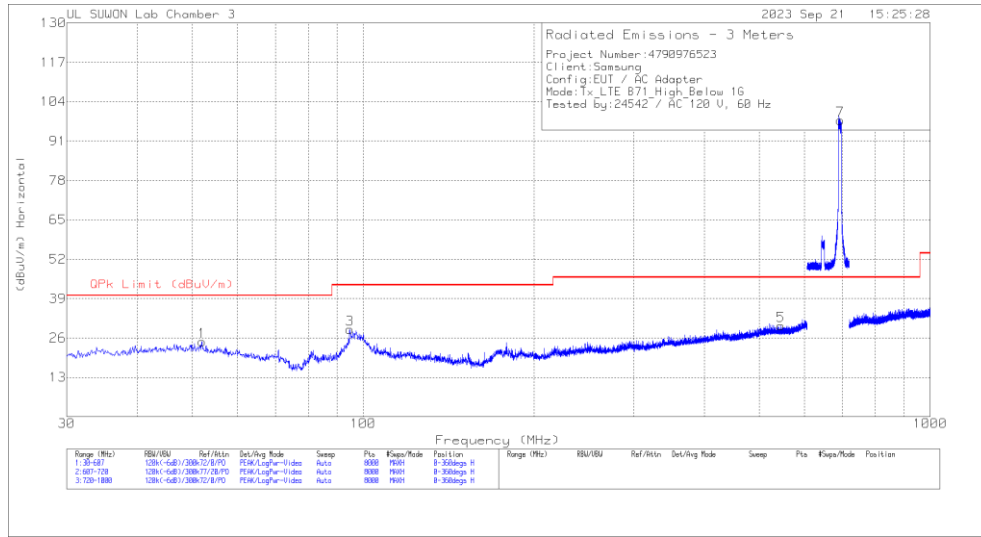
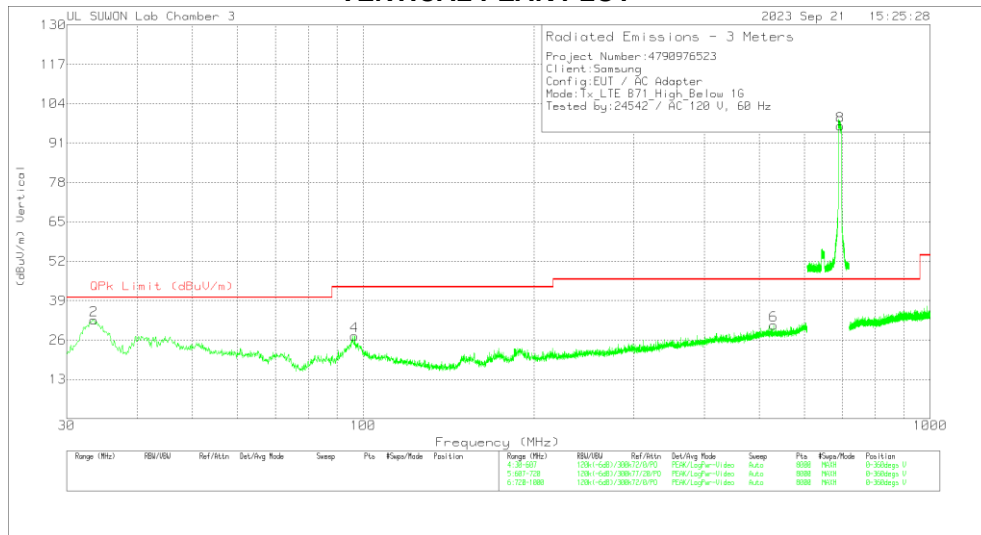


**HIGH CHANNEL(647 MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	52.0009	3.74	Pk	19.7	1.3	24.74	40	-15.26	0-360	300	H
3	94.7042	10.33	Pk	16.9	1.7	28.93	43.52	-14.59	0-360	200	H
5	545.181	3.63	PK	23	3.5	30.13	46.02	-15.89	0-360	100	H
7	693.8952	69.35	Pk	24.7	3.8	97.85	46.02	51.83	0-360	200	H
2	33.4624	15.41	Pk	16.1	1.1	32.61	40	-7.39	0-360	200	V
4	96.5797	8.71	Pk	17	1.7	27.41	43.52	-16.11	0-360	200	V
6	529.7444	4.56	Pk	22.9	3.4	30.86	46.02	-15.16	0-360	400	V
8	693.8952	68.15	Pk	24.7	3.8	96.65	46.02	50.63	0-360	200	V

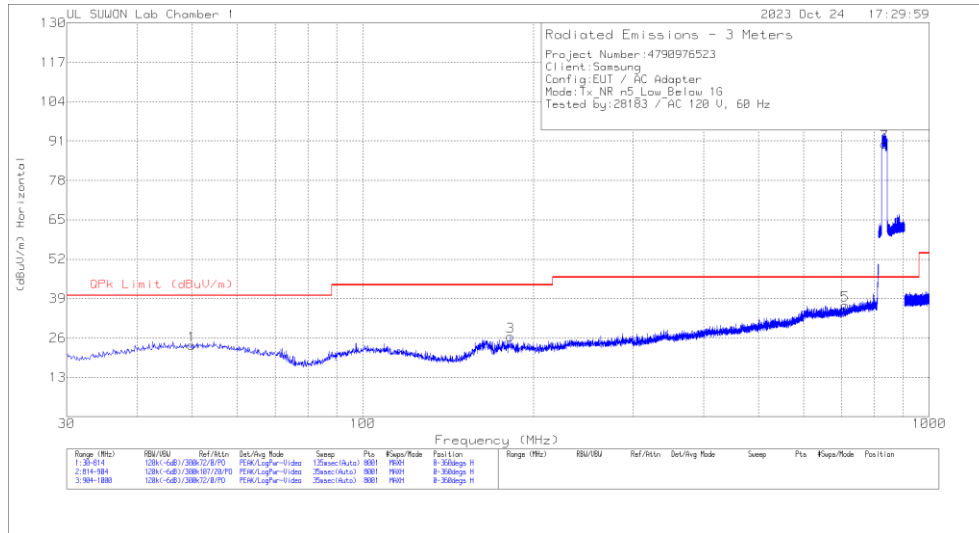
Pk - Peak detector

Note: Unwanted emissions captured from 663MHz to 698MHz and from 617MHz to 652MHz were the TX and RX signals generated from the call-simulator.

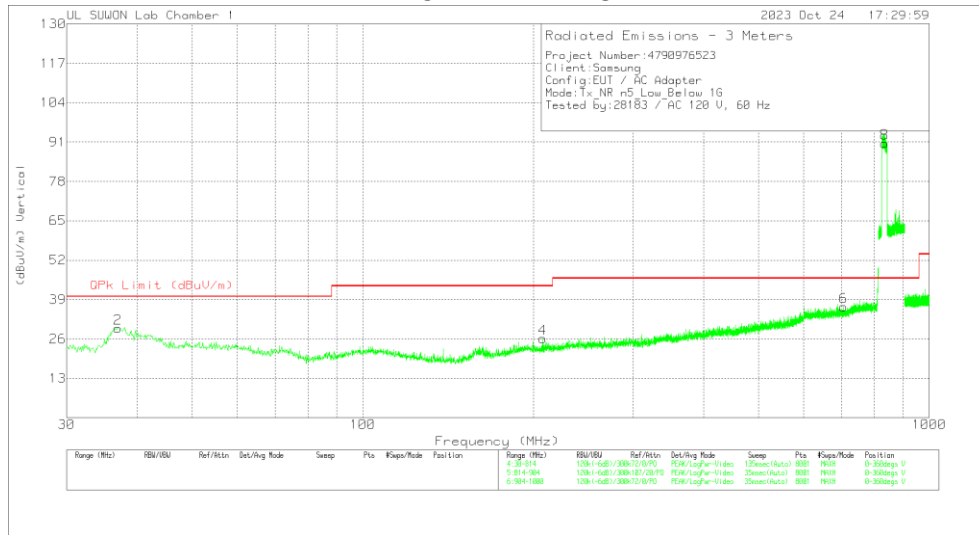
### 7.1.18. Below 1 GHz in the 5G NR Band n5

#### LOW CHANNEL(874.0 MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



#### DATA

##### Trace Markers

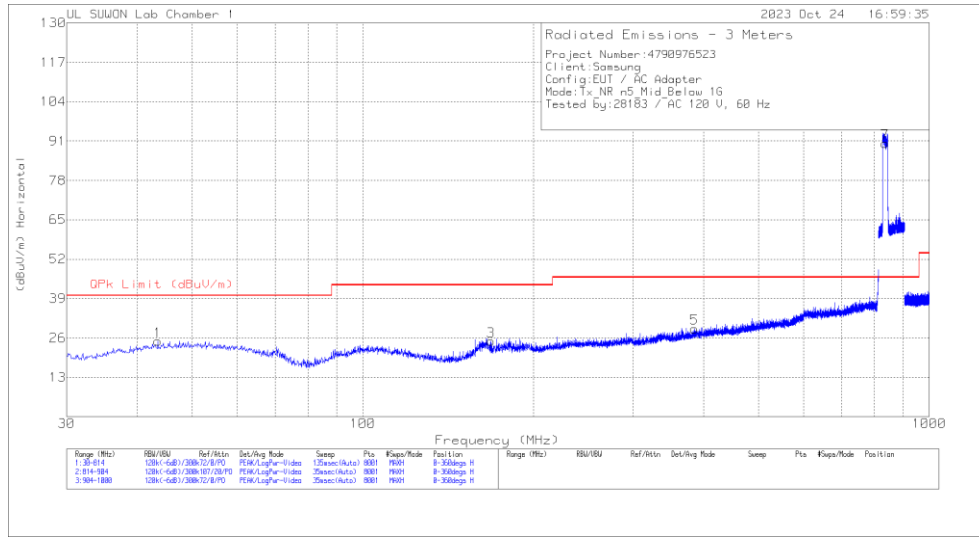
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	49.894	2.52	Pk	19.6	1.5	23.62	40	-16.38	0-360	200	H
3	182.292	8.23	Pk	15.4	2.9	26.53	43.52	-16.99	0-360	100	H
5	711.1	6.61	Pk	24.7	5.6	36.91	46.02	-9.11	0-360	200	H
7	834.0588	57.7	Pk	26.3	6.1	90.1	46.02	44.08	0-360	200	H
2	36.958	10.85	Pk	17.4	1.3	29.55	40	-10.45	0-360	200	V
4	207.674	6.86	Pk	16.3	3	26.16	43.52	-17.36	0-360	400	V
6	706.298	6.33	Pk	24.7	5.6	36.63	46.02	-9.39	0-360	200	V
8	834.0588	58.24	Pk	26.3	6.1	90.64	46.02	44.62	0-360	100	V

Pk - Peak detector

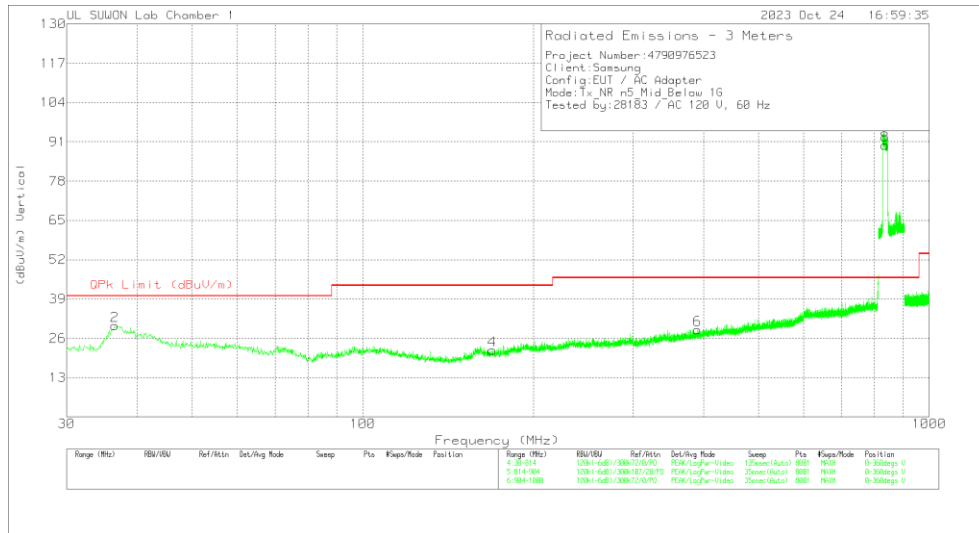
Note: Unwanted emissions captured from 814MHz to 849MHz and from 859MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**MID CHANNEL(881.5 MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

**Trace Markers**

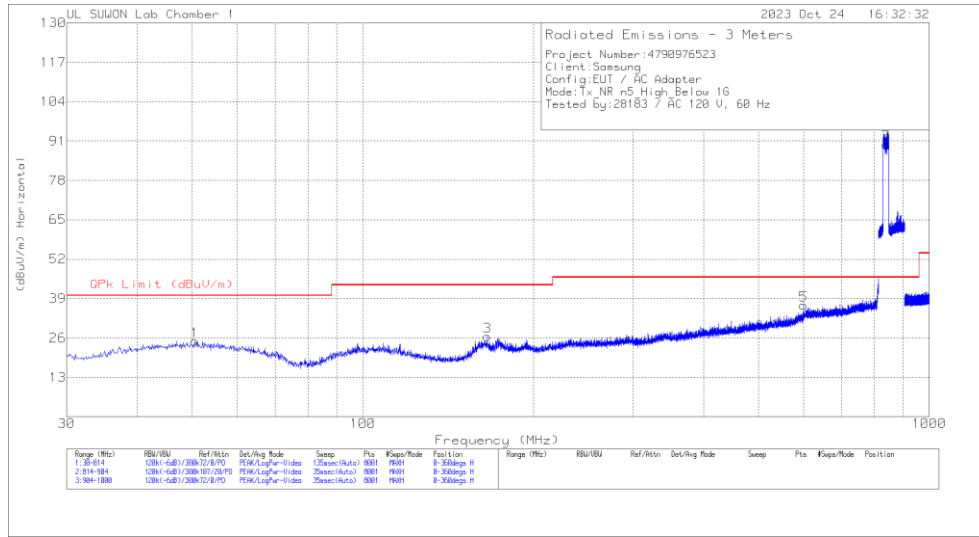
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor[dB(1/m)]	Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	43.426	4.27	Pk	19.3	1.4	24.97	40	-15.03	0-360	200	H
3	168.474	7.74	Pk	14.5	2.7	24.94	43.52	-18.58	0-360	100	H
5	385.25	4.23	Pk	20.7	4.2	29.13	46.02	-16.89	0-360	100	H
7	836.4775	57.9	Pk	26.3	6.1	90.3	46.02	44.28	0-360	200	H
2	36.468	11.79	Pk	17.1	1.3	30.19	40	-9.81	0-360	200	V
4	169.258	4.84	Pk	14.5	2.8	22.14	43.52	-21.38	0-360	200	V
6	389.856	3.85	Pk	20.9	4.2	28.95	46.02	-17.07	0-360	400	V
8	836.4775	57.51	Pk	26.3	6.1	89.91	46.02	43.89	0-360	100	V

Pk - Peak detector

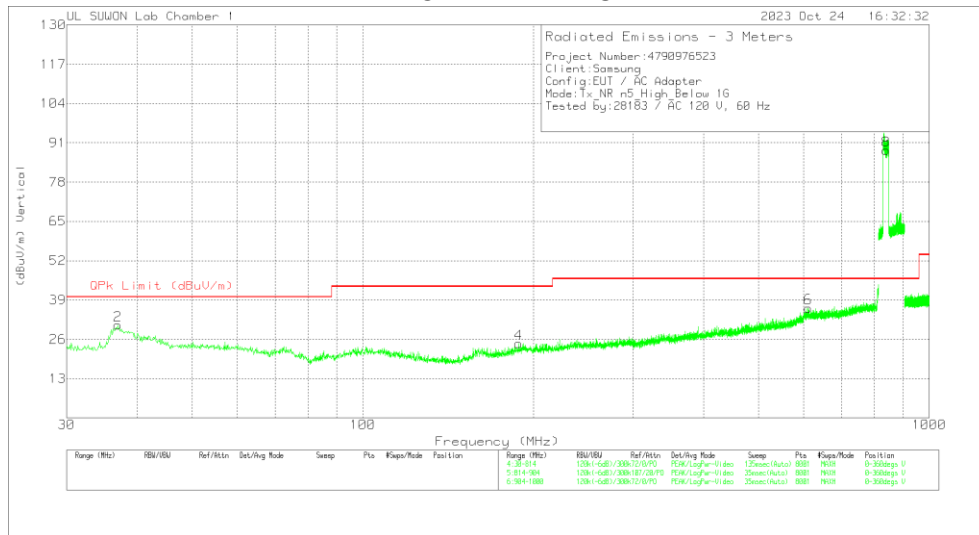
Note: Unwanted emissions captured from 814MHz to 849MHz and from 859MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**HIGH CHANNEL(889.0 MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor[dB(1/m)]	Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	50.482	3.92	Pk	19.6	1.5	25.02	40	-14.98	0-360	300	H
3	165.828	9.37	Pk	14.5	2.7	26.57	43.52	-16.95	0-360	100	H
5	600.36	7.23	Pk	24.4	5.2	36.83	46.02	-9.19	0-360	100	H
7	839.02	57.4	Pk	26.4	6.1	89.9	46.02	43.88	0-360	300	H
2	36.958	12.01	Pk	17.4	1.3	30.71	40	-9.29	0-360	200	V
4	188.466	5.67	Pk	16.1	2.9	24.67	43.52	-18.85	0-360	200	V
6	611.434	6.81	Pk	24.4	5.2	36.41	46.02	-9.61	0-360	400	V
8	839.02	56	Pk	26.4	6.1	88.5	46.02	42.48	0-360	100	V

Pk - Peak detector

Note: Unwanted emissions captured from 814MHz to 849MHz and from 859MHz to 894MHz were the TX and RX signals generated from the call-simulator.

## 7.2. CONDUCTED EMISSIONS

### TEST PROCEDURE

ANSI C63.4-2014

### LIMIT

§15.107 (a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency range (MHz)	Limits (dB $\mu$ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

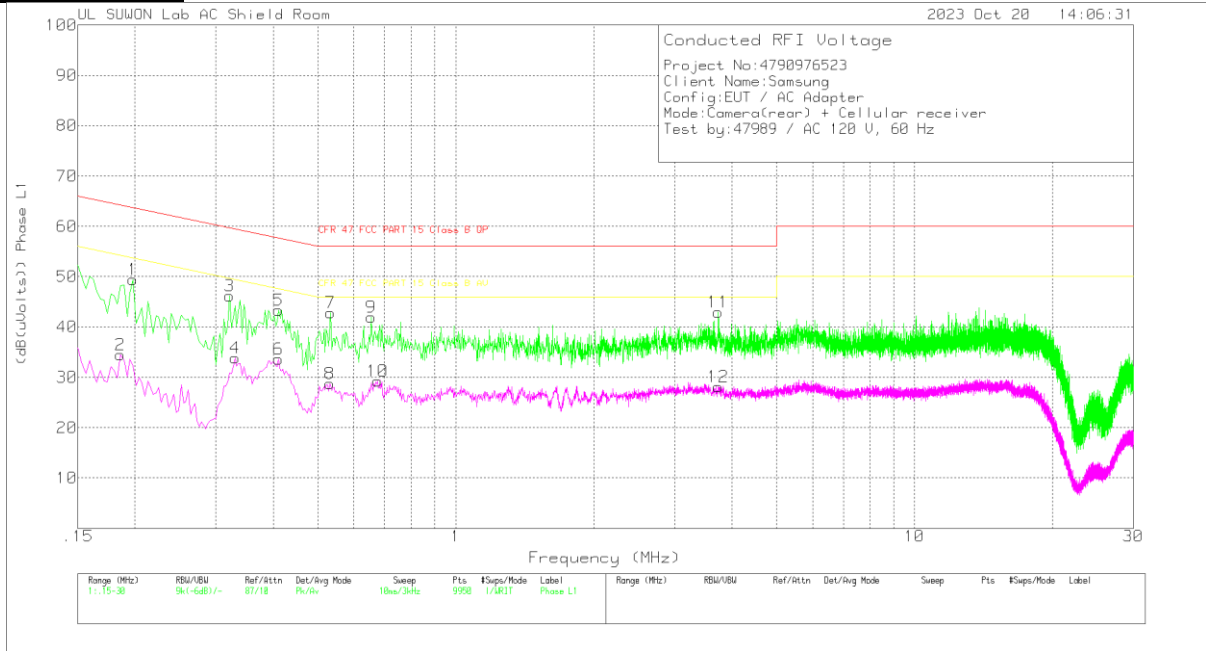
Notes:  
1. The lower limit shall apply at the transition frequencies  
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

### 7.2.1 CONDUCTED EMISSIONS

#### 6 WORST EMISSIONS(GSM850 + Rear camera on)

Line-L1 .15 – 30 MHz

#### LINE 1 RESULTS



#### Trace Markers

Range 1: Phase L1 .15 - 30MHz

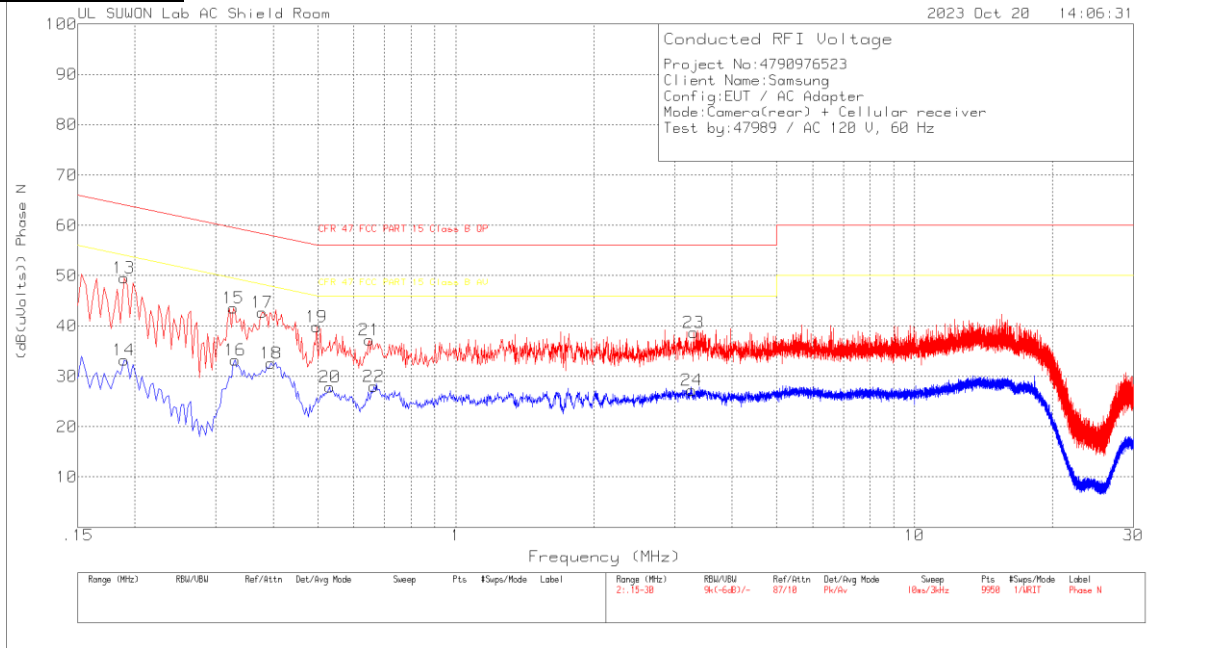
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AU TO_With EX_L1[dB]	CABLELOS S[dB]	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	CFR 47 FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
1	.198	39.71	Pk	9.5	.2	49.41	63.69	-14.28	-	-
2	.186	24.74	Av	9.5	.2	34.44	-	-	54.21	-19.77
3	.321	36.52	Pk	9.5	.2	46.22	59.68	-13.46	-	-
4	.33	24.19	Av	9.5	.2	33.89	-	-	49.45	-15.56
5	.411	33.68	Pk	9.5	.2	43.38	57.63	-14.25	-	-
6	.411	23.89	Av	9.5	.2	33.59	-	-	47.63	-14.04
7	.534	33.04	Pk	9.6	.2	42.84	56	-13.16	-	-
8	.531	19	Av	9.6	.2	28.8	-	-	46	-17.2
9	.654	32.11	Pk	9.6	.2	41.91	56	-14.09	-	-
10	.675	19.5	Av	9.6	.2	29.3	-	-	46	-16.7
11	3.735	33.07	Pk	9.6	.3	42.97	56	-13.03	-	-
12	3.735	18.24	Av	9.6	.3	28.14	-	-	46	-17.86

Pk - Peak detector  
 Av - Average detection

**6 WORST EMISSIONS(GSM850 + Rear camera on)**

**Line-L2 .15 – 30 MHz**

**LINE 2 RESULTS**



**Trace Markers**

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AU TO_With EX_N[dB]	CABLELOS S[dB]	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	CFR 47 FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
13	.189	39.9	Pk	9.5	.2	49.6	64.08	-14.48	-	-
14	.189	23.49	Av	9.5	.2	33.19	-	-	54.08	-20.89
15	.327	33.92	Pk	9.5	.2	43.62	59.53	-15.91	-	-
16	.33	23.57	Av	9.5	.2	33.27	-	-	49.45	-16.18
17	.378	33.04	Pk	9.5	.2	42.74	58.32	-15.58	-	-
18	.396	22.87	Av	9.5	.2	32.57	-	-	47.94	-15.37
19	.498	30.1	Pk	9.5	.2	39.8	56.03	-16.23	-	-
20	.531	18.08	Av	9.6	.2	27.88	-	-	46	-18.12
21	.648	27.44	Pk	9.6	.2	37.24	56	-18.76	-	-
22	.663	18.22	Av	9.6	.2	28.02	-	-	46	-17.98
23	3.297	28.85	Pk	9.6	.3	38.75	56	-17.25	-	-
24	3.273	17.31	Av	9.6	.3	27.21	-	-	46	-18.79

Pk - Peak detector  
 Av - Average detection

**END OF TEST REPORT**