

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

Applicant: FIH CO., LTD.
No.4, Minsheng St., Tu-Cheng Dist., New Taipei City 23679,
Taiwan

Manufacturer: FIH CO., LTD.
No.4, Minsheng St., Tu-Cheng Dist., New Taipei City 23679,
Taiwan

Product Name: Internet Gateway

Brand Name: FIH

Model No.: FSNO21VA

Model Difference: N/A

Report Number: ER/2022/30084

FCC ID RYQFSNO21VA

Issue Date: May 30, 2022

Date of Test: April 6, 2022 ~ May 12, 2022

Date of EUT Received: March 30, 2022

Approved By

Blue Yang

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2, 22H & 24E & 27 C.

The results of this report relate only to the sample identified in this report.

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

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

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

Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
ER/2022/30084	00	Original	May 30, 2022	Yuri Tsai	

Note:

- 1、The remark "" indicates modification of the report upon requests from certification body.

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.

Contents

1	GENERAL PRODUCT INFORMATION	4
2	SYSTEM TEST CONFIGURATION	15
3	SUMMARY OF TEST RESULTS	20
4	DESCRIPTION OF TEST MODES	21
5	MEASUREMENT UNCERTAINTY	24
6	MEASUREMENT EQUIPMENT USED	25
7	MAXIMUM OUTPUT POWER	27
8	OCCUPIED BANDWIDTH MEASUREMENT	46
9	OUT OF BAND EMISSION AT ANTENNA TERMINALS	165
10	FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT	258
11	FREQUENCY STABILITY MEASUREMENT	329
12	PEAK TO AVERAGE RATIO	337

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.

1 GENERAL PRODUCT INFORMATION

1.1 Product Description

Product Name:	Internet Gateway
Brand Name:	FIH
Model No.:	FSNO21VA
Model Difference:	N/A
Hardware Version:	1.0
Firmware Version:	V0.15A_1KUS
EUT Series No.:	356405430000400, 356405430005042
Power Supply:	12Vdc from AC/DC Adapter
Test tool name/version:	Default

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.

1.2 Operation Frequency Range

NR Band 2			
BW (MHz)	Operation Frequency (MHz)		
5	1852.5	-	1907.5
10	1855.0	-	1905.0
15	1857.5	-	1902.5
20	1860.0	-	1900.0

NR Band 5			
BW (MHz)	Operation Frequency (MHz)		
5	826.5	-	846.5
10	829.0	-	844.0
15	831.5	-	841.5
20	834.0	-	839.0

NR Band 66			
BW (MHz)	Operation Frequency (MHz)		
5	1712.5	-	1777.5
10	1715.0	-	1775.0
15	1717.5	-	1772.5
20	1720.0	-	1770.0
30	1725.0	-	1765.0
40	1730.0	-	1760.0

NR Band 77 (lower)			
BW (MHz)	Operation Frequency (MHz)		
20	3460.0	-	3540.0
30	3465.0	-	3535.0
40	3470.0	-	3530.0
60	3480.0	-	3520.0
80	3490.0	-	3510.0
100	3500.0	-	3500.0

NR Band 77 (upper)			
BW (MHz)	Operation Frequency (MHz)		
20	3710.0	-	3970.0
30	3715.0	-	3965.0
40	3720.0	-	3960.0
60	3730.0	-	3950.0
80	3740.0	-	3940.0
100	3750.0	-	3930.0

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.

1.3 Antenna Designation

Antenna Type	Antenna No.
PIFA	Ant0
Monopole	Ant4
Dipole	Ant5
Note: Transmission frequencies in this test report are only available by the above antenna(s).	

5G NR Bands	Frequency (MHz)	Peak Antenna Gain (dBi)		
		Ant0	Ant4	Ant5
2	1850 ~ 1910	-0.72698		
5	824 ~ 849	-2.41266		
66	1710 ~ 1780	-1.39889		
77 (lower)	3450 ~ 3550		-1.05494	-1.79714
77 (upper)	3700 ~ 3980		-0.67148	-1.868

Note: Antenna information is provided by the applicant.

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.

1.4 Type of Emission & Max ERP/EIRP Power Measurement Result:

5G NR Band n2_Uplink frequency band : 1850 to 1910 MHz									
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
5	1852.5	1907.5	DFT-s PI/2 BPSK	23.25	22.52302	0.179	4.477	4477.1	4M48G7W
			DFT-s QPSK	23.17	22.44302	0.176	4.4703	4470.3	4M47G7W
			DFT-s QAM	21.66	20.93302	0.124	4.4909	4490.9	4M49D7W
			CP QPSK	21.13	20.40302	0.110	4.4703	4470.3	4M47G7W
			CP QAM	20.55	19.82302	0.096	4.4703	4470.3	4M47D7W
10	1855	1905	DFT-s PI/2 BPSK	23.3	22.57302	0.181	8.9074	8907.4	8M91G7W
			DFT-s QPSK	23.04	22.31302	0.170	8.9309	8930.9	8M93G7W
			DFT-s QAM	21.5	20.77302	0.119	8.9352	8935.2	8M94D7W
			CP QPSK	21.26	20.53302	0.113	8.9309	8930.9	8M93G7W
			CP QAM	20.42	19.69302	0.093	8.9352	8935.2	8M94D7W
15	1857.5	1902.5	DFT-s PI/2 BPSK	23.55	22.82302	0.192	13.416	13416.0	13M4G7W
			DFT-s QPSK	23.24	22.51302	0.178	13.422	13422.0	13M4G7W
			DFT-s QAM	22.08	21.35302	0.137	13.444	13444.0	13M4D7W
			CP QPSK	21.64	20.91302	0.123	13.422	13422.0	13M4G7W
			CP QAM	21.15	20.42302	0.110	13.422	13422.0	13M4D7W
20	1860	1900	DFT-s PI/2 BPSK	23.35	22.62302	0.183	17.895	17895.0	17M9G7W
			DFT-s QPSK	23.24	22.51302	0.178	17.929	17929.0	17M9G7W
			DFT-s QAM	22.12	21.39302	0.138	17.909	17909.0	17M9D7W
			CP QPSK	21.77	21.04302	0.127	17.929	17929.0	17M9G7W
			CP QAM	21.19	20.46302	0.111	17.909	17909.0	17M9D7W

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_Uplink frequency band : 824 to 849 MHz

Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
5	826.5	846.5	DFT-s PI/2 BPSK	23.18	18.61734	0.073	4.4887	4488.7	4M49G7W
			DFT-s QPSK	23.39	18.82734	0.076	4.4748	4474.8	4M47G7W
			DFT-s QAM	21.8	17.23734	0.053	4.4888	4488.8	4M49D7W
			CP QPSK	21.22	16.65734	0.046	4.4748	4474.8	4M47G7W
			CP QAM	21.02	16.45734	0.044	4.4748	4474.8	4M47D7W
10	829	844	DFT-s PI/2 BPSK	23.11	18.54734	0.072	8.8849	8884.9	8M88G7W
			DFT-s QPSK	22.97	18.40734	0.069	8.9381	8938.1	8M94G7W
			DFT-s QAM	21.65	17.08734	0.051	8.9186	8918.6	8M92D7W
			CP QPSK	21.44	16.87734	0.049	8.9381	8938.1	8M94G7W
			CP QAM	20.54	15.97734	0.040	8.9186	8918.6	8M92D7W
15	831.5	841.5	DFT-s PI/2 BPSK	23.46	18.89734	0.078	13.39	13390.0	13M4G7W
			DFT-s QPSK	23.4	18.83734	0.077	13.401	13401.0	13M4G7W
			DFT-s QAM	22.14	17.57734	0.057	13.393	13393.0	13M4D7W
			CP QPSK	21.81	17.24734	0.053	13.401	13401.0	13M4G7W
			CP QAM	20.55	15.98734	0.040	13.401	13401.0	13M4D7W
20	834	839	DFT-s PI/2 BPSK	23.27	18.70734	0.074	17.855	17855.0	17M9G7W
			DFT-s QPSK	23.36	18.79734	0.076	17.883	17883.0	17M9G7W
			DFT-s QAM	22.22	17.65734	0.058	17.869	17869.0	17M9D7W
			CP QPSK	22.03	17.46734	0.056	17.883	17883.0	17M9G7W
			CP QAM	20.91	16.34734	0.043	17.869	17869.0	17M9D7W

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_Uplink frequency band : 1710 to 1780 MHz

Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
5	1712.5	1777.5	DFT-s PI/2 BPSK	22.22	20.82111	0.121	4.4695	4469.5	4M47G7W
			DFT-s QPSK	22.35	20.95111	0.124	4.4883	4488.3	4M49G7W
			DFT-s QAM	20.19	18.79111	0.076	4.4992	4499.2	4M50D7W
			CP QPSK	20.4	19.00111	0.079	4.4883	4488.3	4M49G7W
			CP QAM	19.47	18.07111	0.064	4.4883	4488.3	4M49D7W
10	1715	1775	DFT-s PI/2 BPSK	22.23	20.83111	0.121	8.9147	8914.7	8M91G7W
			DFT-s QPSK	22.05	20.65111	0.116	8.9439	8943.9	8M94G7W
			DFT-s QAM	20.66	19.26111	0.084	8.9319	8931.9	8M93D7W
			CP QPSK	21.18	19.78111	0.095	8.9439	8943.9	8M94G7W
			CP QAM	20.21	18.81111	0.076	8.9319	8931.9	8M93D7W
15	1717.5	1772.5	DFT-s PI/2 BPSK	22.64	21.24111	0.133	13.404	13404.0	13M4G7W
			DFT-s QPSK	22.36	20.96111	0.125	13.437	13437.0	13M4G7W
			DFT-s QAM	21.17	19.77111	0.095	13.425	13425.0	13M4D7W
			CP QPSK	21.7	20.30111	0.107	13.437	13437.0	13M4G7W
			CP QAM	20.65	19.25111	0.084	13.437	13437.0	13M4D7W
20	1720	1770	DFT-s PI/2 BPSK	22.38	20.98111	0.125	17.894	17894.0	17M9G7W
			DFT-s QPSK	22.27	20.87111	0.122	17.917	17917.0	17M9G7W
			DFT-s QAM	21.16	19.76111	0.095	17.897	17897.0	17M9D7W
			CP QPSK	22.11	20.71111	0.118	17.917	17917.0	17M9G7W
			CP QAM	21.43	20.03111	0.101	17.897	17897.0	17M9D7W
30	1725	1765	DFT-s PI/2 BPSK	22.49	21.09111	0.129	28.616	28616.0	28M6G7W
			DFT-s QPSK	22.4	21.00111	0.126	28.571	28571.0	28M6G7W
			DFT-s QAM	21.37	19.97111	0.099	28.598	28598.0	28M6D7W
			CP QPSK	22.29	20.89111	0.123	28.571	28571.0	28M6G7W
			CP QAM	21.5	20.10111	0.102	28.598	28598.0	28M6D7W
40	1730	1760	DFT-s PI/2 BPSK	22.78	21.38111	0.137	38.559	38559.0	38M6G7W
			DFT-s QPSK	22.65	21.25111	0.133	38.606	38606.0	38M6G7W
			DFT-s QAM	21.59	20.19111	0.104	38.561	38561.0	38M6D7W
			CP QPSK	22.51	21.11111	0.129	38.606	38606.0	38M6G7W
			CP QAM	21.4	20.00111	0.100	38.561	38561.0	38M6D7W

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_Uplink frequency band : 3450 to 3550 MHz									
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
20	3460.02	3540	DFT-s PI/2 BPSK	26.62	26.62	0.459	17.871	17871.0	17M9G7W
			DFT-s QPSK	26.45	26.45	0.442	17.846	17846.0	17M8G7W
			DFT-s QAM	26.32	26.32	0.429	17.844	17844.0	17M8D7W
			CP QPSK	26.42	26.42	0.439	17.846	17846.0	17M8G7W
			CP QAM	26.25	26.25	0.422	17.844	17844.0	17M8D7W
30	3465	3534.99	DFT-s PI/2 BPSK	26.84	26.84	0.483	26.775	26775.0	26M8G7W
			DFT-s QPSK	26.67	26.67	0.465	26.834	26834.0	26M8G7W
			DFT-s QAM	26.54	26.54	0.451	26.822	26822.0	26M8D7W
			CP QPSK	26.56	26.56	0.453	26.834	26834.0	26M8G7W
			CP QAM	26.41	26.41	0.438	26.822	26822.0	26M8D7W
40	3470.01	3529.98	DFT-s PI/2 BPSK	27.01	27.01	0.502	35.779	35779.0	35M8G7W
			DFT-s QPSK	26.96	26.96	0.497	35.818	35818.0	35M8G7W
			DFT-s QAM	26.52	26.52	0.449	35.777	35777.0	35M8D7W
			CP QPSK	26.63	26.63	0.460	35.818	35818.0	35M8G7W
			CP QAM	26.4	26.4	0.437	35.777	35777.0	35M8D7W
60	3480	3519.99	DFT-s PI/2 BPSK	26.49	26.49	0.446	57.756	57756.0	57M8G7W
			DFT-s QPSK	26.43	26.43	0.440	57.814	57814.0	57M8G7W
			DFT-s QAM	26.23	26.23	0.420	57.953	57953.0	58M0D7W
			CP QPSK	26.27	26.27	0.424	57.814	57814.0	57M8G7W
			CP QAM	26.28	26.28	0.425	57.953	57953.0	58M0D7W
80	3490.02	3510	DFT-s PI/2 BPSK	26.41	26.41	0.438	77.093	77093.0	77M1G7W
			DFT-s QPSK	26.36	26.36	0.433	77.182	77182.0	77M2G7W
			DFT-s QAM	26.12	26.12	0.409	77.151	77151.0	77M2D7W
			CP QPSK	26.11	26.11	0.408	77.182	77182.0	77M2G7W
			CP QAM	26.03	26.03	0.401	77.151	77151.0	77M2D7W
100	3500.01	3500.01	DFT-s PI/2 BPSK	26.22	26.22	0.419	96.313	96313.0	96M3G7W
			DFT-s QPSK	26.07	26.07	0.405	96.096	96096.0	96M1G7W
			DFT-s QAM	26.05	26.05	0.403	96.245	96245.0	96M2D7W
			CP QPSK	25.88	25.88	0.387	96.096	96096.0	96M1G7W
			CP QAM	25.84	25.84	0.384	96.245	96245.0	96M2D7W

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_Uplink frequency band : 3700 to 3980 MHz

Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
20	3710.01	3969.99	DFT-s PI/2 BPSK	26.9	26.9	0.490	17.935	17935.0	17M9G7W
			DFT-s QPSK	26.88	26.88	0.488	17.89	17890.0	17M9G7W
			DFT-s QAM	26.76	26.76	0.474	17.994	17994.0	18M0D7W
			CP QPSK	26.75	26.75	0.473	17.89	17890.0	17M9G7W
			CP QAM	26.63	26.63	0.460	17.994	17994.0	18M0D7W
30	3715.02	3765	DFT-s PI/2 BPSK	27.15	27.15	0.519	26.809	26809.0	26M8G7W
			DFT-s QPSK	26.85	26.85	0.484	26.772	26772.0	26M8G7W
			DFT-s QAM	26.78	26.78	0.476	26.83	26830.0	26M8D7W
			CP QPSK	26.8	26.8	0.479	26.772	26772.0	26M8G7W
			CP QAM	26.73	26.73	0.471	26.83	26830.0	26M8D7W
40	3720	3960	DFT-s PI/2 BPSK	26.96	26.96	0.497	35.739	35739.0	35M7G7W
			DFT-s QPSK	26.89	26.89	0.489	35.679	35679.0	35M7G7W
			DFT-s QAM	26.86	26.86	0.485	35.817	35817.0	35M8D7W
			CP QPSK	26.64	26.64	0.461	35.679	35679.0	35M7G7W
			CP QAM	26.57	26.57	0.454	35.817	35817.0	35M8D7W
60	3730.02	3949.98	DFT-s PI/2 BPSK	26.52	26.52	0.449	58.009	58009.0	58M0G7W
			DFT-s QPSK	26.4	26.4	0.437	57.939	57939.0	57M9G7W
			DFT-s QAM	26.25	26.25	0.422	57.958	57958.0	58M0D7W
			CP QPSK	26.5	26.5	0.447	57.939	57939.0	57M9G7W
			CP QAM	26.22	26.22	0.419	57.958	57958.0	58M0D7W
80	3740.01	3939.99	DFT-s PI/2 BPSK	26.44	26.44	0.441	77.149	77149.0	77M1G7W
			DFT-s QPSK	26.28	26.28	0.425	77.258	77258.0	77M3G7W
			DFT-s QAM	26.16	26.16	0.413	77.097	77097.0	77M1D7W
			CP QPSK	26.2	26.2	0.417	77.258	77258.0	77M3G7W
			CP QAM	26.15	26.15	0.412	77.097	77097.0	77M1D7W
100	3750	3930	DFT-s PI/2 BPSK	26.6	26.6	0.457	96.524	96524.0	96M5G7W
			DFT-s QPSK	26.34	26.34	0.431	96.231	96231.0	96M2G7W
			DFT-s QAM	26.27	26.27	0.424	96.529	96529.0	96M5D7W
			CP QPSK	26.23	26.23	0.420	96.231	96231.0	96M2G7W
			CP QAM	26	26	0.398	96.529	96529.0	96M5D7W

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.

MIMO

5G NR Band n77_Part27_Uplink frequency band : 3700 to 3980 MHz

Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
20	3710.01	3969.99	CP QPSK	28.2053028	26.3373028	0.430	18.22	18220.0	18M2G7W
			CP QAM	28.0861317	26.2181317	0.419	18.25	18250.0	18M3D7W
30	3715.02	3765	CP QPSK	28.1756482	26.3076482	0.427	27.885	27885.0	27M9G7W
			CP QAM	28.115441	26.247441	0.421	27.917	27917.0	27M9D7W
40	3720	3960	CP QPSK	28.1956482	26.3276482	0.429	37.876	37876.0	37M9G7W
			CP QAM	28.1204842	26.2524842	0.422	37.959	37959.0	38M0D7W
60	3730.02	3949.98	CP QPSK	28.1808641	26.3128641	0.428	57.895	57895.0	57M9G7W
			CP QAM	28.1155331	26.2475331	0.421	57.81	57810.0	57M8D7W
80	3740.01	3939.99	CP QPSK	28.160346	26.292346	0.426	77.436	77436.0	77M4G7W
			CP QAM	28.1253028	26.2573028	0.422	77.444	77444.0	77M4D7W
100	3750	3930	CP QPSK	28.2003115	26.3323115	0.430	97.477	97477.0	97M5G7W
			CP QAM	27.7467719	25.8787719	0.387	97.45	97450.0	97M5D7W

5G NR Band n77_Part27_Uplink frequency band : 3450 to 3550 MHz

Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
20	3460.02	3540	CP QPSK	27.2104036	25.3424036	0.342	18.228	18228.0	18M2G7W
			CP QAM	26.9757864	25.1077864	0.324	18.28	18280.0	18M3D7W
30	3465	3534.99	CP QPSK	27.470346	25.602346	0.363	27.861	27861.0	27M9G7W
			CP QAM	27.0865691	25.2185691	0.333	27.909	27909.0	27M9D7W
40	3470.01	3529.98	CP QPSK	27.4932466	25.6252466	0.365	37.851	37851.0	37M9G7W
			CP QAM	27.1414511	25.2734511	0.337	37.897	37897.0	37M9D7W
60	3480	3519.99	CP QPSK	27.5660621	25.6980621	0.371	57.808	57808.0	57M8G7W
			CP QAM	27.0159475	25.1479475	0.327	57.884	57884.0	57M9D7W
80	3490.02	3510	CP QPSK	27.1325561	25.2645561	0.336	77.43	77430.0	77M4G7W
			CP QAM	26.6763389	24.8083389	0.303	77.465	77465.0	77M5D7W
100	3500.01	3500.01	CP QPSK	26.9803	25.1123	0.325	97.351	97351.0	97M4G7W
			CP QAM	26.2412324	24.3732324	0.274	97.418	97418.0	97M4D7W

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.

1.5 Test Methodology of Applied Standards

FCC 47 CFR Part 2, 22H, 24E, 27C

ANSI C63.26-2015

KDB971168 D01 Power Meas license Digital System v03r01

KDB412172 D01 Determining ERP and EIRP v01r01

KDB 662911 D01 Multiple Transmitter Output v02r01

1.6 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027	TW3702
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
		Conducted 6		
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028	
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
		Conducted G		

Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

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.

1.7 Special Accessories

No special accessories were used during testing.

1.8 Equipment Modifications

There was no modifications incorporated into the EUT.

1.9 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

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.

2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Conducted Measurement at Antenna Port

The EUT is placed on a table which is 0.8 m above ground plane. A low loss of RF cable was used to connect the antenna port of EUT to measurement equipment.

2.3.2 Radiated Emissions (ERP/EIRP)

The EUT is placed on a turn table, for emission measurements below 1 GHz is 0.8 m above ground plane, for emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

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.

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

Note:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor. Following shows an offset computation in physical test.

Frequency	RF Cable loss (dB)	Attenuation (dB)	Offset (dB)
LB(1GHz below)	4.48	10	14.48
MB(1GHz - 2GHz)	4.02	10	14.02
HB(over 3GHz)	4.72	10	14.72

MIMO

Frequency	RF Cable loss (dB)	Attenuation (dB)	Offset (dB)
HB(over 3GHz)	3.49	10	13.49
HB(over 3GHz)	1.36	10	11.36

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

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

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

2.5 Final Amplifier Voltage and Current Information:

5G NR BAND n2		
CP-OFDM_SCS 15 kHz		
Test mode	AC voltage (V)	AC current (mA)
Bandwidth:5MHz Mod:256QAM	120	35
Bandwidth:10MHz Mod:256QAM	120	33
Bandwidth:15MHz Mod:256QAM	120	38
Bandwidth:20MHz Mod:256QAM	120	36
5G NR BAND n5		
CP-OFDM_SCS 15 kHz		
Test mode	AC voltage (V)	AC current (mA)
Bandwidth:5MHz Mod:256QAM	120	39
Bandwidth:10MHz Mod:256QAM	120	32
Bandwidth:15MHz Mod:256QAM	120	31
Bandwidth:20MHz Mod:256QAM	120	34
5G NR BAND n66		
CP-OFDM_SCS 15 kHz		
Test mode	AC voltage (V)	AC current (mA)
Bandwidth:5MHz Mod:256QAM	120	33
Bandwidth:10MHz Mod:256QAM	120	37
Bandwidth:15MHz Mod:256QAM	120	36
Bandwidth:20MHz Mod:256QAM	120	39
Bandwidth:30MHz Mod:256QAM	120	33
Bandwidth:40MHz Mod:256QAM	120	32
5G NR BAND n77		
CP-OFDM_SCS 30 kHz		
Test mode	AC voltage (V)	AC current (mA)
Bandwidth:20MHz Mod:256QAM	120	34
Bandwidth:30MHz Mod:256QAM	120	35
Bandwidth:40MHz Mod:256QAM	120	32
Bandwidth:60MHz Mod:256QAM	120	33
Bandwidth:80MHz Mod:256QAM	120	32
Bandwidth:100MHz Mod:256QAM	120	34

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

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

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

MIMO

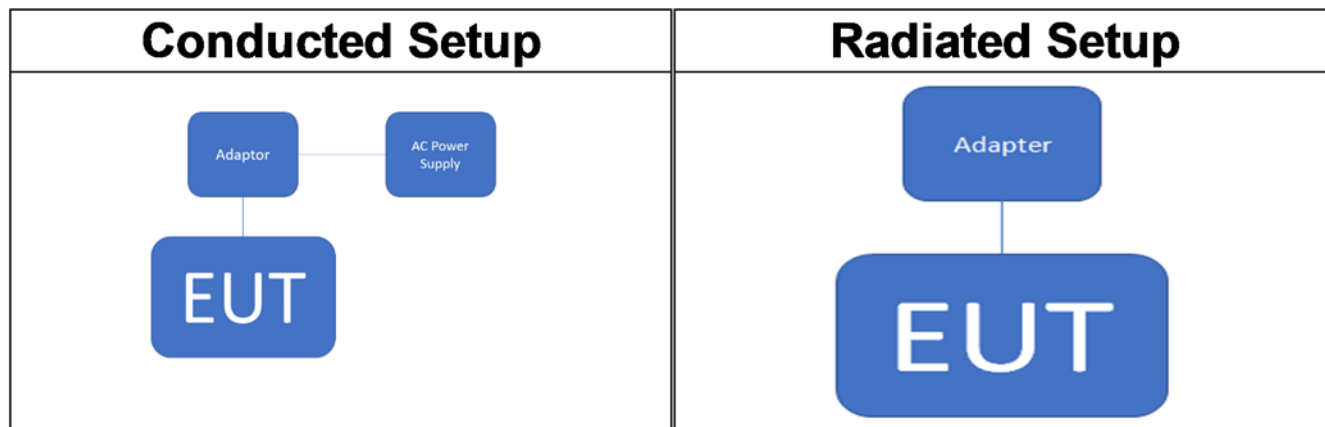
5G NR BAND n77		
CP-OFDM_SCS 30 kHz		
Test mode	AC voltage (V)	AC current (mA)
Bandwidth:20MHz Mod:256QAM	120	34
Bandwidth:30MHz Mod:256QAM	120	28
Bandwidth:40MHz Mod:256QAM	120	32
Bandwidth:60MHz Mod:256QAM	120	36
Bandwidth:80MHz Mod:256QAM	120	31
Bandwidth:100MHz Mod:256QAM	120	30

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.

2.6 Test Configuration



Note: Radio Communication Analyzer is placed in remote side for radiated test.

2.7 Control Unit(s)

Conducted Emission Test Site: Conducted 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R
Switching Adapter	Jiangxi Jian Aohai Technology	A929-120300W-US1	N/A	N/A	N/A

Radiated Emission Test Site: SAC 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
SWITCHING ADAPTER	Jiangxi JianAohai Technology Co.,Ltd	A929-120300W-US1	N/A	N/A	N/A
Test Software	Audix	e3	Ver. 9.210322	N.C.R	N.C.R

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.

3 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§2.1046(a)	RF Power Output	Compliant
§22.913(a)(5) §24.232(c) §27.50(d)(4) §27.50(j)(3) §27.50(k)(3)	ERP/ EIRP measurement	Compliant
§2.1049(h)	99% & 26dB Occupied Band-width	Compliant
§2.1051 §22.917(a)(b) §24.238(a)(b) §27.53(h)(1)(3) §27.53(l)(2) §27.53 (n)(2)	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Compliant
§2.1053 §22.917(a)(b) §24.238(a)(b) §27.53(h) §27.53(l)(2) §27.53 (n)(2)	Field Strength of Spurious Radiation	Compliant
§24.232(d) §27.50(a)(B) §27.50 (k)(4) §27.50(j)(4)	Peak to Average Ratio	Compliant
§2.1055(a)(1) §22.355 §24.235 §27.54	Frequency Stability	Compliant

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.

4 DESCRIPTION OF TEST MODES

4.1 The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.
2. Pre-Scan has been conducted to determine the worst-case scenario from all possible combinations among available modulations, data rates and antenna ports, the worst case configurations listed below for the final test.
3. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

4.2 Measurement Configuration

Test Items	Band	Test Channel			Bandwidth (MHz)										Modulation DFT-s-OFDM					Modulation CP-OFDM				RB #					
		L	M	H	5	10	15	20	30	40	60	80	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full	
Conducted Power	2	v	v	v	v	v	v	v	v					v	v	v	v	v	v	v	v	v				v	v	v	v
Frequency Stability			v						v										v										v
Occupied Bandwidth		v	v	v	v	v	v	v	v					v	v	v	v	v											v
Bandedge		v		v	v	v	v	v	v					v					v				v	v					v
Conducted Emission		v	v	v	v	v	v	v	v					v												v			
CCDF		v	v	v	v	v	v	v	v									v											v
Radiated Emission		v	v	v	v			v						v												v			
Test Items	Band	Test Channel			Bandwidth (MHz)										Modulation DFT-s-OFDM					Modulation CP-OFDM				RB #					
		L	M	H	5	10	15	20	30	40	60	80	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full	
Conducted Power	5	v	v	v	v	v	v	v	v					v	v	v	v	v	v	v	v	v				v	v	v	v
Frequency Stability			v						v										v										v
Occupied Bandwidth		v	v	v	v	v	v	v	v					v	v	v	v	v											v
Bandedge		v		v	v	v	v	v	v					v					v				v	v					v
Conducted Emission		v	v	v	v	v	v	v	v					v												v			
CCDF		v	v	v	v	v	v	v	v									v											v
Radiated Emission		v	v	v	v			v						v												v			
Test Items	Band	Test Channel			Bandwidth (MHz)										Modulation DFT-s-OFDM					Modulation CP-OFDM				RB #					
		L	M	H	5	10	15	20	30	40	60	80	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full	
Conducted Power	66	v	v	v	v	v	v	v	v	v				v	v	v	v	v	v	v	v	v				v	v	v	v
Frequency Stability			v																v										v
Occupied Bandwidth		v	v	v	v	v	v	v	v					v	v	v	v	v											v
Bandedge		v		v	v	v	v	v	v					v					v				v	v					v
Conducted Emission		v	v	v	v	v	v	v	v					v												v			
CCDF		v	v	v	v	v	v	v	v									v											v
Radiated Emission		v	v	v	v						v				v											v			
Test Items	Band	Test Channel			Bandwidth (MHz)										Modulation DFT-s-OFDM					Modulation CP-OFDM				RB #					
		L	M	H	5	10	15	20	30	40	60	80	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full	
Conducted Power	77	v	v	v				v	v	v	v	v	v	v	v	v	v	v	v	v	v	v				v	v	v	v
Frequency Stability			v											v					v										v
Occupied Bandwidth		v	v	v				v	v	v	v	v	v	v	v	v	v	v											v
Mask		v	v	v										v					v				v	v					v
Conducted Emission		v	v	v				v	v	v	v	v	v	v												v			
CCDF		v	v	v				v	v	v	v	v	v					v											v
Radiated Emission		v	v	v					v					v												v			

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 herein 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.

MIMO

Test Items	Band	Test Channel			Bandwidth (MHz)							Modulation CP-OFDM				RB #					
		L	M	H	5	20	30	40	60	80	100	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power	77	v	v	v		v	v	v	v	v	v	v	v	v	v			v	v	v	v
Frequency Stability			v								v	v									v
Occupied Bandwidth		v	v	v		v	v	v	v	v	v										v
Bandedge		v		v		v	v	v	v	v	v										
Mask		v		v								v				v	v				v
Conducted Emission		v	v	v		v	v	v	v	v	v							v			
CCDF		v	v	v		v	v	v	v	v	v										v
Radiated Emission		v	v	v		v						v						v			

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.

ENDC

Band	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation		Resource Block Allocation	
				RB Allocation	RB Offset	RB Allocation	RB Offset
5A_n2A	Low_Mid	10_15	QPSK_2 BPSK	1	0	1	1
13A_n2A	Mid_Mid	10_15	QPSK_2 BPSK	1	0	1	1
66A_n2A	Low_Mid	20_15	QPSK_2 BPSK	1	1	1	1
2A_n5A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
48A_n5A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
66A_n5A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
2A_n66A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
5A_n66A	Low_Low	10_15	QPSK_2 BPSK	1	0	1	1
13A_n66A	Mid_Low	10_15	QPSK_2 BPSK	1	0	1	1
2A_n77A	Low_High	20_30	QPSK_2 BPSK	1	0	1	1
5A_n77A	Low_High	10_30	QPSK_2 BPSK	1	0	1	1
13A_n77A	Mid_High	10_30	QPSK_2 BPSK	1	0	1	1
66A_n77A	Low_High	20_30	QPSK_2 BPSK	1	0	1	1

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.

5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
RF Power Output	+/- 1 dB
ERP/ EIRP measurement	+/- 3 dB
	+/- 3 dB
Emission Bandwidth	+/- 1.53 Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 1.68 dB
Peak to Average Ratio	+/- 1 dB
Frequency Stability vs. Temperature	+/- 1.53 Hz
Frequency Stability vs. Voltage	+/- 1.53 Hz
Temperature	+/- 0.4 °C
Humidity	+/- 3.5 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty		
Polarization: Vertical	+/- 2.57 dB	9kHz~30MHz
	+/- 4.85 dB	30MHz - 1000MHz
	+/- 4.45 dB	1GHz - 18GHz
	+/- 4.24 dB	18GHz - 40GHz
Polarization: Horizontal	+/- 2.57 dB	9kHz~30MHz
	+/- 4.37 dB	30MHz - 1000MHz
	+/- 4.45 dB	1GHz - 18GHz
	+/- 4.24 dB	18GHz - 40GHz

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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 MEASUREMENT EQUIPMENT USED

6.1 Conducted Measurement

Conducted Emission Test Site: Conducted 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/27/2021	04/26/2022
EXA Spectrum Analyzer	Agilent	N9010A	MY53400256	11/12/2021	11/11/2022
Radio Communication Analyer	KEYSIGHT	E7515B	MY60191250	01/14/2022	01/13/2023
AC Power Source	Gwinstek	APS-7050E	GEV171679	09/28/2021	09/27/2022
Attenuator	Mini-Circuit	BW-S10W2+	4	12/14/2021	12/13/2022
DC Block	Mini-Circuits	BLK-18-S+	1	12/14/2021	12/13/2022
Power Divider	RF-LAMBAD	RFLT2W1G18 G	11-JSPF412-017	12/14/2021	12/13/2022

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.

6.2 Radiated Measurement

Radiated Emission Test Site: SAC 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Bi-log Antenna	SCHWARZBECK	VULB9168	300	10/19/2021	10/18/2022
Horn Antenna	SCHWARZBECK	BBHA9120D	D803	12/20/2021	12/19/2022
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT-N0555	01/03/2022	01/02/2023
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/18/2021	05/17/2022
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/16/2021	12/15/2022
Horn Antenna	SCHWARZBECK	BBHA9170	185	08/06/2021	08/05/2022
Site Cal	SGS	SAC I chamber	N/A	01/01/2022	12/31/2022
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071541	07/14/2021	07/13/2022
Signal Generator	R&S	SMBV100A	263084	01/11/2022	01/10/2023
Radio Communication Analyzer	KEYSIGHT	E7515B	MY60191250	01/14/2022	01/13/2023
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2021	10/26/2022
Pre-Amplifier	HP	8449B	3008A01973	12/16/2021	12/15/2022
Pre-Amplifier	HP	8447D	2944A09469	12/16/2021	12/15/2022
Bandreject Filter 800-1000	Micro-Tronics	EWT	M1	12/14/2021	12/13/2022
Bandreject Filter 1700-2000	Micro-Tronics	EWT	M3	12/14/2021	12/13/2022
Bandreject Filter 3300-3800	Micro-Tronics	WI	1	12/14/2021	12/13/2022
4GHz High Pass Filter	WI	WHKX4.0/18G-10SS	22	12/14/2021	12/13/2022
Coaxial Cable	Huber Suhner	succoflex 102	MY2622/2	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	succoflex 104A	800086/4a	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	EMC 104-SM-SM-2000	160123	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 104	160125	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 106	76096/6	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 102	SN 520430/2	12/16/2021	12/15/2022

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 MAXIMUM OUTPUT POWER

7.1 Standard Applicable

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals.

7.1.1 ERP/EIRP LIMIT

According to FCC §2.1046

FCC 22.913(a)

(5) mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

FCC 24.232(c)

Mobile and portable stations are limited to 2 W EIRP.

FCC 27.50(d)

(4) Mobile, and portable (hand-held) stations operating in the 1710-1755 MHz, 1695-1710 MHz and 1755-1780 MHz bands are limited to 1W EIRP.

FCC 27.50(j)(3)

Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

FCC 27.50(k)(3)

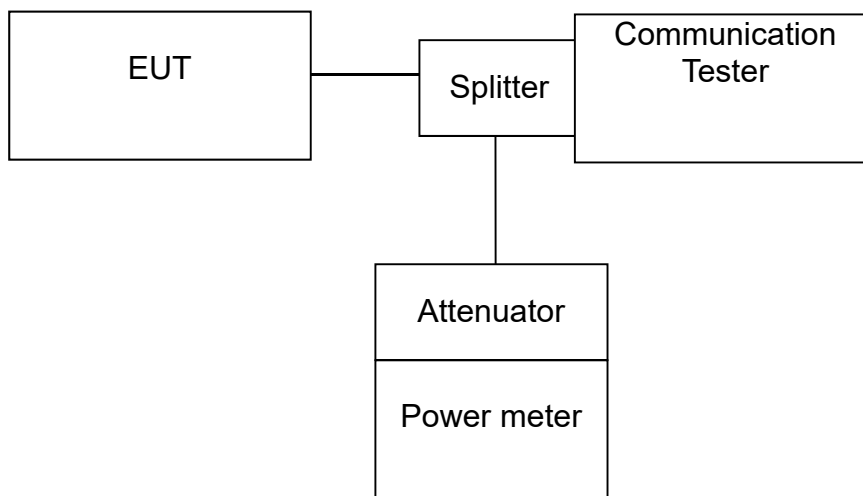
Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

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.

7.2 Test Set-up



Note: Measurement setup for testing on Antenna connector

7.3 Output Power Measurement Applicable Guidance

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results.

All LTE bands conducted average power is obtained from the simulator telecommunication test set.

7.4 Determining ERP and/or EIRP from conducted RF output power measurements

According to KDB 412172 D01 Power Approach,

$$EIRP = P_T + G_T - L_C,$$

$$ERP = EIRP - 2.15,$$

Where:

- ERP or EIRP = effective radiated power or equivalent isotropically radiated power (expressed in the same units as P_T , typically dBW, dBm, or power spectral density (PSD)²), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);
- P_T = transmitter output power, expressed in dBW, dBm, or PSD;
- G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);
- L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

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

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

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

7.5 Measurement Results:

5G NR Band n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.72698		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	370500	376000	381500	370500	376000	381500
					1852.5	1880	1907.5	1852.5	1880	1907.5
5	15	DFT-s PI/2 BPSK	1	1	22.80	23.25	22.91	22.07	22.52	22.18
			1	23	22.30	22.37	22.04	21.57	21.64	21.31
			12	6	22.50	22.51	22.30	21.77	21.78	21.57
			25	0	22.35	22.45	22.03	21.62	21.72	21.30
		DFT-s QPSK	1	1	23.10	23.17	22.84	22.37	22.44	22.11
			1	23	22.45	22.44	22.21	21.72	21.71	21.48
			12	6	22.53	22.56	22.40	21.80	21.83	21.67
			25	0	22.05	21.95	21.72	21.32	21.22	20.99
		DFT-s 16QAM	1	1	21.11	21.66	21.00	20.38	20.93	20.27
		DFT-s 64QAM	1	1	19.88	20.43	20.12	19.15	19.70	19.39
		DFT-s 256QAM	1	1	18.16	18.17	18.09	17.43	17.44	17.36
		CP QPSK	1	1	20.96	21.13	20.95	20.23	20.40	20.22
		CP 16QAM	1	1	20.11	20.55	19.93	19.38	19.82	19.20
		CP 64QAM	1	1	18.94	19.70	19.57	18.21	18.97	18.84
		CP 256QAM	1	1	16.21	16.10	15.96	15.48	15.37	15.23
5G NR Band n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.72698		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	371000	376000	381000	371000	376000	381000
					1855	1880	1905	1855	1880	1905
10	15	DFT-s PI/2 BPSK	1	1	23.30	23.11	22.93	22.57	22.38	22.20
			1	50	22.30	22.23	22.12	21.57	21.50	21.39
			25	12	22.68	22.72	22.56	21.95	21.99	21.83
			50	0	22.66	22.80	22.67	21.93	22.07	21.94
		DFT-s QPSK	1	1	23.04	22.89	22.70	22.31	22.16	21.97
			1	50	22.40	22.44	22.23	21.67	21.71	21.50
			25	12	22.74	22.83	22.65	22.01	22.10	21.92
			50	0	21.91	22.08	21.88	21.18	21.35	21.15
		DFT-s 16QAM	1	1	21.27	21.50	21.32	20.54	20.77	20.59
		DFT-s 64QAM	1	1	20.00	20.01	19.87	19.27	19.28	19.14
		DFT-s 256QAM	1	1	18.34	18.30	18.15	17.61	17.57	17.42
		CP QPSK	1	1	20.92	21.26	21.00	20.19	20.53	20.27
		CP 16QAM	1	1	20.20	19.68	20.42	19.47	18.95	19.69
		CP 64QAM	1	1	19.03	19.33	18.26	18.30	18.60	17.53
		CP 256QAM	1	1	16.38	15.91	16.11	15.65	15.18	15.38

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 n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.72698		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	371500	376000	380500	371500	376000	380500
					1857.5	1880	1902.5	1857.5	1880	1902.5
15	15	DFT-s PI/2 BPSK	1	1	23.43	23.55	23.20	22.70	22.82	22.47
			1	77	22.14	22.45	21.98	21.41	21.72	21.25
			36	18	22.90	22.95	22.83	22.17	22.22	22.10
			75	0	22.54	22.73	22.46	21.81	22.00	21.73
		DFT-s QPSK	1	1	23.24	23.20	23.05	22.51	22.47	22.32
			1	77	22.48	22.87	22.40	21.75	22.14	21.67
			36	18	22.92	22.96	23.00	22.19	22.23	22.27
			75	0	22.35	22.45	22.20	21.62	21.72	21.47
		DFT-s 16QAM	1	1	21.90	22.08	21.99	21.17	21.35	21.26
		DFT-s 64QAM	1	1	20.37	20.45	20.30	19.64	19.72	19.57
		DFT-s 256QAM	1	1	18.42	18.55	18.34	17.69	17.82	17.61
		CP QPSK	1	1	21.60	21.64	21.48	20.87	20.91	20.75
		CP 16QAM	1	1	20.26	21.15	20.28	19.53	20.42	19.55
		CP 64QAM	1	1	19.28	20.36	19.10	18.55	19.63	18.37
		CP 256QAM	1	1	16.70	16.33	16.20	15.97	15.60	15.47

5G NR Band n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.72698		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	372000	376000	380000	372000	376000	380000
					1860	1880	1900	1860	1880	1900
20	15	DFT-s PI/2 BPSK	1	1	23.35	23.25	23.34	22.62	22.52	22.61
			1	104	22.13	22.92	21.81	21.40	22.19	21.08
			50	25	22.95	23.03	22.97	22.22	22.30	22.24
			100	0	22.57	22.68	22.60	21.84	21.95	21.87
		DFT-s QPSK	1	1	23.15	23.24	23.15	22.42	22.51	22.42
			1	104	22.65	22.78	22.50	21.92	22.05	21.77
			50	25	23.19	22.95	22.98	22.46	22.22	22.25
			100	0	22.09	22.19	22.14	21.36	21.46	21.41
		DFT-s 16QAM	1	1	22.12	21.96	21.86	21.39	21.23	21.13
		DFT-s 64QAM	1	1	20.59	20.62	20.50	19.86	19.89	19.77
		DFT-s 256QAM	1	1	18.73	18.83	18.67	18.00	18.10	17.94
		CP QPSK	1	1	21.51	21.69	21.77	20.78	20.96	21.04
		CP 16QAM	1	1	21.06	21.19	20.94	20.33	20.46	20.21
		CP 64QAM	1	1	19.50	19.60	19.52	18.77	18.87	18.79
		CP 256QAM	1	1	16.48	16.54	16.44	15.75	15.81	15.71

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

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

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

5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-2.41266		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
ERP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	165300	167300	169300	165300	167300	169300
					826.5	836.5	846.5	826.5	836.5	846.5
5	15	DFT-s PI/2 BPSK	1	1	23.18	23.01	22.93	18.62	18.45	18.37
			1	23	22.56	22.37	22.23	18.00	17.81	17.67
			12	6	22.92	22.60	22.53	18.36	18.04	17.97
			25	0	22.56	22.25	22.16	18.00	17.69	17.60
		DFT-s QPSK	1	1	23.09	22.99	22.90	18.53	18.43	18.34
			1	23	22.60	22.43	23.39	18.04	17.87	18.83
			12	6	22.74	22.53	22.40	18.18	17.97	17.84
			25	0	22.05	22.00	21.90	17.49	17.44	17.34
		DFT-s 16QAM	1	23	21.80	21.71	21.35	17.24	17.15	16.79
		DFT-s 64QAM	1	23	20.73	20.41	20.18	16.17	15.85	15.62
		DFT-s 256QAM	1	23	18.33	18.36	18.17	13.77	13.80	13.61
		CP QPSK	1	23	21.20	21.22	21.05	16.64	16.66	16.49
		CP 16QAM	1	23	21.02	20.61	20.54	16.46	16.05	15.98
		CP 64QAM	1	23	19.50	19.53	19.53	14.94	14.97	14.97
		CP 256QAM	1	23	16.62	16.54	16.42	12.06	11.98	11.86
5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-2.41266		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
ERP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	165800	167300	168800	165800	167300	168800
					829	836.5	844	829	836.5	844
10	15	DFT-s PI/2 BPSK	1	1	23.06	23.11	22.75	18.50	18.55	18.19
			1	50	22.32	22.14	22.10	17.76	17.58	17.54
			25	12	22.88	22.77	22.58	18.32	18.21	18.02
			50	0	22.86	22.78	22.66	18.30	18.22	18.10
		DFT-s QPSK	1	1	22.97	22.96	22.73	18.41	18.40	18.17
			1	50	22.49	22.26	22.25	17.93	17.70	17.69
			25	12	22.90	22.60	22.66	18.34	18.04	18.10
			50	0	22.18	21.73	21.80	17.62	17.17	17.24
		DFT-s 16QAM	1	1	21.45	21.65	21.18	16.89	17.09	16.62
		DFT-s 64QAM	1	1	20.45	19.97	20.23	15.89	15.41	15.67
		DFT-s 256QAM	1	1	18.53	18.25	18.28	13.97	13.69	13.72
		CP QPSK	1	1	21.44	21.23	21.02	16.88	16.67	16.46
		CP 16QAM	1	1	20.20	20.31	20.54	15.64	15.75	15.98
		CP 64QAM	1	1	19.79	19.32	19.80	15.23	14.76	15.24
		CP 256QAM	1	1	16.90	16.52	16.33	12.34	11.96	11.77

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 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-2.41266		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
ERP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	166300	167300	168300	166300	167300	168300
					831.5	836.5	841.5	831.5	836.5	841.5
15	15	DFT-s PI/2 BPSK	1	1	23.46	23.42	23.30	18.90	18.86	18.74
			1	77	22.25	22.08	21.98	17.69	17.52	17.42
			36	18	23.19	23.10	23.00	18.63	18.54	18.44
			75	0	22.56	22.48	22.38	18.00	17.92	17.82
		DFT-s QPSK	1	1	23.40	23.31	23.22	18.84	18.75	18.66
			1	77	22.60	22.48	22.37	18.04	17.92	17.81
			36	18	23.05	23.08	22.92	18.49	18.52	18.36
			75	0	22.33	22.33	22.22	17.77	17.77	17.66
		DFT-s 16QAM	1	1	22.14	22.13	21.95	17.58	17.57	17.39
		DFT-s 64QAM	1	1	20.48	20.36	20.28	15.92	15.80	15.72
		DFT-s 256QAM	1	1	18.64	18.58	18.56	14.08	14.02	14.00
		CP QPSK	1	1	21.33	21.81	21.65	16.77	17.25	17.09
		CP 16QAM	1	1	20.13	20.54	20.55	15.57	15.98	15.99
		CP 64QAM	1	1	19.21	19.72	19.03	14.65	15.16	14.47
		CP 256QAM	1	1	16.89	16.31	16.86	12.33	11.75	12.30
5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-2.41266		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
ERP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	166800	167300	167800	166800	167300	167800
					834	836.5	839	834	836.5	839
20	15	DFT-s PI/2 BPSK	1	1	23.27	23.22	23.18	18.71	18.66	18.62
			1	104	22.75	22.66	22.64	18.19	18.10	18.08
			50	25	23.26	23.17	22.90	18.70	18.61	18.34
			100	0	22.67	22.62	22.58	18.11	18.06	18.02
		DFT-s QPSK	1	1	23.36	23.28	23.12	18.80	18.72	18.56
			1	104	22.74	22.69	22.73	18.18	18.13	18.17
			50	25	23.18	23.11	23.15	18.62	18.55	18.59
			100	0	22.15	22.09	22.08	17.59	17.53	17.52
		DFT-s 16QAM	1	1	21.98	21.96	22.22	17.42	17.40	17.66
		DFT-s 64QAM	1	1	20.60	20.54	20.44	16.04	15.98	15.88
		DFT-s 256QAM	1	1	18.87	18.81	18.66	14.31	14.25	14.10
		CP QPSK	1	1	21.53	22.03	21.80	16.97	17.47	17.24
		CP 16QAM	1	1	20.90	20.91	20.57	16.34	16.35	16.01
		CP 64QAM	1	1	19.43	19.85	19.53	14.87	15.29	14.97
		CP 256QAM	1	1	16.86	16.25	17.00	12.30	11.69	12.44

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 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	342500	349000	355500	342500	349000	355500
					1712.5	1745	1777.5	1712.5	1745	1777.5
5	15	DFT-s PI/2 BPSK	1	1	21.90	21.96	22.22	20.50	20.56	20.82
			1	23	21.44	21.50	21.48	20.04	20.10	20.08
			12	6	21.40	21.55	21.48	20.00	20.15	20.08
			25	0	21.45	21.56	21.38	20.05	20.16	19.98
		DFT-s QPSK	1	1	22.18	22.35	22.21	20.78	20.95	20.81
			1	23	21.58	21.64	21.60	20.18	20.24	20.20
			12	6	21.52	21.60	21.57	20.12	20.20	20.17
			25	0	21.10	21.23	21.21	19.70	19.83	19.81
		DFT-s 16QAM	1	1	20.18	20.18	20.19	18.78	18.78	18.79
		DFT-s 64QAM	1	1	18.81	18.95	19.25	17.41	17.55	17.85
		DFT-s 256QAM	1	1	17.08	17.20	17.29	15.68	15.80	15.89
		CP QPSK	1	1	20.37	20.38	20.40	18.97	18.98	19.00
		CP 16QAM	1	1	19.08	19.13	19.47	17.68	17.73	18.07
		CP 64QAM	1	1	18.05	17.82	19.15	16.65	16.42	17.75
		CP 256QAM	1	1	15.33	15.66	15.47	13.93	14.26	14.07
5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	343000	349000	355000	343000	349000	355000
					1715	1745	1775	1715	1745	1775
10	15	DFT-s PI/2 BPSK	1	1	22.20	22.00	22.23	20.80	20.60	20.83
			1	50	21.40	21.46	21.44	20.00	20.06	20.04
			25	12	21.61	21.68	21.66	20.21	20.28	20.26
			50	0	21.69	21.64	21.68	20.29	20.24	20.28
		DFT-s QPSK	1	1	22.05	22.05	22.05	20.65	20.65	20.65
			1	50	21.74	21.75	21.75	20.34	20.35	20.35
			25	12	21.54	21.59	21.60	20.14	20.19	20.20
			50	0	21.10	21.17	21.10	19.70	19.77	19.70
		DFT-s 16QAM	1	1	20.64	20.66	20.65	19.24	19.26	19.25
		DFT-s 64QAM	1	1	19.43	19.54	19.49	18.03	18.14	18.09
		DFT-s 256QAM	1	1	17.38	17.55	17.27	15.98	16.15	15.87
		CP QPSK	1	1	21.13	21.18	21.16	19.73	19.78	19.76
		CP 16QAM	1	1	20.21	20.08	20.13	18.81	18.68	18.73
		CP 64QAM	1	1	19.05	19.14	19.00	17.65	17.74	17.60
		CP 256QAM	1	1	17.20	17.18	17.13	15.80	15.78	15.73

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 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	343500	349000	354500	343500	349000	354500
					1717.5	1745	1772.5	1717.5	1745	1772.5
15	15	DFT-s PI/2 BPSK	1	1	22.64	22.35	22.53	21.24	20.95	21.13
			1	77	21.39	21.45	21.49	19.99	20.05	20.09
			36	18	22.11	22.07	22.10	20.71	20.67	20.70
			75	0	21.66	21.83	21.79	20.26	20.43	20.39
		DFT-s QPSK	1	1	22.24	22.32	22.36	20.84	20.92	20.96
			1	77	21.99	22.00	22.10	20.59	20.60	20.70
			36	18	22.10	22.03	22.09	20.70	20.63	20.69
			75	0	21.46	21.60	21.63	20.06	20.20	20.23
		DFT-s 16QAM	1	1	21.10	21.14	21.17	19.70	19.74	19.77
		DFT-s 64QAM	1	1	19.57	19.50	19.54	18.17	18.10	18.14
		DFT-s 256QAM	1	1	17.62	17.57	17.58	16.22	16.17	16.18
		CP QPSK	1	1	21.66	21.70	21.66	20.26	20.30	20.26
		CP 16QAM	1	1	20.65	20.23	20.28	19.25	18.83	18.88
		CP 64QAM	1	1	19.01	18.88	18.92	17.61	17.48	17.52
		CP 256QAM	1	1	17.34	17.25	17.27	15.94	15.85	15.87
5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	344000	349000	354000	344000	349000	354000
					1720	1745	1770	1720	1745	1770
20	15	DFT-s PI/2 BPSK	1	1	22.35	22.34	22.38	20.95	20.94	20.98
			1	104	21.84	21.83	21.89	20.44	20.43	20.49
			50	25	22.10	22.12	22.10	20.70	20.72	20.70
			100	0	21.80	21.86	21.84	20.40	20.46	20.44
		DFT-s QPSK	1	1	22.13	22.26	22.27	20.73	20.86	20.87
			1	104	21.91	21.98	22.05	20.51	20.58	20.65
			50	25	22.15	22.10	22.05	20.75	20.70	20.65
			100	0	21.22	21.38	21.37	19.82	19.98	19.97
		DFT-s 16QAM	1	1	21.08	21.15	21.16	19.68	19.75	19.76
		DFT-s 64QAM	1	1	19.58	19.51	19.54	18.18	18.11	18.14
		DFT-s 256QAM	1	1	17.73	17.69	17.65	16.33	16.29	16.25
		CP QPSK	1	1	22.11	22.07	22.04	20.71	20.67	20.64
		CP 16QAM	1	1	21.28	21.17	21.43	19.88	19.77	20.03
		CP 64QAM	1	1	19.47	19.42	19.49	18.07	18.02	18.09
		CP 256QAM	1	1	17.66	17.61	17.55	16.26	16.21	16.15

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

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

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

5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	345000	349000	353000	345000	349000	353000
					1725	1745	1765	1725	1745	1765
30	15	DFT-s PI/2 BPSK	1	1	22.48	22.45	22.49	21.08	21.05	21.09
			1	158	21.60	21.67	21.65	20.20	20.27	20.25
			80	40	22.22	22.25	22.34	20.82	20.85	20.94
			160	0	21.88	21.87	21.94	20.48	20.47	20.54
		DFT-s QPSK	1	1	22.33	22.32	22.38	20.93	20.92	20.98
			1	158	21.89	21.90	21.93	20.49	20.50	20.53
			80	40	22.34	22.34	22.40	20.94	20.94	21.00
			160	0	21.22	21.22	21.30	19.82	19.82	19.90
		DFT-s 16QAM	1	1	21.33	21.37	21.33	19.93	19.97	19.93
		DFT-s 64QAM	1	1	19.82	19.78	19.80	18.42	18.38	18.40
		DFT-s 256QAM	1	1	17.85	17.84	17.84	16.45	16.44	16.44
		CP QPSK	1	1	22.29	22.09	22.15	20.89	20.69	20.75
		CP 16QAM	1	1	21.19	21.50	20.98	19.79	20.10	19.58
		CP 64QAM	1	1	19.02	18.84	19.11	17.62	17.44	17.71
		CP 256QAM	1	1	17.18	17.77	17.02	15.78	16.37	15.62
5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	346000	349000	352000	346000	349000	352000
					1730	1745	1760	1730	1745	1760
40	15	DFT-s PI/2 BPSK	1	1	22.67	22.78	22.70	21.27	21.38	21.30
			1	214	22.35	22.34	22.39	20.95	20.94	20.99
			108	54	22.43	22.45	22.48	21.03	21.05	21.08
			216	0	21.62	21.70	21.80	20.22	20.30	20.40
		DFT-s QPSK	1	1	22.65	22.50	22.52	21.25	21.10	21.12
			1	214	22.47	22.40	22.49	21.07	21.00	21.09
			108	54	22.49	22.58	22.52	21.09	21.18	21.12
			216	0	21.53	21.60	21.58	20.13	20.20	20.18
		DFT-s 16QAM	1	1	21.56	21.59	21.48	20.16	20.19	20.08
		DFT-s 64QAM	1	1	20.01	20.00	20.70	18.61	18.60	19.30
		DFT-s 256QAM	1	1	18.00	17.98	18.00	16.60	16.58	16.60
		CP QPSK	1	1	22.14	22.51	22.01	20.74	21.11	20.61
		CP 16QAM	1	1	20.60	21.40	20.99	19.20	20.00	19.59
		CP 64QAM	1	1	20.01	19.51	19.69	18.61	18.11	18.29
		CP 256QAM	1	1	17.42	18.24	18.45	16.02	16.84	17.05

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein 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: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.79714		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	630668	633334	636000	630668	633334	636000
					3460.02	3500.01	3540	3460.02	3500.01	3540
20	30	DFT-s PI/2 BPSK	1	1	26.62	26.57	26.47	24.82	24.77	24.67
			1	49	26.29	26.02	26.14	24.49	24.22	24.34
			25	12	26.24	26.23	26.20	24.44	24.43	24.40
			50	0	26.26	26.22	26.13	24.46	24.42	24.33
		DFT-s QPSK	1	1	26.45	26.44	26.32	24.65	24.64	24.52
			1	49	26.38	26.18	26.21	24.58	24.38	24.41
			25	12	26.25	26.22	26.18	24.45	24.42	24.38
			50	0	26.27	26.24	26.20	24.47	24.44	24.40
		DFT-s 16QAM	1	1	26.32	26.26	26.25	24.52	24.46	24.45
		DFT-s 64QAM	1	1	26.30	26.21	26.10	24.50	24.41	24.30
		DFT-s 256QAM	1	1	24.68	24.66	24.48	22.88	22.86	22.68
		CP QPSK	1	1	26.42	26.38	26.28	24.62	24.58	24.48
		CP 16QAM	1	1	26.25	26.20	26.01	24.45	24.40	24.21
		CP 64QAM	1	1	25.80	25.79	25.63	24.00	23.99	23.83
CP 256QAM	1	1	22.97	22.92	22.76	21.17	21.12	20.96		
5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.79714		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631000	633334	635666	631000	633334	635666
					3465	3500.01	3534.99	3465	3500.01	3534.99
30	30	DFT-s PI/2 BPSK	1	1	26.84	26.84	26.67	25.04	25.04	24.87
			1	76	26.45	26.22	26.27	24.65	24.42	24.47
			36	18	26.42	26.22	26.21	24.62	24.42	24.41
			75	0	26.40	26.29	26.28	24.60	24.49	24.48
		DFT-s QPSK	1	1	26.67	26.62	26.50	24.87	24.82	24.70
			1	76	26.55	26.35	26.28	24.75	24.55	24.48
			36	18	26.41	26.25	26.22	24.61	24.45	24.42
			75	0	26.45	26.24	26.25	24.65	24.44	24.45
		DFT-s 16QAM	0	0	26.54	26.49	26.39	24.74	24.69	24.59
		DFT-s 64QAM	0	0	26.47	26.47	26.33	24.67	24.67	24.53
		DFT-s 256QAM	0	0	24.67	24.62	24.51	22.87	22.82	22.71
		CP QPSK	0	0	26.56	26.52	26.34	24.76	24.72	24.54
		CP 16QAM	0	0	26.35	26.41	26.18	24.55	24.61	24.38
		CP 64QAM	0	0	26.03	26.07	25.81	24.23	24.27	24.01
CP 256QAM	0	0	23.15	23.11	22.96	21.35	21.31	21.16		

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

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

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

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.79714		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631334	633334	635332	631334	633334	635332
					3470.01	3500.01	3529.98	3470.01	3500.01	3529.98
40	30	DFT-s PI/2 BPSK	1	1	27.01	26.69	26.39	25.21	24.89	24.59
			1	104	26.51	26.34	26.26	24.71	24.54	24.46
			50	25	26.42	26.24	26.25	24.62	24.44	24.45
			100	0	26.41	26.29	26.30	24.61	24.49	24.50
		DFT-s QPSK	1	1	26.96	26.55	26.35	25.16	24.75	24.55
			1	104	26.48	26.31	26.18	24.68	24.51	24.38
			50	25	26.38	26.28	26.23	24.58	24.48	24.43
			100	0	26.41	26.30	26.28	24.61	24.50	24.48
		DFT-s 16QAM	1	1	26.52	26.52	26.30	24.72	24.72	24.50
		DFT-s 64QAM	1	1	26.46	26.49	26.16	24.66	24.69	24.36
		DFT-s 256QAM	1	1	24.94	24.97	24.75	23.14	23.17	22.95
		CP QPSK	1	1	26.63	26.59	26.35	24.83	24.79	24.55
		CP 16QAM	1	1	26.37	26.40	26.15	24.57	24.60	24.35
		CP 64QAM	1	1	26.23	26.20	25.90	24.43	24.40	24.10
		CP 256QAM	1	1	22.96	23.25	22.94	21.16	21.45	21.14
5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.79714		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632000	633334	634666	632000	633334	634666
					3480	3500.01	3519.99	3480	3500.01	3519.99
60	30	DFT-s PI/2 BPSK	1	1	26.49	26.36	26.24	24.69	24.56	24.44
			1	160	25.88	25.87	25.95	24.08	24.07	24.15
			81	40	26.14	26.07	25.93	24.34	24.27	24.13
			162	0	26.11	26.08	25.99	24.31	24.28	24.19
		DFT-s QPSK	1	1	26.43	26.34	26.15	24.63	24.54	24.35
			1	160	25.80	25.96	26.02	24.00	24.16	24.22
			81	40	26.11	26.09	25.89	24.31	24.29	24.09
			162	0	26.15	26.07	25.92	24.35	24.27	24.12
		DFT-s 16QAM	1	1	26.23	26.19	26.08	24.43	24.39	24.28
		DFT-s 64QAM	1	1	26.16	26.12	26.06	24.36	24.32	24.26
		DFT-s 256QAM	1	1	24.74	24.47	24.36	22.94	22.67	22.56
		CP QPSK	1	1	26.14	26.27	26.02	24.34	24.47	24.22
		CP 16QAM	1	1	26.13	26.11	26.28	24.33	24.31	24.48
		CP 64QAM	1	1	25.86	25.85	25.74	24.06	24.05	23.94
		CP 256QAM	1	1	22.62	22.88	22.79	20.82	21.08	20.99

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: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.79714		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632668	633334	634000	632668	633334	634000
					3490.02	3500.01	3510	3490.02	3500.01	3510
80	30	DFT-s PI/2 BPSK	1	1	26.26	26.41	26.35	24.46	24.61	24.55
			1	215	25.79	25.79	25.86	23.99	23.99	24.06
			108	54	26.06	25.96	25.92	24.26	24.16	24.12
			216	0	26.03	25.98	25.89	24.23	24.18	24.09
		DFT-s QPSK	1	1	26.25	26.36	26.16	24.45	24.56	24.36
			1	215	25.87	25.78	25.76	24.07	23.98	23.96
			108	54	26.02	26.00	25.85	24.22	24.20	24.05
			216	0	26.01	25.96	25.82	24.21	24.16	24.02
		DFT-s 16QAM	1	1	26.09	26.05	26.12	24.29	24.25	24.32
		DFT-s 64QAM	1	1	26.01	26.01	26.02	24.21	24.21	24.22
		DFT-s 256QAM	1	1	24.65	24.49	24.54	22.85	22.69	22.74
		CP QPSK	1	1	25.95	26.11	26.11	24.15	24.31	24.31
		CP 16QAM	1	1	25.90	26.03	25.89	24.10	24.23	24.09
		CP 64QAM	1	1	25.54	25.57	25.83	23.74	23.77	24.03
		CP 256QAM	1	1	22.52	22.83	23.12	20.72	21.03	21.32
5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.79714		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset		633334		0	633334	0
						3500.01		0	3500.01	0
100	30	DFT-s PI/2 BPSK	1	1		26.22		0.00	24.42	0.00
			1	271		25.79		0.00	23.99	0.00
			135	67		25.96		0.00	24.16	0.00
			270	0		25.98		0.00	24.18	0.00
		DFT-s QPSK	1	1		26.07		0.00	24.27	0.00
			1	271		25.79		0.00	23.99	0.00
			135	67		25.97		0.00	24.17	0.00
			270	0		25.93		0.00	24.13	0.00
		DFT-s 16QAM	1	1		26.05		0.00	24.25	0.00
		DFT-s 64QAM	1	1		26.00		0.00	24.20	0.00
		DFT-s 256QAM	1	1		24.43		0.00	22.63	0.00
		CP QPSK	1	1		25.88		0.00	24.08	0.00
		CP 16QAM	1	1		25.84		0.00	24.04	0.00
		CP 64QAM	1	1		25.70		0.00	23.90	0.00
		CP 256QAM	1	1		22.99		0.00	21.19	0.00

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

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

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

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.868		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647334	656000	664666	647334	656000	664666
					3710.01	3840	3969.99	3710.01	3840	3969.99
20	30	DFT-s PI/2 BPSK	1	1	26.62	26.28	26.90	24.75	24.41	25.03
			1	49	26.34	25.96	26.66	24.47	24.09	24.79
			25	12	26.32	26.02	26.68	24.45	24.15	24.81
			50	0	26.36	26.01	26.71	24.49	24.14	24.84
		DFT-s QPSK	1	1	26.59	26.24	26.88	24.72	24.37	25.01
			1	49	26.28	25.91	26.57	24.41	24.04	24.70
			25	12	26.35	25.99	26.69	24.48	24.12	24.82
			50	0	26.35	26.00	26.64	24.48	24.13	24.77
		DFT-s 16QAM	1	1	26.37	26.04	26.76	24.50	24.17	24.89
		DFT-s 64QAM	1	1	26.34	26.00	26.72	24.47	24.13	24.85
		DFT-s 256QAM	1	1	24.84	24.52	25.14	22.97	22.65	23.27
		CP QPSK	1	1	26.43	26.11	26.75	24.56	24.24	24.88
		CP 16QAM	1	1	26.37	26.02	26.63	24.50	24.15	24.76
		CP 64QAM	1	1	26.27	25.96	26.54	24.40	24.09	24.67
		CP 256QAM	1	1	23.30	23.01	23.57	21.43	21.14	21.70
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.868		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647668	656000	664332	647668	656000	664332
					3715.02	3840	3964.98	3715.02	3840	3964.98
30	30	DFT-s PI/2 BPSK	1	1	26.84	26.56	27.15	24.97	24.69	25.28
			1	76	26.37	26.09	26.58	24.50	24.22	24.71
			36	18	26.45	26.12	26.63	24.58	24.25	24.76
			75	0	26.35	26.24	26.64	24.48	24.37	24.77
		DFT-s QPSK	1	1	26.72	26.49	26.85	24.85	24.62	24.98
			1	76	26.40	26.07	26.66	24.53	24.20	24.79
			36	18	26.42	26.10	26.65	24.55	24.23	24.78
			75	0	26.35	26.12	26.73	24.48	24.25	24.86
		DFT-s 16QAM	1	1	26.46	26.33	26.78	24.59	24.46	24.91
		DFT-s 64QAM	1	1	26.44	26.15	26.72	24.57	24.28	24.85
		DFT-s 256QAM	1	1	24.87	24.62	25.01	23.00	22.75	23.14
		CP QPSK	1	1	26.42	26.36	26.80	24.55	24.49	24.93
		CP 16QAM	1	1	26.52	26.24	26.73	24.65	24.37	24.86
		CP 64QAM	1	1	26.05	25.84	26.30	24.18	23.97	24.43
		CP 256QAM	1	1	23.10	22.88	23.50	21.23	21.01	21.63

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: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.868		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648000	656000	664000	648000	656000	664000
					3720	3840	3960	3720	3840	3960
40	30	DFT-s PI/2 BPSK	1	1	26.96	26.70	26.90	25.09	24.83	25.03
			1	104	26.57	26.10	26.46	24.70	24.23	24.59
			50	25	26.49	26.13	26.65	24.62	24.26	24.78
			100	0	26.50	26.13	26.60	24.63	24.26	24.73
		DFT-s QPSK	1	1	26.72	26.49	26.89	24.85	24.62	25.02
			1	104	26.63	26.07	26.46	24.76	24.20	24.59
			50	25	26.49	26.11	26.56	24.62	24.24	24.69
			100	0	26.53	26.14	26.64	24.66	24.27	24.77
		DFT-s 16QAM	1	1	26.62	26.31	26.86	24.75	24.44	24.99
		DFT-s 64QAM	1	1	26.57	26.30	26.68	24.70	24.43	24.81
		DFT-s 256QAM	1	1	25.08	24.81	25.00	23.21	22.94	23.13
		CP QPSK	1	1	26.64	26.37	26.60	24.77	24.50	24.73
		CP 16QAM	1	1	26.57	26.35	26.52	24.70	24.48	24.65
		CP 64QAM	1	1	26.33	25.92	26.17	24.46	24.05	24.30
		CP 256QAM	1	1	23.54	23.15	23.32	21.67	21.28	21.45
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.868		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648668	656000	663332	648668	656000	663332
					3730.02	3840	3949.98	3730.02	3840	3949.98
60	30	DFT-s PI/2 BPSK	1	1	26.52	26.17	26.48	24.65	24.30	24.61
			1	160	26.08	25.72	25.73	24.21	23.85	23.86
			81	40	26.17	25.85	26.08	24.30	23.98	24.21
			162	0	26.12	25.78	26.12	24.25	23.91	24.25
		DFT-s QPSK	1	1	26.29	26.08	26.40	24.42	24.21	24.53
			1	160	26.09	25.68	25.75	24.22	23.81	23.88
			81	40	26.19	25.87	26.10	24.32	24.00	24.23
			162	0	26.13	25.77	26.09	24.26	23.90	24.22
		DFT-s 16QAM	1	1	26.25	25.90	26.07	24.38	24.03	24.20
		DFT-s 64QAM	1	1	26.20	25.84	25.95	24.33	23.97	24.08
		DFT-s 256QAM	1	1	24.52	25.34	24.14	22.65	23.47	22.27
		CP QPSK	1	1	26.50	26.38	26.15	24.63	24.51	24.28
		CP 16QAM	1	1	26.22	26.09	25.83	24.35	24.22	23.96
		CP 64QAM	1	1	25.76	25.62	25.37	23.89	23.75	23.50
		CP 256QAM	1	1	23.05	22.78	22.65	21.18	20.91	20.78

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: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.868		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649334	656000	662666	649334	656000	662666
					3740.01	3840	3939.99	3740.01	3840	3939.99
80	30	DFT-s PI/2 BPSK	1	1	26.44	26.22	26.32	24.57	24.35	24.45
			1	215	26.12	25.67	25.64	24.25	23.80	23.77
			108	54	26.09	25.87	26.02	24.22	24.00	24.15
			216	0	26.07	25.80	26.07	24.20	23.93	24.20
		DFT-s QPSK	1	1	26.22	26.08	26.28	24.35	24.21	24.41
			1	215	26.07	25.65	25.62	24.20	23.78	23.75
			108	54	26.07	25.79	25.99	24.20	23.92	24.12
			216	0	26.10	25.76	26.04	24.23	23.89	24.17
		DFT-s 16QAM	1	1	26.16	25.90	26.02	24.29	24.03	24.15
		DFT-s 64QAM	1	1	26.15	25.85	25.79	24.28	23.98	23.92
		DFT-s 256QAM	1	1	24.49	25.08	24.08	22.62	23.21	22.21
		CP QPSK	1	1	26.20	26.04	25.73	24.33	24.17	23.86
		CP 16QAM	1	1	26.15	25.99	25.71	24.28	24.12	23.84
		CP 64QAM	1	1	25.77	25.58	25.37	23.90	23.71	23.50
		CP 256QAM	1	1	22.92	22.74	22.42	21.05	20.87	20.55
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.868		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	650000	656000	662000	650000	656000	662000
					3750	3840	3930	3750	3840	3930
100	30	DFT-s PI/2 BPSK	1	1	26.60	26.16	26.25	24.73	24.29	24.38
			1	271	26.04	26.14	25.96	24.17	24.27	24.09
			135	67	26.25	25.71	26.13	24.38	23.84	24.26
			270	0	26.26	25.81	26.15	24.39	23.94	24.28
		DFT-s QPSK	1	1	26.34	26.12	26.18	24.47	24.25	24.31
			1	271	26.00	25.84	25.90	24.13	23.97	24.03
			135	67	26.11	25.64	26.15	24.24	23.77	24.28
			270	0	26.09	25.63	25.79	24.22	23.76	23.92
		DFT-s 16QAM	1	1	26.27	26.00	26.08	24.40	24.13	24.21
		DFT-s 64QAM	1	1	26.22	25.97	25.93	24.35	24.10	24.06
		DFT-s 256QAM	1	1	25.25	24.62	24.40	23.38	22.75	22.53
		CP QPSK	1	1	26.23	25.95	25.54	24.36	24.08	23.67
		CP 16QAM	1	1	26.00	25.85	25.42	24.13	23.98	23.55
		CP 64QAM	1	1	25.58	25.47	25.40	23.71	23.60	23.53
		CP 256QAM	1	1	22.71	22.55	22.41	20.84	20.68	20.54

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.

MIMO

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	630668	633334	636000	630668	633334	636000
					3460.02	3500.01	3540	3460.02	3500.01	3540
20	30	CP QPSK	1	1	27.14	27.17	27.21	28.74	28.77	28.81
			1	49	26.99	26.03	26.08	28.59	27.63	27.68
			25	12	26.86	27.00	26.98	28.46	28.60	28.58
			51	0	25.91	25.92	25.99	27.51	27.52	27.59
		CP 16QAM	1	1	26.93	26.95	26.98	28.53	28.55	28.58
		CP 64QAM	1	1	25.33	25.45	25.39	26.93	27.05	26.99
		CP 256QAM	1	1	22.59	22.85	22.65	24.19	24.45	24.25

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631000	633334	635666	631000	633334	635666
					3465	3500.01	3534.99	3465	3500.01	3534.99
30	30	CP QPSK	1	1	27.26	27.20	27.47	28.86	28.80	29.07
			1	76	26.06	26.15	26.09	27.66	27.75	27.69
			39	19	26.98	27.08	27.12	28.58	28.68	28.72
			78	0	25.97	26.12	26.18	27.57	27.72	27.78
		CP 16QAM	1	1	27.05	27.08	27.09	28.65	28.68	28.69
		CP 64QAM	1	1	25.61	25.62	25.52	27.21	27.22	27.12
		CP 256QAM	1	1	22.90	22.98	22.92	24.50	24.58	24.52

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631334	633334	635332	631334	633334	635332
					3470.01	3500.01	3529.98	3470.01	3500.01	3529.98
40	30	CP QPSK	1	1	27.37	27.38	27.49	28.97	28.98	29.09
			1	104	26.06	26.11	25.92	27.66	27.71	27.52
			53	26	26.90	27.06	27.17	28.50	28.66	28.77
			106	0	26.07	26.10	26.16	27.67	27.70	27.76
		CP 16QAM	1	1	27.09	27.14	26.90	28.69	28.74	28.50
		CP 64QAM	1	1	25.60	25.61	25.42	27.20	27.21	27.02
		CP 256QAM	1	1	22.93	23.24	23.00	24.53	24.84	24.60

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: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632000	633334	634666	632000	633334	634666
					3480	3500.01	3519.99	3480	3500.01	3519.99
60	30	CP QPSK	1	1	27.08	27.57	27.09	28.68	29.17	28.69
			1	160	25.90	25.86	25.95	27.50	27.46	27.55
			81	40	26.85	26.93	26.87	28.45	28.53	28.47
			162	0	25.93	25.86	25.90	27.53	27.46	27.50
		CP 16QAM	1	1	26.68	27.02	26.78	28.28	28.62	28.38
		CP 64QAM	1	1	25.11	26.80	25.23	26.71	28.40	26.83
		CP 256QAM	1	1	22.22	22.34	22.66	23.82	23.94	24.26
5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632668	633334	634000	632668	633334	634000
					3490.02	3500.01	3510	3490.02	3500.01	3510
80	30	CP QPSK	1	1	26.79	27.00	27.13	28.39	28.60	28.73
			1	215	25.79	25.77	25.84	27.39	27.37	27.44
			109	54	26.62	26.77	26.78	28.22	28.37	28.38
			217	0	25.81	25.76	25.79	27.41	27.36	27.39
		CP 16QAM	1	1	26.68	26.61	26.47	28.28	28.21	28.07
		CP 64QAM	1	1	25.45	25.13	25.50	27.05	26.73	27.10
		CP 256QAM	1	1	21.77	22.56	24.18	23.37	24.16	25.78
5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset		633334		0	633334	0
						3500.01		0	3500.01	0
100	30	CP QPSK	1	1		26.98		0.00	28.58	0.00
			1	271		25.80		0.00	27.40	0.00
			137	68		26.83		0.00	28.43	0.00
			273	0		25.67		0.00	27.27	0.00
		CP 16QAM	1	1		26.24		0.00	27.84	0.00
		CP 64QAM	1	1		25.02		0.00	26.62	0.00
		CP 256QAM	1	1		22.65		0.00	24.25	0.00

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

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

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

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.78		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647334	656000	664666	647334	656000	664666
					3710.01	3840	3969.99	3710.01	3840	3969.99
20	30	CP QPSK	1	1	28.20	27.56	28.21	29.98	29.34	29.99
			1	49	28.12	27.25	28.00	29.90	29.03	29.78
			25	12	28.10	27.36	27.96	29.88	29.14	29.74
			51	0	27.19	26.31	27.00	28.97	28.09	28.78
		CP 16QAM	1	1	28.02	27.38	28.09	29.80	29.16	29.87
		CP 64QAM	1	1	26.91	25.76	26.63	28.69	27.54	28.41
		CP 256QAM	1	1	23.93	23.11	23.62	25.71	24.89	25.40
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.78		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647668	656000	664332	647668	656000	664332
					3715.02	3840	3964.98	3715.02	3840	3964.98
30	30	CP QPSK	1	1	28.16	27.18	28.18	29.94	28.96	29.96
			1	76	27.28	25.96	27.02	29.06	27.74	28.80
			39	19	28.15	27.00	28.00	29.93	28.78	29.78
			78	0	27.19	25.98	26.98	28.97	27.76	28.76
		CP 16QAM	1	1	28.12	27.11	27.94	29.90	28.89	29.72
		CP 64QAM	1	1	26.80	25.32	26.27	28.58	27.10	28.05
		CP 256QAM	1	1	24.19	22.63	23.55	25.97	24.41	25.33
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.78		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648000	656000	664000	648000	656000	664000
					3720	3840	3960	3720	3840	3960
40	30	CP QPSK	1	1	28.18	27.62	28.20	29.96	29.40	29.98
			1	104	27.23	26.01	27.01	29.01	27.79	28.79
			53	26	28.16	26.95	27.98	29.94	28.73	29.76
			106	0	27.20	26.01	26.90	28.98	27.79	28.68
		CP 16QAM	1	1	28.12	27.45	28.00	29.90	29.23	29.78
		CP 64QAM	1	1	26.89	25.81	26.47	28.67	27.59	28.25
		CP 256QAM	1	1	24.31	22.97	23.56	26.09	24.75	25.34

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

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

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

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.78		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648668	656000	663332	648668	656000	663332
					3730.02	3840	3949.98	3730.02	3840	3949.98
60	30	CP QPSK	1	1	28.18	27.36	27.87	29.96	29.14	29.65
			1	160	27.11	25.95	26.72	28.89	27.73	28.50
			81	40	28.06	26.95	27.58	29.84	28.74	29.36
			162	0	27.11	25.93	26.97	28.89	27.71	28.75
		CP 16QAM	1	1	28.12	27.30	27.69	29.90	29.08	29.47
		CP 64QAM	1	1	26.96	25.52	26.43	28.74	27.30	28.21
		CP 256QAM	1	1	24.34	22.77	23.38	26.12	24.55	25.16
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.78		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649334	656000	662666	649334	656000	662666
					3740.01	3840	3939.99	3740.01	3840	3939.99
80	30	CP QPSK	1	1	28.16	27.57	27.91	29.94	29.35	29.69
			1	215	26.95	25.91	26.83	28.73	27.69	28.61
			109	54	27.94	26.95	27.79	29.72	28.73	29.57
			217	0	26.81	25.99	26.79	28.59	27.77	28.57
		CP 16QAM	1	1	28.13	27.20	27.46	29.91	28.98	29.24
		CP 64QAM	1	1	26.60	26.05	25.56	28.38	27.83	27.34
		CP 256QAM	1	1	23.84	22.85	22.92	25.62	24.64	24.70
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			1.78		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	650000	656000	662000	650000	656000	662000
					3750	3840	3930	3750	3840	3930
100	30	CP QPSK	1	1	28.20	27.57	27.81	29.98	29.35	29.59
			1	271	26.87	26.02	26.56	28.65	27.80	28.34
			137	68	27.84	26.93	27.08	29.62	28.71	28.86
			273	0	26.85	25.97	26.61	28.63	27.75	28.39
		CP 16QAM	1	1	27.75	27.45	27.45	29.53	29.23	29.23
		CP 64QAM	1	1	26.72	25.80	25.79	28.50	27.59	27.57
		CP 256QAM	1	1	24.20	22.87	23.00	25.98	24.65	24.78

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。

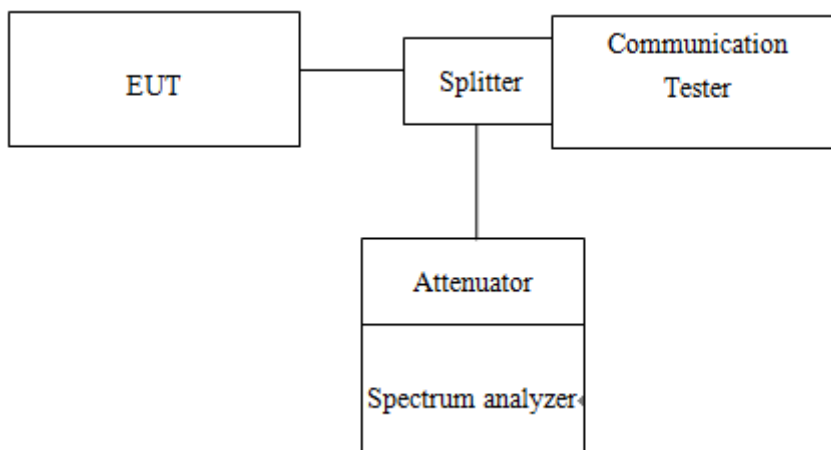
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>.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

8 OCCUPIED BANDWIDTH MEASUREMENT

8.1 Standard Applicable

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.

8.2 Test Set-up



8.3 Measurement Procedure

99% &26dB Bandwidth with detector peak

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% of emission BW, VBW= 3 times RBW, -26dBc display line was placed on the screen (or 26dB bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace. Then set RBW to 99% bandwidth, RBW= 1%, VBW= 3 * RBW, with span > 2 * Signal BW, set % Power = 99%.

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.

8.4 Measurement Result

5G NR BAND n2 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1852.5	370500	4.4726	4.4703	4.4860	4.4734	4.4834	4.9160	5.0020	5.0410	5.0050	5.0570
1880.0	376000	4.4771	4.4676	4.4746	4.4781	4.4909	4.9900	4.9940	4.9240	4.9880	5.1060
1907.5	381500	4.4731	4.4663	4.4841	4.4779	4.4751	5.0910	5.0600	4.9580	4.9550	5.0080
5G NR BAND n2 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1855	371000	8.9051	8.9309	8.9034	8.9108	8.9133	9.5360	9.5880	9.4910	9.6430	9.5300
1880	376000	8.9074	8.9209	8.9196	8.9340	8.9228	9.4990	9.4930	9.6790	9.5370	9.5360
1905	381000	8.9051	8.9116	8.9047	8.9352	8.9176	9.4990	9.5940	9.5730	9.5740	9.5900
5G NR BAND n2 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1857.5	371500	13.3930	13.4160	13.4440	13.4110	13.4330	14.2200	14.1900	14.1600	14.1900	14.4600
1880.0	376000	13.4160	13.4220	13.4440	13.4170	13.4220	14.3000	14.3100	14.2100	14.3300	14.1700
1902.5	380500	13.3900	13.4160	13.4060	13.3910	13.4300	14.0800	14.2600	14.1000	14.1200	14.2000
5G NR BAND n2 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1860.0	372000	17.8830	17.8960	17.8840	17.8910	17.8890	18.8100	18.7200	18.6800	18.7300	18.7000
1880.0	376000	17.8950	17.9290	17.9050	17.9090	17.9050	18.9100	18.8600	18.8100	18.7400	18.7100
1900.0	380000	17.8630	17.8760	17.8760	17.8560	17.8580	18.9400	18.7300	18.8200	18.7600	18.6800
5G NR BAND n5 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
826.5	165300	4.4887	4.4748	4.4728	4.4788	4.4633	4.7300	5.1110	4.9530	5.0170	4.9220
836.5	167300	4.4819	4.4692	4.4835	4.4717	4.4888	4.6350	5.0290	5.0010	4.9780	5.0310
846.5	169300	4.4645	4.4641	4.4741	4.4684	4.4704	5.0220	5.0530	5.0740	4.9350	5.0310

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 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
829	165800	8.8789	8.8780	8.8958	8.8834	8.8983	9.5490	9.4820	9.4890	9.4600	9.6050
836.5	167300	8.8849	8.8923	8.9186	8.9155	8.9016	9.4720	9.4680	9.5720	9.6140	9.5160
844	168800	8.8830	8.9381	8.8950	8.9147	8.8953	9.5270	9.4940	9.5480	9.5810	9.5420
5G NR BAND n5 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
831.5	166300	13.3690	13.3840	13.3780	13.3740	13.3630	14.1800	14.1900	14.1100	14.2900	14.0900
836.5	167300	13.3830	13.3920	13.3770	13.3830	13.3740	13.9900	14.1700	14.1400	14.2100	14.2000
841.5	168300	13.3900	13.4010	13.3930	13.3900	13.3930	14.0700	14.3400	14.2800	14.1600	14.2400
5G NR BAND n5 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
834.0	166800	17.8330	17.8600	17.8630	17.8280	17.8190	18.7500	18.6100	18.6700	18.6700	18.7400
836.5	167300	17.8400	17.8490	17.8690	17.8450	17.8340	18.7200	18.8000	18.7900	18.8600	18.6800
839.0	167800	17.8550	17.8830	17.8510	17.8490	17.8240	18.7500	18.6800	18.7300	18.6800	18.6600
5G NR BAND n66 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1712.5	342500	4.4695	4.4883	4.4558	4.4949	4.4870	4.9370	4.8950	4.7750	5.0950	5.0690
1745.0	349000	4.4613	4.4868	4.4587	4.4841	4.4837	4.9710	4.8880	4.7830	5.1110	5.0660
1777.5	355500	4.4681	4.4865	4.4593	4.4992	4.4863	5.0530	4.8430	4.7980	5.1300	5.0800
5G NR BAND n66 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1715	343000	8.8885	8.9439	8.9243	8.9319	8.8922	9.5840	9.6270	9.6030	9.7110	9.7450
1745	349000	8.9147	8.9428	8.8958	8.9145	8.9226	9.5880	9.4970	9.5090	9.5030	9.5030
1775	355000	8.9017	8.9067	8.9097	8.9184	8.9032	9.5120	9.6140	9.6710	9.6260	9.5770
5G NR BAND n66 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1717.5	343500	13.4040	13.4230	13.4160	13.3950	13.4250	13.9600	14.2600	14.1900	14.3300	14.0200
1745.0	349000	13.3890	13.4370	13.3630	13.4000	13.4030	14.3800	14.2700	13.8700	14.2400	14.2200
1772.5	354500	13.3840	13.3940	13.4240	13.3900	13.4250	14.1700	14.2200	14.1500	14.1700	14.2300

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 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1720.0	344000	17.8940	17.9170	17.8810	17.8740	17.8610	18.7300	18.6400	18.8900	18.8500	18.6200
1745.0	349000	17.8930	17.9140	17.8900	17.8840	17.8840	18.8300	18.7300	18.8500	18.7200	18.6900
1770.0	354000	17.8810	17.8900	17.8970	17.8730	17.8750	18.8100	18.9400	18.8100	18.7400	18.6500
5G NR BAND n66 Channel bandwidth: 30MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1725.0	345000	28.5740	28.5120	28.5600	28.5940	28.5680	29.6600	29.6400	29.6100	29.6800	29.6300
1745.0	349000	28.6160	28.5710	28.5780	28.5710	28.5980	29.6900	29.7600	29.6200	29.5700	29.6900
1765.0	353000	28.5600	28.5610	28.5420	28.5590	28.5190	29.6600	29.6700	29.6300	29.7800	29.6600
5G NR BAND n66 Channel bandwidth: 40MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1730.0	346000	38.4420	38.4960	38.4860	38.4950	38.4980	40.0700	40.0000	39.9100	39.9300	39.9400
1745.0	349000	38.5590	38.6060	38.5410	38.5540	38.5390	40.1000	40.0300	40.0300	39.8700	40.0300
1760.0	352000	38.4880	38.5920	38.5080	38.5610	38.5430	39.9900	39.9100	39.9100	39.9800	39.9900
5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3460.02	630668	17.852	17.824	17.822	17.833	17.844	19.32	19.38	19.26	19.13	19.39
3500.01	633334	17.854	17.829	17.813	17.834	17.842	19.26	19.11	19.21	19.17	19.4
3540	636000	17.871	17.846	17.834	17.837	17.832	19.08	19.45	19.41	19.07	19.52
5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3465	631000	26.775	26.825	26.794	26.793	26.785	28.47	28.63	28.58	28.65	28.29
3500.01	633334	26.762	26.833	26.803	26.807	26.788	28.46	28.45	28.48	28.51	28.56
3534.99	635666	26.772	26.834	26.802	26.822	26.783	28.43	28.6	28.64	28.62	28.62

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

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

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

5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3470.01	631334	35.721	35.8	35.731	35.742	35.713	37.42	37.77	37.84	37.6	37.92
3500.01	633334	35.748	35.818	35.734	35.774	35.725	37.69	37.84	37.71	37.8	37.93
3529.98	635332	35.779	35.763	35.708	35.777	35.74	37.54	37.67	37.94	37.76	37.81
5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3480	632000	57.756	57.71	57.747	57.711	57.769	60.28	60.42	60.19	60.39	60.1
3500.01	633334	57.74	57.646	57.953	57.829	57.809	60.37	60.29	60.29	60.63	60.23
3519.99	634666	57.728	57.814	57.701	57.784	57.742	60.35	60.23	60.5	60.42	60.23
5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3490.02	632668	77.014	77.055	77.151	77.052	77.041	80.07	79.92	80.06	80.15	80.32
3500.01	633334	77.025	77.127	76.948	76.98	76.948	79.94	80.25	80.13	80.1	80.09
3510	634000	77.093	77.182	76.983	77.051	76.994	80.09	80.06	80.09	79.89	80.03
5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3500.01	633334	96.313	96.096	96.245	96.132	96.229	99.85	99.76	99.8	99.84	99.85

5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3710.0	647334	17.9350	17.8900	17.9940	17.8580	17.8290	18.5700	18.8100	18.7200	19.0600	18.8300
3840.0	656000	17.9190	17.8200	17.8530	17.8600	17.8960	18.3900	19.0200	19.1400	19.0200	19.0200
3970.0	664666	17.6470	17.7600	17.8340	17.7620	17.8080	18.6200	19.1300	19.2900	19.2800	18.5800

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 Channel bandwidth: 30MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3715.0	647668	26.7020	26.7530	26.7750	26.7210	26.8300	27.8800	28.3400	27.8200	27.8600	28.5100
3840.0	656000	26.8090	26.7120	26.7940	26.7370	26.7600	27.9900	27.8000	27.9100	28.4500	27.8900
3965.0	664332	26.7020	26.7720	26.7520	26.7130	26.7220	28.4000	28.3200	27.9800	27.9200	28.2100
5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3720.0	648000	35.7390	35.6330	35.7240	35.6770	35.7400	36.9700	37.0600	36.9700	37.1500	37.2600
3840.0	656000	35.5410	35.6790	35.6310	35.7030	35.8170	37.6700	37.1300	37.3800	37.3700	37.5000
3960.0	664000	35.7150	35.6330	35.8000	35.7630	35.6310	37.1400	37.3800	37.3200	37.0900	37.4300
5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3730.0	648668	57.8350	57.5260	57.9580	57.8710	57.9030	59.7400	59.7600	59.9100	59.9000	59.8100
3840.0	656000	57.8550	57.8740	57.7970	57.7860	57.7600	59.8300	59.6500	59.9400	59.8200	59.9400
3950.0	663332	58.0090	57.9390	57.8460	57.9350	57.6410	59.7700	59.8400	59.9000	59.9300	59.7100
5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3740.0	649334	77.1190	76.9060	76.8510	77.0970	76.9330	79.8300	79.5500	79.7000	79.5000	79.4800
3840.0	656000	77.1490	76.7260	76.9610	76.9530	76.8710	79.6700	79.5900	79.3100	79.5800	79.5500
3940.0	662666	76.9840	77.2580	76.9220	76.9600	76.9350	79.5100	79.4300	79.7800	79.5000	79.6900
5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3750.0	650000	96.5240	96.2310	96.3340	96.3200	96.3610	99.5900	99.3000	99.4800	99.3400	99.6400
3840.0	656000	96.4110	96.1390	96.2130	96.2420	94.9390	99.4600	99.6700	99.5500	99.4300	99.3200
3930.0	662000	95.9970	96.0730	96.3950	96.3860	96.5290	99.4900	99.3800	99.6400	99.3400	99.2700

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.

MIMO

5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3450 to 3550 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3460.02	630668	18.198	18.258	18.218	18.249	19.8	19.82	19.59	19.6
3500.01	633334	18.228	18.28	18.198	18.17	19.92	19.92	19.66	19.56
3540	636000	18.183	18.257	18.206	18.204	19.79	19.9	19.87	19.55
5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3450 to 3550 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3465	631000	27.861	27.843	27.866	27.827	29.83	29.7	29.85	29.44
3500.01	633334	27.852	27.909	27.877	27.858	29.76	29.67	29.55	29.57
3534.99	635666	27.819	27.844	27.854	27.798	29.7	29.49	29.68	29.67
5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3450 to 3550 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3470.01	631334	37.851	37.803	37.884	37.897	39.86	39.86	40.05	39.97
3500.01	633334	37.824	37.802	37.873	37.824	40.16	39.82	40.12	39.82
3529.98	635332	37.828	37.786	37.841	37.768	39.95	39.86	40.06	40.06
5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3450 to 3550 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3480	632000	57.699	57.776	57.762	57.795	60.26	60.25	60.35	60.48
3500.01	633334	57.774	57.884	57.729	57.859	60.35	60.56	60.41	60.36
3519.99	634666	57.808	57.811	57.877	57.774	60.34	60.46	60.46	60.48

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 Channel bandwidth: 80MHz(3450 to 3550 MHz)

CP_OFDM_SCS 30 kHz

Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3490.02	632668	77.43	77.371	77.349	77.385	80.66	80.56	80.39	80.49
3500.01	633334	77.303	77.383	77.312	77.314	80.47	80.5	80.21	80.53
3510	634000	77.33	77.357	77.465	77.306	80.58	80.42	80.61	80.56

5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3450 to 3550 MHz)

CP_OFDM_SCS 30 kHz

Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3500.01	633334	97.351	97.392	97.355	97.418	100.73	101.04	101.02	101.01

5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3700 to 3980 MHz)

CP_OFDM_SCS 30 kHz

Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3710.0	647334	18.2050	18.2410	18.2030	18.1460	19.5500	19.4500	19.4100	19.4200
3840.0	656000	18.1870	18.2500	18.1870	18.1650	19.7500	19.5800	19.4400	19.5900
3970.0	664666	18.2200	18.1970	18.1850	18.1890	19.6300	19.4100	19.5200	19.4600

5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3700 to 3980 MHz)

CP_OFDM_SCS 30 kHz

Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3715.0	647668	27.8250	27.8290	27.9170	27.8380	29.6000	29.2900	29.7200	29.6400
3840.0	656000	27.8850	27.8060	27.7990	27.8430	29.7900	29.6100	29.3300	29.1300
3965.0	664332	27.8430	27.8210	27.7890	27.8910	29.4700	29.5600	29.3600	29.4200

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.

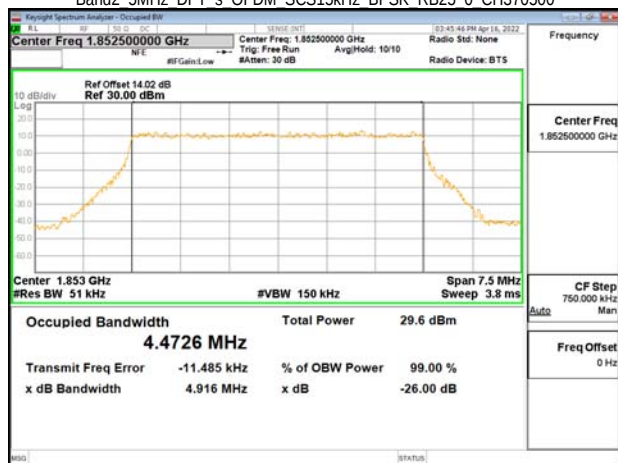
5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3700 to 3980 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3720.0	648000	37.8760	37.7310	37.8870	37.7670	39.6900	39.4400	39.7400	39.9100
3840.0	656000	37.8330	37.8470	37.8360	37.9590	39.5900	39.5700	39.6800	39.9000
3960.0	664000	37.8010	37.7520	37.7870	37.8040	39.8500	39.8000	39.8700	39.6100
5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3700 to 3980 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3730.0	648668	57.8950	57.7990	57.6540	57.7490	60.1200	60.3900	60.0400	60.0200
3840.0	656000	57.6940	57.7950	57.7280	57.7020	60.1900	60.0200	60.0700	59.9500
3950.0	663332	57.8120	57.7890	57.8100	57.8100	60.1000	60.3800	60.0900	59.9400
5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3700 to 3980 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3740.0	649334	77.4360	77.3100	77.4410	77.3990	80.4600	80.3700	80.0700	80.4000
3840.0	656000	77.3190	77.3530	77.2620	77.1540	80.3300	80.1400	80.0900	80.2400
3940.0	662666	77.3600	77.2810	77.4440	77.3210	79.9600	80.0800	81.0000	80.1100
5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3700 to 3980 MHz)									
CP_OFDM_SCS 30 kHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3750.0	650000	97.4770	97.3870	97.1610	97.3140	100.6600	100.6900	100.5700	100.6500
3840.0	656000	97.2830	97.2230	97.3450	97.1820	100.5800	100.5900	100.6100	100.5600
3930.0	662000	97.2890	97.4170	97.4500	97.3160	100.4800	100.6200	100.6100	100.6800

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.

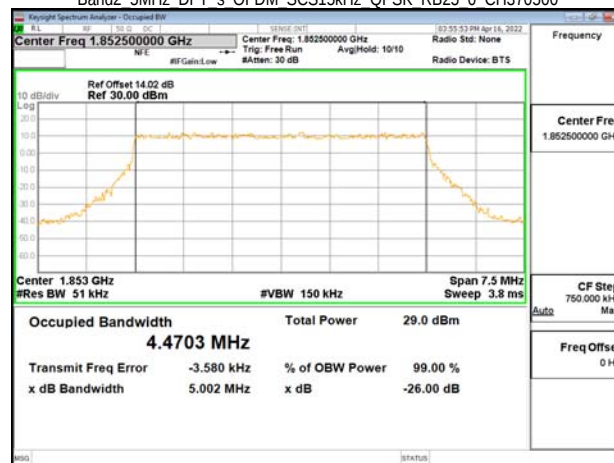
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

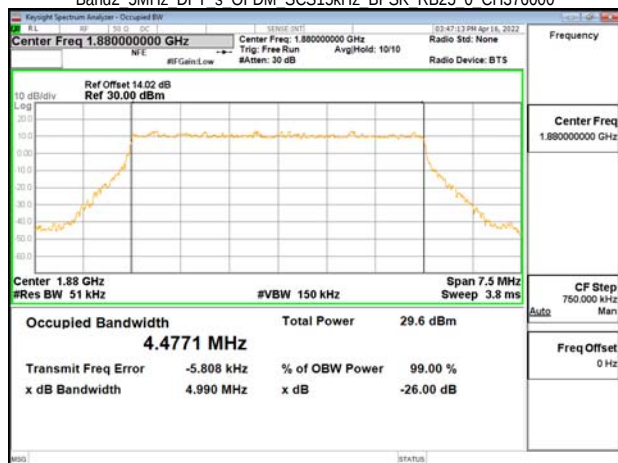
Band2 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH370500



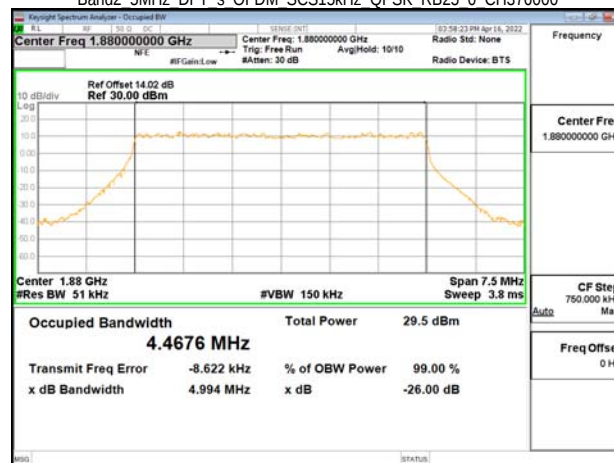
Band2 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH370500



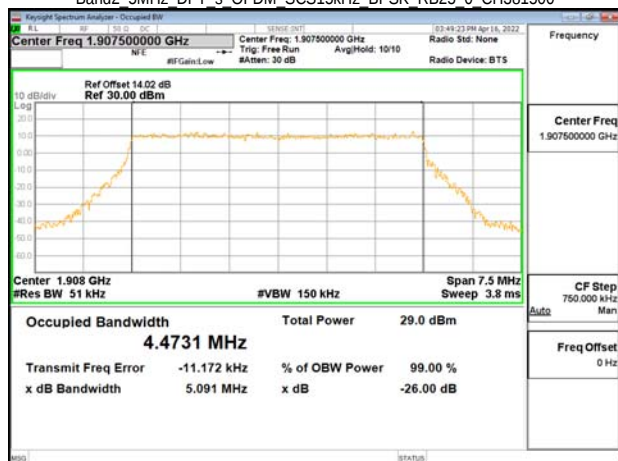
Band2 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH376000



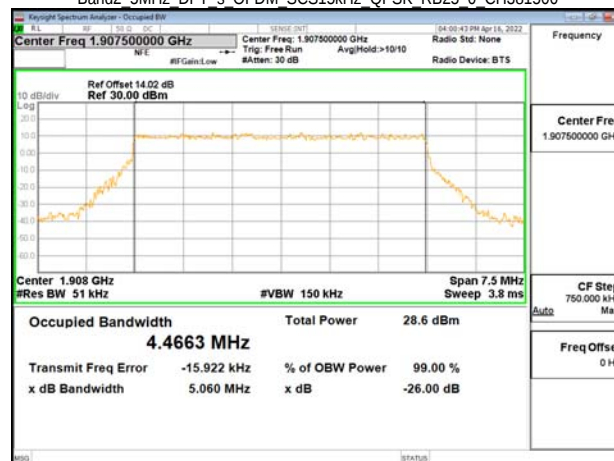
Band2 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH376000



Band2 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH381500



Band2 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH381500

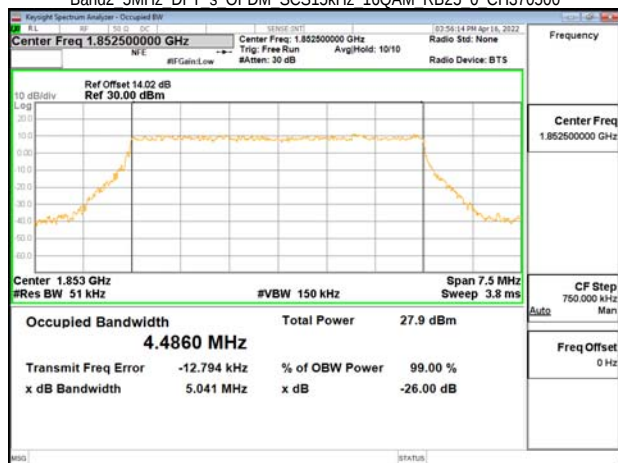


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

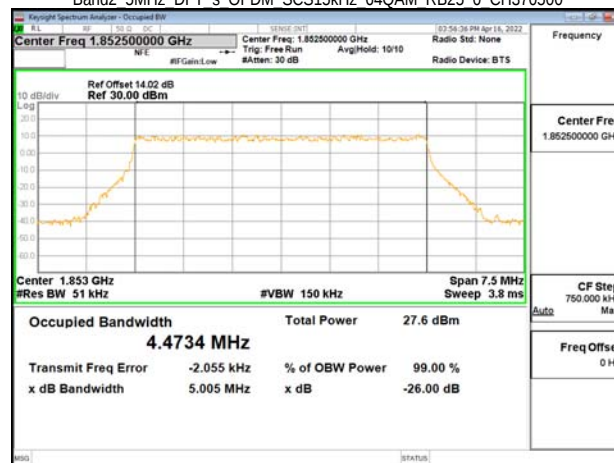
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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 herein 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.

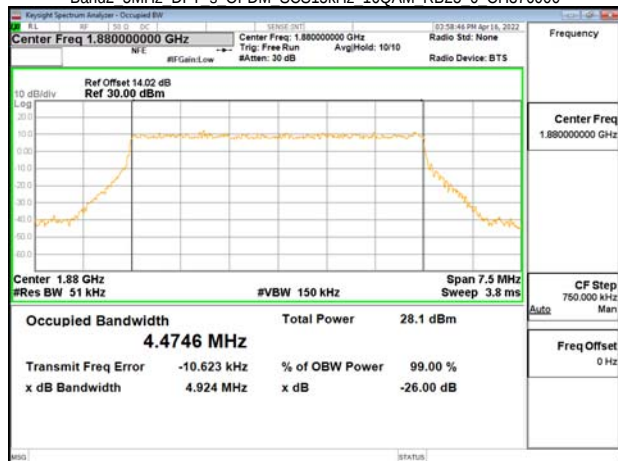
Band2 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH370500



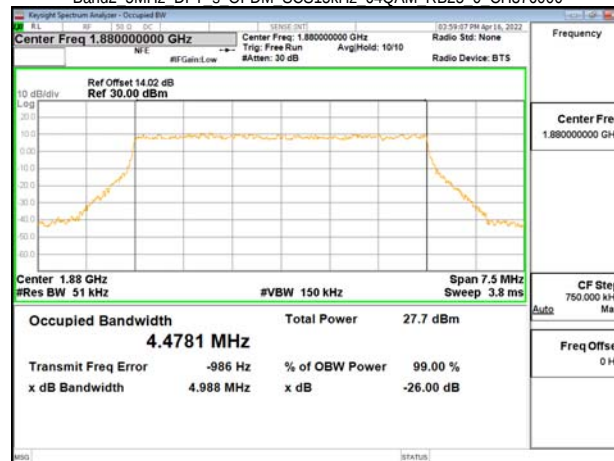
Band2 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH370500



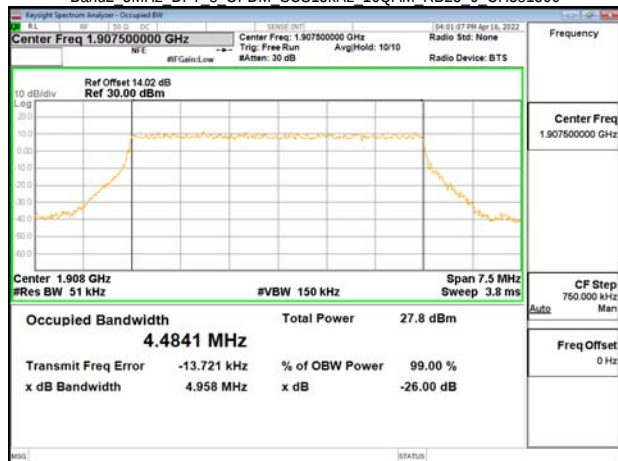
Band2 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH376000



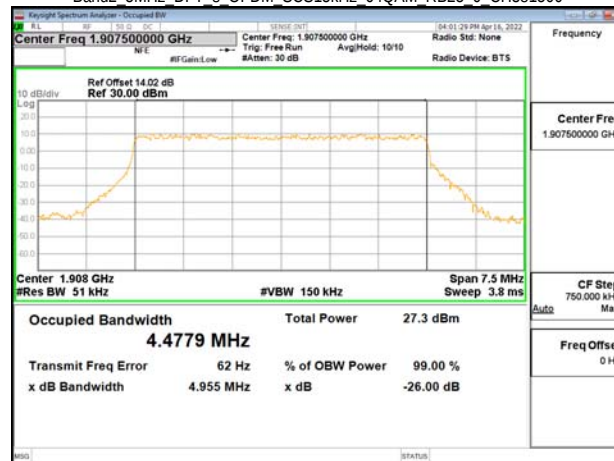
Band2 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH376000



Band2 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH381500



Band2 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH381500

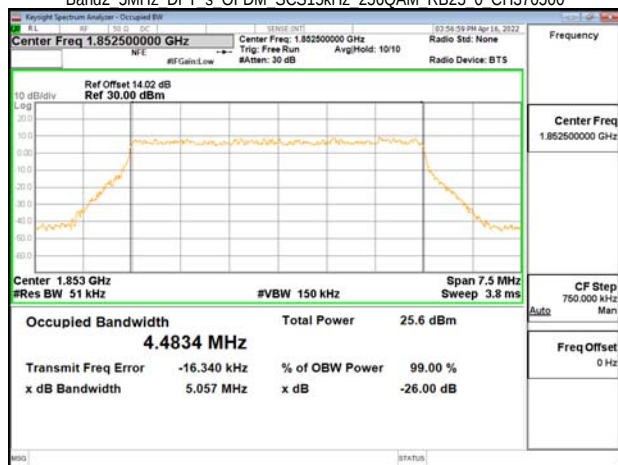


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

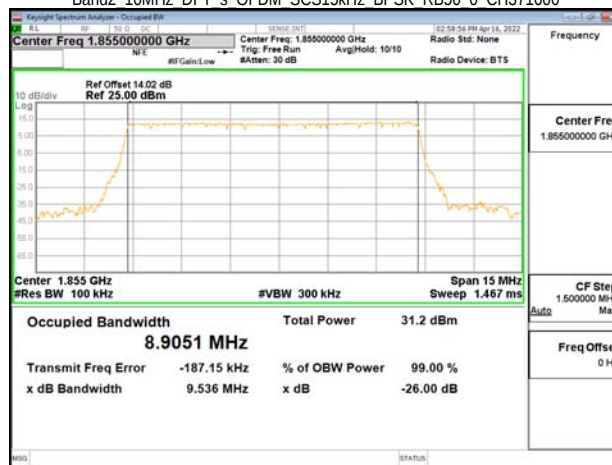
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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 herein 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.

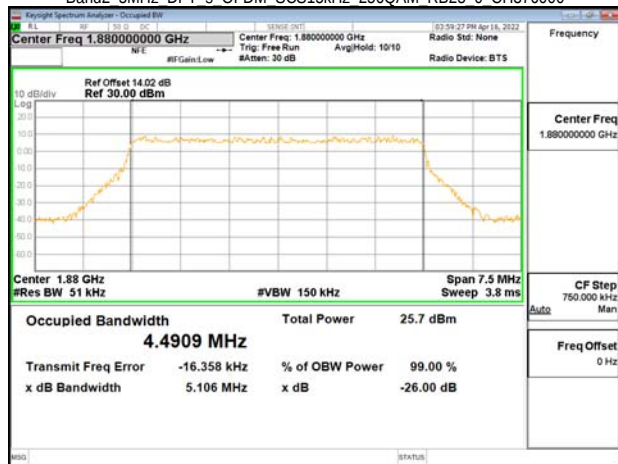
Band2 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH370500



Band2 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH371000



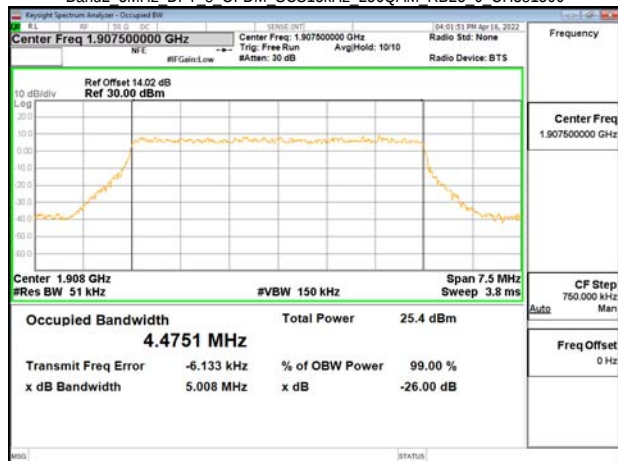
Band2 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH376000



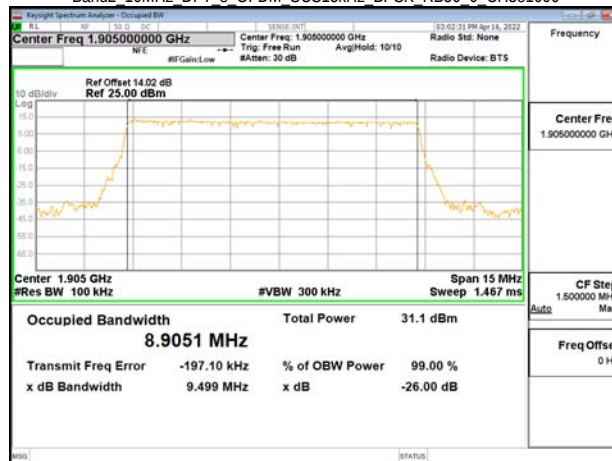
Band2 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH376000



Band2 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH381500



Band2 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH381000

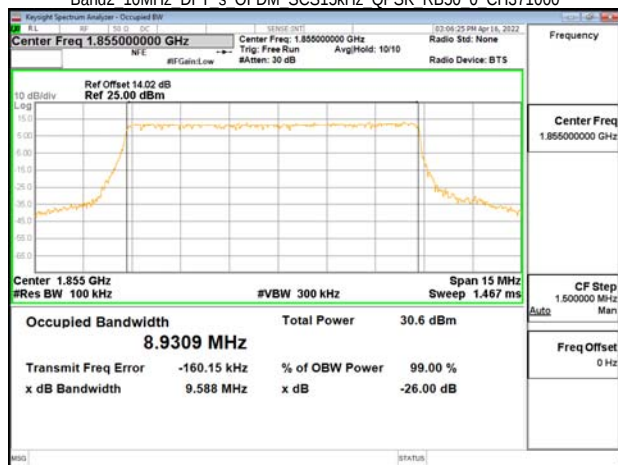


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

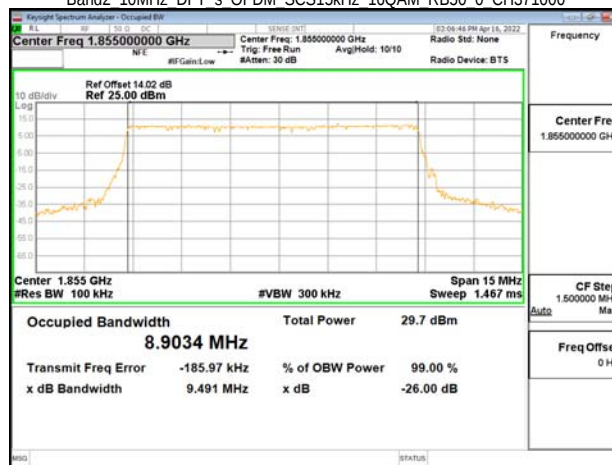
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH371000



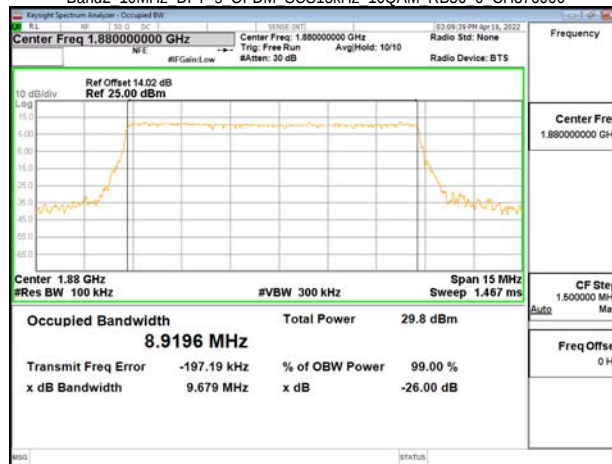
Band2 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH371000



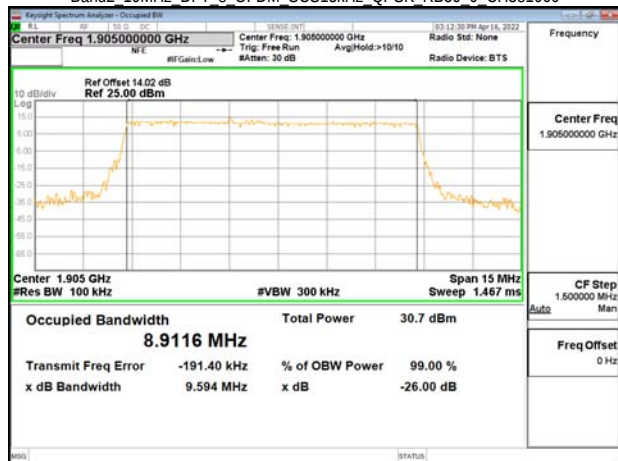
Band2 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH376000



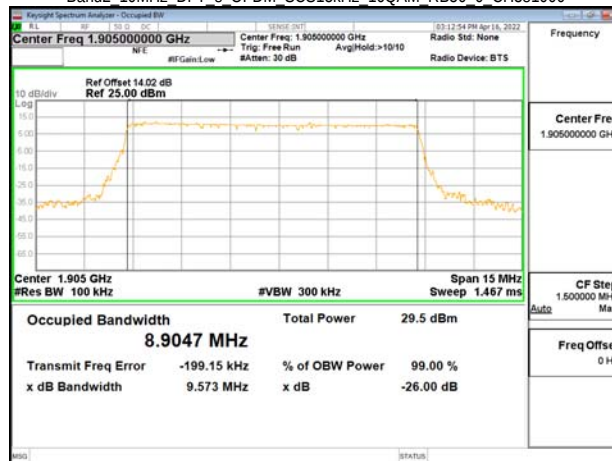
Band2 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH376000



Band2 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH381000



Band2 10MHz DFT s OFDM SCS15kHz 16QAM 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.

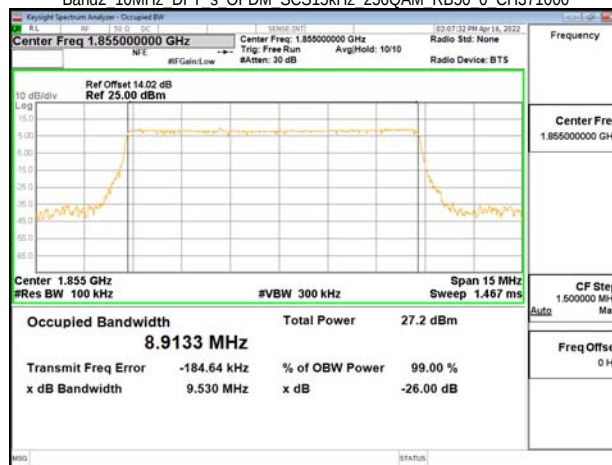
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH371000



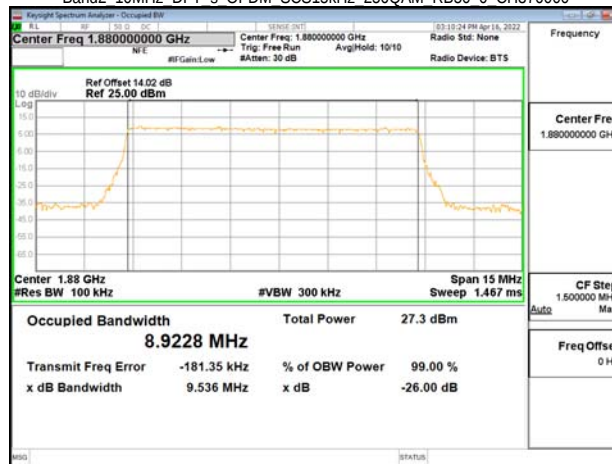
Band2 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH371000



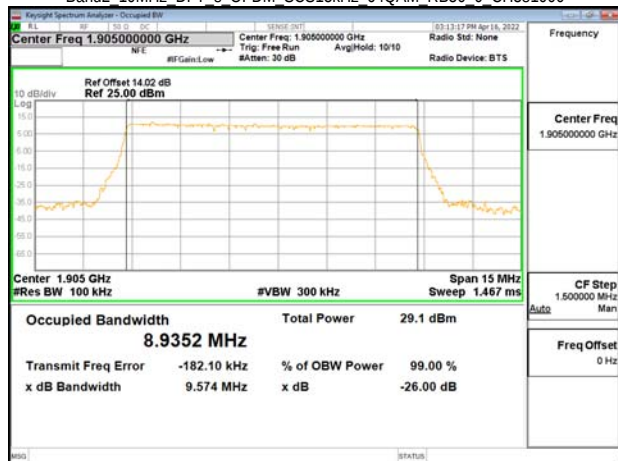
Band2 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH376000



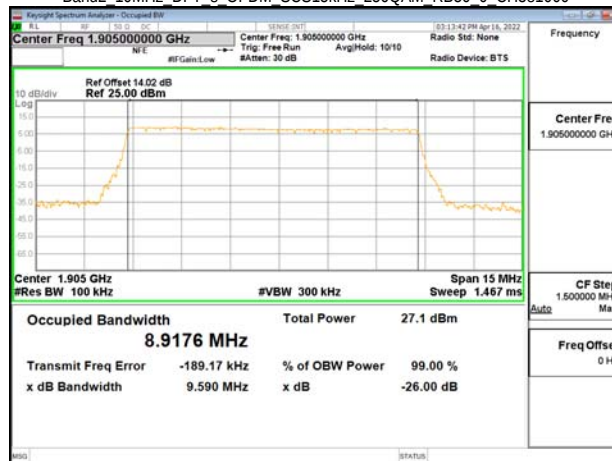
Band2 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH376000



Band2 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH381000



Band2 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH381000

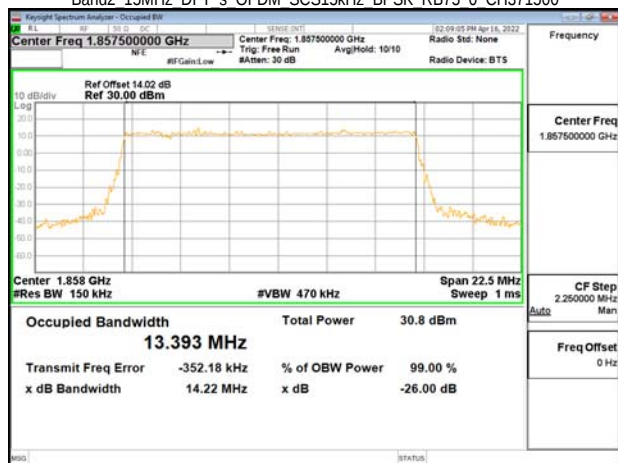


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

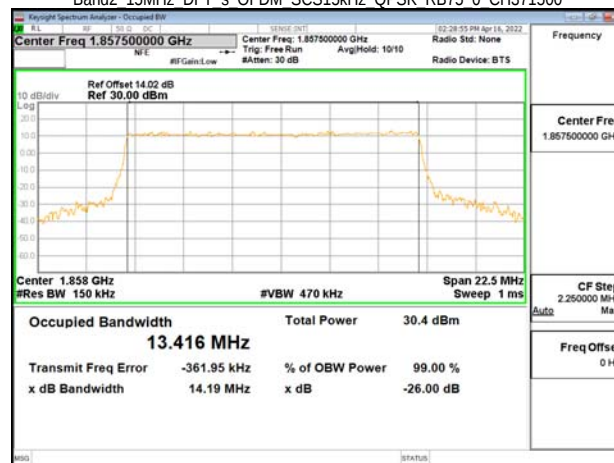
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

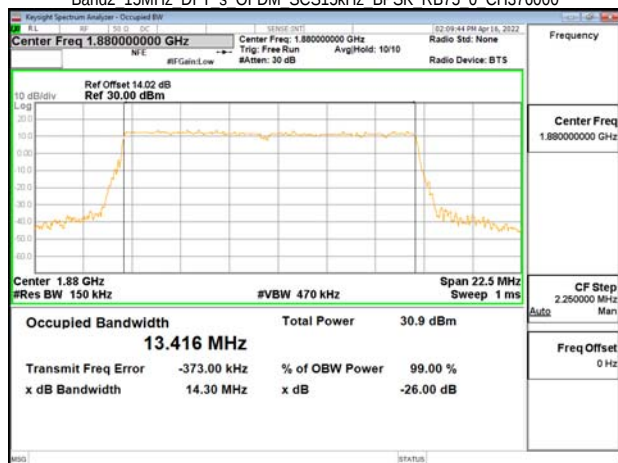
Band2 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH371500



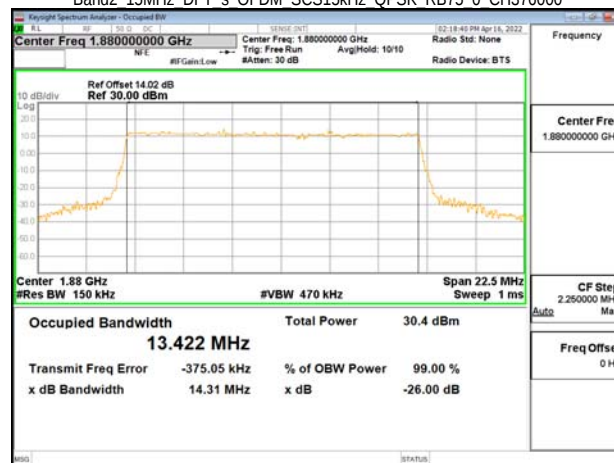
Band2 15MHz DFT s OFDM SCS15kHz QPSK RB75 0 CH371500



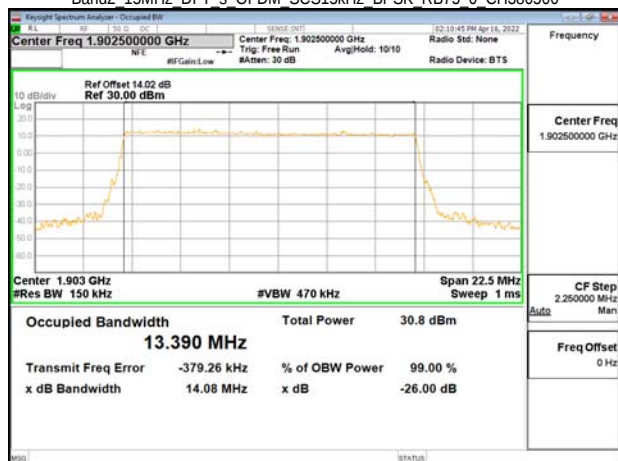
Band2 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH376000



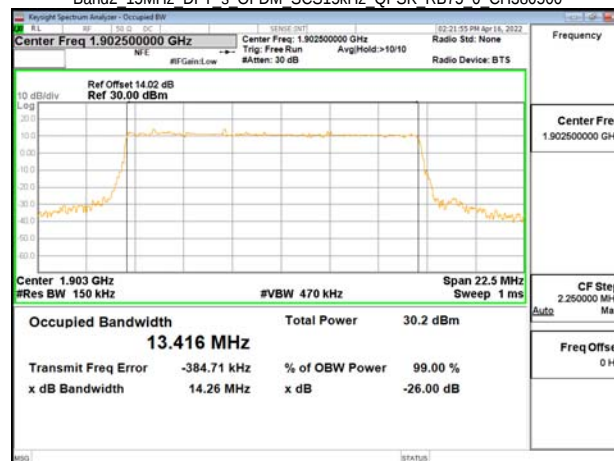
Band2 15MHz DFT s OFDM SCS15kHz QPSK RB75 0 CH376000



Band2 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH380500



Band2 15MHz DFT s OFDM SCS15kHz QPSK RB75 0 CH380500

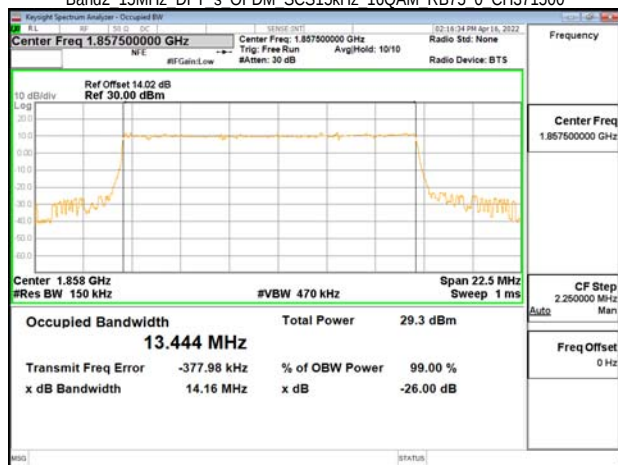


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

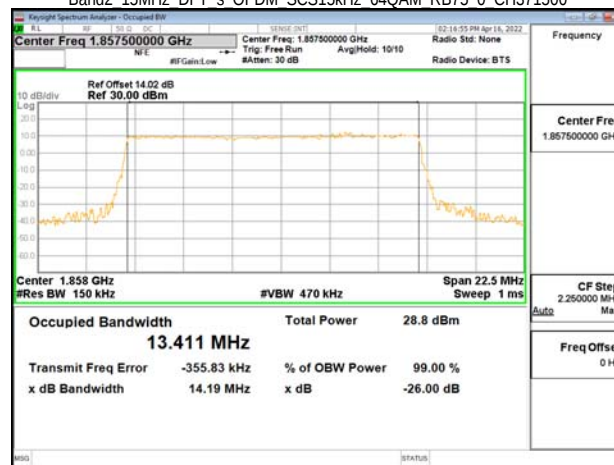
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

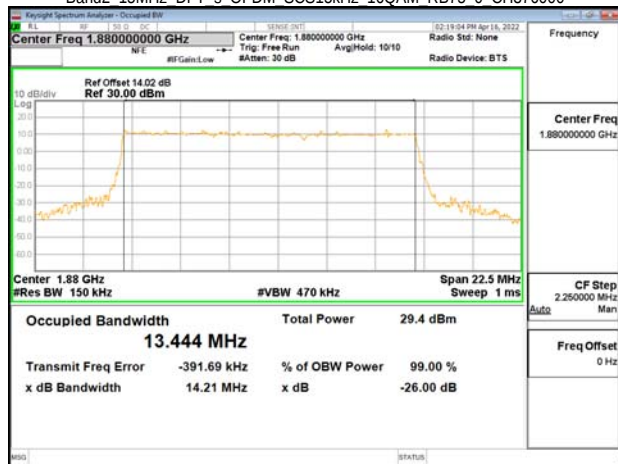
Band2 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH371500



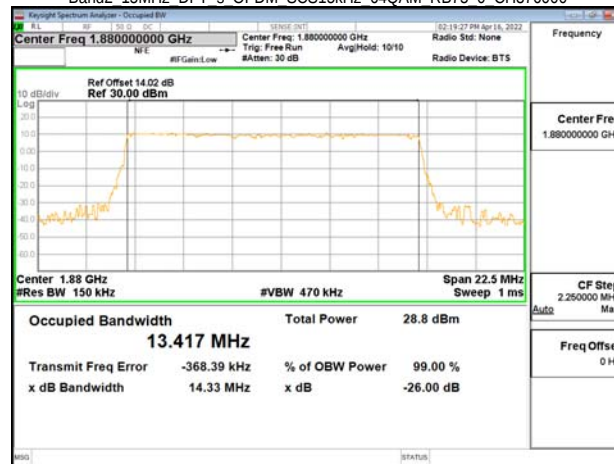
Band2 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH371500



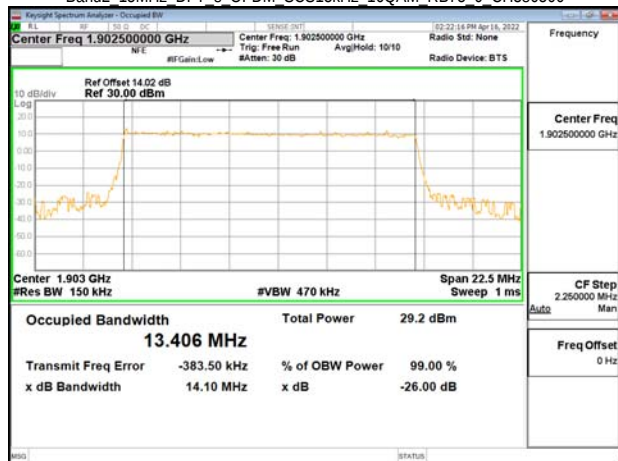
Band2 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH376000



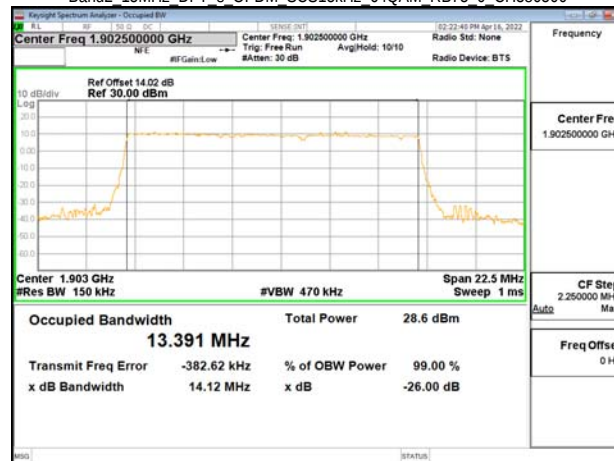
Band2 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH376000



Band2 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH380500



Band2 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH380500

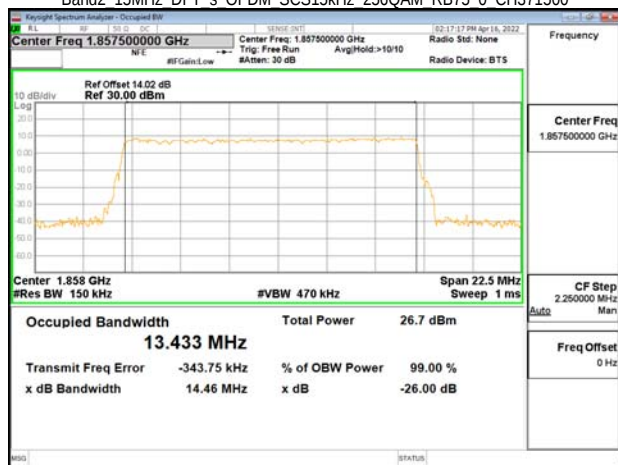


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

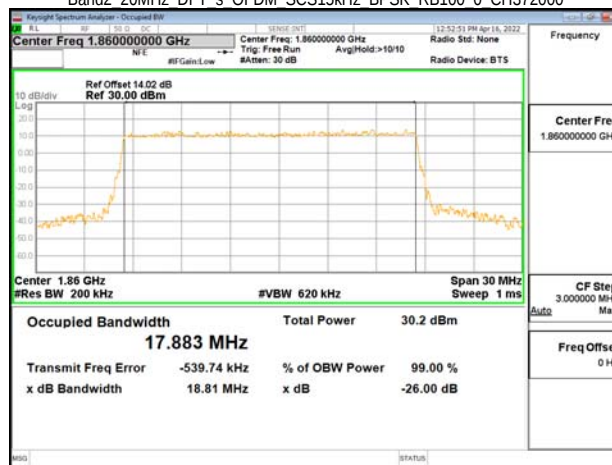
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

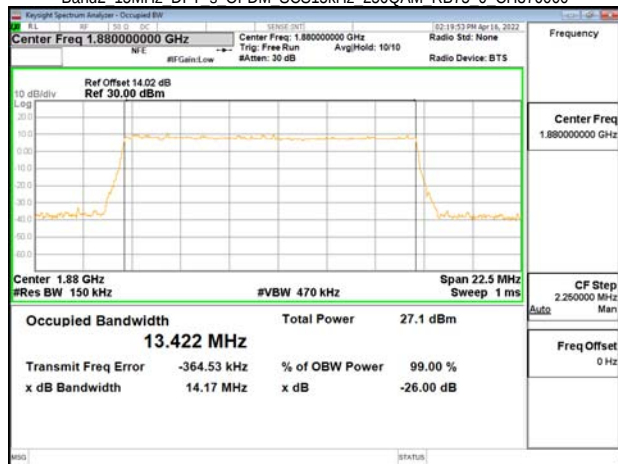
Band2 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH371500



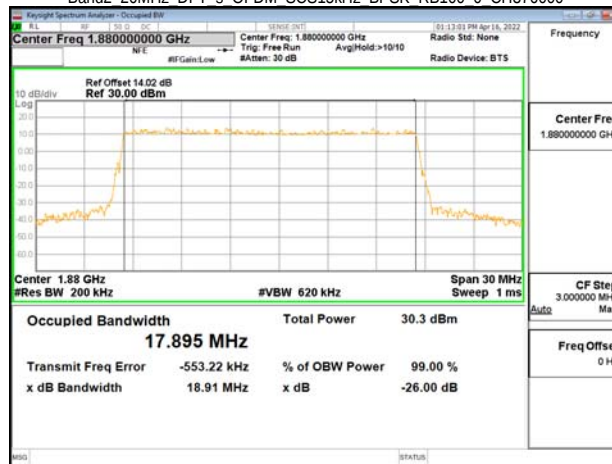
Band2 20MHz DFT s OFDM SCS15kHz BPSK RB100 0 CH372000



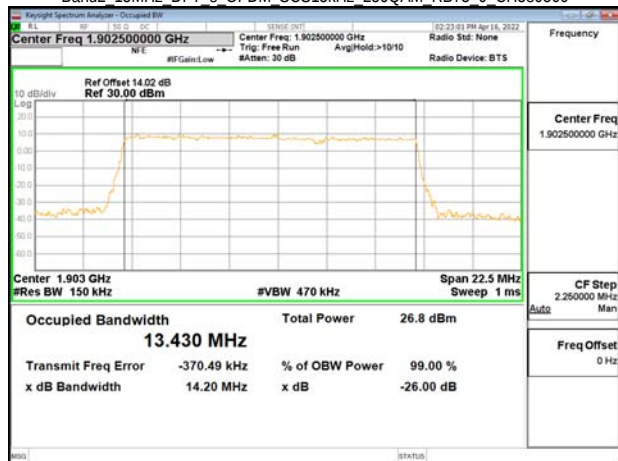
Band2 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH376000



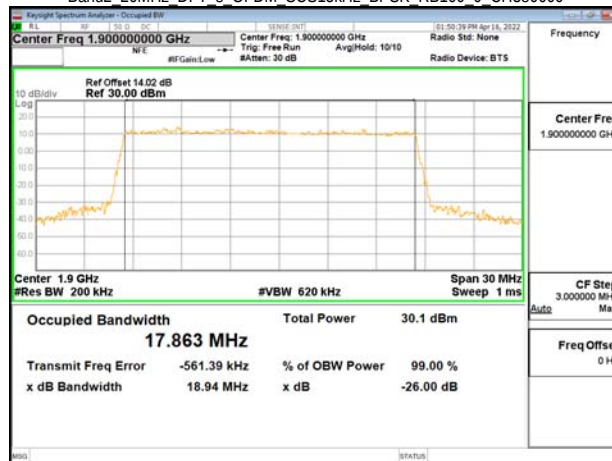
Band2 20MHz DFT s OFDM SCS15kHz BPSK RB100 0 CH376000



Band2 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH380500



Band2 20MHz DFT s OFDM SCS15kHz BPSK RB100 0 CH380000

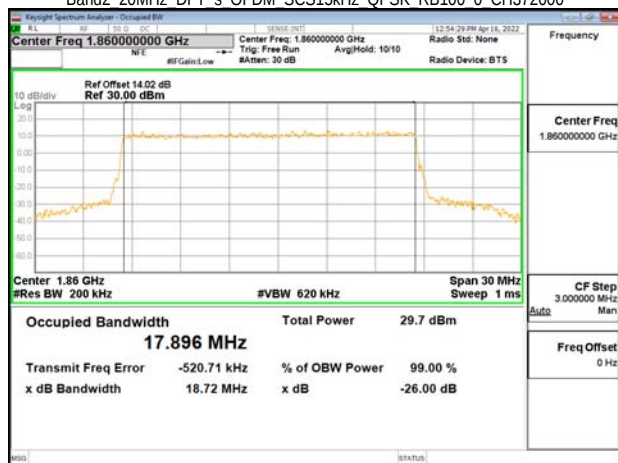


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

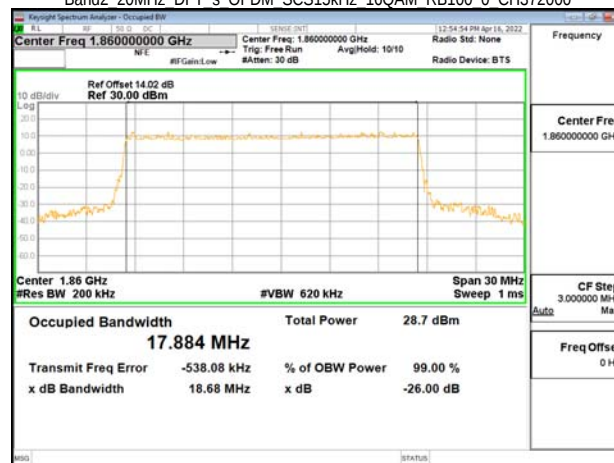
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

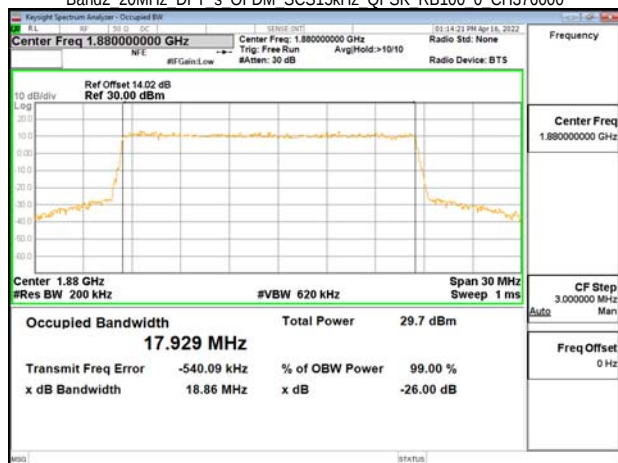
Band2 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH372000



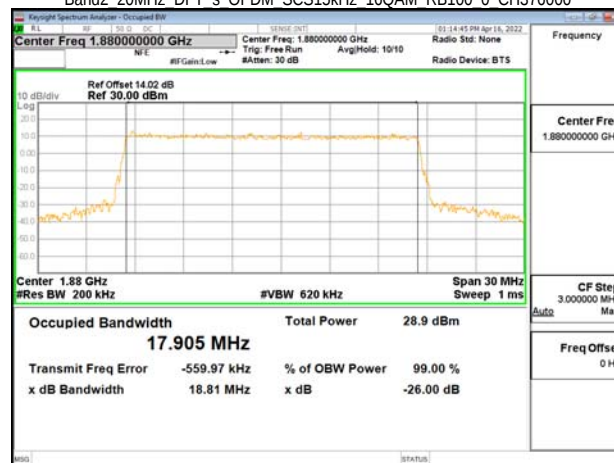
Band2 20MHz DFT s OFDM SCS15kHz 16QAM RB100 0 CH372000



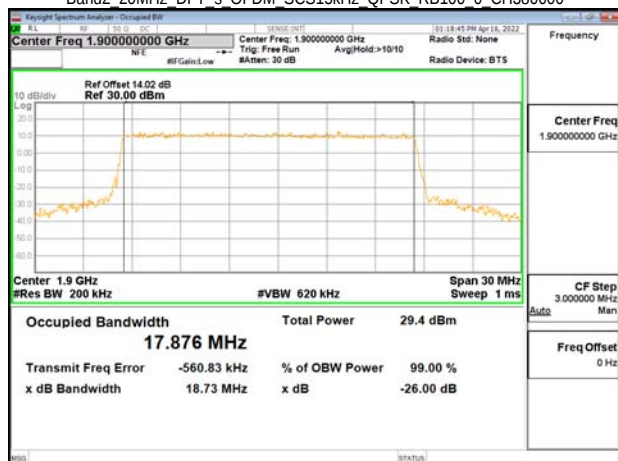
Band2 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH376000



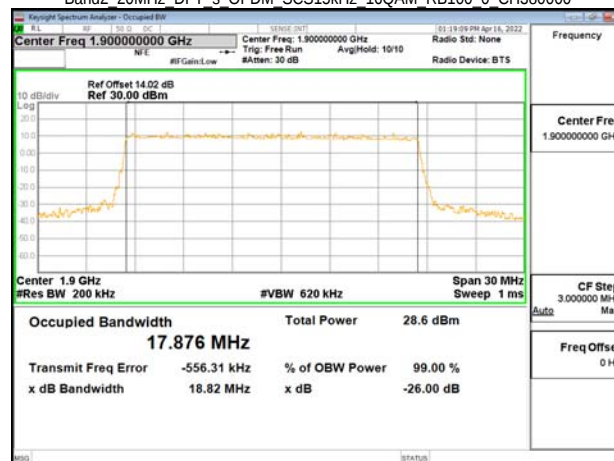
Band2 20MHz DFT s OFDM SCS15kHz 16QAM RB100 0 CH376000



Band2 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH380000



Band2 20MHz DFT s OFDM SCS15kHz 16QAM RB100 0 CH380000

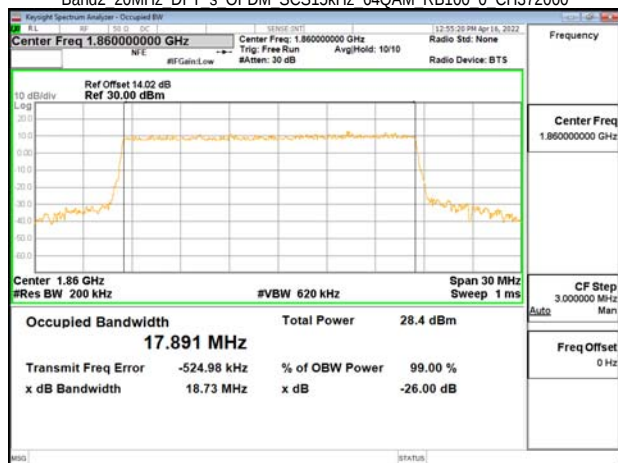


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

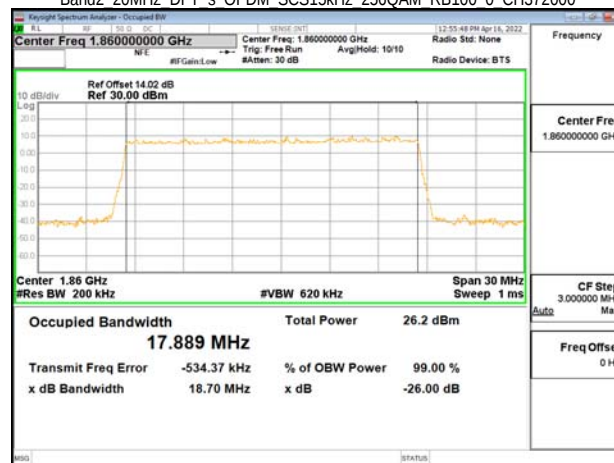
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

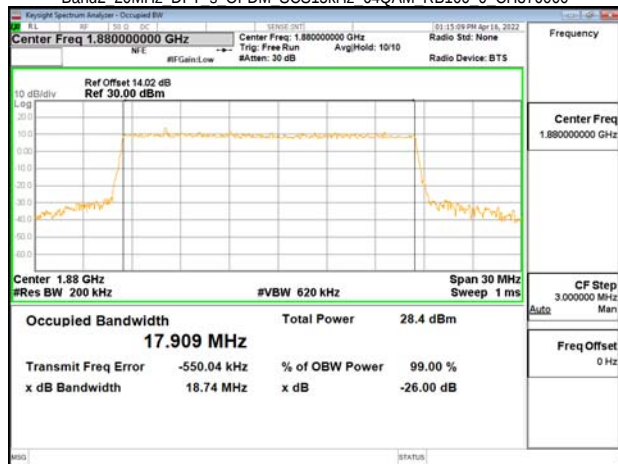
Band2 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH372000



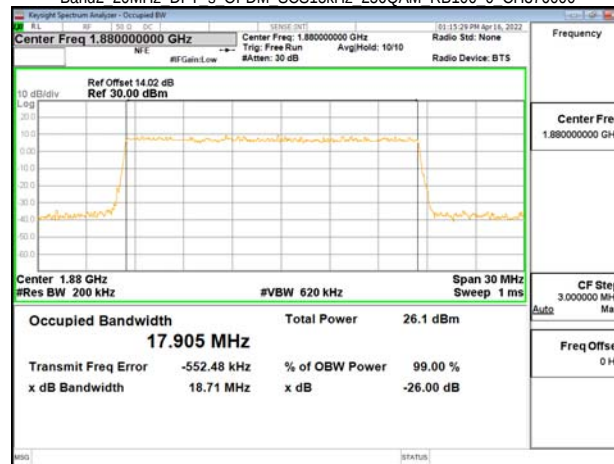
Band2 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH372000



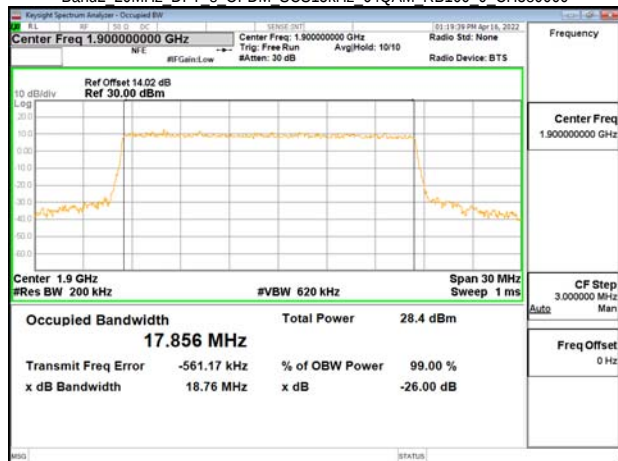
Band2 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH376000



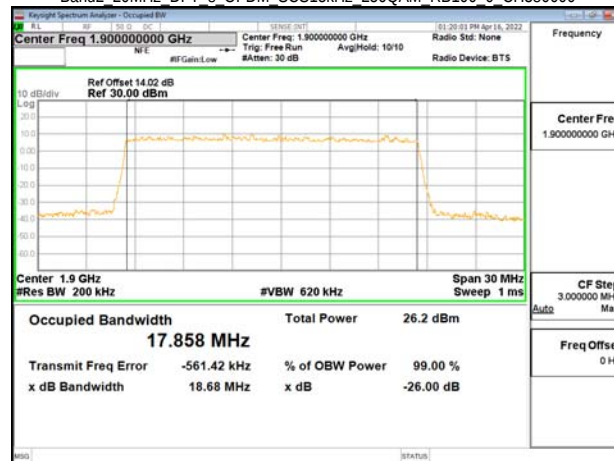
Band2 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH376000



Band2 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH380000



Band2 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH380000

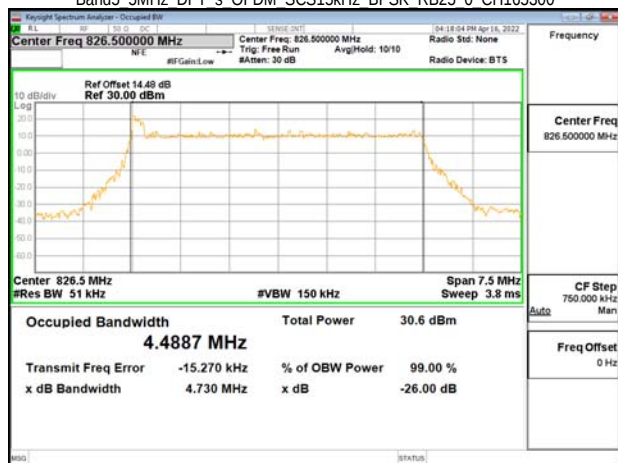


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

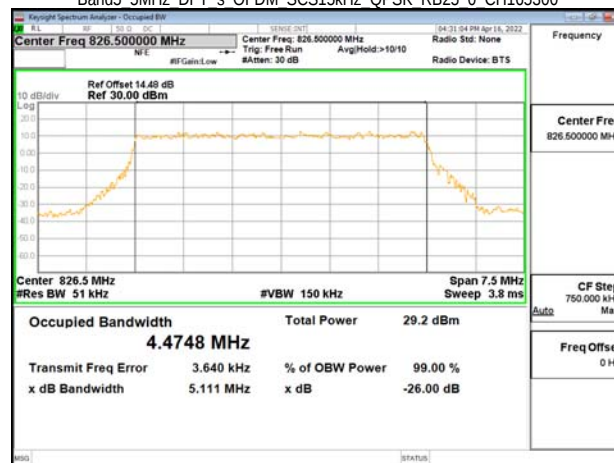
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

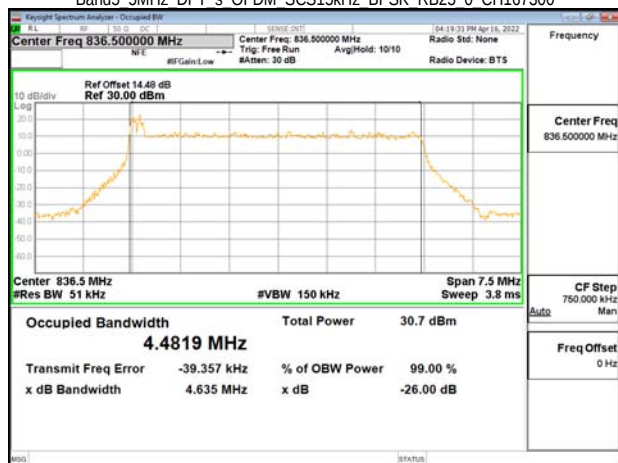
Band5 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH165300



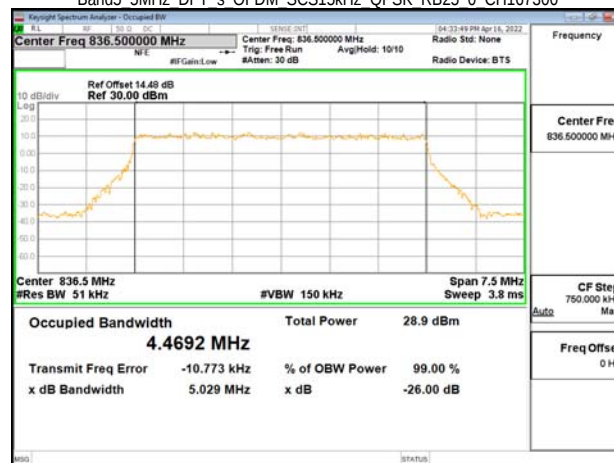
Band5 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH165300



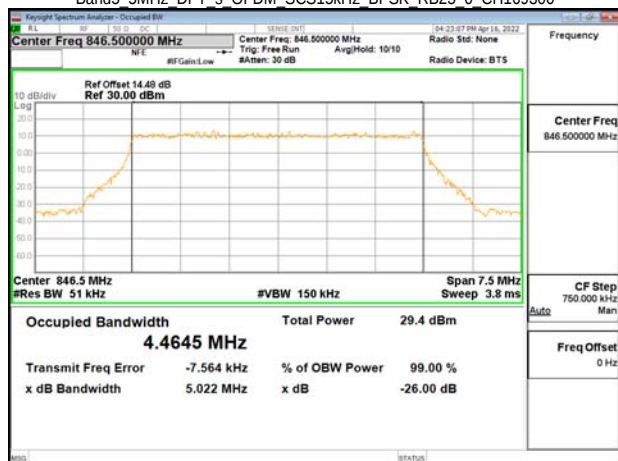
Band5 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH167300



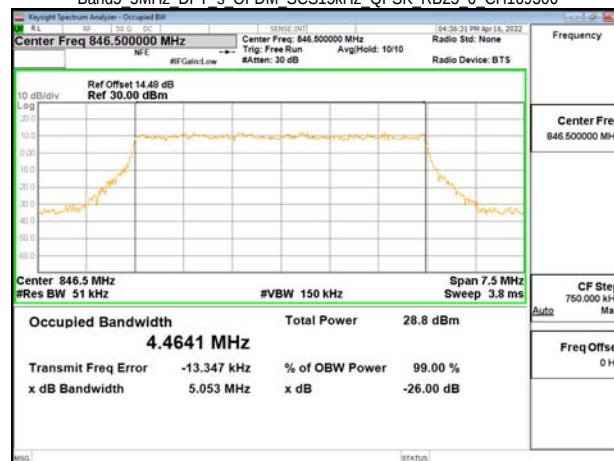
Band5 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH167300



Band5 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH169300



Band5 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH169300

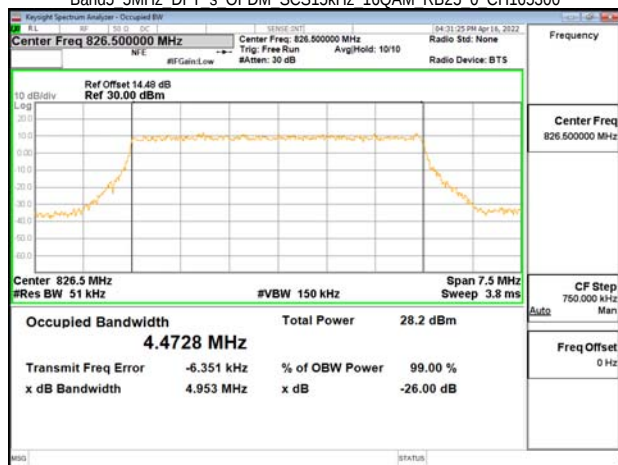


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

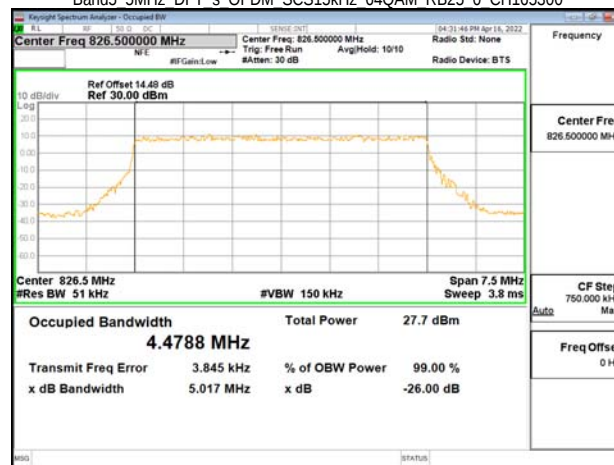
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

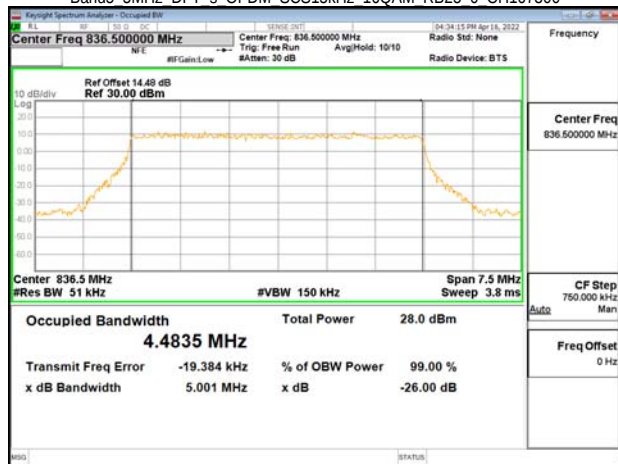
Band5 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH165300



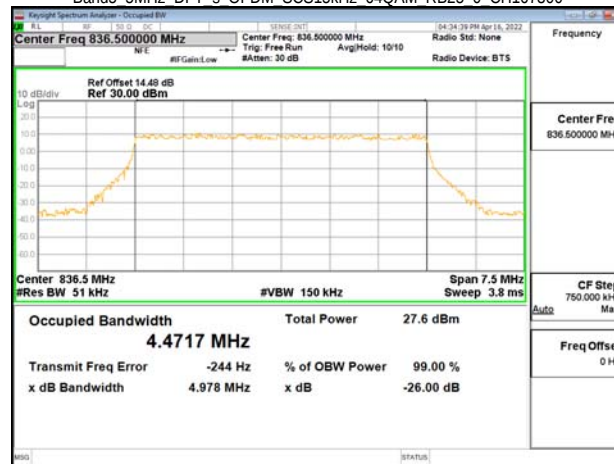
Band5 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH165300



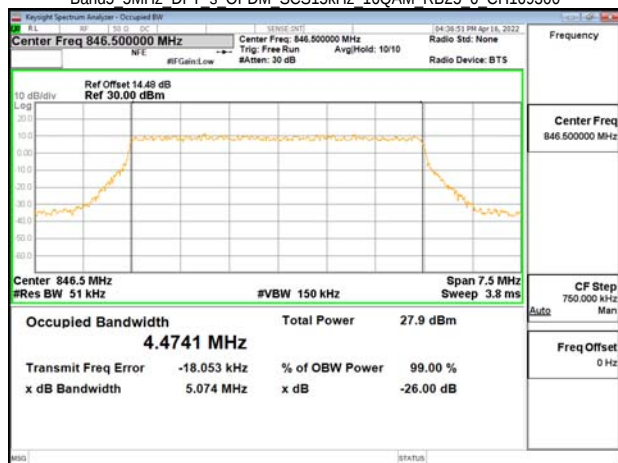
Band5 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH167300



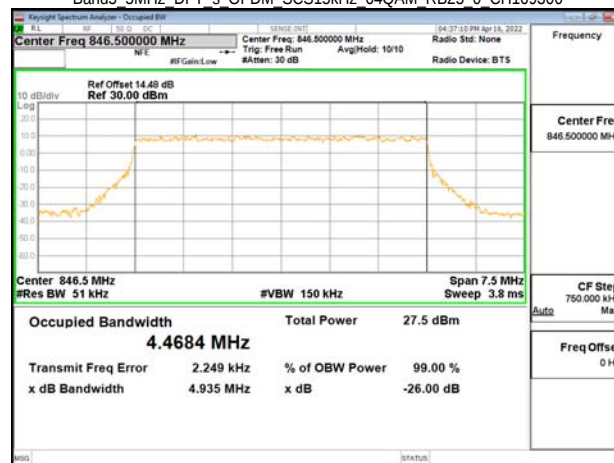
Band5 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH167300



Band5 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH169300



Band5 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH169300

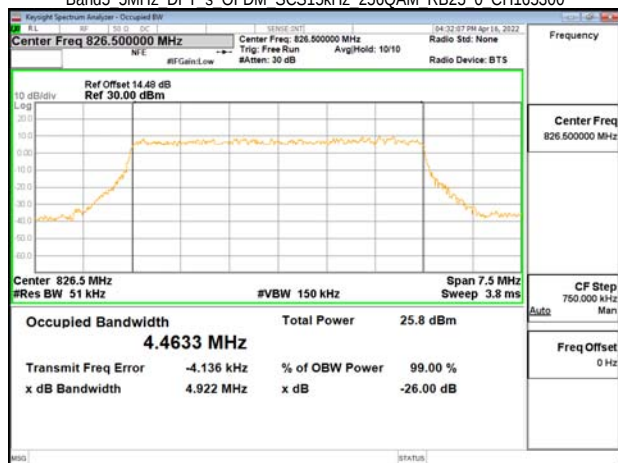


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

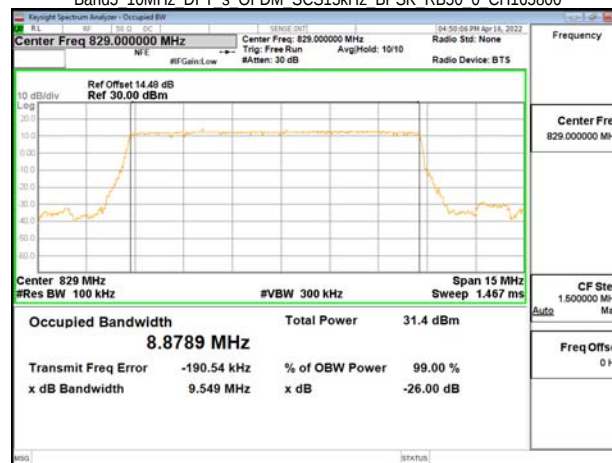
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

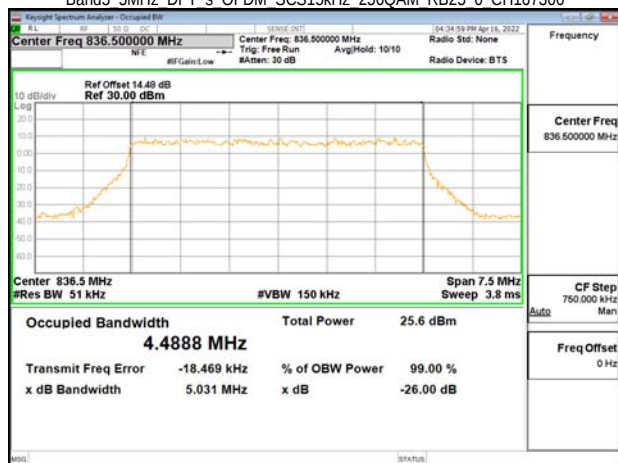
Band5 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH165300



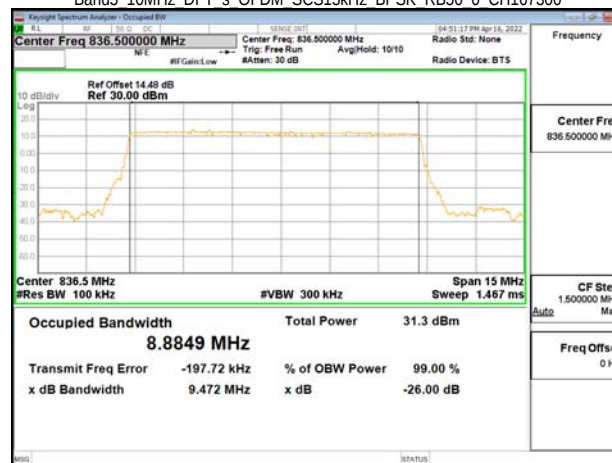
Band5 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH165800



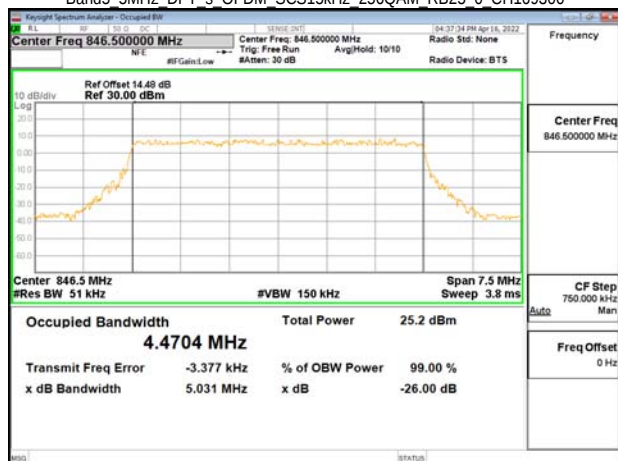
Band5 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH167300



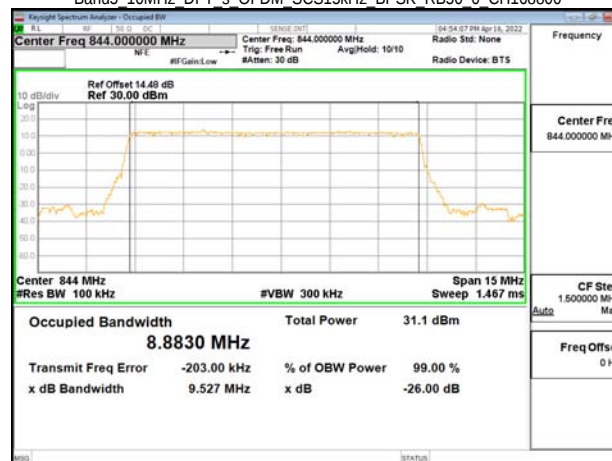
Band5 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH167300



Band5 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH169300



Band5 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH168800

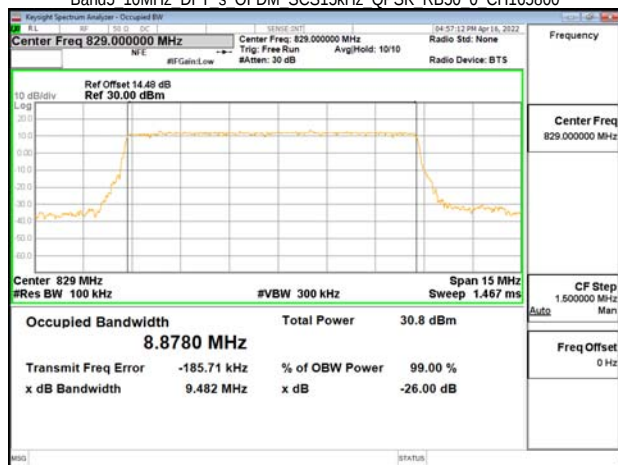


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

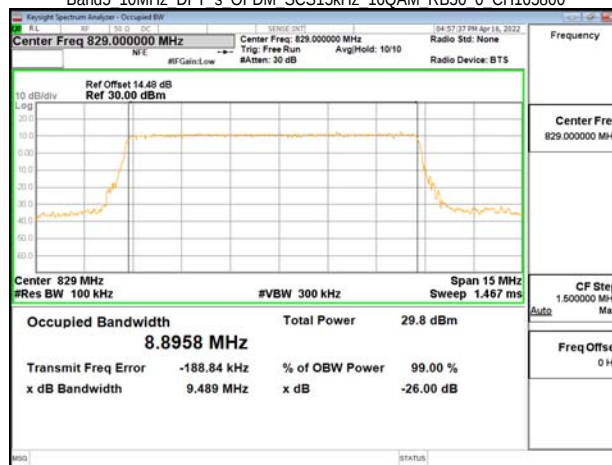
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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 herein 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.

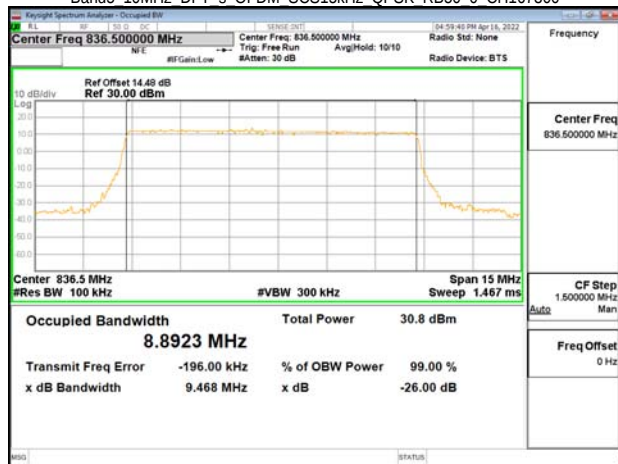
Band5 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH165800



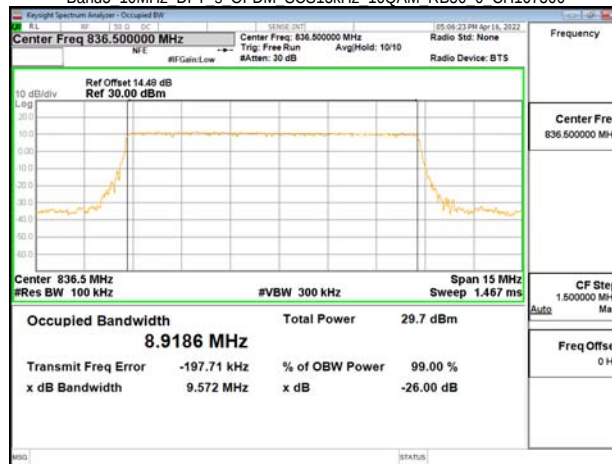
Band5 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH165800



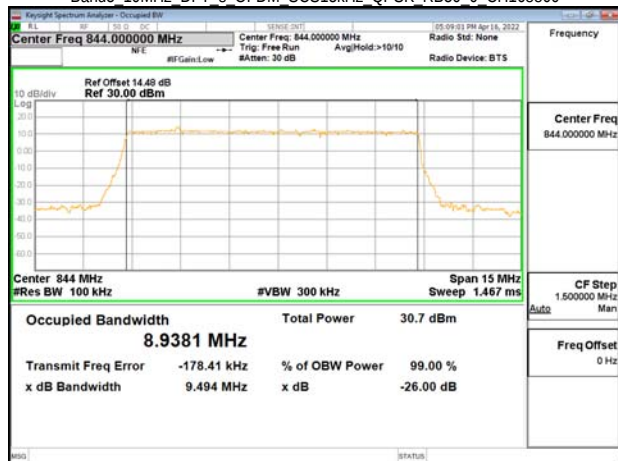
Band5 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH167300



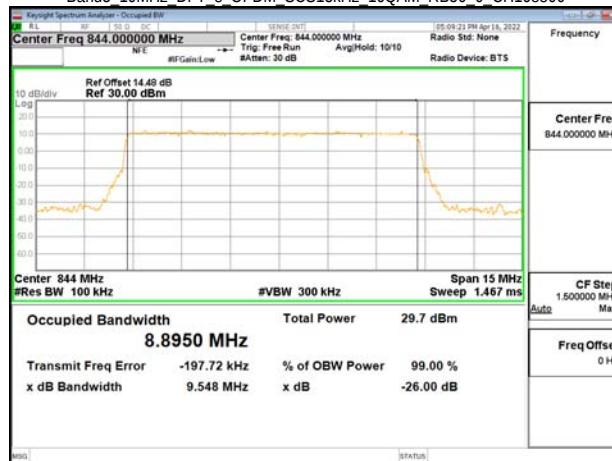
Band5 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH167300



Band5 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH168800



Band5 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH168800

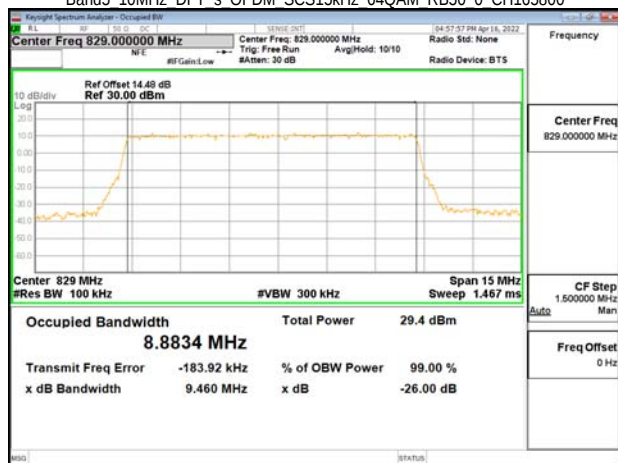


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

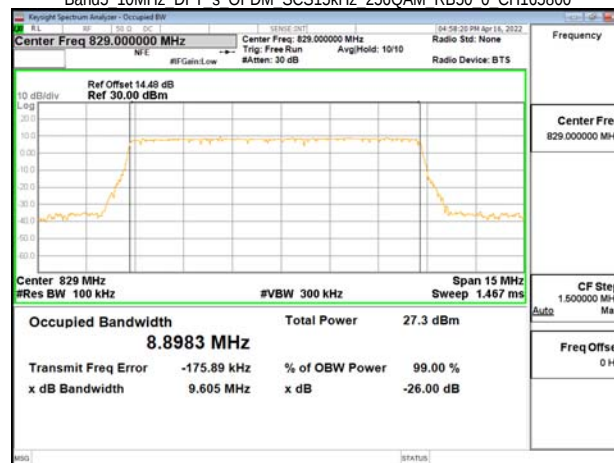
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

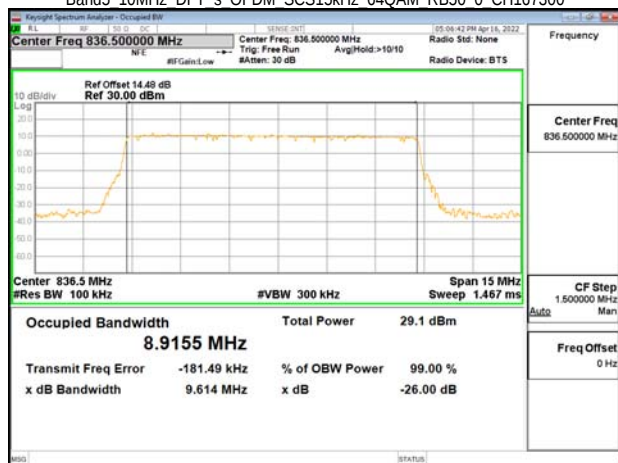
Band5 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH165800



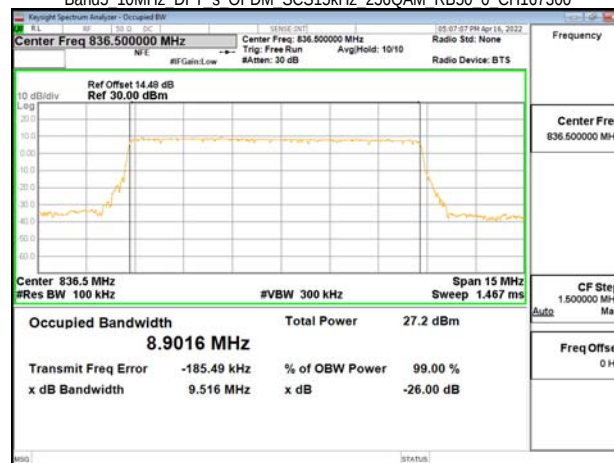
Band5 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH165800



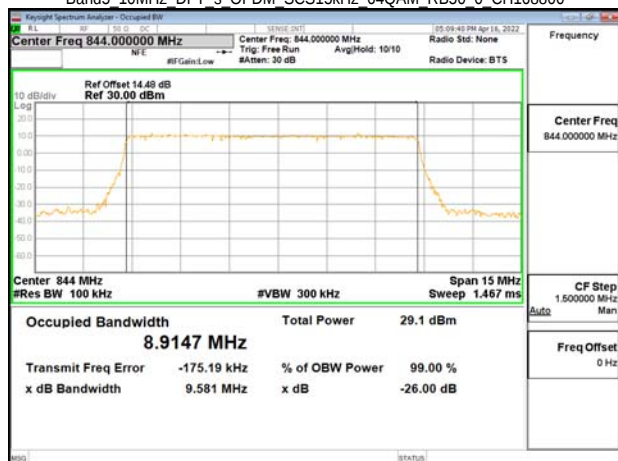
Band5 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH167300



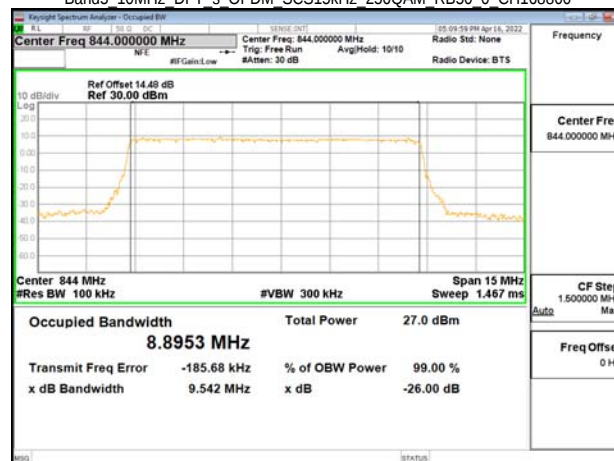
Band5 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH167300



Band5 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH168800



Band5 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH168800

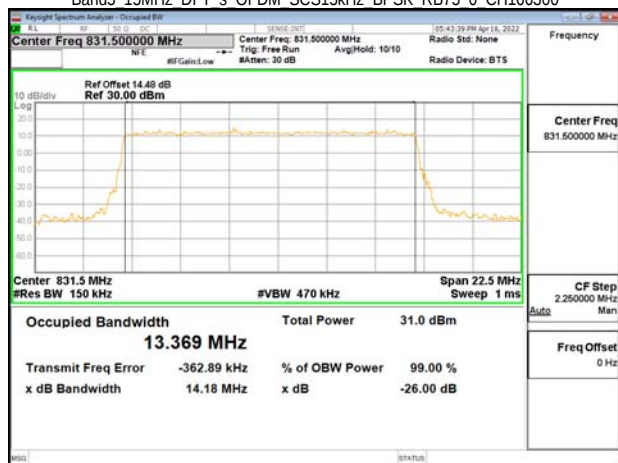


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

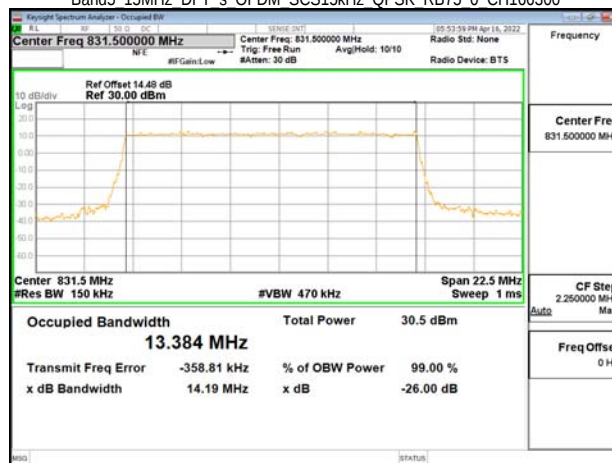
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

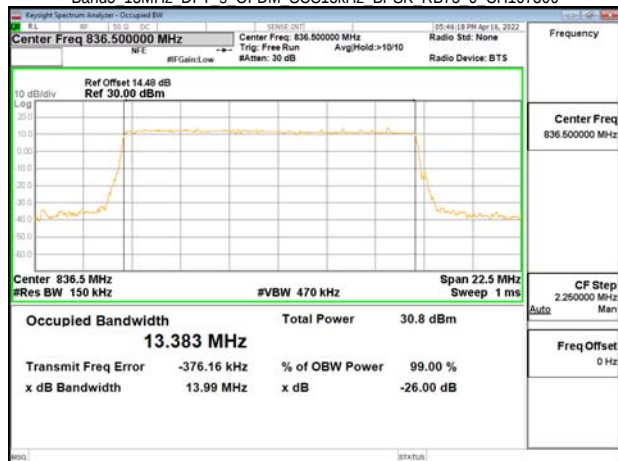
Band5 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH166300



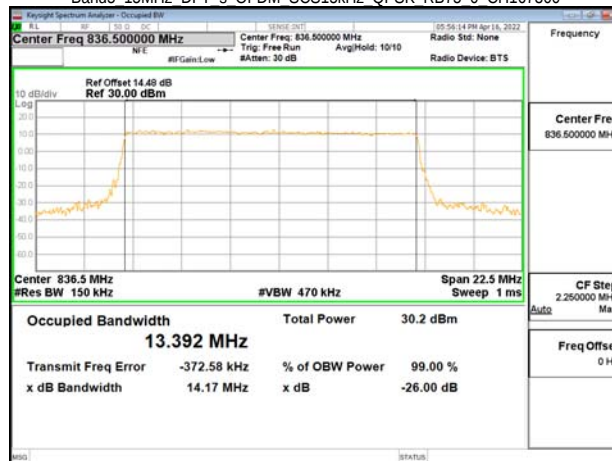
Band5 15MHz DFT s OFDM SCS15kHz QPSK RB75 0 CH166300



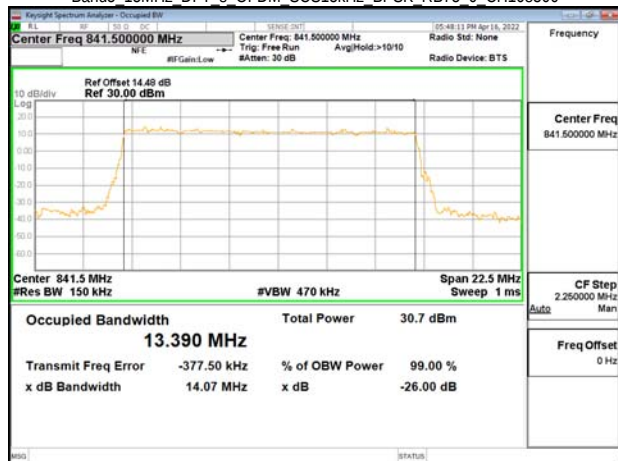
Band5 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH167300



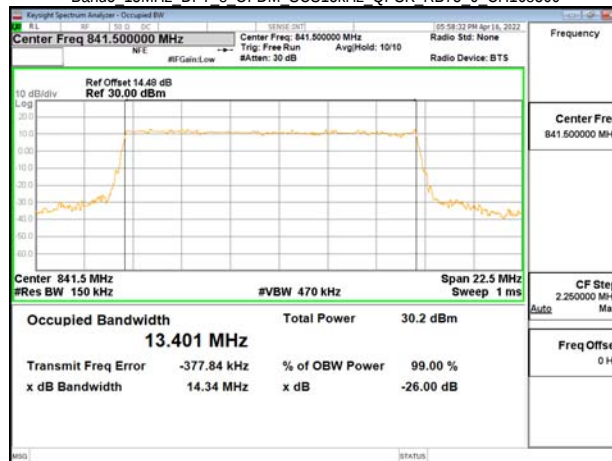
Band5 15MHz DFT s OFDM SCS15kHz QPSK RB75 0 CH167300



Band5 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH168300



Band5 15MHz DFT s OFDM SCS15kHz QPSK RB75 0 CH168300

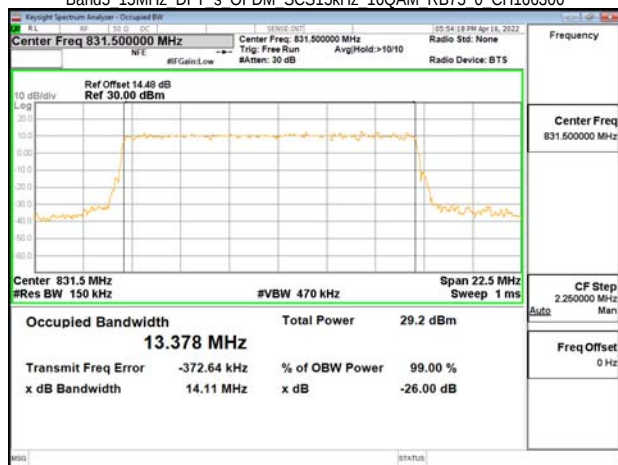


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

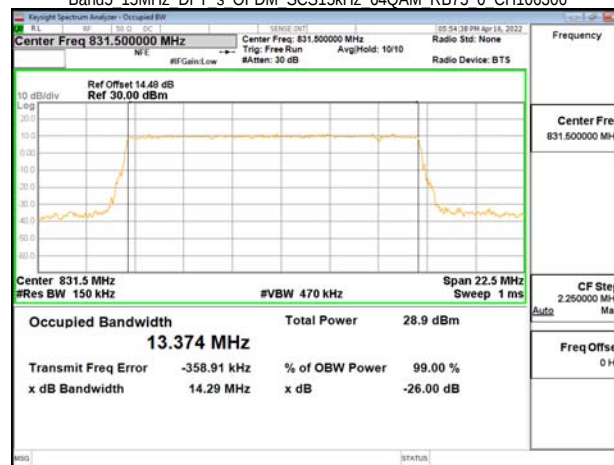
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

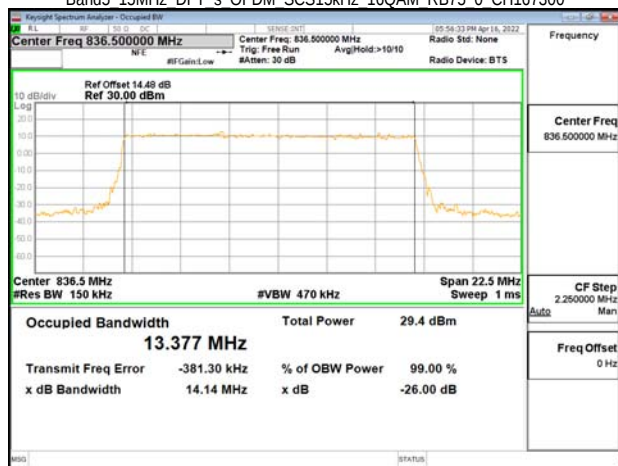
Band5 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH166300



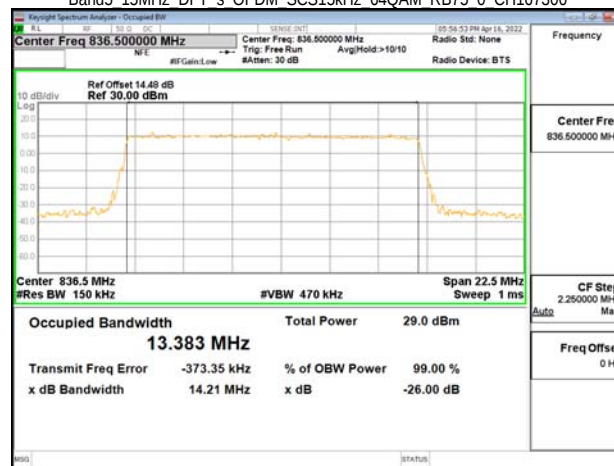
Band5 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH166300



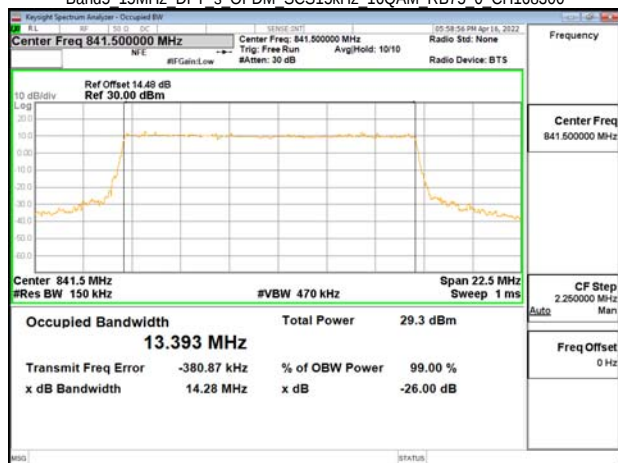
Band5 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH167300



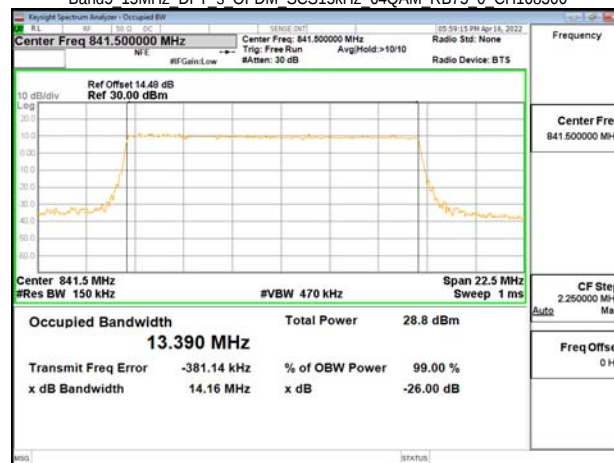
Band5 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH167300



Band5 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH168300



Band5 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH168300

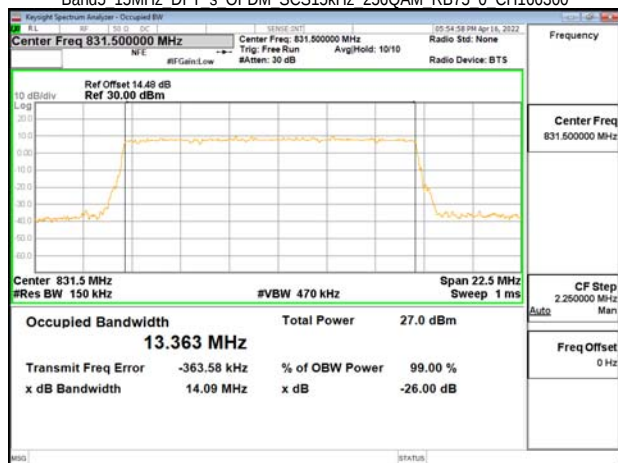


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

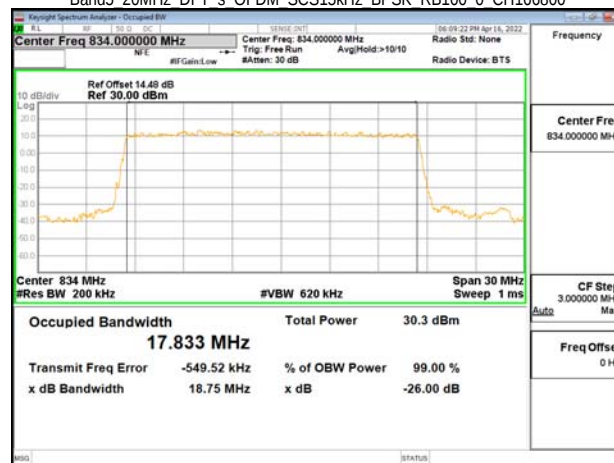
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

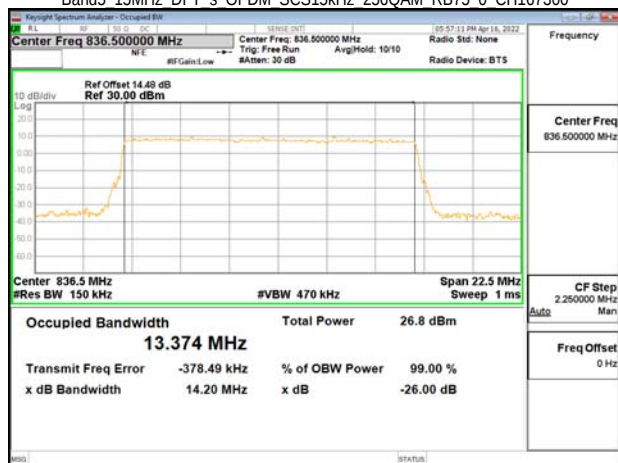
Band5 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH166300



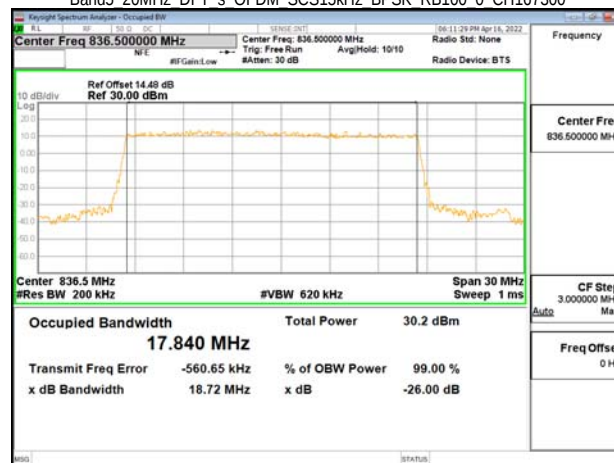
Band5 20MHz DFT s OFDM SCS15kHz BPSK RB100 0 CH166800



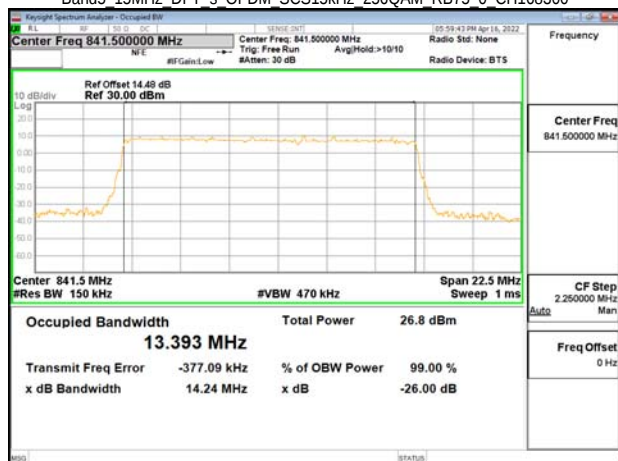
Band5 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH167300



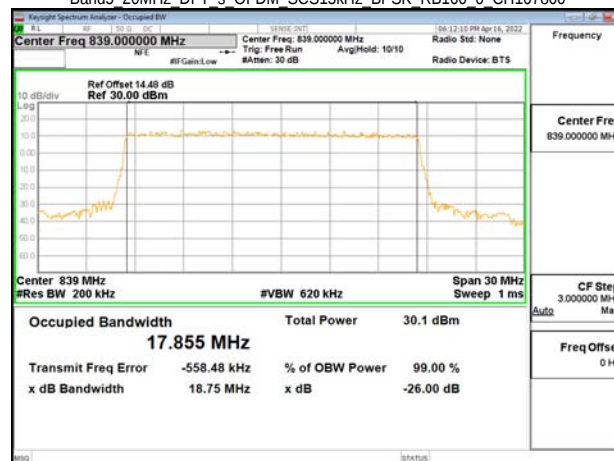
Band5 20MHz DFT s OFDM SCS15kHz BPSK RB100 0 CH167300



Band5 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH168300



Band5 20MHz DFT s OFDM SCS15kHz BPSK RB100 0 CH167800

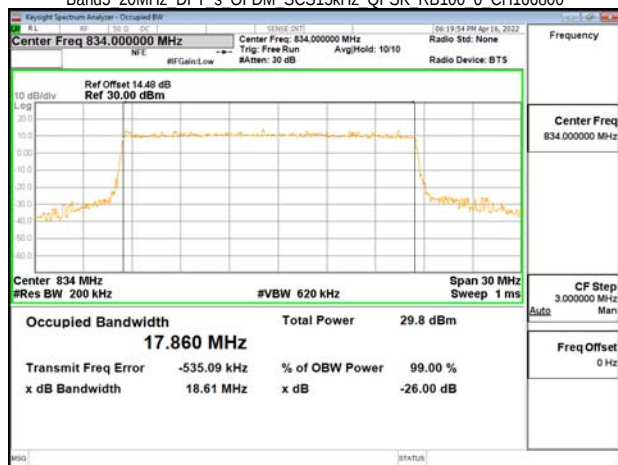


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

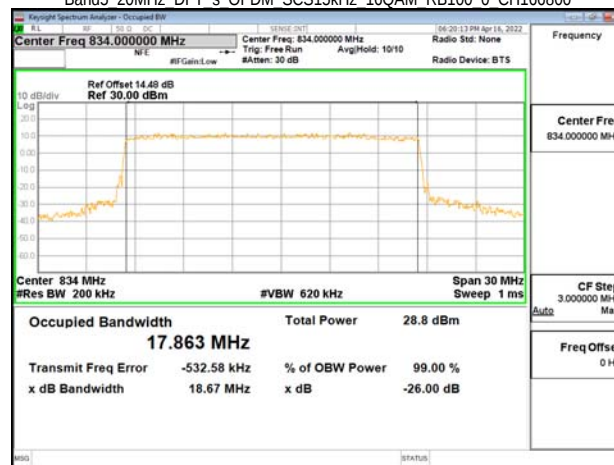
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

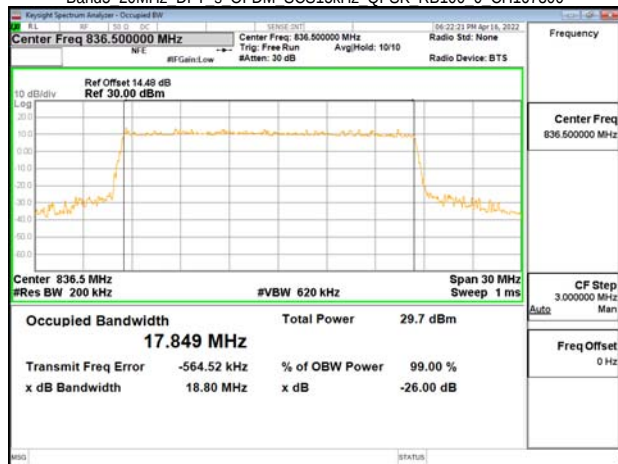
Band5 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH166800



Band5 20MHz DFT s OFDM SCS15kHz 16QAM RB100 0 CH166800



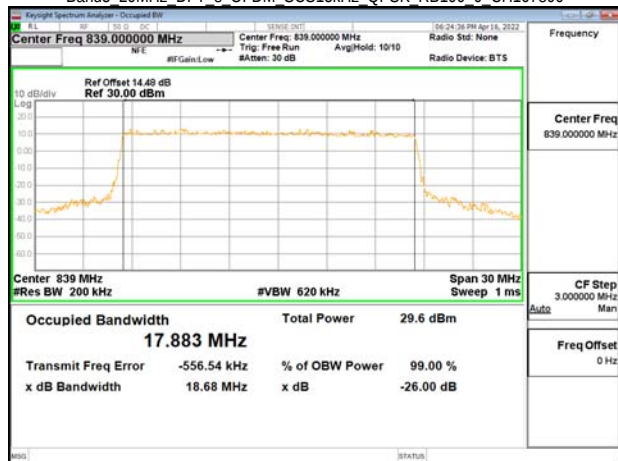
Band5 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH167300



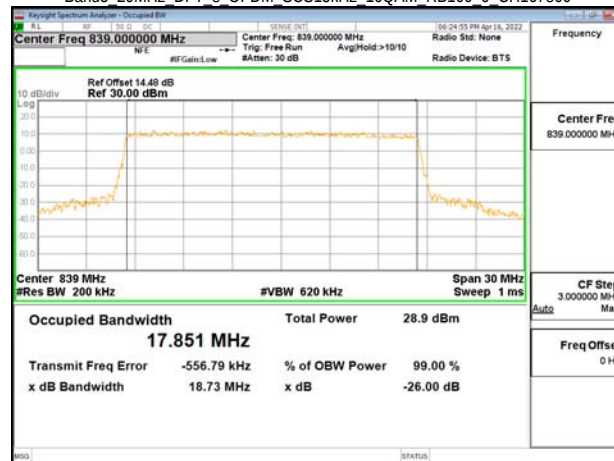
Band5 20MHz DFT s OFDM SCS15kHz 16QAM RB100 0 CH167300



Band5 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH167800



Band5 20MHz DFT s OFDM SCS15kHz 16QAM RB100 0 CH167800

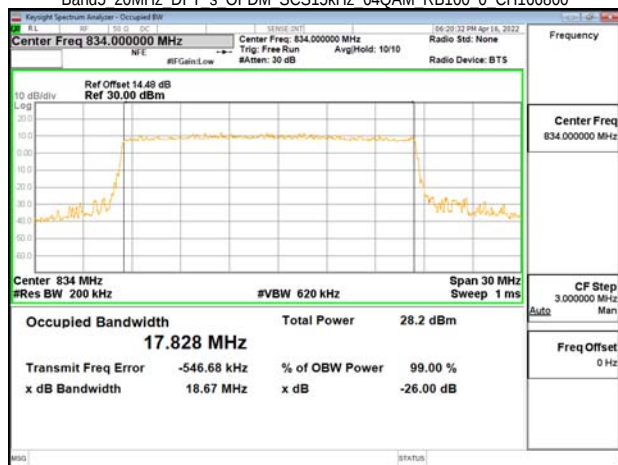


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

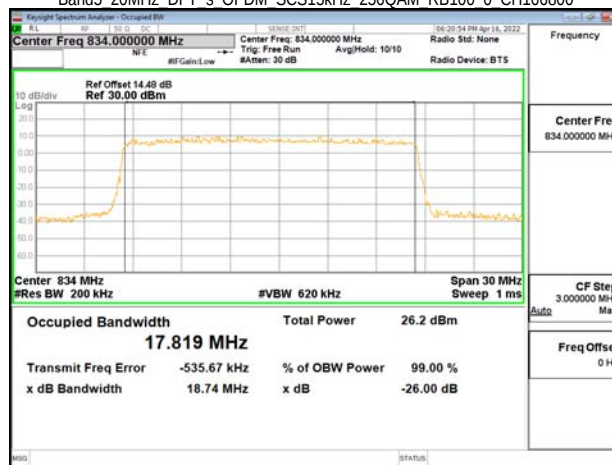
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

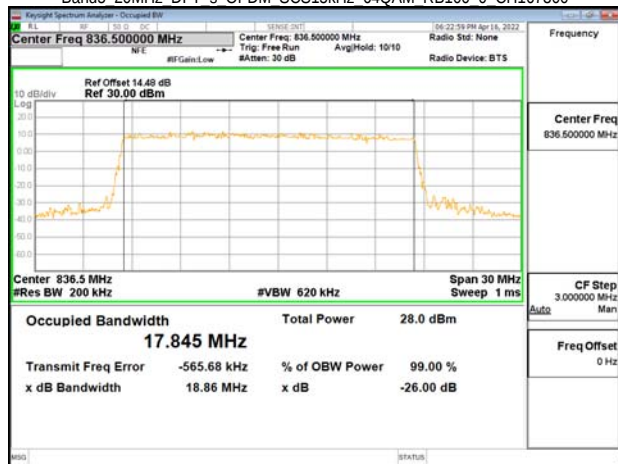
Band5 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH166800



Band5 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH166800



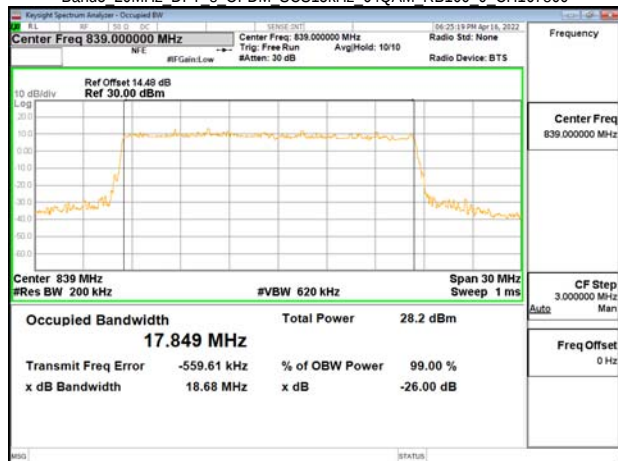
Band5 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH167300



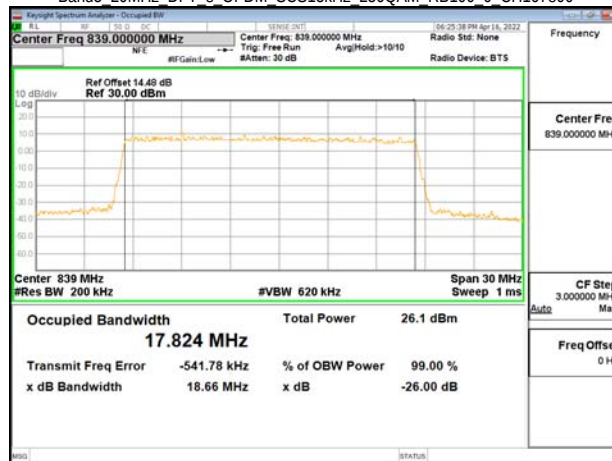
Band5 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH167300



Band5 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH167800



Band5 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH167800

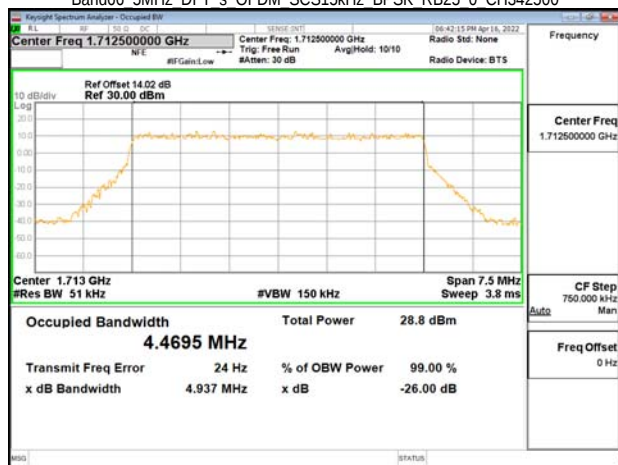


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

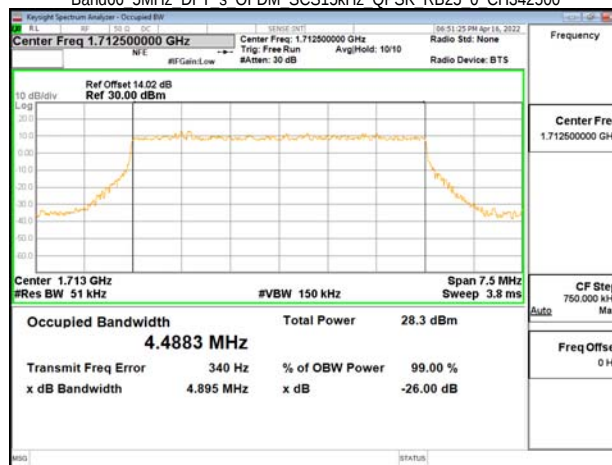
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

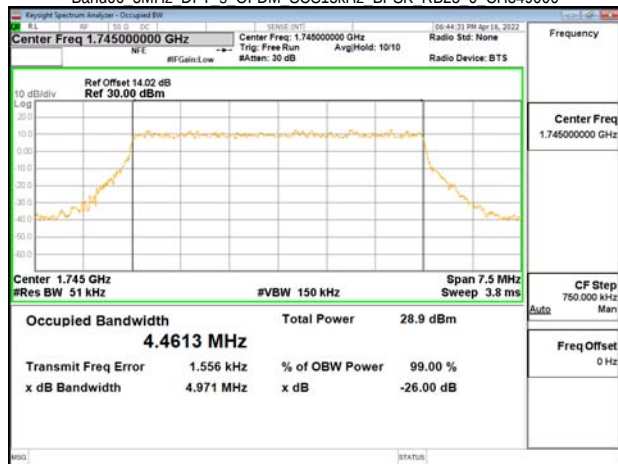
Band66 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH342500



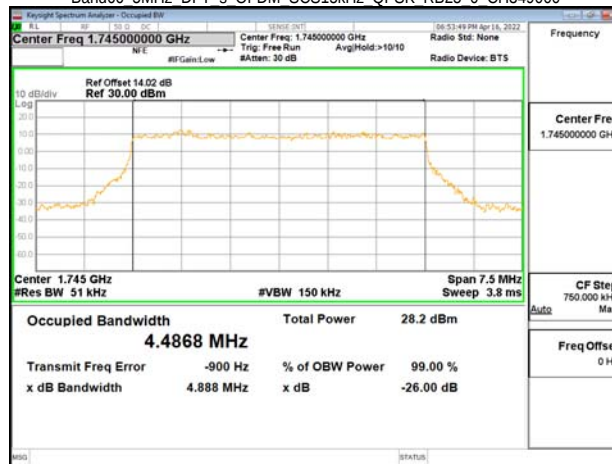
Band66 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH342500



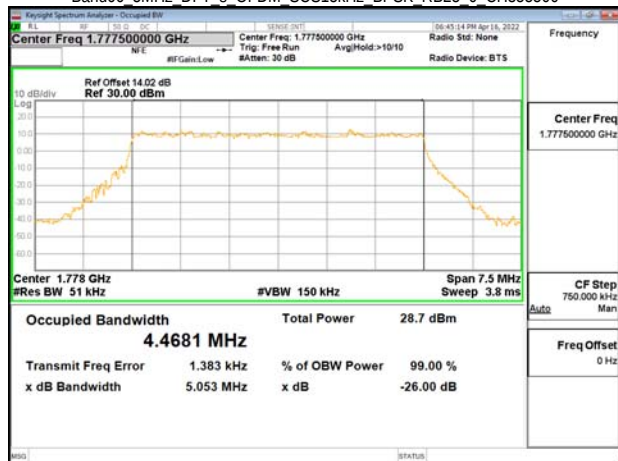
Band66 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH349000



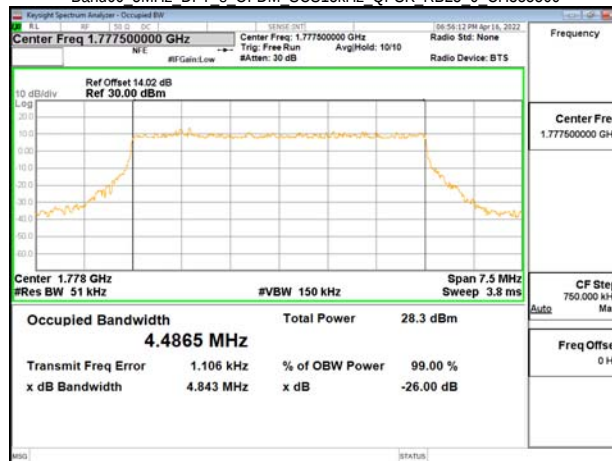
Band66 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH349000



Band66 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH355500



Band66 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH355500

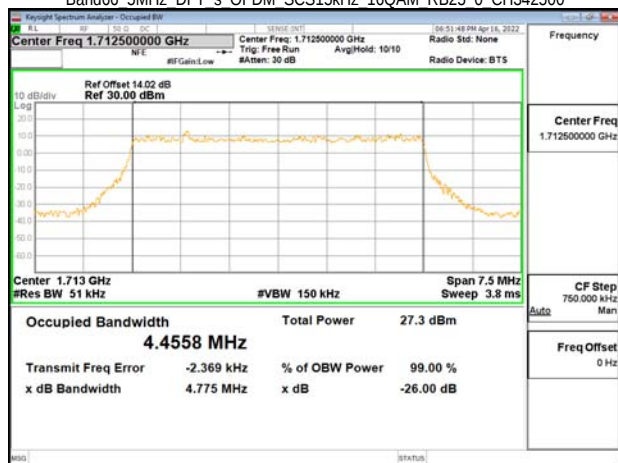


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

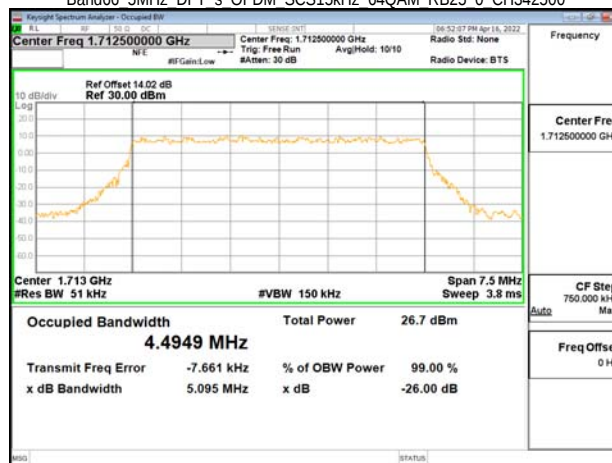
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

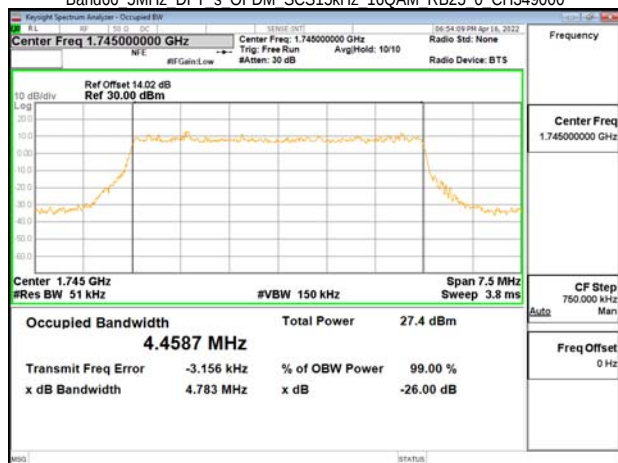
Band66 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH342500



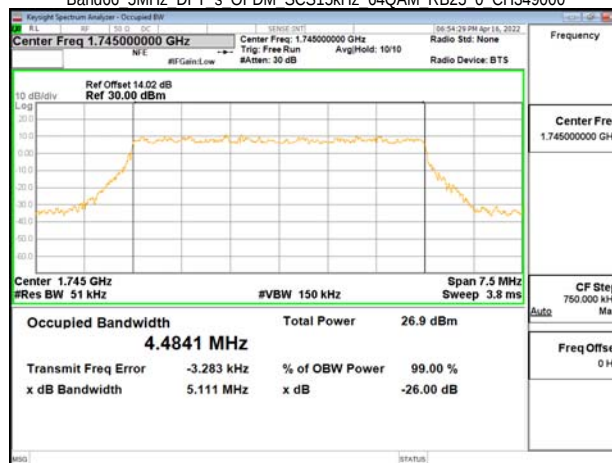
Band66 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH342500



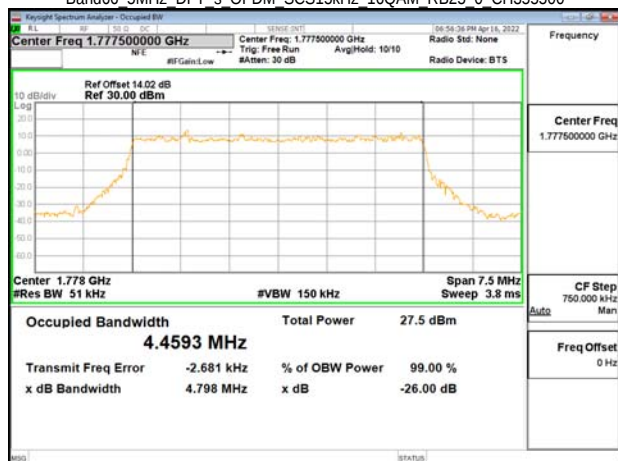
Band66 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH349000



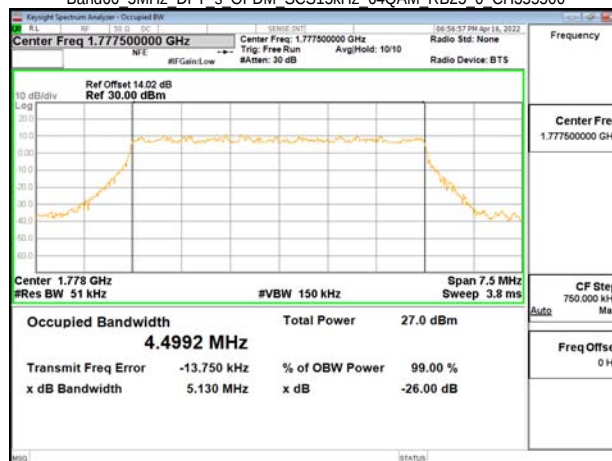
Band66 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH349000



Band66 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH355500



Band66 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH355500

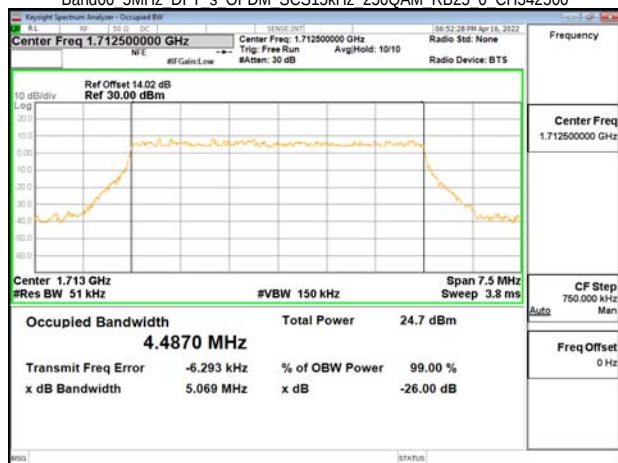


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

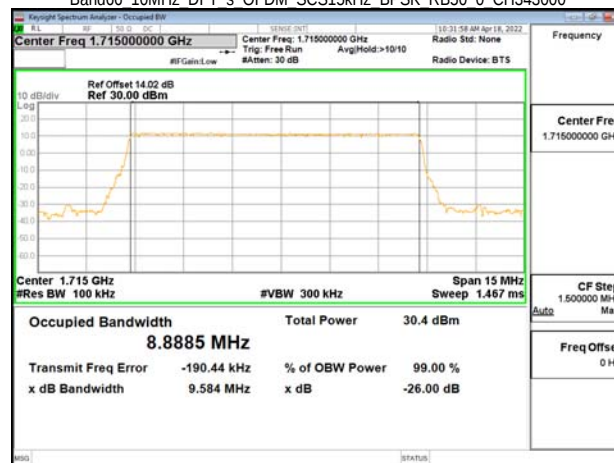
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

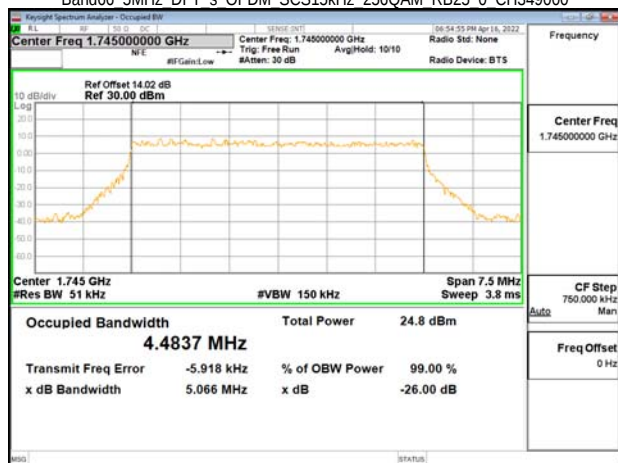
Band66 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH342500



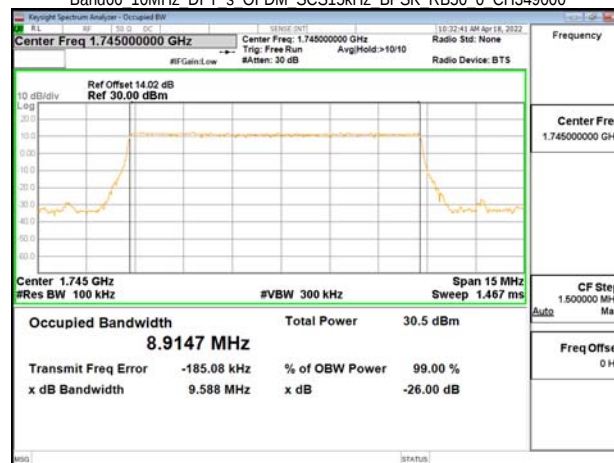
Band66 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH343000



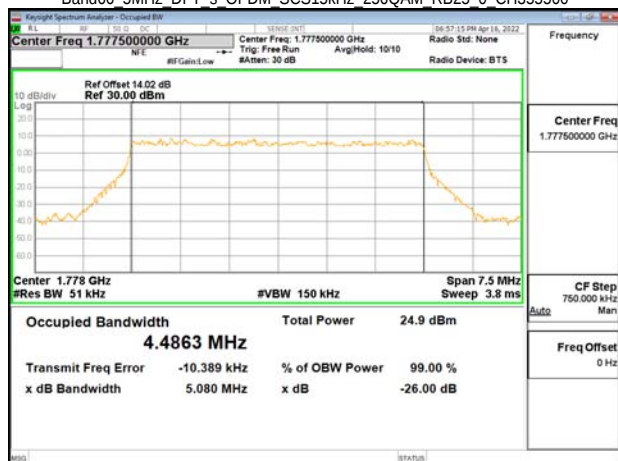
Band66 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH349000



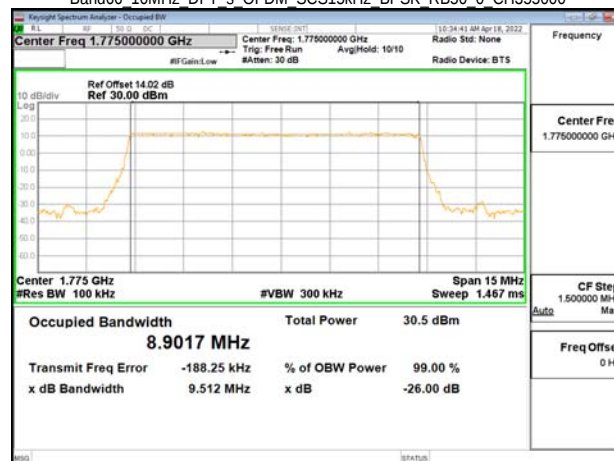
Band66 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH349000



Band66 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH355500



Band66 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH355500

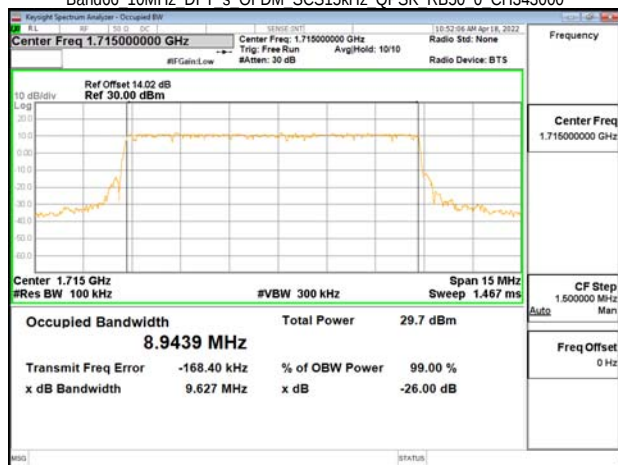


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

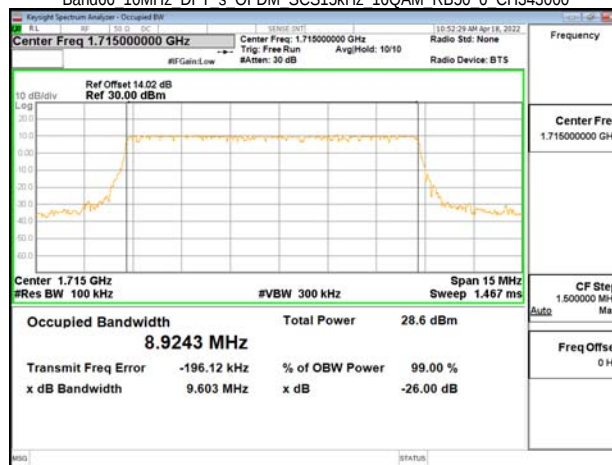
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.

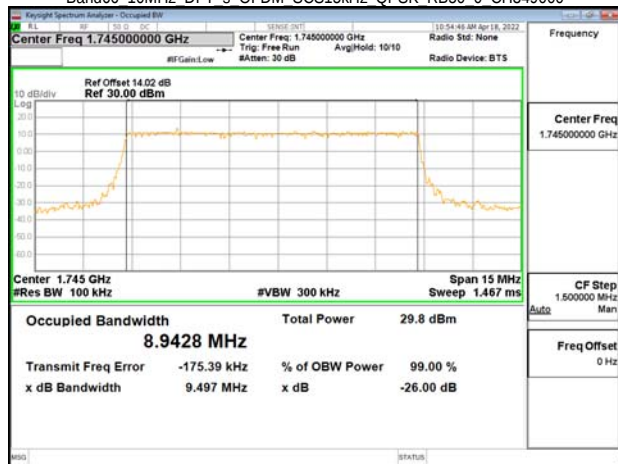
Band66 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH343000



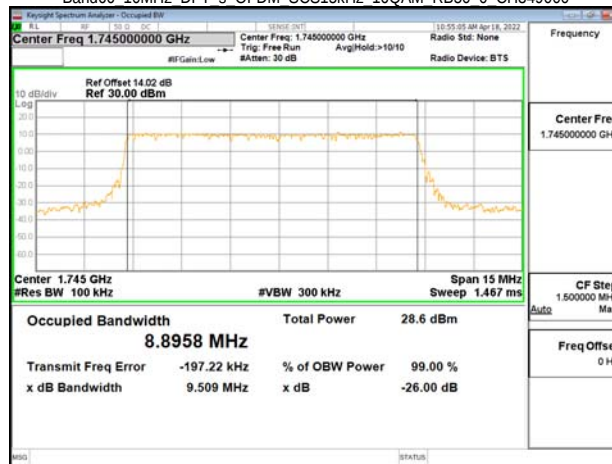
Band66 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH343000



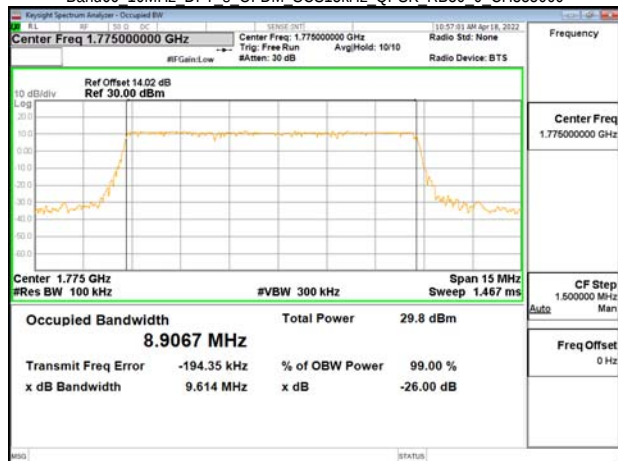
Band66 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH349000



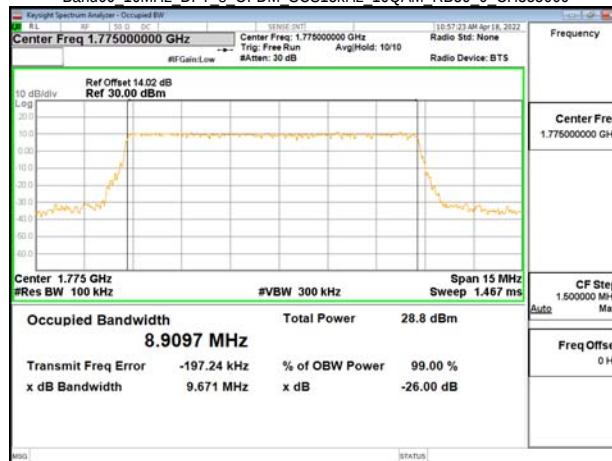
Band66 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH349000



Band66 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH355000



Band66 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH355000



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.