



Maximum Permissible Exposure Report

1. Product Information

FCC ID:	2AVL4-QUARTZ-ONYX
Product name:	Industrial 5G/4G/3G Router
Test Model:	QUARTZ-ONYX
Power supply:	Input: 12V $\overline{\text{---}}$ 2A For Adapter Input: 100-240V~, 50/60Hz, 0.8A For Adapter Output: 12V $\overline{\text{---}}$ 2A
Hardware Version:	/
Software Version:	/
2.4G WLAN	
Frequency Range:	2412MHz~2462MHz
Channel Spacing:	5MHz
Channel Number:	11 Channels for 20MHz bandwidth (2412~2462MHz) 7 Channels for 40MHz bandwidth (2422~2452MHz)
Modulation Type:	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description:	Antenna0: External Antenna, 3.0dBi(Max.) Antenna1: External Antenna, 3.0dBi(Max.)
5.2G WLAN	
Frequency Range:	5180MHz~5240MHz
Channel Number:	4 Channels for 20MHz bandwidth(5180MHz~5240MHz) 2 channels for 40MHz bandwidth(5190MHz~5230MHz) 1 channels for 80MHz bandwidth(5210MHz)
Modulation Type	IEEE 802.11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	Antenna0: External Antenna, 3.0dBi(Max.) Antenna1: External Antenna, 3.0dBi(Max.)
5.8G WLAN	
Frequency Range:	5745MHz-5825MHz
Channel Number:	5 channels for 20MHz bandwidth(5745MHz~5825MHz) 2 channels for 40MHz bandwidth(5755MHz~5795MHz) 1 channels for 80MHz bandwidth(5775MHz)
Modulation Type:	IEEE 802.11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description:	Antenna0: External Antenna, 3.0dBi(Max.) Antenna1: External Antenna, 3.0dBi(Max.)
UMTS Specification	
Single Band:	Band 2, 4, 5
Modulation:	Uplink up to 16QAM, Downlink up to 64QAM



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Category:	Category 6
E-UTRA Specification	
Single Band:	Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 48, 66, 71
Intra-Band:	CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_66C
Modulation:	UL & DL up to 256QAM
Category:	Category 18
5G NR Specification	
SA Band:	n2, n5, n7, n12, n25, n41, n66, n71, n77
SA UL MIMO Band:	n41
EN-DC Band:	DC_5A_n2A, DC_12A_n2, DC_13A_n2A, DC_2A_n5A DC_30A_n5A, DC_66A_n5A, DC_5A_n7A, DC_12A_n7A DC_2A_n12A, DC_12A_n25A, DC_2A_n41A, DC_25A_n41A DC_26A_n41A, DC_66A_n41A, DC_5A_n66A, DC_12A_n66A DC_13A_n66A, DC_14A_n66A, DC_71A_n66A, DC_2A_n71A DC_7A_n71A, DC_66A_n71A
HPUE Band:	n41, n77 (SA & UL MIMO)
SCS for NR cell:	FDD Band: 15kHz; TDD Band: 30kHz
Modulation:	UL & DL up to 256QAM
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



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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

EUT can only use antennas certificated as follows provided by manufacturer;

Antenna type and antenna number	Operate frequency band	Maximum antenna gain	Notes
External Antenna	2400MHz ~ 6000MHz	3.0dBi	Wi-Fi Antenna0
External Antenna	2400MHz ~ 6000MHz	3.0dBi	Wi-Fi Antenna1
External Antenna	1850MHz ~ 1910MHz	0.20dBi	WCDMA / LTE / 5G NR Antenna
	1710MHz ~ 1755MHz	1.45dBi	
	824MHz ~ 849MHz	2.65dBi	
	2500MHz ~ 2570MHz	0.5dBi	
	699MHz ~ 716MHz	-0.25dBi	
	777MHz ~ 787MHz	1.50dBi	
	788MHz ~ 798MHz	2.40dBi	
	704MHz ~ 716MHz	-0.25dBi	
	1850MHz ~ 1915MHz	0.20dBi	
	814MHz ~ 849MHz	2.65dBi	
	2305MHz ~ 2315MHz	-3.10dBi	
	2570MHz ~ 2620MHz	0.75dBi	
	2496MHz ~ 2690MHz	0.75dBi	
	3550MHz ~ 3700MHz	-4.30dBi	
	1710MHz ~ 1780MHz	1.45dBi	
	663MHz ~ 698MHz	1.20dBi	
	3700MHz ~ 3980MHz	-4.30dBi	

Note: all antenna information is provided by the manufacturer.



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6. Conducted Power

[2.4GWIFI Max Conducted Power]

Mode	Channel	Frequency (MHz)	Ant 0 Max Conducted Power(dBm)	Ant 1 Max Conducted Power(dBm)	MIMO Max Conducted Power(dBm)
11B	1	2412	14.84	14.68	/
	6	2437	15.63	14.47	/
	11	2462	15.5	14.17	/
11G	1	2412	13.15	12.88	/
	6	2437	12.8	12.65	/
	11	2462	12.87	12.46	/
11N20 SISO	1	2412	13.12	13.06	15.73
	6	2437	12.88	12.64	15.55
	11	2462	12.48	12.31	15.56
11N40 SISO	3	2422	12.07	11.6	14.90
	6	2437	11.59	11.2	15.03
	9	2452	11.55	10.97	14.85

[5.2GWIFI Max Conducted Power]

Mode	Channel	Frequency (MHz)	Ant 0 Max Conducted Power(dBm)	Ant 1 Max Conducted Power(dBm)	MIMO Max Conducted Power(dBm)
11A	36	5180	12.6	12.39	/
	40	5200	12.03	11.93	/
	48	5240	11.72	11.6	/
11N20 SISO	36	5180	12.53	12.49	15.52
	40	5200	12.37	12.38	15.39
	48	5240	12.28	11.85	15.08
11N40 SISO	38	5190	12.22	13.05	15.67
	46	5230	13.22	12.64	15.95
11AC20 SISO	36	5180	12.56	12.4	15.49
	40	5200	12.06	12.27	15.18
	48	5240	11.53	11.65	14.60
11AC40 SISO	38	5190	12.38	12.37	15.39
	46	5230	12.75	12.54	15.66
11AC80 SISO	42	5210	12.46	12.61	15.55



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[5.8WIFI Max Conducted Power]

Mode	Channel	Frequency (MHz)	Ant 0 Max Conducted Power(dBm)	Ant 1 Max Conducted Power(dBm)	MIMO Max Conducted Power(dBm)
11A	149	5745	12.29	12.74	/
	157	5785	12.35	11.26	/
	165	5825	11.22	11.67	/
11N20 SISO	149	5745	11.77	12.73	15.29
	157	5785	11.96	11.25	14.63
	165	5825	11.46	11.56	14.52
11N40 SISO	151	5755	11.87	12.83	15.39
	159	5795	12.67	12	15.36
11AC20 SISO	149	5745	12.28	12.75	15.53
	157	5785	11.25	12.42	14.88
	165	5825	11.05	11.84	14.47
11AC40 SISO	151	5755	12.38	13.81	16.16
	159	5795	12.53	12.47	15.51
11AC80 SISO	155	5775	13.09	12.73	15.92



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Test Mode	Frequency Band(MHz)	Maximum Conducted Power (dBm)
WCDMA B2	1850 ~ 1910	25.00
WCDMA B4	1710 ~ 1755	25.00
WCDMA B5	824 ~ 849	25.00
LTE B2	1850 ~ 1910	25.00
LTE B4	1710 ~ 1755	25.00
LTE B5	824 ~ 849	25.00
LTE B7	2500 ~ 2570	25.00
LTE B12	699 ~ 716	25.00
LTE B13	777 ~ 787	25.00
LTE B14	788 ~ 798	25.00
LTE B17	704 ~ 716	25.00
LTE B25	1850 ~ 1915	25.00
LTE B26	814 ~ 849	25.00
LTE B30	2305 ~ 2315	25.00
LTE B38	2570 ~ 2620	28.00
LTE B41	2496 ~ 2690	28.00
LTE B48	3550 ~ 3700	25.00
LTE B66	1710 ~ 1780	25.00
LTE B71	663 ~ 698	25.00
n2	1850 ~ 1910	25.00
n5	824 ~ 849	25.00
n7	2500 ~ 2570	25.00
n12	699 ~ 716	25.00
n25	1850 ~ 1915	25.00
n41	2469 ~ 2690	28.00
n66	1710 ~ 1780	25.00
n71	663 ~ 698	25.00
n77	3700 ~ 3980	28.00



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7. Manufacturing Tolerance

[2.4G WIFI Ant0]

11B (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	14.0	15.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11G (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	13.0	12.0	12.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[2.4G WIFI Ant1]

11B (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	14.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11G (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	12.0	12.0	12.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[2.4G WIFI MIMO]

11N20 (Peak)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	15.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 (Peak)			
Channel	Channel 3	Channel 6	Channel 9
Target (dBm)	14.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0



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[5.2G WIFI Ant0]

11A (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	12.0	12.0	11.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[5.2G WIFI Ant1]

11A (Peak)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	12.0	11.0	11.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[5.2G WIFI MIMO]

11N20 (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 (Peak)

Channel	Channel 38	Channel 46
Target (dBm)	15.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0

11AC20 (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

11AC40 (Peak)

Channel	Channel 38	Channel 46
Target (dBm)	15.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0

11AC80 (Peak)

Channel	Channel 42
Target (dBm)	15.0
Tolerance $\pm$ (dB)	1.0



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[5.8G WIFI Ant0]

11A (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	12.0	12.0	11.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[5.8G WIFI Ant1]

11A (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	12.0	11.0	11.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[5.8G WIFI MIMO]

11N20 (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	15.0	15.0	15.0
Tolerance ±(dB)	1.0	1.0	1.0
11N40 (Peak)			
Channel	Channel 151	Channel 159	
Target (dBm)	15.0	15.0	
Tolerance ±(dB)	1.0	1.0	
11AC20 (Peak)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	15.0	15.0	15.0
Tolerance ±(dB)	1.0	1.0	1.0
11AC40 (Peak)			
Channel	Channe151	Channel 159	
Target (dBm)	16.0	15.0	
Tolerance ±(dB)	1.0	1.0	
11AC80 (Peak)			
Channel	Channel 155		
Target (dBm)	15.0		
Tolerance ±(dB)	1.0		



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8. Measurement 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.

[2.4G WIFI Ant0]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
IEEE 802.11b	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158
IEEE 802.11g	14.0	25.1189	3.0	1.9953	0.0100	1.0000	0.0100

[2.4G WIFI Ant1]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
IEEE 802.11b	15.0	31.6228	3.0	1.9953	0.0126	1.0000	0.0126
IEEE 802.11g	13.0	19.9526	3.0	1.9953	0.0079	1.0000	0.0079

[2.4G WIFI MIMO]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
IEEE 802.11n HT20	17.0	50.1187	3.0	1.9953	0.0199	1.0000	0.0199
IEEE 802.11n HT40	15.0	31.6228	3.0	1.9953	0.0126	1.0000	0.0126

[5.2G WIFI Ant0]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
11A	13.0	19.9526	3.0	1.9953	0.0079	1.0000	0.0079

[5.2G WIFI Ant1]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
11A	13.0	19.9526	3.0	1.9953	0.0079	1.0000	0.0079

[5.2G WIFI MIMO]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
11N20	16.0	39.8107	3	1.9953	0.0158	1.0000	0.0158
11N40	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158
11AC20	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158
11AC40	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158
11AC80	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158



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[5.8G WIFI Ant0]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
11A	13.0	19.9526	3.0	1.9953	0.0079	1.0000	0.0079

[5.8G WIFI Ant1]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
11A	13.0	19.9526	3.0	1.9953	0.0079	1.0000	0.0079

[5.8G WIFI MIMO]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)	MPE ratios
	dBm	mW					
11N20	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158
11N40	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158
11AC20	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158
11AC40	17.0	50.1187	3.0	1.9953	0.0199	1.0000	0.0199
11AC80	16.0	39.8107	3.0	1.9953	0.0158	1.0000	0.0158

WCDMA/LTE/5G NR

Test Mode	Frequency Band (MHz)	Maximum Conducted Power (dBm)	Antenna Gain (dBi)	ERP (EIRP) (dBm)	Power Density at 20cm (mW/cm ²)	Limit (mW/cm ²)	MPE ratios
WCDMA B2	1850 ~ 1910	25.00	0.20	25.2	0.0659	1.0000	0.0659
WCDMA B4	1710 ~ 1755	25.00	1.45	26.45	0.0878	1.0000	0.0878
WCDMA B5	824 ~ 849	25.00	2.65	27.65	0.1158	0.5493	0.2108
LTE B2	1850 ~ 1910	25.00	0.20	25.2	0.0659	1.0000	0.0659
LTE B4	1710 ~ 1755	25.00	1.45	26.45	0.0878	1.0000	0.0878
LTE B5	824 ~ 849	25.00	2.65	27.65	0.1158	0.5493	0.2108
LTE B7	2500 ~ 2570	25.00	0.50	25.5	0.0706	1.0000	0.0706
LTE B12	699 ~ 716	25.00	-0.25	24.75	0.0594	0.4660	0.1275
LTE B13	777 ~ 787	25.00	1.50	26.5	0.0889	0.5180	0.1716
LTE B14	788 ~ 798	25.00	2.40	27.4	0.1093	0.5253	0.2081
LTE B17	704 ~ 716	25.00	-0.25	24.75	0.0594	0.4693	0.1266
LTE B25	1850 ~ 1915	25.00	0.20	25.2	0.0659	1.0000	0.0659
LTE B26	814 ~ 849	25.00	2.65	27.65	0.1158	0.5427	0.2134
LTE B30	2305 ~ 2315	25.00	-3.10	21.9	0.0308	1.0000	0.0308
LTE B38	2570 ~ 2620	28.00	0.75	28.75	0.1492	1.0000	0.1492
LTE B41	2496 ~ 2690	28.00	0.75	28.75	0.1492	1.0000	0.1492
LTE B48	3550 ~ 3700	25.00	-4.30	20.7	0.0234	1.0000	0.0234
LTE B66	1710 ~ 1780	25.00	1.45	26.45	0.0878	1.0000	0.0878
LTE B71	663 ~ 698	25.00	1.20	26.2	0.0829	0.4420	0.1876
n2	1850 ~ 1910	25.00	0.20	25.2	0.0659	1.0000	0.0659



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Scan code to check authenticity



n5	824 ~ 849	25.00	2.65	27.65	0.1158	0.5493	0.2108
n7	2500 ~ 2570	25.00	0.50	25.5	0.0706	1.0000	0.0706
n12	699 ~ 716	25.00	-0.25	24.75	0.0594	0.4460	0.1332
n25	1850 ~ 1915	25.00	0.20	25.2	0.0659	1.0000	0.0659
n41	2469 ~ 2690	28.00	0.75	28.75	0.1492	1.0000	0.1492
n66	1710 ~ 1780	25.00	1.45	26.45	0.0878	1.0000	0.0878
n71	663 ~ 698	25.00	1.20	26.2	0.0829	0.4420	0.1876
n77	3700 ~ 3980	28.00	-4.30	23.7	0.0466	1.0000	0.0466

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 EUT equipped with two Wi-Fi antenna and WCDMA/LTE/5G NR module antenna. so need consider simultaneous transmission;

Simultaneous transmission MPE

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

$\sum \sum MPE\ ratios \leq 1.0$

Mode	2.4GHz Wi-Fi ratios	5GHz Wi-Fi ratios	WCDMA/LTE/5G NR ratios	$\sum$ MPE ratios	Limit	Results
2.4GHz Wi-Fi + WCDMA/LTE/5G NR	0.0199	/	0.2134	0.2333	1.0	Pass
5GHz Wi-Fi + WCDMA/LTE/5G NR	/	0.0199	0.2134	0.2333	1.0	Pass
2.4GHz Wi-Fi + 5GHz Wi-Fi+WCDMA/LTE/5G NR	0.0199	0.0199	0.2134	0.2532	1.0	Pass

Note: Only the worst test mode is recorded in the report

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-----



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