

1. Hall Sensor Validation Data

6025 MHz

IMU is always being triggered during the validation process.

Hinge Angle (°)	Hall Effect Sensor Status	Measured Power (dBm)
90	Open	5.78
80	Open	5.78
70	Open	5.78
60	Folded	2.13
65	Open	5.78
64	Open	5.78
63	Folded	2.13
62	Folded	2.13
61	Folded	2.13
60	Folded	2.13
59	Folded	2.13
58	Folded	2.13
48	Folded	2.13
38	Folded	2.13
28	Folded	2.13
18	Folded	2.13
8	Folded	2.13
0	Folded	2.13

Table 1 Hall Effect Sensor Validation Data-Temple Arm Switching from Open to Closed

Hinge Angle (°)	Hall Effect Sensor Status	Measured Power (dBm)
5	Folded	2.13
15	Folded	2.13
25	Folded	2.13
35	Folded	2.13
45	Folded	2.13
55	Folded	2.13
65	Open	5.78
60	Folded	2.13
61	Folded	2.13
62	Folded	2.13
63	Open	5.78
64	Open	5.78
65	Open	5.78
66	Open	5.78
67	Open	5.78
68	Open	5.78
78	Open	5.78
88	Open	5.78

Table 2 Hall Effect Sensor Validation Data-Temple Arm Switching from Closed to Open

2. IMU Validation

6025 MHz

$T_{\text{relax}} = 20 \text{ seconds}$, $T_{\text{trigger}} = \text{instant } (\sim \text{ms})$, $P_{\text{high}} = 15.49 \text{ dBm}$, $P_{\text{low}} = 5.78 \text{ dBm}$

Power State B (Rest-on-shirt Power State) is used as IMU non-static Power State

Time (s)	Action	IMU Status	Measured Power (dBm)
0	Move Device to trigger IMU	Non-static	5.78
10	Set Device on static table	Non-static	5.78
30	Set Device on static table	Static	15.49
40	Move Device to trigger IMU	Non-static	5.78

Table 1 P_{high} and P_{low} Validation

Time (s)	Action	IMU Status	Measured Power (dBm)
0	Move Device to trigger IMU	Non-static	5.78
10	Set Device on static table	Non-static	5.78
35	Set Device on static table	Static	15.49
40	Move Device to trigger IMU	Non-static	5.78
45	Move Device to trigger IMU	Non-static	5.78
50	Move Device to trigger IMU	Non-static	5.78
55	Set Device on static table	Non-static	5.78
75	Set Device on static table	Static	15.49

Table 2 T_{relax} Validation

3. Power Reduction Mechanism Validation

Power is measured at 802.11ax, HE160, 6025 MHz MCS0 mode

Initial Power State	Power Measured at Initial Power State (dBm)	Subsequent Power State	Power Measured at Subsequent Power State (dBm)
A	5.78	B	2.13
A	5.78	C	13.88
A	5.78	D	15.49
B	2.13	C	13.88
B	2.13	D	15.49
C	13.88	D	15.49

4. Supplemental SAR Tests Results

General Note:

1. Guidance is here provided in regard to RF devices that use motion sensors to detect a "on-body" use conditions, in order to control the RF conducted power to maintain RF exposure compliance. For these cases, it is also necessary to address "off-body, but close" use condition, such as the device on a stationary surface (e.g., a table), thus with the motion sensors not triggered and therefore operating at maximum power, but close enough to a person's body to pose RF exposure compliance concerns.
2. Accordingly, it is possible to consider that, if the particular device under test (DUT) is shown to be RF-exposure-compliant at 25 mm without any power reduction, then any off-body use will also lead to an exposure that, on average, is within the compliance threshold.
3. The test data is selected according to the worst case SAR configuration.

Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Sample	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
WLAN6GHz	802.11ax-HE160 MCS0	Left Temple Arm Outer Edge Touching Phantom	25mm	Ant 1	C	111	6505	1	13.29	15.25	1.570	100	1.000	0.13	0.044	0.069