

Maximum Permissible Exposure Report

1. Product Information

FCC ID:	2AJH3-4KSOLO
Product name	DUNE HD Pro Vision 4K Solo
Additional Model No.	Max Vision 4K, Ultra Vision 4K, Real Vision 4K, Real Vision 4K Duo, SmartBox 4K Plus
Model Declaration	PCB board, structure and internal of these model(s) are the same, So no additional models were tested
Test Model	Pro Vision 4K Solo
Power supply	For AC Adapter: Input: 100-240V~, 50/60Hz, 1.2A MAX Output: 12V $\overline{\text{---}}$ 3000mA
Operation frequency	2402MHz ~ 2480MHz 2412MHz ~ 2462 MHz 5180MHz-5240MHz 5745-5825MHz
Antenna Type	Eternal Antenna
Antenna Gain	BT: 2.0dBi(Max), WIFI: 5.0dBi(Max.)
Hardware version	DUNE V4
Software version	210214_0331_r17
Channel Number	79 channels for Bluetooth V5.0 (BDR/EDR) 40 channels for Bluetooth V5.0 (BT LE) 11 Channels for 20MHz bandwidth (2412~2462MHz) 7 Channels for 40MHz bandwidth (2422~2452MHz) 4 channels for 20MHz bandwidth (5180-5240MHz) 2 channels for 40MHz bandwidth (5190~5230MHz) 5 channels for 20MHz bandwidth(5745-5825MHz) 2 channels for 40MHz bandwidth(5755~5795MHz)
Channel Spacing	5MHz
Exposure category	General population/uncontrolled environment
EUT Type	Production Unit
Device Type	Mobile Devices

2. Evaluation Method

Systems operating under the provisions of FCC 47 CFR section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as mobile device whereby a distance of 0.2m normally can be maintained between the user and the device, and below RF Permissible Exposure limit shall comply with.

In accordance with KDB447498D01 for Simultaneous transmission MPE test exclusion applies when the sum of the MPE ratios for all simultaneous transmitting antennas incorporated in a host device, based on the calculated/estimated, numerically modelled or measured field strengths or power density, is ≤ 1.0 . The MPE ratio of each antenna is determined at the minimum test separation distance required by the operating configurations and exposure conditions of the host device, according to the ratio of field strengths or power density to MPE limit, at the test frequency. Either the maximum peak or spatially averaged results from measurements or numerical simulations may be used to determine the MPE ratios. Spatial averaging does not apply when MPE is estimated using simple calculations based on far-field plane-wave equivalent conditions. The antenna installation and operating requirements for the host device must meet the minimum test separation distances required by all antennas, in both standalone and simultaneous transmission operations, to satisfy compliance.

3. Limit

3.1 Refer Evaluation Method

[ANSI C95.1-1999](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

[FCC KDB publication 447498 D01 General 1 RF Exposure Guidance v06](#): Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

[FCC CFR 47 part1 1.1310](#): Radiofrequency radiation exposure limits.

[FCC CFR 47 part2 2.1091](#): Radiofrequency radiation exposure evaluation: Mobile Devices

3.2 Limit

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	6
3.0 – 30	1842/f	4.89/f	(900/f ²)*	6
30 – 300	61.4	0.163	1.0	6
300 – 1500	/	/	f/300	6
1500 – 100,000	/	/	5	6

Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	30
3.0 – 30	824/f	2.19/f	(180/f ²)*	30
30 – 300	27.5	0.073	0.2	30
300 – 1500	/	/	f/1500	30
1500 – 100,000	/	/	1.0	30

F=frequency in MHz

*=Plane-wave equivalent power density

4. MPE Calculation Method

Predication of MPE limit at a given distance

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S=PG/4\pi R^2$$

Where: S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna

5. Antenna Information

DUNE HD Pro Vision 4K Solo can only use antennas certificated as follows provided by manufacturer;

Antenna type and antenna number	Operate frequency band	Maximum antenna gain	Notes
Eeternal Antenna	2402MHz-2480MHz	2.0dBi	BT Antenna
Eeternal Antenna	2412MHz-2462MHz 5180MHz-5240MHz 5745MHz-5825MHz	5.0dBi	2.4WiFi&5GWIFI Antenna

6. Conducted Power

[BT Max Conducted Power]

Mode	Channel	Frequency (MHz)	Peak Conducted Output Power (dBm)
GFSK	0	2402	1.855
	39	2441	2.310
	78	2480	2.064
$\pi/4$ DQPSK	0	2402	2.499
	39	2441	2.936
	78	2480	2.647
8DPSK	0	2402	2.475
	19	2440	2.927
	39	2480	2.629

[BLE Max Conducted Power]

Mode	Channel	Frequency (MHz)	Peak Conducted Output Power (dBm)
BT LE	0	2402	1.546
	19	2440	2.031
	39	2480	1.786

[2.4GWIFI Max Conducted Power Ant0]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11B	1	2412	16.28
	6	2437	16.96
	11	2462	16.5
11G	1	2412	16.84
	6	2437	17.77
	11	2462	16.05
11N20SISO	1	2412	16.62
	6	2437	17.4
	11	2462	16.74
11N40SISO	3	2422	16.79
	6	2437	17.23
	9	2452	16.78

[2.4GWIFI Max Conducted Power Ant1]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11B	1	2412	16.75
	6	2437	17.41
	11	2462	17.41
11G	1	2412	16.84
	6	2437	17.62
	11	2462	16.76
11N20SISO	1	2412	16.14
	6	2437	17.65
	11	2462	16.07
11N40SISO	3	2422	16.14
	6	2437	16.63
	9	2452	17.46

[5.2GWIFI Max Conducted Power Ant0]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	36	5180	15.56
	40	5200	15.21
	48	5240	14.9
11N20 SISO	36	5180	15.63
	40	5200	15.84
	48	5240	15.75
11N40 SISO	38	5190	15.72
	46	5230	15.43
11AC20 SISO	36	5180	16.24
	40	5200	16.11
	48	5240	15.77
11AC40 SISO	38	5190	15.81
	46	5230	15.53

[5.2GWIFI Max Conducted Power Ant1]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	36	5180	15.00
	40	5200	14.65
	48	5240	14.25
11N20 SISO	36	5180	15.06
	40	5200	14.78
	48	5240	14.32
11N40 SISO	38	5190	14.58
	46	5230	14.23
11AC20 SISO	36	5180	14.99
	40	5200	14.71
	48	5240	14.32
11AC40 SISO	38	5190	15.3
	46	5230	14.97

[5.8WIFI Max Conducted Power Ant0]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	149	5745	13.6
	157	5785	14.04
	165	5825	14.59
11N20 SISO	149	5745	13.75
	157	5785	14.33
	165	5825	14.87
11N40 SISO	151	5755	13.56
	159	5795	14.29
11AC20 SISO	149	5745	14.99
	157	5785	14.71
	165	5825	14.32
11AC40 SISO	151	5755	15.3
	159	5795	14.97

[5.8WIFI Max Conducted Power Ant1]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	149	5745	14.38
	157	5785	15.18
	165	5825	15.83
11N20 SISO	149	5745	16.3
	157	5785	16.52
	165	5825	16.88
11N40 SISO	151	5755	16.24
	159	5795	16.79
11AC20 SISO	149	5745	16.24
	157	5785	16.11
	165	5825	15.77
11AC40 SISO	151	5755	15.81
	159	5795	15.53

7. Measurement Results

BT

GFSK (Peak)			
Channel	Channel 0	Channel 39	Channel 78
Target (dBm)	1.0	2.0	2.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
$\pi/4$ DQPSK (Peak)			
Channel	Channel 0	Channel 39	Channel 78
Target (dBm)	2.0	2.0	2.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
8DPSK (Peak)			
Channel	Channel 0	Channel 19	Channel 39
Target (dBm)	2.0	2.0	2.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

BLE

BT LE (Peak)			
Channel	Channel 0	Channel 19	Channel 39
Target (dBm)	1.0	2.0	1.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

2.4GWIFI Ant 0

11B (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11G (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	17.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20SISO (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	17.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40SISO (Peak)			
Channel	Channel 3	Channel 6	Channel 9
Target (dBm)	16.0	17.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

2.4GWIFI_Ant1

11B (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	17.0	17.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11G (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	17.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20SISO (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	17.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40SISO (Peak)			
Channel	Channel 3	Channel 6	Channel 9
Target (dBm)	16.0	16.0	17.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

2.4GWIFI_MIMO

11N20MIMO (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	19.0	20.0	19.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40MIMO (Peak)			
Channel	Channel 3	Channel 6	Channel 9
Target (dBm)	19.0	19.0	20.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

5.2GWIFI_Ant0

11A (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	15.0	15.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20 SISO (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	15.0	15.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 SISO (Peak)			
Channel	Channel 38	Channel 46	
Target (dBm)	15.0	15.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 SISO (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	16.0	16.0	15.0

Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 SISO (Peak)			
Channel	Channe38	Channel 46	
Target (dBm)	15.0	15.0	
Tolerance $\pm$ (dB)	1.0	1.0	

5.2GWIFI_Ant1

11A (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	15.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20 SISO (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	15.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 SISO (Peak)			
Channel	Channel 38	Channel 46	
Target (dBm)	14.0	14.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 SISO (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	14.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 SISO (Peak)			
Channel	Channe38	Channel 46	
Target (dBm)	15.0	14.0	
Tolerance $\pm$ (dB)	1.0	1.0	

5.2GWIFI_MIMO

11N20 MIMO (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	18.0	18.0	18.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 MIMO (Peak)			
Channel	Channel 38	Channel 46	
Target (dBm)	18.0	17.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 MIMO (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	18.0	18.0	18.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 MIMO (Peak)			
Channel	Channel 38	Channel 46	
Target (dBm)	18.0	18.0	
Tolerance $\pm$ (dB)	1.0	1.0	

5.8GWIFI_Ant0

11A (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	13.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20 SISO (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	13.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 SISO (Peak)			
Channel	Channel 151	Channel 159	
Target (dBm)	13.0	14.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 SISO (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	14.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 SISO (Peak)			
Channel	Channel 151	Channel 159	
Target (dBm)	15.0	14.0	
Tolerance $\pm$ (dB)	1.0	1.0	

5.8GWIFI_Ant1

11A (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	14.0	15.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20 SISO (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 SISO (Peak)			
Channel	Channel 151	Channel 159	
Target (dBm)	16.0	16.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 SISO (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	16.0	16.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 SISO (Peak)			
Channel	Channel 151	Channel 159	
Target (dBm)	15.0	15.0	
Tolerance $\pm$ (dB)	1.0	1.0	

5.8GWIFI_MIMO

11N20 MIMO (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	18.0	18.0	19.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 MIMO (Peak)			
Channel	Channel 151	Channel 159	
Target (dBm)	18.0	18.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 MIMO (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	18.0	18.0	18.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 MIMO (Peak)			
Channel	Channel 151	Channel 159	
Target (dBm)	18.0	18.0	
Tolerance $\pm$ (dB)	1.0	1.0	

8. Evaluation Results

8.1 Standalone MPE Evaluation

As declared by the Applicant, the EUT is a wireless device used in a fix application, at least 20 cm from any body part of the user or nearby persons; from the maximum EUT RF output power, the minimum separation distance, $r=20\text{cm}$, as well as the gain of the used antenna refer to antenna information, the RF power density can be obtained.

BT

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
		dBm	mW				
GFSK	2.441	3.0	1.9953	2.0	1.5849	0.0006	1.0000
$\pi/4$ DQPSK	2.441	3.0	1.9953	2.0	1.5849	0.0006	1.0000
8DPSK	2.441	3.0	1.9953	2.0	1.5849	0.0006	1.0000

BLE

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
		dBm	mW				
BT LE	2.440	3.0	1.9953	2.0	1.5849	0.0006	1.0000

2.4GWIFI Ant 0

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
		dBm	mW				
IEEE 802.11b	2.437	17.0	50.1187	5.0	3.1623	0.0315	1.0000
IEEE 802.11g	2.437	18.0	63.0957	5.0	3.1623	0.0397	1.0000
IEEE 802.11n HT20	2.437	18.0	63.0957	5.0	3.1623	0.0397	1.0000
IEEE 802.11n HT40	2.452	18.0	63.0957	5.0	3.1623	0.0397	1.0000

2.4GWIFI Ant 1

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
		dBm	mW				
IEEE 802.11b	2.437	18.0	63.0957	5.0	3.1623	0.0397	1.0000
IEEE 802.11g	2.437	18.0	63.0957	5.0	3.1623	0.0397	1.0000
IEEE 802.11n HT20	2.437	18.0	63.0957	5.0	3.1623	0.0397	1.0000
IEEE 802.11n HT40	2.452	18.0	63.0957	5.0	3.1623	0.0397	1.0000

2.4G WIFI_MIMO

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm2)	MPE Limits (mW/cm2)
		dBm	mW				
IEEE 802.11nmimo HT20	2.437	21.0	125.8925	8.01	6.3241	0.1584	1.0000
IEEE 802.11nmimo HT40	2.452	21.0	125.8925	8.01	6.3241	0.1584	1.0000

5.2GWIFI Ant 0

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm2)	MPE Limits (mW/cm2)
		dBm	mW				
11A	5.180	16.0	39.8107	5.0	3.1623	0.0250	1.0000
11N20 SISO	5.200	16.0	39.8107	5.0	3.1623	0.0250	1.0000
11N40 SISO	5.190	16.0	39.8107	5.0	3.1623	0.0250	1.0000
11AC20 SISO	5.180	17.0	50.1187	5.0	3.1623	0.0315	1.0000
11AC40 SISO	5.190	16.0	39.8107	5.0	3.1623	0.0250	1.0000

5.2GWIFI Ant 1

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm2)	MPE Limits (mW/cm2)
		dBm	mW				
11A	5.180	16.0	39.8107	5.0	3.1623	0.0250	1.0000
11N20 SISO	5.200	16.0	39.8107	5.0	3.1623	0.0250	1.0000
11N40 SISO	5.190	15.0	31.6228	5.0	3.1623	0.0199	1.0000
11AC20 SISO	5.180	15.0	31.6228	5.0	3.1623	0.0199	1.0000
11AC40 SISO	5.190	16.0	39.8107	5.0	3.1623	0.0250	1.0000

5.2GWIFI MIMO

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm2)	MPE Limits (mW/cm2)
		dBm	mW				
11N20 SISO	5.200	19.0	79.4328	5.0	6.3241	0.0999	1.0000
11N40 SISO	5.190	19.0	79.4328	5.0	6.3241	0.0999	1.0000
11AC20 SISO	5.180	19.0	79.4328	5.0	6.3241	0.0999	1.0000
11AC40 SISO	5.190	19.0	79.4328	5.0	6.3241	0.0999	1.0000

5.8GWIFI Ant0

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
		dBm	mW				
11A	5.825	15.0	31.6228	5.0	3.1623	0.0199	1.0000
11N20 SISO	5.825	15.0	31.6228	5.0	3.1623	0.0199	1.0000
11N40 SISO	5.795	15.0	31.6228	5.0	3.1623	0.0199	1.0000
11AC20 SISO	5.745	15.0	31.6228	5.0	3.1623	0.0199	1.0000
11AC40 SISO	5.795	16.0	39.8107	5.0	3.1623	0.0250	1.0000

5.8GWIFI Ant1

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
		dBm	mW				
11A	5.825	16.0	39.8107	5.0	3.1623	0.0250	1.0000
11N20 SISO	5.825	17.0	50.1187	5.0	3.1623	0.0315	1.0000
11N40 SISO	5.795	17.0	50.1187	5.0	3.1623	0.0315	1.0000
11AC20 SISO	5.745	17.0	50.1187	5.0	3.1623	0.0315	1.0000
11AC40 SISO	5.795	16.0	39.8107	5.0	3.1623	0.0250	1.0000

5.8GWIFI MIMO

Band/Mode	f (GHz)	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
		dBm	mW				
11N20 MIMO	5.825	20.0	100.0000	5.0	6.3241	0.1258	1.0000
11N40 SISO	5.795	19.0	79.4328	5.0	6.3241	0.0999	1.0000
11AC20 SISO	5.745	19.0	79.4328	5.0	6.3241	0.0999	1.0000
11AC40 SISO	5.795	19.0	79.4328	5.0	6.3241	0.0999	1.0000

Remark:

1. Output power including turn-up tolerance;
2. Output power is burst average power;
3. MPE evaluate distance is 20cm from user manual provide by manufacturer;
4. $MPE\ values = PG/4\pi R^2$

8.2 Simultaneous Transmission MPE

The sample support two 2.4G&5GWIFI Antenna and another one BT transmit antenna, so need consider simultaneous transmission;

Simultaneous transmission MPE

According to KDB447498 for Transmitters used in mobile exposure conditions for simultaneous transmission operations;

$\sum$ of MPE ratios ≤ 1.0

Mode	Σ MPE max ratios	Limit	Results
BT+2.4GWIFI MIMO	0.1590	1.0	Pass
BT+5GWIFI MIMO	0.1264	1.0	Pass

9. Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

-----THE END OF REPORT-----