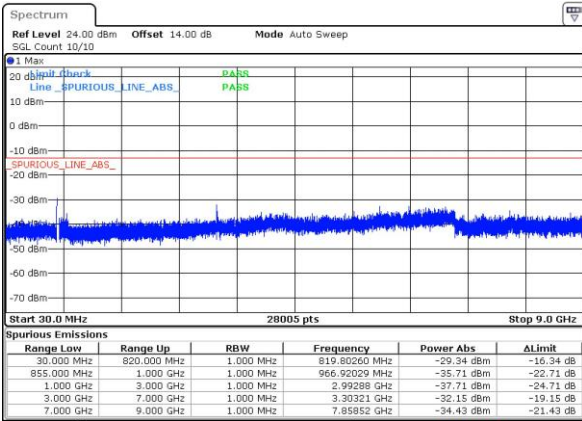




WCDMA Band V (RMC 12.2Kbps)

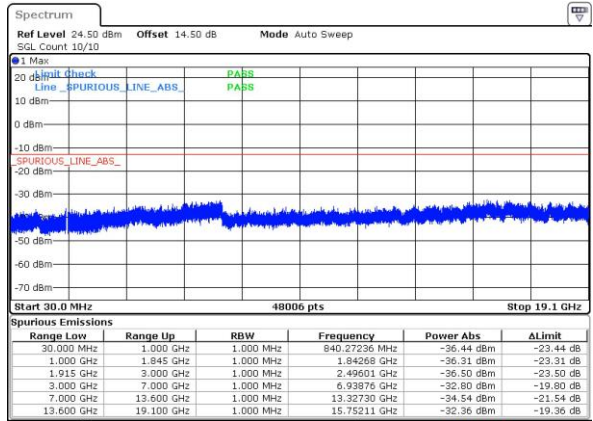
Lowest Channel



Date: 5 JUL 2018 14:19:28

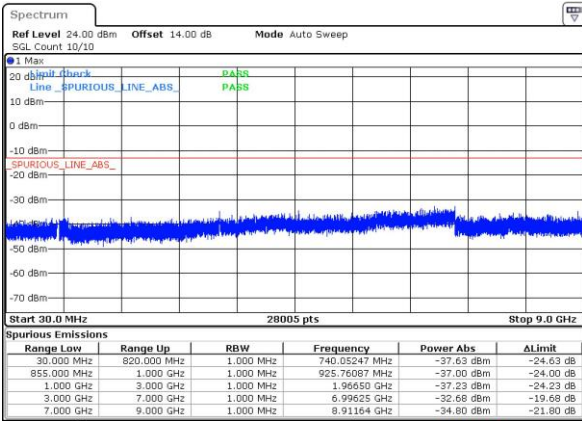
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



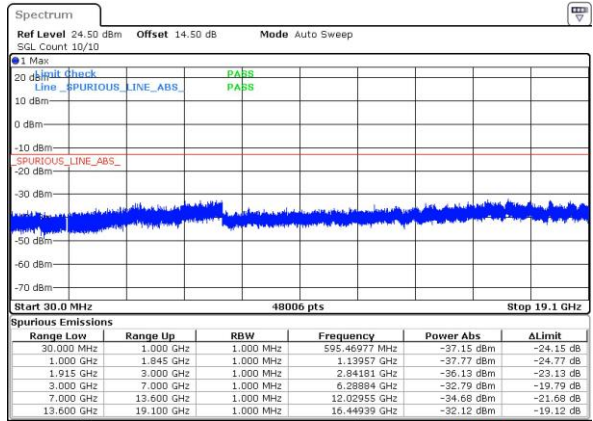
Date: 5 JUL 2018 14:56:40

Middle Channel



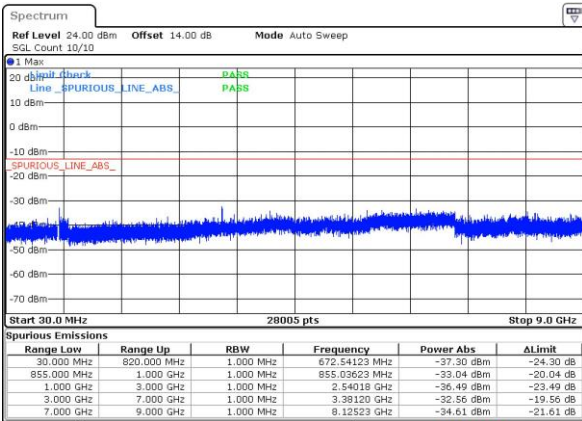
Date: 5 JUL 2018 14:21:00

Middle Channel



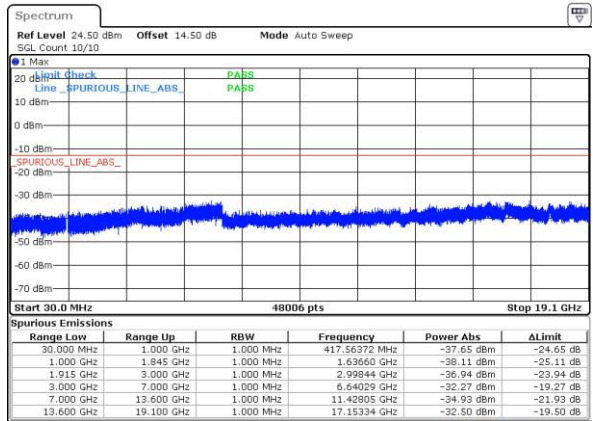
Date: 5 JUL 2018 14:58:28

Highest Channel



Date: 5 JUL 2018 14:22:29

Highest Channel



Date: 5 JUL 2018 15:01:21



Frequency Stability

Test Conditions	Middle Channel	GSM850 (GSM)	GSM850 (EDGE class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0023	0.0006	PASS
40	Normal Voltage	0.0007	0.0010	
30	Normal Voltage	0.0022	0.0008	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0056	0.0020	
0	Normal Voltage	0.0035	0.0002	
-10	Normal Voltage	0.0000	0.0012	
-20	Normal Voltage	0.0022	0.0022	
-30	Normal Voltage	0.0016	0.0006	
20	Maximum Voltage	0.0010	0.0017	
20	Normal Voltage	0.0000	0.0000	
20	Battery End Point	0.0012	0.0022	

Note: Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35 V

Test Conditions	Middle Channel	GSM1900 (GSM)	GSM1900 (EDGE class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)		Result
50	Normal Voltage	0.0009	0.0113	PASS
40	Normal Voltage	0.0004	0.0108	
30	Normal Voltage	0.0011	0.0021	
20(Ref.)	Normal Voltage	0.0000	0.0000	
10	Normal Voltage	0.0005	0.0085	
0	Normal Voltage	0.0001	0.0090	
-10	Normal Voltage	0.0005	0.0094	
-20	Normal Voltage	0.0009	0.0095	
-30	Normal Voltage	0.0004	0.0105	
20	Maximum Voltage	0.0005	0.0101	
20	Normal Voltage	0.0019	0.0000	
20	Battery End Point	0.0009	0.0108	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0185	PASS
40	Normal Voltage	0.0208	
30	Normal Voltage	0.0215	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0195	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0172	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0031	

Note: Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35 V

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Conducted Test

Radiated Spurious Emission

For sample 1(model name AN55TV)

GSM850 (GSM)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-56.54	-13	-43.54	-58.25	-60.91	2.88	9.40	H
	2509.2	-59.69	-13	-46.69	-65.75	-65.64	2.5	10.60	H
	3345.6	-68.28	-13	-55.28	-76.28	-74.10	4.63	12.60	H
	4182	-66.07	-13	-53.07	-78.15	-71.50	5.02	12.60	H
	1672.8	-55.93	-13	-42.93	-57.77	-60.30	2.88	9.40	V
	2509.2	-58.12	-13	-45.12	-64.07	-64.07	2.50	10.60	V
	3345.6	-68.71	-13	-55.71	-76.74	-74.53	4.63	12.60	V
	4182	-65.40	-13	-52.40	-77.36	-70.83	5.02	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM850 (EDGE class 8)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-57.77	-13	-44.77	-59.48	-62.14	2.88	9.40	H
	2509.2	-55.88	-13	-42.88	-61.94	-61.83	2.5	10.60	H
	3345.6	-68.19	-13	-55.19	-76.19	-74.01	4.63	12.60	H
	4182	-65.78	-13	-52.78	-77.86	-71.21	5.02	12.60	H
	1672.8	-55.88	-13	-42.88	-57.72	-60.25	2.88	9.40	V
	2509.2	-62.54	-13	-49.54	-68.49	-68.49	2.50	10.60	V
	3345.6	-68.45	-13	-55.45	-76.48	-74.27	4.63	12.60	V
	4182	-65.91	-13	-52.91	-77.87	-71.34	5.02	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



GSM1900 (GSM)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760.00	-45.70	-13	-32.70	-59.32	-53.30	5.00	12.60	H
	5640.00	-59.67	-13	-46.67	-76.27	-65.47	7.30	13.10	H
	7520.00	-59.85	-13	-46.85	-79.83	-63.42	7.73	11.30	H
	3760.00	-46.01	-13	-33.01	-60.34	-53.61	5.00	12.60	V
	5640.00	-59.51	-13	-46.51	-76.04	-65.31	7.30	13.10	V
	7520.00	-60.07	-13	-47.07	-79.71	-63.64	7.73	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM1900 (EDGE class 8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760.00	-43.06	-13	-30.06	-56.68	-50.66	5.00	12.60	H
	5640.00	-59.05	-13	-46.05	-75.65	-64.85	7.30	13.10	H
	7520.00	-59.94	-13	-46.94	-79.92	-63.51	7.73	11.30	H
	3760.00	-45.41	-13	-32.41	-59.74	-53.01	5.00	12.60	V
	5640.00	-58.22	-13	-45.22	-74.75	-64.02	7.30	13.10	V
	7520.00	-60.12	-13	-47.12	-79.76	-63.69	7.73	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



WCDMA Band V(RMC 12.2Kbps)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-65.17	-13	-52.17	-66.88	-69.54	2.88	9.40	H
	2509.2	-66.02	-13	-53.02	-72.08	-71.97	2.5	10.60	H
	3345.6	-62.56	-13	-49.56	-70.56	-68.38	4.63	12.60	H
	4182	-67.23	-13	-54.23	-79.31	-72.66	5.02	12.60	H
	1672.8	-65.96	-13	-52.96	-67.80	-70.33	2.88	9.40	V
	2509.2	-66.36	-13	-53.36	-72.31	-72.31	2.50	10.60	V
	3345.6	-63.45	-13	-50.45	-71.48	-69.27	4.63	12.60	V
	4182	-67.08	-13	-54.08	-79.04	-72.51	5.02	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

WCDMA Band II(RMC 12.2Kbps)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760.00	-62.42	-13	-49.42	-76.04	-70.02	5.00	12.60	H
	5640.00	-62.85	-13	-49.85	-79.45	-68.65	7.30	13.10	H
	7520.00	-58.95	-13	-45.95	-78.93	-62.52	7.73	11.30	H
	3760.00	-62.80	-13	-49.80	-77.13	-70.40	5.00	12.60	V
	5640.00	-63.18	-13	-50.18	-79.71	-68.98	7.30	13.10	V
	7520.00	-58.87	-13	-45.87	-78.51	-62.44	7.73	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



For sample 3(model name TDT550)

GSM850 (EDGE class 8)									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1672.8	-74.54	-13	-61.54	-76.25	-78.91	2.88	9.40	H
	2509.2	-71.39	-13	-58.39	-77.45	-77.34	2.50	10.60	H
	3345.6	-70.22	-13	-57.22	-78.22	-76.04	4.63	12.60	H
	4182	-66.73	-13	-53.73	-78.81	-72.16	5.02	12.60	H
	1672.8	-74.67	-13	-61.67	-76.51	-79.04	2.88	9.40	V
	2509.2	-71.79	-13	-58.79	-77.74	-77.74	2.50	10.60	V
	3345.6	-70.23	-13	-57.23	-78.26	-76.05	4.63	12.60	V
	4182	-67.20	-13	-54.20	-79.16	-72.63	5.02	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

GSM1900 (EDGE class 8)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3760.00	-64.86	-13	-51.86	-78.48	-72.46	5.00	12.60	H
	5640.00	-63.13	-13	-50.13	-79.73	-68.93	7.30	13.10	H
	7520.00	-59.77	-13	-46.77	-79.75	-63.34	7.73	11.30	H
	3760.00	-64.31	-13	-51.31	-78.64	-71.91	5.00	12.60	V
	5640.00	-63.87	-13	-50.87	-80.4	-69.67	7.30	13.10	V
	7520.00	-60.48	-13	-47.48	-80.12	-64.05	7.73	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



Appendix D. Product Equality Declaration

SHENZHEN HENG DA INFINITE COMMUNICATION EQUIPMENTS LIMITED

Rm 1301 Block D, Tian An Cloud Park Building 3rd, Bantian Street, Longgang District, Shenzhen. P. R. C.

Date: 2018-9-14

Product Equality Declaration

We, ShenZhen Heng Da infinite communication equipments limited, declare on our sole responsibility for that the variant product -- *Model Name: Mint AN55TV & M550 & CHIVAS 55* is in all relevant parts identical to its original product—*Model Name: TDT550*, except for the differences listed below:

1. SW differences

AN55TV and TDT550 model name is difference

AN55TV and M550 SW only model name is difference

AN55TV and CHIVAS 55 SW only model name is difference

2. HW differences

AN55TV and TDT550 Labels file is difference (Model name is difference)

AN55TV and TDT550 housing design is difference

AN55TV and CHIVAS 55 is the same, only labels file is difference (Model name is difference)

AN55TV and CHIVAS 55 is the same, only battery logo is difference

Declared by : 

On behalf of ShenZhen Heng Da infinite communication equipments limited.

Tel: