

FCC ID:S5V-D101V2

Portable device

According to §15.247(e)(i) and §1.1307(b)(1), systems operating under the provisions of this 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.

According to KDB447498 D01 General RF Exposure Guidance V06

The 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot \sqrt{f(\text{GHZ})} \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

- $f(\text{GHZ})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

BT:

Modulation	Channel Freq. (GHz)	Conducted power (dBm)	Conducted power (mW)	Tune-up power (dBm)	Max tune-up power (dBm)	Max tune-up power (mW)	Distance (mm)	Result calculation	SAR Exclusion threshold	SAR test exclusion
GFSK	2.402	4.651	2.92	4±1	5.00	3.16	<5	0.97950	3.00	YES
	2.441	4.765	3.00	4±1	5.00	3.16	<5	0.98742	3.00	YES
	2.480	4.504	2.82	4±1	5.00	3.16	<5	0.99527	3.00	YES
$\pi/4$ -DQPSK	2.402	4.091	2.57	4±1	5.00	3.16	<5	0.97950	3.00	YES
	2.441	4.238	2.65	4±1	5.00	3.16	<5	0.98742	3.00	YES
	2.480	4.086	2.56	4±1	5.00	3.16	<5	0.99527	3.00	YES
8DPSK	2.402	4.540	2.84	4±1	5.00	3.16	<5	0.97950	3.00	YES
	2.441	4.370	2.74	4±1	5.00	3.16	<5	0.98742	3.00	YES
	2.480	4.478	2.80	4±1	5.00	3.16	<5	0.99527	3.00	YES

WIFI:

Modulation	Channel Freq. (GHz)	Conducted power (dBm)	Conducted power (mW)	Tune-up power (dBm)	Max tune-up power (dBm)	Max tune-up power (mW)	Distance (mm)	Result calculation	SAR Exclusion threshold	SAR test exclusion
802.11b	2.412	9.1	8.13	8.5±1	9.50	8.91	<5	2.76834	3.00	YES
	2.437	9.3	8.51	8.5±1	9.50	8.91	<5	2.78264	3.00	YES
	2.462	9.0	7.94	8.5±1	9.50	8.91	<5	2.79688	3.00	YES
802.11g	2.412	8.9	7.76	8±1	9.00	7.94	<5	2.46728	3.00	YES
	2.437	8.7	7.41	8±1	9.00	7.94	<5	2.48003	3.00	YES
	2.462	8.6	7.24	8±1	9.00	7.94	<5	2.49272	3.00	YES
802.11n20	2.412	8.7	7.41	8±1	9.00	7.94	<5	2.46728	3.00	YES
	2.437	8.5	7.08	8±1	9.00	7.94	<5	2.48003	3.00	YES
	2.462	8.6	7.24	8±1	9.00	7.94	<5	2.49272	3.00	YES
802.11n40	2.422	8.3	6.76	8±1	9.00	7.94	<5	2.47239	3.00	YES
	2.437	8.4	6.92	8±1	9.00	7.94	<5	2.48003	3.00	YES
	2.452	8.8	7.59	8±1	9.00	7.94	<5	2.48766	3.00	YES

Conclusion:

For the max result : $2.79688\text{W/Kg} \leq \text{FCC Limit } 3.0\text{W/Kg}$ for 1g SAR.

A handwritten signature in black ink that reads "Jason Chen". The letters are cursive and slightly slanted.

Signature:

Date: 2017-12-02

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