

RF Exposure Report

(Part 0: SAR Char Evaluation)

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2323-1
FCC ID : IHDT56AL8
STANDARD : FCC 47 CFR PART 2 (2.1093)

We, Sporton International Inc. (Kunshan), 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. (Kunshan), the test report shall not be reproduced except in full.



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Table of Contents

1. Introduction	4
2. Product Description	5
3. SAR Characterization.....	6
3.1 SAR design target and uncertainty.....	6
3.2 SAR Char Table	7



History of this test report

Report No.	Version	Description	Issued Date
FA340401D	01	Initial issue of report	May 31, 2023
FA340401D	02	Updated the value of DSI 4 in the Plimit table	Jun. 21, 2023



1. Introduction

The RF exposure limit is defined based on time-averaged RF exposure. The product implements Qualcomm Smart Transmit feature which controls the instantaneous transmitting power for WWAN transmitter to ensure the product in compliance with RF exposure limit over a defined time window, for SAR (transmit frequency \leq 6GHz) 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. Smart Transmit cannot operate without SAR characterization at the device level, beforehand.

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 Smart Transmit. Both SAR char will be entered via the Embedded File System (EFS) to enable the Smart Transmit GEN1 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 DSI



2. Product Description

Product Feature & Specification	
Equipment Name	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2323-1
FCC ID	IHDT56AL8
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 25: 1850 MHz ~ 1915 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, 3550 MHz ~ 3600 MHz LTE Band 43: 3600 MHz ~ 3700 MHz LTE Band 48: 3550 MHz ~ 3700 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 n66: 1710 MHz ~ 1780 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n77: 3700 MHz ~ 3980 MHz 5G NR n78: 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 WLAN 6GHz U-NII-5: 5925 MHz ~ 6425 MHz WLAN 6GHz U-NII-6: 6425 MHz ~ 6525 MHz WLAN 6GHz U-NII-7: 6525 MHz ~ 6875 MHz WLAN 6GHz U-NII-8: 6875 MHz ~ 7125 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 not supported) LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR : CP-OFDM / DFT-s-OFDM, PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM WLAN 2.4GHz 802.11b/g/n HT20/HT40 WLAN 2.4GHz 802.11ax HE20/HE40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac/ax VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160 WLAN 6GHz 802.11a/ax HE20/HE40/HE80/HE160 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 6 GHz or below. It will then be used as input for Smart Transmit to control and manage RF exposure for f < 6 GHz.

3.1 SAR design target and uncertainty

SAR design Target :

FCC SAR	EUT Flip State	Measure Distance	Standalone SAR (W/kg)		Simultaneous SAR (W/kg)	
			WWAN 2/3/4/5G Bottom Ant	WWAN 2/3/4/5G Top Ant	WWAN 2/3/4/5G Bottom Ant	WWAN 2/3/4/5G Top Ant
Body Worn (1g)	Close	5 mm	1.03	0.74	0.73	0.64
	Open	5 mm	1.03	0.74	0.73	0.64
Hotspot (1g)	Close	5 mm	1.03	0.50	1.03	0.50
	Open	5mm	1.03	0.50	1.03	0.50
Head (1g)	Open	touch&tilt 15deg	1.03	0.74	0.73	0.74
Extremity (10g)	Open	0mm	2.55	1.98	1.80	1.98

Uncertainty:

Item	Uncertainty dB (k=2)
Total uncertainty	1.5

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

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

Antenna

Flip State	Flip Open	Flip Close
UAT Antenna	ANT1 & ANT3 & ANT5	ANT1 & ANT5
LAT Antenna	ANT0 & ANT2	ANT0 & ANT2 & ANT3



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 6 GHz or below. It will then be used as input for Smart Transmit to control and manage RF exposure for f < 6 GHz.

<P_{limit} for supported technologies and bands (P_{limit} in EFS file)>

Band	Antenna	Flip Open					Flip Close				P-Max*
		Head	Body Worn	Body Worn Simultaneous	Hotspot	Extremity	Body Worn	Body Worn Simultaneous	Hotspot	sensor off	
		DSI2	DSI3	DSI3	DSI9	DSI6	DSI5	DSI5	DSI10		
GSM850	Ant 0	30.70	25.60	25.60	25.40	24.70	25.40	25.40	24.30	24.70	24.70
GSM850	Ant 1	22.40	22.60	21.60	20.00	25.30	23.80	22.70	20.40	23.70	23.70
GSM1900	Ant 0	31.40	21.60	21.60	19.20	21.40	19.60	18.60	16.40	21.20	21.20
GSM1900	Ant 1	16.40	17.70	16.70	11.50	20.60	17.20	16.20	11.20	20.70	20.70
GSM1900	Ant 2	31.90	23.60	23.60	23.40	22.70	24.30	24.30	23.50	22.70	22.70
GSM1900	Ant 3	18.60	20.70	19.70	16.20	20.20	17.20	16.20	16.80	23.20	23.20
WCDMA II	Ant 0	31.90	19.20	19.20	18.70	22.90	18.40	17.40	16.60	23.00	23.00
WCDMA II	Ant 1	15.60	15.80	14.80	11.40	19.80	16.40	15.40	10.70	23.00	23.00
WCDMA II	Ant 2	31.10	21.90	21.90	20.40	23.80	21.40	20.40	18.90	23.00	23.00
WCDMA II	Ant 3	16.30	20.50	19.50	16.00	22.20	20.60	19.60	17.50	24.00	24.00
WCDMA IV	Ant 0	29.70	19.70	19.70	17.90	22.70	18.70	17.70	17.70	23.00	23.00
WCDMA IV	Ant 1	16.50	14.80	13.80	12.60	20.20	17.50	16.50	13.00	23.00	23.00
WCDMA IV	Ant 2	30.80	23.70	23.70	20.90	23.20	21.30	20.30	18.00	23.00	23.00
WCDMA IV	Ant 3	17.30	20.00	19.00	16.20	22.00	21.60	20.60	21.20	24.00	24.00
WCDMA V	Ant 0	30.40	24.80	24.80	23.50	27.40	23.30	22.30	22.20	24.00	24.00
WCDMA V	Ant 1	19.80	21.50	20.50	19.20	24.70	21.60	20.60	20.10	24.00	24.00
LTE Band 12(17)	Ant 0	29.00	23.00	23.00	23.00	22.60	24.30	24.30	22.60	23.00	23.00
LTE Band 12(17)	Ant 1	20.70	22.70	21.70	18.10	22.70	23.40	23.40	17.90	23.00	23.00
LTE Band 13	Ant 0	28.90	23.40	23.40	22.80	22.70	22.50	21.50	21.20	23.00	23.00
LTE Band 13	Ant 1	20.20	22.20	21.20	20.60	22.80	22.40	21.40	21.50	23.00	23.00
LTE Band 26(5)	Ant 0	30.00	23.20	23.20	23.40	22.60	22.30	21.30	22.70	23.00	23.00
LTE Band 26(5)	Ant 1	21.70	21.60	20.60	20.20	22.80	23.00	22.00	19.40	23.00	23.00
LTE Band 66(4) Other PA	Ant 0	31.80	19.50	19.50	19.60	22.20	18.50	17.50	17.50	23.00	23.00
LTE Band 66(4) Main PA	Ant 0	31.80	18.00	18.00	18.10	20.70	17.00	16.00	15.90	22.00	22.00
LTE Band 66(4) Other PA	Ant 1	17.80	16.60	15.60	12.30	21.20	18.40	17.40	12.20	23.00	23.00
LTE Band 66(4) Main PA	Ant 1	16.20	12.80	11.80	10.80	18.70	16.70	15.70	10.80	21.00	21.00
LTE Band 66(4) Main PA	Ant 2	29.80	22.00	22.00	20.00	22.50	21.30	20.30	17.60	22.00	22.00
LTE Band 66(4) Other PA	Ant 2	29.80	20.00	20.00	19.20	22.50	20.00	19.00	17.00	20.00	20.00
LTE Band 66(4) Main PA	Ant 3	16.90	20.80	19.80	16.00	21.40	21.10	20.10	17.20	23.00	23.00
LTE Band 66(4) Other PA	Ant 3	15.90	19.60	18.60	14.90	19.20	20.00	19.00	16.30	22.00	22.00
LTE Band 25(2)	Ant 0	32.10	20.50	20.50	20.50	21.50	19.90	18.90	17.20	22.00	22.00
LTE Band 2 Other PA	Ant 0	32.10	22.00	22.00	22.40	23.00	21.70	20.70	19.20	23.00	23.00
LTE Band 25(2)	Ant 1	15.90	16.00	15.00	10.60	20.10	16.00	16.00	11.10	21.00	21.00
LTE Band 2 Other PA	Ant 1	16.90	18.00	17.00	12.70	21.80	18.00	18.00	13.20	23.00	23.00
LTE Band 25(2)	Ant 2	30.30	21.70	21.70	20.70	23.40	22.30	22.30	21.00	22.00	22.00
LTE Band 2 Other PA	Ant 2	30.30	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
LTE Band 25(2)	Ant 3	17.50	20.60	19.60	16.00	21.70	21.10	20.10	17.80	23.00	23.00
LTE Band 2 Other PA	Ant 3	17.30	19.60	18.60	15.00	20.50	20.10	19.10	16.90	22.00	22.00
LTE Band 7 Other PA	Ant 0	34.50	20.40	20.40	17.40	20.40	18.20	17.20	15.10	23.00	23.00
LTE Band 7 Main PA	Ant 0	34.50	19.50	19.50	16.40	19.50	17.30	16.30	14.20	23.00	23.00
LTE Band 7 Main PA	Ant 1	16.60	18.50	17.50	13.70	20.70	21.10	21.10	14.80	21.00	21.00
LTE Band 7 Other PA	Ant 1	16.60	18.50	17.50	13.50	20.20	21.00	21.00	14.50	23.00	23.00
LTE Band 7 Main PA	Ant 2	34.20	21.60	21.60	20.20	21.90	20.40	19.40	18.20	22.00	22.00
LTE Band 7 Other PA	Ant 2	34.20	22.00	22.00	21.10	22.00	21.40	20.40	19.00	22.00	22.00
LTE Band 7 Main PA	Ant 3	15.30	20.20	19.20	18.40	19.70	21.20	20.20	18.20	23.00	23.00
LTE Band 7 Other PA	Ant 3	14.90	19.90	18.90	18.10	19.60	21.00	20.00	18.20	23.00	23.00
LTE Band 41(38) PC3 Main PA	Ant 0	29.60	19.40	19.40	17.30	20.50	17.60	16.60	13.40	21.00	21.00



LTE Band 41(38) PC3 Other PA	Ant 0	29.60	20.40	20.40	18.50	21.00	18.70	17.70	14.60	22.40	21.00
LTE Band 41(38) PC3 Main PA	Ant 1	16.40	19.60	18.60	14.00	20.60	19.70	18.70	14.10	21.00	21.00
LTE Band 41(38) PC3 Other PA	Ant 1	17.20	19.60	18.60	14.30	20.60	20.10	19.10	14.50	22.40	21.00
LTE Band 41(38) PC3 Main PA	Ant 2	31.30	20.10	20.10	19.60	20.30	19.60	19.60	16.80	20.00	20.00
LTE Band 41(38) PC3 Other PA	Ant 2	31.30	20.00	20.00	20.00	20.00	20.00	20.00	17.90	21.40	20.00
LTE Band 41(38) PC3 Main PA	Ant 3	15.30	19.80	18.80	18.10	19.60	21.10	20.00	16.80	21.40	21.00
LTE Band 41(38) PC3 Other PA	Ant 3	15.20	20.20	19.20	18.50	19.80	21.00	20.00	17.30	22.40	21.00
LTE Band 41HPUE Main PA	Ant 0	29.60	19.40	19.40	17.30	20.50	17.60	16.60	13.40	21.00	20.40
LTE Band 41HPUE Other PA	Ant 0	29.60	20.40	20.40	18.50	21.00	18.70	17.70	14.60	22.40	22.40
LTE Band 41HPUE Main PA	Ant 1	16.40	19.60	18.60	14.00	20.60	19.70	18.70	14.10	21.00	20.40
LTE Band 41HPUE Other PA	Ant 1	17.20	19.60	18.60	14.30	20.60	20.10	19.10	14.50	22.40	22.40
LTE Band 41HPUE Main PA	Ant 2	31.30	20.10	20.10	19.60	20.60	19.60	19.60	16.80	20.00	19.40
LTE Band 41HPUE Other PA	Ant 2	31.30	21.40	21.40	21.40	21.40	20.80	20.80	17.90	21.40	21.40
LTE Band 41HPUE Main PA	Ant 3	15.30	19.80	18.80	18.10	19.60	21.10	20.10	16.80	21.40	21.40
LTE Band 41HPUE Other PA	Ant 3	15.20	20.20	19.20	18.50	19.80	21.10	20.10	17.30	22.40	22.40
LTE Band 42	Ant 1	14.10	17.30	16.30	13.00	23.00	21.90	21.90	13.20	20.00	20.00
LTE Band 42	Ant 2	28.90	24.60	24.60	24.60	21.00	22.90	22.90	22.60	21.00	21.00
LTE Band 42	Ant 3	16.30	18.20	17.20	13.70	20.80	18.00	17.00	12.40	21.00	21.00
LTE Band 42	Ant 5	16.20	22.10	22.10	12.70	21.30	22.30	22.30	15.10	21.00	21.00
LTE Band 43	Ant 1	18.90	24.90	24.90	20.30	20.00	28.20	28.20	16.60	19.00	19.00
LTE Band 48	Ant 1	18.90	24.90	24.90	20.30	20.00	28.20	28.20	16.60	20.00	20.00
LTE Band 48 (43)	Ant 2	28.50	24.90	24.90	23.60	20.00	23.80	23.80	22.20	20.00	20.00
LTE Band 48 (43)	Ant 3	14.30	17.80	16.80	12.40	20.70	18.30	17.30	11.80	21.00	21.00
LTE Band 48 (43)	Ant 5	18.10	21.90	21.90	15.50	21.40	21.40	21.40	15.30	21.00	21.00
5G NR n26(5)	Ant 0	32.70	24.10	24.10	23.90	23.00	23.10	22.00	22.20	23.00	23.00
5G NR n26(5)	Ant 1	20.10	22.10	21.10	19.80	25.50	22.20	21.20	20.10	23.00	23.00
5G NR n66 Other PA	Ant 0	32.10	19.30	19.30	19.30	23.50	19.80	18.80	17.40	24.00	24.00
5G NR n66 Main PA	Ant 0	32.10	17.40	17.40	17.40	22.00	17.90	16.90	15.50	22.00	22.00
5G NR n66 Other PA	Ant 1	15.60	16.80	15.80	9.50	20.40	17.30	16.30	9.30	23.00	23.00
5G NR n66 Main PA	Ant 1	13.70	15.30	14.30	11.90	18.70	15.80	14.80	11.70	22.00	22.00
5G NR n66 Other PA	Ant 2	32.10	22.80	22.80	20.30	24.00	22.30	21.00	18.50	22.00	22.00
5G NR n66 Main PA	Ant 2	32.10	22.00	22.00	21.40	22.00	22.00	21.00	19.50	22.00	22.00
5G NR n66 Main PA	Ant 3	18.10	21.10	20.10	16.20	21.50	23.40	23.40	17.90	23.00	23.00
5G NR n66 Other PA	Ant 3	16.90	20.20	19.20	15.30	20.50	22.00	22.00	16.70	22.00	22.00
5G NR n2 Other PA	Ant 0	32.40	20.50	20.50	19.70	23.80	21.10	20.10	19.90	24.00	24.00
5G NR n2 Main PA	Ant 0	32.40	18.50	18.50	17.80	22.00	19.10	18.10	18.00	22.00	22.00
5G NR n2 Other PA	Ant 1	15.10	16.10	15.10	11.30	21.20	16.60	15.60	11.60	24.00	24.00
5G NR n2 Main PA	Ant 1	12.90	14.20	13.20	9.40	19.20	14.50	13.50	9.70	22.00	22.00
5G NR n2 Other PA	Ant 2	32.20	22.80	22.80	21.50	25.90	23.10	23.10	22.30	22.00	22.00
5G NR n2 Main PA	Ant 2	32.20	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
5G NR n2 Main PA	Ant 3	17.30	21.00	20.00	16.10	21.80	20.90	19.90	17.80	23.00	23.00
5G NR n2 Other PA	Ant 3	16.50	20.10	19.10	15.30	20.90	20.10	19.10	16.90	22.00	22.00
5G NR n7 Other PA	Ant 0	34.20	19.30	19.30	18.50	21.40	19.00	18.00	16.20	24.00	24.00
5G NR n7 Main PA	Ant 0	34.20	17.90	17.90	17.00	20.10	17.50	16.50	14.80	23.00	23.00
5G NR n7 Other PA	Ant 1	15.90	18.90	17.90	15.40	20.90	18.90	17.90	15.20	23.00	23.00
5G NR n7 Main PA	Ant 1	16.00	18.60	17.60	15.20	20.70	18.70	17.70	15.00	23.00	23.00
5G NR n7 Other PA	Ant 2	35.70	20.50	20.50	21.20	23.20	19.50	18.50	19.60	23.00	23.00
5G NR n7 Main PA	Ant 2	35.70	19.80	19.80	20.50	22.00	18.80	17.80	18.90	22.00	22.00
5G NR n7 Main PA	Ant 3	16.00	20.10	19.10	18.70	20.50	22.30	21.30	17.70	23.00	23.00
5G NR n7 Other PA	Ant 3	16.00	20.00	19.00	18.70	20.40	22.30	21.30	17.70	23.00	23.00
5G NR n41(38) Other PA	Ant 0	32.00	20.20	20.20	19.40	21.30	18.80	17.80	15.90	24.00	24.00
5G NR n41(38) Main PA	Ant 0	32.00	19.30	19.30	18.50	20.40	17.70	16.70	14.80	23.00	23.00
5G NR n41(38) Other PA	Ant 1	15.20	18.60	17.60	14.40	20.30	20.60	19.60	14.70	23.00	23.00
5G NR n41(38) Main PA	Ant 1	15.10	18.50	17.50	14.20	20.20	20.50	19.50	14.60	23.00	23.00
5G NR n41(38) Other PA	Ant 2	32.00	20.40	20.40	20.50	24.50	20.10	19.10	19.00	23.00	23.00
5G NR n41(38) Main PA	Ant 2	32.00	19.30	19.30	19.30	22.00	19.00	18.00	17.90	22.00	22.00



5G NR n41(38) Main PA	Ant 3	15.70	20.00	19.00	18.00	20.10	22.40	21.40	18.10	23.00	23.00
5G NR n41(38) Other PA	Ant 3	15.70	20.00	19.00	17.90	20.10	22.20	21.20	18.00	23.00	23.00
5G NR n77(78) PC3	Ant 1	13.10	22.10	21.00	18.60	22.30	22.00	21.00	15.50	22.00	22.00
5G NR n77(78) PC3	Ant 2	28.40	23.00	23.00	22.20	22.00	21.70	20.70	18.30	22.00	22.00
5G NR n77(78) PC3	Ant 3	15.20	18.00	17.00	12.70	20.10	19.90	18.90	13.00	23.00	23.00
5G NR n77(78) PC3	Ant 5	15.80	22.70	21.70	16.30	22.00	22.70	21.70	17.80	23.00	23.00
5G NR n77(78) PC2	Ant 1	13.10	22.10	21.00	18.60	22.30	22.00	21.00	15.50	22.00	21.00
5G NR n77(78) PC2	Ant 2	28.40	23.00	23.00	22.20	21.00	21.70	20.70	18.30	22.00	21.00
5G NR n77(78) PC2	Ant 3	15.20	18.00	17.00	12.70	20.10	19.90	18.90	13.00	23.00	23.00
5G NR n77(78) PC2	Ant 5	15.80	22.70	21.70	16.30	22.00	22.70	21.70	17.80	23.00	23.00

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

2) **All P_{limit} 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 P_{limit} + device uncertainty, and if P_{limit} is higher than P_{max}, the device output power will be P_{max} instead.

4) The following table is duty cycle and factor used for calculating time average power.

5) For 5GNR n77/n78 HPUE, 5GNR n77/n78 PC2 Maximum Duty Cycle is 50%, using FTM (Factory Test Mode) with 50% duty cycle is considered during SAR testing. For 5G NR other bands test, using FTM (Factory Test Mode) with default 100% duty cycle transmission to perform SAR testing.

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
TDD HPUE	43.30%	-3.6
NR FDD/TDD	100%	0.0
NR TDD HPUE for n77/78	50%	-3.0