

Appendix G. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	16.87
	6	2437	16.91
	11	2462	16.98
	12	2467	16.87
	13	2472	15.21

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	16.97
	6	2437	16.91
	11	2462	16.88
	12	2467	16.89
	13	2472	15.41

WLAN Conducted Power (Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	1	2412	16.44	16.42	19.44
	6	2437	16.39	16.94	19.68
	11	2462	15.69	15.74	18.73
	12	2467	11.71	11.69	14.71
	13	2472	8.47	8.46	11.48

WLAN Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	9.79
	39	2441	9.57
	78	2480	9.44
LE	0	2402	6.76
	19	2440	6.8
	39	2480	6.91

WLAN Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	54	5270	11.98
	62	5310	11.94

WLAN Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	54	5270	11.94
	62	5310	11.88

WLAN Conducted Power (Full)					
WLAN 5.2GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	38	5190	11.83	11.91	14.88
	46	5230	11.92	11.99	14.97

WLAN Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	106	5530	11.89
	122	5610	11.91
	138	5690	11.94

WLAN Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	106	5530	11.87
	122	5610	11.94
	138	5690	11.98

WLAN Conducted Power (Full)					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	102	5510	11.04	11.37	14.22
	110	5550	11.14	11.47	14.32
	118	5590	11.01	11.33	14.18
	126	5630	10.79	11.14	13.98
	134	5670	10.29	11.07	13.71
	142	5710	10.26	11.04	13.68

WLAN Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	151	5755	11.43
	159	5795	11.48

WLAN Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	151	5755	11.48
	159	5795	11.42

WLAN Conducted Power (Full)					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	151	5755	11.47	11.49	14.49
	159	5795	11.43	11.44	14.45

WLAN Conducted Power (Full)			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	15	6025	13.45
	47	6185	13.46
	79	6345	13.48

WLAN Conducted Power (Full)			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	15	6025	13.43
	47	6185	13.41
	79	6345	13.47

WLAN Conducted Power (Full)					
UNII-5 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	15	6025	10.46	10.45	13.47
	47	6185	10.47	10.46	13.48
	79	6345	10.49	10.46	13.49

WLAN Conducted Power (Full)			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	111	6505	13.41

WLAN Conducted Power (Full)			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	111	6505	13.46

WLAN Conducted Power (Full)					
UNII-6 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	111	6505	10.47	10.47	13.48

WLAN Conducted Power (Full)			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	143	6665	12.71
	175	6825	12.72

WLAN Conducted Power (Full)			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	143	6665	12.71
	175	6825	12.73

WLAN Conducted Power (Full)					
UNII-7 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	143	6665	9.71	9.72	12.73
	175	6825	9.73	9.73	12.74

WLAN Conducted Power (Full)			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	207	6985	12.73

WLAN Conducted Power (Full)			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	207	6985	12.73

WLAN Conducted Power (Full)					
UNII-8 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	207	6985	9.72	9.73	12.74