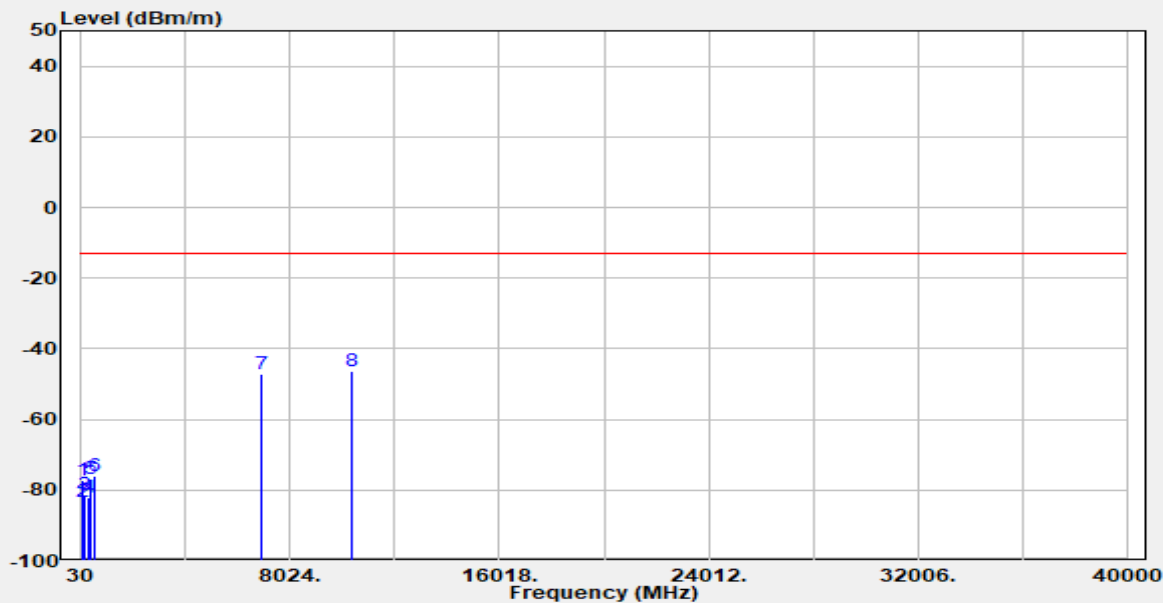


Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3460.02 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°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	@3m dBm	dB
50.370	-77.09	-63.84	-11.95	-1.30	-13.00	-64.09
104.690	-83.25	-79.81	-1.56	-1.87	-13.00	-70.25
174.530	-81.27	-79.31	0.46	-2.42	-13.00	-68.27
287.050	-82.06	-82.67	3.70	-3.10	-13.00	-69.06
392.780	-76.75	-77.04	3.91	-3.61	-13.00	-63.75
562.530	-75.89	-75.94	4.38	-4.33	-13.00	-62.89
6920.040	-47.17	-43.22	11.82	-15.77	-13.00	-34.17
10380.060	-46.45	-38.40	11.40	-19.45	-13.00	-33.45

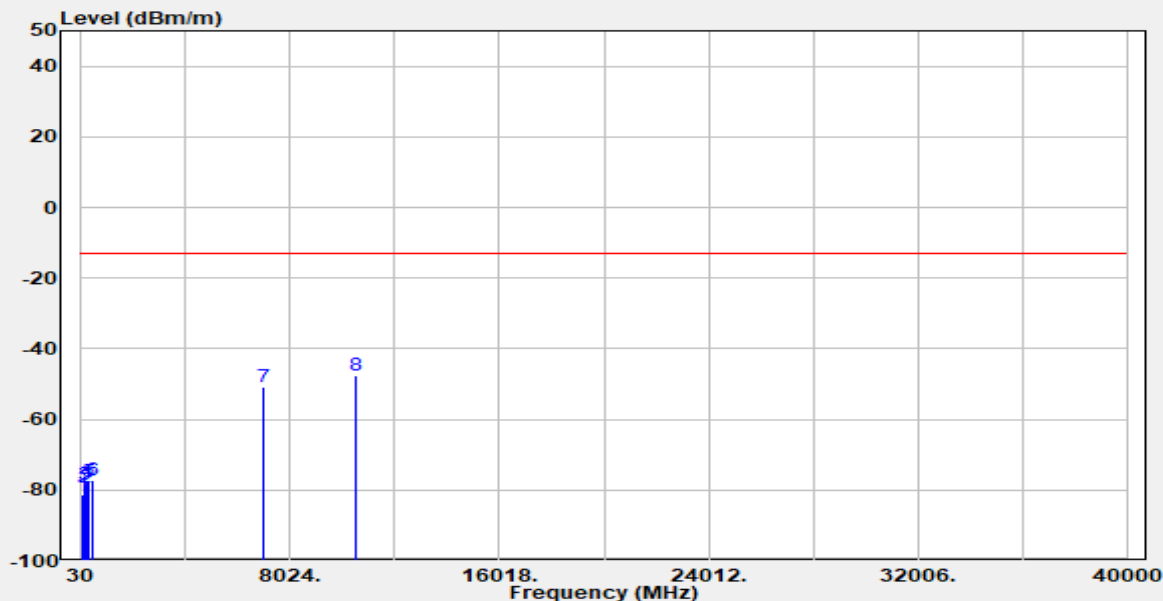
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3500.01 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



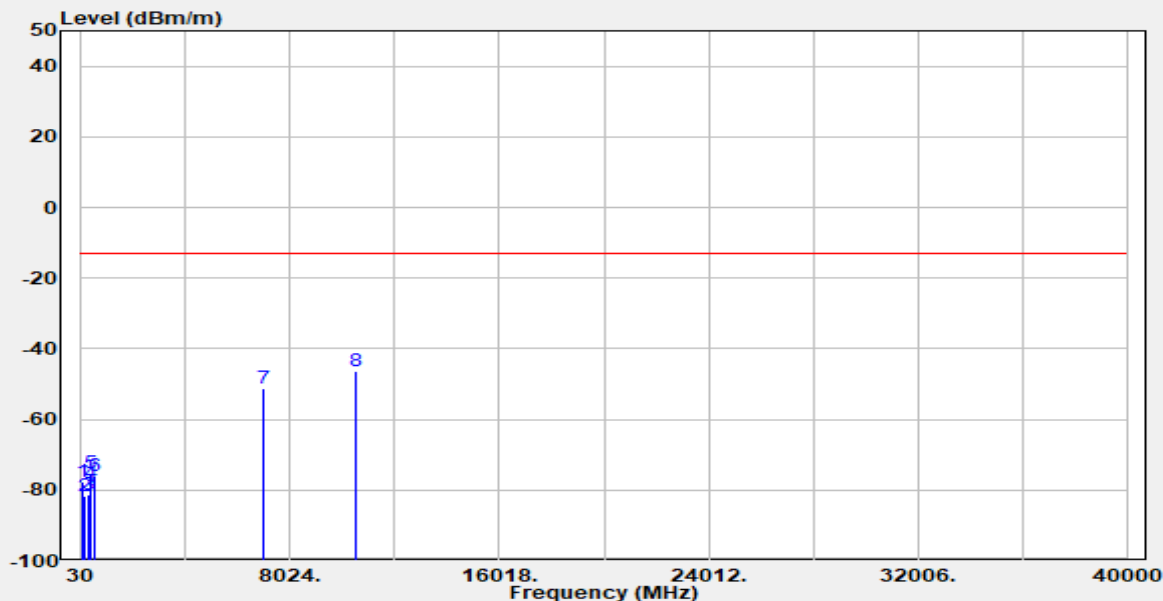
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
81.410	-81.20	-76.98	-2.56	-1.65	-13.00	-68.20
136.700	-79.37	-75.52	-1.71	-2.14	-13.00	-66.37
182.290	-78.65	-77.81	1.62	-2.47	-13.00	-65.65
232.730	-77.55	-79.08	4.32	-2.79	-13.00	-64.55
278.320	-77.46	-78.12	3.70	-3.05	-13.00	-64.46
426.730	-77.29	-77.50	3.98	-3.77	-13.00	-64.29
7000.020	-50.89	-46.42	11.40	-15.87	-13.00	-37.89
10500.030	-47.65	-39.47	11.40	-19.58	-13.00	-34.65

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

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

Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3500.01 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



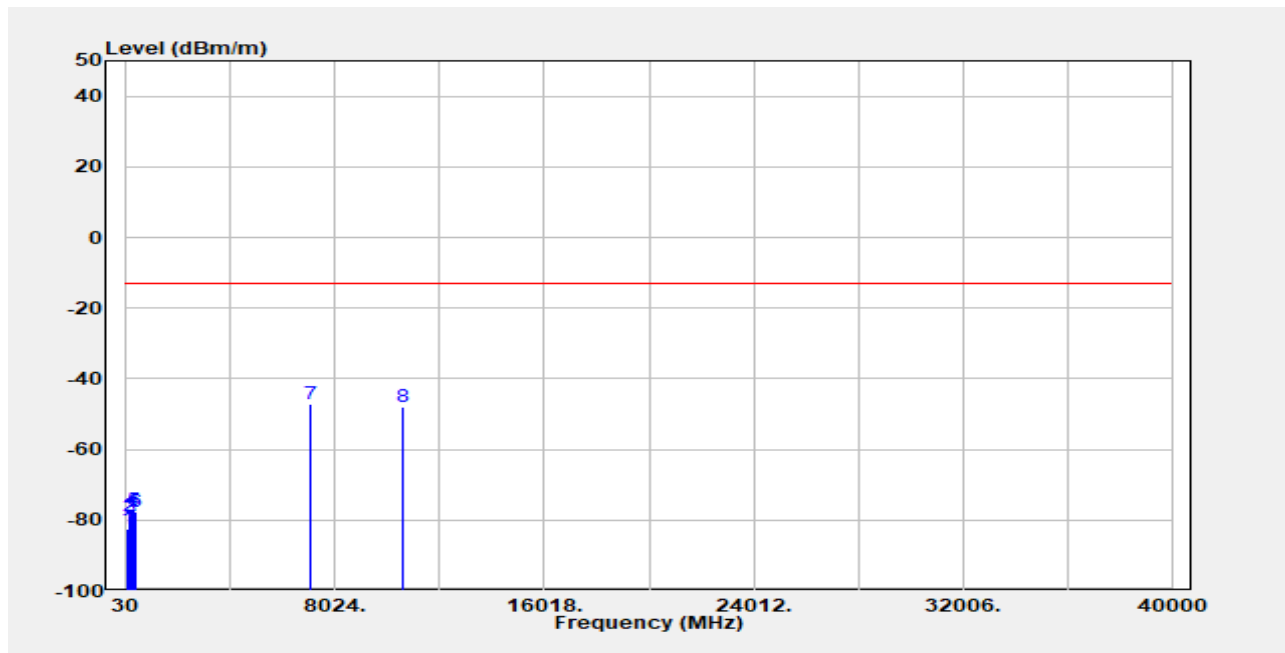
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
50.370	-77.70	-64.44	-11.95	-1.30	-13.00	-64.70
161.920	-81.58	-78.41	-0.84	-2.33	-13.00	-68.58
298.690	-81.37	-82.03	3.81	-3.15	-13.00	-68.37
353.980	-78.06	-78.88	4.26	-3.43	-13.00	-65.06
382.110	-75.33	-75.70	3.94	-3.57	-13.00	-62.33
564.470	-76.14	-76.14	4.33	-4.34	-13.00	-63.14
7000.020	-51.03	-46.56	11.40	-15.87	-13.00	-38.03
10500.030	-46.33	-38.15	11.40	-19.58	-13.00	-33.33

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3540 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	@3m	
		dBm	dBi/dBd	dB	dBm	dB
81.410	-82.39	-78.17	-2.56	-1.65	-13.00	-69.39
138.640	-78.99	-74.99	-1.85	-2.15	-13.00	-65.99
177.440	-79.34	-77.81	0.91	-2.43	-13.00	-66.34
229.820	-77.28	-79.23	4.72	-2.77	-13.00	-64.28
279.290	-77.36	-78.02	3.71	-3.06	-13.00	-64.36
366.590	-77.81	-78.52	4.20	-3.49	-13.00	-64.81
7080.000	-47.02	-42.14	11.08	-15.97	-13.00	-34.02
10620.000	-48.09	-39.78	11.34	-19.66	-13.00	-35.09

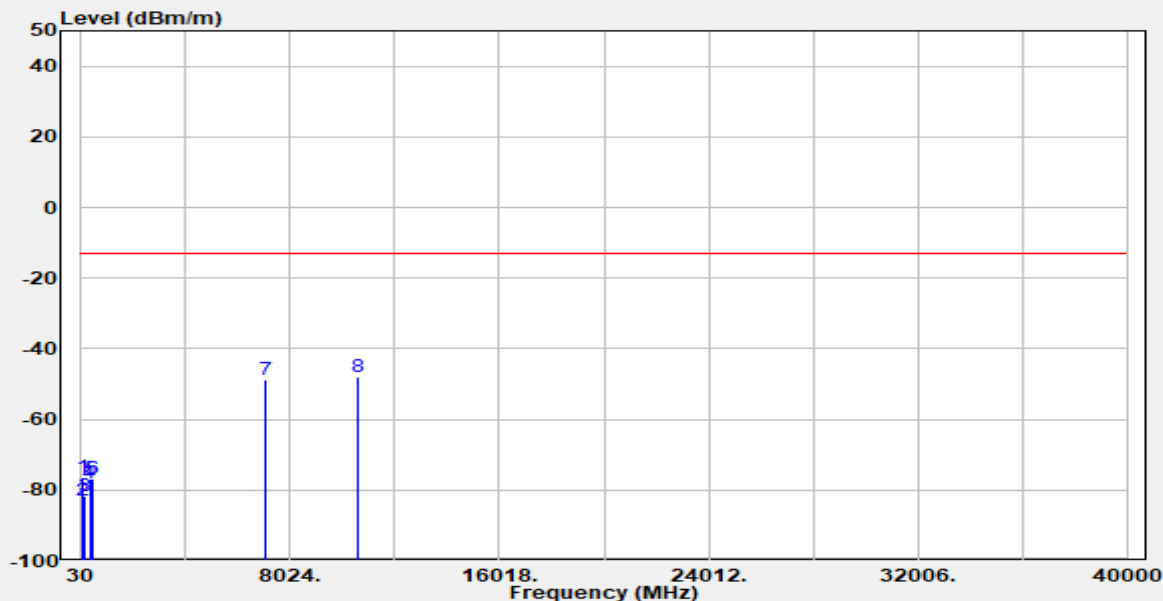
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3540 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°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
50.370	-76.31	-63.05	-11.95	-1.30	-13.00	-63.31
90.140	-82.97	-80.30	-0.93	-1.74	-13.00	-69.97
152.220	-81.56	-77.75	-1.55	-2.26	-13.00	-68.56
345.250	-78.01	-78.67	4.05	-3.39	-13.00	-65.01
385.020	-76.66	-76.97	3.89	-3.58	-13.00	-63.66
450.010	-76.87	-76.74	3.74	-3.87	-13.00	-63.87
7080.000	-48.72	-43.83	11.08	-15.97	-13.00	-35.72
10620.000	-47.83	-39.51	11.34	-19.66	-13.00	-34.83

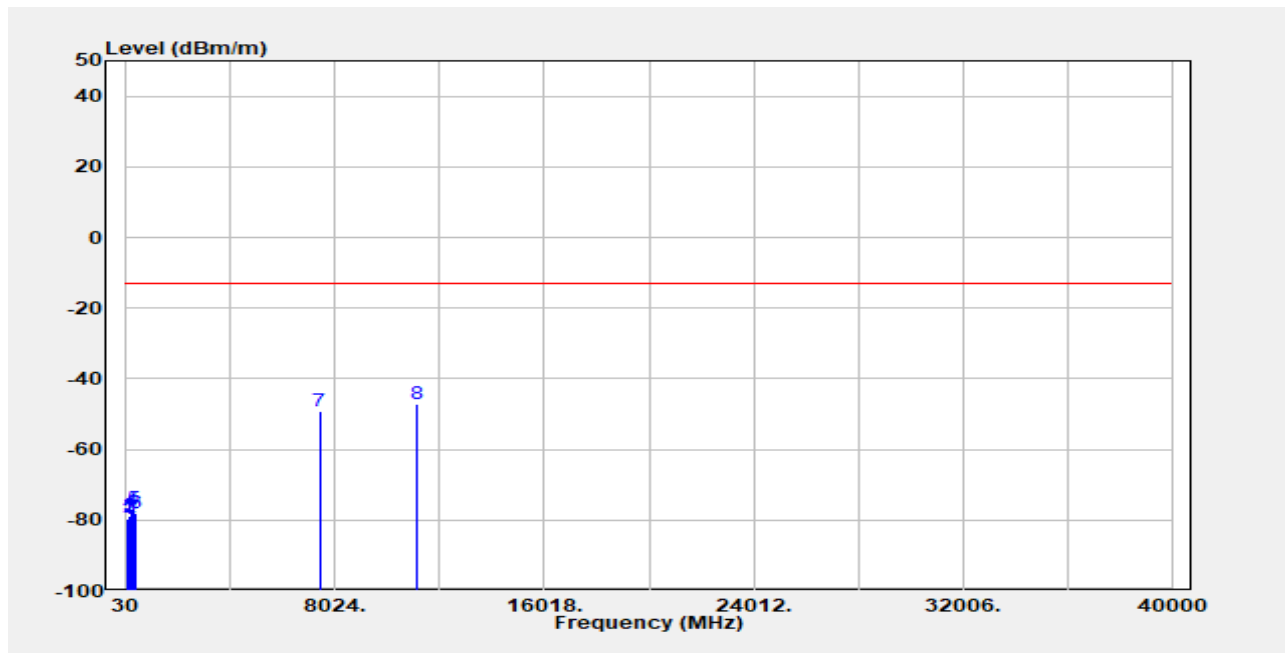
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3707.52 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°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	@3m dBm	dB
74.620	-79.61	-72.96	-5.07	-1.58	-13.00	-66.61
133.790	-79.45	-75.58	-1.75	-2.12	-13.00	-66.45
180.350	-78.72	-77.55	1.27	-2.45	-13.00	-65.72
232.730	-77.44	-78.97	4.32	-2.79	-13.00	-64.44
282.200	-76.67	-77.30	3.70	-3.07	-13.00	-63.67
371.440	-77.88	-78.48	4.12	-3.52	-13.00	-64.88
7415.040	-49.05	-43.59	10.90	-16.36	-13.00	-36.05
11122.560	-47.28	-38.60	11.49	-20.18	-13.00	-34.28

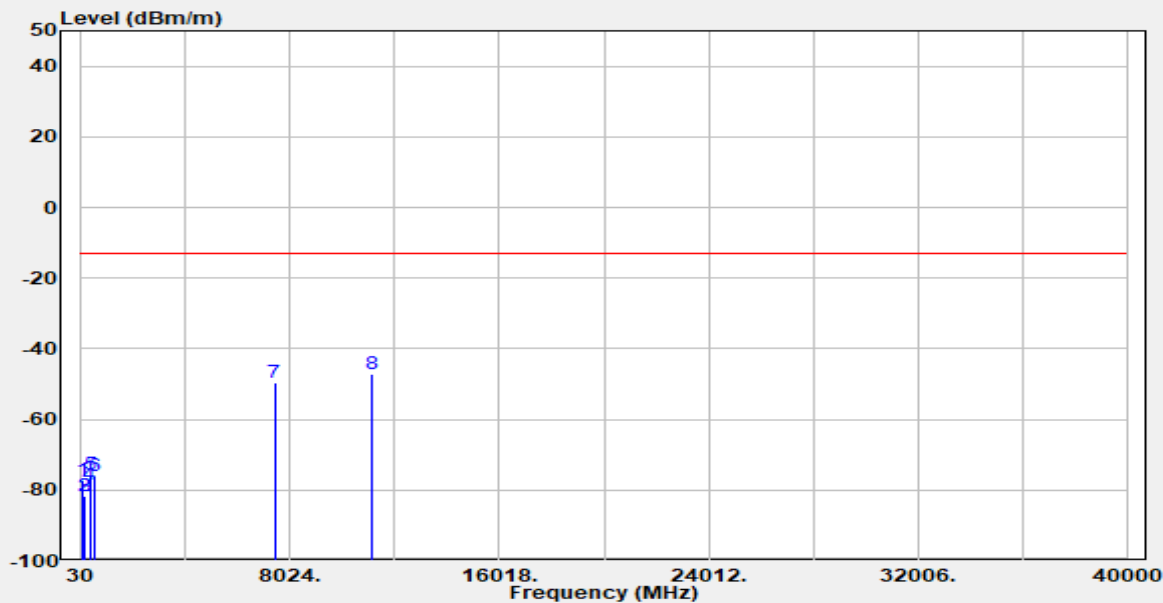
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3707.52 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°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
50.370	-77.29	-64.03	-11.95	-1.30	-13.00	-64.29
135.730	-81.90	-78.00	-1.77	-2.13	-13.00	-68.90
178.410	-81.51	-80.12	1.05	-2.44	-13.00	-68.51
345.250	-78.65	-79.30	4.05	-3.39	-13.00	-65.65
398.600	-75.71	-75.98	3.92	-3.64	-13.00	-62.71
556.710	-75.90	-76.06	4.46	-4.31	-13.00	-62.90
7415.040	-49.40	-43.95	10.90	-16.36	-13.00	-36.40
11122.560	-47.30	-38.62	11.49	-20.18	-13.00	-34.30

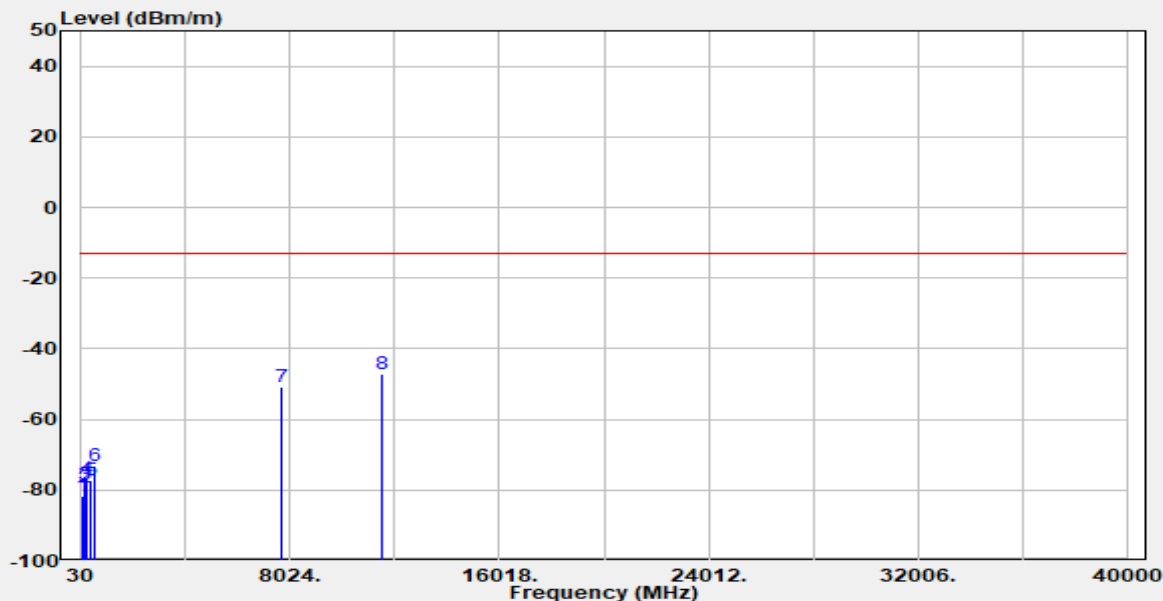
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3840 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°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
80.440	-81.63	-77.05	-2.94	-1.64	-13.00	-68.63
132.820	-79.38	-75.61	-1.65	-2.11	-13.00	-66.38
179.380	-78.30	-77.01	1.16	-2.45	-13.00	-65.30
231.760	-76.96	-78.64	4.46	-2.78	-13.00	-63.96
372.410	-77.20	-77.78	4.10	-3.52	-13.00	-64.20
564.470	-73.13	-73.12	4.33	-4.34	-13.00	-60.13
7680.000	-50.72	-45.49	11.42	-16.65	-13.00	-37.72
11520.000	-47.13	-38.11	11.54	-20.57	-13.00	-34.13

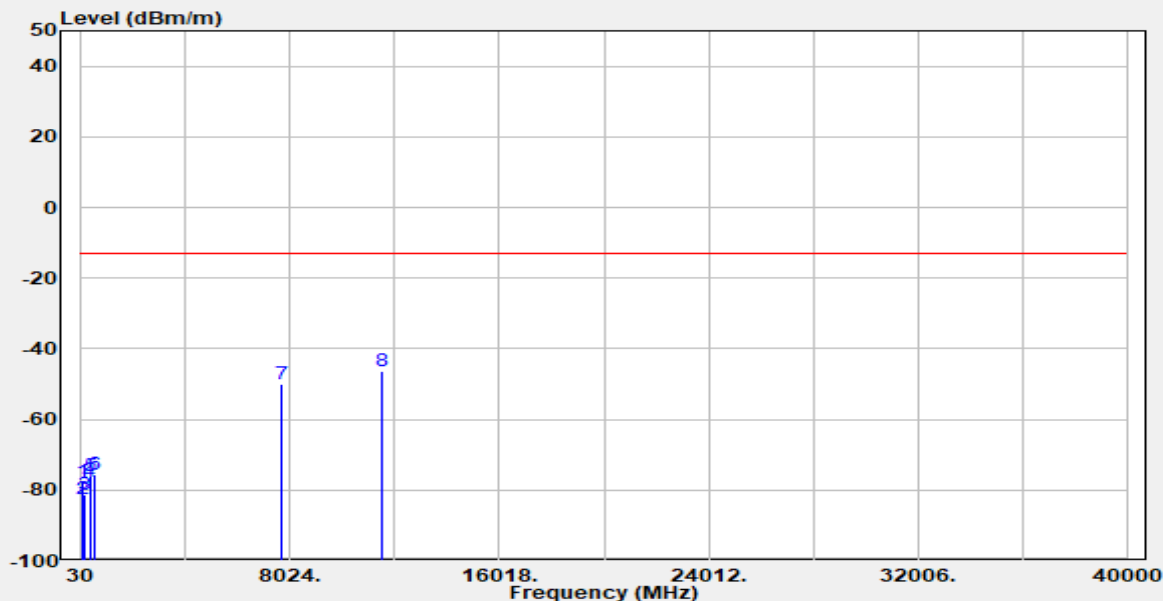
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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.

Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3840 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°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	@3m dBm	dB
51.340	-77.48	-64.32	-11.84	-1.32	-13.00	-64.48
77.530	-82.64	-77.11	-3.92	-1.61	-13.00	-69.64
176.470	-81.50	-79.78	0.71	-2.43	-13.00	-68.50
347.190	-77.72	-78.41	4.09	-3.40	-13.00	-64.72
382.110	-76.21	-76.59	3.94	-3.57	-13.00	-63.21
549.920	-75.63	-75.94	4.59	-4.28	-13.00	-62.63
7680.000	-50.16	-44.93	11.42	-16.65	-13.00	-37.16
11520.000	-46.35	-37.32	11.54	-20.57	-13.00	-33.35

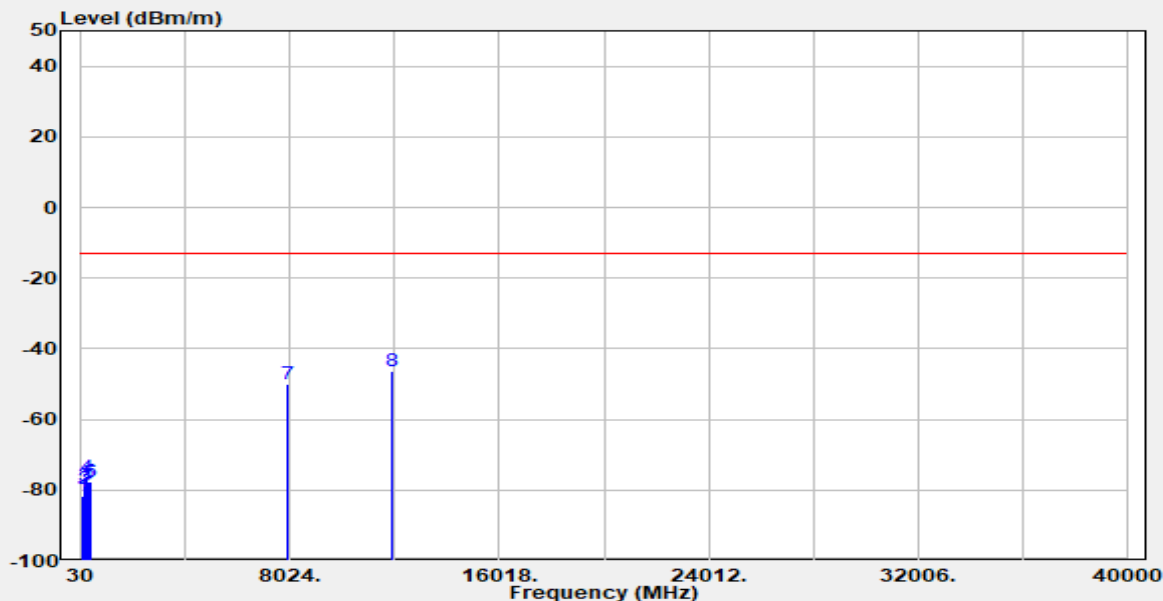
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3972.48 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



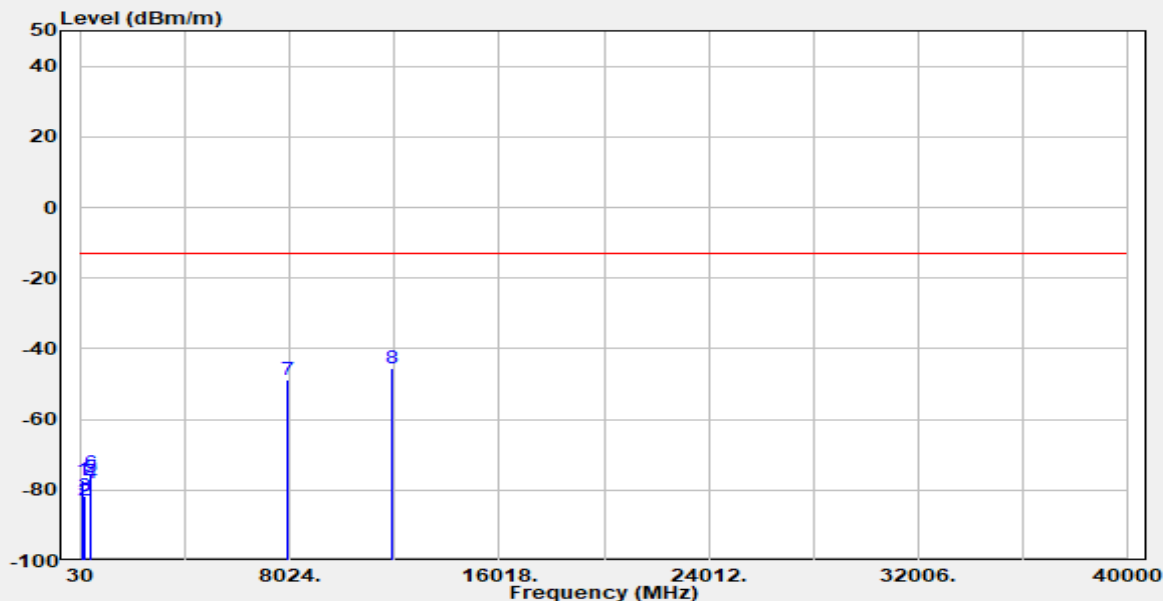
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
81.410	-81.84	-77.62	-2.56	-1.65	-13.00	-68.84
131.850	-79.49	-75.67	-1.72	-2.10	-13.00	-66.49
183.260	-78.84	-78.14	1.77	-2.47	-13.00	-65.84
228.850	-76.49	-78.51	4.78	-2.76	-13.00	-63.49
274.440	-77.91	-78.56	3.69	-3.03	-13.00	-64.91
407.330	-77.82	-78.12	3.98	-3.68	-13.00	-64.82
7944.960	-49.82	-44.03	11.13	-16.92	-13.00	-36.82
11917.440	-46.50	-38.31	12.73	-20.93	-13.00	-33.50

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 :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3972.48 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	@3m	dB
		dBm	dBi/dBd	dB	dBm	
51.340	-77.20	-64.04	-11.84	-1.32	-13.00	-64.20
118.270	-82.80	-79.24	-1.56	-1.99	-13.00	-69.80
163.860	-81.67	-78.60	-0.73	-2.34	-13.00	-68.67
348.160	-78.07	-78.78	4.12	-3.40	-13.00	-65.07
367.560	-76.36	-77.05	4.18	-3.50	-13.00	-63.36
408.300	-75.26	-75.58	4.00	-3.68	-13.00	-62.26
7944.960	-48.67	-42.87	11.13	-16.92	-13.00	-35.67
11917.440	-45.51	-37.31	12.73	-20.93	-13.00	-32.51

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.

6 FREQUENCY STABILITY MEASUREMENT

Note: The module's normal voltage is 3.3Vdc.

5G NR BAND n2				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	20MHz
CH	376000		Frequency(MHz):	1880.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1879.999986	-0.0077	+/- 2.5 ppm
3.3	20	1879.999973	-0.0146	
2.81	20	1879.999989	-0.0056	
2.5 (End Point)	20	1880.000014	0.0072	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1879.999979	-0.0112	+/- 2.5 ppm
3.3	-20	1879.999978	-0.0119	
3.3	-10	1880.000028	0.0150	
3.3	0	1879.999974	-0.0138	
3.3	10	1880.000015	0.0080	
3.3	20	1880.000022	0.0115	
3.3	30	1879.999974	-0.0138	
3.3	40	1879.999976	-0.0126	
3.3	50	1880.000027	0.0144	

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 n5				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	167300		Frequency(MHz):	836.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	836.500024	0.0286	+/- 2.5 ppm
3.3	20	836.499978	-0.0258	
2.81	20	836.499989	-0.0136	
2.5 (End Point)	20	836.500011	0.0129	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	836.499979	-0.0249	+/- 2.5 ppm
3.3	-20	836.500012	0.0145	
3.3	-10	836.499987	-0.0152	
3.3	0	836.500026	0.0314	
3.3	10	836.499986	-0.0165	
3.3	20	836.499984	-0.0192	
3.3	30	836.499986	-0.0167	
3.3	40	836.500010	0.0115	
3.3	50	836.499992	-0.0090	

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

5G NR BAND n7				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	20MHz
CH	507000		Frequency(MHz):	2535.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2534.999972	-0.0112	+/- 2.5 ppm
3.3	20	2535.000016	0.0065	
2.81	20	2535.000014	0.0055	
2.5 (End Point)	20	2534.999982	-0.0072	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2535.000009	0.0037	+/- 2.5 ppm
3.3	-20	2534.999992	-0.0031	
3.3	-10	2535.000021	0.0082	
3.3	0	2534.999980	-0.0078	
3.3	10	2534.999975	-0.0098	
3.3	20	2534.999994	-0.0023	
3.3	30	2535.000019	0.0073	
3.3	40	2534.999984	-0.0062	
3.3	50	2535.000030	0.0117	

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

5G NR BAND n12				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	15MHz
CH	141500		Frequency(MHz):	707.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	707.499984	-0.0220	+/- 2.5 ppm
3.3	20	707.500015	0.0212	
2.81	20	707.499996	-0.0056	
2.5 (End Point)	20	707.500018	0.0253	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	707.499972	-0.0398	+/- 2.5 ppm
3.3	-20	707.499979	-0.0304	
3.3	-10	707.500017	0.0243	
3.3	0	707.500025	0.0351	
3.3	10	707.499979	-0.0302	
3.3	20	707.499990	-0.0142	
3.3	30	707.500029	0.0411	
3.3	40	707.499995	-0.0073	
3.3	50	707.500011	0.0161	

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

5G NR BAND n13				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	10MHz
CH	156400		Frequency(MHz):	782.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	781.999979	-0.0264	+/- 2.5 ppm
3.3	20	781.999992	-0.0099	
2.81	20	781.999989	-0.0141	
2.5 (End Point)	20	782.000021	0.0272	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	781.999991	-0.0116	+/- 2.5 ppm
3.3	-20	781.999989	-0.0136	
3.3	-10	781.999992	-0.0105	
3.3	0	781.999979	-0.0270	
3.3	10	782.000015	0.0191	
3.3	20	781.999990	-0.0134	
3.3	30	781.999989	-0.0147	
3.3	40	782.000013	0.0165	
3.3	50	781.999978	-0.0282	

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

5G NR BAND n14				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	10MHz
CH	158600		Frequency(MHz):	793.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	793.000021	0.0267	+/- 2.5 ppm
3.3	20	792.999993	-0.0089	
2.81	20	792.999989	-0.0139	
2.5 (End Point)	20	793.000013	0.0162	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	792.999995	-0.0063	+/- 2.5 ppm
3.3	-20	792.999982	-0.0222	
3.3	-10	792.999977	-0.0295	
3.3	0	793.000025	0.0320	
3.3	10	792.999977	-0.0289	
3.3	20	792.999989	-0.0140	
3.3	30	793.000028	0.0356	
3.3	40	792.999991	-0.0117	
3.3	50	793.000009	0.0111	

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

5G NR BAND n25				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	376500		Frequency(MHz):	1882.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1882.500017	0.0088	+/- 2.5 ppm
3.3	20	1882.499979	-0.0112	
2.81	20	1882.500013	0.0067	
2.5 (End Point)	20	1882.499992	-0.0042	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1882.499986	-0.0074	+/- 2.5 ppm
3.3	-20	1882.499986	-0.0075	
3.3	-10	1882.500011	0.0060	
3.3	0	1882.500007	0.0039	
3.3	10	1882.499980	-0.0107	
3.3	20	1882.500012	0.0062	
3.3	30	1882.499978	-0.0115	
3.3	40	1882.499981	-0.0103	
3.3	50	1882.500019	0.0101	

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

5G NR BAND n26				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	167300		Frequency(MHz):	836.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	836.499990	-0.0114	+/- 2.5 ppm
3.3	20	836.499979	-0.0251	
2.81	20	836.500011	0.0133	
2.5 (End Point)	20	836.500017	0.0202	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	818.999980	-0.0234	+/- 2.5 ppm
3.3	-20	818.999972	-0.0335	
3.3	-10	818.999988	-0.0145	
3.3	0	818.999983	-0.0203	
3.3	10	819.000029	0.0351	
3.3	20	818.999983	-0.0198	
3.3	30	819.000013	0.0153	
3.3	40	818.999973	-0.0324	
3.3	50	819.000021	0.0246	

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

5G NR BAND n26 Part90s				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	10MHz
CH	163800		Frequency(MHz):	819.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	818.999990	-0.0117	+/- 2.5 ppm
3.3	20	818.999984	-0.0193	
2.81	20	819.000005	0.0064	
2.5 (End Point)	20	818.999981	-0.0235	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	819.000012	0.0148	+/- 2.5 ppm
3.3	-20	818.999986	-0.0171	
3.3	-10	818.999984	-0.0198	
3.3	0	818.999975	-0.0303	
3.3	10	818.999983	-0.0206	
3.3	20	818.999996	-0.0050	
3.3	30	818.999985	-0.0186	
3.3	40	818.999970	-0.0366	
3.3	50	819.000028	0.0342	

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

5G NR BAND n30				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	10MHz
CH	462000		Frequency(MHz):	2310.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2309.999986	-0.0059	+/- 2.5 ppm
3.3	20	2309.999984	-0.0071	
2.81	20	2310.000011	0.0049	
2.5 (End Point)	20	2310.000011	0.0047	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2310.000018	0.0077	+/- 2.5 ppm
3.3	-20	2309.999996	-0.0019	
3.3	-10	2309.999980	-0.0087	
3.3	0	2310.000010	0.0043	
3.3	10	2309.999972	-0.0121	
3.3	20	2309.999987	-0.0057	
3.3	30	2309.999989	-0.0046	
3.3	40	2309.999995	-0.0022	
3.3	50	2310.000021	0.0092	

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

5G NR BAND n38				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	20MHz
CH	519000		Frequency(MHz):	2595.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2595.000015	0.0058	+/- 2.5 ppm
3.3	20	2594.999995	-0.0021	
2.81	20	2594.999991	-0.0033	
2.5 (End Point)	20	2594.999982	-0.0071	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2595.000022	0.0083	+/- 2.5 ppm
3.3	-20	2594.999988	-0.0046	
3.3	-10	2595.000010	0.0038	
3.3	0	2594.999975	-0.0097	
3.3	10	2595.000019	0.0074	
3.3	20	2595.000014	0.0052	
3.3	30	2594.999983	-0.0065	
3.3	40	2595.000005	0.0021	
3.3	50	2594.999970	-0.0114	

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

5G NR BAND n41				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	20MHz
CH	518604		Frequency(MHz):	2593.02
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2593.019987	-0.0051	+/- 2.5 ppm
3.3	20	2593.019998	-0.0008	
2.81	20	2593.019992	-0.0032	
2.5 (End Point)	20	2593.020018	0.0071	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2593.019982	-0.0070	+/- 2.5 ppm
3.3	-20	2593.019986	-0.0056	
3.3	-10	2593.020030	0.0114	
3.3	0	2593.019977	-0.0088	
3.3	10	2593.019979	-0.0079	
3.3	20	2593.019993	-0.0026	
3.3	30	2593.020025	0.0095	
3.3	40	2593.019994	-0.0025	
3.3	50	2593.020023	0.0089	

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

5G NR BAND n53				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	10MHz
CH	497800		Frequency(MHz)	2489.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 10 ppm
3.8	20	2489.000023	0.0092	+/- 10 ppm
3.3	20	2488.999980	-0.0080	
2.81	20	2488.999975	-0.0101	
2.5 (End Point)	20	2489.000016	0.0062	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2488.999986	-0.0058	+/- 10 ppm
3.3	-20	2488.999987	-0.0054	
3.3	-10	2489.000011	0.0045	
3.3	0	2488.999977	-0.0094	
3.3	10	2489.000017	0.0070	
3.3	20	2489.000029	0.0115	
3.3	30	2489.000011	0.0043	
3.3	40	2488.999977	-0.0093	
3.3	50	2488.999981	-0.0077	

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 n66				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	349000		Frequency(MHz):	1745.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1745.000029	0.0167	+/- 2.5 ppm
3.3	20	1744.999989	-0.0066	
2.81	20	1745.000028	0.0159	
2.5 (End Point)	20	1744.999982	-0.0101	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1744.999993	-0.0040	+/- 2.5 ppm
3.3	-20	1745.000019	0.0111	
3.3	-10	1745.000023	0.0133	
3.3	0	1744.999982	-0.0105	
3.3	10	1744.999989	-0.0066	
3.3	20	1745.000012	0.0071	
3.3	30	1744.999980	-0.0113	
3.3	40	1744.999983	-0.0098	
3.3	50	1745.000025	0.0141	

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

5G NR BAND n70				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	15MHz
CH	340500		Frequency(MHz):	1702.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1702.499971	-0.0169	+/- 2.5 ppm
3.3	20	1702.499981	-0.0110	
2.81	20	1702.499979	-0.0126	
2.5 (End Point)	20	1702.500020	0.0118	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1702.499988	-0.0071	+/- 2.5 ppm
3.3	-20	1702.499978	-0.0127	
3.3	-10	1702.500007	0.0039	
3.3	0	1702.499981	-0.0113	
3.3	10	1702.500015	0.0085	
3.3	20	1702.499971	-0.0170	
3.3	30	1702.499989	-0.0064	
3.3	40	1702.500019	0.0112	
3.3	50	1702.499994	-0.0033	

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 n71				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	136100		Frequency(MHz):	680.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	680.500007	0.0104	+/- 2.5 ppm
3.3	20	680.500011	0.0163	
2.81	20	680.499982	-0.0259	
2.5 (End Point)	20	680.500012	0.0176	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	680.500018	0.0271	+/- 2.5 ppm
3.3	-20	680.499988	-0.0177	
3.3	-10	680.499973	-0.0392	
3.3	0	680.500025	0.0374	
3.3	10	680.499975	-0.0370	
3.3	20	680.499992	-0.0119	
3.3	30	680.499986	-0.0212	
3.3	40	680.500012	0.0176	
3.3	50	680.500017	0.0246	

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 n77 Part27				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	20MHz
CH	656000		Frequency(MHz):	3840.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	3839.999996	-0.0009	+/- 2.5 ppm
3.3	20	3839.999989	-0.0029	
2.81	20	3839.999984	-0.0041	
2.5 (End Point)	20	3840.000018	0.0048	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	3839.999981	-0.0050	+/- 2.5 ppm
3.3	-20	3840.000024	0.0063	
3.3	-10	3839.999975	-0.0065	
3.3	0	3840.000012	0.0031	
3.3	10	3840.000019	0.0050	
3.3	20	3839.999983	-0.0045	
3.3	30	3840.000025	0.0065	
3.3	40	3840.000022	0.0058	
3.3	50	3839.999986	-0.0037	

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.

7 PEAK TO AVERAGE RATION

5G NR BAND n2							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.50	370500	6.72	13	1855.00	371000	6.87	13
1880.00	376000	6.59	13	1880.00	376000	6.66	13
1907.50	381500	6.20	13	1905.00	381000	6.67	13
5G NR BAND n2							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.50	371500	6.62	13	1860.00	372000	4.09	13
1880.00	376000	6.42	13	1880.00	376000	4.73	13
1902.50	380500	6.15	13	1900.00	380000	6.86	13
5G NR BAND n5							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
826.50	165300	6.76	13	829.00	165800	6.52	13
836.50	167300	6.66	13	836.50	167300	6.88	13
846.50	169300	6.20	13	844.00	168800	6.42	13
5G NR BAND n5							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
831.50	166300	6.38	13	834.00	166800	6.57	13
836.50	167300	6.57	13	836.50	167300	6.69	13
841.50	168300	6.61	13	839.00	167800	6.96	13
5G NR BAND n7							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2502.50	500500	6.29	13	2505.00	501000	6.30	13
2535.00	507000	6.71	13	2535.00	507000	6.56	13
2567.50	513500	6.44	13	2565.00	513000	6.68	13
5G NR BAND n7							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2507.50	501500	6.32	13	2510.00	502000	6.43	13
2535.00	507000	6.41	13	2535.00	507000	6.58	13
2562.50	512500	6.31	13	2560.00	512000	6.29	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 n12							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
701.50	140300	6.36	13	704.00	140800	6.40	13
707.50	141500	6.47	13	707.50	141500	6.78	13
713.50	142700	6.52	13	711.00	142200	6.80	13
5G NR BAND n12							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
706.50	141300	6.55	13				
707.50	141500	6.61	13				
708.50	141700	6.33	13				
5G NR BAND n13							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
779.50	155900	6.33	13				
782.00	156400	6.03	13	782.00	156400	6.64	13
784.50	156900	7.49	13				
5G NR BAND n14							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
790.50	158100	6.39	13				
793.00	158600	6.71	13	793.00	158600	6.18	13
795.50	189100	6.35	13				
5G NR BAND n25							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.50	370500	6.98	13	1855.00	371000	6.63	13
1882.50	376500	6.62	13	1882.50	376500	6.89	13
1912.50	382500	6.69	13	1910.00	382000	6.72	13
5G NR BAND n25							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.50	371500	6.58	13	1860.00	372000	6.62	13
1882.50	376500	6.68	13	1882.50	376500	6.60	13
1907.50	381500	6.48	13	1905.00	381000	6.47	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.

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

5G NR BAND n26							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
826.50	165300	6.46	13	829.00	165800	6.26	13
836.50	167300	6.36	13	836.50	167300	6.55	13
846.50	169300	6.22	13	844.00	168800	6.50	13
5G NR BAND n26							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
831.50	166300	6.37	13	834.00	166800	6.45	13
836.50	167300	6.46	13	836.50	167300	6.61	13
841.50	168300	6.44	13	839.00	167800	6.78	13
5G NR BAND n26 Part90s							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
816.50	163300	6.67	13				
819.00	163800	6.64	13	819.00	163800	6.71	13
821.50	164300	6.54	13				
5G NR BAND n30							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2307.50	461500	6.34	13				
2310.00	462000	6.72	13	2310.00	462000	6.60	13
2312.50	462500	6.57	13				
5G NR BAND n66							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1712.50	342500	6.46	13	1715.00	343000	7.02	13
1745.00	349000	6.58	13	1745.00	349000	6.49	13
1777.50	355500	6.85	13	1775.00	355000	6.56	13
5G NR BAND n66							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1717.50	343500	6.45	13	1720.00	344000	6.43	13
1745.00	349000	6.60	13	1745.00	349000	6.74	13
1772.50	354500	6.44	13	1770.00	354000	6.67	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 n70							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1697.50	339500	7.06	13	1700.00	340000	6.61	13
1702.50	340500	6.77	13	1702.50	340500	6.86	13
1707.50	341500	6.86	13	1705.00	341000	6.92	13
5G NR BAND n70							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1702.50	340500	6.86	13				
5G NR BAND n71							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
665.50	133100	6.34	13	668.00	133600	6.18	13
680.50	136100	6.70	13	680.50	136100	6.60	13
695.50	139100	6.37	13	693.00	138600	6.64	13
5G NR BAND n71							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
670.50	134100	6.28	13	673.00	134600	6.21	13
680.50	136100	6.43	13	680.50	136100	6.55	13
690.50	138100	6.22	13	688.00	137600	6.35	13
5G NR BAND n38							
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
2575.00	515000	6.72	13	2577.50	515500	7.05	13
2595.00	519000	6.76	13	2595.00	519000	6.66	13
2615.00	523000	6.58	13	2612.50	522500	6.90	13
5G NR BAND n38							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2580.00	516000	6.88	13				
2595.00	519000	6.67	13				
2610.00	522000	6.59	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.

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

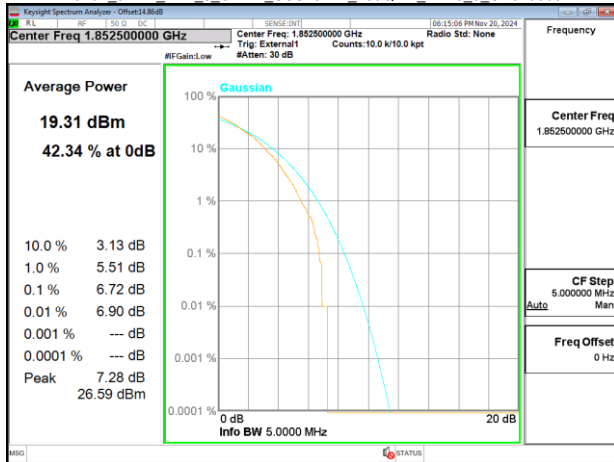
5G NR BAND n41							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 10MHz				Channel bandwidth: 15MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2501.01	500202	6.71	13	2503.50	500700	7.05	13
2505.00	501000	6.87	13	2507.52	501504	6.76	13
2593.02	518604	6.73	13	2593.02	518604	7.23	13
2685.00	537000	6.71	13	2682.48	536496	7.20	13
5G NR BAND n41							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2506.02	501204	6.92	13				
2510.01	502002	6.81	13				
2593.02	518604	6.78	13				
2679.99	535998	7.01	13				
5G NR BAND n77 Part27(3450 to 3550 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
3455.01	630334	6.28	13	3457.50	630500	6.61	13
3500.01	633334	6.47	13	3500.01	633334	6.59	13
3544.98	636332	6.94	13	3542.49	636166	6.75	13
5G NR BAND n77 Part27(3450 to 3550 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3460.02	630668	6.53	13				
3500.01	633334	6.53	13				
3540.00	636000	6.79	13				
5G NR BAND n77 Part27(3700 to 3980 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
3705.00	647000	6.44	13	3707.52	647168	6.55	13
3840.00	656000	6.63	13	3840.00	656000	6.89	13
3975.00	665000	6.66	13	3972.48	664832	6.91	13
5G NR BAND n77 Part27(3700 to 3980 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3710.01	647334	6.71	13				
3840.00	656000	6.69	13				
3969.99	664666	6.64	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.

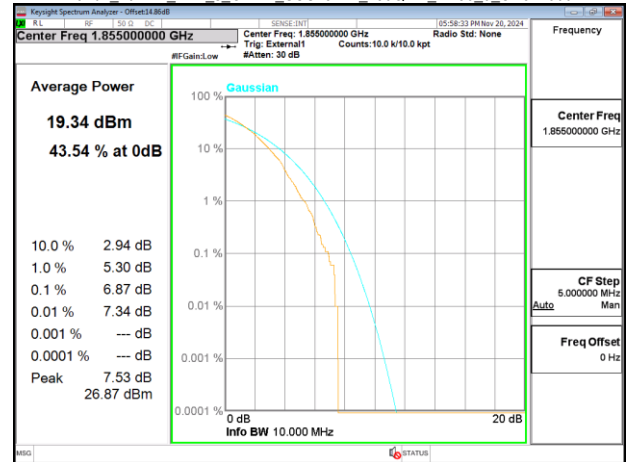
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

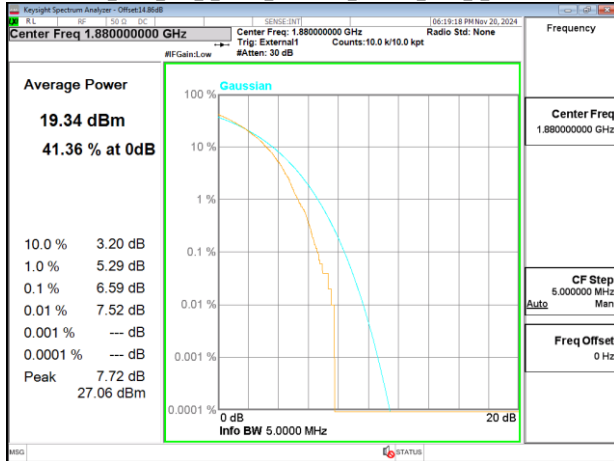
Band2 5MHz DFT s OFDM_SCS15kHz 256QAM RB25_0_CH370500



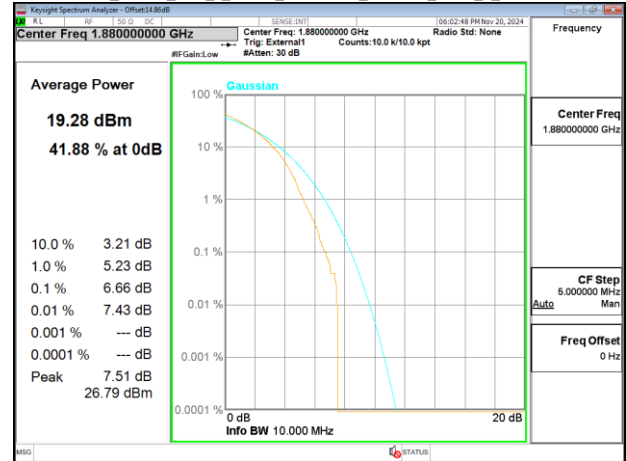
Band2 10MHz DFT s OFDM_SCS15kHz 256QAM RB50_0_CH371000



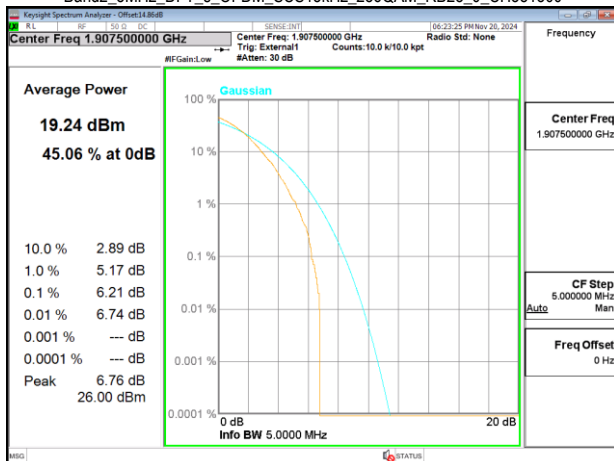
Band2 5MHz DFT s OFDM_SCS15kHz 256QAM RB25_0_CH376000



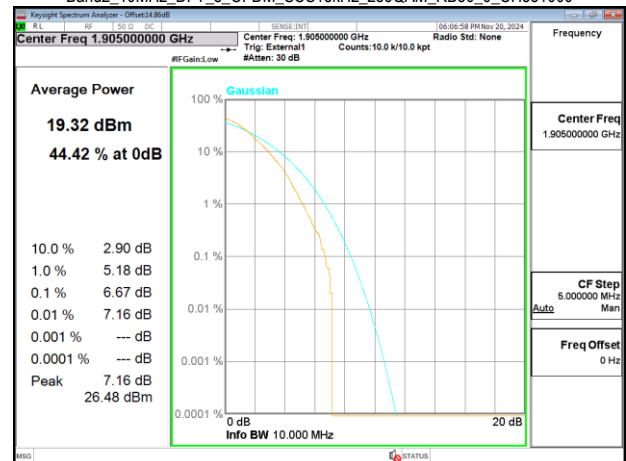
Band2 10MHz DFT s OFDM_SCS15kHz 256QAM RB50_0_CH376000



Band2 5MHz DFT s OFDM_SCS15kHz 256QAM RB25_0_CH381500



Band2 10MHz DFT s OFDM_SCS15kHz 256QAM RB50_0_CH381000

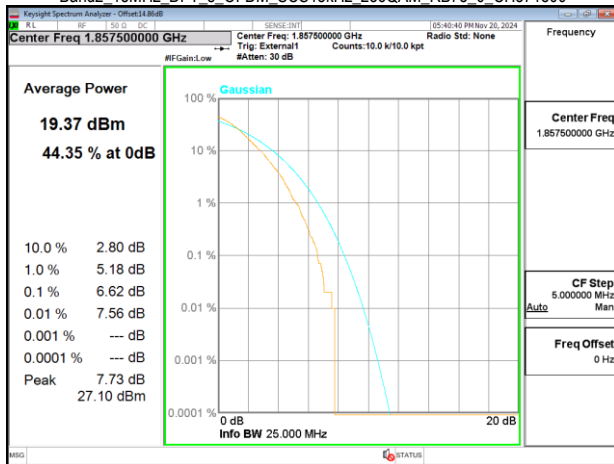


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

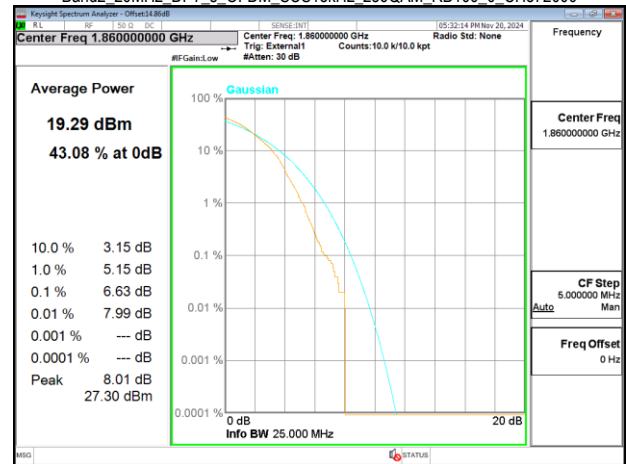
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

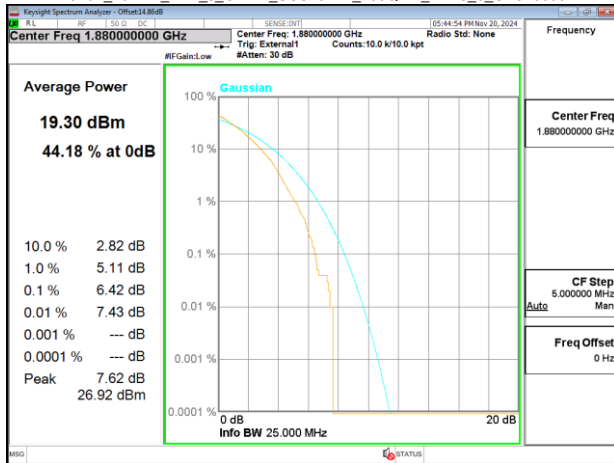
Band2_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH371500



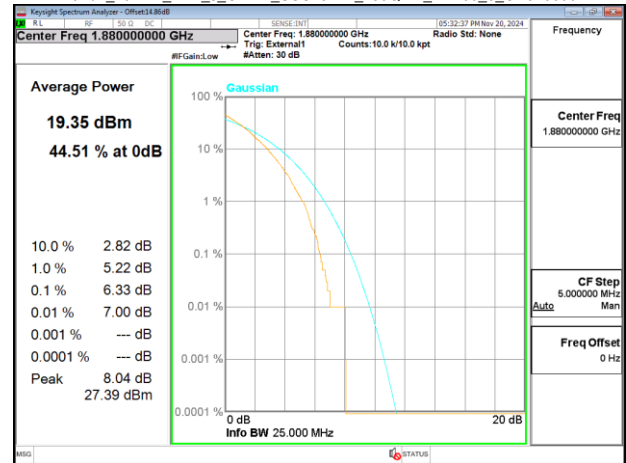
Band2_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH372000



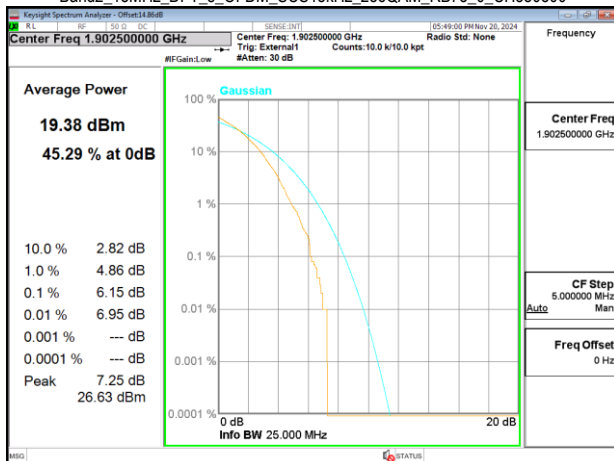
Band2_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH376000



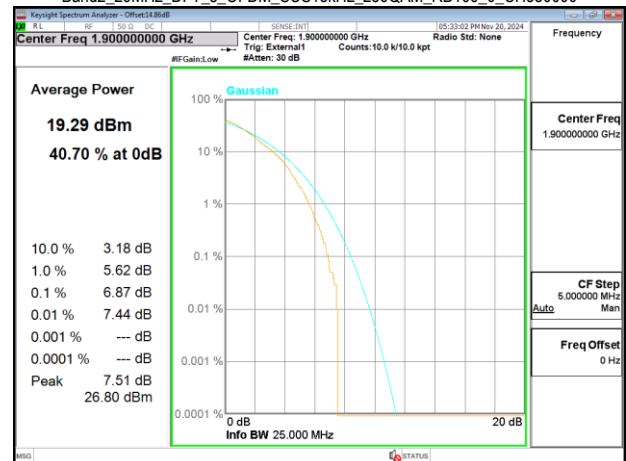
Band2_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH376000



Band2_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH380500



Band2_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH380000

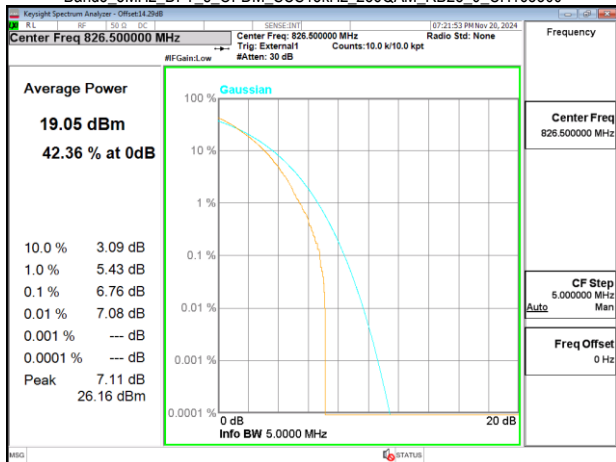


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

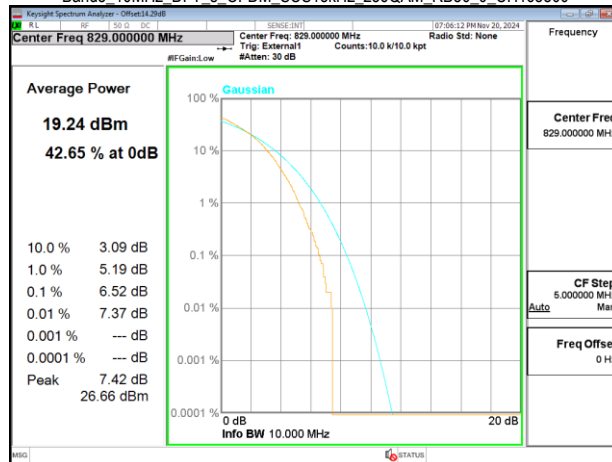
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

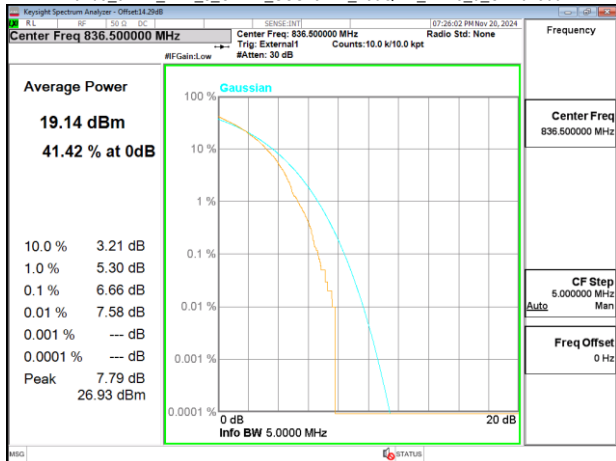
Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH165300



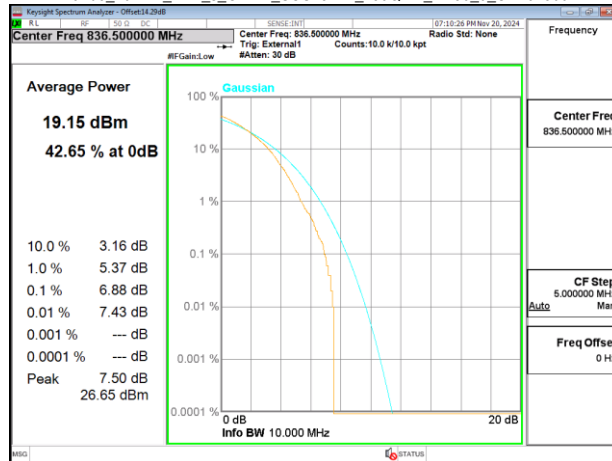
Band5_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH165800



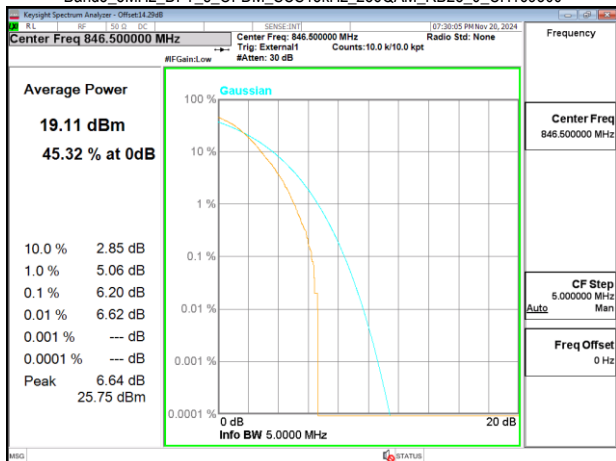
Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH167300



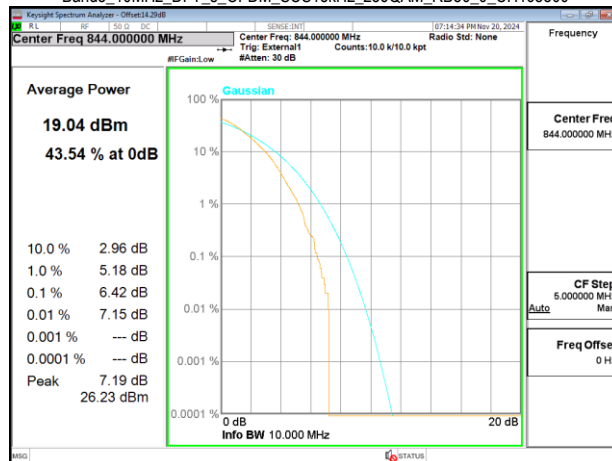
Band5_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH167300



Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH169300



Band5_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH168800

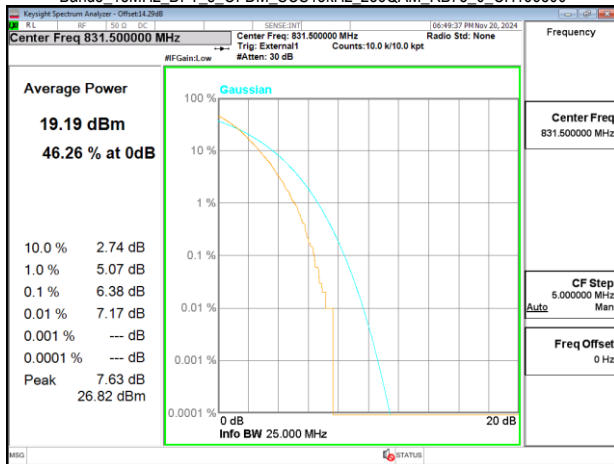


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

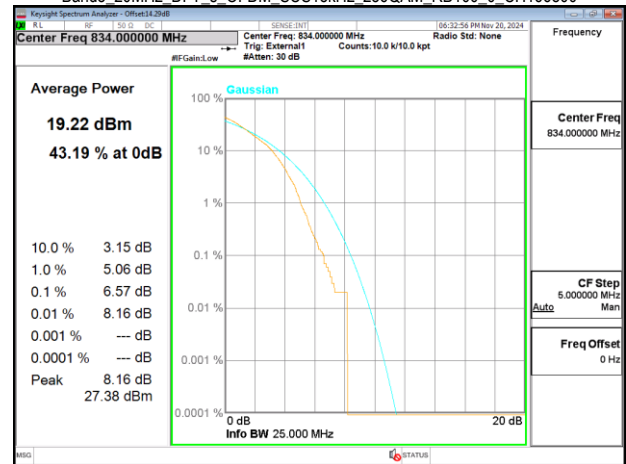
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

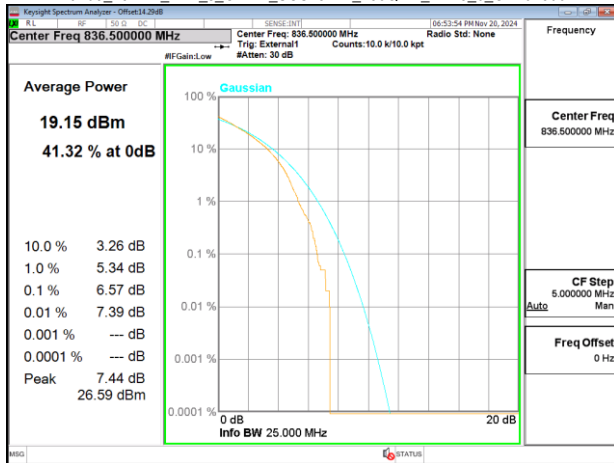
Band5_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH166300



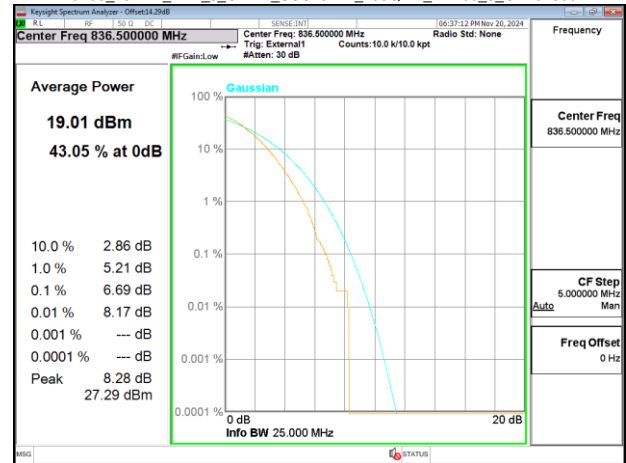
Band5_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH166800



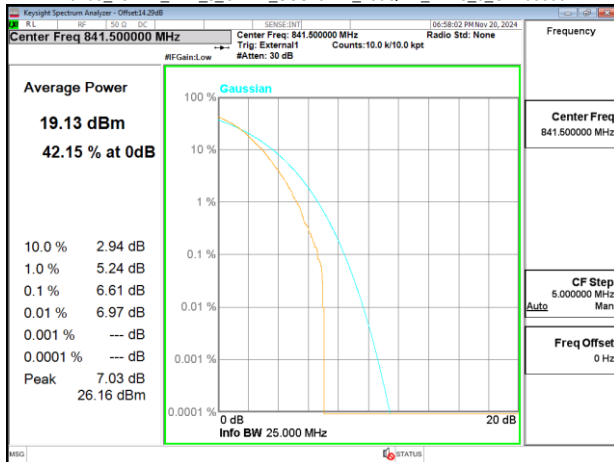
Band5_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH167300



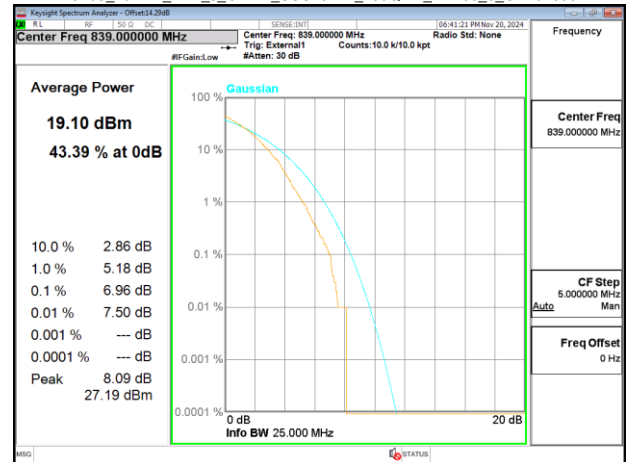
Band5_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH167800



Band5_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH168300



Band5_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH167800

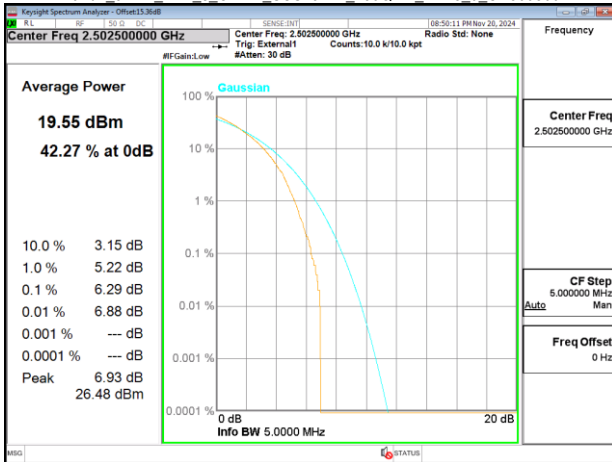


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

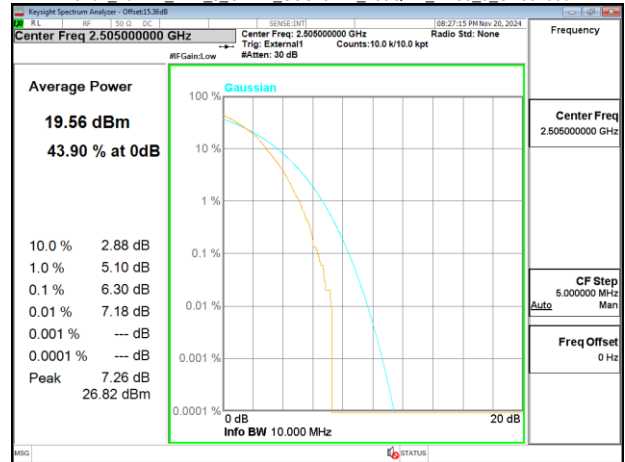
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

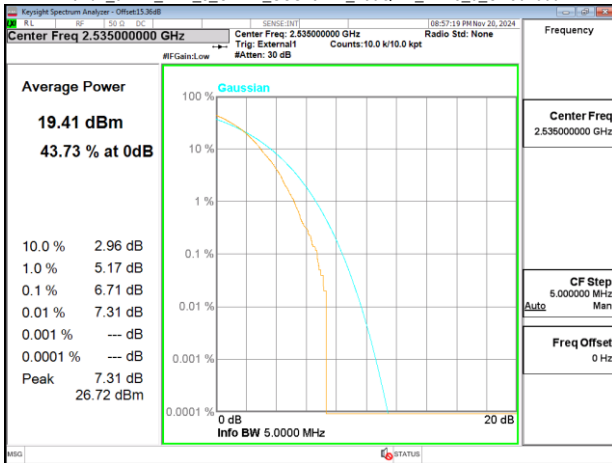
Band7_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH500500



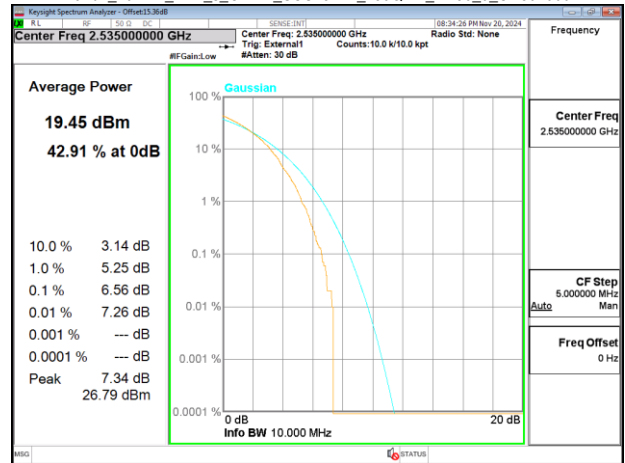
Band7_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH501000



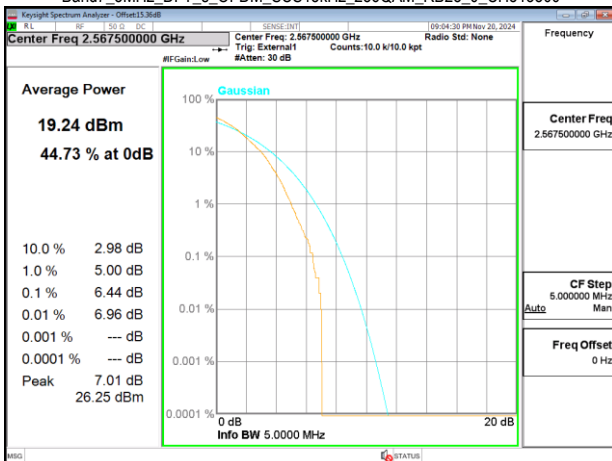
Band7_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH507000



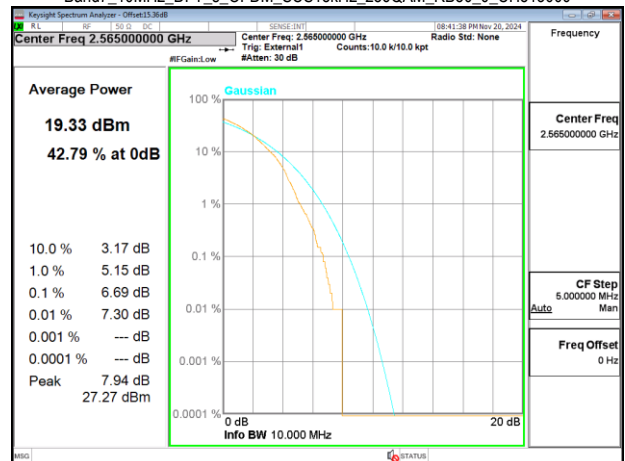
Band7_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH507000



Band7_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH513500



Band7_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH513000

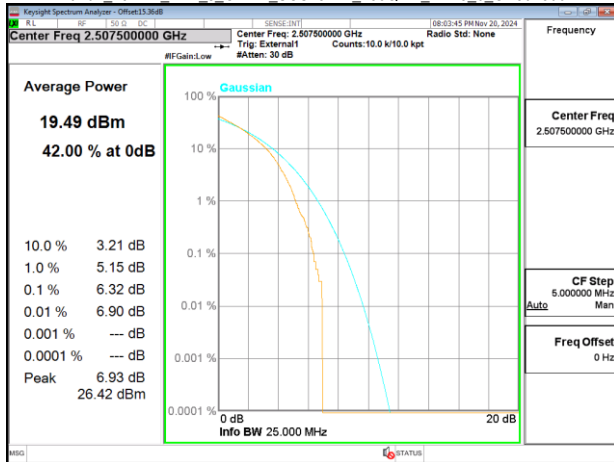


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

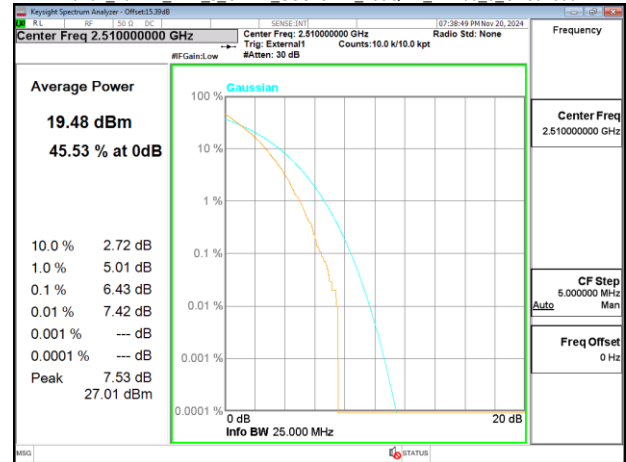
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

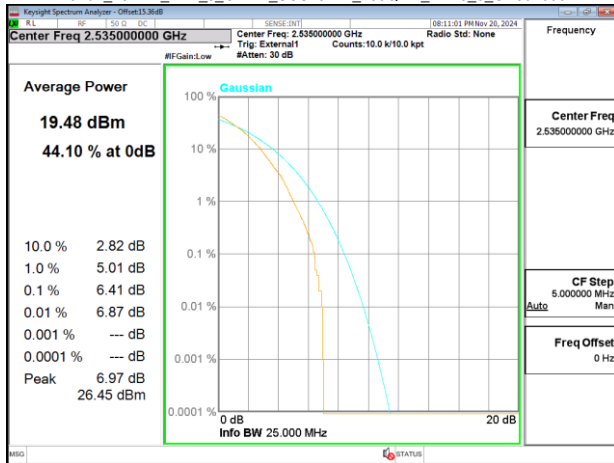
Band7_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH501500



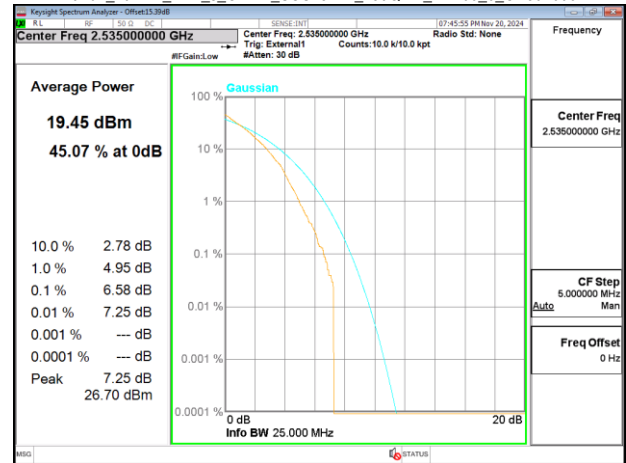
Band7_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH502000



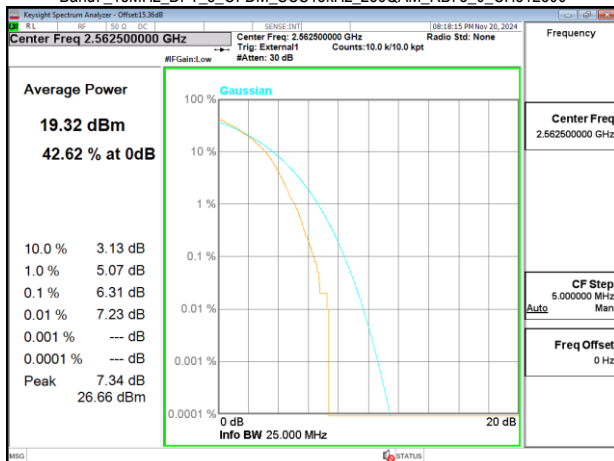
Band7_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH507000



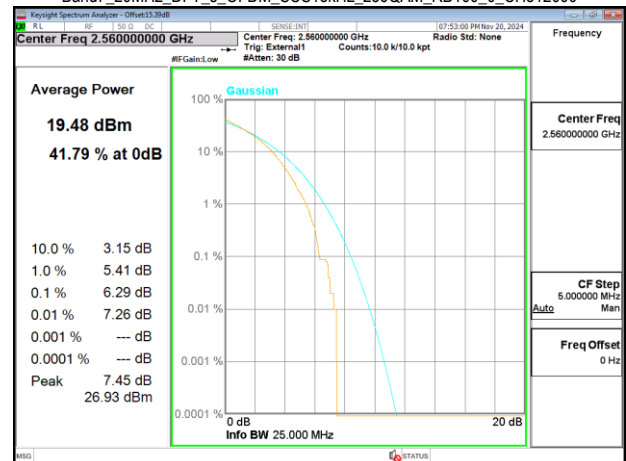
Band7_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH507000



Band7_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH512500



Band7_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH512000

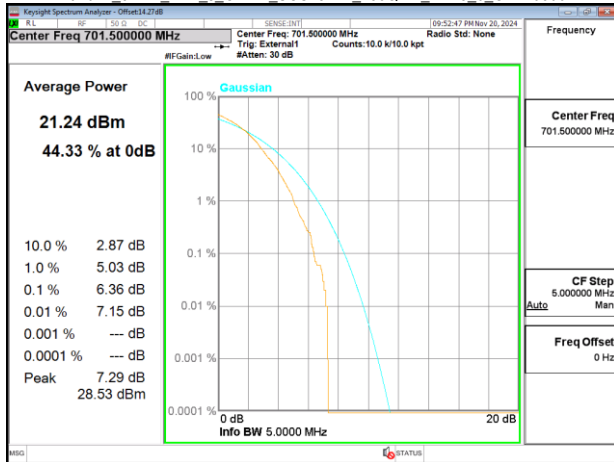


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

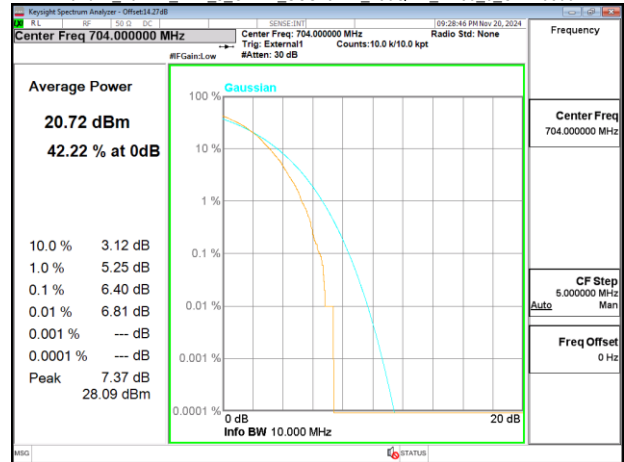
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

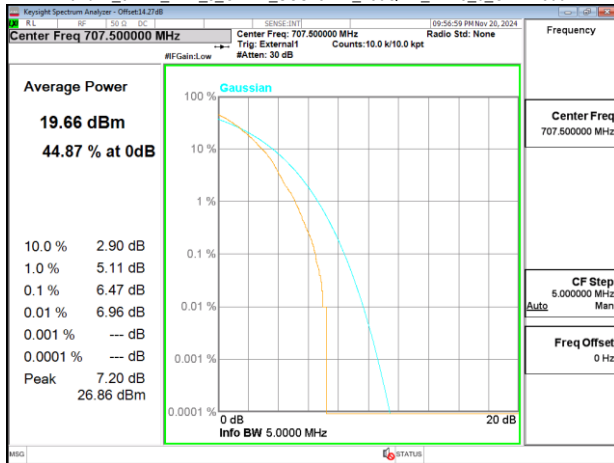
Band12_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH140300



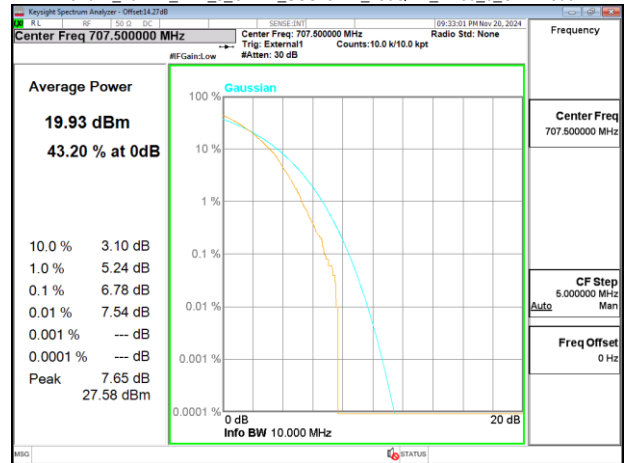
Band12_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH140800



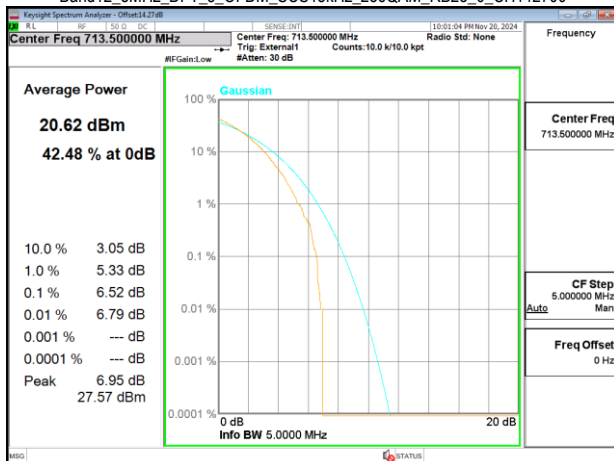
Band12_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH141500



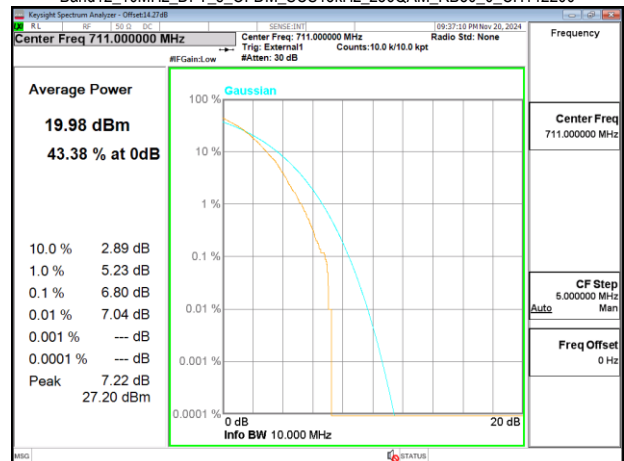
Band12_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH141500



Band12_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH142700



Band12_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH142200

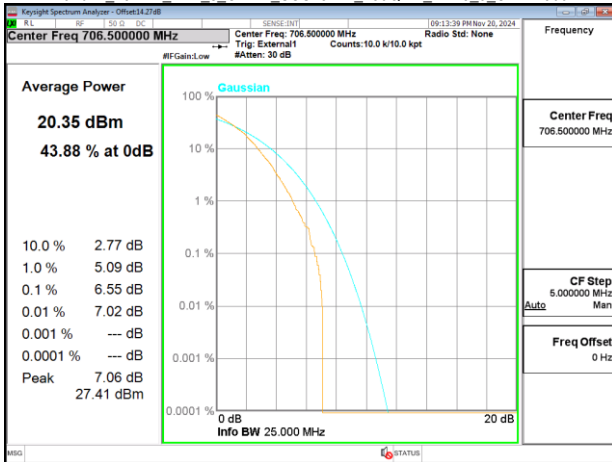


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

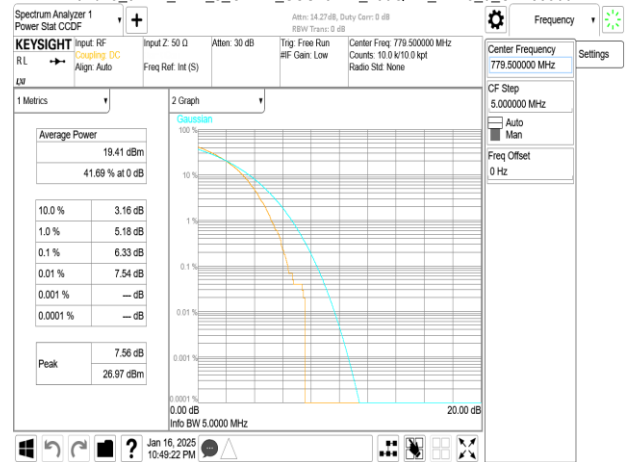
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

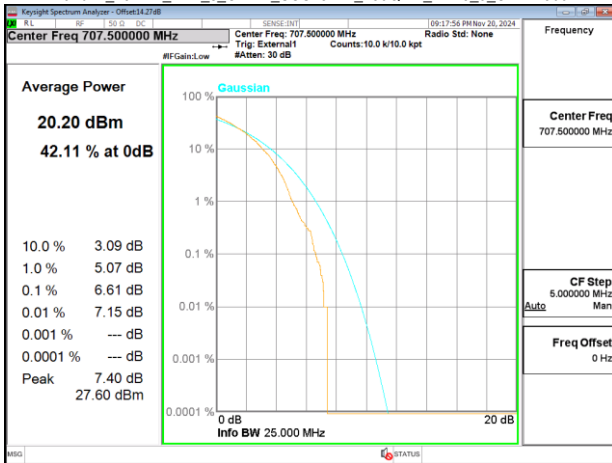
Band12_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH141300



Band13_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH155900



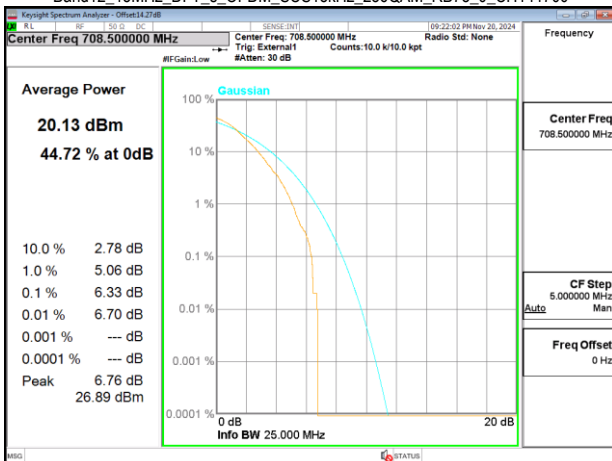
Band12_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH141500



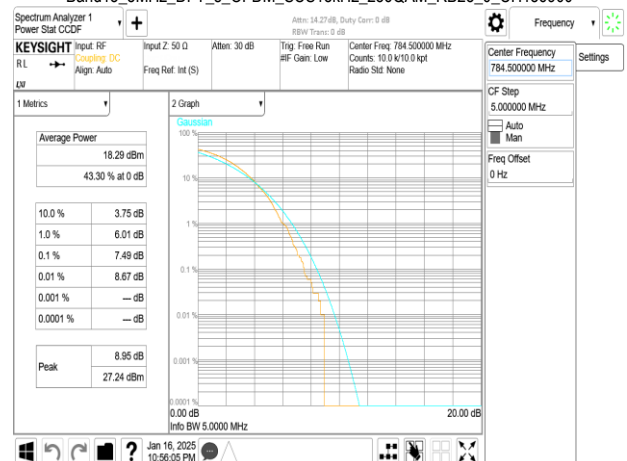
Band13_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH156400



Band12_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH141700



Band13_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH156900



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.

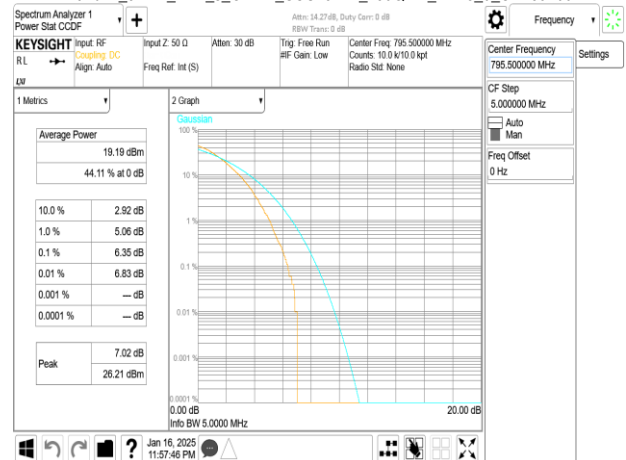
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

Band13_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH156400



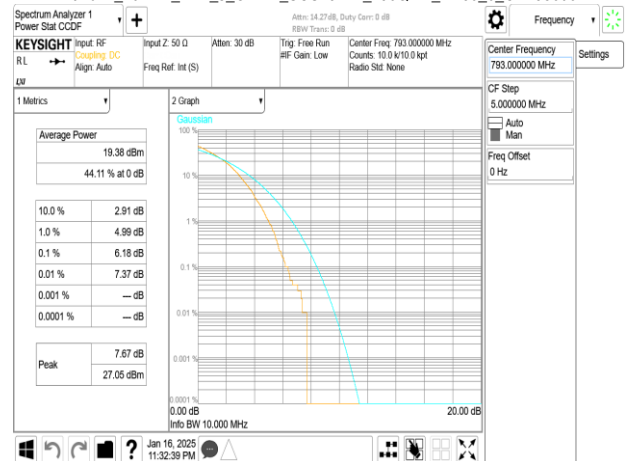
Band14_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH159100



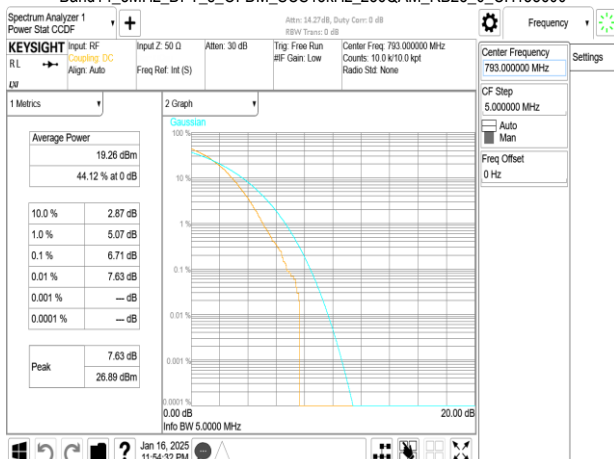
Band14_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH158100



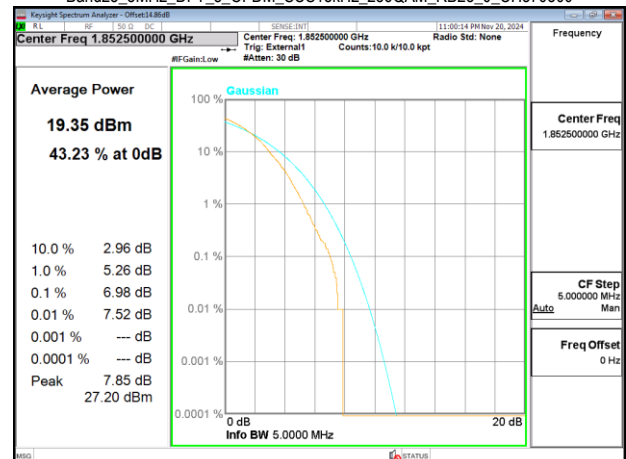
Band14_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH158600



Band14_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH158600



Band25_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH370500

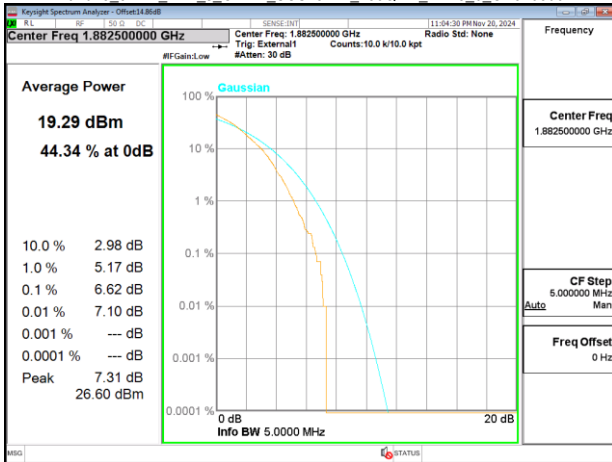


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

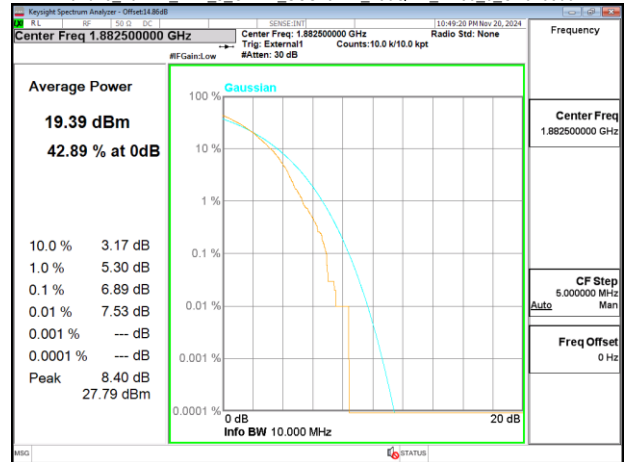
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

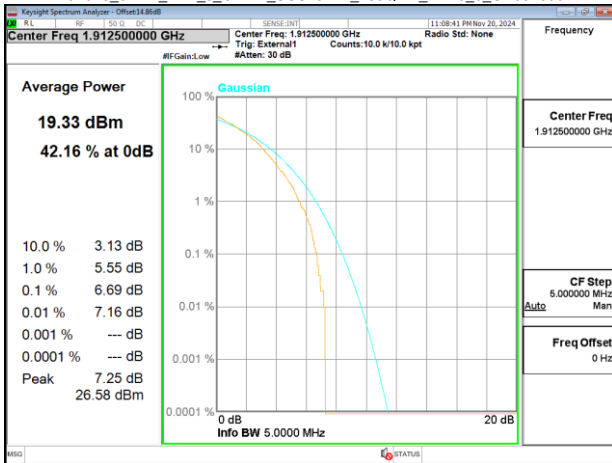
Band25_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH376500



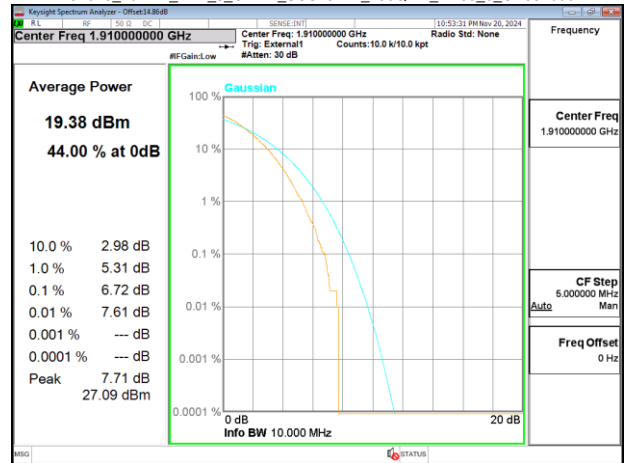
Band25_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH376500



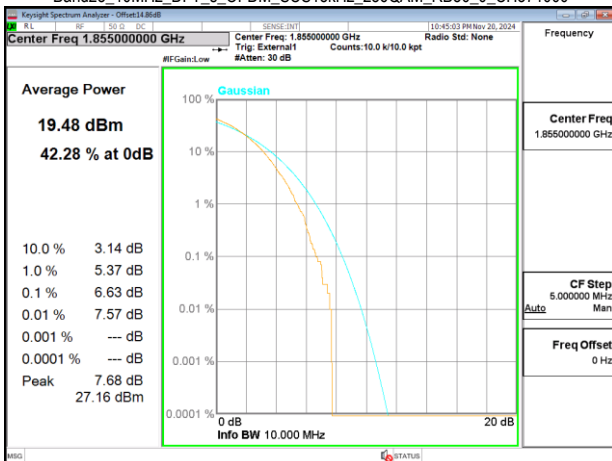
Band25_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH382500



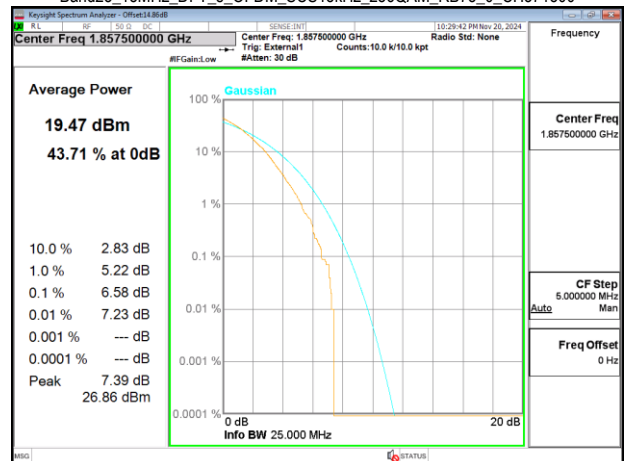
Band25_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH382000



Band25_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH371000



Band25_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH371500

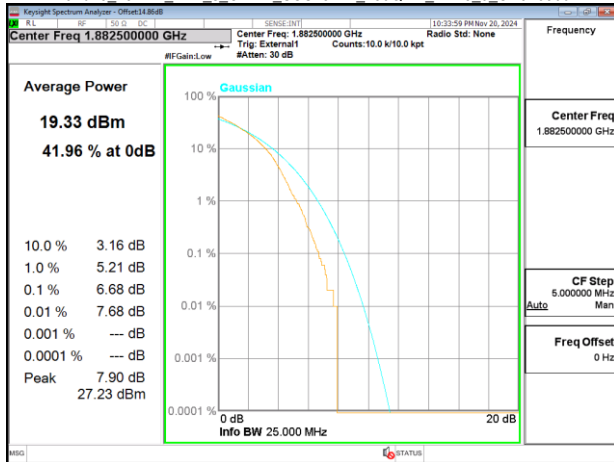


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

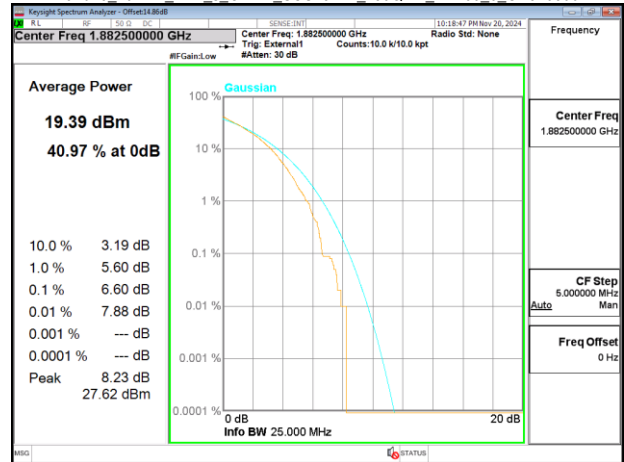
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

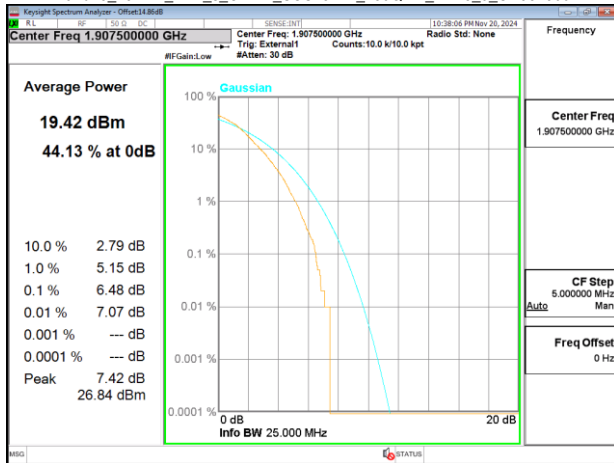
Band25_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH376500



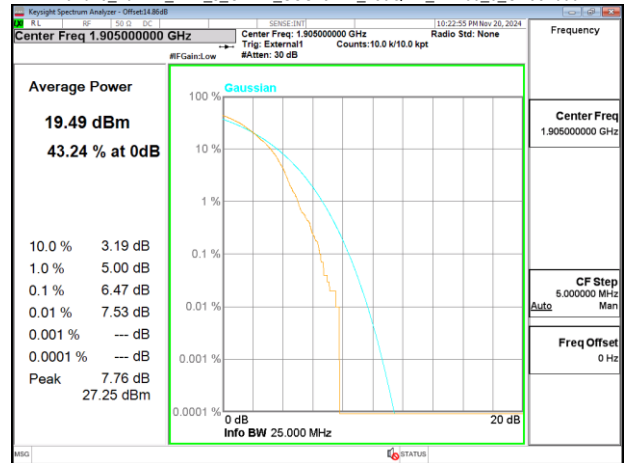
Band25_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH376500



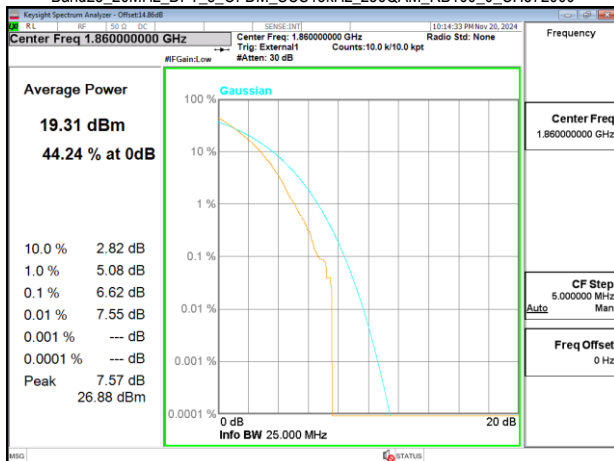
Band25_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH381500



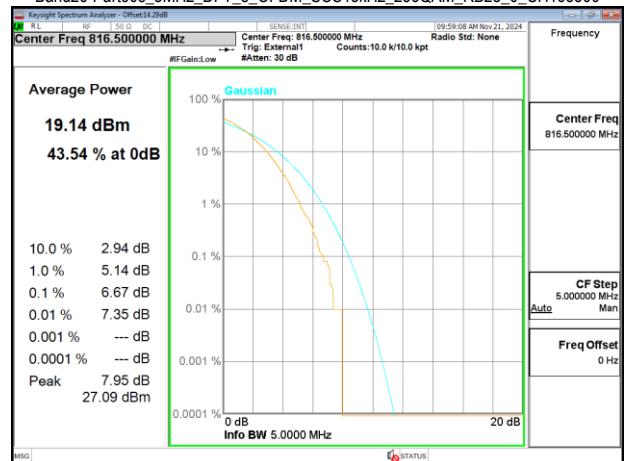
Band25_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH381000



Band25_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH372000



Band26-Part90s_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH163300

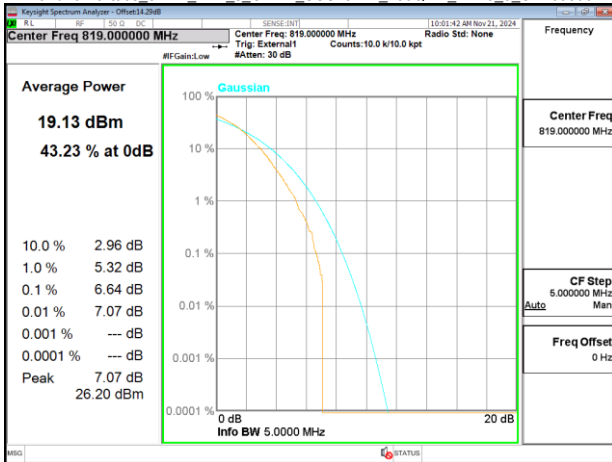


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

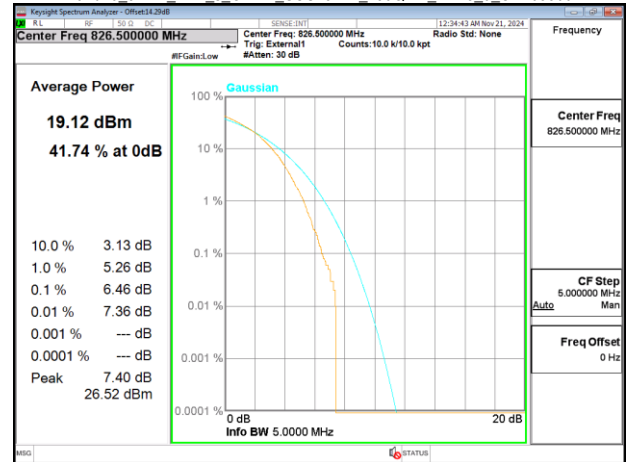
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

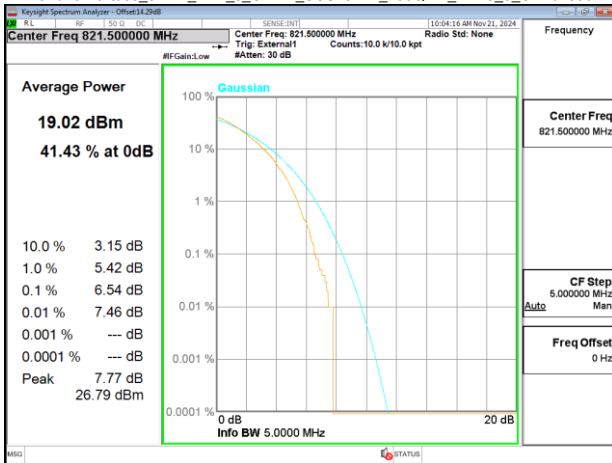
Band26-Part90s_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH163800



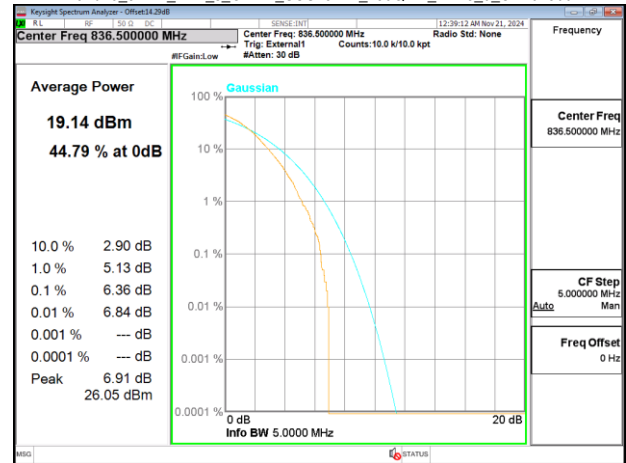
Band26_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH163300



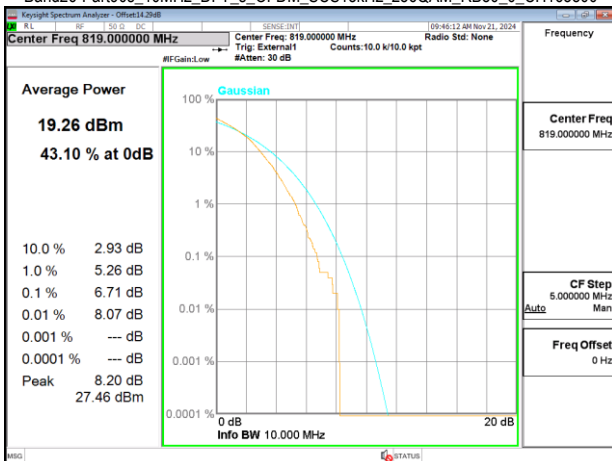
Band26-Part90s_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH164300



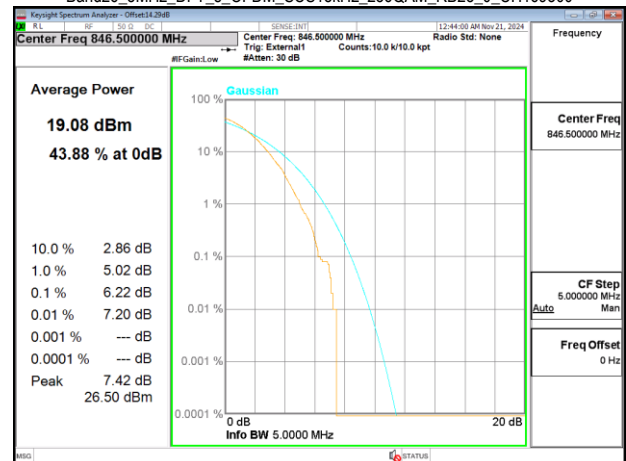
Band26_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH167300



Band26-Part90s_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH163800



Band26_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH169300



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.