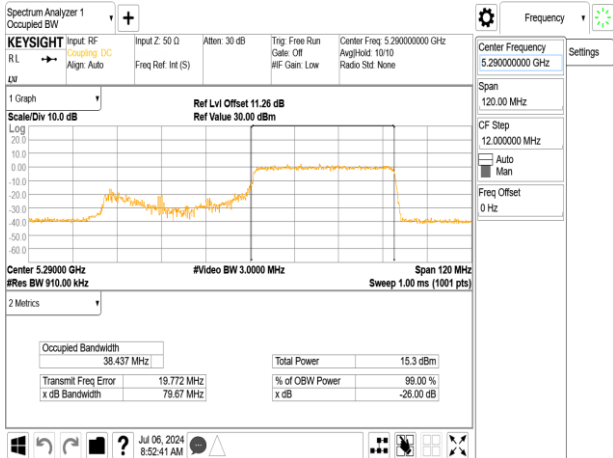
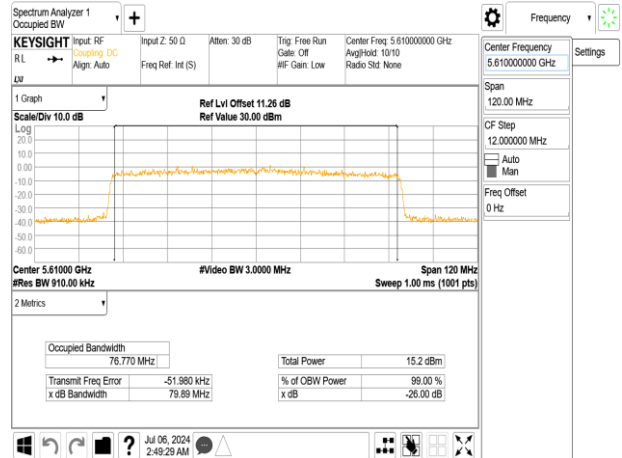


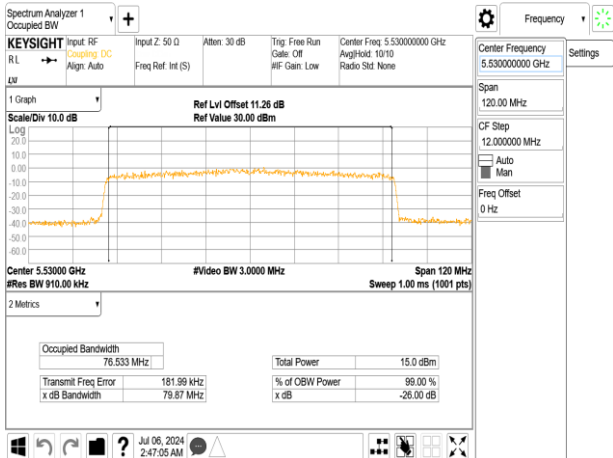
802.11ax_80MHz_Chain1_5290MHz_RU484_66



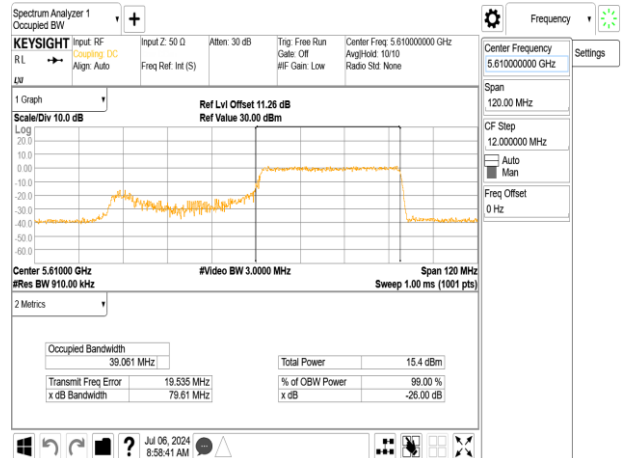
802.11ax_80MHz_Chain1_5610MHz



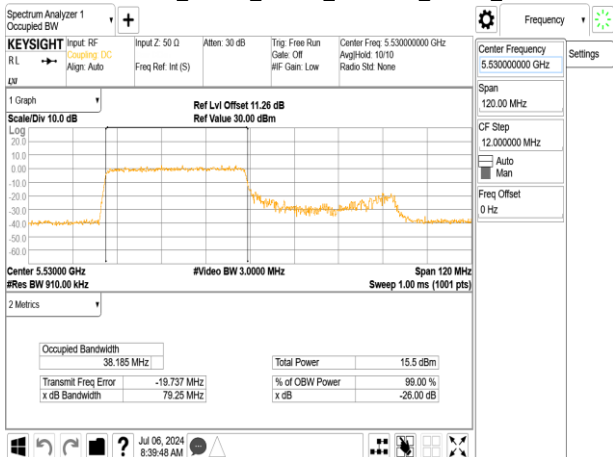
802.11ax_80MHz_Chain1_5530MHz



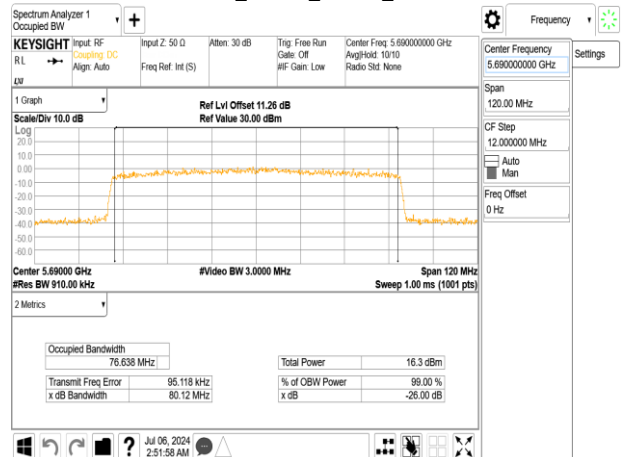
802.11ax_80MHz_Chain1_5610MHz_RU484_66



802.11ax_80MHz_Chain1_5530MHz_RU484_65



802.11ax_80MHz_Chain1_5690MHz



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.

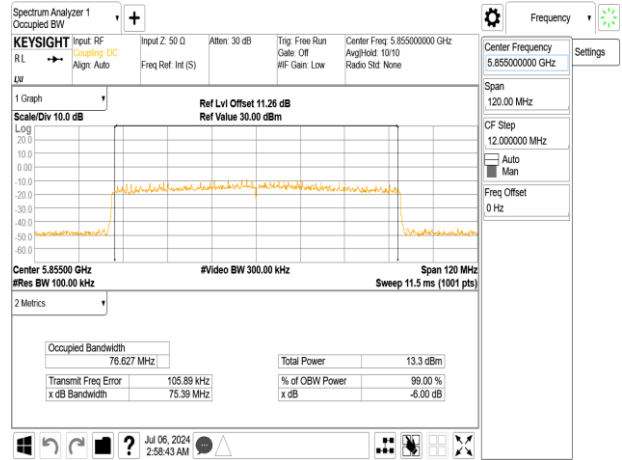
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_80MHz_Chain1_5775MHz



802.11ax_80MHz_Chain1_5855MHz



802.11ax_80MHz_Chain1_5775MHz_RU484_65



802.11ax_80MHz_Chain1_5775MHz_RU484_66



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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

9 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

9.1 Standard Applicable

9.1.1 Duty Cycle

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

9.1.2 FCC

Band	EUT CATEGORY		e-CRF Title 47 §15.407			
			Conducted Output Power	EIRP	TPC	Antenna Directional Gain Requirements
U-NII-1		Fixed point-to-point	1 Watt(30dBm)	Not required	Not required	23dBi
		Outdoor AP	1 Watt(30dBm)	Elevation angle above 30 degrees 125mW (21dBm)	Not required	6dBi
		Indoor AP	1 Watt(30dBm)	Not required	Not required	6dBi
	V	Other	250mW(23.98dBm)	Not required	Not required	6dBi
U-NII-2A	V	Other	250mW(23.98dBm) or 11dBm+10 log B	Not required	When EIRP >500mW At least 6dB below EIRP 1W (30dBm)	6dBi
U-NII-2C	V	Other	250mW(23.98dBm) or 11dBm+10 log B	Not required		6dBi
U-NII-3	V	Other	1 Watt(30dBm)	Not required	Not required	6dBi
		Fixed point-to-point	1 Watt(30dBm)	Not required	Not required	Not required
U-NII-4		Indoor AP (a channel spans 5725~5850 and 5850~5895MHz)	Not required	36dBm	Not required	Not required
	V	Indoor client (a channel spans 5725~5850 and 5850~5895MHz)	Not required	30dBm	Not required	Not required
		Subordinate device	Not required	36dBm	Not required	Not required

1. If transmitting antennas of directional gain greater than the antenna requirements column, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna.

2. For the 10 log B, B is the 26 dB emission bandwidth.

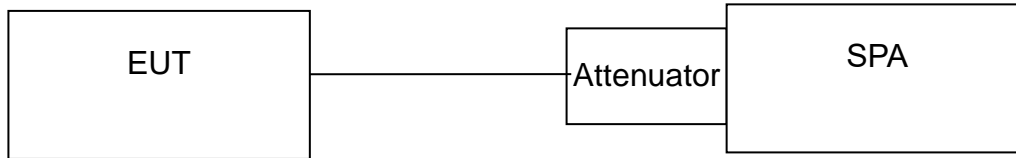
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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。

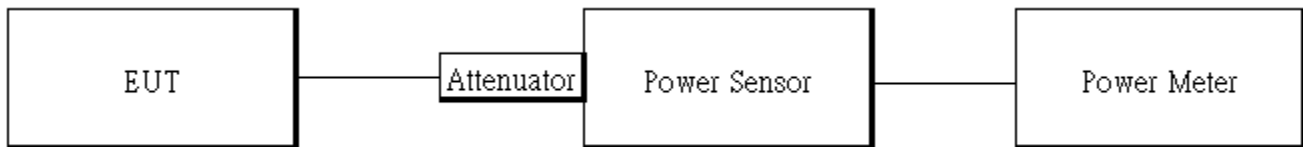
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

9.2 Test Setup

9.2.1 Duty Cycle



9.2.2 Output Power



9.3 Measurement Procedure

9.3.1 Duty Cycle Measurements

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

9.3.2 Output Power Measurements

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
4. Power Meter is used as the auxiliary test equipment to conduct the output power measurement.
5. Record the max. reading and add $10 \log(1/\text{duty cycle})$.
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.
7. MIMO mode: offset is set with "measure and add $10 \log(N)$ " to measurement for MIMO mode. Offset = cable loss + $10 \log(N)$, where N is number of transmitting antenna, cable loss is specified below.

Note:

For U-NII1, 2A, 2C and 3 Bands, when the antenna gain is greater than 6 dBi, the power limit attenuated accordingly.

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k} = 1/20 \cdot 10G_k$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

9.4 Duty Cycle Measurement Result

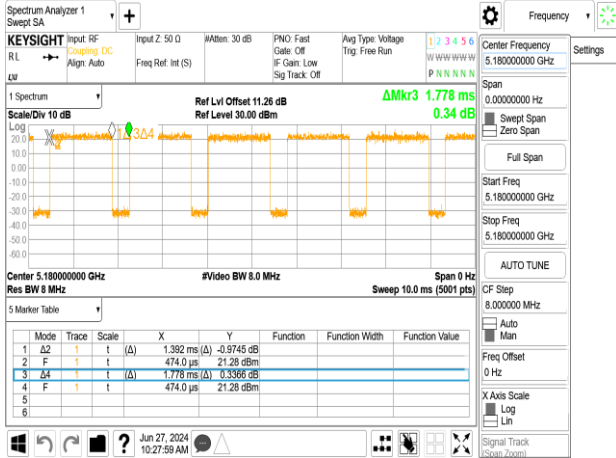
Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)	
802.11a	78.29	1.06	0.72	1.00	
802.11n_20	77.47	1.11	0.77	1.00	
802.11ac_20	78.10	1.07	0.76	1.00	
802.11n_40	77.47	1.11	0.77	1.00	
802.11ac_40	62.81	2.02	1.53	2.00	
802.11ac_80	46.44	3.33	3.07	4.00	
Mode	RU Config	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11ax_20	Full	72.47	1.40	0.98	1.00
	26 RU	81.99	0.86	0.62	1.00
	52 RU	80.55	0.94	0.66	1.00
	106 RU	78.74	1.04	0.71	1.00
802.11ax_40	Full	58.86	2.30	1.86	2.00
	242 RU	76.23	1.18	0.83	1.00
802.11ax_80	Full	43.54	3.61	3.45	4.00
	484 RU	62.04	2.07	1.55	2.00

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.

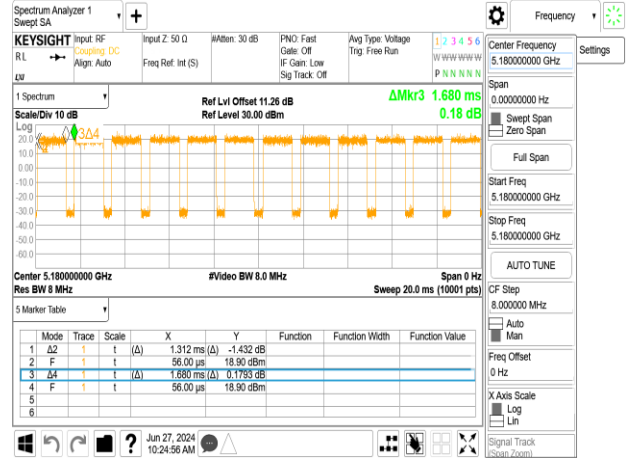
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

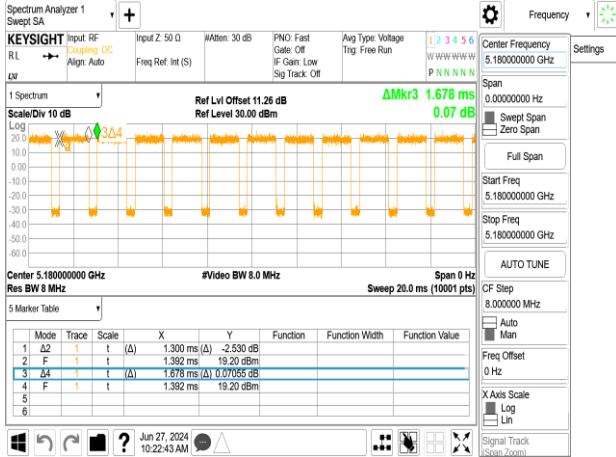
802.11a_20MHz_Chain0_5180MHz



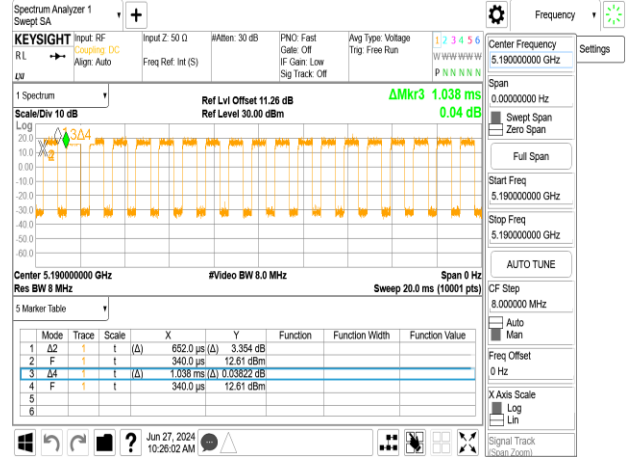
802.11ac_20MHz_Chain0_5180MHz



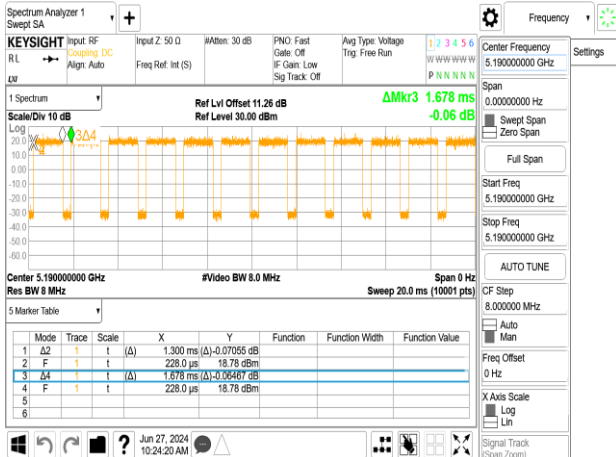
802.11n_20MHz_Chain0_5180MHz



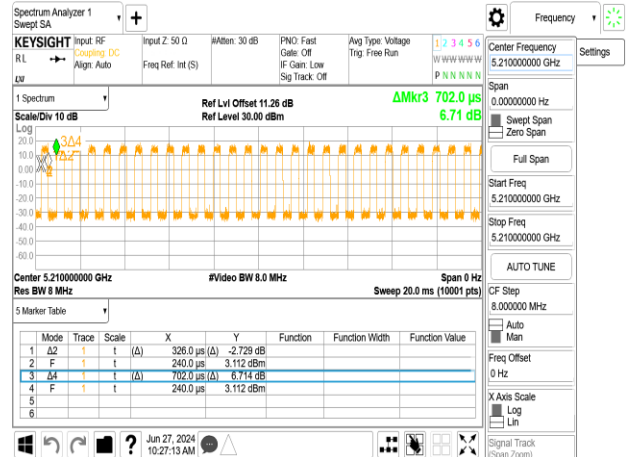
802.11ac_40MHz_Chain0_5190MHz



802.11n_40MHz_Chain0_5190MHz



802.11ac_80MHz_Chain0_5210MHz

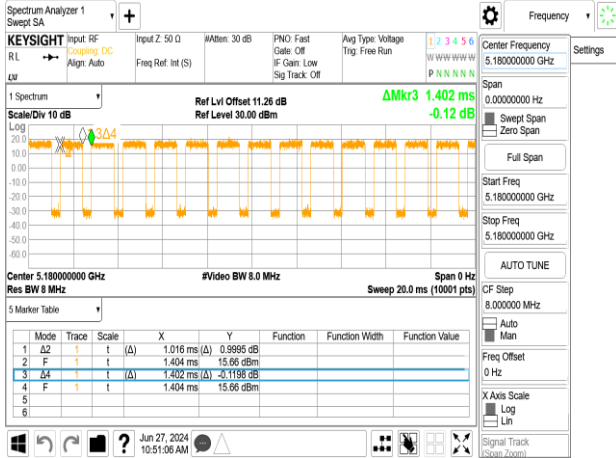


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

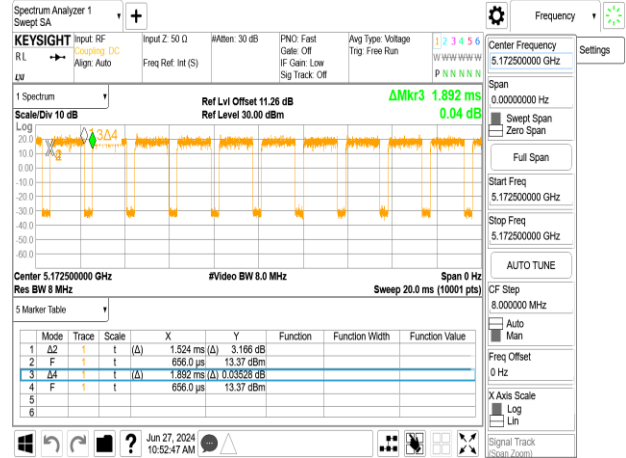
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

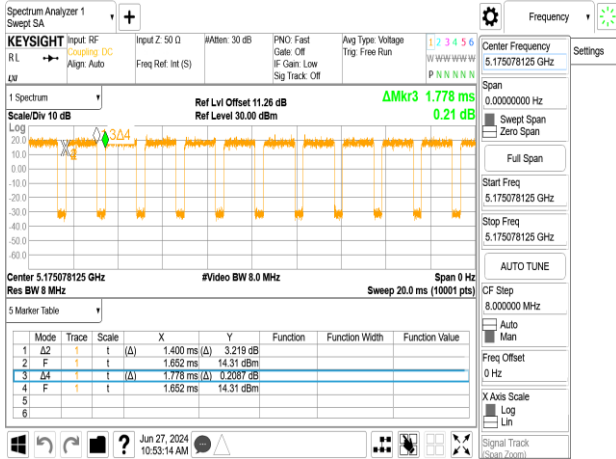
802.11ax_20MHz_Chain0_5180MHz



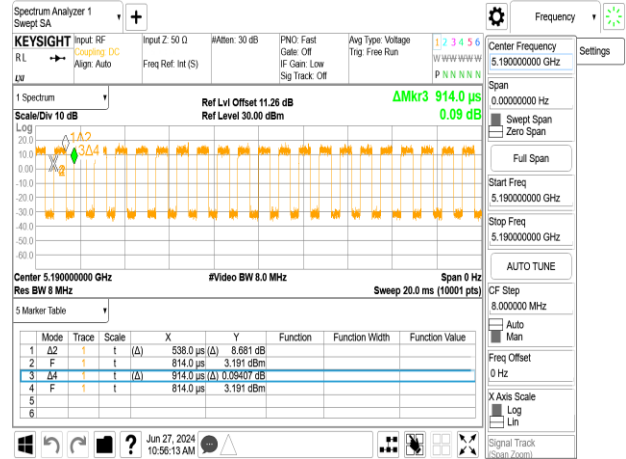
802.11ax_20MHz_Chain0_5180MHz_RU52_37



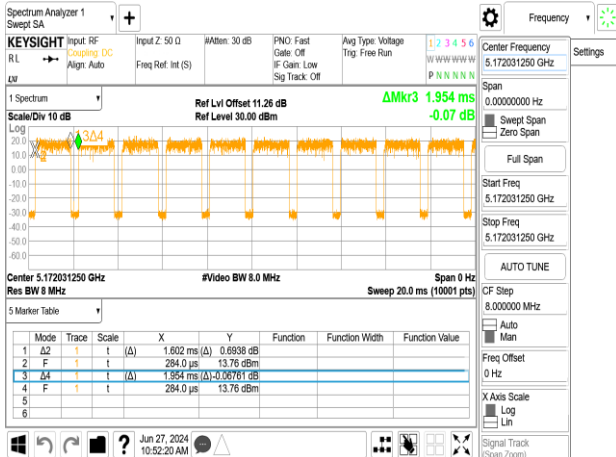
802.11ax_20MHz_Chain0_5180MHz_RU106_53



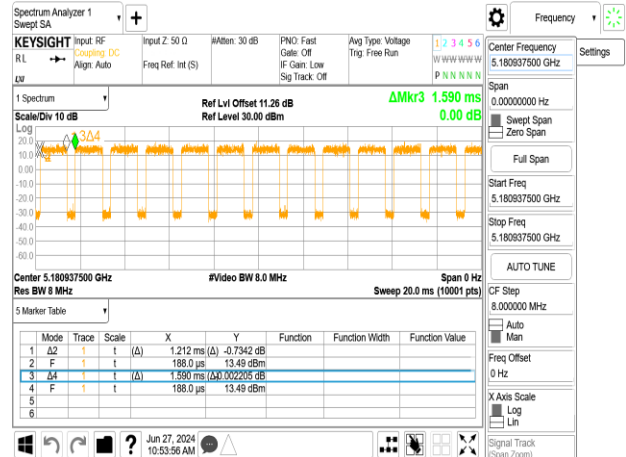
802.11ax_40MHz_Chain0_5190MHz



802.11ax_20MHz_Chain0_5180MHz_RU26_0



802.11ax_40MHz_Chain0_5190MHz_RU242_61

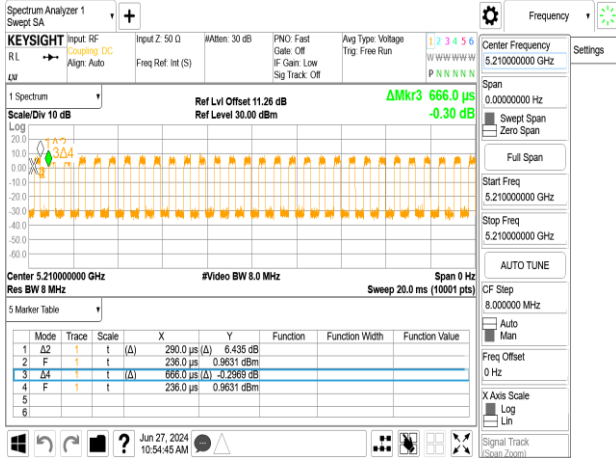


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

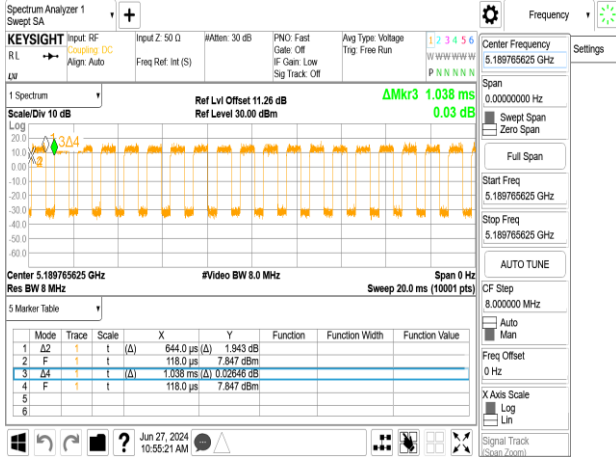
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_80MHz_Chain0_5210MHz



802.11ax_80MHz_Chain0_5210MHz_RU484_65



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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

9.5 Output Power Measurement Result

9.5.1 FCC Output power

802.11a_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	11	13.941	11.44	23.98	PASS
44	5220	6	11	13.750	11.38	23.98	PASS
48	5240	6	11	13.624	11.34	23.98	PASS
52	5260	6	16.5	49.465	16.94	23.98	PASS
60	5300	6	11.5	15.642	11.94	23.98	PASS
64	5320	6	12	17.510	12.43	23.98	PASS
100	5500	6	12	17.877	12.52	23.98	PASS
116	5580	6	10.5	13.973	11.45	23.98	PASS
140	5700	6	10	14.801	11.70	23.98	PASS
144	5720(U-NII 2C)	6	10	9.839	9.93	23.42	PASS
144	5720 (U-NII 3)	6	10	4.199	6.23	30	PASS
149	5745	6	11.5	19.512	12.90	30	PASS
157	5785	6	11.5	18.763	12.73	30	PASS
165	5825	6	10.5	13.655	11.35	30	PASS
169	5845 (U-NII 3)	6	12	16.536	12.18	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	6	12	5.958	7.75	30	PASS
173	5865	6	12.5	31.210	14.94	30	PASS
177	5885	6	12.5	31.426	14.97	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11a_Ch1

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	11	13.813	11.40	23.98	PASS
44	5220	6	11	13.561	11.32	23.98	PASS
48	5240	6	11	13.437	11.28	23.98	PASS
52	5260	6	16.5	46.269	16.65	23.98	PASS
60	5300	6	11.5	14.733	11.68	23.98	PASS
64	5320	6	12	16.799	12.25	23.98	PASS
100	5500	6	12	17.191	12.35	23.98	PASS
116	5580	6	10.5	13.222	11.21	23.98	PASS
140	5700	6	10	13.314	11.24	23.98	PASS
144	5720(U-NII 2C)	6	10	9.162	9.62	23.09	PASS
144	5720 (U-NII 3)	6	10	3.494	5.43	30	PASS
149	5745	6	11.5	18.084	12.57	30	PASS
157	5785	6	11.5	17.551	12.44	30	PASS
165	5825	6	10.5	12.540	10.98	30	PASS
169	5845 (U-NII 3)	6	12	15.708	11.96	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	6	12	5.574	7.46	30	PASS
173	5865	6	12.5	29.194	14.65	30	PASS
177	5885	6	12.5	29.464	14.69	30	PASS

802.11a_2TX

CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	6	10.5	11.48	11.43	27.979	14.47	23.98	PASS
44	5220	6	10.5	11.42	11.36	27.563	14.40	23.98	PASS
48	5240	6	10.5	11.37	11.32	27.279	14.36	23.98	PASS
52	5260	6	16	16.96	16.71	96.606	19.85	23.98	PASS
60	5300	6	11.5	11.98	11.78	30.863	14.89	23.98	PASS
64	5320	6	12	12.52	12.29	34.832	15.42	23.98	PASS
100	5500	6	12	12.57	12.37	35.354	15.48	23.98	PASS
116	5580	6	10.5	11.47	11.25	27.382	14.37	23.98	PASS
140	5700	6	10	11.73	11.29	28.371	14.53	23.98	PASS
144	5720(U-NII 2C)	6	10	9.96	9.68	19.196	12.83	23.09	PASS
144	5720 (U-NII 3)	6	10	6.26	5.49	7.771	8.90	30	PASS
149	5745	6	11.5	12.92	12.61	37.853	15.78	30	PASS
157	5785	6	11.5	12.77	12.48	36.649	15.64	30	PASS
165	5825	6	10.5	11.39	11.05	26.525	14.24	30	PASS
169	5845 (U-NII 3)	6	12	12.21	11.99	32.467	15.11	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
				CH 0	CH 1				
169	5845 (U-NII 4)	6	12	6.09	5.83	11.611	10.65	30	PASS
173	5865	6	12.5	13.29	13.05	61.093	17.86	30	PASS
177	5885	6	12.5	13.31	13.08	61.444	17.88	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11n_HT20_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	11.5	14.651	11.66	23.98	PASS
44	5220	MCS0	11.5	15.306	11.85	23.98	PASS
48	5240	MCS0	11.5	15.271	11.84	23.98	PASS
52	5260	MCS0	11.5	15.591	11.93	23.98	PASS
60	5300	MCS0	11.5	15.808	11.99	23.98	PASS
64	5320	MCS0	11.5	15.627	11.94	23.98	PASS
100	5500	MCS0	11	15.412	11.88	23.98	PASS
116	5580	MCS0	11	15.808	11.99	23.98	PASS
140	5700	MCS0	11	15.699	11.96	23.98	PASS
144	5720(U-NII 2C)	MCS0	11	10.980	10.41	23.98	PASS
144	5720 (U-NII 3)	MCS0	11	4.504	6.54	30	PASS
149	5745	MCS0	11	15.027	11.77	30	PASS
157	5785	MCS0	11	15.341	11.86	30	PASS
165	5825	MCS0	10.5	15.735	11.97	30	PASS
169	5845 (U-NII 3)	MCS0	10.5	12.428	10.94	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	MCS0	10.5	4.934	6.93	30	PASS
173	5865	MCS0	10.5	22.380	13.50	30	PASS
177	5885	MCS0	10.5	22.587	13.54	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11n_HT20_Ch1

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	11.5	14.517	11.62	23.98	PASS
44	5220	MCS0	11.5	14.753	11.69	23.98	PASS
48	5240	MCS0	11.5	15.061	11.78	23.98	PASS
52	5260	MCS0	11.5	15.201	11.82	23.94	PASS
60	5300	MCS0	11.5	14.889	11.73	23.98	PASS
64	5320	MCS0	11.5	15.236	11.83	23.98	PASS
100	5500	MCS0	11	15.201	11.82	23.98	PASS
116	5580	MCS0	11	14.550	11.63	23.98	PASS
140	5700	MCS0	11	14.889	11.73	23.98	PASS
144	5720(U-NII 2C)	MCS0	11	10.743	10.31	23.98	PASS
144	5720 (U-NII 3)	MCS0	11	4.250	6.28	30	PASS
149	5745	MCS0	11	14.517	11.62	30	PASS
157	5785	MCS0	11	14.651	11.66	30	PASS
165	5825	MCS0	10.5	15.027	11.77	30	PASS
169	5845 (U-NII 3)	MCS0	10.5	12.032	10.80	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	MCS0	10.5	4.542	6.57	30	PASS
173	5865	MCS0	10.5	21.770	13.38	30	PASS
177	5885	MCS0	10.5	22.329	13.49	30	PASS

802.11n_HT20_2TX

CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	MCS0	11	11.99	11.63	30.358	14.82	23.98	PASS
44	5220	MCS0	11	12.07	11.75	31.059	14.92	23.98	PASS
48	5240	MCS0	11	11.96	11.84	30.970	14.91	23.98	PASS
52	5260	MCS0	11	12.04	11.87	31.367	14.96	23.98	PASS
60	5300	MCS0	11	12.03	11.80	31.085	14.93	23.98	PASS
64	5320	MCS0	11	11.95	11.87	31.040	14.92	23.98	PASS
100	5500	MCS0	11	11.95	11.87	31.040	14.92	23.98	PASS
116	5580	MCS0	11	12.03	11.77	30.981	14.91	23.98	PASS
140	5700	MCS0	10.5	12.02	11.89	31.365	14.96	23.98	PASS
144	5720(U-NII 2C)	MCS0	10.5	10.48	10.38	22.075	13.44	23.19	PASS
144	5720 (U-NII 3)	MCS0	10.5	6.61	6.35	8.896	9.49	30	PASS
149	5745	MCS0	11	11.84	11.67	29.956	14.76	30	PASS
157	5785	MCS0	11	11.87	11.73	30.266	14.81	30	PASS
165	5825	MCS0	11	12.07	11.82	31.302	14.96	30	PASS
169	5845 (U-NII 3)	MCS0	11	11.02	10.84	24.802	13.94	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
				CH 0	CH 1				
169	5845 (U-NII 4)	MCS0	11	5.32	4.95	9.608	9.83	30	PASS
173	5865	MCS0	11	11.86	11.74	44.508	16.48	30	PASS
177	5885	MCS0	11	11.93	11.89	45.646	16.59	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11n_HT40_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	12	15.591	11.93	23.98	PASS
46	5230	MCS0	11.5	15.166	11.81	23.98	PASS
54	5270	MCS0	11.5	15.699	11.96	23.98	PASS
62	5310	MCS0	11.5	15.627	11.94	23.98	PASS
102	5510	MCS0	11	15.771	11.98	23.98	PASS
110	5550	MCS0	11	15.483	11.90	23.98	PASS
134	5670	MCS0	11	15.555	11.92	23.98	PASS
142	5710(U-NII 2C)	MCS0	10.5	13.463	11.29	23.98	PASS
142	5710 (U-NII 3)	MCS0	10.5	1.879	2.74	30	PASS
151	5755	MCS0	11	15.271	11.84	30	PASS
159	5795	MCS0	11	15.483	11.90	30	PASS
167	5835 (U-NII 3)	MCS0	10.5	14.624	11.65	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
167	5835 (U-NII 4)	MCS0	10.5	1.694	2.29	30	PASS
175	5875	MCS0	11	23.220	13.66	30	PASS

802.11n_HT40_Ch1

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	12	14.923	11.74	23.98	PASS
46	5230	MCS0	11.5	14.992	11.76	23.98	PASS
54	5270	MCS0	11.5	14.651	11.66	23.98	PASS
62	5310	MCS0	11.5	15.236	11.83	23.98	PASS
102	5510	MCS0	11	15.096	11.79	23.98	PASS
110	5550	MCS0	11	15.201	11.82	23.98	PASS
134	5670	MCS0	11	15.131	11.80	23.98	PASS
142	5710(U-NII 2C)	MCS0	10.5	12.904	11.11	23.98	PASS
142	5710 (U-NII 3)	MCS0	10.5	1.680	2.25	30	PASS
151	5755	MCS0	11	15.131	11.80	30	PASS
159	5795	MCS0	11	15.236	11.83	30	PASS
167	5835 (U-NII 3)	MCS0	10.5	14.042	11.47	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
167	5835 (U-NII 4)	MCS0	10.5	1.241	0.94	30	PASS
175	5875	MCS0	11	21.670	13.36	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11n_HT40_2TX

CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
38	5190	MCS0	12	11.97	11.83	30.971	14.91	23.98	PASS
46	5230	MCS0	12	11.96	11.85	31.005	14.91	23.98	PASS
54	5270	MCS0	12	12.00	11.74	30.767	14.88	23.98	PASS
62	5310	MCS0	12	11.95	11.89	31.110	14.93	23.98	PASS
102	5510	MCS0	12	12.12	11.83	31.524	14.99	23.98	PASS
110	5550	MCS0	11.5	11.98	11.87	31.148	14.93	23.98	PASS
134	5670	MCS0	11.5	12.07	11.84	31.372	14.97	23.98	PASS
142	5710(U-NII 2C)	MCS0	11.5	11.61	11.20	27.666	14.42	23.98	PASS
142	5710 (U-NII 3)	MCS0	11.5	3.06	2.34	3.737	5.73	30	PASS
151	5755	MCS0	11	11.93	11.88	31.003	14.91	30	PASS
159	5795	MCS0	11	11.96	11.87	31.076	14.92	30	PASS
167	5835 (U-NII 3)	MCS0	11	11.71	11.55	29.130	14.64	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
				CH 0	CH 1				
167	5835 (U-NII 4)	MCS0	11	0.66	-0.64	2.980	4.74	30	PASS
175	5875	MCS0	11	12.03	11.82	45.820	16.61	30	PASS

802.11ac_VHT20_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	11.5	14.533	11.623	23.98	PASS
44	5220	MCS0	11.5	15.113	11.793	23.98	PASS
48	5240	MCS0	11.5	15.253	11.833	23.98	PASS
52	5260	MCS0	11.5	15.044	11.773	23.98	PASS
60	5300	MCS0	11.5	15.218	11.823	23.98	PASS
64	5320	MCS0	11.5	15.465	11.893	23.98	PASS
100	5500	MCS0	11	14.974	11.753	23.98	PASS
116	5580	MCS0	11	14.803	11.703	23.98	PASS
140	5700	MCS0	11	15.078	11.783	23.98	PASS
144	5720(U-NII 2C)	MCS0	11	10.941	10.391	23.98	PASS
144	5720 (U-NII 3)	MCS0	11	4.488	6.521	30	PASS
149	5745	MCS0	11	14.769	11.693	30	PASS
157	5785	MCS0	11	14.974	11.753	30	PASS
165	5825	MCS0	10.5	14.803	11.703	30	PASS
169	5845 (U-NII 3)	MCS0	10.5	11.992	10.789	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	MCS0	10.5	4.760	6.78	30	PASS
173	5865	MCS0	10.5	22.354	13.49	30	PASS
177	5885	MCS0	10.5	21.946	13.41	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ac_VHT20_Ch1

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	11.5	14.268	11.54	23.98	PASS
44	5220	MCS0	11.5	14.600	11.64	23.98	PASS
48	5240	MCS0	11.5	14.400	11.58	23.98	PASS
52	5260	MCS0	11.5	14.466	11.60	23.94	PASS
60	5300	MCS0	11.5	14.433	11.59	23.98	PASS
64	5320	MCS0	11.5	14.735	11.68	23.98	PASS
100	5500	MCS0	11	14.837	11.71	23.98	PASS
116	5580	MCS0	11	14.433	11.59	23.98	PASS
140	5700	MCS0	11	14.735	11.68	23.98	PASS
144	5720(U-NII 2C)	MCS0	11	10.413	10.18	23.98	PASS
144	5720 (U-NII 3)	MCS0	11	4.119	6.15	30	PASS
149	5745	MCS0	11	14.333	11.56	30	PASS
157	5785	MCS0	11	14.300	11.55	30	PASS
165	5825	MCS0	10.5	14.433	11.59	30	PASS
169	5845 (U-NII 3)	MCS0	10.5	11.450	10.59	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	MCS0	10.5	4.323	6.36	30	PASS
173	5865	MCS0	10.5	20.958	13.21	30	PASS
177	5885	MCS0	10.5	21.348	13.29	30	PASS

802.11ac_VHT20_2TX

CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	MCS0	11	11.90	11.69	30.270	14.81	23.98	PASS
44	5220	MCS0	11	11.89	11.72	30.336	14.82	23.98	PASS
48	5240	MCS0	11	11.91	11.71	30.373	14.82	23.98	PASS
52	5260	MCS0	11	11.79	11.73	30.019	14.77	23.98	PASS
60	5300	MCS0	11	11.84	11.79	30.401	14.83	23.98	PASS
64	5320	MCS0	11	11.93	11.75	30.582	14.85	23.98	PASS
100	5500	MCS0	11	11.90	11.79	30.614	14.86	23.98	PASS
116	5580	MCS0	11	12.04	11.73	30.914	14.90	23.98	PASS
140	5700	MCS0	10.5	11.83	11.72	30.124	14.79	23.98	PASS
144	5720(U-NII 2C)	MCS0	10.5	10.40	10.29	21.647	13.35	23.19	PASS
144	5720 (U-NII 3)	MCS0	10.5	6.53	6.26	8.724	9.41	30	PASS
149	5745	MCS0	11	11.81	11.69	29.952	14.76	30	PASS
157	5785	MCS0	11.5	11.91	11.61	30.036	14.78	30	PASS
165	5825	MCS0	11.5	12.19	11.64	31.171	14.94	30	PASS
169	5845 (U-NII 3)	MCS0	11.5	11.06	10.62	24.290	13.85	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
				CH 0	CH 1				
169	5845 (U-NII 4)	MCS0	11.5	5.36	4.73	9.416	9.74	30	PASS
173	5865	MCS0	11.5	11.97	11.60	44.440	16.48	30	PASS
177	5885	MCS0	11.5	12.06	11.69	45.371	16.57	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ac_VHT40_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	12	15.452	11.89	23.98	PASS
46	5230	MCS0	11.5	15.100	11.79	23.98	PASS
54	5270	MCS0	11.5	15.523	11.91	23.98	PASS
62	5310	MCS0	11.5	15.416	11.88	23.98	PASS
102	5510	MCS0	11.5	15.594	11.93	23.98	PASS
110	5550	MCS0	11.5	15.345	11.86	23.98	PASS
134	5670	MCS0	11.5	15.416	11.88	23.98	PASS
142	5710(U-NII 2C)	MCS0	11	13.404	11.27	23.98	PASS
142	5710 (U-NII 3)	MCS0	11	1.870	2.72	30	PASS
151	5755	MCS0	11	14.893	11.73	30	PASS
159	5795	MCS0	11	15.065	11.78	30	PASS
167	5835 (U-NII 3)	MCS0	11	13.777	11.39	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
167	5835 (U-NII 4)	MCS0	11	1.596	2.03	30	PASS
175	5875	MCS0	11	22.489	13.52	30	PASS

802.11ac_VHT40_Ch1

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	12	14.157	11.51	23.98	PASS
46	5230	MCS0	11.5	14.255	11.54	23.98	PASS
54	5270	MCS0	11.5	14.255	11.54	23.98	PASS
62	5310	MCS0	11.5	14.190	11.52	23.98	PASS
102	5510	MCS0	11.5	14.387	11.58	23.98	PASS
110	5550	MCS0	11.5	14.222	11.53	23.98	PASS
134	5670	MCS0	11.5	14.453	11.60	23.98	PASS
142	5710(U-NII 2C)	MCS0	11	12.701	11.04	23.98	PASS
142	5710 (U-NII 3)	MCS0	11	1.653	2.18	30	PASS
151	5755	MCS0	11	14.157	11.51	30	PASS
159	5795	MCS0	11	14.487	11.61	30	PASS
167	5835 (U-NII 3)	MCS0	11	13.414	11.28	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
167	5835 (U-NII 4)	MCS0	11	1.185	0.74	30	PASS
175	5875	MCS0	11	21.133	13.25	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ac_VHT40_2TX

CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
38	5190	MCS0	11.5	12.10	11.54	30.472	14.84	23.98	PASS
46	5230	MCS0	11	12.07	11.69	30.861	14.89	23.98	PASS
54	5270	MCS0	11	12.07	11.58	30.492	14.84	23.98	PASS
62	5310	MCS0	11	12.18	11.58	30.906	14.90	23.98	PASS
102	5510	MCS0	11	12.17	11.63	31.034	14.92	23.98	PASS
110	5550	MCS0	11	12.12	11.64	30.879	14.90	23.98	PASS
134	5670	MCS0	11	12.22	11.62	31.192	14.94	23.98	PASS
142	5710(U-NII 2C)	MCS0	10.5	11.69	11.07	27.554	14.40	23.98	PASS
142	5710 (U-NII 3)	MCS0	10.5	3.14	2.21	3.725	5.71	30	PASS
151	5755	MCS0	11.5	12.14	11.60	30.821	14.89	30	PASS
159	5795	MCS0	11.5	12.02	11.79	31.021	14.92	30	PASS
167	5835 (U-NII 3)	MCS0	11	11.80	11.29	28.586	14.56	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
				CH 0	CH 1				
167	5835 (U-NII 4)	MCS0	11	0.75	-0.91	2.940	4.68	30	PASS
175	5875	MCS0	11	11.92	11.61	44.978	16.53	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	12.5	15.671	11.95	23.98	PASS
58	5290	MCS0	11	11.698	10.68	23.98	PASS
106	5530	MCS0	11.5	15.564	11.92	23.98	PASS
122	5610	MCS0	11.5	15.708	11.96	23.98	PASS
138	5690(U-NII 2C)	MCS0	11.5	14.225	11.53	23.98	PASS
138	5690 (U-NII 3)	MCS0	11.5	0.915	-0.39	30	PASS
155	5775	MCS0	11.5	15.456	11.89	30	PASS
171	5855 (U-NII 3)	MCS0	11.5	6.490	8.12	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
171	5855 (U-NII 4)	MCS0	11.5	13.389	11.27	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ac_VHT80_Ch1

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	12.5	14.292	11.55	23.98	PASS
58	5290	MCS0	11	11.275	10.52	23.98	PASS
106	5530	MCS0	11.5	14.260	11.54	23.98	PASS
122	5610	MCS0	11.5	14.795	11.70	23.98	PASS
138	5690(U-NII 2C)	MCS0	11.5	13.849	11.41	23.98	PASS
138	5690 (U-NII 3)	MCS0	11.5	0.810	-0.91	30	PASS
155	5775	MCS0	11.5	14.761	11.69	30	PASS
171	5855 (U-NII 3)	MCS0	11.5	6.207	7.93	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
171	5855 (U-NII 4)	MCS0	11.5	11.946	10.77	30	PASS

802.11ac_VHT80_2TX

CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
42	5210	MCS0	12	12.34	11.58	31.535	14.99	23.98	PASS
58	5290	MCS0	11	10.71	10.55	23.132	13.64	23.98	PASS
106	5530	MCS0	11.5	12.28	11.57	31.267	14.95	23.98	PASS
122	5610	MCS0	11.5	12.10	11.80	31.361	14.96	23.98	PASS
138	5690(U-NII 2C)	MCS0	11.5	11.81	11.56	29.508	14.70	23.98	PASS
138	5690 (U-NII 3)	MCS0	11.5	-0.11	-0.76	1.814	2.59	30	PASS
155	5775	MCS0	11.5	12.17	11.75	31.452	14.98	30	PASS
171	5855 (U-NII 3)	MCS0	11.5	8.47	8.02	13.373	11.26	30	PASS
CH	Frequency (MHz)	Data Rate	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
171	5855 (U-NII 4)	MCS0	11.5	CH 0	CH 1	26.701	14.27	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_HE20_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	10	10.589	10.25	23.98	PASS
		MCS0	26/0	3.5	2.110	3.24	23.98	PASS
		MCS0	52/37	6	4.456	6.49	23.98	PASS
		MCS0	106/53	10	10.563	10.24	23.98	PASS
44	5220	MCS0	full	10	10.786	10.33	23.98	PASS
48	5240	MCS0	full	10	10.860	10.36	23.98	PASS
52	5260	MCS0	full	9.5	10.711	10.30	23.98	PASS
60	5300	MCS0	full	9.5	10.736	10.31	23.98	PASS
64	5320	MCS0	full	9.5	11.139	10.47	23.98	PASS
		MCS0	26/8	9.5	10.550	10.23	23.98	PASS
		MCS0	52/40	9.5	10.664	10.28	23.98	PASS
		MCS0	106/54	9.5	10.686	10.29	23.98	PASS
100	5500	MCS0	full	9.5	11.011	10.42	23.98	PASS
		MCS0	26/0	9.5	10.357	10.15	23.98	PASS
		MCS0	52/37	9.5	10.714	10.30	23.98	PASS
		MCS0	106/53	9.5	10.859	10.36	23.98	PASS
116	5580	MCS0	full	9.5	11.113	10.46	23.98	PASS
140	5700	MCS0	full	9.5	11.190	10.49	23.98	PASS
		MCS0	26/8	5.5	4.133	6.16	23.98	PASS
		MCS0	52/40	8	9.056	9.57	23.98	PASS
		MCS0	106/54	9	10.884	10.37	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	9.5	7.923	8.99	22.97	PASS
144	5720 (U-NII 3)	MCS0	full	9.5	2.888	4.61	30	PASS
149	5745	MCS0	full	9.5	11.113	10.46	30	PASS
		MCS0	26/0	9	10.501	10.21	30	PASS
		MCS0	52/37	9	10.518	10.22	30	PASS
		MCS0	106/53	9	10.809	10.34	30	PASS
157	5785	MCS0	full	9.5	10.589	10.25	30	PASS
165	5825	MCS0	full	9	11.037	10.43	30	PASS
		MCS0	26/8	9	10.672	10.28	30	PASS
		MCS0	52/40	9	10.689	10.29	30	PASS
		MCS0	106/54	9	10.960	10.40	30	PASS
169	5845 (U-NII 3)	MCS0	full	9	8.573	9.33	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	MCS0	full	9	3.748	5.74	30	PASS
173	5865	MCS0	full	9	16.514	12.18	30	PASS
		MCS0	26/0	9	15.319	11.85	30	PASS
		MCS0	52/37	9	15.450	11.89	30	PASS
		MCS0	106/53	9	16.248	12.11	30	PASS
177	5885	MCS0	full	9	16.101	12.07	30	PASS
		MCS0	26/8	9	15.249	11.83	30	PASS
		MCS0	52/40	8	12.616	11.01	30	PASS
		MCS0	106/54	9	15.624	11.94	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_HE20_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	10	10.276	10.12	23.98	PASS
		MCS0	26/0	3.5	2.076	3.17	23.98	PASS
		MCS0	52/37	6	4.334	6.37	23.98	PASS
		MCS0	106/53	10	10.019	10.01	23.98	PASS
44	5220	MCS0	full	10	10.419	10.18	23.98	PASS
48	5240	MCS0	full	10	10.253	10.11	23.98	PASS
52	5260	MCS0	full	9.5	10.516	10.22	23.98	PASS
60	5300	MCS0	full	9.5	10.372	10.16	23.98	PASS
64	5320	MCS0	full	9.5	10.276	10.12	23.98	PASS
		MCS0	26/8	9.5	10.029	10.01	23.98	PASS
		MCS0	52/40	9.5	10.068	10.03	23.98	PASS
		MCS0	106/54	9.5	10.228	10.10	23.98	PASS
100	5500	MCS0	full	9.5	10.276	10.12	23.98	PASS
		MCS0	26/0	9.5	10.192	10.08	23.98	PASS
		MCS0	52/37	9.5	10.161	10.07	23.98	PASS
		MCS0	106/53	9.5	10.228	10.10	23.98	PASS
116	5580	MCS0	full	9.5	10.324	10.14	23.98	PASS
140	5700	MCS0	full	9.5	10.638	10.27	23.98	PASS
		MCS0	26/8	5.5	3.965	5.98	23.98	PASS
		MCS0	52/40	8	8.413	9.25	23.98	PASS
		MCS0	106/54	9	10.539	10.23	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	9.5	7.672	8.85	22.99	PASS
144	5720 (U-NII 3)	MCS0	full	9.5	2.819	4.50	30	PASS
149	5745	MCS0	full	9.5	10.395	10.17	30	PASS
		MCS0	26/0	9	10.075	10.03	30	PASS
		MCS0	52/37	9	10.138	10.06	30	PASS
		MCS0	106/53	9	10.347	10.15	30	PASS
157	5785	MCS0	full	9.5	10.276	10.12	30	PASS
165	5825	MCS0	full	9	10.135	10.06	30	PASS
		MCS0	26/8	9	10.052	10.02	30	PASS
		MCS0	52/40	9	10.045	10.02	30	PASS
		MCS0	106/54	9	10.111	10.05	30	PASS
169	5845 (U-NII 3)	MCS0	full	9	7.781	8.91	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	MCS0	full	9	3.484	5.42	30	PASS
173	5865	MCS0	full	9	15.026	11.77	30	PASS
		MCS0	26/0	9	14.936	11.74	30	PASS
		MCS0	52/37	9	14.960	11.75	30	PASS
		MCS0	106/53	9	14.887	11.73	30	PASS
177	5885	MCS0	full	9	15.165	11.81	30	PASS
		MCS0	26/8	9	14.902	11.73	30	PASS
		MCS0	52/40	8	11.993	10.79	30	PASS
		MCS0	106/54	9	15.059	11.78	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_HE20_2TX

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
36	5180	MCS0	full	10	10.77	10.15	22.283	13.48	23.98	PASS
		MCS0	26/0	2.5	3.29	3.22	4.234	6.27	23.98	PASS
		MCS0	52/37	5.5	6.55	6.46	8.943	9.51	23.98	PASS
		MCS0	106/53	9.5	10.72	10.07	21.956	13.42	23.98	PASS
44	5220	MCS0	full	9.5	10.66	10.24	22.217	13.47	23.98	PASS
48	5240	MCS0	full	9.5	10.61	10.14	21.828	13.39	23.98	PASS
52	5260	MCS0	full	9.5	10.54	10.24	21.884	13.40	23.98	PASS
60	5300	MCS0	full	9.5	10.63	10.24	22.121	13.45	23.98	PASS
64	5320	MCS0	full	9.5	10.72	10.14	22.123	13.45	23.98	PASS
		MCS0	26/8	9.5	10.54	10.18	21.759	13.38	23.98	PASS
		MCS0	52/40	9.5	10.49	10.19	21.638	13.35	23.98	PASS
		MCS0	106/54	9.5	10.57	10.22	21.912	13.41	23.98	PASS
100	5500	MCS0	full	9.5	10.70	10.17	22.140	13.45	23.98	PASS
		MCS0	26/0	9	10.52	10.12	21.564	13.34	23.98	PASS
		MCS0	52/37	9	10.69	10.16	22.094	13.44	23.98	PASS
		MCS0	106/53	9	10.59	10.23	21.989	13.42	23.98	PASS
116	5580	MCS0	full	9.5	10.78	10.16	22.335	13.49	23.98	PASS
140	5700	MCS0	full	9	10.59	10.36	22.311	13.49	23.98	PASS
		MCS0	26/8	5.5	6.18	6.00	8.135	9.10	23.98	PASS
		MCS0	52/40	8	9.59	9.29	17.588	12.45	23.98	PASS
		MCS0	106/54	9	10.52	10.31	22.002	13.42	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	9	9.20	8.96	16.184	12.09	22.97	PASS
144	5720 (U-NII 3)	MCS0	full	9	4.82	4.61	5.922	7.73	30	PASS
149	5745	MCS0	full	10	10.72	10.19	22.242	13.47	30	PASS
		MCS0	26/0	9.5	10.54	10.04	21.428	13.31	30	PASS
		MCS0	52/37	9.5	10.72	10.12	22.080	13.44	30	PASS
		MCS0	106/53	9.5	10.59	10.23	21.989	13.42	30	PASS
157	5785	MCS0	full	10	10.71	10.18	22.191	13.46	30	PASS
165	5825	MCS0	full	9.5	10.73	10.13	22.126	13.45	30	PASS
		MCS0	26/8	9	10.51	10.12	21.538	13.33	30	PASS
		MCS0	52/40	9	10.56	10.05	21.489	13.32	30	PASS
		MCS0	106/54	9	10.72	10.09	22.003	13.42	30	PASS
169	5845 (U-NII 3)	MCS0	full	9.5	9.56	9.08	17.131	12.34	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
169	5845 (U-NII 4)	MCS0	full	9.5	4.28	3.93	7.575	8.79	30	PASS
173	5865	MCS0	full	9.5	10.73	10.15	32.609	15.13	30	PASS
		MCS0	26/0	9.5	10.53	10.13	31.786	15.02	30	PASS
		MCS0	52/37	9.5	10.56	10.15	31.949	15.04	30	PASS
		MCS0	106/53	9.5	10.72	10.12	32.462	15.11	30	PASS
177	5885	MCS0	full	9.5	10.74	10.17	32.720	15.15	30	PASS
		MCS0	26/8	9	10.57	10.12	31.905	15.04	30	PASS
		MCS0	52/40	8	9.34	9.15	24.721	13.93	30	PASS
		MCS0	106/54	9	10.68	10.17	32.478	15.12	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_HE40_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	10.5	10.621	10.26	23.98	PASS
		MCS0	242/61	10.5	10.444	10.19	23.98	PASS
46	5230	MCS0	full	10	10.670	10.28	23.98	PASS
54	5270	MCS0	full	10	11.199	10.49	23.98	PASS
62	5310	MCS0	full	10	11.122	10.46	23.98	PASS
		MCS0	242/62	10	10.786	10.33	23.98	PASS
102	5510	MCS0	full	9.5	10.621	10.26	23.98	PASS
		MCS0	242/61	9.5	10.565	10.24	23.98	PASS
110	5550	MCS0	full	9.5	10.621	10.35	23.98	PASS
134	5670	MCS0	full	9.5	10.944	10.39	23.98	PASS
		MCS0	242/62	9.5	10.737	10.31	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	9	9.510	9.78	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	9	1.260	1.00	30	PASS
151	5755	MCS0	full	9.5	10.844	10.35	30	PASS
		MCS0	242/61	9.5	10.638	10.27	30	PASS
159	5795	MCS0	full	9.5	10.646	10.27	30	PASS
		MCS0	242/62	9.5	10.541	10.23	30	PASS
167	5835 (U-NII 3)	MCS0	full	9.5	10.877	10.37	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
167	5835 (U-NII 4)	MCS0	full	9.5	0.361	-4.43	30	PASS
175	5875	MCS0	full	9.5	16.076	12.06	30	PASS
		MCS0	242/61	9.5	15.917	12.02	30	PASS
		MCS0	242/62	9.5	15.591	11.93	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_HE40_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	10.5	10.332	10.14	23.98	PASS
		MCS0	242/61	10.5	10.230	10.10	23.98	PASS
46	5230	MCS0	full	10	10.261	10.11	23.98	PASS
54	5270	MCS0	full	10	10.476	10.20	23.98	PASS
62	5310	MCS0	full	10	10.214	10.09	23.98	PASS
		MCS0	242/62	10	10.113	10.05	23.98	PASS
102	5510	MCS0	full	9.5	10.214	10.09	23.98	PASS
		MCS0	242/61	9.5	10.090	10.04	23.98	PASS
110	5550	MCS0	full	9.5	10.214	10.03	23.98	PASS
134	5670	MCS0	full	9.5	10.284	10.12	23.98	PASS
		MCS0	242/62	9.5	10.113	10.05	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	9	9.109	9.59	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	9	1.200	0.79	30	PASS
151	5755	MCS0	full	9.5	10.670	10.28	30	PASS
		MCS0	242/61	9.5	10.277	10.12	30	PASS
159	5795	MCS0	full	9.5	10.500	10.21	30	PASS
		MCS0	242/62	9.5	10.444	10.19	30	PASS
167	5835 (U-NII 3)	MCS0	full	9.5	10.075	10.03	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
167	5835 (U-NII 4)	MCS0	full	9.5	0.341	-4.67	30	PASS
175	5875	MCS0	full	9.5	15.247	11.83	30	PASS
		MCS0	242/61	9.5	15.131	11.80	30	PASS
		MCS0	242/62	9.5	15.236	11.83	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_HE40_2TX

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
38	5190	MCS0	full	10	10.62	10.24	22.112	13.45	23.98	PASS
		MCS0	242/61	9.5	10.68	10.12	21.969	13.42	23.98	PASS
46	5230	MCS0	full	9.5	10.63	10.13	21.874	13.40	23.98	PASS
54	5270	MCS0	full	9.5	10.68	10.21	22.200	13.46	23.98	PASS
62	5310	MCS0	full	9.5	10.79	10.14	22.332	13.49	23.98	PASS
		MCS0	242/62	9	10.51	10.23	21.784	13.38	23.98	PASS
102	5510	MCS0	full	9.5	10.78	10.14	22.304	13.48	23.98	PASS
		MCS0	242/61	9	10.55	10.10	21.577	13.34	23.98	PASS
110	5550	MCS0	full	9.5	10.76	10.11	22.304	13.46	23.98	PASS
134	5670	MCS0	full	9.5	10.68	10.18	22.127	13.45	23.98	PASS
		MCS0	242/62	9	10.58	10.13	21.726	13.37	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	9	10.20	9.61	19.626	12.93	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	9	1.42	0.81	2.592	4.14	30	PASS
151	5755	MCS0	full	10	10.65	10.28	22.290	13.48	30	PASS
		MCS0	242/61	9.5	10.56	10.12	21.650	13.35	30	PASS
159	5795	MCS0	full	10	10.61	10.27	22.159	13.46	30	PASS
		MCS0	242/62	9.5	10.40	10.29	21.649	13.35	30	PASS
167	5835 (U-NII 3)	MCS0	full	9.5	10.47	10.03	21.206	13.26	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
					CH 0	CH 1				
167	5835 (U-NII 4)	MCS0	full	9.5	-6.02	-6.33	0.711	-1.48	30	PASS
175	5875	MCS0	full	9.5	10.60	10.17	32.192	15.08	30	PASS
		MCS0	242/61	9.5	10.52	10.14	31.756	15.02	30	PASS
		MCS0	242/62	9.5	10.46	10.17	31.634	15.00	30	PASS

802.11ax_HE80_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	11	11.120	10.46	23.98	PASS
		MCS0	484/65	10.5	11.024	10.42	23.98	PASS
58	5290	MCS0	full	10.5	11.146	10.47	23.98	PASS
		MCS0	484/66	10.5	10.998	10.41	23.98	PASS
106	5530	MCS0	full	10	11.044	10.43	23.98	PASS
		MCS0	484/65	10	10.674	10.28	23.98	PASS
122	5610	MCS0	full	10	10.693	10.29	23.98	PASS
		MCS0	484/66	10	10.479	10.20	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	10	10.355	10.15	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	10	0.689	-1.62	30	PASS
155	5775	MCS0	full	10	10.892	10.37	30	PASS
		MCS0	484/65	9.5	10.823	10.34	30	PASS
		MCS0	484/66	9.5	10.601	10.25	30	PASS
171	5855 (U-NII 3)	MCS0	full	9.5	4.749	6.77	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
171	5855 (U-NII 4)	MCS0	full	9.5	9.478	9.77	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11ax_HE80_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	11	10.142	10.06	23.98	PASS
		MCS0	484/65	10.5	10.054	10.02	23.98	PASS
58	5290	MCS0	full	10.5	10.118	10.05	23.98	PASS
		MCS0	484/66	10.5	10.077	10.03	23.98	PASS
106	5530	MCS0	full	10	10.165	10.07	23.98	PASS
		MCS0	484/65	10	10.054	10.02	23.98	PASS
122	5610	MCS0	full	10	10.354	10.15	23.98	PASS
		MCS0	484/66	10	10.217	10.09	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	10	9.858	9.94	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	10	0.665	-1.77	30	PASS
155	5775	MCS0	full	10	10.307	10.13	30	PASS
		MCS0	484/65	9.5	10.100	10.04	30	PASS
		MCS0	484/66	9.5	10.077	10.03	30	PASS
171	5855 (U-NII 3)	MCS0	full	9.5	4.429	6.46	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
171	5855 (U-NII 4)	MCS0	full	9.5	8.476	9.28	30	PASS

802.11ax_HE80_2TX

CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	Avg. POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
42	5210	MCS0	full	10.5	10.80	10.09	22.238	13.47	23.98	PASS
		MCS0	484/65	10	10.71	10.09	22.002	13.42	23.98	PASS
58	5290	MCS0	full	10	10.62	10.13	21.844	13.39	23.98	PASS
		MCS0	484/66	10	10.56	10.10	21.626	13.35	23.98	PASS
106	5530	MCS0	full	10	10.74	10.14	22.191	13.46	23.98	PASS
		MCS0	484/65	9.5	10.55	10.10	21.599	13.34	23.98	PASS
122	5610	MCS0	full	10	10.62	10.27	22.182	13.46	23.98	PASS
		MCS0	484/66	9.5	10.52	10.14	21.616	13.35	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	9.5	10.39	9.98	20.892	13.20	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	9.5	-1.38	-1.73	1.399	1.46	30	PASS
155	5775	MCS0	full	10	10.76	10.15	22.270	13.48	30	PASS
		MCS0	484/65	9.5	10.48	10.06	21.324	13.29	30	PASS
		MCS0	484/66	9.5	10.40	10.19	21.428	13.31	30	PASS
171	5855 (U-NII 3)	MCS0	full	10	7.00	6.50	9.477	9.77	30	PASS
CH	Frequency (MHz)	Data Rate	RU config.	Power Setting	Avg. POWER (dBm)		TOTAL POWER (dBm)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
171	5855 (U-NII 4)	MCS0	full	10	CH 0	CH 1	18.543	12.68	30	PASS

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

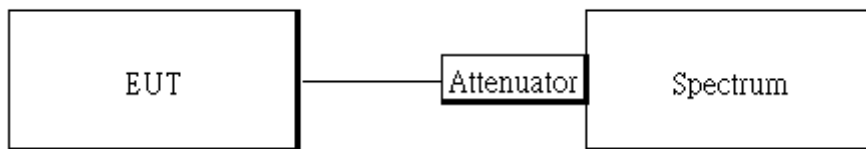
10 MAXIMUM POWER SPECTRAL DENSITY

10.1 FCC Standard

Operation Bands	EUT CATEGORY		e-CRF Title 47 §15.407 Power Spectral Density	Antenna Directional Gain Requirements
U-NII-1		Outdoor Access Point (Master)	1. 17dBm/ MHz 2. EIRP<=125mW(21dBm) at any elevation angle > 30°	6dBi
		Indoor Access Point (Master)	17dBm / MHz	6dBi
		Fixed point-to-point Access Ponit	17dBm / MHz	23dBi
	V	Client device	11dBm / MHz	6dBi
U-NII-2A	V	All	11dBm / MHz	6dBi
U-NII-2C	V	All	11dBm / MHz	6dBi
U-NII-3	V	All	30dBm / 500kHz	6dBi
U-NII-4		Indoor AP	20dBm / MHz e.i.r.p.	Not required
	V	Indoor client	14dBm / MHz e.i.r.p.	Not required
		Subordinate device	20dBm / MHz e.i.r.p.	Not required

If transmitting antennas of directional gain greater than the antenna requirements column, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna.

10.2 Test Setup



10.3 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. **For U-NII1, U-NII-2A, U-NII-2C Band:**
Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

(1001 pts), Detector = power averaging (rms), if available. Otherwise, use sample detector mode, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)

For U-NII-3 Band:

Set RBW=300kHz, VBW=1MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto, detector = RMS or sample, traces 100 sweeps of video averaging.

In addition, measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500 kHz/RBW) to the measured result.

5. Use the cursor on spectrum to peak search the highest level of trace
6. (1)Duty cycle ≥ 98% : Record the max. reading.
(2)Duty cycle < 98% : Record the max. reading and add 10 log(1/duty cycle).
7. Repeat above procedures until all default test channel (low, middle, and high) was complete.

Note: For the test of PSD at MIMO mode, the highest emission of worst case employing Measure and add 10 log (N) technical is reported after the comparison between Main Antenna at single transmitting mode and Aux that yields the higher value. The MIMO transmitting mode produces higher value of outcome.

Note:

For U-NII1, 2A, 2C and 3 Bands, when the antenna gain is greater than 6 dBi, the power spectral density limit attenuated accordingly.

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$\bullet \quad \text{DirectionalGain} = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

g_{j,k} = / 20 10Gk if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

10.4 Measurement Result

POWER DENSITY 802.11a MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	-0.793	0.164	1.06	3.78		11.00 dBm/MHz	-7.22
5220	-0.681	0.557	1.06	4.05		11.00 dBm/MHz	-6.95
5240	-0.407	0.109	1.06	3.93		11.00 dBm/MHz	-7.07
5260	4.411	3.837	1.06	8.20		11.00 dBm/MHz	-2.80
5300	3.856	4.405	1.06	8.21		11.00 dBm/MHz	-2.79
5320	4.102	3.885	1.06	8.07		11.00 dBm/MHz	-2.93
5500	4.840	3.957	1.06	8.49		11.00 dBm/MHz	-2.51
5580	5.536	5.158	1.06	9.42		11.00 dBm/MHz	-1.58
5700	4.779	4.618	1.06	8.77		11.00 dBm/MHz	-2.23
5720 (U-NII 2C)	4.580	4.700	1.06	8.71		11.00 dBm/MHz	-2.29
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-2.330	-1.680	1.06	2.22	4.30	30.00 dBm/500kHz	-25.70
5745	-2.339	-3.496	1.06	2.22	3.41	30.00 dBm/500kHz	-26.59
5785	-2.933	-4.871	1.06	2.22	2.50	30.00 dBm/500kHz	-27.50
5825	1.387	0.494	1.06	2.22	7.25	30.00 dBm/500kHz	-22.75
5845 (U-NII 3)	-5.560	-6.830	1.06	2.22	0.14	30.00 dBm/500kHz	-29.86
Frequency (MHz)	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	EIRP PSD (dBm/MHz)	EIRP PSD Limit	Margin (dB)
5845 (U-NII4)	-1.360	-3.550	1.06	1.75	6.44	14.00 dBm/MHz	-12.25
5865	-35.650	-40.500	1.06	-33.36	-28.67	14.00 dBm/MHz	-47.36
5885	0.370	-1.250	1.06	3.71	8.40	14.00 dBm/MHz	-10.29

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

POWER DENSITY 802.11n HT20 MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	-0.889	-0.697	1.11	3.33		11.00 dBm/MHz	-7.67
5220	-1.507	-0.583	1.11	3.10		11.00 dBm/MHz	-7.90
5240	-1.208	-0.331	1.11	3.37		11.00 dBm/MHz	-7.63
5260	-0.972	-1.384	1.11	2.95		11.00 dBm/MHz	-8.05
5300	-1.537	-0.678	1.11	3.03		11.00 dBm/MHz	-7.97
5320	-1.106	-1.091	1.11	3.02		11.00 dBm/MHz	-7.98
5500	-1.640	-1.593	1.11	2.50		11.00 dBm/MHz	-8.50
5580	-2.800	-0.564	1.11	2.58		11.00 dBm/MHz	-8.42
5700	-0.804	-0.249	1.11	3.60		11.00 dBm/MHz	-7.40
5720 (U-NII 2C)	-0.590	-0.320	1.11	3.67		11.00 dBm/MHz	-7.33
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	-7.670	-6.820	1.11	2.22	-0.88	30.00 dBm/500kHz	-30.88
5745	-5.746	-5.828	1.11	2.22	0.55	30.00 dBm/500kHz	-29.45
5785	-6.818	-7.118	1.11	2.22	-0.63	30.00 dBm/500kHz	-30.63
5825	-4.211	-5.786	1.11	2.22	1.41	30.00 dBm/500kHz	-28.59
5845 (U-NII 3)	-8.800	-9.370	1.11	2.22	-2.74	30.00 dBm/500kHz	-32.74
Frequency (MHz)	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	EIRP PSD (dBm/MHz)	EIRP PSD Limit	Margin (dB)
5845 (U-NII4)	-5.040	-6.920	1.11	-1.76	2.93	14.00 dBm/MHz	-15.76
5865	-41.860	-43.910	1.11	-38.64	-33.95	14.00 dBm/MHz	-52.64
5885	-3.100	-4.490	1.11	0.38	5.07	14.00 dBm/MHz	-13.62
POWER DENSITY 802.11n HT40 MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	-4.001	-3.080	1.11	0.60		11.00 dBm/MHz	-10.40
5230	-3.801	-2.441	1.11	1.05		11.00 dBm/MHz	-9.95
5270	-3.640	-3.335	1.11	0.64		11.00 dBm/MHz	-10.36
5310	-3.467	-3.473	1.11	0.65		11.00 dBm/MHz	-10.35
5510	-3.928	-3.541	1.11	0.39		11.00 dBm/MHz	-10.61
5550	-2.975	-3.359	1.11	0.96		11.00 dBm/MHz	-10.04
5670	-2.884	-3.060	1.11	1.15		11.00 dBm/MHz	-9.85
5710 (U-NII 2C)	-2.380	-2.350	1.11	1.76		11.00 dBm/MHz	-9.24
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-12.940	-12.080	1.11	2.22	-6.15	30.00 dBm/500kHz	-36.15
5755	-8.829	-9.826	1.11	2.22	-2.96	30.00 dBm/500kHz	-32.96
5795	-8.180	-8.960	1.11	2.22	-2.21	30.00 dBm/500kHz	-32.21
5835 (U-NII 3)	-12.020	-12.720	1.11	2.22	-6.02	30.00 dBm/500kHz	-36.02
Frequency (MHz)	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	EIRP PSD (dBm/MHz)	EIRP PSD Limit	Margin (dB)
5835 (U-NII4)	-10.160	-12.980	1.11	-7.22	-2.53	14.00 dBm/MHz	-21.22
5875	-49.350	-52.000	1.11	-46.36	-41.67	14.00 dBm/MHz	-60.36

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

POWER DENSITY 802.11ac VHT80 MODE							
Frequency (MHz)	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	-9.406	-8.769	3.33	-2.74		11.00 dBm/MHz	-13.74
5290	-8.885	-9.247	3.33	-2.72		11.00 dBm/MHz	-13.72
5530	-8.145	-9.048	3.33	-2.23		11.00 dBm/MHz	-13.23
5610	-7.837	-8.222	3.33	-1.68		11.00 dBm/MHz	-12.68
5690 (U-NII 2C)	-9.050	-6.770	3.33	-1.42		11.00 dBm/MHz	-12.42
Frequency (MHz)	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-18.340	-17.340	3.33	2.22	-9.25	30.00 dBm/500kHz	-39.25
5775	-12.490	-13.330	3.33	2.22	-4.33	30.00 dBm/500kHz	-34.33
5855 (U-NII 3)	-16.350	-17.370	3.33	2.22	-8.27	30.00 dBm/500kHz	-38.27
Frequency (MHz)	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	EIRP PSD (dBm/MHz)	EIRP PSD Limit	Margin (dB)
5855 (U-NII4)	-9.850	-10.960	3.33	-4.03	0.66	14.00 dBm/MHz	-18.03

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

POWER DENSITY 802.11ax HE20 MODE								
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	-2.678	-3.001	1.40	1.57		11.00 dBm/MHz	-9.43
	26/0	-0.334	0.500	0.86	3.97		11.00 dBm/MHz	-7.03
	52/37	0.189	-0.186	0.94	3.96		11.00 dBm/MHz	-7.04
	106/53	-1.210	-0.733	1.04	3.09		11.00 dBm/MHz	-7.91
5220	full	-3.242	-3.547	1.40	1.02		11.00 dBm/MHz	-9.98
5240	full	-3.388	-3.631	1.40	0.90		11.00 dBm/MHz	-10.10
5260	full	-3.869	-3.955	1.40	0.50		11.00 dBm/MHz	-10.50
5300	full	-4.105	-4.788	1.40	-0.02		11.00 dBm/MHz	-11.02
5320	full	-4.137	-4.724	1.40	-0.01		11.00 dBm/MHz	-11.01
	26/8	3.683	4.517	0.86	7.99		11.00 dBm/MHz	-3.01
	52/40	1.285	1.144	0.94	5.17		11.00 dBm/MHz	-5.83
	106/54	-2.019	-1.876	1.04	2.10		11.00 dBm/MHz	-8.90
5500	full	-4.323	-4.507	1.40	0.00		11.00 dBm/MHz	-11.00
	26/0	2.254	3.470	0.86	6.77		11.00 dBm/MHz	-4.23
	52/37	-0.003	0.601	0.94	4.26		11.00 dBm/MHz	-6.74
	106/53	-2.548	-2.154	1.04	1.70		11.00 dBm/MHz	-9.30
5580	full	-3.729	-3.822	1.40	0.64		11.00 dBm/MHz	-10.36
5700	full	-2.974	-2.934	1.40	1.46		11.00 dBm/MHz	-9.54
	26/8	5.521	5.583	0.86	9.42		11.00 dBm/MHz	-1.58
	52/40	2.158	2.747	0.94	6.41		11.00 dBm/MHz	-4.59
	106/54	-0.344	-0.678	1.04	3.54		11.00 dBm/MHz	-7.46
5720 (U-NII 2C)	full	-3.240	-2.690	1.40	1.45		11.00 dBm/MHz	-9.55
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	full	-9.580	-8.810	1.40	2.22	-2.55	30.00 dBm/500kHz	-32.55
5745	full	-8.535	-6.768	1.40	2.22	-0.93	30.00 dBm/500kHz	-30.93
	26/0	1.396	-0.678	0.86	2.22	6.57	30.00 dBm/500kHz	-23.43
	52/37	-0.981	-2.779	0.94	2.22	4.38	30.00 dBm/501kHz	-25.62
	106/53	-4.106	-5.822	1.04	2.22	1.39	30.00 dBm/502kHz	-28.61
5785	full	-8.472	-7.356	1.40	2.22	-1.25	30.00 dBm/503kHz	-31.25
5825	full	-9.228	-7.338	1.40	2.22	-1.55	30.00 dBm/504kHz	-31.55
	26/8	1.600	-0.209	0.86	2.22	6.88	30.00 dBm/505kHz	-23.12
	52/40	-1.489	-3.729	0.94	2.22	3.70	30.00 dBm/506kHz	-26.30
	106/54	-4.413	-6.641	1.04	2.22	0.88	30.00 dBm/507kHz	-29.12
5845 (U-NII 3)	full	-10.490	-12.210	1.40	2.22	-4.64	30.00 dBm/508kHz	-34.64
Frequency (MHz)		ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	EIRP PSD (dBm/MHz)	EIRP PSD Limit	Margin (dB)
5845 (U-NII4)	full	-6.710	-7.950	1.40	-2.88	1.81	14.00 dBm/MHz	-16.88
5865	full	-47.500	-49.500	1.40	-43.98	-39.29	14.00 dBm/MHz	-57.98
	26/0	0.000	0.000	0.86	3.87	8.56	14.00 dBm/MHz	-10.13
	52/37	0.000	0.000	0.94	3.95	8.64	14.00 dBm/MHz	-10.05
	106/53	0.000	0.000	1.04	4.05	8.74	14.00 dBm/MHz	-9.95
5885	full	-4.590	-6.020	1.40	-0.84	3.85	14.00 dBm/MHz	-14.84
	26/8	0.000	0.000	0.86	3.87	8.56	14.00 dBm/MHz	-10.13
	52/40	0.000	0.000	0.94	3.95	8.64	14.00 dBm/MHz	-10.05
	106/54	0.000	0.000	1.04	4.05	8.74	14.00 dBm/MHz	-9.95

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

POWER DENSITY 802.11ax HE40 MODE								
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190	full	-6.572	-6.739	2.30	-1.34		11.00 dBm/MHz	-12.34
	242/61	-5.956	-4.704	1.18	-1.09		11.00 dBm/MHz	-12.09
5230	full	-7.147	-7.525	2.30	-2.02		11.00 dBm/MHz	-13.02
5270	full	-7.402	-6.866	2.30	-1.82		11.00 dBm/MHz	-12.82
5310	full	-7.570	-8.534	2.30	-2.72		11.00 dBm/MHz	-13.72
	242/62	-6.457	-5.666	1.18	-1.85		11.00 dBm/MHz	-12.85
5510	full	-7.345	-7.827	2.30	-2.27		11.00 dBm/MHz	-13.27
	242/61	-6.000	-5.530	1.18	-1.57		11.00 dBm/MHz	-12.57
5550	full	-6.864	-7.486	2.30	-1.85		11.00 dBm/MHz	-12.85
	242/62	-6.007	-5.811	2.30	-0.60		11.00 dBm/MHz	-11.60
5670	full	-6.007	-5.811	2.30	-0.60		11.00 dBm/MHz	-11.60
	242/62	-4.552	-4.571	1.18	-0.37		11.00 dBm/MHz	-11.37
5710 (U-NII 2C)	full	-6.470	-6.950	2.30	-1.39		11.00 dBm/MHz	-12.39
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-15.240	-15.420	2.30	2.22	-7.80	30.00 dBm/500kHz	-37.80
5755	full	-11.710	-9.946	2.30	2.22	-3.21	30.00 dBm/501kHz	-33.21
	242/61	-9.307	-10.690	1.18	2.22	-3.53	30.00 dBm/502kHz	-33.53
5795	full	-11.000	-10.590	2.30	2.22	-3.26	30.00 dBm/503kHz	-33.26
	242/62	-9.439	-10.110	1.18	2.22	-3.35	30.00 dBm/504kHz	-33.35
5835 (U-NII 3)	full	-13.950	-15.770	2.30	2.22	-7.24	30.00 dBm/505kHz	-37.24
Frequency (MHz)		ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	EIRP PSD (dBm/MHz)	Limit	Margin (dB)
5835 (U-NII4)	full	-10.500	-12.690	2.30	-6.15	-1.46	14.00 dBm/MHz	-20.15
5875	full	-51.250	-52.050	2.30	-46.32	-41.63	14.00 dBm/MHz	-60.32
	242/61	0.000	0.000	1.18	4.19	8.88	14.00 dBm/MHz	-9.81
	242/62	0.000	0.000	1.18	4.19	8.88	14.00 dBm/MHz	-9.81

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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

POWER DENSITY 802.11ax HE80 MODE								
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/MHz)	Ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210	full	-10.940	-9.294	3.61	-3.42		11.00 dBm/MHz	-14.42
	484/65	-8.235	-7.845	2.07	-2.96		11.00 dBm/MHz	-13.96
5290	full	-11.890	-10.920	3.61	-4.76		11.00 dBm/MHz	-15.76
	484/66	-9.150	-9.066	2.07	-4.03		11.00 dBm/MHz	-15.03
5530	full	-10.650	-12.250	3.61	-4.76		11.00 dBm/MHz	-15.76
	484/65	-8.281	-8.802	2.07	-3.45		11.00 dBm/MHz	-14.45
5610	full	-10.590	-11.620	3.61	-4.45		11.00 dBm/MHz	-15.45
	484/66	-8.978	-9.213	2.07	-4.01		11.00 dBm/MHz	-15.01
5690 (U-NII 2C)	full	-9.870	-8.730	3.61	-2.64		11.00 dBm/MHz	-13.64
Frequency (MHz)	RU config.	Ch0 meas PSD (dBm/300kHz)	Ch1 meas PSD (dBm/300kHz)	Duty Factor (dB)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD (dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-21.370	-18.460	3.61	2.22	-10.84	30.00 dBm/500kHz	-40.84
5775	full	-14.550	-15.510	3.61	2.22	-6.16	30.00 dBm/500kHz	-36.16
	484/65	-11.780	-13.720	2.07	2.22	-5.34	30.00 dBm/501kHz	-35.34
	484/66	-12.940	-14.610	2.07	2.22	-6.39	30.00 dBm/502kHz	-36.39
5855 (U-NII 3)	full	-18.920	-19.800	3.61	2.22	-10.50	30.00 dBm/503kHz	-40.50
Frequency (MHz)		ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Duty Factor (dB)	Total Corr'd PSD(dBm/MHz)	EIRP PSD (dBm/MHz)	Limit	Margin (dB)
5855 (U-NII4)	full	-11.090	-12.810	3.61	-5.25	-0.56	14.00 dBm/MHz	-19.25

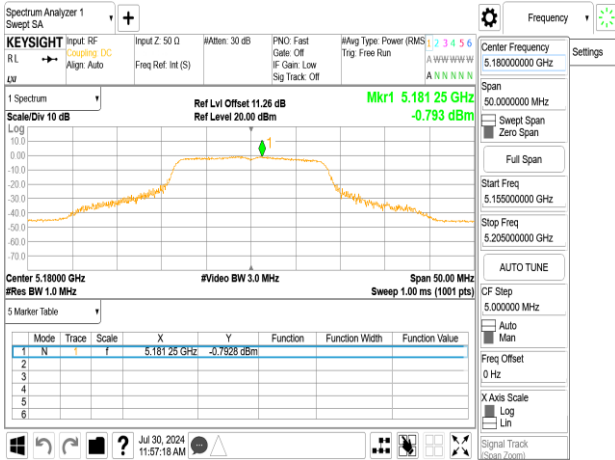
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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。

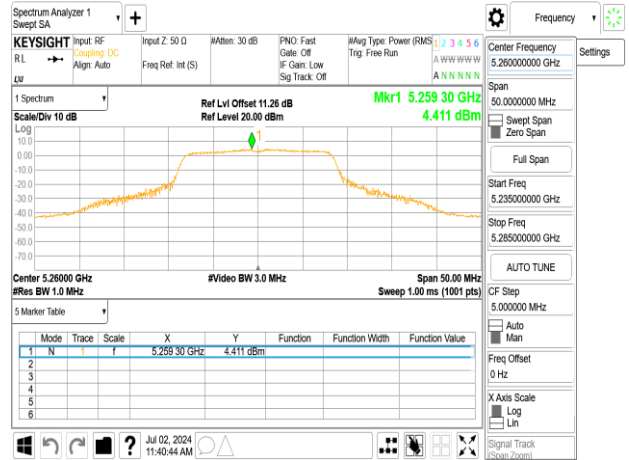
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

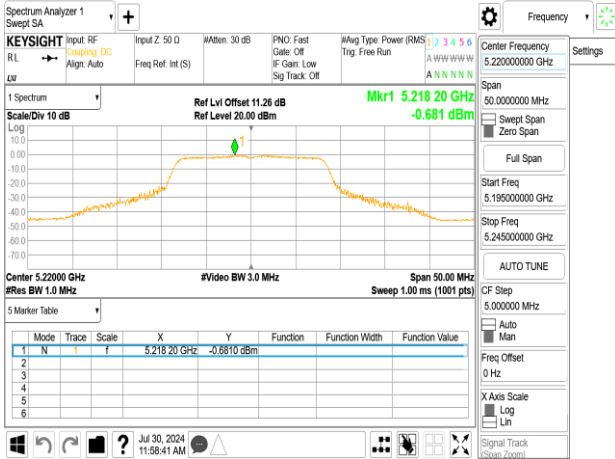
802.11a_20MHz_Chain0_5180MHz



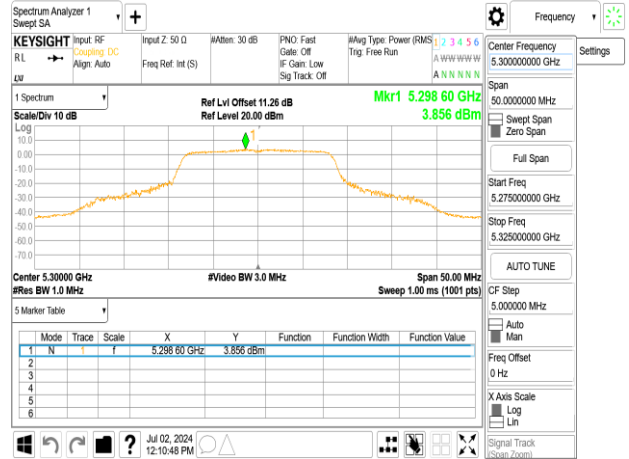
802.11a_20MHz_Chain0_5260MHz



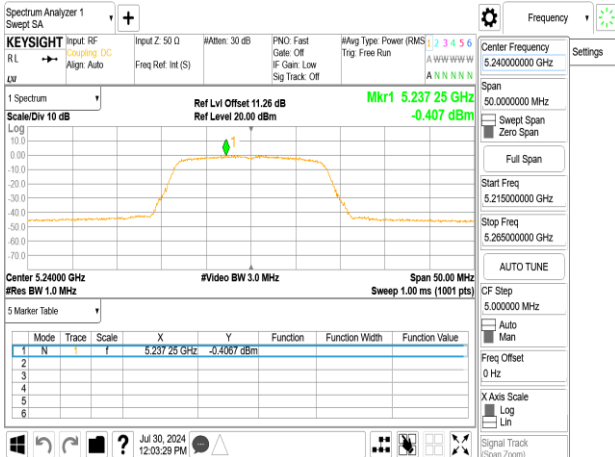
802.11a_20MHz_Chain0_5220MHz



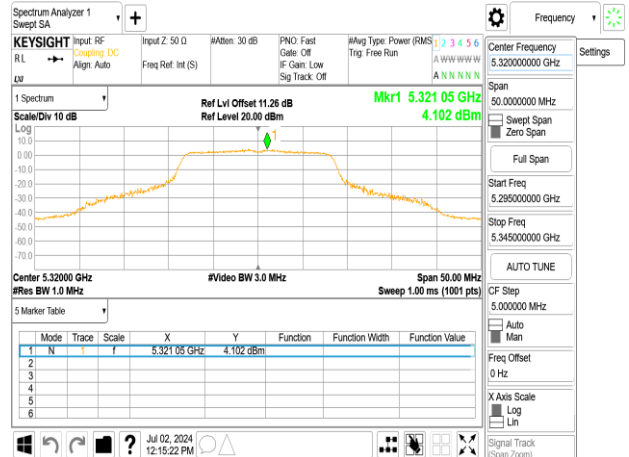
802.11a_20MHz_Chain0_5300MHz



802.11a_20MHz_Chain0_5240MHz



802.11a_20MHz_Chain0_5320MHz

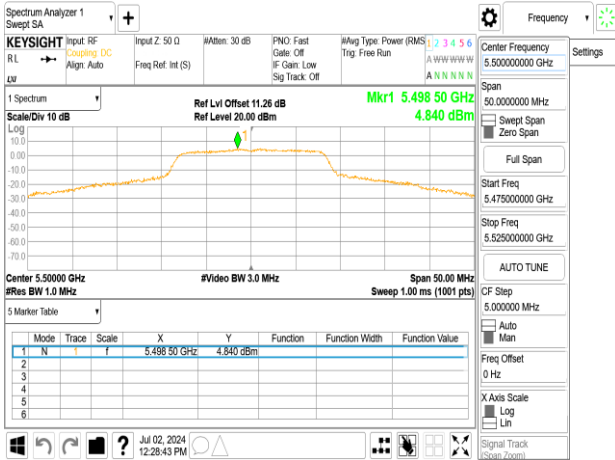


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

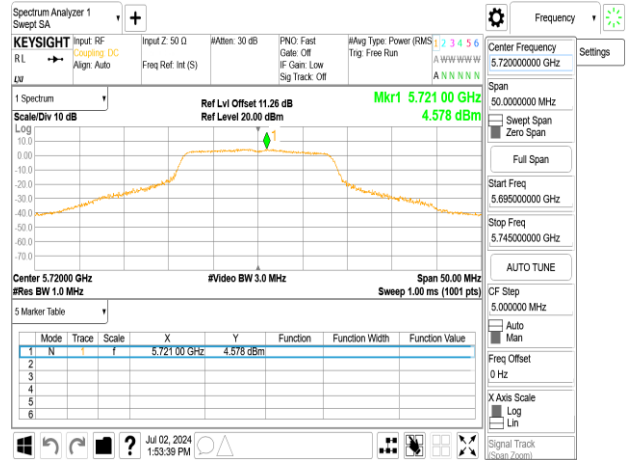
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

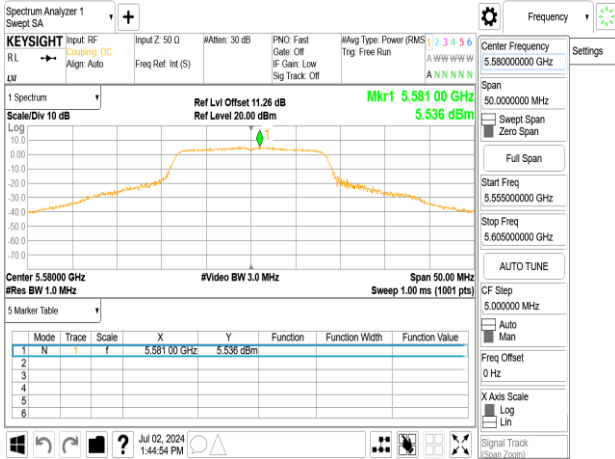
802.11a_20MHz_Chain0_5500MHz



802.11a_20MHz_Chain0_5720MHz_UNII_2C



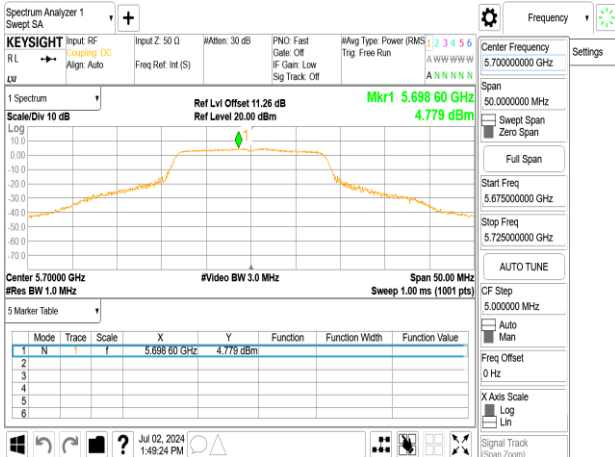
802.11a_20MHz_Chain0_5580MHz



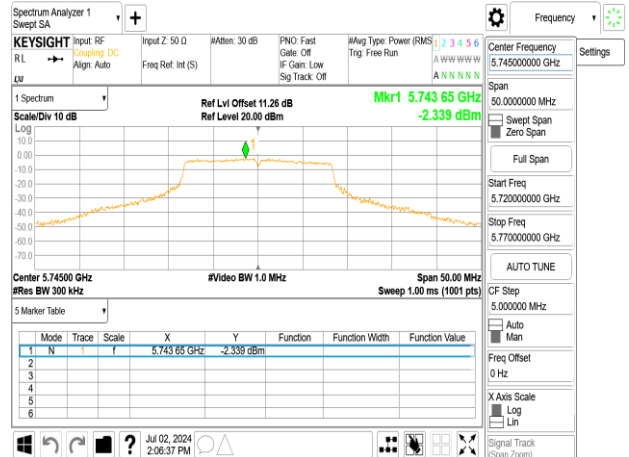
802.11a_20MHz_Chain0_5720MHz_UNII_3



802.11a_20MHz_Chain0_5700MHz



802.11a_20MHz_Chain0_5745MHz

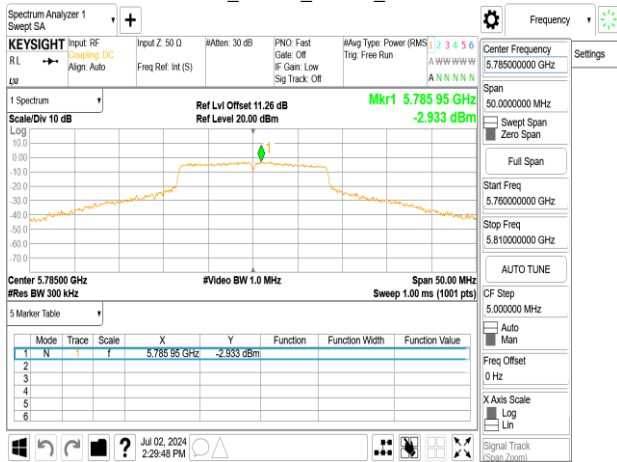


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

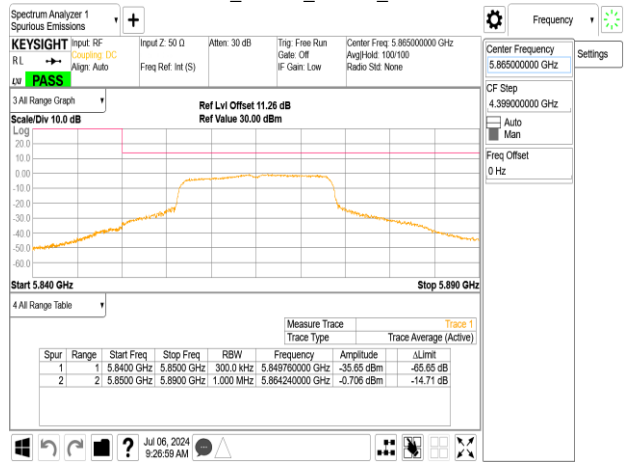
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

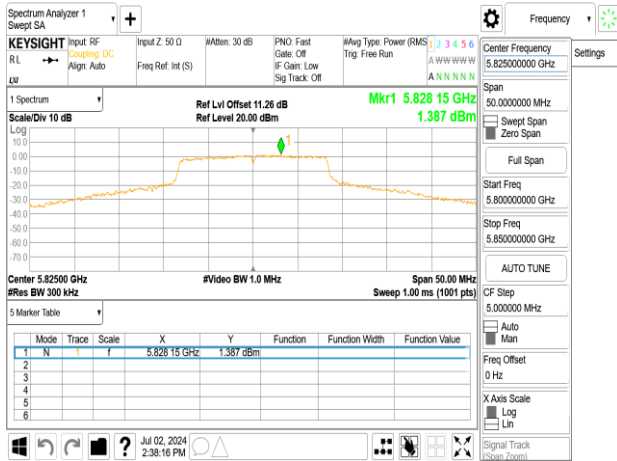
802.11a_20MHz_Chain0_5785MHz



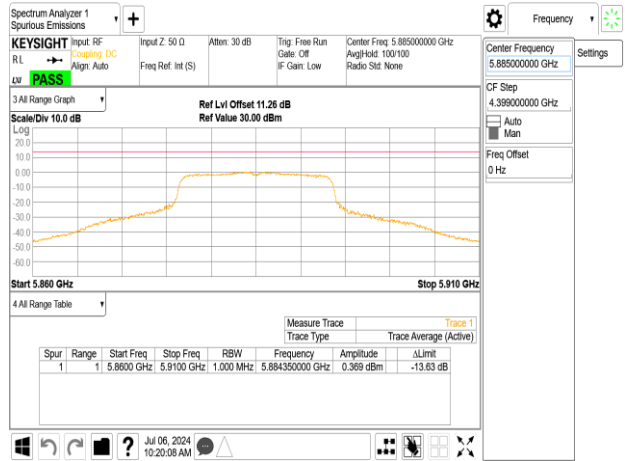
802.11a_20MHz_Chain0_5865MHz



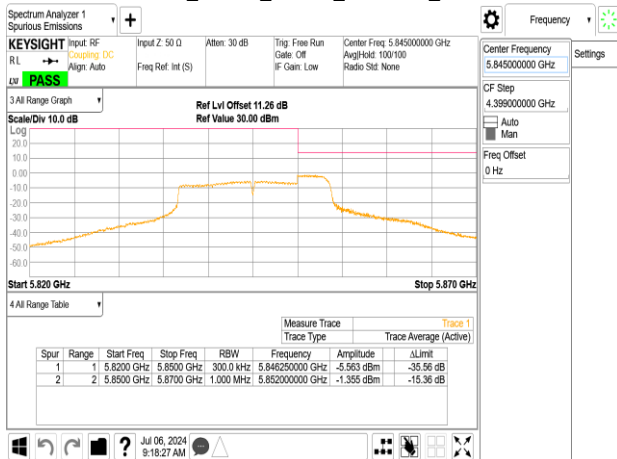
802.11a_20MHz_Chain0_5825MHz



802.11a_20MHz_Chain0_5885MHz



802.11a_20MHz_Chain0_5845MHz_UNII 2C



802.11a_20MHz_Chain1_5180MHz

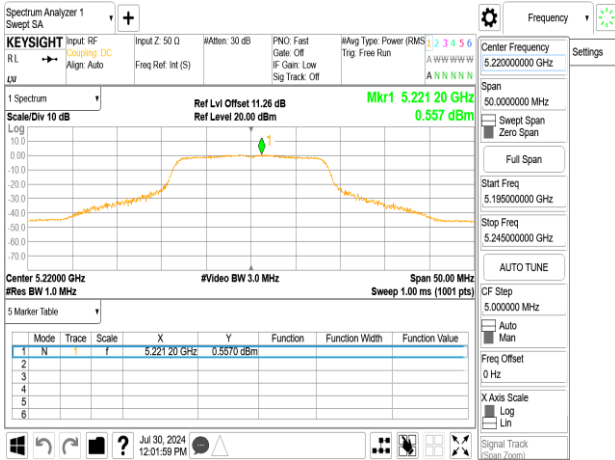


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

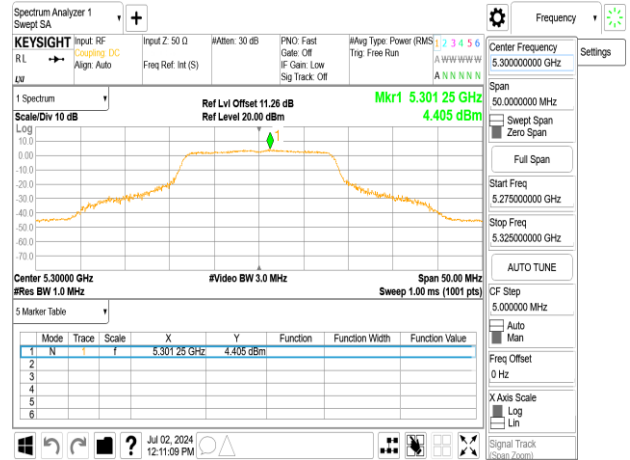
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

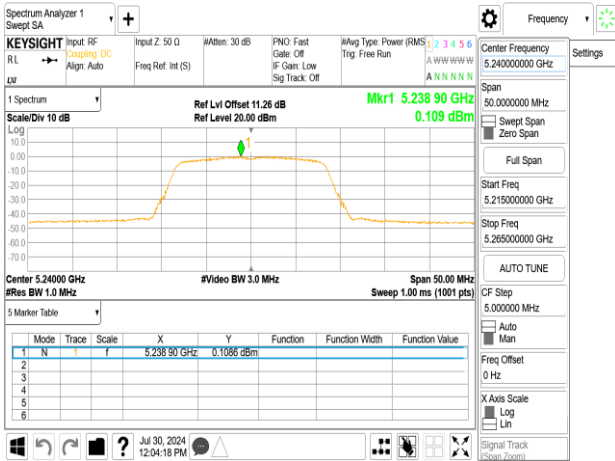
802.11a_20MHz_Chain1_5220MHz



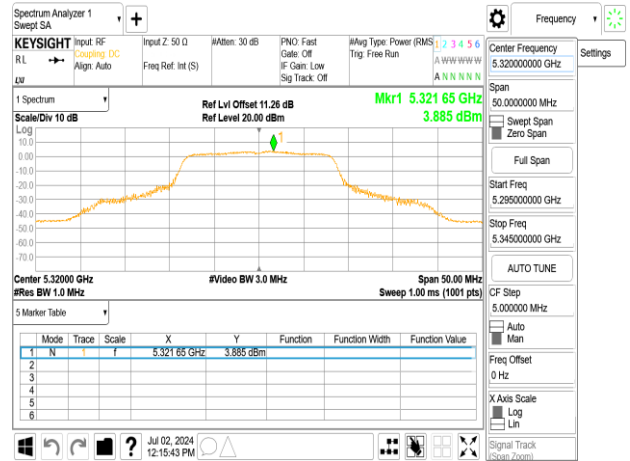
802.11a_20MHz_Chain1_5300MHz



802.11a_20MHz_Chain1_5240MHz



802.11a_20MHz_Chain1_5320MHz



802.11a_20MHz_Chain1_5260MHz



802.11a_20MHz_Chain1_5500MHz

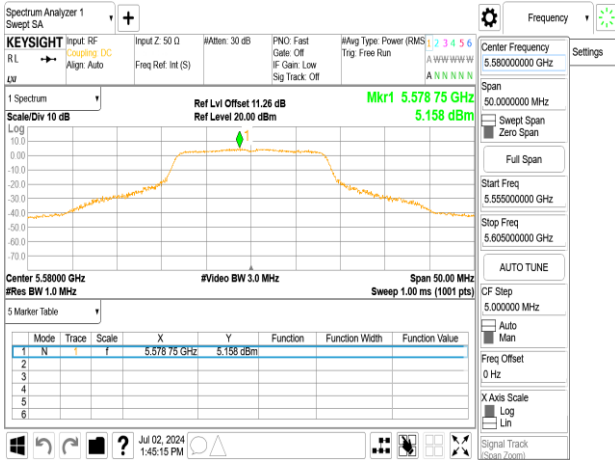


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

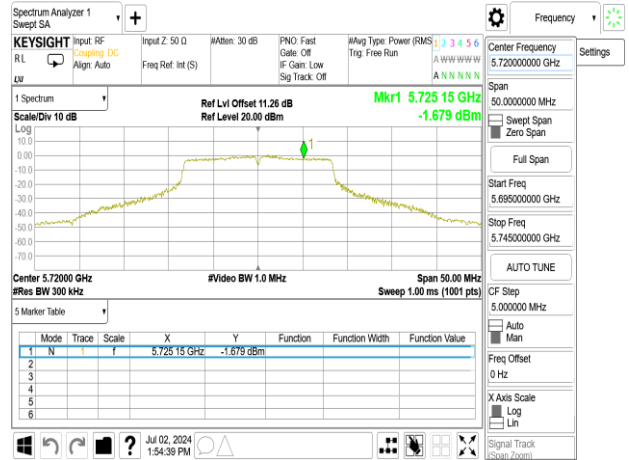
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

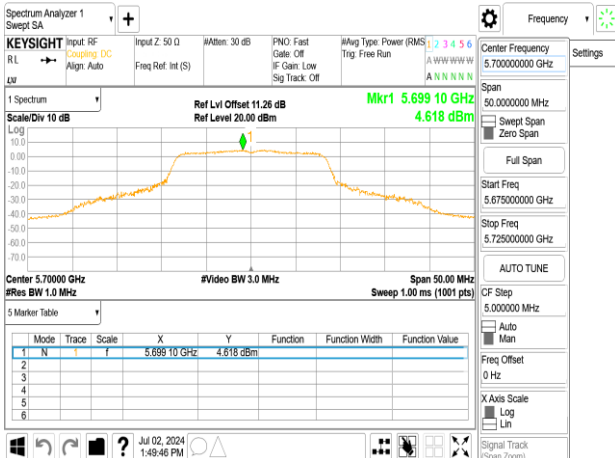
802.11a_20MHz_Chain1_5580MHz



802.11a_20MHz_Chain1_5720MHz_UNII 3



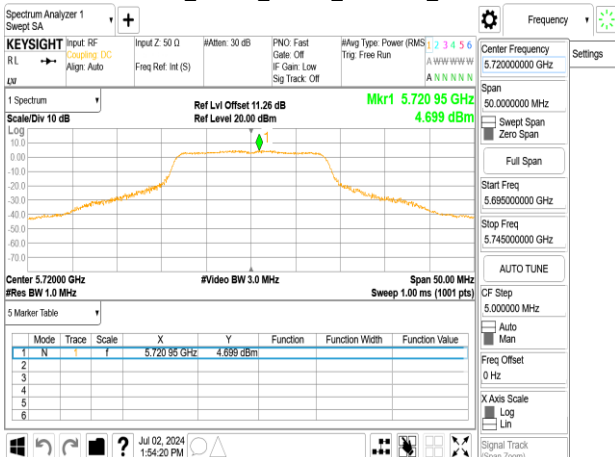
802.11a_20MHz_Chain1_5700MHz



802.11a_20MHz_Chain1_5745MHz



802.11a_20MHz_Chain1_5720MHz_UNII 2C



802.11a_20MHz_Chain1_5785MHz

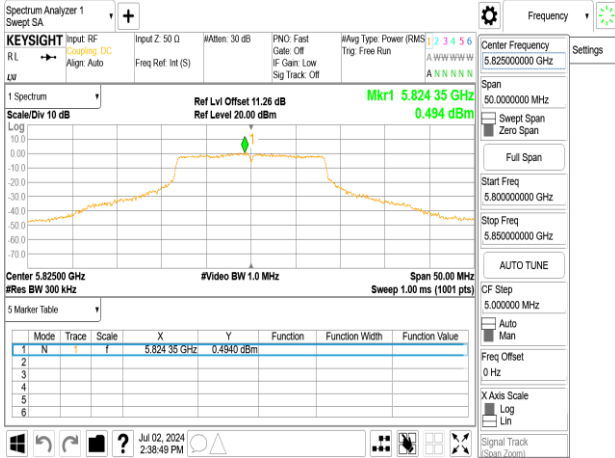


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

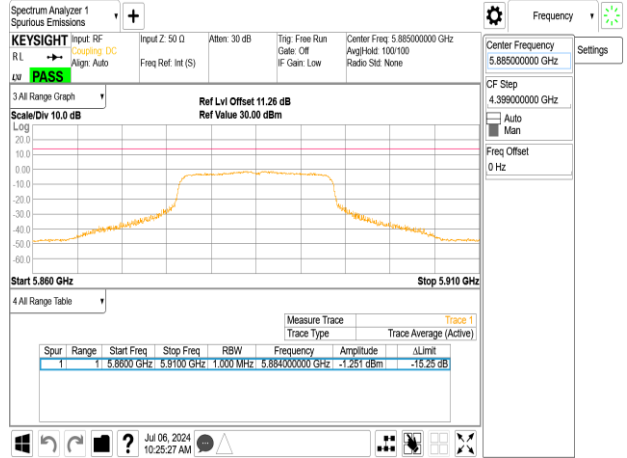
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11a_20MHz_Chain1_5825MHz



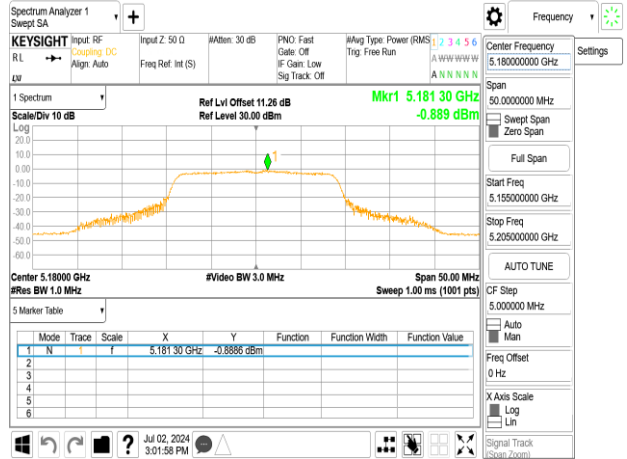
802.11a_20MHz_Chain1_5885MHz



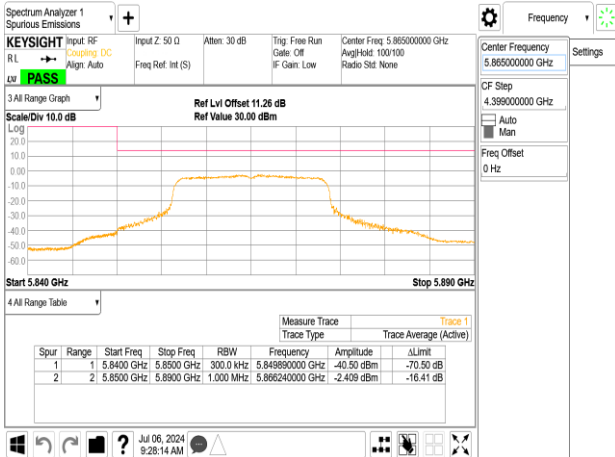
802.11a_20MHz_Chain1_5845MHz_UNII 2C



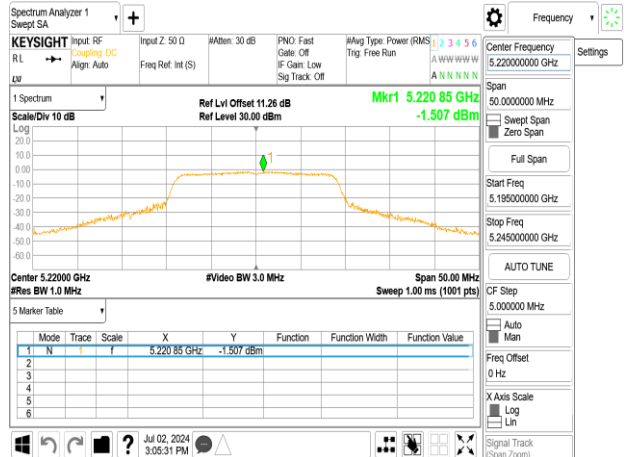
802.11n_20MHz_Chain0_5180MHz



802.11a_20MHz_Chain1_5865MHz



802.11n_20MHz_Chain0_5220MHz

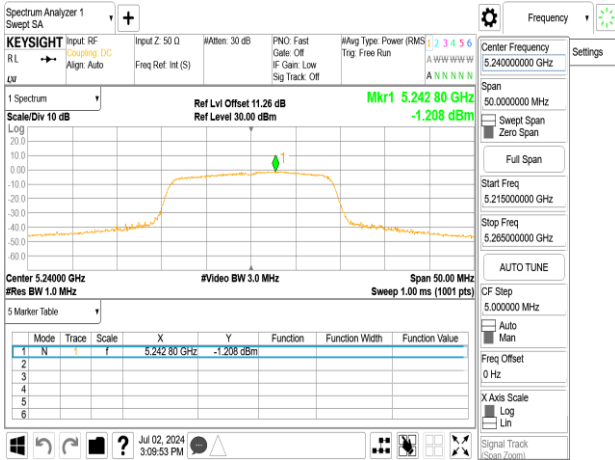


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

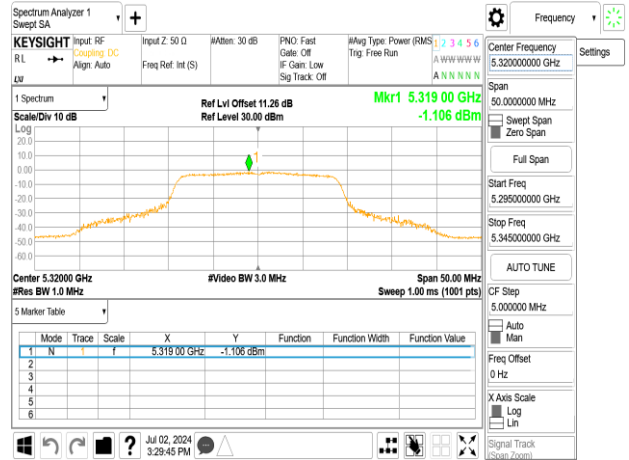
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

802.11n_20MHz_Chain0_5240MHz



802.11n_20MHz_Chain0_5320MHz



802.11n_20MHz_Chain0_5260MHz



802.11n_20MHz_Chain0_5500MHz



802.11n_20MHz_Chain0_5300MHz



802.11n_20MHz_Chain0_5580MHz



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。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.