

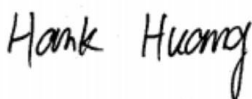
RF Exposure Report

(Part 0: SAR Char Evaluation)

APPLICANT : vivo Mobile Communication Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : vivo
MODEL NAME : V2529
FCC ID : 2AUCY-V2529
STANDARD : FCC 47 CFR PART 2 (2.1093)

We, Sporton International Inc. (Shenzhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures given in 47 CFR Part 2.1093 and FCC KDB and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Shenzhen), the test report shall not be reproduced except in full.



Approved by: Hank Huang

Sporton International Inc. (Shenzhen)
1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055
People's Republic of China



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History of this test report

Report No.	Version	Description	Issued Date
FA562603B	01	Initial issue of report	Aug. 27, 2025

1. Introduction

The RF exposure limit is defined based on time-averaged RF exposure. The product implements MediaTek TA-SAR Gen2 feature which controls the instantaneous transmitting power for WWAN and WLAN transmitter to ensure the product in compliance with RF exposure limit over a defined time window, for SAR (transmit frequency $\leq 6\text{GHz}$). To control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is compliant to the regulation requirement. TA-SAR Gen2 cannot operate without SAR characterization at the device level, beforehand.

Note that BT operations are not enabled with TA-SAR Gen2 feature.

This report describes the procedures for the SAR char generation, and the parameters obtained from SAR characterization (referred to as SAR char, respectively) will be used as input for TA-SAR Gen2 algorithm. Both SAR char will be entered via the MediaTek's NV suggestion to enable the TA-SAR Gen2 Feature.

Terminologies in this report

P_{limit}	The time-averaged RF power which corresponds to SAR_design_target.
P_{max}	Maximum target power level
SAR_design_target:	The design target for SAR compliance. It should be less than regulatory power density limit to account for all device design related uncertainty.
SAR char	P_{limit} for all the technologies/bands for all applicable ECI

2. Product Description

Product Feature & Specification	
Equipment Name	Mobile Phone
Brand Name	vivo
Model Name	V2529
FCC ID	2AUCY-V2529
Wireless Technology and Frequency Range	GSM850: 824 MHz ~ 849 MHz GSM1900: 1850 MHz ~ 1910 MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV: 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 42: 3450 MHz ~ 3550 MHz LTE Band 66: 1710 MHz ~ 1780 MHz 5G NR n2: 1850 MHz ~ 1910 MHz 5G NR n5: 824 MHz ~ 849 MHz 5G NR n7: 2500 MHz ~ 2570 MHz 5G NR n26: 814 MHz ~ 849 MHz 5G NR n38: 2570 MHz ~ 2620 MHz 5G NR n41: 2496 MHz ~ 2690 MHz 5G NR n66: 1710 MHz ~ 1780 MHz 5G NR n77: 3450 MHz ~ 3550 MHz, 3700 MHz ~ 3980 MHz 5G NR n78: 3450 MHz ~ 3550 MHz, 3700 MHz ~ 3800 MHz WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz WLAN 5.5GHz Band: 5500 MHz ~ 5720 MHz WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz NFC : 13.56 MHz
Mode	GSM/GPRS/EGPRS RMC/AMR 12.2Kbps HSDPA HSUPA DC-HSDPA HSPA+ (16QAM uplink is supported) LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 2.4GHz 802.11VHT20/VHT40 WLAN 2.4GHz 802.11ax HE20/HE40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 WLAN 5GHz 802.11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE NFC: ASK

3. SAR Characterization

SAR char must be generated to cover all radio configurations and usage scenarios that the wireless device supports for operating at WWAN and WLAN bands. It will then be used as input for TA-SAR Gen2 algorithm to control and manage RF exposure for WWAN and WLAN bands.

3.1 SAR design target and uncertainty

SAR design Target:

Band	Antenna	ECI 2	ECI 3	ECI 4	ECI 5	ECI 8	ECI 9	ECI 10
GSM850 1 Tx slots	Ant 13	0.60	0.38	0.98	2.55	2.55	0.98	0.98
GSM850 2 Tx slots	Ant 13	0.60	0.38	0.98	2.55	2.55	0.98	0.98
GSM850	Ant 31	0.98	0.98	0.98	2.55	2.55	0.98	0.98
GSM1900 GPRS 2 Tx slots	Ant 13	0.65	0.42	0.98	2.55	2.55	0.12	0.12
GSM1900 EDGE 2 Tx slots	Ant 13	0.65	0.42	0.98	2.55	2.55	0.12	0.12
GSM1900	Ant 31	0.98	0.98	0.21	2.55	2.55	0.21	0.21
WCDMA II	Ant 13	0.84	0.55	0.98	2.22	2.22	0.10	0.10
WCDMA II	Ant 31	0.98	0.98	0.26	2.55	2.55	0.20	0.20
WCDMA IV	Ant 13	0.69	0.44	0.98	2.24	2.24	0.11	0.11
WCDMA IV	Ant 31	0.98	0.98	0.20	2.55	2.55	0.18	0.18
WCDMA V	Ant 13	0.61	0.47	0.98	2.55	2.55	0.98	0.98
WCDMA V	Ant 31	0.98	0.98	0.98	2.55	2.55	0.98	0.98
LTE Band 2	Ant 13	0.79	0.54	0.98	2.18	2.18	0.10	0.10
LTE Band 2	Ant 31	0.91	0.91	0.29	2.38	2.38	0.22	0.22
LTE Band 2	Ant 11	0.91	0.19	0.91	2.38	2.38	0.91	0.91
LTE Band 4	Ant 13	0.72	0.50	0.98	2.55	2.55	0.10	0.10
LTE Band 4	Ant 31	0.91	0.91	0.17	2.38	2.38	0.15	0.15
LTE Band 4	Ant 11	0.35	0.25	0.91	2.38	2.38	0.05	0.05
LTE Band 66	Ant 13	0.72	0.50	0.98	2.10	2.10	0.10	0.10
LTE Band 66	Ant 31	0.91	0.91	0.21	2.38	2.38	0.17	0.17
LTE Band 66	Ant 11	0.35	0.25	0.91	2.38	2.38	0.05	0.05
LTE Band 5	Ant 13	0.56	0.39	0.98	2.55	2.55	0.98	0.98
LTE Band 5	Ant 31	0.91	0.91	0.91	2.38	2.38	0.91	0.91
LTE Band 26	Ant 13	0.56	0.39	0.98	2.55	2.55	0.98	0.98
LTE Band 26	Ant 31	0.91	0.91	0.91	2.38	2.38	0.91	0.91
LTE Band 7	Ant 13	0.68	0.49	0.49	1.73	1.73	0.12	0.12
LTE Band 7	Ant 31	0.91	0.91	0.15	2.38	2.38	0.15	0.15
LTE Band 7	Ant 11	0.50	0.35	0.91	2.38	2.38	0.08	0.08
LTE Band 12	Ant 13	0.98	0.45	0.98	2.55	2.55	0.98	0.98
LTE Band 12	Ant 31	0.91	0.91	0.91	2.38	2.38	0.91	0.91
LTE Band 17	Ant 13	0.98	0.45	0.98	2.55	2.55	0.98	0.98
LTE Band 17	Ant 31	0.91	0.91	0.91	2.38	2.38	0.91	0.91
LTE Band 13	Ant 13	0.98	0.43	0.98	2.55	2.55	0.98	0.98
LTE Band 13	Ant 31	0.91	0.91	0.91	2.38	2.38	0.91	0.91
LTE Band 38	Ant 13	0.58	0.42	0.44	1.74	1.74	0.13	0.13
LTE Band 38	Ant 31	0.91	0.91	0.18	2.38	2.38	0.18	0.18
LTE Band 38	Ant 11	0.60	0.43	0.91	2.28	2.28	0.06	0.06
LTE Band 41	Ant 13	0.58	0.42	0.44	1.62	1.62	0.13	0.13
LTE Band 41	Ant 31	0.91	0.91	0.18	2.38	2.38	0.18	0.18
LTE Band 41	Ant 11	0.60	0.43	0.91	2.38	2.38	0.06	0.06
LTE Band 42	Ant 11	0.59	0.47	0.98	2.31	2.31	0.11	0.11
LTE Band 42	Ant 12	0.59	0.41	0.91	2.38	2.38	0.91	0.91

LTE Band 42	Ant 21	0.65	0.50	0.91	2.38	2.38	0.27	0.27
LTE Band 42	Ant 23	0.85	0.45	0.91	2.38	2.38	0.91	0.91
FR1 n2	Ant 13	0.80	0.50	0.98	2.03	2.03	0.10	0.10
FR1 n2	Ant 31	0.91	0.91	0.29	2.38	2.38	0.21	0.21
FR1 n2	Ant 11	0.91	0.19	0.91	2.38	2.38	0.91	0.91
FR1 n5	Ant 13	0.29	0.20	0.98	2.55	2.55	0.98	0.98
FR1 n5	Ant 31	0.91	0.91	0.91	2.38	2.38	0.91	0.91
FR1 n26	Ant 13	0.29	0.20	0.98	2.55	2.55	0.98	0.98
FR1 n26	Ant 31	0.91	0.91	0.91	2.38	2.38	0.91	0.91
FR1 n7	Ant 13	0.57	0.44	0.62	1.67	1.67	0.15	0.15
FR1 n7	Ant 31	0.91	0.91	0.16	2.38	2.38	0.13	0.13
FR1 n7	Ant 11	0.53	0.37	0.91	2.38	2.38	0.07	0.07
FR1 n66	Ant 13	0.74	0.53	0.98	1.80	1.80	0.10	0.10
FR1 n66	Ant 31	0.91	0.91	0.20	2.38	2.38	0.16	0.16
FR1 n66	Ant 11	0.39	0.27	0.91	2.38	2.38	0.04	0.04
FR1 n38	Ant 13	0.58	0.47	0.79	2.55	2.55	0.20	0.20
FR1 n38	Ant 31	0.91	0.91	0.27	2.38	2.38	0.27	0.27
FR1 n38	Ant 11	0.65	0.36	0.91	2.38	2.38	0.12	0.12
FR1 n41_PC3	Ant 13	0.58	0.47	0.79	1.83	1.83	0.20	0.20
FR1 n41_PC2	Ant 13	0.58	0.47	0.79	1.83	1.83	0.20	0.20
FR1 n41_PC3	Ant 31	0.81	0.34	0.27	2.12	2.12	0.27	0.27
FR1 n41_PC2	Ant 31	0.81	0.34	0.27	2.12	2.12	0.27	0.27
FR1 n41_PC3	Ant 11	0.65	0.36	0.81	2.10	2.10	0.12	0.12
FR1 n41_PC2	Ant 11	0.65	0.36	0.81	2.10	2.10	0.12	0.12
FR1 n77	Ant 11	0.68	0.44	0.98	2.22	2.22	0.13	0.13
FR1 n77	Ant 12	0.65	0.40	0.91	2.38	2.38	0.08	0.08
FR1 n77	Ant 21	0.51	0.40	0.35	2.38	2.38	0.20	0.20
FR1 n77	Ant 23	0.65	0.39	0.28	2.38	2.38	0.21	0.21
FR1 n78_PC3	Ant 11	0.75	0.41	0.81	2.47	2.47	0.12	0.12
FR1 n78_PC2	Ant 11	0.75	0.41	0.81	2.47	2.47	0.12	0.12
FR1 n78_PC3	Ant 12	0.64	0.41	0.81	1.30	1.30	0.10	0.10
FR1 n78_PC2	Ant 12	0.64	0.41	0.81	1.30	1.30	0.10	0.10
FR1 n78_PC3	Ant 21	0.57	0.39	0.48	2.12	2.12	0.30	0.30
FR1 n78_PC2	Ant 21	0.57	0.39	0.48	2.12	2.12	0.30	0.30
FR1 n78_PC3	Ant 23	0.69	0.34	0.30	2.12	2.12	0.19	0.19
FR1 n78_PC2	Ant 23	0.69	0.34	0.30	2.12	2.12	0.19	0.19

Band	Antenna	Head_Standalone	Head_Simultaneous	Body worn_Standalone	Body worn_Simultaneous	Hotspot_Standalone	Hotspot_Simultaneous	Extremity_Standalone	Extremity_Simultaneous
WLAN 2.4G	Ant 22	0.73	0.29	0.73	0.73	0.73	0.73	1.89	1.89
WLAN 5.2G	Ant 22	0.40	0.23	0.73	0.16	0.73	0.73	1.89	1.89
WLAN 5.3G	Ant 22	0.40	0.23	0.73	0.16			1.89	1.89
WLAN 5.5G	Ant 22	0.66	0.33	0.21	0.12			0.84	0.84
WLAN 5.8G	Ant 22	0.58	0.33	0.18	0.13	0.40	0.40	1.89	1.89

To account for total uncertainty, SAR_design_target should be determined as:

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

SPLSR_Group (Antenna Group):

Antenna Group 0 (AG0)	ANT13 & ANT11 & ANT12 & ANT21 & ANT23
Antenna Group 1 (AG1)	ANT31

3.2 SAR Char Table

SAR char must be generated to cover all radio configurations and usage scenarios that the wireless device supports for operating at WWAN and WLAN bands. It will then be used as input for TA-SAR Gen2 algorithm to control and manage RF exposure for WWAN and WLAN bands.

<P_{limit} for supported technologies and bands>

Band	Antenna	ECI 2	ECI 3	ECI 4	ECI 5	ECI 8	ECI 9	ECI 10	Total Uncertainty dB (k=2)	Pmax*
GSM850 1 Tx slots	Ant 13	23.2	21.0	-	-	-	-	-	0.7	23.5
GSM850 2 Tx slots	Ant 13	-	-	31.0	24.5	24.5	24.5	24.5	0.7	24.5
GSM850	Ant 31	30.6	30.6	30.5	24.5	24.5	24.5	24.5	0.7	24.5
GSM1900 GPRS 2 Tx slots	Ant 13	-	-	27.9	19.5	19.0	19.0	19.0	0.7	22.0
GSM1900 EDGE 2 Tx slots	Ant 13	18.2	16.0	-	-	-	-	-	0.7	18.5
GSM1900**	Ant 31	31.8	31.8	20.5	20.5	20.5	20.5	20.5	0.7	22.0
WCDMA II	Ant 13	17.5	16.0	27.2	19.5	18.0	18.0	18.0	0.7	23.5
WCDMA II	Ant 31	31.5	31.5	20.5	20.5	19.5	19.5	19.5	0.7	23.5
WCDMA IV	Ant 13	17.0	15.0	28.2	21.0	19.0	19.0	19.0	0.7	24.0
WCDMA IV	Ant 31	35.6	35.6	21.5	21.5	21.0	21.0	21.0	0.7	24.0
WCDMA V	Ant 13	21.5	20.5	31.7	24.0	24.0	28.8	28.8	0.7	24.0
WCDMA V	Ant 31	30.4	30.4	30.6	24.0	24.0	29.2	29.2	0.7	24.0
LTE Band 2	Ant 13	17.5	16.0	27.8	19.5	18.0	18.0	18.0	0.7	24.0
LTE Band 2	Ant 31	31.5	31.5	20.0	20.0	19.0	19.0	19.0	1.0	23.5
LTE Band 2	Ant 11	28.6	22.6	38.5	20.6	18.1	18.1	18.1	1.0	23.6
LTE Band 4	Ant 13	17.0	15.5	28.8	20.5	19.0	19.0	19.0	0.7	24.0
LTE Band 4	Ant 31	35.0	35.0	21.4	21.4	20.9	20.9	20.9	1.0	23.9
LTE Band 4	Ant 11	19.9	18.4	31.0	19.9	18.9	18.9	18.9	1.0	23.9
LTE Band 66	Ant 13	17.0	15.5	28.8	20.5	19.0	19.0	19.0	0.7	24.0
LTE Band 66	Ant 31	35.0	35.0	20.9	20.9	19.9	19.9	19.9	1.0	23.9
LTE Band 66	Ant 11	19.9	18.4	31.0	20.4	18.9	18.9	18.9	1.0	23.9
LTE Band 5	Ant 13	21.8	20.8	31.8	24.3	24.3	28.9	28.9	0.7	24.3
LTE Band 5	Ant 31	29.9	29.9	30.1	24.3	24.3	29.1	29.1	1.0	24.3
LTE Band 26	Ant 13	22.0	20.5	32.0	24.0	24.0	29.3	29.3	0.7	24.0
LTE Band 26	Ant 31	30.3	30.3	29.8	24.0	24.0	29.7	29.7	1.0	24.0
LTE Band 7	Ant 13	16.0	14.5	22.0	18.5	16.0	16.0	16.0	0.7	23.5
LTE Band 7	Ant 31	27.5	27.5	20.4	20.4	20.4	20.4	20.4	1.0	23.4
LTE Band 7	Ant 11	17.4	15.9	28.3	19.4	17.9	17.9	17.9	1.0	23.4
LTE Band 12	Ant 13	26.2	23.0	31.8	24.0	24.0	31.7	31.7	0.7	24.0
LTE Band 12	Ant 31	32.3	32.3	30.7	24.0	24.0	29.6	29.6	1.0	24.0
LTE Band 17	Ant 13	23.5	22.5	31.8	24.0	24.0	31.7	31.7	0.7	24.0
LTE Band 17	Ant 31	32.3	32.3	30.7	24.0	24.0	29.6	29.6	1.0	24.0
LTE Band 13	Ant 13	26.1	23.0	32.1	24.0	24.0	31.1	31.1	0.7	24.0
LTE Band 13	Ant 31	32.6	32.6	30.7	24.0	24.0	29.7	29.7	1.0	24.0
LTE Band 38	Ant 13	15.5	14.0	21.0	17.0	15.5	15.5	15.5	0.7	22.0
LTE Band 38	Ant 31	27.3	27.3	20.5	20.5	20.5	20.5	20.5	1.0	21.5
LTE Band 38	Ant 11	16.0	15.0	27.6	17.5	15.5	15.5	15.5	1.0	21.5
LTE Band 41	Ant 13	15.8	14.3	21.3	17.3	15.8	15.8	15.8	0.7	22.3
LTE Band 41	Ant 31	27.3	27.3	20.5	20.5	20.5	20.5	20.5	1.0	22.0
LTE Band 41	Ant 11	16.5	15.5	27.6	18.0	16.0	16.0	16.0	1.0	22.0
LTE Band 42	Ant 11	16.5	15.5	24.6	17.0	15.0	15.0	15.0	0.7	21.0
LTE Band 42	Ant 12	17.5	16.0	27.2	18.5	16.5	16.5	16.5	1.0	21.0
LTE Band 42	Ant 21	15.0	14.0	22.2	18.0	17.0	17.0	17.0	1.0	18.0
LTE Band 42	Ant 23	16.5	14.0	23.5	18.0	18.0	21.0	21.0	1.0	18.0
FR1 n2	Ant 13	17.5	16.5	27.1	19.0	17.5	17.5	17.5	0.7	23.5
FR1 n2	Ant 31	31.6	31.6	20.0	20.0	18.5	18.5	18.5	1.0	23.0
FR1 n2	Ant 11	29.0	22.2	35.9	22.2	21.2	21.2	21.2	1.0	23.2

FR1 n5	Ant 13	20.8	19.8	31.9	24.3	24.3	29.6	29.6	0.7	24.3
FR1 n5	Ant 31	30.4	30.4	30.3	24.3	24.3	29.1	29.1	1.0	24.3
FR1 n26	Ant 13	22.5	21.0	34.9	24.0	24.0	33.0	33.0	0.7	24.0
FR1 n26	Ant 31	30.6	30.6	29.9	24.0	24.0	29.2	29.2	1.0	24.0
FR1 n7	Ant 13	15.5	14.5	21.5	17.0	15.5	15.5	15.5	0.7	23.5
FR1 n7	Ant 31	26.7	26.7	20.4	20.4	19.4	19.4	19.4	1.0	23.4
FR1 n7	Ant 11	17.4	15.9	28.4	18.9	17.4	17.4	17.4	1.0	23.4
FR1 n66	Ant 13	17.0	15.5	27.6	20.0	18.0	18.0	18.0	0.7	24.0
FR1 n66	Ant 31	34.5	34.5	20.4	20.4	19.4	19.4	19.4	1.0	23.9
FR1 n66	Ant 11	19.4	17.9	31.1	19.9	17.4	17.4	17.4	1.0	23.9
FR1 n38	Ant 13	15.0	14.0	21.0	16.5	14.5	14.5	14.5	0.7	24.0
FR1 n38	Ant 31	25.8	20.5	20.5	20.5	20.5	20.5	20.5	1.0	23.5
FR1 n38	Ant 11	16.5	14.0	25.5	18.5	16.5	16.5	16.5	1.0	23.5
FR1 n41_PC3	Ant 13	16.0	15.0	22.5	18.0	16.5	16.5	16.5	0.9	22.6
FR1 n41_PC2	Ant 13								0.9	25.5
FR1 n41_PC3	Ant 31	25.8	22.0	22.0	22.0	22.0	22.0	22.0	1.5	22.4
FR1 n41_PC2	Ant 31								1.5	25.0
FR1 n41_PC3	Ant 11	18.0	15.5	25.5	19.5	17.5	17.5	17.5	1.5	22.6
FR1 n41_PC2	Ant 11								1.5	25.0
FR1 n77	Ant 11	16.5	15.0	24.8	18.5	16.5	16.5	16.5	0.7	23.5
FR1 n77	Ant 12	17.2	15.2	26.9	18.7	16.7	16.7	16.7	1.0	23.2
FR1 n77	Ant 21	14.2	13.2	18.7	18.7	16.2	16.2	16.2	1.0	20.2
FR1 n77	Ant 23	15.2	13.2	19.2	19.2	17.7	17.7	17.7	1.0	20.2
FR1 n78_PC3	Ant 11	17.5	15.0	24.0	18.5	15.5	15.5	15.5	0.9	24.0
FR1 n78_PC2	Ant 11								0.9	26.0
FR1 n78_PC3	Ant 12	17.2	15.2	26.4	19.2	17.2	17.2	17.2	1.5	24.0
FR1 n78_PC2	Ant 12								1.5	25.7
FR1 n78_PC3	Ant 21	14.7	13.2	19.2	19.2	17.2	17.2	17.2	1.5	21.5
FR1 n78_PC2	Ant 21								1.5	22.2
FR1 n78_PC3	Ant 23	16.0	13.0	20.0	20.0	18.0	18.0	18.0	1.5	21.5
FR1 n78_PC2	Ant 23								1.5	22.5

Band	Antenna	Head_Standalone	Head_Simultaneous	Body worn_Standalone	Body worn_Simultaneous	Hotspot_Standalone	Hotspot_Simultaneous	Extremity_Standalone	Extremity_Simultaneous	Pmax*	Total Uncertainty dB (k=2)
WLAN 2.4G	Ant 22	17.6	13.5	24.6	15.0	22.4	15.0	15.0	15.0	15.0	2.0
WLAN 5.2G	Ant 22	15.5	13.5	22.8	16.5	20.3	16.5	17.0	17.0	17.0	2.0
WLAN 5.3G	Ant 22	15.5	14.5	22.8	16.0			21.5	16.0	16.0	2.0
WLAN 5.5G	Ant 22	14.5	11.5	15.0	12.5			15.0	12.5	17.0	2.0
WLAN 5.8G	Ant 22	14.5	13.0	15.5	14.0	15.5	14.0	18.0	18.0	18.0	2.0

- Note: 1) *P_{max} is used for RF tune up procedure. The maximum allowed output power is equal to Pmax +total uncertainty.
2) All Plimit power levels entered in the Table correspond to average power levels after accounting for duty cycle in the case TDD modulation schemes (for e.g., GSM & LTE TDD & NR TDD).
3) The max allowed output power is the Plimit + device uncertainty, and if Plimit is higher than Pmax, the device output power will be Pmax instead.
4)The following table is duty cycle and factor used for calculating time average power.

GSM/FDD/TDD	Duty Cycle	Time average calculation factor(dB)
GSM 1TX	12.50%	-9.0
GSM 2TX	25%	-6.0
GSM 3TX	37.50%	-4.3
GSM 4TX	50%	-3.0
FDD LTE	100%	0.0
TDD LTE	63.30%	-2.0
NR FDD/TDD	100%	0.0
NR TDD HPUE	100%	0.0

-----THE END-----