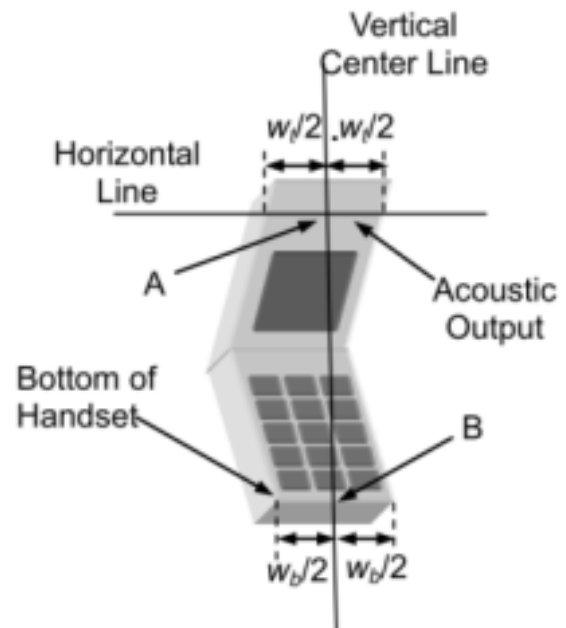
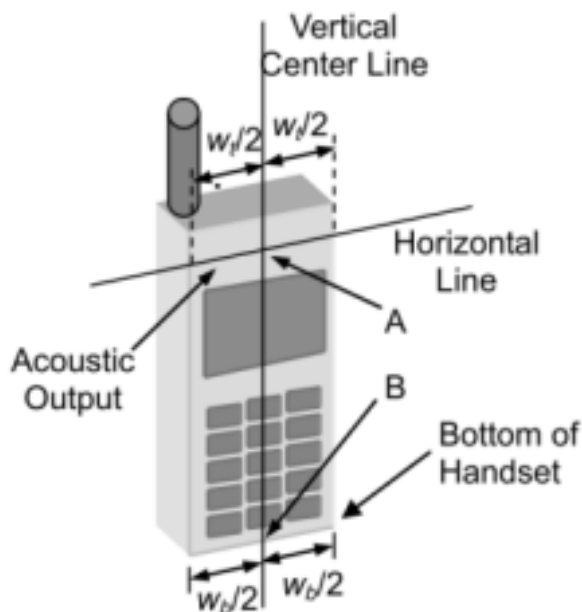


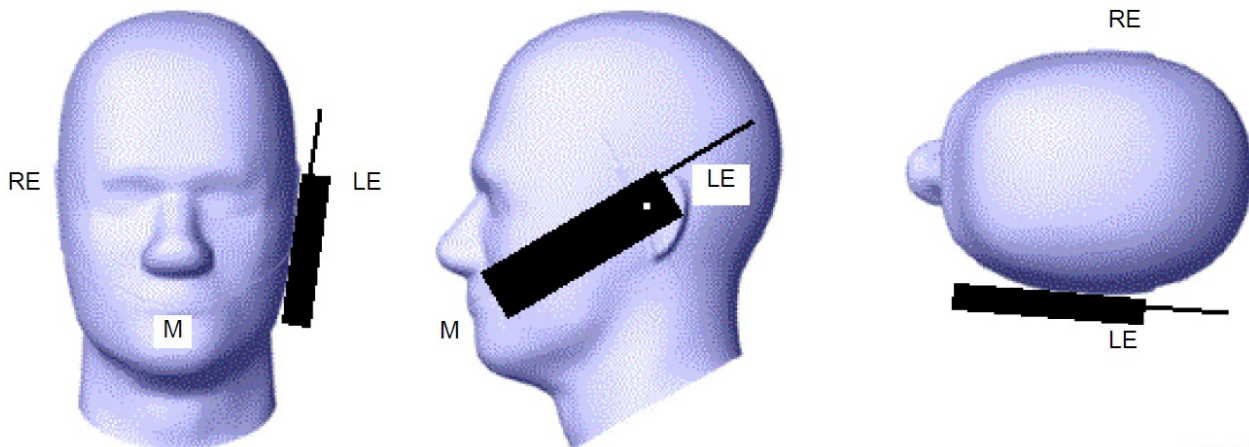
EUT constructions

- (a) The vertical center line passes through two points on the front side of the handset - the midpoint of the width w_t of the handset at the level of the acoustic output, and the midpoint of the width w_b of the bottom of the handset.
- (b) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- (c) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical center line is not necessarily parallel to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



Cheek Position

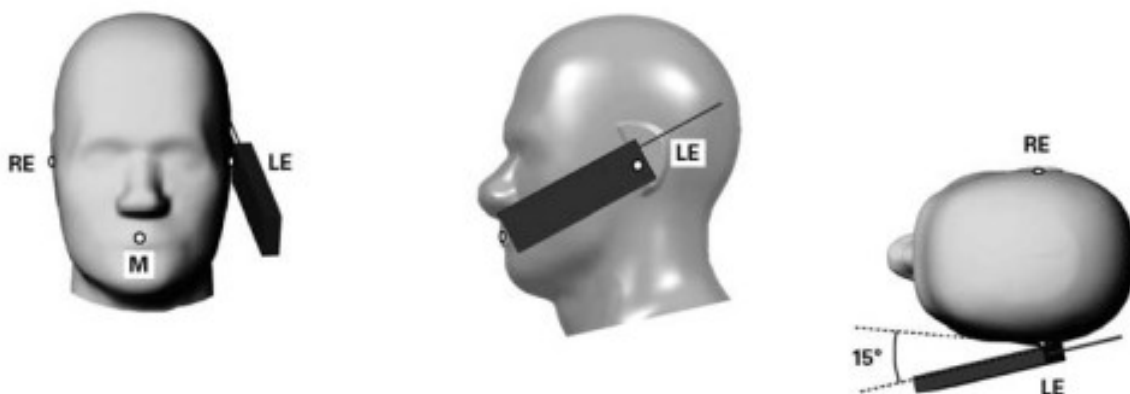
- To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.



IEC 226/05

Tilted Position

- To position the device in the “cheek” position described above.
- While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.

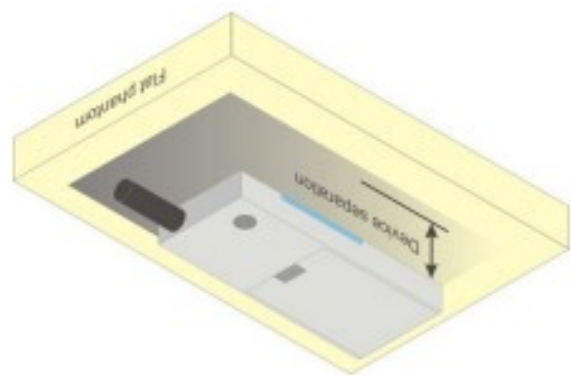
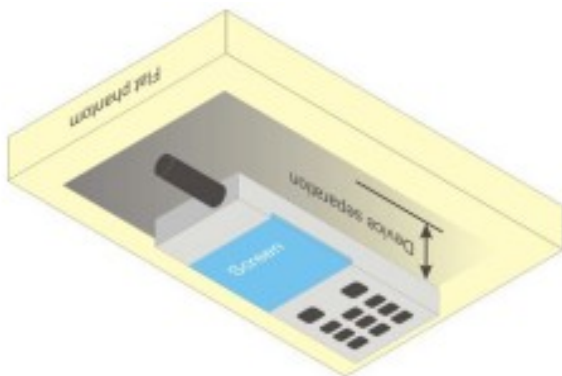


6.1.2. Body-worn Test Position Conditions

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB 447498 are used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode. When the reported SAR for a body-worn accessory.

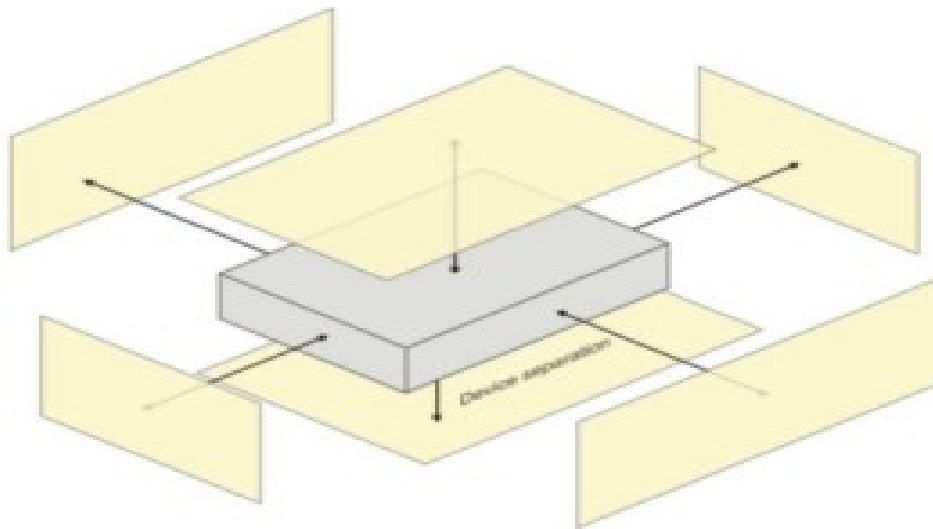
Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics. All body-worn accessories containing metallic components are tested in conjunction with the host device.

Body-worn accessory SAR compliance is based on a single minimum test separation distance for all wireless and operating modes applicable to each body-worn accessory used by the host, and according to the relevant voice and/or data mode transmissions and operations. If a body-worn accessory supports voice only operations in its normal and expected use conditions, testing of data mode for body-worn compliance is not required. A conservative minimum test separation distance for supporting off-the-shelf body-worn accessories that may be acquired by users of consumer handsets is used to test for body-worn accessory SAR compliance. This distance is determined by the handset manufacturer, according to the requirements of Supplement C 01-01. Devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, will be tested using a conservative minimum test separation distance ≤ 5 mm to support compliance.



6.1.3. Hotspot Mode Test Position Conditions

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing functions, the relevant hand and body exposure conditions are tested according to the hotspot SAR procedures in KDB 941225. A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge. When the form factor of a handset is smaller than 9 cm x 5 cm, a test separation distance of 5 mm (instead of 10 mm) is required for testing hotspot mode. When the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).

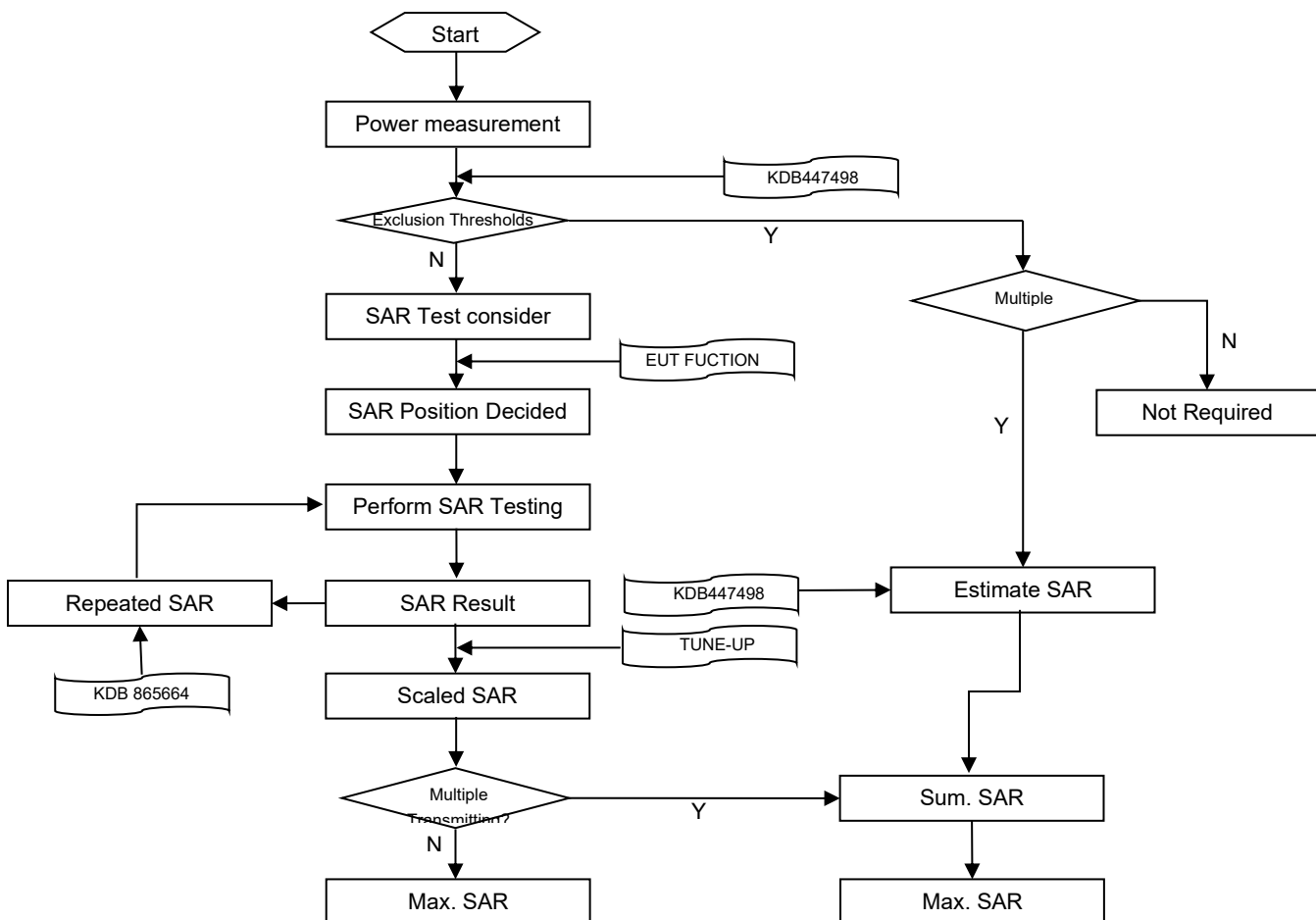


6.2 Product Specific 10g Exposure Consideration

According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modems and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance;

The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

6.3 Measurement Process Diagram



7 TEST RESULT

7.1 Measurement of RF conducted Power

Ant 1+2 DSI 0								
	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	Tune-Up Limit	
				Ant 1	Ant 2		SISO	MIMO
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.10	18.01	N/A	19.00	N/A
		6	2437	18.64	18.06		19.00	
		11	2462	18.41	18.05		19.00	
	802.11g 6Mbps	1	2412	18.13	18.20		19.00	
		6	2437	18.84	17.84		19.00	
		11	2462	18.64	18.24		19.00	
	802.11n-HT20 MCS0	1	2412	18.18	17.97	21.09	19.00	22.00
		6	2437	18.91	17.61	21.32	19.00	22.00
		11	2462	18.67	17.49	21.13	19.00	22.00
	802.11n-HT40 MCS0	3	2422	17.41	16.74	20.10	19.00	21.00
		6	2437	17.90	16.51	20.27	18.00	21.00
		9	2452	17.66	16.19	20.00	18.00	21.00
	802.11ax-HE20 MCS0	1	2412	16.97	17.81	20.42	18.00	21.00
		6	2437	17.64	17.59	20.63	18.00	21.00
		11	2462	17.60	17.84	20.73	18.00	21.00
	802.11ax-HE40 MCS0	3	2422	17.29	16.80	20.06	18.00	21.00
		6	2437	17.85	16.61	20.28	18.00	21.00
		9	2452	17.44	16.42	19.97	18.00	21.00
	802.11be-EHT20 MCS0	1	2412	17.01	18.06	20.58	18.00	21.00
		6	2437	17.96	17.46	20.73	18.00	21.00
		11	2462	17.51	17.73	20.63	18.00	21.00
	802.11be-EHT40 MCS0	3	2422	16.36	15.63	19.02	17.00	20.00
		6	2437	16.84	15.80	19.36	17.00	20.00
		9	2452	16.52	15.24	18.94	17.00	20.00

Ant 1+2 DSI 1							
	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	Tune-Up Limit
				Ant 1	Ant 2		
2.4GHz WLAN	802.11b 1Mbps	1	2412	Not required	14.44	Not required	15.00
		6	2437		14.62		15.00
		11	2462		14.38		15.00
	802.11g 6Mbps	1	2412	Not required	Not required	Not required	Not required
		6	2437				Not required
		11	2462				Not required
	802.11n-HT20 MCS0	1	2412	18.18	14.43	19.71	20.50
		6	2437	18.91	14.51	20.26	20.50
		11	2462	18.67	14.48	20.07	20.50
	802.11n-HT40 MCS0	3	2422	Not required	Not required	Not required	20.00
		6	2437				20.00
		9	2452				20.00
	802.11ax-HE20 MCS0	1	2412				20.00
		6	2437				20.00
		11	2462				20.00
	802.11ax-HE40 MCS0	3	2422				20.00
		6	2437				20.00
		9	2452				20.00
	802.11be-EHT20 MCS0	1	2412				20.00
		6	2437				20.00
		11	2462				20.00
	802.11be-EHT40 MCS0	3	2422				20.00
		6	2437				20.00
		9	2452				20.00

Bluetooth DSI 0						
Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune up	
			Ant 1	Ant 2	Ant 1	Ant 2
DH5	0	2402	15.24	15.12	16.00	16.00
	39	2441	15.38	15.31	16.00	16.00
	78	2480	15.23	15.28	16.00	16.00
2DH5	0	2402	12.25	11.53	13.00	12.00
	39	2441	11.82	11.51	13.00	12.00
	78	2480	11.86	11.13	13.00	12.00
3DH5	0	2402	12.19	11.66	13.00	12.00
	39	2441	11.84	11.47	13.00	12.00
	78	2480	11.83	11.19	13.00	12.00
LE_1Mbps	0	2402	5.85	5.02	6.00	6.00
	19	2440	5.48	4.88	6.00	6.00
	39	2480	4.53	4.92	6.00	6.00
LE_2Mbps	0	2402	5.89	5.09	6.00	6.00
	19	2440	5.53	5.02	6.00	6.00
	39	2480	4.56	4.90	6.00	6.00

Bluetooth DSI 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)		Tune up	
			Ant 1	Ant 2	Ant 1	Ant 2
DH5	0	2402	Not required	11.63	15.00	12.00
	39	2441		11.73	15.00	12.00
	78	2480		11.61	15.00	12.00
2DH5	0	2402		Not required	13.00	12.00
	39	2441			13.00	12.00
	78	2480			13.00	12.00
3DH5	0	2402			13.00	12.00
	39	2441			13.00	12.00
	78	2480			13.00	12.00
LE_1Mbps	0	2402			6.00	6.00
	19	2440			6.00	6.00
	39	2480			6.00	6.00
LE_2Mbps	0	2402			6.00	6.00
	19	2440			6.00	6.00
	39	2480			6.00	6.00

Ant 1+2 DSI 0								
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	Tune-Up Limit	
				Ant 1	Ant 2		SISO	MIMO
	802.11a 6Mbps	36	5180	13.40	15.23	N/A	16.00	N/A
		40	5200	13.53	15.53		16.00	
		48	5240	13.52	15.71		16.00	
	802.11n-HT20 MCS0	36	5180	13.32	14.92	17.20	16.00	18.00
		40	5200	13.38	15.48	17.57	16.00	18.00
		48	5240	12.94	15.41	17.36	16.00	18.00
	802.11n-HT40 MCS0	38	5190	13.54	14.69	17.16	16.00	18.00
		46	5230	13.43	15.18	17.40	16.00	18.00
	802.11ac-VHT20 MCS0	36	5180	13.78	14.87	17.37	16.00	18.00
		40	5200	13.52	14.93	17.29	16.00	18.00
		48	5240	12.79	15.17	17.15	16.00	18.00
	802.11ac-VHT40 MCS0	38	5190	13.73	14.58	17.19	16.00	18.00
		46	5230	13.39	14.88	17.21	16.00	18.00
	802.11ac-VHT80 MCS0	42	5210	11.63	11.98	14.82	16.00	16.50
	802.11ac-VHT160 MCS0	50	5250	11.60	11.72	14.67	16.00	16.50
	802.11ax-HE20 MCS0	36	5180	13.71	14.38	17.07	16.00	18.00
		40	5200	13.34	14.40	16.91	16.00	18.00
		48	5240	12.86	15.16	17.17	16.00	18.00
	802.11ax-HE40 MCS0	38	5190	13.85	13.42	16.65	16.00	18.00
		46	5230	12.54	14.16	16.44	16.00	18.00
	802.11ax-HE80 MCS0	42	5210	12.39	11.71	15.07	16.00	16.50
	802.11ax-HE160 MCS0	50	5250	11.61	11.74	14.69	16.00	16.50
	802.11be-EHT20 MCS0	36	5180	13.65	14.54	17.13	16.00	18.00
		40	5200	13.30	14.61	17.01	16.00	18.00
		48	5240	12.54	15.05	16.98	16.00	18.00
	802.11be-EHT40 MCS0	38	5190	13.83	13.78	16.82	16.00	18.00
		46	5230	12.86	13.89	16.42	16.00	18.00
	802.11be-EHT80 MCS0	42	5210	11.99	12.02	15.02	16.00	16.50
	802.11be-EHT160 MCS0	50	5250	11.50	12.05	14.79	16.00	16.50

Ant 1+2 DSI 1							
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	
				Ant 1	Ant 2		MIMO
	802.11a 6Mbps	36	5180	Not required	Not required	Not required	N/A

		40	5200				
		48	5240				
		36	5180				15.00
	802.11n-HT20 MCS0	40	5200				15.00
		48	5240				15.00
		38	5190	13.54	6.71	14.36	15.00
	802.11n-HT40 MCS0	46	5230	13.43	7.33	14.38	15.00
		36	5180	Not required	Not required	Not required	15.00
	802.11ac-VHT20 MCS0	40	5200				15.00
		48	5240				15.00
	802.11ac-VHT40 MCS0	38	5190				15.00
		46	5230				15.00
	802.11ac-VHT80 MCS0	42	5210				14.50
	802.11ac-VHT160 MCS0	50	5250				14.50
	802.11ax-HE20 MCS0	36	5180				15.00
		40	5200				15.00
		48	5240				15.00
	802.11ax-HE40 MCS0	38	5190				15.00
		46	5230				15.00
	802.11ax-HE80 MCS0	42	5210				14.50
	802.11ax-HE160 MCS0	50	5250				14.50
	802.11be-EHT20 MCS0	36	5180				15.00
		40	5200				15.00
		48	5240				15.00
	802.11be-EHT40 MCS0	38	5190				15.00
		46	5230				15.00
	802.11be-EHT80 MCS0	42	5210				14.50
	802.11be-EHT160 MCS0	50	5250				14.50

Ant 1+2 DSI 0								
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	Tune-Up Limit	
				Ant 1	Ant 2		SISO	MIMO
	802.11a 6Mbps	52	5260	13.40	15.56	N/A	16.00	N/A
		56	5280	13.71	15.85		16.00	
		64	5320	13.59	15.49		16.00	
	802.11n-HT20 MCS0	52	5260	13.52	15.44	17.60	16.00	18.00
		56	5280	13.56	15.80	17.83	16.00	18.00
		64	5320	13.02	15.85	17.67	16.00	18.00
		54	5270	13.41	15.36	17.50	16.00	18.00

	802.11n-HT40 MCS0	62	5310	13.52	15.33	17.53	16.00	18.00
	802.11ac-VHT20 MCS0	52	5260	12.48	15.77	17.44	16.00	18.00
		56	5280	13.16	15.61	17.57	16.00	18.00
		64	5320	13.88	15.77	17.94	16.00	18.00
	802.11ac-VHT40 MCS0	54	5270	12.77	15.60	17.42	16.00	18.00
		62	5310	12.75	15.98	17.67	16.00	18.00
	802.11ac-VHT80 MCS0	58	5290	12.11	12.67	15.41	16.00	17.50
	802.11ax-HE20 MCS0	52	5260	12.48	15.10	16.99	16.00	18.00
		56	5280	12.50	15.72	17.41	16.00	18.00
		64	5320	12.88	15.73	17.55	16.00	18.00
	802.11ax-HE40 MCS0	54	5270	12.55	14.50	16.64	16.00	18.00
		62	5310	12.59	14.94	16.93	16.00	18.00
	802.11ax-HE80 MCS0	58	5290	11.70	12.67	15.22	16.00	17.50
	802.11be-EHT20 MCS0	52	5260	12.44	15.43	17.20	16.00	18.00
		56	5280	12.37	15.43	17.17	16.00	18.00
		64	5320	12.77	15.79	17.55	16.00	18.00
	802.11be-EHT40 MCS0	54	5270	12.53	14.71	16.77	16.00	18.00
		62	5310	12.33	14.59	16.62	16.00	18.00
	802.11be-EHT80 MCS0	58	5290	11.50	12.80	15.21	16.00	17.50

Ant 1+2 DSI 1							
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	
				Ant 1	Ant 2		MIMO
	802.11a 6Mbps	52	5260	Not required	Not required	Not required	N/A
		56	5280				
		64	5320				
	802.11n-HT20 MCS0	52	5260				15.00
		56	5280				15.00
		64	5320				15.00
	802.11n-HT40 MCS0	54	5270	13.41	7.01	14.31	15.00
		62	5310	13.52	7.23	14.44	15.00
	802.11ac-VHT20 MCS0	52	5260	Not required	Not required	Not required	15.00
		56	5280				15.00
		64	5320				15.00
	802.11ac-VHT40 MCS0	54	5270				15.00
		62	5310				15.00
	802.11ac-VHT80 MCS0	58	5290				14.50
	802.11ax-HE20 MCS0	52	5260				15.00
		56	5280				15.00

		64	5320				15.00
	802.11ax-HE40 MCS0	54	5270				15.00
		62	5310				15.00
	802.11ax-HE80 MCS0	58	5290				14.50
	802.11be-EHT20 MCS0	52	5260				15.00
		56	5280				15.00
		64	5320				15.00
	802.11be-EHT40 MCS0	54	5270				15.00
		62	5310				15.00
	802.11be-EHT80 MCS0	58	5290				14.50

Ant 1+2 DSI 0								
	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	Tune-Up Limit	
				Ant 1	Ant 2		SISO	MIMO
5.6GHz WLAN	802.11a 6Mbps	100	5500	13.79	14.08	N/A	15.50	N/A
		116	5580	13.82	14.11		15.50	
		140	5700	13.98	14.23		15.50	
	802.11n-HT20 MCS0	100	5500	13.76	13.78	16.78	15.50	17.00
		116	5580	13.56	13.92	16.75	15.50	17.00
		140	5700	13.12	13.35	16.25	15.50	17.00
	802.11n-HT40 MCS0	102	5510	13.03	13.36	16.21	15.50	17.00
		110	5550	13.11	13.40	16.27	15.50	17.00
		134	5670	13.45	13.79	16.63	15.50	17.00
	802.11ac-VHT20 MCS0	100	5500	13.29	13.58	16.45	15.50	17.00
		116	5580	13.45	13.73	16.60	15.50	17.00
		140	5700	13.61	13.99	16.81	15.50	17.00
	802.11ac-VHT40 MCS0	102	5510	13.18	13.47	16.34	15.50	17.00
		110	5550	13.29	13.54	16.43	15.50	17.00
		134	5670	13.31	13.64	16.49	15.50	17.00
	802.11ac-VHT80 MCS0	106	5530	12.46	13.65	16.11	15.50	16.50
		122	5610	12.23	13.39	15.86	15.50	16.50
	802.11ac-VHT160 MCS0	114	5570	11.81	12.19	15.01	13.00	16.00
	802.11ax-HE20 MCS0	100	5500	13.22	13.49	16.37	15.50	17.00
		116	5580	13.39	13.67	16.54	15.50	17.00
		140	5700	13.45	13.80	16.64	15.50	17.00
	802.11ax-HE40 MCS0	102	5510	13.51	13.78	16.66	15.50	17.00
		110	5550	13.19	13.46	16.34	15.50	17.00
		134	5670	13.11	13.42	16.28	15.50	17.00
		106	5530	11.96	12.19	15.09	15.50	16.50

	802.11ax-HE80 MCS0	122	5610	12.05	12.33	15.20	15.50	16.50
	802.11ax-HE160 MCS0	114	5570	11.66	12.02	14.85	13.00	16.00
	802.11be-EHT20 MCS0	100	5500	13.29	13.64	16.48	15.50	17.00
		116	5580	13.26	13.51	16.40	15.50	17.00
		140	5700	13.37	13.62	16.51	15.50	17.00
	802.11be-EHT40 MCS0	102	5510	13.28	13.58	16.44	15.50	17.00
		110	5550	13.29	13.63	16.47	15.50	17.00
		134	5670	13.11	13.36	16.25	15.50	17.00
	802.11be-EHT80 MCS0	106	5530	11.90	12.21	15.07	15.50	16.50
		122	5610	11.80	12.24	15.04	15.50	16.50
	802.11be-EHT160 MCS0	114	5570	11.67	12.13	14.92	13.00	16.00

Ant 1+2 DSI 1							
	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	
				Ant 1	Ant 2		MIMO
5.6GHz WLAN	802.11a 6Mbps	100	5500	Not required	Not required	Not required	N/A
		116	5580				
		140	5700				
	802.11n-HT20 MCS0	100	5500				14.00
		116	5580				14.00
		140	5700				14.00
	802.11n-HT40 MCS0	102	5510	13.03	3.01	13.44	14.00
		110	5550	13.11	2.91	13.51	14.00
		134	5670	13.45	2.89	13.82	14.00
	802.11ac-VHT20 MCS0	100	5500	Not required	Not required	Not required	14.00
		116	5580				14.00
		140	5700				14.00
	802.11ac-VHT40 MCS0	102	5510				14.00
		110	5550				14.00
		134	5670				14.00
	802.11ac-VHT80 MCS0	106	5530				13.50
		122	5610				13.50
	802.11ac-VHT160 MCS0	114	5570				13.50
	802.11ax-HE20 MCS0	100	5500				14.00
		116	5580				14.00
		140	5700				14.00
	802.11ax-HE40 MCS0	102	5510				14.00
		110	5550				14.00
		134	5670				14.00

	802.11ax-HE80 MCS0	106	5530				13.50
		122	5610				13.50
	802.11ax-HE160 MCS0	114	5570				13.50
	802.11be-EHT20 MCS0	100	5500				14.00
		116	5580				14.00
		140	5700				14.00
	802.11be-EHT40 MCS0	102	5510				14.00
		110	5550				14.00
		134	5670				14.00
	802.11be-EHT80 MCS0	106	5530				13.50
		122	5610				13.50
	802.11be-EHT160 MCS0	114	5570				13.50

Ant 1+2 DSI 0								
	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	Tune-Up Limit	
				Ant 1	Ant 2		SISO	MIMO
5.8GHz WLAN	802.11a 6Mbps	149	5745	13.12	14.81	N/A	16.50	N/A
		157	5785	13.01	15.01		16.50	
		165	5825	12.98	14.98		16.50	
	802.11n-HT20 MCS0	149	5745	12.56	14.87	16.88	16.00	17.50
		157	5785	12.82	14.90	16.99	16.00	17.50
		165	5825	12.83	15.15	17.15	16.00	17.50
	802.11n-HT40 MCS0	151	5755	12.91	15.15	17.18	16.00	17.50
		159	5795	12.85	14.64	16.85	16.00	17.50
	802.11ac-VHT20 MCS0	149	5745	12.87	15.21	17.21	16.00	17.50
		157	5785	12.81	14.86	16.97	16.00	17.50
		165	5825	12.68	15.21	17.14	16.00	17.50
	802.11ac-VHT40 MCS0	151	5755	12.53	14.95	16.92	16.00	17.50
		159	5795	12.66	14.95	16.96	16.00	17.50
	802.11ac-VHT80 MCS0	155	5775	12.56	15.12	17.04	16.00	17.50
	802.11ax-HE20 MCS0	149	5745	12.53	14.73	16.78	16.00	17.50
		157	5785	15.62	14.54	18.12	16.00	17.50
		165	5825	12.89	14.97	17.06	16.00	17.50
	802.11ax-HE40 MCS0	151	5755	12.54	13.99	16.34	15.00	17.00
		159	5795	12.62	14.19	16.49	15.00	17.00
	802.11ax-HE80 MCS0	155	5775	12.46	14.09	16.36	15.00	17.00
	802.11be-EHT20 MCS0	149	5745	12.67	14.60	16.75	16.00	17.50
		157	5785	12.49	14.85	16.84	16.00	17.50

		165	5825	12.82	14.95	17.02	16.00	17.50
	802.11be-EHT40 MCS0	151	5755	12.42	13.81	16.18	15.00	17.00
		159	5795	12.53	13.93	16.30	15.00	17.00
	802.11be-EHT80 MCS0	155	5775	12.47	14.25	16.46	15.00	17.00

Ant 1+2 DSI 1							
	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	
				Ant 1	Ant 2		MIMO
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	Not required	Not required	N/A
		157	5785				
		165	5825				
	802.11n-HT20 MCS0	149	5745				13.50
		157	5785				13.50
		165	5825				13.50
	802.11n-HT40 MCS0	151	5755				13.50
		159	5795				13.50
	802.11ac-VHT20 MCS0	149	5745				13.50
		157	5785				13.50
		165	5825				13.50
	802.11ac-VHT40 MCS0	151	5755				13.50
		159	5795				13.50
	802.11ac-VHT80 MCS0	155	5775	12.34	5.01	13.08	13.50
	802.11ax-HE20 MCS0	149	5745	Not required	Not required	Not required	13.50
		157	5785				13.50
		165	5825				13.50
	802.11ax-HE40 MCS0	151	5755				13.50
		159	5795				13.50
	802.11ax-HE80 MCS0	155	5775				13.50
	802.11be-EHT20 MCS0	149	5745				13.50
		157	5785				13.50
		165	5825				13.50
	802.11be-EHT40 MCS0	151	5755				13.50
		159	5795				13.50
	802.11be-EHT80 MCS0	155	5775				13.50

Ant 1+2 DSI 0						
WiFi 6E	Mode	Channel	Frequency (MHz)	Average power (dBm)	Total Power	Tune-Up Limit

				Ant 1	Ant 2		SISO	MIMO
	802.11a-6Mbps	1	5955	14.57	14.39	17.49	15.00	N/A
		45	6175	14.12	14.53	17.34	15.00	
		93	6415	13.95	13.22	16.61	15.00	
		97	6435	6.97	6.14	9.59	9.00	
		105	6475	7.12	6.68	9.92	9.00	
		113	6515	7.33	6.56	9.97	9.00	
		117	6535	14.98	13.77	17.43	15.00	
		149	6695	14.42	14.71	17.58	15.00	
		181	6855	13.81	14.32	17.08	15.00	
		185	6875	7.52	7.67	10.61	9.00	
		189	6895	6.71	7.92	10.37	9.00	
		209	6995	7.20	7.38	10.30	9.00	
		233	7115	2.38	1.76	5.09	3.00	
	802.11ax-HE20 MCS0	1	5955	14.69	14.41	17.56	15.00	18.00
		45	6175	14.18	14.43	17.32	15.00	18.00
		93	6415	14.03	13.41	16.74	15.00	18.00
		97	6435	7.01	6.36	9.71	8.00	11.00
		105	6475	7.18	6.65	9.93	8.00	11.00
		113	6515	7.37	6.35	9.90	8.00	11.00
		117	6535	14.77	14.72	17.76	15.00	18.00
		149	6695	14.53	14.77	17.66	15.00	18.00
		181	6855	13.69	14.32	17.03	15.00	18.00
		185	6875	7.28	7.33	10.32	9.00	12.00
		189	6895	7.85	7.87	10.87	9.00	12.00
		209	6995	7.41	7.28	10.36	9.00	12.00
		233	7115	2.27	1.79	5.05	3.00	7.00
	802.11ax-HE40 MCS0	3	5965	14.78	14.76	17.78	15.00	18.00
		43	6165	14.07	14.51	17.31	15.00	18.00
		91	6405	13.78	13.45	16.63	15.00	18.00
		99	6445	10.32	9.83	13.09	12.00	15.00
		107	6485	10.12	9.94	13.04	12.00	15.00
		115	6525	10.66	10.26	13.47	12.00	15.00
		123	6565	14.92	14.28	17.62	15.00	18.00
		147	6685	14.20	14.72	17.48	15.00	18.00
		179	6845	14.41	14.73	17.58	15.00	18.00
		187	6885	9.59	9.54	12.58	12.00	15.00
		195	6925	10.87	11.31	14.11	12.00	15.00
		203	6965	10.69	10.65	13.68	12.00	15.00
		227	7085	11.82	11.73	14.79	12.00	15.00
		7	5985	14.40	14.49	17.46	15.00	18.00

	802.11ax-HE80 MCS0	39	6145	14.59	14.81	17.71	15.00	18.00
		87	6385	13.46	13.44	16.46	15.00	18.00
		103	6465	13.04	13.07	16.07	15.00	18.00
		119	6545	14.42	13.95	17.20	15.00	18.00
		135	6625	14.35	14.49	17.43	15.00	18.00
		151	6705	14.47	14.83	17.66	15.00	18.00
		167	6785	14.52	14.55	17.55	15.00	18.00
		183	6865	14.58	14.45	17.53	15.00	18.00
		199	6945	13.66	13.40	16.54	15.00	18.00
		215	7025	13.54	13.61	16.59	15.00	18.00
	802.11ax-HE160 MCS0	15	6025	13.14	13.18	16.17	14.00	17.00
		47	6185	12.50	13.03	15.78	14.00	17.00
		79	6345	12.12	12.74	15.45	14.00	17.00
		111	6505	13.71	13.31	16.52	14.00	17.00
		143	6665	12.98	13.07	16.04	14.00	17.00
		175	6825	12.98	13.58	16.30	14.00	17.00
		207	6985	11.51	11.57	14.55	14.00	17.00
	802.11be-EHT20 MCS0	1	5955	14.70	14.49	17.61	15.00	18.00
		45	6175	14.36	14.43	17.41	15.00	18.00
		93	6415	13.94	13.43	16.70	15.00	18.00
		97	6435	6.93	6.21	9.60	8.00	11.00
		105	6475	6.96	6.60	9.79	8.00	11.00
		113	6515	7.20	6.57	9.91	8.00	11.00
		117	6535	14.84	14.75	17.81	15.00	18.00
		149	6695	14.45	14.87	17.68	15.00	18.00
		181	6855	14.71	14.52	17.63	15.00	18.00
		185	6875	7.35	7.42	10.40	9.00	12.00
		189	6895	7.84	7.73	10.80	9.00	12.00
		209	6995	7.42	7.38	10.41	9.00	12.00
		233	7115	2.46	2.83	5.66	3.00	7.00
	802.11be-EHT40 MCS0	3	5965	14.69	14.66	17.69	15.00	18.00
		43	6165	14.26	14.38	17.33	15.00	18.00
		91	6405	13.99	13.49	16.76	15.00	18.00
		99	6445	10.44	10.49	13.48	12.00	15.00
		107	6485	10.06	9.77	12.93	12.00	15.00
		115	6525	10.88	10.32	13.62	12.00	15.00
		123	6565	14.66	14.41	17.55	15.00	18.00
		147	6685	14.14	14.61	17.39	15.00	18.00
		179	6845	14.65	14.98	17.83	15.00	18.00
		187	6885	9.32	9.36	12.35	12.00	15.00
		195	6925	10.93	11.31	14.13	12.00	15.00

		203	6965	10.75	10.97	13.87	12.00	15.00
		227	7085	11.71	11.68	14.71	15.00	18.00
	802.11be-EHT80 MCS0	7	5985	13.98	14.43	17.22	15.00	18.00
		39	6145	14.10	14.71	17.43	15.00	18.00
		87	6385	13.87	13.33	16.62	15.00	18.00
		103	6465	13.07	13.09	16.09	15.00	18.00
		119	6545	14.68	13.95	17.34	15.00	18.00
		135	6625	14.32	14.56	17.45	15.00	18.00
		151	6705	14.64	14.90	17.78	15.00	18.00
		167	6785	13.83	14.34	17.10	15.00	18.00
		183	6865	14.51	14.55	17.54	15.00	18.00
		199	6945	13.17	13.23	16.21	15.00	18.00
		215	7025	13.06	13.41	16.25	15.00	18.00
	802.1be-EHT160 MCS0	15	6025	13.07	13.01	16.05	14.00	17.00
		47	6185	13.38	13.16	16.28	14.00	17.00
		79	6345	12.95	12.62	15.80	14.00	17.00
		111	6505	13.58	13.04	16.33	14.00	17.00
		143	6665	12.98	13.24	16.12	14.00	17.00
		175	6825	13.05	13.53	16.31	14.00	17.00
		207	6985	12.18	12.80	15.51	14.00	17.00
	802.11be-EHT320 MCS0	31	6105	11.11	11.24	14.19	12.00	15.00
		63	6265	10.30	10.90	13.62	12.00	15.00
		127	6585	11.78	11.68	14.74	12.00	15.00
		159	6745	11.61	11.41	14.52	12.00	15.00
		191	6905	11.84	11.77	14.82	12.00	15.00

Ant 1+2 DSI 1							
	Mode	Channel	Frequency (MHz)	Average power (dBm)		Total Power	
				Ant 1	Ant 2		MIMO
	WiFi 6E	1	5955	Not required	Not required	Not required	N/A
		45	6175				
		93	6415				
		97	6435				
		105	6475				
		113	6515				
		117	6535				
		149	6695				
		181	6855				
		185	6875				

		189	6895				
		209	6995				
		233	7115				
	802.11ax-HE20 MCS0	1	5955				15.00
		45	6175				15.00
		93	6415				15.00
		97	6435				11.00
		105	6475				11.00
		113	6515				11.00
		117	6535				15.00
		149	6695				15.00
		181	6855				15.00
		185	6875				12.00
		189	6895				12.00
		209	6995				12.00
		233	7115				7.00
	802.11ax-HE40 MCS0	3	5965				15.00
		43	6165				15.00
		91	6405				15.00
		99	6445				15.00
		107	6485				15.00
		115	6525				15.00
		123	6565				15.00
		147	6685				15.00
		179	6845				15.00
		187	6885				15.00
		195	6925				15.00
		203	6965				15.00
		227	7085				15.00
	802.11ax-HE80 MCS0	7	5985	14.40	4.66	14.84	15.50
		39	6145	14.59	4.33	14.98	15.50
		87	6385	13.46	3.82	13.91	14.50
		103	6465	13.04	3.61	13.51	14.00
		119	6545	14.42	4.51	14.84	15.50
		135	6625	14.35	4.23	14.75	15.50
		151	6705	14.47	4.23	14.86	15.50
		167	6785	14.52	4.43	14.93	15.50
		183	6865	14.58	4.12	14.95	15.50
		199	6945	13.66	3.78	14.08	14.50
		215	7025	13.54	3.12	13.92	14.50
		15	6025	Not required	Not required	Not required	15.00

	802.11ax-HE160 MCS0	47	6185				15.00
		79	6345				15.00
		111	6505				15.00
		143	6665				15.00
		175	6825				15.00
		207	6985				15.00
	802.11be-EHT20 MCS0	1	5955				15.00
		45	6175				15.00
		93	6415				15.00
		97	6435				11.00
		105	6475				11.00
		113	6515				11.00
		117	6535				15.00
		149	6695				15.00
		181	6855				15.00
		185	6875				12.00
		189	6895				12.00
		209	6995				12.00
		233	7115				7.00
	802.11be-EHT40 MCS0	3	5965				15.00
		43	6165				15.00
		91	6405				15.00
		99	6445				15.00
		107	6485				15.00
		115	6525				15.00
		123	6565				15.00
		147	6685				15.00
		179	6845				15.00
		187	6885				15.00
		195	6925				15.00
		203	6965				15.00
		227	7085				15.00
	802.11be-EHT80 MCS0	7	5985				15.00
		39	6145				15.00
		87	6385				15.00
		103	6465				15.00
		119	6545				15.00
		135	6625				15.00
		151	6705				15.00
		167	6785				15.00
		183	6865				15.00

		199	6945				15.00
		215	7025				15.00
	802.1be-EHT160 MCS0	15	6025				15.00
		47	6185				15.00
		79	6345				15.00
		111	6505				15.00
		143	6665				15.00
		175	6825				15.00
		207	6985				15.00
	802.11be-EHT320 MCS0	31	6105				15.00
		63	6265				15.00
		127	6585				15.00
		159	6745				15.00
		191	6905				15.00

7.2 Measurement of SAR and Power Density Test Results

7.2.1. Measurement of SAR Test Data

Bluetooth SAR Test Record									
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR 1-g(W/kg)
Body SAR Test data (Separate 0mm) Ant 2									
Back side	DH5	39/2441	1:1.075	0.033	0.03	15.38	16.00	1.153	0.038
Left side	DH5	39/2441	1:1.075	0.112	0.01	15.38	16.00	1.153	0.129
Right side	DH5	39/2441	1:1.075	0.032	0.02	15.38	16.00	1.153	0.037
Top side	DH5	39/2441	1:1.075	0.139	-0.02	15.38	16.00	1.153	0.160
Bottom side	DH5	39/2441	1:1.075	0.030	0.11	15.38	16.00	1.153	0.035
Body SAR Test data (Separate 0mm) Ant 0									
Back side	DH5	39/2441	1:1.075	0.423	0.06	11.73	12.00	1.064	0.450
Left side	DH5	39/2441	1:1.075	0.012	0.01	15.31	16.00	1.172	0.014
Right side	DH5	39/2441	1:1.075	0.034	0.03	15.31	16.00	1.172	0.040
Top side	DH5	39/2441	1:1.075	0.056	0.02	15.31	16.00	1.172	0.066
Bottom side	DH5	39/2441	1:1.075	0.031	0.06	15.31	16.00	1.172	0.036
Body SAR Test data (Separate 10mm) Ant 0									
Back side	DH5	39/2441	1:1.075	0.123	-0.03	15.31	16.00	1.172	0.144

WLAN SAR Test Record									
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR 1-g(W/kg)
Body SAR Test data (Separate 0mm) Ant 2+0									
Back side	802.11n(20)	6/2437	1:1	0.865	-0.03	20.26	20.50	1.058	0.915
Back side	802.11n(20)	1/2412	1:1	0.639	0.04	20.26	20.50	1.058	0.676
Back side	802.11n(20)	11/2462	1:1	0.607	0.01	20.26	20.50	1.058	0.642
Left side	802.11n(20)	6/2437	1:1	0.269	0.09	21.32	22.00	1.170	0.315
Right side	802.11n(20)	6/2437	1:1	0.049	0.18	21.32	22.00	1.170	0.057
Top side	802.11n(20)	6/2437	1:1	0.298	0.04	21.32	22.00	1.170	0.349
Bottom side	802.11n(20)	6/2437	1:1	0.042	0.02	21.32	22.00	1.170	0.049
Body SAR Test data (Separate 10mm) Ant 2+0									
Back side	802.11n(20)	6/2437	1:1	0.545	-0.03	21.32	22.00	1.170	0.638

WLAN SAR Test Record									
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR 1-g(W/kg)
Body SAR Test data (Separate 0mm) Ant 1+0									
Back side	802.11n(40)	62/5310	1:1	0.813	-0.06	14.44	15.00	1.138	0.925
Back side	802.11n(40)	54/5270	1:1	0.747	0.01	14.31	15.00	1.172	0.876
Left side	802.11n(40)	62/5310	1:1	0.172	0.02	17.53	18.00	1.114	0.192
Right side	802.11n(40)	62/5310	1:1	0.851	0.03	17.53	18.00	1.114	0.948
Right side	802.11n(40)	54/5270	1:1	0.791	0.01	17.50	18.00	1.122	0.888
Top side	802.11n(40)	62/5310	1:1	0.101	-0.02	17.53	18.00	1.114	0.113
Bottom side	802.11n(40)	62/5310	1:1	0.125	0.13	17.53	18.00	1.114	0.139
Body SAR Test data (Separate 10mm) Ant 1+0									
Back side	802.11n(40)	62/5310	1:1	0.778	-0.05	17.53	18.00	1.114	0.867

WLAN SAR Test Record									
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR 1-g(W/kg)
Body SAR Test data (Separate 0mm) Ant 1+0									
Back side	802.11n(40)	134/5670	1:1	0.979	0.03	13.82	14.00	1.043	1.021
Back side	802.11n(40)	102/5510	1:1	0.731	-0.01	13.44	14.00	1.137	0.831
Back side	802.11n(40)	110/5550	1:1	0.742	0.06	13.51	14.00	1.120	0.831
Left side	802.11n(40)	134/5670	1:1	0.073	0.02	16.63	17.00	1.088	0.079
Right side	802.11n(40)	134/5670	1:1	0.841	0.13	16.63	17.00	1.088	0.915
Right side	802.11n(40)	102/5510	1:1	0.703	0.05	16.21	17.00	1.200	0.844
Right side	802.11n(40)	110/5550	1:1	0.694	0.03	16.27	17.00	1.184	0.821
Top side	802.11n(40)	134/5670	1:1	0.113	0.03	16.63	17.00	1.088	0.123
Bottom side	802.11n(40)	134/5670	1:1	0.089	0.02	16.63	17.00	1.088	0.097
Body SAR Test data (Separate 10mm) Ant 1+0									
Back side	802.11n(40)	134/5670	1:1	0.867	-0.06	16.63	17.00	1.088	0.943
Back side	802.11n(40)	102/5510	1:1	0.744	0.03	16.21	17.00	1.200	0.893
Back side	802.11n(40)	110/5550	1:1	0.791	0.01	16.27	17.00	1.184	0.936

WLAN SAR Test Record									
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR 1-g(W/kg)
Body SAR Test data (Separate 0mm) Ant 1+0									
Back side	802.11ac(80)	155/5775	1:1	0.893	-0.03	13.08	13.50	1.102	0.984
Left side	802.11ac(80)	155/5775	1:1	0.088	0.01	17.04	17.50	1.113	0.098
Right side	802.11ac(80)	155/5775	1:1	0.833	0.08	17.04	17.50	1.113	0.927
Top side	802.11ac(80)	155/5775	1:1	0.087	0.02	17.04	17.50	1.113	0.097
Bottom side	802.11ac(80)	155/5775	1:1	0.084	-0.04	17.04	17.50	1.113	0.093
Body SAR Test data (Separate 10mm) Ant 1+0									
Back side	802.11ac(80)	155/5775	1:1	0.854	-0.01	17.04	17.50	1.113	0.950

WLAN SAR Test Record									
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Scaled SAR 1-g(W/kg)
Body SAR Test data (Separate 0mm) Ant 1+0									
Back side	802.11ax(80)	7/5985	1:1	0.935	-0.03	14.84	15.50	1.164	1.088
Back side	802.11ax(80)	39/6145	1:1	0.891	0.12	14.98	15.50	1.127	1.004
Back side	802.11ax(80)	87/6385	1:1	0.731	0.04	13.91	14.50	1.146	0.838
Back side	802.11ax(80)	103/6465	1:1	0.862	0.05	13.51	14.00	1.120	0.965
Back side	802.11ax(80)	119/6545	1:1	0.853	0.01	14.84	15.50	1.164	0.992
Back side	802.11ax(80)	135/6625	1:1	0.823	0.12	14.75	15.50	1.188	0.977
Back side	802.11ax(80)	151/6705	1:1	0.811	0.09	14.86	15.50	1.158	0.939
Back side	802.11ax(80)	167/6785	1:1	0.908	-0.03	14.93	15.50	1.141	1.036
Back side	802.11ax(80)	183/6865	1:1	0.923	0.01	14.95	15.50	1.134	1.047
Back side	802.11ax(80)	199/6945	1:1	0.893	0.04	14.08	14.50	1.100	0.983
Back side	802.11ax(80)	215/7025	1:1	0.911	0.11	13.92	14.50	1.144	1.042
Left side	802.11ax(80)	39/6145	1:1	0.053	-0.11	17.71	18.00	1.069	0.057
Right side	802.11ax(80)	39/6145	1:1	0.723	0.03	17.71	18.00	1.069	0.773
Top side	802.11ax(80)	39/6145	1:1	0.067	-0.01	17.71	18.00	1.069	0.072
Bottom side	802.11ax(80)	39/6145	1:1	0.061	0.02	17.71	18.00	1.069	0.065
Body SAR Test data (Separate 10mm) Ant 1+0									
Back side	802.11ax(80)	39/6145	1:1	0.741	0.04	17.71	18.00	1.069	0.792

SAR Test Note:

1. Per KDB648474 D04y01r03, this device is considered a phablet since the display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm. Therefore, phablet SAR tests are required when wireless mode does not apply or if wireless router 1g SAR > 1.2W/kg.
2. The Wi-Fi duty cycle is 95~100%, Wi-Fi SAR scaling need further consideration and the theoretical duty cycle is 100%, therefore the actual duty cycle will be scaled up to the theoretical value of Wi-Fi reported SAR calculation.
3. The ratio is the difference in percentage between original and repeated measured SAR.
4. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

7.2.2. Measurement of Power Density Test Data

WLAN Power Density Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Total psPD(W/m ²)	Power drift (dB)	Conducted Power (dBm)	Tune up Limit (dBm)	Scaled factor	Grip Step (λ)	Scaling Factor for measurement uncertainty	Scaled Total psPD(W/m ²)
Body SAR Test data (Separate 0mm) Ant 1+0											
Back side	802.11ax(80)	7/5985	1:1	2.210	-0.03	14.84	15.50	1.164	0.0625	1.55	3.988
Back side	802.11ax(80)	39/6145	1:1	2.130	0.01	14.98	15.50	1.127	0.0625	1.55	3.721
Back side	802.11ax(80)	103/6465	1:1	2.820	0.06	13.51	14.00	1.120	0.0625	1.55	4.894
Back side	802.11ax(80)	151/6705	1:1	2.560	0.12	14.86	15.50	1.158	0.0625	1.55	4.595
Back side	802.11ax(80)	215/7025	1:1	2.450	0.04	13.92	14.50	1.144	0.0625	1.55	4.343
Right side	802.11ax(80)	39/6145	1:1	1.540	-0.03	17.71	18.00	1.069	0.0625	1.55	1.646

Power Density Test Note:

1. The test spacing is the distance between probe sensor and DUT surface.
2. $1.0 \text{ W/m}^2 = 0.1 \text{ mW/cm}^2$.
3. Wi-Fi 6E SAR and Power Density measurements were implemented according to the U-NII 6-7 GHz Interim Procedures described in Oct. 2020 TCB workshop.
4. The SAR evaluations using 6-7 GHz parameters were performed per IEC/IEEE 62209-1528, and the Absorbed Power Density (APD) were reported based on SAR measurements.
5. According to DASY Application Note, the APD is evaluated numerically using the FDTD method of Sim4Life V5.2. For comparison with the basic restrictions, the APD is averaged over square surface areas of 1 cm^2 and 4 cm^2 in the lowermost voxel layer of a flat phantom at a frequency of 6.5 GHz.

7.2.3. SAR Measurement Variability

Band	Mode	Test Position	Test ch./Freq.	Antenna	Original 1g SAR (W/kg)	First 1g SAR (W/kg)	First Ratio SAR 1g
WLAN 2.4G	802.11n(20)	Back Side	6/2437	Ant 2+0	0.865	0.845	2.4%
WLAN 5.2&5.3G	802.11n(40)	Right Side	62/5310	Ant 1+0	0.851	0.822	3.5%
WLAN 5.6G	802.11n(40)	Back Side	134/5670	Ant 1+0	0.979	0.967	1.2%
WLAN 5.8G	802.11ac(80)	Back Side	155/5775	Ant 1+0	0.893	0.883	1.1%
WLAN 6.5G	802.11ax(80)	Back Side	7/5985	Ant 1+0	0.935	0.929	1.0%

Note:

According to KDB 865664 D01v01r04, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required:

1. The original highest measured Reported SAR 1-g ≥ 0.80 W/kg repeated that measurement once.
2. Perform a second repeated measurement the ratio of the largest to the smallest SAR for the original and first repeated measurements is <1.2 W/kg, or when the original or repeated measurement ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).

7.3 Multiple Transmitter Evaluation

7.3.1. Simultaneous SAR test evaluation

- Simultaneous Transmission Possibilities**

NO	Simultaneous TX Combination	Hotspot
1	Wi-Fi 5G Ant 1+0 + Bluetooth Ant 2	Y
2	Wi-Fi 5G Ant 1+0 + Bluetooth Ant 0	Y
3	Wi-Fi 6G Ant 1+0 + Bluetooth Ant 2	Y
4	Wi-Fi 6G Ant 1+0 + Bluetooth Ant 0	Y

7.3.2. Simultaneous Transmission SAR Summation Scenario

Simultaneous Transmission SAR Summation Scenario for Worse case WLAN + Bluetooth:

Exposure Position (0mm)	1	2	3	4	5	2+4	2+5	3+4	3+5	Limit 1g SAR (W/kg)	Verdict
	2.4GHz WLAN	5GHz WLAN	6GHz WLAN	Bluetooth	Bluetooth	Summed	Summed	Summed	Summed		
	ANT 2+0	ANT 1+0	ANT 1+0	ANT 2	ANT 0						
	1g SAR	1g SAR	1g SAR	1g SAR	1g SAR						
	(W/kg)	(W/kg)	(W/kg)	(W/kg)	(W/kg)						
Back side	0.915	1.021	1.088	0.038	0.450	1.06	1.47	1.13	1.54	1.6	PASS
Left side	0.315	0.192	0.057	0.129	0.014	0.32	0.21	0.19	0.07		
Right side	0.057	0.948	0.773	0.037	0.040	0.99	0.99	0.81	0.81		
Top side	0.349	0.123	0.072	0.160	0.066	0.28	0.19	0.23	0.14		
Bottom side	0.049	0.139	0.065	0.035	0.036	0.17	0.18	0.10	0.10		

8 SAR AND POWER DENSITY VALIDATION DATA

Date: 7/21/2025

System Check Head 2450MHz

Communication System: UID 0, CW; Communication System Band: D2450; Duty Cycle: 1:1.0; Frequency: 2450 MHz;
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 38.535$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.03, 6.83, 6.91); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 21.2 W/kg

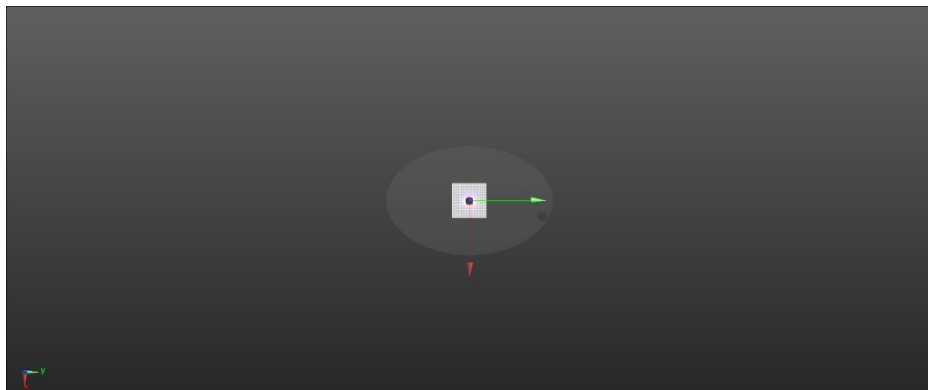
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 88.82 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 25.8 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 6.1 W/kg

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg = 13.28 dBW/kg

Date: 7/22/2025

System Check Head 5250MHz

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5250 MHz; Medium parameters used: $f = 5250$ MHz; $\sigma = 4.6$ S/m; $\epsilon_r = 36.384$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.42, 5.27, 5.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 19.7 W/kg

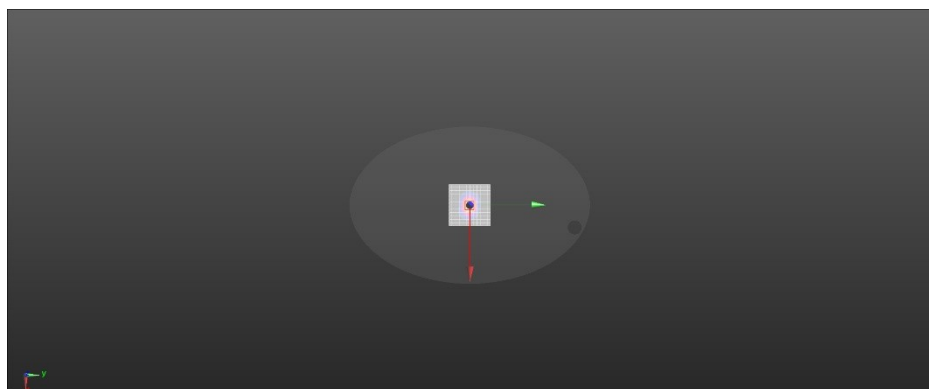
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 43.17 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 33.8 W/kg

SAR(1 g) = 7.96 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 20.3 W/kg



0 dB = 20.3 W/kg = 13.07 dBW/kg

Date: 7/23/2025

System Check Head 5600MHz

Communication System: UID 0, CW (0); Communication System Band: D5GHz; Duty Cycle: 1:1.0; Frequency: 5600 MHz; Medium parameters used: $f = 5600$ MHz; $\sigma = 4.99$ S/m; $\epsilon_r = 35.802$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(4.64, 4.51, 4.56); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 20.9 W/kg

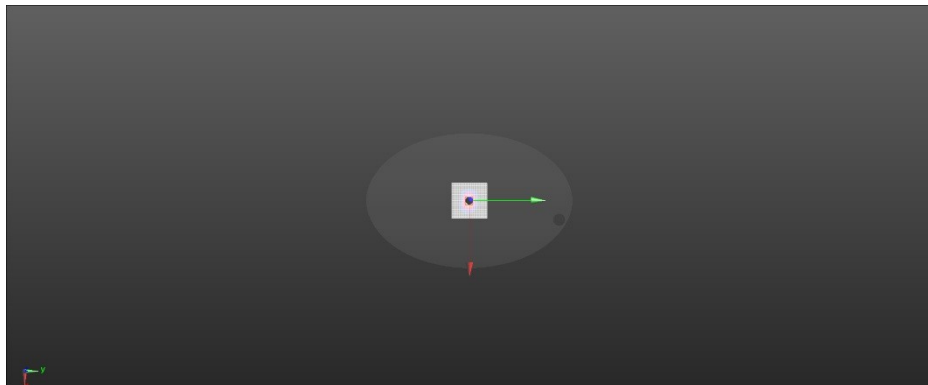
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 41.39 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 37.6 W/kg

SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 21.2 W/kg



0 dB = 21.2 W/kg = 13.26 dBW/kg

Date: 7/24/2025

System Check Head 5750MHz

Communication System: UID 0, CW (0); Communication System Band: D5GHz; Duty Cycle: 1:1.0; Frequency: 5750 MHz; Medium parameters used: $f = 5750$ MHz; $\sigma = 5.167$ S/m; $\epsilon_r = 35.552$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.05, 4.91, 4.97); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 19.6 W/kg

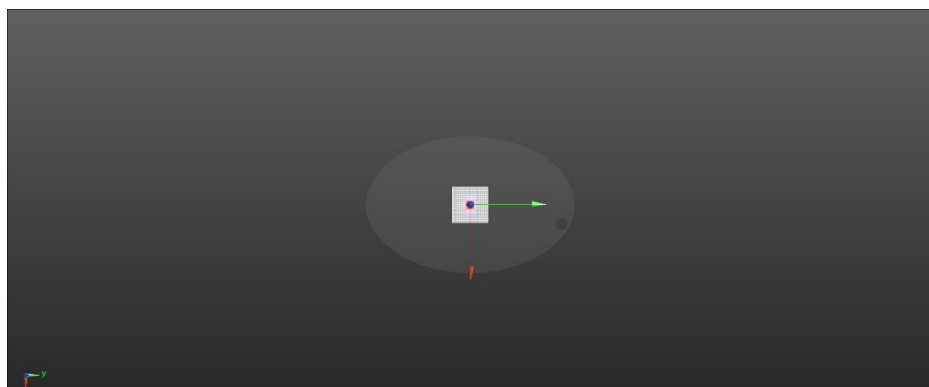
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 38.40 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



0 dB = 20.0 W/kg = 13.01 dBW/kg

Measurement Report for Device, CW, Channel 0 (6500MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW	6500	5.22	6.09	34.3

Hardware Setup

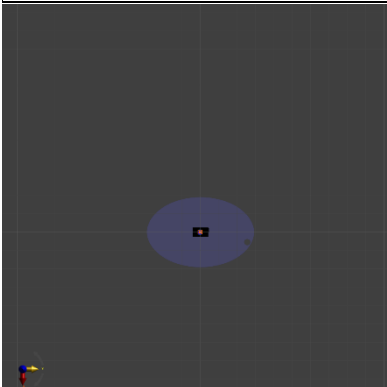
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt)	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-25	2025-07-25
psSAR1g [W/Kg]	22.1	24.3
psSAR10g [W/Kg]	4.85	5.40
Power Drift [dB]	-0.01	0.09



Measurement Report for Device, EDGE TOP, Validation band, CW, Channel 10000 (10000MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE TOP, 10.00	10000, 10000	1.0

Hardware Setup

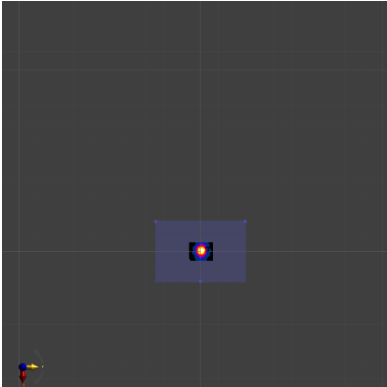
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air	EUmmWV4 - SN9681_F1-55GHz, 2024-09-16	DAE4 Sn1220, 2025-03-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Date	2025-07-26
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	54.8
psPDtot+ [W/m²]	55.4
psPDmod+ [W/m²]	55.9
Power Drift [dB]	0.02



9 SAR AND POWER DENSITY TEST DATA

Date: 7/21/2025

Bluetooth_DH5-Top-Ant 2-CH39-2441MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: BDR+EDR; Duty Cycle: 1:1.075;
Frequency: 2441 MHz; Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.848 \text{ S/m}$; $\epsilon_r = 38.575$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.03, 6.83, 6.91); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x51x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.232 W/kg

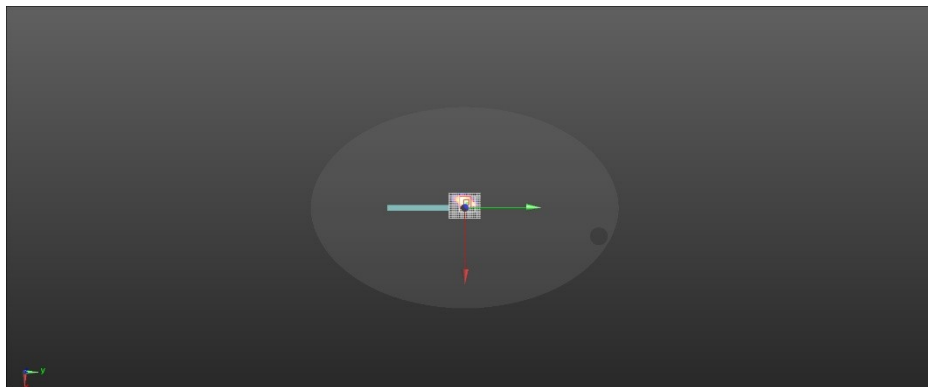
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.815 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.139 W/kg ; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

Date: 7/21/2025

Bluetooth_DH5-Back-Ant0-CH39-2441MHz

Communication System: UID 0, Bluetooth (0); Communication System Band: BDR+EDR; Duty Cycle: 1:1.075;
Frequency: 2441 MHz; Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 38.575$; $\rho = 1000$ kg/m³

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.03, 6.83, 6.91); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

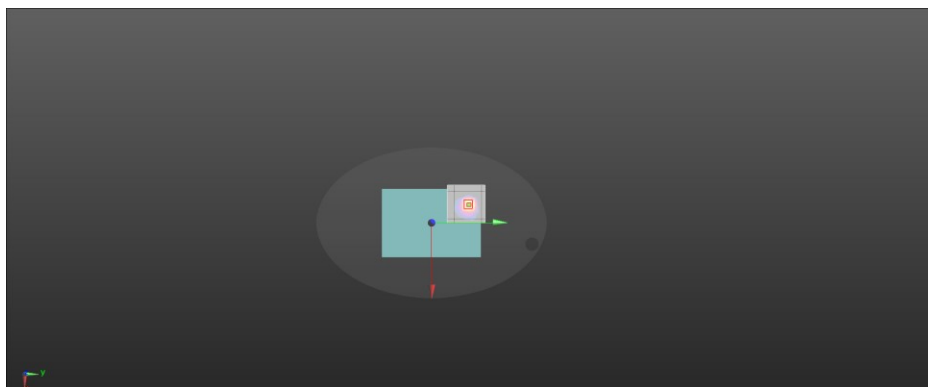
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.744 W/kg = -1.28 dBW/kg

Date: 7/21/2025

WLAN 2.4G 802.11n(20M)-Back-Ant2+0-CH6-2437MHz

Communication System: UID 0, WIFI 2.4G (0); Communication System Band: 802.1n(20M); Duty Cycle: 1:1.0;
Frequency: 2437 MHz; Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.843 \text{ S/m}$; $\epsilon_r = 38.587$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(7.03, 6.83, 6.91); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (151x41x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 1.95 W/kg

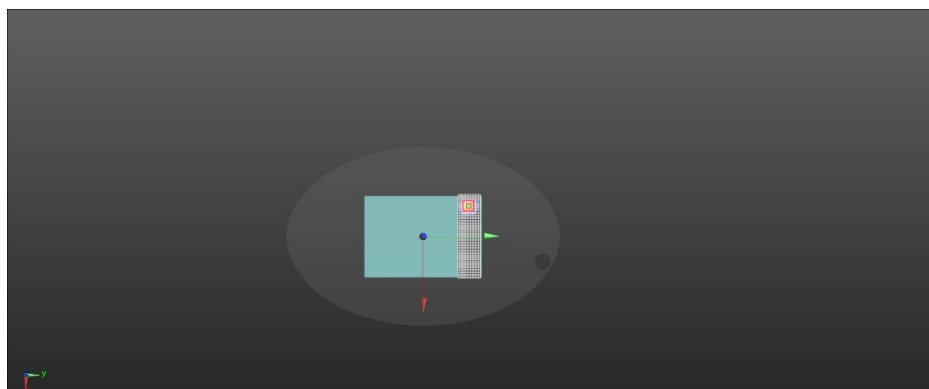
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.81 W/kg = 2.31 dBW/kg

Date: 7/22/2025

WLAN 5G 802.11n(40M)-Right-Ant 1+0-CH62-5310MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11n(40M); Duty Cycle: 1:1.0;
Frequency: 5310 MHz; Medium parameters used: $f = 5310 \text{ MHz}$; $\sigma = 4.667 \text{ S/m}$; $\epsilon_r = 36.289$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.42, 5.27, 5.33); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.25 W/kg

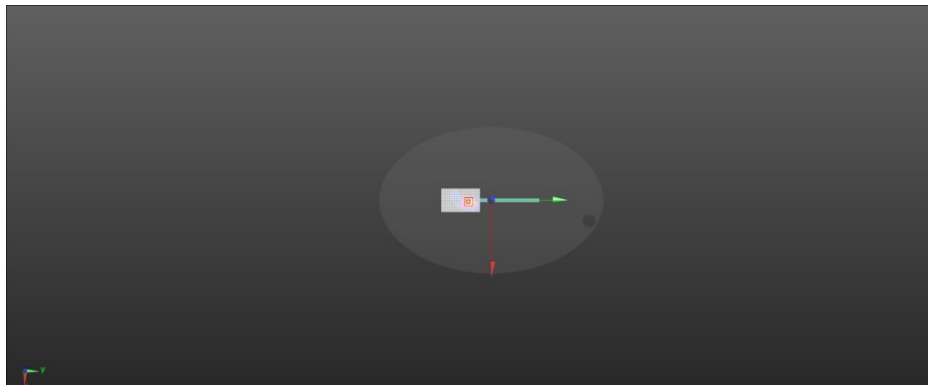
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.90 W/kg

SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 dBW/kg

Date: 7/23/2025

WLAN 5G 802.11n(40M)-Back-Ant 1+0-CH134-5670MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11n(40M); Duty Cycle: 1:1.0;
Frequency: 5670 MHz; Medium parameters used: $f = 5670 \text{ MHz}$; $\sigma = 5.081 \text{ S/m}$; $\epsilon_r = 35.707$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(4.64, 4.51, 4.56); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 3.45 W/kg

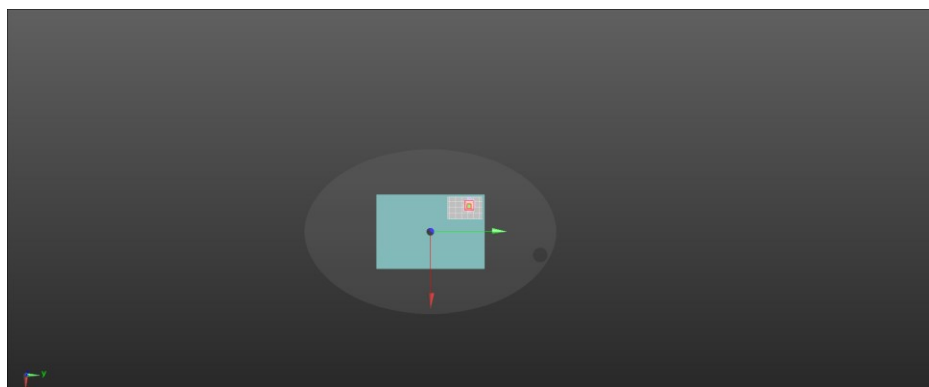
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.82 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 3.68 W/kg



0 dB = 3.68 W/kg = 5.66 dBW/kg

Date: 7/24/2025

WLAN 5G 802.11ac(80M)-Back-Ant1+0-CH155-5775MHz

Communication System: UID 0, WIFI 5G (0); Communication System Band: 802.11ac(80M); Duty Cycle: 1:1.0;
Frequency: 5775 MHz; Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.2 \text{ S/m}$; $\epsilon_r = 35.541$; $\rho = 1000 \text{ kg/m}^3$

Ambient temperature (°C): 23.5, Liquid temperature (°C): 22.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7761; ConvF(5.05, 4.91, 4.97); Calibrated: 9/19/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/14/2025
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.55 W/kg

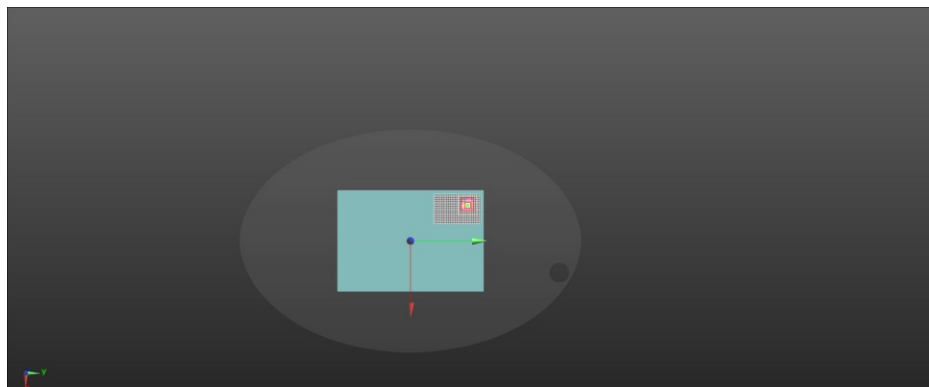
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 0 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.88 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 2.12 W/kg



0 dB = 2.12 W/kg = 3.26 dBW/kg

Measurement Report for Device, BACK, IEEE 802.11ax (80MHz, MCS0), Channel 7 (5985MHz) Ant 1+ 0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	5985, 7	5.22	5.44	34.9

Hardware Setup

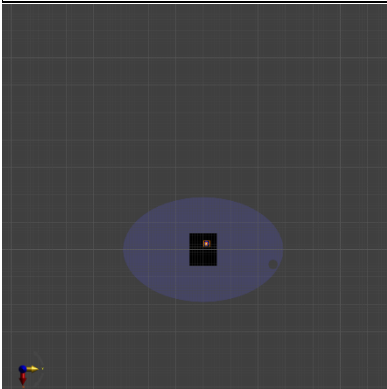
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 100.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.6 x 3.6 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-25	2025-07-25
psSAR1g [W/Kg]	0.527	0.935
psSAR10g [W/Kg]	0.093	0.144
Power Drift [dB]	-0.06	-0.03



Measurement Report for Device, BACK, IEEE 802.11ax (80MHz, MCS0), Channel 103 (6465MHz) Ant 1+ 0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	6465, 103	5.22	6.08	34.0

Hardware Setup

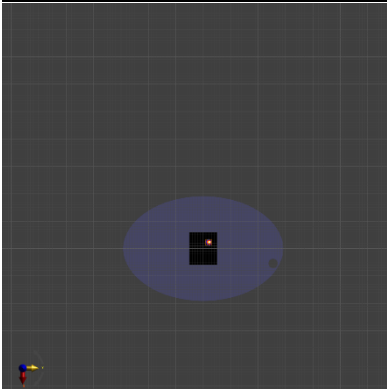
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt)	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 102.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-25	2025-07-25
psSAR1g [W/Kg]	0.666	0.862
psSAR10g [W/Kg]	0.124	0.131
Power Drift [dB]	-0.04	0.05



Measurement Report for Device, BACK, IEEE 802.11ax (80MHz, MCS0), Channel 135 (6625MHz) Ant 1+ 0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	6625, 135	5.22	6.08	34.0

Hardware Setup

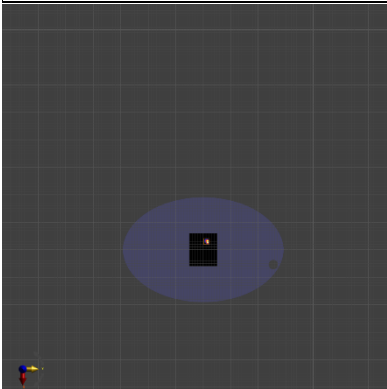
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt)	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 102.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-26	2025-07-26
psSAR1g [W/Kg]	0.576	0.823
psSAR10g [W/Kg]	0.121	0.132
Power Drift [dB]	0.09	0.12



Measurement Report for Device, BACK, IEEE 802.11ax (80MHz, MCS0), Channel 215 (7025MHz) Ant 1+ 0

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	7025.000, 215	5.22	6.69	33.2

Hardware Setup

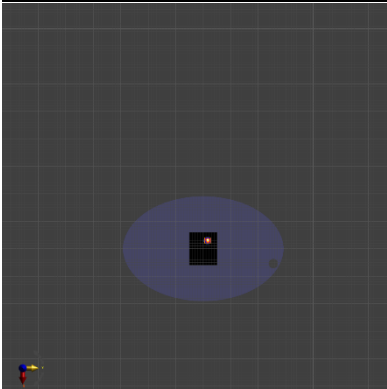
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt)	HBBL-600-10000	EX3DV4 - SN7761, 2024-09-19	DAE4 Sn1220, 2025-03-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 102.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	2.8 x 2.8 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-26	2025-07-26
psSAR1g [W/Kg]	0.654	0.911
psSAR10g [W/Kg]	0.164	0.176
Power Drift [dB]	-0.08	0.11



Measurement Report for Device, BACK, IEEE 802.11ax (80MHz, MCS0), Channel 103 (6465MHz) Ant 1+ 0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	6465, 103	1.0

Hardware Setup

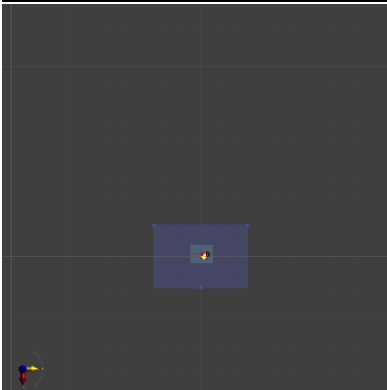
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air	EUmmWV4 - SN9681_F1-55GHz, 2024-09-16	DAE4 Sn1220, 2025-03-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Date	2025-07-26
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.17
psPDtot+ [W/m²]	2.82
psPDmod+ [W/m²]	2.95
Power Drift [dB]	0.06



10 CALIBRATION CERTIFICATE

Note: The detailed calibration certificate can refer to Appendix.

11 TEST PHOTO

Note: The test photo please see appendix.

_____ The End _____