



REPORT No.: SZ24090147S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Power	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 54Mbps	CH 36	5180	18.05	17.00	14.00
		CH 44	5220	18.56	17.00	14.00
		CH 48	5260	18.54	17.00	14.00
	802.11a HT20 MCS0	CH 36	5180	18.05	17.00	14.00
		CH 44	5220	18.30	17.00	14.00
		CH 48	5240	18.10	17.00	14.00
	802.11a HT40 MCS0	CH 36	5180	18.04	17.00	14.00
		CH 48	5230	18.05	17.00	14.00
		CH 46	5250	18.05	17.00	14.00
	802.11a HT20 MCS5	CH 36	5180	18.42	17.00	14.00
		CH 44	5220	18.23	17.00	14.00
		CH 48	5240	18.10	17.00	14.00
	802.11a HT40 MCS5	CH 36	5180	18.04	17.00	14.00
		CH 48	5230	18.05	17.00	14.00
		CH 46	5250	18.05	17.00	14.00
	802.11a HT20 MCS10	CH 36	5180	18.60	17.00	14.00
		CH 44	5220	18.05	17.00	14.00
		CH 48	5240	18.10	17.00	14.00
	802.11a HT40 MCS10	CH 36	5180	18.04	17.00	14.00
		CH 48	5230	18.05	17.00	14.00
		CH 46	5250	18.05	17.00	14.00

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Power	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 54Mbps	CH 140	5745	18.22	17.00	14.00
		CH 137	5785	18.13	17.00	14.00
		CH 133	5825	18.11	17.00	14.00
	802.11a HT20 MCS0	CH 140	5745	18.87	16.00	14.00
		CH 137	5785	18.00	16.00	14.00
		CH 133	5825	18.74	16.00	14.00
	802.11a HT40 MCS0	CH 131	5755	18.00	16.00	14.00
		CH 139	5795	18.18	16.00	14.00
		CH 146	5745	18.06	16.00	14.00
	802.11a HT20 MCS5	CH 137	5785	18.71	16.00	14.00
		CH 133	5825	18.77	16.00	14.00
		CH 131	5755	18.41	16.00	14.00
	802.11a HT40 MCS5	CH 139	5795	18.13	16.00	14.00
		CH 146	5745	18.06	16.00	14.00
		CH 137	5785	18.71	16.00	14.00
	802.11a HT20 MCS10	CH 137	5785	18.05	17.00	14.00
		CH 133	5825	18.05	17.00	14.00
		CH 131	5755	18.05	17.00	14.00
	802.11a HT40 MCS10	CH 139	5795	18.05	17.00	14.00
		CH 146	5745	18.05	17.00	14.00
		CH 137	5785	18.05	17.00	14.00

5.2GHz WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Power	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 2	802.11a 54Mbps	CH 36	5180	15.08	16.00	14.00
		CH 44	5220	15.14	16.00	14.00
		CH 48	5240	15.07	16.00	14.00
	802.11a HT20 MCS0	CH 36	5180	14.55	15.00	14.00
		CH 44	5220	14.70	15.00	14.00
		CH 48	5240	14.55	15.00	14.00
	802.11a HT40 MCS0	CH 36	5180	14.84	15.00	14.00
		CH 48	5230	14.52	15.00	14.00
		CH 46	5250	14.52	15.00	14.00
	802.11a HT20 MCS5	CH 36	5180	14.71	15.00	14.00
		CH 44	5220	14.86	15.00	14.00
		CH 48	5240	14.72	15.00	14.00
	802.11a HT40 MCS5	CH 36	5180	14.84	15.00	14.00
		CH 48	5230	14.52	15.00	14.00
		CH 46	5250	14.52	15.00	14.00
	802.11a HT20 MCS10	CH 36	5180	14.71	15.00	14.00
		CH 44	5220	14.86	15.00	14.00
		CH 48	5240	14.72	15.00	14.00
	802.11a HT40 MCS10	CH 36	5180	14.76	15.00	14.00
		CH 44	5220	14.81	15.00	14.00
		CH 48	5240	14.51	15.00	14.00
	802.11a HEW20 MCS0	CH 36	5180	14.84	15.00	14.00
		CH 48	5230	14.55	15.00	14.00
		CH 46	5250	14.55	15.00	14.00
	802.11a HEW40 MCS0	CH 36	5180	14.84	15.00	14.00
		CH 48	5230	14.55	15.00	14.00
		CH 46	5250	14.55	15.00	14.00

5.8 WLAN ANT 2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Power	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 2	802.11a 54Mbps	CH 140	5745	15.29	16.00	14.00
		CH 137	5785	15.43	16.00	14.00
		CH 133	5825	15.31	16.00	14.00
	802.11a HT20 MCS0	CH 140	5745	14.82	16.00	14.00
		CH 137	5785	15.16	16.00	14.00
		CH 133	5825	15.15	16.00	14.00
	802.11a HT40 MCS0	CH 131	5755	15.21	16.00	14.00
		CH 139	5795	15.08	16.00	14.00
		CH 146	5745	15.20	16.00	14.00
	802.11a HT20 MCS5	CH 137	5785	15.15	16.00	14.00
		CH 133	5825	15.21	16.00	14.00
		CH 131	5755	15.20	16.00	14.00
	802.11a HT40 MCS5	CH 139	5795	15.07	16.00	14.00
		CH 146	5745	15.20	16.00	14.00
		CH 137	5785	15.15	16.00	14.00
	802.11a HT20 MCS10	CH 137	5785	15.36	16.00	14.00
		CH 133	5825	15.20	16.00	14.00
		CH 131	5755	15.36	16.00	14.00
	802.11a HEW40 MCS0	CH 139	5795	15.36	16.00	14.00
		CH 146	5745	15.35	16.00	14.00
		CH 137	5785	15.37	16.00	14.00

5.2GHz WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Power	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1+2	802.11a 54Mbps	CH 36	5180	N/A	N/A	N/A
		CH 44	5220	N/A	N/A	N/A
		CH 48	5240	N/A	N/A	N/A
	802.11a HT20 MCS0	CH 36	5180	17.01	16.00	12.00
		CH 44	5220	16.94	16.00	12.00
		CH 48	5240	16.80	16.00	12.00
	802.11a HT40 MCS0	CH 36	5180	16.70	16.00	12.00
		CH 48	5230	16.55	16.00	12.00
		CH 46	5250	16.55	16.00	12.00
	802.11a HT20 MCS5	CH 36	5180	16.88	16.00	12.00
		CH 44	5220	16.82	16.00	12.00
		CH 48	5240	16.69	16.00	12.00
	802.11a HT40 MCS5	CH 36	5180	16.80	16.00	12.00
		CH 48	5230	16.45	16.00	12.00
		CH 46	5250	16.45	16.00	12.00
	802.11a HT20 MCS10	CH 36	5180	17.00	16.00	12.00
		CH 44	5220	16.93	16.00	12.00
		CH 48	5240	16.80	16.00	12.00
	802.11a HEW20 MCS0	CH 36	5180	16.80	16.00	12.00
		CH 48	5230	16.45	16.00	12.00
		CH 46	5250	16.45	16.00	12.00
	802.11a HEW40 MCS0	CH 36	5180	16.80	16.00	12.00
		CH 48	5230	16.45	16.00	12.00
		CH 46	5250	16.45	16.00	12.00

5.8 WLAN ANT 1+2

Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Power	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1+2	802.11a 54Mbps	CH 140	5745	N/A	N/A	N/A
		CH 137	5785	N/A	N/A	N/A
		CH 133	5825	N/A	N/A	N/A
	802.11a HT20 MCS0	CH 140	5745	17.02	16.00	12.00
		CH 137	5785	17.11	16.00	12.00
		CH 133	5825	17.11	16.00	12.00
	802.11a HT40 MCS0	CH 131	5755	16.86	16.00	12.00
		CH 139	5795	16.82	16.00	12.00
		CH 146	5745	16.84	16.00	12.00
	802.11a HT20 MCS5	CH 137	5785	16.80	16.00	12.00
		CH 133	5825	16.82	16.00	12.00
		CH 131	5755	16.36	17.00	12.00
	802.11a HT40 MCS5	CH 139	5795	16.23	17.00	12.00
		CH 146	5745	16.26	16.00	12.00
		CH 137	5785	16.80	16.00	12.00
	802.11a HEW20 MCS0	CH 137	5785	17.15	16.00	12.00
		CH 133	5825	17.16	16.00	12.00
		CH 131	5755	16.71	17.00	12.00
	802.11a HEW40 MCS0	CH 139	5795	16.52	17.00	12.00
		CH 146	5745	16.52	17.00	12.00
		CH 137	5785	16.52	17.00	12.00