

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5530MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

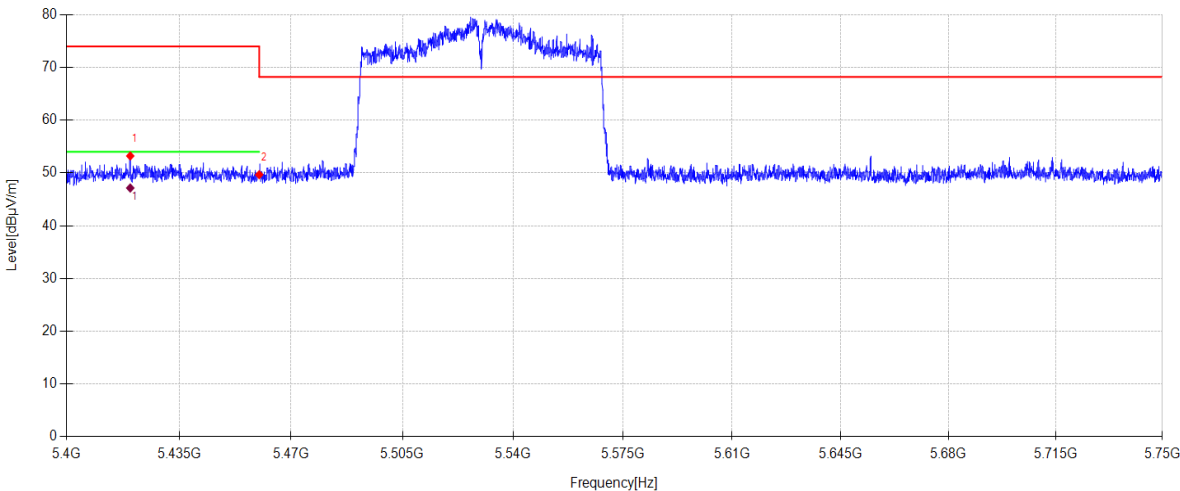
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d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G-5GWIFI\76

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5419.810	44.73	33.06	5.46	-30.03	53.22	74.00	20.78	PK	Horizontal
2	5460.000	41.22	33.00	5.48	-30.02	49.68	68.20	18.52	PK	Horizontal

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	5419.810	38.66	33.06	5.46	-30.03	47.15	54.0	6.85	AV	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:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5530MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

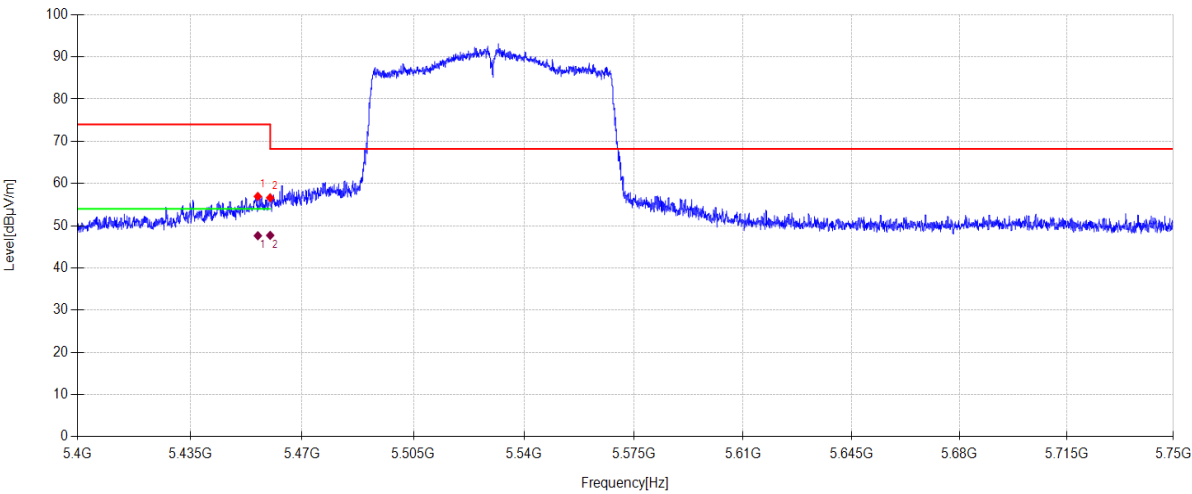
File Path:

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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5456.140	48.48	33.00	5.48	-30.02	56.94	74.00	17.06	PK	Vertical
2	5460.000	48.16	33.00	5.48	-30.02	56.62	68.20	11.58	PK	Vertical

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	5456.140	39.17	33.00	5.48	-30.02	47.63	54.0	6.37	AV	Vertical
2	5460.000	39.26	33.00	5.48	-30.02	47.72	54.0	6.28	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:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5670MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

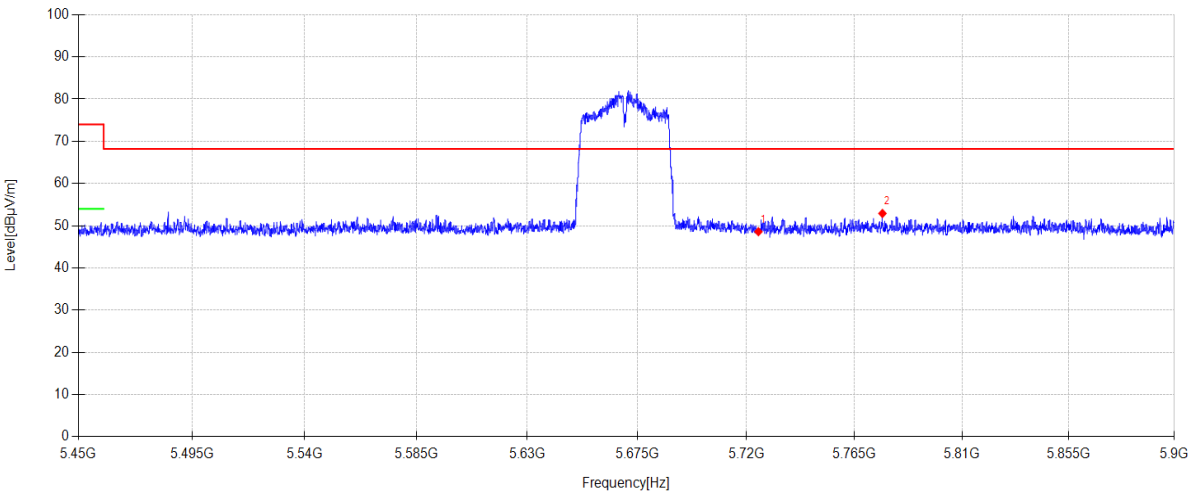
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	39.17	33.75	5.66	-29.99	48.59	68.20	19.61	PK	Horizontal
2	5776.655	43.14	34.06	5.69	-29.98	52.91	68.20	15.29	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:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5670MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

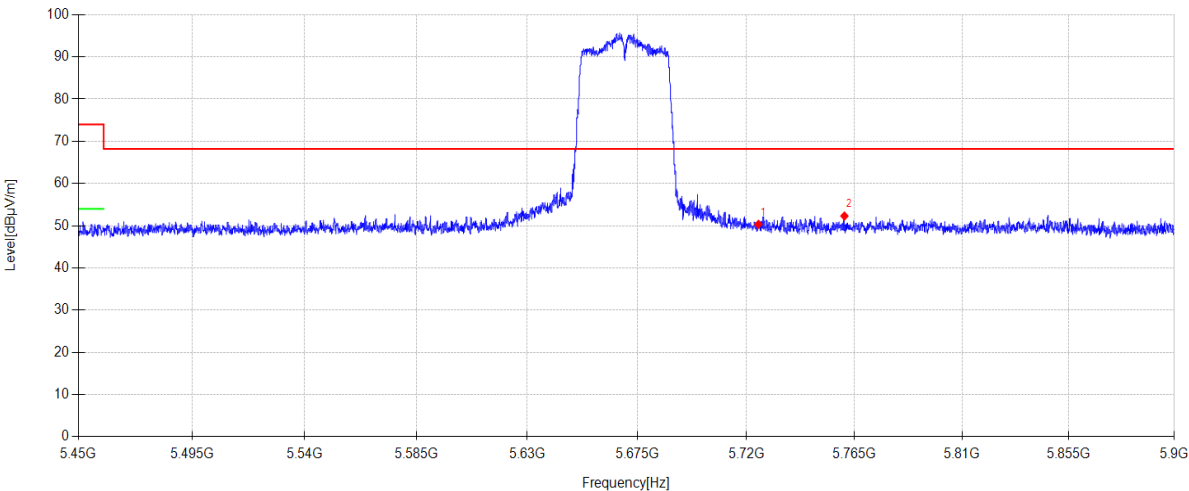
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	40.92	33.75	5.66	-29.99	50.34	68.20	17.86	PK	Vertical
2	5760.770	42.64	33.96	5.68	-29.98	52.30	68.20	15.90	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:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5670MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

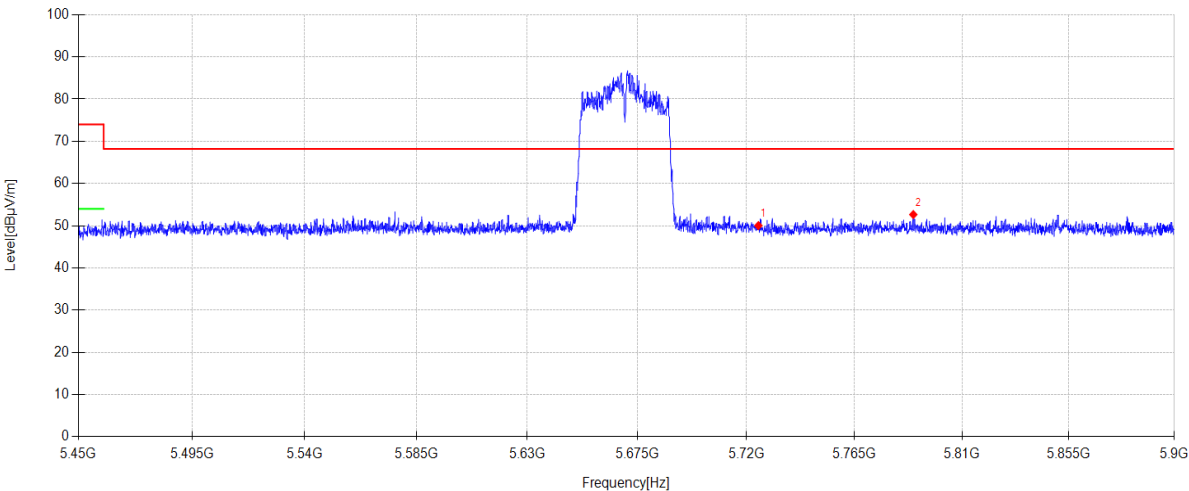
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	40.60	33.75	5.66	-29.99	50.02	68.20	18.18	PK	Horizontal
2	5789.570	42.79	34.14	5.70	-29.98	52.65	68.20	15.55	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:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5670MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

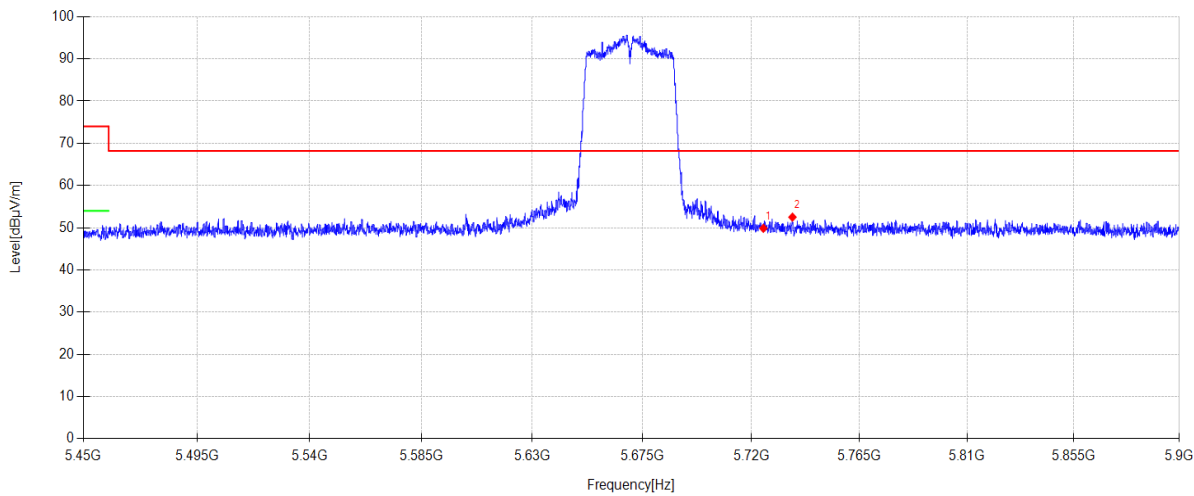
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	40.45	33.75	5.66	-29.99	49.87	68.20	18.33	PK	Vertical
2	5737.055	43.00	33.82	5.67	-29.98	52.51	68.20	15.69	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:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5610MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

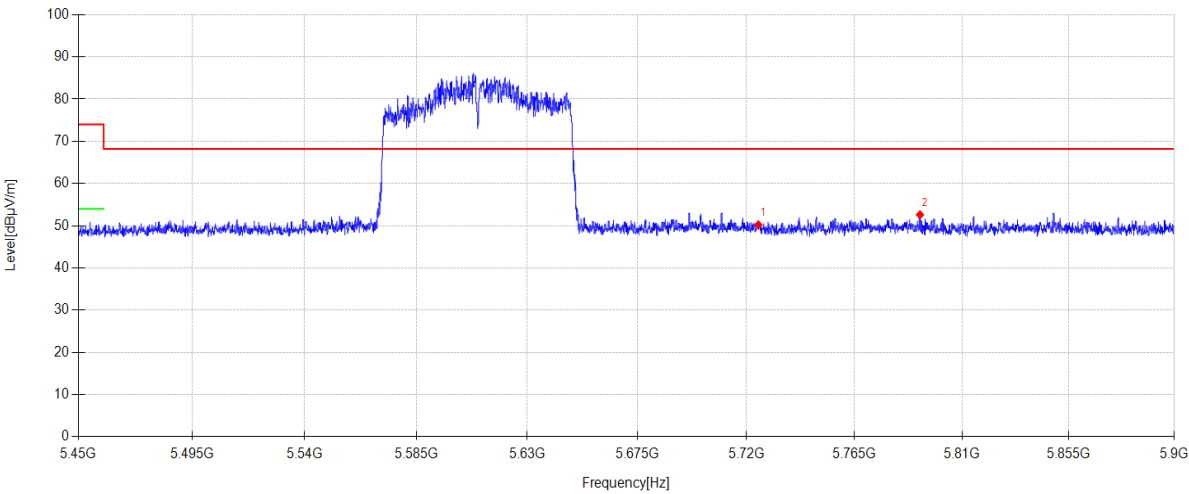
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	40.80	33.75	5.66	-29.99	50.22	68.20	17.98	PK	Horizontal
2	5792.360	42.73	34.15	5.70	-29.98	52.60	68.20	15.60	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:

2024-07-25

Tested By:

Genliu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5610MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

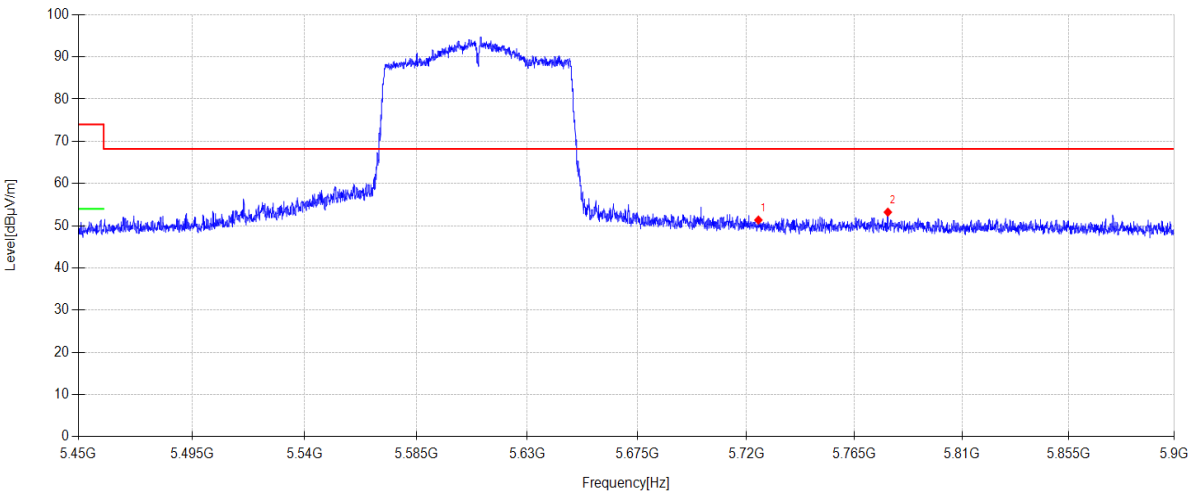
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	41.92	33.75	5.66	-29.99	51.34	68.20	16.86	PK	Vertical
2	5778.905	43.43	34.07	5.69	-29.98	53.21	68.20	14.99	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:

2024-08-21

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11A TX 5720MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

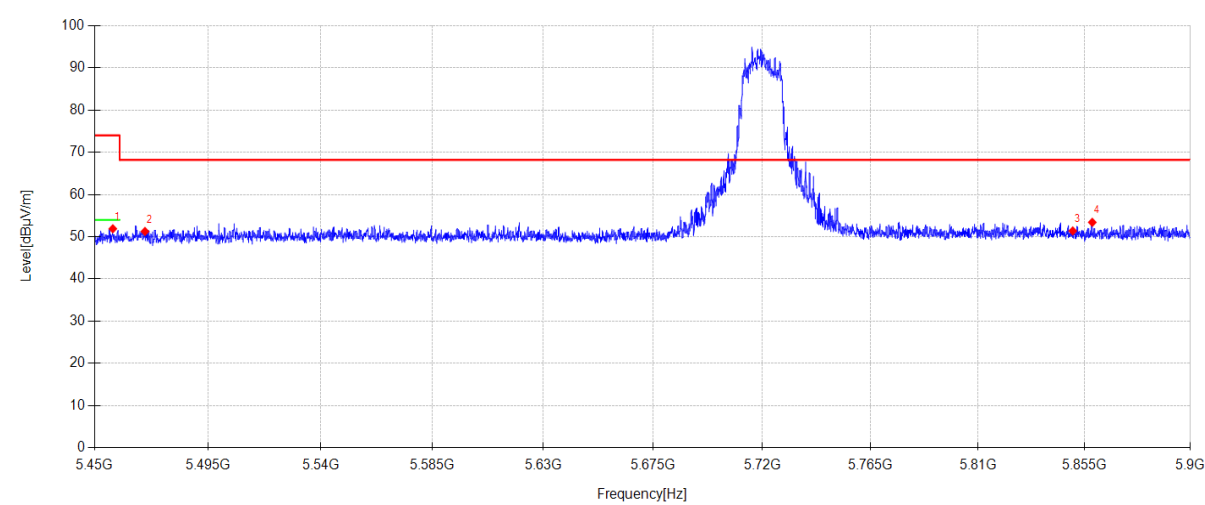
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5457.290	43.43	33.00	5.48	-30.02	51.89	74.00	22.11	PK	Horizontal
2	5470.000	42.78	33.00	5.49	-30.02	51.25	68.20	16.95	PK	Horizontal
3	5850.000	41.60	34.00	5.74	-29.97	51.37	68.20	16.83	PK	Horizontal
4	5858.285	43.61	34.02	5.75	-29.97	53.41	68.20	14.79	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:

2024-08-21

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11A TX 5720MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

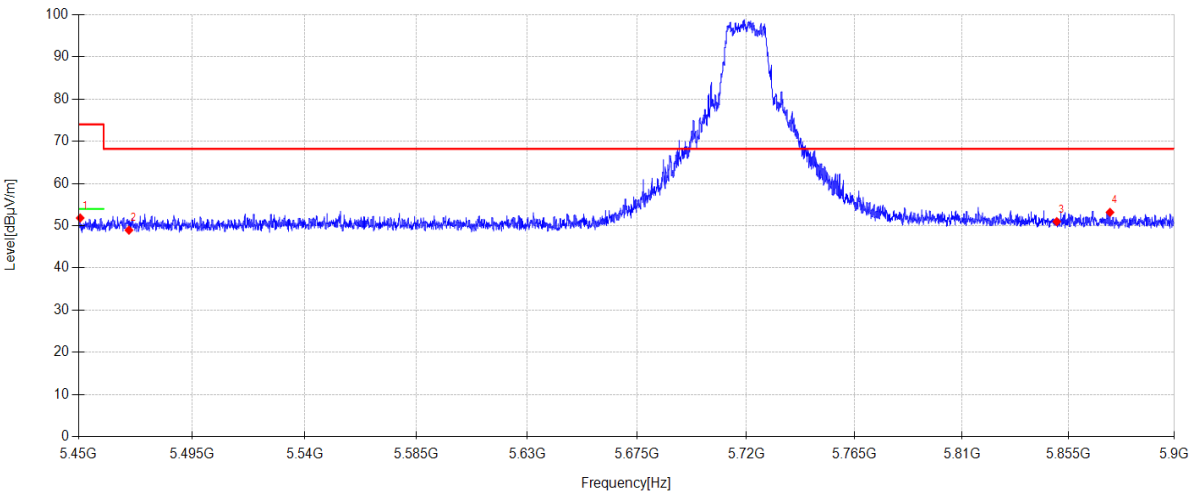
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5450.720	43.37	33.00	5.48	-30.02	51.83	74.00	22.17	PK	Vertical
2	5470.000	40.48	33.00	5.49	-30.02	48.95	68.20	19.25	PK	Vertical
3	5850.000	41.21	34.00	5.74	-29.97	50.98	68.20	17.22	PK	Vertical
4	5872.595	43.33	34.05	5.76	-29.97	53.17	68.20	15.03	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:

2024-08-21

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5720MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

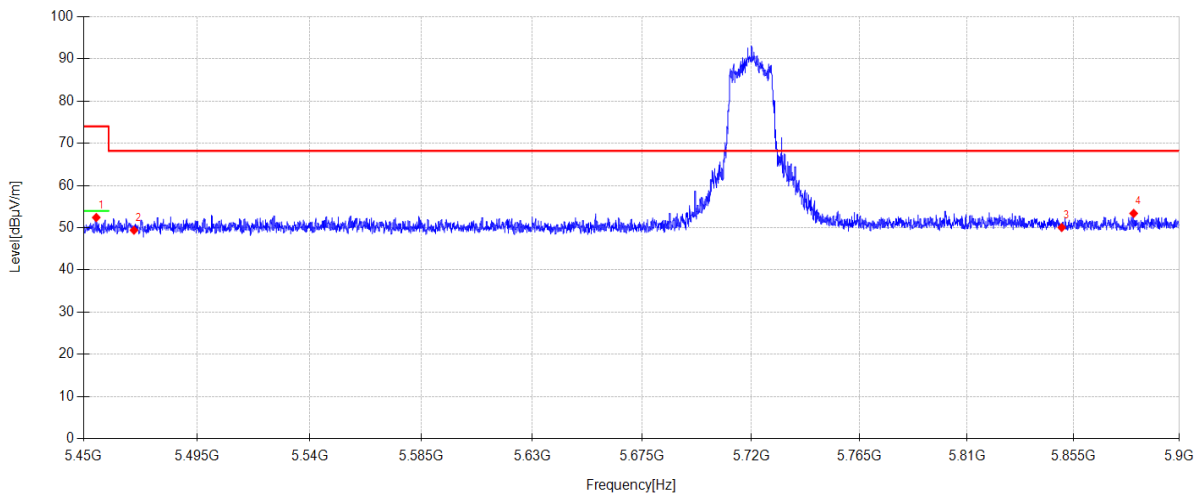
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5455.085	43.96	33.00	5.48	-30.02	52.42	74.00	21.58	PK	Horizontal
2	5470.000	40.94	33.00	5.49	-30.02	49.41	68.20	18.79	PK	Horizontal
3	5850.000	40.29	34.00	5.74	-29.97	50.06	68.20	18.14	PK	Horizontal
4	5880.515	43.54	34.06	5.76	-29.97	53.39	68.20	14.81	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:

2024-08-21

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5720MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

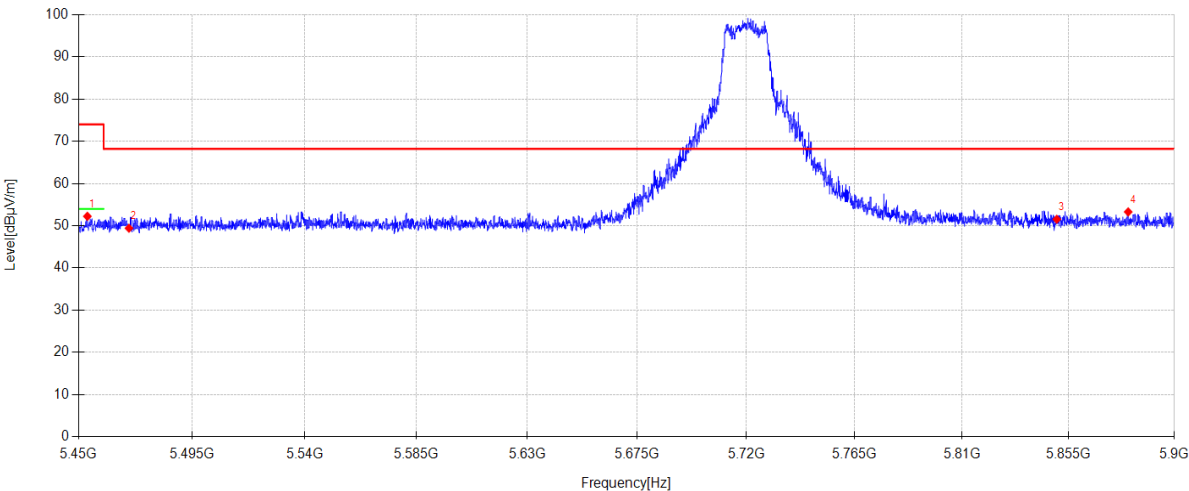
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5453.555	43.77	33.00	5.48	-30.02	52.23	74.00	21.77	PK	Vertical
2	5470.000	40.94	33.00	5.49	-30.02	49.41	68.20	18.79	PK	Vertical
3	5850.000	41.76	34.00	5.74	-29.97	51.53	68.20	16.67	PK	Vertical
4	5880.335	43.43	34.06	5.76	-29.97	53.28	68.20	14.92	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:

2024-08-21

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC20 TX 5720MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

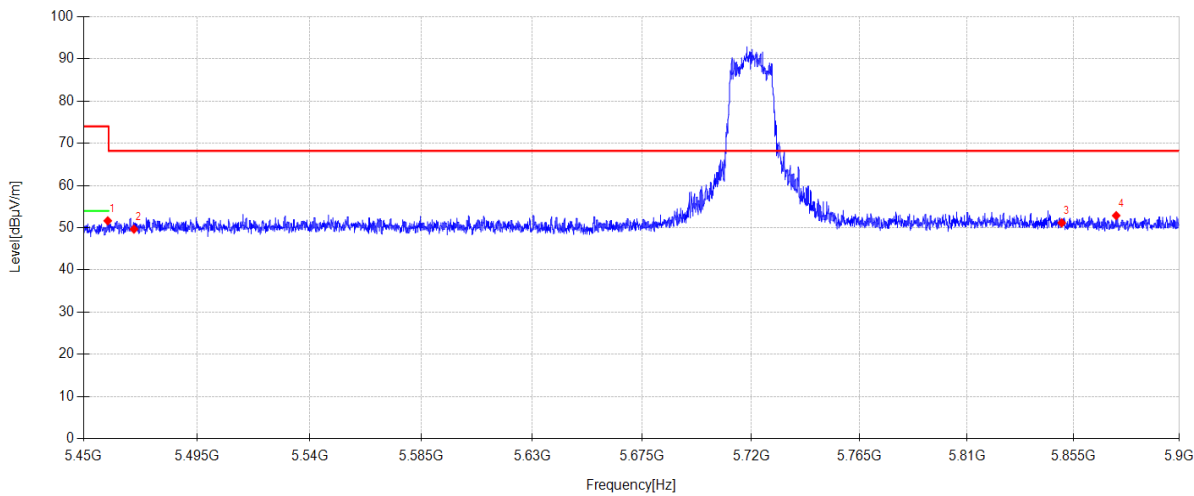
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5459.630	43.18	33.00	5.48	-30.02	51.64	74.00	22.36	PK	Horizontal
2	5470.000	41.19	33.00	5.49	-30.02	49.66	68.20	18.54	PK	Horizontal
3	5850.000	41.38	34.00	5.74	-29.97	51.15	68.20	17.05	PK	Horizontal
4	5873.090	43.03	34.05	5.76	-29.97	52.87	68.20	15.33	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC20 TX 5720MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

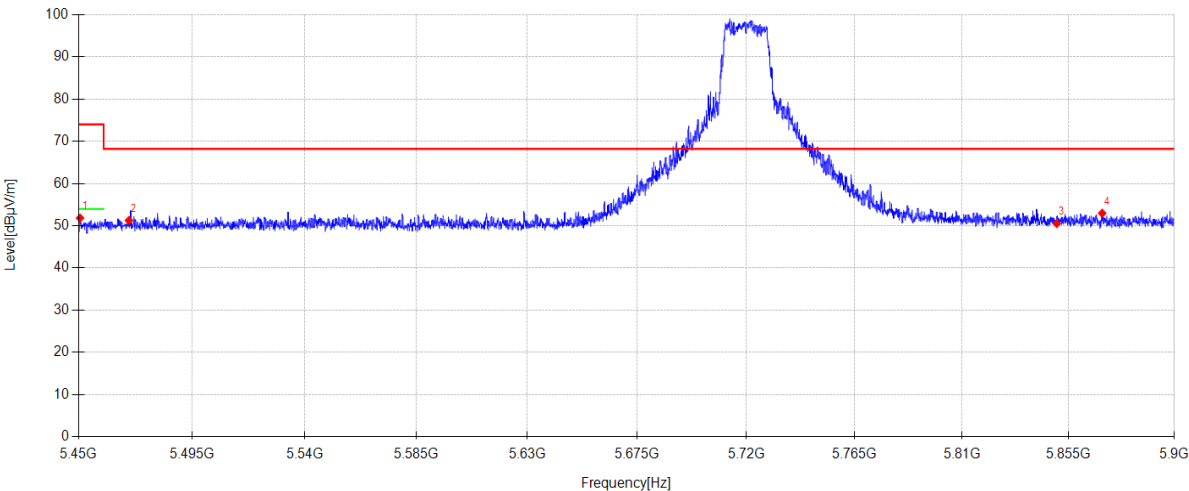
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5450.675	43.36	33.00	5.48	-30.02	51.82	74.00	22.18	PK	Vertical
2	5470.000	42.77	33.00	5.49	-30.02	51.24	68.20	16.96	PK	Vertical
3	5850.000	40.75	34.00	5.74	-29.97	50.52	68.20	17.68	PK	Vertical
4	5869.265	43.13	34.04	5.75	-29.97	52.95	68.20	15.25	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5710MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

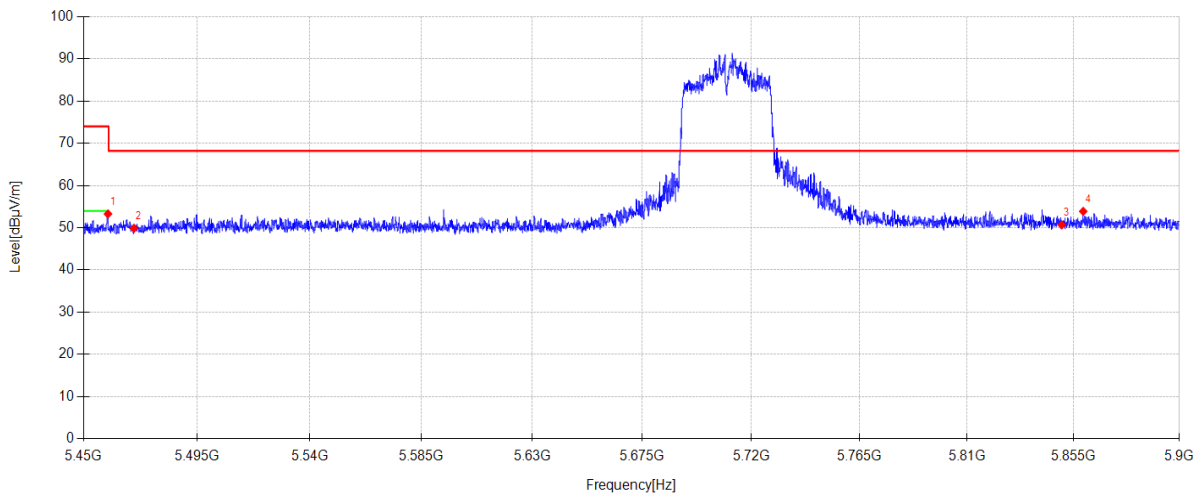
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5459.720	44.81	33.00	5.48	-30.02	53.27	74.00	20.73	PK	Horizontal
2	5470.000	41.40	33.00	5.49	-30.02	49.87	68.20	18.33	PK	Horizontal
3	5850.000	40.90	34.00	5.74	-29.97	50.67	68.20	17.53	PK	Horizontal
4	5859.095	44.08	34.02	5.75	-29.97	53.88	68.20	14.32	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5710MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

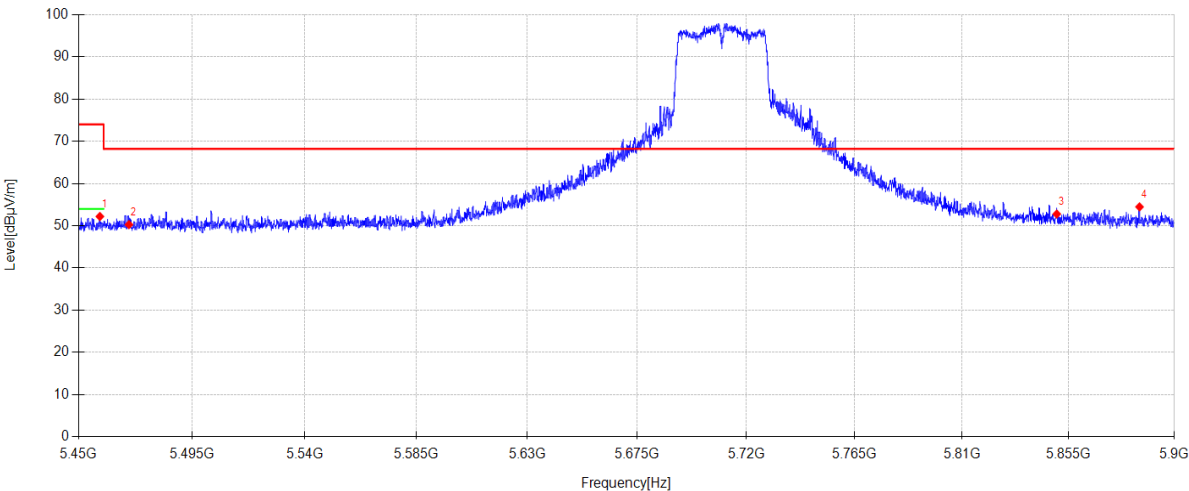
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d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G 5.8G\16

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5458.505	43.73	33.00	5.48	-30.02	52.19	74.00	21.81	PK	Vertical
2	5470.000	41.80	33.00	5.49	-30.02	50.27	68.20	17.93	PK	Vertical
3	5850.000	43.00	34.00	5.74	-29.97	52.77	68.20	15.43	PK	Vertical
4	5885.150	44.59	34.07	5.76	-29.96	54.46	68.20	13.74	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5710MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

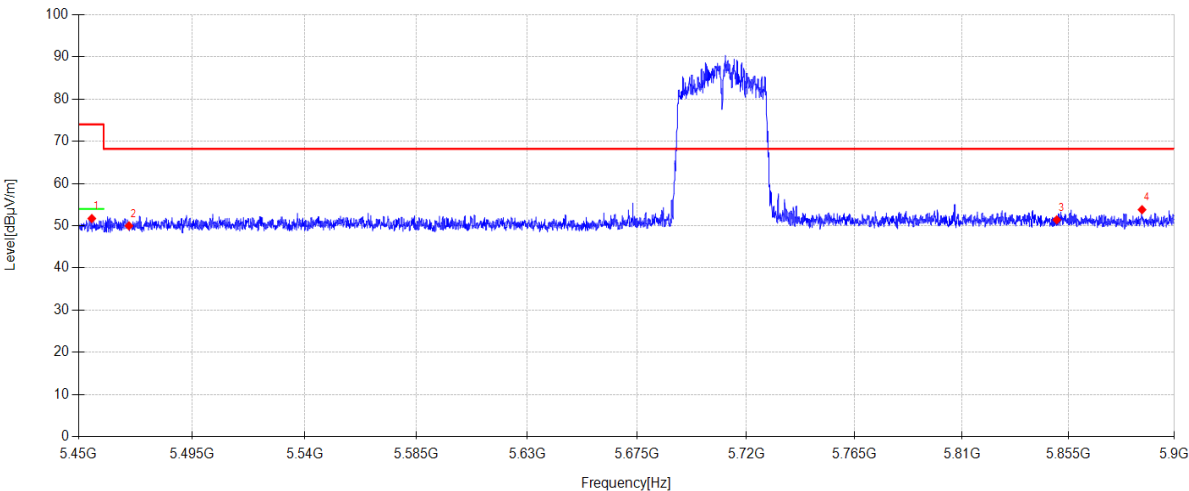
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5455.310	43.25	33.00	5.48	-30.02	51.71	74.00	22.29	PK	Horizontal
2	5470.000	41.51	33.00	5.49	-30.02	49.98	68.20	18.22	PK	Horizontal
3	5850.000	41.63	34.00	5.74	-29.97	51.40	68.20	16.80	PK	Horizontal
4	5886.230	43.93	34.07	5.76	-29.96	53.80	68.20	14.40	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5710MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

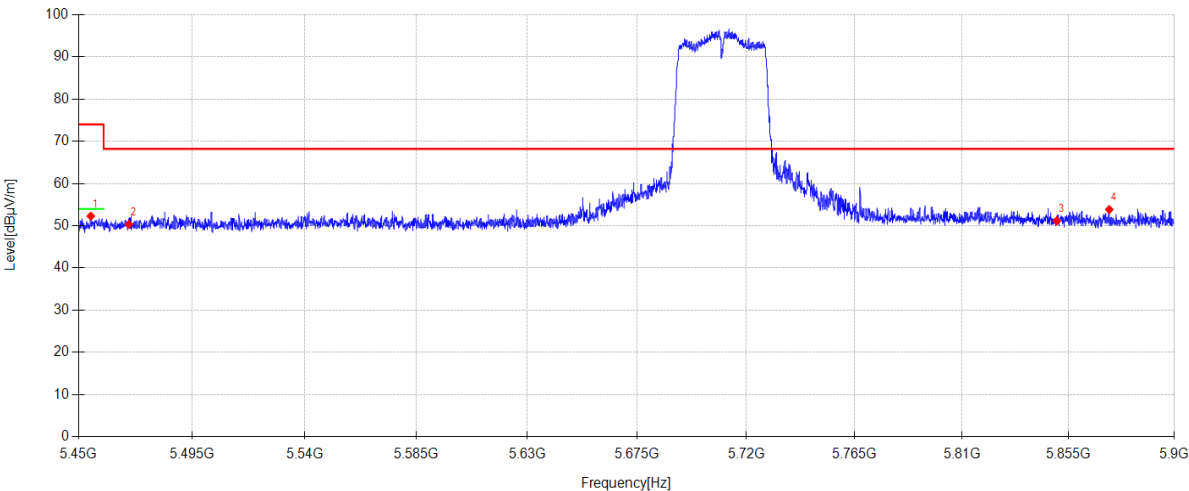
File Path:

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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5454.905	43.81	33.00	5.48	-30.02	52.27	74.00	21.73	PK	Vertical
2	5470.000	41.87	33.00	5.49	-30.02	50.34	68.20	17.86	PK	Vertical
3	5850.000	41.38	34.00	5.74	-29.97	51.15	68.20	17.05	PK	Vertical
4	5872.280	44.00	34.04	5.76	-29.97	53.83	68.20	14.37	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5690MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

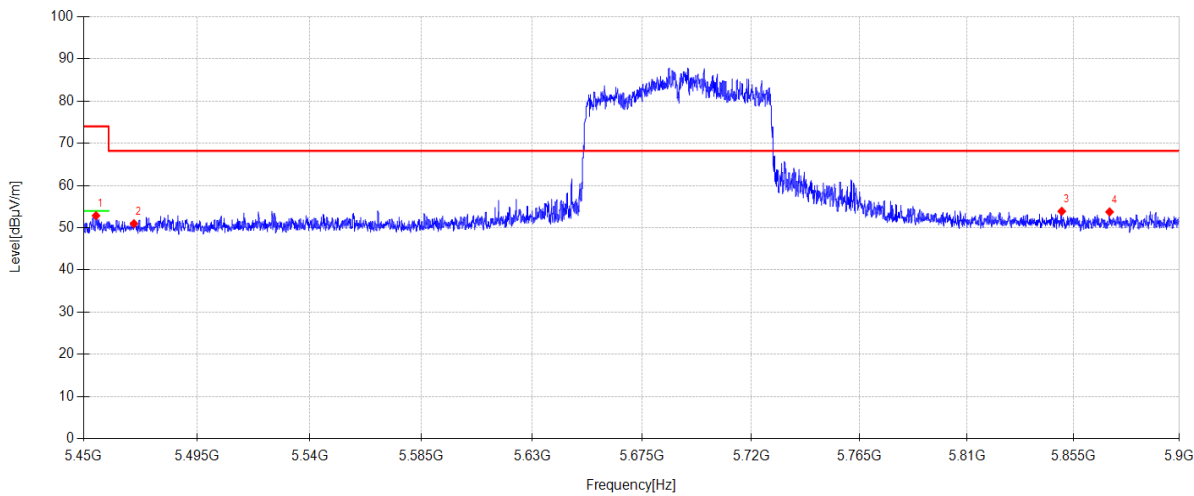
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d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G 5.8G\19

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5454.995	44.41	33.00	5.48	-30.02	52.87	74.00	21.13	PK	Horizontal
2	5470.000	42.50	33.00	5.49	-30.02	50.97	68.20	17.23	PK	Horizontal
3	5850.000	44.12	34.00	5.74	-29.97	53.89	68.20	14.31	PK	Horizontal
4	5870.300	43.93	34.04	5.75	-29.97	53.75	68.20	14.45	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5690MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

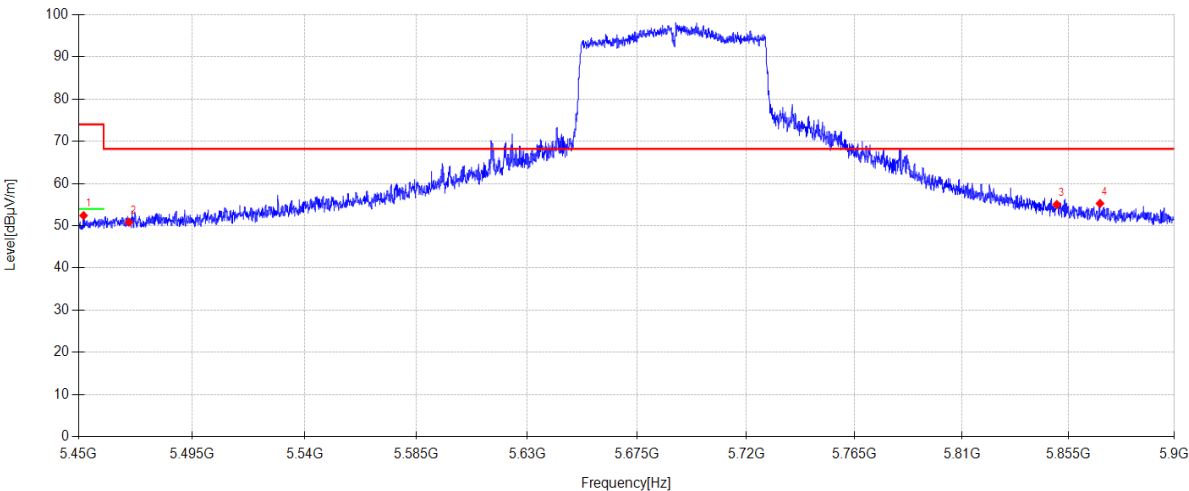
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5452.070	43.95	33.00	5.48	-30.02	52.41	74.00	21.59	PK	Vertical
2	5470.000	42.37	33.00	5.49	-30.02	50.84	68.20	17.36	PK	Vertical
3	5850.000	45.25	34.00	5.74	-29.97	55.02	68.20	13.18	PK	Vertical
4	5868.365	45.45	34.04	5.75	-29.97	55.27	68.20	12.93	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11A TX 5745MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

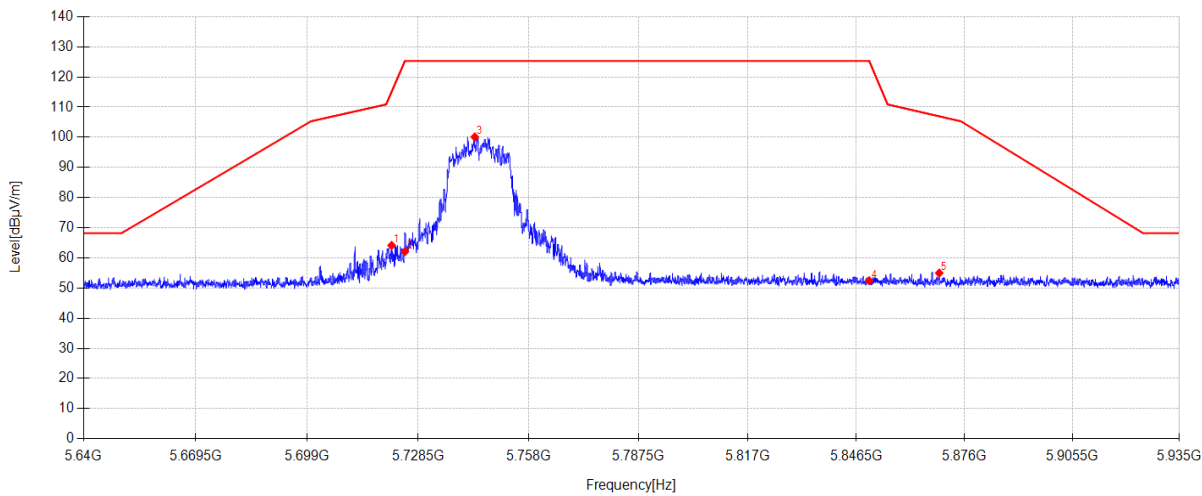
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5721.479	54.53	33.73	5.87	-29.99	64.14	115.16	51.02	PK	Horizontal
2	5725.000	52.45	33.75	5.87	-29.99	62.08	125.30	63.22	PK	Horizontal
3	5743.634	90.35	33.86	5.88	-29.98	100.11	125.30	25.19	PK	Horizontal
4	5850.000	42.47	34.00	5.94	-29.97	52.44	125.27	72.83	PK	Horizontal
5	5869.068	44.96	34.04	5.94	-29.97	54.97	106.96	51.99	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11A TX 5745MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

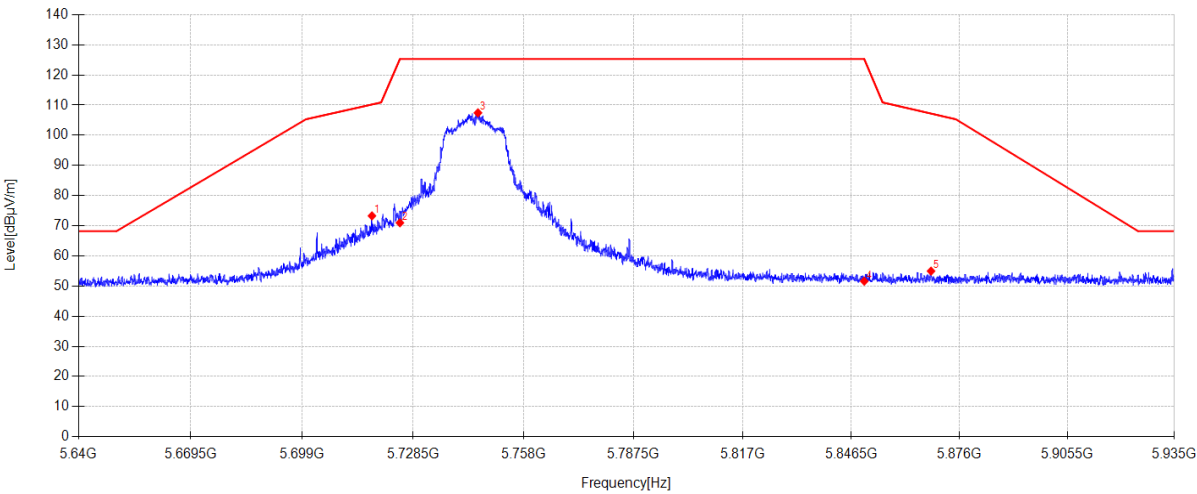
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5717.556	63.69	33.71	5.87	-29.99	73.28	110.22	36.94	PK	Vertical
2	5725.000	61.34	33.75	5.87	-29.99	70.97	125.30	54.33	PK	Vertical
3	5745.817	97.66	33.87	5.88	-29.98	107.43	125.30	17.87	PK	Vertical
4	5850.000	41.66	34.00	5.94	-29.97	51.63	125.27	73.64	PK	Vertical
5	5868.212	44.94	34.04	5.94	-29.97	54.95	107.20	52.25	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11A TX 5785MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

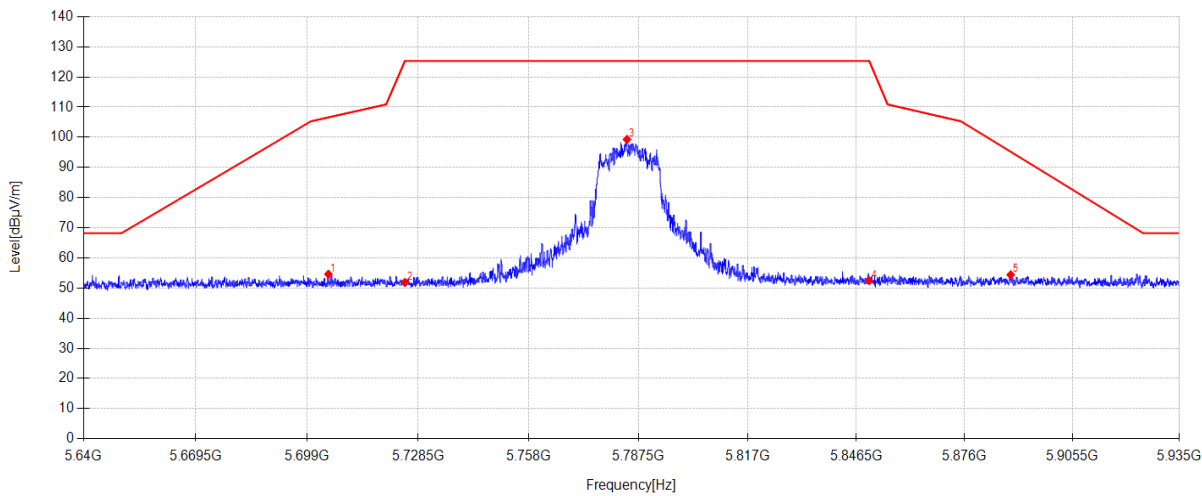
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5704.664	45.08	33.63	5.86	-29.99	54.58	106.61	52.03	PK	Horizontal
2	5725.000	42.24	33.75	5.87	-29.99	51.87	125.30	73.43	PK	Horizontal
3	5784.432	89.25	34.11	5.90	-29.98	99.28	125.30	26.02	PK	Horizontal
4	5850.000	42.46	34.00	5.94	-29.97	52.43	125.27	72.84	PK	Horizontal
5	5888.626	44.31	34.08	5.95	-29.96	54.38	95.19	40.81	PK	Horizontal

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

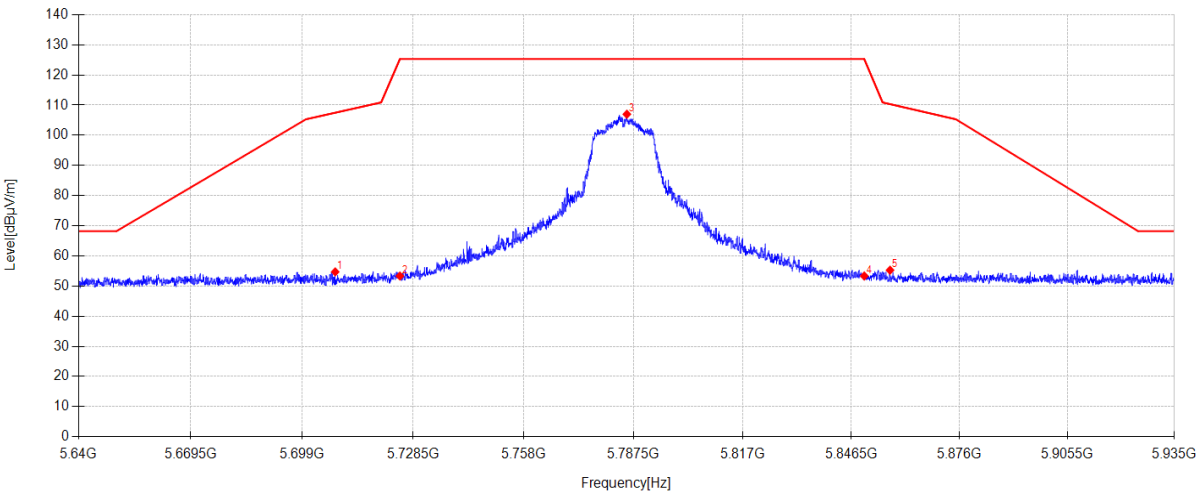
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-08-22 Tested By: Gen Liu
EUT: Streaming Music Receiver Model Number: F3081S
Test Mode: 11A TX 5785MHz mode Power Supply: AC120V/60Hz
Condition: Temp:24.5°C;Humi:47.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\4
Memo: Sample Number:S24061713-002 Power Setting:10

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	5707.791	45.18	33.65	5.86	-29.99	54.70	107.48	52.78	PK	Vertical
2	5725.000	43.70	33.75	5.87	-29.99	53.33	125.30	71.97	PK	Vertical
3	5785.760	96.96	34.11	5.90	-29.98	106.99	125.30	18.31	PK	Vertical
4	5850.000	43.36	34.00	5.94	-29.97	53.33	125.27	71.94	PK	Vertical
5	5857.032	45.28	34.01	5.94	-29.97	55.26	110.33	55.07	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11A TX 5825MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

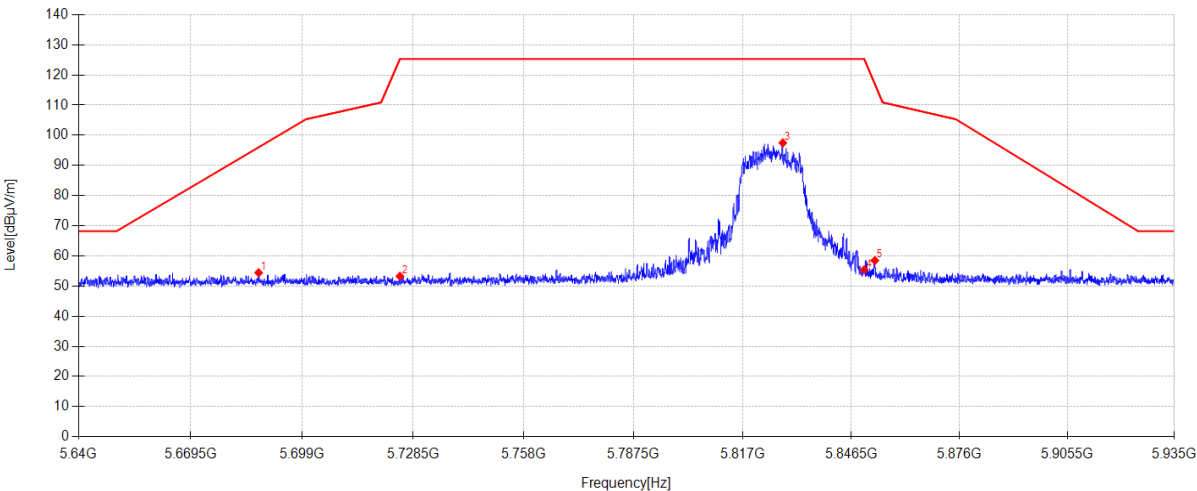
File Path:

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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5687.495	45.00	33.55	5.85	-29.99	54.41	96.02	41.61	PK	Horizontal
2	5725.000	43.61	33.75	5.87	-29.99	53.24	125.30	72.06	PK	Horizontal
3	5827.886	87.44	34.09	5.92	-29.97	97.48	125.30	27.82	PK	Horizontal
4	5850.000	45.43	34.00	5.94	-29.97	55.40	125.27	69.87	PK	Horizontal
5	5852.902	48.48	34.01	5.94	-29.97	58.46	116.94	58.48	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11A TX 5825MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

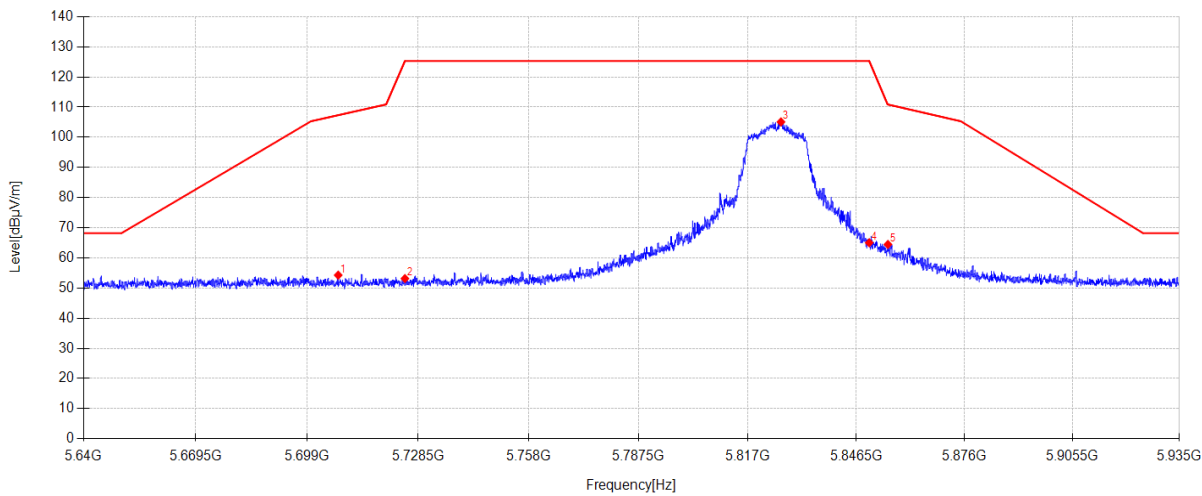
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5707.260	44.76	33.64	5.86	-29.99	54.27	107.33	53.06	PK	Vertical
2	5725.000	43.52	33.75	5.87	-29.99	53.15	125.30	72.15	PK	Vertical
3	5826.027	95.04	34.10	5.92	-29.97	105.09	125.30	20.21	PK	Vertical
4	5850.000	55.06	34.00	5.94	-29.97	65.03	125.27	60.24	PK	Vertical
5	5855.085	54.48	34.01	5.94	-29.97	64.46	110.88	46.42	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5825MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

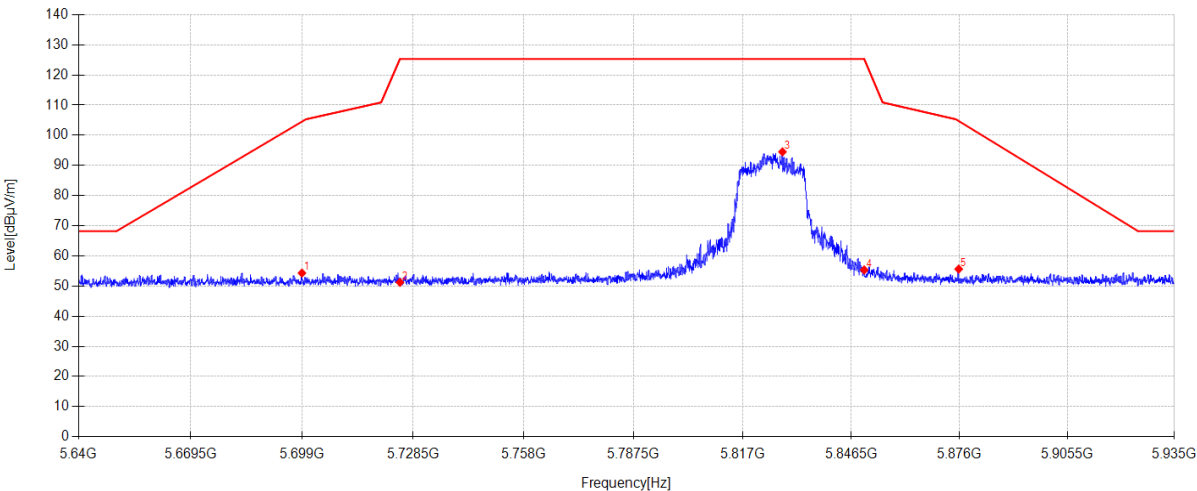
File Path:

d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK17

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5698.971	44.84	33.60	5.86	-29.99	54.31	104.54	50.23	PK	Horizontal
2	5725.000	41.59	33.75	5.87	-29.99	51.22	125.30	74.08	PK	Horizontal
3	5827.797	84.46	34.09	5.92	-29.97	94.50	125.30	30.80	PK	Horizontal
4	5850.000	45.37	34.00	5.94	-29.97	55.34	125.27	69.93	PK	Horizontal
5	5875.764	45.58	34.05	5.95	-29.97	55.61	104.73	49.12	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5825MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

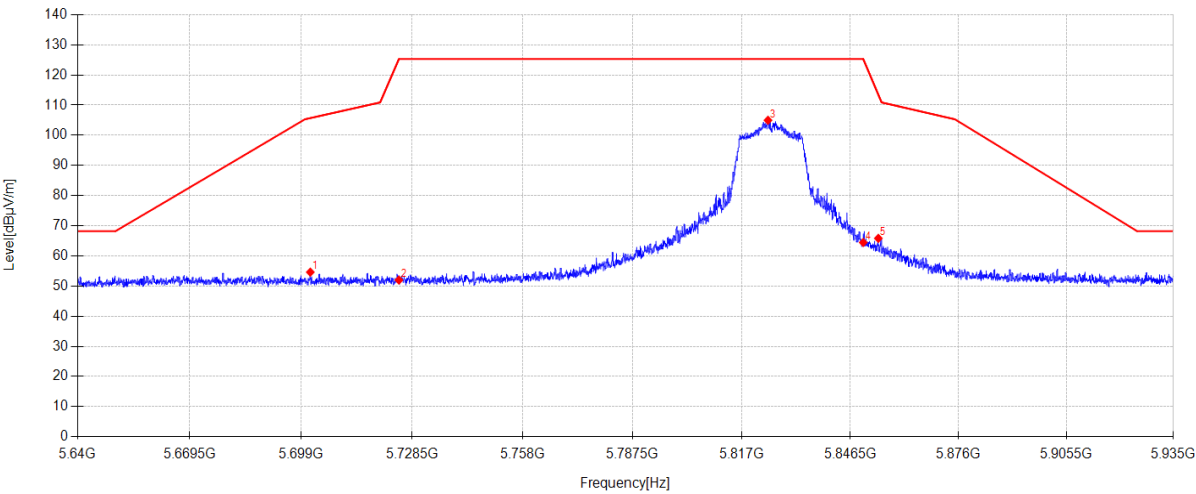
File Path:

d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\8

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5701.449	45.13	33.61	5.86	-29.99	54.61	105.71	51.10	PK	Vertical
2	5725.000	42.36	33.75	5.87	-29.99	51.99	125.30	73.31	PK	Vertical
3	5824.139	94.93	34.10	5.92	-29.97	104.98	125.30	20.32	PK	Vertical
4	5850.000	54.48	34.00	5.94	-29.97	64.45	125.27	60.82	PK	Vertical
5	5854.111	55.83	34.01	5.94	-29.97	65.81	113.46	47.65	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5785MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

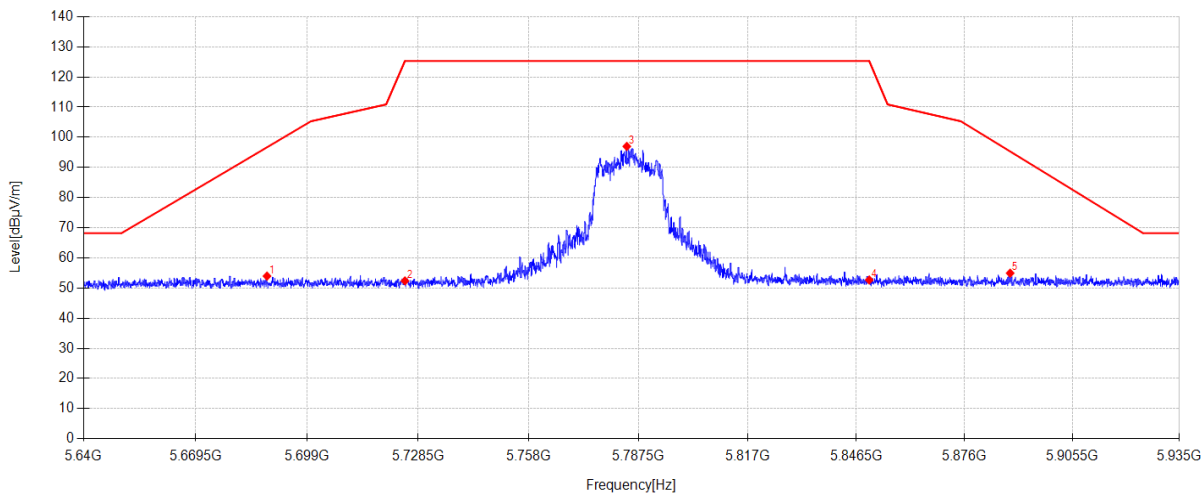
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d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\9

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5688.380	44.55	33.55	5.85	-29.99	53.96	96.68	42.72	PK	Horizontal
2	5725.000	42.74	33.75	5.87	-29.99	52.37	125.30	72.93	PK	Horizontal
3	5784.403	86.94	34.11	5.90	-29.98	96.97	125.30	28.33	PK	Horizontal
4	5850.000	42.70	34.00	5.94	-29.97	52.67	125.27	72.60	PK	Horizontal
5	5888.479	44.87	34.08	5.95	-29.96	54.94	95.30	40.36	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5785MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

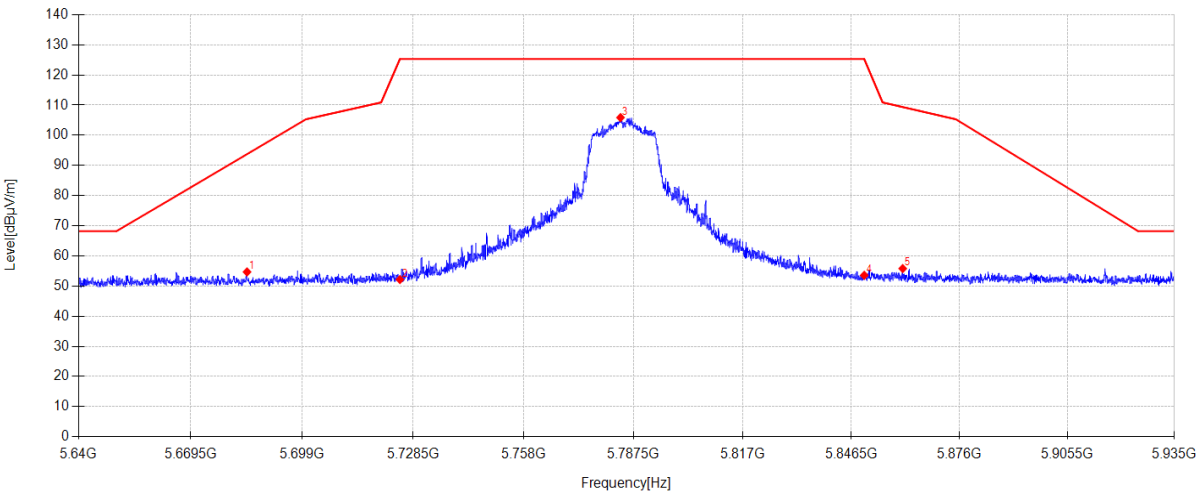
File Path:

d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\10

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5684.427	45.28	33.54	5.85	-29.99	54.68	93.74	39.06	PK	Vertical
2	5725.000	42.52	33.75	5.87	-29.99	52.15	125.30	73.15	PK	Vertical
3	5784.049	95.85	34.10	5.90	-29.98	105.87	125.30	19.43	PK	Vertical
4	5850.000	43.59	34.00	5.94	-29.97	53.56	125.27	71.71	PK	Vertical
5	5860.483	45.80	34.02	5.94	-29.97	55.79	109.36	53.57	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5745MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

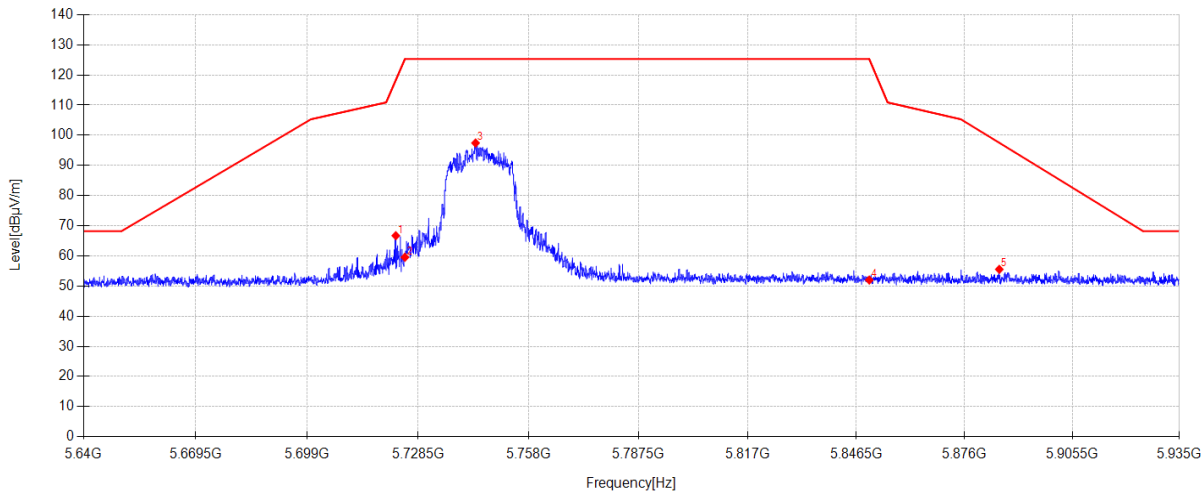
File Path:

d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\11

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5722.571	57.07	33.74	5.87	-29.99	66.69	118.30	51.61	PK	Horizontal
2	5725.000	49.91	33.75	5.87	-29.99	59.54	125.30	65.76	PK	Horizontal
3	5743.840	87.68	33.86	5.88	-29.98	97.44	125.30	27.86	PK	Horizontal
4	5850.000	42.02	34.00	5.94	-29.97	51.99	125.27	73.28	PK	Horizontal
5	5885.499	45.47	34.07	5.95	-29.96	55.53	97.51	41.98	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N20 TX 5745MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

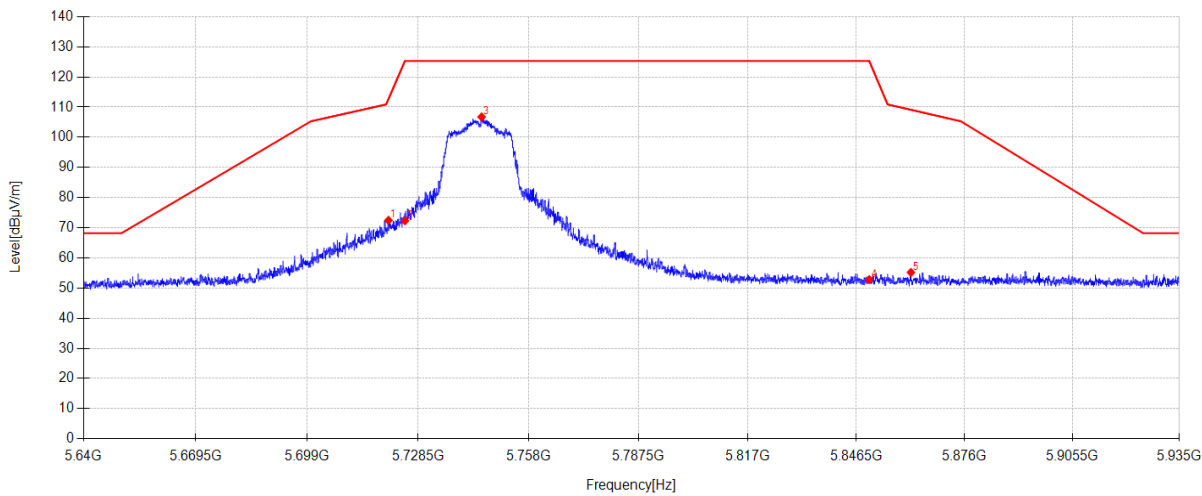
File Path:

d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\12

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5720.624	62.86	33.72	5.87	-29.99	72.46	112.70	40.24	PK	Vertical
2	5725.000	62.66	33.75	5.87	-29.99	72.29	125.30	53.01	PK	Vertical
3	5745.463	96.99	33.87	5.88	-29.98	106.76	125.30	18.54	PK	Vertical
4	5850.000	42.81	34.00	5.94	-29.97	52.78	125.27	72.49	PK	Vertical
5	5861.368	45.19	34.02	5.94	-29.97	55.18	109.12	53.94	PK	Vertical

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

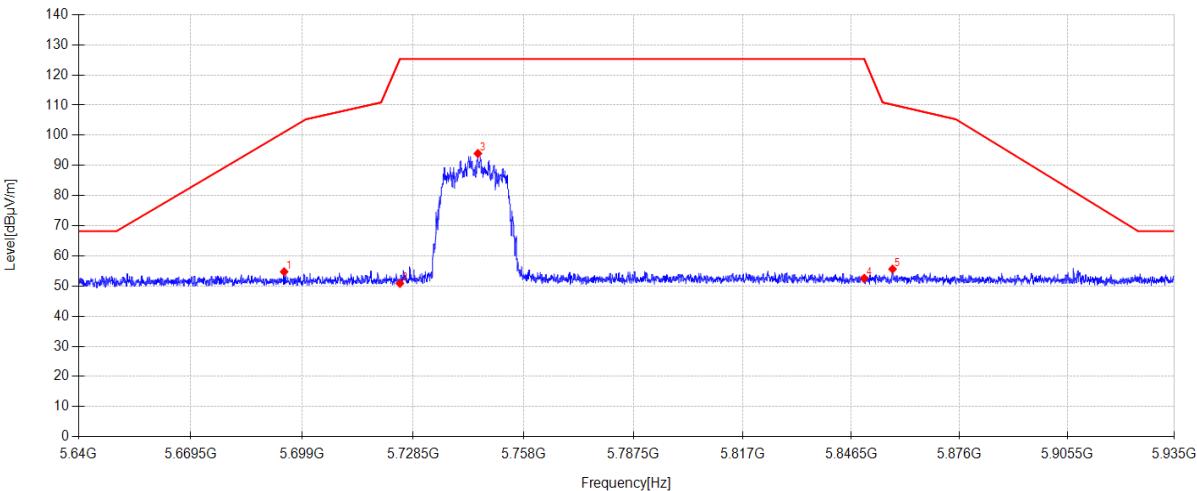
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-08-22 Tested By: Gen Liu
EUT: Streaming Music Receiver Model Number: F3081S
Test Mode: 11AC20 TX 5745MHz mode Power Supply: AC120V/60Hz
Condition: Temp:24.5°C;Humi:47.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\13
Memo: Sample Number:S24061713-002 Power Setting:12

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	5694.251	45.28	33.58	5.86	-29.99	54.73	101.03	46.30	PK	Horizontal
2	5725.000	41.23	33.75	5.87	-29.99	50.86	125.30	74.44	PK	Horizontal
3	5745.817	84.18	33.87	5.88	-29.98	93.95	125.30	31.35	PK	Horizontal
4	5850.000	42.59	34.00	5.94	-29.97	52.56	125.27	72.71	PK	Horizontal
5	5857.710	45.63	34.02	5.94	-29.97	55.62	110.14	54.52	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC20 TX 5745MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

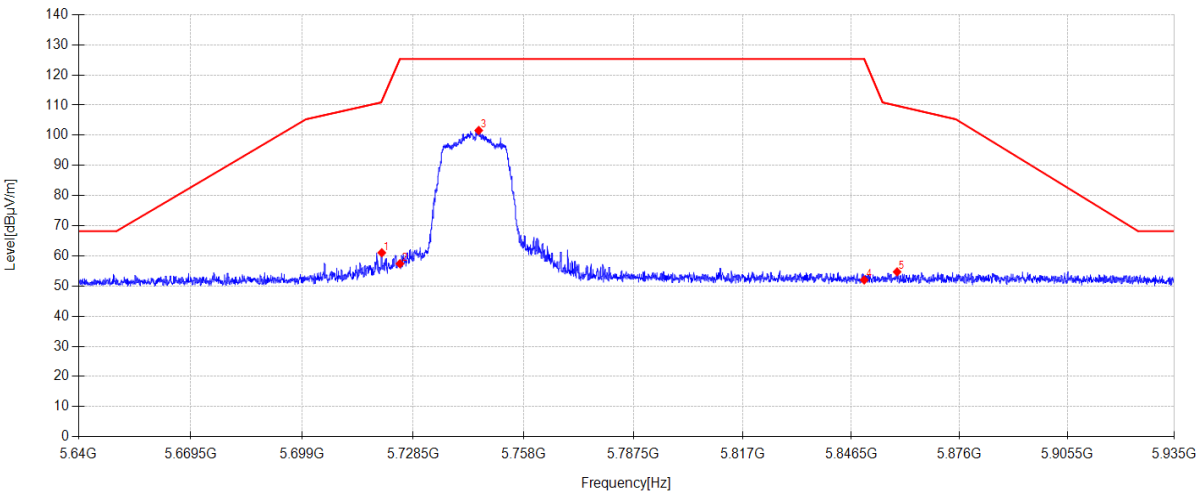
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5720.181	51.44	33.72	5.87	-29.99	61.04	111.42	50.38	PK	Vertical
2	5725.000	47.78	33.75	5.87	-29.99	57.41	125.30	67.89	PK	Vertical
3	5746.023	91.81	33.88	5.88	-29.98	101.59	125.30	23.71	PK	Vertical
4	5850.000	42.05	34.00	5.94	-29.97	52.02	125.27	73.25	PK	Vertical
5	5858.949	44.70	34.02	5.94	-29.97	54.69	109.79	55.10	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC20 TX 5785MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

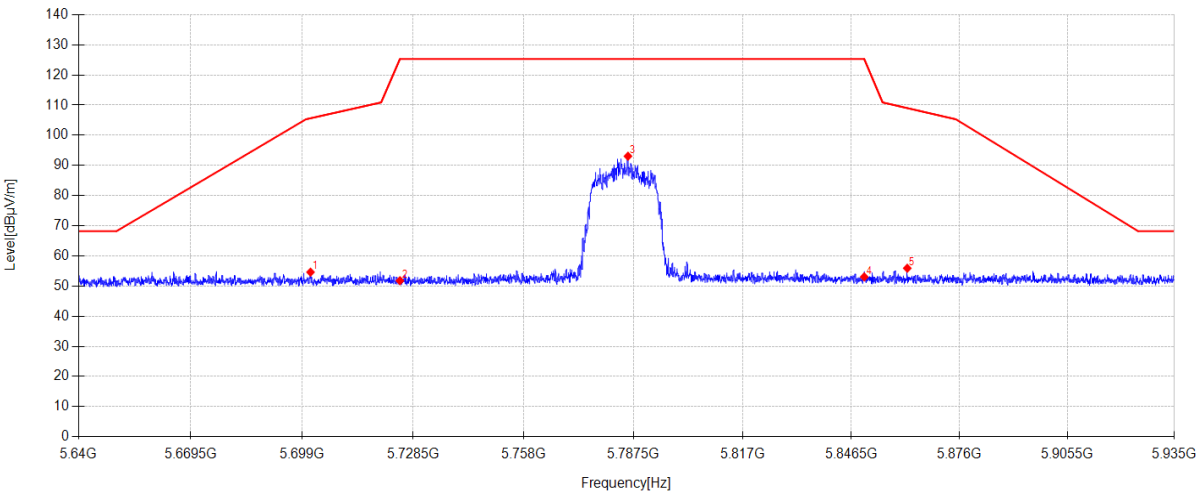
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5701.242	45.12	33.61	5.86	-29.99	54.60	105.65	51.05	PK	Horizontal
2	5725.000	42.13	33.75	5.87	-29.99	51.76	125.30	73.54	PK	Horizontal
3	5786.055	83.01	34.12	5.90	-29.98	93.05	125.30	32.25	PK	Horizontal
4	5850.000	43.05	34.00	5.94	-29.97	53.02	125.27	72.25	PK	Horizontal
5	5861.722	45.92	34.02	5.94	-29.97	55.91	109.02	53.11	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC20 TX 5785MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

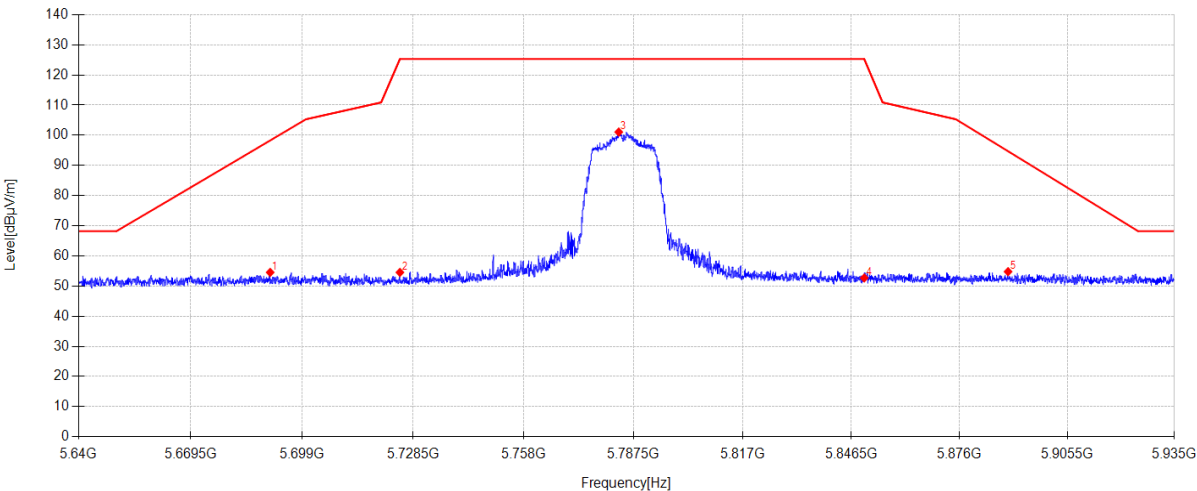
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5690.563	45.10	33.56	5.86	-29.99	54.53	98.30	43.77	PK	Vertical
2	5725.000	44.90	33.75	5.87	-29.99	54.53	125.30	70.77	PK	Vertical
3	5783.577	91.05	34.10	5.90	-29.98	101.07	125.30	24.23	PK	Vertical
4	5850.000	42.71	34.00	5.94	-29.97	52.68	125.27	72.59	PK	Vertical
5	5889.275	44.69	34.08	5.95	-29.96	54.76	94.71	39.95	PK	Vertical

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

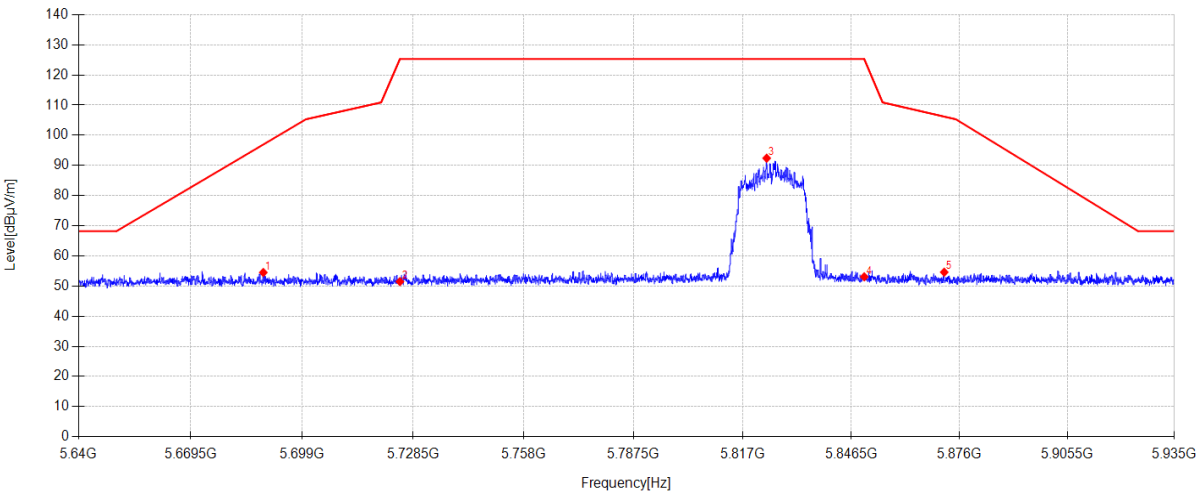
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

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

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-08-22 Tested By: Gen Liu
EUT: Streaming Music Receiver Model Number: F3081S
Test Mode: 11AC20 TX 5825MHz mode Power Supply: AC120V/60Hz
Condition: Temp:24.5°C;Humi:47.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\17
Memo: Sample Number:S24061713-002 Power Setting:12

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	5688.734	45.08	33.55	5.85	-29.99	54.49	96.94	42.45	PK	Horizontal
2	5725.000	41.83	33.75	5.87	-29.99	51.46	125.30	73.84	PK	Horizontal
3	5823.520	82.34	34.11	5.92	-29.97	92.40	125.30	32.90	PK	Horizontal
4	5850.000	43.09	34.00	5.94	-29.97	53.06	125.27	72.21	PK	Horizontal
5	5871.811	44.58	34.04	5.95	-29.97	54.60	106.19	51.59	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC20 TX 5825MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

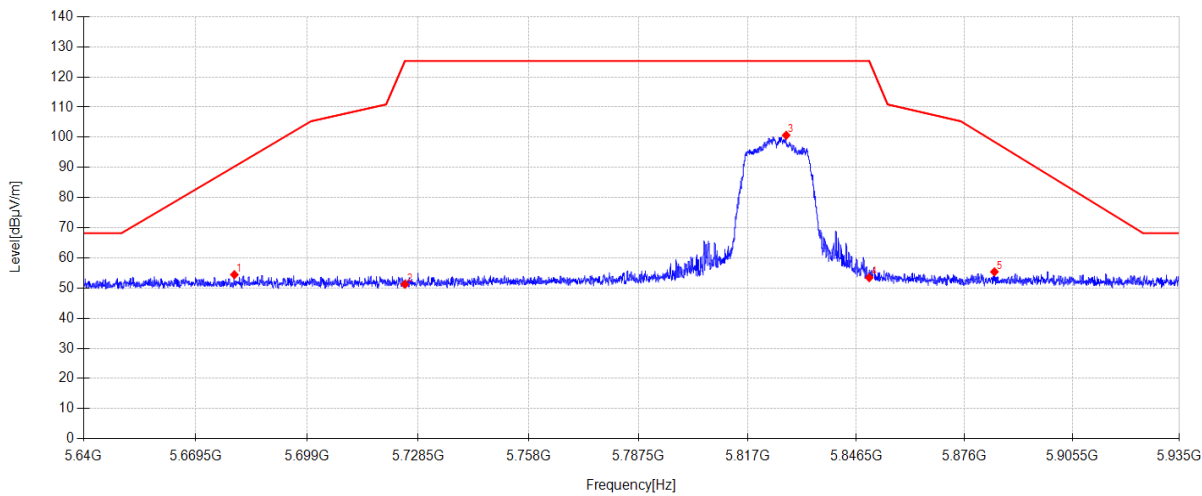
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5679.766	45.05	33.52	5.85	-29.99	54.43	90.29	35.86	PK	Vertical
2	5725.000	41.61	33.75	5.87	-29.99	51.24	125.30	74.06	PK	Vertical
3	5827.443	90.61	34.09	5.92	-29.97	100.65	125.30	24.65	PK	Vertical
4	5850.000	43.46	34.00	5.94	-29.97	53.43	125.27	71.84	PK	Vertical
5	5884.172	45.32	34.07	5.95	-29.97	55.37	98.49	43.12	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5755MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

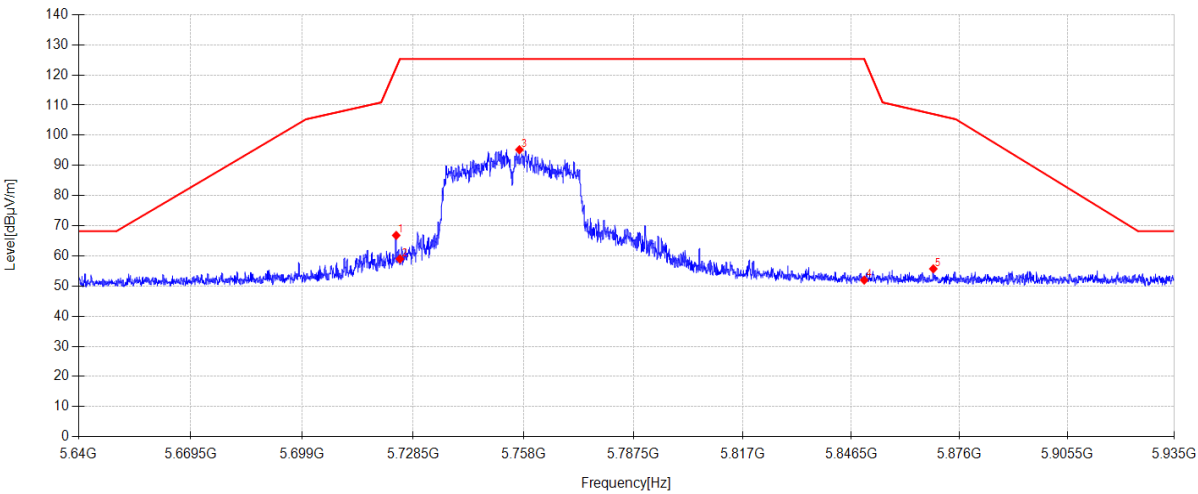
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d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\19

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5724.016	57.18	33.74	5.87	-29.99	66.80	122.47	55.67	PK	Horizontal
2	5725.000	49.37	33.75	5.87	-29.99	59.00	125.30	66.30	PK	Horizontal
3	5756.909	85.36	33.94	5.89	-29.98	95.21	125.30	30.09	PK	Horizontal
4	5850.000	42.01	34.00	5.94	-29.97	51.98	125.27	73.29	PK	Horizontal
5	5868.832	45.70	34.04	5.94	-29.97	55.71	107.03	51.32	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5755MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

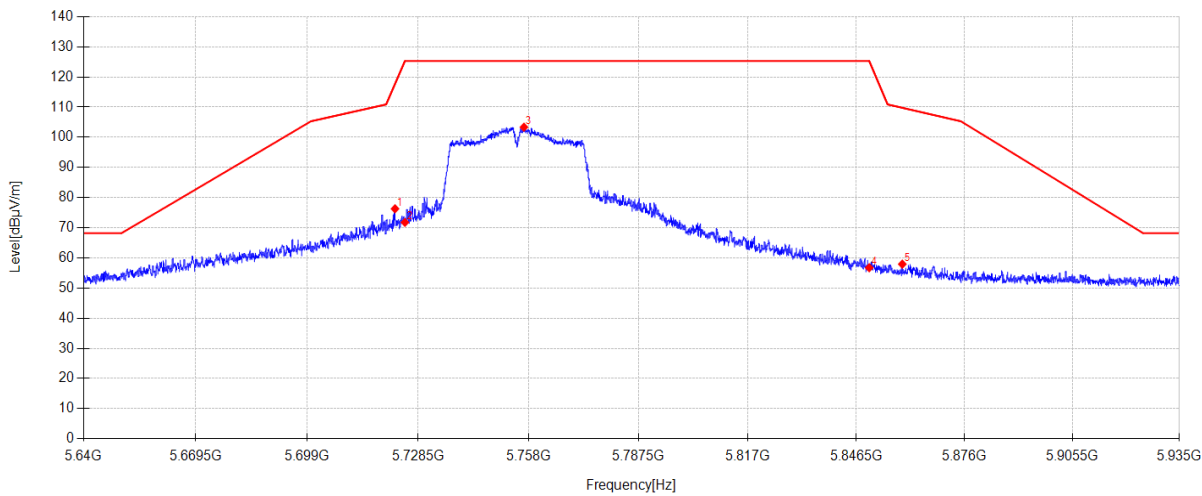
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d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\20

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5722.364	66.68	33.73	5.87	-29.99	76.29	117.71	41.42	PK	Vertical
2	5725.000	62.14	33.75	5.87	-29.99	71.77	125.30	53.53	PK	Vertical
3	5756.791	93.50	33.94	5.89	-29.98	103.35	125.30	21.95	PK	Vertical
4	5850.000	46.77	34.00	5.94	-29.97	56.74	125.27	68.53	PK	Vertical
5	5859.008	47.93	34.02	5.94	-29.97	57.92	109.78	51.86	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5795MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

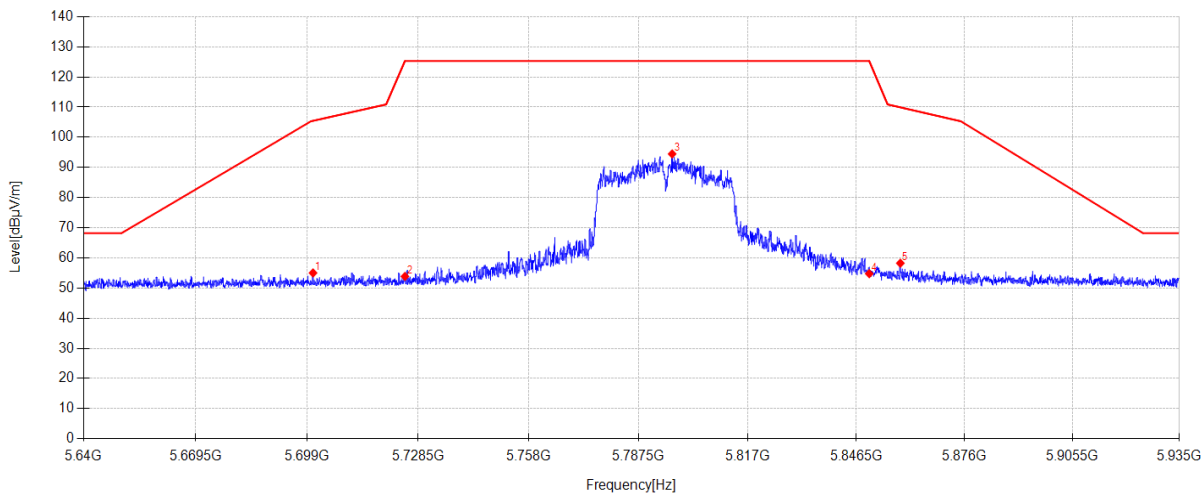
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Memo:

Sample Number:S24061713-002 Power Setting:10

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	5700.593	45.54	33.60	5.86	-29.99	55.01	105.47	50.46	PK	Horizontal
2	5725.000	44.21	33.75	5.87	-29.99	53.84	125.30	71.46	PK	Horizontal
3	5796.616	84.37	34.18	5.91	-29.98	94.48	125.30	30.82	PK	Horizontal
4	5850.000	44.79	34.00	5.94	-29.97	54.76	125.27	70.51	PK	Horizontal
5	5858.477	48.24	34.02	5.94	-29.97	58.23	109.93	51.70	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11N40 TX 5795MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

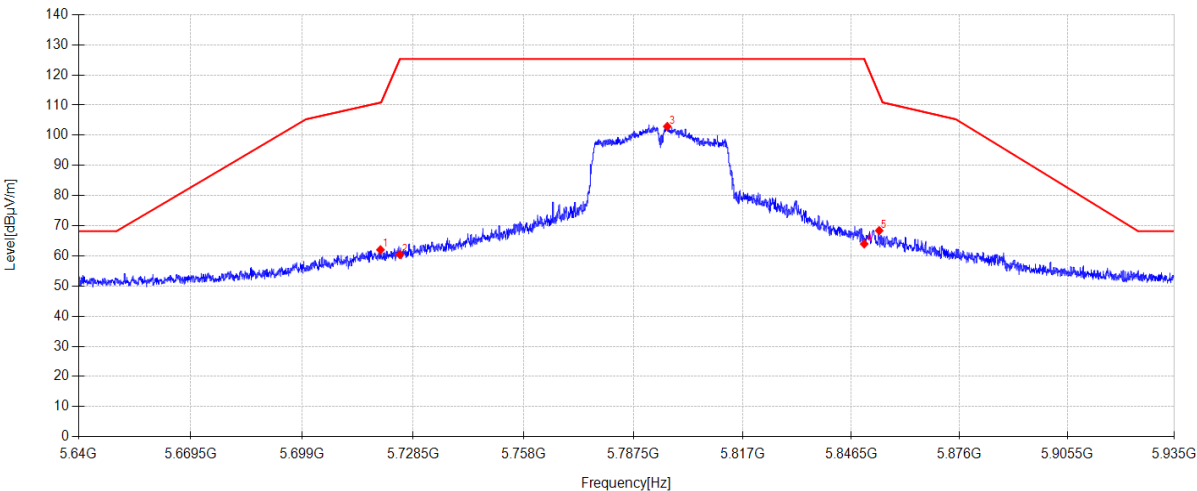
File Path:

d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\22

Memo:

Sample Number:S24061713-002 Power Setting:10

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	5719.827	52.42	33.72	5.87	-29.99	62.02	110.85	48.83	PK	Vertical
2	5725.000	50.81	33.75	5.87	-29.99	60.44	125.30	64.86	PK	Vertical
3	5796.645	92.80	34.18	5.91	-29.98	102.91	125.30	22.39	PK	Vertical
4	5850.000	54.00	34.00	5.94	-29.97	63.97	125.27	61.30	PK	Vertical
5	5854.082	58.41	34.01	5.94	-29.97	68.39	113.55	45.16	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5795MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

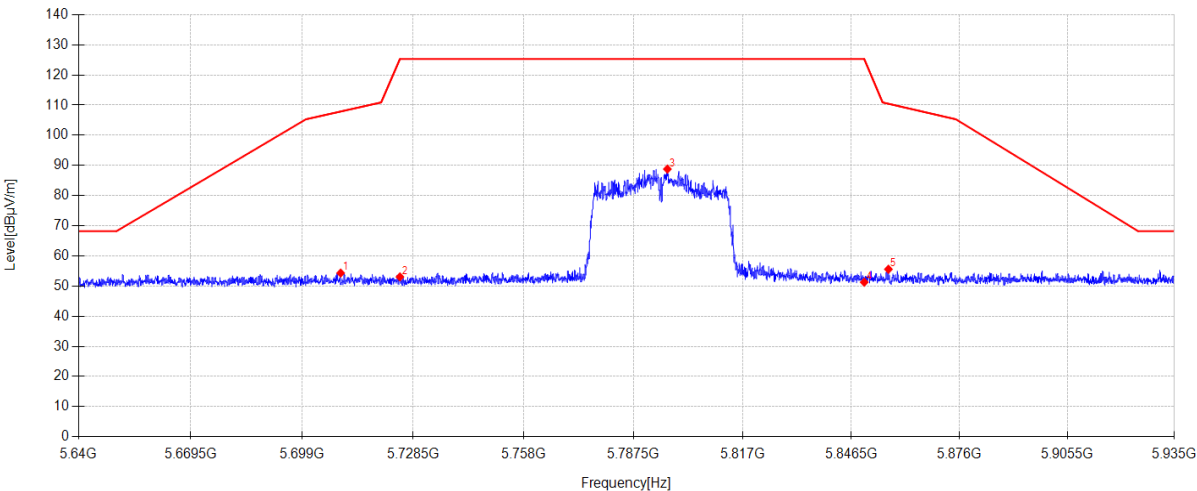
File Path:

d:\ts\2024 report data\Q24061713-2E\FCC ABOVE1G MASK\23

Memo:

Sample Number:S24061713-002 Power Setting:12

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	5709.237	44.77	33.66	5.86	-29.99	54.30	107.89	53.59	PK	Horizontal
2	5725.000	43.40	33.75	5.87	-29.99	53.03	125.30	72.27	PK	Horizontal
3	5796.675	78.67	34.18	5.91	-29.98	88.78	125.30	36.52	PK	Horizontal
4	5850.000	41.31	34.00	5.94	-29.97	51.28	125.27	73.99	PK	Horizontal
5	5856.589	45.58	34.01	5.94	-29.97	55.56	110.46	54.90	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5795MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

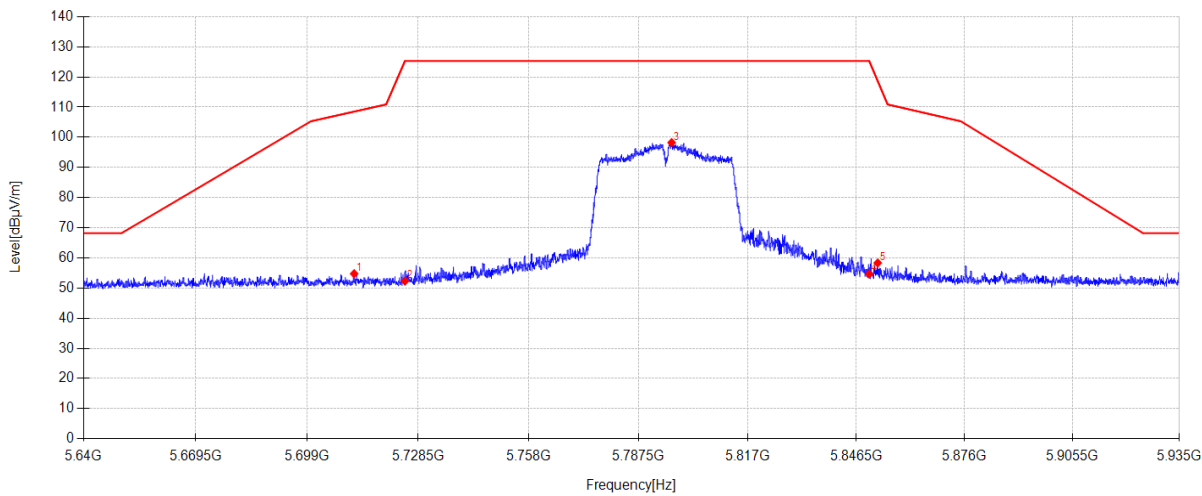
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5711.508	45.20	33.67	5.87	-29.99	54.75	108.52	53.77	PK	Vertical
2	5725.000	42.66	33.75	5.87	-29.99	52.29	125.30	73.01	PK	Vertical
3	5796.468	88.12	34.18	5.91	-29.98	98.23	125.30	27.07	PK	Vertical
4	5850.000	44.66	34.00	5.94	-29.97	54.63	125.27	70.64	PK	Vertical
5	5852.312	48.36	34.00	5.94	-29.97	58.33	118.64	60.31	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5755MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

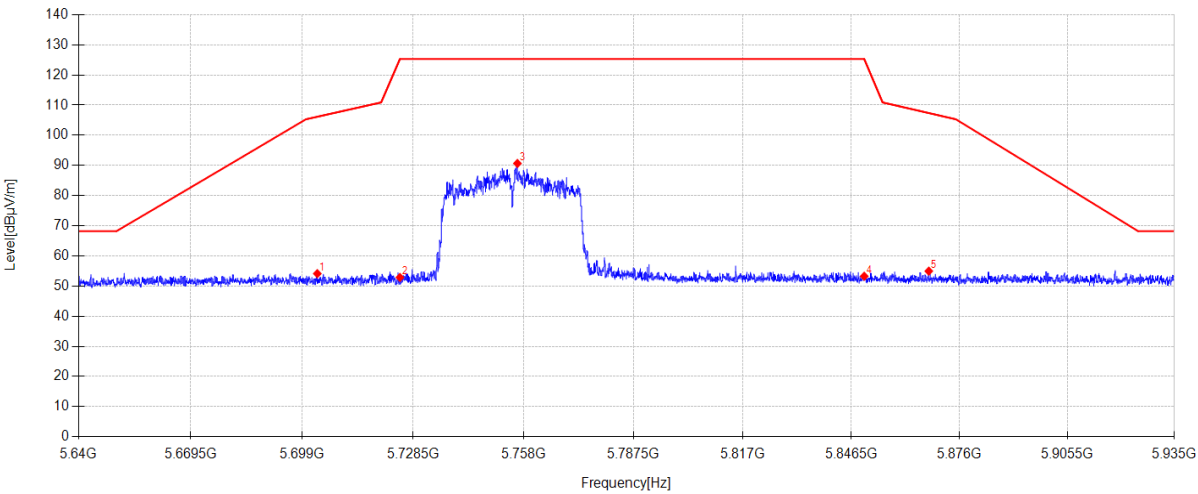
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5703.042	44.63	33.62	5.86	-29.99	54.12	106.15	52.03	PK	Horizontal
2	5725.000	43.22	33.75	5.87	-29.99	52.85	125.30	72.45	PK	Horizontal
3	5756.378	80.81	33.94	5.89	-29.98	90.66	125.30	34.64	PK	Horizontal
4	5850.000	43.28	34.00	5.94	-29.97	53.25	125.27	72.02	PK	Horizontal
5	5867.593	44.93	34.04	5.94	-29.97	54.94	107.37	52.43	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC40 TX 5755MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

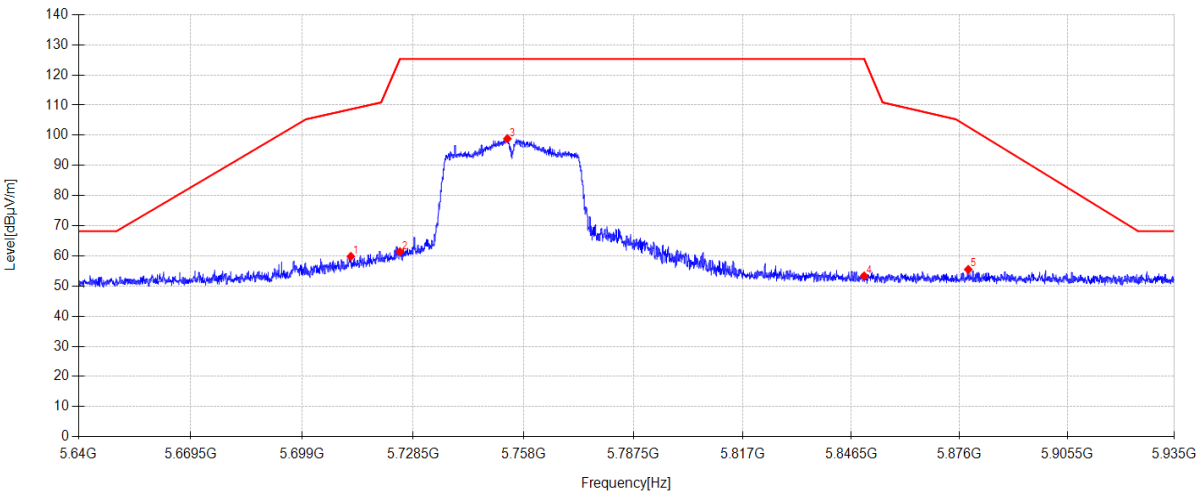
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5711.951	50.27	33.67	5.87	-29.99	59.82	108.65	48.83	PK	Vertical
2	5725.000	51.74	33.75	5.87	-29.99	61.37	125.30	63.93	PK	Vertical
3	5753.693	89.03	33.92	5.89	-29.98	98.86	125.30	26.44	PK	Vertical
4	5850.000	43.34	34.00	5.94	-29.97	53.31	125.27	71.96	PK	Vertical
5	5878.390	45.45	34.06	5.95	-29.97	55.49	102.78	47.29	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5775MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

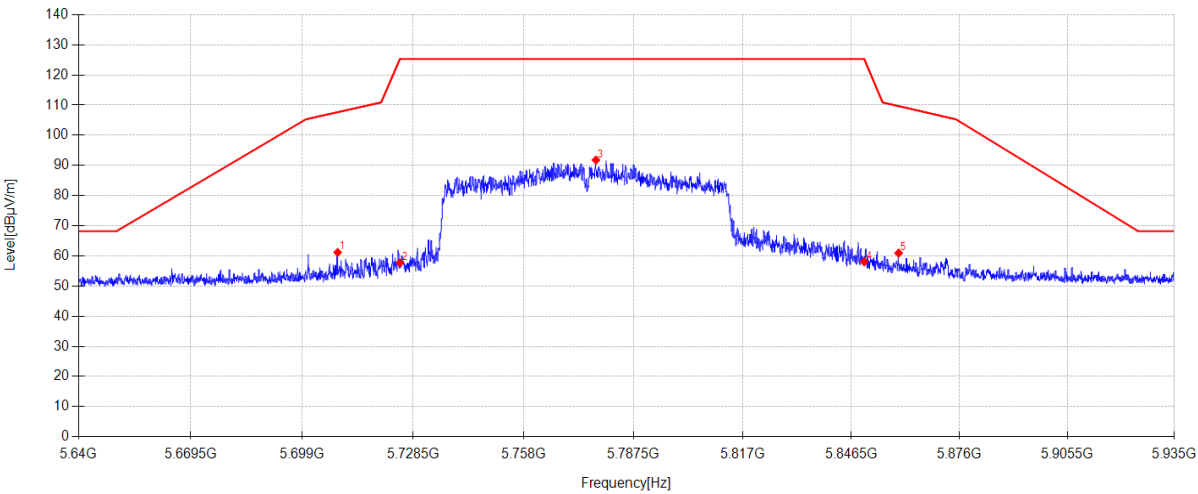
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5708.440	51.64	33.65	5.86	-29.99	61.16	107.66	46.50	PK	Horizontal
2	5725.000	48.09	33.75	5.87	-29.99	57.72	125.30	67.58	PK	Horizontal
3	5777.441	81.80	34.06	5.90	-29.98	91.78	125.30	33.52	PK	Horizontal
4	5850.000	48.04	34.00	5.94	-29.97	58.01	125.27	67.26	PK	Horizontal
5	5859.362	50.94	34.02	5.94	-29.97	60.93	109.68	48.75	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:

2024-08-22

Tested By:

Gen Liu

EUT:

Streaming Music Receiver

Model Number:

F3081S

Test Mode:

11AC80 TX 5775MHz mode

Power Supply:

AC120V/60Hz

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

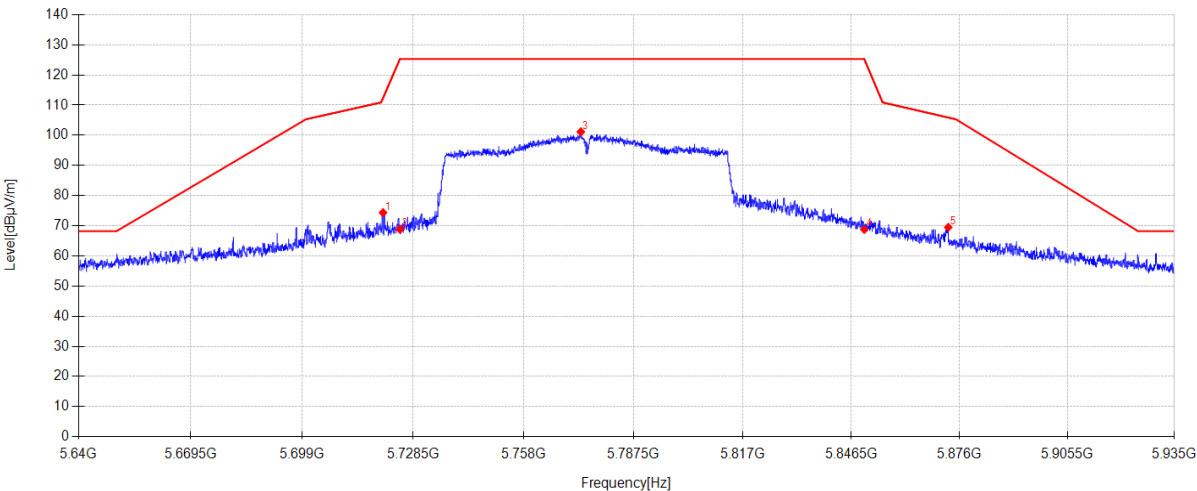
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Memo:

Sample Number:S24061713-002 Power Setting:12

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	5720.506	64.74	33.72	5.87	-29.99	74.34	112.36	38.02	PK	Vertical
2	5725.000	59.21	33.75	5.87	-29.99	68.84	125.30	56.46	PK	Vertical
3	5773.370	91.18	34.04	5.90	-29.98	101.14	125.30	24.16	PK	Vertical
4	5850.000	58.81	34.00	5.94	-29.97	68.78	125.27	56.49	PK	Vertical
5	5872.903	59.45	34.05	5.95	-29.97	69.48	105.89	36.41	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.

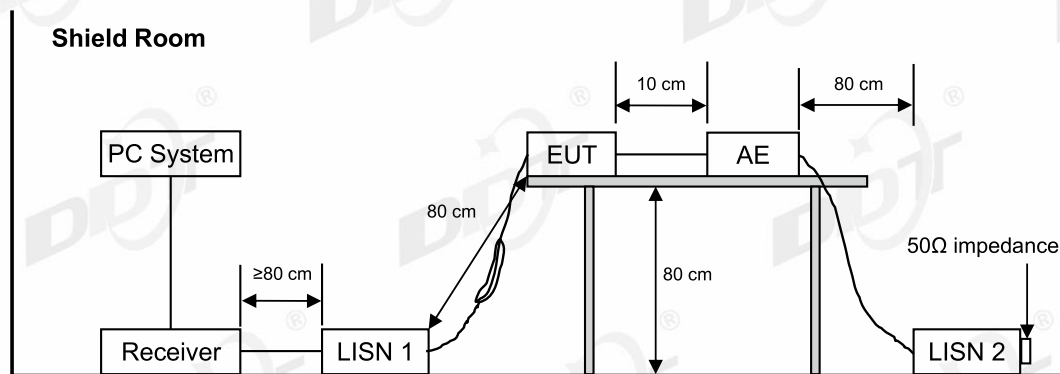
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14. Power Line Conducted Emission

14.1. 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

14.2. Block diagram of test setup



14.3. Power Line Conducted Emission Limits

Frequency	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
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.

14.4. 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.

14.5. 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 worse case.

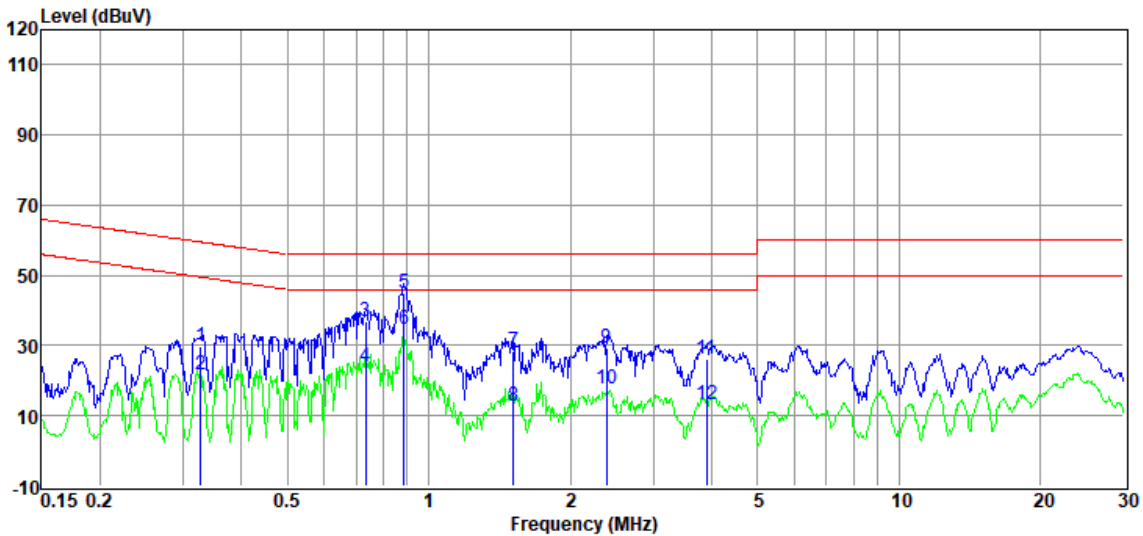
TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room
Test Date : 2024-07-24
EUT : Streaming Music Receiver
Power Supply : AC 120V/60Hz
Condition : Temp:21.5°C,Humi:51.8%

D:\2024 Report Date\Q24061713-2E\FCC CE.EM6
Tested By : Genliu
Model Number : F3081S
Test Mode : 5G WIFI mode
LISN : 2023 ENV 216 3#/NEUTRAL

Memo :

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	0.33	9.82	9.89	0.12	9.95	29.78	59.53	-29.75	QP	NEUTRAL
2	0.33	1.75	9.89	0.12	9.95	21.71	49.53	-27.82	Average	NEUTRAL
3	0.74	16.92	9.84	0.16	9.96	36.88	56.00	-19.12	QP	NEUTRAL
4	0.74	4.03	9.84	0.16	9.96	23.99	46.00	-22.01	Average	NEUTRAL
5	0.88	24.53	10.04	0.21	9.97	44.75	56.00	-11.25	QP	NEUTRAL
6	0.88	14.52	10.04	0.21	9.97	34.74	46.00	-11.26	Average	NEUTRAL
7	1.51	7.95	10.03	0.26	9.98	28.22	56.00	-27.78	QP	NEUTRAL
8	1.51	-7.67	10.03	0.26	9.98	12.60	46.00	-33.40	Average	NEUTRAL
9	2.38	9.44	9.71	0.26	10.00	29.41	56.00	-26.59	QP	NEUTRAL
10	2.38	-2.48	9.71	0.26	10.00	17.49	46.00	-28.51	Average	NEUTRAL
11	3.90	6.25	9.50	0.27	10.01	26.03	56.00	-29.97	QP	NEUTRAL
12	3.90	-6.63	9.50	0.27	10.01	13.15	46.00	-32.85	Average	NEUTRAL

Note:

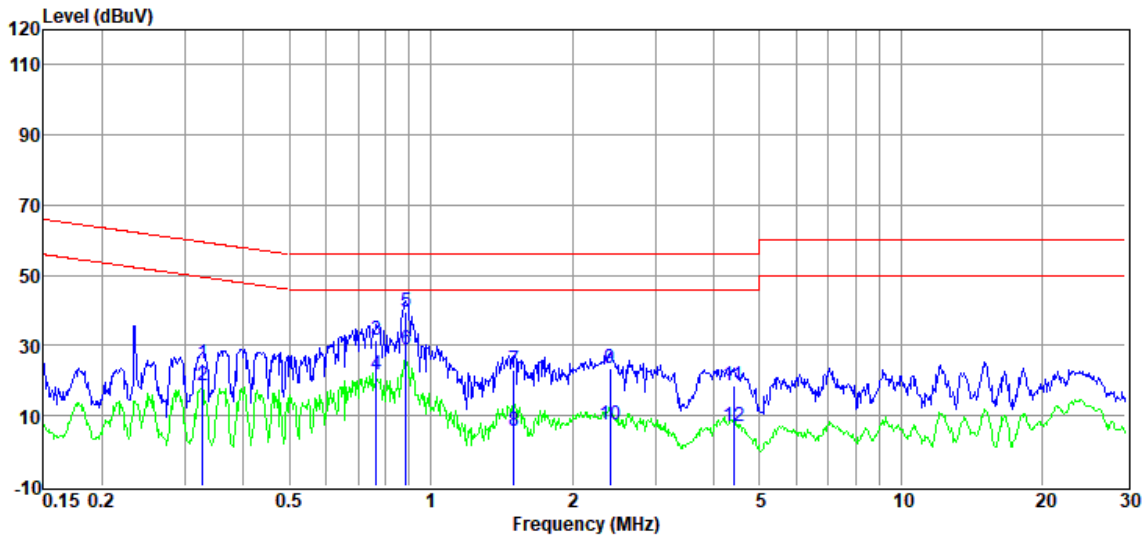
1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room
Test Date : 2024-07-24
EUT : Streaming Music Receiver
Power Supply : AC 120V/60Hz
Condition : Temp:21.5°C,Humi:51.8%
Memo :

D:\2024 Report Date\Q24061713-2E\FCC CE.EM6
Tested By : Genliu
Model Number : F3081S
Test Mode : 5G WIFI mode
LISN : 2023 ENV 216 3#/LINE

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	0.33	5.09	9.74	0.12	9.95	24.90	59.53	-34.63	QP	LINE
2	0.33	-1.29	9.74	0.12	9.95	18.52	49.53	-31.01	Average	LINE
3	0.77	11.68	9.89	0.17	9.97	31.71	56.00	-24.29	QP	LINE
4	0.77	1.77	9.89	0.17	9.97	21.80	46.00	-24.20	Average	LINE
5	0.88	19.60	9.73	0.21	9.97	39.51	56.00	-16.49	QP	LINE
6	0.88	8.91	9.73	0.21	9.97	28.82	46.00	-17.18	Average	LINE
7	1.50	3.13	9.47	0.26	9.98	22.84	56.00	-33.16	QP	LINE
8	1.50	-14.01	9.47	0.26	9.98	5.70	46.00	-40.30	Average	LINE
9	2.41	3.63	9.75	0.26	10.00	23.64	56.00	-32.36	QP	LINE
10	2.41	-12.49	9.75	0.26	10.00	7.52	46.00	-38.48	Average	LINE
11	4.41	-1.29	9.81	0.27	10.02	18.81	56.00	-37.19	QP	LINE
12	4.41	-13.09	9.81	0.27	10.02	7.01	46.00	-38.99	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.

15. Antenna Requirements

15.1. Limit

For intentional device, according to FCC 47 CFR 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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

15.2. Result

The antenna used for this product as Antenna information described in section 2.1 of the report, and there is no other antenna than that furnished by the responsible party shall be used with the device.

17. Photos of the EUT

Please refer to appendix I.

END OF REPORT