Report No.:
 SEWM2209000170RG02

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 01

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TEST REPORT

Application No:	SEWM2209000170RG
Applicant:	Xiaomi Communications Co., Ltd.
Address of Applicant:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer:	Xiaomi Communications Co., Ltd.
Address of Manufacturer:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
EUT Description:	Mobile Phone
Model No.:	22101316G
Trade Mark:	Redmi
FCC ID:	2AFZZ1316G
Standards:	47 CFR Part 2
	47 CFR Part 22
	47 CFR Part 24
	47 CFR Part 27
Date of Receipt:	2022/09/02
Date of Test:	2022/09/08 to 2022/09/24
Date of Issue:	2022/10/09
Test Result:	PASS *

* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:

anta Sun

Panta Sun Wireless Laboratory Manager



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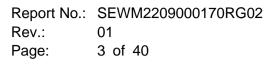
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Version	Chapter	Date	Modifier	Remark		
01		2022/10/09		Original		

Prepared By	Weller Liu) / Test Engineer
Checked By	(Well Wei) / Reviewer



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2 Test Summary

2.1 NR Band n5(ENDC DC_7A-n5A)

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §22.913(a)(5)	FCC: ERP ≤ 7 W	Section 1 of Appendix B.18	Pass
Peak-Average Ratio	§22.913(d)	Limit≤13 dB	Section 2 of Appendix B.18	Pass
Modulation Characteristics	§2.1047	Digital modulation	Section 3 of Appendix B.18	Pass
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	Section 4 of Appendix B.18	Pass
Band Edges Compliance	§2.1051, §22.917(a)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	Section 5 of Appendix B.18	Pass
Spurious Emission at Antenna Terminals	§2.1051, §22.917(a)	FCC: ≤ -13 dBm/100 kHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges.	Section 6 of Appendix B.18	Pass
Field Strength of Spurious Radiation	§2.1053, §22.917(a)	FCC: ≤ -13 dBm/100 kHz.	Section 7 of Appendix B.18	Pass
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(2) §22.355	≤ ±2.5ppm.	Section 8 of Appendix B.18	Pass



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2.2 NR Band n38(ENDC DC_66A_n38A) / NR Band n41(ENDC DC_41A_n41A/ DC_66A_n41A)

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Effective		Requirements	I ESI KESUIL	Veruici
(Isotropic) Radiated Power Output Data	§2.1046, §27.50(h)(2)	EIRP ≤ 2W	Section 1 of Appendix B.20&21	Pass
Peak-Average Ratio		≤13 dB	Section 2 of Appendix B.20&21	Pass
Modulation Characteristics	§2.1047	Digital modulation	Section 3 of Appendix B.20&21	Pass
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	Section 4 of Appendix B.20&21	Pass
Band Edges Compliance	§2.1051, §27.53(m4)	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 de ned 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.	Section 5 of Appendix B.20&21	Pass
Spurious Emission at Antenna Terminals	§2.1051, §27.53(m)	Channel Edge -25 dBm/ 1 MHz 9 kHz 9 kHz X=Max { 6MHz, EBW}	Section 6 of Appendix B.20&21	Pass
Field Strength of Spurious Radiation	§2.1053, §27.53(m)	25 dBm/ 1 MHz 9 kHz 25 dBm/ 1 MHz 25 dBm/ 1 MHz 4 Hz 25 dBm/ 1 MHz 4 Hz 2 Hz 2 S dBm/ 1 MHz 4 Hz 2 Hz 2 S dBm/ 1 MHz 4 Hz 2 Hz 2 S dBm/ 1 MHz 4 Hz 2 S dBm/ 1 MHz 4 Hz 2 S dBm/ 1 MHz 4 Hz 2 S dBm/ 2 S dB	Section 7 of Appendix B.20&21	Pass
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(2) §27.54	Within authorized bands of operation/frequency block.	Section 8 of Appendix B.20&21	Pass



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2.3 NR Band n66(ENDC DC_2A-n66A/ DC_5A-n66A/ DC_12A-n66A/ DC_66A-n66A)

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(d)(4)	EIRP ≤ 1 W	Section 1 of Appendix B.22	Pass
Peak-Average Ratio	§27.50(d)(5)	Limit≤13 dB	Section 2 of Appendix B.22	Pass
Modulation Characteristics	§2.1047	Digital modulation	Section 3 of Appendix B.22	Pass
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	Section 4 of Appendix B.22	Pass
Band Edges Compliance	§2.1051, §27.53(h)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	Section 5 of Appendix B.22	Pass
Spurious Emission at Antenna Terminals	§2.1051, §27.53(h)	≤ -13 dBm/1 MHz, from 9 kHz to 10 th harmonics but outside authorized operating frequency ranges.	Section 6 of Appendix B.22	Pass
Field Strength of Spurious Radiation	§2.1053, §27.53(h)	≤ -13 dBm/1 MHz.	Section 7 of Appendix B.22	Pass
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(2) §27.54	Within authorized bands of operation/frequency block.	Section 8 of Appendix B.22	Pass



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2.4 NR Band n77 / NR Band n78 (ENDC DC_2A-n78A/ DC_5A-n78A/ DC_7A-n78A/ DC_38A-n78A / DC_41A-n78A/ DC_66A-n78A)

3700-3980MHz:

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J700-J900IW	FCC Rule No.	Requirements	Test Result	Verdict
Test Item Effective (Isotropic) Radiated	§2.1046, §27.50(j)(3)	EIRP ≤ 1W	Section 1 of Appendix	Pass
Power Output Data	321.00()/(0)		B.24&26 Section 2 of	
Peak-Average Ratio		≤13 dB	Appendix B.24&26	Pass
Modulation Characteristics	§2.1047	Digital modulation	Section 3 of Appendix B.24&26	Pass
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	Section 4 of Appendix B.24&26	Pass
Band Edges Compliance	§2.1051, §27.53(l)(2)	 (2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (I)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 	Section 5 of Appendix B.24&26	Pass
Spurious Emission at Antenna Terminals	§2.1051, §27.53(I)(2)	not exceed -13 dBm/MHz.	Section 6 of Appendix B.24&26	Pass
Field Strength of Spurious Radiation	§2.1053, §27.53(l)(2)	not exceed -13 dBm/MHz	Section 7 of Appendix B.24&26	Pass
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(2) §27.54	Within authorized bands of operation/frequency block.	Section 8 of Appendix B.24&26	Pass



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3450-3550MHz:						
Test Item	FCC Rule No.	Requirements	Test Result	Verdict		
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(k)(3)	EIRP ≤ 30dBm	Section 1 of Appendix B.23&25	Pass		
Peak-Average Ratio	§27.50(k)(4)	FCC: Limit≤13 dB	Section 2 of Appendix B.23&25	Pass		
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	Section 4 of Appendix B.23&25	Pass		
Band Edges Compliance	§2.1051, §27.50(n)(2)	For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.	Section 5 of Appendix B.23&25	Pass		
Spurious Emission at Antenna Terminals	§2.1051, §27.50(n)(2)	For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.	Section 6 of Appendix B.23&25	Pass		
Field Strength of Spurious Radiation	§2.1053, §27.50(n)(2)	For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.	Section 7 of Appendix B.23&25	Pass		
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(2) §27.54	Within authorized bands of operation/ frequency block.	Section 8 of Appendix B.23&25	Pass		



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3 General Information

3.1 Client Information

Applicant:	Xiaomi Communications Co., Ltd.
Address of Applicant:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Manufacturer:	Xiaomi Communications Co., Ltd.
Address of Manufacturer:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

3.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	Weller Liu, Tizzy Song

3.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 6336.01)

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Designation Number: CN1312.

Test Firm Registration Number: 717327



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EUT Description:	Mobile I	Mobile Phone					
Model No.:	221013	22101316G					
Trade Mark:	Redmi						
Hardware Version:	P2						
Software Version:	MIUI14						
IMEI:	RF Con RSE	aducted 861485060054914 861485060054978 861485060054922 861485060054978 861485060054978 861485060084416 861485060084424					
HPUE Power Class:	Class 2	n77; n78					
Antenna Type:	PIFA Ar	ntenna					
	n5:	-7.2dBi(ANT0);-	6dBi(ANT1)				
	n7:	-0.8dBi(ANT0);-3.1dBi(ANT1); -2.7dBi(ANT2); -4.1dBi(ANT3);					
	n38:	0.4dBi(ANT0);-3	dBi(ANT1); -2.9dBi(ANT2);	-3.8dBi(ANT3);			
	n41:	0.4dBi(ANT0);-3	dBi(ANT1); -2.9dBi(ANT2);	-3.8dBi(ANT3);			
Antenna Gain:	n66:	-1.3dBi(ANT0);-2	dBi(ANT0);-2.8dBi(ANT1); -4.1dBi(ANT2); -4.5dBi(ANT3);				
	n77:	-1.6dBi(ANT2);	4.3dBi(ANT4);-1.7dBi(ANT5);-2.3dBi(ANT6);			
	n78:	-0.7dBi(ANT2);-	3dBi(ANT4);-2.4dBi(ANT5);·	-1.7dBi(ANT6);			
	Note: The ant manufa	ntenna gain are derived from the gain information report provided by the					
DE Coblet	0.8dB(B	elow 1GHz)	1.0dB(1~2.4GHz)	1.2dB(2.4~3.4GHz)			
RF Cable:	1.5dB(A	1.5dB(Above 3.4GHz)					
Pomark:							

3.4 General Description of EUT

Remark:

1. This report all antennas are tested, and only the worst data is presented.

2.As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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3.5 Test Mode

Test Mode	Test Modes Description
NR/TM1	NR system, DFT-s-Pi/2-BPSK modulation
NR/TM2	NR system, DFT-s-QPSK modulation
NR/TM3	NR system, DFT-s-16QAM modulation
NR/TM4	NR system, DFT-s-64QAM modulation
NR/TM5	NR system, DFT-s-256QAM modulation
NR/TM6	NR system, CP-QPSK modulation
NR/TM7	NR system, CP-16QAM modulation
NR/TM8	NR system, CP-64QAM modulation
NR/TM9	NR system, CP-256QAM modulation
Remark: The test mode(s)	are selected according to relevant radio technology specifications.

3.6 Test Environment

Environment Parameter	101.0 kPa Selected Values During Tests				
Relative Humidity	44-46 % RH Ambient				
Value	Temperature(°C) Voltage(V)				
NTNV	22~23	3.87			
LTLV	-30	3.6			
LTHV	-30	4.3			
HTLV	50	3.6			
HTHV	50	4.3			
J J J J J J J J J J J J J J J J J J J	v Extreme Test Voltage v Extreme Test Temperature	HV: High Extreme Test Voltage HT: High Extreme Test Temperature			

3.7 Description of Support Units

The EUT has been tested as an independent unit.



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3.8 Technical Specification

Characteristics	Description						
Radio System Type	SA 🛛 NSA						
	Band	Band TX		RX			
	NR Band n5	824 to 849 MHz		869 to 894 MHz			
	NR Band n7	2500 to 2570 MHz		2620 to 2690	MHz		
	NR Band n38	2570 to 2620	MHz	2570 to 2620	MHz		
Supported Frequency	NR Band n41	2496 to 2690	MHz	2496 to 2690	MHz		
Range	NR Band n66	1710 to 1780	MHz	2110 to 2180	MHz		
	NR Band n77	3700 to 3980	MHz	3700 to 3980	MHz		
		3450 to 3550	MHz	3450 to 3550	MHz		
	NR Band n78	3700 to 3800	MHz	3700 to 3800	MHz		
	Nit Band III 0	3450 to 3550	MHz	3450 to 3550	MHz		
	NR Band n5	SCS 15kHz:					
		⊠5 MHz	⊠10 MHz	🛛 15 MHz	⊠20 MHz		
	NR Band n7	SCS 15kHz:					
		⊠5 MHz	⊠10 MHz	🛛 15 MHz	⊠20 MHz		
		25 MHz	⊠30 MHz	⊠40 MHz	⊠50 MHz		
	NR Band n38	SCS 30kHz:					
		⊠20 MHz;	⊠30 MHz	⊠40 MHz			
		SCS 30kHz:					
Supported Channel	NR Band n41	⊠20 MHz;	⊠30 MHz	⊠40 MHz	⊠50 MHz		
Bandwidth		⊠60 MHz	🛛 80 MHz	⊠90 MHz	⊠100 MHz		
		SCS 15kHz:					
	NR Band n66	⊠5 MHz	⊠10 MHz	⊠15 MHz	⊠20 MHz		
		⊠30 MHz	⊠40 MHz				
		SCS 30kHz					
	NR Band n77	20 MHz	⊠40 MHz	⊠50 MHz	⊠60 MHz		
		80 MHz	⊠90 MHz	⊠100 MHz			
		SCS 30kHz:					
	NR Band n78	20 MHz	⊠30 MHz	⊠40 MHz	⊠50 MHz		
		⊠60 MHz	⊠80 MHz	⊠90 MHz	⊠100 MHz		
Designation of		DFT-s-Pi/2- BPSK	CP-16QAM				



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Emissions		SCS 15kHz:		
(Remark: the necessary bandwidth of which is		4M48G7D	4M47W7D	
the worst value from	NR Band n5	8M94G7D	9M28W7D	
the measured occupied		13M5G7D	14M1W7D	
bandwidths for each type of channel		17M9G7D	18M9W7D	
bandwidth		SCS 15kHz:		
configuration.)		4M47G7D	4M47W7D	
		8M91G7D	9M30W7D	
		13M4G7D	14M1W7D	
	NR Band n7	17M9G7D	18M9W7D	
		22M9G7D	23M7W7D	
		28M5G7D	28M5W7D	
		35M6G7D	38M6W7D	
		48M2G7D	48M2W7D	
	NR Band n38	SCS 15kHz:		
		17M9G7D	18M2W7D	
		26M8G7D	27M9W7D	
		35M8G7D	37M8W7D	
		SCS 30kHz:		
		17M9G7D	18M2W7D	
		26M8G7D	27M9W7D	
		35M8G7D	37M8W7D	
	NR Band n41	45M7G7D	47M5W7D	
		57M9G7D	57M8W7D	
		77M0G7D	77M5W7D	
		86M6G7D	87M3W7D	
		96M1G7D	96M9W7D	
		SCS 15kHz:		
		4M48G7D	4M48W7D	
		8M92G7D	9M29W7D	
	NR Band n66	13M4G7D	14M1W7D	
		17M9G7D	18M9W7D	
		28M6G7D	28M6W7D	
		38M7G7D	38M6W7D	



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	SCS 30kHz:	•	
	17M9G7D	18M2W7D	
	35M9G7D	37M9W7D	
NR Band n77	45M8G7D	47M5W7D	
(3700-3980)	57M9G7D	57M9W7D	
	77M2G7D	77M5W7D	
	86M7G7D	87M5W7D	
	96M2G7D	97M3W7D	
	SCS 30kHz:		
	17M9G7D	18M2W7D	
	26M8G7D	27M9W7D	
	35M8G7D	37M9W7D	
NR Band n78 (3450-3550)	45M8G7D	47M4W7D	
	57M9G7D	57M9W7D	
	77M1G7D	77M8W7D	
	86M9G7D	87M4W7D	
	96M3G7D	97M4W7D	
	SCS 30kHz:		
	17M8G7D	18M2W7D	
	26M9G7D	28M0W7D	
	35M7G7D	37M9W7D	
NR Band n78 (3700-3800)	45M8G7D	47M5W7D	
	57M9G7D	57M8W7D	
	77M0G7D	77M5W7D	
	85M6G7D	87M5W7D	
	96M2G7D	97M1W7D	



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3.9 Test Frequencies

3.9.1 Reference test frequencies for NR operating band n5 3.9.1.1 Test frequencies for NR operating band n5 and SCS 15 kHz

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]	
		Low	871.5	174300		
	Downlink	Mid	881.5	176300	15	
5		High	891.5	178300		
5	5	Low	826.5	165300		
	Uplink	Mid	836.5	167300	-	
		High	846.5	169300		
		Low	874	174800		
	Downlink	Mid	881.5	176300	15	
10		High	889	177800		
10	Uplink	Low	829	165800		
		Mid	836.5	167300	-	
		High	844	168800		
		Low	876.5	175300		
	Downlink	Mid	881.5	176300	15	
15		High	886.5	177300		
15		Low	831.5	166300		
	Uplink	Mid	836.5	167300	-	
		High	841.5	168300		
		Low	879	175800		
20 Downli	Downlink	Mid	881.5	176300	15	
		High	884	176800		
20		Low	834	166800		
	Uplink	Mid	836.5	167300	-	
		High	839	167800		



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3.9.2 Reference test frequencies for NR operating band n7 3.9.2.1 Test frequencies for NR operating band n7 and SCS 15 kHz

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Bandwidth [MHz]	Rang	e	Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
		Low	2622.5	524500	
	Downlink	Mid	2655	531000	15
5		High	2687.5	537500	
5		Low	2502.5	500500	
	Uplink	Mid	2535	507000	
		High	2567.5	513500	
		Low	2625	525000	
	Downlink	Mid	2655	531000	15
10		High	2685	537000	
10		Low	2505	501000	
	Uplink	Mid	2535	507000	
		High	2565	513000	
		Low	2627.5	525500	
	Downlink	Mid	2655	531000	15
15		High	2682.5	536500	
15		Low	2507.5	501500	
	Uplink	Mid	2535	507000	
		High	2562.5	512500	
		Low	2630	526000	
	Downlink	Mid	2655	531000	15
20		High	2680	536000	
20		Low	2510	502000	
	Uplink	Mid	2535	507000	
		High	2560	512000	
		Low	2632.5	526500	
	Downlink	Mid	2655	531000	15
25		High	2677.5	535500	
20		Low	2512.5	502500	
	Uplink	Mid	2535	507000	
		High	2557.5	511500	
		Low	2635	52700	
	Downlink	Mid	2655	531000	15
30		High	2675	535000	
30		Low	2515	503000	
	Uplink	Mid	2535	507000]
		High	2555	511000	
		Low	2640	528000	
	Downlink	Mid	2655	531000	15
		High	2670	534000	1
40		Low	2520	504000	
	Uplink	Mid	2535	507000	
	оршк				
		High	2550	510000	
	Downlink	Low	2645	529000	45
	Downlink	Mid	2655	531000	15
50		High	2665	533000	
	بالمالمان	Low	2525	505000	4
	Uplink	Mid	2535	507000	
		High	2545	509000	



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3.9.3 Reference test frequencies for NR operating band n38 3.9.3.1 Test frequencies for NR operating band n38 and SCS 30 kHz

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Bandwidth [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
	Downlink	Low	2580	516000	
20	&	Mid	2595	519000	30
	Uplink	High	2610	522000	
	Downlink	Low	2585	517000	
30	&	Mid	2595	519000	30
	Uplink	High	2605	521000	
	Downlink	Low	2590	518000	
40	&	Mid	2595	519000	30
	Uplink	High	2600	520000	



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3.9.4 Reference test frequencies for NR operating band n41

SG

3.9.4.1 Test frequencies for NR operating band n41 and SCS 30 kHz

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
	Downlink	Low	2506.02	501204	
20	&	Mid	2592.99	518598	30
	Uplink	High	2670	534000	
	Downlink	Low	2511	502200	
30	&	Mid	2592.99	518598	30
	Uplink	High	2675	535000	
	Downlink	Low	2516.01	503202	
40	&	Mid	2592.99	518598	30
	Uplink	High	2670	534000	
	Downlink	Low	2521.02	504204	
50	&	Mid	2592.99	518598	30
	Uplink	High	2664.99	532998	
	Downlink	Low	2526	505200	
60	&	Mid	2592.99	518598	30
	Uplink	High	2659.98	531996	
	Downlink	Low	2536.02	507204	
80	&	Mid	2592.99	518598	30
	Uplink	High	2649.99	529998	
	Downlink	Low	2541	508200	
90	&	Mid	2592.99	518598	30
	Uplink	High	2644.98	528996]
	Downlink	Low	2546.01	509202	
100	&	Mid	2592.99	518598	30
	Uplink	High	2640	528000	



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3.9.5 Reference test frequencies for NR operating band n66

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3.9.5.1 Test frequencies for NR operating band n66 and SCS 15 kHz

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
		Low	2112.5	422500	
	Downlink	Mid	2145	429000	15
~		High	2177.5	435500	
5		Low	1712.5	342500	-
	Uplink	Mid	1745	349000	
		High	1777.5	355500	
		Low	2115	423000	
	Downlink	Mid	2145	429000	15
10		High	2175	435000	
10		Low	1715	343000	
	Uplink	Mid	1745	349000	-
	-	High	1775	355000	
		Low	2117.5	423500	
	Downlink	Mid	2145	429000	15
45		High	2172.5	434500	
15		Low	1717.5	343500	
	Uplink	Mid	1745	349000	-
		High	1772.5	354500	
		Low	2120	424000	15
	Downlink	Mid	2145	429000	
00		High	2170	434000	
20		Low	1720	344000	
	Uplink	Mid	1745	349000	-
	·	High	1770	354000	
		Low	2125	425000	
	Downlink	Mid	2145	429000	15
20		High	2165	433000	
30		Low	1725	345000	
	Uplink	Mid	1745	349000	1 -
	•	High	1765	353000	1
		Low	2130	426000	
	Downlink	Mid	2145	429000	15
10		High	2160	432000	1
40		Low	1730	346000	
	Uplink	Mid	1745	349000	1 -
		High	1760	352000	1



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3.9.6 Reference test frequencies for NR operating band n77

3.9.6.1 Test frequencies for NR operating band n77 and SCS 30 kHz

3700-3980:

SG

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
	Downlink	Low	3710.01	647334	
20	&	Mid	3840	656000	30
	Uplink	High	3969.99	664666	
	Downlink	Low	3720	648000	
40	&	Mid	3840	656000	30
	Uplink	High	3960	664000	
	Downlink	Low	3725.01	648334	
50	&	Mid	3840	656000	30
	Uplink	High	3954.99	663666	
	Downlink	Low	3730.02	648668	
60	&	Mid	3840	656000	30
	Uplink	High	3949.98	663332	
	Downlink	Low	3740.01	649334	
80	&	Mid	3840	656000	30
	Uplink	High	3939.99	662666	
	Downlink	Low	3745.02	649668	
90	&	Mid	3840	656000	30
	Uplink	High	3934.98	662332]
	Downlink	Low	3750	650000	
100	&	Mid	3840	656000	30
	Uplink	High	3930	662000	1

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CBW [MHz]	Range	•	Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
	Downlink	Low	3460.02	630668	
20	&	Mid	3500.01	633334	30
	Uplink	High	3540	636000	
	Downlink	Low	3470.01	631334	
40	&	Mid	3500.01	633334	30
	Uplink	High	3530.01	635334	
	Downlink	Low	3475.02	631668	
50	&	Mid	3500.01	633334	30
	Uplink	High	3525	635000	
	Downlink	Low	3480	632000	
60	&	Mid	3500.01	633334	30
	Uplink	High	3519.99	634666	
	Downlink	Low	3490.02	632668	
80	&	Mid	3500.01	633334	30
	Uplink	High	3510	634000	
	Downlink	Low	3495	633000	
90	&	Mid	3500.01	633334	30
	Uplink	High	3504.99	633666	
100	Downlink	Low	\	\	
	&	Mid	3500.01	633334	30
	Uplink	High	\	\	1



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3.9.7 Reference test frequencies for NR operating band n78

3.9.7.1 Test frequencies for NR operating band n78 and SCS 30 kHz

2700	·3800:
-3700-	

SG

CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
	Downlink	Low	3710.01	647334	
20	&	Mid	3750	650000	30
	Uplink	High	3789.99	652666	
	Downlink	Low	3715.02	647668	
30	&	Mid	3750	650000	30
	Uplink	High	3785.01	652334	
	Downlink	Low	3720	648000	
40	&	Mid	3750	650000	30
	Uplink	High	3780	652000	
	Downlink	Low	3725.01	648334	
50	&	Mid	3750	650000	30
	Uplink	High	3774.99	651666	
	Downlink	Low	3730.02	648668	
60	&	Mid	3750	650000	30
	Uplink	High	3769.98	651332	
	Downlink	Low	3740.01	649334	
80	&	Mid	3750	650000	30
	Uplink	High	3759.99	650666	
	Downlink	Low	3745.02	649668	
90	&	Mid	3750	650000	30
	Uplink	High	3754.98	650332	1
	Downlink	Low	/	/	
100	&	Mid	3750	650000	30
	Uplink	High	/	/	

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CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]	SS block SCS [kHz]
	Downlink	Low	3460.02	630668	
20	&	Mid	3500.01	633334	30
	Uplink	High	3540	636000	
	Downlink	Low	3465	631000	
30	&	Mid	3500.01	633334	30
	Uplink	High	3534.99	635666	
	Downlink	Low	3470.01	631334	
40	&	Mid	3500.01	633334	30
	Uplink	High	3530.01	635334	
	Downlink	Low	3475.02	631668	
50	&	Mid	3500.01	633334	30
	Uplink	High	3525	635000	
	Downlink	Low	3480	632000	
60	&	Mid	3500.01	633334	30
	Uplink	High	3519.99	634666	
	Downlink	Low	3490.02	632668	
80	&	Mid	3500.01	633334	30
	Uplink	High	3510	634000	
	Downlink	Low	3495	633000	30
90	&	Mid	3500.01	633334	
	Uplink	High	3504.99	633666	
	Downlink	Low	\	\	
100	&	Mid	3500.01	633334	30
	Uplink	High	\	\	



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4 Description of Tests

S

4.1 Conducted Output Power

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 5.2.1

The transmitter output was connected to a calibrated coaxial cable, attenuator and power meter, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The power output at the transmitter antenna port was determined by adding the value of the cable insertion loss to the power reading. The tests were performed at three frequencies (low channel, middle channel and high channel) and on the highest power levels, which can be setup on the transmitters.

Remark: Reference test setup 1



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4.2 Effective (Isotropic) Radiated Power of Transmitter

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 5.8.4 Calculate power in dBm by the following formula: ERP (dBm) = Conducted Power (dBm) + antenna gain (dBd) EIRP(dBm) = Conducted Power (dBm) + antenna gain (dBi) EIRP=ERP+2.15dB



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4.3 Occupied Bandwidth

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 4.2 & 4.3

The occupied bandwidth, that 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 radiated by a given emission shall be measured. The transmitter output was connected to a calibrated coaxial cable, attenuator and Spectrum analyser, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The tests were performed at three frequencies (low channel, middle channel and high channel). The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts. The resolution bandwidth shall be set to as close to 1 percent of the selected span as is possible without being below 1 percent. The video bandwidth shall be set to 3 times the resolution bandwidth. Video averaging is not permitted. Where practical, a sampling detector shall be used since a peak or, peak hold, may produce a wider bandwidth than actual. The trace data points are recovered and are directly summed in linear terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 percent of the total is reached and that frequency recorded. The process is repeated for the highest frequency data points. This frequency is recorded. The span between the two recorded frequencies is the occupied bandwidth.

Remark: Reference test setup 1

Test Settings

- The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
- 2. RBW = 1 5% of the expected OBW
- 3. VBW ≥ 3 x RBW
- 4. Detector = Peak
- 5. Trace mode = max hold
- 6. Sweep = auto couple
- 7. The trace was allowed to stabilize
- 8. If necessary, steps 2 7 were repeated after changing the RBW such that it would be within
 - 1 5% of the 99% occupied bandwidth observed in Step 7



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4.4 Band Edge at Antenna Terminals

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 6.0

The transmitter output was connected to a calibrated coaxial cable, attenuator and Spectrum analyser, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The tests were performed at two frequencies (low channel and high channel).in the 1MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of 100kHz or 1% of the emission bandwidth of the fundamental emission of the transmitter may be employed. The EUT emission bandwidth is measured as the width of the signal between two points, outside of which all emission are attenuated at least 26dB below the transmitter power. The video bandwidth of the spectrum analyzer was set at thrice the resolution bandwidth. Detector Mode was set to peak or peak hold power.

Remark: Reference test setup 1

Test Settings

- 1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
- 2. Span was set large enough so as to capture all out of band emissions near the band edge
- 3. RBW > 1% of the emission bandwidth
- 4. $VBW \ge 3 \times RBW$
- 5. Detector = RMS
- 6. Number of sweep points ≥ 2 x Span/RBW
- 7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
- 8. Sweep time = auto couple
- 9. The trace was allowed to stabilize



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4.5 Spurious And Harmonic Emissions at Antenna Terminal

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 6.0

The transmitter output was connected to a calibrated coaxial cable, attenuator and Spectrum analyzer, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The tests were performed at three frequencies (low channel and high channel). The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log(P) dB. Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz 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 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 emission are attenuated at least 26 dB below the transmitter power.

Remark: Reference test setup 1

Test Settings

1. Start frequency was set to 9kHz and stop frequency was set to at least 10* the fundamental frequency(Separated into at least two plots per channel)

- 2. Detector = RMS
- 3. Trace mode = trace average for continuous emissinos, max hold for pulse emissions
- 4. Sweep time = auto couple
- 5. The trace was allowed to stabilize
- 6. Please see test notes below for RBW and VBW settings



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4.6 Peak-Average Ratio

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 5.7.2

A peak to average ratio measurement is performed at the conducted port of the EUT. For WCDMA signals, the spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level. For GSM signals, an average and a peak trace are used on a spectrum analyzer to determine the largest deviation between the average and the peak power of the EUT in a bandwidth greater than the emission bandwidth. The traces are generated with the spectrum analyzer set to zero span mode.

Remark: Reference test setup 1

Test Settings

- 1. The signal analyzer's CCDF measurement profile is enabled
- 2. Frequency = carrier center frequency
- 3. Measurement BW > Emission bandwidth of signal
- 4. The signal analyzer was set to collect one million samples to generate the CCDF curve
- 5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power



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4.7 Field Strength of Spurious Radiation

Measurement Procedure: FCC KDB 971168 D01 V03r01 Section 5.8

Below 1GHz test procedure as below:

- 1). The EUT was powered ON and placed on a 80cm high table in the chamber. The antenna of the transmitter was extended to its maximum length.
- 2). The disturbance of the transmitter was maximized on the test receiver display by raising and lowering from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made.
- 3). Steps 1) and 2) were performed with the EUT and the receive antenna in both vertical and horizontal polarization.
- 4). Test the EUT in the lowest channel, the middle channel ,the Highest channel.
- 5). The radiation measurements are performed in X, Y, Z axis positioning. And found the X axis positioning which it is worse case, Only the test worst case mode is recorded in the report.
- Repeat above procedures until all frequencies measured was complete.
 E (dBµV/m) = Measured amplitude level (µV/m) + (Cable Loss (dB) + Antenna Factor (dB/m) AMP(dB))
 EIRP (dBm) = E (dBµV/m) + 20 log D 104.8; where D is the measurement distance in meters

Above 1GHz test procedure as below:

- 1) Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber
- 2) Calculate power in dBm by the following formula:
 E (dBµV/m) = Measured amplitude level (dBµV) + (Cable Loss (dB) + Antenna Factor (dB/m) AMP(dB))
 EIRP (dBm) = E (dBµV/m) + 20 log D 104.8; where D is the measurement distance in meters
- 3). Test the EUT in the lowest channel, the middle channel the Highest channel
- 4). The radiation measurements are performed in X, Y, Z axis positioning. And found the X axis positioning which it is worse case, Only the test worst case mode is recorded in the report.
- 5). Repeat above procedures until all frequencies measured was complete

Remark1: Reference test setup 2

Remark2: The emission below 18G were measured at a 3m test distance, while emissions above 18GHz were measured at a 1m test distance. At a measurement distance of 1 meter the limit line was increased by 20*LOG(3/1) = 9.54 dB.

Remark: Reference test setup 2

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

Level = Reading Level + AF(dB/m) + Factor(dB)

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain (dB)

Margin = Limit(dBm) - Level(dBm)

2) Scan from 9kHz to 40GHz, The disturbance between 9KHz to 30MHz and 18GHz to 40GHz was very low, and the harmonics were the highest point could be found when testing, so only the harmonics

had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3) All modes have been tested, but only the worst case data displayed in this report.



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4.8 Frequency Stability / Temperature Variation

Measurement Procedure:

Frequency stability testing is performed in accordance with the guidelines of FCC KDB 971168 D01 V03r01 Section 9

The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

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

Time Period and Procedure:

- 1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
- 2. The equipment is turned on in a "standby" condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
- 3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

Remark: Reference test setup 3



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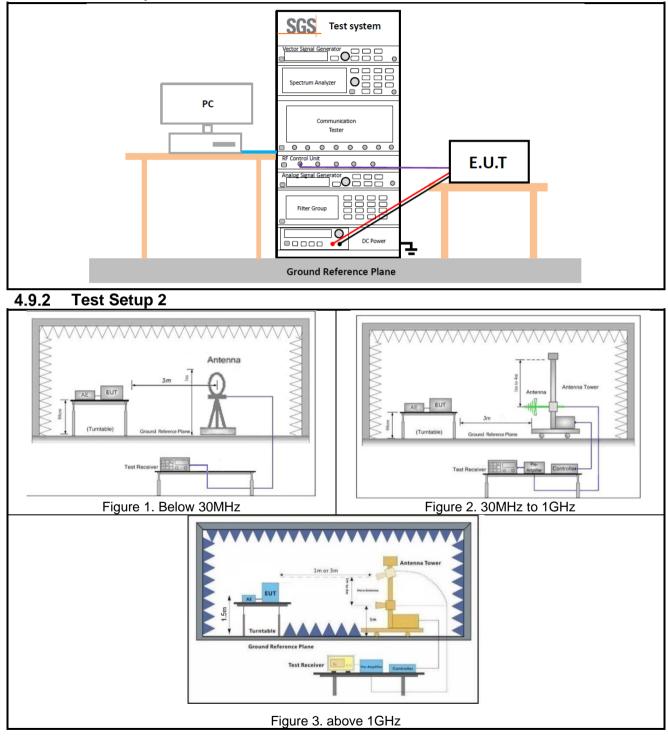
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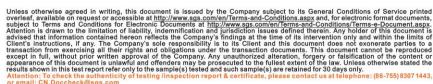
4.9 Test Setups

4.9.1 **Test Setup 1**

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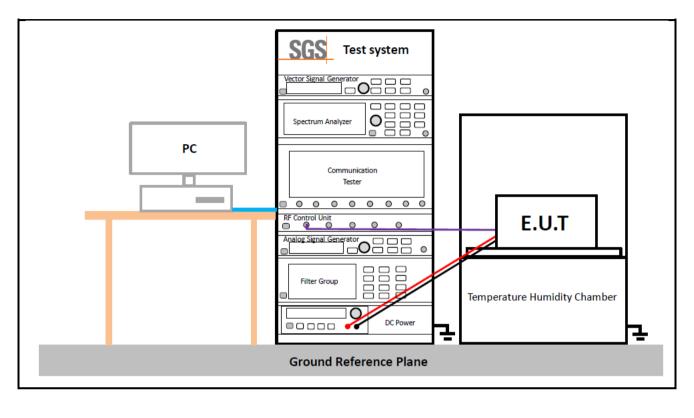
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4.9.3 Test Setup 3





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4.10 Test Conditions

	Transmit Output Power Data - Average Power, Total
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 1
RF Channels (TX)	L, M, H (L= low channel, M= middle channel, H= high channel)
Test Mode	NR/TM1; NR/TM2; NR/TM3; NR/TM4; NR/TM5; NR/TM6; NR/TM7; NR/TM8; NR/TM9
	Peak-to-Average Ratio
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 1
RF Channels (TX)	L, M, H (L= low channel, M= middle channel, H= high channel)
Test Mode	NR/TM5; NR/TM9
	Modulation Characteristics
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 1
RF Channels (TX)	M (M= middle channel)
Test Mode	NR/TM1; NR/TM2; NR/TM3; NR/TM4; NR/TM5; NR/TM6; NR/TM7; NR/TM8; NR/TM9
	Bandwidth - Occupied Bandwidth
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 1
RF Channels (TX)	L, M, H (L= low channel, M= middle channel, H= high channel)
Test Mode	NR/TM1; NR/TM2; NR/TM3; NR/TM4; NR/TM5; NR/TM6; NR/TM7; NR/TM8; NR/TM9
	Bandwidth - Emission Bandwidth
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 1
RF Channels (TX)	L, M, H (L= low channel, M= middle channel, H= high channel)
Test Mode	NR/TM1; NR/TM2; NR/TM3; NR/TM4; NR/TM5; NR/TM6; NR/TM7; NR/TM8; NR/TM9
1	



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	Band Edges Compliance
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 1
RF Channels (TX)	L, H (L= low channel, H= high channel)
Test Mode	NR/TM1; NR/TM6
	Spurious Emission at Antenna Terminals
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 1
RF Channels (TX)	L, M, H (L= low channel, M= middle channel, H= high channel)
Test Mode	NR/TM1
	Field Strength of Spurious Radiation
Test Case	Test Conditions
Test Environment	Ambient Climate & Rated Voltage
Test Setup	Test Setup 2
RF Channels (TX)	L, M, H (L= low channel, M= middle channel, H= high channel)
Test Mode	NR/TM1 Remark: If applicable, the EUT conf. that has maximum power density (based on the equivalent power level) is selected.
	Frequency Stability
Test Case	Test Conditions
Test Environment	 (1) -30 °C to +50 °C with step 10 °C at Rated Voltage (2) VL, VN and VH of Rated Voltage at Ambient Climate.
Test Setup	Test Setup 3
RF Channels (TX)	M (M= middle channel)
Test Mode	NR/TM1; NR/TM6



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5 Main Test Instruments

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RF conducted test							
				Cal. date	Cal.Due date		
Test Equipment	Manufacturer	Model No.	Inventory No.	(yyyy/mm/dd)	(yyyy/mm/dd)		
Shielding Room	Brilliant-emc	N/A	SUWI-04-01-06	2021/05/08	2024/05/07		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-07	2022/02/16	2023/02/15		
Signal Analyzer	ROHDE&SCHWARZ	FSV3030	SUWI-01-02-02	2022/05/17	2023/05/16		
Measurement Software	Tonscend	JS1120-3 Test System V 2.6.88.0336	SUWI-02-09-09	NCR	NCR		
Radio Communication Analyzer	Anritsu	MT8821C	SUWI-01-26-03	2021/12/04	2022/12/03		
Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-05	2022/02/14	2023/02/13		
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	2022/02/15	2023/02/14		
Temperature Chamber	ESPEC	SU-242	SUWI-01-13-01	2022/02/15	2023/02/14		
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2022/05/28	2023/05/27		
Wideband Radio Communication Tester station*	Anritsu	MT8000A	SUWI-01-34-02	2022/09/16	2023/09/15		

*Note: This equipment was not used for testing before 2022/09/16.



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		RSE Test Sy	/stem				
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date (yyyy/mm/dd)	Cal Due Date (yyyy/mm/dd)		
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	2021/05/08	2024/05/07		
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2022/02/16	2023/02/15		
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	2022/05/28	2023/05/27		
Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-05	2021/12/04	2022/12/03		
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	2022/02/19	2023/02/18		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	VULB 9163	SUWI-01-11-01	2021/05/16	2023/05/15		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	2021/05/16	2023/05/15		
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9170	SUWI-01-11-03	2021/05/14	2023/05/13		
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	2022/02/14	2023/02/13		
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	2022/02/14	2023/02/13		
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	2022/02/19	2023/02/18		
Active Loop Antenna	SCHWRZBECK MESS- ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	2021/06/10	2023/06/09		
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	SUWI-01-04-01	2022/02/20	2023/02/19		
Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	2021/12/04	2022/12/03		
Measurement Software	Tonscend	JS32-RSE V4.0.0.0	SUWI-02-09-06	NCR	NCR		



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Measurement Uncertainty 6

For a 95% confidence level (k = 2), the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.54dB
2	RF power density, conducted	±1.03dB
3	Spurious emissions, conducted	±0.54dB
4	Radio Frequency	±1.0 %
5	Duty Cycle	±0.37%
6	Occupied Bandwidth	±1.0 %
7	Radiated Emission	± 3.13dB (9k -30MHz)
		± 4.8dB (30M -1GHz)
		± 4.8dB (1GHz to 18 GHz)
		± 4.8dB (Above 18GHz)

Remark:

S

The U_{lab} (lab Uncertainty) is less than U_{cisp/ETSI} (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;

– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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7 Appendixes

Appendix A.3	WWAN Setup Photos
Appendix B.18	NR Band n5
Appendix B.19	NR Band n7
Appendix B.20	NR Band n38
Appendix B.21	NR Band n41
Appendix B.22	NR Band n66
Appendix B.23	NR Band n77(3450-3550)
Appendix B.24	NR Band n77(3700-3980)
Appendix B.25	NR Band n78(3450-3550)
Appendix B.26	NR Band n78(3700-3800)

---End of Report---



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