

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11N40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

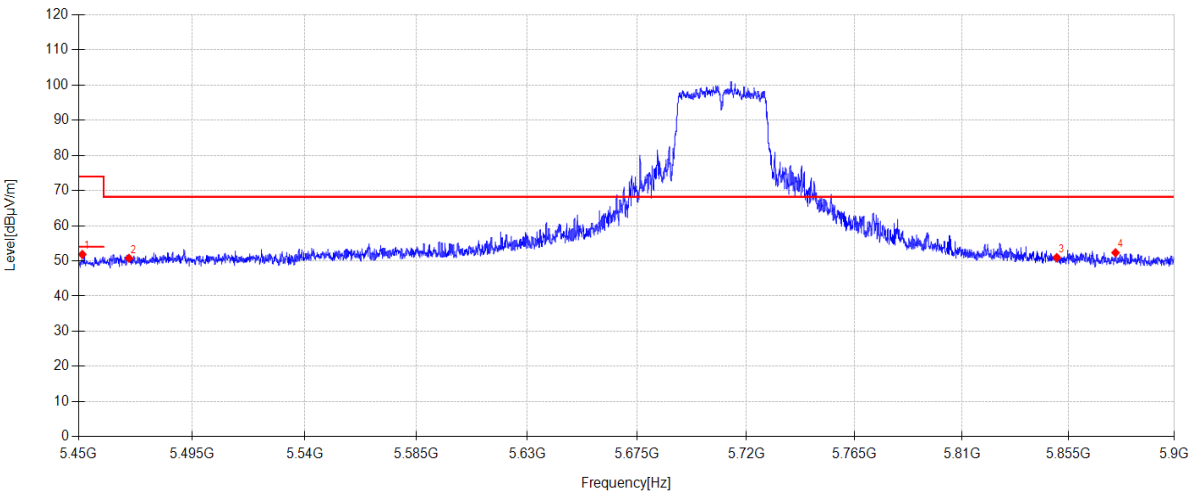
File Path:

d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G KUAYUE10

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5451.575	42.97	33.00	5.48	-29.60	51.85	74.00	22.15	PK	Vertical
2	5470.000	41.86	33.00	5.49	-29.60	50.75	68.20	17.45	PK	Vertical
3	5850.000	40.80	34.00	5.74	-29.60	50.94	68.20	17.26	PK	Vertical
4	5874.935	42.12	34.05	5.76	-29.60	52.33	68.20	15.87	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

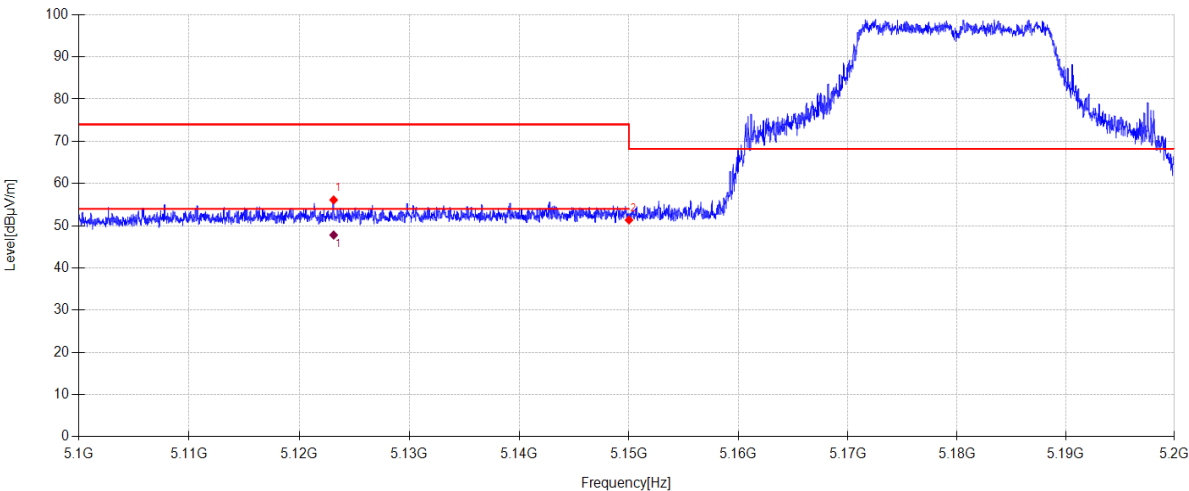
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5123.120	47.05	33.40	5.26	-29.60	56.11	74.00	17.89	PK	Horizontal
2	5150.000	42.27	33.40	5.28	-29.60	51.35	68.20	16.85	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	5123.120	38.73	33.40	5.26	47.79	54	6.21	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

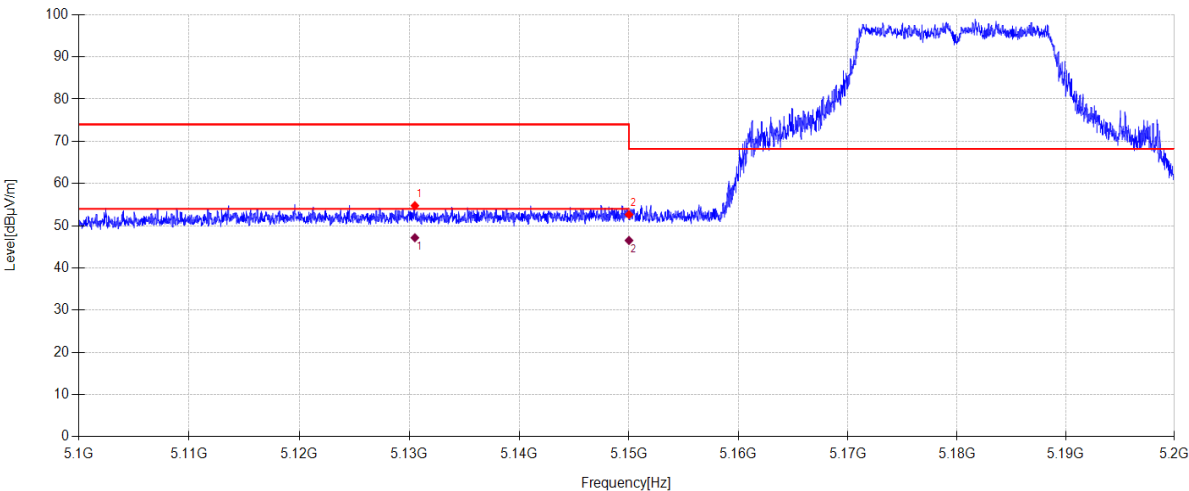
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5130.500	45.68	33.40	5.27	-29.60	54.75	74.00	19.25	PK	Vertical
2	5150.000	43.57	33.40	5.28	-29.60	52.65	68.20	15.55	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	5130.500	38.09	33.40	5.27	47.16	54	6.84	AV	Vertical	
2	5150.000	37.43	33.40	5.28	46.51	54	7.49	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

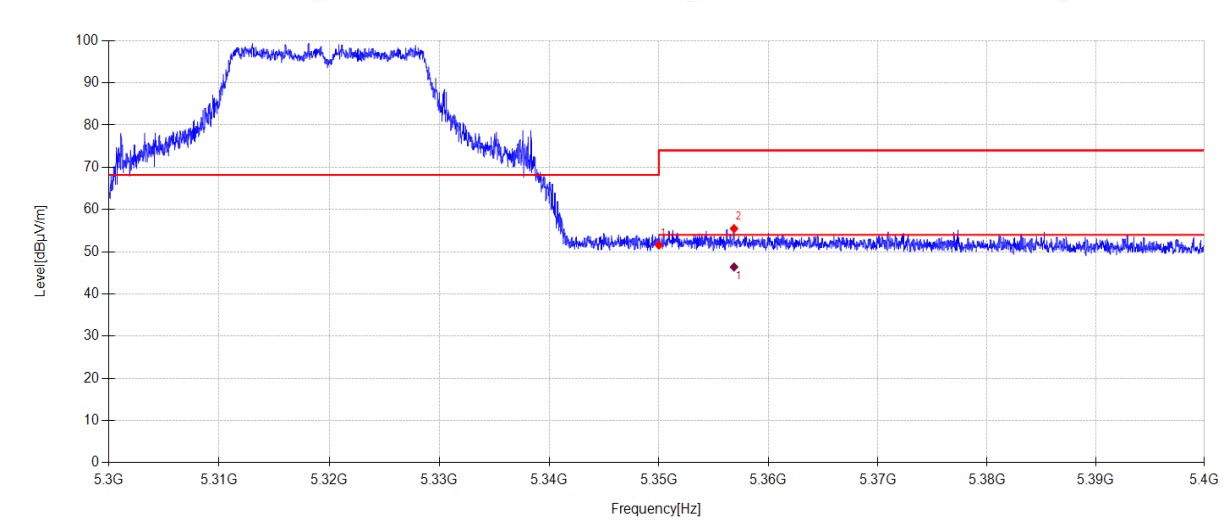
Test Site:

DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\39

Memo: Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.66	33.10	5.41	-29.60	51.57	68.20	16.63	PK	Horizontal
2	5356.860	46.56	33.10	5.42	-29.60	55.48	74.00	18.52	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	5356.860	37.46	33.10	5.42	46.38	54	7.62	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

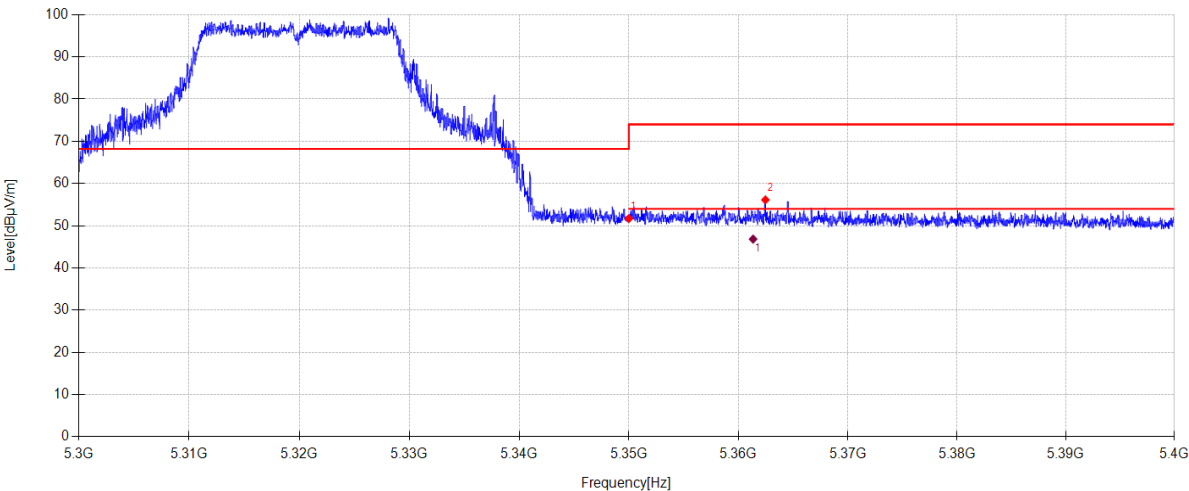
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.80	33.10	5.41	-29.60	51.71	68.20	16.49	PK	Vertical
2	5362.470	47.21	33.10	5.42	-29.60	56.13	74.00	17.87	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	5361.345	37.91	33.10	5.42	46.83	54	7.17	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

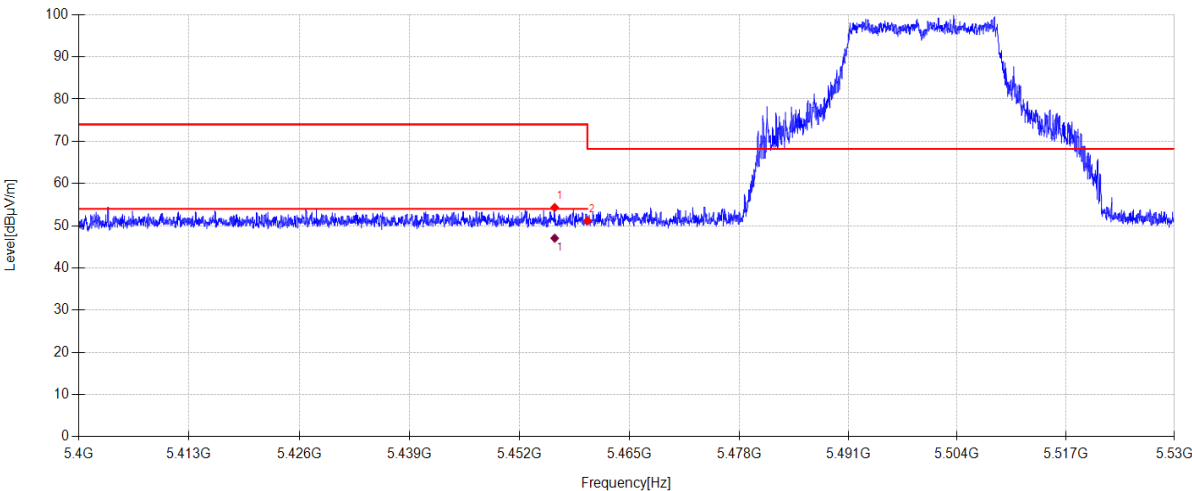
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.121	45.44	33.00	5.48	-29.60	54.32	74.00	19.68	PK	Horizontal
2	5460.000	42.30	33.00	5.48	-29.60	51.18	68.20	17.02	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	5456.121	38.16	33.00	5.48	47.04	54	6.96	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

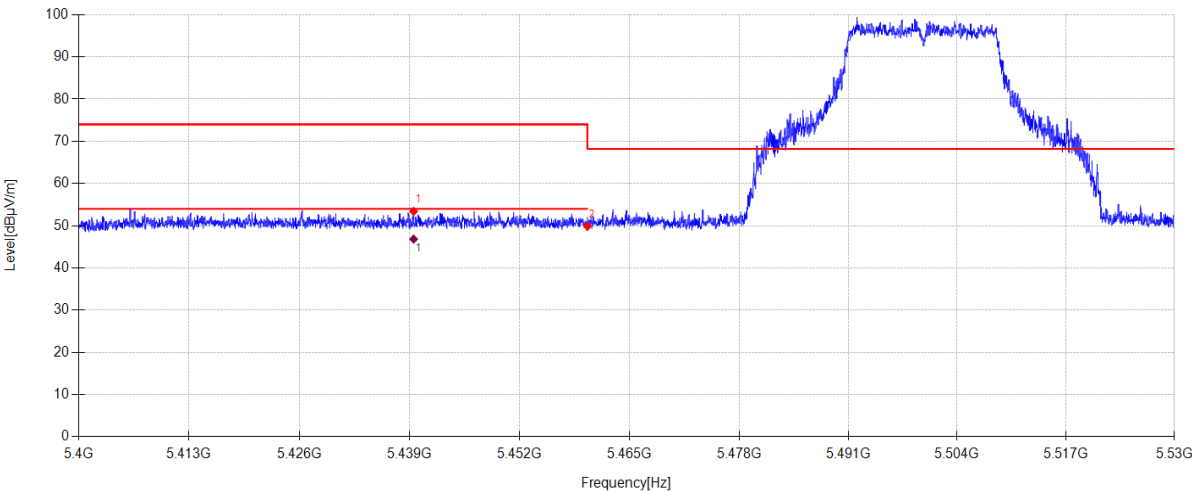
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.442	44.51	33.02	5.47	-29.60	53.40	74.00	20.60	PK	Vertical
2	5460.000	41.00	33.00	5.48	-29.60	49.88	68.20	18.32	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	5439.442	37.94	33.02	5.47	46.83	54	7.17	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

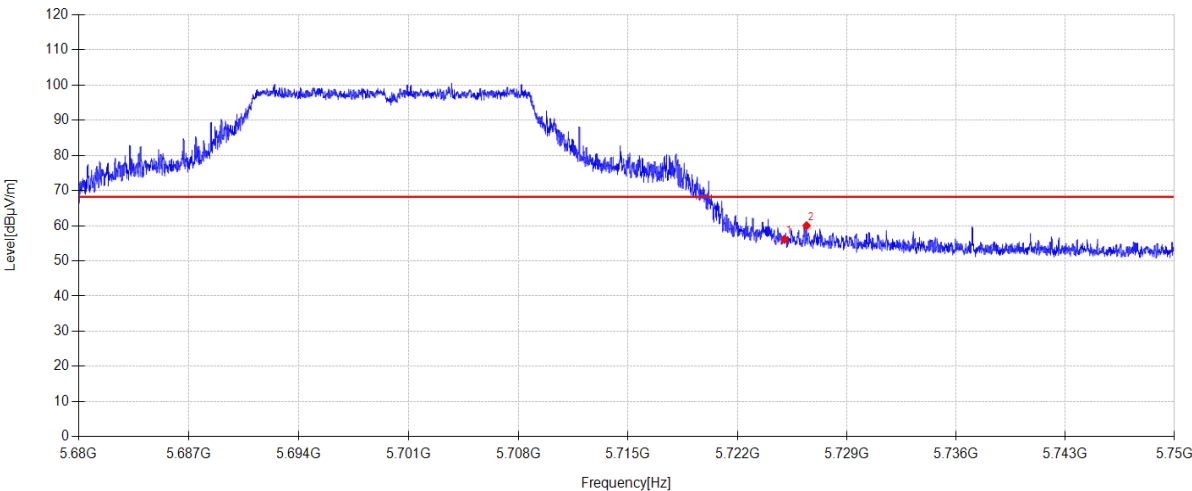
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	46.33	33.75	5.66	-29.60	56.14	68.20	12.06	PK	Horizontal
2	5726.417	50.20	33.76	5.66	-29.60	60.02	68.20	8.18	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

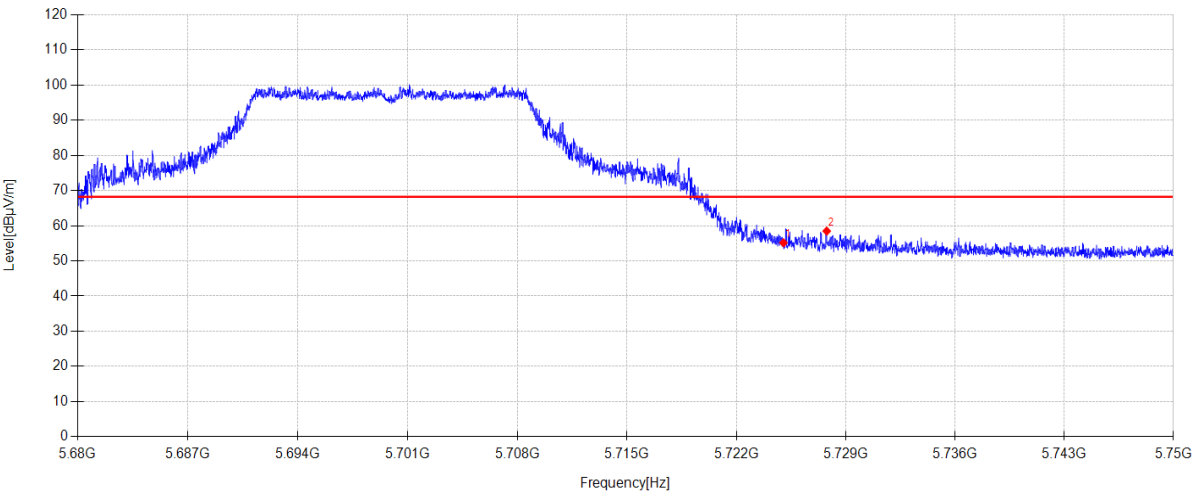
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	45.34	33.75	5.66	-29.60	55.15	68.20	13.05	PK	Vertical
2	5727.768	48.65	33.77	5.66	-29.60	58.48	68.20	9.72	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

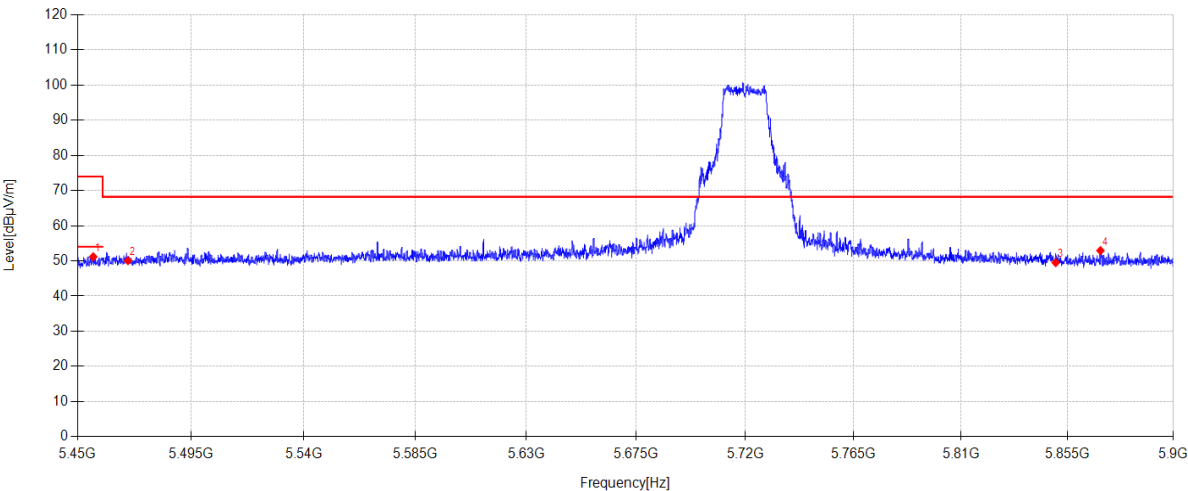
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.255	42.29	33.00	5.48	-29.60	51.17	74.00	22.83	PK	Horizontal
2	5470.000	41.17	33.00	5.49	-29.60	50.06	68.20	18.14	PK	Horizontal
3	5850.000	39.38	34.00	5.74	-29.60	49.52	68.20	18.68	PK	Horizontal
4	5868.950	42.76	34.04	5.75	-29.60	52.95	68.20	15.25	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC20 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

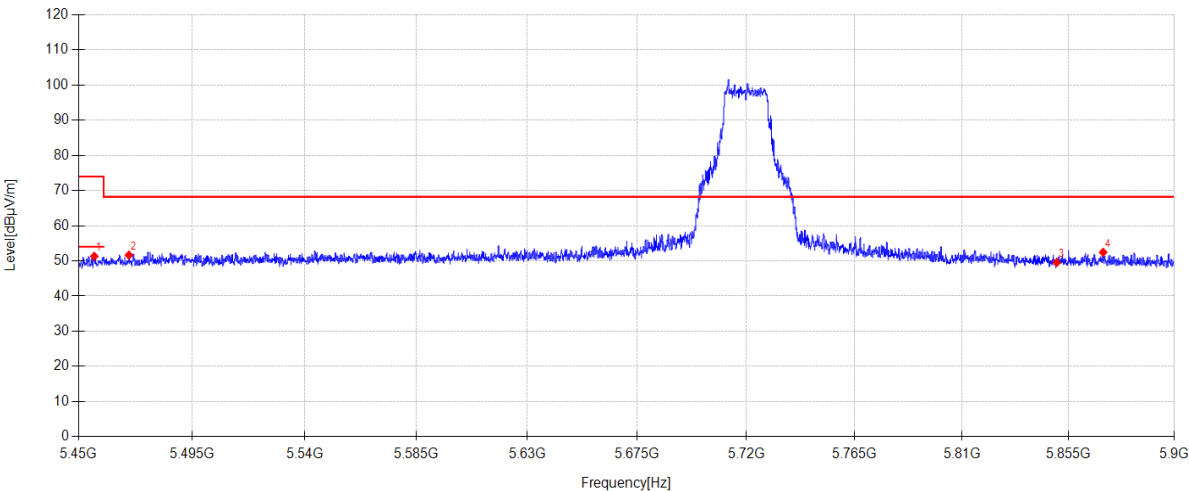
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.300	42.43	33.00	5.48	-29.60	51.31	74.00	22.69	PK	Vertical
2	5470.000	42.77	33.00	5.49	-29.60	51.66	68.20	16.54	PK	Vertical
3	5850.000	39.41	34.00	5.74	-29.60	49.55	68.20	18.65	PK	Vertical
4	5869.670	42.26	34.04	5.75	-29.60	52.45	68.20	15.75	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

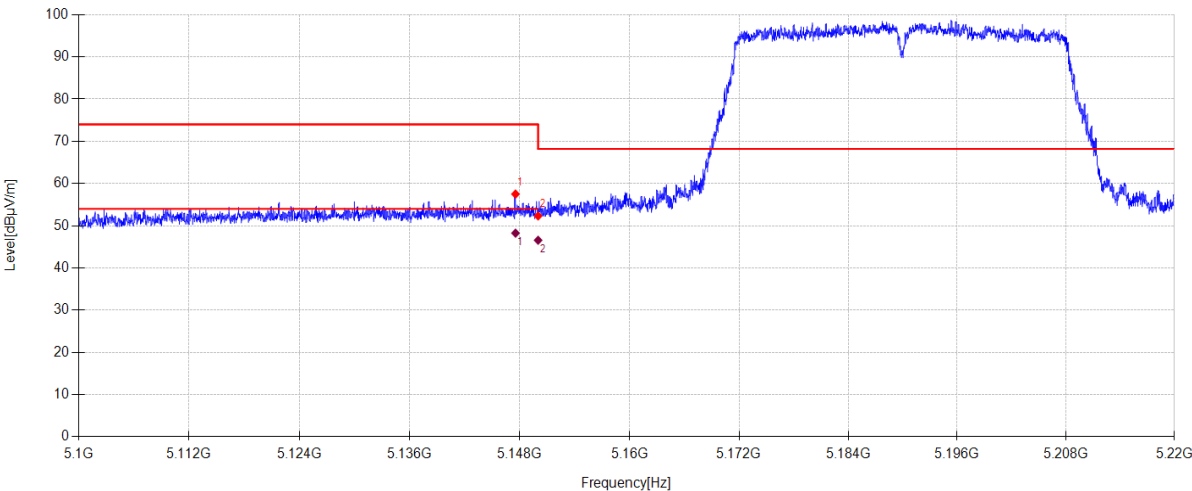
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.532	48.42	33.40	5.28	-29.60	57.50	74.00	16.50	PK	Horizontal
2	5150.000	43.23	33.40	5.28	-29.60	52.31	68.20	15.89	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	5147.532	39.16	33.40	5.28	48.24	54	5.76	AV	Horizontal	
2	5150.000	37.48	33.40	5.28	46.56	54	7.44	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

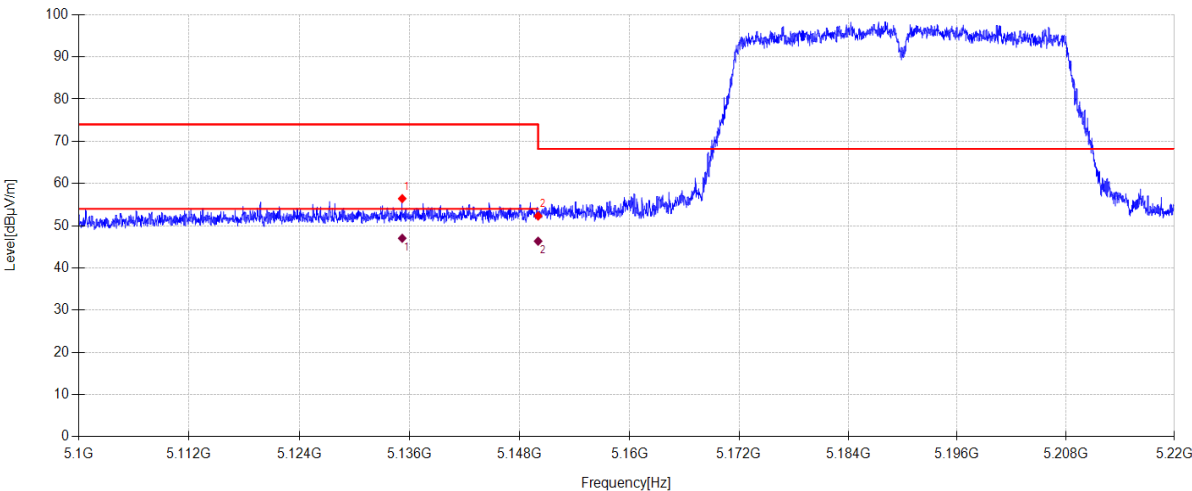
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5135.172	47.36	33.40	5.27	-29.60	56.43	74.00	17.57	PK	Vertical
2	5150.000	43.22	33.40	5.28	-29.60	52.30	68.20	15.90	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	5135.172	37.96	33.40	5.27	47.03	54	6.97	AV	Vertical	
2	5150.000	37.26	33.40	5.28	46.34	54	7.66	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

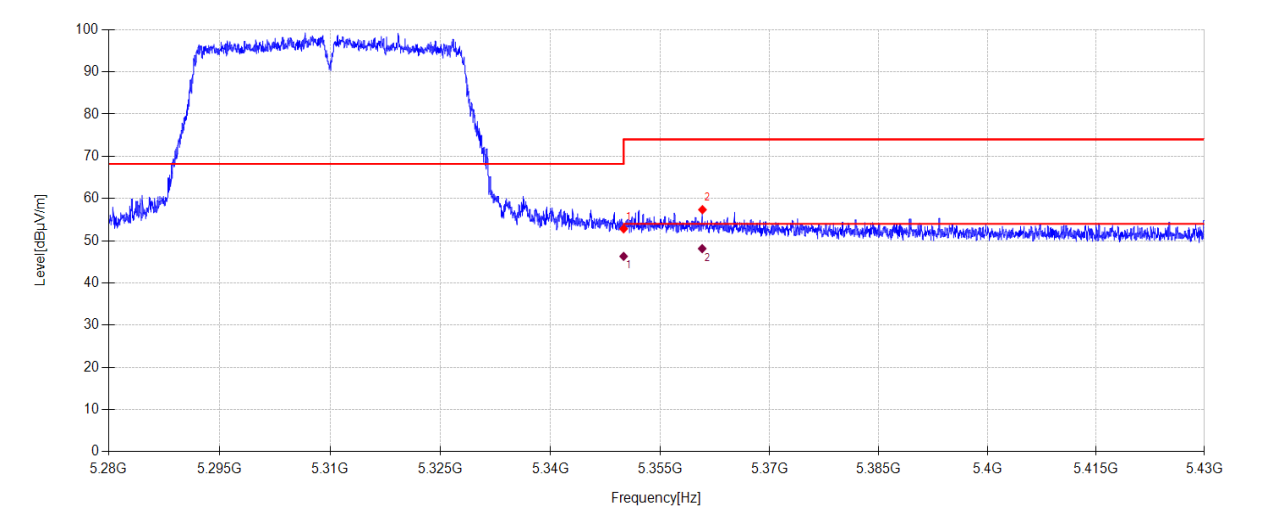
Test Site:

DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\63

Memo: Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	43.92	33.10	5.41	-29.60	52.83	74.00	21.17	PK	Horizontal
2	5360.790	48.43	33.10	5.42	-29.60	57.35	74.00	16.65	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	37.39	33.10	5.41	46.30	54	7.70	AV	Horizontal	
2	5360.752	39.21	33.10	5.42	48.13	54	5.87	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: 2024-09-14

Tested By: Guoyuan Lin

EUT: Wireless Multi-Channel Soundbar

Model Number: ENCHANT 900

Test Mode: 11AC40 MIMO 5310 MHz Mode

Power Supply: AC 120V/60Hz

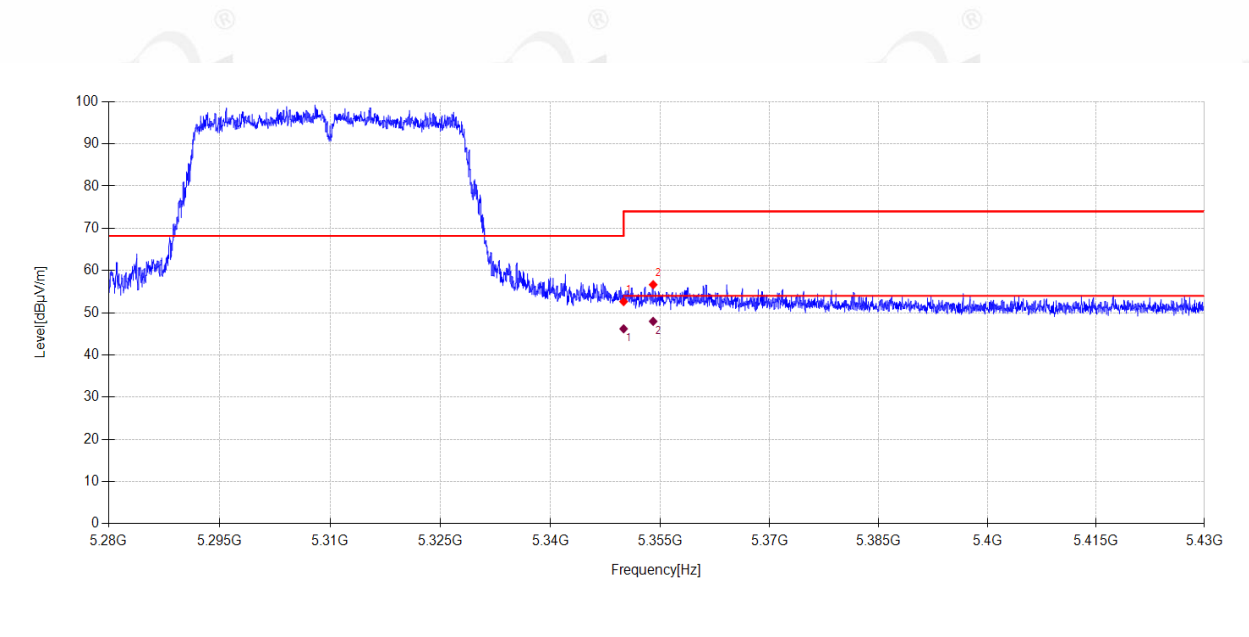
Condition: Temp:23.5°C;Humi:65.2%

Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\64

Memo: Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	43.73	33.10	5.41	-29.60	52.64	74.00	21.36	PK	Vertical
2	5354.040	47.73	33.10	5.41	-29.60	56.64	74.00	17.36	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	37.28	33.10	5.41	46.19	54	7.81	AV	Vertical
2	5354.040	39.04	33.10	5.41	47.95	54	6.05	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

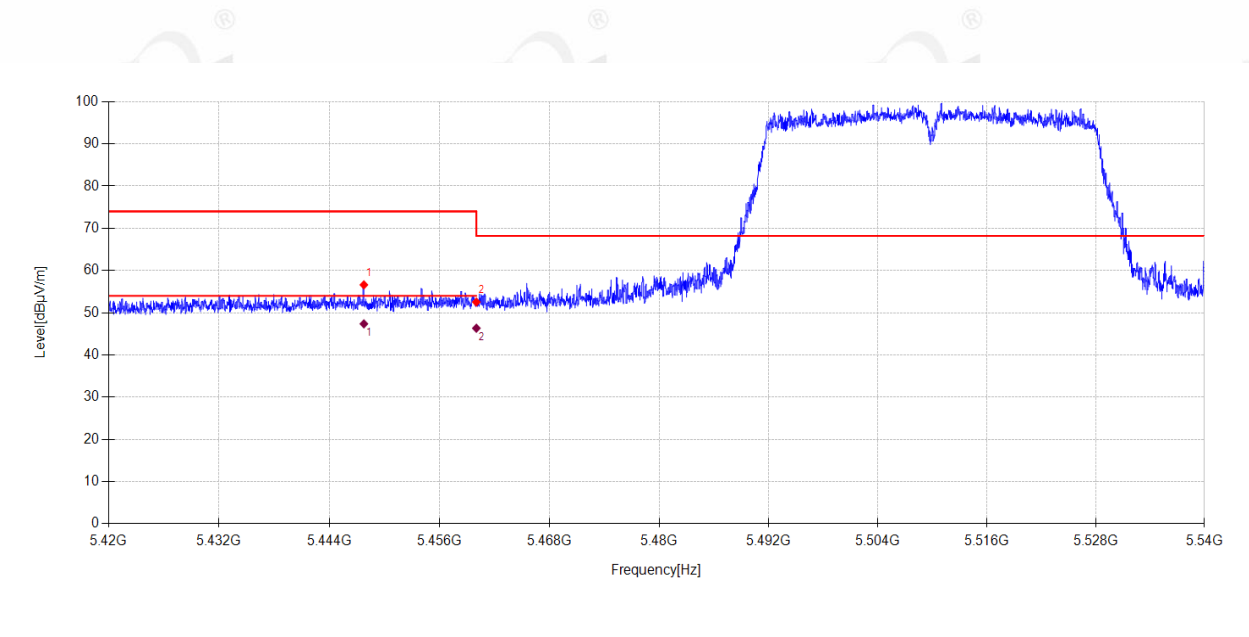
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5447.744	47.72	33.00	5.48	-29.60	56.60	74.00	17.40	PK	Horizontal
2	5460.000	43.65	33.00	5.48	-29.60	52.53	68.20	15.67	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	5447.744	38.49	33.00	5.48	47.37	54	6.63	AV	Horizontal	
2	5460.000	37.45	33.00	5.48	46.33	54	7.67	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

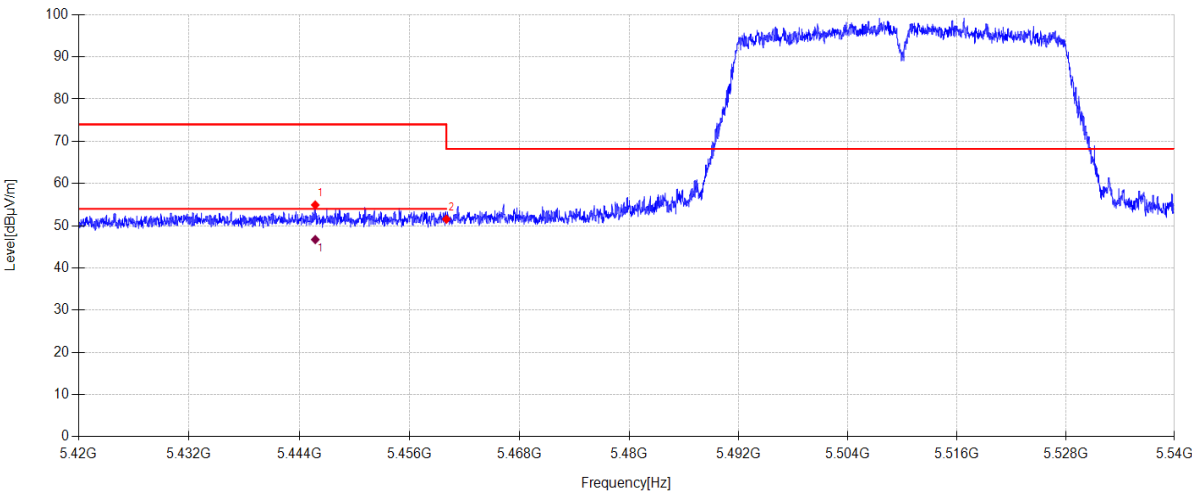
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5445.716	46.04	33.01	5.47	-29.60	54.92	74.00	19.08	PK	Vertical
2	5460.000	42.67	33.00	5.48	-29.60	51.55	68.20	16.65	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	5445.716	37.84	33.01	5.47	46.72	54	7.28	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

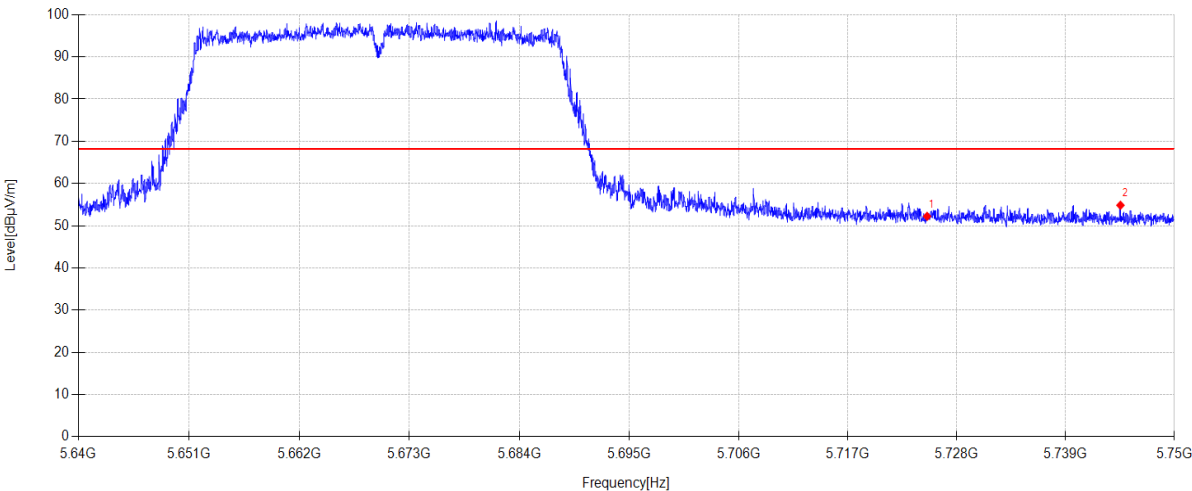
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.42	33.75	5.66	-29.60	52.23	68.20	15.97	PK	Horizontal
2	5744.544	44.91	33.87	5.67	-29.60	54.85	68.20	13.35	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

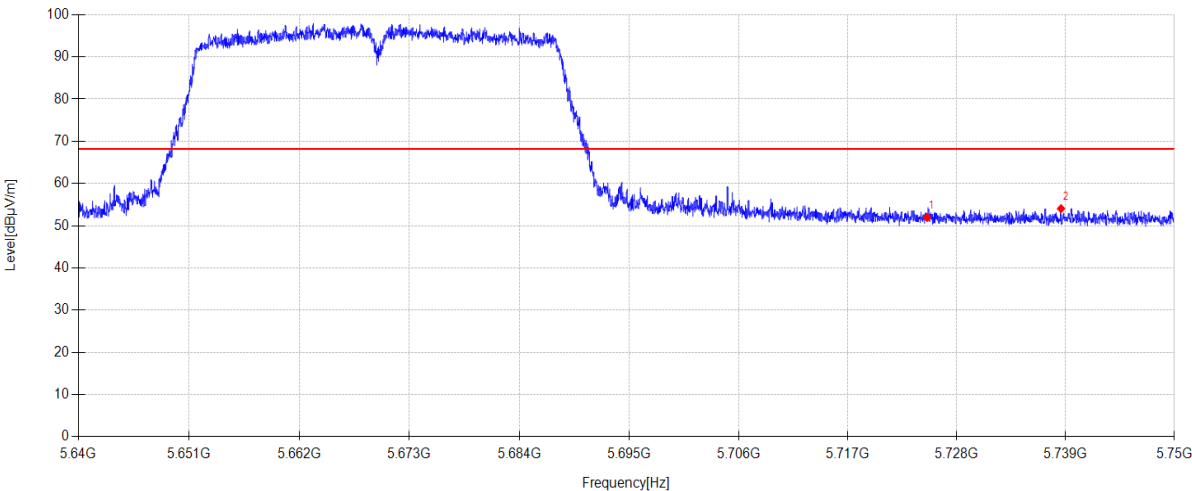
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.16	33.75	5.66	-29.60	51.97	68.20	16.23	PK	Vertical
2	5738.527	44.15	33.83	5.67	-29.60	54.05	68.20	14.15	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

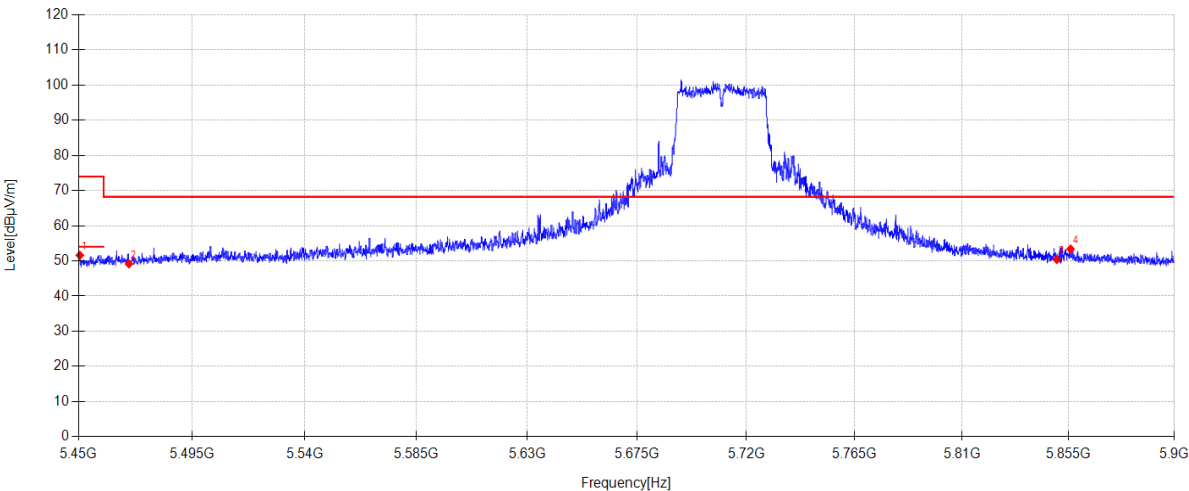
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.585	42.72	33.00	5.48	-29.60	51.60	74.00	22.40	PK	Horizontal
2	5470.000	40.26	33.00	5.49	-29.60	49.15	68.20	19.05	PK	Horizontal
3	5850.000	40.26	34.00	5.74	-29.60	50.40	68.20	17.80	PK	Horizontal
4	5855.855	43.23	34.01	5.74	-29.60	53.38	68.20	14.82	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

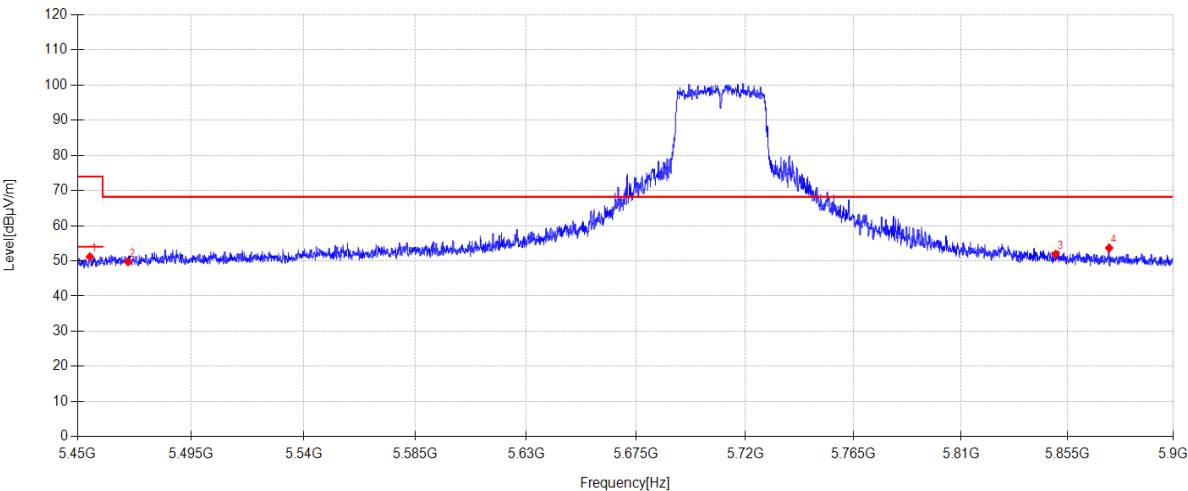
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5454.950	42.30	33.00	5.48	-29.60	51.18	74.00	22.82	PK	Vertical
2	5470.000	40.86	33.00	5.49	-29.60	49.75	68.20	18.45	PK	Vertical
3	5850.000	41.77	34.00	5.74	-29.60	51.91	68.20	16.29	PK	Vertical
4	5872.640	43.46	34.05	5.76	-29.60	53.67	68.20	14.53	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

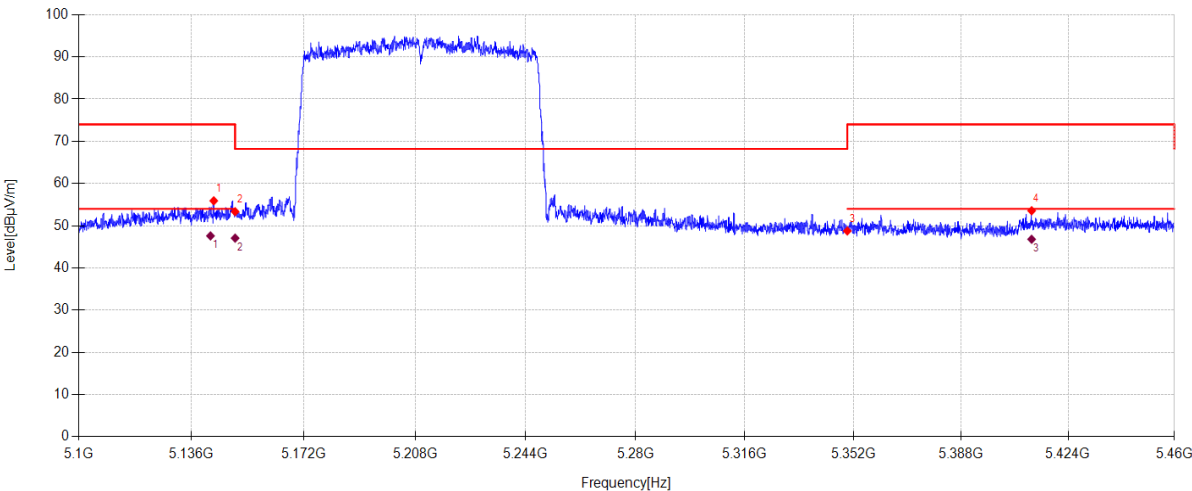
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5143.164	46.84	33.40	5.27	-29.60	55.91	74.00	18.09	PK	Horizontal
2	5150.000	44.25	33.40	5.28	-29.60	53.33	68.20	14.87	PK	Horizontal
3	5350.000	39.85	33.10	5.41	-29.60	48.76	74.00	25.24	PK	Horizontal
4	5411.724	44.63	33.08	5.45	-29.60	53.56	74.00	20.44	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	5142.114	38.52	33.40	5.27	47.59	54	6.41	AV	Horizontal
2	5150.000	37.98	33.40	5.28	47.06	54	6.94	AV	Horizontal
3	5411.724	37.86	33.08	5.45	46.79	54	7.21	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

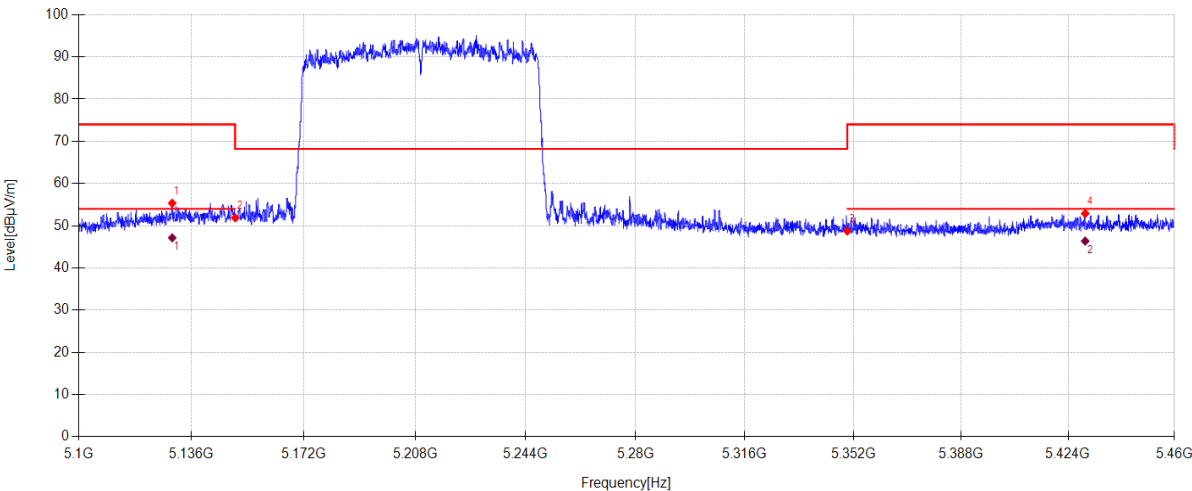
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5129.880	46.27	33.40	5.27	-29.60	55.34	74.00	18.66	PK	Vertical
2	5150.000	42.80	33.40	5.28	-29.60	51.88	68.20	16.32	PK	Vertical
3	5350.000	39.82	33.10	5.41	-29.60	48.73	74.00	25.27	PK	Vertical
4	5429.796	43.98	33.04	5.46	-29.60	52.88	74.00	21.12	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	5129.880	38.06	33.40	5.27	47.13	54	6.87	AV	Vertical
2	5429.796	37.46	33.04	5.46	46.36	54	7.64	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

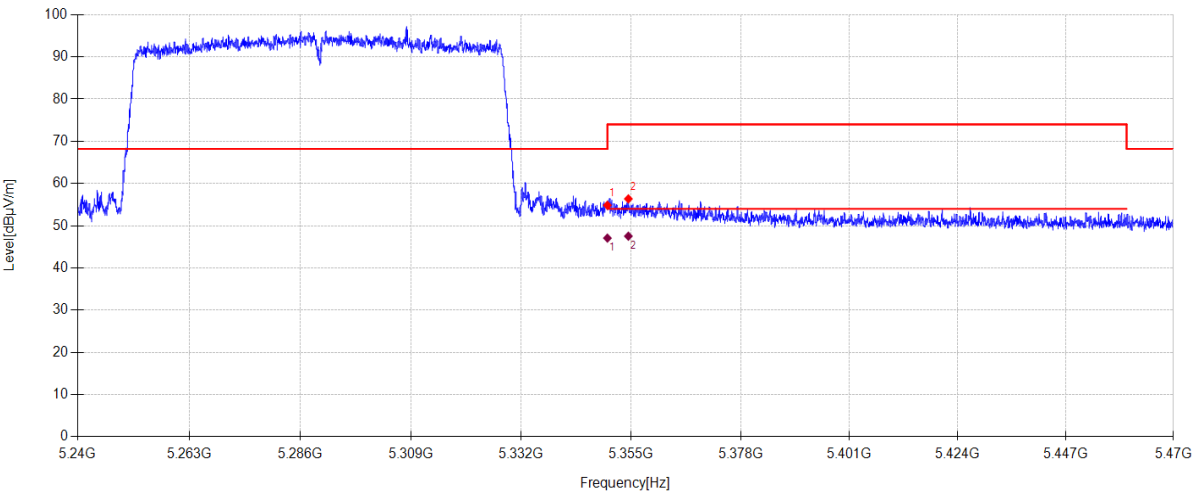
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	45.94	33.10	5.41	-29.60	54.85	74.00	19.15	PK	Horizontal
2	5354.402	47.45	33.10	5.41	-29.60	56.36	74.00	17.64	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	38.16	33.10	5.41	47.07	54	6.93	AV	Horizontal	
2	5354.402	38.61	33.10	5.41	47.52	54	6.48	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

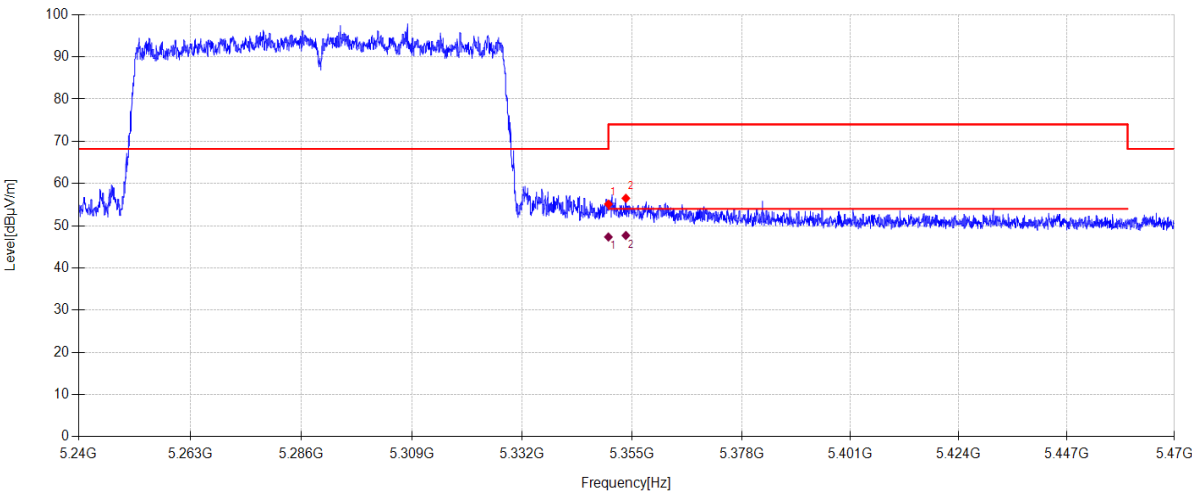
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	46.21	33.10	5.41	-29.60	55.12	74.00	18.88	PK	Vertical
2	5353.666	47.59	33.10	5.41	-29.60	56.50	74.00	17.50	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	38.42	33.10	5.41	47.33	54	6.67	AV	Vertical	
2	5353.666	38.78	33.10	5.41	47.69	54	6.31	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

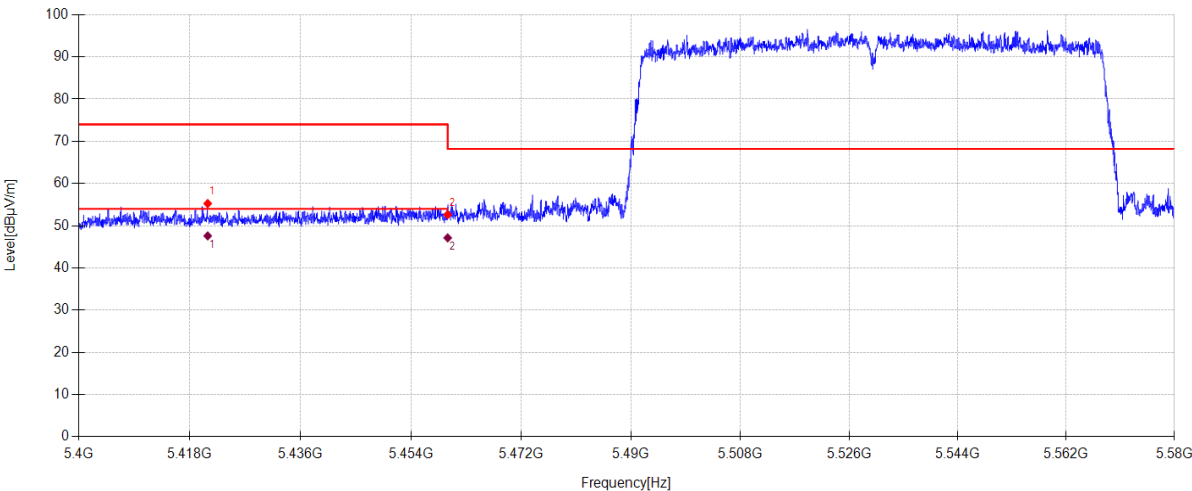
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5420.934	46.34	33.06	5.46	-29.60	55.26	74.00	18.74	PK	Horizontal
2	5460.000	43.75	33.00	5.48	-29.60	52.63	68.20	15.57	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	5420.934	38.67	33.06	5.46	47.59	54	6.41	AV	Horizontal	
2	5460.000	38.24	33.00	5.48	47.12	54	6.88	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

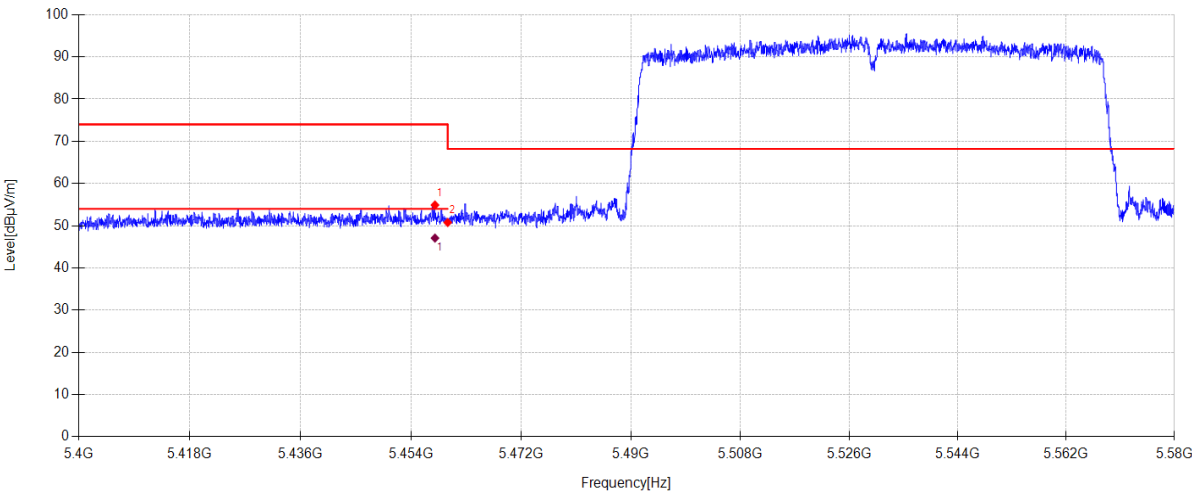
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5457.924	46.02	33.00	5.48	-29.60	54.90	74.00	19.10	PK	Vertical
2	5460.000	41.89	33.00	5.48	-29.60	50.77	68.20	17.43	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	5457.924	38.19	33.00	5.48	47.07	54	6.93	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

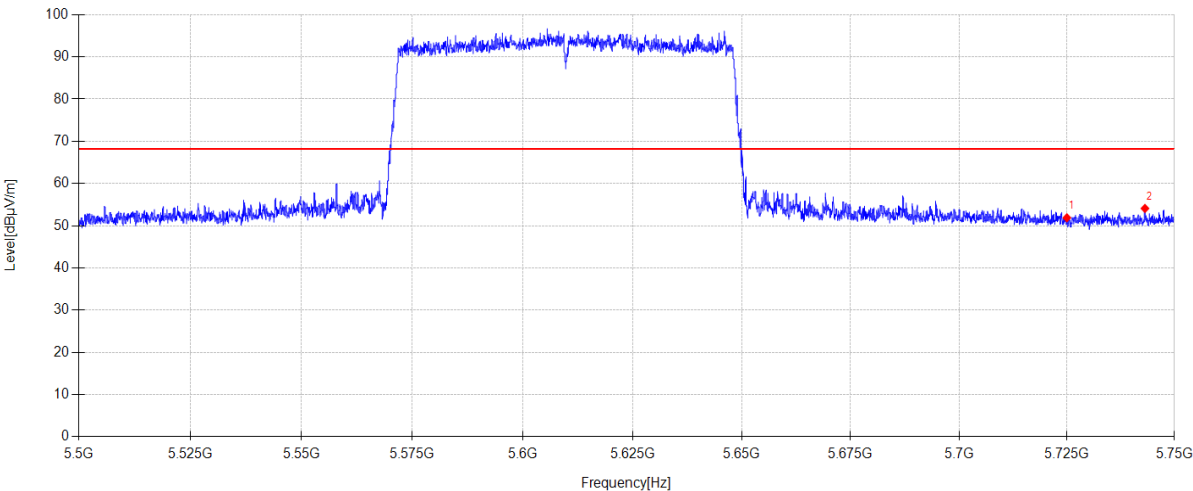
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d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\87

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.08	33.75	5.66	-29.60	51.89	68.20	16.31	PK	Horizontal
2	5743.150	44.17	33.86	5.67	-29.60	54.10	68.20	14.10	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

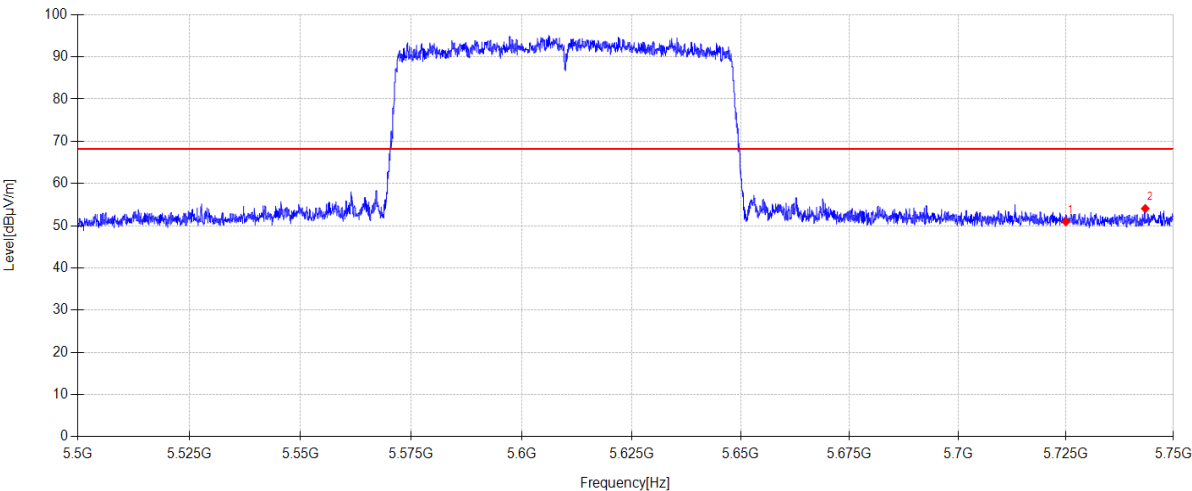
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	41.15	33.75	5.66	-29.60	50.96	68.20	17.24	PK	Vertical
2	5743.450	44.13	33.86	5.67	-29.60	54.06	68.20	14.14	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.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

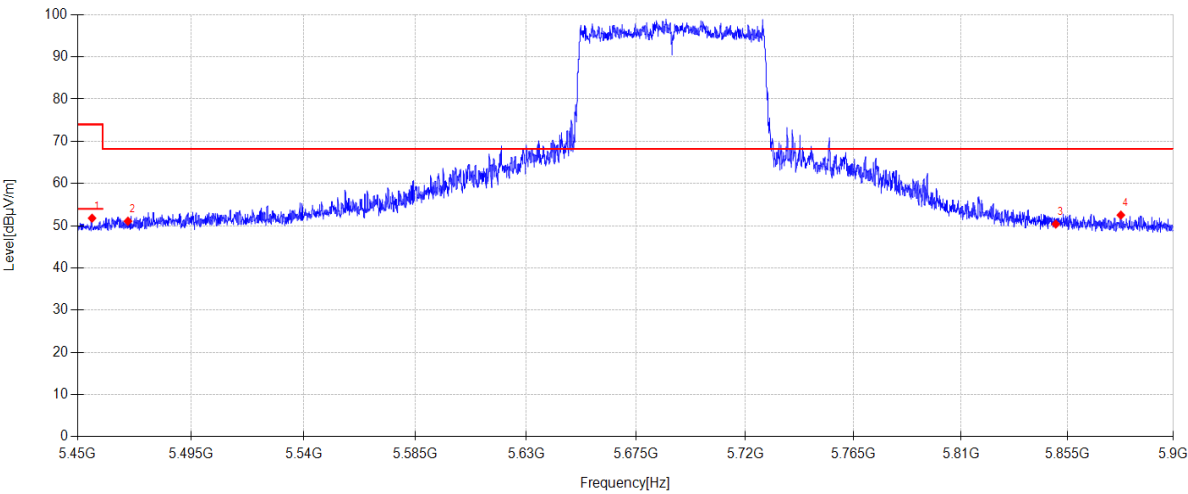
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5455.805	42.91	33.00	5.48	-29.60	51.79	74.00	22.21	PK	Horizontal
2	5470.000	42.19	33.00	5.49	-29.60	51.08	68.20	17.12	PK	Horizontal
3	5850.000	40.25	34.00	5.74	-29.60	50.39	68.20	17.81	PK	Horizontal
4	5877.635	42.30	34.06	5.76	-29.60	52.52	68.20	15.68	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AC80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

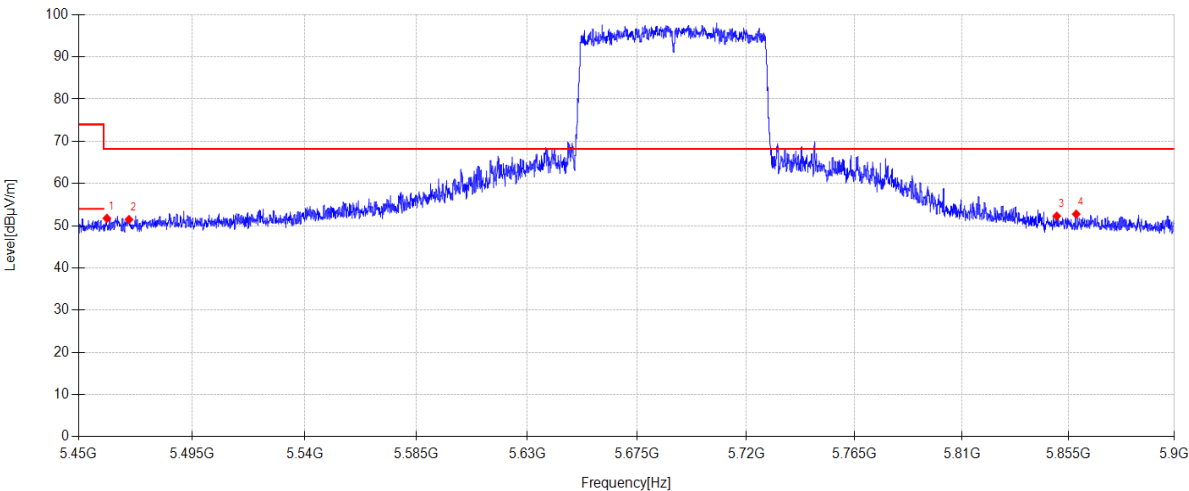
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5461.250	42.88	33.00	5.48	-29.60	51.76	68.20	16.44	PK	Vertical
2	5470.000	42.58	33.00	5.49	-29.60	51.47	68.20	16.73	PK	Vertical
3	5850.000	42.15	34.00	5.74	-29.60	52.29	68.20	15.91	PK	Vertical
4	5858.240	42.59	34.02	5.75	-29.60	52.76	68.20	15.44	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: 2024-09-14 Tested By: Guoyuan Lin

EUT: Wireless Multi-Channel Soundbar Model Number: ENCHANT 900

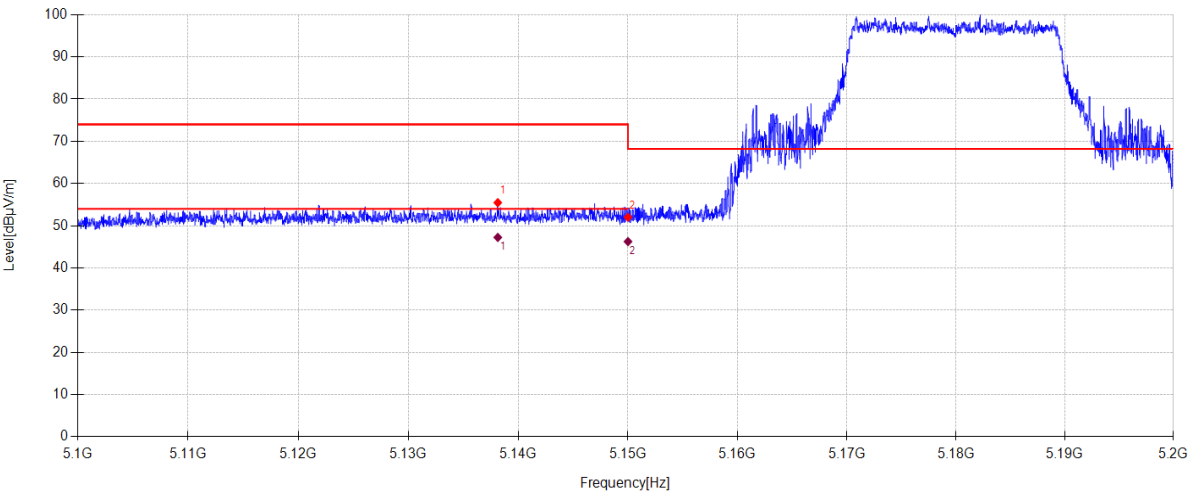
Test Mode: 11AX20 MIMO 5180 MHz Mode Power Supply: AC 120V/60Hz

Condition: Temp:23.5°C;Humi:65.2% Test Site: DDT 3# Chamber

File Path: d:\ts\2024 report data\Q24081428-1\FCC RE Above 1G 5G\43

Memo: Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5138.130	46.40	33.40	5.27	-29.60	55.47	74.00	18.53	PK	Horizontal
2	5150.000	42.93	33.40	5.28	-29.60	52.01	68.20	16.19	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	5138.130	38.17	33.40	5.27	47.24	54	6.76	AV	Horizontal	
2	5150.000	37.16	33.40	5.28	46.24	54	7.76	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

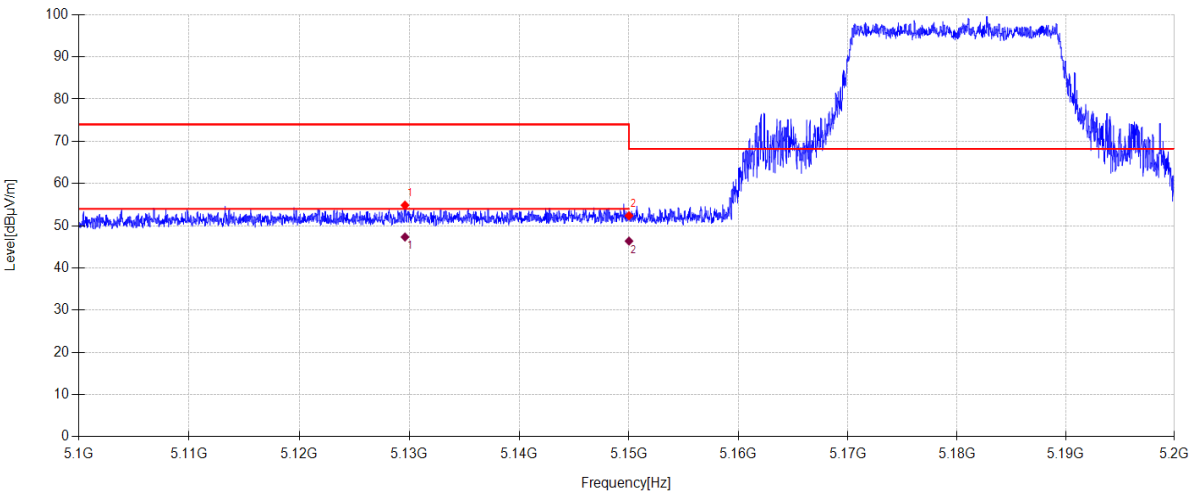
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5129.600	45.79	33.40	5.27	-29.60	54.86	74.00	19.14	PK	Vertical
2	5150.000	43.29	33.40	5.28	-29.60	52.37	68.20	15.83	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	5129.600	38.26	33.40	5.27	47.33	74.00	26.67	AV	Vertical	
2	5150.000	37.28	33.40	5.28	46.36	54	7.64	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

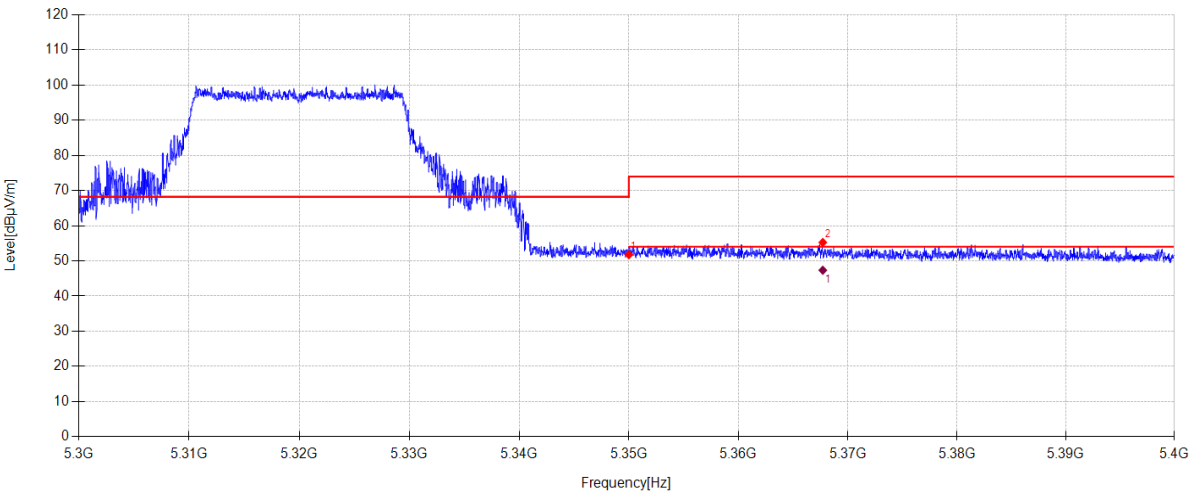
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.85	33.10	5.41	-29.60	51.76	68.20	16.44	PK	Horizontal
2	5367.720	46.33	33.10	5.42	-29.60	55.25	74.00	18.75	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	5367.720	38.43	33.10	5.42	47.35	54	6.65	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

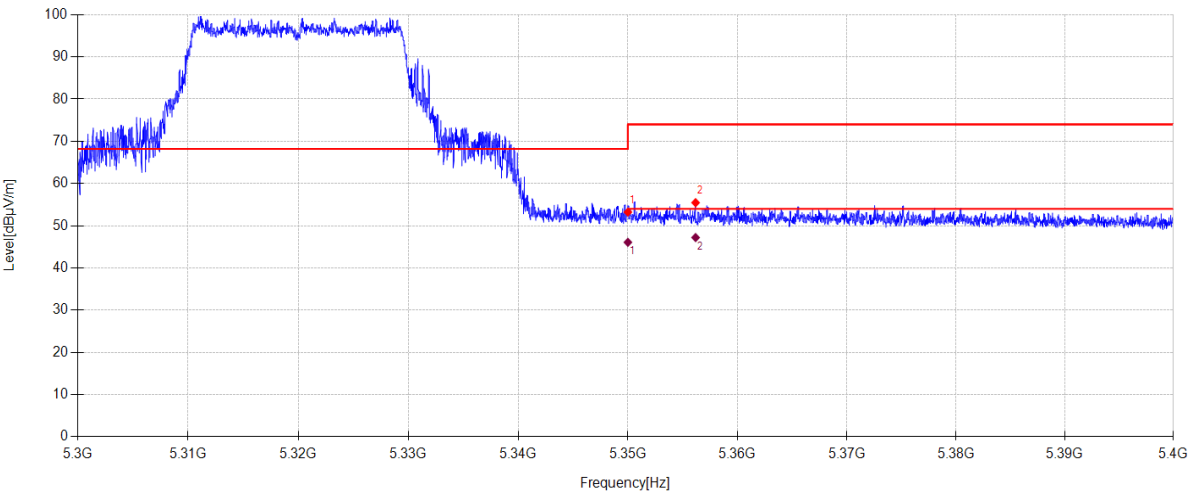
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	44.31	33.10	5.41	-29.60	53.22	68.20	14.98	PK	Vertical
2	5356.180	46.54	33.10	5.42	-29.60	55.46	74.00	18.54	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	37.16	33.10	5.41	46.07	54	7.93	AV	Vertical	
2	5356.180	38.28	33.10	5.42	47.20	54	6.80	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

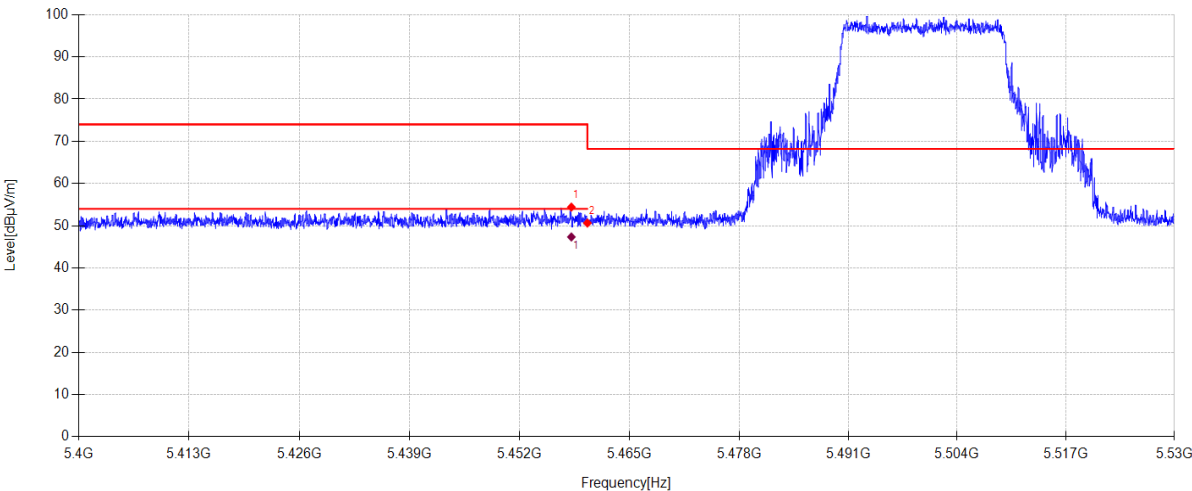
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.097	45.53	33.00	5.48	-29.60	54.41	74.00	19.59	PK	Horizontal
2	5460.000	41.76	33.00	5.48	-29.60	50.64	68.20	17.56	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	5458.097	38.46	33.00	5.48	47.34	54	6.66	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

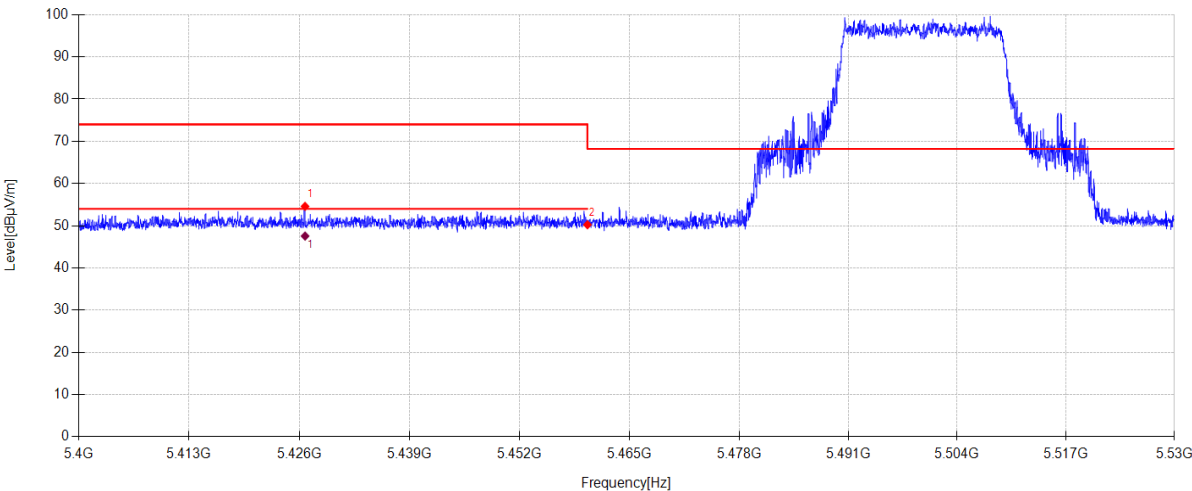
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5426.637	45.68	33.05	5.46	-29.60	54.59	74.00	19.41	PK	Vertical
2	5460.000	41.35	33.00	5.48	-29.60	50.23	68.20	17.97	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	5426.637	38.64	33.05	5.46	47.55	54	6.45	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

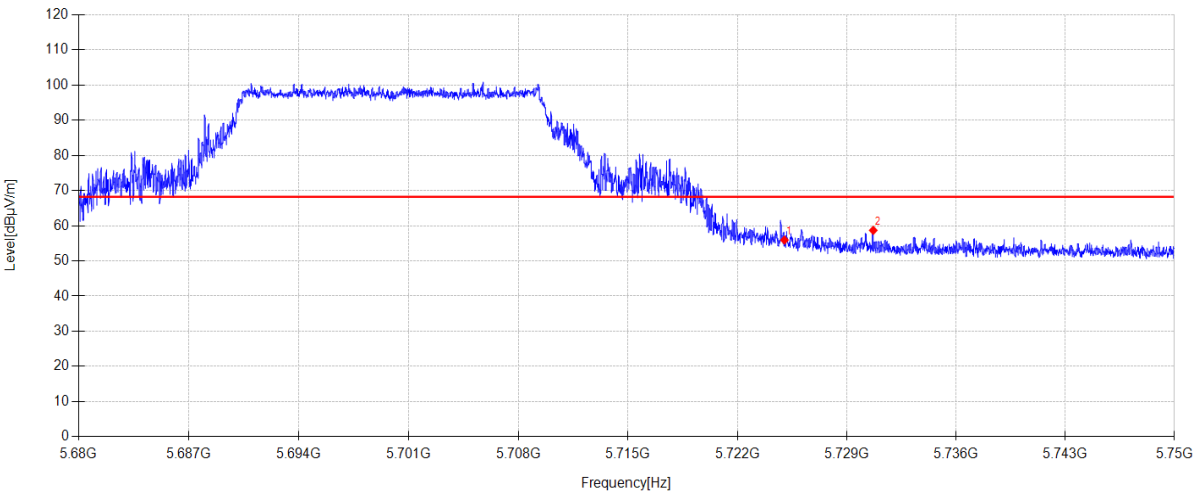
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	46.12	33.75	5.66	-29.60	55.93	68.20	12.27	PK	Horizontal
2	5730.687	48.85	33.78	5.66	-29.60	58.69	68.20	9.51	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

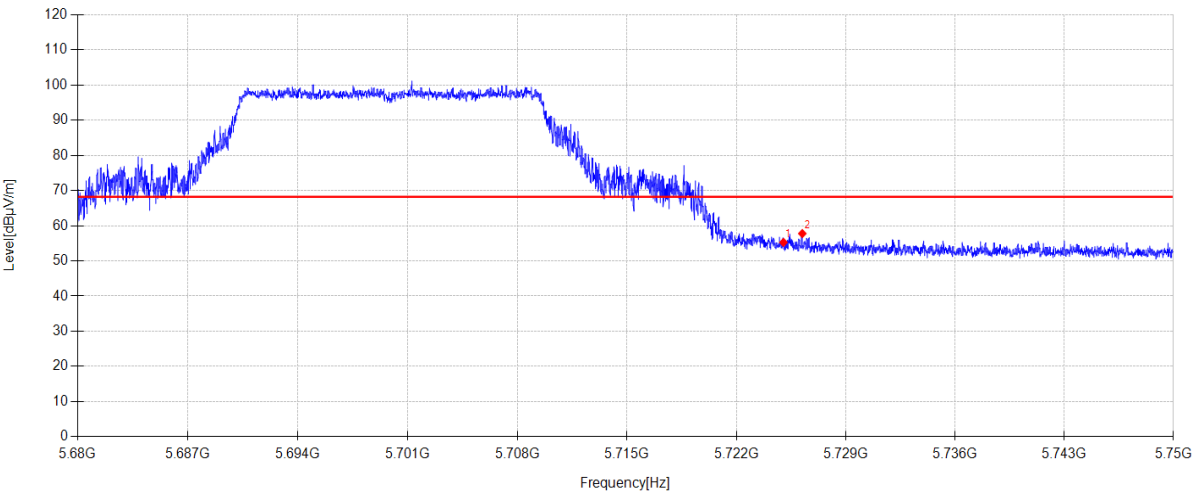
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	45.45	33.75	5.66	-29.60	55.26	68.20	12.94	PK	Vertical
2	5726.207	47.96	33.76	5.66	-29.60	57.78	68.20	10.42	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

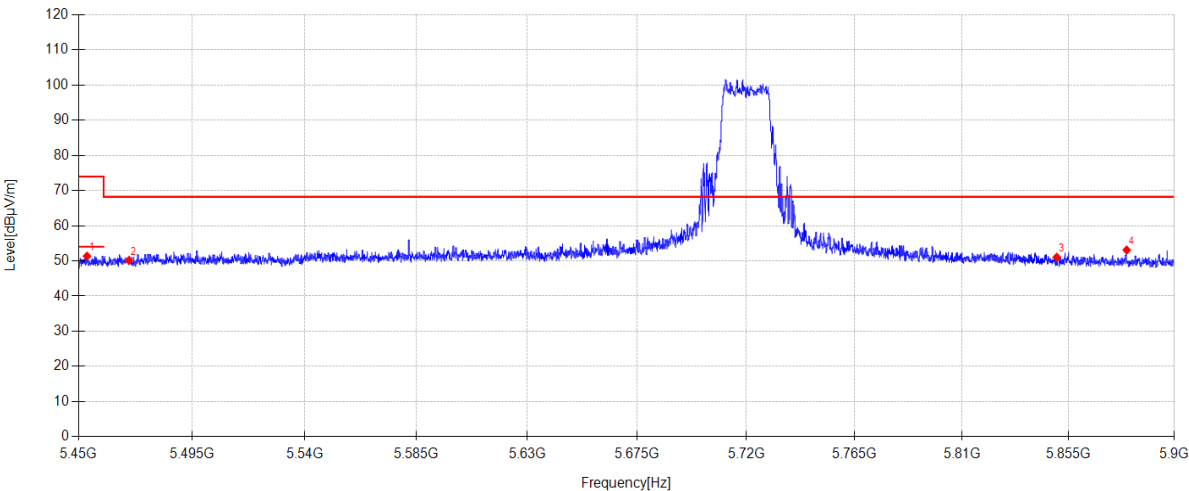
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d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G KUAYUE15

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5453.420	42.47	33.00	5.48	-29.60	51.35	74.00	22.65	PK	Horizontal
2	5470.000	41.20	33.00	5.49	-29.60	50.09	68.20	18.11	PK	Horizontal
3	5850.000	40.90	34.00	5.74	-29.60	51.04	68.20	17.16	PK	Horizontal
4	5879.705	42.87	34.06	5.76	-29.60	53.09	68.20	15.11	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 MIMO 5720 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

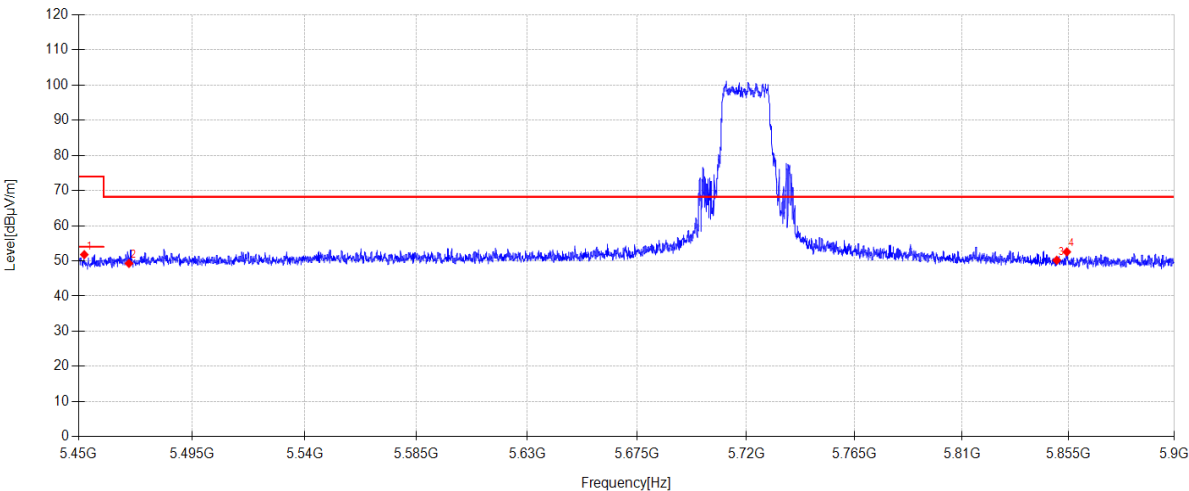
File Path:

d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G KUAYUE16

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.340	42.90	33.00	5.48	-29.60	51.78	74.00	22.22	PK	Vertical
2	5470.000	40.40	33.00	5.49	-29.60	49.29	68.20	18.91	PK	Vertical
3	5850.000	40.04	34.00	5.74	-29.60	50.18	68.20	18.02	PK	Vertical
4	5854.280	42.42	34.01	5.74	-29.60	52.57	68.20	15.63	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

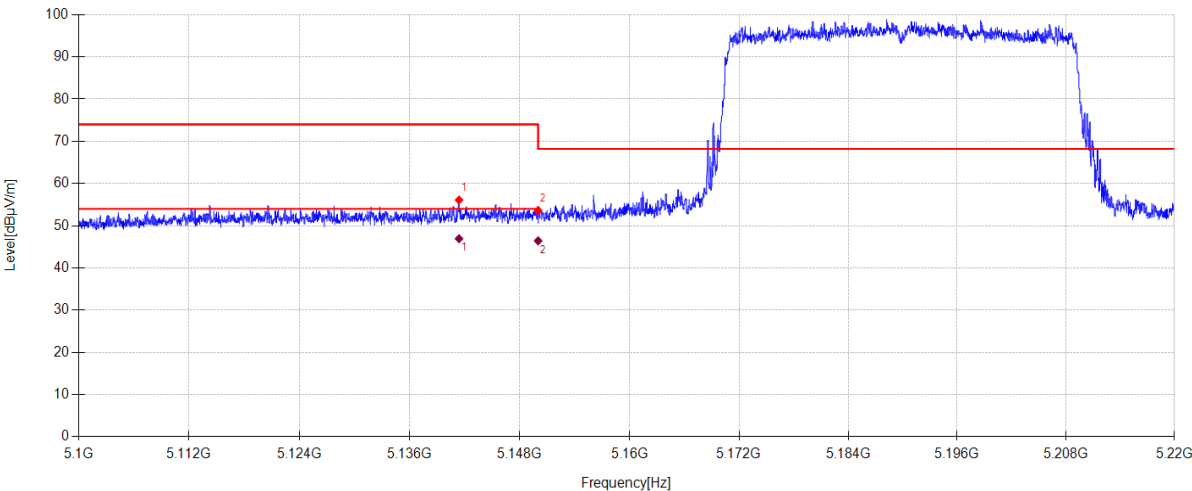
File Path:

d:\ts\2024 report data\Q24081428-1\FCC RE Above 1G 5G\71

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5141.364	47.02	33.40	5.27	-29.60	56.09	74.00	17.91	PK	Horizontal
2	5150.000	44.54	33.40	5.28	-29.60	53.62	68.20	14.58	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	5141.364	37.86	33.40	5.27	46.93	54	7.07	AV	Horizontal	
2	5150.000	37.34	33.40	5.28	46.42	54	7.58	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5190 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

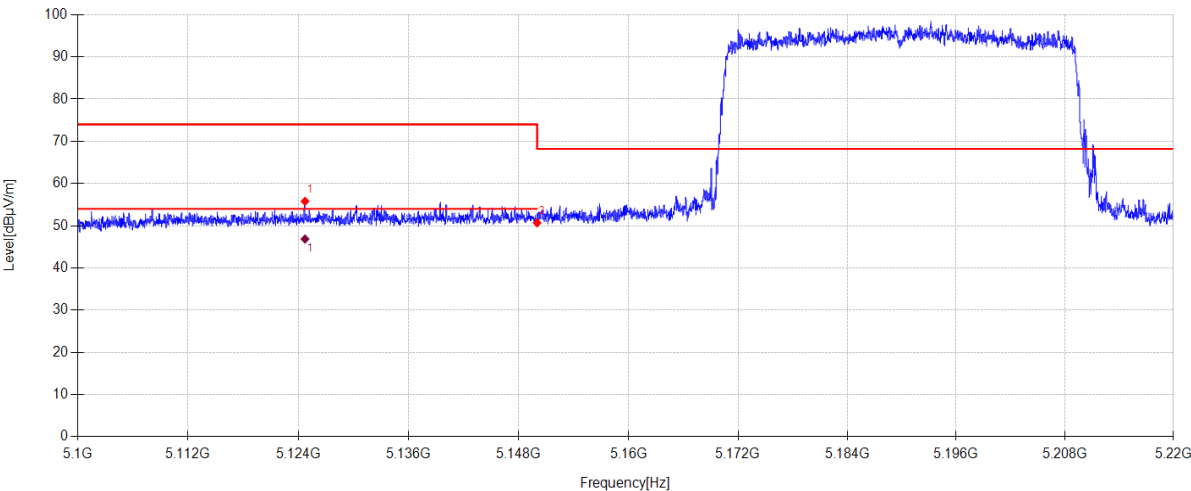
File Path:

d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\72

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5124.696	46.73	33.40	5.26	-29.60	55.79	74.00	18.21	PK	Vertical
2	5150.000	41.61	33.40	5.28	-29.60	50.69	68.20	17.51	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	5124.696	37.79	33.40	5.26	46.85	54	7.15	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

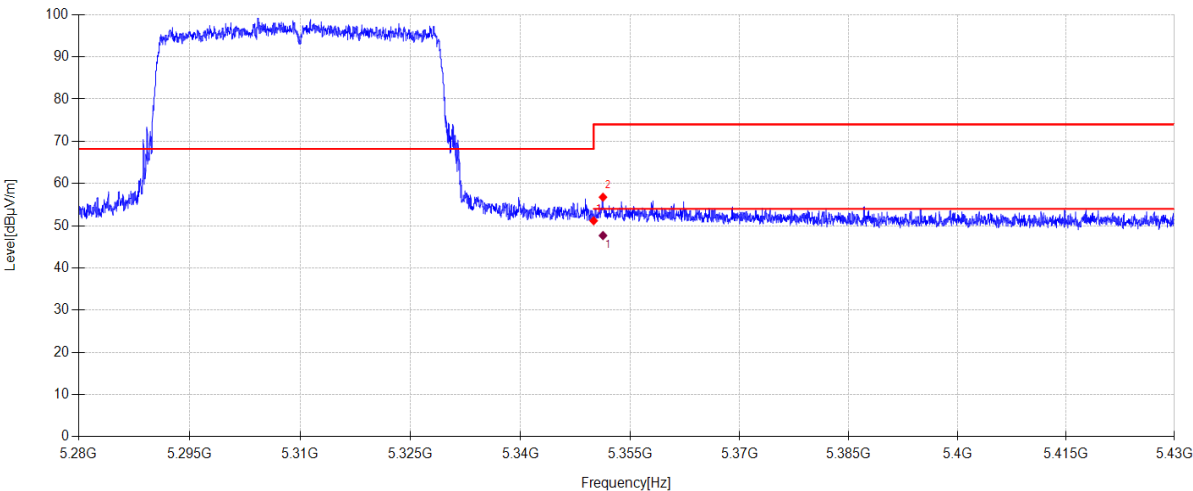
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d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\61

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.27	33.10	5.41	-29.60	51.18	74.00	22.82	PK	Horizontal
2	5351.280	47.85	33.10	5.41	-29.60	56.76	74.00	17.24	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	5351.280	38.76	33.10	5.41	47.67	54	6.33	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5310 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

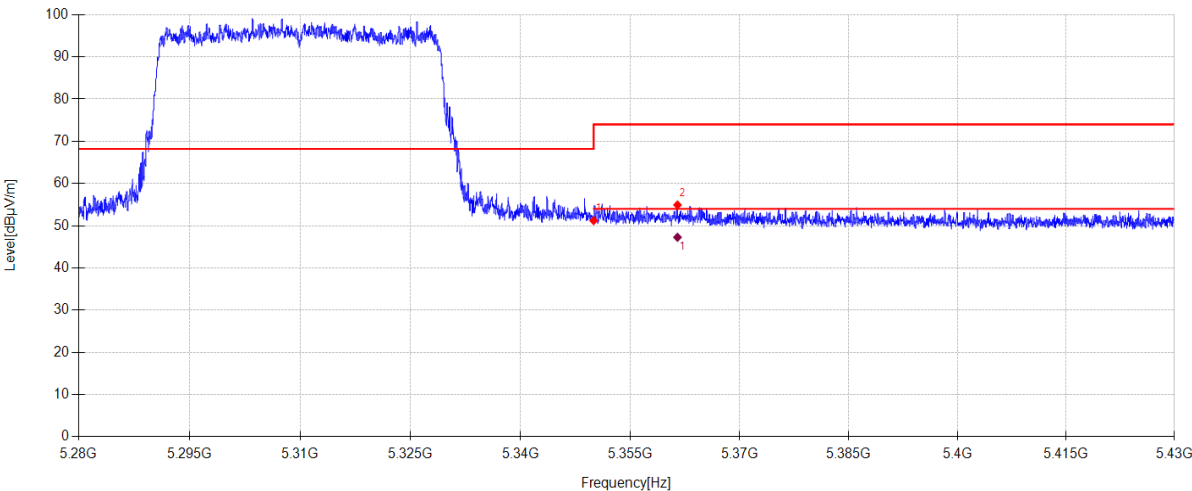
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.31	33.10	5.41	-29.60	51.22	74.00	22.78	PK	Vertical
2	5361.480	46.00	33.10	5.42	-29.60	54.92	74.00	19.08	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	5361.480	38.34	33.10	5.42	47.26	54	6.74	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

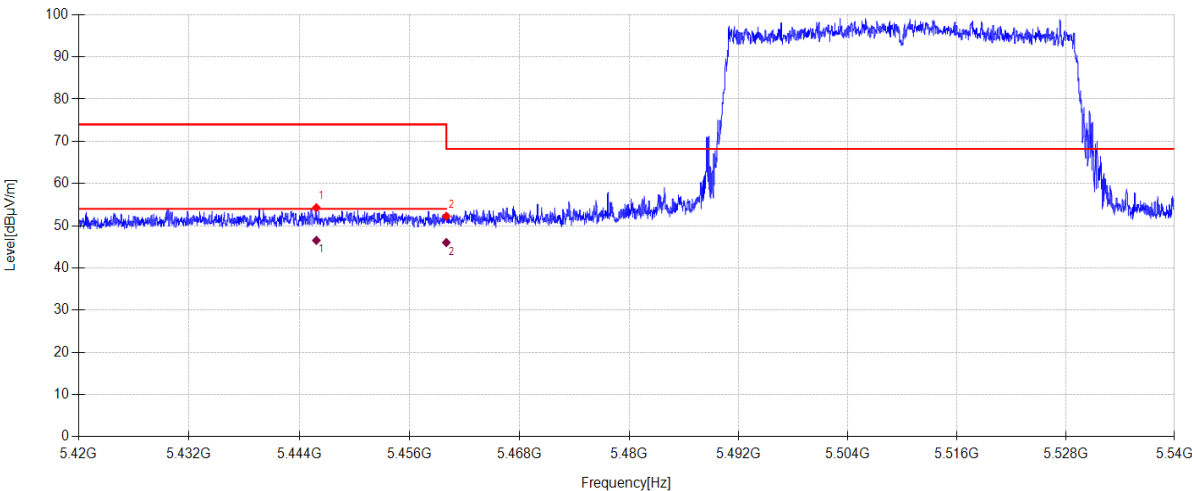
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d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\59

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5445.836	45.39	33.01	5.47	-29.60	54.27	74.00	19.73	PK	Horizontal
2	5460.000	43.36	33.00	5.48	-29.60	52.24	68.20	15.96	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	5445.836	37.65	33.01	5.47	46.53	54	7.47	AV	Horizontal	
2	5460.000	37.14	33.00	5.48	46.02	54	7.98	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5510 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

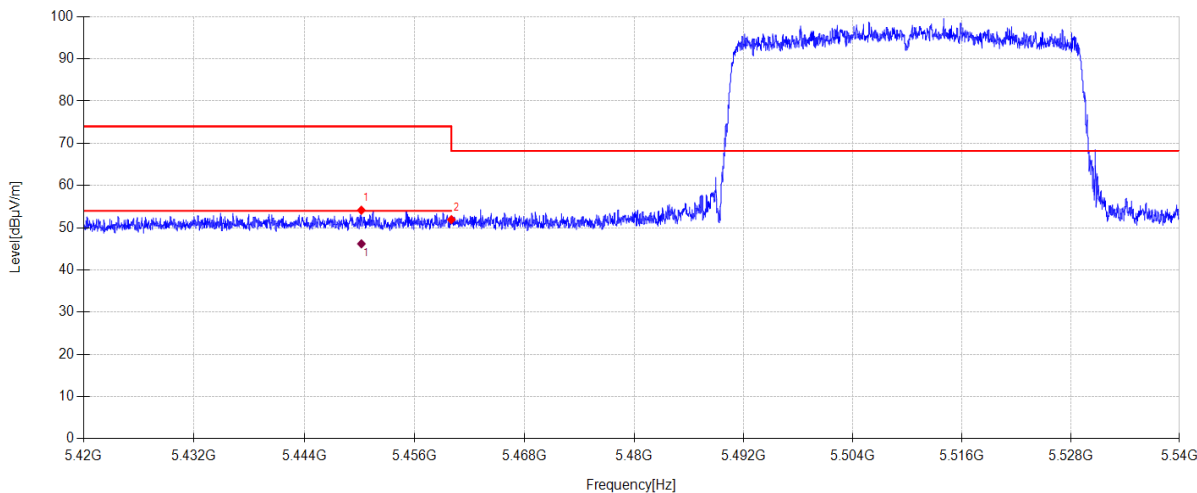
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5450.192	45.27	33.00	5.48	-29.60	54.15	74.00	19.85	PK	Vertical
2	5460.000	43.05	33.00	5.48	-29.60	51.93	68.20	16.27	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	5450.192	37.31	33.00	5.48	46.19	54	7.81	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

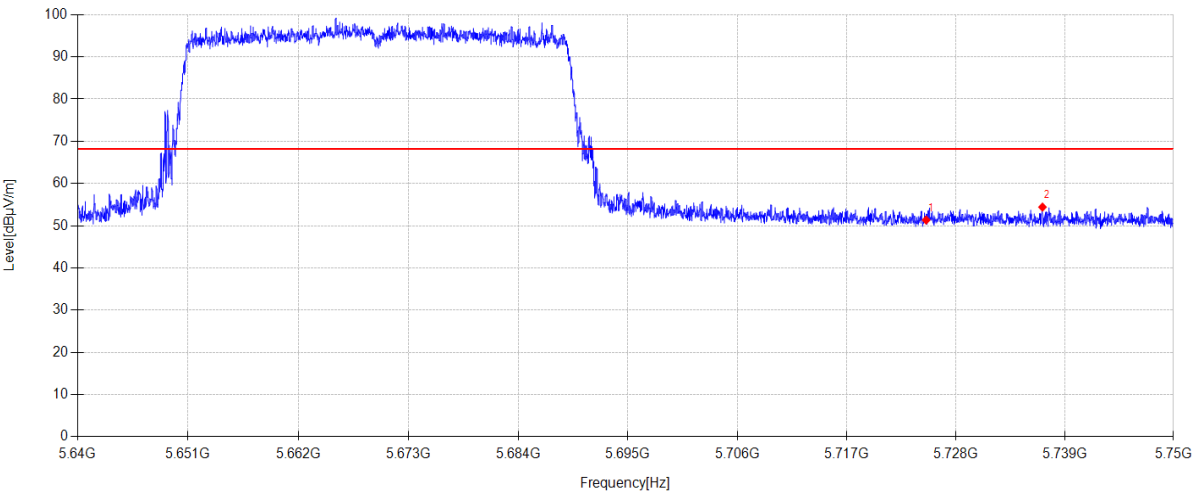
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	41.54	33.75	5.66	-29.60	51.35	68.20	16.85	PK	Horizontal
2	5736.756	44.52	33.82	5.67	-29.60	54.41	68.20	13.79	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5670 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

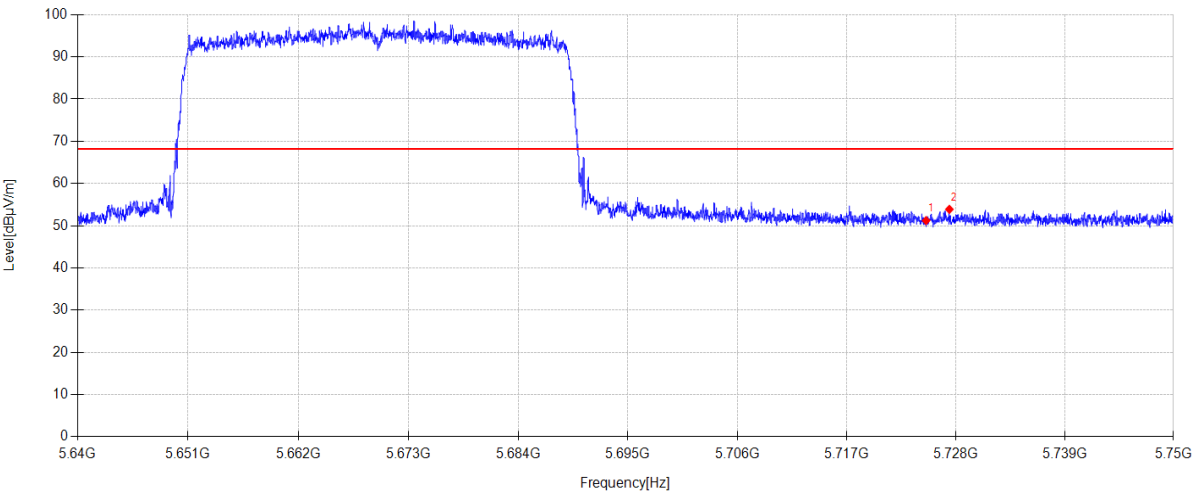
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	41.42	33.75	5.66	-29.60	51.23	68.20	16.97	PK	Vertical
2	5727.351	44.07	33.76	5.66	-29.60	53.89	68.20	14.31	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

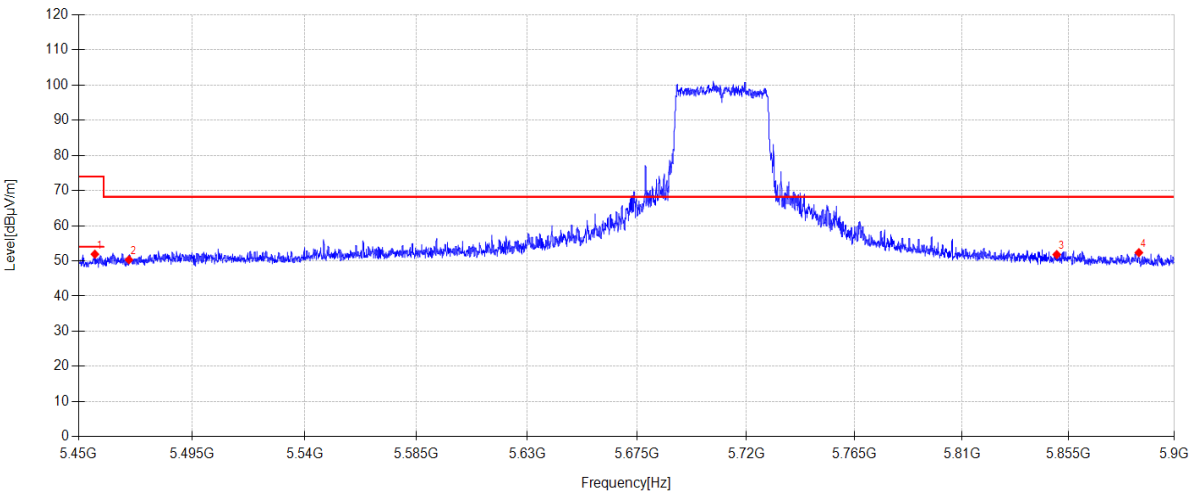
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.525	43.02	33.00	5.48	-29.60	51.90	74.00	22.10	PK	Horizontal
2	5470.000	41.43	33.00	5.49	-29.60	50.32	68.20	17.88	PK	Horizontal
3	5850.000	41.67	34.00	5.74	-29.60	51.81	68.20	16.39	PK	Horizontal
4	5884.880	42.12	34.07	5.76	-29.60	52.35	68.20	15.85	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX40 MIMO 5710 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

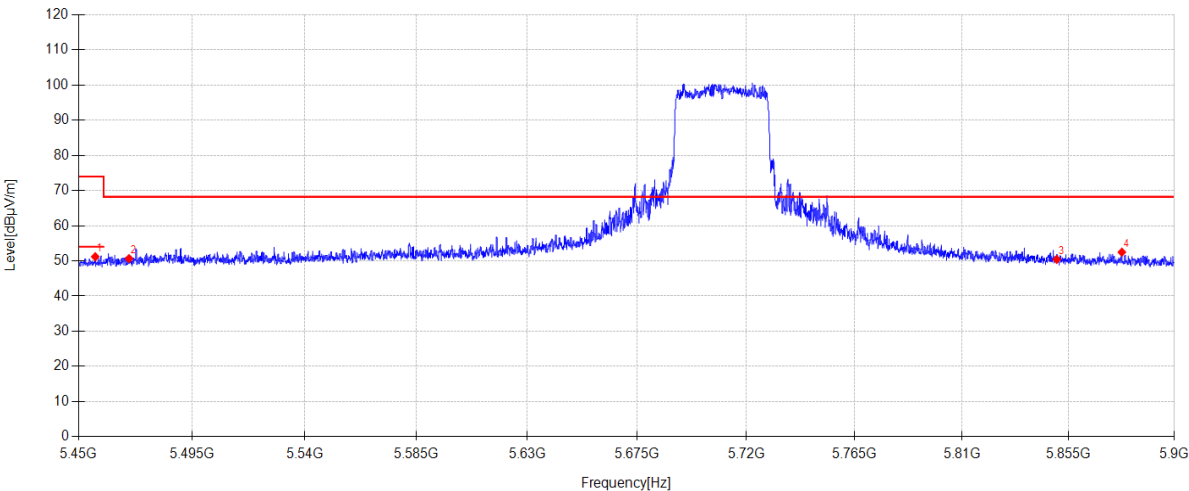
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5456.660	42.31	33.00	5.48	-29.60	51.19	74.00	22.81	PK	Vertical
2	5470.000	41.75	33.00	5.49	-29.60	50.64	68.20	17.56	PK	Vertical
3	5850.000	40.29	34.00	5.74	-29.60	50.43	68.20	17.77	PK	Vertical
4	5877.635	42.25	34.06	5.76	-29.60	52.47	68.20	15.73	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

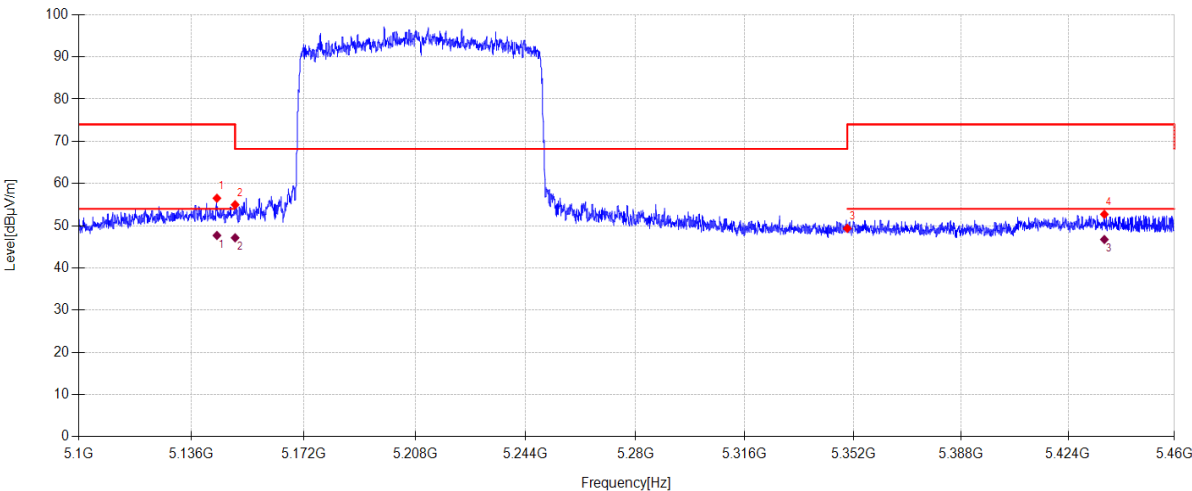
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5144.172	47.44	33.40	5.28	-29.60	56.52	74.00	17.48	PK	Horizontal
2	5150.000	45.90	33.40	5.28	-29.60	54.98	68.20	13.22	PK	Horizontal
3	5350.000	40.46	33.10	5.41	-29.60	49.37	74.00	24.63	PK	Horizontal
4	5436.276	43.80	33.03	5.47	-29.60	52.70	74.00	21.30	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	5144.172	38.61	33.40	5.28	47.69	54	6.31	AV	Horizontal
2	5150.000	38.06	33.40	5.28	47.14	54	6.86	AV	Horizontal
3	5436.276	37.84	33.03	5.47	46.74	54	7.26	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5210 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

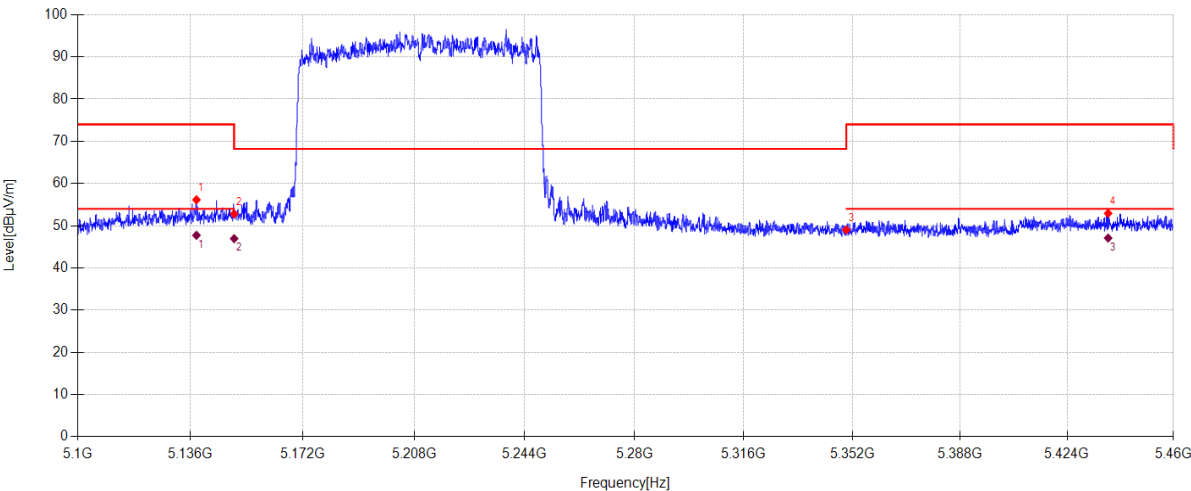
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5137.944	47.08	33.40	5.27	-29.60	56.15	74.00	17.85	PK	Vertical
2	5150.000	43.71	33.40	5.28	-29.60	52.79	68.20	15.41	PK	Vertical
3	5350.000	40.11	33.10	5.41	-29.60	49.02	74.00	24.98	PK	Vertical
4	5437.896	44.05	33.02	5.47	-29.60	52.94	74.00	21.06	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	5137.944	38.66	33.40	5.27	47.73	54	6.27	AV	Vertical
2	5150.000	37.86	33.40	5.28	46.94	54	7.06	AV	Vertical
3	5437.896	38.18	33.02	5.47	47.07	54	6.93	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

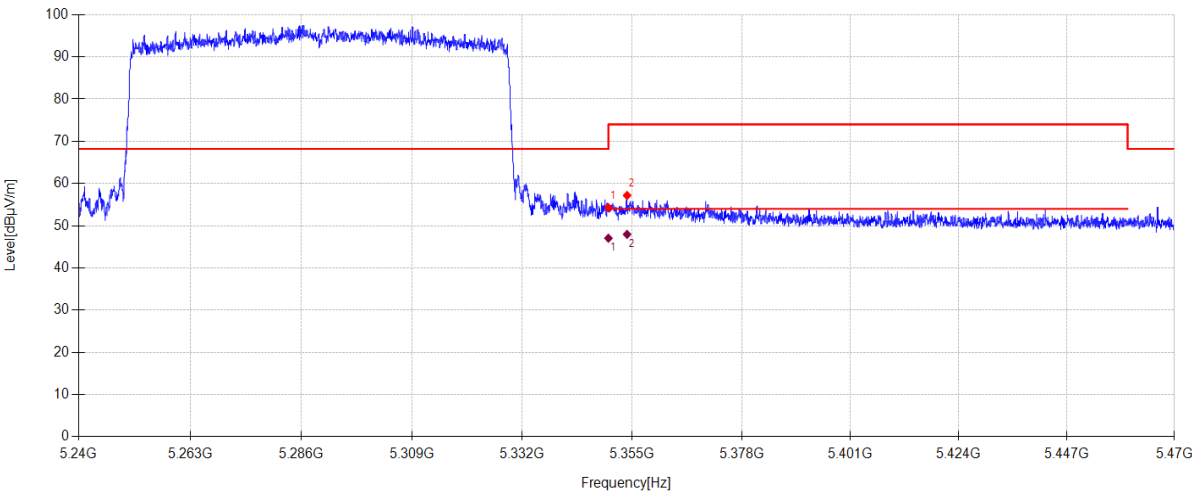
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	45.36	33.10	5.41	-29.60	54.27	74.00	19.73	PK	Horizontal
2	5353.919	48.26	33.10	5.41	-29.60	57.17	74.00	16.83	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	38.13	33.10	5.41	47.04	54	6.96	AV	Horizontal	
2	5353.919	39.04	33.10	5.41	47.95	54	6.05	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:

2024-09-14

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5290 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

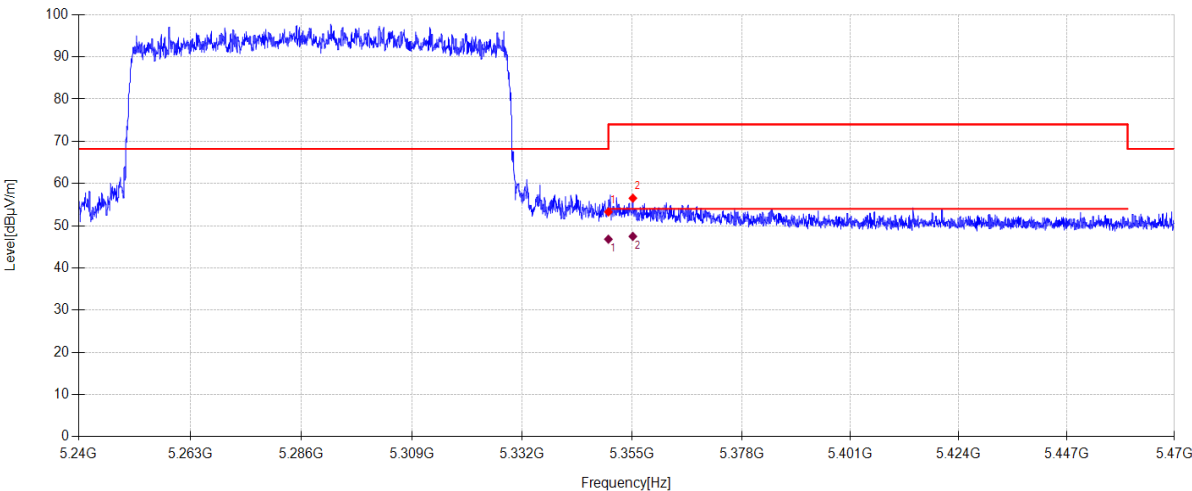
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	44.36	33.10	5.41	-29.60	53.27	74.00	20.73	PK	Vertical
2	5355.138	47.61	33.10	5.41	-29.60	56.52	74.00	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	5350.000	37.89	33.10	5.41	46.80	54	7.20	AV	Vertical	
2	5355.138	38.56	33.10	5.41	47.47	54	6.53	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

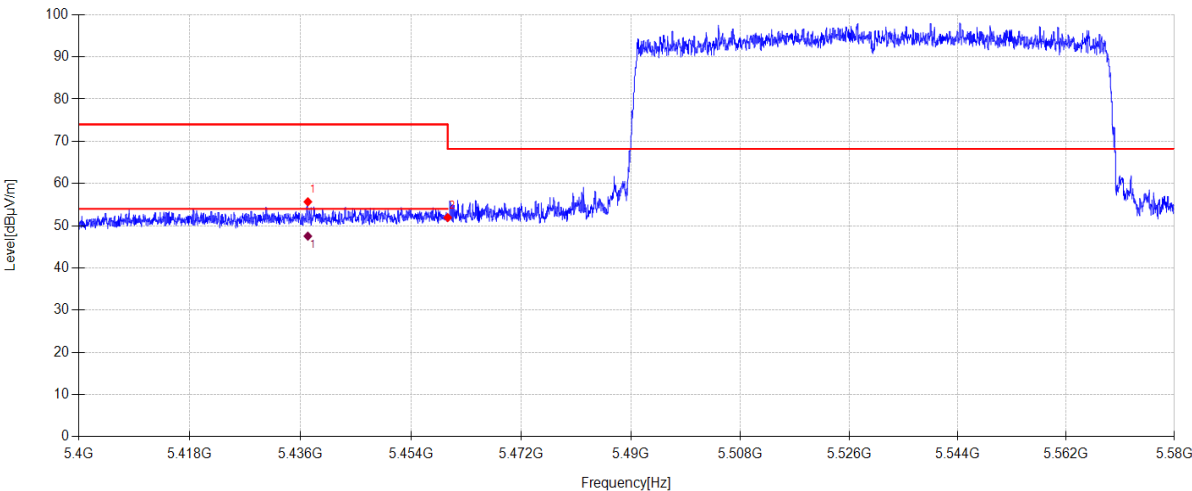
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d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G\83

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5437.206	46.76	33.03	5.47	-29.60	55.66	74.00	18.34	PK	Horizontal
2	5460.000	43.05	33.00	5.48	-29.60	51.93	68.20	16.27	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	5437.206	38.63	33.03	5.47	47.53	54	6.47	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5530 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

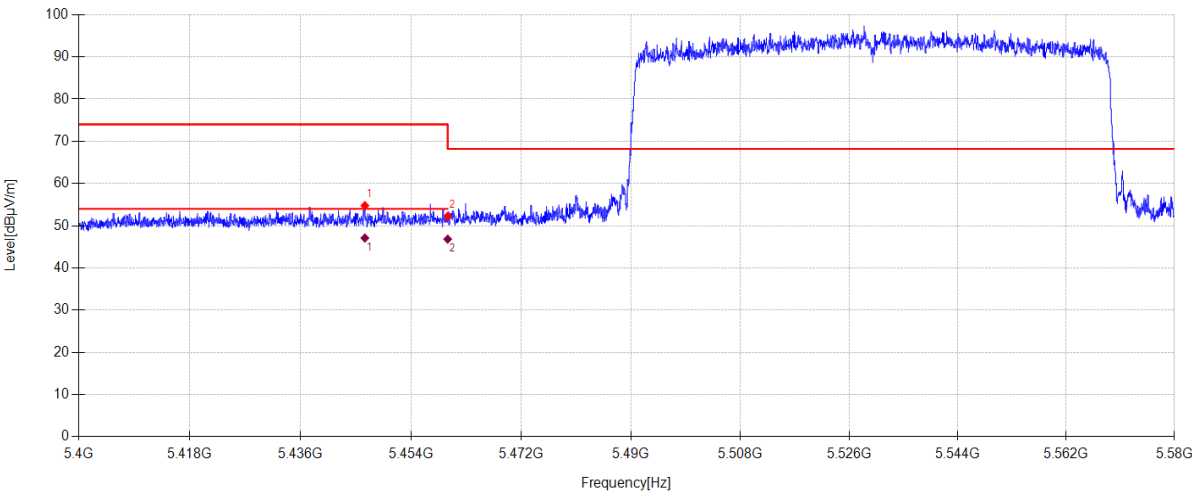
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5446.494	45.89	33.01	5.47	-29.60	54.77	74.00	19.23	PK	Vertical
2	5460.000	43.36	33.00	5.48	-29.60	52.24	68.20	15.96	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	5446.494	38.21	33.01	5.47	47.09	54	6.91	AV	Vertical	
2	5460.000	37.94	33.00	5.48	46.82	54	7.18	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

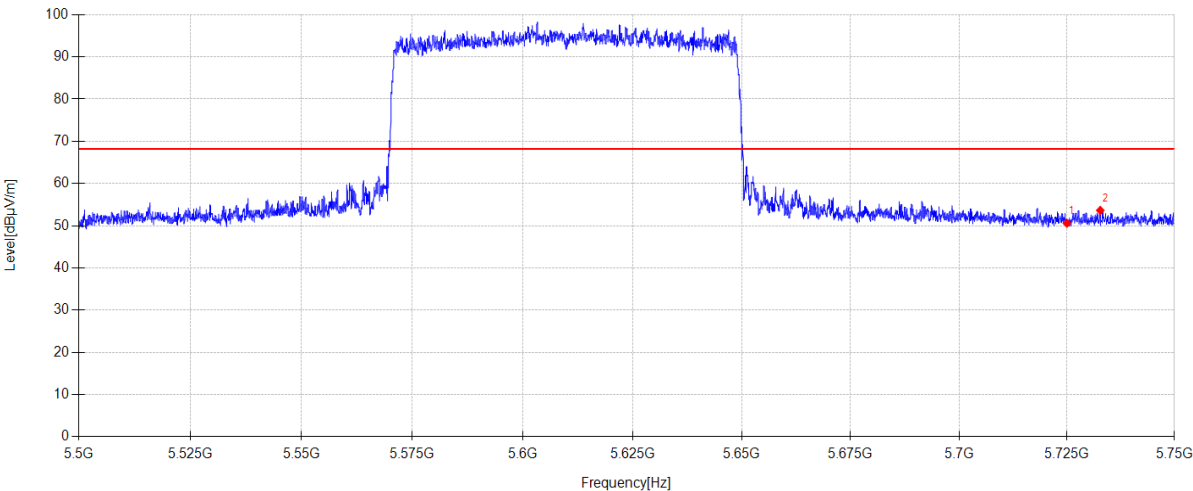
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	40.78	33.75	5.66	-29.60	50.59	68.20	17.61	PK	Horizontal
2	5732.750	43.77	33.80	5.66	-29.60	53.63	68.20	14.57	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5610 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

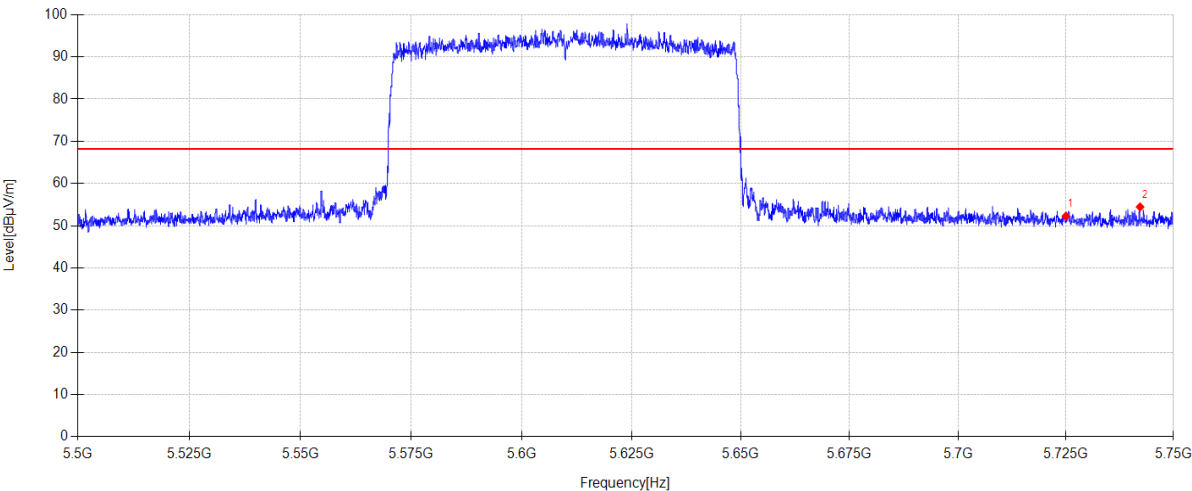
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.47	33.75	5.66	-29.60	52.28	68.20	15.92	PK	Vertical
2	5742.250	44.53	33.85	5.67	-29.60	54.45	68.20	13.75	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

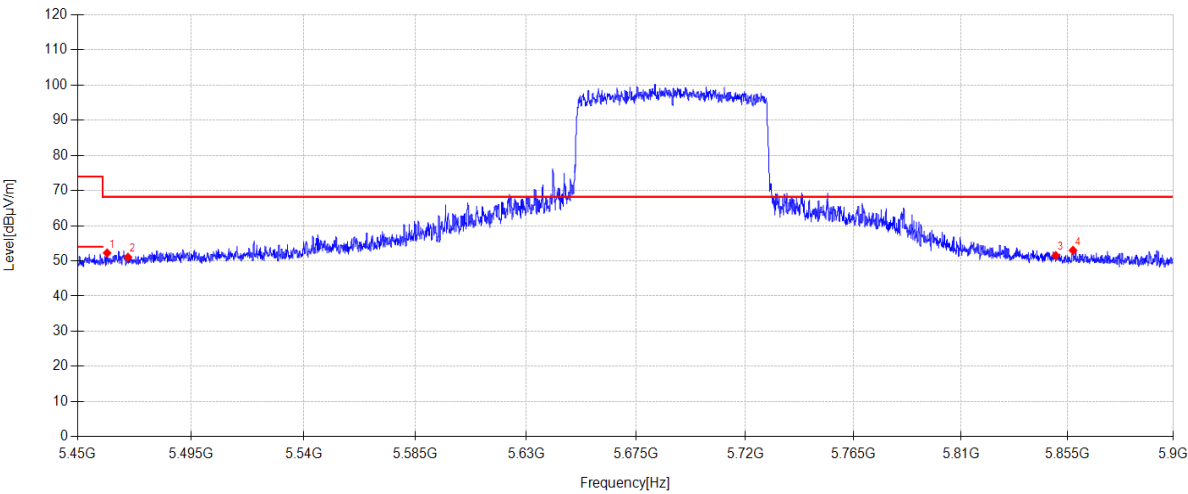
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5461.745	43.37	33.00	5.48	-29.60	52.25	68.20	15.95	PK	Horizontal
2	5470.000	42.15	33.00	5.49	-29.60	51.04	68.20	17.16	PK	Horizontal
3	5850.000	41.39	34.00	5.74	-29.60	51.53	68.20	16.67	PK	Horizontal
4	5857.295	42.85	34.01	5.75	-29.60	53.01	68.20	15.19	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX80 MIMO 5690 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

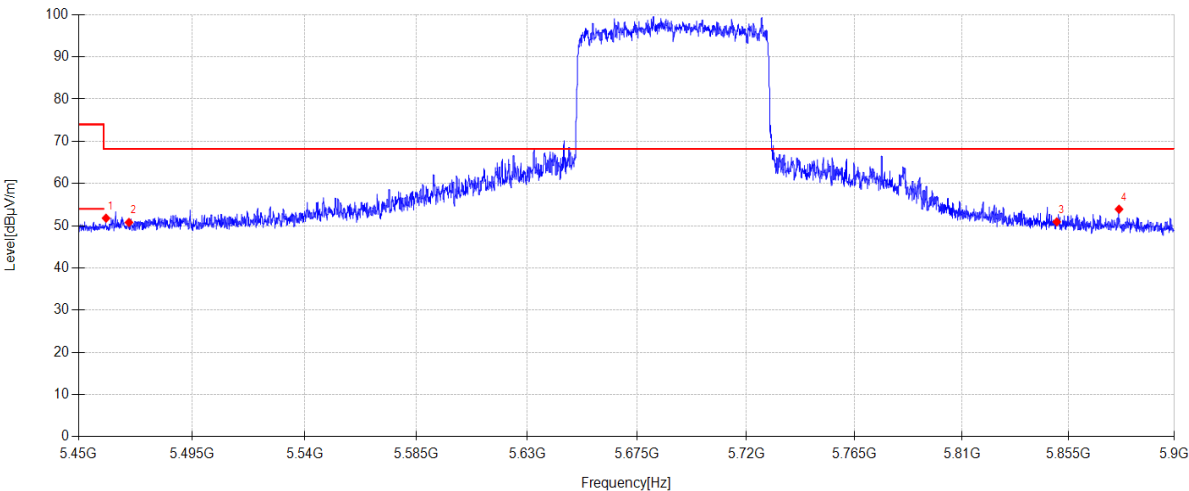
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5460.935	42.91	33.00	5.48	-29.60	51.79	68.20	16.41	PK	Vertical
2	5470.000	41.89	33.00	5.49	-29.60	50.78	68.20	17.42	PK	Vertical
3	5850.000	40.78	34.00	5.74	-29.60	50.92	68.20	17.28	PK	Vertical
4	5876.420	43.70	34.05	5.76	-29.60	53.91	68.20	14.29	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU0 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

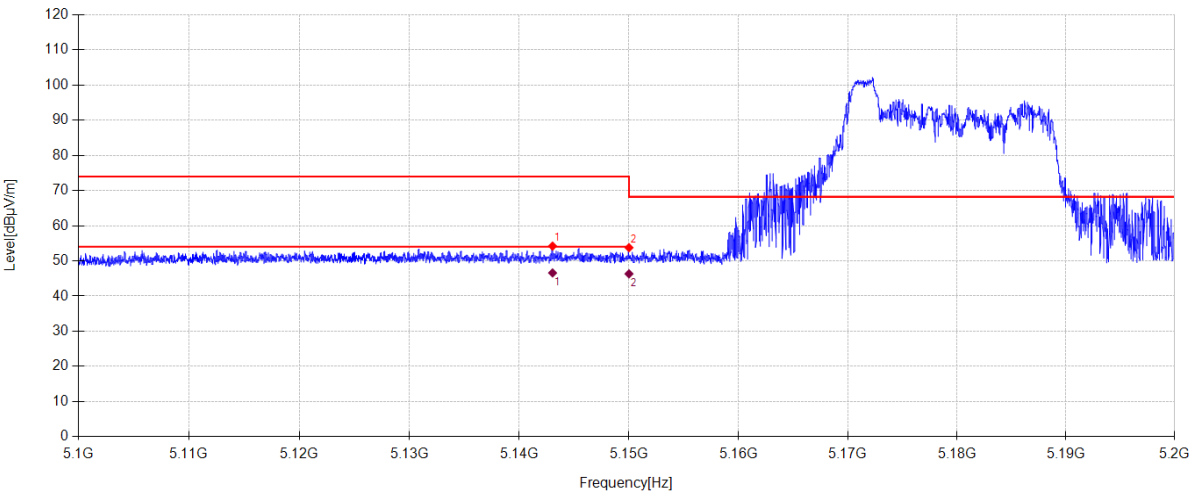
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5143.030	45.14	33.40	5.27	-29.60	54.21	74.00	19.79	PK	Horizontal
2	5150.000	44.69	33.40	5.28	-29.60	53.77	68.20	14.43	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	5143.030	37.51	33.40	5.27	46.58	54	7.42	AV	Horizontal	
2	5150.000	37.24	33.40	5.28	46.32	54	7.68	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU0 5180 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

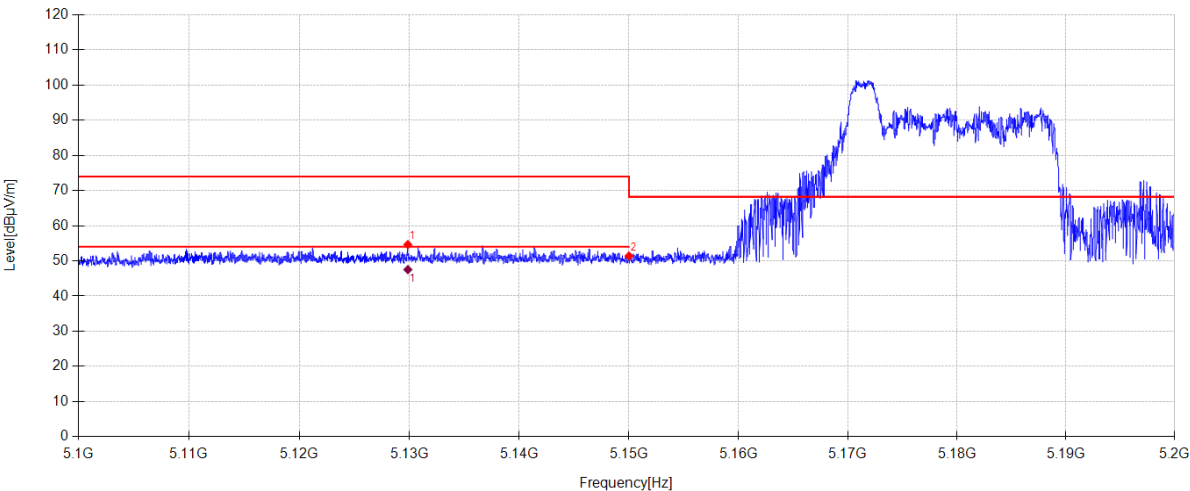
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5129.860	45.57	33.40	5.27	-29.60	54.64	74.00	19.36	PK	Vertical
2	5150.000	42.31	33.40	5.28	-29.60	51.39	68.20	16.81	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	5129.860	38.46	33.40	5.27	47.53	54	6.47	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU8 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

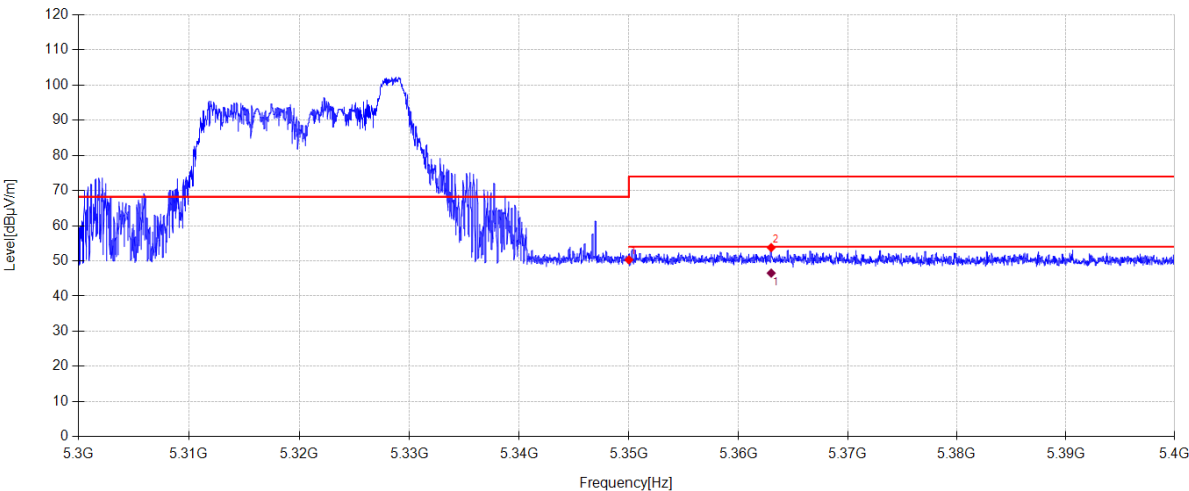
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	41.40	33.10	5.41	-29.60	50.31	68.20	17.89	PK	Horizontal
2	5363.000	44.87	33.10	5.42	-29.60	53.79	74.00	20.21	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	5363.000	37.61	33.10	5.42	46.53	54	7.47	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU8 5320 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

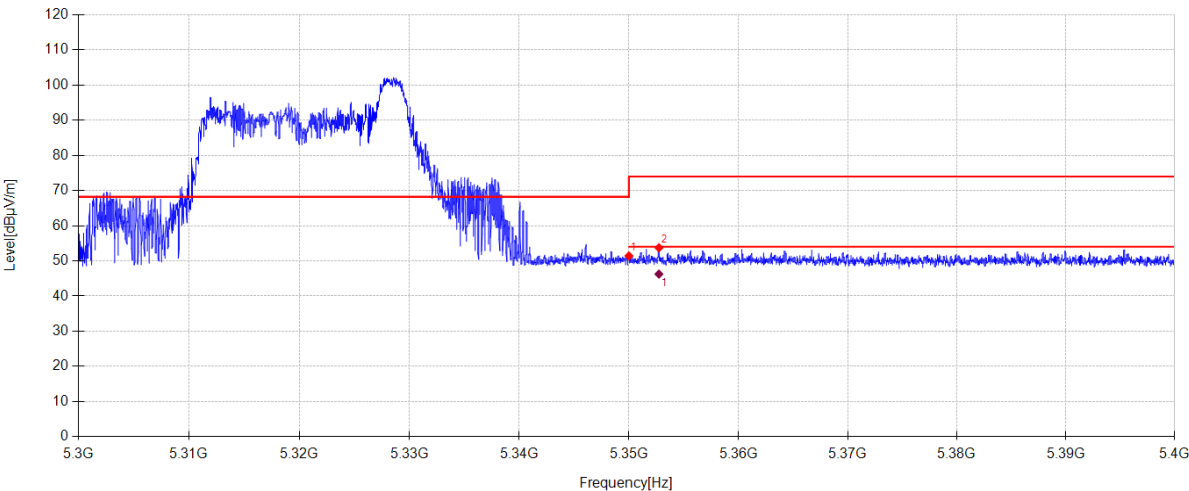
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.52	33.10	5.41	-29.60	51.43	68.20	16.77	PK	Vertical
2	5352.740	44.83	33.10	5.41	-29.60	53.74	74.00	20.26	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	5352.740	37.34	33.10	5.41	46.25	54	7.75	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU0 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

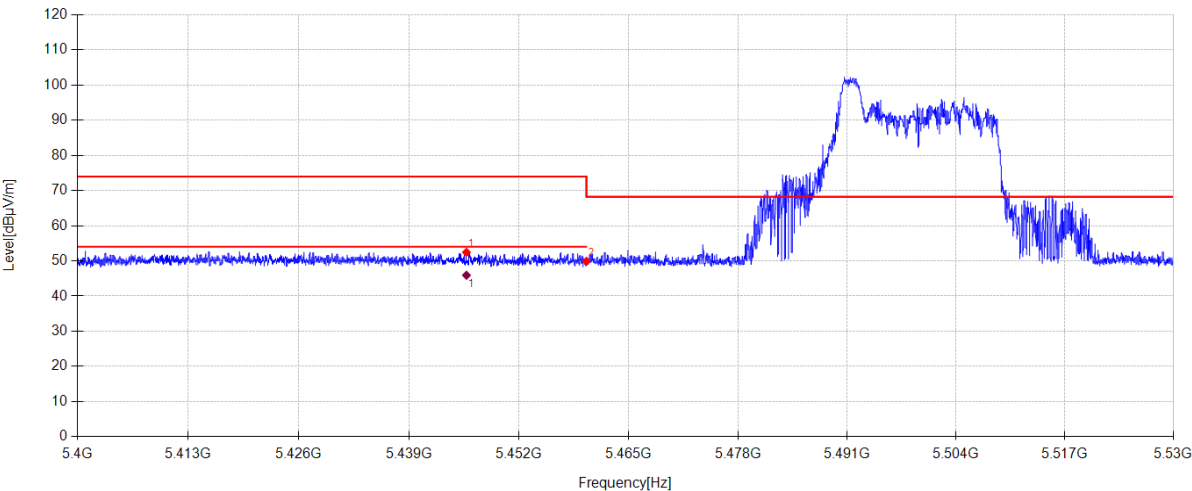
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5445.799	43.57	33.01	5.47	-29.60	52.45	74.00	21.55	PK	Horizontal
2	5460.000	41.01	33.00	5.48	-29.60	49.89	68.20	18.31	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	5445.799	37.04	33.01	5.47	45.92	54	8.08	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU0 5500 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

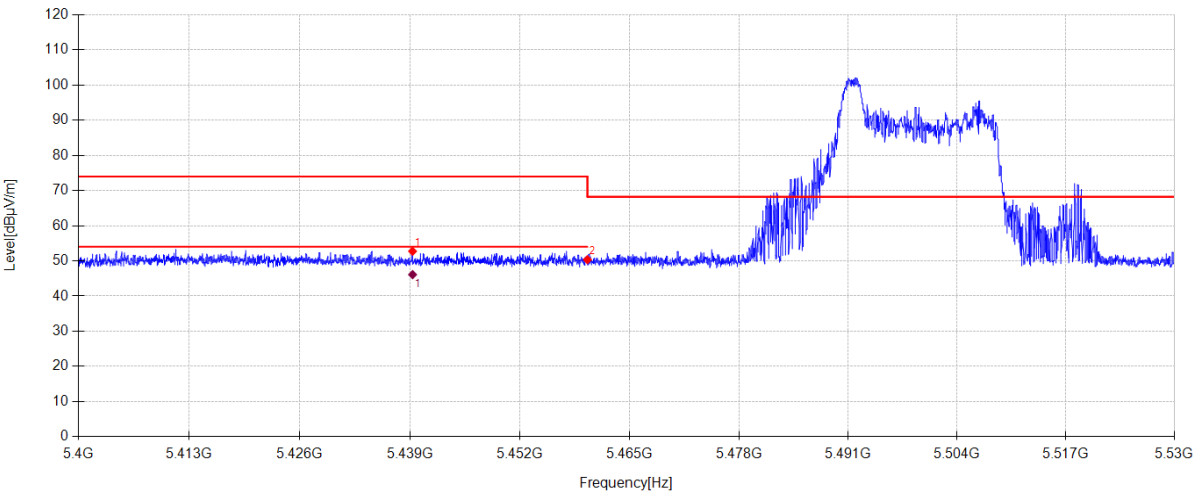
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.312	43.86	33.02	5.47	-29.60	52.75	74.00	21.25	PK	Vertical
2	5460.000	41.47	33.00	5.48	-29.60	50.35	68.20	17.85	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	5439.312	37.21	33.02	5.47	46.10	54	7.90	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU8 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

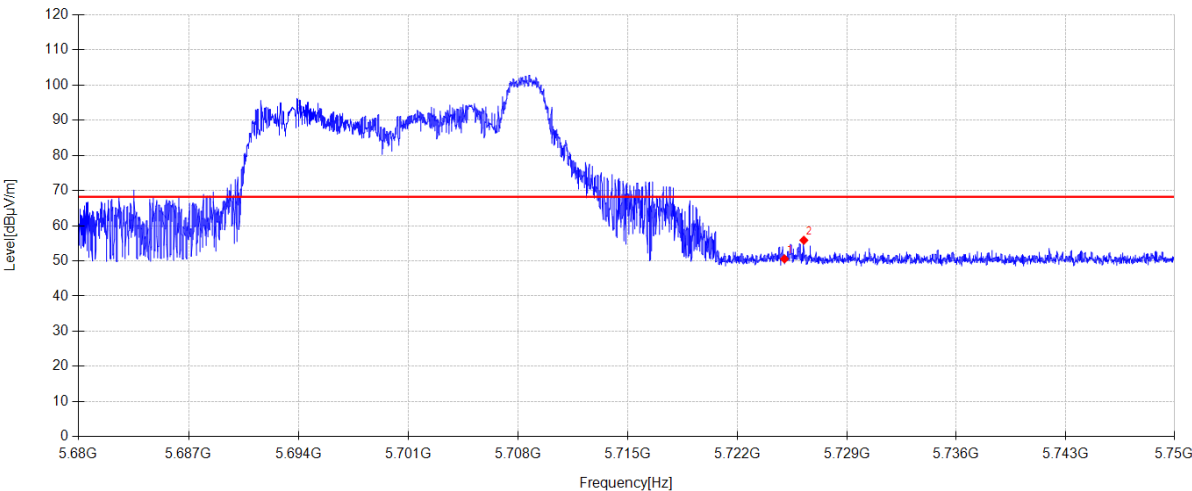
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	40.77	33.75	5.66	-29.60	50.58	68.20	17.62	PK	Horizontal
2	5726.242	46.06	33.76	5.66	-29.60	55.88	68.20	12.32	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

11AX20 RU8 5700 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

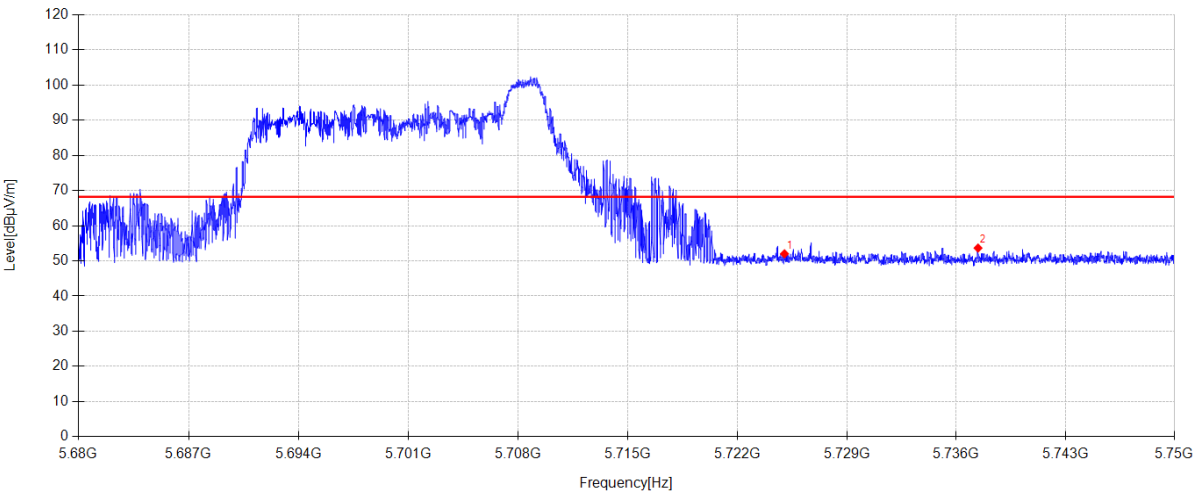
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	42.21	33.75	5.66	-29.60	52.02	68.20	16.18	PK	Vertical
2	5737.400	43.77	33.82	5.67	-29.60	53.66	68.20	14.54	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT1 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

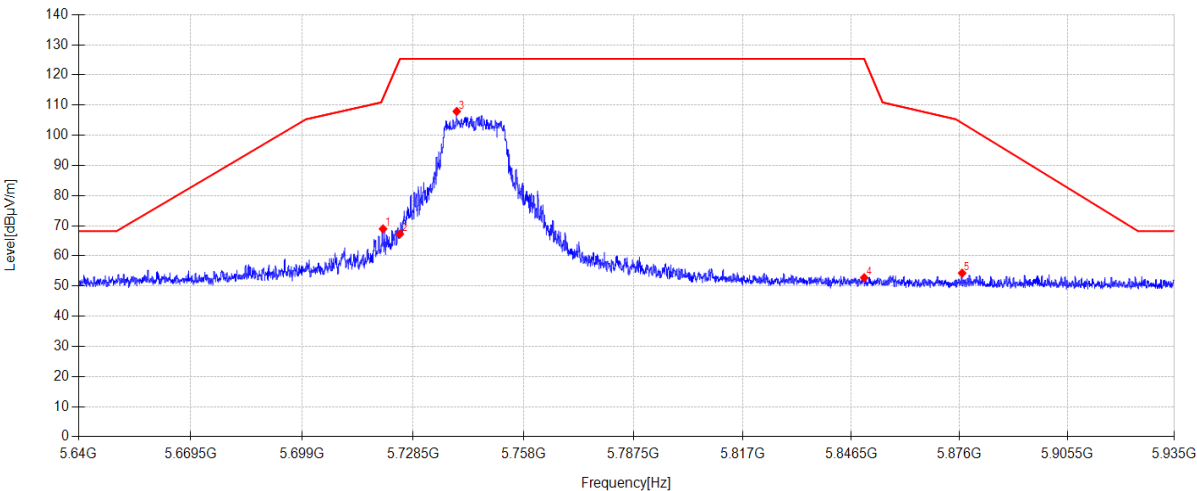
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d:\ts\2024 report data\Q24081428-1E\FCC RE Above 1G 5G MASK1

Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	58.96	33.72	5.87	-29.60	68.95	112.36	43.41	PK	Horizontal
2	5725.000	57.24	33.75	5.87	-29.60	67.26	125.30	58.04	PK	Horizontal
3	5740.153	97.79	33.84	5.88	-29.60	107.91	125.30	17.39	PK	Horizontal
4	5850.000	42.42	34.00	5.94	-29.60	52.76	125.27	72.51	PK	Horizontal
5	5876.708	43.87	34.05	5.95	-29.60	54.27	104.03	49.76	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT1 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

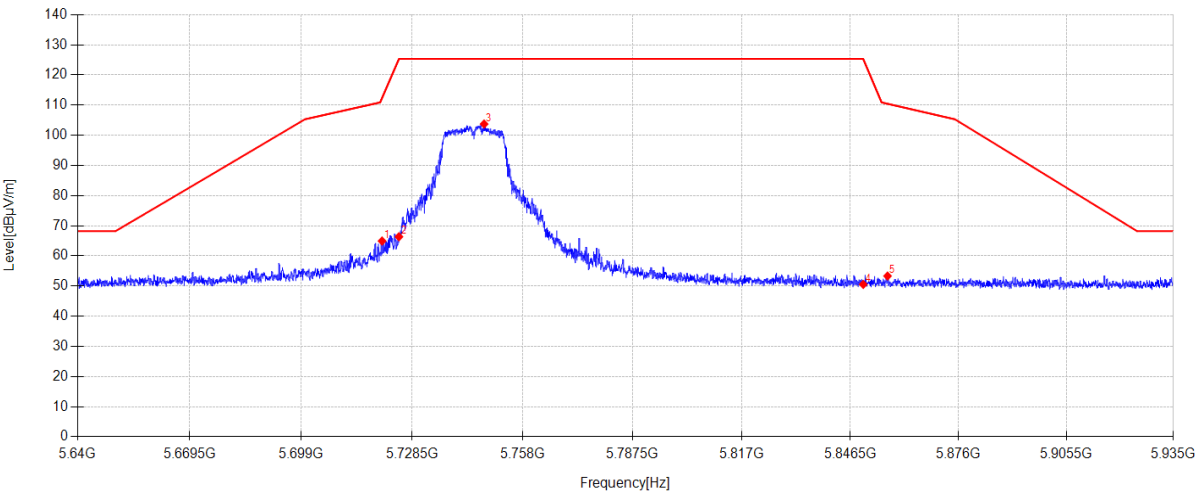
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	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	54.94	33.72	5.87	-29.60	64.93	112.36	47.43	PK	Vertical
2	5725.000	56.33	33.75	5.87	-29.60	66.35	125.30	58.95	PK	Vertical
3	5747.734	93.56	33.89	5.88	-29.60	103.73	125.30	21.57	PK	Vertical
4	5850.000	40.20	34.00	5.94	-29.60	50.54	125.27	74.73	PK	Vertical
5	5856.619	42.97	34.01	5.94	-29.60	53.32	110.45	57.13	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT2 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

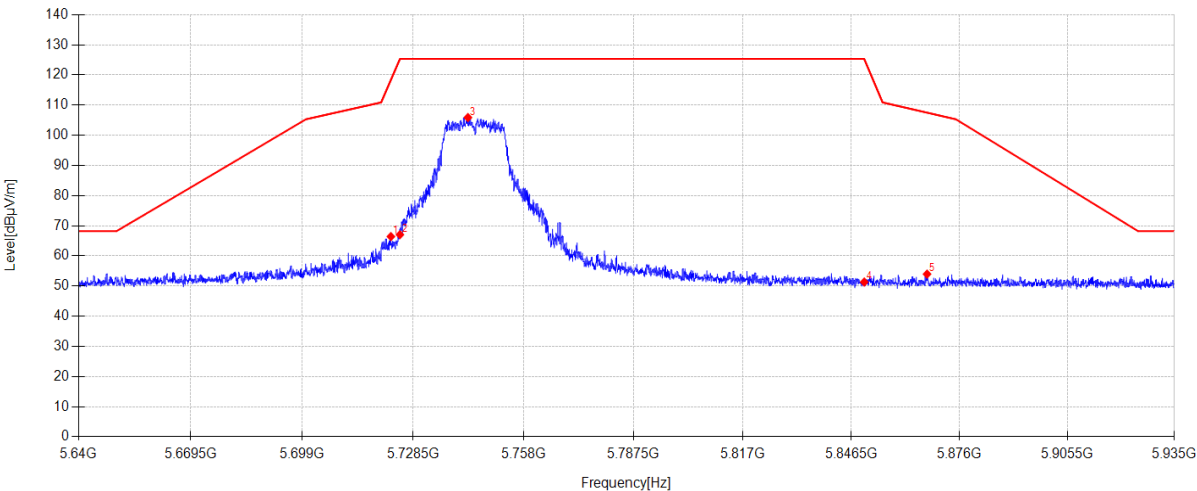
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.600	56.40	33.74	5.87	-29.60	66.41	118.39	51.98	PK	Horizontal
2	5725.000	57.02	33.75	5.87	-29.60	67.04	125.30	58.26	PK	Horizontal
3	5743.132	95.74	33.86	5.88	-29.60	105.88	125.30	19.42	PK	Horizontal
4	5850.000	40.99	34.00	5.94	-29.60	51.33	125.27	73.94	PK	Horizontal
5	5867.121	43.59	34.03	5.94	-29.60	53.96	107.51	53.55	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT2 11A 5745 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

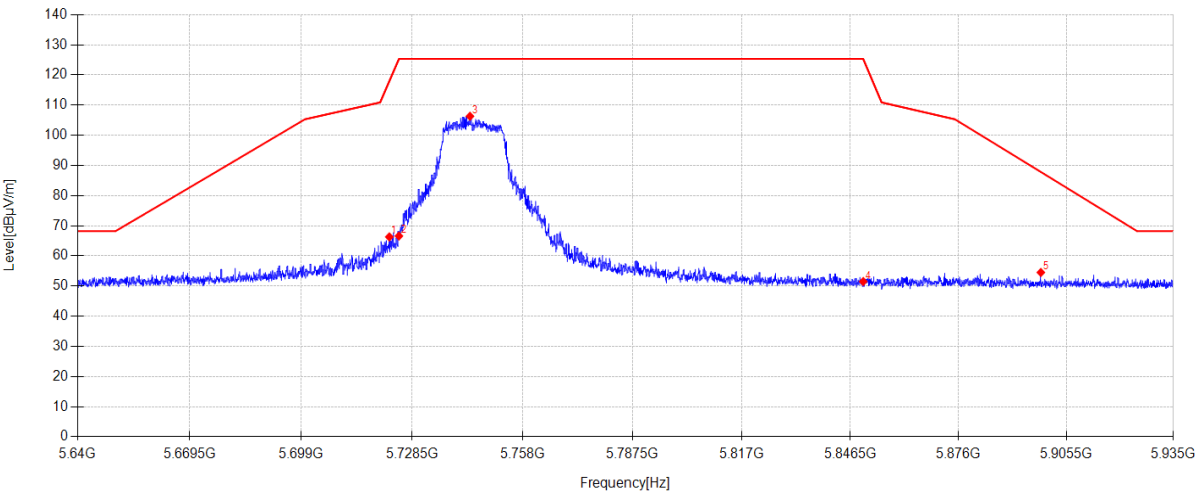
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5722.453	56.29	33.73	5.87	-29.60	66.29	117.96	51.67	PK	Vertical
2	5725.000	56.56	33.75	5.87	-29.60	66.58	125.30	58.72	PK	Vertical
3	5743.958	96.18	33.86	5.88	-29.60	106.32	125.30	18.98	PK	Vertical
4	5850.000	41.14	34.00	5.94	-29.60	51.48	125.27	73.79	PK	Vertical
5	5898.538	44.04	34.10	5.96	-29.60	54.50	87.83	33.33	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT1 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

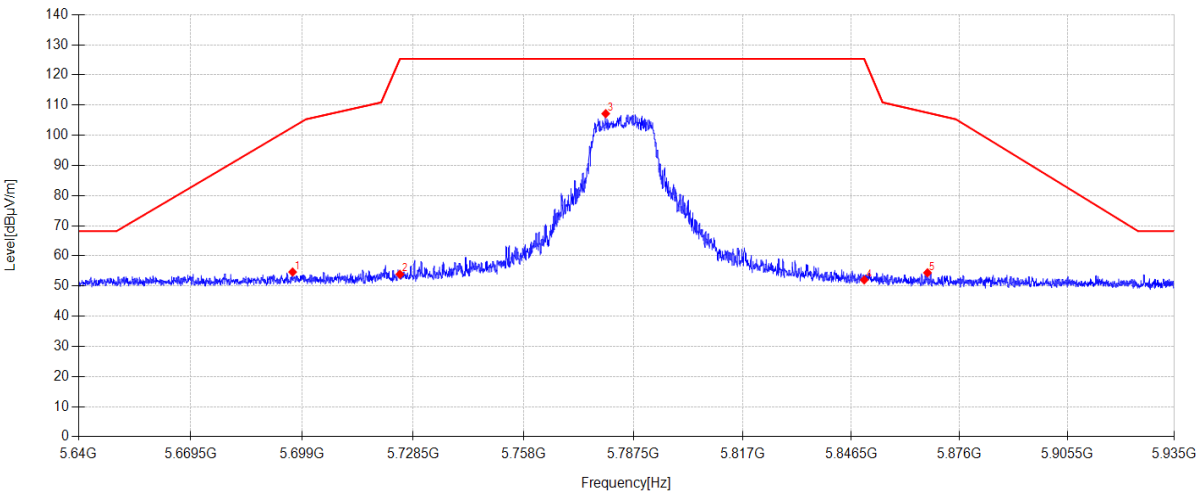
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5696.493	44.80	33.59	5.86	-29.60	54.65	102.70	48.05	PK	Horizontal
2	5725.000	43.88	33.75	5.87	-29.60	53.90	125.30	71.40	PK	Horizontal
3	5780.066	96.79	34.08	5.90	-29.60	107.17	125.30	18.13	PK	Horizontal
4	5850.000	41.70	34.00	5.94	-29.60	52.04	125.27	73.23	PK	Horizontal
5	5867.239	44.02	34.03	5.94	-29.60	54.39	107.47	53.08	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT1 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

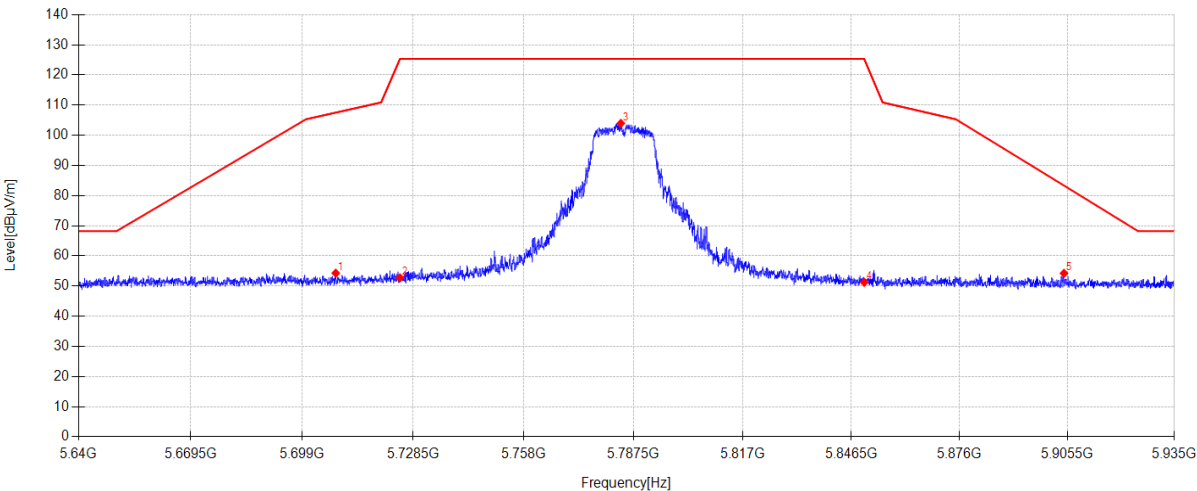
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5707.939	44.37	33.65	5.86	-29.60	54.28	107.52	53.24	PK	Vertical
2	5725.000	42.72	33.75	5.87	-29.60	52.74	125.30	72.56	PK	Vertical
3	5784.137	93.55	34.10	5.90	-29.60	103.95	125.30	21.35	PK	Vertical
4	5850.000	40.88	34.00	5.94	-29.60	51.22	125.27	74.05	PK	Vertical
5	5904.615	43.74	34.11	5.96	-29.60	54.21	83.33	29.12	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT2 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

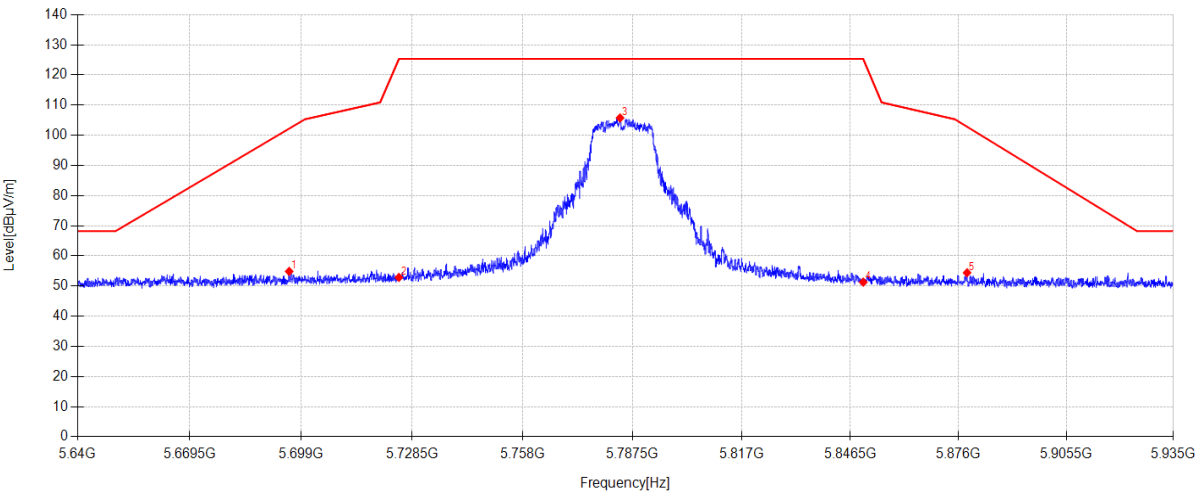
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5695.844	45.01	33.58	5.86	-29.60	54.85	102.22	47.37	PK	Horizontal
2	5725.000	42.85	33.75	5.87	-29.60	52.87	125.30	72.43	PK	Horizontal
3	5784.196	95.35	34.11	5.90	-29.60	105.76	125.30	19.54	PK	Horizontal
4	5850.000	40.95	34.00	5.94	-29.60	51.29	125.27	73.98	PK	Horizontal
5	5878.331	44.00	34.06	5.95	-29.60	54.41	102.83	48.42	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT2 11A 5785 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

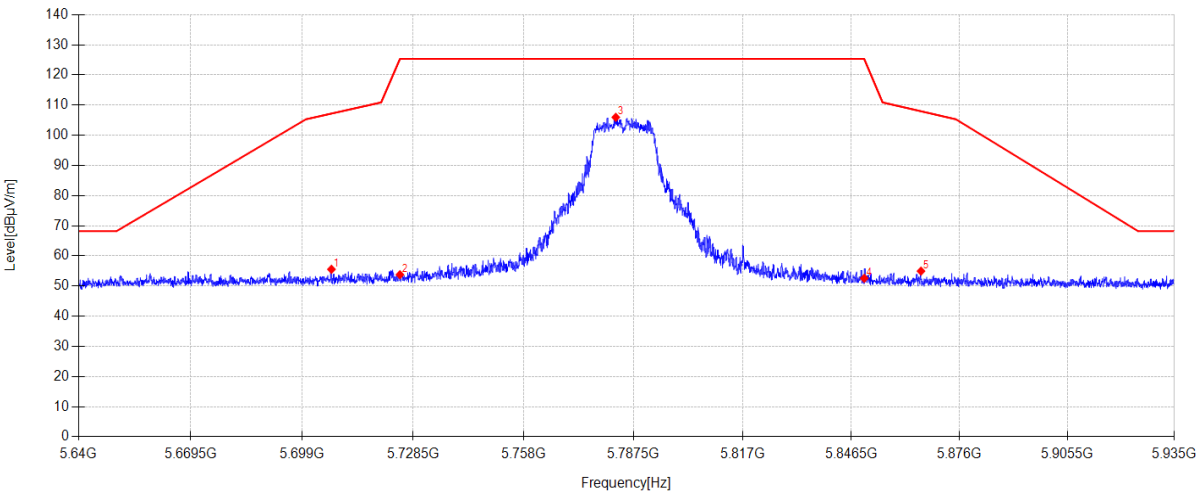
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5706.788	45.64	33.64	5.86	-29.60	55.54	107.20	51.66	PK	Vertical
2	5725.000	43.74	33.75	5.87	-29.60	53.76	125.30	71.54	PK	Vertical
3	5782.780	95.57	34.10	5.90	-29.60	105.97	125.30	19.33	PK	Vertical
4	5850.000	42.21	34.00	5.94	-29.60	52.55	125.27	72.72	PK	Vertical
5	5865.469	44.58	34.03	5.94	-29.60	54.95	107.97	53.02	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT1 11A 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

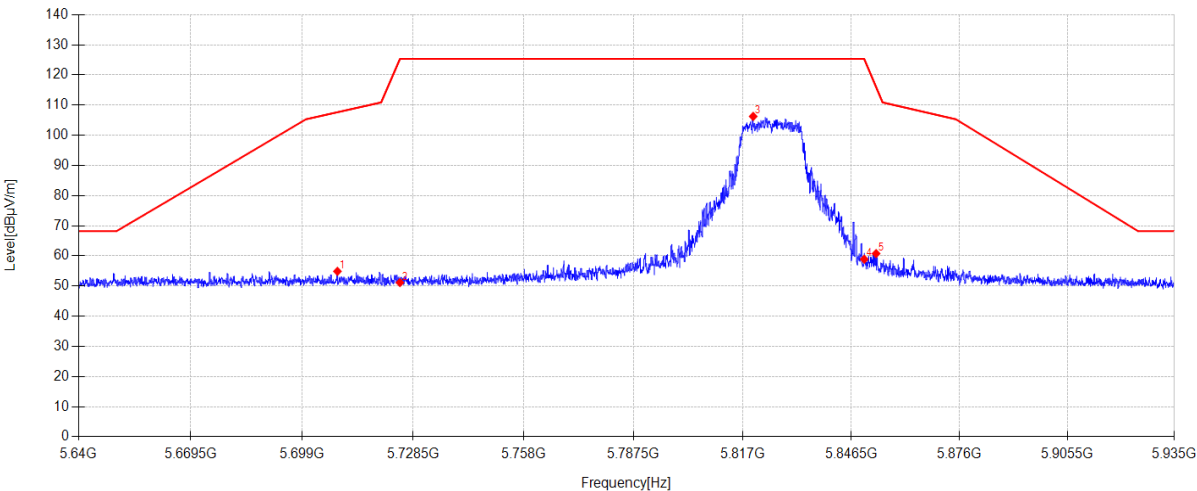
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5708.381	44.96	33.65	5.86	-29.60	54.87	107.65	52.78	PK	Horizontal
2	5725.000	41.13	33.75	5.87	-29.60	51.15	125.30	74.15	PK	Horizontal
3	5819.862	95.81	34.12	5.92	-29.60	106.25	125.30	19.05	PK	Horizontal
4	5850.000	48.56	34.00	5.94	-29.60	58.90	125.27	66.37	PK	Horizontal
5	5853.226	50.41	34.01	5.94	-29.60	60.76	116.01	55.25	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT1 11A 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

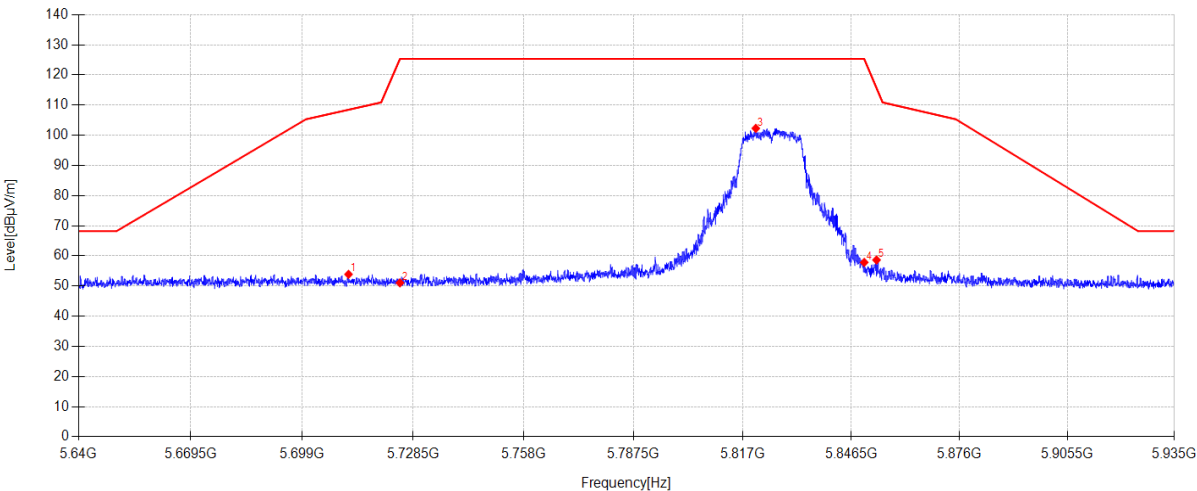
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5711.331	43.94	33.67	5.87	-29.60	53.88	108.47	54.59	PK	Vertical
2	5725.000	41.04	33.75	5.87	-29.60	51.06	125.30	74.24	PK	Vertical
3	5820.570	91.85	34.12	5.92	-29.60	102.29	125.30	23.01	PK	Vertical
4	5850.000	47.50	34.00	5.94	-29.60	57.84	125.27	67.43	PK	Vertical
5	5853.344	48.29	34.01	5.94	-29.60	58.64	115.67	57.03	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:

2024-09-15

Tested By:

Guoyuan Lin

EUT:

Wireless Multi-Channel Soundbar

Model Number:

ENCHANT 900

Test Mode:

ANT2 11A 5825 MHz Mode

Power Supply:

AC 120V/60Hz

Condition:

Temp:23.5°C;Humi:65.2%

Test Site:

DDT 3# Chamber

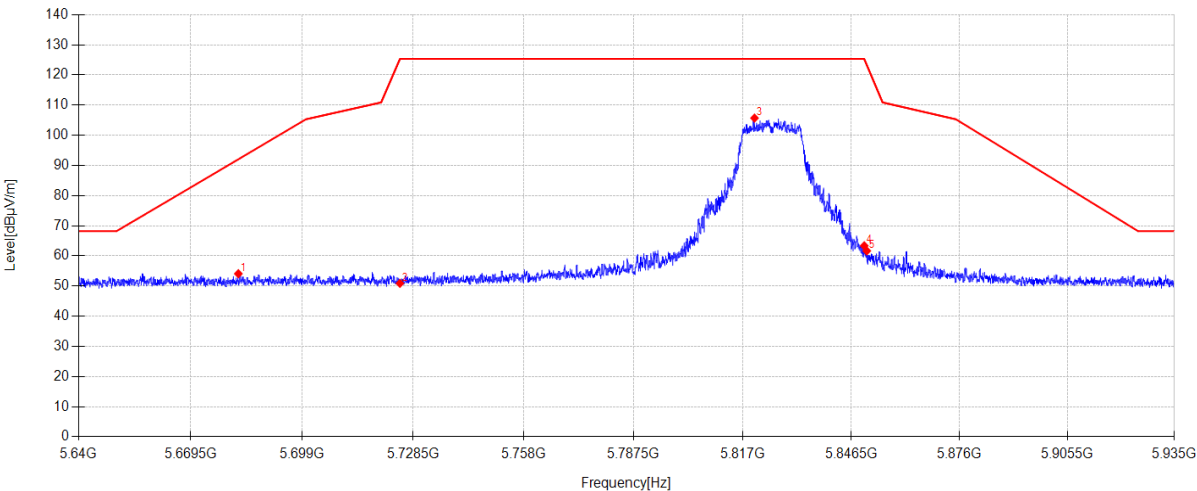
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Memo:

Sample Number: S24081428-002

Test Graph



Data List										
N O.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5682.126	44.30	33.53	5.85	-29.60	54.08	92.04	37.96	PK	Horizontal
2	5725.000	40.86	33.75	5.87	-29.60	50.88	125.30	74.42	PK	Horizontal
3	5820.216	95.26	34.12	5.92	-29.60	105.70	125.30	19.60	PK	Horizontal
4	5850.000	53.00	34.00	5.94	-29.60	63.34	125.27	61.93	PK	Horizontal
5	5850.689	51.30	34.00	5.94	-29.60	61.64	123.32	61.68	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.