

FCC EMC Test Report

Report No.: JYTSZ-R01-2400445

Applicant: SKY PHONE LLC

Address of Applicant: 1348 Washington Av. Suite 350, Miami Beach, FL33139

Equipment Under Test (EUT)

Product Name: Smart Phone

Model No.: SKY 65Pro

Trade Mark: SKY DEVICES

FCC ID: 2ABOSSKY65PRO

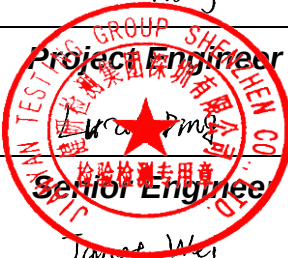
Applicable Standards: FCC CFR Title 47 Part 15B

Date of Sample Receipt: 26 Aug., 2024

Date of Test: 27 Aug., to 06 Sep., 2024

Date of report Issued: 09 Sep., 2024

Test Result: PASS

Project by:	<u> <i>Vieta Zhang</i> </u>	Date:	<u> 09 Sep., 2024 </u>
			
Reviewed by:	<u> <i>Li Wang</i> </u>	Date:	<u> 09 Sep., 2024 </u>
Approved by:	<u> <i>James Wei</i> </u>	Date:	<u> 09 Sep., 2024 </u>
	Manager		

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

Version No.	Date	Description
00	09 Sep., 2024	Original

2 Contents

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3 General Information

3.1 Client Information

Applicant:	SKY PHONE LLC
Address:	1348 Washington Av. Suite 350, Miami Beach, FL33139
Manufacturer:	SKY PHONE LLC
Address:	1348 Washington Av. Suite 350, Miami Beach, FL33139

3.2 General Description of E.U.T.

Product Name:	Smart Phone
Model No.:	SKY 65Pro
Power Supply:	Rechargeable Li-ion Battery DC3.85V, 4000mAh
AC Adapter:	Model: ZHY-QU050100S Input: AC100-240V, 50/60Hz, 0.2A Output: DC 5.0V, 1000mA
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode

Operating Mode	Detail Description
PC mode	Keep the EUT in Downloading mode(Worst case)
Charging+Recording mode	Keep the EUT in Charging+Recording mode
Charging+Playing mode	Keep the EUT in Charging+Playing mode
FM mode	Keep the EUT in FM receiver mode
GPS mode	Keep the EUT in GPS receiver mode

1. The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

2. The EUT has two configurations,the only different between them is memory and camera.Main EUT is memory: 2+64GB, camera: 8+8MP,Second EUT is memory: 3+64GB, camera: 8+13MP. The two configurations were all tested.

3.4 Description of Test Auxiliary Equipment

Manufacturer	Description	Model	S/N	FCC ID/DoC
Lenovo	Laptop	ThinkPad T14 Gen 1	SL10Z47277	DoC
HP	Printer	HP LaserJet P1007	VNFP409729	DoC

3.5 Description of Cable Used

Cable Type	Description	Length	From	To
Detached USB Cable	shielded	1.0m	EUT	PC/Adapter

3.6 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Conducted Emission for LISN (9kHz ~ 150kHz)	3.57 dB
Conducted Emission for LISN (150kHz ~ 30MHz)	3.14 dB
Radiated Emission (1GHz ~ 6GHz) (3m SAC)	4.5 dB
Radiated Emission (6GHz ~ 18GHz) (3m SAC)	4.7 dB
Radiated Emission (30MHz ~ 200MHz) (10m SAC)	4.3 dB
Radiated Emission (200MHz ~ 1000MHz) (10m SAC)	4.3 dB

Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

3.7 Additions to, Deviations, or Exclusions from the Method

No

3.8 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

● **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

3.9 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.10 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	01-09-2024	01-08-2025
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	01-05-2024	01-04-2025
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-27-2023	12-26-2024
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-27-2023	12-26-2024
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-27-2023	12-26-2024
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-27-2023	12-26-2024
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-17-2024	01-16-2025
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-17-2024	01-16-2025
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

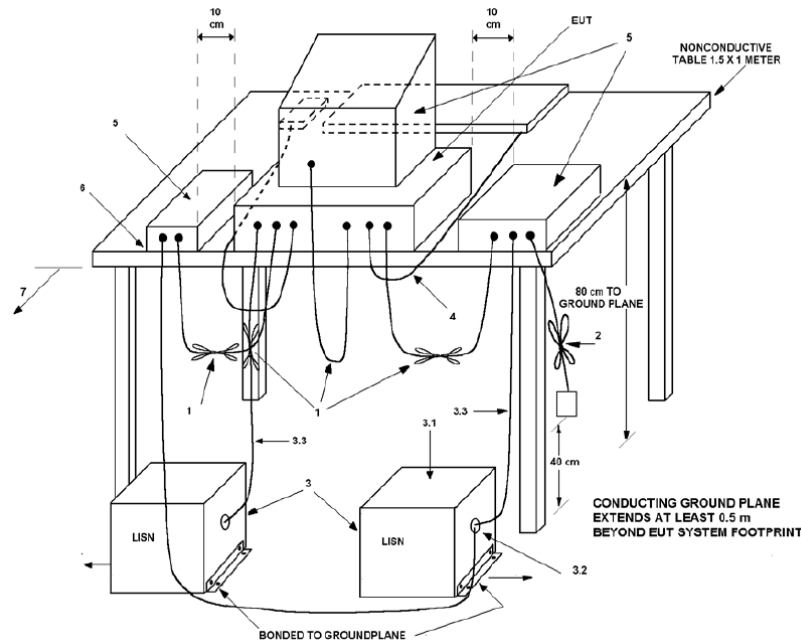
Radiated Emission(10m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
10m SAC	ETS	RFSD-100-F/A	WXJ090	04-28-2021	04-27-2026
BiConiLog Antenna	SCHWARZBECK	VULB 9168	WXJ090-1	01-05-2024	01-04-2025
BiConiLog Antenna	SCHWARZBECK	VULB 9168	WXJ090-2	12-28-2023	12-27-2024
EMI Test Receiver	R&S	ESR 3	WXJ090-3	12-27-2023	12-26-2024
EMI Test Receiver	R&S	ESR 3	WXJ090-4	12-27-2023	12-26-2024
Low Pre-amplifier	Bost	LNA 0920N	WXJ090-6	12-27-2023	12-26-2024
Low Pre-amplifier	Bost	LNA 0920N	WXJ090-7	12-27-2023	12-26-2024
Cable	Bost	JYT10M-1G-NN-10M	WXG002-7	01-17-2024	01-16-2025
Cable	Bost	JYT10M-1G-NN-10M	WXG002-8	01-17-2024	01-16-2025
Test Software	R&S	EMC32	Version: 10.50.40		

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESR3	WXJ003-2	06-11-2024	06-10-2025
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	12-27-2023	12-26-2024
LISN	Rohde & Schwarz	ESH3-Z5	WXJ005-1	12-27-2023	12-26-2024
LISN Coaxial Cable (9kHz ~ 30MHz)	JYTSZ	JYTCE-1G-NN-2M	WXG003-1	01-17-2024	01-16-2025
RF Switch	TOP PRECISION	RSU0301	WXG003	N/A	
Test Software	AUDIX	E3	Version: 6.110919b		

4 Measurement Setup and Procedure

4.1 Test Setup

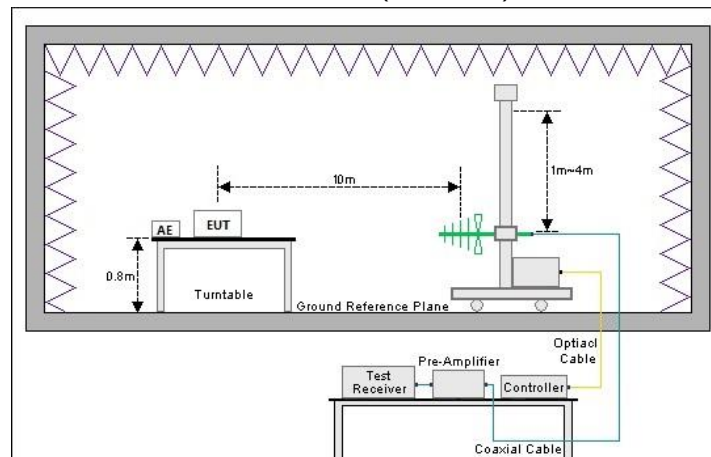
1) Conducted emission measurement:

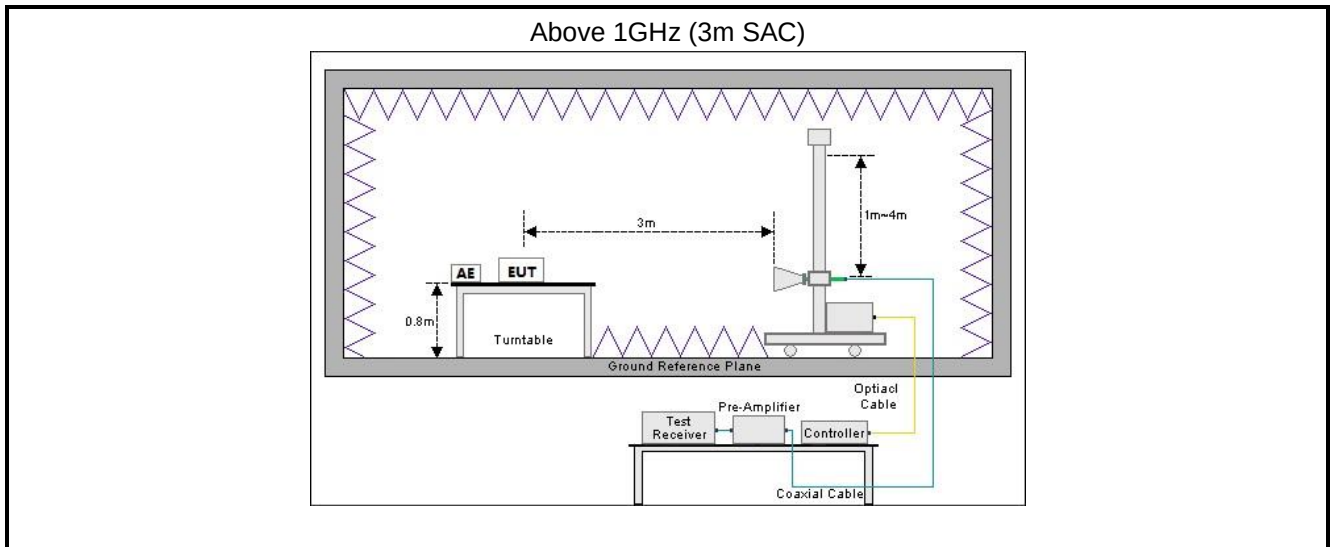


Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

Below 1GHz (10m SAC)





4.2 Test Procedure

Test method	Test step
Conducted emission	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4 on conducted measurement.
Radiated emission	For below 1GHz: 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 10 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 10 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For above 1GHz: 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.

5 Test Results

5.1 Summary

5.1.1 Clause and data summary

Test items	Standard clause	Test data	Result
Conducted Emission	Part 15.107	See Section 5.2	Pass
Radiated Emission	Part 15.109	See Section 5.3	Pass
Remark: 1. The EUT is a Class B digital device. 2. Pass: The EUT complies with the essential requirements in the standard. 3. N/A: Not Applicable.			
Test Method:	ANSI C63.4:2014		

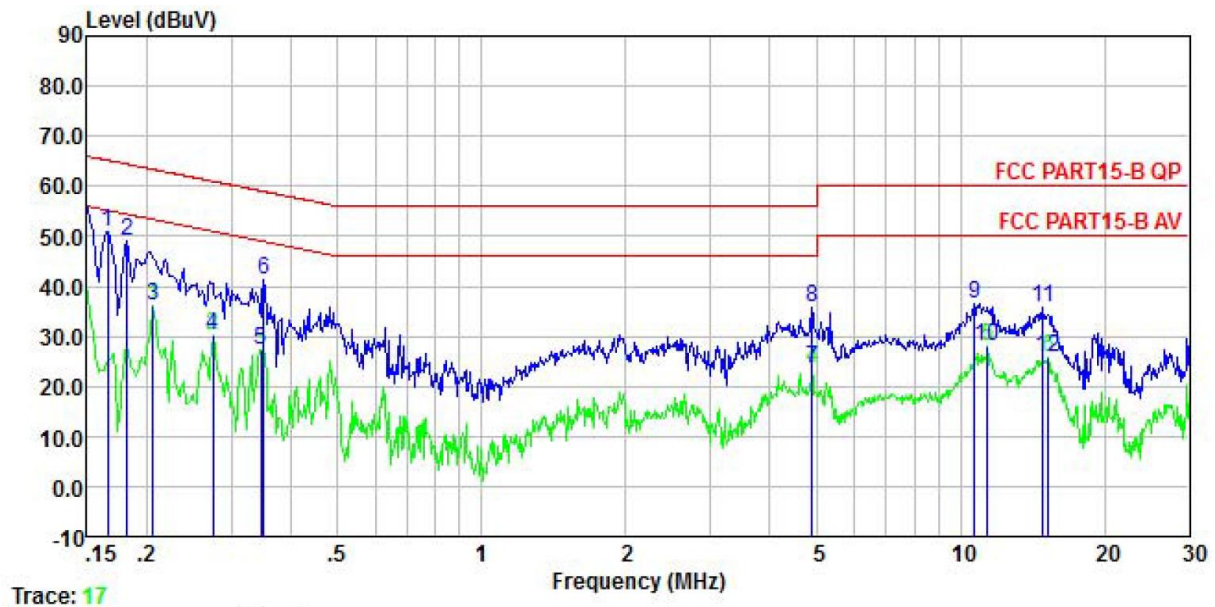
5.1.2 Test Limit

Test items	Limit																																																					
Conducted Emission	<table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Class A Limit (dBμV)</th><th colspan="2">Class B Limit (dBμV)</th></tr><tr><th>Quasi-Peak</th><th>Average</th><th>Quasi-Peak</th><th>Average</th></tr><tr><td>0.15 – 0.5</td><td>79</td><td>66</td><td>66 to 56 Note 1</td><td>56 to 46 Note 1</td></tr><tr><td>0.5 – 5</td><td>73</td><td>60</td><td>56</td><td>46</td></tr><tr><td>5 – 30</td><td>73</td><td>60</td><td>60</td><td>50</td></tr><tr><td colspan="5">Note 1: The limit level in dBμV decreases linearly with the logarithm of frequency.</td></tr><tr><td colspan="5">Note 2: The more stringent limit applies at transition frequencies.</td></tr></table>	Frequency (MHz)	Class A Limit (dBμV)		Class B Limit (dBμV)		Quasi-Peak	Average	Quasi-Peak	Average	0.15 – 0.5	79	66	66 to 56 Note 1	56 to 46 Note 1	0.5 – 5	73	60	56	46	5 – 30	73	60	60	50	Note 1: The limit level in dBμV decreases linearly with the logarithm of frequency.					Note 2: The more stringent limit applies at transition frequencies.																							
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Radiated Emission	<table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Class A Limit (dBμV/m)</th><th colspan="2">Class B Limit (dBμV/m)</th></tr><tr><th>Quasi-Peak @ 3m</th><th>Quasi-Peak @ 10m</th><th>Quasi-Peak @ 3m</th><th>Quasi-Peak @ 10m</th></tr><tr><td>30 – 88</td><td>49.0</td><td>39.0</td><td>40.0</td><td>30.0</td></tr><tr><td>88 – 216</td><td>53.5</td><td>43.5</td><td>43.5</td><td>33.5</td></tr><tr><td>216 – 960</td><td>56.0</td><td>46.0</td><td>46.0</td><td>36.0</td></tr><tr><td>960 – 1000</td><td>60.0</td><td>50.0</td><td>54.0</td><td>44.0</td></tr><tr><td colspan="5">Note: The more stringent limit applies at transition frequencies.</td></tr><tr><th rowspan="2">Frequency</th><th colspan="2">Class A Limit (dBμV/m) @ 3m</th><th colspan="2">Class B Limit (dBμV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>60.0</td><td>80.0</td><td>54.0</td><td>74.0</td></tr><tr><td colspan="5">Note: The measurement bandwidth shall be 1 MHz or greater.</td></tr></table>	Frequency (MHz)	Class A Limit (dBμV/m)		Class B Limit (dBμV/m)		Quasi-Peak @ 3m	Quasi-Peak @ 10m	Quasi-Peak @ 3m	Quasi-Peak @ 10m	30 – 88	49.0	39.0	40.0	30.0	88 – 216	53.5	43.5	43.5	33.5	216 – 960	56.0	46.0	46.0	36.0	960 – 1000	60.0	50.0	54.0	44.0	Note: The more stringent limit applies at transition frequencies.					Frequency	Class A Limit (dBμV/m) @ 3m		Class B Limit (dBμV/m) @ 3m		Average	Peake	Average	Peake	Above 1 GHz	60.0	80.0	54.0	74.0	Note: The measurement bandwidth shall be 1 MHz or greater.				
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5.2 Conducted Emission

Main EUT (Memory: 2+64GB, Camera: 8+8MP):

Product name:	Smart Phone	Product model:	SKY 65Pro
Test by:	Kiran Zeng	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		

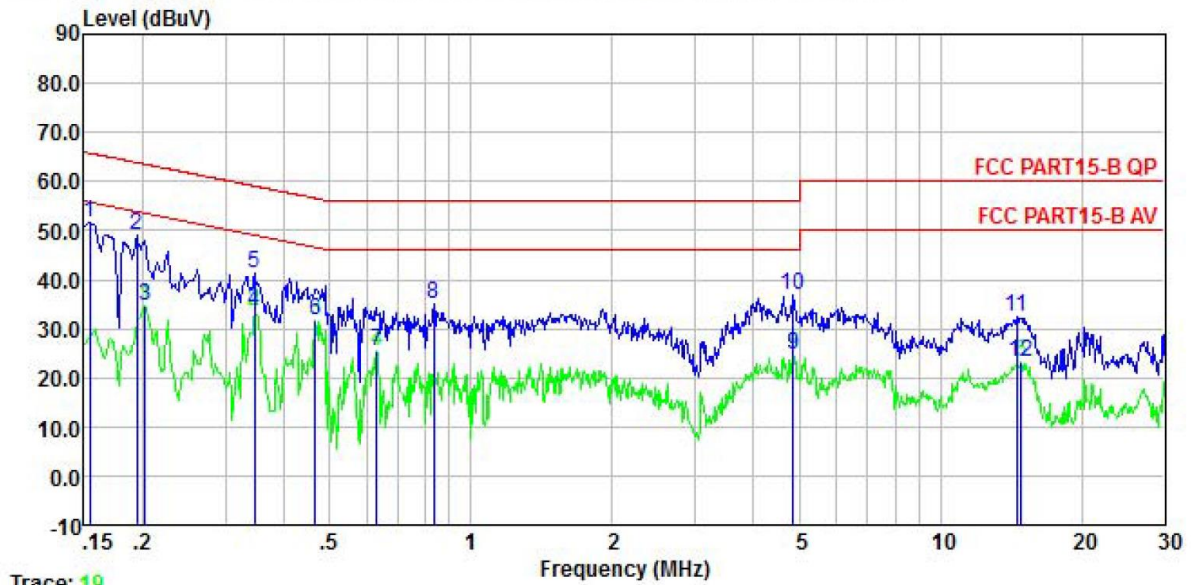


	Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.166	40.97	0.20	0.00	9.88	0.01	51.06	65.16	-14.10	QP
2	0.182	39.10	0.20	0.00	9.88	0.01	49.19	64.42	-15.23	QP
3	0.206	25.93	0.20	0.00	9.88	0.04	36.05	53.36	-17.31	Average
4	0.274	20.28	0.20	0.00	9.88	0.02	30.38	50.98	-20.60	Average
5	0.346	17.16	0.20	0.00	9.88	0.02	27.26	49.05	-21.79	Average
6	0.350	31.13	0.20	0.00	9.88	0.02	41.23	58.96	-17.73	QP
7	4.900	13.53	0.20	0.00	9.89	0.09	23.71	46.00	-22.29	Average
8	4.900	25.52	0.20	0.00	9.89	0.09	35.70	56.00	-20.30	QP
9	10.676	26.12	0.22	0.00	9.91	0.12	36.37	60.00	-23.63	QP
10	11.377	17.61	0.23	0.00	9.92	0.11	27.87	50.00	-22.13	Average
11	14.828	25.36	0.30	0.00	9.93	0.14	35.73	60.00	-24.27	QP
12	15.226	15.36	0.30	0.00	9.93	0.14	25.73	50.00	-24.27	Average

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Product name:	Smart Phone	Product model:	SKY 65Pro
Test by:	Kiran Zeng	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



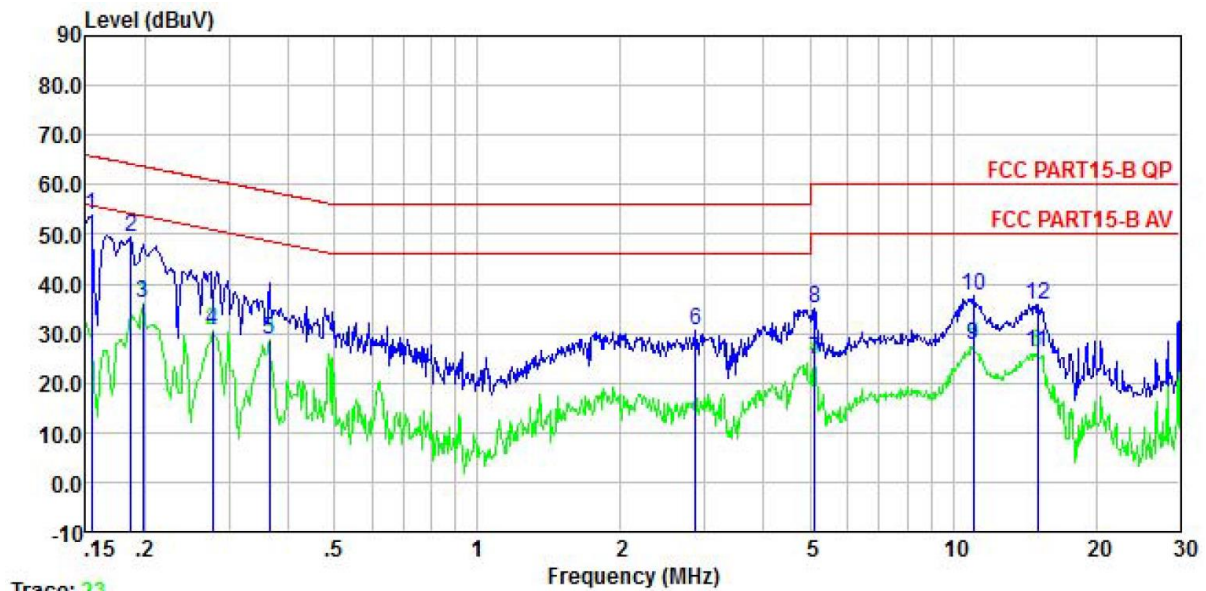
	Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	41.58	0.20	0.00	9.88	0.01	51.67	65.78	-14.11	QP
2	0.194	38.95	0.20	0.00	9.88	0.03	49.06	63.84	-14.78	QP
3	0.202	24.61	0.20	0.00	9.88	0.04	34.73	53.54	-18.81	Average
4	0.346	23.52	0.20	0.00	9.88	0.02	33.62	49.05	-15.43	Average
5	0.346	31.35	0.20	0.00	9.88	0.02	41.45	59.05	-17.60	QP
6	0.466	21.71	0.20	0.00	9.88	0.03	31.82	46.58	-14.76	Average
7	0.630	15.44	0.20	0.00	9.88	0.02	25.54	46.00	-20.46	Average
8	0.835	25.03	0.20	0.00	9.88	0.03	35.14	56.00	-20.86	QP
9	4.848	14.46	0.30	0.00	9.89	0.09	24.74	46.00	-21.26	Average
10	4.848	26.47	0.30	0.00	9.89	0.09	36.75	56.00	-19.25	QP
11	14.517	21.95	0.40	0.00	9.93	0.13	32.41	60.00	-27.59	QP
12	14.828	12.76	0.40	0.00	9.93	0.14	23.23	50.00	-26.77	Average

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Second EUT (Memory: 3+64GB, Camera: 8+13MP):

Product name:	Smart Phone	Product model:	SKY 65Pro
Test by:	Kiran Zeng	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		

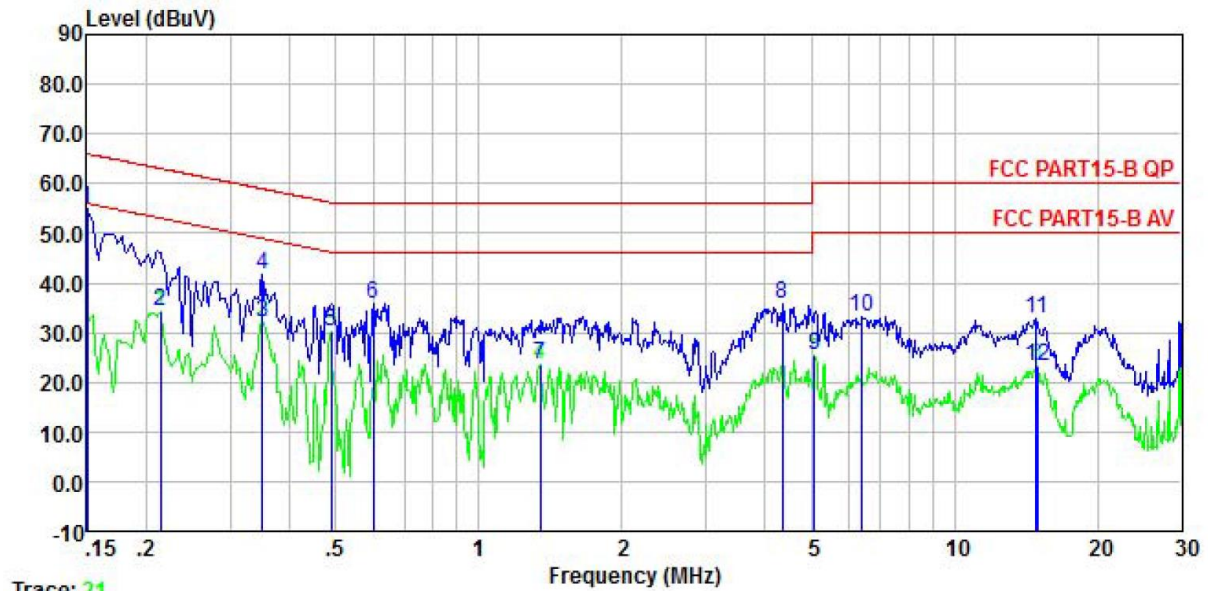


	Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	43.83	0.20	0.00	9.88	0.01	53.92	65.78	-11.86	QP
2	0.186	39.30	0.20	0.00	9.88	0.02	49.40	64.20	-14.80	QP
3	0.198	26.10	0.20	0.00	9.88	0.04	36.22	53.71	-17.49	Average
4	0.277	20.57	0.20	0.00	9.88	0.02	30.67	50.90	-20.23	Average
5	0.365	18.64	0.20	0.00	9.88	0.03	28.75	48.61	-19.86	Average
6	2.869	20.37	0.20	0.00	9.89	0.08	30.54	56.00	-25.46	QP
7	5.112	14.34	0.20	0.00	9.89	0.09	24.52	50.00	-25.48	Average
8	5.112	24.78	0.20	0.00	9.89	0.09	34.96	60.00	-25.04	QP
9	11.021	17.33	0.22	0.00	9.91	0.11	27.57	50.00	-22.43	Average
10	11.021	27.31	0.22	0.00	9.91	0.11	37.55	60.00	-22.45	QP
11	15.066	15.65	0.30	0.00	9.93	0.14	26.02	50.00	-23.98	Average
12	15.146	25.42	0.30	0.00	9.93	0.14	35.79	60.00	-24.21	QP

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Product name:	Smart Phone	Product model:	SKY 65Pro
Test by:	Kiran Zeng	Test mode:	PC mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



	Read	LISN	Aux	Aux2	Cable		Limit	Over	
Freq	Level	Factor	Factor	Factor	Loss	Level	Line	Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.150	44.83	0.20	0.00	9.88	0.01	54.92	66.00	-11.08 QP
2	0.214	24.33	0.20	0.00	9.88	0.03	34.44	53.05	-18.61 Average
3	0.350	22.06	0.20	0.00	9.88	0.02	32.16	48.96	-16.80 Average
4	0.350	31.47	0.20	0.00	9.88	0.02	41.57	58.96	-17.39 QP
5	0.489	20.23	0.20	0.00	9.88	0.03	30.34	46.19	-15.85 Average
6	0.601	25.82	0.20	0.00	9.88	0.02	35.92	56.00	-20.08 QP
7	1.345	13.49	0.24	0.00	9.88	0.12	23.73	46.00	-22.27 Average
8	4.338	25.34	0.30	0.00	9.89	0.08	35.61	56.00	-20.39 QP
9	5.085	15.29	0.30	0.00	9.89	0.09	25.57	50.00	-24.43 Average
10	6.386	23.00	0.30	0.00	9.90	0.09	33.29	60.00	-26.71 QP
11	14.828	22.43	0.40	0.00	9.93	0.14	32.90	60.00	-27.10 QP
12	14.907	12.78	0.40	0.00	9.93	0.14	23.25	50.00	-26.75 Average

Remark:

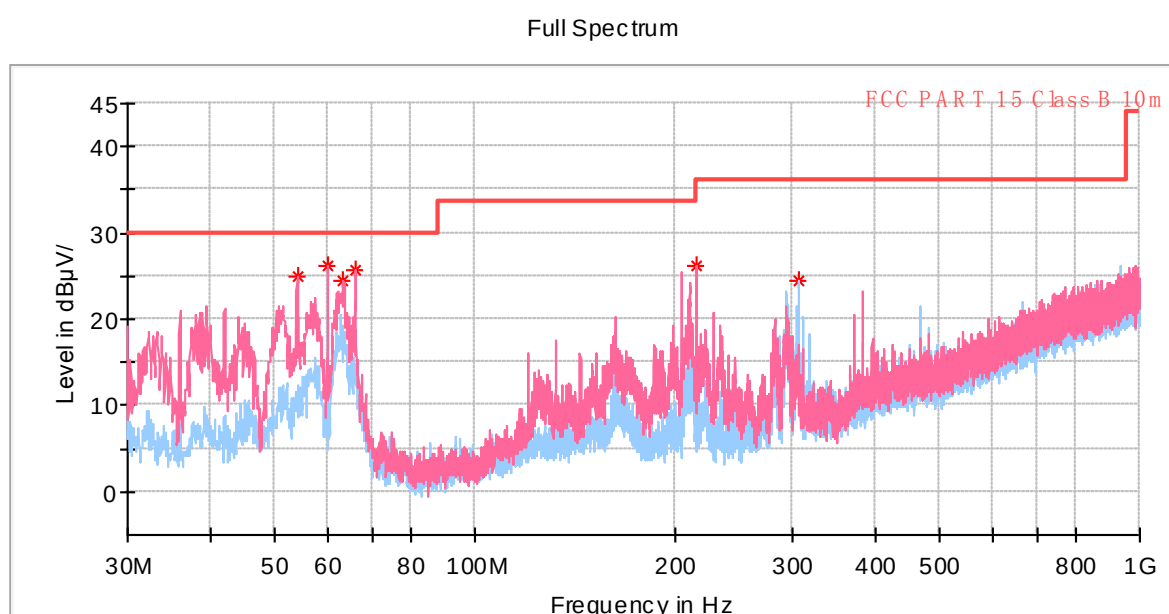
1. Level = Read level + LISN Factor + Cable Loss.

5.3 Radiated Emission

Main EUT (Memory: 2+64GB, Camera: 8+8MP)

Below 1GHz:

Product Name:	Smart Phone	Product Model:	SKY 65Pro
Test By:	Kiran Zeng	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical & Horizontal
Test Voltage:	AC 120V/60Hz		



Critical Freqs

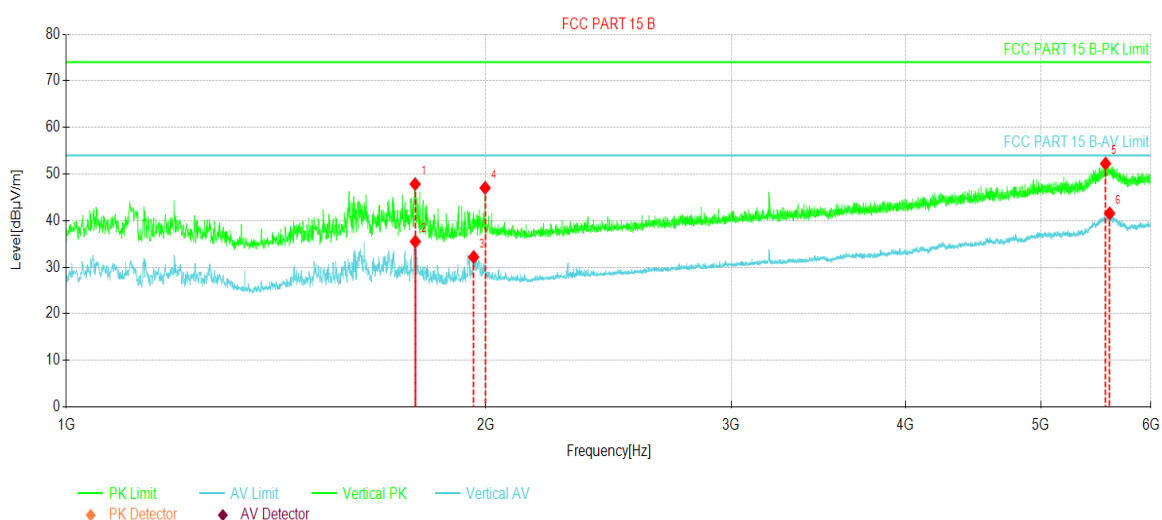
Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Comment
53.959000	24.92	30.00	5.08	100.0	V	22.0	-16.5	14:54:08 - 2024/9/3
59.973000	26.28	30.00	3.72	100.0	V	22.0	-17.0	14:54:08 - 2024/9/3
63.465000	24.37	30.00	5.63	100.0	V	85.0	-17.7	14:54:08 - 2024/9/3
65.987000	25.77	30.00	4.23	100.0	V	22.0	-18.1	14:54:08 - 2024/9/3
215.997500	26.07	33.50	7.43	100.0	V	124.0	-18.3	14:54:08 - 2024/9/3
305.965000	24.33	36.00	11.67	100.0	H	0.0	-14.5	14:54:30 - 2024/9/3

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Above 1GHz:

Product Name:	Smart Phone	Product Model:	SKY 65Pro
Test By:	Alan Chen	Test mode:	PC mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz		



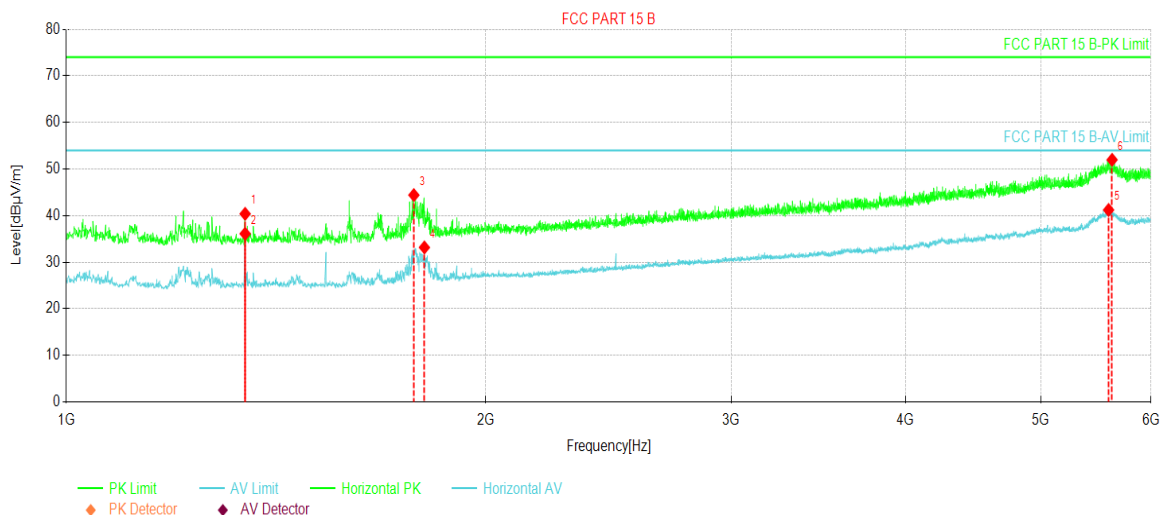
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	1779.4724	70.11	47.83	-22.28	74.00	26.17	PK	Vertical
2	1780.0975	57.76	35.48	-22.28	54.00	18.52	AV	Vertical
3	1960.1200	53.20	32.17	-21.03	54.00	21.83	AV	Vertical
4	1997.6247	67.76	47.01	-20.75	74.00	26.99	PK	Vertical
5	5566.1958	57.16	52.22	-4.94	74.00	21.78	PK	Vertical
6	5603.7005	45.92	41.54	-4.38	54.00	12.46	AV	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	Smart Phone	Product Model:	SKY 65Pro
Test By:	Alan Chen	Test mode:	PC mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	1343.7930	63.19	40.37	-22.82	74.00	33.63	PK	Horizontal
2	1343.7930	58.92	36.10	-22.82	54.00	17.90	AV	Horizontal
3	1775.7220	66.69	44.40	-22.29	74.00	29.60	PK	Horizontal
4	1806.9759	55.32	33.15	-22.17	54.00	20.85	AV	Horizontal
5	5594.3243	45.65	41.20	-4.45	54.00	12.80	AV	Horizontal
6	5626.8284	56.57	51.97	-4.60	74.00	22.03	PK	Horizontal

Remark:

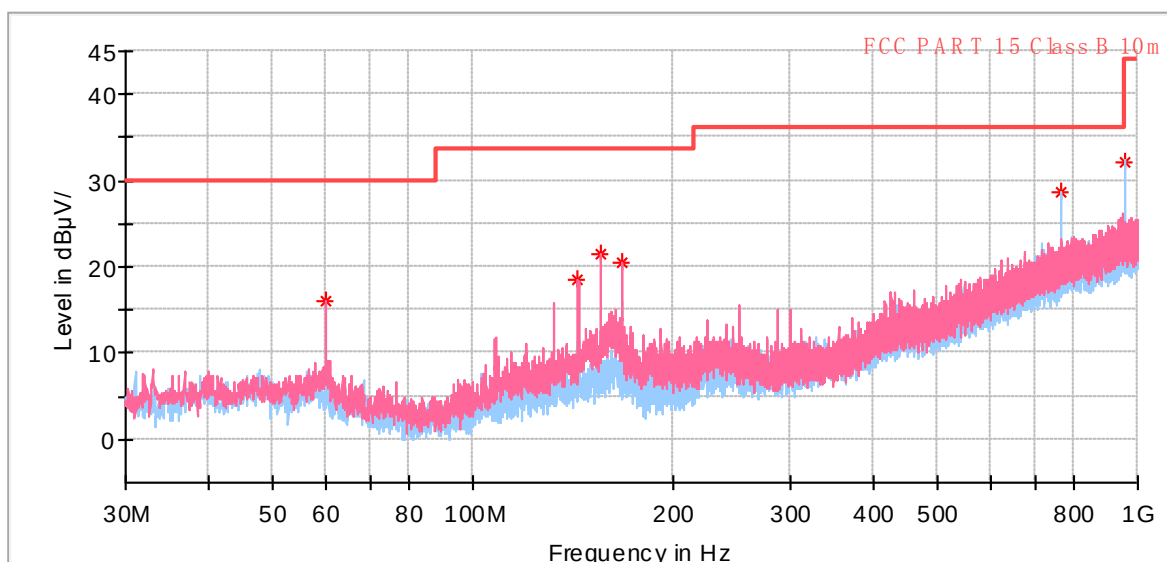
1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Second EUT (Memory: 3+64GB, Camera: 8+13MP):

Below 1GHz:

Product Name:	Smart Phone	Product Model:	SKY 65Pro
Test By:	Kiran Zeng	Test mode:	PC mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical & Horizontal
Test Voltage:	AC 120V/60Hz		

Full Spectrum



Critical_Freqs

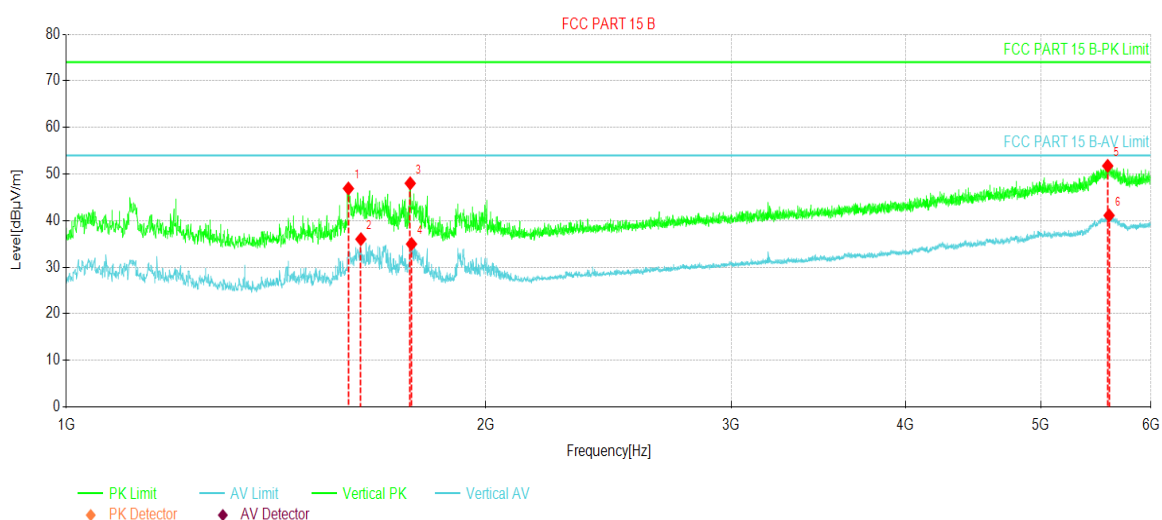
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Comment
959.987500	32.18	36.00	3.82	100.0	H	163.0	-0.2	15:23:38 - 2024/9/3
768.024500	28.56	36.00	7.44	100.0	H	218.0	-3.2	15:23:38 - 2024/9/3
155.954500	21.42	33.50	12.08	100.0	V	91.0	-15.2	15:23:38 - 2024/9/3
167.982500	20.50	33.50	13.00	100.0	V	193.0	-15.8	15:23:38 - 2024/9/3
143.975000	18.57	33.50	14.93	100.0	V	255.0	-15.8	15:23:38 - 2024/9/3
59.973000	16.03	30.00	13.97	100.0	V	301.0	-17.0	15:23:38 - 2024/9/3

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Above 1GHz:

Product Name:	Smart Phone	Product Model:	SKY 65Pro
Test By:	Alan Chen	Test mode:	PC mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz		



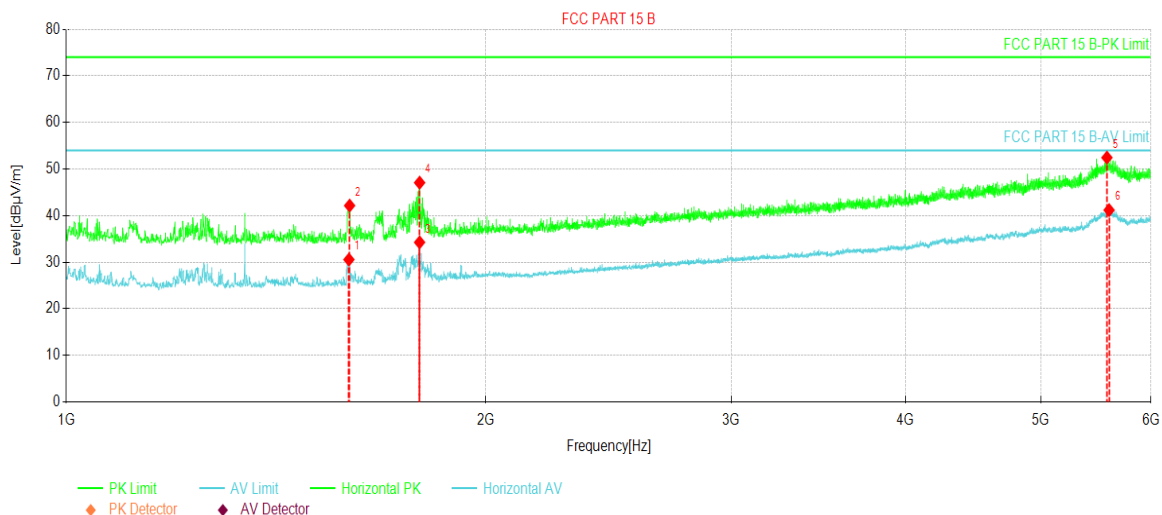
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	1593.8242	69.67	46.88	-22.79	74.00	27.12	PK	Vertical
2	1626.9534	58.71	36.00	-22.71	54.00	18.00	AV	Vertical
3	1765.0956	70.31	47.99	-22.32	74.00	26.01	PK	Vertical
4	1768.8461	57.28	34.97	-22.31	54.00	19.03	AV	Vertical
5	5585.5732	56.34	51.74	-4.60	74.00	22.26	PK	Vertical
6	5598.6998	45.47	41.10	-4.37	54.00	12.90	AV	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	Smart Phone	Product Model:	SKY 65Pro
Test By:	Alan Chen	Test mode:	PC mode
Test Frequency:	1000 MHz ~ 6000 MHz	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	1595.0744	53.34	30.55	-22.79	54.00	23.45	AV	Horizontal
2	1596.9496	64.93	42.14	-22.79	74.00	31.86	PK	Horizontal
3	1792.5991	56.49	34.25	-22.24	54.00	19.75	AV	Horizontal
4	1792.5991	69.30	47.06	-22.24	74.00	26.94	PK	Horizontal
5	5578.6973	57.16	52.44	-4.72	74.00	21.56	PK	Horizontal
6	5598.6998	45.54	41.17	-4.37	54.00	12.83	AV	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

-----End of report-----