

Simultaneous Transmission for SAR Test Exclusion

Device FCC ID IOL-134-AV1050

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	mW		
8.89	0.373333	Radio 1	BLE
0.71	0.000219	Radio 2	134.2 kHz

0.3736 Total Total Must be ≤ 0.4

-0.02645 Margin

b) When an antenna qualifies for the standalone SAR test exclusion of 4.3.1 and also transmits simultaneously with other antennas, the standalone SAR value must be estimated according to the following to determine the simultaneous transmission SAR test exclusion criteria:

1) $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [v_f(\text{GHz})/x]$ W/kg, for test separation distances ≤ 50 mm; where $x = 7.5$ for 1-g SAR and $x = 18.75$ for 10-g SAR.

2) 0.4 W/kg for 1-g SAR and 1.0 W/kg for 10-g SAR, when the test separation distance is > 50 mm.