5230 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



С



Report Number	:E2/2021/30019	Test Site	:966 Chamber
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-08-11
Test Frequency	:5230 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

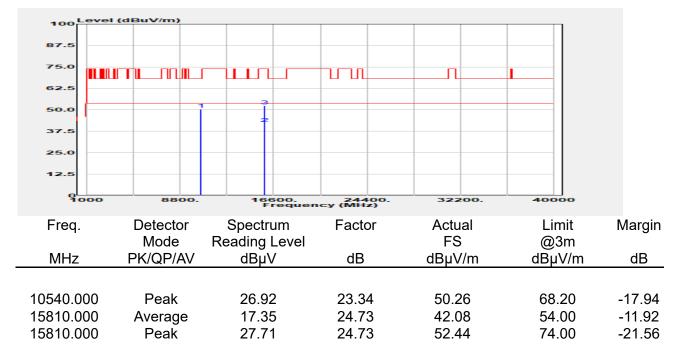


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 2	Test Date	:2021-08-11
Test Frequency	:5270 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 2	Test Date	:2021-08-11
Test Frequency	:5270 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
50.0		3				
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
10540.000	Peak	28.11	23.34	51.45	68.20	-16.75
15810.000	Average	17.28	24.73	42.01	54.00	-11.99
15810.000	Peak	26.79	24.73	51.52	74.00	-22.48

:966 Chamber C

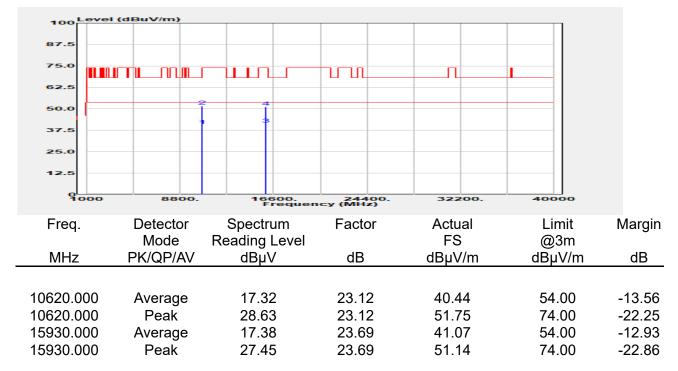
:2021-08-11

:Enzo Chang

:22.4/56 :Vertical



Report Number	:E2/2021/30019	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	:E1 Plane	Engineer



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 2	Test Date	:2021-08-11
Test Frequency	:5310 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level (87.5 75.0 62.5 50.0						
37.5		3				
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
10620.000	Average	17.29	23.12	40.41	54.00	-13.59
10620.000	Peak	27.85	23.12	50.97	74.00	-23.03
15930.000 15930.000	Average Peak	17.33 27.68	23.69	41.02	54.00	-12.98
15950.000	reak	21.00	23.69	51.37	74.00	-22.63



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-08-11
Test Frequency	:5510 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level 87.5 75.0 62.5 50.0				Ω		
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
11020.000	Average	17.33	24.56	41.89	54.00	-12.11
11020.000	Peak	27.51	24.56	52.07	74.00	-21.93
16530.000	Peak	26.38	26.08	52.46	68.20	-15.74

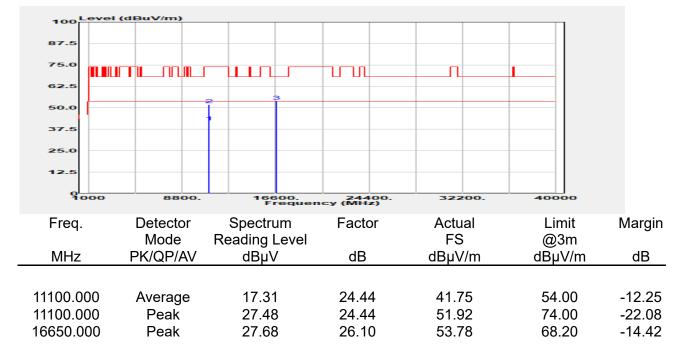


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-08-11
Test Frequency	:5510 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)		1		1	
87.5						
75.0						
62.5						
50.0						
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
11020.000	Average	17.25	24.56	41.81	54.00	-12.19
11020.000	Peak	27.54	24.56	52.10	74.00	-21.90
16530.000	Peak	26.98	26.08	53.06	68.20	-15.14



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-08-11
Test Frequency	:5550 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang





Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-08-11
Test Frequency	:5550 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level (d 87.5 75.0 62.5 50.0						
37.5						
25.0						
12.5						
1000	8800.	16600. Frequen	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
11100.000	Average	17.28	24.44	41.72	54.00	-12.28
11100.000	Peak	27.85	24.44	52.29	74.00	-21.71
16650.000	Peak	27.63	26.10	53.73	68.20	-14.47



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-08-11
Test Frequency	:5670 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

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	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11340.000	Average	17.28	23.71	40.99	54.00	-13.01
	•					~~ ~~
11340.000	Peak	26.59	23.71	50.30	74.00	-23.70



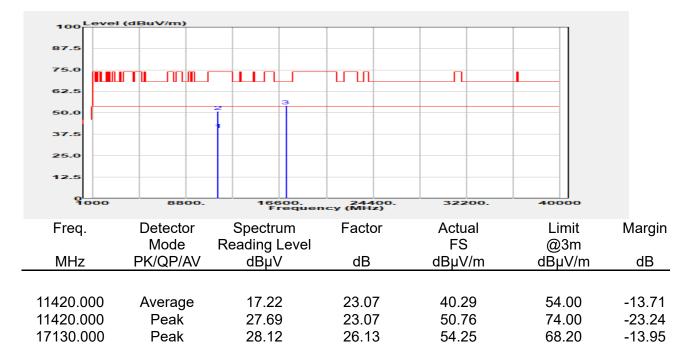
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-08-11
Test Frequency	:5670 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
50.0		2				
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
11340.000	Average	17.31	23.71	41.02	54.00	-12.98
11340.000	Peak	26.38	23.71	50.09	74.00	-23.91
17010.000	Peak	27.12	27.03	54.15	68.20	-14.05



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n40 / Band 3-4	Test Date
Test Frequency	:5710 MHz	Temp./Humi.
Test Mode	:TX CH 142	Antenna Pol.
EUT Pol	:E1 Plane	Engineer

Test Site	:966 Chamber C
Test Date	:2021-08-11
Temp./Humi.	:22.4/56
Antenna Pol.	:Vertical
Engineer	:Enzo Chang





Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3-4	Test Date	:2021-08-11
Test Frequency	:5710 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH 142	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level 87.5 75.0 62.5						
50.0		3				
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
11420.000	Average	17.26	23.07	40.33	54.00	-13.67
11420.000	Peak	27.56	23.07	50.63	74.00	-23.37
17130.000	Peak	28.56	26.13	54.69	68.20	-13.51



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-08-11
Test Frequency	:5755 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5		3				
50.0						
37.5						
25.0						
12.5						
9000	8800.	16600. Frequer	24400. ncy (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	17.30	23.22	40.52	54.00	-13.48
11510.000	Peak	28.38	23.22	51.60	74.00	-22.40
17265.000	Peak	28.61	26.95	55.56	68.20	-12.64

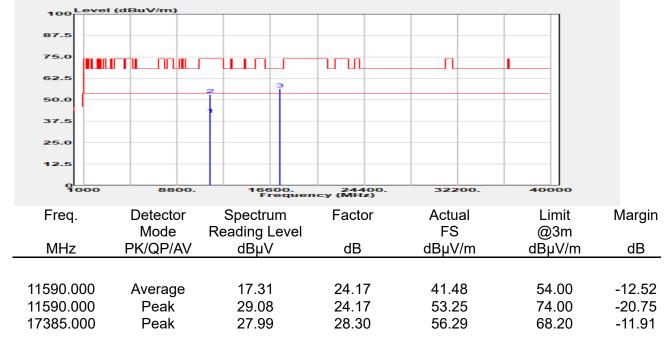


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-08-11
Test Frequency	:5755 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

100 Level	l (dBuV/m)		1		1	
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	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11510.000	Average	17.33	23.22	40.55	54.00	-13.45
11510.000	Peak	27.65	23.22	50.87	74.00	-23.13
17265.000	Peak	27.61	26.95	54.56	68.20	-13.64

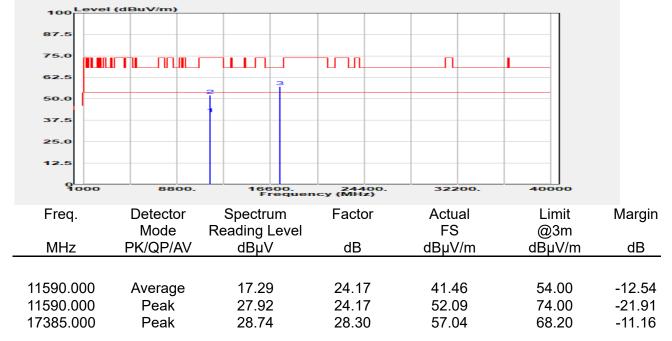


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-08-11
Test Frequency	:5795 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang





Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-08-11
Test Frequency	:5795 MHz	Temp./Humi.	:22.4/56
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang

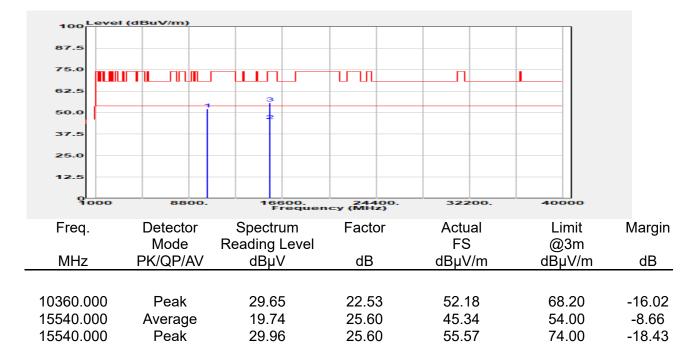




11.7.7 **Dipole Ant.**

Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 1
Test Frequency	:5180 MHz
Test Mode	:TX CH LOW
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.1/58
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu



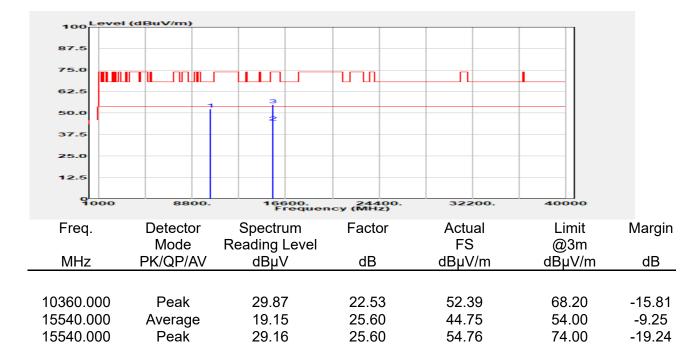
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



:E2/2021/30019
:802.11a / Band 1
:5180 MHz
:TX CH LOW
:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.1/58
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu

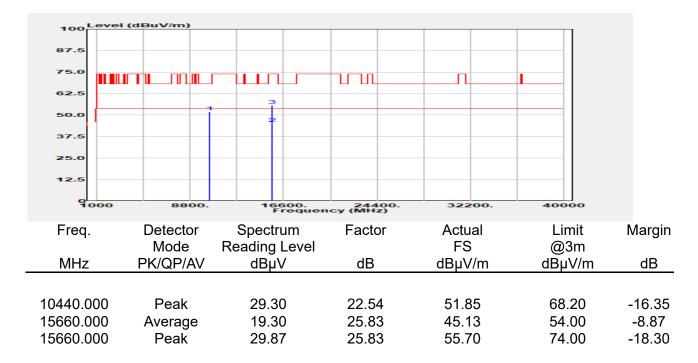


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 1
Test Frequency	:5220 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.1/58
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

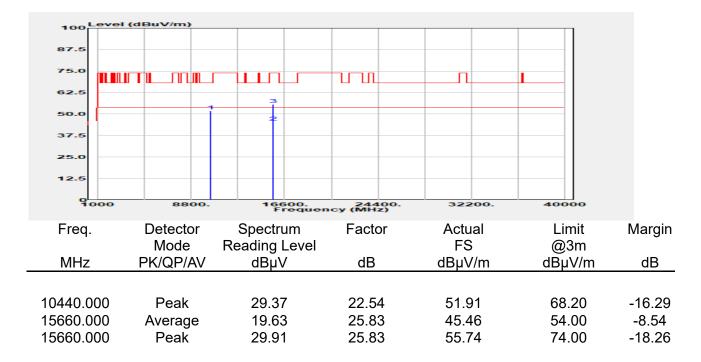


除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 1
Test Frequency	:5220 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

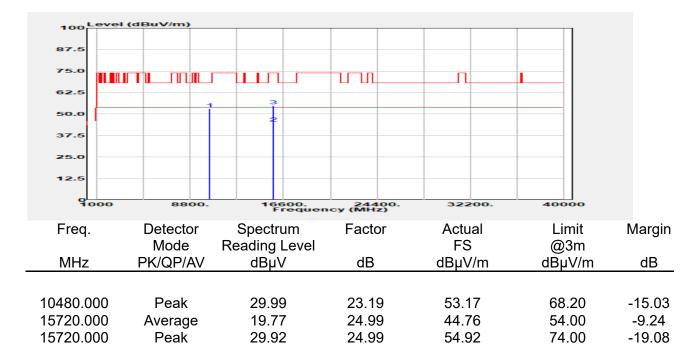
Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.1/58
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu



除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.1/58
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

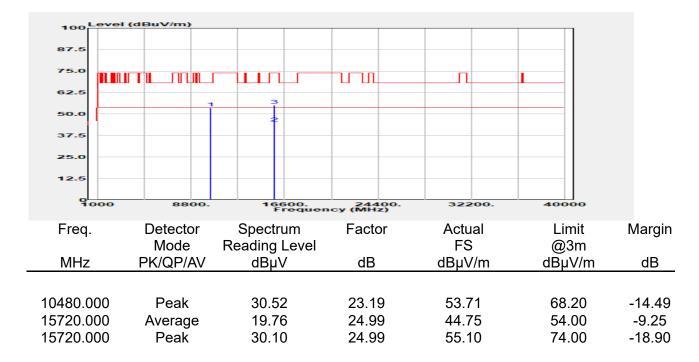


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 1
Test Frequency	:5240 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.1/58
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu

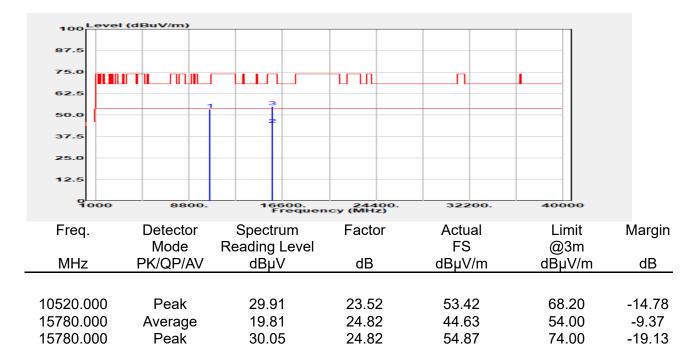


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:E2/2021/30019
:802.11a / Band 2
:5260 MHz
:TX CH LOW
:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:22.5/67
Antenna Pol.	:Vertical
Engineer	:Enzo Chang

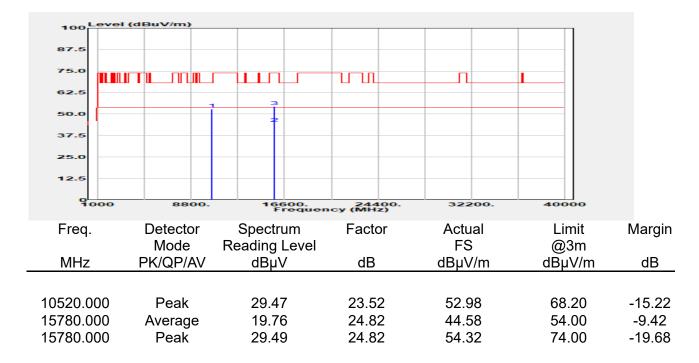


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:E2/2021/30019
:802.11a / Band 2
:5260 MHz
:TX CH LOW
:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:22.5/67
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang

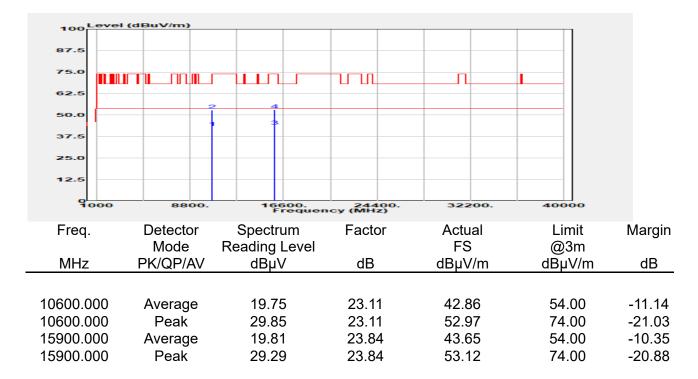


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:23.0/61
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

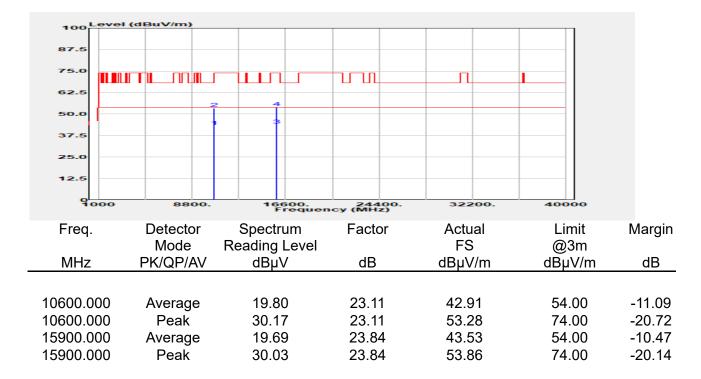


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:23.0/61
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu



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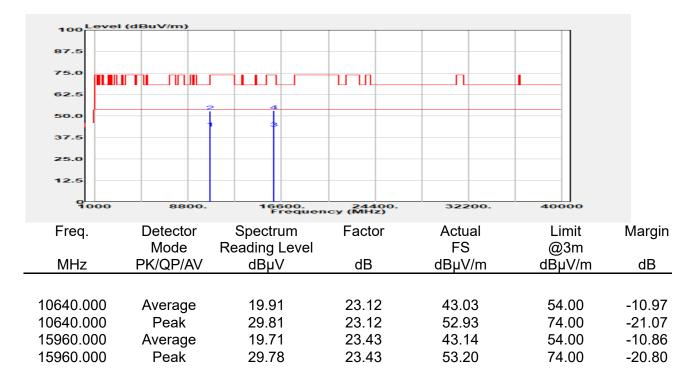
SGS Taiwan Ltd

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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 2
Test Frequency	:5320 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E2 Plane
EUT POI	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:23.0/61
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

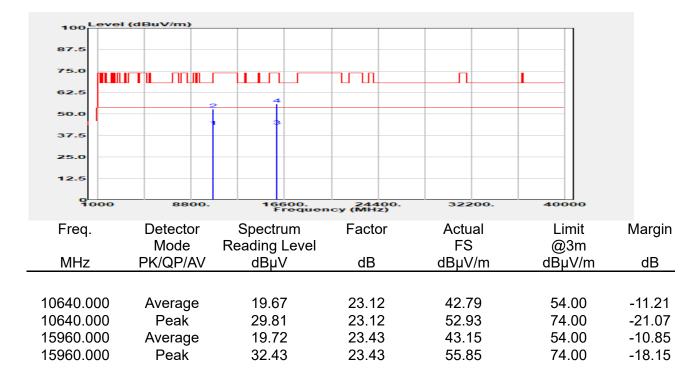


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 2
Test Frequency	:5320 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:23.0/61
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu

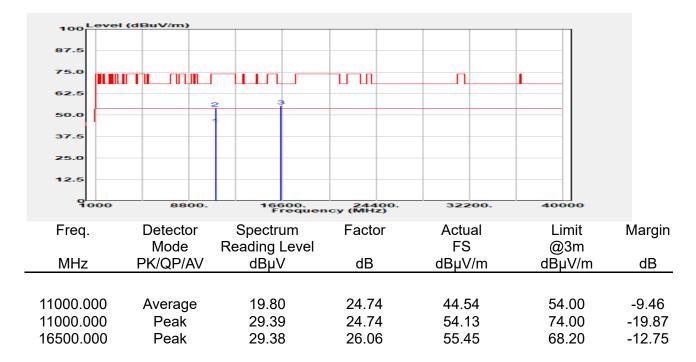


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:E2/2021/30019
:802.11a / Band 3
:5500 MHz
:TX CH LOW
:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.9/55
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

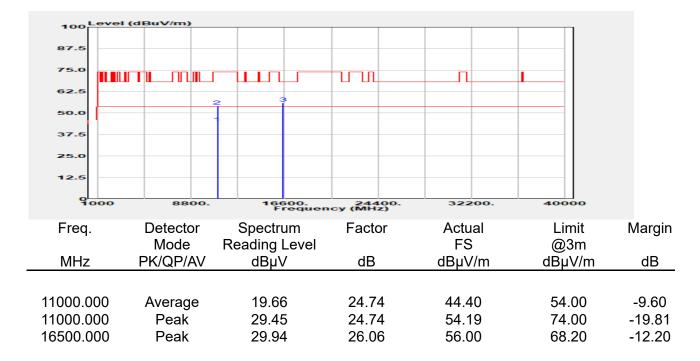


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:E2/2021/30019
:802.11a / Band 3
:5500 MHz
:TX CH LOW
:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.9/55
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu

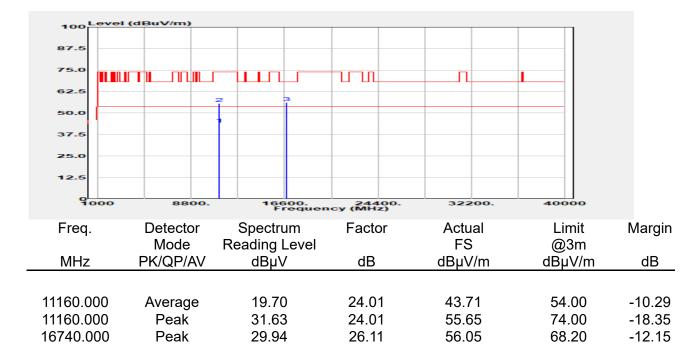


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 3
Test Frequency	:5580 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.9/55
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

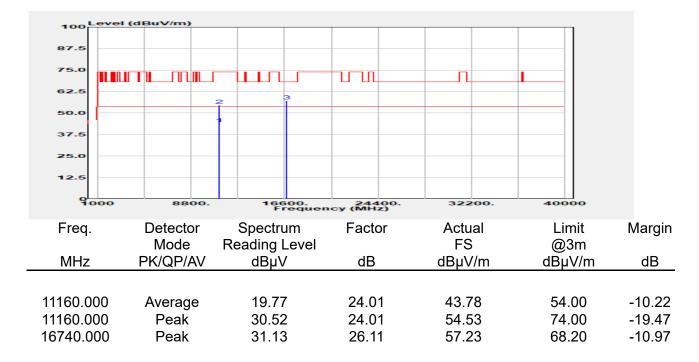


除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



:E2/2021/30019
:802.11a / Band 3
:5580 MHz
:TX CH MID
:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.9/55
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu

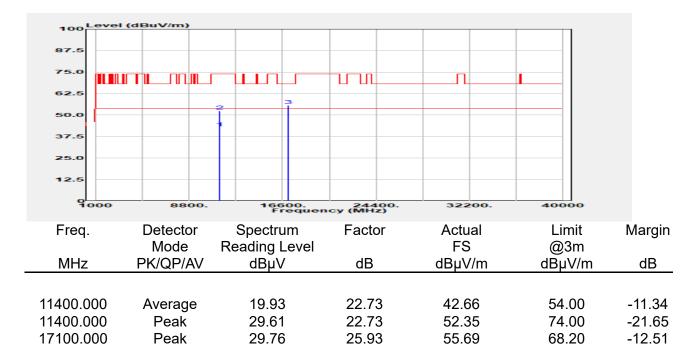


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 3
Test Frequency	:5700 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E2 Plane

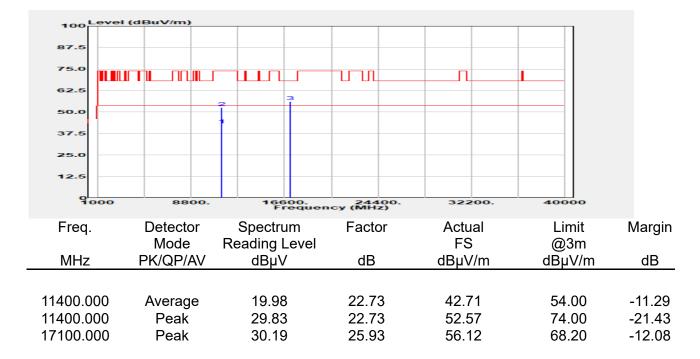
Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.9/55
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu



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Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.9/55
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu



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:2021-05-03

:Ashton Chiu

:22.6/57 :Vertical



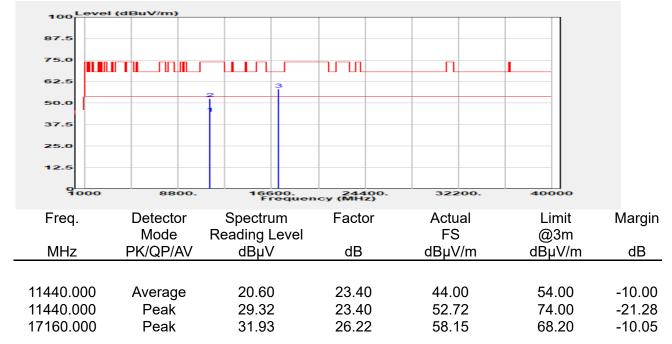
Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11a / Band 3-4	Test Date
Test Frequency	:5720 MHz	Temp./Humi.
Test Mode	:TX CH 144	Antenna Pol.
EUT Pol	:E2 Plane	Engineer

100 Level	(dBuV/m)					
87.5						
75.0				Π		
62.5		3				
50.0						
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
11440.000	Average	20.08	23.40	43.48	54.00	-10.52
11440.000	Peak	29.69	23.40	53.09	74.00	-20.91
17160.000	Peak	29.96	26.22	56.18	68.20	-12.02

Chamber C



Report Number	:E2/2021/30019	Test Site	:966 Chamber
Operation Mode	:802.11a / Band 3-4	Test Date	:2021-05-03
Test Frequency	:5720 MHz	Temp./Humi.	:22.6/57
Test Mode	:TX CH 144	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu



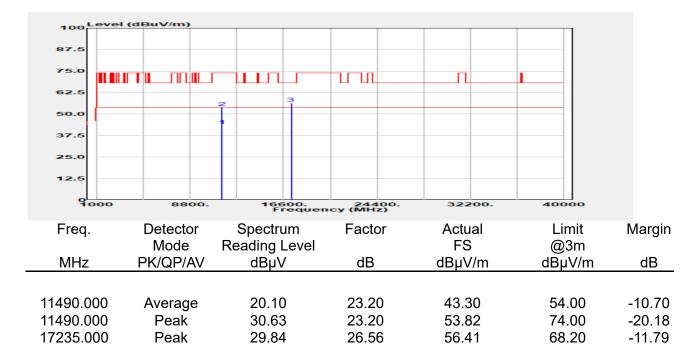
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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 4
Test Frequency	:5745 MHz
Test Mode	:TX CH LOW
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.8/56
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

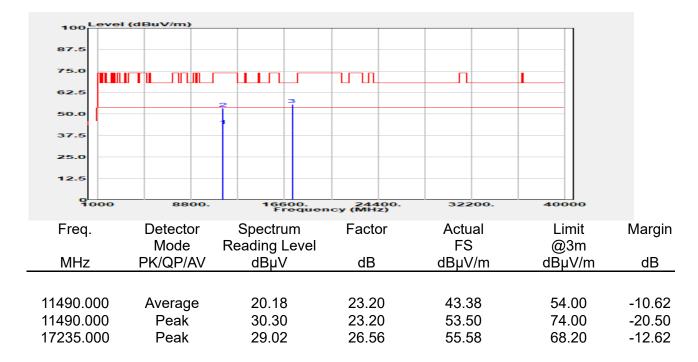


除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



:E2/2021/30019
:802.11a / Band 4
:5745 MHz
:TX CH LOW
:E2 Plane

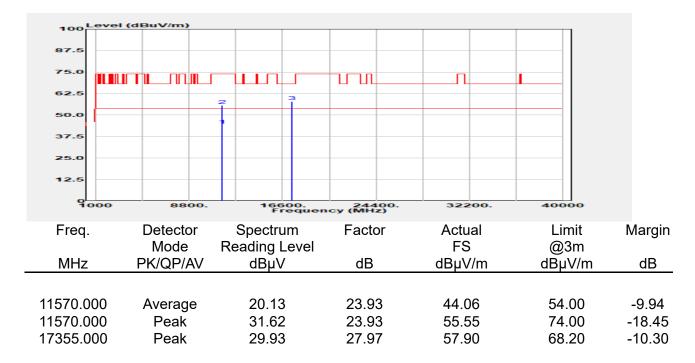
Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.8/56
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 4
Test Frequency	:5785 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

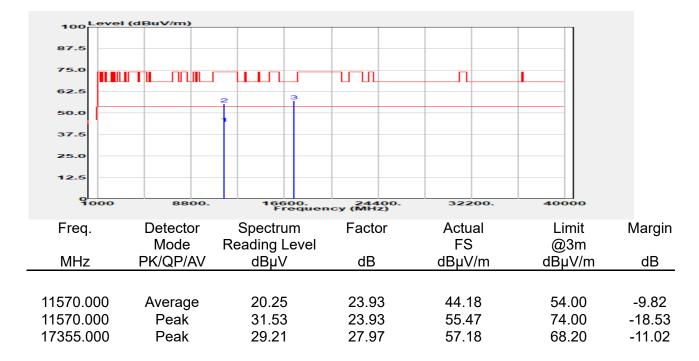
Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.8/56
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu





:E2/2021/30019
:802.11a / Band 4
:5785 MHz
:TX CH MID
:E2 Plane

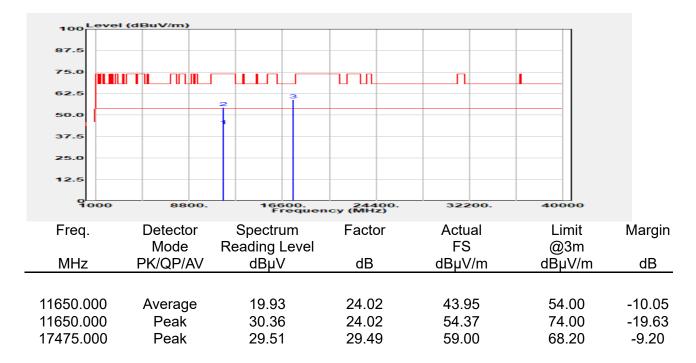
Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.8/56
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu





Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 4
Test Frequency	:5825 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E2 Plane
EUTPOI	.EZ Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.8/56
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu

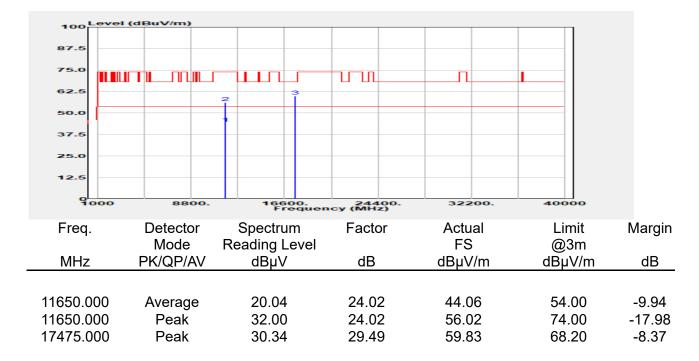


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Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 4
Test Frequency	:5825 MHz
Test Mode	:TX CH HIGH
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.8/56
Antenna Pol.	:Horizontal
Engineer	:Ashton Chiu



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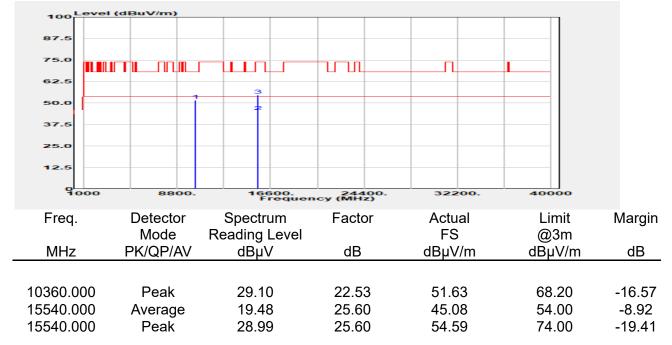


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-05-03
Test Frequency	:5180 MHz	Temp./Humi.	:22.4/62
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu

100 Level	(dBuV/m)					
87.5						
75.0						
62.5		3				
50.0		2				
37.5						
25.0						
12.5						
9000	8800.	16600. Frequen	24400. cy (MHz)	32200.	40000	
Freq.	Detector	Crosstrum	F .		Lineit	Marain
		Spectrum	Factor	Actual	Limit	Margin
•	Mode	Reading Level	Factor	Actual FS	@3m	wargin
MHz			Factor dB			dB
	Mode	Reading Level		FS	@3m	U
	Mode	Reading Level		FS	@3m	U
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-05-03
Test Frequency	:5180 MHz	Temp./Humi.	:22.4/62
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu



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:2021-05-03

:Ashton Chiu

:22.4/62 :Vertical

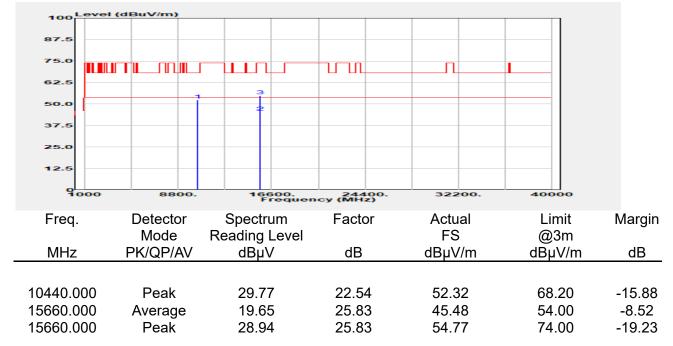


Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n20 / Band 1	Test Date
Test Frequency	:5220 MHz	Temp./Humi.
Test Mode	:TX CH MID	Antenna Pol.
EUT Pol	:E2 Plane	Engineer

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
50.0		2				
37.5						
25.0						
12.5						
9000				32200.		
1000	8800.	16600. Frequen	24400. cy (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
10440.000	Peak	29.70	22.54	52.24	68.20	-15.96
15660.000	Average	19.56	25.83	45.39	54.00	-8.61
15660.000	Peak	29.32	25.83	55.15	74.00	-18.85



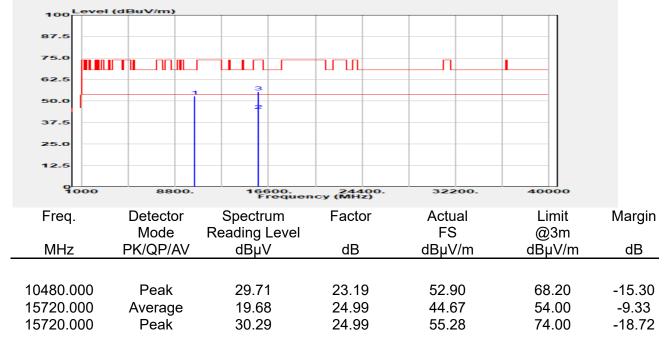
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-05-03
Test Frequency	:5220 MHz	Temp./Humi.	:22.4/62
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu



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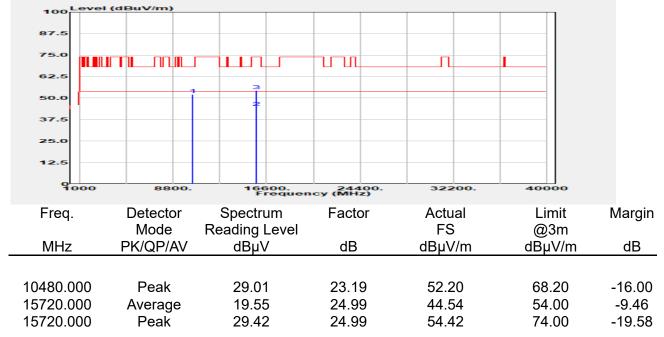


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-05-03
Test Frequency	:5240 MHz	Temp./Humi.	:22.4/62
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu



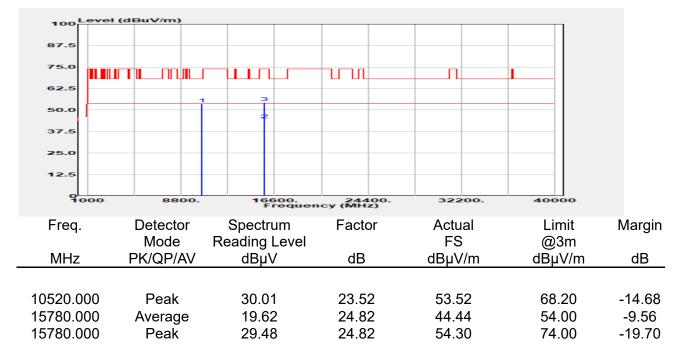


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 1	Test Date	:2021-05-03
Test Frequency	:5240 MHz	Temp./Humi.	:22.4/62
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu





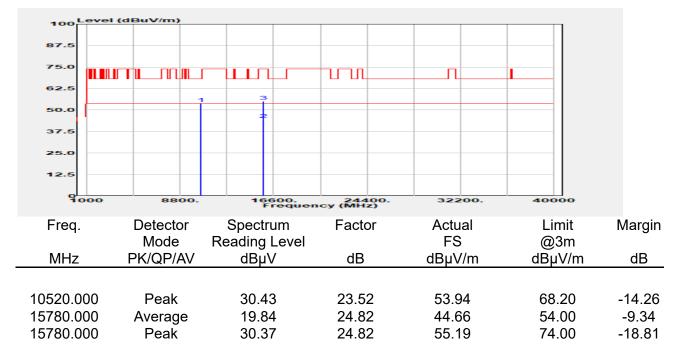
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 2	Test Date	:2021-05-03
Test Frequency	:5260 MHz	Temp./Humi.	:24.7/55
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu



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Report Number	:E2/2021/30019	Test Site	:966 Chambe
Operation Mode	:802.11n20 / Band 2	Test Date	:2021-05-03
Test Frequency	:5260 MHz	Temp./Humi.	:24.7/55
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Ashton Chiu



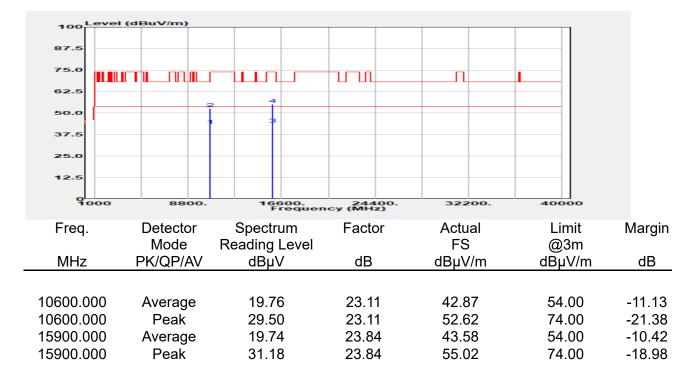
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Report Number	:E2/2021/30019
Operation Mode	:802.11n20 / Band 2
Test Frequency	:5300 MHz
Test Mode	:TX CH MID
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-05-03
Temp./Humi.	:24.7/55
Antenna Pol.	:Vertical
Engineer	:Ashton Chiu



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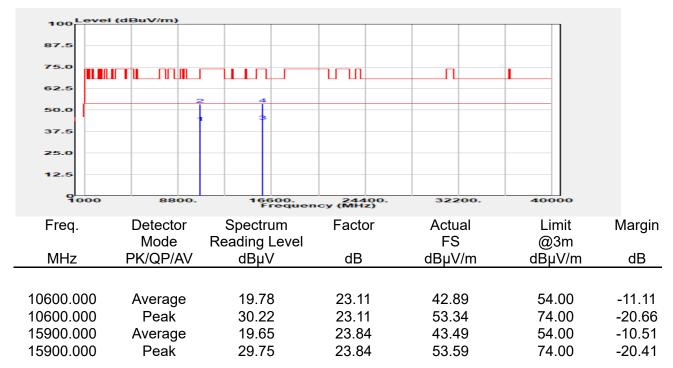
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:2021-05-03

:24.7/55 :Horizontal :Ashton Chiu



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n20 / Band 2	Test Date
Test Frequency	:5300 MHz	Temp./Humi.
Test Mode	:TX CH MID	Antenna Pol.
EUT Pol	:E2 Plane	Engineer



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SGS Taiwan Ltd

:2021-05-03

:Enzo Chang

:22.1/64

:Vertical



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n20 / Band 2	Test Date
Test Frequency	:5320 MHz	Temp./Humi.
Test Mode	:TX CH HIGH	Antenna Pol.
EUT Pol	:E2 Plane	Engineer

100 Level	(dBuV/m)			1 1		
87.5						
75.0					.	
62.5						
50.0		1 3				
37.5						
25.0						
12.5						
9000	8800.	16600. Frequer	24400. icy (MHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Frequer	icy (MHz)		Limit @3m	Margin
	Detector	Spectrum	icy (MHz)	Actual	Limit	Margin dB
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	0
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	0
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	dB
Freq. <u>MHz</u> 10640.000	Detector Mode PK/QP/AV Average	Spectrum Reading Level dBµV 19.77	Factor dB 23.12	Actual FS dBµV/m 42.89	Limit @3m dBµV/m 54.00	dB -11.11

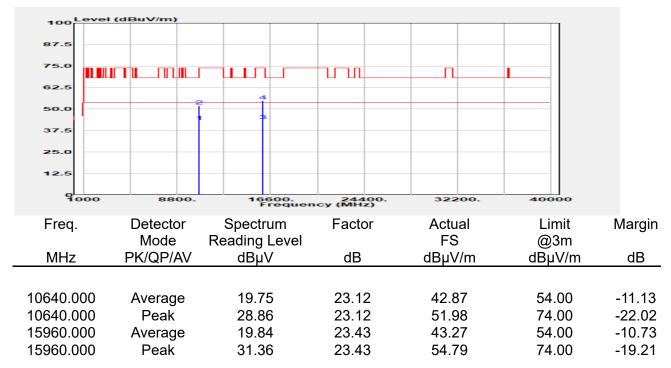
:2021-05-03

:Horizontal :Enzo Chang

:22.1/64



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n20 / Band 2	Test Date
Test Frequency	:5320 MHz	Temp./Humi.
Test Mode	:TX CH HIGH	Antenna Pol.
EUT Pol	:E2 Plane	Engineer



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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-05-03
Test Frequency	:5500 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level 87.5 75.0 62.5		2 3		Ω		
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
11000.000	Average	19.59	24.74	44.33	54.00	-9.67
11000.000	Peak	30.64	24.74	55.38	74.00	-18.62
16500.000	Peak	30.92	26.06	56.98	68.20	-11.22



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-05-03
Test Frequency	:5500 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100	(dBuV/m)				T T T	
87.5						
75.0				Π		
62.5		2 3				
50.0						
37.5						
25.0						
12.5						
9000	8800.	16600. Frequer	24400.	32200.	40000	
		Frequer	icy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Freq.	Detector Mode			Actual FS	Limit @3m	Margin
Freq. MHz		Spectrum				Margin dB
	Mode	Spectrum Reading Level	Factor	FS	@3m	· ·
	Mode	Spectrum Reading Level	Factor	FS	@3m	· ·
MHz	Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	FS dBµV/m	@3m dBµV/m	dB



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-05-03
Test Frequency	:5580 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Leve 87.5 75.0						
50.0		2 3			+	
37.5 25.0						
12.5 0 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
11160.000 11160.000 16740.000	Average Peak Peak	19.55 29.87 29.43	24.01 24.01 26.11	43.56 53.88 55.54	54.00 74.00 68.20	-10.44 -20.12 -12.66



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-05-03
Test Frequency	:5580 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level	l (dBuV/m)		1 1			
87.5						
75.0						
62.5		2 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
11160.000	Average	19.64	24.01	43.65	54.00	-10.35
11160.000	Peak	29.30	24.01	53.31	74.00	-20.69
16740.000	Peak	29.26	26.11	55.36	68.20	-12.84



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-05-03
Test Frequency	:5700 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level 87.5 75.0 62.5 50.0 37.5 25.0 12.5						
9	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
11400.000	Average	19.68	22.73	42.41	54.00	-11.59
11400.000	Peak	30.55	22.73	53.28	74.00	-20.72
17100.000	Peak	29.09	25.93	55.02	68.20	-13.18



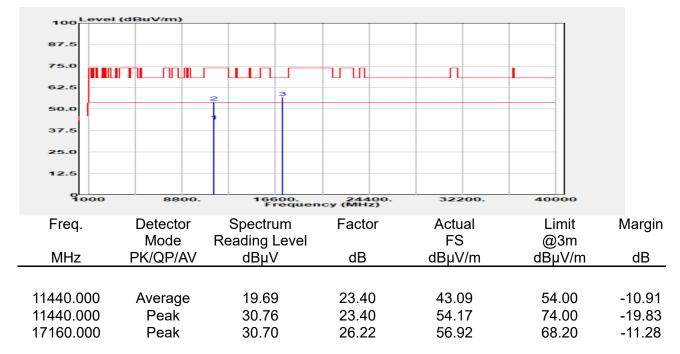
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3	Test Date	:2021-05-03
Test Frequency	:5700 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100	(dBuV/m)					
87.5						
75.0				Π		
62.5		3				
50.0						
37.5						
25.0						
12.5						
1000	8800.	46600		32200.	40000	
		Frequen	24400. cy (MHz)	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Freq.						Margin
Freq. MHz	Detector	Spectrum		Actual	Limit	Margin dB
	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	· ·
	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	· ·
MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	dB

Chamber C



Report Number	:E2/2021/30019	Test Site	:966 Chamber
Operation Mode	:802.11n20 / Band 3-4	Test Date	:2021-05-03
Test Frequency	:5720 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH 144	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

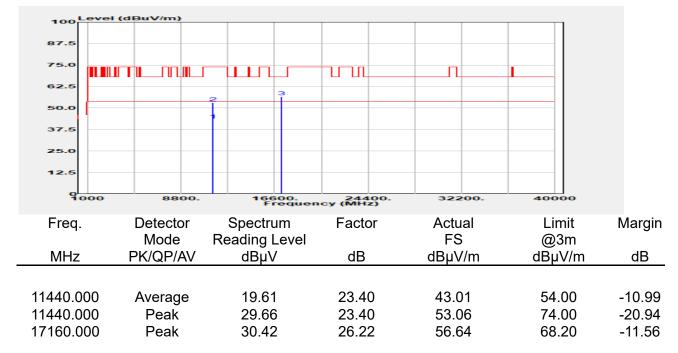


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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 3-4	Test Date	:2021-05-03
Test Frequency	:5720 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH 144	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



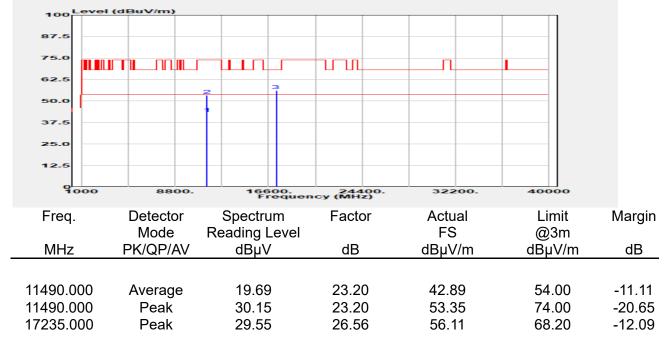


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-05-03
Test Frequency	:5745 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
100						
87.5						
75.0						
62.5		3				
50.0		2 1				
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
11490.000	Average	19.71	23.20	42.91	54.00	-11.09
11490.000	Peak	29.59	23.20	52.79	74.00	-21.21
17235.000	Peak	29.84	26.56	56.41	68.20	-11.79



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-05-03
Test Frequency	:5745 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



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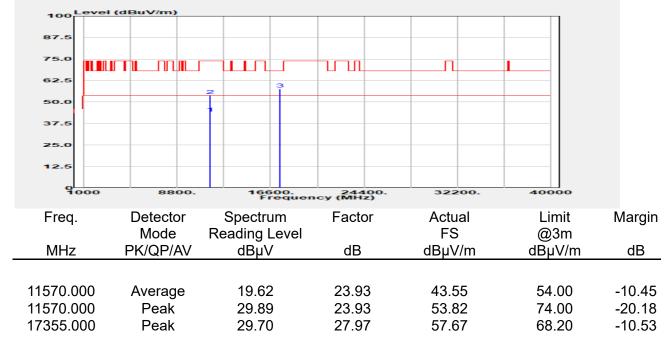


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-05-03
Test Frequency	:5785 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level 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
				•		
11570.000	Average	19.58	23.93	43.51	54.00	-10.49
11570.000	Peak	30.86	23.93	54.79	74.00	-19.21
17355.000	Peak	29.18	27.97	57.15	68.20	-11.05
17555.000	i can	23.10	21.31	57.15	00.20	-11.05

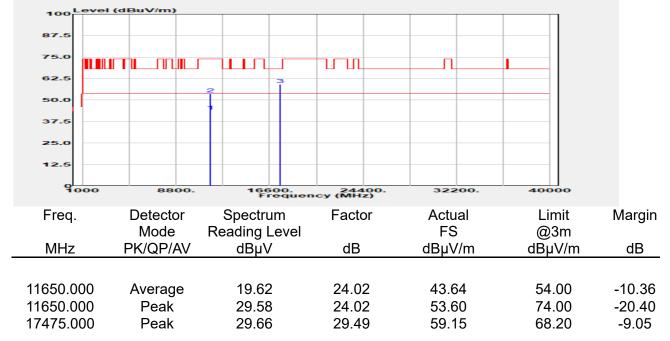


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-05-03
Test Frequency	:5785 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



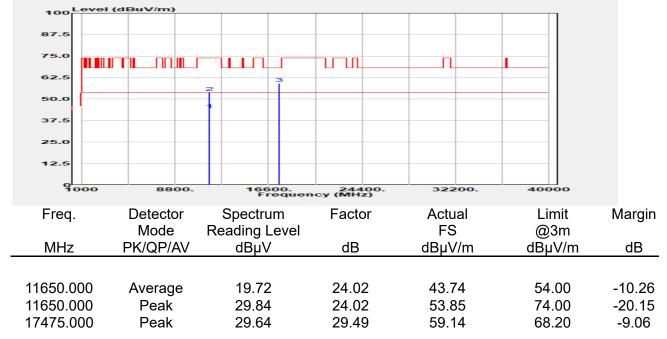


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-05-03
Test Frequency	:5825 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



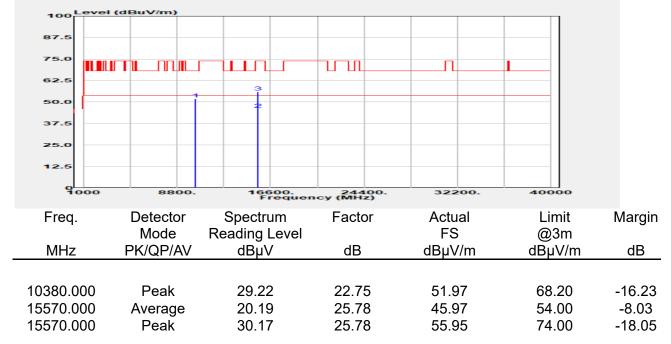


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n20 / Band 4	Test Date	:2021-05-03
Test Frequency	:5825 MHz	Temp./Humi.	:22.1/64
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



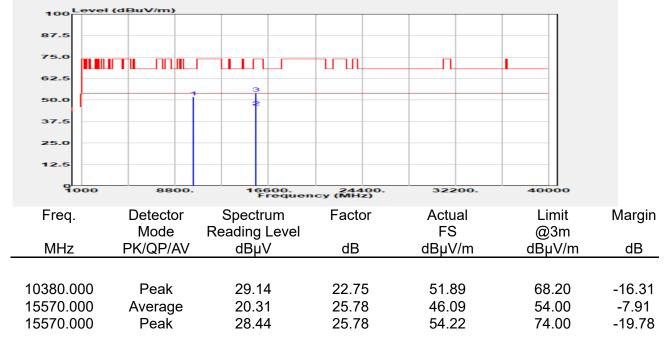


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-05-03
Test Frequency	:5190 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang





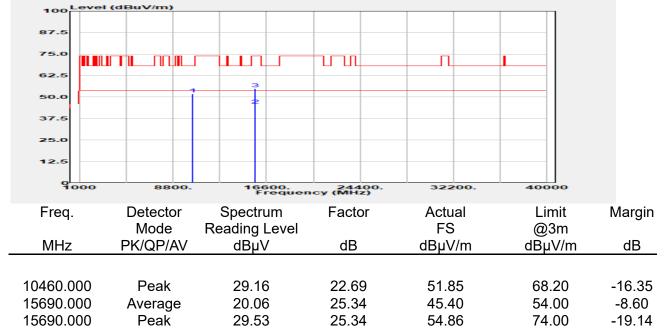
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-05-03
Test Frequency	:5190 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



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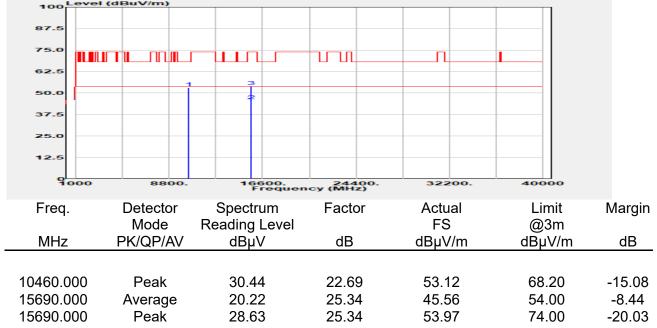


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-05-03
Test Frequency	:5230 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang





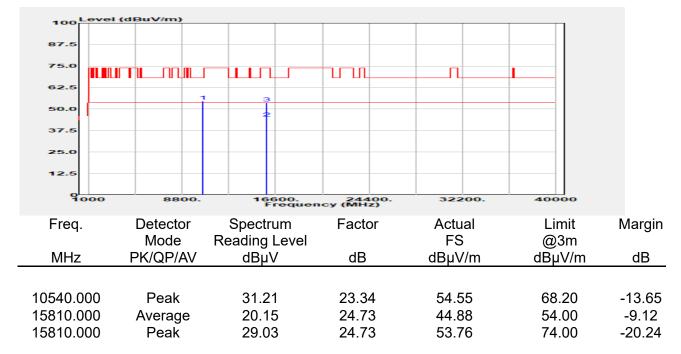
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-05-03
Test Frequency	:5230 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



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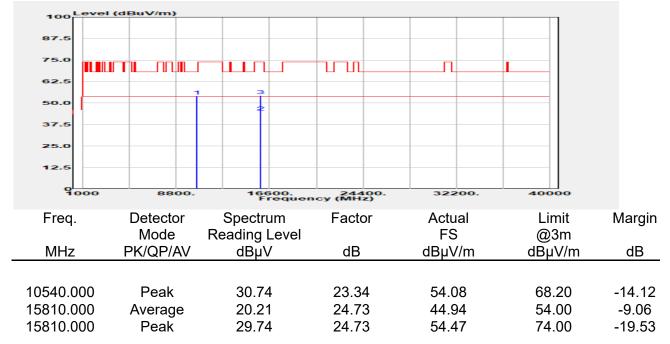
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 2	Test Date	:2021-05-03
Test Frequency	:5270 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 2	Test Date	:2021-05-03
Test Frequency	:5270 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



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:966 Chamber C

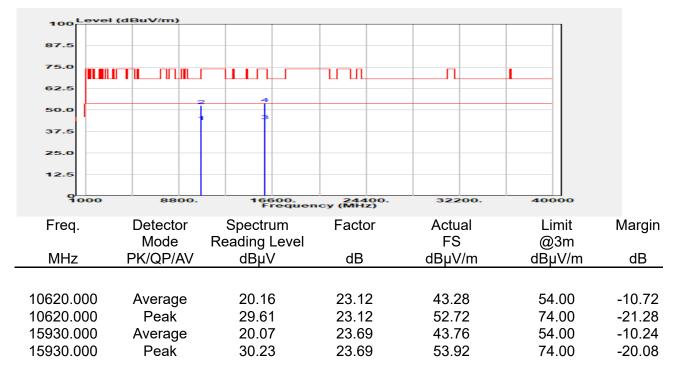
:2021-05-03

:Enzo Chang

:22.7/66 :Vertical



Report Number	:E2/2021/30019	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	:E2 Plane	Engineer



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SGS Taiwan Ltd

:966 Chamber C

:2021-05-03

:22.7/66 :Horizontal :Enzo Chang



Report Number	:E2/2021/30019	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	:E2 Plane	Engineer

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
50.0						
37.5						
25.0						
12.5						
9 000	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
10620.000	Average	20.17	23.12	43.29	54.00	-10.71
10620.000	Peak	29.50	23.12	52.62	74.00	-21.38
15930.000	Average	20.19	23.69	43.88	54.00	-10.12
15930.000	Peak	28.69	23.69	52.38	74.00	-21.62



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-05-03
Test Frequency	:5510 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

00
nit Margin
m
//m dB
-9.36
00 -18.38
20 -13.48



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-05-03
Test Frequency	:5510 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

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	20.13 30.24 28.97	24.56 24.56 26.08	44.69 54.79 55.05	54.00 74.00 68.20	-9.31 -19.21 -13.15

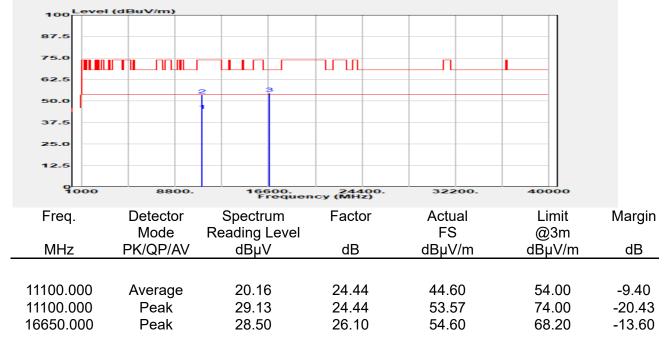


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-05-03
Test Frequency	:5550 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5						
50.0						
37.5						
25.0						
12.5						
9000	8800.	16600. Frequen	24400.	32200.	40000	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	0
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11100.000	Average	20.09	24.44	44.53	54.00	-9.47
11100.000	Peak	29.59	24.44	54.03	74.00	-19.97
16650.000	Peak	29.67	26.10	55.77	68.20	-12.43



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-05-03
Test Frequency	:5550 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH MID	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang





Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-05-03
Test Frequency	:5670 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

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	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
11340.000	Average	20.04	23.71	43.75	54.00	-10.25
11340.000 11340.000	Average Peak	20.04 29.40	23.71 23.71	43.75 53.11	54.00 74.00	-10.25 -20.89

С



Report Number	:E2/2021/30019	Test Site	:966 Chamber
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-05-03
Test Frequency	:5670 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang
Level (d)	BuV/m)		

100 Level	(dBuV/m)					
87.5						
75.0						
62.5		2 1				
50.0						
37.5						
25.0						
12.5						
1000	8800.	16600. Frequer	24400. ncy (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	20.19	23.71	43.90	54.00	-10.10
11340.000	Peak	29.63	23.71	53.34	74.00	-20.66
17010.000	Peak	30.51	27.03	57.54	68.20	-10.66
11010.000	, our	00.01	27.00	07.04	00.20	.0.00

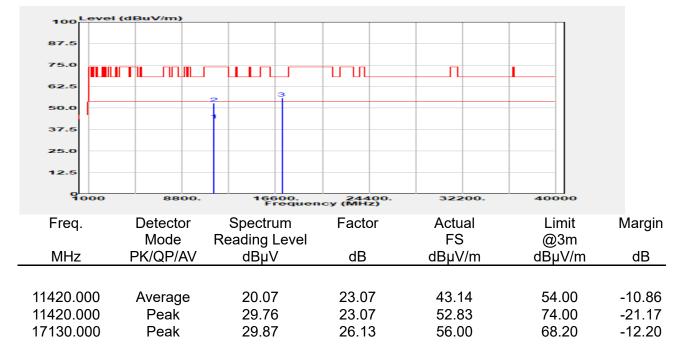


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3-4	Test Date	:2021-05-03
Test Frequency	:5710 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH 142	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
75.0					1	
62.5		2 3				
50.0		4				
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
11420.000	Average	20.05	23.07	43.12	54.00	-10.88
11420.000	Peak	29.69	23.07	52.76	74.00	-21.24
17130.000	Peak	30.33	26.13	56.45	68.20	-11.75



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 3-4	Test Date	:2021-05-03
Test Frequency	:5710 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH 142	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



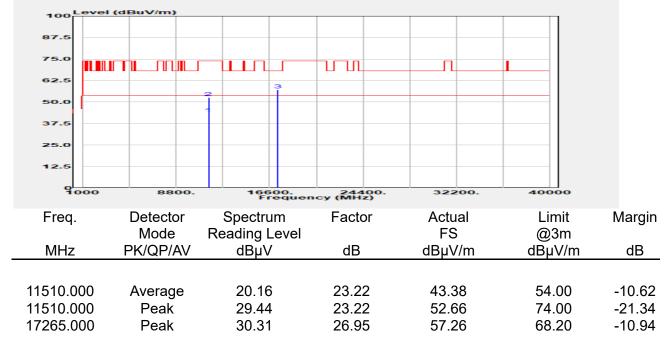


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-05-03
Test Frequency	:5755 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
75.0						
62.5		2 3				
50.0						
37.5						
25.0						
12.5						
9000	8800.	16600. Frequen	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
11510.000	Average	20.14	23.22	43.36	54.00	-10.64
11510.000	Peak	29.24	23.22	52.47	74.00	-21.53
17265.000	Peak	29.60	26.95	56.54	68.20	-11.66



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-05-03
Test Frequency	:5755 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製

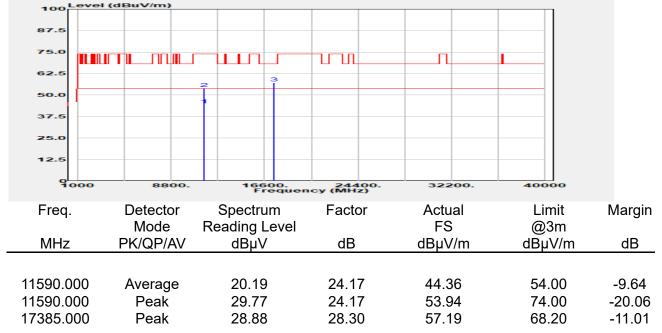


Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-05-03
Test Frequency	:5795 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

100 Level	(dBuV/m)					
87.5						
07.5						
75.0				Π		
62.5		2 1				
50.0		1				
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
11590.000	Average	20.16	24.17	44.33	54.00	-9.67
11590.000	Peak	30.64	24.17	54.81	74.00	-19.19
17385.000	Peak	30.69	28.30	58.99	68.20	-9.21
	. sur	22.00	_0.00	22.00	00.20	



Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 4	Test Date	:2021-05-03
Test Frequency	:5795 MHz	Temp./Humi.	:22.7/66
Test Mode	:TX CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



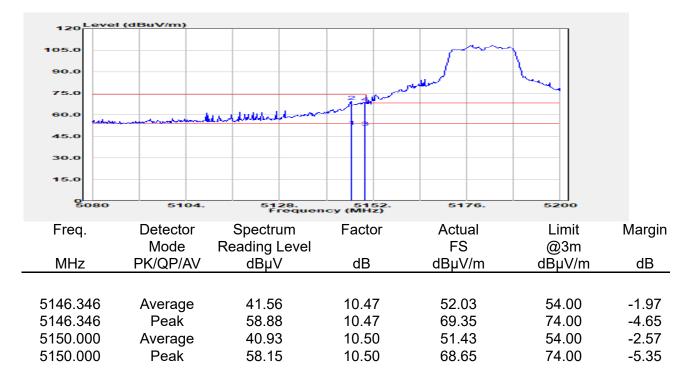
Report No.: E2/2021/30020 Page: 228 of 301



11.7.8 Band edge falling to restricted band

11.7.9 Monopole Ant.

Report Number	:E2/2021/30019	Test Site	:SAC C
Operation Mode	:802.11a / Band 1	Test Date	:2021-08-11
Test Frequency	:5180 MHz	Temp./Humi.	:22.8/56
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / I :5180 MHz :BE CH LO :E1 Plane	Band 1	-	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2021-08-11 :22.8/56 :Horizontal :Enzo Chang	
120 105.0 90.0 75.0 60.0 45.0 30.0 15.0	IBuV/m)	un allahulus hadaan				
5080	5104.	5128. Frequen	5152. cy (MHz)	5176.	5200	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5145.769 5145.769 5150.000 5150.000	Average Peak Average Peak	38.45 57.91 40.43 56.96	10.47 10.47 10.50 10.50	48.92 68.37 50.93 67.46	54.00 74.00 54.00 74.00	-5.08 -5.63 -3.07 -6.54

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:802.11a / B :5320 MHz	Band 2		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2021-08-11 :22.8/56 :Vertical :Enzo Chang	
BuV/m)	5358.	5382.	5406.		
Detector Mode F	Spectrum	Factor	Actual FS	Limit @3m	Margin
PK/QP/AV	dBµV	dB		-	dB
Average Peak Average Peak	40.65 57.72 40.55 58 58	11.54 11.54 11.55 11.55	52.19 69.26 52.10 70.13	54.00 74.00 54.00 74.00	-1.81 -4.74 -1.90 -3.87
	:802.11a / E :5320 MHz :BE CH HIG :E1 Plane	:BE CH HIGH :E1 Plane	:802.11a / Band 2 :5320 MHz :BE CH HIGH :E1 Plane	isouries in the second	 Band 2 Band 2 Band 2 Test Date :2021-08-11 S320 MHz Temp./Humi. :22.8/56 Antenna Pol. :Vertical Engineer :Enzo Chang

·SAC C



·E2/2021/20010

Penart Number

Report Number	:E2/2021/3	30019	I	est Site	:SAC C	
Operation Mode	:802.11a /	Band 2	Т	est Date	:2021-08-11	
Test Frequency	:5320 MH:	Z	Т	emp./Humi.	:22.8/56	
Test Mode	:BE CH H	IGH	A	ntenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		E	Ingineer	:Enzo Chang	
120 Level (d) 105.0 90.0 75.0 60.0 45.0 30.0	BuV/m)					
5310	5334.	5358. Frequen	5382.	5406.	5430	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5350.000	Average	37.96	11.54	49.50	54.00	-4.50
5350.000	Peak	54.76	11.54	66.30	74.00	-7.70
5350.769	Average	38.33	11.54	49.87	54.00	-4.13
5350.769	Peak	56.26	11.54	67.81	74.00	-6.19

Test Site

SGS Taiwan Ltd.

·SAC C



·E2/2021/20010

Penart Number

Report Number	:E2/2021/3	30019		lest Site	SAC C	
Operation Mode	:802.11a /	Band 3	7	Test Date	:2021-08-11	
Test Frequency	:5500 MHz	Z	7	Гетр./Humi.	:22.8/56	
Test Mode	:BE CH LC	W	ŀ	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Enzo Chang	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0	BuV/m)			An and a second		
5390	5414.	5438. Frequen	5462. cy (MHz)	5486.	5510	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5460.000 5460.000 5466.154	Average Peak Peak	35.25 51.07 55.09	11.66 11.66 11.71	46.91 62.73 66.79	54.00 74.00 68.20	-7.09 -11.27 -1.41
5470.000	Peak	54.96	11.73	66.69	68.20	-1.51

Test Site



Report Number Operation Mode Test Frequency Test Mode	:E2/2021/ :802.11a / :5500 MH :BE CH L0	Band 3 z		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC C :2021-08-11 :22.8/56 :Horizontal	
EUT Pol	:E1 Plane			Engineer	:Enzo Chang	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0	BuV/m)			Server and a server of the ser		
5390	5414.	5438. Frequen	5462. cy (MHz)	. 5486.	5510	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5459.615 5459.615 5460.000 5460.000 5467.692	Average Peak Average Peak Peak	34.43 49.95 34.39 49.74 53.81	11.68 11.68 11.66 11.66 11.72	46.11 61.64 46.05 61.41 65.53	54.00 74.00 54.00 74.00 68.20	-7.89 -12.36 -7.95 -12.59 -2.67
5470.000	Peak	51.65	11.73	63.38	68.20	-4.82

SAC C



·E2/2021/30010

Report Number

Report Number	:E2/2021/30	019		Test Sile	SAUC	
Operation Mode	:802.11a / Ba	and 3		Test Date	:2021-08-11	
Test Frequency	:5700 MHz			Temp./Humi.	:22.8/56	
Test Mode	:BE CH HIG	Н		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0	~					
90.0	$ \rangle - \rangle$					
75.0	have	2				
60.0		armanna ma	monnorte	Management and		
45.0						
30.0						
15.0						
0 5690	5714.	5738. Frequen	5762 cy (MHz)	. 5786	5810	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		leading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5725.000	Peak	55.76	10.62	66.38	68.20	-1.82
5725.192	Peak	56.23	10.62	66.84	68.20	-1.36

Test Site

·SAC C



·E2/2021/20010

Penart Number

Report Number	:E2/2021/30	019		lest Site	SAC C	
Operation Mode	:802.11a / Ba	and 3		Test Date	:2021-08-11	
Test Frequency	:5700 MHz			Temp./Humi.	:22.8/56	
Test Mode	:BE CH HIG	Н		Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane			Engineer	:Enzo Chang	
				-	-	
120 Level (d	BuV/m)					
105.0	- man					
90.0	$\left \left \right\rangle \right $					
75.0	have	2				
60.0		Munan	~~~~~			
45.0						
30.0						
15.0						
9 5690	5714.	5738. Frequen	5762. cy (MHz)	5786.	5810	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
E72E 000	Deek	E2 00	10.60	64 64	69.00	2 50
5725.000	Peak	53.99	10.62	64.61	68.20	-3.59
5725.192	Peak	55.60	10.62	66.22	68.20	-1.98

Test Site



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / E :5745 MHz :BE CH LO :E1 Plane	Sand 4		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2021-08-11 :22.8/56 :Vertical :Enzo Chang	
160 Level (d) 140.0 120.0 100.0 80.0 60.0 40.0 20.0 5600	BuV/m)	5662.	5693. cy (MHz)	5724.	5755	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	-	dB
5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak	50.45 50.99 62.27 72.28	10.51 10.41 10.76 10.62	60.95 61.39 73.03 82.90	68.20 105.20 110.80 122.20	-7.25 -43.81 -37.77 -39.30



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/30 :802.11a / E :5745 MHz :BE CH LO :E1 Plane	and 4		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2021-08-11 :22.8/56 :Horizontal :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 95600	5631.	5662.	5693. cy (MHz)	2	5755	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode I PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak	48.32 48.64 59.84 69.15	10.51 10.41 10.76 10.62	58.83 59.04 70.61 79.78	68.20 105.20 110.80 122.20	-9.37 -46.16 -40.19 -42.42

·SAC C



·E2/2021/20010

Penart Number

Report Number	:E2/2021/3	30019	le	st Site	:SAC C	
Operation Mode	:802.11a /	Band 4	Te	st Date	:2021-08-11	
Test Frequency	:5825 MH	Z	Те	mp./Humi.	:22.8/56	
Test Mode	:BE CH H	IGH	An	tenna Pol.	:Vertical	
EUT Pol	:E1 Plane		En	gineer	:Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0						
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	•	dB
5850.000 5855.000	Peak Peak	61.86 59.99	11.31 11.61	73.17 71.60	122.20 110.80	-49.03 -39.20
5875.000 5925.000	Peak Peak	53.86 47.37	12.08 12.98	65.94 60.35	105.20 68.20	-39.26 -7.85
3923.000	I Can	47.57	12.30	00.55	00.20	-1.00

Test Site

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SAC C



·E2/2021/30010

Report Number

Report Number	:E2/2021/	30019	IE	est Sile	SAUC	
Operation Mode	:802.11a /	Band 4	Te	est Date	:2021-08-11	
Test Frequency	:5825 MH	Z	Te	emp./Humi.	:22.8/56	
Test Mode	:BE CH H	IGH	A	ntenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		E	ngineer	:Enzo Chang	
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	Peak Peak Book	60.77 59.16	11.31 11.61	72.07 70.77 63.40	122.20 110.80	-50.13 -40.03
5875.000 5925.000	Peak Peak	51.32 47.98	12.08 12.98	63.40 60.96	105.20 68.20	-41.80 -7.24

Test Site

SGS Taiwan Ltd.

:SAC C



:E2/2021/30019

Report Number

		00010				
Operation Mode	:802.11n2	0 / Band 1	Te	est Date	:2021-08-11	
Test Frequency	:5180 MH	Z	Te	emp./Humi.	:22.1/59	
Test Mode	:BE CH LO	WC	A	ntenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	ngineer	:Enzo Chang	
120 Level (c	iBuV/m)					
105.0					~	
90.0						
75.0			- N	~ war	m	
60.0			~~~~			
45.0	magn an solar bland	and the second	13			
30.0						
15.0						
5080	5104.	5128. Frequen	5152. cy (MHz)	5176.	5200	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
				- / 00		a (a
5147.885	Average	41.42	10.48	51.90	54.00	-2.10
5147.885	Peak	60.82	10.48	71.31	74.00	-2.69
5150.000	Average Peak	42.05	10.50	52.55	54.00 74.00	-1.45
5150.000	Peak	60.38	10.50	70.88	74.00	-3.12

Test Site

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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11n2 :5180 MH: :BE CH L0 :E1 Plane	0 / Band 1 z	-	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2021-08-11 :22.1/59 :Horizontal :Enzo Chang	
105.0 90.0 75.0 60.0 45.0 30.0 15.0		A ALLAND AMARA				
5080	5104.	5128. Frequen	5152. cy (MHz)	5176.	5200	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5148.077 5148.077 5150.000 5150.000	Average Peak Average Peak	40.92 60.25 41.54 59.83	10.48 10.48 10.50 10.50	51.40 70.74 52.04 70.33	54.00 74.00 54.00 74.00	-2.60 -3.26 -1.96 -3.67

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·E2/2021/20010

Penart Number

Report Number	:E2/2021/3	30019	Ie	st Site	SAC C	
Operation Mode	:802.11n2	0 / Band 2	Te	st Date	:2021-08-11	
Test Frequency	:5320 MH	Z	Те	mp./Humi.	:22.1/59	
Test Mode	:BE CH H	IGH	Ar	ntenna Pol.	:Vertical	
EUT Pol	:E1 Plane		Er	ngineer	:Enzo Chang	
120 Level (d) 105.0 90.0 75.0 60.0 45.0 30.0 15.0	BuV/m)				holmonutur	
0 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	40.83 58.98	11.54 11.54	52.37 70.52	54.00 74.00	-1.63 -3.48
5350.961	Average	41.07	11.55	52.62	54.00	-1.38
5350.961	Peak	59.95	11.55	71.50	74.00	-2.50

Test Site

t (886-2) 2299-3279

SGS Taiwan Ltd.



·E2/2021/30010

Report Number

Operation Mode:802.11n20 / Band 2Test Date:2021-08-11Test Frequency:5320 MHzTemp./Humi.:22.1/59Test Mode:BE CH HIGHAntenna Pol.:HorizontalEUT Pol:E1 PlaneEngineer:Enzo Chang	
Test Mode :BE CH HIGH Antenna Pol. :Horizontal	
EUT Pol :E1 Plane Engineer :Enzo Chang	
120 Level (dBuV/m) 105.0	
0 5310 5334. 5358. 5382. 5406. 5430 Frequency (MHz)	
Freq. Detector Spectrum Factor Actual Limit Mode Reading Level FS @3m	Margin
	dB
MHz PK/QP/AV dBµV dB dBµV/m dBµV/m	uD
MHz PK/QP/AV dBμV dB dBμV/m dBμV/m 5350.000 Average 40.32 11.54 51.86 54.00	-2.14
MHz PK/QP/AV dBμV dB dBμV/m dBμV/m	

Test Site

t (886-2) 2299-3279



Report Number	:E2/2021/3	30019	٦	lest Site	:SAC C	
Operation Mode	:802.11n2	0 / Band 3	٦	lest Date	:2021-08-11	
Test Frequency	:5500 MH	Z	٦	ſemp./Humi.	:22.1/59	
Test Mode	:BE CH LO	WC	ŀ	Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane		E	Engineer	:Enzo Chang	
120 Level (d	lBuV/m)					
105.0					m	
90.0						
75.0				and		
60.0	man	man and a surger and a surger a	maniford			
45.0			1			
30.0						
15.0						
0 5390	5414.	5438. Frequen	5462. cy (MHz)	5486.	5510	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
			dD	dDµV/m	dDµV/m	<u>ub</u>
5460.000	Average	35.12	11.66	46.78	54.00	-7.22
5460.000	Peak	50.71	11.66	62.37	74.00	-11.63
5469.615	Peak	55.38	11.73	67.11	68.20	-1.09
5470.000	Peak	54.22	11.73	65.95	68.20	-2.25

t (886-2) 2299-3279



Report Number Operation Mode Test Frequency Test Mode	:E2/2021/30019 :802.11n20 / Band 3 :5500 MHz :BE CH LOW		Test Site Test Date Temp./Humi. Antenna Pol.	:SAC C :2021-08-11 :22.1/59 :Horizontal	
EUT Pol	:E1 Plane		Engineer	:Enzo Chang	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 9390		438. 5462. Frequency (MHz)	And 1		
Freq.	Detector Spect		Actual	Limit	Margin
	Mode Reading PK/QP/AV dBµ	j Level	FS dBµV/m	@3m dBµV/m	dB
5460.000 5460.000 5469.615 5470.000	Average34.6Peak49.7Peak53.8Peak52.3	1911.663411.73	46.34 60.85 65.57 64.12	54.00 74.00 68.20 68.20	-7.66 -13.15 -2.63 -4.08



Report Number :E2/2021/30019 Test Site :SAC C	
Operation Mode :802.11n20 / Band 3 Test Date :2021-08-11	
Test Frequency :5700 MHz Temp./Humi. :22.1/59	
Test Mode :BE CH HIGH Antenna Pol. :Vertical	
EUT Pol :E1 Plane Engineer :Enzo Chang	
120 Level (dBuV/m)	
105.0	
0.00	
75.0	
60.0	
45.0	
30.0	
15.0	
0 5690 5714. 5738. 5762. 5786. 5810 Frequency (MHz)	
Freq. Detector Spectrum Factor Actual Limit	Margin
Mode Reading Level FS @3m	
MHz PK/QP/AV dBμV dB dBμV/m dBμV/m	dB
5725.000 Peak 52.18 10.62 62.80 68.20	E 40
5725.000Peak52.1810.6262.8068.205729.231Peak53.6310.5064.1468.20	-5.40 -4.06



Report Number	:E2/2021/3	30019	-	Test Site	:SAC C	
Operation Mode	:802.11n2	0 / Band 3	-	Test Date	:2021-08-11	
Test Frequency	:5700 MH	Z	-	Temp./Humi.	:22.1/59	
Test Mode	:BE CH H	IGH	/	Antenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		I	Engineer	:Enzo Chang	
120 Level (dBuV/m)					
105.0						
90.0						
75.0	how					
60.0		Wangur wanne	manna	and an and a stand and a stand and a stand		
45.0						
30.0						
15.0						
5690	5714.	5738. Frequer	5762. icy (MHz)	5786.	5810	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		•			,	
5725.000	Peak	50.62	10.62	61.24	68.20	-6.96
5729.231	Peak	52.80	10.50	63.30	68.20	-4.90



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11n20 :5745 MHz :BE CH LO :E1 Plane) / Band 4		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2021-08-11 :22.1/59 :Vertical :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 95600						
	5631.	-	cy (MHZ)	5724.	5755	Margin
Freq. <u>MHz</u> 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	48.42 50.27 63.99 72.25	10.51 10.41 10.76 10.62	58.93 60.68 74.75 82.87	68.20 105.20 110.80 122.20	-9.27 -44.52 -36.05 -39.33



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11n2 :5745 MH :BE CH Lu :E1 Plane	0 / Band 4 z OW		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:SAC C :2021-08-11 :22.1/59 :Horizontal :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.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak	46.17 49.67 62.90 71.01	10.51 10.41 10.76 10.62	56.68 60.07 73.66 81.63	68.20 105.20 110.80 122.20	-11.52 -45.13 -37.14 -40.57



·E2/2021/30010

Report Number

Report Number	:E2/2021/.	30019	Ie	si Sile	SAUC	
Operation Mode	:802.11n2	0 / Band 4	Te	st Date	:2021-08-11	
Test Frequency	:5825 MH	Z	Te	mp./Humi.	:22.1/59	
Test Mode	:BE CH H	IGH	An	tenna Pol.	:Vertical	
EUT Pol	:E1 Plane		En	gineer	:Enzo Chang	
160 Level (d 140.0 120.0 100.0	BuV/m)					
80.0	h	м				
60.0		Jarman Brown	water a solar	nga	~~~~~	
40.0				_		
20.0						
05805	5839.	5873. Frequen	5907. cy (MHz)	5941	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/	m dB
5850.000 5855.000	Peak Peak Beak	61.91 57.61	11.31 11.61	73.22 69.21	122.2 110.8 105.2	0 -41.59
5875.000 5925.000	Peak Peak	51.81 45.95	12.08 12.98	63.89 58.93	105.20 68.20	

Test Site



Report Number	:E2/2021/	30019	Ţ	est Site	:SAC C	
Operation Mode	:802.11n2	0 / Band 4	Т	est Date	:2021-08-11	
Test Frequency	:5825 MH	Z	Т	emp./Humi.	:22.1/59	
Test Mode	:BE CH H	IGH	А	ntenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		E	ingineer	:Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 5805	BuV/m)	5873.	5907.	4	5975	
		Frequen	cy (MHz)	Astual	1 :	Manain
Freq. MHz I	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/	ı J
		I				
5850.000 5855.000	Peak Peak	61.86 57.37	11.31 11.61	73.17 68.98	122.2 110.8	0 -41.82
5875.000 5925.000	Peak Peak	50.71 46.51	12.08 12.98	62.79 59.50	105.2 68.20	

-2.84

74.00

:SAC C



:E2/2021/30019

Report Number

5150.000

•						
Operation Mode	:802.11n40	/ Band 1		Test Date	:2021-08-11	
Test Frequency	:5190 MHz			Temp./Humi.	:22.6/60	
Test Mode	:BE CH LO	W		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Enzo Chang	
120 Level (di	BuV/m)					
105.0					mm	
90.0						
75.0						
60.0	udhun han	unwanne				
45.0						
30.0						
15.0						
5080	5104.	5128. Frequen	5152. cy (MHZ)	5176.	5200	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5149.231	Average	42.09	10.49	52.58	54.00	-1.42
5149.231	Peak	61.15	10.49	71.64	74.00	-2.36
5150.000	Average	42.46	10.50	52.96	54.00	-1.04

Test Site

71.16

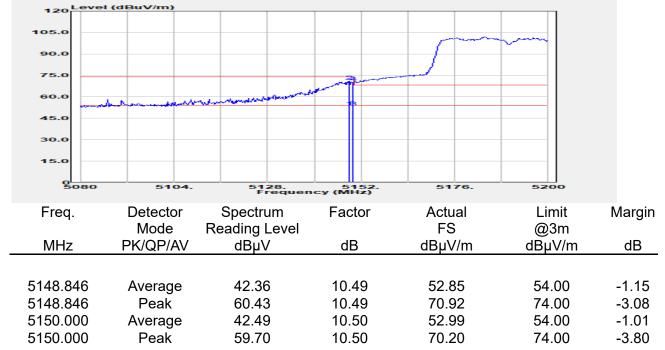
60.66

10.50

Peak



Report Number	:E2/2021/30019	Test Site	:SAC C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-08-11
Test Frequency	:5190 MHz	Temp./Humi.	:22.6/60
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E1 Plane	Engineer	:Enzo Chang



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Report Number	:E2/2021/3	0019	Te	est Site	:SAC C	
Operation Mode	:802.11n40) / Band 2	Te	Test Date :2		
Test Frequency	:5310 MHz		Te	emp./Humi.	:22.6/60	
Test Mode	:BE CH HI	GH	A	ntenna Pol.	:Vertical	
EUT Pol	:E1 Plane		Er	ngineer	:Enzo Chang	
120 Level (d	IBuV/m)					
105.0	many					
90.0	+					
75.0		man and an	- marca			
60.0				manne	when when when	
45.0						
30.0						
15.0						
9 5300	5324.	5348. Frequer	5372. ncy (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	n dB
5350.000	Average	40.81	11.54	52.35	54.00	-1.65
5350.000	Peak	60.39 30.67	11.54	71.93	74.00	-2.07
5350.577 5350.577	Average Peak	39.67 61.12	11.54 11.54	51.21 72.67	54.00 74.00	-2.79 -1.33
		• · · · =				



·E2/2021/20010

Penart Number

Report Number	:E2/2021/	30019	I	est Site	SAC C	
Operation Mode	:802.11n40 / Band 2			est Date	:2021-08-11	
Test Frequency	:5310 MH	Z	Т	emp./Humi.	:22.6/60	
Test Mode	:BE CH H	IGH	A	ntenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		E	Ingineer	:Enzo Chang	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
15.0						
5300	5324.	5348. Frequen	5372. icy (MHz)	5396.	5420	
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	40.61 58.47	11.54 11.54	52.15 70.01	54.00 74.00	-1.85 -3.99
5350.577	Average	40.42	11.54	51.96	54.00	-2.04
5350.577	Peak	59.23	11.54	70.77	74.00	-3.23

Test Site

:22.6/60

:Vertical

:2021-08-11

:Enzo Chang



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n40 / Band 3	Test Date
Test Frequency	:5510 MHz	Temp./Humi.
Test Mode	:BE CH LOW	Antenna Pol.
EUT Pol	:E1 Plane	Engineer

120 Level	(dBuV/m)					
105.0					· ····	
90.0				- (
75.0						
60.0	man manhan	-	and Barbarrow			
45.0			3			
30.0						
15.0						
9 5400	5424.	5448.	5472.	5496.	5520	
		Frequen	cy (MHz)			
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5452.308	Average	36.72	12.07	48.79	54.00	-5.21
5452.308	Peak	49.69	12.07	61.75	74.00	-12.25
5460.000	Average	36.23	11.66	47.89	54.00	-6.11
5460.000	Peak	45.72	11.66	57.39	74.00	-16.61
5469.423	Peak	51.23	11.73	62.96	68.20	-5.24
5470.000	Peak	50.05	11.73	61.79	68.20	-6.41
5470.000	i car	50.05	11.75	01.79	00.20	-0.41

:22.6/60 :Horizontal :Enzo Chang

:2021-08-11



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n40 / Band 3	Test Date
Test Frequency	:5510 MHz	Temp./Humi.
Test Mode	:BE CH LOW	Antenna Pol.
EUT Pol	:E1 Plane	Engineer

120 Level	(dBuV/m)					
120						
105.0				min	- m	
90.0					<u> </u>	
75.0			1			
60.0	and we also we have	met	and the second			
45.0			3			
30.0						
15.0						
9 5400	5424.	5448.	5472. cy (MHz)	5496.	5520	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5448.077	Average	34.27	12.14	46.41	54.00	-7.59
5448.077	Peak	46.72	12.14	58.86	74.00	-15.14
5460.000	Average	34.06	11.66	45.72	54.00	-8.28
5460.000	Peak	45.06	11.66	56.72	74.00	-17.28
5469.808	Peak	50.91	11.73	62.64	68.20	-5.56
5470.000	Peak	49.64	11.73	61.37	68.20	-6.83
0110.000	i oun	10.04	11.70	01.07	00.20	0.00

SGS Taiwan Ltd.



·E2/2021/20010

Penart Number

Report Number	:E2/2021/300	J19		lest Site	SAC C	
Operation Mode	:802.11n40 /	Band 3		Test Date	:2021-08-11	
Test Frequency	:5670 MHz			Temp./Humi.	:22.6/60	
Test Mode	:BE CH HIGI	н		Antenna Pol.	:Vertical	
EUT Pol	:E1 Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0						
90.0	+					
75.0		- mar				
60.0		and the second s	าารีการจึง	morannen	marenen	
45.0						
30.0						
15.0						
9 5660	5684.	5708.	5732. cy (MHz)	. 5756.	5780	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
TTCq.		eading Level		FS	@3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	0	dB
5725.000	Peak	50.88	10.62	61.51	68.20	-6.69
5733.461	Peak	52.07	10.52	62.59	68.20	-5.61

Test Site



Report Number	:E2/2021/300 ⁻	19			Test	Site	:SA	AC C	
Operation Mode	:802.11n40 / E	Band 3			Test	Date	:20	21-08-11	
Test Frequency	:5670 MHz				Tem	p./Humi	. :22	2.6/60	
Test Mode	:BE CH HIGH				Ante	enna Pol	l. :Ho	orizontal	
EUT Pol	:E1 Plane				Eng	ineer	:Er	nzo Chang	
120 Level (d	BuV/m)							1	
105.0									
90.0									
75.0		mana							
60.0			mai		man	min	make	amount	
45.0									
30.0									
15.0									
0 5660	5684.	5708. Frequen	су (М	732. HZ)	-	575	6.	5780	
Freq.		Spectrum ading Level	Fa	ctor		Actua FS	al	Limit @3m	
MHz	PK/QP/AV	dBµV	d	IB		dBµV/	'n	dBµV/r	
5725.000	Peak Peak	49.60		.62		60.22 61.40		68.20	
5728.654	геак	50.88	10	.52		01.40	J	68.20	-6.80



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11n40 :5755 MHz :BE CH LC :E1 Plane) / Band 4	т Т А	est Site est Date emp./Humi. ntenna Pol. ingineer	:SAC C :2021-08-11 :22.6/60 :Vertical :Enzo Chang	
160 Level (d) 140.0 120.0 100.0 80.0 60.0 40.0 20.0 5600	Bu√/m)	5666. Frequen	5699. cy (MHz)		5765	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5600.793 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak	52.96 47.53 56.56 68.65 69.92	11.30 10.51 10.41 10.76 10.62	64.27 58.03 66.97 79.41 80.54	68.20 68.20 105.20 110.80 122.20	-3.93 -10.17 -38.23 -31.39 -41.66



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11n4 :5755 MH :BE CH L :E1 Plane	0 / Band 4 z OW	Te Te Ar	est Site est Date emp./Humi. ntenna Pol. ngineer	:SAC C :2021-08-11 :22.6/60 :Horizontal :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 9600	1BuV/m)	1 5666. Frequen	5699. cy (MHz)	5732	5765	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5643.101 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak Peak	50.88 46.84 55.28 67.48 68.52	10.62 10.51 10.41 10.76 10.62	61.50 57.34 65.69 78.24 79.14	68.20 68.20 105.20 110.80 122.20	-6.70 -10.86 -39.51 -32.56 -43.06



·E2/2021/20010

Penart Number

Report Number	:E2/2021/3			est Site	SAC C	
Operation Mode	:802.11n4	0 / Band 4	Te	est Date	:2021-08-11	
Test Frequency	:5795 MH	Z	Te	emp./Humi.	:22.6/60	
Test Mode	:BE CH H	IGH	Aı	ntenna Pol.	:Vertical	
EUT Pol	:E1 Plane		Eı	ngineer	:Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0	BuV/m)					
60.0 40.0 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 5855.000 5875.000	Peak Peak Peak	54.37 56.74 51.93	11.31 11.61 12.08	65.68 68.35 64.01	122.20 110.80 105.20	-56.52 -42.45 -41.19
5925.000	Peak	46.75	12.98	59.73	68.20	-8.47

Test Site



·E2/2021/30010

Report Number

Report Number	:E2/2021/	30019	Ie	st Sile	SAUL	
Operation Mode	:802.11n4	0 / Band 4	Те	st Date	:2021-08-11	
Test Frequency	:5795 MH	Z	Те	mp./Humi.	:22.6/60	
Test Mode	:BE CH H	IGH	Ar	ntenna Pol.	:Horizontal	
EUT Pol	:E1 Plane		Er	ngineer	:Enzo Chang	
140.0 120.0 100.0	BuV/m)					
80.0	m	m with for and				
60.0 40.0 20.0						
0 5785	5823.	5861. Frequen	5899. icy (MHz)	5937.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	0	dB
5850.000 5855.000 5875.000	Peak Peak Peak	55.01 55.73 50.69	11.31 11.61 12.08	66.32 67.34 62.77	122.20 110.80 105.20	-55.88 -43.46 -42.43
5925.000	Peak	46.10	12.98	59.08	68.20	-42.43

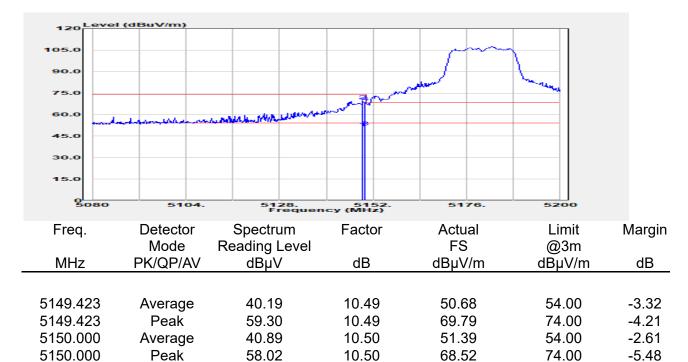
Test Site



11.7.10 **Dipole Ant.**

Report Number	:E2/2021/30019
Operation Mode	:802.11a / Band 1
Test Frequency	:5180 MHz
Test Mode	:BE CH LOW
EUT Pol	:E2 Plane

Test Site	:966 Chamber C
Test Date	:2021-04-29
Temp./Humi.	:21.2/63
Antenna Pol.	:Vertical
Engineer	:Enzo Chang



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Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / E :5180 MHz :BE CH LO :E2 Plane	Band 1		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.2/63 :Horizontal :Enzo Chang	
120 Level (d) 105.0	BuV/m)	her hur bur her				
5080	5104.	5128. Frequen	5152. cy (MHz)	5176.	5200	
Freq. MHz I	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5145.961 5145.961 5150.000 5150.000	Average Peak Average Peak	38.82 58.12 40.25 56.19	10.47 10.47 10.50 10.50	49.29 68.59 50.75 66.69	54.00 74.00 54.00 74.00	-4.71 -5.41 -3.25 -7.31



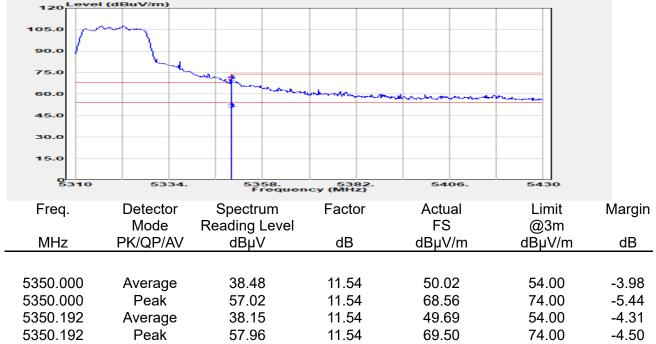
Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 2	Test Date	:2021-04-29
Test Frequency	:5320 MHz	Temp./Humi.	:21.2/63
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang
120 Level (d	BuV/m)		
105.0			
90.0			
75.0			
60.0		and a second second	monterest
45.0			
30.0			
15.0			

	5310	5334.	5358. Frequer	5382. icy (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	Average	38.50	11.54	50.04	54.00	-3.96
	5350.000	Peak	56.07	11.54	67.60	74.00	-6.40
	5350.192	Average	38.51	11.54	50.05	54.00	-3.95
	5350.192	Peak	57.76	11.54	69.30	74.00	-4.70



Report Number		:E2/2021/30019			Test	S
	Operation Mode	:802.11a / Band 2			Test	: C
	Test Frequency	:5320 MHz			Tem	p
Test Mode		:BE CH HIGH			Ante	en
	EUT Pol	:E2 Plane			Eng	in
	120 Level (d	BuV/m)				
	105.0	\sim				
	30.0	h h				

Test Site	:966 Chamber C
Test Date	:2021-04-29
Temp./Humi.	:21.2/63
Antenna Pol.	:Horizontal
Engineer	:Enzo Chang



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Report Number	:E2/2021/3	30019		Test Site	:966 Chamber C	;
Operation Mode	:802.11a /	Band 3		Test Date	:2021-04-29	
Test Frequency	:5500 MHz	2		Temp./Humi.	:21.2/63	
Test Mode	:BE CH LC	W		Antenna Pol.	:Vertical	
EUT Pol	:E2 Plane			Engineer	:Enzo Chang	
120 Level (d	lBuV/m)			1		
105.0						
90.0						
75.0			1	3 Martin Martin		
60.0 mitron	metermaterne	manne	min			
45.0						
30.0						
15.0						
5390	5414.	5438. Frequen	5462. cy (MHz)	5486.	5510	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
		4041	40			40
5460.000	Average	36.12	11.66	47.78	54.00	-6.22
5460.000	Peak	51.98	11.66	63.64	74.00	-10.36
5469.423	Peak	54.82	11.73	66.55	68.20	-1.65
5470.000	Peak	52.57	11.73	64.30	68.20	-3.90



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / I :5500 MHz :BE CH LO :E2 Plane	Band 3		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.2/63 :Horizontal :Enzo Chang	
120 Level (d 105.0 90.0 75.0 60.0 45.0 30.0 15.0 9390						
	5414.		5462. cy (MHz)	5486.	5510	
Freq. MHz F	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
		I		1	1	
5460.000 5460.000 5468.654 5470.000	Average Peak Peak Peak Peak	35.47 50.84 53.20 51.79	11.66 11.66 11.72 11.73	47.13 62.50 64.92 63.52	54.00 74.00 68.20 68.20	-6.87 -11.50 -3.28 -4.68

-1.37

68.20

:966 Chamber C



:E2/2021/30019

Report Number

5725.192

Peak

1					
Operation Mode	:802.11a / Band 3		Test Date	:2021-04-29	
Test Frequency	:5700 MHz		Temp./Humi.	:21.2/63	
Test Mode	:BE CH HIGH		Antenna Pol.	:Vertical	
EUT Pol	:E2 Plane		Engineer	:Enzo Chang	
120 Level (d	BuV/m)				
90.0					
75.0	have a				
60.0	- marca	mannen	and an approximately		
45.0					
30.0					
15.0					
0 5690	5714.	5738. 5762 Frequency (MHz)	2. 5786.	5810	
Freq.		ctrum Factor ng Level	Actual FS	Limit @3m	Margin
MHz		BµV dB	dBµV/m	<u> </u>	dB
5725.000	Peak 55	5.17 10.62	65.80	68.20	-2.40

10.62

66.83

Test Site

56.22

-1.41

68.20

:966 Chamber C



:E2/2021/30019

Report Number

5725.577

Peak

•					
Operation Mode	:802.11a / Band 3	Tes	st Date :	2021-04-29	
Test Frequency	:5700 MHz	Tei	mp./Humi. :	21.2/63	
Test Mode	:BE CH HIGH	An	tenna Pol. :	Horizontal	
EUT Pol	:E2 Plane	En	gineer :	Enzo Chang	
120 Level (d	BuV/m)				
105.0					
90.0					
75.0					
60.0	manderand	massim	hater many and	mananothe	
45.0					
30.0					
15.0					
5690	5714. 5738. Freq	5762. uency (MHz)	5786.	5810	
Freq.	Detector Spectrum	Factor	Actual	Limit	Margin
	Mode Reading Leve		FS	@3m	· ·
MHz	PK/QP/AV dBµV	dB	dBµV/m	dBµV/m	dB
5725.000	Peak 54.91	10.62	65.53	68.20	-2.67

10.60

66.79

Test Site

56.18



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / :5745 MHz :BE CH LC :E2 Plane	Band 4	Te Te Ar	est Date emp./Humi. ntenna Pol.	:966 Chamber C :2021-04-29 :21.2/63 :Vertical :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 5600	Bu√/m)	5662.	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
5633.037 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak	50.09 48.58 52.55 61.76 71.11	10.84 10.51 10.41 10.76 10.62	60.93 59.08 62.96 72.52 81.74	68.20 68.20 105.20 110.80 122.20	-7.27 -9.12 -42.24 -38.28 -40.46



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11a / :5745 MHz :BE CH LC :E2 Plane	Band 4	- - /	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.2/63 :Horizontal :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 5600	BuV/m)	1 2	5693.	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
5644.463 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak	51.59 50.18 52.87 62.56 72.20	10.59 10.51 10.41 10.76 10.62	62.19 60.69 63.28 73.33 82.82	68.20 68.20 105.20 110.80 122.20	-6.01 -7.51 -41.92 -37.47 -39.38



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5825 MH :BE CH H :E2 Plane	Band 4 z IGH		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.2/63 :Vertical :Enzo Chang	;
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0						
Freq.	5839. Detector	Spectrum	Factor	Actual	Limit	Margin
·	Mode	Reading Level		FS	@3m	-
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5850.000 5855.000 5875.000 5925.000 5953.750	Peak Peak Peak Peak Peak	62.65 61.53 53.85 49.00 49.97	11.31 11.61 12.08 12.98 13.15	73.96 73.14 65.93 61.99 63.12	122.20 110.80 105.20 68.20 68.20	-48.24 -37.66 -39.27 -6.21 -5.08



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11a / :5825 MH :BE CH H :E2 Plane	' Band 4 z IGH	ר ר ק	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.2/63 :Horizontal :Enzo Chang	;
140.0 120.0 100.0 80.0 60.0 40.0 20.0						
5805	5839.	5873. Frequer		5941.		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	0	dB
5850.000 5855.000 5875.000 5925.000 5927.596	Peak Peak Peak Peak Peak Peak	64.09 62.98 55.75 51.15 51.49	11.31 11.61 12.08 12.98 13.09	75.40 74.59 67.83 64.13 64.57	122.20 110.80 105.20 68.20 68.20	-46.80 -36.21 -37.37 -4.07 -3.63

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:E2/2021/30019

Report Number

Report Humbol		50015	I.			
Operation Mode	:802.11n2	0 / Band 1	Т	est Date	:2021-04-29	
Test Frequency	:5180 MH	Z	Т	emp./Humi.	:21.4/61	
Test Mode	:BE CH LO	WC	A	Antenna Pol.	:Vertical	
EUT Pol	:E2 Plane		E	Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0					~	
90.0						
75.0				mar and a second	~~	
60.0		un halle the second	~1~			
45.0	an a					
30.0						
15.0						
5080	5104.			5176.		
5080			5152. icy (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			<u></u>
5147.692	Average	40.99	10.48	51.47	54.00	-2.53
5147.692	Peak	60.68	10.48	71.16	74.00	-2.84
5150.000	Average	41.96	10.50	52.46	54.00	-1.54
5150.000	Peak	60.41	10.50	70.90	74.00	-3.10

Test Site



:E2/2021/30019

Report Number

Report Number	. 2/2021/0	00019				
Operation Mode	:802.11n20) / Band 1		Test Date	:2021-04-29	
Test Frequency	:5180 MHz	2		Temp./Humi.	:21.4/61	
Test Mode	:BE CH LC	W		Antenna Pol.	:Horizontal	
EUT Pol	:E2 Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0					~	
90.0						
75.0				and a	m	
			~7			
60.0	- and the second and the second	mundershow				
45.0						
30.0						
15.0						
05080	5104.	5128.	5152. cy (MHz)	5176.	5200	
				A ()		
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
		dBµv	40	dDpt/m	dbµv/m	40
5148.077	Average	40.41	10.48	50.89	54.00	-3.11
5148.077	Peak	59.72	10.48	70.20	74.00	-3.80
5150.000	Average	41.69	10.50	52.19	54.00	-1.81
5150.000	Peak	59.49	10.50	69.99	74.00	-4.01

Test Site

-2.92

74.00

:966 Chamber C



:E2/2021/30019

Peak

Report Number

5350.000

•		-				
Operation Mode	:802.11n20 / B	and 2		Test Date	:2021-04-29	
Test Frequency	:5320 MHz			Temp./Humi.	:21.4/61	
Test Mode	:BE CH HIGH			Antenna Pol.	:Vertical	
EUT Pol	:E2 Plane			Engineer	:Enzo Chang	
120 Level (di	BuV/m)					
105.0	~					
90.0						
75.0	- monor	Frank .				
60.0			manner	monum	momentures	
45.0						
30.0						
15.0						
0 5310	5334.	5358. Frequen	5382. cy (MHz)	5406.	5430	
Freq.		Spectrum ading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	0	dB
5350.000	Average	40.81	11.54	52.35	54.00	-1.65

11.54

Test Site

71.08

59.55



Report Number	:E2/2021/3	30019	7	Test Site	:966 Chamber C	
Operation Mode	:802.11n2	0 / Band 2	7	Test Date	:2021-04-29	
Test Frequency	:5320 MH	Z	٦	Temp./Humi.	:21.4/61	
Test Mode	:BE CH H	IGH	ŀ	Antenna Pol.	:Horizontal	
EUT Pol	:E2 Plane		E	Engineer	:Enzo Chang	
120 Level (d	lBuV/m)					
105.0	\frown					
90.0	- the					
75.0		many and				
60.0			mulan	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	montion	
45.0						
30.0						
15.0						
0 5310	5334.	5358. Frequen	5382. cy (MHz)	5406.	5430	
Freq.	Detector Mode	Spectrum Booding Lovel	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	Reading Level dBµV	dB	dBµV/m	@3m dBµV/m	dB
5350.000	Average	40.89	11.54	52.43	54.00	-1.57
5350.000	Peak	59.40	11.54	70.93	74.00	-3.07
5350.961 5350.961	Average Peak	40.59 60.74	11.55 11.55	52.14 72.29	54.00 74.00	-1.86 -1.71
3330.901	i car	00.74	11.00	12.29	74.00	-1.71



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11n2 :5500 MH :BE CH Lu :E2 Plane	0 / Band 3 z OW		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.4/61 :Vertical :Enzo Chang	;
120 Level (0 105.0 90.0 75.0 60.0 45.0 30.0 15.0 9390	1Bu∨/m)	5438. Frequen	5462- 5462	5486.	5510	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level	Factor dB	Actual FS	Limit @3m dBµV/m	Margin dB
MITZ	FN/QF/AV	dBµV	uБ	dBµV/m	υσμν/π	uБ
5459.615 5459.615 5460.000 5460.000 5469.615 5470.000	Average Peak Average Peak Peak Peak	35.75 50.56 35.81 50.07 55.45 54.73	11.68 11.68 11.66 11.66 11.73 11.73	47.43 62.24 47.47 61.73 67.18 66.46	54.00 74.00 54.00 74.00 68.20 68.20	-6.57 -11.76 -6.53 -12.27 -1.02 -1.74

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:E2/2021/30019

Report Number

Report Number	.EZ/2021/	50019		Test one	.300 Chamber C	
Operation Mode	:802.11n20	0 / Band 3		Test Date	:2021-04-29	
Test Frequency	:5500 MHz	Z		Temp./Humi.	:21.4/61	
Test Mode	:BE CH LC	W		Antenna Pol.	:Horizontal	
EUT Pol	:E2 Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0						
90.0				/		
75.0				- and		
60.0	- marine	man man man		- Thur		
45.0			13			
30.0						
15.0						
0 5390	5414.	5438.	5462	5486.	5510	
		Frequen				
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level	٩D	FS	@3m	d٦
MHz I	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5455.577	Average	34.68	11.90	46.58	54.00	-7.42
5455.577	Peak	49.72	11.90	61.62	74.00	-12.38
5460.000	Average	35.18	11.66	46.84	54.00	-7.16
5460.000	Peak	49.90	11.66	61.56	74.00	-12.44
5469.808	Peak	54.96	11.73	66.69	68.20	-1.51
5470.000	Peak	54.70	11.73	66.43	68.20	-1.77

Test Site

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:E2/2021/30019

Report Number

Repert Ramber		10				
Operation Mode	:802.11n20 / E	Band 3		Test Date	:2021-04-29	
Test Frequency	:5700 MHz			Temp./Humi.	:21.4/61	
Test Mode	:BE CH HIGH			Antenna Pol.	:Vertical	
EUT Pol	:E2 Plane			Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0	~					
90.0						
75.0	have a					
60.0		- and man	man mederal			
45.0						
30.0						
15.0						
0L 5690	5714.	5738. Frequen	5762. cy (MHz)	. 5786.	5810	
Freq.		Spectrum	Factor	Actual	Limit	Margin
MHz	Mode Re PK/QP/AV	eading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
			40			
5725.000	Peak	53.12	10.62	63.74	68.20	-4.46
5728.846	Peak	54.50	10.51	65.01	68.20	-3.19

Test Site



·E2/2021/20010

Penart Number

9 5690	5714.	5738.	5762.	5786	. 5810
15.0					
30.0					
45.0					
60.0		and the second	manyan	and the second	-
75.0	han	2			
90.0					
105.0	\sim				
120 Level (dl	BuV/m)				
EUT Pol	:E2 Plane		E	ngineer	:Enzo Chang
Test Mode	:BE CH HIGH		A	ntenna Pol.	:Horizontal
Test Frequency	:5700 MHz		Te	emp./Humi.	:21.4/61
Operation Mode	:802.11n20 / E	Band 3		est Date	:2021-04-29
Report Number	:E2/2021/300	-	IX IX	est Sile	.900 Chambe

Test Site

5050	57 14.	Frequen	cy (MHz)	5760.	3810	
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	53.16	10.62	63.78	68.20	-4.42
5728.654	Peak	55.13	10.52	65.64	68.20	-2.56



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11n2 :5745 MH3 :BE CH L0 :E2 Plane	0 / Band 4 z	- - /	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.4/61 :Vertical :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 5600	BuV/m) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	5662.	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
5635.024 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak Peak	50.47 47.00 49.98 64.62 72.11	10.79 10.51 10.41 10.76 10.62	61.26 57.50 60.39 75.39 82.73	68.20 68.20 105.20 110.80 122.20	-6.94 -10.70 -44.81 -35.41 -39.47



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11n2 :5745 MH :BE CH L0 :E2 Plane	0 / Band 4 z OW		Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.4/61 :Horizontal :Enzo Chang	
160 Level (d) 140.0 120.0 100.0 80.0 60.0 40.0 20.0 8600	BuV/m)	5662. Frequen	5693. cy (MHz)	3 4 4 4	5755	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5638.005 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak	51.95 48.32 51.23 65.56 73.22	10.71 10.51 10.41 10.76 10.62	62.67 58.83 61.63 76.32 83.84	68.20 68.20 105.20 110.80 122.20	-5.53 -9.37 -43.57 -34.48 -38.36



·E2/2021/20010

Penart Number

Report Number	:E2/2021/	30019		lest Site	:966 Champer C	,
Operation Mode	:802.11n2	0 / Band 4	-	Test Date	:2021-04-29	
Test Frequency	:5825 MH	Z	-	Temp./Humi.	:21.4/61	
Test Mode	:BE CH H	IGH		Antenna Pol.	:Vertical	
EUT Pol	:E2 Plane		I	Engineer	:Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0						
0 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	62.79 58.65 53.27	11.31 11.61 12.08	74.10 70.26 65.35	122.20 110.80 105.20	-48.10 -40.54 -39.85
5925.000	Peak	49.65	12.98	62.64	68.20	-5.56

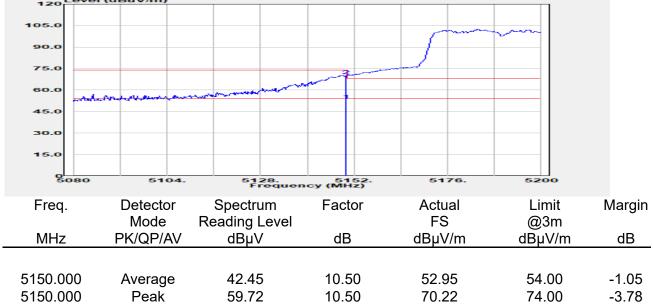
Test Site



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/ :802.11n2 :5825 MH :BE CH H :E2 Plane	0 / Band 4 z IGH	T T A	est Site est Date emp./Humi. ntenna Pol. Engineer	:966 Chamber C :2021-04-29 :21.4/61 :Horizontal :Enzo Chang	;
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 5805	5839.	5B73.	5907- 1cy (MH2)	5941.	5975	
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
5850.000 5855.000 5875.000 5925.000	Peak Peak Peak Peak	64.31 61.86 54.68 49.57	11.31 11.61 12.08 12.98	75.62 73.47 66.76 62.55	122.20 110.80 105.20 68.20	-46.58 -37.33 -38.44 -5.65



Report Number	:E2/2021/30019	Test Site	:966 Chamber C						
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-04-29						
Test Frequency	:5190 MHz	Temp./Humi.	:21.6/60						
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical						
EUT Pol	:E2 Plane	Engineer	:Enzo Chang						
120 Level (dBuV/m)									

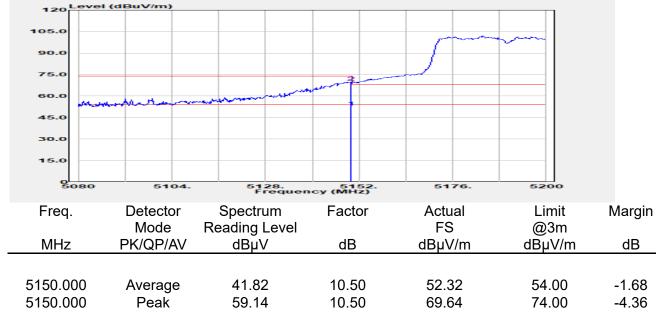


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Report Number	:E2/2021/30019	Test Site	:966 Chamber C
Operation Mode	:802.11n40 / Band 1	Test Date	:2021-04-29
Test Frequency	:5190 MHz	Temp./Humi.	:21.6/60
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Enzo Chang



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·E2/2021/20010

Penart Number

Report Number	:E2/2021/300	19		lest Site	:966 Champer C	
Operation Mode	:802.11n40 /	Band 2	-	Test Date	:2021-04-29	
Test Frequency	:5310 MHz		-	Temp./Humi.	:21.6/60	
Test Mode	:BE CH HIGF	ł	/	Antenna Pol.	:Vertical	
EUT Pol	:E2 Plane		E	Engineer	:Enzo Chang	
120 Level (d	BuV/m)					
105.0	many					
90.0	$ \rangle$					
75.0	<u> </u>	man				
60.0			a magana alara	mander	monutation	
45.0						
30.0						
15.0						
9 5300	5324.	5348. Frequen	5372. cy (MHz)	5396.	5420	
Freq.		Spectrum eading Level	Factor	Actual FS	Limit @3m	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	•	dB
5350.000	Average	41.25	11.54	52.79	54.00	-1.21
5350.000	Peak	59.08	11.54	70.62	74.00	-3.38
5350.385	Average	40.85	11.54	52.39	54.00	-1.61
5350.385	Peak	59.63	11.54	71.17	74.00	-2.83

Test Site



Report Number	:E2/2021/3001	9	Г	Test Site	:966 Chamber C	
Operation Mode	:802.11n40 / Ba	and 2	Г	lest Date	:2021-04-29	
Test Frequency	:5310 MHz		Г	ſemp./Humi.	:21.6/60	
Test Mode	:BE CH HIGH		A	Antenna Pol.	:Horizontal	
EUT Pol	:E2 Plane		E	Engineer	:Enzo Chang	
				-	-	
120 Level (d	lBuV/m)					
105.0	him					
90.0	+ $+$ $+$					
75.0		mant				
60.0		1 3		monounte	And the states	
45.0						
30.0						
15.0						
5300	5324.	5348. Frequenc	5372. cy (MHz)	5396.	5420	
Freq.		pectrum	Factor	Actual	Limit	Margin
MHz	Mode Rea PK/QP/AV	ding Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
			40			<u>40</u>
5350.000	Average	41.42	11.54	52.96	54.00	-1.04
5350.000	Peak	59.26	11.54	70.80	74.00	-3.20
5355.769	Average Peak	40.95	11.59	52.54	54.00	-1.46
5355.769	геак	61.02	11.59	72.61	74.00	-1.39

Chamber C



Report Number	:E2/2021/30019	Test Site	:966 Chambe
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-04-30
Test Frequency	:5510 MHz	Temp./Humi.	:21.7/59
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Enzo Chang

120 Level	(dBuV/m)					
120						
105.0				- mon	n anna	
90.0						
75.0						
60.0	manun	Mannahalth	and and and and			
45.0						
30.0						
15.0						
9 5400						
5400	5424.	5448. Frequer	5472. icy (MHz)	5496.	5520	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
·	Mode	Reading Level		FS	@3m	U
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
		•		•	•	
5457.692	Average	36.91	11.78	48.69	54.00	-5.31
5457.692	Peak	50.46	11.78	62.25	74.00	-11.75
5460.000	Average	37.81	11.66	49.47	54.00	-4.53
5460.000	Peak	47.14	11.66	58.80	74.00	-15.20
5470.000	Peak	52.73	11.73	64.46	68.20	-3.74

:2021-04-30

:21.7/59 :Horizontal :Enzo Chang



Report Number	:E2/2021/30019	Test Site
Operation Mode	:802.11n40 / Band 3	Test Date
Test Frequency	:5510 MHz	Temp./Humi.
Test Mode	:BE CH LOW	Antenna Pol.
EUT Pol	:E2 Plane	Engineer

120 Level	(dBuV/m)					
120						
105.0				m	m	
90.0						
75.0				-//		
60.0	2		and the second	- second		
- Andrew	enter de la constance	Las and the man and	3			
45.0						
30.0						
15.0						
0 5400						
5400	5424.	5448. Frequen	5472. icy (MHz)	5496.	5520	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5413.461	Average	35.28	11.90	47.18	54.00	-6.82
5413.461	Peak	47.96	11.90	59.86	74.00	-14.14
5460.000	Average	36.49	11.66	48.15	54.00	-5.85
5460.000	Peak	46.29	11.66	57.96	74.00	-16.04
5469.615	Peak	51.52	11.73	63.25	68.20	-4.95
5470.000	Peak	50.24	11.73	61.98	68.20	-6.22



:E2/2021/30019

Report Number

Report Number	.2/2021/30013	1651 6116		
Operation Mode	:802.11n40 / Band 3	Test Date	:2021-04-30	
Test Frequency	:5670 MHz	Temp./Humi	. :21.7/59	
Test Mode	:BE CH HIGH	Antenna Po	I. :Vertical	
EUT Pol	:E2 Plane	Engineer	:Enzo Chang	
120 Level (d	BuV/m)			
105.0				
90.0				
75.0	- Inmanana			
60.0		white man and and	mound	
45.0				
30.0				
15.0				
5660	5684. 5708. Frequer	5732. 575 icy (MHz)	6. 5780	
Freq.	Detector Spectrum	Factor Actua		Margin
MHz F	Mode Reading Level PK/QP/AV dBµV	FS dB dBµV/	@3m ′m dBµV/m	dB
	· •		1	
5725.000	Peak 52.20	10.62 62.82		-5.38
5728.654	Peak 54.08	10.52 64.5	9 68.20	-3.61

Test Site



Report Number	:E2/2021/30019	Tes	st Site :96	6 Chamber C	
Operation Mode	:802.11n40 / Band 3	Tes	st Date :20)21-04-30	
Test Frequency	:5670 MHz	Ter	mp./Humi. :21	.7/59	
Test Mode	:BE CH HIGH	Ant	tenna Pol. :He	orizontal	
EUT Pol	:E2 Plane	Enę	gineer :Er	nzo Chang	
120 Level (d	BuV/m)				
105.0					
90.0					
75.0	hanne	**** 2 Z			
60.0		- margaret	mark water hand the	nermen	
45.0					
30.0					
15.0					
5660	5684. 570 Fre	B. 5732. equency (MHz)	5756.	5780	
Freq.	Detector Spectrur		Actual FS	Limit	Margin
MHz	Mode Reading Le PK/QP/AV dBµV	dB	го dBµV/m	@3m dBµV/m	dB
				•	
5725.000	Peak 52.03	10.62	62.65	68.20	-5.55
5735.385	Peak 53.41	10.54	63.95	68.20	-4.25



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/3 :802.11n40 :5755 MHz :BE CH LO :E2 Plane	/ Band 4	Ti Ti A	est Site est Date emp./Humi. ntenna Pol. ingineer	:966 Chamber C :2021-04-30 :21.7/59 :Vertical :Enzo Chang	
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 95000	BuV/m)					
Freq.	Detector	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5610.577 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak	54.67 48.25 56.36 68.79 70.63	10.70 10.51 10.41 10.76 10.62	65.37 58.75 66.77 79.55 81.25	68.20 68.20 105.20 110.80 122.20	-2.83 -9.45 -38.43 -31.25 -40.95



Report Number Operation Mode Test Frequency Test Mode EUT Pol	:E2/2021/30 :802.11n40 :5755 MHz :BE CH LOV :E2 Plane	/ Band 4	- - -	Test Site Test Date Temp./Humi. Antenna Pol. Engineer	:966 Chamber (:2021-04-30 :21.7/59 :Horizontal :Enzo Chang	2
160 Level (d 140.0 120.0 100.0 80.0 60.0 40.0 20.0 95000	BuV/m)			5732	5765	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz F	Mode F PK/QP/AV	Reading Level dBµV	dB	FS dBµV/m	@3m dBµV/m	dB
5606.610 5650.000 5700.000 5720.000 5725.000	Peak Peak Peak Peak Peak	52.46 48.79 57.48 69.79 70.75	10.94 10.51 10.41 10.76 10.62	63.40 59.30 67.88 80.55 81.37	68.20 68.20 105.20 110.80 122.20	-4.80 -8.90 -37.32 -30.25 -40.83



·E2/2021/20010

Penart Number

Report Number	:E2/2021/3	30019	le	est Site	:966 Chamber C	,
Operation Mode	:802.11n40 / Band 4			est Date	:2021-04-30	
Test Frequency	:5795 MH	Z	Te	emp./Humi.	:21.7/59	
Test Mode	:BE CH H	IGH	A	ntenna Pol.	:Vertical	
EUT Pol	:E2 Plane		E	ngineer	:Enzo Chang	
160 Level (d	BuV/m)					
120.0						
80.0	mon					
60.0		hindunder	mannen	and the second	terran manufatur	
40.0						
20.0						
5785	5823.	5861. Frequen	5899. cy (MHz)	5937.	5975	
Freq.	Detector Mode	Spectrum Reading Level	Factor	Actual FS	Limit @3m	Margin
MHz I	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
5850.000	Peak	55.94	11.31	67.25	122.20	-54.95
5855.000	Peak	54.20	11.61	65.81	110.80	-44.99
5875.000	Peak	51.99	12.08	64.07	105.20	-41.13
5925.000	Peak	47.97	12.98	60.95	68.20	-7.25
5925.978	Peak	50.22	13.02	63.24	68.20	-4.96

Test Site



·E2/2021/20010

Penart Number

Report Number	:E2/2021/3	30019		lest Site	:966 Champer C	
Operation Mode	:802.11n40 / Band 4			Test Date	:2021-04-30	
Test Frequency	:5795 MHz	<u>Z</u>	٦	Temp./Humi.	:21.7/59	
Test Mode	:BE CH HI	IGH	ŀ	Antenna Pol.	:Horizontal	
EUT Pol	:E2 Plane		E	Engineer	:Enzo Chang	
160 Level (d	BuV/m)		1			
140.0						
120.0						
100.0	-					
80.0	Lunno	m.12				
60.0			- detertion ranes	un of the second	mar marker	
40.0						
20.0						
0 5785	5823.	5861. Frequen	5899. icy (MHz)	5937.	5975	
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz F	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
	D 1	F7 00	44.04	00.04	100.00	50.00
5850.000	Peak	57.63	11.31	68.94	122.20	-53.26
5855.000 5875.000	Peak Peak	59.28 54.48	11.61 12.08	70.89 66.56	110.80 105.20	-39.91 -38.64
5925.000	Peak	48.91	12.08	61.89	68.20	-36.04 -6.31
5929.631	Peak	52.13	12.90	65.29	68.20	-2.91
0020.001	i cuit	02.10	10.17	00.20	00.20	2.01

Test Site



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.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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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 as permanently attached and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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