



FCC ID: A3LXE503C12  
 IC ID: 649E-XE503C12

The standalone SAR test exclusion procedure in FCC KDB 447498 D01v05r02 § 4.3.1 is applied:

## Standalone SAR Test Exclusion Considerations

### Antennas < 50mm to adjacent edges

Antenna	Tx Interface	Frequency (M Hz)	Output Power		Separation Distances (mm)	Calculated Threshold Value
			dBm	mW		
<b>Main</b>						
Main	Wi-Fi 2.4 GHz	2462	16.00	40	190	> 50 mm
Main	Wi-Fi 5.2 GHz	5240	11.00	13	190	> 50 mm
Main	Wi-Fi 5.3 GHz	5320	12.00	16	190	> 50 mm
Main	Wi-Fi 5.5 GHz	5700	15.00	32	190	> 50 mm
Main	Wi-Fi 5.8 GHz	5825	14.00	25	190	> 50 mm
Main	Bluetooth	2480	10.50	11	190	> 50 mm
<b>Aux</b>						
Aux	Wi-Fi 2.4 GHz	2462	16.00	40	190	> 50 mm
Aux	Wi-Fi 5.2 GHz	5240	11.00	13	190	> 50 mm
Aux	Wi-Fi 5.3 GHz	5320	12.00	16	190	> 50 mm
Aux	Wi-Fi 5.5 GHz	5700	15.00	32	190	> 50 mm
Aux	Wi-Fi 5.8 GHz	5825	14.00	25	190	> 50 mm
<b>802.11ac, 5 GHz, SISO and MIMO (same power is assumed for SISO and MIMO)</b>						
Antenna	Tx Interface	Frequency (M Hz)	Output Power		Separation Distances (mm)	Calculated Threshold Value
			dBm	mW		
<b>Main</b>						
Main	Wi-Fi 5.2 GHz ac	5240	8.00	6	190	> 50 mm
Main	Wi-Fi 5.3 GHz ac	5320	8.00	6	190	> 50 mm
Main	Wi-Fi 5.5 GHz ac	5700	8.00	6	190	> 50 mm
Main	Wi-Fi 5.8 GHz ac	5825	8.00	6	190	> 50 mm
<b>Aux</b>						
Aux	Wi-Fi 5.2 GHz ac	5240	8.00	6	190	> 50 mm
Aux	Wi-Fi 5.3 GHz ac	5320	8.00	6	190	> 50 mm
Aux	Wi-Fi 5.5 GHz ac	5700	8.00	6	190	> 50 mm
Aux	Wi-Fi 5.8 GHz ac	5825	8.00	6	190	> 50 mm

### Note(s):

According to KDB 447498, if the calculated threshold value is >3 then SAR testing is required. To conclude, SAR Testing is not required.



**Antennas > 50mm to adjacent edges**

Antenna	Tx Interface	Frequency (M Hz)	Output Power		Separation Distances (mm)	Calculated Threshold Value
			dBm	mW		
<b>Main</b>						
Main	Wi-Fi 2.4 GHz	2462	16.00	40	190	1495.6 mW -EXEMPT-
Main	Wi-Fi 5.2 GHz	5240	11.00	13	190	1465.5 mW -EXEMPT-
Main	Wi-Fi 5.3 GHz	5320	12.00	16	190	1465 mW -EXEMPT-
Main	Wi-Fi 5.5 GHz	5700	15.00	32	190	1462.8 mW -EXEMPT-
Main	Wi-Fi 5.8 GHz	5825	14.00	25	190	1462.2 mW -EXEMPT-
Main	Bluetooth	2480	10.50	11	190	1495.3 mW -EXEMPT-
<b>Aux</b>						
Aux	Wi-Fi 2.4 GHz	2462	16.00	40	190	1495.6 mW -EXEMPT-
Aux	Wi-Fi 5.2 GHz	5230	11.00	13	190	1465.6 mW -EXEMPT-
Aux	Wi-Fi 5.3 GHz	5300	12.00	16	190	1465.2 mW -EXEMPT-
Aux	Wi-Fi 5.5 GHz	5680	15.00	32	190	1462.9 mW -EXEMPT-
Aux	Wi-Fi 5.8 GHz	5825	14.00	25	190	1462.2 mW -EXEMPT-
<b>802.11ac, 5 GHz, SISO and MIMO (same power is assumed for SISO and MIMO)</b>						
Antenna	Tx Interface	Frequency (M Hz)	Output Power		Separation Distances (mm)	Calculated Threshold Value
			dBm	mW		
<b>Main</b>						
Main	Wi-Fi 5.2 GHz ac	5240	8.00	6	190	1465.5 mW -EXEMPT-
Main	Wi-Fi 5.3 GHz ac	5320	8.00	6	190	1465 mW -EXEMPT-
Main	Wi-Fi 5.5 GHz ac	5700	8.00	6	190	1462.8 mW -EXEMPT-
Main	Wi-Fi 5.8 GHz ac	5825	8.00	6	190	1462.2 mW -EXEMPT-
<b>Aux</b>						
Aux	Wi-Fi 5.2 GHz ac	5240	8.00	6	190	1465.5 mW -EXEMPT-
Aux	Wi-Fi 5.3 GHz ac	5320	8.00	6	190	1465 mW -EXEMPT-
Aux	Wi-Fi 5.5 GHz ac	5700	8.00	6	190	1462.8 mW -EXEMPT-
Aux	Wi-Fi 5.8 GHz ac	5825	8.00	6	190	1462.2 mW -EXEMPT-

**Note(s):**

According to KDB 447498, if the calculated threshold value is >3 then SAR testing is required. To conclude, SAR Testing is not required.