

Figure 3: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz)

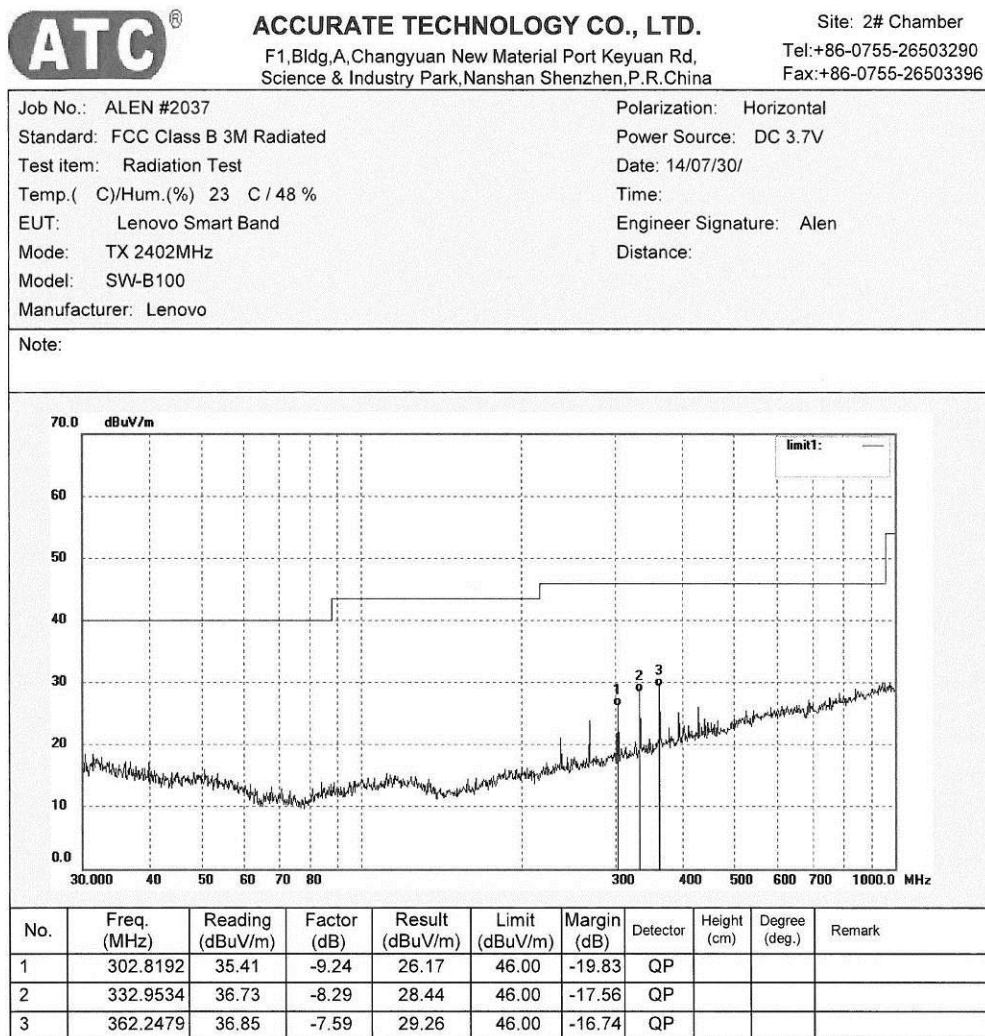


Figure 4: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz)



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #2036

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Lenovo Smart Band

Mode: TX 2402MHz

Model: SW-B100

Manufacturer: Lenovo

Polarization: Vertical

Power Source: DC 3.7V

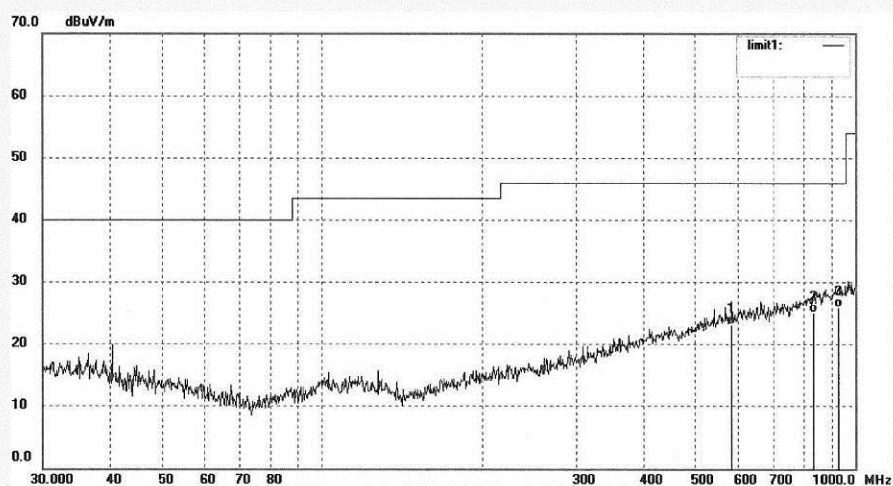
Date: 14/07/30/

Time:

Engineer Signature: Alen

Distance:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	586.2172	26.21	-3.09	23.12	46.00	-22.88	QP			
2	835.9447	24.52	0.62	25.14	46.00	-20.86	QP			
3	932.1404	24.21	1.85	26.06	46.00	-19.94	QP			

Figure 5: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz –18GHz)

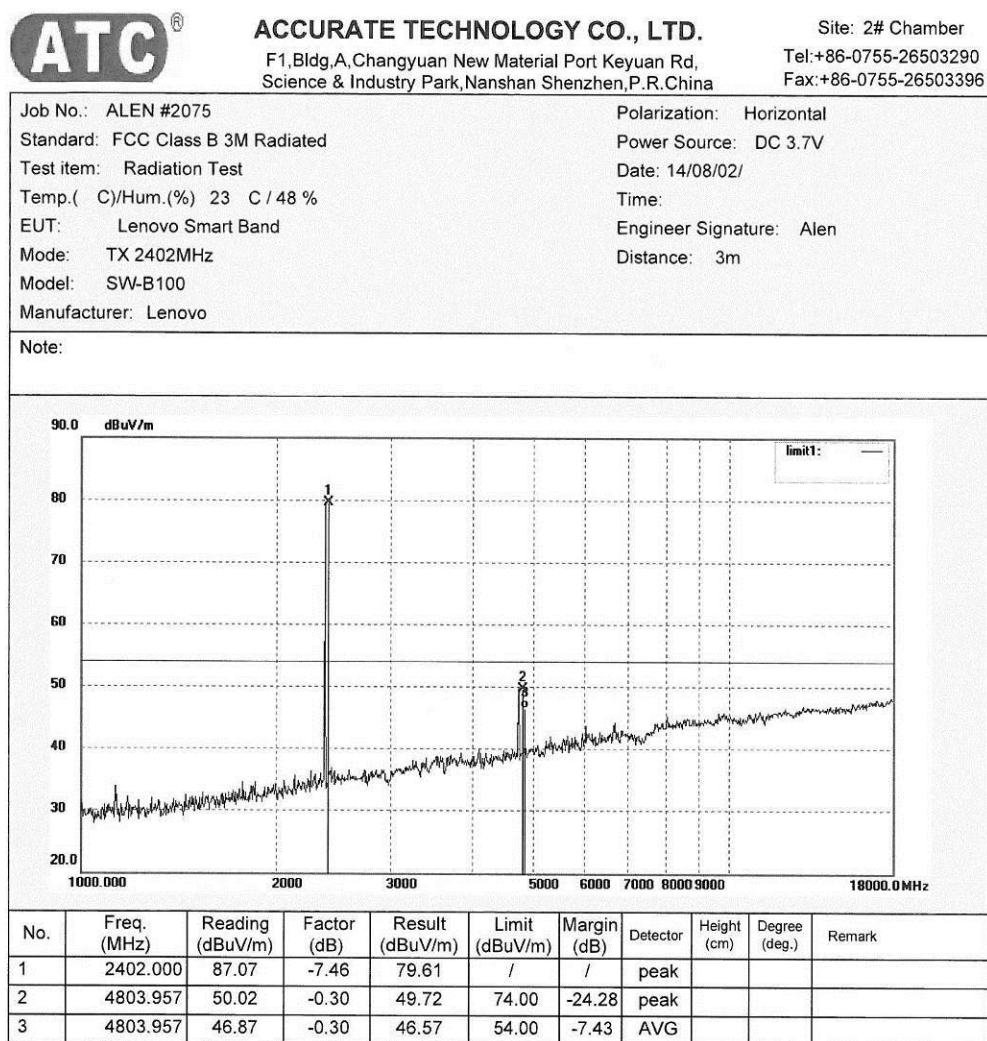


Figure 6: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 18GHz)

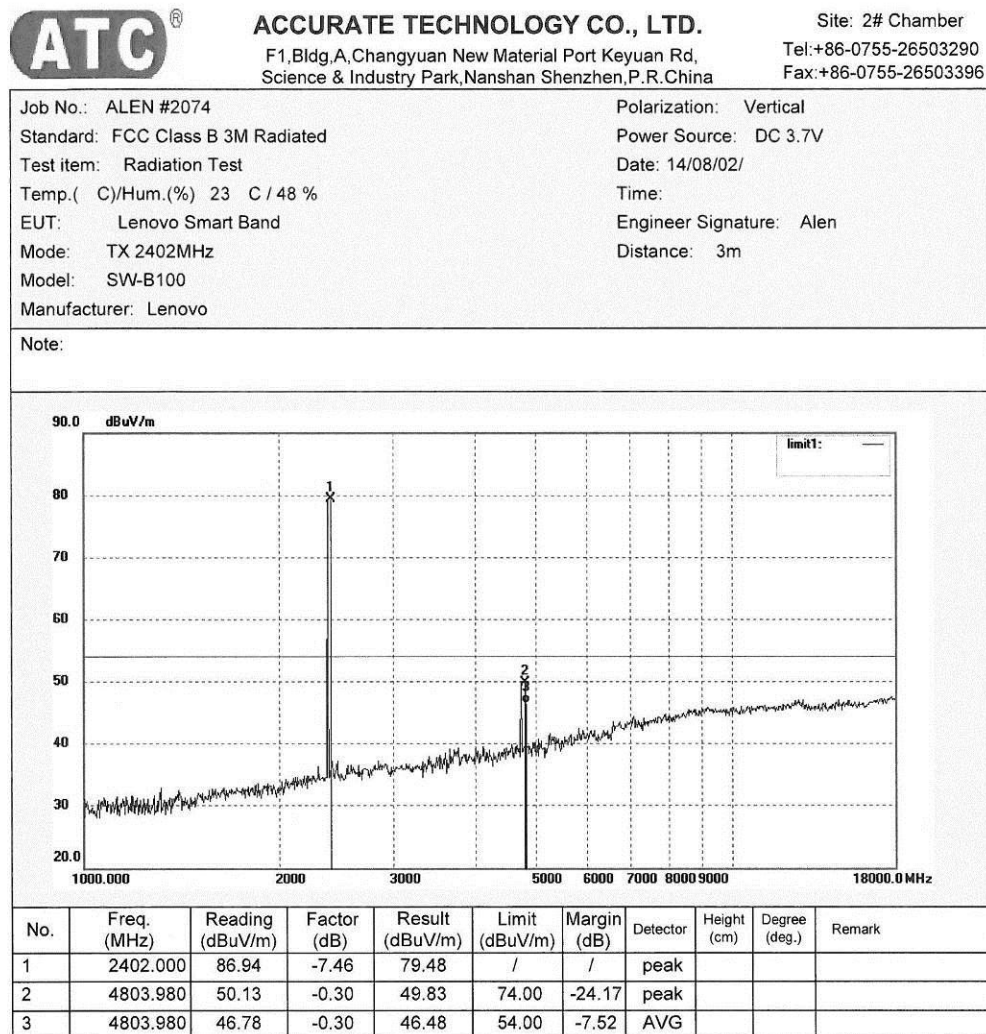


Figure 7: Test figure of spurious emissions, mode A.1, Horizontal polarity (18GHz –25GHz)

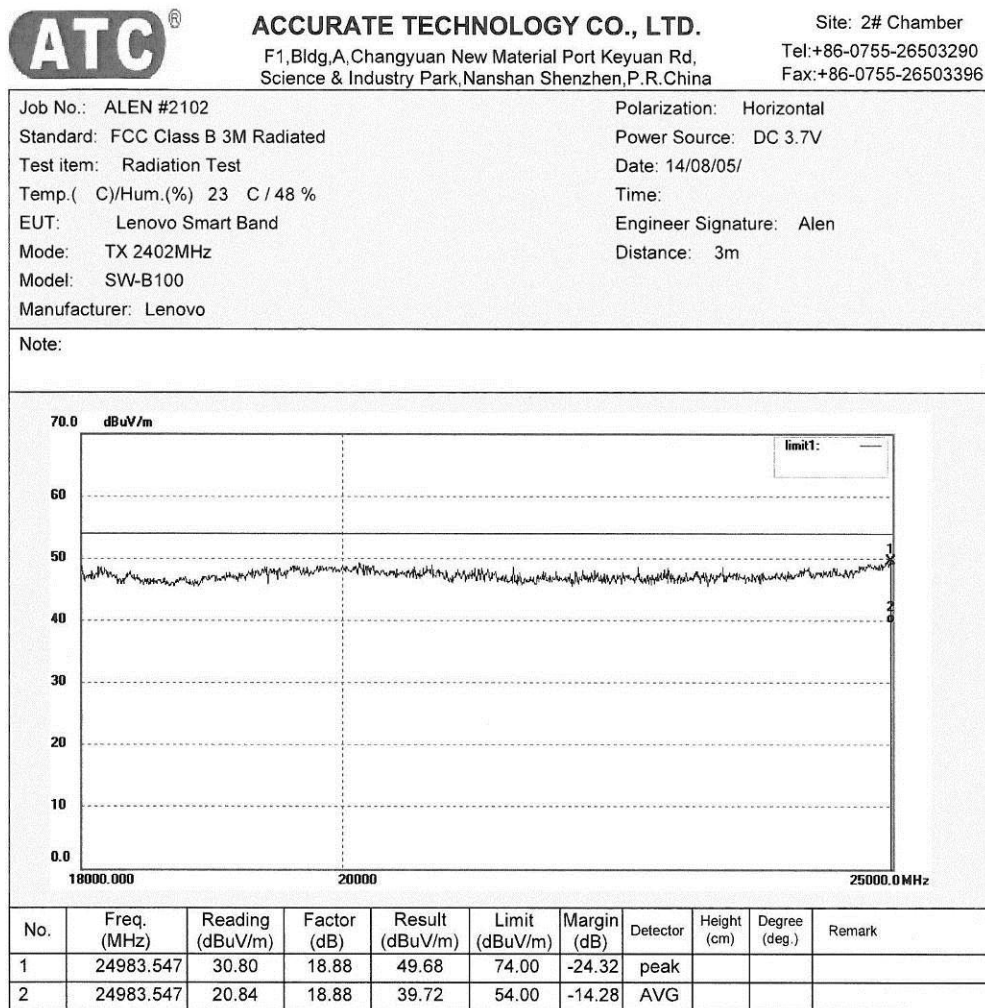


Figure 8: Test figure of spurious emissions, mode A.1, Vertical polarity (18GHz – 25GHz)

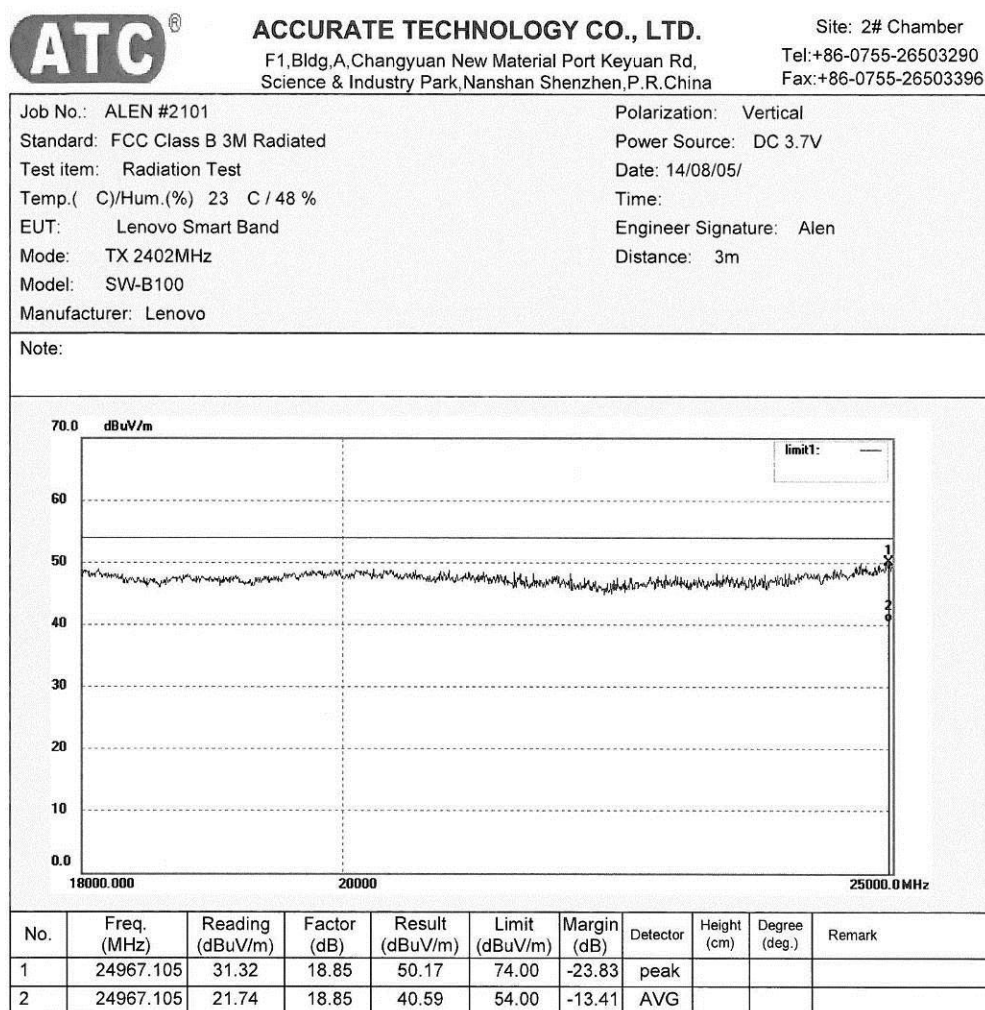


Figure 9: Test figure of spurious emissions, mode A.2, Horizontal polarity (9kHz – 30MHz)

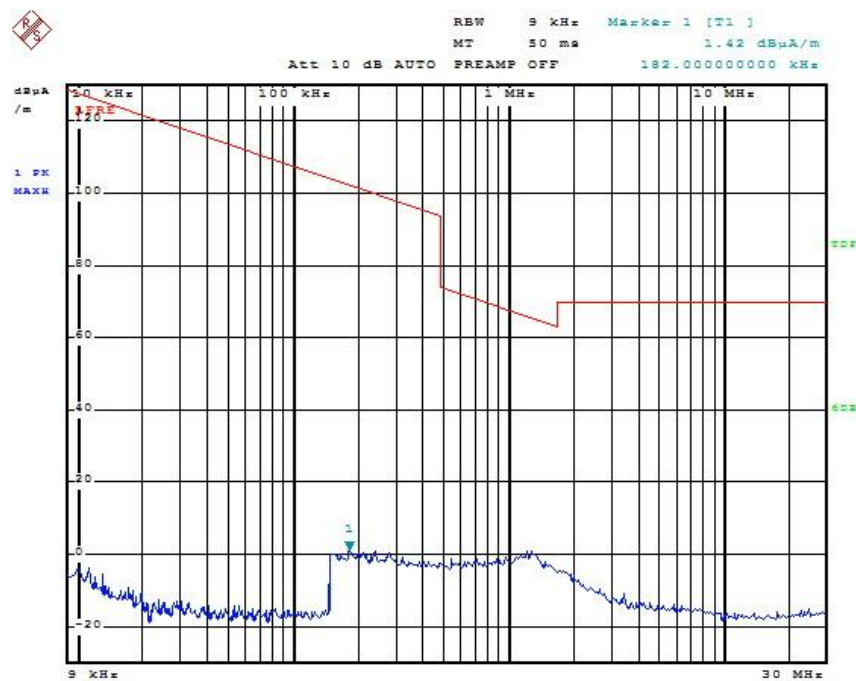


Figure 10: Test figure of spurious emissions, mode A.2, Vertical polarity (9kHz – 30MHz)

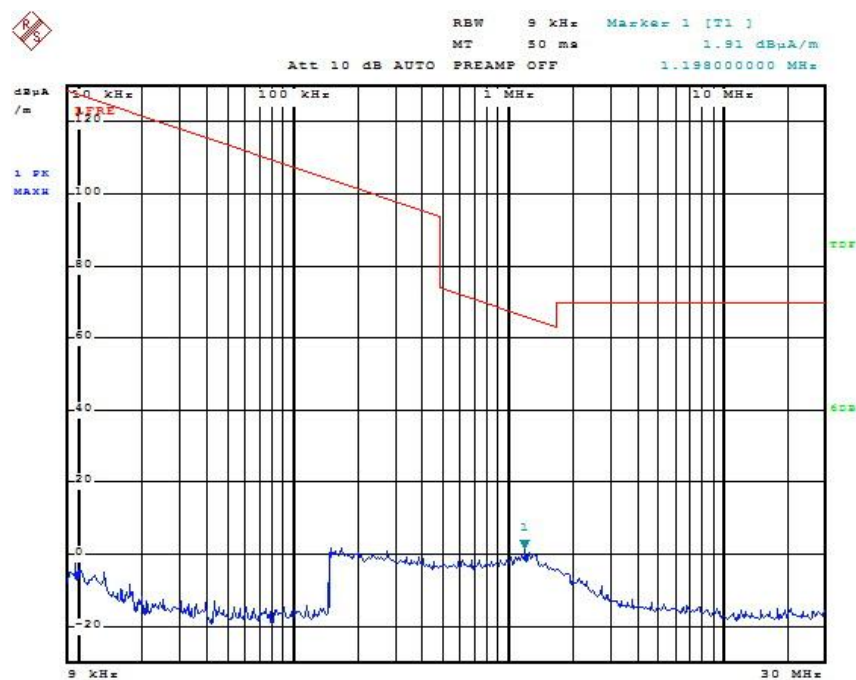


Figure 11: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz)

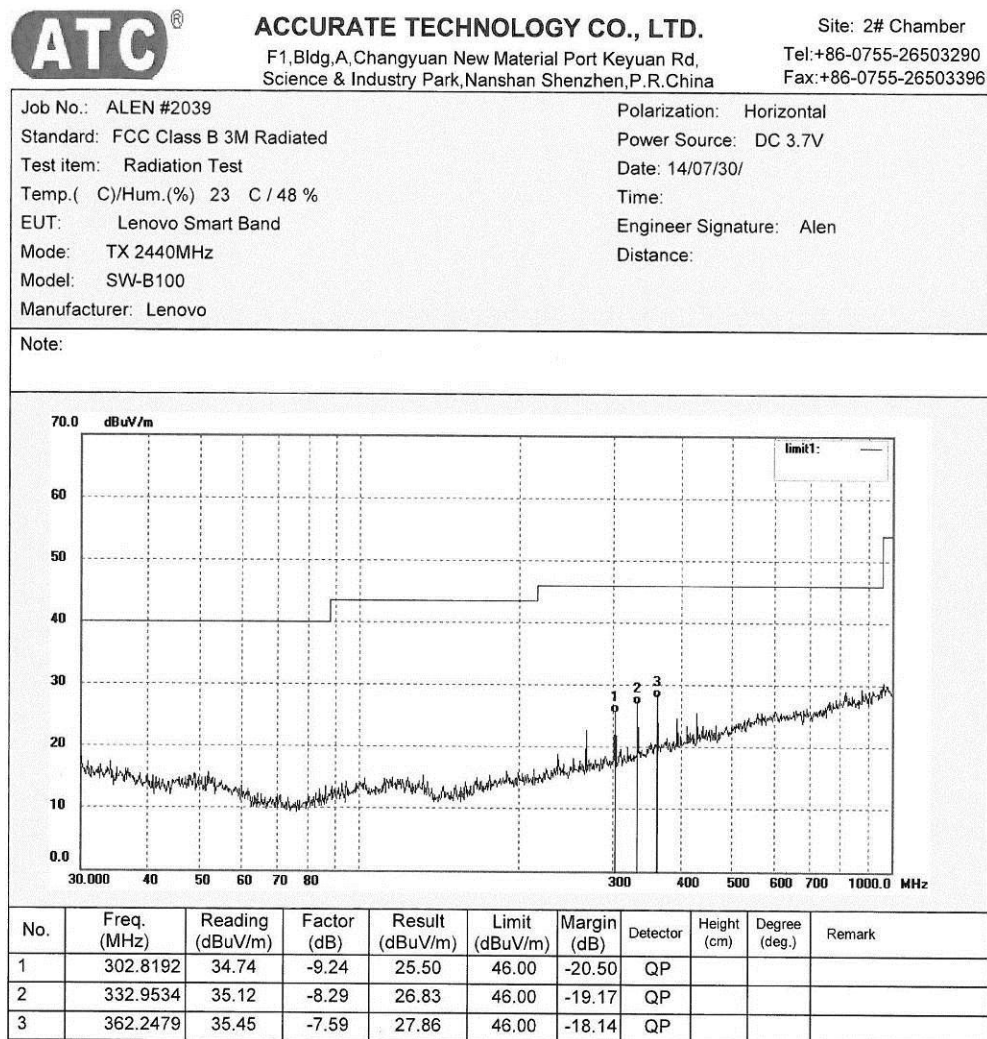


Figure 12: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GHz)

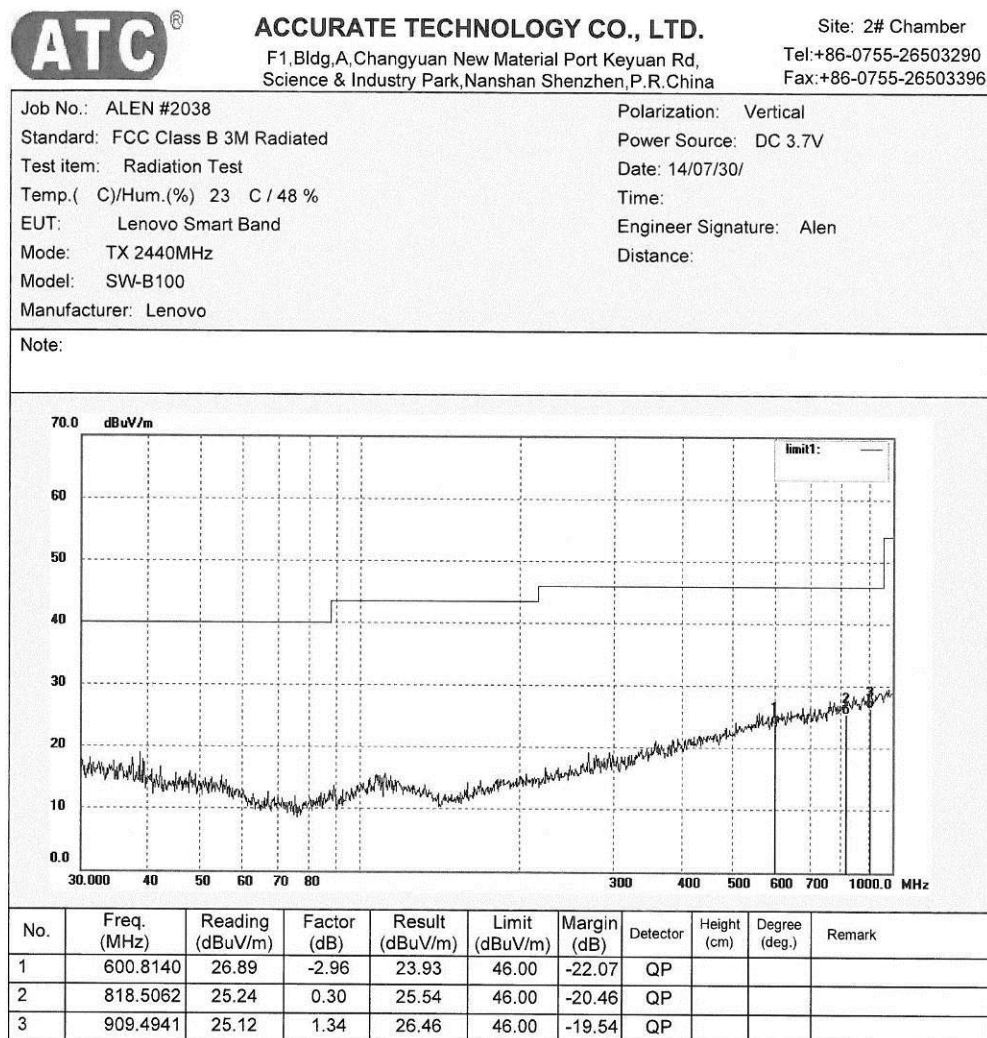


Figure 13: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 18GHz)

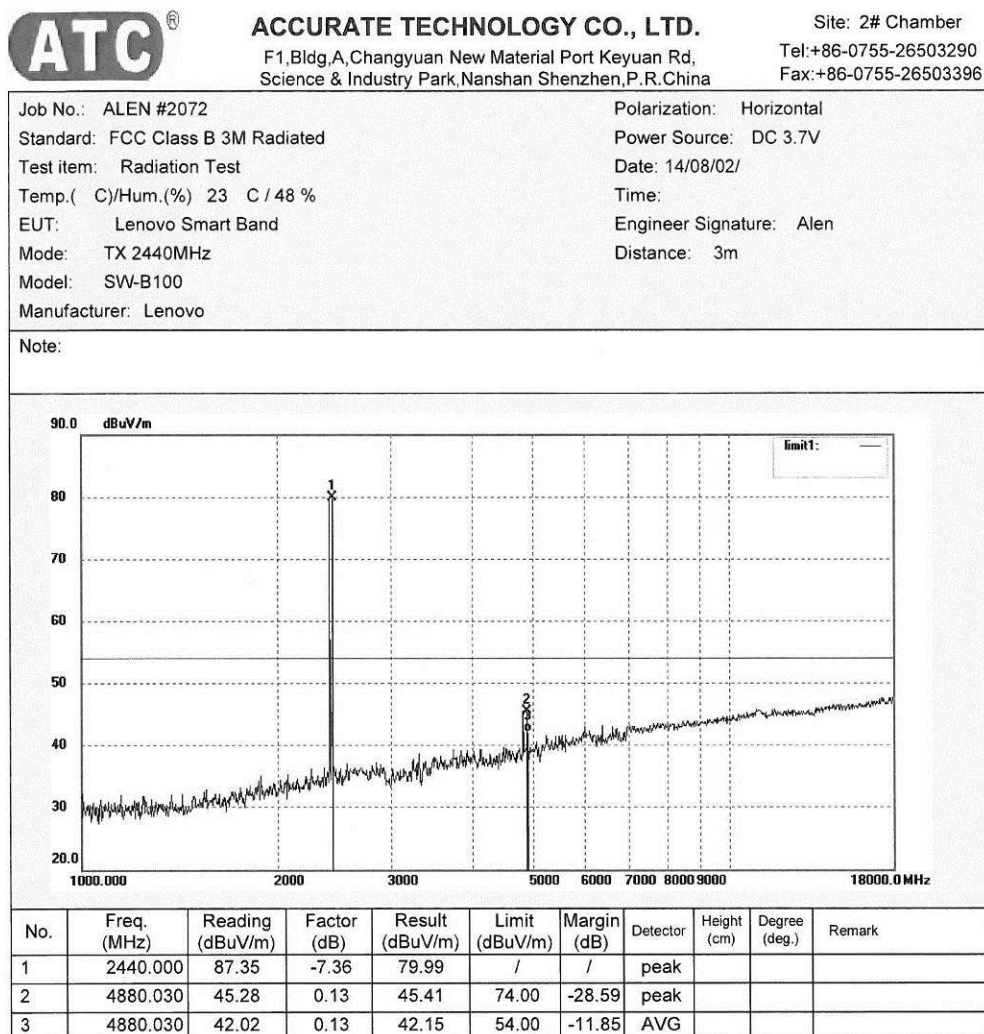


Figure 14: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 18GHz)



ACCURATE TECHNOLOGY CO., LTD.

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #2073

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Lenovo Smart Band

Mode: TX 2440MHz

Model: SW-B100

Manufacturer: Lenovo

Polarization: Vertical

Power Source: DC 3.7V

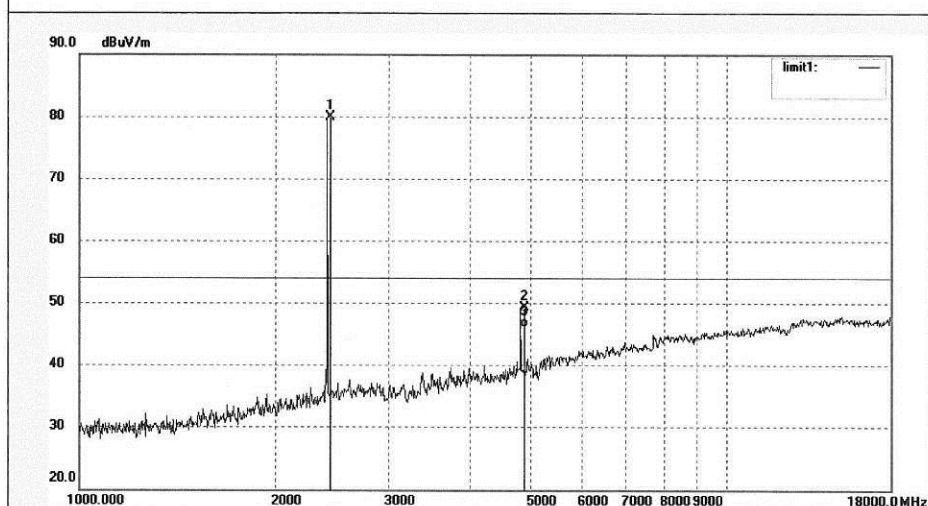
Date: 14/08/02/

Time:

Engineer Signature: Alen

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	87.36	-7.36	80.00	/	/	peak			
2	4880.024	49.18	0.13	49.31	74.00	-24.69	peak			
3	4880.024	46.12	0.13	46.25	54.00	-7.75	AVG			

Figure 15: Test figure of spurious emissions, mode A.2, Horizontal polarity (18GHz – 25GHz)

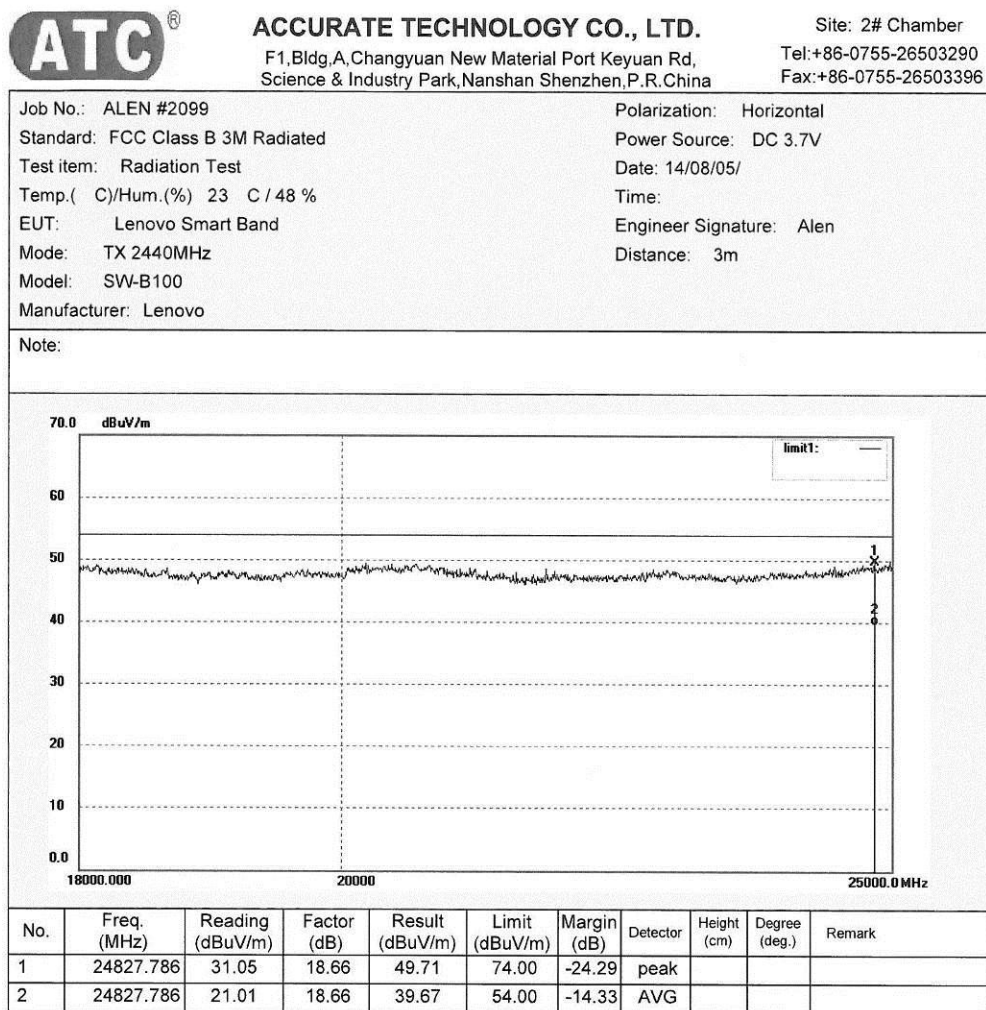


Figure 16: Test figure of spurious emissions, mode A.2, Vertical polarity (18GHz – 25GHz)

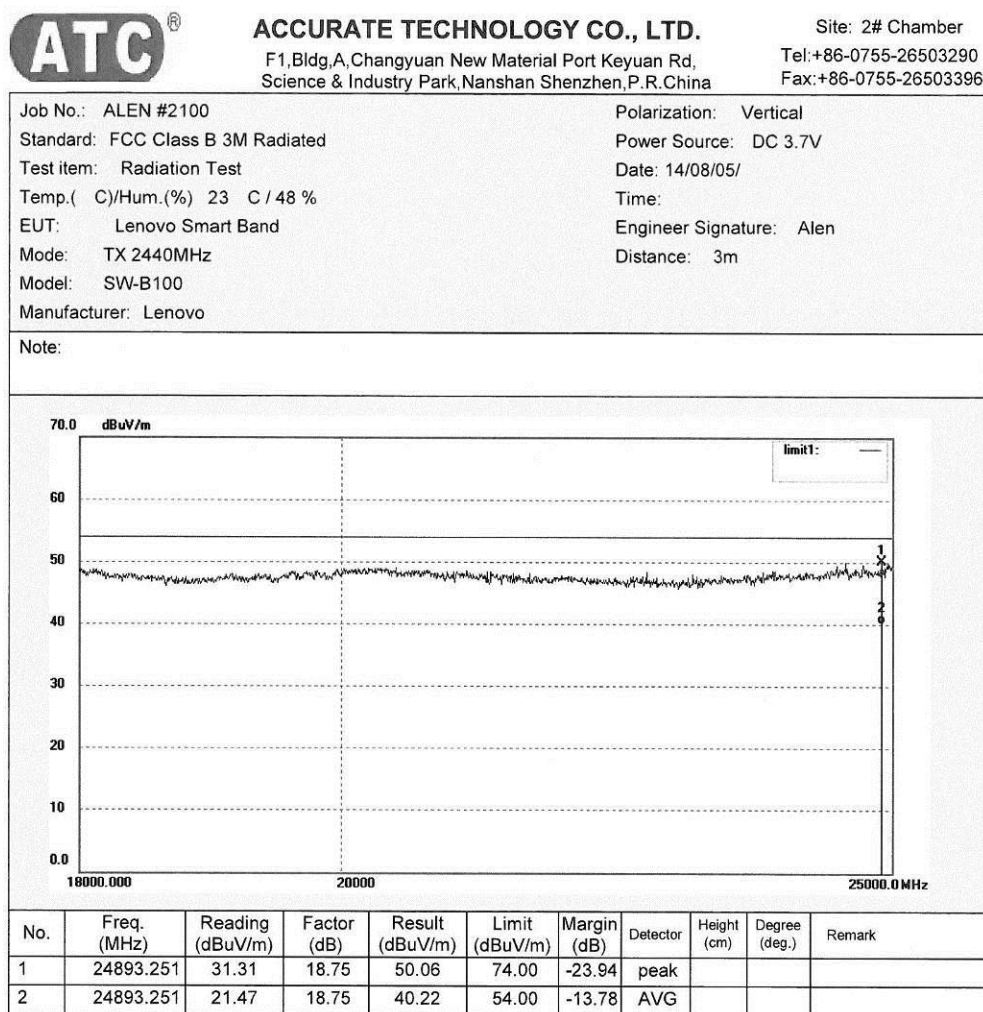


Figure 17: Test figure of spurious emissions, mode A.3, Horizontal polarity (9kHz – 30MHz)

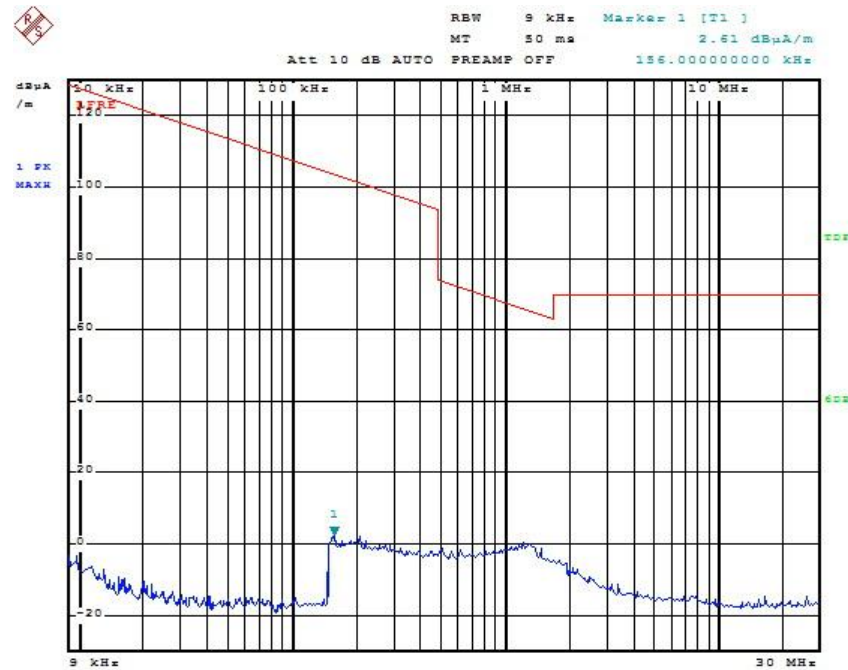


Figure 18: Test figure of spurious emissions, mode A.3, Vertical polarity (9kHz – 30MHz)

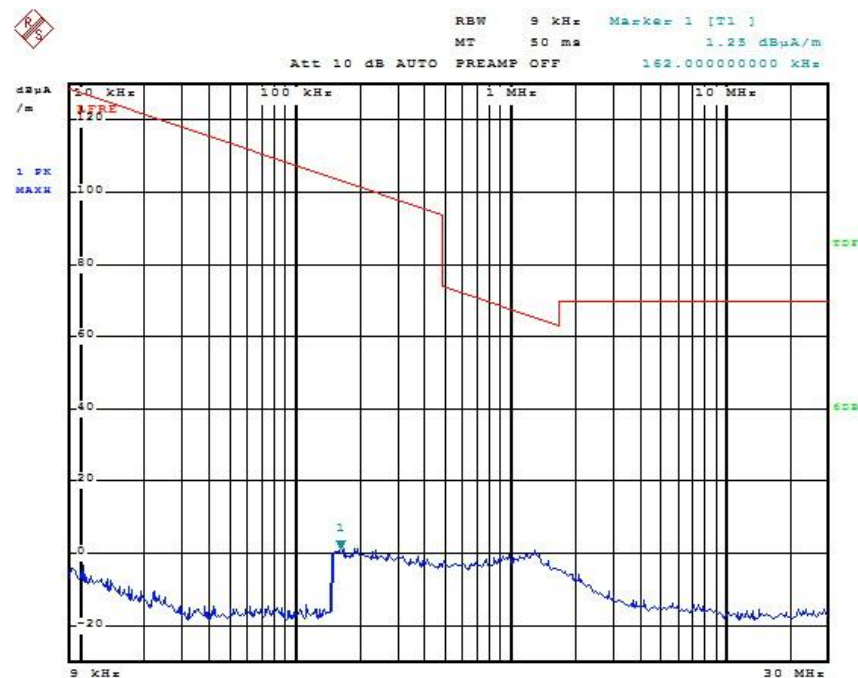


Figure 19: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz)

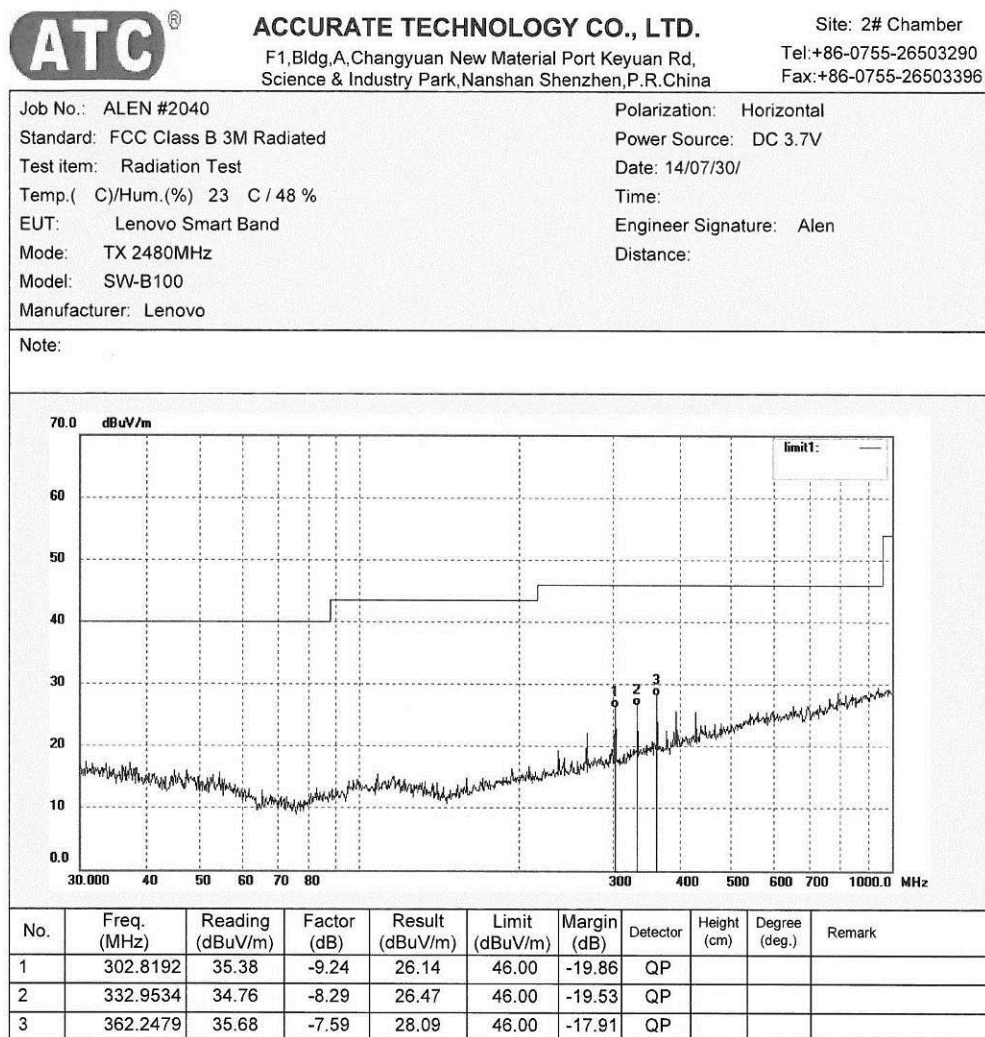


Figure 20: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz)

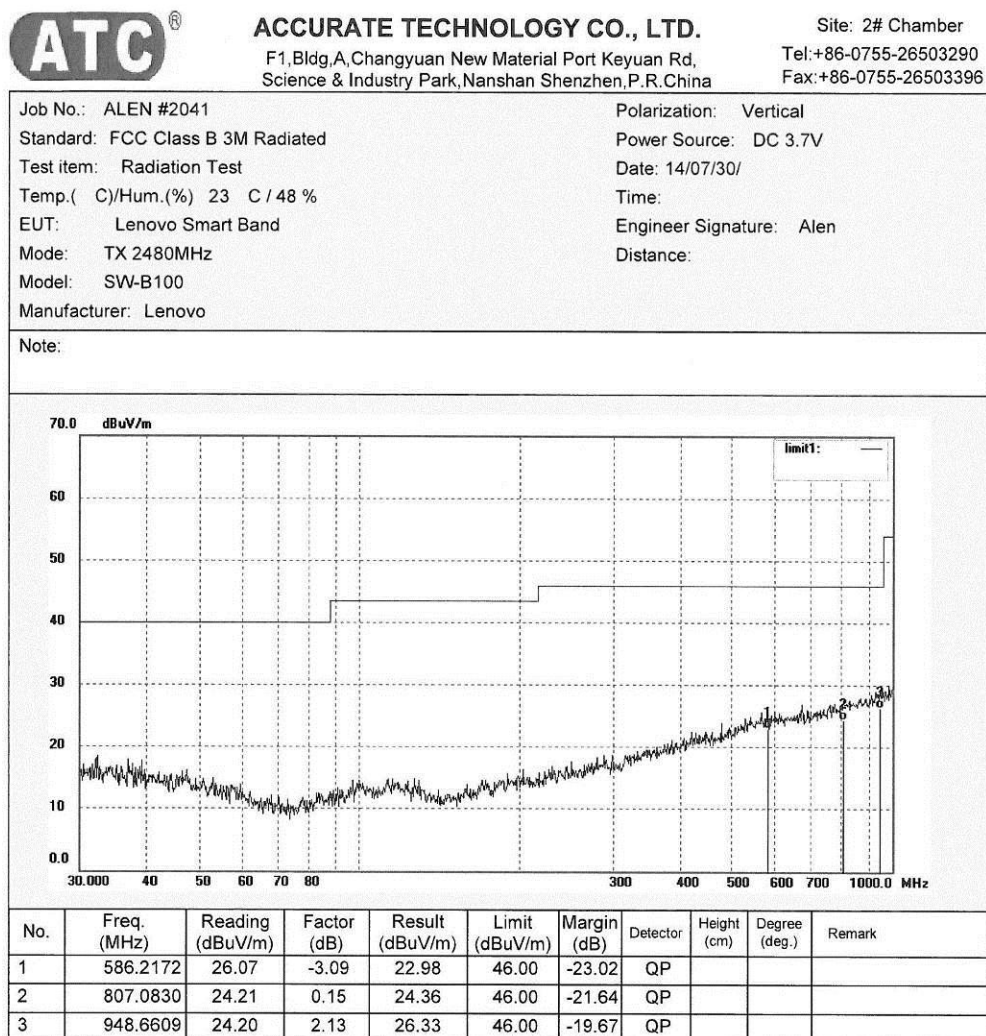


Figure 21: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz –18GHz)

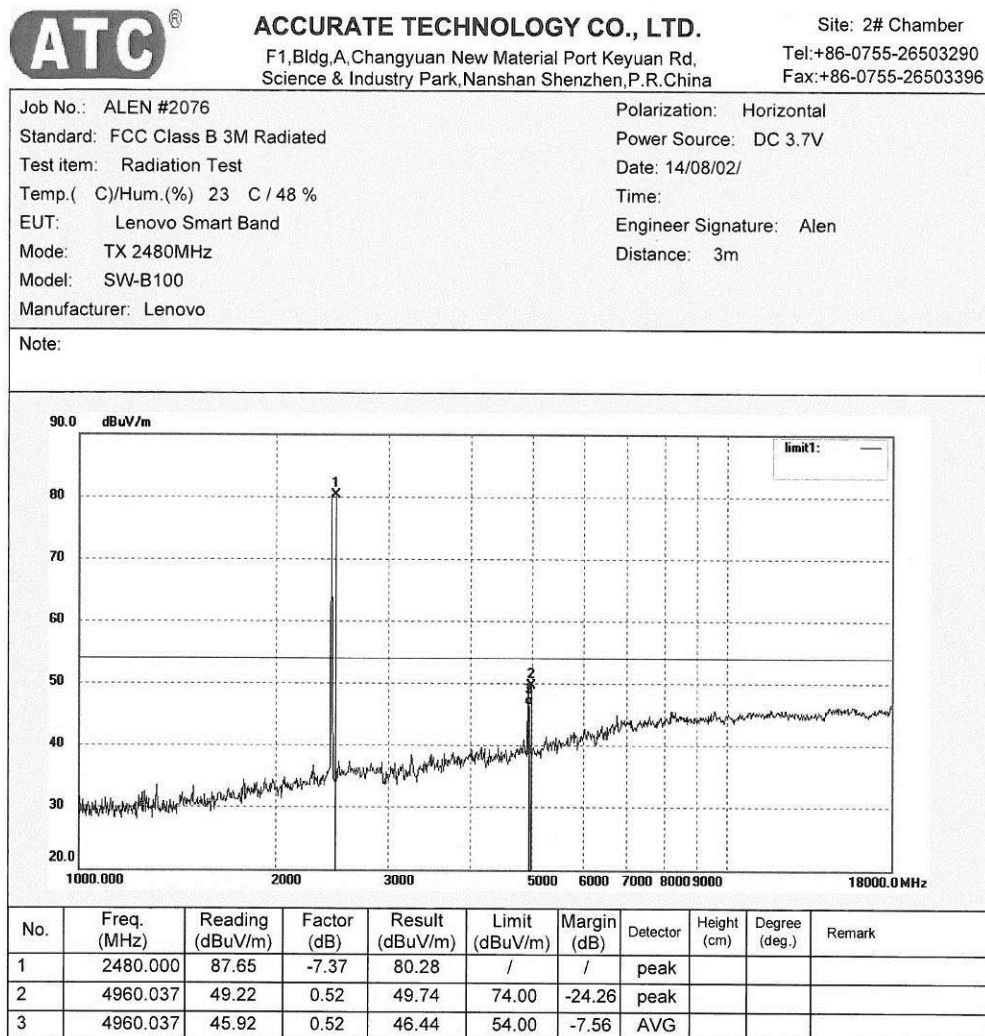


Figure 22: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 18GHz)

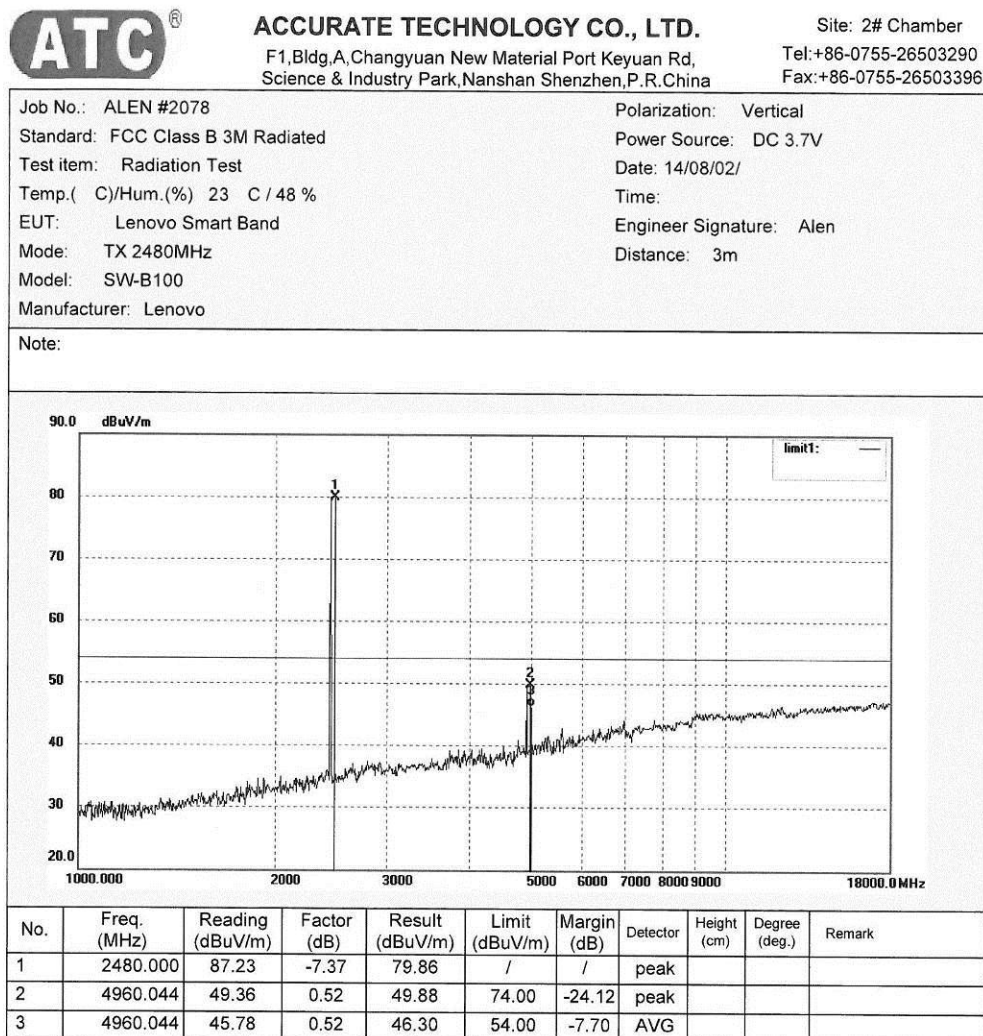


Figure 23: Test figure of spurious emissions, mode A.3, Horizontal polarity (18GHz –25GHz)

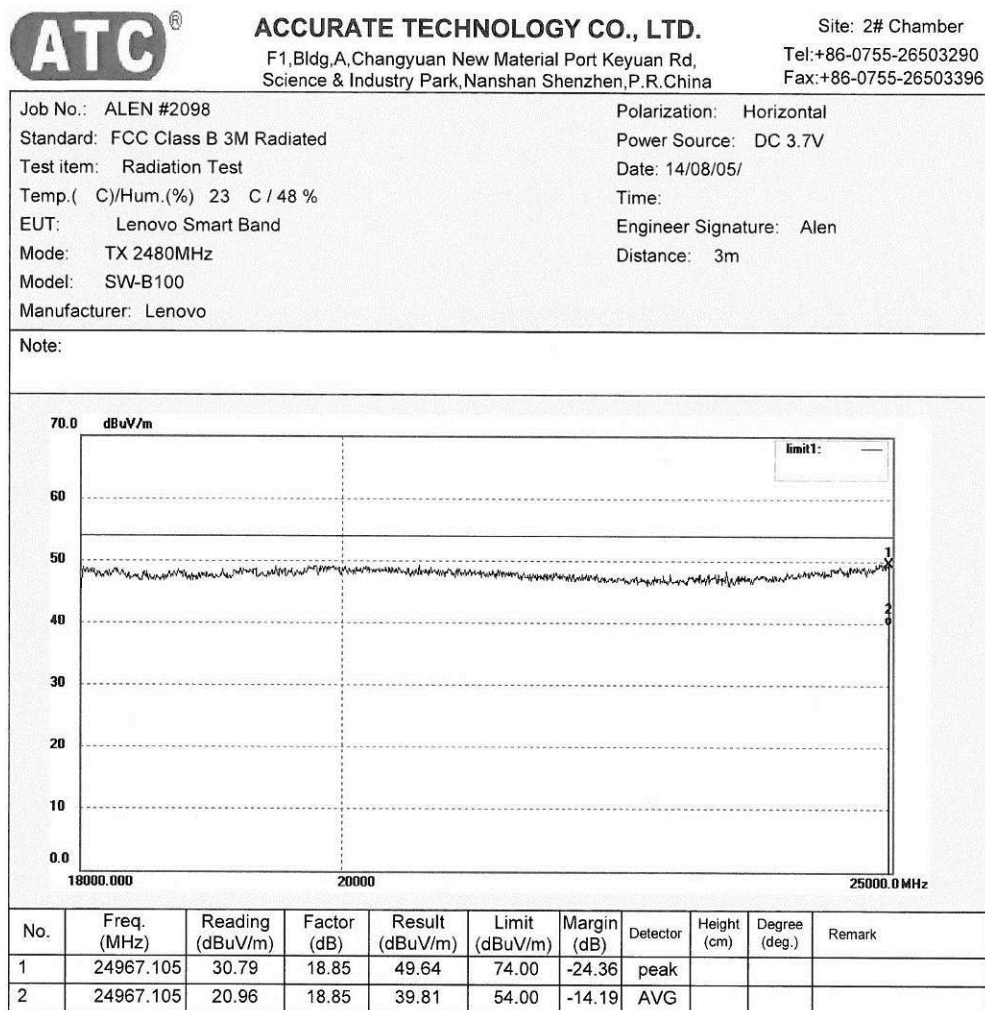


Figure 24: Test figure of spurious emissions, mode A.3, Vertical polarity (18GHz – 25GHz)

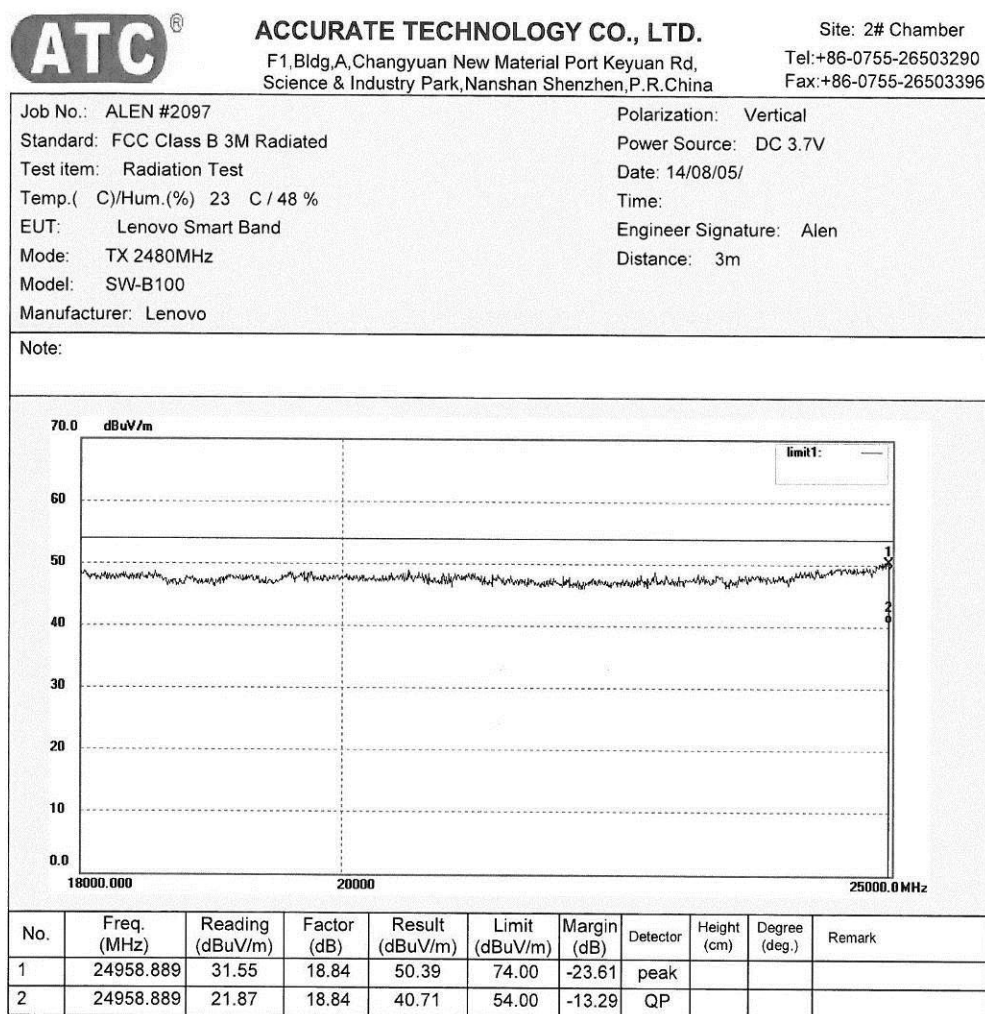


Figure 25: Test figure of Radiated emissions in restricted bands, Mode A.1, Horizontal

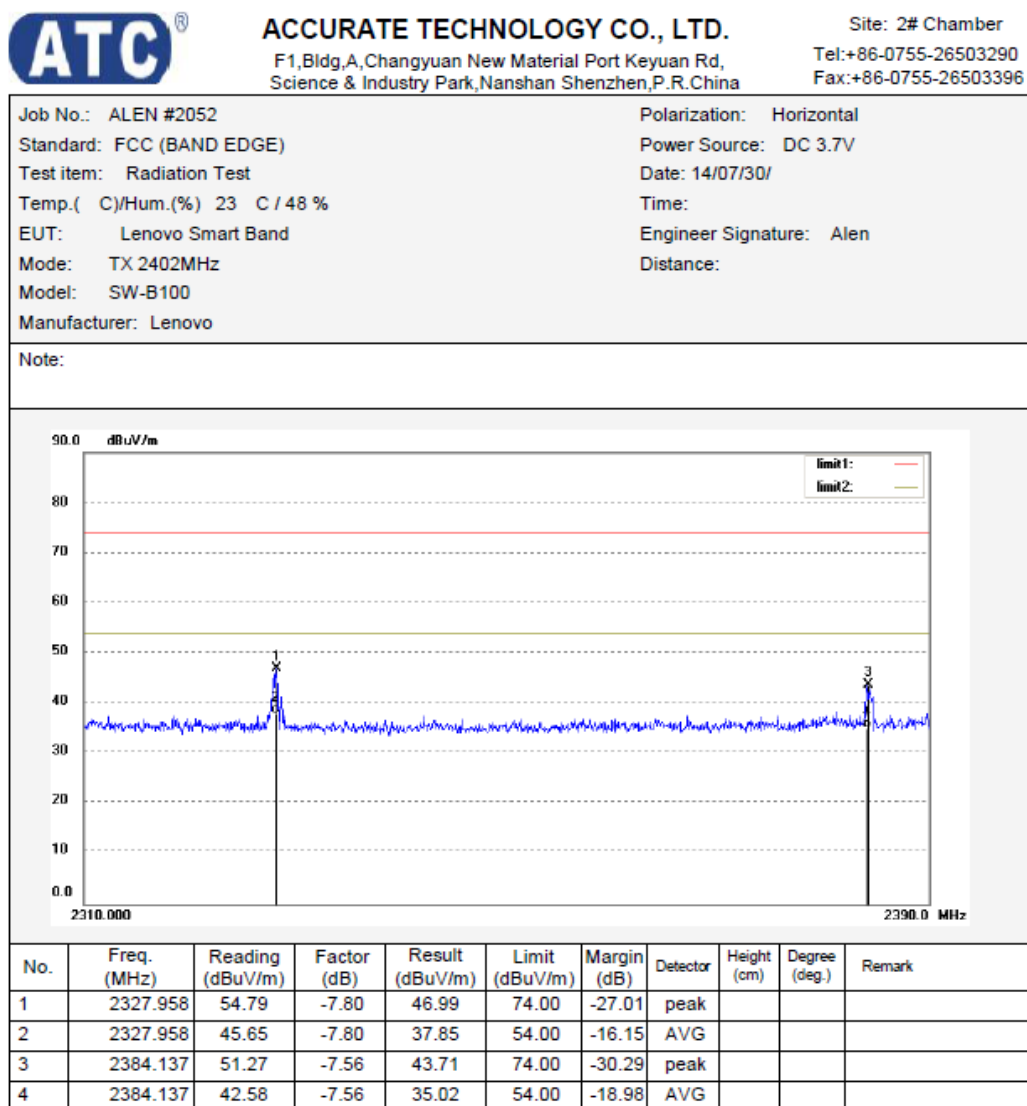


Figure 26: Test figure of Radiated emissions in restricted bands, Mode A.1, Vertical

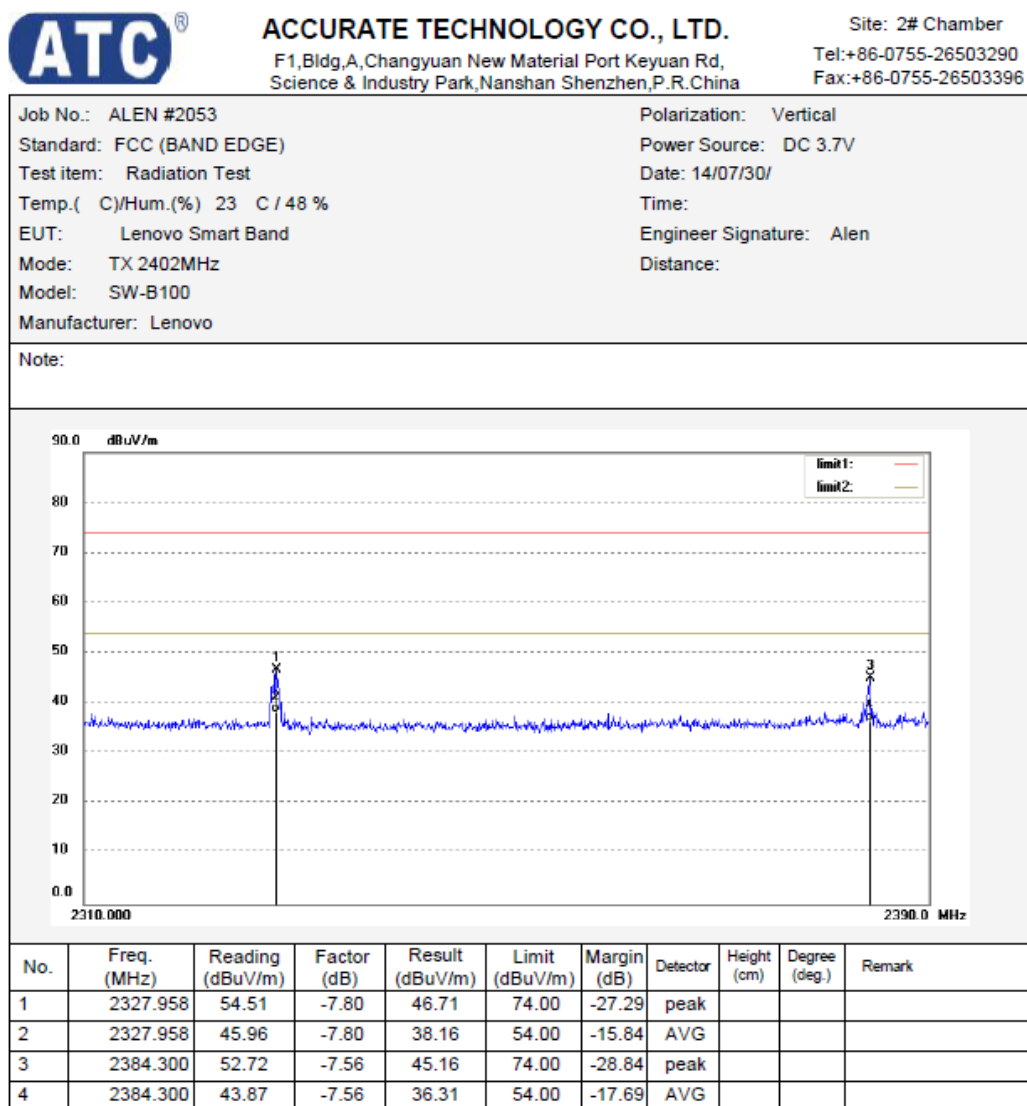


Figure 27: Test figure of Radiated emissions in restricted bands, Mode A.3, Horizontal

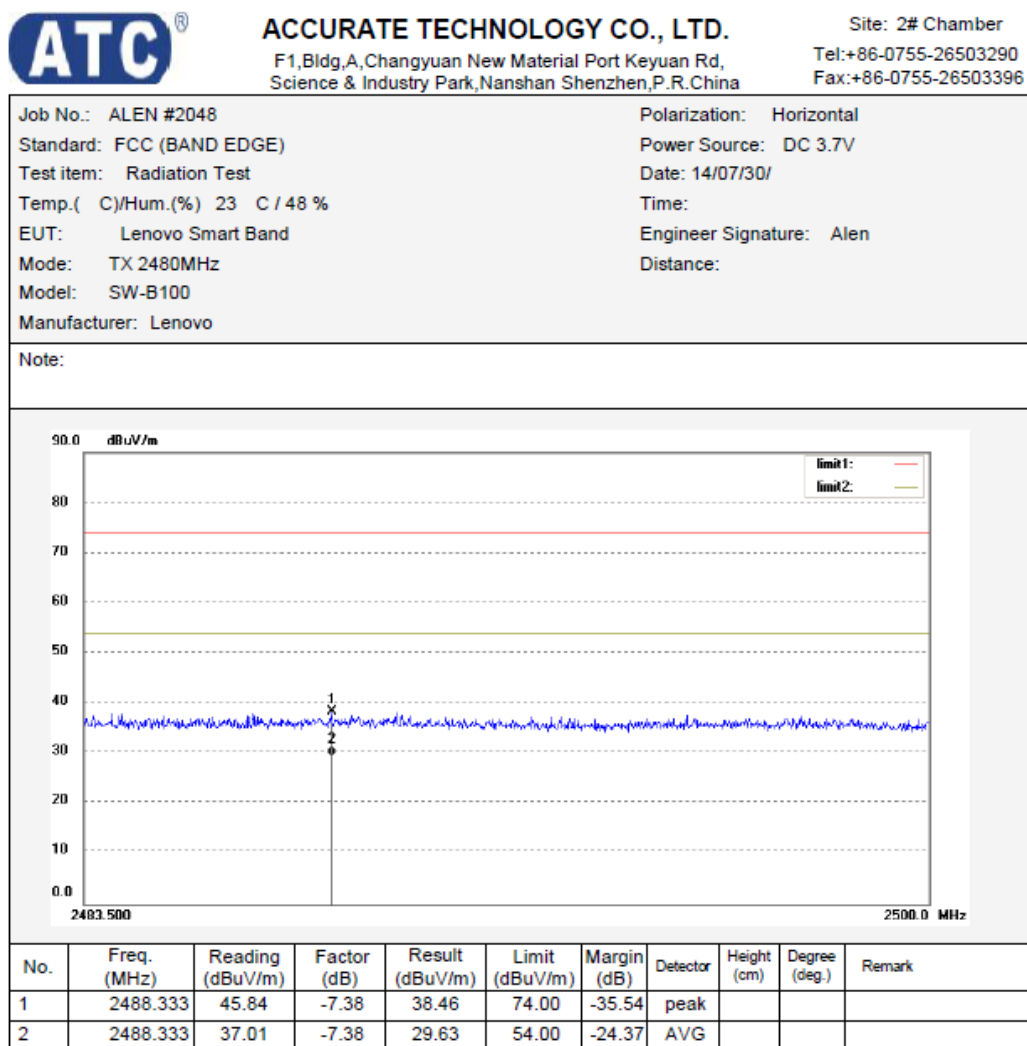


Figure 28: Test figure of Radiated emissions in restricted bands, Mode A.3, Vertical

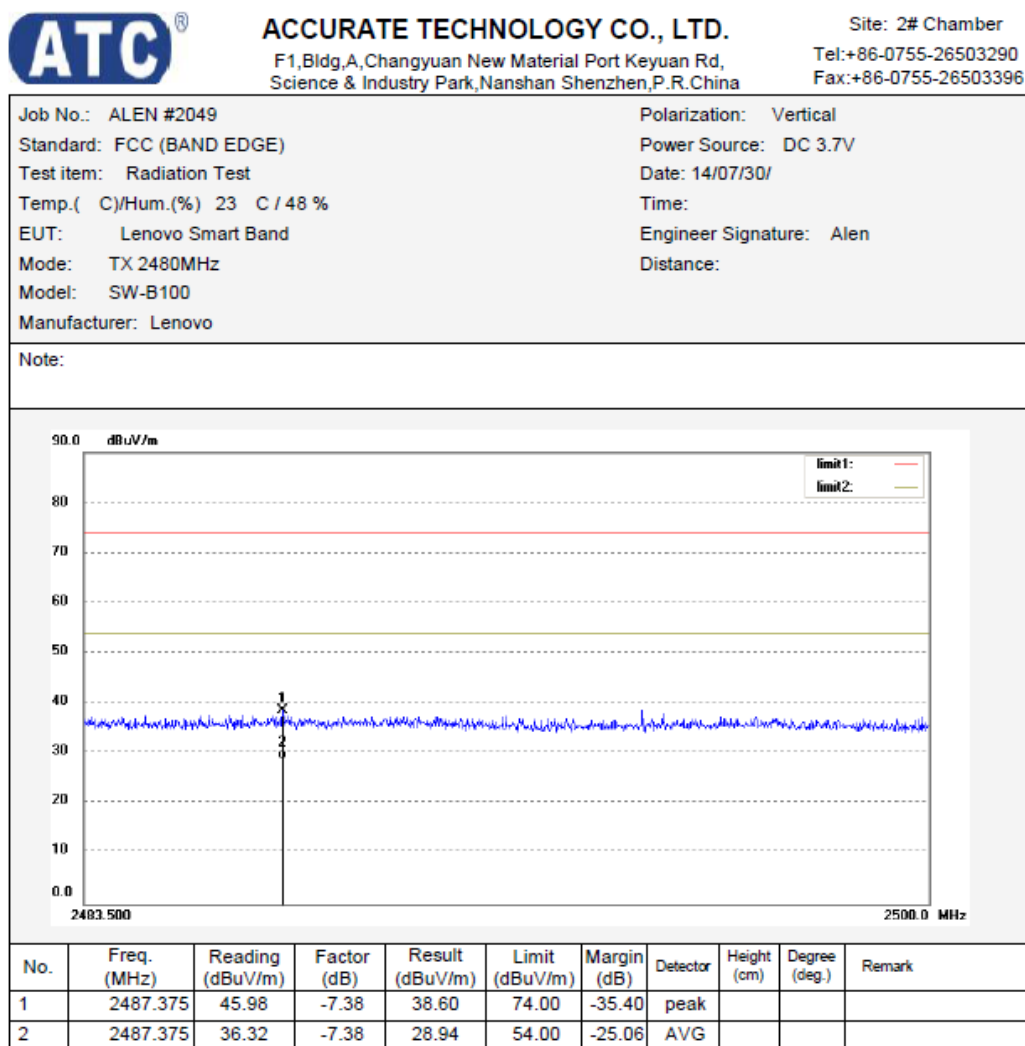


Figure 29: Test figure of Conducted emissions, Mode B, line live

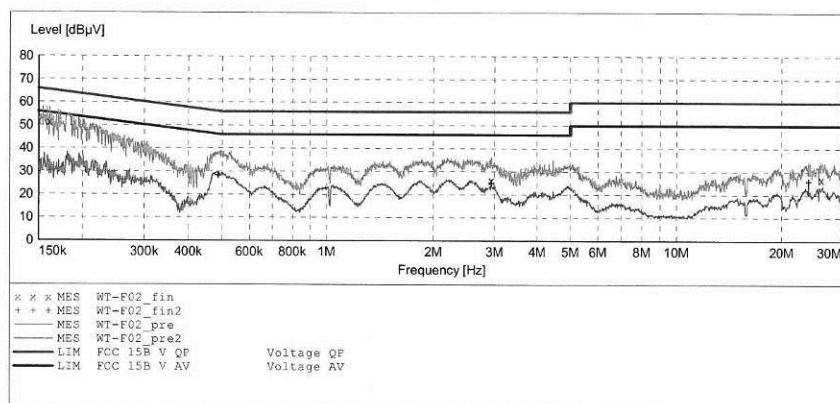
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Lenovo Smart Band M/N:SW-B100
Manufacturer: Lenovo
Operating Condition: Charging
Test Site: 1#Shielding Room
Operator: Alen
Test Specification: L 120V/60Hz
Comment:
Start of Test: 8/2/2014 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: SUB STD VTERM2 1.70
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
Average



MEASUREMENT RESULT: "WT-F02_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.161187	51.50	10.5	65	13.9	QP	L1	GND
2.932654	26.20	11.1	56	29.8	QP	L1	GND
26.094456	26.80	11.5	60	33.2	QP	L1	GND

MEASUREMENT RESULT: "WT-F02_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.486608	28.20	10.7	46	18.0	AV	L1	GND
2.932654	25.00	11.1	46	21.0	AV	L1	GND
23.994071	25.90	11.5	50	24.1	AV	L1	GND

Figure 30: Test figure of Conducted emissions, Mode B, line neutral

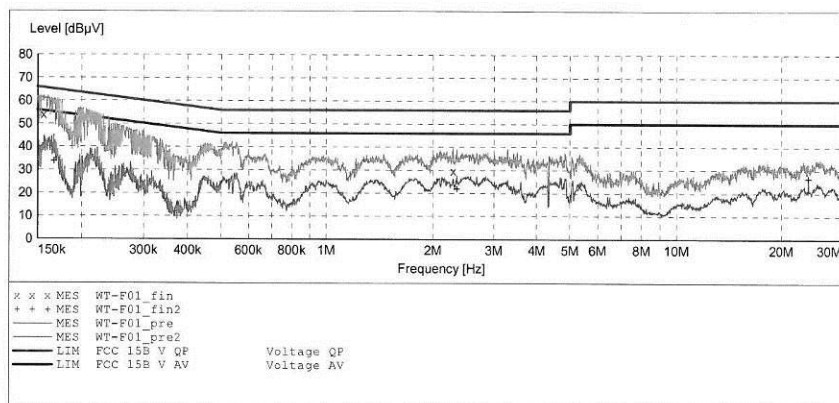
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Lenovo Smart Band M/N:SW-B100
Manufacturer: Lenovo
Operating Condition: Charging
Test Site: 1#Shielding Room
Operator: Alen
Test Specification: N 120V/60Hz
Comment:
Start of Test: 8/2/2014 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: SUB_STD VTERM2 1.70
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
Average



MEASUREMENT RESULT: "WT-F01_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.155804	54.00	10.5	66	11.7	QP	N	GND
2.284524	29.60	11.0	56	26.4	QP	N	GND
5.329784	23.10	11.2	60	36.9	QP	N	GND

MEASUREMENT RESULT: "WT-F01_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.166756	40.70	10.5	55	14.4	AV	N	GND
2.339960	21.90	11.0	46	24.1	AV	N	GND
23.994071	26.40	11.5	50	23.6	AV	N	GND

Figure 31: Test figure of Radiated emissions, Mode B, Below 1GHz, Horizontal

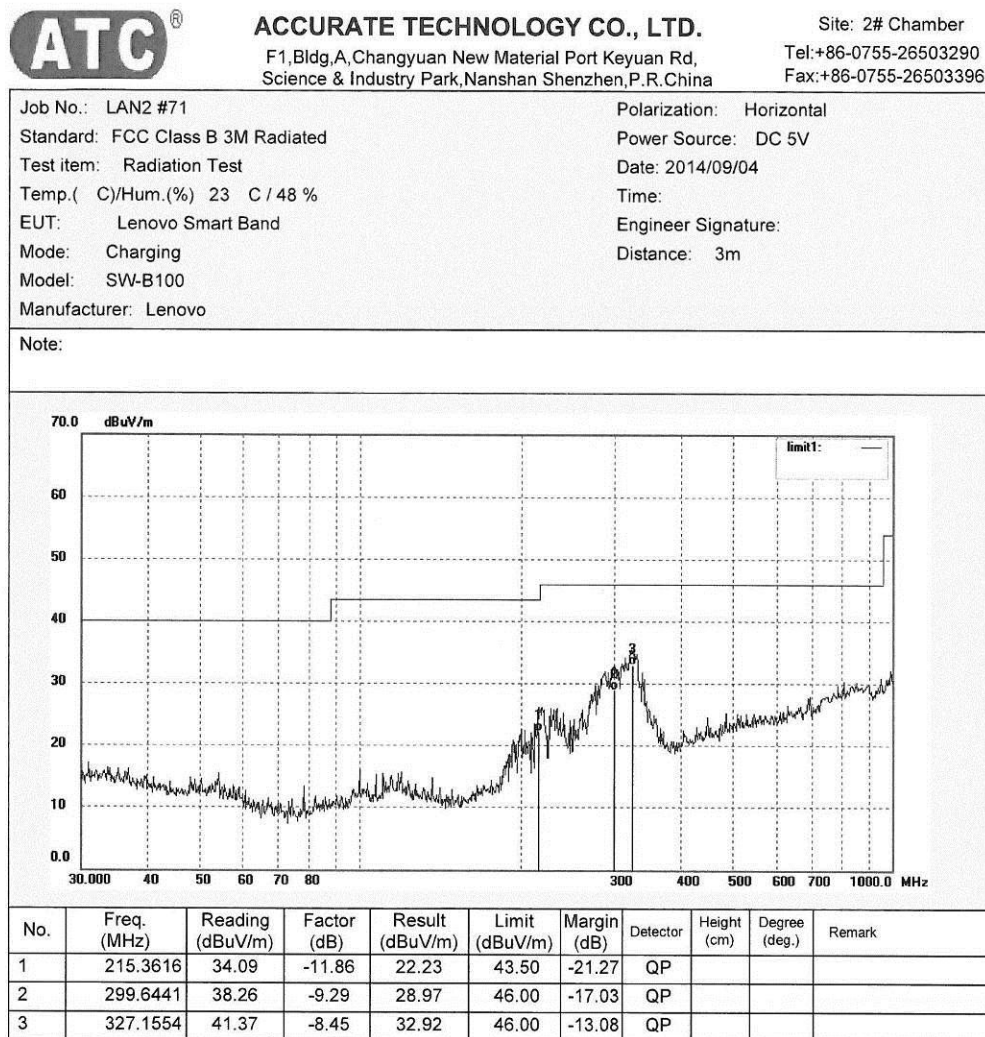


Figure 32: Test figure of Radiated emissions, Mode B, Below 1GHz, Vertical

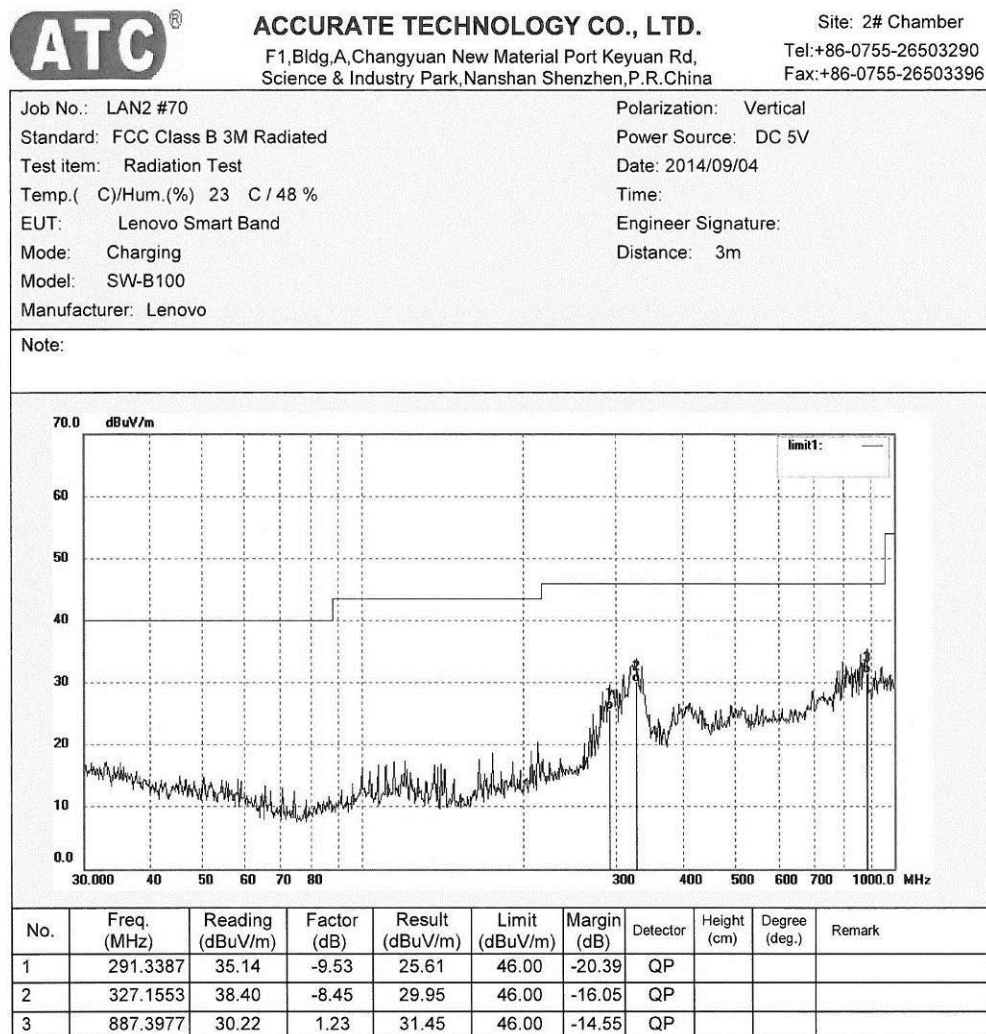


Figure 33: Test figure of Radiated emissions, Mode B, Above 1GHz, Horizontal

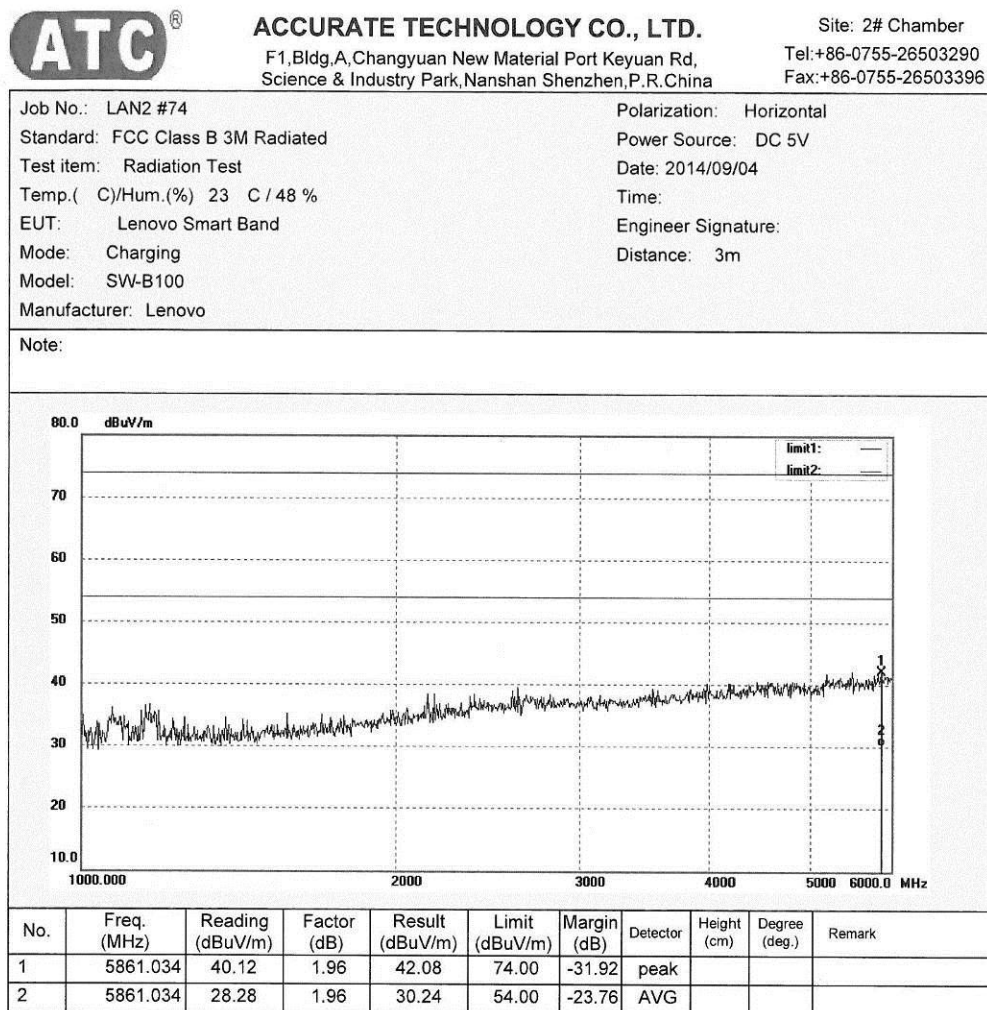


Figure 34: Test figure of Radiated emissions, Mode B, Above 1GHz, Vertical

