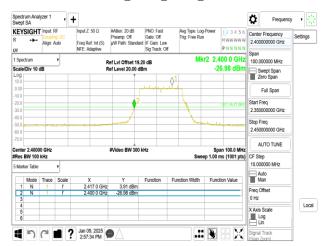
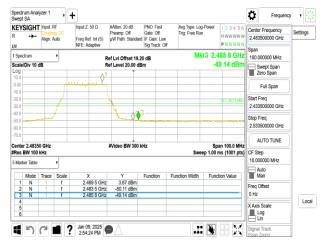


Page: 71 of 260

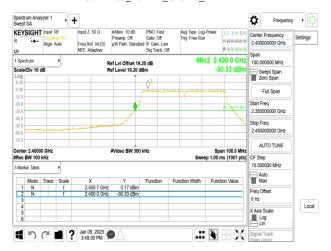
802.11be 20MHz Chain1 2412MHz



802.11be 20MHz Chain1 2462MHz



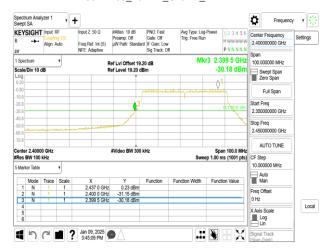
802.11be 40MHz Chain0 2422MHz



802.11be 40MHz Chain0 2452MHz



802.11be 40MHz Chain1 2422MHz



802.11be_40MHz_Chain1_2452MHz



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

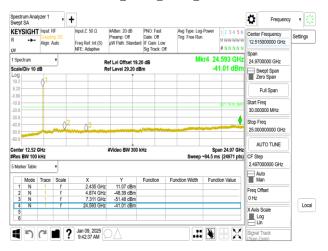


Page: 72 of 260

802.11b 20MHz Chain0 2412MHz



802.11b 20MHz Chain0 2437MHz



802.11b 20MHz Chain0 2462MHz



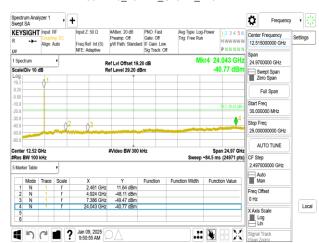
802.11b 20MHz Chain1 2412MHz



802.11b_20MHz_Chain1_2437MHz



802.11b_20MHz_Chain1_2462MHz



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

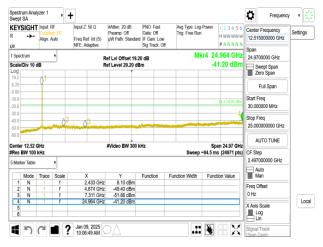


Page: 73 of 260

802.11g_20MHz_Chain0_2412MHz



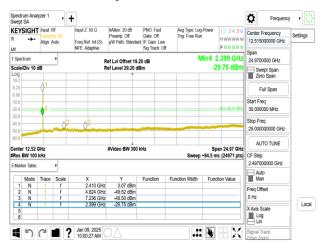
802.11g 20MHz Chain0 2437MHz



802.11g_20MHz_Chain0_2462MHz



802.11g_20MHz_Chain1_2412MHz



802.11g_20MHz_Chain1_2437MHz



802.11g_20MHz_Chain1_2462MHz



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



Page: 74 of 260

802.11n 20MHz Chain0 2412MHz



802.11n 20MHz Chain0 2437MHz



802.11n_20MHz_Chain0_2462MHz



802.11n 20MHz Chain1 2412MHz



802.11n 20MHz Chain1 2437MHz



802.11n_20MHz_Chain1_2462MHz



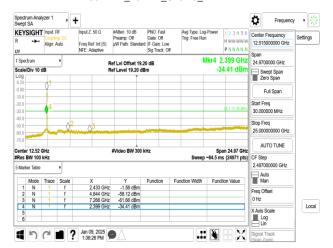
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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



Page: 75 of 260

802.11n 40MHz Chain0 2422MHz



802.11n 40MHz Chain0 2437MHz



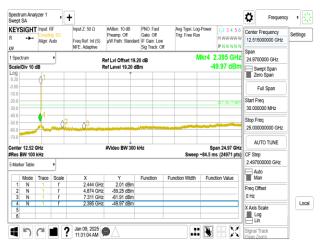
802.11n_40MHz_Chain0_2452MHz



802.11n 40MHz Chain1 2422MHz



802.11n_40MHz_Chain1_2437MHz



802.11n_40MHz_Chain1_2452MHz



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. 除非只有的时,他都是好用属對個對文學具有書,同時他學具屬是例的子。本都學主德本公司書面對面,不可可以推翻。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

台灣檢驗科技股份有限公司

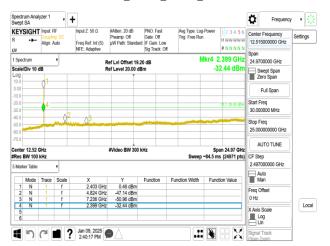
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 $134 \,$ 號

www.sqs.com.tw



Page: 76 of 260

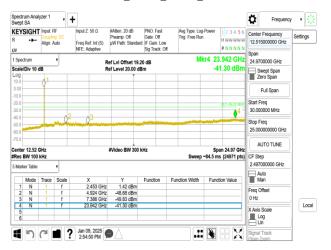
802.11be_20MHz_Chain0_2412MHz



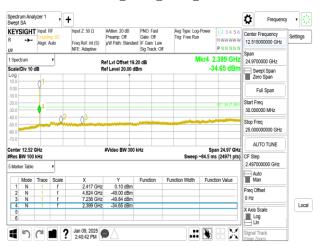
802.11be 20MHz Chain0 2437MHz



802.11be_20MHz_Chain0_2462MHz



802.11be_20MHz_Chain1_2412MHz



802.11be 20MHz Chain1 2437MHz



802.11be_20MHz_Chain1_2462MHz



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

台灣檢驗科技股份有限公司



Page: 77 of 260

802.11be_40MHz_Chain0_2422MHz



802.11be 40MHz Chain0 2437MHz



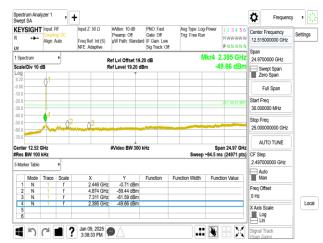
802.11be_40MHz_Chain0_2452MHz



802.11be 40MHz Chain1 2422MHz



802.11be_40MHz_Chain1_2437MHz



802.11be_40MHz_Chain1_2452MHz



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. 除北京方的时,他就是在国际影响是少锋只会表,同时他并且从原则的企业,不可如此推测。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



Page: 78 of 260

11 RADIATED BANDEDGE AND SPURIOUS EMISSION MEASUREMENT

11.1 Standard Applicable

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. In addition, radiated emissions which fall in the restricted bands must also comply with the §15.209 and RSS-Gen §8.9 Table 5 and 6 limit as below.

And according to §15.33(a) (1) & RSS-Gen §6.13.2.a, for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

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

Note:

1. The lower limit shall apply at the transition frequencies.

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. 除非只有铅明,此報生结用攝影測建立幾只有著,同時世輕具攝展例の主。大報生主概太公司書面對可,不可可以複劃。

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

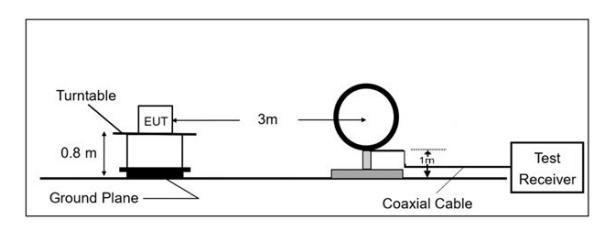
SGS Taiwan Ltd.



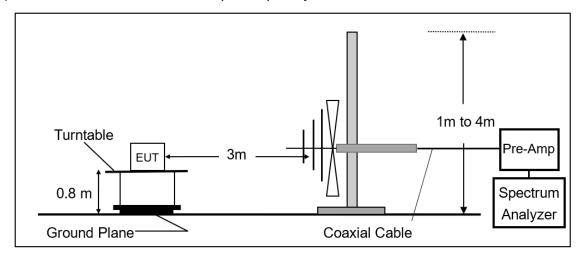
Page: 79 of 260



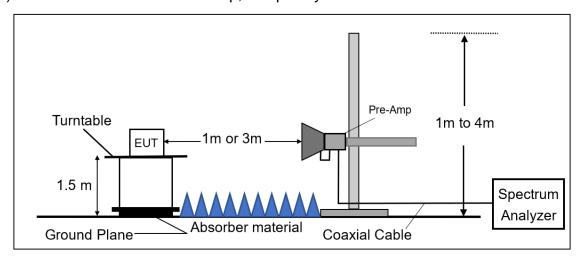
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



(C) Radiated Emission Test Set-Up, Frequency Above 1GHz.



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.



Page: 80 of 260

Measurement Procedure

- 1. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 2. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
- 3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
- 4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
- 5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz.
- 6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
- 7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Maximum Emission Measurements at frequency above 1 GHz.
- 8. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW ≥ 1/T (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
- 9. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
- 10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 12. Repeat above procedures until all default test channel measured were complete.

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

SGS Taiwan Ltd.



Page: 81 of 260

11.4 Field Strength Calculation

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

$$FS = RA + AF + CL - AG$$

Where FS = Field Strength CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude AG = Amplifier Gain

AF = Antenna Factor

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

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

11.5 Test Results of Radiated Spurious Emissions from 9 kHz to 30 MHz

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

11.6 Measurement Result

Note:

- 1. Refer to next page spectrum analyzer data chart and tabular data sheets.
- 2. Measurements are completed at peak and average level, the mark of average is the highest emission in restricted bands

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留的天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



Page: 82 of 260

802.11b

Channel	Frequency	Raw Value(dBm)		Duty factor	Raw Value (dBm)	Antenna Peak Gain (dRi)		Antenna Peak Gain	EIRP Combine	Emission Level	Margin		mit
Chamie	(MHz)	Chain 0	Chain 1	(dB)	2TX (Ch0+1)	Chain 0	Chain 1	2TX (Ch0+1)	(dBm)	(dBuV/m)	(dB)	(dBuV/m)	
4	2412	-40.570	-40.250	N/A	-37.40	3.175	3.175	6.19	-31.21	63.99	-10.01	74	PK
'	2412	-55.022	-53.174	0.00	-50.99	3.175	3.175	6.19	-44.80	50.40	-3.60	54	AV
2	2417	-41.640	-41.900	N/A	-38.76	3.175	3.175	6.19	-32.57	62.63	-11.37	74	PK
-	2417	-53.997	-55.540	0.00	-51.69	3.175	3.175	6.19	-45.50	49.70	-4.30	54	AV
3	2422	-41.900	-41.610	N/A	-38.74	3.175	3.175	6.19	-32.56	62.64	-11.36	74	PK
3		-55.472	-53.491	0.00	-51.36	3.175	3.175	6.19	-45.17	50.03	-3.97	54	AV
	2437	-40.530	-41.110	N/A	-37.80	3.175	3.175	6.19	-31.61	63.59	-10.41	74	PK
		-54.619	-55.019	0.00	-51.80	3.175	3.175	6.19	-45.62	49.58	-4.42	54	AV
6		-41.400	-40.870	N/A	-38.12	3.175	3.175	6.19	-31.93	63.27	-10.73	74	PK
		-55.337	-54.947	0.00	-52.13	3.175	3.175	6.19	-45.94	49.26	-4.74	54	AV
9	2452	-41.110	-41.020	N/A	-38.05	3.175	3.175	6.19	-31.87	63.33	-10.67	74	PK
9	2432	-55.064	-53.107	0.00	-50.97	3.175	3.175	6.19	-44.78	50.42	-3.58	54	AV
10	2457	-41.990	-41.820	N/A	-38.89	3.175	3.175	6.19	-32.71	62.49	-11.51	74	PK
10	2457	-54.448	-52.974	0.00	-50.64	3.175	3.175	6.19	-44.45	50.75	-3.25	54	AV
11	2462	-41.490	-40.930	N/A	-38.19	3.175	3.175	6.19	-32.01	63.19	-10.81	74	PK
- 11		-56.835	-57.098	0.00	-53.95	3.175	3.175	6.19	-47.77	47.43	-6.57	54	AV

Channel	Frequency	Raw Val	Raw Value(dBm)		Raw Value (dBm)	Antenna Pe	ak Gain (dBi)	Antenna Peak Gain	EIRP Combine	Emission Level	Margin	Lir	mit
Chamie	(MHz)	Chain 0	Chain 1	factor (dB)	2TX (Ch0+1)	Chain 0	Chain 1	2TX (Ch0+1)	(dBm)	(dBuV/m)	(dB)	(dBuV/m)	
1	2412	-36.670	-39.070	N/A	-34.70	3.175	3.175	6.19	-28.51	66.69	-7.31	74	PK
'		-53.404	-54.167	0.00	-50.76	3.175	3.175	6.19	-44.57	50.63	-3.37	54	AV
2	0447	-39.590	-40.670	N/A	-37.09	3.175	3.175	6.19	-30.90	64.30	-9.70	74	PK
-	2417	-53.812	-53.251	0.00	-50.51	3.175	3.175	6.19	-44.33	50.87	-3.13	54	AV
3		-40.210	-39.860	N/A	-37.02	3.175	3.175	6.19	-30.84	64.36	-9.64	74	PK
3	2422	-53.529	-53.419	0.00	-50.46	3.175	3.175	6.19	-44.28	50.92	-3.08	54	AV
	2427	-39.190	-40.390	N/A	-36.74	3.175	3.175	6.19	-30.55	64.65	-9.35	74	PK
4		-53.498	-53.733	0.00	-50.60	3.175	3.175	6.19	-44.42	50.78	-3.22	54	AV
		-40.780	-41.810	N/A	-38.25	3.175	3.175	6.19	-32.07	63.13	-10.87	74	PK
	2437	-54.451	-54.490	0.00	-51.46	3.175	3.175	6.19	-45.27	49.93	-4.07	54	AV
6	2437	-39.310	-41.620	N/A	-37.30	3.175	3.175	6.19	-31.12	64.08	-9.92	74	PK
		-55.187	-54.487	0.00	-51.81	3.175	3.175	6.19	-45.63	49.57	-4.43	54	AV
•	0.450	-40.350	-40.180	N/A	-37.25	3.175	3.175	6.19	-31.07	64.13	-9.87	74	PK
9	2452	-53.918	-53.554	0.00	-50.72	3.175	3.175	6.19	-44.54	50.66	-3.34	54	AV
40	0.457	-40.930	-39.020	N/A	-36.86	3.175	3.175	6.19	-30.68	64.52	-9.48	74	PK
10	2457	-54.025	-52.957	0.00	-50.45	3.175	3.175	6.19	-44.26	50.94	-3.06	54	AV
44	2462	-37.730	-39.150	N/A	-35.37	3.175	3.175	6.19	-29.19	66.01	-7.99	74	PK
11		-53.745	-54.429	0.00	-51.06	3.175	3.175	6.19	-44.88	50.32	-3.68	54	AV

802.11n 20M

Channel	Frequency (MHz)	Raw Value(dBm)		Duty factor	Raw Value (dBm)		Peak Gain Bi)	Antenna Peak Gain	EIRP Combine	Emission Level	Margin	Liı	mit
Channel		Chain 0	Chain 1	(dB)	2TX (Ch0+1)	Chain 0	Chain 1	2TX (Ch0+1)	(dBm)	(dBuV/m)	(dB)	(dBu	ıV/m)
1	2412	-37.930	-39.000	N/A	-35.42	3.175	3.175	6.19	-29.24	65.96	-8.04	74	PK
	2412	-53.543	-54.332	0.00	-50.91	3.175	3.175	6.19	-44.72	50.48	-3.52	54	AV
2	2417	-40.690	-40.420	N/A	-37.54	3.175	3.175	6.19	-31.36	63.84	-10.16	74	PK
2	2417	-53.686	-53.196	0.00	-50.42	3.175	3.175	6.19	-44.24	50.96	-3.04	54	AV
3	2422	-39.880	-40.110	N/A	-36.98	3.175	3.175	6.19	-30.80	64.40	-9.60	74	PK
3	2422	-53.729	-53.522	0.00	-50.61	3.175	3.175	6.19	-44.43	50.77	-3.23	54	AV
4	2427	-40.110	-40.370	N/A	-37.23	3.175	3.175	6.19	-31.04	64.16	-9.84	74	PK
*		-53.667	-53.682	0.00	-50.66	3.175	3.175	6.19	-44.48	50.72	-3.28	54	AV
5	2432	-39.470	-40.890	N/A	-37.11	3.175	3.175	6.19	-30.93	64.27	-9.73	74	PK
5		-53.781	-53.928	0.00	-50.84	3.175	3.175	6.19	-44.66	50.54	-3.46	54	AV
		-40.900	-41.050	N/A	-37.96	3.175	3.175	6.19	-31.78	63.42	-10.58	74	PK
	2437	-54.197	-54.380	0.00	-51.28	3.175	3.175	6.19	-45.09	50.11	-3.89	54	AV
6	2437	-42.080	-42.330	N/A	-39.19	3.175	3.175	6.19	-33.01	62.19	-11.81	74	PK
		-54.924	-54.408	0.00	-51.65	3.175	3.175	6.19	-45.46	49.74	-4.26	54	AV
	2447	-38.790	-39.590	N/A	-36.16	3.175	3.175	6.19	-29.98	65.22	-8.78	74	PK
8	2447	-53.455	-53.498	0.00	-50.47	3.175	3.175	6.19	-44.28	50.92	-3.08	54	AV
_	0450	-39.610	-39.760	N/A	-36.67	3.175	3.175	6.19	-30.49	64.71	-9.29	74	PK
9	2452	-54.114	-53.271	0.00	-50.66	3.175	3.175	6.19	-44.48	50.72	-3.28	54	AV
40	0457	-40.230	-39.670	N/A	-36.93	3.175	3.175	6.19	-30.75	64.45	-9.55	74	PK
10	2457	-53.989	-53.113	0.00	-50.52	3.175	3.175	6.19	-44.33	50.87	-3.13	54	AV
		-37.990	-39.670	N/A	-35.74	3.175	3.175	6.19	-29.55	65.65	-8.35	74	PK
11	2462	-53.304	-54.212	0.00	-50.72	3.175	3.175	6.19	-44.54	50.66	-3.34	54	AV

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



Page: 83 of 260

802.11n 40M

Channel	Frequency	Raw Value(dBm)		Duty factor	Raw Value (dBm)		Peak Gain Bi)	Antenna Peak Gain	EIRP Combine	Emission Level	Margin	Lir	mit
Chamilei	(MHz)	Chain 0	Chain 1	(dB)	2TX (Ch0+1)	Chain 0	Chain 1	2TX (Ch0+1)	(dBm)	(dBuV/m)	(dB)	(dBuV/m)	
3	2422	-40.830	-42.340	N/A	-38.51	3.175	3.175	6.19	-32.32	62.88	-11.12	74	PK
٠ ا		-53.417	-54.652	0.00	-50.98	3.175	3.175	6.19	-44.80	50.40	-3.60	54	AV
4	2427	-40.260	-42.550	N/A	-38.25	3.175	3.175	6.19	-32.06	63.14	-10.86	74	PK
4	2421	-53.473	-54.853	0.00	-51.10	3.175	3.175	6.19	-44.91	50.29	-3.71	54	AV
5	2432	-39.430	-41.060	N/A	-37.16	3.175	3.175	6.19	-30.97	64.23	-9.77	74	PK
3	2432	-53.075	-54.282	0.00	-50.63	3.175	3.175	6.19	-44.44	50.76	-3.24	54	AV
	0.407	-40.530	-41.930	N/A	-38.16	3.175	3.175	6.19	-31.98	63.22	-10.78	74	PK
6		-53.283	-55.356	0.00	-51.19	3.175	3.175	6.19	-45.00	50.20	-3.80	54	AV
۰ ا	2437	-43.600	-43.500	N/A	-40.54	3.175	3.175	6.19	-34.35	60.85	-13.15	74	PK
		-54.958	-56.234	0.00	-52.54	3.175	3.175	6.19	-46.35	48.85	-5.15	54	AV
7	2442	-40.010	-41.460	N/A	-37.66	3.175	3.175	6.19	-31.48	63.72	-10.28	74	PK
'	2442	-53.384	-54.958	0.00	-51.09	3.175	3.175	6.19	-44.90	50.30	-3.70	54	AV
8	2447	-41.660	-42.160	N/A	-38.89	3.175	3.175	6.19	-32.71	62.49	-11.51	74	PK
٥	2441	-53.881	-54.513	0.00	-51.18	3.175	3.175	6.19	-44.99	50.21	-3.79	54	AV
9	2452	-40.530	-41.690	N/A	-38.06	3.175	3.175	6.19	-31.88	63.32	-10.68	74	PK
9		-52.926	-54.072	0.00	-50.45	3.175	3.175	6.19	-44.27	50.93	-3.07	54	AV

000 445 - 000

Channel	Frequency	Raw Value(dBm)		Duty	Raw Value Antenna Pe (dBm) (dB			Antenna Peak Gain (dBi)	EIRP Combine	Emission Level	Margin	Limit (dBuV/m	
	(MHz)	Chain 0	Chain 1	(dB)	2TX (Ch0+1)	Chain 0	Chain 1	2TX (Ch0+1)	(dBm)	(dBuV/m)	(dB)	(dBdV/iii)	
1	2412	-39.830	-40.840	N/A	-37.30	3.175	3.175	6.19	-31.11	64.09	-9.91	74	PK
'	2412	-53.643	-54.458	0.00	-51.02	3.175	3.175	6.19	-44.84	50.36	-3.64	54	AV
2	2417	-39.650	-39.470	N/A	-36.55	3.175	3.175	6.19	-30.36	64.84	-9.16	74	PK
-	2417	-53.764	-53.474	0.00	-50.61	3.175	3.175	6.19	-44.42	50.78	-3.22	54	AV
3	2422	-40.740	-40.470	N/A	-37.59	3.175	3.175	6.19	-31.41	63.79	-10.21	74	PK
3	2422	-54.037	-53.741	0.00	-50.88	3.175	3.175	6.19	-44.69	50.51	-3.49	54	AV
	2427	-39.790	-40.130	N/A	-36.95	3.175	3.175	6.19	-30.76	64.44	-9.56	74	PK
4	2421	-53.639	-53.765	0.00	-50.69	3.175	3.175	6.19	-44.51	50.69	-3.31	54	AV
5	2432	-39.650	-39.600	N/A	-36.61	3.175	3.175	6.19	-30.43	64.77	-9.23	74	PK
5	2432	-53.750	-53.961	0.00	-50.84	3.175	3.175	6.19	-44.66	50.54	-3.46	54	AV
	2437	-38.480	-40.780	N/A	-36.47	3.175	3.175	6.19	-30.28	64.92	-9.08	74	PK
6		-53.933	-54.135	0.00	-51.02	3.175	3.175	6.19	-44.84	50.36	-3.64	54	AV
٥		-40.650	-41.870	N/A	-38.21	3.175	3.175	6.19	-32.02	63.18	-10.82	74	PK
		-53.312	-54.066	0.00	-50.66	3.175	3.175	6.19	-44.48	50.72	-3.28	54	AV
7	2442	-40.270	-38.900	N/A	-36.52	3.175	3.175	6.19	-30.34	64.86	-9.14	74	PK
′	2442	-54.386	-53.905	0.00	-51.13	3.175	3.175	6.19	-44.94	50.26	-3.74	54	AV
	2447	-40.080	-39.900	N/A	-36.98	3.175	3.175	6.19	-30.79	64.41	-9.59	74	PK
8	2441	-54.049	-53.617	0.00	-50.82	3.175	3.175	6.19	-44.63	50.57	-3.43	54	AV
9	2452	-40.180	-39.790	N/A	-36.97	3.175	3.175	6.19	-30.79	64.41	-9.59	74	PK
9	2432	-54.249	-53.243	0.00	-50.71	3.175	3.175	6.19	-44.52	50.68	-3.32	54	AV
10	2457	-37.200	-40.570	N/A	-35.56	3.175	3.175	6.19	-29.37	65.83	-8.17	74	PK
10	2457	-53.839	-55.641	0.00	-51.64	3.175	3.175	6.19	-45.45	49.75	-4.25	54	AV
11	2462	-38.740	-41.380	N/A	-36.85	3.175	3.175	6.19	-30.67	64.53	-9.47	74	PK
11	2462	-53.458	-54.521	0.00	-50.95	3.175	3.175	6.19	-44.76	50.44	-3.56	54	AV

802.11be 40M

Channel	Frequency	Raw Val	Raw Value(dBm)		Raw Value (dBm)	Antenna Peak Gain (dBi)		Antenna Peak Gain EIRP (dBi) Combine			Margin (dB)	Limit (dBuV/m)	
	(MHz)	Chain 0	Chain 1	(dB)	2TX (Ch0+1)	Chain 0	Chain 1	2TX (Ch0+1)	(dBm)	(dBuV/m)	(ub)	(4247,)	
3	2422	-40.420	-41.730	N/A	-38.02	3.175	3.175	6.19	-31.83	63.37	-10.63	74	PK
3	2422	-53.088	-54.335	0.00	-50.66	3.175	3.175	6.19	-44.47	50.73	-3.27	54	AV
4	2427	-40.420	-41.150	N/A	-37.76	3.175	3.175	6.19	-31.57	63.63	-10.37	74	PK
+	2421	-52.833	-54.092	0.00	-50.41	3.175	3.175	6.19	-44.22	50.98	-3.02	54	AV
5	2432	-39.220	-42.000	N/A	-37.38	3.175	3.175	6.19	-31.20	64.00	-10.00	74	PK
"		-52.969	-54.297	0.00	-50.57	3.175	3.175	6.19	-44.39	50.81	-3.19	54	AV
	2437	-38.650	-40.550	N/A	-36.49	3.175	3.175	6.19	-30.30	64.90	-9.10	74	PK
6		-52.710	-54.835	0.00	-50.63	3.175	3.175	6.19	-44.45	50.75	-3.25	54	AV
"		-43.820	-44.360	N/A	-41.07	3.175	3.175	6.19	-34.89	60.31	-13.69	74	PK
		-54.872	-56.197	0.00	-52.47	3.175	3.175	6.19	-46.29	48.91	-5.09	54	AV
7	2442	-40.770	-41.610	N/A	-38.16	3.175	3.175	6.19	-31.97	63.23	-10.77	74	PK
'	2442	-54.096	-54.660	0.00	-51.36	3.175	3.175	6.19	-45.17	50.03	-3.97	54	AV
8	2447	-40.650	-41.400	N/A	-38.00	3.175	3.175	6.19	-31.81	63.39	-10.61	74	PK
٥	2447	-53.180	-54.309	0.00	-50.70	3.175	3.175	6.19	-44.51	50.69	-3.31	54	AV
9	2452	-40.100	-42.640	N/A	-38.18	3.175	3.175	6.19	-31.99	63.21	-10.79	74	PK
9	2452	-53.439	-54.600	0.00	-50.97	3.175	3.175	6.19	-44.79	50.41	-3.59	54	AV

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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

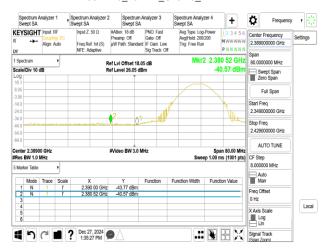
SGS Taiwan Ltd.



Page: 84 of 260

Peak

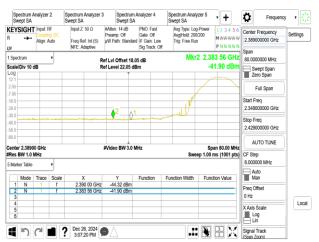
802.11b 20MHz Chain0 2412MHz



802.11b 20MHz Chain0 2417MHz



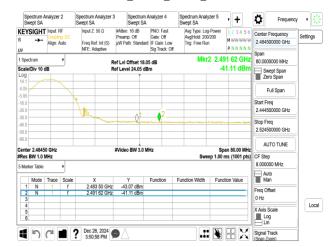
802.11b 20MHz Chain0 2422MHz



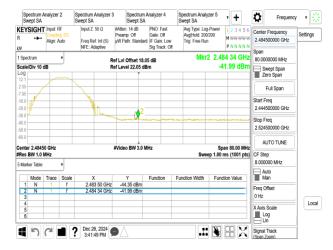
802.11b 20MHz Chain0 2437MHz



802.11b 20MHz Chain0 2452MHz



802.11b 20MHz Chain0 2457MHz



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

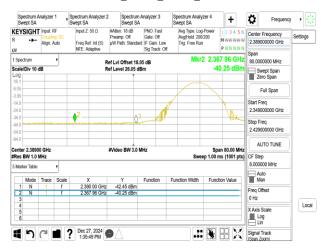


Page: 85 of 260

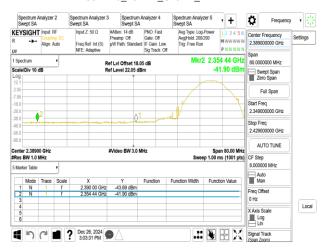
802.11b 20MHz Chain0 2462MHz



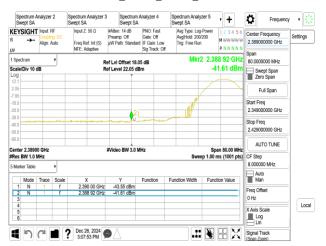
802.11b 20MHz Chain1 2412MHz



802.11b 20MHz Chain1 2417MHz



802.11b 20MHz Chain1 2422MHz



802.11b 20MHz Chain1 2437MHz



802.11b 20MHz Chain1 2452MHz



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

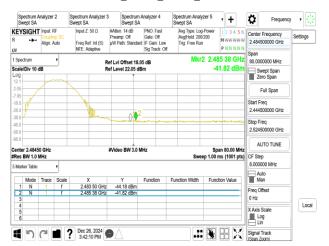
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law

SGS Taiwan Ltd



Page: 86 of 260

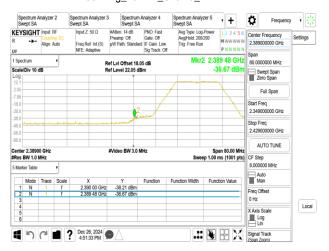
802.11b 20MHz Chain1 2457MHz



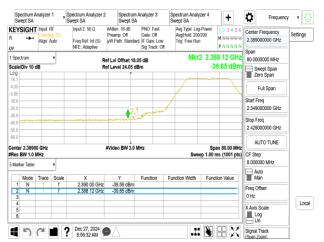
802.11b 20MHz Chain1 2462MHz



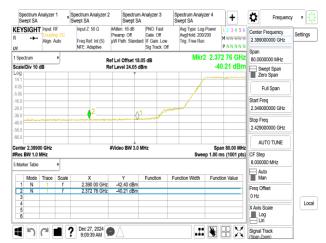
802.11g_20MHz_Chain0_2412MHz



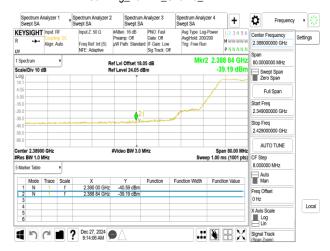
802.11g 20MHz Chain0 2417MHz



802.11g_20MHz_Chain0_2422MHz



802.11g_20MHz_Chain0_2427MHz



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

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law

SGS Taiwan Ltd.