



FCC ID: SS4S20W1

Simultaneous Transmission Conditions

Total exposure ratio calculated by taking ratio of reported SAR divided by SAR limit and adding it to measured power density divided by power density limit. Numerical sum of the two ratios should be less than 1

$$TER = \sum_{a=1}^A \frac{SAR_a}{SAR_{a, \text{limit}}} + \sum_{b=1}^B \frac{psPD_b}{psPD_{b, \text{limit}}} < 1$$

Simultaneous Transmission Possibilities

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Body
1	Ant1+Ant2	Yes



Wifi 6e psPD Body Total Exposure Ratio

		psPD	psPD	2.4G Ant 1	2.4G Ant 2	5G Ant 1	5G Ant 2	Bluetooth ant1	psPD ant1+2.4G	psPD ant1+5G	psPD Ant	psPD Ant 2+5G	psPD Ant
		Ant 1	Ant 2	Report SAR	Ant 2	Ant 2	2+2.4G Ant 1	Ant 1	2+Bluetooth				
		W/m ²	W/m ²	W/kg	W/kg	W/kg	W/kg	W/kg	Report SAR	Report SAR	Report SAR	Report SAR	ant1
		1	2	3	4	5	6	7	1+4	1+6	2+3	2+5	2+7
Applicable Limit		10.0	10.0	1.6	1.6	1.6	1.6	1.6	1.0	1.0	1.0	1.0	1.0
Front Face	Report Value	5.837		0.07	0.06	0.58	0.44	0.01					
	Ratio to Limit	0.584		0.044	0.038	0.363	0.275	0.006	0.621	0.859	0.044	0.363	0.006
Top Side	Report Value		2.582	0.06	0.1	1.05	0.67	0.02					
	Ratio to Limit		0.258	0.038	0.063	0.656	0.419	0.013	0.063	0.419	0.296	0.914	0.271

Note:

1. Total Exposure Ratio (TER) is less than 1 in RF exposure conditions.
2. Adjusted factor is (simulated PD on desired exposure plane)/(PD on worst-surface at 2mm evaluation distance out of all beams and out of all channels. See Power Density Simulation Report.
3. Worst-case power density results for each test configuration among all antenna arrays and among all supported bands were considered for Total Exposure Ratio analysis.
4. The SAR data for Wi-Fi 2.4G and Wi-Fi 5G are derived from the SAR report. Report No: FCCSZ2025-0036-SAR. The psPD data for Wi-Fi 6e comes from another report. Report No: TCWA25050032401.

Important

- (1) The test report is invalid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

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