

Appendix B: Test Results of FCC 15B

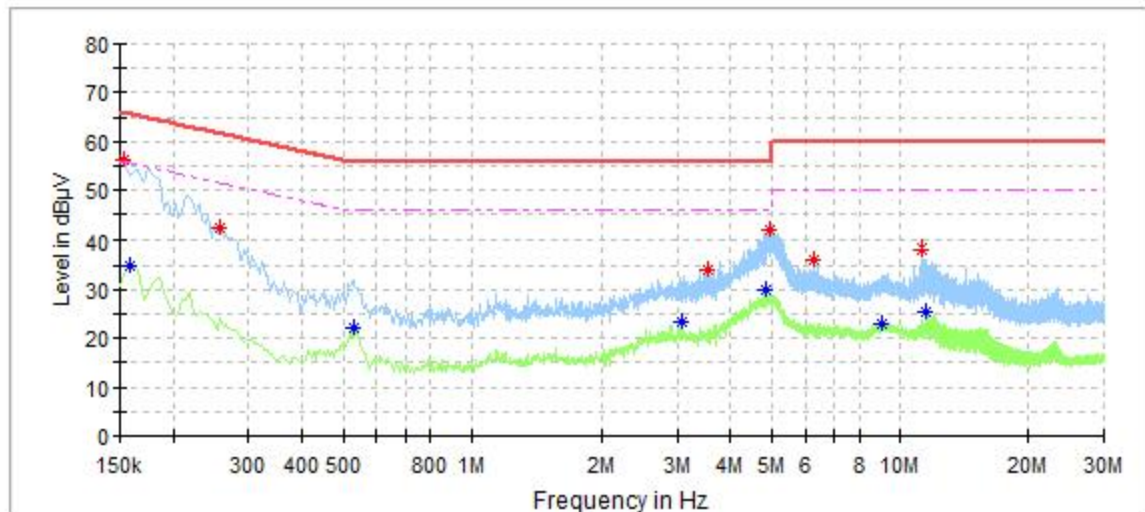
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Appendix B.1: Test Plots of Conducted Emission on AC Mains

SD Data transfer with PC

EUT Information

EUT Name:	Android POS
Order No.:	168279564
Model:	APOLLO
Test Mode:	SD Data transfer with PC
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	SR1

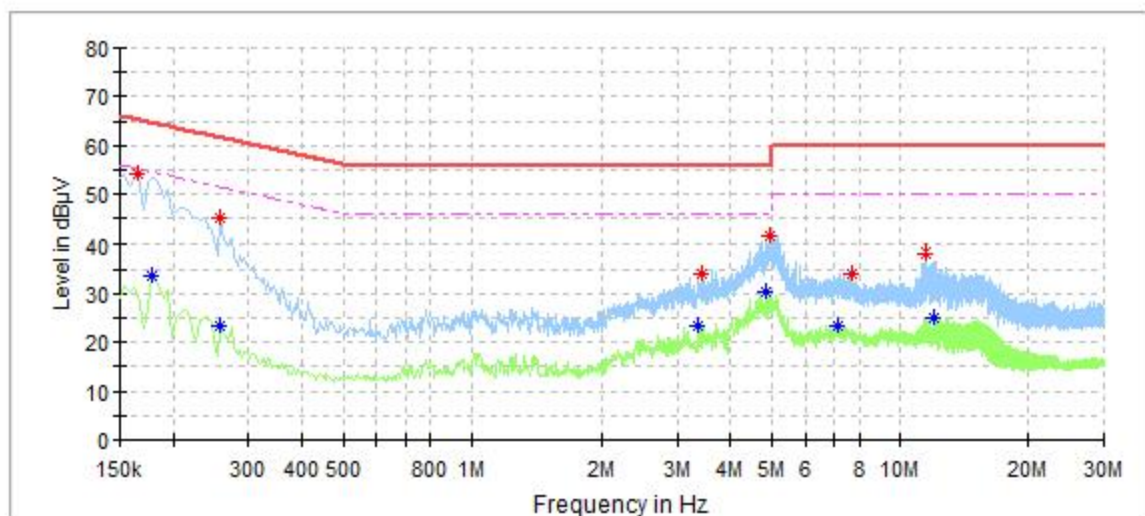


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.154000	56.02	---	65.78	9.76	L1	9.6
0.158000	---	34.70	55.57	20.87	L1	9.6
0.258000	42.08	---	61.50	19.42	L1	9.6
0.528000	---	22.24	46.00	23.76	L1	9.7
3.088000	---	23.45	46.00	22.55	L1	9.8
3.548000	33.98	---	56.00	22.02	L1	9.8
4.844000	---	29.99	46.00	16.01	L1	9.9
4.932000	42.03	---	56.00	13.97	L1	9.9
6.244000	36.03	---	60.00	23.97	L1	10.0
9.100000	---	23.13	50.00	26.87	L1	10.0
11.188000	38.19	---	60.00	21.81	L1	10.2
11.512000	---	25.32	50.00	24.68	L1	10.2

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: SD Data transfer with PC
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



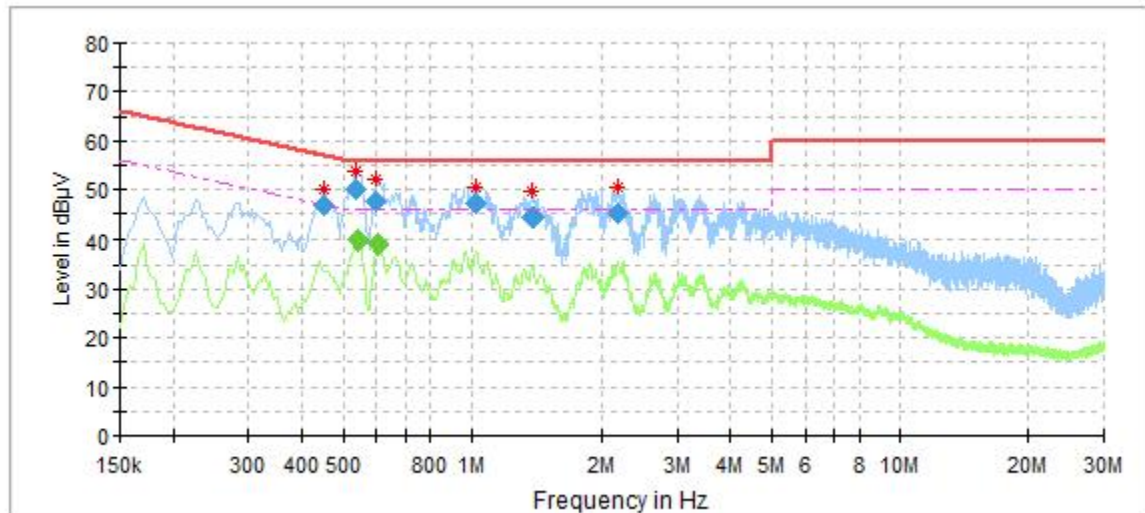
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	54.14	---	65.16	11.02	N	9.6
0.178000	---	33.77	54.58	20.81	N	9.6
0.258000	45.11	---	61.50	16.38	N	9.6
0.258000	---	23.38	51.50	28.12	N	9.6
3.352000	---	23.48	46.00	22.52	N	9.8
3.444000	33.85	---	56.00	22.15	N	9.8
4.836000	---	30.36	46.00	15.64	N	9.9
4.952000	41.32	---	56.00	14.68	N	9.9
7.160000	---	23.59	50.00	26.41	N	10.0
7.680000	33.89	---	60.00	26.11	N	10.0
11.532000	38.11	---	60.00	21.89	N	10.2
11.984000	---	25.06	50.00	24.94	N	10.2

Front camera on (with adapter)

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Front camera on
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

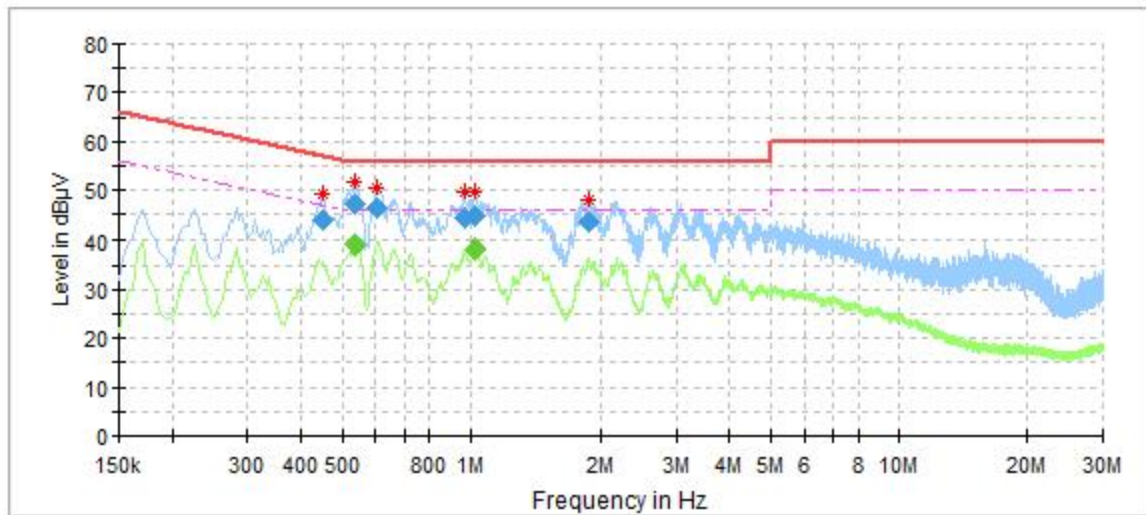
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.452500	49.87	---	56.73	6.86	L1	9.7
0.534500	53.89	---	56.00	2.11	L1	9.7
0.542500	---	40.35	46.00	5.65	L1	9.7
0.598500	51.98	---	56.00	4.02	L1	9.7
0.606500	---	39.46	46.00	6.54	L1	9.7
1.026500	50.58	---	56.00	5.42	L1	9.7
1.382500	49.64	---	56.00	6.36	L1	9.7
2.182500	50.66	---	56.00	5.34	L1	9.7

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.452500	46.93	---	56.83	9.90	200.0	9.000	L1	9.7
0.534500	50.01	---	56.00	5.99	200.0	9.000	L1	9.7
0.542500	---	39.76	46.00	6.24	200.0	9.000	L1	9.7
0.598500	47.47	---	56.00	8.53	200.0	9.000	L1	9.7
0.606500	---	38.98	46.00	7.02	200.0	9.000	L1	9.7
1.026500	47.11	---	56.00	8.89	200.0	9.000	L1	9.7
1.382500	44.16	---	56.00	11.84	200.0	9.000	L1	9.7
2.182500	45.26	---	56.00	10.74	200.0	9.000	L1	9.7

EUT Information

EUT Name: Android POS
Order No.: 168279564
Model: APOLLO
Test Mode: Front camera on
Test Voltage: AC 120V/60Hz
Test By: Tom Guo
Review By: Gary Chen
Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.448500	49.42	---	56.88	7.45	N	9.7
0.534500	51.87	---	56.00	4.13	N	9.7
0.538500	---	39.37	46.00	6.63	N	9.7
0.606500	50.41	---	56.00	5.59	N	9.7
0.970500	49.50	---	56.00	6.50	N	9.7
1.022500	49.49	---	56.00	6.51	N	9.7
1.026500	---	38.74	46.00	7.26	N	9.7
1.873500	48.13	---	56.00	7.87	N	9.7

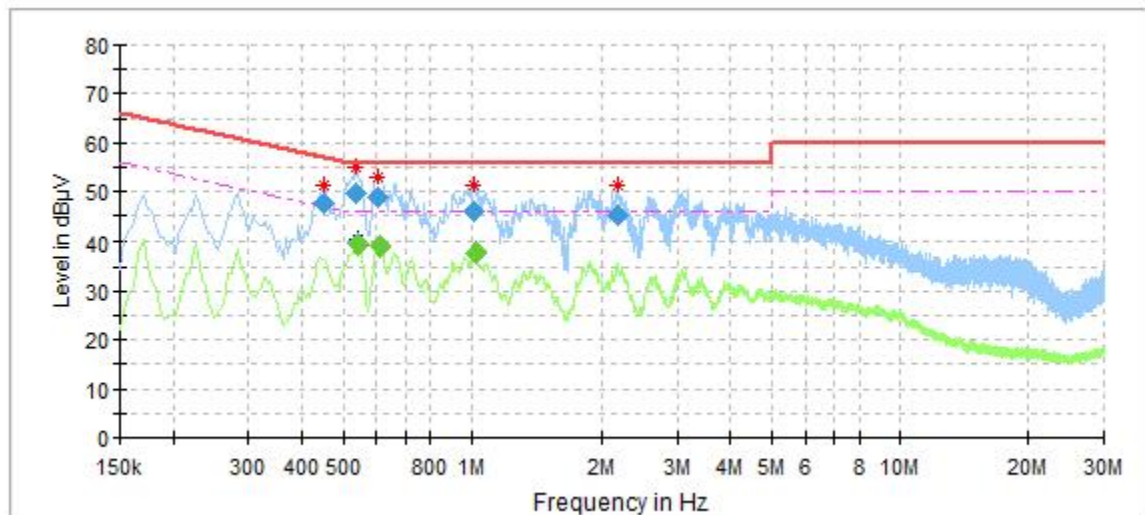
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.448500	44.01	---	56.90	12.90	200.0	9.000	N	9.7
0.534500	47.30	---	56.00	8.70	200.0	9.000	N	9.7
0.538500	---	39.13	46.00	6.87	200.0	9.000	N	9.7
0.606500	46.21	---	56.00	9.79	200.0	9.000	N	9.7
0.970500	44.15	---	56.00	11.85	200.0	9.000	N	9.7
1.022500	44.92	---	56.00	11.08	200.0	9.000	N	9.7
1.026500	---	38.22	46.00	7.78	200.0	9.000	N	9.7
1.873500	43.41	---	56.00	12.59	200.0	9.000	N	9.7

Rear camera on with LED on (with adapter)

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Rear camera on with LED on
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

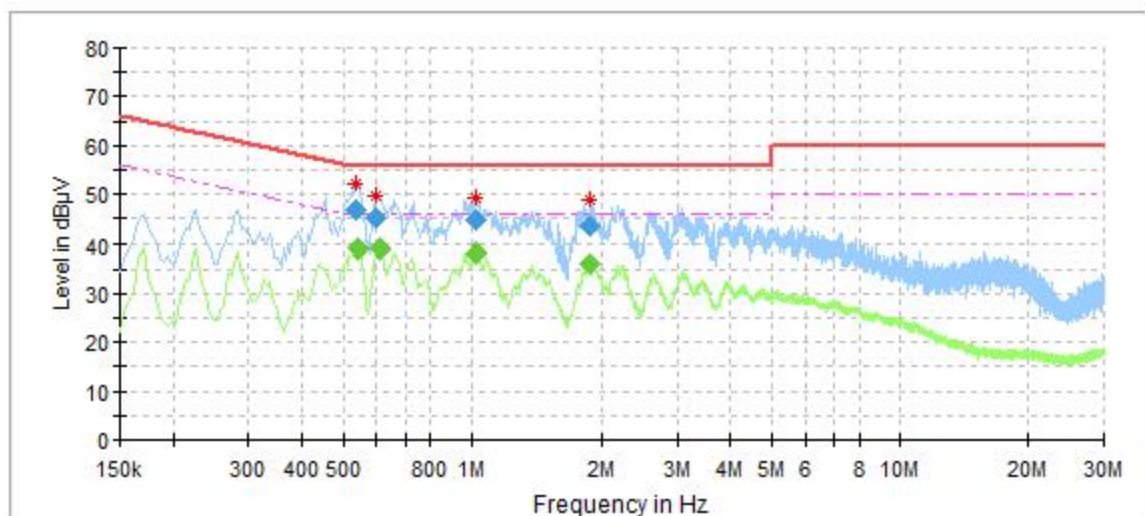
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.452500	51.45	---	56.80	5.35	L1	9.7
0.534500	55.02	---	56.00	0.98	L1	9.7
0.542500	---	40.01	46.00	5.99	L1	9.7
0.606500	52.83	---	56.00	3.17	L1	9.7
0.610500	---	38.89	46.00	7.11	L1	9.7
1.010500	51.11	---	56.00	4.89	L1	9.7
1.022500	---	37.14	46.00	8.86	L1	9.7
2.178500	51.10	---	56.00	4.90	L1	9.7

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.452500	47.52	---	56.83	9.31	200.0	9.000	L1	9.7
0.534500	49.58	---	56.00	6.42	200.0	9.000	L1	9.7
0.542500	---	39.48	46.00	6.52	200.0	9.000	L1	9.7
0.606500	48.80	---	56.00	7.20	200.0	9.000	L1	9.7
0.610500	---	39.14	46.00	6.86	200.0	9.000	L1	9.7
1.010500	45.80	---	56.00	10.20	200.0	9.000	L1	9.7
1.022500	---	37.83	46.00	8.17	200.0	9.000	L1	9.7
2.178500	45.19	---	56.00	10.81	200.0	9.000	L1	9.7

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Rear camera on with LED on
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.534500	52.13	---	56.00	3.87	N	9.7
0.542500	---	39.42	46.00	6.58	N	9.7
0.598500	49.79	---	56.00	6.21	N	9.7
0.610500	---	39.45	46.00	6.55	N	9.7
1.026500	49.37	---	56.00	6.63	N	9.7
1.026500	---	38.11	46.00	7.89	N	9.7
1.866500	---	36.31	46.00	9.69	N	9.7
1.870500	48.99	---	56.00	7.01	N	9.7

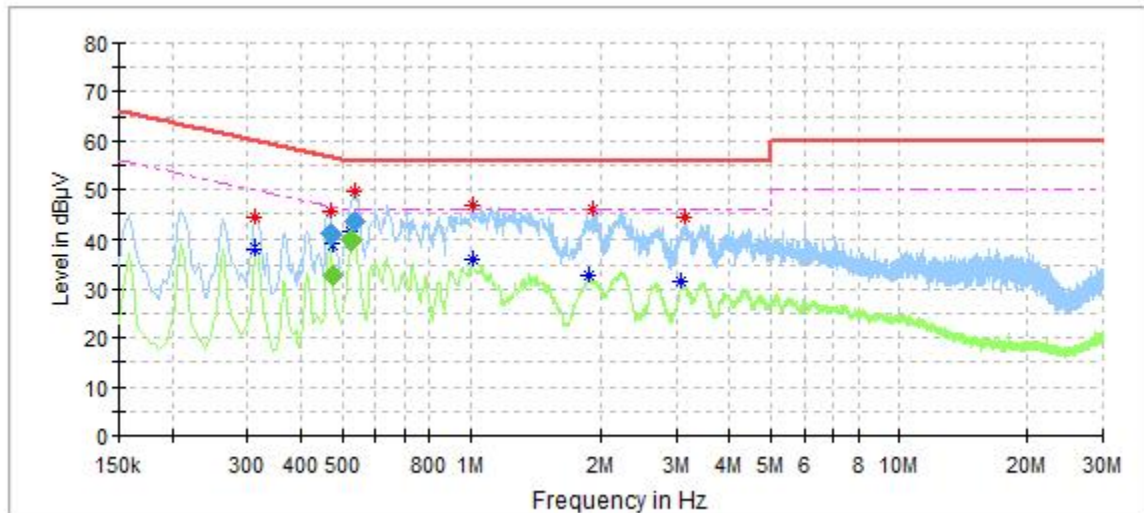
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.534500	46.97	---	56.00	9.03	200.0	9.000	N	9.7
0.542500	---	38.98	46.00	7.02	200.0	9.000	N	9.7
0.598500	45.16	---	56.00	10.84	200.0	9.000	N	9.7
0.610500	---	38.97	46.00	7.03	200.0	9.000	N	9.7
1.026500	44.68	---	56.00	11.32	200.0	9.000	N	9.7
1.026500	---	37.97	46.00	8.03	200.0	9.000	N	9.7
1.866500	---	36.07	46.00	9.93	200.0	9.000	N	9.7
1.870500	43.44	---	56.00	12.56	200.0	9.000	N	9.7

Video play with 1KHz (with adapter)

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Video play with 1KHz
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

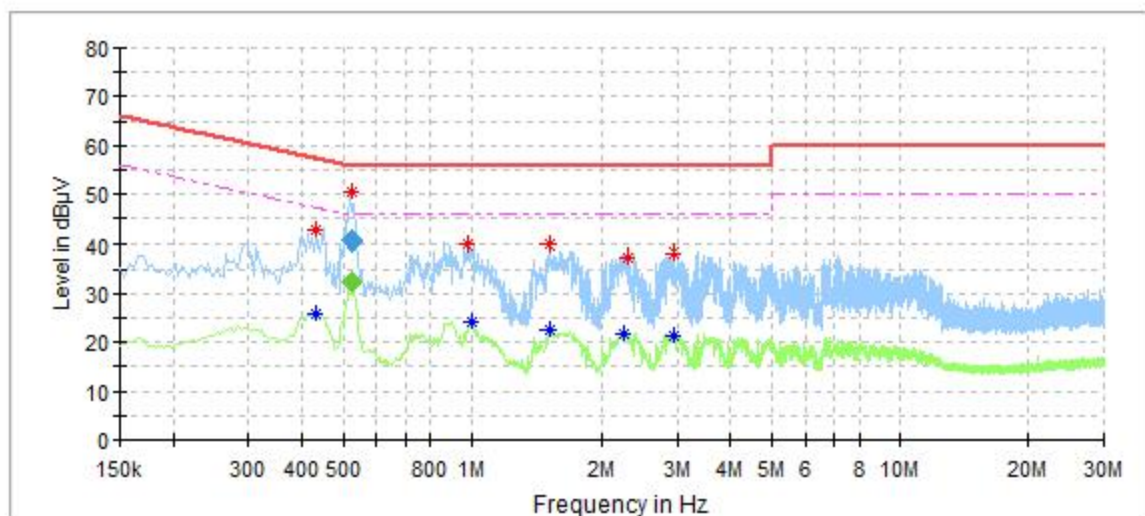
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.314000	---	38.02	49.86	11.84	L1	9.6
0.314000	44.11	---	59.86	15.75	L1	9.6
0.468500	45.34	---	56.66	11.32	L1	9.7
0.476500	---	39.06	46.59	7.52	L1	9.7
0.526500	---	41.59	46.00	4.41	L1	9.7
0.538500	49.75	---	56.00	6.25	L1	9.7
1.008000	---	36.19	46.00	9.81	L1	9.7
1.012000	46.81	---	56.00	9.19	L1	9.7
1.880000	---	32.65	46.00	13.35	L1	9.7
1.908000	45.81	---	56.00	10.19	L1	9.7
3.088000	---	31.39	46.00	14.61	L1	9.8
3.160000	44.34	---	56.00	11.66	L1	9.8

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.468500	40.95	---	56.54	15.59	200.0	9.000	L1	9.7
0.476500	---	32.63	46.40	13.77	200.0	9.000	L1	9.7
0.526500	---	39.83	46.00	6.17	200.0	9.000	L1	9.7
0.538500	43.52	---	56.00	12.48	200.0	9.000	L1	9.7

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Video play with 1KHz
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.430000	---	25.82	47.25	21.44	N	9.7
0.434000	42.77	---	57.18	14.41	N	9.7
0.522500	---	32.97	46.00	13.03	N	9.7
0.526500	50.52	---	56.00	5.48	N	9.7
0.984000	39.87	---	56.00	16.13	N	9.7
1.000000	---	24.06	46.00	21.94	N	9.7
1.504000	---	22.66	46.00	23.34	N	9.7
1.508000	39.76	---	56.00	16.24	N	9.7
2.240000	---	21.63	46.00	24.37	N	9.7
2.288000	37.41	---	56.00	18.59	N	9.7
2.940000	---	21.45	46.00	24.55	N	9.8
2.940000	38.11	---	56.00	17.89	N	9.8

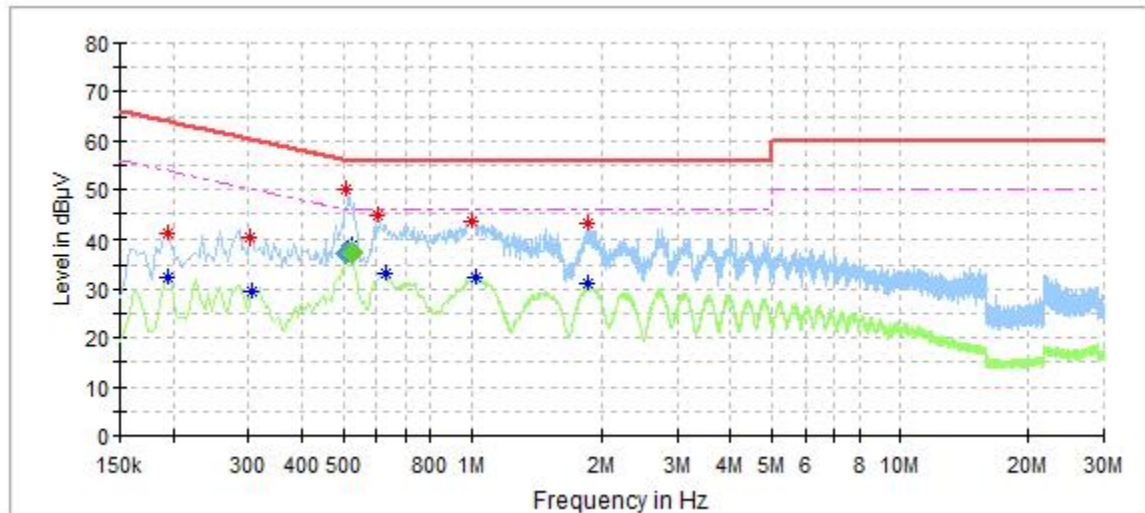
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.522500	---	32.59	46.00	13.41	200.0	9.000	N	9.7
0.526500	40.69	---	56.00	15.31	200.0	9.000	N	9.7

Bluetooth link (with adapter)

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Bluetooth link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

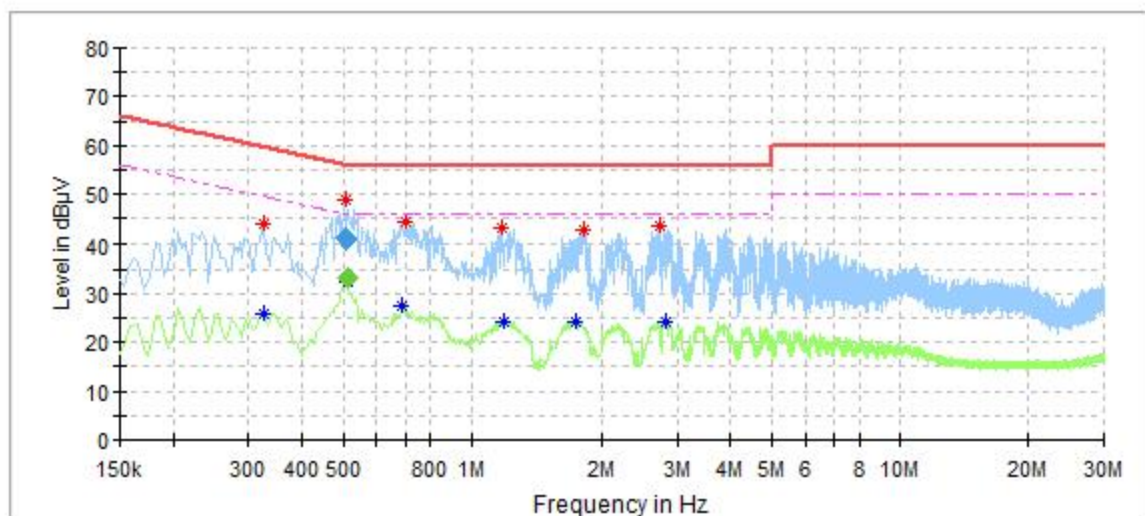
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.194000	---	32.30	53.86	21.56	L1	9.6
0.194000	41.16	---	63.86	22.71	L1	9.6
0.302000	40.35	---	60.19	19.84	L1	9.6
0.306000	---	29.64	50.08	20.43	L1	9.6
0.506500	50.06	---	56.00	5.94	L1	9.7
0.526500	---	38.56	46.00	7.44	L1	9.7
0.606500	44.62	---	56.00	11.38	L1	9.7
0.629500	---	33.11	46.00	12.89	L1	9.7
1.006500	43.38	---	56.00	12.62	L1	9.7
1.022500	---	32.36	46.00	13.64	L1	9.7
1.844000	43.14	---	56.00	12.86	L1	9.7
1.856000	---	31.36	46.00	14.64	L1	9.7

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.506500	37.43	---	56.00	18.57	200.0	9.000	L1	9.7
0.526500	---	37.21	46.00	8.79	200.0	9.000	L1	9.7

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Bluetooth link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.326000	---	26.01	49.55	23.55	N	9.7
0.326000	43.98	---	59.55	15.57	N	9.7
0.508000	48.90	---	56.00	7.10	N	9.7
0.512000	---	32.55	46.00	13.45	N	9.7
0.688000	---	27.42	46.00	18.58	N	9.7
0.700000	44.36	---	56.00	11.64	N	9.7
1.172000	43.06	---	56.00	12.94	N	9.7
1.188000	---	24.15	46.00	21.85	N	9.7
1.736000	---	24.28	46.00	21.72	N	9.7
1.816000	42.74	---	56.00	13.26	N	9.7
2.720000	43.49	---	56.00	12.51	N	9.8
2.836000	---	24.19	46.00	21.81	N	9.8

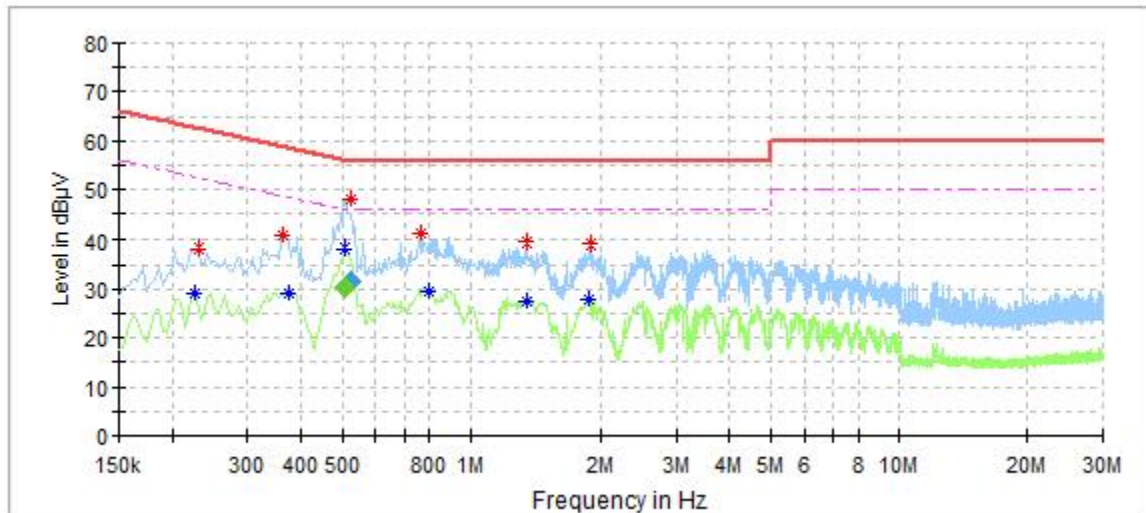
Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.508000	40.84	---	56.00	15.16	200.0	9.000	N	9.7
0.512000	---	33.09	46.00	12.91	200.0	9.000	N	9.7

Wi-Fi link (with adapter)

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: WiFi Link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

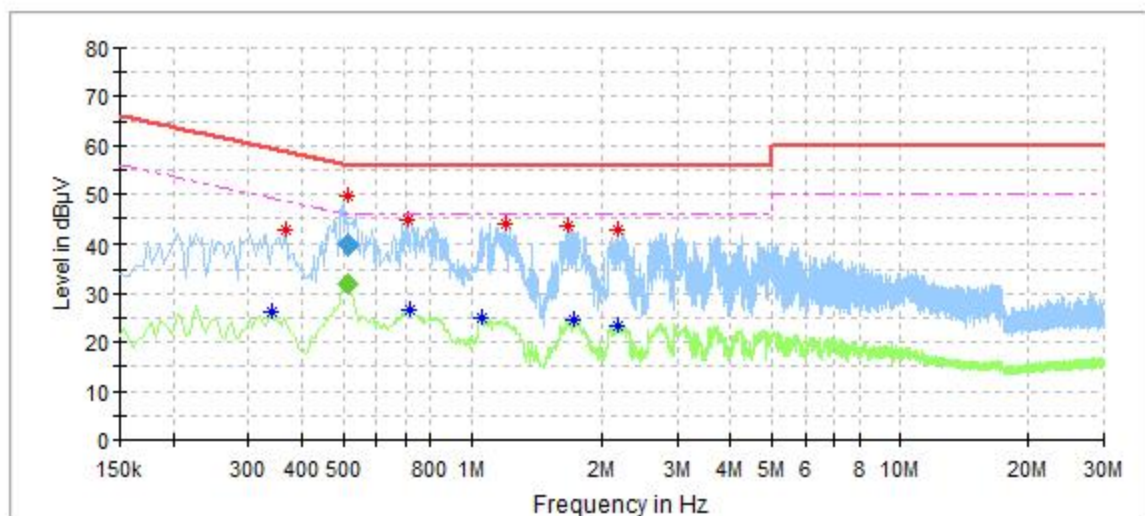
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.226000	---	29.09	52.60	23.50	L1	9.6
0.230000	37.96	---	62.45	24.49	L1	9.6
0.362000	40.71	---	58.68	17.97	L1	9.7
0.374000	---	29.24	48.41	19.17	L1	9.7
0.510500	---	38.07	46.00	7.93	L1	9.7
0.524000	48.07	---	56.00	7.93	L1	9.7
0.768000	41.15	---	56.00	14.85	L1	9.7
0.800000	---	29.72	46.00	16.28	L1	9.7
1.356000	39.34	---	56.00	16.66	L1	9.7
1.360000	---	27.66	46.00	18.34	L1	9.7
1.868000	---	27.78	46.00	18.22	L1	9.7
1.892000	38.81	---	56.00	17.19	L1	9.7

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.510500	---	30.43	46.00	15.57	200.0	9.000	L1	9.7
0.524000	31.71	---	56.00	24.29	200.0	9.000	L1	9.7

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: WiFi Link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.342000	---	26.19	49.16	22.97	N	9.7
0.366000	42.54	---	58.59	16.05	N	9.7
0.512000	---	32.29	46.00	13.71	N	9.7
0.512000	49.75	---	56.00	6.25	N	9.7
0.708000	44.65	---	56.00	11.35	N	9.7
0.716000	---	26.60	46.00	19.40	N	9.7
1.056000	---	24.94	46.00	21.06	N	9.7
1.204000	43.80	---	56.00	12.20	N	9.7
1.660000	43.32	---	56.00	12.68	N	9.7
1.712000	---	24.46	46.00	21.54	N	9.7
2.168000	42.51	---	56.00	13.49	N	9.7
2.176000	---	23.26	46.00	22.74	N	9.7

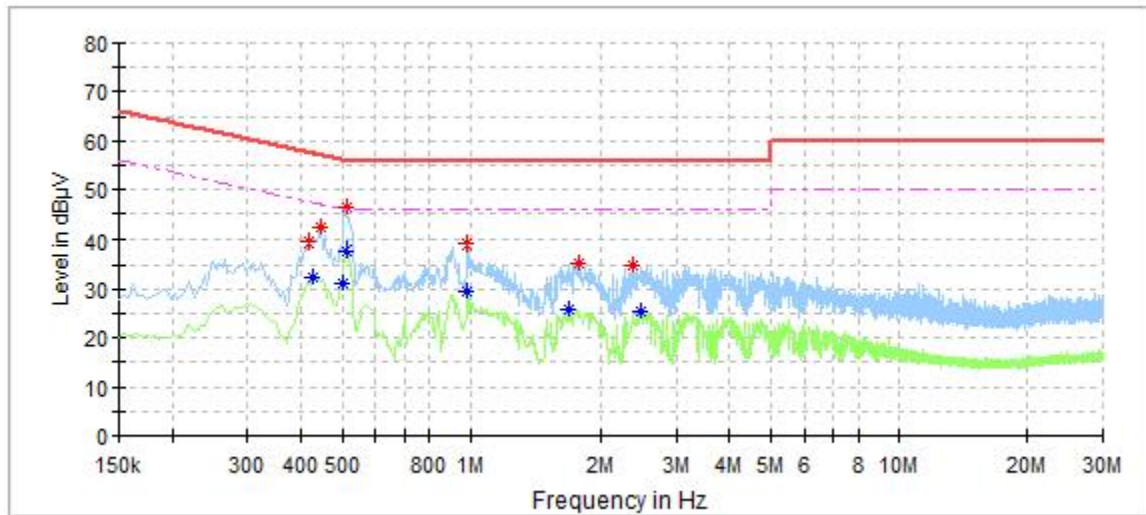
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.512000	---	32.10	46.00	13.90	200.0	9.000	N	9.7
0.512000	39.82	---	56.00	16.18	200.0	9.000	N	9.7

2G/3G/4G link (with adapter)

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: 2G/3G/4G link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1

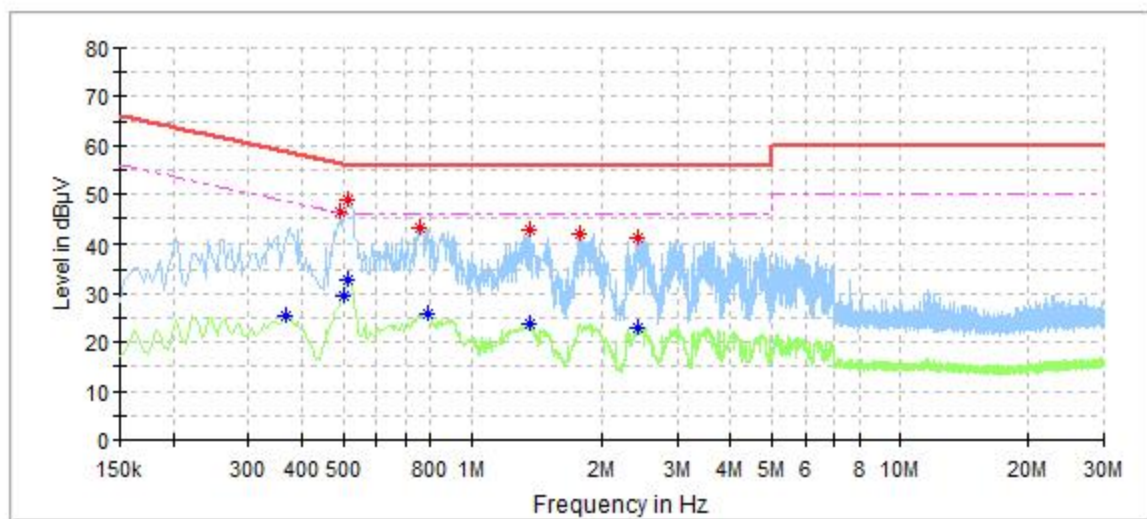


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.418000	39.57	---	57.49	17.92	L1	9.7
0.426000	---	32.23	47.33	15.10	L1	9.7
0.446000	42.15	---	56.95	14.80	L1	9.7
0.500000	---	31.31	46.00	14.69	L1	9.7
0.512000	46.27	---	56.00	9.73	L1	9.7
0.516000	---	37.59	46.00	8.41	L1	9.7
0.984000	---	29.52	46.00	16.48	L1	9.7
0.984000	38.80	---	56.00	17.20	L1	9.7
1.684000	---	25.95	46.00	20.05	L1	9.7
1.776000	35.18	---	56.00	20.82	L1	9.7
2.380000	34.98	---	56.00	21.02	L1	9.7
2.480000	---	25.38	46.00	20.62	L1	9.8

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: 2G/3G/4G link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1



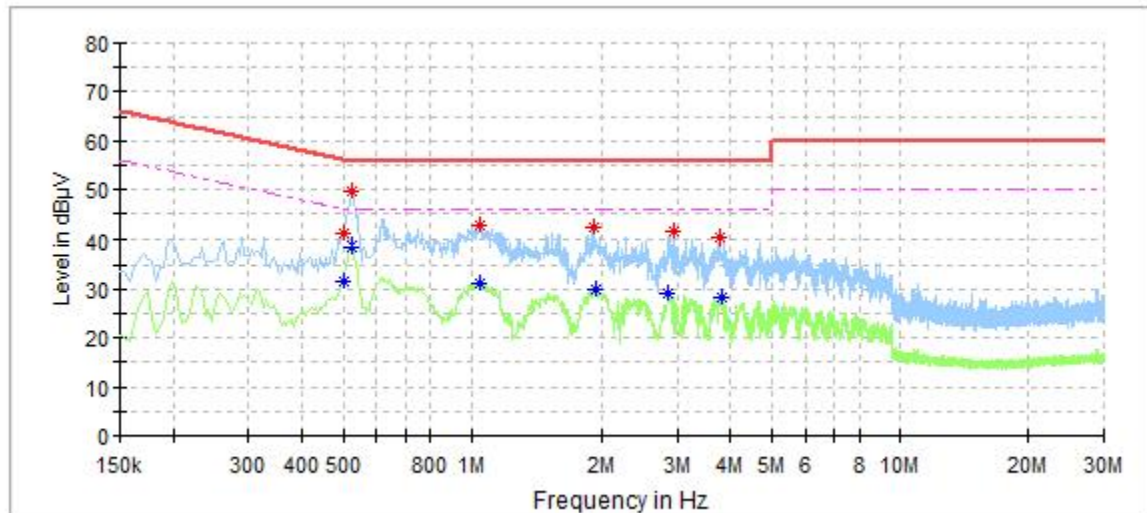
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.366000	---	25.53	48.59	23.07	N	9.7
0.494000	46.51	---	56.10	9.59	N	9.7
0.500000	---	29.74	46.00	16.26	N	9.7
0.516000	48.87	---	56.00	7.13	N	9.7
0.516000	---	32.86	46.00	13.14	N	9.7
0.760000	43.14	---	56.00	12.86	N	9.7
0.788000	---	25.99	46.00	20.01	N	9.7
1.368000	---	23.86	46.00	22.14	N	9.7
1.376000	42.69	---	56.00	13.31	N	9.7
1.780000	41.85	---	56.00	14.15	N	9.7
2.416000	41.07	---	56.00	14.93	N	9.8
2.436000	---	23.16	46.00	22.84	N	9.8

Print (with adapter)

EUT Information

EUT Name: Android POS
 Order No.: 168279564
 Model: APOLLO
 Test Mode: Print
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: SR1

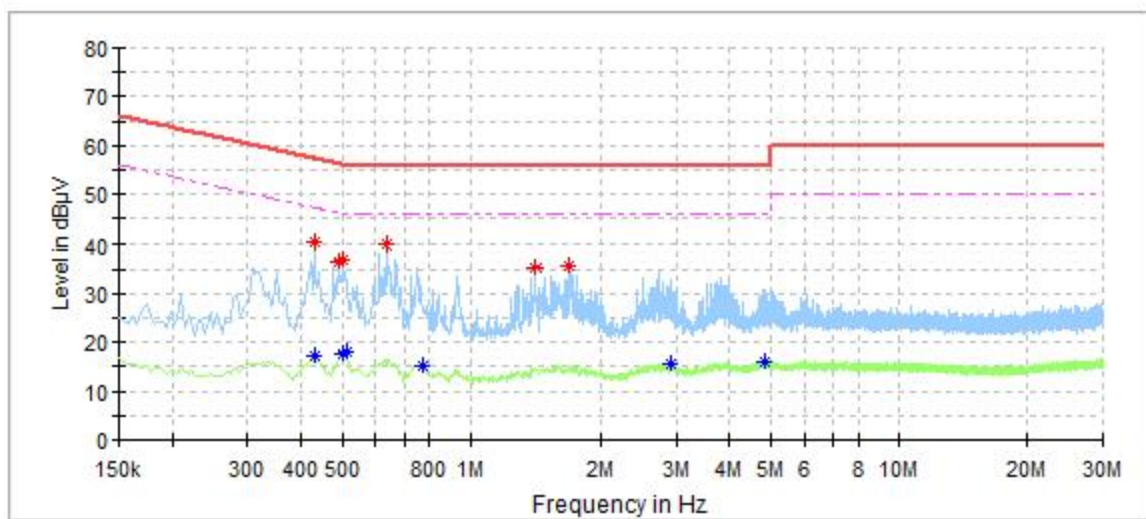


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.500000	40.95	---	56.00	15.05	L1	9.7
0.500000	---	31.77	46.00	14.23	L1	9.7
0.524000	49.65	---	56.00	6.35	L1	9.7
0.524000	---	38.49	46.00	7.51	L1	9.7
1.044000	---	31.31	46.00	14.69	L1	9.7
1.048000	42.68	---	56.00	13.32	L1	9.7
1.920000	42.38	---	56.00	13.62	L1	9.7
1.940000	---	29.85	46.00	16.15	L1	9.7
2.864000	---	29.04	46.00	16.96	L1	9.8
2.948000	41.33	---	56.00	14.67	L1	9.8
3.788000	40.28	---	56.00	15.72	L1	9.8
3.816000	---	28.31	46.00	17.69	L1	9.8

EUT Information

EUT Name: Android POS
Order No.: 168279564
Model: APOLLO
Test Mode: Print
Test Voltage: AC 120V/60Hz
Test By: Tom Guo
Review By: Gary Chen
Remark: SR1



Critical Freqs

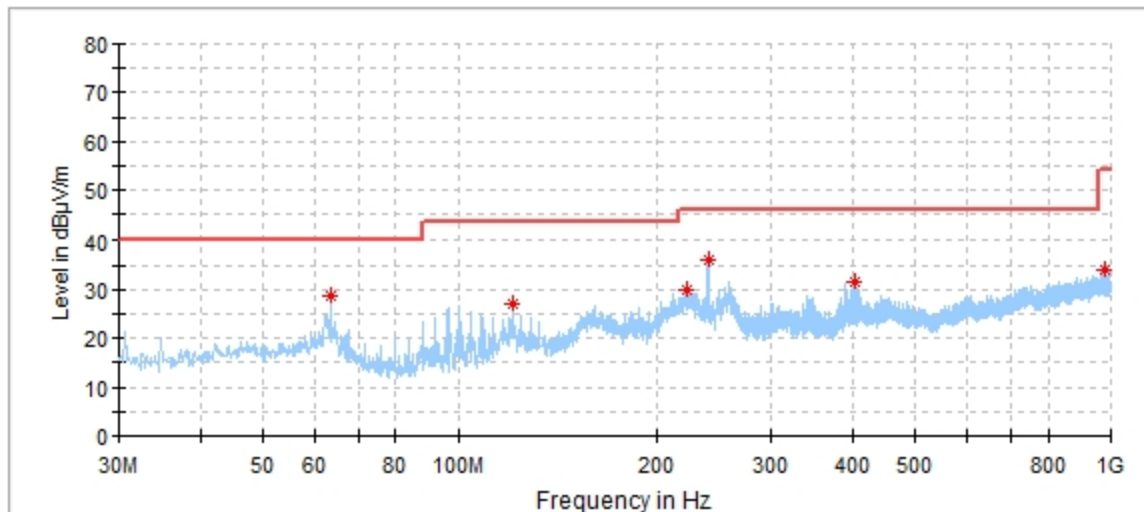
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.430000	40.22	---	57.25	17.03	N	9.7
0.430000	---	17.14	47.25	30.12	N	9.7
0.490000	36.69	---	56.17	19.48	N	9.7
0.500000	---	17.52	46.00	28.48	N	9.7
0.504000	36.79	---	56.00	19.21	N	9.7
0.512000	---	18.06	46.00	27.94	N	9.7
0.636000	39.81	---	56.00	16.19	N	9.7
0.772000	---	15.33	46.00	30.67	N	9.7
1.412000	35.31	---	56.00	20.69	N	9.7
1.688000	35.83	---	56.00	20.17	N	9.7
2.916000	---	15.64	46.00	30.36	N	9.8
4.868000	---	16.17	46.00	29.83	N	9.9

Appendix B.2: Test Plots of Radiated Emission, Below 1GHz

SD Data transfer with PC

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	SD Data transfer with PC
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

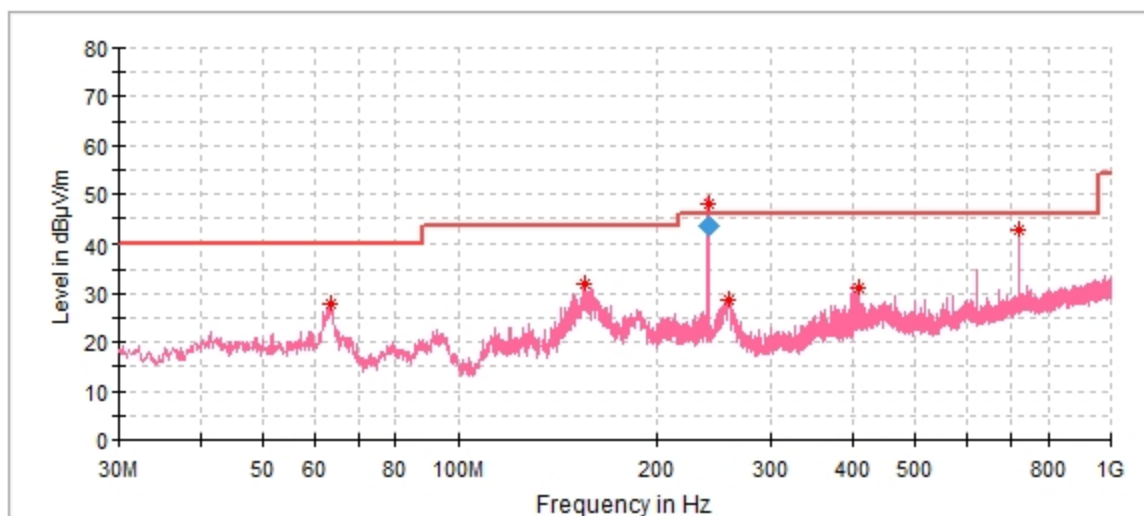


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
63.465000	28.87	40.00	11.13	200.0	H	192.0	20
120.792000	27.22	43.50	16.28	200.0	H	0.0	19
221.963000	30.13	46.00	15.87	100.0	H	350.0	19
240.005000	36.25	46.00	9.75	100.0	H	7.0	19
403.159000	31.73	46.00	14.27	100.0	H	260.0	23
979.048000	34.16	54.00	19.84	100.0	H	0.0	32

EUT Information

EUT Name: Android POS
Model: APOLLO
Order No: 168279564
Test Mode: SD Data transfer with PC
Test Voltage: AC 120V/60Hz
Test By: Tom Guo
Review By: Gary Chen
Remark: 3m Chamber



Critical Freqs

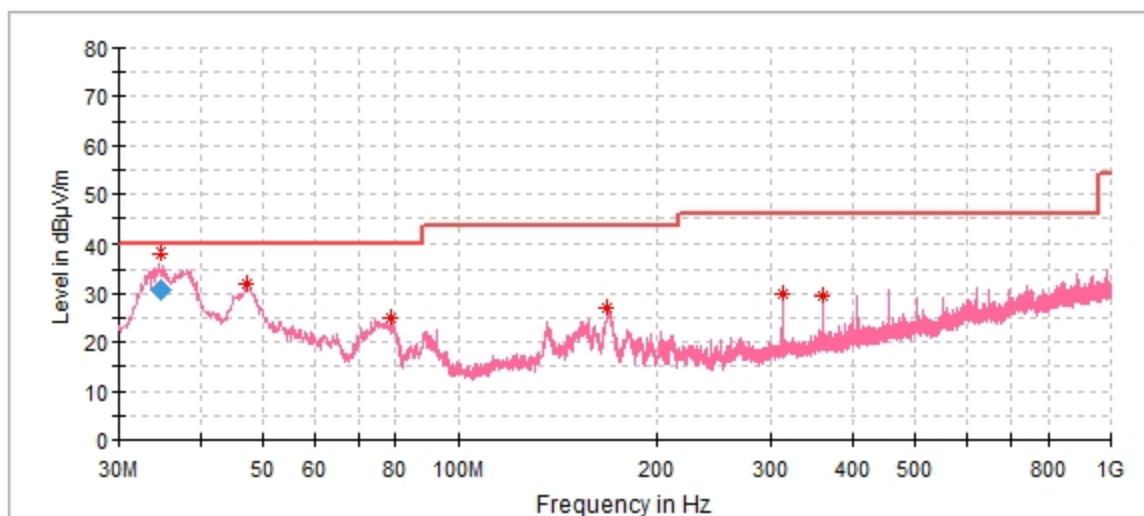
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
63.659000	27.91	40.00	12.09	100.0	V	24.0	20
155.421000	32.07	43.50	11.43	100.0	V	176.0	21
240.025000	47.94	46.00	-1.94	264.0	V	71.0	19
258.920000	28.87	46.00	17.13	100.0	V	288.0	20
409.561000	31.16	46.00	14.84	200.0	V	15.0	24
720.058000	42.64	46.00	3.36	100.0	V	184.0	29

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
240.025000	43.67	46.00	2.33	1000.0	120.000	264.0	V	71.0	19

EUT Information

EUT Name: Android POS
Model: APOLLO
Order No: 168279564
Test Mode: Front camera on
Test Voltage: AC 120V/60Hz
Test By: Tom Guo
Review By: Gary Chen
Remark: 3m Chamber



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.716000	38.17	40.00	1.83	136.0	V	312.0	18
47.266000	31.82	40.00	8.18	100.0	V	273.0	21
78.791000	24.97	40.00	15.03	100.0	V	310.0	16
167.934000	27.16	43.50	16.34	100.0	V	254.0	22
311.979000	29.95	46.00	16.05	200.0	V	261.0	22
359.994000	29.67	46.00	16.33	200.0	V	28.0	23

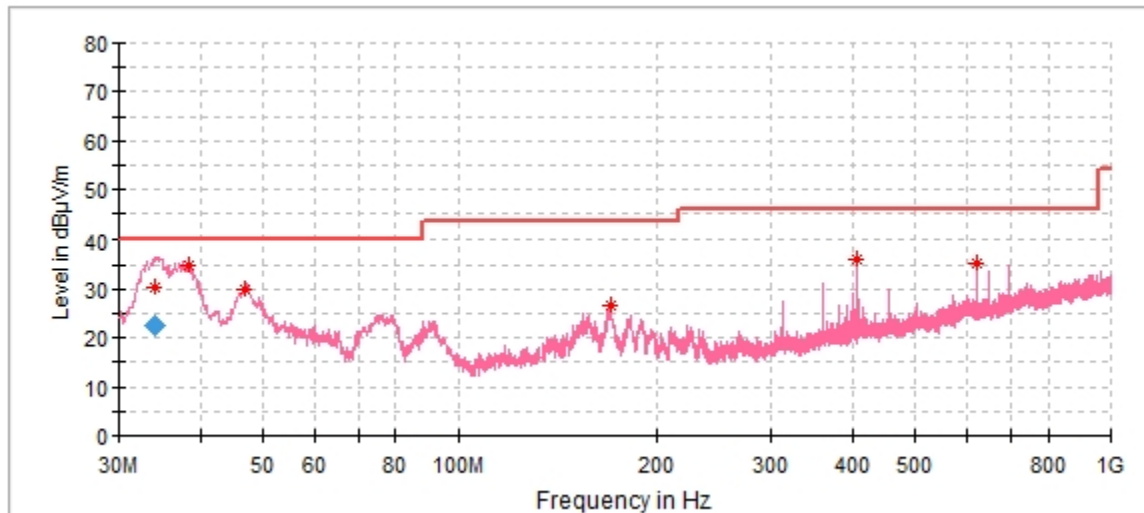
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.716000	30.72	40.00	9.28	1000.0	120.000	136.0	V	312.0	18

Rear camera on with LED on (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Rear camera on with LED on
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber



Critical_Freqs

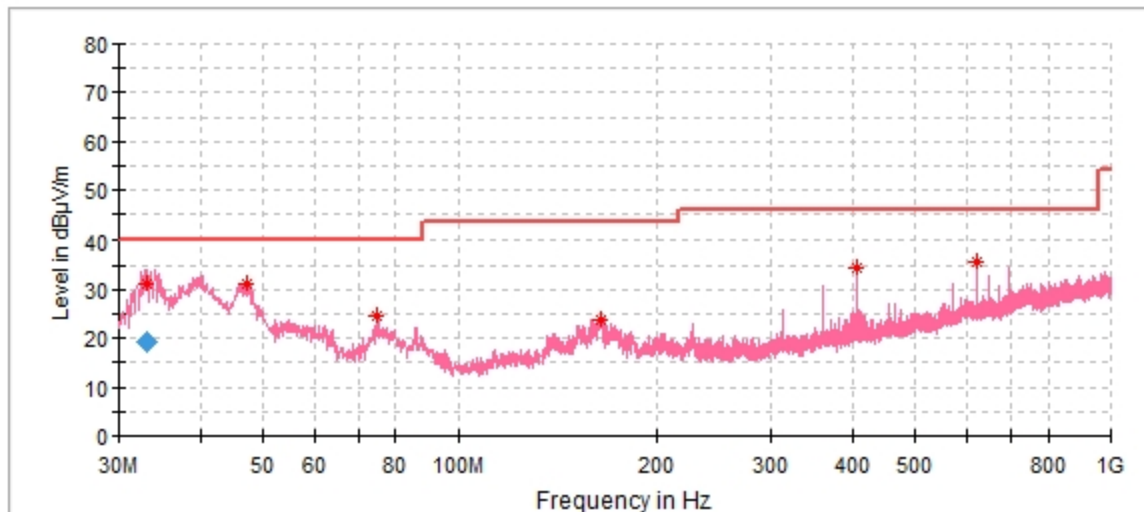
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.094000	30.56	40.00	9.44	137.0	V	331.0	18
38.536000	35.02	40.00	4.98	100.0	V	108.0	19
46.878000	30.09	40.00	9.91	100.0	V	20.0	21
170.262000	26.51	43.50	16.99	100.0	V	226.0	22
408.009000	36.29	46.00	9.71	200.0	V	177.0	24
621.991000	35.13	46.00	10.87	100.0	V	156.0	27

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.094000	22.46	40.00	17.54	1000.0	120.000	137.0	V	331.0	18

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Rear camera on with LED on
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33.027000	31.22	40.00	8.78	100.0	V	165.0	18
47.363000	31.18	40.00	8.82	100.0	V	294.0	21
75.008000	24.81	40.00	15.19	100.0	V	215.0	17
164.636000	23.79	43.50	19.71	100.0	V	230.0	21
408.009000	34.27	46.00	11.73	200.0	V	180.0	24
621.991000	35.80	46.00	10.20	100.0	V	144.0	27

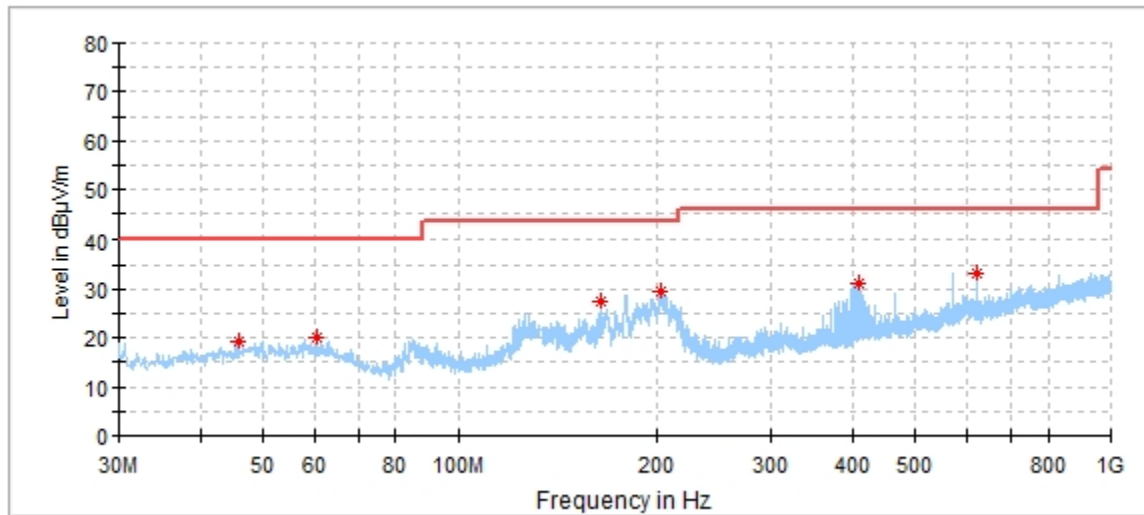
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33.027000	19.36	40.00	20.64	1000.0	120.000	100.0	V	165.0	18

Video play with 1KHz (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Video play with 1KHz
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

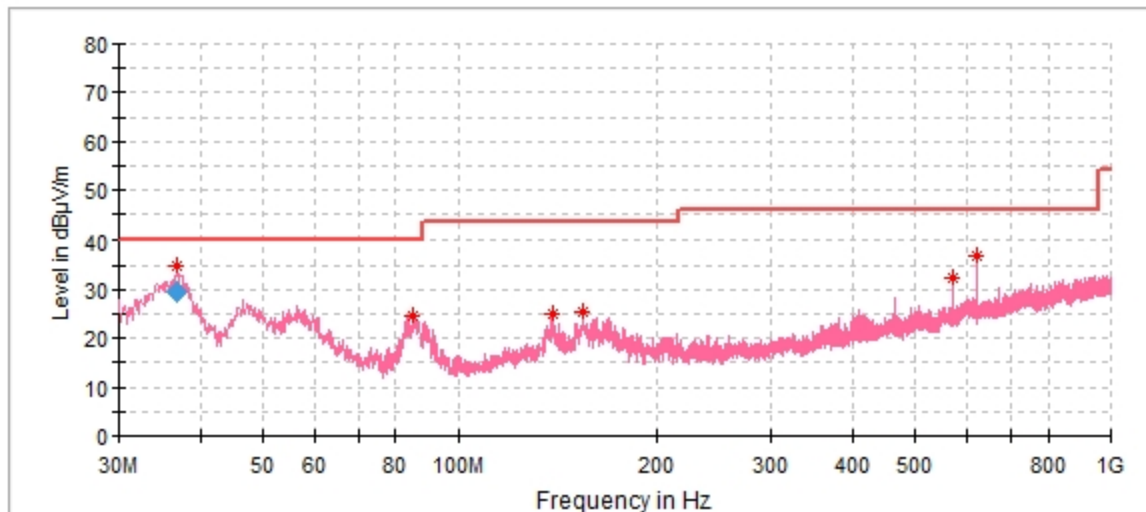


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
203.727000	29.56	43.50	13.94	100.0	H	228.0	17
621.991000	33.42	46.00	12.58	100.0	H	257.0	27
164.636000	27.35	43.50	16.15	100.0	H	274.0	21
409.561000	31.33	46.00	14.67	100.0	H	278.0	24
60.652000	20.07	40.00	19.93	200.0	H	173.0	21
45.811000	19.33	40.00	20.67	200.0	H	272.0	21

EUT Information

EUT Name: Android POS
Model: APOLLO
Order No: 168279564
Test Mode: Video play with 1KHz
Test Voltage: AC 120V/60Hz
Test By: Tom Guo
Review By: Gary Chen
Remark: 3m Chamber



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.947000	35.05	40.00	6.72	106.0	V	163.0	19
85.193000	24.77	40.00	15.23	100.0	V	317.0	15
138.931000	24.95	43.50	18.55	100.0	V	294.0	20
153.966000	25.42	43.50	18.08	100.0	V	0.0	21
570.193000	32.25	46.00	13.75	100.0	V	189.0	26
621.991000	36.82	46.00	9.18	100.0	V	167.0	27

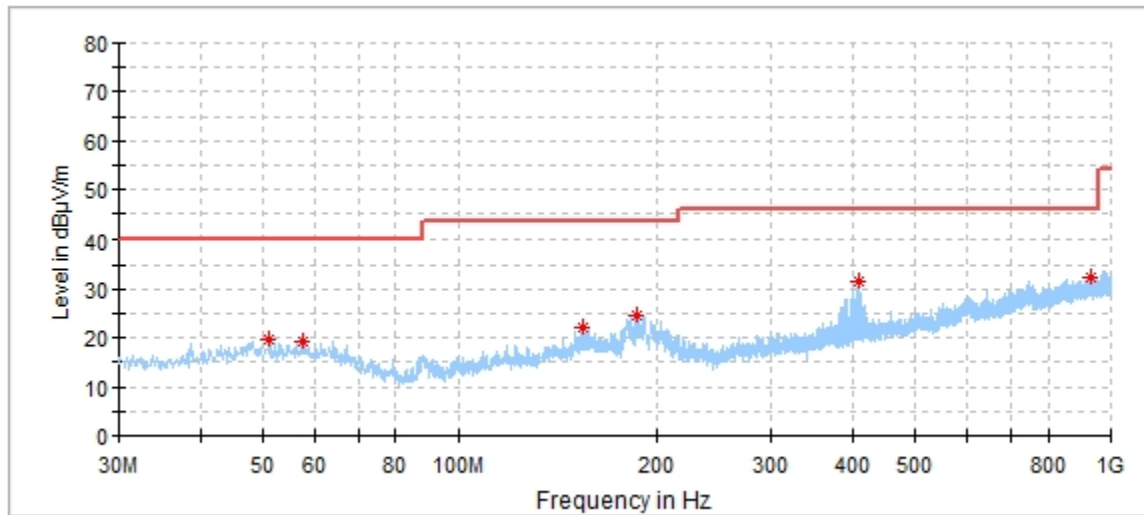
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.947000	29.73	40.00	10.27	1000.0	120.000	106.0	V	163.0	19

Bluetooth link (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Bluetooth link
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

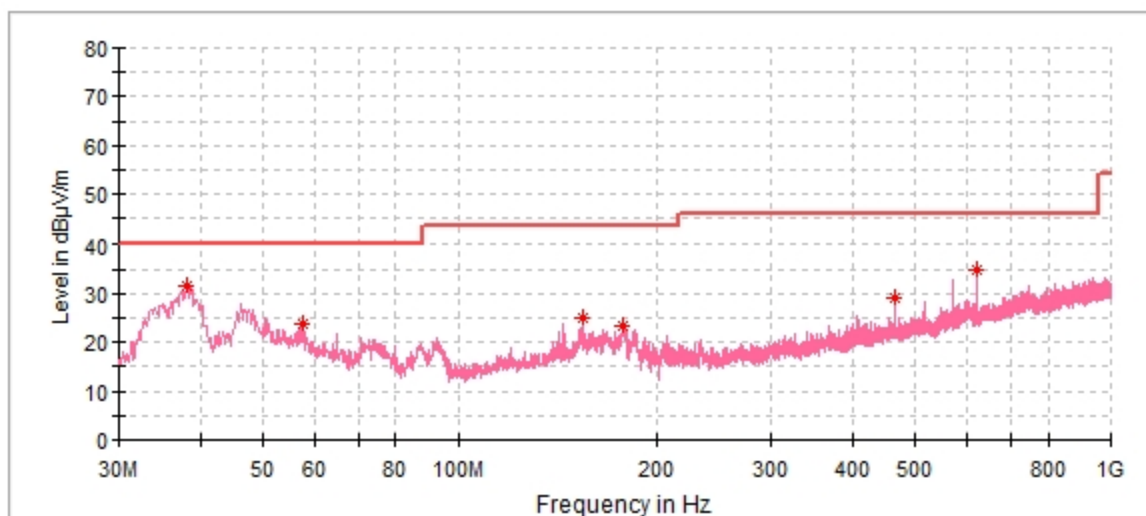


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
931.130000	32.53	46.00	13.47	100.0	H	78.0	32
57.451000	19.21	40.00	20.79	100.0	H	133.0	21
187.237000	24.56	43.50	18.94	100.0	H	245.0	18
409.561000	31.69	46.00	14.31	100.0	H	272.0	24
154.257000	22.34	43.50	21.16	200.0	H	76.0	21
51.146000	19.75	40.00	20.25	200.0	H	242.0	21

EUT Information

EUT Name: Android POS
Model: APOLLO
Order No: 168279564
Test Mode: Bluetooth link
Test Voltage: AC 120V/60Hz
Test By: Tom Guo
Review By: Gary Chen
Remark: 3m Chamber



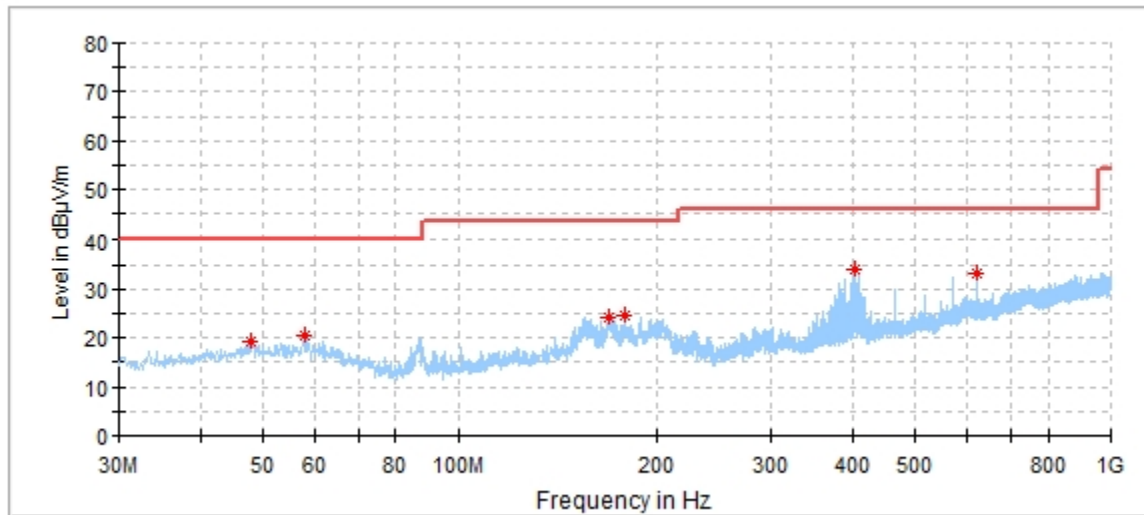
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
153.675000	24.91	43.50	18.59	100.0	V	20.0	21
466.500000	29.23	46.00	16.77	100.0	V	135.0	25
621.991000	34.78	46.00	11.22	100.0	V	186.0	27
177.828000	23.53	43.50	19.97	100.0	V	242.0	20
57.451000	23.92	40.00	16.08	100.0	V	286.0	21
38.245000	31.76	40.00	8.24	200.0	V	275.0	19

Wi-Fi link (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	WIFI link
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

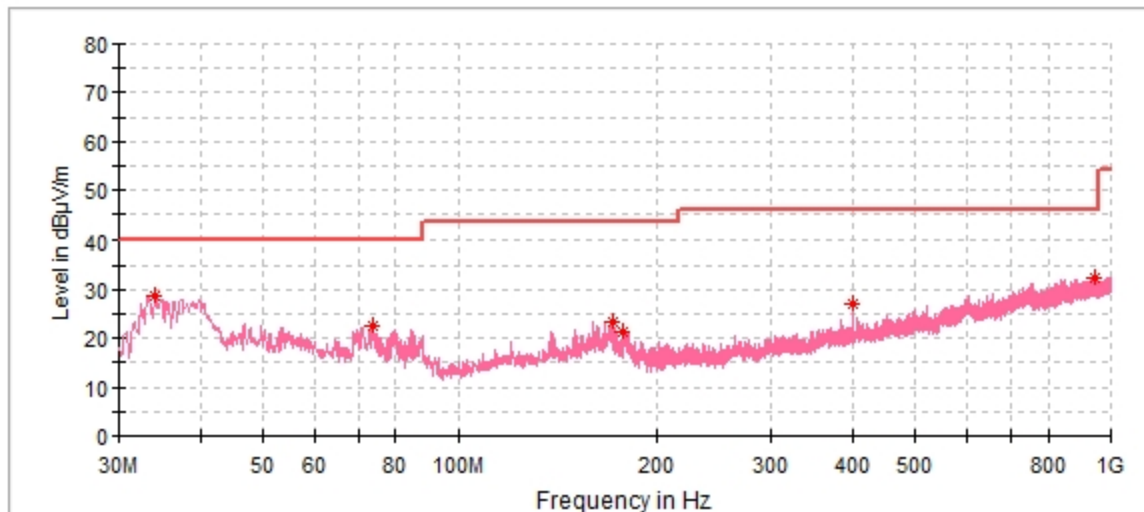


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
621.991000	33.12	46.00	12.88	100.0	H	254.0	27
403.159000	34.23	46.00	11.77	100.0	H	292.0	23
58.130000	20.70	40.00	19.30	200.0	H	0.0	21
178.798000	24.66	43.50	18.84	200.0	H	92.0	20
47.945000	19.24	40.00	20.76	200.0	H	140.0	21
168.710000	24.14	43.50	19.36	200.0	H	292.0	22

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	WIFI link
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber



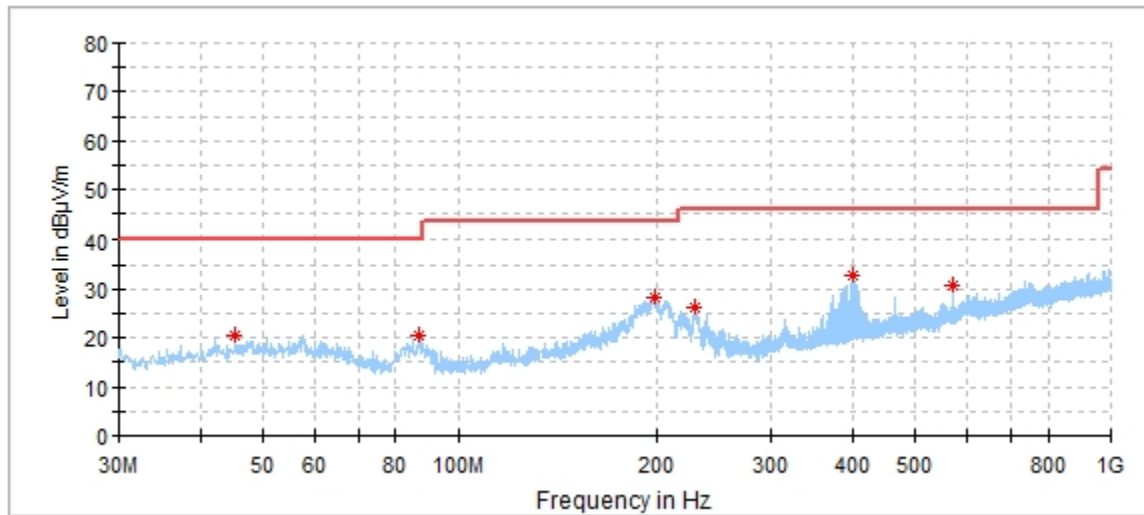
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
178.119000	21.47	43.50	22.03	100.0	V	273.0	20
34.171000	28.63	40.00	11.37	100.0	V	295.0	18
170.844000	23.48	43.50	20.02	100.0	V	355.0	22
941.703000	32.58	46.00	13.42	200.0	V	25.0	32
399.958000	27.20	46.00	18.80	200.0	V	214.0	23
73.553000	22.48	40.00	17.52	200.0	V	316.0	17

2G/3G/4G link (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564 60
Test Mode:	4G Link
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen
Remark:	3m Chamber

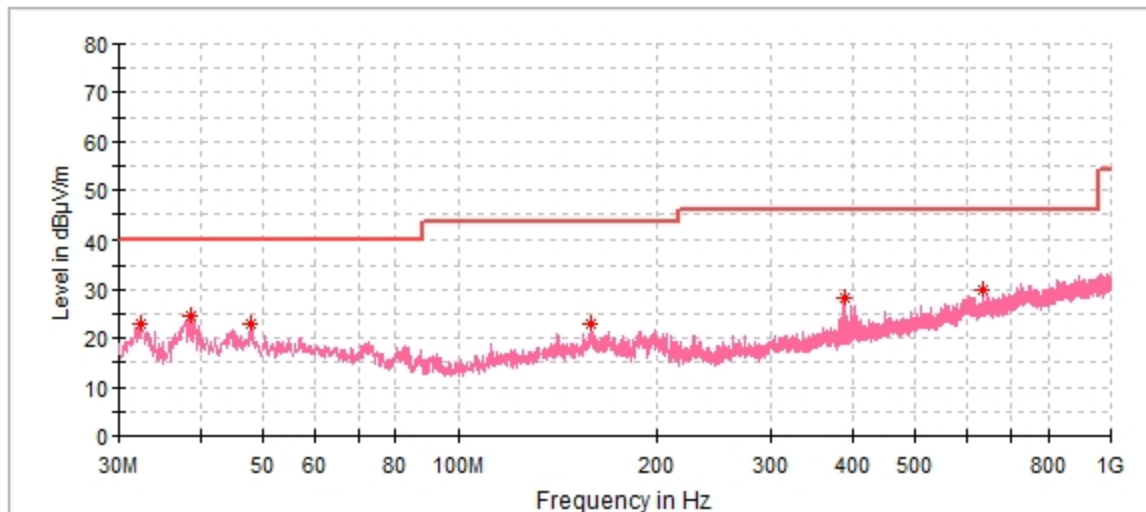


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.326000	20.49	40.00	19.51	100.0	H	240.0	21
86.745000	20.39	40.00	19.61	200.0	H	15.0	15
198.489000	28.14	43.50	15.36	200.0	H	4.0	17
229.044000	26.23	46.00	19.77	100.0	H	36.0	19
399.958000	32.76	46.00	13.24	100.0	H	130.0	23
570.193000	30.80	46.00	15.20	200.0	H	139.0	26

EUT Information

EUT Name: Android POS
Model: APOLLO
Order No: 168279564 60
Test Mode: 4G Link
Test Voltage: AC 120V/60Hz
Test By: Shower Dai
Review By: Gary Chen
Remark: 3m Chamber



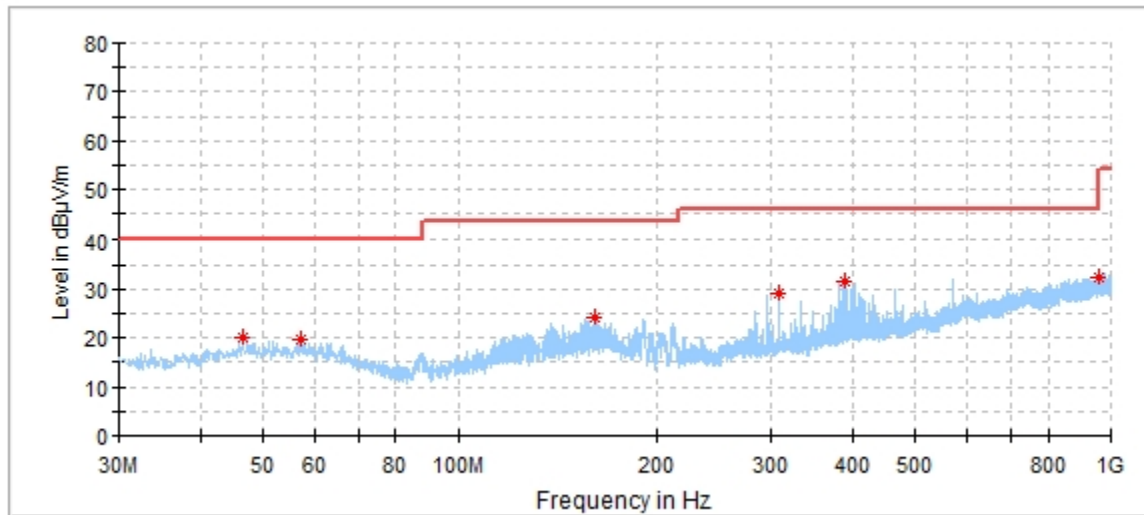
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.328000	22.91	40.00	17.09	100.0	V	317.0	18
38.827000	24.82	40.00	15.18	100.0	V	0.0	19
47.848000	22.90	40.00	17.10	200.0	V	142.0	21
158.525000	23.00	43.50	20.50	100.0	V	203.0	22
390.355000	28.14	46.00	17.86	100.0	V	62.0	23
635.765000	29.79	46.00	16.21	300.0	V	84.0	28

Print (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Print
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

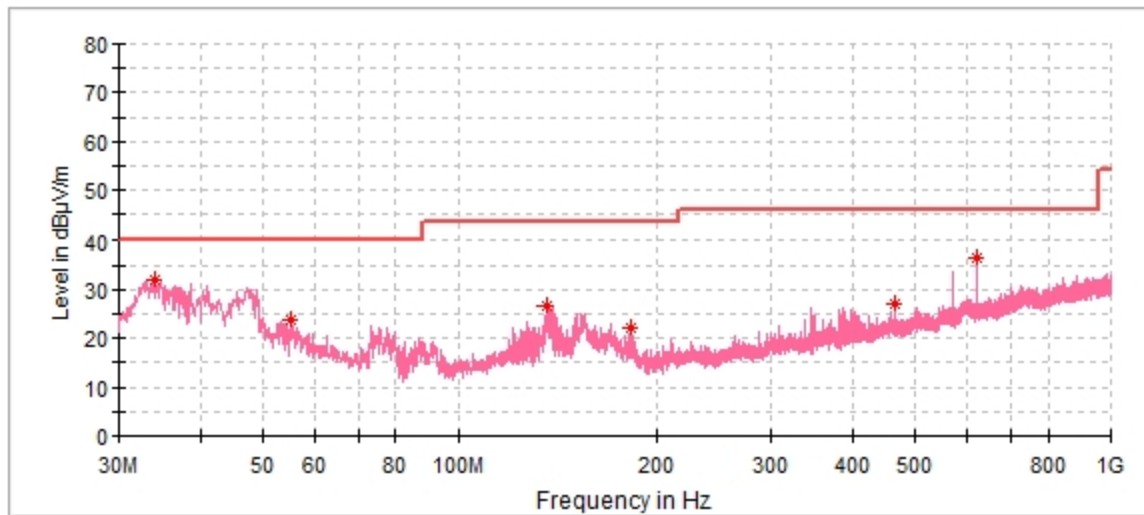


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.490000	20.15	40.00	19.85	100.0	H	70.0	21
390.355000	31.70	46.00	14.30	100.0	H	112.0	23
57.160000	19.80	40.00	20.20	100.0	H	209.0	21
308.390000	29.06	46.00	16.94	100.0	H	358.0	22
160.465000	24.18	43.50	19.32	200.0	H	66.0	22
958.484000	32.53	46.00	13.47	200.0	H	160.0	32

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Print
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
136.118000	26.78	43.50	16.72	100.0	V	60.0	20
55.317000	23.70	40.00	16.30	100.0	V	76.0	21
33.977000	32.18	40.00	7.82	100.0	V	84.0	18
182.096000	22.00	43.50	21.50	100.0	V	84.0	19
466.500000	27.19	46.00	18.81	100.0	V	99.0	25
621.991000	36.72	46.00	9.28	100.0	V	161.0	27

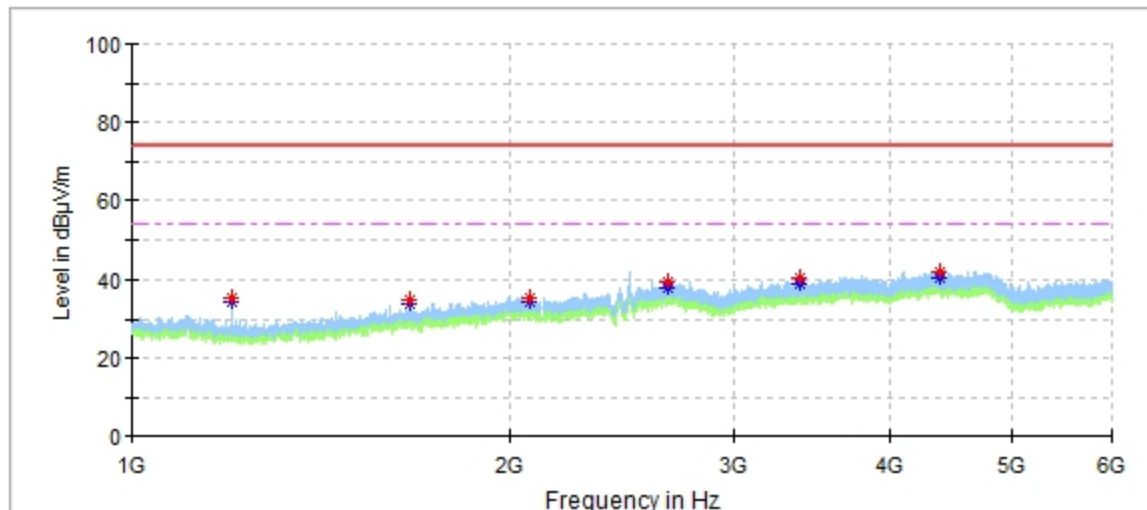
Appendix B.3: Test Plots of Radiated Emission, Above 1GHz

Refer to radio report for test data above 6GHz.

SD Data transfer with PC

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	SD Data transfer with PC
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

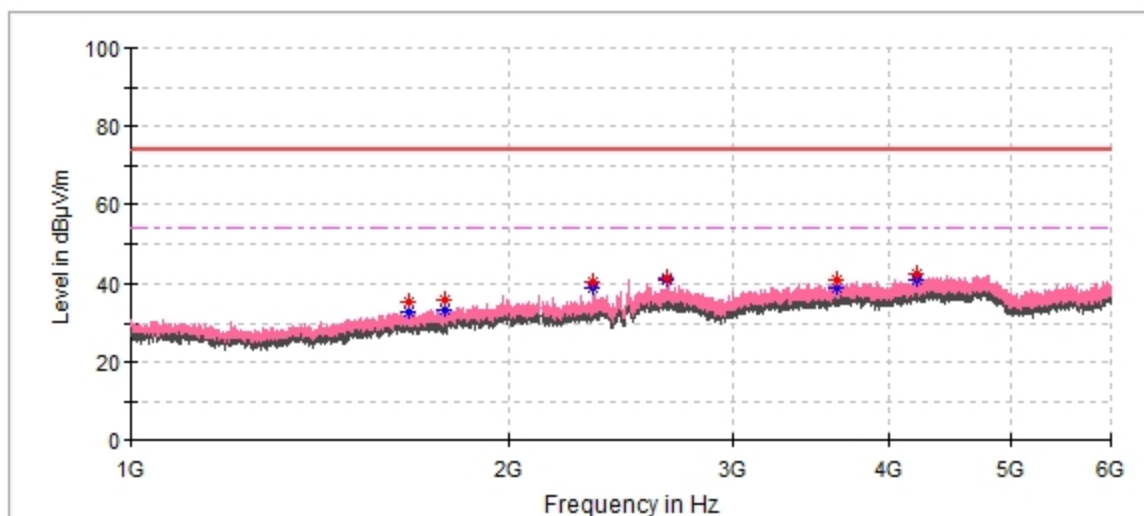


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	---	34.27	54.00	19.73	100.0	H	53.0	-14
1200.000000	35.61	---	74.00	38.39	100.0	H	53.0	-14
1666.000000	---	34.08	54.00	19.92	100.0	H	230.0	-10
1666.000000	35.01	---	74.00	38.99	100.0	H	230.0	-10
2073.500000	---	34.19	54.00	19.81	100.0	H	352.0	-7
2073.500000	35.15	---	74.00	38.85	100.0	H	352.0	-7
2655.500000	---	37.86	54.00	16.14	200.0	H	351.0	-3
2656.500000	39.43	---	74.00	34.57	100.0	H	252.0	-3
3390.500000	---	38.96	54.00	15.04	100.0	H	65.0	-2
3390.500000	40.69	---	74.00	33.31	100.0	H	65.0	-2
4382.000000	---	40.64	54.00	13.36	200.0	H	289.0	2
4382.000000	41.90	---	74.00	32.10	200.0	H	289.0	2

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: SD Data transfer with PC
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber



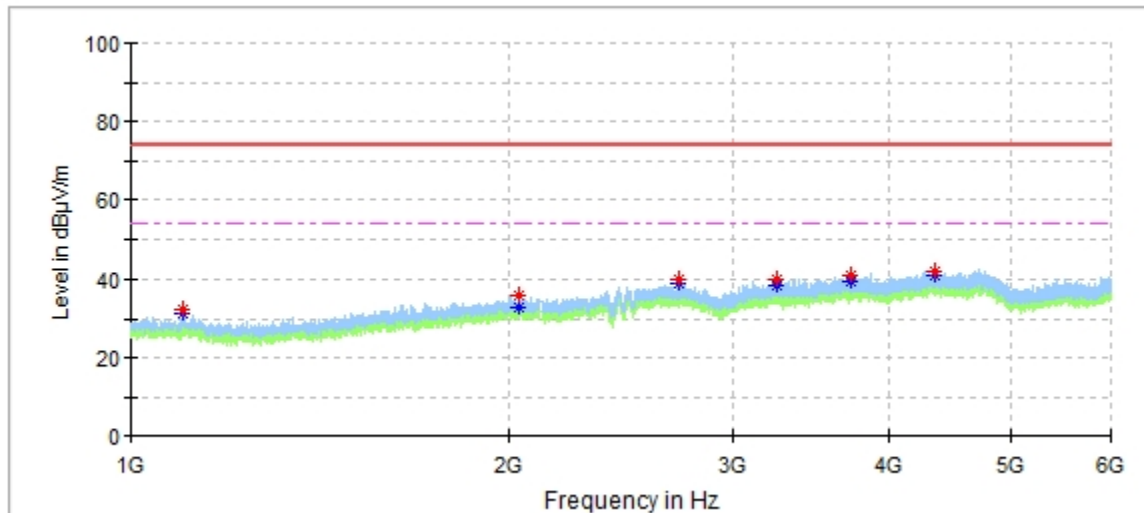
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1665.000000	---	32.79	54.00	21.21	100.0	V	356.0	-10
1665.000000	35.16	---	74.00	38.84	100.0	V	356.0	-10
1777.500000	---	33.50	54.00	20.50	100.0	V	163.0	-10
1777.500000	35.75	---	74.00	38.25	100.0	V	163.0	-10
2322.000000	---	39.23	54.00	14.77	100.0	V	55.0	-6
2322.000000	40.33	---	74.00	33.67	100.0	V	55.0	-6
2664.000000	---	40.80	54.00	13.20	100.0	V	91.0	-3
2664.000000	41.71	---	74.00	32.29	100.0	V	91.0	-3
3626.000000	---	39.19	54.00	14.81	100.0	V	215.0	0
3626.000000	41.26	---	74.00	32.74	100.0	V	215.0	0
4210.500000	---	40.91	54.00	13.09	200.0	V	183.0	1
4210.500000	42.70	---	74.00	31.30	200.0	V	183.0	1

Front camera on (with adapter)

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: Front camera on
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber

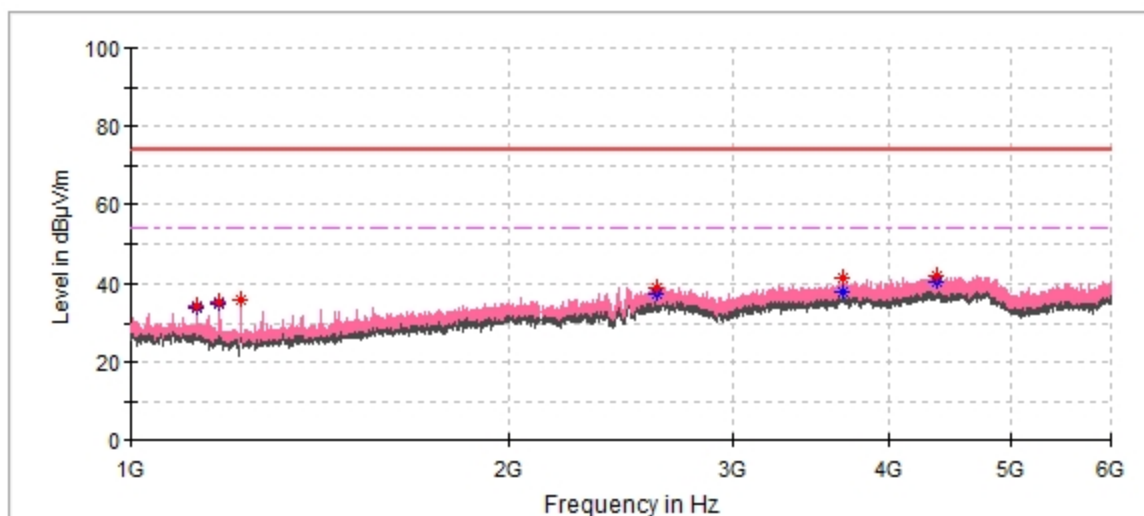


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1101.500000	---	31.03	54.00	22.97	200.0	H	341.0	-12
1101.500000	32.19	---	74.00	41.81	200.0	H	341.0	-12
2036.000000	---	32.71	54.00	21.29	200.0	H	71.0	-7
2036.000000	35.88	---	74.00	38.12	200.0	H	71.0	-7
2719.000000	---	38.78	54.00	15.22	100.0	H	44.0	-3
2719.000000	39.82	---	74.00	34.18	100.0	H	44.0	-3
3257.000000	---	38.60	54.00	15.40	200.0	H	8.0	-2
3257.000000	40.17	---	74.00	33.83	200.0	H	8.0	-2
3726.000000	---	39.48	54.00	14.52	200.0	H	269.0	0
3726.000000	40.99	---	74.00	33.01	200.0	H	269.0	0
4342.000000	---	41.16	54.00	12.84	200.0	H	19.0	2
4342.000000	41.91	---	74.00	32.09	200.0	H	19.0	2

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: Front camera on
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber



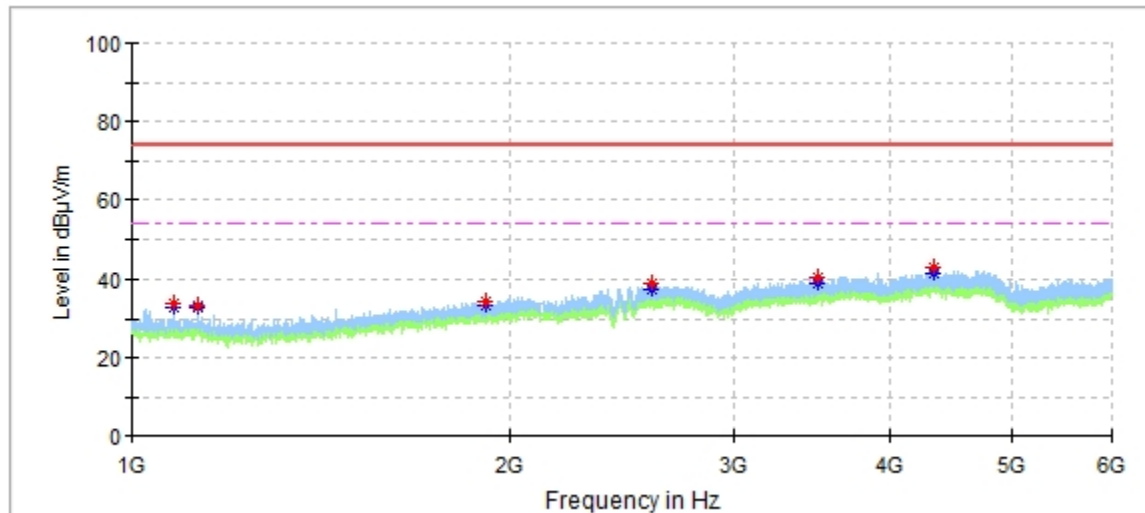
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1128.000000	---	33.70	54.00	20.30	100.0	V	15.0	-13
1128.000000	34.21	---	74.00	39.79	100.0	V	15.0	-13
1176.000000	---	34.90	54.00	19.10	100.0	V	124.0	-14
1176.000000	35.15	---	74.00	38.85	200.0	V	112.0	-14
1224.000000	---	35.65	54.00	18.35	200.0	V	127.0	-14
1224.000000	36.09	---	74.00	37.91	200.0	V	127.0	-14
2607.000000	---	37.37	54.00	16.63	200.0	V	224.0	-4
2607.000000	39.15	---	74.00	34.85	200.0	V	224.0	-4
3676.000000	41.47	---	74.00	32.53	100.0	V	1.0	0
3678.000000	---	37.95	54.00	16.05	100.0	V	175.0	0
4356.500000	---	40.75	54.00	13.25	200.0	V	183.0	2
4356.500000	42.25	---	74.00	31.75	200.0	V	183.0	2

Rear camera on with LED on (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Rear camera on with LED on
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

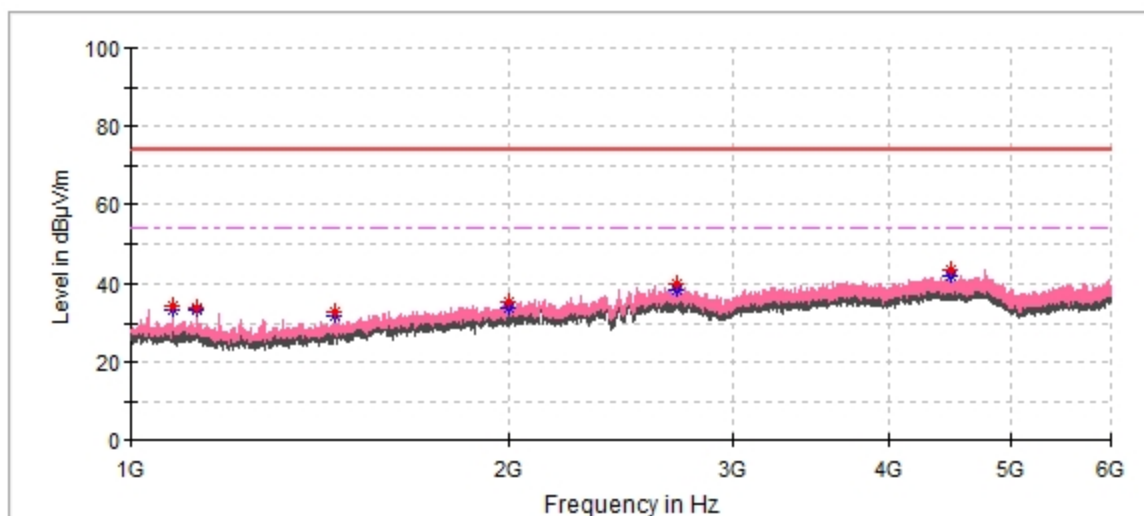


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.000000	---	32.79	54.00	21.21	200.0	H	211.0	-13
1080.000000	33.64	---	74.00	40.36	200.0	H	211.0	-13
1128.000000	---	32.88	54.00	21.12	100.0	H	224.0	-13
1128.000000	33.12	---	74.00	40.88	100.0	H	224.0	-13
1909.500000	---	33.45	54.00	20.55	100.0	H	248.0	-8
1909.500000	34.10	---	74.00	39.90	100.0	H	248.0	-8
2579.000000	---	37.49	54.00	16.51	200.0	H	92.0	-4
2579.000000	38.83	---	74.00	35.17	200.0	H	92.0	-4
3503.000000	---	38.89	54.00	15.11	200.0	H	326.0	-1
3503.000000	40.44	---	74.00	33.56	200.0	H	326.0	-1
4332.000000	---	41.69	54.00	12.31	200.0	H	101.0	2
4332.000000	42.92	---	74.00	31.08	200.0	H	101.0	2

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: Rear camera on with LED on
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber



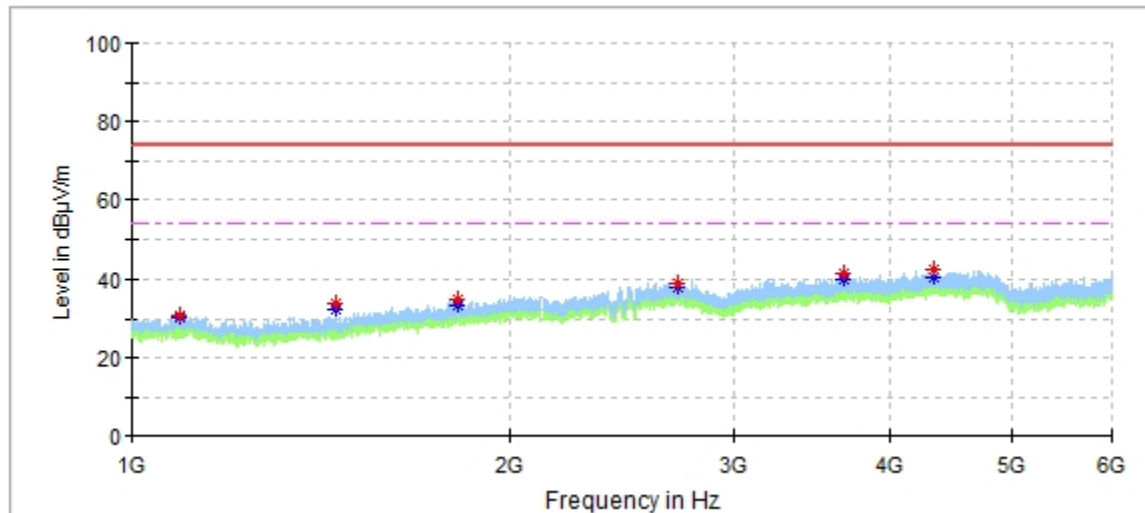
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.000000	---	33.21	54.00	20.79	100.0	V	180.0	-13
1080.000000	34.28	---	74.00	39.72	100.0	V	180.0	-13
1128.000000	---	33.28	54.00	20.72	100.0	V	194.0	-13
1128.000000	34.07	---	74.00	39.93	100.0	V	194.0	-13
1451.500000	---	31.77	54.00	22.23	100.0	V	309.0	-13
1451.500000	32.68	---	74.00	41.32	100.0	V	309.0	-13
1997.000000	---	33.76	54.00	20.24	200.0	V	0.0	-7
1997.000000	35.39	---	74.00	38.61	200.0	V	0.0	-7
2710.000000	---	38.40	54.00	15.60	100.0	V	143.0	-3
2710.000000	39.88	---	74.00	34.12	100.0	V	143.0	-3
4469.000000	---	42.12	54.00	11.88	100.0	V	0.0	2
4469.000000	43.62	---	74.00	30.38	100.0	V	0.0	2

Video play with 1KHz (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	Video play with 1KHz
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

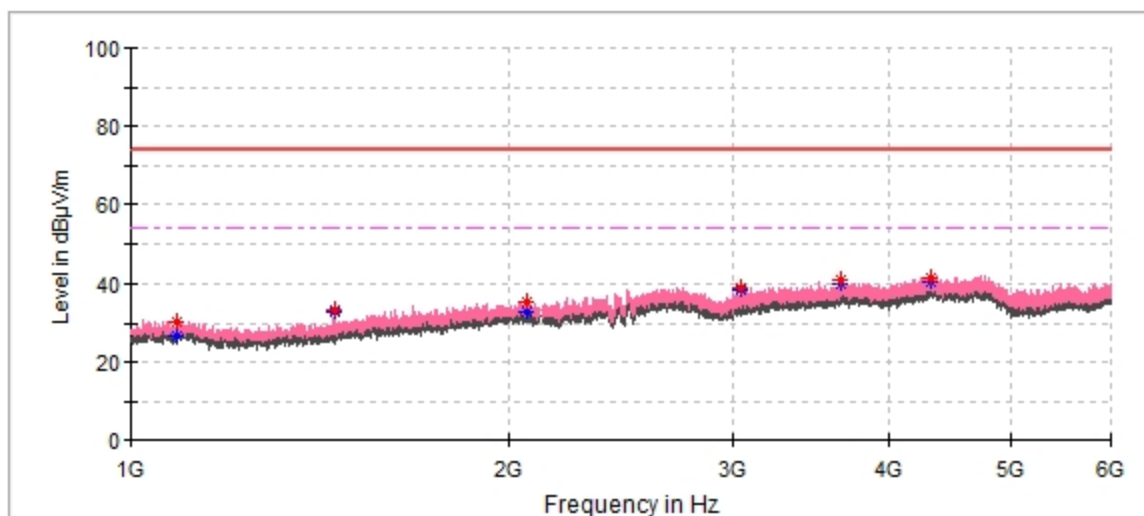


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1091.000000	---	30.31	54.00	23.69	200.0	H	329.0	-13
1091.000000	30.98	---	74.00	43.02	200.0	H	329.0	-13
1451.500000	---	32.31	54.00	21.69	100.0	H	45.0	-13
1451.500000	33.81	---	74.00	40.19	100.0	H	45.0	-13
1816.000000	---	33.41	54.00	20.59	200.0	H	244.0	-9
1816.000000	34.77	---	74.00	39.23	200.0	H	244.0	-9
2707.500000	---	37.74	54.00	16.26	100.0	H	293.0	-3
2707.500000	38.86	---	74.00	35.14	100.0	H	293.0	-3
3668.000000	---	39.99	54.00	14.01	200.0	H	106.0	0
3668.000000	41.33	---	74.00	32.67	200.0	H	106.0	0
4330.500000	---	40.45	54.00	13.55	200.0	H	244.0	2
4330.500000	42.47	---	74.00	31.53	200.0	H	244.0	2

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: Video play with 1KHz
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber



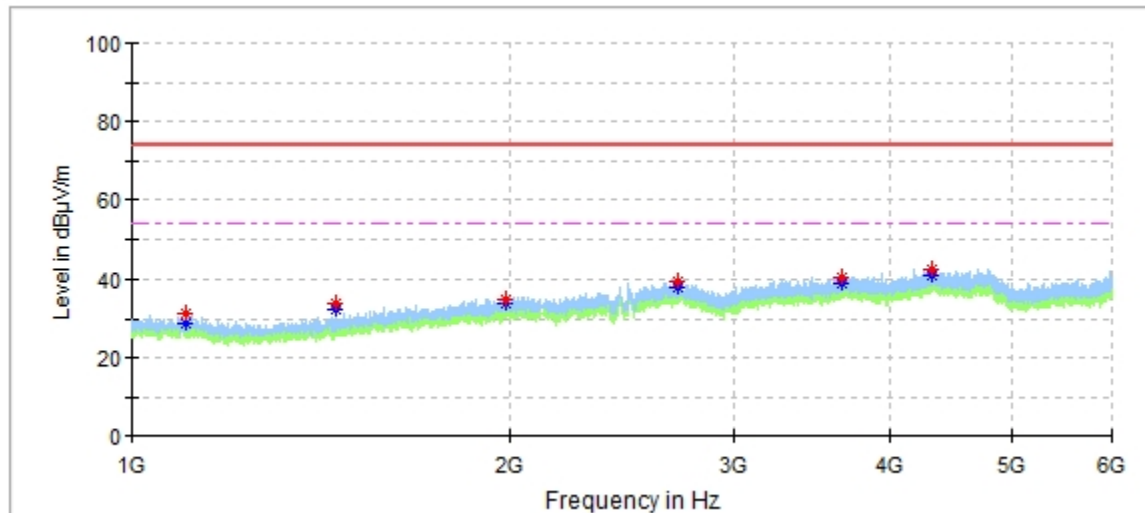
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1087.500000	---	26.75	54.00	27.25	100.0	V	257.0	-13
1087.500000	30.34	---	74.00	43.66	100.0	V	257.0	-13
1451.500000	---	32.91	54.00	21.09	100.0	V	154.0	-13
1451.500000	33.58	---	74.00	40.42	100.0	V	154.0	-13
2068.000000	35.54	---	74.00	38.46	200.0	V	295.0	-7
2069.000000	---	32.67	54.00	21.33	200.0	V	68.0	-7
3049.500000	---	38.21	54.00	15.79	100.0	V	346.0	-3
3049.500000	39.19	---	74.00	34.81	100.0	V	346.0	-3
3662.500000	---	39.93	54.00	14.07	100.0	V	223.0	0
3662.500000	41.01	---	74.00	32.99	100.0	V	223.0	0
4321.500000	41.77	---	74.00	32.23	200.0	V	223.0	2
4322.000000	---	40.41	54.00	13.59	200.0	V	87.0	2

Bluetooth link (with adapter)

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: Bluetooth link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber

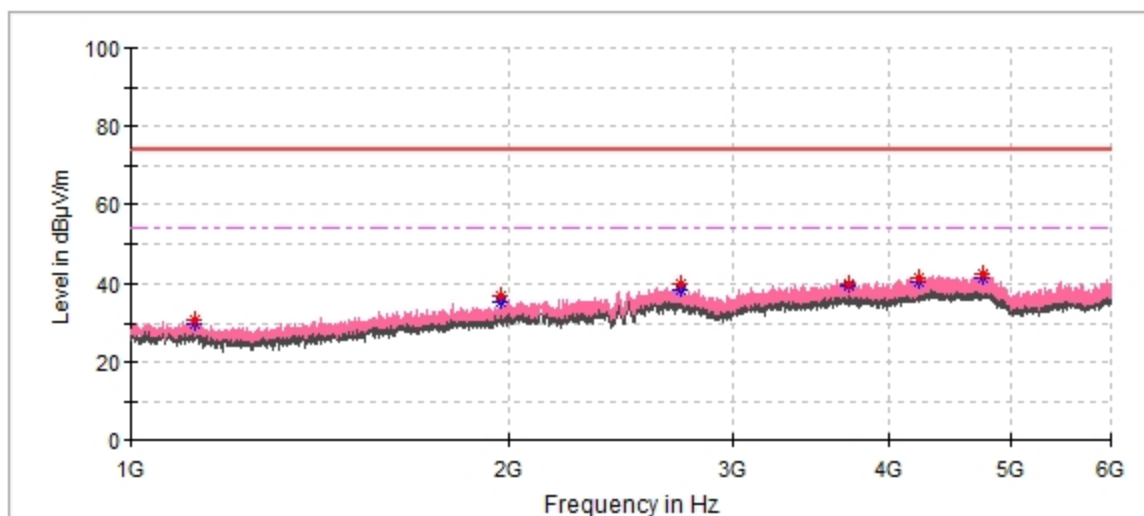


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1105.000000	---	28.66	54.00	25.34	100.0	H	48.0	-12
1105.000000	31.11	---	74.00	42.89	100.0	H	48.0	-12
1451.500000	---	32.41	54.00	21.59	100.0	H	194.0	-13
1451.500000	33.74	---	74.00	40.26	100.0	H	194.0	-13
1984.500000	---	33.95	54.00	20.05	100.0	H	309.0	-8
1984.500000	34.87	---	74.00	39.13	100.0	H	309.0	-8
2707.000000	---	37.87	54.00	16.13	100.0	H	88.0	-3
2707.000000	39.30	---	74.00	34.70	100.0	H	88.0	-3
3663.000000	---	39.13	54.00	14.87	100.0	H	231.0	0
3663.000000	40.41	---	74.00	33.59	100.0	H	231.0	0
4308.500000	42.33	---	74.00	31.67	200.0	H	327.0	2
4308.500000	---	41.21	54.00	12.79	200.0	H	327.0	2

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: Bluetooth link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber



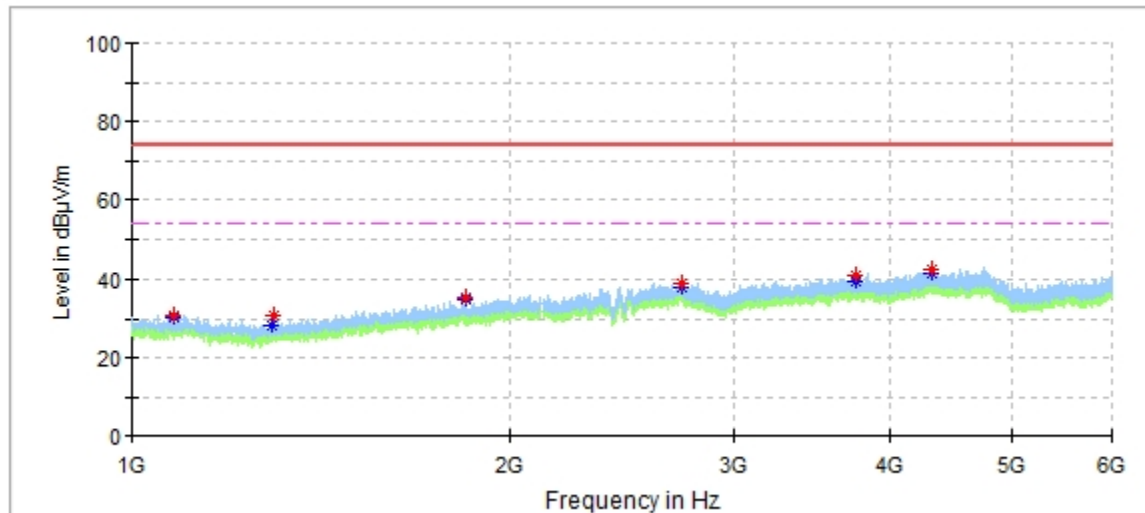
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1125.500000	---	29.81	54.00	24.19	200.0	V	118.0	-13
1125.500000	30.80	---	74.00	43.20	200.0	V	118.0	-13
1971.000000	---	35.62	54.00	18.38	100.0	V	336.0	-8
1971.000000	36.97	---	74.00	37.03	100.0	V	336.0	-8
2724.500000	---	38.37	54.00	15.63	200.0	V	323.0	-3
2724.500000	39.83	---	74.00	34.17	200.0	V	323.0	-3
3711.500000	---	39.69	54.00	14.31	200.0	V	177.0	0
3711.500000	40.21	---	74.00	33.79	200.0	V	177.0	0
4215.000000	---	40.30	54.00	13.70	200.0	V	228.0	1
4215.000000	41.40	---	74.00	32.60	200.0	V	228.0	1
4751.000000	---	41.76	54.00	12.24	200.0	V	346.0	3
4751.000000	42.80	---	74.00	31.20	200.0	V	346.0	3

Wi-Fi link (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564
Test Mode:	WIFI link
Test Voltage:	AC 120V/60Hz
Test By:	Tom Guo
Review By:	Gary Chen
Remark:	3m Chamber

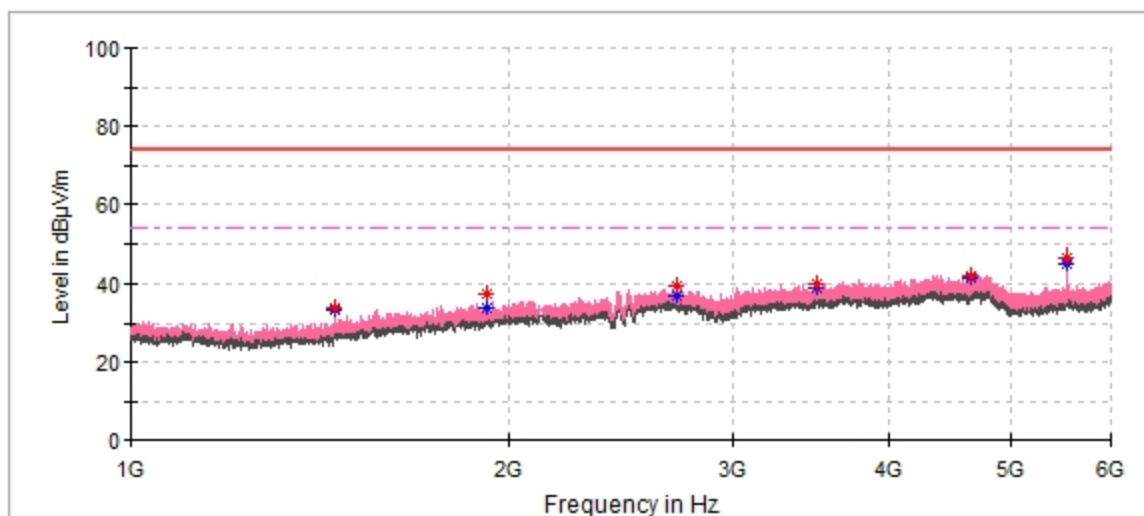


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1080.500000	---	30.38	54.00	23.62	200.0	H	271.0	-13
1080.500000	30.88	---	74.00	43.12	200.0	H	271.0	-13
1294.500000	---	28.38	54.00	25.62	200.0	H	238.0	-14
1295.000000	30.79	---	74.00	43.21	200.0	H	238.0	-14
1844.000000	---	34.62	54.00	19.38	200.0	H	87.0	-9
1844.000000	35.42	---	74.00	38.58	200.0	H	87.0	-9
2727.500000	---	38.07	54.00	15.93	100.0	H	101.0	-3
2727.500000	39.12	---	74.00	34.88	100.0	H	101.0	-3
3756.500000	40.89	---	74.00	33.11	200.0	H	14.0	0
3757.000000	---	39.47	54.00	14.53	200.0	H	14.0	0
4311.500000	---	41.64	54.00	12.36	200.0	H	4.0	2
4311.500000	42.54	---	74.00	31.46	200.0	H	4.0	2

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564
 Test Mode: WIFI link
 Test Voltage: AC 120V/60Hz
 Test By: Tom Guo
 Review By: Gary Chen
 Remark: 3m Chamber



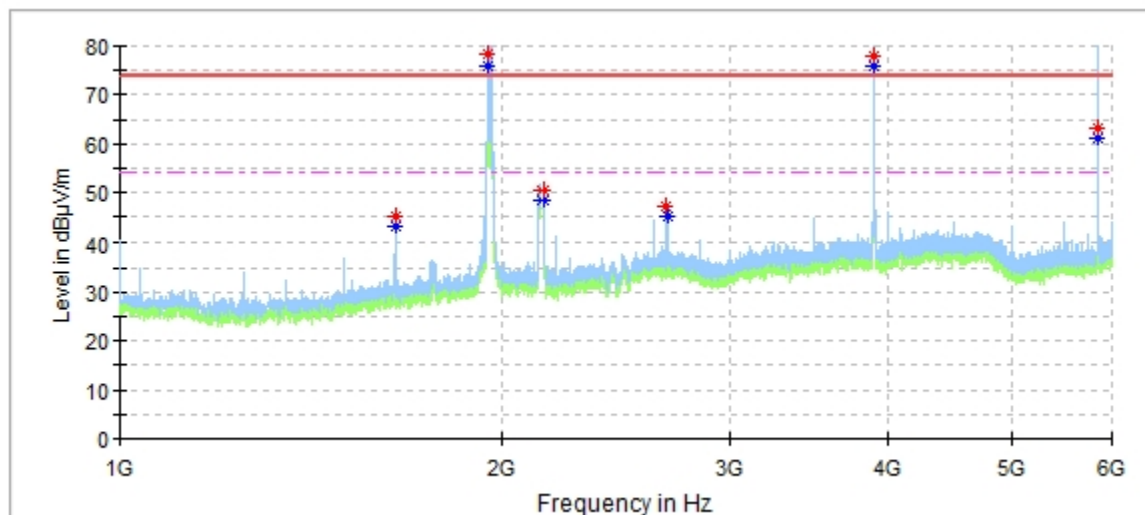
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1451.500000	---	33.41	54.00	20.59	100.0	V	178.0	-13
1451.500000	33.76	---	74.00	40.24	100.0	V	178.0	-13
1921.000000	---	33.89	54.00	20.11	200.0	V	170.0	-8
1921.000000	37.34	---	74.00	36.66	200.0	V	170.0	-8
2706.500000	---	37.16	54.00	16.84	200.0	V	320.0	-3
2706.500000	39.45	---	74.00	34.55	200.0	V	320.0	-3
3499.500000	---	38.92	54.00	15.08	200.0	V	316.0	-1
3499.500000	40.25	---	74.00	33.75	200.0	V	316.0	-1
4640.500000	---	41.51	54.00	12.49	200.0	V	25.0	2
4640.500000	42.00	---	74.00	32.00	200.0	V	25.0	2
5533.000000	---	45.08	54.00	8.92	100.0	V	335.0	1
5533.000000	46.44	---	74.00	27.56	100.0	V	335.0	1

2G/3G/4G link (with adapter)

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564 60
 Test Mode: 4G Link
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 3m Chamber
 Note: Over the limit is fundamental and spurious emissions of license radio

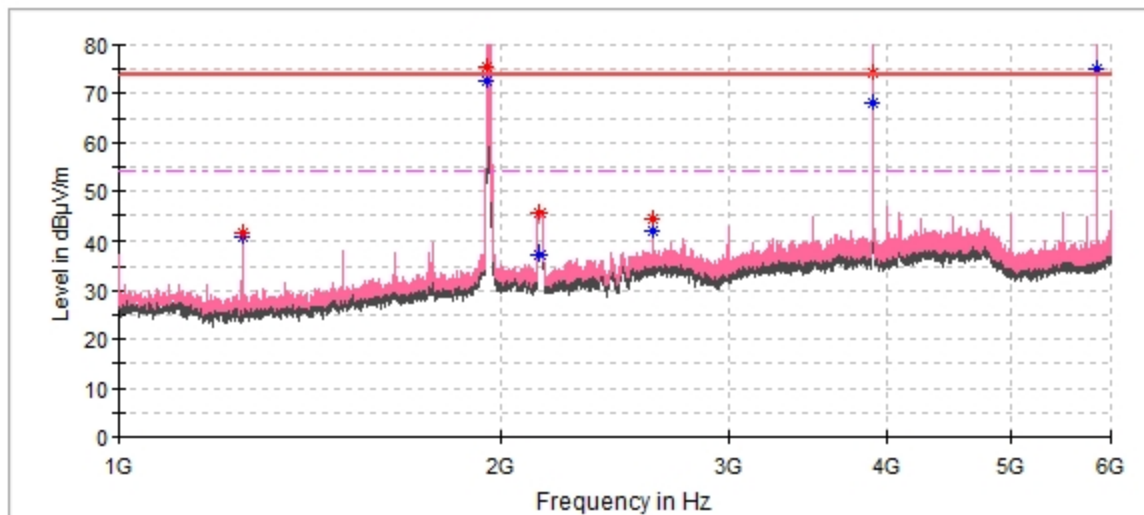


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1645.500000	---	43.13	54.00	10.87	100.0	H	217.0	-10
1645.500000	45.00	---	74.00	29.00	100.0	H	217.0	-10
1946.500000	78.50	---	---	---	200.0	H	295.0	-8
1946.500000	---	75.80	---	---	200.0	H	295.0	-8
2143.500000	50.39	---	74.00	23.61	100.0	H	29.0	-8
2143.500000	---	48.27	54.00	5.73	100.0	H	29.0	-8
2681.000000	47.20	---	74.00	26.80	100.0	H	199.0	-3
2682.000000	---	45.20	54.00	8.80	100.0	H	194.0	-3
3897.000000	77.98	---	---	---	100.0	H	185.0	0
3897.000000	---	75.73	---	---	100.0	H	185.0	0
5848.500000	---	61.26	---	---	100.0	H	208.0	1
5848.500000	63.27	---	---	---	100.0	H	208.0	1

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564 60
 Test Mode: 4G Link
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 3m Chamber
 Note: Over the limit is fundamental and spurious emissions of license radio



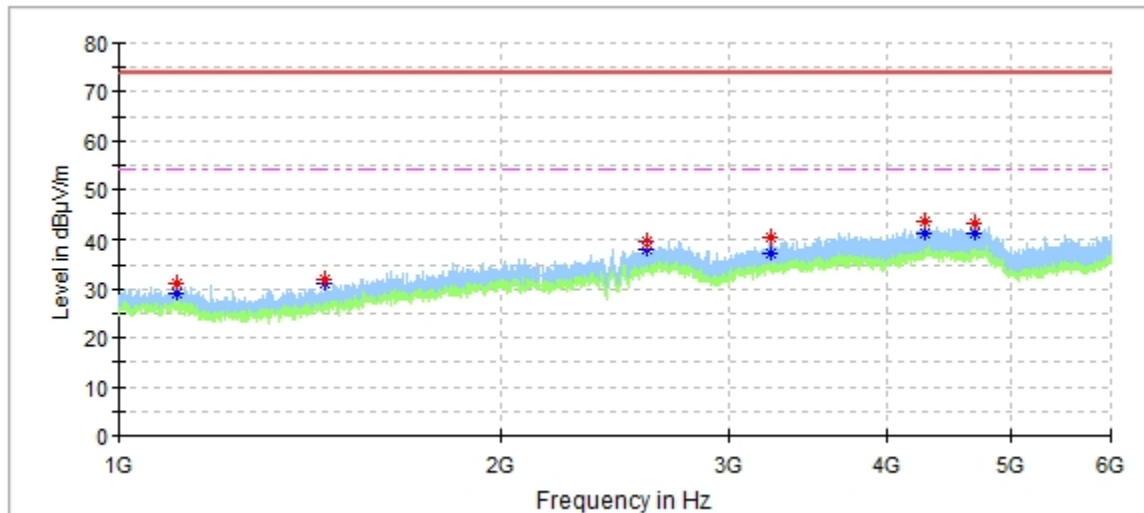
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1250.000000	---	40.50	54.00	13.50	100.0	V	270.0	-14
1250.000000	41.28	---	74.00	32.72	100.0	V	270.0	-14
1945.000000	---	72.56	---	---	200.0	V	3.0	-8
1945.000000	75.61	---	---	---	200.0	V	3.0	-8
2138.000000	---	37.50	54.00	16.50	200.0	V	228.0	-8
2138.500000	45.60	---	74.00	28.40	200.0	V	57.0	-8
2620.500000	---	41.75	54.00	12.25	200.0	V	0.0	-4
2620.500000	44.39	---	74.00	29.61	200.0	V	0.0	-4
3898.500000	---	68.21	---	---	100.0	V	354.0	0
3898.500000	74.10	---	---	---	200.0	V	18.0	0
5851.500000	---	74.97	---	---	200.0	V	18.0	1
5851.500000	80.80	---	---	---	200.0	V	18.0	1

Print (with adapter)

EUT Information

EUT Name:	Android POS
Model	APOLLO
Order No:	168279564 60
Test Mode:	Print
Test Voltage:	AC 120V/60Hz
Test By:	Shower Dai
Review By:	Gary Chen
Remark:	3m Chamber

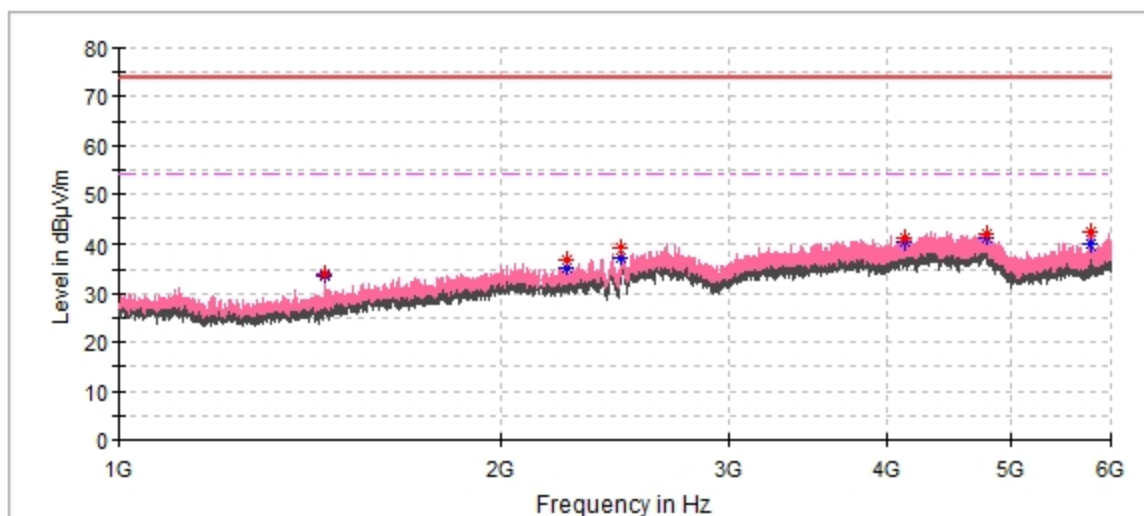


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1111.000000	---	29.16	54.00	24.84	100.0	H	80.0	-12
1111.000000	31.24	---	74.00	42.76	100.0	H	80.0	-12
1451.500000	---	31.06	54.00	22.94	100.0	H	244.0	-13
1451.500000	32.12	---	74.00	41.88	100.0	H	244.0	-13
2588.000000	---	38.04	54.00	15.96	100.0	H	18.0	-4
2588.000000	39.30	---	74.00	34.70	100.0	H	18.0	-4
3241.000000	---	37.14	54.00	16.86	200.0	H	136.0	-2
3241.000000	40.23	---	74.00	33.77	200.0	H	136.0	-2
4282.000000	43.65	---	74.00	30.35	100.0	H	0.0	2
4282.500000	---	40.85	54.00	13.15	100.0	H	0.0	2
4689.500000	43.00	---	74.00	31.00	200.0	H	190.0	3
4691.500000	---	40.83	54.00	13.17	200.0	H	141.0	3

EUT Information

EUT Name: Android POS
 Model: APOLLO
 Order No: 168279564 60
 Test Mode: Print
 Test Voltage: AC 120V/60Hz
 Test By: Shower Dai
 Review By: Gary Chen
 Remark: 3m Chamber



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1451.500000	---	33.57	54.00	20.43	100.0	V	224.0	-13
1451.500000	34.08	---	74.00	39.92	100.0	V	224.0	-13
2239.500000	---	35.43	54.00	18.57	100.0	V	61.0	-7
2239.500000	36.97	---	74.00	37.03	100.0	V	61.0	-7
2475.500000	---	37.35	54.00	16.65	200.0	V	161.0	-5
2475.500000	39.05	---	74.00	34.95	200.0	V	161.0	-5
4133.500000	---	40.22	54.00	13.78	100.0	V	251.0	1
4133.500000	41.23	---	74.00	32.77	100.0	V	251.0	1
4799.000000	---	41.07	54.00	12.93	200.0	V	190.0	2
4799.000000	41.99	---	74.00	32.01	200.0	V	190.0	2
5797.000000	---	39.87	54.00	14.13	100.0	V	129.0	1
5797.000000	42.30	---	74.00	31.70	100.0	V	129.0	1