

8 CONDUCTED RF OUTPUT POWER

8.2	WIFI Output Power
8.3	Bluetooth
8.3.1	Bluetooth Output Power
8.3.2	Bluetooth Duty Cycle

8.2 WIFI Output Power

WIFI2.4G-Sensor-off												
2.4G	Mode	Channel	Frequency (MHz)	AV power			Tune up			SAR Test		
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO
	11b	1	2412	15.12	15.74	18.45	16.00	16.00	19.00	Yes	Yes	Yes
		6	2437	14.68	15.73	18.25	16.00	16.00	19.00	Yes	Yes	Yes
		11	2462	14.00	15.61	17.89	16.00	16.00	19.00	Yes	Yes	Yes
	11g	1	2412	14.70	15.89	18.35	16.00	16.00	19.00	No	No	No
		6	2437	14.45	15.57	18.06	16.00	16.00	19.00	No	No	No
		11	2462	13.74	15.72	17.85	16.00	16.00	19.00	No	No	No
	11n20	1	2412	14.73	15.50	18.14	16.00	16.00	19.00	No	No	No
		6	2437	14.85	15.84	18.38	16.00	16.00	19.00	No	No	No
		11	2462	13.96	15.83	18.01	16.00	16.00	19.00	No	No	No
	11ax20	1	2412	14.52	15.72	18.17	16.00	16.00	19.00	No	No	No
		6	2437	14.53	15.76	18.20	16.00	16.00	19.00	No	No	No
		11	2462	13.92	15.81	17.98	16.00	16.00	19.00	No	No	No
	11ax20(RU26)	1	2412	14.78	15.74	18.30	16.00	16.00	19.00	No	No	No
		6	2437	15.56	15.91	18.75	16.00	16.00	19.00	No	No	No
		11	2462	14.12	15.45	17.85	16.00	16.00	19.00	No	No	No
	11ax20(RU52)	1	2412	14.83	15.81	18.36	16.00	16.00	19.00	No	No	No
		6	2437	15.46	15.87	18.68	16.00	16.00	19.00	No	No	No
		11	2462	14.13	15.46	17.86	16.00	16.00	19.00	No	No	No
	11ax20(RU106)	1	2412	14.49	15.40	17.98	16.00	16.00	19.00	No	No	No
		6	2437	15.39	15.70	18.56	16.00	16.00	19.00	No	No	No
		11	2462	14.03	15.63	17.91	16.00	16.00	19.00	No	No	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

1) SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure.

2) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required.

Adjusted SAR = $0.462 * (79.43\text{mW}/79.43\text{mW}) = 0.462$ W/Kg, so 2.4G OFDM SAR test is not required.

WiFi2.4G-Sensor-on												
2.4G	Mode	Channel	Frequency (MHz)	AV power			Tune up			SAR Test	SAR Test	SAR Test
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO
	11b	1	2412	6.62	6.32	9.48	7.00	7.00	10.00	Yes	Yes	Yes
		6	2437	5.58	6.23	8.93	7.00	7.00	10.00	Yes	Yes	Yes
		11	2462	5.92	6.28	9.11	7.00	7.00	10.00	Yes	Yes	Yes
	11g	1	2412	5.59	6.79	9.24	7.00	7.00	10.00	No	No	No
		6	2437	5.58	6.46	9.05	7.00	7.00	10.00	No	No	No
		11	2462	4.54	6.73	8.78	7.00	7.00	10.00	No	No	No
	11n20	1	2412	5.68	6.43	9.08	7.00	7.00	10.00	No	No	No
		6	2437	5.92	6.86	9.43	7.00	7.00	10.00	No	No	No
		11	2462	5.11	6.75	9.02	7.00	7.00	10.00	No	No	No
	11ax20	1	2412	5.63	6.76	9.24	7.00	7.00	10.00	No	No	No
		6	2437	5.37	6.61	9.04	7.00	7.00	10.00	No	No	No
		11	2462	5.02	6.85	9.04	7.00	7.00	10.00	No	No	No
	11ax20(RU26)	1	2412	5.71	6.54	9.16	7.00	7.00	10.00	No	No	No
		6	2437	6.70	7.04	9.88	7.00	7.00	10.00	No	No	No
		11	2462	5.05	6.25	8.70	7.00	7.00	10.00	No	No	No
	11ax20(RU52)	1	2412	5.87	6.75	9.34	7.00	7.00	10.00	No	No	No
		6	2437	6.34	6.67	9.52	7.00	7.00	10.00	No	No	No
		11	2462	5.02	6.31	8.72	7.00	7.00	10.00	No	No	No
11ax20(RU106)	1	2412	5.62	6.59	9.14	7.00	7.00	10.00	No	No	No	
	6	2437	6.30	6.73	9.53	7.00	7.00	10.00	No	No	No	
	11	2462	5.00	6.54	8.85	7.00	7.00	10.00	No	No	No	
Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially. 1) SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. 2) According KDB 247228, when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, OFDM SAR test is not required. Adjusted SAR = $0.663^* (5.01\text{mW}/5.01\text{mW}) = 0.663$ W/Kg, so 2.4G OFDM SAR test is not required.												

WiFi5G-Sensor-off													
	Mode	Channel	Frequency (MHz)	AV power			Tune up			SAR Test ANT3	SAR Test ANT2	SAR Test MIMO	
				ANT3	ANT2	MIMO	ANT3	ANT2	MIMO				
5.2G	11a	36	5180	14.42	14.80	17.62	15.00	15.00	18.00	No	No	No	
		44	5220	14.91	14.39	17.67	15.00	15.00	18.00	No	No	No	
		48	5240	14.58	14.08	17.35	15.00	15.00	18.00	No	No	No	
	11n20	36	5180	14.74	14.17	17.47	15.00	15.00	18.00	No	No	No	
		44	5220	14.88	14.26	17.59	15.00	15.00	18.00	No	No	No	
		48	5240	14.53	13.95	17.26	15.00	15.00	18.00	No	No	No	
	11n40	38	5190	14.59	14.17	17.40	15.00	15.00	18.00	No	No	No	
		46	5230	14.56	14.09	17.34	15.00	15.00	18.00	No	No	No	
		36	5180	14.90	14.64	17.78	15.00	15.00	18.00	No	No	No	
	11ac20	44	5220	14.49	14.23	17.37	15.00	15.00	18.00	No	No	No	
		48	5240	14.59	13.90	17.27	15.00	15.00	18.00	No	No	No	
		38	5190	14.53	14.17	17.36	15.00	15.00	18.00	No	No	No	
	11ac40	46	5230	14.86	14.11	17.51	15.00	15.00	18.00	No	No	No	
		42	5210	14.03	13.45	16.76	15.00	15.00	18.00	No	No	No	
	11ax20	36	5180	14.86	14.64	17.76	15.00	15.00	18.00	No	No	No	
		44	5220	14.64	14.05	17.37	15.00	15.00	18.00	No	No	No	
		48	5240	14.84	14.25	17.57	15.00	15.00	18.00	No	No	No	
	11ax40	38	5190	14.76	14.10	17.45	15.00	15.00	18.00	No	No	No	
		46	5230	14.63	14.03	17.35	15.00	15.00	18.00	No	No	No	
		36	5180	14.04	12.96	16.54	14.50	14.50	17.50	No	No	No	
	11ax20(RU26)	36	5180	9.93	10.52	13.25	11.00	11.00	14.00	No	No	No	
		44	5220	10.47	9.97	13.24	11.00	11.00	14.00	No	No	No	
		48	5240	10.35	9.85	13.16	11.00	11.00	14.00	No	No	No	
	11ax20(RU52)	36	5180	12.42	13.11	15.79	13.50	13.50	16.50	No	No	No	
		44	5220	13.42	13.13	16.29	14.00	14.00	17.00	No	No	No	
		48	5240	13.11	12.63	15.89	13.50	13.50	16.50	No	No	No	
	11ax20(RU106)	36	5180	14.77	14.55	17.67	15.00	15.00	18.00	No	No	No	
		44	5220	14.62	14.57	17.63	15.00	15.00	18.00	No	No	No	
		48	5240	14.64	14.57	17.72	15.00	15.00	18.00	No	No	No	
	11ax40(RU26)	38	5190	9.83	10.06	12.96	10.50	10.50	13.50	No	No	No	
		46	5230	10.40	10.05	13.24	10.50	10.50	13.50	No	No	No	
		38	5190	12.92	13.42	16.14	14.00	14.00	17.00	No	No	No	
	11ax40(RU52)	46	5230	13.40	13.21	16.32	14.00	14.00	17.00	No	No	No	
		38	5190	14.81	14.62	17.73	15.00	15.00	18.00	No	No	No	
		46	5230	14.73	14.63	17.69	15.00	15.00	18.00	No	No	No	
	11ax40(RU242)	38	5190	14.62	14.42	17.53	15.00	15.00	18.00	No	No	No	
		46	5230	14.64	14.21	17.44	15.00	15.00	18.00	No	No	No	
		42	5210	10.67	10.86	13.78	11.00	11.00	14.00	No	No	No	
	11ax80(RU26)	42	5210	13.14	13.49	16.33	14.00	14.00	17.00	No	No	No	
		11ax80(RU106)	42	5210	14.29	13.49	16.92	14.50	14.50	17.50	No	No	No
		11ax80(RU242)	42	5210	14.16	13.30	16.76	14.50	14.50	17.50	No	No	No
	11ax80(RU484)	42	5210	14.07	13.05	16.60	14.50	14.50	17.50	No	No	No	
		52	5260	14.79	14.84	17.83	15.00	15.00	18.00	No	No	No	
		60	5300	14.54	13.97	17.27	15.00	15.00	18.00	No	No	No	
	11a	64	5320	14.66	13.97	17.34	15.00	15.00	18.00	No	No	No	
		52	5260	14.80	14.71	17.82	15.00	15.00	18.00	No	No	No	
		60	5300	14.91	14.36	17.66	15.00	15.00	18.00	No	No	No	
	11n20	64	5320	14.62	13.83	17.25	15.00	15.00	18.00	No	No	No	
54		5270	14.63	14.14	17.40	15.00	15.00	18.00	No	No	No		
62		5310	14.78	13.96	17.40	15.00	15.00	18.00	No	No	No		
11n40	52	5260	14.67	14.64	17.67	15.00	15.00	18.00	No	No	No		
	60	5300	14.77	14.32	17.56	15.00	15.00	18.00	No	No	No		
	64	5320	14.69	14.03	17.49	15.00	15.00	18.00	No	No	No		
11ac20	54	5270	14.79	14.63	17.72	15.00	15.00	18.00	No	No	No		
	62	5310	14.59	13.92	17.28	15.00	15.00	18.00	No	No	No		
	58	5290	14.24	14.04	17.15	15.00	15.00	18.00	Yes	Yes	Yes		
11ac40	50	5250	13.76	14.07	16.93	14.50	14.50	17.50	No	No	No		
	64	5320	14.53	14.49	17.52	15.00	15.00	18.00	No	No	No		
	60	5300	14.76	14.77	17.76	15.00	15.00	18.00	No	No	No		
11ax20	64	5320	14.69	14.58	17.65	15.00	15.00	18.00	No	No	No		
	54	5270	14.55	14.54	17.56	15.00	15.00	18.00	No	No	No		
	62	5310	14.92	14.37	17.66	15.00	15.00	18.00	No	No	No		
11ax80	58	5290	14.36	14.09	17.24	14.50	14.50	17.50	No	No	No		
	50	5250	14.04	14.01	17.04	14.50	14.50	17.50	No	No	No		
	64	5320	10.14	10.10	13.13	11.00	11.00	14.00	No	No	No		
11ax20(RU26)	52	5260	9.65	10.54	13.13	11.00	11.00	14.00	No	No	No		
	60	5300	10.26	10.60	13.44	11.00	11.00	14.00	No	No	No		
	64	5320	13.09	13.21	16.16	14.00	14.00	17.00	No	No	No		
11ax20(RU52)	52	5260	13.66	14.48	17.10	15.00	15.00	18.00	No	No	No		
	60	5300	14.47	14.72	17.61	15.00	15.00	18.00	No	No	No		
	64	5320	14.93	14.72	17.84	15.00	15.00	18.00	No	No	No		
11ax40(RU26)	54	5270	9.71	10.60	13.19	11.00	11.00	14.00	No	No	No		
	62	5310	10.39	10.68	13.55	11.00	11.00	14.00	No	No	No		
	54	5270	12.70	13.66	16.22	14.00	14.00	17.00	No	No	No		
11ax40(RU52)	62	5310	13.12	13.23	16.19	14.00	14.00	17.00	No	No	No		
	54	5270	14.23	14.76	17.51	15.00	15.00	18.00	No	No	No		
	62	5310	14.73	14.46	17.61	15.00	15.00	18.00	No	No	No		
11ax40(RU106)	54	5270	14.19	14.64	17.43	15.00	15.00	18.00	No	No	No		
	62	5310	14.91	14.72	17.84	15.00	15.00	18.00	No	No	No		
	58	5290	9.81	10.94	13.42	11.00	11.00	14.00	No	No	No		
11ax80(RU26)	58	5290	12.86	13.96	16.46	14.00	14.00	17.00	No	No	No		
	58	5290	14.33	14.12	17.38	14.50	14.50	17.50	No	No	No		
	58	5290	14.08	14.27	17.19	14.50	14.50	17.50	No	No	No		
11ax80(RU484)	58	5290	14.21	14.11	17.18	14.50	14.50	17.50	No	No	No		
	50	5250	10.12	10.97	13.58	11.00	11.00	14.00	No	No	No		
	50	5250	12.62	13.81	16.15	14.00	14.00	17.00	No	No	No		
11ax160(RU26)	50	5250	14.02	14.16	17.10	14.50	14.50	17.50	No	No	No		
	50	5250	14.37	14.46	17.43	14.50	14.50	17.50	No	No	No		
	50	5250	14.41	14.13	17.28	14.50	14.50	17.50	No	No	No		
11ax160(RU106)	50	5250	14.31	14.12	17.23	14.50	14.50	17.50	No	No	No		
	50	5250	14.31	14.12	17.23	14.50	14.50	17.50	No	No	No		
	50	5250	14.31	14.12	17.23	14.50	14.50	17.50	No	No	No		

11a	100	5500	15.43	14.53	18.01	15.50	15.50	18.50	No	No	No
	116	5580	15.19	15.00	18.11	15.50	15.50	18.50	No	No	No
	140	5700	15.03	12.63	17.00	15.50	15.50	18.50	No	No	No
	144	5720	15.34	15.39	18.38	15.50	15.50	18.50	No	No	No
	100	5500	15.44	14.43	17.97	15.50	15.50	18.50	No	No	No
	116	5580	15.22	14.82	18.03	15.50	15.50	18.50	No	No	No
	140	5700	15.43	12.98	17.39	15.50	15.50	18.50	No	No	No
	144	5720	15.18	15.18	18.19	15.50	15.50	18.50	No	No	No
	102	5510	15.12	15.44	18.29	15.50	15.50	18.50	No	No	No
	118	5590	14.86	15.18	18.03	15.50	15.50	18.50	No	No	No
11n20	134	5670	14.98	14.50	17.76	15.50	15.50	18.50	No	No	No
	142	5710	15.21	14.30	17.79	15.50	15.50	18.50	No	No	No
	100	5500	15.14	15.33	18.25	15.50	15.50	18.50	No	No	No
	116	5580	14.37	14.98	17.70	15.50	15.50	18.50	No	No	No
11n40	140	5700	15.36	14.97	18.18	15.50	15.50	18.50	No	No	No
	144	5720	15.36	14.68	18.04	15.50	15.50	18.50	No	No	No
	102	5510	15.44	14.87	18.17	15.50	15.50	18.50	No	No	No
	118	5590	15.26	14.43	17.88	15.50	15.50	18.50	No	No	No
11ac20	134	5670	14.98	13.71	17.40	15.50	15.50	18.50	No	No	No
	142	5710	15.12	14.23	17.71	15.50	15.50	18.50	No	No	No
	106	5530	14.88	13.82	17.39	15.50	15.50	18.50	Yes	Yes	Yes
	122	5610	14.79	14.09	17.46	15.50	15.50	18.50	Yes	Yes	Yes
11ac40	138	5690	15.19	14.38	17.81	15.50	15.50	18.50	Yes	Yes	Yes
	114	5570	14.89	14.25	17.59	15.00	15.00	18.00	No	No	No
	100	5500	14.63	15.32	19.00	15.50	15.50	18.50	No	No	No
	116	5580	14.25	15.06	17.68	15.50	15.50	18.50	No	No	No
11ax20	140	5700	15.19	14.98	18.10	15.50	15.50	18.50	No	No	No
	144	5720	15.25	14.45	17.88	15.50	15.50	18.50	No	No	No
	102	5510	15.19	15.37	18.29	15.50	15.50	18.50	No	No	No
	110	5550	15.23	15.30	18.28	15.50	15.50	18.50	No	No	No
11ax40	134	5670	15.41	15.20	18.32	15.50	15.50	18.50	No	No	No
	142	5710	15.15	14.88	18.03	15.50	15.50	18.50	No	No	No
	106	5530	14.84	14.56	17.71	15.00	15.00	18.00	No	No	No
	122	5610	14.68	14.37	17.64	15.00	15.00	18.00	No	No	No
11ax80	138	5690	14.80	13.92	17.39	15.00	15.00	18.00	No	No	No
	114	5570	14.62	12.93	16.87	15.00	15.00	18.00	No	No	No
	100	5500	10.44	10.00	13.24	11.00	11.00	14.00	No	No	No
	116	5580	10.64	10.62	13.64	11.00	11.00	14.00	No	No	No
11ax20(RU26)	140	5700	10.24	9.20	12.76	11.00	11.00	14.00	No	No	No
	106	5530	13.59	13.10	16.36	14.00	14.00	17.00	No	No	No
	116	5580	13.29	13.55	16.44	14.00	14.00	17.00	No	No	No
	140	5700	13.76	12.77	16.30	14.00	14.00	17.00	No	No	No
11ax20(RU52)	106	5530	14.98	14.66	17.83	15.50	15.50	18.50	No	No	No
	116	5580	15.40	14.90	18.17	15.50	15.50	18.50	No	No	No
	140	5700	15.20	13.42	17.41	15.50	15.50	18.50	No	No	No
	102	5510	10.71	10.80	13.77	11.00	11.00	14.00	No	No	No
11ax40(RU26)	116	5580	10.35	10.20	13.29	10.50	10.50	13.50	No	No	No
	134	5670	10.44	9.29	12.91	11.00	11.00	14.00	No	No	No
	102	5510	13.36	13.42	16.40	14.00	14.00	17.00	No	No	No
	118	5590	13.44	13.89	16.53	14.00	14.00	17.00	No	No	No
11ax40(RU52)	134	5670	14.14	12.86	16.56	14.50	14.50	17.50	No	No	No
	102	5510	14.76	15.07	17.83	15.50	15.50	18.50	No	No	No
	118	5590	15.13	15.08	18.12	15.50	15.50	18.50	No	No	No
	134	5670	15.33	13.73	17.61	15.50	15.50	18.50	No	No	No
11ax40(RU106)	102	5510	15.21	14.34	17.81	15.50	15.50	18.50	No	No	No
	116	5590	15.15	14.37	17.79	15.50	15.50	18.50	No	No	No
	134	5670	15.20	13.64	17.50	15.50	15.50	18.50	No	No	No
	106	5530	10.74	10.45	13.61	11.00	11.00	14.00	No	No	No
11ax80(RU26)	122	5610	10.98	10.28	13.65	11.50	11.50	14.50	No	No	No
	106	5530	13.33	13.11	16.23	14.00	14.00	17.00	No	No	No
	122	5610	13.54	13.24	16.40	14.00	14.00	17.00	No	No	No
	106	5530	14.67	14.61	17.75	15.00	15.00	18.00	No	No	No
11ax80(RU106)	122	5610	14.62	13.12	16.94	15.00	15.00	18.00	No	No	No
	106	5530	14.58	13.74	17.19	15.00	15.00	18.00	No	No	No
	122	5610	14.45	13.58	17.05	15.00	15.00	18.00	No	No	No
	106	5530	14.47	13.55	17.04	15.00	15.00	18.00	No	No	No
11ax80(RU484)	122	5610	14.60	13.00	16.88	15.00	15.00	18.00	No	No	No
	114	5570	10.77	10.84	13.82	11.00	11.00	14.00	No	No	No
	114	5570	13.83	13.98	16.92	14.00	14.00	17.00	No	No	No
	114	5570	14.57	14.32	17.46	15.00	15.00	18.00	No	No	No
11ax160(RU106)	118	5570	15.02	14.67	17.81	15.00	15.00	18.00	No	No	No
	114	5570	14.90	14.39	17.66	15.00	15.00	18.00	No	No	No
	114	5570	14.59	13.96	17.30	15.00	15.00	18.00	No	No	No
	114	5570	10.46	8.68	12.67	10.50	10.50	13.50	No	No	No
11ax20(RU26)	144	5720	13.73	12.21	16.05	14.00	14.00	17.00	No	No	No
	144	5720	15.46	13.77	17.71	15.50	15.50	18.50	No	No	No
	142	5710	10.86	9.43	13.21	11.00	11.00	14.00	No	No	No
	142	5710	14.01	12.75	16.44	14.50	14.50	17.50	No	No	No
11ax40(RU106)	142	5710	15.28	15.27	18.29	15.50	15.50	18.50	No	No	No
	142	5710	15.18	14.60	17.91	15.50	15.50	18.50	No	No	No
	138	5690	10.46	9.42	12.98	11.00	11.00	14.00	No	No	No
	138	5690	13.62	12.84	16.26	14.00	14.00	17.00	No	No	No
11ax80(RU106)	138	5690	14.83	14.89	17.87	15.00	15.00	18.00	No	No	No
	138	5690	14.73	14.31	17.54	15.00	15.00	18.00	No	No	No
	138	5690	14.89	14.07	17.51	15.00	15.00	18.00	No	No	No
	149	5745	14.75	14.79	17.78	15.00	15.00	18.00	No	No	No
11a	157	5785	14.58	14.64	17.62	15.00	15.00	18.00	No	No	No
	156	5825	14.86	14.94	17.91	15.00	15.00	18.00	No	No	No
	149	5745	14.68	14.63	17.67	15.00	15.00	18.00	No	No	No
	157	5785	14.48	14.18	17.34	15.00	15.00	18.00	No	No	No
11n20	156	5825	14.75	14.97	17.72	15.00	15.00	18.00	No	No	No
	151	5755	14.73	13.83	17.31	15.00	15.00	18.00	No	No	No
	159	5795	14.63	14.31	17.48	15.00	15.00	18.00	No	No	No
	149	5745	14.84	13.20	17.11	15.00	15.00	18.00	No	No	No
11n40	157	5785	14.87	13.22	17.13	15.00	15.00	18.00	No	No	No
	165	5825	14.48	12.57	16.64	15.00	15.00	18.00	No	No	No
	151	5755	14.46	13.80	17.15	15.00	15.00	18.00	No	No	No
	159	5795	14.71	14.25	17.50	15.00	15.00	18.00	No	No	No
11ac20	155	5775	14.06	14.39	17.24	15.00	15.00	18.00	Yes	Yes	Yes
	149	5745	14.16	13.61	16.90	15.00	15.00	18.00	No	No	No
	157	5785	14.23	13.55	16.91	15.00	15.00	18.00	No	No	No
	165	5825	14.07	13.60	16.85	15.00	15.00	18.00	No	No	No
11ac40	151	5755	14.17	13.76	16.98	15.00	15.00	18.00	No	No	No
	159	5795	14.45	14.17	17.32	15.00	15.00	18.00	No	No	No
	114	5570	14.28	13.81	17.06	14.50	14.50	17.50	No	No	No
	149	5745	13.83	12.24	16.33	14.00	14.00	17.00	No	No	No
11ax20	155	5775	13.38	12.54	16.99	13.50	13.50	16.50	No	No	No
	165	5825	13.64	12.40	16.07	14.00	14.00	17.00	No	No	No
	149	5745	14.60	14.91	17.77	15.00	15.00	18.00	No	No	No
	157	5785	14.76	14.78	17.77	15.00	15.00	18.00	No	No	No
11ax40(RU26)	165	5825	14.78	13.95	17.40	15.00	15.00	18.00	No	No	No
	149	5745	14.51	14.81	17.67	15.00	15.00	18.00	No	No	No
	157	5785	14.70	14.67	17.70	15.00	15.00	18.00	No	No	No
	165	5825	14.68	13.85	17.30	15.00	15.00	18.00	No	No	No
11ax80	151	5755	13.66	12.82	16.27	14.00	14.00	17.00	No	No	No
	155	5775	13.68	12.58	16.18	14.00	14.00	17.00	No	No	No
	151	5755	14.90	14.51	17.72	15.00	15.00	18.00	No	No	No
	159	5795	14.79	13.62	17.25	15.00	15.00	18.00	No	No	No
11ax20(RU52)	151	5755	14.82	14.40	17.63	15.00	15.00	18.00	No	No	No
	159	5795	14.76	13.59	17.22	15.00	15.00	18.00	No	No	No
	151	5755	14.68	14.23	17.47	15.00	15.00	18.00	No	No	No
	159	5795	14.63	13.48	17.10	15.00	15.00	18.00	No	No	No
11ax40(RU106)	155	5775	14.49	12.74	16.49	14.00	14.00	17.00	No	No	No
	151	5755	14.45	13.81	17.15	14.50	14.50	17.50	No	No	No
	155	5775									

WiFi5G-Sensor-on												
Mode	Channel	Frequency (MHz)	AV power			Tune up			SAR Test	SAR Test	SAR Test	
			ANT3	ANT2	MIMO	ANT3	ANT2	MIMO				
5.2G	11a	36 5180	6.52	6.65	9.60	7.00	7.00	10.00	No	No	No	
		44 5220	6.77	6.31	9.56	7.00	7.00	10.00	No	No	No	
		48 5240	6.58	6.04	9.33	7.00	7.00	10.00	No	No	No	
	11n20	36 5180	6.65	6.29	9.48	7.00	7.00	10.00	No	No	No	
		44 5220	6.62	6.34	9.49	7.00	7.00	10.00	No	No	No	
		48 5240	6.61	5.85	9.26	7.00	7.00	10.00	No	No	No	
	11n40	38 5190	6.69	6.30	9.51	7.00	7.00	10.00	No	No	No	
		46 5230	6.46	5.99	9.24	7.00	7.00	10.00	No	No	No	
		36 5180	6.75	6.56	9.67	7.00	7.00	10.00	No	No	No	
	11ac20	44 5220	6.48	6.15	9.33	7.00	7.00	10.00	No	No	No	
		48 5240	6.67	5.90	9.31	7.00	7.00	10.00	No	No	No	
		38 5190	6.46	6.25	9.37	7.00	7.00	10.00	No	No	No	
	11ac40	46 5230	6.72	6.17	9.46	7.00	7.00	10.00	No	No	No	
		42 5210	6.18	5.59	8.91	7.00	7.00	10.00	No	No	No	
		36 5180	6.92	6.53	9.74	7.00	7.00	10.00	No	No	No	
	11ax20	44 5220	6.79	5.91	9.38	7.00	7.00	10.00	No	No	No	
		48 5240	6.73	6.21	9.49	7.00	7.00	10.00	No	No	No	
		38 5190	6.63	6.21	9.44	7.00	7.00	10.00	No	No	No	
	11ax40	46 5230	6.50	5.89	9.22	7.00	7.00	10.00	No	No	No	
		42 5210	6.18	4.87	8.58	6.50	6.50	9.50	No	No	No	
		36 5180	5.98	6.39	9.20	7.00	7.00	10.00	No	No	No	
	11ax20(RU26)	44 5220	6.42	6.11	9.28	7.00	7.00	10.00	No	No	No	
		48 5240	6.49	6.02	9.27	7.00	7.00	10.00	No	No	No	
		36 5180	6.04	6.63	9.36	7.00	7.00	10.00	No	No	No	
	11ax20(RU52)	44 5220	6.46	6.19	9.34	7.00	7.00	10.00	No	No	No	
		48 5240	6.58	6.01	9.31	7.00	7.00	10.00	No	No	No	
		36 5180	6.67	6.69	9.69	7.00	7.00	10.00	No	No	No	
	11ax20(RU106)	44 5220	6.57	6.64	9.62	7.00	7.00	10.00	No	No	No	
		48 5240	6.80	6.48	9.71	7.00	7.00	10.00	No	No	No	
		38 5190	6.25	6.68	9.48	7.00	7.00	10.00	No	No	No	
	11ax40(RU26)	46 5230	6.84	6.41	9.64	7.00	7.00	10.00	No	No	No	
		38 5190	5.81	6.40	9.13	7.00	7.00	10.00	No	No	No	
		46 5230	6.44	6.32	9.39	7.00	7.00	10.00	No	No	No	
	11ax40(RU52)	38 5190	6.72	6.67	9.71	7.00	7.00	10.00	No	No	No	
		46 5230	6.85	6.73	9.80	7.00	7.00	10.00	No	No	No	
		38 5190	6.58	6.47	9.54	7.00	7.00	10.00	No	No	No	
	11ax40(RU242)	46 5230	6.76	6.16	9.48	7.00	7.00	10.00	No	No	No	
		42 5210	6.56	6.95	9.77	7.00	7.00	10.00	No	No	No	
		42 5210	5.77	5.84	8.82	6.50	6.50	9.50	No	No	No	
	11ax80(RU52)	42 5210	6.41	5.36	8.93	6.50	6.50	9.50	No	No	No	
		42 5210	6.21	6.15	8.72	6.50	6.50	9.50	No	No	No	
		42 5210	6.12	4.94	8.58	6.50	6.50	9.50	No	No	No	
	11ax80(RU484)	52 5260	6.72	6.88	9.81	7.00	7.00	10.00	No	No	No	
		60 5300	6.64	5.97	9.33	7.00	7.00	10.00	No	No	No	
		64 5320	6.58	6.01	9.31	7.00	7.00	10.00	No	No	No	
5.3G	11a	52 5260	6.76	6.62	9.70	7.00	7.00	10.00	No	No	No	
		60 5300	6.72	6.29	9.42	7.00	7.00	10.00	No	No	No	
		64 5320	6.75	5.73	9.28	7.00	7.00	10.00	No	No	No	
	11n20	54 5270	6.67	6.21	9.46	7.00	7.00	10.00	No	No	No	
		62 5310	6.62	5.86	9.38	7.00	7.00	10.00	No	No	No	
		52 5260	6.74	6.58	9.67	7.00	7.00	10.00	No	No	No	
	11n40	60 5300	6.84	6.23	9.56	7.00	7.00	10.00	No	No	No	
		64 5320	6.69	6.14	9.54	7.00	7.00	10.00	No	No	No	
		54 5270	6.69	6.73	9.72	7.00	7.00	10.00	No	No	No	
	11ac20	62 5310	6.67	6.21	9.46	7.00	7.00	10.00	No	No	No	
		60 5300	6.62	5.86	9.38	7.00	7.00	10.00	No	No	No	
		52 5260	6.74	6.58	9.67	7.00	7.00	10.00	No	No	No	
	11ac40	64 5320	6.84	6.23	9.56	7.00	7.00	10.00	No	No	No	
		60 5300	6.69	6.14	9.54	7.00	7.00	10.00	No	No	No	
		54 5270	6.69	6.73	9.72	7.00	7.00	10.00	No	No	No	
	11ax20	62 5310	6.67	5.85	9.29	7.00	7.00	10.00	No	No	No	
		58 5290	6.38	6.33	9.37	7.00	7.00	10.00	Yes	Yes	Yes	
		50 5250	5.79	6.20	9.01	6.50	6.50	9.50	No	No	No	
	11ax40	62 5310	6.67	6.63	9.66	7.00	7.00	10.00	No	No	No	
		60 5300	6.61	6.88	9.76	7.00	7.00	10.00	No	No	No	
		64 5320	6.66	6.45	9.57	7.00	7.00	10.00	No	No	No	
	11ax80	54 5270	6.42	6.48	9.46	7.00	7.00	10.00	No	No	No	
		62 5310	6.55	6.44	9.66	7.00	7.00	10.00	No	No	No	
		58 5290	6.46	6.06	9.27	6.50	6.50	9.50	No	No	No	
	11ax160	50 5250	6.16	6.03	9.11	6.50	6.50	9.50	No	No	No	
		52 5260	5.54	6.42	9.01	7.00	7.00	10.00	No	No	No	
		64 5320	6.17	6.04	9.12	7.00	7.00	10.00	No	No	No	
	11ax20(RU26)	50 5300	6.21	6.47	9.35	7.00	7.00	10.00	No	No	No	
		52 5260	5.17	6.06	8.92	7.00	7.00	10.00	No	No	No	
		52 5260	5.80	5.72	9.29	7.00	7.00	10.00	No	No	No	
	11ax20(RU52)	60 5300	5.85	6.07	8.97	7.00	7.00	10.00	No	No	No	
		64 5320	6.01	6.13	9.08	7.00	7.00	10.00	No	No	No	
		52 5260	5.76	6.39	9.10	7.00	7.00	10.00	No	No	No	
	11ax20(RU106)	60 5300	6.51	6.86	9.70	7.00	7.00	10.00	No	No	No	
		64 5320	6.78	6.75	9.78	7.00	7.00	10.00	No	No	No	
		54 5270	6.75	6.51	9.18	7.00	7.00	10.00	No	No	No	
	11ax40(RU26)	62 5310	6.52	6.72	9.63	7.00	7.00	10.00	No	No	No	
		54 5270	6.31	6.74	9.31	7.00	7.00	10.00	No	No	No	
		62 5310	6.22	6.17	9.21	7.00	7.00	10.00	No	No	No	
	11ax40(RU106)	54 5270	6.38	6.80	9.61	7.00	7.00	10.00	No	No	No	
		62 5310	6.73	6.55	9.65	7.00	7.00	10.00	No	No	No	
		54 5270	6.21	6.57	9.40	7.00	7.00	10.00	No	No	No	
	11ax40(RU242)	62 5310	6.93	6.76	9.86	7.00	7.00	10.00	No	No	No	
		58 5290	5.38	6.34	8.90	6.50	6.50	9.50	No	No	No	
		58 5290	5.43	6.46	8.99	6.50	6.50	9.50	No	No	No	
	11ax80(RU26)	58 5290	6.22	6.43	9.34	6.50	6.50	9.50	No	No	No	
		58 5290	6.15	6.15	9.16	6.50	6.50	9.50	No	No	No	
		58 5290	6.26	6.11	9.20	6.50	6.50	9.50	No	No	No	
	11ax80(RU484)	58 5290	6.02	6.45	9.07	6.50	6.50	9.50	No	No	No	
		50 5250	5.63	6.45	9.07	6.50	6.50	9.50	No	No	No	
		50 5250	5.26	6.18	8.75	6.50	6.50	9.50	No	No	No	
	11ax160(RU52)	50 5250	6.02	6.04	9.04	6.50	6.50	9.50	No	No	No	
		50 5250	6.29	6.46	9.39	6.50	6.50	9.50	No	No	No	
		50 5250	6.45	6.17	9.32	6.50	6.50	9.50	No	No	No	
11ax160(RU106)	50 5250	6.35	5.98	9.18	6.50	6.50	9.50	No	No	No		
	50 5250	6.35	5.98	9.18	6.50	6.50	9.50	No	No	No		
	50 5250	6.35	5.98	9.18	6.50	6.50	9.50	No	No	No		

5.8G	11a	100	5500	6.28	5.68	9.00	6.50	6.50	9.50	No	No	No	
		116	5580	6.24	6.00	9.13	6.50	6.50	9.50	No	No	No	
		140	5700	6.11	4.56	8.41	6.50	6.50	9.50	No	No	No	
		144	5720	6.40	6.38	9.40	6.50	6.50	9.50	No	No	No	
		100	5500	6.40	5.48	8.97	6.50	6.50	9.50	No	No	No	
		116	5580	6.24	5.89	9.08	6.50	6.50	9.50	No	No	No	
		140	5700	6.34	4.55	8.50	6.50	6.50	9.50	No	No	No	
		144	5720	6.13	6.07	9.11	6.50	6.50	9.50	No	No	No	
		102	5510	6.09	6.46	9.29	6.50	6.50	9.50	No	No	No	
		118	5590	5.86	6.32	9.11	6.50	6.50	9.50	No	No	No	
		11n40	134	5670	5.84	5.65	8.76	6.50	6.50	9.50	No	No	No
			142	5710	6.16	5.15	8.69	6.50	6.50	9.50	No	No	No
	100		5500	6.11	6.46	9.30	6.50	6.50	9.50	No	No	No	
	116		5580	5.22	5.87	8.57	6.50	6.50	9.50	No	No	No	
	140		5700	6.36	5.88	9.14	6.50	6.50	9.50	No	No	No	
	144		5720	6.33	5.75	9.06	6.50	6.50	9.50	No	No	No	
	102		5510	6.33	5.82	9.09	6.50	6.50	9.50	No	No	No	
	118		5590	6.11	5.37	8.77	6.50	6.50	9.50	No	No	No	
	134		5670	5.99	4.86	8.47	6.50	6.50	9.50	No	No	No	
	142		5710	6.02	5.14	8.61	6.50	6.50	9.50	No	No	No	
	11ax20		106	5530	5.92	5.78	8.86	6.50	6.50	9.50	Yes	Yes	Yes
			122	5610	6.45	6.15	9.31	6.50	6.50	9.50	Yes	Yes	Yes
		138	5690	6.33	5.48	8.94	6.50	6.50	9.50	Yes	Yes	Yes	
		114	5570	5.85	5.31	8.60	6.00	6.00	9.00	No	No	No	
		100	5500	5.88	5.23	8.93	6.50	6.50	9.50	No	No	No	
		116	5580	5.33	6.16	8.78	6.50	6.50	9.50	No	No	No	
		140	5700	6.04	6.08	9.07	6.50	6.50	9.50	No	No	No	
		144	5720	6.20	5.38	8.82	6.50	6.50	9.50	No	No	No	
		102	5510	6.07	6.49	9.30	6.50	6.50	9.50	No	No	No	
		110	5550	6.37	6.40	9.40	6.50	6.50	9.50	No	No	No	
		134	5670	6.30	6.17	9.25	6.50	6.50	9.50	No	No	No	
		11ax40	142	5710	6.03	6.00	9.03	6.50	6.50	9.50	No	No	No
	106		5530	5.88	5.47	8.69	6.00	6.00	9.00	No	No	No	
	122		5610	5.86	5.32	8.67	6.00	6.00	9.00	No	No	No	
	138		5690	5.95	4.88	8.46	6.00	6.00	9.00	No	No	No	
	114		5570	5.47	4.07	7.84	6.00	6.00	9.00	No	No	No	
	100		5500	5.69	5.58	8.75	6.50	6.50	9.50	No	No	No	
	116		5580	6.19	6.19	9.20	6.50	6.50	9.50	No	No	No	
	140		5700	5.63	4.70	8.20	6.50	6.50	9.50	No	No	No	
	106		5530	6.16	5.67	8.33	6.50	6.50	9.50	No	No	No	
	116		5580	5.68	5.94	8.82	6.50	6.50	9.50	No	No	No	
	140		5700	6.27	5.24	8.80	6.50	6.50	9.50	No	No	No	
	11ax80		100	5500	6.12	5.61	9.38	6.50	6.50	9.50	No	No	No
		116	5580	6.31	6.01	9.17	6.50	6.50	9.50	No	No	No	
		140	5700	6.21	4.54	8.47	6.50	6.50	9.50	No	No	No	
		102	5510	6.17	6.41	9.30	6.50	6.50	9.50	No	No	No	
		116	5580	6.38	6.26	9.53	6.50	6.50	9.50	No	No	No	
		134	5670	5.96	4.69	8.38	6.50	6.50	9.50	No	No	No	
		102	5510	5.81	5.83	8.83	6.50	6.50	9.50	No	No	No	
		118	5590	5.84	6.21	9.04	6.50	6.50	9.50	No	No	No	
		134	5670	6.19	4.96	8.83	6.50	6.50	9.50	No	No	No	
		102	5510	5.87	6.00	8.95	6.50	6.50	9.50	No	No	No	
		118	5590	6.26	6.19	9.24	6.50	6.50	9.50	No	No	No	
		134	5670	6.26	4.71	8.56	6.50	6.50	9.50	No	No	No	
	11ax160	102	5510	6.31	5.34	8.86	6.50	6.50	9.50	No	No	No	
		116	5580	6.00	5.43	8.13	6.50	6.50	9.50	No	No	No	
		134	5670	6.17	4.79	8.54	6.50	6.50	9.50	No	No	No	
		106	5530	5.61	5.48	8.56	6.00	6.00	9.00	No	No	No	
		122	5610	5.45	4.81	8.15	6.00	6.00	9.00	No	No	No	
		106	5530	5.43	5.14	8.30	6.00	6.00	9.00	No	No	No	
		122	5610	5.52	5.23	8.39	6.00	6.00	9.00	No	No	No	
		106	5530	5.65	5.70	8.79	6.00	6.00	9.00	No	No	No	
		122	5610	5.49	4.26	7.93	6.00	6.00	9.00	No	No	No	
		106	5530	5.68	4.81	8.28	6.00	6.00	9.00	No	No	No	
		122	5610	5.44	4.64	8.07	6.00	6.00	9.00	No	No	No	
		106	5530	5.63	4.09	7.94	6.00	6.00	9.00	No	No	No	
	11ax200	114	5570	5.63	5.05	8.75	6.00	6.00	9.00	No	No	No	
		114	5570	5.91	5.86	8.90	6.00	6.00	9.00	No	No	No	
		114	5570	5.52	5.36	8.45	6.00	6.00	9.00	No	No	No	
		114	5570	5.99	5.64	8.83	6.00	6.00	9.00	No	No	No	
		114	5570	5.86	5.25	8.58	6.00	6.00	9.00	No	No	No	
		114	5570	5.62	5.11	8.38	6.00	6.00	9.00	No	No	No	
		144	5720	6.46	4.65	8.66	6.50	6.50	9.50	No	No	No	
		144	5720	6.34	4.72	8.62	6.50	6.50	9.50	No	No	No	
		144	5720	6.32	4.69	8.59	6.50	6.50	9.50	No	No	No	
		142	5710	6.36	5.01	8.75	6.50	6.50	9.50	No	No	No	
		142	5710	6.14	4.90	8.57	6.50	6.50	9.50	No	No	No	
		142	5710	6.22	6.35	9.30	6.50	6.50	9.50	No	No	No	
	11ax400	142	5710	6.32	5.53	8.95	6.50	6.50	9.50	No	No	No	
		138	5690	5.41	4.28	7.89	6.00	6.00	9.00	No	No	No	
		138	5690	5.70	4.78	8.27	6.00	6.00	9.00	No	No	No	
		138	5690	5.91	5.92	8.93	6.00	6.00	9.00	No	No	No	
		138	5690	5.84	5.40	8.64	6.00	6.00	9.00	No	No	No	
		138	5690	5.88	4.93	8.44	6.00	6.00	9.00	No	No	No	
		149	5745	5.66	5.78	8.73	6.00	6.00	9.00	No	No	No	
		157	5785	5.55	5.60	8.59	6.00	6.00	9.00	No	No	No	
		165	5825	5.75	5.81	8.79	6.00	6.00	9.00	No	No	No	
		149	5745	5.75	5.65	8.71	6.00	6.00	9.00	No	No	No	
		157	5785	5.55	5.07	8.33	6.00	6.00	9.00	No	No	No	
		165	5825	5.78	5.23	8.77	6.00	6.00	9.00	No	No	No	
	11ax800	151	5755	5.76	4.84	8.33	6.00	6.00	9.00	No	No	No	
		159	5795	5.64	5.36	8.51	6.00	6.00	9.00	No	No	No	
		149	5745	5.78	4.11	8.04	6.00	6.00	9.00	No	No	No	
		157	5785	5.94	4.37	8.24	6.00	6.00	9.00	No	No	No	
		165	5825	5.36	4.09	7.78	6.00	6.00	9.00	No	No	No	
		151	5755	5.61	4.70	8.19	6.00	6.00	9.00	No	No	No	
		159	5795	5.86	5.18	8.54	6.00	6.00	9.00	No	No	No	
		155	5775	5.63	5.45	8.55	6.00	6.00	9.00	Yes	Yes	Yes	
		149	5745	5.26	4.68	7.99	6.00	6.00	9.00	No	No	No	
		157	5785	5.32	4.63	8.00	6.00	6.00	9.00	No	No	No	
		165	5825	5.19	4.64	7.93	6.00	6.00	9.00	No	No	No	
		151	5755	5.18	4.84	8.02	6.00	6.00	9.00	No	No	No	
5.8G	11a	159	5795	5.37	5.08	8.24	6.00	6.00	9.00	No	No	No	
		155	5775	5.36	4.95	8.17	5.50	5.50	8.50	No	No	No	
		149	5745	5.75	4.89	8.35	6.00	6.00	9.00	No	No	No	
		157	5785	5.75	4.90	8.30	6.00	6.00	9.00	No	No	No	
		165	5825	5.75	4.49	8.18	6.00	6.00	9.00	No	No	No	
		149	5745	5.74	5.87	8.82	6.00	6.00	9.00	No	No	No	
		157	5785	5.61	5.80	8.67	6.00	6.00	9.00	No	No	No	
		165	5825	5.92	5.07	8.53	6.00	6.00	9.00	No	No	No	
		149	5745	5.63	5.73	8.69	6.00	6.00	9.00	No	No	No	
		151	5785	5.71	5.61	8.67	6.00	6.00	9.00	No	No	No	
	11ax20	165	5825	5.53	4.79	8.19	6.00	6.00	9.00	No	No	No	
		149	5745	5.26	4.68	7.99	6.00	6.00	9.00	No	No	No	
157		5785	5.35	4.67	8.14	6.00	6.00	9.00	No	No	No		
151		5755	5.81	5.62	8.60	6.00	6.00	9.00	No	No	No		
159		5795	5.64	4.74	8.22	6.00	6.00	9.00	No	No	No		
151		5755	5.90	5.29	8.62	6.00	6.00	9.00	No	No	No		
159		5795	5.76	4.54	8.20	6.00	6.00	9.00	No	No	No		
151		5755	5.73	5.13	8.45	6.00	6.00	9.00	No	No	No		
159		5795	5.52	4.37	7.99	6.00	6.00	9.00	No	No	No		
149		5745	5.94	4.90	8.50	6.00	6.00	9.00	No	No	No		
155		5775	5.30	4.87	8.10	5.50	5.50	8.50	No	No	No		
11ax400		114	5570	5.36	4.65	8.03	5.50	5.50	8.50	No	No	No	
	155	5775	5.21	4.76	8.00	5.50	5.50	8.50	No	No	No		
	155	5775	5.24	4.34	7.82	5.50	5.50	8.50	No	No	No		
	155	5775	5.38	4.63	8.00	5.50	5.50	8.50	No	No	No		
	155	5775	5.32	4.37	7.99	6.00	6.00	9.00	No	No	No		
	155	5775	5.34	4.34	7.99	6.00	6.00	9.00	No	No	No		
	155	5775	5.30	4.87	8.10	5.50	5.50	8.50	No	No	No		
	155	5775	5.38	4.65	8.03	5.50	5.50	8.50	No	No	No		
	155	5775	5.21	4.76	8.00	5.50	5.50	8.50	No	No	No		
	155	5775	5.24	4.34	7.82	5.50	5.50	8.50	No	No	No		
	155	5775	5.32	4.37	7.99	6.00	6.00	9.00	No	No	No		
	155	5775	5.34	4.34	7.99	6.00	6.00	9.00	No	No	No		

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum tune-up output power, the test configuration is determined by applying the following steps sequentially.

- 1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum tune-up output power.

Mode	Channel	Frequency	WRCG Channel set										SAR Test	SAR Test	SAR Test
			WRCG	WRCG	WRCG	WRCG	WRCG	WRCG	WRCG	WRCG	WRCG	WRCG			
11x20	1	8050	3.15	3.47	3.89	4.31	4.73	5.15	5.57	5.99	6.41	Yes	Yes	Yes	
	31	8410	2.85	3.17	3.59	4.01	4.43	4.85	5.27	5.69	6.11	Yes	Yes	Yes	
	61	8770	2.55	2.87	3.29	3.71	4.13	4.55	4.97	5.39	5.81	Yes	Yes	Yes	
	91	9130	2.25	2.57	2.99	3.41	3.83	4.25	4.67	5.09	5.51	Yes	Yes	Yes	
	121	9490	1.95	2.27	2.69	3.11	3.53	3.95	4.37	4.79	5.21	Yes	Yes	Yes	
	151	9850	1.65	1.97	2.39	2.81	3.23	3.65	4.07	4.49	4.91	Yes	Yes	Yes	
	181	10210	1.35	1.67	2.09	2.51	2.93	3.35	3.77	4.19	4.61	Yes	Yes	Yes	
	211	10570	1.05	1.37	1.79	2.21	2.63	3.05	3.47	3.89	4.31	Yes	Yes	Yes	
	241	10930	0.75	1.07	1.49	1.91	2.33	2.75	3.17	3.59	4.01	Yes	Yes	Yes	
	271	11290	0.45	0.77	1.19	1.61	2.03	2.45	2.87	3.29	3.71	Yes	Yes	Yes	
11x40	41	8330	3.33	3.75	4.17	4.59	5.01	5.43	5.85	6.27	6.69	Yes	Yes	Yes	
	71	8690	3.03	3.45	3.87	4.29	4.71	5.13	5.55	5.97	6.39	Yes	Yes	Yes	
	101	9050	2.73	3.15	3.57	3.99	4.41	4.83	5.25	5.67	6.09	Yes	Yes	Yes	
	131	9410	2.43	2.85	3.27	3.69	4.11	4.53	4.95	5.37	5.79	Yes	Yes	Yes	
	161	9770	2.13	2.55	2.97	3.39	3.81	4.23	4.65	5.07	5.49	Yes	Yes	Yes	
	191	10130	1.83	2.25	2.67	3.09	3.51	3.93	4.35	4.77	5.19	Yes	Yes	Yes	
	221	10490	1.53	1.95	2.37	2.79	3.21	3.63	4.05	4.47	4.89	Yes	Yes	Yes	
	251	10850	1.23	1.65	2.07	2.49	2.91	3.33	3.75	4.17	4.59	Yes	Yes	Yes	
	281	11210	0.93	1.35	1.77	2.19	2.61	3.03	3.45	3.87	4.29	Yes	Yes	Yes	
	311	11570	0.63	1.05	1.47	1.89	2.31	2.73	3.15	3.57	3.99	Yes	Yes	Yes	
11x80	61	8670	3.51	4.11	4.71	5.31	5.91	6.51	7.11	7.71	8.31	Yes	Yes	Yes	
	91	9030	3.21	3.81	4.41	5.01	5.61	6.21	6.81	7.41	8.01	Yes	Yes	Yes	
	121	9390	2.91	3.51	4.11	4.71	5.31	5.91	6.51	7.11	7.71	Yes	Yes	Yes	
	151	9750	2.61	3.21	3.81	4.41	5.01	5.61	6.21	6.81	7.41	Yes	Yes	Yes	
	181	10110	2.31	2.91	3.51	4.11	4.71	5.31	5.91	6.51	7.11	Yes	Yes	Yes	
	211	10470	2.01	2.61	3.21	3.81	4.41	5.01	5.61	6.21	6.81	Yes	Yes	Yes	
	241	10830	1.71	2.31	2.91	3.51	4.11	4.71	5.31	5.91	6.51	Yes	Yes	Yes	
	271	11190	1.41	2.01	2.61	3.21	3.81	4.41	5.01	5.61	6.21	Yes	Yes	Yes	
	301	11550	1.11	1.71	2.31	2.91	3.51	4.11	4.71	5.31	5.91	Yes	Yes	Yes	
	331	11910	0.81	1.41	2.01	2.61	3.21	3.81	4.41	5.01	5.61	Yes	Yes	Yes	
11x160	121	9390	3.00	3.45	3.90	4.35	4.80	5.25	5.70	6.15	6.60	Yes	Yes	Yes	
	151	9750	2.70	3.15	3.60	4.05	4.50	4.95	5.40	5.85	6.30	Yes	Yes	Yes	
	181	10110	2.40	2.85	3.30	3.75	4.20	4.65	5.10	5.55	6.00	Yes	Yes	Yes	
	211	10470	2.10	2.55	3.00	3.45	3.90	4.35	4.80	5.25	5.70	Yes	Yes	Yes	
	241	10830	1.80	2.25	2.70	3.15	3.60	4.05	4.50	4.95	5.40	Yes	Yes	Yes	
	271	11190	1.50	1.95	2.40	2.85	3.30	3.75	4.20	4.65	5.10	Yes	Yes	Yes	
	301	11550	1.20	1.65	2.10	2.55	3.00	3.45	3.90	4.35	4.80	Yes	Yes	Yes	
	331	11910	0.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50	Yes	Yes	Yes	
	361	12270	0.60	1.05	1.50	1.95	2.40	2.85	3.30	3.75	4.20	Yes	Yes	Yes	
	391	12630	0.30	0.75	1.20	1.65	2.10	2.55	3.00	3.45	3.90	Yes	Yes	Yes	
11x320	241	10830	3.00	3.45	3.90	4.35	4.80	5.25	5.70	6.15	6.60	Yes	Yes	Yes	
	271	11190	2.70	3.15	3.60	4.05	4.50	4.95	5.40	5.85	6.30	Yes	Yes	Yes	
	301	11550	2.40	2.85	3.30	3.75	4.20	4.65	5.10	5.55	6.00	Yes	Yes	Yes	
	331	11910	2.10	2.55	3.00	3.45	3.90	4.35	4.80	5.25	5.70	Yes	Yes	Yes	
	361	12270	1.80	2.25	2.70	3.15	3.60	4.05	4.50	4.95	5.40	Yes	Yes	Yes	
	391	12630	1.50	1.95	2.40	2.85	3.30	3.75	4.20	4.65	5.10	Yes	Yes	Yes	
	421	13000	1.20	1.65	2.10	2.55	3.00	3.45	3.90	4.35	4.80	Yes	Yes	Yes	
	451	13360	0.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50	Yes	Yes	Yes	
	481	13720	0.60	1.05	1.50	1.95	2.40	2.85	3.30	3.75	4.20	Yes	Yes	Yes	
	511	14080	0.30	0.75	1.20	1.65	2.10	2.55	3.00	3.45	3.90	Yes	Yes	Yes	
11x640	121	9390	3.00	3.45	3.90	4.35	4.80	5.25	5.70	6.15	6.60	Yes	Yes	Yes	
	151	9750	2.70	3.15	3.60	4.05	4.50	4.95	5.40	5.85	6.30	Yes	Yes	Yes	
	181	10110	2.40	2.85	3.30	3.75	4.20	4.65	5.10	5.55	6.00	Yes	Yes	Yes	
	211	10470	2.10	2.55	3.00	3.45	3.90	4.35	4.80	5.25	5.70	Yes	Yes	Yes	
	241	10830	1.80	2.25	2.70	3.15	3.60	4.05	4.50	4.95	5.40	Yes	Yes	Yes	
	271	11190	1.50	1.95	2.40	2.85	3.30	3.75	4.20	4.65	5.10	Yes	Yes	Yes	
	301	11550	1.20	1.65	2.10	2.55	3.00	3.45	3.90	4.35	4.80	Yes	Yes	Yes	
	331	11910	0.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50	Yes	Yes	Yes	
	361	12270	0.60	1.05	1.50	1.95	2.40	2.85	3.30	3.75	4.20	Yes	Yes	Yes	
	391	12630	0.30	0.75	1.20	1.65	2.10	2.55	3.00	3.45	3.90	Yes	Yes	Yes	
11x1280	241	10830	3.00	3.45	3.90	4.35	4.80	5.25	5.70	6.15	6.60	Yes	Yes	Yes	
	271	11190	2.70	3.15	3.60	4.05	4.50	4.95	5.40	5.85	6.30	Yes	Yes	Yes	
	301	11550	2.40	2.85	3.30	3.75	4.20	4.65	5.10	5.55	6.00	Yes	Yes	Yes	
	331	11910	2.10	2.55	3.00	3.45	3.90	4.35	4.80	5.25	5.70	Yes	Yes	Yes	
	361	12270	1.80	2.25	2.70	3.15	3.60	4.05	4.50	4.95	5.40	Yes	Yes	Yes	
	391	12630	1.50	1.95	2.40	2.85	3.30	3.75	4.20	4.65	5.10	Yes	Yes	Yes	
	421	13000	1.20	1.65	2.10	2.55	3.00	3.45	3.90	4.35	4.80	Yes	Yes	Yes	
	451	13360	0.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50	Yes	Yes	Yes	
	481	13720	0.60	1.05	1.50	1.95	2.40	2.85	3.30	3.75	4.20	Yes	Yes	Yes	
	511	14080	0.30	0.75	1.20	1.65	2.10	2.55	3.00	3.45	3.90	Yes	Yes	Yes	
11x2560	121	9390	3.00	3.45	3.90	4.35	4.80	5.25	5.70	6.15	6.60	Yes	Yes	Yes	
	151	9750	2.70	3.15	3.60	4.05	4.50	4.95	5.40	5.85	6.30	Yes	Yes	Yes	
	181	10110	2.40	2.85	3.30	3.75	4.20	4.65	5.10	5.55	6.00	Yes	Yes	Yes	
	211	10470	2.10	2.55	3.00	3.45	3.90	4.35	4.80	5.25	5.70	Yes	Yes	Yes	
	241	10830	1.80	2.25	2.70	3.15	3.60	4.05	4.50	4.95	5.40	Yes	Yes	Yes	
	271	11190	1.50	1.95	2.40	2.85	3.30	3.75	4.20	4.65	5.10	Yes	Yes	Yes	
	301	11550	1.20	1.65	2.10	2.55	3.00	3.45	3.90	4.35	4.80	Yes	Yes	Yes	
	331	11910	0.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50	Yes	Yes	Yes	
	361	12270	0.60	1.05	1.50	1.95	2.40	2.85	3.30	3.75	4.20	Yes	Yes	Yes	
	391	12630	0.30	0.75	1.20	1.65	2.10	2.55	3.00	3.45	3.90	Yes	Yes	Yes	
11x5120	241	10830	3.00	3.45	3.90	4.35	4.80	5.25	5.70	6.15	6.60	Yes	Yes	Yes	
	271	11190	2.70	3.15	3.60	4.05	4.50	4.95	5.40	5.85	6.30	Yes	Yes	Yes	
	301	11550	2.40	2.85	3.30	3.75	4.20	4.65	5.10	5.55	6.00	Yes	Yes	Yes	
	331	11910	2.10	2.55	3.00	3.45	3.90	4.35	4.80	5.25	5.70	Yes	Yes	Yes	
	361	12270	1.80	2.25	2.70	3.15	3.60	4.05	4.50	4.95	5.40	Yes	Yes	Yes	
	391	12630	1.50	1.95	2.40	2.85	3.30	3.75	4.20	4.65	5.10	Yes	Yes	Yes	
	421	13000	1.20	1.65	2.10	2.55	3.00	3.45	3.90	4.35	4.80	Yes	Yes	Yes	
	451	13360	0.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50	Yes	Yes	Yes	
	481	13720	0.60	1.05	1.50	1.95	2.40	2.85	3.30	3.75	4.20	Yes	Yes	Yes	
	511	14080	0.30	0.75	1.20	1.65	2.10	2.55	3.00	3.45	3.90	Yes	Yes	Yes	
11x10240	121	9390	3.00	3.45	3.90	4.35	4.80	5.25	5.70	6.15	6.60	Yes	Yes	Yes	
	151	9750	2.70	3.15	3.60	4.05	4.50	4.95	5.40	5.85	6.30	Yes	Yes	Yes	
	181	10110	2.40	2.85	3.30	3.75	4.20	4.65	5.10	5.55	6.00	Yes	Yes	Yes	
	211	10470	2.10	2.55	3.00	3.45	3.90	4.35	4.80	5.25	5.70	Yes	Yes	Yes	
	241	10830	1.80	2.25	2.70	3.15	3.60	4.05	4.50	4.95	5.40	Yes	Yes	Yes	
	271	11190	1.50	1.95	2.40	2.85	3.30	3.75	4.20	4.65	5.10	Yes	Yes	Yes	
	301	11550	1.20	1.65	2.10	2.55	3.00	3.45	3.90	4.35	4.80	Yes	Yes	Yes	
	331	11910	0.90	1.35	1.80	2.25	2.70	3.15	3.60	4.05	4.50	Yes	Yes	Yes	
	361	12270	0.60	1.05	1.50	1.95	2.40	2.85	3.30	3.75	4.20	Yes	Yes	Yes	
	391	12630	0.30	0.75	1.20	1.65	2.10	2.55	3.00	3.45	3.90	Yes	Yes	Yes	

8.3 Bluetooth

8.3.1 Bluetooth Output Power

Bluetooth-Sensor-Off												
Test Mode	Modulation	Channel number	Frequency(MHz)	AV power (dBm) ANT1	AV power (dBm) ANT2	AV power (dBm) MIMO	Tune up (dBm))	Tune up (dBm))	Tune up (dBm))	SAR Test		
BT	DH5	0	2402	11.91	12.62	15.29	13.50	13.50	16.50	Yes	Yes	Yes
		39	2441	12.92	13.06	16.00	14.50	14.50	17.50	Yes	Yes	Yes
		78	2480	11.89	12.02	14.97	13.50	13.50	16.50	Yes	Yes	Yes
	2DH5	0	2402	9.06	9.52	12.30	11.00	11.00	14.00	No	No	No
		39	2441	9.88	10.00	12.95	11.00	11.00	14.00	No	No	No
		78	2480	8.78	9.04	11.92	10.50	10.50	13.50	No	No	No
	3DH5	0	2402	8.69	9.65	12.21	10.50	10.50	13.50	No	No	No
		39	2441	9.81	10.17	13.00	11.00	11.00	14.00	No	No	No
		78	2480	8.62	8.71	11.68	10.50	10.50	13.50	No	No	No
	BLE-1M	0	2402	11.19	12.85	15.11	13.00	13.00	16.00	No	No	No
		19	2440	11.80	13.23	15.58	13.50	13.50	16.50	No	No	No
		39	2480	10.81	12.08	14.50	12.50	12.50	15.50	No	No	No
	BLE-2M	1	2404	11.56	13.04	15.37	13.50	13.50	16.50	No	No	No
		19	2440	12.08	13.16	15.66	13.50	13.50	16.50	No	No	No
		38	2478	11.31	12.46	14.93	13.00	13.00	16.00	No	No	No

Note: Since bluetooth BR mode is the maximum output power mode, SAR measurements were performed with test software using DH5 modulation, and SAR measurement is not required for the EDR and LE. When the secondary mode is $\pm 1/4$ dB higher than the primary mode.

Bluetooth-Sensor-On												
Test Mode	Modulation	Channel number	Frequency(MHz)	AV power (dBm)	AV power (dBm)	AV power (dBm)	Tune up (dBm)	Tune up (dBm)	Tune up (dBm)	SAR Test		
				ANT1	ANT2	MIMO	ANT1	ANT2	MIMO	ANT1	ANT2	MIMO
BT	DH5	0	2402	3.56	3.29	6.44	4.00	4.00	7.00	Yes	Yes	Yes
		39	2441	3.67	3.32	6.51	4.00	4.00	7.00	Yes	Yes	Yes
		78	2480	3.55	3.18	6.38	4.00	4.00	7.00	Yes	Yes	Yes
	2DH5	0	2402	3.33	3.20	6.28	4.00	4.00	7.00	No	No	No
		39	2441	3.53	3.48	6.52	4.00	4.00	7.00	No	No	No
		78	2480	3.58	3.36	6.48	4.00	4.00	7.00	No	No	No
	3DH5	0	2402	3.32	3.37	6.36	4.00	4.00	7.00	No	No	No
		39	2441	3.55	3.23	6.40	4.00	4.00	7.00	No	No	No
		78	2480	3.33	3.45	6.40	4.00	4.00	7.00	No	No	No
	BLE-1M	0	2402	3.55	3.35	6.46	4.00	4.00	7.00	No	No	No
		19	2440	3.51	3.58	6.56	4.00	4.00	7.00	No	No	No
		39	2480	3.25	3.42	6.35	4.00	4.00	7.00	No	No	No
	BLE-2M	1	2404	3.60	3.39	6.51	4.00	4.00	7.00	No	No	No
		19	2440	3.30	3.30	6.31	4.00	4.00	7.00	No	No	No
		38	2478	3.29	3.56	6.44	4.00	4.00	7.00	No	No	No

Note: Since bluetooth BR mode is the maximum output power mode, SAR measurements were performed with test software using DH5 modulation, and SAR measurement is not required for the EDR and LE. When the secondary mode is ≤ 4 dB higher than the primary mode.

8.3.2 Bluetooth Duty cycle

The Bluetooth duty cycle is 76.53% as following figure, according to 2016 Oct. TCB workshop for Bluetooth SAR scaling need further consideration and the maximum duty cycle is 100%, therefore the actual duty cycle will be scaled up to 100% for Bluetooth reported SAR calculation.

Duty Cycle

