

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

ANT-1+2 A20 5745MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

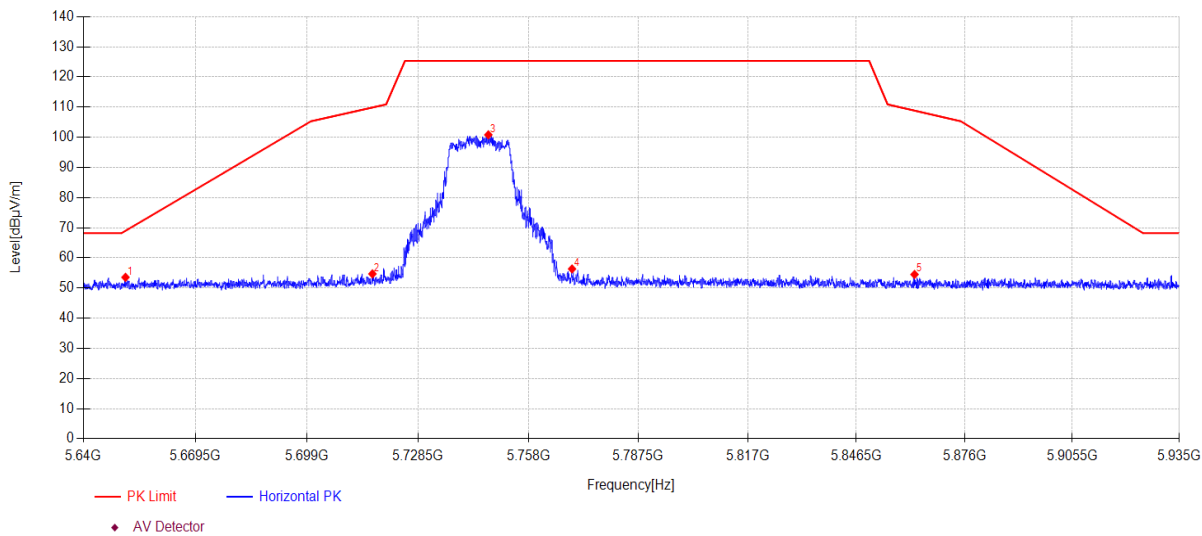
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5651.063	44.31	33.40	5.84	-30.00	53.55	68.99	15.44	PK	Horizontal
2	5716.346	45.11	33.70	5.87	-29.99	54.69	109.88	55.19	PK	Horizontal
3	5747.262	91.03	33.88	5.88	-29.98	100.81	125.30	24.49	PK	Horizontal
4	5769.682	46.41	34.02	5.89	-29.98	56.34	125.30	68.96	PK	Horizontal
5	5862.342	44.51	34.02	5.94	-29.97	54.50	108.84	54.34	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

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EUT:

WIFI+BT Module

Model Number:

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ANT-1+2 A20 5745MHz

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Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

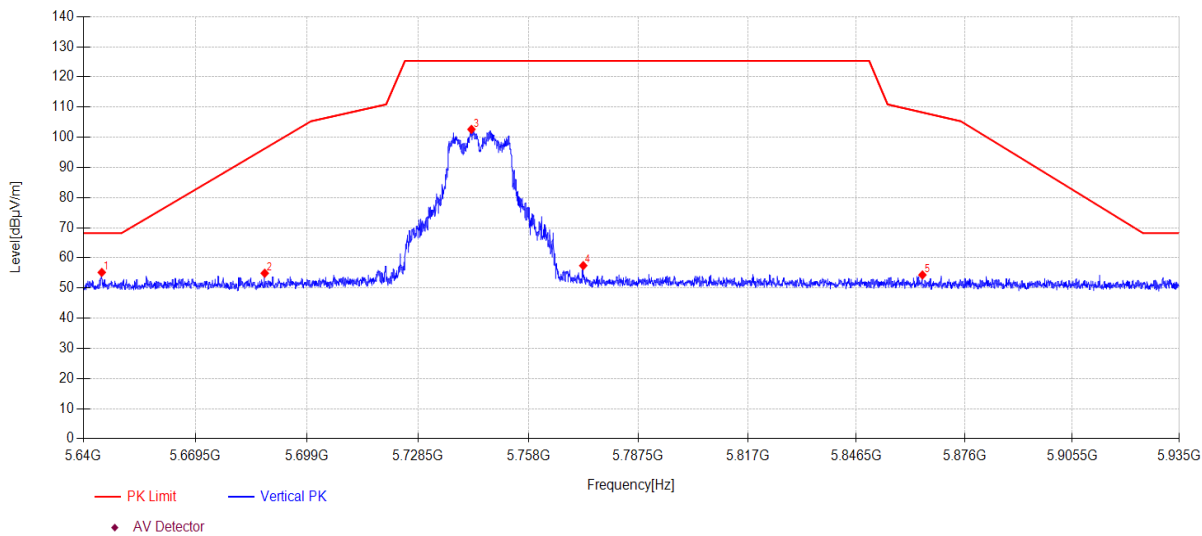
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5644.838	45.96	33.39	5.83	-30.00	55.18	68.20	13.02	PK	Vertical
2	5687.790	45.50	33.55	5.85	-29.99	54.91	96.24	41.33	PK	Vertical
3	5742.749	92.87	33.86	5.88	-29.98	102.63	125.30	22.67	PK	Vertical
4	5772.691	47.47	34.04	5.90	-29.98	57.43	125.30	67.87	PK	Vertical
5	5864.495	44.34	34.03	5.94	-29.97	54.34	108.24	53.90	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

ANT-1+2 A20 5825MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

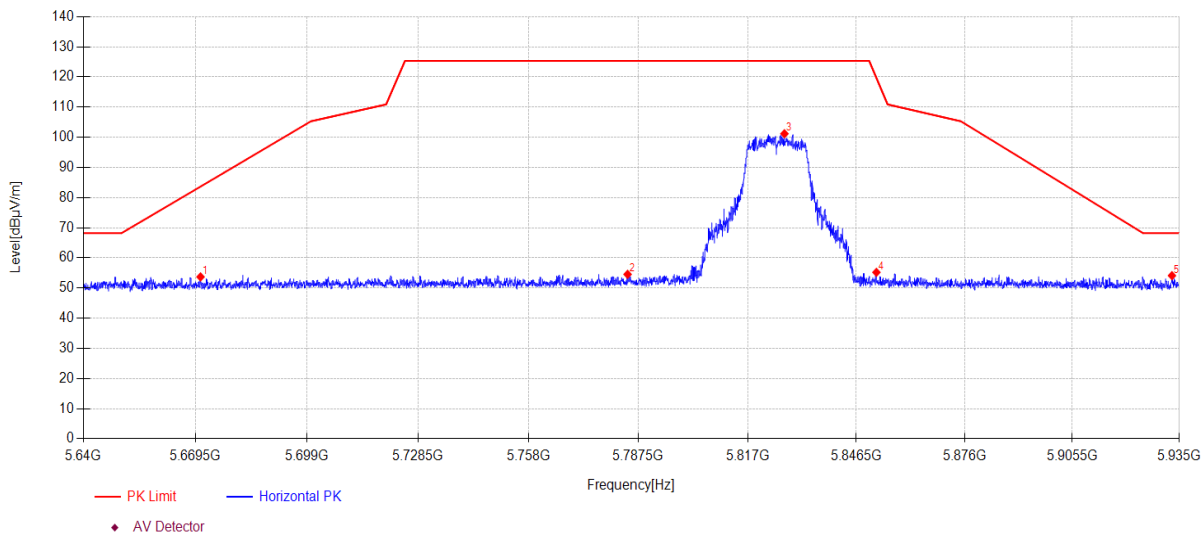
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5670.828	44.35	33.48	5.85	-29.99	53.69	83.65	29.96	PK	Horizontal
2	5784.609	44.52	34.11	5.90	-29.98	54.55	125.30	70.75	PK	Horizontal
3	5826.971	91.14	34.09	5.92	-29.97	101.18	125.30	24.12	PK	Horizontal
4	5851.958	45.24	34.00	5.94	-29.97	55.21	119.66	64.45	PK	Horizontal
5	5932.965	43.92	34.17	5.98	-29.96	54.11	68.20	14.09	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

ANT-1+2 A20 5825MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

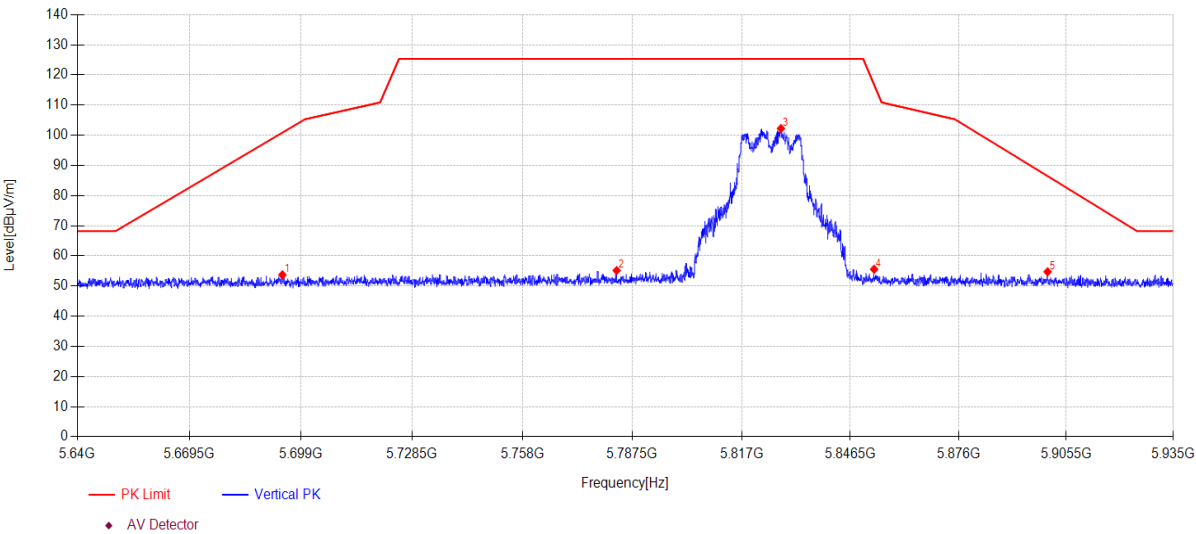
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5694.044	44.26	33.58	5.86	-29.99	53.71	100.88	47.17	PK	Vertical
2	5783.282	45.14	34.10	5.90	-29.98	55.16	125.30	70.14	PK	Vertical
3	5827.650	92.20	34.09	5.92	-29.97	102.24	125.30	23.06	PK	Vertical
4	5852.961	45.58	34.01	5.94	-29.97	55.56	116.77	61.21	PK	Vertical
5	5900.397	44.62	34.10	5.96	-29.96	54.72	86.46	31.74	PK	Vertical

Note:

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

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

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

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Model Number:

WXT2HM2001

Test Mode:

AC20 5825MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

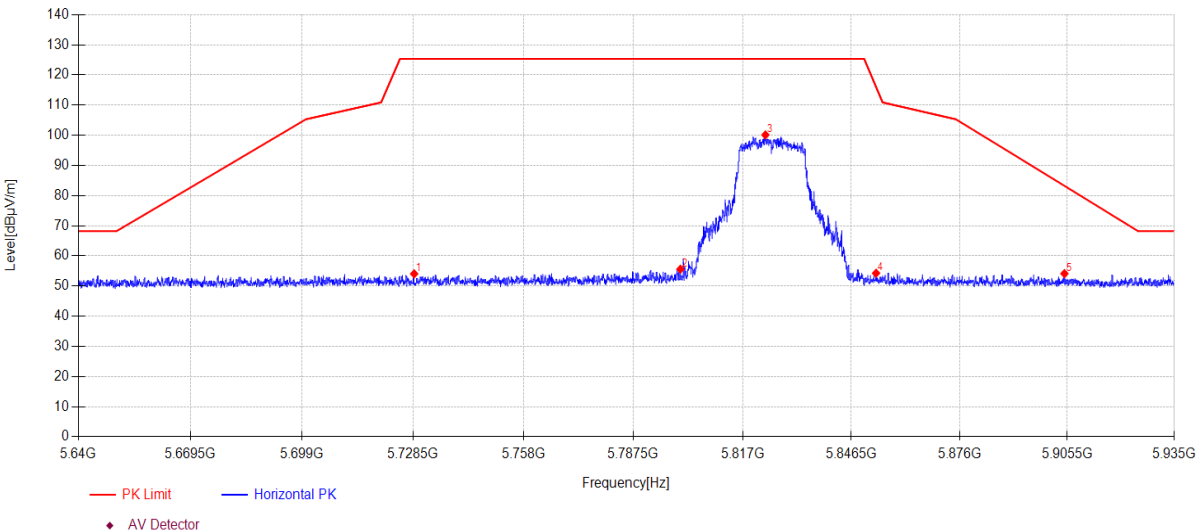
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5728.795	44.39	33.77	5.87	-29.99	54.04	125.30	71.26	PK	Horizontal
2	5800.185	45.46	34.20	5.91	-29.98	55.59	125.30	69.71	PK	Horizontal
3	5823.166	90.05	34.11	5.92	-29.97	100.11	125.30	25.19	PK	Horizontal
4	5853.226	44.27	34.01	5.94	-29.97	54.25	116.01	61.76	PK	Horizontal
5	5904.733	44.00	34.11	5.96	-29.96	54.11	83.24	29.13	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.

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AC20 5825MHz

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Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

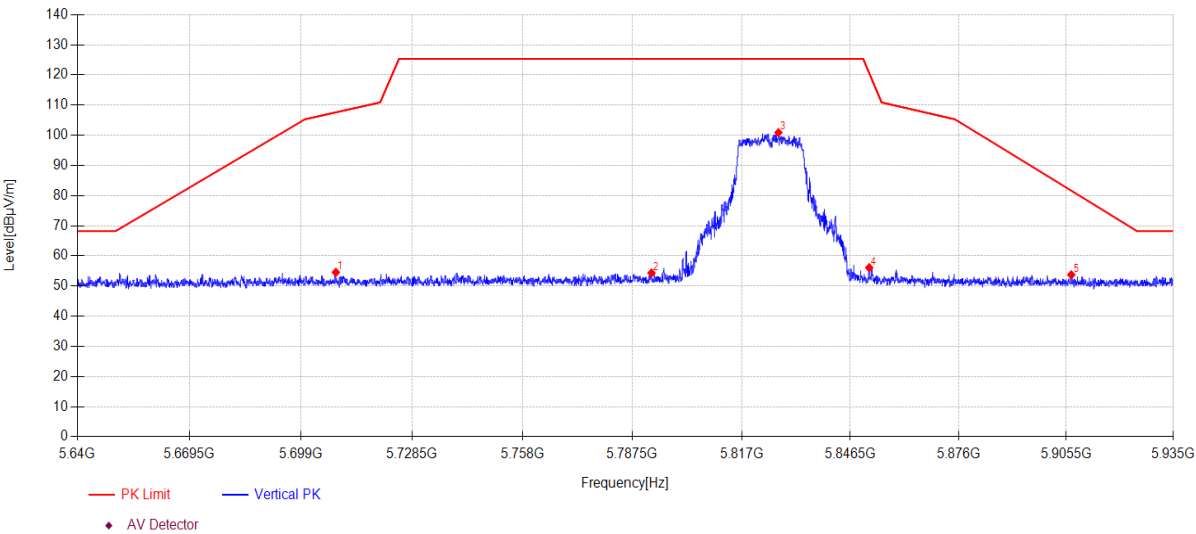
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5708.234	45.04	33.65	5.86	-29.99	54.56	107.61	53.05	PK	Vertical
2	5792.663	44.24	34.16	5.91	-29.98	54.33	125.30	70.97	PK	Vertical
3	5826.971	90.85	34.09	5.92	-29.97	100.89	125.30	24.41	PK	Vertical
4	5851.633	46.13	34.00	5.94	-29.97	56.10	120.60	64.50	PK	Vertical
5	5906.916	43.62	34.11	5.96	-29.96	53.73	81.62	27.89	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.

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Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AC20 5745MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

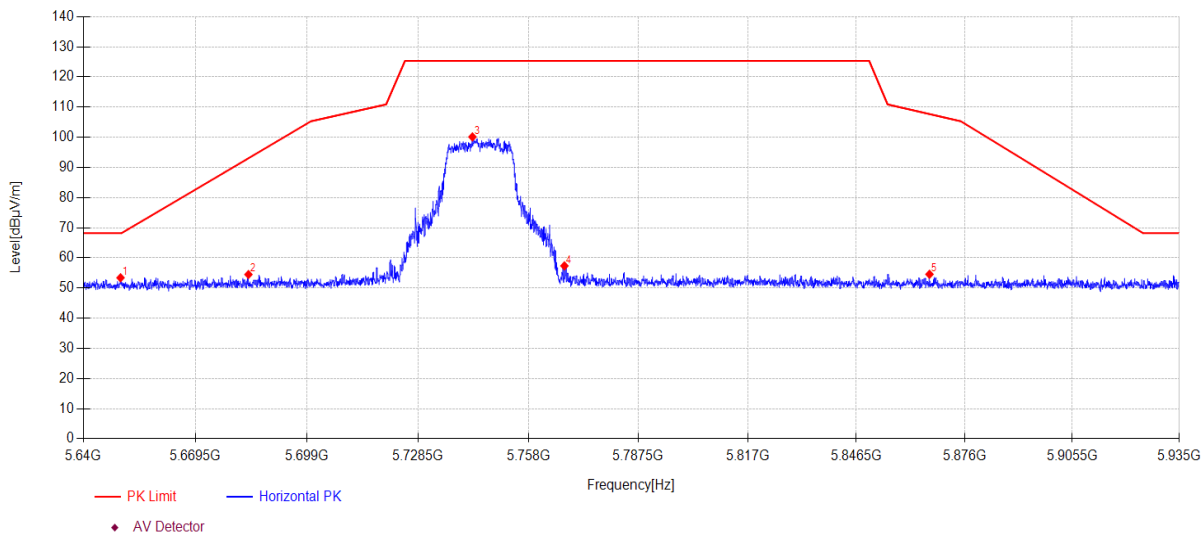
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5649.765	44.18	33.40	5.83	-30.00	53.41	68.20	14.79	PK	Horizontal
2	5683.483	45.09	33.53	5.85	-29.99	54.48	93.04	38.56	PK	Horizontal
3	5743.014	90.36	33.86	5.88	-29.98	100.12	125.30	25.18	PK	Horizontal
4	5767.647	47.43	34.01	5.89	-29.98	57.35	125.30	67.95	PK	Horizontal
5	5866.413	44.56	34.03	5.94	-29.97	54.56	107.70	53.14	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

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2024-07-07

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Model Number:

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AC20 5745MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

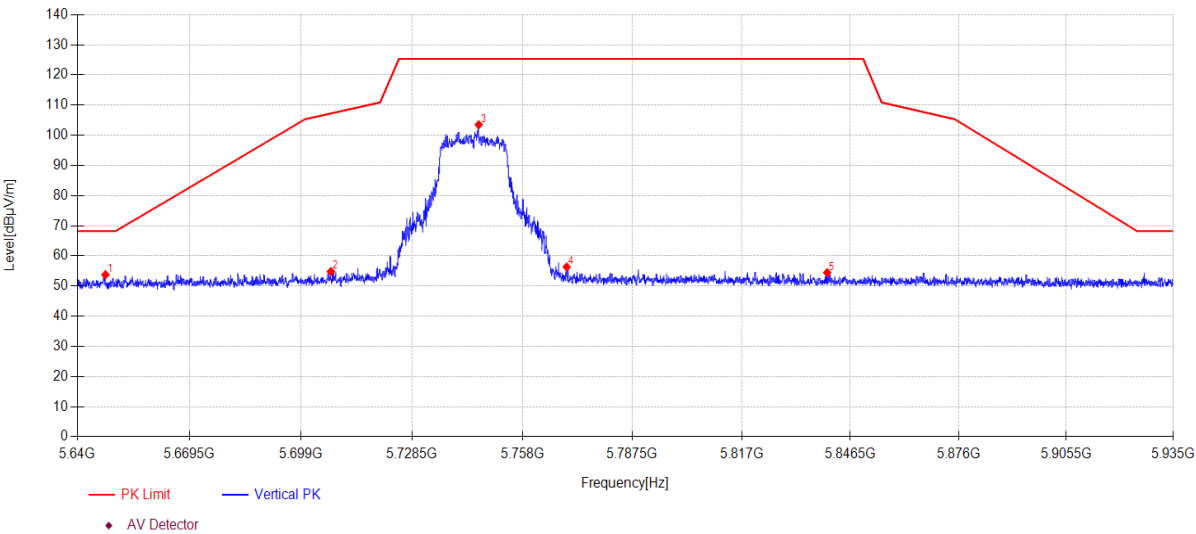
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5647.375	44.52	33.39	5.83	-30.00	53.74	68.20	14.46	PK	Vertical
2	5706.906	45.29	33.64	5.86	-29.99	54.80	107.23	52.43	PK	Vertical
3	5746.289	93.73	33.88	5.88	-29.98	103.51	125.30	21.79	PK	Vertical
4	5769.859	46.39	34.02	5.89	-29.98	56.32	125.30	68.98	PK	Vertical
5	5840.187	44.43	34.04	5.93	-29.97	54.43	125.30	70.87	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:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AC40 5755MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

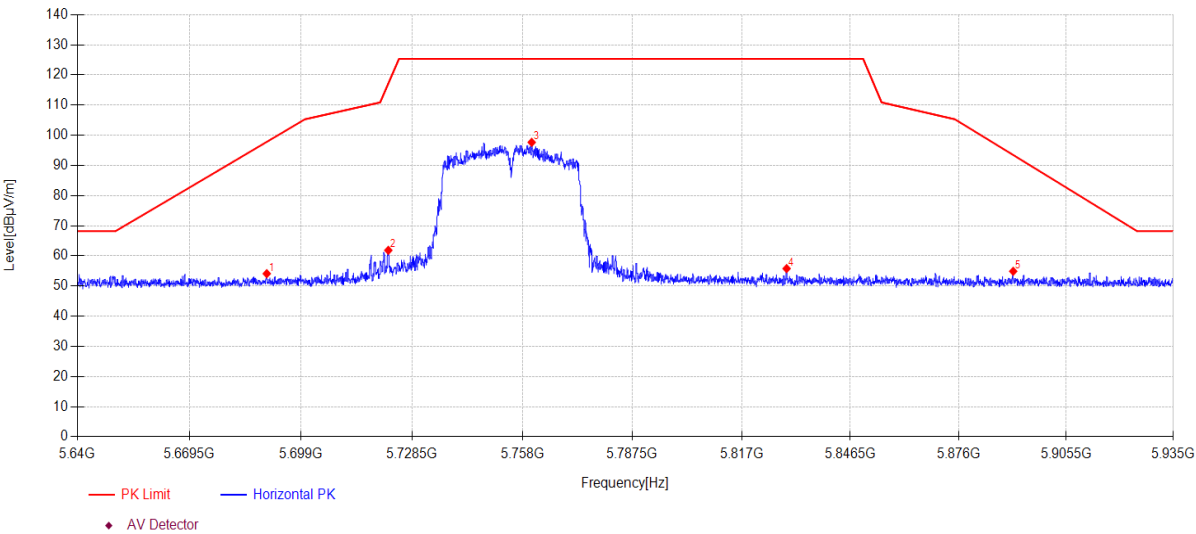
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5689.914	44.68	33.56	5.85	-29.99	54.10	97.82	43.72	PK	Horizontal
2	5722.187	52.23	33.73	5.87	-29.99	61.84	117.20	55.36	PK	Horizontal
3	5760.478	87.78	33.96	5.89	-29.98	97.65	125.30	27.65	PK	Horizontal
4	5829.184	45.76	34.08	5.92	-29.97	55.79	125.30	69.51	PK	Horizontal
5	5890.957	44.82	34.08	5.96	-29.96	54.90	93.46	38.56	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AC40 5755MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

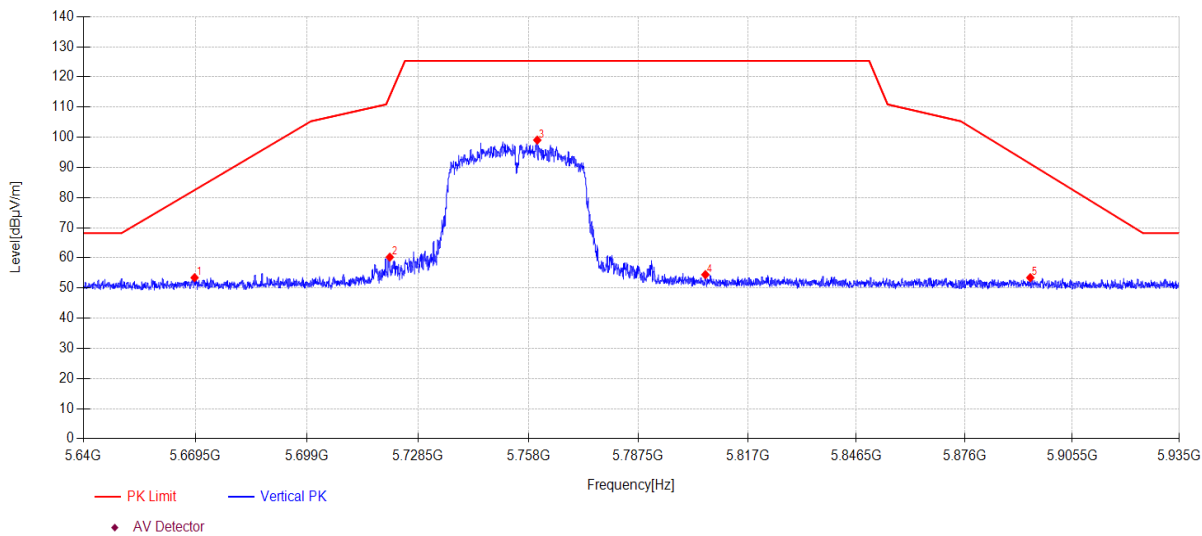
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5669.264	44.10	33.48	5.84	-29.99	53.43	82.49	29.06	PK	Vertical
2	5720.978	50.63	33.73	5.87	-29.99	60.24	113.72	53.48	PK	Vertical
3	5760.360	89.19	33.96	5.89	-29.98	99.06	125.30	26.24	PK	Vertical
4	5805.584	44.33	34.18	5.91	-29.98	54.44	125.30	70.86	PK	Vertical
5	5893.995	43.34	34.09	5.96	-29.96	53.43	91.21	37.78	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AC40 5795MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

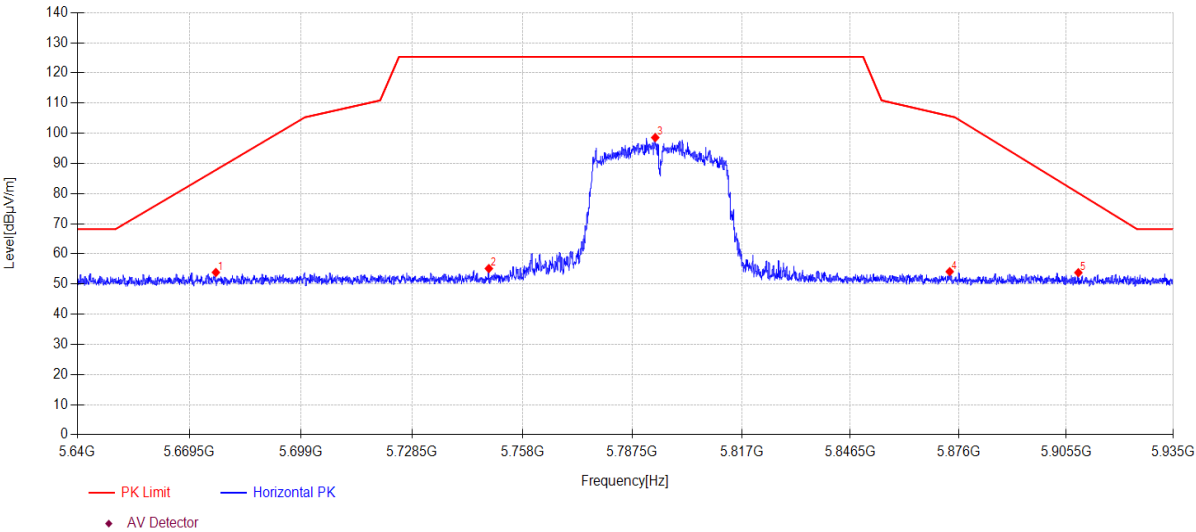
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5676.462	44.48	33.51	5.85	-29.99	53.85	87.83	33.98	PK	Horizontal
2	5749.003	45.34	33.89	5.88	-29.98	55.13	125.30	70.17	PK	Horizontal
3	5793.666	88.48	34.16	5.91	-29.98	98.57	125.30	26.73	PK	Horizontal
4	5873.581	44.08	34.05	5.95	-29.97	54.11	105.70	51.59	PK	Horizontal
5	5908.834	43.66	34.12	5.96	-29.96	53.78	80.20	26.42	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:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

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AC40 5795MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

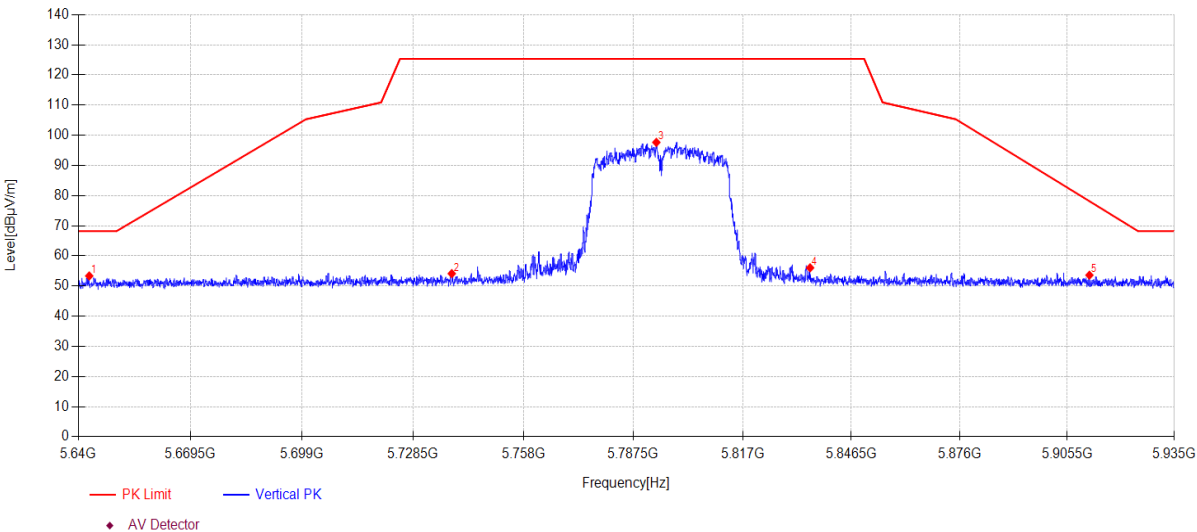
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5642.862	44.12	33.39	5.83	-30.00	53.34	68.20	14.86	PK	Vertical
2	5738.825	44.39	33.83	5.88	-29.98	54.12	125.30	71.18	PK	Vertical
3	5793.695	87.56	34.16	5.91	-29.98	97.65	125.30	27.65	PK	Vertical
4	5835.290	46.02	34.06	5.93	-29.97	56.04	125.30	69.26	PK	Vertical
5	5911.607	43.47	34.12	5.97	-29.96	53.60	78.14	24.54	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:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 5795MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

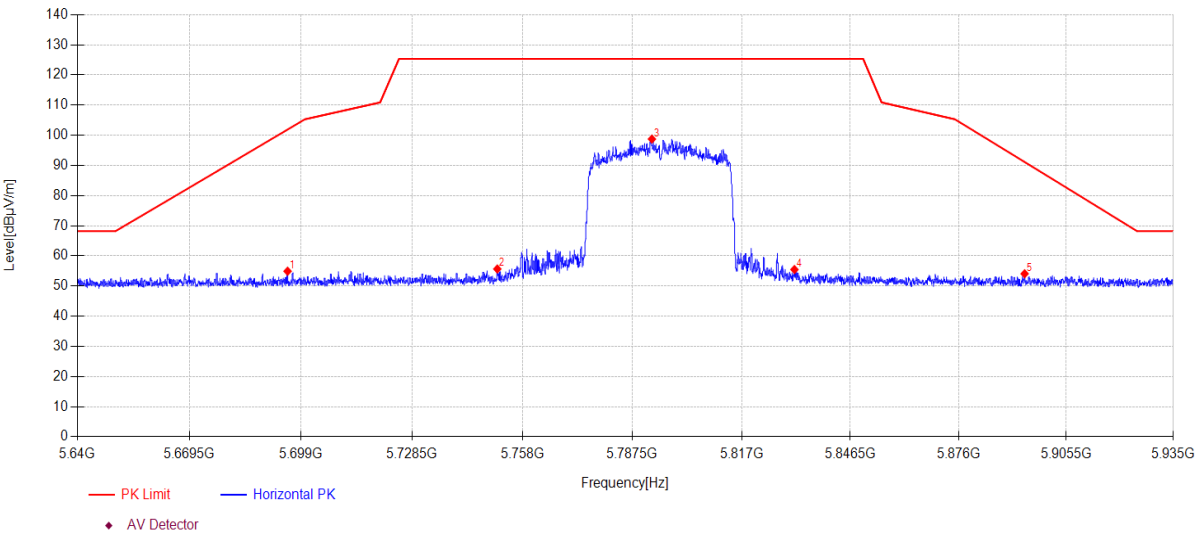
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5695.431	45.47	33.58	5.86	-29.99	54.92	101.91	46.99	PK	Horizontal
2	5751.274	45.83	33.91	5.89	-29.98	55.65	125.30	69.65	PK	Horizontal
3	5792.781	88.65	34.16	5.91	-29.98	98.74	125.30	26.56	PK	Horizontal
4	5831.308	45.45	34.07	5.93	-29.97	55.48	125.30	69.82	PK	Horizontal
5	5894.084	43.98	34.09	5.96	-29.96	54.07	91.14	37.07	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.

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Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 5795MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

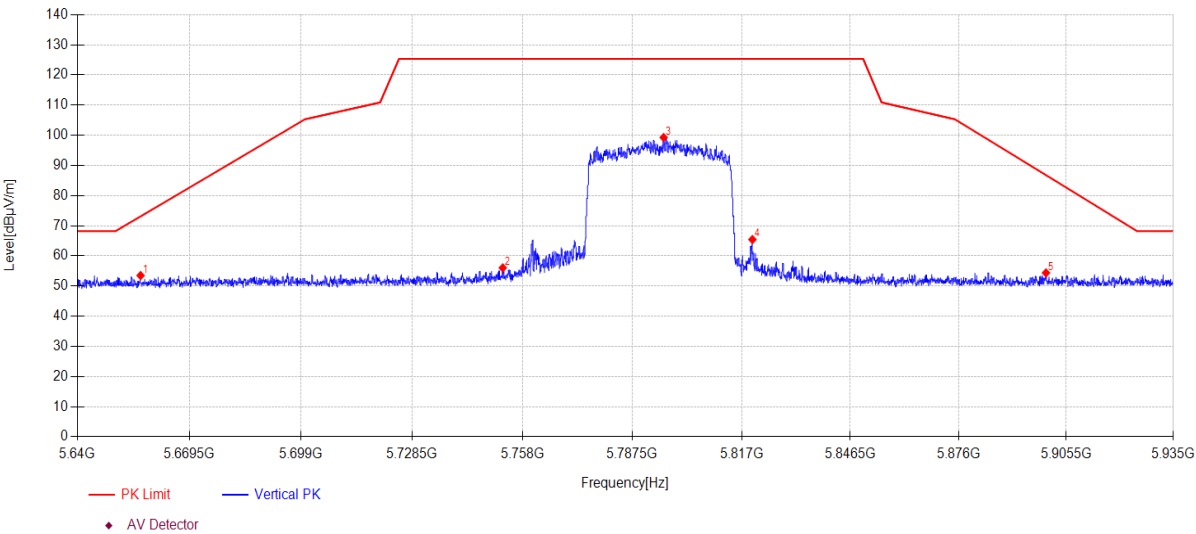
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5656.609	44.21	33.43	5.84	-29.99	53.49	73.10	19.61	PK	Vertical
2	5752.720	46.20	33.92	5.89	-29.98	56.03	125.30	69.27	PK	Vertical
3	5795.937	89.17	34.18	5.91	-29.98	99.28	125.30	26.02	PK	Vertical
4	5819.921	55.35	34.12	5.92	-29.97	65.42	125.30	59.88	PK	Vertical
5	5899.954	44.26	34.10	5.96	-29.96	54.36	86.78	32.42	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:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 5755MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

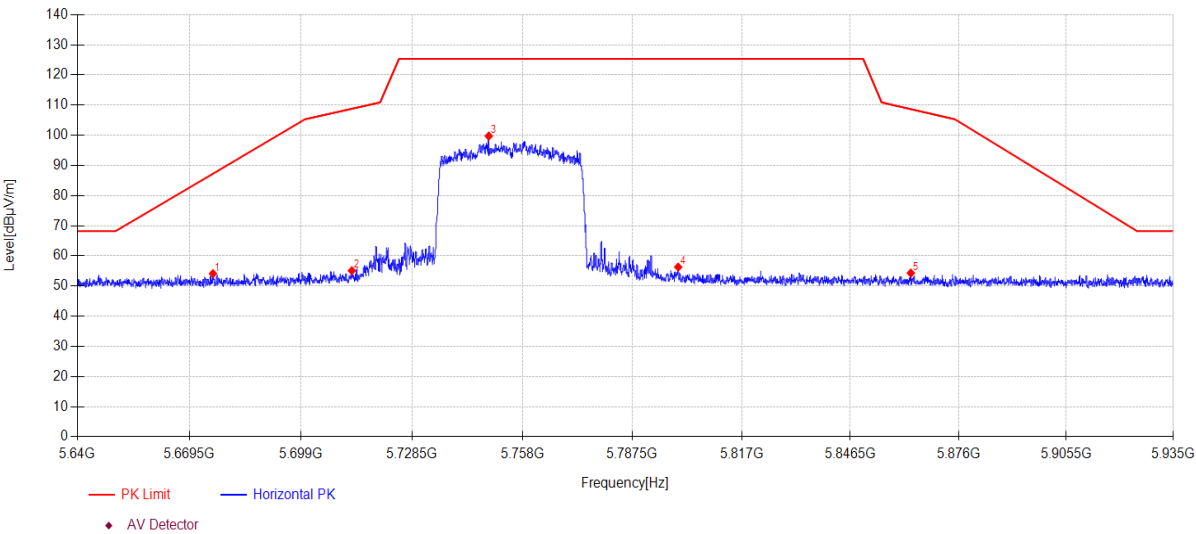
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5675.695	44.76	33.50	5.85	-29.99	54.12	87.27	33.15	PK	Horizontal
2	5712.482	45.54	33.67	5.87	-29.99	55.09	108.79	53.70	PK	Horizontal
3	5748.973	89.94	33.89	5.88	-29.98	99.73	125.30	25.57	PK	Horizontal
4	5799.861	46.16	34.20	5.91	-29.98	56.29	125.30	69.01	PK	Horizontal
5	5862.961	44.31	34.03	5.94	-29.97	54.31	108.67	54.36	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 5755MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

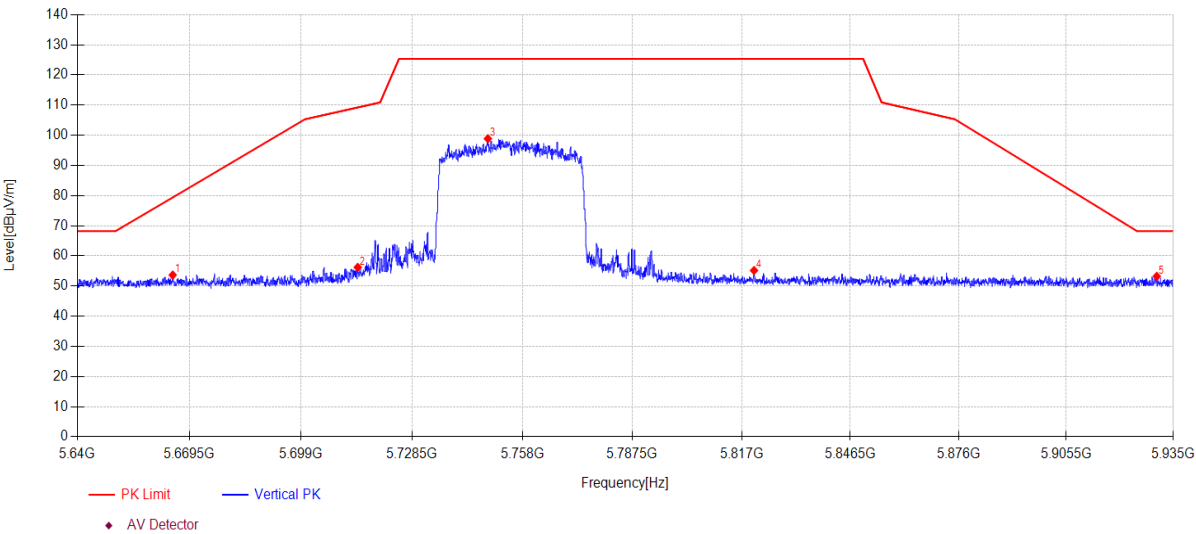
File Path:

d:\ts\2024 report data\Q24052405\FCC ABOVE 5.8G\30

Memo:

Sample Number:S24052405-001 Power Setting:14

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	5665.075	44.33	33.46	5.84	-29.99	53.64	79.39	25.75	PK	Vertical
2	5714.045	46.64	33.68	5.87	-29.99	56.20	109.23	53.03	PK	Vertical
3	5748.737	89.07	33.89	5.88	-29.98	98.86	125.30	26.44	PK	Vertical
4	5820.363	45.09	34.12	5.92	-29.97	55.16	125.30	70.14	PK	Vertical
5	5930.428	43.06	34.16	5.98	-29.96	53.24	68.20	14.96	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

N40 5755MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

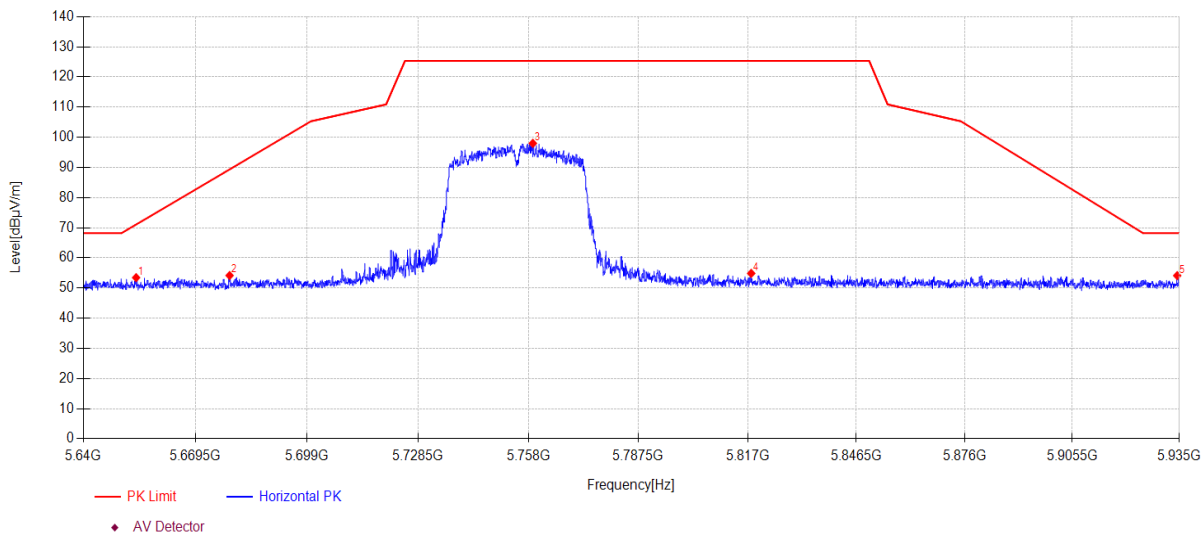
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5653.865	44.18	33.42	5.84	-29.99	53.45	71.07	17.62	PK	Horizontal
2	5678.498	44.79	33.51	5.85	-29.99	54.16	89.35	35.19	PK	Horizontal
3	5759.180	88.11	33.96	5.89	-29.98	97.98	125.30	27.32	PK	Horizontal
4	5817.974	44.78	34.13	5.92	-29.97	54.86	125.30	70.44	PK	Horizontal
5	5934.410	43.93	34.17	5.98	-29.96	54.12	68.20	14.08	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:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

N40 5755MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

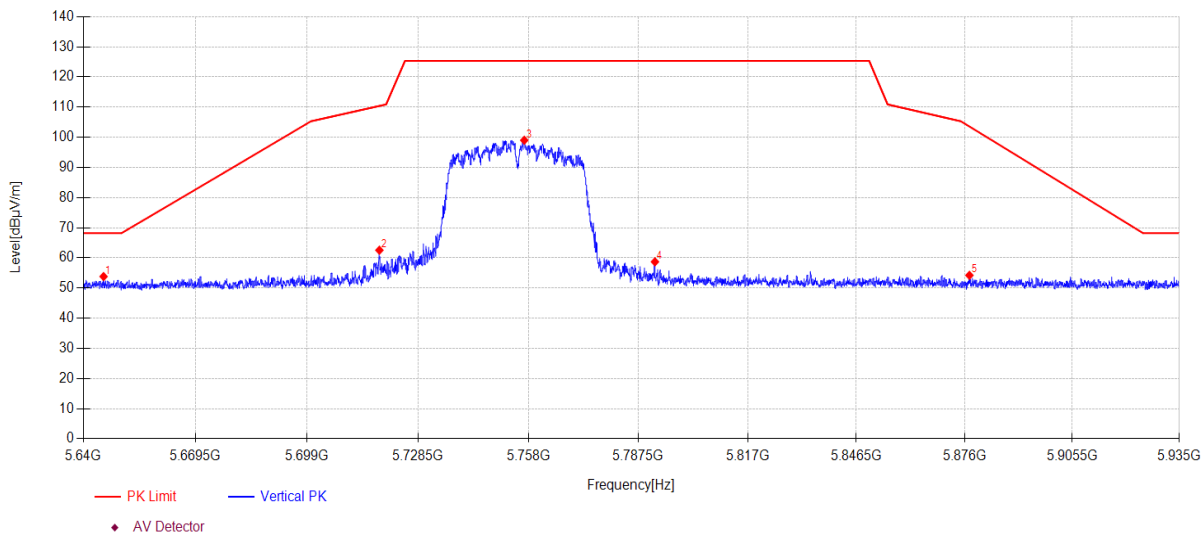
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5645.310	44.59	33.39	5.83	-30.00	53.81	68.20	14.39	PK	Vertical
2	5718.205	52.96	33.71	5.87	-29.99	62.55	110.40	47.85	PK	Vertical
3	5756.879	89.16	33.94	5.89	-29.98	99.01	125.30	26.29	PK	Vertical
4	5791.984	48.62	34.15	5.91	-29.98	58.70	125.30	66.60	PK	Vertical
5	5877.328	44.18	34.05	5.95	-29.97	54.21	103.57	49.36	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

N40 5795MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

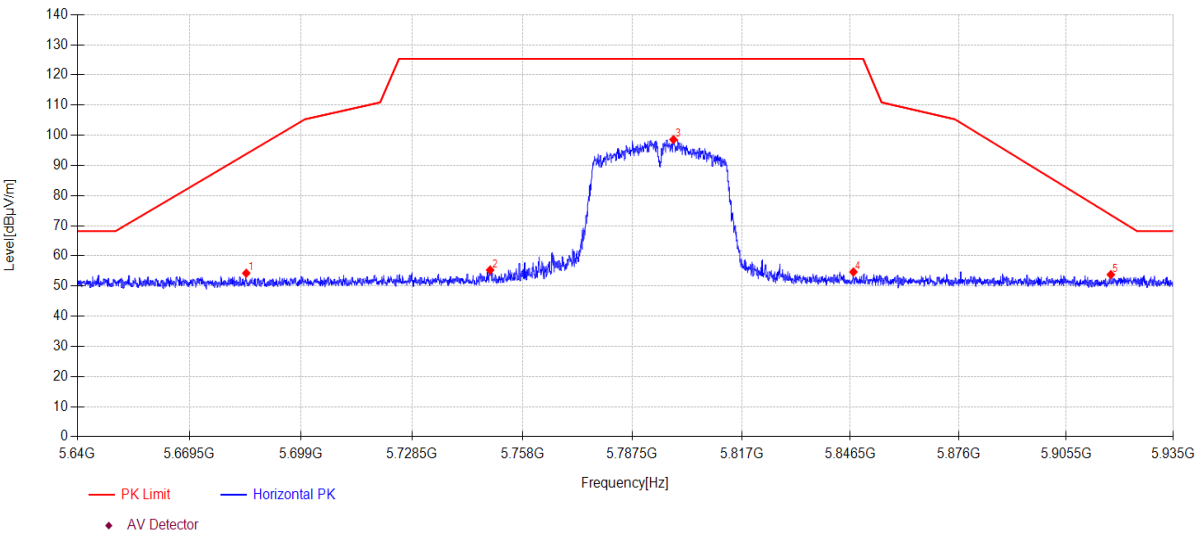
File Path:

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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5684.486	44.86	33.54	5.85	-29.99	54.26	93.79	39.53	PK	Horizontal
2	5749.357	45.50	33.90	5.88	-29.98	55.30	125.30	70.00	PK	Horizontal
3	5798.592	88.45	34.19	5.91	-29.98	98.57	125.30	26.73	PK	Horizontal
4	5847.326	44.71	34.01	5.93	-29.97	54.68	125.30	70.62	PK	Horizontal
5	5917.772	43.64	34.14	5.97	-29.96	53.79	73.56	19.77	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

N40 5795MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

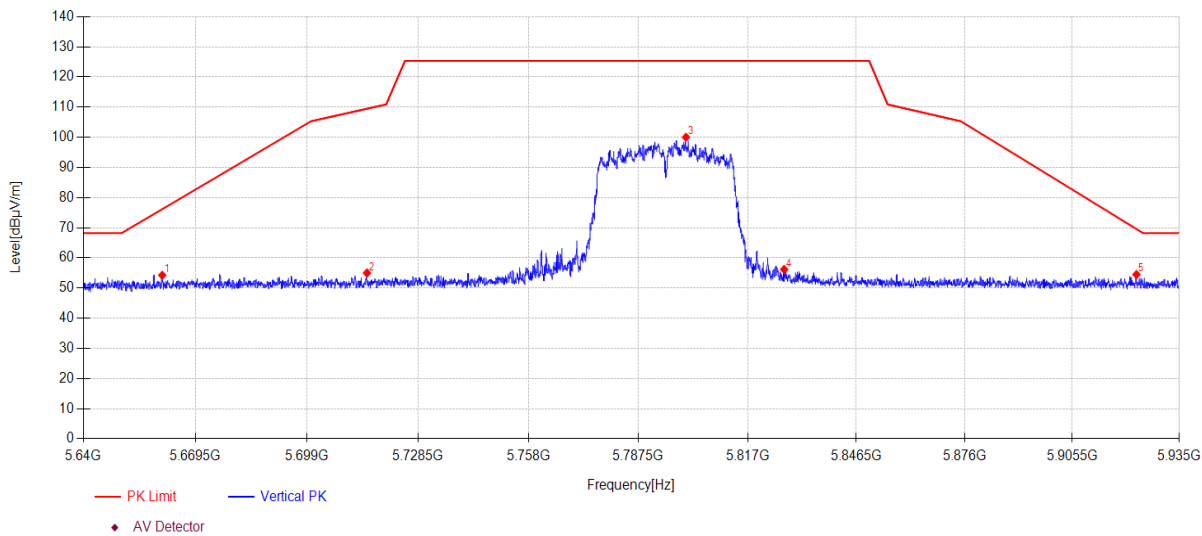
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5660.739	44.95	33.44	5.84	-29.99	54.24	76.17	21.93	PK	Vertical
2	5714.901	45.42	33.69	5.87	-29.99	54.99	109.47	54.48	PK	Vertical
3	5800.333	89.89	34.20	5.91	-29.98	100.02	125.30	25.28	PK	Vertical
4	5826.883	46.13	34.09	5.92	-29.97	56.17	125.30	69.13	PK	Vertical
5	5923.171	44.32	34.15	5.97	-29.96	54.48	69.56	15.08	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AC80 5775MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

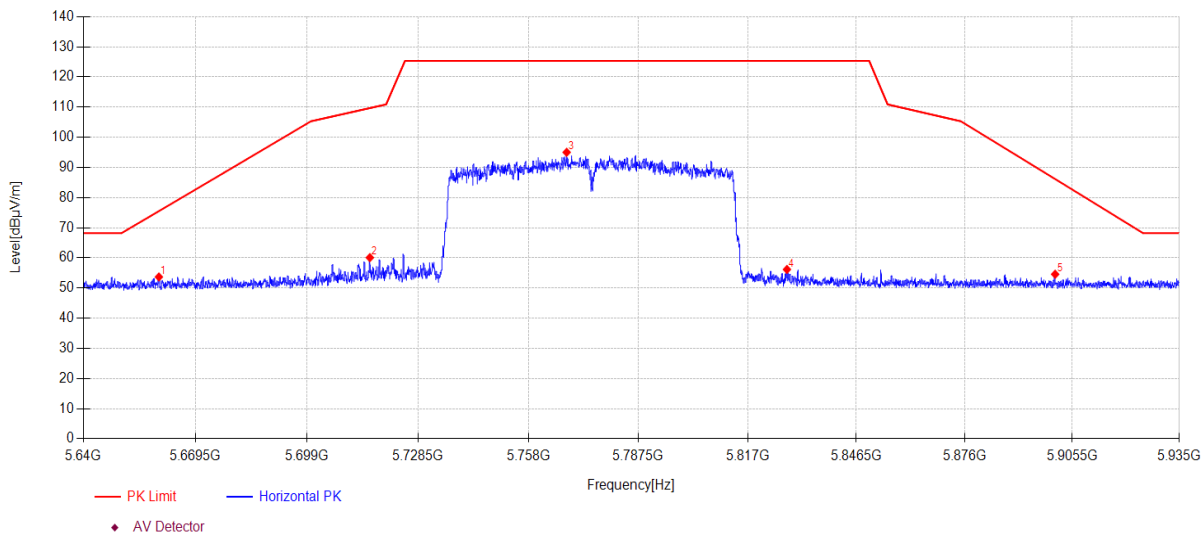
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5659.854	44.39	33.44	5.84	-29.99	53.68	75.51	21.83	PK	Horizontal
2	5715.668	50.51	33.69	5.87	-29.99	60.08	109.69	49.61	PK	Horizontal
3	5768.237	85.09	34.01	5.89	-29.98	95.01	125.30	30.29	PK	Horizontal
4	5827.650	46.12	34.09	5.92	-29.97	56.16	125.30	69.14	PK	Horizontal
5	5900.810	44.47	34.10	5.96	-29.96	54.57	86.15	31.58	PK	Horizontal

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AC80 5775MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

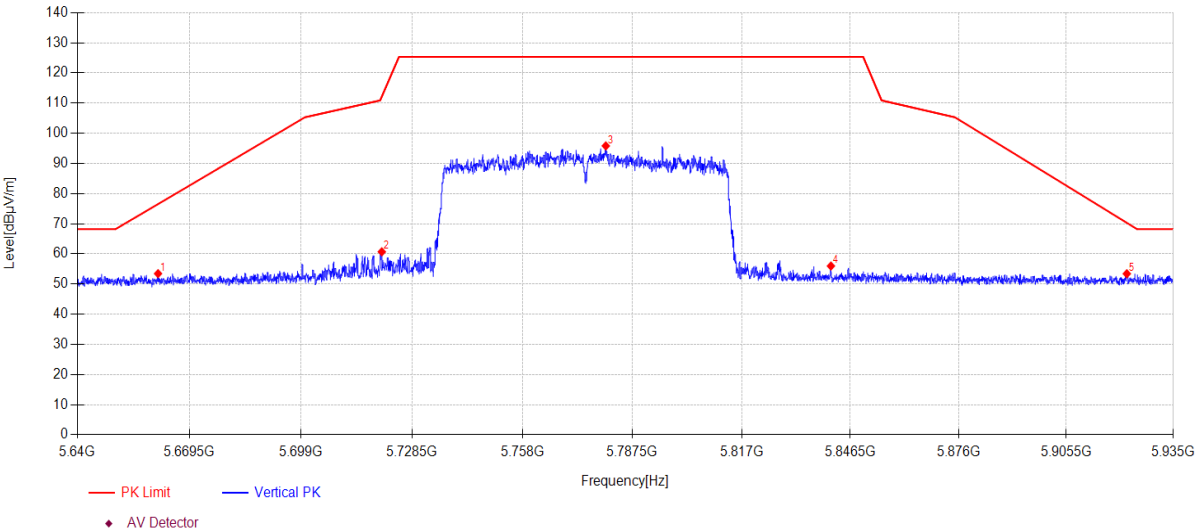
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5661.211	44.17	33.44	5.84	-29.99	53.46	76.52	23.06	PK	Vertical
2	5720.447	51.08	33.72	5.87	-29.99	60.68	112.19	51.51	PK	Vertical
3	5780.361	85.81	34.08	5.90	-29.98	95.81	125.30	29.49	PK	Vertical
4	5841.220	45.98	34.04	5.93	-29.97	55.98	125.30	69.32	PK	Vertical
5	5922.168	43.26	34.14	5.97	-29.96	53.41	70.30	16.89	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX80 5775MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

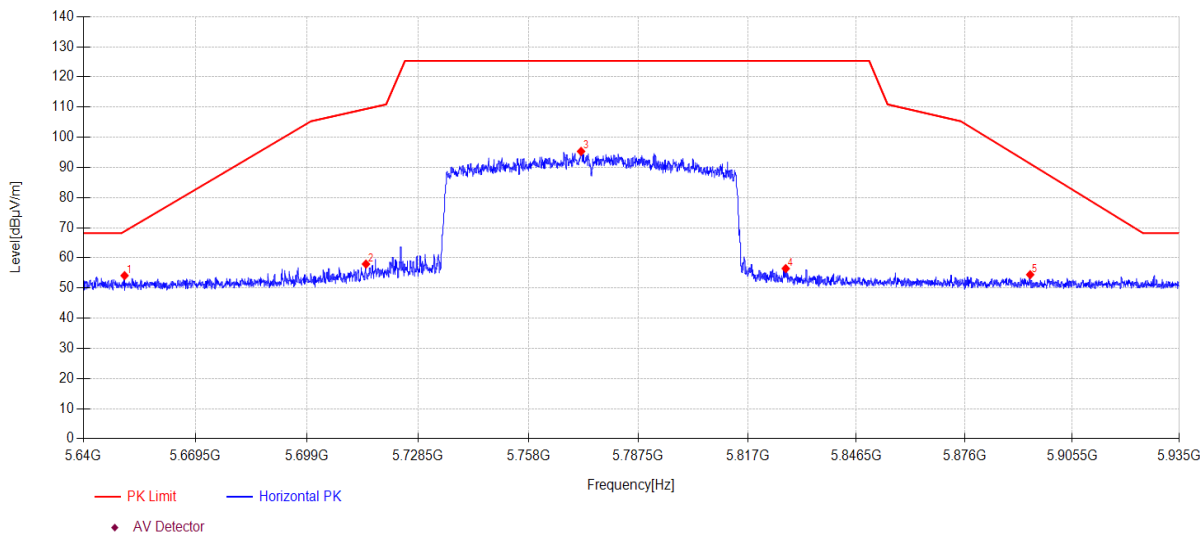
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5650.827	44.88	33.40	5.84	-30.00	54.12	68.81	14.69	PK	Horizontal
2	5714.635	48.38	33.69	5.87	-29.99	57.95	109.40	51.45	PK	Horizontal
3	5772.101	85.36	34.03	5.90	-29.98	95.31	125.30	29.99	PK	Horizontal
4	5827.325	46.42	34.09	5.92	-29.97	56.46	125.30	68.84	PK	Horizontal
5	5893.966	44.35	34.09	5.96	-29.96	54.44	91.23	36.79	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:

2024-07-07

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX80 5775MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

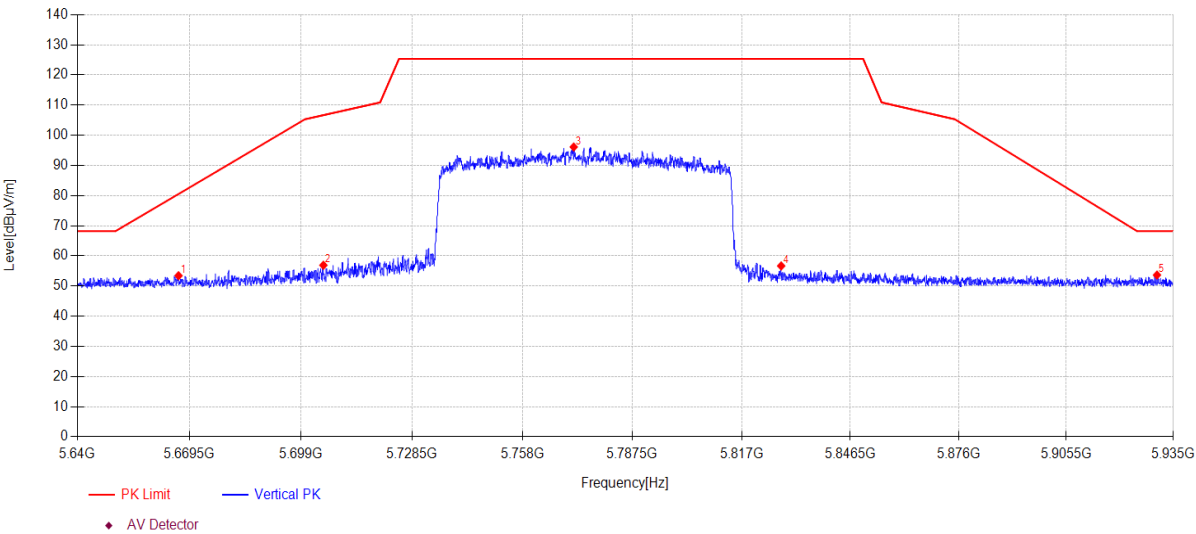
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Memo:

Sample Number:S24052405-001 Power Setting:14

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	5666.609	44.10	33.47	5.84	-29.99	53.42	80.52	27.10	PK	Vertical
2	5704.930	47.39	33.63	5.86	-29.99	56.89	106.68	49.79	PK	Vertical
3	5771.747	86.17	34.03	5.90	-29.98	96.12	125.30	29.18	PK	Vertical
4	5827.709	46.63	34.09	5.92	-29.97	56.67	125.30	68.63	PK	Vertical
5	5930.487	43.46	34.16	5.98	-29.96	53.64	68.20	14.56	PK	Vertical

Note:

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

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

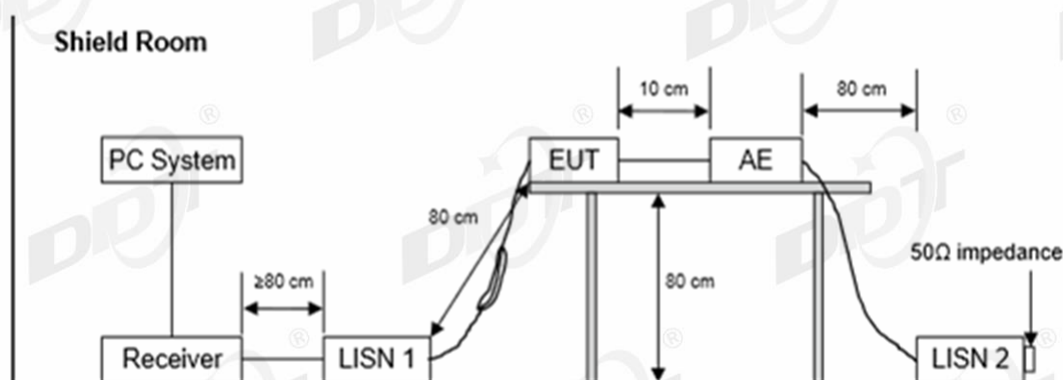
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

15.Power Line Conducted Emissions

15.1. Test equipment

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

15.2. Block diagram of test setup



15.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

15.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
NoteBook	Lenovo	ThinkPad T430	/	/

15.5. Test procedure

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

All support equipment power received from a second LISN.

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

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

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

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

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

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

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

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

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

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

The bandwidth of test receiver is set at 9 kHz.

15.6. Test result

PASS. (See below detailed test result)

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

Note2: "----" means Peak detection; "----" means Average detection.

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

15.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

Test Date : 2024-08-03

EUT : WIFI+BT Module

Power Supply : AC 120V/60Hz

Condition : Temp:21.9°C,Humi:56.2%

Memo :

D:\2024 Report Date\Q24052405-2E\CE FCC.EM6

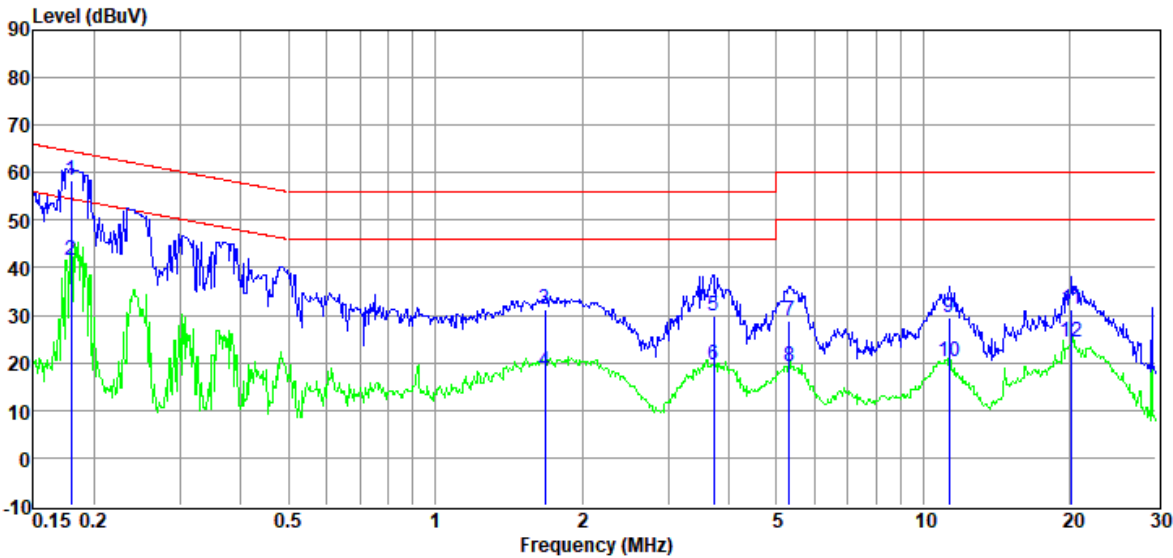
Tested By : Gen Liu

Model Number : WXT2HM2001

Test Mode : 5G WIFI mode

LISN : 2023 ENV 216 3#/LINE

Data: 14



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.18	38.64	9.63	0.11	9.94	58.32	64.50	-6.18	QP	LINE
2	0.18	21.91	9.63	0.11	9.94	41.59	54.50	-12.91	Average	LINE
3	1.68	11.51	9.62	0.26	9.99	31.38	56.00	-24.62	QP	LINE
4	1.68	-1.71	9.62	0.26	9.99	18.16	46.00	-27.84	Average	LINE
5	3.72	9.80	9.74	0.27	10.01	29.82	56.00	-26.18	QP	LINE
6	3.72	-0.50	9.74	0.27	10.01	19.52	46.00	-26.48	Average	LINE
7	5.31	8.70	9.82	0.27	10.02	28.81	60.00	-31.19	QP	LINE
8	5.31	-1.05	9.82	0.27	10.02	19.06	50.00	-30.94	Average	LINE
9	11.32	9.57	9.60	0.29	10.05	29.51	60.00	-30.49	QP	LINE
10	11.32	0.27	9.60	0.29	10.05	20.21	50.00	-29.79	Average	LINE
11	20.16	10.90	9.84	0.34	10.08	31.16	60.00	-28.84	QP	LINE
12	20.16	4.03	9.84	0.34	10.08	24.29	50.00	-25.71	Average	LINE

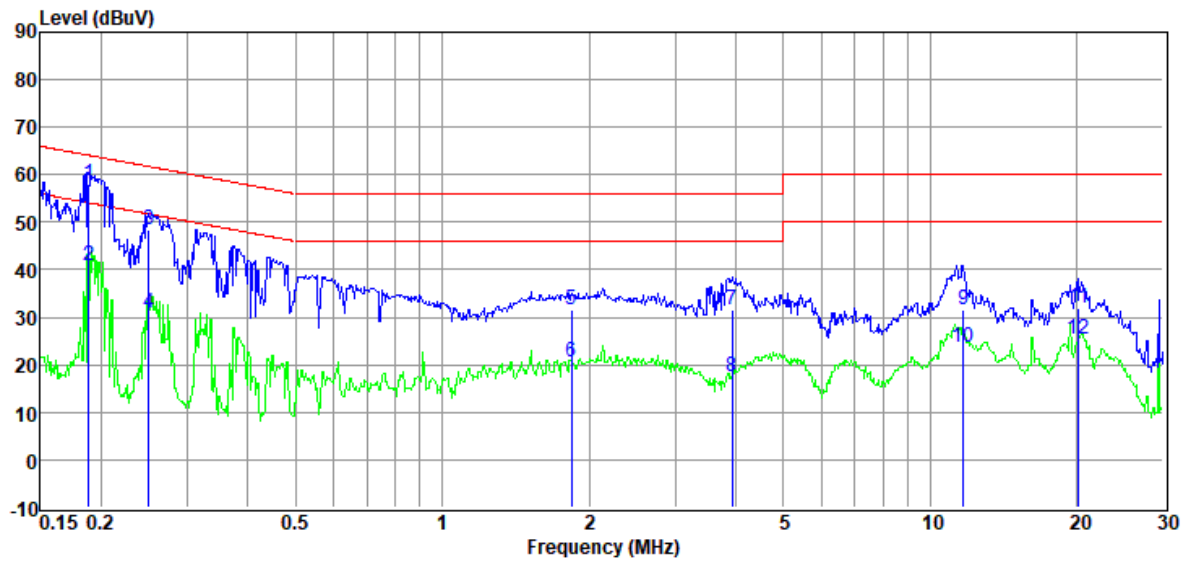
Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz),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

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room
Test Date : 2024-08-03
EUT : WIFI+BT Module
Power Supply : AC 120V/60Hz
Condition : Temp:21.9°C,Humi:56.2%
Memo :

D:\2024 Report Date\Q24052405-2E\CE FCC.EM6
Tested By : Gen Liu
Model Number : WXT2HM2001
Test Mode : 5G WIFI mode
LISN : 2023 ENV 216 3#/NEUTRAL

Data: 16



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Detector	Phase
1	0.19	38.05	9.89	0.11	9.94	57.99	64.11	-6.12	QP	NEUTRAL
2	0.19	20.80	9.89	0.11	9.94	40.74	54.11	-13.37	Average	NEUTRAL
3	0.25	28.51	9.81	0.12	9.95	48.39	61.73	-13.34	QP	NEUTRAL
4	0.25	10.90	9.81	0.12	9.95	30.78	51.73	-20.95	Average	NEUTRAL
5	1.84	11.32	10.00	0.26	9.99	31.57	56.00	-24.43	QP	NEUTRAL
6	1.84	0.39	10.00	0.26	9.99	20.64	46.00	-25.36	Average	NEUTRAL
7	3.92	11.96	9.49	0.27	10.01	31.73	56.00	-24.27	QP	NEUTRAL
8	3.92	-2.26	9.49	0.27	10.01	17.51	46.00	-28.49	Average	NEUTRAL
9	11.68	11.51	9.74	0.29	10.05	31.59	60.00	-28.41	QP	NEUTRAL
10	11.68	3.74	9.74	0.29	10.05	23.82	50.00	-26.18	Average	NEUTRAL
11	20.16	11.41	9.93	0.34	10.08	31.76	60.00	-28.24	QP	NEUTRAL
12	20.16	4.88	9.93	0.34	10.08	25.23	50.00	-24.77	Average	NEUTRAL

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

17. Photos of the EUT

Please refer to DDT-Q24052405-1E appendix I

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