



Appendix C. Radiated Spurious Emission

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2388.26	49.81	-24.19	74	46.69	32.88	7.1	36.86	308	111	P	H
	*	2388.26	25.05	-28.95	54	-	-	-	-	-	-	A	H
		2402	102.46	-	-	99.31	32.88	7.13	36.86	308	111	P	H
		2402	77.70	-	-	-	-	-	-	-	-	A	H
		2382.54	50.5	-23.5	74	47.41	32.86	7.1	36.87	120	84	P	V
	*	2382.54	25.74	-28.26	54	-	-	-	-	-	-	A	V
		2402	101.99	-	-	98.84	32.88	7.13	36.86	120	84	P	V
		2402	77.23	-	-	-	-	-	-	-	-	A	V
BT CH 78 2480MHz		2483.8	59.03	-14.97	74	55.62	32.98	7.25	36.82	290	111	P	H
	*	2483.8	34.27	-19.73	54	-	-	-	-	-	-	A	H
		2480	101.31	-	-	97.9	32.98	7.25	36.82	290	111	P	H
		2480	76.55	-	-	-	-	-	-	-	-	A	H
		2483.56	58.47	-15.53	74	55.06	32.98	7.25	36.82	106	85	P	V
	*	2483.56	33.71	-20.29	54	-	-	-	-	-	-	A	V
		2480	100.63	-	-	97.22	32.98	7.25	36.82	106	85	P	V
		2480	75.87	-	-	-	-	-	-	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		4800	39.73	-34.27	74	60.71	34.19	10.2	65.37	300	0	P	H
		4800	40.72	-33.28	74	61.7	34.19	10.2	65.37	100	0	P	V
BT CH 39 2441MHz		4875	40.4	-33.6	74	61.3	34.23	10.29	65.42	300	0	P	H
		7320	41.86	-32.14	74	59.23	35.87	12.72	65.96	300	0	P	H
		4875	39.69	-34.31	74	60.59	34.23	10.29	65.42	100	0	P	V
		7320	43.3	-30.7	74	60.67	35.87	12.72	65.96	100	0	P	V
BT CH 78 2480MHz		4965	40.82	-33.18	74	61.6	34.28	10.41	65.47	300	0	P	H
		7440	42.91	-31.09	74	60.54	35.89	12.79	66.31	300	0	P	H
		4965	40.32	-33.68	74	61.1	34.28	10.41	65.47	100	0	P	V
		7440	45.17	-28.83	74	62.8	35.89	12.79	66.31	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
2.4GHz BT LF		30.97	20.71	-19.29	40	27.9	24.7	0.51	32.4	-	-	P	H
		109.54	14.67	-28.83	43.5	28.65	16.9	1.52	32.4	-	-	P	H
		178.41	19.14	-24.36	43.5	34.8	14.8	1.94	32.4	-	-	P	H
		213.33	20.47	-23.03	43.5	35.82	14.92	2.13	32.4	-	-	P	H
		350.1	20.08	-25.92	46	29.55	20.2	2.73	32.4	-	-	P	H
		556.71	24.46	-21.54	46	27.61	25.82	3.43	32.4	-	-	P	H
		30.97	30.27	-9.73	40	37.46	24.7	0.51	32.4	-	-	P	V
		56.19	25.06	-14.94	40	44.5	12.1	0.86	32.4	-	-	P	V
		135.73	19.06	-24.44	43.5	32.38	17.4	1.68	32.4	-	-	P	V
		183.26	18.58	-24.92	43.5	34.41	14.6	1.97	32.4	-	-	P	V



		250.19	18.29	-27.71	46	29.99	18.4	2.3	32.4	-	-	P	V
		856.44	28.7	-17.3	46	27.37	28.92	4.26	31.85	-	-	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:

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 00 2402MHz		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

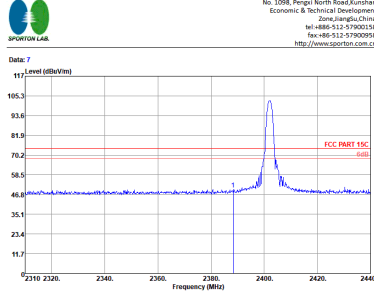
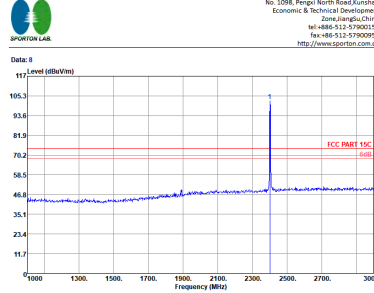
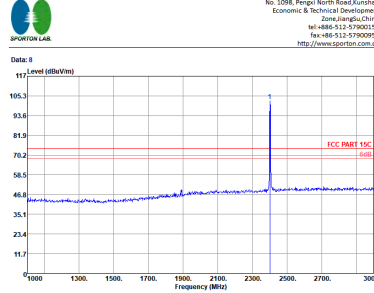
Note symbol

-L	Low channel location
-R	High channel location

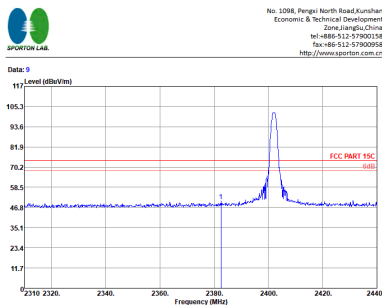
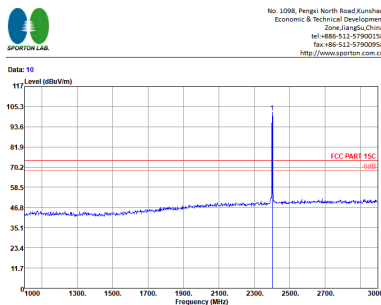


2.4GHz 2400~2483.5MHz

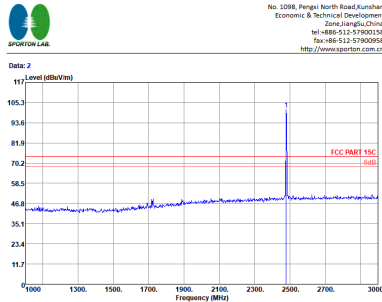
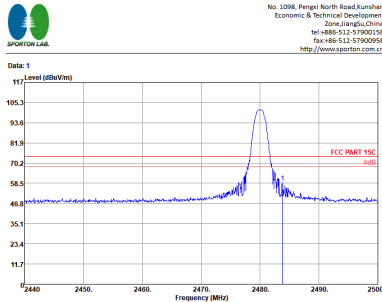
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Peak	 No. 1008, Pengji North Road Kunshan Economic & Technical Development Zone Jiangsu, China tel: +86-512-57900218 fax: +86-512-57900958 http://www.sporton.com.cn  Site: 03CR05-E5 Condition: FCC PART 15C In 2317 CM TEST HORIZONTAL Project: RFR 1000.000kHz VSW 1000.000kHz SPT Auto Rule: CR0210710-01 Plane: I Polar: Y Full-directivity REI <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Headroom</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/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>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2382.26</td><td>49.81</td><td>-24.19</td><td>74.00</td><td>46.69</td><td>32.88</td><td>7.13</td><td>36.86</td><td>388</td><td>111 Peak</td><td>HORIZONTAL</td></tr></table> <td>  No. 1008, Pengji North Road Kunshan Economic & Technical Development Zone Jiangsu, China tel: +86-512-57900218 fax: +86-512-57900958 http://www.sporton.com.cn  Site: 03CR05-E5 Condition: FCC PART 15C In 2317 CM TEST HORIZONTAL Project: RFR 1000.000kHz VSW 1000.000kHz SPT Auto Rule: CR0210710-01 Plane: I Polar: Y Full-directivity REI <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Headroom</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/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>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>182.46</td><td>28.46</td><td>74.00</td><td>99.31</td><td>32.88</td><td>7.13</td><td>36.86</td><td>388</td><td>111 Peak</td><td>HORIZONTAL</td></tr></table> </td>	Freq	Level	Over Limit	Headroom	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	cm	deg			1	2382.26	49.81	-24.19	74.00	46.69	32.88	7.13	36.86	388	111 Peak	HORIZONTAL	 No. 1008, Pengji North Road Kunshan Economic & Technical Development Zone Jiangsu, China tel: +86-512-57900218 fax: +86-512-57900958 http://www.sporton.com.cn  Site: 03CR05-E5 Condition: FCC PART 15C In 2317 CM TEST HORIZONTAL Project: RFR 1000.000kHz VSW 1000.000kHz SPT Auto Rule: CR0210710-01 Plane: I Polar: Y Full-directivity REI <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Headroom</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/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>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>182.46</td><td>28.46</td><td>74.00</td><td>99.31</td><td>32.88</td><td>7.13</td><td>36.86</td><td>388</td><td>111 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	Headroom	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Hz	dB	dBm/Hz	dBm/Hz	dB	cm	deg			1	2402.00	182.46	28.46	74.00	99.31	32.88	7.13	36.86	388	111 Peak	HORIZONTAL
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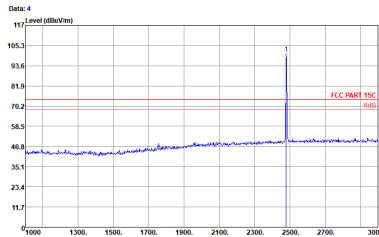
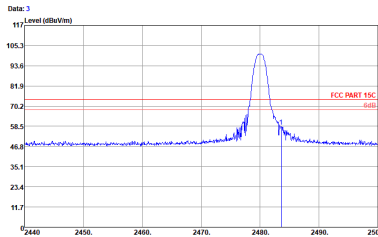


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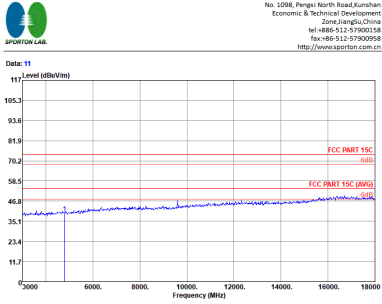
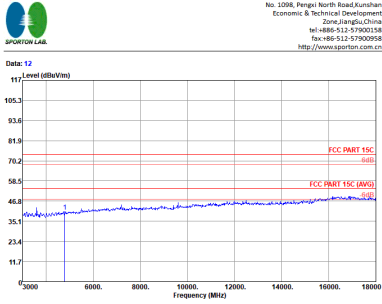
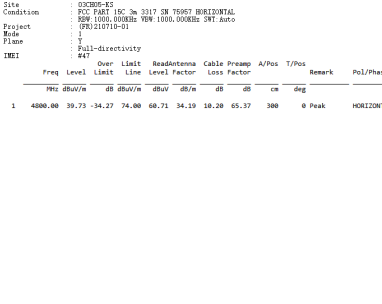
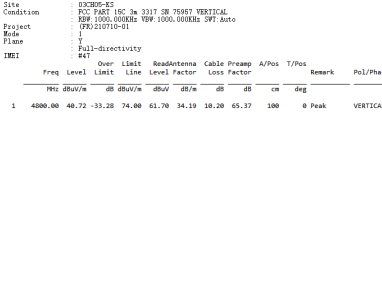


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Peak	 Site : D03B05-K2 Condition : FCC PART 15C 2m 3317 SW 70957 VERTICAL RFW 1000.000MHz YEM 1000.000MHz SWT Auto Project : FR210710-01 Mode : 2 Plane : T Full-directivity : IMEI : 847 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 * 2480.00</td><td>100.63</td><td>26.63</td><td>74.00</td><td>97.22</td><td>32.98</td><td>7.25</td><td>36.82</td><td>186</td><td>85 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dB	dB	cm	deg			1 * 2480.00	100.63	26.63	74.00	97.22	32.98	7.25	36.82	186	85 Peak	VERTICAL	 Site : D03B05-K2 Condition : FCC PART 15C 2m 3317 SW 70957 VERTICAL RFW 1000.000MHz YEM 1000.000MHz SWT Auto Project : FR210710-01 Mode : 2 Plane : T Full-directivity : IMEI : 847 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100Hz</th><th>dB</th><th>dBm/100Hz</th><th>dBm/100Hz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 2483.56</td><td>58.47</td><td>-15.53</td><td>74.00</td><td>55.06</td><td>32.98</td><td>7.25</td><td>36.82</td><td>186</td><td>85 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100Hz	dB	dBm/100Hz	dBm/100Hz	dB	dB	cm	deg			1 2483.56	58.47	-15.53	74.00	55.06	32.98	7.25	36.82	186	85 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
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2.4GHz 2400~2483.5MHz

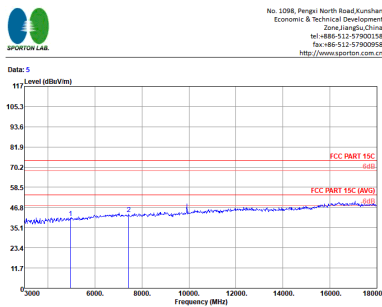
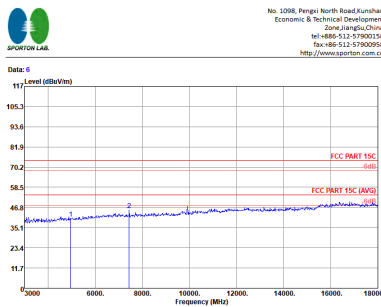
BT (Harmonic @ 3m)

BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BT CH00 2402MHz	
1	Horizontal	Vertical
Peak Avg.	 Data: 11 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 Frequency (MHz) FCC PART 15C dB FCC PART 15C (Ave) dB Site : D23805-E5 Condition : FCC PART 15C 3m 3317 CM 76967 HORIZONTAL Project : RFV 1000, 0000Hz YZF 1000, 0000Hz SPT Auto Pole : 0 Plane : 0 File : Full-directivity IMEI : 847 Freq Level Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas dBuV/m dB dBuV/m dBuV/m dB dB cm deg 1 4880.00 39.73 -34.27 74.00 69.71 34.19 10.20 65.37 300 0 Peak HORIZONTAL	 Data: 12 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 Frequency (MHz) FCC PART 15C dB FCC PART 15C (Ave) dB Site : D23805-E5 Condition : FCC PART 15C 3m 3317 CM 76967 VERTICAL Project : RFV 1000, 0000Hz YZF 1000, 0000Hz SPT Auto Pole : 0 Plane : 0 File : Full-directivity IMEI : 847 Freq Level Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas dBuV/m dB dBuV/m dBuV/m dB dB cm deg 1 4880.00 40.72 -33.28 74.00 61.70 34.19 10.20 65.37 100 0 Peak VERTICAL
	 Data: 11 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 Frequency (MHz) FCC PART 15C dB FCC PART 15C (Ave) dB Site : D23805-E5 Condition : FCC PART 15C 3m 3317 CM 76967 HORIZONTAL Project : RFV 1000, 0000Hz YZF 1000, 0000Hz SPT Auto Pole : 0 Plane : 0 File : Full-directivity IMEI : 847 Freq Level Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas dBuV/m dB dBuV/m dBuV/m dB dB cm deg 1 4880.00 39.73 -34.27 74.00 69.71 34.19 10.20 65.37 300 0 Peak HORIZONTAL	 Data: 12 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 0 2000 4000 6000 8000 10000 12000 14000 16000 18000 Frequency (MHz) FCC PART 15C dB FCC PART 15C (Ave) dB Site : D23805-E5 Condition : FCC PART 15C 3m 3317 CM 76967 VERTICAL Project : RFV 1000, 0000Hz YZF 1000, 0000Hz SPT Auto Pole : 0 Plane : 0 File : Full-directivity IMEI : 847 Freq Level Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas dBuV/m dB dBuV/m dBuV/m dB dB cm deg 1 4880.00 40.72 -33.28 74.00 61.70 34.19 10.20 65.37 100 0 Peak VERTICAL



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																									
ANT	BT CH39 2441MHz																																																																																									
1	Horizontal	Vertical																																																																																								
Peak Avg.	No. 1008, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900068 http://www.sporton.com.cn Site : D03B05-K5 Condition : FCC PART 15C 2m 3317 SW 75957 HORIZONTAL RFW 1000, 0000Hz Y5W 1000, 0000Hz SWT Auto Project : FR210710-01 Mode : 2 Plane : T Full-directivity : Full-directivity Ant : HAT <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4875.00</td><td>48.40</td><td>-33.68</td><td>74.00</td><td>61.30</td><td>34.23</td><td>10.29</td><td>65.42</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7320.00</td><td>41.86</td><td>-32.14</td><td>74.00</td><td>59.23</td><td>35.87</td><td>12.72</td><td>65.96</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	4875.00	48.40	-33.68	74.00	61.30	34.23	10.29	65.42	0 Peak	HORIZONTAL	2	7320.00	41.86	-32.14	74.00	59.23	35.87	12.72	65.96	0 Peak	HORIZONTAL	No. 1008, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900068 http://www.sporton.com.cn Site : D03B05-K5 Condition : FCC PART 15C 2m 3317 SW 75957 VERTICAL RFW 1000, 0000Hz Y5W 1000, 0000Hz SWT Auto Project : FR210710-01 Mode : 2 Plane : T Full-directivity : Full-directivity Ant : HAT <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4875.00</td><td>39.69</td><td>-34.31</td><td>74.00</td><td>60.59</td><td>34.23</td><td>10.29</td><td>65.42</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7320.00</td><td>43.30</td><td>-30.70</td><td>74.00</td><td>60.67</td><td>35.87</td><td>12.72</td><td>65.96</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	4875.00	39.69	-34.31	74.00	60.59	34.23	10.29	65.42	0 Peak	VERTICAL	2	7320.00	43.30	-30.70	74.00	60.67	35.87	12.72	65.96	0 Peak	VERTICAL
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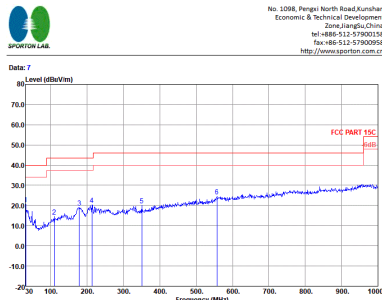
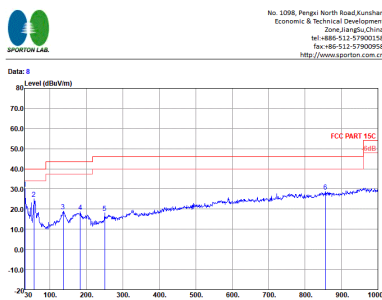


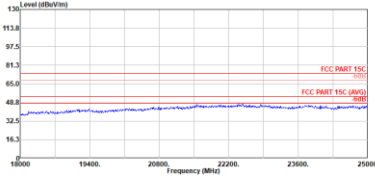
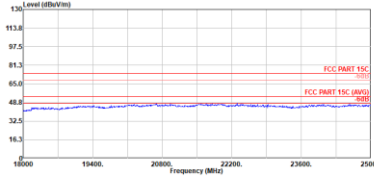
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Peak Avg.	 Site : DZBPG-K2 Condition : FCC PART 15C 2m 3317 SW 75957 HORIZONTAL RFW 1000.000MHz YFW 1000.000MHz SWT Auto Project : FR210710-01 Mode : 2 Plane : T Full-directivity : Full-directivity Ant : HAT <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4965.00</td><td>48.82</td><td>-33.18</td><td>74.00</td><td>61.69</td><td>34.28</td><td>10.41</td><td>65.47</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7448.00</td><td>42.91</td><td>-31.09</td><td>74.00</td><td>60.54</td><td>35.89</td><td>12.79</td><td>66.31</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	4965.00	48.82	-33.18	74.00	61.69	34.28	10.41	65.47	0 Peak	HORIZONTAL	2	7448.00	42.91	-31.09	74.00	60.54	35.89	12.79	66.31	0 Peak	HORIZONTAL	 Site : DZBPG-K2 Condition : FCC PART 15C 2m 3317 SW 75957 VERTICAL RFW 1000.000MHz YFW 1000.000MHz SWT Auto Project : FR210710-01 Mode : 2 Plane : T Full-directivity : Full-directivity Ant : HAT <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4965.00</td><td>48.32</td><td>-31.68</td><td>74.00</td><td>61.18</td><td>34.28</td><td>10.41</td><td>65.47</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7448.00</td><td>45.17</td><td>-28.83</td><td>74.00</td><td>62.80</td><td>35.89</td><td>12.79</td><td>66.31</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dBm/100kHz	dB	dB	cm	deg			1	4965.00	48.32	-31.68	74.00	61.18	34.28	10.41	65.47	0 Peak	VERTICAL	2	7448.00	45.17	-28.83	74.00	62.80	35.89	12.79	66.31	0 Peak	VERTICAL
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Emission below 1GHz

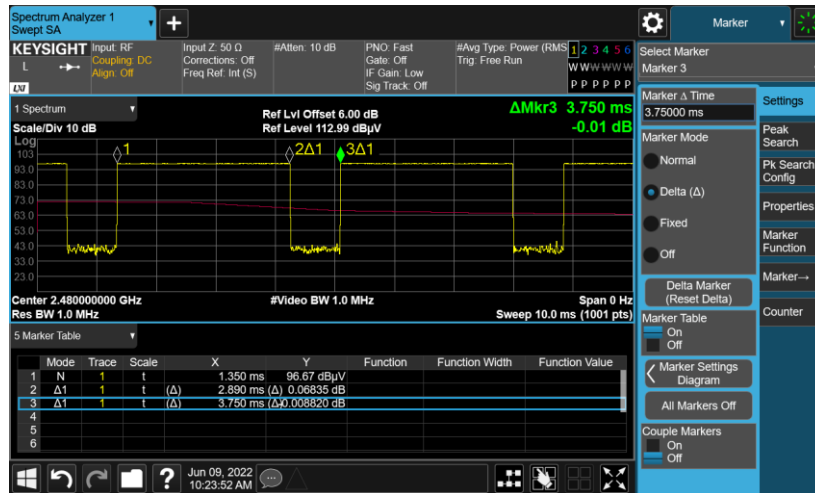
2.4GHz BT (LF)

BT	2.4GHz 2400~2483.5MHz																																																																																																																																																																																																	
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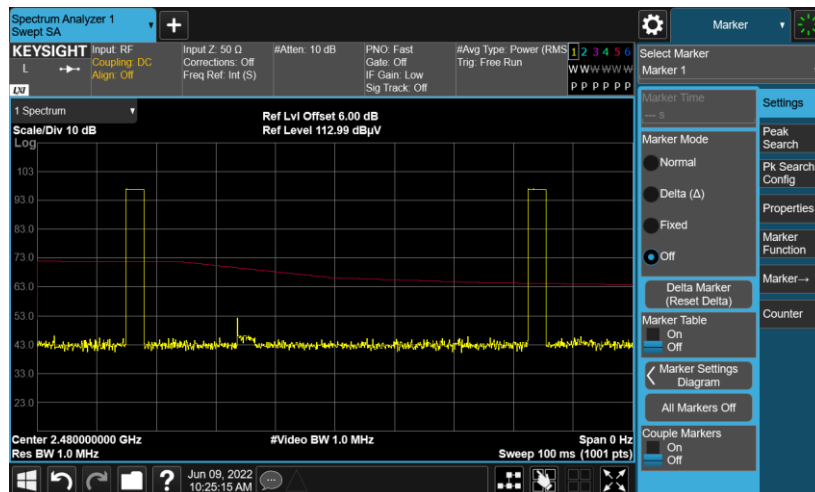
BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m from worse case	
ANT	BT CH78 2480MHz(18GHz-25GHz)	
1	Horizontal	Vertical
Peak		

Appendix E. Duty Cycle Plots

3DH5 on time (One Pulse) Plot on Channel 39



3DH5 on time (Count Pulses) Plot on Channel 39



Note:

1. Worst case Duty cycle = on time/100 milliseconds = $2 * 2.89 / 100 = 5.78 \%$
2. Worst case Duty cycle correction factor = $20 * \log(\text{Duty cycle}) = -24.76 \text{ dB}$
3. 3DH5 has the highest duty cycle worst case and is reported.