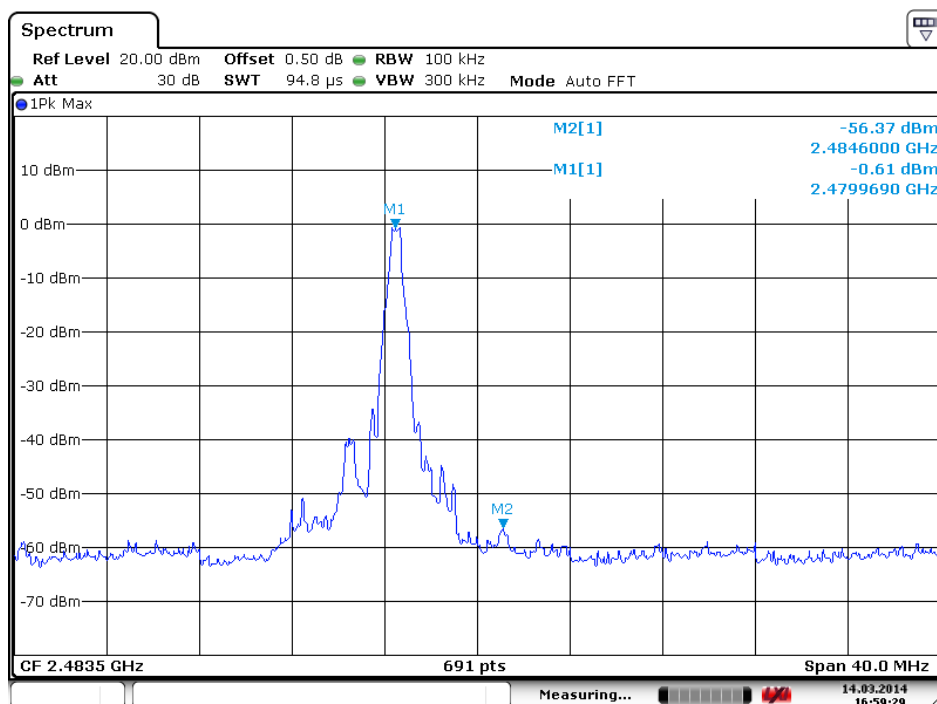
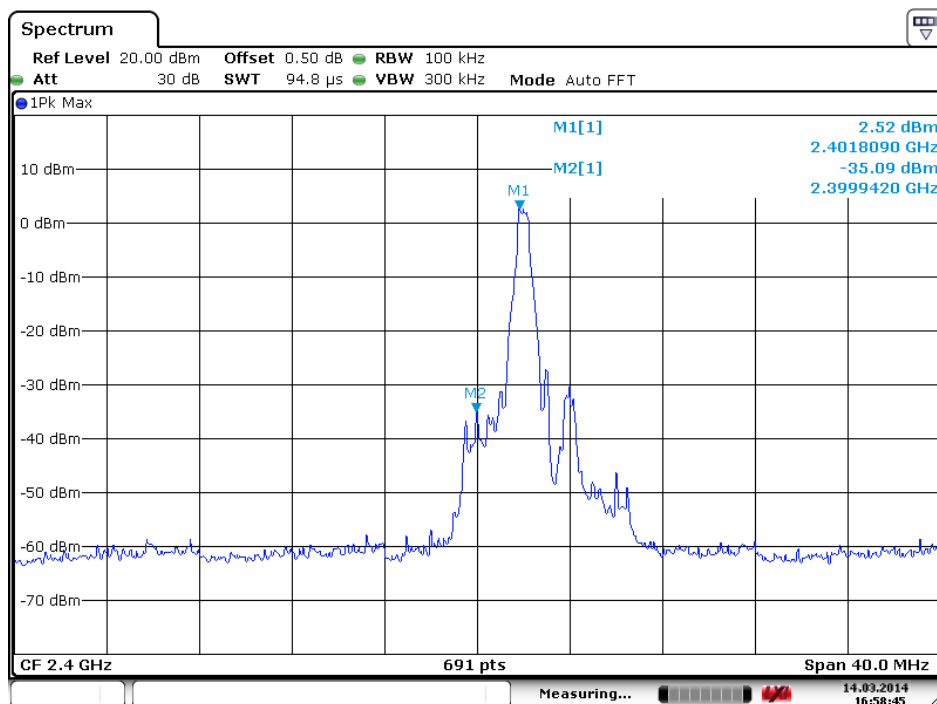
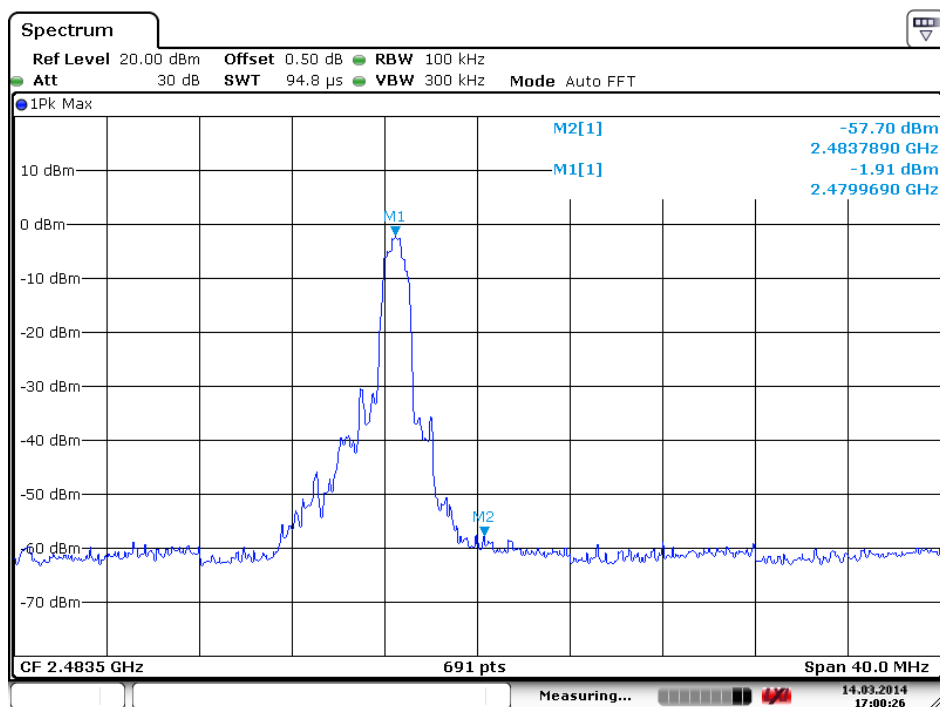
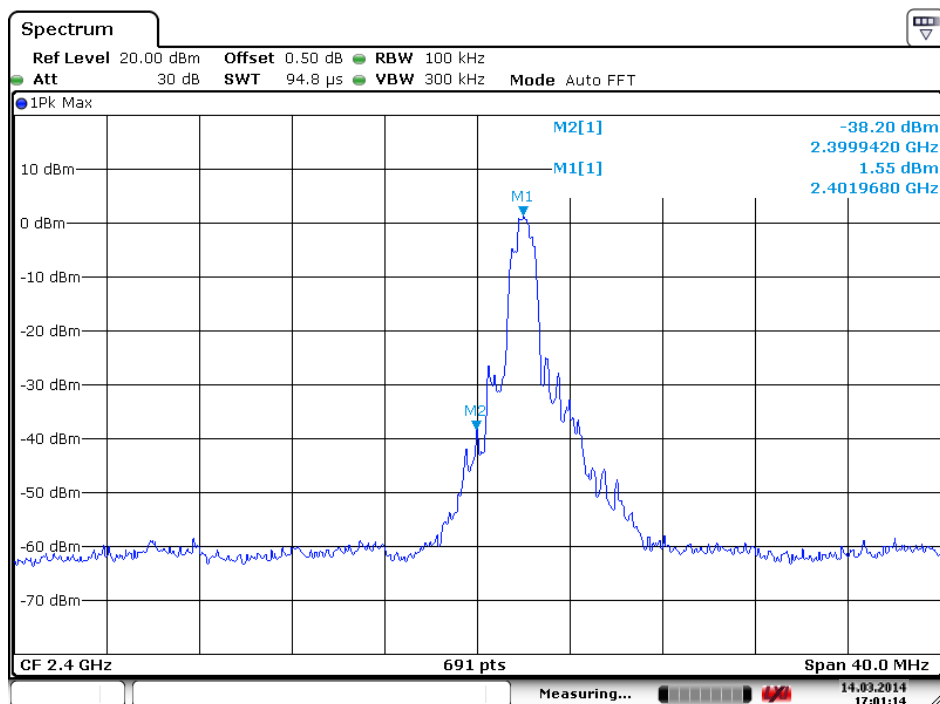


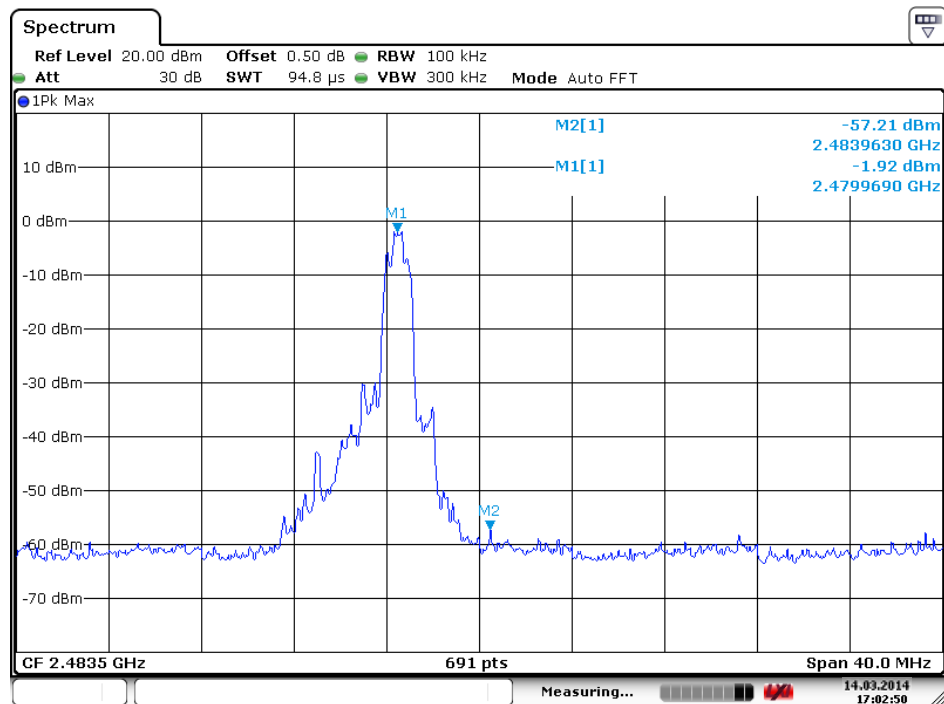
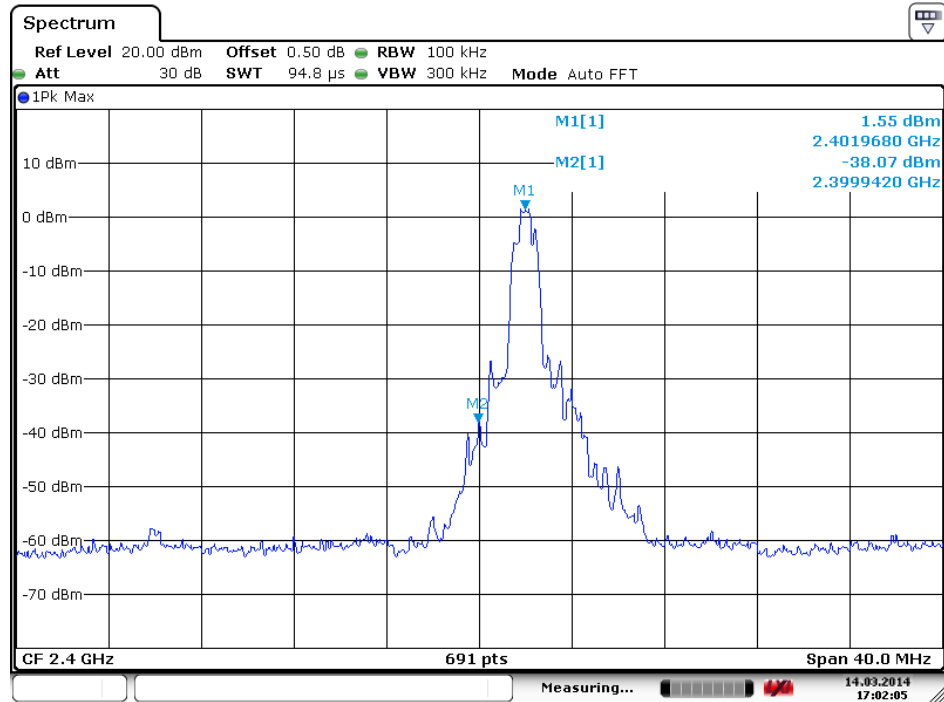
GFSK



Π/4-DQPSK Mode



8DPSK



Radiated Band Edge Result

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

3. Display the measurement of peak values.

Non-hopping mode



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Job No.: alen #3604

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2402MHz(GFSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

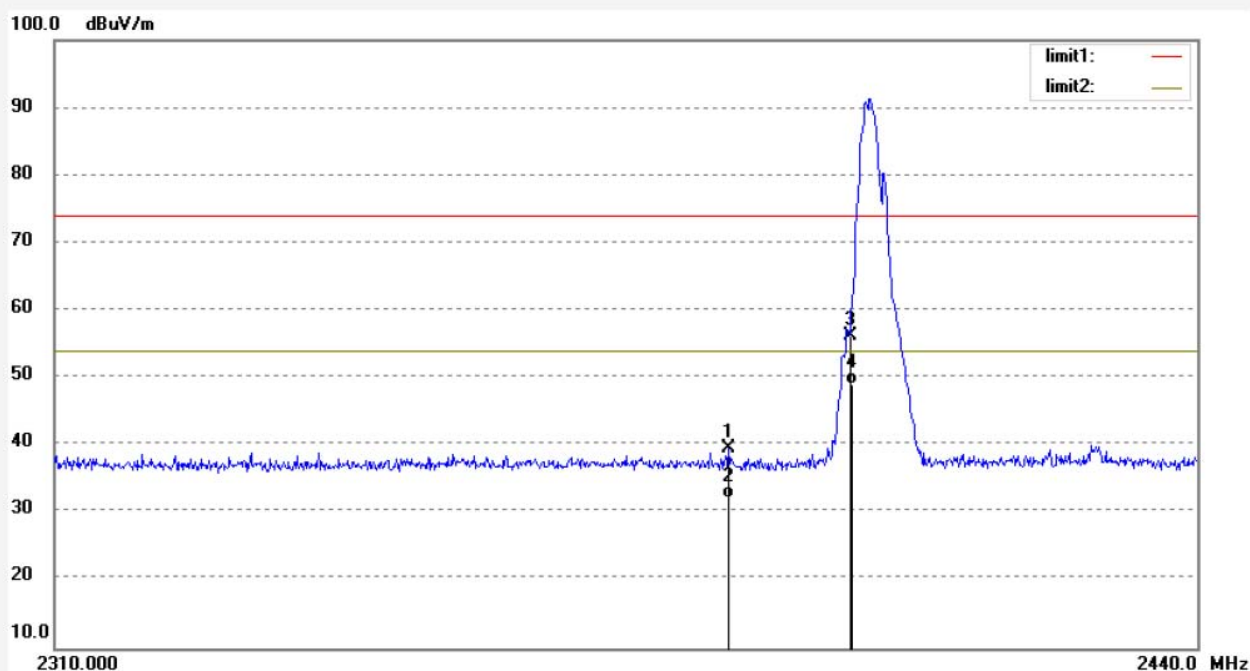
Date: 14/13/01/

Time: 9/53/59

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2385.920	46.35	-6.80	39.55	74.00	-34.45	peak			
2	2385.920	38.87	-6.80	32.07	54.00	-21.93	AVG			
3	2400.000	63.08	-6.76	56.32	74.00	-17.68	peak			
4	2400.000	55.78	-6.76	49.02	54.00	-4.98	AVG			

Job No.: alen #3605

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2402MHz(GFSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

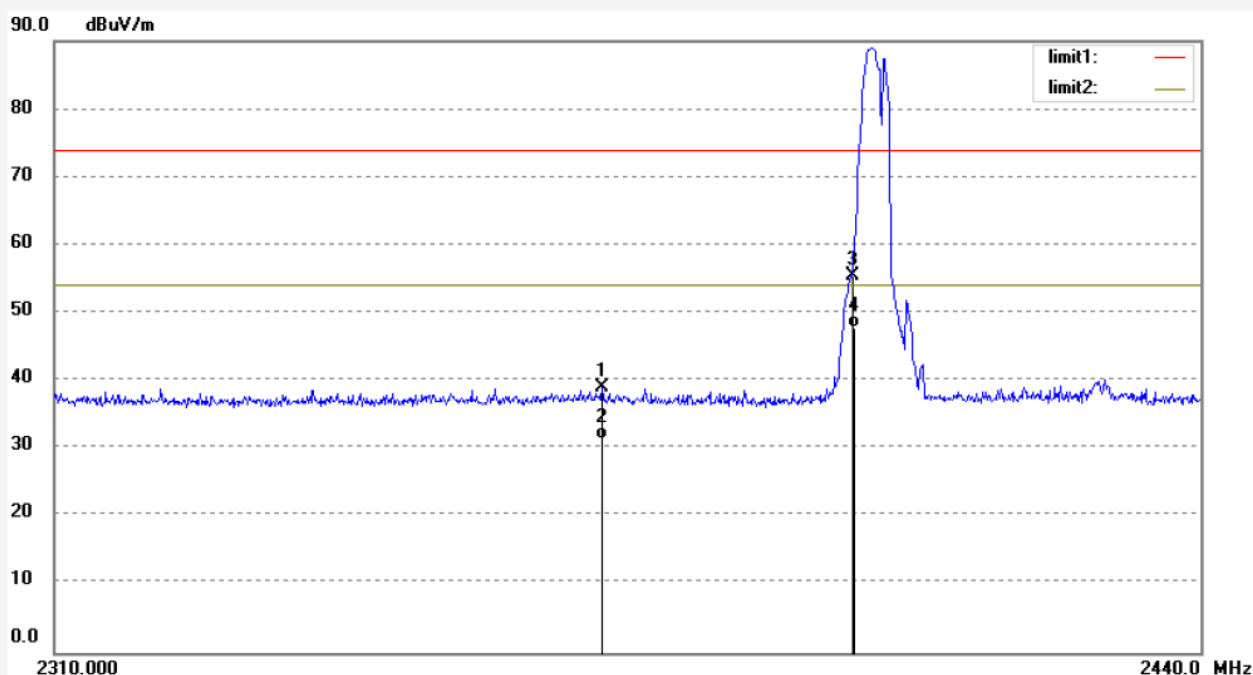
Date: 14/13/01/

Time: 9/55/03

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2371.360	45.78	-6.82	38.96	74.00	-35.04	peak			
2	2371.360	38.24	-6.82	31.42	54.00	-22.58	AVG			
3	2400.000	62.19	-6.76	55.43	74.00	-18.57	peak			
4	2400.000	54.57	-6.76	47.81	54.00	-6.19	AVG			



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Job No.: alen #3602

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2480MHz(GFSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

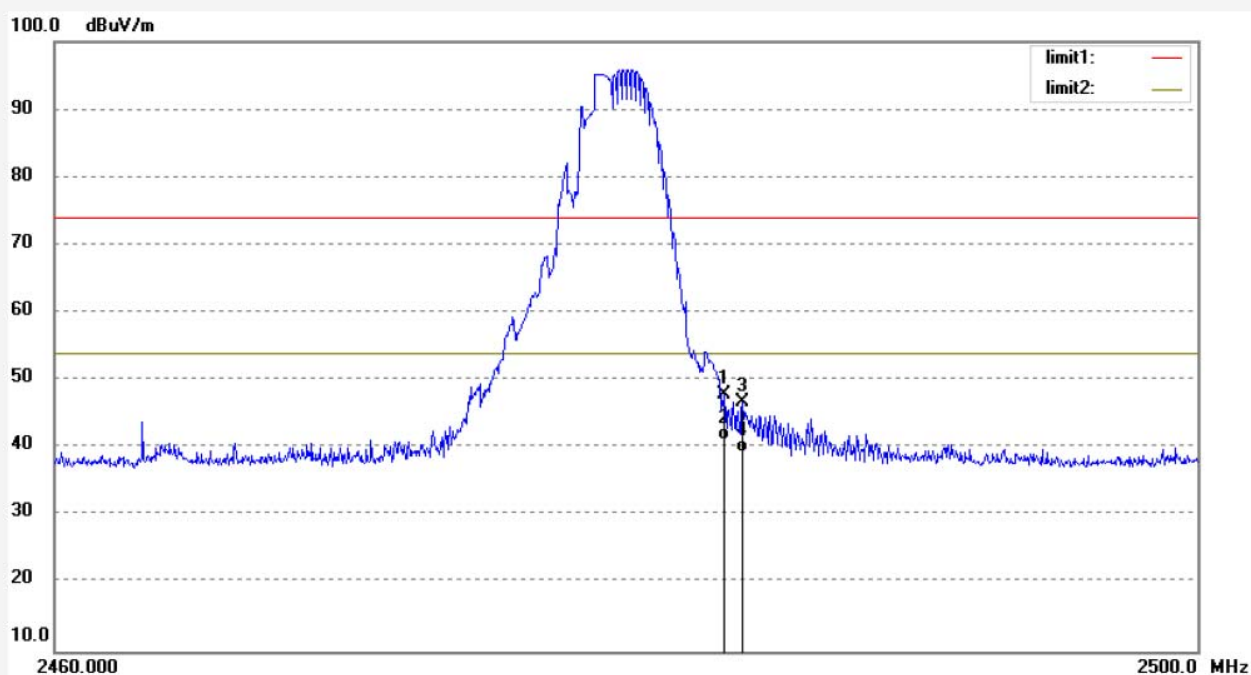
Date: 14/13/01/

Time: 9/50/41

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	54.49	-6.54	47.95	74.00	-26.05	peak			
2	2483.500	47.68	-6.54	41.14	54.00	-12.86	AVG			
3	2484.040	53.28	-6.54	46.74	74.00	-27.26	peak			
4	2484.040	46.01	-6.54	39.47	54.00	-14.53	AVG			

Job No.: alen #3603

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2480MHz(GFSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

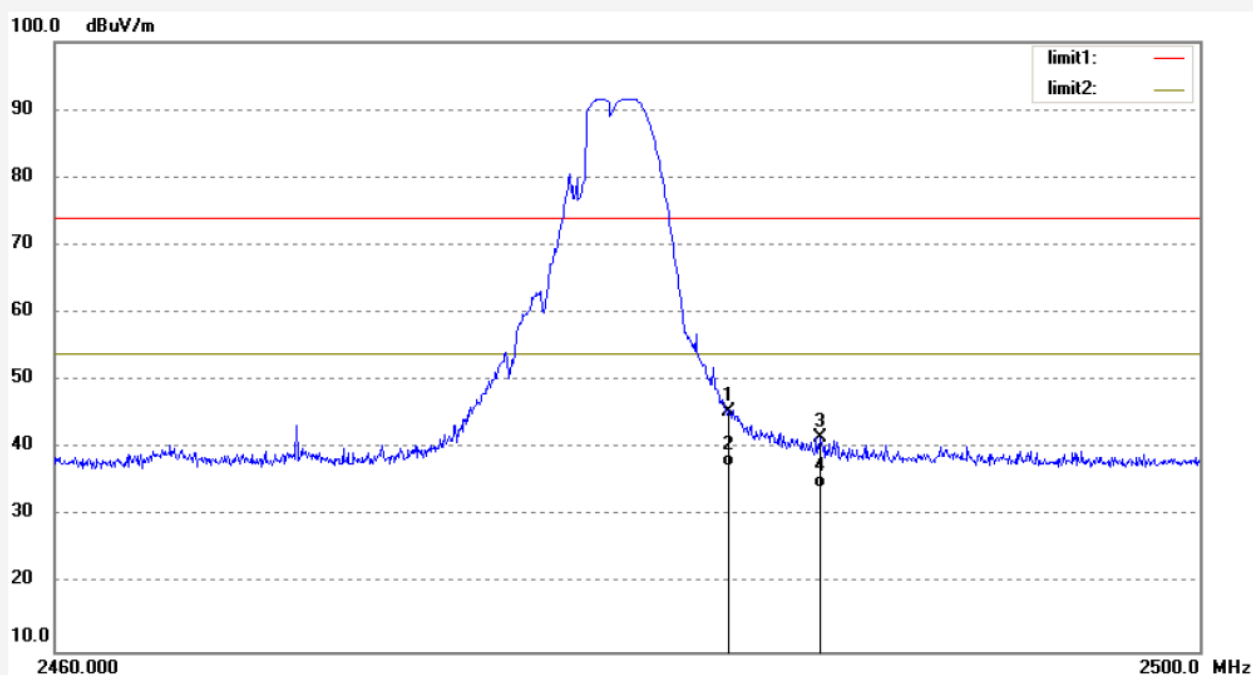
Date: 14/13/01/

Time: 9/52/11

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	51.98	-6.54	45.44	74.00	-28.56	peak			
2	2483.500	43.89	-6.54	37.35	54.00	-16.65	AVG			
3	2486.720	48.23	-6.53	41.70	74.00	-32.30	peak			
4	2486.720	40.68	-6.53	34.15	54.00	-19.85	AVG			

Job No.: alen #3626

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2402MHz(pi/4DQPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

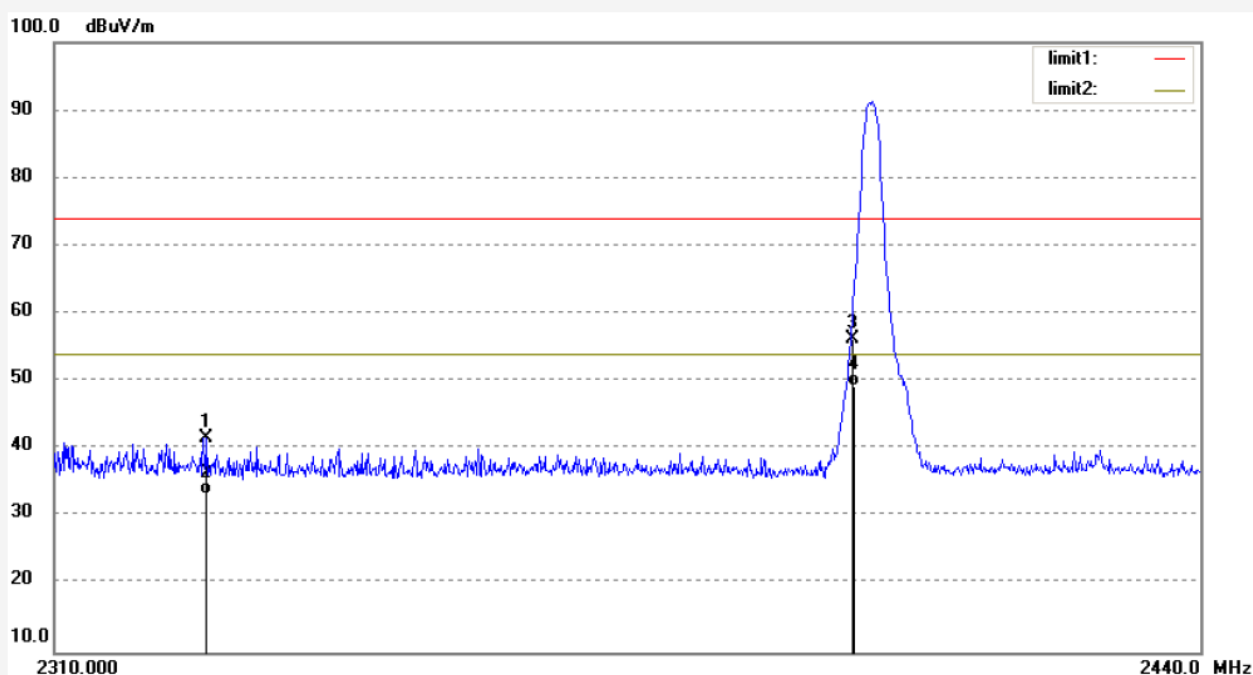
Date: 14/13/04/

Time: 9/05/12

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2326.900	48.65	-6.95	41.70	74.00	-32.30	peak			
2	2326.900	40.35	-6.95	33.40	54.00	-20.60	AVG			
3	2400.000	63.01	-6.76	56.25	74.00	-17.75	peak			
4	2400.000	56.10	-6.76	49.34	54.00	-4.66	AVG			

Job No.: alen #3625

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2402MHz(pi/4DQPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

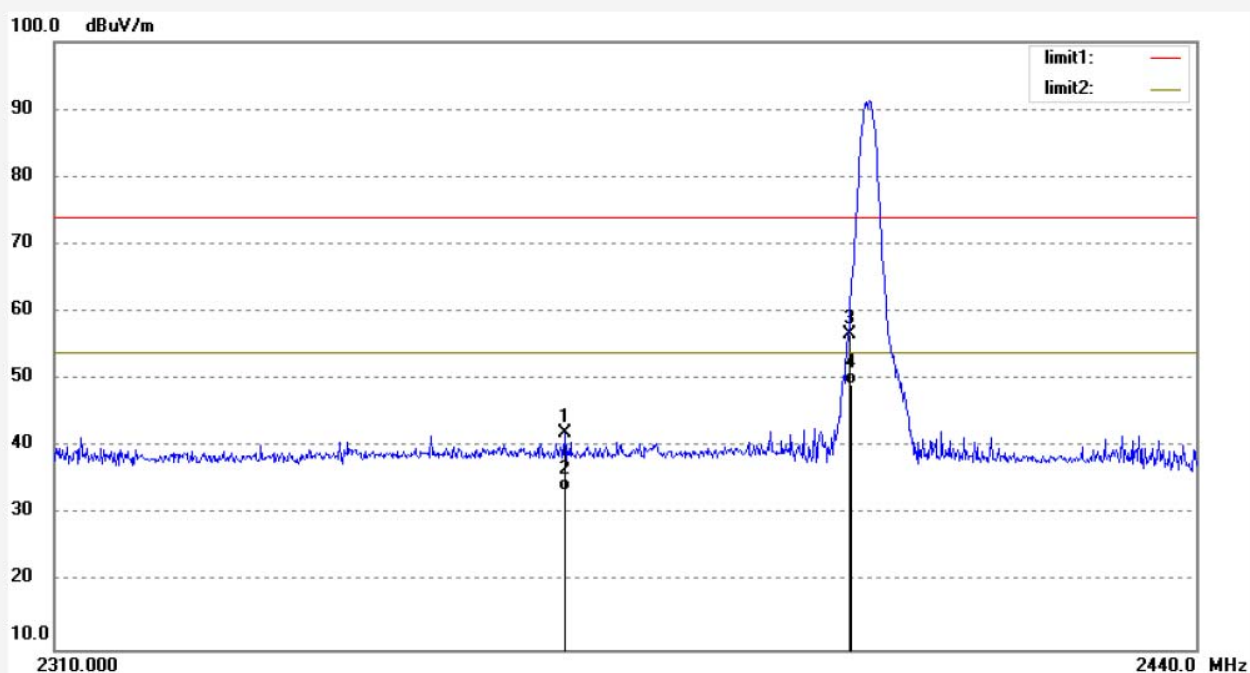
Date: 14/13/04/

Time: 9/04/05

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2367.330	48.78	-6.83	41.95	74.00	-32.05	peak			
2	2367.330	40.35	-6.83	33.52	54.00	-20.48	AVG			
3	2400.000	63.47	-6.76	56.71	74.00	-17.29	peak			
4	2400.000	56.10	-6.76	49.34	54.00	-4.66	AVG			

Job No.: alen #3627

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2480MHz(pi/4DQPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

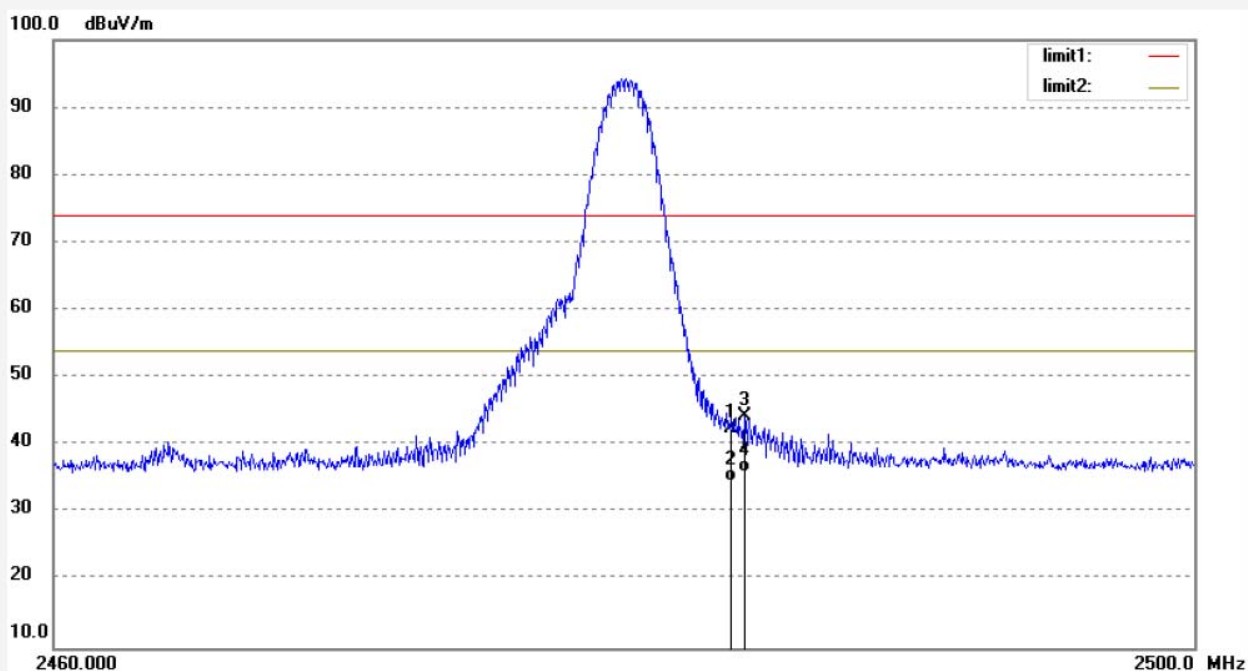
Date: 14/13/04/

Time: 9/06/39

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	49.08	-6.54	42.54	74.00	-31.46	peak			
2	2483.500	41.24	-6.54	34.70	54.00	-19.30	AVG			
3	2484.200	50.89	-6.54	44.35	74.00	-29.65	peak			
4	2484.200	42.56	-6.54	36.02	54.00	-17.98	AVG			

Job No.: alen #3628

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2480MHz(pi/4DQPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

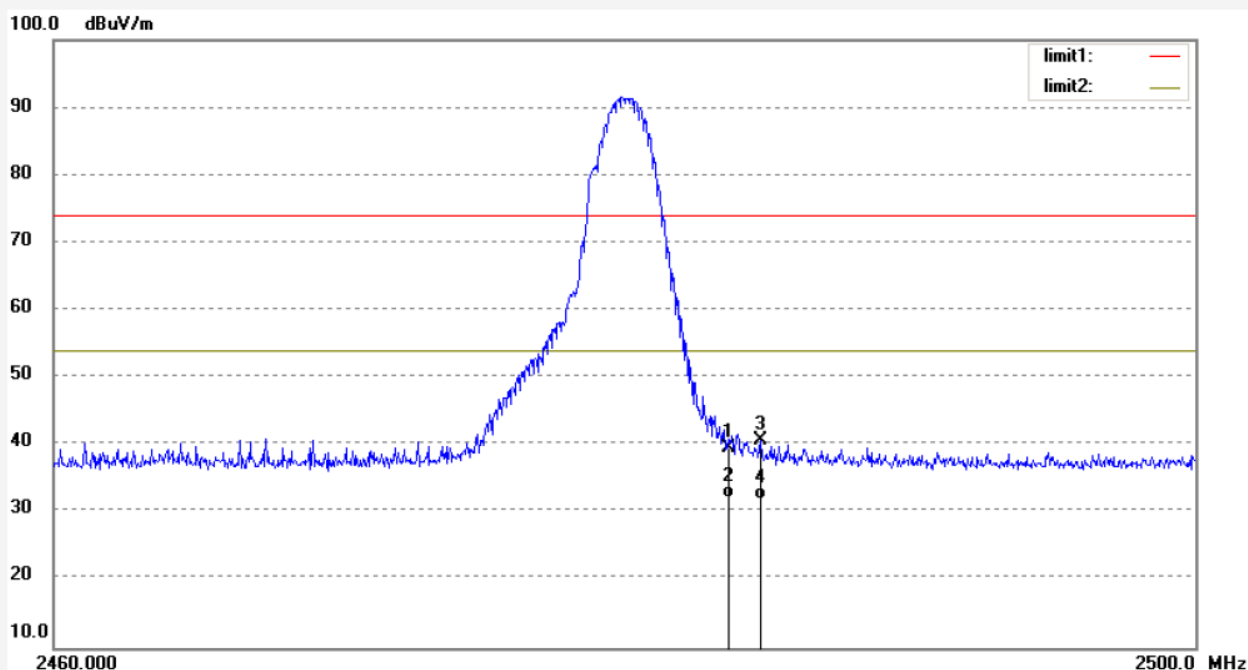
Date: 14/13/04/

Time: 9/08/06

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.15	-6.54	39.61	74.00	-34.39	peak			
2	2483.500	38.78	-6.54	32.24	54.00	-21.76	AVG			
3	2484.720	47.16	-6.54	40.62	74.00	-33.38	peak			
4	2484.720	38.54	-6.54	32.00	54.00	-22.00	AVG			

Job No.: alen #3618

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2402MHz(8DPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

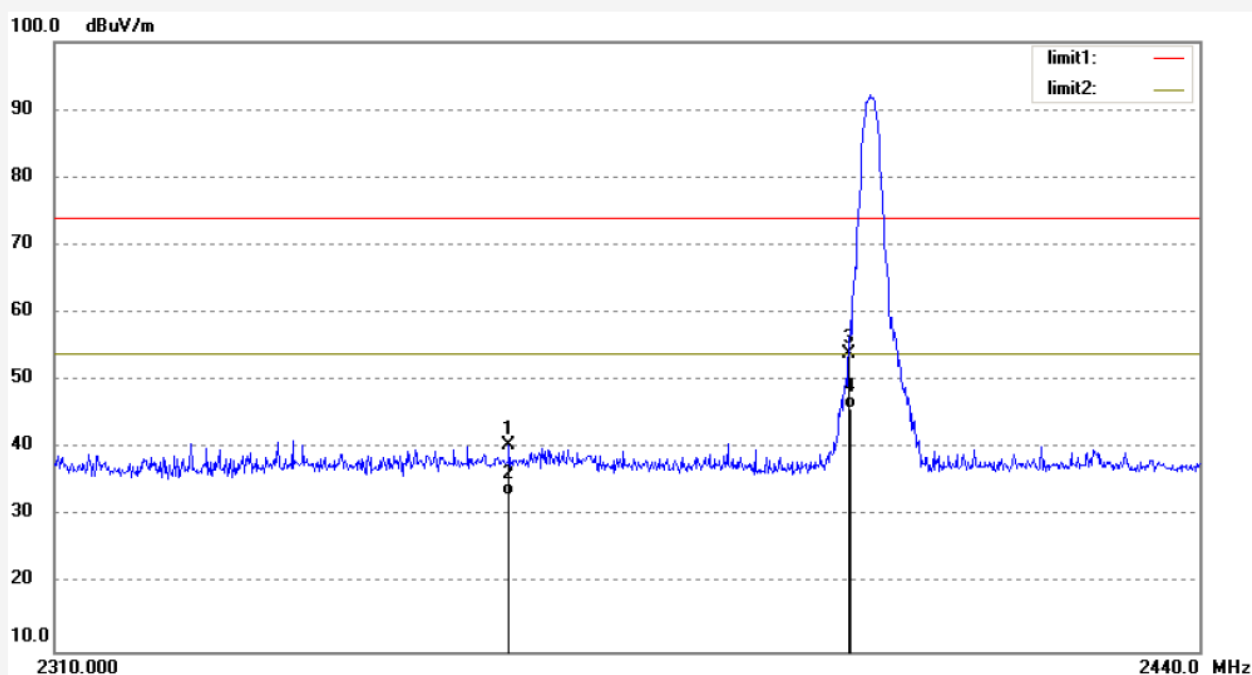
Date: 14/03/14/

Time: 8/43/01

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140163



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2360.830	47.36	-6.86	40.50	74.00	-33.50	peak			
2	2360.830	40.01	-6.86	33.15	54.00	-20.85	AVG			
3	2400.000	60.73	-6.76	53.97	74.00	-20.03	peak			
4	2400.000	52.54	-6.76	45.78	54.00	-8.22	AVG			

Job No.: alen #3617

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2402MHz(8DPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

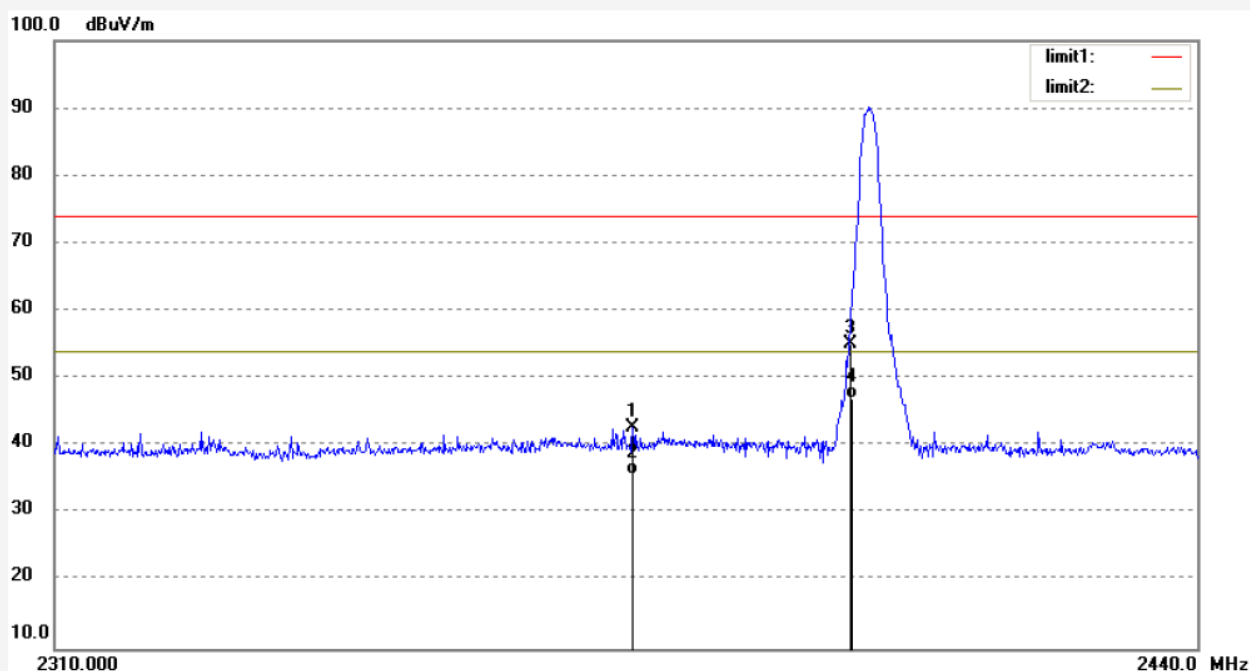
Date: 14/13/04/

Time: 8/41/27

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2375.000	49.62	-6.83	42.79	74.00	-31.21	peak			
2	2375.000	42.51	-6.83	35.68	54.00	-18.32	AVG			
3	2400.000	61.78	-6.76	55.02	74.00	-18.98	peak			
4	2400.000	53.87	-6.76	47.11	54.00	-6.89	AVG			

Job No.: alen #3619

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2480MHz(8DPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

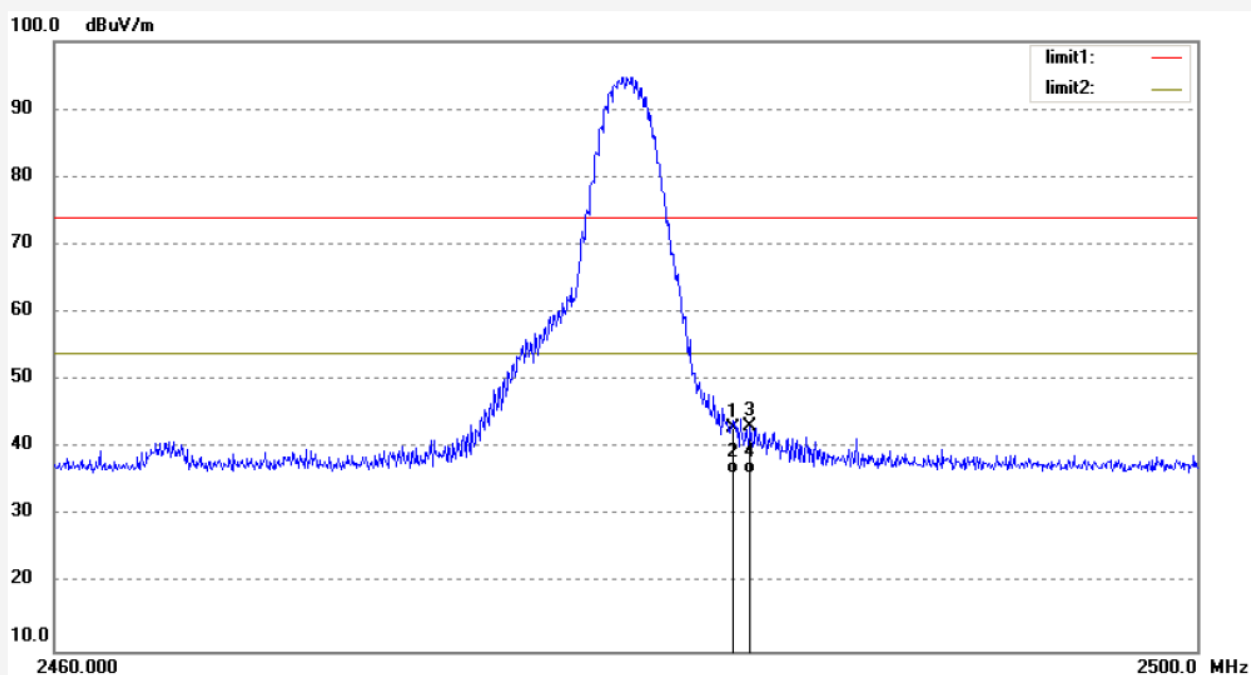
Date: 14/13/04/

Time: 8/44/57

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	49.59	-6.54	43.05	74.00	-30.95	peak			
2	2483.500	42.65	-6.54	36.11	54.00	-17.89	AVG			
3	2484.320	49.68	-6.54	43.14	74.00	-30.86	peak			
4	2484.320	42.74	-6.54	36.20	54.00	-17.80	AVG			



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Job No.: alen #3620

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: TX 2480MHz(8DPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

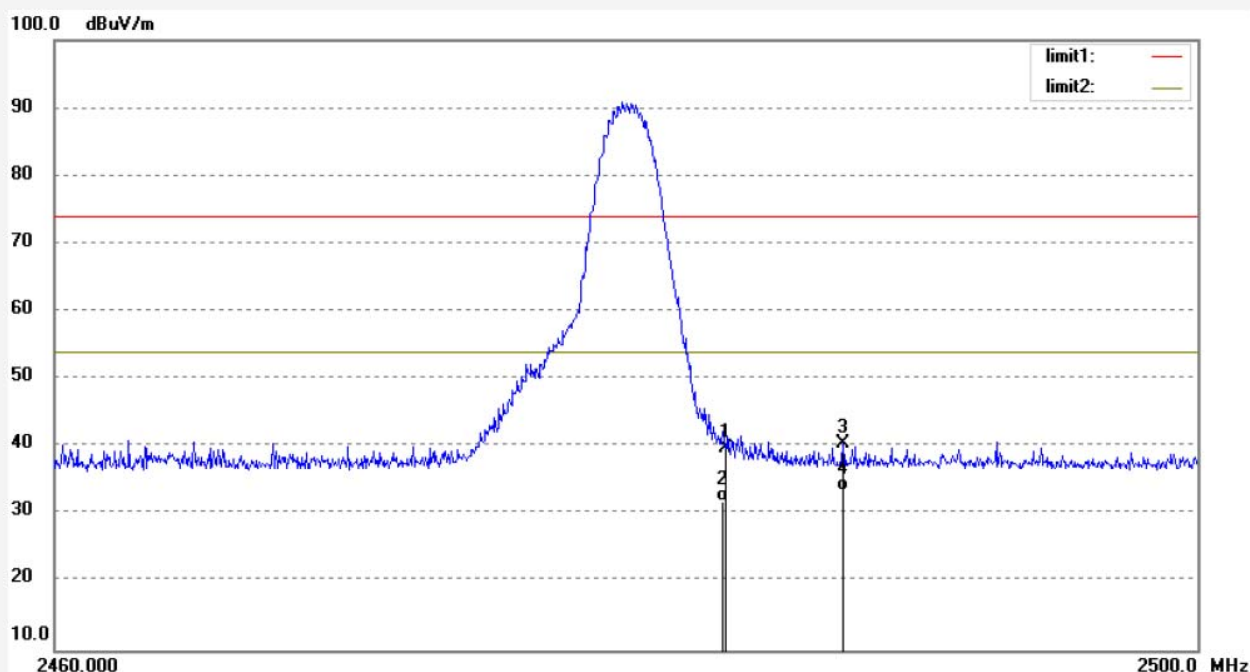
Date: 14/13/04/

Time: 8/46/20

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.27	-6.54	39.73	74.00	-34.27	peak			
2	2483.500	38.54	-6.54	32.00	54.00	-22.00	AVG			
3	2487.560	47.11	-6.52	40.59	74.00	-33.41	peak			
4	2487.560	39.98	-6.52	33.46	54.00	-20.54	AVG			

Hopping mode



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Job No.: alen #3608

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: Hopping TX(GFSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

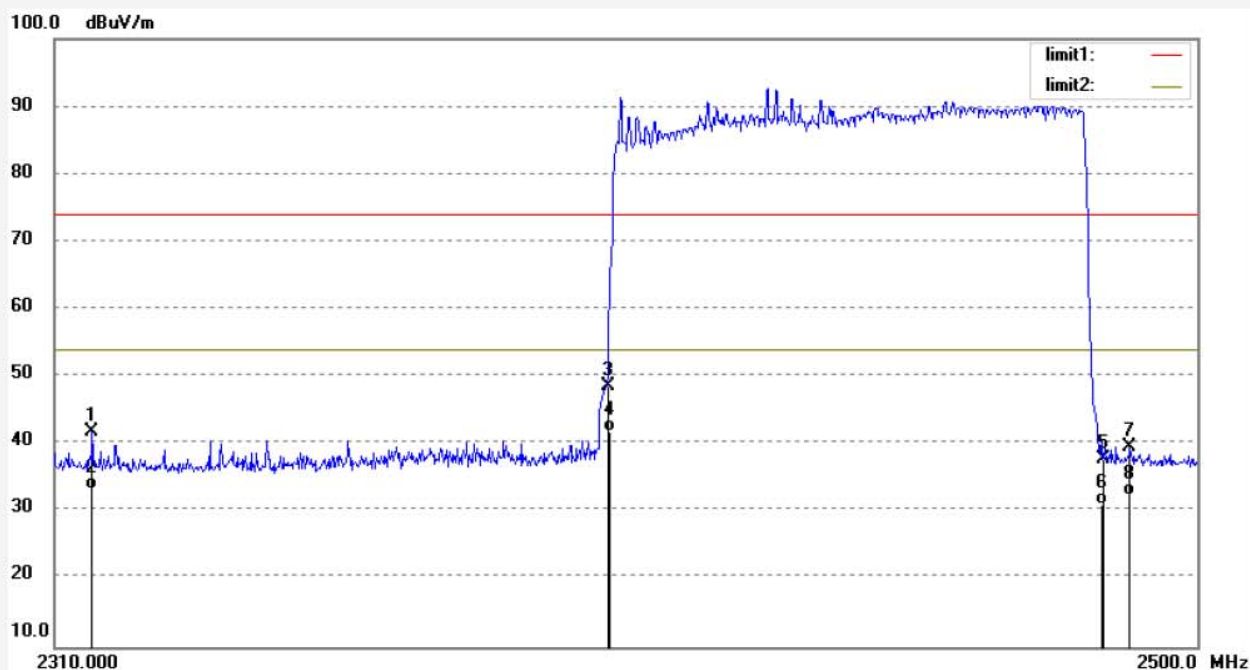
Date: 14/03/11/

Time: 15/38/05

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2316.080	48.79	-6.97	41.82	74.00	-32.18	peak			
2	2316.080	40.35	-6.97	33.38	54.00	-20.62	AVG			
3	2400.000	55.37	-6.76	48.61	74.00	-25.39	peak			
4	2400.000	48.65	-6.76	41.89	54.00	-12.11	AVG			
5	2483.660	44.29	-6.54	37.75	74.00	-36.25	peak			
6	2483.660	37.65	-6.54	31.11	54.00	-22.89	AVG			
7	2488.500	46.03	-6.52	39.51	74.00	-34.49	peak			
8	2488.500	38.87	-6.52	32.35	54.00	-21.65	AVG			



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Job No.: alen #3607

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: Hopping TX(GFSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

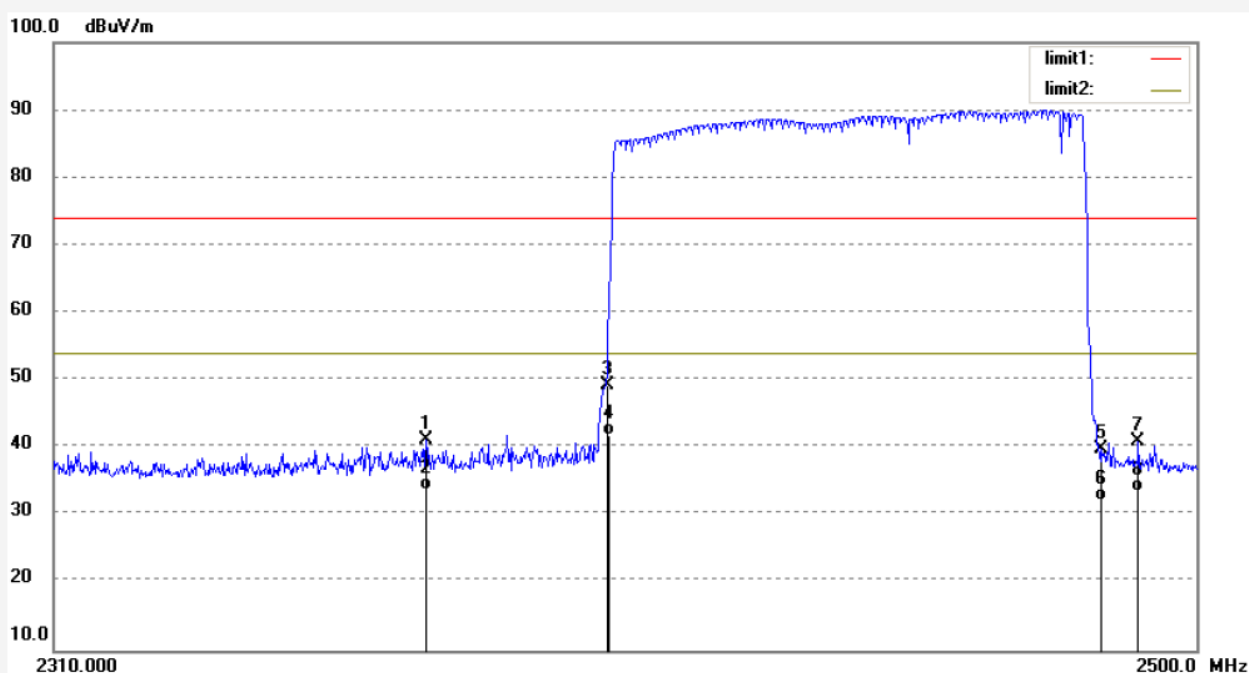
Date: 14/03/11/

Time: 15/33/06

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2370.420	47.96	-6.83	41.13	74.00	-32.87	peak			
2	2370.420	40.57	-6.83	33.74	54.00	-20.26	AVG			
3	2400.000	56.11	-6.76	49.35	74.00	-24.65	peak			
4	2400.000	48.68	-6.76	41.92	54.00	-12.08	AVG			
5	2483.500	46.40	-6.54	39.86	74.00	-34.14	peak			
6	2483.500	38.78	-6.54	32.24	54.00	-21.76	AVG			
7	2490.120	47.55	-6.52	41.03	74.00	-32.97	peak			
8	2490.120	40.12	-6.52	33.60	54.00	-20.40	AVG			

Job No.: alen #3623

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: Hopping TX(pi/4DQPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

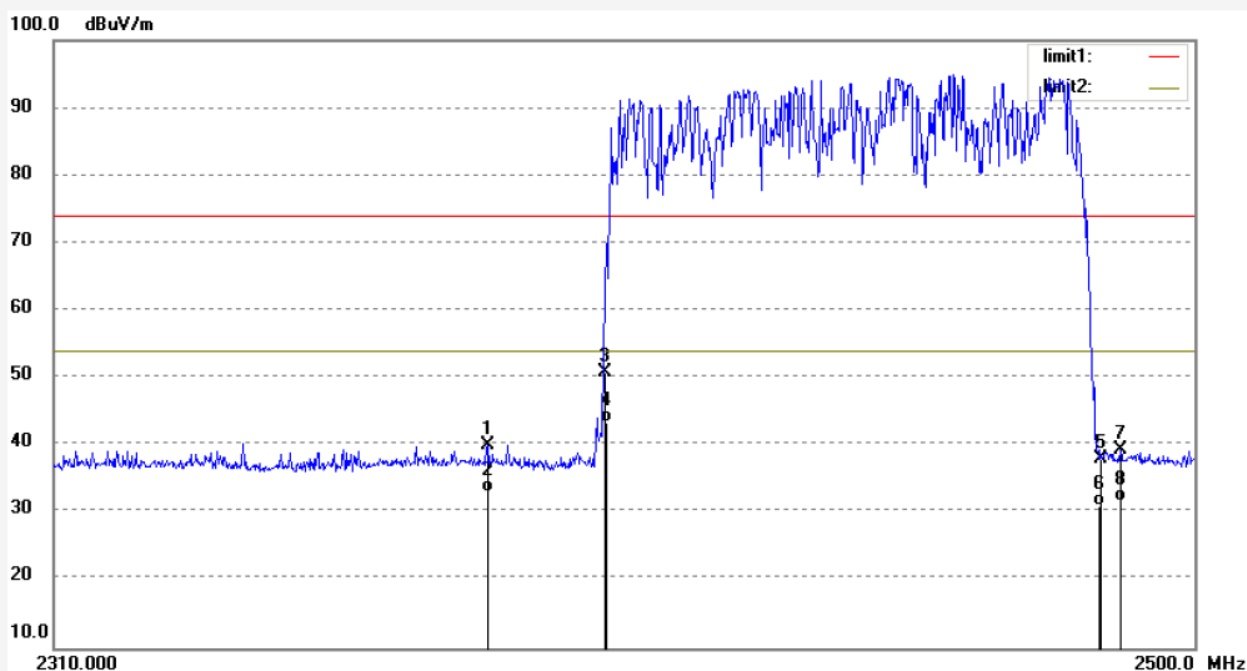
Date: 14/03/12/

Time: 8/59/45

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2380.680	46.89	-6.81	40.08	74.00	-33.92	peak			
2	2380.680	39.87	-6.81	33.06	54.00	-20.94	AVG			
3	2400.000	57.64	-6.76	50.88	74.00	-23.12	peak			
4	2400.000	50.24	-6.76	43.48	54.00	-10.52	AVG			
5	2483.500	44.55	-6.54	38.01	74.00	-35.99	peak			
6	2483.500	37.65	-6.54	31.11	54.00	-22.89	AVG			
7	2487.270	45.86	-6.53	39.33	74.00	-34.67	peak			
8	2487.270	38.28	-6.53	31.75	54.00	-22.25	AVG			



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Job No.: alen #3624

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: Hopping TX(pi/4DQPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

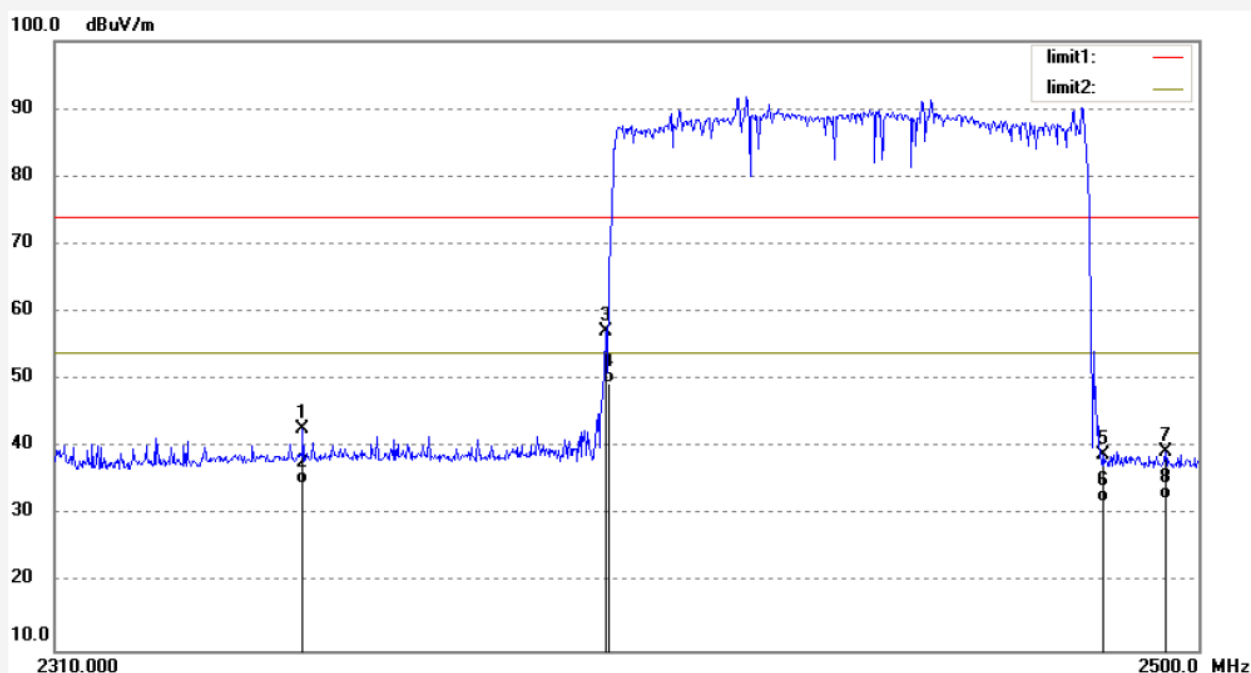
Date: 14/03/12/

Time: 9/02/36

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2350.090	49.72	-6.89	42.83	74.00	-31.17	peak			
2	2350.090	41.58	-6.89	34.69	54.00	-19.31	AVG			
3	2400.000	63.97	-6.76	57.21	74.00	-16.79	peak			
4	2400.000	56.21	-6.76	49.45	54.00	-4.55	AVG			
5	2483.500	45.38	-6.54	38.84	74.00	-35.16	peak			
6	2483.500	38.54	-6.54	32.00	54.00	-22.00	AVG			
7	2494.300	45.90	-6.50	39.40	74.00	-34.60	peak			
8	2494.300	38.87	-6.50	32.37	54.00	-21.63	AVG			



ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber

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Fax:+86-0755-26503396

Job No.: alen #3622

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: Hopping TX(8DPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Horizontal

Power Source: DC 7.4V

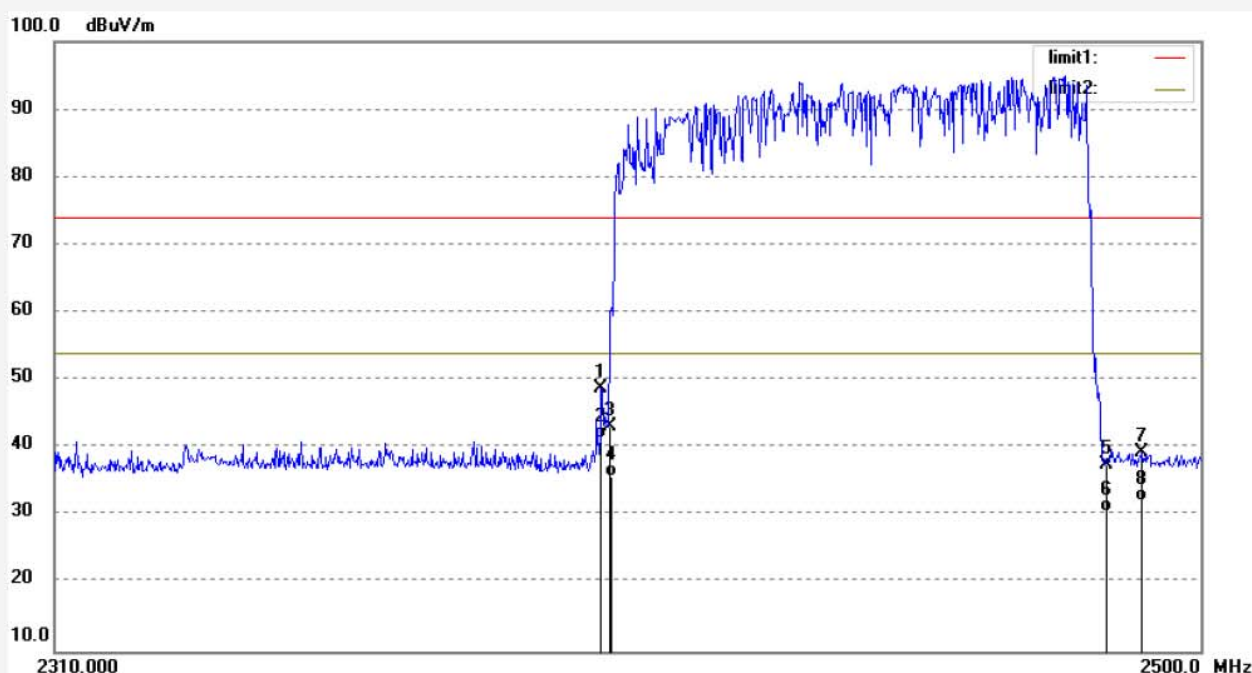
Date: 14/03/12/

Time: 8/55/36

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.920	55.67	-6.76	48.91	74.00	-25.09	peak			
2	2398.920	48.21	-6.76	41.45	54.00	-12.55	AVG			
3	2400.000	49.91	-6.76	43.15	74.00	-30.85	peak			
4	2400.000	42.57	-6.76	35.81	54.00	-18.19	AVG			
5	2483.500	44.18	-6.54	37.64	74.00	-36.36	peak			
6	2483.500	37.17	-6.54	30.63	54.00	-23.37	AVG			
7	2490.120	45.90	-6.52	39.38	74.00	-34.62	peak			
8	2490.120	38.78	-6.52	32.26	54.00	-21.74	AVG			



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Fax:+86-0755-26503396

Job No.: alen #3621

Standard: FCC PK

Test item: Radiation Test

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

EUT: Speaker

Mode: Hopping TX(8DPSK)

Model: FY-28

Manufacturer: New Tech

Polarization: Vertical

Power Source: DC 7.4V

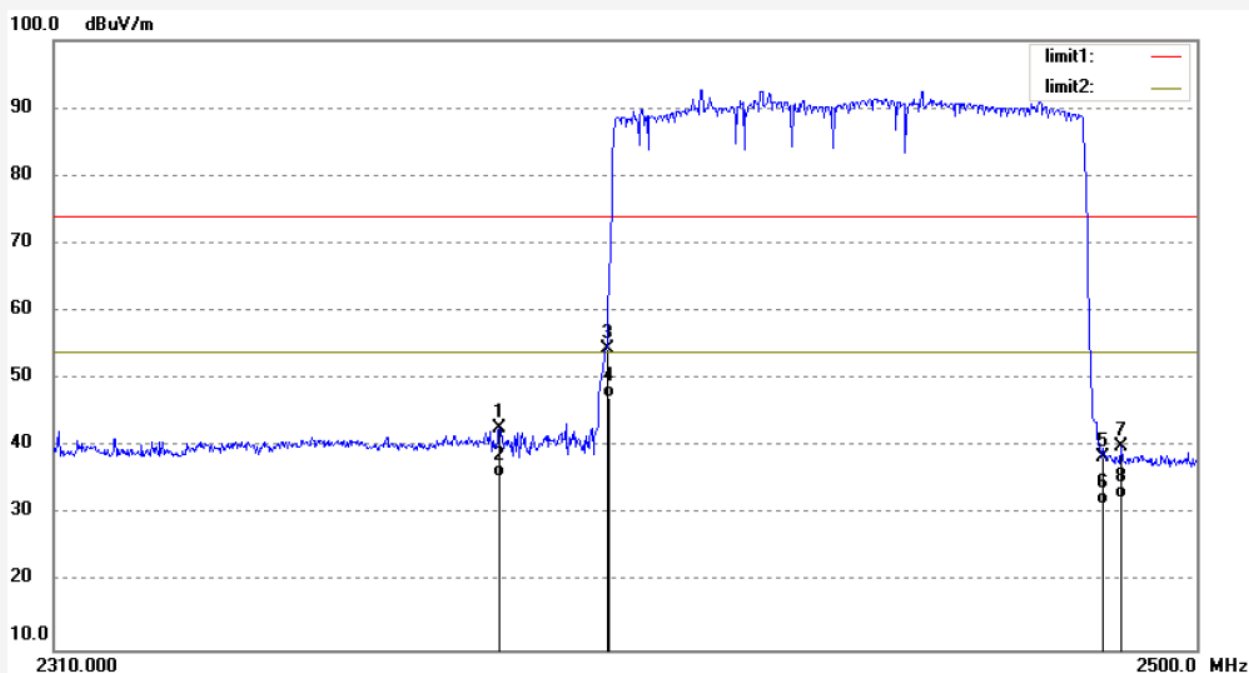
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Time: 8/50/53

Engineer Signature:

Distance: 3m

Note: Report No:ATE20140248

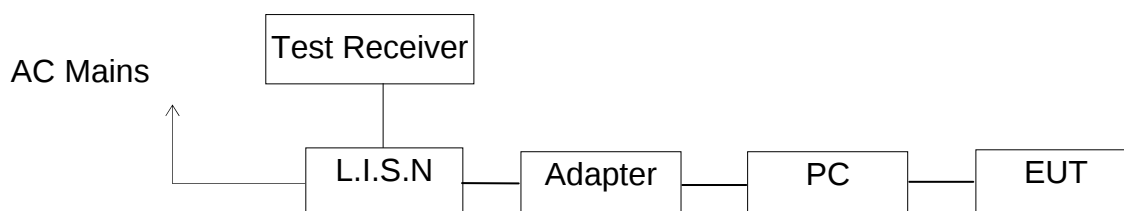


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2382.390	49.51	-6.81	42.70	74.00	-31.30	peak			
2	2382.390	42.45	-6.81	35.64	54.00	-18.36	AVG			
3	2400.000	61.24	-6.76	54.48	74.00	-19.52	peak			
4	2400.000	54.01	-6.76	47.25	54.00	-6.75	AVG			
5	2483.500	45.07	-6.54	38.53	74.00	-35.47	peak			
6	2483.500	38.01	-6.54	31.47	54.00	-22.53	AVG			
7	2487.080	46.52	-6.53	39.99	74.00	-34.01	peak			
8	2487.080	38.89	-6.53	32.36	54.00	-21.64	AVG			

12.AC POWER LINE CONDUCTED EMISSION FOR FCC PART

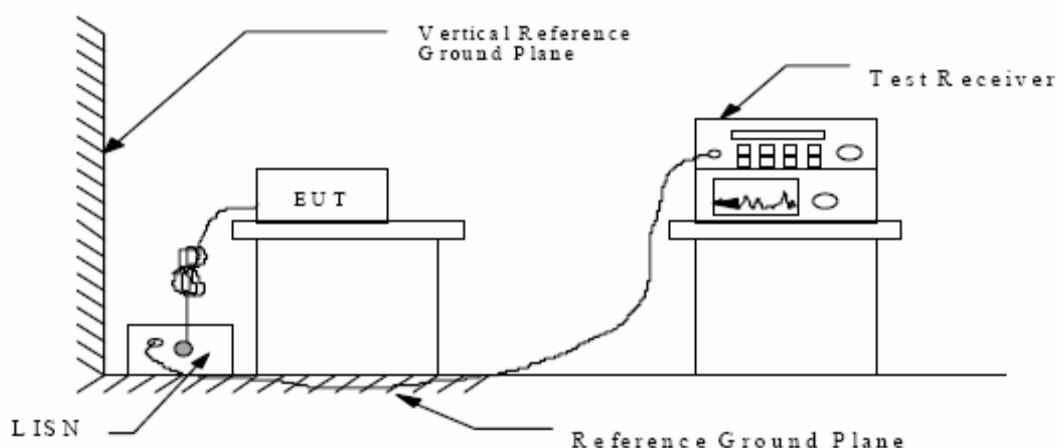
15 SECTION 15.207(A)

12.1.Block Diagram of Test Setup



(EUT: Speaker)

12.2.Shielding Room Test Setup Diagram



12.3.The Emission Limit

12.3.1.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.

12.4.Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

12.5.Operating Condition of EUT

12.5.1.Setup the EUT and simulator as shown as Section 12.1.

12.5.2.Turn on the power of all equipment.

12.5.3.Let the EUT work in test mode and measure it.

12.6.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.

12.7.Power Line Conducted Emission Measurement Results

PASS.

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

Test mode : Charging&BT Communicating								
MEASUREMENT RESULT: "ED-V01_fin"								
3/11/2014 8:50AM								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.162467	47.70	10.5	65	17.6	QP	L1	GND	
0.368279	41.00	10.7	59	17.5	QP	L1	GND	
0.542434	47.80	10.7	56	8.2	QP	L1	GND	
MEASUREMENT RESULT: "ED-V01_fin2"								
3/11/2014 8:50AM								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.159256	40.50	10.5	56	15.0	AV	L1	GND	
0.190596	39.10	10.5	54	14.9	AV	L1	GND	
0.553370	40.10	10.7	46	5.9	AV	L1	GND	
MEASUREMENT RESULT: "ED-V02_fin"								
3/11/2014 8:54AM								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.157990	43.80	10.5	66	21.8	QP	N	GND	
0.544604	45.80	10.7	56	10.2	QP	N	GND	
0.904195	36.00	10.8	56	20.0	QP	N	GND	
MEASUREMENT RESULT: "ED-V02_fin2"								
3/11/2014 8:54AM								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.163117	33.80	10.5	55	21.5	AV	N	GND	
0.381751	29.20	10.7	48	19.0	AV	N	GND	
0.553370	37.90	10.7	46	8.1	AV	N	GND	

Emissions attenuated more than 20 dB below the permissible value are not reported.

The spectral diagrams are attached as below.

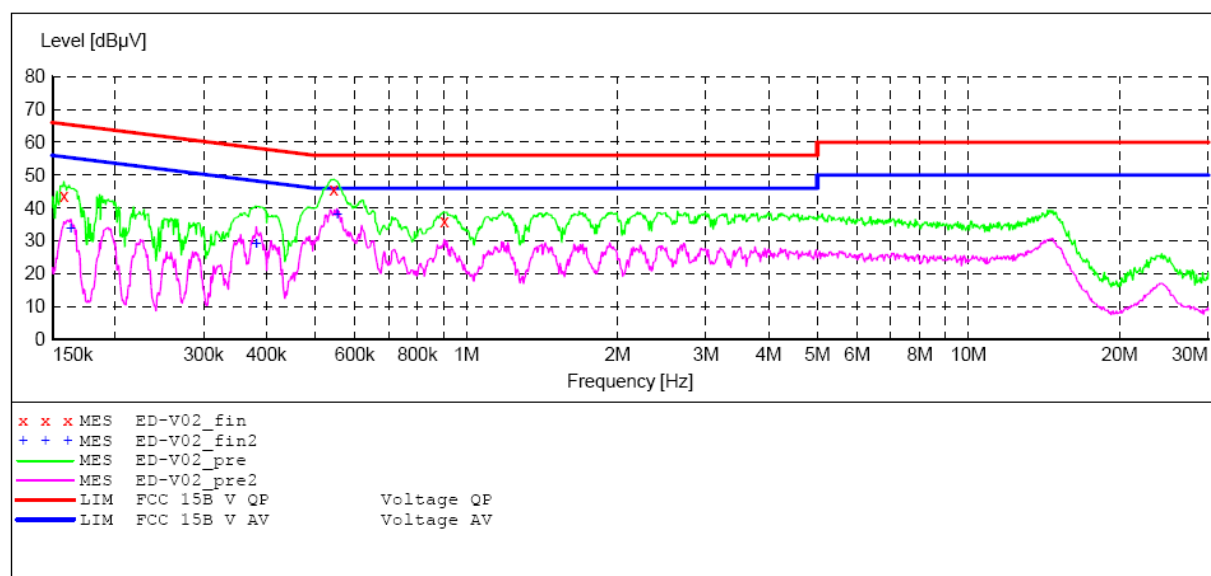
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15

EUT: Speaker M/N:FY-28
 Manufacturer: New Tech
 Operating Condition: BT/Charging
 Test Site: 1#Shielding Room
 Operator: ALEN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 3/11/2014 / 8:51:43AM

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

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "ED-V02_fin"

3/11/2014 8:54AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.157990	43.80	10.5	66	21.8	QP	N	GND
0.544604	45.80	10.7	56	10.2	QP	N	GND
0.904195	36.00	10.8	56	20.0	QP	N	GND

MEASUREMENT RESULT: "ED-V02_fin2"

3/11/2014 8:54AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.163117	33.80	10.5	55	21.5	AV	N	GND
0.381751	29.20	10.7	48	19.0	AV	N	GND
0.553370	37.90	10.7	46	8.1	AV	N	GND

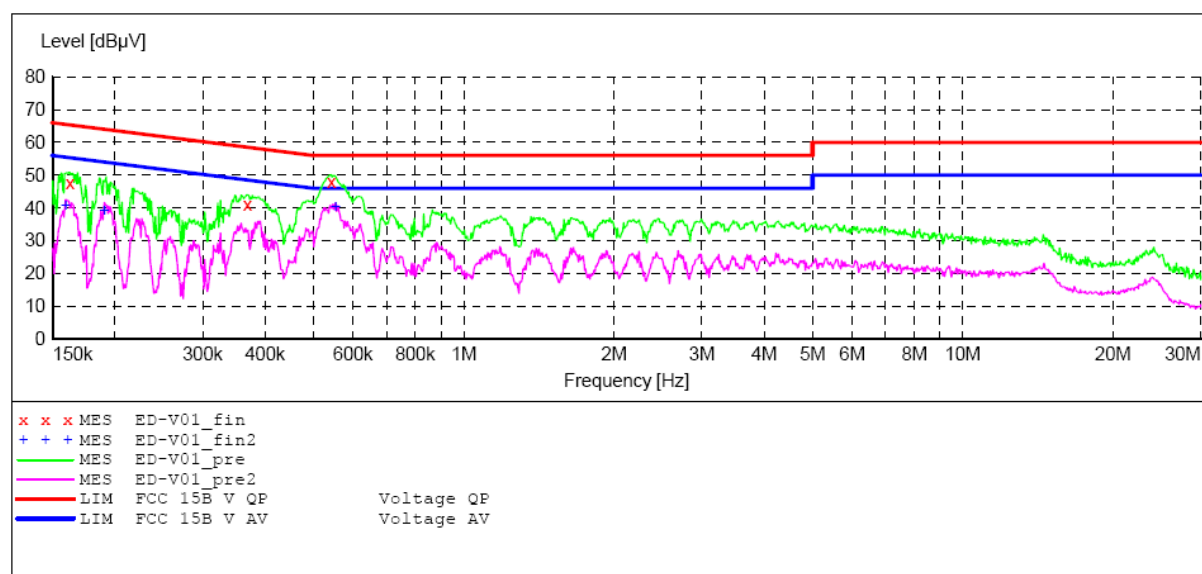
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15

EUT: Speaker M/N:FY-28
 Manufacturer: New Tech
 Operating Condition: BT/Charging
 Test Site: 1#Shielding Room
 Operator: ALEN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 3/11/2014 / 8:47:24AM

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: "ED-V01_fin"

3/11/2014 8:50AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.162467	47.70	10.5	65	17.6	QP	L1	GND
0.368279	41.00	10.7	59	17.5	QP	L1	GND
0.542434	47.80	10.7	56	8.2	QP	L1	GND

MEASUREMENT RESULT: "ED-V01_fin2"

3/11/2014 8:50AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.159256	40.50	10.5	56	15.0	AV	L1	GND
0.190596	39.10	10.5	54	14.9	AV	L1	GND
0.553370	40.10	10.7	46	5.9	AV	L1	GND

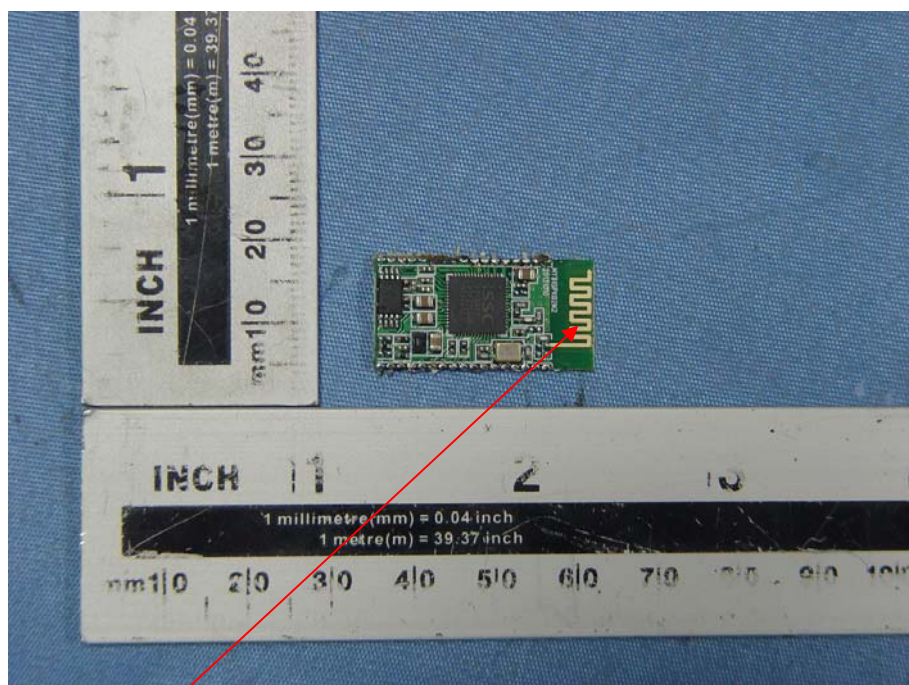
13.ANTENNA REQUIREMENT

13.1.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.

13.2.Antenna Construction

The antenna is PCB Layout antenna, no consideration of replacement. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna