

4.5 GHz WLAN_Ant 1_Split Power State An

SIT 1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	1	5180	17.75	18.00	Not Required
	6	5240	17.75	18.00	Not Required
	11	5300	17.75	18.00	Not Required
	16	5360	17.75	18.00	Not Required
	18	5400	17.75	18.00	Not Required
802.11g WLAN	4	5210	Not Required	18.00	Not Required
	9	5270	Not Required	18.00	Not Required
	13	5330	Not Required	18.00	Not Required
	17	5390	Not Required	18.00	Not Required
	20	5450	Not Required	18.00	Not Required
802.11n 40MHz MCS9	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS10	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required

4.5 GHz WLAN_Ant 1_Split Power State An

SIT 1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS9	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS10	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS11	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required

4.5 GHz WLAN_Ant 1_Split Power State An

SIT 1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS9	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS10	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS11	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required
802.11n 40MHz MCS12	1	5180	Not Required	17.75	Not Required
	6	5240	Not Required	17.75	Not Required
	11	5300	Not Required	17.75	Not Required
	16	5360	Not Required	17.75	Not Required
	18	5400	Not Required	17.75	Not Required

4.4GHz WLAN_Ant 1_SRP11 Power State B1

SR1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	Antenna Gain (dBi)
802.11a WLAN	1	5180	15.50	15.50	0dB
	6	5260	15.50	15.50	0dB
	11	5340	15.50	15.50	0dB
	16	5420	15.50	15.50	0dB
802.11g WLAN	1	5180	15.50	15.50	0dB
	6	5260	15.50	15.50	0dB
	11	5340	15.50	15.50	0dB
	16	5420	15.50	15.50	0dB
802.11n WLAN	1	5180	15.50	15.50	0dB
	6	5260	15.50	15.50	0dB
	11	5340	15.50	15.50	0dB
	16	5420	15.50	15.50	0dB
802.11ac WLAN	1	5180	15.50	15.50	0dB
	6	5260	15.50	15.50	0dB
	11	5340	15.50	15.50	0dB
	16	5420	15.50	15.50	0dB
802.11ax WLAN	1	5180	15.50	15.50	0dB
	6	5260	15.50	15.50	0dB
	11	5340	15.50	15.50	0dB
	16	5420	15.50	15.50	0dB

4.5GHz WLAN_Ant 1_SRP11 Power State B1

SR1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	Antenna Gain (dBi)
802.11a WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11n WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11ac WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11ax WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11be WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB

4.5GHz WLAN_Ant 1_SRP11 Power State B1

SR1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	Antenna Gain (dBi)
802.11a WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11n WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11ac WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11ax WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11be WLAN	36	5795	15.50	15.50	0dB
	40	5805	15.50	15.50	0dB
	44	5820	15.50	15.50	0dB
	48	5835	15.50	15.50	0dB
802.11b WLAN	1	2412	15.50	15.50	0dB
	2	2424	15.50	15.50	0dB
	3	2436	15.50	15.50	0dB
	4	2448	15.50	15.50	0dB
802.11g WLAN	1	2412	15.50	15.50	0dB
	2	2424	15.50	15.50	0dB
	3	2436	15.50	15.50	0dB
	4	2448	15.50	15.50	0dB
802.11n WLAN	1	2412	15.50	15.50	0dB
	2	2424	15.50	15.50	0dB
	3	2436	15.50	15.50	0dB
	4	2448	15.50	15.50	0dB
802.11ac WLAN	1	2412	15.50	15.50	0dB
	2	2424	15.50	15.50	0dB
	3	2436	15.50	15.50	0dB
	4	2448	15.50	15.50	0dB
802.11ax WLAN	1	2412	15.50	15.50	0dB
	2	2424	15.50	15.50	0dB
	3	2436	15.50	15.50	0dB
	4	2448	15.50	15.50	0dB

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MSU HALL, FCC, Ant 1, SKOT Power State B+				MSU 1	
Status: MSU-B, FCC-1, SKOT Power State B+					
Index	Channel	Frequency (MHz)	Power (dBm)	Power (dBm)	Power (dBm)
MSU 1-MSU-B (FCC-1)	1	8000	Not Reported	Not Reported	Not Reported
	2	8000	Not Reported	2.10	Not Reported
	3	8000	Not Reported	2.10	Not Reported
	126	8014	Not Reported	3.24	Not Reported
	127	8014	Not Reported	3.24	Not Reported
MSU 1-MSU-B (FCC-2)	1	8000	Not Reported	2.10	Not Reported
	2	8000	Not Reported	2.10	Not Reported
	3	8000	Not Reported	2.10	Not Reported
	126	8014	Not Reported	3.24	Not Reported
	127	8014	Not Reported	3.24	Not Reported
MSU 1-MSU-B (FCC-3)	1	8000	Not Reported	2.10	Not Reported
	2	8000	Not Reported	2.10	Not Reported
	3	8000	Not Reported	2.10	Not Reported
	126	8014	Not Reported	3.24	Not Reported
	127	8014	Not Reported	3.24	Not Reported
MSU 1-MSU-B (FCC-4)	1	8000	Not Reported	2.10	Not Reported
	2	8000	Not Reported	2.10	Not Reported
	3	8000	Not Reported	2.10	Not Reported
	126	8014	Not Reported	3.24	Not Reported
	127	8014	Not Reported	3.24	Not Reported
MSU 1-MSU-B (FCC-5)	1	8000	Not Reported	2.10	Not Reported
	2	8000	Not Reported	2.10	Not Reported
	3	8000	Not Reported	2.10	Not Reported
	126	8014	Not Reported	3.24	Not Reported
	127	8014	Not Reported	3.24	Not Reported
MSU 1-MSU-B (FCC-6)	1	8000	Not Reported	2.10	Not Reported
	2	8000	Not Reported	2.10	Not Reported
	3	8000	Not Reported	2.10	Not Reported
	126	8014	Not Reported	3.24	Not Reported
	127	8014	Not Reported	3.24	Not Reported

4.5 GHz WLAN_Ant 1_SRP12 Power State B-

SRI					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	1	5180	12.50	12.50	100.00
	6	5240	12.50	12.50	100.00
	11	5300	12.50	12.50	100.00
	16	5360	12.50	12.50	100.00
802.11g WLAN	4	5400	Not Required	12.50	Not Required
	9	5460	Not Required	12.50	Not Required
	13	5520	Not Required	12.50	Not Required
	18	5580	Not Required	12.50	Not Required
802.11n WLAN HT-MCS0	1	5180	Not Required	12.50	Not Required
	6	5240	Not Required	12.50	Not Required
	11	5300	Not Required	12.50	Not Required
	16	5360	Not Required	12.50	Not Required
802.11ac WLAN HT-MCS0	1	5180	Not Required	12.50	Not Required
	6	5240	Not Required	12.50	Not Required
	11	5300	Not Required	12.50	Not Required
	16	5360	Not Required	12.50	Not Required

4.5 GHz WLAN_Ant 1_SRP12 Power State B-

SRI					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	36	5745	Not Required	2.00	Not Required
	40	5795	Not Required	2.00	Not Required
	44	5845	Not Required	2.00	Not Required
	48	5895	Not Required	2.00	Not Required
802.11n WLAN HT-MCS0	36	5745	Not Required	2.00	Not Required
	40	5795	Not Required	2.00	Not Required
	44	5845	Not Required	2.00	Not Required
	48	5895	Not Required	2.00	Not Required
802.11ac WLAN HT-MCS0	36	5745	Not Required	2.00	Not Required
	40	5795	Not Required	2.00	Not Required
	44	5845	Not Required	2.00	Not Required
	48	5895	Not Required	2.00	Not Required

4.5 GHz WLAN_Ant 1_SRP12 Power State B-

SRI					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	36	5745	Not Required	2.00	Not Required
	40	5795	Not Required	2.00	Not Required
	44	5845	Not Required	2.00	Not Required
	48	5895	Not Required	2.00	Not Required
802.11n WLAN HT-MCS0	36	5745	Not Required	2.00	Not Required
	40	5795	Not Required	2.00	Not Required
	44	5845	Not Required	2.00	Not Required
	48	5895	Not Required	2.00	Not Required
802.11ac WLAN HT-MCS0	36	5745	Not Required	2.00	Not Required
	40	5795	Not Required	2.00	Not Required
	44	5845	Not Required	2.00	Not Required
	48	5895	Not Required	2.00	Not Required

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eSOL 0.0.0.00, Rev. 0.1, BCU Power Specs B+						
BASIC			REV 1			
Notes	Channel	Frequency (MHz)	Power (W)	Power (dBm)	Class	Dist. (km)
B01 100 MHz BCU	101	101.000	100	20.00	Class B	100
	102	101.000	100	20.00	Class B	100
	103	101.000	100	20.00	Class B	100
B02 100 MHz BCU	104	102.000	100	20.00	Class B	100
	105	102.000	100	20.00	Class B	100
	106	102.000	100	20.00	Class B	100
B03 100 MHz BCU	107	103.000	100	20.00	Class B	100
	108	103.000	100	20.00	Class B	100
	109	103.000	100	20.00	Class B	100
B04 100 MHz BCU	110	104.000	100	20.00	Class B	100
	111	104.000	100	20.00	Class B	100
	112	104.000	100	20.00	Class B	100
B05 100 MHz BCU	113	105.000	100	20.00	Class B	100
	114	105.000	100	20.00	Class B	100
	115	105.000	100	20.00	Class B	100
B06 100 MHz BCU	116	106.000	100	20.00	Class B	100
	117	106.000	100	20.00	Class B	100
	118	106.000	100	20.00	Class B	100
B07 100 MHz BCU	119	107.000	100	20.00	Class B	100
	120	107.000	100	20.00	Class B	100
	121	107.000	100	20.00	Class B	100
B08 100 MHz BCU	122	108.000	100	20.00	Class B	100
	123	108.000	100	20.00	Class B	100
	124	108.000	100	20.00	Class B	100
B09 100 MHz BCU	125	109.000	100	20.00	Class B	100
	126	109.000	100	20.00	Class B	100
	127	109.000	100	20.00	Class B	100
B10 100 MHz BCU	128	110.000	100	20.00	Class B	100
	129	110.000	100	20.00	Class B	100
	130	110.000	100	20.00	Class B	100
B11 100 MHz BCU	131	111.000	100	20.00	Class B	100
	132	111.000	100	20.00	Class B	100
	133	111.000	100	20.00	Class B	100
B12 100 MHz BCU	134	112.000	100	20.00	Class B	100
	135	112.000	100	20.00	Class B	100
	136	112.000	100	20.00	Class B	100
B13 100 MHz BCU	137	113.000	100	20.00	Class B	100
	138	113.000	100	20.00	Class B	100
	139	113.000	100	20.00	Class B	100
B14 100 MHz BCU	140	114.000	100	20.00	Class B	100
	141	114.000	100	20.00	Class B	100
	142	114.000	100	20.00	Class B	100
B15 100 MHz BCU	143	115.000	100	20.00	Class B	100
	144	115.000	100	20.00	Class B	100
	145	115.000	100	20.00	Class B	100
B16 100 MHz BCU	146	116.000	100	20.00	Class B	100
	147	116.000	100	20.00	Class B	100
	148	116.000	100	20.00	Class B	100
B17 100 MHz BCU	149	117.000	100	20.00	Class B	100

SGH WLAN FCC Ant 1, SR02 Power Data 2a						
SGH WLAN FCC Ant 1, SR02 Power Data 2a						
Model	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)
SGH T7A-WLAN-CC	1	54.000	Not Required	3.75	Not Required	Not Required
	6	60.000	Not Required	3.75	Not Required	Not Required
	11	66.000	Not Required	3.75	Not Required	Not Required
	16	72.000	Not Required	3.75	Not Required	Not Required
	21	78.000	Not Required	3.75	Not Required	Not Required
SGH T7A-WLAN-CC-SG02	1	54.000	Not Required	3.75	Not Required	Not Required
	6	60.000	Not Required	3.75	Not Required	Not Required
	11	66.000	Not Required	3.75	Not Required	Not Required
	16	72.000	Not Required	3.75	Not Required	Not Required
	21	78.000	Not Required	3.75	Not Required	Not Required
SGH T7A-WLAN-CC-SG03	1	54.000	Not Required	3.75	Not Required	Not Required
	6	60.000	Not Required	3.75	Not Required	Not Required
	11	66.000	Not Required	3.75	Not Required	Not Required
	16	72.000	Not Required	3.75	Not Required	Not Required
	21	78.000	Not Required	3.75	Not Required	Not Required
SGH T7A-WLAN-CC-SG04	1	54.000	Not Required	3.75	Not Required	Not Required
	6	60.000	Not Required	3.75	Not Required	Not Required
	11	66.000	Not Required	3.75	Not Required	Not Required
	16	72.000	Not Required	3.75	Not Required	Not Required
	21	78.000	Not Required	3.75	Not Required	Not Required
SGH T7A-WLAN-CC-SG05	1	54.000	Not Required	3.75	Not Required	Not Required
	6	60.000	Not Required	3.75	Not Required	Not Required
	11	66.000	Not Required	3.75	Not Required	Not Required
	16	72.000	Not Required	3.75	Not Required	Not Required
	21	78.000	Not Required	3.75	Not Required	Not Required
SGH T7A-WLAN-CC-SG06	1	54.000	Not Required	3.75	Not Required	Not Required
	6	60.000	Not Required	3.75	Not Required	Not Required
	11	66.000	Not Required	3.75	Not Required	Not Required
	16	72.000	Not Required	3.75	Not Required	Not Required
	21	78.000	Not Required	3.75	Not Required	Not Required

4.4GHz WLAN_Ant 1_SRP12 Power State B-

SR1					
Mode	Channel	Frequency (MHz)	Antenna Power (dBm)	Total EIRP (dBm)	Antenna Gain (dBi)
802.11a WLAN	1	5180	12.50	12.50	0dB
	6	5260	12.50	12.50	0dB
	11	5340	12.50	12.50	0dB
	16	5420	12.50	12.50	0dB
802.11g WLAN	4	5210	Not Required	12.50	Not Required
	9	5280	Not Required	12.50	Not Required
	13	5370	Not Required	12.50	Not Required
	17	5460	Not Required	12.50	Not Required
802.11n 40MHz MCS9	1	5180	Not Required	12.50	Not Required
	6	5260	Not Required	12.50	Not Required
	11	5340	Not Required	12.50	Not Required
	16	5420	Not Required	12.50	Not Required
802.11n 40MHz MCS10	1	5180	Not Required	12.50	Not Required
	6	5260	Not Required	12.50	Not Required
	11	5340	Not Required	12.50	Not Required
	16	5420	Not Required	12.50	Not Required
802.11n 40MHz MCS11	1	5180	Not Required	12.50	Not Required
	6	5260	Not Required	12.50	Not Required
	11	5340	Not Required	12.50	Not Required
	16	5420	Not Required	12.50	Not Required

4.8GHz WLAN_Ant 1_SRP12 Power State B-

SR1					
Mode	Channel	Frequency (MHz)	Antenna Power (dBm)	Total EIRP (dBm)	Antenna Gain (dBi)
802.11a WLAN	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS9	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS10	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS11	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS12	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required

4.8GHz WLAN_Ant 1_SRP12 Power State B-

SR1					
Mode	Channel	Frequency (MHz)	Antenna Power (dBm)	Total EIRP (dBm)	Antenna Gain (dBi)
802.11a WLAN	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS9	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS10	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS11	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS12	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS13	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required
802.11n 40MHz MCS14	36	5795	Not Required	2.00	Not Required
	40	5805	Not Required	2.00	Not Required
	44	5820	Not Required	2.00	Not Required
	48	5835	Not Required	2.00	Not Required

4.5 GHz WLAN_Ant 1_Split Power State B-

SUT 1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	1	5180	15.50	15.50	100.00
	6	5240	15.50	15.50	100.00
	11	5300	15.50	15.50	100.00
	16	5360	15.50	15.50	100.00
802.11g WLAN	4	5400	Not Required	15.50	Not Required
	9	5460	Not Required	15.50	Not Required
	13	5520	Not Required	15.50	Not Required
	18	5580	Not Required	15.50	Not Required
802.11n HT20 MCS9	1	5180	Not Required	15.50	Not Required
	6	5240	Not Required	15.50	Not Required
	11	5300	Not Required	15.50	Not Required
	16	5360	Not Required	15.50	Not Required
802.11ac HT80 MCS9	1	5180	Not Required	15.50	Not Required
	6	5240	Not Required	15.50	Not Required
	11	5300	Not Required	15.50	Not Required
	16	5360	Not Required	15.50	Not Required

4.5 GHz WLAN_Ant 1_Split Power State B-

SUT 1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	36	5795	Not Required	3.00	Not Required
	40	5805	Not Required	3.00	Not Required
	44	5820	Not Required	3.00	Not Required
	48	5835	Not Required	3.00	Not Required
802.11n HT20 MCS9	36	5795	Not Required	3.00	Not Required
	40	5805	Not Required	3.00	Not Required
	44	5820	Not Required	3.00	Not Required
	48	5835	Not Required	3.00	Not Required
802.11ac HT20 MCS9	36	5795	Not Required	3.00	Not Required
	40	5805	Not Required	3.00	Not Required
	44	5820	Not Required	3.00	Not Required
	48	5835	Not Required	3.00	Not Required
802.11ac HT40 MCS9	36	5795	Not Required	3.00	Not Required
	40	5805	Not Required	3.00	Not Required
	44	5820	Not Required	3.00	Not Required
	48	5835	Not Required	3.00	Not Required
802.11ac HT80 MCS9	36	5795	Not Required	3.00	Not Required
	40	5805	Not Required	3.00	Not Required
	44	5820	Not Required	3.00	Not Required
	48	5835	Not Required	3.00	Not Required

4.5 GHz WLAN_Ant 1_Split Power State B-

SUT 1					
Mode	Channel	Frequency (MHz)	Antenna Power (mW)	Total EIRP (mW)	duty Cycle (%)
802.11a WLAN	36	5795	Not Required	2.75	Not Required
	40	5805	Not Required	2.75	Not Required
	44	5820	Not Required	2.75	Not Required
	48	5835	Not Required	2.75	Not Required
802.11n HT20 MCS9	36	5795	Not Required	2.75	Not Required
	40	5805	Not Required	2.75	Not Required
	44	5820	Not Required	2.75	Not Required
	48	5835	Not Required	2.75	Not Required
802.11ac HT20 MCS9	36	5795	Not Required	2.75	Not Required
	40	5805	Not Required	2.75	Not Required
	44	5820	Not Required	2.75	Not Required
	48	5835	Not Required	2.75	Not Required
802.11ac HT40 MCS9	36	5795	Not Required	2.75	Not Required
	40	5805	Not Required	2.75	Not Required
	44	5820	Not Required	2.75	Not Required
	48	5835	Not Required	2.75	Not Required
802.11ac HT80 MCS9	36	5795	Not Required	2.75	Not Required
	40	5805	Not Required	2.75	Not Required
	44	5820	Not Required	2.75	Not Required
	48	5835	Not Required	2.75	Not Required

ESG WLAR FCC Ant 1, BSST Power State B+						
Site: 06-051 FCC Ant 1 - 0.000 Power State B+						
Beam	Offset	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)
BSST 11-04-00-00-00-00	0	1920	Not Reported	0.00	Not Reported	Not Reported
	90	1920	Not Reported	0.00	Not Reported	Not Reported
	180	1920	Not Reported	0.00	Not Reported	Not Reported
	270	1920	Not Reported	0.00	Not Reported	Not Reported
	360	1920	Not Reported	0.00	Not Reported	Not Reported
BSST 11-04-00-00-00-00	0	1920	Not Reported	0.00	Not Reported	Not Reported
	90	1920	Not Reported	0.00	Not Reported	Not Reported
	180	1920	Not Reported	0.00	Not Reported	Not Reported
	270	1920	Not Reported	0.00	Not Reported	Not Reported
	360	1920	Not Reported	0.00	Not Reported	Not Reported
BSST 11-04-00-00-00-00	0	1920	Not Reported	0.00	Not Reported	Not Reported
	90	1920	Not Reported	0.00	Not Reported	Not Reported
	180	1920	Not Reported	0.00	Not Reported	Not Reported
	270	1920	Not Reported	0.00	Not Reported	Not Reported
	360	1920	Not Reported	0.00	Not Reported	Not Reported
BSST 11-04-00-00-00-00	0	1920	Not Reported	0.00	Not Reported	Not Reported
	90	1920	Not Reported	0.00	Not Reported	Not Reported
	180	1920	Not Reported	0.00	Not Reported	Not Reported
	270	1920	Not Reported	0.00	Not Reported	Not Reported
	360	1920	Not Reported	0.00	Not Reported	Not Reported
BSST 11-04-00-00-00-00	0	1920	Not Reported	0.00	Not Reported	Not Reported
	90	1920	Not Reported	0.00	Not Reported	Not Reported
	180	1920	Not Reported	0.00	Not Reported	Not Reported
	270	1920	Not Reported	0.00	Not Reported	Not Reported
	360	1920	Not Reported	0.00	Not Reported	Not Reported

4.4GHz WLAN_Ant 1_SRP11 Power State On

SR1					
Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm)	Total ISM Power (dBm)	Interf. Capable (%)
802.11a WLAN	1	5180	-17.00	-16.00	Not Required
	6	5240	-17.00	-16.00	Not Required
	11	5300	-17.00	-16.00	Not Required
	16	5360	-17.00	-16.00	Not Required
802.11g WLAN	4	5400	Not Required	Not Required	Not Required
	9	5460	Not Required	Not Required	Not Required
	14	5520	Not Required	Not Required	Not Required
	19	5580	Not Required	Not Required	Not Required
802.11n WLAN-MCS0	1	5180	Not Required	Not Required	Not Required
	6	5240	Not Required	Not Required	Not Required
	11	5300	Not Required	Not Required	Not Required
	16	5360	Not Required	Not Required	Not Required
802.11n WLAN-MCS1	1	5180	Not Required	Not Required	Not Required
	6	5240	Not Required	Not Required	Not Required
	11	5300	Not Required	Not Required	Not Required
	16	5360	Not Required	Not Required	Not Required
802.11n WLAN-MCS2	1	5180	Not Required	Not Required	Not Required
	6	5240	Not Required	Not Required	Not Required
	11	5300	Not Required	Not Required	Not Required
	16	5360	Not Required	Not Required	Not Required
802.11n WLAN-MCS3	1	5180	Not Required	Not Required	Not Required
	6	5240	Not Required	Not Required	Not Required
	11	5300	Not Required	Not Required	Not Required
	16	5360	Not Required	Not Required	Not Required

4.8GHz WLAN_Ant 1_SRP11 Power State On

SR1					
Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm)	Total ISM Power (dBm)	Interf. Capable (%)
802.11a WLAN	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS0	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS1	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS2	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS3	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required

4.8GHz WLAN_Ant 1_SRP11 Power State On

SR1					
Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm)	Total ISM Power (dBm)	Interf. Capable (%)
802.11a WLAN	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS0	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS1	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS2	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required
802.11n WLAN-MCS3	36	5935	Not Required	Not Required	Not Required
	40	5975	Not Required	Not Required	Not Required
	44	6015	Not Required	Not Required	Not Required
	48	6055	Not Required	Not Required	Not Required

SGS WILAR FCC Ant 1, 360W Power State C						
Site: WILAR FCC Ant 1, 360W Power State C						
Site	Channel	Frequency (MHz)	Power (dBm)	Antenna	Antenna Gain (dBi)	Use
SGS 11-1155-1157	1155	1155.0	16.0	Not Required	0.0	Not Required
	1156	1156.0	16.0	Not Required	0.0	Not Required
	1157	1157.0	16.0	Not Required	0.0	Not Required
	1158	1158.0	16.0	Not Required	0.0	Not Required
	1159	1159.0	16.0	Not Required	0.0	Not Required
SGS 11-1160-1162	1160	1160.0	16.0	Not Required	0.0	Not Required
	1161	1161.0	16.0	Not Required	0.0	Not Required
	1162	1162.0	16.0	Not Required	0.0	Not Required
	1163	1163.0	16.0	Not Required	0.0	Not Required
	1164	1164.0	16.0	Not Required	0.0	Not Required
SGS 11-1165-1167	1165	1165.0	16.0	Not Required	0.0	Not Required
	1166	1166.0	16.0	Not Required	0.0	Not Required
	1167	1167.0	16.0	Not Required	0.0	Not Required
	1168	1168.0	16.0	Not Required	0.0	Not Required
	1169	1169.0	16.0	Not Required	0.0	Not Required
SGS 11-1170-1172	1170	1170.0	16.0	Not Required	0.0	Not Required
	1171	1171.0	16.0	Not Required	0.0	Not Required
	1172	1172.0	16.0	Not Required	0.0	Not Required
	1173	1173.0	16.0	Not Required	0.0	Not Required
	1174	1174.0	16.0	Not Required	0.0	Not Required
SGS 11-1175-1177	1175	1175.0	16.0	Not Required	0.0	Not Required
	1176	1176.0	16.0	Not Required	0.0	Not Required
	1177	1177.0	16.0	Not Required	0.0	Not Required
	1178	1178.0	16.0	Not Required	0.0	Not Required
	1179	1179.0	16.0	Not Required	0.0	Not Required
SGS 11-1180-1182	1180	1180.0	16.0	Not Required	0.0	Not Required
	1181	1181.0	16.0	Not Required	0.0	Not Required
	1182	1182.0	16.0	Not Required	0.0	Not Required
	1183	1183.0	16.0	Not Required	0.0	Not Required
	1184	1184.0	16.0	Not Required	0.0	Not Required
SGS 11-1185-1187	1185	1185.0	16.0	Not Required	0.0	Not Required
	1186	1186.0	16.0	Not Required	0.0	Not Required
	1187	1187.0	16.0	Not Required	0.0	Not Required
	1188	1188.0	16.0	Not Required	0.0	Not Required
	1189	1189.0	16.0	Not Required	0.0	Not Required
SGS 11-1190-1192	1190	1190.0	16.0	Not Required	0.0	Not Required
	1191	1191.0	16.0	Not Required	0.0	Not Required
	1192	1192.0	16.0	Not Required	0.0	Not Required
	1193	1193.0	16.0	Not Required	0.0	Not Required
	1194	1194.0	16.0	Not Required	0.0	Not Required
SGS 11-1195-1197	1195	1195.0	16.0	Not Required	0.0	Not Required
	1196	1196.0	16.0	Not Required	0.0	Not Required
	1197	1197.0	16.0	Not Required	0.0	Not Required
	1198	1198.0	16.0	Not Required	0.0	Not Required
	1199	1199.0	16.0	Not Required	0.0	Not Required

+3.40dB WLM_Aut 1, 30122 Power State Co.

Room	Channel	Frequency	dBm		
			Power	Time	Time
B01 17g - 100m	1	4072	17.45	18:00	18:00
	2	4068	17.45	18:00	18:00
	3	4064	17.45	18:00	18:00
	4	4060	17.45	18:00	18:00
B01 17g - 100m	5	4056	17.45	18:00	18:00
	6	4052	17.45	18:00	18:00
	7	4048	17.45	18:00	18:00
	8	4044	17.45	18:00	18:00
B01 17g - 100m	9	4040	17.45	18:00	18:00
	10	4036	17.45	18:00	18:00
	11	4032	17.45	18:00	18:00
	12	4028	17.45	18:00	18:00
B01 17g - 100m	13	4024	17.45	18:00	18:00
	14	4020	17.45	18:00	18:00
	15	4016	17.45	18:00	18:00
	16	4012	17.45	18:00	18:00
B01 17g - 100m	17	4008	17.45	18:00	18:00
	18	4004	17.45	18:00	18:00
	19	4000	17.45	18:00	18:00
	20	3996	17.45	18:00	18:00
B01 17g - 100m	21	3992	17.45	18:00	18:00
	22	3988	17.45	18:00	18:00
	23	3984	17.45	18:00	18:00
	24	3980	17.45	18:00	18:00
B01 17g - 100m	25	3976	17.45	18:00	18:00
	26	3972	17.45	18:00	18:00
	27	3968	17.45	18:00	18:00
	28	3964	17.45	18:00	18:00
B01 17g - 100m	29	3960	17.45	18:00	18:00
	30	3956	17.45	18:00	18:00
	31	3952	17.45	18:00	18:00
	32	3948	17.45	18:00	18:00
B01 17g - 100m	33	3944	17.45	18:00	18:00
	34	3940	17.45	18:00	18:00
	35	3936	17.45	18:00	18:00
	36	3932	17.45	18:00	18:00
B01 17g - 100m	37	3928	17.45	18:00	18:00
	38	3924	17.45	18:00	18:00
	39	3920	17.45	18:00	18:00
	40	3916	17.45	18:00	18:00
B01 17g - 100m	41	3912	17.45	18:00	18:00
	42	3908	17.45	18:00	18:00
	43	3904	17.45	18:00	18:00
	44	3900	17.45	18:00	18:00
B01 17g - 100m	45	3896	17.45	18:00	18:00
	46	3892	17.45	18:00	18:00
	47	3888	17.45	18:00	18:00
	48	3884	17.45	18:00	18:00
B01 17g - 100m	49	3880	17.45	18:00	18:00
	50	3876	17.45	18:00	18:00
	51	3872	17.45	18:00	18:00
	52	3868	17.45	18:00	18:00
B01 17g - 100m	53	3864	17.45	18:00	18:00
	54	3860	17.45	18:00	18:00
	55	3856	17.45	18:00	18:00
	56	3852	17.45	18:00	18:00
B01 17g - 100m	57	3848	17.45	18:00	18:00
	58	3844	17.45	18:00	18:00
	59	3840	17.45	18:00	18:00
	60	3836	17.45	18:00	18:00
B01 17g - 100m	61	3832	17.45	18:00	18:00
	62	3828	17.45	18:00	18:00
	63	3824	17.45	18:00	18:00
	64	3820	17.45	18:00	18:00
B01 17g - 100m	65	3816	17.45	18:00	18:00
	66	3812	17.45	18:00	18:00
	67	3808	17.45	18:00	18:00
	68	3804	17.45	18:00	18:00
B01 17g - 100m	69	3800	17.45	18:00	18:00
	70	3796	17.45	18:00	18:00
	71	3792	17.45	18:00	18:00
	72	3788	17.45	18:00	18:00
B01 17g - 100m	73	3784	17.45	18:00	18:00
	74	3780	17.45	18:00	18:00
	75	3776	17.45	18:00	18:00
	76	3772	17.45	18:00	18:00
B01 17g - 100m	77	3768	17.45	18:00	18:00
	78	3764	17.45	18:00	18:00
	79	3760	17.45	18:00	18:00
	80	3756	17.45	18:00	18:00
B01 17g - 100m	81	3752	17.45	18:00	18:00
	82	3748	17.45	18:00	18:00
	83	3744	17.45	18:00	18:00
	84	3740	17.45	18:00	18:00
B01 17g - 100m	85	3736	17.45	18:00	18:00
	86	3732	17.45	18:00	18:00
	87	3728	17.45	18:00	18:00
	88	3724	17.45	18:00	18:00
B01 17g - 100m	89	3720	17.45	18:00	18:00
	90	3716	17.45	18:00	18:00
	91	3712	17.45	18:00	18:00
	92	3708	17.45	18:00	18:00
B01 17g - 100m	93	3704	17.45	18:00	18:00
	94	3700	17.45	18:00	18:00
	95	3696	17.45	18:00	18:00
	96	3692	17.45	18:00	18:00
B01 17g - 100m	97	3688	17.45	18:00	18:00
	98	3684	17.45	18:00	18:00
	99	3680	17.45	18:00	18:00
	100	3676	17.45	18:00	18:00
B01 17g - 100m	101	3672	17.45	18:00	18:00
	102	3668	17.45	18:00	18:00
	103	3664	17.45	18:00	18:00
	104	3660	17.45	18:00	18:00
B01 17g - 100m	105	3656	17.45	18:00	18:00
	106	3652	17.45	18:00	18:00
	107	3648	17.45	18:00	18:00
	108	3644	17.45	18:00	18:00
B01 17g - 100m	109	3640	17.45	18:00	18:00
	110	3636	17.45	18:00	18:00
	111	3632	17.45	18:00	18:00
	112	3628	17.45	18:00	18:00
B01 17g - 100m	113	3624	17.45	18:00	18:00
	114	3620	17.45	18:00	18:00
	115	3616	17.45	18:00	18:00
	116	3612	17.45	18:00	18:00
B01 17g - 100m	117	3608	17.45	18:00	18:00
	118	3604	17.45	18:00	18:00
	119	3600	17.45	18:00	18:00
	120	3596	17.45	18:00	18:00
B01 17g - 100m	121	3592	17.45	18:00	18:00
	122	3588	17.45	18:00	18:00
	123	3584	17.45	18:00	18:00
	124	3580	17.45	18:00	18:00
B01 17g - 100m	125	3576	17.45	18:00	18:00
	126	3572	17.45	18:00	18:00
	127	3568	17.45	18:00	18:00
	128	3564	17.45	18:00	18:00
B01 17g - 100m	129	3560	17.45	18:00	18:00
	130	3556	17.45	18:00	18:00
	131	3552	17.45	18:00	18:00
	132	3548	17.45	18:00	18:00
B01 17g - 100m	133	3544	17.45	18:00	18:00
	134	3540	17.45	18:00	18:00
	135	3536	17.45	18:00	18:00
	136	3532	17.45	18:00	18:00
B01 17g - 100m	137	3528	17.45	18:00	18:00
	138	3524	17.45	18:00	18:00
	139	3520	17.45	18:00	18:00
	140	3516	17.45	18:00	18:00
B01 17g - 100m	141	3512	17.45	18:00	18:00
	142	3508	17.45	18:00	18:00
	143	3504	17.45	18:00	18:00
	144	3500	17.45	18:00	18:00
B01 17g - 100m	145	3496	17.45	18:00	18:00
	146	3492	17.45	18:00	18:00
	147	3488	17.45	18:00	18:00
	148	3484	17.45	18:00	18:00
B01 17g - 100m	149	3480	17.45	18:00	18:00
	150	3476	17.45	18:00	18:00
	151	3472	17.45	18:00	18:00
	152	3468	17.45	18:00	18:00
B01 17g - 100m	153	3464	17.45	18:00	18:00
	154	3460	17.45	18:00	18:00
	155	3456	17.45	18:00	18:00
	156	3452	17.45	18:00	18:00
B01 17g - 100m	157	3448	17.45	18:00	18:00
	158	3444	17.45	18:00	18:00
	159	3440	17.45	18:00	18:00
	160	3436	17.45	18:00	18:00
B01 17g - 100m	161	3432	17.45	18:00	18:00
	162	3428	17.45	18:00	18:00
	163	3424	17.45	18:00	18:00
	164	3420	17.45	18:00	18:00
B01 17g - 100m	165	3416	17.45	18:00	18:00
	166	3412	17.45	18:00	18:00
	167	3408	17.45	18:00	18:00
	168	3404	17.45	18:00	18:00
B01 17g - 100m	169	3400	17.45	18:00	18:00
	170	3396	17.45	18:00	18:00
	171	3392	17.45	18:00	18:00
	172	3388	17.45	18:00	18:00
B01 17g - 100m	173	3384	17.45	18:00	18:00
	174	3380	17.45	18:00	18:00
	175	3376	17.45	18:00	18:00
	176	3372	17.45	18:00	18:00
B01 17g - 100m	177	3368	17.45	18:00	18:00
	178	3364	17.45	18:00	18:00
	179	3360	17.45	18:00	18:00
	180	3356	17.45	18:00	18:00
B01 17g - 100m	181	3352	17.45	18:00	18:00
	182	3348	17.45	18:00	18:00
	183	3344	17.45	18:00	18:00
	184	3340	17.45	18:00	18:00
B01 17g - 100m	185	3336	17.45	18:00	18:00
	186	3332	17.45	18:00	18:00
	187	3328	17.45	18:00	18:00
	188	3324	17.45	18:00	18:00
B01 17g - 100m	189	3320	17.45	18:00	18:00
	190	3316	17.45	18:00	18:

+3.40dB WLM, Ant 1, 30023 Power State Co.

Power State Co. - Antenna 1, 30023					
Node	Channel	Frequency	Power Level dBm	SAR	
				Time/Sp Limit	Time/Sp Value
BS1-TX-30023	1	4070	17.45	10.00	10.00
	6	4060	17.45	10.00	10.00
	11	4050	17.45	10.00	10.00
	16	4040	17.45	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00

+3.50dB WLM, Ant 1, 30023 Power State Co.

Power State Co. - Antenna 1, 30023					
Node	Channel	Frequency	Power Level dBm	SAR	
				Time/Sp Limit	Time/Sp Value
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00

+3.50dB WLM, Ant 1, 30023 Power State Co.

Power State Co. - Antenna 1, 30023					
Node	Channel	Frequency	Power Level dBm	SAR	
				Time/Sp Limit	Time/Sp Value
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00
BS1-TX-30023	1	4070	10.00	10.00	10.00
	6	4060	10.00	10.00	10.00
	11	4050	10.00	10.00	10.00
	16	4040	10.00	10.00	10.00



HSDN WLAN FCC Ant 1 2023 Power Study-A1						
Power Study-A1 (WLAN) (dBm)						
State	Channel	Frequency	Power	Power	Power	Power
B01 17.0 MHz	1	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	2	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	3	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	4	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	5	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B02 17.0 MHz	6	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	7	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	8	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	9	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	10	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B03 17.0 MHz	11	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	12	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	13	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	14	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	15	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B04 17.0 MHz	16	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	17	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	18	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	19	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	20	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B05 17.0 MHz	21	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	22	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	23	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	24	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	25	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B06 17.0 MHz	26	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	27	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	28	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	29	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	30	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B07 17.0 MHz	31	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	32	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	33	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	34	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	35	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B08 17.0 MHz	36	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	37	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	38	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	39	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	40	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B09 17.0 MHz	41	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	42	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	43	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	44	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	45	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
B10 17.0 MHz	46	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	47	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	48	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	49	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz
	50	5400	17.0 MHz	17.0 MHz	17.0 MHz	17.0 MHz

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[illegible]

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*5GHz WLAN FCC_Ant 1 (3GHz Power State B)					
Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)	Power Spectral Density (dBm/MHz)
5GHz 11a (80MHz)	1	5180	Not Requested	2.0	Not Requested
	36	5480	Not Requested	2.0	Not Requested
	113	5610	Not Requested	2.0	Not Requested
	149	5740	Not Requested	2.0	Not Requested
	156	5795	Not Requested	2.0	Not Requested
5GHz 11ac (80MHz)	48	5855	Not Requested	2.0	Not Requested
	113	5915	Not Requested	2.0	Not Requested
	149	5975	Not Requested	2.0	Not Requested
	156	6025	Not Requested	2.0	Not Requested
	165	6080	Not Requested	2.0	Not Requested
5GHz 11ac (40MHz)	1	5180	Not Requested	2.0	Not Requested
	36	5480	Not Requested	2.0	Not Requested
	113	5610	Not Requested	2.0	Not Requested
	149	5740	Not Requested	2.0	Not Requested
	156	5795	Not Requested	2.0	Not Requested
5GHz 11ac (20MHz)	1	5180	Not Requested	2.0	Not Requested
	36	5480	Not Requested	2.0	Not Requested
	113	5610	Not Requested	2.0	Not Requested
	149	5740	Not Requested	2.0	Not Requested
	156	5795	Not Requested	2.0	Not Requested
5GHz 11ac (10MHz)	1	5180	Not Requested	2.0	Not Requested
	36	5480	Not Requested	2.0	Not Requested
	113	5610	Not Requested	2.0	Not Requested
	149	5740	Not Requested	2.0	Not Requested
	156	5795	Not Requested	2.0	Not Requested
5GHz 11ac (5MHz)	1	5180	Not Requested	2.0	Not Requested
	36	5480	Not Requested	2.0	Not Requested
	113	5610	Not Requested	2.0	Not Requested
	149	5740	Not Requested	2.0	Not Requested
	156	5795	Not Requested	2.0	Not Requested
5GHz 11ac (2.5MHz)	1	5180	Not Requested	2.0	Not Requested
	36	5480	Not Requested	2.0	Not Requested
	113	5610	Not Requested	2.0	Not Requested
	149	5740	Not Requested	2.0	Not Requested
	156	5795	Not Requested	2.0	Not Requested



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*5GHz WLAN FCC_Ant 1_5GHz Power State On					
Mode	Channel	Frequency (MHz)	Power (mW)	Power (dBm)	Power (dBm)
5GHz 11a-MBSS	1	5180	Not Requested	0.00	Not Requested
	36	5400	Not Requested	0.00	Not Requested
	113	5610	Not Requested	0.00	Not Requested
	130	5630	Not Requested	0.00	Not Requested
	136	5650	Not Requested	0.00	Not Requested
5GHz 11ac-MBSS	37	5410	Not Requested	0.00	Not Requested
	44	5420	Not Requested	0.00	Not Requested
	114	5620	Not Requested	0.00	Not Requested
	131	5640	Not Requested	0.00	Not Requested
	137	5660	Not Requested	0.00	Not Requested
5GHz 11ax-MBSS	38	5430	Not Requested	0.00	Not Requested
	45	5440	Not Requested	0.00	Not Requested
	115	5630	Not Requested	0.00	Not Requested
	132	5650	Not Requested	0.00	Not Requested
	138	5670	Not Requested	0.00	Not Requested
5GHz 11be-MBSS	39	5450	Not Requested	0.00	Not Requested
	46	5460	Not Requested	0.00	Not Requested
	116	5640	Not Requested	0.00	Not Requested
	133	5660	Not Requested	0.00	Not Requested
	139	5680	Not Requested	0.00	Not Requested
5GHz 11c-MBSS	40	5470	Not Requested	0.00	Not Requested
	41	5480	Not Requested	0.00	Not Requested
	117	5650	Not Requested	0.00	Not Requested
	134	5670	Not Requested	0.00	Not Requested
	140	5690	Not Requested	0.00	Not Requested
5GHz 11d-MBSS	42	5490	Not Requested	0.00	Not Requested
	43	5500	Not Requested	0.00	Not Requested
	118	5660	Not Requested	0.00	Not Requested
	135	5680	Not Requested	0.00	Not Requested
	141	5700	Not Requested	0.00	Not Requested
5GHz 11e-MBSS	43	5510	Not Requested	0.00	Not Requested
	44	5520	Not Requested	0.00	Not Requested
	119	5670	Not Requested	0.00	Not Requested
	136	5690	Not Requested	0.00	Not Requested
	142	5710	Not Requested	0.00	Not Requested
5GHz 11f-MBSS	44	5530	Not Requested	0.00	Not Requested
	45	5540	Not Requested	0.00	Not Requested
	120	5680	Not Requested	0.00	Not Requested
	137	5700	Not Requested	0.00	Not Requested
	143	5720	Not Requested	0.00	Not Requested
5GHz 11g-MBSS	45	5550	Not Requested	0.00	Not Requested
	46	5560	Not Requested	0.00	Not Requested
	121	5690	Not Requested	0.00	Not Requested
	138	5710	Not Requested	0.00	Not Requested
	144	5730	Not Requested	0.00	Not Requested

<Bluetooth_Ant 1_SKU1 Power State A>					
Bluetooth_Ant 1_SKU1 Power State A			Ant 1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	8.40	10.00	76.94
	39	2441	8.20	10.00	76.94
	78	2480	8.20	10.00	76.94
BR / EDR 2Mbps	0	2402	Not Required	7.00	Not Required
	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
	0	2402	Not Required	7.00	Not Required
BR / EDR 3Mbps	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
	0	2402	Not Required	10.00	Not Required
LE 125kpps	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
	0	2402	Not Required	10.00	Not Required
LE 500kpps	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
	0	2402	Not Required	10.00	Not Required
LE 1Mbps	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
	0	2402	Not Required	10.00	Not Required
LE 2Mbps	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
	0	2402	Not Required	10.00	Not Required

<Bluetooth_Ant 1_SKU2 Power State A>					
Bluetooth_Ant 1_SKU2 Power State A			Ant 1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	8.45	10.00	76.94
	39	2441	8.30	10.00	76.94
	78	2480	8.30	10.00	76.94
BR / EDR 2Mbps	0	2402	Not Required	7.00	Not Required
	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
BR / EDR 3Mbps	0	2402	Not Required	7.00	Not Required
	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
LE 125kpps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 500kpps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 1Mbps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 2Mbps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required

<Bluetooth_Ant 1_SKU3 Power State A>					
Bluetooth_Ant 1_SKU3 Power State A			Ant 1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	8.38	10.00	76.94
	39	2441	8.16	10.00	76.94
	78	2480	8.25	10.00	76.94
BR / EDR 2Mbps	0	2402	Not Required	7.00	Not Required
	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
BR / EDR 3Mbps	0	2402	Not Required	7.00	Not Required
	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
LE 125kpps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 500kpps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 1Mbps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 2Mbps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required

<Bluetooth_Ant 1_SKU4 Power State A>					
Bluetooth_Ant 1_SKU4 Power State A			Ant 1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	8.33	10.00	76.94
	39	2441	8.33	10.00	76.94
	78	2480	8.14	10.00	76.94
BR / EDR 2Mbps	0	2402	Not Required	7.00	Not Required
	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
BR / EDR 3Mbps	0	2402	Not Required	7.00	Not Required
	39	2441	Not Required	7.00	Not Required
	78	2480	Not Required	7.00	Not Required
LE 125kpps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 500kpps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 1Mbps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required
LE 2Mbps	0	2402	Not Required	10.00	Not Required
	19	2440	Not Required	10.00	Not Required
	39	2480	Not Required	10.00	Not Required