

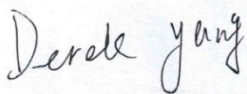
FCC TEST REPORT

Application No.: XAR/2021/10008
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.: M2103K19G / M2103K19PG
Trade Mark: Redmi / POCO
FCC ID: 2AFZZK19G
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: 2021/2/8
Date of Test: 2021/2/8 to 2021/3/26
Date of Issue: 2021/3/27

Test Result :	PASS *
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* 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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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

V/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-03-27		Original

Authorized for issue by:			
Prepared By	 (Ben Huang) /Project Engineer		
Checked By	 (Jimmy zhu) /Reviewer		



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Contents

1	Version	2
2	Test Summary	4
2.1	GSM850/UMTS Band 5 & LTE Band 5	4
2.2	GSM 1900/UMTS Band 2 /LTE Band 2.....	4
2.3	UMTS Band 4 /LTE Band 4 /66.....	4
2.4	LTE Band 7/38/41/CA_7C/ CA_38C	4
2.5	LTE Band 12/17	4
3	General Information.....	5
3.1	Details of Client.....	5
3.2	Test Location	5
3.3	Test Facility	5
3.4	General Description of EUT	6
3.5	Test Mode	6
3.6	Test Environment.....	7
3.7	Technical Specification	7
3.8	Test Frequencies	8
4	Description of Tests.....	15
4.1	Field Strength of Spurious Radiation.....	15
4.2	Test Setups.....	16
4.2.1	Test Setup 2	16
4.3	Test Conditions	17
5	Main Test Instruments	18
6	Measurement Uncertainty	19
7	Appendixes.....	20



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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 of Spurious Radiation	§2.1053, §22.917	FCC: ≤ -13 dBm/100 kHz.	Section 1 of Appendix B	Pass

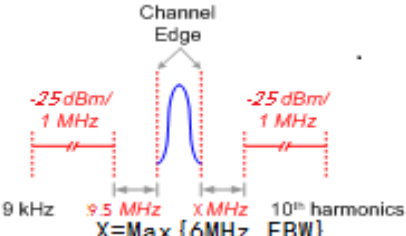
2.2 GSM 1900/UMTS Band 2 /LTE Band 2

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 /66

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

2.4 LTE Band 7/38/41/CA_7C/ CA_38C

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Field Strength of Spurious Radiation	§2.1053, §27.53(m)		Section 1 of Appendix B	Pass

2.5 LTE Band 12/17

Test Item	FCC Rule No.	Requirements	Test Result	Verdict
Field Strength of Spurious Radiation	§2.1053, §27.53(g)	FCC: ≤ -13 dBm/100 kHz.	Section 1 of Appendix B	Pass

Note: The differences between M2103K19G (K19) and M2103K19PG (K19P) are as below:

Model name	Brand Name	rear cover
M2103K19G	Redmi	The material is the same, drawing is different, laser engraving is different
M2103K19PG	POCO	

Except listings above, the others are all the same as previous version.

Based on the above differences, the main test only performs M2103K19G

3 General Information

3.1 Details of Client

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 (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.:	M2103K19G / M2103K19PG
Trade Mark:	Redmi / POCO
Hardware Version:	P2
Software Version:	MIUI 12
Sample Type:	☒ Portable Device, ☐ Module
Antenna Type:	PIFA Antenna
Antenna Gain:	GSM850: -2.9dBi(ANT1); -3.1dBi(ANT4); GSM1900: 0.23dBi(ANT1); -4.2dBi(ANT4); WCDMA Band II: 0.23dBi(ANT1); -4.2dBi(ANT4); WCDMA Band IV: -2.39dBi(ANT1); -2.4dBi(ANT4); WCDMA Band V: -2.9dBi(ANT1); -3.1dBi(ANT4); LTE Band 2: 0.23dBi(ANT1); -4.2dBi(ANT4); LTE Band 4: -2.39dBi(ANT1); -2.4dBi(ANT4); LTE Band 5: -2.9dBi(ANT1); -3.1dBi(ANT4); LTE Band 7: 3.09dBi(ANT1); -1.7dBi(ANT4); LTE Band 12: -8.5dBi(ANT1); -4.2dBi(ANT4); LTE Band 17: -8.5dBi(ANT1); -4.2dBi(ANT4); LTE Band 38: 3.05dBi(ANT1); -2dBi(ANT4); LTE Band 41: 3.14dBi(ANT1); -1.6dBi(ANT4); LTE Band 66: -2.39dBi(ANT1); -2.4dBi(ANT4); LTE CA_7C: 3.09dBi(ANT1); -1.7dBi(ANT4); LTE CA_38C: 3.05dBi(ANT1); -2dBi(ANT4);

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
LTE/TM3	LTE system, 64QAM modulation

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



3.6 Test Environment

Operating Environment:			
Humidity:	50 % RH		
Atmospheric Pressure:	101.30 KPa		
Temperature	NT	25 °C	
Voltage:	LV	3.6V	
	NV	3.87V	
	HV	4.45V	

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

3.7 Technical Specification

Characteristics	Description		
Radio System Type	☒ GSM		
	☒ UMTS		
	☒ LTE		
Supported Frequency Range	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
	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 12	699 to 716 MHz	729 to 746 MHz
	LTE Band 17	704 to 716 MHz	734 to 746 MHz
	LTE Band 38	2570 to 2620 MHz	2570 to 2620 MHz
	LTE Band 41	2496 to 2690MHz	2496 to 2690MHz
	LTE Band 66	1710 to 1780 MHz	2110 to 2200 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		
		Low (L)	Middle (M)	High (H)
GSM850	TX	Channel 128	Channel 190	Channel 251
		824.2MHz	836.6 MHz	848.8 MHz
	RX	Channel 128	Channel 190	Channel 251
		869.2 MHz	881.6 MHz	893.8 MHz

Test Mode	TX / RX	RF Channel		
		Low (L)	Middle (M)	High (H)
GSM1900	TX	Channel 512	Channel 661	Channel 810
		1850.2MHz	1880.0 MHz	1909.8 MHz
	RX	Channel 512	Channel 661	Channel 810
		1930.2 MHz	1960.0 MHz	1989.8 MHz

Test Mode	TX / RX	RF Channel		
		Low (L)	Middle (M)	High (H)
WCDMA Band II	TX	Channel 9262	Channel 9400	Channel 9538
		1852.4 MHz	1880.0 MHz	1907.6 MHz
	RX	Channel 9662	Channel 9800	Channel 9938
		1932.4 MHz	1960.0 MHz	1987.6 MHz

Test Mode	TX / RX	RF Channel		
		Low (L)	Middle (M)	High (H)
WCDMA Band IV	TX	Channel 1312	Channel 1413	Channel 1513
		1712.4MHz	1732.6 MHz	1752.6 MHz
	RX	Channel 1537	Channel 1638	Channel 1738
		2112.4 MHz	2132.6 MHz	2152.6 MHz

Test Mode	TX / RX	RF Channel		
		Low (L)	Middle (M)	High (H)
WCDMA Band V	TX	Channel 4132	Channel 4182	Channel 4233
		826.4MHz	836.4 MHz	846.6 MHz
	RX	Channel 4357	Channel 4407	Channel 4458
		871.4 MHz	881.4 MHz	891.6 MHz



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Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 2	1.4MHz	TX	Channel 18607	Channel 18900	Channel 19193
			1850.7 MHz	1880 MHz	1909.3 MHz
		RX	Channel 607	Channel 900	Channel 1193
			1930.7 MHz	1960 MHz	1989.3 MHz
	3MHz	TX	Channel 18615	Channel 18900	Channel 19185
			1851.5 MHz	1880 MHz	1908.5 MHz
		RX	Channel 615	Channel 900	Channel 1185
			1931.5 MHz	1960 MHz	1988.5 MHz
	5MHz	TX	Channel 18625	Channel 18900	Channel 19175
			1852.5 MHz	1880 MHz	1907.5 MHz
		RX	Channel 625	Channel 900	Channel 1175
			1932.5 MHz	1960 MHz	1987.5 MHz
	10MHz	TX	Channel 18650	Channel 18900	Channel 19150
			1855 MHz	1880 MHz	1905 MHz
		RX	Channel 650	Channel 900	Channel 1150
			1935 MHz	1960 MHz	1985 MHz
	15MHz	TX	Channel 18675	Channel 18900	Channel 19125
			1857.5 MHz	1880 MHz	1902.5 MHz
		RX	Channel 675	Channel 900	Channel 1125
			1937.5 MHz	1960 MHz	1982.5 MHz
	20MHz	TX	Channel 18700	Channel 18900	Channel 19100
			1860 MHz	1880 MHz	1900 MHz
		RX	Channel 700	Channel 900	Channel 1100
			1940 MHz	1960 MHz	1980 MHz



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Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 4	1.4MHz	TX	Channel 19957	Channel 20175	Channel 20393
			1710.7 MHz	1732.5 MHz	1754.3 MHz
		RX	Channel 1975	Channel 2175	Channel 2375
			2112.5 MHz	2132.5MHz	2152.5 MHz
	3MHz	TX	Channel 19965	Channel 20175	Channel 20385
			1711.5 MHz	1732.5 MHz	1753.5 MHz
		RX	Channel 2000	Channel 2175	Channel 2350
			2115 MHz	2132.5MHz	2150 MHz
	5MHz	TX	Channel 19975	Channel 20175	Channel 20375
			1712.5 MHz	1732.5 MHz	1752.5 MHz
		RX	Channel 1975	Channel 2175	Channel 2375
			2112.5 MHz	2132.5MHz	2152.5 MHz
	10MHz	TX	Channel 20000	Channel 20175	Channel 20350
			1715 MHz	1732.5 MHz	1750 MHz
		RX	Channel 2000	Channel 2175	Channel 2350
			2115 MHz	2132.5MHz	2150 MHz
	15MHz	TX	Channel 20025	Channel 20175	Channel 20325
			1717.5 MHz	1732.5 MHz	1747.5 MHz
		RX	Channel 2025	Channel 2175	Channel 2325
			2117.5 MHz	2132.5MHz	2147.5 MHz
	20MHz	TX	Channel 20050	Channel 20175	Channel 20300
			1720 MHz	1732.5 MHz	1745 MHz
		RX	Channel 2050	Channel 2175	Channel 2300
			2120 MHz	2132.5MHz	2145 MHz

Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 5	1.4MHz	TX	Channel 20407	Channel 20525	Channel 20643
			824.7 MHz	836.5 MHz	848.3 MHz
		RX	Channel 2407	Channel 2525	Channel 2643
			869.7 MHz	881.5 MHz	893.3 MHz
	3MHz	TX	Channel 20415	Channel 20525	Channel 20635
			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
	5MHz	TX	Channel 20425	Channel 20525	Channel 20625
			826.5 MHz	836.5 MHz	846.5 MHz
		RX	Channel 2425	Channel 2525	Channel 2625
			871.5 MHz	881.5 MHz	891.5 MHz
	10MHz	TX	Channel 20450	Channel 20525	Channel 20600
			829 MHz	836.5 MHz	844 MHz
		RX	Channel 2450	Channel 2525	Channel 2600
			874 MHz	881.5 MHz	889 MHz



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Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 7	5MHz	TX	Channel 20775	Channel 21100	Channel 21425
			2502.5 MHz	2535 MHz	2567.5 MHz
		RX	Channel 2775	Channel 3100	Channel 5825
			2622.5 MHz	2655 MHz	2687.5 MHz
	10MHz	TX	Channel 20800	Channel 21100	Channel 21400
			2505 MHz	2535 MHz	2565 MHz
		RX	Channel 2800	Channel 3100	Channel 3400
			2625 MHz	2655 MHz	2685 MHz
	15MHz	TX	Channel 20825	Channel 21100	Channel 21375
			2507.5 MHz	2535 MHz	2562.5 MHz
		RX	Channel 2825	Channel 3100	Channel 3375
			2627.5 MHz	2655 MHz	2682.5 MHz
	20MHz	TX	Channel 20850	Channel 21100	Channel 21350
			2510 MHz	2535 MHz	2560 MHz
		RX	Channel 2850	Channel 3100	Channel 3350
			2630 MHz	2655 MHz	2680 MHz

Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 12	1.4MHz	TX	Channel 23017	Channel 23095	Channel 23173
			699.7 MHz	707.5 MHz	715.3 MHz
		RX	Channel 5017	Channel 5095	Channel 5173
			729.7 MHz	737.5 MHz	745.3 MHz
	3MHz	TX	Channel 23025	Channel 23095	Channel 23165
			700.5 MHz	707.5 MHz	714.5 MHz
		RX	Channel 5025	Channel 5095	Channel 5165
			730.5 MHz	737.5 MHz	744.5 MHz
	5MHz	TX	Channel 23035	Channel 23095	Channel 23155
			701.5 MHz	707.5 MHz	713.5 MHz
		RX	Channel 5035	Channel 5095	Channel 5155
			731.5 MHz	737.5 MHz	743.5 MHz
	10MHz	TX	Channel 23060	Channel 23095	Channel 23130
			704 MHz	707.5 MHz	711 MHz
		RX	Channel 5060	Channel 5095	Channel 5130
			734 MHz	737.5 MHz	741 MHz

Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 17	5MHz	TX	Channel 23755	Channel 23790	Channel 23825
			706.5 MHz	710 MHz	713.5 MHz
		RX	Channel 5755	Channel 5790	Channel 5825
			736.5 MHz	740 MHz	743.5 MHz
	10MHz	TX	Channel 23780	Channel 23790	Channel 23800
			709 MHz	710 MHz	711 MHz
		RX	Channel 5780	Channel 5790	Channel 5800



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Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengsong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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			739 MHz	740 MHz	741 MHz
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Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 38	5MHz	TX/RX	Channel 37775	Channel38000	Channel 38225
			2572.5 MHz	2595 MHz	2617.5 MHz
	10MHz	TX/RX	Channel 37800	Channel38000	Channel 38200
			2575 MHz	2595 MHz	2615 MHz
	15MHz	TX/RX	Channel 37825	Channel38000	Channel 38175
			2577.5 MHz	2595 MHz	2612.5 MHz
	20MHz	TX/RX	Channel 37850	Channel38000	Channel 38150
			2580 MHz	2595 MHz	2610 MHz

Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band 41 (2496-2690)	5MHz	TX / RX	Channel 39675	Channel40620	Channel 41565
			2498.5 MHz	2593 MHz	2687.5 MHz
	10MHz	TX / RX	Channel 39700	Channel40620	Channel 41540
			2501 MHz	2593 MHz	2685 MHz
	15MHz	TX / RX	Channel 39725	Channel40620	Channel 41515
			2503.5 MHz	2593 MHz	2682.5 MHz
	20MHz	TX / RX	Channel 39750	Channel40620	Channel 41490
			2506 MHz	2593 MHz	2680 MHz

Test Mode	Bandwidth	TX / RX	RF Channel		
			Low (L)	Middle (M)	High (H)
LTE Band66	1.4MHz	TX	Channel 131979	Channel 132322	Channel 132665
			1710.7 MHz	1745 MHz	1779.3 MHz
		RX	Channel 66443	Channel 66786	Channel 67329
			2110.7 MHz	2145MHz	2199.3 MHz
	3MHz	TX	Channel 131987	Channel 132322	Channel 132657
			1711.5 MHz	1745 MHz	1778.5MHz
		RX	Channel 66451	Channel 66786	Channel 67121
			2111.5 MHz	2145MHz	2198.5MHz
	5MHz	TX	Channel 131997	Channel 132322	Channel 132647
			1712.5 MHz	1745 MHz	1777.5 MHz
		RX	Channel 66461	Channel 66786	Channel 67311
			2112.5 MHz	2145MHz	2197.5 MHz
	10MHz	TX	Channel 132022	Channel 132322	Channel 132622
			1715 MHz	1745 MHz	1775 MHz
		RX	Channel 66486	Channel 66786	Channel 67286
			2115 MHz	2145MHz	2195 MHz
	15MHz	TX	Channel 132047	Channel 132322	Channel 132597
			1717.5 MHz	1745 MHz	1772.5 MHz
		RX	Channel 66511	Channel 66786	Channel 67261



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	20MHz	TX	2117.5 MHz	2145MHz	2192.5 MHz
			Channel 132072	Channel 132322	Channel 132572
		RX	1720 MHz	1745 MHz	1770 MHz
			Channel 66536	Channel 66786	Channel 67236
			2120 MHz	2145MHz	2190 MHz

Table 4.3.1.1.7A-1: Test frequencies for CA_7C

Range	CC-Combo / N _{RB,agg} [RB]	CC1 Note1					CC2 Note1				
		BW [RB]	N _{UL}	f _{UL} [MHz]	N _{DL}	f _{DL} [MHz]	BW [RB]	N _{UL}	f _{UL} [MHz]	N _{DL}	f _{DL} [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
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
	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
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
	100+100	100	21152	2540.2	3152	2660.2	100	21350	2560	3350	2680

Note 1: Carriers in increasing frequency order.



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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Table 4.3.1.2.6A-1: Test frequencies for CA_38C

Range	CC-Combo / N _{RB_agg} [RB]	CC1 Note1			CC2 Note1		
		BW [RB]	N _{UL/DL}	f _{UL/DL} [MHz]	BW [RB]	N _{UL/DL}	f _{UL/DL} [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.



4 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:

$$\text{ERP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBd)}$$

Where:

P_d is the dipole equivalent power, P_g 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 $P_g [\text{dBm}] - \text{cable loss} [\text{dB}]$. The calculated P_d levels are then compared to the absolute spurious emission limit of -13dBm which is equivalent to the required minimum attenuation of $43 + 10\log_{10}(\text{Power} [\text{Watts}])$.

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:

$$\text{EIRP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBi)}$$

$$\text{EIRP} = \text{ERP} + 2.15\text{dB}$$

Where:

P_g 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 $\geq$ 3*RBW
3. Number of sweep point $\geq$ 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

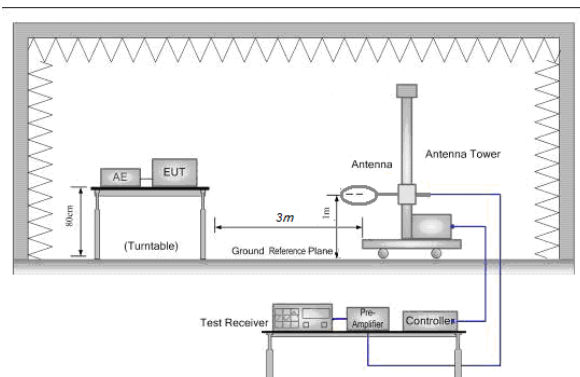


Figure 1. Below 30MHz

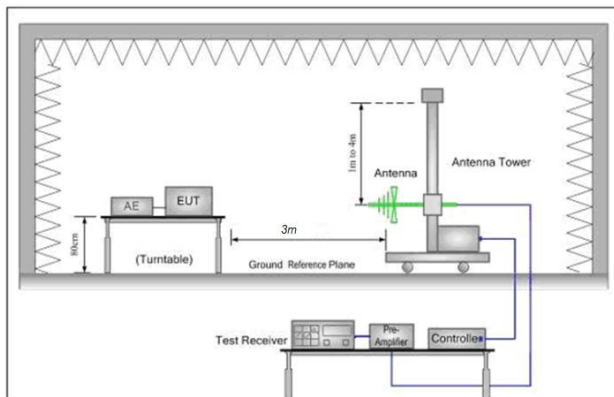


Figure 2. 30MHz to 1GHz

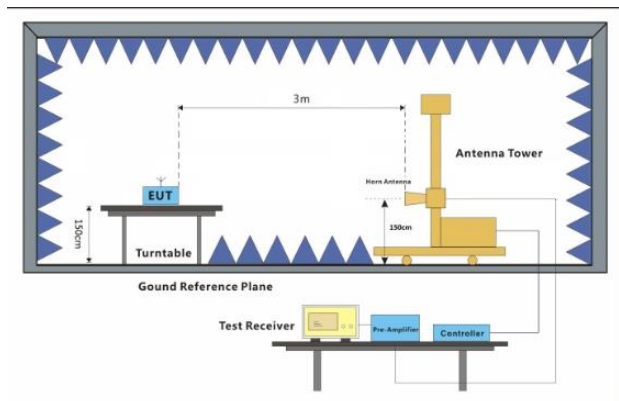


Figure 3. above 1GHz

4.3 Test Conditions

Test Case	Test Conditions	
Field Strength of Spurious Radiation	Test Environment	Ambient Climate & Rated Voltage
	Test Setup	Test Setup 2
	Test Mode	GSM/TM1;GSM/TM2;UMTS/TM1; LTE/TM1;LTE/TM2/TM3 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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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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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



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:

Test Item	Extended Uncertainty	Data
Field Strength of Spurious Radiation	ERP[dBm]/EIRP [dBm]	$\pm 4.8\text{dB}$ (30MHz-1GHz) $\pm 5.2\text{dB}$ (1GHz-6GHz) $\pm 5.5\text{dB}$ (6GHz-18GHz) $\pm 5.02\text{dB}$ (18GHz-40GHz)



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Wireless Laboratory

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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7 Appendixes

Appendix A	Setup Photos
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t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.1. Test Band = GSM_850 ANT1

1.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.5322	-68.04	-61.10	-13.00	48.10	Horizontal
2	231.1881	-67.95	-65.12	-13.00	52.12	Horizontal
3	608.2944	-68.55	-60.87	-13.00	47.87	Horizontal
4	2925.9852	-66.85	-54.71	-13.00	41.71	Horizontal
5	4120.9707	-48.89	-58.05	-13.00	45.05	Horizontal
6	9334.5112	-58.77	-53.16	-13.00	40.16	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.2. Test Band = GSM_850 ANT1

1.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.8004	-67.34	-69.01	-13.00	56.01	Vertical
2	112.2601	-68.34	-62.13	-13.00	49.13	Vertical
3	440.9610	-67.82	-64.05	-13.00	51.05	Vertical
4	4120.9707	-50.22	-59.99	-13.00	46.99	Vertical
5	5267.6089	-55.19	-56.74	-13.00	43.74	Vertical
6	9893.3631	-58.86	-52.48	-13.00	39.48	Vertical



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.3. Test Band = GSM_850 ANT1

1.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.4651	-68.42	-61.53	-13.00	48.53	Horizontal
2	229.5875	-68.68	-65.92	-13.00	52.92	Horizontal
3	474.7187	-67.83	-63.67	-13.00	50.67	Horizontal
4	2509.9020	-61.85	-52.09	-13.00	39.09	Horizontal
5	4183.2728	-50.84	-59.90	-13.00	46.90	Horizontal
6	9360.4120	-58.22	-52.85	-13.00	39.85	Horizontal



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1.4. Test Band = GSM_850 ANT1

1.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	55.7548	-67.46	-68.94	-13.00	55.94	Vertical
2	113.5212	-68.18	-62.08	-13.00	49.08	Vertical
3	438.8754	-67.53	-63.83	-13.00	50.83	Vertical
4	2509.9020	-63.17	-55.09	-13.00	42.09	Vertical
5	4183.2728	-51.75	-61.49	-13.00	48.49	Vertical
6	7338.9780	-56.66	-56.15	-13.00	43.15	Vertical



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1.5. Test Band = GSM_850 ANT1

1.5.1. Test Channel = Higi Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.6477	-68.19	-61.19	-13.00	48.19	Horizontal
2	232.0611	-67.88	-65.06	-13.00	52.06	Horizontal
3	512.1141	-67.83	-62.30	-13.00	49.30	Horizontal
4	2546.3093	-60.70	-51.40	-13.00	38.40	Horizontal
5	4243.7081	-53.26	-62.41	-13.00	49.41	Horizontal
6	5284.1761	-55.80	-56.48	-13.00	43.48	Horizontal



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1.6. Test Band = GSM_850 ANT1

1.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.7076	-68.56	-72.82	-13.00	59.82	Vertical
2	106.5368	-68.20	-62.60	-13.00	49.60	Vertical
3	389.2090	-68.68	-65.48	-13.00	52.48	Vertical
4	2546.3093	-64.24	-56.07	-13.00	43.07	Vertical
5	5308.9103	-55.79	-56.81	-13.00	43.81	Vertical
6	9340.1113	-58.82	-53.11	-13.00	40.11	Vertical



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1.7. Test Band = GSM_1900 ANT1

1.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.8046	-70.55	-63.64	-13.00	50.64	Horizontal
2	3704.0235	-44.38	-52.94	-13.00	39.94	Horizontal
3	5556.0852	-18.95	-25.09	-13.00	12.09	Horizontal
4	7407.6469	-44.09	-44.15	-13.00	31.15	Horizontal
5	11112.7704	-55.53	-49.37	-13.00	36.37	Horizontal
6	16389.946	-58.44	-44.17	-13.00	31.17	Horizontal



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1.8. Test Band = GSM_1900 ANT1

1.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	114.0547	-70.24	-64.19	-13.00	51.19	Vertical
2	3704.0235	-48.56	-57.91	-13.00	44.91	Vertical
3	5556.5852	-28.63	-35.18	-13.00	22.18	Vertical
4	7408.1469	-49.20	-48.68	-13.00	35.68	Vertical
5	9260.2087	-41.39	-35.98	-13.00	22.98	Vertical
6	14474.882	-60.42	-48.11	-13.00	35.11	Vertical



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1.9. Test Band = GSM_1900 ANT1

1.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.3867	-70.73	-63.79	-13.00	50.79	Horizontal
2	230.1210	-70.68	-67.85	-13.00	54.85	Horizontal
3	3760.0253	-44.29	-52.69	-13.00	39.69	Horizontal
4	5640.5880	-19.62	-25.66	-13.00	12.66	Horizontal
5	7520.1507	-52.18	-52.32	-13.00	39.32	Horizontal
6	9399.7133	-52.45	-47.46	-13.00	34.46	Horizontal



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t (86-29) 6282 7885 www.sgsgroup.com.cn
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1.10. Test Band = GSM_1900 ANT1

1.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	112.9876	-69.83	-63.68	-13.00	50.68	Vertical
2	3760.0253	-47.89	-56.95	-13.00	43.95	Vertical
3	5641.0880	-34.42	-40.93	-13.00	27.93	Vertical
4	7519.6507	-54.62	-54.65	-13.00	41.65	Vertical
5	14495.383	-60.89	-48.42	-13.00	35.42	Vertical
6	17998.500	-58.69	-40.85	-13.00	27.85	Vertical



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1.11. Test Band = GSM_1900 ANT1

1.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.7633	-69.91	-63.33	-13.00	50.33	Horizontal
2	240.3550	-69.02	-66.24	-13.00	53.24	Horizontal
3	3819.5273	-44.37	-52.60	-13.00	39.60	Horizontal
4	5729.0910	-20.56	-26.57	-13.00	13.57	Horizontal
5	9549.2183	-53.65	-48.65	-13.00	35.65	Horizontal
6	16389.446	-58.67	-44.41	-13.00	31.41	Horizontal



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t (86-29) 6282 7885 sgs.china@sgs.com

1.12. Test Band = GSM_1900 ANT1

1.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.6064	-71.12	-72.83	-13.00	59.83	Vertical
2	111.8721	-70.56	-64.31	-13.00	51.31	Vertical
3	3819.5273	-44.42	-53.24	-13.00	40.24	Vertical
4	5729.5910	-41.64	-48.30	-13.00	35.30	Vertical
5	9548.2183	-54.56	-49.28	-13.00	36.28	Vertical
6	17996.499	-58.64	-40.85	-13.00	27.85	Vertical



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.13. Test Band = GSM_850 ANT2

1.13.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.5436	-70.58	-63.74	-13.00	50.74	Horizontal
2	244.8657	-69.24	-66.56	-13.00	53.56	Horizontal
3	563.4297	-69.71	-62.98	-13.00	49.98	Horizontal
4	1648.5297	-61.14	-57.09	-13.00	44.09	Horizontal
5	4120.7374	-49.54	-58.70	-13.00	45.70	Horizontal
6	9541.2514	-58.63	-53.61	-13.00	40.61	Horizontal



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1.14. Test Band = GSM_850 ANT2

1.14.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	46.7333	-70.03	-71.93	-13.00	58.93	Vertical
2	111.9206	-69.52	-63.28	-13.00	50.28	Vertical
3	342.3556	-69.22	-66.79	-13.00	53.79	Vertical
4	1648.5297	-64.22	-59.54	-13.00	46.54	Vertical
5	4121.4374	-52.02	-61.79	-13.00	48.79	Vertical
6	7395.6799	-57.66	-57.10	-13.00	44.10	Vertical



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1.15. Test Band = GSM_850 ANT2

1.15.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.5136	-69.31	-62.42	-13.00	49.42	Horizontal
2	233.2737	-69.22	-66.40	-13.00	53.40	Horizontal
3	566.9703	-68.37	-61.56	-13.00	48.56	Horizontal
4	1672.9346	-63.33	-59.51	-13.00	46.51	Horizontal
5	3346.2782	-47.58	-57.87	-13.00	44.87	Horizontal
6	4183.2728	-50.75	-59.81	-13.00	46.81	Horizontal



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1.16. Test Band = GSM_850 ANT2

1.16.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	51.3896	-69.49	-70.77	-13.00	57.77	Vertical
2	110.4655	-69.80	-63.43	-13.00	50.43	Vertical
3	416.2733	-69.06	-65.99	-13.00	52.99	Vertical
4	2692.7385	-67.28	-55.75	-13.00	42.75	Vertical
5	4969.6323	-55.46	-63.04	-13.00	50.04	Vertical
6	7352.0451	-57.63	-57.11	-13.00	44.11	Vertical



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1.17. Test Band = GSM_850 ANT2

1.17.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3567	-70.57	-63.58	-13.00	50.58	Horizontal
2	235.6988	-69.09	-66.28	-13.00	53.28	Horizontal
3	536.8988	-69.12	-63.03	-13.00	50.03	Horizontal
4	1697.3395	-61.42	-57.84	-13.00	44.84	Horizontal
5	3395.2798	-48.05	-58.32	-13.00	45.32	Horizontal
6	7472.4491	-57.57	-57.59	-13.00	44.59	Horizontal



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1.18. Test Band = GSM_850 ANT2

1.18.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.8050	-69.39	-63.05	-13.00	50.05	Vertical
2	329.5510	-69.43	-67.38	-13.00	54.38	Vertical
3	1697.3395	-64.21	-59.37	-13.00	46.37	Vertical
4	2524.7049	-65.82	-56.21	-13.00	43.21	Vertical
5	4489.6497	-54.85	-63.44	-13.00	50.44	Vertical
6	7345.2782	-57.39	-56.88	-13.00	43.88	Vertical



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1.19. Test Band = GSM_1900 ANT2

1.19.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.9316	-70.22	-63.36	-13.00	50.36	Horizontal
2	238.0754	-70.68	-67.88	-13.00	54.88	Horizontal
3	3700.5234	-20.70	-29.27	-13.00	16.27	Horizontal
4	5550.5850	-45.11	-51.25	-13.00	38.25	Horizontal
5	7400.6467	-46.51	-46.57	-13.00	33.57	Horizontal
6	16398.446	-59.32	-44.90	-13.00	31.90	Horizontal



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t (86-29) 6282 7885 www.sgsgroup.com.cn
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1.20. Test Band = GSM_1900 ANT2

1.20.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	109.2530	-70.54	-64.30	-13.00	51.30	Vertical
2	408.1734	-69.69	-66.59	-13.00	53.59	Vertical
3	3700.5234	-21.15	-30.52	-13.00	17.52	Vertical
4	5550.5850	-41.89	-48.46	-13.00	35.46	Vertical
5	7400.6467	-47.25	-46.69	-13.00	33.69	Vertical
6	12951.831	-58.68	-50.46	-13.00	37.46	Vertical



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1.21. Test Band = GSM_1900 ANT2

1.21.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.4352	-70.74	-63.80	-13.00	50.80	Horizontal
2	240.8400	-69.57	-66.80	-13.00	53.80	Horizontal
3	3760.0253	-25.27	-33.67	-13.00	20.67	Horizontal
4	5640.5880	-46.21	-52.25	-13.00	39.25	Horizontal
5	7520.1507	-53.92	-54.06	-13.00	41.06	Horizontal
6	16399.946	-58.92	-44.47	-13.00	31.47	Horizontal



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1.22. Test Band = GSM_1900 ANT2

1.22.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.8464	-70.51	-64.60	-13.00	51.60	Vertical
2	521.4751	-69.62	-64.76	-13.00	51.76	Vertical
3	3760.0253	-24.91	-33.97	-13.00	20.97	Vertical
4	5640.0880	-41.71	-48.22	-13.00	35.22	Vertical
5	7520.1507	-55.05	-55.08	-13.00	42.08	Vertical
6	17997.999	-59.57	-41.74	-13.00	28.74	Vertical



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11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.23. Test Band = GSM_1900 ANT2

1.23.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.6106	-70.20	-63.30	-13.00	50.30	Horizontal
2	234.7772	-69.60	-66.79	-13.00	53.79	Horizontal
3	312.2356	-67.80	-66.69	-13.00	53.69	Horizontal
4	3819.5273	-33.59	-41.82	-13.00	28.82	Horizontal
5	5729.5910	-47.21	-53.22	-13.00	40.22	Horizontal
6	16398.946	-59.14	-44.71	-13.00	31.71	Horizontal



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t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.24. Test Band = GSM_1900 ANT2

1.24.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	109.7380	-70.48	-64.13	-13.00	51.13	Vertical
2	424.8582	-69.93	-66.70	-13.00	53.70	Vertical
3	3819.5273	-29.80	-38.62	-13.00	25.62	Vertical
4	5729.5910	-42.20	-48.86	-13.00	35.86	Vertical
5	14476.882	-60.75	-48.43	-13.00	35.43	Vertical
6	17995.499	-59.24	-41.47	-13.00	28.47	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
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1.25. Test Band = WCDMA_II_TM1 ANT1

1.25.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.0286	-70.36	-63.49	-13.00	50.49	Horizontal
2	237.1539	-69.74	-66.94	-13.00	53.94	Horizontal
3	782.0786	-70.83	-60.93	-13.00	47.93	Horizontal
4	3641.5214	-52.54	-60.82	-13.00	47.82	Horizontal
5	7360.6454	-57.11	-57.27	-13.00	44.27	Horizontal
6	16380.446	-58.60	-44.50	-13.00	31.50	Horizontal



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1.26. Test Band = WCDMA_II_TM1 ANT1

1.26.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	36.3053	-66.69	-75.12	-13.00	62.12	Vertical
2	114.5397	-70.18	-64.17	-13.00	51.17	Vertical
3	619.5470	-70.47	-62.90	-13.00	49.90	Vertical
4	7360.1453	-57.26	-56.74	-13.00	43.74	Vertical
5	14517.883	-60.03	-47.68	-13.00	34.68	Vertical
6	17996.999	-58.38	-40.58	-13.00	27.58	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.27. Test Band = WCDMA_II_TM1 ANT1

1.27.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.5065	-70.15	-63.55	-13.00	50.55	Horizontal
2	239.0940	-69.34	-66.55	-13.00	53.55	Horizontal
3	620.5655	-71.03	-63.30	-13.00	50.30	Horizontal
4	3519.5173	-51.92	-60.69	-13.00	47.69	Horizontal
5	7383.1461	-57.02	-57.12	-13.00	44.12	Horizontal
6	16400.446	-58.58	-44.14	-13.00	31.14	Horizontal



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1.28. Test Band = WCDMA_II_TM1 ANT1

1.28.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.4609	-69.80	-71.54	-13.00	58.54	Vertical
2	109.0105	-69.45	-63.27	-13.00	50.27	Vertical
3	546.5508	-70.08	-64.95	-13.00	51.95	Vertical
4	8023.6675	-58.23	-56.67	-13.00	43.67	Vertical
5	14507.383	-60.64	-48.20	-13.00	35.20	Vertical
6	17995.499	-58.54	-40.77	-13.00	27.77	Vertical



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1.29. Test Band = WCDMA_II_TM1 ANT1

1.29.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.9615	-70.58	-63.77	-13.00	50.77	Horizontal
2	241.5676	-70.60	-67.84	-13.00	54.84	Horizontal
3	568.3769	-70.73	-63.88	-13.00	50.88	Horizontal
4	3741.5247	-52.64	-61.09	-13.00	48.09	Horizontal
5	8007.1669	-58.38	-57.37	-13.00	44.37	Horizontal
6	16398.446	-59.13	-44.71	-13.00	31.71	Horizontal



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1.30. Test Band = WCDMA_II_TM1 ANT1

1.30.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	71.2756	-70.00	-68.62	-13.00	55.62	Vertical
2	115.1703	-70.26	-64.30	-13.00	51.30	Vertical
3	588.6994	-70.76	-63.68	-13.00	50.68	Vertical
4	7359.6453	-56.99	-56.47	-13.00	43.47	Vertical
5	14485.882	-60.83	-48.43	-13.00	35.43	Vertical
6	17997.499	-58.34	-40.52	-13.00	27.52	Vertical



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1.31. Test Band = WCDMA_IV_TM1 ANT1

1.31.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.2597	-68.38	-61.40	-13.00	48.40	Horizontal
2	244.2352	-66.09	-63.39	-13.00	50.39	Horizontal
3	4512.0504	-52.84	-61.14	-13.00	48.14	Horizontal
4	7463.1488	-54.05	-54.07	-13.00	41.07	Horizontal
5	16388.446	-50.05	-35.81	-13.00	22.81	Horizontal



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1.32. Test Band = WCDMA_IV_TM1 ANT1

1.32.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	65.6493	-67.90	-66.49	-13.00	53.49	Vertical
2	106.7308	-67.84	-62.19	-13.00	49.19	Vertical
3	505.7603	-67.49	-62.81	-13.00	49.81	Vertical
4	3594.0198	-51.44	-60.58	-13.00	47.58	Vertical
5	7447.1482	-54.28	-53.95	-13.00	40.95	Vertical
6	17999.500	-52.44	-34.57	-13.00	21.57	Vertical



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1.33. Test Band = WCDMA_IV_TM1 ANT1

1.33.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.7975	-68.26	-61.57	-13.00	48.57	Horizontal
2	232.7401	-66.82	-64.00	-13.00	51.00	Horizontal
3	651.8496	-67.86	-59.97	-13.00	46.97	Horizontal
4	3598.5200	-51.40	-59.49	-13.00	46.49	Horizontal
5	7433.1478	-54.17	-54.21	-13.00	41.21	Horizontal
6	16398.446	-50.09	-35.67	-13.00	22.67	Horizontal



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1.34. Test Band = WCDMA_IV_TM1 ANT1

1.34.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	65.1158	-67.76	-66.37	-13.00	53.37	Vertical
2	114.2487	-68.11	-62.07	-13.00	49.07	Vertical
3	728.1924	-67.50	-58.46	-13.00	45.46	Vertical
4	3858.0286	-53.05	-61.81	-13.00	48.81	Vertical
5	7965.1655	-55.45	-54.14	-13.00	41.14	Vertical
6	17986.499	-52.23	-34.69	-13.00	21.69	Vertical



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1.35. Test Band = WCDMA_IV_TM1 ANT1

1.35.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.8717	-67.87	-60.91	-13.00	47.91	Horizontal
2	239.0940	-67.40	-64.61	-13.00	51.61	Horizontal
3	619.4500	-67.46	-59.73	-13.00	46.73	Horizontal
4	3599.0200	-51.43	-59.52	-13.00	46.52	Horizontal
5	7476.1492	-54.32	-54.33	-13.00	41.33	Horizontal
6	16393.946	-49.98	-35.64	-13.00	22.64	Horizontal



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t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.36. Test Band = WCDMA_IV_TM1 ANT1

1.36.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	48.7704	-68.04	-69.50	-13.00	56.50	Vertical
2	106.9733	-67.56	-61.86	-13.00	48.86	Vertical
3	608.6824	-67.10	-59.49	-13.00	46.49	Vertical
4	3599.5200	-51.55	-60.63	-13.00	47.63	Vertical
5	8023.6675	-55.46	-53.90	-13.00	40.90	Vertical
6	17996.999	-52.68	-34.88	-13.00	21.88	Vertical



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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t (86-29) 6282 7885 sgs.china@sgs.com

1.37. Test Band = WCDMA_V_TM1 ANT1

1.37.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	36.7418	-68.83	-63.16	-13.00	50.16	Horizontal
2	235.8443	-69.29	-66.48	-13.00	53.48	Horizontal
3	2703.9408	-62.86	-50.04	-13.00	37.04	Horizontal
4	3525.0175	-52.15	-60.87	-13.00	47.87	Horizontal
5	7356.2452	-57.02	-57.19	-13.00	44.19	Horizontal
6	9321.4440	-58.88	-53.14	-13.00	40.14	Horizontal



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t (86-29) 6282 7885 www.sgsgroup.com.cn
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1.38. Test Band = WCDMA_V_TM1 ANT1

1.38.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4052	-71.44	-74.23	-13.00	61.23	Vertical
2	112.0661	-69.94	-63.71	-13.00	50.71	Vertical
3	613.1447	-70.07	-62.47	-13.00	49.47	Vertical
4	3637.0212	-52.56	-61.75	-13.00	48.75	Vertical
5	7951.0317	-57.22	-56.09	-13.00	43.09	Vertical
6	9880.0627	-58.98	-52.57	-13.00	39.57	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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1.39. Test Band = WCDMA_V_TM1 ANT1

1.39.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8160	-69.64	-62.84	-13.00	49.84	Horizontal
2	246.3208	-68.27	-65.62	-13.00	52.62	Horizontal
3	614.1632	-70.47	-62.76	-13.00	49.76	Horizontal
4	2699.5399	-63.02	-50.10	-13.00	37.10	Horizontal
5	7457.0486	-57.07	-57.10	-13.00	44.10	Horizontal
6	9331.4777	-58.66	-53.02	-13.00	40.02	Horizontal



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1.40. Test Band = WCDMA_V_TM1 ANT1

1.40.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	52.6991	-69.79	-71.15	-13.00	58.15	Vertical
2	111.4356	-69.65	-63.37	-13.00	50.37	Vertical
3	411.6171	-70.16	-67.07	-13.00	54.07	Vertical
4	2999.1998	-64.28	-50.58	-13.00	37.58	Vertical
5	7389.8463	-56.58	-56.03	-13.00	43.03	Vertical
6	9334.9778	-58.46	-52.70	-13.00	39.70	Vertical



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1.41. Test Band = WCDMA_V_TM1 ANT1

1.41.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.8046	-70.54	-63.63	-13.00	50.63	Horizontal
2	242.8286	-69.65	-66.92	-13.00	53.92	Horizontal
3	624.6397	-70.44	-62.69	-13.00	49.69	Horizontal
4	2697.1394	-62.90	-50.05	-13.00	37.05	Horizontal
5	4523.0174	-53.77	-62.15	-13.00	49.15	Horizontal
6	9311.1770	-58.69	-52.86	-13.00	39.86	Horizontal



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1.42. Test Band = WCDMA_V_TM1 ANT1

1.42.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	52.0201	-70.01	-71.33	-13.00	58.33	Vertical
2	110.4170	-70.18	-63.81	-13.00	50.81	Vertical
3	502.8986	-70.62	-65.97	-13.00	52.97	Vertical
4	3000.0000	-64.25	-50.53	-13.00	37.53	Vertical
5	8018.9340	-57.73	-56.13	-13.00	43.13	Vertical
6	9913.4304	-59.01	-52.76	-13.00	39.76	Vertical



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1.43. Test Band = WCDMA_II_TM1 ANT2

1.43.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9872	-71.06	-64.04	-13.00	51.04	Horizontal
2	225.1738	-69.97	-68.01	-13.00	55.01	Horizontal
3	596.9934	-70.78	-63.22	-13.00	50.22	Horizontal
4	3706.0235	-37.64	-46.19	-13.00	33.19	Horizontal
5	7382.1461	-56.99	-57.09	-13.00	44.09	Horizontal
6	16381.446	-59.08	-44.96	-13.00	31.96	Horizontal



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1.44. Test Band = WCDMA_II_TM1 ANT2

1.44.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	51.8746	-69.98	-71.29	-13.00	58.29	Vertical
2	111.8236	-69.61	-63.36	-13.00	50.36	Vertical
3	575.3613	-68.52	-62.10	-13.00	49.10	Vertical
4	3703.0234	-37.48	-46.83	-13.00	33.83	Vertical
5	14504.883	-60.96	-48.49	-13.00	35.49	Vertical
6	17997.999	-59.19	-41.36	-13.00	28.36	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
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1.45. Test Band = WCDMA_II_TM1 ANT2

1.45.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.9202	-70.31	-63.35	-13.00	50.35	Horizontal
2	240.6945	-69.83	-67.06	-13.00	54.06	Horizontal
3	536.9473	-70.43	-64.33	-13.00	51.33	Horizontal
4	3758.5253	-43.92	-52.32	-13.00	39.32	Horizontal
5	7350.1450	-56.91	-57.09	-13.00	44.09	Horizontal
6	16400.946	-59.28	-44.85	-13.00	31.85	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.46. Test Band = WCDMA_II_TM1 ANT2

1.46.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	67.4924	-69.15	-67.66	-13.00	54.66	Vertical
2	112.9876	-70.18	-64.03	-13.00	51.03	Vertical
3	457.3549	-69.28	-65.03	-13.00	52.03	Vertical
4	3758.5253	-42.71	-51.78	-13.00	38.78	Vertical
5	14485.882	-61.08	-48.68	-13.00	35.68	Vertical
6	17994.499	-58.79	-41.05	-13.00	28.05	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.47. Test Band = WCDMA_II_TM1 ANT2

1.47.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9872	-70.20	-63.18	-13.00	50.18	Horizontal
2	225.9983	-70.45	-68.34	-13.00	55.34	Horizontal
3	545.6293	-70.71	-64.42	-13.00	51.42	Horizontal
4	3816.5272	-48.92	-57.16	-13.00	44.16	Horizontal
5	7465.6489	-57.46	-57.48	-13.00	44.48	Horizontal
6	16386.446	-58.96	-44.75	-13.00	31.75	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.48. Test Band = WCDMA_II_TM1 ANT2

1.48.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	108.3314	-70.26	-64.24	-13.00	51.24	Vertical
2	328.8719	-70.45	-68.43	-13.00	55.43	Vertical
3	598.8364	-70.75	-63.17	-13.00	50.17	Vertical
4	3813.5271	-47.43	-56.26	-13.00	43.26	Vertical
5	7369.6457	-57.40	-56.87	-13.00	43.87	Vertical
6	17990.999	-59.01	-41.36	-13.00	28.36	Vertical



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1.49. Test Band = WCDMA_IV_TM1 ANT2

1.49.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.3496	-67.73	-60.90	-13.00	47.90	Horizontal
2	106.3913	-68.23	-73.12	-13.00	60.12	Horizontal
3	237.2024	-67.26	-64.46	-13.00	51.46	Horizontal
4	3426.0142	-37.18	-47.10	-13.00	34.10	Horizontal
5	7459.1486	-53.91	-53.93	-13.00	40.93	Horizontal
6	16397.446	-50.17	-35.77	-13.00	22.77	Horizontal



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1.50. Test Band = WCDMA_IV_TM1 ANT2

1.50.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2910	-67.82	-72.26	-13.00	59.26	Vertical
2	112.6481	-67.68	-61.50	-13.00	48.50	Vertical
3	607.4214	-67.38	-59.77	-13.00	46.77	Vertical
4	3426.5142	-39.09	-50.17	-13.00	37.17	Vertical
5	7443.1481	-54.21	-53.86	-13.00	40.86	Vertical
6	17989.999	-52.20	-34.57	-13.00	21.57	Vertical



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1.51. Test Band = WCDMA_IV_TM1 ANT2

1.51.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.1927	-68.47	-61.54	-13.00	48.54	Horizontal
2	99.6495	-67.76	-72.31	-13.00	59.31	Horizontal
3	237.7844	-67.53	-64.73	-13.00	51.73	Horizontal
4	3463.5155	-37.52	-46.95	-13.00	33.95	Horizontal
5	7450.1483	-53.78	-53.81	-13.00	40.81	Horizontal
6	16389.946	-50.40	-36.13	-13.00	23.13	Horizontal



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1.52. Test Band = WCDMA_IV_TM1 ANT2

1.52.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.9215	-68.46	-73.52	-13.00	60.52	Vertical
2	109.0590	-67.87	-61.68	-13.00	48.68	Vertical
3	376.6468	-66.90	-63.82	-13.00	50.82	Vertical
4	3463.5155	-40.17	-50.74	-13.00	37.74	Vertical
5	7409.1470	-54.45	-53.93	-13.00	40.93	Vertical
6	17992.499	-52.12	-34.43	-13.00	21.43	Vertical



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1.53. Test Band = WCDMA_IV_TM1 ANT2

1.53.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.3795	-68.91	-62.13	-13.00	49.13	Horizontal
2	102.0746	-67.01	-71.62	-13.00	58.62	Horizontal
3	233.6617	-67.22	-64.40	-13.00	51.40	Horizontal
4	3504.0168	-37.35	-46.26	-13.00	33.26	Horizontal
5	7454.6485	-54.34	-54.37	-13.00	41.37	Horizontal
6	16374.945	-50.11	-36.11	-13.00	23.11	Horizontal



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1.54. Test Band = WCDMA_IV_TM1 ANT2

1.54.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.1641	-67.10	-72.40	-13.00	59.40	Vertical
2	108.6709	-67.19	-61.09	-13.00	48.09	Vertical
3	596.6538	-67.93	-60.46	-13.00	47.46	Vertical
4	3507.0169	-36.61	-46.60	-13.00	33.60	Vertical
5	7452.6484	-54.12	-53.81	-13.00	40.81	Vertical
6	17998.500	-52.05	-34.21	-13.00	21.21	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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1.55. Test Band = WCDMA_V_TM1 ANT2

1.55.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4052	-70.14	-63.15	-13.00	50.15	Horizontal
2	95.6238	-69.15	-74.45	-13.00	61.45	Horizontal
3	233.1767	-69.38	-66.56	-13.00	53.56	Horizontal
4	1770.5541	-63.44	-58.17	-13.00	45.17	Horizontal
5	2698.7397	-62.93	-50.04	-13.00	37.04	Horizontal
6	9290.8764	-58.70	-52.90	-13.00	39.90	Horizontal



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1.56. Test Band = WCDMA_V_TM1 ANT2

1.56.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2425	-70.58	-74.97	-13.00	61.97	Vertical
2	113.8607	-70.19	-64.12	-13.00	51.12	Vertical
3	375.7253	-70.34	-67.31	-13.00	54.31	Vertical
4	1766.1532	-62.86	-57.76	-13.00	44.76	Vertical
5	2998.7998	-64.42	-50.72	-13.00	37.72	Vertical
6	9320.9774	-58.59	-52.69	-13.00	39.69	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.57. Test Band = WCDMA_V_TM1 ANT2

1.57.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.6591	-68.85	-61.95	-13.00	48.95	Horizontal
2	101.2501	-70.42	-74.98	-13.00	61.98	Horizontal
3	242.7801	-69.99	-67.26	-13.00	54.26	Horizontal
4	1766.9534	-62.69	-57.51	-13.00	44.51	Horizontal
5	2697.1394	-62.85	-50.00	-13.00	37.00	Horizontal
6	9303.4768	-58.70	-52.79	-13.00	39.79	Horizontal



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t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.58. Test Band = WCDMA_V_TM1 ANT2

1.58.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.0186	-69.06	-74.21	-13.00	61.21	Vertical
2	109.2045	-70.37	-64.15	-13.00	51.15	Vertical
3	333.8677	-70.15	-67.93	-13.00	54.93	Vertical
4	1770.5541	-63.03	-57.91	-13.00	44.91	Vertical
5	3000.0000	-64.30	-50.58	-13.00	37.58	Vertical
6	9887.5296	-58.95	-52.56	-13.00	39.56	Vertical



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

Y/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.59. Test Band = WCDMA_V_TM1 ANT2

1.59.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.9987	-70.15	-63.23	-13.00	50.23	Horizontal
2	232.6431	-69.56	-66.74	-13.00	53.74	Horizontal
3	560.7135	-70.89	-64.23	-13.00	51.23	Horizontal
4	1767.7536	-62.40	-57.20	-13.00	44.20	Horizontal
5	2695.5391	-62.91	-50.11	-13.00	37.11	Horizontal
6	9310.9437	-58.89	-53.05	-13.00	40.05	Horizontal



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.60. Test Band = WCDMA_V_TM1 ANT2

1.60.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.4365	-70.22	-74.80	-13.00	61.80	Vertical
2	115.9463	-68.89	-63.00	-13.00	50.00	Vertical
3	392.5556	-69.45	-66.27	-13.00	53.27	Vertical
4	2023.4047	-59.39	-53.23	-13.00	40.23	Vertical
5	2994.7990	-64.21	-50.60	-13.00	37.60	Vertical
6	9870.4957	-59.04	-52.62	-13.00	39.62	Vertical



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t (86-29) 6282 7885 sgs.china@sgs.com



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Report No.: XAR/2021/1000801

Page: 81 of 212

1.61. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT1

1.61.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.1071	-70.76	-63.94	-13.00	50.94	Horizontal
2	232.7886	-70.21	-67.39	-13.00	54.39	Horizontal
3	588.8449	-69.45	-62.09	-13.00	49.09	Horizontal
4	3702.0234	-50.25	-58.81	-13.00	45.81	Horizontal
5	9304.7102	-58.80	-52.90	-13.00	39.90	Horizontal
6	16375.445	-58.72	-44.71	-13.00	31.71	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1.62. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT1

1.62.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.1100	-70.26	-71.64	-13.00	58.64	Vertical
2	107.9919	-70.00	-64.06	-13.00	51.06	Vertical
3	386.4928	-69.62	-66.40	-13.00	53.40	Vertical
4	3702.0234	-50.63	-59.99	-13.00	46.99	Vertical
5	7404.6468	-53.46	-52.92	-13.00	39.92	Vertical
6	17999.000	-58.85	-41.00	-13.00	28.00	Vertical



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1.63. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT1

1.63.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.5693	-69.72	-63.03	-13.00	50.03	Horizontal
2	229.8300	-70.32	-67.52	-13.00	54.52	Horizontal
3	318.6379	-67.77	-66.43	-13.00	53.43	Horizontal
4	3742.0247	-48.01	-56.46	-13.00	43.46	Horizontal
5	8009.6670	-57.91	-56.92	-13.00	43.92	Horizontal
6	16395.946	-58.99	-44.61	-13.00	31.61	Horizontal



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1.64. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT1

1.64.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.8535	-70.41	-64.08	-13.00	51.08	Vertical
2	514.1027	-69.95	-65.17	-13.00	52.17	Vertical
3	3742.0247	-51.51	-60.66	-13.00	47.66	Vertical
4	7484.6495	-54.37	-54.22	-13.00	41.22	Vertical
5	14504.383	-60.88	-48.41	-13.00	35.41	Vertical
6	17997.499	-58.67	-40.85	-13.00	27.85	Vertical



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1.65. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT1

1.65.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.5693	-70.84	-64.15	-13.00	51.15	Horizontal
2	247.5334	-69.66	-67.04	-13.00	54.04	Horizontal
3	316.2128	-66.59	-65.33	-13.00	52.33	Horizontal
4	3782.0261	-50.94	-59.27	-13.00	46.27	Horizontal
5	7961.1654	-58.14	-57.48	-13.00	44.48	Horizontal
6	16401.946	-59.11	-44.71	-13.00	31.71	Horizontal



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1.66. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT1

1.66.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	53.0872	-69.88	-71.27	-13.00	58.27	Vertical
2	111.6781	-70.27	-64.01	-13.00	51.01	Vertical
3	546.5508	-71.02	-65.89	-13.00	52.89	Vertical
4	3782.5261	-52.92	-61.86	-13.00	48.86	Vertical
5	7564.1521	-55.39	-55.67	-13.00	42.67	Vertical
6	17997.999	-58.80	-40.97	-13.00	27.97	Vertical



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Wireless Laboratory

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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1.67. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT2

1.67.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.2711	-70.61	-63.73	-13.00	50.73	Horizontal
2	314.0302	-67.72	-66.54	-13.00	53.54	Horizontal
3	2702.7405	-68.26	-35.42	-13.00	22.42	Horizontal
4	3744.0248	-52.44	-60.88	-13.00	47.88	Horizontal
5	7355.6452	-56.87	-57.04	-13.00	44.04	Horizontal
6	16380.946	-58.33	-44.22	-13.00	31.22	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.68. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT2

1.68.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.0219	-70.35	-64.63	-13.00	51.63	Vertical
2	547.5694	-71.09	-65.95	-13.00	52.95	Vertical
3	2697.1394	-68.39	-36.77	-13.00	23.77	Vertical
4	7345.1448	-56.93	-56.42	-13.00	43.42	Vertical
5	14487.882	-60.33	-47.92	-13.00	34.92	Vertical
6	17997.999	-57.79	-39.96	-13.00	26.96	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.69. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT2

1.69.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.4166	-70.71	-63.82	-13.00	50.82	Horizontal
2	616.6853	-71.14	-63.42	-13.00	50.42	Horizontal
3	2697.5395	-68.51	-35.65	-13.00	22.65	Horizontal
4	3744.5248	-52.82	-61.26	-13.00	48.26	Horizontal
5	7234.6412	-57.86	-58.18	-13.00	45.18	Horizontal
6	16400.446	-58.10	-43.66	-13.00	30.66	Horizontal



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.70. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT2

1.70.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	105.7608	-70.39	-64.97	-13.00	51.97	Vertical
2	618.2859	-71.13	-63.55	-13.00	50.55	Vertical
3	2705.1410	-68.39	-36.79	-13.00	23.79	Vertical
4	7484.6495	-56.61	-56.46	-13.00	43.46	Vertical
5	14501.383	-60.29	-47.79	-13.00	34.79	Vertical
6	17997.999	-58.05	-40.22	-13.00	27.22	Vertical



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11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.71. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT2

1.71.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.0472	-70.72	-63.80	-13.00	50.80	Horizontal
2	243.8472	-70.29	-67.58	-13.00	54.58	Horizontal
3	776.1613	-71.35	-61.44	-13.00	48.44	Horizontal
4	2685.5371	-68.44	-35.92	-13.00	22.92	Horizontal
5	12783.326	-60.48	-51.39	-13.00	38.39	Horizontal
6	16388.446	-58.03	-43.79	-13.00	30.79	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.72. Test Band = LTE_Band=2 BW=20MHz _TM1 ANT2

1.72.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	109.6410	-70.90	-64.57	-13.00	51.57	Vertical
2	501.2981	-71.01	-66.38	-13.00	53.38	Vertical
3	2699.9400	-68.37	-36.70	-13.00	23.70	Vertical
4	7354.6452	-56.74	-56.22	-13.00	43.22	Vertical
5	14472.382	-60.16	-47.87	-13.00	34.87	Vertical
6	17939.998	-57.74	-41.36	-13.00	28.36	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
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1.73. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT1

1.73.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.7932	-71.26	-64.25	-13.00	51.25	Horizontal
2	240.6460	-70.37	-67.59	-13.00	54.59	Horizontal
3	830.4355	-70.60	-60.06	-13.00	47.06	Horizontal
4	3422.0141	-50.80	-60.78	-13.00	47.78	Horizontal
5	7476.6492	-56.89	-56.90	-13.00	43.90	Horizontal
6	16401.946	-59.31	-44.91	-13.00	31.91	Horizontal



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1.74. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT1

1.74.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	111.0476	-70.27	-63.95	-13.00	50.95	Vertical
2	294.3382	-68.84	-67.37	-13.00	54.37	Vertical
3	3530.0177	-51.31	-61.08	-13.00	48.08	Vertical
4	7359.6453	-56.59	-56.07	-13.00	43.07	Vertical
5	14502.883	-61.07	-48.59	-13.00	35.59	Vertical
6	17985.999	-58.76	-41.23	-13.00	28.23	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.75. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT1

1.75.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.3681	-70.66	-63.78	-13.00	50.78	Horizontal
2	243.0712	-70.56	-67.84	-13.00	54.84	Horizontal
3	643.7012	-69.95	-62.11	-13.00	49.11	Horizontal
4	3447.5149	-50.37	-60.01	-13.00	47.01	Horizontal
5	7361.1454	-57.11	-57.27	-13.00	44.27	Horizontal
6	16379.946	-58.73	-44.64	-13.00	31.64	Horizontal



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1.76. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT1

1.76.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.7449	-68.57	-66.79	-13.00	53.79	Vertical
2	112.5511	-70.89	-64.70	-13.00	51.70	Vertical
3	407.3974	-69.49	-66.39	-13.00	53.39	Vertical
4	8017.1672	-58.42	-56.81	-13.00	43.81	Vertical
5	14491.883	-61.17	-48.73	-13.00	35.73	Vertical
6	17997.499	-58.45	-40.63	-13.00	27.63	Vertical



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1.77. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT1

1.77.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.5621	-70.31	-63.42	-13.00	50.42	Horizontal
2	172.5971	-68.64	-73.56	-13.00	60.56	Horizontal
3	230.4120	-69.31	-66.48	-13.00	53.48	Horizontal
4	3472.0157	-51.39	-60.70	-13.00	47.70	Horizontal
5	7972.1657	-58.09	-57.32	-13.00	44.32	Horizontal
6	16392.446	-58.83	-44.52	-13.00	31.52	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.78. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT1

1.78.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.0244	-68.69	-70.53	-13.00	57.53	Vertical
2	119.9235	-69.93	-64.39	-13.00	51.39	Vertical
3	385.6198	-69.81	-66.58	-13.00	53.58	Vertical
4	7353.6451	-56.94	-56.42	-13.00	43.42	Vertical
5	14504.383	-61.09	-48.62	-13.00	35.62	Vertical
6	17997.499	-59.02	-41.20	-13.00	28.20	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



**SGS-CSTC STANDARDS TECHNICAL SERVICES
(XI 'AN) CO., LTD.**

Report No.: XAR/2021/1000801

Page: 99 of 212

1.79. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT2

1.79.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.9016	-70.94	-64.03	-13.00	51.03	Horizontal
2	546.0173	-70.54	-64.24	-13.00	51.24	Horizontal
3	2697.9396	-67.36	-34.49	-13.00	21.49	Horizontal
4	3591.5197	-52.95	-61.10	-13.00	48.10	Horizontal
5	7474.1491	-56.76	-56.78	-13.00	43.78	Horizontal
6	16386.946	-58.23	-44.01	-13.00	31.01	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1.80. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT2

1.80.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.4099	-71.10	-65.29	-13.00	52.29	Vertical
2	557.6094	-71.13	-65.58	-13.00	52.58	Vertical
3	2707.9416	-67.30	-35.74	-13.00	22.74	Vertical
4	7336.6446	-57.07	-56.57	-13.00	43.57	Vertical
5	14461.382	-59.98	-47.78	-13.00	34.78	Vertical
6	17999.500	-58.02	-40.15	-13.00	27.15	Vertical



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t (86-29) 6282 7885 sgs.china@sgs.com

1.81. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT2

1.81.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.2783	-70.30	-63.44	-13.00	50.44	Horizontal
2	101.5411	-69.83	-74.41	-13.00	61.41	Horizontal
3	244.4292	-70.06	-67.37	-13.00	54.37	Horizontal
4	3532.0177	-52.58	-61.24	-13.00	48.24	Horizontal
5	7477.6493	-56.64	-56.65	-13.00	43.65	Horizontal
6	16396.446	-57.60	-43.21	-13.00	30.21	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.82. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT2

1.82.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.3581	-70.55	-76.04	-13.00	63.04	Vertical
2	111.5326	-70.83	-64.55	-13.00	51.55	Vertical
3	373.4942	-70.52	-67.62	-13.00	54.62	Vertical
4	3732.5244	-52.88	-62.08	-13.00	49.08	Vertical
5	7347.1449	-56.94	-56.43	-13.00	43.43	Vertical
6	17999.000	-57.75	-39.90	-13.00	26.90	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
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1.83. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT2

1.83.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.6591	-71.20	-64.30	-13.00	51.30	Horizontal
2	596.0718	-71.73	-64.19	-13.00	51.19	Horizontal
3	2699.1398	-67.46	-34.55	-13.00	21.55	Horizontal
4	7449.6483	-56.48	-56.51	-13.00	43.51	Horizontal
5	16396.946	-58.30	-43.90	-13.00	30.90	Horizontal



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t (86-29) 6282 7885 sgs.china@sgs.com

1.84. Test Band = LTE_Band=4 BW=20MHz _TM1 ANT2

1.84.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.2159	-70.83	-65.07	-13.00	52.07	Vertical
2	629.7325	-70.58	-63.04	-13.00	50.04	Vertical
3	2702.3405	-67.48	-35.84	-13.00	22.84	Vertical
4	7295.1432	-58.04	-57.60	-13.00	44.60	Vertical
5	14493.383	-60.21	-47.75	-13.00	34.75	Vertical
6	17997.499	-57.76	-39.94	-13.00	26.94	Vertical



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1.85. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT1

1.85.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.7861	-68.03	-61.18	-13.00	48.18	Horizontal
2	237.6874	-67.62	-64.82	-13.00	51.82	Horizontal
3	563.4297	-67.95	-61.22	-13.00	48.22	Horizontal
4	2696.3393	-68.32	-55.49	-13.00	42.49	Horizontal
5	4123.0708	-50.24	-59.40	-13.00	46.40	Horizontal
6	7360.9120	-56.67	-56.83	-13.00	43.83	Horizontal



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1.86. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT1

1.86.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3082	-68.74	-71.62	-13.00	58.62	Vertical
2	111.4841	-67.29	-61.01	-13.00	48.01	Vertical
3	539.4210	-67.18	-62.13	-13.00	49.13	Vertical
4	4123.0708	-50.16	-59.93	-13.00	46.93	Vertical
5	7386.1129	-57.27	-56.72	-13.00	43.72	Vertical
6	9877.2626	-59.41	-53.00	-13.00	40.00	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.87. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT1

1.87.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8645	-68.90	-62.10	-13.00	49.10	Horizontal
2	239.3850	-67.26	-64.47	-13.00	51.47	Horizontal
3	510.9015	-67.03	-61.52	-13.00	48.52	Horizontal
4	3328.3109	-48.45	-58.75	-13.00	45.75	Horizontal
5	4159.9387	-51.05	-60.15	-13.00	47.15	Horizontal
6	7363.9455	-56.63	-56.78	-13.00	43.78	Horizontal



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1.88. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT1

1.88.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	51.1956	-67.26	-68.53	-13.00	55.53	Vertical
2	114.9762	-66.72	-60.75	-13.00	47.75	Vertical
3	335.6138	-68.35	-66.06	-13.00	53.06	Vertical
4	3328.3109	-47.83	-59.15	-13.00	46.15	Vertical
5	4160.6387	-51.11	-60.86	-13.00	47.86	Vertical
6	7356.2452	-57.36	-56.84	-13.00	43.84	Vertical



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t (86-29) 6282 7885 sgs.china@sgs.com

1.89. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT1

1.89.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.9130	-68.51	-61.70	-13.00	48.70	Horizontal
2	243.4592	-67.01	-64.30	-13.00	51.30	Horizontal
3	484.7102	-67.01	-62.46	-13.00	49.46	Horizontal
4	3358.4119	-49.07	-59.36	-13.00	46.36	Horizontal
5	7463.5821	-57.17	-57.19	-13.00	44.19	Horizontal
6	9568.7856	-58.57	-53.63	-13.00	40.63	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.90. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT1

1.90.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	52.3111	-68.76	-70.10	-13.00	57.10	Vertical
2	109.5925	-68.68	-62.36	-13.00	49.36	Vertical
3	296.7633	-67.96	-66.42	-13.00	53.42	Vertical
4	3526.4175	-52.35	-62.15	-13.00	49.15	Vertical
5	4197.9733	-52.96	-62.69	-13.00	49.69	Vertical
6	7357.4119	-57.25	-56.73	-13.00	43.73	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



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Report No.: XAR/2021/1000801

Page: 111 of 212

1.91. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT2

1.91.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.8232	-71.69	-62.63	-13.00	49.63	Horizontal
2	230.5090	-70.07	-65.05	-13.00	52.05	Horizontal
3	528.8959	-70.32	-62.23	-13.00	49.23	Horizontal
4	1649.3299	-60.21	-55.97	-13.00	42.97	Horizontal
5	4122.6041	-50.50	-57.68	-13.00	44.68	Horizontal
6	9300.9100	-59.84	-53.12	-13.00	40.12	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1.92. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT2

1.92.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	54.4937	-68.21	-67.66	-13.00	54.66	Vertical
2	109.6410	-71.23	-62.42	-13.00	49.42	Vertical
3	415.4003	-70.23	-64.96	-13.00	51.96	Vertical
4	1648.9298	-64.43	-59.56	-13.00	46.56	Vertical
5	4122.8374	-51.78	-59.56	-13.00	46.56	Vertical
6	9328.2109	-59.62	-52.77	-13.00	39.77	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



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Report No.: XAR/2021/1000801

Page: 113 of 212

1.93. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT2

1.93.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.0358	-71.35	-62.25	-13.00	49.25	Horizontal
2	240.8885	-69.94	-65.54	-13.00	52.54	Horizontal
3	1664.1328	-61.05	-56.92	-13.00	43.92	Horizontal
4	3328.3109	-49.15	-57.65	-13.00	44.65	Horizontal
5	5296.5432	-57.47	-55.93	-13.00	42.93	Horizontal
6	9291.5764	-60.08	-53.32	-13.00	40.32	Horizontal



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Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1.94. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT2

1.94.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	112.5511	-70.24	-61.58	-13.00	48.58	Vertical
2	460.9440	-70.94	-64.32	-13.00	51.32	Vertical
3	1664.1328	-64.92	-59.96	-13.00	46.96	Vertical
4	4160.4053	-51.21	-58.55	-13.00	45.55	Vertical
5	5305.8769	-57.74	-56.74	-13.00	43.74	Vertical
6	9291.3430	-59.59	-52.68	-13.00	39.68	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.95. Test Band = LTE_Band=5 BW=20MHz_TM1 ANT2

1.95.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.8346	-71.13	-62.17	-13.00	49.17	Horizontal
2	237.7844	-70.29	-65.77	-13.00	52.77	Horizontal
3	519.4380	-69.49	-62.04	-13.00	49.04	Horizontal
4	1678.9358	-58.18	-53.96	-13.00	40.96	Horizontal
5	4197.5066	-52.43	-59.04	-13.00	46.04	Horizontal
6	9287.1429	-60.03	-53.24	-13.00	40.24	Horizontal



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1.96. Test Band = LTE_Band=5 BW=20MHz _TM1 ANT2

1.96.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	54.2027	-68.23	-67.65	-13.00	54.65	Vertical
2	105.7123	-69.85	-62.24	-13.00	49.24	Vertical
3	441.4461	-69.36	-63.50	-13.00	50.50	Vertical
4	2479.8960	-61.67	-53.92	-13.00	40.92	Vertical
5	4197.5066	-52.51	-59.82	-13.00	46.82	Vertical
6	7967.3656	-58.27	-55.65	-13.00	42.65	Vertical



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Report No.: XAR/2021/1000801

Page: 117 of 212

1.97. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT1

1.97.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.1556	-71.55	-64.73	-25.00	39.73	Horizontal
2	237.3479	-70.72	-67.92	-25.00	42.92	Horizontal
3	567.9889	-70.99	-64.15	-25.00	39.15	Horizontal
4	5002.2801	-53.83	-61.05	-25.00	36.05	Horizontal
5	7965.7986	-60.49	-59.79	-25.00	34.79	Horizontal
6	16390.735	-61.50	-47.22	-25.00	22.22	Horizontal



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Wireless Laboratory

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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1.98. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT1

1.98.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	75.6408	-68.39	-67.49	-25.00	42.49	Vertical
2	106.8278	-71.04	-65.37	-25.00	40.37	Vertical
3	531.6606	-71.53	-66.56	-25.00	41.56	Vertical
4	5002.2801	-56.28	-63.44	-25.00	38.44	Vertical
5	7385.5754	-59.80	-59.25	-25.00	34.25	Vertical
6	17995.799	-61.89	-44.12	-25.00	19.12	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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1.99. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT1

1.99.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9387	-71.73	-64.71	-25.00	39.71	Horizontal
2	232.5461	-71.16	-68.34	-25.00	43.34	Horizontal
3	541.8946	-71.34	-65.13	-25.00	40.13	Horizontal
4	3511.2204	-54.37	-63.21	-25.00	38.21	Horizontal
5	7438.3775	-59.54	-59.58	-25.00	34.58	Horizontal
6	16379.935	-61.58	-47.49	-25.00	22.49	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.100. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT1

1.100.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.9944	-70.62	-72.25	-25.00	47.25	Vertical
2	115.6068	-71.02	-65.10	-25.00	40.10	Vertical
3	455.6088	-69.84	-65.64	-25.00	40.64	Vertical
4	7370.5748	-59.60	-59.07	-25.00	34.07	Vertical
5	14475.459	-63.27	-50.96	-25.00	25.96	Vertical
6	17980.799	-62.87	-45.47	-25.00	20.47	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.101. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT1

1.101.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.8046	-71.40	-64.49	-25.00	39.49	Horizontal
2	230.5090	-70.64	-67.81	-25.00	42.81	Horizontal
3	600.4855	-72.18	-64.54	-25.00	39.54	Horizontal
4	3525.0210	-54.54	-63.26	-25.00	38.26	Horizontal
5	7465.9786	-59.71	-59.73	-25.00	34.73	Horizontal
6	16401.536	-62.21	-47.80	-25.00	22.80	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.102. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT1

1.102.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.7519	-71.03	-72.71	-25.00	47.71	Vertical
2	109.8835	-70.98	-64.60	-25.00	39.60	Vertical
3	323.6822	-70.45	-68.63	-25.00	43.63	Vertical
4	7342.9737	-59.72	-59.21	-25.00	34.21	Vertical
5	14487.459	-63.61	-51.20	-25.00	26.20	Vertical
6	17996.399	-62.32	-44.53	-25.00	19.53	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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t (86-29) 6282 7885 sgs.china@sgs.com

1.103. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT2

1.103.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.6406	-70.25	-63.40	-25.00	38.40	Horizontal
2	509.4465	-71.61	-66.14	-25.00	41.14	Horizontal
3	1589.7179	-69.68	-45.26	-25.00	20.26	Horizontal
4	3592.2237	-55.35	-63.50	-25.00	38.50	Horizontal
5	7012.9605	-59.19	-61.05	-25.00	36.05	Horizontal
6	16384.735	-60.37	-46.19	-25.00	21.19	Horizontal



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1.104. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT2

1.104.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	115.1703	-70.62	-64.66	-25.00	39.66	Vertical
2	592.0946	-71.69	-64.44	-25.00	39.44	Vertical
3	1712.1424	-69.55	-44.43	-25.00	19.43	Vertical
4	7348.9740	-59.09	-58.58	-25.00	33.58	Vertical
5	14233.049	-62.94	-52.14	-25.00	27.14	Vertical
6	17998.199	-60.34	-42.51	-25.00	17.51	Vertical



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1.105. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT2

1.105.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.9430	-71.39	-64.65	-25.00	39.65	Horizontal
2	654.2747	-71.62	-63.71	-25.00	38.71	Horizontal
3	1793.3587	-69.32	-43.43	-25.00	18.43	Horizontal
4	3634.2254	-54.76	-63.01	-25.00	38.01	Horizontal
5	7491.7797	-59.14	-59.14	-25.00	34.14	Horizontal
6	16375.735	-59.89	-45.88	-25.00	20.88	Horizontal



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Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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t (86-29) 6282 7885 sgs.china@sgs.com

1.106. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT2

1.106.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.9020	-71.47	-65.14	-25.00	40.14	Vertical
2	615.0363	-71.69	-64.10	-25.00	39.10	Vertical
3	1770.5541	-68.07	-42.84	-25.00	17.84	Vertical
4	7505.5802	-58.69	-58.64	-25.00	33.64	Vertical
5	14448.457	-62.79	-50.70	-25.00	25.70	Vertical
6	17990.399	-59.84	-42.20	-25.00	17.20	Vertical



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1.107. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT2

1.107.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6705	-69.32	-62.53	-25.00	37.53	Horizontal
2	624.3002	-72.27	-64.52	-25.00	39.52	Horizontal
3	1574.5149	-69.76	-45.61	-25.00	20.61	Horizontal
4	3524.4210	-54.49	-63.22	-25.00	38.22	Horizontal
5	7358.5743	-59.16	-59.32	-25.00	34.32	Horizontal
6	16374.535	-60.34	-46.35	-25.00	21.35	Horizontal



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1.108. Test Band = LTE_Band=7 BW=20MHz _TM1 ANT2

1.108.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	112.3086	-70.85	-64.64	-25.00	39.64	Vertical
2	661.7926	-72.46	-64.80	-25.00	39.80	Vertical
3	1644.1288	-69.64	-44.82	-25.00	19.82	Vertical
4	7332.1733	-59.61	-59.11	-25.00	34.11	Vertical
5	14684.867	-61.43	-49.36	-25.00	24.36	Vertical
6	17994.599	-59.78	-42.04	-25.00	17.04	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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1.109. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT1

1.109.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8160	-70.15	-63.35	-13.00	50.35	Horizontal
2	232.5461	-70.32	-67.50	-13.00	54.50	Horizontal
3	314.3212	-66.59	-65.40	-13.00	52.40	Horizontal
4	1399.2799	-63.76	-61.63	-13.00	48.63	Horizontal
5	2079.0158	-66.13	-58.68	-13.00	45.68	Horizontal
6	9309.7724	-59.86	-54.01	-13.00	41.01	Horizontal



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1.110. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT1

1.110.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	67.3954	-70.47	-68.98	-13.00	55.98	Vertical
2	110.1260	-70.47	-64.07	-13.00	51.07	Vertical
3	343.0832	-69.93	-67.51	-13.00	54.51	Vertical
4	4197.3279	-53.51	-63.24	-13.00	50.24	Vertical
5	7357.2543	-57.02	-56.50	-13.00	43.50	Vertical
6	9317.6127	-59.18	-53.24	-13.00	40.24	Vertical



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1.111. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT1

1.111.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-70.27	-63.28	-13.00	50.28	Horizontal
2	233.0312	-69.95	-67.13	-13.00	54.13	Horizontal
3	315.3883	-67.43	-66.20	-13.00	53.20	Horizontal
4	3515.2206	-51.70	-60.51	-13.00	47.51	Horizontal
5	7459.4584	-57.43	-57.45	-13.00	44.45	Horizontal
6	9302.7721	-59.71	-53.80	-13.00	40.80	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.112. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT1

1.112.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.7449	-68.17	-66.39	-13.00	53.39	Vertical
2	110.3685	-70.75	-64.37	-13.00	51.37	Vertical
3	297.4909	-69.93	-68.37	-13.00	55.37	Vertical
4	3515.5006	-50.25	-60.16	-13.00	47.16	Vertical
5	7461.6985	-57.07	-56.81	-13.00	43.81	Vertical
6	9281.4913	-59.24	-53.46	-13.00	40.46	Vertical



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Wireless Laboratory

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.113. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT1

1.113.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.4837	-70.09	-63.15	-13.00	50.15	Horizontal
2	238.4149	-70.67	-67.87	-13.00	54.87	Horizontal
3	313.8847	-68.01	-66.84	-13.00	53.84	Horizontal
4	3532.8613	-50.78	-59.44	-13.00	46.44	Horizontal
5	7481.5793	-57.27	-57.28	-13.00	44.28	Horizontal
6	9297.7319	-59.22	-53.31	-13.00	40.31	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.114. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT1

1.114.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.3040	-70.17	-71.51	-13.00	58.51	Vertical
2	109.7380	-70.37	-64.02	-13.00	51.02	Vertical
3	288.3239	-70.59	-69.34	-13.00	56.34	Vertical
4	3533.1413	-52.05	-61.79	-13.00	48.79	Vertical
5	7468.9788	-56.75	-56.52	-13.00	43.52	Vertical
6	9791.3917	-58.64	-52.13	-13.00	39.13	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.115. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT2

1.115.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	46.2968	-68.75	-62.47	-13.00	49.47	Horizontal
2	252.5291	-67.93	-65.90	-13.00	52.90	Horizontal
3	1398.8798	-60.52	-58.39	-13.00	45.39	Horizontal
4	3497.8599	-50.02	-58.99	-13.00	45.99	Horizontal
5	7477.9391	-56.36	-56.37	-13.00	43.37	Horizontal
6	9307.2523	-58.52	-52.65	-13.00	39.65	Horizontal



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Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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t (86-29) 6282 7885 sgs.china@sgs.com

1.116. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT2

1.116.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2910	-70.62	-75.06	-13.00	62.06	Vertical
2	112.6481	-70.65	-64.47	-13.00	51.47	Vertical
3	301.4196	-69.82	-68.19	-13.00	55.19	Vertical
4	1398.8798	-64.94	-62.31	-13.00	49.31	Vertical
5	2304.6609	-67.46	-57.26	-13.00	44.26	Vertical
6	9297.7319	-58.45	-52.38	-13.00	39.38	Vertical



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Wireless Laboratory

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t (86-29) 6282 7885 www.sgs.com.cn
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1.117. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT 1

1.117.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.2526	-70.59	-63.76	-13.00	50.76	Horizontal
2	97.9034	-69.39	-74.26	-13.00	61.26	Horizontal
3	242.1981	-69.98	-67.24	-13.00	54.24	Horizontal
4	1406.0812	-60.93	-58.71	-13.00	45.71	Horizontal
5	2227.8456	-65.05	-56.09	-13.00	43.09	Horizontal
6	3515.5006	-48.97	-57.78	-13.00	44.78	Horizontal



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1.118. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT 1

1.118.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.8245	-69.97	-74.93	-13.00	61.93	Vertical
2	117.7409	-69.95	-64.22	-13.00	51.22	Vertical
3	1406.0812	-65.95	-63.26	-13.00	50.26	Vertical
4	2227.4455	-64.08	-54.78	-13.00	41.78	Vertical
5	3515.5006	-49.18	-59.09	-13.00	46.09	Vertical
6	9832.8333	-58.78	-52.29	-13.00	39.29	Vertical



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1.119. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT 1

1.119.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9872	-70.22	-63.20	-13.00	50.20	Horizontal
2	240.0640	-70.39	-67.60	-13.00	54.60	Horizontal
3	1412.8826	-62.68	-60.37	-13.00	47.37	Horizontal
4	2697.9396	-67.23	-54.36	-13.00	41.36	Horizontal
5	7434.2574	-56.78	-56.82	-13.00	43.82	Horizontal
6	9333.8534	-58.37	-52.75	-13.00	39.75	Horizontal



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1.120. Test Band = LTE_Band=12 BW=20MHz _TM1 ANT 1

1.120.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.0000	-70.24	-74.39	-13.00	61.39	Vertical
2	111.8721	-70.36	-64.11	-13.00	51.11	Vertical
3	1413.2827	-66.95	-64.19	-13.00	51.19	Vertical
4	2227.8456	-64.65	-55.35	-13.00	42.35	Vertical
5	3532.8613	-51.07	-60.81	-13.00	47.81	Vertical
6	9850.1940	-59.33	-52.87	-13.00	39.87	Vertical



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Report No.: XAR/2021/1000801

Page: 141 of 212

1.121. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT1

1.121.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	46.1513	-69.74	-63.38	-13.00	50.38	Horizontal
2	231.0911	-70.13	-67.30	-13.00	54.30	Horizontal
3	312.3811	-66.84	-65.72	-13.00	52.72	Horizontal
4	3523.3409	-51.13	-59.87	-13.00	46.87	Horizontal
5	7462.5385	-57.48	-57.50	-13.00	44.50	Horizontal
6	9549.7420	-58.78	-53.78	-13.00	40.78	Horizontal



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Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1.122. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT1

1.122.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.2783	-70.51	-72.73	-13.00	59.73	Vertical
2	112.2116	-70.85	-64.63	-13.00	51.63	Vertical
3	380.5755	-71.44	-68.17	-13.00	55.17	Vertical
4	3523.0609	-50.67	-60.50	-13.00	47.50	Vertical
5	7355.8542	-57.77	-57.25	-13.00	44.25	Vertical
6	9891.6357	-59.88	-53.49	-13.00	40.49	Vertical



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Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.123. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT1

1.123.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.5436	-69.19	-62.35	-13.00	49.35	Horizontal
2	245.7388	-69.57	-66.91	-13.00	53.91	Horizontal
3	310.3440	-66.56	-65.51	-13.00	52.51	Horizontal
4	3565.0626	-53.04	-61.42	-13.00	48.42	Horizontal
5	7453.0181	-57.45	-57.48	-13.00	44.48	Horizontal
6	9303.8922	-59.96	-54.06	-13.00	41.06	Horizontal



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.124. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT1

1.124.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.7934	-69.32	-67.53	-13.00	54.53	Vertical
2	117.7409	-70.24	-64.51	-13.00	51.51	Vertical
3	242.1011	-70.00	-70.41	-13.00	57.41	Vertical
4	3635.9054	-52.89	-62.07	-13.00	49.07	Vertical
5	7382.4553	-57.66	-57.12	-13.00	44.12	Vertical
6	9897.7959	-59.78	-53.41	-13.00	40.41	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.125. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT1

1.125.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.8831	-69.65	-62.79	-13.00	49.79	Horizontal
2	232.0126	-69.73	-66.91	-13.00	53.91	Horizontal
3	481.0241	-71.42	-67.04	-13.00	54.04	Horizontal
4	3541.5417	-52.64	-61.22	-13.00	48.22	Horizontal
5	7476.5391	-57.34	-57.35	-13.00	44.35	Horizontal
6	9307.2523	-59.49	-53.62	-13.00	40.62	Horizontal



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1.126. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT1

1.126.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.6964	-68.16	-66.40	-13.00	53.40	Vertical
2	109.9805	-70.15	-63.74	-13.00	50.74	Vertical
3	313.0602	-69.99	-68.33	-13.00	55.33	Vertical
4	3533.1413	-52.55	-62.29	-13.00	49.29	Vertical
5	7343.8138	-57.66	-57.15	-13.00	44.15	Vertical
6	9519.5008	-58.85	-53.59	-13.00	40.59	Vertical



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Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

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1.127. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT 1

1.127.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.2711	-70.02	-63.14	-13.00	50.14	Horizontal
2	103.7237	-70.22	-74.94	-13.00	61.94	Horizontal
3	237.2994	-70.77	-67.97	-13.00	54.97	Horizontal
4	1409.2819	-60.61	-58.35	-13.00	45.35	Horizontal
5	2695.5391	-68.33	-55.53	-13.00	42.53	Horizontal
6	9289.6116	-59.36	-53.57	-13.00	40.57	Horizontal



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1.128. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT 1

1.128.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.6305	-70.55	-75.32	-13.00	62.32	Vertical
2	110.7080	-70.57	-64.22	-13.00	51.22	Vertical
3	390.2760	-70.89	-67.70	-13.00	54.70	Vertical
4	1408.8818	-66.33	-63.61	-13.00	50.61	Vertical
5	3000.0000	-69.25	-55.53	-13.00	42.53	Vertical
6	3523.0609	-51.08	-60.91	-13.00	47.91	Vertical



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1.129. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT 1

1.129.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.4723	-70.03	-63.28	-13.00	50.28	Horizontal
2	105.2758	-69.92	-74.74	-13.00	61.74	Horizontal
3	245.2053	-70.02	-67.34	-13.00	54.34	Horizontal
4	1410.8822	-61.39	-59.11	-13.00	46.11	Horizontal
5	2697.9396	-68.25	-55.38	-13.00	42.38	Horizontal
6	3528.1011	-49.87	-58.57	-13.00	45.57	Horizontal



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1.130. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT 1

1.130.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.0970	-69.93	-74.18	-13.00	61.18	Vertical
2	110.8535	-69.84	-63.51	-13.00	50.51	Vertical
3	332.4611	-68.97	-66.80	-13.00	53.80	Vertical
4	1410.8822	-65.91	-63.17	-13.00	50.17	Vertical
5	2933.9868	-68.56	-56.20	-13.00	43.20	Vertical
6	9870.3548	-59.31	-52.89	-13.00	39.89	Vertical



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1.131. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT 1

1.131.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5507	-70.53	-63.53	-13.00	50.53	Horizontal
2	103.4812	-70.14	-74.84	-13.00	61.84	Horizontal
3	230.3635	-70.47	-67.64	-13.00	54.64	Horizontal
4	1412.8826	-62.17	-59.86	-13.00	46.86	Horizontal
5	2700.7401	-68.25	-55.34	-13.00	42.34	Horizontal
6	9320.9728	-58.75	-53.01	-13.00	40.01	Horizontal



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1.132. Test Band = LTE_Band=17 BW=20MHz _TM1 ANT 1

1.132.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2910	-70.43	-74.87	-13.00	61.87	Vertical
2	116.3828	-70.24	-64.39	-13.00	51.39	Vertical
3	378.5384	-70.94	-67.75	-13.00	54.75	Vertical
4	1412.8826	-67.28	-64.52	-13.00	51.52	Vertical
5	2627.9256	-66.78	-56.45	-13.00	43.45	Vertical
6	9866.1546	-59.34	-52.91	-13.00	39.91	Vertical



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1.133. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT1

1.133.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-69.34	-62.35	-25.00	37.35	Horizontal
2	225.3678	-69.12	-67.12	-25.00	42.12	Horizontal
3	593.5497	-70.28	-62.80	-25.00	37.80	Horizontal
4	7450.6484	-57.39	-57.42	-25.00	32.42	Horizontal
5	13363.345	-60.86	-51.62	-25.00	26.62	Horizontal
6	16396.946	-59.42	-45.02	-25.00	20.02	Horizontal



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t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.134. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT1

1.134.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	47.1214	-70.24	-72.06	-25.00	47.06	Vertical
2	108.1374	-70.08	-64.10	-25.00	39.10	Vertical
3	371.1176	-70.28	-67.52	-25.00	42.52	Vertical
4	7369.6457	-57.56	-57.03	-25.00	32.03	Vertical
5	14489.883	-61.24	-48.81	-25.00	23.81	Vertical
6	17996.499	-59.24	-41.45	-25.00	16.45	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.135. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT1

1.135.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.9501	-70.60	-63.69	-25.00	38.69	Horizontal
2	231.1881	-69.67	-66.84	-25.00	41.84	Horizontal
3	600.1460	-70.70	-63.06	-25.00	38.06	Horizontal
4	3596.5199	-53.09	-61.20	-25.00	36.20	Horizontal
5	7758.1586	-51.63	-52.72	-25.00	27.72	Horizontal
6	16398.946	-59.59	-45.16	-25.00	20.16	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.136. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT1

1.136.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	65.7463	-69.39	-67.98	-25.00	42.98	Vertical
2	109.9805	-69.90	-63.49	-25.00	38.49	Vertical
3	358.6039	-69.97	-67.82	-25.00	42.82	Vertical
4	7356.6452	-56.82	-56.30	-25.00	31.30	Vertical
5	14476.882	-61.51	-49.19	-25.00	24.19	Vertical
6	17995.499	-59.90	-42.13	-25.00	17.13	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.137. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT1

1.137.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.7932	-70.66	-63.65	-25.00	38.65	Horizontal
2	221.7301	-70.30	-68.96	-25.00	43.96	Horizontal
3	535.5408	-69.45	-63.39	-25.00	38.39	Horizontal
4	3594.0198	-53.06	-61.19	-25.00	36.19	Horizontal
5	7802.6601	-48.01	-48.66	-25.00	23.66	Horizontal
6	16377.445	-59.70	-45.66	-25.00	20.66	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.138. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT1

1.138.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	48.7704	-69.35	-70.81	-25.00	45.81	Vertical
2	112.4056	-70.52	-64.32	-25.00	39.32	Vertical
3	341.0461	-70.24	-67.79	-25.00	42.79	Vertical
4	7802.6601	-49.86	-50.07	-25.00	25.07	Vertical
5	14507.383	-61.57	-49.13	-25.00	24.13	Vertical
6	17997.999	-60.69	-42.86	-25.00	17.86	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
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1.139. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT2

1.139.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-70.98	-63.99	-25.00	38.99	Horizontal
2	586.8078	-70.26	-62.95	-25.00	37.95	Horizontal
3	1802.9606	-68.54	-42.53	-25.00	17.53	Horizontal
4	3552.0184	-52.47	-60.96	-25.00	35.96	Horizontal
5	7348.1449	-56.44	-56.63	-25.00	31.63	Horizontal
6	16374.445	-57.46	-43.47	-25.00	18.47	Horizontal



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t (86-29) 6282 7885 sgs.china@sgs.com

1.140. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT2

1.140.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.1260	-71.15	-64.75	-25.00	39.75	Vertical
2	630.4600	-70.31	-62.77	-25.00	37.77	Vertical
3	1736.5473	-68.49	-43.32	-25.00	18.32	Vertical
4	7729.1576	-47.77	-48.74	-25.00	23.74	Vertical
5	14476.382	-59.80	-47.48	-25.00	22.48	Vertical
6	17991.999	-57.75	-40.07	-25.00	15.07	Vertical



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1.141. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT2

1.141.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.4651	-70.26	-63.37	-25.00	38.37	Horizontal
2	596.8478	-70.74	-63.18	-25.00	38.18	Horizontal
3	1809.3619	-68.54	-42.59	-25.00	17.59	Horizontal
4	3747.5249	-52.66	-61.09	-25.00	36.09	Horizontal
5	7453.1484	-56.70	-56.73	-25.00	31.73	Horizontal
6	16389.446	-58.40	-44.14	-25.00	19.14	Horizontal



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1.142. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT2

1.142.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	110.9505	-70.38	-64.05	-25.00	39.05	Vertical
2	588.6024	-70.86	-63.78	-25.00	38.78	Vertical
3	1678.1356	-68.42	-43.43	-25.00	18.43	Vertical
4	7356.6452	-56.79	-56.27	-25.00	31.27	Vertical
5	14713.390	-59.89	-47.81	-25.00	22.81	Vertical
6	17997.499	-57.73	-39.91	-25.00	14.91	Vertical



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1.143. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT2

1.143.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.6292	-70.33	-63.38	-25.00	38.38	Horizontal
2	235.5048	-70.01	-67.20	-25.00	42.20	Horizontal
3	1593.3187	-68.57	-44.08	-25.00	19.08	Horizontal
4	3657.5219	-53.44	-61.80	-25.00	36.80	Horizontal
5	9322.7108	-58.62	-52.90	-25.00	27.90	Horizontal
6	17166.972	-56.78	-45.43	-25.00	20.43	Horizontal



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.144. Test Band = LTE_Band=38 BW=20MHz _TM1 ANT2

1.144.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	113.4242	-70.90	-64.79	-25.00	39.79	Vertical
2	600.4855	-70.87	-63.23	-25.00	38.23	Vertical
3	1636.1272	-68.31	-43.54	-25.00	18.54	Vertical
4	7802.6601	-54.43	-54.64	-25.00	29.64	Vertical
5	14484.382	-60.18	-47.80	-25.00	22.80	Vertical
6	17994.999	-57.93	-40.18	-25.00	15.18	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com



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(XI 'AN) CO., LTD.**

Report No.: XAR/2021/1000801

Page: 165 of 212

1.145. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT1

1.145.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.1927	-70.72	-63.79	-25.00	38.79	Horizontal
2	238.5119	-70.96	-68.16	-25.00	43.16	Horizontal
3	504.2082	-69.96	-64.60	-25.00	39.60	Horizontal
4	3657.0219	-52.94	-61.30	-25.00	36.30	Horizontal
5	7352.1451	-57.12	-57.30	-25.00	32.30	Horizontal
6	16381.446	-59.98	-45.86	-25.00	20.86	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

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1.146. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT1

1.146.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	66.4253	-69.80	-68.36	-25.00	43.36	Vertical
2	112.1631	-70.77	-64.55	-25.00	39.55	Vertical
3	511.8231	-70.71	-65.96	-25.00	40.96	Vertical
4	7351.1450	-57.37	-56.85	-25.00	31.85	Vertical
5	14503.883	-61.73	-49.26	-25.00	24.26	Vertical
6	17999.000	-60.29	-42.44	-25.00	17.44	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.147. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT1

1.147.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.7932	-70.44	-63.43	-25.00	38.43	Horizontal
2	236.9598	-70.95	-68.15	-25.00	43.15	Horizontal
3	503.9172	-69.54	-64.19	-25.00	39.19	Horizontal
4	3635.5212	-52.69	-60.94	-25.00	35.94	Horizontal
5	7752.1584	-54.62	-55.77	-25.00	30.77	Horizontal
6	16395.946	-59.78	-45.40	-25.00	20.40	Horizontal



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.148. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT1

1.148.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.7934	-68.13	-66.34	-25.00	41.34	Vertical
2	111.6781	-70.56	-64.30	-25.00	39.30	Vertical
3	432.3761	-70.17	-66.69	-25.00	41.69	Vertical
4	7372.1457	-57.96	-57.43	-25.00	32.43	Vertical
5	10535.751	-59.17	-52.09	-25.00	27.09	Vertical
6	17993.499	-60.02	-42.30	-25.00	17.30	Vertical



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t (86-29) 6282 7885 sgs.china@sgs.com

1.149. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT1

1.149.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.5621	-70.38	-63.49	-25.00	38.49	Horizontal
2	241.8586	-70.88	-68.13	-25.00	43.13	Horizontal
3	615.3758	-71.11	-63.40	-25.00	38.40	Horizontal
4	3936.5312	-54.63	-63.00	-25.00	38.00	Horizontal
5	8012.6671	-52.82	-51.85	-25.00	26.85	Horizontal
6	16391.446	-59.51	-45.21	-25.00	20.21	Horizontal



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.150. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT1

1.150.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	111.0476	-70.37	-64.05	-25.00	39.05	Vertical
2	417.1949	-70.88	-67.81	-25.00	42.81	Vertical
3	3626.0209	-53.03	-62.19	-25.00	37.19	Vertical
4	8013.6671	-47.42	-45.78	-25.00	20.78	Vertical
5	14468.382	-61.08	-48.83	-25.00	23.83	Vertical
6	17992.999	-60.01	-42.31	-25.00	17.31	Vertical



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t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.151. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT2

1.151.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.1627	-70.42	-63.44	-25.00	38.44	Horizontal
2	248.5519	-70.32	-67.72	-25.00	42.72	Horizontal
3	748.3209	-71.20	-61.30	-25.00	36.30	Horizontal
4	3524.5175	-52.48	-61.21	-25.00	36.21	Horizontal
5	7491.6497	-42.84	-42.85	-25.00	17.85	Horizontal
6	16398.446	-58.33	-43.91	-25.00	18.91	Horizontal



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1.152. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT2

1.152.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.9215	-69.66	-74.72	-25.00	49.72	Vertical
2	109.7380	-70.64	-64.29	-25.00	39.29	Vertical
3	610.6225	-71.08	-63.48	-25.00	38.48	Vertical
4	3652.0217	-52.72	-61.95	-25.00	36.95	Vertical
5	7490.1497	-47.16	-47.03	-25.00	22.03	Vertical
6	17999.500	-57.83	-39.96	-25.00	14.96	Vertical



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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.153. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT2

1.153.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	36.5963	-69.43	-63.81	-25.00	38.81	Horizontal
2	99.4555	-70.73	-75.31	-25.00	50.31	Horizontal
3	237.5904	-69.97	-67.17	-25.00	42.17	Horizontal
4	3562.5188	-52.43	-60.83	-25.00	35.83	Horizontal
5	7467.6489	-56.76	-56.78	-25.00	31.78	Horizontal
6	16399.946	-58.20	-43.75	-25.00	18.75	Horizontal



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1.154. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT2

1.154.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.3395	-69.96	-74.44	-25.00	49.44	Vertical
2	117.0134	-69.91	-64.12	-25.00	39.12	Vertical
3	612.3686	-71.14	-63.54	-25.00	38.54	Vertical
4	3521.0174	-51.98	-61.83	-25.00	36.83	Vertical
5	7752.6584	-54.06	-54.79	-25.00	29.79	Vertical
6	17994.999	-57.65	-39.90	-25.00	14.90	Vertical



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1.155. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT2

1.155.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.9316	-70.18	-63.32	-25.00	38.32	Horizontal
2	112.8421	-70.20	-75.55	-25.00	50.55	Horizontal
3	253.4992	-68.55	-66.73	-25.00	41.73	Horizontal
4	3651.5217	-53.15	-61.48	-25.00	36.48	Horizontal
5	7353.1451	-56.76	-56.94	-25.00	31.94	Horizontal
6	16388.446	-58.27	-44.03	-25.00	19.03	Horizontal



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1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.156. Test Band = LTE_Band=41 BW=20MHz _TM1 ANT2

1.156.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.7275	-69.85	-74.72	-25.00	49.72	Vertical
2	109.8350	-70.35	-63.98	-25.00	38.98	Vertical
3	749.5820	-71.44	-61.80	-25.00	36.80	Vertical
4	3511.5171	-52.19	-62.14	-25.00	37.14	Vertical
5	7346.1449	-57.06	-56.55	-25.00	31.55	Vertical
6	17999.500	-57.51	-39.64	-25.00	14.64	Vertical



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

11F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元11层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.157. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT1

1.157.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.7376	-69.80	-62.95	-13.00	49.95	Horizontal
2	231.8671	-70.16	-67.34	-13.00	54.34	Horizontal
3	534.2312	-69.98	-63.95	-13.00	50.95	Horizontal
4	3422.0141	-50.15	-60.13	-13.00	47.13	Horizontal
5	7354.1451	-57.12	-57.29	-13.00	44.29	Horizontal
6	16379.446	-59.42	-45.34	-13.00	32.34	Horizontal



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1.158. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT1

1.158.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	65.2128	-70.57	-69.18	-13.00	56.18	Vertical
2	109.3015	-71.18	-64.93	-13.00	51.93	Vertical
3	349.6310	-70.49	-68.18	-13.00	55.18	Vertical
4	7354.6452	-57.60	-57.08	-13.00	44.08	Vertical
5	11977.7993	-57.46	-50.33	-13.00	37.33	Vertical
6	17998.500	-59.93	-42.09	-13.00	29.09	Vertical



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1.159. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT1

1.159.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.5022	-70.23	-63.24	-13.00	50.24	Horizontal
2	245.1568	-70.51	-67.83	-13.00	54.83	Horizontal
3	509.5920	-69.49	-64.01	-13.00	51.01	Horizontal
4	3472.0157	-50.60	-59.91	-13.00	46.91	Horizontal
5	7459.1486	-57.56	-57.58	-13.00	44.58	Horizontal
6	16398.446	-59.82	-45.40	-13.00	32.40	Horizontal



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Wireless Laboratory

V/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.160. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT1

1.160.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	71.4211	-70.19	-68.84	-13.00	55.84	Vertical
2	110.4655	-70.52	-64.15	-13.00	51.15	Vertical
3	455.8028	-69.55	-65.34	-13.00	52.34	Vertical
4	7360.6454	-57.21	-56.69	-13.00	43.69	Vertical
5	14696.889	-61.18	-49.04	-13.00	36.04	Vertical
6	17995.999	-59.91	-42.13	-13.00	29.13	Vertical



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1.161. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT1

1.161.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4052	-70.74	-63.75	-13.00	50.75	Horizontal
2	229.1510	-70.10	-67.42	-13.00	54.42	Horizontal
3	643.7982	-71.50	-63.66	-13.00	50.66	Horizontal
4	3522.0174	-48.50	-57.25	-13.00	44.25	Horizontal
5	7356.6452	-57.36	-57.53	-13.00	44.53	Horizontal
6	16397.946	-59.70	-45.29	-13.00	32.29	Horizontal



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Wireless Laboratory

V/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.162. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT1

1.162.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.7076	-70.93	-75.19	-13.00	62.19	Vertical
2	112.1631	-70.68	-64.46	-13.00	51.46	Vertical
3	740.4150	-71.06	-61.68	-13.00	48.68	Vertical
4	3522.0174	-47.95	-57.79	-13.00	44.79	Vertical
5	7394.6465	-57.26	-56.70	-13.00	43.70	Vertical
6	17999.500	-59.47	-41.60	-13.00	28.60	Vertical



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1.163. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT2

1.163.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.7447	-70.41	-63.40	-13.00	50.40	Horizontal
2	106.8278	-69.88	-74.80	-13.00	61.80	Horizontal
3	245.3023	-69.93	-67.26	-13.00	54.26	Horizontal
4	5133.0711	-54.06	-60.71	-13.00	47.71	Horizontal
5	9315.7105	-58.69	-52.90	-13.00	39.90	Horizontal
6	16398.946	-58.30	-43.87	-13.00	30.87	Horizontal



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Wireless Laboratory

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中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.164. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT2

1.164.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.1940	-70.51	-74.85	-13.00	61.85	Vertical
2	110.2715	-70.16	-63.77	-13.00	50.77	Vertical
3	450.8070	-69.75	-65.69	-13.00	52.69	Vertical
4	3533.5178	-52.26	-61.99	-13.00	48.99	Vertical
5	7359.1453	-56.79	-56.27	-13.00	43.27	Vertical
6	17995.499	-58.27	-40.50	-13.00	27.50	Vertical



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1.165. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT2

1.165.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.8645	-70.42	-63.62	-13.00	50.62	Horizontal
2	103.3842	-70.13	-74.83	-13.00	61.83	Horizontal
3	314.7092	-67.69	-66.49	-13.00	53.49	Horizontal
4	3638.0213	-53.12	-61.39	-13.00	48.39	Horizontal
5	7495.6499	-56.78	-56.78	-13.00	43.78	Horizontal
6	16398.446	-57.98	-43.56	-13.00	30.56	Horizontal



1.166. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT2

1.166.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.7275	-70.42	-75.29	-13.00	62.29	Vertical
2	110.6110	-70.94	-64.58	-13.00	51.58	Vertical
3	621.0021	-70.43	-62.86	-13.00	49.86	Vertical
4	3767.5256	-52.85	-61.87	-13.00	48.87	Vertical
5	7352.6451	-56.89	-56.37	-13.00	43.37	Vertical
6	17996.999	-58.03	-40.23	-13.00	27.23	Vertical



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1.167. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT2

1.167.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7675	-69.29	-62.49	-13.00	49.49	Horizontal
2	100.5225	-70.54	-75.05	-13.00	62.05	Horizontal
3	239.1425	-69.86	-67.07	-13.00	54.07	Horizontal
4	3522.5174	-50.90	-59.65	-13.00	46.65	Horizontal
5	7496.6499	-57.08	-57.08	-13.00	44.08	Horizontal
6	16380.446	-58.10	-44.00	-13.00	31.00	Horizontal



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Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

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1.168. Test Band = LTE_Band=66 BW=20MHz _TM1 ANT2

1.168.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2910	-70.48	-74.92	-13.00	61.92	Vertical
2	112.4056	-70.64	-64.44	-13.00	51.44	Vertical
3	421.7541	-69.42	-66.30	-13.00	53.30	Vertical
4	3522.0174	-51.14	-60.98	-13.00	47.98	Vertical
5	7459.1486	-56.49	-56.21	-13.00	43.21	Vertical
6	17999.500	-58.01	-40.14	-13.00	27.14	Vertical



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1.169. Test Band CA 7C_TM1 ANT1

1.169.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	34.2682	-70.24	-65.66	-25.00	40.66	Horizontal
2	251.7046	-70.60	-68.39	-25.00	43.39	Horizontal
3	1800.9602	-69.77	-43.74	-25.00	18.74	Horizontal
4	7392.1757	-57.84	-57.92	-25.00	32.92	Horizontal
5	16397.335	-59.51	-45.11	-25.00	20.11	Horizontal
6	17998.199	-59.20	-46.11	-25.00	21.11	Horizontal



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1.170. Test Band CA 7C_TM1 ANT1

1.170.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	109.3015	-71.53	-65.28	-25.00	40.28	Vertical
2	833.8307	-71.74	-61.32	-25.00	36.32	Vertical
3	2189.8380	-70.07	-40.97	-25.00	15.97	Vertical
4	10560.302	-60.25	-53.30	-25.00	28.30	Vertical
5	14459.858	-61.89	-49.71	-25.00	24.71	Vertical
6	17997.599	-59.93	-42.11	-25.00	17.11	Vertical



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1.171. Test Band CA 7C_TM1 ANT1

1.171.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.8831	-72.90	-66.04	-25.00	41.04	Horizontal
2	249.2795	-73.04	-70.45	-25.00	45.45	Horizontal
3	748.8544	-72.56	-62.64	-25.00	37.64	Horizontal
4	1803.3607	-70.89	-44.88	-25.00	19.88	Horizontal
5	16383.535	-60.73	-46.58	-25.00	21.58	Horizontal
6	17998.800	-60.57	-47.46	-25.00	22.46	Horizontal



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.172. Test Band CA 7C_TM1 ANT1

1.172.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	51.6321	-72.04	-73.33	-25.00	48.33	Vertical
2	106.8763	-72.37	-66.69	-25.00	41.69	Vertical
3	702.0981	-73.11	-64.79	-25.00	39.79	Vertical
4	1725.7451	-71.04	-45.89	-25.00	20.89	Vertical
5	14508.460	-62.94	-50.51	-25.00	25.51	Vertical
6	17992.199	-60.51	-42.83	-25.00	17.83	Vertical



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1.173. Test Band CA 7C_TM1 ANT1

1.173.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.0358	-70.86	-63.86	-25.00	38.86	Horizontal
2	240.4035	-71.97	-69.19	-25.00	44.19	Horizontal
3	898.1449	-71.36	-59.48	-25.00	34.48	Horizontal
4	2164.6329	-69.67	-41.06	-25.00	16.06	Horizontal
5	7451.5781	-57.62	-57.65	-25.00	32.65	Horizontal
6	17996.999	-59.88	-46.82	-25.00	21.82	Horizontal



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1.174. Test Band CA 7C_TM1 ANT1

1.174.1. Test Channel =High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	64.9217	-71.90	-70.56	-25.00	45.56	Vertical
2	109.2045	-72.65	-66.43	-25.00	41.43	Vertical
3	1688.9378	-71.00	-45.96	-25.00	20.96	Vertical
4	7380.1752	-58.91	-58.37	-25.00	33.37	Vertical
5	14482.659	-62.87	-50.50	-25.00	25.50	Vertical
6	17995.799	-60.07	-42.30	-25.00	17.30	Vertical



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

V/F Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.175. Test Band CA38C_TM1 ANT1

1.175.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9138	-67.70	-58.58	-25.00	33.58	Horizontal
2	251.5238	-66.23	-61.69	-25.00	36.69	Horizontal
3	1504.2500	-70.61	-46.21	-25.00	21.21	Horizontal
4	5424.0808	-55.72	-56.21	-25.00	31.21	Horizontal
5	14519.884	-60.12	-48.28	-25.00	23.28	Horizontal
6	17985.499	-57.17	-42.44	-25.00	17.44	Horizontal



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1.176. Test Band CA38C_TM1 ANT1

1.176.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	63.5863	-64.24	-61.49	-25.00	36.49	Vertical
2	119.9675	-65.76	-57.85	-25.00	32.85	Vertical
3	2211.0000	-68.22	-39.39	-25.00	14.39	Vertical
4	5170.0723	-53.34	-54.58	-25.00	29.58	Vertical
5	14548.384	-59.11	-44.70	-25.00	19.70	Vertical
6	17897.996	-57.59	-39.19	-25.00	14.19	Vertical



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1.177. Test Band CA38C_TM1 ANT1

1.177.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.5800	-66.61	-57.56	-25.00	32.56	Horizontal
2	226.4250	-66.85	-62.40	-25.00	37.40	Horizontal
3	1576.5000	-69.66	-44.44	-25.00	19.44	Horizontal
4	5298.0766	-54.60	-53.03	-25.00	28.03	Horizontal
5	12998.833	-60.39	-48.52	-25.00	23.52	Horizontal
6	17992.499	-57.01	-42.29	-25.00	17.29	Horizontal



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1.178. Test Band CA38C_TM1 ANT1

1.178.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	69.4063	-68.79	-64.78	-25.00	39.78	Vertical
2	117.5425	-68.22	-60.06	-25.00	35.06	Vertical
3	611.6363	-67.07	-57.30	-25.00	32.30	Vertical
4	2313.5000	-71.24	-41.71	-25.00	16.71	Vertical
5	5248.5750	-57.16	-57.10	-25.00	32.10	Vertical
6	17983.999	-59.49	-40.01	-25.00	15.01	Vertical



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1.179. Test Band CA38C_TM1 ANT1

1.179.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.5800	-67.17	-58.12	-25.00	33.12	Horizontal
2	243.6425	-66.48	-61.94	-25.00	36.94	Horizontal
3	1594.5000	-70.09	-44.79	-25.00	19.79	Horizontal
4	5407.0802	-55.33	-55.64	-25.00	30.64	Horizontal
5	12689.323	-60.14	-49.01	-25.00	24.01	Horizontal
6	17987.999	-57.53	-42.80	-25.00	17.80	Horizontal



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1.180. Test Band CA38C_TM1 ANT1

1.180.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	67.4663	-66.69	-62.86	-25.00	37.86	Vertical
2	114.2688	-67.19	-58.70	-25.00	33.70	Vertical
3	715.5475	-67.18	-56.66	-25.00	31.66	Vertical
4	2263.0000	-69.37	-40.07	-25.00	15.07	Vertical
5	5199.0733	-55.21	-56.24	-25.00	31.24	Vertical
6	17999.000	-58.06	-38.62	-25.00	13.62	Vertical



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.181. Test Band CA7C_TM1 ANT4

1.181.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0586	-71.05	-64.23	-25.00	39.23	Horizontal
2	230.7515	-71.48	-68.65	-25.00	43.65	Horizontal
3	748.8544	-71.26	-61.34	-25.00	36.34	Horizontal
4	1786.9574	-69.45	-43.70	-25.00	18.70	Horizontal
5	7494.7798	-58.06	-58.06	-25.00	33.06	Horizontal
6	17998.800	-59.27	-46.16	-25.00	21.16	Horizontal



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1.182. Test Band CA7C_TM1 ANT4

1.182.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	68.8019	-67.58	-66.03	-25.00	41.03	Vertical
2	109.3015	-68.63	-62.38	-25.00	37.38	Vertical
3	818.6009	-69.80	-59.71	-25.00	34.71	Vertical
4	2034.2068	-67.11	-41.06	-25.00	16.06	Vertical
5	7339.3736	-56.19	-55.68	-25.00	30.68	Vertical
6	17194.167	-55.90	-44.70	-25.00	19.70	Vertical



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Wireless Laboratory

V/F Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com
t (86-29) 6282 7885 sgs.china@sgs.com

1.183. Test Band CA7C_TM1 ANT4

1.183.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.0358	-76.16	-69.16	-25.00	44.16	Horizontal
2	348.2729	-76.59	-73.97	-25.00	48.97	Horizontal
3	2332.2665	-74.90	-46.09	-25.00	21.09	Horizontal
4	7451.5781	-62.92	-62.95	-25.00	37.95	Horizontal
5	17996.999	-65.18	-52.12	-25.00	27.12	Horizontal



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Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.184. Test Band CA7C_TM1 ANT4

1.184.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	65.7948	-73.00	-71.59	-25.00	46.59	Vertical
2	109.9805	-74.03	-67.62	-25.00	42.62	Vertical
3	1646.9294	-72.74	-47.91	-25.00	22.91	Vertical
4	3852.0341	-57.94	-66.71	-25.00	41.71	Vertical
5	14452.058	-64.73	-52.61	-25.00	27.61	Vertical
6	17992.199	-62.21	-44.53	-25.00	19.53	Vertical



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V/F Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com
t (86-29) 6282 7885 sgs.china@sgs.com

1.185. Test Band CA7C_TM1 ANT4

1.185.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	38.9244	-77.60	-71.20	-25.00	46.20	Horizontal
2	222.8456	-77.36	-75.82	-25.00	50.82	Horizontal
3	725.3793	-76.93	-67.78	-25.00	42.78	Horizontal
4	2068.2136	-75.33	-48.07	-25.00	23.07	Horizontal
5	11277.9311	-65.25	-58.80	-25.00	33.80	Horizontal
6	17998.199	-64.80	-51.71	-25.00	26.71	Horizontal



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1.186. Test Band CA7C_TM1 ANT4

1.186.1. Test Channel high Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	64.9217	-76.70	-75.36	-25.00	50.36	Vertical
2	109.8350	-77.53	-71.16	-25.00	46.16	Vertical
3	846.8293	-78.72	-68.02	-25.00	43.02	Vertical
4	2125.8252	-75.64	-47.32	-25.00	22.32	Vertical
5	14576.863	-67.02	-55.22	-25.00	30.22	Vertical
6	17995.799	-64.87	-47.10	-25.00	22.10	Vertical



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Wireless Laboratory

V/F Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgs.com
t (86-29) 6282 7885 sgs.china@sgs.com

1.187. Test Band CA38C_TM1 ANT4

1.187.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	48.3088	-67.97	-60.74	-25.00	35.74	Horizontal
2	251.5238	-67.73	-63.19	-25.00	38.19	Horizontal
3	1607.0000	-71.83	-46.56	-25.00	21.56	Horizontal
4	5297.0766	-57.29	-55.74	-25.00	30.74	Horizontal
5	16437.447	-59.73	-45.38	-25.00	20.38	Horizontal
6	17985.499	-58.67	-43.94	-25.00	18.94	Horizontal



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1.188. Test Band CA38C_TM1 ANT4

1.188.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	63.5863	-66.84	-64.09	-25.00	39.09	Vertical
2	115.6025	-68.13	-59.78	-25.00	34.78	Vertical
3	1560.7500	-71.68	-46.39	-25.00	21.39	Vertical
4	5058.5686	-55.73	-57.42	-25.00	32.42	Vertical
5	14150.371	-62.67	-49.97	-25.00	24.97	Vertical
6	17988.999	-58.88	-39.41	-25.00	14.41	Vertical



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1.189. Test Band CA38C_TM1 ANT4

1.189.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.5800	-69.11	-60.06	-25.00	35.06	Horizontal
2	247.8863	-68.85	-64.10	-25.00	39.10	Horizontal
3	1591.0000	-71.88	-46.44	-25.00	21.44	Horizontal
4	5249.0750	-57.33	-56.82	-25.00	31.82	Horizontal
5	16032.434	-61.24	-47.19	-25.00	22.19	Horizontal
6	17992.499	-59.51	-44.79	-25.00	19.79	Horizontal



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1.190. Test Band CA38C_TM1 ANT4

1.190.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	67.3450	-63.88	-60.06	-25.00	35.06	Vertical
2	108.8125	-62.89	-54.33	-25.00	29.33	Vertical
3	591.5088	-62.33	-52.98	-25.00	27.98	Vertical
4	1652.7500	-66.21	-40.80	-25.00	15.80	Vertical
5	5171.5724	-51.20	-52.43	-25.00	27.43	Vertical
6	14523.884	-56.19	-42.24	-25.00	17.24	Vertical



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Wireless Laboratory

1/F, Unit D, Building 1, Kanghong Orange Science Park, No.137, Keyuan 3rd Road, Fengdong New Town, Xi'an, Shaanxi, China 710086
中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086

t (86-29) 6282 7885 www.sgsgroup.com.cn
t (86-29) 6282 7885 sgs.china@sgs.com

1.191. Test Band CA38C_TM1 ANT4

1.191.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	46.7325	-63.90	-55.77	-25.00	30.77	Horizontal
2	221.5750	-62.09	-58.48	-25.00	33.48	Horizontal
3	2259.2500	-66.30	-37.47	-25.00	12.47	Horizontal
4	5117.0706	-51.98	-52.95	-25.00	27.95	Horizontal
5	16971.965	-56.05	-39.93	-25.00	14.93	Horizontal
6	17987.999	-54.43	-39.70	-25.00	14.70	Horizontal



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1.192. Test Band CA38C_TM1 ANT4

1.192.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	67.4663	-66.19	-62.36	-25.00	37.36	Vertical
2	114.2688	-66.69	-58.20	-25.00	33.20	Vertical
3	2163.7500	-69.56	-41.49	-25.00	16.49	Vertical
4	5132.0711	-54.63	-55.99	-25.00	30.99	Vertical
5	13034.334	-59.57	-48.96	-25.00	23.96	Vertical
6	16930.464	-59.01	-44.60	-25.00	19.60	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 All modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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