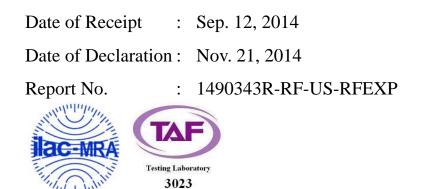


RF Exposure Evaluation declaration

Product Name	:	Intel 7260M2NA
Model No.	:	7260M2NA
FCC ID	:	PD97260NA

Applicant : Intel Mobile Communications

Address : 100 Center Point Circle, Suite 200 Columbia, South Carolina 29210 USA



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration of the equipment and evaluated measurement uncertainty herein.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of QuieTek Corporation.

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Intel 7260M2NA
Model No.	7260M2NA
Trade Name	Intel
IMEI No.	004402-xx-xxxxxx-x
FCC ID	PD97260NA
TX Frequency	GSM850: 824.2 ~ 848.8 MHz
	GSM1900: 1850.2~ 1909.8MHz
	WCDMA Band 2: 1852.4 ~ 1907.6 MHz
	WCDMA Band 4: 1712.4~ 1752.6 MHz
	WCDMA Band 5: 826.4~ 846.6 MHz
	LTE Band 2: 1850~1910MHz
	LTE Band 4: 1710~1755MHz
	LTE Band 5: 824~849MHz
	LTE Band 17: 704~716MHz
Rx Frequency	GSM850: 869.2 ~ 893.8 MHz
	GSM1900: 1930.2 ~ 1989.8 MHz
	WCDMA Band 2: 1932.4 ~ 1987.6 MHz
	WCDMA Band 4: 2112.4 ~ 2152.6 MHz
	WCDMA Band 5: 871.4 ~ 891.6 MHz
	LTE Band 2: 1930~1990MHz
	LTE Band 4: 2110~2155MHz
	LTE Band 5: 869~894MHz
	LTE Band 17: 734~746MHz
HW Version	PR3.1
SW Version	1433
Antenna Type	Dipole

1.2. Antenna List :

No.	Manufacturer	Part No.	Peak Gain
1	Pulse	SPDA24700/2700	2dBi

2. **RF Exposure Evaluation**

2.1. Limits

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b).

LIMITSTOK MAXIMONTLEKMISSIDEL EXTOSORE (MLE)								
Frequency Range	Electric Field	Magnetic Field	Power Density	Average Time				
(MHz)	Strength (V/m)	Strength (A/m)	(mW/cm^2)	(Minutes)				
(A) Limits for Occup	(A) Limits for Occupational/ Control Exposures							
300-1500			F/300	6				
1500-100,000			5	6				
(B) Limits for Gener	al Population/ Uncon	trolled Exposures						
300-1500			F/1500	30				
1500-100,000			1	30				

LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

F= Frequency in MHz

Friis Formula

Friis transmission formula: $Pd = (Pout*G)/(4*Pi*R^2)$

Where

 $Pd = power density in mW/cm^2$

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

Pd is the limit of MPE, 1 mW/cm^2 . If we know the maximum gain of the antenna and the total power input to the antenna, through the calculation, we will know the distance r where the MPE limit is reached.

2.2. Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

The temperature and related humidity: 21°C and 60% RH.

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2.3. Test Result of RF Exposure Evaluation

Product	:	Intel 7260M2NA
Test Item	:	RF Exposure Evaluation
Test Site	:	N/A

GPRS 850

Peak Gain: 2dBi

Frequency	Conducted Peak Power (dBm)	Maximum ERP (W)	Maximum ERP Limit(W)	Duty Cycle (%)	Conducted Average Power (dBm)	Output Power to Antenna (mW)	Power Density at R = 20 cm (mW/cm ²)	Limit (mW/cm ²)	Pass/Fail
848.8	32.07	1.56	7	12.5	23.04	201.3	0.0635	0.57	Pass
836.4	31.78	1.46	7	25	25.76	376.7	0.1188	0.56	Pass
836.4	31.29	1.30	7	37.5	27.03	504.7	0.1591	0.56	Pass
836.4	30.58	1.10	7	50	27.57	571.4	0.1802	0.56	Pass

EGPRS 850

Peak Gain: 2dBi

Frequency	Conducted Peak Power (dBm)	Maximum ERP/EIRP (W)	Maximum ERP/EIRP Limit(W)	Duty Cycle (%)	Conducted Average Power (dBm)	Output Power to Antenna (mW)	Power Density at R = 20 cm (mW/cm^2)	Limit (mW/cm ²)	Pass/Fail
824.2	27.54	0.55	7	12.5	18.51	70.9	0.0224	0.55	Pass
824.2	27.48	0.54	7	25	21.46	139.9	0.0441	0.55	Pass
824.2	26.85	0.47	7	37.5	22.59	181.6	0.0572	0.55	Pass
824.2	25.74	0.36	7	50	22.73	187.5	0.00591	0.55	Pass

GPRS 1900 Peak Gain: 2dBi

Frequency	Conducted Peak Power (dBm)	Maximum EIRP (W)	Maximum EIRP Limit(W)	Duty Cycle (%)	Conducted Average Power (dBm)	Output Power to Antenna (mW)	Power Density at R = 20 cm (mW/cm^2)	Limit (mW/cm ²)	Pass/Fail
1850.2	29.84	1.53	2	12.5	20.81	120.5	0.0380	1	Pass
1850.2	29.83	1.52	2	25	23.81	240.4	0.0758	1	Pass
1850.2	29.27	1.34	2	37.5	25.01	317.0	0.0999	1	Pass
1850.2	28.18	1.04	2	50	25.17	328.8	0.1037	1	Pass

EGPRS 1900

Peak Gain: 2dBi

Frequency	Conducted Peak Power (dBm)	Maximum EIRP (W)	Maximum EIRP Limit(W)	Duty Cycle (%)	Conducted Average Power (dBm)	Output Power to Antenna (mW)	Power Density at R = 20 cm (mW/cm^2)	Limit (mW/cm ²)	Pass/Fail
1909.8	26.67	0.74	2	12.5	17.64	58.1	0.0183	1	Pass
1909.8	26.76	0.75	2	25	20.74	118.6	0.0374	1	Pass
1909.8	25.99	0.63	2	37.5	21.73	148.9	0.0470	1	Pass
1909.8	24.75	0.47	2	50	21.74	149.3	0.0471	1	Pass

WCDMA

Peak Gain: 2dBi

Band	Frequency	Conducted Peak Power (dBm)	Maximum ERP/EIRP (W)	Maximum ERP/EIRP Limit (W)	Duty Cycle (%)	Conducted Average Power (dBm)	Output Power to Antenna (mW)	Power Density at R = 20 cm (mW/cm^2)	Limit (mW/cm ²)	Pass/Fail
II	1852.4	24.66	0.46	2	100	24.66	292.4	0.0922	1	Pass
IV	1712.4	24.54	0.45	1	100	24.54	284.4	0.0897	1	Pass
V	826.4	23.88	0.24	7	100	23.88	244.3	0.0770	0.55	Pass

LTE Peak Gain: 2dBi

Band	Frequency	Conducted Peak Power (dBm)	Maximum ERP/EIRP (W)	Maximum ERP/EIRP Limit (W)	Duty Cycle (%)	Conducted Average Power (dBm)	Output Power to Antenna (mW)	Power Density at R = 20 cm (mW/cm^2)	Limit (mW/cm ²)	Pass/Fail
II	1855	23.21	0.33	2	100	23.21	209.4	0.0660	1	Pass
IV	1750	23.09	0.32	1	100	23.09	203.7	0.0642	1	Pass
V	824.7	22.85	0.19	7	100	22.85	192.8	0.0608	0.55	Pass
XVII	709	22.82	0.18	3	100	22.82	191.4	0.0604	0.47	Pass

Note: The conducted output power is refer to report No.: 1490343R-HPUSP11V00 & 1490343R-HPUSP45V00 from the QuieTek.