

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



Manufacturer:Telit Wireless Solutions. Co. Ltd. 13th Fl.,Shinyoung Securities Bld, 6, Gukjegeumyung-ro 8-gil, Yeongdeungpo-gu, Seoul, 07330, South KoreaProduct Name:5G Radio ModuleBrand Name:Telit Cinterion or IIIIIModel No.:FN920C04-WWPeroert Number:TERE2410003183EP
Product Name: 5G Radio Module Brand Name: Telit Cinterion or IIIII Model No.: FN920C04-WW Pepert Number: TERE2410003183EP
Brand Name: Telit Cinterion or Model No.: FN920C04-WW Papart Number: TERE2410003183EP
Model No.: FN920C04-WW
Poport Number: TERE2/10003183EP
FCC ID RI7FN920C04WW
Date of EUT Received: October 24, 2024
Date of Test: October 29, 2024 ~ April 16, 2025
Issue Date: April 17, 2025
Jazz Huang
Approved By

Jazz Huang

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 ANSI C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2, 22H & 24E & 25 & 27 C & 90S.

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

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 document sole and the document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction 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.

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.

f (886-2) 2298-0488



Revision History						
Report Number	Revision	Description	Issue Date	Revised By	Remark	
TERF2410003183ER	00	Original	March 21, 2025	Karen Huang		
TERF2410003183ER	01	Update test result	April 14, 2025	Karen Huang	*	
TERF2410003183ER	02	Update Band Edge meansurement of Band 7	April 17, 2025	Karen Huang	*	

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.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 dear and the contracts are company's mining 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	. 11
3	SUMMARY OF TEST RESULTS	.16
4	DESCRIPTION OF TEST MODES	.18
5	MEASUREMENT UNCERTAINTY	.21
6	MEASUREMENT EQUIPMENT USED	. 22
7	STANDARD APPLICABLE	.24
8	TEST SETUP	. 30
9	TEST PROCEDURE	. 34
10	MEASUREMENT RESULTS	. 36
11	PHOTOGRAPHS OF SET UP	. 36
12	PHOTOGRAPHS OF EUT	. 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 not reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Report No.: TERF2410003183ER Page: 4 of 36



GENERAL PRODUCT INFORMATION 1

1.1 **Product Description**

Product Name:	5G Radio Module
Brand Name:	Telit Cinterion or
Model No.:	FN920C04-WW
Hardware Version:	1.10
Firmware Version:	M0V.060001
EUT Series No.:	355411761007558, 355411761006303
Power Supply:	3.3Vdc
Test Software (Name/Version)	Connect with Callbox

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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.

```
www.sgs.com.tw
```



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 7				
BW (MHz)	Operation Frequency (MHz)			
5	2502.5	-	2567.5	
10	2505.0	-	2565.0	
15	2507.5	-	2562.5	
20	2510.0	-	2560.0	

NR Band 12				
BW (MHz) Operation Frequency (MHz)				
5	701.5	-	713.5	
10	704.0	-	711.0	
15	706.5	-	708.5	

NR Band 13				
BW (MHz) Operation Frequency (MHz)				
5 779.5 - 784.5				
10	782	-	782	

NR Band 14				
BW (MHz)	Operation Frequency (MHz)			
5	790.5	-	795.5	
10	793		793	

NR Band 25					
BW (MHz)	Operation Frequency (MHz)				
5	1852.5	-	1912.5		
10	1855.0	-	1910.0		
15	1857.5	-	1907.5		
20	1860.0	-	1905.0		

NR Band 26 (Part 90)				
BW (MHz)	Operation Frequency (MHz)			
5	816.5	-	821.5	
10 819.0 - 819.0				

NR Band 26			
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 30			
BW (MHz) Operation Frequency (MHz)			
5	2307.5	-	2312.5
10	2310	-	2310

NR Band 38			
BW (MHz) Operation Frequency (MHz)			
10	2575.0	-	2615.0
15	2577.5	-	2612.5
20	2580.0	-	2610.0

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.

t (886-2) 2299-3279

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 dear and the contracts are company's mining all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.

台灣檢驗科技股份有限公司

f (886-2) 2298-0488

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



NR Band 41			
BW (MHz) Operation Frequency (MHz)			
10	2501.0	-	2685.0
15	2503.5	-	2682.5
20	2506.0	-	2680.0

NR Band 53			
BW (MHz) Operation Frequency (MHz)			
10	2488.5 - 2490.0		

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

NR Band 70				
BW (MHz) Operation Frequency (MHz)				
5	1697.5 - 1707.5			
10	1700.0	-	1705.0	
15	1702.5	-	1702.5	

NR Band 71			
BW (MHz)	Operation Frequency (MHz)		
5	665.5	-	695.5
10	668.0	-	693.0
15	670.5	-	690.5
20	673.0	-	688.0

NR Band 77 (lower)			
BW (MHz) Operation Frequency (MHz)			
10	3455.0	-	3545.0
15	3457.5	-	3542.5
20	3460.0	-	3540.0

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.

t (886-2) 2299-3279

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 dear and the contracts are company's mining 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.

NR Band 77 (upper)				
BW (MHz) Operation Frequency (MHz)				
10	3705.0 - 3975.0			
15	3707.5	-	3972.5	
20	3710.0	-	3970.0	

NR Band 78 (lower)				
BW (MHz)	Operation Frequency (MHz)			
10	3455.0	-	3545.0	
15	3457.5	-	3542.5	
20	3460.0 - 3540.0			

NR Band 78 (upper)			
BW (MHz)	Operation Frequency (MHz)		
10	3705.0	-	3795.0
15	3707.5	-	3792.5
20	3710.0	-	3790.0

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 f (886-2) 2298-0488

www.sgs.com.tw



1.3 **Antenna Designation**

Antenna Type	Antenna Model No.				
Monopole	TG.55.8113				
Note: Transmission frequencies in this test report are only available by the above antenna(s).					

5G NR Band	Freqency (MHz)	Peak Gain (dBi)	Insertion Loss	Final Gain (dBi)
n2	1850 ~ 1910	3.09	0.3	2.79
n5	824 ~ 849	0.58	0.2	0.38
n7	2500 ~ 2570	1.69	0.5	1.19
n12	699 ~ 716	-1.88	0.2	-2.08
n13	777~787	-1.88	0.2	-2.08
n14	788~798	-1.88	0.2	-2.08
n25	1850 ~ 1915	3.09	0.3	2.79
n26 Part 90s	814 ~ 824	0.58	0.2	0.38
n26	824 ~ 849	0.58	0.2	0.38
n30	2305 ~ 2315	1.69	0.5	1.19
n38	2570 ~ 2620	1.69	0.5	1.19
n41	2496 ~ 2690	1.69	0.5	1.19
n53	2483.5 ~ 2495	1.69	0.5	1.19
n66	1710 ~ 1780	3.09	0.3	2.79
n70	1695 ~ 1710	3.09	0.3	2.79
n71	663 ~ 698	0.14	0.2	-0.06
n77 (lower)	3450 ~ 3550	1.51	0.6	0.91
n77 (upper)	3700 ~ 3980	1.51	0.6	0.91
n78 (lower)	3450 ~ 3550	1.51	0.6	0.91
n78 (upper)	3700 ~ 3800	1.51	0.6	0.91

Note: Antenna information is provided by the applicant.

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 dear and the contracts are company's mining 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.

f (886-2) 2298-0488

www.sgs.com.tw

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.



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

		squency sum			5155			-	1
Bandwidth	Lower	Upper	Modulation	Conducted	EIRP	EIRP	99% BW	99% BW	Tune of Emission
(MHz)	(MH ₇)	(MH ₇)	wodulation	(dBm)	(dBm)	Average	(MHz)	(kHz)	Type of Emission
	(mnz)	(mriz)		(UDIII) 02.01	(ubiii) 06.70	0.469	4.4025	4402.5	414400714/
			DET + ODCK	23.91	20.70	0.400	4.4935	4495.5	41049G7W
F	1050.5	1007.5	DFT-S QPSK	20.0/	20.00	0.403	4.0029	4002.9	410130/G710
5	1002.0	1907.5	CD ODSK	22.04	25.63	0.300	4.5215	4521.5	4W52D7W
			CP QF 3K	22.03	25.04	0.300	4.3023	4502.5	4M52D7W
			DET o DI/2 DDSK	22.33	20.02	0.340	9.077	4JZ 1.J 9077.0	91/09C71//
			DET & OPSK	24.02	20.01	0.460	0.977	9072.6	9M07C7W
10	1955	1005	DET & OAM	23.32	20.71	0.403	0.0/20	00/2.0	0M01D7M
10	1000	1905	CD ODSK	23.13	25.94	0.393	9.0099	9009.9	91010700
			CP QPSK	22.79	25.58	0.301	8.9/25	89/2.5	8M9/G/W
			CP QAM	22.25	25.04	0.319	9.0099	12444.0	9MU1D7W
			DET + ODCK	23.90	20.75	0.473	10.444	13444.0	13M4G7W
45	4057.5	4000 5	DFT-S QPSK	23.92	20.71	0.409	13.453	13453.0	13M5G7W
15	1657.5	1902.5	DFT-S QAM	23.27	20.00	0.404	13.49	13490.0	13/05/07/00
			CP QPSK	22.10	24.89	0.308	13.453	13453.0	13M5G7W
			CP QAM	21.76	24.55	0.285	13.49	13490.0	13M5D7W
			DFT-S PI/2 BPSK	23.99	26.78	0.4/6	17.912	1/912.0	1/M9G/W
	1000		DFT-S QPSK	23.95	26.74	0.4/2	17.935	1/935.0	1/M9G/W
20	1860	1900	DFT-s QAM	23.22	26.01	0.399	17.916	17916.0	17M9D7W
			CP QPSK	22.59	25.38	0.345	17.935	17935.0	17M9G7W
			CP QAM	22.28	25.07	0.321	17.916	17916.0	17M9D7W
5G NR Band	n5_Uplink fre	equency band	: 824 to 849 MHz						
Bandwidth	Low	Upper		Conducted	ERP	ERP	99% BW	99% BW	
(MHz)	Frequency	Frequency	Modulation	Average	Average	Average	(MHz)	(kHz)	Type of Emission
((MHz)	(MHz)		(dBm)	(dBm)	(W)	(12)	(12)	
		-	DFT-s PI/2 BPSK	23.99	22.22	0.167	4.5111	4511.1	4M51G7W
			DFT-s QPSK	23.91	22.14	0.164	4.4983	4498.3	4M50G7W
5	826.5	846.5	DFT-s QAM	23.26	21.49	0.141	4.5232	4523.2	4M52D7W
			CP QPSK	22.64	20.87	0.122	4.4983	4498.3	4M50G7W
			CP QAM	22.43	20.66	0.116	4.5232	4523.2	4M52D7W
			DFT-s PI/2 BPSK	23.98	22.21	0.166	8.9616	8961.6	8M96G7W
			DFT-s QPSK	23.96	22.19	0.166	8.9798	8979.8	8M98G7W
10	829	844	DFT-s QAM	23.25	21.48	0.141	9.003	9003.0	9M00D7W
			CP QPSK	22.79	21.02	0.126	8.9798	8979.8	8M98G7W
			CP QAM	22.20	20.43	0.110	9.003	9003.0	9M00D7W
			DFT-s PI/2 BPSK	24.03	22.26	0.168	13.474	13474.0	13M5G7W
			DFT-s QPSK	23.95	22.18	0.165	13.492	13492.0	13M5G7W
15	831.5	841.5	DFT-s QAM	23.12	21.35	0.136	13.472	13472.0	13M5D7W
			CP QPSK	22.62	20.85	0.122	13.492	13492.0	13M5G7W
			CP QAM	22.15	20.38	0.109	13.472	13472.0	13M5D7W
			DFT-s PI/2 BPSK	23.99	22.22	0.167	17.925	17925.0	17M9G7W
			DFT-s QPSK	23.98	22.21	0.166	17.953	17953.0	18M0G7W
20 0		830							
20	834	839	DFT-s QAM	23.06	21.29	0.135	17.973	17973.0	18M0D7W
20	834	839	DFT-s QAM CP QPSK	23.06 22.59	21.29 20.82	0.135	17.973 17.953	17973.0 17953.0	18M0D7W 18M0G7W
20	834	839	DFT-s QAM CP QPSK CP QAM	23.06 22.59 22.14	21.29 20.82 20.37	0.135 0.121 0.109	17.973 17.953 17.973	17973.0 17953.0 17973.0	18M0D7W 18M0G7W 18M0D7W
20 5G NR Band	834 n7 Uplink fre	839 equency band	DFT-s QAM CP QPSK CP QAM : 2500 to 2570 MHz	23.06 22.59 22.14	21.29 20.82 20.37	0.135 0.121 0.109	17.973 17.953 17.973	17973.0 17953.0 17973.0	18M0D7W 18M0G7W 18M0D7W
20 5G NR Band	834 n7_Uplink fre	839 equency band Upper	DFT-s QAM CP QPSK CP QAM : 2500 to 2570 MHz	23.06 22.59 22.14 Conducted	21.29 20.82 20.37 EIRP	0.135 0.121 0.109 EIRP	17.973 17.953 17.973	17973.0 17953.0 17973.0	18M0D7W 18M0G7W 18M0D7W
20 5G NR Band Bandwidth	834 n7_Uplink fre Low Frequency	839 equency band Upper Frequency	DFT-s QAM CP QPSK CP QAM I : 2500 to 2570 MHz Modulation	23.06 22.59 22.14 Conducted Average	21.29 20.82 20.37 EIRP Average	0.135 0.121 0.109 EIRP Average	17.973 17.953 17.973 99% BW	17973.0 17953.0 17973.0 99% BW	18M0D7W 18M0G7W 18M0D7W
20 5G NR Band Bandwidth (MHz)	834 n7_Uplink fre Low Frequency (MHz)	839 equency band Upper Frequency (MHz)	DFT-s QAM CP QPSK CP QAM I: 2500 to 2570 MHz Modulation	23.06 22.59 22.14 Conducted Average (dBm)	21.29 20.82 20.37 EIRP Average (dBm)	0.135 0.121 0.109 EIRP Average (W)	17.973 17.953 17.973 99% BW (MHz)	17973.0 17953.0 17973.0 99% BW (kHz)	18M0D7W 18M0G7W 18M0D7W Type of Emission
20 5G NR Band Bandwidth (MHz)	834 n7_Uplink fre Low Frequency (MHz)	839 equency band Upper Frequency (MHz)	DFT-S QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-S PI/2 BPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86	21.29 20.82 20.37 EIRP Average (dBm) 25.05	0.135 0.121 0.109 EIRP Average (W) 0.320	17.973 17.953 17.973 99% BW (MHz) 4.5108	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8	18M0D7W 18M0G7W 18M0D7W Type of Emission 4M51G7W
20 5G NR Band Bandwidth (MHz)	834 n7_Uplink fre Low Frequency (MHz)	839 equency band Upper Frequency (MHz)	DFT-s QAM CP QPSK CP QAM I: 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3	18M0D7W 18M0G7W 18M0D7W Type of Emission 4M51G7W 4M52G7W
20 5G NR Band Bandwidth (MHz) 5	834 n7_Uplink fre Low Frequency (MHz) 2502.5	839 equency band Upper Frequency (MHz) 2567.5	DFT-s QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1	18M0D7W 18M0G7W 18M0D7W Type of Emission 4M51G7W 4M52G7W 4M52D7W
20 5G NR Band Bandwidth (MHz) 5	834 n7_Uplink fre Low Frequency (MHz) 2502.5	839 equency banc Upper Frequency (MHz) 2567.5	DFT-s QAM CP QPSK CP QAM I: 2500 to 2570 MHz Modulation DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3	18M0D7W 18M0G7W 18M0D7W Type of Emission 4M51G7W 4M52G7W 4M52G7W
20 5G NR Band Bandwidth (MHz) 5	834 n7_Uplink fre Low Frequency (MHz) 2502.5	839 Upper Frequency (MHz) 2567.5	DFT-s QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1	18M0D7W 18M0G7W 18M0D7W Type of Emission 4M51G7W 4M52G7W 4M52D7W 4M52D7W
20 5G NR Band Bandwidth (MHz) 5	834 n7_Uplink fre Low Frequency (MHz) 2502.5	839 Upper Frequency (MHz) 2567.5	DFT-S QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-S PI/2 BPSK DFT-S QPSK DFT-S QAM CP QPSK CP QAM DFT-S PI/2 BPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.328	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 8.9538	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 8953.8	18M0D7W 18M0G7W 18M0D7W 7ype of Emission 4M51G7W 4M52G7W 4M52G7W 4M51D7W 8M95C7W
20 5G NR Band Bandwidth (MHz) 5	834 n7_Uplink fre Low Frequency (MHz) 2502.5	839 equency banc Upper Frequency (MHz) 2567.5	DFT-5 QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-5 PI/2 BPSK DFT-6 QPSK CP QAM DFT-5 PI/2 BPSK DFT-5 PI/2 BPSK DFT-5 QPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.328 0.316	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5071 8.9538 8.9955	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 8953.8 8995.5	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 4M55D7W 4M55D7W 9M0G7W 9M0G7W
20 SG NR Band Bandwidth (MHz) 5 10	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505	839 Upper Frequency (MHz) 2567.5 2565	DFTs QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs QPSK DFTs QPSK DFTs QPSK CP QPSK CP QPSK DFTs QPSK	23.06 22.59 22.14 22.14 22.14 23.86 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.83	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.212 0.316 0.316 0.325	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 8.9655 9.0006	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 8953.8 8955.5 9000.6	18M0D7W 18M0G7W 18M0D7W 4M51G7W 4M52G7W 4M52G7W 4M52G7W 4M52D7W 8M95G7W 9M00G7W 9M00G7W 9M00D7W
20 5G NR Band Bandwidth (MHz) 5 10	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505	839 equency banc Upper Frequency (MHz) 2567.5 2565	DFT-6 QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-6 VI2 BPSK DFT-6 QPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.05 23.97 23.81 22.83 22.67	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.05 24.06 23.57 23.24 25.16 25.16 25.06 24.02 23.86	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.328 0.211 0.328 0.211 0.328 0.225 0.224	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 8.9558 8.9955	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 8955.5	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M51D7W 4M52G7W 9M00G7W 9M00G7W 9M00D7W 9M00G7W
20 5G NR Band Bandwidth (MHz) 5 10	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505	839 equency banc Upper Frequency (MHz) 2567.5 2565	DFTs QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QAM CP QAM CP QPSK DFTs PI/2 BPSK DFTs PI/2 BPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM CP QPSK DFTs QAM CP QPSK CP QPSK CP QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 23.83 22.05 23.97 23.81 22.05 23.97 23.81 22.67 22.14	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 25.02 23.27 23.24 25.16 25.00 24.02 23.86 23.33	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.328 0.211 0.328 0.211 0.328 0.211	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 8.9538 8.9955 9.0006	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4557.1 4557.1 8953.8 8995.5 9000.6	18M0D7W 18M0D7W Type of Emission 4M51G7W 4M52G7W 4M52G7W 4M52D7W 4M52D7W 4M52D7W 4M52D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W
20 5G NR Band Bandwidth (MHz) 5 10	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505	839 equency banc Upper Frequency (MHz) 2567.5 2565	DFTs_QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs_PI/2 BPSK DFTs_QAM CP QAM CP QAM DFTs_QAM CP QAM DFTs_QAM CP QAM DFTs_QAM DFTs_QAM DFTs_QAM CP QAM DFTs_QAB DFTs_QAB DFTs_QAB DFTS_PI2 BPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.83 23.97 23.81 22.83 22.67 23.97 23.81 22.83 22.67 23.97 23.81 22.83 22.67 22.14	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.63 25.00 24.02 23.33 25.09	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.316 0.328 0.316 0.252 0.3216 0.322	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 8.9558 8.9955 9.0006 8.99559 9.0006 13.448	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 8953.8 8995.5 9000.6 8995.5 9000.6 13448.0	18M0D7W 18M0G7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 4M51D7W 4M52C7W 9M00G7W 9M00G7W 9M00D7W 13M4G7W
20 SG NR Band Bandwidth (MHz) 5 10	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505	839 equency banc Upper Frequency (MHz) 2567.5 2565	DFTs QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QPSK DFTs QPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.83 22.67 22.14 23.90 23.87	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 23.57 23.24 25.16 25.00 24.02 23.86 23.33 25.09 25.06	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.225 0.228 0.211 0.326 0.225 0.221 0.316 0.252 0.221 0.316	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 8.9955 9.0006 8.9955 9.0006 13.448	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 8953.8 8995.5 9000.6 8995.5 9000.6 13448.0	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 9M00G7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W
20 SG NR Band Bandwidth (MHz) 5 10 15	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505 2505 2507.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5	DFTs_QAM CP QPSK CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs_PI/2 BPSK DFTs_QPSK DFTs_QPSK CP QAM DFTs_QAM DFTs_QAM DFTs_QAM DFTs_QAM DFTs_QAM DFTs_QAM DFTs_QAM DFTs_QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.87 22.38 22.87 22.38 22.67 23.97 23.81 22.63 22.67 22.14 23.90 22.71 23.90 22.97	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.33 25.09 25.09 25.09 25.09 24.16	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.228 0.211 0.328 0.211 0.328 0.211 0.328 0.211 0.255 0.243 0.215 0.243 0.215 0.321 0.321	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 8.9538 8.9955 9.0006 8.9955 9.0006 13.448 13.445	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 8953.8 8995.5 9000.6 8995.5 9000.6 13448.0 13441.0 13445.0	18M0D7W 18M0G7W 18M0D7W 4M51G7W 4M52G7W 4M51G7W 4M51D7W 4M51D7W 8M95G7W 9M00G7W 9M00G7W 9M00G7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W
20 5G NR Band Bandwidth (MHz) 5 10 15	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505 2505 2507.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2565	DFTs QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs PI/2 BPSK DFTs QPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.83 22.65 23.91 22.83 22.65 23.91 22.14 23.90 22.14 22.97 22.59	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 23.57 23.24 25.10 25.00 24.02 23.00 24.02 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.33 25.09 25.06 23.37 24.47 23.37 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 23.37 24.47 24.47 23.37 24.47	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.316 0.316 0.316 0.316 0.316 0.316 0.312 0.312 0.321 0.323 0.321 0.221	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5108 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 8.9655 9.0006 8.9955 9.0006 13.448 13.4481 13.445 13.445	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4510.8 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 8995.5 9000.6 8995.5 9000.6 13448.0 13448.0 13448.0 13448.0	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M52G7W 4M51D7W 8M9G27W 4M5007W 9M0007W 9M0007W 9M0007W 9M0007W 13M4G7W 13M5G7W 13M5G7W 13M5G7W
20 5G NR Band Bandwidth (MHz) 5 10 15	834 n7 Uplink fre Low Frequency (MHz) 2502.5 2505 2505 2507.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2565	DFT-s QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QAM DFT-s QPSK DFT-s QAM CP QPSK DFT-s QPSK DFT-s QAM CP QAM CP QAM CP QAM CP QAM	23.06 22.59 22.14 Average (dBm) 23.86 23.83 22.87 22.38 22.87 22.38 22.97 23.81 22.83 22.67 22.14 23.97 23.87 22.97 22.59 21.97	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.86 23.38 25.09 25.06 24.02 23.86 23.33 25.09 25.06 24.16 23.316	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.326 0.225 0.211 0.326 0.225 0.221 0.321 0.321 0.321 0.322 0.321 0.321	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 4.51944 5.5193 4.5193 4.5193 4.5193 4.	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4507.1 4507.1 4507.1 8995.5 9000.6 8995.5 9000.6 13448.0 13448.0 13448.0	18M0D7W 18M0D7W 18M0D7W Type of Emission 4M51G7W 4M51G7W 4M51G7W 4M51D7W 4M51D7W 4M51D7W 8M50G7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W 13M4D7W
20 SG NR Band Bandwidth (MHz) 5 10 15	834 n7_Uplink fre Low F(MHz) 2502.5 2505 2505 2507.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2565 2562.5	DFTs QAM CP QPSK CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs PI/2 BPSK DFTs QPSK	23.06 22.59 22.14 Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.67 22.14 23.90 23.87 22.14 23.90 23.87 22.59 21.97 22.59 23.91	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 23.24 25.16 25.00 24.02 23.86 25.09 25.06 25.06 25.06 25.06 25.06 25.06 25.06 25.06 25.06 25.06 25.06 25.07 23.38 25.09 25.06 25.06 25.09 25.06 25.09 25.06 25.09 25.09 25.09 25.09 25.09 25.09 25.09 25.09 25.09 25.09 25.09 26.09 27.00 27.09 27.00	0.135 0.121 0.109 Average (M) 0.320 0.318 0.255 0.228 0.318 0.325 0.328 0.316 0.328 0.316 0.252 0.221 0.321 0.321 0.225 0.321 0.225 0.323 0.321 0.323 0.321	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5071 4.5193 4.5071 4.5071 4.5071 4.5071 4.5071 8.9538 8.9955 9.0006 13.448 13.448 13.445 13.445 13.441 13.445	17973.0 17953.0 17973.0 17973.0 4510.8 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 8953.8 8955.5 9000.6 13448.0 13481.0 13481.0 13481.0 13481.0	18M0D7W 18M0G7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 4M52G7W 9M00G7W 9M00G7W 9M00G7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W 13M4G7W
20 5G NR Band Bandwidth (MHz) 5 10 15	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505 2505 2507.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5	DFT-s QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM DFT-s QPSK DFT-s QPSK DFT-s QPSK CP QPSK CP QPSK CP QPSK DFT-s PI/2 BPSK DFT-s PI/2 BPSK DFT-s QPSK DFT-s PI/2 BPSK	23.06 22.59 22.14 Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.67 22.14 23.90 23.87 22.59 22.59 22.59 22.97 23.97 23.81 22.67 22.14 23.90 23.87 22.59 21.97 23.91 23.82	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.86 23.33 25.09 25.06 24.16 23.37 25.06 23.37 25.06 25.01 25.01 25.01	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.316 0.255 0.228 0.316 0.255 0.228 0.316 0.255 0.223 0.321 0.321 0.321 0.321 0.321 0.321	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5193 4.5071 8.9538 8.9955 9.0006 8.9955 9.0006 8.9955 9.0006 8.9955 9.0006 13.448 13.445 13.445 13.445 13.445	17973.0 17953.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4507.1 4507.1 8953.8 8995.5 9000.6 13481.0 13448.0 13448.0 13448.0 13445.0	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 4M51D7W 4M51D7W 4M51D7W 9M00G7W 9M00G7W 9M00G7W 9M00D7W 13M4G7W 13M5G7W 13M457W 13M457W 13M457W 13M457W 13M457W 13M457W 13M457W 13M457W 13M457W
20 5G NR Band Bandwidth (MHz) 5 10 15 20	834 n7_Uplink fre Low Fequency (MHz) 2502.5 2505 2505 2507.5 2510	839 quency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2562.5 2560	DFT-s QAM CP QPSK CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM	23.06 22.59 22.14 Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.83 22.65 23.97 23.81 22.83 22.65 23.97 22.14 23.90 22.14 23.97 22.59 22.97 22.59 23.91 23.82 23.02	21.29 20.32 20.37 EIRP Average (dBm) 25.05 25.02 24.06 25.02 24.06 23.24 25.16 25.00 24.02 23.33 25.09 25.00 24.16 23.78 23.37 25.10 25.10 25.10 25.10 25.10 25.10 25.10	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.228 0.211 0.228 0.211 0.328 0.211 0.328 0.211 0.328 0.215 0.221 0.316 0.225 0.211 0.321 0.321 0.321 0.321 0.323 0.241 0.321 0.261 0.324 0.324 0.324	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5071 4.5193 4.5071 4.5071 4.5193 4.5071 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 13.445 17.455 13.445 13.445 13.445 13.445 17.455 13.445 13.445 13.445 13.445 17.455 13.445 17.455 13.445 17.4555 17.4555 17.4555 17.45555 17.4555557 17.4555555555555555555555555555555	17973.0 17953.0 17973.0 17973.0 4510.8 4510.8 4519.3 4507.1 4519.3 4507.1 8953.8 8995.5 9000.6 8995.5 9000.6 8995.5 9000.6 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0	18M0D7W 18M0G7W 18M0D7W Type of Emission 4M51G7W 4M52G7W 4M51G7W 4M51D7W 4M51D7W 8M95G7W 9M00G7W 9M00G7W 9M00G7W 13M4G7W 13M
20 5G NR Band Bandwidth (MHz) 5 10 15 20	834 n7_Uplink frr Low Frequency (MHz) 2502.5 2505 2505 2507.5 2510	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560	DFT-s QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QPSK DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QPSK DFT-s QPSK DFT-s QAM CP QASK DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.83 22.67 22.14 23.87 22.59 23.87 22.59 21.97 22.59 21.97 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.92 24.9	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.86 23.33 24.02 23.86 23.33 25.09 25.06 24.10 23.36 23.16 23.16 25.01 25.51 23.55	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.328 0.211 0.328 0.211 0.328 0.215 0.321 0.321 0.225 0.321 0.322 0.321 0.321 0.321 0.322 0.321 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.322 0.321 0.322 0.322 0.322 0.321 0.322 0.321 0.322 0.322 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0	17.973 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 8.9955 9.0006 8.9955 9.0006 13.448 13.4481 13.445 13.445 13.445 13.445 13.445 13.445	17973.0 17953.0 17973.0 17973.0 99% BW (kHz) 4510.8 4510.8 4519.3 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 3455.0 13448.0 13448.0 13448.0 13445.0 13445.0 13445.0 13445.0 17922.0	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 8M95G7W 4M51D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M5G7W 17M9G7W 18M0D7W 17M5G7W
20 5G NR Band Bandwidth (MHz) 5 10 15 20	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2505 2507.5 2510	839 equency banc Upper Frequency (MHz) 2567.5 2565 2565 2562.5 2560	DFT-s QAM CP QPSK CP QAM CP QAM I 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QAM CP QAM DFT-s QPSK DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.05 22.97 23.81 22.83 22.67 22.14 22.83 22.67 22.14 22.83 22.67 22.14 22.83 22.67 22.14 22.97 22.59 21.97 22.59 21.97 23.81 22.97 22.59 21.91 23.82 22.97 22.59 21.91 22.59 21.91 23.82 22.97 22.59 21.91 23.82 22.97 22.59 21.91 23.82 22.97 22.59 21.91 23.82 22.97 22.59 21.91 23.82 22.97 22.59 21.91 23.82 22.97 22.59 21.91 22.97 23.97 22.97 22.97 23.97 23.97 22.97 23.97 22.97 23.97 22.97 23.97 22.97 23.97 23.97 22.97 23.97 22.97 23.97 22.97 23.97	21.29 20.37 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.27 23.24 25.10 25.00 24.02 25.00 24.02 23.33 25.00 24.02 25.06 24.16 23.31 25.00 24.16 23.31 25.01 25.	0.135 0.121 0.109 0.109 0.320 0.320 0.318 0.228 0.211 0.328 0.228 0.211 0.328 0.228 0.211 0.328 0.215 0.316 0.243 0.215 0.321 0.321 0.321 0.321 0.225 0.2215 0.321 0.225 0.321 0.226 0.321 0.226 0.321 0.226 0.322 0.227 0.226 0.207 0.324 0.264 0.228	17.973 17.953 17.973 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5193 9.0006 8.9955 9.0006 13.448 13.445 13.445 13.445 13.445 13.445 13.445 13.445 13.445 17.992 17.995	17973.0 17973.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 8953.8 8995.5 9000.6 8995.5 9000.6 13448.0 13448.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 4M51G7W 4M51G7W 4M51D7W 8M95G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 13M4G7W 13M4D7W 13M4G7W 13M4D7W 13M4D7W 18M0D7W
20 5G NR Band Bandwidth (MHz) 5 10 15 20 5G NR Band	834 n7_Uplink frr Low Frequency (MHz) 2502.5 2505 2505 2507.5 2510 n12_Uplink fr	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 equency ban	DFT-s QAM CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFT-s QPI2 BPSK DFT-s QPS DFT-s QPSK CP QAM CP QAM DFT-s QPI2 BPSK DFT-s QPSK D	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.87 22.38 22.67 22.14 23.90 23.87 22.59 21.97 22.59 21.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.87 22.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.91 23.97 23.91 23.91 23.97 23.91 24.91 24.91 24.91 24.91 24.91 24.91 24.9	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.86 23.33 25.09 25.06 24.16 23.78 23.16 25.01 25.01 25.01 25.01 25.01 25.01 25.01	0.135 0.121 0.109 EIRP Average (M) 0.320 0.318 0.255 0.228 0.211 0.318 0.255 0.228 0.211 0.328 0.326 0.326 0.321 0.225 0.321 0.322 0.322 0.322 0.321 0.321 0.321 0.321 0.321 0.321 0.325 0.322 0.321 0.321 0.321 0.325 0.322 0.321 0.322 0.321 0.322 0.321 0.321 0.322 0.321 0.321 0.322 0.321 0.325 0.322 0.325 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.322 0.324 0.225 0.225 0.225 0.225 0.225 0.324 0.225 0.255 0	17.973 17.953 17.953 99% BW (MHz) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5193 4.5071 4.5071 4.5071 4.5071 4.5071 4.5071 4.5095 9.0006 8.9955 9.0006 8.9955 9.0006 8.9955 9.0006 8.9955 9.0006 8.4451 13.445 13.445 13.445 13.445 13.445 13.445 17.952 17.955	17973.0 17973.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 9000.6 9000.6 9000.6 9000.6 9000.6 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 17912.0 17965.0	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 8M96G7W 4M51D7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M5G7W 17M5G7W 18M0D7W 17M5G7W 18M0D7W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 SG NR Band Band - W	834 n7 Uplink fre Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12 Uplink ft Low	839 equency banc Upper Frequency (MHz) 2567.5 2565 2565 2562.5 2560 equency banc Upper	DFT-s QAM CP QPSK CP QPSK CP QAM S 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK C	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.83 22.67 22.14 22.83 22.67 22.14 23.89 22.67 22.14 23.87 22.97 22.59 21.97 23.91 23.87 22.97 22.59 21.97 23.91 23.82 21.97 22.97 23.97 24.97 24.97 24.97 24.97 24.97 24.97 24.97	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.36 23.37 25.06 24.02 23.386 23.37 25.06 24.16 23.78 23.37 25.00 24.16 23.78 23.37 25.00 24.21 23.21 25.01 25.01 24.21 23.21 25.01 25.01 25.01 25.02 25	0.135 0.121 0.109 0.109 0.109 0.320 0.320 0.320 0.320 0.328 0.228 0.228 0.228 0.228 0.228 0.228 0.228 0.221 0.328 0.328 0.321 0.225 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.325 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.322 0.321 0.225 0.322 0.322 0.322 0.322 0.322 0.322 0.225 0.225 0.225 0.225 0.225 0.225 0.225 0.227 0.225 0.227 0.225 0.227 0.229 0.209 0.229 0.2990 0.2990 0.2990 0.2990 0.299000000000	17.973 17.953 17.953 99% BW (MHz) 4.5108 4.5193 4.5071 4.5071 4.5071 4.5071 4.5071 4.5071 8.9538 8.9955 9.0006 8.9955 9.0006 8.9955 9.0006 13.448 13.445 13.445 13.445 13.445 13.445 17.929 17.965	17973.0 17973.0 17973.0 99% BW (kHz) 4510.8 4519.3 4507.1 8953.8 8955.5 9000.6 13481.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 13445.0 17929.0 17926.0	18M0D7W 18M0D7W 18M0D7W Type of Emission 4M51G7W 4M52G7W 4M51G7W 4M51D7W 4M51D7W 4M51D7W 8M90G7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M5G7W 13M
20 5G NR Band Bandwidth (MHz) 5 10 15 20 5G NR Band Bandwidth	834 n7 Uplink frr Low Frequency (MHz) 2502.5 2505 2507.5 2507.5 2510 n12 Uplink fr Low Frequency 757 2510	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 equency ban Upper Frequency ban	DFT-s QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QAM DFT-s QPSK CP QAM DFT-s QAM CP QAM DFT-s QAM DFT-s QPSK CP QAM DFT-s QPSK DFT-s QAM CP QAM DFT-s QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM CP QAM DFT-s QAM CP QAM CP QAM G89 to 716 MHz	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.87 23.397 23.81 22.83 22.67 23.97 20.97	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 23.57 23.24 24.06 25.16 25.16 25.16 25.16 25.00 24.02 23.86 25.00 25.06 24.02 23.86 25.00 25.06 25.06 25.06 25.06 25.06 25.06 25.06 25.06 25.07 25.06 25.07 25.06 25.07 25.06 25.07	0.135 0.121 0.109 0.109 0.109 0.109 0.109 0.109 0.320 0.320 0.320 0.321 0.255 0.228 0.328 0.328 0.328 0.328 0.328 0.328 0.321 0.252 0.243 0.323 0.321 0.323 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.323 0.321 0.321 0.323 0.321 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.321 0.323 0.321 0.321 0.321 0.321 0.325 0.325 0.328 0.325 0.328 0.325 0.328 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.325 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.321 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.327 0.324 0.324 0.327 0.324 0.324 0.327 0.324 0.324 0.327 0.324 0.325 0.324 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.355 0.355 0.355 0.355 0.355 0.355 0.355 0.355 0.355 0.355 0.355 0.355	17.973 17.953 17.953 99% BW (MH2) 4.5108 4.5193 4.5071 4.5193 4.5071 4.5071 4.5071 4.5071 4.5071 4.5071 4.5071 4.5071 4.5071 13.445 13.445 13.445 13.445 13.445 13.445 13.445 13.445 17.955 17.929 17.965	17973.0 17953.0 17953.0 17973.0 4510.8 4510.8 4510.8 4510.4 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 19.3 4507.1 19.3 4507.1 19.3 4507.1 19.3 4507.1 19.3 19.4 19.4 19.4 19.4 19.4 19.4 19.4 19.4	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M50D7W 9M00G7W 9M00D7W 9M00D7W 13M4G7W 13M5G7W 13M507W 18M0D7W 18M0D7W 18M0D7W 18M0D7W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 SG NR Band (MHz)	834 n7_Uplink frf Low Frequency (MHz) 2502.5 2507.5 2507.5 2510 n12_Uplink fr Low Frequency (MHz)	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 requency ban Upper Frequency (MHz)	DFTs QAM CP QPSK CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM CP QPSK DFTs QPSK CP QAM CP QAM CP QPSK CP QAM CP QAM CP QAM CP QPSK CP QAM CP QAM CP QAM CP QAM CP QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.59 22.05 23.97 22.59 22.67 22.14 23.81 22.67 22.14 23.87 22.67 22.14 23.87 22.59 22.59 21.97 23.91 23.81 23.02 22.59 21.97 23.91 23.91 23.91 23.91 23.91 23.91 23.91 23.91 23.91 23.91 23.91 23.91 24.91 25.912	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.16 23.78 25.00 24.16 23.78 25.00 24.16 23.78 25.00 24.16 23.78 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 25.00 24.00 23.38 25.00 24.00 23.38 25.00 24.16 25.00 24.10 25.00 24.00 23.38 25.00 25.00 24.16 25.00 24.10 25.00 25.00 24.10 25.00 25.	0.135 0.121 0.109 EIRP Average (W) 0.320 0.318 0.255 0.228 0.211 0.326 0.215 0.228 0.211 0.326 0.215 0.228 0.211 0.326 0.225 0.228 0.221 0.321 0.321 0.322 0.321 0.322 0.322 0.322 0.322 0.322 0.322 0.322 0.322 0.322 0.207 0.322 0.207 0.327 0.207 0.327 0.207 0.327 0.207 0.327 0.207 0.327 0.207 0.327 0.207 0.327 0.225 0.207 0.225 0.207 0.225 0.207 0.225 0.227 0.229 0.227 0.227 0.229 0.229 0.207 0.227 0.229 0.207 0.229 0.207 0	17.973 17.953 17.953 17.953 4.5108 4.5108 4.5108 4.5071 4.5193 4.5071 4.5193 4.5071 4.5071 4.5071 8.9955 9.0006 8.9955 9.0006 8.9955 9.0006 13.448 13.445 14.572 17.9555 17.9555 17.9555 17.9555 17.95555 17.955555 17.95555555555555555555555555555555	17973.0 17953.0 17953.0 17973.0 17973.0 17973.0 17973.0 17973.0 14507.1 4519.3 4519.3 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 8995.5 9000.6 8995.5 9000.6 8995.5 9000.6 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13448.0 13488.0 17922.0 17925.0 17925.0 17925.0	18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M51D7W 4M52G7W 4M51D7W 4M51D7W 4M51D7W 9M00G7W 9M00D7W 9M00G7W 9M00D7W 13M4G7W 13M5G7W 13M5G7W <td< td=""></td<>
20 SG NR Band Bandwidth (MHz) 5 10 15 20 5G NR Band Bandwidth (MHz)	834 n7_Uplink frr Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12_Uplink fr Low Frequency (MHz)	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 equency ban Upper Frequency ban Upper Frequency frequency ban Upper Prequency banc Upper (MHz)	DFT-s QAM CP QPSK CP QPSK CP QAM I 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM DFT-s PU2 BPSK DFT-s PU2 BPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.36 23.83 22.87 22.38 22.87 22.38 22.87 23.81 22.87 23.81 22.87 23.81 22.67 22.14 23.90 23.87 22.97 22.59 23.97 22.59 23.97 22.59 23.97 22.59 23.97 23.91 23.30 22.30 22.34 22.02 23.30 22.34 22.02 23.30 22.34 22.07 22.59 23.91 23.30 22.39 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.30 22.59 23.91 23.91 23.91 23.90 23.91 23.91 22.59 23.91 23.92 23.91 23.91 23.92 23.91 23.92 23.91 23.92 23.91 23.92 23.91 23.92 23.91 23.92 23.91 23.92 23.91 23.92 23.91 23.91 23.92 23.91 23.92 23.91 23.92 23.91 23.92 24 23.92 24 23.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 22.92 24 24 22.92 24 24 24 24 24 24 24 24 24 24 24 24 24	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.24 25.16 25.00 24.02 23.38 25.09 25.06 25.06 23.24 24.02 23.38 25.09 25.06 25.05 25.02 24.02 23.38 25.09 25.06 25.02 24.02 23.38 25.09 25.06 25.02 24.02 23.38 25.09 25.06 25.02 24.06 25.05 25.02 24.06 25.05 25.02 24.06 25.05 25.02 24.06 25.05 25.02 24.06 25.05 25.02 24.06 25.05 25.02 24.06 25.05 25.02 24.06 25.05 25.02 24.06 25.06 25.00 25.06 25.00 25.06 25.00 25.06 25.00 25.06 25.00 25.	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.320 0.310 0.320 0.225 0.220 0.225 0.220 0.227 0.227 0.227 0.227 0.227 0.227 0.220 0.227 0.2200 0.2200000000	17.973 17.953 17.953 17.953 17.953 17.973 99% BW (MHz) 4.5108 4.5108 4.5108 4.5108 4.5108 4.5108 4.5109 4.5109 14.5071 8.9555 8.9655 9.9006 8.9655 9.9006 13.448 13.441 13.445 17.952 17.952 17.9555 17.9555 17.9555 17.9555 17.9555 17.9555 17.9555 17	11973.0 11973.0 11973.0 99% BW (ktz) 4510.8 4510.8 4510.8 4517.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 1348.0 1348.0 1348.0 1348.0 1348.0 1348.0 1348.0 1348.0 1348.0 1348.0 1348.0 1348.0 17950.0 17	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M5627W 4M51D7W 8M5627W 9M00D7W 9M00G7W 9M00D7W 9M00D7W 13M4G7W 13M5G7W 13M4G7W 13M4G7W 13M4G7W 13M4D7W 14M0D7W 17M9G7W 18M0D7W 4M52G7W
20 SG NR Band (MHz) 5 10 15 20 SG NR Band G NR Band (MHz)	834 n7_Uplink frf Low Frequency (MHz) 2502.5 2505 2507.5 2507.5 2510 n12_Uplink ff Low Frequency (MHz)	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 equency ban Upper Frequency (MHz)	DFTs QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFTs QPSK DFTs QPSK DFTs QAM CP QPSK DFTs QAM CP QPSK DFTs QAM CP QAM DFTs QPSK DFTs QPSK DFTs QAM CP QPSK DFTs QAM CP QAM DFTs QAM CP QAM DFTs QAM CP QAK DFTs QAM CP QAM DFTs QAM CP QAM DFTs QPI2 BPSK DFTs QAM CP QAK CP QAK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 23.81 22.83 22.67 23.81 22.83 22.67 23.81 22.83 22.67 23.81 22.14 23.30 22.14 23.30 23.82 23.30 22.24 20.02 21.44 23.30 22.24 20.02 21.44 23.90 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 23.82 24.97 23.97 23.91 23.90 23.97 23.97 24.97 24.97 24.97 24.97 24.97 24.97 24.97 24.97 24.97 24.97 24.97	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 24.06 24.06 24.06 24.06 23.37 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.16 23.38 25.00 24.16 23.38 25.00 24.16 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 25.00 24.02 25.02 25.02 25.02 25.02 25.02 25.02 25.02 25.00 24.02 25.02 25.00 24.02 25.00 25.00 24.02 25.00 25.00 24.02 25.00 25.00 24.02 25.00 25.00 24.02 25.00 25.01 25.	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.225 0.223 0.225 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.221 0.225 0.223 0.221 0.3210	17,973 17,953 17,953 17,973 99%, BW (MHz) 4,5071 4,5071 4,5071 4,5071 4,5071 4,507 4,5071 9,955 9,9056 9,90	11973.0 11973.0 11973.0 99%, BW (kHz) 4510.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 4519.3 1348.0 1349.0 1349.0 1349.0 1340.0	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M51D7W 8M96G7W 9M0007W 9M0007W 9M0007W 9M0007W 13M4G7W 13M4G7W 13M5G7W 14M0D7W 15M0D7W 16M0D7W 17M5G7W 18M0D7W 4M52G7W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5	834 n7_Uplink frf Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12_Uplink ff Frequency (MHz) 701.5 701.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2565 2562.5 2560 equency banc Upper Frequency (MHz) 7(13.5)	DFT-s QAM CP OPSK CP QPSK CP QPSK CP QAM I 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.86 23.86 23.86 23.86 23.83 22.67 22.05 22.97 23.81 22.67 22.14 22.83 22.67 22.14 23.80 22.67 22.14 23.80 22.67 22.14 23.90 22.39 22.97 22.59 21.97 23.91 23.82 22.97 22.59 21.97 23.91 23.82 22.97 22.59 21.97 23.91 23.82 23.02 22.34 22.02 23.30 23.23 22.02 23.30	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 24.02 23.24 25.16 25.09 25.06 24.02 23.33 25.09 25.06 24.02 23.36 25.09 25.06 24.02 23.36 25.09 25.05 25.09 25.05 25.09 25.05 25.09 25.00 25.01 24.21 23.31 25.09 25.01 25.	0.135 0.121 0.121 0.109 0.121 0.121 0.121 0.121 0.121 0.121 0.109 0.121 0.220 0.225 0.221 0.225 0.221 0.225 0.221 0.222 0.241 0.252 0.221 0.222 0.241 0.252 0.221 0.222 0.241 0.252 0.221 0.221 0.255 0.221 0.221 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.255 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.201 0.200 0.201 0.2000 0.2000 0.200000000	17,973 17,953 17,953 17,953 17,953 17,973 4,5108 4,5108 4,5108 4,5108 4,5108 4,5108 4,5108 4,5108 4,5109 4,5107 13,445 17,929 17,965 99% BW (Mb2) 4,5151 4,4505 17,965 17,965 17,965 17,965 17,973 14,5108 14,5107 14,5173 14,5173 13,445 17,953 17,955 17,957 17,957 17,957 17,973 17,975	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M50G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 13M4G7W 13M4D7W 17M9G7W 17M9G7W 18M0D7W 4M52G7W 4M50G7W 4M50G7W
20 SG NR Band (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5	834 n7 Uplink fre Low Frequency (MHz) 2502.5 2507.5 2507.5 2510 n12 Uplink fr Frequency (MHz) 701.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 requency banc Upper Frequency (MHz) 713.5	DFT-s QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM DFT-s QAM CP QPSK DFT-s QAM DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM DFT-s QAPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.67 23.81 22.63 23.97 23.81 22.63 23.97 23.81 22.63 23.97 23.81 22.63 22.14 23.30 22.14 23.30 22.59 21.97 23.82 23.02 22.59 21.97 23.82 23.02 22.59 21.97 23.82 23.02 22.54 23.02 22.54 23.02 22.54 23.02 22.54 23.02 22.55 21.97 23.97 23.90 23.97 23.07 23.22 22.55 22.55 22.55 22.55 22.55 22.55 22.55 22.55 23.07 23.27 23.07 23.22 22.55	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 24.06 23.37 25.06 25.02 24.06 24.02 23.33 25.06 24.02 23.33 25.06 24.02 23.33 25.06 24.02 23.33 25.06 24.02 23.33 25.09 25.06 24.02 23.33 25.09 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.02 25.02 23.33 25.09 25.02 25.02 25.02 25.02 25.02 25.02 25.02 25.02 25.02 25.02 25.02 23.33 25.09 25.02 25.01 25.02 25.01 25.02 25.01 25.02 25.01 25.02 25.01 25.01 25.01 25.02 25.02 25.02 25.01 25.02 25.02 25.01 25.02 25.	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.021 0.031 0.031 0.031 0.031 0.031 0.031 0.031 0.0210	17,973 17,953 17,953 17,953 17,973 99%, BW (MHz) 4,5071 4,5071 4,5071 4,5071 4,5071 4,5073 4,5071 4,5073 4,5071 4,5073 4,5071 3,459 9,9955 9,0006 9,00006 9,0006 9,0006 9,0006 9,00006 9,0000000000	11973.0 11973.0 11973.0 99%. BW (kHz) 4510.8 4519.3 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 4507.1 3985.5 9000.6 1344.0 1344.0 1344.0 1344.0 1344.0 1344.0 1344.0 1344.0 1344.0 1795.0 99%. BW (kHz) 4505.1 1795.0	18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 8M90D7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W 13M5G7W 14M507W 17M967W 17M567W 4M52G7W 4M52G7W 4M52G7W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5	834 n7_Uplink frf Low Frequency (MHz) 2502.5 2505 2505 2507.5 2510 n12_Uplink ff Low Frequency (MHz) 701.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 2560 requency banc Upper Frequency (MHz) 713.5	DFT-s QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QPSK CP QAM DFT-s QPSK CP QAM DFT-s QPSK DFT-s QAM DFT-s QPSK DFT-s QPSK DFT-s QAM DFT	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.83 22.05 22.97 22.83 22.67 22.83 22.67 22.83 22.67 22.83 22.67 22.59 21.97 23.81 22.97 23.81 22.97 23.90 23.87 22.97 23.91 23.82 22.97 22.59 21.97 23.91 23.82 22.97 23.91 23.82 22.97 23.91 23.82 22.97 23.91 23.82 23.91 23.82 22.97 23.91 23.82 23.90 23.83 22.97 23.91 23.82 22.97 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.82 23.91 23.83 22.97 23.81 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 22.97 23.83 23.97 23.83 23.97 23.83 23.97 23.83 23.97 23.83 23.97 23.83 23.97 23.83 23.97 23.83 23.97 23.83 23.97 23.83 23.92 23.91 23.82 23.92 22.60 23.30 22.260 22.16 22.15 22.16 22.15	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 24.02 23.38 25.06 24.02 23.24 24.02 23.38 25.06 25.00 24.02 23.24 24.02 23.38 25.06 25.00 24.02 23.21 25.01 24.02 23.31 25.00 25.01 24.02 23.32 25.06 25.02 24.02 23.32 25.05 25.02 24.02 23.32 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.23 25.05 25.02 24.02 23.35 25.02 24.02 23.32 25.05 25.02 24.02 23.24 24.02 23.33 25.00 25.02 24.02 23.24 24.02 23.33 25.00 25.02 24.02 23.24 24.02 23.33 25.00 25.02 24.02 23.24 24.02 23.33 25.00 25.01 24.02 23.24 25.16 25.10 25.00 25.02 24.02 23.24 25.16 25.00 25.00 25.00 25.02 24.02 23.33 25.00 25.00 25.01 27.21 27.	0.135 0.121 0.109 0.121 0.109 0.200 0.328 0.328 0.328 0.255 0.228 0.255 0.228 0.255 0.221 0.255 0.221 0.255 0.2210	17.973 17.953 17.953 17.953 17.973 99% BW (Mitz) 4.5103 4.5103 4.5103 4.5103 4.5103 4.5103 4.5103 4.5103 13.445 14.555 14.555 14.555 14.5551 14.55	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 9M00G7W 9M00G7W 9M00G7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M5G7W 14M5027W 4M52G7W 4M552G7W 4M552G7W 4M5527W
20 SG NR Band (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5	834 n7 Uplink fre Low Frequency (MHz) 2502.5 2507.5 2507.5 2510 n12 Uplink fr Frequency (MHz) 701.5	839 equency banc Upper Frequency (MHz) 2567.5 2562.5 2562.5 2560 equency ban Upper Frequency (MHz) 713.5	DFTs QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFTs QPI2 BPSK DFTs QAM CP QAM CP QAM DFTs QAM CP QAM DFTs QAM CP QAM DFTs QAM CP QPSK CP QAM DFTs QPI2 BPSK DFTs QPI2 BPSK DFTs QPI2 BPSK DFTs QPSK DFTs QPI2 BPSK DFTs QPI2 BPSK <tr< td=""><td>23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.87 22.38 22.67 23.97 23.81 22.63 23.97 23.81 22.63 23.97 23.97 22.14 23.90 23.81 22.14 23.90 23.81 22.14 23.90 23.81 22.14 23.90 23.21 24.97 22.59 21.97 23.82 23.97 22.92 22.94 22.02 22.94 22.02 22.94 22.02 22.94</td><td>21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.06 24.06 23.37 23.24 25.06 24.02 23.33 25.06 24.02 23.33 25.09 25.06 24.16 23.36 25.06 24.16 23.36 25.09 25.06 24.16 23.36 25.09 27.32 21.19 27.32 21.19 27.32 21.19 27.19</td><td>0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.225 0.228 0.228 0.221 0.221 0.223 0.221 0.321 0.031 0.030 0.031 0.030 0.000 0.030 0.030 0.030 0.030 0.030 0.0300 0.0300 0.0300000000</td><td>17, 973 17, 983 17, 983 17, 983 17, 983 17, 983 17, 983 17, 983 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 9, 9985 9, 9985 9, 9095 9, 9095 9, 9395 9, 900 9, 9000 9, 9000 9, 9000 9, 9000 9, 9000 9, 9000 9, 9000 9, 900</td><td>11973.0 11973.0 11973.0 99%. BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 13445.0 13445.0 17952.0 17955</td><td>18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 8M96G7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W 13M4G7W 13M67W 13M67W 13M67W 13M67W 13M67W 13M67W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M50G7W 4M50G7W 4M50G7W</td></tr<>	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.87 22.38 22.67 23.97 23.81 22.63 23.97 23.81 22.63 23.97 23.97 22.14 23.90 23.81 22.14 23.90 23.81 22.14 23.90 23.81 22.14 23.90 23.21 24.97 22.59 21.97 23.82 23.97 22.92 22.94 22.02 22.94 22.02 22.94 22.02 22.94	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.06 24.06 23.37 23.24 25.06 24.02 23.33 25.06 24.02 23.33 25.09 25.06 24.16 23.36 25.06 24.16 23.36 25.09 25.06 24.16 23.36 25.09 27.32 21.19 27.32 21.19 27.32 21.19 27.19	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.225 0.228 0.228 0.221 0.221 0.223 0.221 0.321 0.031 0.030 0.031 0.030 0.000 0.030 0.030 0.030 0.030 0.030 0.0300 0.0300 0.0300000000	17, 973 17, 983 17, 983 17, 983 17, 983 17, 983 17, 983 17, 983 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 9, 9985 9, 9985 9, 9095 9, 9095 9, 9395 9, 900 9, 9000 9, 9000 9, 9000 9, 9000 9, 9000 9, 9000 9, 9000 9, 900	11973.0 11973.0 11973.0 99%. BW (kHz) 4510.8 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 4519.3 4507.1 13445.0 13445.0 17952.0 17955	18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 8M96G7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W 13M4G7W 13M67W 13M67W 13M67W 13M67W 13M67W 13M67W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M50G7W 4M50G7W 4M50G7W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5	834 n7 Uplink fre Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12 Uplink fr Ubw Frequency (MHz) 701.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 equency banc Upper Frequency banc Upper Frequency banc Upper 713.5	DFT-s QAM CP QPSK CP QPSK CP QAM S 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.59 22.54 22.05 23.97 22.54 22.05 23.87 22.67 22.14 23.87 22.67 22.14 23.87 22.67 22.197 23.90 23.91 23.91 23.87 22.59	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.36 23.37 25.00 24.02 23.38 25.06 24.02 23.38 25.06 24.16 23.73 25.00 24.16 23.73 25.00 24.16 23.73 25.00 24.16 23.73 25.00 24.16 23.73 25.00 24.16 23.73 25.00 24.16 23.73 25.00 24.02 23.36 23.31 25.00 25.00 24.16 23.31 25.00 25.01 24.10 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 25.01 27.71 27.	0.135 0.121 0.109 0.121 0.109 0.009 0.009 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.00000 0.000000	17.973 17.953 17.953 17.953 17.973 99% BW (MHz) 4.5193 4.5193 4.5193 4.5193 4.5193 4.5193 4.5193 9.0006 9.9555 9.0006 9.9555 9.0006 9.9555 9.0006 13.449 13.4451 13.4451 13.4451 13.4451 17.929 17.929 99% BW (MHz) 9.9554 4.5251 5.521 4.5251 5.521 5.551 5.551 5.551 5.551 5.551 5.551 5.551 5.551 5.551 5.551 5.551 5.5515 5.555	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.0 11974.0 11974.0 11974.0 11974.0 11975.0 11974.0 11975.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 4M51D7W 4M51D7W 9M00G7W 9M00FW 13M5G7W 4M52G7W 4M50G7W 4M5507W 4M5507W 9M50G7W 9M50G7W 9M50G7W 9M50G7W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 5G NR Band Bandwidth (MHz) 5 10	834 n7_Uplink frf Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12_Uplink ff Low Frequency (MHz) 701.5 2704	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 requency ban Upper Frequency (MHz) 713.5 714	DFT-s QAM CP QPSK CP QPSK CP QPSK CP QAM I 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK CP QAM CP QAM DFT-s QPSK DFT-s QPSK<	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.87 22.38 22.67 22.38 22.67 23.81 22.87 23.81 22.67 23.81 22.67 23.81 22.97 23.81 22.97 22.59 23.81 22.97 22.59 23.91 23.82 22.97 22.59 23.91 23.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.55 23.00 22.55 23.00 22.55 23.00 22.55 23.00 23.81 23.90 23.81 22.67 22.97 22.59 23.90 23.91 23.80 22.97 23.90 23.90 23.91 23.92 23.91 23.92 23.91 23.92 23.92 23.92 23.91 23.92 24.92	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.26 25.02 24.02 23.24 25.16 25.00 24.02 23.24 24.02 23.33 25.09 25.06 24.02 23.24 24.02 23.33 25.09 25.05 23.24 24.02 23.24 24.02 23.24 24.02 23.24 24.02 23.24 24.02 24.02 23.24 24.02 23.24 24.02 23.24 24.02 23.24 24.02 23.24 24.02 23.24 24.02 23.25 24.02 24.02 23.24 24.02 23.35 25.09 25.09 25.00 24.02 23.24 24.02 23.36 25.10 24.41 23.33 25.09 24.41 24.21 24.22 23.33 25.09 24.10 24.21 24.2	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.221 0.231 0.231 0.252 0.221 0.231 0.252 0.221 0.243 0.225 0.243 0.043 0.043 0.043 0.043 0.046 0.043 0.046 0.047 0.046 0.047 0.046 0.047 0.046 0.0470 0.0470000000000	17,973 17,953 17,953 17,953 17,953 17,953 17,973 99,80 (MHz) 4,5193 13,445 14,445614,4456 14,44	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.0 11944.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M51D7W 8M9G7W 4M51D7W 9M00G7W 9M00D7W 9M00D7W 13M4G7W 13M5G7W 14M507W 15M0D7W 16M0D7W 17M9G7W 18M0D7W 14M52C7W 4M52G7W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 5G NR Band (MHz) 5 10 10 15 15 10 15 10 15 10 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 10 15 15 10 15 10 15 10 15 10 15 10 15 10 10 15 10 15 10 15 15 10 10 15 15 10 15 10 15 10 15 10 15 15 10 15 10 15 15 10 10 15 15 15 10 15 15 10 15 15 15 15 10 15 15 10 15 15 15 15 15 15 15 15 15 15	834 n7_Uplink fr Low Frequency (MHz) 2502.5 2505 2507.5 2507.5 2510 n12_Uplink ff Uow Frequency (MHz) 701.5 704	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 requency ban Upper Frequency (MHz) 713.5 711	DFTs QAM CP QPSK CP QPSK CP QAM 2500 to 2570 MHz Modulation DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM CP QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM CP QPSK CP QPSK CP QPSK CP QAM DFTs QAM CP QPSK DFTs QPSK DF	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.38 22.05 23.97 23.81 22.67 22.14 23.87 22.67 22.14 23.87 22.67 22.14 23.87 22.67 22.97 23.91 23.90 23.97 23.91 23.90 22.14 23.97 23.97 23.91 23.90 23.97 23.91 23.97 23.91 23.97 23.91 23.97 23.91 23.97	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 24.06 23.57 23.24 25.16 25.00 24.02 23.38 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.01 25.	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.021 0.0318 0.225 0.220 0.215 0.225 0.221 0.221 0.225 0.221 0.221 0.221 0.221 0.225 0.221 0.221 0.221 0.225 0.221 0.221 0.225 0.221 0.221 0.225 0.225 0.221 0.225 0.225 0.221 0.225 0.220 0.250 0.057 0.057 0.050 0.057 0.050 0.057 0.050 0.057 0.050 0.057 0.050 0.057 0.050 0.057 0.050 0.057	17, 973 17, 953 17, 953 17, 953 17, 953 17, 953 17, 953 17, 953 17, 953 4, 5193 4, 5193 13, 445 13, 445 13, 445 13, 445 13, 445 13, 445 13, 445 13, 445 13, 445 13, 445 17, 925 17, 92	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 9M00G7W 9M00G7W 9M00D7W 9M00D7W 9M00D7W 9M00G7W 9M00D7W 13M4G7W 13M4G7W 13M5G7W 13M5G7W 13M5G7W 13M5G7W 13M5G7W 13M5G7W 13M5G7W 14M50G7W 4M550G7W 4M550G7W 4M550G7W 4M5507W 8M99G7W 8M99G7W 8M92D7W 8M9207W
20 SG NR Band Bandwidth (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5 10	834 n7_Uplink frr Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12_Uplink fr Frequency (MHz) 701.5 704	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 Equency banc Second Second Construction of the second	DFTs QAM CP OPSK CP QAM CP QAM I 2500 to 2570 MHz Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM CP QAM DFTs QAM DFTs QAM CP QAM DFTs QAM DFTs QAM CP QAM DFTs QAM<	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 22.97 23.81 22.67 22.97 23.81 22.67 22.97 23.81 22.67 22.97 23.81 22.67 22.97 23.81 22.97 23.90 23.81 22.97 23.91 23.82 22.97 22.59 23.91 23.82 23.02 23.91 23.82 23.02 23.91 23.82 23.02 23.30 23.23 22.24 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.30 23.23 23.02 23.30 23.30 23.30 23.23 23.02 23.30	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.02 24.06 23.57 23.24 24.02 23.24 25.16 25.00 25.06 23.27 23.24 24.02 23.38 25.09 25.06 25.06 24.16 23.37 25.10 25.01 25.01 24.21 23.33 25.09 25.06 25.02 24.06 25.02 24.02 23.36 25.09 25.05 25.02 24.06 25.02 24.02 23.36 25.09 25.06 25.00 25.00 25.00 25.00 25.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 25.00 25.00 25.00 25.00 25.00 25.00 24.01 24.01 25.01 25.01 25.01 24.02 24.	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.021 0.000 0.0210	17, 973 17, 953 17, 953 17, 953 17, 953 17, 953 4, 5108 4, 5108 4, 5108 4, 5108 4, 5108 4, 5108 4, 5109 4, 5109 4, 5109 13, 449 13, 445 13, 445 17, 929 17, 966 17, 929 17, 966 17, 929 17, 966 17, 929 17, 966 17, 929 17, 966 17, 957 17, 967 17, 968 17, 968 17, 969 17, 96	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 (ktz) (ktz) 11973.0 (ktz) 11973.0 (ktz) 11973.0 11945.0 11945.0 11945.0 11945.0 11975.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M5007W 9M0007W 9M0007W 9M0007W 9M0007W 13M4G7W 13M5G7W 14M507W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M507W 4M5307W 4M5307W 4M50G7W 9M9207W 8M9927W 8M9927W 9M0227W 9M9207W
20 SG NR Band (MHz) 5 10 15 20 5G NR Band 6G NR Band (MHz) 5 10 10 15 10 15 10 10 10 10 10 10 10 10 10 10	834 n7_Uplink fre Low Frequency (MHz) 2502.5 2507.5 2507.5 2510 n12_Uplink fr Low Frequency (MHz) 701.5 704	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 requency banc requency banc Upper Frequency (MHz) 713.5 711	DFTs QAM CP QPSK CP QPSK CP QAM : 2500 to 2570 MHz Modulation DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM CP QAM DFTs QPSK DFTs QAM CP QAM DFTs QPSK DFTs QPSK DFTs QAM CP QAM DFTs QAM CP QAM DFTs QAM CP QPSK CP QAM DFTs QAM CP QAM DFTs QAM CP QASK CP QAM DFTs QAM CP QASK DFTs QAM DFTs QAM DFTs QAM DFTs QAM CP QAM DFTs QAM DFTs QAM CP QAM DFTs QAM CP QPSK CP QAM DFTs QAM CP QPSK CP QASK DFTs QAPZ	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.38 22.05 23.97 22.38 22.05 23.97 22.59 22.14 23.30 22.14 23.30 22.57 22.59 21.97 23.82 23.30 22.54 22.02 Conducted Average (dBm) 23.30 22.33 22.60 22.34 22.05 22.34 22.05 22.34 22.05 22.34 22.05 22.34 22.05 22.34 22.05 22.54 22.05 22.54 22.05 22.54 22.05 22.55	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 24.06 24.06 24.06 24.06 24.06 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 23.21 ERP Average (dBm) 19.07 19.07 19.07 19.07 19.07 19.07 19.00 18.37 19.92 19.42 19.25	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.025 0.225 0.225 0.225 0.225 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.225 0.221 0.225 0.221 0.225 0.225 0.221 0.225 0.225 0.221 0.225 0.221 0.225 0.225 0.225 0.225 0.225 0.221 0.225 0.026 0.057 0.057 0.066 0.057 0.066 0.067 0.066	17,973 17,953 17,953 17,953 17,973 99%, BW (MHz) 4,5071 4,5071 4,5071 4,5071 4,507 4,5073 9,000 8,9955 9,000 8,9955 9,000 8,9955 9,000 8,9955 9,000 8,9955 9,000 8,9955 9,000 8,9955 13,448 13,445 13,445 13,445 17,929 17,965 9,759	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11948.0 11948.0 11948.0 11978.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M52G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M5G7W 14M507W 18M0D7W 18M0D7W 18M0D7W 18M507W 4M50G7W 4M50G7W 4M50G7W 8M99G7W 9M02D7W 9M02D7W 9M02D7W 9M02D7W 9M02D7W 9M02D7W <td< td=""></td<>
20 SG NR Band Bandwidth (MHz) 5 10 15 20 SG NR Band (MHz) 5 10	834 n7_Uplink frf Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12_Uplink ff Cow Frequency (MHz) 701.5 704	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 2560 requency banc Upper Frequency (MHz) 711.5	DFT-s QAM CP QPSK CP QAM CP QAM I 2500 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK CP QPSK DFT-s QPSK DFT-s QAM CP QPSK CP QPSK DFT-s QAM DFT-s QPSK DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM CP QPSK DFT-s QAM DFT-s QPSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.38 22.05 22.97 22.83 22.67 22.14 23.80 22.67 22.14 23.80 22.67 22.14 23.90 23.39 21.97 23.91 23.82 22.97 23.91 23.82 21.97 22.59 21.97 23.91 23.82 22.02 Conducted Average (dBm) 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.67 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 22.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.23 23.02 23.30 23.25 23.02 23.30 23.25 23.02 23.30 23.25 23.02 23.30 23.25 25 25 23.25 25 25 25 25 25 25 25 25 25 25 25 25 2	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 23.57 23.24 24.02 23.38 25.06 24.02 23.38 25.06 24.02 23.38 25.06 24.02 23.38 25.06 24.16 23.37 25.06 24.16 23.37 25.06 24.16 23.37 25.06 24.16 23.37 25.06 24.16 23.31 25.00 24.21 23.23 25.00 24.02 23.24 25.16 24.02 23.32 25.06 24.02 24.02 23.32 25.00 24.02 25.02 24.02 23.24 25.16 24.02 23.32 25.06 24.02 23.24 24.02 23.32 25.06 24.02 23.32 25.00 24.02 23.32 25.00 24.01 24.02 23.32 25.00 25.01 24.02 23.32 25.00 25.00 24.02 23.32 25.00 24.02 23.32 25.00 24.01 24.02 23.33 25.00 25.00 24.01 24.02 23.32 25.00 25.00 24.02 23.32 25.00 25.00 24.02 23.32 25.00 25.00 24.02 23.32 25.00 25.00 24.02 23.32 25.00 25.00 25.00 25.00 25.00 25.00 24.00 25.01 25.	0.135 0.121 0.109 0.121 0.109 0.320 0.320 0.320 0.320 0.320 0.320 0.225 0.220 0.225 0.221 0.225 0.221 0.225 0.221 0.221 0.221 0.221 0.221 0.231 0.225 0.221 0.221 0.231 0.225 0.221 0.231 0.225 0.221 0.231 0.225 0.221 0.231 0.225 0.221 0.231 0.225 0.221 0.231 0.225 0.221 0.231 0.225 0.221 0.231 0.225 0.221 0.221 0.232 0.225 0.221 0.225 0.221 0.225 0.221 0.221 0.225 0.221 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.221 0.221 0.225 0.221 0.221 0.225 0.225 0.025 0.0570	17,973 17,953 17,953 17,953 17,953 17,953 17,953 17,953 4,5071 4,5071 4,5071 4,5071 4,5071 4,5071 9,953 8,9955 9,9006 8,9655 13,448 13,445 14,5551 4,5551 4,5551 4,5551 14,5551	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 4M51D7W 9M00G7W 13M4G7W 13M4G7W 13M5G7W 13M407W 17M9G7W 18M0D7W 4M52G7W 4M50G7W 4M50G7W 4M50G7W 9M9G7W 9M9G7W 9M9G7W 9M9G7W 9M9G7W 9M9G7W 9M9G7W 9M2D7W
20 SG NR Band (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5 10 10 15 10 15 10 10 15 10 15 10 10 15 10 10 15 10 10 15 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 10 10 10 10 10 10 10 10	834 n7 Uplink fre Low Frequency (MHz) 2502.5 2507.5 2507.5 2510 n12 Uplink fr Frequency (MHz) 701.5 704	839 equency banc Upper Frequency 2567.5 2565 2562.5 2560 requency ban Upper Frequency (MHz) 713.5 711 709.6	DFT-s QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFT-s QPSK DFT-s QPSK DFT-s QAM CP QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QPSK DFT-s QAM DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM CP QAMS DFT-s QAM CP QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.67 22.38 22.67 22.38 22.67 22.39 22.14 23.397 22.59 22.14 23.397 22.59 21.97 23.81 22.67 22.97 22.59 21.97 23.82 23.02 22.05 21.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.90 23.97 23.97 23.90 23.97 23.97 23.90 23.97 23.97 23.97 23.97 23.90 23.97 23.97 23.97 23.97 23.97 23.97 23.90 23.97 23.97 23.97 23.90 23.97 23.90 23.97 23.97 23.97 23.90 23.97 23.90 23.97 23.97 23.97 23.90 23.97 23.97 23.97 23.90 23.97 23.92 23.9	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.06 24.06 24.06 23.37 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.06 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 23.83 25.00 24.02 25.01 24.02 23.83 25.00 24.02 25.00 24.02 23.83 25.00 24.02 25.00 24.02 23.83 25.00 24.02 25.00 24.02 23.83 25.00 24.02 25.00 24.02 23.83 25.00 24.00 24.02 23.83 25.00 24.02 25.00 24.02 25.00 24.02 25.00 24.02 25.00 24.02 25.00 24.02 25.00 24.02 25.00 24.02 25.00 24.02 25.01 24.25 25.01 24.25 25.01 24.25 25.01 24.25 23.22 25.01 24.25 23.22 25.01 24.25 23.22 25.01 24.25 23.22 25.01 24.25 23.22 25.01 24.25 23.22 24.02 25.01 24.25 23.22 24.02 25.01 24.25 25.01 25.	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.221 0.231 0.231 0.231 0.231 0.231 0.231 0.231 0.243 0.243 0.243 0.243 0.321 0.032 0.030 0.000 0.0300 0.0300 0.0300000000	17, 973 17, 953 17, 953 17, 953 17, 953 17, 953 17, 953 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 4, 5071 4, 5193 9, 9955 9, 9056 9, 90566 9, 90566 9, 90566 9, 90566 9, 90566 9, 90566 9, 90566 9, 9056	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11945.0 11945.0 11945.0 11945.0 11975.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 9M0007W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M57W 13M67W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M57W 13M52G7W 4M52G7W 4M52G7W </td
20 SG NR Band Bandwidth (MHz) 5 10 15 20 5G NR Band G NR Band (MHz) 5 10 10 15 10 15 10 15 10 15 10 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 10 15 15 10 15 15 10 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 10 15 15 10 15 15 10 15 15 10 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 10 15 15 15 15 15 15 15 15 15 15	834 n7 Uplink fre Low Frequency (MHz) 2502.5 2505 2507.5 2510 n12 Uplink fre Votation Frequency (MHz) 701.5 704 706.5	839 equency banc Upper Frequency (MHz) 2567.5 2565 2562.5 2560 2560 requency ban Upper Frequency (MHz) 713.5 711 708.5	DFT-s QAM CP QPSK CP QPSK CP QAM I 3200 to 2570 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK CP QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.05 23.97 22.53 22.05 23.97 22.53 22.67 22.14 23.87 22.67 22.54 23.87 22.67 22.97 23.90 23.97 23.91 23.87 22.97 23.91 23.91 23.82 22.97 22.97 23.91 23.91 23.82 22.05 22.14 23.90 22.53 21.97 22.53 21.97 23.91 23.82 22.05 22.54 22.05 22.54 22.55 22.54 22.55	21.29 20.82 20.37 EIRP Average (dBm) 25.06 25.02 24.06 23.57 23.24 25.16 25.00 24.02 23.38 25.06 24.02 23.38 25.06 24.02 23.38 25.06 24.02 23.38 25.06 24.02 23.38 25.06 24.02 23.38 25.06 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.01 25.01 25.01 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.01 25.01 24.02 23.38 25.00 24.01 25.01 25.01 24.02 23.38 25.00 24.01 25.01 25.01 24.02 23.38 25.00 24.02 23.38 25.00 24.02 23.38 25.00 24.01 25.01 25.01 24.02 23.38 25.00 24.01 25.01 25.01 24.02 23.38 25.00 24.01 25.	0.135 0.121 0.109 0.121 0.109 0.301 0.025 0.225 0.228 0.225 0.229 0.211 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.221 0.225 0.225 0.221 0.225 0.025 0.057 0.056	17,973 17,953 17,953 17,973 4,510 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 9,9895 9,9006 9,9895 9,9006 9,9895 9,9995 9,9995 9,9995 9,9995 9,9995 9,9995 9,9995 13,449 13,445 13,445 13,445 17,929 17,929 9,9995 17,929 17,	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.0 11974.0 11974.0 11974.0 11974.0 11972.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M51G7W 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 4M51G7W 4M51D7W 9M0007W 9M0007W 9M0007W 9M0007W 13M4G7W 13M4G7W 13M507W 13M507W 13M507W 14M507W 14M507W 14M507W 14M507W 14M507W 14M507W 14M507W 14M507W 14M507W 4M5507W 4M5507W 4M5507W 4M5507W 4M5507W 9M02D7W 8M99G7W 9M02D7W 9M02D7W 9M02D7W 9M02D7W 9M02D7W 9M02D7W 9M02D7W <td< td=""></td<>
20 SG NR Band (MHz) 5 10 15 20 SG NR Band Bandwidth (MHz) 5 10 10 15 10 15 10 10 15 10 15 10 15 10 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 15 10 10 10 10 10 10 10 10 10 10	834 n7 Uplink fre Low Frequency 2502.5 2505 2507.5 2510 n12 Uplink frequency (MHz) 701.5 704 706.5	839 equency banc Upper Frequency 2567.5 2562.5 2562.5 2560 requency ban Upper Frequency (MHz) 711.5 708.5	DFTs QAM CP QPSK CP QAM CP QAM : 2500 to 2570 MHz Modulation DFTs QPI2 BPSK DFTs QAM CP QAM CP QAM DFTs QAM CP QAM DFTs QAM CP QAM DFTs QAM CP QAM DFTs QPI2 BPSK DFTs QPS DFTs QPS DFTs QPSK DFTs QPS PSK DFTs QPS PSK DFTs QPS PSK	23.06 22.59 22.14 Conducted Average (dBm) 23.86 23.83 22.87 22.38 22.87 22.38 22.87 22.38 22.87 22.38 22.97 22.39 22.97 22.59 21.97 23.81 22.83 22.87 22.94 22.02 22.44 22.02 22.44 22.02 22.44 22.02 22.44 22.02 22.44 22.02 22.44 22.02 22.44 22.02 22.34 22.02 22.34 22.23 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.24 22.25 22.25 22.2	21.29 20.82 20.37 EIRP Average (dBm) 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.05 25.06 24.02 23.33 25.06 24.02 23.33 25.06 24.02 23.33 25.06 25.06 24.02 23.33 25.06 25.05 25.06 24.02 23.33 25.06 25.05 25.06 25.01 25.	0.135 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.121 0.225 0.228 0.231 0.255 0.228 0.211 0.255 0.228 0.221 0.231 0.243 0.243 0.321 0.243 0.321 0.326 0.321 0.324 0.322 0.324 0.322 0.324 0.322 0.324 0.322 0.324 0.322 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.325 0.324 0.327 0.0370	17,973 17,953 17,953 17,953 17,953 17,973 17,953 17,973 4,5071 4,5071 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 4,5193 13,449 13,449 17,929 99,555 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 4,555 17,929 17,966 99,555 17,929 17,956 17,929 1	11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11973.0 11974.	18M0D7W 18M0D7W 18M0D7W 18M0D7W 4M51G7W 4M51G7W 4M52G7W 4M51D7W 8M95G7W 4M51D7W 8M96G7W 9M0007W 13M5G7W 13M5G7W 18M007W 17M967W 18M007W 18M007W 18M007W 4M52G7W 4M52G7W 4M52G7W 4M52G7W 4M50G7W 9M002D7W 9M002D7W 9M36G7W 9M36G7W 9M36G7W 9M36G7W 9M3627W <

JO NR Ban		Unner	ualiu . /// to /8/	Conducted	EDD	EDD			
Bandwidth	Erequency	Erequency	Modulation			Average	99% BW	99% BW	Type of Emission
(MHz)	(MHz)	(MHz)	modulation	(dBm)	(dBm)	(W)	(MHz)	(kHz)	Type of Emission
	(()	DFT-s PI/2 BPSK	23.44	19.21	0.083	4.5025	4502.5	4M50G7W
			DFT-s QPSK	23.49	19.26	0.084	4.5121	4512.1	4M51G7W
5	779.5	784.5	DFT-s QAM	22.57	18.34	0.068	4.5135	4513.5	4M51D7W
			CP QPSK	22.18	17.95	0.062	4.5121	4512.1	4M51G7W
			CP QAM	21.56	17.33	0.054	4.5135	4513.5	4M51D7W
			DFT-SPI/2 BPSK	23.37	19.14	0.082	8.9256	8925.6	8M93G7W
40	700 700	700	DET - OAM	23.26	19.03	0.080	8.9236	8923.b	8M92G7W
10	/02	/82 /82	CD ODSK	22.29	17.80	0.062	8.0236	0901.2 8023.6	8M02G7W
			CP QF SK	22.12	17.03	0.002	8 9612	8961.2	8M96D7W
G NR Band	n14 Uplink fr	requency ban	d : 788 to 798 MHz	21.40	17.20	0.002	0.0012	0301.2	011302111
	Low	Upper		Conducted	ERP	ERP			
(MU-)	Frequency	Frequency	Modulation	Average	Average	Average	(ML)~)	99% BW	Type of Emission
(WITZ)	(MHz)	(MHz)		(dBm)	(dBm)	(W)	(IVIFIZ)	(KHZ)	
			DFT-s PI/2 BPSK	23.35	19.12	0.082	4.5067	4506.7	4M51G7W
e.	700 F	705 5	DFT-s QPSK	23.28	19.05	0.080	4.5079	4507.9	4M51G7W
5	790.5	/90.0	CP OPSK	22.01	10.00	0.072	4.5120	4512.0	4W51D7W
			CP QAM	21.60	17.37	0.055	4.5126	4512.6	4M51D7W
			DFT-s PI/2 BPSK	23.45	19.22	0.084	8.9268	8926.8	8M93G7W
			DFT-s QPSK	23.50	19.27	0.085	8.9728	8972.8	8M97G7W
10	793	793	DFT-s QAM	22.82	18.59	0.072	8.9505	8950.5	8M95D7W
			CP QPSK	22.06	17.83	0.061	8.9728	8972.8	8M97G7W
			CP QAM	21.43	17.20	0.052	8.9505	8950.5	8M95D7W
G NR Ban	d n25_Uplinl	k frequency	band : 1850 to 19	15 MHz					
Bandwidth	Low	Upper		Conducted	EIRP	EIRP	99% BW	99% BW	
(MHz)	Frequency	Frequency	Modulation	Average	Average	Average	(MHz)	(kHz)	Type of Emission
. ,	(MHz)	(MHz)		(dBm)	(dBm)	(W)	4 5 4 70	4547.0	44500704
			DFT-S PI/2 BPSK	24.06	26.85	0.484	4.51/3	4517.3	4M52G7W
~	1050 5	1010 5	DET - OAM	23.81	26.60	0.457	4.50/9	4507.9	4M51G7W
5	1002.0	1912.5	CD ODEK	23.04	25.63	0.303	4.5102	4510.2	410520700
			CP QF3K	22.41	25.20	0.331	4.0079	4516.2	4W51G7W
				22.20	25.07	0.321	9.0917	9081.7	8M08C7W
			DFT-s OPSK	23.94	26.73	0.471	8 9674	8967.4	8M97G7W
10	1855	1910	DET-s OAM	22.98	25.77	0.378	8 9972	8997.2	9M00D7W
10	1000	1310	CP OPSK	22.50	25.29	0.338	8 9674	8967.4	8M97G7W
			CP QAM	22.20	24.99	0.316	8.9972	8997.2	9M00D7W
			DFT-s PI/2 BPSK	23.98	26.77	0.475	13,453	13453.0	13M5G7W
			DFT-s OPSK	23.96	26.75	0.473	13,453	13453.0	13M5G7W
15	1857.5	357.5 1907.5	DFT-s QAM	23.15	25.94	0.393	13.477	13477.0	13M5D7W
			CP QPSK	22.62	25.41	0.348	13.453	13453.0	13M5G7W
			CP QAM	21.90	24.69	0.294	13.477	13477.0	13M5D7W
			DFT-s PI/2 BPSK	23.96	26.75	0.473	17.905	17905.0	17M9G7W
			DFT-s QPSK	23.89	26.68	0.466	17.922	17922.0	17M9G7W
20	1860	1905	DFT-s QAM	23.12	25.91	0.390	17.959	17959.0	18M0D7W
			CP QPSK	22.67	25.46	0.352	17.922	17922.0	17M9G7W
					04.00	0.316	17 959	17959.0	18M0D7W
			CP QAM	22.20	24.99	0.010	11.000		
G NR Band	n26 Part90s_	Uplink freque	CP QAM ncy band : 814 to 8	22.20 24 MHz	24.99	0.010	11.000		
G NR Band	n26 Part90s_ Low	Uplink freque	CP QAM ency band : 814 to 8	22.20 24 MHz Conducted	ERP	ERP	99% BW	99% BW	
G NR Band Bandwidth (MHz)	n26 Part90s_ Low Frequency	Uplink freque Upper Frequency	CP QAM ency band : 814 to 8 Modulation	22.20 24 MHz Conducted Average	ERP Average	ERP	99% BW (MHz)	99% BW (kHz)	Type of Emission
G NR Band Bandwidth (MHz)	n26 Part90s_ Low Frequency (MHz)	Uplink freque Upper Frequency (MHz)	CP QAM ency band : 814 to 8 Modulation	22.20 24 MHz Conducted Average (dBm) 23.77	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
G NR Band Bandwidth (MHz)	n26 Part90s_ Low Frequency (MHz)	Uplink freque Upper Frequency (MHz)	CP QAM ency band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74	24.99 ERP Average (dBm) 22.00 21.97	ERP Average (W) 0.158 0.157	99% BW (MHz) 4.5227 4.5076	99% BW (kHz) 4522.7 4507.6	Type of Emission 4M52G7W 4M51G7W
G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5	Uplink freque Upper Frequency (MHz) 821.5	CP QAM ency band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82	24.99 ERP Average (dBm) 22.00 21.97 21.05	ERP Average (W) 0.158 0.157 0.127	99% BW (MHz) 4.5227 4.5076 4.536	99% BW (kHz) 4522.7 4507.6 4536.0	Type of Emission 4M52G7W 4M51G7W 4M54D7W
G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5	Uplink freque Upper Frequency (MHz) 821.5	CP QAM ncy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60	ERP Average (W) 0.158 0.157 0.127 0.115	99% BW (MHz) 4.5227 4.5076 4.536 4.5076	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W
G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5	Uplink freque Upper Frequency (MHz) 821.5	CP QAM ncy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01	ERP Average (W) 0.158 0.157 0.127 0.115 0.100	99% BW (MHz) 4.5227 4.5076 4.536 4.5076 4.536	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W 4M54D7W
G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5	Uplink freque Upper Frequency (MHz) 821.5	CP QAM ncy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK CP QAM DFT-s PI/2 BPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.78	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 22.01	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.159	99% BW (MHz) 4.5227 4.5076 4.536 4.5076 4.536 8.964	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0 8964.0	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W 4M54D7W 4M54Q7W
G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5	Uplink freque Upper Frequency (MHz) 821.5	CP QAM moy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.63 23.63 23.4	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.67	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.159 0.153 0.444	99% BW (MHz) 4.5227 4.5076 4.536 4.5076 4.536 8.964 9.0001	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0 8964.0 9000.1	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W 4M54D7W 8M96G7W 9M00G7W 9M00G7W
G NR Band Bandwidth (MHz) 5 10	n26 Part90s Low Frequency (MHz) 816.5 819	Uplink freque Upper Frequency (MHz) 821.5 819	CP QAM ncy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM DFT-s QAM DFT-s QPSK DFT-s QAM DFT-s QPSK DFT-s QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.63 22.34 22.34	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.57 20.26	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.153 0.153 0.114 0.106	99% BW (MHz) 4.5227 4.5076 4.536 4.5076 4.536 8.964 9.0001 8.9907 9.0001	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W 4M54D7W 4M5407W 4M5407W 8M967W 9M00G7W 8M99D7W 9M00G7W
G NR Band Bandwidth (MHz) 5 10	n26 Part90s_ Low Frequency (MHz) 816.5	Uplink freque Upper Frequency (MHz) 821.5 819	CP QAM ncy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK CP QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.63 22.34 22.03 21.44	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.57 20.26 19.67	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.159 0.153 0.114 0.003	99% BW (MHz) 4.5227 4.5076 4.536 4.536 4.5076 4.536 8.964 9.0001 8.9907 9.0001	99% BW (kHz) 4522.7 4536.0 4536.0 4536.0 8964.0 9000.1 8990.7 9000.1	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W 4M54D7W 4M54D7W 8M96G7W 9M00G7W 8M99D7W 9M00G7W 9M00G7W
G NR Band Bandwidth (MHz) 5 10	n26 Part90s_ Low Frequency (MHz) 816.5 819	Uplink freque Upper Frequency (MHz) 821.5 819	CP QAM mcy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK CP QAM DFT-s PI/2 BPSK DFT-s QAM DFT-s QAM CP QPSK CP QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.78 23.78 23.63 22.34 22.03 21.44	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.00 20.01 22.01 22.01 22.01 22.01 22.01 21.86 20.57 20.26 19.67	ERP Average (W) 0.158 0.157 0.157 0.115 0.100 0.159 0.153 0.114 0.106 0.093	99% BW (MHz) 4.5227 4.5076 4.536 4.5076 4.536 9.0001 8.9907 9.0001 8.9907	99% BW (kHz) 4522.7 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W 8M96G7W 8M99G7W 8M99G7W 8M99D7W 8M99D7W
G NR Band Bandwidth (MHz) 5 10 G NR Band	n26 Part90s Low Frequency (MHz) 816.5 819 n26 Uplink fr	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban	CP QAM mcy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK DFT-s QASK DFT-s QAM dFT-s QAM dT-s QAM dFT-s QAM dT-s QAM dT	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.78 23.78 23.63 22.34 22.03 21.44 Conducted	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 22.01 22.01 22.05 20.60 20.57 20.26 19.67 ERP	ERP Average (W) 0.158 0.157 0.157 0.157 0.110 0.100 0.159 0.153 0.114 0.106 0.093 ERP	99% BW (MHz) 4.5227 4.5076 4.536 4.5076 4.536 4.536 4.536 9.0001 8.9907 9.0001	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W
G NR Band Gandwidth (MHz) 5 10 G NR Band Bandwidth	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26_Uplink fr Low Frequency	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency ban	CP QAM mcy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.63 22.34 22.03 21.44 Conducted Average	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.57 20.26 19.67 ERP Average	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.159 0.153 0.159 0.153 0.114 0.106 0.093 ERP Average	99% BW (MHz) 4.5277 4.536 4.536 4.536 4.536 4.536 4.536 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7	Type of Emission 4M52G7W 4M51G7W 4M54D7W 4M54D7W 8M96G7W 9M00G7W 8M99D7W 8M99D7W 8M99D7W 8M99D7W
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz)	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26_Uplink fr Low Frequency (MHz)	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz)	CP QAM mcy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation	22.20 24 MHz Conducted (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.78 23.78 23.63 22.34 22.34 22.34 22.34 22.34 22.34 22.34 22.34 22.34 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 21.44 20 20 20 20 20 20 20 20 20 20 20 20 20	24.99 ERP Average (dBm) 22.00 21.97 21.97 21.05 20.60 20.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 21.86 20.57 20.26 20.57 20.26 20.57 20.26 20.57 20.26 20.57 20.26 20.57 20.26 20.57 20.26 20.57	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.153 0.115 0.100 0.153 0.114 0.106 0.093 ERP Average (W)	99% BW (MHz) 4.5227 4.5076 4.536 4.536 4.536 4.536 8.964 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 8.9907 9.0001 8.9907 8.9907 8.9907 8.90007 8.90007 8.9000	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 8964.0 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9900.1 8990.7	Type of Emission 4Ms2G7W 4Ms1G7W 4Ms1G7W 4Ms1G7W 4Ms4D7W 8M96G7W 9M00G7W 8M99D7W 8M99D7W 8M99D7W 7ype of Emission
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz)	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26_Uplink fr Low Frequency (MHz)	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz)	CP QAM mey band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation DFT-s PI/2 BPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.37 21.78 23.78 22.37 21.78 23.63 22.34 22.03 21.44 22.03 21.44 22.03 21.44 22.03 21.44 22.03 21.44 22.03 21.44 22.03 21.44 22.05 23.92 23.92 23.92 23.92 23.92 23.92 23.92 23.92 23.92 23.92 23.92 23.92 23.92 24.92	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.05 20.57 20.26 19.26 19.26 19.26 ERP Average (dBm) 22.00 22.10 21.97 21.95 20.60 22.01 22.105 22.00 22.105 20.60 20.01 22.00 22.105 20.60 20.01 22.00 22.01 22.00 22.01 22.00 22.01 22.05 20.60 20.01 22.01 22.05 20.60 20.01 22.01 22.05 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.66 20.57 20.57 20.66 20.57	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.159 0.153 0.153 0.114 0.106 0.093 0.	99% BW (MHz) 4.5227 4.5076 4.536 4.536 4.536 4.536 8.964 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9007 9.0001 8.9007 9.0001 8.9007 9.0001 8.9007 8.90007 8.90007 8.9000	99% BW (kHz) 4522.7 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 9000.1 9900.1	Type of Emission 4M/52G7W 4M/51G7W 4M/51G7W 4M/54D7W 4M/54D7W 8M/96G7W 8M/96G7W 8M/90G7W 8M/90D7W 7000077W 8M/90D7W 7000077W 8M/90D7W 7000077W
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz)	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink ff Low Frequency (MHz)	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz)	CP QAM mcy band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QPSK CP QAM d : 824 to 849 MHz Modulation DFT-s PI/2 BPSK DFT-s QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.78 23.63 21.78 22.34 22.03 21.44 22.03 21.44 Conducted Average (dBm) 23.92 23.90	24.99 ERP Average (Bm) 22.00 21.97 21.05 20.01 22.01 22.01 20.01 20.01 20.01 20.05 20.26 19.67 ERP Average (dBm) 22.13	ERP Average (W) 0.158 0.157 0.127 0.115 0.115 0.115 0.115 0.115 0.114 0.106 0.033 ERP Average (W) 0.164	99% BW (MHz) 4.5227 4.5076 4.536 4.5076 4.536 4.536 4.536 8.964 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 4.5101 4.5101 4.5101	99% BW (kHz) 4522.7 4507.6 4536.0 8964.0 9900.1 8990.7 9000.1 8990.7 9000.1 8990.7 99% BW (kHz) 4510.1 4498.5	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M55G7W 4M55G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 7ype of Emission 4M51G7W 4M51G7W
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26_Uplink fr Low Frequency requency requency requency requency s26.5	Uplink freque Upper Frequency (MHz) 821.5 819 equency ban Upper Frequency (MHz) 846.5	CP QAM mey band : 814 to 8 Modulation DFTs 91/2 BPSK DFTs QPSK DFTs QPSK CP QPSK CP QAM DFTs P1/2 BPSK DFTs QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation DFTs 91/2 BPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.37 21.78 22.37 21.78 22.37 21.78 23.73 22.37 21.78 23.73 22.34 22.34 22.03 21.44 Vortage (dBm) 23.92 23.90 23.90 22.90	24.99 ERP Average (dBm) 22.00 21.05 20.60 20.01 20.60 20.01 21.86 20.57 20.26 21.86 20.57 20.26 ERP Average (dBm) 22.15 22.13 21.13	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.159 0.153 0.114 0.106 0.093 ERP Average (W) 0.164 0.163 0.130	99% BW (MHz) 4.5227 4.5076 4.536 4.536 4.5076 4.536 9.9001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 8.9907 9.0001 8.9907 8.907 8.9	99% BW (kHz) 4522.7 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7 9900.1 8990.7 9900.1 8990.7 99% BW (kHz) 4510.1 4498.5 4522.6	Type of Emission 4Ms2G7W 4Ms1G7W 4Ms1G7W 4Ms1G7W 4Ms4D7W 8M96G7W 9M00G7W 8M99D7W 8M99D7W 7ype of Emission 4Ms1G7W 4Ms5G7W 4Ms5G7W
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26_Uplink fri Low Frequency (MHz) 826.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Frequency ban Frequency (MHz) 846.5	CP QAM mey band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.63 22.34 22.03 21.44 Conducted Average (dBm) 23.90 23.90 22.90 20.90	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.00 20.01 22.01 21.86 20.57 20.26 19.67 Average (dBm) 22.15 22.13 21.13 20.15 20.15 20.57 20.26 20.15 20.57 20.26 20.57 20.26 20.26 20.27 20.26 20.27 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.21 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.26 20.21 20.21 20.25 20.26 20.25 20.26 20.25 20.26 20.25 20.25 20.26 20.25 20.26 20.25 20.25 20.26 20.25	ERP Average (W) 0.158 0.157 0.127 0.115 0.100 0.153 0.114 0.106 0.093 ERP Average (W) 0.164 0.163 0.120	99% BW (MHz) 4.5227 4.5076 4.536 4.536 4.536 4.536 8.960 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 8.9907 9.0001 8.9907 8.9007 8.90007 8.90007 8.9000	99% BW (kHz) 4522.7 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 8000.1 800	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M59D7W 5000000000000000000000000000000000000
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26_Uplink fr Low Frequency (MHz) 826.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5	CP QAM ney band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPI/2 BPSK DFTs QPSK CP QPSK CP QAM DFTs QPSK CP QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK CP QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.63 22.37 21.78 23.63 22.34 22.03 21.44 Conducted Average (dBm) 23.92 23.90 22.90 22.60 22.22	24.99 24.99 Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.07 20.26 19.67 ERP Average (dBm) 22.13 22.13 22.13 21.13 20.85 20.44 22.00 20.01 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 20.01 22.00 20.01 22.00 20.01 22.01 20.60 20.01 22.01 22.00 22.00 20.01 22.01 20.60 20.01 22.02 20.22	ERP Average (W) 0.158 0.157 0.115 0.127 0.115 0.100 0.153 0.153 0.164 0.106 0.093 ERP Average (W) 0.164 0.163 0.130 0.122 0.1121 0.1121	99% BW (MHz) 4.5227 4.536 4.536 4.5076 4.536 8.960 8.9907 9.0001 8.9907 99% BW (MHz) 4.5101 4.4985 4.5226 4.4985	99% BW (kHz) 4502.6 4507.6 4536.0 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 99% BW (kHz) 4510.1 4498.5 4522.6 4498.5	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 4M51G7W 4M51G7W 4M50G7W 4M50G7W 4M50G7W
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink fr Low Frequency Frequency (MHz) 826.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5	CP QAM mey band : 814 to 8 Modulation DFTs 91/2 BPSK DFTs 0PI2 BPSK DFTs 0PSK CP 0PSK CP 0PSK CP 0AM DFTs 91/2 BPSK DFTs 0AM CP 0PSK CP 0AM d : 824 to 849 MHz Modulation DFTs 91/2 BPSK DFTs 0PSK DFTs 0PSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.63 22.34 22.03 21.44 22.03 21.44 22.03 21.44 Average (dBm) 23.90 23.90 23.90 22.90 22.62 22.21 23.86 23.84 23.84	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 22.01 20.07 20.20 19.67 20.26 19.67 ERP Average (dBm) 22.15 22.13 22.13 22.13 22.13 22.13 22.13 22.13 22.14 22.03 22.01 22.00 22.01 20.00 20.01 20.01 20.00 20.01 20.01 20.01 20.01 20.01 20.01 20.01 20.01 20.01 20.01 20.01 20.01 20.02 20.01 20.01 20.02 20.01 20.01 20.01 20.01 20.01 20.02 20	ERP Average (W) 0.158 0.157 0.115 0.127 0.115 0.127 0.115 0.159 0.153 0.153 0.114 0.100 0.093 ERP Average (W) 0.163 0.163 0.163 0.163 0.163 0.163 0.162 0.111 0.162 0.111 0.162 0.157 0.127 0.115 0.127 0.115 0.127 0.115 0.127 0.115 0.127 0.115 0.127 0.115 0.127 0.115 0.127 0.115 0.127 0.115 0.153 0.153 0.100 0.093 0.093 0.093 0.163 0.163 0.163 0.163 0.163 0.163 0.163 0.162 0.111 0.162 0.111 0.127 0.115 0.127 0.115 0.157 0.157 0.157 0.115 0.157 0.157 0.157 0.157 0.153 0.100 0.093 0.157 0.163 0.163 0.163 0.163 0.162 0.162 0.163 0.163 0.163 0.120 0.162 0.163 0.163 0.163 0.120 0.162 0.163 0.163 0.163 0.120 0.162 0.163 0.163 0.162 0.162 0.162 0.163 0.162 0.162 0.162 0.162 0.163 0.162	99% BW (MHz) 4.5227 4.5076 4.536 8.964 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 4.5101 4.5101 4.4985 4.5226 4.5226 4.5226 8.951 8.9851	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0 9000.1 8990.7 9900.1 8990.7 99% BW (kHz) 4510.1 4498.5 4522.6 4522.6 8852.0	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M54D7W 8M99G7W 9M00G7W 8M99D7W 8M99D7W 7ype of Emission 4M51G7W 4M50G7W 4M50G7W 4M50G7W 4M50G7W 4M50G7W 4M52D7W 8M99G7W 4M52D7W 8M99G7W
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5 10	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink ff Low Frequency (MHz) 826.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5	CP QAM mey band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK CP QAM DFTs PI/2 BPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.37 23.36 22.34 22.34 22.34 21.44 Conducted Average (dBm) 23.92 23.90 22.90 22.90 22.90 22.90 22.90 22.91 23.384 22.64 23.84 22.64	24.99 ERP Average (dBm) 22.00 21.05 20.06 20.01 22.01 22.01 22.01 22.01 22.01 22.05 20.26 19.67 ERP Average (dBm) 22.15 22.15 22.13 21.13 20.85 20.44 22.09 22.07 20.87 20	ERP Average (W) 0.158 0.157 0.127 0.115 0.153 0.153 0.114 0.106 0.093 ERP Average (W) 0.164 0.163 0.162 0.161 0.122	99% BW (MHz) 4.5227 4.536 4.5076 4.536 8.964 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 8.9907 9.0001 8.9907 8.9907 8.9907 8.9951 8.9951 8.9516 8.95518 8.95518 8.95518 8.95518 8.95518 8.95518 8.95518 8.95518 8.955	99% BW (kHz) 4522.7 4507.6 4536.0 8964.0 9900.1 8990.7 9000.1 8990.7 9000.1 8990.7 99% BW (kHz) 4510.1 4510.1 4522.6 4522.6 4522.6 4522.6 8951.0 8895.9	Type of Emission 4M52G7W 4M54G7W 4M54D7W 4M54D7W 4M54D7W 4M56G7W 4M50D7W 4M50D7W 4M5
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5 10 10	n26 Part90s_ Low Frequency (MHz) 816.5 819 n26_Uplink ft Low Frequency (MHz) 826.5 829	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5	CP QAM ney band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QPSK CP QAM DFTs PI/2 BPSK DFTs QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs QAM DFTs QPSK CP QAM DFTs QPSK CP QAM DFTs QPSK CP QAK CP QPSK CP QAK CP QPSK CP QAK CP QPSK CP QAK CP QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.63 22.34 22.03 21.44 Conducted Average (dBm) 23.92 23.90 22.90 22.90 22.90 22.90 22.90 22.90 22.62 22.21 23.84 23.84 22.64 22.64	24.99 ERP Average (dBm) 22.00 22.00 22.01 22.01 22.01 22.01 22.01 22.05 20.26 19.67 20.26 19.67 22.13 22.13 21.13 20.44 22.09 22.07 20.04 22.07 20.87 20.06 20.01 22.01 22.10 22.10 22.10 20.01 22.10 20.01 22.01 20.02 20	ERP Average (M) 0.158 0.157 0.127 0.115 0.110 0.153 0.114 0.106 0.093 ERP Average (M) 0.163 0.163 0.163 0.163 0.163 0.162 0.164 0.162 0.1111 0.162 0.122 0.1111 0.162 0.122 0.1111 0.162 0.163 0.122 0.1111 0.162 0.122 0.1111 0.162 0.163 0.122 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1123 0.1122 0.1123 0.1122 0.1222 0.1222 0.1222 0.1222 0.1222 0.1222 0.1222 0.1222 0.122	99% BW (MHz) 4.5076 4.5076 4.536 4.5076 4.536 4.5076 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 4.5101 4.5101 4.5101 4.5101 4.5101 4.5101 4.5226 4.5226 8.995 8.995 8.9969 8.982	99% BW (kHz) 4522.7 4507.6 4536.0 4507.6 4536.0 8960.0 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 99% BW (kHz) 4510.1 4498.5 4522.6 8951.0 8951.0 8982.0	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M50G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 4M50G7W 4M50G7W 4M50G7W 4M50G7W 4M50G7W 4M50G7W 5M00D7W 5M0
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5 10	226 Part90s_ Low Frequency (MHz) 816.5 819 200 819 200 819 819 819 826.5 829	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844	CP QAM mey band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK CP QPSK CP QPSK CP QPSK CP QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK CP QAM d : 824 to 849 MHz Modulation DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 23.76 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 22.33 21.44 Conducted Average (dBm) 23.92 23.90 22.59 22.59 22.59 22.50	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.57 20.260 19.67 ERP Average (dBm) 22.15 22.13 21.13 20.13 20.57 22.13 22.13 21.13 20.85 20.04 20.07 20.05 20.00 20.01 20.01 20.01 20.00 20.01 20.01 20.00 20.01 20.00 20.01 20.00 20.01 20.00 2	ERP Average (M) 0.158 0.157 0.127 0.157 0.127 0.115 0.159 0.159 0.159 0.159 0.159 0.114 0.106 0.100 0.159 0.114 0.106 0.101 0.159 0.114 0.164 0.164 0.162 0.112 0.122 0.122 0.122 0.122 0.122 0.102 0.100 0.157 0.127 0.115 0.127 0.127 0.158 0.157 0.127 0.159 0.157 0.159 0.157 0.159 0.157 0.159 0.157 0.159 0.157 0.159 0.157 0.159 0.157 0.159 0.158 0.157 0.159 0.159 0.157 0.115 0.159 0.158 0.115 0.159 0.159 0.156 0.115 0.159 0.159 0.156 0.115 0.159 0.156 0.115 0.116 0.115 0.116 0.116 0.110 0.153 0.112 0.116 0.110 0.112 0.112 0.122 0.112 0.112 0.122 0.112 0.112 0.122 0.112 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.112 0.122 0.122 0.122 0.112 0.12	99% BW (MHz) 4.5076 4.5076 4.5076 4.5076 4.5076 4.5076 4.5076 4.5076 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 4.5101 4.4385 4.5226 4.4385 4.5226 8.9551 8.9959 8.9969 8.9962	99% BW (kHz) 4522.6 4507.6 4536.0 4507.6 8960.1 8990.7 9000.1 8990.7 9000.1 8990.7 8990.7 8990.7 8990.7 8990.1 8990.7 8990.1 8990.9 4510.1 4522.6 4522.6 4522.6 8996.9 8986.0 8996.9	Type of Emission 4Ms2G7W 4Ms1G7W 4Ms1G7W 4Ms1G7W 4Ms4D7W 8M96G7W 9M00G7W 8M99D7W 8M99D7W 7ype of Emission 4Ms1G7W 4Ms5G7W 4Ms5G7W 4Ms5G7W 4Ms5G7W 4Ms5G7W 8M99G7W 9M00D7W 8M99G7W 8M99G7W
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5 10	226 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink fr Frequency (MHz) 826.5 829	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5	CP QAM mey band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM DFTs PI/2 BPSK DFTs QPSK DFTs	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 23.77 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.37 21.44 22.63 21.44 23.90 22.90 22.90 22.62 22.21 23.386 23.84 22.63 22.94 23.94	24.99 ERP Average (dBm) (22.00 22.00 22.01 22.01 22.01 22.01 22.01 22.01 22.01 20.60 19.67 ERP Average (dBm) 22.13 22.13 22.13 20.85 20.44 22.07 20.86 20.04 22.07 20.86 20.04 22.17	ERP Average (W) 0.158 0.157 0.127 0.100 0.153 0.114 0.100 0.093 ERP Average (W) 0.164 0.163 0.122 0.164 0.163 0.122 0.122 0.122 0.122 0.122 0.122 0.122 0.122 0.122 0.164 0.165 0.122 0.122 0.165 0.122 0.165 0.127 0.158 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.159 0.164 0.163 0.122 0.164 0.163 0.122 0.122 0.122 0.122 0.122 0.122 0.122 0.122 0.122 0.125 0.127 0.114 0.093 0.159 0.164 0.163 0.122 0.122 0.122 0.122 0.122 0.122 0.123 0.125 0.155	99% BW (MHz) 4.5227 4.5076 4.5076 4.536 4.536 4.536 8.964 9.0001 8.9907 9.0001 8.9907 9.0001 8.9907 4.5101 4.4985 4.5226 4.5226 4.5226 8.9969 8.9982 8.9969 8.9982	99% BW (kHz) 4522.7 4507.6 4536.0 4536.0 8964.0 9000.1 8990.7 9900.1 8990.7 9900.1 8990.7 9900.1 8990.7 99% BW (kHz) 4510.1 4510.1 4522.6 4522.6 8951.0 8895.0 8895.0 8896.2 8896.2	Type of Emission 4M52G7W 4M54G7W 4M54G7W 4M54G7W 4M54G7W 4M59G7W 8M99D7W 8M99D7W Type of Emission 4M51G7W 4M50G7W 4M5
G NR Band Bandwidth (MHz) 5 10 G NR Band Bandwidth (MHz) 5 10	26 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink fr Frequency (MHz) 826.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844	CP QAM ney band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QPSK CP QPSK CP QAM DFTs PI/2 BPSK DFTs QAM d : 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs QAM CP QPSK CP QAM DFTs QPSK DFTs QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 23.77 23.74 22.82 23.77 23.76 23.76 23.76 23.76 23.76 23.76 23.76 23.76 23.76 23.76 23.92 23.92 23.92 23.99 22.90 23.90 22.90 23.90 22.90 23.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 22.90 23.90 22.90 23.90 22.90 23.90	24.99 ERP Average (dBm) 22.00 21.97 21.05 22.01 22.01 22.18 20.60 20.01 22.11 22.13 20.260 19.67 ERP (dBm) 22.15 22.13 22.13 22.13 22.13 22.13 22.13 22.13 22.13 22.13 20.60 20.04 22.01 22.19 22.00 20.06 20.04 20.04 20.08 20.04 22.09 22.09 22.09 22.02 20.26 20.26 20.26 20.26 20.26 20.27 20.26 20.27 20.26 20.27 20.26 20.27 20.28 20.29 20.29 20.28 20.29 20.28 20.28 20.29 20.28 20.28 20.28 20.29 20.28 20.58 20.28 20.58 20.	ERP Average (W) 0.158 0.157 0.127 0.158 0.153 0.153 0.100 0.059 Average (W) 0.164 0.164 0.162 0.112 0.111 0.162 0.122 0.111 0.162 0.122 0.166 0.162 0.164 0.122 0.112 0.164 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.125 0.125 0.127 0.127 0.158 0.164 0.122 0.112 0.112 0.112 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.116 0.122 0.126 0.122 0.166 0.122 0.166 0.122 0.166 0.122 0.166 0.122 0.166 0.122 0.166 0.168 0.168 0.122 0.166 0.122 0.166 0.168 0.16	99% BW (MHz) 4.527 4.5076 4.5076 4.5076 4.5076 4.5076 8.964 9.0001 8.9907 8.9907 8.9907 9% BW (MHz) 4.5101 4.5101 4.5226 4.5226 4.5226 4.5226 4.5226 8.9851 8.9892 8.98959 8.982 8.98959 13.471	99% BW (kHz) 4522.7 4507.6 4536.0 8964.0 9000.1 8990.7 9000.1 8990.7 9000.1 8990.7 99% BW (kHz) 4510.1 4498.5 4522.6 4498.5 4522.6 8986.0 8986.9 8986.9 8986.9 8986.9	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00G7W 5M00D7W 5M0
(MHz) G NR Bandwidth (MHz) 10 G NR Bandwidth (MHz) 10 10 10 10 15 10 10 15	Bearton Composition Requery requery R16.5 819 n26 Uplink fn Low Frequency (MHz) 826.5 829 831.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844	CP QAM mey band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QAM DFT-s PI/2 BPSK DFT-s QAM CP QAM DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s QPSK DFT-s QAM DFT-s QAM CP QPSK CP QAM DFT-s QPSK DFT-s QAM DFT-s QPSK DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-S QAM CP QPSK DFT-S QAM CP QPSK DFT-S QAM CP QPSK DFT-S QAM CP QPSK DFT-S QAM CP QPSK DFT-S QAM DFT-S Q	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 23.76 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.93 21.44 Conducted Average (dBm) 23.92 23.90 22.60 22.90 22.62 23.90 22.62 23.90 22.62 23.90 22.62 23.90 22.62 23.90 22.62 23.90 22.62 23.90 22.62 23.90 22.62 23.90 22.62 23.94 24.94 24.94	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.57 20.260 19.67 ERP Average (dBm) 22.15 22.13 21.13 20.85 22.13 21.13 20.85 20.04 22.09 22.07 20.60 22.01 22.15 22.13 21.13 20.85 22.13 21.13 20.85 22.15 22.13 21.13 20.85 22.15 22.13 21.13 20.85 22.15 22.13 21.13 20.85 22.15 22.13 21.13 20.85 22.15 22.25 22.25 22.15 22.15 22.15 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 22.25 20.85 20.85 20.84 20.26 20.27 20.85 20.26 20.27 20.85 20.27 20.85 20.26 20.27 20.85 20.27 20.85 20.26 20.27 20.85 20.27 20.85 20.27 20.85 20.26 20.27 22.15 22.15 22.17 22.15 22.15 22.17 22.15 22.15 22.16 20.24 20.57 20.85 20.24 20.57 20.85 2	ERP 4. Average (W) 0.158 0.157 0.127 0.157 0.170 0.153 0.171 0.105 0.153 0.115 0.115 0.115 0.115 0.115 0.115 0.157 0.127 0.127 0.122 0.121 0.122 0.121 0.122 0.121 0.122 0.121 0.122 0.121 0.121 0.122 0.121 0	99% BW (MHz) 4.527 4.537 4.536 9.0001 8.9907 99% BW (MHz) 4.4985 4.528 4.528 8.9969 8.982 8.9969 8.982 8.9969 8.3458 8.9969 8.3458 8.9969	99% BW (kHz) 4522.7 4507.6 4536.0 8990.7 9900.1 8990.7 99% BW (kHz) 4510.1 8990.7 99% BW (kHz) 4510.1 8990.7 99% BW (kHz) 4510.1 8990.7 8990.7 99% BW (kHz) 4510.1 8990.7 8990.7 99% BW (kHz) 4510.1 8990.7 1 99% BW (kHz) 4510.1 8990.7 1 99% BW (kHz) 1 99% BW (kHz) 1 99% BW (kHz) 1 99% BW (kHz) 1 99% BW (kHz) 1 990.1 1 990.1 1 990.7 1 99% BW (kHz) 1 990.7 1 99% BW (kHz) 1 990.7 1 99% BW (kHz) 1 99% BW (kHz) 1 1	Type of Emission 4Ms2G7W 4Ms1G7W 4Ms1G7W 4Ms1G7W 4Ms6D7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 8M99D7W 7ype of Emission 4Ms1G7W 4Ms0G7W 4Ms0G7W 4Ms2D7W 8M99G7W 8M99D7W 8M90D7W 8M99D7W 8M90
IG NR Bandwidth (MHz) 5 10 6 NR Band Bandwidth (MHz) 5 10 10 10	226 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink fi Low Frequency (MHz) 826.5 829 831.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844	CP QAM mey band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM DFTs PI/2 BPSK DFTs QPSK DFTs	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 22.36 32.23 21.78 22.37 21.78 22.37 21.78 22.37 21.78 22.37 21.78 22.39 22.03 21.44 Conducted Average (dBm) 23.92 23.90 22.90 23.	24.99 ERP Average (dBm) 22.00 21.97 21.97 21.05 20.60 20.01 22.19 22.01 21.86 20.26 19.67 ERP Average (dBm) 22.01 22.11 22.13 22.13 22.13 22.13 22.13 22.13 22.14 22.06 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.01 22.15 22.15 22.15 22.15 22.15 22.15 22.15 22.15 22.15 22.15 22.15 22.07 20.86 20.04 22.07 20.86 20.04 22.07 20.86 20.04 22.07 22.15 22.15 22.15 22.15 22.15 22.15 22.15 22.07 20.86 20.04 20.04 20.06 20.04 20.05 20	ERP Moral Sector 2015 0.159 0.159 0.157 0.157 0.157 0.157 0.157 0.157 0.157 0.157 0.159 0.151 0.150	99% BW (MHz) 4 5227 4 5076 4 536 4 536 8 584 9 0001 9 0001 8 9907 9 9% BW (MHz) 9 9% BW (MHz) 9 4 5101 4 508 4 5026 4 5026 4 5026 4 5026 8 9907 9 8 907 9 8 907 9 8 907 1 3 458 8 969 8 9696 8 9696 9 13 44965 1 3 44	99% BW (kHz) 4522.7 4507.6 4536.0 4537.6 4536.0 9000.1 9000.1 8990.7 9000.1 8990.7 99% BW (kHz) 4428.5 4522.6 8990.7 99% BW (kHz) 4428.5 4525.6 8986.9 8986.9 8986.9 8986.9 8986.9 8986.9 13488.0 8986.2 13484.0 13484.0 13484.0	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M50G7W 8M99D7W 8M99D7W 7ype of Emission 4M51G7W 4M50G7W 4M5
(MR2) 10 G NR Bandwidth (MR2) 10 G NR Band (MR2) 10 10 10 10 10 10 10 10 10 10	226 Part90s_ Low F(MHz) 816.5 819 n26 Uplink fr Frequency (MHz) 826.5 829 831.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844	CP QAM ney band : 814 to 8 Modulation DFTs P1/2 BPSK DFTs QPI/2 BPSK DFTs QPSK CP QPSK CP QPSK CP QAM DFTs P1/2 BPSK DFTs QAM CP QPSK CP QAM DFTs QAM CP QPSK CP QAM DFTs QAM CP QPSK CP QAM DFTs QAM DFTs QPI/2 BPSK DFTs QAM DFTs P1/2 BPSK DFTs QAM CP QPSK CP QAM DFTs QPSK CP QAM CP QPSK CP QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.63 22.34 22.03 21.44 Conducted Average (dBm) 23.99 22.90 23.90 23.90 23.90 22.90 23.90	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.15 22.00 20.60 20.00 20.01 20.00 20.01 20.00 20.01 20.00 20.01 20.00 20.00 20.01 20.00 20.01 20.00 20.01 20.00 20.01 20.00 20	ERP Mverage (W) 0.159 0.157 0.127 0.157 0.127 0.157 0.157 0.127 0.15	99% BW (MH2) 4 527 4 5076 4 537 4 5076 4 537 4 5576 9 907 9 9% BW (MH2) 9 907 9 9% BW (MH2) 4 5107 4 5997 9 9907 9 9% BW (MH2) 4 5997 9 9907 9 997 8 9907 9 997 9 9 9 9	99% BW (kHz) 4522.7 4507.6 4536.0 4536.0 4536.0 9900.7 9000.1 8990.7 9900.1 8990.7 9900.1 8990.7 9900.1 4510.1 4510.1 4522.6 8951.0 996.8 4522.6 8951.0 996.2 9971.0 13541.0 13545.0 13541.0 13545.0	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M50G7W 8M90G7W 8M90D7W 8M90D7W 7ype of Emission 4M51G7W 4M50G7W 4M5
IG NR Bandwidth (MHz) 5 10 G NR Bandwidth (MHz) 5 10 G NR Band (MHz) 10 10 15 10 15	226 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink fi Frequency (MHz) 826.5 829 831.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844	CP QAM mey band : 814 to 8 Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QPSK CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QPSK DFT-	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 23.37 23.78 23.78 23.78 23.78 23.78 23.78 23.78 23.78 22.37 23.30 22.34 22.03 21.44 Conducted Average (dBm) 23.92 23.90 22.62 23.90 22.62 23.86 23.84 22.64 22.64 22.64 22.64 22.64 23.94 23.94 23.94 23.91 22.30 12.23 23.91 22.30 21.70 23.94 24.94 24.94 24.94 24.94 24.94 24.94 24.94 24.94	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 21.86 20.57 20.261 20.62 19.67 ERP Average (dBm) 22.15 22.15 22.13 21.13 20.85 20.63 20.04 22.09 22.07 20.60 22.01 22.15 22.13 21.13 20.85 22.15 22.13 22.15 22.13 21.13 20.85 20.04 20.04 20.04 20.04 20.04 21.97 22.15 22.15 22.13 21.13 20.85 20.04 20.04 20.04 20.04 20.04 20.04 21.97 22.15 22.15 22.13 21.13 20.85 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 21.14 22.15 22.15 22.13 20.08 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.04 20.05 2	ERP Average (M) 0.158 0.157 0.127 0.127 0.127 0.120 0.150 0.127 0.120 0.150 0.127 0.120 0.150 0.127 0.120 0.150 0.127 0.120 0.150 0.150 0.127 0.120 0.150 0.150 0.127 0.120 0.15	99% BW (MHz) 4 5227 4 5076 4 538 4 538 8 644 9 0001 8 9907 99% BW (MHz) 4 4985 4 5226 4 4985 4 4985 4 4985 8 882 9 5909 13 471 13 560 13 594 13 594	99% BW (k42) 4527,7 4507,6 4536,0 4536,0 8964,0 9000,1 8990,7 9000,1 8990,7 9000,1 8990,7 9000,1 8990,7 9000,1 8990,7 9000,1 4456,0 4452,6 4451,0 4451,0 4451,0 4451,0 4451,0 4451,0 4451,0 4451,0 4451,0 8962,0 99%,5 8965,0 1344,0 13454,0 1	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M507W 5000000000000000000000000000000000000
(G NR Band (MHz) 5 10 G NR Band (MHz) 5 10 10 10 10 10	226 Part90s_ Low Frequency (MHz) 816.5 819 n26 Uplink fi Low Frequency (MHz) 826.5 829 831.5	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844 841.5	CP QAM ney band: 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QPSK CP QAM DFTs PI/2 BPSK DFTs QPSK CP QAM d: 824 to 849 MHz Modulation DFTs PI/2 BPSK DFTs QPSK CP QAM DFTs QPSK DFTs QASK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QAM DFTs QPSK DFTs QAM DFTs QPSK DFTs QAM DFTs QPSK DFTs QAM DFTs QAM DFTs QAM	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 22.37 21.78 23.63 22.34 22.03 21.44 Conducted Average (dBm) 23.92 23.90 22.90	24.99 ERP Average (dBm) 22.00 21.97 21.97 21.05 22.01 22.19 22.19 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.02 (dBm) 22.01 22.01 22.02 20.60 20.02 22.01 22.02 20.60 20.02 22.01 22.02 20.02 20.02 22.01 22.02 20.02 20.02 22.01 22.02 20	ERP Moral Sector 2015 0.159 0.159 0.157 0.157 0.157 0.157 0.157 0.157 0.157 0.157 0.157 0.159 0.151 0.105 0.159 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.152 0.153 0.153 0.153 0.153 0.153 0.153 0.153 0.154 0.155 0.154 0.155 0.154 0.155 0.154 0.155 0.154 0.155 0.155 0.154 0.155	99% BW (MHz) 4 5076 4 537 4 5076 4 537 4 5076 4 537 9 5907 9 9001 8 5907 9 9001 8 5907 9 9001 8 5907 9 9001 4 5101 4 5076 4 5076 5 5077 5 5077 5 50777 5 50777 5 50777 5 507777 5 507777 5 50777777 5 507777777777	99% BW (kłz) 4522.7 4507.6 4536.0 4537.6 4536.0 9000.1 99% BW (kłz) 4500.1 4500.1 4500.1 4500.1 4500.1 4500.1 4500.1 4500.1 4500.1 4500.1 4500.1 4500.1 8990.7 99% BW (kłz) 4500.1 4500.	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M507W 8M99D7W 8M99D7W 8M99D7W 7ype of Emission 4M51G7W 4M51G7W 4M50
IG NR Bandwidth (MHz)	n26 Part90s_ Low Flow 816.5 819 n26_Uplink ft Low Frequency (MHz) 826.5 829 831.5 834	Uplink freque Upper Frequency (MHz) 821.5 819 requency ban Upper Frequency (MHz) 846.5 844 841.5 839	CP QAM mey band : 814 to 8 Modulation DFTs PI/2 BPSK DFTs QPSK DFTs QPSK CP QPSK CP QPSK CP QAM DFTs PI/2 BPSK DFTs QAM CP QPSK CP QAM d : 824 to 849 MHz Modulation DFTs QAM CP QPSK CP QAM DFTs QAPSK CP QAM DFTs QAPSK CP QAM DFTs QAPSK CP QAM DFTs QAPSK CP QAM DFTs QAPSK CP QPSK	22.20 24 MHz Conducted Average (dBm) 23.77 23.74 22.82 23.77 21.78 23.76 23.76 23.76 23.76 23.76 23.76 23.76 23.77 21.78 23.76 23.77 21.78 23.76 23.77 21.78 23.77 21.78 23.77 21.78 23.77 21.78 23.77 21.78 23.77 21.78 23.77 21.78 23.77 21.78 23.77 21.78 23.92 23.90 22.90 22.62 22.21 23.86 22.90 22.62 22.21 23.386 22.90 22.64 22.90 22.64 22.90 22.90 22.62 22.21 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.386 22.91 23.394 22.93 23.01 22.22 23.92 23.392 23.306 21.992 23.306	24.99 ERP Average (dBm) 22.00 21.97 21.05 20.60 20.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.01 22.13 22.13 22.15 22.13 22.13 22.15 22.17 20.82 20.87 20.87 20.87 20.87 20.87 20.82 20	ERP 4.verage (W) 0.159 0.157 0.157 0.157 0.157 0.157 0.153 0.115 0.115 0.115 0.115 0.115 0.115 0.115 0.115 0.115 0.115 0.115 0.157 0.1	99% BW (MHz) 4 5076 4 5076 4 5076 4 5076 4 5076 4 5076 9 9001 8 9907 9 9% BW (MHz) 4 5010 4 5007 9 9% BW (MHz) 4 5007 4 5007 4 5007 9 9% BW (MHz) 4 5007 4 5007 4 5007 8 9907 9 9% BW (MHz) 4 5007 1 3 400 8 9907 1 3 450 8 9909 1 3 471 1 3 458 8 9969 1 3 4526 8 9969 1 3 4526 1 3 456 1 3 456	99% BW (kHz) 4522.7 4507.6 4536.0 4536.0 9804.0 900.1 8990.7 9000.1 8990.7 99% BW (kHz) 4510.1 4510.1 4512.5 8951.0 99% BW (kHz) 4522.5 8951.0 99% BW (kHz) 4522.5 8951.0 13541.0 13540.0 15550.0 15550.0 1555	Type of Emission 4M52G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 8M99D7W 5M00G7W 4M51G7W 4M50G7W 13M507W

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.

t (886-2) 2299-3279

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

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

f (886-2) 2298-0488

SG

Report No.: TERF2410003183ER Page: 9 of 36

	n30_Uplink f	requency ban	u . 2303 to 2313 Mir	IZ					
Bandwidth	Low	Upper		Conducted	EIRP	EIRP	99% BW	99% BW	
(MHz)	Frequency	Frequency	Modulation	Average	Average	Average	(MHz)	(kHz)	Type of Emission
(mr12)	(MHz)	(MHz)		(dBm)	(dBm)	(W)	(mriz)	(KHZ)	
			DFT-s PI/2 BPSK	22.48	23.67	0.233	4.5129	4512.9	4M51G7W
			DFT-s QPSK	22.45	23.64	0.231	4.4943	4494.3	4M49G7W
5	2307.5	2312.5	DFT-s QAM	21.44	22.63	0.183	4.5123	4512.3	4M51D7W
			CP QPSK	21.22	22.41	0.174	4.4943	4494.3	4M49G7W
			CP QAM	20.52	21.71	0.148	4 5123	4512.3	4M51D7W
		0010	DET-e PI/2 BPSK	22.47	23.66	0.232	8 9508	8950.8	8M05G7W
			DET & OPSK	22.47	23.00	0.202	9.0542	9054.2	9M05C7W
10	2210		DEL OVIN	22.30	23.37	0.220	0.9042	0004.2	01/193G7W
10	2310	2310	DFT-S QAW	21.40	22.00	0.104	0.9022	0902.2	OIVI96D/ VV
			CP QPSK	21.37	22.56	0.180	8.9542	8954.2	8M95G/W
			CP QAM	20.42	21.61	0.145	8.9822	8982.2	8M98D7W
5G NR Band	n38_Uplink f	requency ban	d : 2570 to 2620 MI	z					
Dondwidth	Low	Upper		Conducted	EIRP	EIRP	00% DW	00% DW	
(MUL=)	Frequency	Frequency	Modulation	Average	Average	Average	(MUL-)	(LU=)	Type of Emission
(MITIZ)	(MHz)	(MHz)		(dBm)	(dBm)	(W)	(WITZ)	(KEZ)	
			DFT-s PI/2 BPSK	24.06	25.25	0.335	8.6405	8640.5	8M64G7W
			DFT-s QPSK	23.87	25.06	0.321	8.6355	8635.5	8M64G7W
10	2575	2615	DFT-s QAM	23.31	24.50	0.282	8.6452	8645.2	8M65D7W
10	2010	2010	CP OPSK	22.59	23.78	0.230	8.6355	8635.5	8M64G7W
			CROAM	22.00	23.70	0.200	9.6452	9645.2	9M65D7W
			CP QAM	22.20	23.39	0.210	0.0432	40047.0	01/103D7 W
			DF1-S PI/2 BPSK	24.05	25.24	0.334	12.947	12947.0	121/19G7W
			DFT-S QPSK	23.94	25.13	0.326	12.951	12951.0	13M0G/W
15	2577.5	2612.5	DFT-s QAM	23.05	24.24	0.265	12.96	12960.0	13M0D7W
	1		CP QPSK	22.84	24.03	0.253	12.951	12951.0	13M0G7W
			CP QAM	22.32	23.51	0.224	12.96	12960.0	13M0D7W
			DFT-s PI/2 BPSK	23.95	25.14	0.327	17.94	17940.0	17M9G7W
	1		DFT-s QPSK	23.90	25.09	0.323	17.918	17918.0	17M9G7W
20	2580	2610	DFT-s QAM	23.14	24.33	0.271	17.967	17967.0	18M0D7W
			CP OPSK	22.92	24.11	0.258	17 918	17918.0	17M9G7W
			CP OAM	22.39	23.58	0.228	17 967	17967.0	18M0D7W
FOC SC ND I	Danal n 44 i lini	ink from one		O MUL	20.00	0.220	11.001	11001.0	101100711
FUU DU NK I	Sand n41_0pi	Ink frequency	/ Danu : 2496 to 265		5100	FIDD	1	-	1
Bandwidth	Low	Upper		Conducted	EIRP	EIRP	99% BW	99% BW	
(MHz)	Frequency	Frequency	Modulation	Average	Average	Average	(MHz)	(kHz)	Type of Emission
((MHz)	(MHz)		(dBm)	(dBm)	(W)	((
			DFT-s PI/2 BPSK	23.86	25.05	0.320	8.6181	8618.1	8M62G7W
		2685	DFT-s QPSK	23.82	25.01	0.317	8.6483	8648.3	8M65G7W
10	2501.01		DFT-s QAM	22.99	24.18	0.262	8.7379	8737.9	8M74D7W
			CP QPSK	22.52	23.71	0.235	8.6483	8648.3	8M65G7W
			CP QAM	22.00	23.19	0.208	8.7379	8737.9	8M74D7W
			DET-e PI/2 BPSK	23.00	25.09	0.323	12 0//	120// 0	12M9G7W
			DET & OPSK	20.00	25.00	0.323	12.044	12044.0	12M0C7W
15	2502.5	0000.40	DET + OAM	20.00	24.00	0.010	12.000	120055.0	121400714/
15	2003.5	2002.40	CD ODCK	23.10	24.29	0.209	12.900	12900.0	131/10/2714/
			OP QPSK	22.30	23.11	0.230	12.909	12909.0	131010G7W
			CP QAM	21.85	23.04	0.201	12.900	12955.0	13M0D7W
			DFT-s PI/2 BPSK	23.81	25.00	0.316	17.938	17938.0	17M9G7W
			DFT-s QPSK	23.77	24.96	0.313	17.979	17979.0	18M0G7W
20	2506.02	2679.99	DFT-s QAM	23.00	24.19	0.262	17.944	17944.0	17M9D7W
			CP QPSK	22.48	23.67	0.233	17.979	17979.0	18M0G7W
			CP QAM	21.93	23.12	0.205	17.944	17944.0	17M9D7W
5G NR Band	n53 Uplink f	requency ban	d : 2483.5 to 2495 M	1Hz					
	Low	Unner		Conducted	FIRP				
Bandwidth	Frequency	Frequency	Modulation			EIRP			
(MHz)	(MHz)			Average	Average	EIRP Average	99% BW	99% BW	Type of Emission
	((MHz)	modulation	Average (dBm)	Average (dBm)	EIRP Average	99% BW (MHz)	99% BW (kHz)	Type of Emission
		(MHz)	DET.e PI/2 RPSK	Average (dBm)	Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
		(MHz)	DFT-s PI/2 BPSK	Average (dBm) 23.35	Average (dBm) 24.54	EIRP Average (W) 0.284	99% BW (MHz) 8.6558	99% BW (kHz) 8655.8	Type of Emission 8M66G7W
10	2499 F	(MHz)	DFT-s PI/2 BPSK DFT-s QPSK	Average (dBm) 23.35 23.19 22.49	Average (dBm) 24.54 24.38 23.67	EIRP Average (W) 0.284 0.274	99% BW (MHz) 8.6558 8.6151 8.6426	99% BW (kHz) 8655.8 8615.1	Type of Emission 8M66G7W 8M62G7W
10	2488.5	(MHz) 2490	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM	Average (dBm) 23.35 23.19 22.48	Average (dBm) 24.54 24.38 23.67	EIRP Average (W) 0.284 0.274 0.233	99% BW (MHz) 8.6558 8.6151 8.6426	99% BW (kHz) 8655.8 8615.1 8642.6	Type of Emission 8M66G7W 8M62G7W 8M64D7W 8M64D7W
10	2488.5	(MHz) 2490	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51	Average (dBm) 24.54 24.38 23.67 23.31	EIRP Average (W) 0.284 0.274 0.233 0.214	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1	Type of Emission 8M66G7W 8M62G7W 8M64D7W 8M62G7W 8M62G7W
10	2488.5	(MHz) 2490	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM	Average (dBm) 23.35 23.19 22.48 22.12 21.51	Average (dBm) 24.54 24.38 23.67 23.31 22.70	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6	Type of Emission 8M66G7W 8M62G7W 8M64D7W 8M62G7W 8M62D7W 8M64D7W
10 5G NR Band	2488.5 n66_Uplink f	(MHz) 2490 requency ban	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 1710 to 1780 MH	Average (dBm) 23.35 23.19 22.48 22.12 21.51 z	Average (dBm) 24.54 24.38 23.67 23.31 22.70	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6	Type of Emission 8M66G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W
10 5G NR Band	2488.5 n66_Uplink f	(MHz) 2490 requency ban Upper	DFT-s PU2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 1710 to 1780 MH	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6	Type of Emission 8M66G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W
10 5G NR Band Bandwidth	2488.5 n66_Uplink f Low Frequency	(MHz) 2490 requency ban Upper Frequency	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 1710 to 1780 MH Modulation	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP Average	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 99% BW (MH-)	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz)	Type of Emission 8M66G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W Type of Emission
10 5G NR Band Bandwidth (MHz)	2488.5 n66_Uplink f Low Frequency (MHz)	(MHz) 2490 Upper Frequency (MHz)	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 1710 to 1780 MH Modulation	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm)	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP Average (dBm)	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W)	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 99% BW (MHz)	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz)	Type of Emission 8M66G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W Type of Emission
10 5G NR Band Bandwidth (MHz)	2488.5 n66_Uplink f Low Frequency (MHz)	(MHz) 2490 Vpper Frequency ban Upper Frequency (MHz)	DFT-s PV2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 1710 to 1780 MH Modulation DFT-s PV2 BPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP Average (dBm) 26.75	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 99% BW (MHz) 4.511	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.0	Type of Emission BM66G7W BM62G7W BM64D7W BM64D7W BM64D7W Type of Emission 4M51G7W
10 5G NR Band Bandwidth (MHz)	2488.5 n66_Uplink f Low Frequency (MHz)	(MHz) 2490 vequency ban Upper Frequency (MHz)	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 1710 to 1780 MH Modulation DFT-s QPSK DFT-s QPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP Average (dBm) 26.75 26.73	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.471	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 99% BW (MHz) 4.511 4.5115	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.0 4511.5	Type of Emission 8M66G7W 8M6227W 8M64D7W 8M64D7W 8M64D7W Type of Emission 4M51G7W 4M51G7W
10 5G NR Band Bandwidth (MHz) 5	2488.5 n66_Uplink f Low Frequency (MHz)	(MHz) 2490 Upper Frequency ban Upper Frequency (MHz)	Incontation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK CP QPSK CP QAM d: 1710 to 1780 MF Modulation DFT-s QPSK DFT-s QPSK DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90	Average (dBm) 24.54 24.38 23.67 23.31 23.70 EIRP Average (dBm) 26.75 26.73 25.69	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.471 0.371	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 99% BW (MHz) 4.511 4.5115 4.505	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.0 4511.5 4505.0	Type of Emission 8M66G7W 8M62C7W 8M64D7W 8M64D7W 8M64D7W Type of Emission 4M51G7W 4M51G7W 4M51G7W
10 5G NR Band Bandwidth (MHz) 5	2488.5 n66_Uplink f Low Frequency (MHz) 1712.5	(MHz) 2490 Value of the second	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d : 1710 to 1780 MH Modulation DFT-s QPSK DFT-s QPSK DFT-s QPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP Average (dBm) 26.75 26.73 25.69 25.61	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.471 0.348	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 8.6151 8.6426 99% BW (MHz) 4.511 4.5115 4.5115 4.5115	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.0 4511.5 4505.0	Type of Emission 8M66G7W 8M62G7W 8M62G7W 8M62G7W 8M64D7W 8M62D7W 8M64D7W Type of Emission 4M51G7W 4M51G7W 4M51G7W
10 5G NR Band Bandwidth (MHz) 5	2488.5 n66_Uplink f Low Frequency (MHz) 1712.5	(MHz) 2490 Vpper Frequency (MHz) 1777.5	Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM d: 1710 to 1780 MH Modulation DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 23.94 22.90 22.62 21.97	Average (dBm) 24,54 24,38 23,67 23,31 22,70 EIRP Average (dBm) 26,75 26,73 25,69 25,69 25,69	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.471 0.371 0.371 0.371	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 99% BW (MHz) 4.511 4.5115 4.505 4.515	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.0 4511.5 4505.0 4511.5	Type of Emission 8M86G7W 8M62G7W 8M64D7W 8M62C7W 8M64D7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W
10 5G NR Band Bandwidth (MHz) 5	2488.5 n66_Uplink f Low Frequency (MHz) 1712.5	(MHz) 2490 requency ban Upper Frequency (MHz) 1777.5	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QPSK CP QAM d: 1710 to 1780 MH Modulation DFT-s PI/2 BPSK DFT-s QPSK CP QAM CP QPSK CP QAM	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 22.62 21.87 22.62	Average (dBm) 24.54 23.67 23.31 22.70 EIRP Average (dBm) 26.75 25.69 25.69 25.69 25.61 26.62	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.471 0.371 0.371 0.348 0.292	99% BW (MHz) 8.6558 8.6151 8.6426 8.6451 8.6426 8.6451 8.6426 99% BW (MHz) 4.511 4.5115 4.505 4.5115 4.505	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.5 4501.5 4505.0 4511.5	Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W 8M64D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 8M66D7W 8M64D7W 8M6
10 5G NR Band Bandwidth (MHz) 5	2488.5 n66_Uplink f Low Frequency (MHz) 1712.5	(MHz) 2490 requency ban Upper Frequency (MHz) 1777.5	Modulation DFT-s QPSK DFT-s QPSK DFT-s QPSK CP QPSK CP QPSK CP QPSK CP QPSK CP QPSK DFT-s QAM CP QPSK DFT-s QAM CP QPSK DFT-s QPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 22.62 21.87 24.01	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP Average (dBm) 26.75 26.73 25.69 25.61 24.66 24.66 24.66	EIRP Average (W) 0.284 0.274 0.233 0.214 0.214 0.186 0.186 0.186 0.186 0.473 0.471 0.371 0.348 0.292 0.479	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 99% BW (MHz) 4.511 4.5115 4.505 4.505 8.9569 8.9569	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.5 4501.5 4501.5 4505.0 8956.9 9978 BW	Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 8M96G7W
10 5G NR Band Bandwidth (MHz) 5	2488.5 n66_Uplink f Low Frequency (MHz) 1712.5	(MHz) 2490 Upper Frequency ban Frequency (MHz) 1777.5	Modulation DFT-s 0PI2 BPSK DFT-s 0PSK DFT-s 0AM CP 0ASK CP 0AM d: 1710 to 1780 MF Modulation DFT-s 0PSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 23.91	Average (dBm) 24.54 24.38 23.67 23.31 22.70 EIRP Average (dBm) 26.73 26.73 26.73 26.73 26.73 26.69 25.41 24.66 26.80 26.70	EIRP Average (M) 0.284 0.274 0.234 0.214 0.214 0.186 EIRP Average (M) 0.471 0.371 0.348 0.292 0.479 0.468	99% BW (MHz) 8.6558 8.6151 8.6426 8.6426 8.6426 8.6426 99% BW (MHz) 4.511 4.5115 4.505 4.505 4.505 8.9569 8.9972	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 8642.6 8642.6 8642.6 8642.6 8642.6 8642.6 8642.6 8642.6 8642.6 8642.6 855.9 8956.9 8997.2	Type of Emission 8M66G7W 8M62G7W 8M62G7W 8M62D7W 8M64D7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 8M66G7W 9M00G7W
10 5G NR Band Bandwidth (MHz) 5 10	2488.5 n66 Uplink f Low Frequency (MHz) 1712.5 1715	(MHz) 2490 Vpper Frequency ban Frequency (MHz) 1777.5	Modulation DFTs 0PI2 BPSK DFTs 0PSK DFTs 0PSK CP 0PSK CP 0PSK CP 0PSK DFTs 0PX Modulation DFTs 0PSK DFTs 0PX DFTs 0PSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 23.91 23.91 22.73	Eine 24.54 24.33 23.67 23.31 22.70 Eine Average (dBm) 26.75 26.73 25.67 25.41 24.66 26.70 25.52	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.471 0.371 0.371 0.371 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.356	99% BW (MHz) 8.6558 8.6151 8.6426 8.6426 99% BW (MHz) 4.511 4.5115 4.505 4.5115 4.505 8.9569 8.9972 8.9968	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.0 4511.5 4505.0 4505.0 4505.0 4505.0 8956.2 8996.2	Type of Emission 8M65G7W 8M62G7W 8M62D7W 8M64D7W 8M64D7W 8M64D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M0007W
10 SG NR Band Bandwidth (MHz) 5 10	2488.5 n66_Uplink f Frequency (MHz) 1712.5 1715	(MHz) 2490 requency ban Frequency (MHz) 1777.5	Modulation DFT-s 0PI2 BPSK DFT-s 0PSK DFT-s 0AM CP 0PSK CP 0AM d: 1710 to 1780 MF Modulation DFT-s 0PSK	Average (dBm) 23.35 23.19 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 23.94 23.94 22.90 22.62 21.87 24.01 23.91 22.73 22.31	Average (dBm) 24.54 24.38 23.37 22.70 EIRP Average (dBm) 26.75 25.69 25.41 24.66 26.80 26.70 25.510	EIRP Average (M) 0.284 0.274 0.283 0.214 0.186 EIRP Average (M) 0.473 0.471 0.371 0.371 0.348 0.292 0.479 0.468 0.324	99% BW (MHz) 8.6558 8.6426 8.6426 8.6426 8.6426 8.6426 99% BW (MHz) 4.511 4.5115 4.505 4.5015 8.9569 8.9972 8.9972	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.5 4505.0 4511.5 4505.0 8956.9 8997.2	Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M62D7W 8M64D7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W
10 5G NR Band Bandwidth (MHz) 5 10	2488.5 n66 Uplink ff Low Frequency (MHz) 1712.5 1715	(MHz) 2490 requency ban Upper Frequency (MHz) 1777.5	Modulation DFT-s 0P/2 BPSK DFT-s 0PSK DFT-s 0PSK CP 0PSK CP 0PSK CP 0AM d: 1710 to 1780 MF Modulation DFT-s 0PSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 22.62 21.87 24.01 23.91 22.73 23.91 22.73 22.71 21.97	Eine 24.54 24.38 23.67 23.31 22.70 22.71 22.70 26.75 26.75 25.69 25.41 24.66 26.70 26.70 25.52 25.52 25.52 25.52	EIRP Average (M) 0.284 0.273 0.214 0.186 EIRP Average (M) 0.473 0.471 0.348 0.292 0.479 0.473 0.471 0.348 0.348 0.356 0.356 0.324 0.299	99% BW (MHz) 8.6558 8.6151 8.6426 8.6426 8.6151 8.6426 99% BW (MHz) 4.5115 4.505 4.5115 4.505 4.5115 4.505 8.9968 8.9968 8.9972	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 99% BW (kHz) 4511.5 4505.0 4511.5 4505.0 4511.5 4505.0 8956.9 8997.2 8996.8	Type of Emission 8M65G7W 8M62G7W 8M62D7W 8M64D7W 8M64D7W 8M64D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 8M66G7W 9M000G7W 9M0007W 9M0007W 9M0007W
10 5G NR Band Bandwidth (MHz) 5 10	2488.5 n66_Uplink f Low Frequency (MHz) 1712.5 1715	(MHz) 2490 Upper Frequency ban Frequency (MHz) 1777.5	DFTs PI/2 BPSK DFTs QPSK DFTs QPSK DFTs QAM CP QPSK CP QAM CP QAM d: 1710 to 1780 MF Modulation DFTs PI/2 BPSK DFTs QPSK CP QAM DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK CP QPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.90 22.62 21.87 24.01 23.94 22.90 22.187 24.01 23.94 22.73 22.31 22.31 22.31 22.31 22.31 23.96	Average (dBm) 24.54 24.38 23.37 22.70 EIRP Average (dBm) 26.75 26.73 25.69 25.41 24.66 26.80 25.52 25.52 25.10 24.76	EIRP Average (M) 0.284 0.274 0.283 0.214 0.186 EIRP Average (M) 0.473 0.471 0.371 0.473 0.477 0.473 0.477 0.473 0.473 0.473 0.473 0.479 0.356 0.324 0.356 0.324 0.324 0.324 0.292 0.479 0.479 0.479 0.479 0.479 0.479 0.474 0.479 0.479 0.479 0.479 0.479 0.474 0.479 0.47	99% BW (MHz) 8.6558 8.61451 8.6426 8.6151 8.6426 99% BW (MHz) 4.511 4.5115 4.505 4.5115 4.505 8.9569 8.9972 8.9968 8.9972	99% BW (kHz) 8655.8 8615.1 8642.6 99% BW (kHz) 4511.0 4511.5 4505.0 4551.0 4551.5 4505.0 8896.9 8997.2 8996.8 8997.2	Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00D7W 9M0
10 5G NR Band Bandwidth (MHz) 5 10	2488.5 n66_Uplink ff Low Frequency (MHz) 1712.5 1715	(MHz) 2490 Vpper Frequency ban Upper frequency (MHz) 1777.5	Modulation DFT-s 0P/2 BPSK DFT-s 0AM CP 0PSK CP 0PSK CP 0PSK CP 0AM d: 1710 to 1780 MF Modulation DFT-s 0AM	Average (dBm) (23.35) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 23.91 22.391 22.391 22.31 23.91 23.91 23.92 23.91 23.93	Average (dBm) 24.54 24.38 23.37 23.31 22.70 EIRP Average (dBm) 26.75 26.73 25.64 25.41 24.66 26.80 25.52 57.52 57.555 57.555 57.5555 57.55555 57.55555555	EIRP Average (W) 0.284 0.273 0.214 0.186 EIRP Average (W) 0.473 0.471 0.371 0.371 0.371 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.374 0.376 0.376 0.376 0.376 0.470 0.473 0.324	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 8.6151 8.6426 99% BW (MHz) 4.511 4.505 4.505 4.505 4.505 4.505 8.9972 8.9968 8.9972 8.9968 8.9972	99% BW (kHz) 8655.8 8642.6 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 8615.1 4505.0 4505.0 4505.0 4505.0 4505.0 8997.2 8996.8 8997.2 8996.8 8997.2 8996.8 8997.2	Type of Emission 8M66G7W 8M62G7W 8M62D7W 8M62D7W 8M64D7W 8M64D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W 9M00D7W
10 SG NR Band Bandwidth (MHz) 5 10 15	2488.5 n66 Uplink f Low Frequency (MHz) 1712.5 1715 1717 5	(MHz) 2490 Upper Frequency ban Prequency (MHz) 1777.5 1775	DFTs PI/2 BPSK DFTs QPSK DFTs QPSK DFTs QAM CP QAM CP QAM CP QAM DFTs PI/2 BPSK CP Modulation DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTs QPSK DFTS QPSK DFTS QPSK QPSK DFTS QPSK QPSK QPSK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 z Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 23.91 22.71 22.71 22.71 22.71 22.31 22.396 23.96 23.96 23.96 23.96 23.96	Average (dBm) 24.54 24.33 23.67 23.31 22.70 EIRP Average (dBm) 26.75 26.73 25.69 26.73 25.69 26.73 25.64 26.60 26.80 26.70 25.52 25.10 25.52 25.10 26.75 26.75 26.75	EIRP Average (M) 0.284 0.274 0.233 0.214 0.186 0.186 0.186 0.471 0.371 0.371 0.371 0.371 0.371 0.372 0.479 0.479 0.466 0.356 0.324 0.356 0.324 0.292 0.473 0.473 0.473 0.374	99% BW (MHz) 8.6558 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 4.5115 4.505 4.5115 4.505 8.9669 8.9972 8.9968 8.9972 8.9968 8.9972 8.9968 8.335 13.467	99% BW (kHz) 8655.8 8615.1 8642.6 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.8 8896.7 8 8896.8 8	Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M62D7W 8M64D7W Type of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 4M51D7W 8M96G7W 9M00G7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W
10 5G NR Band Bandwidth (MHz) 5 10 15	2488.5 n66 Uplink f Low Frequency (MHz) 1712.5 1715 1717.5	(MHz) 2490 requency ban Frequency (MHz) 1777.5 1777.5	Modulation DFT-s QP2 BPSK DFT-s QPSK DFT-s QPSK CP QPSK CP QPSK CP QPSK CP QPSK DFT-s QPK DFT-s QPK CP QPSK DFT-s QPK DPF-s QPK DPF-s QPK DFT-s QPK DPF-s QPK DPF-s QPK DFT-s QPK	Average (dBm) 23.35 23.19 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 23.91 22.73 22.73 22.73 22.39 22.39 22.39 22.39 22.39 22.39 22.39 22.39 22.39 22.39 23.30 20.20 23.30 20.20 2	Eine Average (dBm) 24.54 24.33 367 23.31 22.70 EIRP Average (dBm) 26.75 25.69 25.41 24.66 26.70 25.52 25.11 24.76 26.70 25.52 25.10 24.76 26.72 25.72 25.72	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.473 0.371 0.371 0.371 0.371 0.371 0.374 0.299 0.479 0.468 0.356 0.324 0.299 0.470 0.316	99% BW (MHz) 8.6558 8.6151 8.6426 8.6426 8.6451 8.6426 8.6451 8.6426 99% BW (MHz) 4.511 4.5115 4.5115 4.5115 4.5115 4.5115 8.9569 8.9972 8.9968 8.9972 8.9968 13.435 13.467 13.507 13.507	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 865.7 8896.8 8096.2 8 8096.7 8 8096.8 8096.7 8 80 8006.7 8	Type of Emission BM66G7W BM62G7W BM62G7W BM62D7W BM62D7W BM62D7W BM62D7W BM62D7W Comparison
10 5G NR Band Bandwidth (MHz) 5 10 15	2488.5 n66_Uplink f Low Frequency (MHz) 1712.5 1715 1717.5	(MHz) 2490 requency ban Upper Frequency (MHz) 1777.5 1775 1772.5	DFTs PI2 BPSK DFTs QPSK DFTs QPSK DFTs QAM CP OPSK QP OPSK CP 0AM CP 0AM QP OPSK QP OPSK DFTs QPM QP OPSK QP OPSK DFTs PV2 BPSK DFTs DFTs QPSK QP OPSK QP OPSK DFTs QPSK QP OPSK QP OPSK DFTs QPSK QP OPSK QP OPSK DFTs QPZ QPAM QPTS DFTs QPZ QPAM QPTS DFTs QPZ QPAM QPTS </td <td>Average (dBm) 23.35 23.19 22.48 22.42 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 23.96 22.73 22.31 22.73 22.31 22.73 22.31 22.73 22.39 23.96 23.93 23.96 23.93 23.96 23.93 23.96 23.93 23.96 23.93 23.96 23.95 23.96 23.93 23.96 23.95 23.96 23.95 23.96 23.97 23.96 23.97 23.96 23.97 23.96 23.96 23.97 23.96 22.90 22.73 22.90 22.93 22.90 22.90 22.90 22.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 24.96 2</td> <td>Average (dBm) 24.54 24.38 23.37 22.70 EIRP Average (dBm) 26.75 25.69 25.50 25.51 26.75 25.51 26.75 25.51 26.75 27.75 27.</td> <td>EIRP Average (M) 0.274 0.273 0.214 0.233 0.214 0.186 0.186 0.186 0.186 0.471 0.371 0.471 0.371 0.471 0.371 0.473 0.479 0.473 0.468 0.356 0.356 0.324 0.299 0.473 0.473 0.473 0.473 0.473 0.475 0.385 0.395 0.395</td> <td>99% BW (MHz) 8.6558 8.6151 8.6426 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9977 8.9968 8.3426 7.34577 7.34577 7.34577 7.345777 7.34577777777777777777777777777777777777</td> <td>99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 8897.2 88997.2 88996.8 8397.2 83997.2 83997.2 8397.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 84</td> <td>Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W 13M4G7W</td>	Average (dBm) 23.35 23.19 22.48 22.42 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 24.01 23.96 22.73 22.31 22.73 22.31 22.73 22.31 22.73 22.39 23.96 23.93 23.96 23.93 23.96 23.93 23.96 23.93 23.96 23.93 23.96 23.95 23.96 23.93 23.96 23.95 23.96 23.95 23.96 23.97 23.96 23.97 23.96 23.97 23.96 23.96 23.97 23.96 22.90 22.73 22.90 22.93 22.90 22.90 22.90 22.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 23.94 23.96 24.96 2	Average (dBm) 24.54 24.38 23.37 22.70 EIRP Average (dBm) 26.75 25.69 25.50 25.51 26.75 25.51 26.75 25.51 26.75 27.75 27.	EIRP Average (M) 0.274 0.273 0.214 0.233 0.214 0.186 0.186 0.186 0.186 0.471 0.371 0.471 0.371 0.471 0.371 0.473 0.479 0.473 0.468 0.356 0.356 0.324 0.299 0.473 0.473 0.473 0.473 0.473 0.475 0.385 0.395 0.395	99% BW (MHz) 8.6558 8.6151 8.6426 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9978 8.9977 8.9968 8.3426 7.34577 7.34577 7.34577 7.345777 7.34577777777777777777777777777777777777	99% BW (kHz) 8655.8 8615.1 8642.6 8615.1 8642.6 8897.2 88997.2 88996.8 8397.2 83997.2 83997.2 8397.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 847.2 84	Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W 9M00D7W 9M00D7W 13M4G7W 13M4G7W 13M4G7W 13M4G7W
10 5G NR Band Bandwidth (MHz) 5 10 15	2488.5 n66 Uplink f Low Frequency (MHz) 1712.5 1715 1717.5	(MHz) 2490 requency ban Frequency (MHz) 1777.5 1777.5	Modulation DFT-s QP2 BPSK DFT-s QPSK DFT-s QPSK CP QPSK CP QPSK CP QAM d: 1710 to 1780 MF Modulation DFT-s QAM DFT-s QPSK DFT-s QPSK DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QAM DFT-s QPSK DFT-s QAM CP QPSK DFT-s QAM CP QAM DFT-s QAM CP QAM DFT-s QAM CP QAM CP QAM DFT-s QAM CP QAM	Average (dBm) 22.35 22.48 22.14 22.15 1 2 Conducted Average (dBm) 23.96 (23.94 23.94 22.90 22.62 21.87 23.94 22.39 22.62 21.87 22.391 22.73 22.391 22.73 22.391 22.73 22.391 22.392 22.391 22.391 22.391 22.392 22.391 22.392 22.391 22.392 22.392 22.391 22.392 22.393 22.391 22.392 23.393 22.391 22.392 23.392 22.222 22.222 22.22222 22.22222 22.22222 22.22222 22.222222	Average (dBm) (45m) (454) (454) (433) (235) (235	EIRP Average (W) 0.274 0.274 0.233 0.214 0.186 0.186 0.186 0.473 0.471 0.471 0.471 0.471 0.471 0.348 0.348 0.3348 0.336 0.324 0.329 0.470 0.3316 0.3385 0.3316 0.470 0.3385	99% BW (MHz) 8.6551 8.6151 8.6426 8.6151 8.6426 8.6151 8.6426 4.511 4.511 4.511 4.505 8.9972 8.9968 8.9972 8.9968 8.9972 8.9968 8.3435 13.467 13.507 13.507	99% BW (kHz) 8655.8 8615.1 8642.6 8642.6 8642.6 8642.6 8642.6 8642.6 99% BW (kHz) 4511.0 4511.5 4505.0 897.2 8996.8 8997.2 8996.8 8997.2 8996.8 8997.2 8996.8 8997.2 8996.8 13467.0 13507.0 13507.0	Type of Emission 8M66G7W 8M62G7W 8M62G7W 8M62D7W 8M62D7W 8M62D7W 8M62D7W 8M62D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M0007W 9M0007W 9M0007W 9M0007W 9M0007W 9M0007W 9M0007W 9M0007W 9M0007W 9M0007W 9M007W 9M0007W 9M0
10 5G NR Band Bandwidth (MHz) 5 10 15	2488.5 n66_Uplink f Low F(MHz) 1712.5 1715 1717.5	(MHz) 2490 Upper Frequency ban Frequency (MHz) 1777.5 1775 1772.5	DFTs PI2 BPSK DFTs QPSK DFTs QPSK DFTs QAM CP QPSK CP QAM CP QAM d: 1710 to 1780 MH Modulation DFTs PI76 QPSK DFTs QPM DFTs QPSK DFTs QPSK DFTs QPGK QPGK DFTs QPGK DFTs QPGK DFTs QPGK DFTs QPGK QPGK DFTs QPGK DFTs QPGK QPGK DFTs QPGK DFTs QPGK QPGK </td <td>Average (dBm) 22.35 22.48 22.12 21.51 z Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.67 23.94 22.90 22.62 21.63 91 22.90 22.62 21.63 91 22.73 22.31 22.31 21.51 22.31 22.52 22.62 21.51 22.53 23.94 22.91 22.53 23.94 22.91 22.53 23.94 22.91 22.53 23.94 22.91 22.55 23.94 22.91 22.55 23.94 22.95 22.65 23.94 22.95 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 22.92 24.55 23.94 22.92 22.65 23.94 22.94 22.92 22.65 23.94 22.93 23.94 22.93 22.94 22.65 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 22.94 22.93 23.96 23.94 23.96 23.94 23.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 25</td> <td>Average (dBm) 24.54 24.38 23.37 22.70 EIRP Average (dBm) 26.75 25.69 25.41 24.66 26.80 25.52 25.51 25.52 25.51 25.52 25.50 25.</td> <td>EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.473 0.471 0.371 0.371 0.348 0.292 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.386 0.324 0.324 0.324 0.324 0.324 0.468 0.336 0.316 0.324 0.475 0.316 0.475 0.</td> <td>99% BW (MHz) 8.6558 8.6151 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 4.511 4.5115 4.515 4.515 4.515 4.505 8.9669 8.9978 8.9968 8.9978 8.9968 8.9978 8.9968 13.457 13.507 13.507 13.507 17.909</td> <td>99% BW (kHz) 8655.8 8615.1 8642.6 8646.7 866</td> <td>Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 13M4G7W 13M457W 13M457W</td>	Average (dBm) 22.35 22.48 22.12 21.51 z Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.67 23.94 22.90 22.62 21.63 91 22.90 22.62 21.63 91 22.73 22.31 22.31 21.51 22.31 22.52 22.62 21.51 22.53 23.94 22.91 22.53 23.94 22.91 22.53 23.94 22.91 22.53 23.94 22.91 22.55 23.94 22.91 22.55 23.94 22.95 22.65 23.94 22.95 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 23.94 22.92 24.55 23.94 22.92 22.65 23.94 22.94 22.92 22.65 23.94 22.93 23.94 22.93 22.94 22.65 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 23.94 22.93 22.94 22.93 23.96 23.94 23.96 23.94 23.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 24.96 25	Average (dBm) 24.54 24.38 23.37 22.70 EIRP Average (dBm) 26.75 25.69 25.41 24.66 26.80 25.52 25.51 25.52 25.51 25.52 25.50 25.	EIRP Average (W) 0.284 0.274 0.233 0.214 0.186 EIRP Average (W) 0.473 0.473 0.471 0.371 0.371 0.348 0.292 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.479 0.386 0.324 0.324 0.324 0.324 0.324 0.468 0.336 0.316 0.324 0.475 0.316 0.475 0.	99% BW (MHz) 8.6558 8.6151 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 8.6426 4.511 4.5115 4.515 4.515 4.515 4.505 8.9669 8.9978 8.9968 8.9978 8.9968 8.9978 8.9968 13.457 13.507 13.507 13.507 17.909	99% BW (kHz) 8655.8 8615.1 8642.6 8646.7 866	Type of Emission 8M65G7W 8M62G7W 8M62G7W 8M64D7W 7ype of Emission 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W 9M00G7W 13M4G7W 13M457W 13M457W
10 5G NR Band Bandwidth (MHz) 5 10 15 	2488.5 n66_Uplink ff Frequency (MHz) 1712.5 1715 1717.5	(MHz) 2490 requency ban Upper Frequency (MHz) 1777.5 1777.5 1772.5	Information DFT-s QP2 DFT-s QPSK DFT-s QPSK CP QPSK CP QPSK CP QPSK CP QPSK CP QPSK CP QPSK DFT-s QPSK	Average (dBm) 22.35 22.48 22.14 22.12 21.51 iz Conducted Average (dBm) 23.94 22.90 22.92 23.94 22.90 22.62 21.87 22.90 22.62 21.87 22.91 22.73 22.391 22.73 22.391 22.73 22.391 22.392 23.90 23.90 23.90 23.90 23.93 23.06 22.21 21.75 23.88 7 23.87	Average (dBm) (424,54 24,38 23,37 22,70 EIRP (dBm) 26,75 25,69 25,47 25,69 25,47 25,69 26,73 25,69 26,73 25,69 26,70 25,52 25,47 26,67 26,72 25,52 26,72 26,72 26,72 26,66	EIRP Average (W) 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.234 0.471 0.348 0.354 0.354 0.324 0.324 0.324 0.324 0.324 0.324 0.324 0.324 0.473 0.477 0.348 0.324 0.473 0.477 0.471 0.348 0.324 0.447 0.324 0.447 0.324 0.447 0.273 0.477 0.478 0.324 0.324 0.324 0.324 0.324 0.324 0.324 0.324 0.324 0.4770 0.4770 0.4770 0.4770 0.4770000000000	99% BW (MHz) 8.6553 8.6151 8.6426 8.6151 8.6426 8.6151 8.6426 4.6151 4.511 4.511 4.5115 4.505 8.9972 8.9968 8.9972 8.9968 8.9972 8.9968 13.435 13.467 13.507 13.507 13.507 17.902	99% BW (kHz) 8655.8 8615.1 8642.6 8642.6 8642.6 8642.6 842.6 842.6 842.6 842.6 842.6 842.6 842.6 842.6 4511.0 4511.5 4511.5 4505.0 897.2 896.8 897.2 8996.8 8997.2 8996.8 8997.2 8996.8 13435.0 13467.0 13467.0 13467.0 13467.0	Type of Emission 8M66G7W 8M62G7W 8M62G7W 8M62D7W 8M64D7W 8M64D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 9M00G7W 9M00D7W 13M637W 13M507W 13M
10 5G NR Band (MHz) 5 10 15 20	2488.5 n66_Uplink f Fequency (MHz) 1712.5 1715 1717.5 1720	(MHz) 2490 requency ban Frequency (MHz) 1777.5 1777.5 1777.5	Modulation DFTs 0PI2 BPSK DFTs 0PSK DFTs 0PSK CP 0PSK CP 0PSK CP 0PSK DFTs 0PI2 BPSK DFTs 0PI2 BPSK DFTs 0PSK DFTs 0PI2 BPSK DFTs 0PI3 API2 BPSK DFTs 0PI3 API3 API3 API3 API3 API3 API3 API3 A	Average (dBm) 22.35 22.48 22.12 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.67 23.94 22.90 22.62 21.63 94 22.90 22.62 21.63 94 22.90 22.62 21.91 23.94 23.93 23.93 23.96 23.93 23.96 22.21 23.96 23.93 23.96 22.21 23.86 23.93 23.96 22.21 23.86 23.93 23.96 23.23 23.96 23.23 23.96 23.24 23.96 23.96 23.96 23.94 23.96 23.94 23.96 23.26 26 26 26 26 26 26 26 26 26 26 26 26 2	Average (dBm) 24.54 24.38 23.67 23.31 22.70 22.70 26.75 26.73 25.67 25.67 25.41 24.66 25.41 24.66 26.70 25.510 25.10 24.76 26.75 26.75 26.75 26.75 26.75 26.67 26.66 26.66	EIRP Average 0.284 0.274 0.233 0.214 0.186 EIRP Average (M) 0.473 0.473 0.473 0.473 0.471 0.371 0.348 0.371 0.348 0.371 0.348 0.324 0.473 0.473 0.473 0.473 0.473 0.473 0.474 0.324 0.465 0.385 0.316 0.284 0.465 0.461 0.401 0.401 0.401 0.401 0.401 0.401 0.401 0.401 0.401 0.405 0.401 0.401 0.401 0.405 0.401 0.401 0.401 0.405 0.401 0.401 0.401 0.405 0.401 0.401 0.405 0.401 0.401 0.405 0.401 0.405 0.401 0.401 0.405 0.401 0.401 0.405 0.401 0.401 0.405 0.401 0.405 0.401 0.401 0.405 0.401 0.401 0.405 0.401 0.405 0.401 0.401 0.405 0.401 0.405 0.401 0.401 0.405 0.401 0.405 0.401 0.405 0.401 0.405 0.401 0.405 0.401 0.405 0.	99% BW (MHz) 8.6558 8.6151 8.6426 8.6151 8.6426 8.6151 8.6426 4.6151 4.511 4.511 4.511 4.511 4.5115 4.505 4.5115 4.505 8.9669 8.9968 8.9972 8.9968 8.9972 8.9968 13.435 13.607 13.507 13.507 13.507 17.955	99% BW (kHz) 8665.8 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 8615.1 4611.0 4501.5 4501.0 4501.0 4501.0 4501.0 8966.9 8997.2 8996.8 8997.2 8996.8 8997.2 8996.8 8997.2 8996.8 13435.0 13467.0 13507.0 13507.0 13507.0 17969.0	Type of Emission BM65G7W BM62G7W BM62G7W BM62D7W BM62D7W BM62D7W BM62G7W AM51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 9M00G7W 9M00G7W 13M5G7W 13M
10 SG NR Band Bandwidth (MHz) 5 10 15 20	2488.5 n66 Uplink ff Low Frequency (MHz) 1712.5 1715 1717.5 1717.5	(MHz) 2490 requency ban Frequency (MHz) 1777.5 1775 1772.5 1772.5	DFTs 0.975 0.975 DFTs 0.975 0.975 DFTs 0.975 0.975 DFTs 0.975 0.976 DFTs 0.401 0.976 DFTs 0.1700 0.976 DFTs 0.976 0.976 DFTs 0.976 0.976 DFTs 0.978 0.976 DFTs 0.978 0.978 DFTs 0.974 0.978 DFTs 0.975 0.978 DFTs 0.978 0.978 DFTs 0.978 0.978 DFTs 0.978 0.978	Average (dBm) 23.35 22.48 22.48 22.14 21.51 iz Conducted Average (dBm) 23.96 23.94 22.90 22.62 21.87 22.91 22.93 22.93 22.91 22.93 22.94	Average (dBm) 24.54 24.38 23.31 22.70 25.67 25.67 25.69 25.67 25.69 25.67 25.69 25.67 25.69 25.67 25.69 25.41 24.66 26.87 25.52 25.10 24.76 26.72 25.85 25.52 25.50 24.54 25.50 24.54 25.66 26.63 25.23	EIRP Average (W) 0.284 0.274 0.233 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.274 0.214 0.233 0.471 0.348 0.292 0.473 0.346 0.324 0.470 0.336 0.463 0.463 0.463 0.463 0.433 0.333	99% BW (MHz) 8.6558 8.6151 8.6426 99% BW (MHz) 4.511 4.5115 4.515 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.517 4.507 4.517 4.517 4.517 4.507 4.517 4.505 4.505 4.505 4.505 4.505 4.505 4.507 4.505 4.505 4.505 4.505 4.505 4.505 4.505 4.505 4.505 4.507 4.505 4.505 4.505 4.505 4.505 4.505 4.507 4.505 4.505 4.507 4.505 4.505 4.505 4.505 4.505 4.507 4.505	99% BW (kHz) 8455.8 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 8615.1 8642.6 845.7 8 845.6 842.6 842.6 842.6 845.7 8 845.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 842.6 8 8 847.6 8 8 8 97.2 8 8 97.2 97.2 8 97.2 8 97.2 8 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2	Type of Emission 8M66G7W 8M62G7W 8M62G7W 8M64D7W 8M64D7W 8M64D7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51G7W 4M51D7W 8M90G7W 9M00D7W 9M00D7W 9M00D7W 13M4G7W 13M507W 13M507W 13M507W 13M507W 13M507W 13M507W

5G NR Band n70_Uplink frequency band : 1695 to 1710 MHz									
-	Low	Upper		Conducted	EIRP	EIRP			
Bandwidth	Frequency	Frequency	Modulation	Average	Average	Average	99% BW	99% BW	Type of Emission
(MHz)	(MHz)	(MHz)		(dBm)	(dBm)	(W)	(MHz)	(kHz)	.,,
	((DET-s PI/2 BPSK	23.00	25.79	0.379	4 5262	4526.2	4M53G7W
			DET-s OPSK	22.82	25.61	0.364	4 496	4496.0	4M50G7W
5	1697 5 1707 5	1707.5	DET-s OAM	21.82	24.61	0.289	4 5105	4510.5	4M51D7W
l i	1001.0		CP OPSK	21.10	23.89	0.245	4 496	4496.0	4M50G7W
			CP QAM	20.85	23.64	0.231	4 5105	4510.5	4M51D7W
			DFT-s PI/2 BPSK	22.86	25.65	0.201	8 9785	8978.5	8M98G7W
			DET & ODSK	22.00	25.64	0.307	8 0976	8087.6	8M00C7W
10	1700	1705	DET & OAM	22.00	24.00	0.300	0.0070	0007.0	01//33071/
10	1700	1705	CD ODSK	22.11	24.50	0.303	9.0033	9097.6	8M00C7W
			CP QF SK	21.70	24.00	0.200	0.0070	0307.0	01//33071/
				21.13	25.30	0.230	13 /50	13/50 0	13M5G7W
			DET & ODSK	22.31	25.70	0.372	13,406	13406.0	13M5G7W
15	1702.5	1702.5	DET & OAM	22.00	24.76	0.331	13.458	13458.0	13M5D7W
15	1102.5	1102.0	CD ODSK	21.37	24.70	0.233	13,406	13406.0	13M5G7W
			CP QF3K	21.31	24.10	0.207	13.490	13490.0	12MED7W
			CF QAIVI	20.75	23.34	0.220	13.430	13430.0	1310130770
5G NR Band	n/1_Uplink fi	requency ban	d : 663 to 698 MHz	O	500	500			
Bandwidth	LOW	Upper	Madulation	Conducted	ERP	ERP	99% BW	99% BW	Turne of Emission
(MHz)	(ML-)	(ML-)	wodulation	(dPm)	(dPm)	Average	(MHz)	(kHz)	Type of Emission
-	(WIFIZ)	(WIFIZ)	DET e PI/2 BPSK	23.35	21.14	0.130	4 5152	4515.2	4M52G7W
			DET-s OPSK	23.49	21.14	0.134	4.5152	4505.2	4M51G7W
5	665.5	695.5	DFT-s OAM	22.40	20.19	0.104	4 5064	4506.4	4M51D7W
, i i i i i i i i i i i i i i i i i i i	000.0	000.0	CP OPSK	22.40	20.13	0.104	4 5052	4505.2	4M51G7W
			CP QAM	21.88	19.67	0.093	4.5064	4506.4	4M51D7W
			DET-s PI/2 BPSK	23.64	21.43	0.139	8 9383	8938.3	8M94G7W
			DFT-s OPSK	23.44	21.23	0.133	8 9697	8969.7	8M97G7W
10	668	693	DFT-s OAM	22,68	20.47	0.111	8,9899	8989.9	8M99D7W
	000	000	CP QPSK	22.39	20.18	0.104	8.9697	8969.7	8M97G7W
			CP QAM	21.74	19.53	0.090	8.9899	8989.9	8M99D7W
			DET-s PI/2 BPSK	23.49	21.28	0.134	13,438	13438.0	13M4G7W
			DFT-s QPSK	23.46	21.25	0.133	13.444	13444.0	13M4G7W
15	670.5	690.5	DFT-s QAM	22.73	20.52	0.113	13.454	13454.0	13M5D7W
			CP QPSK	21.86	19.65	0.092	13.444	13444.0	13M4G7W
			CP QAM	21.53	19.32	0.086	13.454	13454.0	13M5D7W
			DFT-s PI/2 BPSK	23.42	21.21	0.132	17.917	17917.0	17M9G7W
			DFT-s QPSK	23.32	21.11	0.129	17.95	17950.0	18M0G7W
20	673	688	DFT-s QAM	22.57	20.36	0.109	17.963	17963.0	18M0D7W
			CP QPSK	22.31	20.10	0.102	17.95	17950.0	18M0G7W
			CP QAM	21.71	19.50	0.089	17.963	17963.0	18M0D7W
5G NR Band	n77_Part27_U	Jplink freque	ncy band : 3700 to 3	8980 MHz					•
ما فاست	Low	Upper		Conducted	EIRP	EIRP	00% DW	00% DM	
(ML-)	Frequency	Frequency	Modulation	Average	Average	Average	99% DW	99% DW	Type of Emission
(mriz)	(MHz)	(MHz)		(dBm)	(dBm)	(W)	(WITZ)	(Kriz)	
			DFT-s PI/2 BPSK	23.35	24.26	0.267	8.6476	8647.6	8M65G7W
			DFT-s QPSK	23.32	24.23	0.265	8.5532	8553.2	8M55G7W
10	3705	3975	DFT-s QAM	22.28	23.19	0.208	8.6669	8666.9	8M67D7W
			CP QPSK	21.93	22.84	0.192	8.5532	8553.2	8M55G7W
			CP QAM	21.64	22.55	0.180	8.6669	8666.9	8M67D7W
			DFT-s PI/2 BPSK	23.43	24.34	0.272	12.939	12939.0	12M9G7W
			DFT-s QPSK	23.31	24.22	0.264	12.999	12999.0	13M0G7W
15	3707.52	3972.48	DFT-s QAM	22.60	23.51	0.224	12.953	12953.0	13M0D7W
			CP QPSK	22.35	23.26	0.212	12.999	12999.0	13M0G7W
			CP QAM	21.91	22.82	0.191	12.953	12953.0	13MUD/W
			DET & ODOL	23.20	24.11	0.258	17.8/3	1/8/3.0	1/M9G/W
20	2710.04	2060.00	UFI-S QPSK	23.13	24.04	0.254	17.989	1/989.0	18MUG/W
20	3/10.01	2909.99	UF I-S QAM	22.38	23.29	0.213	17.9/2	1/9/2.0	18MUU/W
			CP QPSK	21.35	22.20	0.100	17.989	17072.0	18M0G/W
5C ND Devid	n77 D-+07	Inlink from the		21.40	22.39	0.173	17.912	11312.0	IONID/W
JO NK Band	Infr_Partz/_U	Upper	ncy banu : 3450 to 3	Conductor	EIDD	FIPD			
Bandwidth	Frequency	Frequency	Modulation	Average	Average	Average	99% BW	99% BW	Type of Emission
(MHz)	requency	· requericy	modulation	(dPm)	(dBm)	(W)	(MHz)	(kHz)	. ype or Emission
	(MHz)	(MHz)							
	(MHz)	(MHz)	DET-s PI/2 RPSK	23.56	24 47	0.280	8.6078	8607.8	8M61G7W
	(MHz)	(MHz)	DFT-s PI/2 BPSK	23.56	24.47	0.280	8.6078	8607.8 8649.8	8M61G7W 8M65G7W
10	(MHz)	(MHz)	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM	23.56 23.51 22.43	24.47 24.42 23.34	0.280	8.6078 8.6498 8.6762	8607.8 8649.8 8676.2	8M61G7W 8M65G7W 8M68D7W
10	(MHz) 3455.01	(MHz) 3544.98	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP OPSK	23.56 23.51 22.43 22.50	24.47 24.42 23.34 23.41	0.280 0.277 0.216 0.219	8.6078 8.6498 8.6762 8.6498	8607.8 8649.8 8676.2 8649.8	8M61G7W 8M65G7W 8M68D7W 8M65G7W
10	(MHz) 3455.01	(MHz) 3544.98	DFT-s PV2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM	23.56 23.51 22.43 22.50 21.80	24.47 24.42 23.34 23.41 22.71	0.280 0.277 0.216 0.219 0.187	8.6078 8.6498 8.6762 8.6498 8.6762	8607.8 8649.8 8676.2 8649.8 8676.2	8M61G7W 8M65G7W 8M68D7W 8M65G7W 8M65G7W
10	(MHz) 3455.01	(MHz) 3544.98	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK	23.56 23.51 22.43 22.50 21.80 23.55	24.47 24.42 23.34 23.41 22.71 24.46	0.280 0.277 0.216 0.219 0.187 0.279	8.6078 8.6498 8.6762 8.6498 8.6762 12.936	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0	8M61G7W 8M65G7W 8M68D7W 8M65G7W 8M68D7W 12M9G7W
10	(MHz) 3455.01	(MHz) 3544.98	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK	23.56 23.51 22.43 22.50 21.80 23.55 23.46	24.47 24.42 23.34 23.41 22.71 24.46 24.37	0.280 0.277 0.216 0.219 0.187 0.279 0.279	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.936	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0	8M61G7W 8M65G7W 8M68D7W 8M66G7W 8M68D7W 12M967W 12M9G7W
10	(MHz) 3455.01 3457.5	(MHz) 3544.98 3542.49	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM	23.56 23.51 22.43 22.50 21.80 23.55 23.46 22.59	24.47 24.42 23.34 23.41 22.71 24.46 24.37 23.50	0.280 0.277 0.216 0.219 0.187 0.279 0.274 0.224	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.938 12.938	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0 12938.0	8M61G7W 8M65G7W 8M68D7W 8M66G7W 8M68D7W 12M9G7W 12M9G7W 12M9G7W
10	(MHz) 3455.01 3457.5	(MHz) 3544.98 3542.49	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK	23.56 23.51 22.43 22.50 21.80 23.55 23.46 22.59 22.03	24.47 24.42 23.34 23.41 22.71 24.46 24.37 23.50 22.94	0.280 0.277 0.216 0.219 0.187 0.279 0.274 0.224 0.197	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.938 12.932 12.932	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0 12938.0 12932.0	8M61G7W 8M65G7W 8M68D7W 8M66G7W 8M68D7W 12M9G7W 12M9G7W 12M9D7W 12M9D7W 12M9D7W
10	(MHz) 3455.01 3457.5	(MHz) 3544.98 3542.49	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM	23.56 23.51 22.43 22.50 21.80 23.55 23.46 22.59 22.03 21.30	24.47 24.42 23.34 23.41 22.71 24.46 24.37 23.50 22.94 22.21	0.280 0.277 0.216 0.219 0.187 0.279 0.274 0.224 0.197 0.166	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.938 12.932 12.938 12.932	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0 12938.0 12938.0 12938.0	8M61G7W 8M65G7W 8M66D7W 8M66D7W 8M66D7W 12M9G7W 12M9G7W 12M9D7W 12M9D7W 12M9D7W
10	(MHz) 3455.01 3457.5	(MHz) 3544.98 3542.49	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK	23.56 23.51 22.43 22.50 21.80 23.55 23.46 22.59 22.03 21.30 23.60	24.47 24.42 23.34 23.41 22.71 24.46 24.37 23.50 22.94 22.21 24.51	0.280 0.277 0.216 0.219 0.187 0.279 0.274 0.224 0.197 0.166 0.282	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.938 12.932 12.932 12.932 12.932 17.932	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0 12938.0 12938.0 12932.0 12932.0	8M61G7W 8M65G7W 8M66D7W 8M65G7W 8M65D7W 12M9G7W 12M9G7W 12M9G7W 12M9D7W 12M9D7W 12M9D7W 12M9D7W
10	(MHz) 3455.01 3457.5	(MHz) 3544.98 3542.49	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK CP QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK	23.56 23.51 22.43 22.50 21.80 23.55 23.46 22.59 22.03 21.30 23.60 23.51	24.47 24.42 23.34 23.41 22.71 24.46 24.37 23.50 22.94 22.21 24.51 24.42	0.280 0.277 0.216 0.219 0.187 0.279 0.274 0.224 0.197 0.166 0.282 0.277	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.938 12.932 12.932 12.932 17.932 17.944	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0 12938.0 12938.0 12932.0 12932.0 17932.0	8M61G7W 8M66G7W 8M66G7W 8M66G7W 12M9G7W 12M9G7W 12M9G7W 12M9G7W 12M9D7W 12M9D7W 12M9D7W 12M9D7W 17M9G7W
10	(MHz) 3455.01 3457.5 3460.02	(MHz) 3544.98 3542.49 3540	DFT-s PI/2 BPSK DFT-s QPSK DFT-s QAM CP QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK CP QAM DFT-s PI/2 BPSK DFT-s QPSK CP QAM DFT-s QPSK DFT-s QPSK DFT-s QAM	23.56 23.51 22.43 22.50 21.80 23.55 23.46 22.59 22.03 21.30 23.60 23.51 22.99	24.47 24.42 23.34 23.41 22.71 24.46 24.37 23.50 22.94 22.21 24.51 24.42 23.90	0.280 0.277 0.216 0.219 0.187 0.279 0.274 0.224 0.197 0.166 0.282 0.277 0.245	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.938 12.932 12.938 12.932 17.932 17.932 17.944 17.958	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0 12932.0 12932.0 12932.0 12932.0 17932.0 17944.0 17958.0	8M61G7W 8M65G7W 8M65D7W 8M66D7W 8M66D7W 12M9G7W 12M9G7W 12M9G7W 12M9G7W 12M9G7W 17M9G7W 17M9G7W
10	(MHz) 3455.01 3457.5 3460.02	(MHz) 3544.98 3542.49 3540	DFT-9 PI/2 BPSK DFT-9 QPSK DFT-9 QPSK CP QPSK CP QAM DFT-9 PI/2 BPSK DFT-9 QPSK DFT-9 PI/2 BPSK DFT-9 PI/2 BPSK DFT-9 QPSK	(10017) 23.56 23.51 22.43 22.50 21.80 23.55 23.46 22.59 22.03 21.30 23.60 23.51 22.99 21.74	24.47 24.42 23.34 23.41 22.71 24.46 24.37 23.50 22.94 22.21 24.51 24.42 23.90 22.65	0.280 0.277 0.216 0.219 0.187 0.279 0.274 0.224 0.197 0.166 0.282 0.277 0.266 0.282 0.274 0.166 0.282 0.277	8.6078 8.6498 8.6762 8.6498 8.6762 12.936 12.936 12.932 12.932 12.932 17.932 17.932 17.944 17.954	8607.8 8649.8 8676.2 8649.8 8676.2 12936.0 12938.0 12932.0 12932.0 17932.0 17932.0 17932.0 17934.0	8M61G7W 8M65G7W 8M65G7W 8M65D7W 8M65D7W 12M9G7W 12M9G7W 12M9G7W 12M9G7W 12M9G7W 12M9G7W 17M9G7W 17M9G7W

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.

t (886-2) 2299-3279

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 not 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.

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

f (886-2) 2298-0488

www.sgs.com.tw



1.5 **Test Methodology of Applied Standards**

FCC 47 CFR Part 2, 22H, 24E, 25B, 27C, Part 90 ANSI C63.26-2015 KDB971168 D01 Power Meas license Digital System v03r01 KDB412172 D01 Determining ERP and EIRP v01r01

1.6 **Test Facility**

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier
		SAC 1		
		SAC 2		
		SAC 3		
	No 124 Mu Kung Dood Now Toingi	Conduction 1		
	Industrial Park, Wuku District, New	Conducted 1	T\00027	
		Conducted 2	100027	TW3702
	Taiper City, Taiwan.	Conducted 3		
		Conducted 4		
		Conducted 5		
SGS Taiwan Ltd.		Conducted 6		
Central RF Lab.		Conduction C		
(TAF code 3702)		SAC C		
		SAC D		
		SAC G		
	No 2 Kaji 1et Rd. Cujeban District	Conducted A		
	Taoyuan City Taiwan 222	Conducted B	TW0028	
	Tabyuan City, Taiwan 555	Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
		Conducted G		
Note: Test site na	ame is remarked on the equipmen	t list in each sectio	n of this report a	s an indica-

tion where measurements occurred in specific test site and address.

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.

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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.

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.



SYSTEM TEST CONFIGURATION 2

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 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.

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.

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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.

Member of SGS Group

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.



2.5 Final Amplifier Voltage and Current Information:

5G NR B	AND n2		
CP-OFDM_S	CS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)	
Bandwidth:5MHz Mod:256QAM	3.3	550	
Bandwidth:10MHz Mod:256QAM	3.3	570	
Bandwidth:15MHz Mod:256QAM	3.3	560	
Bandwidth:20MHz Mod:256QAM	3.3	550	
5G NR B	AND n5		
CP-OFDM_S	SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)	
Bandwidth:5MHz Mod:256QAM	3.3	440	
Bandwidth:10MHz Mod:256QAM	3.3	450	
Bandwidth:15MHz Mod:256QAM	3.3	460	
Bandwidth:20MHz Mod:256QAM	3.3	460	
5G NR B	AND n7		
CP-OFDM_S	SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)	
Bandwidth:5MHz Mod:256QAM	3.3	640	
Bandwidth:10MHz Mod:256QAM	3.3	660	
Bandwidth:15MHz Mod:256QAM	3.3	630	
Bandwidth:20MHz Mod:256QAM	3.3	600	
5G NR B	AND n12		
CP-OFDM_S	SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)	
Bandwidth:5MHz Mod:256QAM	3.3	580	
Bandwidth:10MHz Mod:256QAM	3.3	620	
Bandwidth:15MHz Mod:256QAM	3.3	570	
5G NR B	AND n13		
CP-OFDM_S	SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)	
Bandwidth:5MHz Mod:256QAM	3.3	510	
Bandwidth:10MHz Mod:256QAM	3.3	530	
5G NR B	AND n14		
CP-OFDM_S	SCS 15 kHz		
Testmode	DC voltage (V)	DC current (mA)	
Bandwidth:5MHz Mod:256QAM	3.3	530	
Bandwidth:10MHz Mod:256QAM	3.3	540	

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.

t (886-2) 2299-3279

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 dear and the contracts are company's mining all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 f (886-2) 2298-0488



5G NR B	AND n25	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.3	570
Bandwidth:10MHz Mod:256QAM	3.3	570
Bandwidth:15MHz Mod:256QAM	3.3	550
Bandwidth:20MHz Mod:256QAM	3.3	540
5G NR BAND	n26 Part90s	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.3	500
Bandwidth:10MHz Mod:256QAM	3.3	510
5G NR B	AND n26	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.3	530
Bandwidth:10MHz Mod:256QAM	3.3	520
Bandwidth:15MHz Mod:256QAM	3.3	500
Bandwidth:20MHz Mod:256QAM	3.3	500
5G NR B	AND n30	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.3	660
Bandwidth:10MHz Mod:256QAM	3.3	630
5G NR B	AND n38	
CP-OFDM_S	SCS 30 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.3	170
Bandwidth:15MHz Mod:256QAM	3.3	170
Bandwidth:20MHz Mod:256QAM	3.3	170
5G NR B	AND n41	
CP-OFDM_S	SCS 30 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.3	200
Bandwidth:15MHz Mod:256QAM	3.3	210
Bandwidth:20MHz Mod:256QAM	3.3	210
5G NR B	AND n53	
CP-OFDM_S	SCS 30 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.3	180

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.

t (886-2) 2299-3279

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 dear and the contracts are company's mining all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



5G NR B	AND n66	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.3	550
Bandwidth:10MHz Mod:256QAM	3.3	560
Bandwidth:15MHz Mod:256QAM	3.3	570
Bandwidth:20MHz Mod:256QAM	3.3	580
5G NR B	AND n70	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.3	760
Bandwidth:10MHz Mod:256QAM	3.3	760
Bandwidth:15MHz Mod:256QAM	3.3	730
5G NR B	AND n71	
CP-OFDM_S	SCS 15 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.3	510
Bandwidth:10MHz Mod:256QAM	3.3	550
Bandwidth:15MHz Mod:256QAM	3.3	550
Bandwidth:20MHz Mod:256QAM	3.3	530
5G NR B	AND n77	
CP-OFDM_S	SCS 30 kHz	
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.3	210
Bandwidth:15MHz Mod:256QAM	3.3	210
Bandwidth:20MHz Mod:256QAM	3.3	170

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 not reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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



2.6 Test Configuration



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

2.7 Control Unit(s)

N/A

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,同時比樣品僅保留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 and for electronic format documents, subject to Terms and Conditions for Electronic Documents 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 and for electronic format documents, subject to Terms and Conditions for Electronic Documents 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 and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format document. Any holder of this document is subject to 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 the company is a subject to the content of the subject to the co

prosecuted to the fullest extent of the law. SGS Taiwan Ltd. | No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號



SUMMARY OF TEST RESULTS 3

FCC Rules	Description Of Test	Result
§2.1046(a) §25.149(c)(4)(iii)	RF Power Output	Compliant
§22.913(a)(5) §24.232(c) §25.149(c)(4)(iii) §27.50(h)(2) §27.50(c)(9) §27.50(d)(4) §27.50(j)(3) §27.50(k)(3) §90.542(a)(6) §90.635(b) §96.41(b)	ERP/ EIRP measurement	Compliant
§2.1049(h)	99% & 26dB Occupied Bandwidth	Compliant
§25.149(c)(4)(ii)	6 dB bandwidth	Compliant
§25.149(c)(4)(iv)	Maximum power spectral density	Compliant
$\begin{array}{c} \$2.1051\\ \$22.917(a)(b)\\ \$24.238(a)(b)\\ \$25.149(c)(4)(v)(vi)\\ \$27.53(n)(2)\\ \$27.53(g)\\ \$27.53(h)(1)\&(3)\\ \$27.53(h)(1)\&(3)\\ \$27.53(n)(2)\\ \$27.53(m)(4)\\ \$27.53(m)(4)\\ \$27.53(m)(4)\\ \$90.691(a)\\ \$90.210(n)\\ \$90.543(e)(2)\sim(5)\\ \$96.41(e)(2)\end{array}$	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask require- ments	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.

t (886-2) 2299-3279

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 not 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.



§2.1053 §22.917(a)(b) §24.238(a)(b) §25.149(c)(4)(v)(vi) §27.53(g) §27.53(h) §27.53(l)(2) §27.53(m)(4) §27.50(n)(2) §90.543(e)(2)~(5) §90.543 (f) §90.691(a)	Field Strength of Spurious Radiation	Compliant
§96.41 (e)(2) §24.232(d) §27.50(a)(B) §27.50(j)(4) §27.50 (k)(4) §96.41(g)	Peak to Average Ratio	Compliant
§2.1055(a)(1) §22.355 §24.235 §25.202(d) §27.54 §90.539 (e)	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 not 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.

f (886-2) 2298-0488



DESCRIPTION OF TEST MODES 4

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. The Power / Bandwidth / Channels of n78 is the same as n77, so the test items will be covered by n77.

		Te	st Chan	nel							Band	lwidth (1	MHz)							M	lodulatio	on DFT	-s-OFD	М	Mo	dulation	CP-OF	DM			RE	3#		
Test Items	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	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		v	v	v	v	v	v	٧												v	v	v	v	v	v	v	٧	v			v	v	v	v
Freqency Stability			v					٧																	v									v
Occupied Bandwidth		v	v	v	v	v	v	٧												v	v	v	v	v										v
Bandedge	<u>^</u>	v		v	v	v	v	٧												v					v				٧	٧				v
Mask	Z																																	
Conducted Emission		v	v	v	v	v	v	٧												v											v			
CCDF		v	v	v	v	v	v	٧																v										v
Radiated Emission		v	v	v		v														٧											v			
		Te	st Chan	nel						1	Band	width (f	VHz)							N	lodulatio	on DFT	-s-OFD	М	Мо	dulation	CP-OF	DM			RE	3#		
i est items	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	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		v	v	v	v	v	v	٧												v	v	v	v	v	v	v	٧	v			v	v	v	v
Freqency Stability			v					٧																	v									v
Occupied Bandwidth		v	v	v	v	v	v	٧												v	v	v	v	v										v
Bandedge		v	_	٧	٧	v	v	٧												٧					٧				v	v				v
Mask	5			_	_			_												_					_									
Conducted Emission		v	v	v	٧	v	v	٧												v											v			
CCDF		v	v	v	v	v	v	٧																v										v
Radiated Emission		v	v	v			v													v											v			
		Te	st Chan	nel							Band	width (1	MHz)							M	lodulatio	on DFT	-s-OFD	М	Мо	dulation	CP-OF	DM			RE	3#		
Test Items	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	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		v	v	v	v	v	v	v												v	v	v	v	v	v	v	v	v	_	- •	v	- •	v	v
Fregency Stability			v					v																	v									v
Occupied Bandwidth		v	v	v	v	v	v	v												v	v	v	v	v										v
Bandedge																																		
Mask	7	v	v	v	v	v	v	v												v					v				v	v				v
Conducted Emission		v	v	v	v	v	v	v												v											v			
CCDF		v	v	v	v	v	v	v																v										v
Radiated Emission		v	v	v		v														v											v			
		Te	st Chan	nel							Band	width (1	MHz)							N	Iodulatic	on DET	-s-OFD	м	Mo	Julation	CP-OF	DM			RF	3#		
Test Items	Band	L	м	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16	64	256	QPSK	16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
Conducted Power		v	v	v	v	v	v													v	v	V	V	V	v	V	V	V	IKD_LOIL	TKb_Kight	V V	v	v	v
Freqency Stability			v				v																		v									v
Occupied Bandwidth		v	v	v	v	v	v													v	v	v	v	v										v
Bandedge	10	v		v	v	v	v													v					v				٧	٧				v
Mask	12																																	
Conducted Emission		v	v	v	v	v	v													v											v			
CCDF		v	v	v	v	v	v																	v										v
Radiated Emission		v	v	v		v														v											v			
		Te	st Chan	nel							Band	lwidth (1	MHz)							M	lodulatio	on DFT	-s-OFD	М	Mo	dulation	CP-OF	DM			RE	3#		
Test Items	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	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		v	v	v	٧	v														٧	٧	٧	٧	٧	v	v	٧	v			v	v	٧	v
Freqency Stability			٧	_	_	v														_					٧		_							v
Occupied Bandwidth		v	٧	٧	٧	v														٧	v	٧	٧	v										v
Bandedge	12	v		٧	٧	v														٧					v				v	v				v
Mask	13																																	
Conducted Emission		v	v	٧	٧	v														٧											v			
CCDF]	v	v	٧	٧	v																		v										v
Radiated Emission	1	v	v	v	v															v											v			

4.2 **Measurement Configuration**

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.

t (886-2) 2299-3279

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 document advances and the company's many and the sole reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 f (886-2) 2298-0488

www.sqs.com.tw

Member of SGS Group

SGS

Report No.: TERF2410003183ER Page: 19 of 36

		Tes	st Cha	annel							Band	width (MHz)							Мо	dulatio	n DFT	-s-OF	DM	Mod	ulation	CP-O	FDM			R	3#		
Test Items	Band				-	10	45	00	05	20	25	40	45	50	CO	70	00	00	100	DDCK		16	64	256	ODON	16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
		L	IVI	п	э	10	15	20	20	30	30	40	45	50	00	70	00	90	100	BPSK	UP5K	QAM	QAM	QAM	QP5r	QAM	QAM	QAM	1RB_Left	TRB_Righ	1RB_Left	TRB_Right	Full	Full
Conducted Power		v	۷	v	٧	٧														٧	۷	٧	٧	۷	٧	٧	٧	٧			v	v	v	v
Freqency Stability		_	۷			٧																			٧									v
Occupied Bandwidth		v	٧	v	v	۷														۷	۷	۷	٧	۷										v
Bandedge	14	v		v	V	v														V					۷				v	v				v
Mask		-																																
Conducted Emission		v	V	v	V	v														v											v			
CCDF Rediated Emission		v	v	v	V	v																		V										v
Radialed Emission		Та	V act Cho	innel		V					Pape	huidth ()	ML-1							V	lodulatio	DET	0.0ED		Ma	dulation	CR OF	DM			V			
Test Items	Band	16	siona								Dan		10112)				-	1		IV.		16	64	256	IVIG	16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
		L	М	н	5	10	15	20	25	30		40	45	50	60	70	80	90	100	BPSK	QPSK	QAM	QAM	QAM	QPSK	QAM	QAM	QAM	1RB_Left	1RB_Right	1RB_Left	1RB_Right	Full	Full
Conducted Power		v	٧	v	٧	v	v	٧												٧	٧	٧	٧	٧	v	٧	٧	٧			v	v	v	v
Freqency Stability			v					٧																	v									v
Occupied Bandwidth		v	v	v	v	v	v	v												٧	v	v	v	٧										v
Bandedge	25	v		v	v	V	V	V												V					V				v	v				v
Conducted Emission		v	v	v	v	v	v	v												v											v			
CCDF		v	v	v	v	v	v	v																v										v
Radiated Emission		v	٧	v	٧															٧											v			
		Tes	st Cha	annel							Band	width (MHz)							Мо	dulatio	n DFT	-s-OF	DM	Mod	ulation	CP-0	FDM			R	3#		
Test Items	Band		м	н	5	10	15	20	25	30		40	45	50	60	70	80	an	100	RPSK	OPSK	16	64	256		16	64	256	Edge	Edge 1RB Righ	Inner	Inner 1RB Righ	Inner	Outer
		-	N.		Ŭ	10	10	20	20			70	70			10	00	50	100	DI OIX		QAM	QAM	QAM		QAM	QAM	QAM	1RB_Left	t	1RB_Left	t	Full	Full
Conducted Power		v	۷	v	v	٧														۷	۷	٧	٧	۷	۷	۷	۷	۷			v	v	v	v
Freqency Stability		-	v			v																			٧									v
Occupied Bandwidth		v	V	v	v	v														V	V	v	v	V										v
Bandedge	26 Part90s	v		v	V	v														v					v				V	V				V
Conducted Emission	1 41800	v	v	v	v	v														v				-							v			
CONducted Emission		v	v	v	v	v														v				v							v			v
Radiated Emission		v	v	v		v														v				·							v			
		Te	est Cha	innel		L .					Band	dwidth (l	MHz)							N	lodulatio	on DFT	-s-OFD	M	Mo	dulation	CP-OF	DM			RI	B#		
Test Items	Band				-	10	15	20	05	20		40	45	50	60	70			100	DDCK	ODCK	16	64	256	ODCK	16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
		L	M	-	Э	10	15	20	25	30		40	40	50	00	70	00	90	100	DPON	UPSK	QAM	QAM	QAM	UP3N	QAM	QAM	QAM	1RB_Left	1RB_Right	1RB_Left	1RB_Right	Full	Full
Conducted Power		v	v	v	٧	v	V	v												٧	v	v	v	٧	v	v	v	٧			v	v	v	v
Freqency Stability		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	v				v	v				v
Mask	26																																	
Conducted Emission		v	٧	v	٧	v	v	٧												٧											v			
CCDF		v	٧	v	٧	v	٧	٧																٧										v
Radiated Emission		v	۷	۷			v													۷											v			
T		Tes	st Cha	annel			-			_	Band	width (MHz)	-						Mo	dulatio	n DFT	-s-OFI	DM	Mod	ulation	CP-O	FDM		Fade	RI	3# Inner		
l est item s	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 0 4 M	64 04M	256 0.4M	QPSk	16 04M	64 04M	256 0 A M	Edge	1RB_Righ	Inner 1RB Leff	1RB_Righ	Inner	Outer
Conducted Power		v	v	v	v	v														v	v	V	V	V	v	V	V	V	ITE_ECI	t	v	t	v	v
Fregency Stability		-	v		-	v																-			v	-						-	-	v
Occupied Bandwidth		v	v	v	v	v														v	v	v	v	v										v
Bandedge																																		
Mask	30	v	٧	v	v	v														v					v				v	v				v
Conducted Emission		v	٧	v	v	٧														٧									-		v			
CCDF		v	٧	v	٧	٧																		٧										٧
Radiated Emission			v			v														v											v			
		Te	est Cha	innel				_			Band	dwidth (l	MHz)		_	_				M	lodulatio	on DFT	-s-OFD	м	Mo	dulation	CP-OF	DM			R	B#		
l est ltems	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 04M	64 04M	256 0AM	QPSK	16 0AM	64 04M	256 0AM	Edge	Edge	Inner 1RB Lo ⁴	Inner 1RB Right	Inner	Outer
Conducted Power		v	v	v		v	v	v												v	v	v	v	v	v	v	v	v	IND_LUI	nto_rtigrit	v	v	rul V	v
Freqency Stability			v					v																	v									v
Occupied Bandwidth		v	v	v	L	v	v	v												v	v	v	v	v										v
Bandedge	38																																	
Mask		v	v	٧		v	v	v												v					v				v	v				v
Conducted Emission		V	V	۷		V	V	V												v											V			
Radiated Emission		v	v	v		v	v	V												v				v							v			V
		Te	est Cha	innel	1						Band	dwidth (l	MHz)							N	lodulatio	on DFT	-s-OFD	M	Mo	dulation	CP-OF	DM			RI	B#		
Test Items	Band				-	40	45		05		0.5		45	50		70			400		0001	16	64	256	0.000	16	64	256	Edge	Edge	Inner	Inner	Inner	Outer
		L .	M	-	5	10	15	20	20	30	35	40	+5	30	00	10	00	30	100	DP'3K	uron.	QAM	QAM	QAM	urok	QAM	QAM	QAM	1RB_Left	1RB_Right	1RB_Left	1RB_Right	Full	Full
Conducted Power		v	v	v		v	v	v												٧	v	v	v	٧	v	v	v	v			v	v	v	v
rregency Stability		v	V			v	v	v												~	v			v	v									V
Bandedge		*	v	v		v	v	Ľ.												v	v	Ľ.	Ľ.	v										1
Mask	41	v	v	v		v	v	v												v					v				v	v				v
Conducted Emission		v	v	٧		v	v	٧												٧											v			
CCDF		v	v	٧		v	v	٧																v										v
Radiated Emission		v	l 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.

t (886-2) 2299-3279

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 not reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

SGS

Report No.: TERF2410003183ER Page: 20 of 36

		Te	st Char	nnel							Band	width (MHz)							Mo	odulati	on DF	Г-s-OF	DM	Mod	lulatior	CP-0	FDM			R	3#		
Test Items	Band	L	м	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSk	QPS	K 16 QAM	64 QAM	256 QAM	QPSł	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Righ	Inner 1RB_Left	Inner 1RB_Righ	Inner Full	Outer Full
Conducted Power		v	٧	v		v														v	٧	v	v	v	v	٧	v	v			v	v	v	v
Freqency Stability			v			v																			٧									v
Occupied Bandwidth	-	v	v	v		v														v	v	v	v	v										v
Bandedge		v		v		v														v					v				v	v				v
Mask	53																																	
Conducted Emission	-	v	v	v		v														v											v			
CCDE	-	-	·																						-									
Padiated Emission	-	v	N	v		v														v											v			
Radiated Liffission		V T	v Char	v.		v					Deer									v	d a duda		- 055			di da Kar		-044				2.4		
Test Items	Band	L	M	Н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK		K 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		v	v	v	v	v	v	v												v	v	v	v	v	v	v	v	v		- •	v	v	v	v
Fregency Stability	-		v					v																	v									v
Occupied Bandwidth		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
Mask	66																																	
Conducted Emission		v	v	v	v	v	v	v												v											v			
CCDF		v	v	v	v	v	v	٧																v										v
Radiated Emission		v	v	v		٧														٧											v			
		T	est Char	inel							Ban	dwidth (MHz)							I	Nodula	tion DF1	-s-OFE	DM	Mo	dulation	CP-OF	DM			RI	B#		
Test Items	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSI	K 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		v	v	v	v	v	v													v	v	v	v	v	v	v	v	v			v	v	v	v
Freqency Stability			v				v																		v									v
Occupied Bandwidth		v	v	v	v	٧	٧													٧	٧	v	٧	٧										v
Bandedge	70	v		v	v	v	v													٧					v				v	v				v
Mask																																		
Conducted Emission		v	٧	٧	٧	٧	٧													٧											v			
CCDF		v	v	v	v	v	v																	v										v
Radiated Emission		v	۷	۷	۷															v											v			
Test Items	Band	L	est Char M	nel H	5	10	15	20	25	30	Ban	dwidth (40	MHz) 45	50	60	70	80	90	100	N BPSK	Vodula	tion DFT	-s-OFE	256	Mc QPSk	dulation	64	256	Edge	Edge	Ri Inner	3 #	Inner	Outer
Conducted Power		v	v	v	v	v	v	v												v	v	V	V	V	v	V	V	V	IKD_Leil	TKB_KIGHL	V	V	v	v
Freqency Stability			v					v																	v									v
Occupied Bandwidth		v	v	v	v	v	v	٧												v	٧	v	٧	v										v
Bandedge	71	v		٧	٧	v	v	٧												٧					v				v	v				v
Mask		-																																
Conducted Emission		v	v	v	v	V	V	۷												v		-	_								v			
CCDF		v	v	v	v	v	V	۷														-	_	v										v
Radiated Emission		v	v	۷		V														v											v			
		Te	est Char	nnel							Band	width (MHz)						-	Mo	odulati	on DF	F-s-OF	DM	Mod	lulation	CP-0	FDM		Face	RI	3#		1
l est items	Band	L	М	н	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPS	K QAM	64 QAM	256 QAM	QPSł	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	1RB_Righ	Inner 1RB_Left	1RB_Righ	Inner Full	Outer Full
Conducted Power		٧	٧	٧		٧	٧	٧												٧	v	٧	٧	٧	٧	v	٧	٧			v	v	v	v
Freqency Stability			v					٧																	٧									v
Occupied Bandwidth	1	٧	v	٧		٧	٧	٧												٧	٧	٧	٧	٧	_									v
Bandedge	1																																	
Mask	1 ''	v	v	v		v	٧	٧												v					٧				v	v				v
Conducted Emission	1	v	v	v		v	v	v												v											v			
CCDF	1	v	v	v		v	v	v																v										v
Radiated Emission	1	v	v	v			v															1									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.

t (886-2) 2299-3279

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 not 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.

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

www.sgs.com.tw



MEASUREMENT UNCERTAINTY 5

Test Items	Und	certair	nty
RF Power Output	+/-	0.97	dB
EPD/ EIPD maggurament	+/-	2.15	dB
	+/-	2.15	dB
Emission Bandwidth	+/-	1.38	Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/-	0.77	dB
Peak to Average Ratio	+/-	0.97	dB
Frequency Stability vs. Temperature	+/-	1.48	Hz
Frequency Stability vs. Voltage	+/-	1.48	Hz
Temperature	+/-	0.6	°C
Humidity	+/-	3	%
DC / AC Power Source	+/-	1	%

Radiated Spurious Emission Measurement Uncertainty										
	+/-	1.89	dB	9kHz~30MHz						
Polorization, Vartical	+/-	4.15	dB	30MHz - 1000MHz						
	+/-	dB	1GHz - 18GHz							
	+/-	3.86	dB	18GHz - 40GHz						
	+/-	1.89	dB	9kHz~30MHz						
Polorization, Horizontal	+/-	4.02	dB	30MHz - 1000MHz						
Folarization. Horizontal	+/-	3.43	dB	1GHz - 18GHz						
	+/-	3.86	dB	18GHz - 40GHz						
	+/-	2	dB	33GHz-50GHz						
	+/-	1.59	dB	50GHz-60GHz						
Radiated Spurious Emission	+/-	1.7	dB	60GHz-90GHz						
	+/-	1.64	dB	90GHz-140GHz						
	+/-	3.83	dB	140GHz-220GHz						

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

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.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 dear and the contracts are company's mining 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.

f (886-2) 2298-0488

www.sgs.com.tw

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.



MEASUREMENT EQUIPMENT USED 6

6.1 **Conducted Measurement**

	C	Conducted Emission T	est Site: Conducted	3	
	MED			LAST CAL.	CAL DUE.
EQUIPIVIENT TYPE	IVIER		SERIAL NUMBER	(mm/dd/yyyy)	(mm/dd/yyyy)
Attenuator	Mini-Circuits	BW-S10W2+	8	12/12/2023	12/11/2024
DC Block	Mini-Circuits	BLK-18-S+	4	12/12/2023	12/11/2024
Attenuator	Mini-Circuits	BW-S10W2+	8	12/11/2024	12/10/2025
DC Block	Mini-Circuits	BLK-18-S+	4	12/11/2024	12/10/2025
DC Power Supply	Gwinstek	SPS-3610	GEV856761	09/13/2024	09/12/2025
EXA Spectrum Analyzer	Agilent	N9010A	MY54200716	10/14/2024	10/13/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60240503	12/18/2023	12/17/2024
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60240503	12/16/2024	12/15/2025
PXA Spectrum Analyzer	Keysight	N9030B	MY61330494	03/22/2024	03/21/2025
Radio Communication Analyzer	KEYSIGHT	E7515B	MY601922462	06/02/2024	06/01/2025
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-017	12/12/2023	12/11/2024
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-017	12/11/2024	12/10/2025
Temperature Chamber	Giant Force	GTH-150-40-CP-AR	MAA0512-018	06/05/2024	06/04/2025
Test Software	SGS	Radio Test Software	Ver. 21	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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 Emissio	on Test Site: SAC 3		
	MED			LAST CAL.	CAL DUE.
	IVIER	MODEL NUMBER	SERIAL NUIVIBER	(mm/dd/yyyy)	(mm/dd/yyyy)
1G High Pass Filter	Micro-Tronics	HPM50108	32	12/12/2023	12/11/2024
2G High Pass Filter	Micro-Tronics	HPM50110	36	12/12/2023	12/11/2024
4G High Pass Filter	WI	WHKX4.0	22	12/12/2023	12/11/2024
Attenuator	Mini-Circuits	BW-S10W2+	16	12/12/2023	12/11/2024
Band Reject Filter 1700-2000	EWT	EWT-54-0038	M1	12/12/2023	12/11/2024
Band Reject Filter 2240-2700	WI	WRCJV2300/2700- 2240/2760-40/12SS	1	12/12/2023	12/11/2024
Band Reject Filter 3250-3750	Micro-Tronics	BRM15247	1	12/12/2023	12/11/2024
Band Reject Filter 800-1000	EWT	EWT-54-0037	M3R	12/12/2023	12/11/2024
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/17/2024	07/16/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/09/2024	08/08/2025
Coaxial Cables	EMCI+Huber Suhner	EMC107-SM-SM- 1000 +SUCOFLEX 104PEA +EMC107-SM-SM- 1500 +SUCOFLEX 106	RX Cable 9K-18G (221110+MY4251/4 PEA+221106+76096 /6)	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102+SUCOFLEX 106	TX Cable 30M-40G 23051/2+76096/6+2 2962/2	08/30/2024	08/29/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/06/2024	02/05/2025
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	07/10/2024	07/09/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	09/23/2024	09/22/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/15/2024	05/14/2025
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/28/2023	12/27/2024
Network Analyzer	R&S	ZNB 40	101842	05/16/2024	05/15/2025
Pre-Amplifier	EMCI	EMC118A45SEE	980868	08/30/2024	08/29/2025
Pre-Amplifier	EMCI	EMC184045SEE	9080939	08/30/2024	08/29/2025
Pre-Amplifier	HP	8447D	2944A07676	08/30/2024	08/29/2025
Radio Communication Analyzer	KEYSIGHT	E7515B	MY59321566	02/15/2024	02/14/2025
Site Cal	SGS	SAC 3	N/A	08/30/2024	08/29/2025
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

Note: N.C.R refers to Not Calibrated Required.

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 dear and the contracts are company's mining all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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



STANDARD APPLICABLE 7

7.1 Maximum Output Power

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.

FCC 25.149(c)

The maximum transmit power is no more than 1 W with a peak EIRP of no more than 6 dBW

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 25.149(c)

The maximum transmit power is no more than 1 W with a peak EIRP of no more than 6 dBW

FCC 27.50 (a)

(3) for mobile and portable stations compliant with 3GPP LTE standards transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band are limited to 250 mW/ 5MHz EIRP but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

FCC 27.50(c)

(9) Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

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(h)

(2) Mobile and other user stations transmitting in the BRS and EBS bands are limited to 2 W 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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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.



FCC 90.542(a)

(6) Control stations and mobile stations transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 30 watts ERP.

FCC 90.635(b)

Mobile station is limited to 100W ERP

7.2 Occupied Bandwidth Measurement

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.

FCC §25.149(c)(4)

(ii) The 6 dB bandwidth is at least 500 kHz;

7.3 Out Of Band Emission At Antenna Terminals

FCC §22.917(a), §24.238(a), §27.53(h), §90.543(e)(3)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC §25.149(c)(4)

(v) Emissions below 2483.5 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least $40 + 10 \log (P) dB$ at the channel edge at 2483.5 MHz, $43 + 10 \log (P) dB$ at 5 MHz from the channel edge, and 55 + 10 log (P) dB at X MHz from the channel edge where X is the greater of 6 MHz or the actual emission bandwidth.

(vi) Emissions above 2495 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least 43 + 10 log (P) dB on all frequencies between the channel edge at 2495 MHz and X MHz from this channel edge and 55 + 10 log (P) dB on all frequencies more than X MHz from this channel edge, where X is the greater of 6 MHz or the actual emission bandwidth;

FCC §27.53(a)

For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;
- (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;
- (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

Member of SGS Group

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 and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to the full solution of filectronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to its 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.



FCC §27.53(g)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

FCC §27.53(h)

(h) *AWS emission limits*—(1) *General protection levels*. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log₁₀ (P) dB.

FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

FCC §90.543 (e)

For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions of Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. 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

defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

 台灣檢驗科技股份有限公司
 t (886-2) 2299-3279
 f (886-2) 2298-0488
 www.sgs.com.tw



(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

FCC §90.691 Emission mask requirements for EA-based systems

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

7.4 Field Strength Of Spurious Radiation Measurement

According to FCC §2.1053,

FCC §22.917(a), §24.238(a), §27.53(h), §90.543(e)(3)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC §25.149(c)(4)

(v) Emissions below 2483.5 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least $40 + 10 \log (P) dB$ at the channel edge at 2483.5 MHz, $43 + 10 \log (P) dB$ at 5 MHz from the channel edge, and 55 + 10 log (P) dB at X MHz from the channel edge where X is the greater of 6 MHz or the actual emission bandwidth.

(vi) Emissions above 2495 MHz are attenuated below the transmitter power (P) measured in watts by a factor of at least 43 + 10 log (P) dB on all frequencies between the channel edge at 2495 MHz and X MHz from this channel edge and 55 + 10 log (P) dB on all frequencies more than X MHz from this channel edge, where X is the greater of 6 MHz or the actual emission bandwidth;

FCC §27.53(a)

For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (ii) By a factor of not less than 70 + 10 log (P) dB below 2288 MHz;
- (iii) By a factor of not less than 70 + 10 log (P) dB above 2365 MHz.

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.

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.



FCC §27.53(a)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P) dB$;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

FCC §90.543 (f)

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC §27.53(h)(1)

(h) AWS emission limits—(1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log₁₀ (P) dB.

FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 f (886-2) 2298-0488

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.



made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

§90.691 Emission mask requirements for EA-based systems

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

7.5 Frequency Stability Measurement

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

§25.202(d) Frequency tolerance, Earth stations. The carrier frequency of each earth station transmitter authorized in these services shall be maintained within 0.001 percent of the reference frequency.

7.6 Peak to Average Ratio

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

7.7 Maximum Power Spectral Density

FCC §25.149(c)(4)

(iv) The maximum power spectral density conducted to the antenna is not greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission;

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。

www.sqs.com.tw

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.

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.



TEST SETUP 8

8.1 **Maximum Output Power**



Note: Measurement setup for testing on Antenna connector

8.2 **Occupied Bandwidth Measurement**



Note: Measurement setup for testing on Antenna connector

Out of Band Emission At Antenna Terminals 8.3



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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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.

www.sgs.com.tw



8.4 Field Strength of Spurious Radiation Measurement

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



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



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

t (886-2) 2299-3279

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 form 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.



8.5 Frequency Stability Measurement

Temperature Chamber



Variable DC Power Supply

Note: Measurement setup for testing on Antenna connector

8.6 **Peak To Average Ratio**



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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 dear and the contracts are company's mining 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.



Maximum Power Spectral Density 8.7



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 dear and the contracts are company's mining 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.

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



TEST PROCEDURE 9

9.1 Maximum Output Power

9.1.1 **Output Power Measurement Applicable Guideance**

The transmitter output was connected to a communication tester. Transmitter output was read off the communication tester in dBm. The power output at the transmitter antenna port was determined by the communication tester 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.

Determining ERP and/or EIRP from conducted RF output power measurements 9.1.2

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 PT, typically dBW, dBm, or power spectral density (PSD)2), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);
Ρτ	= transmitter output power, expressed in dBW, dBm, or PSD;
G⊺ Lc	 gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP); signal attenuation in the connecting cable between the transmitter and antenna, in dB.

9.2 **Occupied Bandwidth Measurement**

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% ~ 5%, VBW \geq 3 * RBW, with span > 2 * Signal BW, set % Power = 99%.

6dB Bandwidth

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW is 1%-5% of EBW, VBW \geq 3 * RBW, Peak detector and max hold.

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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.

www.sqs.com.tw



9.3 Out of Band Emission at Antenna Terminals

9.3.1 Conducted Emission

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. Set RBW = 1MHz & VBW = 1MHz on Spectrum.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

9.3.2 Band Edge

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. The band edge of low and high channels for the highest RF powers was measured. Setting RBW ≥ 1% EBW.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

9.4 Field Strength of Spurious Radiation Measurement

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

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

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

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

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

9.5 Frequency Stability Measurement

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 20° C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low

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。本氧增去經本公司書面許可,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 and for electronic format documents, subject to Terms and Conditions for Electronic Documents 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 and for electronic format documents, subject to Terms and Conditions for Electronic Documents 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 and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions of 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

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

 台灣檢驗科技股份有限公司
 t (886-2) 2299-3279
 f (886-2) 2298-0488
 www.sgs.com.tw



enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

9.6 Peak to Average Ratio

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

9.7 Maximum Power Spectral Density

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW=3kHz, VBW \geq 3 * RBW, detector= RMS (power averaging).

10 MEASUREMENT RESULTS

Please refer to the Annex A-Measurement Results.

11 PHOTOGRAPHS OF SET UP

Please refer to the attached file (Setup Photo)

12 PHOTOGRAPHS OF EUT

Please refer to the attached file(EUT Photo)

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.

www.sqs.com.tw

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 <u>http://www.sgs.com.tw/Terms-and-Conditions</u> 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 document sole and the document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document and the document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document and their document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document and their document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction document and the document a prosecuted to the fullest extent of the law.