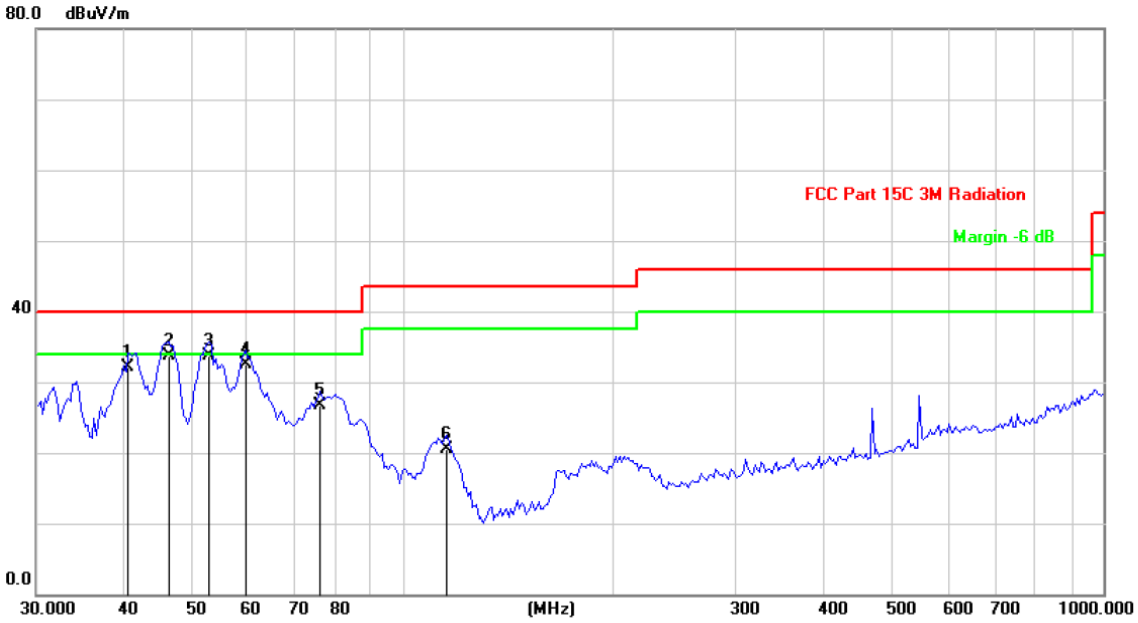
Vertical:



Site

Limit: FCC Part 15C 3M Radiation

Polarization: *Vertical*

Power: AC 120V/60Hz

Temperature: 25

Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		40.5837	45.35	-13.16	32.19	40.00	-7.81	QP
2	*	46.3806	45.71	-12.08	33.63	40.00	-6.37	QP
3		53.0056	46.21	-12.60	33.61	40.00	-6.39	QP
4		59.7315	46.59	-14.05	32.54	40.00	-7.46	QP
5		76.3869	42.56	-15.82	26.74	40.00	-13.26	QP
6		115.6322	34.03	-13.57	20.46	43.50	-23.04	QP

Note: *1.The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported*

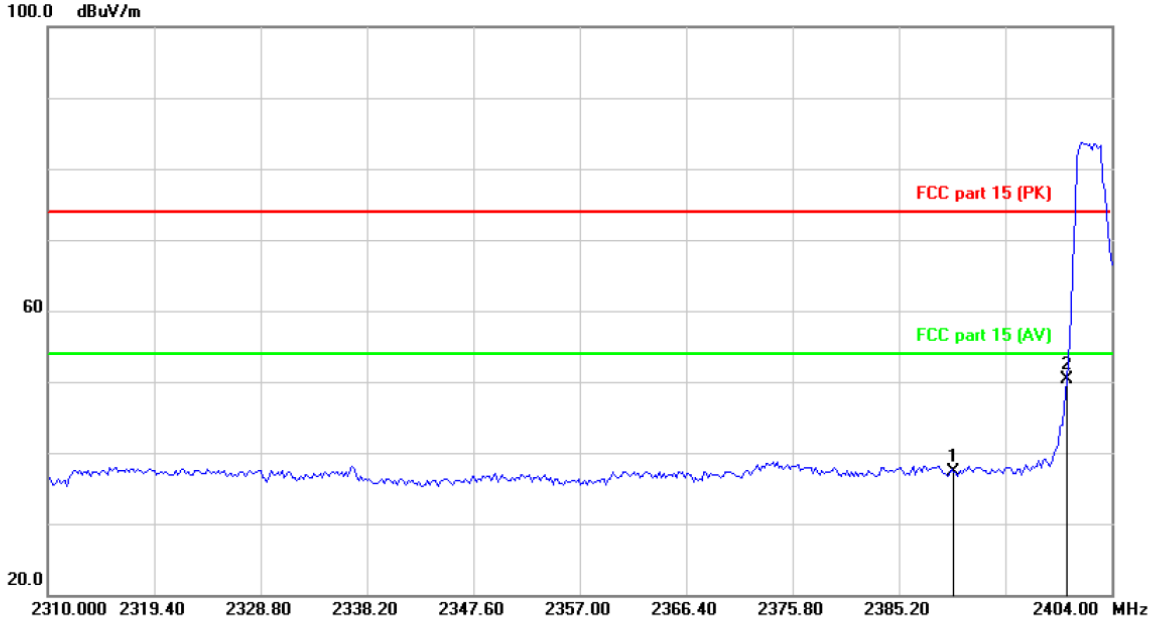
2. Measurements were conducted in all three channels (high, middle, low) and three modulation (GFSK, Pi/4 DQPSK, 8DPSK) and the worst case Mode (middle channel and 8DPSK) was submitted only.

3. Freq. = Emission frequency in MHz
Measurement (dBμV/m) = Reading level (dBμV) + Corr. Factor (dB)
Correction Factor= Antenna Factor + Cable loss – Pre-amplifier
Limit (dBμV/m) = Limit stated in standard
Margin (dB) = Measurement (dBμV/m) – Limits (dBμV/m)
** is meaning the worst frequency has been tested in the test frequency range*

Test Result of Radiated Spurious at Band edges

Lowest channel 2402:

Horizontal:



Site

Limit: FCC part 15 (PK)

Polarization: *Horizontal*

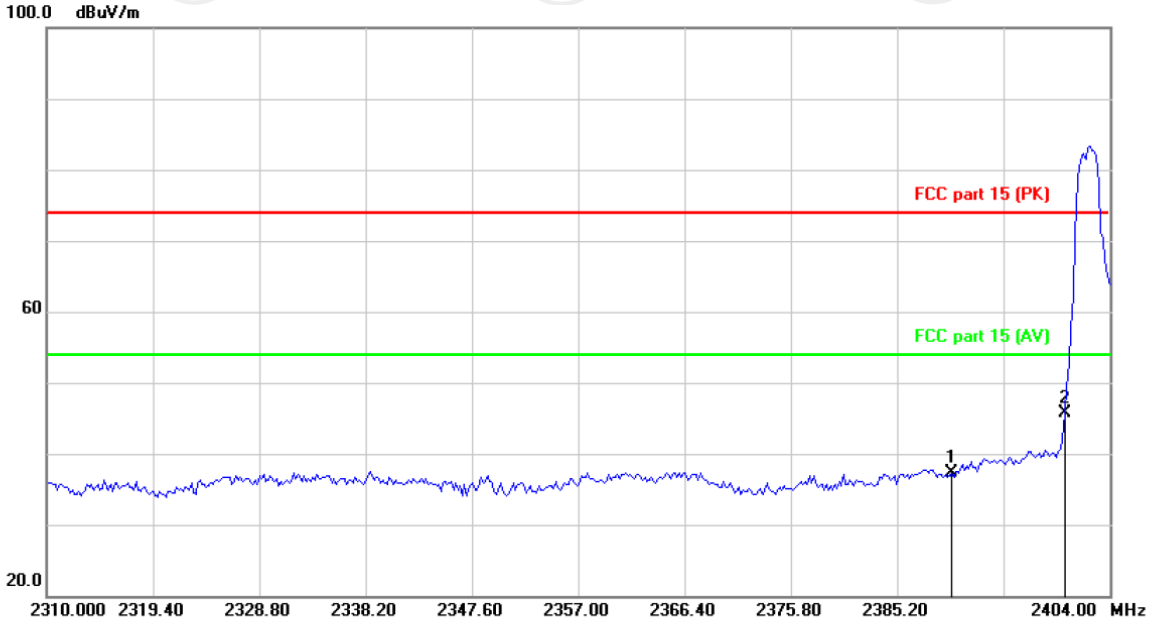
Power:

Temperature: 25

Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		2390.000	50.42	-13.15	37.27	74.00	-36.73	peak
2	*	2400.000	63.42	-13.12	50.30	74.00	-23.70	peak

Vertical:



Site
Limit: FCC part 15 (PK)

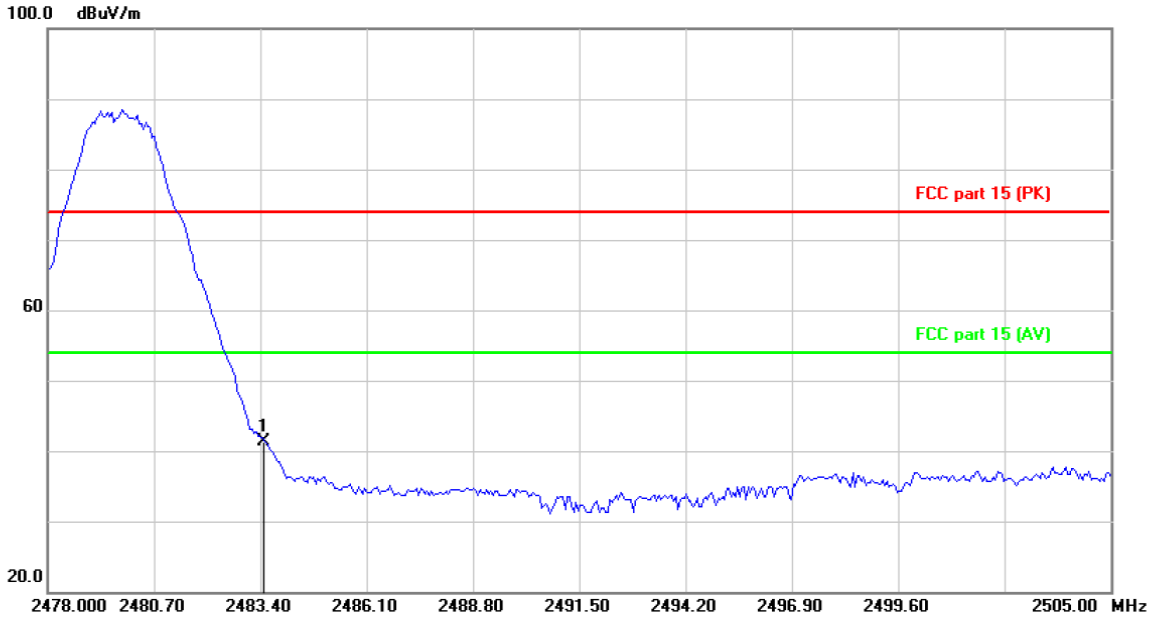
Polarization: *Vertical*
Power:

Temperature: 25
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		2390.000	50.54	-13.15	37.39	74.00	-36.61	peak
2	*	2400.000	58.81	-13.12	45.69	74.00	-28.31	peak

Highest channel 2480:

Horizontal:



Site

Limit: FCC part 15 (PK)

Polarization: *Horizontal*

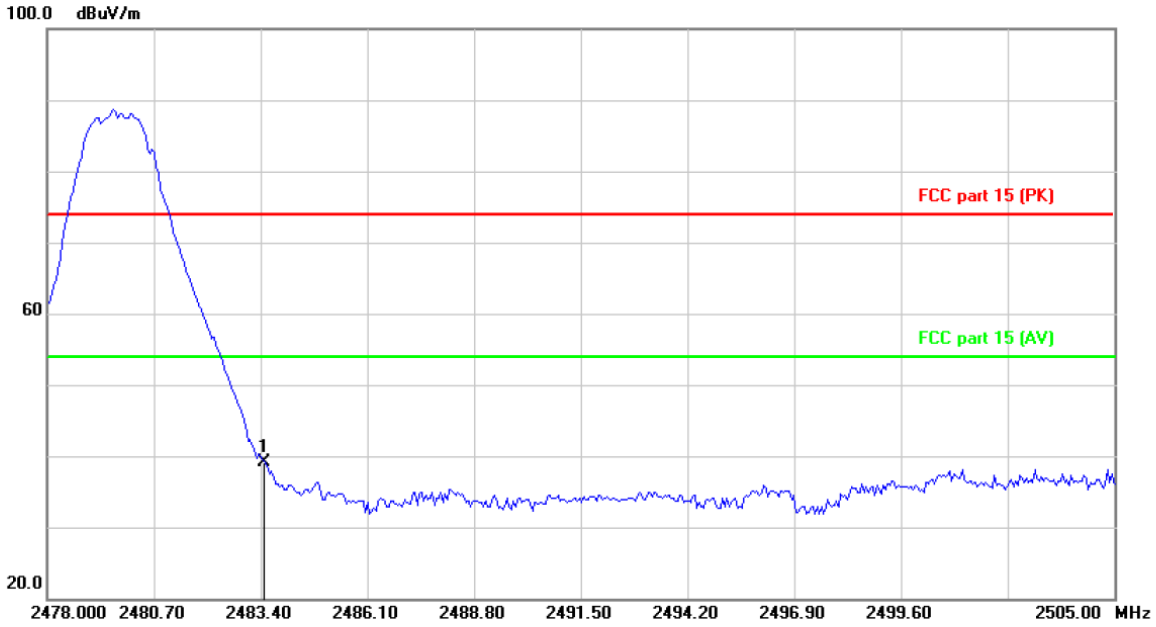
Power:

Temperature: 25

Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1	*	2483.500	54.19	-12.84	41.35	74.00	-32.65	peak

Vertical:



Site

Limit: FCC part 15 (PK)

Polarization: *Vertical*

Power:

Temperature: 25

Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1	*	2483.500	52.03	-12.84	39.19	74.00	-34.81	peak

Note: *Measurements were conducted in all three modulation (GFSK, Pi/4DQPSK, 8DPSK), and the worst case Mode (8DPSK) was submitted only.*

Above 1GHz

Modulation Type: 8DPSK									
Low channel: 2402 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBuV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4804	H	45.48	---	0.66	46.14	---	74	54	-7.86
7206	H	35.51	---	9.5	45.01	---	74	54	-8.99
---	H	---	---	---	---	---	---	---	---
4804	V	43.66	---	0.66	44.32	---	74	54	-9.68
7206	V	36.89	---	9.5	46.39	---	74	54	-7.61
---	V	---	---	---	---	---	---	---	---

Middle channel: 2441 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4882	H	46.75	---	0.99	47.74	---	74	54	-6.26
7323	H	37.92	---	9.87	47.79	---	74	54	-6.21
---	H	---	---	---	---	---	---	---	---
4882	V	45.44	---	0.99	46.43	---	74	54	-7.57
7323	V	37.56	---	9.87	47.43	---	74	54	-6.57
---	V	---	---	---	---	----	---	---	---

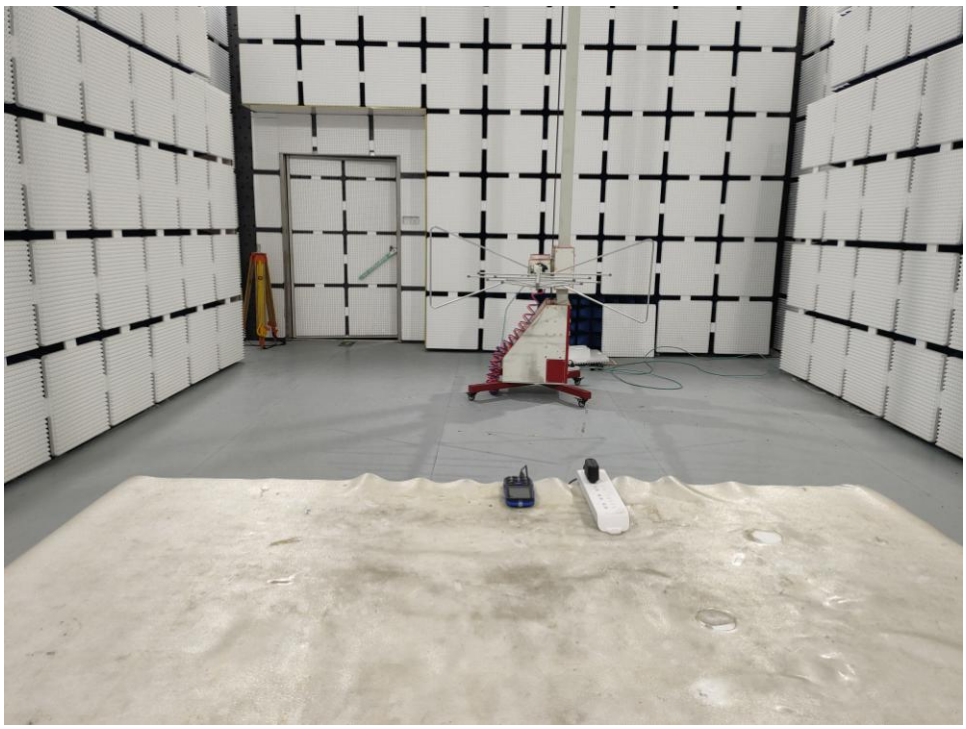
High channel: 2480 MHz									
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	AV reading (dBμV)	Correction Factor (dB/m)	Emission Level		Peak limit (dBμV/m)	AV limit (dBμV/m)	Margin (dB)
					Peak (dBμV/m)	AV (dBμV/m)			
4960	H	46.95	---	1.33	48.28	---	74	54	-5.72
7440	H	35.31	---	10.22	45.53	---	74	54	-8.47
---	H	---	---	---	---	---	---	---	---
4960	V	46.47	---	1.33	47.80	---	74	54	-6.20
7440	V	35.83	---	10.22	46.05	---	74	54	-7.95
---	V	---	---	---	---	---	---	---	---

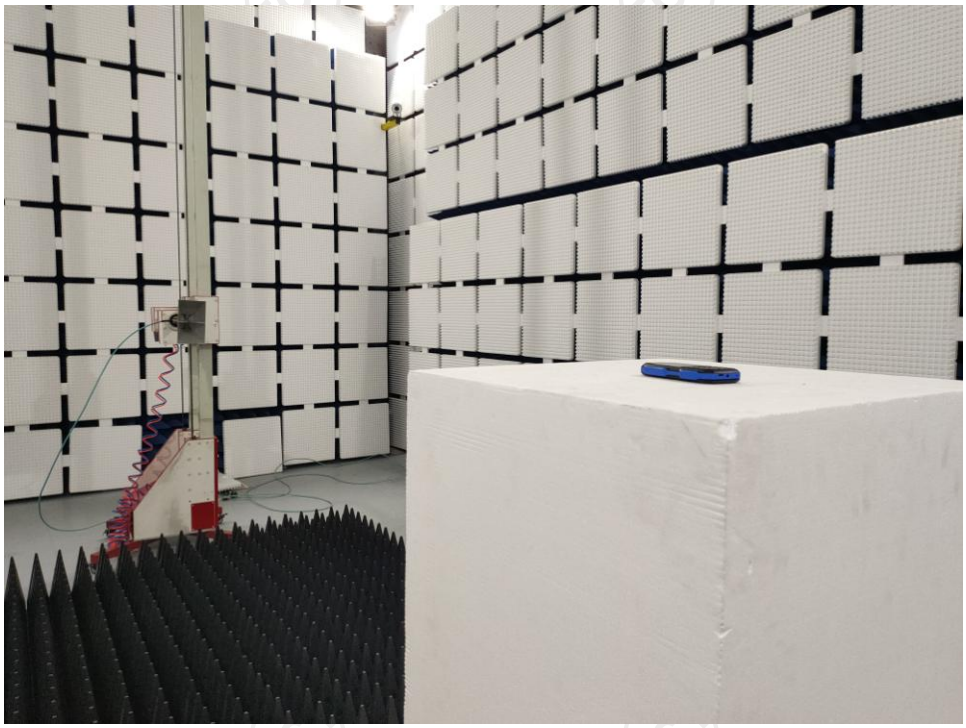
Note:

1. *Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss – Pre-amplifier*
2. *Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)*
3. *The emission levels of other frequencies are very lower than the limit and not show in test report.*
4. *Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.*
5. *Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.*
6. *Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK, 8DPSK), and the worst case Mode (8DPSK) was submitted only.*
7. *All the restriction bands are compliance with the limit of 15.209.*

Appendix A: Photographs of Test Setup

Product: MOBILE PHONE
Model: SNAP MEGA
Radiated Emission





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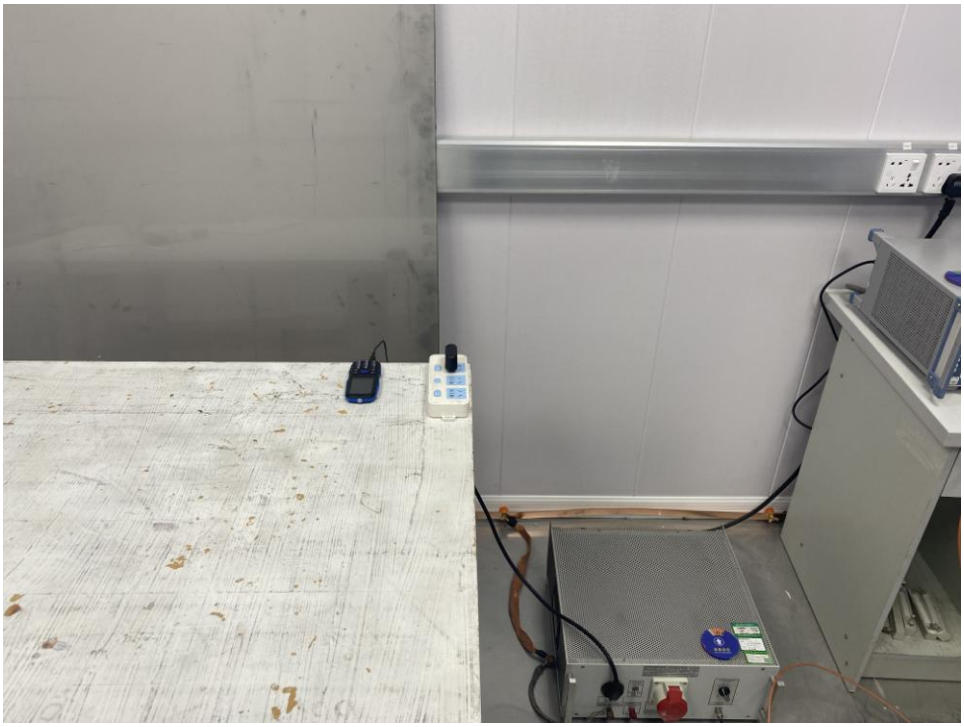
Conducted Emission



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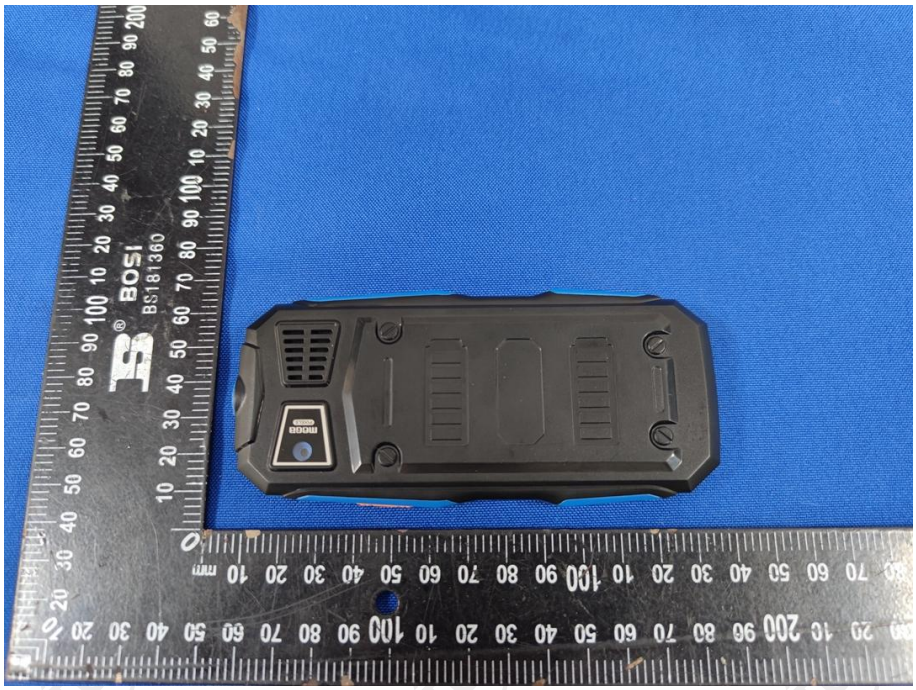
Appendix B: Photographs of EUT

Product: MOBILE PHONE

Model: SNAP MEGA

External Photos



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Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Product: MOBILE PHONE
Model: SNAP MEGA
Internal Photos

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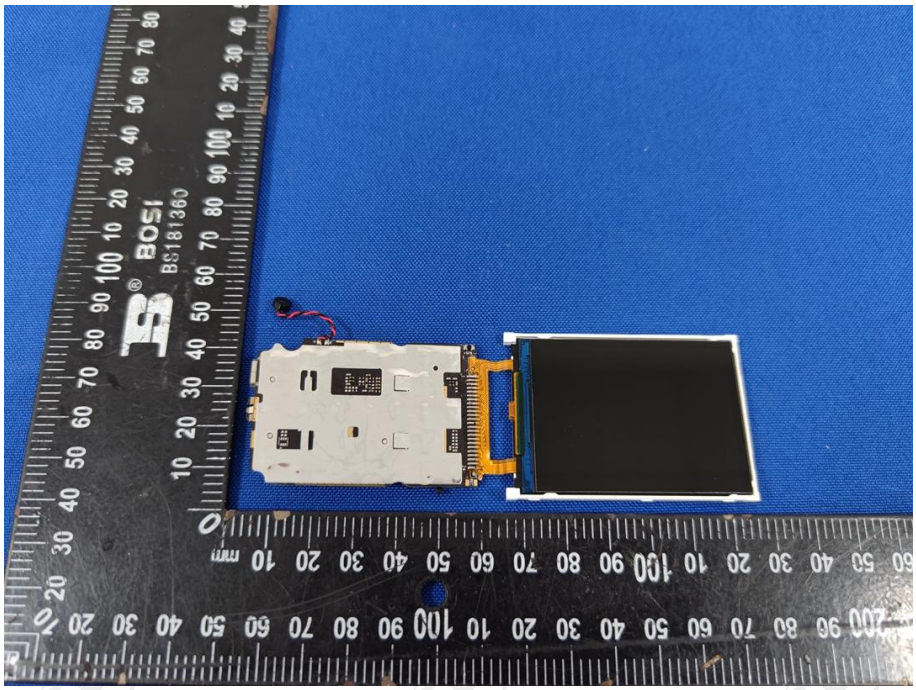

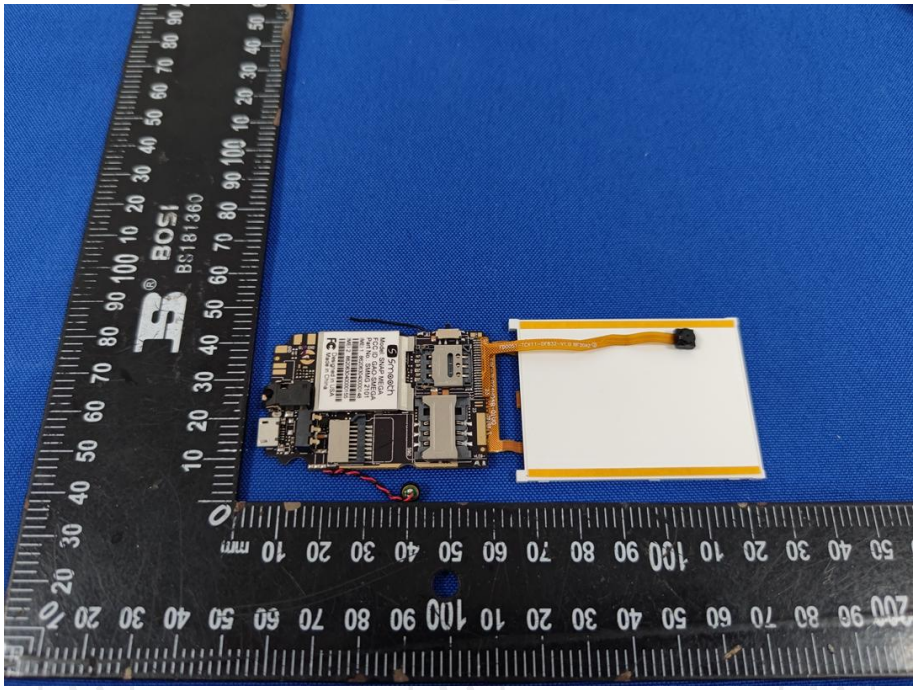

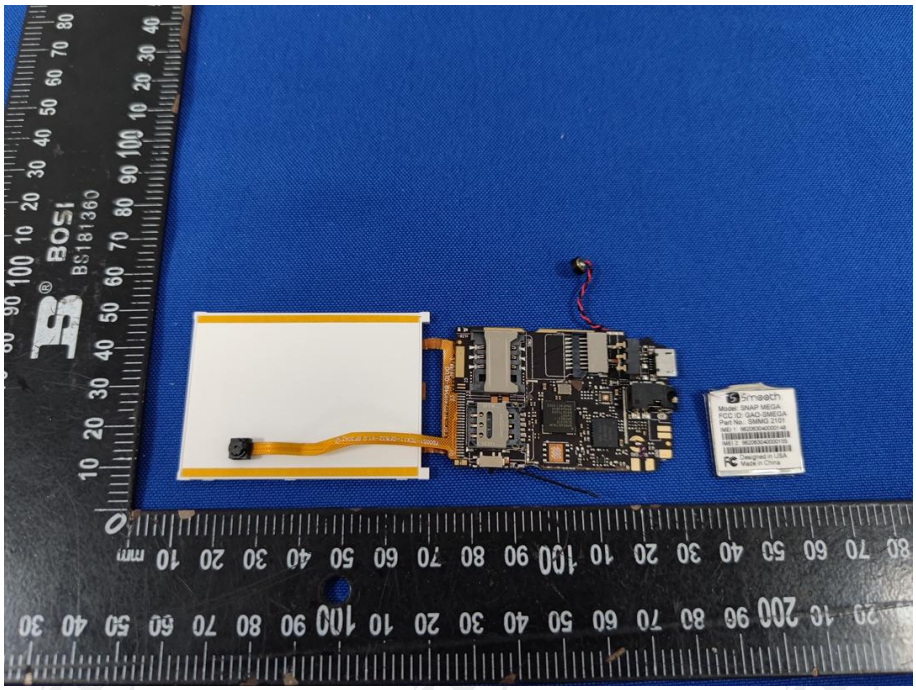

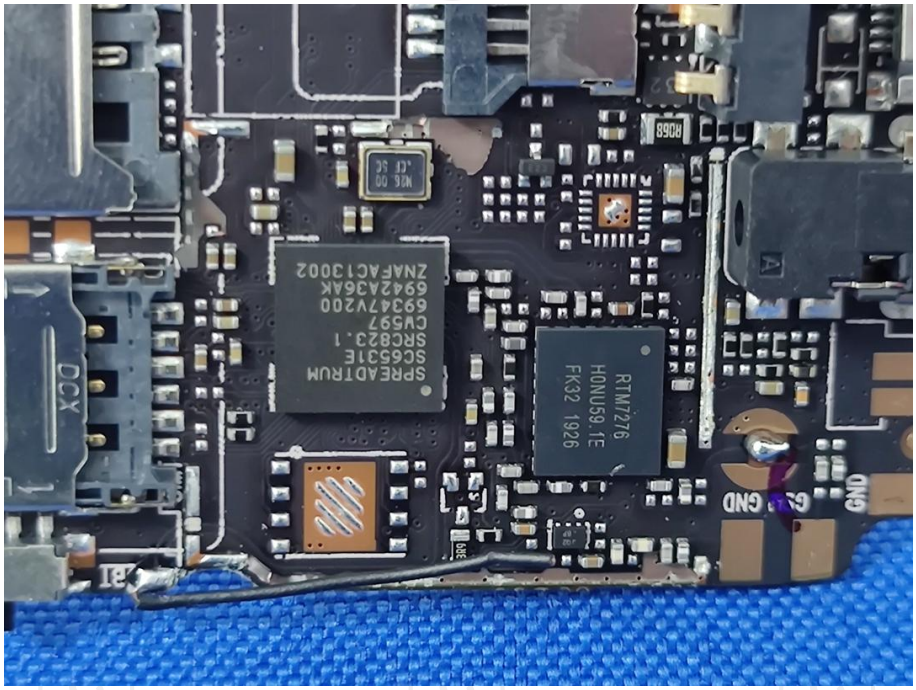
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CV597
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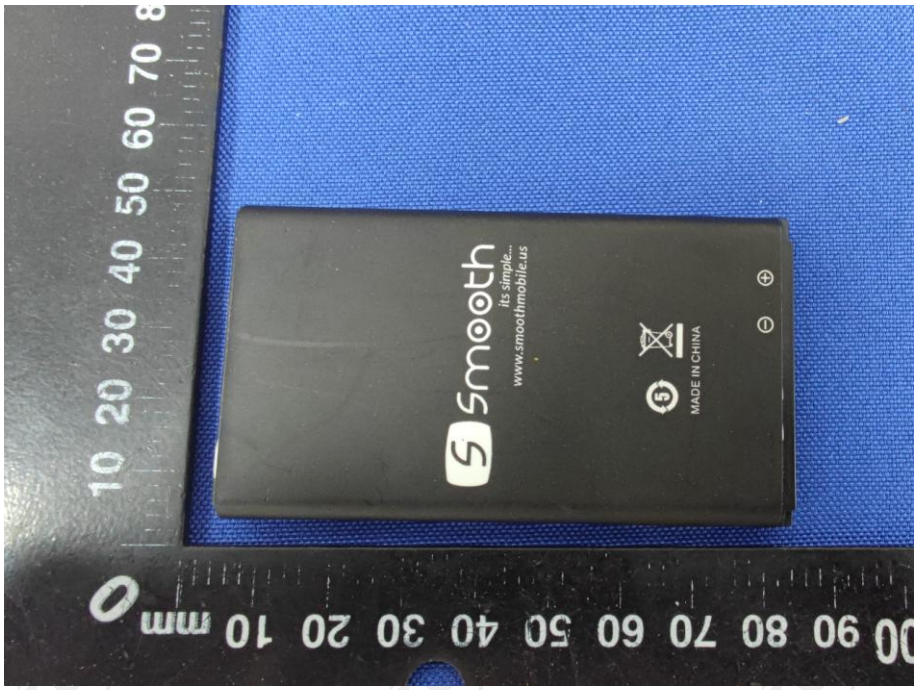
HONU59.1E
FK32 1926
GND
GND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