

Report No.: XAR/2021/3000901

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**FCC TEST REPORT** 

Application No.: XAR/2021/30009

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.:** M1908C3JGG

Brand mark: Redmi

FCC ID: 2AFZZC3JGG Standards: 47 CFR Part 2

47 CFR Part 22 subpart H 47 CFR Part 24 subpart E 47 CFR Part 27 subpart C

Test Method: FCC KDB 971168 D01 Power Meas License Digital Systems V03r01

C63.26 (2015)

**Date of Receipt:** 2021/3/12

**Date of Test:** 2021/3/12 to 2021/4/2

Date of Issue: 2021/4/2
Test Result : PASS \*

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

Authorized Signature:

Derek Yang Wireless Laboratory Manager

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Wireless Laboration Services で an Co., Ltd.

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### 1 Version

	Revision Record				
Version	Chapter	Date	Modifier	Remark	
01		2021-04-02		Original	

Authorized for issue by:		
Prepared By	(Bo Feng) /Project Engineer	
Checked By	Jamy M (Jimmy zhu) /Reviewer	



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### 2 Test Summary

### 2.1 GSM850/UMTS Band 5 & LTE Band 5

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Field Strength Spurious Radia		FCC: ≤ -13 dBm/100 kHz.	Section 1 of Appendix B	Pass

### 2.2 GSM 1900/UMTS Band 2 /LTE Band 2

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Field Strength of Spurious Radiation	§2.1053, §24.238	≤ -13 dBm/1 MHz.	Section 1 of Appendix B	Pass

### 2.3 UMTS Band 4 /LTE Band 4

	Test Item	FCC Rule No.	Requirements	Test Result	Verdict
5	Field Strength of Spurious Radiation	§2.1053, §27.53(h)	≤ -13 dBm/1 MHz.	Section 1 of Appendix B	Pass

### 2.4 LTE Band 7/38/CA\_7C/ CA\_38C

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Field Strength of Spurious Radiation	§2.1053, §27.53(m)	Channel Edge  -25dBm/ 1 MHz 1 MHz 1 MHz 9 kHz 95 MHz XMHz 10th harmonics X=Max {6MHz, EBW}	Section 1 of Appendix B	Pass



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### 3 General Information

### 3.1 Details of Client

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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 (XI 'AN) CO., LTD.
Address:	1/F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi China
Post code:	710086

### 3.3 Test Facility

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

### A2LA (Certificate No. 4854.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (XI 'AN) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4854.01.

Designation Number: CN1271.



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### 3.4 General Description of EUT

EUT Description:	Mobile Phone	
Model No.:	M1908C3JGG	
Brand mark:	Redmi	
Hardware Version:	P1	
Software Version:	MIUI12.5	
Sample Type:	⊠ Portable Device, ☐Module	
Antenna Type:	PIFA Antenna	
Antenna Gain:	GSM850: -3.61dBi(ANT1); GSM1900: -1dBi(ANT1); WCDMA Band II: -1dBi(ANT1); -5.7dBi(ANT2); WCDMA Band IV: -0.5dBi(ANT1); -4.3dBi(ANT2); WCDMA Band V: -3.61dBi(ANT1); -5dBi(ANT2); LTE Band 2: -1dBi(ANT1); -5.7dBi(ANT2); LTE Band 4: -0.5dBi(ANT1); -4.3dBi(ANT2); LTE Band 5: -3.61dBi(ANT1); -5dBi(ANT2); LTE Band 7: -0.4dBi(ANT1); -1.4dBi(ANT2); LTE Band 38: 0.7dBi(ANT1); 1dBi(ANT2); LTE CA_7C:-0.4dBi(ANT1); -1.4dBi(ANT2); LTE CA_38C: 0.7dBi(ANT1); 1dBi(ANT2);	

### 3.5 Test Mode

Test Mode	Test Modes Description
GSM/TM1	GSM system, GSM/GPRS, GMSK modulation
GSM/TM2	GSM system, EGPRS, 8PSK modulation
UMTS/TM1	UMTS system, WCDMA, QPSK modulation
LTE/TM1	LTE system, QPSK modulation
LTE/TM2	LTE system, 16QAM modulation

Remark: The test mode(s) are selected according to relevant radio technology specifications.



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### 3.6 Test Environment

Operating Environment:		
Humidity:	50 % RH	
Atmospheric Pressure:	101.3	30 KPa
Temperature	NT	25 °C
	LV	3.6V
Voltage:	NV	3.85V
	HV	4.4V

Remark: LV= lower extreme test voltage; NV= nominal voltage HV= upper extreme test voltage; NT= normal temperature

### 3.7 Technical Specification

Characteristics	Description					
	⊠ GSM					
Radio System Type	□ UMTS					
	Band	TX	RX			
	GSM850	824 to 849 MHz	869 to 894 MHz			
	GSM1900	1850 to 1910 MHz	1930 to 1990 MHz			
	UMTS Band II 1850 to 1910 MHz		1930 to 1990 MHz			
	UMTS Band IV	1710 to 1755 MHz	2110 to 2155 MHz			
	UMTS Band V	824 to 849 MHz	869 to 894 MHz			
Supported Frequency Range	LTE Band 2	1850 to 1910 MHz	1930 to 1990 MHz			
	LTE Band 4	1710 to 1755 MHz	2110 to 2155 MHz			
	LTE Band 5	824 to 849 MHz	869 to 894 MHz			
	LTE Band 7	2500 to 2570 MHz	2620 to 2690 MHz			
	LTE Band 38	2570 to 2620 MHz	2570 to 2620 MHz			
	LTE CA_7C	2500 to 2570 MHz	2620 to 2690 MHz			
	LTE CA_38C	2570 to 2620 MHz	2570 to 2620 MHz			



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### 3.8 Test Frequencies

Test Mode	TX / RX	RF Channel					
rest Mode	IA/NA	Low (L)	Middle (M)	High (H)			
	TX	Channel 128	Channel 190	Channel 251			
CCMOEO	1.7	824.2MHz	836.6 MHz	848.8 MHz			
GSM850	DV	Channel 128	Channel 190	Channel 251			
	RX	869.2 MHz	881.6 MHz	893.8 MHz			

Test Mode	TY / DY	TX / RX RF Channel					
1 63t Mode		Low (L)	Middle (M)	High (H)			
	TX	Channel 512	Channel 661	Channel 810			
CSM1000		1850.2MHz	1880.0 MHz	1909.8 MHz			
GSM1900 -	DV	Channel 512	Channel 661	Channel 810			
	RX	1930.2 MHz	1960.0 MHz	1989.8 MHz			

Test Mode	TX / RX		RF Channel	
rest wode	IA/NA	Low (L)	Middle (M)	High (H)
	TX	Channel 9262		Channel 9538
WCDMA Band II	1.	1852.4 MHz	1880.0 MHz	1907.6 MHz
WCDIVIA Dallu II	RX	Channel 9662		Channel 9938
		1932.4 MHz	1960.0 MHz	1987.6 MHz

Test Mode	TX / RX		RF Channel	
1 63t Mode	IA/IX	Low (L)	Middle (M)	High (H)
		Channel 1312	Channel 1413	Channel 1513
MCDMA Bond IV	TX	1712.4MHz	1732.6 MHz	1752.6 MHz
WCDMA Band IV —	DV	Channel 1537	Channel 1638	Channel 1738
	RX	2112.4 MHz	2132.6 MHz	2152.6 MHz

Test Mode	TX / RX		RF Channel	
rest wode	IX/IX	Low (L)	Middle (M)	High (H)
	TX	Channel 4132		Channel 4233
WCDMA Band V	1^	826.4MHz	836.4 MHz	846.6 MHz
VVCDIVIA Ballu V	RX	Channel 4357		Channel 4458
		871.4 MHz	881.4 MHz	891.6 MHz



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Test Mode	Bandwidth	TX / RX		RF Channel	
rest ivioue	Danuwiuin	IA/KA	Low (L)	Middle (M)	High (H)
			Channel 18607	Channel 18900	Channel 19193
		TX	1850.7 MHz	1880 MHz	1909.3 MHz
	1.4MHz	RX	Channel 607	Channel 900	Channel 1193
		KA	1930.7 MHz	1960 MHz	1989.3 MHz
			Channel 18615	Channel 18900	Channel 19185
		TX	1851.5 MHz	1880 MHz	1908.5 MHz
	3MHz	RX	Channel 615	Channel 900	Channel 1185
		KA	1931.5 MHz	1960 MHz	1988.5 MHz
			Channel 18625	Channel 18900	Channel 19175
	5MHz	TX	1852.5 MHz	1880 MHz	1907.5 MHz
		DV	Channel 625	Channel 900	Channel1175
LTE Daniel O		RX	1932.5 MHz	1960 MHz	1987.5 MHz
LTE Band 2			Channel 18650	Channel 18900	Channel 19150
		TX	1855 MHz	1880 MHz	1905 MHz
	10MHz	RX	Channel 650	Channel 900	Channel 1150
		NΛ	1935 MHz	1960 MHz	1985 MHz
			Channel 18675	Channel 18900	Channel 19125
		TX	1857.5 MHz	1880 MHz	1902.5 MHz
	15MHz	RX	Channel 675	Channel 900	Channel 1125
		1070	1937.5 MHz	1960 MHz	1982.5 MHz
			Channel 18700	Channel 18900	Channel 19100
		TX	1860 MHz	1880 MHz	1900 MHz
	20MHz	RX	Channel 700	Channel 900	Channel 1100
		KΛ	1940 MHz	1960 MHz	1980 MHz



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Took Mode	Donalis dala	TV / DV		RF Channel	
Test Mode	Bandwidth	TX / RX	Low (L)	Middle (M)	High (H)
			Channel 19957	Channel 20175	Channel 20393
	1.4MHz	TX	1710.7 MHz	1732.5 MHz	1754.3 MHz
		DV	Channel 1975	Channel 2175	Channel 2375
		RX	2112.5 MHz	2132.5MHz	2152.5 MHz
			Channel 19965	Channel 20175	Channel 20385
		TX	1711.5 MHz	1732.5 MHz	1753.5 MHz
	3MHz	RX	Channel 2000	Channel 2175	Channel 2350
		KΛ	2115 MHz	2132.5MHz	2150 MHz
			Channel 19975	Channel 20175	Channel 20375
		TX	1712.5 MHz	1732.5 MHz	1752.5 MHz
	5MHz	RX	Channel 1975	Channel 2175	Channel 2375
LTC Daniel 4			2112.5 MHz	2132.5MHz	2152.5 MHz
LTE Band 4			Channel 20000	Channel 20175	Channel 20350
		TX	1715 MHz	1732.5 MHz	1750 MHz
	10MHz	RX	Channel 2000	Channel 2175	Channel 2350
		KΛ	2115 MHz	2132.5MHz	2150 MHz
			Channel 20025	Channel 20175	Channel 20325
		TX	1717.5 MHz	1732.5 MHz	1747.5 MHz
	15MHz	RX	Channel 2025	Channel 2175	Channel 2325
		107	2117.5 MHz	2132.5MHz	2147.5 MHz
			Channel 20050	Channel 20175	Channel 20300
		TX	1720 MHz	1732.5 MHz	1745 MHz
	20MHz	DV	Channel 2050	Channel 2175	Channel 2300
		RX		2132.5MHz	2145 MHz

Took Mode	Donada ai alth	TV / DV		RF Channel	
Test Mode	Bandwidth	TX / RX	Low (L)	Middle (M)	High (H)
			Channel 20407	Channel 20525	Channel 20643
		TX	824.7 MHz	836.5 MHz	848.3 MHz
	1.4MHz	RX	Channel 2407	Channel 2525	Channel 2643
		KΛ	869.7 MHz	881.5 MHz	893.3 MHz
	3MHz		Channel 20415	Channel 20525	Channel 20635
		TX	825.5 MHz	836.5 MHz	847.5 MHz
		RX	Channel 2415	Channel 2525	Channel 2635
			870.5 MHz	881.5 MHz	892.5 MHz
LTE Band 5		TX	Channel 20425	Channel 20525	Channel 20625
	CAN L		826.5 MHz	836.5 MHz	846.5 MHz
	5MHz	RX	Channel 2425	Channel 2525	Channel 2625
		KΛ	871.5 MHz	881.5 MHz	891.5 MHz
			Channel 20450	Channel 20525	Channel 20600
	10MHz	TX	829 MHz	836.5 MHz	844 MHz
		RX	Channel 2450	Channel 2525	Channel 2600
		IVA	874 MHz	881.5 MHz	889 MHz



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Toot Mode	Donduidth	TV / DV		RF Channel	
Test Mode	Bandwidth	TX / RX	Low (L)	Middle (M)	High (H)
			Channel 20775	Channel 21100	Channel 21425
		TX	2502.5 MHz	2535 MHz	2567.5 MHz
	5MHz	RX	Channel 2775	Channel 3100	Channel 5825
		KΛ	2622.5 MHz	2655 MHz	2687.5 MHz
	10MHz		Channel 20800	Channel 21100	Channel 21400
		TX		2535 MHz	2565 MHz
		RX	Channel 2800	Channel 3100	Channel 3400
LTC D			2625 MHz	2655 MHz	2685 MHz
LTE Band 7			Channel 20825	Channel 21100	Channel 21375
	458411	TX	2507.5 MHz	2535 MHz	2562.5 MHz
	15MHz	DV	Channel 2825	Channel 3100	Channel 3375
		RX	2627.5 MHz	2655 MHz	2682.5 MHz
	_		Channel 20850	Channel 21100	Channel 21350
	20MHz	TX	2510 MHz	2535 MHz	2560 MHz
		RX	Channel 2850	Channel 3100	Channel 3350
		ľΛ	2630 MHz	2655 MHz	2680 MHz

Test Mode	Bandwidth	Don dwidth TV / DV		RF Channel				
Test Mode	Danuwiuin	TX / RX	Low (L)	Middle (M)	High (H)			
	5MHz	TX/RX	Channel 37775	Channel38000	Channel 38225			
	SIVIEZ	IA/IX	2572.5 MHz	2595 MHz	2617.5 MHz			
	10MHz	10MHz TX/RX	Channel 37800	Channel38000	Channel 38200			
LTE Band 38			2575 MHz	2595 MHz	2615 MHz			
LIE Dallu 30	15MHz	TX/RX	Channel 37825	Channel38000	Channel 38175			
	TOIVIEZ	IA/IX	2577.5 MHz	2595 MHz	2612.5 MHz			
	20141.1-	20MHz TX/RX	Channel 37850	Channel38000	Channel 38150			
	20MHz	IAINA	2580 MHz	2595 MHz	2610 MHz			



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Table 4.3.1.1.7A-1: Test frequencies for CA\_7C

Range	CC-Combo / N <sub>RB_agg</sub> [RB]		CC1 Note1				CC2 Note1				
		BW [RB]	NuL	f <sub>UL</sub> [MHz]	N <sub>DL</sub>	f <sub>DL</sub> [MHz]	BW [RB]	NuL	f∪∟ [MHz]	N <sub>DL</sub>	f <sub>DL</sub> [MHz]
Low	50+100	50	20805	2505.5	2805	2625.5	100	20949	2519.9	2949	2639.9
		100	20850	2510	2850	2630	50	20994	2524.4	2994	2644.4
	75+50	75	20825	2507.5	2825	2627.5	50	20945	2519.5	2945	2639.5
	75+75	75	20825	2507.5	2825	2627.5	75	20975	2522.5	2975	2642.5
	75+100	75	20828	2507.8	2828	2627.8	100	20999	2524.9	2999	2644.9
		100	20850	2510	2850	2630	75	21021	2527.1	3021	2647.1
	100+100	100	20850	2510	2850	2630	100	21048	2529.8	3048	2649.8
Mid	50+100	50	21006	2525.6	3006	2645.6	100	21150	2540	3150	2660
		100	21051	2530.1	3051	2650.1	50	21195	2544.5	3195	2664.5
	75+50	75	21051	2530.1	3051	2650.1	50	21171	2542.1	3171	2662.1
	75+75	75	21025	2527.5	3025	2647.5	75	21175	2542.5	3175	2662.5
İ	75+100	75	21003	2525.3	3003	2645.3	100	21174	2542.4	3174	2662.4
		100	21026	2527.6	3026	2647.6	75	21197	2544.7	3197	2664.7
	100+100	100	21001	2525.1	3001	2645.1	100	21199	2544.9	3199	2664.9
High	50+100	50	21206	2545.6	3206	2665.6	100	21350	2560	3350	2680
		100	21251	2550.1	3251	2670.1	50	21395	2564.5	3395	2684.5
	75+50	75	21277	2552.7	3277	2672.7	50	21397	2564.7	3397	2684.7
	75+75	75	21225	2547.5	3225	2667.5	75	21375	2562.5	3375	2682.5
	75+100	75	21179	2542.9	3179	2662.9	100	21350	2560	3350	2680
		100	21201	2545.1	3201	2665.1	75	21372	2562.2	3372	2682.2
ļ	100+100	100	21152	2540.2	3152	2660.2	100	21350	2560	3350	2680
Note 1:	Carriers in inc	reasing f	requency	order.							

Table 4.3.1.2.6A-1: Test frequencies for CA\_38C

Range	CC- Combo / NRB_agg [RB]		CC1 Note1			CC2 Note1	
		BW [RB]	N <sub>UL/DL</sub>	ful/bl [MHz]	BW [RB]	N <sub>UL/DL</sub>	f <sub>UL/DL</sub> [MHz]
Low	75+75	75	37825	2577.5	75	37975	2592.5
	100+100	100	37850	2580	100	38048	2599.8
Mid	75+75	75	37925	2587.5	75	38075	2602.5
	100+100	100	37901	2585.1	100	38099	2604.9
High	75+75	75	38025	2597.5	75	38175	2612.5
	100+100	100	37952	2590.2	100	38150	2610
Note 1:	Carriers in increasing frequency order.						



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### **Description of Tests**

### 4.1 Field Strength of Spurious Radiation

Measurement Procedure: FCC KDB 971168 D01 V03r01

#### 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). The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter.
- 5). A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 2) is obtained for this set of conditions.
- 6). The output power into the substitution antenna was then measured.
- 7). Steps 5) and 6) were repeated with both antennas polarized.
- 8) Calculate power in dBm by the following formula:

ERP(dBm) = Pg(dBm) - cable loss (dB) + antenna gain (dBd)

Pd is the dipole equivalent power, Pg is the generator output into the substitution antenna, and the antenna gain is the gain of the substitute antenna used relative to either a half-wave dipole (dBd) or an isotropic source (dBi). The substitute level is equal to Pq [dBm] - cable loss [dB]. The calculated Pd levels are then compared to the absolute spurious emission limit of -13dBm which is equivalent to the required minimum attenuation of 43 + 10log10(Power [Watts]).

#### 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:

EIRP(dBm) = Pg(dBm) - cable loss (dB) + antenna gain (dBi)

EIRP=ERP+2.15dB

#### Where:

Pg is the generator output power into the substitution antenna.

- 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



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Remark2: The emission below 18G were measured at a 3m test distance, while emissions above 18GHz were measured at a 1m test distance.

#### **Test Settings:**

- 1. RBW=100kHz for emission below 1GHz and 1MHz for emission above 1GHz
- 2. VBW≥3\*RBW
- 3. Number of sweep point ≥ 2\*span/RBW
- 4. Detector=RMS
- 5. Trace mode=Average (Max Hold for pulsed emissions)
- 6. The trace was allowed to stabilize

### 4.2 Test Setups

### 4.2.1 Test Setup 2

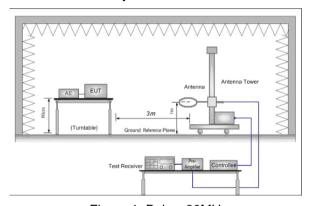
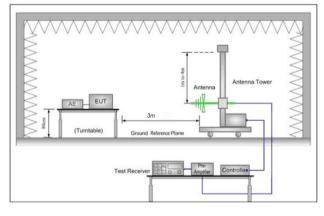


Figure 1. Below 30MHz





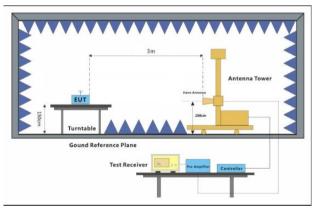


Figure 3. above 1GHz



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### 4.3 Test Conditions

Test Case	Test Conditions		
	Test Environment	Ambient Climate & Rated Voltage	
	Test Setup	Test Setup 2	
Field Strength of Spurious Radiation	Test Mode	GSM/TM1;GSM/TM2;UMTS/TM1; LTE/TM1;LTE/TM2 Remark: If applicable, the EUT conf. that has maximum power density (based on the equivalent power level) is selected.	
	RF Channels (TX)	L, M, H (L= low channel, M= middle channel, H= high channel)	

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### 5 Main Test Instruments

RSE&RE&CE Test System					
Equipment	Manufacturer	Model No.	Cal Date	Cal Due Date	Inventory No.
Semi-Anechoic Chamber	Brilliant-emc	966	NCR	NCR	XAW03-35-01
MXA signal analyzer	Keysight	N9020A	2020-04-02	2021-04-02	XAW01-06-01
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	2020-04-02	2021-04-02	XAW01-03-02
Test receiver	ROHDE&SCHWARZ	ESR	2020-09-11	2021-09-10	XAW01-08-01
Receiving antenna	Rosenberger	VULB 9163	2019-10-13	2021-10-12	XAW01-09-01
Receiving antenna	Rosenberger	BBHA 9120D	2019-10-13	2021-10-12	XAW01-09-02
Receiving antenna	Rosenberger	BBHA 9170	2019-10-13	2021-10-12	XAW01-09-03
Directional antenna rack controller	Max-Full	MF-7802BS	NCR	NCR	XAW03-03-01
High-speed antenna rack controller	Max-Full	MF-7802	NCR	NCR	XAW03-04-01
Filter bank	Tonscend	JS0806-F	NCR	NCR	XAW03-05-01
Filter bank	Tonscend	JS0806s	NCR	NCR	XAW03-05-02
Amplifier	Tonscend	TAP00903040	2020-10-26	2021-10-25	XAW01-41-01
Amplifier	Tonscend	TAP01018048	2020-10-26	2021-10-25	XAW01-41-02
Amplifier	Tonscend	TAP18040048	2020-10-26	2021-10-25	XAW01-41-03
Amplifier	Shanghai Steed	YX28980930	2020-10-26	2021-10-25	XAW01-41-06
Artificial network	ROHDE&SCHWARZ	ENV216	2020-08-04	2021-08-03	XAW01-19-02
Temperature and humidity meter	MingGao	TH101B	2020-06-11	2021-05-11	XAW01-01-01
Measurement Software	Tonscend	TS+ RSE&RE	NCR	NCR	XAW02-05-01
Measurement Software	Tonscend	TS+ CE	NCR	NCR	XAW02-05-02



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### **6 Measurement Uncertainty**

For a 95% confidence level (k = 2), the measurement expanded uncertainties for defined systems, in

accordance with the recommendations of ISO 17025 as following:

and the same of th				
Test Item	Extended Uncertainty	Data		
Field Strength of Spurious Radiation	ERP[dBm]/EIRP [dBm]	±4.8dB (30MHz-1GHz) ±5.2dB (1GHz-6GHz) ±5.5dB (6GHz-18GHz) ±5.02dB (18GHz-40GHz)		



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### 7 Appendixes

Appendix A	Setup Photos
Appendix B.10	RSE for GSM
Appendix B.11	RSE for WCDMA
Appendix B.12	RSE for LTE

The End



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