


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2239

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 1(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

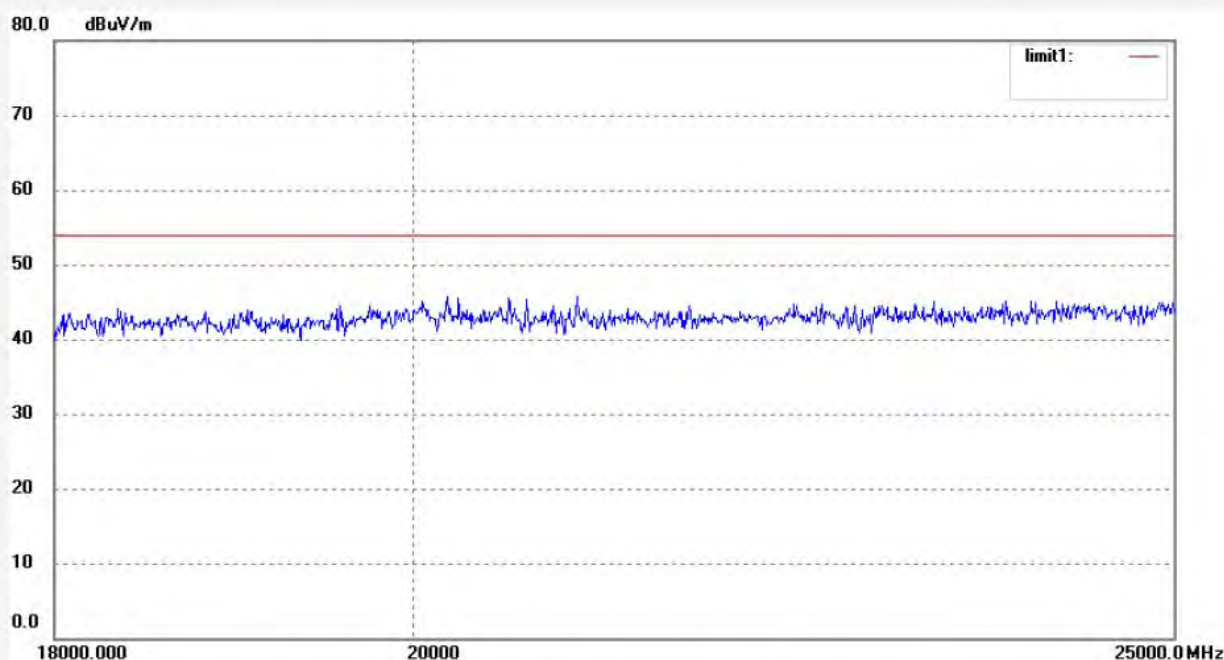
Date: 13/07/23/

Time: 12/35/05

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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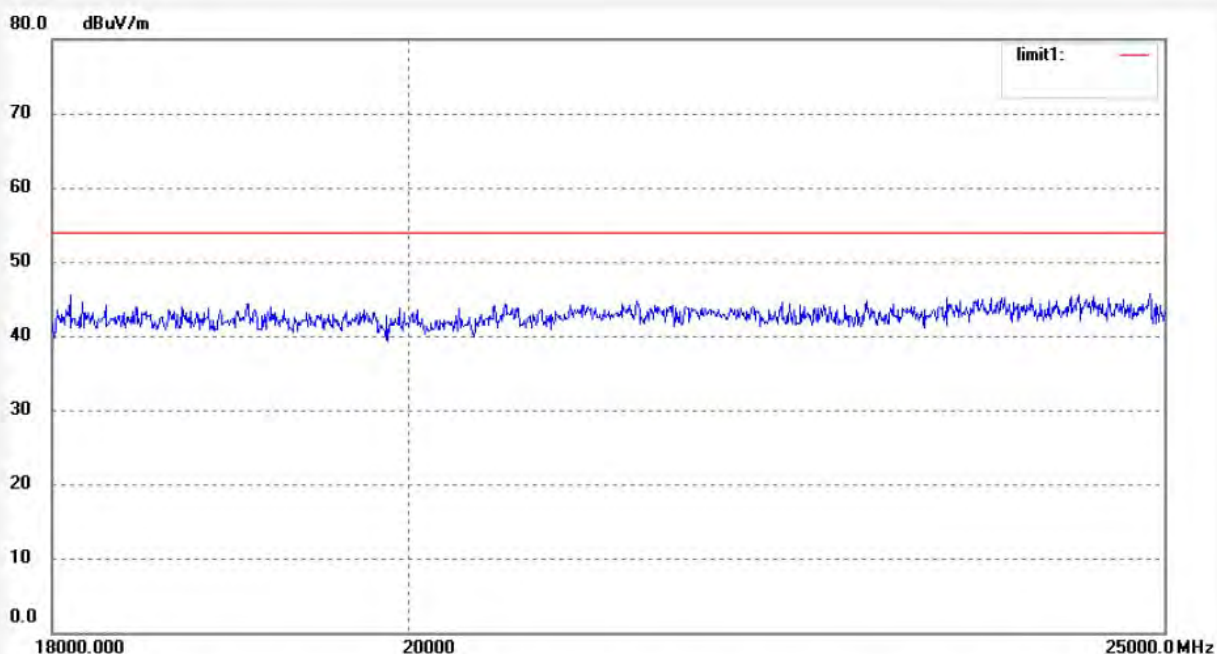

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2240	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/07/23/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 12/38/43
EUT: IP Camera	Engineer Signature: STAR
Mode: TX Channel 1(802.11g)	Distance: 3m
Model: APM-J8015-WS	
Manufacturer: APEXIS	

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2193

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/02/16

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	64.81	-19.80	45.01	46.50	-1.49	QP			
2	300.3672	61.93	-17.86	44.07	46.50	-2.43	QP			
3	601.4265	56.60	-11.65	44.95	46.50	-1.55	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2194

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

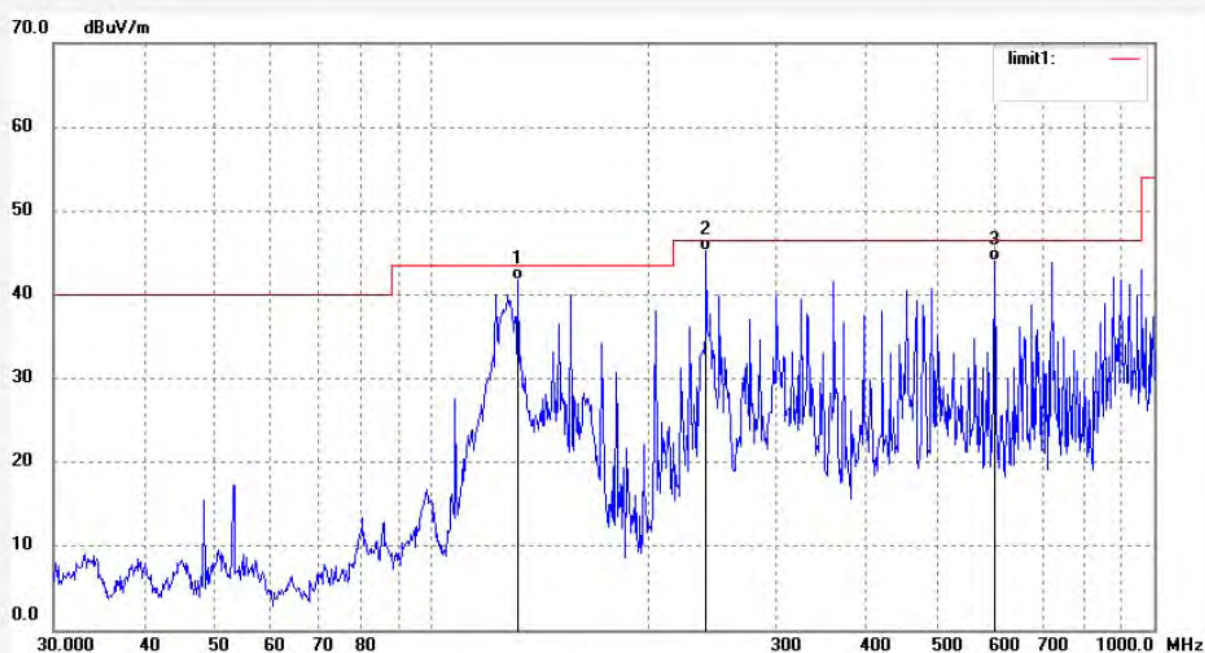
Date: 13/07/23/

Time: 10/05/18

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	64.86	-23.12	41.74	43.50	-1.76	QP			
2	239.9874	65.01	-19.80	45.21	46.50	-1.29	QP			
3	601.4265	55.68	-11.65	44.03	46.50	-2.47	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2217

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

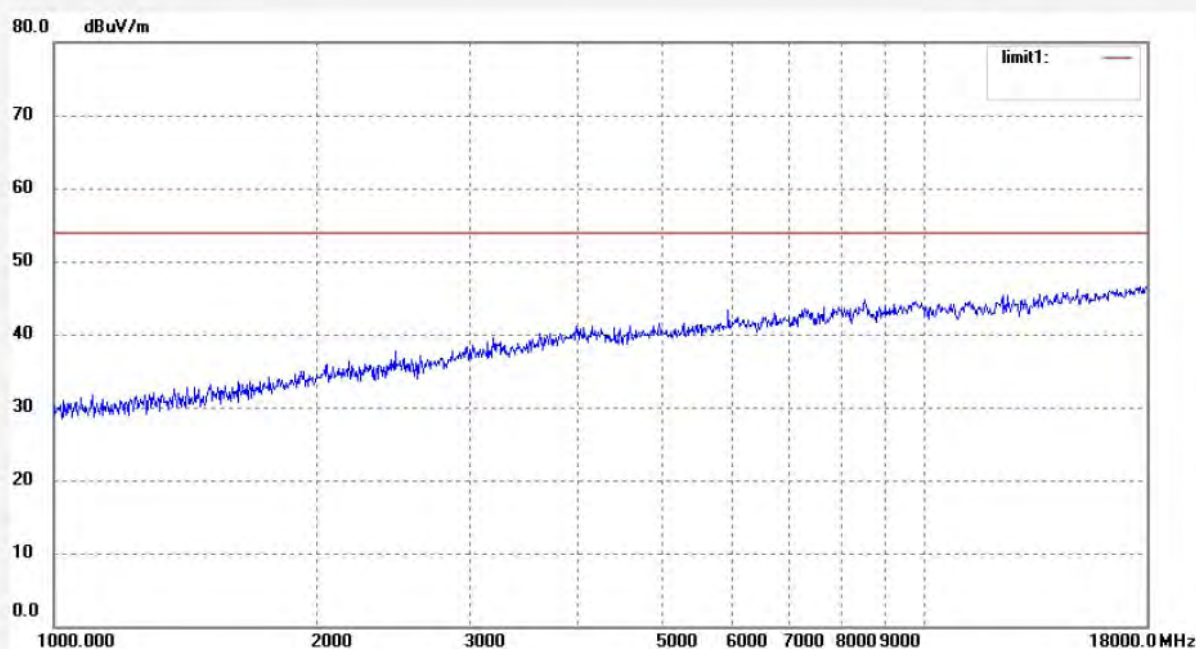
Date: 13/07/23/

Time: 11/20/20

Engineer Signature: STAR

Distance: 3m

Note: Report No.: ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2218

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

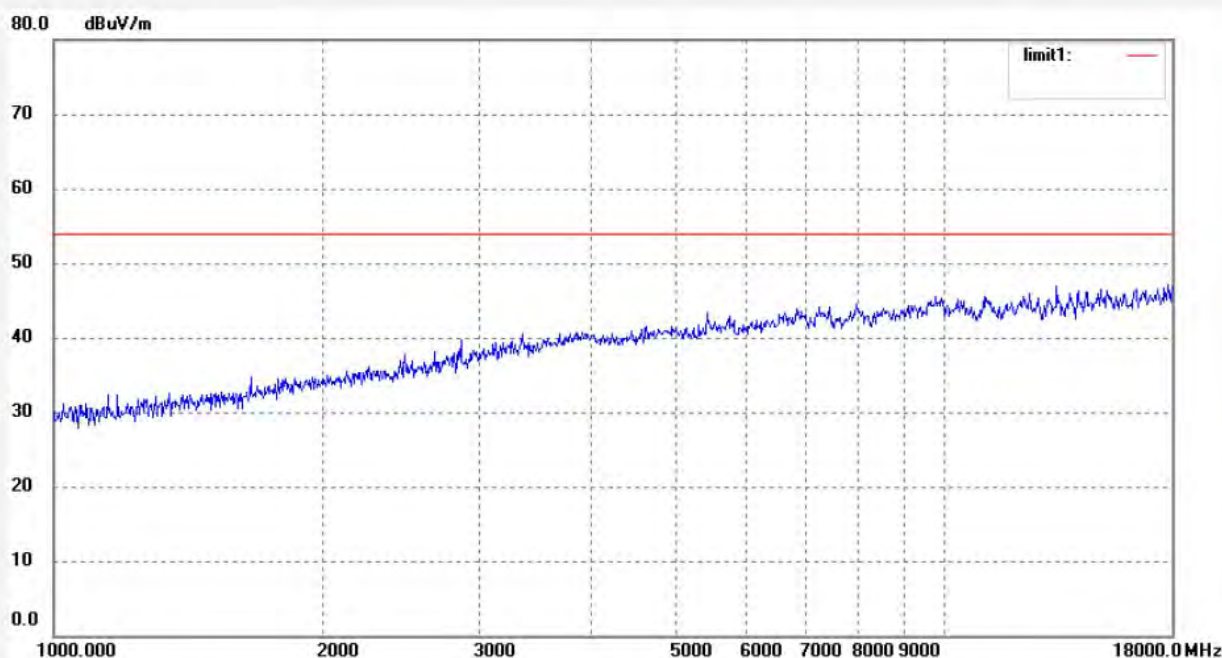
Date: 13/07/23/

Time: 11/24/00

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

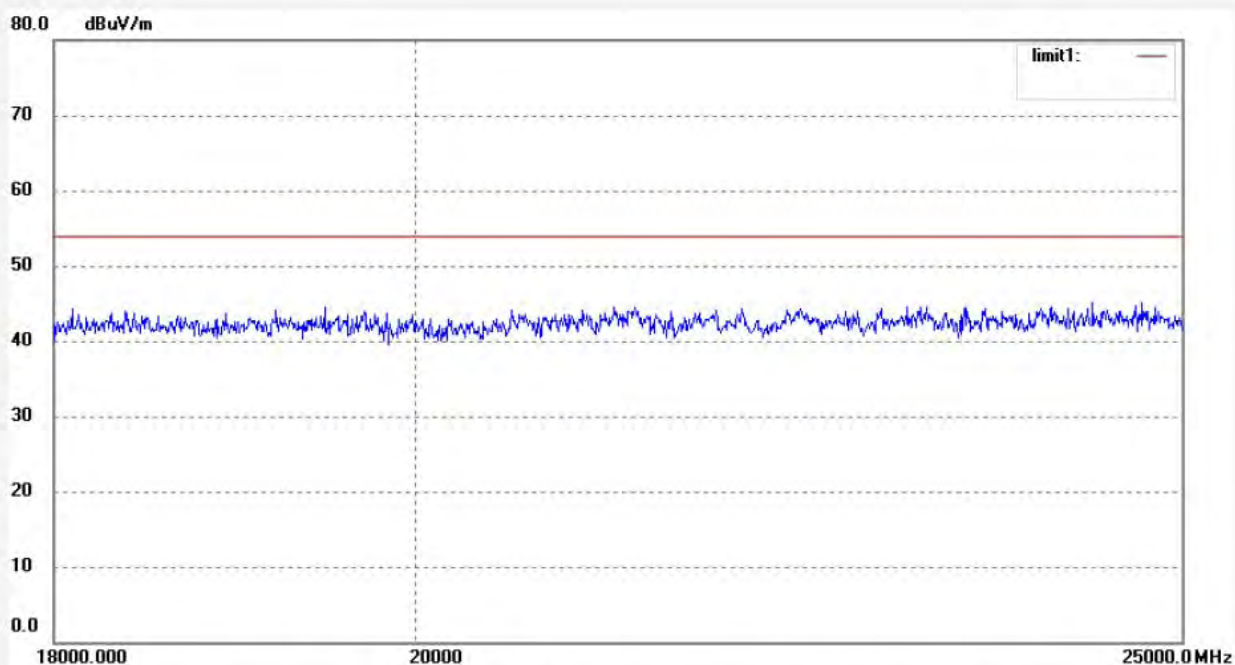
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2241
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: IP Camera
Mode: TX Channel 6(802.11g)
Model: APM-J8015-WS
Manufacturer: APEXIS

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 13/07/23/
Time: 12/41/29
Engineer Signature: STAR
Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2242

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

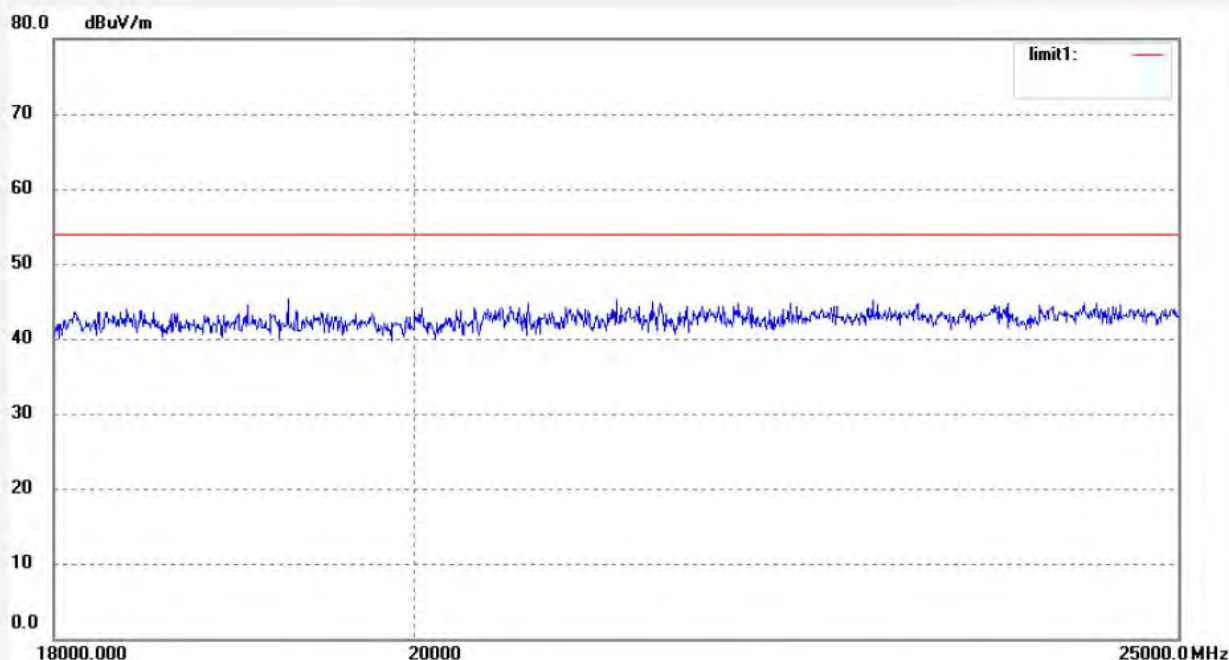
Date: 13/07/23/

Time: 12/45/09

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2195

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

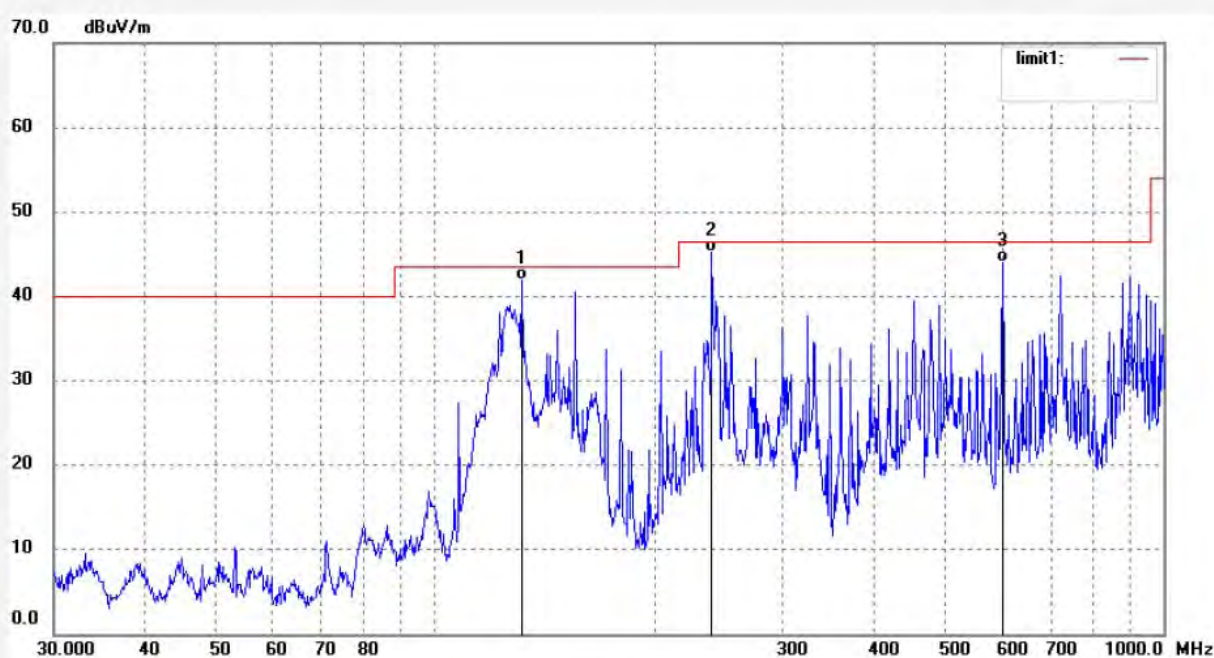
Date: 13/07/23/

Time: 10/08/59

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	65.11	-23.12	41.99	43.50	-1.51	QP			
2	239.9874	65.09	-19.80	45.29	46.50	-1.21	QP			
3	601.4265	55.70	-11.65	44.05	46.50	-2.45	QP			



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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: star #2196

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/11/38

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	65.25	-19.80	45.45	46.50	-1.05	QP			
2	360.4476	60.44	-15.92	44.52	46.50	-1.98	QP			
3	601.4265	56.21	-11.65	44.56	46.50	-1.94	QP			



ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2219

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

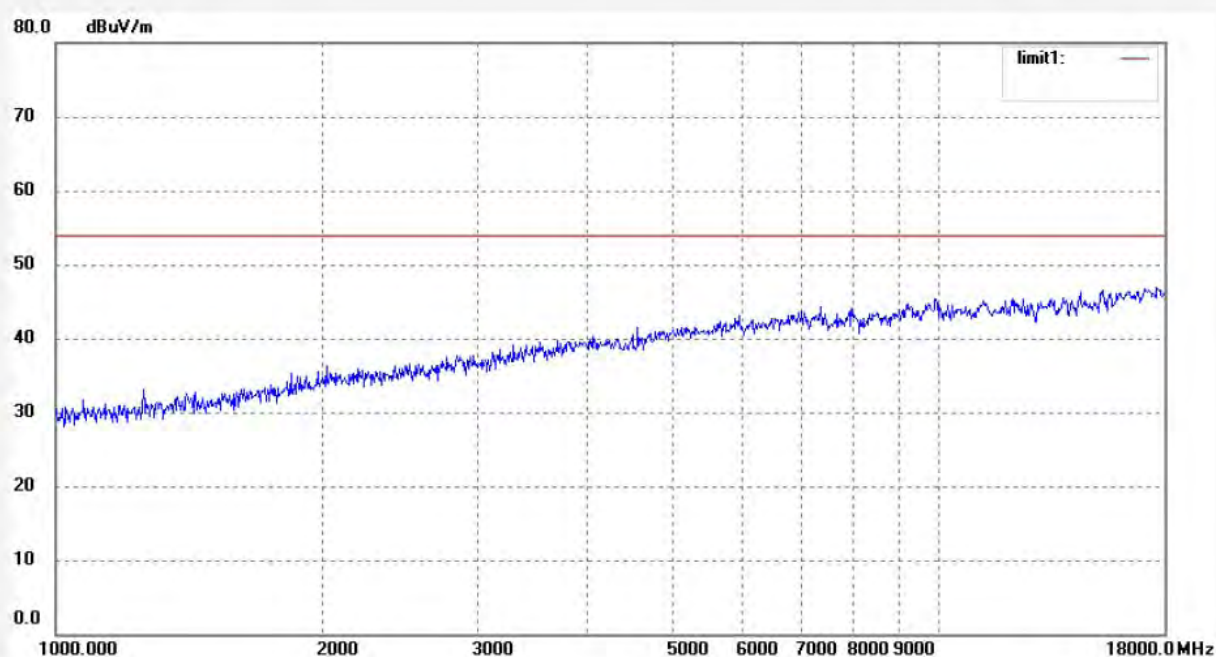
Date: 13/07/23/

Time: 11/27/28

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

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Job No.: star #2220

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

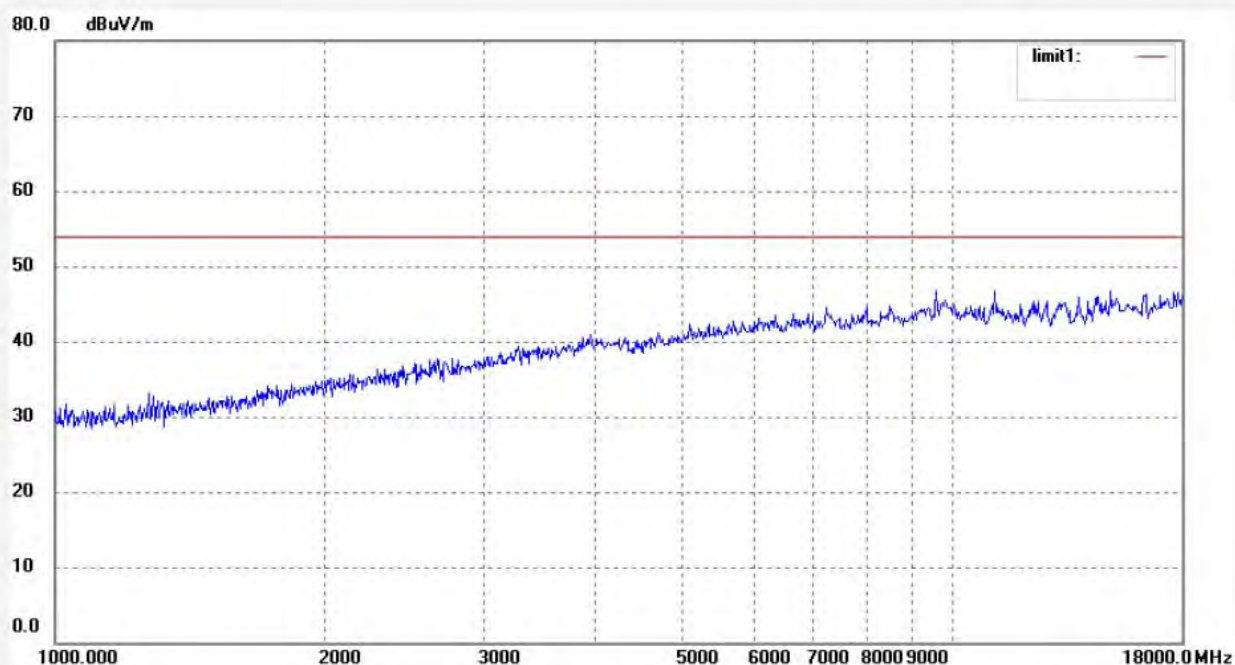
Date: 13/07/23/

Time: 11/31/07

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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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: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2243

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

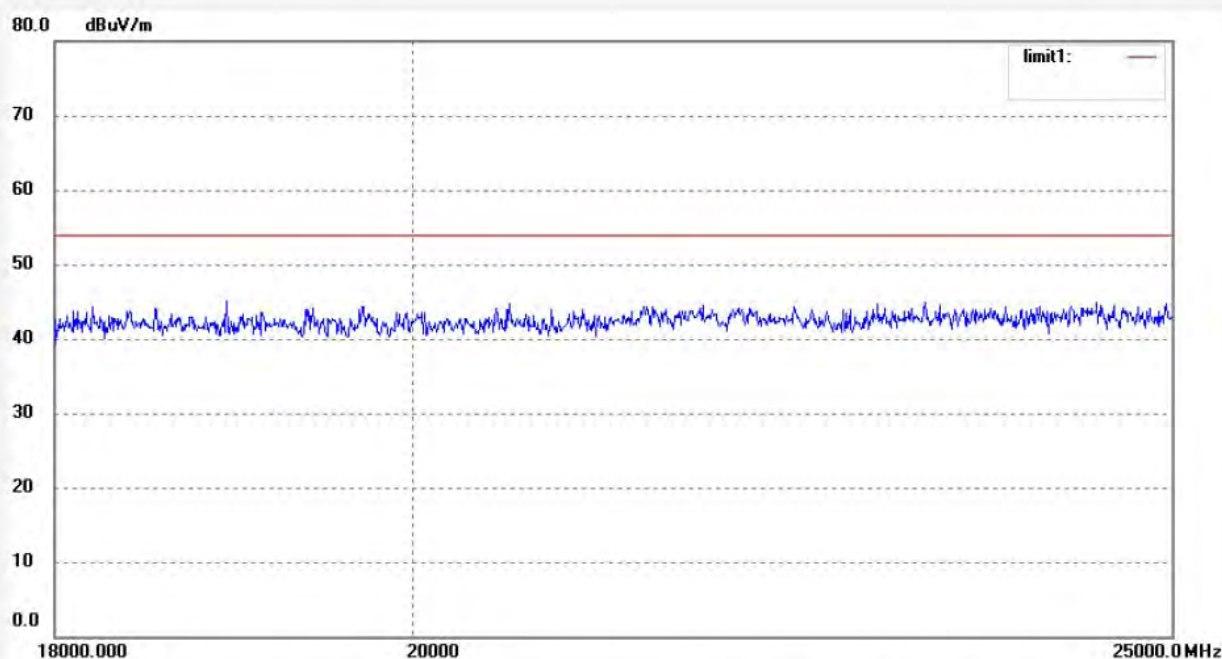
Date: 13/07/23/

Time: 12/48/01

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 1# Chamber

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Job No.: star #2244

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11g)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

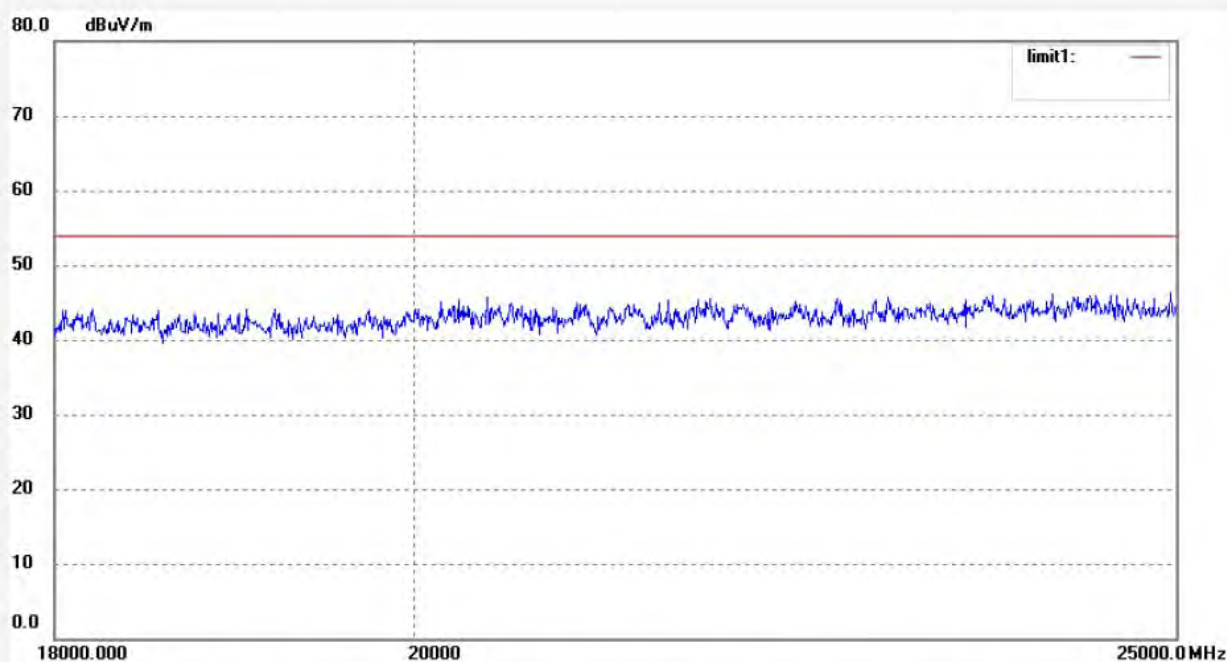
Date: 13/07/23/

Time: 12/51/50

Engineer Signature: STAR

Distance: 3m

Note: Report No.: ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2197

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 1(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/15/15

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	64.84	-19.80	45.04	46.50	-1.46	QP			
2	360.4476	60.42	-15.92	44.50	46.50	-2.00	QP			
3	601.4265	55.95	-11.65	44.30	46.50	-2.20	QP			



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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: star #2198

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 1(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

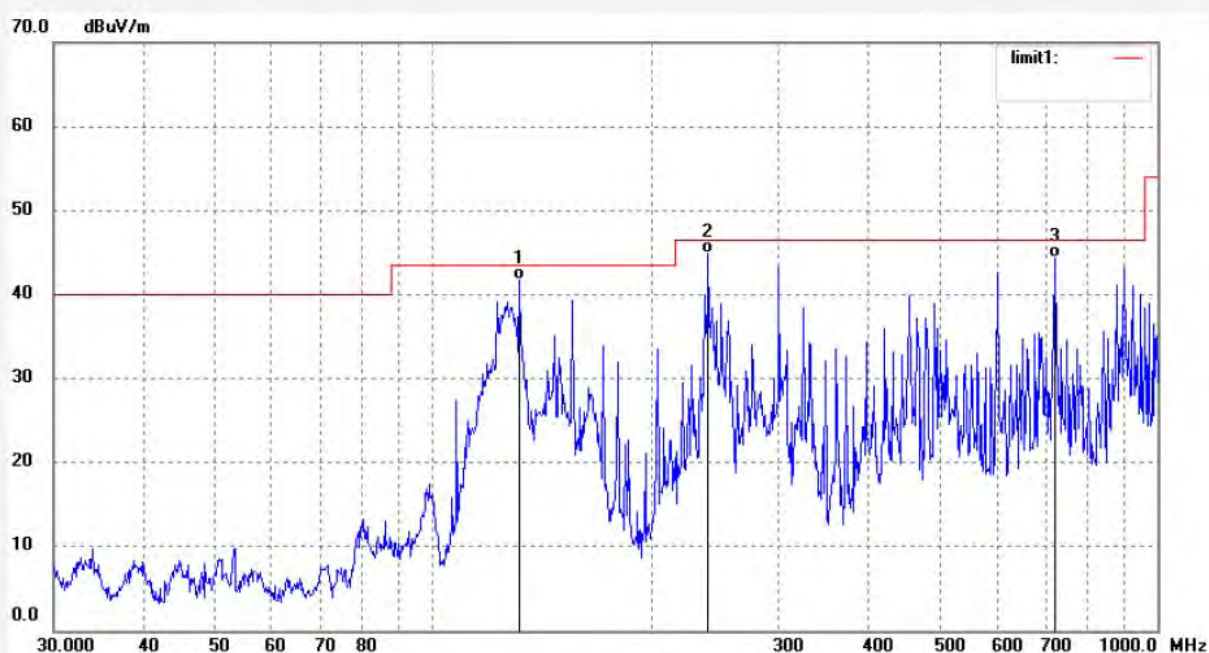
Date: 13/07/23/

Time: 10/18/01

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	64.82	-23.12	41.70	43.50	-1.80	QP			
2	239.9874	64.77	-19.80	44.97	46.50	-1.53	QP			
3	721.7259	53.64	-9.28	44.36	46.50	-2.14	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2221

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 1(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

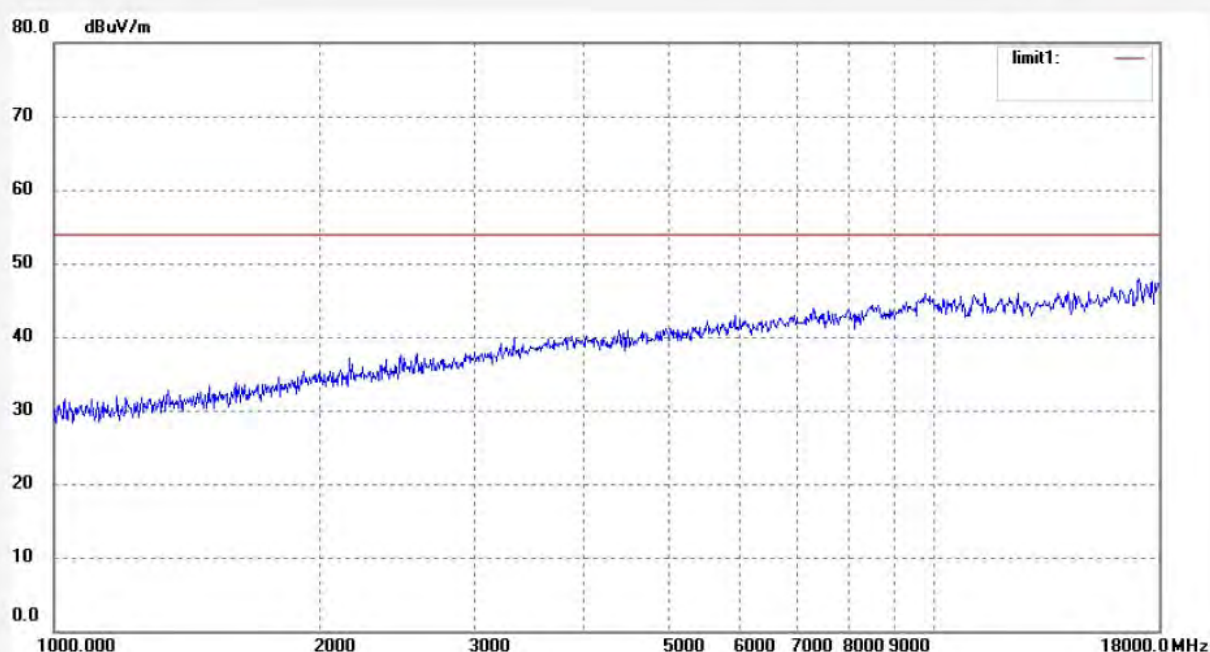
Date: 13/07/23/

Time: 11/35/44

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2222

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 1(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

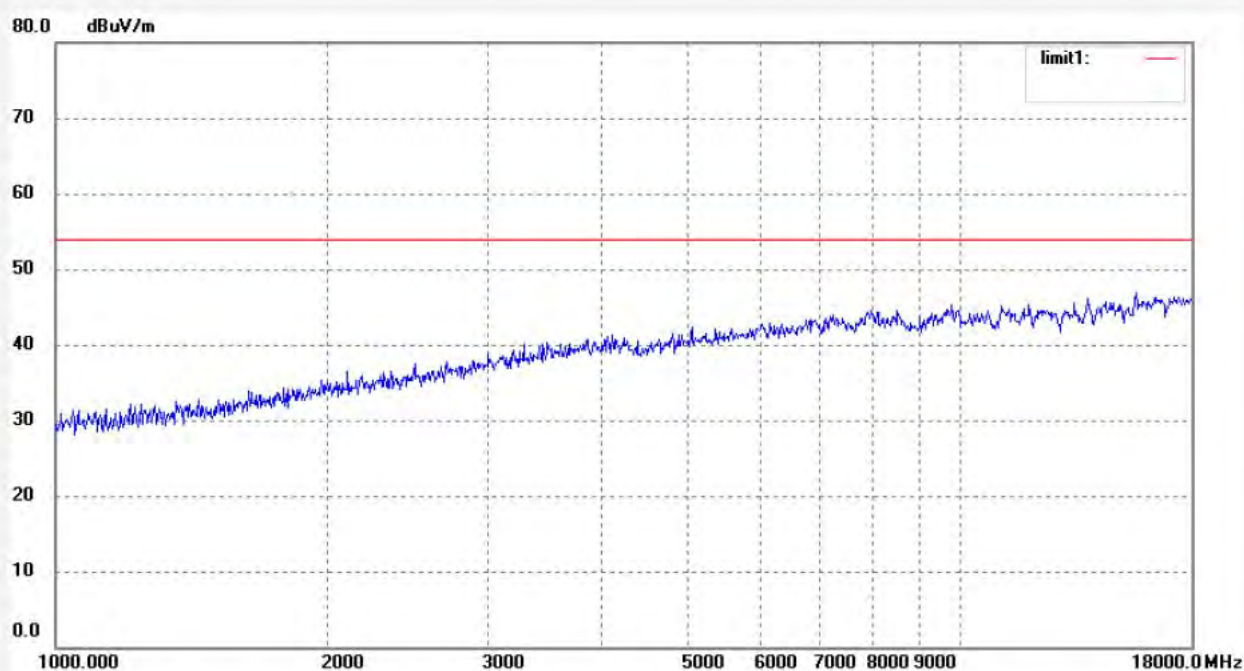
Date: 13/07/23/

Time: 11/37/20

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2245

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 1(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

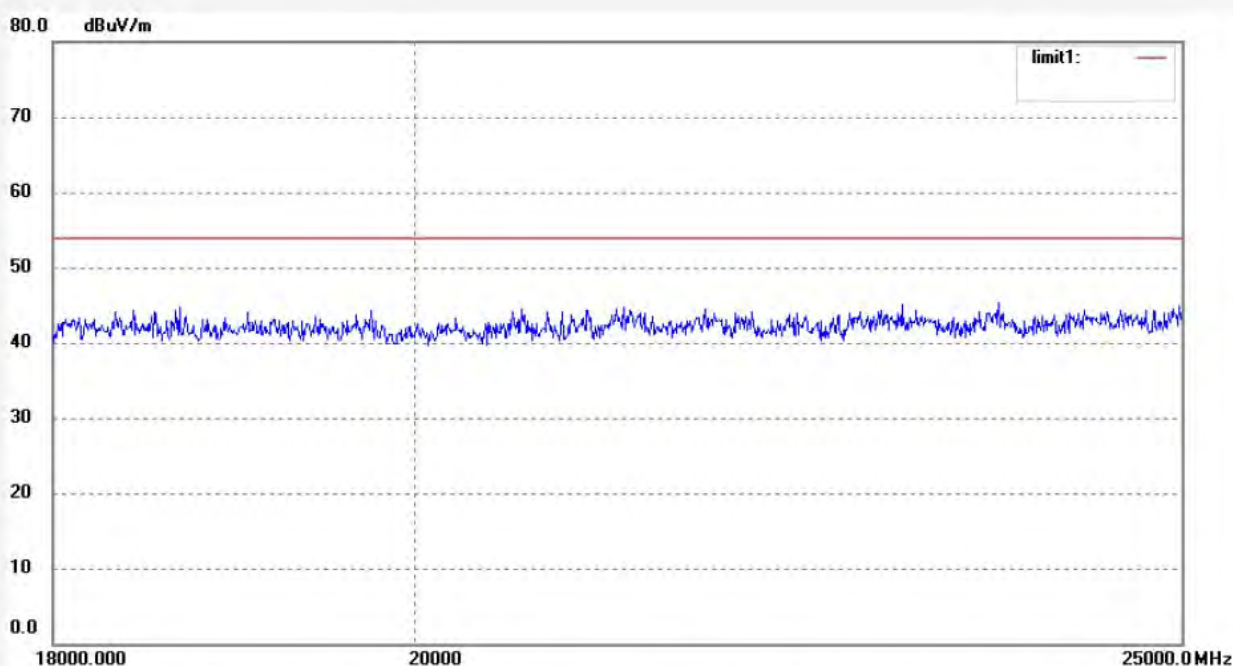
Date: 13/07/23/

Time: 12/53/22

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2246

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 1(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

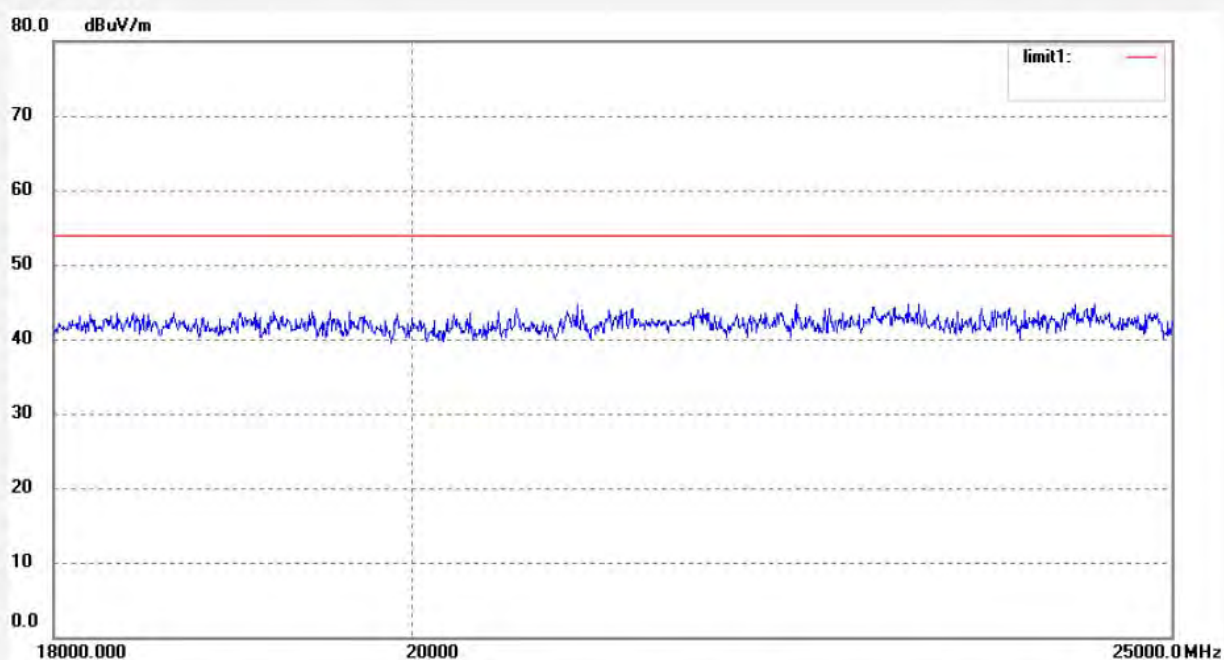
Date: 13/07/23/

Time: 12/54/26

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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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: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2199

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/19/07

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	64.60	-23.12	41.48	43.50	-2.02	QP			
2	239.9874	64.08	-19.80	44.28	46.50	-2.22	QP			
3	721.7259	53.48	-9.28	44.20	46.50	-2.30	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2200

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/23/42

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	64.68	-19.80	44.88	46.50	-1.62	QP			
2	601.4265	55.92	-11.65	44.27	46.50	-2.23	QP			
3	721.7259	53.21	-9.28	43.93	46.50	-2.57	QP			



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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: star #2223

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

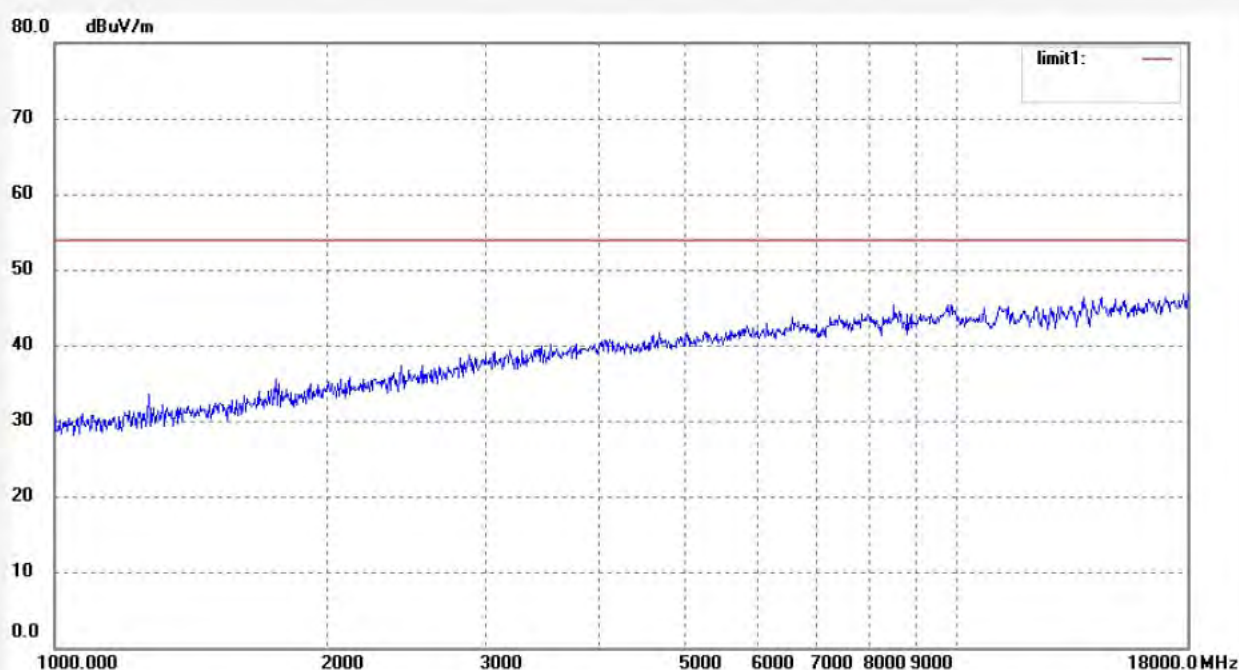
Date: 13/07/23/

Time: 11/39/54

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2224

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

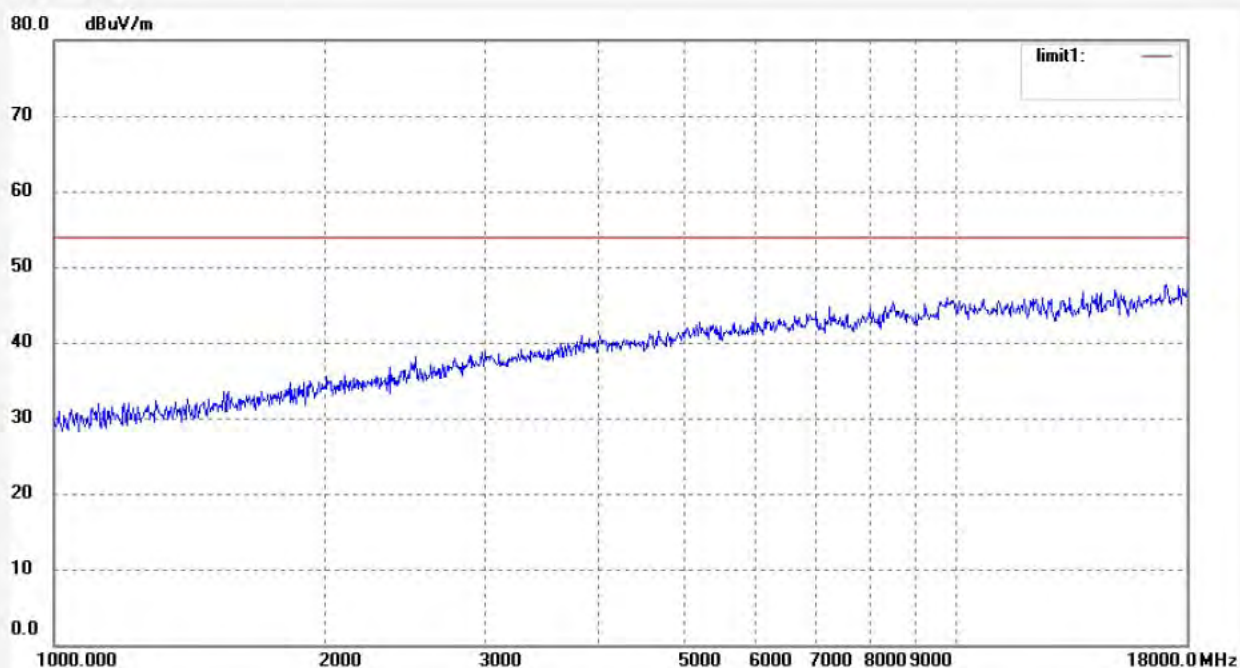
Date: 13/07/23/

Time: 11/42/30

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2247

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

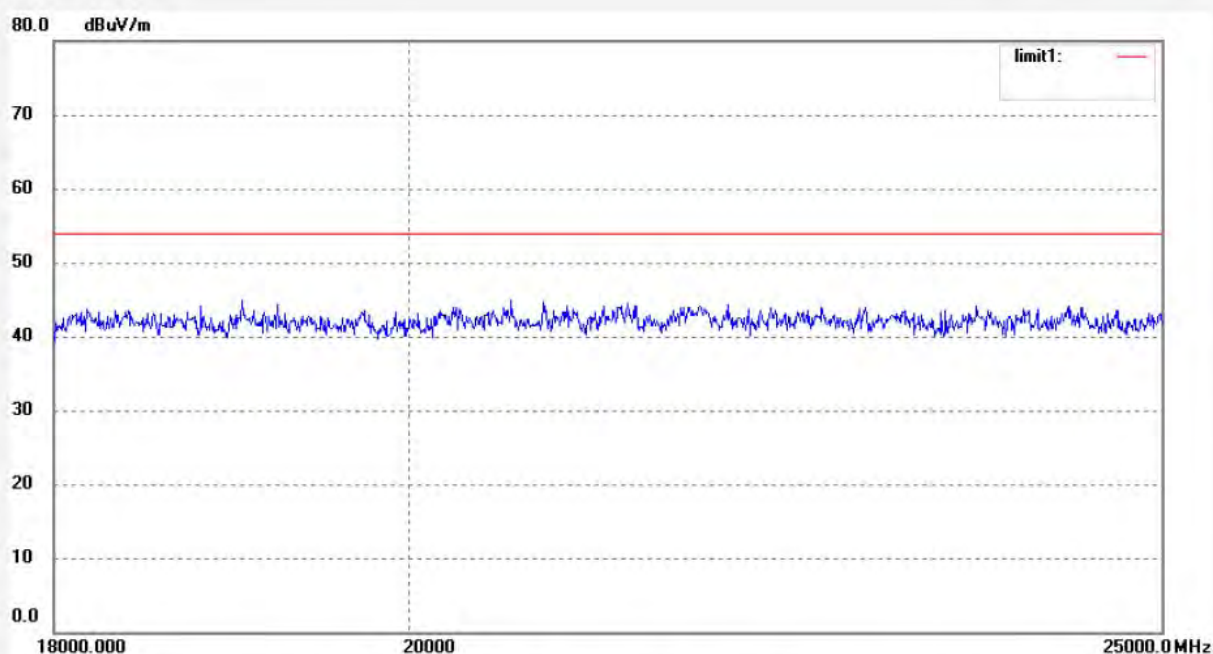
Date: 13/07/23/

Time: 12/57/33

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2248

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

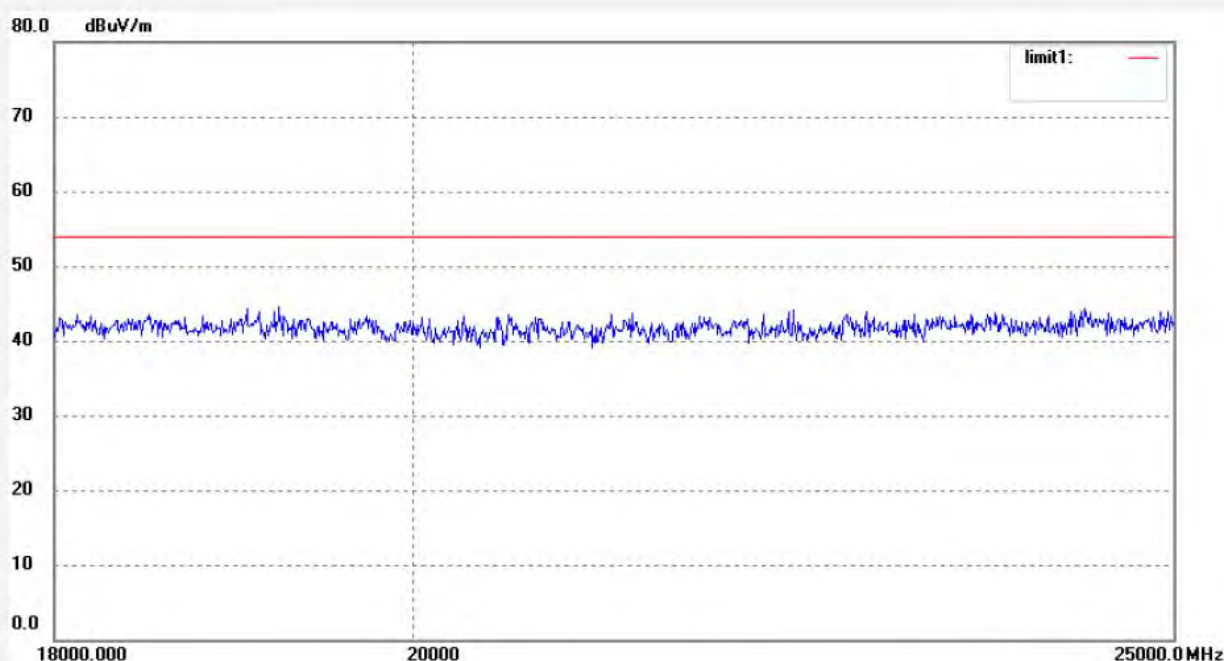
Date: 13/07/23/

Time: 12/59/36

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2201

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/28/13

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	64.56	-19.80	44.76	46.50	-1.74	QP			
2	601.4265	56.74	-11.65	45.09	46.50	-1.41	QP			
3	721.7259	53.10	-9.28	43.82	46.50	-2.68	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2202

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

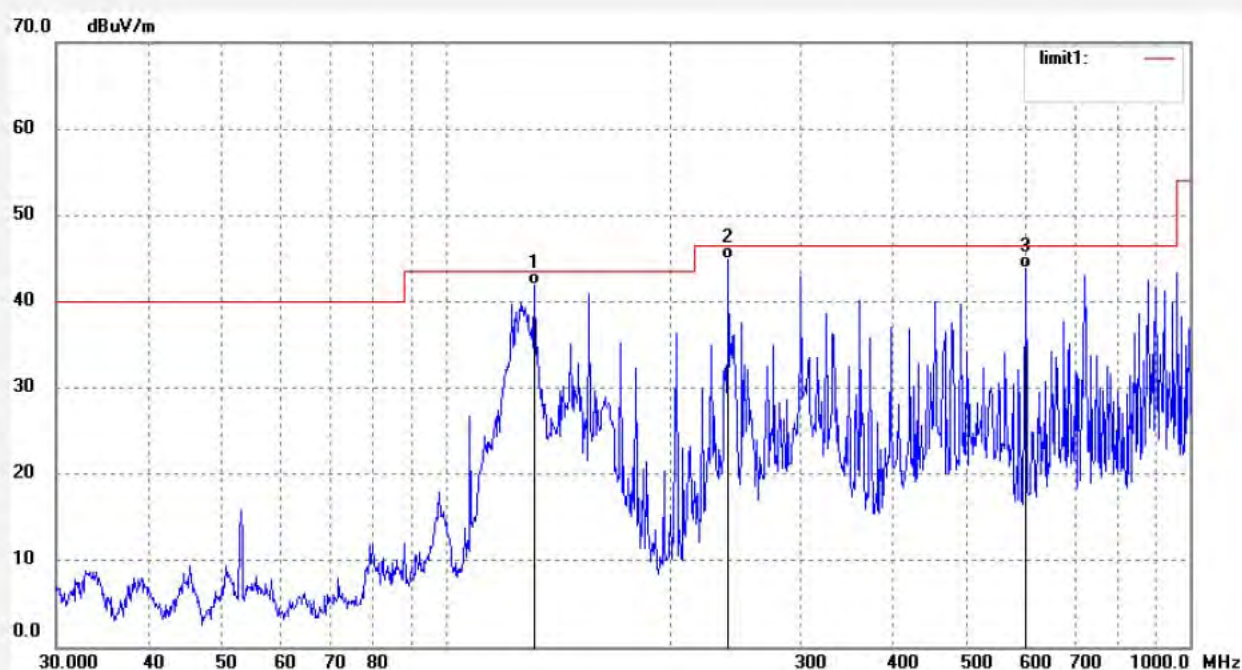
Date: 13/07/23/

Time: 10/32/48

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	65.09	-23.12	41.97	43.50	-1.53	QP			
2	239.9874	64.68	-19.80	44.88	46.50	-1.62	QP			
3	601.4265	55.53	-11.65	43.88	46.50	-2.62	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2225

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

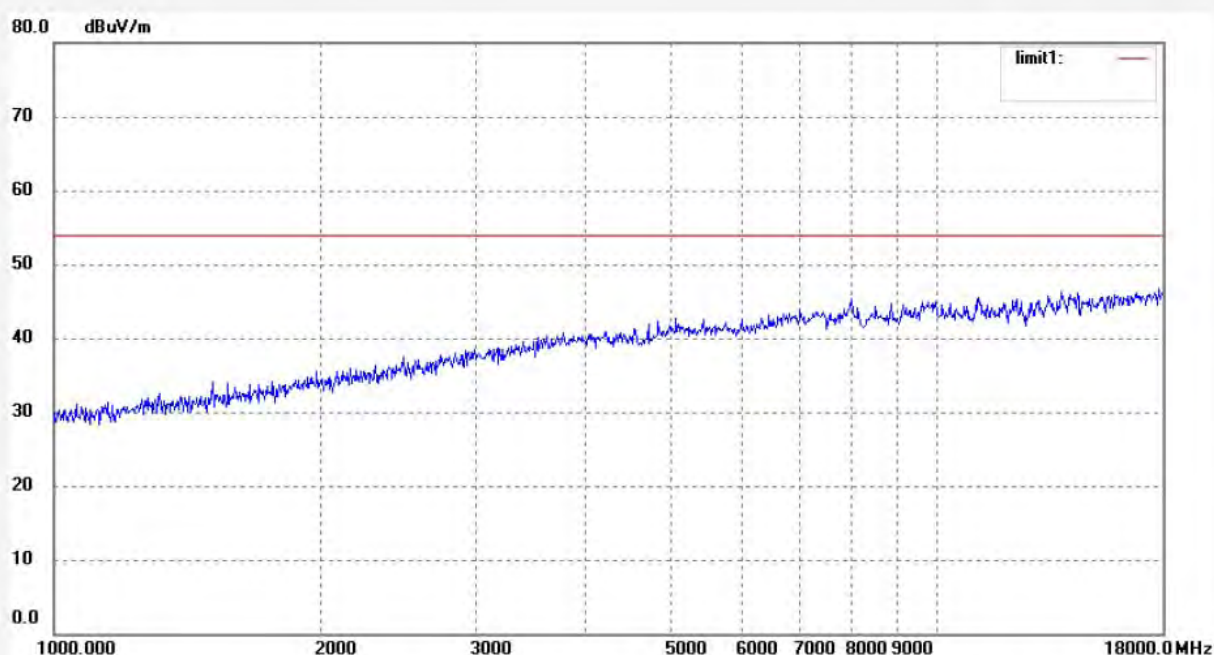
Date: 13/07/23/

Time: 11/45/05

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: star #2226

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

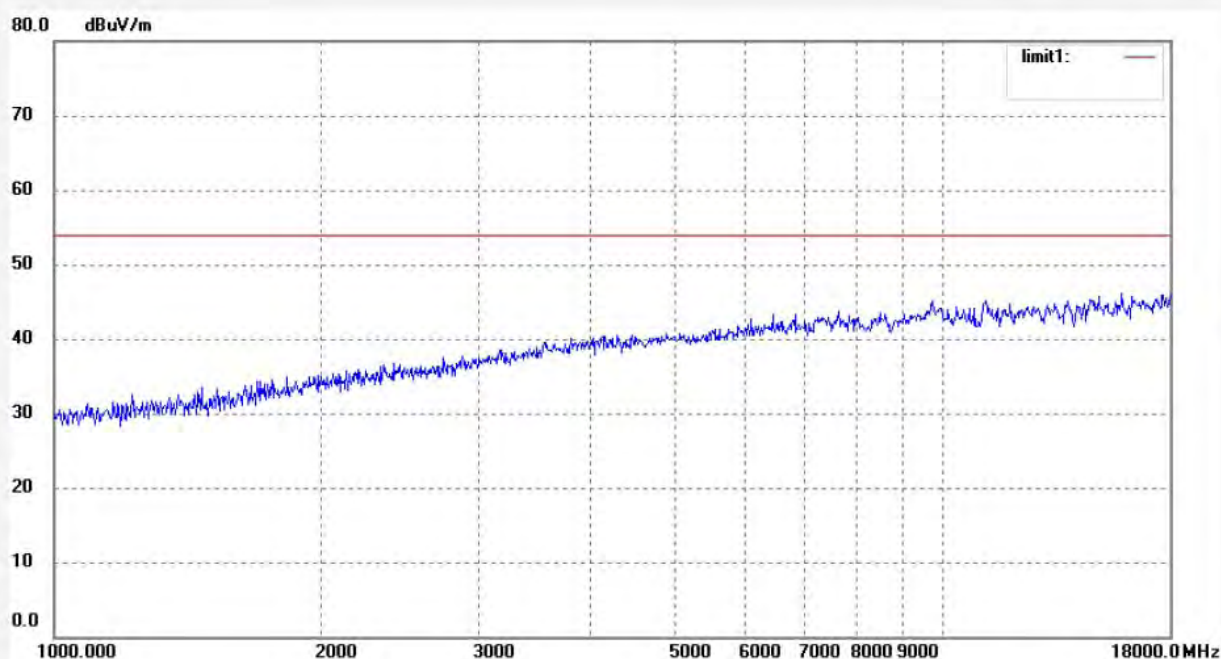
Date: 13/07/23/

Time: 11/48/46

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber
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Fax:+86-0755-26503396

Job No.: star #2249

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

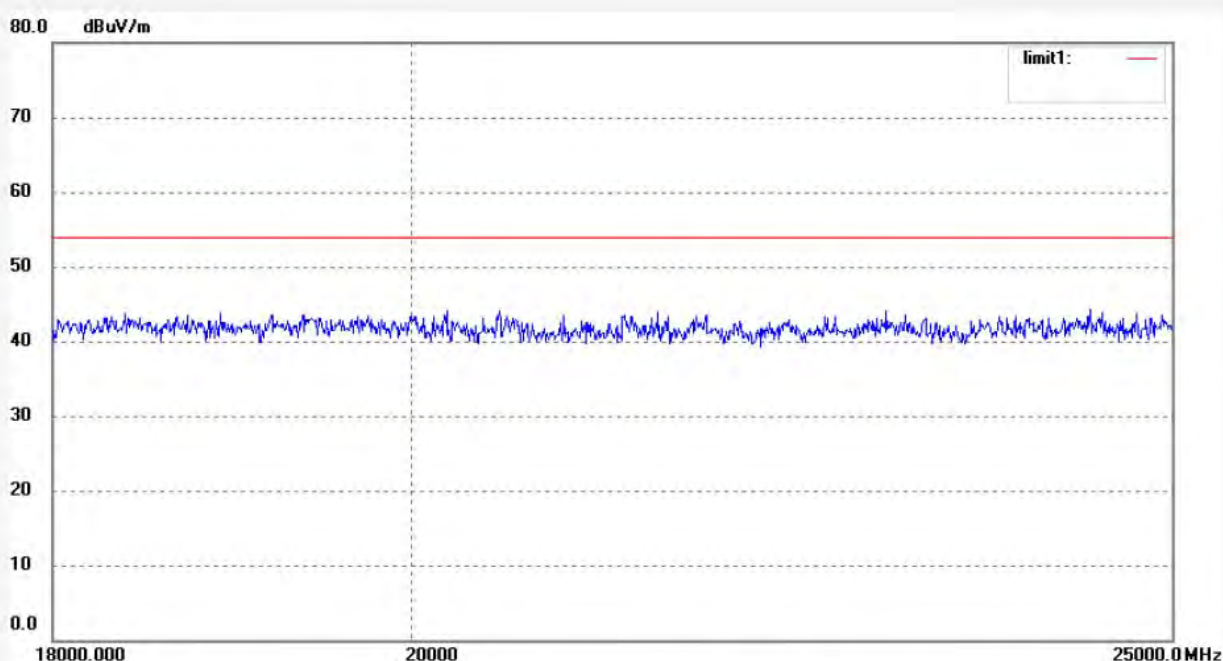
Date: 13/07/23/

Time: 13/02/41

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber
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Job No.: star #2250

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 11(802.11n)

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

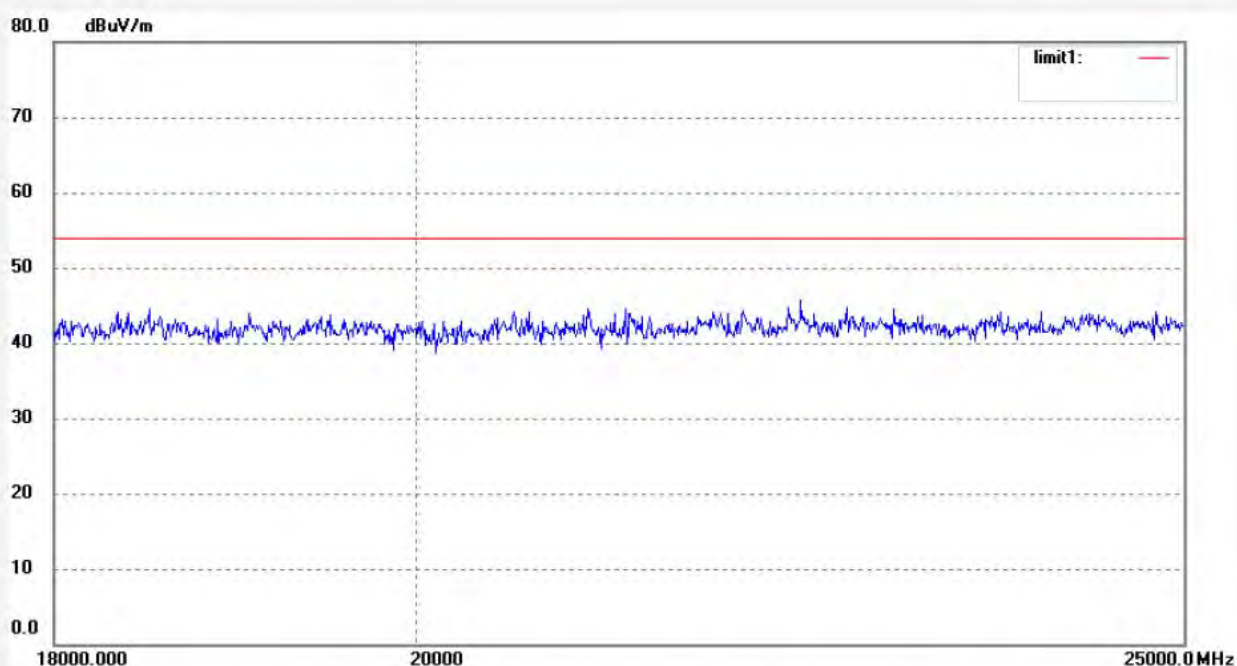
Date: 13/07/23/

Time: 13/05/44

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2203

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 3(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/35/31

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	65.00	-23.12	41.88	43.50	-1.62	QP			
2	360.4476	60.53	-15.92	44.61	46.50	-1.89	QP			
3	878.3214	50.17	-6.47	43.70	46.50	-2.80	QP			



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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: star #2204

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 3(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/38/04

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	65.15	-19.80	45.35	46.50	-1.15	QP			
2	601.4265	56.36	-11.65	44.71	46.50	-1.79	QP			
3	721.7259	53.03	-9.28	43.75	46.50	-2.75	QP			


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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: star #2227

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 3(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

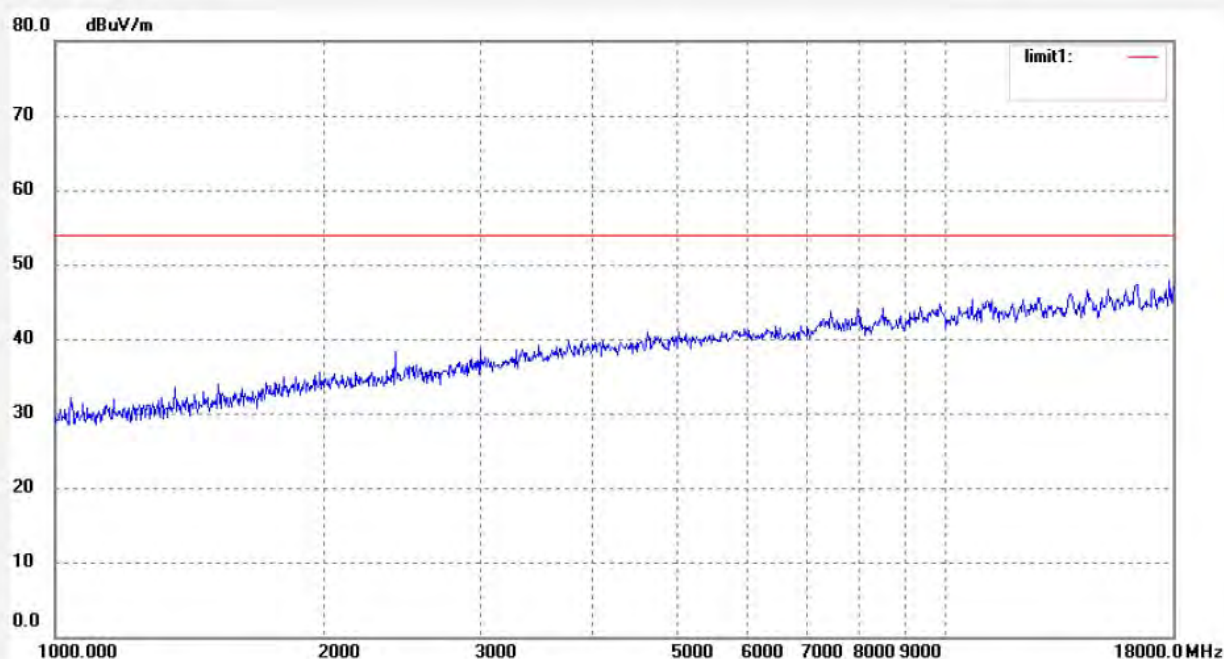
Date: 13/07/23/

Time: 11/51/26

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: star #2228

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 3(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

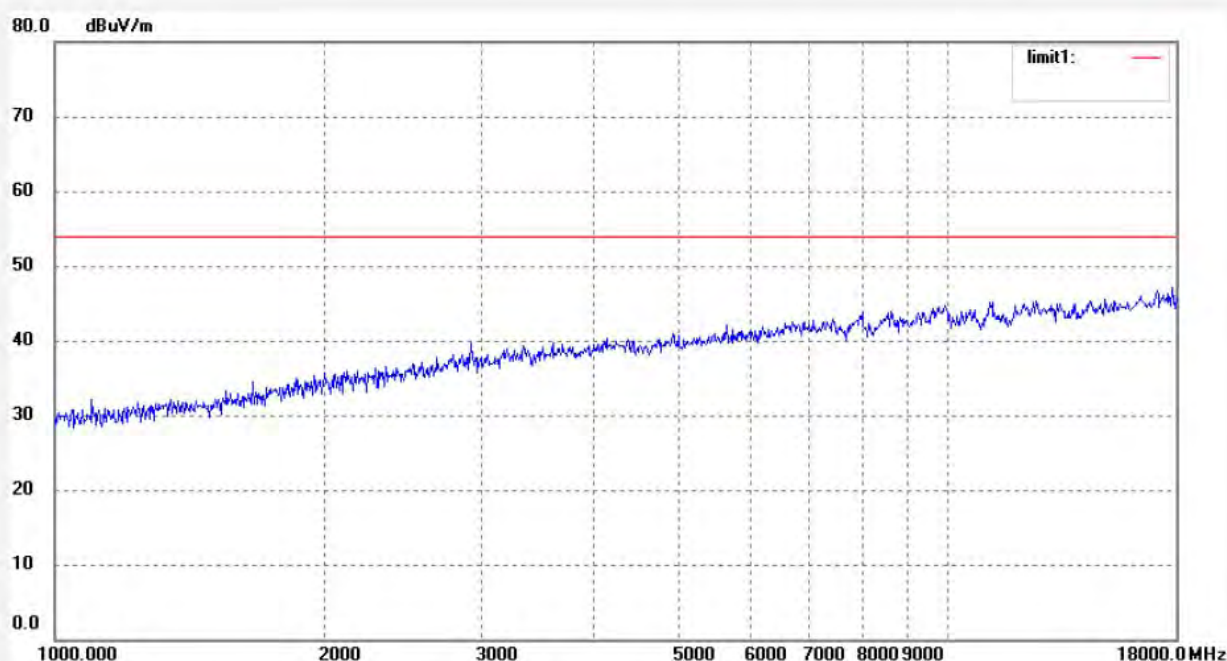
Date: 13/07/23/

Time: 11/54/10

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Site: 1# Chamber

Tel:+86-0755-26503290

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Job No.: star #2251

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 3(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

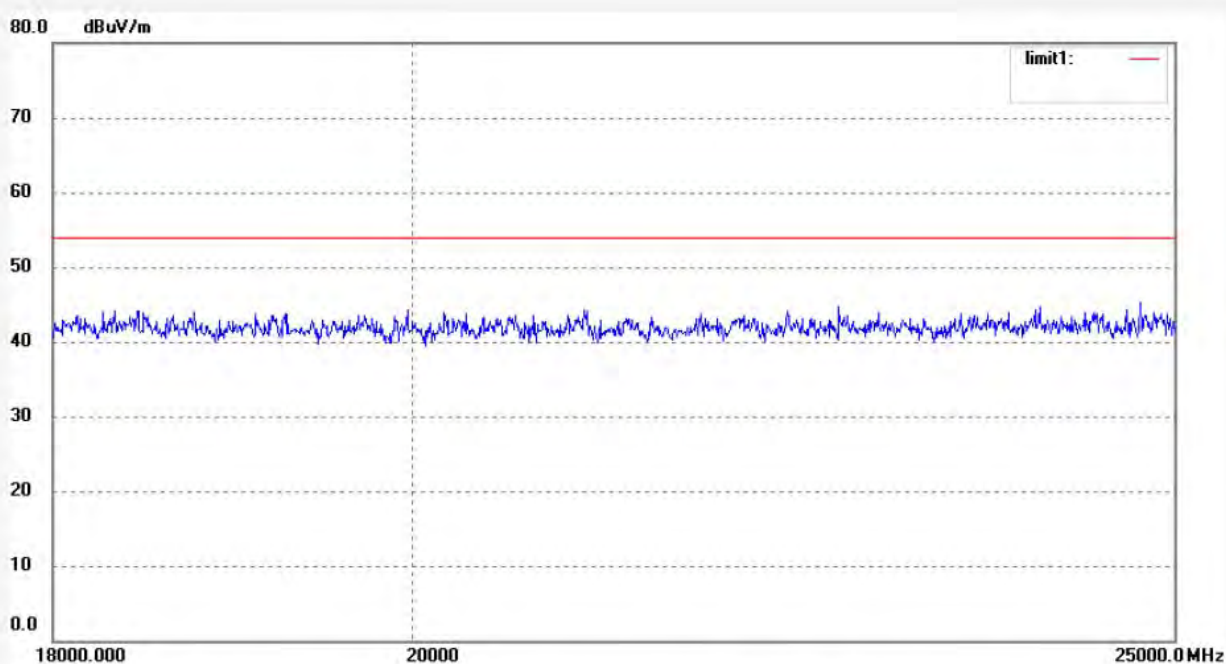
Date: 13/07/23/

Time: 13/08/02

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2252

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 3(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

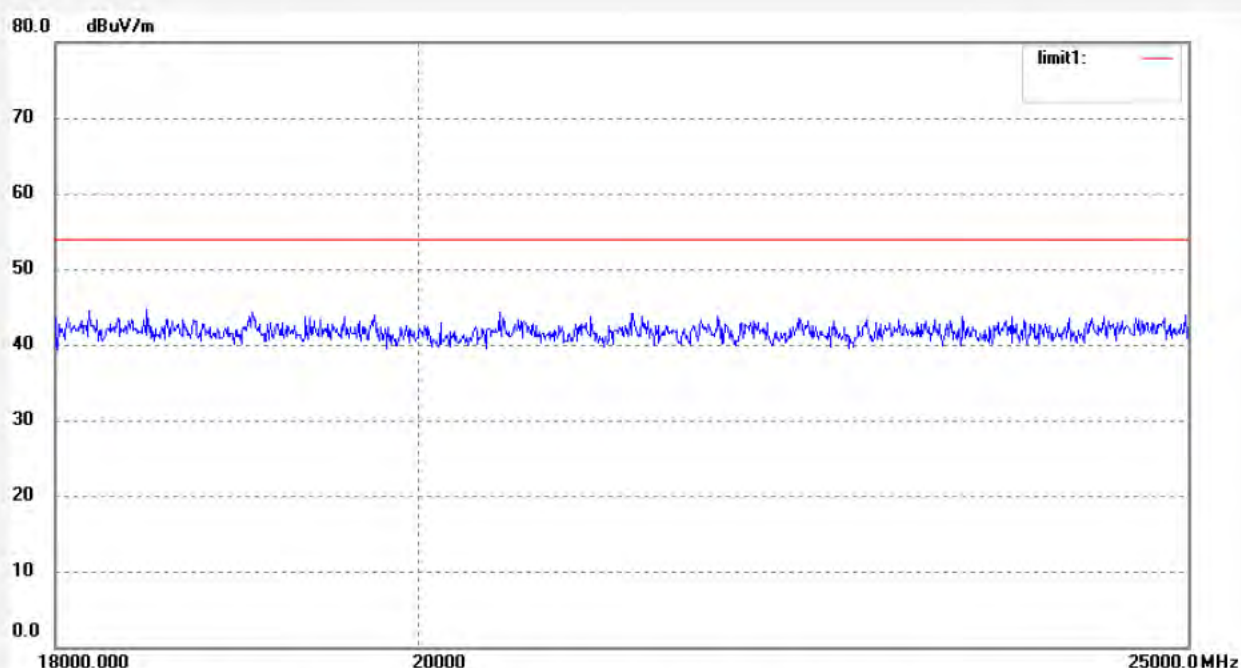
Date: 13/07/23/

Time: 13/11/05

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2205

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

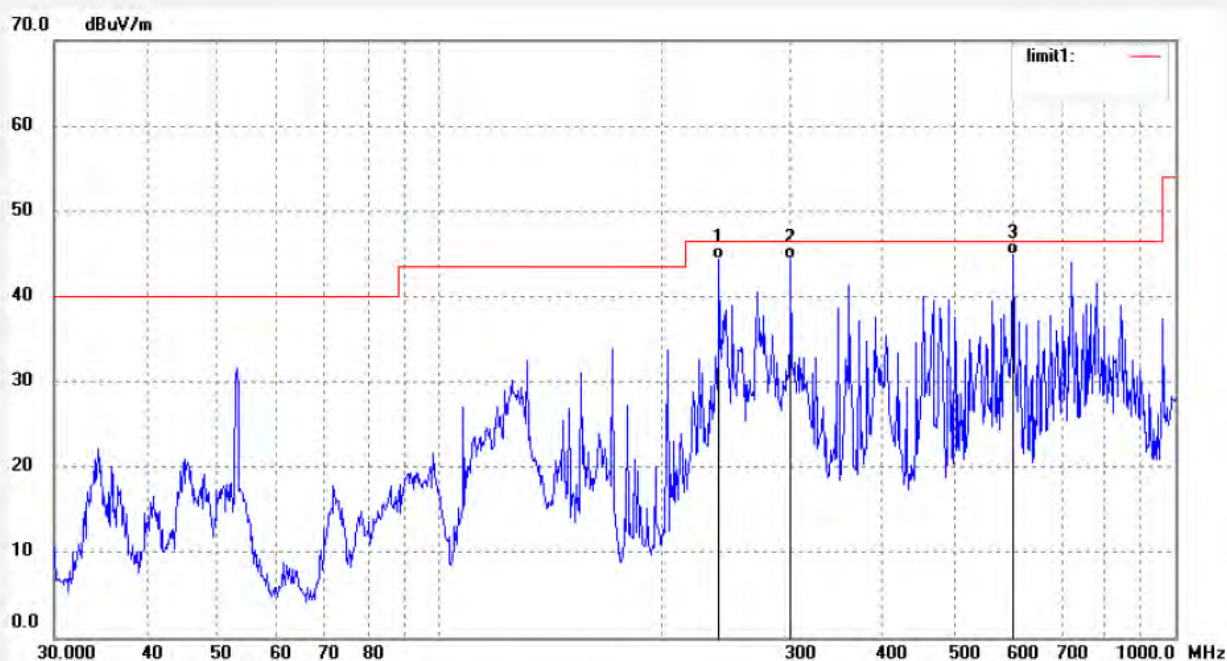
Date: 13/07/23/

Time: 10/41/52

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	64.19	-19.80	44.39	46.50	-2.11	QP			
2	300.3672	62.15	-17.86	44.29	46.50	-2.21	QP			
3	601.4265	56.52	-11.65	44.87	46.50	-1.63	QP			



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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2206

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

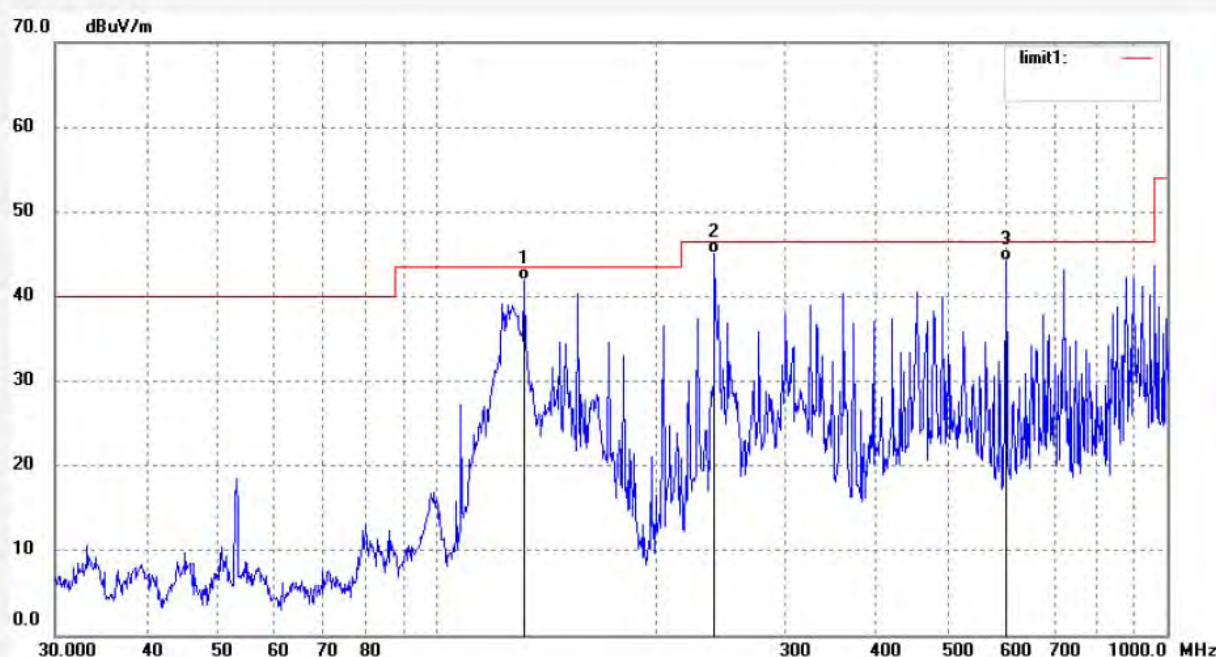
Date: 13/07/23/

Time: 10/44/59

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7577	65.09	-23.12	41.97	43.50	-1.53	QP			
2	239.9874	64.89	-19.80	45.09	46.50	-1.41	QP			
3	601.4265	55.90	-11.65	44.25	46.50	-2.25	QP			



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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2229

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

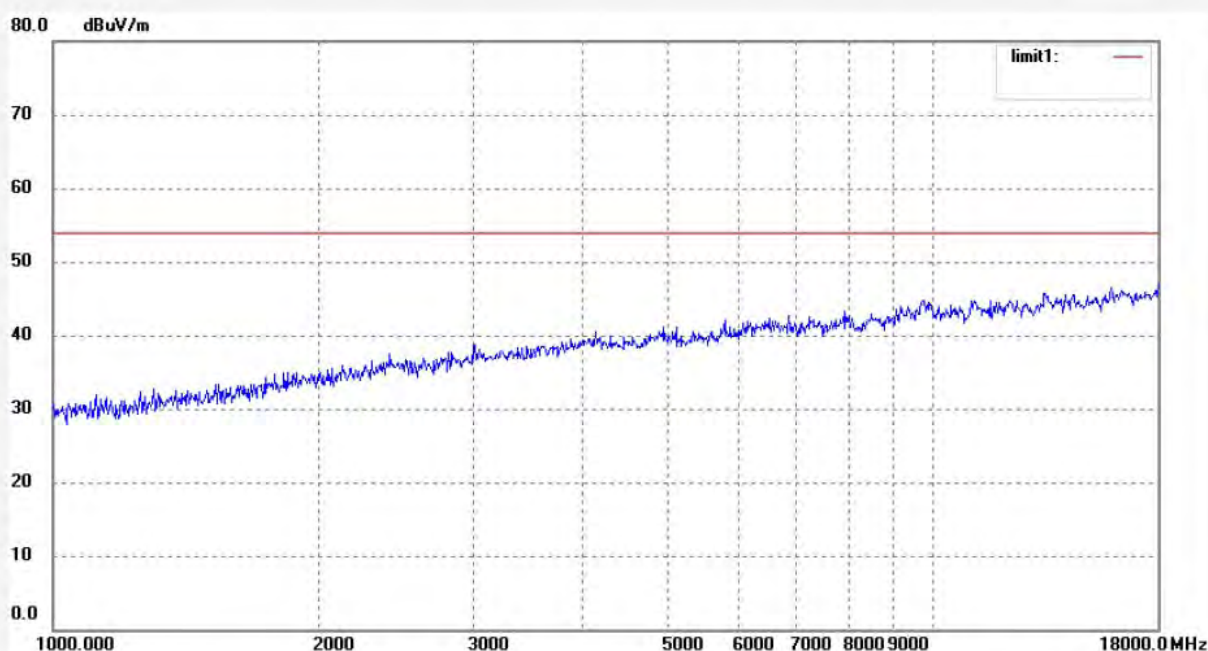
Date: 13/07/23/

Time: 11/58/52

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2230

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

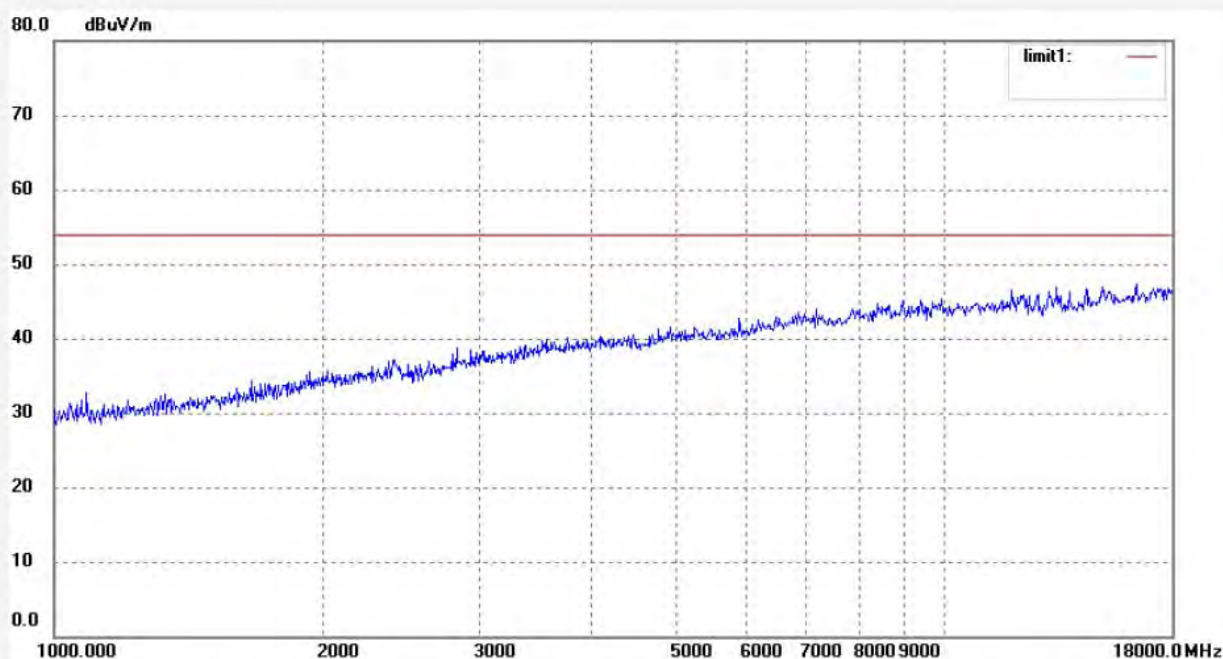
Date: 13/07/23/

Time: 12/02/44

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2253

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

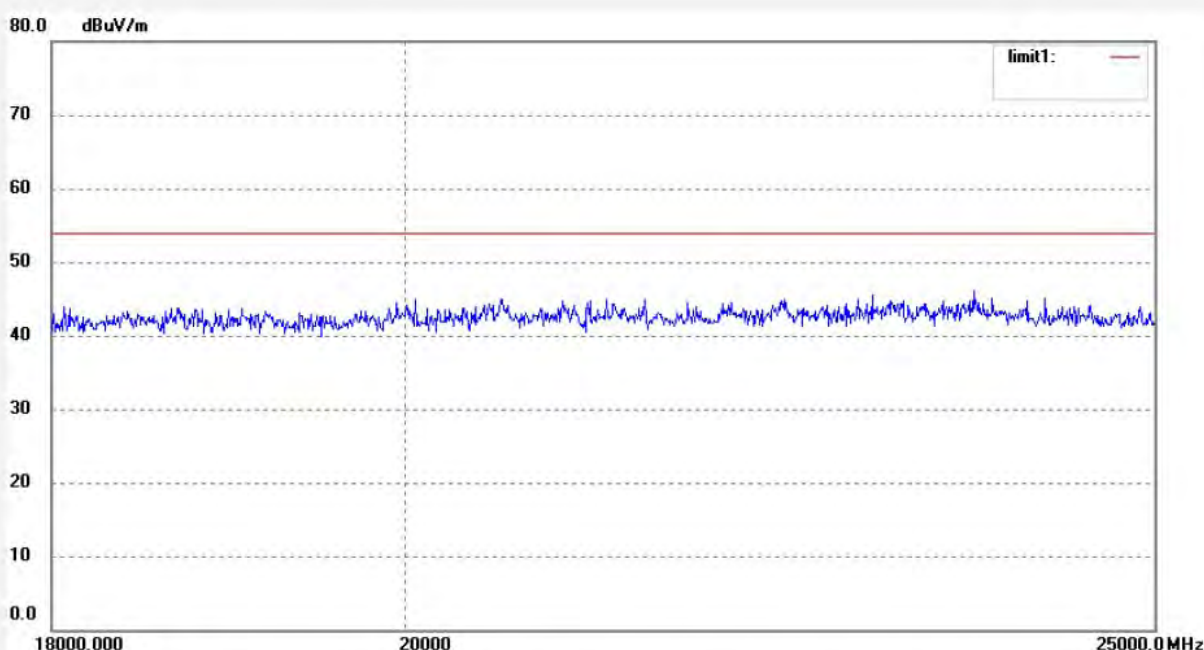
Date: 13/07/23/

Time: 13/15/11

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2254

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 6(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

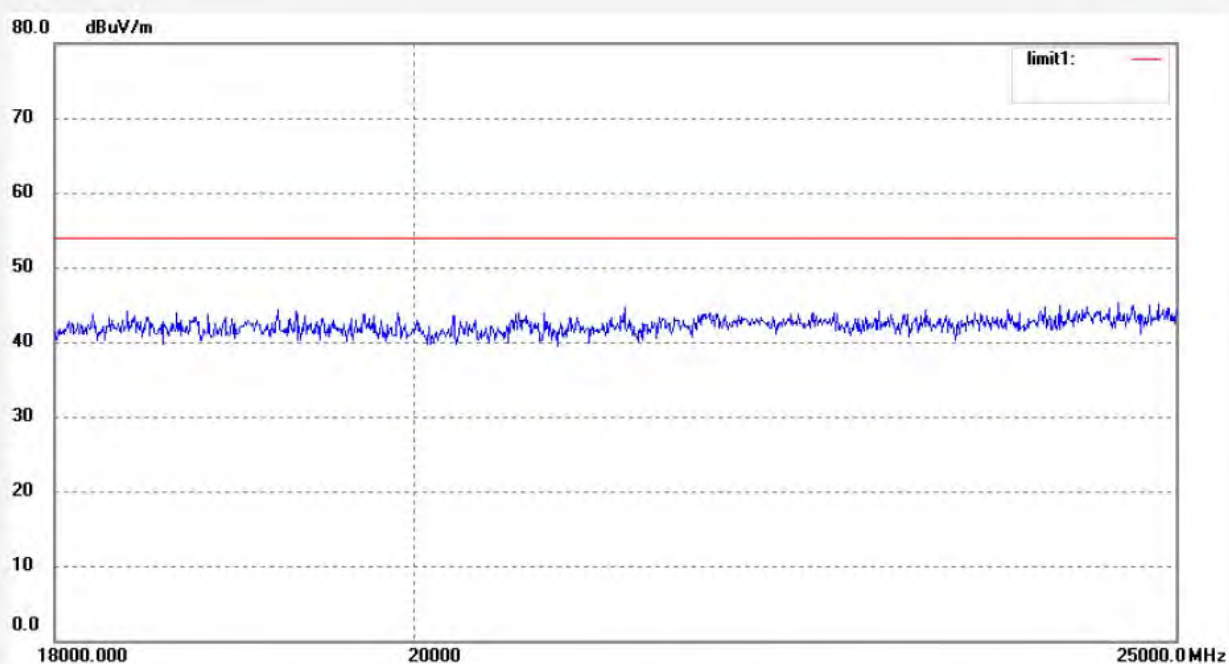
Date: 13/07/23/

Time: 13/18/13

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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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: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2207

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 9(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

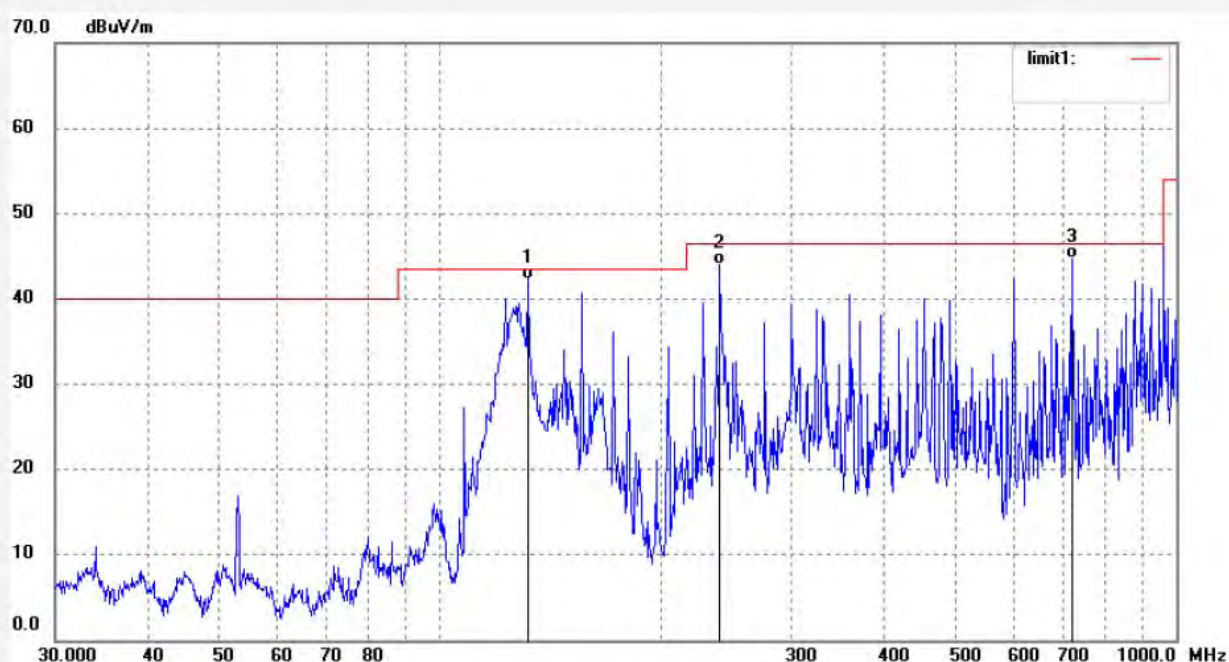
Date: 13/07/23/

Time: 10/47/34

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	131.7576	65.33	-23.12	42.21	43.50	-1.29	QP			
2	239.9874	63.83	-19.80	44.03	46.50	-2.47	QP			
3	721.7259	53.91	-9.28	44.63	46.50	-1.87	QP			



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

Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2208

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 9(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/23/

Time: 10/50/12

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	239.9874	65.03	-19.80	45.23	46.50	-1.27	QP			
2	601.4265	56.31	-11.65	44.66	46.50	-1.84	QP			
3	721.7259	53.85	-9.28	44.57	46.50	-1.93	QP			



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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2231

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 9(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

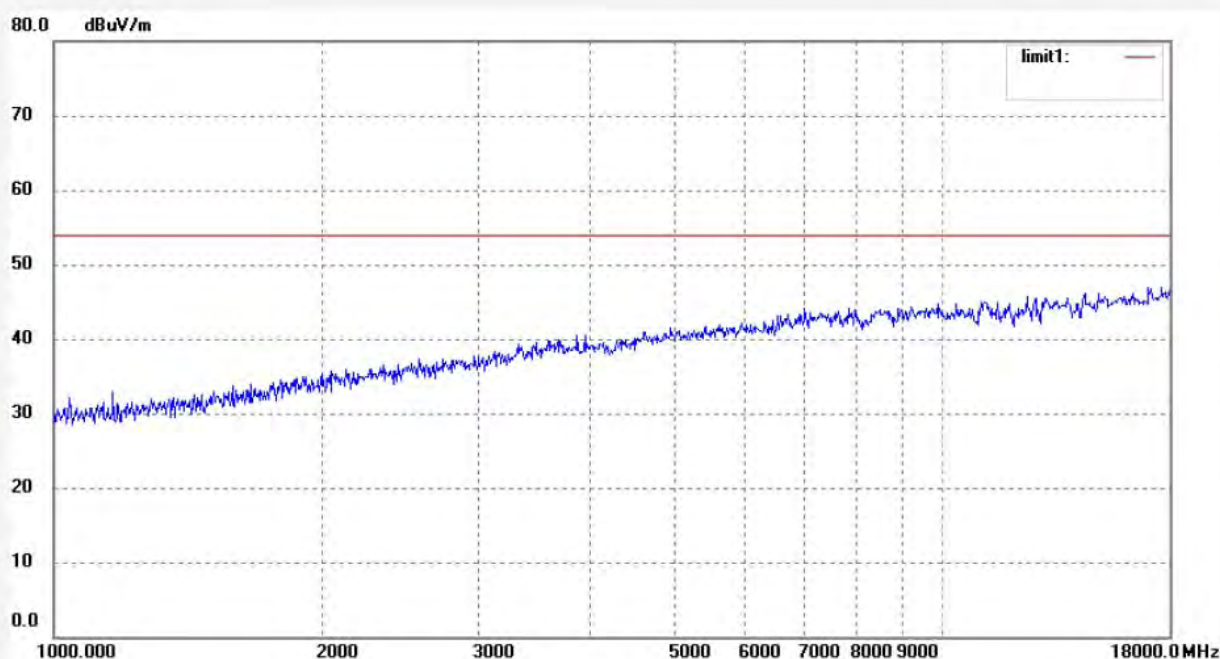
Date: 13/07/23/

Time: 12/05/34

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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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: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2232

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 9(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

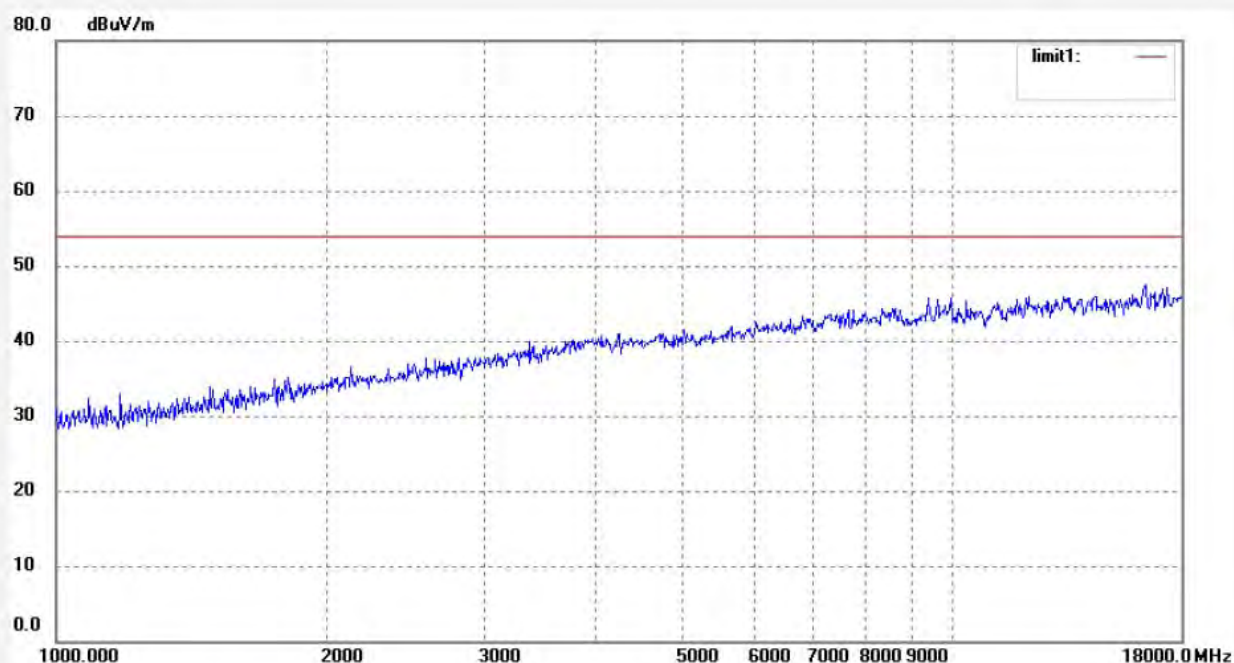
Date: 13/07/23/

Time: 12/08/13

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2255

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 9(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Horizontal

Power Source: AC 120V/60Hz

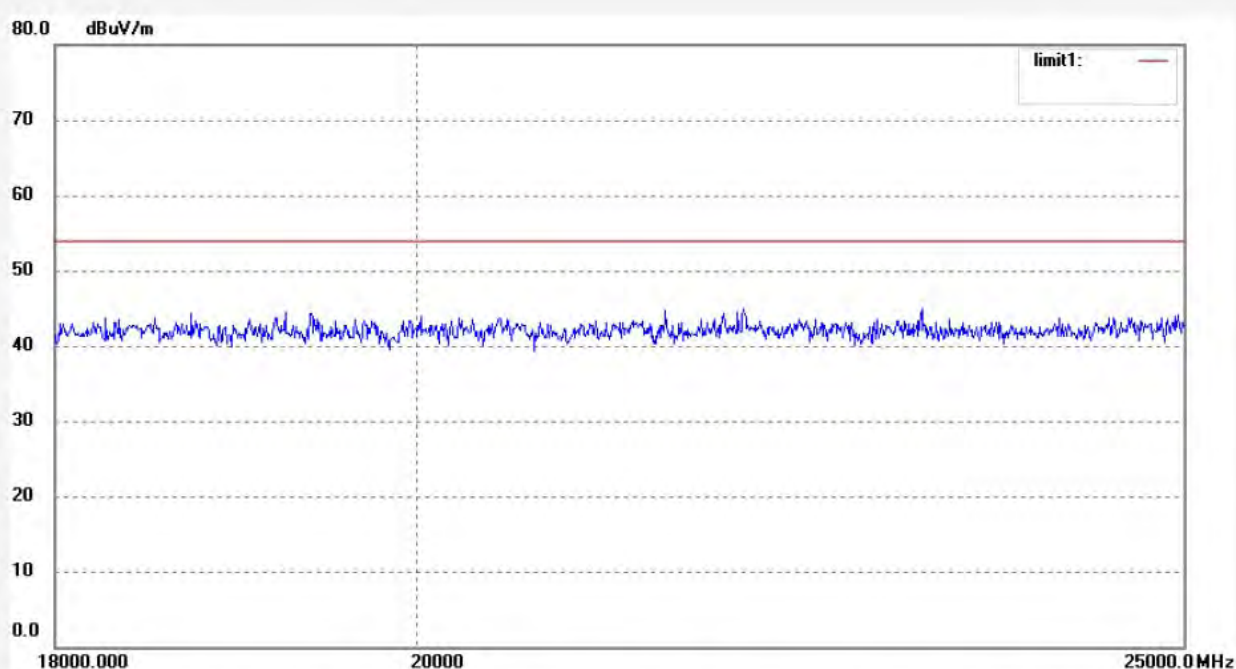
Date: 13/07/23/

Time: 13/21/22

Engineer Signature: STAR

Distance: 3m

Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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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: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star #2256

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: IP Camera

Mode: TX Channel 9(802.11n)40MHz

Model: APM-J8015-WS

Manufacturer: APEXIS

Polarization: Vertical

Power Source: AC 120V/60Hz

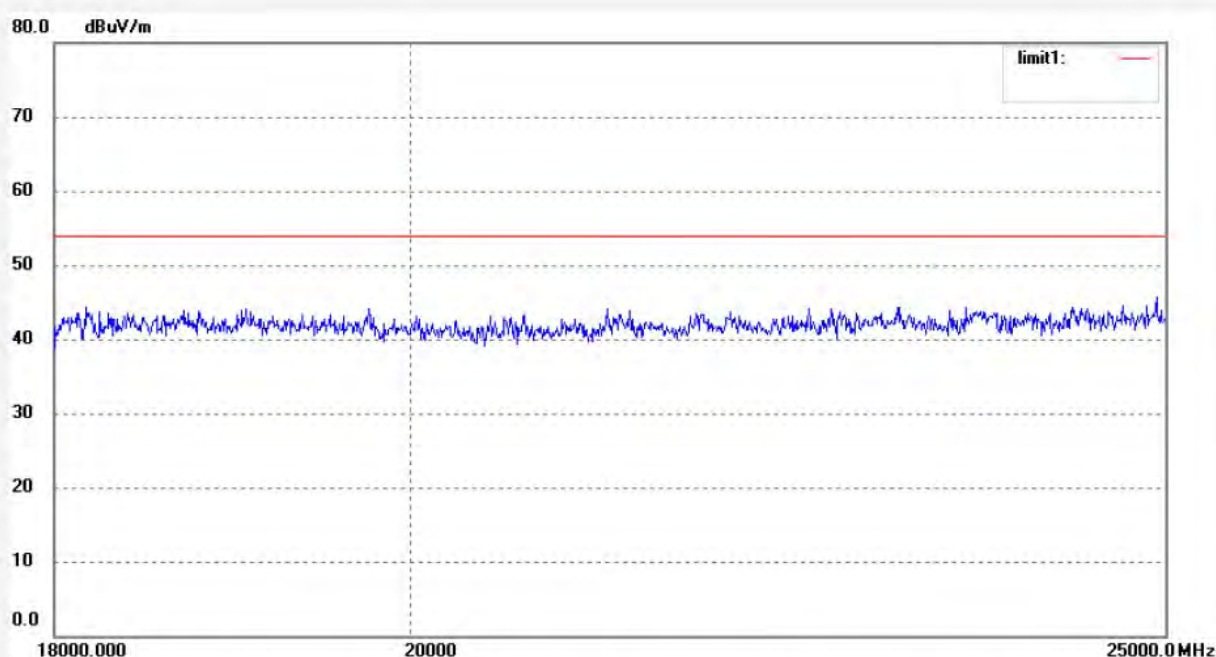
Date: 13/07/23/

Time: 13/24/26

Engineer Signature: STAR

Distance: 3m

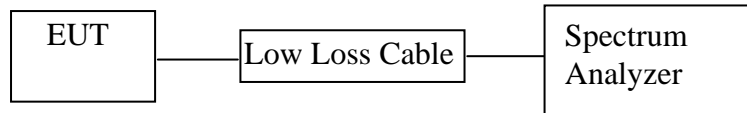
Note: Report No.:ATE20131557



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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10.CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

10.1.Block Diagram of Test Setup



(EUT: IP Camera)

10.2.The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

10.3.EUT Configuration on Measurement

The following equipment is installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

10.3.1.IP Camera (EUT)

Model Number	:	APM-J8015-WS
Serial Number	:	N/A
Manufacturer	:	SHENZHEN APEXIS ELECTRONIC CO., LTD.

10.4.Operating Condition of EUT

10.4.1.Setup the EUT and simulator as shown as Section 10.1.

10.4.2.Turn on the power of all equipment.

10.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

10.5.Test Procedure

10.5.1.The transmitter output was connected to the spectrum analyzer via a low loss cable.

10.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).

10.5.3.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).

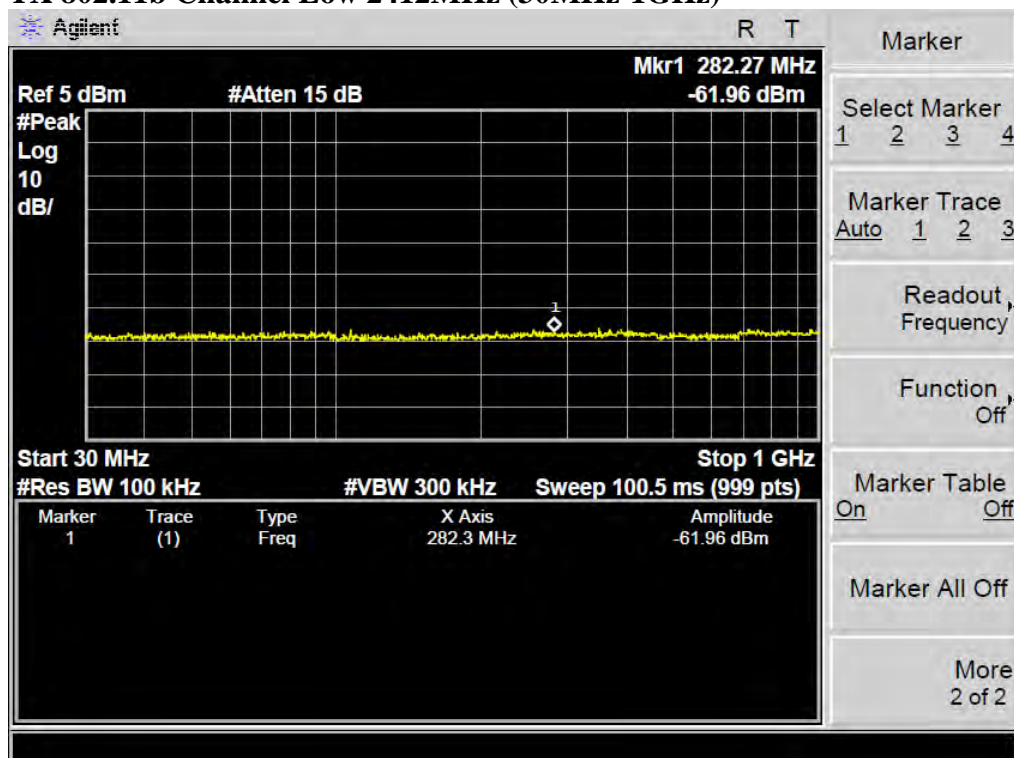
10.5.4.The Conducted Spurious Emission was measured and recorded.

10.6.Test Result

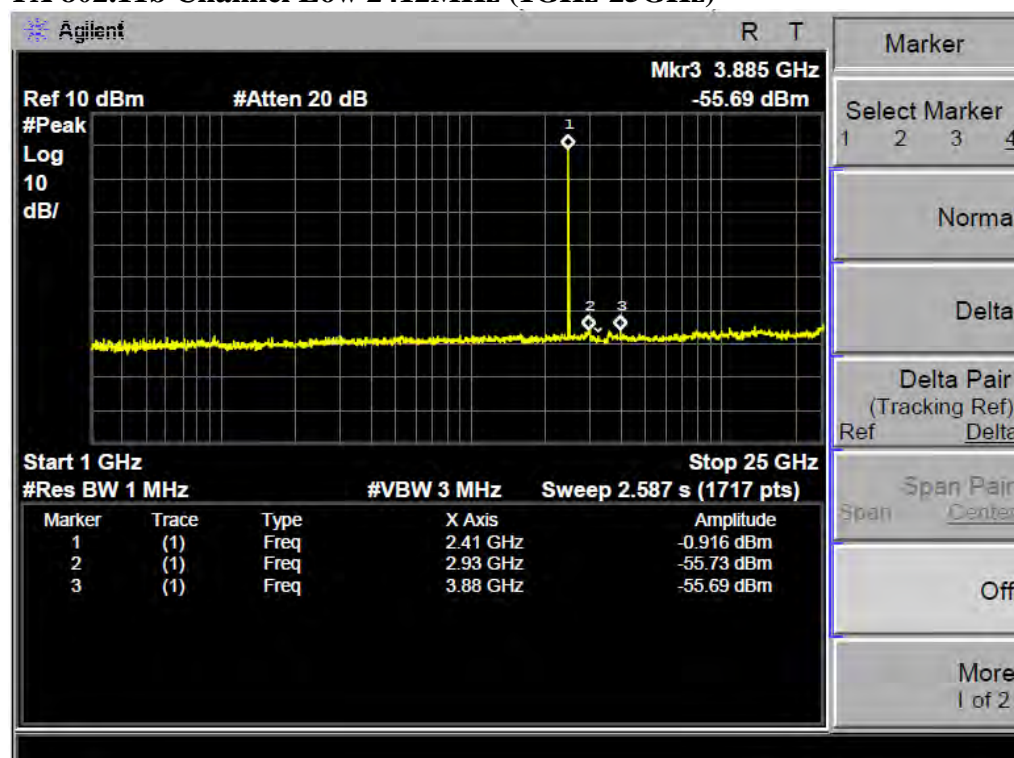
Pass.

The spectrum analyzer plots are attached as below.

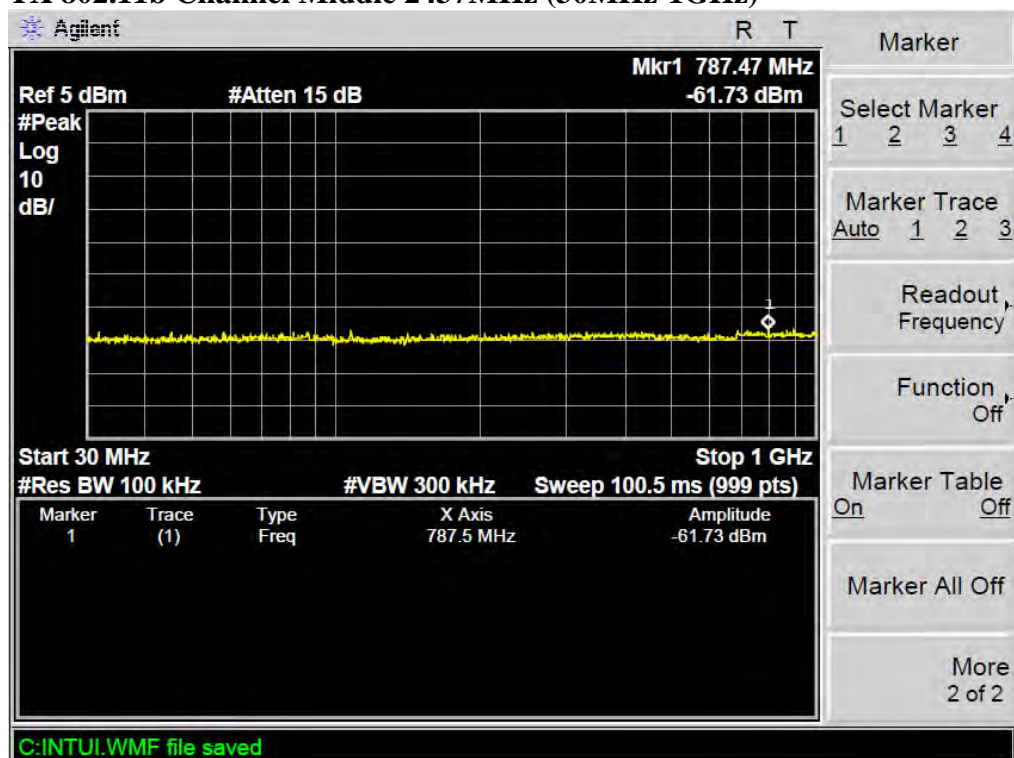
TX 802.11b Channel Low 2412MHz (30MHz-1GHz)



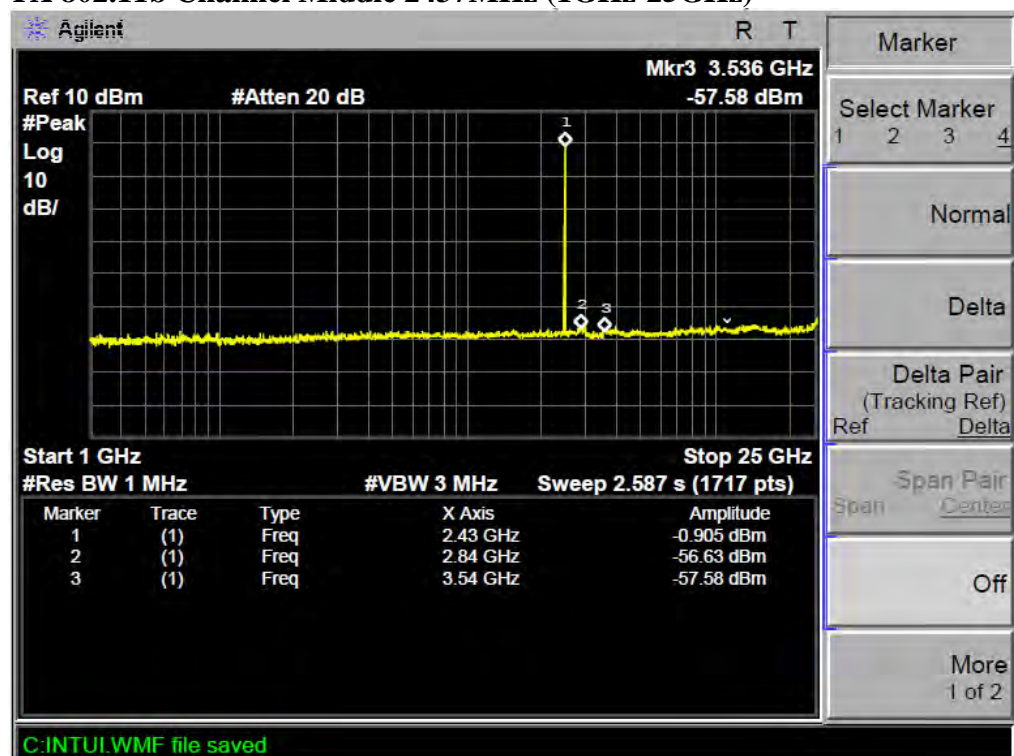
TX 802.11b Channel Low 2412MHz (1GHz-25GHz)



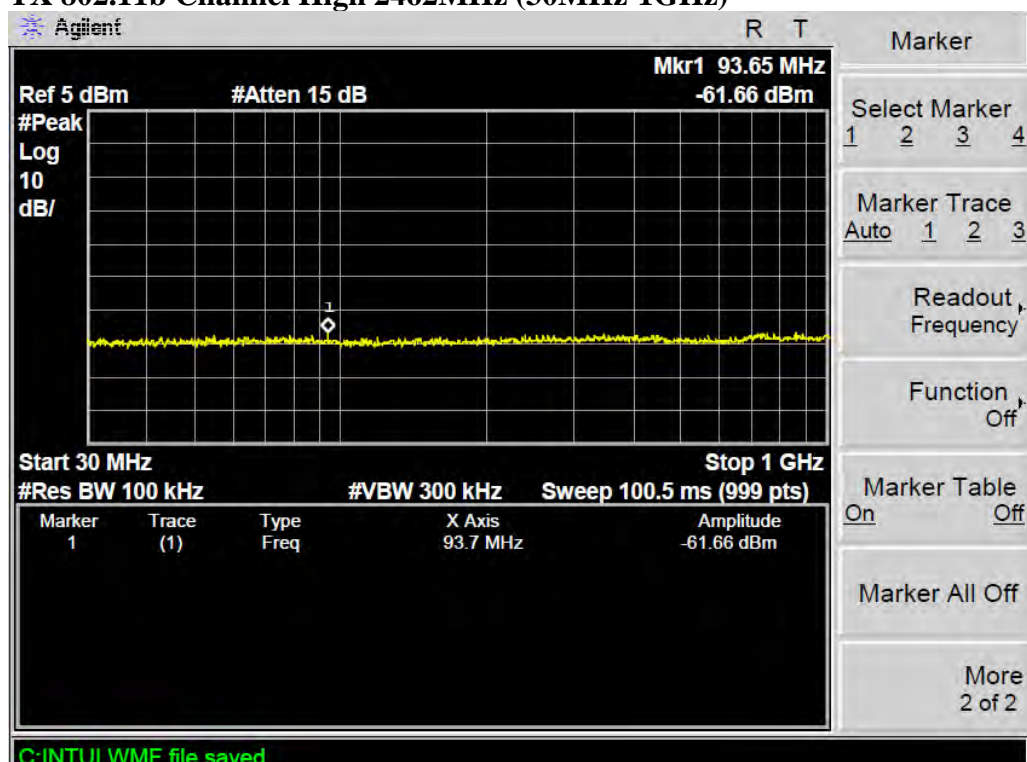
TX 802.11b Channel Middle 2437MHz (30MHz-1GHz)



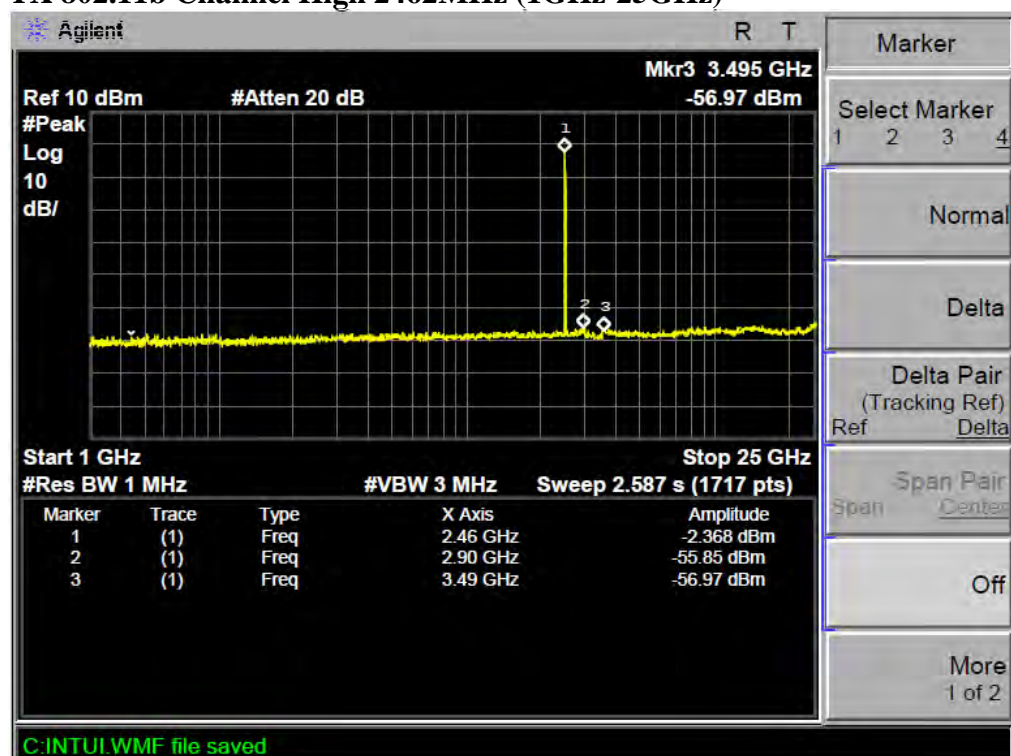
TX 802.11b Channel Middle 2437MHz (1GHz-25GHz)



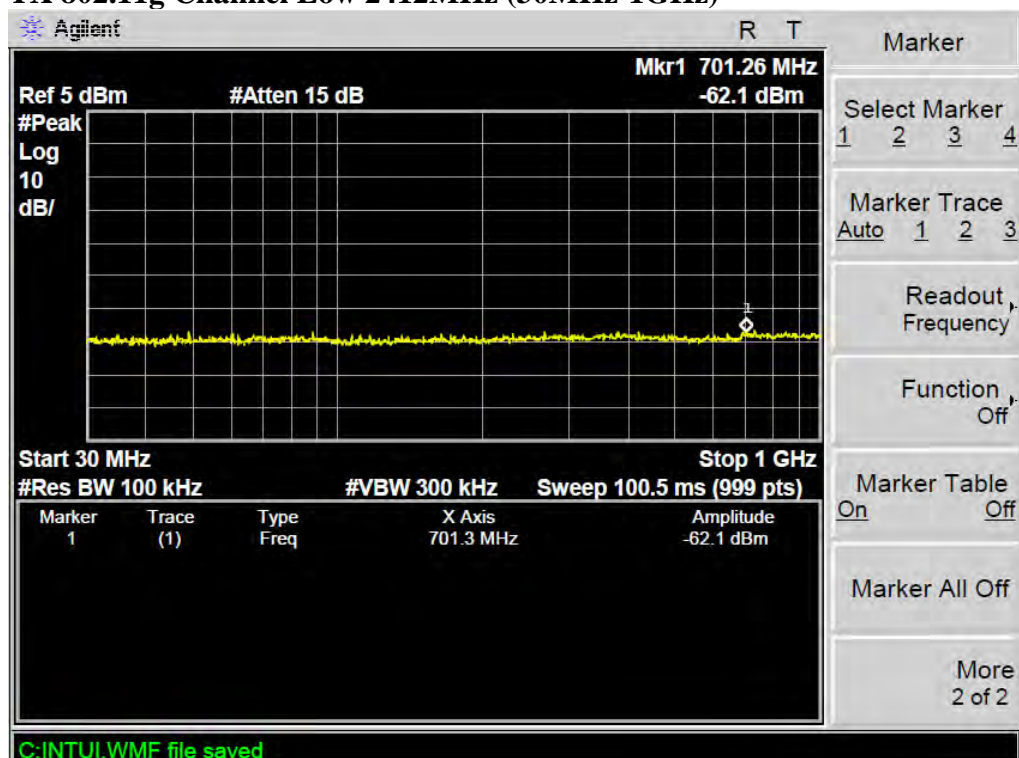
TX 802.11b Channel High 2462MHz (30MHz-1GHz)



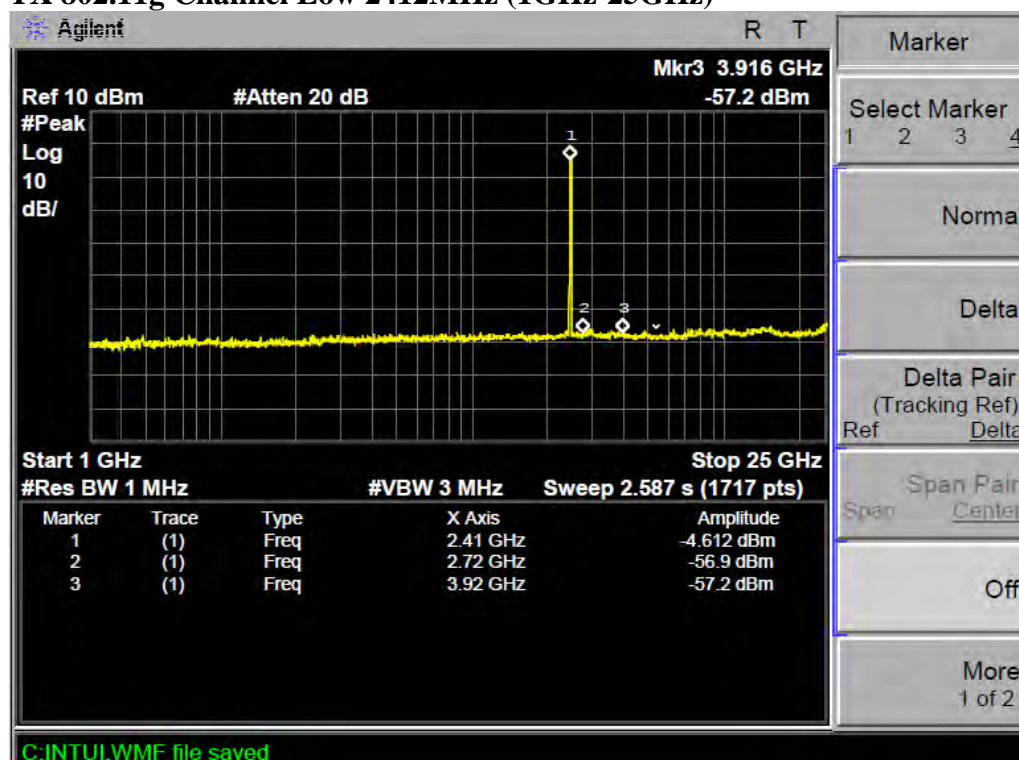
TX 802.11b Channel High 2462MHz (1GHz-25GHz)



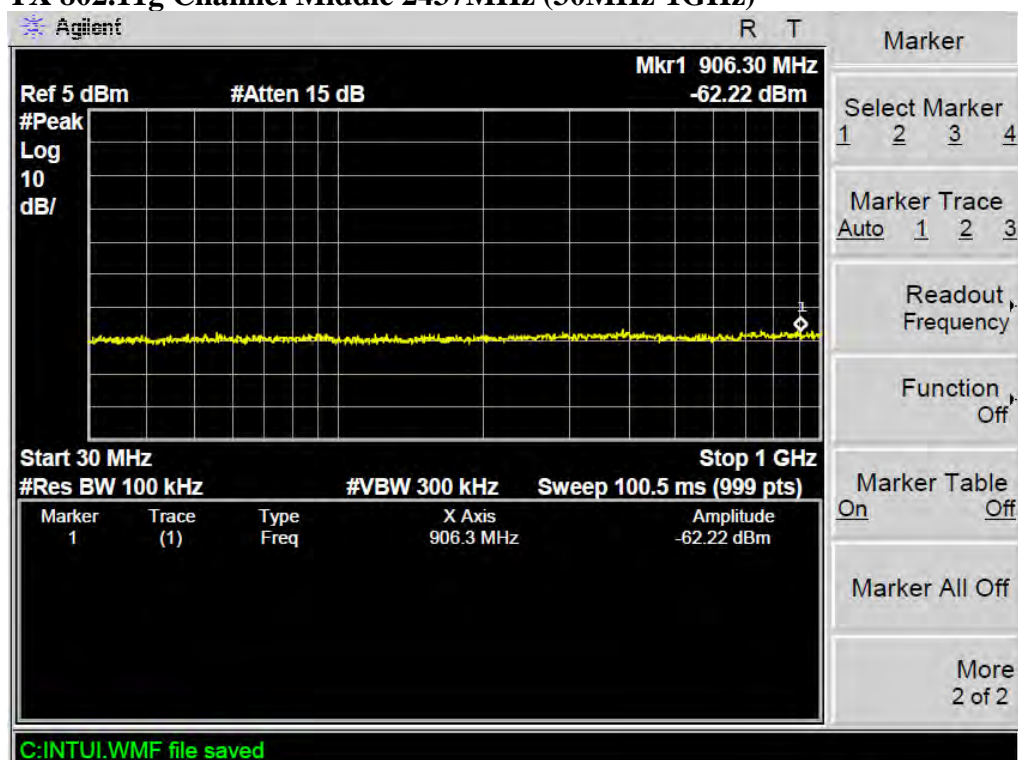
TX 802.11g Channel Low 2412MHz (30MHz-1GHz)



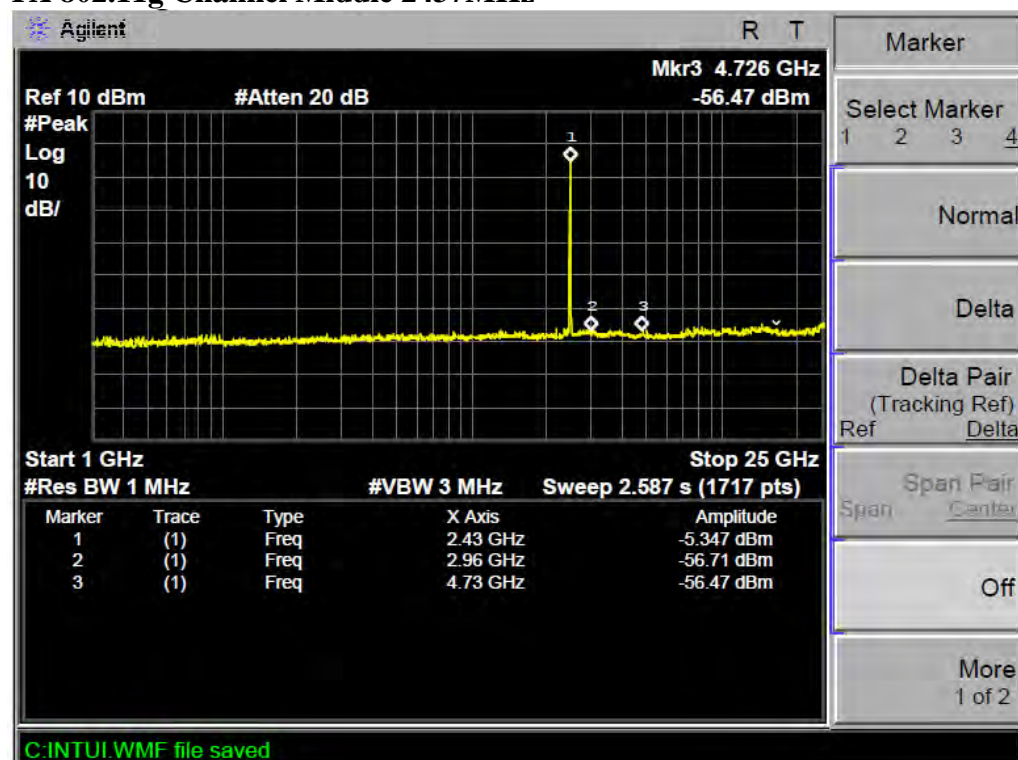
TX 802.11g Channel Low 2412MHz (1GHz-25GHz)



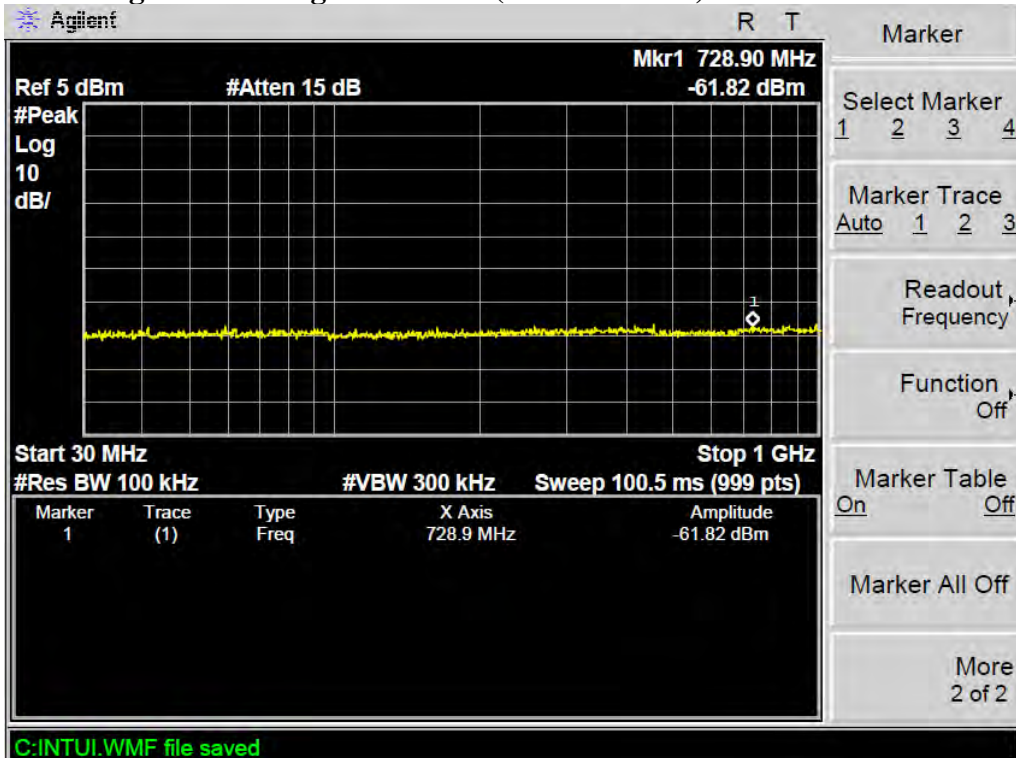
TX 802.11g Channel Middle 2437MHz (30MHz-1GHz)



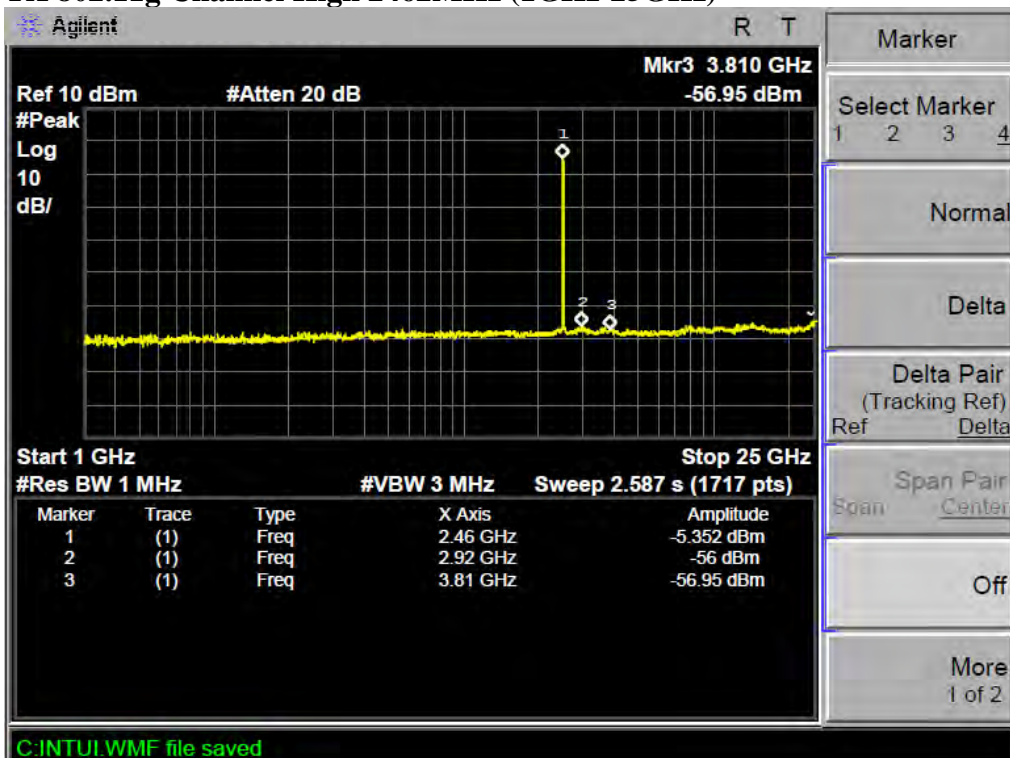
TX 802.11g Channel Middle 2437MHz



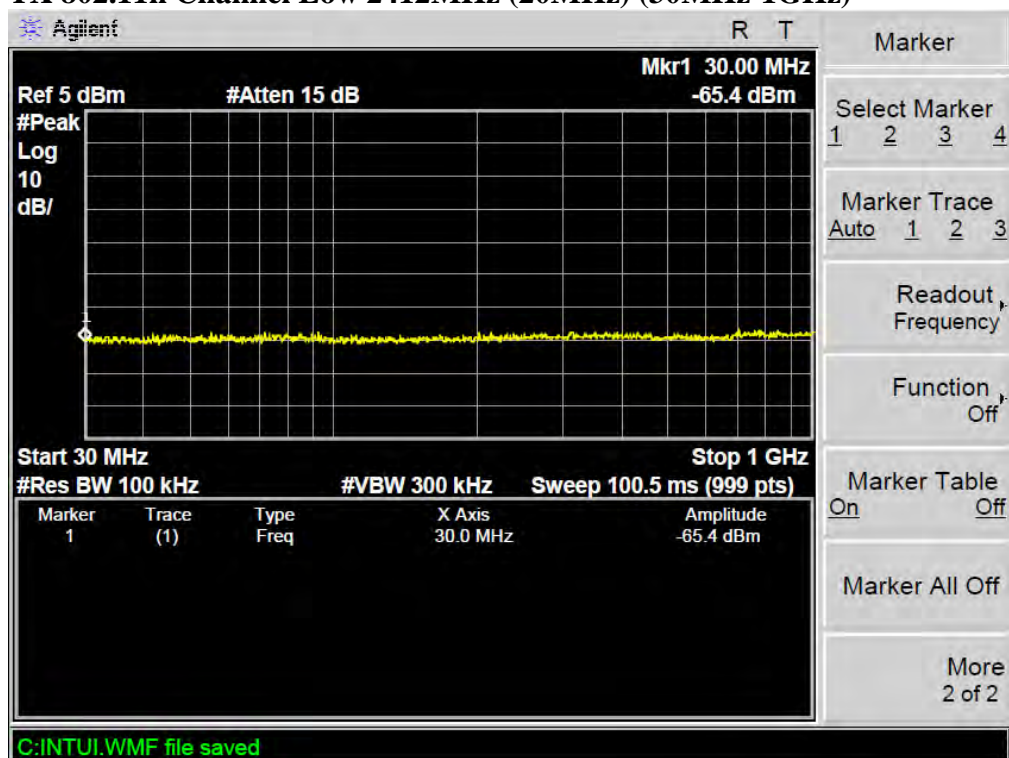
TX 802.11g Channel High 2462MHz (30MHz-1GHz)



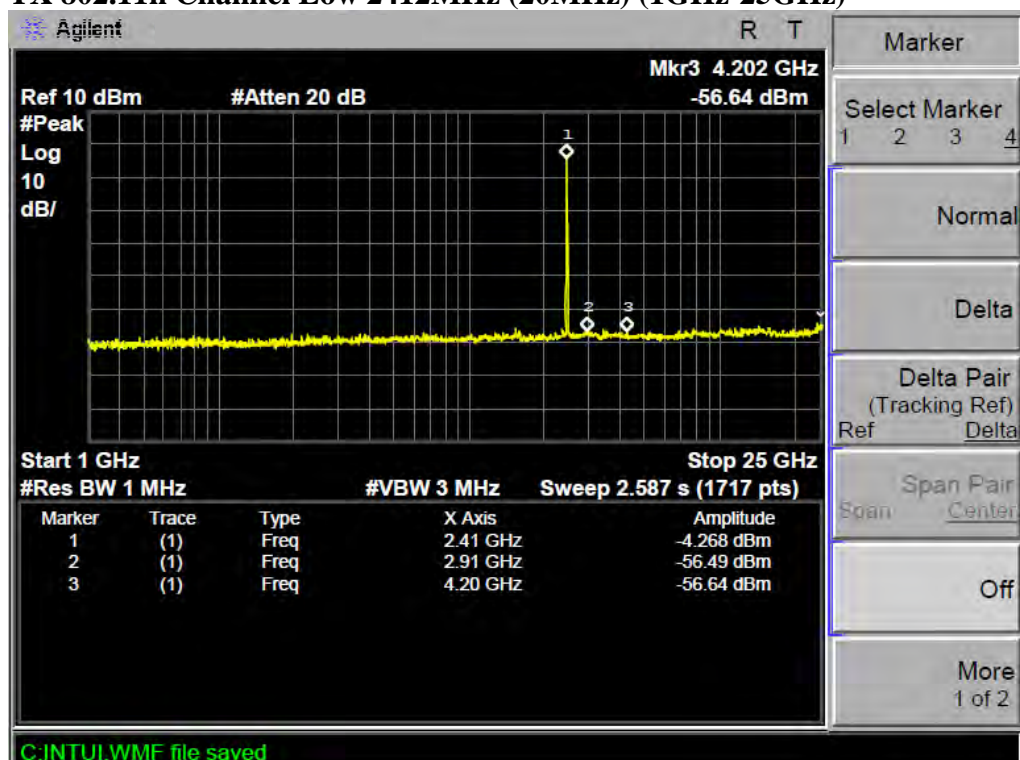
TX 802.11g Channel High 2462MHz (1GHz-25GHz)



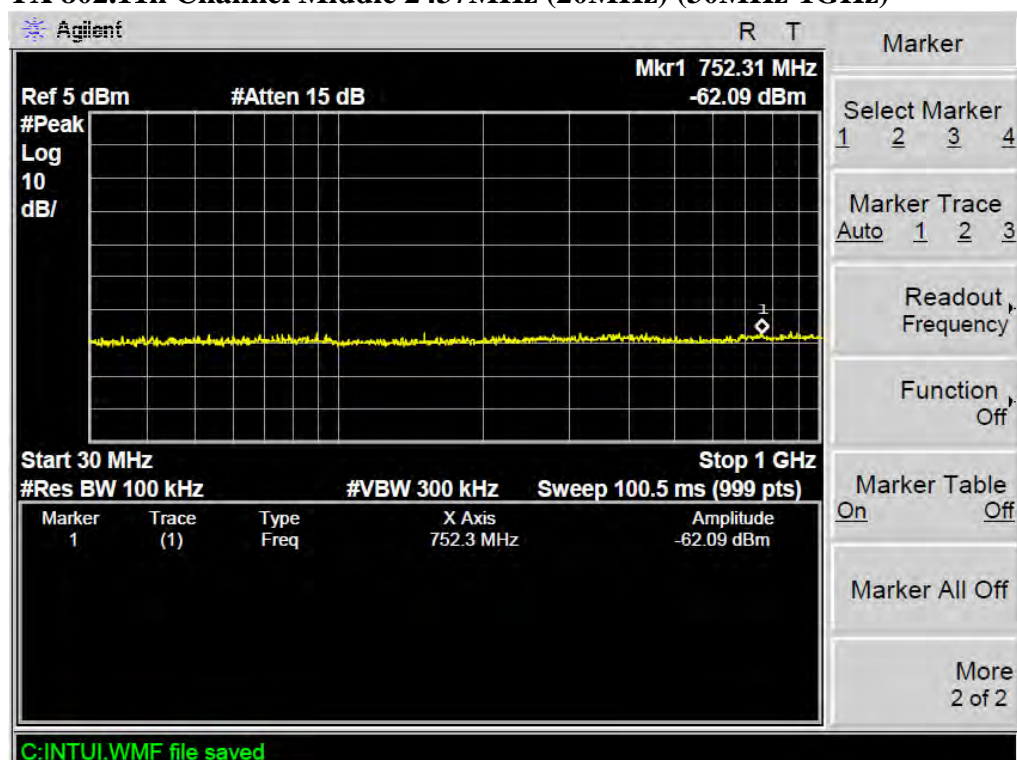
TX 802.11n Channel Low 2412MHz (20MHz) (30MHz-1GHz)



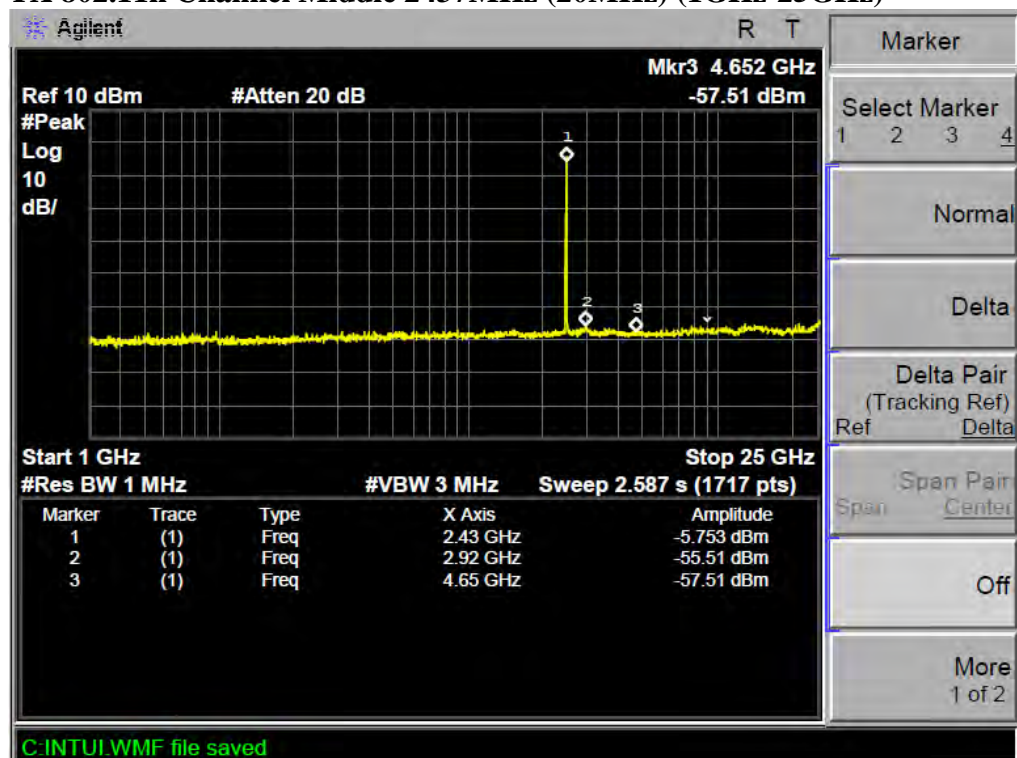
TX 802.11n Channel Low 2412MHz (20MHz) (1GHz-25GHz)



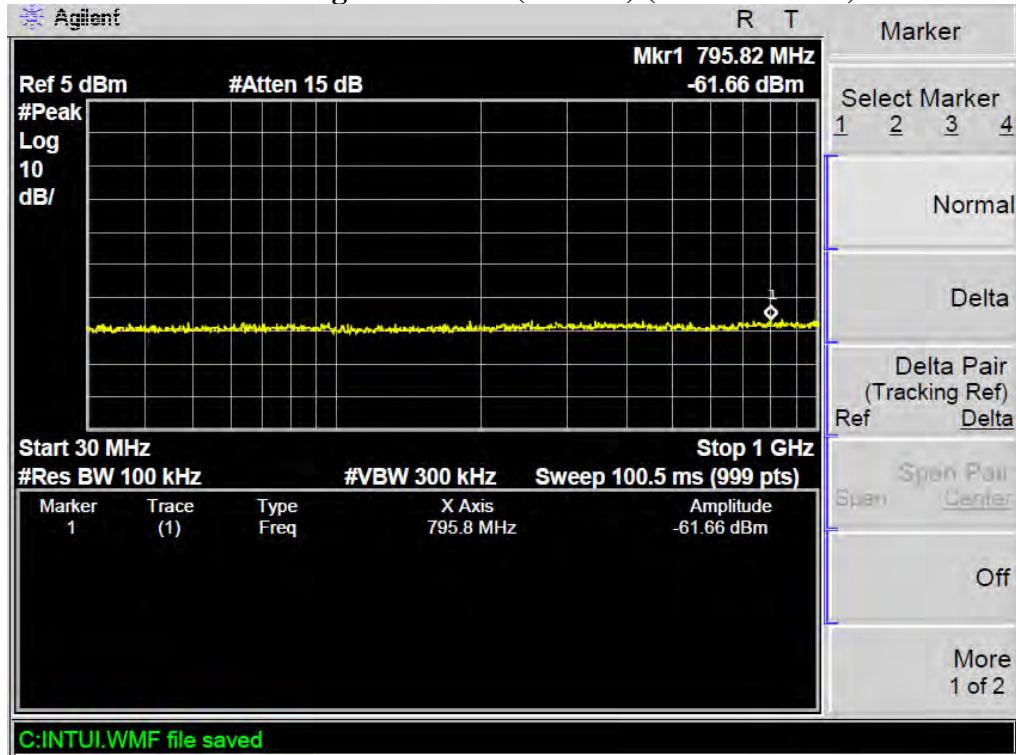
TX 802.11n Channel Middle 2437MHz (20MHz) (30MHz-1GHz)



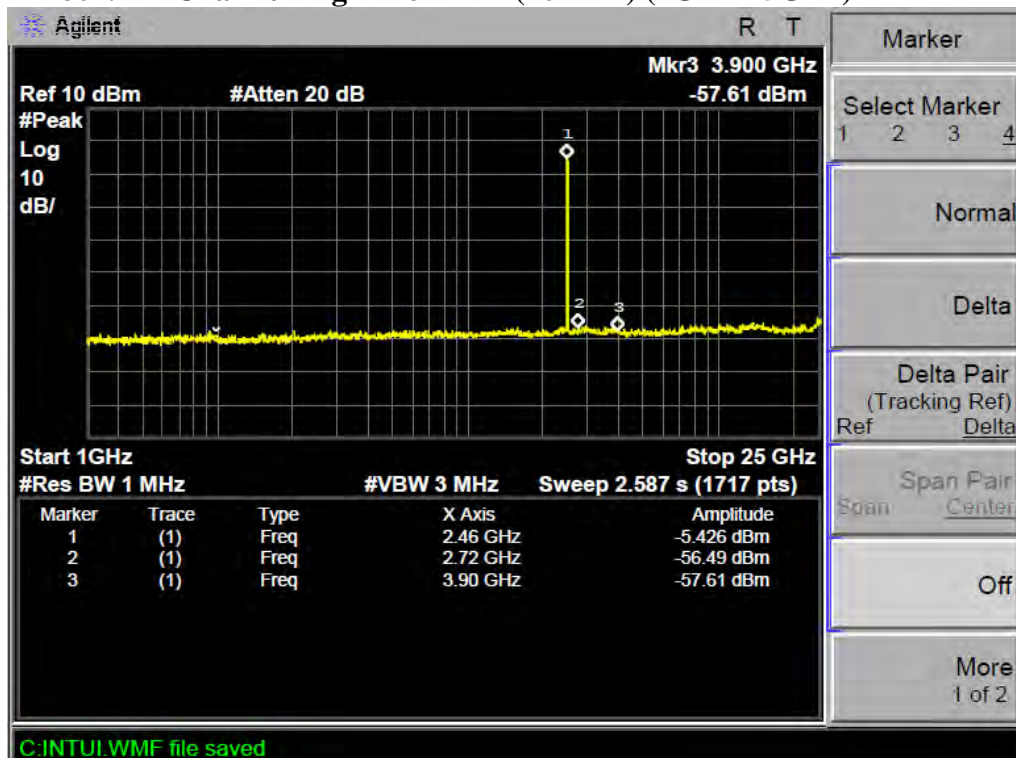
TX 802.11n Channel Middle 2437MHz (20MHz) (1GHz-25GHz)



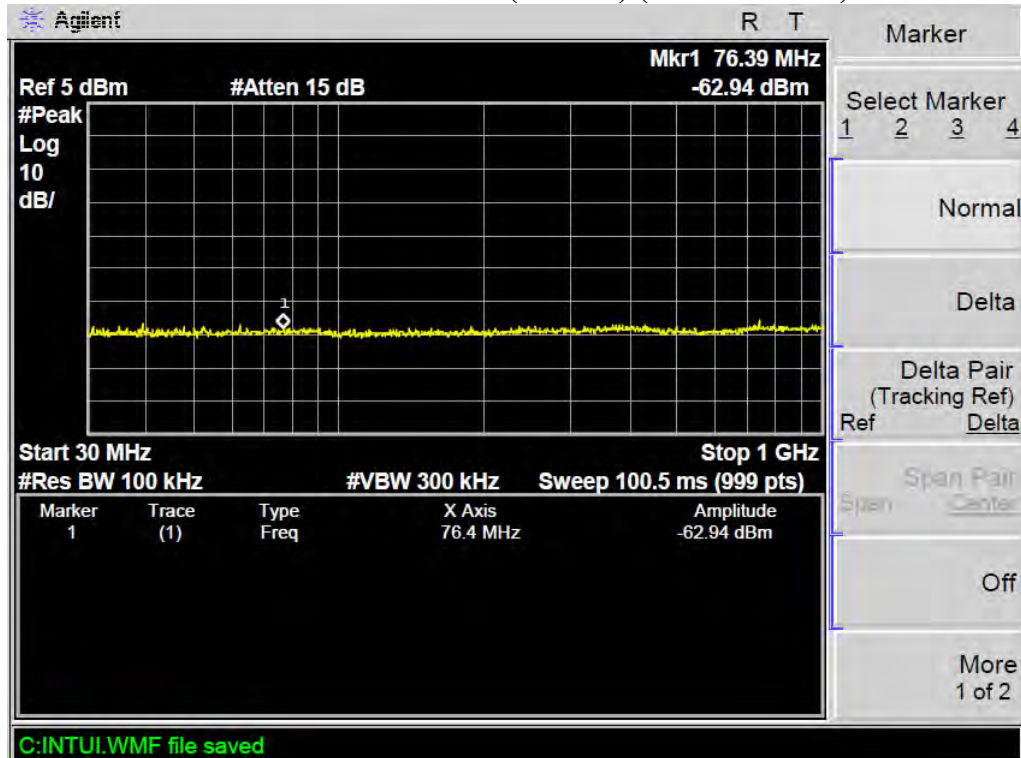
TX 802.11n Channel High 2462MHz (20MHz) (30MHz-1GHz)



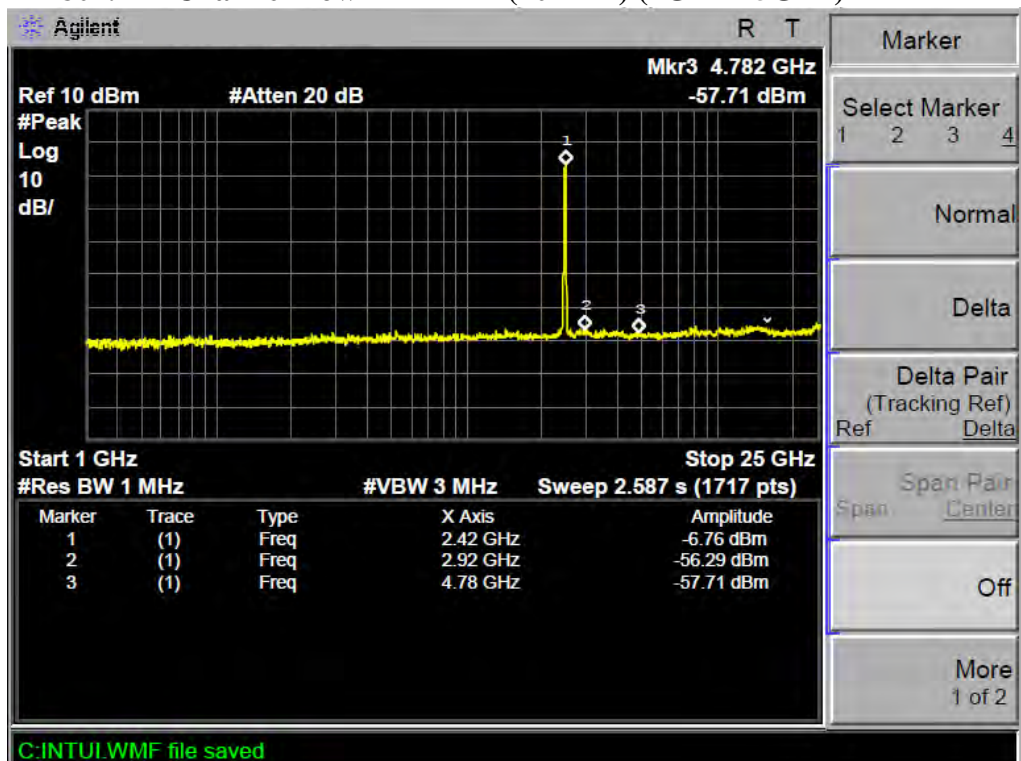
TX 802.11n Channel High 2462MHz (20MHz) (1GHz-25GHz)



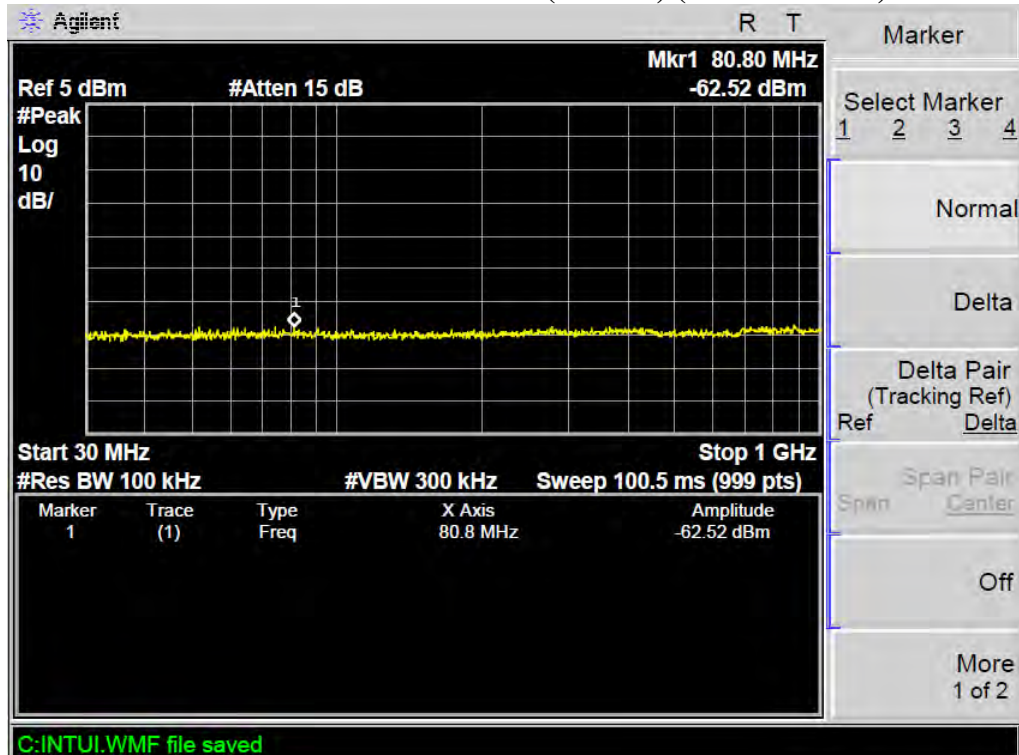
TX 802.11n Channel Low 2422MHz (40MHz) (30MHz-1GHz)



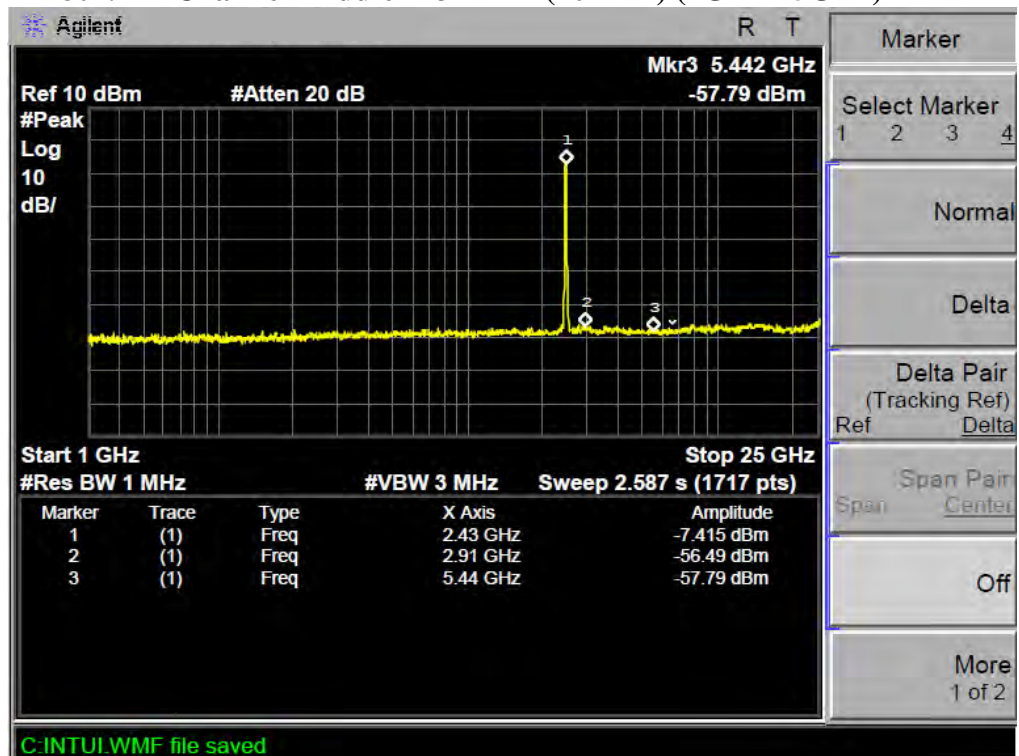
TX 802.11n Channel Low 2422MHz (40MHz) (1GHz-25GHz)



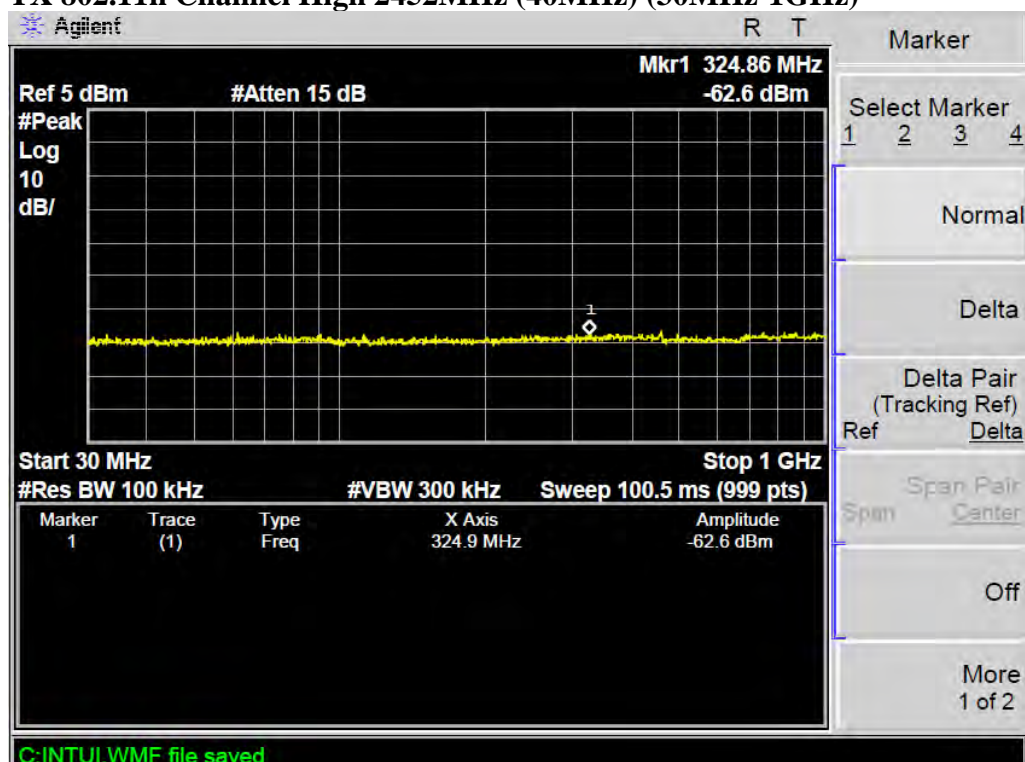
TX 802.11n Channel Middle 2437MHz (40MHz) (30MHz-1GHz)



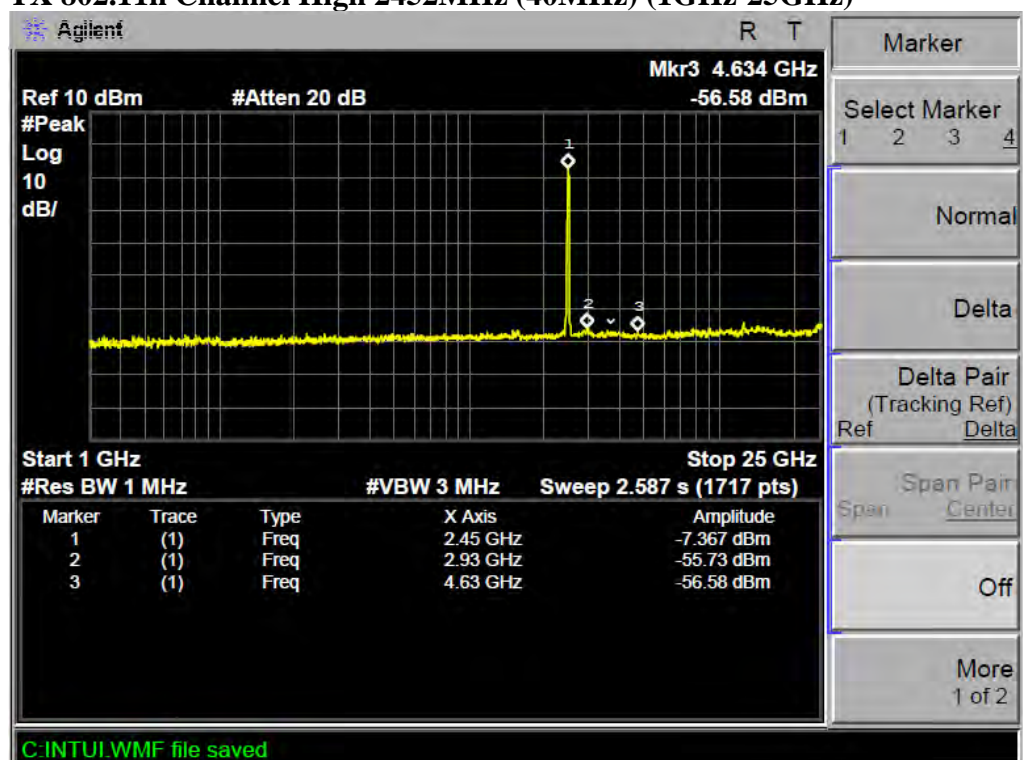
TX 802.11n Channel Middle 2437MHz (40MHz) (1GHz-25GHz)



TX 802.11n Channel High 2452MHz (40MHz) (30MHz-1GHz)



TX 802.11n Channel High 2452MHz (40MHz) (1GHz-25GHz)

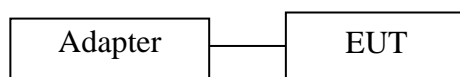


11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART

15 SECTION 15.207(A)

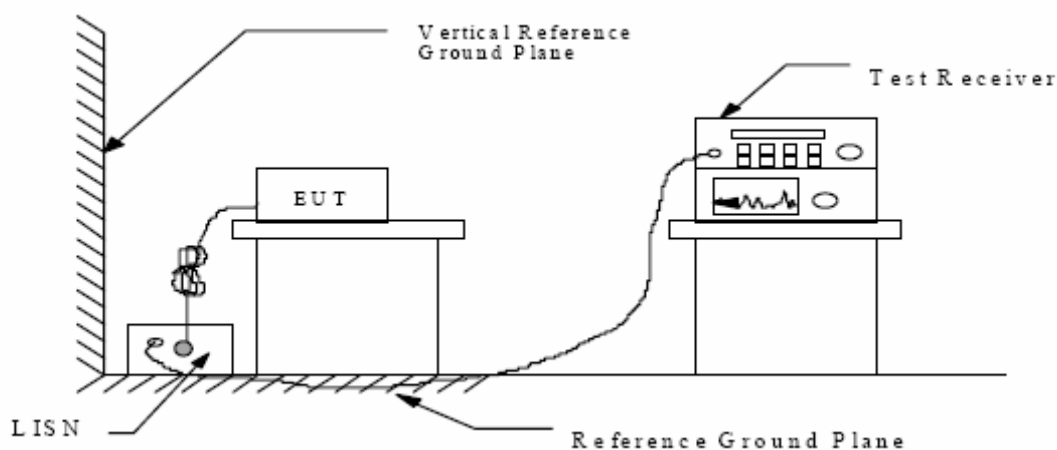
11.1.Block Diagram of Test Setup

11.1.1.Block diagram of connection between the EUT and simulators



(EUT: IP Camera)

11.1.2.Shielding Room Test Setup Diagram



(EUT: IP Camera)

11.2.The Emission Limit

11.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

11.3.Configuration of EUT on Measurement

The following equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

11.3.1.IP Camera (EUT)

Model Number : APM-J8015-WS
Serial Number : N/A
Manufacturer : SHENZHEN APEXIS ELECTRONIC CO., LTD.

11.4.Operating Condition of EUT

11.4.1.Setup the EUT and simulator as shown as Section 11.1.

11.4.2.Turn on the power of all equipment.

11.4.3.Let the EUT work in (On with Wi-Fi) mode measure it.

11.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4-2009 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

11.6. Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	July 22, 2013	Temperature:	25°C
EUT:	IP Camera	Humidity:	50%
Model No.:	APM-J8015-WS	Power Supply:	AC120V/50Hz
Test Mode:	On with Wi-Fi	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.153024	41.80	66	-24.0	QP	Neutral
0.180236	40.00	65	-24.5	QP	
0.540276	32.50	56	-23.5	QP	
0.210599	24.20	53	-29.0	AV	
0.540273	21.20	46	-24.8	AV	
0.609010	19.30	46	-26.7	AV	
0.155487	39.40	66	-26.3	QP	Live
0.180957	39.00	64	-25.4	QP	
0.215704	36.20	63	-26.8	QP	
0.333299	19.60	49	-29.8	AV	
0.483136	18.9	46	-27.4	AV	
0.515002	19.4	46	-26.6	AV	

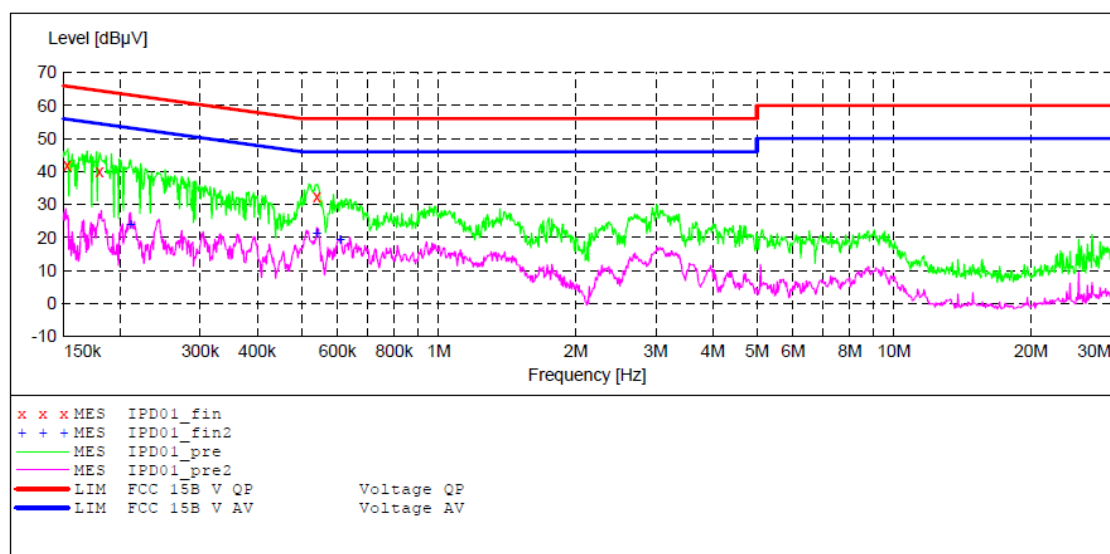
Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

ACCURATE TECHNOLOGY CO.,LTD**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: IP Camera M/N:APM-J8015-WS
 Manufacturer: APEXIS
 Operating Condition: On with Wi-Fi
 Test Site: 1#Shielding Room
 Operator: star
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20131557
 Start of Test: 7/22/2013 / 3:50:17PM

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: "IPD01_fin"**

7/22/2013 3:52PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.153024	41.80	11.0	66	24.0	QP	N	GND
0.180236	40.00	11.0	65	24.5	QP	N	GND
0.540273	32.50	11.1	56	23.5	QP	N	GND

MEASUREMENT RESULT: "IPD01_fin2"

7/22/2013 3:52PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.210599	24.20	11.0	53	29.0	AV	N	GND
0.540273	21.20	11.1	46	24.8	AV	N	GND
0.609010	19.30	11.1	46	26.7	AV	N	GND

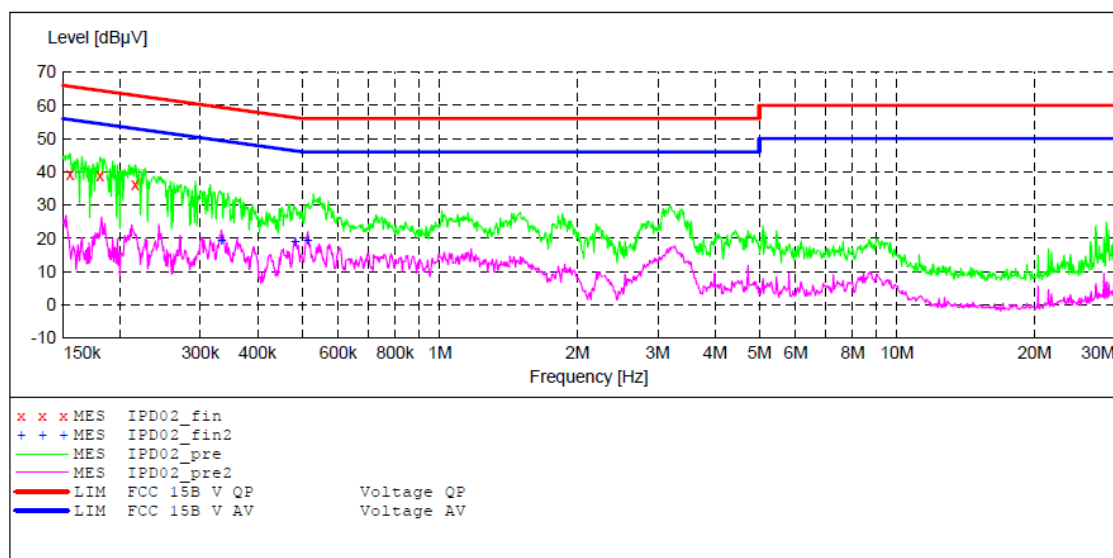
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: IP Camera M/N:APM-J8015-WS
 Manufacturer: APEXIS
 Operating Condition: On with Wi-Fi
 Test Site: 1#Shielding Room
 Operator: star
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20131557
 Start of Test: 7/22/2013 / 3:53:13PM

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: "IPD02_fin"

7/22/2013 3:55PM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.155487	39.40	11.0	66	26.3	QP	L1	GND
0.180957	39.00	11.0	64	25.4	QP	L1	GND
0.215704	36.20	11.0	63	26.8	QP	L1	GND

MEASUREMENT RESULT: "IPD02_fin2"

7/22/2013 3:55PM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.333299	19.60	11.1	49	29.8	AV	L1	GND
0.483136	18.90	11.1	46	27.4	AV	L1	GND
0.515002	19.40	11.1	46	26.6	AV	L1	GND

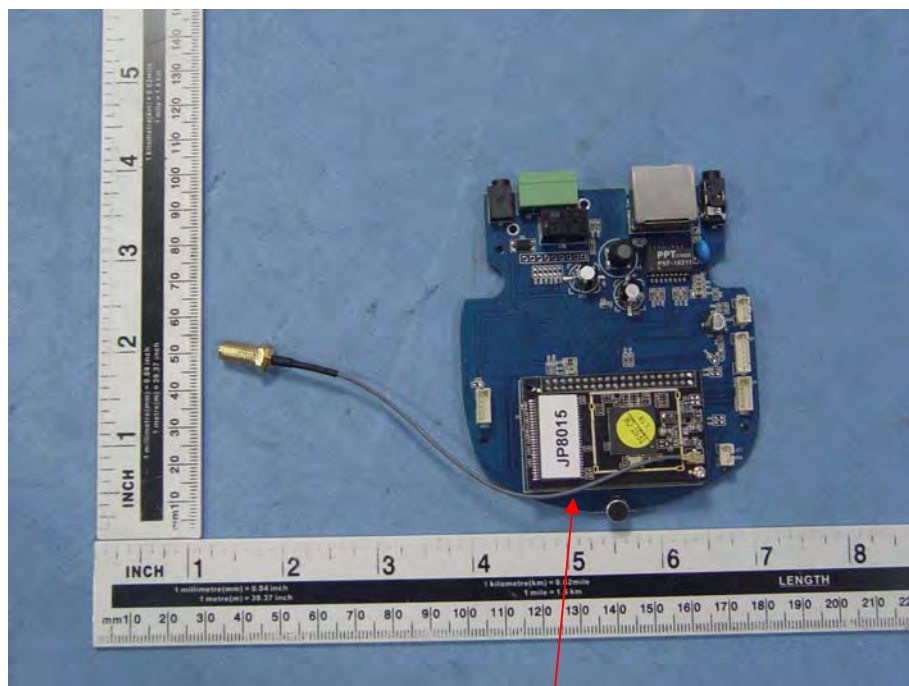
12.ANTENNA REQUIREMENT

12.1.The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

12.2.Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna