

RF EXPOSURE

Test Report

Report No. : MTi260410018-0203E5

Date of Issue : 2026-05-28

Applicant : Shenzhen Foresight Technology Co.,Ltd.

Product : Streamer

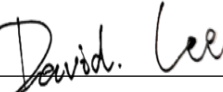
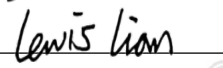
Model(s) : S3, S3 Lite, S3 pro, S3 Ultra, S5, S5 lite, S5 pro,
S5 Ultra, ST300, ST500

FCC ID : 2A4LX-STREAM

Shenzhen Microtest Co., Ltd.

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Test Result Certification		
Applicant	Shenzhen Foresight Technology Co.,Ltd.	
Applicant Address	301, No.9, Xinbaili Industrial Park, Xinshi Community, Dalang Street, Longhua District, Shenzhen, China	
Manufacturer	Shenzhen Foresight Technology Co.,Ltd.	
Manufacturer Address	301, No.9, Xinbaili Industrial Park, Xinshi Community, Dalang Street, Longhua District, Shenzhen, China	
Product description		
Product name	Streamer	
Trademark	Fosi Audio	
Model name	S3	
Series Model(s)	S3 Lite, S3 pro, S3 Ultra, S5, S5 lite, S5 pro, S5 Ultra, ST300, ST500	
Standards	47 CFR Part 2.1091	
Test method	KDB 447498 D01 v06	
Testing Information		
Date of test	2026-04-27 to 2026-05-26	
Test Result	Pass	
Prepared by:	Maleah Deng	
Reviewed by:	David Lee	
Approved by:	Lewis Lian	

1 RF EXPOSURE EVALUATION

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)

Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) 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
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f ²	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

MPE Calculation Method

Friis transmission formula: $P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot R^2)$

Where

P_d = Power density in mW/cm²

P_{out} = output power to antenna in mW

G = Numeric gain of the antenna relative to isotropic antenna

π = 3.1415926

R = distance between observation point and center of the radiator in cm (20cm)

P_d the limit of MPE, 1mW/cm². If we know the maximum gain of the antenna and total power input to the antenna, through the calculation, we will know the distance where the MPE limit is reached.

2 Measurement Result

BT:

Operation Frequency: 2402-2480MHz,
Power density limited: 1mW/ cm²

2.4GWiFi:

Operation Frequency: WIFI 802.11b/g/n20/ax20: 2412-2462MHz
Power density limited: 1mW/ cm²

5GWiFi:

802.11a: 20 MHz
802.11n: 20 MHz, 40 MHz
802.11ac: 20 MHz, 40 MHz, 80MHz
802.11ax: 20 MHz, 40 MHz, 80MHz

Antenna Type: FPC antenna

Antenna gain:

Bluetooth: Ant1: 1.6dBi; Ant2: 1.6dBi

2.4G WIFI: Ant1: 1.6dBi; Ant2: 1.6dBi;

5G U-NII 1: Ant1: 2.8dBi, Ant2: 2.8dBi;

5G U-NII 2A: Ant1: 2.8dBi, Ant2: 2.8dBi;

5G U-NII 2C: Ant1: 2.8dBi, Ant2: 2.8dBi;

5G U-NII 3: Ant1: 2.8dBi, Ant2: 2.8dBi;

R=20cm

$mW=10^{(dBi/10)}$

BT: antenna gain Numeric= $10^{(dBi/10)}=10^{(1.6/10)}=1.45$

2.4G WIFI: Ant0&Ant1 antenna gain Numeric= $10^{(dBi/10)}=10^{(1.6/10)}=1.45$;

5G WIFI U-NII 1: Ant0&Ant1 antenna gain Numeric= $10^{(dBi/10)}=10^{(2.8/10)}=1.9$;

5G WIFI U-NII 2A: Ant0&Ant1 antenna gain Numeric= $10^{(dBi/10)}=10^{(2.8/10)}=1.9$;

5G WIFI U-NII 2C: Ant0&Ant1 antenna gain Numeric= $10^{(dBi/10)}=10^{(2.8/10)}=1.9$;

5G WIFI U-NII 3: Ant0&Ant1 antenna gain Numeric= $10^{(dBi/10)}=10^{(2.8/10)}=1.9$;

BR&EDR:
Ant1:

Channel Freq. (MHz)	modulation	conducted power	Tune-up power (dBm)	Max		Antenna		Evaluation result (mW/cm ²)	Power density Limits (mW/cm ²)
		(dBm)		tune-up power (dBm)	(mW)	Gain (dBi)	Numeric		
2402	GFSK	2.56	2±1	3	1.995	1.6	1.45	0.0006	1
2441		2.06	2±1	3	1.995	1.6	1.45	0.0006	1
2480		1.6	1±1	2	1.585	1.6	1.45	0.0005	1
2402	π/4-DQPSK	2.36	2±1	3	1.995	1.6	1.45	0.0006	1
2441		3.14	3±1	4	2.512	1.6	1.45	0.0007	1
2480		4.37	4±1	5	3.162	1.6	1.45	0.0009	1
2402	8DPSK	2.65	2±1	3	1.995	1.6	1.45	0.0006	1
2441		3.39	3±1	4	2.512	1.6	1.45	0.0007	1
2480		4.68	4±1	5	3.162	1.6	1.45	0.0009	1

Ant2:

Channel Freq. (MHz)	modulation	conducted power	Tune-up power (dBm)	Max		Antenna		Evaluation result (mW/cm ²)	Power density Limits (mW/cm ²)
		(dBm)		tune-up power (dBm)	(mW)	Gain (dBi)	Numeric		
2402	GFSK	2.90	3±1	4	2.512	1.6	1.45	0.0007	1
2441		3.11	3±1	4	2.512	1.6	1.45	0.0007	1
2480		3.94	4±1	5	3.162	1.6	1.45	0.0009	1
2402	π/4-DQPSK	2.57	2±1	3	1.995	1.6	1.45	0.0006	1
2441		3.21	3±1	4	2.512	1.6	1.45	0.0007	1
2480		4.38	4±1	5	3.162	1.6	1.45	0.0009	1
2402	8DPSK	2.82	2±1	3	1.995	1.6	1.45	0.0006	1
2441		3.46	3±1	4	2.512	1.6	1.45	0.0007	1
2480		4.7	4±1	5	3.162	1.6	1.45	0.0009	1

BLE:
Ant1:

Channel Freq. (MHz)	modulation	conducted power	Tune-up power (dBm)	Max		Antenna		Evaluation result (mW/cm ²)	Power density Limits (mW/cm ²)
		(dBm)		tune-up power (dBm)	(mW)	Gain (dBi)	Numeric		
2402	GFSK-1M	4.42	4±1	5	3.162	1.6	1.45	0.0009	1
2440		3.42	3±1	4	2.512	1.6	1.45	0.0007	1
2480		3.84	3±1	4	2.512	1.6	1.45	0.0007	1
2402	GFSK-2M	2.79	2±1	3	1.995	1.6	1.45	0.0006	1
2440		3.43	3±1	4	2.512	1.6	1.45	0.0007	1
2480		3.89	3±1	4	2.512	1.6	1.45	0.0007	1

Ant2:

Channel Freq. (MHz)	modulation	conducted power	Tune-up power (dBm)	Max		Antenna		Evaluation result (mW/cm ²)	Power density Limits (mW/cm ²)
		(dBm)		tune-up power (dBm)	(mW)	Gain (dBi)	Numeric		
2402	GFSK-1M	2.91	3±1	4	2.512	1.6	1.45	0.0007	1
2440		3.46	3±1	4	2.512	1.6	1.45	0.0007	1
2480		3.87	3±1	4	2.512	1.6	1.45	0.0007	1
2402	GFSK-2M	2.91	3±1	3	1.995	1.6	1.45	0.0006	1
2440		3.48	3±1	4	2.512	1.6	1.45	0.0007	1
2480		3.9	4±1	5	3.162	1.6	1.45	0.0009	1

2.4GWiFi:

Channel Freq. (MHz)	modulation	conducted power		Tune-up power		Max				Antenna		Evaluation result at 20cm			Power density Limits
		(dBm)		(dBm)		tune-up power				Gain		Power density(mW/cm2)			(mW/cm2)
						(dBm)		(mW)		Numeric					
		Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	
2412	802.11b	13.12	13.1	13±1	13±1	14	14	25.12	25.12	1.45	1.45	0.007	0.007	/	
2437		12.85	12.93	12±1	12±1	13	13	19.95	19.95	1.45	1.45	0.006	0.006	/	1
2462		11.55	11.63	11±1	11±1	12	11	15.85	12.59	1.45	1.45	0.005	0.004	/	1
2412	802.11g	12.24	13.53	12±1	13±1	13	14	19.95	25.12	1.45	1.45	0.006	0.007	/	1
2437		11.95	13.14	12±1	13±1	13	14	19.95	25.12	1.45	1.45	0.006	0.007	/	1
2462		10.7	11.91	10±1	12±1	11	13	12.59	19.95	1.45	1.45	0.004	0.006	/	1
2412	802.11n H20	14.29	13.59	14±1	13±1	15	14	31.62	25.12	1.45	1.45	0.009	0.007	/	1
2437		13.94	13.16	14±1	13±1	15	14	31.62	25.12	1.45	1.45	0.009	0.007	/	1
2462		12.84	11.96	12±1	12±1	13	13	19.95	19.95	1.45	1.45	0.006	0.006	/	1
2422	802.11ax20	14.78	14.97	14±1	15±1	15	16	31.62	39.81	1.45	1.45	0.009	0.011	/	1
2437		14.39	14.53	14±1	14±1	15	15	31.62	31.62	1.45	1.45	0.009	0.009	/	1
2452		13.4	13.26	13±1	13±1	14	14	25.12	25.12	1.45	1.45	0.007	0.007	/	1

5G WIFI: UNII-1

Channel Freq. (MHz)	modulation	conducted power		Tune-up power		Max				Antenna		Evaluation result at 20cm			Power density Limits (mW/cm2)
		(dBm)		(dBm)		tune-up power				Gain		Power density(mW/cm2)			
						(dBm)		(mW)		Numeric					
		Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	
5180	802.11a	-6.4	-0.43	(-6) ±1	0±1	-5	1	0.32	1.26	1.91	1.91	0.0001	0.0005	/	1
5200		-5.99	-0.36	(-6) ±1	0±1	-5	1	0.32	1.26	1.91	1.91	0.0001	0.0005	/	1
5240		-5.18	0.68	(-5) ±1	0±1	-4	1	0.40	1.26	1.91	1.91	0.0002	0.0005	/	1
5180	802.11n 20	-4.84	-1.47	(-4) ±1	(-1) ±1	-3	0	0.50	1.00	1.91	1.91	0.0002	0.0004	/	1
5200		-4.31	-1.78	(-4) ±1	(-1) ±1	-3	0	0.50	1.00	1.91	1.91	0.0002	0.0004	/	1
5240		-3.46	-0.25	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5190	802.11n 40	-4.55	-1.53	(-4) ±1	(-1) ±1	-3	0	0.50	1.00	1.91	1.91	0.0002	0.0004	/	1
5230		-3.56	-0.21	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5180	802.11a c 20	-4.72	-1.48	(-4) ±1	(-1) ±1	-3	0	0.50	1.00	1.91	1.91	0.0002	0.0004	/	1
5200		-4.24	-1.3	(-4) ±1	(-1) ±1	-3	0	0.50	1.00	1.91	1.91	0.0002	0.0004	/	1
5240		-3.39	-0.21	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5190	802.11a c 40	-1.51	-1.44	(-1) ±1	(-1) ±1	0	0	1.00	1.00	1.91	1.91	0.0004	0.0004	/	1
5230		-0.4	-0.17	0±1	0±1	2	1	1.58	15.85	1.91	1.91	0.0006	0.0060	/	1
5210	802.11a c 80	-2.15	-2.69	(-2) ±1	(-2) ±1	-1	-1	0.79	10.00	1.91	1.91	0.0003	0.0038	/	1
5180	802.11a x 20	-4.48	-0.71	(-4) ±1	0±1	-3	1	0.50	1.26	1.91	1.91	0.0002	0.0005	/	1
5200		-4.11	-0.54	(-4) ±1	0±1	-3	1	0.50	1.26	1.91	1.91	0.0002	0.0005	/	1
5240		-3.03	0.5	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1

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5190	802.11a x 40	-0.76	-0.86	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.000 5	0.000 5	/	1
5230		0.37	0.46	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.000 5	0.000 5	/	1
5210	802.11a x 80	-1.77	-2.62	(- 1) ±1	(- 2) ±1	0	-1	1.00	0.79	1.91	1.91	0.000 4	0.000 3	/	1

UNII-2A

Channel Freq. (MHz)	modulation	conducted power		Tune-up power		Max				Antenna		Evaluation result at 20cm			Power density Limits
		(dBm)		(dBm)		tune-up power				Gain		Power density(mW/cm2)			(mW/cm2)
						(dBm)		(mW)		Numeric					
		Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	
5260	802.11a	-5.07	0.99	(-5) ±1	1±1	-4	2	0.40	1.58	1.91	1.91	0.0002	0.0006	/	
5280		-4.8	1.4	(-4) ±1	1±1	-3	2	0.50	1.58	1.91	1.91	0.0002	0.0006	/	1
5320		-4.5	1.2	(-4) ±1	1±1	-3	2	0.50	1.58	1.91	1.91	0.0002	0.0006	/	1
5260	802.11n 20	-3.5	0.01	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5280		-3.09	0.41	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5320		-2.53	0.34	(-2) ±1	0±1	-1	1	0.79	1.26	1.91	1.91	0.0003	0.0005	/	1
5270	802.11n 40	-2.93	0.14	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5310		-2.52	0.63	(-2) ±1	0±1	-1	1	0.79	1.26	1.91	1.91	0.0003	0.0005	/	1
5260	802.11a c 20	-3.4	-0.01	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5280		-3.01	0.37	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5320		-2.38	0.37	(-2) ±1	0±1	-1	1	0.79	1.26	1.91	1.91	0.0003	0.0005	/	1
5270	802.11a c 40	0.09	0.18	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5310		0.44	0.67	0±1	0±1	1	1	1.26	15.85	1.91	1.91	0.0005	0.0060	/	1
5290	802.11a c 80	-1.02	-0.8	(-1) ±1	0±1	0	1	1.00	10.00	1.91	1.91	0.0004	0.0038	/	1
5260	802.11a x 20	-3.06	0.71	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5280		-2.69	1.09	(-2) ±1	1±1	-1	2	0.79	1.58	1.91	1.91	0.0003	0.0006	/	1
5320		-2.31	0.86	(-2) ±1	0±1	-1	1	0.79	1.26	1.91	1.91	0.0003	0.0005	/	1
5270	802.11a x 40	0.61	0.73	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5310		0.51	1.02	0±1	1±1	1	2	1.26	1.58	1.91	1.91	0.0005	0.0006	/	1
5290	802.11a x 80	-1	-0.94	(-1) ±1	0±1	0	1	1.00	1.26	1.91	1.91	0.0004	0.0005	/	1

UNII-2C

Channel Freq. (MHz)	modulation	conducted power		Tune-up power		Max				Antenna		Evaluation result at 20cm			Power density Limits (mW/cm2)
		(dBm)		(dBm)		tune-up power				Gain		Power density(mW/cm2)			
						(dBm)		(mW)		Numeric					
		Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	
5500	802.11a	-5.42	-1.61	(-5) ±1	(-1) ±1	-4	0	0.40	1.00	1.91	1.91	0.0002	0.0004	/	1
5580		-3.71	0.6	(-3) ±1	0±1	-3	1	0.50	1.26	1.91	1.91	0.0002	0.0005	/	1
5700		-1.7	0.9	(-1)±1	0±1	0	1	1.00	1.26	1.91	1.91	0.0004	0.0005	/	1
5500	802.11n 20	-3.58	-2.52	(-3) ±1	(-2) ±1	-2	-1	0.63	0.79	1.91	1.91	0.0002	0.0003	/	1
5580		1.09	-0.25	1±1	0±1	2	1	1.58	1.26	1.91	1.91	0.0006	0.0005	/	1
5700		0.17	0.05	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5510	802.11n 40	-0.84	-2.18	0±1	(-2) ±1	1	-1	1.26	0.79	1.91	1.91	0.0005	0.0003	/	1
5550		0.46	-1.12	0±1	(-1) ±1	1	0	1.26	1.00	1.91	1.91	0.0005	0.0004	/	1
5670		0.57	0.23	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5500	802.11a c 20	-3.34	-2.52	(-3) ±1	(-2) ±1	-2	-1	0.63	0.79	1.91	1.91	0.0002	0.0003	/	1
5580		1.18	-0.18	1±1	0±1	2	1	1.58	1.26	1.91	1.91	0.0006	0.0005	/	1
5700		0.25	0.09	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5510	802.11a c 40	-0.31	-2.15	0±1	(-2) ±1	1	-1	1.26	0.79	1.91	1.91	0.0005	0.0003	/	1
5550		0.57	-1.08	0±1	(-1) ±1	1	0	1.26	1.00	1.91	1.91	0.0005	0.0004	/	1
5670		0.64	0.25	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5530	802.11a c 80	-1.28	-2.92	(-1) ±1	(-2) ±1	0	-1	1.00	0.79	1.91	1.91	0.0004	0.0003	/	1
5610		-0.31	-1.35	0±1	(-1) ±1	1	0	1.26	1.00	1.91	1.91	0.0005	0.0004	/	1
5500	802.11a x 20	-3.21	-1.69	(-3) ±1	(-1) ±1	-2	0	0.63	1.00	1.91	1.91	0.0002	0.0004	/	1
5580		2.04	0.52	2±1	0±1	3	1	2.00	1.26	1.91	1.91	0.0008	0.0005	/	1
5700		1.18	0.84	1±1	0±1	2	1	1.58	1.26	1.91	1.91	0.0006	0.0005	/	1
5510	802.11a x 40	0.26	-1.53	0±1	(-1) ±1	1	0	1.26	1.00	1.91	1.91	0.0005	0.0004	/	1
5550		1.09	-0.45	1±1	0±1	2	1	1.58	1.26	1.91	1.91	0.0006	0.0005	/	1
5670		1.28	0.83	1±1	0±1	2	1	1.58	1.26	1.91	1.91	0.0006	0.0005	/	1
5530	802.11a x 80	-1.67	-2.95	(-1) ±1	(-3) ±1	0	-2	1.00	0.63	1.91	1.91	0.0004	0.0002	/	1
5610		-0.33	-1.43	0±1	(-1) ±1	1	0	1.259	15.849	1.91	1.91	0.00048	0.00601	/	1

UNII-3

Channel Freq. (MHz)	modulation	conducted power		Tune-up power		Max				Antenna		Evaluation result at 20cm			Power density Limits
		(dBm)		(dBm)		tune-up power				Gain		Power density(mW/cm2)			(mW/cm2)
						(dBm)		(mW)		Numeric					
		Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Sum	
5745	802.1 1a	-2.06	0.7	(-2) ±1	0±1	-1	1	0.79	1.26	1.91	1.91	0.0003	0.0005	/	1
5785		-3.32	-0.58	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5825		-3.14	-0.6	(-3) ±1	0±1	-2	1	0.63	1.26	1.91	1.91	0.0002	0.0005	/	1
5745	802.1 1n20	-0.26	-0.17	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5785		-1.52	-1.54	(-1) ±1	(-1) ±1	0	0	1.00	1.00	1.91	1.91	0.0004	0.0004	/	1
5825		-1.49	-1.47	(-1) ±1	(-1) ±1	0	0	1.00	1.00	1.91	1.91	0.0004	0.0004	/	1
5755	802.1 1n 40	-0.54	-0.4	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5795		-1.53	-1.52	(-1) ±1	(-1) ±1	0	0	1.00	1.00	1.91	1.91	0.0004	0.0004	/	1
5745	802.1 1ac 20	-0.15	-0.6	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5785		-1.5	-1.54	(-1) ±1	(-1) ±1	0	0	1.00	1.00	1.91	1.91	0.0004	0.0004	/	1
5825		-1.47	-1.47	(-1) ±1	(-1) ±1	0	0	1.00	1.00	1.91	1.91	0.0004	0.0004	/	1
5755	802.1 1ac 40	-0.49	-0.41	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5795		-1.52	-1.5	(-1) ±1	(-1) ±1	0	0	1.00	15.849	1.91	1.91	0.0004	0.00601	/	1
5775	802.1 1ac 80	-1.33	-3.57	(-1) ±1	(-3) ±1	0	-2	1.00	0.63	1.91	1.91	0.0004	0.0002	/	1
5745	802.1 1ax 20	0.92	0.57	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5785		-0.47	-0.74	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5825		-0.52	-0.66	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5755	802.1 1ax 40	0.44	0.27	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5795		-0.55	-0.77	0±1	0±1	1	1	1.26	1.26	1.91	1.91	0.0005	0.0005	/	1
5775	802.1 1ax 80	-2.75	-3.69	(-2) ±1	(-3) ±1	-1	-2	0.79	0.63	1.91	1.91	0.0003	0.0002	/	1

SIMULTANEOUS TRANSMISSIONS

When a number of sources at different frequencies, and/or broadband sources, contribute to the total exposure, it becomes necessary to weigh each contribution relative to the MPE. To comply with the MPE, the fraction of the MPE in terms of E2, H2 (or power density) incurred within each frequency interval should be determined and the sum of all such fractions should not exceed unity. In order to ensure compliance with the MPE for a controlled environment, the sum of the ratios of the power density to the corresponding MPE should not exceed unity. That is

$$\sum_{i=1}^n \frac{S_i}{MPE_i} \leq 1$$

Simultaneous transmit:

Operating Band	The MPE ratio
Bluetooth	0.0009
2.4G WIFI	0.009
5G WIFI	0.006

Bluetooth+2.4G WIFI=0.0009+0.009=0.0099

Bluetooth+5G WIFI =0.0009+0.006=0.0069

Conclusion:

Note: 2.4GWIFI and 5GWIFI cannot work at the same time

For the max result: $0.0099 \leq 1.0$ test exclusion threshold, No SAR is required.

Statement

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***** END OF REPORT *****