

RF EXPOSURE EVALUATION REPORT

Product Name: WIFI Module
Trade Mark: N/A
Model No. : WF-M68B-UWK1
Add. Model No.: N/A
Report Number: 210109012RFC-5
Test Standards: FCC 47 CFR Part 1 Subpart I
FCC ID: 2AQ5RWF-M68B-UWK1
Test Result: PASS
Date of Issue: March 30, 2021

Prepared for:

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Version

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1. GENERAL INFORMATION

1.1 CLIENT INFORMATION

Applicant:	Shenzhen KTC Commercial Display Technology CO.,LTD.
Address of Applicant:	No.4023, Northern Wuhe Road, Bantian Street, Longgang District, Shenzhen City, Guangdong Province, P.R.China
Manufacturer:	Shenzhen KTC Commercial Display Technology CO.,LTD.
Address of Manufacturer:	No.4023, Northern Wuhe Road, Bantian Street, Longgang District, Shenzhen City, Guangdong Province, P.R.China

1.2 EUT INFORMATION

Product Name:	WIFI Module		
Model No.:	WF-M68B-UWK1		
Add. Model No.:	N/A		
Trade Mark:	N/A		
DUT Stage:	Production Unit		
	2.4 GHz ISM Band:	IEEE 802.11b/g/n	
		Bluetooth 5.0	
	5 GHz U-NII Bands:	5 150 MHz to 5 250 MHz	IEEE 802.11a/n/ac
		5 250 MHz to 5 350 MHz	IEEE 802.11a/n/ac
		5 470 MHz to 5 725 MHz	IEEE 802.11a/n/ac
		5 725 MHz to 5 850 MHz	IEEE 802.11a/n/ac
Sample Received Date:	January 9, 2021		
Sample Tested Date:	February 19, 2021 to March 5, 2021		

1.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

For BT_LE	
Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2402 MHz to 2480 MHz
Bluetooth Version:	Bluetooth V4.2 LE
Type of Modulation:	GFSK
Number of Channels:	40
Channel Separation:	2 MHz
Antenna Type:	Integral Antenna
Antenna Gain:	1.7 dBi
Maximum Peak Power:	7.1 dBm

For BT_EDR	
Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2402 MHz to 2480 MHz
Bluetooth Version:	Bluetooth BR + EDR
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)
Type of Modulation:	GFSK, $\pi/4$ DQPSK, 8DPSK
Number of Channels:	79
Channel Separation:	1 MHz
Antenna Type:	Integral Antenna
Antenna Gain:	1.7 dBi

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Maximum Peak Power:	9.703 dBm
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For 2.4 GHz ISM Band of Wi-Fi		
Frequency Band:	2400 MHz to 2483.5 MHz	
Frequency Range:	2412 MHz to 2462 MHz	
Support Standards:	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n-HT20, IEEE 802.11n-HT40	
Type of Modulation:	IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n-HT20: OFDM(64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n-HT40: OFDM(64-QAM, 16-QAM, QPSK, BPSK)	
Data Rate:	IEEE 802.11b: Up to 11 Mbps IEEE 802.11g: Up to 54 Mbps IEEE 802.11n-HT20: Up to MCS15 IEEE 802.11n-HT40: Up to MCS15	
Number of Channels:	IEEE 802.11b: 11 IEEE 802.11g: 11 IEEE 802.11n-HT20: 11 IEEE 802.11n-HT40: 9	
Channel Separation:	5 MHz	
Antenna Type:	Chain 0	Integral Antenna
	Chain 1	Integral Antenna
Antenna Gain:	Chain 0	2.7 dBi
	Chain 1	2.7 dBi
Directional gain:	5.71 dBi	
Maximum Peak Power:	SISO_ Chain 0	IEEE 802.11b: 19.55 dBm IEEE 802.11g: 23.00 dBm IEEE 802.11n-HT20: 23.69 dBm IEEE 802.11n-HT40: 21.98 dBm
	SISO_ Chain 1	IEEE 802.11b: 19.50 dBm IEEE 802.11g: 24.58 dBm IEEE 802.11n-HT20: 24.80 dBm IEEE 802.11n-HT40: 22.51 dBm
	MIMO_ Chain 0+1	IEEE 802.11n-HT20: 27.15 dBm IEEE 802.11n-HT40: 25.07 dBm

For 5 GHz U-NII Bands of Wi-Fi		
Frequency Bands:	5150 MHz to 5250 MHz (U-NII-1)	
	5250 MHz to 5350 MHz (U-NII-2A)	
	5470 MHz to 5725 MHz (U-NII-2C)	
	5 725 MHz to 5 850 MHz (U-NII-3)	
Frequency Ranges:	5180 MHz to 5240 MHz	
	5260 MHz to 5320 MHz	
	5500 MHz to 5700 MHz	
	5 745 MHz to 5 825 MHz	
Support Standards:	IEEE 802.11a/n/ac	
TPC Function:	Not Support	
DFS Operational mode:	Slave without radar Interference detection function	
Type of Modulation:	IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK)	
	IEEE 802.11n: OFDM(64QAM, 16QAM, QPSK, BPSK)	
	IEEE 802.11ac: OFDM(256QAM, 64QAM, 16QAM, QPSK, BPSK)	

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Channel Spacing:	IEEE 802.11a/n-HT20/ac-VHT20: 20 MHz				
	IEEE 802.11n-HT40/ac-VHT40: 40 MHz				
	IEEE 802.11ac-VHT80: 80 MHz				
Data Rate:	IEEE 802.11a: Up to 54 Mbps				
	IEEE 802.11n-HT20: Up to MCS15				
	IEEE 802.11n-HT40: Up to MCS15				
	IEEE 802.11ac-VHT20: Up to MCS8				
	IEEE 802.11ac-VHT40: Up to MCS9				
	IEEE 802.11ac-VHT80: Up to MCS9				
Number of Channels:	5150 MHz to 5250 MHz: 4 for IEEE 802.11a/n-HT20/ac-VHT20 2 for IEEE 802.11n-HT40/ac-VHT40 1 for IEEE 802.11ac-VHT80				
	5250 MHz to 5350 MHz: 4 for IEEE 802.11a/n-HT20/ac-VHT20 2 for IEEE 802.11n-HT40/ac-VHT40 1 for IEEE 802.11ac-VHT80				
	5470 MHz to 5725 MHz: 11 for IEEE 802.11a/n-HT20/ac-VHT20 5 for IEEE 802.11n-HT40/ac-VHT40 2 for IEEE 802.11ac-VHT80				
	5725 MHz to 5850 MHz: 5 for IEEE 802.11a/n-HT20/ac-VHT20 2 for IEEE 802.11n-HT40/ac-VHT40 1 for IEEE 802.11ac-VHT80				
Antenna Type:	Chain 0	Integral Antenna			
	Chain 1	Integral Antenna			
Antenna Gain:	Chain 0	5150 MHz to 5250 MHz: 2.7 dBi			
		5250 MHz to 5350 MHz: 2.7 dBi			
		5470 MHz to 5725 MHz: 2.7 dBi			
		5725 MHz to 5850 MHz: 2.7 dBi			
	Chain 1	5150 MHz to 5250 MHz: 2.7 dBi			
		5250 MHz to 5350 MHz: 2.7 dBi			
		5470 MHz to 5725 MHz: 2.7 dBi			
		5725 MHz to 5850 MHz: 2.7 dBi			
Maximum Conducted Output Power(dBm):	SISO_Chain 0	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
	IEEE 802.11a:	14.95	15.50	15.45	14.95
	SISO_Chain 1	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
	IEEE 802.11a:	15.43	15.17	15.13	15.01
	MIMO_Chain 0+1	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
	IEEE 802.11n-HT20:	17.26	17.08	17.77	17.48
	IEEE 802.11n-HT40:	17.45	17.28	16.61	16.57
	IEEE802.11ac-VHT20:	15.75	15.50	15.79	15.66
	IEEE802.11ac-VHT40:	15.81	15.56	16.29	16.28
	IEEE802.11ac-VHT80:	15.84	15.45	14.77	14.58

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1.4 OTHER INFORMATION

Test channels for BT_LE				
Type of Modulation	Tx/Rx Frequency	Test RF Channel Lists		
GFSK	2402 MHz to 2480 MHz	Lowest(L)	Middle(M)	Highest(H)
		Channel 0	Channel 19	Channel 39
		2402 MHz	2440 MHz	2480 MHz

Test channels for BT_EDR				
Mode	Tx/Rx Frequency	Test RF Channel Lists		
GFSK (DH1, DH3, DH5)	2402 MHz to 2480 MHz	Lowest(L)	Middle(M)	Highest(H)
		Channel 0	Channel 39	Channel 78
$\pi/4$ DQPSK (DH1, DH3, DH5)	2402 MHz to 2480 MHz	2402 MHz	2441 MHz	2480 MHz
		Channel 0	Channel 39	Channel 78
8DPSK (DH1, DH3, DH5)	2402 MHz to 2480 MHz	2402 MHz	2441 MHz	2480 MHz
		Channel 0	Channel 39	Channel 78

Test channels for 2.4 GHz ISM Band of Wi-Fi				
Mode	Tx/Rx Frequency	Test RF Channel Lists		
IEEE 802.11b	2412 MHz to 2462 MHz	Lowest(L)	Middle(M)	Highest(H)
		Channel 1	Channel 6	Channel 11
IEEE 802.11g	2412 MHz to 2462 MHz	2412 MHz	2437 MHz	2462 MHz
		Channel 1	Channel 6	Channel 11
IEEE 802.11n-HT20	2412 MHz to 2462 MHz	2412 MHz	2437 MHz	2462 MHz
		Channel 1	Channel 6	Channel 11
IEEE 802.11n-HT40	2422 MHz to 2452 MHz	2412 MHz	2437 MHz	2462 MHz
		Channel 3	Channel 6	Channel 9

Test channels for 5 GHz U-NII Bands of Wi-Fi				
Mode	Tx/Rx Frequency	Test RF Channel Lists		
IEEE 802.11a IEEE 802.11n-HT20 IEEE 802.11ac-VHT20	5150 MHz to 5250 MHz	Lowest(L)	Middle(M)	Highest(H)
		Channel 36	Channel 44	Channel 48
	5250 MHz to 5350 MHz	5180 MHz	5220 MHz	5240 MHz
		Channel 52	Channel 60	Channel 64
	5470 MHz to 5725 MHz	5260 MHz	5300 MHz	5320 MHz
		Channel 100	Channel 116	Channel 140
	5725 MHz to 5850 MHz	5500 MHz	5580 MHz	5700 MHz
		Channel 149	Channel 157	Channel 165
	5725 MHz to 5850 MHz	5745 MHz	5785 MHz	5825 MHz
		Channel 38	--	Channel 46
	5150 MHz to 5250 MHz	5190 MHz	--	5230 MHz
		Channel 54	--	Channel 62
IEEE 802.11n-HT40 IEEE 802.11ac-VHT40	5250 MHz to 5350 MHz	5270 MHz	--	5310 MHz
	5470 MHz to 5725 MHz	Channel 102	Channel 110	Channel 134

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	5725 MHz to 5850 MHz	5510 MHz	5550 MHz	5670 MHz
		Channel 151	--	Channel 159
		5755 MHz	--	5795 MHz
IEEE 802.11ac-VHT80	5150 MHz to 5250 MHz	--	Channel 42	--
		--	5210 MHz	--
	5250 MHz to 5350 MHz	--	Channel 58	--
		--	5290 MHz	--
	5470 MHz to 5725 MHz	Channel 106	--	--
		5530 MHz	--	--
	5725 MHz to 5850 MHz	--	Channel 155	--
		--	5775 MHz	--

1.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product, according to the specifications of the manufacturers. It must comply with the requirements of the following standards:

FCC 47 CFR Part 1 Subpart I

All test items have been performed and recorded as per the above standards

1.6 DEVIATION FROM STANDARDS

None.

1.7 ABNORMALITIES FROM STANDARD CONDITIONS

None.

1.8 OTHER INFORMATION REQUESTED BY THE CUSTOMER

None.

2. EQUIPMENT LIST

Please refer to the RF test report.

3. MPE EVALUATION

3.1 REFERENCE DOCUMENTS FOR EVALUATION

No.	Identity	Document Title
1	FCC 47 CFR Part 1 Subpart I	PROCEDURES IMPLEMENTING THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969
2	KDB 447498 D01 General RF Exposure Guidance v06	RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES

3.2 MPE COMPLIANCE REQUIREMENT

3.2.1 Limits

3.2.1.1 FCC 47 CFR Part 1 Subpart I

According to §1.1307(b)(1), system operating under the provisions of this section shall be operating in a manner that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure.

Limits for Occupational / Controlled Exposure

Frequency range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Times E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f)*	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	F/300	6
1500-100000	/	/	5	6

Limits for General Population / Uncontrolled Exposure

Frequency range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Times E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	F/1500	30
1500-100000	/	/	1	30

Note: f = frequency in MHz: * = Plane-wave equivalents power density.

3.2.2 Test Procedure

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

3.3 MPE CALCULATION METHOD

FCC 47 CFR Part 1 Subpart I

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

S = power density (in appropriate units, e.g., mw/cm²)

P = power input to the antenna (in appropriate units, e.g., mw)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor is normally numeric gain.

R = distance to the center of radiation of the antenna (in appropriate units, e.g., cm)

3.4 MPE CALCULATION RESULTS

Note: For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

3.4.1 For WLAN

For Wi-Fi function, operating at 2412MHz to 2462 MHz for IEEE802.11b/g/n and operating at 5150 MHz to 5250 MHz for IEEE802.11a/n/ac and operating at 5250 MHz to 5350 MHz for IEEE802.11a/n/ac and operating at 5470 MHz to 5725 MHz for IEEE802.11a/n/ac and operating at 5725 MHz to 5850 MHz for IEEE802.11a/n/ac.

3.4.1.1 Antenna Type:

Chain 0: Integral Antenna

Chain 1: Integral Antenna

3.4.1.2 Antenna Gain:

Chain 0: 2412MHz to 2462 MHz: 2.7 dBi
5150 MHz to 5250 MHz: 2.7 dBi
5250 MHz to 5350 MHz: 2.7 dBi
5470 MHz to 5725 MHz: 2.7 dBi
5725 MHz to 5850 MHz: 2.7 dBi

Chain 1: Same as chain 0

For MIMO mode (2Tx/2Rx), there are two transmission antennas. Both Chain 0 and Chain 1 used at the same time and antenna ports have uniform output powers. The Chain 0 and Chain 1 antenna ports can be used alone. The transmit signals are correlated with each other.

$$\text{The directional gain} = G_{\text{ANT}} + 10 \log(N_{\text{ANT}}) \text{ dBi}$$

For SISO mode (1Tx/1Rx), there are two transmission antennas. Both Chain 0 and Chain 1 used at the same time and antenna ports have uniform output powers. The Chain 0 and Chain 1 antenna ports cannot be used alone

The antenna gain = Chain 0 or Chain

3.4.1.3 Results for FCC 47 CFR Part 1 Subpart I

For SISO (1TX/1RX) Mode

Operating Mode		Freq.	Declared maximum conducted average output power	Max. positive tolerance according manufacturer	Antenna Gain	Calculated maximum EIRP	Declared maximum EIRP	MPE Limit	MPE Value
		(MHz)	(dBm)		(dBi)	(dBm)	(mW)	(mw/cm ²)	
SISO	IEEE 802.11b	2412	19	1	2.7	22.7	186.2087	1	0.0370
		2437	19	1	2.7	22.7	186.2087	1	0.0370
		2462	19	1	2.7	22.7	186.2087	1	0.0370
	IEEE 802.11g	2412	23	2	2.7	27.7	588.8437	1	0.1171
		2437	23	2	2.7	27.7	588.8437	1	0.1171
		2462	23	2	2.7	27.7	588.8437	1	0.1171
	IEEE 802.11a	5180	14	1.5	2.7	18.2	66.0693	1	0.0131
		5220	14	1.5	2.7	18.2	66.0693	1	0.0131
		5240	14	1.5	2.7	18.2	66.0693	1	0.0131
		5260	14	1.5	2.7	18.2	66.0693	1	0.0131
		5300	14	1.5	2.7	18.2	66.0693	1	0.0131
		5320	14	1.5	2.7	18.2	66.0693	1	0.0131
		5500	14	1.5	2.7	18.2	66.0693	1	0.0131
		5580	14	1.5	2.7	18.2	66.0693	1	0.0131
		5700	14	1.5	2.7	18.2	66.0693	1	0.0131
		5745	14	1.5	2.7	18.2	66.0693	1	0.0131
		5785	14	1.5	2.7	18.2	66.0693	1	0.0131
		5805	14	1.5	2.7	18.2	66.0693	1	0.0131

For MIMO (2TX/2RX) Mode

Operating Mode		Freq.	Declared maximum conducte d average output power	Max. positive tolerance according manufacturer	Antenna Gain	Calculated maximum EIRP	Declared maximum EIRP	MPE Limi t	MPE Value
		(MHz)	(dBm)		(dBi)	(dBm)	(mW)	(mw/cm ²)	
MIMO	IEEE 802.11n-HT20	2412	26	1.5	2.7	30.2	1047.1285	1	0.2083
		2437	26	1.5	2.7	30.2	1047.1285	1	0.2083
		2462	26	1.5	2.7	30.2	1047.1285	1	0.2083
	IEEE 802.11n-HT40	2422	24	1	2.7	27.7	588.8437	1	0.1171
		2437	24	1	2.7	27.7	588.8437	1	0.1171
		2452	25	1	2.7	28.7	741.3102	1	0.1475
	IEEE 802.11n-HT20	5180	16	1.5	2.7	20.2	104.7129	1	0.0208
		5220	16	1.5	2.7	20.2	104.7129	1	0.0208
		5240	16	1.5	2.7	20.2	104.7129	1	0.0208
		5260	16	1.5	2.7	20.2	104.7129	1	0.0208
		5300	16	1.5	2.7	20.2	104.7129	1	0.0208
		5320	16	1.5	2.7	20.2	104.7129	1	0.0208
		5500	17	1	2.7	20.7	117.4898	1	0.0234
		5580	17	1	2.7	20.7	117.4898	1	0.0234
		5700	17	1	2.7	20.7	117.4898	1	0.0234
		5745	16	1.5	2.7	20.2	104.7129	1	0.0208
		5785	16	1.5	2.7	20.2	104.7129	1	0.0208
		5805	16	1.5	2.7	20.2	104.7129	1	0.0208

MIMO	IEEE 802.11n-HT40	5190	16	1.5	2.7	20.2	104.7129	1	0.0208
		5230	16	1.5	2.7	20.2	104.7129	1	0.0208
		5270	16	1.5	2.7	20.2	104.7129	1	0.0208
		5310	16	1.5	2.7	20.2	104.7129	1	0.0208
		5510	16	1	2.7	19.7	93.3254	1	0.0186
		5550	16	1	2.7	19.7	93.3254	1	0.0186
		5670	16	1	2.7	19.7	93.3254	1	0.0186
		5755	16	1	2.7	19.7	93.3254	1	0.0186
		5795	16	1	2.7	19.7	93.3254	1	0.0186
	IEEE 802.11ac-VHT20	5180	15	1	2.7	18.7	74.1310	1	0.0147
		5220	15	1	2.7	18.7	74.1310	1	0.0147
		5240	15	1	2.7	18.7	74.1310	1	0.0147
		5260	15	1	2.7	18.7	74.1310	1	0.0147
		5300	15	1	2.7	18.7	74.1310	1	0.0147
		5320	15	1	2.7	18.7	74.1310	1	0.0147
		5500	15	1	2.7	18.7	74.1310	1	0.0147
		5580	15	1	2.7	18.7	74.1310	1	0.0147
		5700	15	1	2.7	18.7	74.1310	1	0.0147
		5745	15	1	2.7	18.7	74.1310	1	0.0147
		5785	15	1	2.7	18.7	74.1310	1	0.0147
		5805	15	1	2.7	18.7	74.1310	1	0.0147
	IEEE 802.11ac-VHT40	5190	15	1	2.7	18.7	74.1310	1	0.0147
		5230	15	1	2.7	18.7	74.1310	1	0.0147
		5270	15	1	2.7	18.7	74.1310	1	0.0147
		5310	15	1	2.7	19.2	83.1764	1	0.0165
		5510	15	1.5	2.7	19.2	83.1764	1	0.0165
		5550	15	1.5	2.7	19.2	83.1764	1	0.0165
		5670	15	1.5	2.7	19.2	83.1764	1	0.0165
		5755	15	1.5	2.7	19.2	83.1764	1	0.0165
		5795	15	1.5	2.7	19.2	83.1764	1	0.0165
	IEEE 802.11ac-VHT80	5210	15	1	2.7	18.7	74.1310	1	0.0147
		5290	15	1	2.7	18.7	74.1310	1	0.0147
		5610	14	1	2.7	17.7	58.8844	1	0.0117
		5530	14	1	2.7	17.7	58.8844	1	0.0117
		5775	14	1	2.7	17.7	58.8844	1	0.0117

3.4.2 For BT

For BT_LE function, operating at 2402MHz to 2480 MHz for GFSK and

For BT_EDR function, operating at 2402MHz to 2480 MHz for GFSK, $\pi/4$ DQPSK, 8DPSK

3.4.2.1 Antenna Type:

Chain 0: Integral Antenna

3.4.2.2 Antenna Gain:

Chain 0: 2402MHz to 2480 MHz: 1.7dBi

3.4.2.3 Results for FCC 47 CFR Part 1 Subpart I

Operating Mode	Freq.	Declared maximum conducted output power	Max. positive tolerance according manufacturer	Antenna Gain	Calculated maximum EIRP	Declared maximum EIRP	MPE Limit	MPE Value
	(MHz)	(dBm)	(dBm)	(dBm)	(dBm)	(mW)	(mW/cm ²)	
LE	2402-2480	6	1.5	1.7	9.2	8.3176	1	0.0017
EDR	2402-2480	8	2	1.7	11.7	14.7911	1	0.0029

3.4.3 Simultaneous Multi-band Transmission MPE Analysis

3.4.4.1 List of Mode for Simultaneous Multi-band Transmission

No.	Configurations	Support/Not Support
1	2.4G_WLAN + BT	Support
2	5G_WLAN + BT	Support

3.4.4.1 Results for transmit simultaneously

No.	Configurations	Maximum MPE Value (mw/cm ²)			Limits (mw/cm ²)
		WLAN	BT	Transmit simultaneously	
1	2.4G_SISO_WLAN + BT	0.1171	0.0029	0.1200	1
2	2.4G_MIMO_WLAN + BT	0.2083	0.0029	0.2112	1
3	5G_SISO_WLAN + BT	0.0131	0.0029	0.0160	1
4	5G_MIMO_WLAN + BT	0.0208	0.0029	0.0237	1

Note 1: According to KDB 447498 D01 General RF Exposure Guidance v06, At the transmit simultaneously calculation method is as follows:

$$\text{Transmit simultaneously MPE} = \Sigma \text{ of MPE ratios}$$

$$\text{MPE ratios} = \text{Field strengths or power density} / \text{MPE limit at the test frequency}$$

APPENDIX 1 PHOTOS OF TEST SETUP

N/A

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal Photos.

*** End of Report ***

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