



ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber

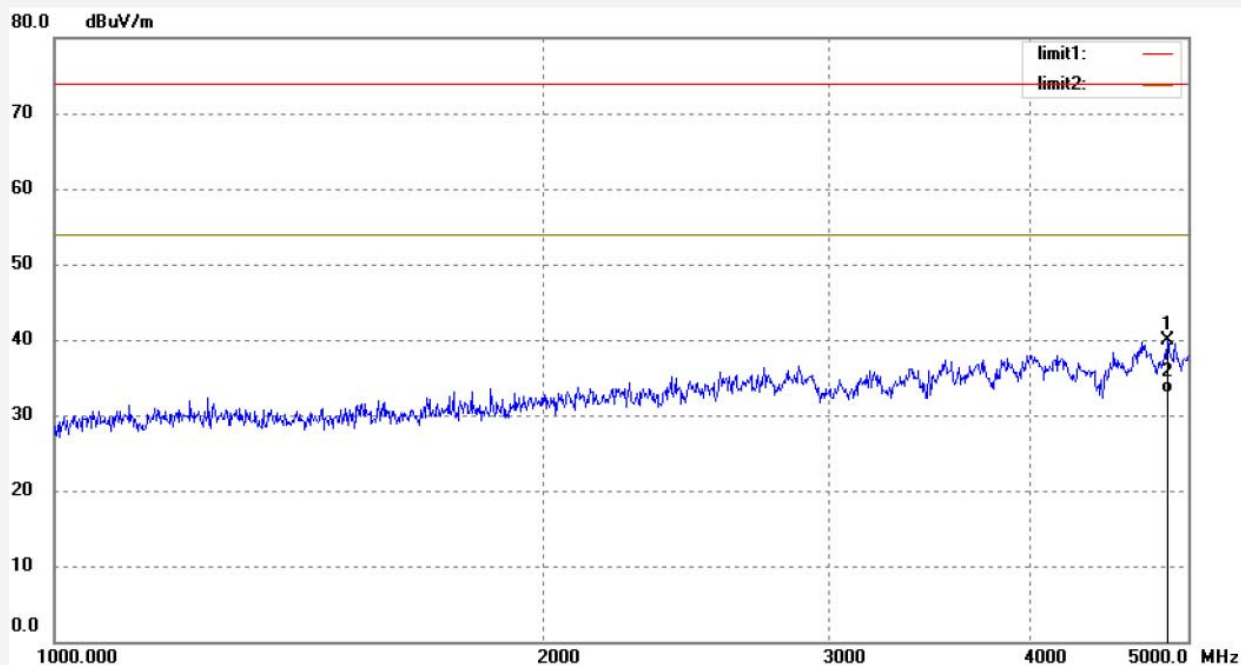
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1430
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: Audio in
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 18:16:00
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4856.379	41.27	-1.36	39.91	74.00	-34.09	peak			
2	4856.379	34.35	-1.36	32.99	54.00	-21.01	AVG			

Test mode 3

Below 1GHz



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Site: 1# Chamber

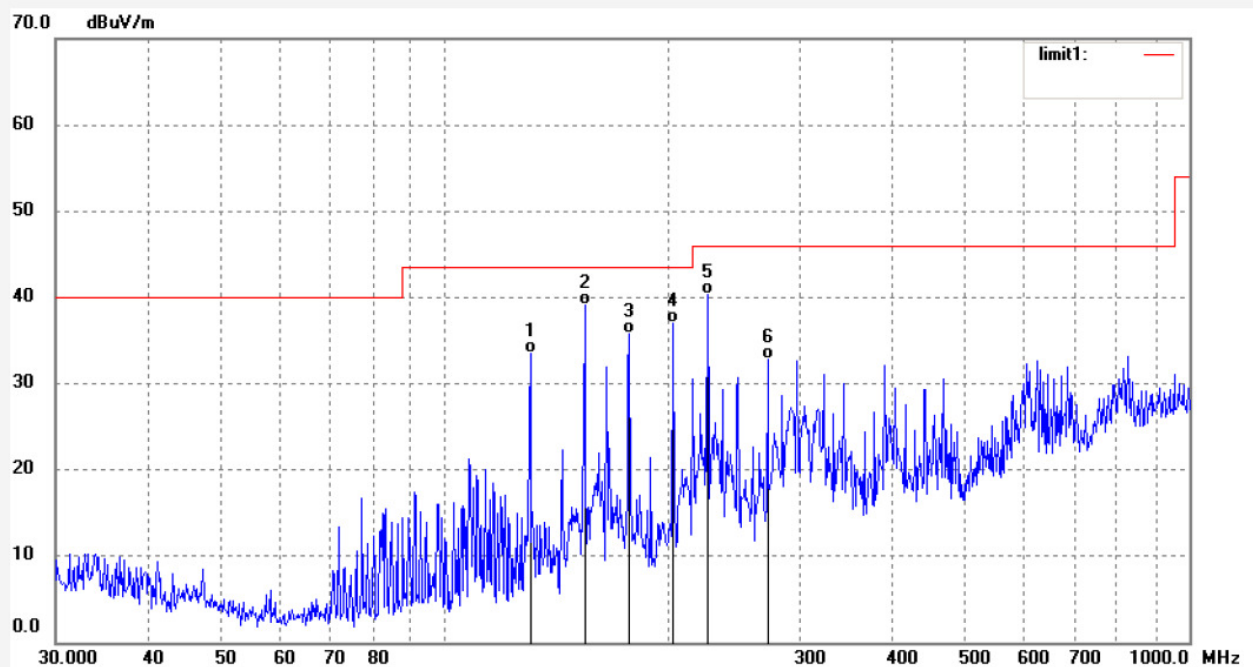
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1406
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: USB Play
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 16:40:55
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	55.33	-21.74	33.59	43.50	-9.91	QP			
2	154.2427	61.12	-21.95	39.17	43.50	-4.33	QP			
3	176.8951	56.39	-20.62	35.77	43.50	-7.73	QP			
4	202.8745	55.56	-18.60	36.96	43.50	-6.54	QP			
5	225.4267	58.65	-18.35	40.30	46.00	-5.70	QP			
6	271.5686	49.97	-17.09	32.88	46.00	-13.12	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1407

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SPEAKER

Mode: USB Play

Model: TQ-KY21501

Manufacturer: TQL TRADING INC

Polarization: Vertical

Power Source: AC 120V/60Hz

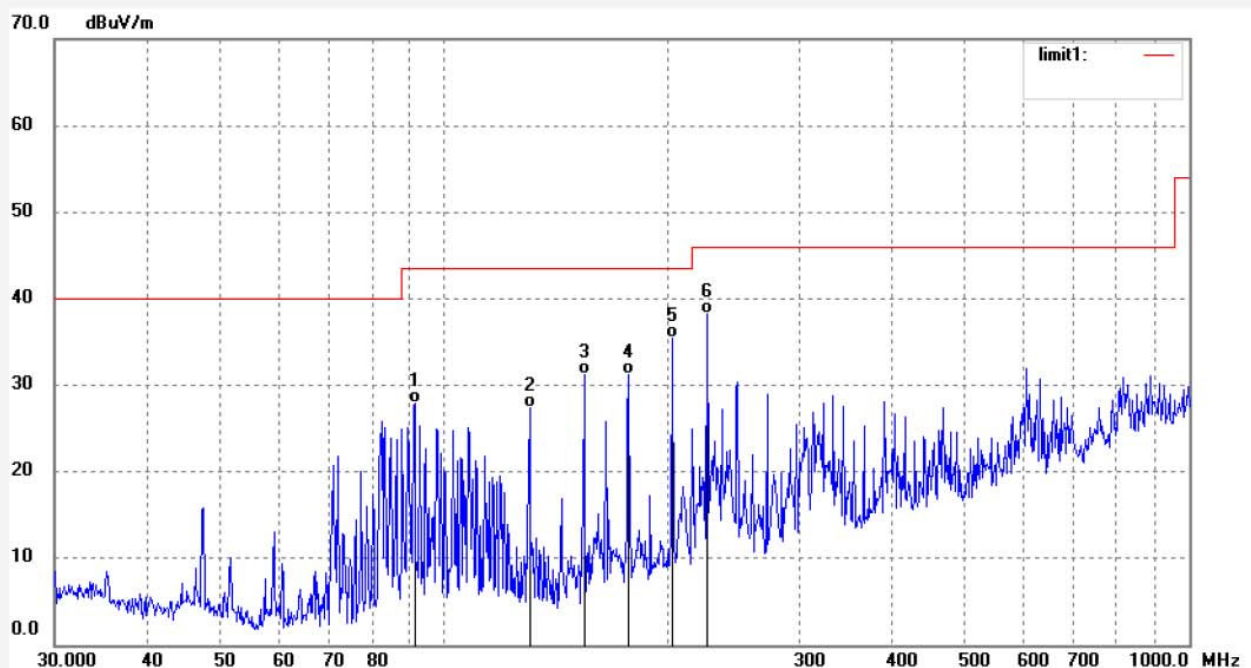
Date: 2016/07/05

Time: 16:44:03

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	91.3777	49.65	-21.82	27.83	43.50	-15.67	QP			
2	130.3048	49.19	-21.74	27.45	43.50	-16.05	QP			
3	154.2427	53.13	-21.95	31.18	43.50	-12.32	QP			
4	176.8951	51.81	-20.62	31.19	43.50	-12.31	QP			
5	202.1630	53.99	-18.63	35.36	43.50	-8.14	QP			
6	225.4267	56.53	-18.35	38.18	46.00	-7.82	QP			

Above 1GHz



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Site: 1# Chamber

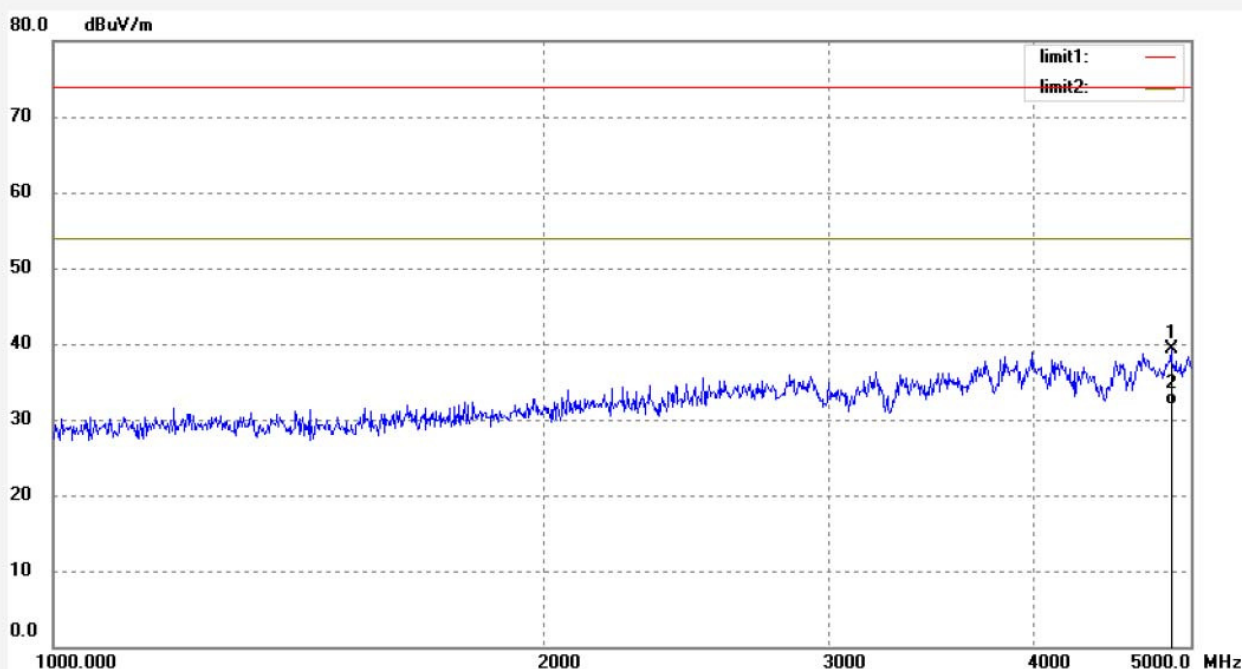
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1427
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: USB Play
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 18:03:36
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4864.249	40.60	-1.34	39.26	74.00	-34.74	peak			
2	4864.249	33.28	-1.34	31.94	54.00	-22.06	AVG			



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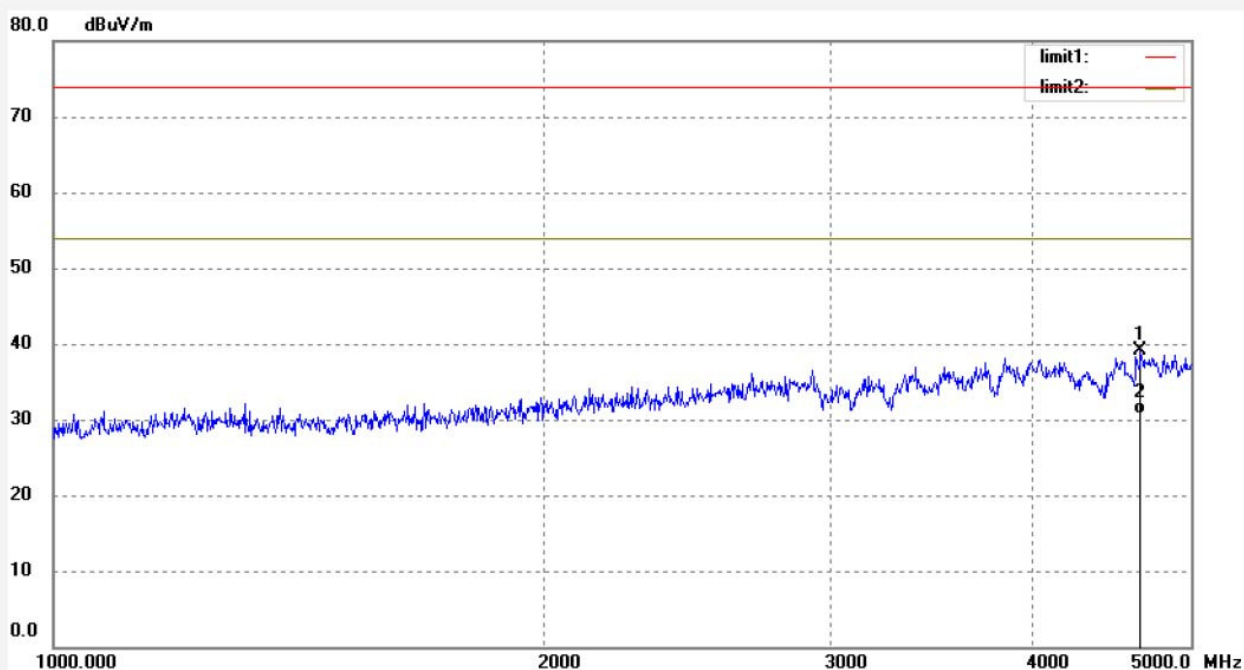
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1428
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: USB Play
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 18:07:26
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4656.179	41.07	-2.02	39.05	74.00	-34.95	peak			
2	4656.179	32.70	-2.02	30.68	54.00	-23.32	AVG			

Test mode 4

Below 1GHz



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Site: 1# Chamber

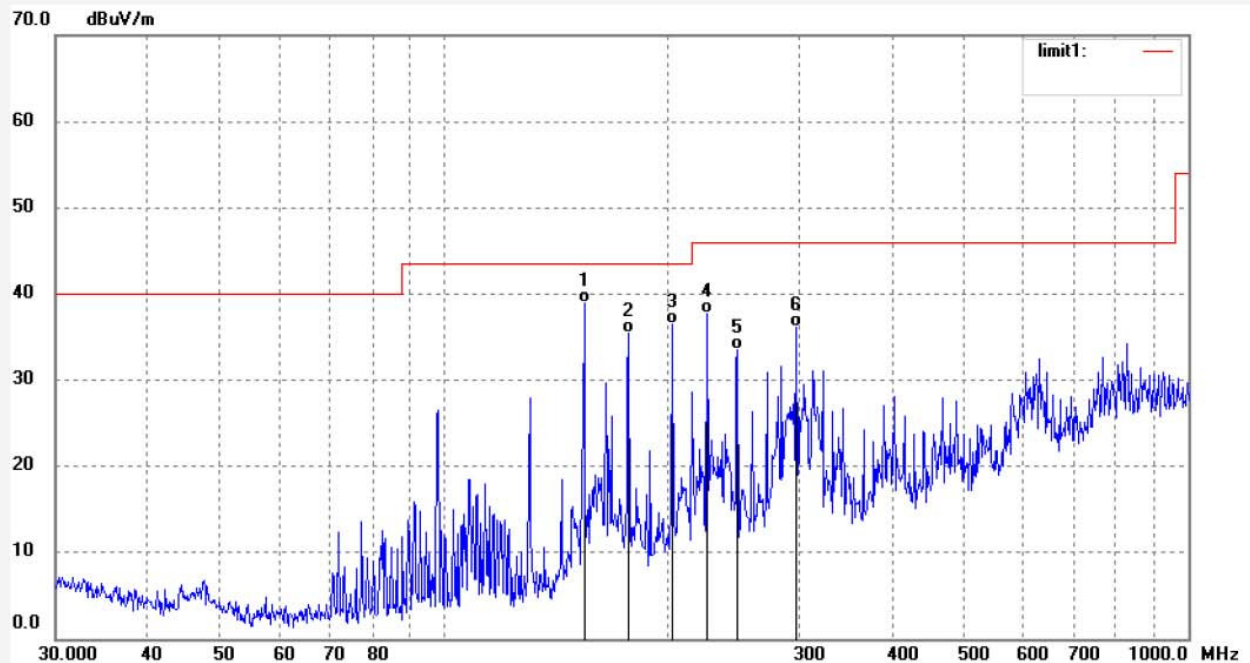
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1414
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: 210.3MHz RX
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:10:15
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	154.2427	60.92	-21.95	38.97	43.50	-4.53	QP			
2	176.8951	56.09	-20.62	35.47	43.50	-8.03	QP			
3	202.1630	55.05	-18.63	36.42	43.50	-7.08	QP			
4	225.4267	56.04	-18.35	37.69	46.00	-8.31	QP			
5	247.8593	51.73	-18.19	33.54	46.00	-12.46	QP			
6	297.5459	52.52	-16.33	36.19	46.00	-9.81	QP			



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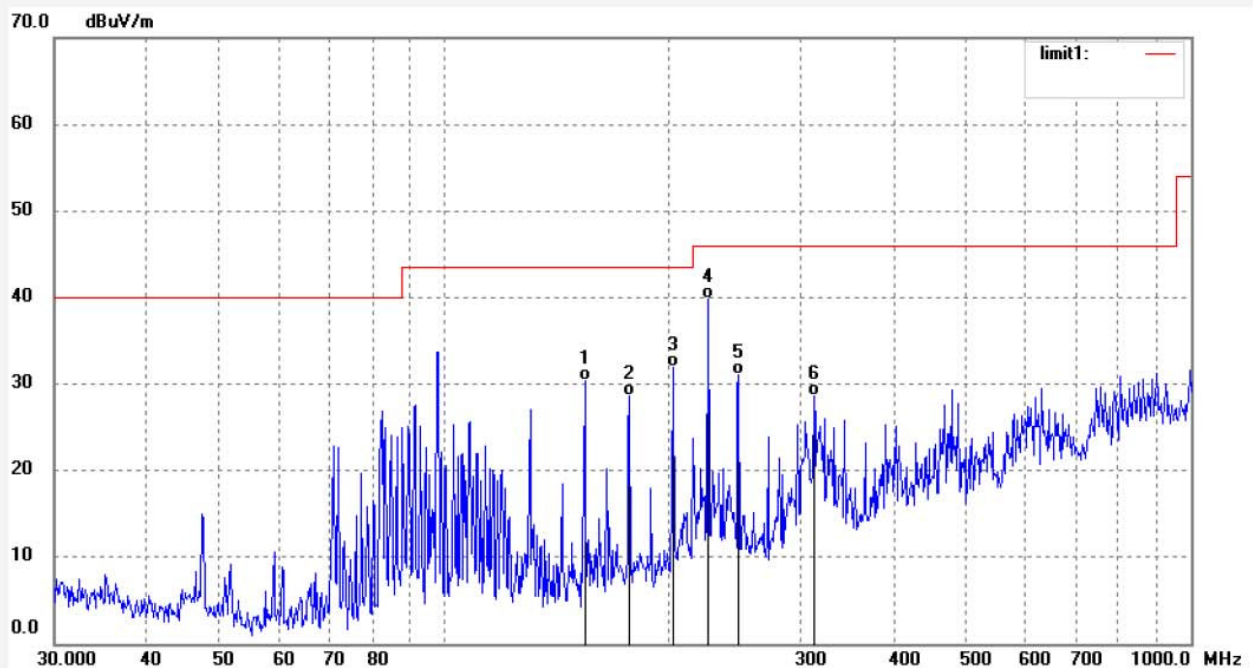
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1415
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: 210.3MHz RX
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:15:56
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	154.2427	52.23	-21.95	30.28	43.50	-13.22	QP			
2	176.8951	49.28	-20.62	28.66	43.50	-14.84	QP			
3	202.8745	50.54	-18.60	31.94	43.50	-11.56	QP			
4	225.4267	58.25	-18.35	39.90	46.00	-6.10	QP			
5	247.8593	49.27	-18.19	31.08	46.00	-14.92	QP			
6	312.5482	44.56	-15.99	28.57	46.00	-17.43	QP			

Above 1GHz



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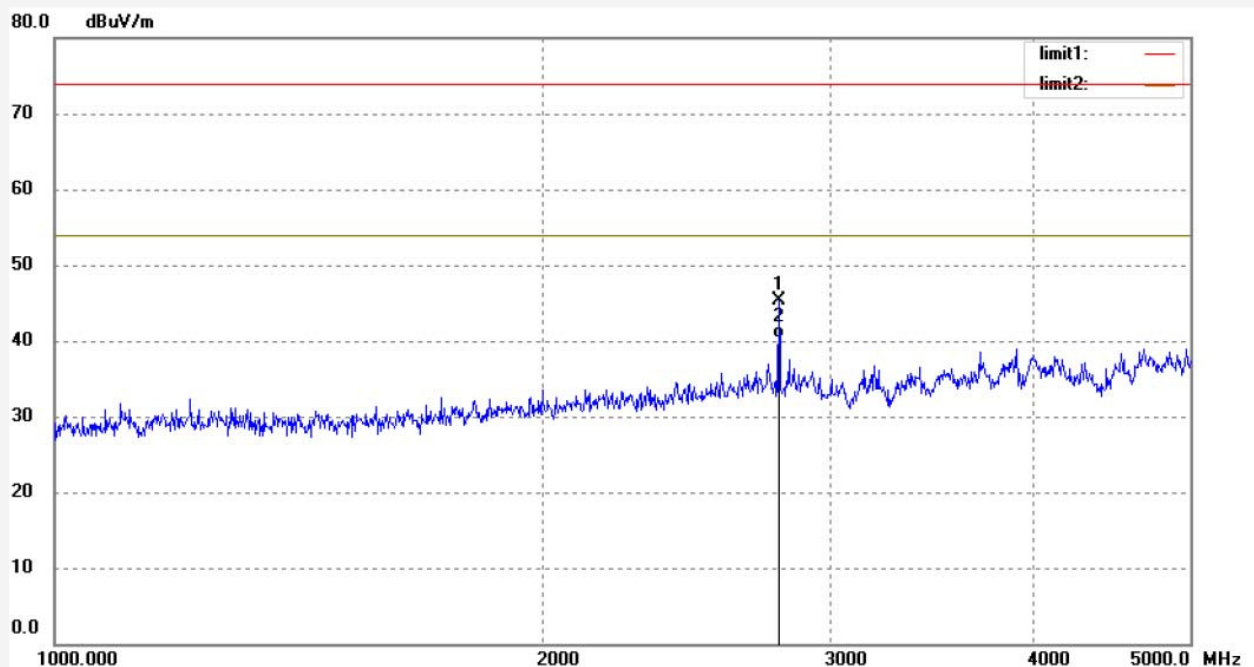
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1420
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: 210.3MHz RX
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:37:20
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2791.399	51.75	-6.36	45.39	74.00	-28.61	peak			
2	2791.399	46.68	-6.36	40.32	54.00	-13.68	AVG			



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Site: 1# Chamber

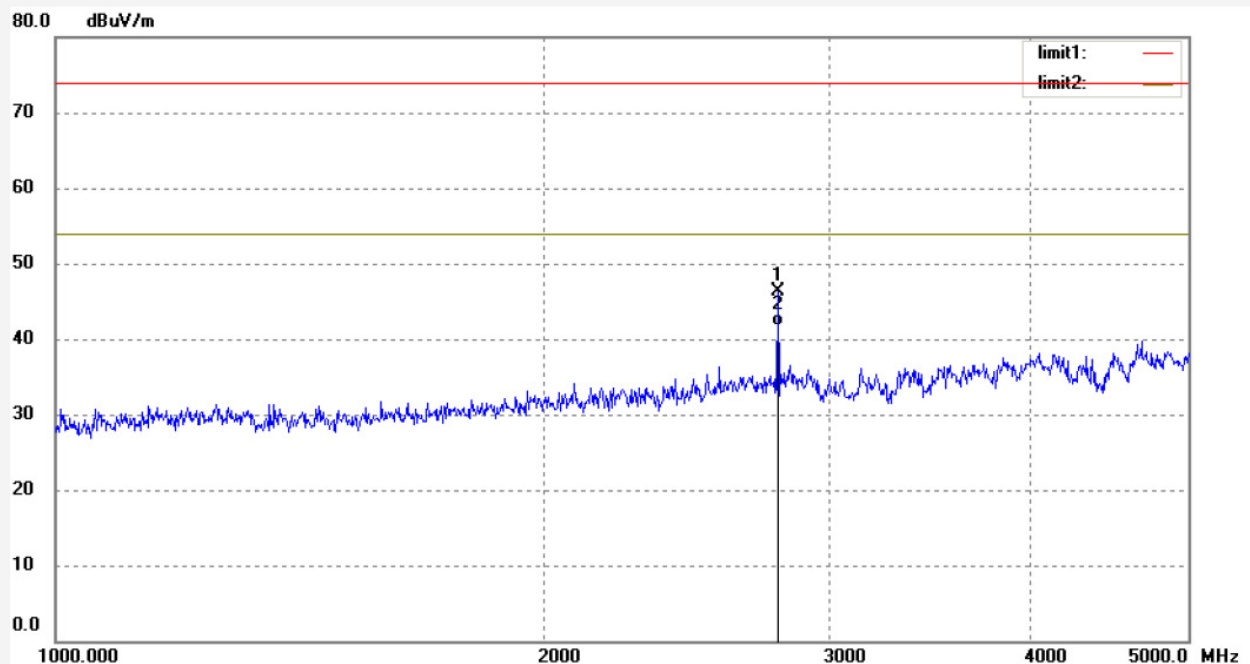
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1419
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: 210.3MHz RX
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:33:41
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2791.399	52.69	-6.36	46.33	74.00	-27.67	peak			
2	2791.399	48.14	-6.36	41.78	54.00	-12.22	AVG			

Test mode 5

Below 1GHz



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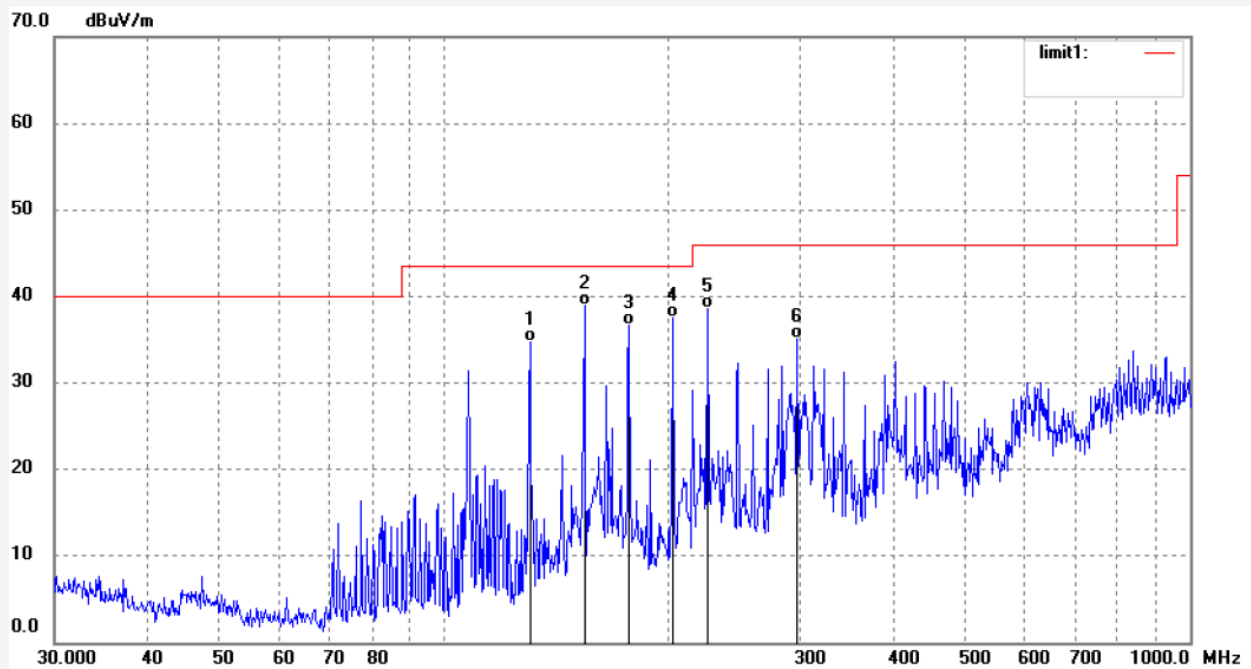
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1417
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: GUITAR IN
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:22:58
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	56.41	-21.74	34.67	43.50	-8.83	QP			
2	154.2427	60.97	-21.95	39.02	43.50	-4.48	QP			
3	176.8952	57.27	-20.62	36.65	43.50	-6.85	QP			
4	202.8745	56.17	-18.60	37.57	43.50	-5.93	QP			
5	225.4267	57.01	-18.35	38.66	46.00	-7.34	QP			
6	297.5459	51.41	-16.33	35.08	46.00	-10.92	QP			



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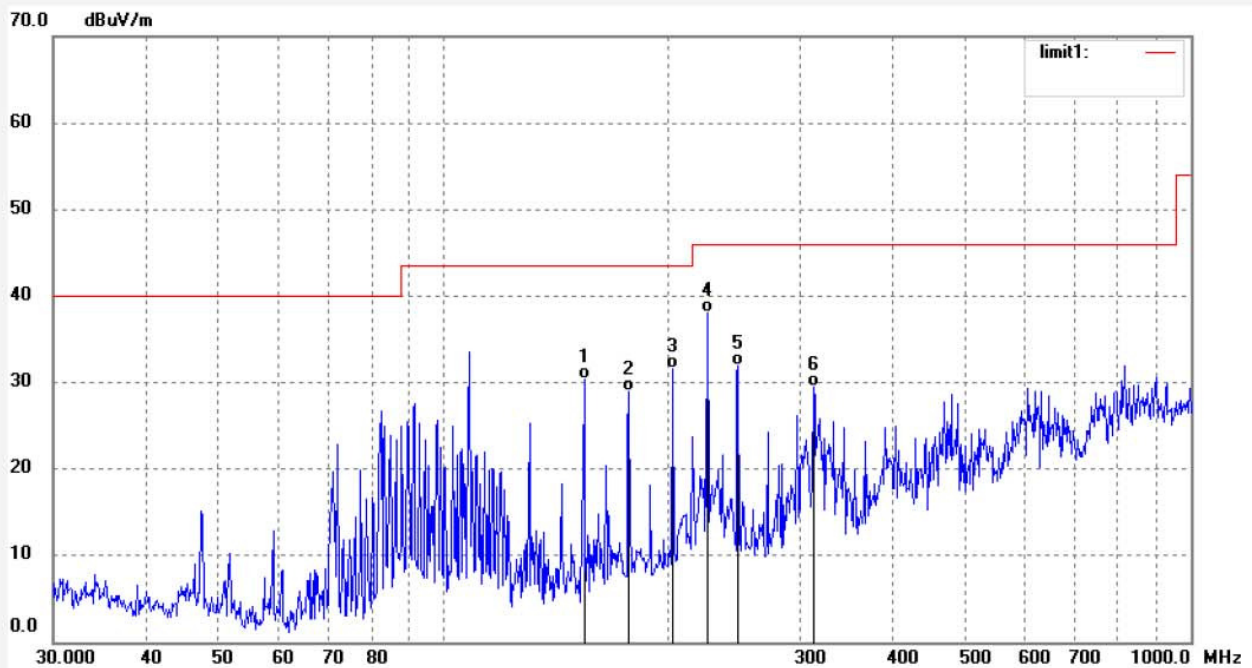
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1416
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: GUITAR IN
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:18:40
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	154.2428	52.37	-21.95	30.42	43.50	-13.08	QP			
2	176.8952	49.53	-20.62	28.91	43.50	-14.59	QP			
3	202.1630	50.16	-18.63	31.53	43.50	-11.97	QP			
4	225.4267	56.48	-18.35	38.13	46.00	-7.87	QP			
5	247.8594	50.10	-18.19	31.91	46.00	-14.09	QP			
6	312.5482	45.54	-15.99	29.55	46.00	-16.45	QP			

Above 1GHz



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Site: 1# Chamber

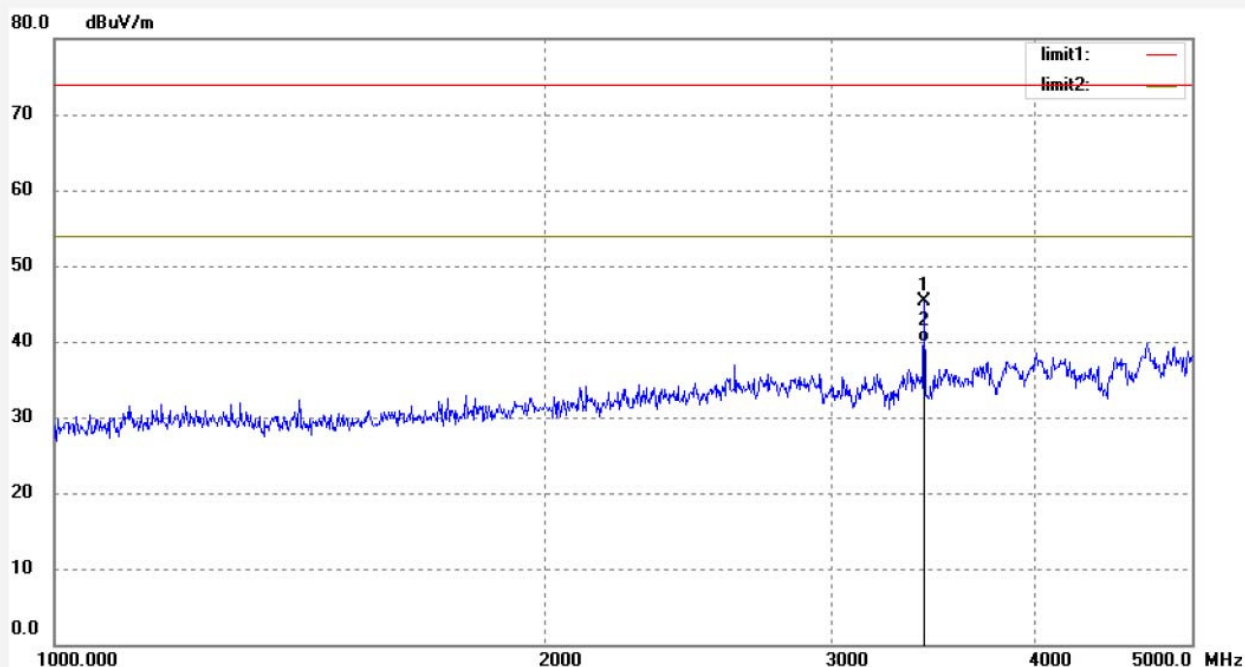
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1423
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: GUITAR IN
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:49:07
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	3423.133	49.39	-4.11	45.28	74.00	-28.72	peak			
2	3423.133	44.10	-4.11	39.99	54.00	-14.01	AVG			



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Site: 1# Chamber

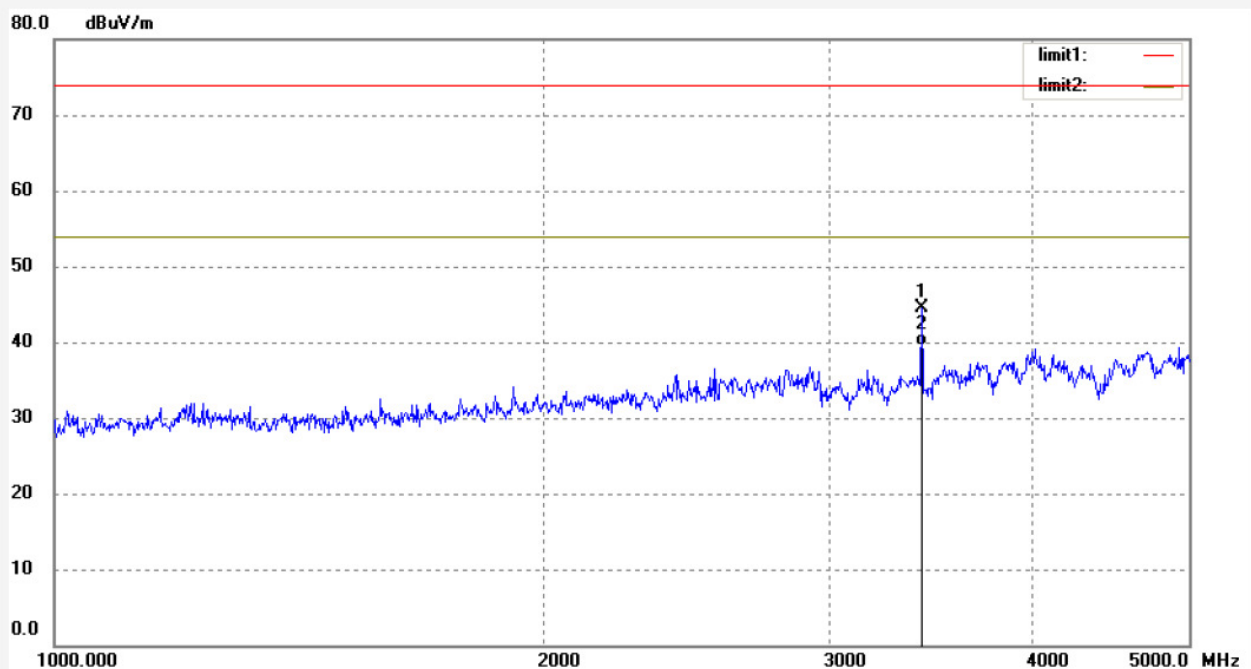
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1424
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: GUITAR IN
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:52:30
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	3423.133	48.53	-4.11	44.42	74.00	-29.58	peak			
2	3423.133	43.61	-4.11	39.50	54.00	-14.50	AVG			

Test mode 6

Below 1GHz



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Site: 1# Chamber

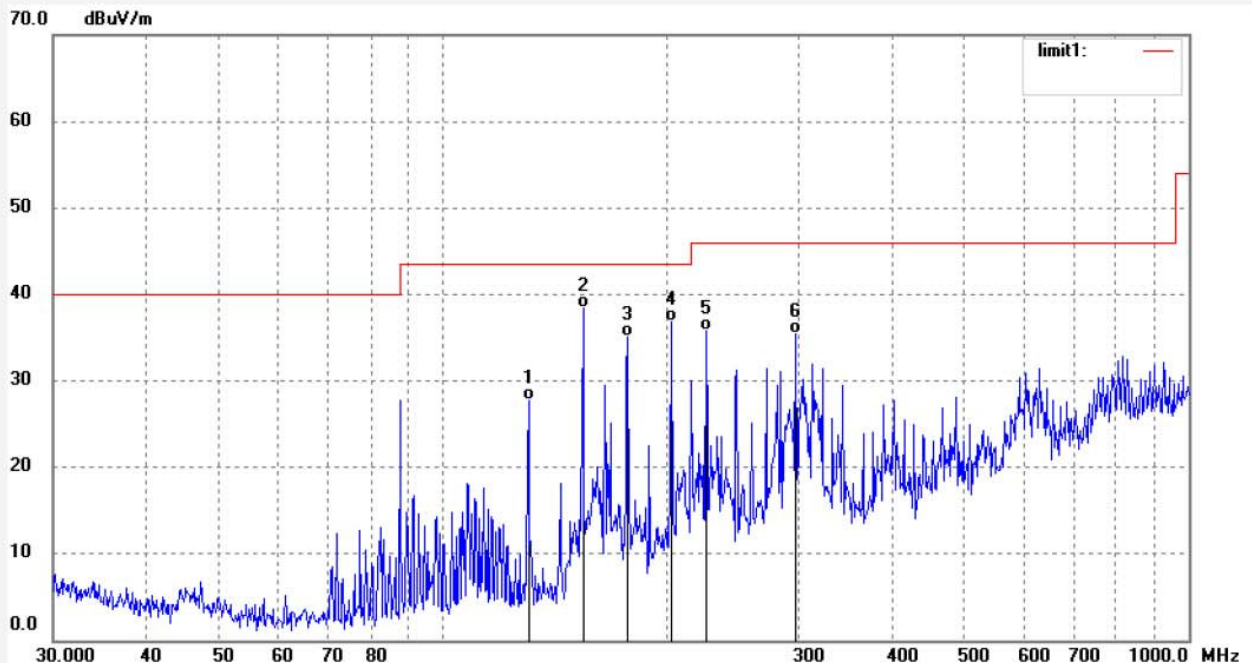
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1413
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: MIC IN
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:06:14
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	49.50	-21.74	27.76	43.50	-15.74	QP			
2	154.2427	60.34	-21.95	38.39	43.50	-5.11	QP			
3	176.8951	55.74	-20.62	35.12	43.50	-8.38	QP			
4	202.8745	55.44	-18.60	36.84	43.50	-6.66	QP			
5	225.4267	54.16	-18.35	35.81	46.00	-10.19	QP			
6	297.5459	51.79	-16.33	35.46	46.00	-10.54	QP			



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Site: 1# Chamber

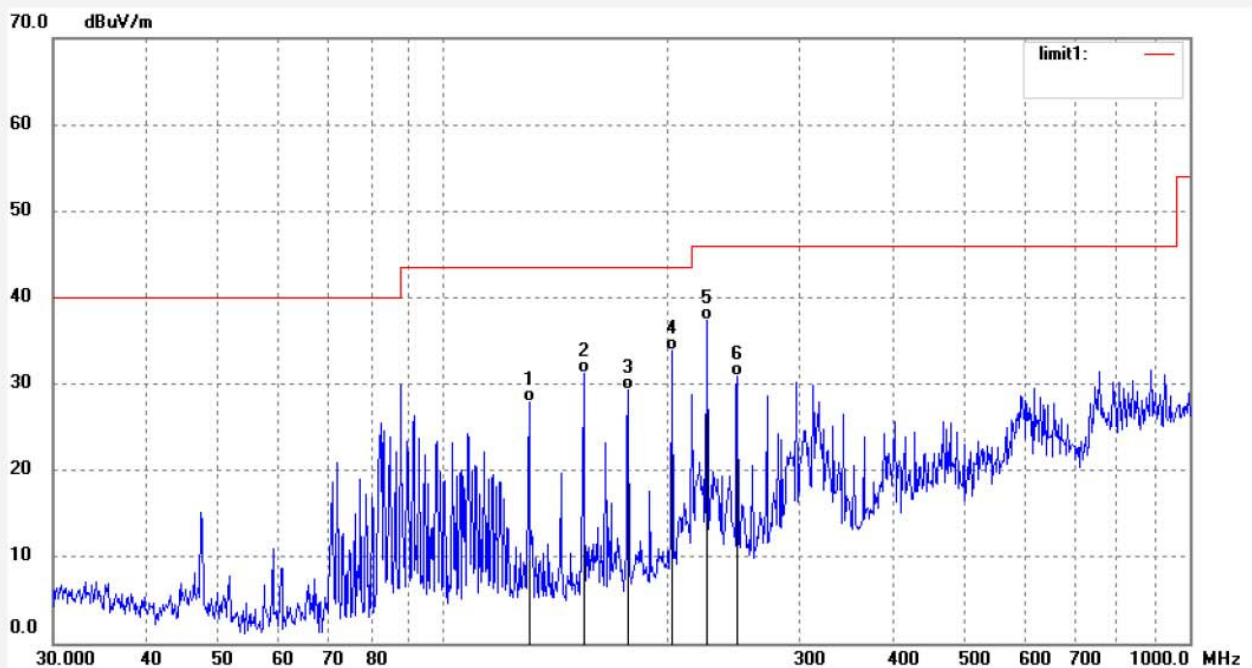
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1412
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: MIC IN
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:02:26
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	49.64	-21.74	27.90	43.50	-15.60	QP			
2	154.2427	53.13	-21.95	31.18	43.50	-12.32	QP			
3	176.8951	50.01	-20.62	29.39	43.50	-14.11	QP			
4	202.8745	52.49	-18.60	33.89	43.50	-9.61	QP			
5	225.4267	55.75	-18.35	37.40	46.00	-8.60	QP			
6	247.8592	49.13	-18.19	30.94	46.00	-15.06	QP			

Above 1GHz



ACCURATE TECHNOLOGY CO., LTD.

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

Site: 1# Chamber

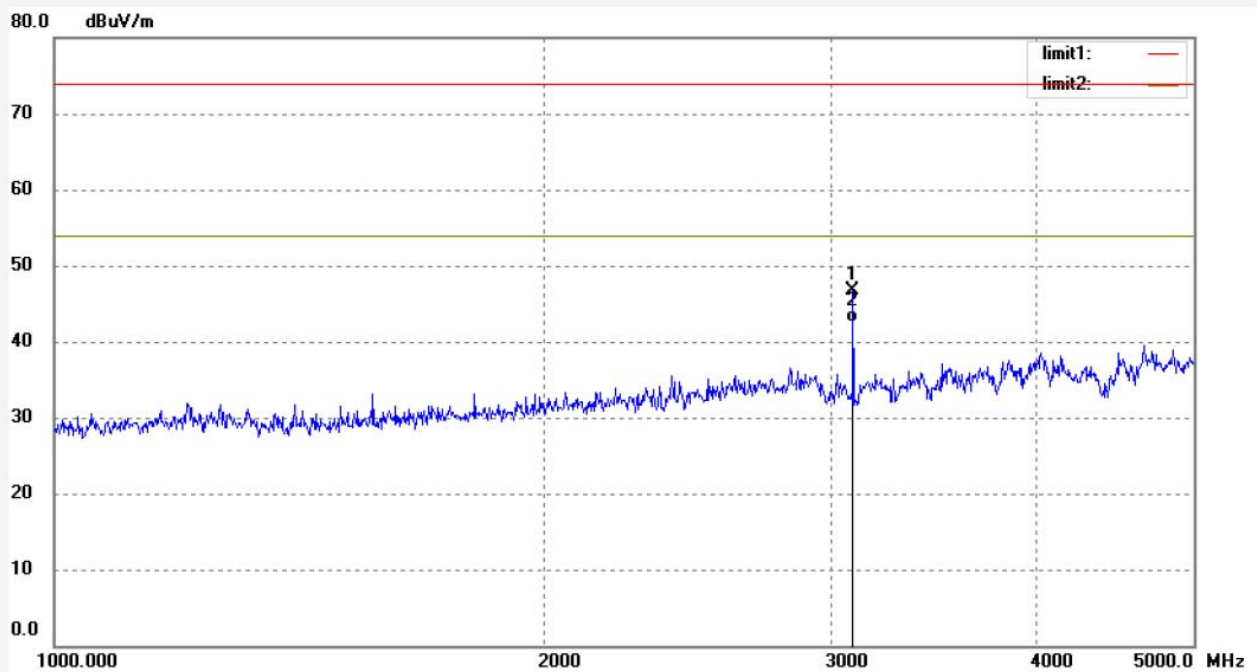
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1422
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: MIC IN
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:43:23
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	3091.170	51.96	-5.35	46.61	74.00	-27.39	peak			
2	3091.170	47.90	-5.35	42.55	54.00	-11.45	AVG			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1421

Standard: FCC PK

Test item: Radiation Test

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

EUT: SPEAKER

Mode: MIC IN

Model: TQ-KY21501

Manufacturer: TQL TRADING INC

Polarization: Vertical

Power Source: AC 120V/60Hz

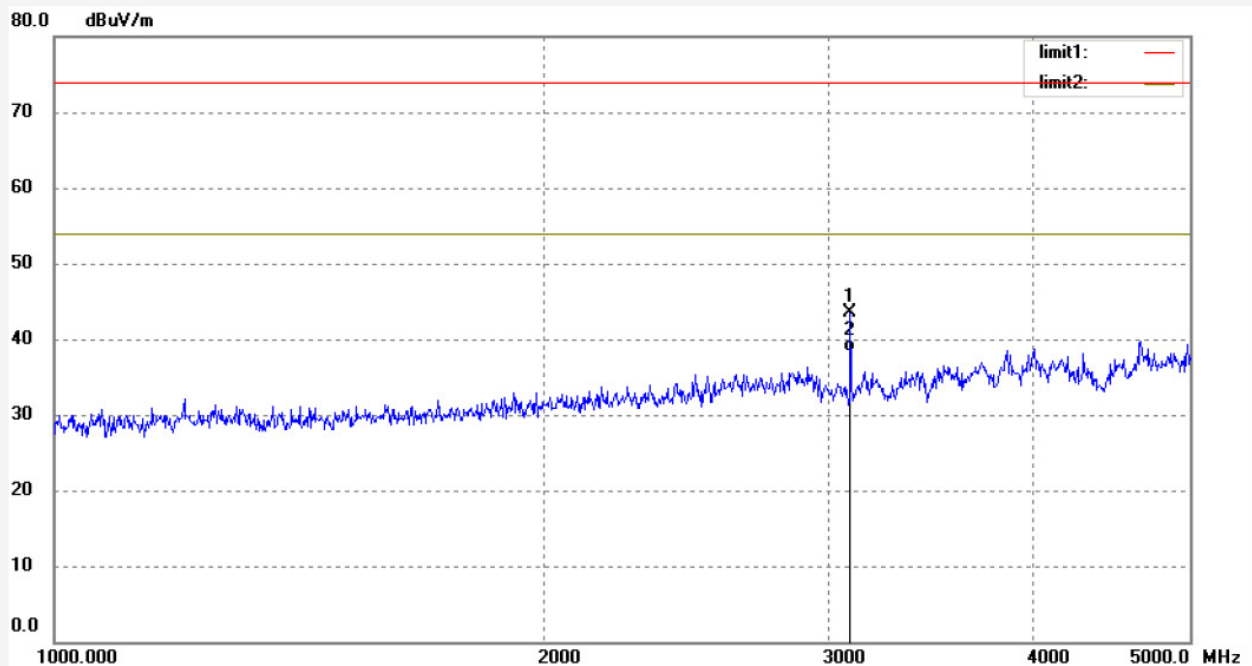
Date: 2016/07/05

Time: 17:40:20

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	3091.170	48.78	-5.35	43.43	74.00	-30.57	peak			
2	3091.170	43.61	-5.35	38.26	54.00	-15.74	AVG			

Test mode 7

Below 1GHz



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Site: 1# Chamber

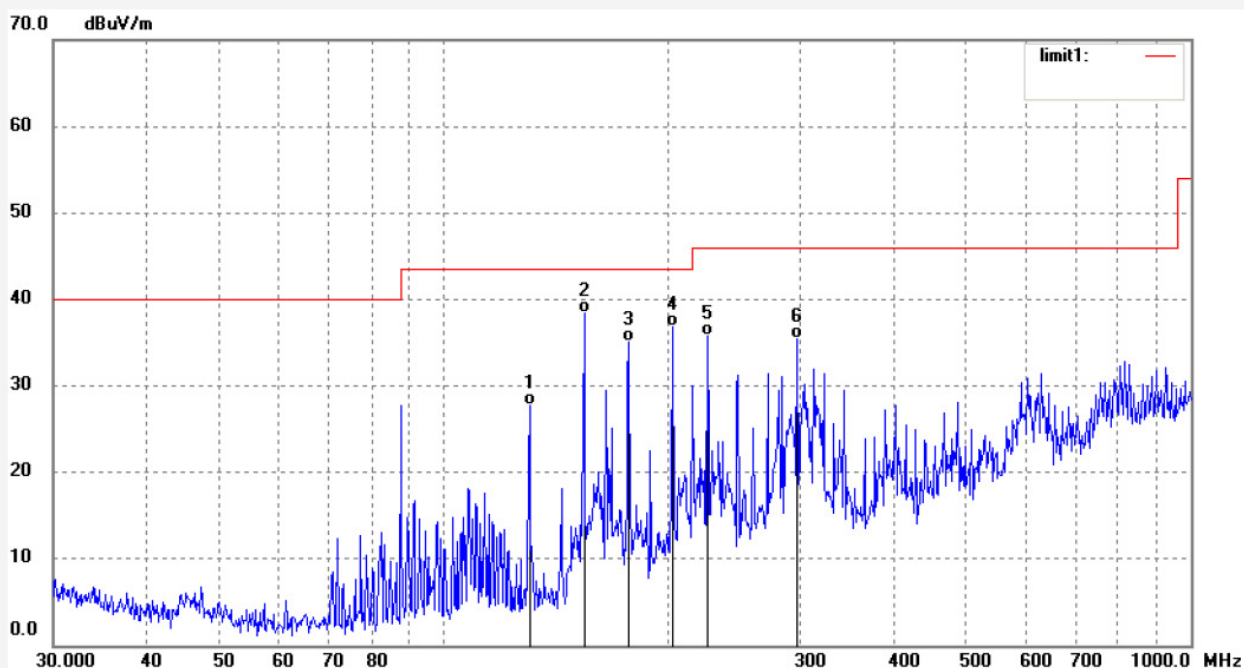
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1435
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: FM RX(88.1MHz)
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 17:16:24
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	49.50	-21.74	27.76	43.50	-15.74	QP			
2	154.2427	60.34	-21.95	38.39	43.50	-5.11	QP			
3	176.8951	55.74	-20.62	35.12	43.50	-8.38	QP			
4	202.8745	55.44	-18.60	36.84	43.50	-6.66	QP			
5	225.4267	54.16	-18.35	35.81	46.00	-10.19	QP			
6	297.5459	51.79	-16.33	35.46	46.00	-10.54	QP			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2016 #1436

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: SPEAKER

Mode: FM RX(88.1MHz)

Model: TQ-KY21501

Manufacturer: TQL TRADING INC

Polarization: Vertical

Power Source: AC 120V/60Hz

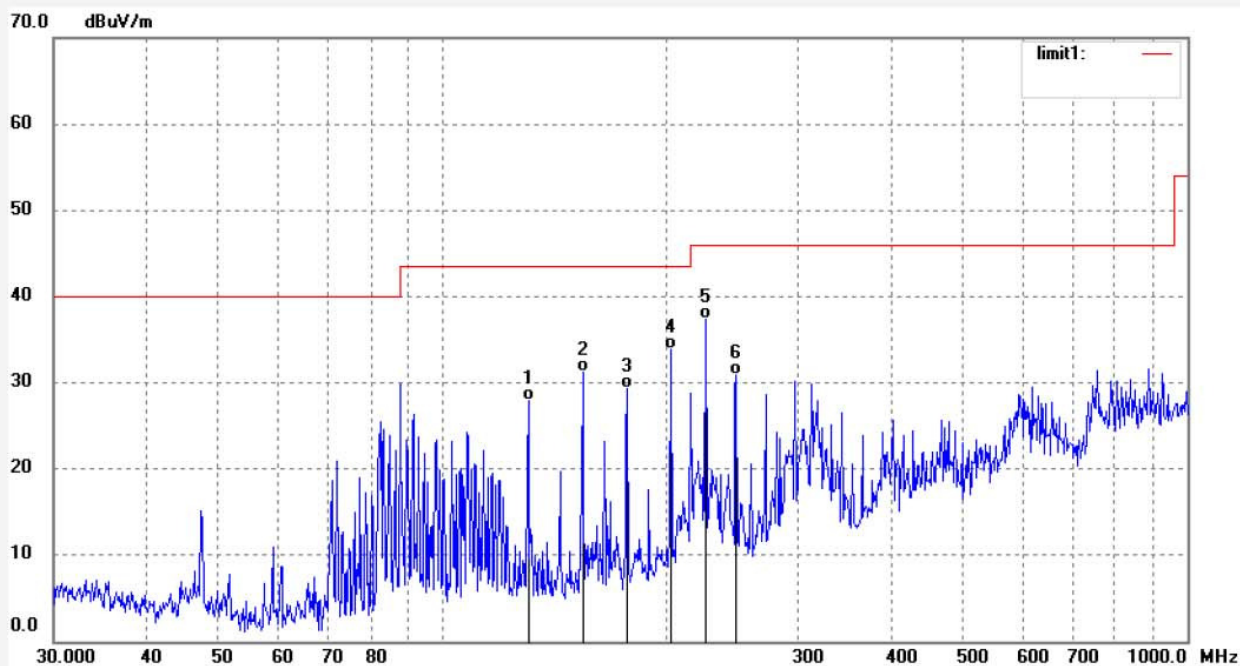
Date: 2016/07/05

Time: 17:20:13

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	49.64	-21.74	27.90	43.50	-15.60	QP			
2	154.2427	53.13	-21.95	31.18	43.50	-12.32	QP			
3	176.8951	50.01	-20.62	29.39	43.50	-14.11	QP			
4	202.8745	52.49	-18.60	33.89	43.50	-9.61	QP			
5	225.4267	55.75	-18.35	37.40	46.00	-8.60	QP			
6	247.8592	49.13	-18.19	30.94	46.00	-15.06	QP			

Above 1GHz



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Site: 1# Chamber

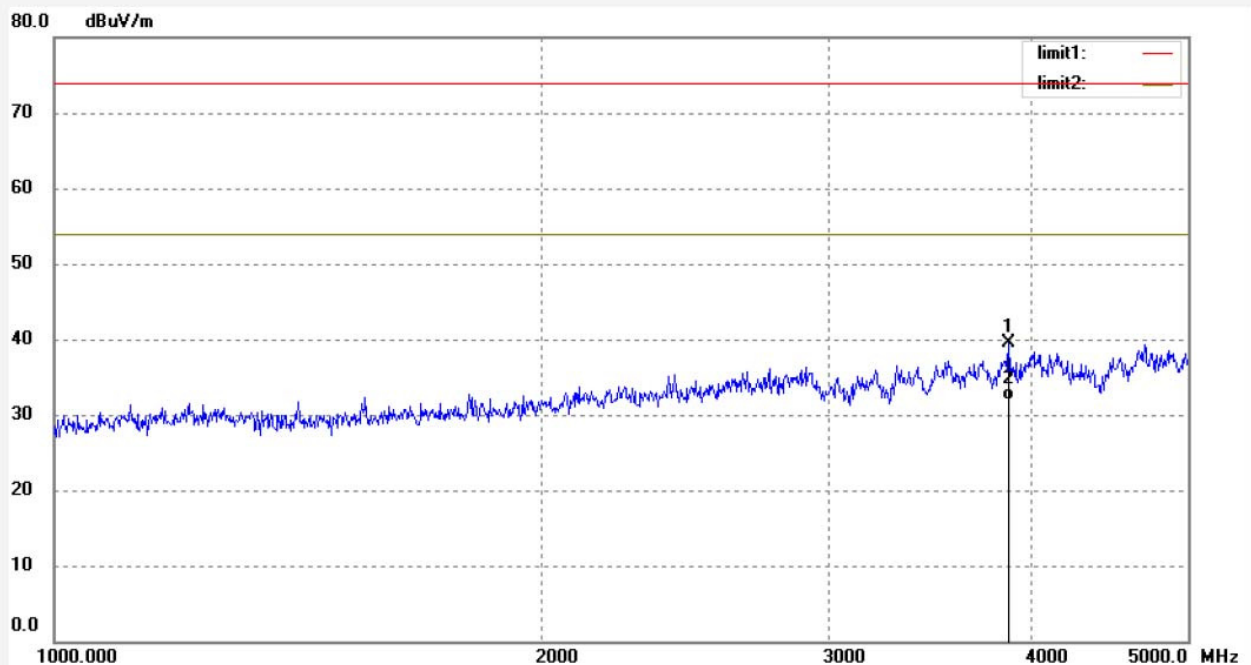
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1438
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: SPEAKER
Mode: FM RX(88.1MHz)
Model: TQ-KY21501
Manufacturer: TQL TRADING INC

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016/07/05
Time: 18:03:18
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	3877.656	42.31	-2.81	39.50	74.00	-34.50	peak			
2	3877.656	34.62	-2.81	31.81	54.00	-22.19	AVG			



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #1439

Standard: FCC PK

Test item: Radiation Test

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

EUT: SPEAKER

Mode: FM RX(88.1MHz)

Model: TQ-KY21501

Manufacturer: TQL TRADING INC

Polarization: Vertical

Power Source: AC 120V/60Hz

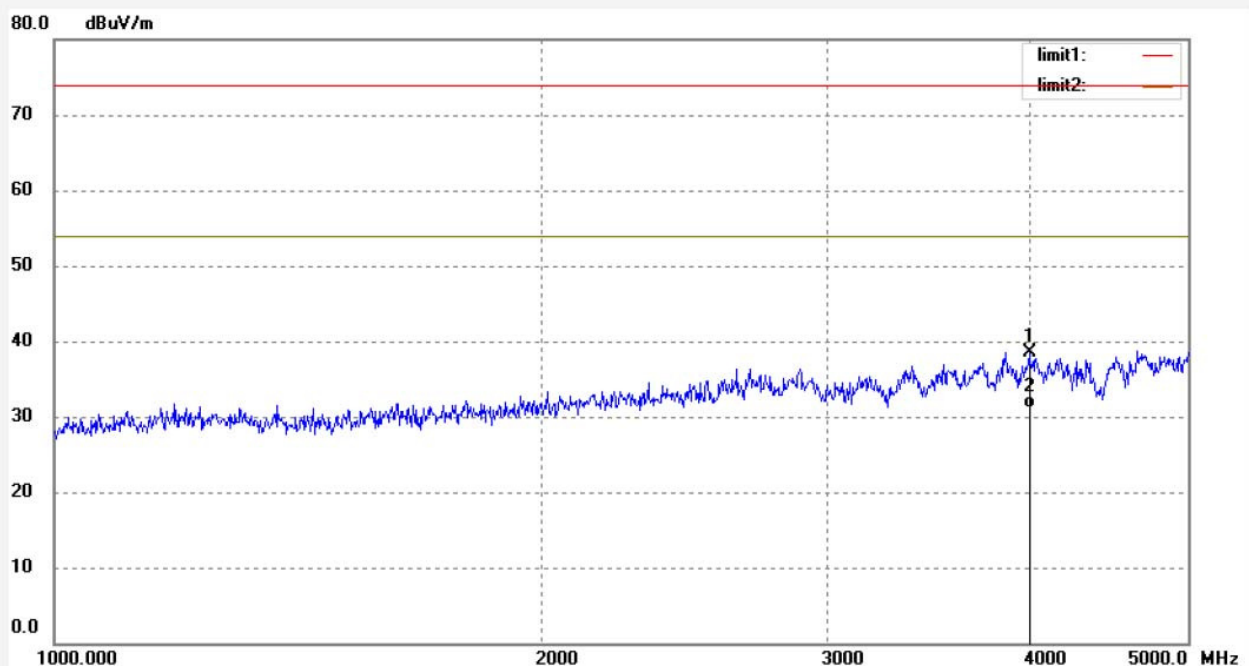
Date: 2016/07/05

Time: 17:59:18

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20161345



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	3992.333	41.02	-2.51	38.51	74.00	-35.49	peak			
2	3992.333	33.67	-2.51	31.16	54.00	-22.84	AVG			

6. PHOTOGRAPHS

6.1.Photos of Radiated Emission Measurement



6.2.Photo of Conducted Emission Measurement



7. PHOTO OF EUT









