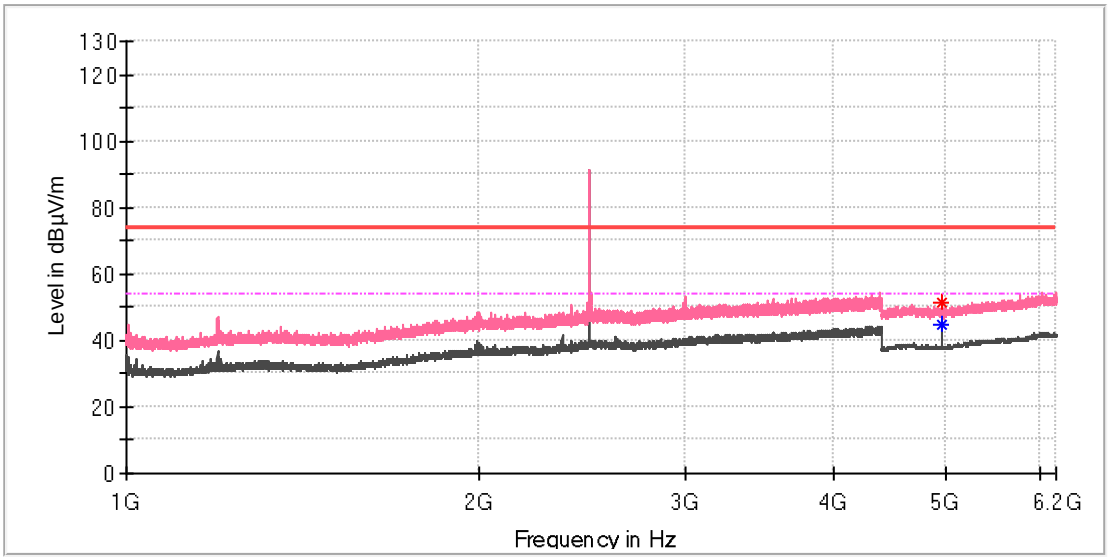
EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model:	DRLJS180B
Test Mode:	BLE 1M_High channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

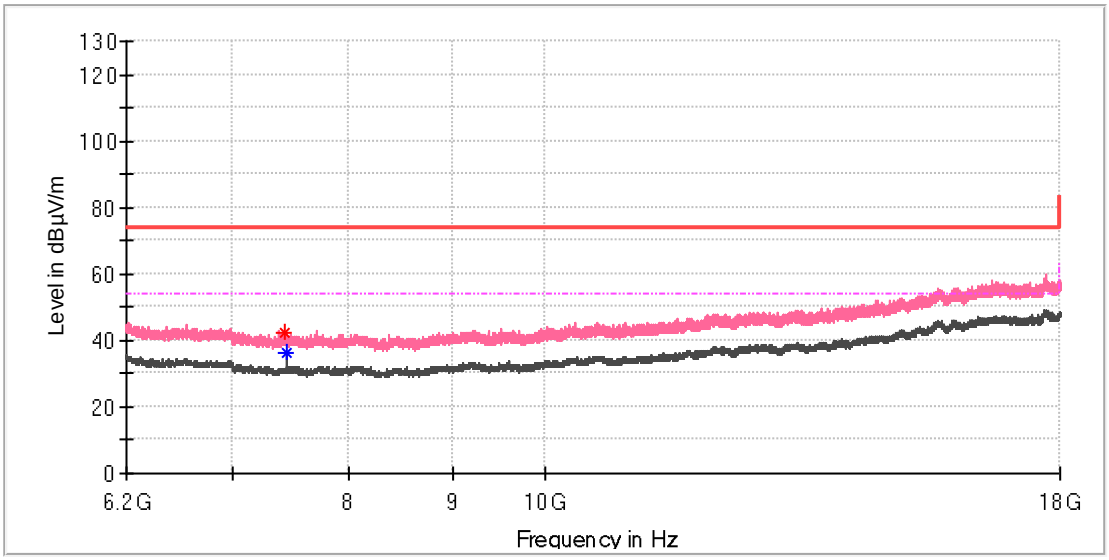


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4959.500000	---	44.97	54.00	9.03	100.0	V	111.0	11.8
4960.000000	51.67	---	74.00	22.33	100.0	V	104.0	11.8

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model:	DRLJS180B
Test Mode:	BLE 1M_High channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



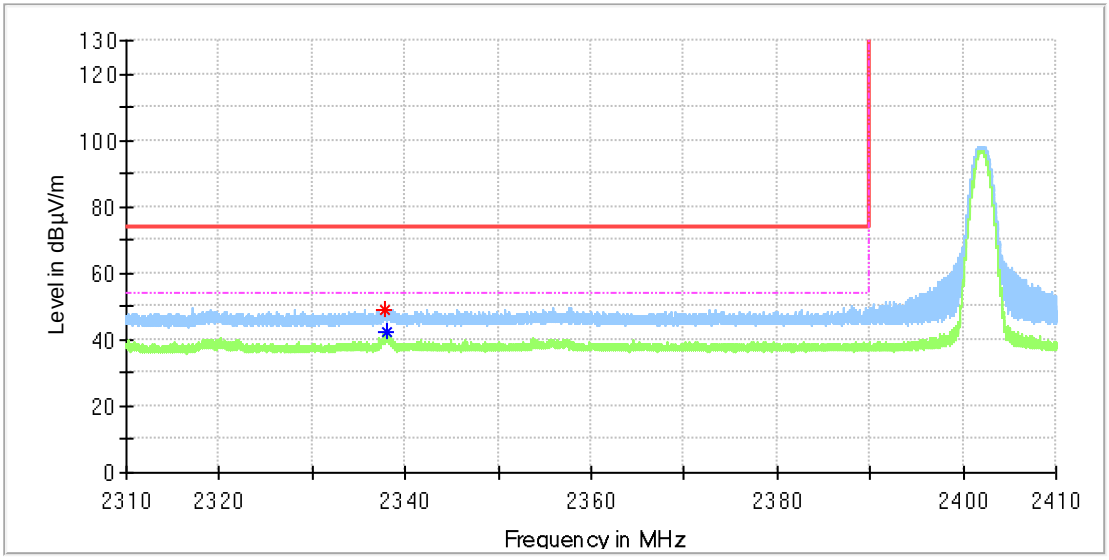
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7434.083333	42.32	---	74.00	31.68	100.0	V	304.0	8.4
7439.983333	---	36.58	54.00	17.42	100.0	V	277.0	8.4

Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model:	DRLJS180B
Test Mode:	BLE 1M_Low channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

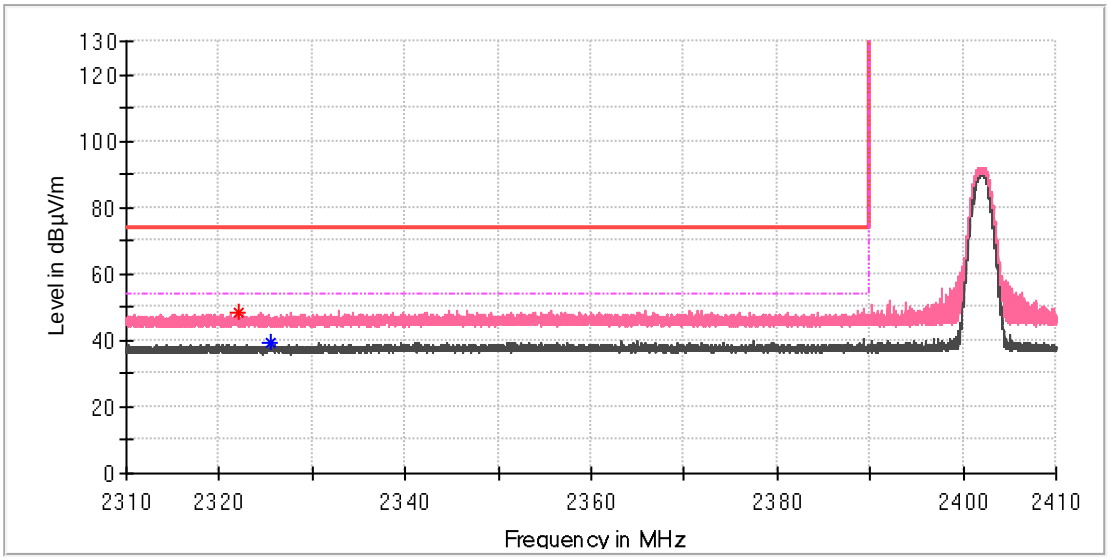


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2337.805000	48.98	---	74.00	25.02	100.0	H	291.0	6.8
2338.020000	---	42.03	54.00	11.97	100.0	H	164.0	6.8

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model:	DRLJS180B
Test Mode:	BLE 1M_Low channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

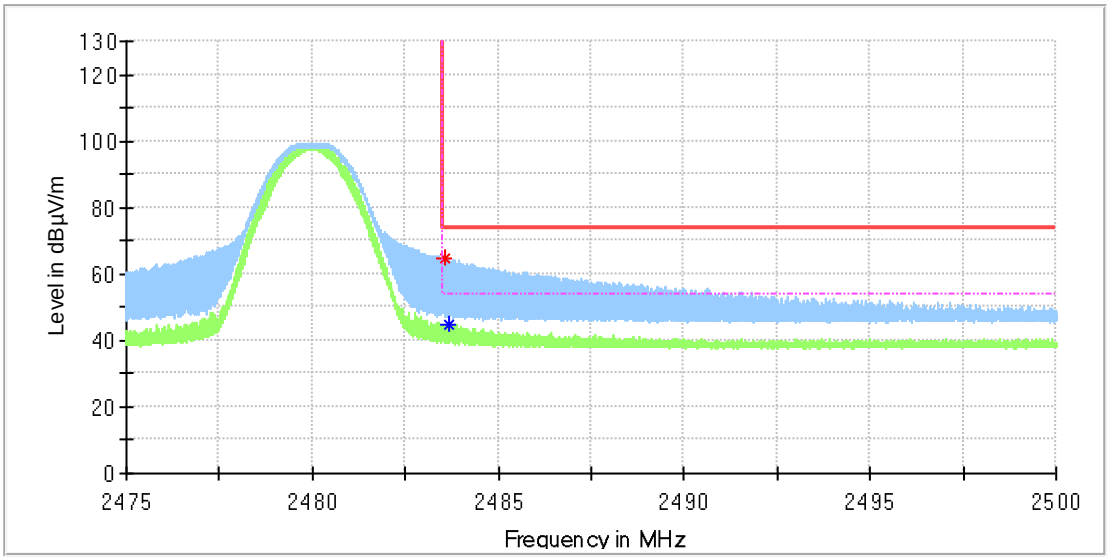


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2322.110000	48.47	---	74.00	25.53	100.0	V	263.0	6.6
2325.450000	---	39.21	54.00	14.79	100.0	V	263.0	6.7

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model:	DRLJS180B
Test Mode:	BLE 1M_High channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

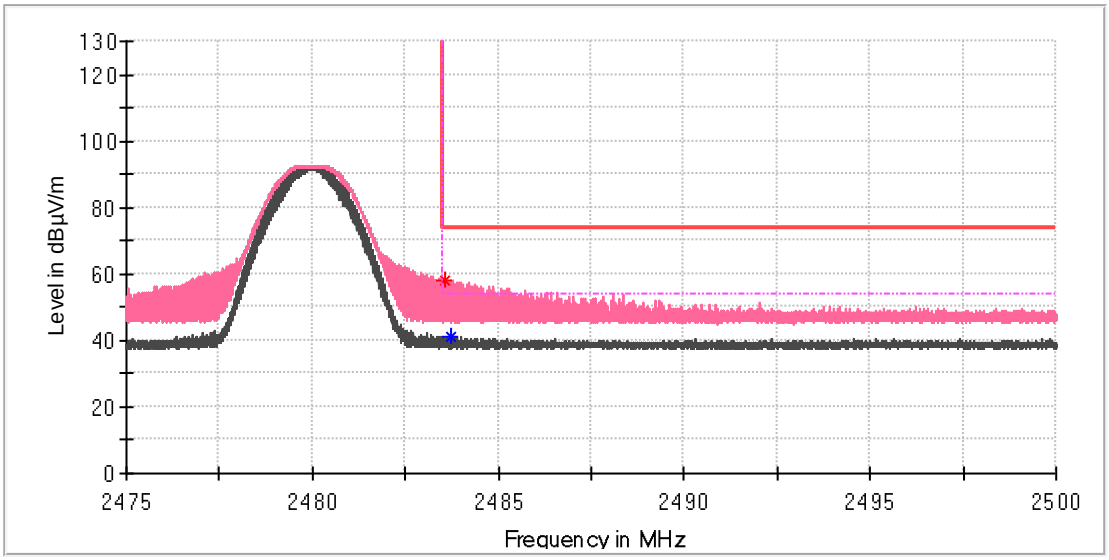


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.556250	64.52	---	74.00	9.48	100.0	H	235.0	7.4
2483.656250	---	44.98	54.00	9.02	100.0	H	235.0	7.4

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model:	DRLJS180B
Test Mode:	BLE 1M_High channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



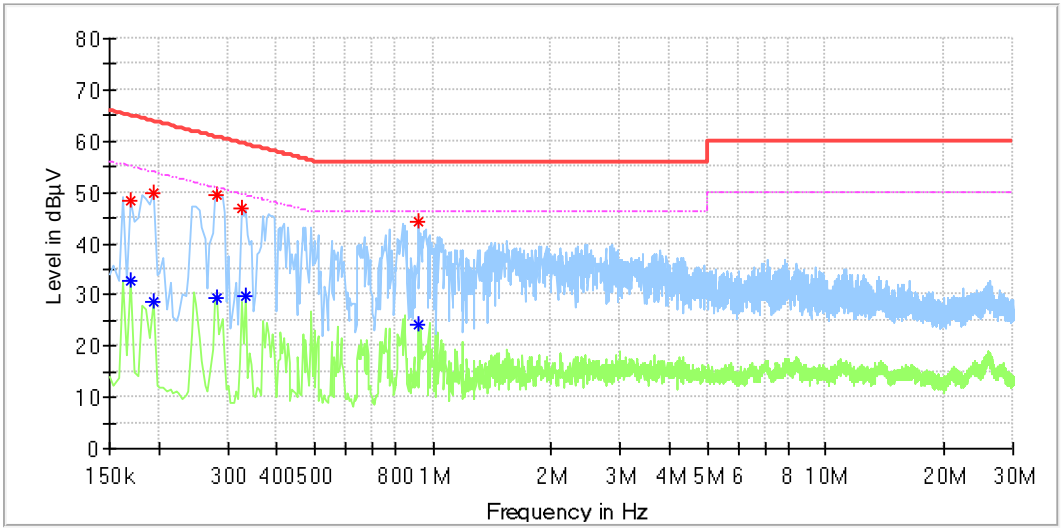
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.591250	58.09	---	74.00	15.91	100.0	V	213.0	7.4
2483.742500	---	41.24	54.00	12.76	100.0	V	213.0	7.4

Appendix B.7: Test Plots of Conducted Emission on AC Mains

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Order No:	168323904_130
Model:	DRLJS180B
Test mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR1

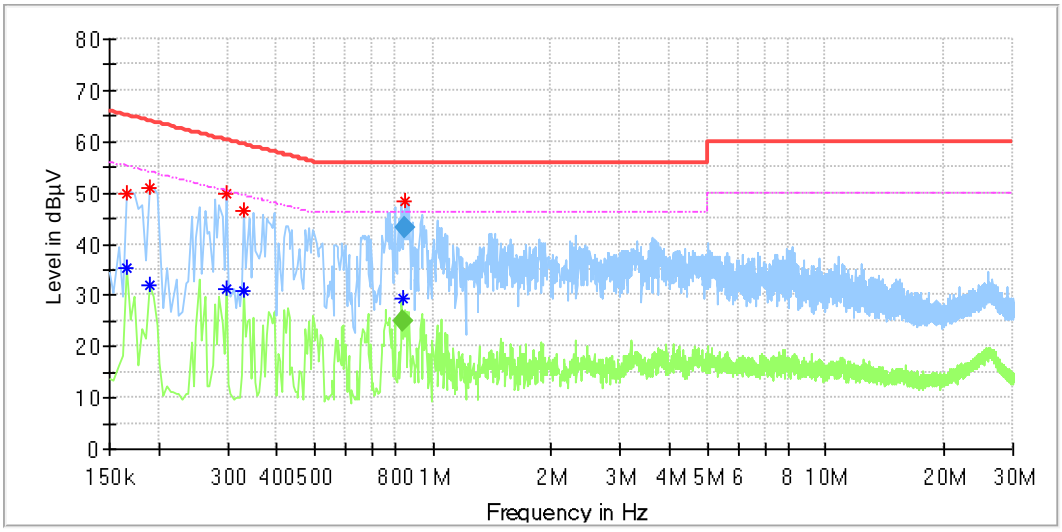


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.170000	48.44	---	64.96	16.52	L1	9.9
0.170000	---	32.64	54.96	22.32	L1	9.9
0.194000	49.72	---	63.86	14.14	L1	9.9
0.194000	---	28.51	53.86	25.36	L1	9.9
0.282000	49.53	---	60.76	11.23	L1	9.9
0.282000	---	29.44	50.76	21.31	L1	9.9
0.326000	46.88	---	59.55	12.68	L1	9.9
0.334000	---	29.75	49.35	19.60	L1	9.9
0.918000	---	24.21	46.00	21.79	L1	10.0
0.918000	44.39	---	56.00	11.61	L1	10.0

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Order No:	168323904_130
Model:	DRLJS180B
Test mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	50.02	---	65.16	15.14	N	9.8
0.166000	---	35.50	55.16	19.65	N	9.8
0.190000	51.14	---	64.04	12.90	N	9.8
0.190000	---	32.00	54.04	22.04	N	9.8
0.298000	49.85	---	60.30	10.45	N	9.8
0.298000	---	31.40	50.30	18.90	N	9.8
0.330000	46.37	---	59.45	13.08	N	9.8
0.330000	---	30.84	49.45	18.61	N	9.8
0.834500	---	29.43	46.00	16.57	N	9.8
0.849500	48.42	---	56.00	7.58	N	9.8

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.834500	---	25.00	46.00	21.00	200.0	9.000	N	9.8
0.849500	43.33	---	56.00	12.67	200.0	9.000	N	9.8

Appendix C: Test Results of FCC 15B & ICES-003 & ICES-005

APPENDIX C: TEST RESULTS OF FCC 15B & ICES-003 ..... **1**

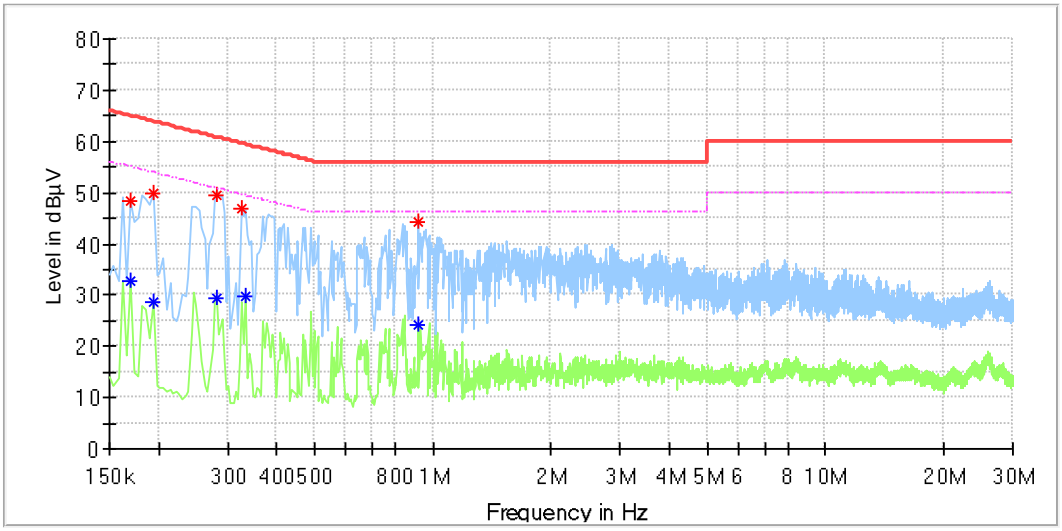
APPENDIX C.1: TEST PLOTS OF CONDUCTED EMISSION ON AC MAINS 2
Charging by an AC charger *2*
APPENDIX C.2: TEST PLOTS OF RADIATED EMISSION, BELOW 1GHZ 4
Charging by an AC charger *4*
Charging by included DC charger *6*
Using USB light ..... ***Error! Bookmark not defined.***
Using USB port to charge cell phone *10*
Communicate with Bluetooth *12*
APPENDIX C.3: TEST PLOTS OF RADIATED EMISSION, ABOVE 1GHZ 14
Charging by an AC charger *14*
Charging by included DC charger *16*
Using USB light ..... ***Error! Bookmark not defined.***
Using USB port to charge cell phone *20*
Communicate with Bluetooth *22*

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

Charging by an AC charger

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Order No:	168323904_130
Model:	DRLJS180B
Test mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR1

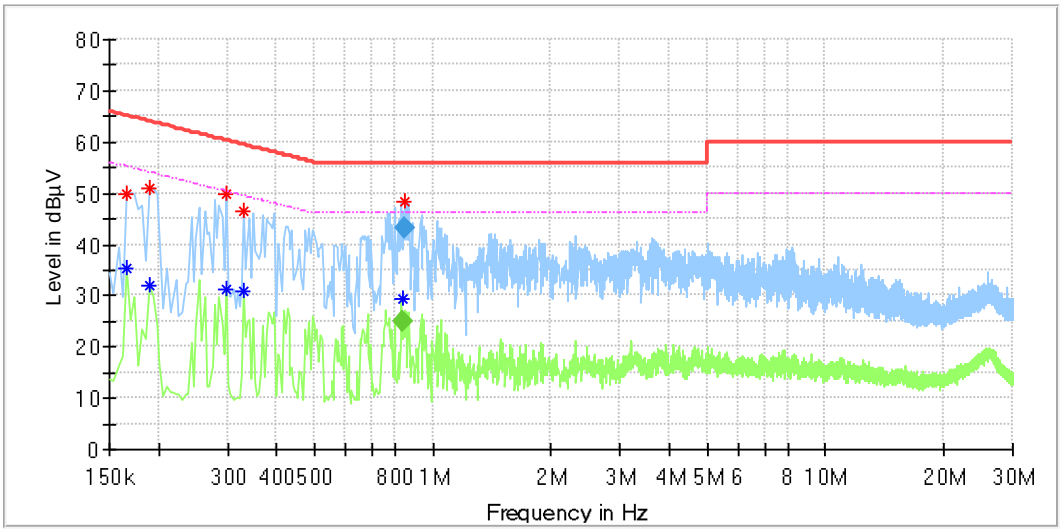


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.170000	48.44	---	64.96	16.52	L1	9.9
0.170000	---	32.64	54.96	22.32	L1	9.9
0.194000	49.72	---	63.86	14.14	L1	9.9
0.194000	---	28.51	53.86	25.36	L1	9.9
0.282000	49.53	---	60.76	11.23	L1	9.9
0.282000	---	29.44	50.76	21.31	L1	9.9
0.326000	46.88	---	59.55	12.68	L1	9.9
0.334000	---	29.75	49.35	19.60	L1	9.9
0.918000	---	24.21	46.00	21.79	L1	10.0
0.918000	44.39	---	56.00	11.61	L1	10.0

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Order No:	168323904_130
Model:	DRLJS180B
Test mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	SR1



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	50.02	---	65.16	15.14	N	9.8
0.166000	---	35.50	55.16	19.65	N	9.8
0.190000	51.14	---	64.04	12.90	N	9.8
0.190000	---	32.00	54.04	22.04	N	9.8
0.298000	49.85	---	60.30	10.45	N	9.8
0.298000	---	31.40	50.30	18.90	N	9.8
0.330000	46.37	---	59.45	13.08	N	9.8
0.330000	---	30.84	49.45	18.61	N	9.8
0.834500	---	29.43	46.00	16.57	N	9.8
0.849500	48.42	---	56.00	7.58	N	9.8

Final_Result

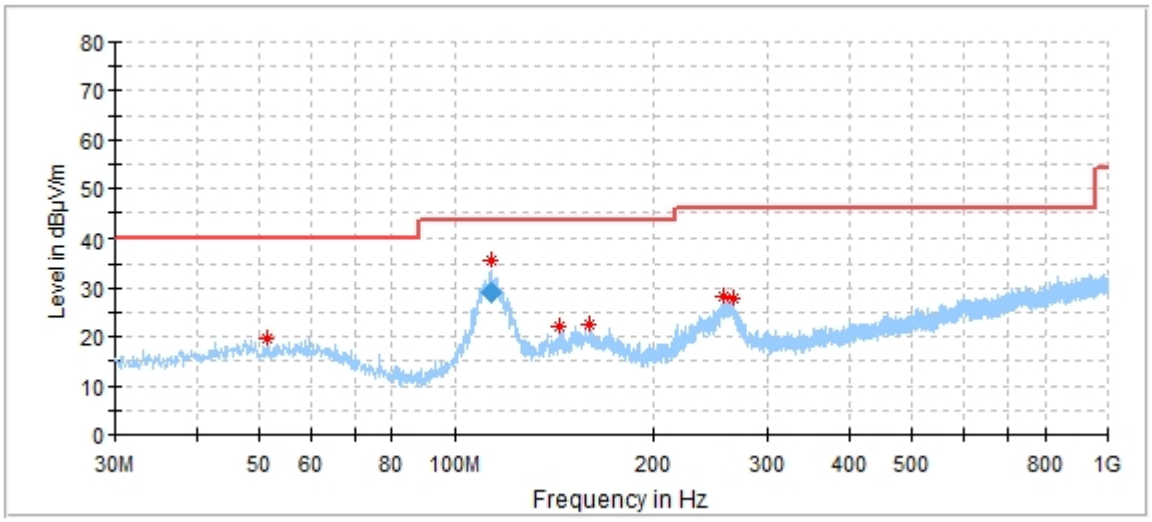
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.834500	---	25.00	46.00	21.00	200.0	9.000	N	9.8
0.849500	43.33	---	56.00	12.67	200.0	9.000	N	9.8

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

Note: The following illustration shows the limit that meet the FCC requirements, and these measured value also comply with IC requirements.
Charging by an AC charger

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



Critical_Freqs

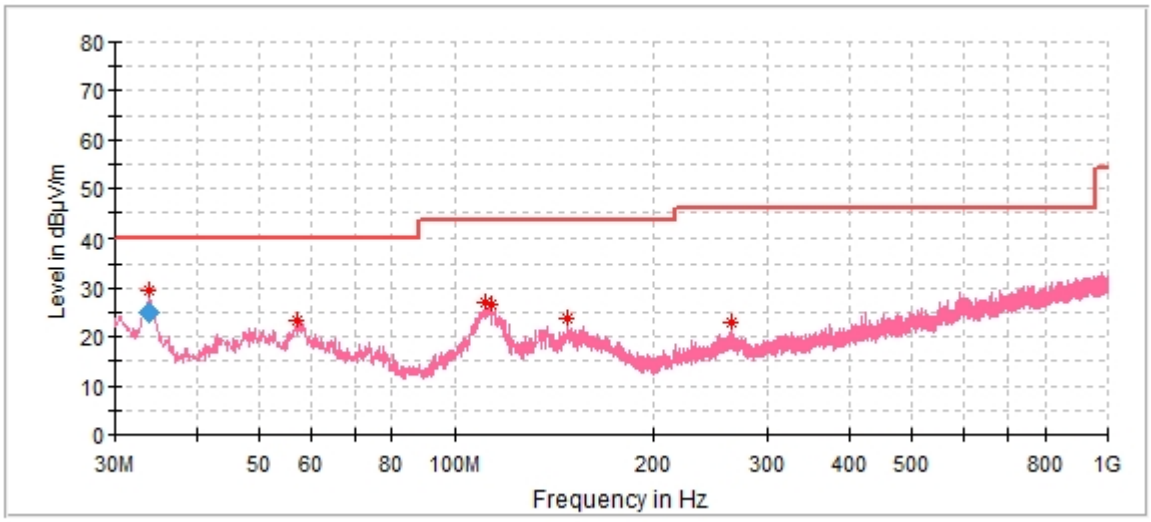
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.534000	19.59	40.00	20.41	200.0	H	283.0	20.8
113.497000	35.59	43.50	7.91	200.0	H	200.0	18.7
143.975000	22.24	43.50	21.26	200.0	H	208.0	20.2
159.980000	22.66	43.50	20.84	200.0	H	208.0	21.7
256.592000	28.45	46.00	17.55	100.0	H	199.0	19.6
265.710000	27.98	46.00	18.02	100.0	H	180.0	20.4

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)
113.497000	29.26	43.50	14.24	1000.0	120.000	200.0	H	200.0	18.7

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
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)
33.860000	29.52	40.00	10.48	100.0	V	83.0	18.3
57.354000	23.54	40.00	16.46	100.0	V	286.0	21.3
111.286000	27.27	43.50	16.23	100.0	V	53.0	18.2
113.614000	26.61	43.50	16.89	100.0	V	302.0	18.7
147.661000	23.74	43.50	19.76	100.0	V	199.0	20.4
264.643000	23.10	46.00	22.90	200.0	V	300.0	20.4

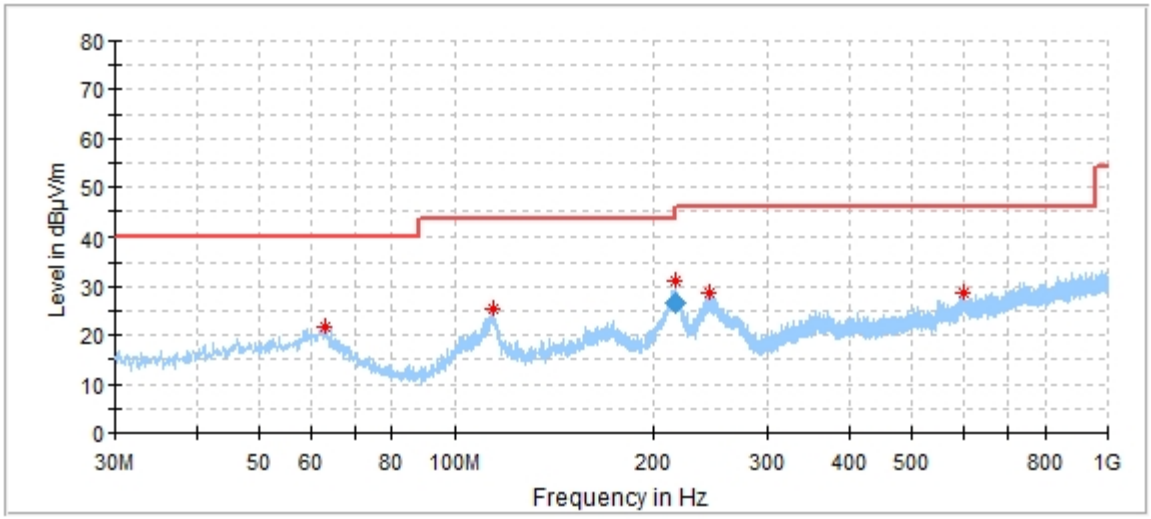
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
33.860000	24.83	40.00	15.17	1000.0	120.000	100.0	V	83.0	18.3

Charging by included DC charger

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by included DC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



Critical_Freqs

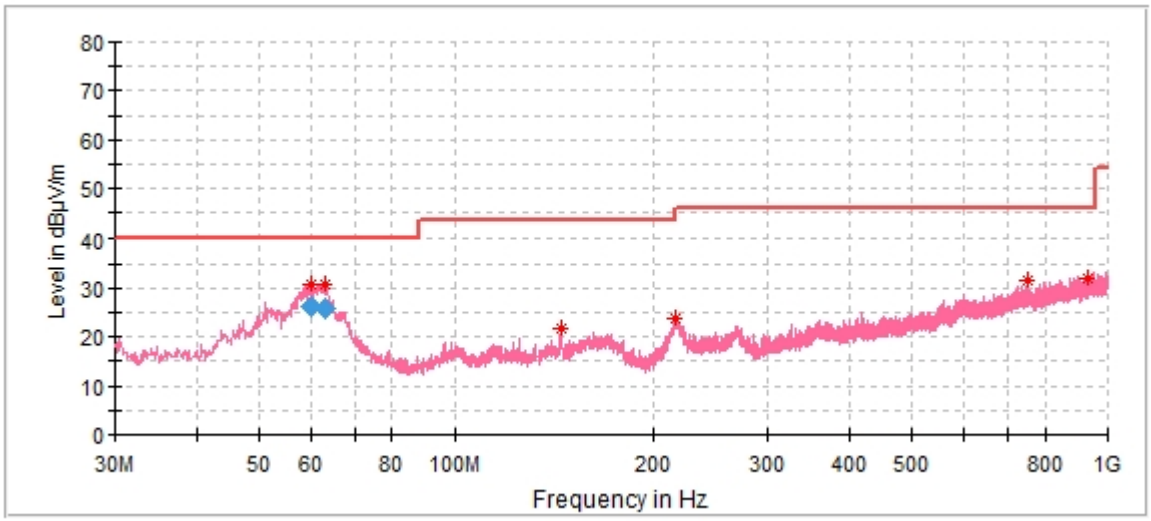
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
63.271000	21.79	40.00	18.21	200.0	H	18.0	20.4
114.390000	25.40	43.50	18.10	200.0	H	170.0	18.9
216.397000	31.06	46.00	14.94	100.0	H	294.0	18.4
244.176000	28.85	46.00	17.15	100.0	H	243.0	18.6
599.875000	28.83	46.00	17.17	200.0	H	200.0	28.1

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)
216.397000	26.72	46.00	19.28	1000.0	120.000	100.0	H	294.0	18.4

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by included DC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
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)
59.936000	30.68	40.00	9.32	100.0	V	170.0	20.9
63.077000	30.70	40.00	9.30	100.0	V	123.0	20.4
144.363000	21.83	43.50	21.67	200.0	V	254.0	20.2
217.210000	23.83	46.00	22.17	100.0	V	246.0	18.5
751.292000	31.50	46.00	14.50	100.0	V	297.0	30.5
933.652000	32.05	46.00	13.95	200.0	V	48.0	32.1

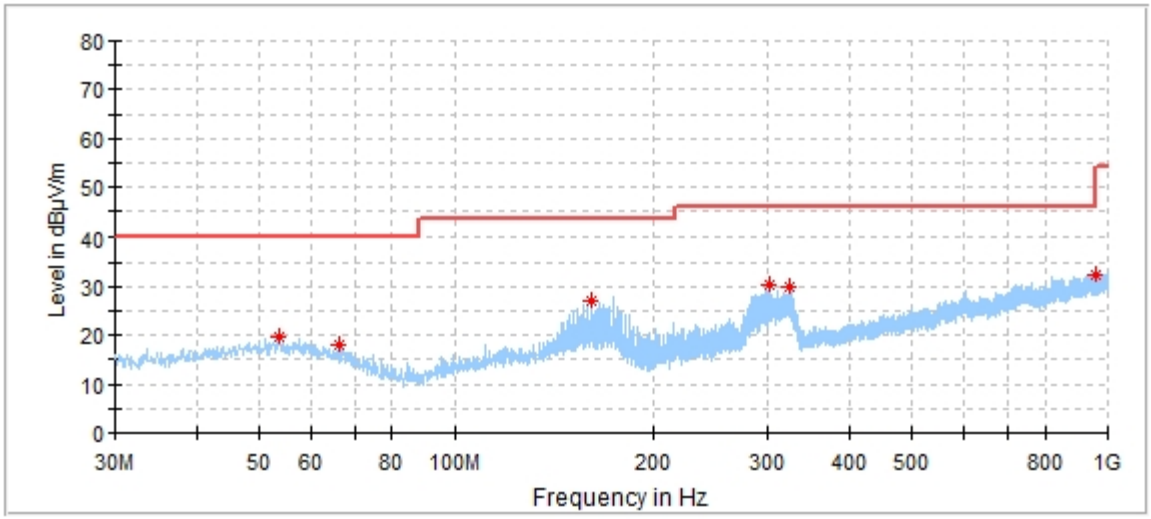
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
59.936000	26.22	40.00	13.78	1000.0	120.000	100.0	V	170.0	20.9
63.057000	25.74	40.00	14.26	1000.0	120.000	100.0	V	33.0	20.4

Using LED light

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using LED light
Test Voltage:	Battery
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

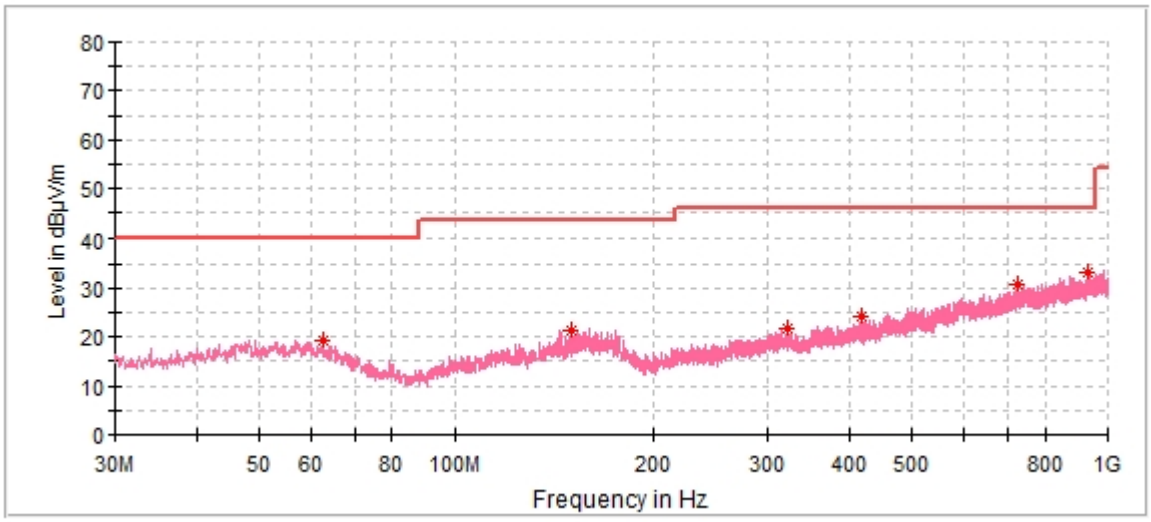


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.571000	19.56	40.00	20.44	100.0	H	110.0	20.9
66.375000	17.95	40.00	22.05	100.0	H	325.0	19.6
160.562000	27.00	43.50	16.50	200.0	H	263.0	22.0
301.309000	30.31	46.00	15.69	100.0	H	113.0	20.8
323.231000	29.75	46.00	16.25	100.0	H	89.0	21.8
955.671000	32.23	46.00	13.77	200.0	H	12.0	32.0

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using LED light
Test Voltage:	Battery
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



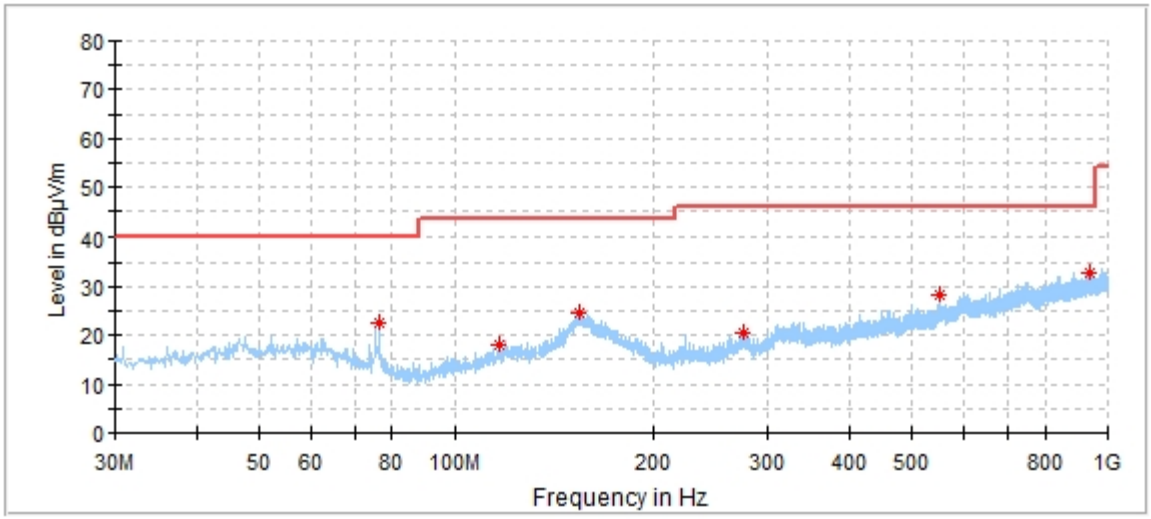
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
62.495000	19.30	40.00	20.70	100.0	V	236.0	20.5
149.407000	21.53	43.50	21.97	200.0	V	284.0	20.5
321.679000	21.76	46.00	24.24	100.0	V	347.0	21.8
417.903000	24.10	46.00	21.90	100.0	V	241.0	23.7
728.594000	30.64	46.00	15.36	100.0	V	186.0	29.6
933.264000	33.06	46.00	12.94	200.0	V	208.0	32.1

Using USB port to charge cell phone

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using USB port to charge cell phone
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

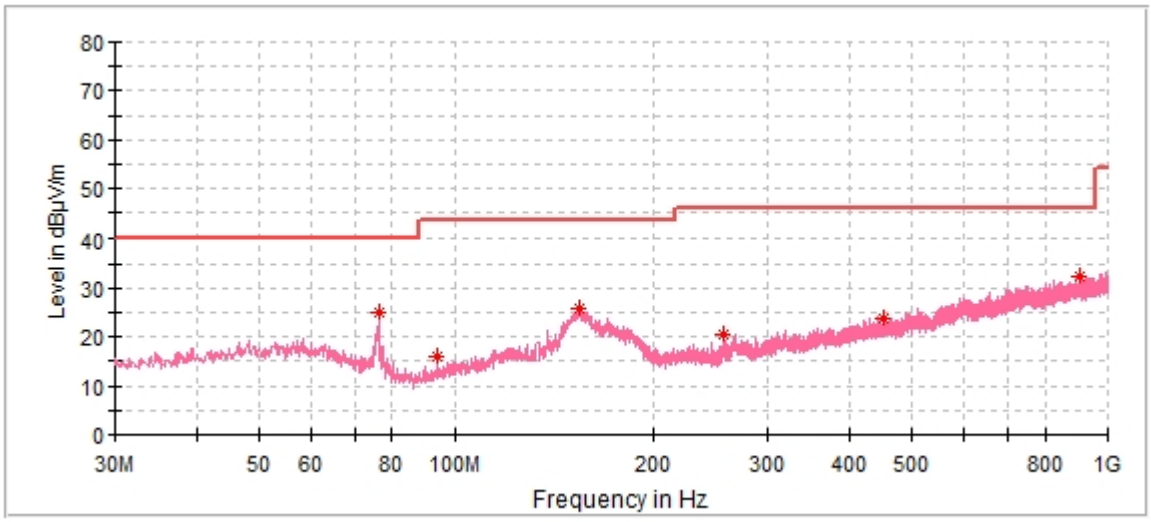


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
76.366000	22.64	40.00	17.36	200.0	H	160.0	16.5
117.203000	18.18	43.50	25.32	200.0	H	56.0	19.1
154.160000	24.69	43.50	18.81	200.0	H	99.0	21.3
274.731000	20.52	46.00	25.48	100.0	H	212.0	20.4
549.629000	28.42	46.00	17.58	100.0	H	13.0	26.7
935.107000	32.82	46.00	13.18	100.0	H	184.0	32.1

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using USB port to charge cell phone
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



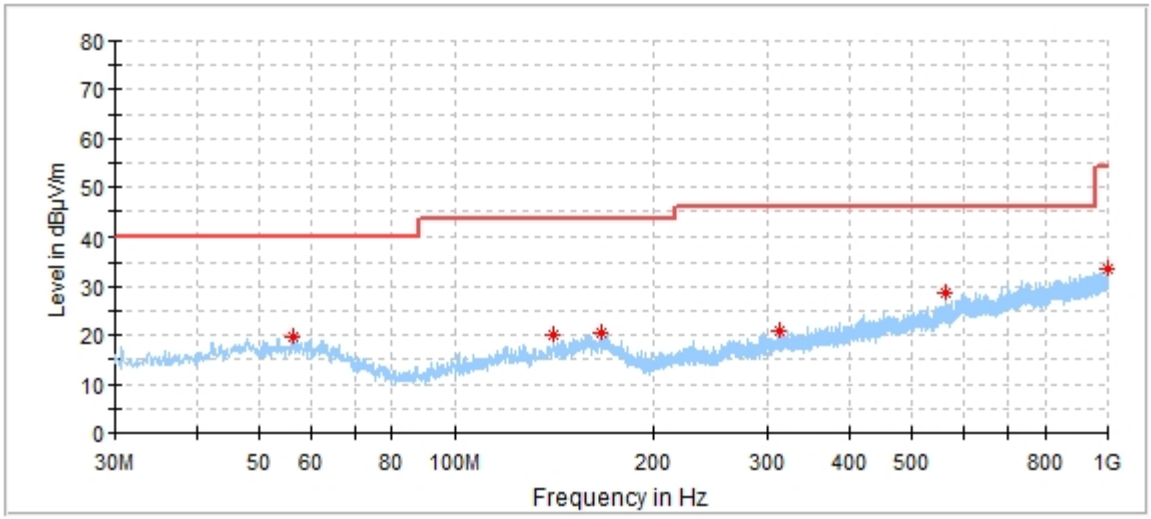
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
76.269000	25.08	40.00	14.92	100.0	V	112.0	16.5
93.923000	16.17	43.50	27.33	200.0	V	122.0	16.1
153.772000	25.66	43.50	17.84	100.0	V	0.0	21.2
256.980000	20.41	46.00	25.59	200.0	V	18.0	19.6
453.017000	23.61	46.00	22.39	200.0	V	163.0	24.7
903.970000	32.35	46.00	13.65	100.0	V	351.0	31.3

Communicate with Bluetooth

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Communicate with Bluetooth
Test Voltage:	Battery
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

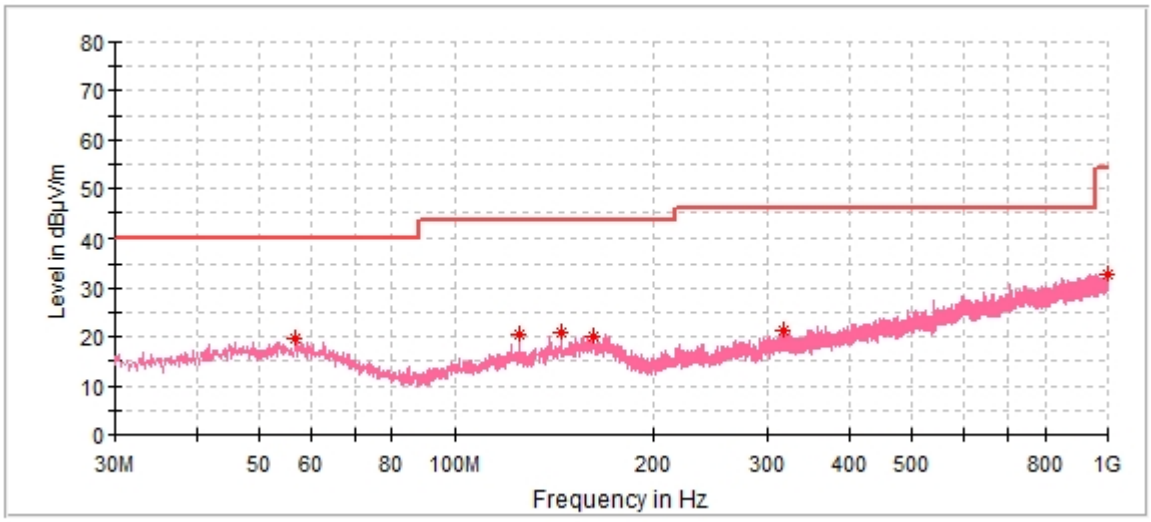


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.190000	19.68	40.00	20.32	200.0	H	89.0	21.2
140.774000	20.09	43.50	23.41	200.0	H	323.0	20.2
167.061000	20.37	43.50	23.13	200.0	H	239.0	21.4
311.882000	20.96	46.00	25.04	100.0	H	333.0	21.7
561.657000	28.91	46.00	17.09	200.0	H	279.0	26.5
998.351000	33.65	54.00	20.35	100.0	H	32.0	32.3

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Communicate with Bluetooth
Test Voltage:	Battery
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



Critical_Freqs

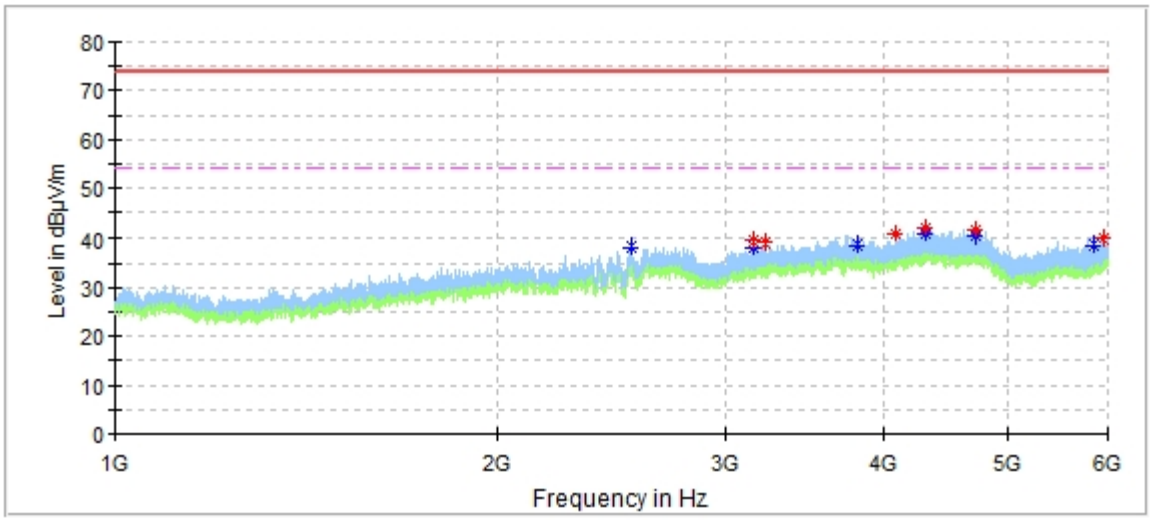
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.675000	19.79	40.00	20.21	200.0	V	48.0	21.3
125.642000	20.47	43.50	23.03	100.0	V	238.0	19.1
144.460000	21.00	43.50	22.50	100.0	V	238.0	20.2
161.823000	20.26	43.50	23.24	200.0	V	51.0	21.5
316.441000	21.49	46.00	24.51	100.0	V	356.0	21.8
998.933000	32.88	54.00	21.12	200.0	V	320.0	32.3

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

Charging by an AC charger

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

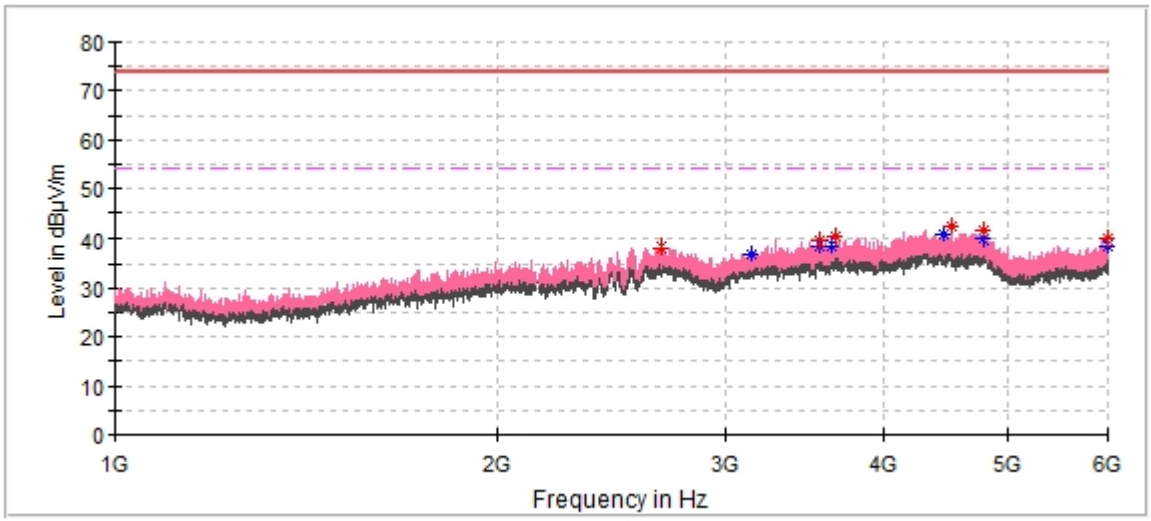


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4316.500000	41.72	---	74.00	32.28	100.0	H	30.0	2.2
4316.500000	---	40.76	54.00	13.24	100.0	H	30.0	2.2
5956.000000	39.83	---	74.00	34.17	200.0	H	8.0	2.1
4086.500000	40.41	---	74.00	33.59	200.0	H	30.0	0.9
4727.000000	41.49	---	74.00	32.51	200.0	H	144.0	2.8
5850.000000	---	38.55	54.00	15.45	200.0	H	166.0	1.1
2533.000000	---	38.02	54.00	15.98	200.0	H	212.0	-4.2
3163.500000	---	38.26	54.00	15.74	200.0	H	212.0	-2.6
3163.500000	39.57	---	74.00	34.43	200.0	H	212.0	-2.6
3234.000000	38.89	---	74.00	35.11	200.0	H	212.0	-2.0
3813.000000	---	38.55	54.00	15.45	200.0	H	240.0	0.0
4732.000000	---	40.40	54.00	13.60	200.0	H	281.0	2.8

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by an AC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



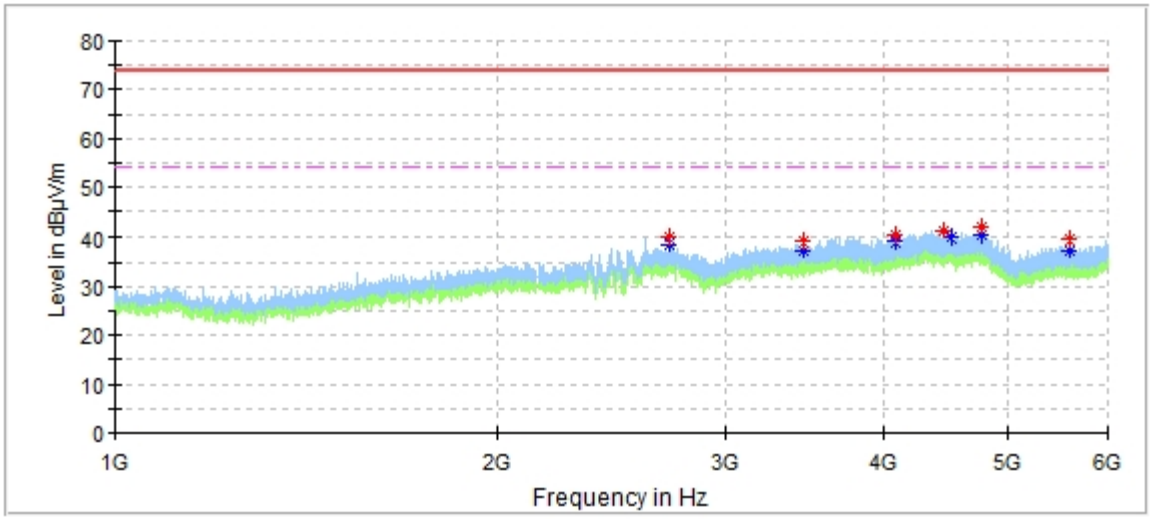
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4786.000000	---	39.94	54.00	14.06	100.0	V	174.0	2.6
4786.000000	41.27	---	74.00	32.73	100.0	V	174.0	2.6
2681.000000	38.18	---	74.00	35.82	100.0	V	206.0	-3.1
4519.000000	42.12	---	74.00	31.88	100.0	V	206.0	2.1
3152.000000	---	37.00	54.00	17.00	100.0	V	212.0	-2.7
3638.500000	---	38.74	54.00	15.26	100.0	V	285.0	-0.3
3671.000000	40.16	---	74.00	33.84	200.0	V	63.0	0.0
5998.000000	39.99	---	74.00	34.01	200.0	V	97.0	2.5
5998.500000	---	38.37	54.00	15.63	200.0	V	97.0	2.5
3562.500000	---	38.41	54.00	15.59	200.0	V	228.0	-0.8
4463.000000	---	40.59	54.00	13.41	200.0	V	313.0	2.0
3565.000000	39.39	---	74.00	34.61	200.0	V	318.0	-0.8

Charging by included DC charger

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by included DC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

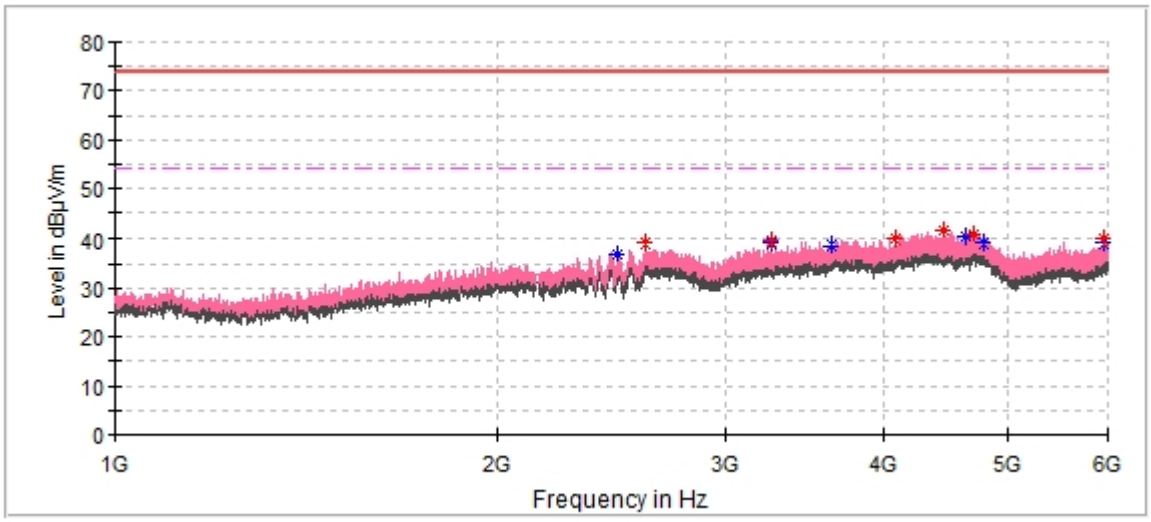


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4465.500000	41.13	---	74.00	32.87	100.0	H	326.0	2.0
4082.000000	---	39.05	54.00	14.95	200.0	H	15.0	0.8
4082.000000	40.05	---	74.00	33.95	200.0	H	15.0	0.8
5603.500000	39.37	---	74.00	34.63	200.0	H	20.0	0.9
5603.500000	---	37.48	54.00	16.52	200.0	H	20.0	0.9
4783.000000	---	40.33	54.00	13.67	200.0	H	60.0	2.6
4783.000000	41.81	---	74.00	32.19	200.0	H	60.0	2.6
2716.000000	39.73	---	74.00	34.27	200.0	H	208.0	-3.3
2716.000000	---	38.48	54.00	15.52	200.0	H	208.0	-3.3
3462.500000	---	37.30	54.00	16.70	200.0	H	248.0	-1.3
3462.500000	38.93	---	74.00	35.07	200.0	H	248.0	-1.3
4521.000000	---	39.63	54.00	14.37	200.0	H	318.0	2.1

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Charging by included DC charger
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



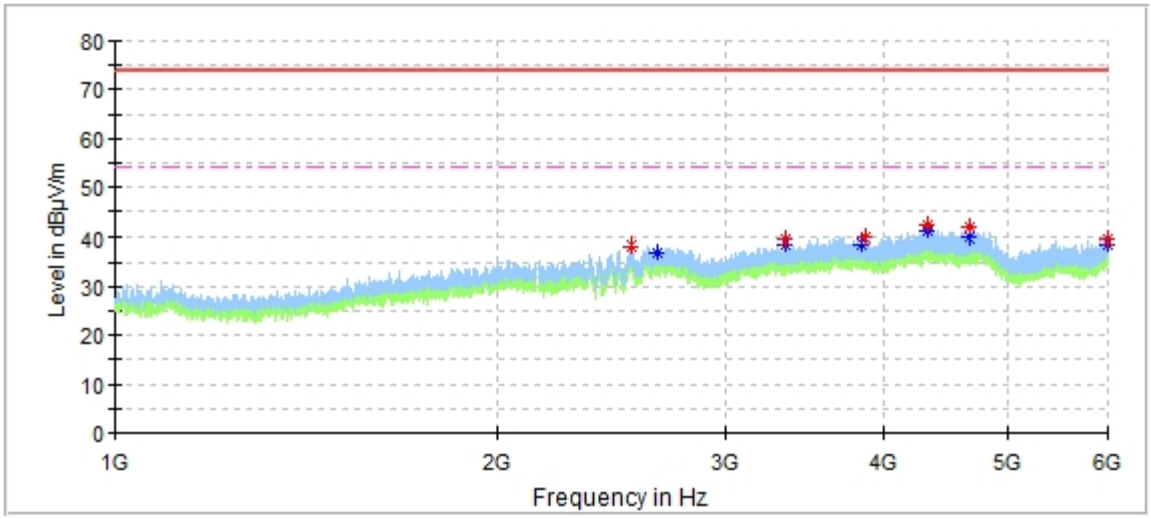
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4790.000000	---	39.09	54.00	14.91	100.0	V	70.0	2.5
4633.500000	---	40.01	54.00	13.99	100.0	V	312.0	2.1
5961.000000	---	39.09	54.00	14.91	200.0	V	0.0	2.2
5961.000000	39.73	---	74.00	34.27	200.0	V	0.0	2.2
4452.000000	41.51	---	74.00	32.49	200.0	V	121.0	2.0
2600.000000	38.92	---	74.00	35.08	200.0	V	172.0	-3.8
3646.500000	---	38.42	54.00	15.58	200.0	V	183.0	-0.2
4710.000000	40.50	---	74.00	33.50	200.0	V	194.0	2.7
2475.500000	---	36.93	54.00	17.07	200.0	V	206.0	-4.8
3269.500000	---	38.90	54.00	15.10	200.0	V	212.0	-1.9
3269.500000	39.47	---	74.00	34.53	200.0	V	212.0	-1.9
4081.000000	39.85	---	74.00	34.15	200.0	V	269.0	0.8

Using LED light

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using LED light
Test Voltage:	Battery
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

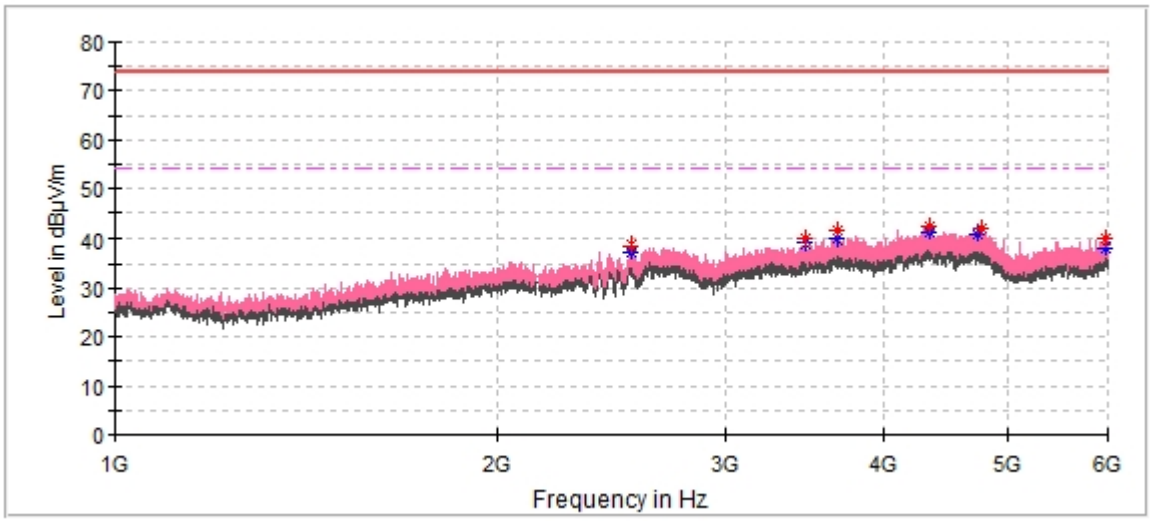


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3350.500000	---	38.55	54.00	15.45	100.0	H	148.0	-1.7
3350.500000	39.41	---	74.00	34.59	100.0	H	148.0	-1.7
3844.000000	---	38.47	54.00	15.53	100.0	H	204.0	0.0
5994.000000	---	38.53	54.00	15.47	100.0	H	265.0	2.4
3870.000000	39.88	---	74.00	34.12	200.0	H	166.0	0.0
4334.000000	42.30	---	74.00	31.70	200.0	H	193.0	2.2
4334.000000	---	40.97	54.00	13.03	200.0	H	193.0	2.2
2534.000000	38.35	---	74.00	35.65	200.0	H	204.0	-4.2
4673.500000	41.87	---	74.00	32.13	200.0	H	273.0	2.4
4673.500000	---	39.86	54.00	14.14	200.0	H	273.0	2.4
2653.000000	---	36.81	54.00	17.19	200.0	H	303.0	-3.2
5999.000000	39.49	---	74.00	34.51	200.0	H	320.0	2.5

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using LED light
Test Voltage:	Battery
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



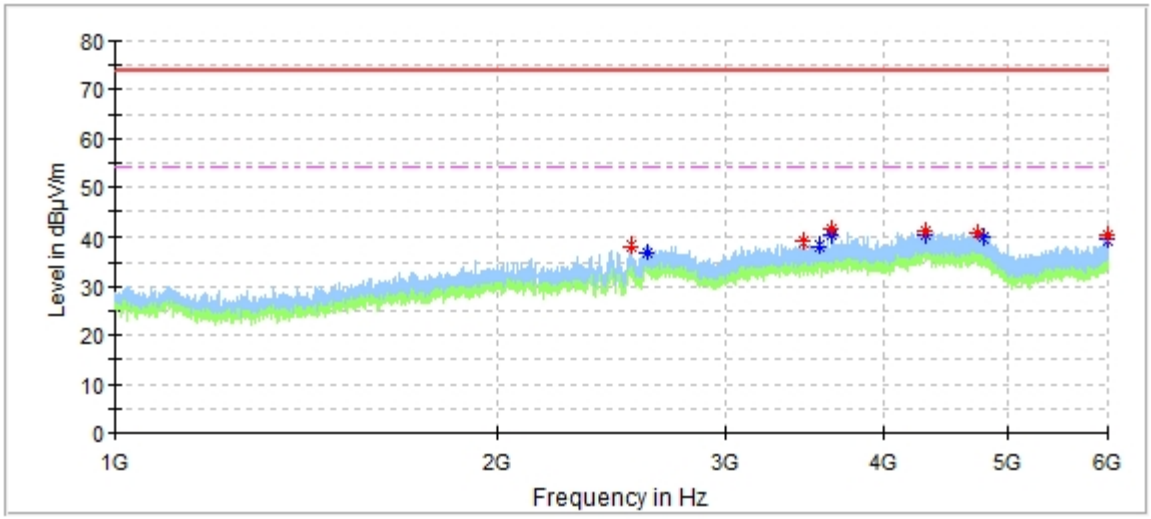
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2532.500000	38.63	---	74.00	35.37	100.0	V	0.0	-4.2
2532.500000	---	37.37	54.00	16.63	100.0	V	0.0	-4.2
5971.500000	---	38.25	54.00	15.75	100.0	V	23.0	2.2
5989.000000	39.68	---	74.00	34.32	100.0	V	95.0	2.4
4783.500000	41.82	---	74.00	32.18	100.0	V	130.0	2.6
4349.000000	42.27	---	74.00	31.73	100.0	V	266.0	2.2
4349.000000	---	41.14	54.00	12.86	100.0	V	266.0	2.2
3678.500000	---	40.00	54.00	14.00	100.0	V	344.0	0.1
3678.500000	41.51	---	74.00	32.49	100.0	V	344.0	0.1
4743.500000	---	40.74	54.00	13.26	200.0	V	52.0	2.8
3473.500000	39.63	---	74.00	34.37	200.0	V	117.0	-1.2
3473.500000	---	38.87	54.00	15.13	200.0	V	117.0	-1.2

Using USB port to charge cell phone

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using USB port to charge cell phone
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

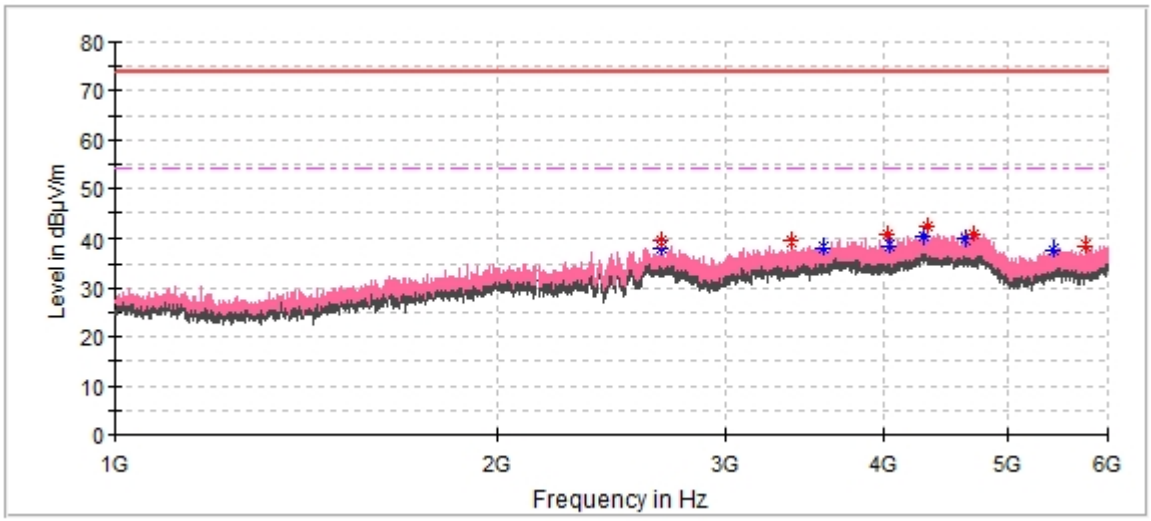


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4745.500000	40.71	---	74.00	33.29	100.0	H	68.0	2.8
2532.000000	38.20	---	74.00	35.80	100.0	H	132.0	-4.2
3458.000000	38.84	---	74.00	35.16	100.0	H	258.0	-1.3
3557.500000	---	38.11	54.00	15.89	100.0	H	269.0	-0.8
4312.000000	---	40.28	54.00	13.72	200.0	H	0.0	2.2
5999.000000	---	39.25	54.00	14.75	200.0	H	2.0	2.5
5999.000000	40.01	---	74.00	33.99	200.0	H	2.0	2.5
4315.500000	40.98	---	74.00	33.02	200.0	H	66.0	2.2
4799.000000	---	39.85	54.00	14.15	200.0	H	88.0	2.4
3642.500000	---	40.24	54.00	13.76	200.0	H	123.0	-0.2
3642.500000	41.34	---	74.00	32.66	200.0	H	123.0	-0.2
2608.500000	---	36.73	54.00	17.27	200.0	H	191.0	-3.6

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Using USB port to charge cell phone
Test Voltage:	AC 120V/60Hz
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber



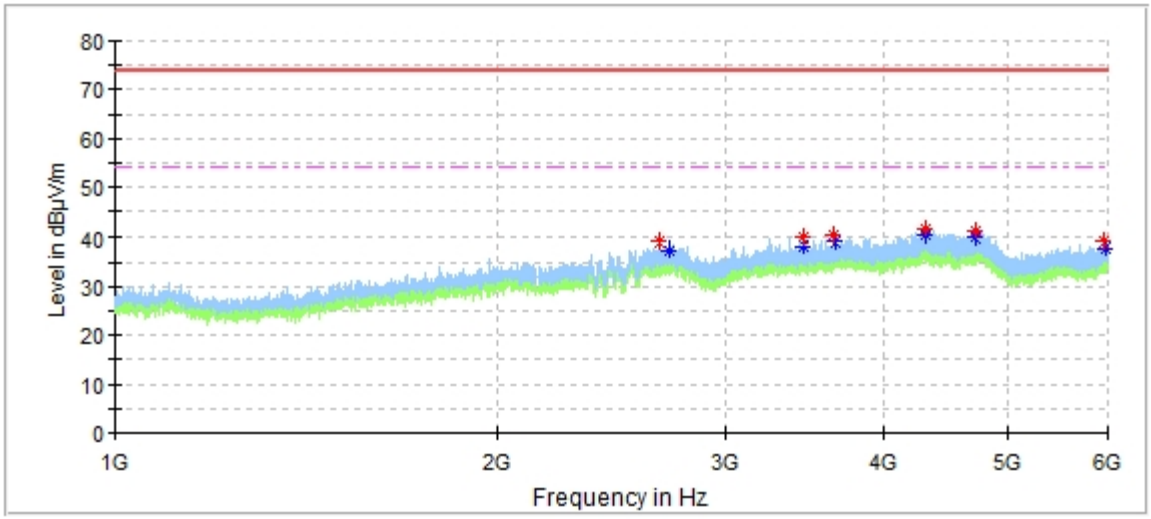
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3584.500000	---	37.98	54.00	16.03	200.0	V	30.0	-0.7
4303.500000	---	40.39	54.00	13.61	200.0	V	35.0	2.2
4702.000000	40.80	---	74.00	33.20	200.0	V	41.0	2.6
3391.000000	39.35	---	74.00	34.65	200.0	V	58.0	-1.6
2680.500000	39.33	---	74.00	34.67	200.0	V	81.0	-3.1
2680.500000	---	38.13	54.00	15.87	200.0	V	81.0	-3.1
4029.500000	40.46	---	74.00	33.54	200.0	V	99.0	0.2
5441.500000	---	37.58	54.00	16.42	200.0	V	116.0	0.6
4326.500000	42.36	---	74.00	31.64	200.0	V	162.0	2.2
5773.500000	38.69	---	74.00	35.31	200.0	V	188.0	0.7
4045.500000	---	38.59	54.00	15.41	200.0	V	194.0	0.4
4648.500000	---	39.90	54.00	14.10	200.0	V	229.0	2.2

Communicate with Bluetooth

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Communicate with Bluetooth
Test Voltage:	Battery
Test By:	Ouyang Wang
Review By:	Gary Chen
Remark:	3m Chamber

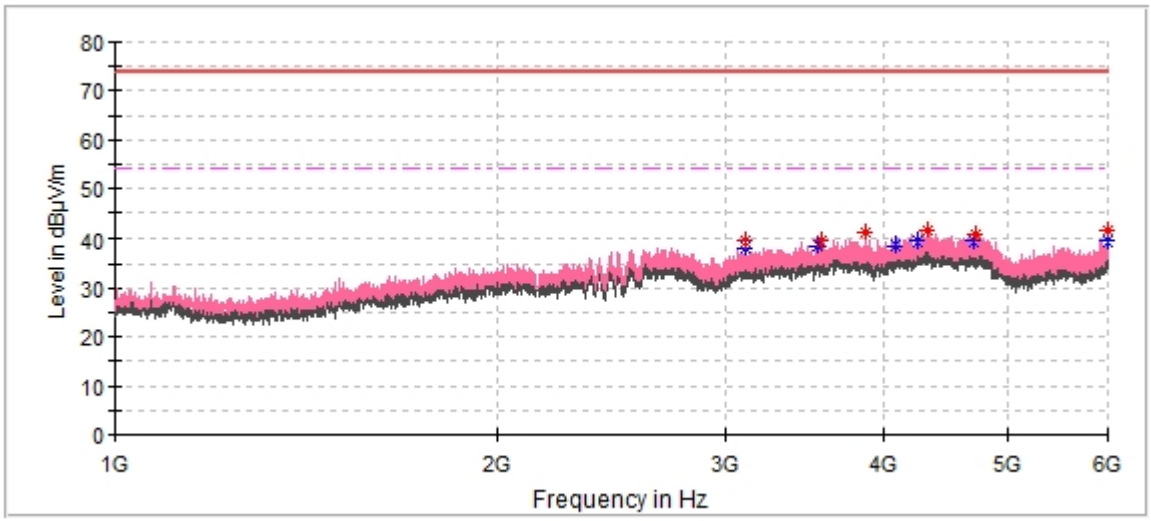


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3667.500000	---	39.03	54.00	14.97	100.0	H	101.0	0.0
2720.500000	---	37.21	54.00	16.79	100.0	H	227.0	-3.2
5965.000000	38.94	---	74.00	35.06	100.0	H	277.0	2.2
3655.000000	40.06	---	74.00	33.94	200.0	H	74.0	-0.1
4727.500000	41.14	---	74.00	32.86	200.0	H	106.0	2.8
4727.500000	---	39.87	54.00	14.13	200.0	H	106.0	2.8
3460.000000	---	38.10	54.00	15.90	200.0	H	197.0	-1.3
3460.000000	39.69	---	74.00	34.31	200.0	H	197.0	-1.3
5973.500000	---	37.59	54.00	16.41	200.0	H	254.0	2.3
4317.000000	---	40.34	54.00	13.66	200.0	H	294.0	2.2
4317.000000	41.35	---	74.00	32.65	200.0	H	294.0	2.2
2667.500000	39.17	---	74.00	34.83	200.0	H	301.0	-3.3

EUT Information

EUT Name:	Lithium-Ion Jump-Starter
Model	DRLJS180B
Order No:	168323904 item 130
Test Mode:	Communicate with Bluetooth
Test Voltage:	Battery
Test By:	Ouyang Wang
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)
4724.000000	40.74	---	74.00	33.26	100.0	V	0.0	3
3549.500000	---	38.76	54.00	15.24	100.0	V	229.0	-1
4333.500000	41.44	---	74.00	32.56	200.0	V	20.0	2
3573.000000	39.44	---	74.00	34.56	200.0	V	44.0	-1
4084.000000	---	38.69	54.00	15.31	200.0	V	154.0	1
5995.000000	---	39.20	54.00	14.80	200.0	V	225.0	2
5995.000000	41.25	---	74.00	32.75	200.0	V	225.0	2
3879.000000	41.05	---	74.00	32.95	200.0	V	243.0	0
4249.000000	---	39.55	54.00	14.45	200.0	V	276.0	2
3116.000000	39.37	---	74.00	34.63	200.0	V	288.0	-3
3116.000000	---	37.96	54.00	16.04	200.0	V	288.0	-3
4710.500000	---	39.20	54.00	14.80	200.0	V	342.0	3