



REPORT No.: SZ25100352S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

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



Band 5 (Cellular Band) (dBm) Part 22H(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.99	23.14	22.97	24
10	QPSK	1	25	22.90	22.87	22.92	
10	QPSK	1	49	22.76	22.70	22.72	
10	QPSK	25	0	21.98	21.92	22.00	23
10	QPSK	25	12	21.87	21.72	21.88	
10	QPSK	25	25	21.69	21.53	21.69	
10	QPSK	50	0	21.56	21.34	21.57	23
10	16QAM	1	0	22.16	22.04	22.18	
10	16QAM	1	25	22.02	21.89	21.99	
10	16QAM	1	49	21.91	21.78	21.80	22
10	16QAM	25	0	21.23	21.05	21.12	
10	16QAM	25	12	21.11	20.91	21.01	
10	16QAM	25	25	20.95	20.80	20.90	22
10	16QAM	50	0	20.76	20.58	20.73	
10	64QAM	1	0	21.31	21.19	21.28	
10	64QAM	1	25	21.27	21.14	21.23	22
10	64QAM	1	49	21.20	21.10	21.16	
10	64QAM	25	0	20.54	20.39	20.48	
10	64QAM	25	12	20.49	20.37	20.46	21
10	64QAM	25	25	20.48	20.30	20.43	
10	64QAM	50	0	20.48	20.26	20.37	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.91	22.97	22.89	24
5	QPSK	1	12	22.81	22.79	22.88	
5	QPSK	1	24	22.70	22.63	22.65	
5	QPSK	12	0	21.89	21.87	21.92	23
5	QPSK	12	7	21.81	21.65	21.82	
5	QPSK	12	13	21.60	21.44	21.63	
5	QPSK	25	0	21.52	21.25	21.49	23
5	16QAM	1	0	22.08	22.00	22.13	
5	16QAM	1	12	21.97	21.80	21.94	
5	16QAM	1	24	21.82	21.74	21.75	22
5	16QAM	12	0	21.19	21.01	21.06	
5	16QAM	12	7	21.06	20.88	20.95	
5	16QAM	12	13	20.87	20.76	20.85	22
5	16QAM	25	0	20.68	20.51	20.65	
5	64QAM	1	0	21.27	21.11	21.21	
5	64QAM	1	12	21.23	21.10	21.19	22
5	64QAM	1	24	21.12	21.06	21.12	
5	64QAM	12	0	20.50	20.32	20.41	
5	64QAM	12	7	20.46	20.31	20.38	21
5	64QAM	12	13	20.39	20.26	20.39	
5	64QAM	25	0	20.39	20.23	20.31	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.87	22.88	22.81	24
3	QPSK	1	8	22.77	22.71	22.82	
3	QPSK	1	14	22.63	22.56	22.62	
3	QPSK	8	0	21.83	21.80	21.83	23
3	QPSK	8	4	21.74	21.57	21.79	
3	QPSK	8	7	21.53	21.39	21.55	
3	QPSK	15	0	21.48	21.19	21.44	23
3	16QAM	1	0	22.04	21.97	22.07	
3	16QAM	1	8	21.88	21.75	21.88	
3	16QAM	1	14	21.74	21.67	21.67	22
3	16QAM	8	0	21.13	20.96	20.97	
3	16QAM	8	4	21.00	20.84	20.90	
3	16QAM	8	7	20.78	20.68	20.80	22
3	16QAM	15	0	20.63	20.46	20.62	
3	64QAM	1	0	21.20	21.03	21.16	
3	64QAM	1	8	21.20	21.04	21.12	22
3	64QAM	1	14	21.06	21.01	21.06	
3	64QAM	8	0	20.42	20.24	20.35	
3	64QAM	8	4	20.39	20.27	20.29	21
3	64QAM	8	7	20.36	20.20	20.34	
3	64QAM	15	0	20.32	20.19	20.25	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.77	22.78	22.73	24
1.4	QPSK	1	3	22.74	22.66	22.79	
1.4	QPSK	1	5	22.62	22.49	22.60	
1.4	QPSK	3	0	21.75	21.72	21.77	23
1.4	QPSK	3	1	21.73	21.54	21.77	
1.4	QPSK	3	3	21.46	21.32	21.53	
1.4	QPSK	6	0	21.42	21.10	21.40	23
1.4	16QAM	1	0	21.97	21.96	22.03	
1.4	16QAM	1	3	21.77	21.66	21.83	
1.4	16QAM	1	5	21.65	21.63	21.66	22
1.4	16QAM	3	0	21.09	20.89	20.86	
1.4	16QAM	3	1	20.91	20.84	20.87	
1.4	16QAM	3	3	20.76	20.61	20.79	22
1.4	16QAM	6	0	20.63	20.45	20.61	
1.4	64QAM	1	0	21.16	20.93	21.11	
1.4	64QAM	1	3	21.13	20.95	21.08	22
1.4	64QAM	1	5	21.02	20.98	21.00	
1.4	64QAM	3	0	20.40	20.16	20.31	
1.4	64QAM	3	1	20.31	20.24	20.21	21
1.4	64QAM	3	3	20.35	20.15	20.33	
1.4	64QAM	6	0	20.29	20.17	20.19	

4GHz WLAN ANT 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Total power (dBm)	Power Setting	Code Group
802.11b Mbps	Ch 1	2412	19.81	21.03	18.00	98.94
	Ch 7	2460	19.81	21.03	18.00	98.94
	Ch 13	2517	19.81	21.03	18.00	98.94
	Ch 1	2412	19.80	21.00	17.99	98.93
	Ch 7	2460	19.80	21.00	17.99	98.93
	Ch 13	2517	19.80	21.00	17.99	98.93
802.11g Mbps	Ch 7	2412	17.75	19.00	17.00	93.42
	Ch 13	2517	17.76	19.00	17.00	93.42
	Ch 1	2412	17.76	19.00	17.00	93.42
	Ch 7	2412	17.75	19.00	17.00	93.42
	Ch 13	2517	17.76	19.00	17.00	93.42
	Ch 1	2412	17.76	19.00	17.00	93.42
802.11n HT20 MCS0	Ch 1	2412	16.80	15.00	14.00	86.59
	Ch 7	2460	16.80	15.00	14.00	86.59
	Ch 13	2517	16.80	15.00	14.00	86.59
	Ch 1	2412	16.80	15.00	14.00	86.59
	Ch 7	2460	16.80	15.00	14.00	86.59
	Ch 13	2517	16.80	15.00	14.00	86.59
802.11n HT40 MCS0	Ch 1	2412	16.37	15.00	14.00	81.25
	Ch 7	2460	16.38	15.00	14.00	81.25
	Ch 13	2517	16.38	15.00	14.00	81.25
	Ch 1	2412	16.37	15.00	14.00	81.25
	Ch 7	2460	16.38	15.00	14.00	81.25
	Ch 13	2517	16.38	15.00	14.00	81.25

E2HS WLEAN ANT								
Base	Channel	Frequency (MHz)	Average power (dBm)	Transmit time (s)	Power Spectral Density (dBm/Hz)	Dist. (km)		
E2HS WLEAN ANT	E2HS 1-10MHz	CH-08	10.000	10.000	1.000	90.000	80.000	
		CH-09	10.000	10.000	1.000	90.000	80.000	
	E2HS 1-10MHz	CH-10	10.000	10.000	1.000	90.000	80.000	
		CH-11	10.000	10.000	1.000	90.000	80.000	
	E2HS 1-10MHz	CH-12	10.000	10.000	1.000	90.000	80.000	
		CH-13	10.000	10.000	1.000	90.000	80.000	
	E2HS 1-10MHz	CH-14	10.000	10.000	1.000	90.000	80.000	
		CH-15	10.000	10.000	1.000	90.000	80.000	
	E2HS 1-10MHz	CH-16	10.000	10.000	1.000	90.000	80.000	
		CH-17	10.000	10.000	1.000	90.000	80.000	
	E2HS WLEAN ANT	E2HS 1-10MHz	CH-18	10.000	10.000	1.000	90.000	80.000
			CH-19	10.000	10.000	1.000	90.000	80.000
E2HS 1-10MHz		CH-20	10.000	10.000	1.000	90.000	80.000	
		CH-21	10.000	10.000	1.000	90.000	80.000	
E2HS 1-10MHz		CH-22	10.000	10.000	1.000	90.000	80.000	
		CH-23	10.000	10.000	1.000	90.000	80.000	
E2HS 1-10MHz		CH-24	10.000	10.000	1.000	90.000	80.000	
		CH-25	10.000	10.000	1.000	90.000	80.000	
E2HS 1-10MHz		CH-26	10.000	10.000	1.000	90.000	80.000	
		CH-27	10.000	10.000	1.000	90.000	80.000	
E2HS 1-10MHz		CH-28	10.000	10.000	1.000	90.000	80.000	
		CH-29	10.000	10.000	1.000	90.000	80.000	

ECHO WE CAN AT						
State	Channel	Frequency (MHz)	Average power (dBm)		Power Spectral Density (dBm/MHz)	Occupied Bandwidth (MHz)
			100 kHz	1 MHz		
United States	WISN-TV (Milwaukee)	12.510	50.00	50.00	50.00	50.00
		12.515	50.00	50.00	50.00	50.00
		12.520	50.00	50.00	50.00	50.00
		12.525	50.00	50.00	50.00	50.00
	WISN-TV (Madison)	12.510	50.00	50.00	50.00	50.00
		12.515	50.00	50.00	50.00	50.00
		12.520	50.00	50.00	50.00	50.00
		12.525	50.00	50.00	50.00	50.00
	WISN-TV (Chicago)	12.510	50.00	50.00	50.00	50.00
		12.515	50.00	50.00	50.00	50.00
		12.520	50.00	50.00	50.00	50.00
		12.525	50.00	50.00	50.00	50.00
WISN-TV (New York)	12.510	50.00	50.00	50.00	50.00	
	12.515	50.00	50.00	50.00	50.00	
	12.520	50.00	50.00	50.00	50.00	
	12.525	50.00	50.00	50.00	50.00	
WISN-TV (Los Angeles)	12.510	50.00	50.00	50.00	50.00	
	12.515	50.00	50.00	50.00	50.00	
	12.520	50.00	50.00	50.00	50.00	
	12.525	50.00	50.00	50.00	50.00	

ECHOPLAN ANT 1						
Block						
	Channel	Frequency (MHz)	Average power (dBm)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/100kHz)	Spurious (dBm)
ISDB-Tb (Main)	ISDB-Tb Main	232.760	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.770	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.780	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.790	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.800	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.810	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.820	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.830	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.840	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.850	58.000	-17.10	-58.000	58.000
ISDB-Tb (Main)	ISDB-Tb Main	232.760	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.770	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.780	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.790	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.800	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.810	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.820	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.830	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.840	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.850	58.000	-17.10	-58.000	58.000
ISDB-Tb (Main)	ISDB-Tb Main	232.760	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.770	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.780	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.790	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.800	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.810	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.820	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.830	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.840	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.850	58.000	-17.10	-58.000	58.000
ISDB-Tb (Main)	ISDB-Tb Main	232.760	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.770	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.780	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.790	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.800	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.810	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.820	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.830	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.840	58.000	-17.10	-58.000	58.000
	ISDB-Tb Main	232.850	58.000	-17.10	-58.000	58.000

GEORGIAN AN AT						
Model	Channel	Frequency (MHz)	Average power (dBm)	Power Level	Power Status	Signal Class
802.11a WLAN	CH1	5180	16.50	17.00	16.50	80.00
	CH2	5240	16.50	17.00	16.50	80.00
	CH3	5300	16.50	17.00	16.50	80.00
	CH4	5360	16.50	17.00	16.50	80.00
	CH5	5420	16.50	17.00	16.50	80.00
	CH6	5480	16.50	17.00	16.50	80.00
	CH7	5540	16.50	17.00	16.50	80.00
	CH8	5600	16.50	17.00	16.50	80.00
	CH9	5660	16.50	17.00	16.50	80.00
	CH10	5720	16.50	17.00	16.50	80.00
802.11b/g/n WLAN	CH11	2412	16.50	17.00	16.50	80.00
	CH12	2437	16.50	17.00	16.50	80.00
	CH13	2462	16.50	17.00	16.50	80.00
	CH14	2487	16.50	17.00	16.50	80.00
	CH15	2512	16.50	17.00	16.50	80.00
	CH16	2537	16.50	17.00	16.50	80.00
	CH17	2562	16.50	17.00	16.50	80.00
	CH18	2587	16.50	17.00	16.50	80.00
	CH19	2612	16.50	17.00	16.50	80.00
	CH20	2637	16.50	17.00	16.50	80.00
802.11n WLAN	CH21	4200	16.50	17.00	16.50	80.00
	CH22	4250	16.50	17.00	16.50	80.00
	CH23	4300	16.50	17.00	16.50	80.00
	CH24	4350	16.50	17.00	16.50	80.00
	CH25	4400	16.50	17.00	16.50	80.00
	CH26	4450	16.50	17.00	16.50	80.00
	CH27	4500	16.50	17.00	16.50	80.00
	CH28	4550	16.50	17.00	16.50	80.00
	CH29	4600	16.50	17.00	16.50	80.00
	CH30	4650	16.50	17.00	16.50	80.00
802.11ac WLAN	CH31	5200	16.50	17.00	16.50	80.00
	CH32	5250	16.50	17.00	16.50	80.00
	CH33	5300	16.50	17.00	16.50	80.00
	CH34	5350	16.50	17.00	16.50	80.00
	CH35	5400	16.50	17.00	16.50	80.00
	CH36	5450	16.50	17.00	16.50	80.00
	CH37	5500	16.50	17.00	16.50	80.00
	CH38	5550	16.50	17.00	16.50	80.00
	CH39	5600	16.50	17.00	16.50	80.00
	CH40	5650	16.50	17.00	16.50	80.00

4.2GHz WLAN ANT 1							
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Off (dB)	Power Setting	Duty Cycle (%)
4.2GHz WLAN ANT 1	802.11a/H20/MCS0	Ch 1	5850	9.00	7.50	7.50	60.00
		Ch 4	6100	9.00	6.50	7.50	60.00
		Ch 5	6150	9.00	7.50	7.50	60.00
		Ch 6	6200	9.00	7.50	7.50	60.00
		Ch 9	6450	9.00	9.00	9.00	76.19
	802.11a/H20/MCS0	Ch 11	6600	9.00	9.00	9.00	76.19
		Ch 12	6650	10.50	11.00	11.00	60.00
		Ch 13	6700	10.50	11.00	11.00	60.00
		Ch 14	6750	10.50	11.00	11.00	60.00
		Ch 17	6825	10.50	11.00	11.00	60.00

5.5GHz WLAN ANT 1							
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Loss	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1	802.11a+HC20 MCS0	CH 07	8425	5.75	6.50	7.00	84.85
		CH 105	8475	5.50	6.50	7.00	84.85
		CH 113	8510	5.50	6.50	7.00	84.85
	802.11a+HD20 MCS0	CH 08	8480	7.75	8.00	8.00	76.19
		CH 107	8480	7.75	8.00	8.00	76.19
		CH 103	8480	10.47	11.00	11.00	64.29

TGHZWLAN ANT 1							
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Power	Power Setting	Duty Cycle (%)
3. 5GHz WLAN ANT 1	802.11a+802.10 MCS0	CH 117	8055	0.01	7.55	8.05	88.85
		CH 196	8660	0.40	7.60	8.05	88.65
		CH 261	9265	0.01	7.55	8.05	88.85
		CH 320	9870	0.40	7.60	8.05	88.65
		CH 385	10475	0.01	7.55	8.05	76.15
	802.11a+802.10 MCS0	CH 107	8860	7.20	8.05	8.05	76.15
		CH 176	9465	8.15	8.05	8.05	76.15
		CH 241	10070	8.10	8.05	8.05	76.15
		CH 306	10675	10.00	11.00	11.00	89.20
		CH 375	11280	10.00	11.00	11.00	89.20
802.11a+802.10 MCS0	CH 107	8860	10.00	11.00	11.00	89.20	
	CH 176	9465	10.00	11.00	11.00	89.20	

7.0GHz WLAN ANT 1							
7.0GHz WLAN ANT 1	Mode	Channel	Frequency (GHz)	Average power (dBm)	Turn-Off Loss	Power Setting	Duty Cycle (%)
	802.11a/b/g/n MCS0	CH 1955	8075	8.48	7.88	8.68	88.85
		CH 1956	8080	8.48	7.88	8.68	88.85
		CH 1957	8085	8.48	7.88	8.68	88.85
		CH 1958	8090	8.48	7.88	8.68	88.85
		CH 1959	8095	8.48	7.88	8.68	88.85
	802.11a/b/g/n MCS1	CH 1967	8880	7.38	8.00	9.00	75.50
		CH 1968	8885	7.375	8.00	9.00	76.19
		CH 1969	8890	7.37	8.00	9.00	76.87
		CH 1970	8895	7.365	8.00	9.00	77.55
CH 1971		8900	7.36	8.00	9.00	78.23	

Mode	Channel	Frequency (MHz)	Times			Index	
			Average (times)	Time-up (s)	Drop (times)		
UL	UL-D1	2450	7.45	0.30	76.80	4.82	5.50
	UL-D2	2460	7.44	0.30	76.80	4.81	5.50
	UL-D3	2470	7.45	0.30	76.80	4.81	5.50
	UL-D4	2480	7.45	0.30	76.80	4.80	5.50
Down beam training (UL)							
Mode	Channel	Frequency (MHz)	Average (times)			Index	
			Time-up (s)	Drop (times)	Drop (times)		
DL	DL-D1	2450	8.30	7.80	82.64	3.25	4.50
	DL-D2	2460	8.45	7.80	82.64	3.49	4.50
	DL-D3	2470	8.30	7.80	82.64	3.75	4.50
	DL-D4	2480	8.30	7.80	82.64	3.75	4.50
Down beam training (DL)							
Mode	Frequency (MHz)	Average (times) (DL)			Index		
		Time-up (s)	Drop (times)	Drop (times)			
MFC	900 MHz	23.80			1		
	910 MHz	22.75					
	920 MHz	22.75					
	930 MHz	22.75					
MTC	900 MHz	31.80			2		
	930 MHz	31.80					
Down beam training (DL)							

Z4GH2 WLAN ANT 2							
Mode	Channel	Frequency [MHz]	Available Bandwidth [MHz]	Channel Bandwidth [MHz]	Power Setting	Duty Cycle [%]	
3 active antennas ant 2	802.11b Mbps	CH-1	2412	18.75	20.00	18.00	98.92
		CH-2	2437	18.75	20.00	18.00	98.92
		CH-3	2462	18.75	20.00	18.00	98.92
	802.11g Mbps	CH-4	2424	18.75	20.00	18.00	98.92
		CH-5	2449	18.75	20.00	18.00	98.92
		CH-6	2474	18.75	20.00	18.00	98.92
	802.11n HT40 MCS0	CH-7	2612	36.50	40.00	18.00	93.48
		CH-8	2637	36.50	40.00	18.00	93.48
		CH-9	2662	36.50	40.00	18.00	93.48
	802.11n HT40 MCS4	CH-10	2712	36.50	40.00	18.00	93.48
		CH-11	2737	36.50	40.00	18.00	93.48
		CH-12	2762	36.50	40.00	18.00	93.48

E2H2WLAN Ant							
Band	Channel	Frequency (MHz)	Frequency (MHz)	Channel width	Power (dBm)	Max. Tx Power (dBm)	
5.8GHz module	802.11a (HTA)	CH36	5180	5611	360.00	16.00	60.00
		CH37	5200	5631	360.00	16.00	60.00
		CH38	5220	5651	360.00	16.00	60.00
	802.11n (HTA)	CH39	5240	5671	360.00	17.00	60.00
		CH40	5260	5691	360.00	17.00	60.00
		CH41	5280	5711	360.00	17.00	60.00
	802.11n (HTA) MCS	CH42	5300	5731	360.00	17.00	60.00
		CH43	5320	5751	360.00	17.00	60.00
		CH44	5340	5771	360.00	17.00	60.00
	802.11n (HTA) MCS	CH45	5360	5791	360.00	17.00	60.00
		CH46	5380	5811	360.00	17.00	60.00
		CH47	5400	5831	360.00	17.00	60.00
	802.11n (HTA) MCS	CH48	5420	5851	360.00	17.00	60.00
		CH49	5440	5871	360.00	17.00	60.00
		CH50	5460	5891	360.00	17.00	60.00
	802.11n (HTA) MCS	CH51	5480	5911	360.00	17.00	60.00
		CH52	5500	5931	360.00	17.00	60.00
		CH53	5520	5951	360.00	17.00	60.00
	802.11n (HTA) MCS	CH54	5540	5971	360.00	17.00	60.00
		CH55	5560	5991	360.00	17.00	60.00
		CH56	5580	6011	360.00	17.00	60.00
	802.11n (HTA) MCS	CH57	5600	6031	360.00	17.00	60.00
		CH58	5620	6051	360.00	17.00	60.00
		CH59	5640	6071	360.00	17.00	60.00
802.11n (HTA) MCS	CH60	5660	6091	360.00	17.00	60.00	
	CH61	5680	6111	360.00	17.00	60.00	
	CH62	5700	6131	360.00	17.00	60.00	
802.11n (HTA) MCS	CH63	5720	6151	360.00	17.00	60.00	
	CH64	5740	6171	360.00	17.00	60.00	
	CH65	5760	6191	360.00	17.00	60.00	
802.11n (HTA) MCS	CH66	5780	6211	360.00	17.00	60.00	
	CH67	5800	6231	360.00	17.00	60.00	
	CH68	5820	6251	360.00	17.00	60.00	
802.11n (HTA) MCS	CH69	5840	6271	360.00	17.00	60.00	
	CH70	5860	6291	360.00	17.00	60.00	
	CH71	5880	6311	360.00	17.00	60.00	
802.11n (HTA) MCS	CH72	5900	6331	360.00	17.00	60.00	
	CH73	5920	6351	360.00	17.00	60.00	
	CH74	5940	6371	360.00	17.00	60.00	
802.11n (HTA) MCS	CH75	5960	6391	360.00	17.00	60.00	
	CH76	5980	6411	360.00	17.00	60.00	
	CH77	6000	6431	360.00	17.00	60.00	
802.11n (HTA) MCS	CH78	6020	6451	360.00	17.00	60.00	
	CH79	6040	6471	360.00	17.00	60.00	
	CH80	6060	6491	360.00	17.00	60.00	
802.11n (HTA) MCS	CH81	6080	6511	360.00	17.00	60.00	
	CH82	6100	6531	360.00	17.00	60.00	
	CH83	6120	6551	360.00	17.00	60.00	
802.11n (HTA) MCS	CH84	6140	6571	360.00	17.00	60.00	
	CH85	6160	6591	360.00	17.00	60.00	
	CH86	6180	6611	360.00	17.00	60.00	
802.11n (HTA) MCS	CH87	6200	6631	360.00	17.00	60.00	
	CH88	6220	6651	360.00	17.00	60.00	
	CH89	6240	6671	360.00	17.00	60.00	
802.11n (HTA) MCS	CH90	6260	6691	360.00	17.00	60.00	
	CH91	6280	6711	360.00	17.00	60.00	
	CH92	6300	6731	360.00	17.00	60.00	
802.11n (HTA) MCS	CH93	6320	6751	360.00	17.00	60.00	
	CH94	6340	6771	360.00	17.00	60.00	
	CH95	6360	6791	360.00	17.00	60.00	
802.11n (HTA) MCS	CH96	6380	6811	360.00	17.00	60.00	
	CH97	6400	6831	360.00	17.00	60.00	
	CH98	6420	6851	360.00	17.00	60.00	
802.11n (HTA) MCS	CH99	6440	6871	360.00	17.00	60.00	
	CH100	6460	6891	360.00	17.00	60.00	
	CH101	6480	6911	360.00	17.00	60.00	
802.11n (HTA) MCS	CH102	6500	6931	360.00	17.00	60.00	
	CH103	6520	6951	360.00	17.00	60.00	
	CH104	6540	6971	360.00	17.00	60.00	
802.11n (HTA) MCS	CH105	6560	6991	360.00	17.00	60.00	
	CH106	6580	7011	360.00	17.00	60.00	
	CH107	6600	7031	360.00	17.00	60.00	
802.11n (HTA) MCS	CH108	6620	7051	360.00	17.00	60.00	
	CH109	6640	7071	360.00	17.00	60.00	
	CH110	6660	7091	360.00	17.00	60.00	
802.11n (HTA) MCS	CH111	6680	7111	360.00	17.00	60.00	
	CH112	6700	7131	360.00	17.00	60.00	
	CH113	6720	7151	360.00	17.00	60.00	
802.11n (HTA) MCS	CH114	6740	7171	360.00	17.00	60.00	
	CH115	6760	7191	360.00	17.00	60.00	
	CH116	6780	7211	360.00	17.00	60.00	
802.11n (HTA) MCS	CH117	6800	7231	360.00	17.00	60.00	
	CH118	6820	7251	360.00	17.00	60.00	
	CH119	6840	7271	360.00	17.00	60.00	
802.11n (HTA) MCS	CH120	6860	7291	360.00	17.00	60.00	
	CH121	6880	7311	360.00	17.00	60.00	
	CH122	6900	7331	360.00	17.00	60.00	
802.11n (HTA) MCS	CH123	6920	7351	360.00	17.00	60.00	
	CH124	6940	7371	360.00	17.00	60.00	
	CH125	6960	7391	360.00	17.00	60.00	
802.11n (HTA) MCS	CH126	6980	7411	360.00	17.00	60.00	
	CH127	7000	7431	360.00	17.00	60.00	
	CH128	7020	7451	360.00	17.00	60.00	
802.11n (HTA) MCS	CH129	7040	7471	360.00	17.00	60.00	
	CH130	7060	7491	360.00	17.00	60.00	
	CH131	7080	7511	360.00	17.00	60.00	
802.11n (HTA) MCS	CH132	7100	7531	360.00	17.00	60.00	
	CH133	7120	7551	360.00	17.00	60.00	
	CH134	7140	7571	360.00	17.00	60.00	
802.11n (HTA) MCS	CH135	7160	7591	360.00	17.00	60.00	
	CH136	7180	7611	360.00	17.00	60.00	
	CH137	7200	7631	360.00	17.00	60.00	
802.11n (HTA) MCS	CH138	7220	7651	360.00	17.00	60.00	
	CH139	7240	7671	360.00	17.00	60.00	
	CH140	7260	7691	360.00	17.00	60.00	
802.11n (HTA) MCS	CH141	7280	7711	360.00	17.00	60.00	
	CH142	7300	7731	360.00	17.00	60.00	
	CH143	7320	7751	360.00	17.00	60.00	
802.11n (HTA) MCS	CH144	7340	7771	360.00	17.00	60.00	
	CH145	7360	7791	360.00	17.00	60.00	
	CH146	7380	7811	360.00	17.00	60.00	
802.11n (HTA) MCS	CH147	7400	7831	360.00	17.00	60.00	
	CH148	7420	7851	360.00	17.00	60.00	
	CH149	7440	7871	360.00	17.00	60.00	
802.11n (HTA) MCS	CH150	7460	7891	360.00	17.00	60.00	
	CH151	7480	7911	360.00	17.00	60.00	
	CH152	7500	7931	360.00	17.00	60.00	
802.11n (HTA) MCS	CH153	7520	7951	360.00	17.00	60.00	
	CH154	7540	7971	360.00	17.00	60.00	
	CH155	7560	7991	360.00	17.00	60.00	
802.11n (HTA) MCS	CH156	7580	8011	360.00	17.00	60.00	
	CH157	7600	8031	360.00	17.00	60.00	
	CH158	7620	8051	360.00	17.00	60.00	
802.11n (HTA) MCS	CH159	7640	8071	360.00	17.00	60.00	
	CH160	7660	8091	360.00	17.00	60.00	
	CH161	7680	8111	360.00	17.00	60.00	
802.11n (HTA) MCS	CH162	7700	8131	360.00	17.00	60.00	
	CH163	7720	8151	360.00	17.00	60.00	
	CH164	7740	8171	360.00	17.00	60.00	
802.11n (HTA) MCS	CH165	7760	8191	360.00	17.00	60.00	
	CH166	7780	8211	360.00	17.00	60.00	
	CH167	7800	8231	360.00	17.00	60.00	
802.11n (HTA) MCS	CH168	7820	8251	360.00	17.00	60.00	
	CH169	7840	8271	360.00	17.00	60.00	
	CH170	7860	8291	360.00	17.00	60.00	
802.11n (HTA) MCS	CH171	7880	8311	360.00	17.00	60.00	
	CH172	7900	8331	360.00	17.00	60.00	
	CH173	7920	8351	360.00	17.00	60.00	
802.11n (HTA) MCS	CH174	7940	8371	360.00	17.00	60.00	
	CH175	7960	8391	360.00	17.00	60.00	
	CH176	7980	8411	360.00	17.00	60.00	
802.11n (HTA) MCS	CH177	8000	8431	360.00	17.00	60.00	
	CH178	8020	8451	360.00	17.00	60.00	
	CH179	8040	8471	360.00	17.00	60.00	
802.11n (HTA) MCS	CH180	8060	8491	360.00	17.00	60.00	
	CH181	8080	8511	360.00	17.00	60.00	
	CH182	8100	8531	360.00	17.00	60.00	
802.11n (HTA) MCS	CH183	8120	8551	360.00	17.00	60.00	
	CH184	8140	8571	360.00	17.00	60.00	
	CH185	8160	8591	360.00	17.00	60.00	
802.11n (HTA) MCS	CH186	8180	8611	360.00	17.00	60.00	
	CH187	8200	8631	360.00	17.00	60.00	
	CH188	8220	8651	360.00	17.00	60.00	
802.11n (HTA) MCS	CH189	8240	8671	360.00	17.00	60.00	
	CH190	8260	8691	360.00	17.00	60.00	
	CH191	8280	8711	360.00	17.00	60.00	
802.11n (HTA) MCS	CH192	8300	8731	360.00	17.00	60.00	
	CH193	8320	8751	360.00	17.00	60.00	
	CH194	8340	8771	360.00	17.00	60.00	
802.11n (HTA) MCS	CH195	8360	8791	360.00	17.00	60.00	
	CH196	8380	8811	360.00	17.00	60.00	
	CH197	8400	8831	360.00	17.00	60.00	
802.11n (HTA) MCS	CH198	8420	8851	360.00	17.00	60.00	
	CH199	8440	8871	360.00	17.00	60.00	
	CH200	8460	8891	360.00	17.00	60.00	
802.11n (HTA) MCS	CH201	8480	8911	360.00	17.00	60.00	
	CH202	8500	8931	360.00	17.00	60.00	
	CH203	8520	8951	360.00	17.00	60.00	
802.11n (HTA) MCS	CH204	8540	8971	360.00	17.00	60.00	
	CH205	8560	8991	360.00	17.00	60.00	
	CH206	8580	9011	360.00	17.00	60.00	
802.11n (HTA) MCS	CH207	8600	9031	360.00	17.00	60.00	
	CH208	8620	9051	360.00	17.00	60.00	
	CH209	8640	9071	360.00	17.00	60.00	
802.11n (HTA) MCS	CH210	8660	9091	360.00	17.00	60.00	
	CH211	8680	9111	360.00	17.00	60.00	
	CH212	8700	9131	360.00	17.00	60.00	
802.11n (HTA) MCS	CH213	8720	9151	360.00	17.00	60.00	
	CH214	8740	9171	360.00	17.00	60.00	
	CH215	8760	9191	360.00	17.00	60.00	

ECHO WAN AN 2						
Area	Channel	Frequency (MHz)	Power (dBm)	Service Class	Power Status	Use Case
5.0 GHz WDS	WDS 1A (Main)	5815	16.00	16.00	16.00	16.00
	WDS 1B (Main)	5825	16.00	16.00	16.00	16.00
	WDS 1C (Main)	5835	16.00	16.00	16.00	16.00
	WDS 1D (Main)	5845	16.00	16.00	16.00	16.00
	WDS 1E (Main)	5855	16.00	16.00	16.00	16.00
	WDS 1F (Main)	5865	16.00	16.00	16.00	16.00
	WDS 1G (Main)	5875	16.00	16.00	16.00	16.00
	WDS 1H (Main)	5885	16.00	16.00	16.00	16.00
	WDS 1I (Main)	5895	16.00	16.00	16.00	16.00
	WDS 1J (Main)	5905	16.00	16.00	16.00	16.00
5.0 GHz WDS	WDS 2A (Main)	5915	16.00	16.00	16.00	16.00
	WDS 2B (Main)	5925	16.00	16.00	16.00	16.00
	WDS 2C (Main)	5935	16.00	16.00	16.00	16.00
	WDS 2D (Main)	5945	16.00	16.00	16.00	16.00
	WDS 2E (Main)	5955	16.00	16.00	16.00	16.00
	WDS 2F (Main)	5965	16.00	16.00	16.00	16.00
	WDS 2G (Main)	5975	16.00	16.00	16.00	16.00
	WDS 2H (Main)	5985	16.00	16.00	16.00	16.00
	WDS 2I (Main)	5995	16.00	16.00	16.00	16.00
	WDS 2J (Main)	6005	16.00	16.00	16.00	16.00

EE WAMANT 2						
	State	Channel	Frequency (MHz)	Transmit Power (dBm)	Transmit Power (dBm)	Min Rx Power (dBm)
4 (same as table 1)	RED 1 to RED4	CH 100	5860	-10.0	10.0	-80.0
		CH 101	5870	-10.0	10.0	-80.0
		CH 102	5880	-10.0	10.0	-80.0
		CH 103	5890	-10.0	10.0	-80.0
		CH 104	5900	-10.0	10.0	-80.0
		CH 105	5910	-10.0	10.0	-80.0
		CH 106	5920	-10.0	10.0	-80.0
		CH 107	5930	-10.0	10.0	-80.0
		CH 108	5940	-10.0	10.0	-80.0
		CH 109	5950	-10.0	10.0	-80.0
RED 1 to RED4	RED 1 to RED4	CH 110	5960	-10.0	10.0	-80.0
		CH 111	5970	-10.0	10.0	-80.0
		CH 112	5980	-10.0	10.0	-80.0
		CH 113	5990	-10.0	10.0	-80.0
		CH 114	6000	-10.0	10.0	-80.0
		CH 115	6010	-10.0	10.0	-80.0
		CH 116	6020	-10.0	10.0	-80.0
		CH 117	6030	-10.0	10.0	-80.0
		CH 118	6040	-10.0	10.0	-80.0
		CH 119	6050	-10.0	10.0	-80.0
RED 1 to RED4	RED 1 to RED4	CH 120	6060	-10.0	10.0	-80.0
		CH 121	6070	-10.0	10.0	-80.0
		CH 122	6080	-10.0	10.0	-80.0
		CH 123	6090	-10.0	10.0	-80.0
		CH 124	6100	-10.0	10.0	-80.0
		CH 125	6110	-10.0	10.0	-80.0
		CH 126	6120	-10.0	10.0	-80.0
		CH 127	6130	-10.0	10.0	-80.0
		CH 128	6140	-10.0	10.0	-80.0
		CH 129	6150	-10.0	10.0	-80.0
RED 1 to RED4	RED 1 to RED4	CH 130	6160	-10.0	10.0	-80.0
		CH 131	6170	-10.0	10.0	-80.0
		CH 132	6180	-10.0	10.0	-80.0
		CH 133	6190	-10.0	10.0	-80.0
		CH 134	6200	-10.0	10.0	-80.0
		CH 135	6210	-10.0	10.0	-80.0
		CH 136	6220	-10.0	10.0	-80.0
		CH 137	6230	-10.0	10.0	-80.0
		CH 138	6240	-10.0	10.0	-80.0
		CH 139	6250	-10.0	10.0	-80.0
RED 1 to RED4	RED 1 to RED4	CH 140	6260	-10.0	10.0	-80.0
		CH 141	6270	-10.0	10.0	-80.0
		CH 142	6280	-10.0	10.0	-80.0
		CH 143	6290	-10.0	10.0	-80.0
		CH 144	6300	-10.0	10.0	-80.0
		CH 145	6310	-10.0	10.0	-80.0
		CH 146	6320	-10.0	10.0	-80.0
		CH 147	6330	-10.0	10.0	-80.0
		CH 148	6340	-10.0	10.0	-80.0
		CH 149	6350	-10.0	10.0	-80.0

5E WLAN ANT 2						
	Mode	Channel	Frequency (MHz)	Average power (mW)	Transmit Loss	Power density
802.11a (5GHz)		CH 36	5250	18.00	17.20	16.80
		CH 37	5350	18.00	17.20	16.80
		CH 38	5450	18.00	17.20	16.80
		CH 39	5550	18.00	17.20	16.80
		CH 40	5650	18.00	17.20	16.80
		CH 41	5750	18.00	17.20	16.80
		CH 42	5850	18.00	17.20	16.80
		CH 43	5950	18.00	17.20	16.80
		CH 44	6050	18.00	17.20	16.80
		CH 45	6150	18.00	17.20	16.80
802.11a (5GHz) MCS		CH 36	5250	18.00	17.20	16.80
		CH 37	5350	18.00	17.20	16.80
		CH 38	5450	18.00	17.20	16.80
		CH 39	5550	18.00	17.20	16.80
		CH 40	5650	18.00	17.20	16.80
		CH 41	5750	18.00	17.20	16.80
		CH 42	5850	18.00	17.20	16.80
		CH 43	5950	18.00	17.20	16.80
		CH 44	6050	18.00	17.20	16.80
		CH 45	6150	18.00	17.20	16.80
802.11b (2.4GHz)		CH 1	2412	18.00	17.20	16.80
		CH 2	2437	18.00	17.20	16.80
		CH 3	2462	18.00	17.20	16.80
		CH 4	2487	18.00	17.20	16.80
		CH 5	2512	18.00	17.20	16.80
		CH 6	2537	18.00	17.20	16.80
		CH 7	2562	18.00	17.20	16.80
		CH 8	2587	18.00	17.20	16.80
		CH 9	2612	18.00	17.20	16.80
		CH 10	2637	18.00	17.20	16.80
802.11b (2.4GHz) MCS		CH 1	2412	18.00	17.20	16.80
		CH 2	2437	18.00	17.20	16.80
		CH 3	2462	18.00	17.20	16.80
		CH 4	2487	18.00	17.20	16.80
		CH 5	2512	18.00	17.20	16.80
		CH 6	2537	18.00	17.20	16.80
		CH 7	2562	18.00	17.20	16.80
		CH 8	2587	18.00	17.20	16.80
		CH 9	2612	18.00	17.20	16.80
		CH 10	2637	18.00	17.20	16.80
802.11g (2.4GHz)		CH 1	2412	18.00	17.20	16.80
		CH 2	2437	18.00	17.20	16.80
		CH 3	2462	18.00	17.20	16.80
		CH 4	2487	18.00	17.20	16.80
		CH 5	2512	18.00	17.20	16.80
		CH 6	2537	18.00	17.20	16.80
		CH 7	2562	18.00	17.20	16.80
		CH 8	2587	18.00	17.20	16.80
		CH 9	2612	18.00	17.20	16.80
		CH 10	2637	18.00	17.20	16.80
802.11g (2.4GHz) MCS		CH 1	2412	18.00	17.20	16.80
		CH 2	2437	18.00	17.20	16.80
		CH 3	2462	18.00	17.20	16.80
		CH 4	2487	18.00	17.20	16.80
		CH 5	2512	18.00	17.20	16.80
		CH 6	2537	18.00	17.20	16.80
		CH 7	2562	18.00	17.20	16.80
		CH 8	2587	18.00	17.20	16.80
		CH 9	2612	18.00	17.20	16.80
		CH 10	2637	18.00	17.20	16.80

4.2GHz WLAN ANT 2							
4.2GHz WLAN ANT 2	Mode	Channel	Frequency (MHz)	Powermax power (dBm)	Transmit Lvl	Power Setting	Duty Cycle (%)
	802.11a-HighRate MCS0	Ch 1	5850	4.00	5.00	4.00	94.65
		Ch 48	5925	4.00	4.00	4.00	97.28
		Ch 53	5980	5.00	5.00	5.00	94.65
		Ch 59	6040	7.00	6.00	6.00	71.43
		Ch 61	6060	8.00	6.00	6.00	76.19
	802.11a-HighRate MCS0	Ch 7	5850	9.00	9.00	10.00	66.26
		Ch 55	6020	10.00	10.00	10.00	64.29
	802.11a-HighRate MCS0	Ch 37	6285	9.00	10.00	10.00	66.26

E.5GHz WLAN ANT 2							
E.5GHz WLAN ANT 2	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle (%)
	802.11a/n/ac MCS0	CH 37	8650	6.68	7.50	7.50	84.85
		CH 105	8670	6.24	7.50	7.50	84.85
		CH 113	8610	6.70	8.50	7.50	84.37
	802.11a/n/ac MCS2	CH 39	8665	7.07	8.50	8.00	71.43
		CH 107	8665	7.47	8.50	8.00	75.00
		CH 103	8665	6.21	10.00	10.00	64.29

E7 WLAN Ant 2						
	Mode	Channel	Frequency (MHz)	Antenna Gain (dBi)	Power Setting	Typ. Tx Power (dBm)
E 7 WLAN Ant 2 Ant 2	802.11a/b/g/n MCS2	CH 117	6850	6.53	7.53	64.53
		CH 146	6880	6.71	7.69	64.85
		CH 181	6890	6.71	7.69	64.85
		CH 186	6900	6.71	7.69	64.85
		CH 191	6910	6.71	7.69	64.85
	802.11a/b/g/n MCS3	CH 147	6860	7.06	8.03	70.19
		CH 148	6860	7.06	8.03	70.19
		CH 149	6860	7.06	8.03	70.19
		CH 176	6890	7.06	8.03	70.19
		CH 177	6890	7.06	8.03	70.19
802.11a/b/g/n MCS4	CH 150	6870	9.50	10.50	64.26	
	CH 151	6870	9.50	10.50	64.26	
	CH 152	6870	9.50	10.50	64.26	

7.0 WILAN ANT 2							
Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-On Time (s)	Power Setting	Settling Delay (s)	
7.0.0 WILAN ANT 2	802.11a-HQ40 MCS0	CH 180	6875	6.07	7.00	7.00	84.65
	802.11a-HQ40 MCS0	CH 180	6875	6.07	7.00	7.00	84.65
	802.11a-HQ40 MCS0	CH 220	7715	5.98	6.50	7.00	84.65
	802.11a-HQ40 MCS0	CH 187	6880	7.00	6.50	6.50	75.00
	802.11a-HQ40 MCS0	CH 232	6860	6.17	6.50	6.50	71.43
	802.11a-HQ40 MCS0	CH 237	7025	7.07	8.00	8.00	71.43
	802.11a-HQ40 MCS0	CH 196	6860	6.07	70.00	10.00	64.29
		CH 215	7025	6.19	10.00	10.00	60.00

EAGLE WILAN ANT 142							
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit time (s)	Power Setting	Idle Cycle (s)
EAGLE WILAN ANT 142	802.11g 54Mbps	Ch 1	2412	N/A	N/A	N/A	N/A
		Ch 2	2424	N/A	N/A	N/A	N/A
		Ch 3	2436	N/A	N/A	N/A	N/A
		Ch 12	2412	N/A	N/A	N/A	N/A
		Ch 11	2424	N/A	N/A	N/A	N/A
		Ch 7	2462	N/A	N/A	N/A	N/A
	802.11g 54Mbps	Ch 12	2412	N/A	N/A	N/A	N/A
		Ch 11	2424	N/A	N/A	N/A	N/A
		Ch 10	2436	16.40	16.40	16.40	16.11
		Ch 9	2448	16.40	16.40	16.40	16.11
		Ch 8	2460	16.40	16.40	16.40	16.11
		Ch 7	2472	16.40	16.40	16.40	16.11
	802.11n HT20 MCS9	Ch 1	2412	17.10	18.00	18.00	16.40
		Ch 2	2424	16.40	16.40	16.40	16.11
		Ch 3	2436	16.40	16.40	16.40	16.11
		Ch 12	2412	16.40	16.40	16.40	16.11
		Ch 11	2424	16.40	16.40	16.40	16.11
		Ch 7	2472	16.40	16.40	16.40	16.11
802.11n HT40 MCS9	Ch 1	2412	17.10	18.00	18.00	16.40	
	Ch 2	2424	16.40	16.40	16.40	16.11	
	Ch 3	2436	16.40	16.40	16.40	16.11	
	Ch 12	2412	16.40	16.40	16.40	16.11	
	Ch 11	2424	16.40	16.40	16.40	16.11	
	Ch 7	2472	16.40	16.40	16.40	16.11	

2020 WEAN AWT 1+2							
		Class	Frequency	Average group size	Yr 1 to Yr 2	Yr 2 to Yr 3	Drop Out %
1 year old wean	RED 1-YR WEAN	CD-20	25:00	NA/N	NA/N	NA/N	NA/N
		CD-24	02:00	NA/N	NA/N	NA/N	NA/N
		CD-16	02:00	NA/N	NA/N	NA/N	NA/N
		CD-24	02:00	10:00	NA/N	NA/N	NA/N
		CD-16	02:00	10:00	NA/N	NA/N	NA/N
		CD-24	02:00	10:00	NA/N	NA/N	NA/N
	RED 1-YR WEAN BCS	CD-20	02:00	10:00	10:00	10:00	87.5%
		CD-24	02:00	10:00	10:00	10:00	87.5%
		CD-16	02:00	10:00	10:00	10:00	87.5%
		CD-24	02:00	10:00	10:00	10:00	87.5%
		CD-16	02:00	10:00	10:00	10:00	87.5%
		CD-24	02:00	10:00	10:00	10:00	87.5%
RED 1-YR WEAN BCS	CD-20	02:00	10:00	10:00	10:00	87.5%	
	CD-24	02:00	10:00	10:00	10:00	87.5%	
	CD-16	02:00	10:00	10:00	10:00	87.5%	
	CD-24	02:00	10:00	10:00	10:00	87.5%	
	CD-16	02:00	10:00	10:00	10:00	87.5%	
	CD-24	02:00	10:00	10:00	10:00	87.5%	
RED 1-YR WEAN BCS	CD-20	02:00	10:00	10:00	10:00	87.5%	
	CD-24	02:00	10:00	10:00	10:00	87.5%	
	CD-16	02:00	10:00	10:00	10:00	87.5%	
	CD-24	02:00	10:00	10:00	10:00	87.5%	
	CD-16	02:00	10:00	10:00	10:00	87.5%	
	CD-24	02:00	10:00	10:00	10:00	87.5%	

30th JULIAN APT 4							
	Room	Channel	Frequency (MHz)	Average speed (km/h)	Time to fix (min)	Power Rating	Drop Rate (%)
30th JULIAN APT 4	RED 1-1A (HALL)	D-130	5500	N/A	N/A	N/A	N/A
		D-130	5500	N/A	N/A	N/A	N/A
		D-144	5500	N/A	N/A	N/A	N/A
		D-144	5500	10.07	10.00	17.00	100.00
	RED 1-1A (HALL)	D-130	5500	10.07	10.00	17.00	100.00
		D-130	5500	10.07	10.00	17.00	100.00
		D-144	5500	10.06	10.00	17.00	100.00
		D-144	5500	10.06	10.00	17.00	100.00
	RED 1-1A (HALL)	D-130	5500	10.06	10.00	16.00	100.00
		D-130	5500	10.06	10.00	16.00	100.00
		D-144	5500	10.06	10.00	16.00	100.00
		D-144	5500	10.06	10.00	16.00	100.00
RED 1-1A (HALL)	D-130	5500	10.06	10.00	16.00	100.00	
	D-130	5500	10.06	10.00	16.00	100.00	
	D-144	5500	10.06	10.00	16.00	100.00	
	D-144	5500	10.06	10.00	16.00	100.00	

IS WILANET 1-2							
	Year	Classed	Assessed	Average score (2015)	Year 15 score	Assess. Status	End of 15
3 years until 2015	RED 1-1a (Helm)	2013-2014	55500	NA	NA	NA	NA
		2014-2015	55500	NA	NA	NA	NA
		2015-2016	57500	NA	NA	NA	NA
	RED 1-1a (Hatched)	2013-2014	55500	10.70	10.70	11.00	100%
		2014-2015	55500	10.70	10.70	11.00	100%
		2015-2016	57500	10.70	10.70	11.00	100%
	RED 1-1a (Hatched)	2013-2014	55500	10.70	10.70	11.00	100%
		2014-2015	55500	10.70	10.70	11.00	100%
		2015-2016	57500	10.70	10.70	11.00	100%
	RED 1-1a (Hatched)	2013-2014	55500	10.70	10.70	11.00	100%
		2014-2015	55500	10.70	10.70	11.00	100%
		2015-2016	57500	10.70	10.70	11.00	100%
RED 1-1a (Hatched)	2013-2014	55500	10.70	10.70	11.00	100%	
	2014-2015	55500	10.70	10.70	11.00	100%	
	2015-2016	57500	10.70	10.70	11.00	100%	
RED 1-1a (Hatched)	2013-2014	55500	10.70	10.70	11.00	100%	
	2014-2015	55500	10.70	10.70	11.00	100%	
	2015-2016	57500	10.70	10.70	11.00	100%	
RED 1-1a (Hatched)	2013-2014	55500	10.70	10.70	11.00	100%	
	2014-2015	55500	10.70	10.70	11.00	100%	
	2015-2016	57500	10.70	10.70	11.00	100%	
RED 1-1a (Hatched)	2013-2014	55500	10.70	10.70	11.00	100%	
	2014-2015	55500	10.70	10.70	11.00	100%	
	2015-2016	57500	10.70	10.70	11.00	100%	

B3 WILANAT H-2							
	Model	Channel	Frequency (MHz)	Average power (dBm)	Power level	Power Status	Out-Of-Band
3 bands with 100MHz	B03-1-100MHz	TX-100	2742	N/A	N/A	N/A	N/A
		TX-101	2747	N/A	N/A	N/A	N/A
		TX-102	2752	N/A	N/A	N/A	N/A
	B03-1-100MHz B03-2	TX-100	2742	18.21	20.03	17.00	18.00
		TX-101	2747	18.21	20.03	17.00	18.00
		TX-102	2752	18.21	20.03	17.00	18.00
	B03-1-100MHz B03-3	TX-101	2747	18.21	20.03	17.00	18.00
		TX-102	2752	18.21	20.03	17.00	18.00
		TX-100	2742	18.21	20.03	17.00	18.00
	B03-1-100MHz B03-4	TX-101	2747	18.21	20.03	17.00	18.00
		TX-102	2752	18.21	20.03	17.00	18.00
		TX-100	2742	18.21	20.03	17.00	18.00
B03-1-100MHz B03-5	TX-101	2747	18.21	20.03	17.00	18.00	
	TX-102	2752	18.21	20.03	17.00	18.00	
	TX-100	2742	18.21	20.03	17.00	18.00	
B03-1-100MHz B03-6	TX-101	2747	18.21	20.03	17.00	18.00	
	TX-102	2752	18.21	20.03	17.00	18.00	
	TX-100	2742	18.21	20.03	17.00	18.00	
B03-1-100MHz B03-7	TX-101	2747	18.21	20.03	17.00	18.00	
	TX-102	2752	18.21	20.03	17.00	18.00	
	TX-100	2742	18.21	20.03	17.00	18.00	
B03-1-100MHz B03-8	TX-101	2747	18.21	20.03	17.00	18.00	
	TX-102	2752	18.21	20.03	17.00	18.00	
	TX-100	2742	18.21	20.03	17.00	18.00	

1.20MHz WLAN ANT 1+2							
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-off time (ms)	Power Spectral Density (dBm/MHz)	Duty Cycle (%)
		1.20MHz WLAN ANT 1+2	CH 1	9650	9.56	10.00	4.00
1.20MHz WLAN ANT 1+2	IEEE 802.11a-HEC(20) MCS0	CH 2	9710	9.56	10.00	4.00	84.85
		CH 3	9870	10.07	11.00	6.00	76.19
		CH 4	9930	11.08	12.00	8.00	64.29
		CH 5	9990	12.09	13.00	10.00	54.76
1.20MHz WLAN ANT 1+2	IEEE 802.11a-HEC(20) MCS0	CH 6	10050	13.00	14.00	12.00	46.48
		CH 7	10110	14.01	15.00	14.00	39.30
		CH 8	10170	15.02	16.00	16.00	33.33
		CH 9	10230	16.03	17.00	18.00	28.57

5.5GHz WLAN ANT 1+2							
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Loss Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1+2	802.11a+4020 MCS0	CH 07	6435	9.31	9.00	4.00	84.85
		CH 105	6435	9.85	9.00	4.00	84.85
		CH 113	6510	9.49	9.00	4.00	84.85
	802.11a+HC980 MCS0	CH 69	6460	10.83	11.00	6.00	80.00
		CH 107	6460	10.87	11.00	6.00	75.00
		CH 103	6460	14.13	15.00	9.00	84.29

E.7 WILAN ANT +2						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit power	Power Setting	duty Cycle (%)
802.11a/b/g/n MCS0	CH 117	6525	0.46	0.00	4.00	84.37
	CH 166	6660	0.90	0.00	4.00	84.65
	CH 181	6805	7.80	0.00	4.00	84.85
802.11a/b/g/n MCS1	CH 120	6600	-7.80	0.00	4.00	76.14
	CH 147	6865	-10.49	11.00	0.00	75.20
	CH 179	6840	10.31	11.00	0.00	75.18
802.11a/b/g/n MCS2	CH 156	6905	13.04	14.00	0.00	64.29
	CH 171	6970	16.00	14.00	0.00	64.29
	CH 187	6750	13.04	14.00	0.00	64.29

T3 WILAN AT +2							
Male		Channel	Frequency (MHz)	Average power (dBm)	Turn-Up (dB)	Power Setting	Duty Cycle %
7.5200 MHz WILAN 1x1	802.11a (H2C) MCS0	CH186	8075	7.78	8.50	4.00	84.85
		CH187	8090	7.61	8.50	4.00	84.85
		CH188	7915	7.52	8.50	4.00	84.85
		CH189	8080	10.30	11.00	8.00	76.19
	802.11a (H2C) MCS0	CH203	8660	10.20	11.00	8.00	76.19
		CH207	7065	10.10	11.00	8.00	76.19
		CH209	8645	10.20	11.00	8.00	76.19
		CH210	7075	10.12	10.00	8.00	64.29