

SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 1 of 14

FCC TEST REPORT PART 0

SZCR2409003493WM **Application No.:**

Applicant: Xiaomi Communications Co., Ltd. Manufacturer: Xiaomi Communications Co., Ltd.

Product Name: Mobile Phone Model No.(EUT): 24117RK2CG

Trade Mark: POCO

FCC ID: 2AFZZRK2CG **Date of Receipt:** 2024/09/29

Date of Test: 2024/10/10 to 2024/10/21

Date of Issue: 2024/10/31 **Test conclusion: PASS**

EMC Laboratory Manager



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

2 of 14 Page:

REVISION HISTORY

| Report Number | Revision | Description | Issue Date |
|------------------|----------|-------------|------------|
| SZCR240900349310 | 01 | Original | 2024/10/31 |
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| Authorized for issue by: | | |
|--------------------------|----------------------------|--|
| | Levin lan | |
| | Kevin Lan/Project Engineer | |
| | Exic Fu | |
| | Eric Fu/Reviewer | |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

3 of 14 Page:

CONTENTS

| 1 | GEN | ERAL INFORMATION | 4 |
|---|-----|-----------------------------------|------|
| | 1.1 | DETAILS OF CLIENT | 4 |
| | | TEST LOCATION | |
| | 1.3 | TEST FACILITY | 5 |
| | | GENERAL DESCRIPTION OF EUT | |
| | 1.5 | TIME-AVERAGING FOR SAR | 8 |
| 2 | SAR | CHARACTERIZATION | 9 |
| | 2.1 | DSI AND SAR DETERMINATION | 9 |
| | 2.2 | SAR DESIGN TARGET AND UNCERTAINTY | . 10 |
| | 2.3 | SAR CHAR | . 12 |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 4 of 14

1 General Information

1.1 Details of Client

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

1.2 Test Location

| Company: | SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch |
|----------------|---|
| Address: | No. 1 Workshop, M-10, Middle section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China |
| Post code: | 518057 |
| Test engineer: | Vito Wang, Charley Yi |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 5 of 14

1.3 Test Facility

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

A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

• FCC -Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

6 of 14 Page:

1.4 General Description of EUT

| Device Type : portable device | | | | | | | |
|--------------------------------|--|--------------------------|-------------|--|--|--|--|
| Exposure Category: | uncontrolled environment / g | eneral population | | | | | |
| Product Name: | Mobile Phone | | | | | | |
| Model No.(EUT): | 24117RK2CG | | | | | | |
| Trade Mark: | POCO | | | | | | |
| Product Phase: | Identical Prototype | | | | | | |
| | 866966070024968 ; 866 | 5966070026443 | | | | | |
| | 866966070034405 ; 866 | 6966070034447 | | | | | |
| IMEI: | 866966070037846 ; 866 | 6966070039388 | | | | | |
| | · · | 6966070034322 | | | | | |
| | · · | 3966070033589 | | | | | |
| Device Operating Configuration | | | | | | | |
| Modulation Mode: | GSM: GMSK, 8PSK; WCDMA: QPSK,16QAM; LTE: QPSK,16QAM,64QAM; 5G NR: DET-S-OEDM (PI/2 RPSK OPSK 16QAM 64QAM 256QAM) | | | | | | |
| Hardware Version: | 135100011 | | | | | | |
| Software Version: | Xiaomi HyperOS 2.0 | | | | | | |
| Device Class: | В | | | | | | |
| GPRS Multi-slots Class: | 33 | EGPRS Multi-slots Class: | 33 | | | | |
| HSDPA UE Category: | 24 | HSUPA UE Category | 6 | | | | |
| DC-HSDPA UE Category: | 24 | , <u> </u> | | | | | |
| | 4,tested with power level 5(GSM850) | | | | | | |
| Dawar Class | 1,tested with power level 0(GSM1900) | | | | | | |
| Power Class | 3, tested with power control "all 1"(WCDMA Band) | | | | | | |
| | 3, tested with power control Max Power(LTE Band) | | | | | | |
| | Band | Tx (MHz) | Rx (MHz) | | | | |
| | GSM850 | 824 - 849 | 869 - 894 | | | | |
| | GSM1900 | 1850 - 1910 | 1930 - 1990 | | | | |
| | WCDMA Band II | 1850 - 1910 | 1930 - 1990 | | | | |
| | WCDMA Band IV | 1710 - 1755 | 2110 - 2155 | | | | |
| Fraguency Bonday | WCDMA Band V | 824 - 849 | 869 - 894 | | | | |
| Frequency Bands: | LTE Band 2 | 1850 - 1910 | 1930 - 1990 | | | | |
| | LTE Band 4 | 1710 - 1755 | 2110 - 2155 | | | | |
| | LTE Band 5 | 824 - 849 | 869 - 894 | | | | |
| | LTE Band 7 | 2500 - 2570 | 2620 - 2690 | | | | |
| | LTE Band 26 | 814 - 849 | 859 - 894 | | | | |
| | LTE Band 66 | 1710 - 1780 | 2110 - 2200 | | | | |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

7 of 14 Page:

| | LTE Band 38 | 2570 - 2620 | 2570 - 2620 | | |
|------------------------------------|---|---|----------------------------|--|--|
| | LTE Band 41 | 2496 - 2690 | 2496 - 2690 | | |
| | LTE Band 42 | 3450 - 3600 | 3450 - 3600 | | |
| | LTE Band 48 | 3550 - 3700 | 3550 - 3700 | | |
| | NR Band n2 | 1850 - 1910 | 1930 - 1990 | | |
| | NR Band n5 | 824 - 849 | 869 - 894 | | |
| | NR Band n7 | 2500 - 2570 | 2620 - 2690 | | |
| | NR Band n26 | 814 - 849 | 859 - 894 | | |
| | NR Band n66 | 1710 - 1780 | 2110 - 2200 | | |
| | NR Band n38 | 2570 - 2620 | 2570 - 2620 | | |
| | NR Band n41 | 2496 - 2690 | 2496 - 2690 | | |
| | NR Band n48 | 3550 - 3700 | 3550 - 3700 | | |
| | ND Dand n77 | 3450 - 3550 | 3450 - 3550 | | |
| | NR Band n77 | 3700 - 3980 | 3700 - 3980 | | |
| | ND Dand n70 | 3450 - 3550 | 3450 - 3550 | | |
| | NR Band n78 | 3700 - 3800 | 3700 - 3800 | | |
| | Bluetooth | 2400 - 2483.5 | 2400 - 2483.5 | | |
| | Wi-Fi 2.4G | 2402 - 2462 | 2402 - 2462 | | |
| | | 5150 - 5250 | 5150 - 5250 | | |
| | 14/5 F: 50 | 5250 - 5350 | 5250 - 5350 | | |
| | Wi-Fi 5G | 5470 - 5725 | 5470 - 5725 | | |
| | | 5725 - 5850 | 5725 - 5850 | | |
| RF Cable: | □ Provided by the second control of | the applicant Provided by th | e laboratory | | |
| | Model: | BP59 | | | |
| D. H In factor of the | Normal Voltage: | +3.91V | | | |
| Battery Information: | Rated capacity: | 5830mAh | | | |
| | Manufacturer: | NVT | | | |
| Note: *Since the above data and/or | information is provided by the client rela | avent regults or conclusions of this rene | rt are only made for these | | |

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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 8 of 14

1.5 Time-Averaging for SAR

The equipment under test (EUT) is a portable handset, it contains the Qualcomm modem supporting 2G/3G/4G/5G NR/BT/WLAN/NFC bands, but only 4G/5G NR/BT/WLAN are enabled with Qualcomm Smart Transmit feature to control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is in compliance with the FCC requirement. All WWAN Band are configured for peak exposure mode, we verification the applicable cases in part2.

Nomenclature for Part 0 Report:

| Technology | Term | Description | | |
|------------|-------------------|---|--|--|
| | Plimit | Power level that corresponds to the exposure design target (SAR_design_target) after accounting for all device design related uncertainties | | |
| WWAN | P _{max} | Maximum tune up output power | | |
| | SAR_design_target | Target SAR level < FCC SAR limit after accounting for all device design related uncertainties | | |
| | SAR Char | Table containing Plimit for all technologies and bands | | |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 9 of 14

2 SAR CHARACTERIZATION

2.1 DSI and SAR Determination

This device uses different Device State Index (DSI) to configure different time averaged power levels based on certain exposure scenarios. Depending on the detection scheme implemented in the smartphone, the worst-case SAR was determined by measurements for the relevant exposure conditions for that DSI. Detailed descriptions of the detection mechanisms are included in the operational description.

When 1g SAR and 10g SAR exposure comparison is needed, the worst-case was determined from SAR normalized to 1g or 10g SAR limit.

The device state index (DSI) conditions used in Table 1 represent different exposure scenarios.

| Scenario Description | | SAR Test Cases | | |
|------------------------|---|--|--|--|
| Head (DSI = 1) | Device positioned next to head | Head SAR per KDB Publication 648474 D04 | | |
| | Receiver Active | | | |
| Hotspot mode (DSI = 5) | Device transmits in hotspot mode near body | Hotspot SAR per KDB Publication 941225 D06 | | |
| | Hotspot Mode Active | | | |
| Phablet Grip (DSI= 3) | Device is held with hand and grip sensor is triggered | Phablet SAR per KDB Publication 648474 D04 & KDB Publication 616217 D04 | | |
| Phablet (DSI = 4) | Device is held with hand and grip sensor is not triggered Distance grip sensor not triggered | Phablet SAR per KDB Publication 648474 D04 & KDB Publication 616217 D04 | | |

Table 1: DSI and Corresponding Exposure Scenarios



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 10 of 14

2.2 SAR Design Target And Uncertainty

SAR_design_target is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer.

$$SAR_design_target < SAR_{regulatory_limit} \times 10 \frac{-total \ uncertainty}{10}$$

| | | | | SAR design target | SAR_design_target |
|-------------|----------|---------|-------------|-------------------|-------------------|
| Band | Mode | Antenna | Uncertainty | Head&5mm | 0mm |
| 0014.050 | GPRS 4TS | 0# | 1.0 | 0.79 | 2.07 |
| GSM 850 | GPRS 4TS | 1# | 1.5 | 0.71 | 1.84 |
| 0014 4000 | GPRS 4TS | 3# | 1.5 | 0.71 | 1.84 |
| GSM 1900 | GPRS 4TS | 5# | 1.0 | 0.79 | 2.07 |
| WCDMA DO | RMC | 3# | 1.5 | 0.71 | 1.84 |
| WCDMA_B2 | RMC | 5# | 1.0 | 0.79 | 2.07 |
| | RMC | 2# | 1.0 | 0.79 | 2.07 |
| WCDMA B4 | RMC | 3# | 1.5 | 0.71 | 1.84 |
| _ | RMC | 5# | 1.5 | 0.71 | 1.84 |
| WODAA DE | RMC | 0# | 1.0 | 0.79 | 2.07 |
| WCDMA_B5 | RMC | 1# | 1.5 | 0.71 | 1.84 |
| LTE DO | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| LTE_B2 | QPSK | 5# | 1.0 | 0.79 | 2.07 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| LTE_B4 | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| _ | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| | QPSK | 0# | 0.7 | 0.85 | 2.21 |
| LTE_B5 | QPSK | 1# | 1.5 | 0.71 | 1.84 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| LTE_B7 | QPSK | 3# | 1.5 | 0.71 | 1.84 |
| _ | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| LTE DOG | QPSK | 0# | 0.7 | 0.85 | 2.21 |
| LTE_B26 | QPSK | 1# | 1.5 | 0.71 | 1.84 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| LTE_B66 | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| _ | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| LTE DOG | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| LTE_B38 | QPSK | 4# | 1.5 | 0.71 | 1.84 |
| | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| LTE D44 D00 | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| LTE_B41 PC3 | QPSK | 4# | 1.5 | 0.71 | 1.84 |
| | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| | QPSK | 1# | 1.5 | 0.71 | 1.84 |
| LTE DAG | QPSK | 6# | 1.0 | 0.79 | 2.07 |
| LTE_B42 | QPSK | 7# | 1.5 | 0.71 | 1.84 |
| | QPSK | 8# | 1.5 | 0.71 | 1.84 |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

11 of 14 Page:

| | QPSK | 1# | 1.5 | 0.71 | 1.84 |
|--------------|---------|------|-----|------|------|
| | QPSK | 6# | 1.0 | 0.79 | 2.07 |
| LTE_B48 | QPSK | 7# | 1.5 | 0.71 | 1.84 |
| | QPSK | 8# | 1.5 | 0.71 | 1.84 |
| | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| NR5G_N2 | QPSK | 5# | 1.0 | 0.79 | 2.07 |
| ND50 N5 | QPSK | 0# | 0.7 | 0.85 | 2.21 |
| NR5G_N5 | QPSK | 1# | 1.2 | 0.76 | 1.97 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| NR5G_N7 | QPSK | 3# | 1.5 | 0.71 | 1.84 |
| | QPSK | 5# | 1.5 | 0.71 | 1.84 |
| NIDEO NICO | QPSK | 0# | 0.7 | 0.85 | 2.21 |
| NR5G_N26 | QPSK | 1# | 1.2 | 0.76 | 1.97 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| NIDEO NOO | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| NR5G_N38 | QPSK | 4# | 1.5 | 0.71 | 1.84 |
| | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| NDEC NAA DOO | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| NR5G_N41 PC3 | QPSK | 4# | 1.5 | 0.71 | 1.84 |
| | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| | QPSK | 1# | 1.5 | 0.71 | 1.84 |
| NDEC NAO | QPSK | 6# | 1.0 | 0.79 | 2.07 |
| NR5G_N48 | QPSK | 7# | 1.5 | 0.71 | 1.84 |
| | QPSK | 8# | 1.5 | 0.71 | 1.84 |
| | QPSK | 2# | 0.7 | 0.85 | 2.21 |
| NR5G_N66 | QPSK | 3# | 1.2 | 0.76 | 1.97 |
| | QPSK | 5# | 1.2 | 0.76 | 1.97 |
| | QPSK | 1# | 1.5 | 0.71 | 1.84 |
| NR5G_N77 | QPSK | 6# | 1.0 | 0.79 | 2.07 |
| PC3 | QPSK | 7# | 1.5 | 0.71 | 1.84 |
| | QPSK | 8# | 1.5 | 0.71 | 1.84 |
| | QPSK | 1# | 1.5 | 0.71 | 1.84 |
| NR5G_N78 | QPSK | 6# | 1.5 | 0.71 | 1.84 |
| PC2 | QPSK | 7# | 1.5 | 0.71 | 1.84 |
| | QPSK | 8# | 1.5 | 0.71 | 1.84 |
| | QPSK | 1# | 1.5 | 0.71 | 1.84 |
| NR5G_N78 | QPSK | 6# | 1.0 | 0.79 | 2.07 |
| PC3 | QPSK | 7# | 1.5 | 0.71 | 1.84 |
| | QPSK | 8# | 1.5 | 0.71 | 1.84 |
| | 802.11b | 16# | 2.0 | 0.63 | 1.64 |
| WIFI 2.4G | 802.11b | 7# | 2.0 | 0.63 | 1.64 |
| | 802.11b | MIMO | 2.0 | 0.63 | 1.64 |
| | 802.11 | 6# | 2.0 | 0.63 | 1.64 |
| WIFI 5G | 802.11 | 17# | 2.0 | 0.63 | 1.64 |
| | 802.11 | MIMO | 2.0 | 0.63 | 1.64 |
| Bluetooth | DH5 | 16# | 2.0 | 0.63 | 1.64 |
| Didelootii | DH5 | 7# | 2.0 | 0.63 | 1.64 |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 12 of 14

2.3 SAR Char

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target, below the predefined time-averaged power limit, for each characterized technology and band. Smart Transmit allows the device to transmit at higher power instantaneously, as high as P_{max}, when needed, but enforces power limiting to maintain time-averaged transmit power to P_{limit}. Below table shows P_{limit} EFS settings and maximum tune up output power P_{max} configured for this EUT for various transmit conditions

(DSI: Device State Index).

| | late maex). | | | P _{limit} (average) | | | |
|-------------|-------------|---------|-------------------|------------------------------|-------|-------|-----------------|
| Band | Mode | Antenna | P _{max*} | Head DSI1 | DSI 3 | DSI 4 | Hotspot DSI5 |
| GSM 850 | GPRS 4TS | 0# | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| G3W 630 | GPRS 4TS | 1# | 23.0 | 18.0 | 23.0 | 23.0 | 18.0 |
| GSM 1900 | GPRS 4TS | 3# | 21.0 | 17.0 | 21.0 | 21.0 | 17.0 |
| G2M 1900 | GPRS 4TS | 5# | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| MCDMA BO | RMC | 3# | 24.0 | 17.0 | 20.0 | 24.0 | 17.0 |
| WCDMA_B2 | RMC | 5# | 24.0 | 24.0 | 23.5 | 23.5 | 22.0 |
| | RMC | 2# | 24.0 | 17.0 | 22.5 | 22.5 | 17.0 |
| WCDMA_B4 | RMC | 3# | 23.5 | 17.5 | 20.0 | 23.5 | 17.5 |
| | RMC | 5# | 23.5 | 23.5 | 22.5 | 22.5 | 21.0 |
| WCDMA DE | RMC | 0# | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| WCDMA_B5 | RMC | 1# | 23.5 | 18.0 | 21.0 | 23.5 | 18.0 |
| LTE DO | QPSK | 3# | 24.5 | 17.5 | 19.5 | 24.5 | 17.5 |
| LTE_B2 | QPSK | 5# | 24.5 | 24.5 | 21.5 | 21.5 | 21.5 |
| | QPSK | 2# | 25.0 | 18.5 | 23.5 | 23.5 | 18.5 |
| LTE_B4 | QPSK | 3# | 24.5 | 18.5 | 21.0 | 24.5 | 18.5 |
| _ | QPSK | 5# | 24.5 | 24.5 | 20.5 | 20.5 | 20.5 |
| LTE DE | QPSK | 0# | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| LTE_B5 | QPSK | 1# | 24.0 | 18.5 | 21.0 | 24.0 | 18.5 |
| | QPSK | 2# | 25.0 | 17.5 | 20.0 | 20.0 | 17.5 |
| LTE B7 | QPSK | 3# | 24.0 | 15.5 | 18.0 | 24.0 | 15.5 |
| _ | QPSK | 5# | 24.5 | 24.5 | 20.5 | 20.5 | 20.5 |
| 1.TE DOG | QPSK | 0# | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| LTE_B26 | QPSK | 1# | 24.0 | 18.0 | 20.5 | 24.0 | 18.0 |
| | QPSK | 2# | 25.0 | 17.5 | 23.0 | 23.0 | 17.5 |
| LTE_B66 | QPSK | 3# | 24.5 | 17.5 | 21.0 | 24.5 | 17.5 |
| _ | QPSK | 5# | 24.5 | 24.5 | 21.0 | 21.0 | 21.0 |
| | QPSK | 2# | 23.0 | 17.0 | 19.5 | 19.5 | 17.0 |
| | QPSK | 3# | 22.5 | 16.5 | 18.5 | 22.0 | 16.5 |
| LTE_B38 | QPSK | 4# | 21.5 | 18.5 | 19.5 | 21.5 | 18.5 |
| | QPSK | 5# | 22.5 | 22.5 | 20.5 | 20.5 | 20.5 |
| | QPSK | 2# | 23.0 | 17.5 | 19.5 | 19.5 | 17.5 |
| | QPSK | 3# | 22.5 | 16.5 | 18.0 | 22.5 | 16.5 |
| LTE_B41 PC3 | QPSK | 4# | 21.5 | 19.5 | 20.0 | 21.5 | 19.5 |
| | QPSK | 5# | 22.5 | 22.5 | 20.0 | 20.0 | 20.0 |
| | QPSK | 1# | 20.5 | 16.0 | 19.5 | 20.5 | 16.0 |
| LTE 540 | QPSK | 6# | 23.0 | 14.0 | 18.0 | 23.0 | 14.0 |
| LTE_B42 | QPSK | 7# | 22.5 | 13.5 | 17.0 | 17.0 | 13.5 |
| | QPSK | 8# | 22.5 | 22.5 | 17.5 | 21.0 | 17.5 |
| | QPSK | 1# | 20.5 | 15.5 | 19.5 | 20.5 | 15.5 |
| | QPSK | 6# | 23.0 | 13.5 | 18.5 | 23.0 | 13.5 |
| LTE_B48 | QPSK | 7# | 22.5 | 13.5 | 17.5 | 17.5 | 13.5 |
| | QPSK | 8# | 22.5 | 22.5 | 17.5 | 21.0 | 17.0 |



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

Page: 13 of 14

| NR5G_N2 | QPSK | 3# | 24.5 | 17.0 | 19.0 | 24.5 | 17.0 |
|-----------------|---------|------|------|------|------|------|------|
| | QPSK | 5# | 24.5 | 24.5 | 20.5 | 20.5 | 20.5 |
| NDEC NE | QPSK | 0# | 25.0 | 25.0 | 24.0 | 24.0 | 24.0 |
| NR5G_N5 | QPSK | 1# | 24.5 | 19.5 | 21.0 | 24.5 | 19.5 |
| NR5G_N7 | QPSK | 2# | 25.0 | 16.0 | 19.0 | 19.0 | 16.0 |
| | QPSK | 3# | 23.5 | 16.0 | 18.0 | 23.5 | 16.0 |
| | QPSK | 5# | 24.0 | 24.0 | 19.0 | 19.0 | 19.0 |
| NR5G_N26 | QPSK | 0# | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| | QPSK | 1# | 24.5 | 19.0 | 21.0 | 24.5 | 19.0 |
| NR5G_N38 | QPSK | 2# | 25.0 | 16.0 | 19.0 | 19.0 | 16.0 |
| | QPSK | 3# | 24.5 | 16.0 | 18.0 | 24.0 | 16.0 |
| | QPSK | 4# | 23.0 | 16.5 | 18.5 | 23.0 | 16.5 |
| | QPSK | 5# | 24.5 | 24.5 | 19.5 | 19.5 | 19.5 |
| NR5G_N41 PC3 | QPSK | 2# | 25.0 | 16.0 | 18.5 | 18.5 | 16.0 |
| | QPSK | 3# | 24.5 | 16.5 | 17.5 | 24.0 | 16.5 |
| | QPSK | 4# | 23.0 | 17.0 | 19.0 | 23.0 | 17.0 |
| | QPSK | 5# | 24.5 | 24.5 | 19.5 | 19.5 | 19.5 |
| NR5G_N48 | QPSK | 1# | 23.0 | 15.5 | 19.0 | 23.0 | 15.5 |
| | QPSK | 6# | 25.0 | 13.5 | 17.0 | 25.0 | 13.5 |
| | QPSK | 7# | 24.5 | 13.5 | 16.5 | 16.5 | 13.5 |
| | QPSK | 8# | 24.5 | 24.5 | 17.0 | 21.0 | 17.0 |
| NR5G_N66 | QPSK | 2# | 25.0 | 16.5 | 22.5 | 22.5 | 16.5 |
| | QPSK | 3# | 24.5 | 17.0 | 19.5 | 24.5 | 17.0 |
| | QPSK | 5# | 24.5 | 24.5 | 21.0 | 21.0 | 20.5 |
| NR5G_N77 PC3 | QPSK | 1# | 23.0 | 16.0 | 19.5 | 23.0 | 16.0 |
| | QPSK | 6# | 25.0 | 15.0 | 16.5 | 25.0 | 15.0 |
| | QPSK | 7# | 24.5 | 14.0 | 17.0 | 17.0 | 14.0 |
| | QPSK | 8# | 24.5 | 23.0 | 17.0 | 21.0 | 17.0 |
| NR5G_N78 PC2 | QPSK | 1# | 22.0 | 15.0 | 18.5 | 22.0 | 15.0 |
| | QPSK | 6# | 24.0 | 14.0 | 16.0 | 24.0 | 14.0 |
| | QPSK | 7# | 23.5 | 13.0 | 15.5 | 15.5 | 13.0 |
| | QPSK | 8# | 23.5 | 22.0 | 15.5 | 20.0 | 15.5 |
| NR5G_N78 PC3 | QPSK | 1# | 23.0 | 16.0 | 19.5 | 23.0 | 16.0 |
| | QPSK | 6# | 25.0 | 15.0 | 17.0 | 25.0 | 15.0 |
| | QPSK | 7# | 24.5 | 14.0 | 16.5 | 16.5 | 14.0 |
| | QPSK | 8# | 24.5 | 23.0 | 16.5 | 21.0 | 16.5 |
| WIFI 2.4G | 802.11b | 16# | 18.0 | 14.0 | 18.0 | 18.0 | 18.0 |
| | 802.11b | 7# | 18.0 | 12.0 | 16.0 | 16.0 | 16.0 |
| | 802.11b | MIMO | 18.0 | 12.0 | 16.0 | 16.0 | 16.0 |
| WIFI 5G | 802.11 | 6# | 16.5 | 10.0 | 13.5 | 13.5 | 14.5 |
| | 802.11 | 17# | 17.0 | 12.0 | 14.0 | 14.0 | 15.0 |
| | 802.11 | MIMO | 16.5 | 10.0 | 13.5 | 13.5 | 14.5 |
| Bluetooth | DH5 | 16# | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 |
| | DH5 | 7# | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 |

Plimit for supported technologies and bands (actual EFS settings)

Note:

1) $^*P_{max}$ is used for RF tune up procedure. The maximum allowed output power is equal to P_{max} + Total uncertainty.



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SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900349310

14 of 14 Page:

2) The max allowed output power is the Plimit + Total uncertainty, and if Plimit is higher than Pmax, the device output power will be P_{max} instead.

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