

Produkte
Products



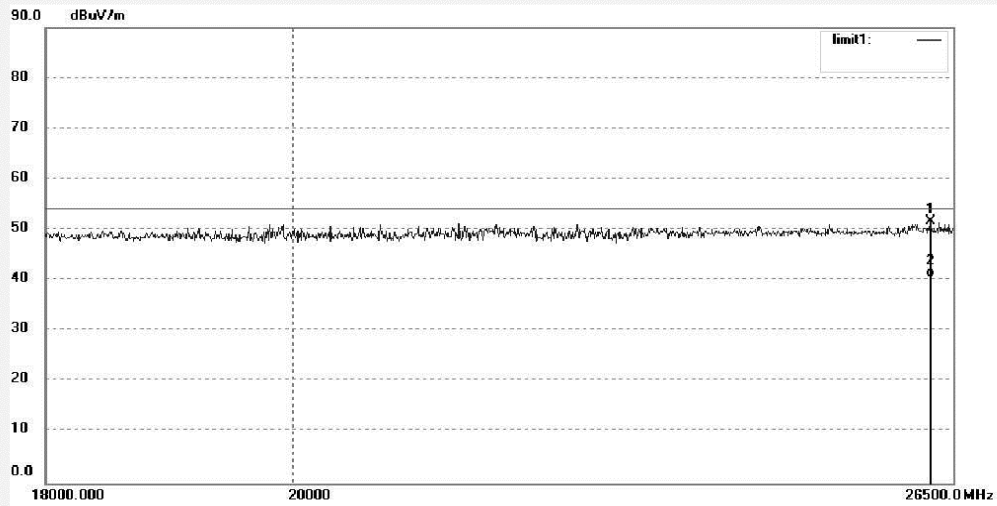
ACCURATE TECHNOLOGY CO., LTD.

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.: lenovo #1131	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5240MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26244.489	34.48	17.07	51.55	74.00	-22.45	peak			
2	26244.489	23.56	17.07	40.63	54.00	-13.37	AVG			

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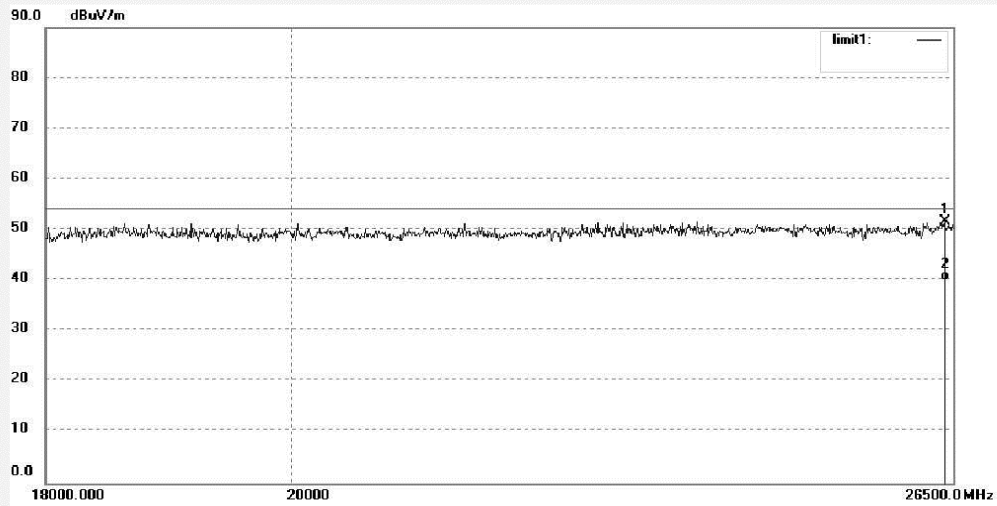
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #1132	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5240MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	35.05	16.50	51.55	74.00	-22.45	peak			
2	26407.731	23.45	16.50	39.95	54.00	-14.05	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

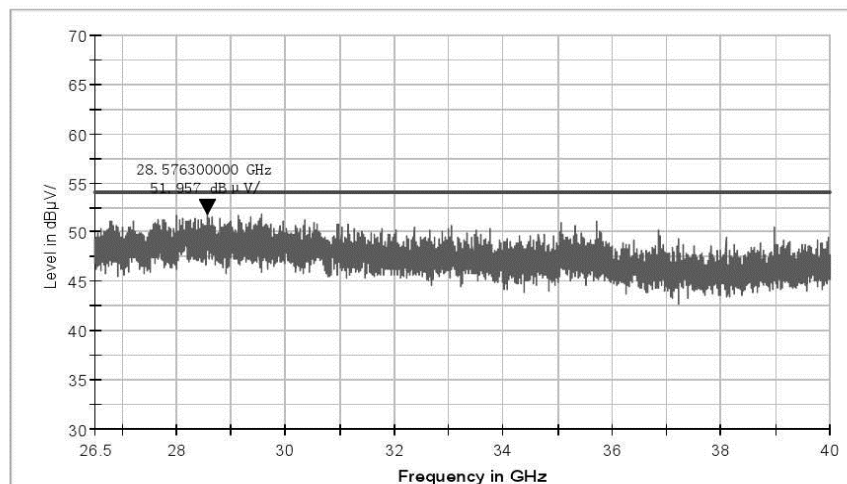
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5240MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11a

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

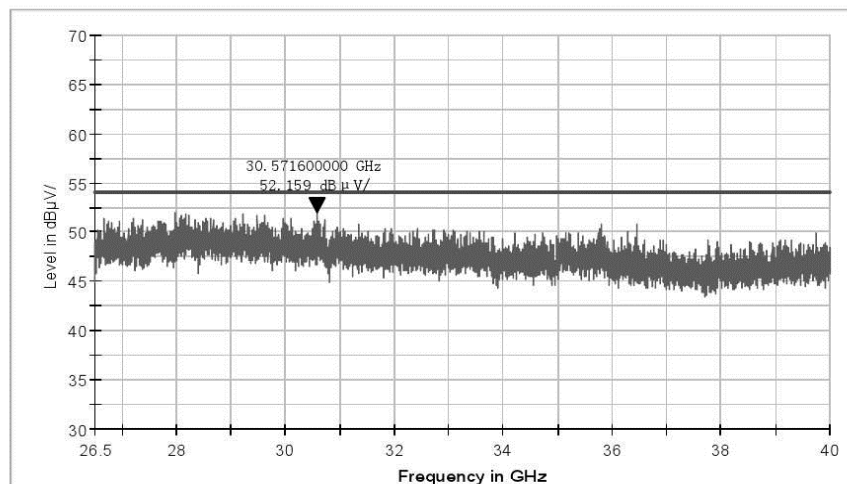
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5240MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11a

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



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802.11n HT20
CH36

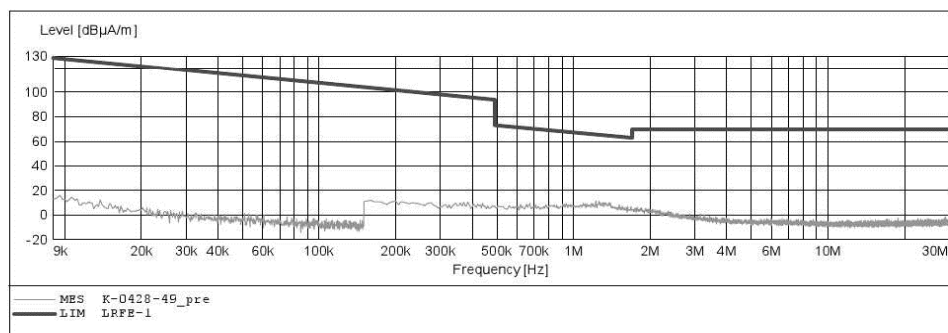
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FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
Manufacturer: Lenovo
Operating Condition: TX 5180MHz
Test Site: 2# Chamber
Operator: LAN
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	



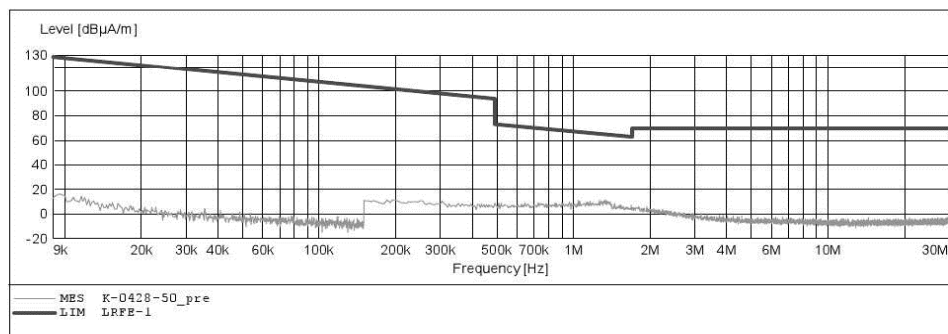
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5180MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



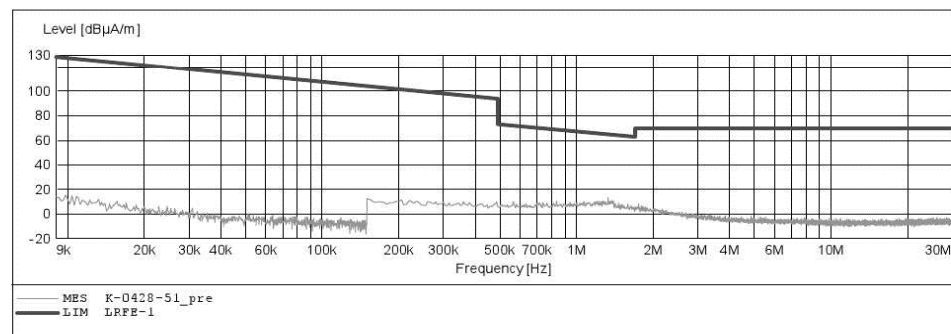
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5180MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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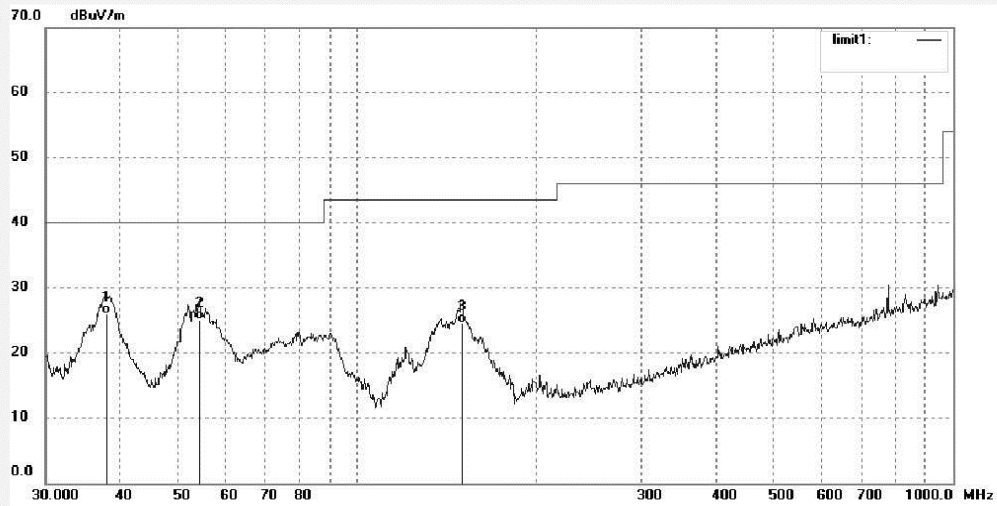


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #791	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/21/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5180MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.9450	37.02	-11.08	25.94	40.00	-14.06	QP			
2	54.4515	38.13	-12.94	25.19	40.00	-14.81	QP			
3	150.0107	39.76	-15.16	24.60	43.50	-18.90	QP			

Produkte
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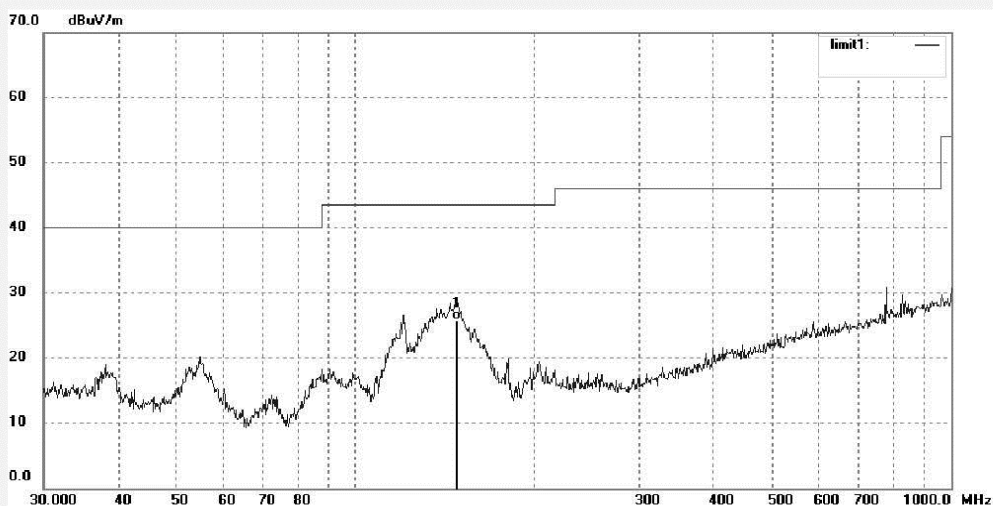


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #792	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/21/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5180MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	147.9214	41.06	-15.19	25.87	43.50	-17.63	QP			

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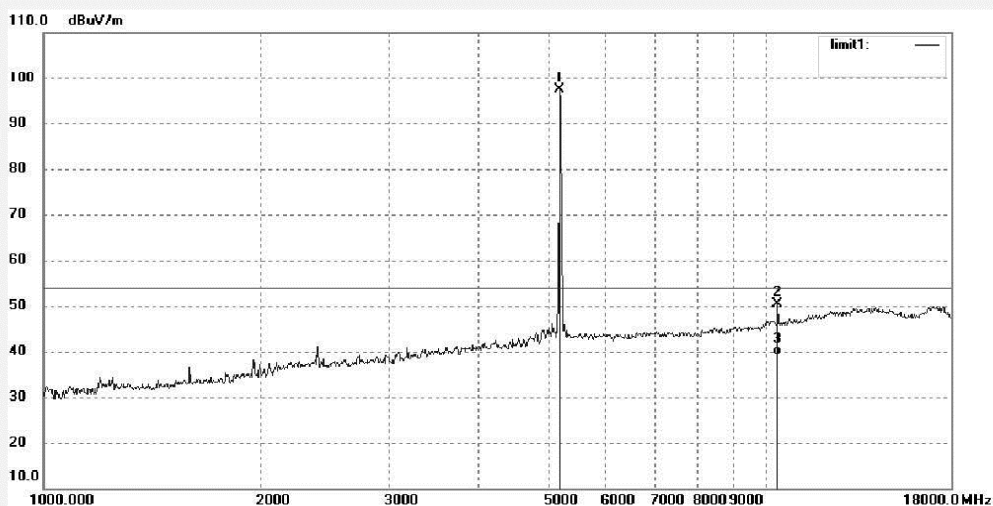
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #288
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5180MHz
Model: R123
Manufacturer: Lenovo

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	96.82	0.61	97.43	/	/	peak			
2	10360.321	41.32	8.97	50.29	74.00	-23.71	peak			
3	10360.321	30.08	8.97	39.05	54.00	-14.95	AVG			

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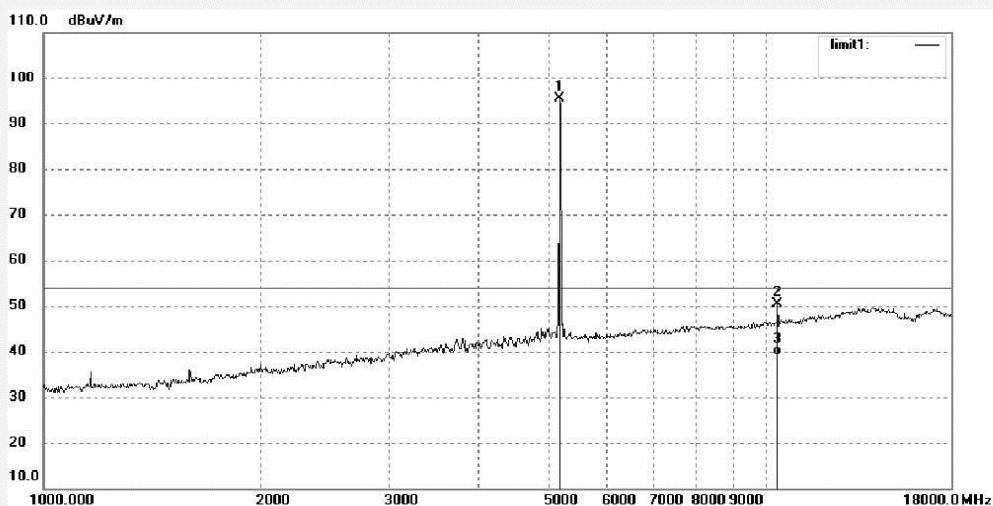
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #289
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5180MHz
Model: R123
Manufacturer: Lenovo

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	94.73	0.61	95.34	/	/	peak			
2	10360.327	41.31	8.97	50.28	74.00	-23.72	peak			
3	10360.327	30.06	8.97	39.03	54.00	-14.97	AVG			

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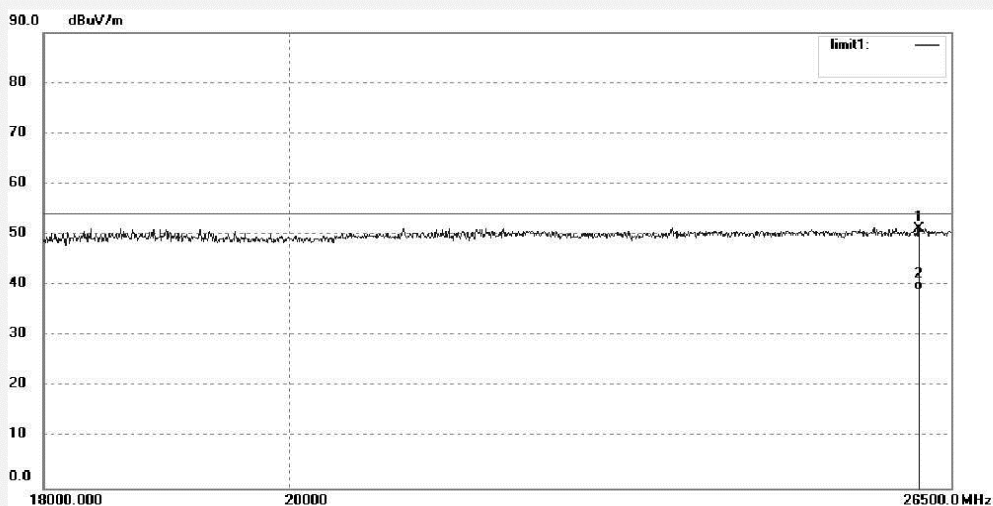
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #1235	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5180MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26142.976	34.80	16.50	51.30	74.00	-22.70	peak			
2	26142.976	22.48	16.50	38.98	54.00	-15.02	AVG			

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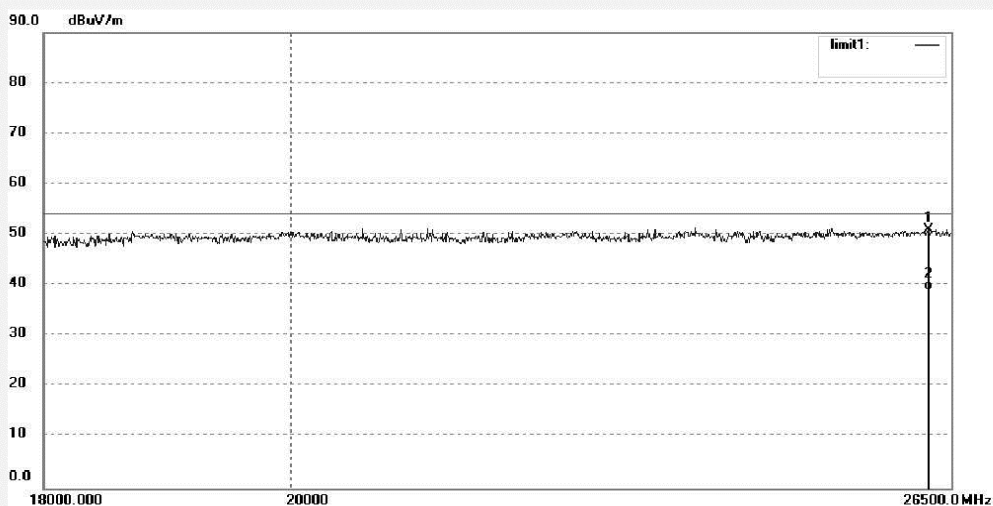
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #1236	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5180MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26254.662	33.82	17.06	50.88	74.00	-23.12	peak			
2	26254.662	21.92	17.06	38.98	54.00	-15.02	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

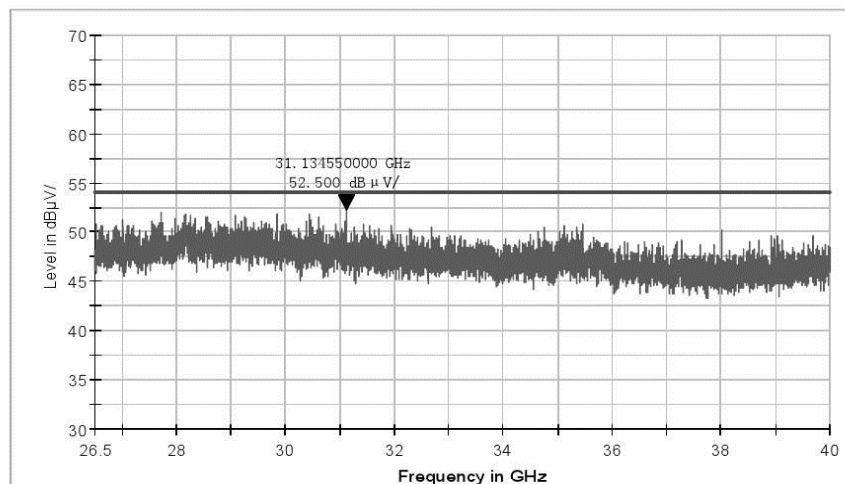
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5180MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

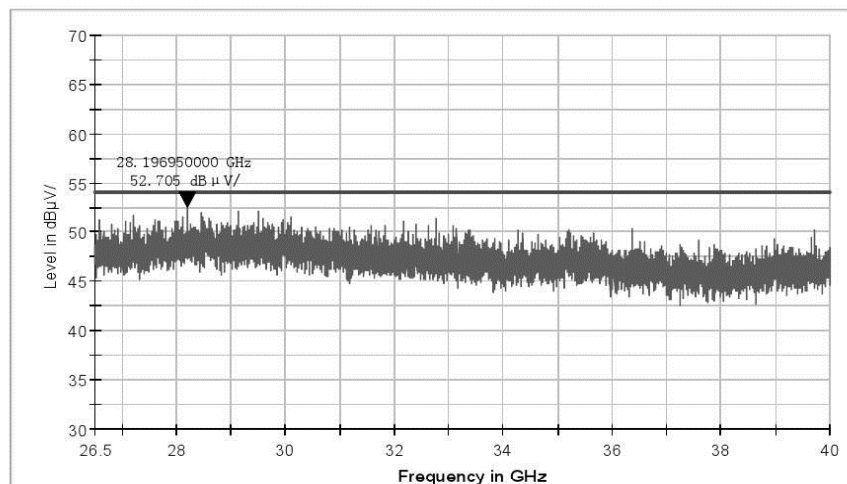
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5180MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



CH40

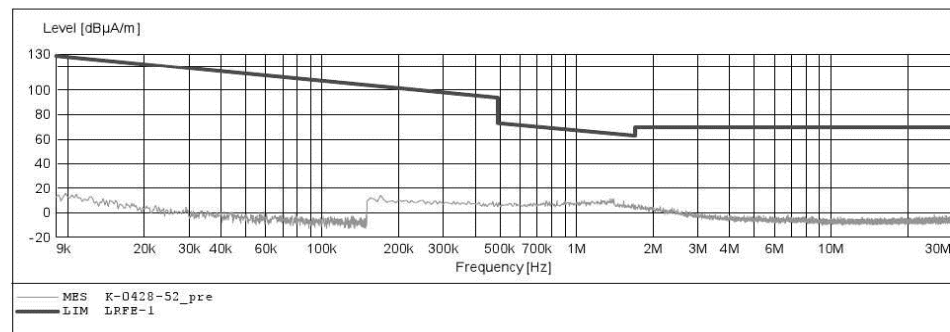
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FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



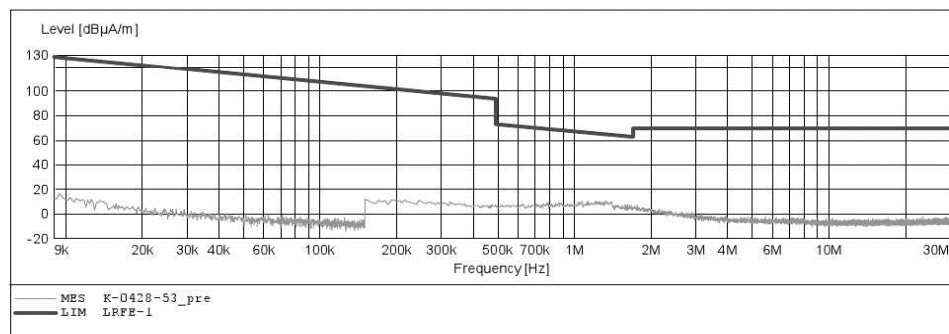
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



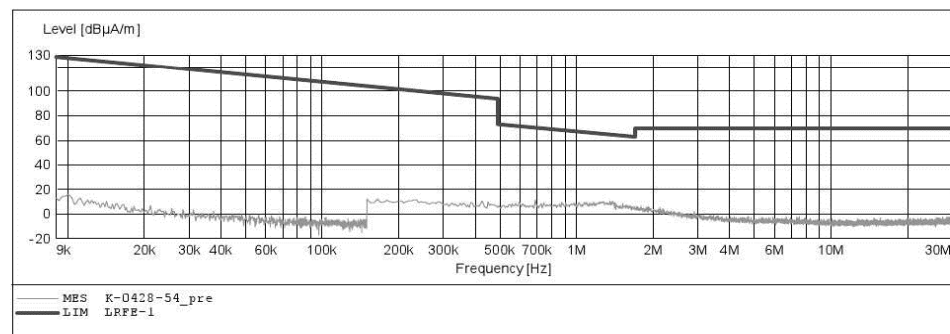
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5200MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



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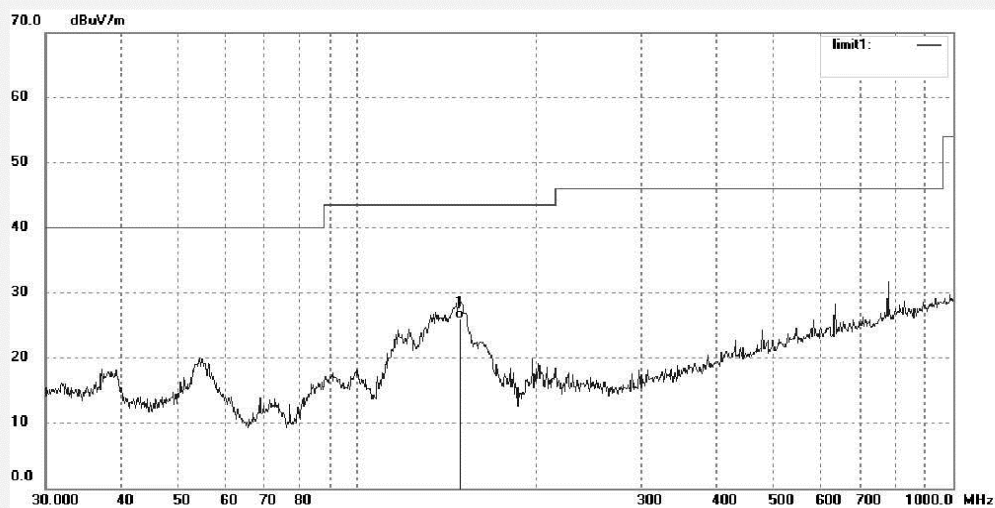


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #793	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/21/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5200MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	148.9625	41.10	-15.17	25.93	43.50	-17.57	QP			

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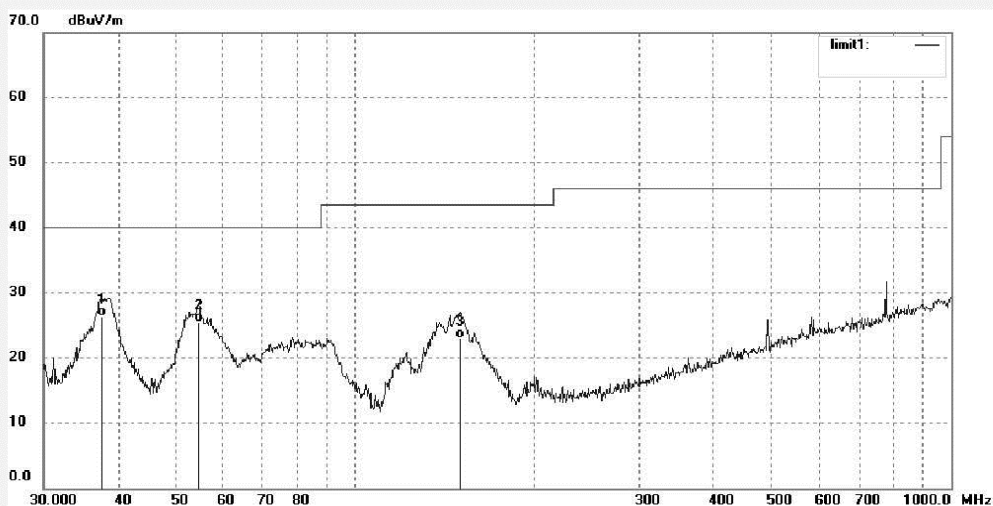


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #794	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/21/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5200MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.6798	37.42	-11.02	26.40	40.00	-13.60	QP			
2	54.6428	38.37	-12.95	25.42	40.00	-14.58	QP			
3	150.0107	38.15	-15.16	22.99	43.50	-20.51	QP			

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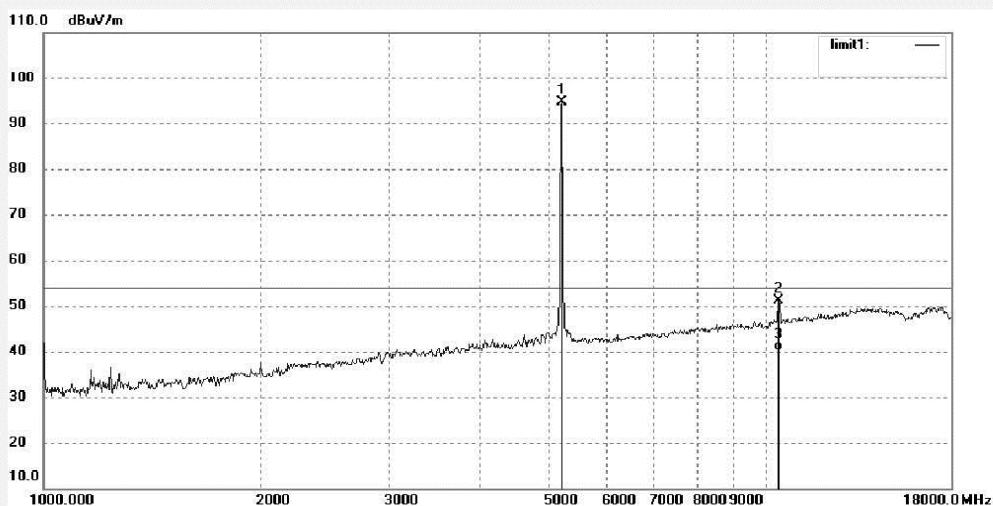
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #290
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5200MHz
Model: R123
Manufacturer: Lenovo

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	93.97	0.68	94.65	/	/	peak			
2	10400.328	42.34	8.88	51.22	74.00	-22.78	peak			
3	10400.328	31.25	8.88	40.13	54.00	-13.87	AVG			

Produkte
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ACCURATE TECHNOLOGY CO., LTD.

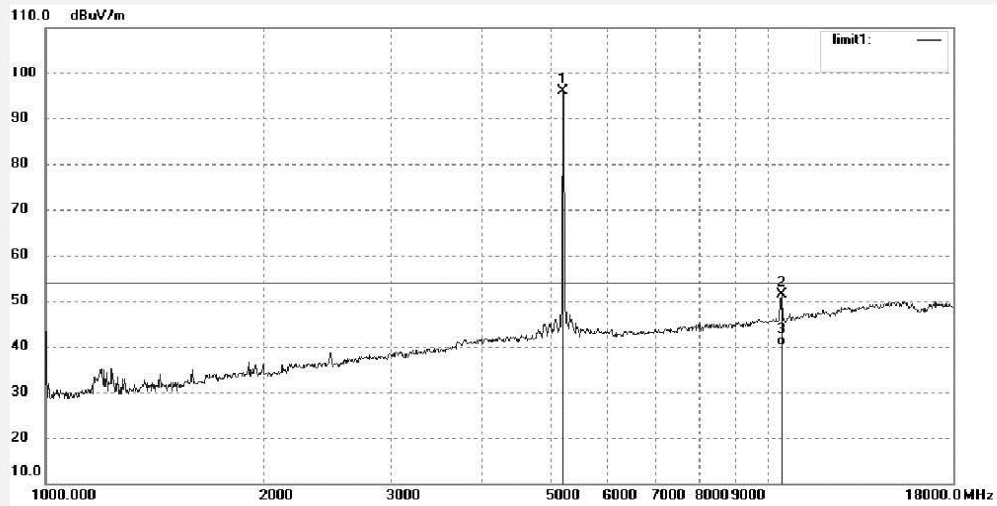
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #291
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5200MHz
Model: R123
Manufacturer: Lenovo

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5200.000	95.21	0.68	95.89	/	/	peak			
2	10400.254	42.48	8.88	51.36	74.00	-22.64	peak			
3	10400.254	31.24	8.88	40.12	54.00	-13.88	AVG			

Produkte
Products



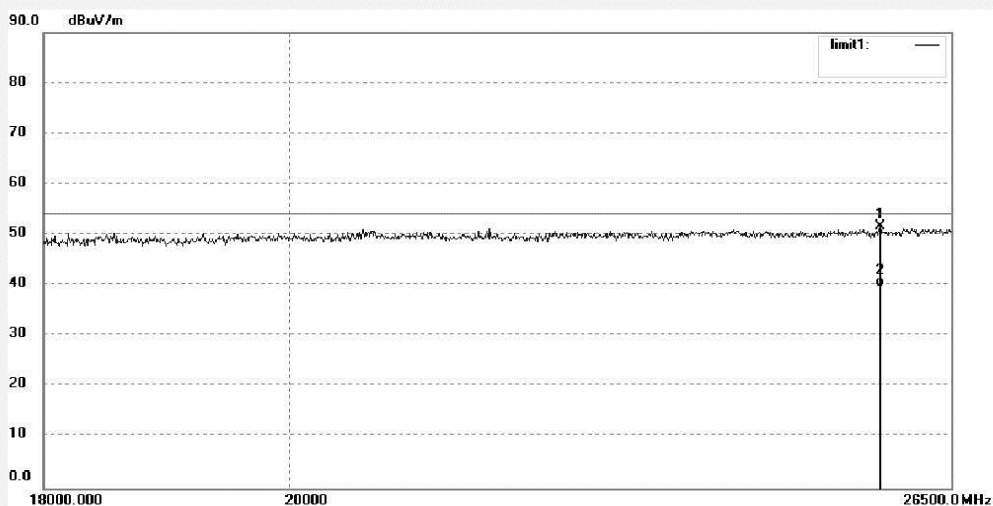
ACCURATE TECHNOLOGY CO., LTD.

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.: lenovo #1237	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5200MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25710.925	34.13	17.43	51.56	74.00	-22.44	peak			
2	25710.925	22.31	17.43	39.74	54.00	-14.26	AVG			

Produkte
Products



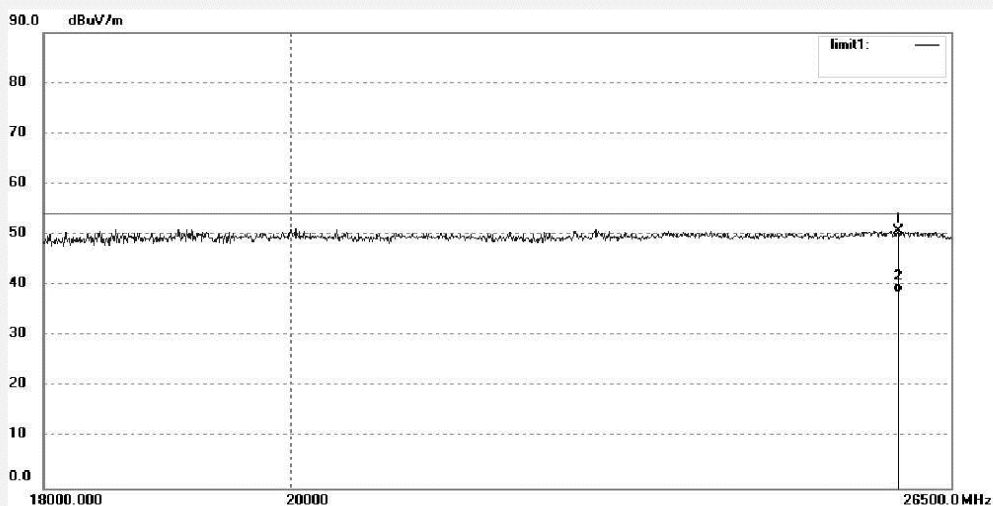
ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #1238	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5200MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25910.983	34.17	16.50	50.67	74.00	-23.33	peak			
2	25910.983	22.09	16.50	38.59	54.00	-15.41	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

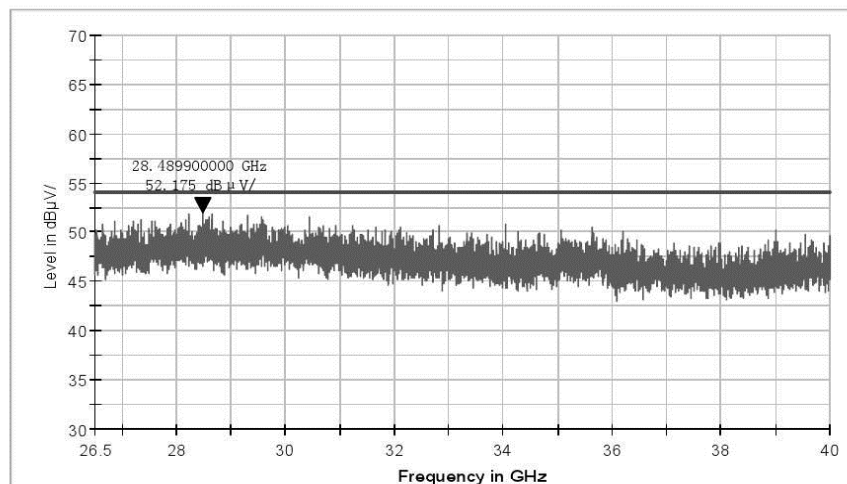
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5200MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

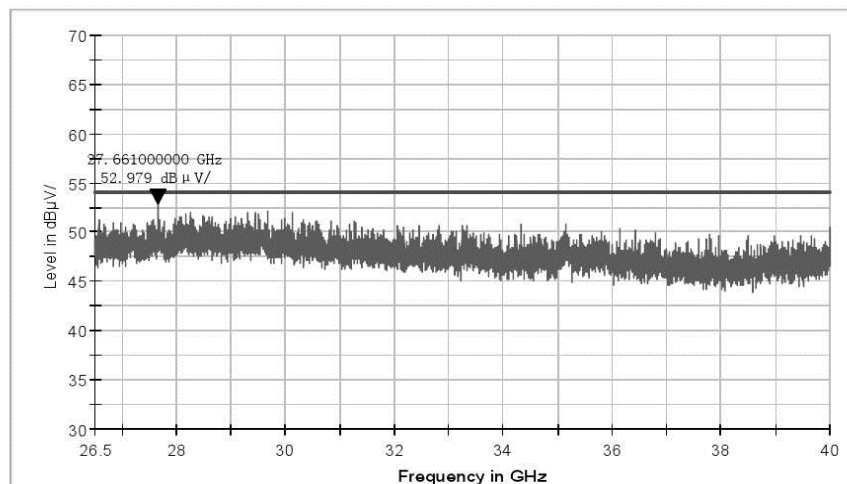
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5200MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



CH44

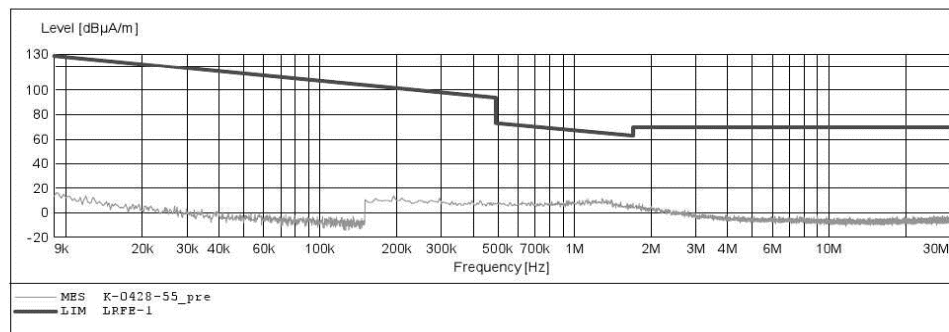
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5220MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



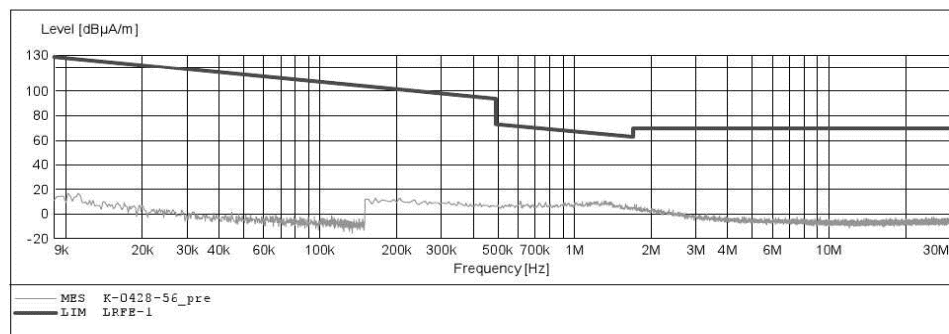
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5220MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	



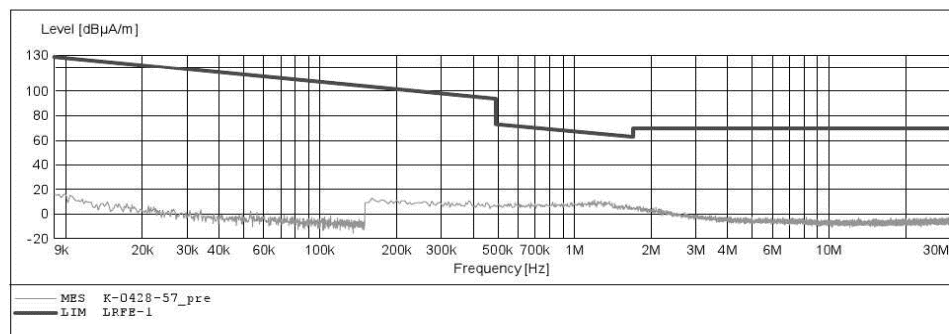
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5220MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



Produkte
Products



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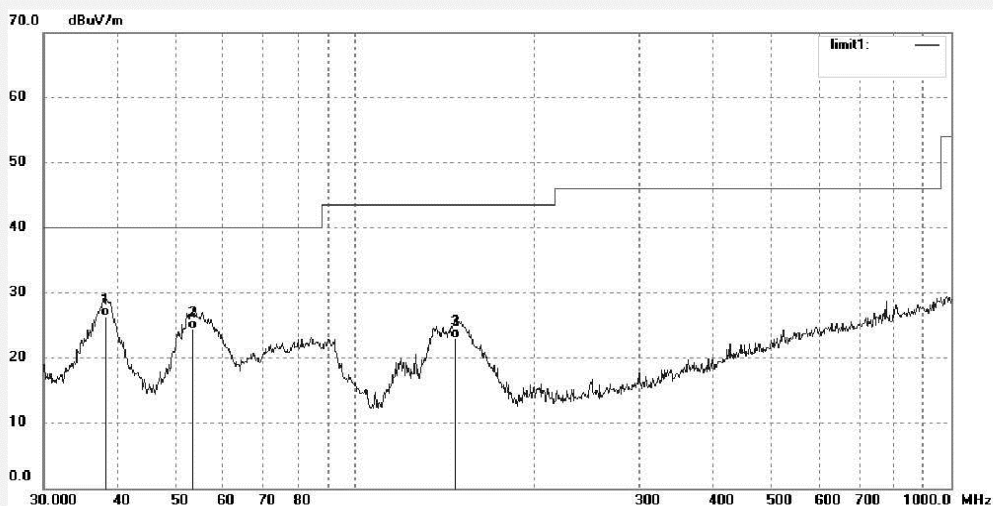
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #795
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5220MHz
Model: R123
Manufacturer: Lenovo

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/04/21/
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	38.2120	37.47	-11.14	26.33	40.00	-13.67	QP			
2	53.5052	37.35	-12.87	24.48	40.00	-15.52	QP			
3	147.4036	38.16	-15.20	22.96	43.50	-20.54	QP			

Produkte
Products

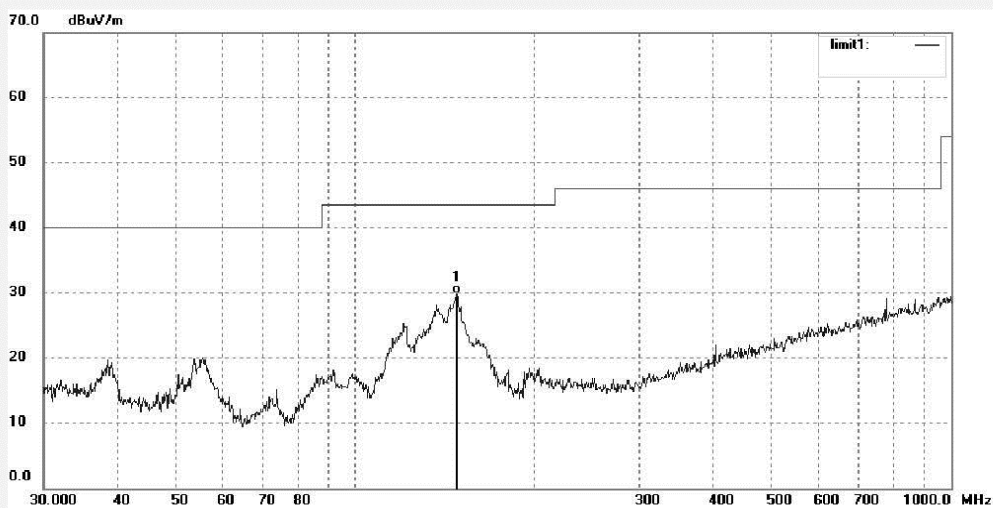


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #796	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/21/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5220MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	147.9214	45.07	-15.19	29.88	43.50	-13.62	QP			

Produkte
Products



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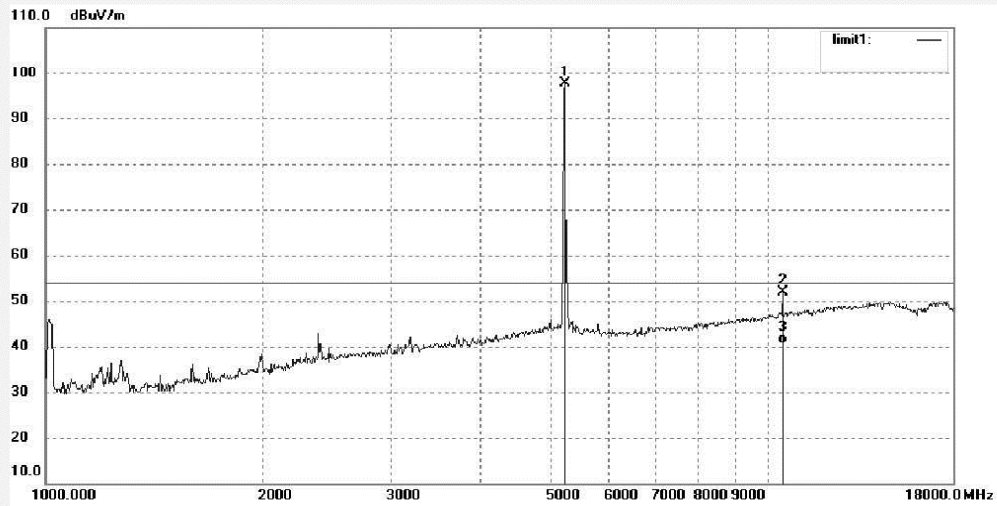
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #292
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5220MHz
Model: R123
Manufacturer: Lenovo

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	96.84	0.75	97.59	/	/	peak			
2	10440.331	43.14	8.75	51.89	74.00	-22.11	peak			
3	10440.331	31.85	8.75	40.60	54.00	-13.40	AVG			

Produkte
Products



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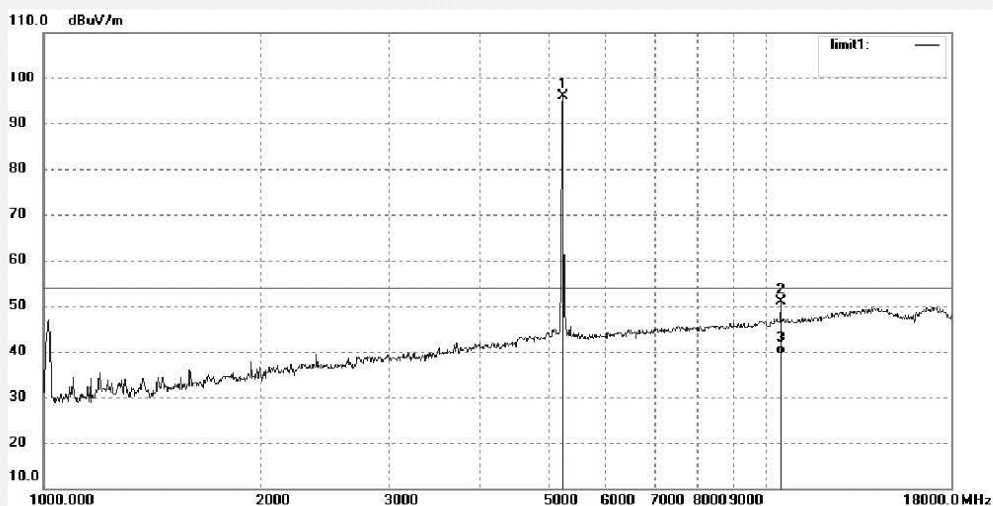
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #293
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5220MHz
Model: R123
Manufacturer: Lenovo

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5220.000	95.14	0.75	95.89	/	/	peak			
2	10440.228	42.14	8.75	50.89	74.00	-23.11	peak			
3	10440.228	30.75	8.75	39.50	54.00	-14.50	AVG			

Produkte
Products



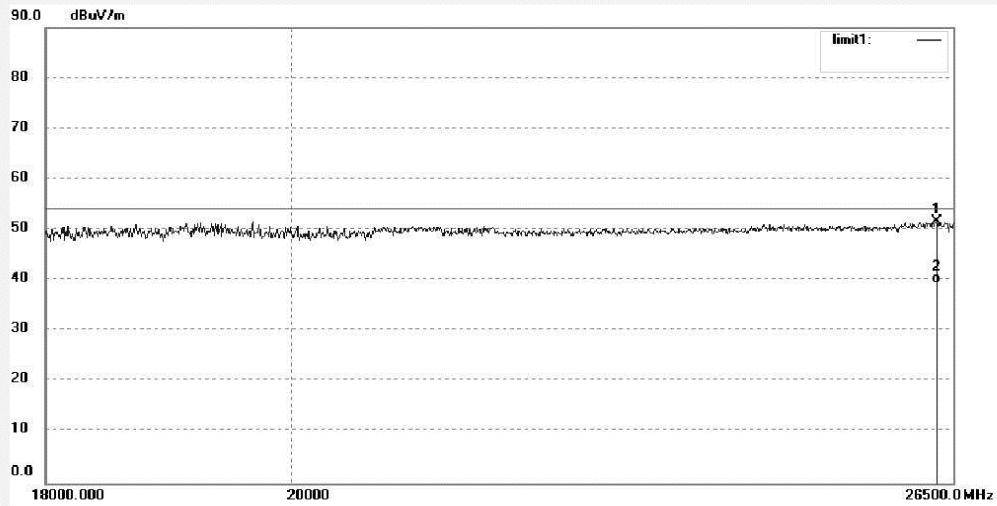
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #1239	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5220MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26315.783	35.08	16.50	51.58	74.00	-22.42	peak			
2	26315.783	23.04	16.50	39.54	54.00	-14.46	AVG			

Produkte
Products



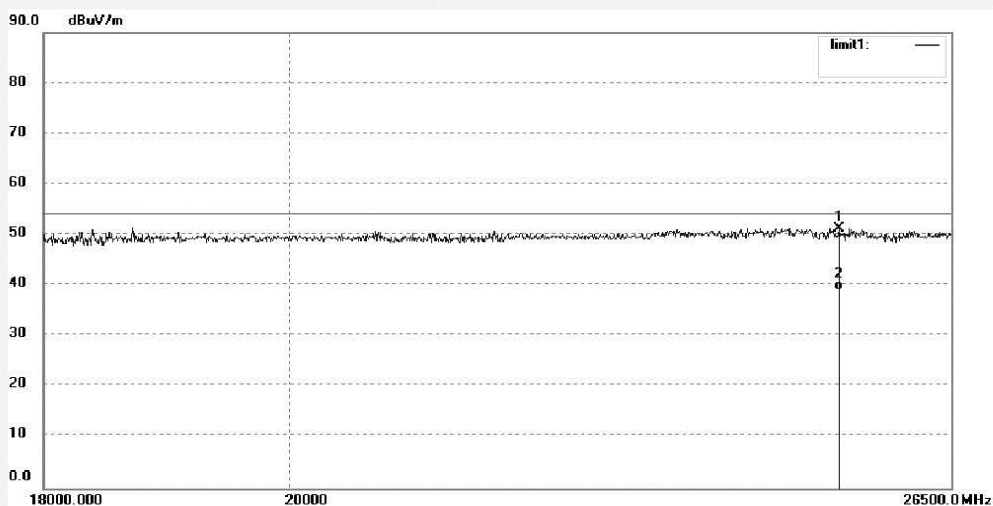
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #1240	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5220MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25266.422	33.57	17.72	51.29	74.00	-22.71	peak			
2	25266.422	21.34	17.72	39.06	54.00	-14.94	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

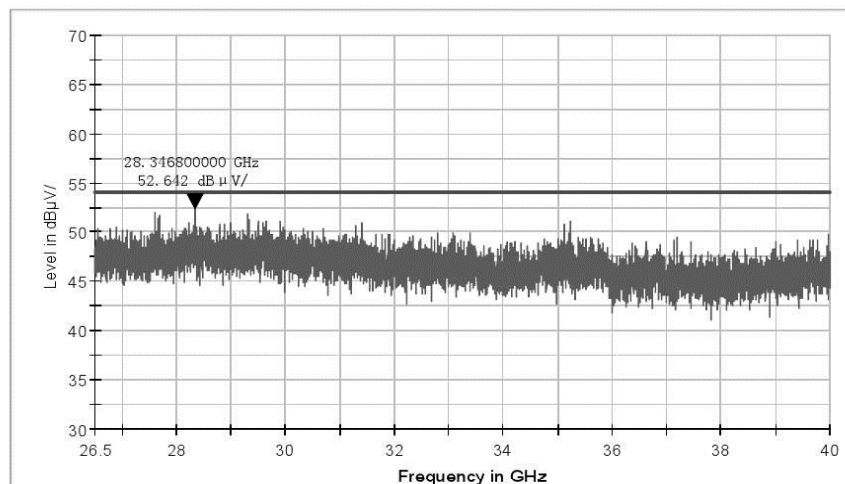
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5200MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

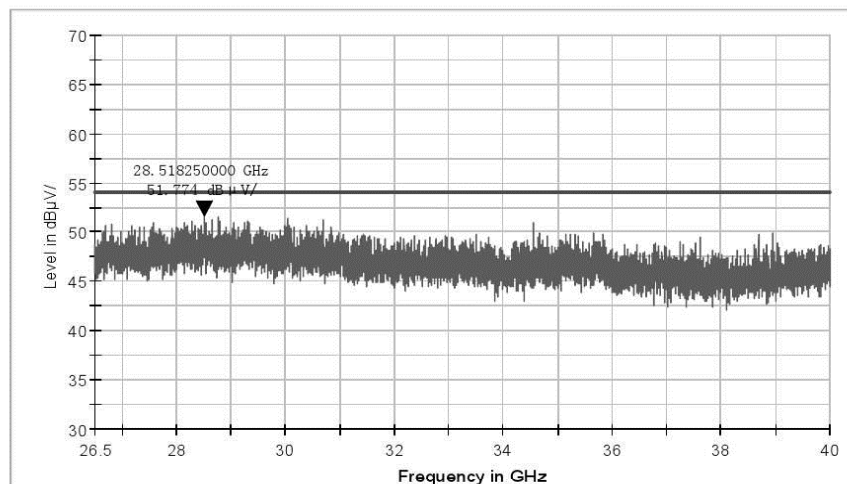
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5200MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



CH48

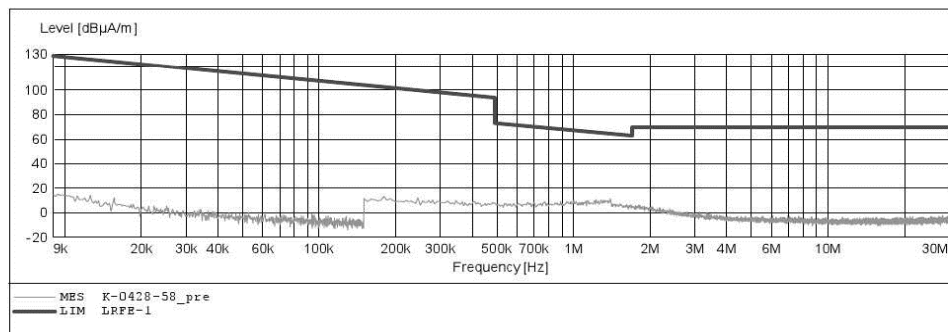
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FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5240MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



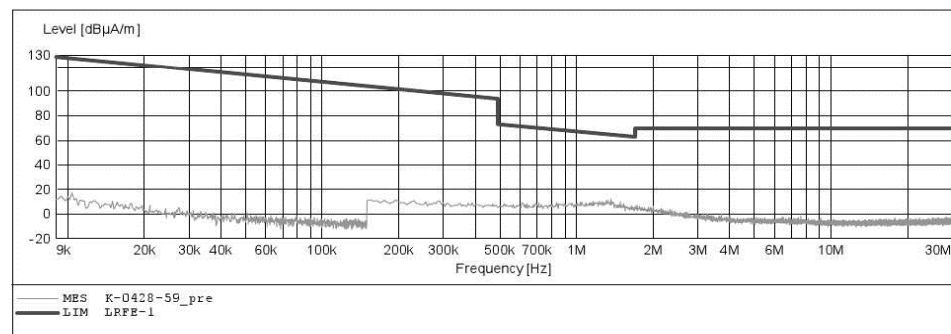
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5240MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	



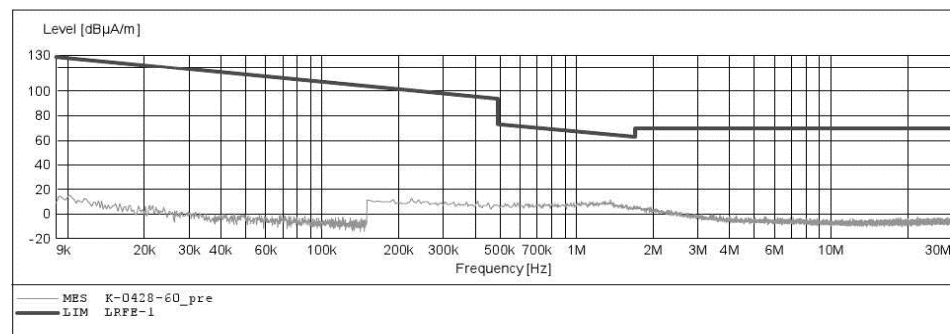
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5240MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	



Produkte
Products

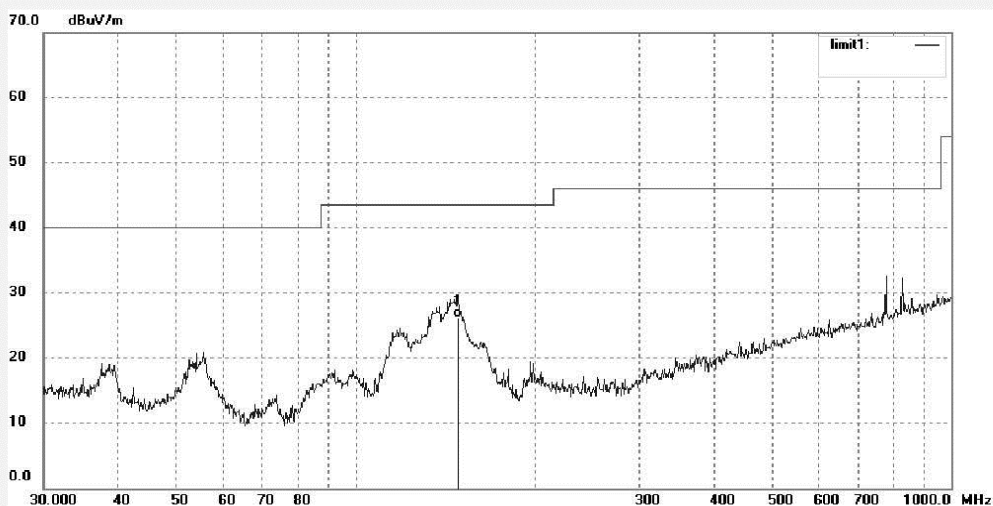


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #797	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/21/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5240MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	148.4410	41.31	-15.18	26.13	43.50	-17.37	QP			

Produkte
Products

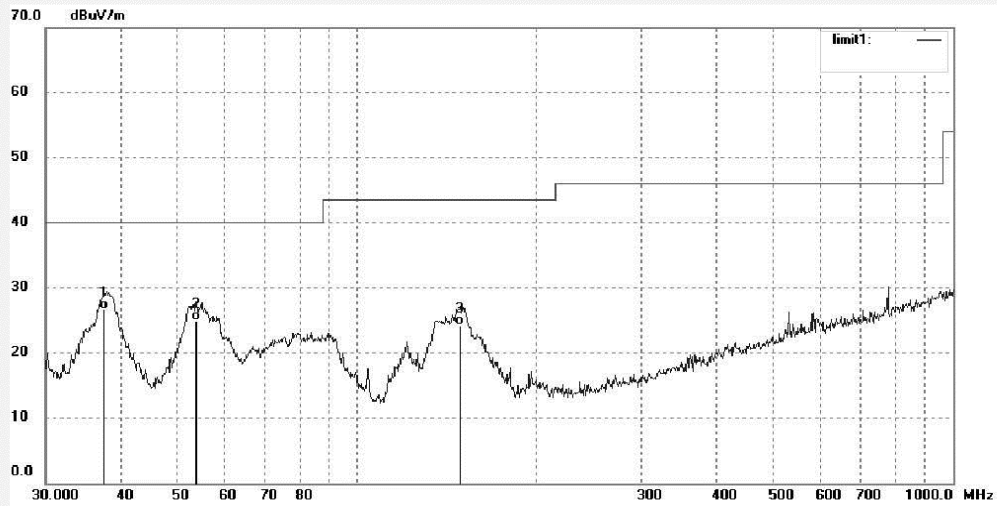


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #798	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/21/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5240MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.6798	37.71	-11.02	26.69	40.00	-13.31	QP			
2	53.6931	37.74	-12.88	24.86	40.00	-15.14	QP			
3	148.9625	39.43	-15.17	24.26	43.50	-19.24	QP			

Produkte
Products



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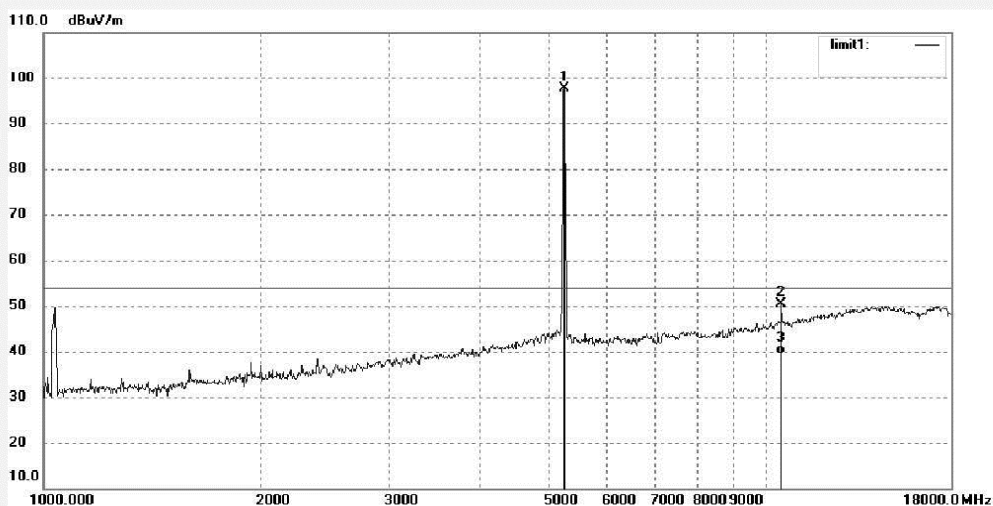
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #294
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5240MHz
Model: R123
Manufacturer: Lenovo

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	96.76	0.82	97.58	/	/	peak			
2	10480.350	41.82	8.62	50.44	74.00	-23.56	peak			
3	10480.350	30.86	8.62	39.48	54.00	-14.52	AVG			

Produkte
Products



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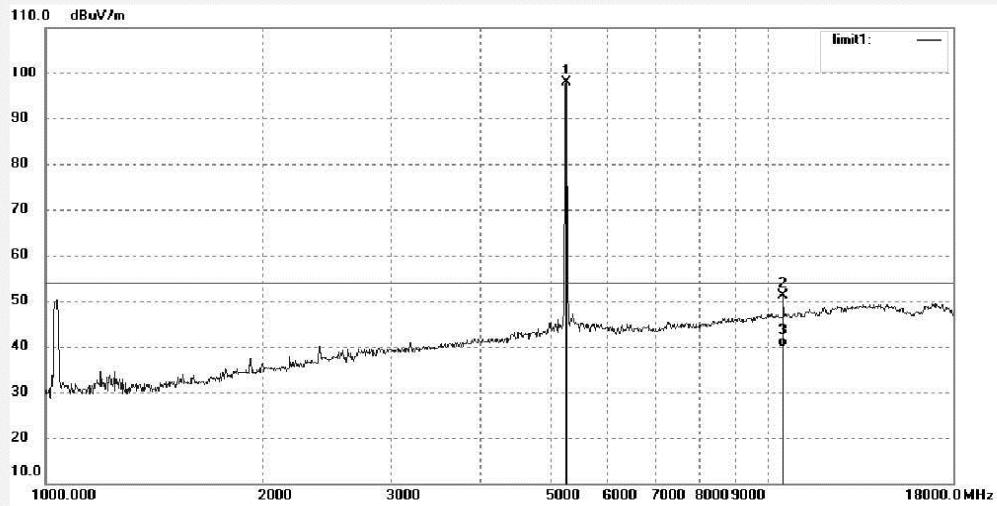
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lenovo #295
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: ThinkPad Stack Wireless Access Point
Mode: TX 5240MHz
Model: R123
Manufacturer: Lenovo

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2015/02/08
Time:
Engineer Signature:
Distance: 3m

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	97.18	0.82	98.00	/	/	peak			
2	10480.323	42.45	8.62	51.07	74.00	-22.93	peak			
3	10480.323	31.24	8.62	39.86	54.00	-14.14	AVG			

Produkte
Products



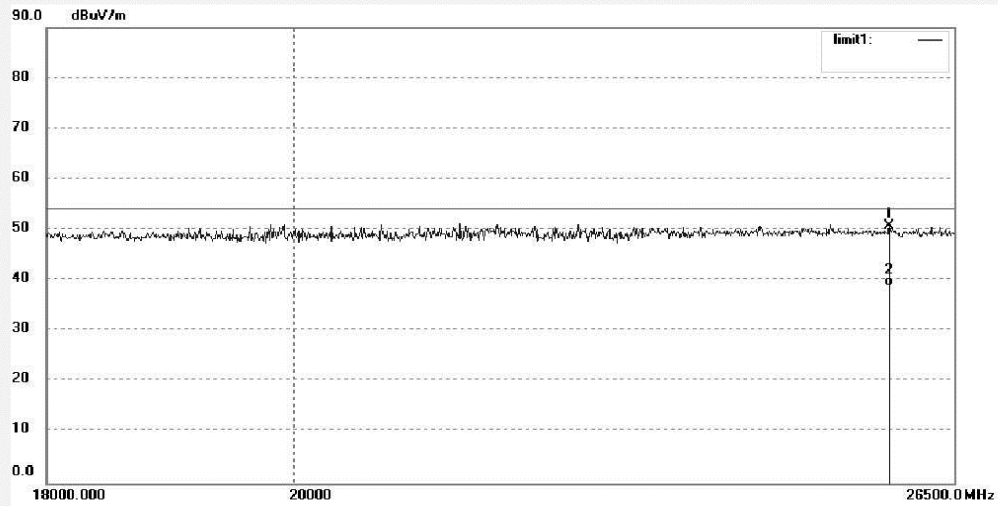
ACCURATE TECHNOLOGY CO., LTD.

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.: lenovo #1241	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5240MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25780.769	33.25	17.38	50.63	74.00	-23.37	peak			
2	25780.769	21.45	17.38	38.83	54.00	-15.17	AVG			

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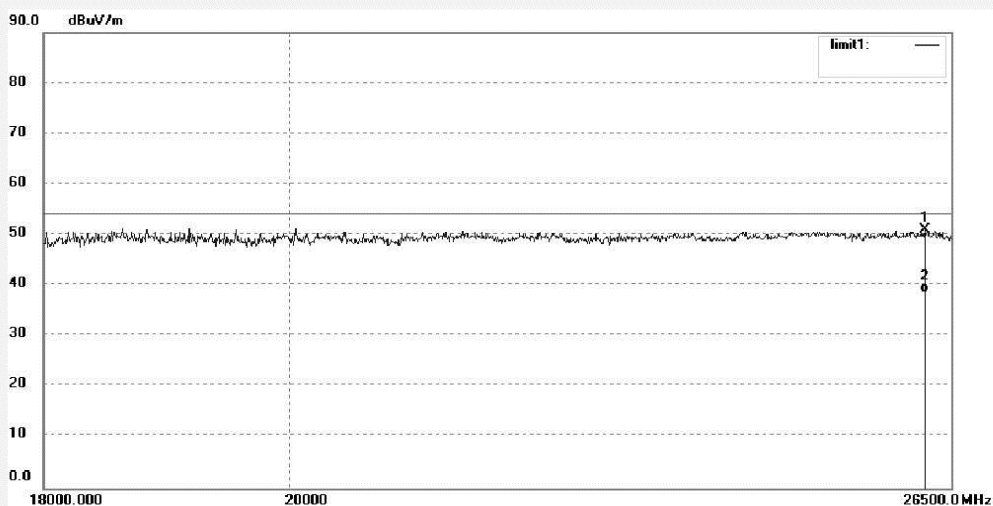
ACCURATE TECHNOLOGY CO., LTD.

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.: lenovo #1242	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/04/28/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: ThinkPad Stack Wireless Access Point	Engineer Signature:
Mode: TX 5240MHz	Distance: 3m
Model: R123	
Manufacturer: Lenovo	

Note: 802.11n HT20



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26203.837	34.38	16.50	50.88	74.00	-23.12	peak			
2	26203.837	22.08	16.50	38.58	54.00	-15.42	AVG			

EMI Sweep(1)

1 / 1

Radiated Emission

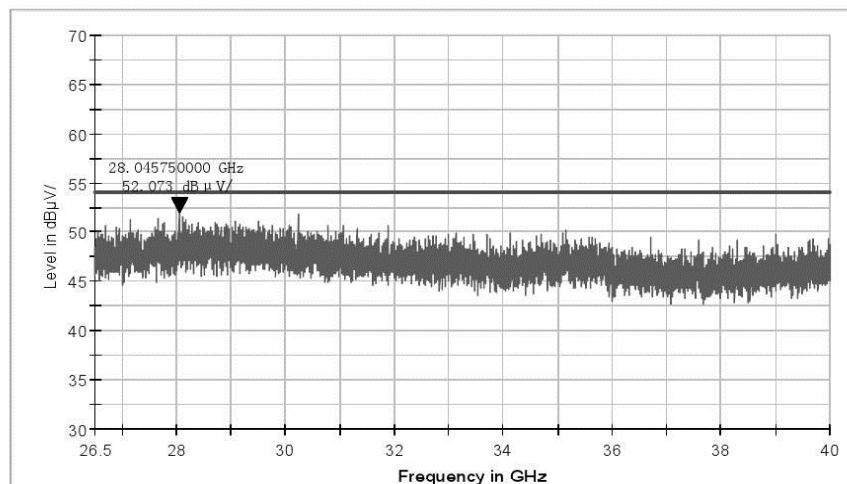
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5240MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



EMI Sweep(1)

1 / 1

Radiated Emission

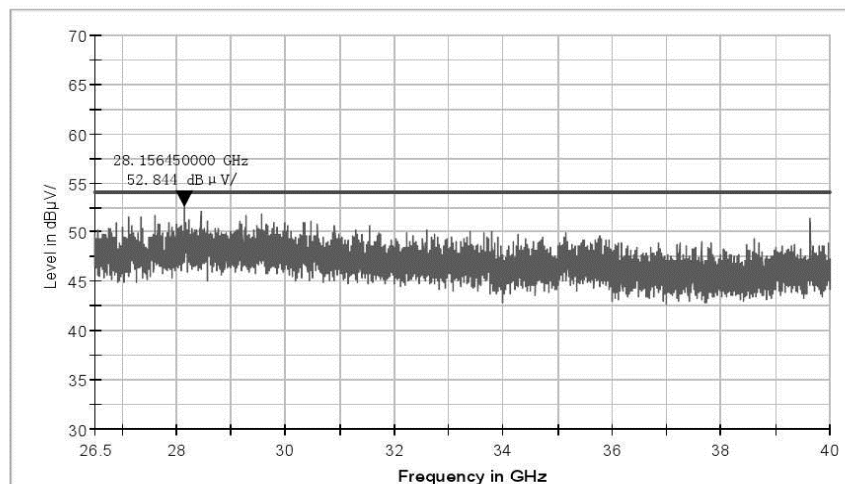
EUT Information

EUT Model Name:	ThinkPad Stack Wireless Access Point M/N:R123
Operation mode:	TX 5240MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n HT20

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



Produkte
Products

802.11n HT40
CH38

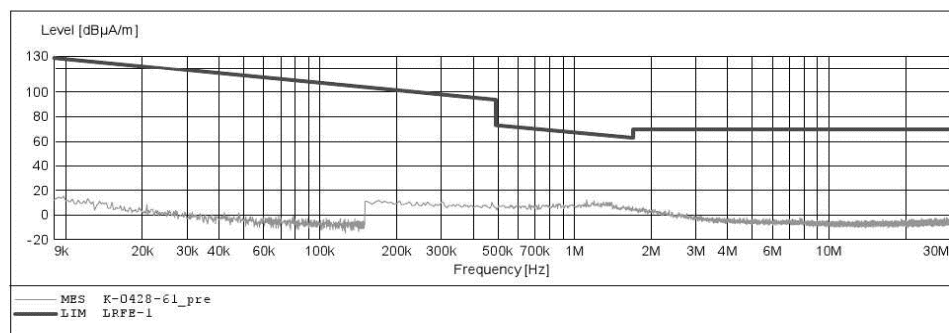
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
Manufacturer: Lenovo
Operating Condition: TX 5190MHz
Test Site: 2# Chamber
Operator: LAN
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: ThinkPad Stack Wireless Access Point M/N:R123
 Manufacturer: Lenovo
 Operating Condition: TX 5190MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-5-4 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	

