



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		4830	54.92	-19.08	74	75.85	34.2	10.25	65.38	107	77	P	H
		4830	44.88	-9.12	54	65.81	34.2	10.25	65.38	107	77	A	H
		4830	48.68	-25.32	74	69.61	34.2	10.25	65.38	100	0	P	V
802.11g CH 06 2437MHz		4875	61.86	-12.14	74	82.76	34.23	10.29	65.42	115	43	P	H
		4875	50.6	-3.4	54	71.5	34.23	10.29	65.42	115	43	A	H
		7305	50.03	-23.97	74	70.36	35.86	12.72	65.91	300	0	P	H
		9750	49.65	-39.75	89.40	64.9	36.81	14.99	67.05	300	0	P	H
		4875	58.77	-15.23	74	79.67	34.23	10.29	65.42	385	21	P	V
		4875	48.99	-5.01	54	69.89	34.23	10.29	65.42	385	21	A	V
		7320	50.57	-23.43	74	67.94	35.87	12.72	65.96	100	0	P	V
		9735	50.53	-33.6	84.13	65.79	36.79	14.98	67.03	100	0	P	V
802.11g CH 11 2462MHz		4920	57.29	-16.71	74	78.14	34.26	10.34	65.45	138	44	P	H
		4920	47.1	-6.9	54	67.95	34.26	10.34	65.45	138	44	A	H
		7380	47.35	-26.65	74	64.85	35.88	12.73	66.11	300	0	P	H
		4920	57.93	-16.07	74	78.78	34.26	10.34	65.45	400	22	P	V
		4920	48.2	-5.8	54	69.05	34.26	10.34	65.45	400	22	A	V
		7380	45.23	-28.77	74	62.73	35.88	12.73	66.11	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 01 2412MHz		2389.56	67.77	-6.23	74	64.65	32.88	7.1	36.86	132	100	P	H
		2389.95	52.77	-1.23	54	49.65	32.88	7.1	36.86	132	100	A	H
	*	2408	111.57	-	-	108.39	32.9	7.13	36.85	132	100	P	H
	*	2408	103.69	-	-	100.51	32.9	7.13	36.85	132	100	A	H
		2385.01	57.9	-16.1	74	54.81	32.86	7.1	36.87	302	67	P	V
		2389.95	42.14	-11.86	54	39.02	32.88	7.1	36.86	302	67	A	V
	*	2418	102.38	-	-	99.17	32.9	7.16	36.85	302	67	P	V
	*	2418	94.67	-	-	91.46	32.9	7.16	36.85	302	67	A	V
802.11n HT20 CH 11 2462MHz		2483.56	67.95	-6.05	74	64.54	32.98	7.25	36.82	382	295	P	H
		2483.5	52.33	-1.67	54	48.92	32.98	7.25	36.82	382	295	A	H
	*	2460	111.29	-	-	107.94	32.96	7.22	36.83	382	295	P	H
	*	2460	103.16	-	-	99.81	32.96	7.22	36.83	382	295	A	H
		2483.86	54.81	-19.19	74	51.4	32.98	7.25	36.82	381	5	P	V
		2483.5	41.53	-12.47	54	38.12	32.98	7.25	36.82	381	5	A	V
	*	2456	104.77	-	-	101.42	32.96	7.22	36.83	381	5	P	V
	*	2456	96.98	-	-	93.63	32.96	7.22	36.83	381	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 01 2412MHz		4830	55.75	-18.25	74	76.68	34.2	10.25	65.38	100	76	P	H
		4830	44.24	-9.76	54	65.17	34.2	10.25	65.38	100	76	A	H
		4830	47.37	-26.63	74	68.3	34.2	10.25	65.38	100	0	P	V
		4830	47.37	-26.63	74	68.3	34.2	10.25	65.38	100	0	P	V
802.11n HT20 CH 06 2437MHz		4875	60.83	-13.17	74	81.73	34.23	10.29	65.42	148	51	P	H
		4875	50.52	-3.48	54	71.42	34.23	10.29	65.42	148	51	A	H
		7305	49.46	-24.54	74	66.79	35.86	12.72	65.91	300	0	P	H
		9750	47.85	-41.9	89.75	63.1	36.81	14.99	67.05	300	0	P	H
		4875	60.17	-13.83	74	81.07	34.23	10.29	65.42	341	27	P	V
		4875	49.79	-4.21	54	70.69	34.23	10.29	65.42	341	27	A	V
		7305	47.91	-26.09	74	65.24	35.86	12.72	65.91	100	0	P	V
		9750	49	-33.62	82.62	64.25	36.81	14.99	67.05	100	0	P	V
802.11n HT20 CH 11 2462MHz		4920	59.65	-14.35	74	80.5	34.26	10.34	65.45	100	125	P	H
		4920	49.19	-4.81	54	70.04	34.26	10.34	65.45	100	125	A	H
		7380	43.38	-30.62	74	60.88	35.88	12.73	66.11	300	0	P	H
		4920	49.62	-24.38	74	70.47	34.26	10.34	65.45	100	0	P	V
		7380	43.18	-30.82	74	60.68	35.88	12.73	66.11	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 03 2422MHz		2388.91	67.62	-6.38	74	64.5	32.88	7.1	36.86	127	84	P	H
		2389.95	52.66	-1.34	54	49.54	32.88	7.1	36.86	127	84	A	H
		2484.04	55.14	-18.86	74	51.73	32.98	7.25	36.82	127	84	P	H
		2483.56	44.1	-9.9	54	40.69	32.98	7.25	36.82	127	84	A	H
	*	2430	108.92	-	-	105.69	32.92	7.16	36.85	127	84	P	H
	*	2424	100.54	-	-	97.31	32.92	7.16	36.85	127	84	A	H
		2388.91	56.89	-17.11	74	53.77	32.88	7.1	36.86	387	4	P	V
		2389.82	43.67	-10.33	54	40.55	32.88	7.1	36.86	387	4	A	V
		2484.82	50.81	-23.19	74	47.4	32.98	7.25	36.82	387	4	P	V
		2491.42	39.51	-14.49	54	36.07	33	7.25	36.81	387	4	A	V
	*	2428	102.47	-	-	99.24	32.92	7.16	36.85	387	4	P	V
	*	2432	94.68	-	-	91.45	32.92	7.16	36.85	387	4	A	V
802.11n HT40 CH 06 2437MHz		2389.82	67.6	-6.4	74	64.48	32.88	7.1	36.86	129	98	P	H
		2389.95	52.46	-1.54	54	49.34	32.88	7.1	36.86	129	98	A	H
		2483.86	66.01	-7.99	74	62.6	32.98	7.25	36.82	129	98	P	H
		2483.5	50.97	-3.03	54	47.56	32.98	7.25	36.82	129	98	A	H
	*	2434	110.17	-	-	106.94	32.92	7.16	36.85	129	98	P	H
	*	2436	101.96	-	-	98.7	32.92	7.19	36.85	129	98	A	H
		2385.4	58.9	-15.1	74	55.81	32.86	7.1	36.87	378	5	P	V
		2388.78	43.83	-10.17	54	40.71	32.88	7.1	36.86	378	5	A	V
		2484.76	56.59	-17.41	74	53.18	32.98	7.25	36.82	378	5	P	V
		2483.5	42.22	-11.78	54	38.81	32.98	7.25	36.82	378	5	A	V
	*	2446	105.88	-	-	102.59	32.94	7.19	36.84	378	5	P	V
	*	2438	97.44	-	-	94.15	32.94	7.19	36.84	378	5	A	V



802.11n HT40 CH 09 2452MHz		2364.99	53.52	-20.48	74	50.5	32.83	7.07	36.88	332	96	P	H
		2389.95	42.28	-11.72	54	39.16	32.88	7.1	36.86	332	96	A	H
		2483.68	70	-4	74	66.59	32.98	7.25	36.82	332	96	P	H
		2483.5	52.22	-1.78	54	48.81	32.98	7.25	36.82	332	96	A	H
	*	2456	108.98	-	-	105.63	32.96	7.22	36.83	332	96	P	H
	*	2456	100.48	-	-	97.13	32.96	7.22	36.83	332	96	A	H
		2387.61	50.09	-23.91	74	46.97	32.88	7.1	36.86	380	4	P	V
		2389.82	38.99	-15.01	54	35.87	32.88	7.1	36.86	380	4	A	V
		2483.62	61.03	-12.97	74	57.62	32.98	7.25	36.82	380	4	P	V
		2483.5	43.56	-10.44	54	40.15	32.98	7.25	36.82	380	4	A	V
	*	2448	103.45	-	-	100.16	32.94	7.19	36.84	380	4	P	V
	*	2450	95.19	-	-	91.9	32.94	7.19	36.84	380	4	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 03 2422MHz		4845	48.84	-25.16	74	69.77	34.21	10.25	65.39	300	0	P	H
		7260	43	-31	74	60.19	35.85	12.72	65.76	300	0	P	H
		4845	48.35	-25.65	74	69.28	34.21	10.25	65.39	100	0	P	V
		7260	42.58	-31.42	74	59.77	35.85	12.72	65.76	100	0	P	V
802.11n HT40 CH 06 2437MHz		4875	56.14	-17.86	74	77.04	34.23	10.29	65.42	100	285	P	H
		4875	45.67	-8.33	54	66.57	34.23	10.29	65.42	100	285	A	H
		7305	44.13	-29.87	74	61.46	35.86	12.72	65.91	300	0	P	H
		4890	55.86	-18.14	74	76.73	34.24	10.32	65.43	386	29	P	V
		4890	45.54	-8.46	54	66.41	34.24	10.32	65.43	386	29	A	V
		7305	44.5	-29.5	74	61.83	35.86	12.72	65.91	100	0	P	V
802.11n HT40 CH 09 2452MHz		4905	54.74	-19.26	74	75.59	34.25	10.34	65.44	154	45	P	H
		4905	44.27	-9.73	54	65.12	34.25	10.34	65.44	154	45	A	H
		7356	43.09	-30.91	74	60.55	35.87	12.73	66.06	300	0	P	H
		4905	54.99	-19.01	74	75.84	34.25	10.34	65.44	356	30	P	V
		4905	44	-10	54	64.85	34.25	10.34	65.44	356	30	A	V
		7350	42.91	-31.09	74	60.38	35.87	12.72	66.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		239.52	16.76	-29.24	46	28.76	18.74	2.36	33.1	-	-	P	H
		320.03	19.22	-26.78	46	28.72	20.68	2.72	32.9	-	-	P	H
		444.19	22.78	-23.22	46	28.77	23.5	3.22	32.71	-	-	P	H
		502.39	26.05	-19.95	46	30.86	24.55	3.43	32.79	-	-	P	H
		600.36	26.35	-19.65	46	29.61	25.5	3.74	32.5	-	-	P	H
		803.09	29.22	-16.78	46	30.48	26.92	4.33	32.51	-	-	P	H
		166.77	15.14	-28.36	43.5	28.97	17.1	1.97	32.9	-	-	P	V
		239.52	18.8	-27.2	46	30.8	18.74	2.36	33.1	-	-	P	V
		299.66	20.05	-25.95	46	30.11	20.2	2.64	32.9	-	-	P	V
		393.75	21.89	-24.11	46	29.12	22.55	3.03	32.81	-	-	P	V
		551.86	24.41	-21.59	46	27.54	25.88	3.59	32.6	-	-	P	V
		780.78	27.86	-18.14	46	29.42	26.75	4.27	32.58	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

Note symbol

-L	Low channel location
-R	High channel location



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																	
ANT	802.11g CH01 2412MHz																																																																	
1	Horizontal	Fundamental																																																																
Peak	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 17 Site: 030409-01 Condition: F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project: R08 100 100kHz VSWR 0.000 9000Hz SPT Auto Room: 17 Plane: 2 Full-directivity JRC1: 01 Powermetering: 18 <table><tr><th>Freq</th><th>Level</th><th>Unit</th><th>Bandwidth</th><th>Gain</th><th>Power</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2389.30</td><td>67.56</td><td>-6.44</td><td>74.00</td><td>64.44</td><td>22.03</td><td>7.10</td><td>36.95</td><td>122</td><td>93 Peak</td><td>NR122087</td></tr></table>	Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas	MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg		1	2389.30	67.56	-6.44	74.00	64.44	22.03	7.10	36.95	122	93 Peak	NR122087	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 18 Site: 030409-01 Condition: F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project: R08 100 100kHz VSWR 0.000 9000Hz SPT Auto Room: 17 Plane: 2 Full-directivity JRC1: 01 Powermetering: 18 <table><tr><th>Freq</th><th>Level</th><th>Unit</th><th>Bandwidth</th><th>Gain</th><th>Power</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2400.03</td><td>111.53</td><td>22.53</td><td>74.00</td><td>100.20</td><td>22.90</td><td>1.13</td><td>39.85</td><td>122</td><td>82 Peak</td><td>NR122087</td></tr></table>	Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas	MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg		1	2400.03	111.53	22.53	74.00	100.20	22.90	1.13	39.85	122	82 Peak	NR122087
Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas																																																									
MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg																																																										
1	2389.30	67.56	-6.44	74.00	64.44	22.03	7.10	36.95	122	93 Peak	NR122087																																																							
Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas																																																									
MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg																																																										
1	2400.03	111.53	22.53	74.00	100.20	22.90	1.13	39.85	122	82 Peak	NR122087																																																							
Avg.	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 18 Site: 030409-01 Condition: F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project: R08 100 100kHz VSWR 0.000 9000Hz SPT Auto Room: 17 Plane: 2 Full-directivity JRC1: 01 Powermetering: 18 <table><tr><th>Freq</th><th>Level</th><th>Unit</th><th>Bandwidth</th><th>Gain</th><th>Power</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2389.70</td><td>52.89</td><td>-11.11</td><td>54.00</td><td>49.77</td><td>22.03</td><td>7.10</td><td>36.95</td><td>122</td><td>93 Average</td><td>NR122087</td></tr></table>	Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas	MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg		1	2389.70	52.89	-11.11	54.00	49.77	22.03	7.10	36.95	122	93 Average	NR122087	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 18 Site: 030409-01 Condition: F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project: R08 100 100kHz VSWR 0.000 9000Hz SPT Auto Room: 17 Plane: 2 Full-directivity JRC1: 01 Powermetering: 18 <table><tr><th>Freq</th><th>Level</th><th>Unit</th><th>Bandwidth</th><th>Gain</th><th>Power</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><th>MHz</th><th>dBm/Hz</th><th>dB</th><th>dBm/Hz</th><th>dBm/Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2400.03</td><td>102.46</td><td>40.40</td><td>54.00</td><td>100.20</td><td>22.90</td><td>1.13</td><td>39.85</td><td>122</td><td>82 Average</td><td>NR122087</td></tr></table>	Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas	MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg		1	2400.03	102.46	40.40	54.00	100.20	22.90	1.13	39.85	122	82 Average	NR122087
Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas																																																									
MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg																																																										
1	2389.70	52.89	-11.11	54.00	49.77	22.03	7.10	36.95	122	93 Average	NR122087																																																							
Freq	Level	Unit	Bandwidth	Gain	Power	A/Pow	T/Fac	Remark	Pul/Phas																																																									
MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	dB	cm	deg																																																										
1	2400.03	102.46	40.40	54.00	100.20	22.90	1.13	39.85	122	82 Average	NR122087																																																							



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak	Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSR 0.000.000MHz SRT Auto Model : 13 Plane : 2 Full-directivity : 2 IRE1 : 42 Power setting : 42 Freq Level Unit Level Factor Loss Factor A/Pen T/Fen Remark Pol/Plan 1 2389.15 41.18 -12.52 74.00 33.85 32.88 7.10 36.85 344 340 Peak VERTICAL	Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSR 0.000.000MHz SRT Auto Model : 13 Plane : 2 Full-directivity : 2 IRE1 : 42 Power setting : 42 Freq Level Unit Level Factor Loss Factor A/Pen T/Fen Remark Pol/Plan 1 2408.03 105.56 21.58 74.00 102.38 32.90 7.13 36.85 344 340 Peak VERTICAL
Avg.	Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSR 0.000.000MHz SRT Auto Model : 13 Plane : 2 Full-directivity : 2 IRE1 : 42 Power setting : 42 Freq Level Unit Level Factor Loss Factor A/Pen T/Fen Remark Pol/Plan 1 2389.15 45.39 -8.61 54.00 42.27 32.88 7.10 36.85 344 340 Average VERTICAL	Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSR 0.000.000MHz SRT Auto Model : 13 Plane : 2 Full-directivity : 2 IRE1 : 42 Power setting : 42 Freq Level Unit Level Factor Loss Factor A/Pen T/Fen Remark Pol/Plan 1 2408.03 77.03 40.53 54.00 74.40 32.90 7.13 36.85 344 340 Average VERTICAL



Sporton International Inc. (Kunshan)
TEL : +86-512-57900158
FAX : +86-512-57900958
FCC ID: 2AC7Z-ESPS3WROOM1U



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 17 Test Method Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSWR:0.000dB SPT Auto Model : 15 Plane : Z Polarization : Full-directivity Power setting : 42 Freq Level Limit Line Level Factor Loss Factor A/Pow T/Freq Remark Pol/Plan 1 2403.50 61.72 -12.27 74.00 58.22 32.99 7.25 36.82 301 307 Peak VERTICAL	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 18 Test Method Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSWR:0.000dB SPT Auto Model : 15 Plane : Z Polarization : Full-directivity Power setting : 42 Freq Level Limit Line Level Factor Loss Factor A/Pow T/Freq Remark Pol/Plan 1 2408.03 102.66 28.66 74.00 99.31 32.96 7.22 36.82 301 309 Peak VERTICAL
Avg.	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 18 Test Method Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSWR:0.000dB SPT Auto Model : 15 Plane : Z Polarization : Full-directivity Power setting : 42 Freq Level Limit Line Level Factor Loss Factor A/Pow T/Freq Remark Pol/Plan 1 2403.50 45.00 -8.92 54.00 41.67 32.99 7.25 36.82 301 307 Average VERTICAL	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 18 Test Method Site : 020405-K5 Condition : F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project : RRM-1000.000MHz VSWR:0.000dB SPT Auto Model : 15 Plane : Z Polarization : Full-directivity Power setting : 42 Freq Level Limit Line Level Factor Loss Factor A/Pow T/Freq Remark Pol/Plan 1 2408.03 94.27 40.27 54.00 90.92 32.96 7.22 36.82 301 309 Average VERTICAL



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																					
ANT	802.11n HT20 CH01 2412MHz																																					
1	Horizontal	Fundamental																																				
Peak	Site : 030609-01 Condition : F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project : R08 100 100kHz VSW 0.000 9000Hz SW Auto Room : 1F Plane : 2 Full -directivity JRE1 : 41 Powermetering : 14 <table><tr><th>Item</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th></tr><tr><td>1</td><td>dBm</td><td>23.99</td><td>27.77</td><td>-3.78</td><td>dBm</td><td>24.00</td><td>27.77</td><td>-3.77</td></tr></table>	Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail	1	dBm	23.99	27.77	-3.78	dBm	24.00	27.77	-3.77	Site : 030609-01 Condition : F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project : R08 100 100kHz VSW 0.000 9000Hz SW Auto Room : 1F Plane : 2 Full -directivity JRE1 : 41 Powermetering : 14 <table><tr><th>Item</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th></tr><tr><td>1</td><td>dBm</td><td>24.00</td><td>27.77</td><td>-3.77</td><td>dBm</td><td>24.00</td><td>27.77</td><td>-3.77</td></tr></table>	Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail	1	dBm	24.00	27.77	-3.77	dBm	24.00	27.77	-3.77
	Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail																													
1	dBm	23.99	27.77	-3.78	dBm	24.00	27.77	-3.77																														
Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail																														
1	dBm	24.00	27.77	-3.77	dBm	24.00	27.77	-3.77																														
Avg.	Site : 030609-01 Condition : F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project : R08 100 100kHz VSW 0.000 9000Hz SW Auto Room : 1F Plane : 2 Full -directivity JRE1 : 41 Powermetering : 14 <table><tr><th>Item</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th></tr><tr><td>1</td><td>dBm</td><td>23.99</td><td>27.77</td><td>-3.78</td><td>dBm</td><td>24.00</td><td>27.77</td><td>-3.77</td></tr></table>	Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail	1	dBm	23.99	27.77	-3.78	dBm	24.00	27.77	-3.77	Site : 030609-01 Condition : F22 PART 15C 3m 3317.0M 79957 HORIZONTAL Project : R08 100 100kHz VSW 0.000 9000Hz SW Auto Room : 1F Plane : 2 Full -directivity JRE1 : 41 Powermetering : 14 <table><tr><th>Item</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th><th>Unit</th><th>Value</th><th>Limit</th><th>Pass/Fail</th></tr><tr><td>1</td><td>dBm</td><td>24.00</td><td>27.77</td><td>-3.77</td><td>dBm</td><td>24.00</td><td>27.77</td><td>-3.77</td></tr></table>	Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail	1	dBm	24.00	27.77	-3.77	dBm	24.00	27.77	-3.77
Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail																														
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Item	Unit	Value	Limit	Pass/Fail	Unit	Value	Limit	Pass/Fail																														
1	dBm	24.00	27.77	-3.77	dBm	24.00	27.77	-3.77																														



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak	Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.09 09:05:00 VERTICAL Project: R08-1000.000000 V08.0000.000000 SRT Auto Model: 1A Plane: 2 F11-directivity: 2 F12-directivity: 2 Power setting: 100 Freq. Level: 100.00 Unit: dBm/Hz Level: 100.00 Factor: 1.00 A/P: 0.00 T/F: 0.00 Remark: 07 Peak Polar: VERTICAL	Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.09 09:05:00 VERTICAL Project: R08-1000.000000 V08.0000.000000 SRT Auto Model: 1A Plane: 2 F11-directivity: 2 F12-directivity: 2 Power setting: 100 Freq. Level: 100.00 Unit: dBm/Hz Level: 100.00 Factor: 1.00 A/P: 0.00 T/F: 0.00 Remark: 07 Peak Polar: VERTICAL
Avg.	Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.09 09:05:00 VERTICAL Project: R08-1000.000000 V08.0000.000000 SRT Auto Model: 1A Plane: 2 F11-directivity: 2 F12-directivity: 2 Power setting: 100 Freq. Level: 100.00 Unit: dBm/Hz Level: 100.00 Factor: 1.00 A/P: 0.00 T/F: 0.00 Remark: 07 Average Polar: VERTICAL	Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.09 09:05:00 VERTICAL Project: R08-1000.000000 V08.0000.000000 SRT Auto Model: 1A Plane: 2 F11-directivity: 2 F12-directivity: 2 Power setting: 100 Freq. Level: 100.00 Unit: dBm/Hz Level: 100.00 Factor: 1.00 A/P: 0.00 T/F: 0.00 Remark: 07 Average Polar: VERTICAL



WIFI

2.4GHz 420~2483.5MHz Band Edge @ 3m

ANT

802.11n HT20 CH11 2462MHz

1

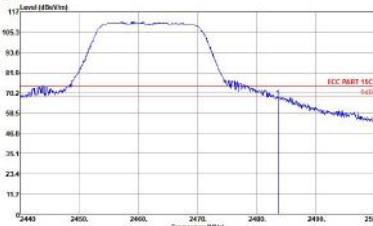
Horizontal

Fundamental

Peak

No. 1008 Pengzi North Road Kunshan
Economic & Technical Development Zone Jiaxing China
tel: +86-512-57900028
fax: +86-512-57900028
http://www.apjionline.com.cn

Date: 9



Level(dBm/Hz)

Frequency(MHz)

FCC LIMIT 15C -40dB

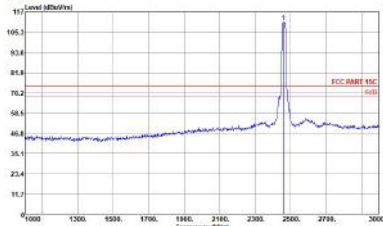
Site:
Condition: 032005-45
FCS PART 15C 3m 3317 EN 79157 H0RIZONTAL
RFM 1000.000kHz VSW 0.0100dB SMT Auto
Project: 16010100V
Mode: 1
Plane: 0
Polarization: 0
Polarization: 0
Power setting: 17

Freq Level	Limit	Loss	RealPower	Cable Power	A/Pow	T/Fac	Remark	Pd/Plan	
1	2462.50	-67.95	-16.50	-14.54	-12.99	7.22	36.82	382	275 Peak

90812207

No. 1008 Pengzi North Road Kunshan
Economic & Technical Development Zone Jiaxing China
tel: +86-512-57900028
fax: +86-512-57900028
http://www.apjionline.com.cn

Date: 11



Level(dBm/Hz)

Frequency(MHz)

FCC LIMIT 15C -40dB

Site:
Condition: 032005-45
FCS PART 15C 3m 3317 EN 79157 H0RIZONTAL
RFM 1000.000kHz VSW 0.0100dB SMT Auto
Project: 16010100V
Mode: 1
Plane: 0
Polarization: 0
Polarization: 0
Power setting: 17

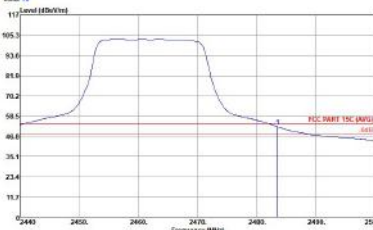
Freq Level	Limit	Loss	RealPower	Cable Power	A/Pow	T/Fac	Remark	Pd/Plan		
1	2462.50	-111.29	-21.27	-14.50	-107.94	22.90	7.22	36.82	382	275 Peak

90812207

Avg.

No. 1008 Pengzi North Road Kunshan
Economic & Technical Development Zone Jiaxing China
tel: +86-512-57900028
fax: +86-512-57900028
http://www.apjionline.com.cn

Date: 16



Level(dBm/Hz)

Frequency(MHz)

FCC LIMIT 15C (Ave) -40dB

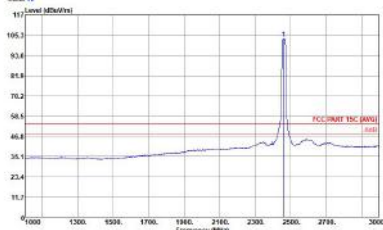
Site:
Condition: 032005-45
FCS PART 15C (Ave) 3m 3317 EN 79157 H0RIZONTAL
RFM 1000.000kHz VSW 0.0100dB SMT Auto
Project: 16010100V
Mode: 1
Plane: 0
Polarization: 0
Polarization: 0
Power setting: 17

Freq Level	Limit	Loss	RealPower	Cable Power	A/Pow	T/Fac	Remark	Pd/Plan		
1	2462.50	-52.33	-11.67	-14.50	-48.92	22.90	7.22	36.82	382	275 Average

90812207

No. 1008 Pengzi North Road Kunshan
Economic & Technical Development Zone Jiaxing China
tel: +86-512-57900028
fax: +86-512-57900028
http://www.apjionline.com.cn

Date: 12



Level(dBm/Hz)

Frequency(MHz)

FCC LIMIT 15C (Ave) -40dB

Site:
Condition: 032005-45
FCS PART 15C (Ave) 3m 3317 EN 79157 H0RIZONTAL
RFM 1000.000kHz VSW 0.0100dB SMT Auto
Project: 16010100V
Mode: 1
Plane: 0
Polarization: 0
Polarization: 0
Power setting: 17

Freq Level	Limit	Loss	RealPower	Cable Power	A/Pow	T/Fac	Remark	Pd/Plan		
1	2462.50	-102.16	-49.10	-14.50	-99.01	22.90	7.22	36.82	382	275 Average

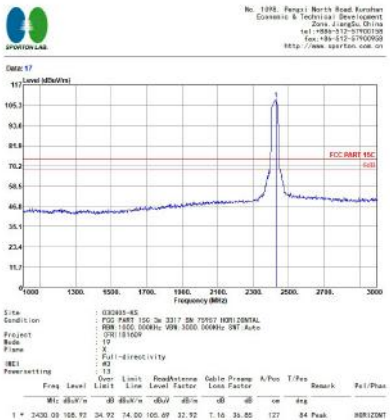
90812207



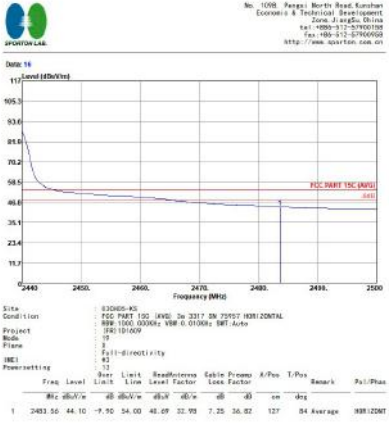
WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Vertical	Fundamental
Peak	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-37900158 Fax: +86-512-37900958 http://www.sporton.com.cn Date: 13 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29 22:57 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Bids: 10.0000 Plane: 0 Full-directivity IRE1: 02 Power setting: 02 Freq. Level Limit ReadReference Gain Preamp A/Pow T/Freq Remark Pol/Plan MHz dBm/W dB dBm/W dBm dBm dBm cm dBg 1 2462.86 54.81 -19.19 74.00 31.40 32.99 7.25 36.82 301 5 Peak VERTICAL	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-37900158 Fax: +86-512-37900958 http://www.sporton.com.cn Date: 13 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29 22:57 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Bids: 10.0000 Plane: 0 Full-directivity IRE1: 02 Power setting: 02 Freq. Level Limit ReadReference Gain Preamp A/Pow T/Freq Remark Pol/Plan MHz dBm/W dB dBm/W dBm dBm dBm cm dBg 1 2462.03 104.77 30.77 74.00 101.42 32.96 7.22 39.82 301 0 Peak VERTICAL
Avg.	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-37900158 Fax: +86-512-37900958 http://www.sporton.com.cn Date: 14 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29 22:57 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Bids: 10.0000 Plane: 0 Full-directivity IRE1: 02 Power setting: 02 Freq. Level Limit ReadReference Gain Preamp A/Pow T/Freq Remark Pol/Plan MHz dBm/W dB dBm/W dBm dBm dBm cm dBg 1 2462.90 41.03 -12.47 54.00 35.12 32.99 7.25 36.82 301 5 Average VERTICAL	SPORTON LAB No. 1008, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-37900158 Fax: +86-512-37900958 http://www.sporton.com.cn Date: 14 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29 22:57 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Bids: 10.0000 Plane: 0 Full-directivity IRE1: 02 Power setting: 02 Freq. Level Limit ReadReference Gain Preamp A/Pow T/Freq Remark Pol/Plan MHz dBm/W dB dBm/W dBm dBm dBm cm dBg 1 2462.03 96.95 40.90 54.00 102.63 32.96 7.22 39.82 301 0 Average VERTICAL



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																	
ANT	802.11n HT40 CH03 2422MHz - L																																																	
1	Horizontal	Fundamental																																																
Peak	 Site : 030609-01 Condition : F22 PART 155 2m 3317.0M 79957 HORIZONTAL Project : 802.11n HT40 VSR 0.000 9000Hz SRT Auto Room : 07 Plane : 2 Full-directivity JRE1 : 01 Power setting : 13 <table><tr><th>Item</th><th>Unit</th><th>Peak</th><th>Power</th><th>Gain</th><th>Loss</th><th>Factor</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><td>1</td><td>dBm</td><td>2398.91</td><td>67.62</td><td>-6.25</td><td>74.00</td><td>64.50</td><td>32.03</td><td>7.10</td><td>36.95</td><td>127</td><td>04 Peak</td><td>NR122007</td></tr></table>	Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas	1	dBm	2398.91	67.62	-6.25	74.00	64.50	32.03	7.10	36.95	127	04 Peak	NR122007	 Site : 030609-01 Condition : F22 PART 155 2m 3317.0M 79957 HORIZONTAL Project : 802.11n HT40 VSR 0.000 9000Hz SRT Auto Room : 07 Plane : 2 Full-directivity JRE1 : 01 Power setting : 13 <table><tr><th>Item</th><th>Unit</th><th>Peak</th><th>Power</th><th>Gain</th><th>Loss</th><th>Factor</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><td>1</td><td>dBm</td><td>2420.03</td><td>108.92</td><td>24.92</td><td>74.00</td><td>105.69</td><td>32.92</td><td>7.10</td><td>36.95</td><td>127</td><td>04 Peak</td><td>NR122007</td></tr></table>	Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas	1	dBm	2420.03	108.92	24.92	74.00	105.69	32.92	7.10	36.95	127	04 Peak	NR122007
	Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas																																							
1	dBm	2398.91	67.62	-6.25	74.00	64.50	32.03	7.10	36.95	127	04 Peak	NR122007																																						
Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas																																								
1	dBm	2420.03	108.92	24.92	74.00	105.69	32.92	7.10	36.95	127	04 Peak	NR122007																																						
Avg.	 Site : 030609-01 Condition : F22 PART 155 2m 3317.0M 79957 HORIZONTAL Project : 802.11n HT40 VSR 0.000 9000Hz SRT Auto Room : 07 Plane : 2 Full-directivity JRE1 : 01 Power setting : 13 <table><tr><th>Item</th><th>Unit</th><th>Peak</th><th>Power</th><th>Gain</th><th>Loss</th><th>Factor</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><td>1</td><td>dBm</td><td>2399.55</td><td>52.66</td><td>-1.24</td><td>54.00</td><td>49.54</td><td>32.03</td><td>7.10</td><td>36.95</td><td>127</td><td>04 Average</td><td>NR122007</td></tr></table>	Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas	1	dBm	2399.55	52.66	-1.24	54.00	49.54	32.03	7.10	36.95	127	04 Average	NR122007	 Site : 030609-01 Condition : F22 PART 155 2m 3317.0M 79957 HORIZONTAL Project : 802.11n HT40 VSR 0.000 9000Hz SRT Auto Room : 07 Plane : 2 Full-directivity JRE1 : 01 Power setting : 13 <table><tr><th>Item</th><th>Unit</th><th>Peak</th><th>Power</th><th>Gain</th><th>Loss</th><th>Factor</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Pul/Phas</th></tr><tr><td>1</td><td>dBm</td><td>2424.03</td><td>100.54</td><td>40.34</td><td>54.00</td><td>97.31</td><td>32.92</td><td>7.10</td><td>36.95</td><td>127</td><td>04 Average</td><td>NR122007</td></tr></table>	Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas	1	dBm	2424.03	100.54	40.34	54.00	97.31	32.92	7.10	36.95	127	04 Average	NR122007
	Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas																																							
1	dBm	2399.55	52.66	-1.24	54.00	49.54	32.03	7.10	36.95	127	04 Average	NR122007																																						
Item	Unit	Peak	Power	Gain	Loss	Factor	A/Pow	T/Fac	Remark	Pul/Phas																																								
1	dBm	2424.03	100.54	40.34	54.00	97.31	32.92	7.10	36.95	127	04 Average	NR122007																																						

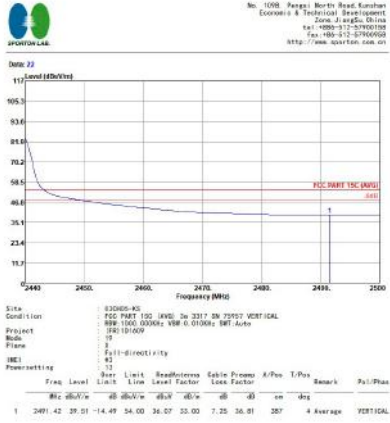


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	 Site: 020405-K5 Condition: FCC PART 15C, 30.2017, 08.101017, 08.120014L Project: 888-1000, 000000, VSR 0.000, 000000, SPT, Auto Mode: 10 Plane: 10 Freq: 2422.000 Power: 10.00 Spectrum: 2400.000 ~ 2483.500 Unit: dBm/100kHz Scale: 10.00 Marker: 1 Marker Value: 2422.000, -18.86, 74.00, 51.73, 32.99, 7.25, 36.92, 127, 04 Peak, 08.120017	Left Blank
Avg.	 Site: 020405-K5 Condition: FCC PART 15C, 30.2017, 08.101017, 08.120014L Project: 888-1000, 000000, VSR 0.000, 000000, SPT, Auto Mode: 10 Plane: 10 Freq: 2422.000 Power: 10.00 Spectrum: 2400.000 ~ 2483.500 Unit: dBm/100kHz Scale: 10.00 Marker: 1 Marker Value: 2422.000, -18.86, 74.00, 51.73, 32.99, 7.25, 36.92, 127, 04 Average, 08.120017	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Vertical	Fundamental
Peak	SPORTON LAB No. 100B, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 19 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29P01 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Model: 19 Plane: 2 Polar: Full-directivity IRE1: 42 Power setting: 42 Freq Level Limit Line Level Factor Loss Factor A/Pen T/Freq Remark Pol/Phas MTC dBm/m -dB dBm/m -dBm -dB -dB cm dBS 1 2389.11 36.87 -17.11 74.00 32.77 32.88 7.10 36.90 387 4 Peak VERTICAL	SPORTON LAB No. 100B, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 23 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29P01 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Model: 19 Plane: 2 Polar: Full-directivity IRE1: 42 Power setting: 42 Freq Level Limit Line Level Factor Loss Factor A/Pen T/Freq Remark Pol/Phas MTC dBm/m -dB dBm/m -dBm -dB -dB cm dBS 1 2408.03 102.47 28.47 74.00 99.24 32.92 7.10 36.85 387 4 Peak VERTICAL
Avg.	SPORTON LAB No. 100B, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 26 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29P01 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Model: 19 Plane: 2 Polar: Full-directivity IRE1: 42 Power setting: 42 Freq Level Limit Line Level Factor Loss Factor A/Pen T/Freq Remark Pol/Phas MTC dBm/m -dB dBm/m -dBm -dB -dB cm dBS 1 2389.82 43.67 -10.32 54.00 40.55 32.88 7.10 36.90 387 4 Average VERTICAL	SPORTON LAB No. 100B, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Date: 24 Test Method Site: 020405-K5 Condition: F22 PWR: 100.0m 2017.08.29P01 VERTICAL Project: RRM-1000.000MHz VSW: 0.0000 SPT Auto Model: 19 Plane: 2 Polar: Full-directivity IRE1: 42 Power setting: 42 Freq Level Limit Line Level Factor Loss Factor A/Pen T/Freq Remark Pol/Phas MTC dBm/m -dB dBm/m -dBm -dB -dB cm dBS 1 2422.03 74.00 40.58 54.00 91.40 32.92 7.10 36.85 387 4 Average VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

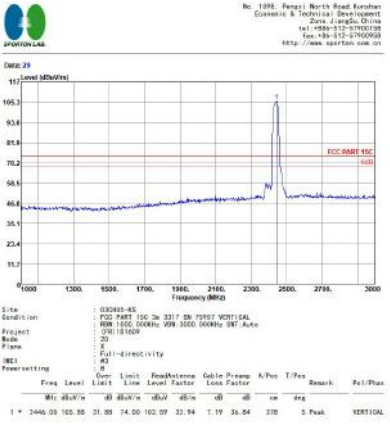
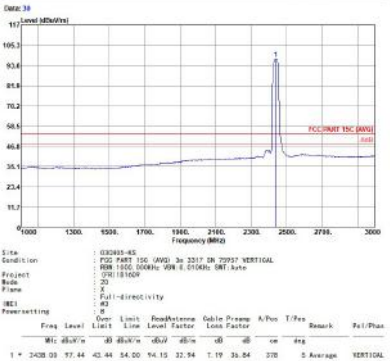


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																											
ANT	802.11n HT40 CH06 2437MHz - L																																											
1	Horizontal	Fundamental																																										
Peak	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China tel: +86-512-57900108 fax: +86-512-57900058 http://www.spectrum.com.cn Date: 19 Site: 030805-KS Condition: FCC PART 15C 30 2017 ON 73757 H01-D0NTAL Project: R00-1000 000kHz V08-0000 000kHz 001 Auto Mode: 20 Plane: 2 Polar: 0-directivity IRE1: 0 PowerSetting: 0 <table> <tr> <th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Level Factor</th><th>A/Pon</th><th>T/Fax</th><th>Remark</th><th>Pul/Phas</th></tr> <tr> <td>1</td><td>2389.82</td><td>57.60</td><td>-16.40</td><td>74.00</td><td>34.45</td><td>22.03</td><td>7.10</td><td>36.95</td><td>129</td><td>10 Peak</td><td>H01-D0NT</td></tr> </table>	Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas	1	2389.82	57.60	-16.40	74.00	34.45	22.03	7.10	36.95	129	10 Peak	H01-D0NT	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China tel: +86-512-57900108 fax: +86-512-57900058 http://www.spectrum.com.cn Date: 23 Site: 030805-KS Condition: FCC PART 15C 30 2017 ON 73757 H01-D0NTAL Project: R00-1000 000kHz V08-0000 000kHz 001 Auto Mode: 20 Plane: 2 Polar: 0-directivity IRE1: 0 PowerSetting: 0 <table> <tr> <th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Level Factor</th><th>A/Pon</th><th>T/Fax</th><th>Remark</th><th>Pul/Phas</th></tr> <tr> <td>1</td><td>2434.09</td><td>110.17</td><td>30.17</td><td>104.06</td><td>94.94</td><td>22.92</td><td>1.10</td><td>35.85</td><td>129</td><td>10 Peak</td><td>H01-D0NT</td></tr> </table>	Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas	1	2434.09	110.17	30.17	104.06	94.94	22.92	1.10	35.85	129	10 Peak	H01-D0NT
Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas																																				
1	2389.82	57.60	-16.40	74.00	34.45	22.03	7.10	36.95	129	10 Peak	H01-D0NT																																	
Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas																																				
1	2434.09	110.17	30.17	104.06	94.94	22.92	1.10	35.85	129	10 Peak	H01-D0NT																																	
Avg.	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China tel: +86-512-57900108 fax: +86-512-57900058 http://www.spectrum.com.cn Date: 20 Site: 030805-KS Condition: FCC PART 15C (Ave) 30 2017 ON 73757 H01-D0NTAL Project: R00-1000 000kHz V08-0000 000kHz 001 Auto Mode: 20 Plane: 2 Polar: 0-directivity IRE1: 0 PowerSetting: 0 <table> <tr> <th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Level Factor</th><th>A/Pon</th><th>T/Fax</th><th>Remark</th><th>Pul/Phas</th></tr> <tr> <td>1</td><td>2389.95</td><td>52.46</td><td>-11.54</td><td>60.91</td><td>47.34</td><td>22.03</td><td>7.10</td><td>36.95</td><td>129</td><td>10 Average</td><td>H01-D0NT</td></tr> </table>	Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas	1	2389.95	52.46	-11.54	60.91	47.34	22.03	7.10	36.95	129	10 Average	H01-D0NT	No. 1008 Pengzi North Road Kunshan Economic & Technical Development Zone Jiangsu China tel: +86-512-57900108 fax: +86-512-57900058 http://www.spectrum.com.cn Date: 24 Site: 030805-KS Condition: FCC PART 15C (Ave) 30 2017 ON 73757 H01-D0NTAL Project: R00-1000 000kHz V08-0000 000kHz 001 Auto Mode: 20 Plane: 2 Polar: 0-directivity IRE1: 0 PowerSetting: 0 <table> <tr> <th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Level Factor</th><th>A/Pon</th><th>T/Fax</th><th>Remark</th><th>Pul/Phas</th></tr> <tr> <td>1</td><td>2434.09</td><td>101.95</td><td>42.70</td><td>94.04</td><td>90.70</td><td>22.92</td><td>1.19</td><td>35.85</td><td>129</td><td>10 Average</td><td>H01-D0NT</td></tr> </table>	Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas	1	2434.09	101.95	42.70	94.04	90.70	22.92	1.19	35.85	129	10 Average	H01-D0NT
Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas																																				
1	2389.95	52.46	-11.54	60.91	47.34	22.03	7.10	36.95	129	10 Average	H01-D0NT																																	
Freq	Level	Limit	Level Factor	Level Factor	A/Pon	T/Fax	Remark	Pul/Phas																																				
1	2434.09	101.95	42.70	94.04	90.70	22.92	1.19	35.85	129	10 Average	H01-D0NT																																	



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

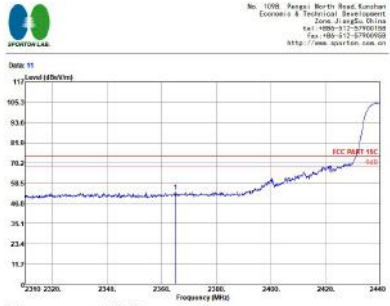
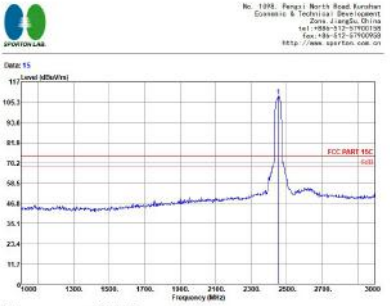
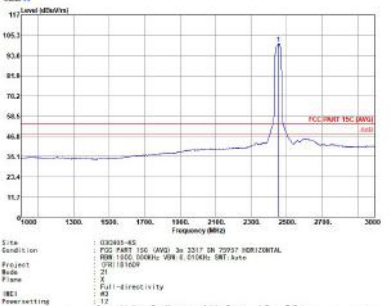


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.28 2017.08.28 VERTICAL Project: R00 100.000000 VSR 0.000 000000 SRT Auto Mode: 25 Plane: 2 F11-directivity IRE1 Power setting: 0 Data: 25 Freq Level Limit Line Level Factor A/Pen T/Freq Remark Pol/Plan 1 2389.40 38.90 -15.10 74.00 51.81 22.88 7.10 36.97 279 5 Peak VERTICAL	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.28 2017.08.28 VERTICAL Project: R00 100.000000 VSR 0.000 000000 SRT Auto Mode: 25 Plane: 2 F11-directivity IRE1 Power setting: 0 Data: 25 Freq Level Limit Line Level Factor A/Pen T/Freq Remark Pol/Plan 1 2446.03 105.88 21.88 74.00 102.09 22.94 7.19 36.84 278 0 Peak VERTICAL
Avg.	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.28 2017.08.28 VERTICAL Project: R00 100.000000 VSR 0.000 000000 SRT Auto Mode: 25 Plane: 2 F11-directivity IRE1 Power setting: 0 Data: 26 Freq Level Limit Line Level Factor A/Pen T/Freq Remark Pol/Plan 1 2389.78 43.83 -12.17 54.00 40.71 22.88 7.10 36.90 279 5 Average VERTICAL	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.28 2017.08.28 VERTICAL Project: R00 100.000000 VSR 0.000 000000 SRT Auto Mode: 25 Plane: 2 F11-directivity IRE1 Power setting: 0 Data: 26 Freq Level Limit Line Level Factor A/Pen T/Freq Remark Pol/Plan 1 2428.03 77.44 40.44 54.00 74.15 22.94 7.19 36.84 278 0 Average VERTICAL



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

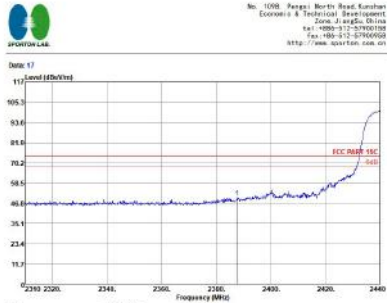
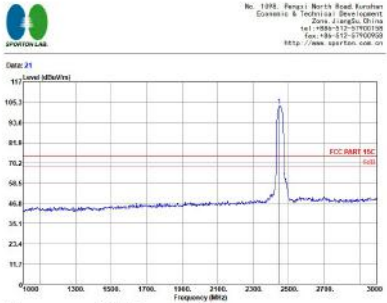
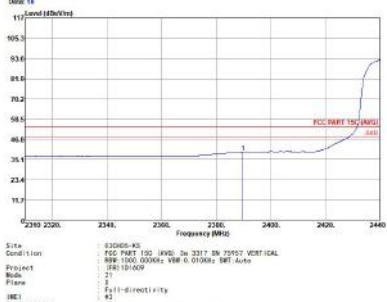
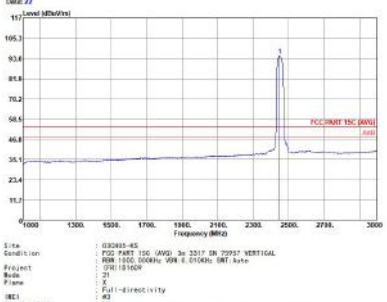


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Horizontal	Fundamental
Peak	 Graph showing Peak Horizontal spectrum. The x-axis is Frequency (MHz) from 2392 to 2440. The y-axis is Power Spectral Density (dBm/100kHz) from 15.0 to 117.0. A red line indicates the FCC limit. A blue line shows the measured signal, which is below the limit. Site: 020405-KS Condition: F22 PWR 100.0mW 2017.08.20 10:00:00 H08120000L Project: R08-1000.000000 V08.0000.000000 S01.0000 Model: 21 Plane: 2 F11-directivity: 2 Power setting: 12 Power: 100.0mW Freq. Level: 2392.00 Unit: dBm/100kHz Level: 100.00 Level Factor: 1.00 A/Pen: 0.00 T/Freq: 0.00 Remark: 10. Peak P1/Phas: H08120000L	 Graph showing Peak Fundamental spectrum. The x-axis is Frequency (MHz) from 2392 to 2440. The y-axis is Power Spectral Density (dBm/100kHz) from 15.0 to 117.0. A red line indicates the FCC limit. A blue line shows the measured signal, which is below the limit. Site: 020405-KS Condition: F22 PWR 100.0mW 2017.08.20 10:00:00 H08120000L Project: R08-1000.000000 V08.0000.000000 S01.0000 Model: 21 Plane: 2 F11-directivity: 2 Power setting: 12 Power: 100.0mW Freq. Level: 2392.00 Unit: dBm/100kHz Level: 100.00 Level Factor: 1.00 A/Pen: 0.00 T/Freq: 0.00 Remark: 10. Peak P1/Phas: H08120000L
Avg.	 Graph showing Avg Horizontal spectrum. The x-axis is Frequency (MHz) from 2392 to 2440. The y-axis is Power Spectral Density (dBm/100kHz) from 15.0 to 117.0. A red line indicates the FCC limit. A blue line shows the measured signal, which is below the limit. Site: 020405-KS Condition: F22 PWR 100.0mW 2017.08.20 10:00:00 H08120000L Project: R08-1000.000000 V08.0000.000000 S01.0000 Model: 21 Plane: 2 F11-directivity: 2 Power setting: 12 Power: 100.0mW Freq. Level: 2392.00 Unit: dBm/100kHz Level: 100.00 Level Factor: 1.00 A/Pen: 0.00 T/Freq: 0.00 Remark: 10. Average P1/Phas: H08120000L	 Graph showing Avg Fundamental spectrum. The x-axis is Frequency (MHz) from 2392 to 2440. The y-axis is Power Spectral Density (dBm/100kHz) from 15.0 to 117.0. A red line indicates the FCC limit. A blue line shows the measured signal, which is below the limit. Site: 020405-KS Condition: F22 PWR 100.0mW 2017.08.20 10:00:00 H08120000L Project: R08-1000.000000 V08.0000.000000 S01.0000 Model: 21 Plane: 2 F11-directivity: 2 Power setting: 12 Power: 100.0mW Freq. Level: 2392.00 Unit: dBm/100kHz Level: 100.00 Level Factor: 1.00 A/Pen: 0.00 T/Freq: 0.00 Remark: 10. Average P1/Phas: H08120000L



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1	Vertical	Fundamental
Peak	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project: R99-1000 0000Hz VSR 0.000 0000Hz SRT Auto Model: 21 Plane: 2 Polar: Full-directivity Power setting: 42 Freq Level: 2387.61 30.09 23.11 74.00 46.97 32.88 7.10 36.90 380 4 Peak VERTICAL	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project: R99-1000 0000Hz VSR 0.000 0000Hz SRT Auto Model: 21 Plane: 2 Polar: Full-directivity Power setting: 42 Freq Level: 2408.03 103.43 29.40 74.00 100.16 32.94 7.19 36.84 380 4 Peak VERTICAL
Avg.	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project: R99-1000 0000Hz VSR 0.000 0000Hz SRT Auto Model: 21 Plane: 2 Polar: Full-directivity Power setting: 42 Freq Level: 2389.82 35.99 15.61 54.00 35.87 32.88 7.10 36.90 380 4 Average VERTICAL	 Site: 020405-K5 Condition: F22 PWR 100.0m 2017.08.29 09:55:57 VERTICAL Project: R99-1000 0000Hz VSR 0.000 0000Hz SRT Auto Model: 21 Plane: 2 Polar: Full-directivity Power setting: 42 Freq Level: 2408.03 103.43 29.40 74.00 100.16 32.94 7.19 36.84 380 4 Average VERTICAL

WIFI

2.4GHz 2400~2483.5MHz Band Edge @ 3m

ANT

802.11n HT40 CH09 2452MHz - R

1

Vertical

Fundamental

Peak

APERTURE LAB

No. 100B Pengzi North Road Kunshan
Economic & Technical Development Zone Jiangsu China
Tel: +86-512-87660108
Fax: +86-512-87660109
http://www.aperture.com.cn

Date: 16

Level [dBm]

117

93.0

69.0

45.0

21.0

0

Frequency [MHz]

2440

2450

2460

2470

2480

2490

2500

REC-BART-ISC

-40

Site: 820605-K5

Condition: FCS PMRT 100 In 2017 ON TSP12 VERTICAL

Project: HRP-1000 0030Kz VHF 0.0030 0030Hz SBT Auto

Mode: IPR 10-00P

Plane: 2

Path: direct/rxity

IMEI: 82

Power setting: 12

Freq

Level

Unit

Line

Level

Tolerance

Cable

Promote

X/Fac

T/Pas

Remark

Path/Plan

MHz

dBm/V

m

dBm/V

dBm/V

dB

dB

cm

deg

1

2452.62

01.03

-12.97

74.00

37.62

32.99

7.25

36.92

380

4 Peak

VERTICAL

Avg.

APERTURE LAB

No. 100B Pengzi North Road Kunshan
Economic & Technical Development Zone Jiangsu China
Tel: +86-512-87660108
Fax: +86-512-87660109
http://www.aperture.com.cn

Date: 16

Level [dBm]

117

93.0

69.0

45.0

21.0

0

Frequency [MHz]

2440

2450

2460

2470

2480

2490

2500

REC-BART-ISC-AVGIS

-40

Site: 820605-K5

Condition: FCS PMRT 100 AVGIS In 2017 ON TSP12 VERTICAL

Project: HRP-1000 0030Kz VHF 0.0130Kz SBT Auto

Mode: IPR 10-00P

Plane: 2

Path: direct/rxity

IMEI: 82

Power setting: 12

Freq

Level

Unit

Line

Level

Tolerance

Cable

Promote

X/Fac

T/Pas

Remark

Path/Plan

MHz

dBm/V

m

dBm/V

dBm/V

dB

dB

cm

deg

1

2452.50

43.56

-19.44

54.00

42.15

32.99

7.25

36.92

380

4 Average

VERTICAL

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Left blank



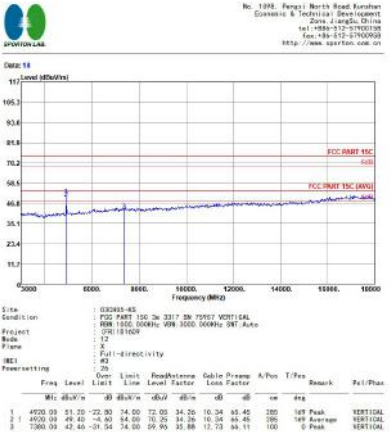
2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak Avg.		



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.		



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.		



Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz																																																																																																																																																																			
ANT	802.11g LF																																																																																																																																																																			
1	Horizontal	Vertical																																																																																																																																																																		
QP / Peak	Site: 030407-05 Condition: FCC PART 15C 3a 026.111D 0A23106 HORIZONTAL Project: 888 100 030407 VER 300 030407 0A2 Auto Model: 12110309 Plane: 12 Polarization: H IME1: 80 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Cable Factor</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Po/Phase</th></tr><tr><td>1</td><td>239.52</td><td>18.28</td><td>-19.74</td><td>46.00</td><td>18.28</td><td>18.78</td><td>2.36</td><td>32.10</td><td>---</td><td>Peak</td><td>888 12067</td></tr><tr><td>2</td><td>355.62</td><td>19.22</td><td>-26.78</td><td>46.00</td><td>19.22</td><td>26.68</td><td>2.72</td><td>32.70</td><td>---</td><td>Peak</td><td>888 12067</td></tr><tr><td>3</td><td>488.16</td><td>17.58</td><td>-15.22</td><td>46.00</td><td>17.58</td><td>15.10</td><td>1.22</td><td>32.71</td><td>---</td><td>Peak</td><td>888 12067</td></tr><tr><td>4</td><td>502.29</td><td>20.00</td><td>-19.65</td><td>46.00</td><td>19.86</td><td>16.03</td><td>3.43</td><td>32.79</td><td>---</td><td>Peak</td><td>888 12067</td></tr><tr><td>5</td><td>608.16</td><td>19.20</td><td>-19.65</td><td>46.00</td><td>19.61</td><td>18.00</td><td>1.19</td><td>32.80</td><td>---</td><td>Peak</td><td>888 12067</td></tr><tr><td>6</td><td>803.09</td><td>19.22</td><td>-18.78</td><td>46.00</td><td>18.48</td><td>16.92</td><td>4.33</td><td>32.51</td><td>---</td><td>Peak</td><td>888 12067</td></tr></table>	Freq	Level	Limit	Level Factor	Cable Factor	A/Pow	T/Fac	Remark	Po/Phase	1	239.52	18.28	-19.74	46.00	18.28	18.78	2.36	32.10	---	Peak	888 12067	2	355.62	19.22	-26.78	46.00	19.22	26.68	2.72	32.70	---	Peak	888 12067	3	488.16	17.58	-15.22	46.00	17.58	15.10	1.22	32.71	---	Peak	888 12067	4	502.29	20.00	-19.65	46.00	19.86	16.03	3.43	32.79	---	Peak	888 12067	5	608.16	19.20	-19.65	46.00	19.61	18.00	1.19	32.80	---	Peak	888 12067	6	803.09	19.22	-18.78	46.00	18.48	16.92	4.33	32.51	---	Peak	888 12067	Site: 030407-05 Condition: FCC PART 15C 3a 026.111D 0A23106 VERTICAL Project: 888 100 030407 VER 300 030407 0A2 Auto Model: 12110309 Plane: 12 Polarization: V IME1: 80 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Cable Factor</th><th>A/Pow</th><th>T/Fac</th><th>Remark</th><th>Po/Phase</th></tr><tr><td>1</td><td>186.77</td><td>18.14</td><td>-28.36</td><td>46.00</td><td>18.90</td><td>17.10</td><td>1.97</td><td>32.90</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>239.52</td><td>18.80</td><td>-27.20</td><td>46.00</td><td>18.24</td><td>16.74</td><td>2.36</td><td>32.10</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>355.62</td><td>17.58</td><td>-26.79</td><td>46.00</td><td>18.11</td><td>16.00</td><td>3.44</td><td>32.90</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>502.29</td><td>21.00</td><td>-20.11</td><td>46.00</td><td>19.12</td><td>17.05</td><td>3.03</td><td>32.81</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>5</td><td>608.16</td><td>24.41</td><td>-23.09</td><td>46.00</td><td>21.56</td><td>19.88</td><td>3.99</td><td>32.60</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>803.09</td><td>27.80</td><td>-18.14</td><td>46.00</td><td>29.40</td><td>16.75</td><td>4.77</td><td>32.58</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	Level Factor	Cable Factor	A/Pow	T/Fac	Remark	Po/Phase	1	186.77	18.14	-28.36	46.00	18.90	17.10	1.97	32.90	---	Peak	VERTICAL	2	239.52	18.80	-27.20	46.00	18.24	16.74	2.36	32.10	---	Peak	VERTICAL	3	355.62	17.58	-26.79	46.00	18.11	16.00	3.44	32.90	---	Peak	VERTICAL	4	502.29	21.00	-20.11	46.00	19.12	17.05	3.03	32.81	---	Peak	VERTICAL	5	608.16	24.41	-23.09	46.00	21.56	19.88	3.99	32.60	---	Peak	VERTICAL	6	803.09	27.80	-18.14	46.00	29.40	16.75	4.77	32.58	---	Peak	VERTICAL
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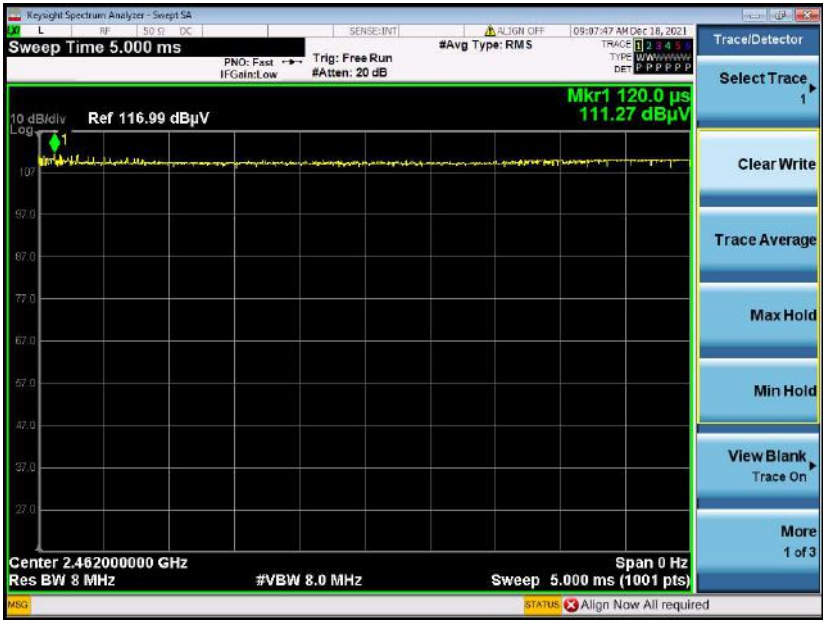


Appendix E. Duty Cycle Plots

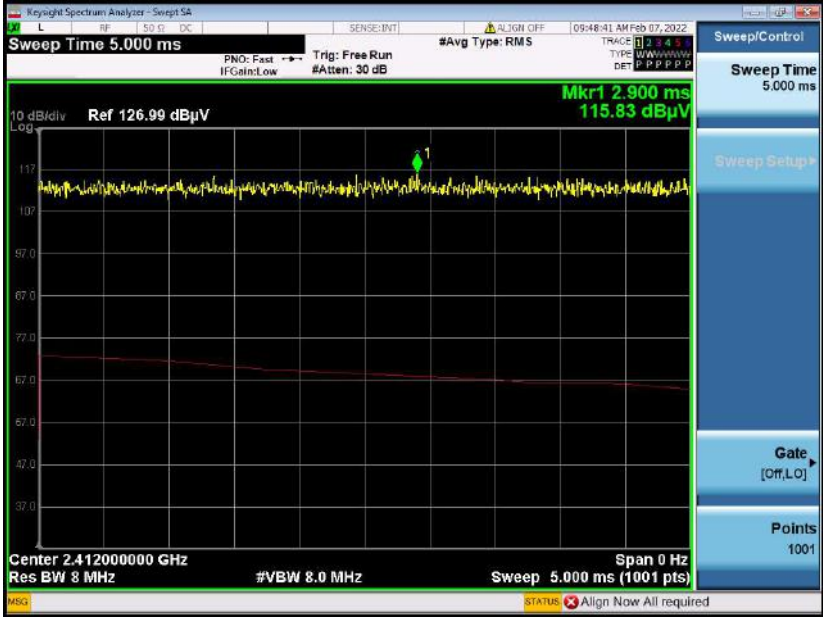
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	100	-	-	10Hz
802.11n HT20	100	-	-	10Hz
802.11n HT40	100	-	-	10Hz



802.11b

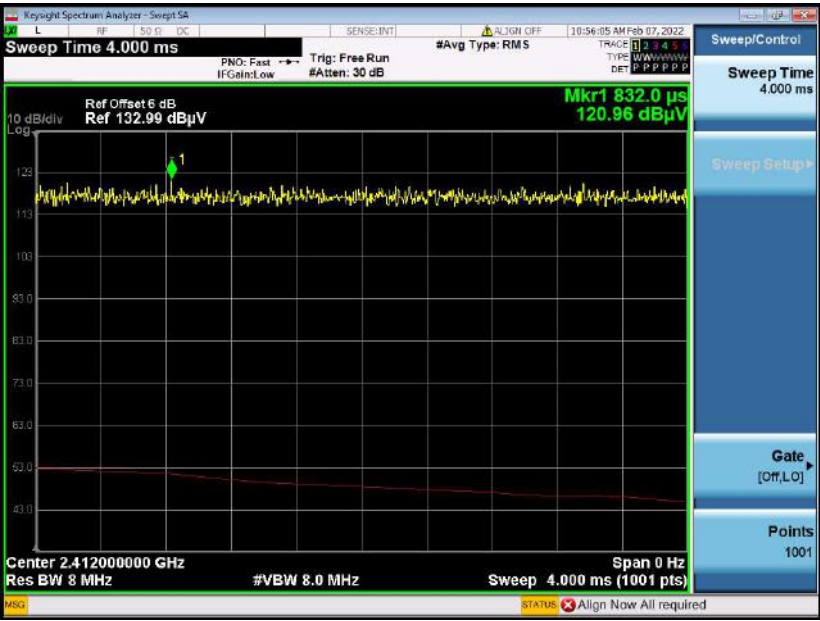


802.11g





802.11n HT20



802.11n HT40

