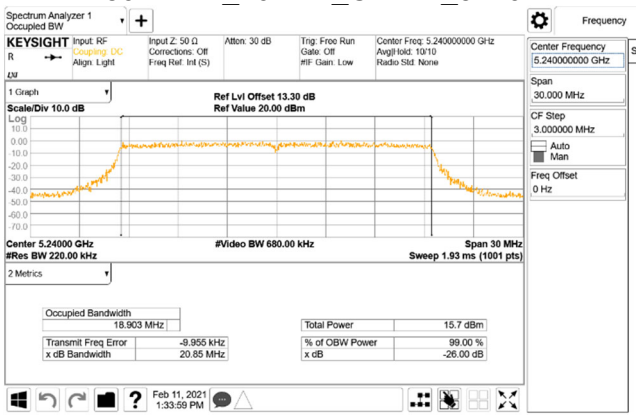
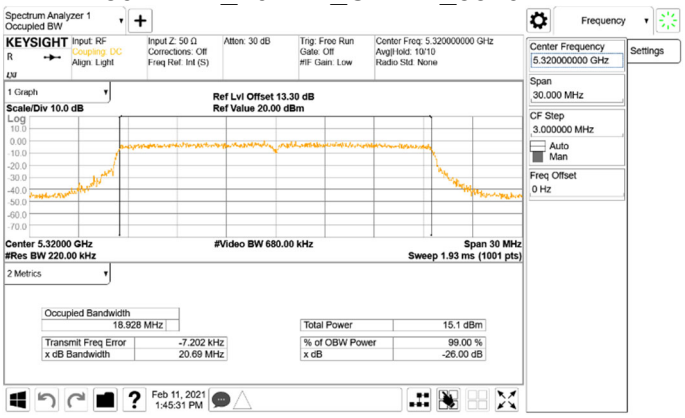
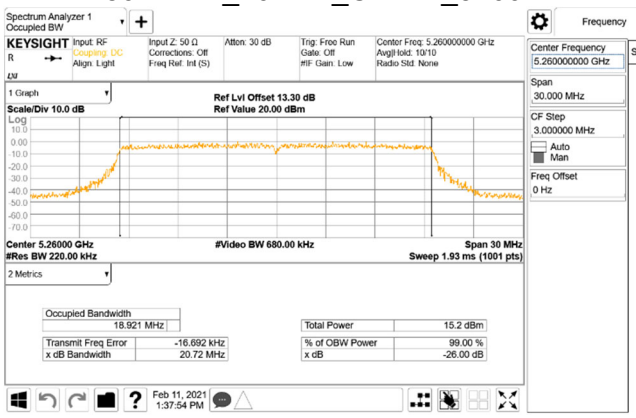
802.11ax_20MHz_Chain1_5240MHz



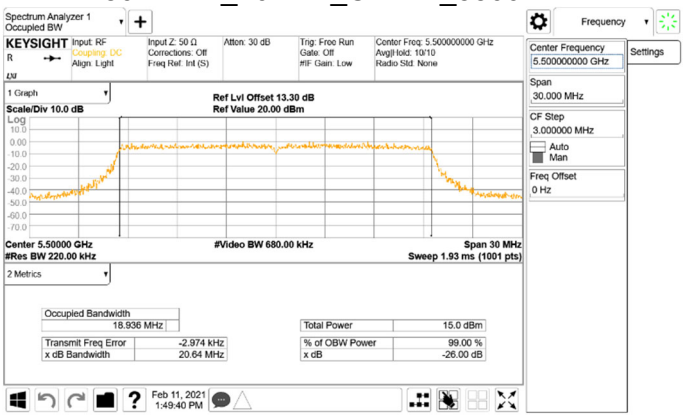
802.11ax_20MHz_Chain1_5320MHz



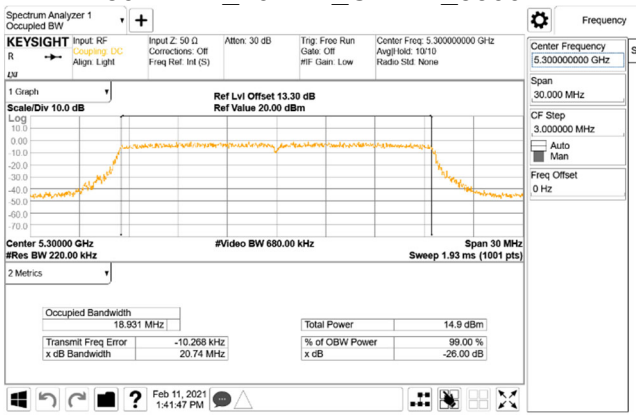
802.11ax_20MHz_Chain1_5260MHz



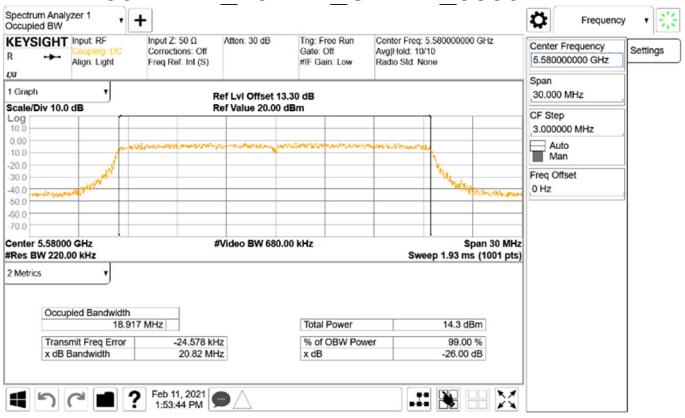
802.11ax_20MHz_Chain1_5500MHz



802.11ax_20MHz_Chain1_5300MHz



802.11ax_20MHz_Chain1_5580MHz



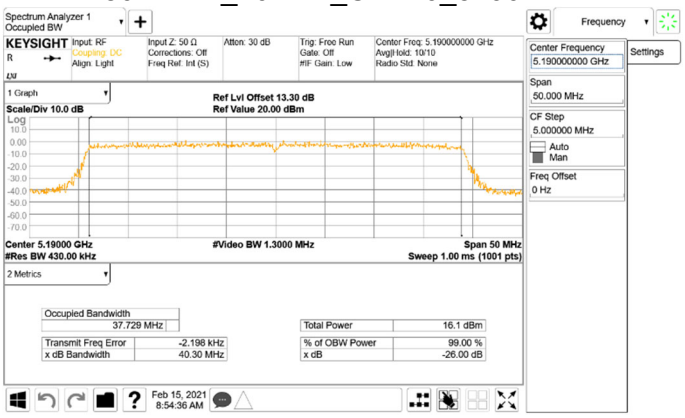
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, 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.

802.11ax_20MHz_Chain1_5700MHz

802.11ax_20MHz_Chain1_5825MHz

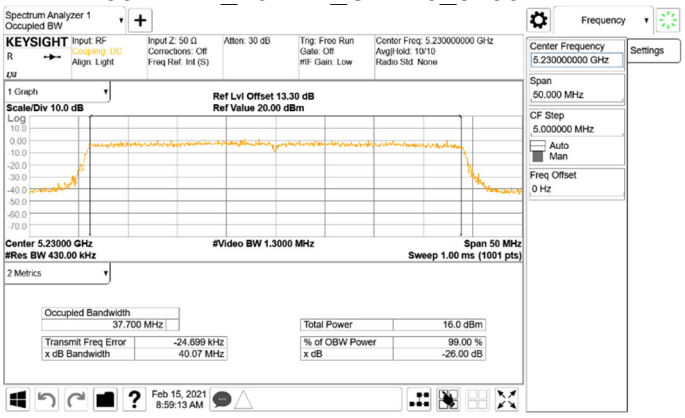
802.11ax_20MHz_Chain1_5745MHz

802.11ax_40MHz_Chain0_5190MHz



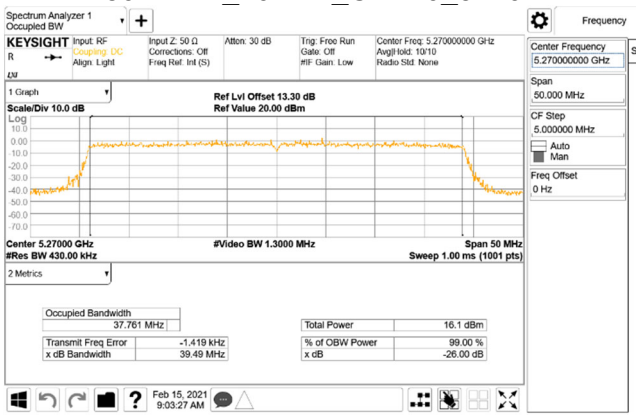
802.11ax_20MHz_Chain1_5785MHz

802.11ax_40MHz_Chain0_5230MHz

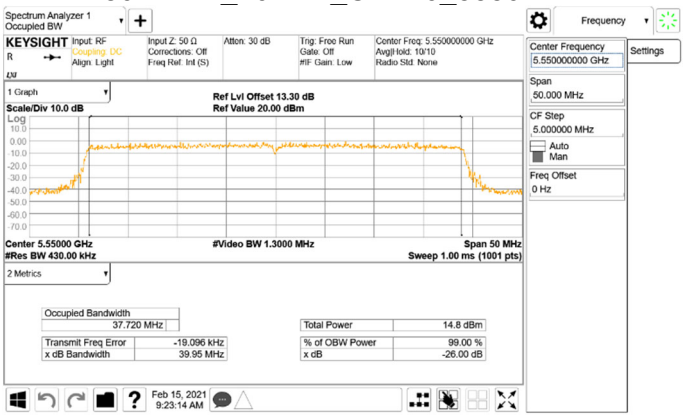


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, 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.

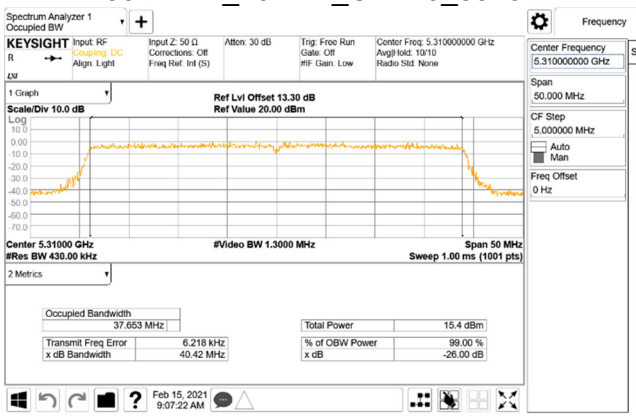
802.11ax_40MHz_Chain0_5270MHz



802.11ax_40MHz_Chain0_5550MHz

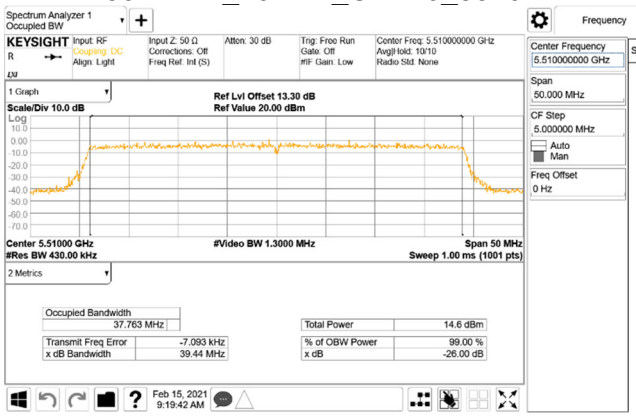


802.11ax_40MHz_Chain0_5310MHz



802.11ax_40MHz_Chain0_5670MHz

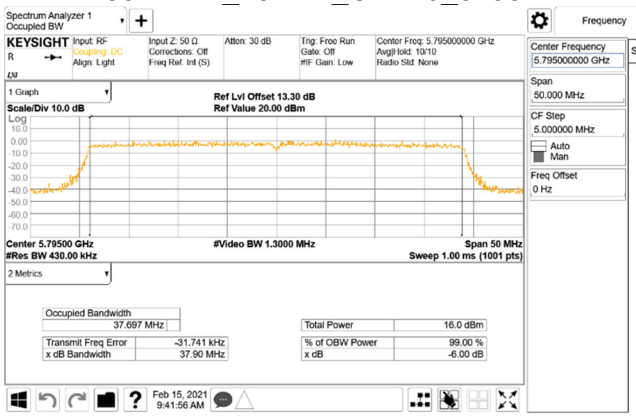
802.11ax_40MHz_Chain0_5510MHz



802.11ax_40MHz_Chain0_5755MHz

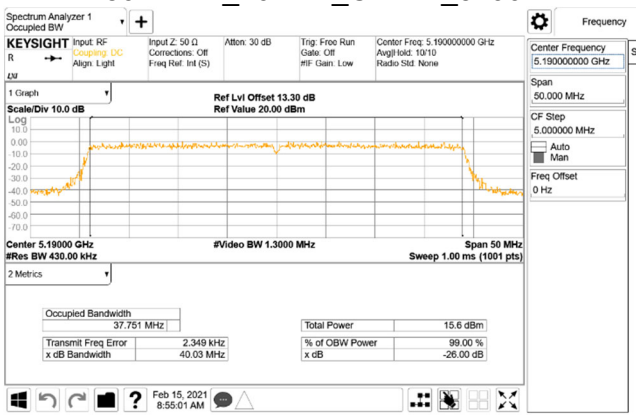
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, 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_40MHz_Chain0_5795MHz

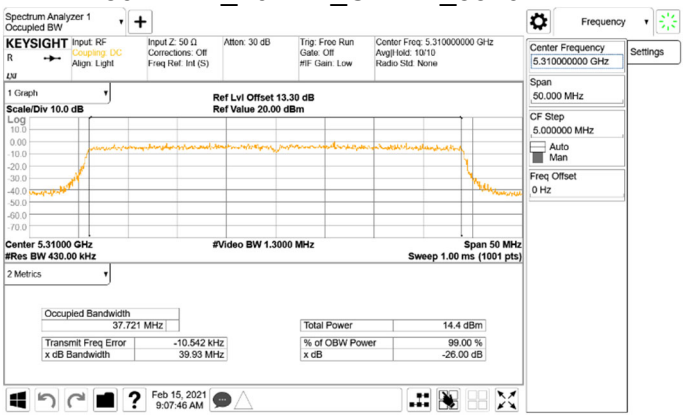


802.11ax_40MHz_Chain1_5270MHz

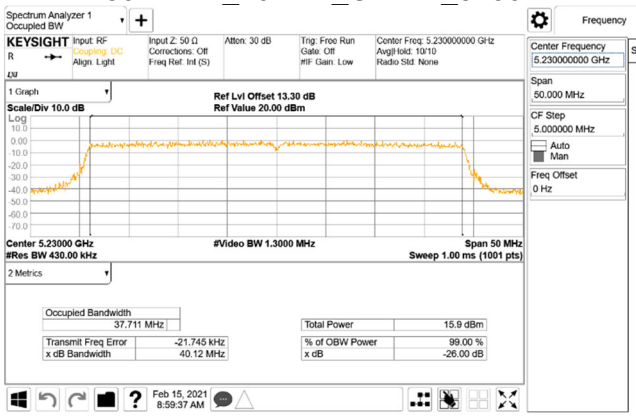
802.11ax_40MHz_Chain1_5190MHz



802.11ax_40MHz_Chain1_5310MHz



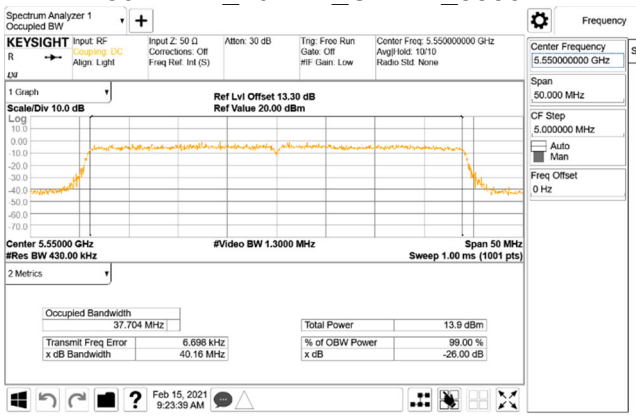
802.11ax_40MHz_Chain1_5230MHz



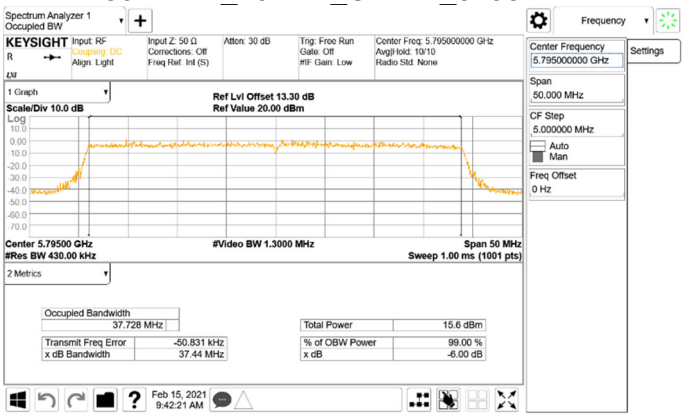
802.11ax_40MHz_Chain1_5510MHz

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.

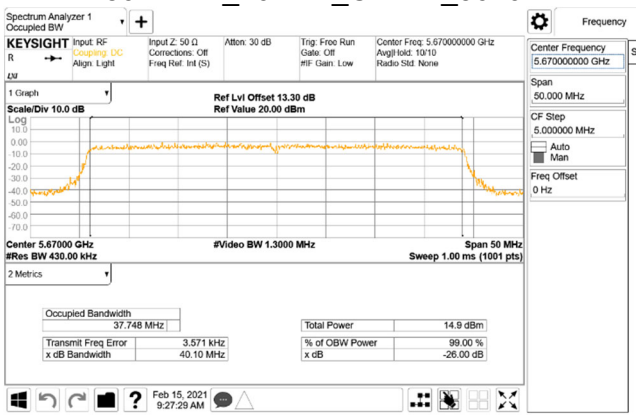
802.11ax_40MHz_Chain1_5550MHz



802.11ax_40MHz_Chain1_5795MHz

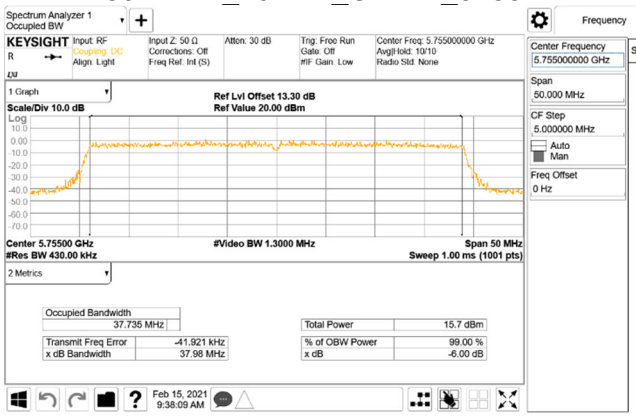


802.11ax_40MHz_Chain1_5670MHz



802.11ax_80MHz_Chain0_5210MHz

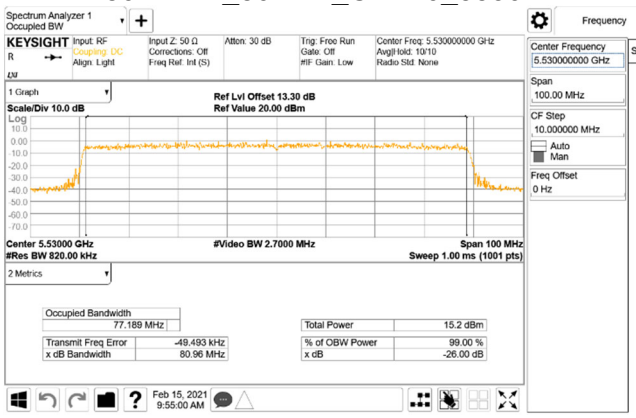
802.11ax_40MHz_Chain1_5755MHz



802.11ax_80MHz_Chain0_5290MHz

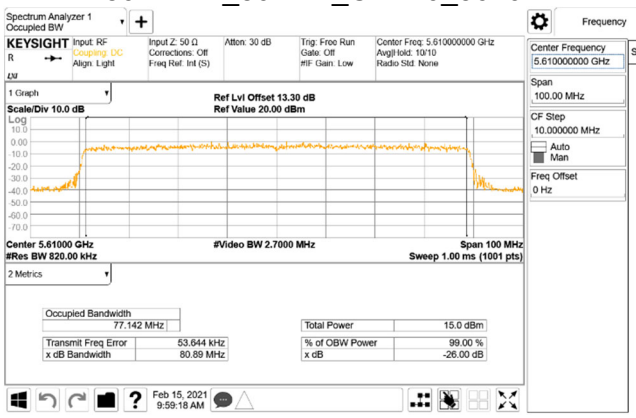
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, 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_5530MHz



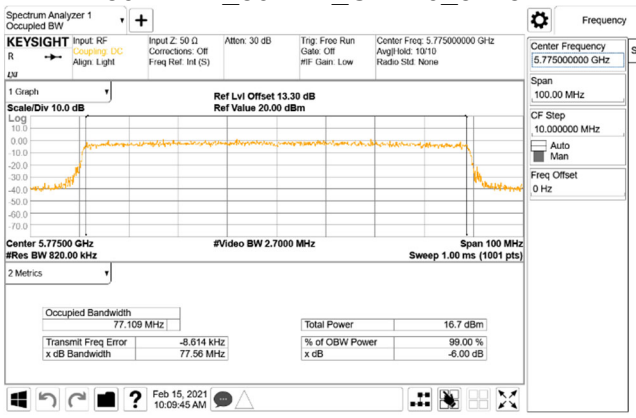
802.11ax_80MHz_Chain1_5210MHz

802.11ax_80MHz_Chain0_5610MHz



802.11ax_80MHz_Chain1_5290MHz

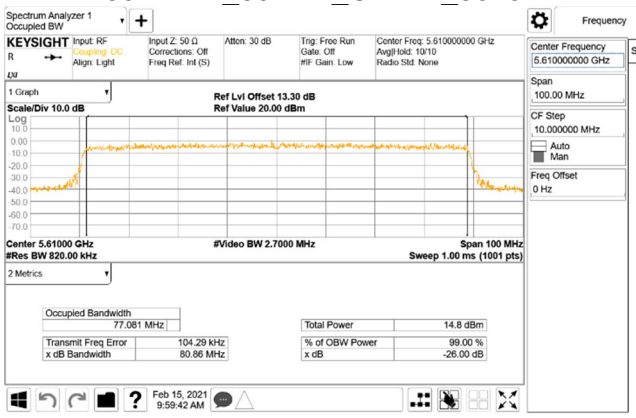
802.11ax_80MHz_Chain0_5775MHz



802.11ax_80MHz_Chain1_5530MHz

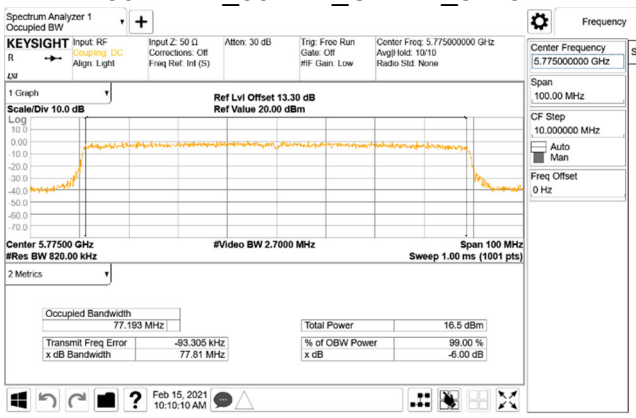
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, 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_5610MHz



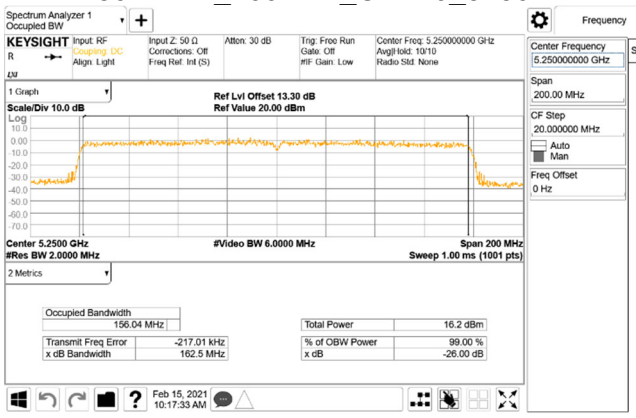
802.11ax_160MHz_Chain0_5570MHz

802.11ax_80MHz_Chain1_5775MHz



802.11ax_160MHz_Chain1_5250MHz

802.11ax_160MHz_Chain0_5250MHz



802.11ax_160MHz_Chain1_5570MHz

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

FCC

OPERZTION Band	EUT CATEGORY		LIMIT
U-NII-1	☐	Access Point (Master device)	1 Watt(30dBm)
	☐	Fixed point-to-point Access Ponit	1 Watt(30dBm)
	☒	Mobile and portable client device	250mW(23.98dBm)
U-NII-2A	☒		250mW(23.98dBm) or 11dBm+10 log B
U-NII-2C	☒		250mW(23.98dBm) or 11dBm+10 log B
U-NII-3	☒		1 Watt(30dBm)
If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna exceeds 6 dBi.			

ISED

OPERZTION FREQUENCY BAND	LIMIT
5150~5250 MHz	EIRP shall not exceed 200 mW or 10 + 10 $\log_{10}$B, dBm
5250~5350 MHz	Conducted output power shall not exceed 250 mW or 11 +10 $\log_{10}$B EIRP shall not exceed 1.0 W or 17 + 10 $\log_{10}$B, dBm
5470-5600 MHz and 5650-5725 MHz	Conducted output power shall not exceed 250 mW or 11 +10 $\log_{10}$ B EIRP shall not exceed 1.0 W or 17 + 10 $\log_{10}$B, dBm
5725~5850 MHz	Conducted output power shall not exceed 1 W
For equipment operating in the band ***5725-5850*** MHz, If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum transmit power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	

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.

Note:

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.

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

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
$g_{j,k} = 10^{Gk/20}$ 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.
The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

9.2 Measurement Procedure

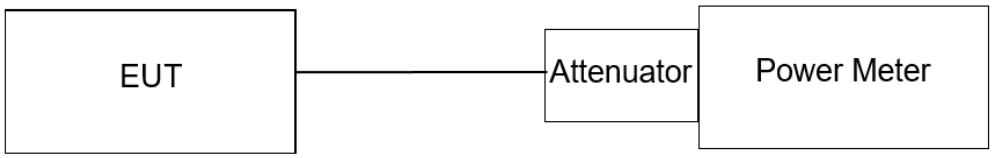
1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
4. Power Meter is used as the auxiliary test equipment to conduct the output power measurement.
5. Record the max. reading and add 10 log(1/duty cycle).
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.

9.3 Measurement Equipment Used

Conducted Emission Test Site: Conducted 2					
EQUIPMENT TYPE	**MFR/BRAND**	**MODEL NUMBER**	**SERIAL NUMBER**	**LAST CAL.**	**CAL DUE.**
Power Meter	Anritsu	ML2496A	1242004	11/06/2020	11/05/2021
Power Sensor	Anritsu	MA2411B	1207365	11/06/2020	11/05/2021
Power Sensor	Anritsu	MA2411B	1207368	11/06/2020	11/05/2021
Attenuator	Mini-Circuit	BW-S10W2+	2	12/16/2020	12/15/2021
Attenuator	Mini-Circuit	BW-S10W2+	8	12/16/2020	12/15/2021

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.

9.4 Test Set-up



9.5 Measurement Result

9.5.1 Conducted output power (FCC)

802.11a_Ch0

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	15.82	38.227	23.98	PASS
44	5220	6	16.01	39.936	23.98	PASS
48	5240	6	15.88	38.758	23.98	PASS
52	5260	6	18.89	77.511	23.98 or 11+10log(B) = 23.73	PASS
60	5300	6	17.78	60.030	23.98 or 11+10log(B) = 23.66	PASS
64	5320	6	16.59	45.642	23.98 or 11+10log(B) = 22.93	PASS
100	5500	6	16.42	43.890	23.98 or 11+10log(B) = 23.73	PASS
116	5580	6	18.25	66.891	23.98 or 11+10log(B) = 23.71	PASS
140	5700	6	16.57	45.432	23.98 or 11+10log(B) = 23.74	PASS
144	5720(U-NII 2C)	6	-1.11	0.77	23.98 or 11+10log(B) = 22.58	PASS
144	5720 (U-NII 3)	6	-6.27	0.24	30	PASS
149	5745	6	17.93	62.139	30	PASS
157	5785	6	18.00	63.149	30	PASS
165	5825	6	17.62	57.858	30	PASS

802.11a_Ch1

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	15.28	33.757	23.98	PASS
44	5220	6	15.43	34.943	23.98	PASS
48	5240	6	15.47	35.267	23.98	PASS
52	5260	6	17.87	61.286	23.98 or 11+10log(B) = 23.72	PASS
60	5300	6	17.01	50.276	23.98 or 11+10log(B) = 23.71	PASS
64	5320	6	15.71	37.270	23.98 or 11+10log(B) = 23.79	PASS
100	5500	6	15.64	36.675	23.98 or 11+10log(B) = 23.74	PASS
116	5580	6	17.81	60.446	23.98 or 11+10log(B) = 23.72	PASS
140	5700	6	16.51	44.809	23.98 or 11+10log(B) = 23.72	PASS
144	5720(U-NII 2C)	6	-1.10	0.78	23.98 or 11+10log(B) = 22.55	PASS
144	5720 (U-NII 3)	6	-6.32	0.23	30	PASS
149	5745	6	17.61	57.725	30	PASS
157	5785	6	17.86	61.146	30	PASS
165	5825	6	17.58	57.328	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_2TX

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1				
36	5180	6	15.69	14.97	18.40	69.165	23.98	PASS
44	5220	6	15.99	14.93	**18.55**	71.552	23.98	PASS
48	5240	6	15.79	15.02	18.48	70.404	23.98	PASS
52	5260	6	18.42	17.39	**20.99**	125.586	23.98 or 11+10log(B) = 23.72	PASS
60	5300	6	17.55	16.37	20.05	101.249	23.98 or 11+10log(B) = 23.66	PASS
64	5320	6	16.57	15.03	18.92	78.016	23.98 or 11+10log(B) = 22.93	PASS
100	5500	6	16.48	14.7	18.73	74.722	23.98 or 11+10log(B) = 23.73	PASS
116	5580	6	18.17	17.23	**20.78**	119.656	23.98 or 11+10log(B) = 23.71	PASS
140	5700	6	16.51	15.93	19.28	84.793	23.98 or 11+10log(B) = 23.72	PASS
144	5720(U-NII 2C)	6	16.69	16.50	19.65	92.226	23.98 or 11+10log(B) = 22.55	PASS
144	5720 (U-NII 3)	6	11.54	11.27	14.46	27.905	30	PASS
149	5745	6	17.77	17.41	20.65	116.083	30	PASS
157	5785	6	17.78	17.51	20.70	117.518	30	PASS
165	5825	6	17.98	17.79	**20.94**	124.165	30	PASS

802.11n_HT20_Ch0

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	16.12	40.926	23.98	PASS
44	5220	MCS0	16.27	42.364	23.98	PASS
48	5240	MCS0	17.36	54.450	23.98	PASS
52	5260	MCS0	18.65	73.282	23.98 or 11+10log(B) = 24.06	PASS
60	5300	MCS0	17.42	55.208	23.98 or 11+10log(B) = 24.01	PASS
64	5320	MCS0	16.36	43.251	23.98 or 11+10log(B) = 24.03	PASS
100	5500	MCS0	16.33	42.954	23.98 or 11+10log(B) = 24.03	PASS
116	5580	MCS0	18.11	64.714	23.98 or 11+10log(B) = 24.02	PASS
140	5700	MCS0	16.35	43.152	23.98 or 11+10log(B) = 23.98	PASS
144	5720(U-NII 2C)	MCS0	-1.26	0.75	23.98 or 11+10log(B) = 22.78	PASS
144	5720 (U-NII 3)	MCS0	-5.99	0.25	30	PASS
149	5745	MCS0	18.32	67.920	30	PASS
157	5785	MCS0	18.36	68.549	30	PASS
165	5825	MCS0	18.13	65.013	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	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	15.87	38.637	23.98	PASS
44	5220	MCS0	15.92	39.084	23.98	PASS
48	5240	MCS0	16.84	48.306	23.98	PASS
52	5260	MCS0	17.93	62.087	23.98 or 11+10log(B) = 23.98	PASS
60	5300	MCS0	16.82	48.084	23.98 or 11+10log(B) = 23.95	PASS
64	5320	MCS0	15.44	34.995	23.98 or 11+10log(B) = 23.95	PASS
100	5500	MCS0	15.46	35.156	23.98 or 11+10log(B) = 23.90	PASS
116	5580	MCS0	17.65	58.210	23.98 or 11+10log(B) = 23.97	PASS
140	5700	MCS0	16.31	42.756	23.98 or 11+10log(B) = 24.00	PASS
144	5720(U-NII 2C)	MCS0	-1.24	0.75	23.98 or 11+10log(B) = 22.74	PASS
144	5720 (U-NII 3)	MCS0	-6.05	0.25	30	PASS
149	5745	MCS0	17.90	61.660	30	PASS
157	5785	MCS0	18.21	66.222	30	PASS
165	5825	MCS0	17.82	60.534	30	PASS

802.11n_HT20_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1				
36	5180	MCS8	16.13	15.46	18.82	76.176	23.98	PASS
44	5220	MCS8	16.32	15.38	18.89	77.369	23.98	PASS
48	5240	MCS8	17.73	16.89	**20.34**	108.158	23.98	PASS
52	5260	MCS8	18.54	17.33	**20.99**	125.525	23.98 or 11+10log(B) = 23.98	PASS
60	5300	MCS8	17.45	16.35	19.95	98.742	23.98 or 11+10log(B) = 23.95	PASS
64	5320	MCS8	16.42	14.97	18.77	75.258	23.98 or 11+10log(B) = 23.95	PASS
100	5500	MCS8	16.27	14.53	18.50	70.743	23.98 or 11+10log(B) = 23.90	PASS
116	5580	MCS8	18.05	17.1	**20.61**	115.112	23.98 or 11+10log(B) = 23.97	PASS
140	5700	MCS8	16.42	15.82	19.14	82.047	23.98 or 11+10log(B) = 23.98	PASS
144	5720(U-NII 2C)	MCS8	16.47	16.25	19.37	86.544	23.98 or 11+10log(B) = 22.74	PASS
144	5720 (U-NII 3)	MCS8	11.74	11.44	14.60	28.853	30	PASS
149	5745	MCS8	18.09	17.87	**20.99**	125.652	30	PASS
157	5785	MCS8	18.17	17.75	20.98	125.181	30	PASS
165	5825	MCS8	17.92	17.65	20.80	120.154	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_Ch0

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	16.08	40.551	23.98	PASS
44	5220	MCS0	16.24	42.073	23.98	PASS
48	5240	MCS0	17.33	54.075	23.98	PASS
52	5260	MCS0	18.62	72.778	23.98 or 11+10log(B) = 24.06	PASS
60	5300	MCS0	17.39	54.828	23.98 or 11+10log(B) = 24.01	PASS
64	5320	MCS0	16.33	42.954	23.98 or 11+10log(B) = 24.03	PASS
100	5500	MCS0	16.28	42.462	23.98 or 11+10log(B) = 24.03	PASS
116	5580	MCS0	18.07	64.121	23.98 or 11+10log(B) = 24.02	PASS
140	5700	MCS0	16.32	42.855	23.98 or 11+10log(B) = 23.98	PASS
144	5720(U-NII 2C)	MCS0	-1.26	0.75	23.98 or 11+10log(B) = 22.78	PASS
144	5720 (U-NII 3)	MCS0	-5.99	0.25	30	PASS
149	5745	MCS0	18.29	67.453	30	PASS
157	5785	MCS0	18.33	68.077	30	PASS
165	5825	MCS0	18.10	64.565	30	PASS

802.11ac_VHT20_Ch1

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	15.84	38.371	23.98	PASS
44	5220	MCS0	15.89	38.815	23.98	PASS
48	5240	MCS0	16.81	47.973	23.98	PASS
52	5260	MCS0	17.90	61.660	23.98 or 11+10log(B) = 23.98	PASS
60	5300	MCS0	16.79	47.753	23.98 or 11+10log(B) = 23.95	PASS
64	5320	MCS0	15.41	34.754	23.98 or 11+10log(B) = 23.95	PASS
100	5500	MCS0	15.43	34.914	23.98 or 11+10log(B) = 23.90	PASS
116	5580	MCS0	17.62	57.810	23.98 or 11+10log(B) = 23.97	PASS
140	5700	MCS0	16.28	42.462	23.98 or 11+10log(B) = 24.00	PASS
144	5720(U-NII 2C)	MCS0	-1.24	0.75	23.98 or 11+10log(B) = 22.74	PASS
144	5720 (U-NII 3)	MCS0	-6.05	0.25	30	PASS
149	5745	MCS0	17.67	58.479	30	PASS
157	5785	MCS0	18.17	65.615	30	PASS
165	5825	MCS0	17.79	60.117	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_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1				
36	5180	MCS0	15.92	15.38	18.67	73.598	23.98	PASS
44	5220	MCS0	16.28	15.31	18.83	76.424	23.98	PASS
48	5240	MCS0	17.64	16.83	**20.26**	106.271	23.98	PASS
52	5260	MCS0	18.51	17.31	**20.96**	124.785	23.98 or 11+10log(B) = 23.98	PASS
60	5300	MCS0	17.38	16.24	19.86	96.774	23.98 or 11+10log(B) = 23.95	PASS
64	5320	MCS0	16.36	14.87	18.69	73.942	23.98 or 11+10log(B) = 23.95	PASS
100	5500	MCS0	13.63	12.21	15.99	39.702	23.98 or 11+10log(B) = 23.90	PASS
116	5580	MCS0	17.97	17.09	**20.56**	113.830	23.98 or 11+10log(B) = 23.97	PASS
140	5700	MCS0	16.37	15.75	19.08	80.935	23.98 or 11+10log(B) = 23.98	PASS
144	5720(U-NII 2C)	MCS0	16.45	16.20	19.34	85.857	23.98 or 11+10log(B) = 22.74	PASS
144	5720 (U-NII 3)	MCS0	11.72	11.39	14.57	28.625	30	PASS
149	5745	MCS0	18.01	17.77	20.90	123.082	30	PASS
157	5785	MCS0	18.11	17.72	**20.93**	123.870	30	PASS
165	5825	MCS0	17.88	17.63	20.77	119.319	30	PASS

802.11ax_HE20_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	13.94	24.774	23.98	PASS
		MCS0	26/0	6.96	4.966	23.98	PASS
		MCS0	52/37	9.64	9.204	23.98	PASS
		MCS0	106/53	12.79	19.011	23.98	PASS
44	5220	MCS0	full	14.17	26.122	23.98	PASS
48	5240	MCS0	full	14.21	26.363	23.98	PASS
52	5260	MCS0	full	14.63	29.040	23.98 or 11+10log(B) = 24.11	PASS
60	5300	MCS0	full	14.43	27.733	23.98 or 11+10log(B) = 24.14	PASS
64	5320	MCS0	full	14.25	26.607	23.98 or 11+10log(B) = 24.15	PASS
		MCS0	26/8	10.92	12.359	23.98 or 11+10log(B) = 24.15	PASS
		MCS0	52/40	13.38	21.777	23.98 or 11+10log(B) = 24.15	PASS
		MCS0	106/54	14.49	28.119	23.98 or 11+10log(B) = 24.15	PASS
100	5500	MCS0	full	14.37	27.353	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	26/0	11.12	12.942	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	52/37	13.52	22.491	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	106/53	14.66	29.242	23.98 or 11+10log(B) = 24.13	PASS
116	5580	MCS0	full	14.02	25.235	23.98 or 11+10log(B) = 24.14	PASS
140	5700	MCS0	full	13.93	24.717	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	26/8	9.89	9.750	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	52/40	12.32	17.061	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	106/54	14.28	26.792	23.98 or 11+10log(B) = 24.13	PASS
144	5720(U-NII 2C)	MCS0	full	-1.30	0.741	23.98 or 11+10log(B) = 22.87	PASS
144	5720 (U-NII 3)	MCS0	full	-5.86	0.259	30	PASS
149	5745	MCS0	full	14.08	25.586	30	PASS
		MCS0	26/0	14.12	25.823	30	PASS
		MCS0	52/37	14.44	27.797	30	PASS
		MCS0	106/53	13.87	24.378	30	PASS
157	5785	MCS0	full	14.27	26.730	30	PASS
165	5825	MCS0	full	14.49	28.119	30	PASS
		MCS0	26/8	14.09	25.645	30	PASS
		MCS0	52/40	14.17	26.122	30	PASS
		MCS0	106/54	14.17	26.122	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.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	full	13.83	24.155	23.98	PASS
		MCS0	26/0	6.67	4.645	23.98	PASS
		MCS0	52/37	9.49	8.892	23.98	PASS
		MCS0	106/53	12.63	18.323	23.98	PASS
44	5220	MCS0	full	14.16	26.062	23.98	PASS
48	5240	MCS0	full	13.94	24.774	23.98	PASS
52	5260	MCS0	full	14.03	25.293	23.98 or 11+10log(B) = 24.21	PASS
60	5300	MCS0	full	14.08	25.586	23.98 or 11+10log(B) = 24.14	PASS
64	5320	MCS0	full	13.92	24.660	23.98 or 11+10log(B) = 24.20	PASS
		MCS0	26/8	10.46	11.117	23.98 or 11+10log(B) = 24.20	PASS
		MCS0	52/40	13.33	21.528	23.98 or 11+10log(B) = 24.20	PASS
		MCS0	106/54	14.25	26.607	23.98 or 11+10log(B) = 24.20	PASS
100	5500	MCS0	full	13.63	23.067	23.98 or 11+10log(B) = 24.21	PASS
		MCS0	26/0	10.43	11.041	23.98 or 11+10log(B) = 24.21	PASS
		MCS0	52/37	13.45	22.131	23.98 or 11+10log(B) = 24.21	PASS
		MCS0	106/53	13.97	24.946	23.98 or 11+10log(B) = 24.21	PASS
116	5580	MCS0	full	13.97	24.946	23.98 or 11+10log(B) = 24.23	PASS
140	5700	MCS0	full	13.57	22.751	23.98 or 11+10log(B) = 24.19	PASS
		MCS0	26/8	9.71	9.354	23.98 or 11+10log(B) = 24.19	PASS
		MCS0	52/40	12.06	16.069	23.98 or 11+10log(B) = 24.19	PASS
		MCS0	106/54	13.84	24.210	23.98 or 11+10log(B) = 24.19	PASS
144	5720(U-NII 2C)	MCS0	full	-1.30	0.741	23.98 or 11+10log(B) = 22.87	PASS
144	5720 (U-NII 3)	MCS0	full	-5.86	0.259	30	PASS
149	5745	MCS0	full	13.65	23.174	30	PASS
		MCS0	26/0	12.55	17.989	30	PASS
		MCS0	52/37	13.93	24.717	30	PASS
		MCS0	106/53	13.28	21.281	30	PASS
157	5785	MCS0	full	14.23	26.485	30	PASS
165	5825	MCS0	full	13.75	23.714	30	PASS
		MCS0	26/8	13.66	23.227	30	PASS
		MCS0	52/40	13.47	22.233	30	PASS
		MCS0	106/54	13.45	22.131	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_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
36	5180	MCS0	full	13.97	13.43	16.72	46.975	23.98	PASS
		MCS0	26/0	6.99	6.11	9.58	9.084	23.98	PASS
		MCS0	52/37	9.75	9.12	12.46	17.606	23.98	PASS
		MCS0	106/53	12.74	12.42	15.59	36.251	23.98	PASS
44	5220	MCS0	full	14.13	13.76	**16.96**	49.651	23.98	PASS
48	5240	MCS0	full	13.96	13.88	16.93	49.323	23.98	PASS
52	5260	MCS0	full	14.55	13.24	16.95	49.596	23.98 or 11+10log(B) = 24.11	PASS
60	5300	MCS0	full	14.31	13.47	16.92	49.210	23.98 or 11+10log(B) = 24.14	PASS
64	5320	MCS0	full	14.16	13.38	16.80	47.839	23.98 or 11+10log(B) = 24.15	PASS
		MCS0	26/8	10.85	9.84	13.38	21.800	23.98 or 11+10log(B) = 24.15	PASS
		MCS0	52/40	13.33	12.75	16.06	40.364	23.98 or 11+10log(B) = 24.15	PASS
		MCS0	106/54	14.28	13.61	**16.97**	49.753	23.98 or 11+10log(B) = 24.15	PASS
100	5500	MCS0	full	14.32	12.98	16.71	46.901	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	26/0	10.96	9.93	13.49	22.314	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	52/37	13.49	12.28	15.94	39.240	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	106/53	14.53	13.31	**16.97**	49.808	23.98 or 11+10log(B) = 24.13	PASS
116	5580	MCS0	full	14.17	13.37	16.80	47.849	23.98 or 11+10log(B) = 24.14	PASS
140	5700	MCS0	full	13.76	13.64	16.71	46.889	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	26/8	9.89	8.89	12.43	17.495	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	52/40	12.24	11.72	15.00	31.609	23.98 or 11+10log(B) = 24.13	PASS
		MCS0	106/54	13.86	13.8	16.84	48.310	23.98 or 11+10log(B) = 24.13	PASS
144	5720(U-NII 2C)	MCS0	full	12.48	12.18	15.34	34.183	23.98 or 11+10log(B) = 22.87	PASS
144	5720 (U-NII 3)	MCS0	full	7.92	7.62	10.78	11.979	30	PASS
149	5745	MCS0	full	13.82	13.64	16.74	47.220	30	PASS
		MCS0	26/0	13.47	13.81	16.65	46.277	30	PASS
		MCS0	52/37	13.9	14.02	16.97	49.782	30	PASS
		MCS0	106/53	13.51	13.62	16.58	45.453	30	PASS
157	5785	MCS0	full	14.22	13.71	**16.98**	49.920	30	PASS
165	5825	MCS0	full	13.84	14.04	16.95	49.562	30	PASS
		MCS0	26/8	13.79	13.69	16.75	47.322	30	PASS
		MCS0	52/40	13.6	13.7	16.66	46.351	30	PASS
		MCS0	106/54	13.52	13.77	16.66	46.314	30	PASS

802.11n_HT40_Ch0

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	15.64	36.644	23.98	PASS
46	5230	MCS0	17.02	50.350	23.98	PASS
54	5270	MCS0	17.77	59.841	23.98 or 11+10log(B) = 26.95	PASS
62	5310	MCS0	16.58	45.499	23.98 or 11+10log(B) = 26.97	PASS
102	5510	MCS0	14.26	26.669	23.98 or 11+10log(B) = 26.97	PASS
110	5550	MCS0	16.18	41.495	23.98 or 11+10log(B) = 26.95	PASS
134	5670	MCS0	16.91	49.091	23.98 or 11+10log(B) = 26.98	PASS
142	5710(U-NII 2C)	MCS0	-0.56	0.88	23.98 or 11+10log(B) = 26.41	PASS
142	5710 (U-NII 3)	MCS0	-9.19	0.12	30	PASS
151	5755	MCS0	17.83	60.674	30	PASS
159	5795	MCS0	17.99	62.951	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_Ch1

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	15.47	35.237	23.98	PASS
46	5230	MCS0	16.44	44.055	23.98	PASS
54	5270	MCS0	16.95	49.545	23.98 or 11+10log(B) = 26.88	PASS
62	5310	MCS0	15.69	37.068	23.98 or 11+10log(B) = 26.91	PASS
102	5510	MCS0	13.66	23.227	23.98 or 11+10log(B) = 26.93	PASS
110	5550	MCS0	15.91	38.994	23.98 or 11+10log(B) = 26.89	PASS
134	5670	MCS0	16.69	46.666	23.98 or 11+10log(B) = 26.94	PASS
142	5710(U-NII 2C)	MCS0	-0.54	0.88	23.98 or 11+10log(B) = 26.38	PASS
142	5710 (U-NII 3)	MCS0	-9.36	0.12	30	PASS
151	5755	MCS0	17.57	57.148	30	PASS
159	5795	MCS0	17.77	59.841	30	PASS

802.11n_HT40_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1				
38	5190	MCS8	15.67	15.22	18.46	70.164	23.98	PASS
46	5230	MCS8	16.97	16.18	**19.60**	91.269	23.98	PASS
54	5270	MCS8	17.68	16.53	**20.15**	103.592	23.98 or 11+10log(B) = 26.88	PASS
62	5310	MCS8	16.54	15.23	18.94	78.424	23.98 or 11+10log(B) = 26.91	PASS
102	5510	MCS8	16.44	14.83	18.72	74.464	23.98 or 11+10log(B) = 26.93	PASS
110	5550	MCS8	16.19	15.33	18.79	75.710	23.98 or 11+10log(B) = 26.89	PASS
134	5670	MCS8	16.76	16.48	19.63	91.887	23.98 or 11+10log(B) = 26.94	PASS
142	5710(U-NII 2C)	MCS8	17.11	17.10	**20.12**	102.765	23.98 or 11+10log(B) = 26.38	PASS
142	5710 (U-NII 3)	MCS8	8.48	8.28	11.40	13.790	30	PASS
151	5755	MCS8	17.66	17.51	20.60	114.708	30	PASS
159	5795	MCS8	17.75	17.61	**20.69**	117.243	30	PASS

802.11ac_VHT40_Ch0

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	15.61	36.392	23.98	PASS
46	5230	MCS0	16.99	50.003	23.98	PASS
54	5270	MCS0	17.74	59.429	23.98 or 11+10log(B) = 26.95	PASS
62	5310	MCS0	16.55	45.186	23.98 or 11+10log(B) = 26.97	PASS
102	5510	MCS0	14.23	26.485	23.98 or 11+10log(B) = 26.97	PASS
110	5550	MCS0	16.15	41.210	23.98 or 11+10log(B) = 26.95	PASS
134	5670	MCS0	16.87	48.641	23.98 or 11+10log(B) = 26.98	PASS
142	5710(U-NII 2C)	MCS0	-0.56	0.88	23.98 or 11+10log(B) = 26.41	PASS
142	5710 (U-NII 3)	MCS0	-9.19	0.12	30	PASS
151	5755	MCS0	17.80	60.256	30	PASS
159	5795	MCS0	17.96	62.517	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_Ch1

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	15.47	35.237	23.98	PASS
46	5230	MCS0	16.44	44.055	23.98	PASS
54	5270	MCS0	16.95	49.545	23.98 or 11+10log(B) = 26.88	PASS
62	5310	MCS0	15.69	37.068	23.98 or 11+10log(B) = 26.91	PASS
102	5510	MCS0	13.66	23.227	23.98 or 11+10log(B) = 26.93	PASS
110	5550	MCS0	15.91	38.994	23.98 or 11+10log(B) = 26.89	PASS
134	5670	MCS0	16.69	46.666	23.98 or 11+10log(B) = 26.94	PASS
142	5710(U-NII 2C)	MCS0	-0.54	0.88	23.98 or 11+10log(B) = 26.38	PASS
142	5710 (U-NII 3)	MCS0	-9.36	0.12	30	PASS
151	5755	MCS0	17.57	57.148	30	PASS
159	5795	MCS0	17.77	59.841	30	PASS

802.11ac_VHT40_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1				
38	5190	MCS0	15.63	15.16	18.41	69.369	23.98	PASS
46	5230	MCS0	16.91	16.09	**19.53**	89.735	23.98	PASS
54	5270	MCS0	17.65	16.47	**20.11**	102.571	23.98 or 11+10log(B) = 26.88	PASS
62	5310	MCS0	16.49	15.18	18.89	77.527	23.98 or 11+10log(B) = 26.91	PASS
102	5510	MCS0	16.38	14.77	18.66	73.443	23.98 or 11+10log(B) = 26.93	PASS
110	5550	MCS0	16.23	14.5	18.46	70.160	23.98 or 11+10log(B) = 26.89	PASS
134	5670	MCS0	16.73	16.42	19.59	90.951	23.98 or 11+10log(B) = 26.94	PASS
142	5710(U-NII 2C)	MCS0	17.07	17.07	**20.08**	101.940	23.98 or 11+10log(B) = 26.38	PASS
142	5710 (U-NII 3)	MCS0	8.44	8.25	11.36	13.679	30	PASS
151	5755	MCS0	17.62	17.47	20.56	113.657	30	PASS
159	5795	MCS0	17.71	17.58	**20.66**	116.300	30	PASS

802.11ax_HE40_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	13.82	24.099	23.98	PASS
		MCS0	242/61	14.46	27.925	23.98	PASS
46	5230	MCS0	full	14.13	25.882	23.98	PASS
54	5270	MCS0	full	14.55	28.510	23.98 or 11+10log(B) = 27.07	PASS
62	5310	MCS0	full	14.28	26.792	23.98 or 11+10log(B) = 27.04	PASS
		MCS0	242/62	14.78	30.061	23.98 or 11+10log(B) = 27.04	PASS
102	5510	MCS0	full	14.26	26.669	23.98 or 11+10log(B) = 27.03	PASS
		MCS0	242/61	12.97	19.815	23.98 or 11+10log(B) = 27.03	PASS
110	5550	MCS0	full	13.90	24.547	23.98 or 11+10log(B) = 27.03	PASS
134	5670	MCS0	full	14.27	26.730	23.98 or 11+10log(B) = 27.03	PASS
		MCS0	242/62	13.99	25.061	23.98 or 11+10log(B) = 27.03	PASS
142	5710(U-NII 2C)	MCS0	full	-0.59	0.873	23.98 or 11+10log(B) = 26.46	PASS
142	5710 (U-NII 3)	MCS0	full	-8.95	0.127	30	PASS
151	5755	MCS0	full	13.98	25.003	30	PASS
		MCS0	242/61	13.96	24.889	30	PASS
159	5795	MCS0	full	13.83	24.155	30	PASS
		MCS0	242/62	14.07	25.527	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.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	full	13.73	23.605	23.98	PASS
		MCS0	242/61	14.23	26.485	23.98	PASS
46	5230	MCS0	full	14.07	25.527	23.98	PASS
54	5270	MCS0	full	13.82	24.099	23.98 or 11+10log(B) = 27.05	PASS
62	5310	MCS0	full	13.82	24.099	23.98 or 11+10log(B) = 27.04	PASS
		MCS0	242/62	14.27	26.730	23.98 or 11+10log(B) = 27.04	PASS
102	5510	MCS0	full	13.54	22.594	23.98 or 11+10log(B) = 27.02	PASS
		MCS0	242/61	12.41	17.418	23.98 or 11+10log(B) = 27.02	PASS
110	5550	MCS0	full	13.82	24.099	23.98 or 11+10log(B) = 27.02	PASS
134	5670	MCS0	full	14.13	25.882	23.98 or 11+10log(B) = 27.03	PASS
		MCS0	242/62	13.69	23.388	23.98 or 11+10log(B) = 27.03	PASS
142	5710(U-NII 2C)	MCS0	full	-0.59	0.872	23.98 or 11+10log(B) = 26.46	PASS
142	5710 (U-NII 3)	MCS0	full	-8.93	0.128	30	PASS
151	5755	MCS0	full	13.93	24.717	30	PASS
		MCS0	242/61	14.38	27.416	30	PASS
159	5795	MCS0	full	13.72	23.550	30	PASS
		MCS0	242/62	13.79	23.933	30	PASS

802.11ax_HE40_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
38	5190	MCS0	full	13.82	13.52	16.68	46.590	23.98	PASS
		MCS0	242/61	13.94	13.8	16.88	48.763	23.98	PASS
46	5230	MCS0	full	13.95	13.8	**16.89**	48.820	23.98	PASS
54	5270	MCS0	full	14.47	13.4	**16.98**	49.867	23.98 or 11+10log(B) = 27.05	PASS
62	5310	MCS0	full	14.22	13.41	16.84	48.352	23.98 or 11+10log(B) = 27.04	PASS
		MCS0	242/62	14.28	13.62	16.97	49.806	23.98 or 11+10log(B) = 27.04	PASS
102	5510	MCS0	full	14.22	13.14	16.72	47.030	23.98 or 11+10log(B) = 27.02	PASS
		MCS0	242/61	12.93	11.87	15.44	35.015	23.98 or 11+10log(B) = 27.02	PASS
110	5550	MCS0	full	13.84	13.49	16.68	46.546	23.98 or 11+10log(B) = 27.02	PASS
134	5670	MCS0	full	14.09	13.85	**16.98**	49.911	23.98 or 11+10log(B) = 27.03	PASS
		MCS0	242/62	13.82	13.56	16.70	46.798	23.98 or 11+10log(B) = 27.03	PASS
142	5710(U-NII 2C)	MCS0	full	13.11	12.99	16.06	40.347	23.98 or 11+10log(B) = 26.46	PASS
142	5710 (U-NII 3)	MCS0	full	4.75	4.65	7.71	5.899	30	PASS
151	5755	MCS0	full	13.75	13.54	16.66	46.308	30	PASS
		MCS0	242/61	13.94	13.87	**16.92**	49.152	30	PASS
159	5795	MCS0	full	13.82	13.37	16.61	45.826	30	PASS
		MCS0	242/62	13.86	13.47	16.68	46.555	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	Data Rate	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	16.07	40.492	23.98	PASS
58	5290	MCS0	16.60	45.747	23.98 or 11+10log(B) = 30.12	PASS
106	5530	MCS0	14.07	25.548	23.98 or 11+10log(B) = 30.09	PASS
122	5610	MCS0	16.21	41.818	23.98 or 11+10log(B) = 30.12	PASS
138	5690(U-NII 2C)	MCS0	-0.26	0.94	23.98 or 11+10log(B) = 29.78	PASS
138	5690 (U-NII 3)	MCS0	-11.62	0.07	30	PASS
155	5775	MCS0	17.92	61.996	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	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	15.66	36.844	23.98	PASS
58	5290	MCS0	15.79	37.963	23.98 or 11+10log(B) = 30.08	PASS
106	5530	MCS0	13.56	22.718	23.98 or 11+10log(B) = 30.06	PASS
122	5610	MCS0	15.90	38.937	23.98 or 11+10log(B) = 30.08	PASS
138	5690(U-NII 2C)	MCS0	-0.25	0.94	23.98 or 11+10log(B) = 29.77	PASS
138	5690 (U-NII 3)	MCS0	-11.77	0.07	30	PASS
155	5775	MCS0	17.67	58.528	30	PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1				
42	5210	MCS0	15.42	14.91	**18.23**	66.473	23.98	PASS
58	5290	MCS0	16.18	15.02	**18.69**	74.004	23.98 or 11+10log(B) = 30.08	PASS
106	5530	MCS0	16.28	14.87	18.69	73.891	23.98 or 11+10log(B) = 30.06	PASS
122	5610	MCS0	15.83	15.03	18.50	70.833	23.98 or 11+10log(B) = 30.08	PASS
138	5690(U-NII 2C)	MCS0	17.41	17.47	**20.49**	112.047	23.98 or 11+10log(B) = 29.77	PASS
138	5690 (U-NII 3)	MCS0	6.06	5.96	9.06	8.051	30	PASS
155	5775	MCS0	17.59	17.33	**20.52**	112.613	30	PASS

802.11ax_HE80_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	14.37	27.376	23.98	PASS
		MCS0	484/65	14.58	28.732	23.98	PASS
58	5290	MCS0	full	14.59	28.798	23.98 or 11+10log(B) = 30.12	PASS
		MCS0	484/66	14.63	29.065	23.98 or 11+10log(B) = 30.12	PASS
106	5530	MCS0	full	13.79	23.953	23.98 or 11+10log(B) = 30.13	PASS
		MCS0	484/65	11.99	15.826	23.98 or 11+10log(B) = 30.13	PASS
122	5610	MCS0	full	13.92	24.681	23.98 or 11+10log(B) = 30.08	PASS
		MCS0	484/66	14.42	27.693	23.98 or 11+10log(B) = 30.08	PASS
138	5690(U-NII 2C)	MCS0	full	-0.27	0.939	23.98 or 11+10log(B) = 29.79	PASS
138	5690 (U-NII 3)	MCS0	full	-11.47	0.071	30	PASS
155	5775	MCS0	full	14.46	27.949	30	PASS
		MCS0	484/65	14.35	27.250	30	PASS
		MCS0	484/66	14.62	28.998	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.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	full	13.82	24.119	23.98	PASS
		MCS0	484/65	14.46	27.949	23.98	PASS
58	5290	MCS0	full	13.69	23.408	23.98 or 11+10log(B) = 30.12	PASS
		MCS0	484/66	14.25	26.630	23.98 or 11+10log(B) = 30.12	PASS
106	5530	MCS0	full	12.99	19.923	23.98 or 11+10log(B) = 30.13	PASS
		MCS0	484/65	11.95	15.681	23.98 or 11+10log(B) = 30.13	PASS
122	5610	MCS0	full	13.76	23.788	23.98 or 11+10log(B) = 30.12	PASS
		MCS0	484/66	14.20	26.325	23.98 or 11+10log(B) = 30.12	PASS
138	5690(U-NII 2C)	MCS0	full	-0.28	0.938	23.98 or 11+10log(B) = 29.80	PASS
138	5690 (U-NII 3)	MCS0	full	-11.43	0.072	30	PASS
155	5775	MCS0	full	14.22	26.446	30	PASS
		MCS0	484/65	14.22	26.446	30	PASS
		MCS0	484/66	14.39	27.502	30	PASS

802.11ax_HE80_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
42	5210	MCS0	full	13.83	13.43	16.69	46.650	23.98	PASS
		MCS0	484/65	14.01	13.61	**16.87**	48.625	23.98	PASS
58	5290	MCS0	full	13.95	13.23	16.66	46.332	23.98 or 11+10log(B) = 30.12	PASS
		MCS0	484/66	14.1	13.27	**16.76**	47.411	23.98 or 11+10log(B) = 30.12	PASS
106	5530	MCS0	full	13.33	12.11	15.82	38.165	23.98 or 11+10log(B) = 30.13	PASS
		MCS0	484/65	11.69	10.67	14.26	26.692	23.98 or 11+10log(B) = 30.13	PASS
122	5610	MCS0	full	13.74	13.36	16.61	45.794	23.98 or 11+10log(B) = 30.08	PASS
		MCS0	484/66	13.9	13.32	**16.67**	46.490	23.98 or 11+11log(B) = 30.08	PASS
138	5690(U-NII 2C)	MCS0	full	13.57	13.30	16.49	44.546	23.98 or 11+10log(B) = 29.79	PASS
138	5690 (U-NII 3)	MCS0	full	2.37	2.15	5.31	3.398	30	PASS
155	5775	MCS0	full	13.92	13.53	**16.78**	47.680	30	PASS
		MCS0	484/65	13.89	13.29	16.65	46.284	30	PASS
		MCS0	484/66	13.9	13.47	16.74	47.253	30	PASS

802.11ax_HE160_Ch0

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
50	5250	MCS0	full	12.96	19.786	23.98 or 11+10log(B) = 33.18	PASS
		MCS0	996/67	11.40	13.815	23.98 or 11+10log(B) = 33.18	PASS
		MCS0	996/S67	13.71	23.516	23.98 or 11+10log(B) = 33.18	PASS
114	5570	MCS0	full	12.97	19.832	23.98 or 11+10log(B) = 33.14	PASS
		MCS0	996/67	10.09	10.218	23.98 or 11+10log(B) = 33.14	PASS
		MCS0	996/S67	12.75	18.852	23.98 or 11+10log(B) = 33.14	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_HE160_Ch1

CH	Frequency (MHz)	Data Rate	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)			RESULT
50	5250	MCS0	full	12.88	19.425	23.98	or 11+10log(B) =	33.16	PASS
		MCS0	996/67	10.59	11.465	23.98	or 11+10log(B) =	33.16	PASS
		MCS0	996/S67	13.43	22.048	23.98	or 11+10log(B) =	33.16	PASS
114	5570	MCS0	full	12.91	19.560	23.98	or 11+10log(B) =	33.19	PASS
		MCS0	996/67	9.69	9.319	23.98	or 11+10log(B) =	33.19	PASS
		MCS0	996/S67	12.60	18.212	23.98	or 11+10log(B) =	33.19	PASS

802.11ax_HE160_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)			RESULT
				CH 0	CH 1						
50	5250	MCS0	full	12.67	12.55	15.66	36.850	23.98	or 11+10log(B) =	33.16	PASS
		MCS0	996/67	10.11	10.46	13.34	21.590	23.98	or 11+10log(B) =	33.16	PASS
		MCS0	996/S67	12.86	12.71	15.84	38.367	23.98	or 11+10log(B) =	33.16	PASS
114	5570	MCS0	full	12.72	12.54	15.68	37.024	23.98	or 11+10log(B) =	33.14	PASS
		MCS0	996/67	9.82	8.49	12.26	16.825	23.98	or 11+10log(B) =	33.14	PASS
		MCS0	996/S67	12.18	11.96	15.13	32.549	23.98	or 11+10log(B) =	33.14	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.

9.5.2 ISED EIRP

802.11a_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	15.82	-0.660	15.16	32.837	23.01	or 10+10log(B)=	22.14	PASS
44	5220	**16.01**	-0.660	**15.35**	**34.306**	23.01	or 10+10log(B)=	22.14	PASS
48	5240	15.88	-0.660	15.22	33.294	23.01	or 10+10log(B)=	22.14	PASS
52	5260	**18.89**	-0.660	**18.23**	**66.583**	30	or 17+10log(B)=	29.14	PASS
60	5300	17.78	-0.660	17.12	51.566	30	or 17+10log(B)=	29.14	PASS
64	5320	16.59	-0.660	15.93	39.207	30	or 17+10log(B)=	29.14	PASS
100	5500	16.42	0.610	17.03	50.509	30	or 17+10log(B)=	29.15	PASS
116	5580	**18.25**	0.610	**18.86**	**76.978**	30	or 17+10log(B)=	29.15	PASS
140	5700	**16.57**	0.610	**17.18**	**52.284**	30	or 17+10log(B)=	29.14	PASS

802.11a_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	15.28	-2.540	12.74	18.809	23.01	or 10+10log(B)=	22.14	PASS
44	5220	15.43	-2.540	12.89	19.470	23.01	or 10+10log(B)=	22.14	PASS
48	5240	**15.47**	-2.540	**12.93**	**19.650**	23.01	or 10+10log(B)=	22.14	PASS
52	5260	**17.87**	-1.180	**16.69**	**46.705**	30	or 17+10log(B)=	29.15	PASS
60	5300	17.01	-1.180	15.83	38.315	30	or 17+10log(B)=	29.14	PASS
64	5320	15.71	-1.180	14.53	28.403	30	or 17+10log(B)=	29.15	PASS
100	5500	15.64	-1.120	14.52	28.338	30	or 17+10log(B)=	29.14	PASS
116	5580	**17.81**	-1.120	**16.69**	**46.705**	30	or 17+10log(B)=	29.14	PASS
140	5700	**16.51**	-1.120	**15.39**	**34.623**	30	or 17+10log(B)=	29.14	PASS

802.11a_43Tx

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	18.40	1.460	19.86	96.802	23.01	or 10+10log(B)=	22.14	PASS
44	5220	**18.55**	1.460	**20.01**	**100.143**	23.01	or 10+10log(B)=	22.14	PASS
48	5240	18.48	1.460	19.94	98.537	23.01	or 10+10log(B)=	22.14	PASS
52	5260	**20.99**	2.090	**23.08**	**203.208**	30	or 17+10log(B)=	29.14	PASS
60	5300	20.05	2.090	22.14	163.829	30	or 17+10log(B)=	29.14	PASS
64	5320	18.92	2.090	21.01	126.237	30	or 17+10log(B)=	29.14	PASS
100	5500	18.73	2.800	21.53	142.381	30	or 17+10log(B)=	29.14	PASS
116	5580	**20.78**	2.800	**23.58**	**227.999**	30	or 17+10log(B)=	29.14	PASS
140	5700	**19.28**	2.800	**22.08**	**161.571**	30	or 17+10log(B)=	29.14	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)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	16.12	-0.660	15.46	35.156	23.01	or 10+10log(B)=	22.45	PASS
44	5220	16.27	-0.660	15.61	36.392	23.01	or 10+10log(B)=	22.45	PASS
48	5240	**17.36**	-0.660	**16.70**	**46.774**	23.01	or 10+10log(B)=	22.45	PASS
52	5260	**18.65**	-0.660	**17.99**	**62.951**	30	or 17+10log(B)=	29.45	PASS
60	5300	17.42	-0.660	16.76	47.424	30	or 17+10log(B)=	29.46	PASS
64	5320	16.36	-0.660	15.70	37.154	30	or 17+10log(B)=	29.45	PASS
100	5500	16.33	0.610	16.94	49.431	30	or 17+10log(B)=	29.45	PASS
116	5580	**18.11**	0.610	**18.72**	**74.473**	30	or 17+10log(B)=	29.45	PASS
140	5700	**16.35**	0.610	**16.96**	**49.659**	30	or 17+10log(B)=	29.45	PASS

802.11n_HT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	15.87	-2.540	13.33	21.528	23.01	or 10+10log(B)=	22.46	PASS
44	5220	15.92	-2.540	13.38	21.777	23.01	or 10+10log(B)=	22.45	PASS
48	5240	**16.84**	-2.540	**14.30**	**26.915**	23.01	or 10+10log(B)=	22.46	PASS
52	5260	**17.93**	-1.180	**16.75**	**47.315**	30	or 17+10log(B)=	29.45	PASS
60	5300	16.82	-1.180	15.64	36.644	30	or 17+10log(B)=	29.45	PASS
64	5320	15.44	-1.180	14.26	26.669	30	or 17+10log(B)=	29.45	PASS
100	5500	15.46	-1.120	14.34	27.164	30	or 17+10log(B)=	29.45	PASS
116	5580	**17.65**	-1.120	**16.53**	**44.978**	30	or 17+10log(B)=	29.46	PASS
140	5700	**16.31**	-1.120	**15.19**	**33.037**	30	or 17+10log(B)=	29.45	PASS

802.11n_HT20_MIMO

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	18.82	1.460	20.28	106.616	23.01	or 10+10log(B)=	22.45	PASS
44	5220	18.89	1.460	20.35	108.285	23.01	or 10+10log(B)=	22.45	PASS
48	5240	**20.34**	1.460	**21.80**	**151.376**	23.01	or 10+10log(B)=	22.45	PASS
52	5260	**20.99**	2.090	**23.08**	**203.110**	30	or 17+10log(B)=	29.45	PASS
60	5300	19.95	2.090	22.04	159.773	30	or 17+10log(B)=	29.45	PASS
64	5320	18.77	2.090	20.86	121.774	30	or 17+10log(B)=	29.45	PASS
100	5500	18.50	2.800	21.30	134.799	30	or 17+10log(B)=	29.45	PASS
116	5580	**20.61**	2.800	**23.41**	**219.342**	30	or 17+10log(B)=	29.45	PASS
140	5700	**19.14**	2.800	**21.94**	**156.338**	30	or 17+10log(B)=	29.45	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_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	16.08	-0.660	15.42	34.834	23.01	or 10+10log(B)=	#NUM!	PASS
44	5220	16.24	-0.660	15.58	36.141	23.01	or 10+10log(B)=	#NUM!	PASS
48	5240	**17.33**	-0.660	**16.67**	**46.452**	23.01	or 10+10log(B)=	#NUM!	PASS
52	5260	**18.62**	-0.660	**17.96**	**62.517**	30	or 17+10log(B)=	#NUM!	PASS
60	5300	17.39	-0.660	16.73	47.098	30	or 17+10log(B)=	#NUM!	PASS
64	5320	16.33	-0.660	15.67	36.898	30	or 17+10log(B)=	#NUM!	PASS
100	5500	16.28	0.610	16.89	48.865	30	or 17+10log(B)=	#NUM!	PASS
116	5580	**18.07**	0.610	**18.68**	**73.790**	30	or 17+10log(B)=	#NUM!	PASS
140	5700	**16.32**	0.610	**16.93**	**49.317**	30	or 17+10log(B)=	#NUM!	PASS

802.11ac_VHT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	15.84	-2.540	13.30	21.380	23.01	or 10+10log(B)=	#NUM!	PASS
44	5220	15.89	-2.540	13.35	21.627	23.01	or 10+10log(B)=	#NUM!	PASS
48	5240	**16.81**	-2.540	**14.27**	**26.730**	23.01	or 10+10log(B)=	#NUM!	PASS
52	5260	**17.90**	-1.180	**16.72**	**46.989**	30	or 17+10log(B)=	#NUM!	PASS
60	5300	16.79	-1.180	15.61	36.392	30	or 17+10log(B)=	#NUM!	PASS
64	5320	15.41	-1.180	14.23	26.485	30	or 17+10log(B)=	#NUM!	PASS
100	5500	15.43	-1.120	14.31	26.977	30	or 17+10log(B)=	#NUM!	PASS
116	5580	**17.62**	-1.120	**16.50**	**44.668**	30	or 17+10log(B)=	#NUM!	PASS
140	5700	**16.28**	-1.120	**15.16**	**32.810**	30	or 17+10log(B)=	#NUM!	PASS

802.11ac_VHT20_MIMO

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	18.67	1.460	20.13	103.007	23.01	or 10+10log(B)=	#NUM!	PASS
44	5220	18.83	1.460	20.29	106.963	23.01	or 10+10log(B)=	#NUM!	PASS
48	5240	**20.26**	1.460	**21.72**	**148.736**	23.01	or 10+10log(B)=	#NUM!	PASS
52	5260	**20.96**	2.090	**23.05**	**201.912**	30	or 17+10log(B)=	#NUM!	PASS
60	5300	19.86	2.090	21.95	156.588	30	or 17+10log(B)=	#NUM!	PASS
64	5320	18.69	2.090	20.78	119.643	30	or 17+10log(B)=	#NUM!	PASS
100	5500	15.99	2.800	18.79	75.650	30	or 17+10log(B)=	#NUM!	PASS
116	5580	**20.56**	2.800	**23.36**	**216.898**	30	or 17+10log(B)=	#NUM!	PASS
140	5700	**19.08**	2.800	**21.88**	**154.218**	30	or 17+10log(B)=	#NUM!	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_20_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	full	13.94	-0.660	13.28	21.281	23.01	or 10+10log(B)=	22.77	PASS
		26/0	6.96	-0.660	6.30	4.266	23.01	or 10+10log(B)=	22.77	PASS
		52/37	9.64	-0.660	8.98	7.907	23.01	or 10+10log(B)=	22.77	PASS
		106/53	12.79	-0.660	12.13	16.331	23.01	or 10+10log(B)=	22.77	PASS
44	5220	full	14.17	-0.660	13.51	22.439	23.01	or 10+10log(B)=	22.77	PASS
48	5240	full	14.21	-0.660	13.55	22.646	23.01	or 10+10log(B)=	22.76	PASS
52	5260	full	14.63	-0.660	13.97	24.946	30	or 17+10log(B)=	29.77	PASS
60	5300	full	14.43	-0.660	13.77	23.823	30	or 17+10log(B)=	29.77	PASS
64	5320	full	14.25	-0.660	13.59	22.856	30	or 17+10log(B)=	29.77	PASS
		26/8	10.92	-0.660	10.26	10.617	30	or 17+10log(B)=	29.77	PASS
		52/40	13.38	-0.660	12.72	18.707	30	or 17+10log(B)=	29.77	PASS
		106/54	14.49	-0.660	13.83	24.155	30	or 17+10log(B)=	29.77	PASS
100	5500	full	14.37	0.610	14.98	31.477	30	or 17+10log(B)=	29.76	PASS
		26/0	11.12	0.610	11.73	14.894	30	or 17+10log(B)=	29.76	PASS
		52/37	13.52	0.610	14.13	25.882	30	or 17+10log(B)=	29.76	PASS
		106/53	**14.66**	0.610	**15.27**	**33.651**	30	or 17+10log(B)=	29.76	PASS
116	5580	full	14.02	0.610	14.63	29.040	30	or 17+10log(B)=	29.77	PASS
140	5700	full	13.93	0.610	14.54	28.445	30	or 17+10log(B)=	29.77	PASS
		26/8	9.89	0.610	10.50	11.220	30	or 17+10log(B)=	29.77	PASS
		52/40	**12.32**	0.610	**12.93**	**19.634**	30	or 17+10log(B)=	29.77	PASS
		106/54	**14.28**	0.610	**14.89**	**30.832**	30	or 17+10log(B)=	29.77	PASS

802.11ax_20_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	full	13.83	-2.540	11.29	13.459	23.01	or 10+10log(B)=	22.77	PASS
		26/0	6.67	-2.540	4.13	2.588	23.01	or 10+10log(B)=	22.77	PASS
		52/37	9.49	-2.540	6.95	4.955	23.01	or 10+10log(B)=	22.77	PASS
		106/53	12.63	-2.540	10.09	10.209	23.01	or 10+10log(B)=	22.77	PASS
44	5220	full	14.16	-2.540	11.62	14.521	23.01	or 10+10log(B)=	22.78	PASS
48	5240	full	13.94	-2.540	11.40	13.804	23.01	or 10+10log(B)=	22.77	PASS
52	5260	full	14.03	-1.180	12.85	19.275	30	or 17+10log(B)=	29.77	PASS
60	5300	full	14.08	-1.180	12.90	19.498	30	or 17+10log(B)=	29.77	PASS
64	5320	full	13.92	-1.180	12.74	18.793	30	or 17+10log(B)=	29.77	PASS
		26/8	10.46	-1.180	9.28	8.472	30	or 17+10log(B)=	29.77	PASS
		52/40	13.33	-1.180	12.15	16.406	30	or 17+10log(B)=	29.77	PASS
		106/54	**14.25**	-1.180	**13.07**	**20.277**	30	or 17+10log(B)=	29.77	PASS
100	5500	full	13.63	-1.120	12.51	17.824	30	or 17+10log(B)=	29.77	PASS
		26/0	10.43	-1.120	9.31	8.531	30	or 17+10log(B)=	29.77	PASS
		52/37	13.45	-1.120	12.33	17.100	30	or 17+10log(B)=	29.77	PASS
		106/53	**13.97**	-1.120	**12.85**	**19.275**	30	or 17+10log(B)=	29.77	PASS
116	5580	full	**13.97**	-1.120	**12.85**	**19.275**	30	or 17+10log(B)=	29.77	PASS
140	5700	full	13.57	-1.120	12.45	17.579	30	or 17+10log(B)=	29.77	PASS
		26/8	9.71	-1.120	8.59	7.228	30	or 17+10log(B)=	29.77	PASS
		52/40	**12.06**	-1.120	**10.94**	**12.417**	30	or 17+10log(B)=	29.77	PASS
		106/54	**13.84**	-1.120	**12.72**	**18.707**	30	or 17+10log(B)=	29.77	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_20_MIMO

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
36	5180	full	16.72	1.460	18.18	65.746	23.01	or 10+10log(B)=	22.77	PASS
		26/0	9.58	1.460	11.04	12.713	23.01	or 10+10log(B)=	22.77	PASS
		52/37	12.46	1.460	13.92	24.642	23.01	or 10+10log(B)=	22.77	PASS
		106/53	15.59	1.460	17.05	50.737	23.01	or 10+10log(B)=	22.77	PASS
44	5220	full	16.96	1.460	18.42	69.490	23.01	or 10+10log(B)=	22.77	PASS
48	5240	full	16.93	1.460	18.39	69.032	23.01	or 10+10log(B)=	22.76	PASS
52	5260	full	16.95	2.090	19.04	80.251	30	or 17+10log(B)=	29.77	PASS
60	5300	full	16.92	2.090	19.01	79.627	30	or 17+10log(B)=	29.77	PASS
64	5320	full	16.80	2.090	18.89	77.407	30	or 17+10log(B)=	29.77	PASS
		26/8	13.38	2.090	15.47	35.274	30	or 17+10log(B)=	29.77	PASS
		52/40	16.06	2.090	18.15	65.313	30	or 17+10log(B)=	29.77	PASS
		106/54	16.97	2.090	19.06	80.505	30	or 17+10log(B)=	29.77	PASS
100	5500	full	16.71	2.800	19.51	89.367	30	or 17+10log(B)=	29.76	PASS
		26/0	13.49	2.800	16.29	42.518	30	or 17+10log(B)=	29.76	PASS
		52/37	15.94	2.800	18.74	74.771	30	or 17+10log(B)=	29.76	PASS
		106/53	**16.97**	2.800	**19.77**	**94.907**	30	or 17+10log(B)=	29.76	PASS
116	5580	full	16.80	2.800	19.60	91.174	30	or 17+10log(B)=	29.77	PASS
140	5700	full	16.71	2.800	19.51	89.345	30	or 17+10log(B)=	29.77	PASS
		26/8	12.43	2.800	15.23	33.335	30	or 17+10log(B)=	29.77	PASS
		52/40	**15.00**	2.800	**17.80**	**60.229**	30	or 17+10log(B)=	29.77	PASS
		106/54	**16.84**	2.800	**19.64**	**92.054**	30	or 17+10log(B)=	29.77	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)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	15.64	-0.660	14.98	31.477	23.01	or 10+10log(B)=	25.57	PASS
46	5230	**17.02**	-0.660	**16.36**	**43.251**	23.01	or 10+10log(B)=	25.58	PASS
54	5270	**17.77**	-0.660	**17.11**	**51.404**	30	or 17+10log(B)=	32.57	PASS
62	5310	16.58	-0.660	15.92	39.084	30	or 17+10log(B)=	32.57	PASS
102	5510	14.26	0.610	14.87	30.690	30	or 17+10log(B)=	32.57	PASS
110	5550	**16.18**	0.610	**16.79**	**47.753**	30	or 17+10log(B)=	32.57	PASS
134	5670	**16.91**	0.610	**17.52**	**56.494**	30	or 17+10log(B)=	32.57	PASS

802.11n_HT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	15.47	-2.540	12.93	19.634	23.01	or 10+10log(B)=	25.57	PASS
46	5230	**16.44**	-2.540	**13.90**	**24.547**	23.01	or 10+10log(B)=	25.57	PASS
54	5270	**16.95**	-1.180	**15.77**	**37.757**	30	or 17+10log(B)=	32.57	PASS
62	5310	15.69	-1.180	14.51	28.249	30	or 17+10log(B)=	32.58	PASS
102	5510	13.66	-1.120	12.54	17.947	30	or 17+10log(B)=	32.58	PASS
110	5550	**15.91**	-1.120	**14.79**	**30.130**	30	or 17+10log(B)=	32.57	PASS
134	5670	**16.69**	-1.120	**15.57**	**36.058**	30	or 17+10log(B)=	32.57	PASS

802.11n_HT40_MIMO

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	18.46	1.460	19.92	98.200	23.01	or 10+10log(B)=	25.57	PASS
46	5230	**19.60**	1.460	**21.06**	**127.739**	23.01	or 10+10log(B)=	25.57	PASS
54	5270	**20.15**	2.090	**22.24**	**167.620**	30	or 17+10log(B)=	32.57	PASS
62	5310	18.94	2.090	21.03	126.897	30	or 17+10log(B)=	32.57	PASS
102	5510	18.72	2.800	21.52	141.889	30	or 17+10log(B)=	32.57	PASS
110	5550	**18.79**	2.800	**21.59**	**144.263**	30	or 17+10log(B)=	32.57	PASS
134	5670	**19.63**	2.800	**22.43**	**175.088**	30	or 17+10log(B)=	32.57	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)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	15.61	-0.660	14.95	31.261	23.01	or 10+10log(B)=	#NUM!	PASS
46	5230	**16.99**	-0.660	**16.33**	**42.954**	23.01	or 10+10log(B)=	#NUM!	PASS
54	5270	**17.74**	-0.660	**17.08**	**51.050**	30	or 17+10log(B)=	#NUM!	PASS
62	5310	16.55	-0.660	15.89	38.815	30	or 17+10log(B)=	#NUM!	PASS
102	5510	14.23	0.610	14.84	30.479	30	or 17+10log(B)=	#NUM!	PASS
110	5550	**16.15**	0.610	**16.76**	**47.424**	30	or 17+10log(B)=	#NUM!	PASS
134	5670	**16.87**	0.610	**17.48**	**55.976**	30	or 17+10log(B)=	#NUM!	PASS

802.11ac_VHT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	15.47	-2.540	12.93	19.634	23.01	or 10+10log(B)=	#NUM!	PASS
46	5230	**16.44**	-2.540	**13.90**	**24.547**	23.01	or 10+10log(B)=	#NUM!	PASS
54	5270	**16.95**	-1.180	**15.77**	**37.757**	30	or 17+10log(B)=	#NUM!	PASS
62	5310	15.69	-1.180	14.51	28.249	30	or 17+10log(B)=	#NUM!	PASS
102	5510	13.66	-1.120	12.54	17.947	30	or 17+10log(B)=	#NUM!	PASS
110	5550	**15.91**	-1.120	**14.79**	**30.130**	30	or 17+10log(B)=	#NUM!	PASS
134	5670	**16.69**	-1.120	**15.57**	**36.058**	30	or 17+10log(B)=	#NUM!	PASS

802.11ac_VHT40_MIMO

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	18.41	1.460	19.87	97.088	23.01	or 10+10log(B)=	#NUM!	PASS
46	5230	**19.53**	1.460	**20.99**	**125.592**	23.01	or 10+10log(B)=	#NUM!	PASS
54	5270	**20.11**	2.090	**22.20**	**165.968**	30	or 17+10log(B)=	#NUM!	PASS
62	5310	18.89	2.090	20.98	125.444	30	or 17+10log(B)=	#NUM!	PASS
102	5510	**18.66**	2.800	**21.46**	**139.942**	30	or 17+10log(B)=	#NUM!	PASS
110	5550	18.46	2.800	21.26	133.687	30	or 17+10log(B)=	#NUM!	PASS
134	5670	**19.59**	2.800	**22.39**	**173.303**	30	or 17+10log(B)=	#NUM!	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_40_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	full	13.82	-0.660	13.16	20.701	23.01	or 10+10log(B)=	25.77	PASS
		242/61	14.46	-0.660	**13.80**	**23.988**	23.01	or 10+10log(B)=	25.77	PASS
46	5230	full	14.13	-0.660	13.47	22.233	23.01	or 10+10log(B)=	25.76	PASS
54	5270	full	14.55	-0.660	13.89	24.491	30	or 17+10log(B)=	32.77	PASS
62	5310	full	14.28	-0.660	13.62	23.014	30	or 17+10log(B)=	32.76	PASS
		242/62	**14.78**	-0.660	14.12	25.823	30	or 17+10log(B)=	32.76	PASS
102	5510	full	14.26	0.610	14.87	30.690	30	or 17+10log(B)=	32.77	PASS
		242/61	12.97	0.610	13.58	22.803	30	or 17+10log(B)=	32.77	PASS
110	5550	full	13.90	0.610	14.51	28.249	30	or 17+10log(B)=	32.77	PASS
134	5670	full	**14.27**	0.610	**14.88**	**30.761**	30	or 17+10log(B)=	32.77	PASS
		242/62	**13.99**	0.610	**14.60**	**28.840**	30	or 17+10log(B)=	32.77	PASS

802.11ax_40_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	full	13.73	-2.540	11.19	13.152	23.01	or 10+10log(B)=	25.77	PASS
		242/61	14.23	-2.540	**11.69**	**14.757**	23.01	or 10+10log(B)=	25.77	PASS
46	5230	full	14.07	-2.540	11.53	14.223	23.01	or 10+10log(B)=	25.76	PASS
54	5270	full	13.82	-1.180	12.64	18.365	30	or 17+10log(B)=	32.76	PASS
62	5310	full	13.82	-1.180	12.64	18.365	30	or 17+10log(B)=	32.77	PASS
		242/62	**14.27**	-1.180	**13.09**	**20.370**	30	or 17+10log(B)=	32.77	PASS
102	5510	full	13.54	-1.120	12.42	17.458	30	or 17+10log(B)=	32.77	PASS
		242/61	12.41	-1.120	11.29	13.459	30	or 17+10log(B)=	32.77	PASS
110	5550	full	13.82	-1.120	12.70	18.621	30	or 17+10log(B)=	32.76	PASS
134	5670	full	**14.13**	-1.120	**13.01**	**19.999**	30	or 17+10log(B)=	32.77	PASS
		242/62	**13.69**	-1.120	**12.57**	**18.072**	30	or 17+10log(B)=	32.77	PASS

802.11ax_40_MIMO

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
38	5190	full	16.68	1.460	18.14	65.206	23.01	or 10+10log(B)=	25.77	PASS
		242/61	16.88	1.460	**18.34**	**68.247**	23.01	or 10+10log(B)=	25.77	PASS
46	5230	full	16.89	1.460	18.35	68.327	23.01	or 10+10log(B)=	25.76	PASS
54	5270	full	16.98	2.090	19.07	80.689	30	or 17+10log(B)=	32.76	PASS
62	5310	full	16.84	2.090	18.93	78.238	30	or 17+10log(B)=	32.76	PASS
		242/62	16.97	2.090	19.06	80.590	30	or 17+10log(B)=	32.76	PASS
102	5510	full	16.72	2.800	19.52	89.615	30	or 17+10log(B)=	32.77	PASS
		242/61	15.44	2.800	18.24	66.720	30	or 17+10log(B)=	32.77	PASS
110	5550	full	16.68	2.800	19.48	88.692	30	or 17+10log(B)=	32.76	PASS
134	5670	full	**16.98**	2.800	**19.78**	**95.103**	30	or 17+10log(B)=	32.77	PASS
		242/62	**16.70**	2.800	**19.50**	**89.171**	30	or 17+10log(B)=	32.77	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_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
42	5210	**16.07**	-0.660	**15.41**	**34.783**	23.01	or 10+10log(B)=	28.78	PASS
58	5290	**16.60**	-0.660	**15.94**	**39.297**	30	or 17+10log(B)=	35.78	PASS
106	5530	**14.07**	0.610	**14.68**	**29.401**	30	or 17+10log(B)=	35.78	PASS

802.11ac_VHT80_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
42	5210	**15.66**	-2.540	**13.12**	**20.529**	23.01	or 10+10log(B)=	28.78	PASS
58	5290	**15.79**	-1.180	**14.61**	**28.931**	30	or 17+10log(B)=	35.78	PASS
106	5530	**13.56**	-1.120	**12.44**	**17.554**	30	or 17+10log(B)=	35.77	PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
42	5210	**18.23**	1.460	**19.69**	**93.034**	23.01	or 10+10log(B)=	28.78	PASS
58	5290	**18.69**	2.090	**20.78**	**119.745**	30	or 17+10log(B)=	35.78	PASS
106	5530	**18.69**	2.800	**21.49**	**140.797**	30	or 17+10log(B)=	35.77	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_80_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	14.37	-0.660	13.71	23.516	23.01 or 10+10log(B)= 28.87	PASS
		484/65	14.58	-0.660	13.92	24.681	23.01 or 10+10log(B)= 28.87	PASS
58	5290	full	14.59	-0.660	13.93	24.738	30 or 17+10log(B)= 35.87	PASS
		484/66	**14.63**	-0.660	13.97	24.967	30 or 17+10log(B)= 35.87	PASS
106	5530	full	**13.79**	0.610	**14.40**	**27.565**	30 or 17+10log(B)= 35.88	PASS
		484/65	**11.99**	0.610	**12.60**	**18.212**	30 or 17+10log(B)= 35.88	PASS

802.11ax_80_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	13.82	-2.540	11.28	13.439	23.01 or 10+10log(B)= 28.87	PASS
		484/65	**14.46**	-2.540	11.92	15.573	23.01 or 10+10log(B)= 28.87	PASS
58	5290	full	13.69	-1.180	12.51	17.839	30 or 17+10log(B)= 35.88	PASS
		484/66	14.25	-1.180	**13.07**	**20.294**	30 or 17+10log(B)= 35.88	PASS
106	5530	full	**12.99**	-1.120	**11.87**	**15.394**	30 or 17+10log(B)= 35.87	PASS
		484/65	**11.95**	-1.120	**10.83**	**12.116**	30 or 17+10log(B)= 35.87	PASS

802.11ax_80_MIMO

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)	RESULT
42	5210	full	16.69	1.460	18.15	65.291	23.01 or 10+10log(B)= 28.87	PASS
		484/65	**16.87**	1.460	18.33	68.054	23.01 or 10+10log(B)= 28.87	PASS
58	5290	full	16.66	2.090	18.75	74.970	30 or 17+10log(B)= 35.87	PASS
		484/66	16.76	2.090	**18.85**	**76.714**	30 or 17+10log(B)= 35.87	PASS
106	5530	full	**15.82**	2.800	**18.62**	**72.722**	30 or 17+10log(B)= 35.87	PASS
		484/65	**14.26**	2.800	**17.06**	**50.861**	30 or 17+10log(B)= 35.87	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_160_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
50	5250	full	12.96	-0.660	12.30	16.997	30	or 17+10log(B)=	38.93	PASS
		996/67	11.40	-0.660	10.74	11.868	30	or 17+10log(B)=	38.93	PASS
		996/S67	**13.71**	-0.660	13.05	20.201	30	or 17+10log(B)=	38.93	PASS
114	5570	full	12.97	0.610	**13.58**	**22.823**	30	or 17+10log(B)=	38.94	PASS
		996/67	10.09	0.610	10.70	11.759	30	or 17+10log(B)=	38.94	PASS
		996/S67	**12.75**	0.610	**13.36**	**21.695**	30	or 17+10log(B)=	38.94	PASS

802.11ax_160_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
50	5250	full	12.88	-1.180	11.70	14.804	30	or 17+10log(B)=	38.94	PASS
		996/67	10.59	-1.180	9.41	8.737	30	or 17+10log(B)=	38.94	PASS
		996/S67	**13.43**	-1.180	**12.25**	**16.802**	30	or 17+10log(B)=	38.94	PASS
114	5570	full	12.91	-1.120	11.79	15.113	30	or 17+10log(B)=	38.94	PASS
		996/67	9.69	-1.120	8.57	7.201	30	or 17+10log(B)=	38.94	PASS
		996/S67	**12.60**	-1.120	**11.48**	**14.072**	30	or 17+10log(B)=	38.94	PASS

802.11ax_160_MIMO

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (mW)	REQUIRED LIMIT (dBm)			RESULT
50	5250	full	15.66	2.090	17.75	59.626	30	or 17+10log(B)=	31.93	PASS
		996/67	13.34	2.090	15.43	34.934	30	or 17+10log(B)=	31.93	PASS
		996/S67	**15.84**	2.090	17.93	62.081	30	or 17+10log(B)=	31.93	PASS
114	5570	full	15.68	2.800	**18.48**	**70.549**	30	or 17+10log(B)=	31.94	PASS
		996/67	12.26	2.800	15.06	32.060	30	or 17+10log(B)=	31.94	PASS
		996/S67	**15.13**	2.800	**17.93**	**62.020**	30	or 17+10log(B)=	31.94	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.

9.5.3 Conducted output power (ISED)

802.11a_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	**18.89**	**77.511**	23.98 or 11+10log(B) = 23.14	PASS
60	5300	17.78	60.030	23.98 or 11+10log(B) = 23.14	PASS
64	5320	16.59	45.642	23.98 or 11+10log(B) = 23.14	PASS
100	5500	16.42	43.890	23.98 or 11+10log(B) = 23.15	PASS
116	5580	18.25	**66.891**	23.98 or 11+10log(B) = 23.15	PASS
140	5700	16.57	**45.432**	23.98 or 11+10log(B) = 23.14	PASS
144	5720(U-NII 2C)	-1.11	0.774	23.98 or 11+10log(B) = 22.2	PASS
144	5720 (U-NII 3)	-6.27	0.236	30	PASS
149	5745	17.93	62.139	30	PASS
157	5785	18.00	**63.149**	30	PASS
165	5825	17.62	57.858	30	PASS

802.11a_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	**17.87**	**61.286**	23.98 or 11+10log(B) = 23.15	PASS
60	5300	17.01	50.276	23.98 or 11+10log(B) = 23.14	PASS
64	5320	15.71	37.270	23.98 or 11+10log(B) = 23.15	PASS
100	5500	15.64	36.675	23.98 or 11+10log(B) = 23.14	PASS
116	5580	**17.81**	**60.446**	23.98 or 11+10log(B) = 23.14	PASS
140	5700	**16.51**	**44.809**	23.98 or 11+10log(B) = 23.14	PASS
144	5720(U-NII 2C)	-1.10	0.777	23.98 or 11+10log(B) = 22.2	PASS
144	5720 (U-NII 3)	-6.32	0.233	30	PASS
149	5745	17.61	57.725	30	PASS
157	5785	**17.86**	**61.146**	30	PASS
165	5825	17.58	57.328	30	PASS

802.11a_2Tx

CH	Frequency (MHz)	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		CH 0	CH 1	CH 2	CH3				
52	5260	18.42	17.39	0	0	**20.99**	**125.586**	23.98 or 11+10log(B) = 23.14	PASS
60	5300	17.55	16.37	0	0	20.05	101.249	23.98 or 11+10log(B) = 23.14	PASS
64	5320	16.57	15.03	0	0	18.92	78.016	23.98 or 11+10log(B) = 23.14	PASS
100	5500	16.48	14.7	0	0	18.73	74.722	23.98 or 11+10log(B) = 23.14	PASS
116	5580	18.17	17.23	0	0	20.78	**119.656**	23.98 or 11+10log(B) = 23.14	PASS
140	5700	16.51	15.93	0	0	19.28	84.793	23.98 or 11+10log(B) = 23.14	PASS
144	5720(U-NII 2C)	16.69365	16.50068			19.65	**92.226**	23.98 or 11+10log(B) = 22.2	PASS
144	5720 (U-NII 3)	11.53769	11.27139			14.46	27.905	30	PASS
149	5745	17.77	17.41	0	0	20.65	116.083	30	PASS
157	5785	17.78	17.51	0	0	20.70	117.518	30	PASS
165	5825	17.98	17.79	0	0	20.94	**124.165**	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)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	**18.65**	**73.282**	23.98 or 11+10log(B) = 23.45	PASS
60	5300	17.42	55.208	23.98 or 11+10log(B) = 23.46	PASS
64	5320	16.36	43.251	23.98 or 11+10log(B) = 23.45	PASS
100	5500	16.33	42.954	23.98 or 11+10log(B) = 23.45	PASS
116	5580	**18.11**	**64.714**	23.98 or 11+10log(B) = 23.45	PASS
140	5700	**16.35**	**43.152**	23.98 or 11+10log(B) = 23.45	PASS
144	5720(U-NII 2C)	-1.26	0.748	23.98 or 11+10log(B) = 22.40	PASS
144	5720 (U-NII 3)	-5.99	0.252	30	PASS
149	5745	18.32	67.920	30	PASS
157	5785	**18.36**	**68.549**	30	PASS
165	5825	18.13	65.013	30	PASS

802.11n_HT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	**17.93**	62.087	23.98 or 11+10log(B) = 23.45	PASS
60	5300	16.82	48.084	23.98 or 11+10log(B) = 23.45	PASS
64	5320	15.44	34.995	23.98 or 11+10log(B) = 23.45	PASS
100	5500	15.46	35.156	23.98 or 11+10log(B) = 23.45	PASS
116	5580	**17.65**	**58.210**	23.98 or 11+10log(B) = 23.46	PASS
140	5700	**16.31**	**42.756**	23.98 or 11+10log(B) = 23.45	PASS
144	5720(U-NII 2C)	-1.24	0.752	23.98 or 11+10log(B) = 22.4	PASS
144	5720 (U-NII 3)	-6.05	0.248	30	PASS
149	5745	17.90	61.660	30	PASS
157	5785	**18.21**	**66.222**	30	PASS
165	5825	17.82	60.534	30	PASS

802.11n_HT20_MIMO

CH	Frequency (MHz)	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		CH 0	CH 1	CH 2	CH3				
52	5260	18.54	17.33	0	0	20.99	125.525	23.98 or 11+10log(B) = 23.45	PASS
60	5300	17.45	16.35	0	0	19.95	98.742	23.98 or 11+10log(B) = 23.45	PASS
64	5320	16.42	14.97	0	0	18.77	75.258	23.98 or 11+10log(B) = 23.45	PASS
100	5500	16.27	14.53	0	0	18.50	70.743	23.98 or 11+10log(B) = 23.45	PASS
116	5580	18.05	17.1	0	0	**20.61**	**115.112**	23.98 or 11+10log(B) = 23.45	PASS
140	5700	16.42	15.82	0	0	19.14	82.047	23.98 or 11+10log(B) = 23.45	PASS
144	5720(U-NII 2C)	16.47054	16.25081			**19.37**	**86.544**	23.98 or 11+10log(B) = 22.4	PASS
144	5720 (U-NII 3)	11.73948	11.43868			14.60	28.853	30	PASS
149	5745	18.09	17.87	0	0	**20.99**	**125.652**	30	PASS
157	5785	18.17	17.75	0	0	20.98	125.181	30	PASS
165	5825	17.92	17.65	0	0	20.80	120.154	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_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	**18.62**	**72.778**	23.98 or 11+10log(B) = #NUM!	PASS
60	5300	17.39	54.828	23.98 or 11+10log(B) = #NUM!	PASS
64	5320	16.33	42.954	23.98 or 11+10log(B) = #NUM!	PASS
100	5500	16.28	42.462	23.98 or 11+10log(B) = #NUM!	PASS
116	5580	**18.07**	**64.121**	23.98 or 11+10log(B) = #NUM!	PASS
140	5700	**16.32**	**42.855**	23.98 or 11+10log(B) = #NUM!	PASS
144	5720(U-NII 2C)	-1.26	0.748	23.98 or 11+10log(B) = #NUM!	PASS
144	5720 (U-NII 3)	-5.99	0.252	30	PASS
149	5745	18.29	67.453	30	PASS
157	5785	**18.33**	**68.077**	30	PASS
165	5825	18.10	64.565	30	PASS

802.11ac_VHT20_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	**17.90**	61.660	23.98 or 11+10log(B) = #NUM!	PASS
60	5300	16.79	47.753	23.98 or 11+10log(B) = #NUM!	PASS
64	5320	15.41	34.754	23.98 or 11+10log(B) = #NUM!	PASS
100	5500	15.43	34.914	23.98 or 11+10log(B) = #NUM!	PASS
116	5580	**17.62**	**57.810**	23.98 or 11+10log(B) = #NUM!	PASS
140	5700	**16.28**	**42.462**	23.98 or 11+10log(B) = #NUM!	PASS
144	5720(U-NII 2C)	-1.24	0.752	23.98 or 11+10log(B) = #NUM!	PASS
144	5720 (U-NII 3)	-6.05	0.248	30	PASS
149	5745	17.67	58.479	30	PASS
157	5785	**18.17**	**65.615**	30	PASS
165	5825	17.79	60.117	30	PASS

802.11ac_VHT20_MIMO

CH	Frequency (MHz)	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		CH 0	CH 1	CH 2	CH3				
52	5260	18.51	17.31	0	0	**20.96**	**124.785**	23.98 or 11+10log(B) = #NUM!	PASS
60	5300	17.38	16.24	0	0	19.86	96.774	23.98 or 11+10log(B) = #NUM!	PASS
64	5320	16.36	14.87	0	0	18.69	73.942	23.98 or 11+10log(B) = #NUM!	PASS
100	5500	13.63	12.21	0	0	15.99	39.702	23.98 or 11+10log(B) = #NUM!	PASS
116	5580	17.97	17.09	0	0	**20.56**	**113.830**	23.98 or 11+10log(B) = #NUM!	PASS
140	5700	16.37	15.75	0	0	19.08	80.935	23.98 or 11+10log(B) = #NUM!	PASS
144	5720(U-NII 2C)	16.45054	16.20081			**19.34**	**85.857**	23.98 or 11+10log(B) = #NUM!	PASS
144	5720 (U-NII 3)	11.71948	11.38868			14.57	28.625	30	PASS
149	5745	18.01	17.77	0	0	20.90	123.082	30	PASS
157	5785	18.11	17.72	0	0	**20.93**	**123.870**	30	PASS
165	5825	17.88	17.63	0	0	20.77	119.319	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)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	full	14.63	29.040	23.98 or 11+10log(B) = 23.77	PASS
60	5300	full	14.43	27.733	23.98 or 11+10log(B) = 23.77	PASS
64	5320	full	14.25	26.607	23.98 or 11+10log(B) = 23.77	PASS
		26/8	10.92	12.359	23.98 or 11+10log(B) = 23.77	PASS
		52/40	13.38	21.777	23.98 or 11+10log(B) = 23.77	PASS
		106/54	14.49	28.119	23.98 or 11+10log(B) = 23.77	PASS
100	5500	full	14.37	27.353	23.98 or 11+10log(B) = 23.76	PASS
		26/0	11.12	12.942	23.98 or 11+10log(B) = 23.76	PASS
		52/37	13.52	22.491	23.98 or 11+10log(B) = 23.76	PASS
		106/53	**14.66**	**29.242**	23.98 or 11+10log(B) = 23.76	PASS
116	5580	full	14.02	25.235	23.98 or 11+10log(B) = 23.77	PASS
140	5700	full	13.93	24.717	23.98 or 11+10log(B) = 23.77	PASS
		26/8	9.89	9.750	23.98 or 11+10log(B) = 23.77	PASS
		52/40	12.32	17.061	23.98 or 11+10log(B) = 23.77	PASS
		106/54	14.28	26.792	23.98 or 11+10log(B) = 23.77	PASS
144	5720(U-NII 2C)	full	-1.30	0.741	23.98 or 11+10log(B) = 17.49	PASS
144	5720 (U-NII 3)	full	-5.86	0.259	30	PASS
149	5745	full	14.08	25.586	30	PASS
		26/0	**14.12**	**25.823**	30	PASS
		52/37	**14.44**	**27.797**	30	PASS
		106/53	13.87	24.378	30	PASS
157	5785	full	14.27	26.730	30	PASS
165	5825	full	**14.49**	**28.119**	30	PASS
		26/8	14.09	25.645	30	PASS
		52/40	14.17	26.122	30	PASS
		106/54	14.17	26.122	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)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
52	5260	full	14.03	25.293	23.98 or 11+10log(B) = 23.77	PASS
60	5300	full	14.08	25.586	23.98 or 11+10log(B) = 23.77	PASS
64	5320	full	13.92	24.660	23.98 or 11+10log(B) = 23.77	PASS
		26/8	10.46	11.117	23.98 or 11+10log(B) = 23.77	PASS
		52/40	13.33	21.528	23.98 or 11+10log(B) = 23.77	PASS
		106/54	**14.25**	**26.607**	23.98 or 11+10log(B) = 23.77	PASS
100	5500	full	13.63	23.067	23.98 or 11+10log(B) = 23.77	PASS
		26/0	10.43	11.041	23.98 or 11+10log(B) = 23.77	PASS
		52/37	13.45	22.131	23.98 or 11+10log(B) = 23.77	PASS
		106/53	13.97	24.946	23.98 or 11+10log(B) = 23.77	PASS
116	5580	full	13.97	24.946	23.98 or 11+10log(B) = 23.77	PASS
140	5700	full	13.57	22.751	23.98 or 11+10log(B) = 23.77	PASS
		26/8	9.71	9.354	23.98 or 11+10log(B) = 23.77	PASS
		52/40	12.06	16.069	23.98 or 11+10log(B) = 23.77	PASS
		106/54	13.84	24.210	23.98 or 11+10log(B) = 23.77	PASS
144	5720(U-NII 2C)	full	-1.30	0.741	23.98 or 11+10log(B) = 22.6	PASS
144	5720 (U-NII 3)	full	-5.86	0.259	30	PASS
149	5745	full	**13.65**	**23.174**	30	PASS
		26/0	12.55	17.989	30	PASS
		52/37	13.93	24.717	30	PASS
		106/53	13.28	21.281	30	PASS
157	5785	full	**14.23**	**26.485**	30	PASS
165	5825	full	13.75	23.714	30	PASS
		26/8	13.66	23.227	30	PASS
		52/40	13.47	22.233	30	PASS
		106/54	13.45	22.131	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_MIMO

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1	CH 2	CH3				
52	5260	full	14.55	13.24	0	0	16.95	49.596	23.98 or 11+10log(B) = 23.77	PASS
60	5300	full	14.31	13.47	0	0	16.92	49.210	23.98 or 11+10log(B) = 23.77	PASS
64	5320	full	14.16	13.38	0	0	16.80	47.839	23.98 or 11+10log(B) = 23.77	PASS
		26/8	10.85	9.84	0	0	13.38	21.800	23.98 or 11+10log(B) = 23.77	PASS
		52/40	13.33	12.75	0	0	16.06	40.364	23.98 or 11+10log(B) = 23.77	PASS
		106/54	14.28	13.61	0	0	16.97	49.753	23.98 or 11+10log(B) = 23.77	PASS
100	5500	full	14.32	12.98	0	0	16.71	46.901	23.98 or 11+10log(B) = 23.76	PASS
		26/0	10.96	9.93	0	0	13.49	22.314	23.98 or 11+10log(B) = 23.76	PASS
		52/37	13.49	12.28	0	0	15.94	39.240	23.98 or 11+10log(B) = 23.76	PASS
		106/53	14.53	13.31	0	0	16.97	49.808	23.98 or 11+10log(B) = 23.76	PASS
116	5580	full	14.17	13.37	0	0	16.80	47.849	23.98 or 11+10log(B) = 23.77	PASS
140	5700	full	13.76	13.64	0	0	16.71	46.889	23.98 or 11+10log(B) = 23.77	PASS
		26/8	9.89	8.89	0	0	12.43	17.495	23.98 or 11+10log(B) = 23.77	PASS
		52/40	12.24	11.72	0	0	15.00	31.609	23.98 or 11+10log(B) = 23.77	PASS
		106/54	13.86	13.8	0	0	16.84	48.310	23.98 or 11+10log(B) = 23.77	PASS
144	5720(U-NII 2C)	full	12.47525	12.17525			15.34	34.183	23.98 or 11+10log(B) = 22.6	PASS
144	5720 (U-NII 3)	full	7.92137	7.62137			10.78	11.979	30	PASS
149	5745	full	13.82	13.64	0	0	16.74	**47.220**	30	PASS
		26/0	13.47	13.81	0	0	16.65	46.277	30	PASS
		52/37	13.9	14.02	0	0	16.97	49.782	30	PASS
		106/53	13.51	13.62	0	0	16.58	45.453	30	PASS
157	5785	full	14.22	13.71	0	0	16.98	**49.920**	30	PASS
165	5825	full	13.84	14.04	0	0	16.95	49.562	30	PASS
		26/8	13.79	13.69	0	0	16.75	47.322	30	PASS
		52/40	13.6	13.7	0	0	16.66	46.351	30	PASS
		106/54	13.52	13.77	0	0	16.66	46.314	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)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	**17.77**	59.841	23.98 or 11+10log(B) = 26.57	PASS
62	5310	16.58	45.499	23.98 or 11+10log(B) = 26.57	PASS
102	5510	14.26	26.669	23.98 or 11+10log(B) = 26.57	PASS
110	5550	**16.18**	**41.495**	23.98 or 11+10log(B) = 26.57	PASS
134	5670	**16.91**	**49.091**	23.98 or 11+10log(B) = 26.57	PASS
142	5710(U-NII 2C)	-0.56	0.879	23.98 or 11+10log(B) = 26.19	PASS
142	5710 (U-NII 3)	-9.19	0.121	30	PASS
151	5755	17.83	60.674	30	PASS
159	5795	**17.99**	**62.951**	30	PASS

802.11n_HT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	**16.95**	49.545	23.98 or 11+10log(B) = 26.57	PASS
62	5310	15.69	37.068	23.98 or 11+10log(B) = 26.58	PASS
102	5510	13.66	23.227	23.98 or 11+10log(B) = 26.58	PASS
110	5550	**15.91**	**38.994**	23.98 or 11+10log(B) = 26.57	PASS
134	5670	**16.69**	**46.666**	23.98 or 11+10log(B) = 26.57	PASS
142	5710(U-NII 2C)	-0.54	0.884	23.98 or 11+10log(B) = 26.19	PASS
142	5710 (U-NII 3)	-9.36	0.116	30	PASS
151	5755	17.57	57.148	30	PASS
159	5795	**17.77**	**59.841**	30	PASS

802.11n_HT40_MIMO

CH	Frequency (MHz)	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		CH 0	CH 1	CH 2	CH3				
54	5270	17.68	16.53	0	0	20.15	103.592	23.98 or 11+10log(B) = 26.57	PASS
62	5310	16.54	15.23	0	0	18.94	78.424	23.98 or 11+10log(B) = 26.57	PASS
102	5510	16.44	14.83	0	0	18.72	74.464	23.98 or 11+10log(B) = 26.57	PASS
110	5550	16.19	15.33	0	0	**18.79**	**75.710**	23.98 or 11+10log(B) = 26.57	PASS
134	5670	16.76	16.48	0	0	19.63	91.887	23.98 or 11+10log(B) = 26.57	PASS
142	5710(U-NII 2C)	17.11168	17.10464			**20.12**	**102.765**	23.98 or 11+10log(B) = 26.19	PASS
142	5710 (U-NII 3)	8.484817	8.28366			11.40	13.790	30	PASS
151	5755	17.66	17.51	0	0	20.60	114.708	30	PASS
159	5795	17.75	17.61	0	0	**20.69**	**117.243**	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)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	**17.74**	59.429	23.98 or 11+10log(B) = #NUM!	PASS
62	5310	16.55	45.186	23.98 or 11+10log(B) = #NUM!	PASS
102	5510	14.23	26.485	23.98 or 11+10log(B) = #NUM!	PASS
110	5550	**16.15**	**41.210**	23.98 or 11+10log(B) = #NUM!	PASS
134	5670	**16.87**	**48.641**	23.98 or 11+10log(B) = #NUM!	PASS
142	5710(U-NII 2C)	-0.56	0.879	23.98 or 11+10log(B) = #NUM!	PASS
142	5710 (U-NII 3)	-9.19	0.121	30	PASS
151	5755	17.80	60.256	30	PASS
159	5795	**17.96**	**62.517**	30	PASS

802.11ac_VHT40_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	**16.95**	49.545	23.98 or 11+10log(B) = #NUM!	PASS
62	5310	15.69	37.068	23.98 or 11+10log(B) = #NUM!	PASS
102	5510	13.66	23.227	23.98 or 11+10log(B) = #NUM!	PASS
110	5550	**15.91**	**38.994**	23.98 or 11+10log(B) = #NUM!	PASS
134	5670	**16.69**	**46.666**	23.98 or 11+10log(B) = #NUM!	PASS
142	5710(U-NII 2C)	-0.54	0.884	23.98 or 11+10log(B) = #NUM!	PASS
142	5710 (U-NII 3)	-9.36	0.116	30	PASS
151	5755	17.57	57.148	30	PASS
159	5795	**17.77**	**59.841**	30	PASS

802.11ac_VHT40_MIMO

CH	Frequency (MHz)	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		CH 0	CH 1	CH 2	CH3				
54	5270	17.65	16.47	0	0	20.11	102.571	23.98 or 11+10log(B) = #NUM!	PASS
62	5310	16.49	15.18	0	0	18.89	77.527	23.98 or 11+10log(B) = #NUM!	PASS
102	5510	16.38	14.77	0	0	**18.66**	**73.443**	23.98 or 11+10log(B) = #NUM!	PASS
110	5550	16.23	14.5	0	0	18.46	70.160	23.98 or 11+10log(B) = #NUM!	PASS
134	5670	16.73	16.42	0	0	19.59	90.951	23.98 or 11+10log(B) = #NUM!	PASS
142	5710(U-NII 2C)	17.07168	17.07464			**20.08**	**101.940**	23.98 or 11+10log(B) = #NUM!	PASS
142	5710 (U-NII 3)	8.444817	8.25366			11.36	13.679	30	PASS
151	5755	17.62	17.47	0	0	20.56	113.657	30	PASS
159	5795	17.71	17.58	0	0	**20.66**	**116.300**	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)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	full	14.55	28.510	23.98 or 11+10log(B) = 26.77	PASS
62	5310	full	14.28	26.792	23.98 or 11+10log(B) = 26.76	PASS
		242/62	**14.78**	**30.061**	23.98 or 11+10log(B) = 26.76	PASS
102	5510	full	14.26	26.669	23.98 or 11+10log(B) = 26.77	PASS
		242/61	12.97	19.815	23.98 or 11+10log(B) = 26.77	PASS
110	5550	full	13.90	24.547	23.98 or 11+10log(B) = 26.77	PASS
134	5670	full	14.27	26.730	23.98 or 11+10log(B) = 26.77	PASS
		242/62	**13.99**	**25.061**	23.98 or 11+10log(B) = 26.77	PASS
142	5710(U-NII 2C)	full	-0.59	0.873	23.98 or 11+10log(B) = 26.3	PASS
142	5710 (U-NII 3)	full	-8.95	0.127	30	PASS
151	5755	full	13.98	25.003	30	PASS
		242/61	13.96	24.889	30	PASS
159	5795	full	13.83	24.155	30	PASS
		242/62	**14.07**	**25.527**	30	PASS

802.11ax_HE40_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
54	5270	full	13.82	24.099	23.98 or 11+10log(B) = 26.76	PASS
62	5310	full	13.82	24.099	23.98 or 11+10log(B) = 26.77	PASS
		242/62	**14.27**	**26.730**	23.98 or 11+10log(B) = 26.77	PASS
102	5510	full	13.54	22.594	23.98 or 11+10log(B) = 26.77	PASS
		242/61	12.41	17.418	23.98 or 11+10log(B) = 26.77	PASS
110	5550	full	13.82	24.099	23.98 or 11+10log(B) = 26.76	PASS
134	5670	full	14.13	25.882	23.98 or 11+10log(B) = 26.77	PASS
		242/62	**13.69**	**23.388**	23.98 or 11+10log(B) = 26.77	PASS
142	5710(U-NII 2C)	full	-0.59	0.872	23.98 or 11+10log(B) = 26.3	PASS
142	5710 (U-NII 3)	full	-8.93	0.128	30	PASS
151	5755	full	13.93	24.717	30	PASS
		242/61	**14.38**	**27.416**	30	PASS
159	5795	full	13.72	23.550	30	PASS
		242/62	13.79	23.933	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_MIMO

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1	CH 2	CH3				
54	5270	full	14.47	13.4	0	0	16.98	49.867	23.98 or 11+10log(B) = 26.76	PASS
62	5310	full	14.22	13.41	0	0	16.84	48.352	23.98 or 11+10log(B) = 26.76	PASS
		242/62	14.28	13.62	0	0	16.97	49.806	23.98 or 11+10log(B) = 26.76	PASS
102	5510	full	14.22	13.14	0	0	16.72	47.030	23.98 or 11+10log(B) = 26.77	PASS
		242/61	12.93	11.87	0	0	15.44	35.015	23.98 or 11+10log(B) = 26.77	PASS
110	5550	full	13.84	13.49	0	0	16.68	46.546	23.98 or 11+10log(B) = 26.76	PASS
134	5670	full	14.09	13.85	0	0	16.98	**49.911**	23.98 or 11+10log(B) = 26.77	PASS
		242/62	13.82	13.56	0	0	16.70	**46.798**	23.98 or 11+10log(B) = 26.77	PASS
142	5710(U-NII 2C)	full	13.10897	12.98574			16.06	40.347	23.98 or 11+10log(B) = 26.3	PASS
142	5710 (U-NII 3)	full	4.74612	4.648159			7.71	5.899	30	PASS
151	5755	full	13.75	13.54	0	0	16.66	46.308	30	PASS
		242/61	13.94	13.87	0	0	16.92	**49.152**	30	PASS
159	5795	full	13.82	13.37	0	0	16.61	45.826	30	PASS
		242/62	13.86	13.47	0	0	16.68	46.555	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_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	**16.60**	45.747	23.98 or 11+10log(B) = 29.78	PASS
106	5530	14.07	25.548	23.98 or 11+10log(B) = 29.78	PASS
122	5610	**16.21**	**41.818**	23.98 or 11+10log(B) = 29.77	PASS
138	5690(U-NII 2C)	-0.26	0.941	23.98 or 11+10log(B) = 15.35	PASS
138	5690 (U-NII 3)	-11.62	0.069	30	PASS
155	5775	**17.92**	**61.996**	30	PASS

802.11ac_VHT80_Ch1

CH	Frequency (MHz)	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	**15.79**	37.963	23.98 or 11+10log(B) = 29.78	PASS
106	5530	13.56	22.718	23.98 or 11+10log(B) = 29.77	PASS
122	5610	**15.90**	**38.937**	23.98 or 11+10log(B) = 29.77	PASS
138	5690(U-NII 2C)	-0.25	0.944	23.98 or 11+10log(B) = 29.62	PASS
138	5690 (U-NII 3)	-11.77	0.067	30	PASS
155	5775	**17.67**	**58.528**	30	PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
		CH 0	CH 1	CH 2	CH3				
58	5290	16.18	15.02	0	0	**18.69**	74.004	23.98 or 11+10log(B) = 29.78	PASS
106	5530	16.28	14.87	0	0	18.69	73.891	23.98 or 11+10log(B) = 29.77	PASS
122	5610	15.83	15.03	0	0	18.50	70.833	23.98 or 11+10log(B) = 29.77	PASS
138	5690(U-NII 2C)	17.41338	17.47385			**20.49**	**112.047**	23.98 or 11+10log(B) = 29.62	PASS
138	5690 (U-NII 3)	6.055793	5.960066			9.06	8.051	30	PASS
155	5775	17.59	17.33	0	0	**20.52**	**112.613**	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_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	full	14.59	28.798	23.98 or 11+10log(B) = 29.87	PASS
		484/66	**14.63**	**29.065**	23.98 or 11+10log(B) = 29.87	PASS
106	5530	full	13.79	23.953	23.98 or 11+10log(B) = 29.88	PASS
		484/65	11.99	15.826	23.98 or 11+10log(B) = 29.88	PASS
122	5610	full	13.92	24.681	23.98 or 11+10log(B) = 29.87	PASS
138	5690(U-NII 2C)	full	-0.27	0.939	23.98 or 11+10log(B) = 29.67	PASS
138	5690 (U-NII 3)	full	-11.47	0.071	30	PASS
155	5775	full	14.46	27.949	30	PASS
		484/65	14.35	27.250	30	PASS
		484/66	**14.62**	**28.998**	30	PASS

802.11ax_HE80_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
58	5290	full	13.69	23.408	23.98 or 11+10log(B) = 29.88	PASS
		484/66	**14.25**	**26.630**	23.98 or 11+10log(B) = 29.88	PASS
106	5530	full	12.99	19.923	23.98 or 11+10log(B) = 29.87	PASS
		484/65	11.95	15.681	23.98 or 11+10log(B) = 29.87	PASS
122	5610	full	13.76	23.788	23.98 or 11+10log(B) = 29.87	PASS
138	5690(U-NII 2C)	full	-0.28	0.938	23.98 or 11+10log(B) = 29.67	PASS
138	5690 (U-NII 3)	full	-11.43	0.072	30	PASS
155	5775	full	14.22	26.446	30	PASS
		484/65	14.22	26.446	30	PASS
		484/66	**14.39**	**27.502**	30	PASS

802.11ax_HE80_MIMO

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
			CH 0	CH 1	CH 2	CH3				
58	5290	full	13.95	13.23	0	0	16.66	46.332	23.98 or 11+10log(B) = 29.87	PASS
		484/66	14.1	13.27	0	0	16.76	**47.411**	23.98 or 11+10log(B) = 29.87	PASS
106	5530	full	13.33	12.11	0	0	15.82	38.165	23.98 or 11+10log(B) = 29.87	PASS
		484/65	11.69	10.67	0	0	14.26	26.692	23.98 or 11+10log(B) = 29.87	PASS
122	5610	full	13.74	13.36	0	0	16.61	45.794	23.98 or 11+10log(B) = 29.87	PASS
138	5690(U-NII 2C)	full	13.5725	13.29881			16.49	44.546	23.98 or 11+10log(B) = 29.67	PASS
138	5690 (U-NII 3)	full	2.371857	2.1502			5.31	3.398	30	PASS
155	5775	full	13.92	13.53	0	0	16.78	**47.680**	30	PASS
		484/65	13.89	13.29	0	0	16.65	46.284	30	PASS
		484/66	13.9	13.47	0	0	16.74	47.253	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_HE160_Ch0

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)			RESULT
50	5250	full	12.96	19.786	23.98	or 11+10log(B) =	32.93	PASS
		996/67	11.40	13.815	23.98	or 11+10log(B) =	32.93	PASS
		996/S67	**13.71**	**23.516**	23.98	or 11+10log(B) =	32.93	PASS
114	5570	full	12.97	19.832	23.98	or 11+10log(B) =	32.94	PASS
		996/67	10.09	10.218	23.98	or 11+10log(B) =	32.94	PASS
		996/S67	**12.75**	**18.852**	23.98	or 11+10log(B) =	32.94	PASS

802.11ax_HE160_Ch1

CH	Frequency (MHz)	RU config.	TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)			RESULT
50	5250	full	12.88	19.425	23.98	or 11+10log(B) =	32.94	PASS
		996/67	10.59	11.465	23.98	or 11+10log(B) =	32.94	PASS
		996/S67	**13.43**	**22.048**	23.98	or 11+10log(B) =	32.94	PASS
114	5570	full	12.91	19.560	23.98	or 11+10log(B) =	32.94	PASS
		996/67	9.69	9.319	23.98	or 11+10log(B) =	32.94	PASS
		996/S67	**12.60**	**18.212**	23.98	or 11+10log(B) =	32.94	PASS

802.11ax_HE160_MIMO

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)				TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)			RESULT
			CH 0	CH 1	CH 2	CH3						
50	5250	full	12.67	12.55	0	0	15.66	36.850	23.98	or 11+10log(B) =	32.93	PASS
		996/67	10.11	10.46	0	0	13.34	21.590	23.98	or 11+10log(B) =	32.93	PASS
		996/S67	12.86	12.71	0	0	15.84	**38.367**	23.98	or 11+10log(B) =	32.93	PASS
114	5570	full	12.72	12.54	0	0	15.68	37.024	23.98	or 11+10log(B) =	32.94	PASS
		996/67	9.82	8.49	0	0	12.26	16.825	23.98	or 11+10log(B) =	32.94	PASS
		996/S67	12.18	11.96	0	0	15.13	**32.549**	23.98	or 11+10log(B) =	32.94	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 Standard Applicable

FCC

OPERZTION Band	EUT CATEGORY		LIMIT
U-NII-1	☐	Access Point (Master device)	17dBm/ MHz
	☐	Fixed point-to-point Access Ponit	
	☒	Mobile and portable client device	11dBm/ MHz
U-NII-2A	☒		11dBm/ MHz
U-NII-2C	☒		11dBm/ MHz
U-NII-3	☒		30dBm/ 500kHz
If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.			

ISED

OPERZTION FREQUENCY BAND	LIMIT
5150~5250 MHz	EIRP spectral density 10 dBm / MHz
5250~5350 MHz	11dBm / MHz
5470-5600 MHz and 5650-5725 MHz	11dBm / MHz
5725~5850 MHz	30dBm / 500 kHz
For equipment operating in the band ***5725-5850*** MHz, If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	

Note:

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
$g_{j,k}$ = / 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.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

10.2 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 (601 pts), detector = sample, 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= approximately 1% of EBW, VBW≥ 3RBW, where span is enough to capture the entire bandwidth, Sweep time = Auto, detector = RMS or sample, traces 100 sweeps of video averaging.
5. User the cursor on spectrum to peak search the highest level of trace
6. 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.
8. MIMO mode: offset is set following “measure and add 10 Log (N)” on spectrum to measure the PSD for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antenna.

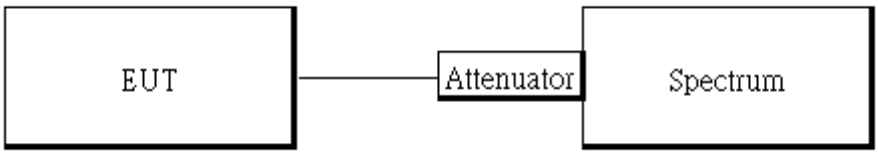
Note: For the test of PSD at MIMO mode, the highest emission of worst case employing Measure and add 10 log (N) technical is reported after the comparison between Main Antenna at single transmitting mode and Aux that yields the higher value. The MIMO transmitting mode produces higher value of outcome.

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.

10.3 Measurement Equipment Used

Conducted Emission Test Site: Conducted 2					
EQUIPMENT TYPE	MFR/BRAND	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071571	06/27/2020	06/26/2021
DC Block	Mini-Circuits	BLK-18-S+	1	12/16/2020	12/15/2021

10.4 Test Set-up



10.5 Measurement Result

10.5.1 Power spectral density

POWER DENSITY 802.11a MODE						
Frequency (MHz)	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180.00	5.86	4.71	8.34		11.00 dBm/MHz	-2.66
5220.00	4.63	4.73	7.69		11.00 dBm/MHz	-3.31
5240.00	4.37	4.47	7.43		11.00 dBm/MHz	-3.57
5260.00	8.14	6.44	10.38		11.00 dBm/MHz	-0.62
5300.00	5.95	5.12	8.56		11.00 dBm/MHz	-2.44
5320.00	4.83	3.59	7.26		11.00 dBm/MHz	-3.74
5500.00	5.02	3.38	7.29		11.00 dBm/MHz	-3.71
5580.00	6.76	6.48	9.63		11.00 dBm/MHz	-1.37
5700.00	6.26	5.68	8.99		11.00 dBm/MHz	-2.01
5720 (U-NII 2C)	7.76	7.11	10.46		11.00 dBm/MHz	-0.54
Frequency (MHz)	**ch0 meas PSD (dBm/300kHz)**	**ch1 meas PSD (dBm/300kHz)**	**10log (500kHz/RBW) Factor(dB)**	**Total Corr'd PSD (dBm/500kHz)**	**Limit**	**Margin (dB)**
5720 (U-NII 3)	2.25	1.58	2.22	7.16	30.00 dBm/500kHz	-22.84
5745.00	2.72	2.06	2.22	7.63	30.00 dBm/500kHz	-22.37
5785.00	2.86	2.07	2.22	7.71	30.00 dBm/500kHz	-22.29
5825.00	2.94	2.04	2.22	7.74	30.00 dBm/500kHz	-22.26

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)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180.00	5.79	5.08	8.46		11.00 dBm/MHz	-2.54
5220.00	4.64	4.85	7.76		11.00 dBm/MHz	-3.24
5240.00	5.39	5.30	8.36		11.00 dBm/MHz	-2.64
5260.00	7.49	6.17	9.89		11.00 dBm/MHz	-1.11
5300.00	5.67	4.68	8.21		11.00 dBm/MHz	-2.79
5320.00	4.46	3.03	6.81		11.00 dBm/MHz	-4.19
5500.00	4.66	3.01	6.92		11.00 dBm/MHz	-4.08
5580.00	7.30	5.94	9.68		11.00 dBm/MHz	-1.32
5700.00	5.79	5.22	8.52		11.00 dBm/MHz	-2.48
5720 (U-NII 2C)	7.31	6.91	10.13		11.00 dBm/MHz	-0.87
Frequency (MHz)	ch0 meas PSD (dBm/300kHz)	ch1 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5720 (U-NII 3)	1.86	1.09	2.22	6.72	30.00 dBm/500kHz	-23.28
5745.00	2.33	1.99	2.22	7.39	30.00 dBm/500kHz	-22.61
5785.00	2.47	2.08	2.22	7.51	30.00 dBm/500kHz	-22.49
5825.00	2.36	1.42	2.22	7.14	30.00 dBm/500kHz	-22.86

POWER DENSITY 802.11n HT40 MODE						
Frequency (MHz)	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5190.00	2.10	1.28	4.72		11.00 dBm/MHz	-6.28
5230.00	3.08	1.99	5.58		11.00 dBm/MHz	-5.42
5270.00	3.32	2.29	5.85		11.00 dBm/MHz	-5.15
5310.00	1.52	0.45	4.03		11.00 dBm/MHz	-6.97
5510.00	2.12	0.59	4.43		11.00 dBm/MHz	-6.57
5550.00	1.08	1.07	4.09		11.00 dBm/MHz	-6.91
5670.00	3.33	3.41	6.38		11.00 dBm/MHz	-4.62
5710 (U-NII 2C)	4.31	4.03	7.18		11.00 dBm/MHz	-3.82
Frequency (MHz)	ch0 meas PSD (dBm/300kHz)	ch1 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	-2.37	-2.47	2.22	2.81	30.00 dBm/500kHz	-27.19
5755.00	-1.31	-1.54	2.22	3.80	30.00 dBm/500kHz	-26.20
5795.00	-1.23	-1.57	2.22	3.84	30.00 dBm/500kHz	-26.16

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)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5210.00	-0.61	-1.63	1.92		11.00 dBm/MHz	-9.08
5290.00	-0.65	-2.12	1.69		11.00 dBm/MHz	-9.31
5530.00	-0.80	-2.29	1.53		11.00 dBm/MHz	-9.47
5610.00	-1.44	-1.39	1.60		11.00 dBm/MHz	-9.40
5690 (U-NII 2C)	1.71	1.34	4.54		11.00 dBm/MHz	-6.46
Frequency (MHz)	ch0 meas PSD (dBm/300kHz)	ch1 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	-6.14	-6.63	2.22	-1.15	30.00 dBm/500kHz	-31.15
5775.00	-3.96	-4.57	2.22	0.98	30.00 dBm/500kHz	-29.02

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 20 MODE							
Frequency (MHz)	RU config.	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Total Corr'd PSD(dBm/MHz)		Limit	Margin (dB)
5180	full	3.17	2.77	5.99		11.00 dBm/MHz	-5.01
	26/0	4.63	4.59	7.62		11.00 dBm/MHz	-3.38
	52/37	5.05	4.67	7.87		11.00 dBm/MHz	-3.13
	106/53	4.12	4.83	7.50		11.00 dBm/MHz	-3.50
5220	full	2.34	3.01	5.70		11.00 dBm/MHz	-5.30
5240	full	2.12	2.84	5.51		11.00 dBm/MHz	-5.49
5260	full	3.64	2.01	5.91		11.00 dBm/MHz	-5.09
5300	full	2.96	1.77	5.42		11.00 dBm/MHz	-5.58
5320	full	2.34	1.33	4.87		11.00 dBm/MHz	-6.13
	26/8	7.46	7.03	10.26		11.00 dBm/MHz	-0.74
	52/40	6.72	7.30	10.03		11.00 dBm/MHz	-0.97
	106/54	6.62	5.57	9.14		11.00 dBm/MHz	-1.86
5500	full	2.62	1.36	5.05		11.00 dBm/MHz	-5.95
	26/0	7.95	7.38	10.68		11.00 dBm/MHz	-0.32
	52/37	7.96	7.04	10.53		11.00 dBm/MHz	-0.47
	106/53	6.13	4.99	8.61		11.00 dBm/MHz	-2.39
5580	full	3.12	2.58	5.87		11.00 dBm/MHz	-5.13
5700	full	2.99	2.87	5.94		11.00 dBm/MHz	-5.06
	26/8	8.08	7.85	10.98		11.00 dBm/MHz	-0.02
	52/40	7.32	7.35	10.35		11.00 dBm/MHz	-0.65
	106/54	6.84	6.88	9.87		11.00 dBm/MHz	-1.13
5720 (U-NII 2C	full	2.65	2.60	5.64		11.00 dBm/MHz	-5.36
Frequency (MHz)	**RU config.**	**ch0 meas PSD (dBm/300kHz)**	**ch1 meas PSD (dBm/300kHz)**	**10log (500kHz/RBW) Factor(dB)**	**Total Corr'd PSD(dBm/500kHz)**	**Limit**	**Margin (dB)**
5720 (U-NII 3)	full	-2.76	-3.04	2.22	2.34	30.00 dBm/500kHz	-27.66
5745	full	-2.44	-2.50	2.22	2.76	30.00 dBm/500kHz	-27.24
	26/0	6.73	6.96	2.22	12.08	30.00 dBm/500kHz	-17.92
	52/37	4.51	4.80	2.22	9.89	30.00 dBm/500kHz	-20.11
	106/53	1.25	1.09	2.22	6.40	30.00 dBm/500kHz	-23.60
5785	full	-1.76	-2.16	2.22	3.28	30.00 dBm/500kHz	-26.72
5825	full	-1.79	-1.89	2.22	3.39	30.00 dBm/500kHz	-26.61
	26/8	7.23	6.99	2.22	12.34	30.00 dBm/500kHz	-17.66
	52/40	4.93	3.68	2.22	9.58	30.00 dBm/500kHz	-20.42
	106/54	1.37	1.59	2.22	6.71	30.00 dBm/500kHz	-23.29

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 802.11ax 40 MODE						
Frequency (MHz)	RU config.	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Total Corr'd PSD(dBm/MHz)	Limit	Margin (dB)
5190	full	0.05	-0.42	2.83	11.00 dBm/MHz	-8.17
	242/61	3.21	2.78	6.01	11.00 dBm/MHz	-4.99
5230	full	-0.02	-0.28	2.86	11.00 dBm/MHz	-8.14
5270	full	0.13	-1.00	2.61	11.00 dBm/MHz	-8.39
5310	full	-0.22	-1.36	2.26	11.00 dBm/MHz	-8.74
	242/62	2.52	1.62	5.10	11.00 dBm/MHz	-5.90
5510	full	-0.09	-1.14	2.43	11.00 dBm/MHz	-8.57
	242/61	1.41	0.38	3.93	11.00 dBm/MHz	-7.07
5550	full	-0.19	-0.74	2.55	11.00 dBm/MHz	-8.45
5670	full	0.78	0.65	3.72	11.00 dBm/MHz	-7.28
	242/62	3.22	2.74	5.99	11.00 dBm/MHz	-5.01
5710 (U-NII 2C	full	0.06	-0.13	2.97	11.00 dBm/MHz	-8.03

Frequency (MHz)	RU config.	ch0 meas PSD (dBm/300kHz)	ch1 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5710 (U-NII 3)	full	-6.89	-6.93	2.22	-1.68	30.00 dBm/500kHz	-31.68
5755	full	-5.10	-5.07	2.22	0.15	30.00 dBm/500kHz	-29.85
	242/61	-2.03	-2.09	2.22	3.17	30.00 dBm/500kHz	-26.83
5795	full	-4.83	-5.35	2.22	0.15	30.00 dBm/500kHz	-29.85
	242/62	-2.28	-2.92	2.22	2.64	30.00 dBm/500kHz	-27.36

POWER DENSITY 802.11ax 80 MODE						
Frequency (MHz)	RU config.	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Total Corr'd PSD(dBm/MHz)	Limit	Margin (dB)
5210	full	-2.57	-2.88	0.29	11.00 dBm/MHz	-10.71
	484/65	0.33	-0.33	3.02	11.00 dBm/MHz	-7.98
5290	full	-2.72	-3.92	-0.26	11.00 dBm/MHz	-11.26
	484/66	-0.18	-1.46	2.24	11.00 dBm/MHz	-8.76
5530	full	-4.22	-4.30	-1.25	11.00 dBm/MHz	-12.25
	484/65	-2.50	-3.59	0.00	11.00 dBm/MHz	-11.00
5610	full	-2.65	-3.10	0.14	11.00 dBm/MHz	-10.86
	484/66	-0.07	-0.44	2.76	11.00 dBm/MHz	-8.24
5690 (U-NII 2C	full	-2.03	-2.60	0.71	11.00 dBm/MHz	-10.29

Frequency (MHz)	RU config.	ch0 meas PSD (dBm/300kHz)	ch1 meas PSD (dBm/300kHz)	10log (500kHz/RBW) Factor(dB)	Total Corr'd PSD(dBm/500kHz)	Limit	Margin (dB)
5690 (U-NII 3)	full	-9.66	-10.27	2.22	-4.72	30.00 dBm/500kHz	-34.72
5775	full	-7.61	-8.43	2.22	-2.77	30.00 dBm/500kHz	-32.77
	484/65	-5.11	-5.86	2.22	-0.24	30.00 dBm/500kHz	-30.24
	484/66	-5.74	-6.36	2.22	-0.81	30.00 dBm/500kHz	-30.81

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 160 MODE						
Frequency (MHz)	RU config.	ch0 meas PSD (dBm/MHz)	ch1 meas PSD (dBm/MHz)	Total Corr'd PSD(dBm/MHz)	Limit	Margin (dB)
5250	full	-6.57	-6.84	-3.69	11.00 dBm/MHz	-14.69
	996/67	-6.45	-5.99	-3.20	11.00 dBm/MHz	-14.20
	996/S67	-4.46	-4.74	-1.59	11.00 dBm/MHz	-12.59
5570	full	-6.69	-7.01	-3.84	11.00 dBm/MHz	-14.84
	996/67	-7.33	-8.65	-4.93	11.00 dBm/MHz	-15.93
	996/S67	-4.25	-4.71	-1.47	11.00 dBm/MHz	-12.47

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.

10.5.2 EIRP spectral density (ISED)

EIRP spectral density 802.11a MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)	Margin (dB)
5180	8.34	1.46	9.80	10	-0.20
5220	7.69	1.46	9.15	10	-0.85
5240	7.43	1.46	8.89	10	-1.11

EIRP spectral density 802.11n HT20 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP SD (dBm)	Limit (dBm)	Margin (dB)
5180	8.46	1.46	9.92	10	-0.08
5220	7.76	1.46	9.22	10	-0.78
5240	8.36	1.46	9.82	10	-0.18

EIRP spectral density 802.11n HT40 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP SD (dBm)	Limit (dBm)	Margin (dB)
5190	4.72	1.46	6.18	10	-3.82
5230	5.58	1.46	7.04	10	-2.96

EIRP spectral density 802.11ac VHT80 MODE					
Freq. (MHz)	PSD (dBm)	Ant. Gain (dBi)	EIRP SD (dBm)	Limit (dBm)	Margin (dB)
5210	1.92	1.46	3.38	10	-6.62

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.

EIRP spectral density 802.11ax 20 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP SD (dBm)	Limit (dBm)	Margin (dB)
5180	full	5.99	1.46	7.45	10	-2.55
	26/0	7.62	1.46	9.08	10	-0.92
	52/37	7.87	1.46	9.33	10	-0.67
	106/53	7.50	1.46	8.96	10	-1.04
5220	full	5.70	1.46	7.16	10	-2.84
5240	full	5.51	1.46	6.97	10	-3.03

EIRP spectral density 802.11ax 40 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP SD (dBm)	Limit (dBm)	Margin (dB)
5190	full	2.83	1.46	4.29	10	-5.71
	242/61	6.01	1.46	7.47	10	-2.53
5230	full	2.86	1.46	4.32	10	-5.68

EIRP spectral density 802.11ax 80 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP SD (dBm)	Limit (dBm)	Margin (dB)
5210	full	0.29	1.46	1.75	10	-8.25
	484/65	3.02	1.46	4.48	10	-5.52

EIRP spectral density 802.11ax 160 MODE						
Freq. (MHz)	RU config.	PSD (dBm)	Ant. Gain (dBi)	EIRP SD (dBm)	Limit (dBm)	Margin (dB)
5250	full	-3.69	1.46	-2.23	10	-12.23
	996/67	-3.20	1.46	-1.74	10	-11.74
	996/S67	-1.59	1.46	-0.13	10	-10.13

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.