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1. RF Output power

1.1 GSM

Band	GSM850 (dBm)			GSM1900 (dBm)		
Channel	128	189	251	512	661	810
Frequency (MHz)	824.2	836.4	848.8	1850.2	1880	1909.8
GSM (GMSK, 1Tx-slot)	30.79	30.38	30.30	27.76	27.99	27.84
GPRS (GMSK, 1Tx-slot)	30.78	30.37	30.29	27.75	27.98	27.83
GPRS (GMSK, 2Tx-slot)	30.18	30.08	30.09	27.66	27.85	27.69
GPRS (GMSK, 3Tx-slot)	28.57	28.48	28.41	27.52	27.70	27.54
GPRS (GMSK, 4Tx-slot)	27.30	26.91	26.81	27.36	27.57	27.41
EDGE (8PSK, 1Tx-slot)	24.74	24.35	24.25	24.12	24.33	24.17
EDGE (8PSK, 2Tx-slot)	24.68	24.68	24.68	24.08	24.08	24.08
EDGE (8PSK, 3Tx-slot)	24.58	24.58	24.58	23.99	23.99	23.99
EDGE (8PSK, 4Tx-slot)	24.55	24.55	24.55	23.87	23.87	23.87

1.2 WCDMA

Band	WCDMA II (dBm)			WCDMA V (dBm)			WCDMA IV (dBm)		
Channel	9262	9400	9538	4132	4182	4233	1312	1413	1513
Rx Channel	9662	9800	9938	4357	4407	4458	1537	1638	1738
Frequency (MHz)	1852.4	1880	1907.6	826.4	836.4	846.6	1712.4	1732.6	1752.6
RMC 12.2K	20.90	20.91	20.98	21.26	21.09	21.03	20.70	20.92	20.80
HSDPA Subtest-1	19.76	19.77	19.84	20.12	19.95	19.89	19.56	19.78	19.66
HSDPA Subtest-2	19.67	19.68	19.75	20.03	19.86	19.80	19.47	19.69	19.57
HSDPA Subtest-3	19.35	19.36	19.43	19.71	19.54	19.48	19.15	19.37	19.25
HSDPA Subtest-4	19.32	19.33	19.40	19.68	19.51	19.45	19.12	19.34	19.22
DC-HSDPA Subtest-1	19.06	19.07	19.14	19.42	19.25	19.19	18.86	19.08	18.96
DC-HSDPA Subtest-2	19.09	19.10	19.17	19.45	19.28	19.22	18.89	19.11	18.99
DC-HSDPA Subtest-3	19.04	19.05	19.12	19.40	19.23	19.17	18.84	19.06	18.94
DC-HSDPA Subtest-4	19.00	19.01	19.08	19.36	19.19	19.13	18.80	19.02	18.90
HSUPA Subtest-1	19.48	19.49	19.56	19.84	19.67	19.61	19.28	19.50	19.38
HSUPA Subtest-2	17.49	17.50	17.57	17.85	17.68	17.62	17.29	17.51	17.39
HSUPA Subtest-3	18.28	18.29	18.36	18.64	18.47	18.41	18.08	18.30	18.18
HSUPA Subtest-4	18.87	18.88	18.95	19.23	19.06	19.00	18.67	18.89	18.77
HSUPA Subtest-5	19.69	19.70	19.77	20.05	19.88	19.82	19.49	19.71	19.59

1.3 LTE

1.3.1 LTE Band 2

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 18607 (dBm)	Mid CH 18900 (dBm)	High CH 19193 (dBm)
				Frequency 1850.7 MHz	Frequency 1880 MHz	Frequency 1909.3 MHz
2/ 1.4	QPSK	1	0	21.06	21.13	21.28
		1	2	20.93	20.83	21.13
		1	5	21.22	20.72	20.98
		3	0	20.94	20.79	21.02
		3	1	20.98	20.74	20.98
		3	3	20.84	20.76	20.87
		6	0	19.83	19.87	20.05
	16QAM	1	0	20.13	20.30	20.17
		1	2	20.16	19.86	20.19
		1	5	20.15	20.29	19.80
		3	0	19.91	19.78	20.00
		3	1	19.89	19.77	19.90
		3	3	19.71	19.81	19.92
		6	0	18.73	18.95	18.84

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 18615 (dBm)	Mid CH 18900 (dBm)	High CH 19185 (dBm)
				Frequency 1851.5 MHz	Frequency 1880 MHz	Frequency 1908.5 MHz
2/ 3	QPSK	1	0	20.92	21.03	21.20
		1	7	20.87	20.76	21.08
		1	14	21.06	20.73	20.85
		8	0	19.84	19.78	20.12
		8	3	19.94	19.89	19.92
		8	7	19.72	19.86	20.01
		15	0	19.82	19.73	20.00
	16QAM	1	0	20.14	20.30	20.01
		1	7	20.08	19.92	20.17
		1	14	20.06	20.31	19.91
		8	0	18.80	18.89	18.99
		8	3	18.85	18.84	18.87
		8	7	18.77	18.83	18.92
		15	0	18.86	18.78	18.94

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 18625 (dBm)	Mid CH 18900 (dBm)	High CH 19175 (dBm)
				Frequency 1852.5 MHz	Frequency 1880 MHz	Frequency 1907.5 MHz
2/ 5	QPSK	1	0	21.07	21.05	21.27
		1	12	20.98	20.66	21.13
		1	24	21.17	20.72	20.94
		12	0	19.77	19.74	20.13
		12	6	20.01	19.82	19.88
		12	13	19.89	19.80	19.90
		25	0	19.92	19.77	19.99
	16QAM	1	0	20.07	20.23	20.02
		1	12	19.98	19.96	20.25
		1	24	20.08	20.15	19.94
		12	0	18.90	18.93	18.90
		12	6	18.77	18.82	18.99
		12	13	18.80	18.72	18.92
		25	0	18.83	18.83	18.96

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Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 18650 (dBm)	Mid CH 18900 (dBm)	High CH 19150 (dBm)
				Frequency 1855 MHz	Frequency 1880 MHz	Frequency 1905 MHz
2/ 10	QPSK	1	0	21.01	21.07	21.32
		1	24	21.03	20.69	21.09
		1	49	21.13	20.88	20.92
		25	0	19.92	19.71	20.05
		25	12	19.95	19.82	19.91
		25	25	19.78	19.77	19.95
		50	0	19.87	19.86	20.05
	16QAM	1	0	20.02	20.32	20.19
		1	24	19.99	19.81	20.28
		1	49	20.06	20.14	19.91
		25	0	18.78	18.94	19.06
		25	12	18.86	18.86	18.83
		25	25	18.73	18.85	18.81
		50	0	18.69	18.85	18.96

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 18675 (dBm)	Mid CH 18900 (dBm)	High CH 19125 (dBm)
				Frequency 1857.5 MHz	Frequency 1880 MHz	Frequency 1902.5 MHz
2/ 15	QPSK	1	0	21.00	21.12	21.27
		1	37	20.85	20.80	21.08
		1	74	21.24	20.88	20.91
		36	0	19.89	19.86	20.02
		36	19	19.93	19.84	19.98
		36	39	19.77	19.85	19.92
		75	0	19.79	19.85	19.94
	16QAM	1	0	20.00	20.31	20.14
		1	37	20.15	19.88	20.28
		1	74	20.20	20.19	19.86
		36	0	18.86	18.91	19.04
		36	19	18.73	18.84	18.87
		36	39	18.79	18.89	18.90
		75	0	18.68	18.77	18.94

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 18700 (dBm)	Mid CH 18900 (dBm)	High CH 19100 (dBm)
				Frequency 1860 MHz	Frequency 1880 MHz	Frequency 1900 MHz
2/ 20	QPSK	1	0	21.08	21.18	21.39
		1	50	21.05	20.84	21.19
		1	99	21.25	20.90	21.04
		50	0	19.97	19.90	20.18
		50	25	20.04	19.91	20.03
		50	50	19.92	19.92	20.04
		100	0	19.98	19.89	20.06
	16QAM	1	0	20.15	20.42	20.19
		1	50	20.17	19.99	20.32
		1	99	20.25	20.32	19.98
		50	0	18.96	18.98	19.10
		50	25	18.92	18.90	19.00
		50	50	18.82	18.92	18.96
		100	0	18.88	18.96	19.01

1.3.2 LTE Band 4

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 19957 (dBm)	Mid CH 20175 (dBm)	High CH 20393 (dBm)
				Frequency 1710.7 MHz	Frequency 1732.5 MHz	Frequency 1754.3 MHz
4/ 1.4	QPSK	1	0	20.63	21.00	20.76
		1	2	20.79	20.80	20.72
		1	5	21.04	20.68	20.94
		3	0	20.80	21.02	20.80
		3	1	20.91	20.78	20.87
		3	3	20.91	20.74	20.76
		6	0	19.81	20.06	19.94
	16QAM	1	0	19.81	20.25	20.23
		1	2	20.57	20.05	19.95
		1	5	20.56	20.14	20.24
		3	0	19.76	19.84	19.87
		3	1	19.93	19.91	19.86
		3	3	19.88	19.83	19.88
		6	0	18.68	19.04	18.78

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 19965 (dBm)	Mid CH 20175 (dBm)	High CH 20385 (dBm)
				Frequency 1711.5 MHz	Frequency 1732.5 MHz	Frequency 1753.5 MHz
4/ 3	QPSK	1	0	20.49	20.90	20.68
		1	7	20.73	20.73	20.67
		1	14	20.88	20.69	20.81
		8	0	19.70	20.01	19.90
		8	3	19.87	19.93	19.81
		8	7	19.79	19.84	19.90
		15	0	19.80	19.92	19.89
	16QAM	1	0	19.82	20.25	20.07
		1	7	20.49	20.11	19.93
		1	14	20.47	20.16	20.35
		8	0	18.65	18.95	18.86
		8	3	18.89	18.98	18.83
		8	7	18.94	18.85	18.88
		15	0	18.81	18.87	18.88

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 19975 (dBm)	Mid CH 20175 (dBm)	High CH 20375 (dBm)
				Frequency 1712.5 MHz	Frequency 1732.5 MHz	Frequency 1752.5 MHz
4/ 5	QPSK	1	0	20.64	20.92	20.75
		1	12	20.84	20.63	20.72
		1	24	20.99	20.68	20.90
		12	0	19.63	19.97	19.91
		12	6	19.94	19.86	19.77
		12	13	19.96	19.78	19.79
		25	0	19.90	19.96	19.88
	16QAM	1	0	19.75	20.18	20.08
		1	12	20.39	20.15	20.01
		1	24	20.49	20.00	20.38
		12	0	18.75	18.99	18.77
		12	6	18.81	18.96	18.95
		12	13	18.97	18.74	18.88
		25	0	18.78	18.92	18.90

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Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20000 (dBm)	Mid CH 20175 (dBm)	High CH 20350 (dBm)
				Frequency 1715 MHz	Frequency 1732.5 MHz	Frequency 1750 MHz
4/ 10	QPSK	1	0	20.58	20.94	20.80
		1	24	20.89	20.66	20.68
		1	49	20.95	20.84	20.88
		25	0	19.78	19.94	19.83
		25	12	19.88	19.86	19.80
		25	25	19.85	19.75	19.84
		50	0	19.85	20.05	19.94
	16QAM	1	0	19.70	20.27	20.25
		1	24	20.40	20.00	20.04
		1	49	20.47	19.99	20.35
		25	0	18.63	19.00	18.93
		25	12	18.90	19.00	18.79
		25	25	18.90	18.87	18.77
		50	0	18.64	18.94	18.90

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20025 (dBm)	Mid CH 20175 (dBm)	High CH 20325 (dBm)
				Frequency 1717.5 MHz	Frequency 1732.5 MHz	Frequency 1747.5 MHz
4/ 15	QPSK	1	0	20.57	20.99	20.75
		1	37	20.71	20.77	20.67
		1	74	21.06	20.84	20.87
		36	0	19.75	20.09	19.80
		36	19	19.86	19.88	19.87
		36	39	19.84	19.83	19.81
		75	0	19.77	20.04	19.83
	16QAM	1	0	19.68	20.26	20.20
		1	37	20.56	20.07	20.04
		1	74	20.61	20.04	20.30
		36	0	18.71	18.97	18.91
		36	19	18.77	18.98	18.83
		36	39	18.96	18.91	18.86
		75	0	18.63	18.86	18.88

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20050 (dBm)	Mid CH 20175 (dBm)	High CH 20300 (dBm)
				Frequency 1720 MHz	Frequency 1732.5 MHz	Frequency 1745 MHz
4/ 20	QPSK	1	0	20.65	21.05	20.87
		1	50	20.91	20.81	20.78
		1	99	21.07	20.86	21.00
		50	0	19.83	20.13	19.96
		50	25	19.97	19.95	19.92
		50	50	19.99	19.90	19.93
		100	0	19.96	20.08	19.95
	16QAM	1	0	19.83	20.37	20.25
		1	50	20.58	20.18	20.08
		1	99	20.66	20.17	20.42
		50	0	18.81	19.04	18.97
		50	25	18.96	19.04	18.96
		50	50	18.99	18.94	18.92
		100	0	18.83	19.05	18.95

1.3.3 LTE Band 5

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20407 (dBm)	Mid CH 20525 (dBm)	High CH 20643 (dBm)
				Frequency 824.7 MHz	Frequency 836.5 MHz	Frequency 848.3 MHz
5/ 1.4	QPSK	1	0	20.72	21.02	20.61
		1	2	20.91	20.61	20.77
		1	5	20.98	20.71	20.75
		3	0	20.81	20.94	20.83
		3	1	20.95	20.85	20.75
		3	3	21.02	20.73	21.01
		6	0	20.00	19.76	19.90
	16QAM	1	0	20.28	20.06	20.09
		1	2	19.78	19.59	19.67
		1	5	19.53	19.32	19.31
		3	0	20.26	20.11	20.09
		3	1	20.15	19.96	20.00
		3	3	20.13	19.99	19.97
		6	0	18.97	18.80	18.82

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20415 (dBm)	Mid CH 20525 (dBm)	High CH 20635 (dBm)
				Frequency 825.5 MHz	Frequency 836.5 MHz	Frequency 847.5 MHz
5/ 3	QPSK	1	0	20.79	21.04	20.70
		1	7	20.78	20.63	20.67
		1	14	21.07	20.65	20.73
		8	0	19.89	19.80	19.81
		8	3	19.92	19.74	19.85
		8	7	19.94	19.74	19.85
		15	0	19.95	19.77	19.84
	16QAM	1	0	20.12	19.94	20.05
		1	7	19.88	19.76	19.85
		1	14	19.56	19.33	19.34
		8	0	19.14	19.08	19.18
		8	3	19.08	18.95	18.95
		8	7	19.10	19.04	18.99
		15	0	19.04	18.83	18.94

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20425 (dBm)	Mid CH 20525 (dBm)	High CH 20625 (dBm)
				Frequency 826.5 MHz	Frequency 836.5 MHz	Frequency 846.5 MHz
5/ 5	QPSK	1	0	20.69	20.92	20.78
		1	12	20.85	20.69	20.77
		1	24	21.05	20.70	20.81
		12	0	19.95	19.89	19.74
		12	6	19.85	19.88	19.79
		12	13	20.00	19.82	19.87
		25	0	19.85	19.78	19.95
	16QAM	1	0	20.22	20.00	20.02
		1	12	19.89	19.62	19.84
		1	24	19.54	19.36	19.42
		12	0	19.22	19.09	19.15
		12	6	19.18	18.89	19.06
		12	13	19.16	18.94	19.04
		25	0	18.87	18.84	18.95

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Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20450 (dBm)	Mid CH 20525 (dBm)	High CH 20600 (dBm)
				Frequency 829 MHz	Frequency 836.5 MHz	Frequency 844 MHz
5/ 10	QPSK	1	0	20.87	21.07	20.78
		1	24	20.93	20.78	20.87
		1	49	21.09	20.75	20.86
		25	0	19.98	19.94	19.91
		25	12	20.01	19.92	19.95
		25	25	20.06	19.90	20.01
		50	0	20.05	19.90	19.97
	16QAM	1	0	20.29	20.14	20.21
		1	24	19.94	19.79	19.86
		1	49	19.57	19.42	19.49
		25	0	19.32	19.17	19.24
		25	12	19.23	19.08	19.15
		25	25	19.20	19.05	19.12
		50	0	19.06	18.91	18.98

1.3.4 LTE Band 7

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20775 (dBm)	Mid CH 21100 (dBm)	High CH 21425 (dBm)
				Frequency 2502.5 MHz	Frequency 2535 MHz	Frequency 2567.5 MHz
7/ 5	QPSK	1	0	21.09	20.96	21.25
		1	12	20.84	21.12	21.18
		1	24	20.91	20.95	21.14
		12	0	19.99	20.03	20.04
		12	6	19.87	20.01	20.06
		12	13	19.73	19.82	20.02
		25	0	20.07	20.07	19.94
	16QAM	1	0	20.32	20.45	20.30
		1	12	20.47	20.34	20.41
		1	24	20.40	20.34	20.39
		12	0	19.09	19.19	19.00
		12	6	19.00	19.13	19.08
		12	13	19.08	18.96	19.09
		25	0	18.98	18.85	18.91

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20800 (dBm)	Mid CH 21100 (dBm)	High CH 21400 (dBm)
				Frequency 2505 MHz	Frequency 2535 MHz	Frequency 2565 MHz
7/ 10	QPSK	1	0	21.11	20.86	21.31
		1	24	20.95	21.11	21.22
		1	49	20.90	21.02	21.27
		25	0	20.07	20.05	19.98
		25	12	19.88	19.92	19.99
		25	25	19.72	19.81	20.06
		50	0	20.11	19.93	20.07
	16QAM	1	0	20.36	20.35	20.35
		1	24	20.36	20.34	20.29
		1	49	20.37	20.35	20.23
		25	0	19.07	19.10	19.10
		25	12	19.10	19.09	18.92
		25	25	19.07	19.04	19.09
		50	0	18.92	18.98	18.85

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20825 (dBm)	Mid CH 21100 (dBm)	High CH 21375 (dBm)
				Frequency 2507.5 MHz	Frequency 2535 MHz	Frequency 2562.5 MHz
7/ 15	QPSK	1	0	21.05	20.90	21.29
		1	37	20.84	21.22	21.29
		1	74	20.95	20.89	21.24
		36	0	20.06	19.97	20.10
		36	19	20.00	19.95	19.99
		36	39	19.87	19.83	20.09
		75	0	20.01	19.95	19.91
	16QAM	1	0	20.47	20.39	20.34
		1	37	20.46	20.50	20.46
		1	74	20.33	20.39	20.28
		36	0	19.06	19.19	19.15
		36	19	19.14	19.09	19.03
		36	39	19.10	18.98	18.91
		75	0	18.91	18.85	18.88

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 20850 (dBm)	Mid CH 21100 (dBm)	High CH 21350 (dBm)
				Frequency 2510 MHz	Frequency 2535 MHz	Frequency 2560 MHz
7/ 20	QPSK	1	0	21.24	21.02	21.32
		1	50	21.02	21.23	21.38
		1	99	20.95	21.03	21.33
		50	0	20.17	20.05	20.12
		50	25	20.01	20.01	20.11
		50	50	19.90	20.00	20.09
		100	0	20.12	20.13	20.09
	16QAM	1	0	20.48	20.49	20.45
		1	50	20.50	20.51	20.47
		1	99	20.44	20.45	20.41
		50	0	19.22	19.23	19.19
		50	25	19.14	19.15	19.11
		50	50	19.13	19.14	19.10
		100	0	18.99	19.00	18.96

1.3.5 LTE Band 12

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 23017 (dBm)	Mid CH 23095 (dBm)	High CH 23173 (dBm)
				Frequency 699.7 MHz	Frequency 707.5 MHz	Frequency 715.3 MHz
12/ 1.4	QPSK	1	0	21.24	21.33	21.23
		1	2	21.42	21.55	21.42
		1	5	21.13	21.51	21.31
		3	0	21.13	21.28	21.47
		3	1	21.33	21.30	21.39
		3	3	21.43	21.28	21.34
		6	0	20.20	20.24	20.26
	16QAM	1	0	20.09	19.98	20.19
		1	2	20.09	20.10	20.21
		1	5	20.09	20.02	20.05
		3	0	20.25	20.22	20.35
		3	1	20.33	20.16	20.27
		3	3	20.15	20.27	20.20
		6	0	19.33	19.32	19.27

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 23025 (dBm)	Mid CH 23095 (dBm)	High CH 23165 (dBm)
				Frequency 700.5 MHz	Frequency 707.5 MHz	Frequency 714.5 MHz
12/ 3	QPSK	1	0	21.16	21.38	21.37
		1	7	21.34	21.54	21.37
		1	14	21.29	21.45	21.17
		8	0	20.25	20.30	20.38
		8	3	20.32	20.14	20.47
		8	7	20.36	20.28	20.33
		15	0	20.27	20.29	20.36
	16QAM	1	0	20.16	20.11	20.21
		1	7	20.09	20.14	20.20
		1	14	20.06	19.96	20.15
		8	0	19.28	19.29	19.27
		8	3	19.24	19.30	19.20
		8	7	19.15	19.29	19.34
		15	0	19.34	19.19	19.28

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 23035 (dBm)	Mid CH 23095 (dBm)	High CH 23155 (dBm)
				Frequency 701.5 MHz	Frequency 707.5 MHz	Frequency 713.5 MHz
12/ 5	QPSK	1	0	21.17	21.20	21.21
		1	12	21.33	21.61	21.51
		1	24	21.32	21.38	21.15
		12	0	20.31	20.37	20.34
		12	6	20.31	20.23	20.39
		12	13	20.33	20.30	20.46
		25	0	20.28	20.23	20.32
	16QAM	1	0	20.06	20.08	20.07
		1	12	20.10	20.17	20.09
		1	24	20.00	20.01	19.97
		12	0	19.34	19.31	19.42
		12	6	19.22	19.27	19.37
		12	13	19.22	19.22	19.19
		25	0	19.31	19.24	19.23

Band/BW (MHz)	Modulation	RB Size	RB Offset	Low CH 23060 (dBm)	Mid CH 23095 (dBm)	High CH 23130 (dBm)
				Frequency 704 MHz	Frequency 707.5 MHz	Frequency 711 MHz
12/ 10	QPSK	1	0	21.25	21.39	21.41
		1	24	21.52	21.64	21.55
		1	49	21.33	21.53	21.32
		25	0	20.32	20.38	20.51
		25	12	20.39	20.31	20.48
		25	25	20.49	20.30	20.50
		50	0	20.37	20.34	20.40
	16QAM	1	0	20.19	20.16	20.22
		1	24	20.22	20.19	20.25
		1	49	20.14	20.11	20.17
		25	0	19.41	19.38	19.44
		25	12	19.35	19.32	19.38
		25	25	19.33	19.30	19.36
		50	0	19.36	19.33	19.39

1.3.6 LTE Band 13

Band/BW (MHz)	Modulation	RB Size	RB Offset	CH 23205 (dBm)	CH 23230 (dBm)	CH 23255 (dBm)
				779.5 MHz	782.0 MHz	784.5 MHz
13/ 5	QPSK	1	0	20.95	20.93	20.90
		1	12	20.96	20.94	20.91
		1	24	20.96	20.94	20.91
		12	0	20.02	20.00	19.97
		12	6	20.11	20.09	20.06
		12	13	20.14	20.12	20.09
		25	0	20.19	20.17	20.14
	16QAM	1	0	20.17	20.15	20.12
		1	12	20.19	20.17	20.14
		1	24	19.95	19.93	19.90
		12	0	19.01	18.99	18.96
		12	6	18.93	18.91	18.88
		12	13	19.06	19.04	19.01
		25	0	19.01	18.99	18.96

Band/BW (MHz)	Modulation	RB Size	RB Offset	CH 23230 (dBm)
				782.0 MHz
13/ 10	QPSK	1	0	21.04
		1	24	21.14
		1	49	21.05
		25	0	20.15
		25	12	20.12
		25	25	20.16
		50	0	20.23
	16QAM	1	0	20.21
		1	24	20.23
		1	49	20.03
		25	0	19.08
		25	12	19.02
		25	25	19.11
		50	0	19.13

1.3.7 LTE Band 25

Band/BW (MHz)	Modulation	RB Size	RB Offset	26047 CH (dBm)	26365 CH (dBm)	26683 CH (dBm)
				1850.7 MHz	1882.5 MHz	1914.3 MHz
25/ 1.4	QPSK	1	0	21.17	21.17	21.24
		1	2	21.23	21.08	20.97
		1	5	21.23	21.11	21.01
		3	0	21.03	20.93	21.13
		3	1	21.03	21.00	20.99
		3	3	20.85	21.03	21.00
	16QAM	6	0	19.90	19.92	20.03
		1	0	19.87	19.92	20.01
		1	2	19.98	19.93	20.03
		1	5	19.94	19.98	20.03
		3	0	19.97	19.93	20.16
		3	1	19.95	19.88	20.11
		3	3	19.93	20.00	20.14
		6	0	18.98	18.98	19.14

Band/BW (MHz)	Modulation	RB Size	RB Offset	26055 CH (dBm)	26365 CH (dBm)	26675 CH (dBm)
				1851.5 MHz	1882.5 MHz	1913.5 MHz
25/ 3	QPSK	1	0	21.12	21.09	21.24
		1	7	21.28	21.04	21.01
		1	14	21.11	21.08	21.01
		8	0	20.07	19.98	20.04
		8	3	19.88	19.93	20.13
		8	7	19.96	20.02	19.94
	16QAM	15	0	19.85	19.97	20.07
		1	0	19.89	19.99	20.15
		1	7	19.82	19.91	20.01
		1	14	19.81	19.99	20.04
		8	0	19.03	19.01	19.01
		8	3	18.90	18.98	19.14
		8	7	19.09	19.12	19.16
		15	0	18.86	18.92	19.14

Band/BW (MHz)	Modulation	RB Size	RB Offset	26065 CH (dBm)	26365 CH (dBm)	26665 CH (dBm)
				1852.5 MHz	1882.5 MHz	1912.5 MHz
25/ 5	QPSK	1	0	21.18	21.07	21.25
		1	12	21.25	21.16	21.12
		1	24	21.04	21.22	20.86
		12	0	19.95	20.04	20.13
		12	6	19.96	19.99	20.08
		12	13	19.88	20.14	19.91
		25	0	19.93	19.98	20.07
	16QAM	1	0	19.82	19.91	20.08
		1	12	19.96	19.97	19.97
		1	24	19.86	20.03	20.03
		12	0	18.95	19.00	19.08
		12	6	18.80	18.85	19.00
		12	13	19.07	19.07	19.20
		25	0	18.85	18.86	19.00

Appendix A
60415352 004



Produkte
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Band/BW (MHz)	Modulation	RB Size	RB Offset	26090 CH (dBm)	26365 CH (dBm)	26640 CH (dBm)
				1855 MHz	1882.5 MHz	1910 MHz
25/ 10	QPSK	1	0	21.02	21.17	21.26
		1	24	21.35	21.13	21.03
		1	49	21.16	21.14	20.95
		25	0	20.04	20.03	20.19
		25	12	19.92	19.96	20.02
		25	25	19.88	19.94	20.05
		50	0	20.01	20.02	19.99
	16QAM	1	0	20.00	19.91	20.09
		1	24	19.94	20.02	19.98
		1	49	19.80	19.94	20.00
		25	0	18.84	18.91	19.06
		25	12	18.91	18.92	18.97
		25	25	19.09	19.00	19.24
		50	0	18.99	18.88	19.14

Band/BW (MHz)	Modulation	RB Size	RB Offset	26115 CH (dBm)	26365 CH (dBm)	26615 CH (dBm)
				1857.5 MHz	1882.5 MHz	1907.5 MHz
25/ 15	QPSK	1	0	21.01	21.01	21.35
		1	37	21.37	21.09	21.00
		1	74	21.19	21.13	20.95
		36	0	19.98	20.03	20.18
		36	19	19.95	20.04	20.06
		36	39	20.00	20.01	19.97
		75	0	19.90	20.07	20.12
	16QAM	1	0	19.92	19.99	20.02
		1	37	19.95	19.94	20.00
		1	74	19.85	19.98	19.97
		36	0	18.89	19.01	19.01
		36	19	18.87	18.91	19.04
		36	39	19.11	19.02	19.15
		75	0	18.95	18.94	19.05

Band/BW (MHz)	Modulation	RB Size	RB Offset	26140 CH (dBm)	26365 CH (dBm)	26590 CH (dBm)
				1860 MHz	1882.5 MHz	1905 MHz
25/ 20	QPSK	1	0	21.19	21.18	21.41
		1	50	21.42	21.17	21.16
		1	99	21.23	21.28	21.02
		50	0	20.10	20.10	20.24
		50	25	20.05	20.12	20.18
		50	50	20.02	20.14	20.08
		100	0	20.01	20.07	20.17
	16QAM	1	0	20.02	20.08	20.18
		1	50	19.99	20.05	20.15
		1	99	20.00	20.06	20.16
		50	0	19.04	19.10	19.20
		50	25	18.99	19.05	19.15
		50	50	19.12	19.18	19.28
		100	0	19.00	19.06	19.16

1.3.8 LTE Band 26

Band/BW (MHz)	Modulation	RB Size	RB Offset	26697 CH (dBm)	26865 CH (dBm)	27033 CH (dBm)
				814.7 MHz	831.5 MHz	848.3 MHz
26/ 1.4	QPSK	1	0	21.19	20.77	21.06
		1	2	20.91	21.02	20.73
		1	5	21.03	20.87	20.87
		3	0	21.16	20.93	21.09
		3	1	21.00	21.04	20.96
		3	3	20.85	21.11	20.95
	16QAM	6	0	19.91	20.02	19.93
		1	0	20.42	20.56	20.47
		1	2	20.39	20.42	20.39
		1	5	20.12	20.03	20.04
		3	0	20.09	20.08	19.92
		3	1	20.11	20.03	19.99
		3	3	20.18	20.12	20.19
		6	0	18.98	19.09	18.89

Band/BW (MHz)	Modulation	RB Size	RB Offset	26705 CH (dBm)	26865 CH (dBm)	27025 CH (dBm)
				815.5 MHz	831.5 MHz	847.5 MHz
26/ 3	QPSK	1	0	21.13	20.94	21.00
		1	7	20.90	20.94	20.65
		1	14	20.86	20.82	20.72
		8	0	20.19	20.02	20.11
		8	3	19.94	20.01	20.01
		8	7	19.89	20.07	19.91
	16QAM	15	0	19.91	19.96	20.02
		1	0	20.50	20.42	20.35
		1	7	20.41	20.47	20.48
		1	14	19.99	20.05	20.11
		8	0	19.02	19.03	18.97
		8	3	19.00	19.09	18.91
		8	7	19.28	19.15	19.12
		15	0	19.11	18.94	19.04

Band/BW (MHz)	Modulation	RB Size	RB Offset	26715 CH (dBm)	26865 CH (dBm)	27015 CH (dBm)
				816.5 MHz	831.5 MHz	846.5 MHz
26/ 5	QPSK	1	0	21.11	20.82	21.04
		1	12	20.83	20.95	20.64
		1	24	20.89	20.96	20.74
		12	0	20.30	19.97	20.10
		12	6	20.05	19.91	19.97
		12	13	19.96	20.07	19.89
		25	0	19.91	19.94	19.89
	16QAM	1	0	20.52	20.43	20.40
		1	12	20.49	20.38	20.45
		1	24	20.01	19.99	19.94
		12	0	19.02	19.01	19.00
		12	6	18.93	19.02	18.88
		12	13	19.15	19.12	19.21
		25	0	18.97	18.90	18.96

Band/BW (MHz)	Modulation	RB Size	RB Offset	26740 CH (dBm)	26865 CH (dBm)	26990 CH (dBm)
				819 MHz	831.5 MHz	844 MHz
26/ 10	QPSK	1	0	21.22	20.86	20.95
		1	24	20.84	21.01	20.65
		1	49	20.97	20.90	20.71
		25	0	20.19	19.94	20.02
		25	12	19.98	19.94	20.05
		25	25	19.84	20.04	19.82
		50	0	20.04	19.96	20.03
	16QAM	1	0	20.49	20.54	20.38
		1	24	20.35	20.37	20.31
		1	49	19.99	20.03	19.96
		25	0	19.01	19.00	19.08
		25	12	19.08	19.01	19.05
		25	25	19.21	19.13	19.21
		50	0	19.03	19.03	18.87

Band/BW (MHz)	Modulation	RB Size	RB Offset	26765 CH (dBm)	26865 CH (dBm)	26965 CH (dBm)
				821.5 MHz	831.5 MHz	841.5 MHz
26/ 15	QPSK	1	0	21.29	20.95	21.10
		1	37	20.92	21.04	20.78
		1	74	21.06	21.02	20.89
		36	0	20.31	20.12	20.13
		36	19	20.12	20.10	20.08
		36	39	20.03	20.14	20.01
		75	0	20.10	20.09	20.05
	16QAM	1	0	20.58	20.57	20.53
		1	37	20.54	20.53	20.49
		1	74	20.19	20.18	20.14
		36	0	19.15	19.14	19.10
		36	19	19.13	19.12	19.08
		36	39	19.28	19.27	19.23
		75	0	19.11	19.10	19.06

1.4 WiFi

Mode	802.11b (dBm)			802.11g (dBm)		
Data Rate	1Mbps			6Mbps		
Channel	1	6	11	1	6	11
Frequency (MHz)	2412	2437	2462	2412	2437	2462
RF Output Power (ANT 0)	15.42	14.86	15.29	13.50	13.16	12.05
Mode	802.11n HT20 (dBm)			802.11n HT40 (dBm)		
Data Rate	MCS0 6.5Mbps			MCS0 13.5Mbps		
Channel	1	6	11	3	6	9
Frequency (MHz)	2412	2437	2462	2422	2437	2452
RF Output Power (ANT 0)	12.77	12.28	11.14	12.25	12.23	11.94

Mode	802.11a (dBm)				802.11n HT20 (dBm)				802.11n HT40 (dBm)	
Data Rate	6Mbps				MCS0				MCS0	
Channel	36	40	44	48	36	40	44	48	38	46
Frequency (MHz)	5180	5200	5220	5240	5180	5200	5220	5240	5190	5230
RF Output Power (ANT 0)	11.90	12.05	12.43	12.45	12.50	12.49	13.26	13.35	12.34	12.78

Mode	802.11a (dBm)				802.11n HT20 (dBm)				802.11n HT40 (dBm)	
Data Rate	6Mbps				MCS0				MCS0	
Channel	52	56	60	64	52	56	60	64	54	62
Frequency (MHz)	5260	5280	5300	5320	5260	5280	5300	5320	5270	5310
RF Output Power (ANT 0)	12.90	12.93	12.90	12.56	13.64	13.72	13.70	13.39	12.77	12.51

Mode	802.11a (dBm)					
Data Rate	6Mbps					
Channel	100	116	120	124	132	140
Frequency (MHz)	5500	5580	5600	5620	5660	5700
RF Output Power (ANT 0)	12.39	12.58	12.66	12.61	12.62	12.65
Mode	802.11n HT20 (dBm)					
Data Rate	MCS0					
Channel	100	116	120	124	132	140
Frequency (MHz)	5500	5580	5600	5620	5660	5700
RF Output Power (ANT 0)	12.03	12.11	12.41	12.23	12.26	12.67
Mode	802.11n HT40 (dBm)					
Data Rate	MCS0					
Channel	102	110	118	126	134	
Frequency (MHz)	5510	5670	5590	5630	5670	
RF Output Power (ANT 0)	10.21	10.29	10.37	10.43	12.15	

Mode	802.11a (dBm)					802.11n HT20 (dBm)					802.11n HT40 (dBm)	
Data Rate	6Mbps					MCS0					MCS0	
Channel	149	153	157	161	165	149	153	157	161	165	151	159
Frequency (MHz)	5745	5765	5785	5805	5825	5745	5765	5785	5805	5825	5755	5795
RF Output Power (ANT 0)	11.64	11.61	11.55	11.50	11.45	11.72	11.62	11.09	11.03	10.50	10.24	10.59

1.5 Bluetooth

Band	Bluetooth EDR (3Mbps)		
Channel	0	39	78
Frequency (MHz)	2402	2441	2480
RF Output Power (ANT 0)	6.13	6.61	6.3
Band	Bluetooth LE (1Mbps)		
Channel	0	19	39
Frequency (MHz)	2402	2440	2480
RF Output Power (ANT 0)	2.35	1.52	2.86

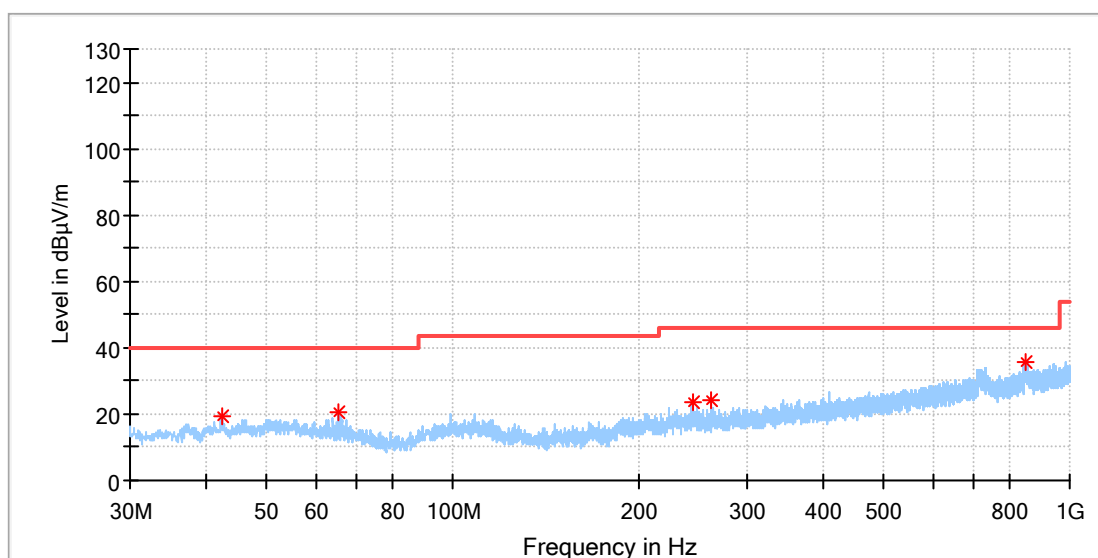
2. Radiated Spurious Emissions

2.1 Bluetooth, bleow 1GHz

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_High CH
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



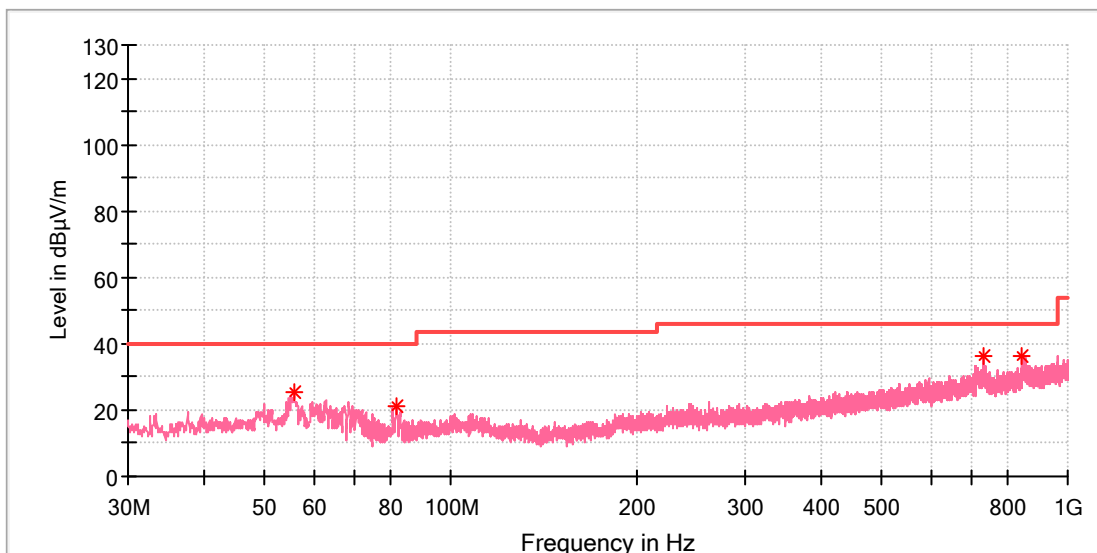
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.319000	19.21	---	40.00	20.79	100.0	H	104.0	-19.8
65.211000	20.31	---	40.00	19.69	100.0	H	348.0	-20.5
244.709500	23.74	---	46.00	22.26	100.0	H	330.0	-17.9
262.848500	24.46	---	46.00	21.54	100.0	H	47.0	-17.4
845.624500	35.94	---	46.00	10.06	100.0	H	330.0	-6.0

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: TX_BT_3DH5_High CH
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



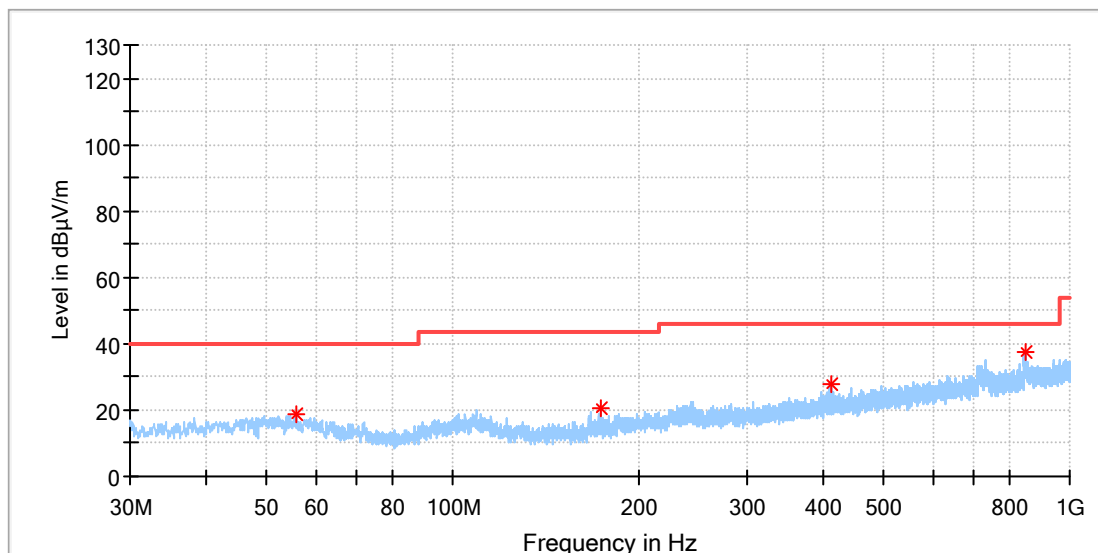
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
55.705000	25.16	---	40.00	14.84	100.0	V	218.0	-18.8
81.604000	21.23	---	40.00	18.77	100.0	V	336.0	-23.4
728.691000	36.26	---	46.00	9.74	100.0	V	248.0	-7.9
845.139500	36.01	---	46.00	9.99	100.0	V	304.0	-6.0

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_Low CH
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



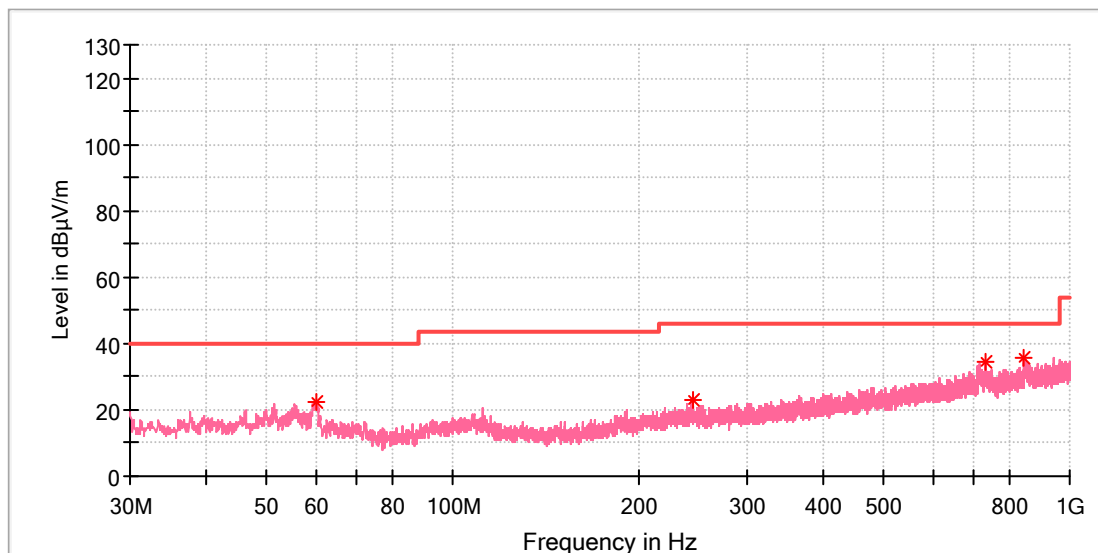
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
55.753500	18.89	---	40.00	21.11	100.0	H	181.0	-18.8
173.414500	20.38	---	43.50	23.12	100.0	H	315.0	-21.4
409.561000	27.66	---	46.00	18.34	100.0	H	101.0	-13.9
845.236500	37.28	---	46.00	8.72	100.0	H	66.0	-6.0

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: TX_BT_3DH5_High CH
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

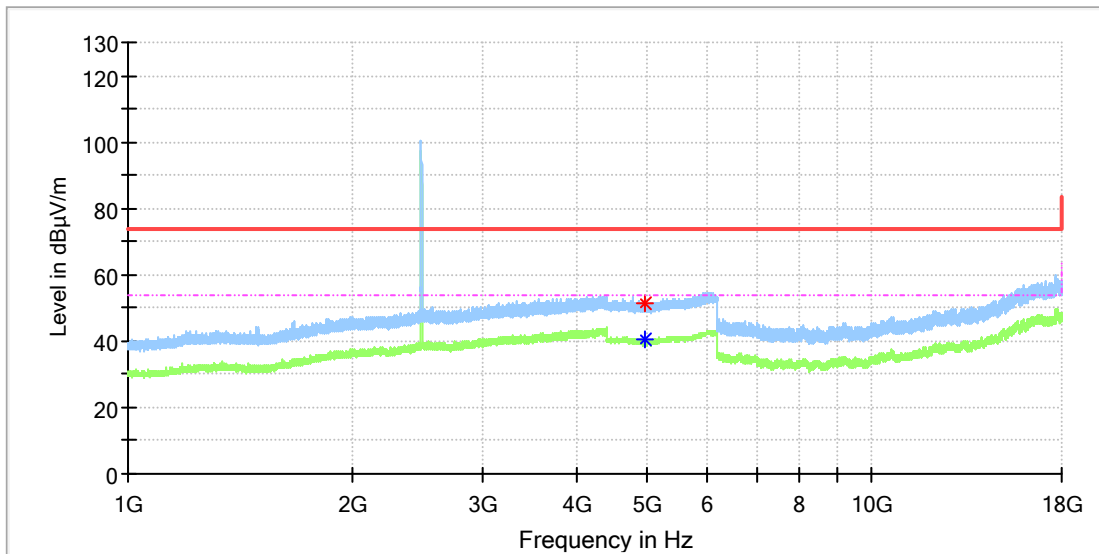
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
60.264000	22.55	---	40.00	17.45	100.0	V	218.0	-19.4
244.321500	23.01	---	46.00	22.99	100.0	V	111.0	-17.9
728.885000	34.33	---	46.00	11.67	100.0	V	279.0	-7.9
844.897000	35.51	---	46.00	10.49	100.0	V	102.0	-6.0

2.2 Bluetooth, above 1GHz

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: TX_BT_3DH5_High CH
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



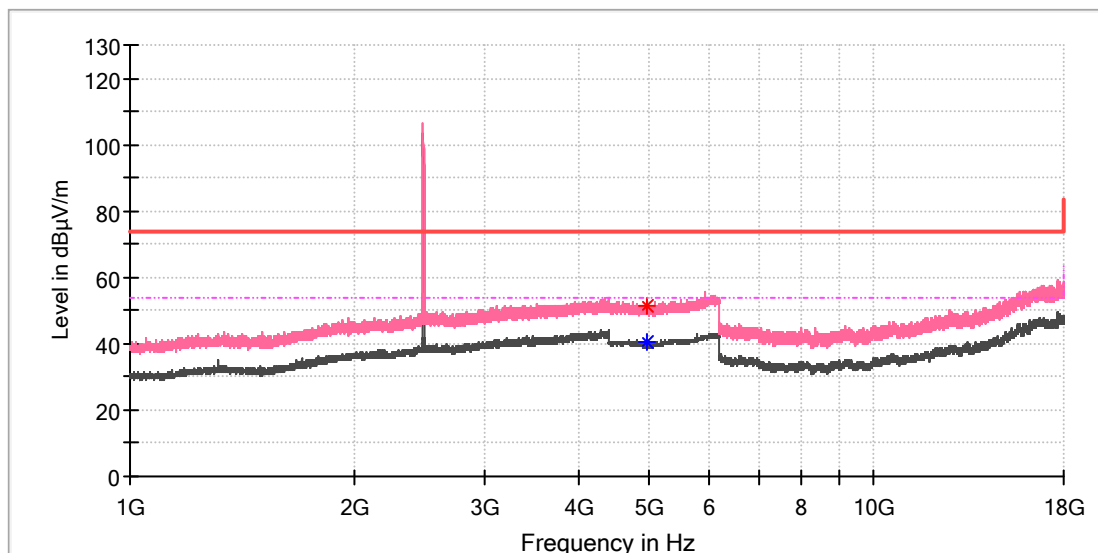
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4960.000000	---	40.55	54.00	13.45	100.0	H	335.0	13.2
4960.500000	51.26	---	74.00	22.74	100.0	H	335.0	13.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_High CH
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



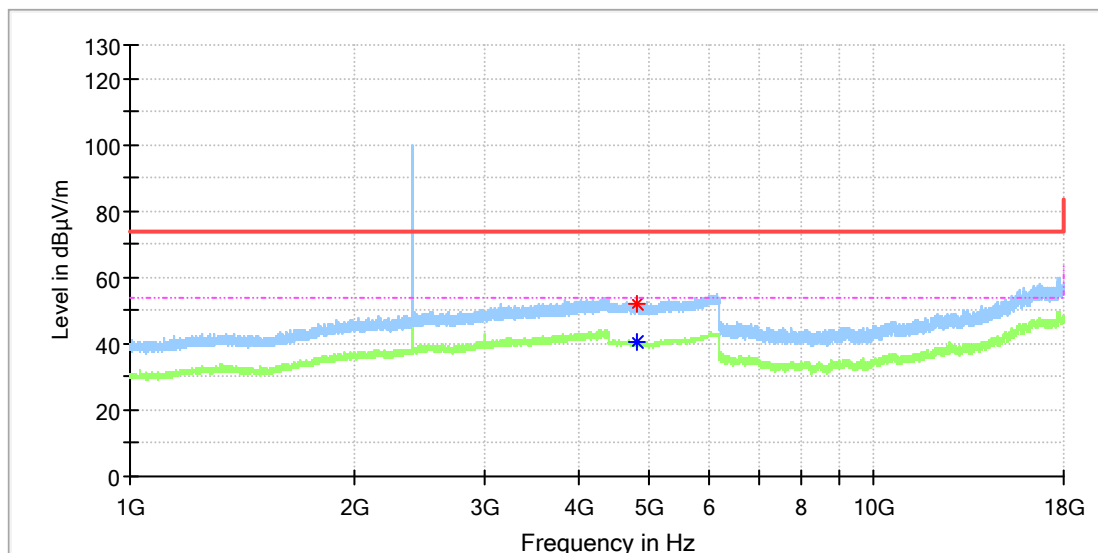
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4958.500000	---	40.36	54.00	13.64	100.0	V	78.0	13.2
4961.000000	51.46	---	74.00	22.55	100.0	V	221.0	13.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_Low CH
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



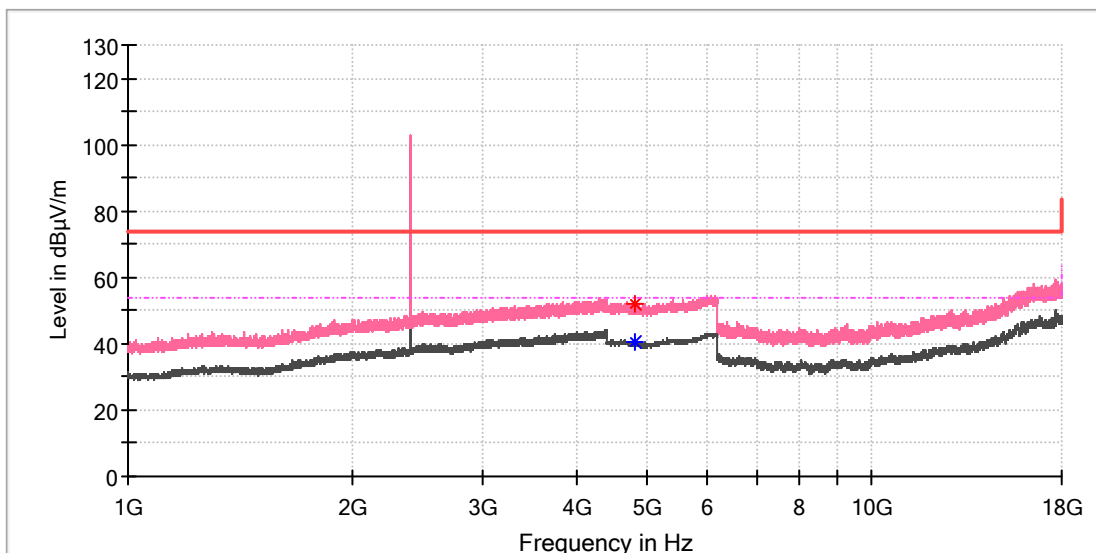
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4800.000000	51.92	---	74.00	22.08	100.0	H	34.0	13.6
4804.000000	---	40.38	54.00	13.62	100.0	H	69.0	13.6

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_Low CH
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



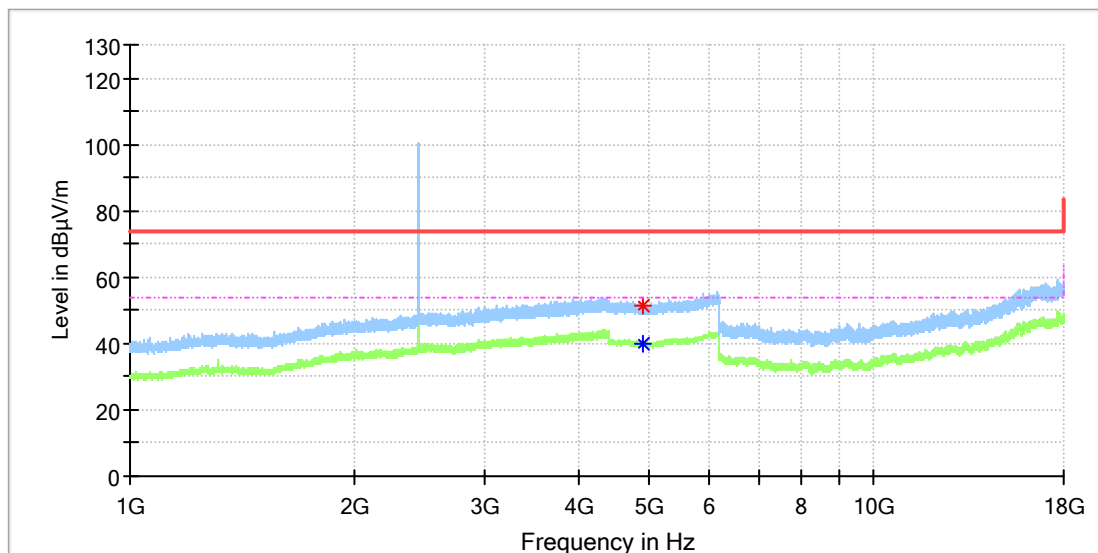
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.000000	---	40.36	54.00	13.64	100.0	V	22.0	13.6
4815.500000	51.92	---	74.00	22.08	100.0	V	22.0	13.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_Mid CH
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



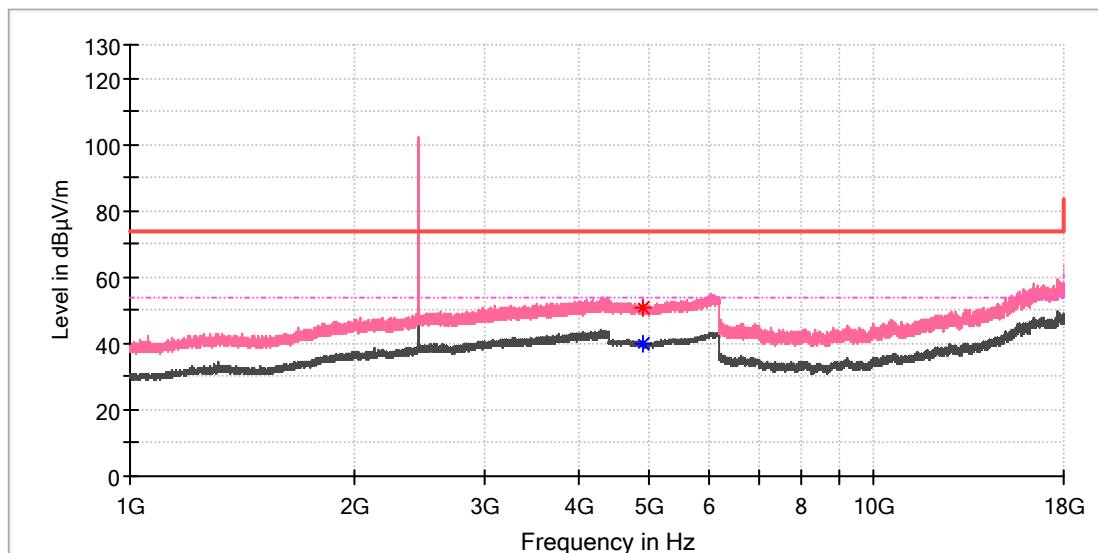
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4881.000000	51.50	---	74.00	22.50	100.0	H	116.0	13.4
4888.000000	---	39.87	54.00	14.13	100.0	H	43.0	13.3

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_Mid CH
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

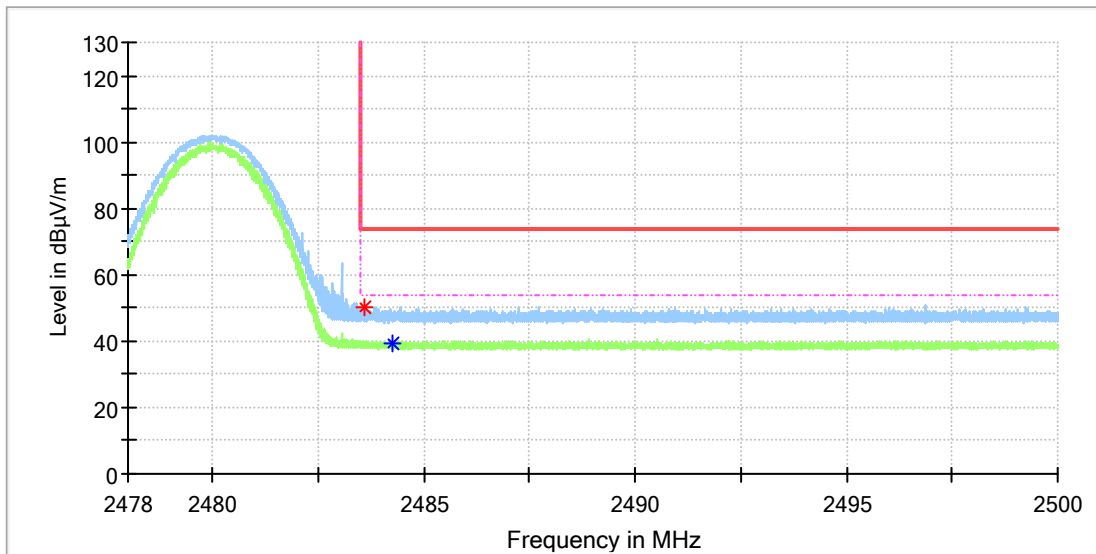
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4879.500000	---	39.65	54.00	14.35	100.0	V	302.0	13.4
4887.000000	50.92	---	74.00	23.08	100.0	V	277.0	13.3

2.3 Bluetooth, bandedge

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_High CH
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



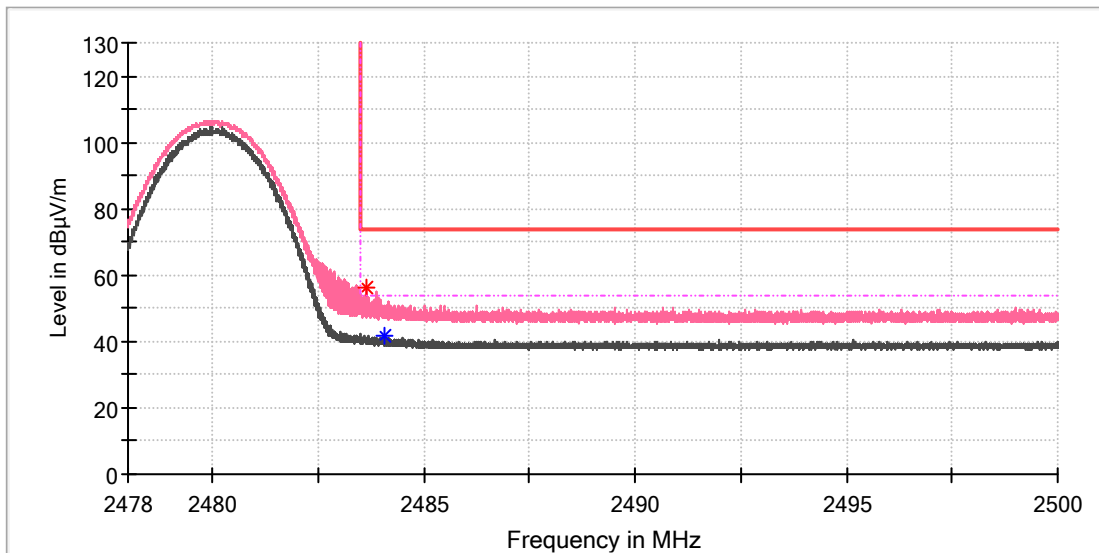
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.618250	50.41	---	74.00	23.59	100.0	H	289.0	7.4
2484.239750	---	39.47	54.00	14.53	100.0	H	351.0	7.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	TX_BT_3DH5_High CH
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



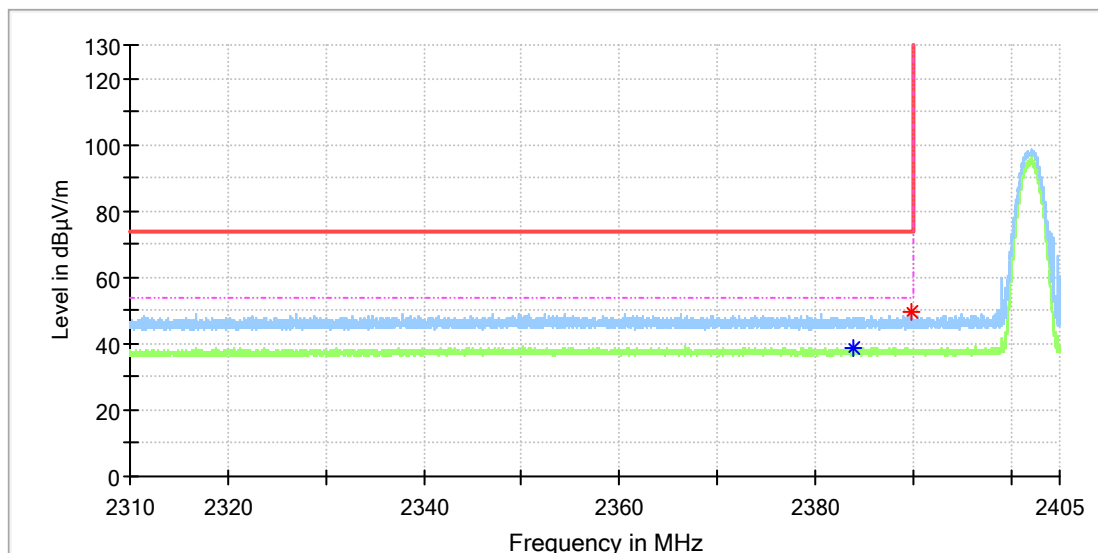
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.643000	56.51	---	74.00	17.49	100.0	V	187.0	7.4
2484.074750	---	41.85	54.00	12.15	100.0	V	10.0	7.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: TX_BT_3DH5_Low CH
Test Voltage:: Battery
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



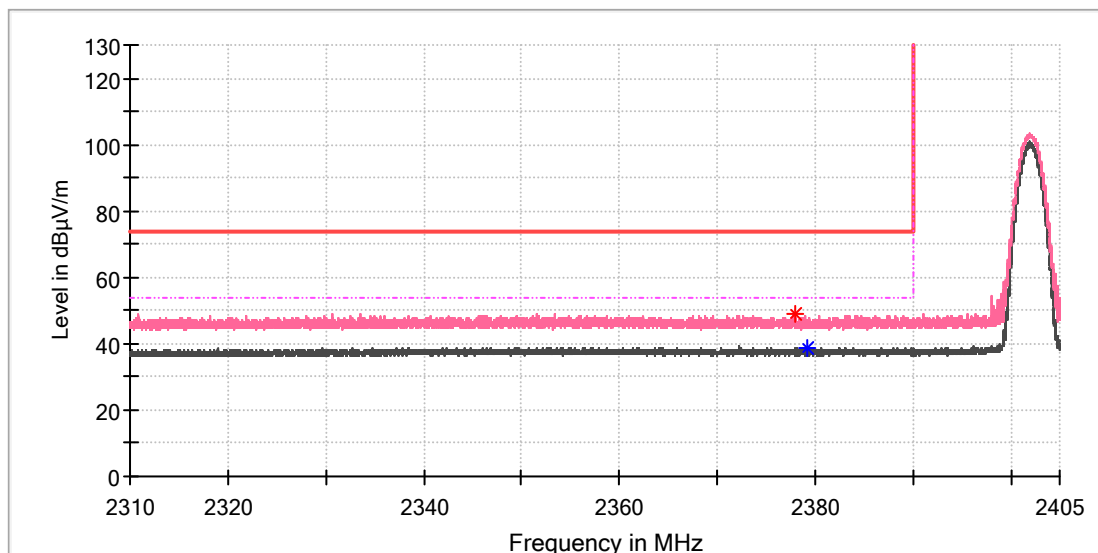
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.832813	---	38.92	54.00	15.08	100.0	H	26.0	7.0
2389.823750	49.40	---	74.00	24.60	100.0	H	26.0	7.0

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: TX_BT_3DH5_Low CH
Test Voltage:: Battery
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

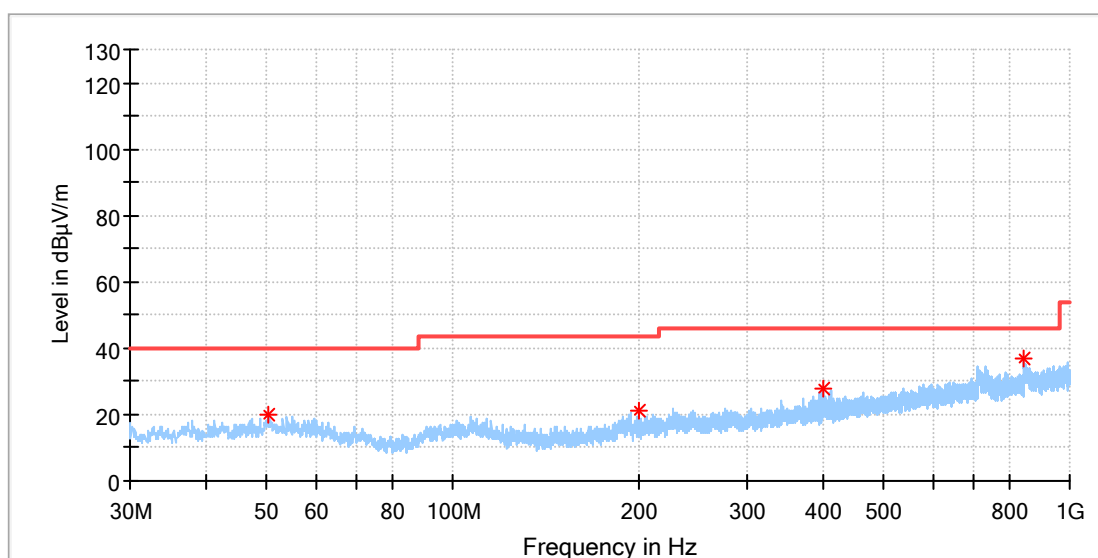
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2378.008125	49.19	---	74.00	24.81	100.0	V	93.0	6.9
2379.260938	---	38.82	54.00	15.18	100.0	V	111.0	7.0

2.4 WiFi, 2.4GHz, below 1GHz

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_High Channel
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



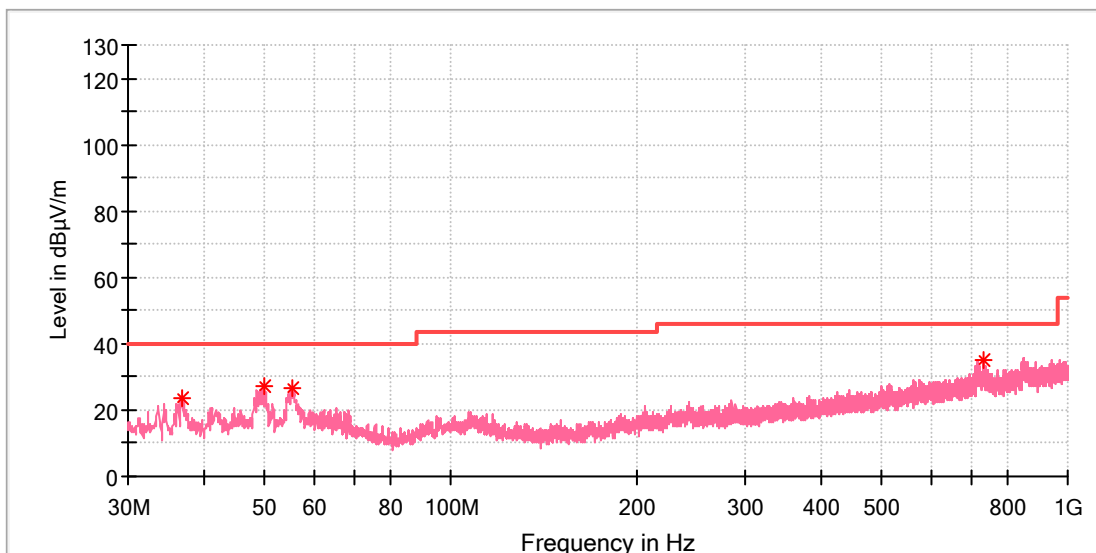
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.370000	20.09	---	40.00	19.91	100.0	H	289.0	-18.6
199.944000	21.27	---	43.50	22.23	100.0	H	298.0	-19.3
399.958000	27.72	---	46.00	18.28	100.0	H	289.0	-14.1
844.848500	37.15	---	46.00	8.85	100.0	H	153.0	-6.0

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_High Channel
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



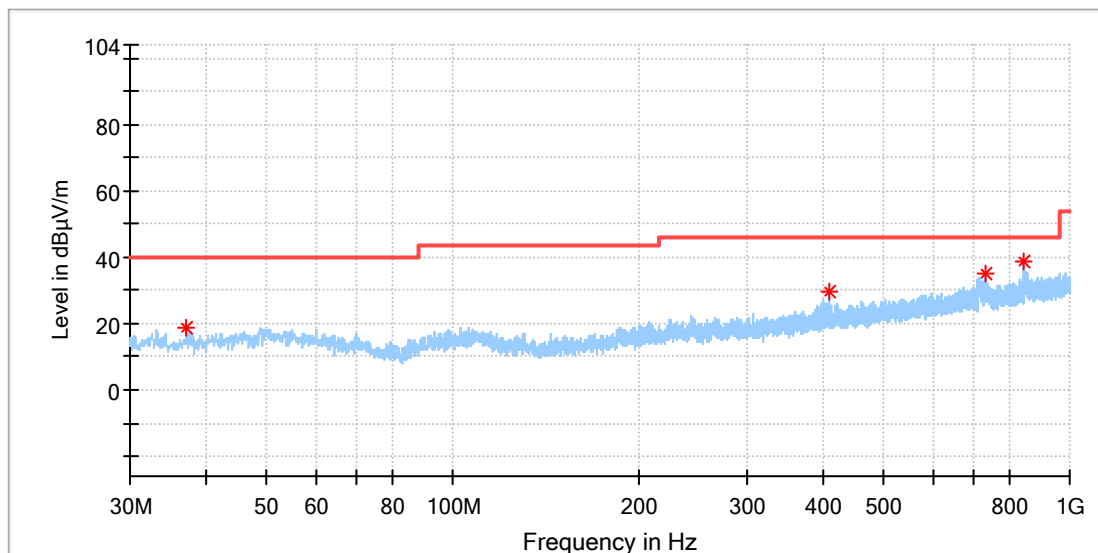
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
36.596000	23.71	---	40.00	16.29	100.0	V	15.0	-21.6
49.982000	26.95	---	40.00	13.05	100.0	V	227.0	-18.6
55.220000	26.71	---	40.00	13.29	100.0	V	236.0	-18.8
729.176000	34.93	---	46.00	11.07	100.0	V	128.0	-7.9

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11b_Low Channel
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



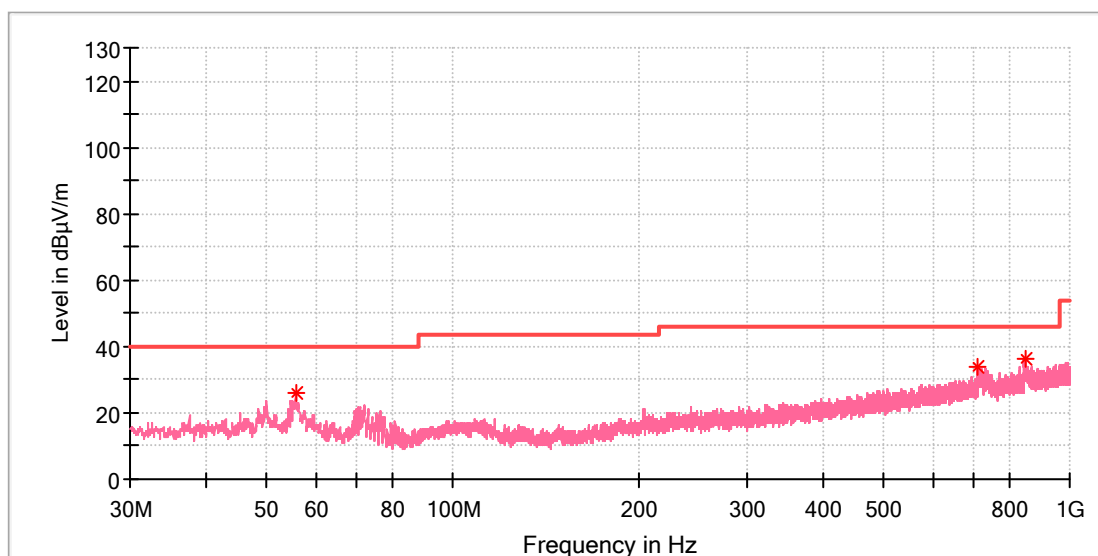
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.081000	18.69	---	40.00	21.31	100.0	H	164.0	-21.4
406.360000	29.90	---	46.00	16.10	100.0	H	249.0	-14.0
728.642500	34.85	---	46.00	11.15	100.0	H	228.0	-7.9
844.945500	38.79	---	46.00	7.21	100.0	H	21.0	-6.0

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11b_Low Channel
Test Voltage:: 120V/60Hz
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

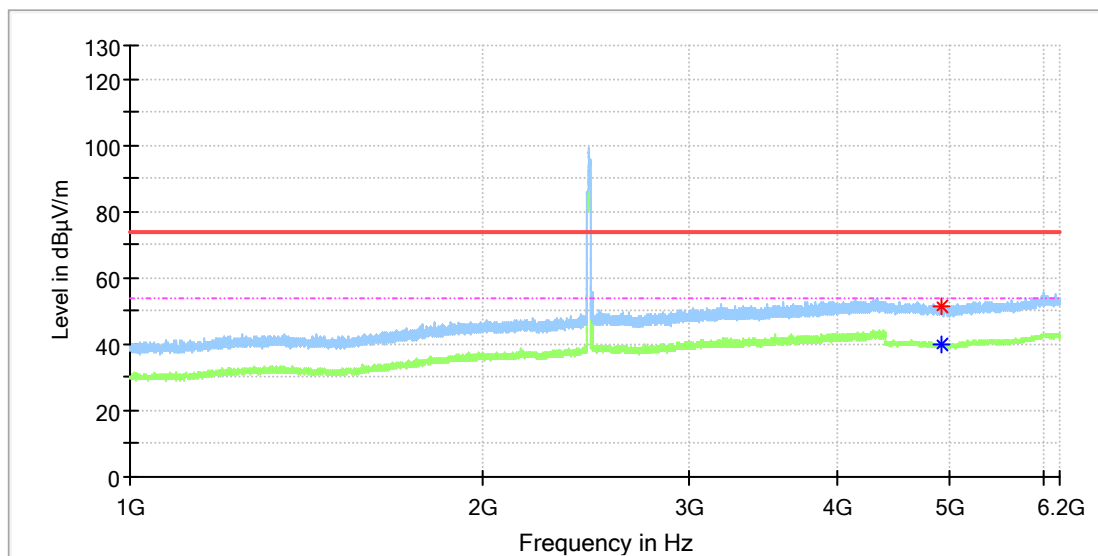
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
55.656500	25.81	---	40.00	14.19	100.0	V	239.0	-18.8
709.727500	33.64	---	46.00	12.36	100.0	V	0.0	-8.3
845.867000	36.05	---	46.00	9.95	100.0	V	223.0	-6.0

2.5 WiFi, 2.4GHz, 802.11b, above 1GHz

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



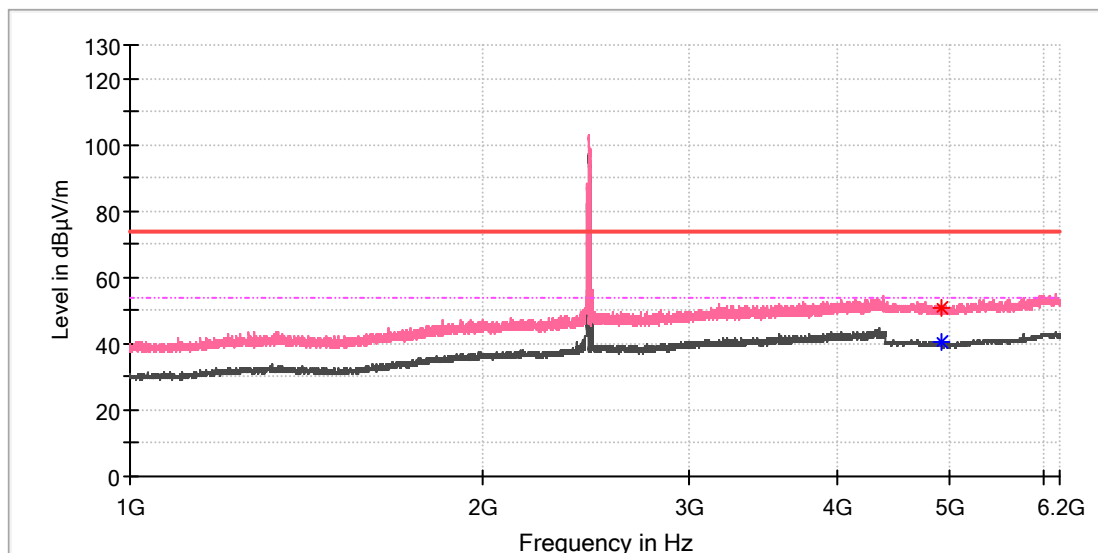
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4922.000000	---	40.02	54.00	13.98	100.0	H	263.0	13.3
4922.500000	51.52	---	74.00	22.48	100.0	H	318.0	13.3

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11b_High Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



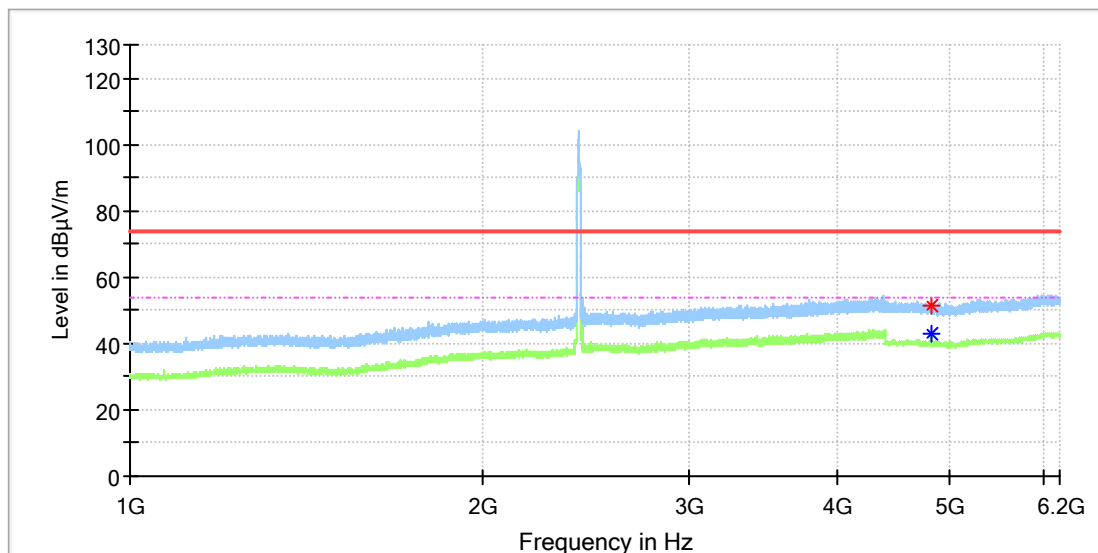
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.000000	50.97	---	74.00	23.03	100.0	V	236.0	13.3
4924.500000	---	40.70	54.00	13.30	100.0	V	215.0	13.3

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



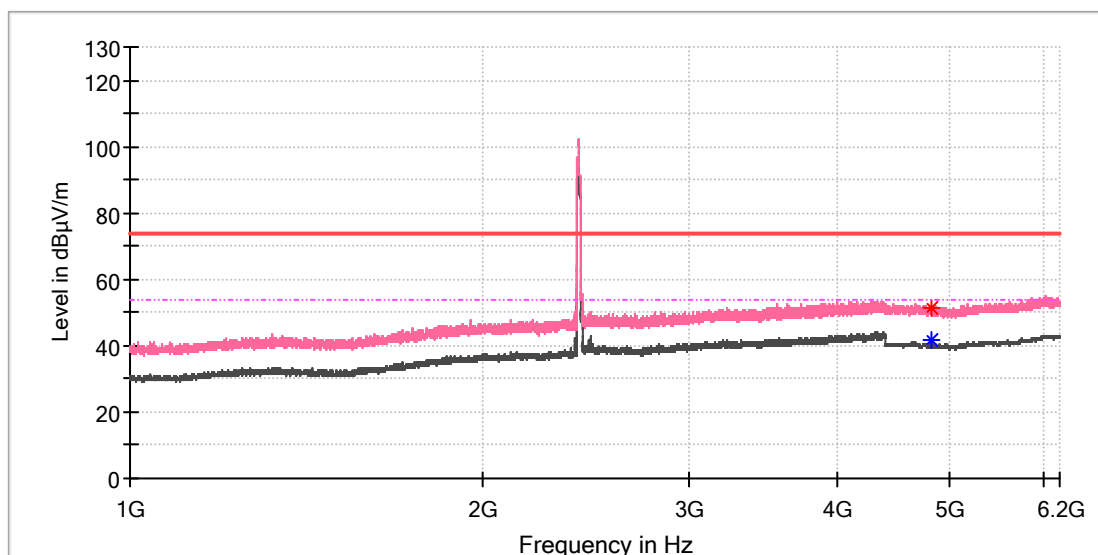
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	51.22	---	74.00	22.78	100.0	H	227.0	13.5
4824.000000	---	43.02	54.00	10.98	100.0	H	227.0	13.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



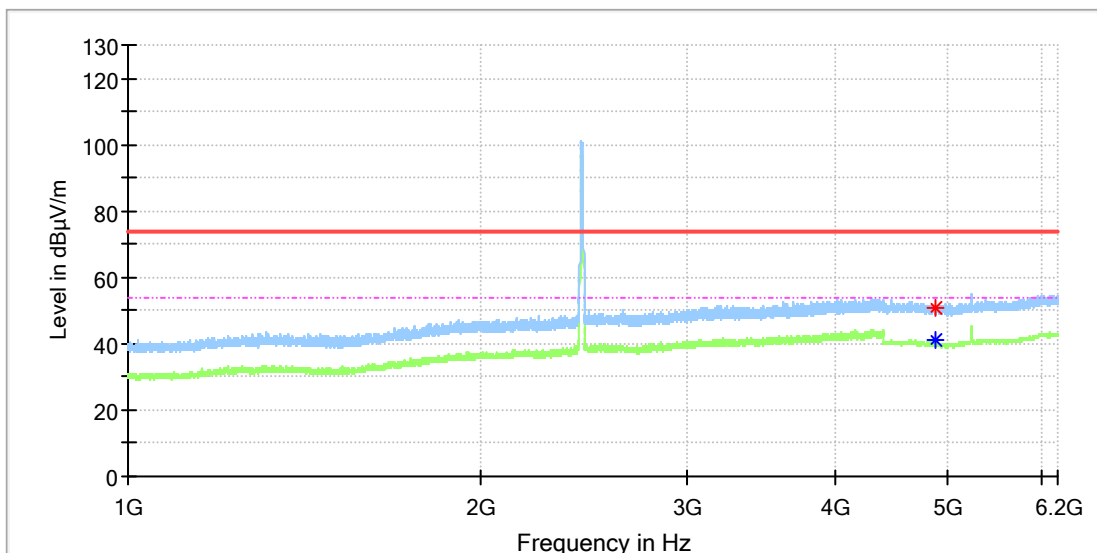
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4823.500000	---	41.81	54.00	12.19	100.0	V	271.0	13.5
4825.500000	51.11	---	74.00	22.89	100.0	V	147.0	13.5

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11b_Mid Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



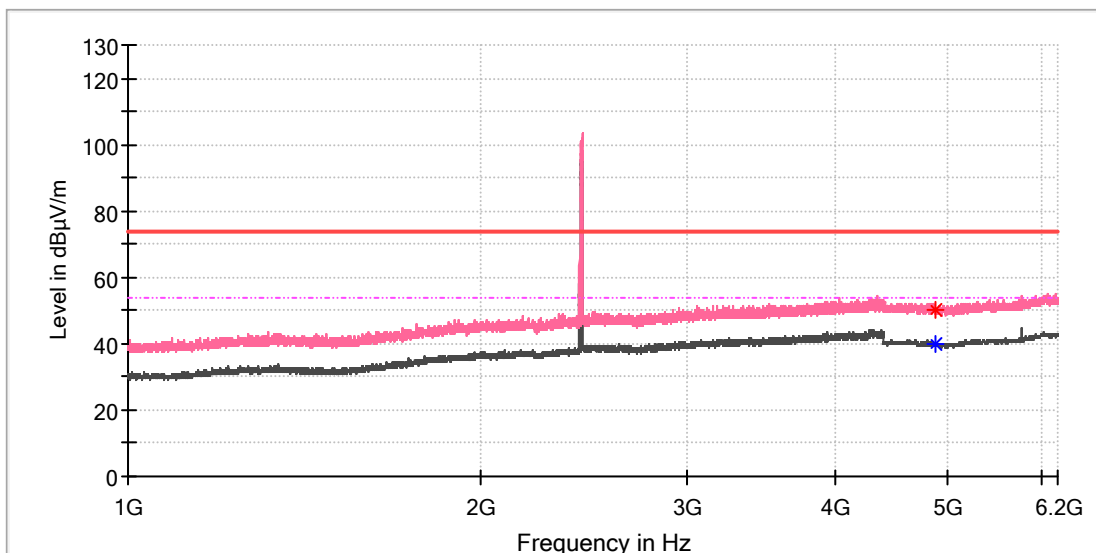
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	41.22	54.00	12.78	100.0	H	296.0	13.4
4875.500000	50.71	---	74.00	23.29	100.0	H	239.0	13.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



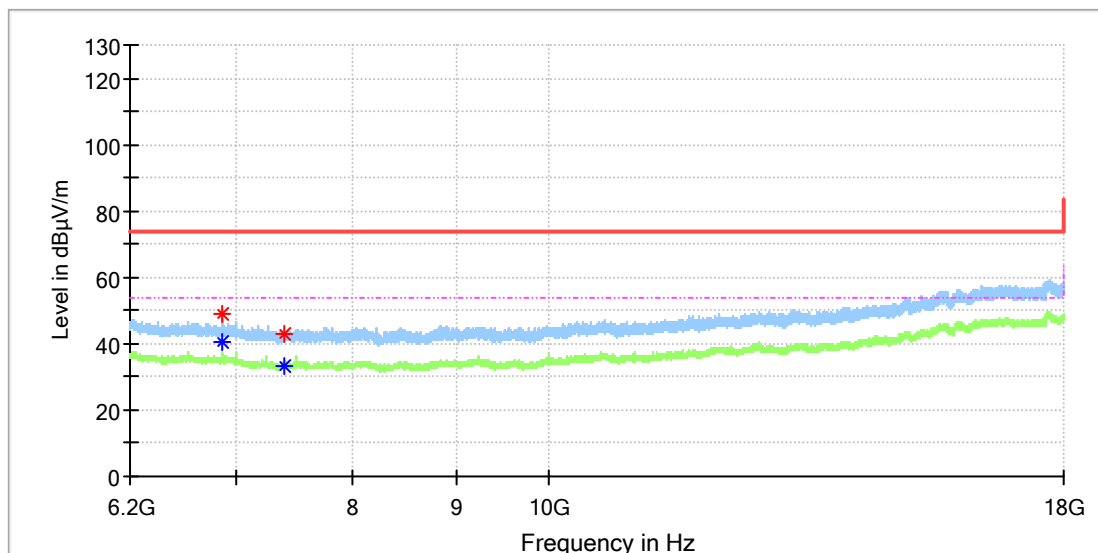
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.000000	---	40.18	54.00	13.82	100.0	V	186.0	13.4
4874.000000	50.05	---	74.00	23.95	100.0	V	251.0	13.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11b_High Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



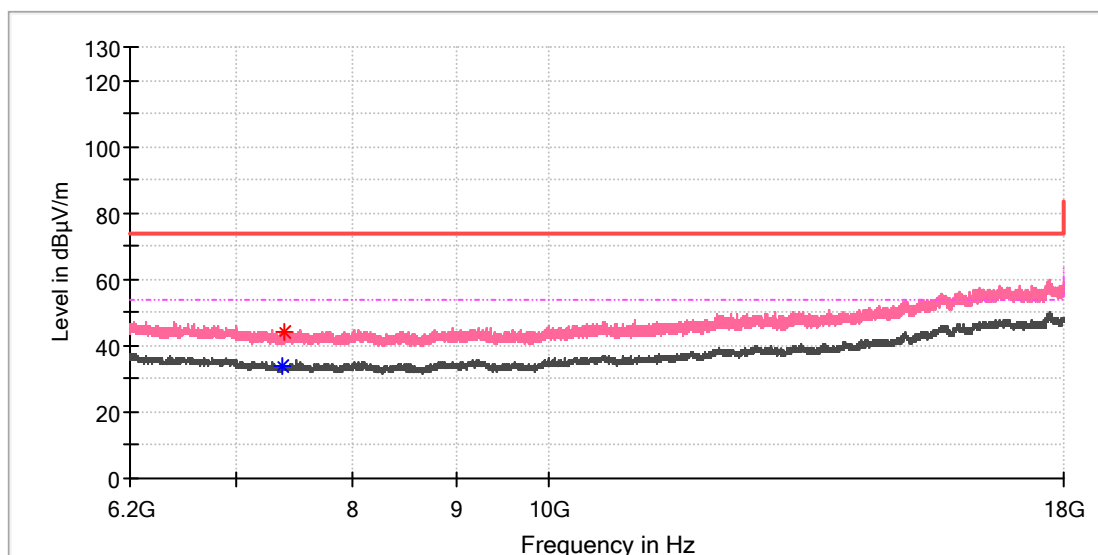
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6890.300000	---	40.66	54.00	13.34	100.0	H	120.0	8.6
6890.300000	48.82	---	74.00	25.18	100.0	H	120.0	8.6
7386.391667	43.11	---	74.00	30.89	100.0	H	331.0	8.2
7386.391667	---	33.53	54.00	20.47	100.0	H	331.0	8.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



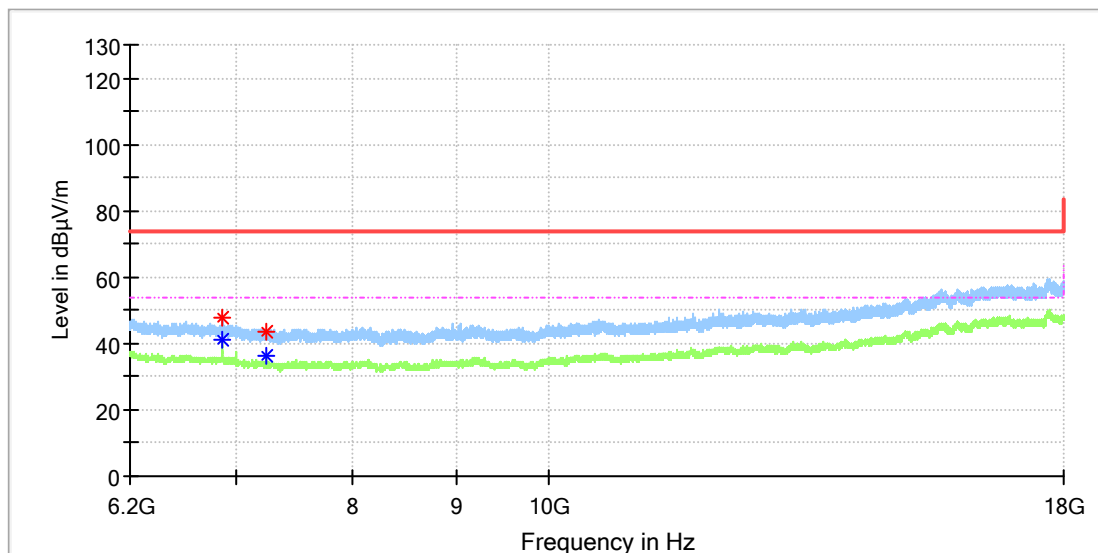
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7383.933333	---	33.91	54.00	20.09	100.0	V	122.0	8.2
7386.391667	44.04	---	74.00	29.96	100.0	V	268.0	8.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



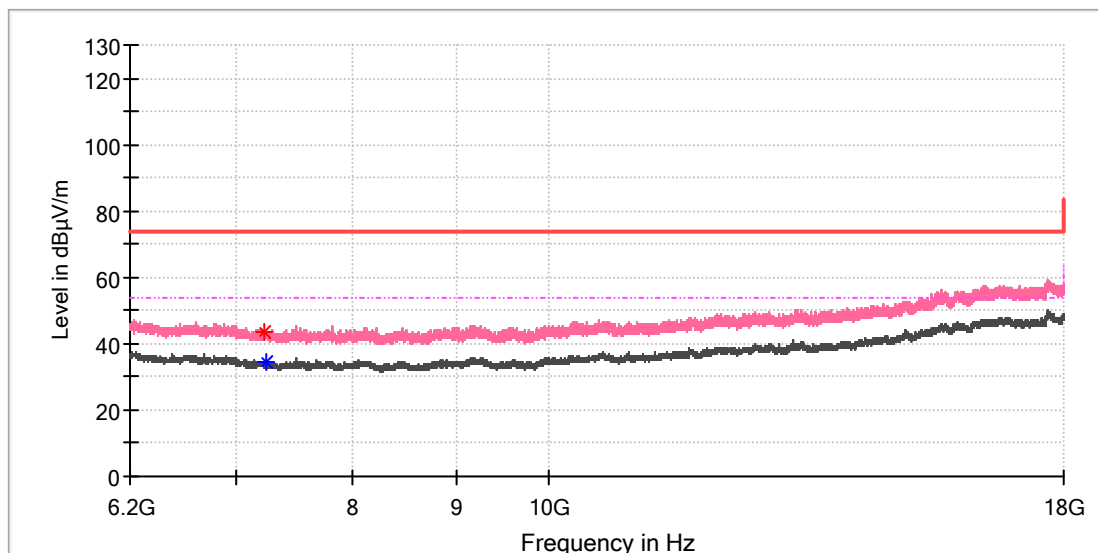
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6886.858333	48.05	---	74.00	25.95	100.0	H	103.0	8.6
6888.825000	---	41.34	54.00	12.66	100.0	H	235.0	8.6
7249.708333	43.77	---	74.00	30.23	100.0	H	149.0	8.5
7249.708333	---	36.08	54.00	17.92	100.0	H	149.0	8.5

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11b_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



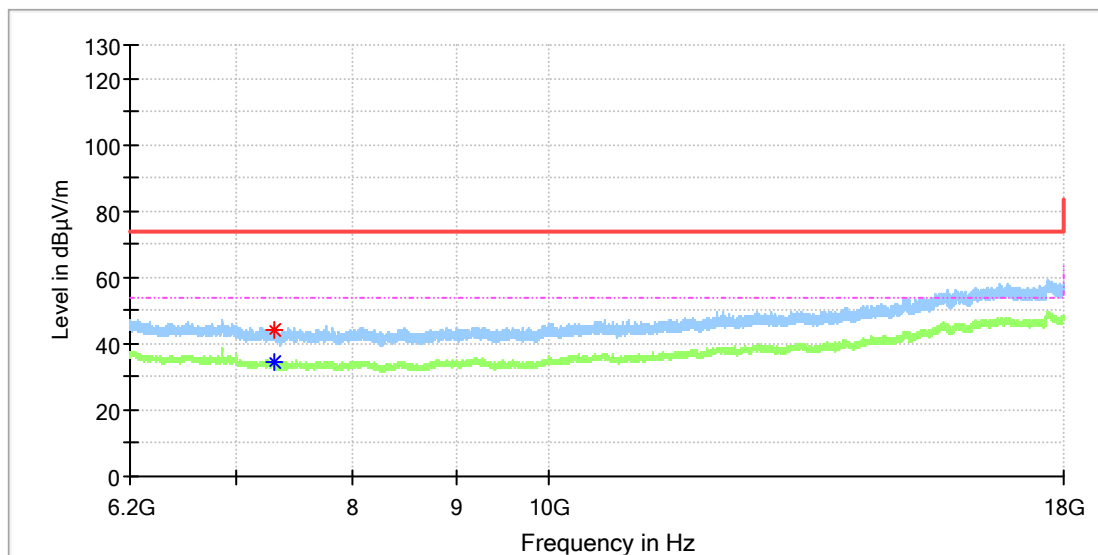
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7232.500000	43.65	---	74.00	30.35	100.0	V	187.0	8.6
7238.891667	---	34.34	54.00	19.66	100.0	V	172.0	8.6

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



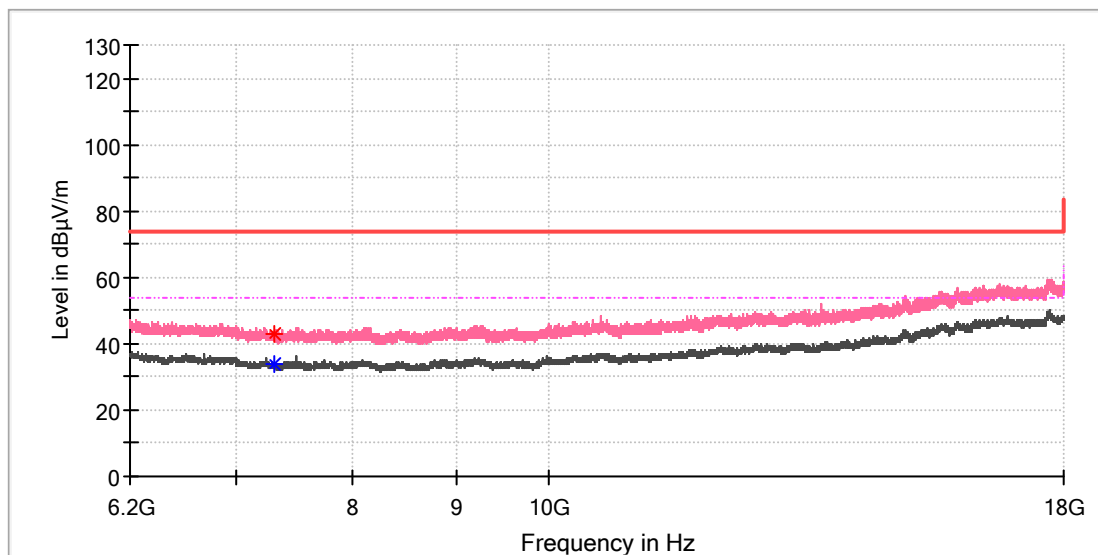
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.741667	43.93	---	74.00	30.07	100.0	H	278.0	8.3
7311.658333	---	34.23	54.00	19.77	100.0	H	0.0	8.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

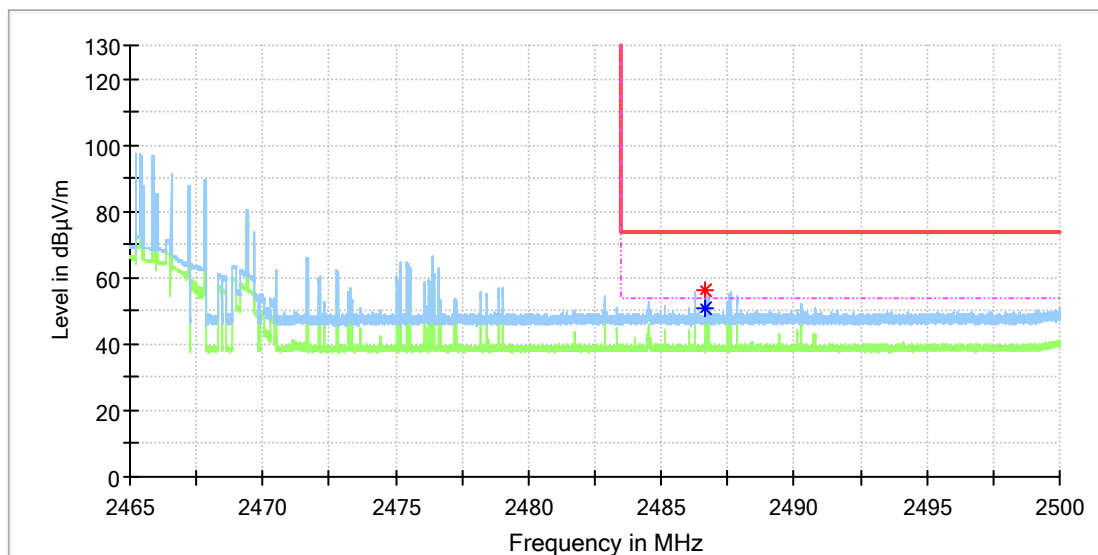
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.691667	43.18	---	74.00	30.82	100.0	V	77.0	8.2
7310.675000	---	33.80	54.00	20.20	100.0	V	219.0	8.2

2.6 WiFi, 2.4GHz, 802.11b, bandedge

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



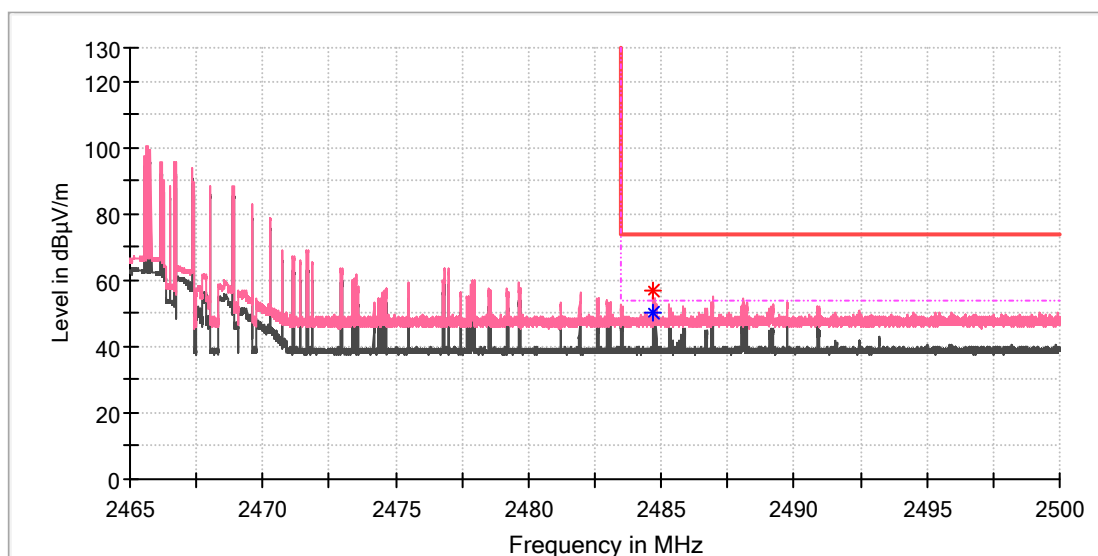
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.665000	---	50.50	54.00	3.50	100.0	H	245.0	7.4
2486.675938	56.26	---	74.00	17.74	100.0	H	245.0	7.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



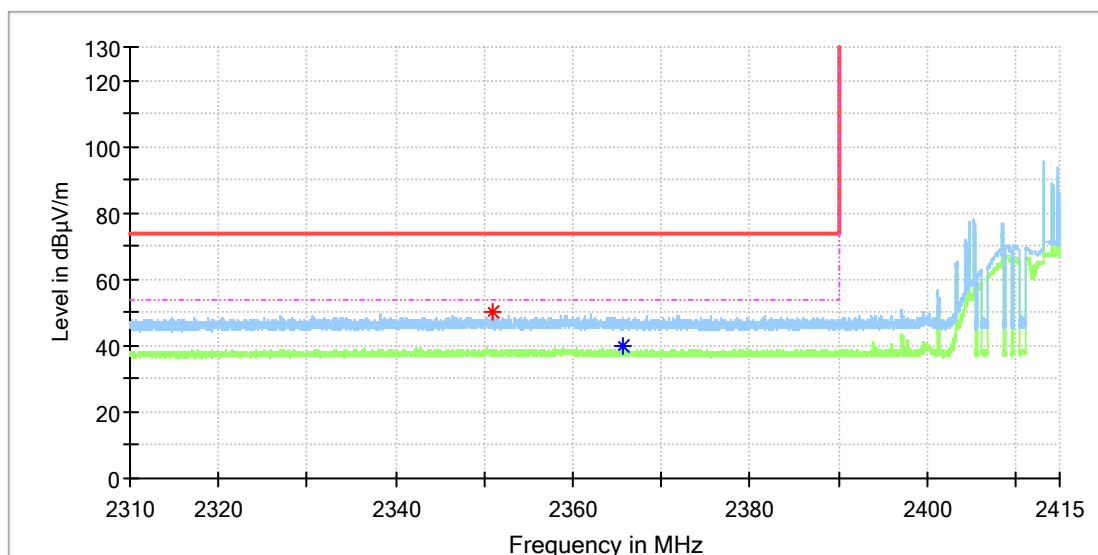
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.715938	---	50.34	54.00	3.66	100.0	V	276.0	7.4
2484.720313	56.89	---	74.00	17.11	100.0	V	276.0	7.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



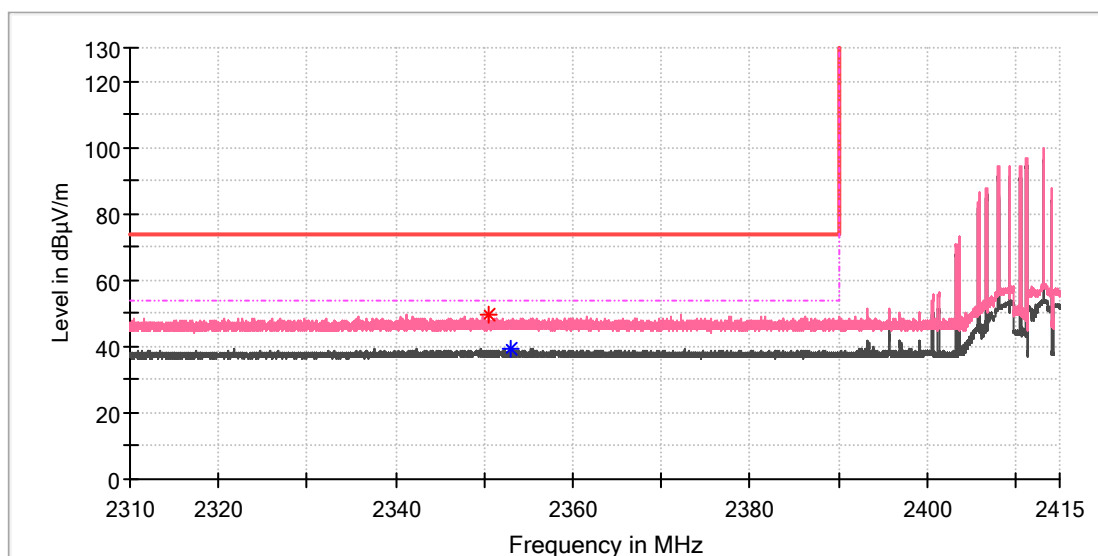
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.936875	49.94	---	74.00	24.06	100.0	H	195.0	6.9
2365.781250	---	39.67	54.00	14.33	100.0	H	38.0	6.9

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11b_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

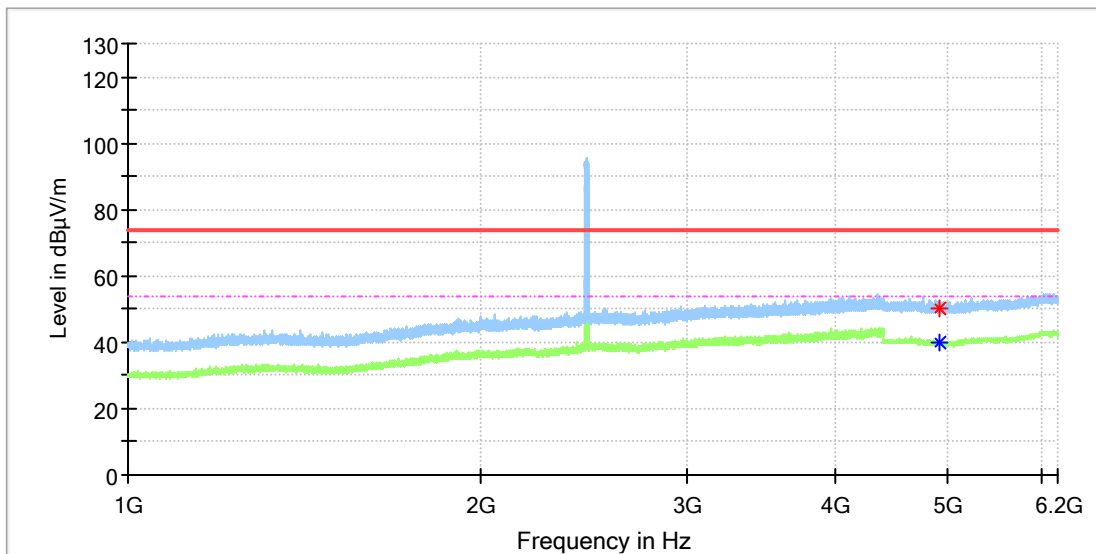
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.490625	49.81	---	74.00	24.19	100.0	V	167.0	6.9
2353.069688	---	39.50	54.00	14.50	100.0	V	19.0	6.9

2.7 WiFi, 2.4GHz, 802.11g, above 1GHz

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



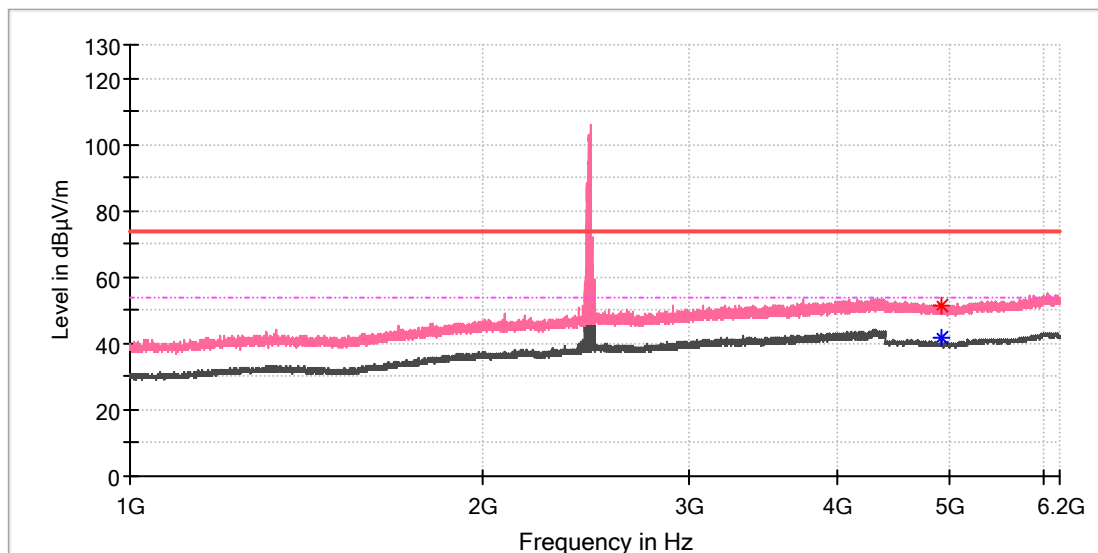
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.000000	---	39.86	54.00	14.14	100.0	H	232.0	13.3
4924.500000	50.40	---	74.00	23.60	100.0	H	359.0	13.3

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11g_High Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



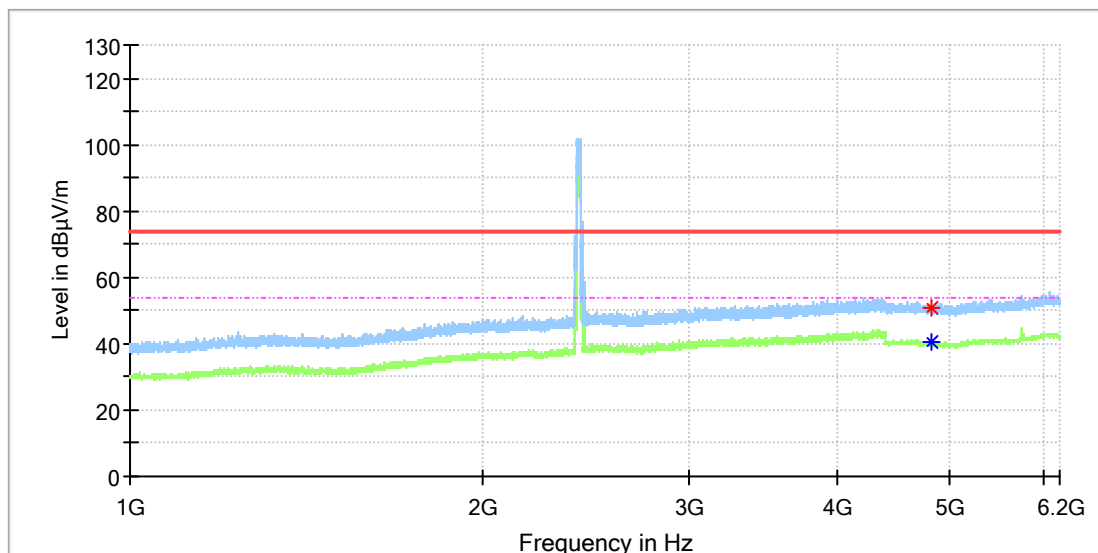
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.000000	51.29	---	74.00	22.71	100.0	V	266.0	13.3
4923.500000	---	41.92	54.00	12.08	100.0	V	210.0	13.3

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11g_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



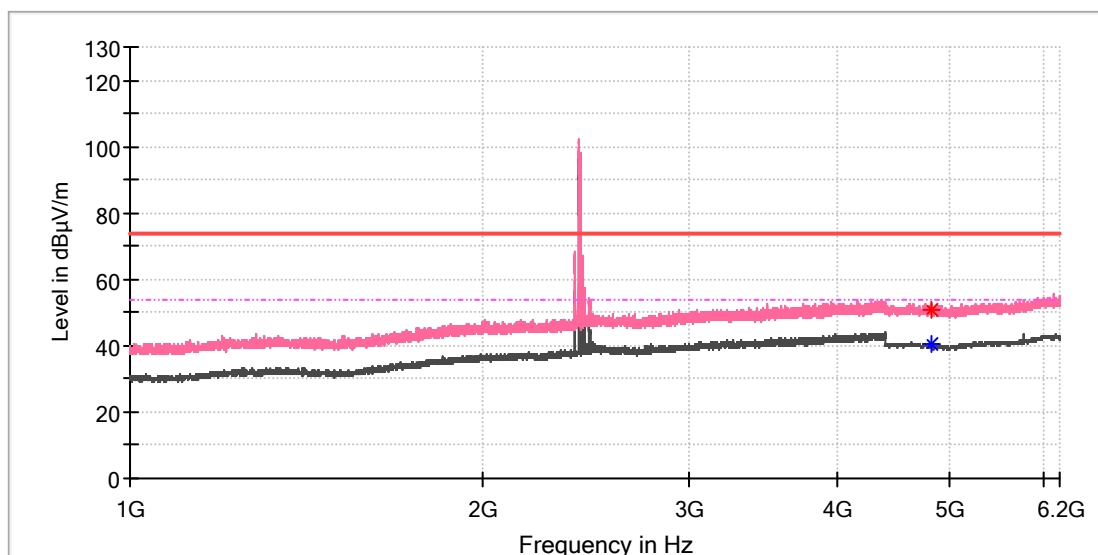
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4820.500000	---	40.35	54.00	13.65	100.0	H	246.0	13.5
4821.000000	51.03	---	74.00	22.97	100.0	H	239.0	13.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



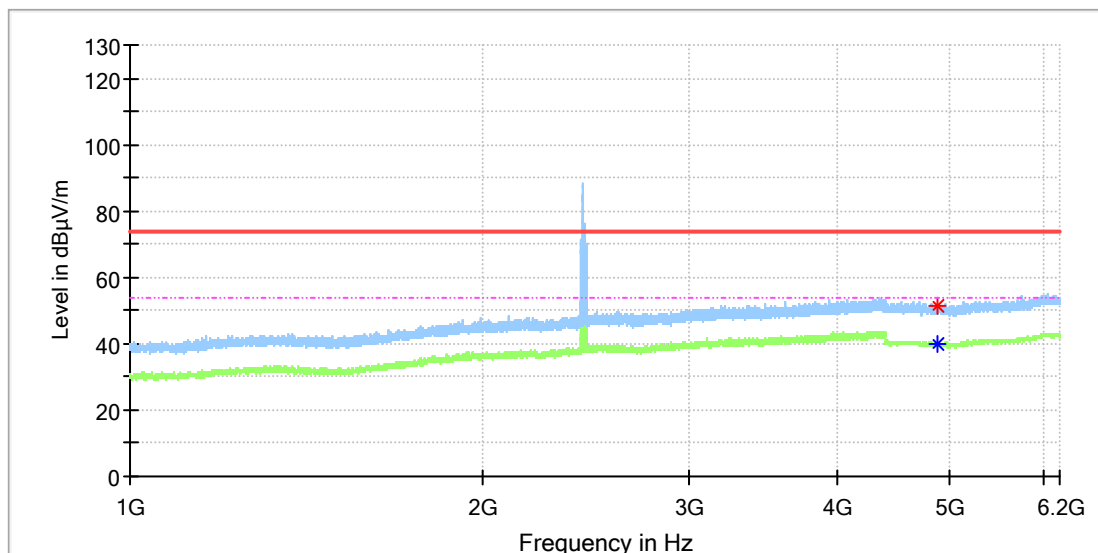
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4822.500000	---	40.38	54.00	13.62	100.0	V	358.0	13.5
4825.000000	51.07	---	74.00	22.93	100.0	V	197.0	13.5

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11g_Mid Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



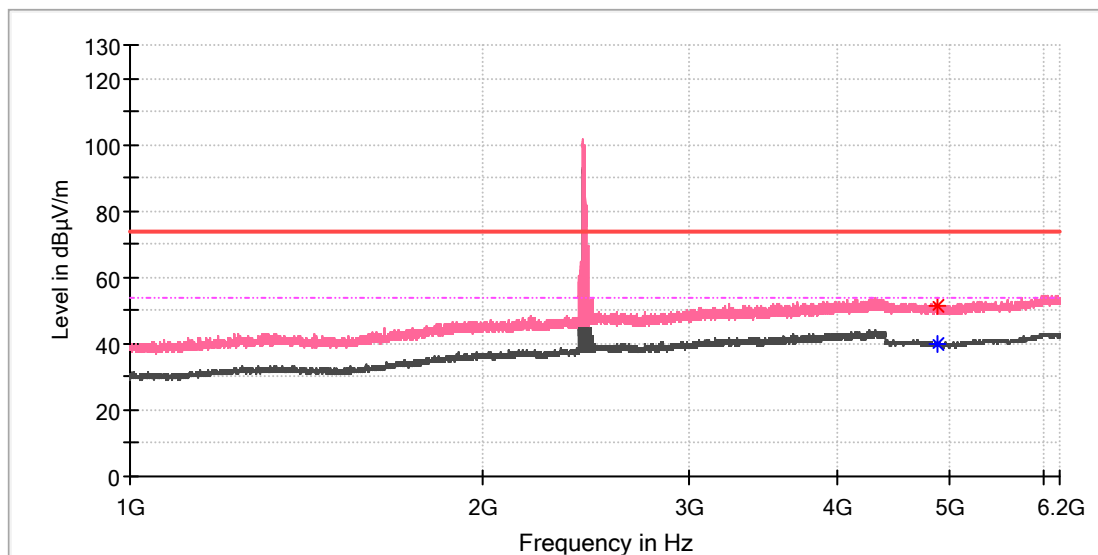
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	---	39.85	54.00	14.15	100.0	H	257.0	13.4
4877.000000	51.44	---	74.00	22.56	100.0	H	228.0	13.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



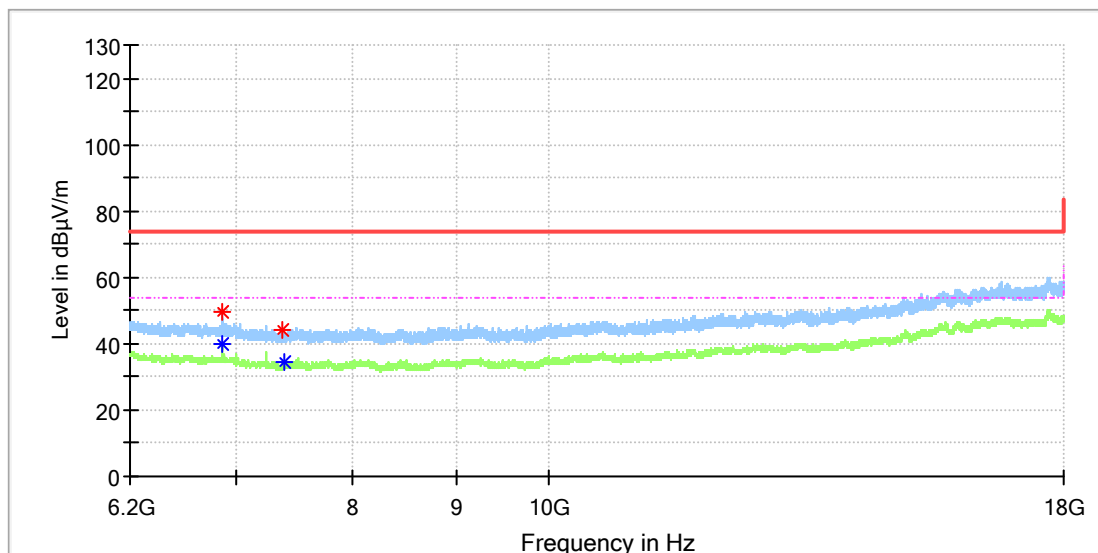
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	51.17	---	74.00	22.83	100.0	V	241.0	13.4
4876.000000	---	40.00	54.00	14.00	100.0	V	227.0	13.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11g_High Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



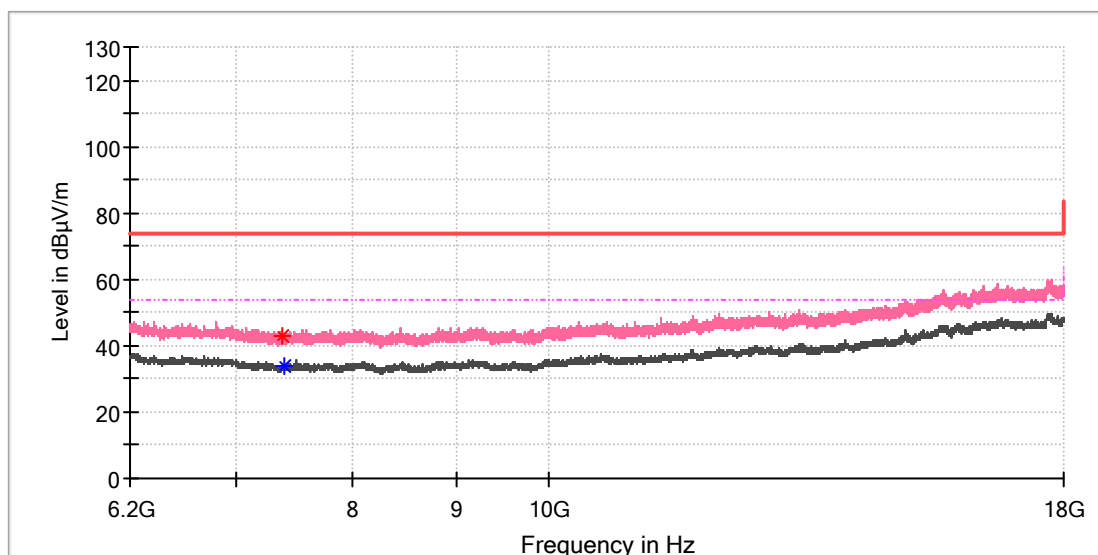
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6892.758333	49.83	---	74.00	24.17	100.0	H	83.0	8.6
6892.758333	---	40.02	54.00	13.98	100.0	H	83.0	8.6
7373.116667	43.86	---	74.00	30.14	100.0	H	97.0	8.2
7387.375000	---	34.25	54.00	19.75	100.0	H	263.0	8.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



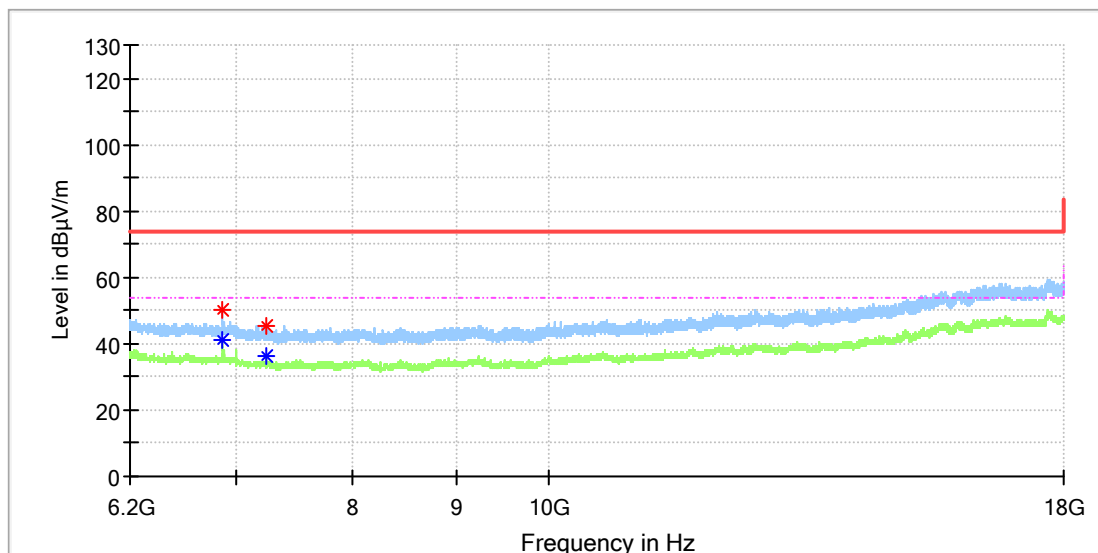
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7376.066667	43.02	---	74.00	30.98	100.0	V	359.0	8.2
7389.341667	---	33.66	54.00	20.34	100.0	V	126.0	8.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



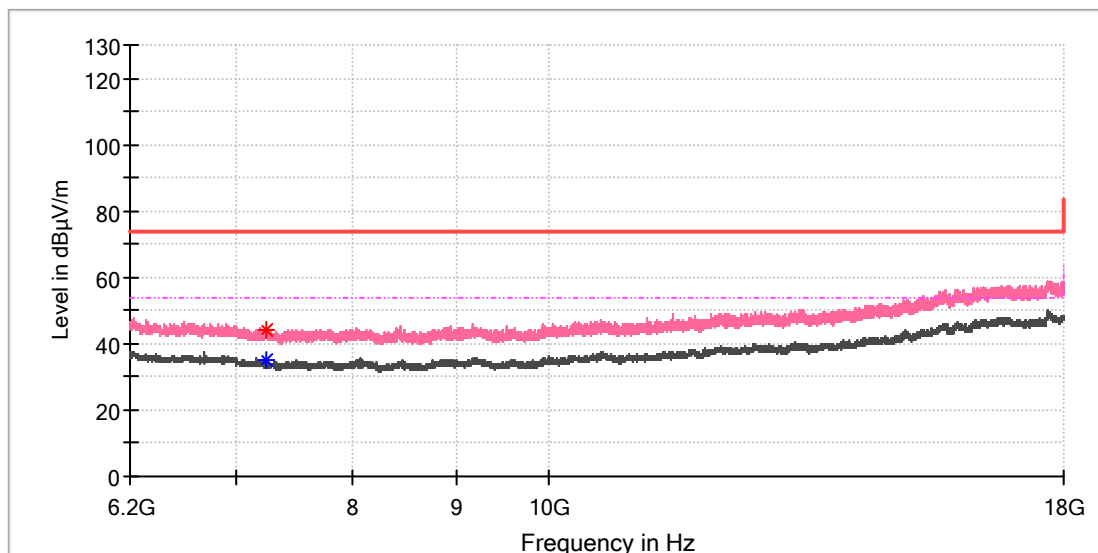
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6893.250000	---	41.28	54.00	12.72	100.0	H	176.0	8.6
6894.233333	50.16	---	74.00	23.84	100.0	H	66.0	8.6
7249.708333	45.45	---	74.00	28.55	100.0	H	0.0	8.5
7249.708333	---	36.58	54.00	17.42	100.0	H	0.0	8.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



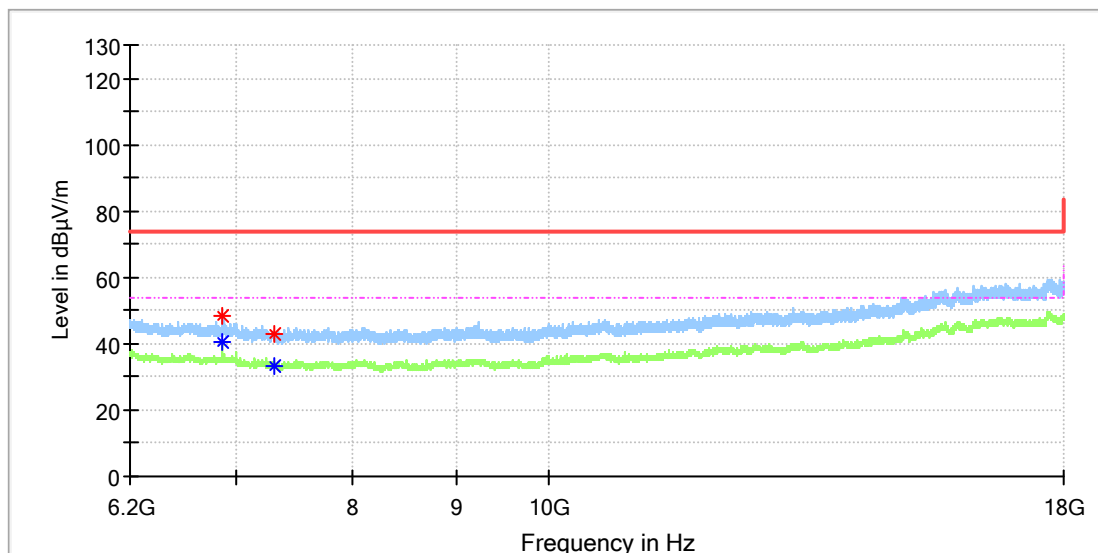
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7241.841667	43.87	---	74.00	30.13	100.0	V	257.0	8.6
7249.216667	---	35.23	54.00	18.77	100.0	V	185.0	8.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



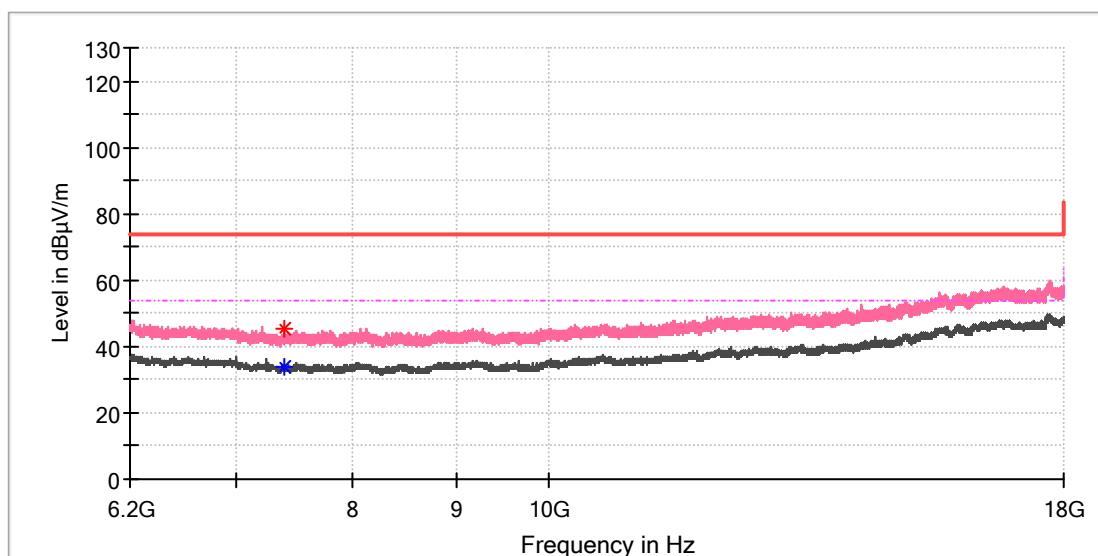
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6892.266667	48.66	---	74.00	25.34	100.0	H	0.0	8.6
6893.250000	---	40.42	54.00	13.58	100.0	H	125.0	8.6
7310.183333	43.02	---	74.00	30.98	100.0	H	334.0	8.2
7310.183333	---	33.44	54.00	20.56	100.0	H	334.0	8.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

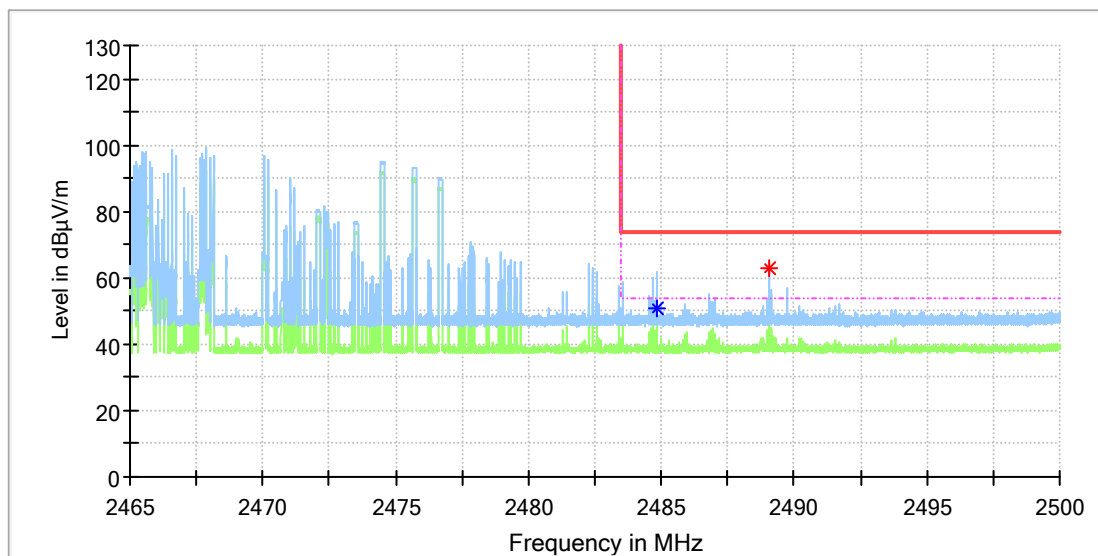
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7386.883333	---	34.03	54.00	19.97	100.0	V	41.0	8.2
7394.258333	45.13	---	74.00	28.87	100.0	V	163.0	8.3

2.8 WiFi, 2.4GHz, 802.11g, bandedge

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



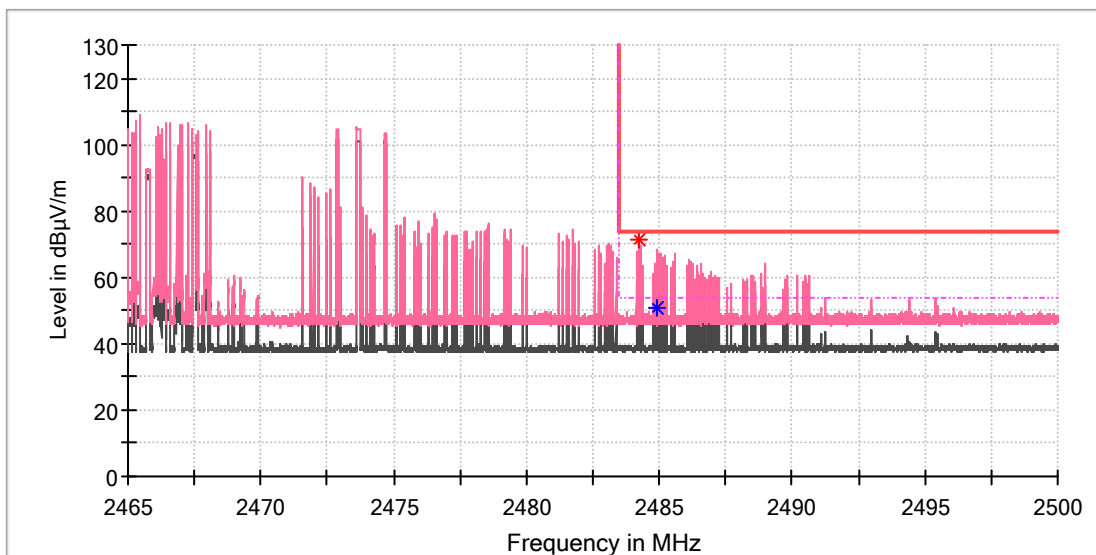
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.825313	---	50.93	54.00	3.07	100.0	H	139.0	7.4
2489.047188	62.67	---	74.00	11.33	100.0	H	127.0	7.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



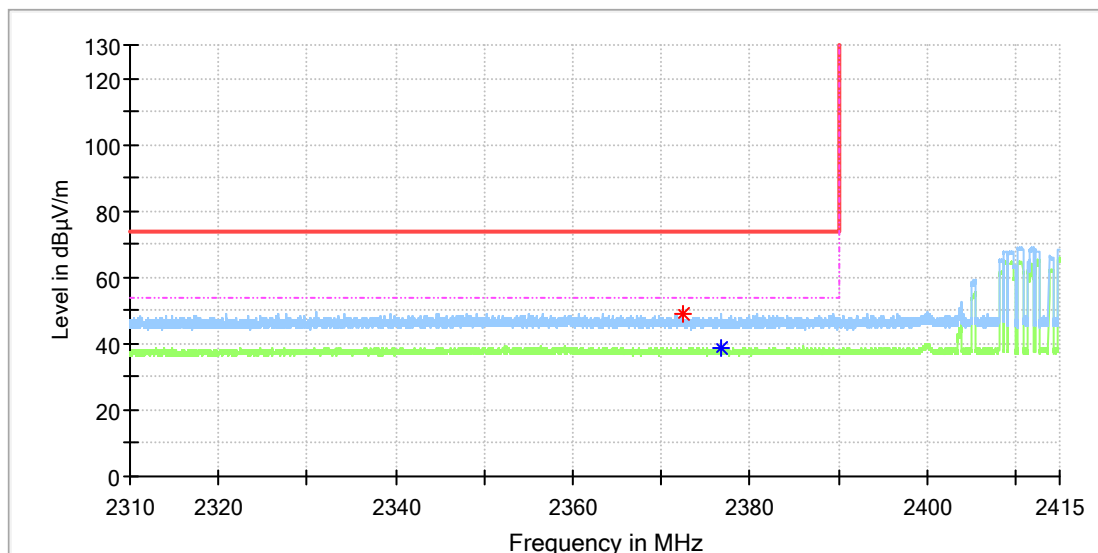
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.245625	71.50	---	74.00	2.50	100.0	V	0.0	7.4
2484.884375	---	50.92	54.00	3.08	100.0	V	14.0	7.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11g_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



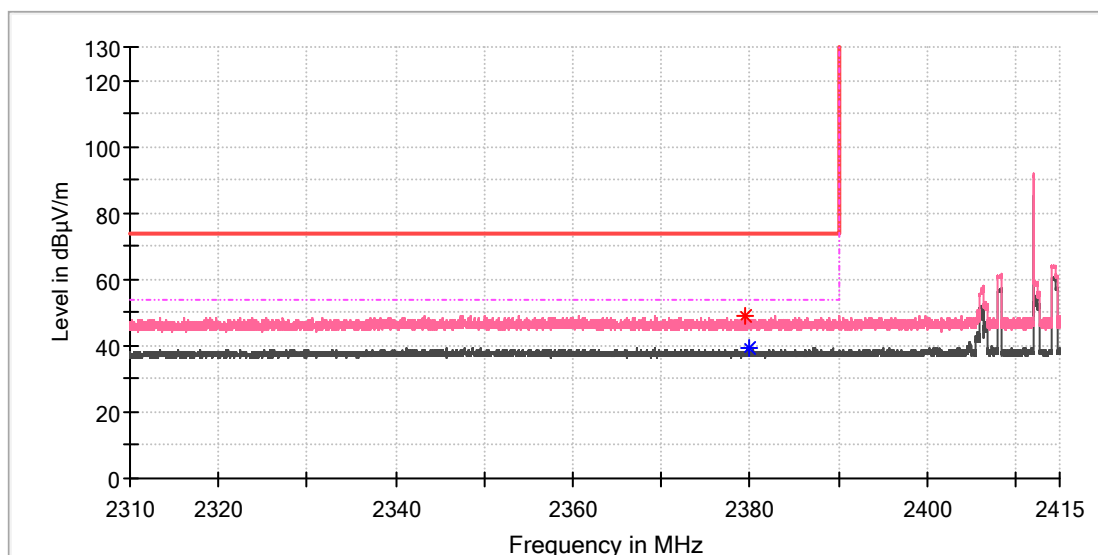
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2372.560313	49.19	---	74.00	24.81	100.0	H	263.0	6.9
2376.688125	---	38.96	54.00	15.04	100.0	H	355.0	6.9

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11g_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

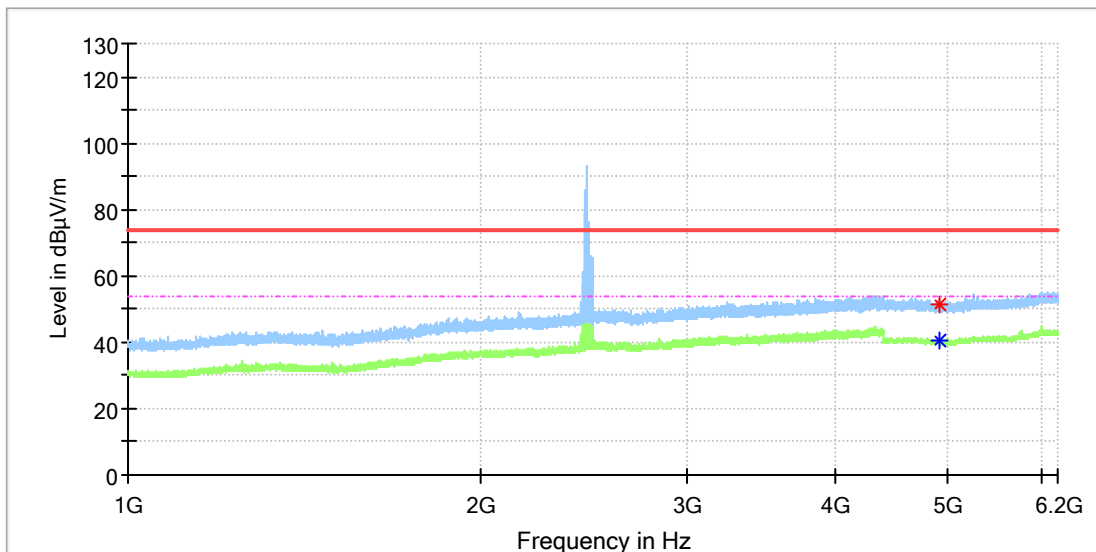
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2379.398438	49.16	---	74.00	24.84	100.0	V	349.0	7.0
2379.903750	---	39.04	54.00	14.96	100.0	V	321.0	7.0

2.9 WiFi, 2.4GHz, 802.11n-HT20, above 1GHz

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



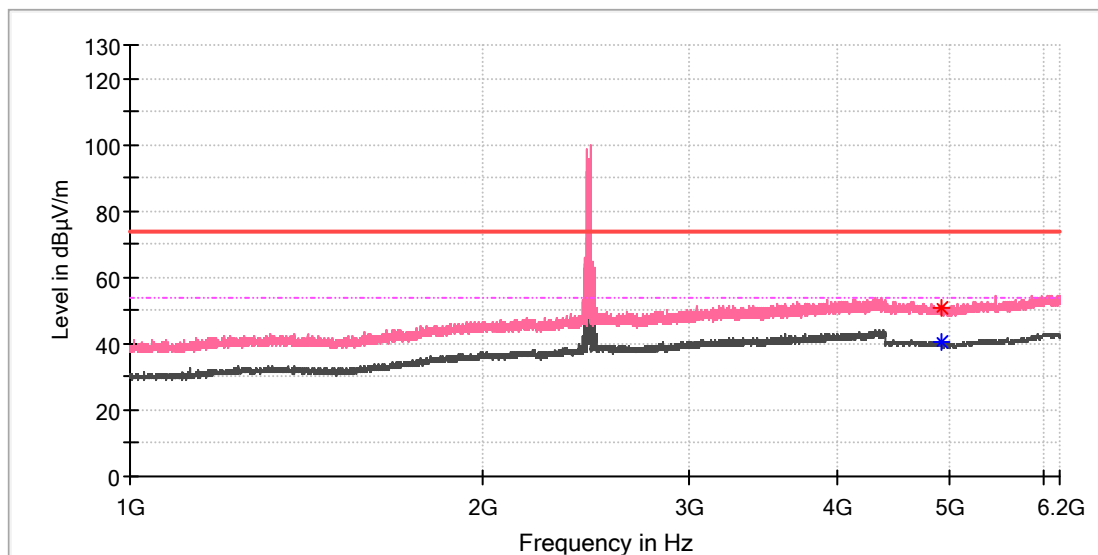
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.000000	---	40.59	54.00	13.41	100.0	H	108.0	13.3
4923.500000	51.31	---	74.00	22.69	100.0	H	201.0	13.3

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



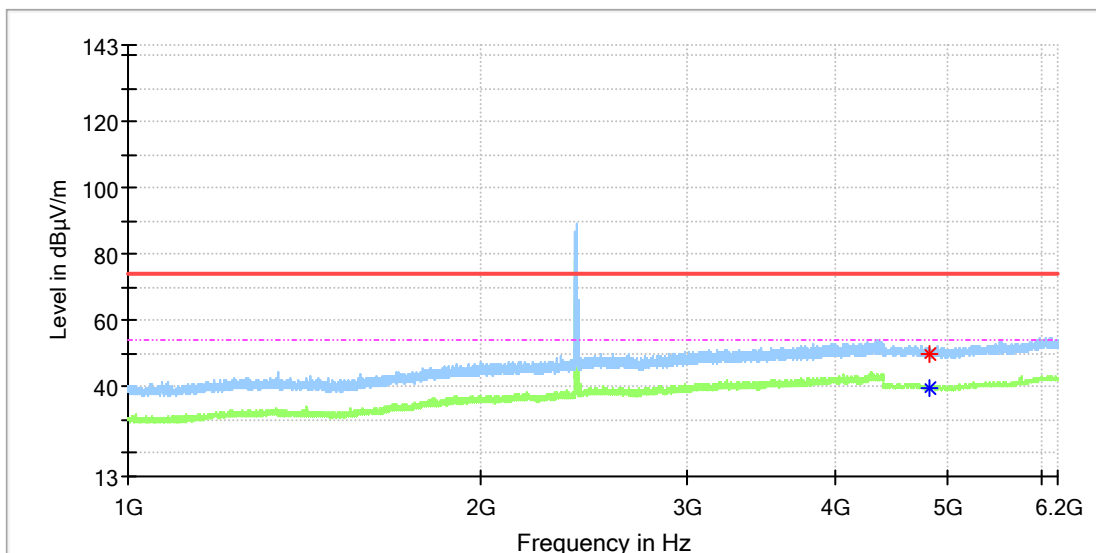
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4920.000000	---	40.28	54.00	13.72	100.0	V	91.0	13.3
4923.500000	50.67	---	74.00	23.33	100.0	V	42.0	13.3

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



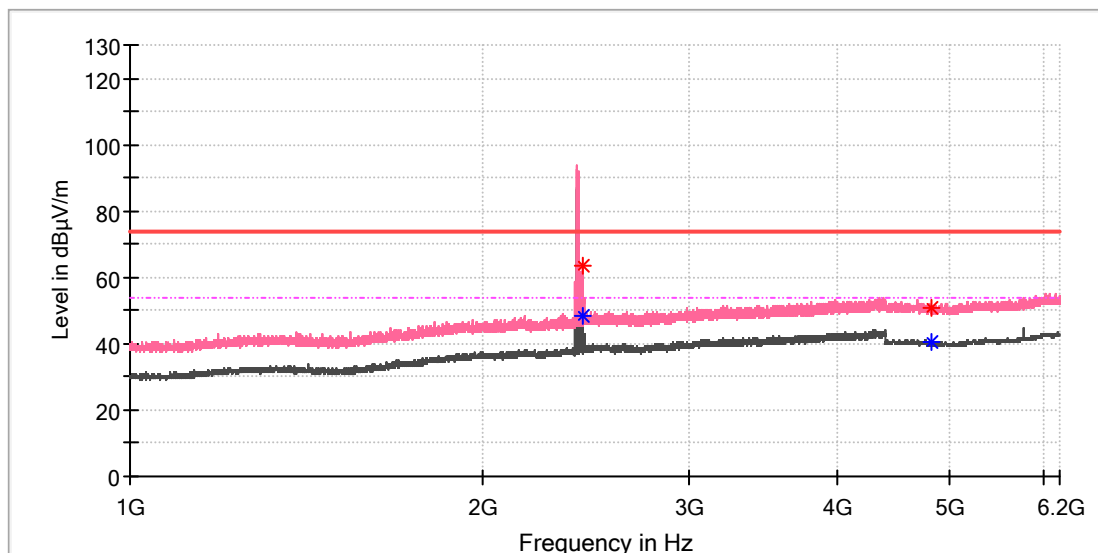
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.500000	---	39.72	54.00	14.28	100.0	H	261.0	13.5
4824.500000	50.13	---	74.00	23.87	100.0	H	261.0	13.5

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:42%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



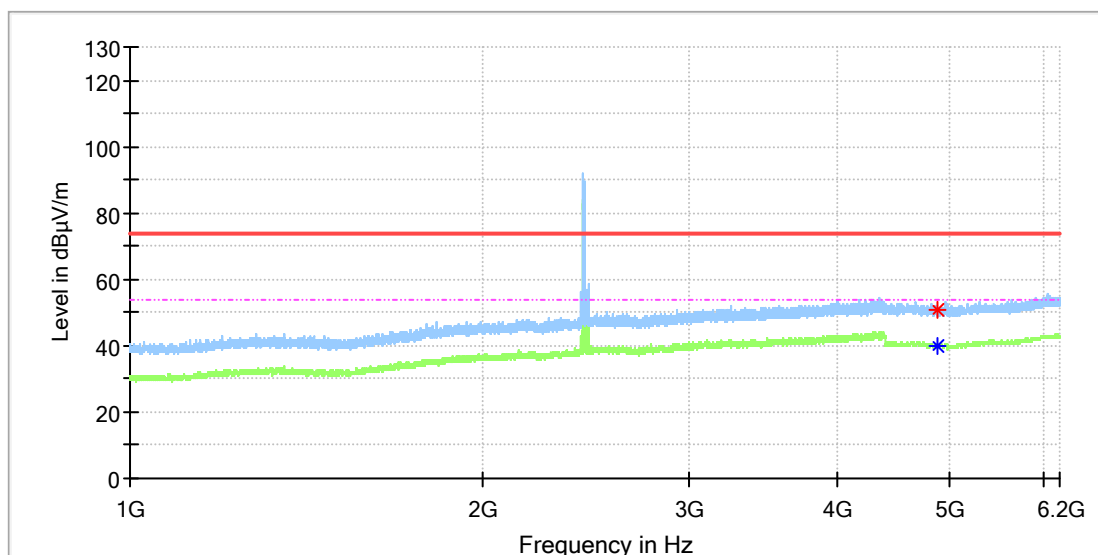
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2431.825000	63.28	---	74.00	10.72	100.0	V	33.0	7.3
2432.037500	---	48.65	54.00	5.35	100.0	V	33.0	7.3
4823.000000	50.72	---	74.00	23.28	100.0	V	76.0	13.5
4823.000000	---	40.38	54.00	13.62	100.0	V	76.0	13.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



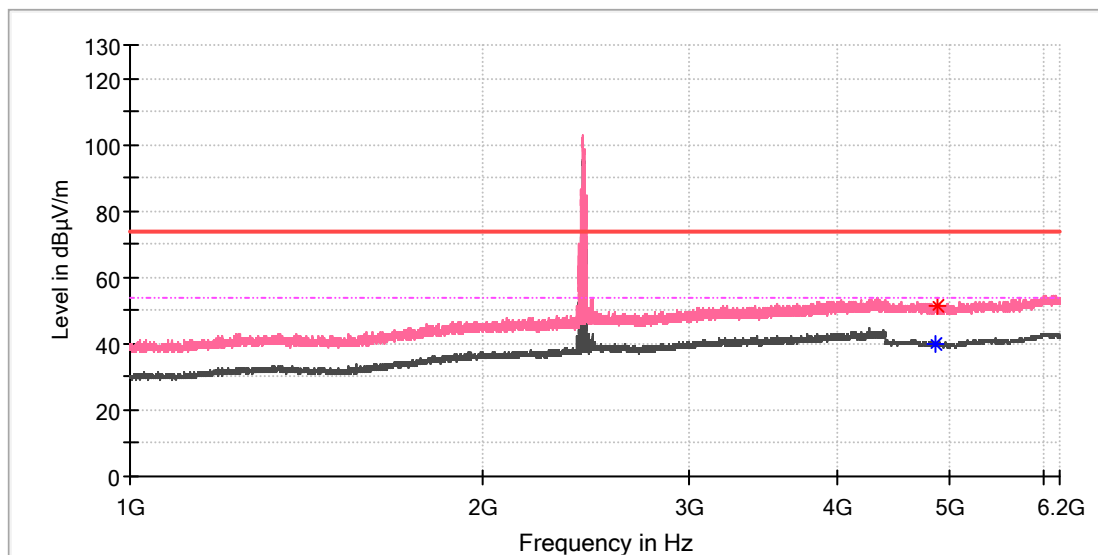
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	40.19	54.00	13.81	100.0	H	0.0	13.4
4874.000000	50.93	---	74.00	23.07	100.0	H	0.0	13.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



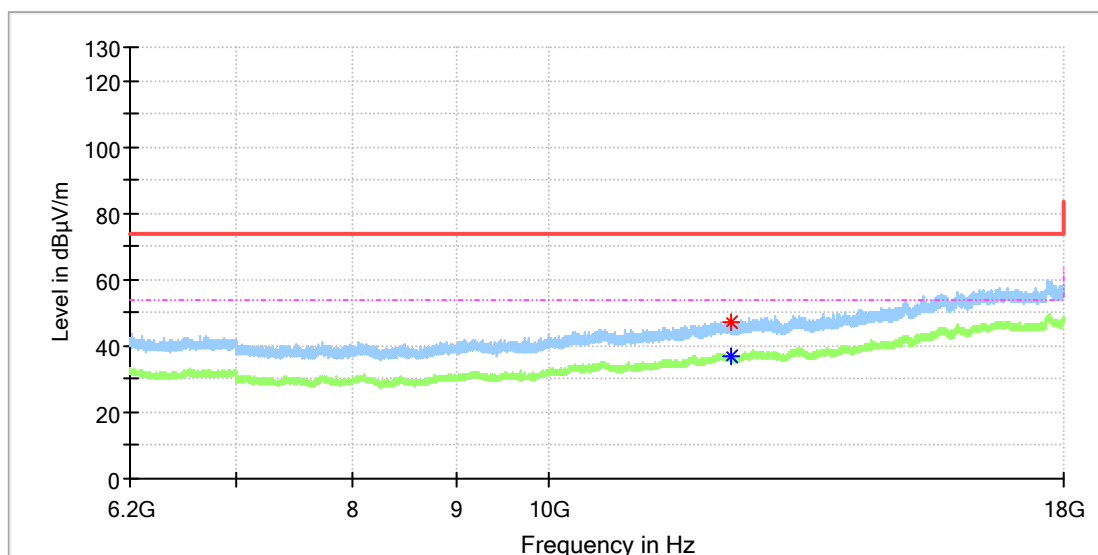
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4868.000000	---	40.17	54.00	13.83	100.0	V	74.0	13.4
4876.000000	51.25	---	74.00	22.75	100.0	V	358.0	13.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



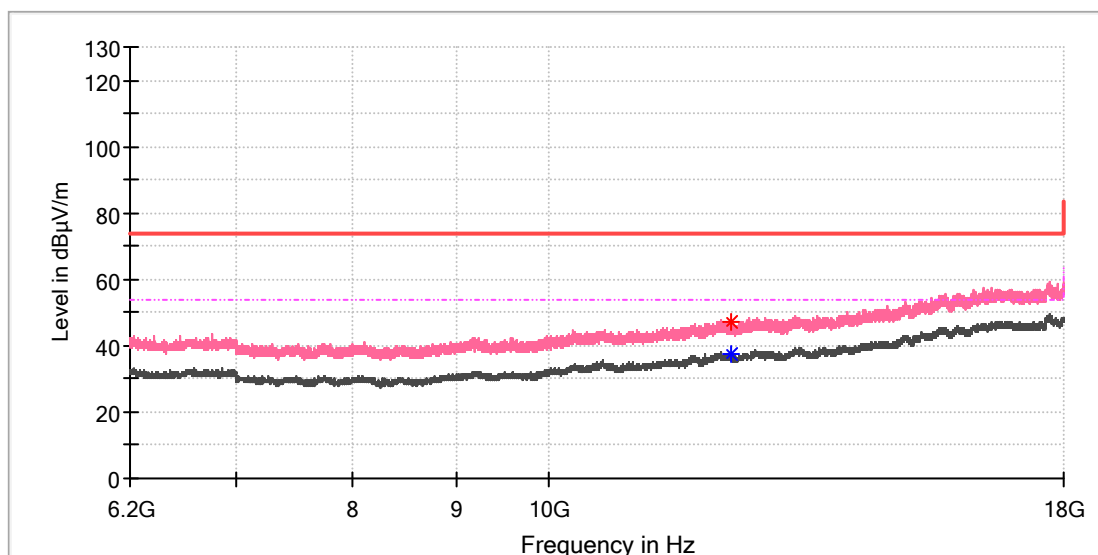
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
12316.825000	46.92	---	74.00	27.08	100.0	H	211.0	14.9
12320.266667	---	37.17	54.00	16.83	100.0	H	253.0	14.9

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



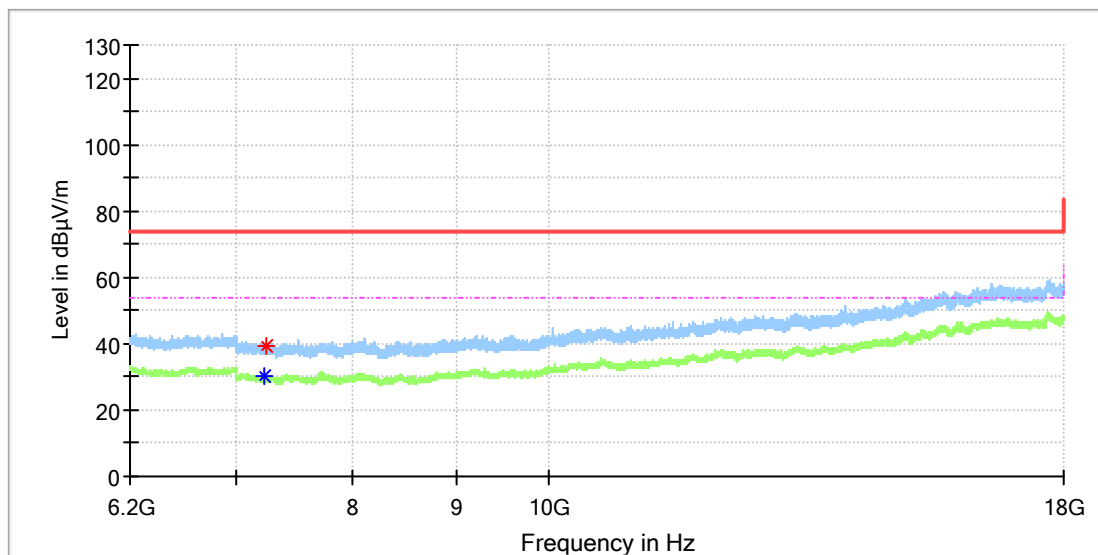
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
12313.875000	---	37.49	54.00	16.51	100.0	V	77.0	14.9
12315.350000	47.10	---	74.00	26.90	100.0	V	0.0	14.9

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



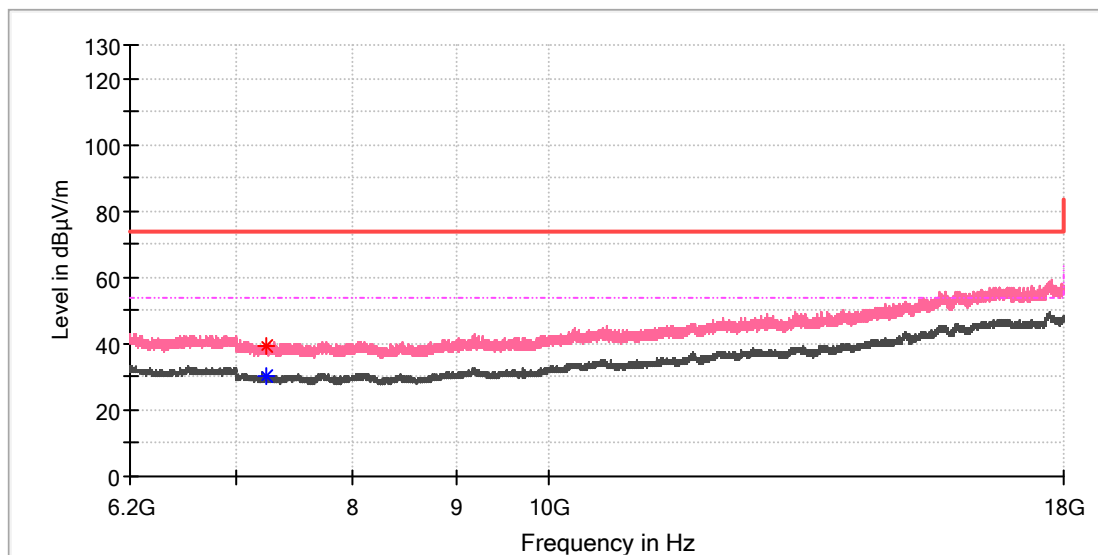
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7230.533333	---	30.05	54.00	23.95	100.0	H	22.0	8.6
7235.450000	39.21	---	74.00	34.79	100.0	H	349.0	8.6

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



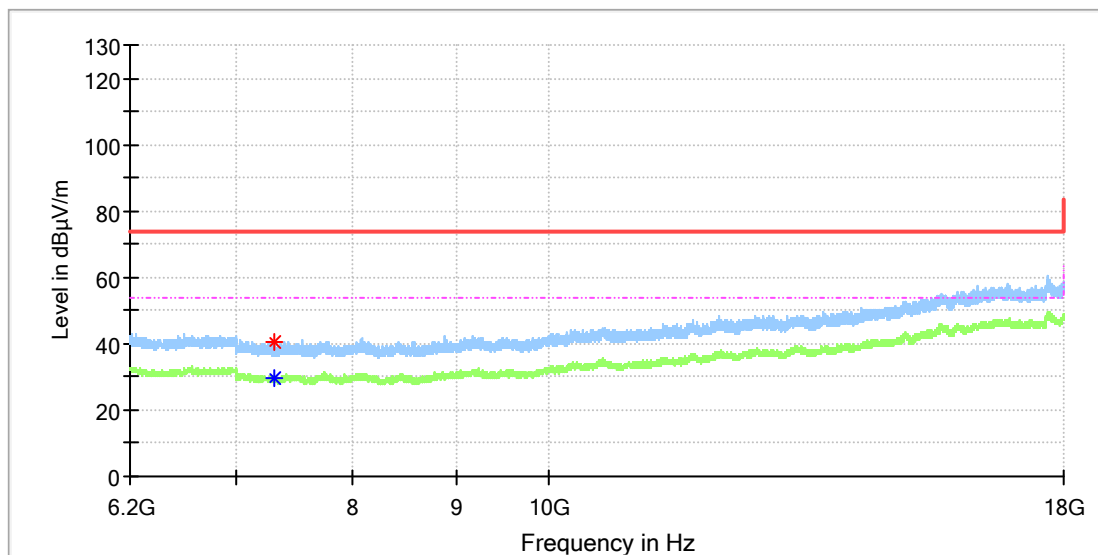
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7238.891667	39.33	---	74.00	34.67	100.0	V	169.0	8.6
7239.383333	---	29.97	54.00	24.03	100.0	V	94.0	8.6

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



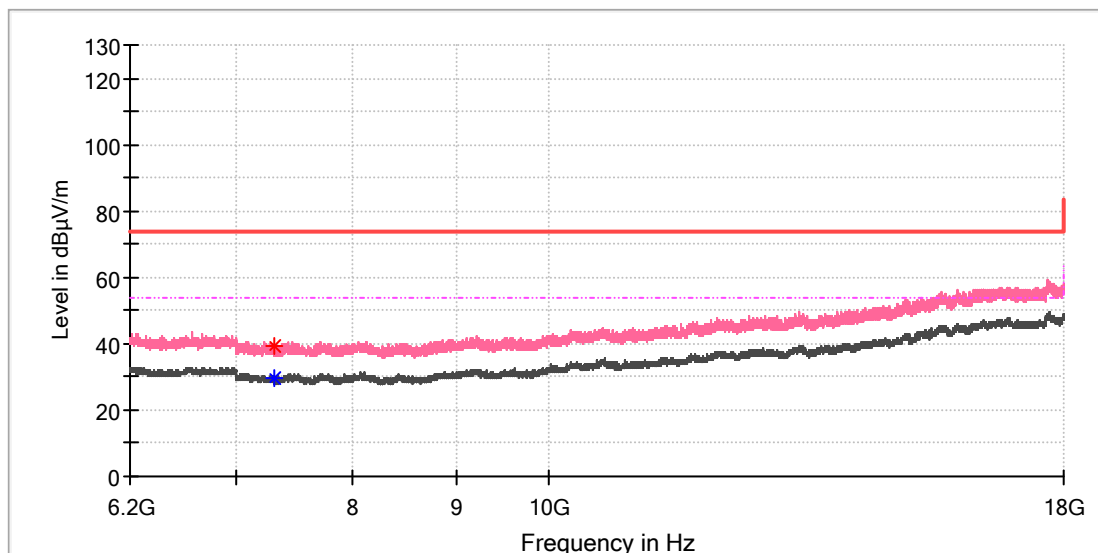
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.708333	---	29.72	54.00	24.28	100.0	H	0.0	8.2
7309.691667	40.29	---	74.00	33.71	100.0	H	248.0	8.2

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n_Mid Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

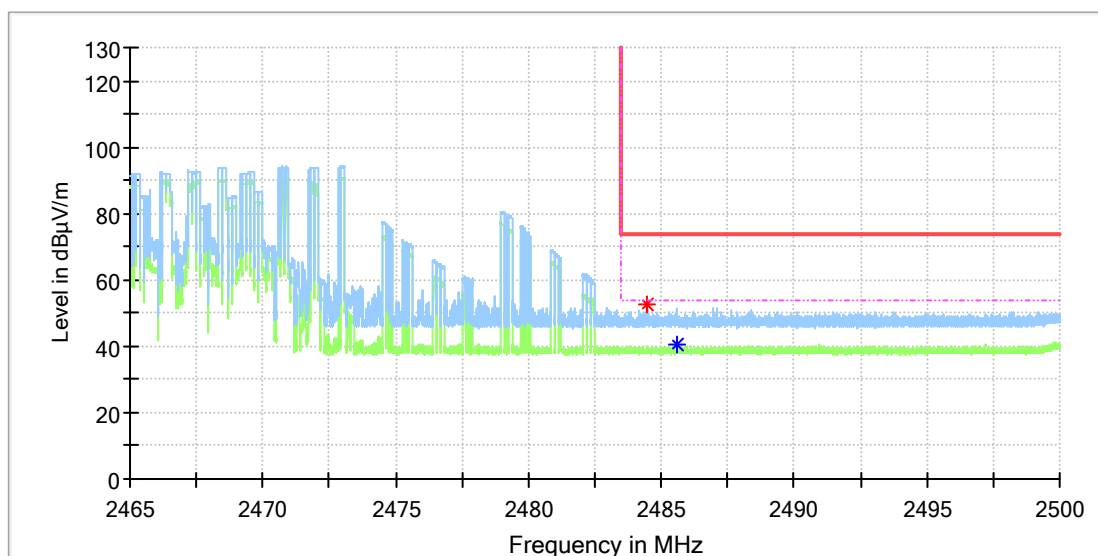
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7312.150000	---	29.50	54.00	24.50	100.0	V	85.0	8.2
7314.608333	39.24	---	74.00	34.76	100.0	V	19.0	8.2

2.10WiFi, 2.4GHz, 802.11n-HT20, bandedge

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



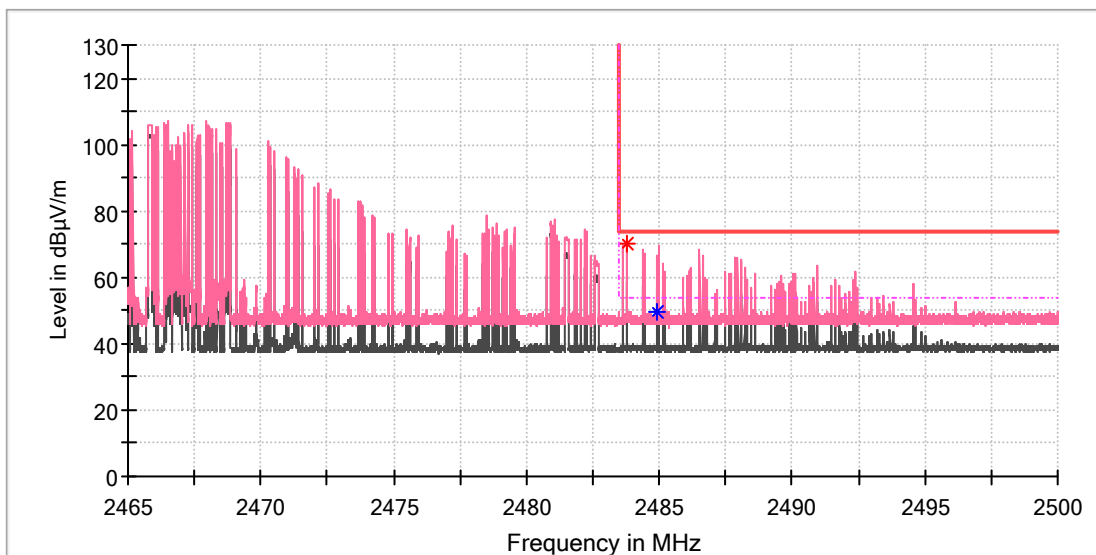
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.497188	52.37	---	74.00	21.63	100.0	H	254.0	7.4
2485.593125	---	40.24	54.00	13.76	100.0	H	67.0	7.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n20_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



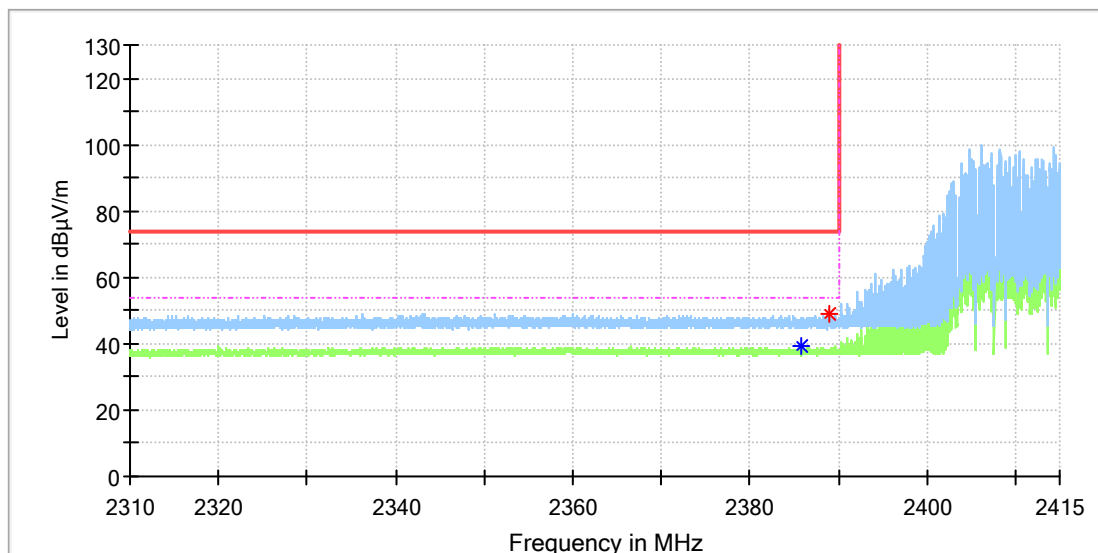
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.760000	69.99	---	74.00	4.01	100.0	V	38.0	7.4
2484.893125	---	49.39	54.00	4.61	100.0	V	62.0	7.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



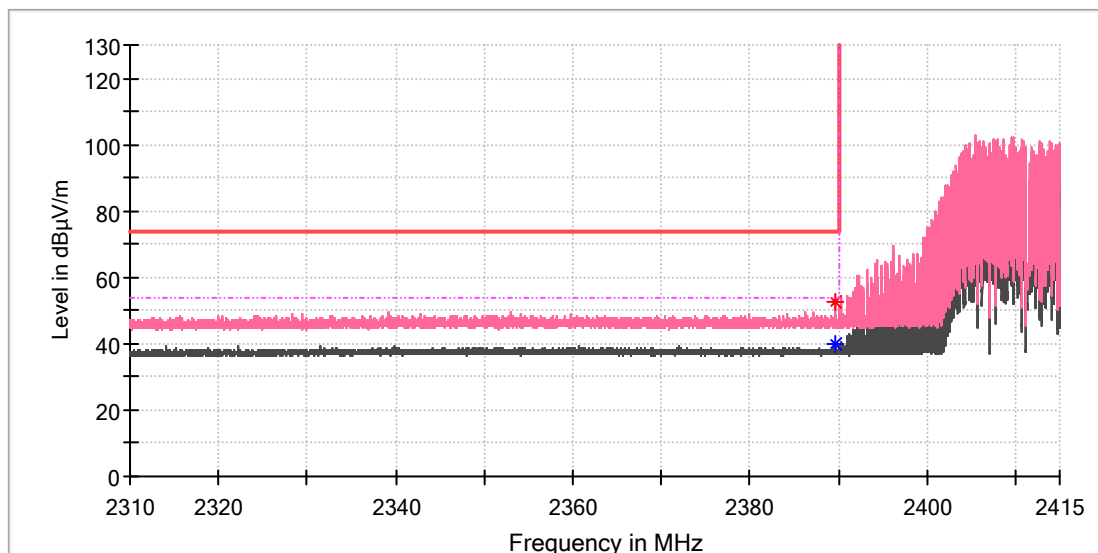
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.915000	---	39.17	54.00	14.83	100.0	H	26.0	7.0
2388.887813	49.01	---	74.00	24.99	100.0	H	70.0	7.0

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

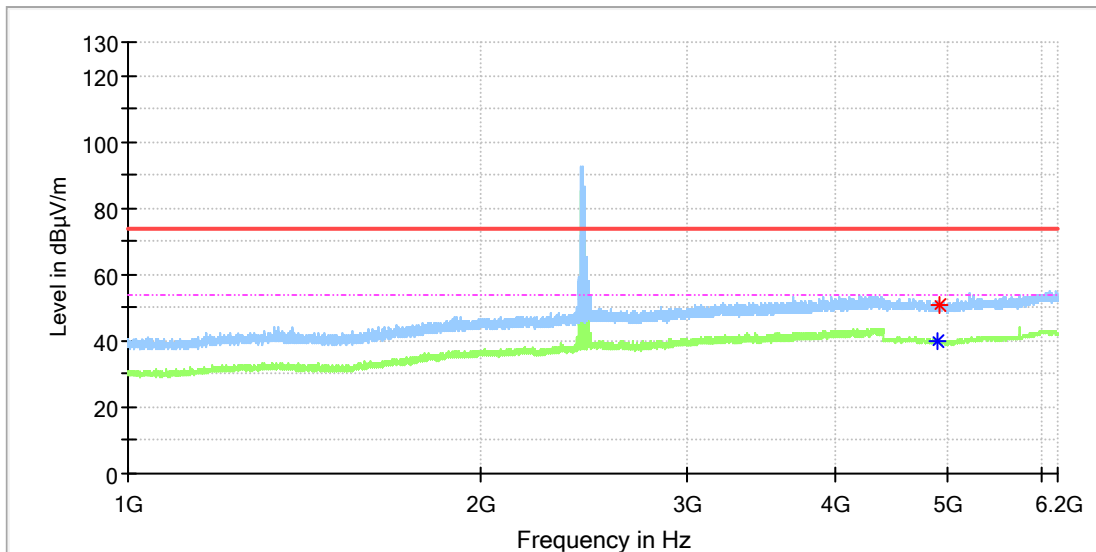
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.655625	---	39.89	54.00	14.11	100.0	V	247.0	7.0
2389.655625	52.69	---	74.00	21.31	100.0	V	247.0	7.0

2.11WiFi, 2.4GHz, 802.11n-HT40, above 1GHz

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



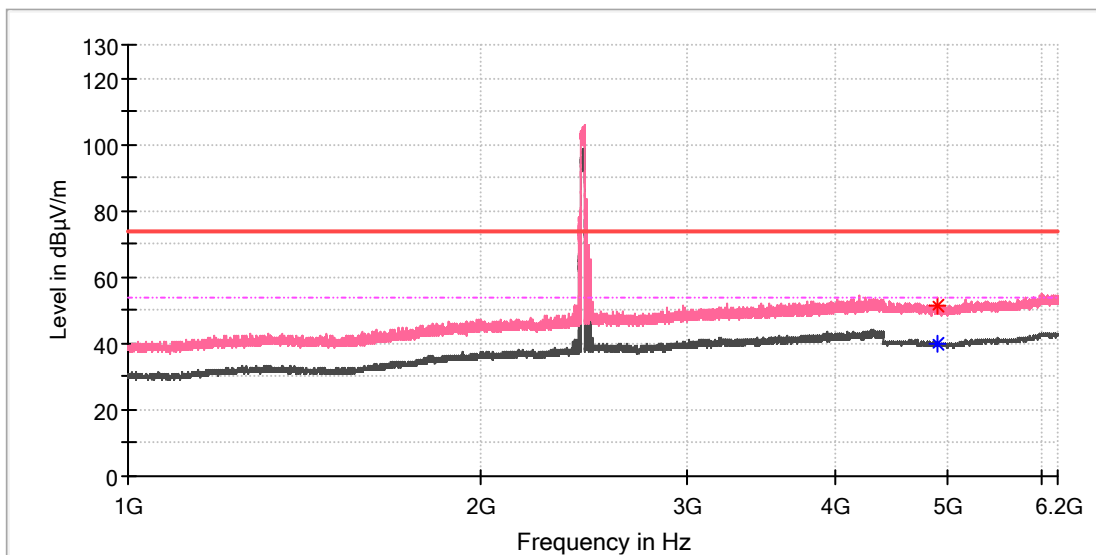
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4905.500000	---	40.02	54.00	13.98	100.0	H	228.0	13.3
4908.500000	50.87	---	74.00	23.13	100.0	H	72.0	13.3

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



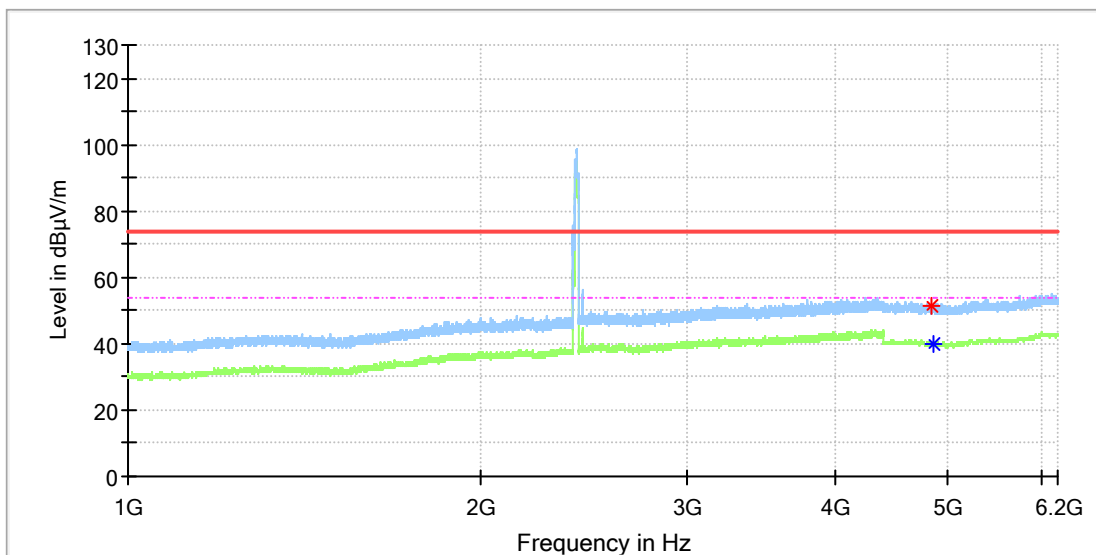
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4903.500000	51.49	---	74.00	22.51	100.0	V	50.0	13.3
4905.000000	---	39.87	54.00	14.13	100.0	V	237.0	13.3

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



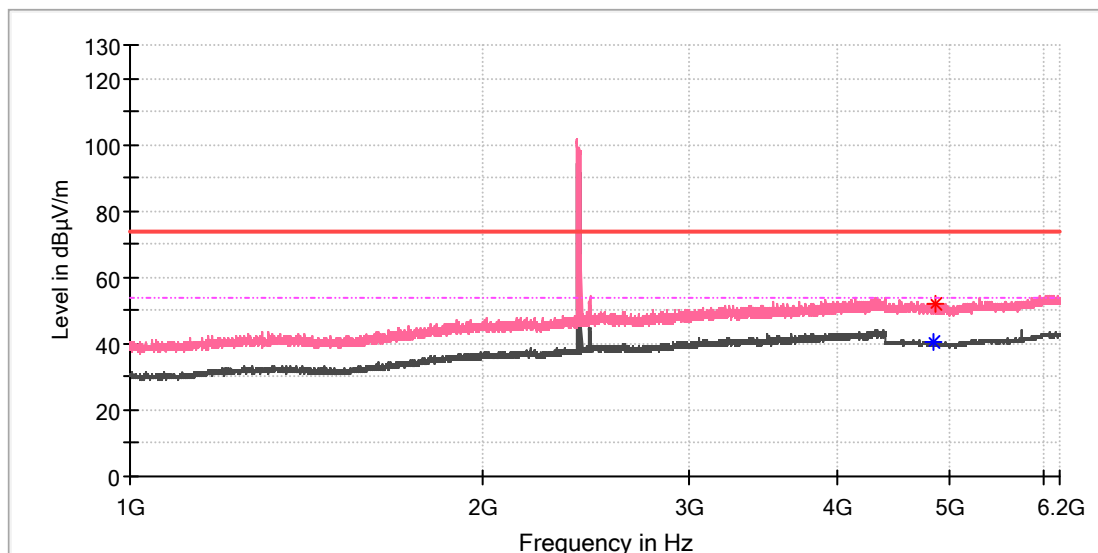
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4842.500000	51.37	---	74.00	22.63	100.0	H	73.0	13.4
4849.500000	---	40.11	54.00	13.89	100.0	H	12.0	13.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n40_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



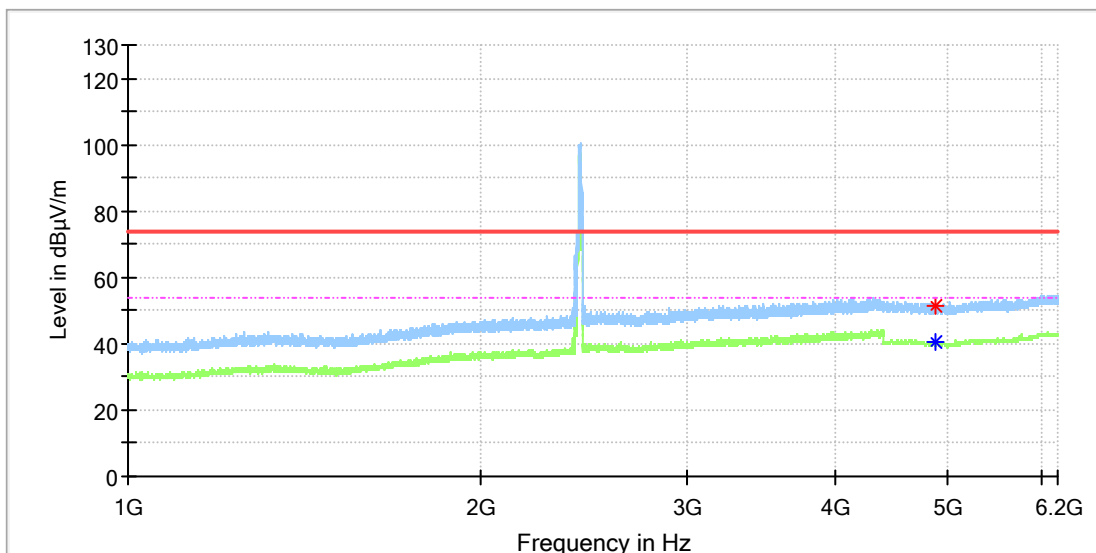
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4844.500000	---	40.40	54.00	13.60	100.0	V	293.0	13.4
4850.500000	52.27	---	74.00	21.73	100.0	V	168.0	13.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n40_Mid Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



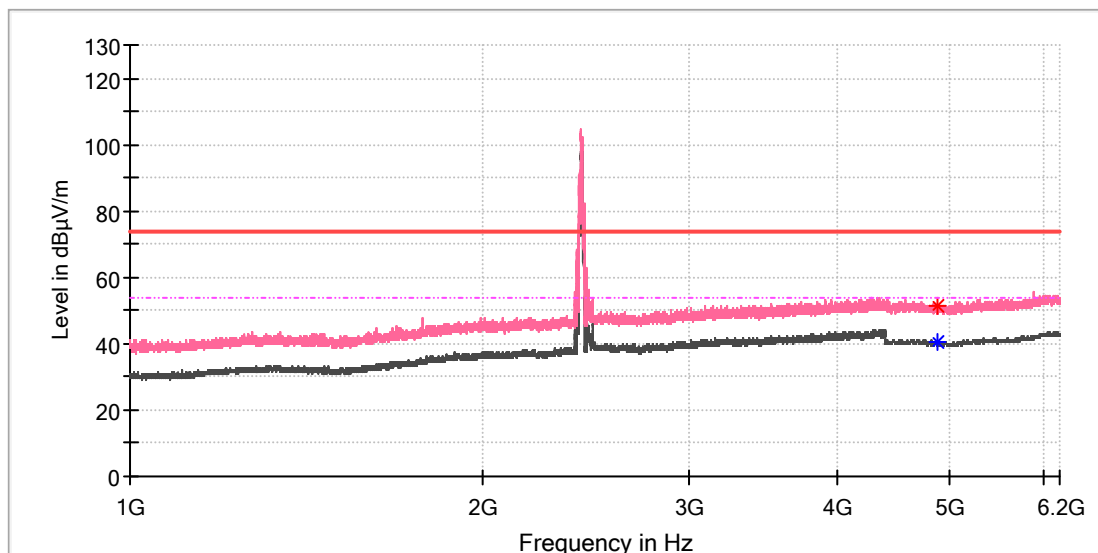
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4875.500000	---	40.31	54.00	13.69	100.0	H	309.0	13.4
4878.500000	51.19	---	74.00	22.81	100.0	H	343.0	13.4

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n40_Mid Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



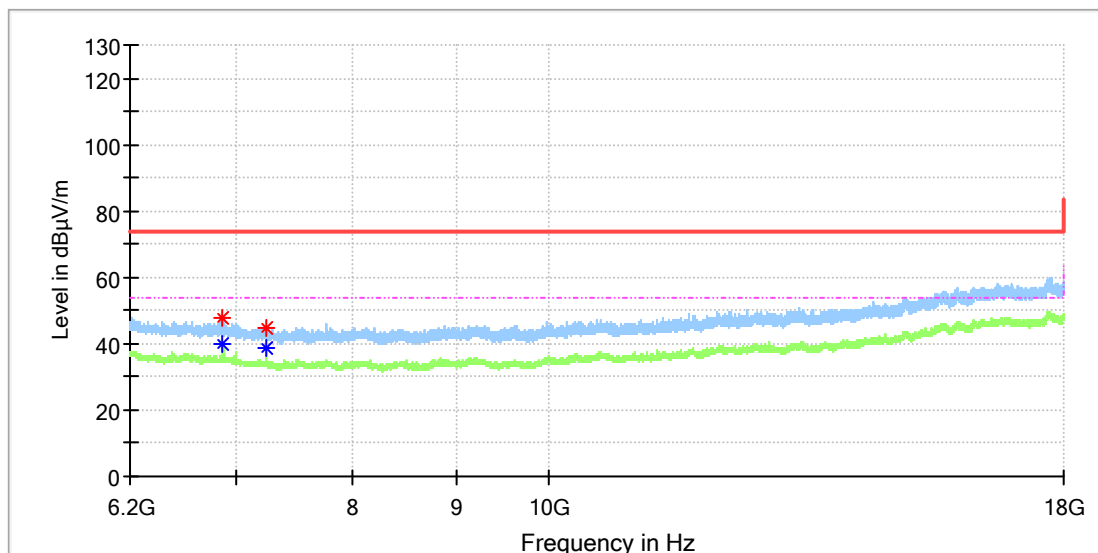
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4876.500000	---	40.38	54.00	13.62	100.0	V	299.0	13.4
4879.500000	51.51	---	74.00	22.49	100.0	V	349.0	13.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



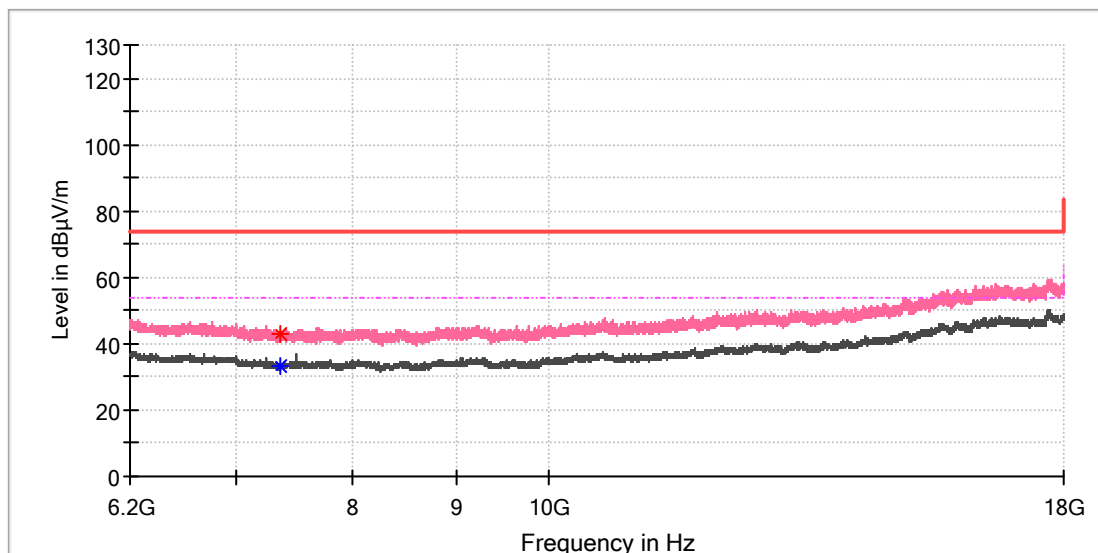
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6894.725000	---	39.79	54.00	14.21	100.0	H	0.0	8.6
6895.216667	47.88	---	74.00	26.12	100.0	H	322.0	8.6
7249.708333	44.92	---	74.00	29.08	100.0	H	239.0	8.5
7249.708333	---	38.85	54.00	15.15	100.0	H	239.0	8.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



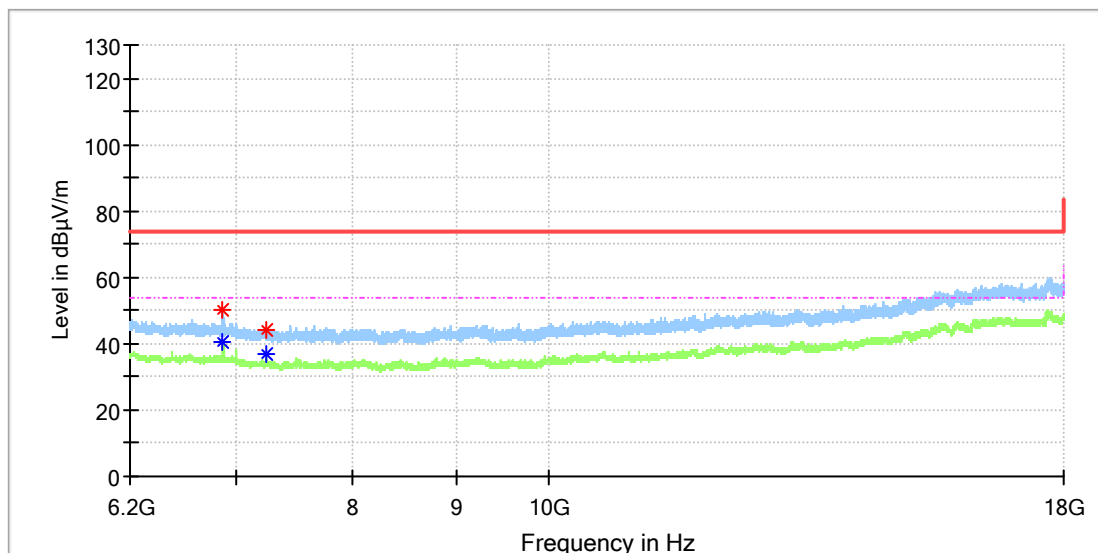
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7360.333333	42.79	---	74.00	31.21	100.0	V	69.0	8.1
7360.333333	---	33.36	54.00	20.64	100.0	V	69.0	8.1

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



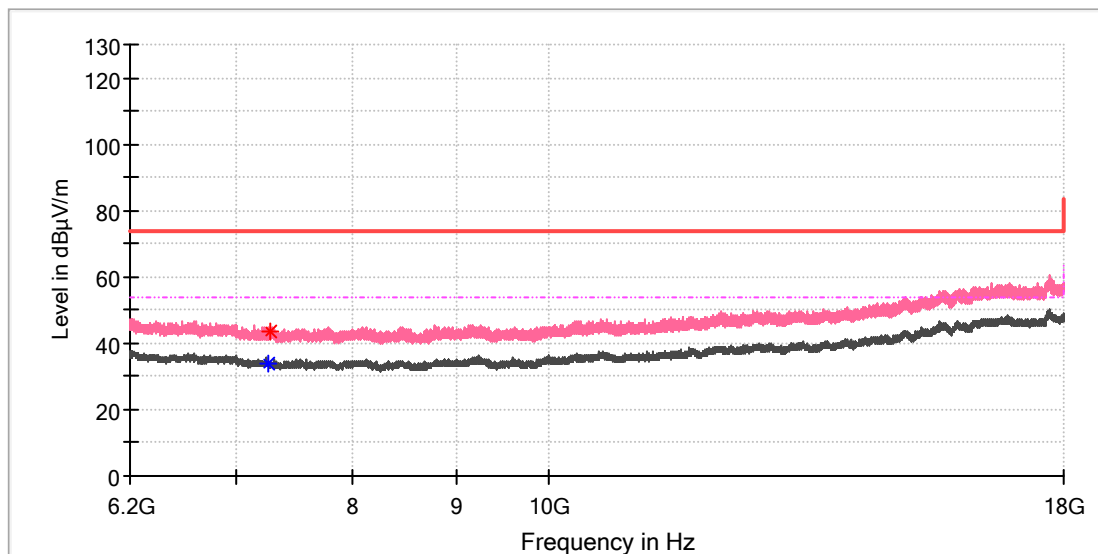
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6894.233333	50.13	---	74.00	23.87	100.0	H	0.0	8.6
6894.233333	---	40.78	54.00	13.22	100.0	H	0.0	8.6
7249.708333	---	37.10	54.00	16.90	100.0	H	89.0	8.5
7250.200000	44.29	---	74.00	29.71	100.0	H	45.0	8.5

Test Report

EUT Information

EUT Name: Android POS
Model: APOLLO
Test Mode: Wi-Fi 2.4G 11n40_Low Channel
Test Voltage:: Battery
Remark: Temp 23 Humi:45%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



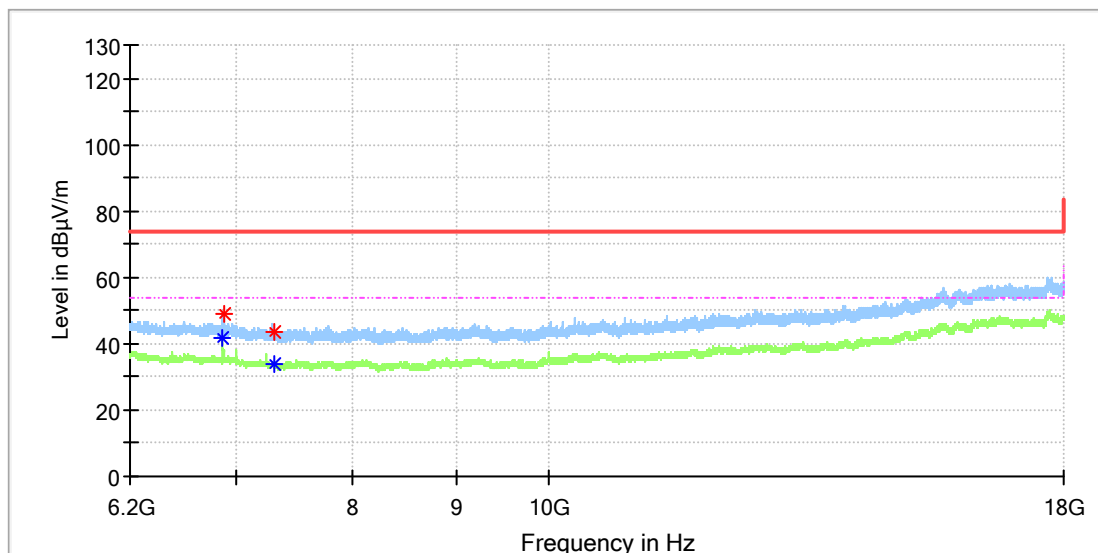
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7264.458333	---	34.14	54.00	19.86	100.0	V	307.0	8.5
7270.358333	43.81	---	74.00	30.19	100.0	V	346.0	8.5

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



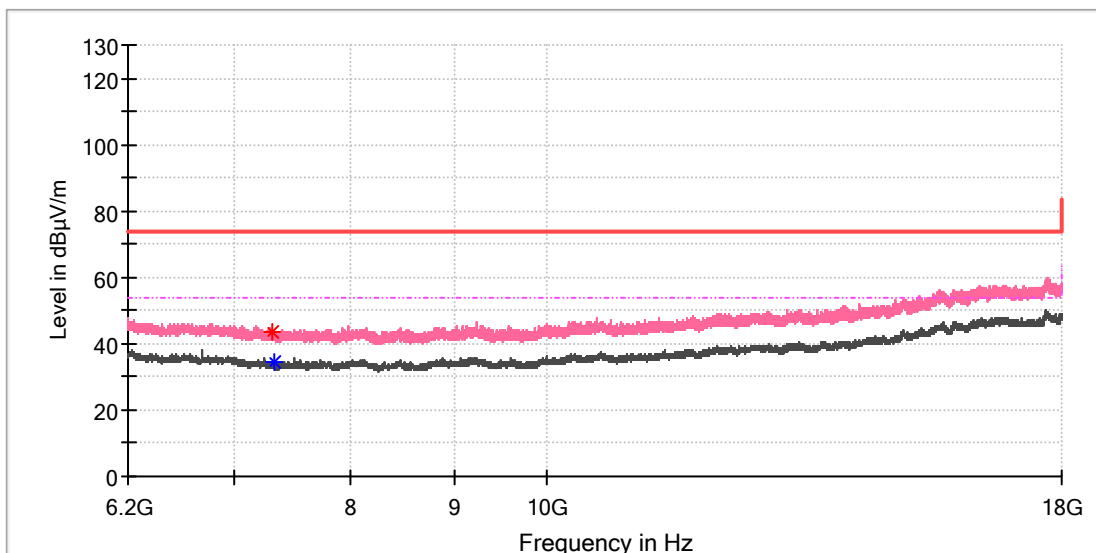
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6893.741667	---	41.63	54.00	12.37	100.0	H	298.0	8.6
6896.200000	48.82	---	74.00	25.18	100.0	H	119.0	8.6
7308.708333	---	34.03	54.00	19.97	100.0	H	354.0	8.2
7313.133333	43.32	---	74.00	30.68	100.0	H	230.0	8.2

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:45%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

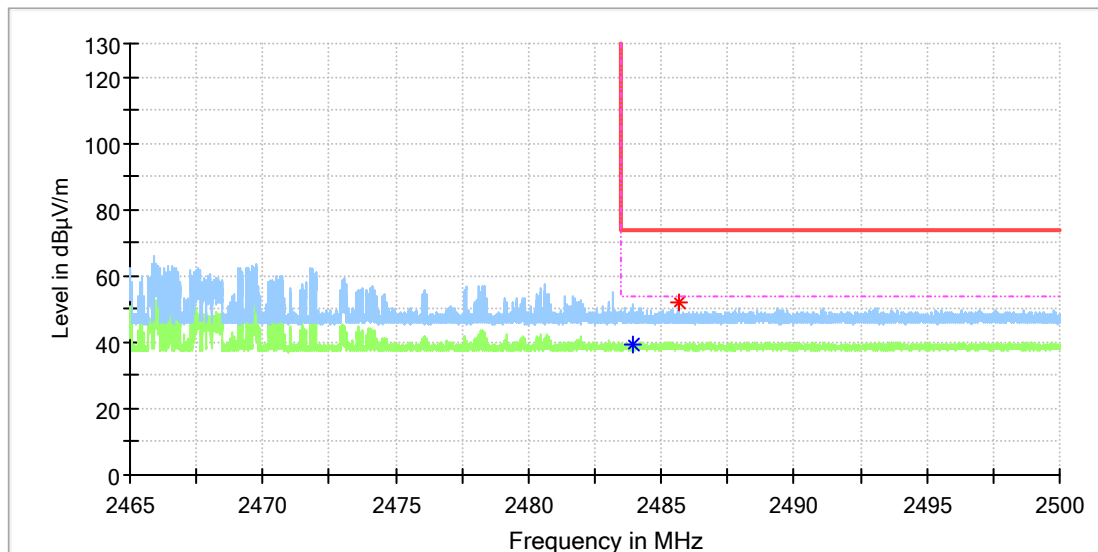
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7317.066667	43.39	---	74.00	30.61	100.0	V	225.0	8.2
7330.833333	---	34.67	54.00	19.33	100.0	V	33.0	8.1

2.12WiFi, 2.4GHz, 802.11n-HT40, bandedge

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



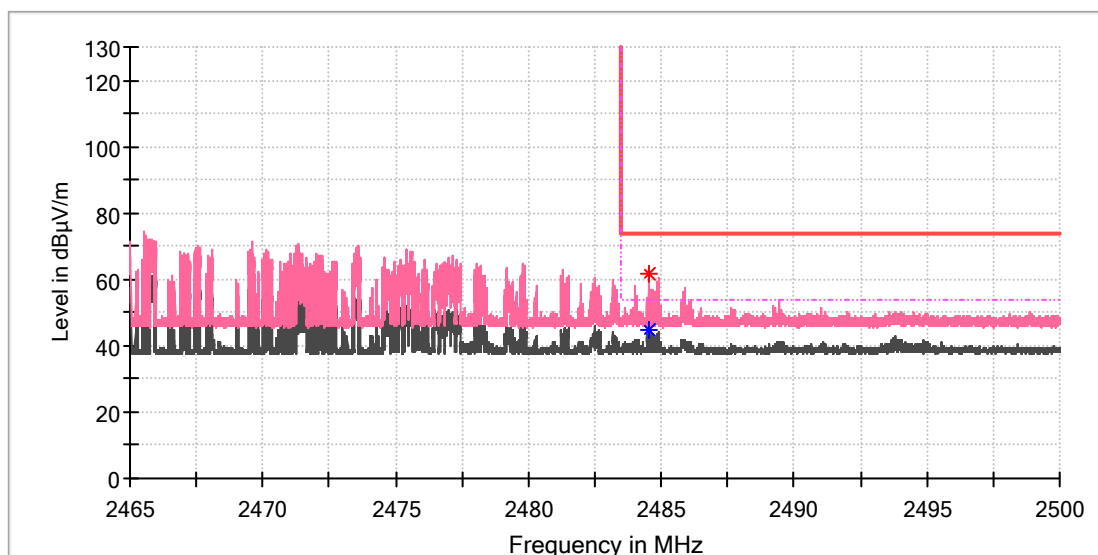
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.961250	---	39.38	54.00	14.62	100.0	H	84.0	7.4
2485.632500	52.01	---	74.00	21.99	100.0	H	279.0	7.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



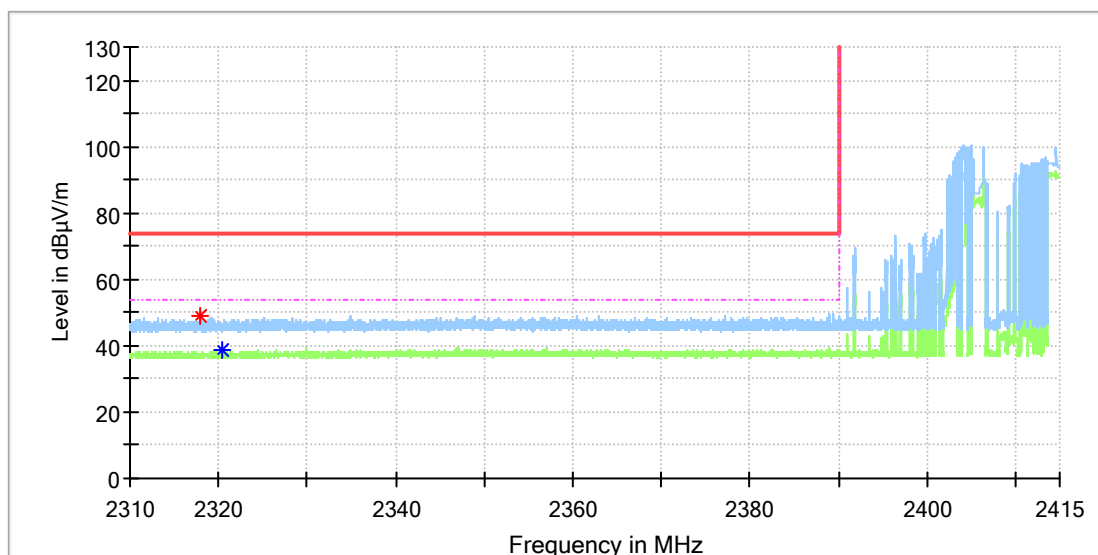
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.532188	---	44.92	54.00	9.08	100.0	V	116.0	7.4
2484.532188	61.92	---	74.00	12.08	100.0	V	116.0	7.4

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



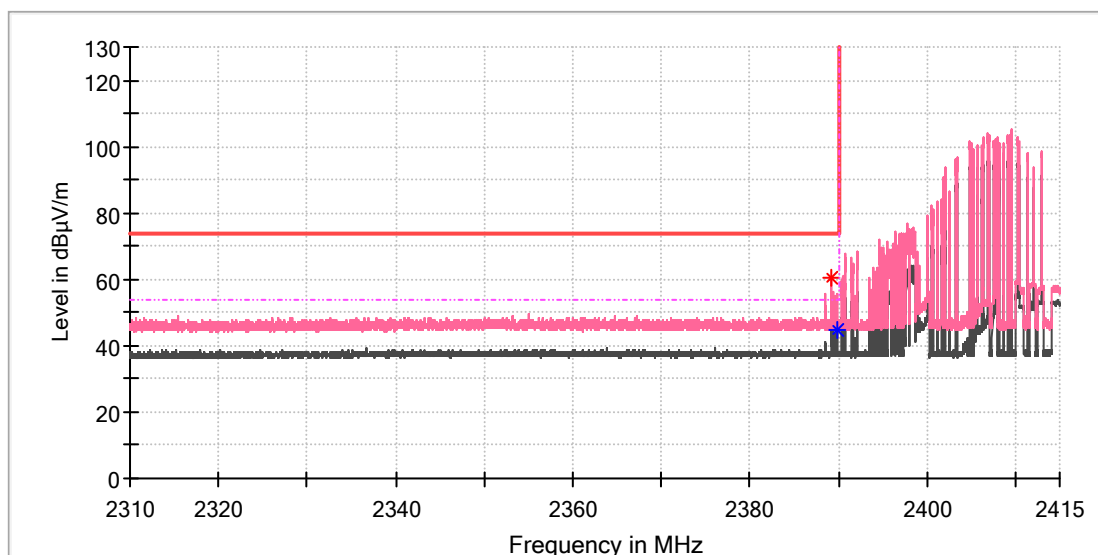
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2318.006250	49.11	---	74.00	24.89	100.0	H	134.0	6.6
2320.322813	---	38.58	54.00	15.42	100.0	H	233.0	6.6

Test Report

EUT Information

EUT Name:	Android POS
Model:	APOLLO
Test Mode:	Wi-Fi 2.4G 11n40_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



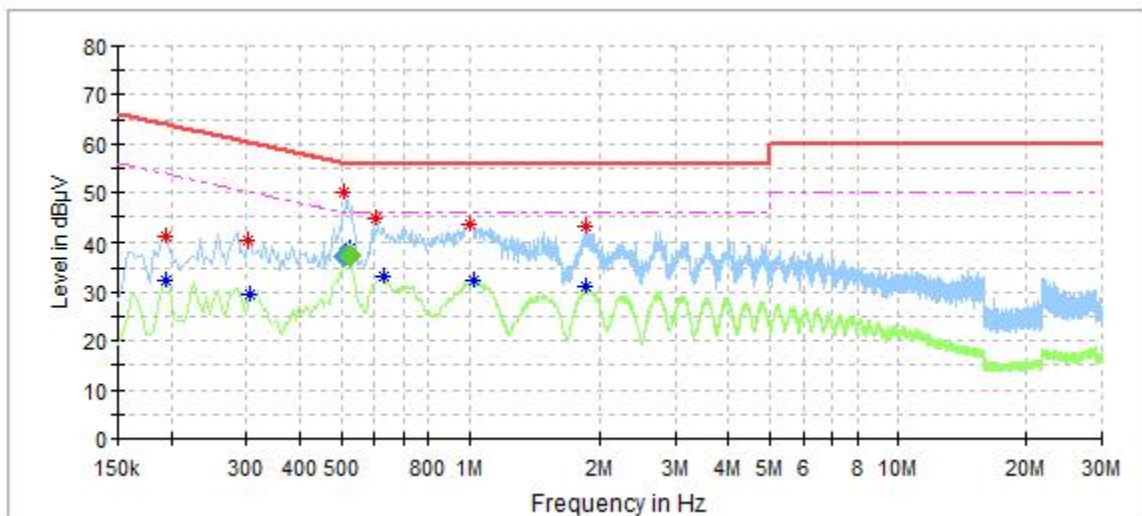
Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.294688	60.28	---	74.00	13.72	100.0	V	247.0	7.0
2389.786875	---	44.95	54.00	9.05	100.0	V	34.0	7.0

3. Conducted Emissions

EUT Information

EUT Name: Android POS
Order No.: 168279564
Model: APOLLO
Test Mode: Bluetooth
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

Produkte
Products

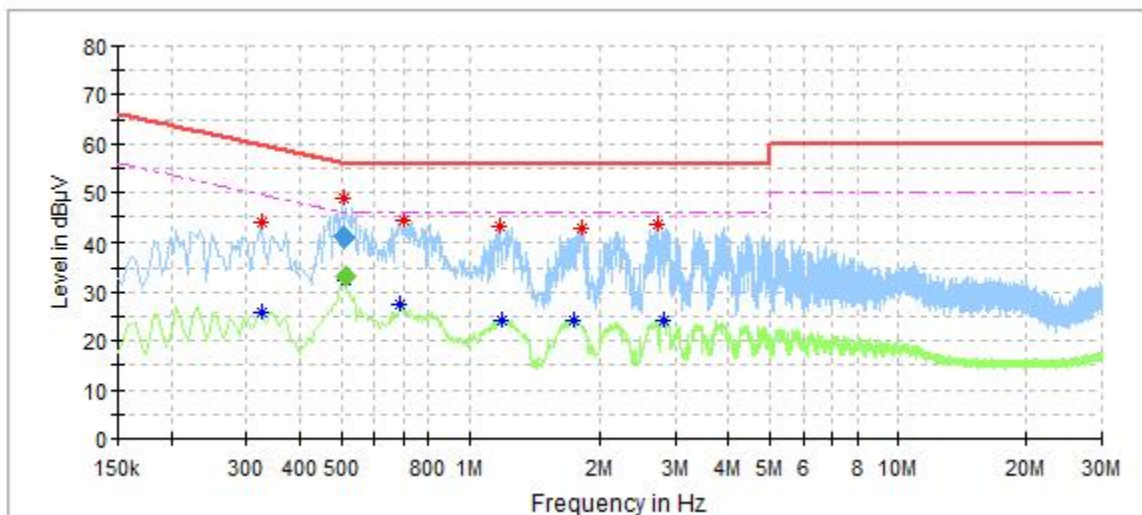
1.844000	43.14	---	56.00	12.86	L1	9.7
1.856000	---	31.36	46.00	14.64	L1	9.7

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
Test Voltage: AC 120V/60Hz
Test By: Tom Guo
Review By: Gary Chen
Remark: SR1



Critical_Freqs

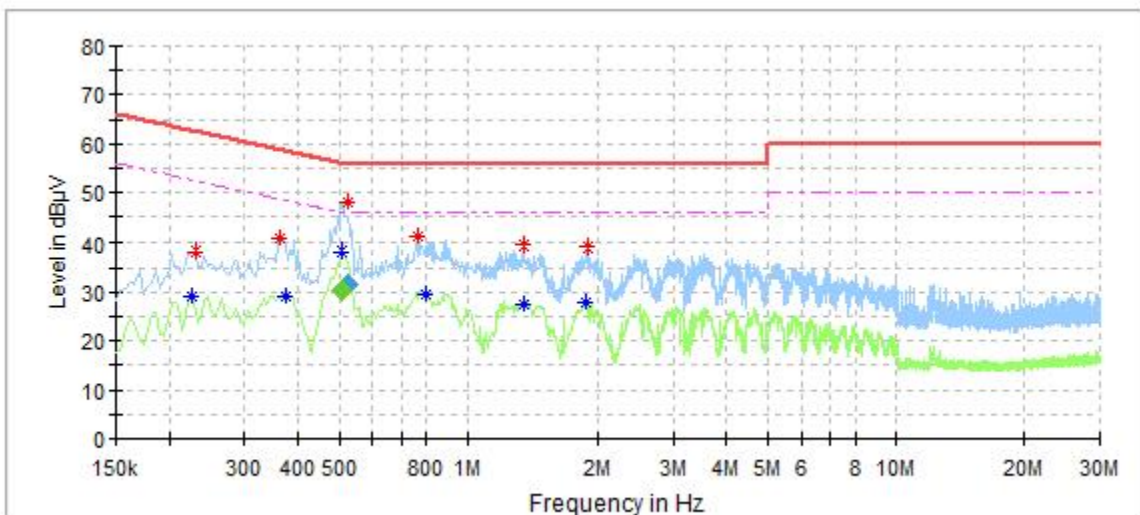
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.326000	---	26.01	49.55	23.55	N	9.7
0.326000	43.98	---	59.55	15.57	N	9.7
0.508000	48.90	---	56.00	7.10	N	9.7
0.512000	---	32.55	46.00	13.45	N	9.7
0.688000	---	27.42	46.00	18.58	N	9.7
0.700000	44.36	---	56.00	11.64	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

EUT Information

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



Critical_Freqs

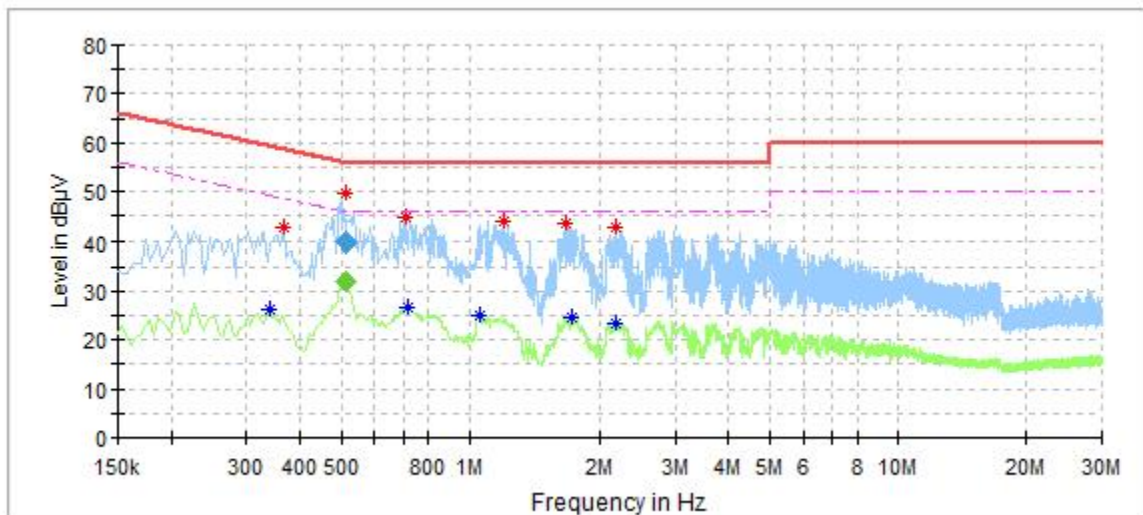
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.226000	---	29.09	52.60	23.50	L1	9.6
0.230000	37.96	---	62.45	24.49	L1	9.6
0.362000	40.71	---	58.68	17.97	L1	9.7
0.374000	---	29.24	48.41	19.17	L1	9.7
0.510500	---	38.07	46.00	7.93	L1	9.7
0.524000	48.07	---	56.00	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
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