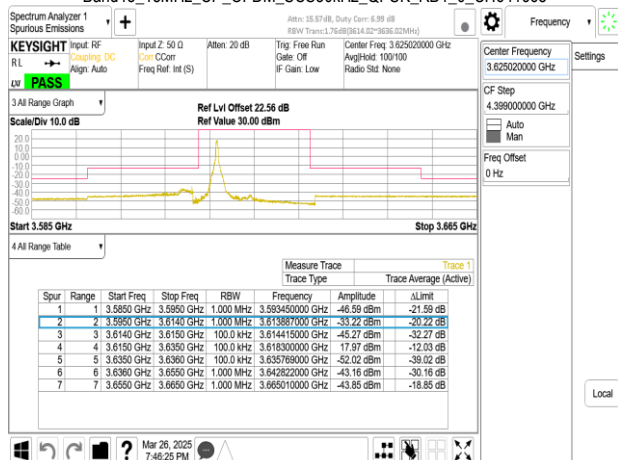
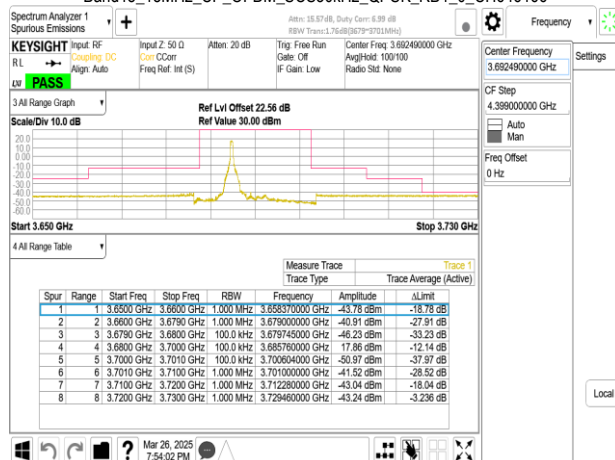


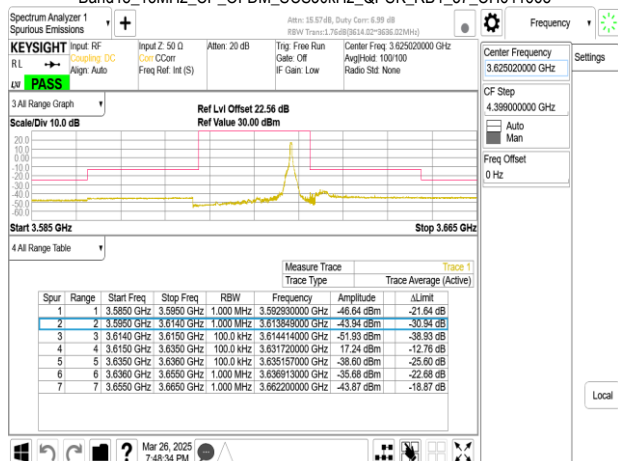
Band48_15MHz_CP_OFDM_SCS30kHz_QPSK_RB1_0_CH641668



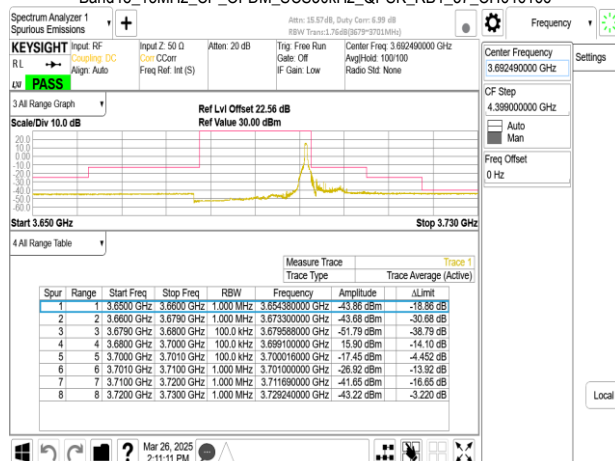
Band48_15MHz_CP_OFDM_SCS30kHz_QPSK_RB1_0_CH641666



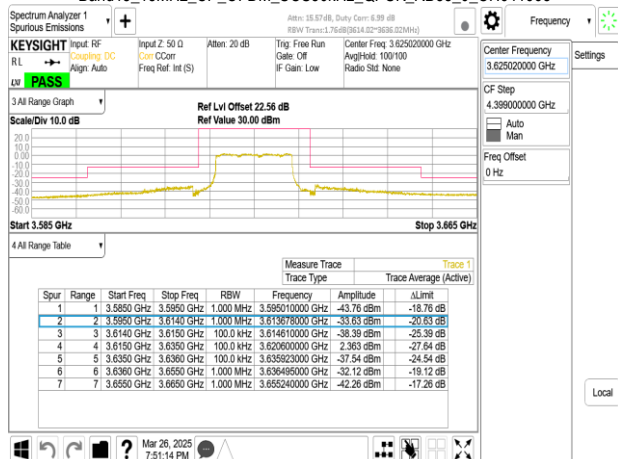
Band48_15MHz_CP_OFDM_SCS30kHz_QPSK_RB1_37_CH641668



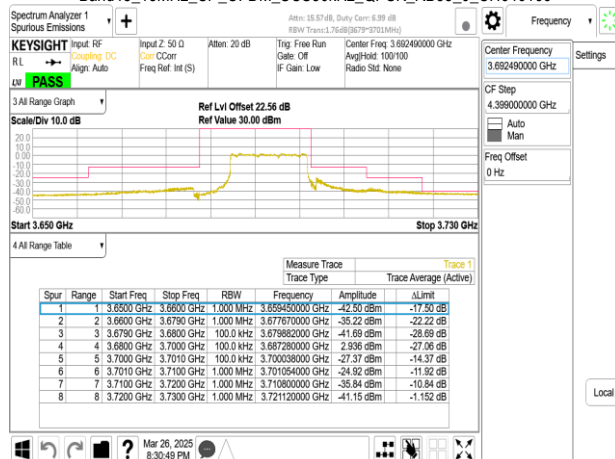
Band48_15MHz_CP_OFDM_SCS30kHz_QPSK_RB1_37_CH641666



Band48_15MHz_CP_OFDM_SCS30kHz_QPSK_RB38_0_CH641668



Band48_15MHz_CP_OFDM_SCS30kHz_QPSK_RB38_0_CH641666

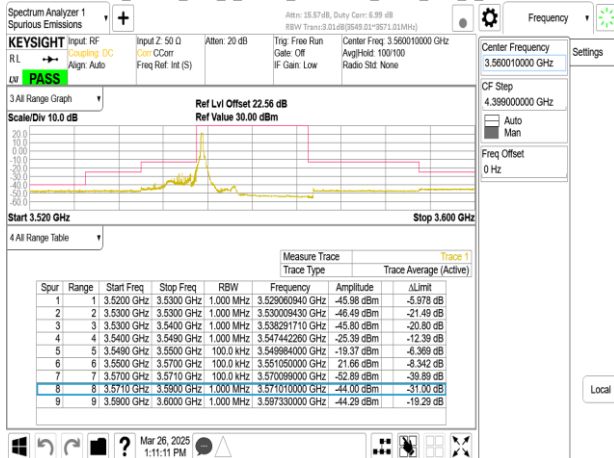


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

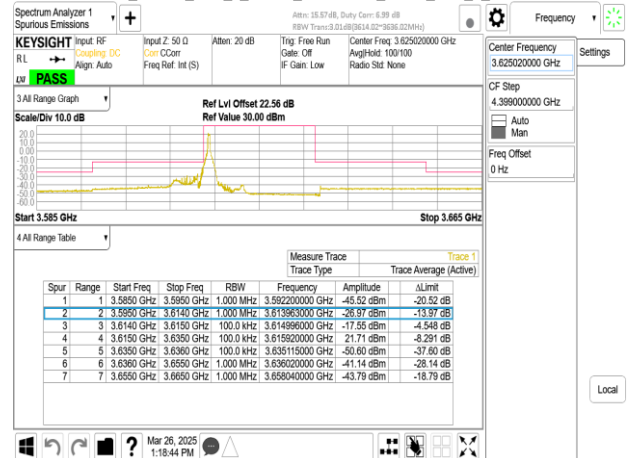
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

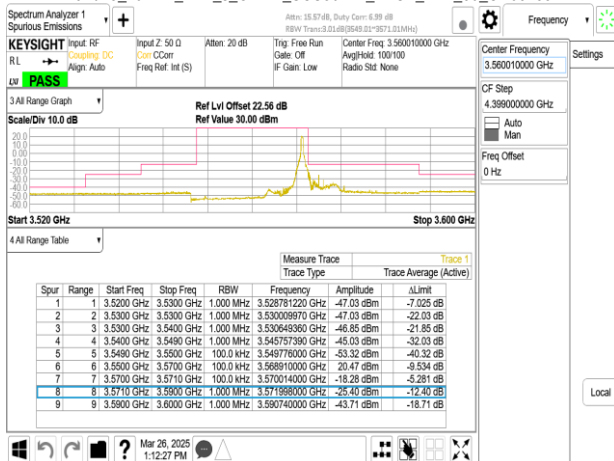
Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_0_CH637334



Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_0_CH641668



Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_50_CH637334



Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_50_CH641668



Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB50_0_CH637334



Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB50_0_CH641668

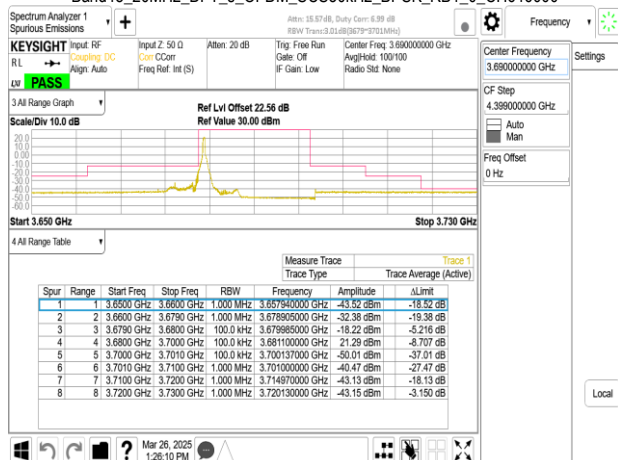


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

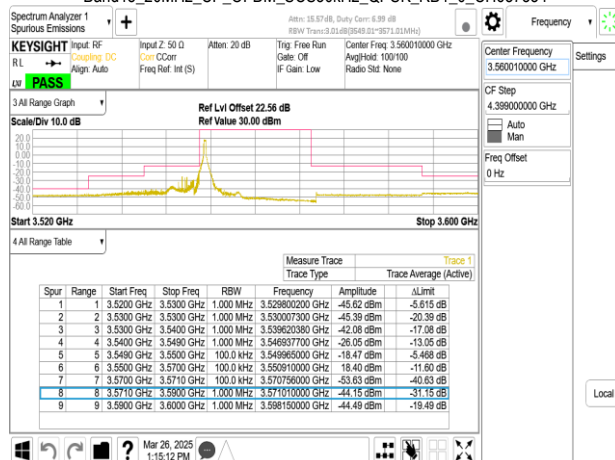
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

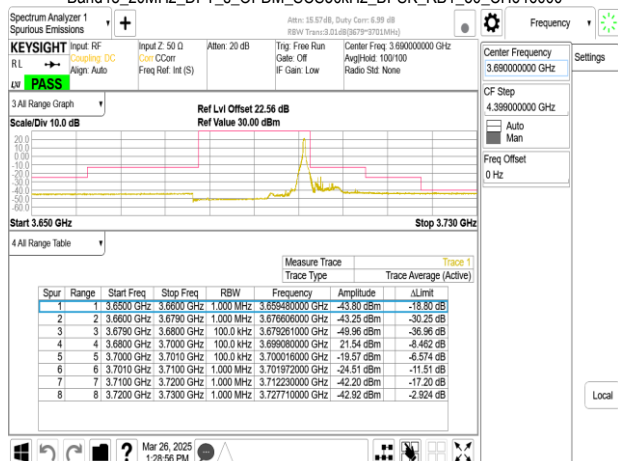
Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_0_CH646000



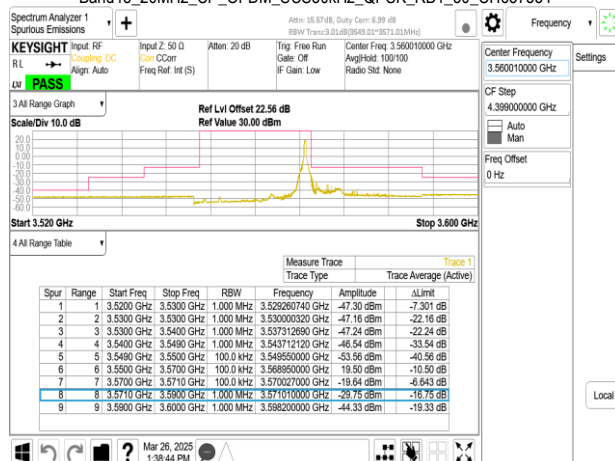
Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB1_0_CH637334



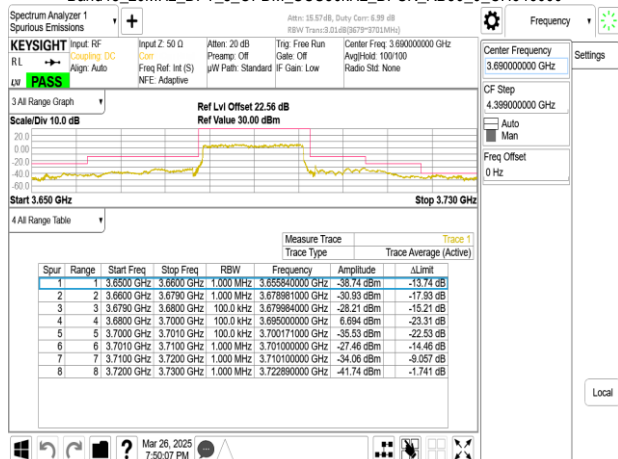
Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_50_CH646000



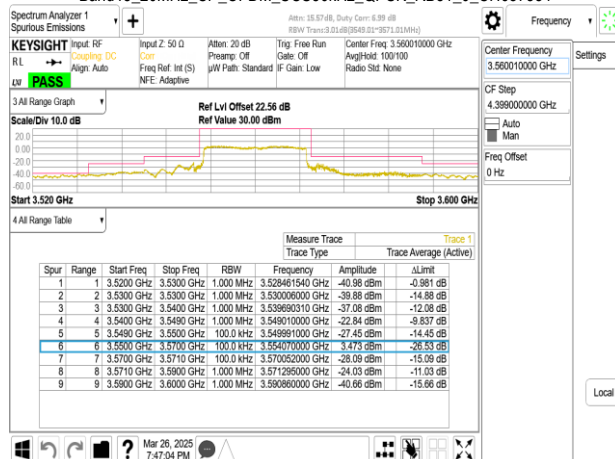
Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB1_50_CH637334



Band48_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB50_0_CH646000



Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB50_0_CH637334

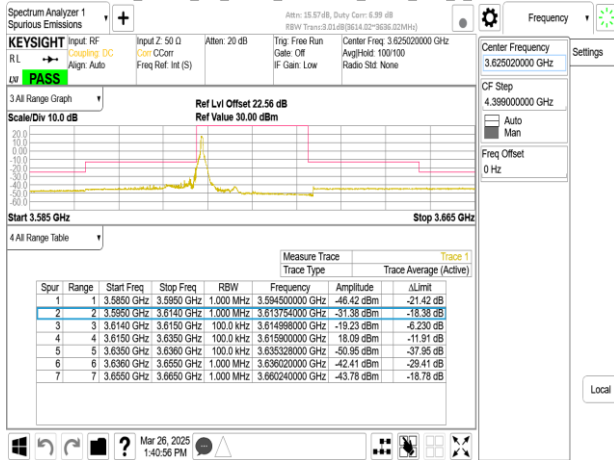


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

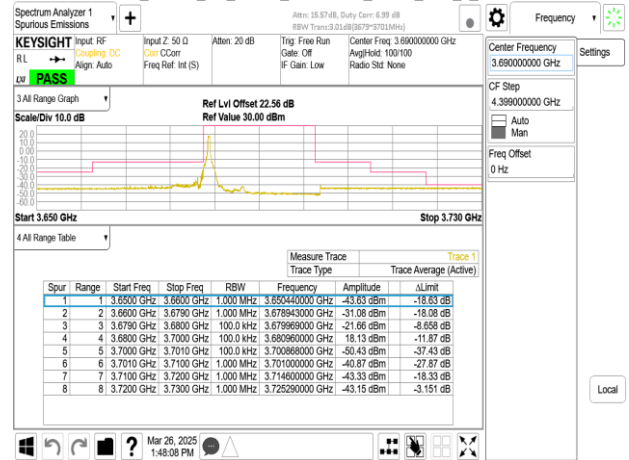
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB1_0_CH641668



Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB1_0_CH646000



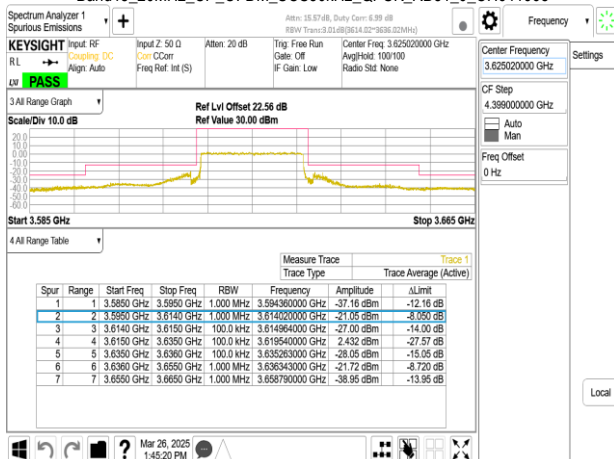
Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB1_50_CH641668



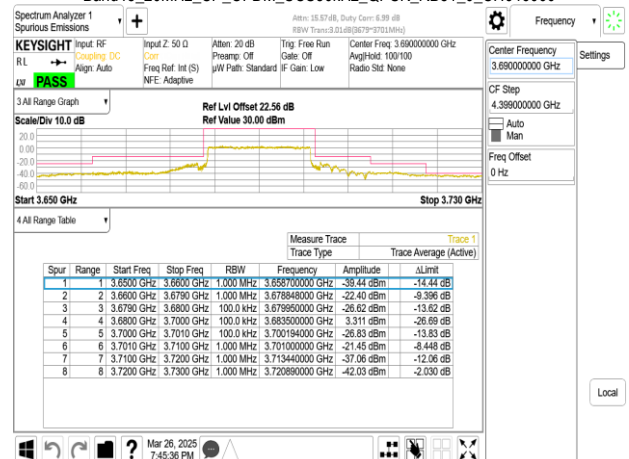
Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB1_50_CH646000



Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB51_0_CH641668



Band48_20MHz_CP_OFDM_SCS30kHz_QPSK_RB51_0_CH646000



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.

11 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

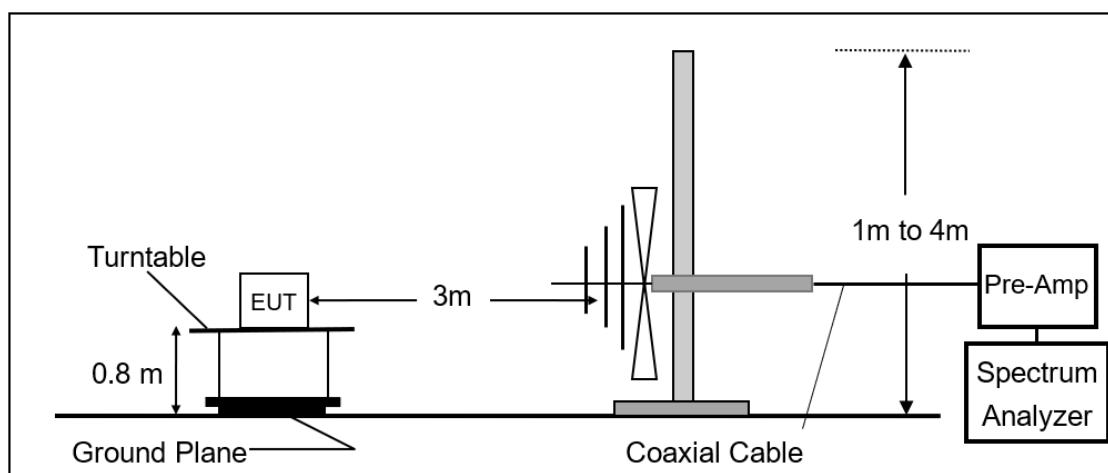
11.1 Standard Applicable

FCC Part 2.1053, Part 96.41, C63.26 Clause 5.7

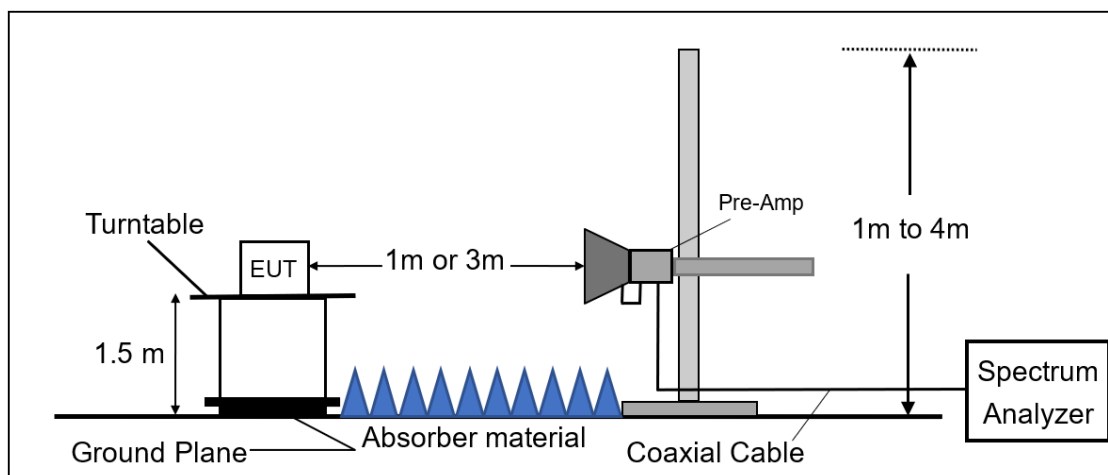
1. within 0 MHz to 10 MHz above and below the **assigned channel** ≤ -13 dBm/MHz
2. greater than 10 MHz above and below the **assigned channel** ≤ -25 dBm/MHz
3. any emission below 3530 MHz and above 3720 MHz ≤ -40 dBm/MHz

11.2 EUT Setup

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



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.

11.3 Measurement Procedure:

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

ERP (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB)

EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

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

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

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

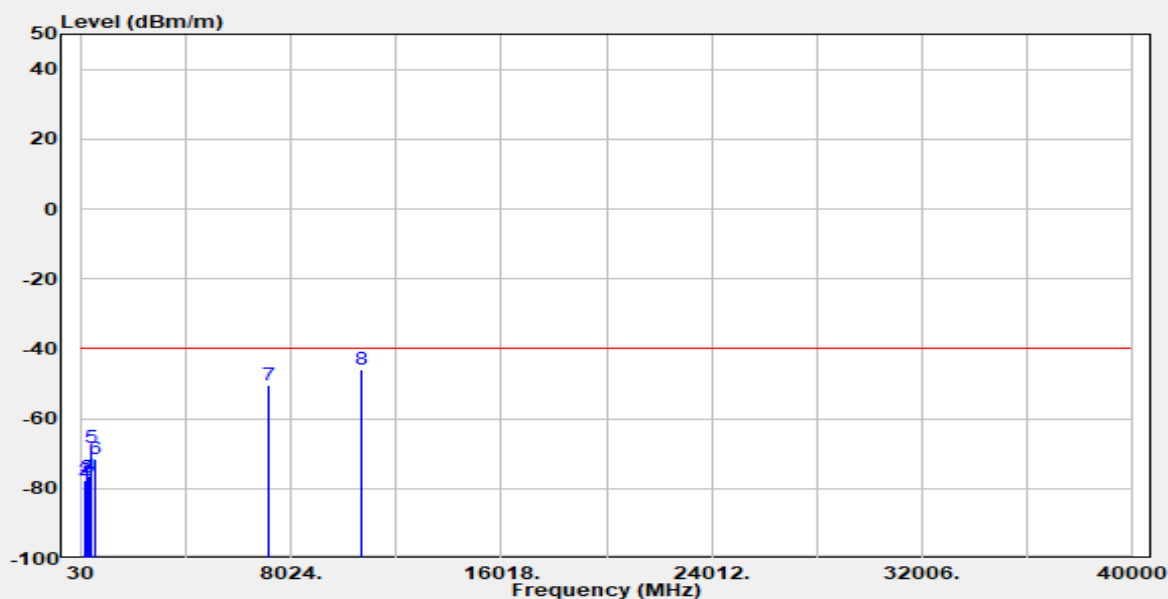
Member of SGS Group

11.4 Measurement Result:

Mode: LTE

Report Number :TERF2411003769ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3560 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Vertical
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
127.00	-78.67	-74.97	-1.64	-2.07	-40.00	-38.67
178.41	-77.68	-76.30	1.05	-2.44	-40.00	-37.68
229.82	-77.00	-78.95	4.72	-2.77	-40.00	-37.00
281.23	-76.36	-77.01	3.71	-3.07	-40.00	-36.36
415.09	-68.36	-68.78	4.14	-3.72	-40.00	-28.36
532.46	-71.52	-71.37	4.06	-4.21	-40.00	-31.52
7120.00	-50.22	-45.17	10.96	-16.01	-40.00	-10.22
10680.00	-46.07	-37.80	11.46	-19.72	-40.00	-6.07

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

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

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

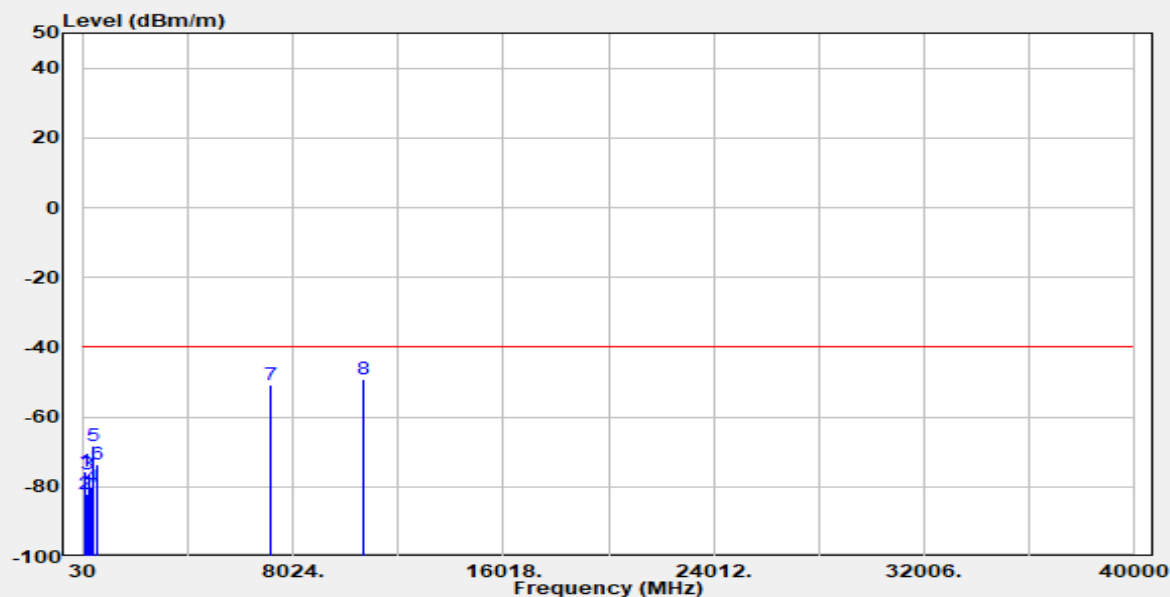
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2411003769ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3560 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



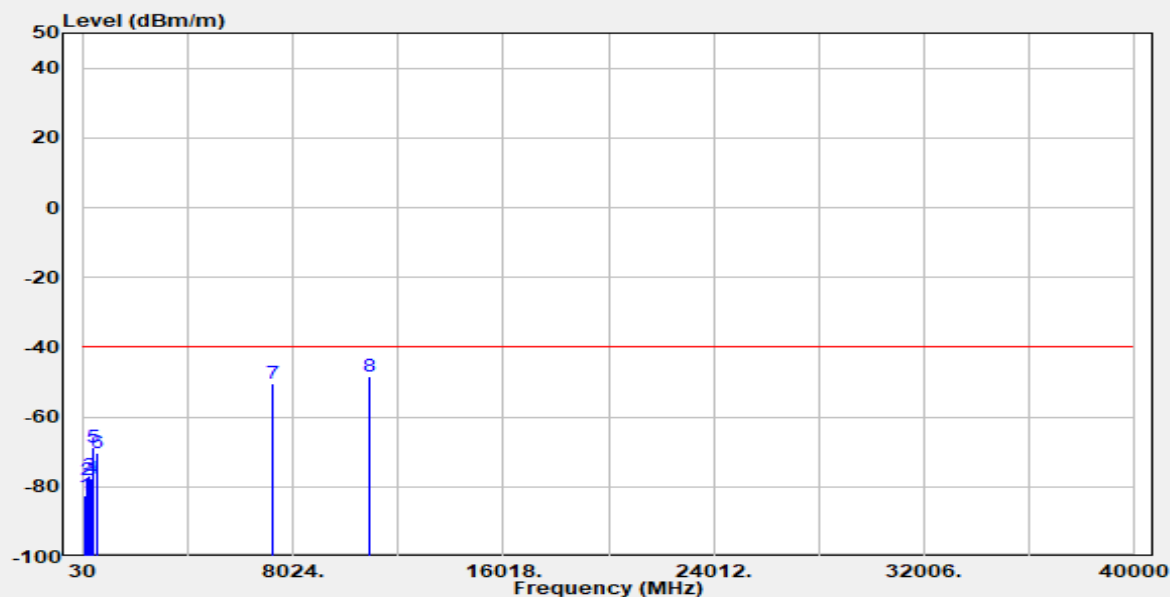
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
45.52	-75.80	-61.95	-12.61	-1.24	-40.00	-35.80
117.30	-82.26	-78.71	-1.57	-1.99	-40.00	-42.26
192.96	-76.61	-77.15	3.08	-2.54	-40.00	-36.61
284.14	-80.02	-80.63	3.69	-3.08	-40.00	-40.02
410.24	-68.24	-68.59	4.04	-3.69	-40.00	-28.24
533.43	-73.56	-73.44	4.09	-4.21	-40.00	-33.56
7120.00	-50.82	-45.77	10.96	-16.01	-40.00	-10.82
10680.00	-49.34	-41.08	11.46	-19.72	-40.00	-9.34

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.

Report Number :TERF2411003769ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3625 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Vertical
 Engineer :Nick Lin



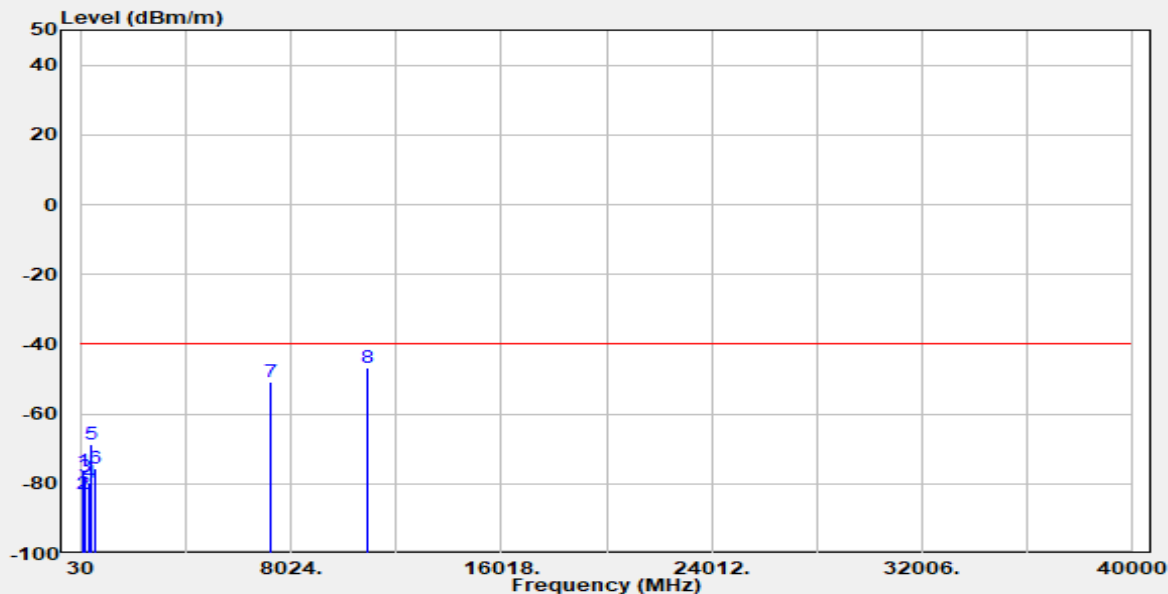
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
52.31	-82.49	-69.59	-11.58	-1.33	-40.00	-42.49
177.44	-78.14	-76.61	0.91	-2.43	-40.00	-38.14
231.76	-77.03	-78.71	4.46	-2.78	-40.00	-37.03
274.44	-77.60	-78.25	3.69	-3.03	-40.00	-37.60
415.09	-68.90	-69.32	4.14	-3.72	-40.00	-28.90
530.52	-70.28	-70.07	3.99	-4.20	-40.00	-30.28
7250.00	-50.22	-44.87	10.80	-16.15	-40.00	-10.22
10875.00	-48.22	-39.43	11.15	-19.94	-40.00	-8.22

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.

Report Number :TERF2411003769ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3625 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
44.55	-76.24	-62.46	-12.56	-1.22	-40.00	-36.24
99.84	-82.92	-80.07	-1.02	-1.83	-40.00	-42.92
191.02	-78.04	-78.42	2.90	-2.53	-40.00	-38.04
286.08	-79.62	-80.22	3.69	-3.09	-40.00	-39.62
412.18	-68.84	-69.22	4.08	-3.70	-40.00	-28.84
536.34	-75.53	-75.50	4.20	-4.23	-40.00	-35.53
7250.00	-51.01	-45.66	10.80	-16.15	-40.00	-11.01
10875.00	-46.71	-37.93	11.15	-19.94	-40.00	-6.71

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

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

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

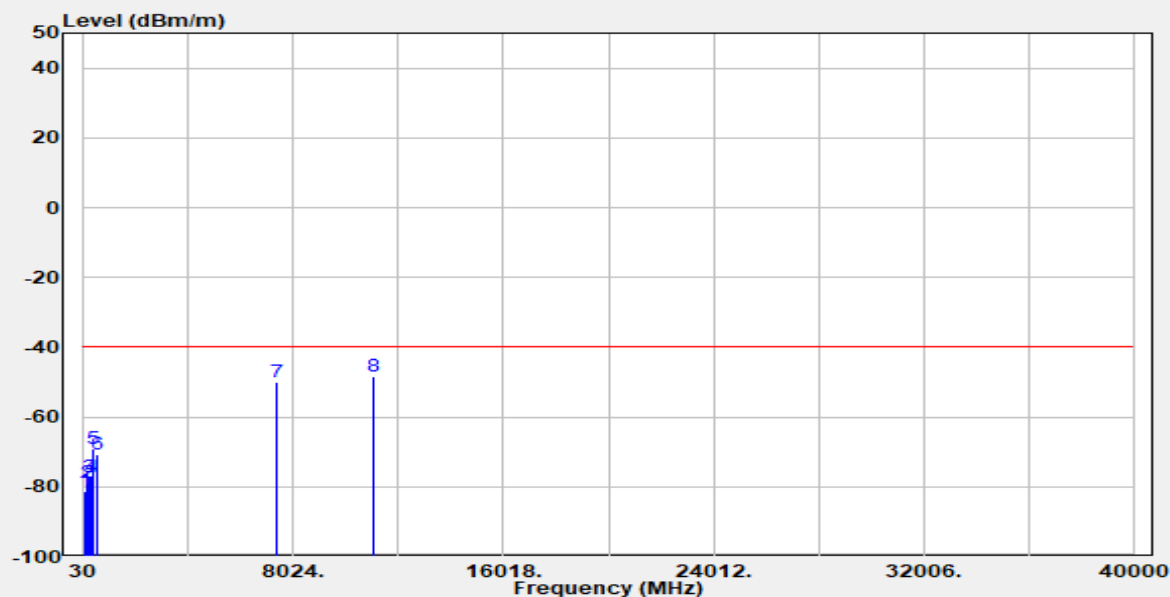
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2411003769ER
Operation Mode :LTE B48
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3690 MHz

Test Site :SAC 3
Test Date :2025-01-23
Temp./Humi. :21.2°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



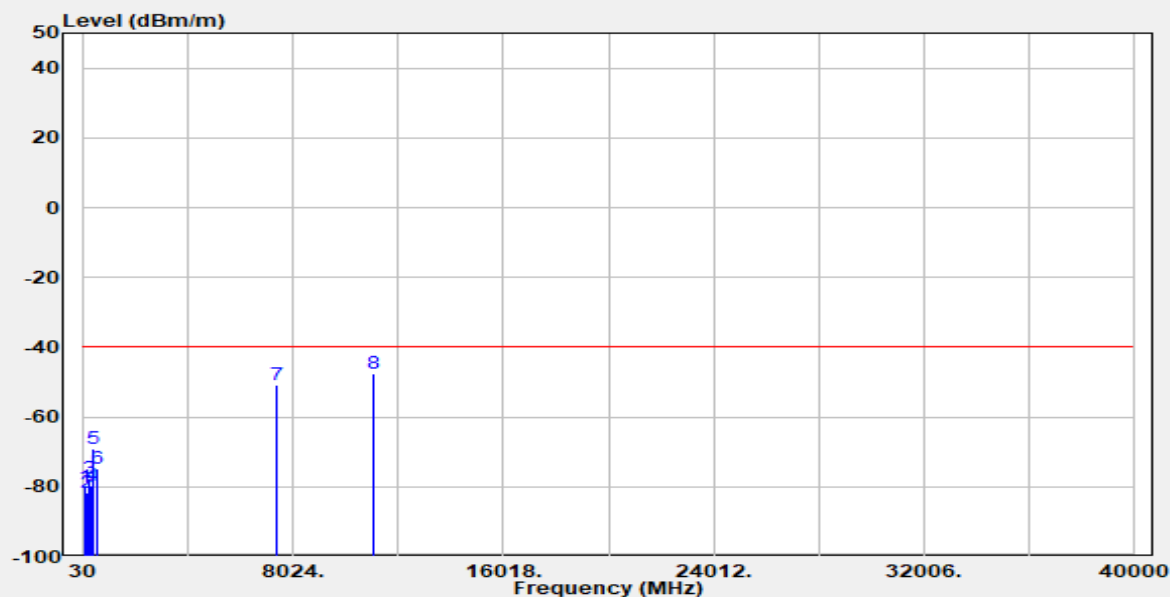
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
49.40	-81.39	-67.99	-12.11	-1.29	-40.00	-41.39
178.41	-78.77	-77.39	1.05	-2.44	-40.00	-38.77
230.79	-77.13	-78.95	4.60	-2.77	-40.00	-37.13
277.35	-77.43	-78.08	3.69	-3.05	-40.00	-37.43
420.91	-69.08	-69.46	4.12	-3.74	-40.00	-29.08
536.34	-70.65	-70.63	4.20	-4.23	-40.00	-30.65
7380.00	-50.04	-44.62	10.90	-16.32	-40.00	-10.04
11070.00	-48.30	-39.47	11.28	-20.11	-40.00	-8.30

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.

Report Number :TERF2411003769ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3690 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
73.65	-80.27	-73.38	-5.32	-1.57	-40.00	-40.27
136.70	-81.89	-78.04	-1.71	-2.14	-40.00	-41.89
194.90	-77.51	-78.24	3.28	-2.55	-40.00	-37.51
288.02	-79.82	-80.43	3.71	-3.10	-40.00	-39.82
415.09	-69.00	-69.42	4.14	-3.72	-40.00	-29.00
539.25	-74.75	-74.82	4.30	-4.24	-40.00	-34.75
7380.00	-50.72	-45.30	10.90	-16.32	-40.00	-10.72
11070.00	-47.56	-38.73	11.28	-20.11	-40.00	-7.56

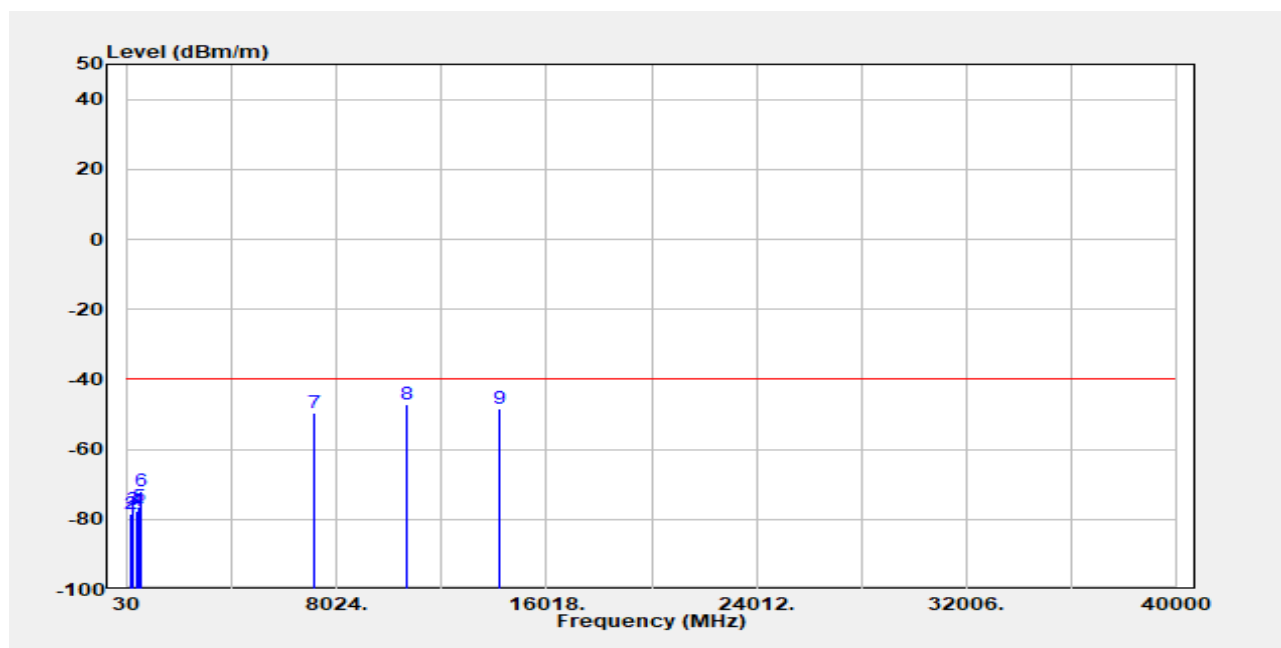
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

Mode: 5G NR

Report Number :TERF2411003769ER
 Operation Mode :RedCap_n48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3560.01 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Vertical
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
124.090	-79.35	-75.75	-1.55	-2.04	-40.00	-39.35
182.290	-78.36	-77.52	1.62	-2.47	-40.00	-38.36
229.820	-77.10	-79.06	4.72	-2.77	-40.00	-37.10
352.040	-77.62	-78.41	4.21	-3.42	-40.00	-37.62
466.500	-76.44	-76.36	3.86	-3.94	-40.00	-36.44
536.340	-72.05	-72.03	4.20	-4.23	-40.00	-32.05
7120.020	-49.45	-44.40	10.96	-16.01	-40.00	-9.45
10680.030	-47.01	-38.75	11.46	-19.72	-40.00	-7.01
14240.040	-48.18	-36.48	11.30	-23.00	-40.00	-8.18

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

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

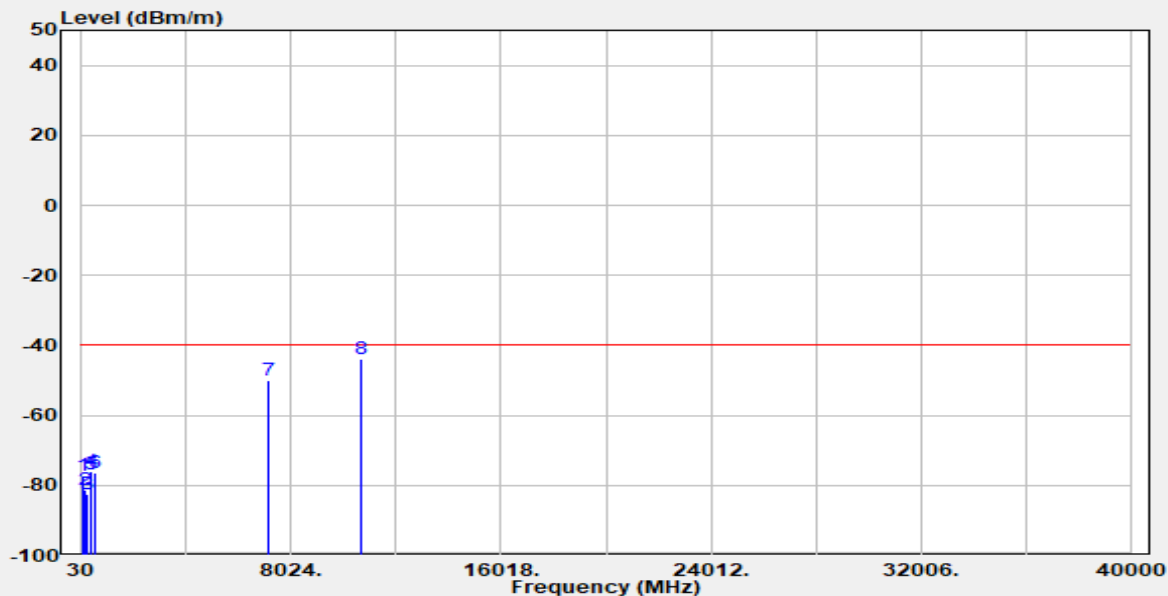
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2411003769ER
 Operation Mode :RedCap_n48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3560.01 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



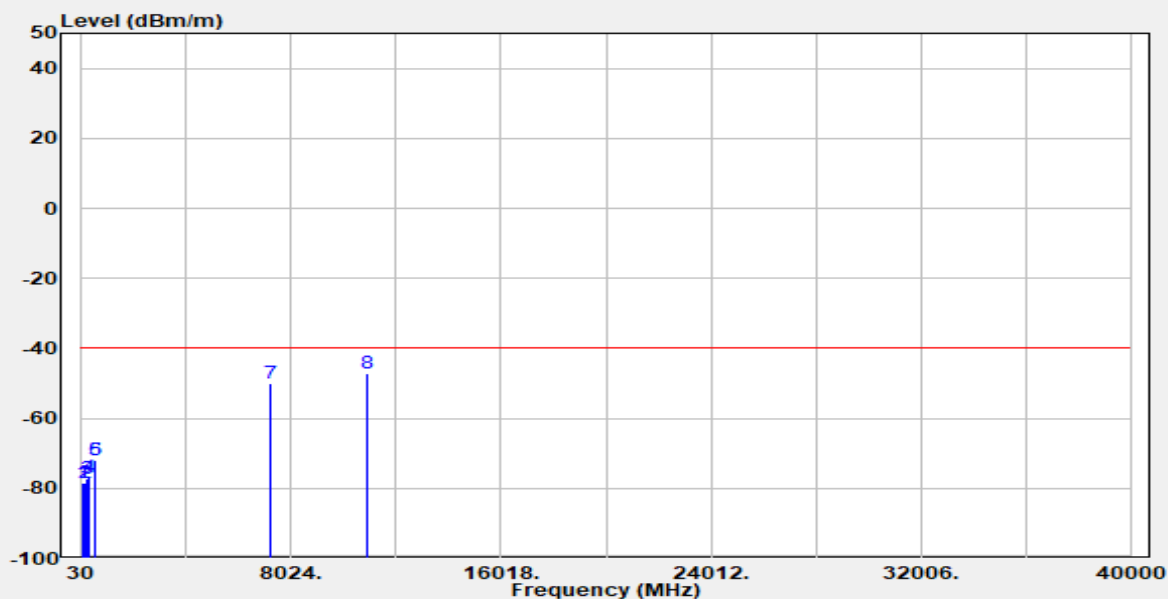
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
49.400	-77.13	-63.73	-12.11	-1.29	-40.00	-37.13
164.830	-81.21	-78.35	-0.51	-2.35	-40.00	-41.21
207.510	-82.40	-83.94	4.17	-2.64	-40.00	-42.40
372.410	-76.21	-76.79	4.10	-3.52	-40.00	-36.21
411.210	-76.84	-77.21	4.06	-3.70	-40.00	-36.84
541.190	-76.24	-76.37	4.37	-4.24	-40.00	-36.24
7120.020	-50.01	-44.96	10.96	-16.01	-40.00	-10.01
10680.030	-44.05	-35.79	11.46	-19.72	-40.00	-4.05

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.

Report Number :TERF2411003769ER
 Operation Mode :RedCap_n48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3625.02 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Vertical
 Engineer :Nick Lin



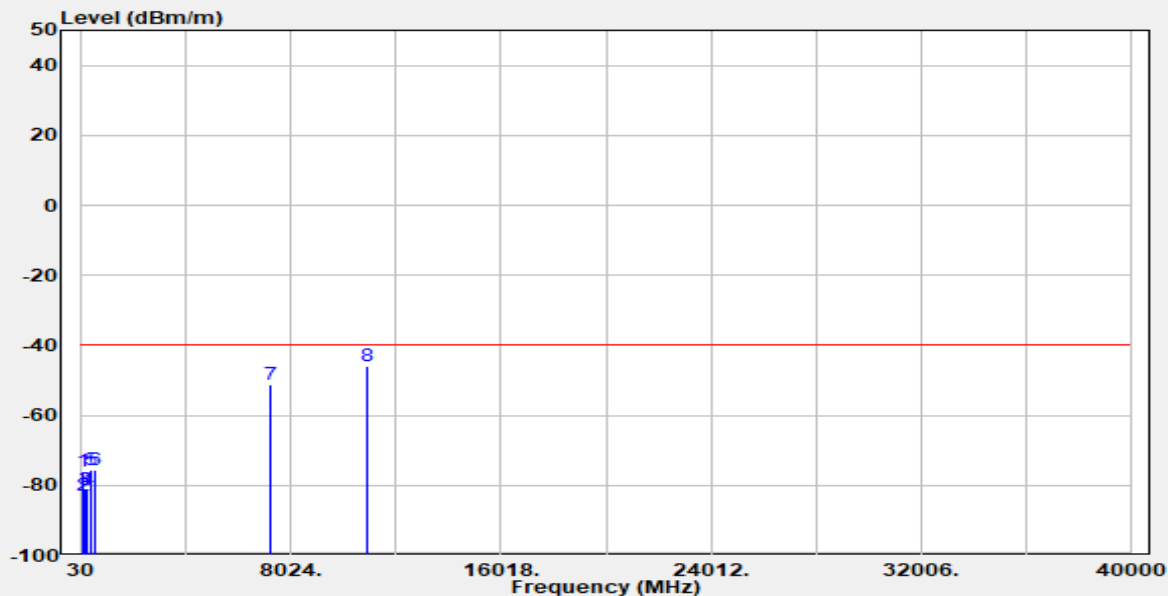
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
46.490	-78.54	-64.82	-12.47	-1.25	-40.00	-38.54
183.260	-78.47	-77.77	1.77	-2.47	-40.00	-38.47
226.910	-77.16	-79.31	4.90	-2.75	-40.00	-37.16
280.260	-77.01	-77.67	3.72	-3.06	-40.00	-37.01
535.370	-72.02	-71.96	4.16	-4.22	-40.00	-32.02
560.590	-71.80	-71.90	4.43	-4.32	-40.00	-31.80
7250.040	-50.14	-44.79	10.80	-16.15	-40.00	-10.14
10875.060	-47.32	-38.54	11.15	-19.94	-40.00	-7.32

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.

Report Number :TERF2411003769ER
 Operation Mode :RedCap_n48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3625.02 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
45.520	-75.90	-62.05	-12.61	-1.24	-40.00	-35.90
92.080	-82.84	-80.23	-0.85	-1.76	-40.00	-42.84
172.590	-81.25	-79.02	0.18	-2.41	-40.00	-41.25
255.040	-81.48	-82.27	3.71	-2.93	-40.00	-41.48
377.260	-75.43	-75.91	4.02	-3.55	-40.00	-35.43
573.200	-75.68	-75.40	4.08	-4.37	-40.00	-35.68
7250.040	-51.19	-45.84	10.80	-16.15	-40.00	-11.19
10875.060	-46.03	-37.24	11.15	-19.94	-40.00	-6.03

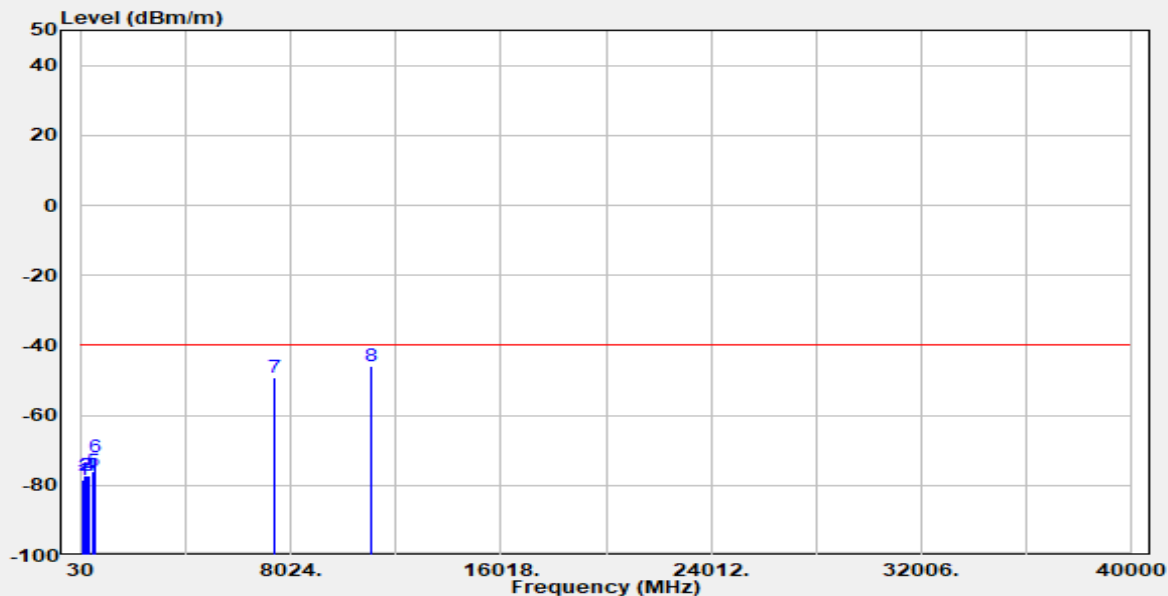
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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

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

Report Number :TERF2411003769ER
 Operation Mode :RedCap_n48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3690 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Vertical
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
83.350	-78.37	-74.66	-2.03	-1.67	-40.00	-38.37
179.380	-77.42	-76.13	1.16	-2.45	-40.00	-37.42
232.730	-77.16	-78.70	4.32	-2.79	-40.00	-37.16
278.320	-77.07	-77.72	3.70	-3.05	-40.00	-37.07
471.350	-76.08	-76.06	3.94	-3.97	-40.00	-36.08
540.220	-71.92	-72.02	4.34	-4.24	-40.00	-31.92
7380.000	-49.37	-43.96	10.90	-16.32	-40.00	-9.37
11070.000	-45.76	-36.93	11.28	-20.11	-40.00	-5.76

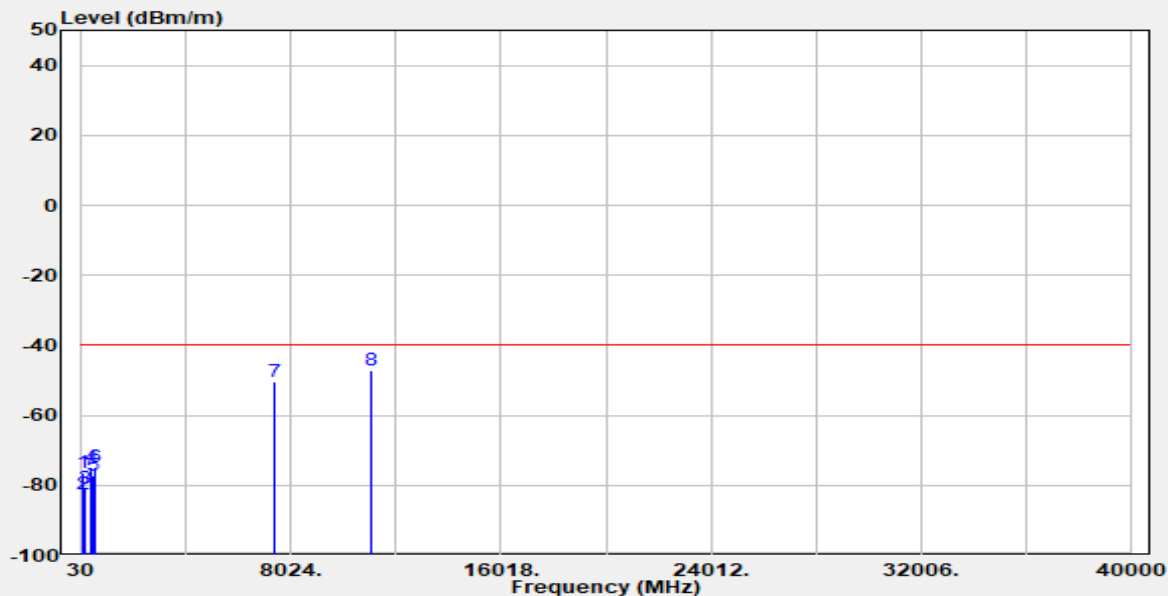
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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.

Report Number :TERF2411003769ER
 Operation Mode :RedCap_n48
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3690 MHz

Test Site :SAC 3
 Test Date :2025-01-23
 Temp./Humi. :21.2°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
46.490	-76.59	-62.87	-12.47	-1.25	-40.00	-36.59
102.750	-82.54	-79.50	-1.18	-1.85	-40.00	-42.54
160.950	-80.87	-77.57	-0.98	-2.32	-40.00	-40.87
383.080	-74.75	-75.10	3.92	-3.57	-40.00	-34.75
455.830	-77.41	-77.36	3.84	-3.89	-40.00	-37.41
534.400	-74.76	-74.67	4.13	-4.22	-40.00	-34.76
7380.000	-50.35	-44.93	10.90	-16.32	-40.00	-10.35
11070.000	-47.15	-38.32	11.28	-20.11	-40.00	-7.15

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.

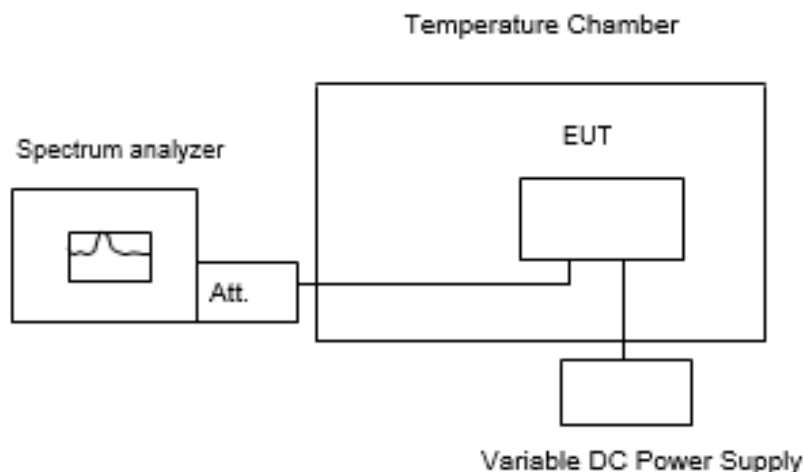
12 FREQUENCY STABILITY MEASUREMENT

12.1 Standard Applicabl

FCC §2.1055(a)

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency band. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency.

12.2 Test Set-up



Note: Measurement setup for testing on Antenna connector

12.3 Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25°C . Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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.

12.4 Measurement Result

Mode: LTE

Reference Freq.:		LTE B48 Mid Channel		3625.0000	MHz 10M QPSK CH 55990
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.37	20	3624.999996	-0.0011	+/- 2.5 ppm	
3.8	20	3624.999993	-0.0018		
3.23	20	3624.999996	-0.0012		
2.3 (End Point)	20	3625.000006	0.0016		
Freq. ERROR vs. Temp.					
3.8	-30	3624.999999	-0.0003	+/- 2.5 ppm	
3.8	-20	3625.000002	0.0006		
3.8	-10	3624.999994	-0.0017		
3.8	0	3624.999993	-0.0019		
3.8	10	3625.000009	0.0026		
3.8	20	3625.000003	0.0007		
3.8	30	3624.999999	-0.0003		
3.8	40	3625.000006	0.0016		
3.8	50	3624.999996	-0.0011		

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

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

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Mode: 5G NR

5G NR BAND n48 Part96				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	20MHz
CH	641668		Frequency(MHz):	3625.02
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)
4.37	20	3625.020010	0.0026	+/- 2.5 ppm
3.8	20	3625.020008	0.0021	
3.23	20	3625.019992	-0.0023	
2.3 (End Point)	20	3625.020006	0.0017	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)
3.8	-30	3625.019994	-0.0017	+/- 2.5 ppm
3.8	-20	3625.020012	0.0034	
3.8	-10	3625.020013	0.0035	
3.8	0	3625.019993	-0.0018	
3.8	10	3625.020015	0.0040	
3.8	20	3625.020012	0.0034	
3.8	30	3625.019999	-0.0004	
3.8	40	3625.019990	-0.0028	
3.8	50	3625.019997	-0.0009	

Note: The module's normal voltage is 3.8Vdc

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

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

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

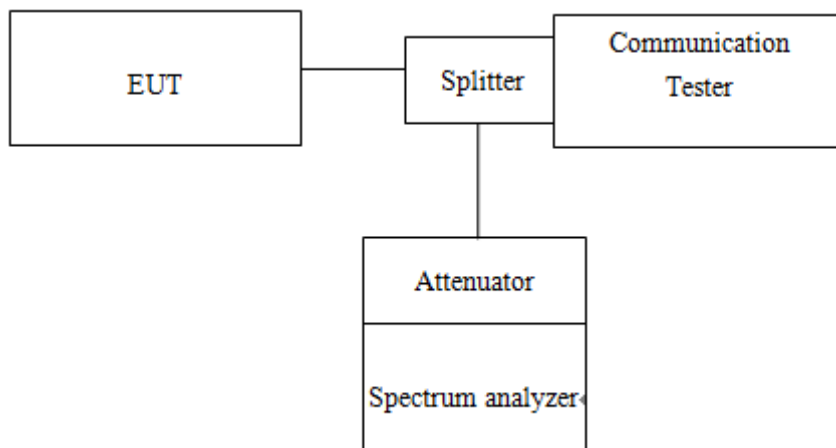
Member of SGS Group

13 PEAK TO AVERAGE RATIO

13.1 Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

13.2 Test SET-UP



13.3 Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth \geq signal's occupied bandwidth; & internal = 1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

13.4 Measurement Result

Mode: LTE

LTE BAND 48							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3552.5	55265	8.49	13	3555.0	55290	6.39	13
3625.0	55990	8.26	13	3625.0	55990	6.63	13
3697.5	56715	6.98	13	3695.0	56690	7.53	13

LTE BAND 48							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3557.5	55315	6.21	13	3650.0	55340	6.51	13
3625.0	55990	6.21	13	3625.0	55990	6.60	13
3692.5	56665	6.84	13	3690.0	56640	6.69	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.

5G NR BAND n48 Part96(3550 to 3700 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 10MHz				Channel bandwidth: 15MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3555.00	637000	6.60	13	3557.52	637168	6.79	13
3625.02	641668	6.66	13	3625.02	641668	6.71	13
3694.98	646332	6.50	13	3692.49	646166	6.96	13
5G NR BAND n48 Part96(3550 to 3700 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)					
		256QAM	Limit				
3560.01	637334	6.36	13				
3625.02	641668	6.64	13				
3690.00	646000	6.70	13				

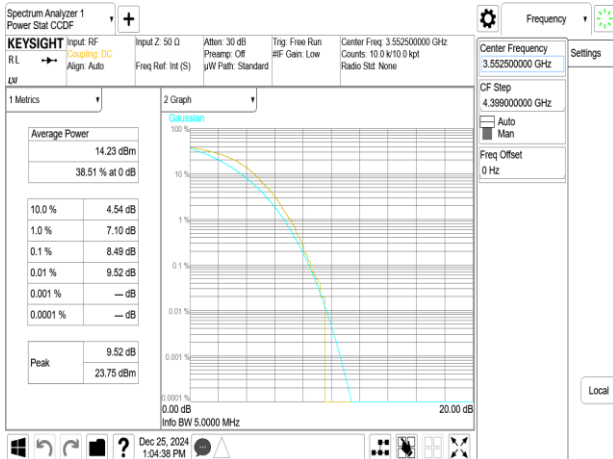
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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。

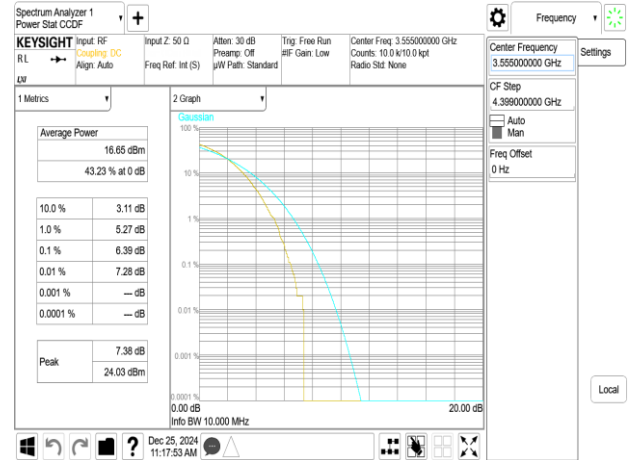
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Mode: LTE

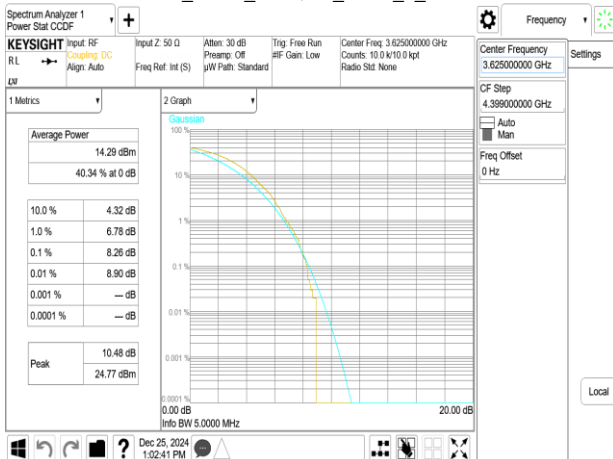
Band48_5MHz_256QAM_RB25_0_CH55265



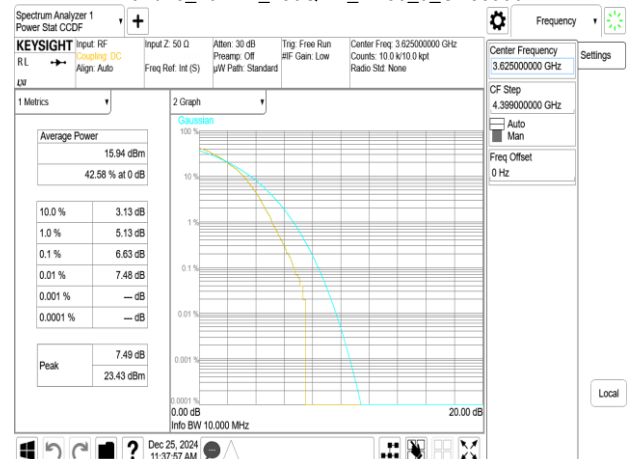
Band48_10MHz_256QAM_RB50_0_CH55290



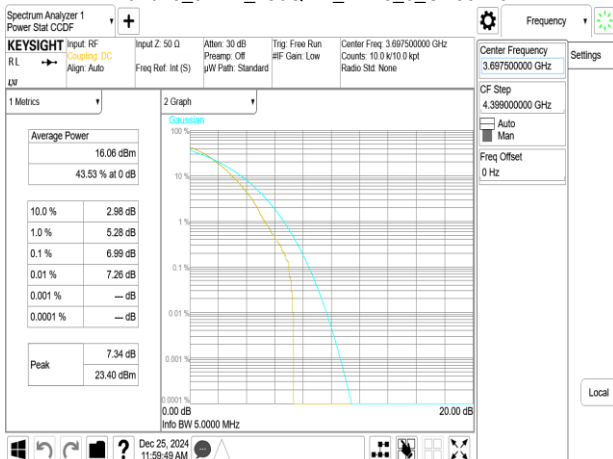
Band48_5MHz_256QAM_RB25_0_CH55990



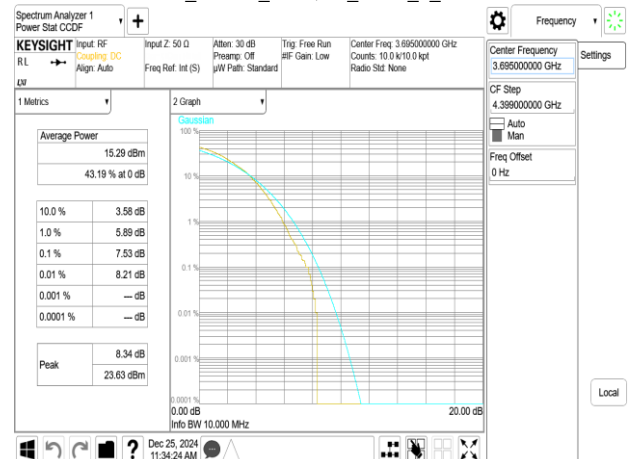
Band48_10MHz_256QAM_RB50_0_CH55990



Band48_5MHz_256QAM_RB25_0_CH56715



Band48_10MHz_256QAM_RB50_0_CH56690

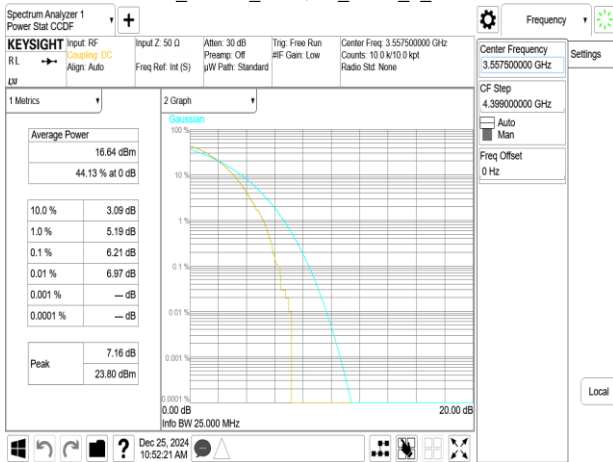


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

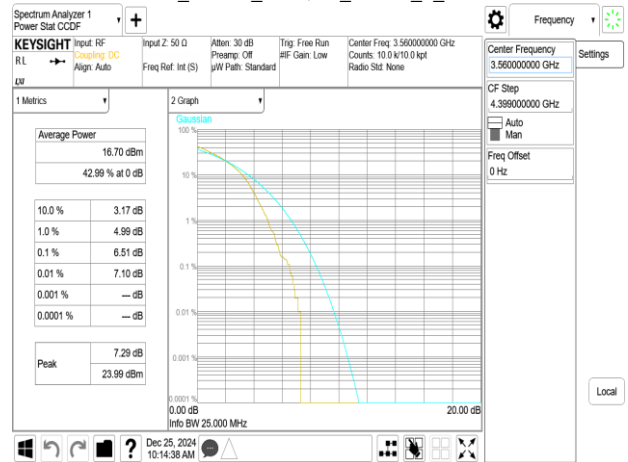
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

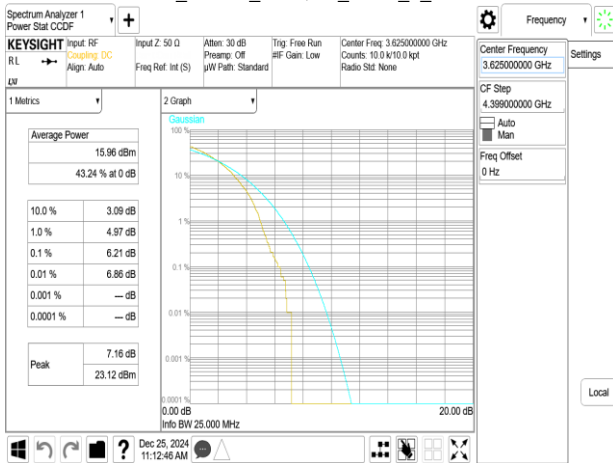
Band48_15MHz_256QAM_RB75_0_CH55315



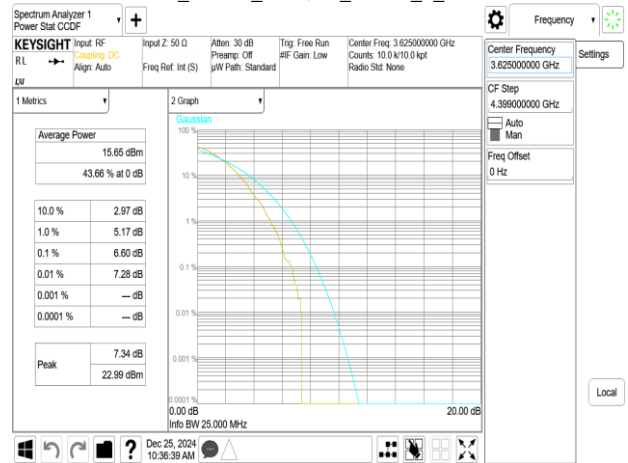
Band48_20MHz_256QAM_RB100_0_CH55340



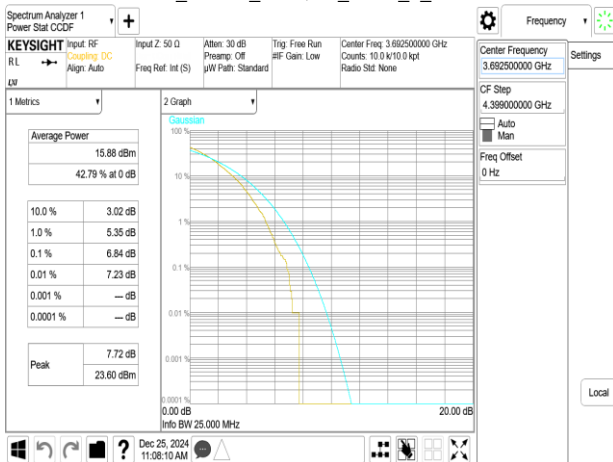
Band48_15MHz_256QAM_RB75_0_CH55990



Band48_20MHz_256QAM_RB100_0_CH55990



Band48_15MHz_256QAM_RB75_0_CH56665



Band48_20MHz_256QAM_RB100_0_CH56640

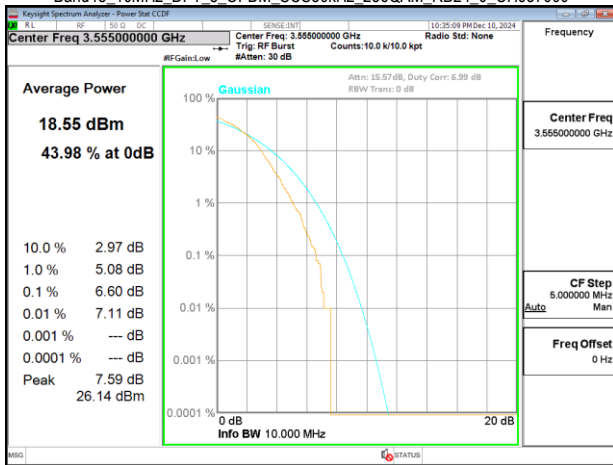


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

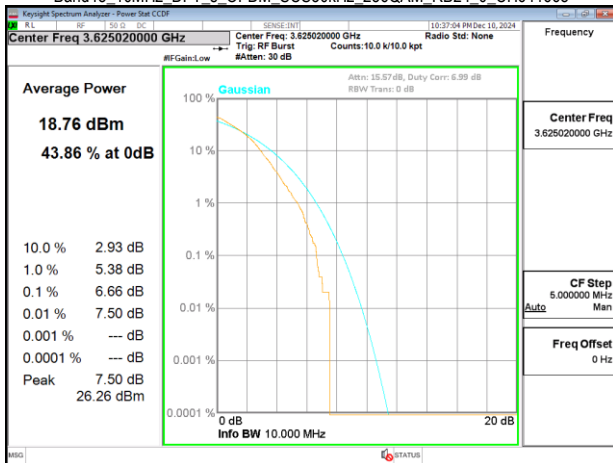
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

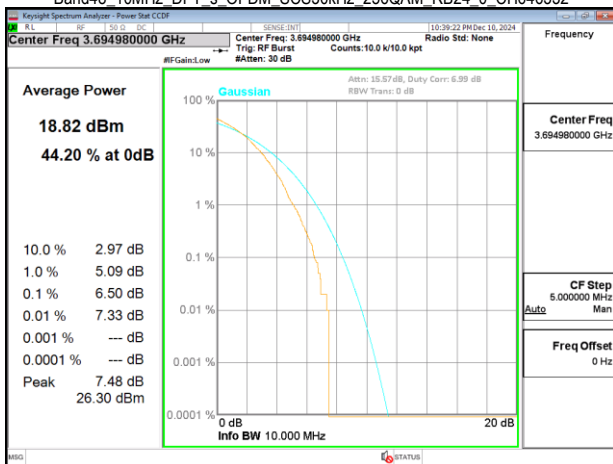
Band48 10MHz_DFT_s_OFDM_SCS30kHz_256QAM_RB24_0_CH637000



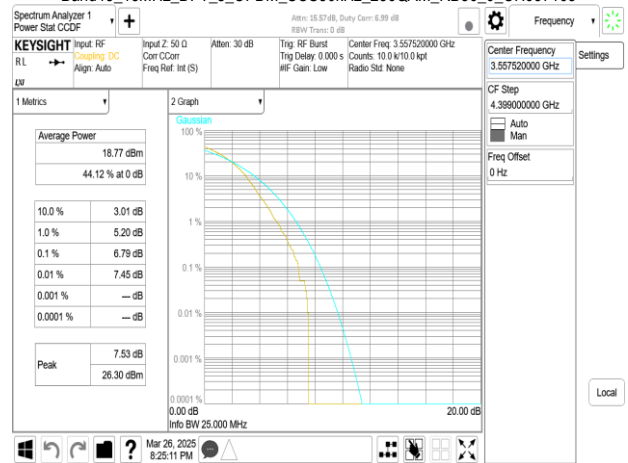
Band48 10MHz_DFT_s_OFDM_SCS30kHz_256QAM_RB24_0_CH641668



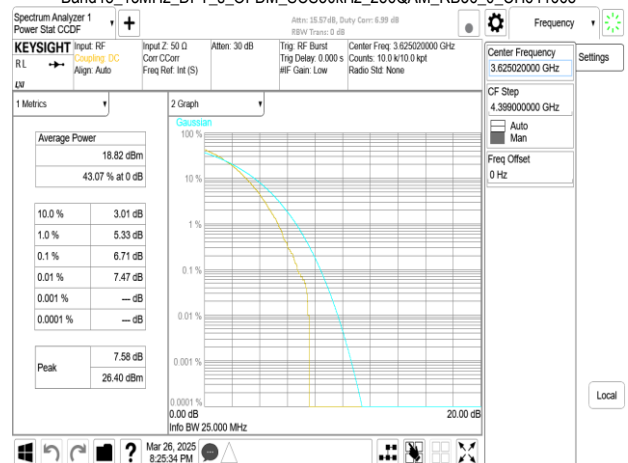
Band48 10MHz_DFT_s_OFDM_SCS30kHz_256QAM_RB24_0_CH646332



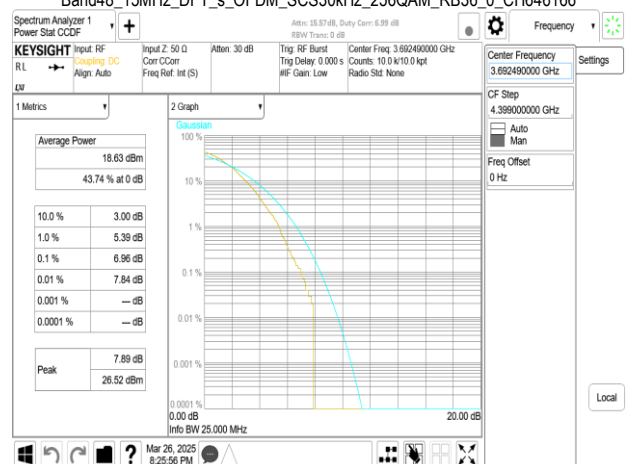
Band48 15MHz_DFT_s_OFDM_SCS30kHz_256QAM_RB36_0_CH637168



Band48 15MHz_DFT_s_OFDM_SCS30kHz_256QAM_RB36_0_CH641668



Band48 15MHz_DFT_s_OFDM_SCS30kHz_256QAM_RB36_0_CH646166

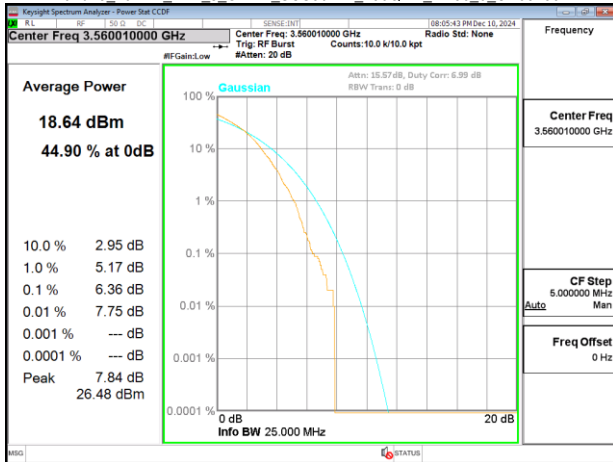


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

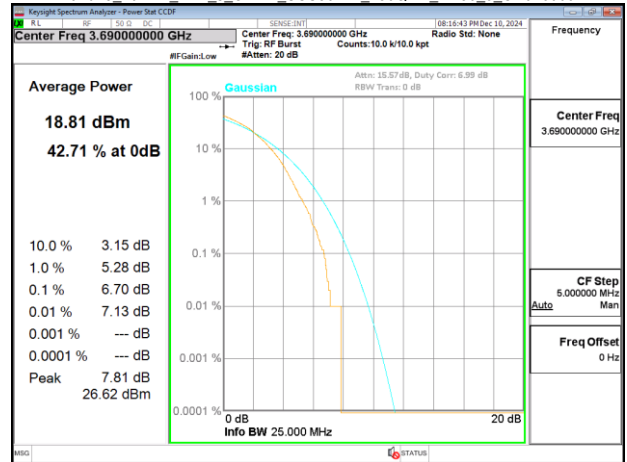
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

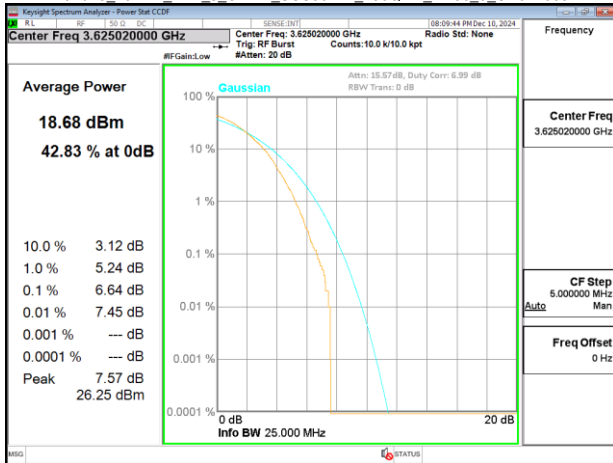
Band48 20MHz DFT s OFDM SCS30kHz 256QAM RB50_0 CH637334



Band48 20MHz DFT s OFDM SCS30kHz 256QAM RB50_0 CH646000



Band48 20MHz DFT s OFDM SCS30kHz 256QAM RB50_0 CH641668



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.

14 PHOTOGRAPHS OF SET UP

Please refer to the attached file (Setup Photo)

15 PHOTOGRAPHS OF EUT

Please refer to the attached file(EUT Photo)

~ End of Report ~

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

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

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

SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group