

13.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

5GWIFI TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

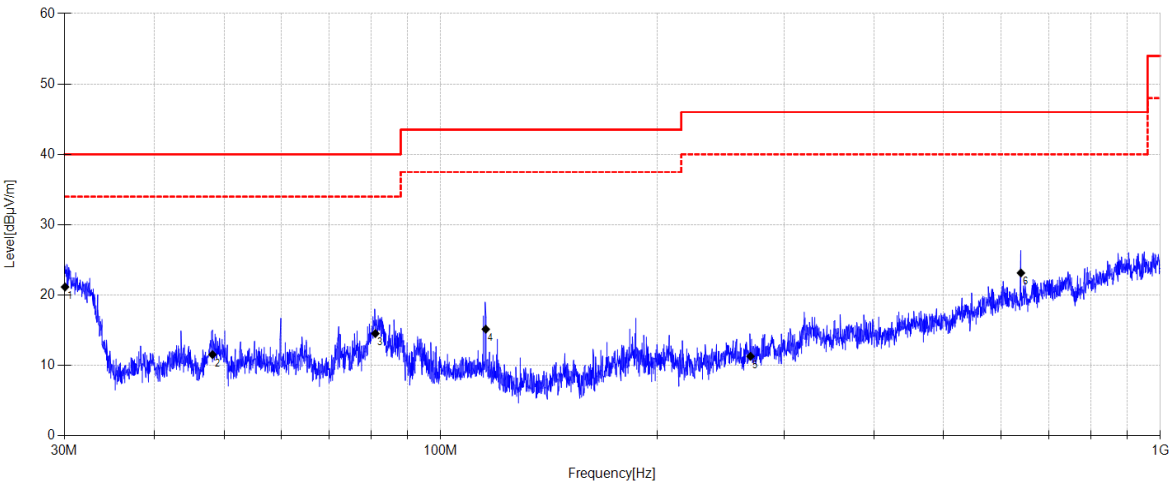
DDT 3# Chamber

File Path:

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Memo:

Sample Number:S25011512-001 Power Setting: 0F00



Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	30.063	38.18	10.31	3.76	21.15	40.00	18.85	QP	Horizontal
2	48.192	26.55	12.22	3.87	11.54	40.00	28.46	QP	Horizontal
3	81.139	32.36	9.17	4.10	14.53	40.00	25.47	QP	Horizontal
4	115.532	31.3	10.67	4.30	15.15	43.50	28.35	QP	Horizontal
5	269.499	25.13	12.42	5.08	11.29	46.00	34.71	QP	Horizontal
6	640.219	29.61	18.53	6.50	23.14	46.00	22.86	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

5GWIFI TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

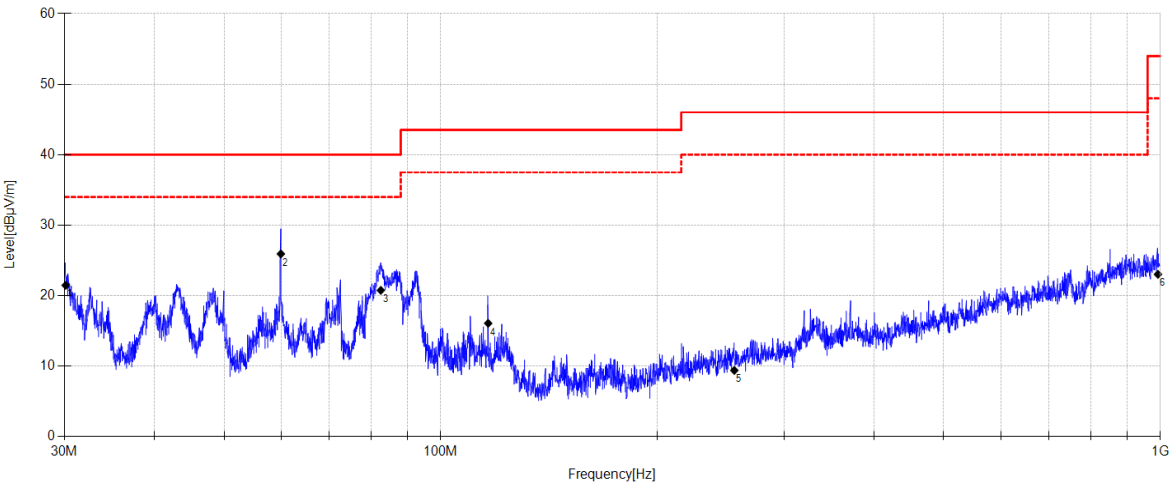
DDT 3# Chamber

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Memo:

Sample Number:S25011512-001 Power Setting: 0F00



Data List									
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	30.126	38.49	10.31	3.76	21.46	40.00	18.54	QP	Vertical
2	59.977	40.27	12.79	3.96	25.92	40.00	14.08	QP	Vertical
3	82.574	38.57	9.17	4.11	20.75	40.00	19.25	QP	Vertical
4	116.427	32.18	10.70	4.31	16.07	43.50	27.43	QP	Vertical
5	255.872	23.93	11.75	5.02	9.39	46.00	36.61	QP	Vertical
6	992.317	23.39	22.33	7.44	23.02	54.00	30.98	QP	Vertical

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5180MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

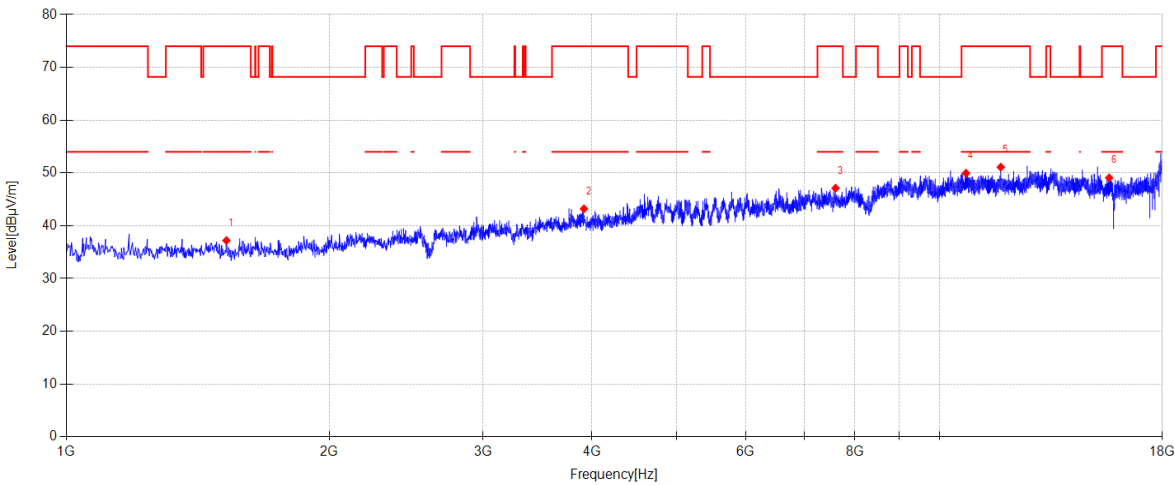
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Memo:

Sample Number:S25011512-001 Power Setting:0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1525.300	46.17	25.15	3.38	-37.50	37.20	74.00	36.80	PK	Horizontal
2	3915.500	46.41	31.17	5.28	-39.66	43.20	74.00	30.80	PK	Horizontal
3	7602.800	43.44	36.51	7.62	-40.46	47.11	74.00	26.89	PK	Horizontal
4	10725.700	41.39	39.40	8.33	-39.16	49.96	74.00	24.04	PK	Horizontal
5	11755.900	43.05	38.94	8.87	-39.76	51.10	74.00	22.90	PK	Horizontal
6	15643.800	39.83	38.56	10.08	-39.40	49.07	74.00	24.93	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5180MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

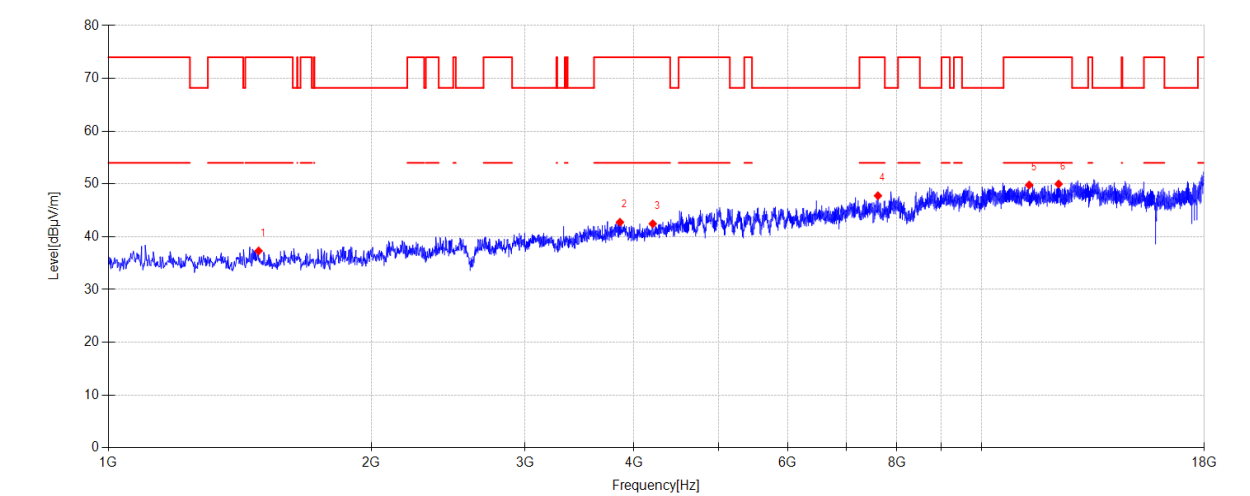
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1486.200	45.97	25.44	3.34	-37.44	37.31	74.00	36.69	PK	Vertical
2	3854.300	46.21	30.93	5.26	-39.65	42.75	74.00	31.25	PK	Vertical
3	4202.800	45.35	31.21	5.55	-39.66	42.45	74.00	31.55	PK	Vertical
4	7611.300	44.08	36.52	7.62	-40.45	47.77	74.00	26.23	PK	Vertical
5	11341.100	41.28	39.24	8.62	-39.34	49.80	74.00	24.20	PK	Vertical
6	12257.400	41.50	39.30	9.14	-39.95	49.99	74.00	24.01	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5200MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

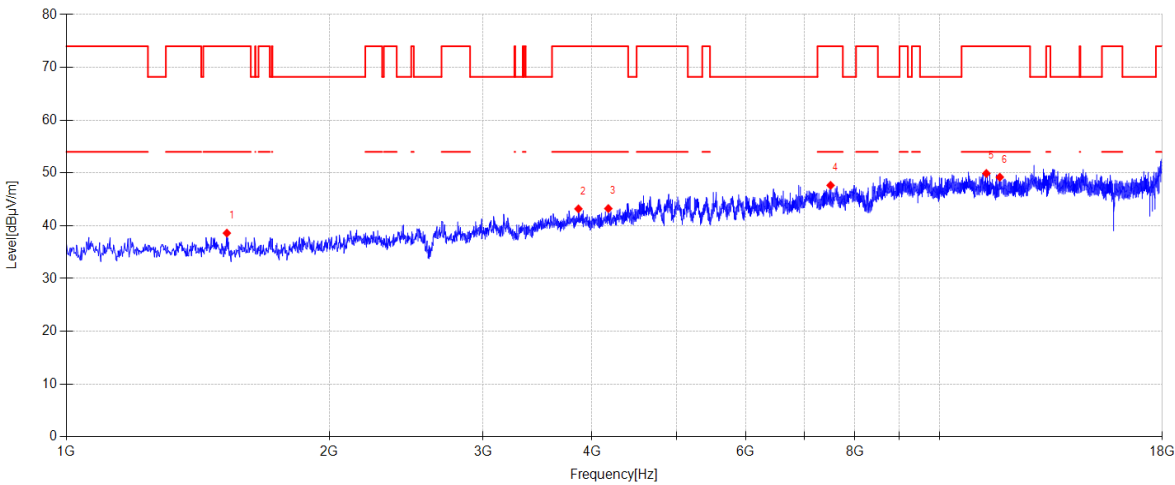
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1527.000	47.59	25.12	3.39	-37.50	38.60	74.00	35.40	PK	Horizontal
2	3859.400	46.62	30.96	5.27	-39.65	43.20	74.00	30.80	PK	Horizontal
3	4175.600	46.20	31.20	5.52	-39.67	43.25	74.00	30.75	PK	Horizontal
4	7504.200	44.16	36.49	7.55	-40.55	47.65	74.00	26.35	PK	Horizontal
5	11315.600	41.40	39.22	8.61	-39.32	49.91	74.00	24.09	PK	Horizontal
6	11725.300	41.10	38.97	8.86	-39.73	49.20	74.00	24.80	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5200MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

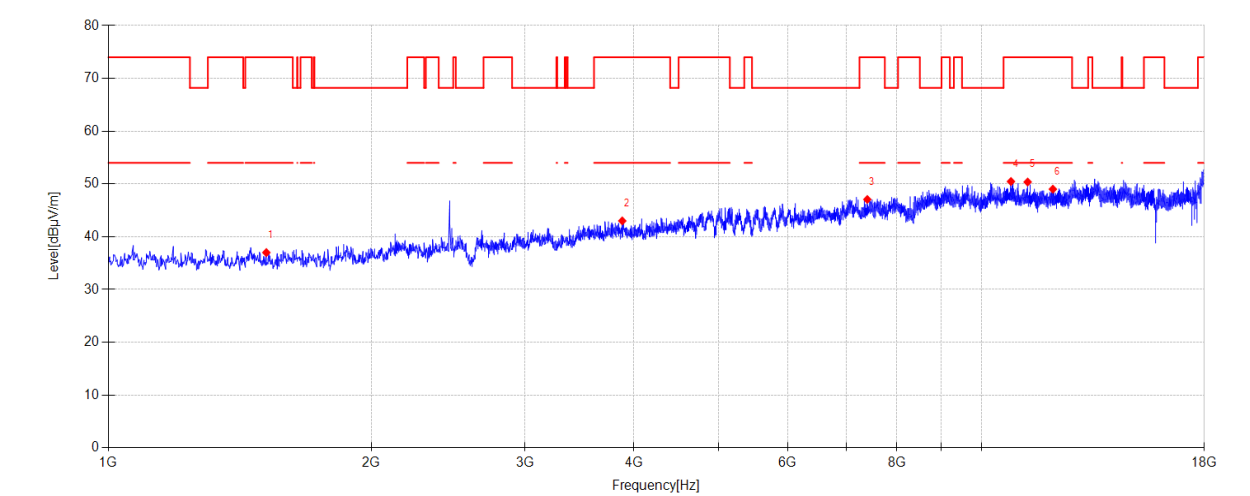
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1516.800	45.85	25.26	3.37	-37.48	37.00	74.00	37.00	PK	Vertical
2	3878.100	46.31	31.07	5.27	-39.65	43.00	74.00	31.00	PK	Vertical
3	7400.500	43.51	36.70	7.49	-40.64	47.06	74.00	26.94	PK	Vertical
4	10809.000	41.82	39.39	8.36	-39.11	50.46	74.00	23.54	PK	Vertical
5	11295.200	41.87	39.20	8.60	-39.30	50.37	74.00	23.63	PK	Vertical
6	12072.100	40.68	39.27	9.05	-39.99	49.01	74.00	24.99	PK	Vertical

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5240MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

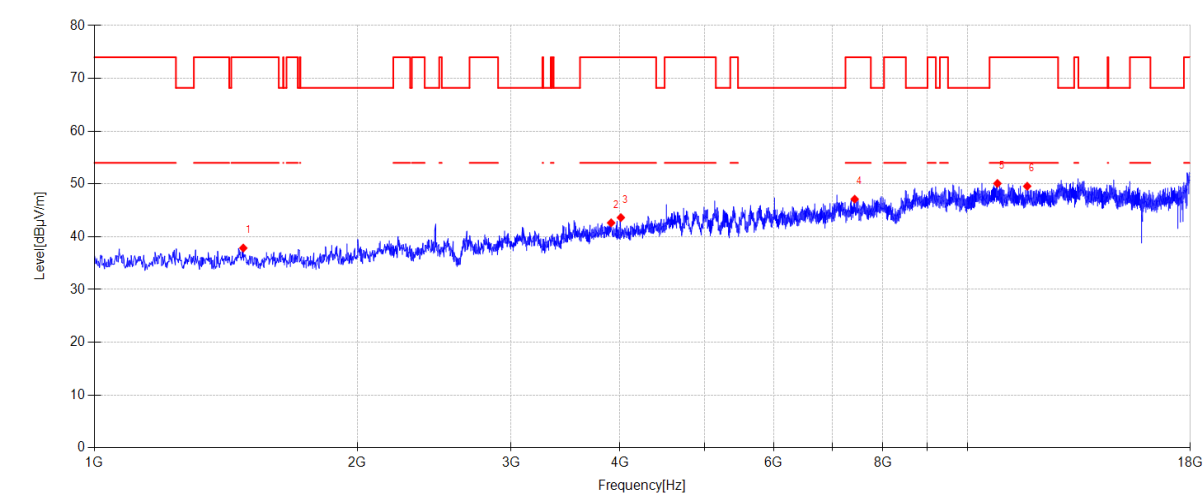
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1481.100	46.54	25.42	3.33	-37.43	37.86	74.00	36.14	PK	Horizontal
2	3907.000	45.82	31.19	5.28	-39.66	42.63	74.00	31.37	PK	Horizontal
3	4009.000	47.06	30.92	5.32	-39.68	43.62	74.00	30.38	PK	Horizontal
4	7427.700	43.60	36.64	7.50	-40.62	47.12	74.00	26.88	PK	Horizontal
5	10822.600	41.46	39.38	8.36	-39.11	50.09	74.00	23.91	PK	Horizontal
6	11706.600	41.45	38.99	8.84	-39.71	49.57	74.00	24.43	PK	Horizontal

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5240MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

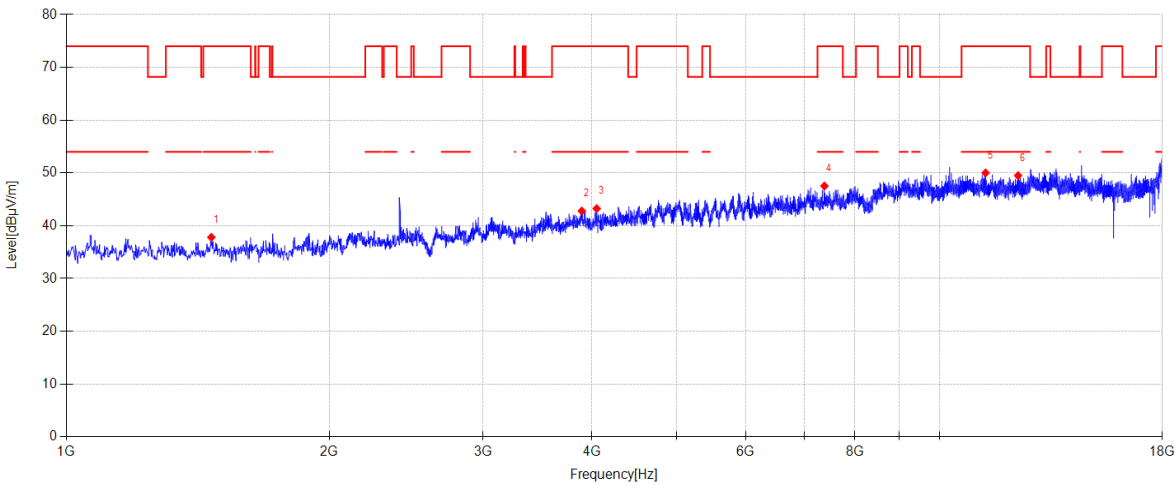
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1465.800	46.54	25.36	3.32	-37.41	37.81	74.00	36.19	PK	Vertical
2	3893.400	46.01	31.16	5.28	-39.65	42.80	74.00	31.20	PK	Vertical
3	4049.800	46.56	31.00	5.37	-39.68	43.25	74.00	30.75	PK	Vertical
4	7383.500	43.97	36.73	7.48	-40.65	47.53	74.00	26.47	PK	Vertical
5	11293.500	41.50	39.20	8.60	-39.29	50.01	74.00	23.99	PK	Vertical
6	12303.300	40.98	39.30	9.16	-39.94	49.50	74.00	24.50	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5260MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

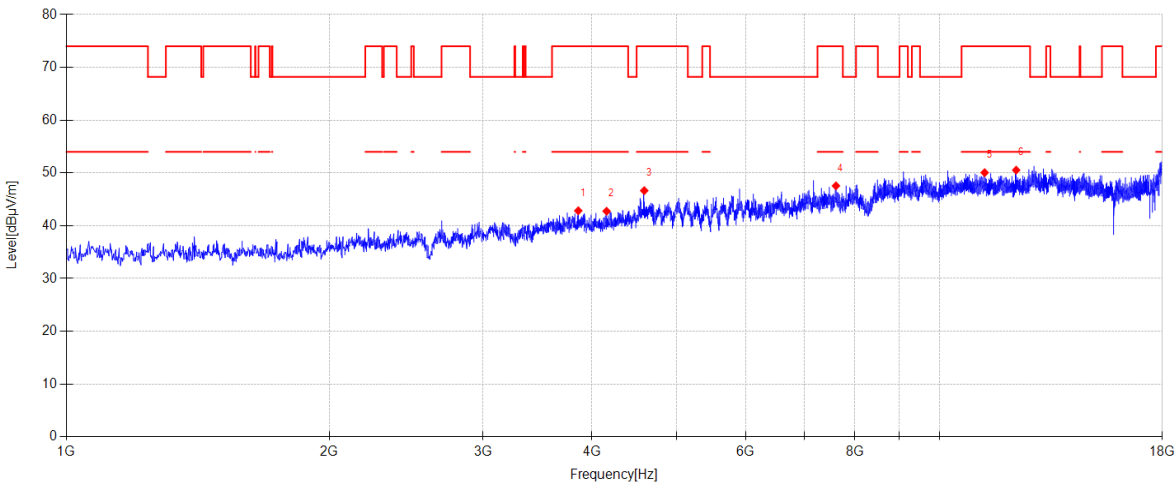
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3857.700	46.27	30.95	5.27	-39.65	42.84	74.00	31.16	PK	Horizontal
2	4156.900	45.72	31.20	5.50	-39.67	42.75	74.00	31.25	PK	Horizontal
3	4590.400	48.37	31.90	6.01	-39.63	46.65	74.00	27.35	PK	Horizontal
4	7611.300	43.87	36.52	7.62	-40.45	47.56	74.00	26.44	PK	Horizontal
5	11266.300	41.55	39.20	8.58	-39.27	50.06	74.00	23.94	PK	Horizontal
6	12242.100	42.06	39.30	9.13	-39.95	50.54	74.00	23.46	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5260MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

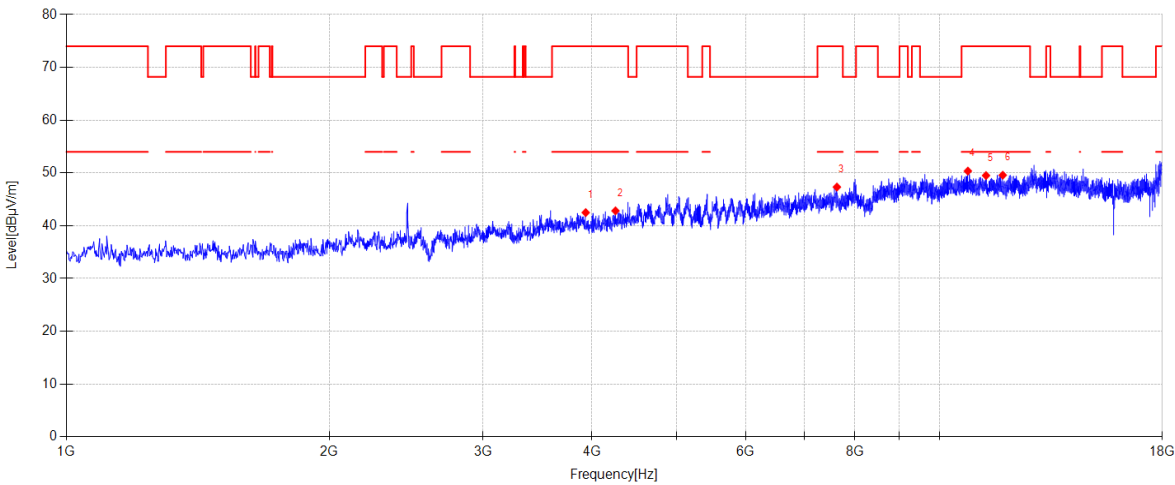
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3934.200	45.73	31.13	5.29	-39.66	42.49	74.00	31.51	PK	Vertical
2	4255.500	45.45	31.42	5.61	-39.66	42.82	74.00	31.18	PK	Vertical
3	7630.000	43.57	36.56	7.63	-40.43	47.33	74.00	26.67	PK	Vertical
4	10778.400	41.74	39.40	8.35	-39.13	50.36	74.00	23.64	PK	Vertical
5	11307.100	41.01	39.21	8.60	-39.31	49.51	74.00	24.49	PK	Vertical
6	11817.100	41.59	38.90	8.91	-39.82	49.58	74.00	24.42	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5300MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

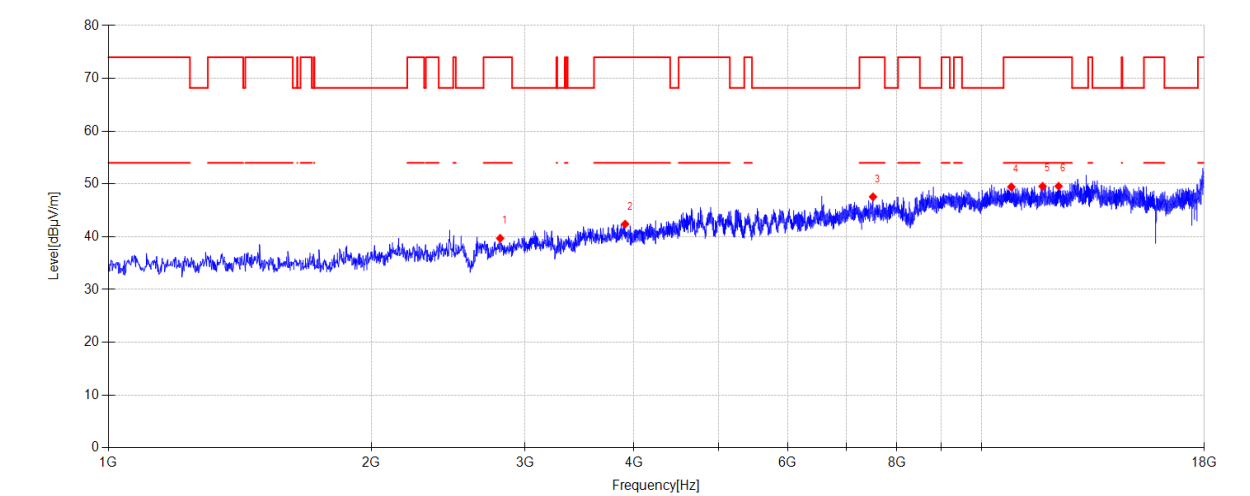
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2810.500	46.62	27.48	4.80	-39.20	39.70	74.00	34.30	PK	Horizontal
2	3907.000	45.58	31.19	5.28	-39.66	42.39	74.00	31.61	PK	Horizontal
3	7512.700	44.07	36.47	7.56	-40.54	47.56	74.00	26.44	PK	Horizontal
4	10820.900	40.81	39.38	8.36	-39.11	49.44	74.00	24.56	PK	Horizontal
5	11749.100	41.48	38.95	8.87	-39.75	49.55	74.00	24.45	PK	Horizontal
6	12257.400	41.08	39.30	9.14	-39.95	49.57	74.00	24.43	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5300MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

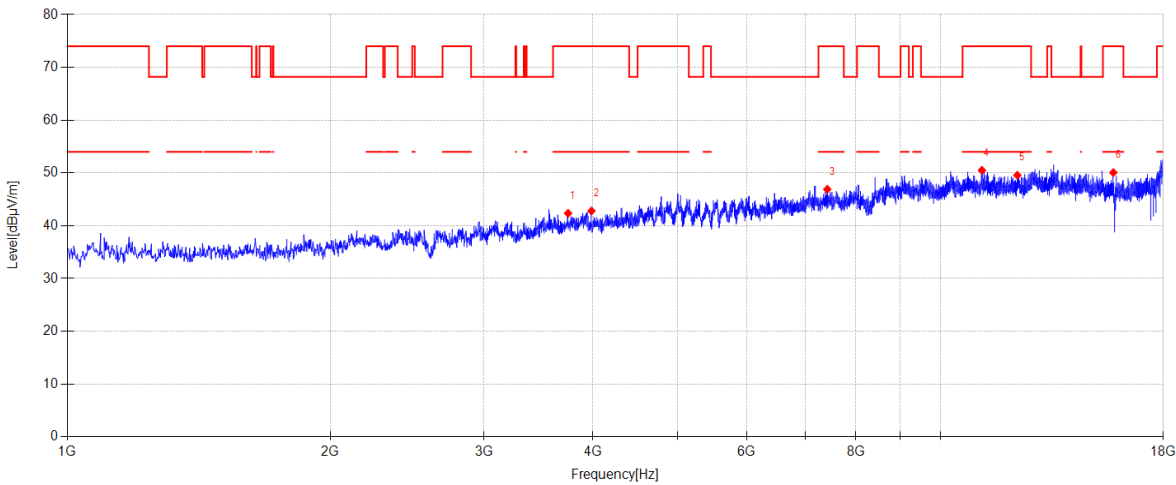
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3745.500	46.26	30.49	5.23	-39.62	42.36	74.00	31.64	PK	Vertical
2	3983.500	46.21	30.97	5.30	-39.68	42.80	74.00	31.20	PK	Vertical
3	7419.200	43.37	36.66	7.50	-40.62	46.91	74.00	27.09	PK	Vertical
4	11155.800	41.91	39.24	8.51	-39.16	50.50	74.00	23.50	PK	Vertical
5	12247.200	41.09	39.30	9.13	-39.95	49.57	74.00	24.43	PK	Vertical
6	15776.400	40.98	38.35	10.14	-39.40	50.07	74.00	23.93	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5320MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

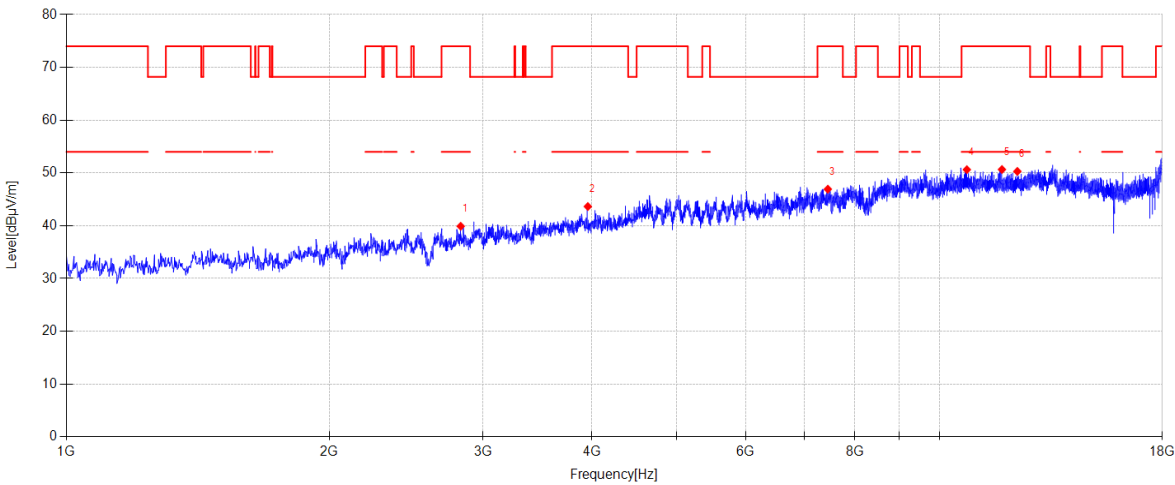
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2829.200	46.67	27.63	4.82	-39.22	39.90	74.00	34.10	PK	Horizontal
2	3956.300	46.94	31.07	5.30	-39.67	43.64	74.00	30.36	PK	Horizontal
3	7449.800	43.41	36.60	7.52	-40.60	46.93	74.00	27.07	PK	Horizontal
4	10749.500	42.04	39.40	8.34	-39.15	50.63	74.00	23.37	PK	Horizontal
5	11791.600	42.65	38.91	8.89	-39.79	50.66	74.00	23.34	PK	Horizontal
6	12279.500	41.79	39.30	9.15	-39.94	50.30	74.00	23.70	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5320MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

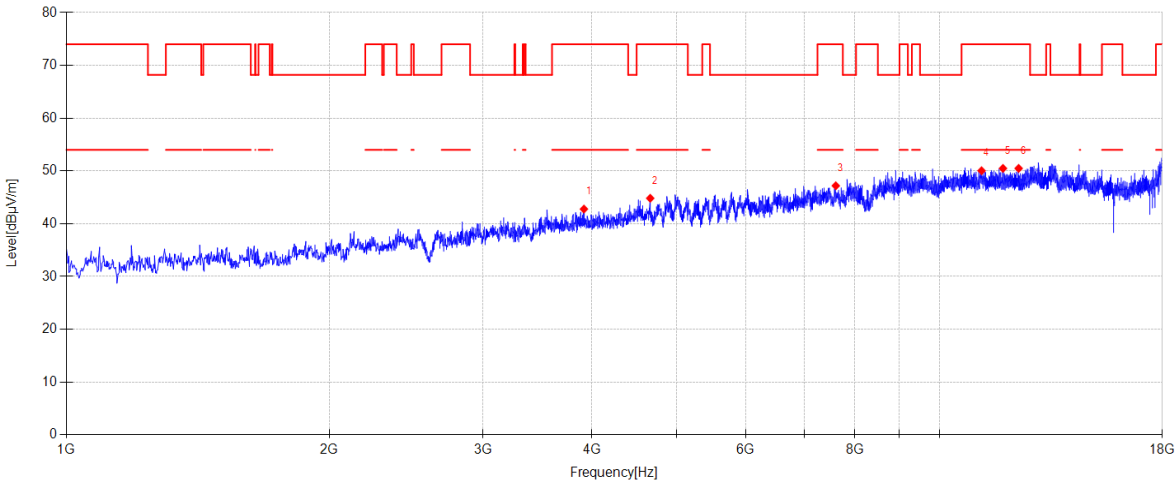
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d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\12

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3915.500	45.99	31.17	5.28	-39.66	42.78	74.00	31.22	PK	Vertical
2	4663.500	46.30	32.05	6.10	-39.63	44.82	74.00	29.18	PK	Vertical
3	7607.900	43.50	36.52	7.62	-40.45	47.19	74.00	26.81	PK	Vertical
4	11174.500	41.46	39.23	8.52	-39.17	50.04	74.00	23.96	PK	Vertical
5	11823.900	42.49	38.90	8.91	-39.82	50.48	74.00	23.52	PK	Vertical
6	12322.000	41.95	39.30	9.17	-39.94	50.48	74.00	23.52	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5500MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

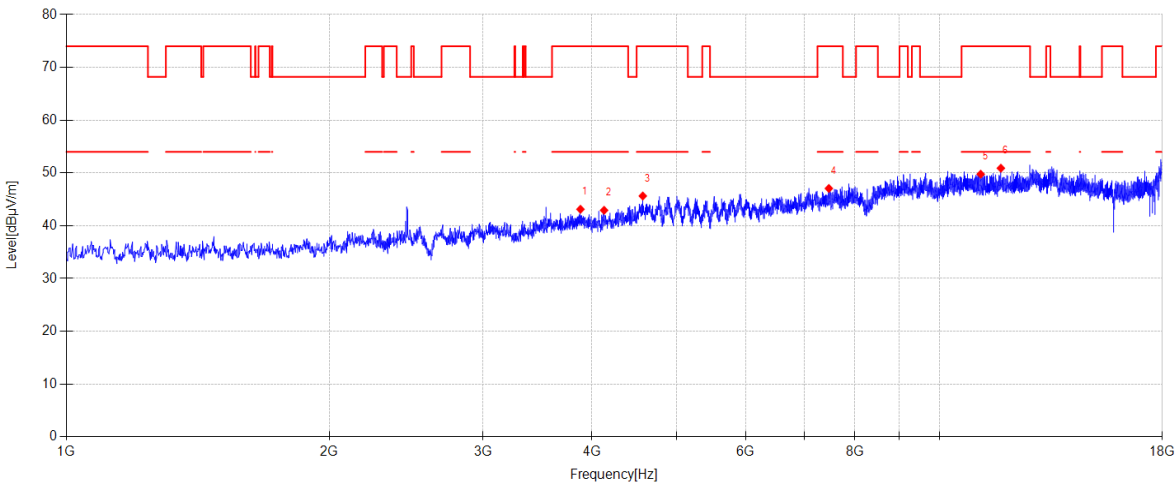
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3879.800	46.42	31.08	5.27	-39.65	43.12	74.00	30.88	PK	Horizontal
2	4129.700	45.97	31.16	5.46	-39.67	42.92	74.00	31.08	PK	Horizontal
3	4573.400	47.37	31.90	5.99	-39.63	45.63	74.00	28.37	PK	Horizontal
4	7470.200	43.56	36.56	7.53	-40.58	47.07	74.00	26.93	PK	Horizontal
5	11149.000	41.16	39.25	8.51	-39.15	49.77	74.00	24.23	PK	Horizontal
6	11759.300	42.84	38.94	8.88	-39.76	50.90	74.00	23.10	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5500MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

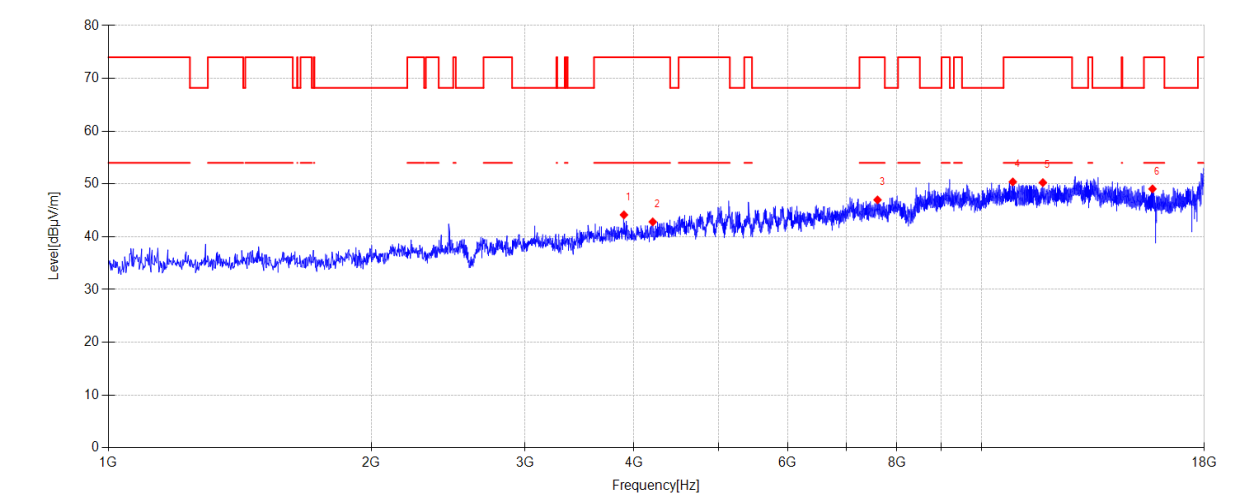
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3895.100	47.34	31.17	5.28	-39.65	44.14	74.00	29.86	PK	Vertical
2	4202.800	45.72	31.21	5.55	-39.66	42.82	74.00	31.18	PK	Vertical
3	7602.800	43.31	36.51	7.62	-40.46	46.98	74.00	27.02	PK	Vertical
4	10861.700	41.75	39.34	8.38	-39.08	50.39	74.00	23.61	PK	Vertical
5	11759.300	42.19	38.94	8.88	-39.76	50.25	74.00	23.75	PK	Vertical
6	15699.900	39.86	38.50	10.10	-39.40	49.06	74.00	24.94	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5560MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

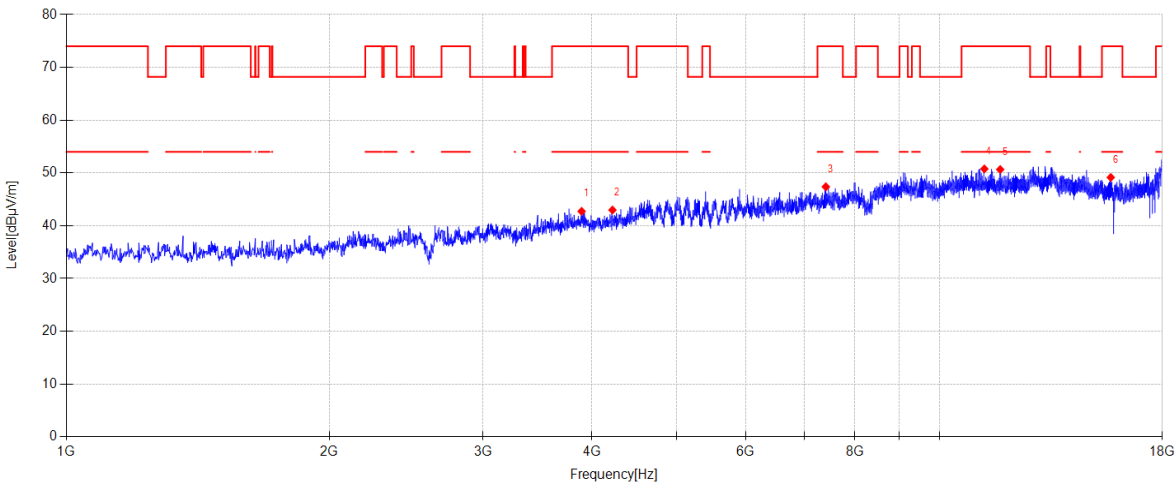
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3891.700	45.95	31.15	5.28	-39.65	42.73	74.00	31.27	PK	Horizontal
2	4221.500	45.78	31.29	5.57	-39.66	42.98	74.00	31.02	PK	Horizontal
3	7410.700	43.84	36.68	7.49	-40.63	47.38	74.00	26.62	PK	Horizontal
4	11257.800	42.26	39.20	8.57	-39.26	50.77	74.00	23.23	PK	Horizontal
5	11737.200	42.58	38.96	8.86	-39.74	50.66	74.00	23.34	PK	Horizontal
6	15711.800	39.97	38.48	10.11	-39.40	49.16	74.00	24.84	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5560MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

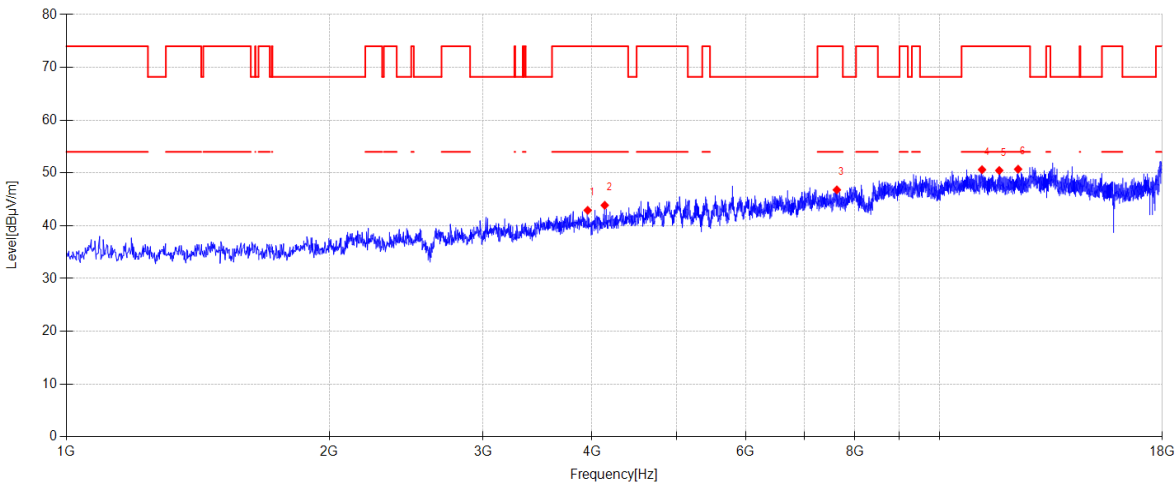
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3954.600	46.21	31.08	5.30	-39.67	42.92	74.00	31.08	PK	Vertical
2	4136.500	46.90	31.17	5.47	-39.67	43.87	74.00	30.13	PK	Vertical
3	7630.000	43.03	36.56	7.63	-40.43	46.79	74.00	27.21	PK	Vertical
4	11188.100	42.07	39.21	8.53	-39.19	50.62	74.00	23.38	PK	Vertical
5	11708.300	42.35	38.99	8.84	-39.71	50.47	74.00	23.53	PK	Vertical
6	12305.000	42.19	39.30	9.16	-39.94	50.71	74.00	23.29	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5700MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

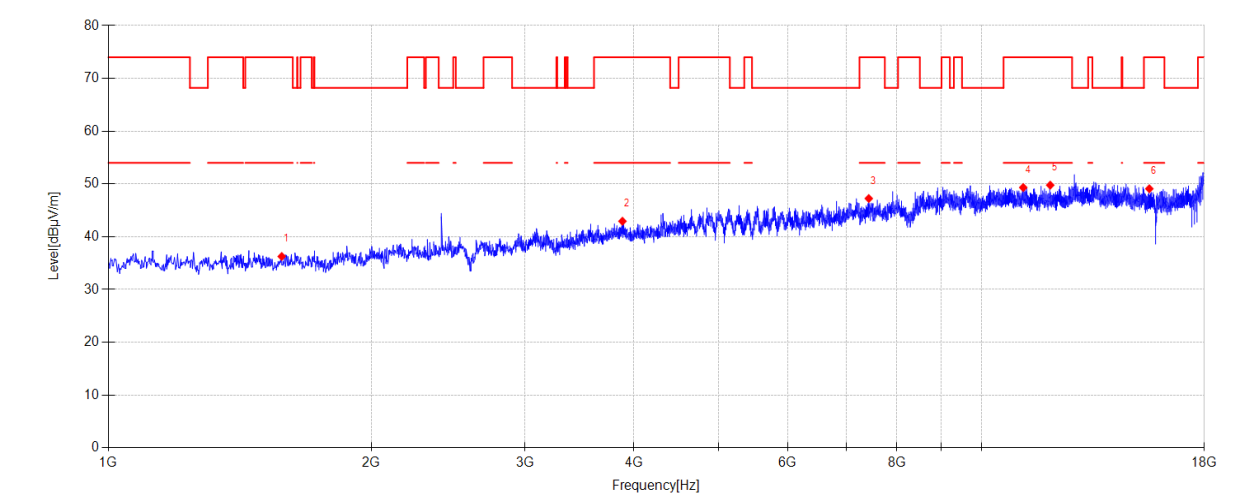
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1579.700	45.10	25.28	3.45	-37.57	36.26	74.00	37.74	PK	Horizontal
2	3879.800	46.24	31.08	5.27	-39.65	42.94	74.00	31.06	PK	Horizontal
3	7429.400	43.71	36.64	7.50	-40.61	47.24	74.00	26.76	PK	Horizontal
4	11164.300	40.73	39.24	8.52	-39.16	49.33	74.00	24.67	PK	Horizontal
5	11988.800	41.58	39.17	9.01	-39.99	49.77	74.00	24.23	PK	Horizontal
6	15569.000	39.78	38.66	10.05	-39.40	49.09	74.00	24.91	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5700MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

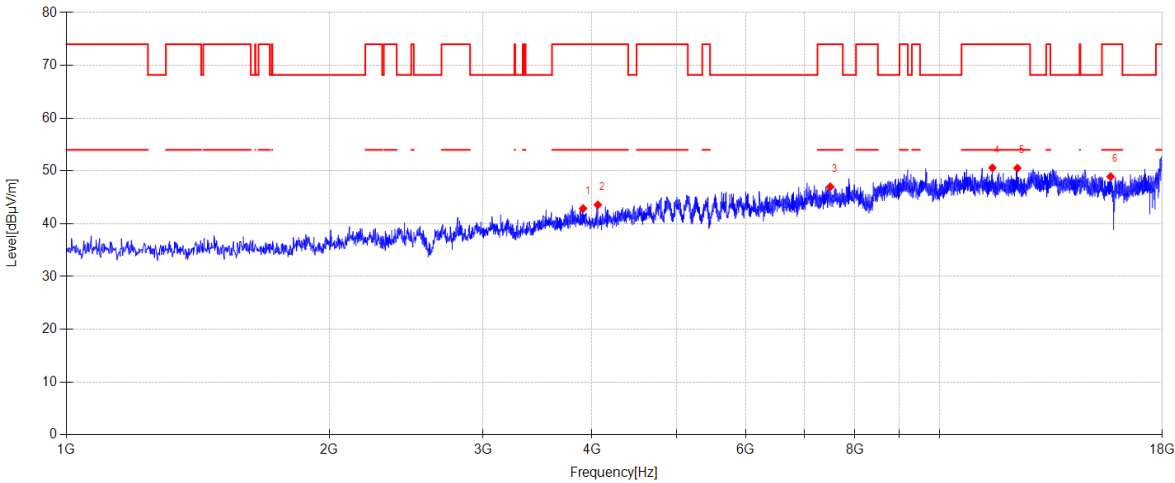
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3907.000	46.07	31.19	5.28	-39.66	42.88	74.00	31.12	PK	Vertical
2	4061.700	46.86	31.02	5.38	-39.68	43.58	74.00	30.42	PK	Vertical
3	7497.400	43.48	36.51	7.55	-40.55	46.99	74.00	27.01	PK	Vertical
4	11499.200	42.17	39.20	8.72	-39.50	50.59	74.00	23.41	PK	Vertical
5	12281.200	42.02	39.30	9.15	-39.94	50.53	74.00	23.47	PK	Vertical
6	15703.300	39.72	38.49	10.11	-39.40	48.92	74.00	25.08	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5745MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

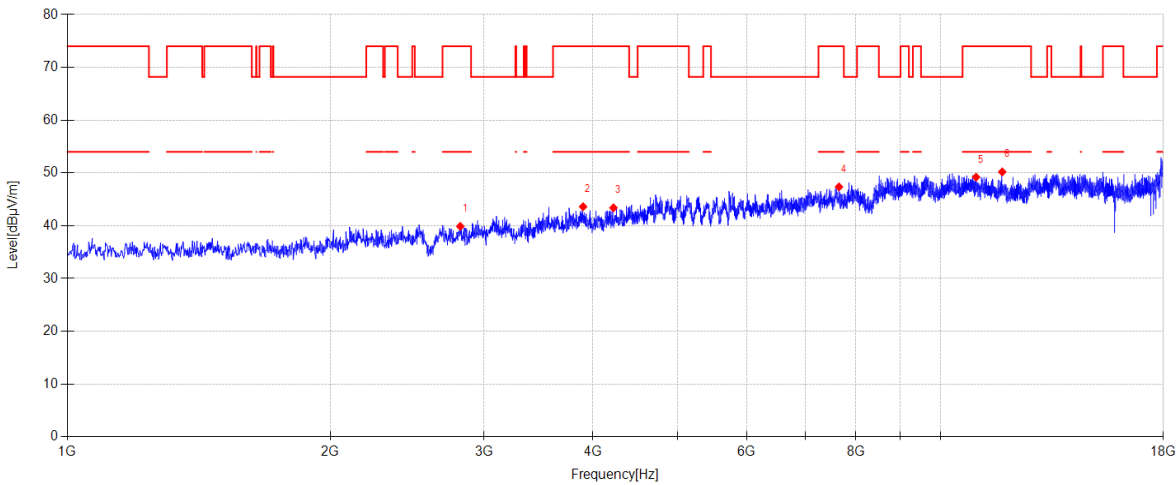
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2819.000	46.74	27.55	4.80	-39.21	39.88	74.00	34.12	PK	Horizontal
2	3896.800	46.80	31.18	5.28	-39.66	43.60	74.00	30.40	PK	Horizontal
3	4221.500	46.19	31.29	5.57	-39.66	43.39	74.00	30.61	PK	Horizontal
4	7652.100	43.52	36.60	7.65	-40.41	47.36	74.00	26.64	PK	Horizontal
5	10985.800	40.50	39.30	8.42	-39.01	49.21	74.00	24.79	PK	Horizontal
6	11769.500	42.16	38.93	8.88	-39.77	50.20	74.00	23.80	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5745MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

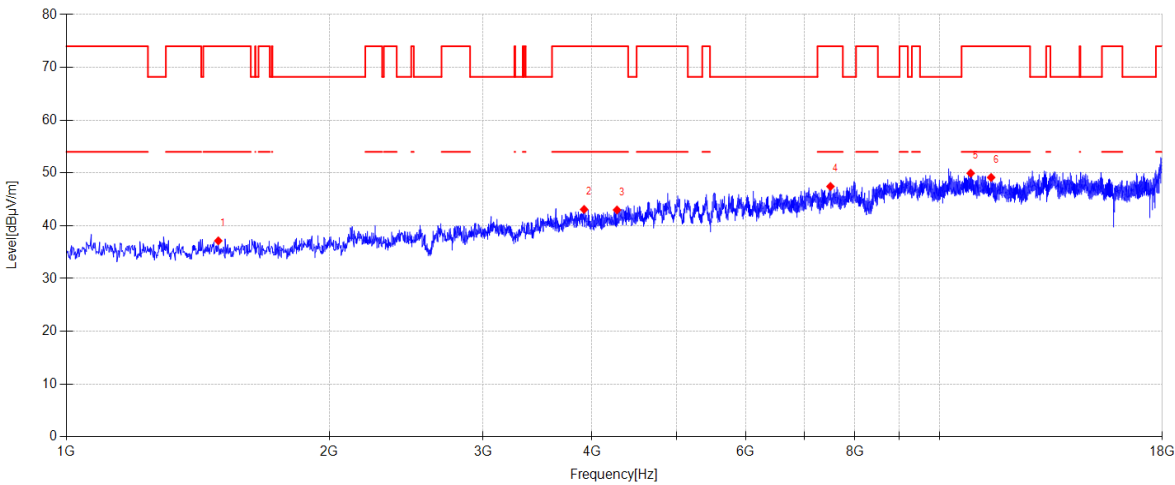
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1493.000	45.77	25.47	3.35	-37.45	37.14	74.00	36.86	PK	Vertical
2	3917.200	46.30	31.17	5.28	-39.66	43.09	74.00	30.91	PK	Vertical
3	4272.500	45.53	31.49	5.63	-39.66	42.99	74.00	31.01	PK	Vertical
4	7502.500	43.94	36.50	7.55	-40.55	47.44	74.00	26.56	PK	Vertical
5	10858.300	41.33	39.34	8.37	-39.09	49.95	74.00	24.05	PK	Vertical
6	11460.100	40.67	39.24	8.70	-39.46	49.15	74.00	24.85	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5785MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

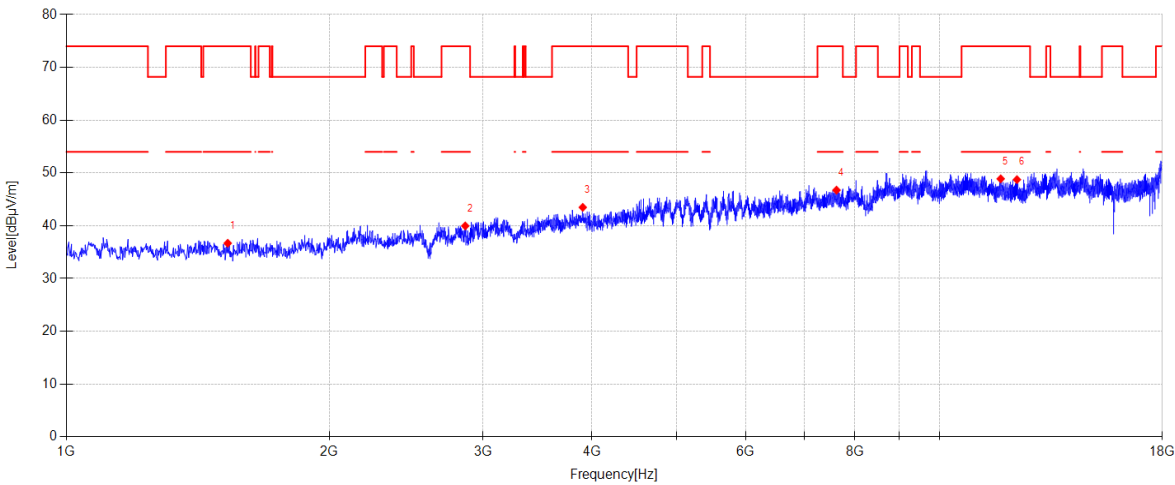
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1530.400	45.72	25.07	3.39	-37.50	36.68	74.00	37.32	PK	Horizontal
2	2863.200	46.47	27.91	4.85	-39.27	39.96	74.00	34.04	PK	Horizontal
3	3903.600	46.67	31.19	5.28	-39.66	43.48	74.00	30.52	PK	Horizontal
4	7621.500	43.01	36.54	7.63	-40.44	46.74	74.00	27.26	PK	Horizontal
5	11752.500	40.82	38.95	8.87	-39.75	48.89	74.00	25.11	PK	Horizontal
6	12267.600	40.25	39.30	9.14	-39.95	48.74	74.00	25.26	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5785MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

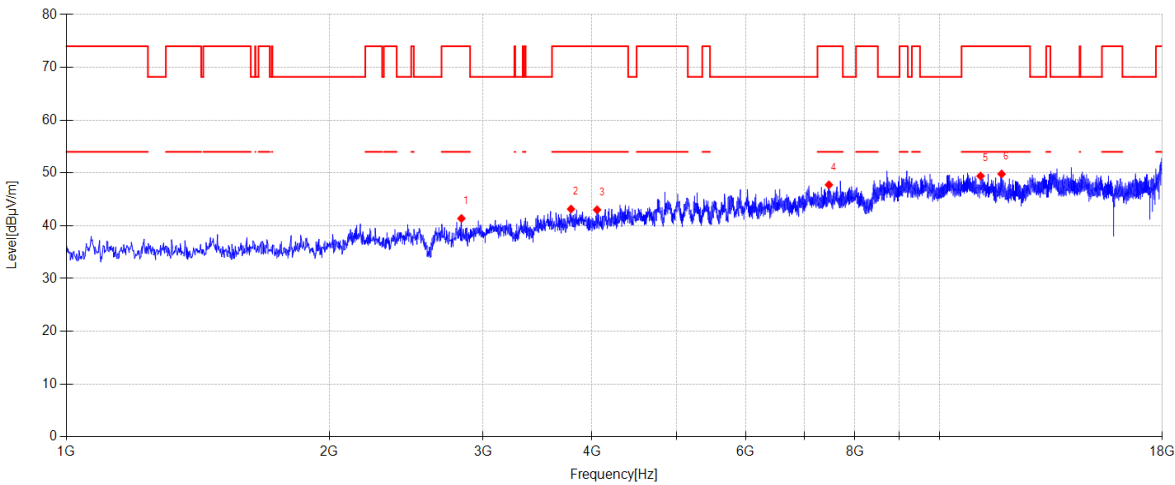
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2834.300	48.12	27.67	4.82	-39.23	41.38	74.00	32.62	PK	Vertical
2	3784.600	46.91	30.64	5.24	-39.63	43.16	74.00	30.84	PK	Vertical
3	4053.200	46.32	31.01	5.37	-39.68	43.02	74.00	30.98	PK	Vertical
4	7471.900	44.24	36.56	7.53	-40.58	47.75	74.00	26.25	PK	Vertical
5	11143.900	40.79	39.26	8.51	-39.14	49.42	74.00	24.58	PK	Vertical
6	11781.400	41.78	38.92	8.89	-39.78	49.81	74.00	24.19	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5825MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

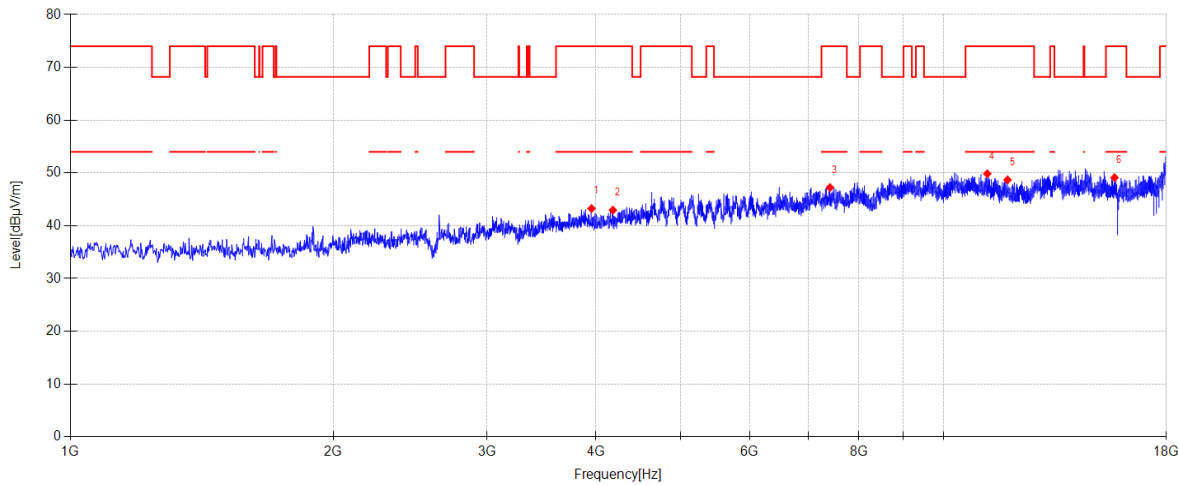
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	3952.900	46.53	31.09	5.30	-39.67	43.25	74.00	30.75	PK	Horizontal
2	4182.400	45.90	31.20	5.53	-39.67	42.96	74.00	31.04	PK	Horizontal
3	7414.100	43.69	36.67	7.50	-40.63	47.23	74.00	26.77	PK	Horizontal
4	11225.500	41.33	39.20	8.56	-39.23	49.86	74.00	24.14	PK	Horizontal
5	11840.900	40.71	38.90	8.92	-39.84	48.69	74.00	25.31	PK	Horizontal
6	15701.600	39.90	38.50	10.11	-39.40	49.11	74.00	24.89	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5825MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

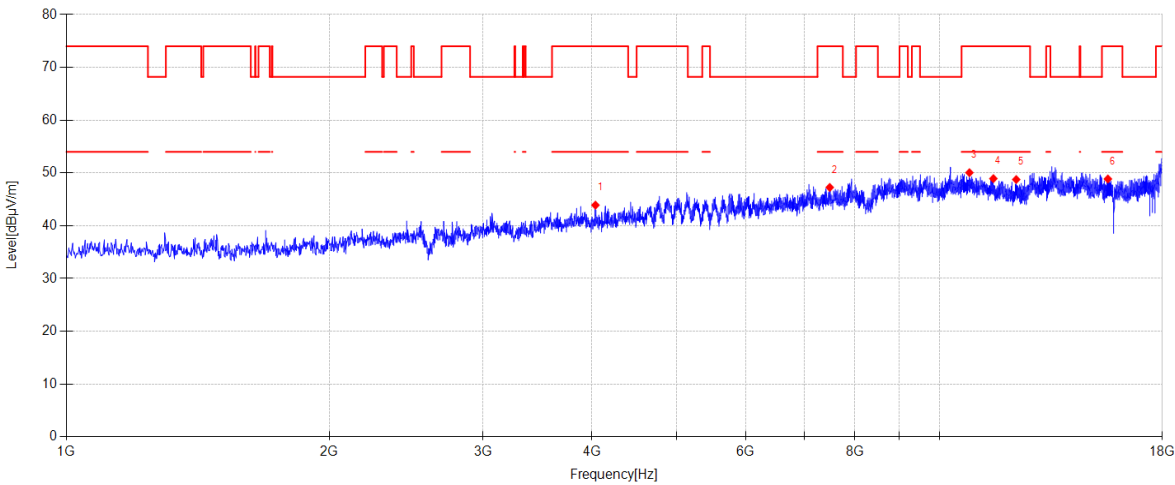
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\24

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	4036.200	47.26	30.97	5.35	-39.68	43.90	74.00	30.10	PK	Vertical
2	7487.200	43.75	36.53	7.54	-40.56	47.26	74.00	26.74	PK	Vertical
3	10822.600	41.43	39.38	8.36	-39.11	50.06	74.00	23.94	PK	Vertical
4	11528.100	40.58	39.14	8.74	-39.53	48.93	74.00	25.07	PK	Vertical
5	12243.800	40.28	39.30	9.13	-39.95	48.76	74.00	25.24	PK	Vertical
6	15592.800	39.59	38.61	10.06	-39.40	48.86	74.00	25.14	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

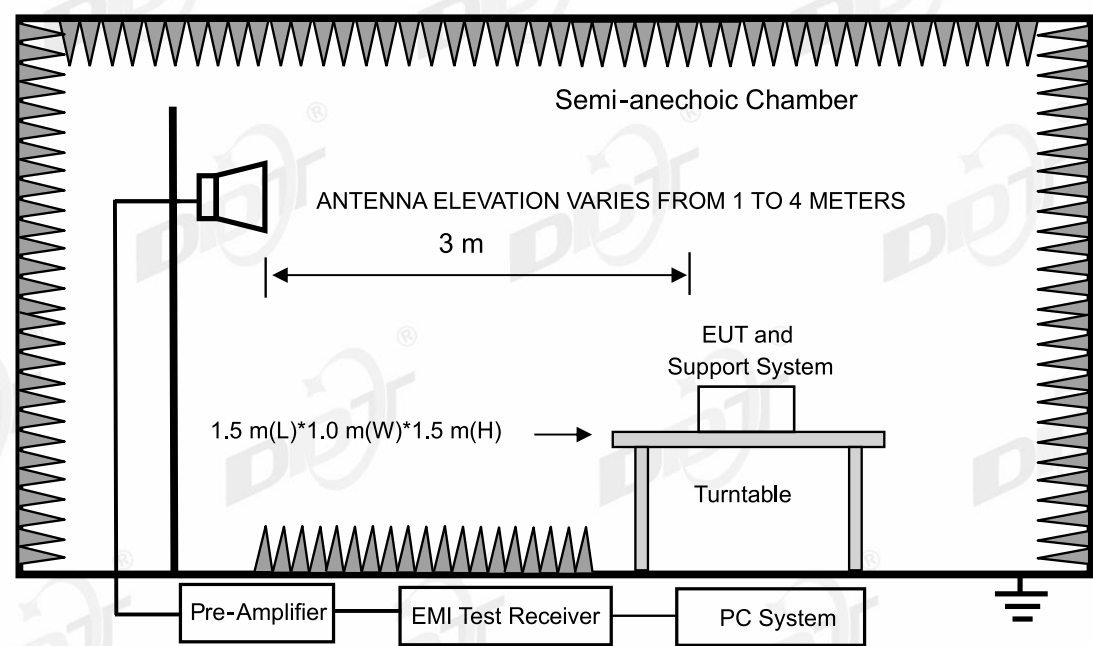
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Band Edge Compliance

14.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2025/03/31	1 Year
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2025/04/22	1 Year
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	/
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2025/04/22	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	/
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2025/09/11	2 Year
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2025/04/26	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14	1 Year
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2025/07/08	1 Year
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2025/04/22	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2025/09/18	2 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2025/03/31	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2025/03/31	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2025/07/11	2 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2025/03/31	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2025/03/31	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2025/03/31	1 Year
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2025/03/31	1 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2025/03/31	1 Year

14.2. Block diagram of test setup



14.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

14.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

14.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

14.6. Test result

PASS. (See below detailed test result)

14.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5180MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

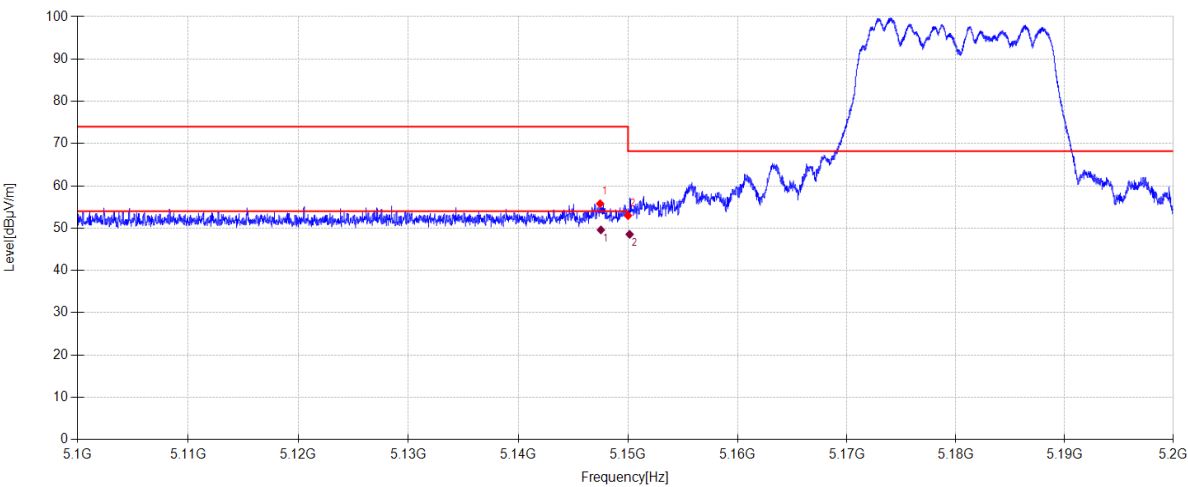
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\39

Memo:

Sample Number:S25011512-001 Power Setting:0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.460	46.69	33.40	5.28	-29.60	55.77	74.00	18.23	PK	Horizontal
2	5150.000	43.90	33.40	5.28	-29.60	52.98	68.20	15.22	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5147.526	40.51	33.40	5.28	49.59	54.0	4.41	AV	Horizontal	
2	5150.150	39.46	33.40	5.28	48.54	54.0	5.46	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5180MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

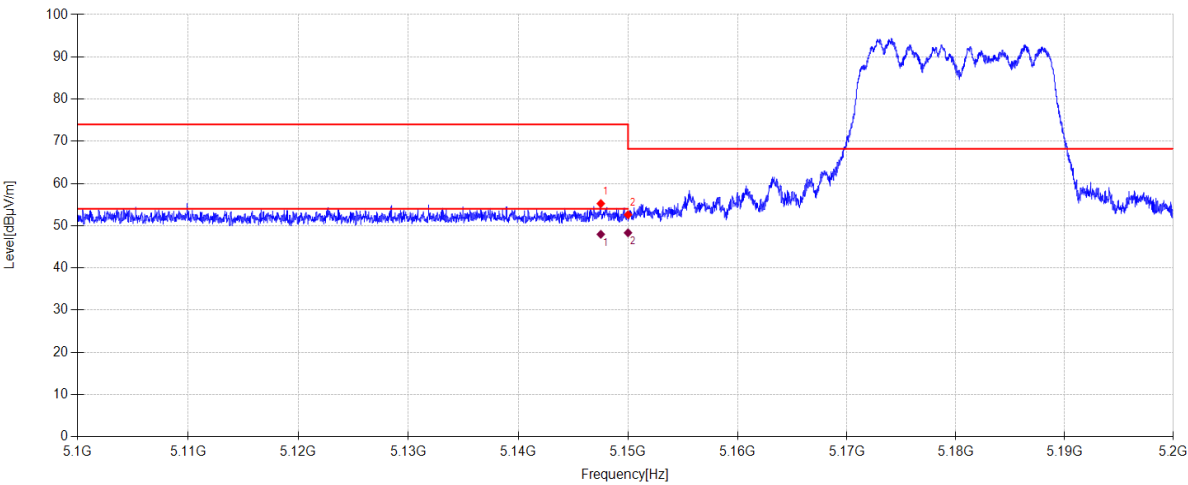
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\40

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.520	46.16	33.40	5.28	-29.60	55.24	74.00	18.76	PK	Vertical
2	5150.000	43.53	33.40	5.28	-29.60	52.61	68.20	15.59	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.520	38.89	33.40	5.28	47.97	54.0	6.03	AV	Vertical
2	5150.000	39.24	33.40	5.28	48.32	54.0	5.68	AV	Vertical

Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5320MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

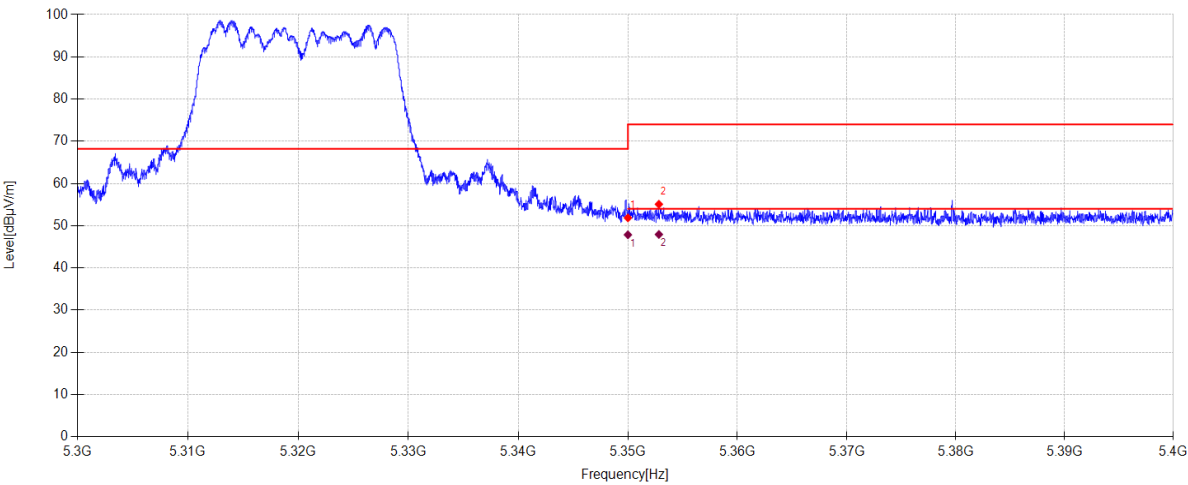
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.95	33.10	5.41	-29.60	51.86	68.20	16.34	PK	Horizontal
2	5352.830	46.18	33.10	5.41	-29.60	55.09	74.00	18.91	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5350.000	38.94	33.10	5.41	47.85	54.0	6.15	AV	Horizontal	
2	5352.830	39.03	33.10	5.41	47.94	54.0	6.06	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

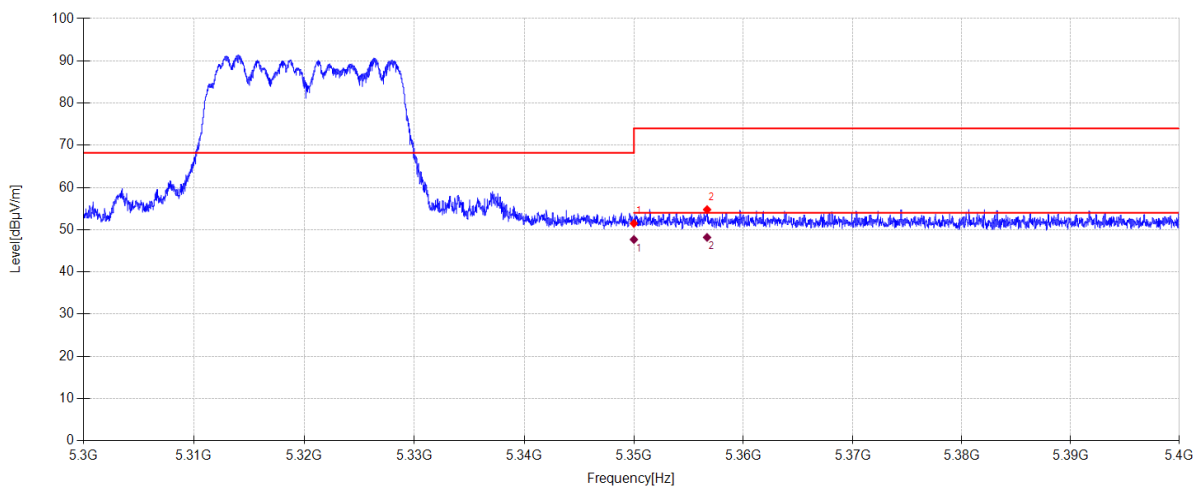
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-01-24 **Tested By:** Zhong Nan
EUT: Tabletop Wireless Speaker **Model Number:** EDF100092
Test Mode: N20 5320MHz TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:23.0°C;Humi:42.7% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\42
Memo: Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	42.58	33.10	5.41	-29.60	51.49	68.20	16.71	PK	Vertical
2	5356.680	45.84	33.10	5.42	-29.60	54.76	74.00	19.24	PK	Vertical

Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.000	38.77	33.10	5.41	47.68	54.0	6.32	AV	Vertical
2	5356.680	39.26	33.10	5.42	48.18	54.0	5.82	AV	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5500MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

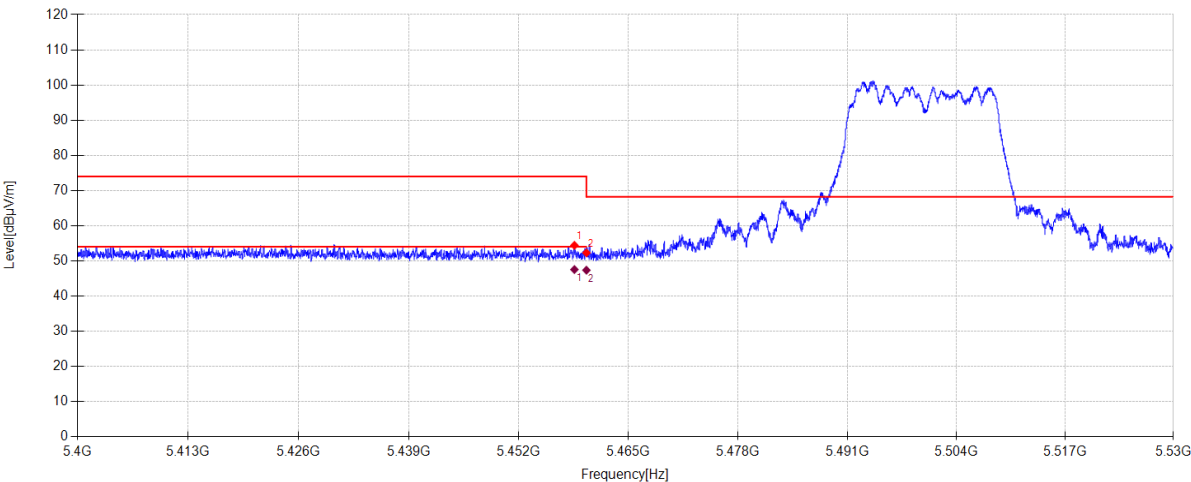
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.578	45.54	33.00	5.48	-29.60	54.42	74.00	19.58	PK	Horizontal
2	5460.000	43.42	33.00	5.48	-29.60	52.30	68.20	15.90	PK	Horizontal

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5458.578	38.67	33.00	5.48	47.55	54.0	6.45	AV	Horizontal	
2	5460.000	38.48	33.00	5.48	47.36	54.0	6.64	AV	Horizontal	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5500MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

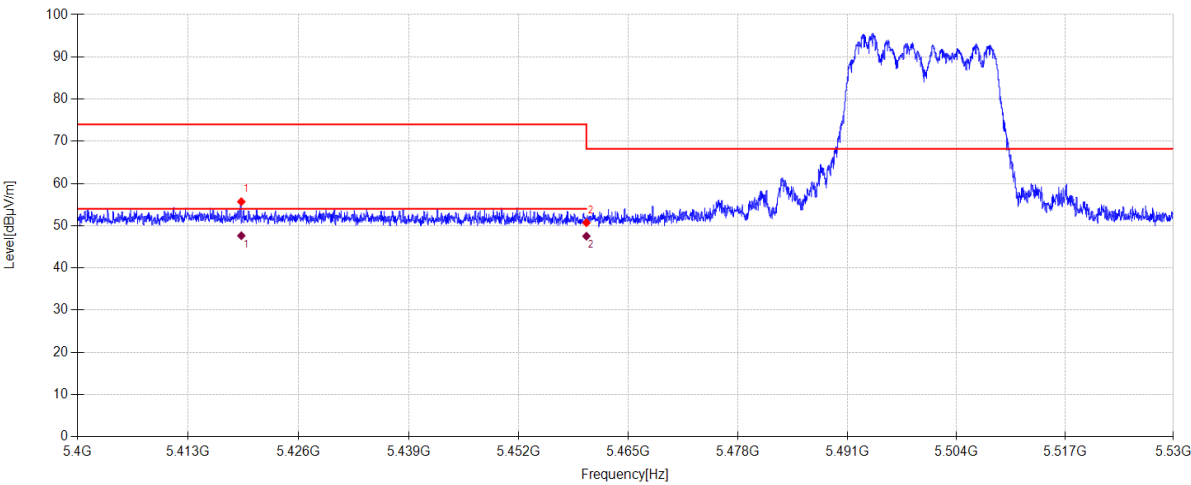
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5419.253	46.77	33.06	5.46	-29.60	55.69	74.00	18.31	PK	Vertical
2	5460.000	41.84	33.00	5.48	-29.60	50.72	68.20	17.48	PK	Vertical

Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity	
1	5419.253	38.71	33.06	5.46	47.63	54.0	6.37	AV	Vertical	
2	5460.000	38.64	33.00	5.48	47.52	54.0	6.48	AV	Vertical	

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5700MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

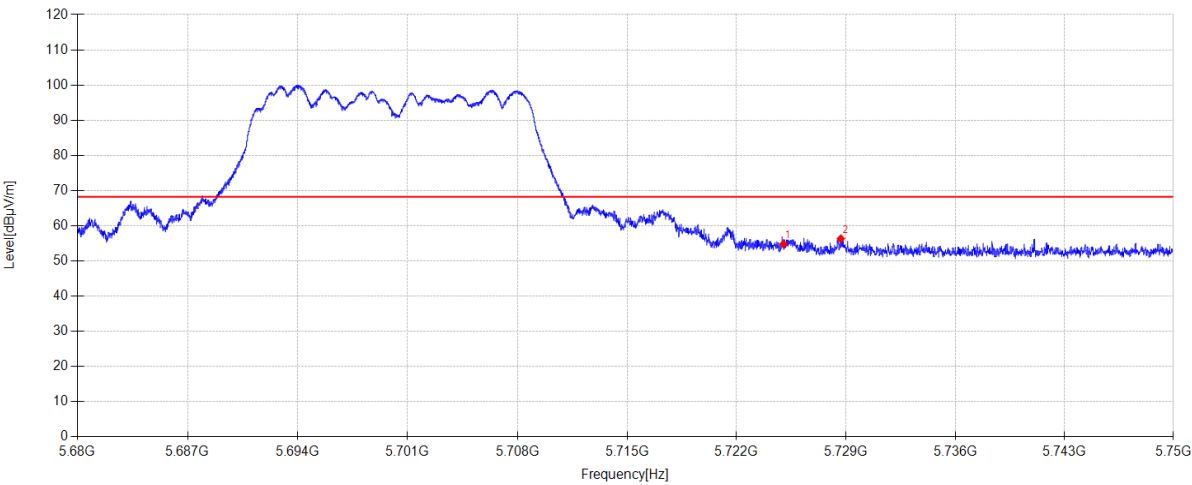
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d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\45

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	44.96	33.75	5.66	-29.60	54.77	68.20	13.43	PK	Horizontal
2	5728.671	46.48	33.77	5.66	-29.60	56.31	68.20	11.89	PK	Horizontal

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5700MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

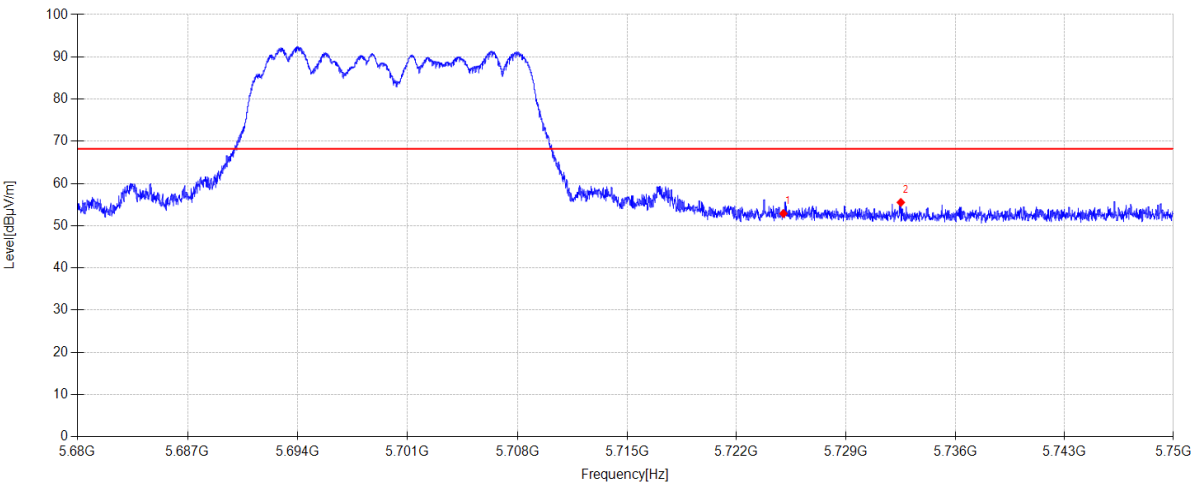
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.000	43.07	33.75	5.66	-29.60	52.88	68.20	15.32	PK	Vertical
2	5732.514	45.66	33.80	5.66	-29.60	55.52	68.20	12.68	PK	Vertical

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5700MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

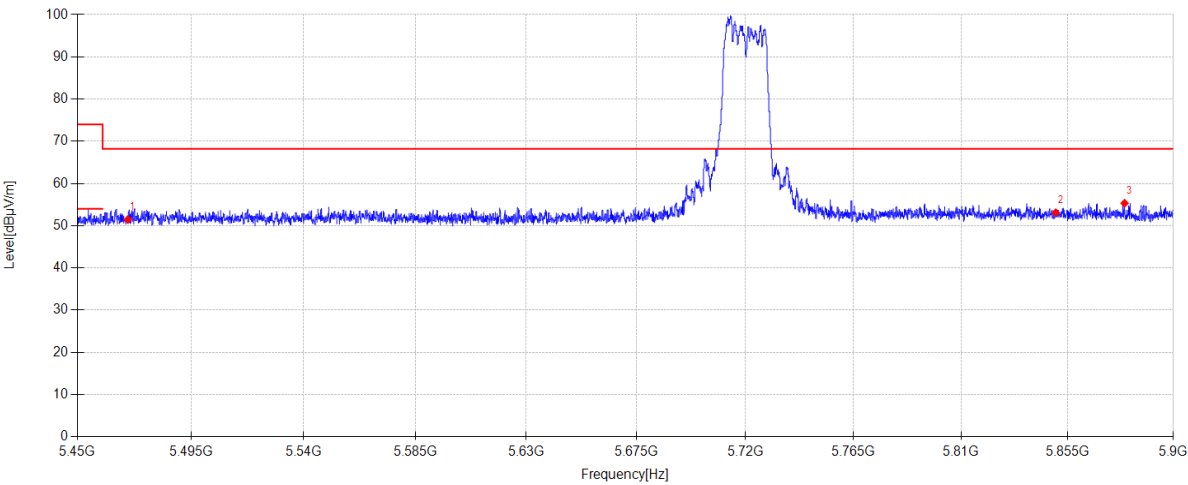
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5470.000	42.59	33.00	5.49	-29.60	51.48	68.20	16.72	PK	Horizontal
2	5850.000	42.95	34.00	5.74	-29.60	53.09	68.20	15.11	PK	Horizontal
3	5879.210	45.10	34.06	5.76	-29.60	55.32	68.20	12.88	PK	Horizontal

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-24

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5700MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

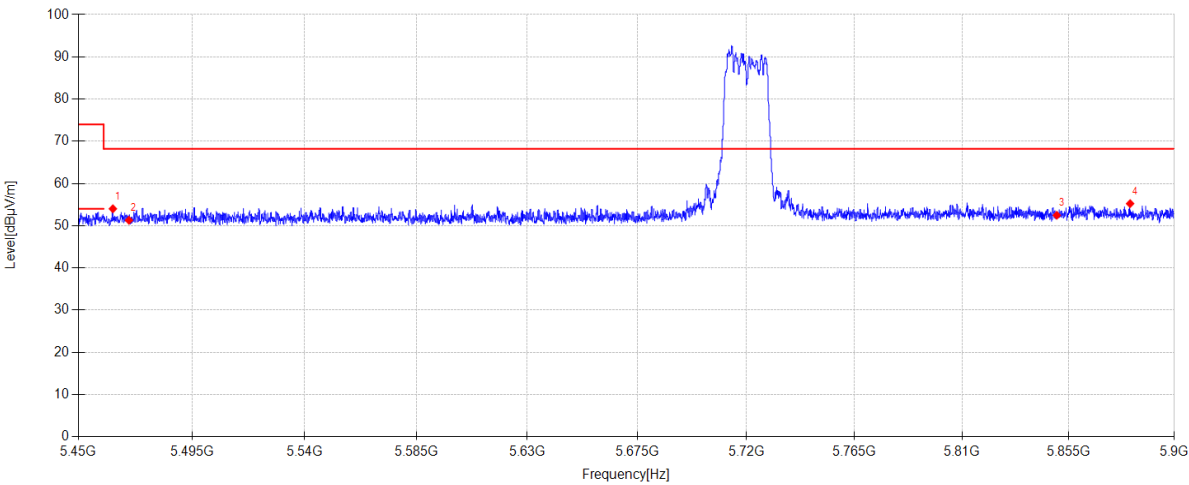
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\48

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5463.635	45.12	33.00	5.49	-29.60	54.01	68.20	14.19	PK	Vertical
2	5470.000	42.39	33.00	5.49	-29.60	51.28	68.20	16.92	PK	Vertical
3	5850.000	42.34	34.00	5.74	-29.60	52.48	68.20	15.72	PK	Vertical
4	5881.145	45.02	34.06	5.76	-29.60	55.24	68.20	12.96	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5745MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

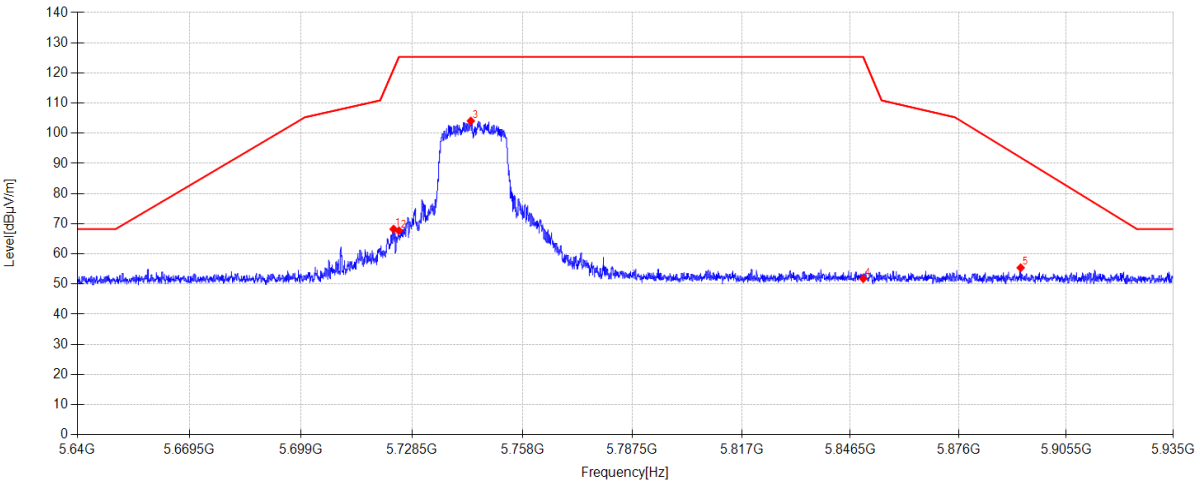
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\25

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.574	58.42	33.74	5.66	-29.60	68.22	121.19	52.97	PK	Horizontal
2	5725.000	57.88	33.75	5.66	-29.60	67.69	125.30	57.61	PK	Horizontal
3	5744.194	94.13	33.87	5.67	-29.60	104.07	125.30	21.23	PK	Horizontal
4	5850.000	41.66	34.00	5.74	-29.60	51.80	125.30	73.50	PK	Horizontal
5	5892.992	45.13	34.09	5.77	-29.60	55.39	91.95	36.56	PK	Horizontal

- Note:
1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5745MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

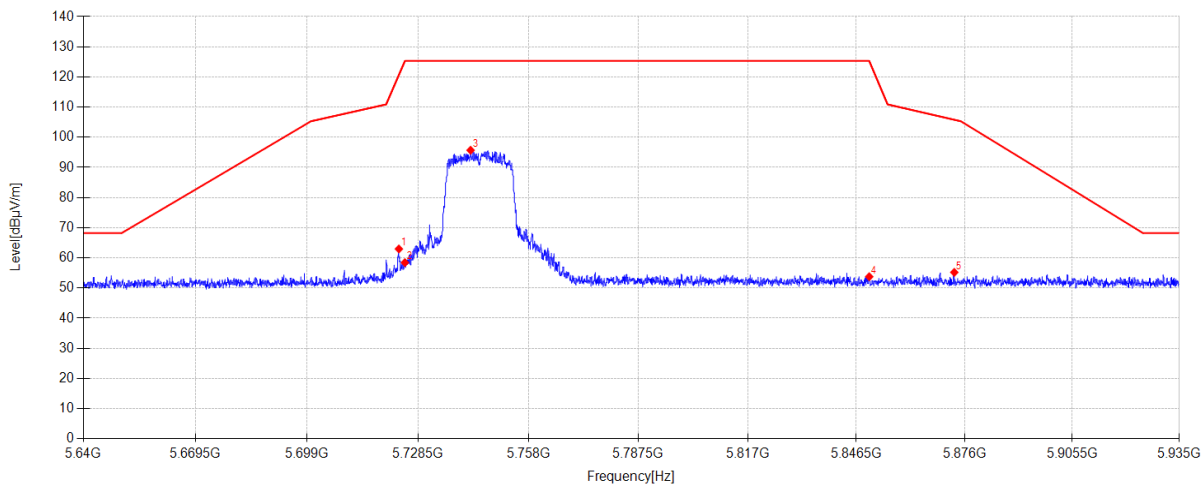
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\26

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.397	53.17	33.74	5.66	-29.60	62.97	120.68	57.71	PK	Vertical
2	5725.000	48.62	33.75	5.66	-29.60	58.43	125.30	66.87	PK	Vertical
3	5742.513	85.77	33.86	5.67	-29.60	95.70	125.30	29.60	PK	Vertical
4	5850.000	43.62	34.00	5.74	-29.60	53.76	125.30	71.54	PK	Vertical
5	5873.198	45.00	34.05	5.76	-29.60	55.21	105.80	50.59	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5785MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

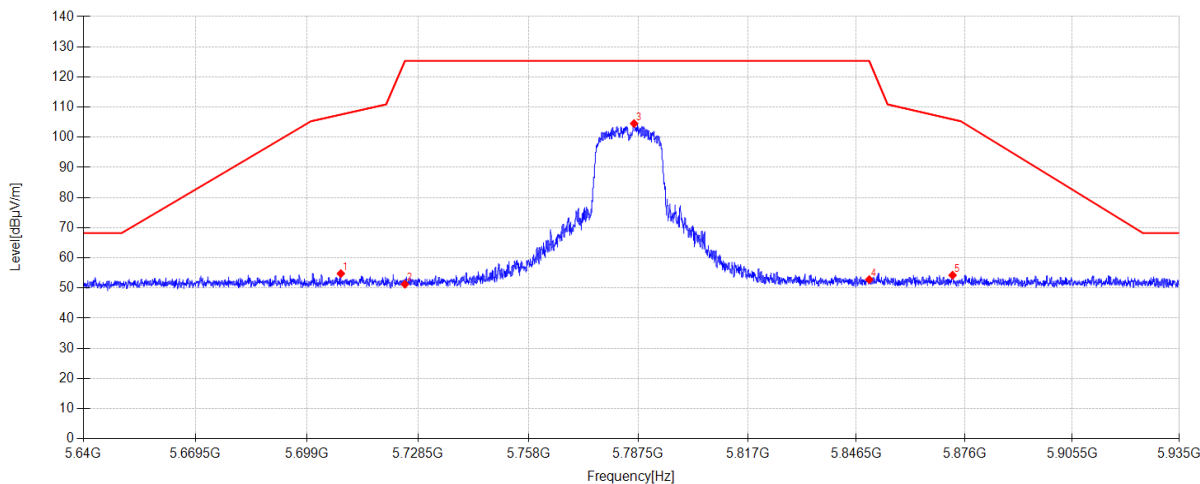
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\27

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.968	45.10	33.65	5.65	-29.60	54.80	107.53	52.73	PK	Horizontal
2	5725.000	41.45	33.75	5.66	-29.60	51.26	125.30	74.04	PK	Horizontal
3	5786.350	94.33	34.12	5.70	-29.60	104.55	125.30	20.75	PK	Horizontal
4	5850.000	42.67	34.00	5.74	-29.60	52.81	125.30	72.49	PK	Horizontal
5	5872.726	44.05	34.05	5.76	-29.60	54.26	105.94	51.68	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5785MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

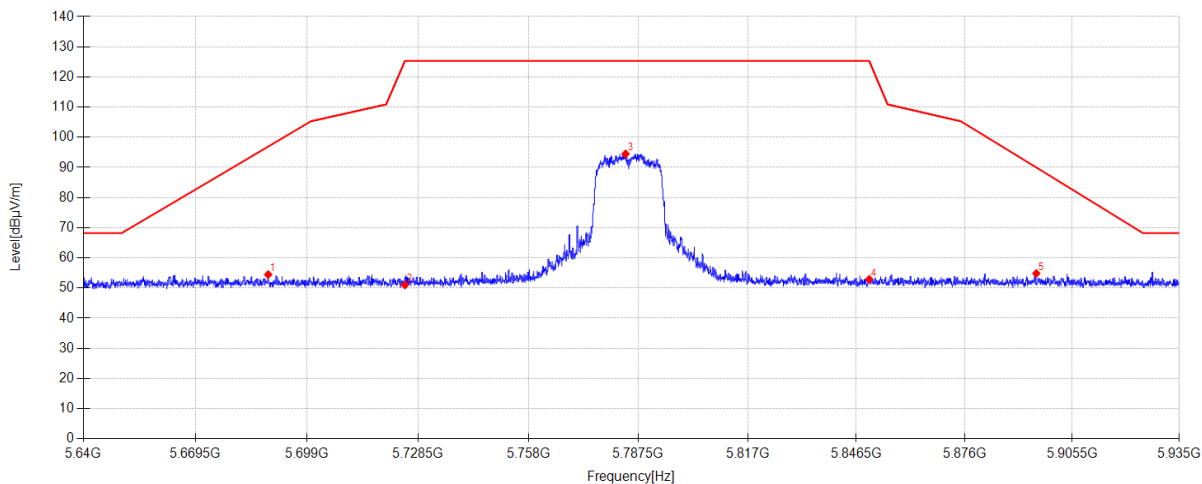
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d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\28

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5688.705	44.89	33.55	5.63	-29.60	54.47	96.92	42.45	PK	Vertical
2	5725.000	41.18	33.75	5.66	-29.60	50.99	125.30	74.31	PK	Vertical
3	5784.078	84.29	34.10	5.70	-29.60	94.49	125.30	30.81	PK	Vertical
4	5850.000	42.75	34.00	5.74	-29.60	52.89	125.30	72.41	PK	Vertical
5	5895.647	44.60	34.09	5.77	-29.60	54.86	89.98	35.12	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5825MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

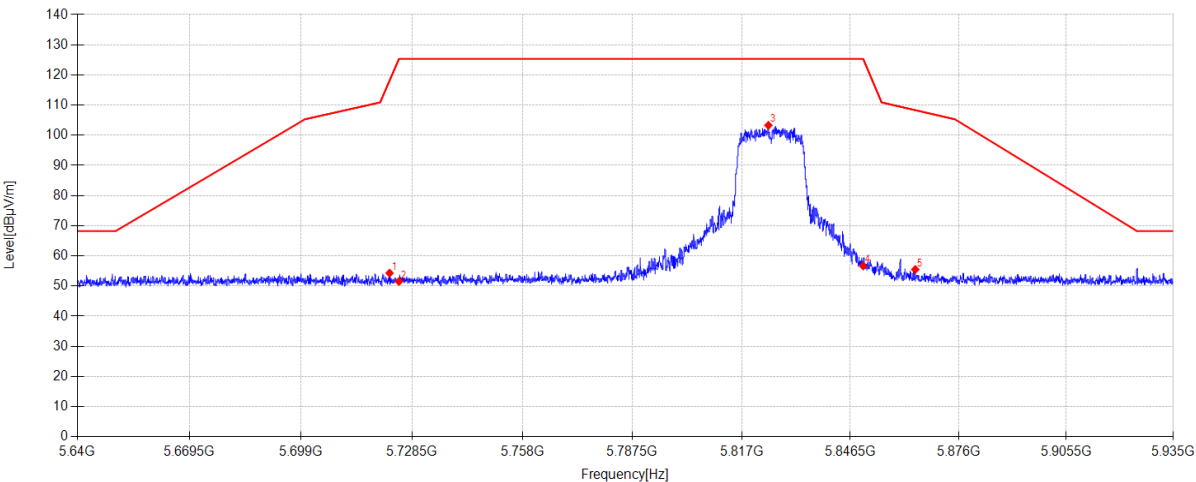
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Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.512	44.49	33.74	5.66	-29.60	54.29	118.13	63.84	PK	Horizontal
2	5725.000	41.70	33.75	5.66	-29.60	51.51	125.30	73.79	PK	Horizontal
3	5824.257	93.08	34.10	5.72	-29.60	103.30	125.30	22.00	PK	Horizontal
4	5850.000	46.52	34.00	5.74	-29.60	56.66	125.30	68.64	PK	Horizontal
5	5864.171	45.32	34.03	5.75	-29.60	55.50	108.33	52.83	PK	Horizontal

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-01-23

Tested By:

Zhong Nan

EUT:

Tabletop Wireless Speaker

Model Number:

EDF100092

Test Mode:

N20 5825MHz TX Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.0°C;Humi:42.7%

Test Site:

DDT 3# Chamber

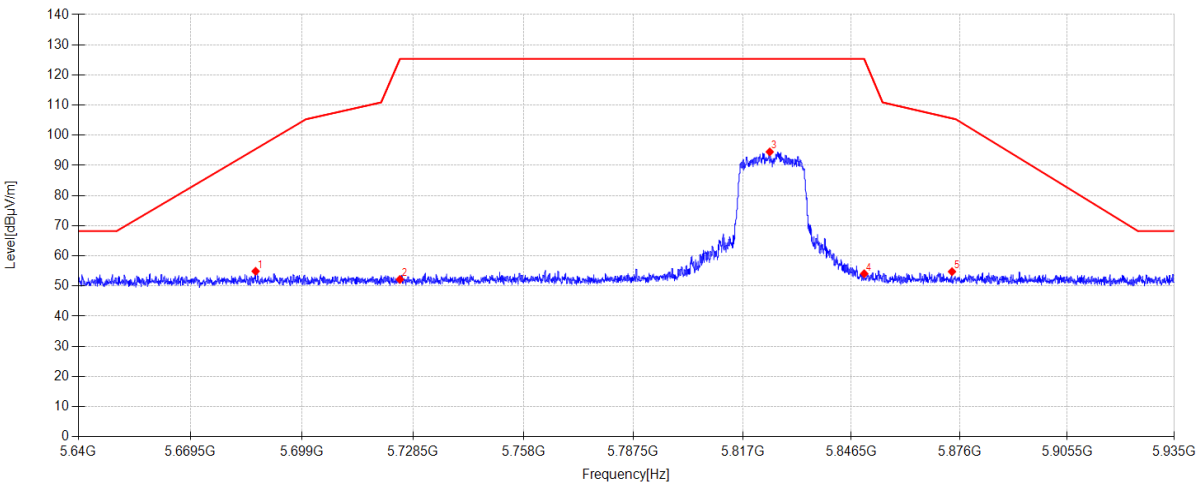
File Path:

d:\ts\2024 report data\Q25011512-1E\FCC ABOVE1G 5G\30

Memo:

Sample Number:S25011512-001 Power Setting: 0F00

Test Graph



Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5686.699	45.32	33.55	5.63	-29.60	54.90	95.43	40.53	PK	Vertical
2	5725.000	42.38	33.75	5.66	-29.60	52.19	125.30	73.11	PK	Vertical
3	5824.346	84.27	34.10	5.72	-29.60	94.49	125.30	30.81	PK	Vertical
4	5850.000	43.95	34.00	5.74	-29.60	54.09	125.30	71.21	PK	Vertical
5	5873.935	44.55	34.05	5.76	-29.60	54.76	105.60	50.84	PK	Vertical

Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

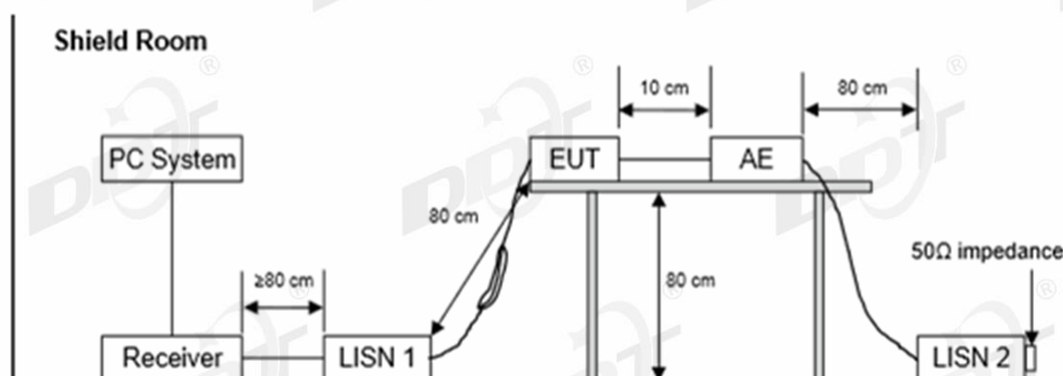
15. Power Line Conducted Emissions

15.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
Conducted Radiated Software	Audix	E3	DDT-ZC00562	/	/
Three-phase artificial power network	SCHWARZBECK	NSLK 8163	DDT-ZC01572	2025/07/08	1 Year
Two Line V-Network	R&S	ENV216	DDT-ZC02059	2025/07/08	1 Year
RF Cable	Yuhu Technology	Z806-NJ-NJ-6M	DDT-ZC02004	2025/07/08	1 Year
Δ -shaped artificial power network	SCHWARZBECK	PVDC 8301	DDT-ZC03939	2025/03/31	1 Year
EMI Test Receiver	R&S	ESCI/E3	DDT-ZC01297	2025/07/08	1 Year
Pulse Limiter	SCHWARZBECK	VTSD 9561	DDT-ZC02128	2025/07/08	1 Year
Two Line V-Network	R&S	ENV216	DDT-ZC02056	2025/07/08	1 Year

Note: The test date is 2024/07/09.

15.2. Block diagram of test setup



15.3. Limits

Frequency	Quasi-Peak Level dB(mV)	Average Level dB(mV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

15.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

15.5. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: “----” means Peak detection; “-----” means Average detection.

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded the worst case.

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2025 Report Date\Q25011512-1E\0221 CE.EM6

Test Date : 2025-02-21

Tested By : Zhong Nan

EUT : Tabletop Wireless Speaker

Model Number : EDF100092

Power Supply : AC 120V/60Hz

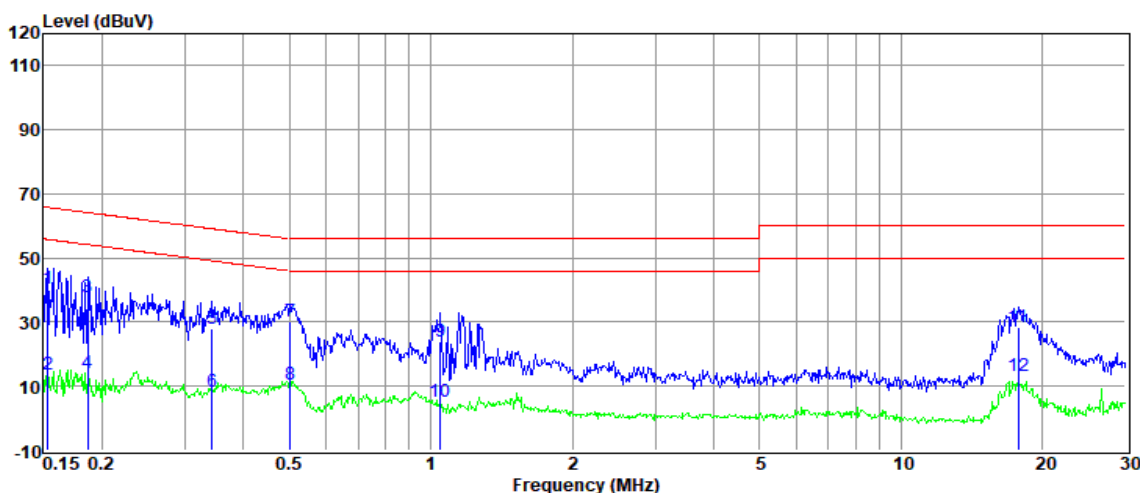
Test Mode : 5Gwifi mode

Condition : Temp:20.1°C,Humi:49.3%

LISN : 2024 ENV216 3#/LINE

Memo : S25011512-010

Data: 18



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	20.61	9.78	0.07	9.83	40.29	65.82	-25.53	QP	LINE
2	0.15	-5.91	9.78	0.07	9.83	13.77	55.82	-42.05	Average	LINE
3	0.19	17.99	9.77	0.06	9.83	37.65	64.20	-26.55	QP	LINE
4	0.19	-5.59	9.77	0.06	9.83	14.07	54.20	-40.13	Average	LINE
5	0.34	8.20	9.76	0.07	9.83	27.86	59.13	-31.27	QP	LINE
6	0.34	-11.35	9.76	0.07	9.83	8.31	49.13	-40.82	Average	LINE
7	0.50	10.43	9.75	0.11	9.83	30.12	56.00	-25.88	QP	LINE
8	0.50	-8.93	9.75	0.11	9.83	10.76	46.00	-35.24	Average	LINE
9	1.05	4.34	9.74	0.12	9.84	24.04	56.00	-31.96	QP	LINE
10	1.05	-14.44	9.74	0.12	9.84	5.26	46.00	-40.74	Average	LINE
11	17.76	8.51	9.93	0.25	9.93	28.62	60.00	-31.38	QP	LINE
12	17.76	-7.01	9.93	0.25	9.93	13.10	50.00	-36.90	Average	LINE

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

D:\2025 Report Date\Q25011512-1E\0221 CE.EM6

Test Date : 2025-02-21

Tested By : Zhong Nan

EUT : Tabletop Wireless Speaker

Model Number : EDF100092

Power Supply : AC 120V/60Hz

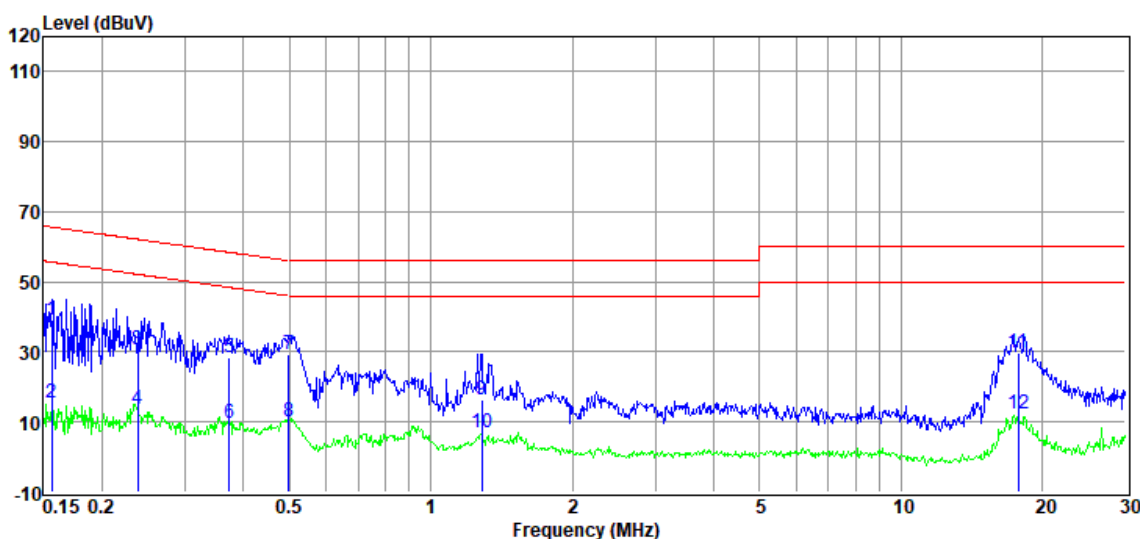
Test Mode : 5Gwifi mode

Condition : Temp:20.1°C,Humi:49.3%

LISN : 2024 ENV216 3#/NEUTRAL

Memo : S25011512-010

Data: 20



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.16	19.31	9.78	0.07	9.83	38.99	65.65	-26.66	QP	NEUTRAL
2	0.16	-4.41	9.78	0.07	9.83	15.27	55.65	-40.38	Average	NEUTRAL
3	0.24	11.08	9.76	0.06	9.83	30.73	62.17	-31.44	QP	NEUTRAL
4	0.24	-6.11	9.76	0.06	9.83	13.54	52.17	-38.63	Average	NEUTRAL
5	0.37	8.92	9.76	0.08	9.83	28.59	58.43	-29.84	QP	NEUTRAL
6	0.37	-9.81	9.76	0.08	9.83	9.86	48.43	-38.57	Average	NEUTRAL
7	0.50	9.56	9.77	0.11	9.83	29.27	56.01	-26.74	QP	NEUTRAL
8	0.50	-9.80	9.77	0.11	9.83	9.91	46.01	-36.10	Average	NEUTRAL
9	1.28	-3.43	9.76	0.12	9.84	16.29	56.00	-39.71	QP	NEUTRAL
10	1.28	-12.91	9.76	0.12	9.84	6.81	46.00	-39.19	Average	NEUTRAL
11	17.76	9.55	9.95	0.25	9.93	29.68	60.00	-30.32	QP	NEUTRAL
12	17.76	-7.85	9.95	0.25	9.93	12.28	50.00	-37.72	Average	NEUTRAL

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

17. Photos of the EUT

Please refer to appendix I

-----End Report-----