

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6875MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

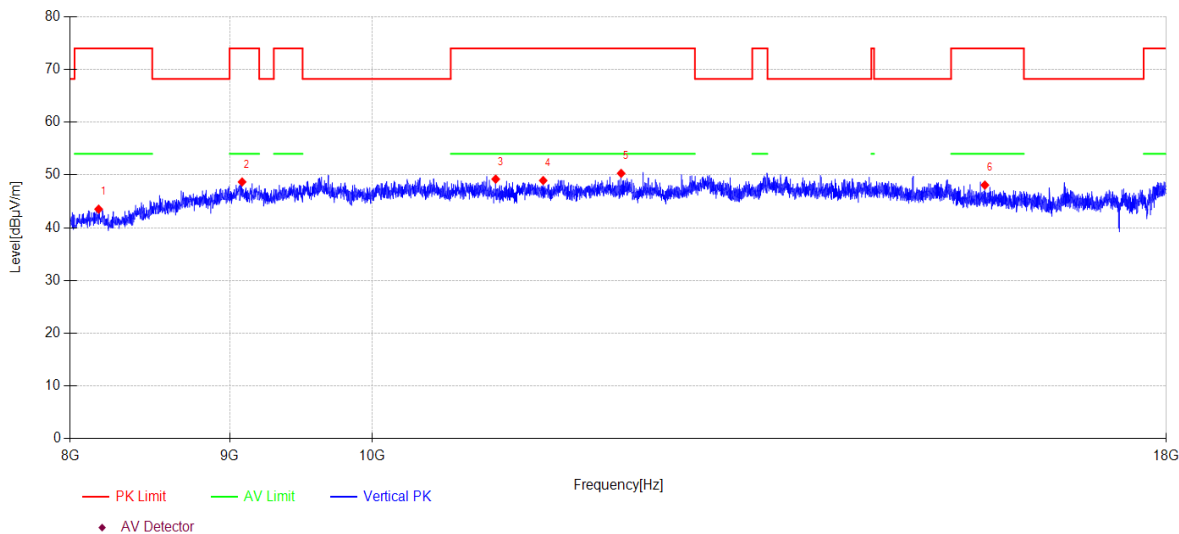
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Memo:

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	8169.000	42.14	37.16	6.67	-42.45	43.52	74.00	30.48	PK	Vertical
2	9084.000	41.98	38.47	7.01	-38.78	48.68	74.00	25.32	PK	Vertical
3	10959.000	41.61	39.30	7.37	-39.07	49.21	74.00	24.79	PK	Vertical
4	11351.000	41.36	39.25	7.59	-39.25	48.95	74.00	25.05	PK	Vertical
5	12025.000	42.64	39.23	8.00	-39.57	50.30	74.00	23.70	PK	Vertical
6	15739.000	40.03	38.42	8.83	-39.20	48.08	74.00	25.92	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6895MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

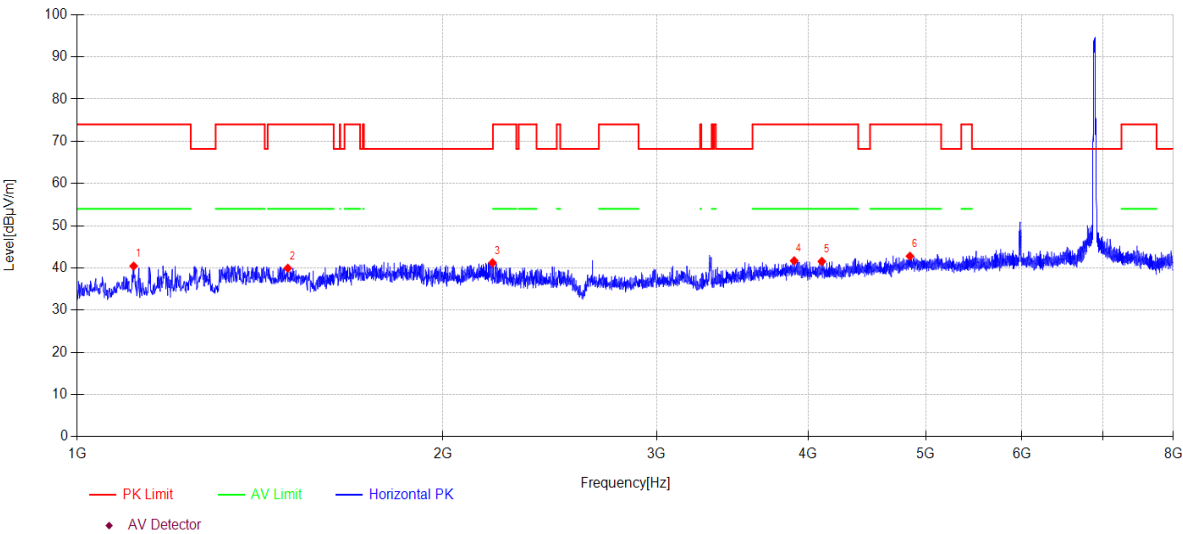
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Memo:

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	1112.700	50.26	24.58	2.49	-36.89	40.44	74.00	33.56	PK	Horizontal
2	1490.700	48.54	25.46	2.86	-36.94	39.92	74.00	34.08	PK	Horizontal
3	2198.400	47.54	27.79	3.46	-37.57	41.22	68.20	26.98	PK	Horizontal
4	3896.600	46.44	31.18	4.46	-40.39	41.69	74.00	32.31	PK	Horizontal
5	4106.600	46.25	31.11	4.59	-40.41	41.54	74.00	32.46	PK	Horizontal
6	4853.500	44.09	33.74	5.08	-40.13	42.78	74.00	31.22	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:

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Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6895MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

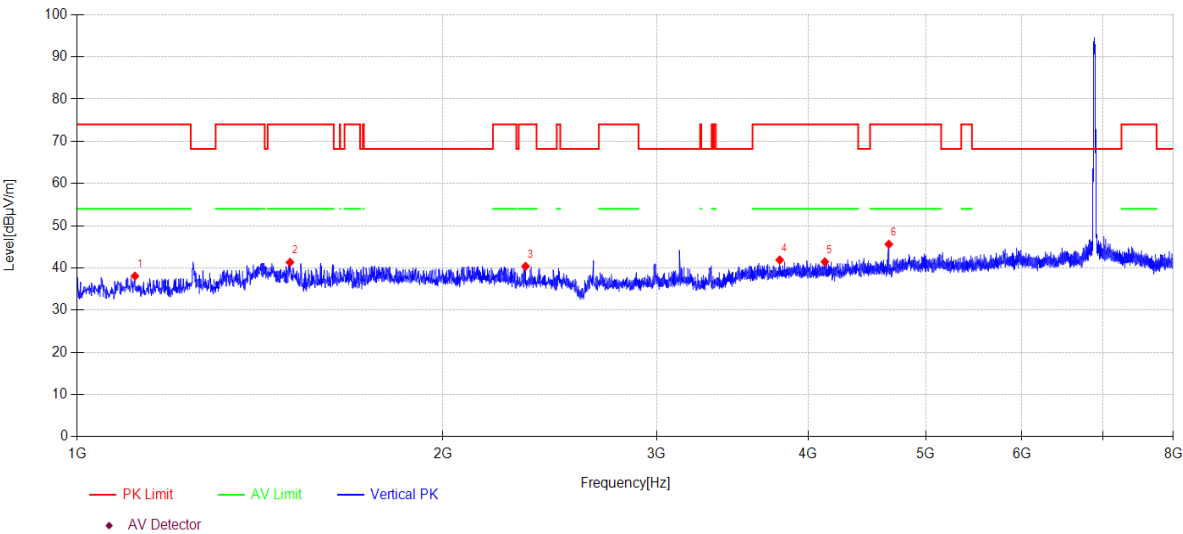
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Memo:

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	1115.500	47.89	24.59	2.49	-36.90	38.07	74.00	35.93	PK	Vertical
2	1497.000	49.92	25.49	2.86	-36.94	41.33	74.00	32.67	PK	Vertical
3	2340.500	47.78	27.04	3.54	-37.97	40.39	74.00	33.61	PK	Vertical
4	3790.900	47.15	30.66	4.39	-40.32	41.88	74.00	32.12	PK	Vertical
5	4129.700	46.09	31.16	4.61	-40.40	41.46	74.00	32.54	PK	Vertical
6	4663.100	48.80	32.05	4.96	-40.20	45.61	74.00	28.39	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6895MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

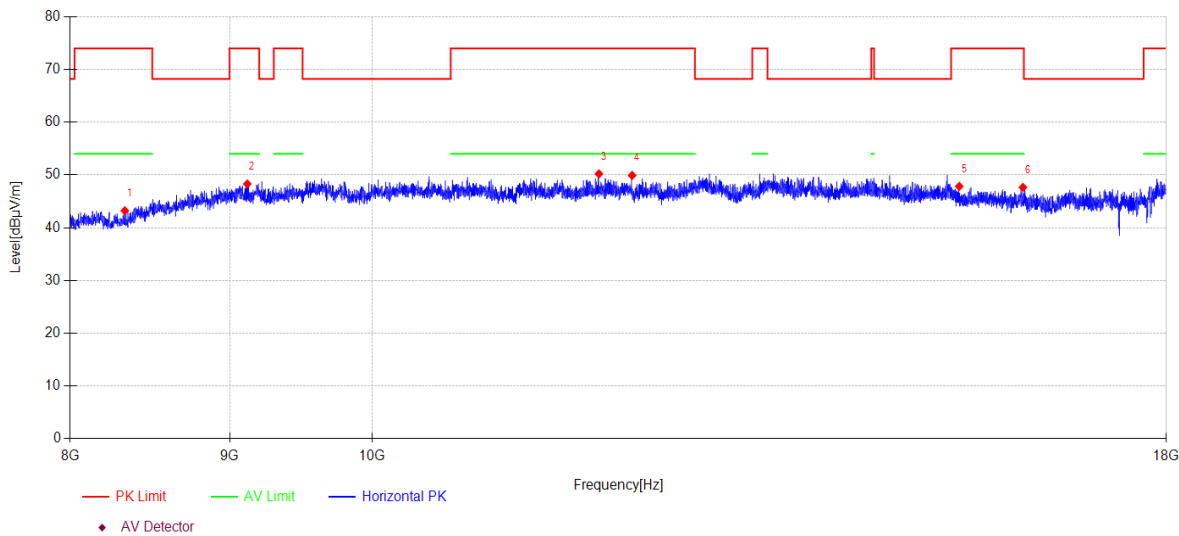
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Memo:

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	8329.000	40.94	37.30	6.73	-41.75	43.22	74.00	30.78	PK	Horizontal
2	9119.000	41.57	38.50	7.01	-38.78	48.30	74.00	25.70	PK	Horizontal
3	11829.000	42.90	38.90	7.89	-39.48	50.21	74.00	23.79	PK	Horizontal
4	12123.000	42.19	39.30	8.04	-39.61	49.92	74.00	24.08	PK	Horizontal
5	15443.000	39.22	38.91	8.73	-39.03	47.83	74.00	26.17	PK	Horizontal
6	16188.000	40.37	37.81	8.99	-39.51	47.66	74.00	26.34	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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6895MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

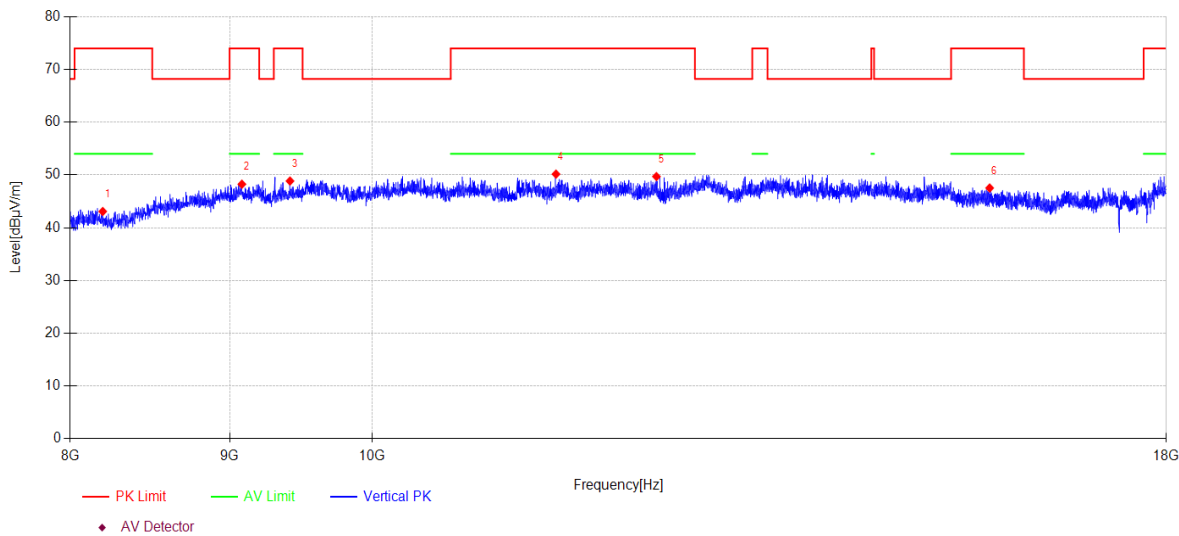
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Memo:

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	8194.000	41.63	37.11	6.68	-42.34	43.08	74.00	30.92	PK	Vertical
2	9083.000	41.56	38.47	7.00	-38.78	48.25	74.00	25.75	PK	Vertical
3	9412.000	41.89	38.70	7.02	-38.76	48.85	74.00	25.15	PK	Vertical
4	11459.000	42.57	39.24	7.66	-39.31	50.16	74.00	23.84	PK	Vertical
5	12343.000	41.96	39.30	8.13	-39.69	49.70	74.00	24.30	PK	Vertical
6	15794.000	39.61	38.31	8.85	-39.24	47.53	74.00	26.47	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6995MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

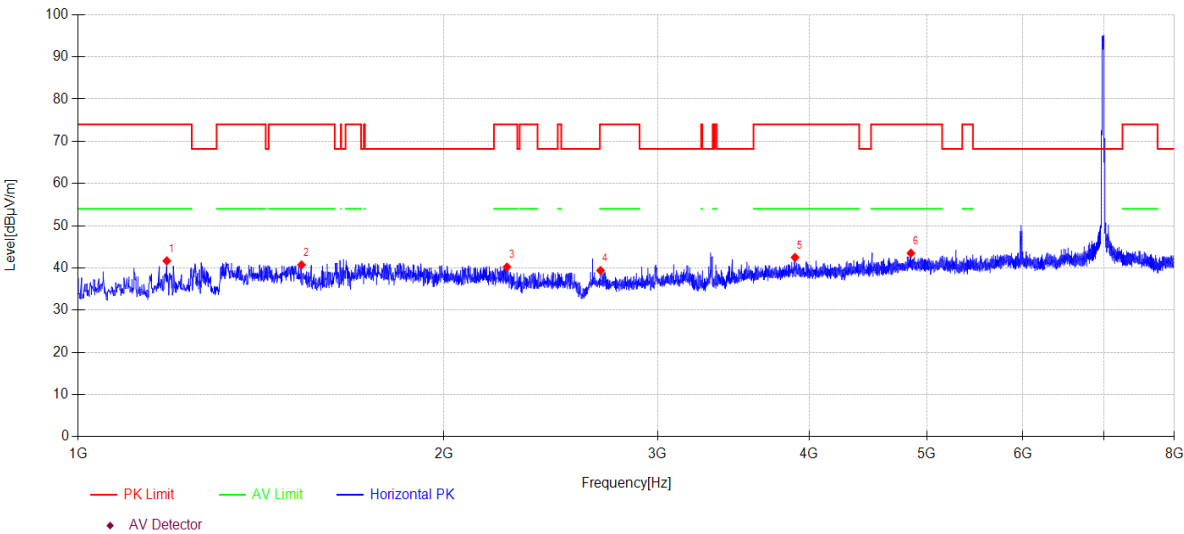
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Memo:

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	1182.700	51.14	24.87	2.56	-36.90	41.67	74.00	32.33	PK	Horizontal
2	1527.100	49.65	25.12	2.89	-36.95	40.71	74.00	33.29	PK	Horizontal
3	2255.100	47.21	27.25	3.49	-37.73	40.22	74.00	33.78	PK	Horizontal
4	2693.300	47.11	27.51	3.74	-38.97	39.39	74.00	34.61	PK	Horizontal
5	3895.200	47.26	31.17	4.46	-40.39	42.50	74.00	31.50	PK	Horizontal
6	4852.800	44.79	33.76	5.08	-40.13	43.50	74.00	30.50	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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6995MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

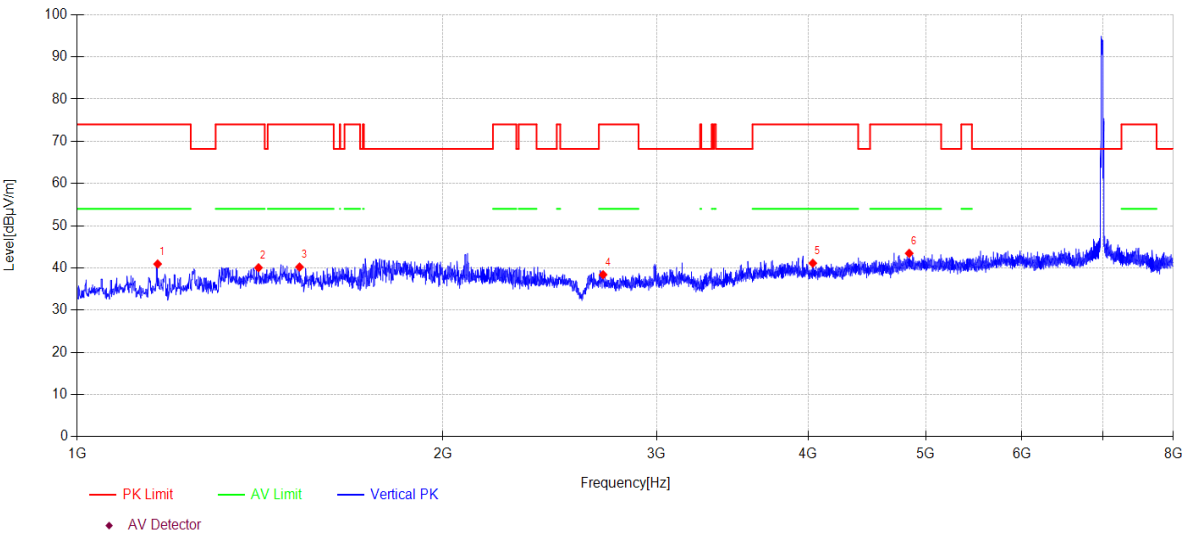
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Memo:

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	1164.500	50.46	24.83	2.54	-36.90	40.93	74.00	33.07	PK	Vertical
2	1410.200	49.06	25.14	2.78	-36.93	40.05	74.00	33.95	PK	Vertical
3	1524.300	49.11	25.16	2.89	-36.95	40.21	74.00	33.79	PK	Vertical
4	2711.500	46.15	27.52	3.75	-39.02	38.40	74.00	35.60	PK	Vertical
5	4036.600	46.06	30.97	4.54	-40.44	41.13	74.00	32.87	PK	Vertical
6	4846.500	44.81	33.71	5.08	-40.14	43.46	74.00	30.54	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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6995MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

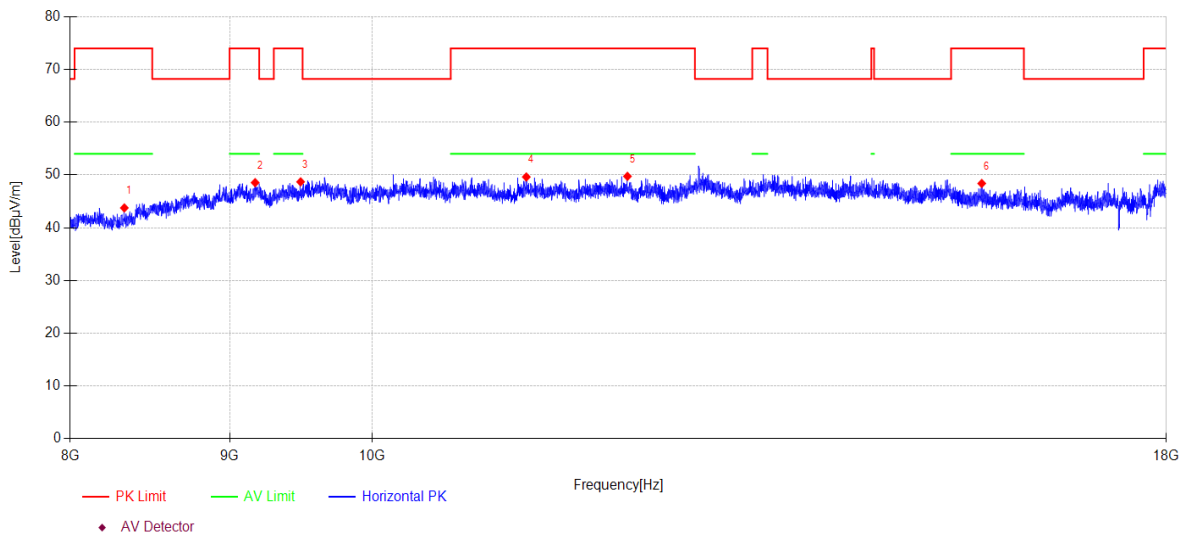
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Memo:

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	8326.000	41.49	37.30	6.73	-41.76	43.76	74.00	30.24	PK	Horizontal
2	9172.000	41.77	38.54	7.01	-38.78	48.54	74.00	25.46	PK	Horizontal
3	9486.000	41.73	38.70	7.03	-38.76	48.70	74.00	25.30	PK	Horizontal
4	11210.000	42.10	39.20	7.51	-39.19	49.62	74.00	24.38	PK	Horizontal
5	12081.000	42.03	39.28	8.02	-39.59	49.74	74.00	24.26	PK	Horizontal
6	15702.000	40.25	38.50	8.82	-39.18	48.39	74.00	25.61	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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6995MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

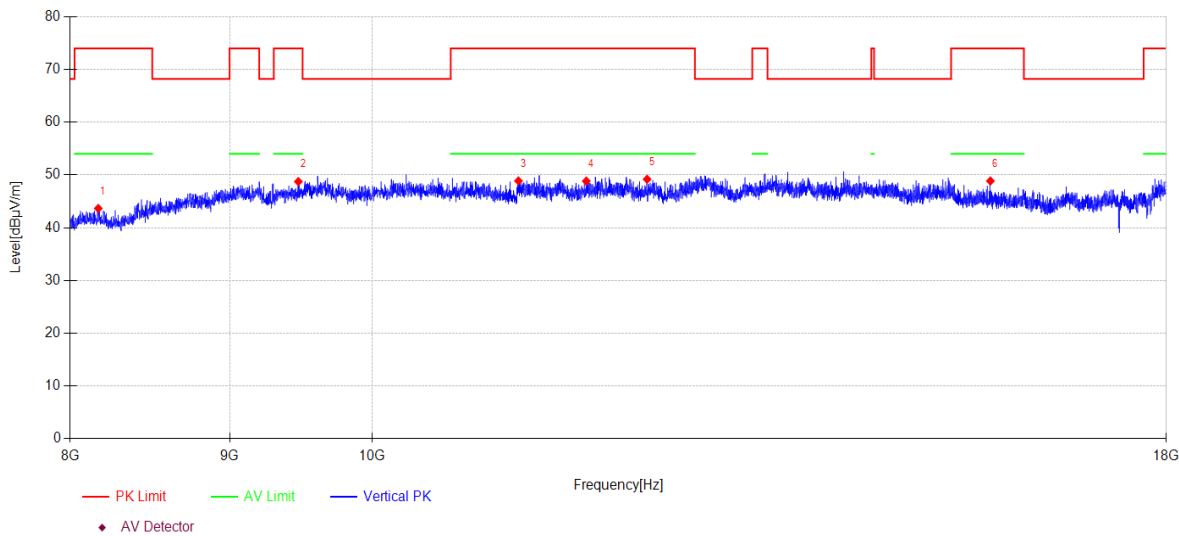
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Memo:

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	8167.000	42.28	37.17	6.67	-42.46	43.66	74.00	30.34	PK	Vertical
2	9470.000	41.78	38.70	7.03	-38.76	48.75	74.00	25.25	PK	Vertical
3	11145.000	41.31	39.26	7.47	-39.16	48.88	74.00	25.12	PK	Vertical
4	11719.000	41.47	38.98	7.82	-39.43	48.84	74.00	25.16	PK	Vertical
5	12258.000	41.45	39.30	8.10	-39.66	49.19	74.00	24.81	PK	Vertical
6	15803.000	40.96	38.29	8.85	-39.24	48.86	74.00	25.14	PK	Vertical

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7115MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

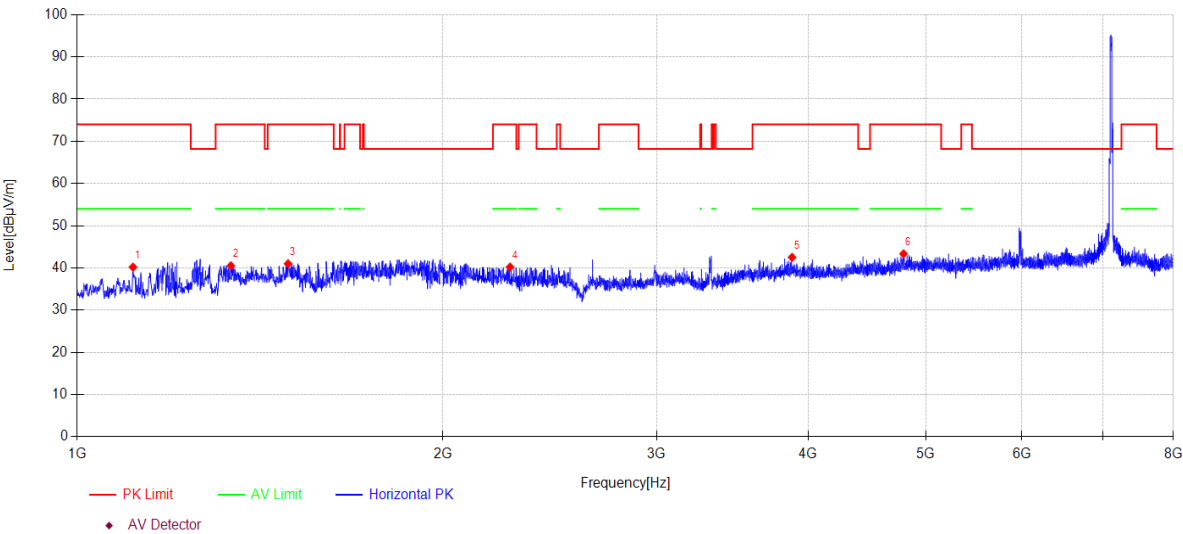
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Memo:

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	1111.300	50.01	24.57	2.49	-36.89	40.18	74.00	33.82	PK	Horizontal
2	1338.100	49.98	24.75	2.71	-36.92	40.52	74.00	33.48	PK	Horizontal
3	1491.400	49.61	25.47	2.86	-36.94	41.00	74.00	33.00	PK	Horizontal
4	2272.600	47.41	27.07	3.50	-37.78	40.20	74.00	33.80	PK	Horizontal
5	3881.200	47.35	31.09	4.45	-40.38	42.51	74.00	31.49	PK	Horizontal
6	4794.700	45.99	32.48	5.04	-40.16	43.35	74.00	30.65	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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7115MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

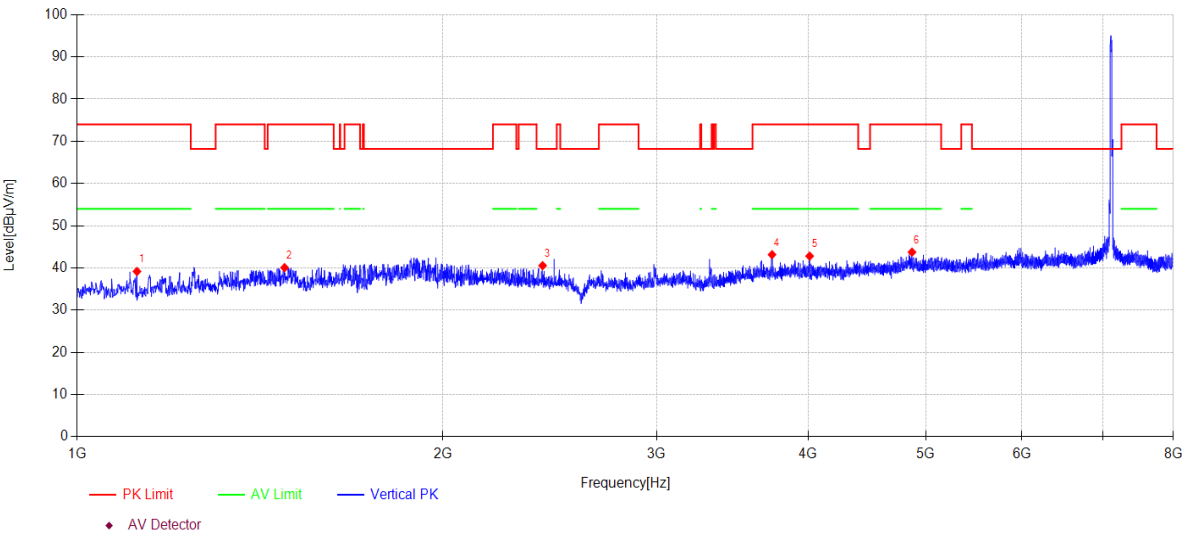
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Memo:

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	1119.700	48.95	24.62	2.50	-36.90	39.17	74.00	34.83	PK	Vertical
2	1481.600	48.73	25.43	2.85	-36.94	40.07	74.00	33.93	PK	Vertical
3	2417.500	47.82	27.34	3.58	-38.19	40.55	68.20	27.65	PK	Vertical
4	3736.300	48.61	30.47	4.36	-40.29	43.15	74.00	30.85	PK	Vertical
5	4012.100	47.80	30.92	4.53	-40.45	42.80	74.00	31.20	PK	Vertical
6	4872.400	45.32	33.44	5.10	-40.13	43.73	74.00	30.27	PK	Vertical

Note:

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

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Test Mode:

AX20 MIMO 7115MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

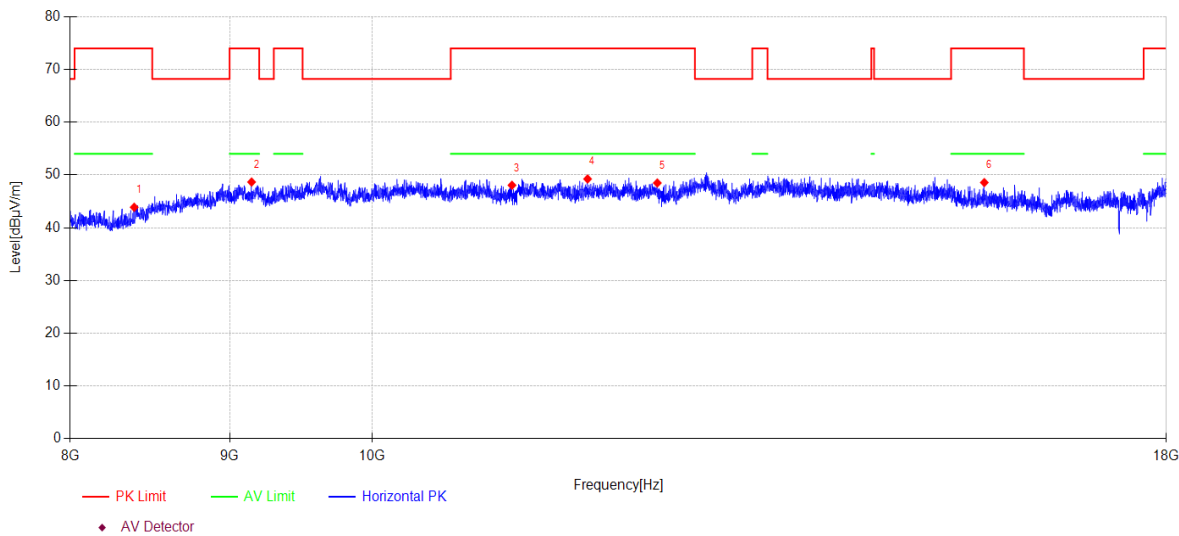
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Memo:

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	8387.000	41.17	37.45	6.75	-41.49	43.88	74.00	30.12	PK	Horizontal
2	9148.000	41.93	38.50	7.01	-38.78	48.66	74.00	25.34	PK	Horizontal
3	11092.000	40.44	39.30	7.44	-39.13	48.05	74.00	25.95	PK	Horizontal
4	11730.000	41.87	38.97	7.83	-39.43	49.24	74.00	24.76	PK	Horizontal
5	12351.000	40.75	39.30	8.13	-39.70	48.48	74.00	25.52	PK	Horizontal
6	15732.000	40.50	38.44	8.83	-39.20	48.57	74.00	25.43	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7115MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

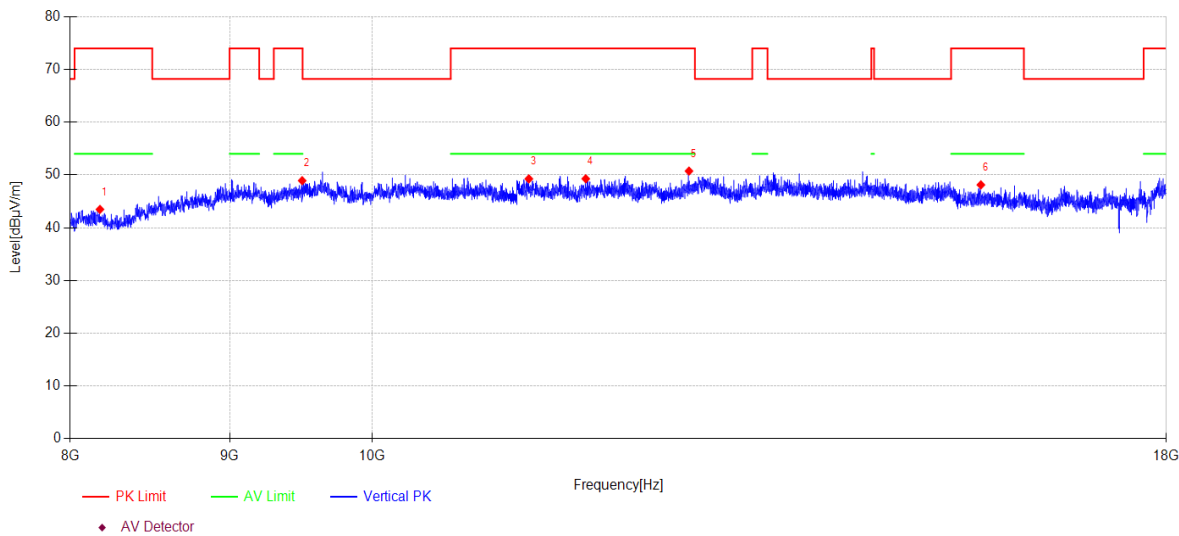
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Memo:

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	8177.000	42.07	37.15	6.67	-42.42	43.47	74.00	30.53	PK	Vertical
2	9497.000	41.95	38.70	7.03	-38.76	48.92	74.00	25.08	PK	Vertical
3	11231.000	41.74	39.20	7.52	-39.20	49.26	74.00	24.74	PK	Vertical
4	11714.000	41.90	38.99	7.82	-39.43	49.28	74.00	24.72	PK	Vertical
5	12644.000	42.81	39.49	8.25	-39.81	50.74	74.00	23.26	PK	Vertical
6	15692.000	39.97	38.51	8.82	-39.18	48.12	74.00	25.88	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:

2024-07-23

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7095MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

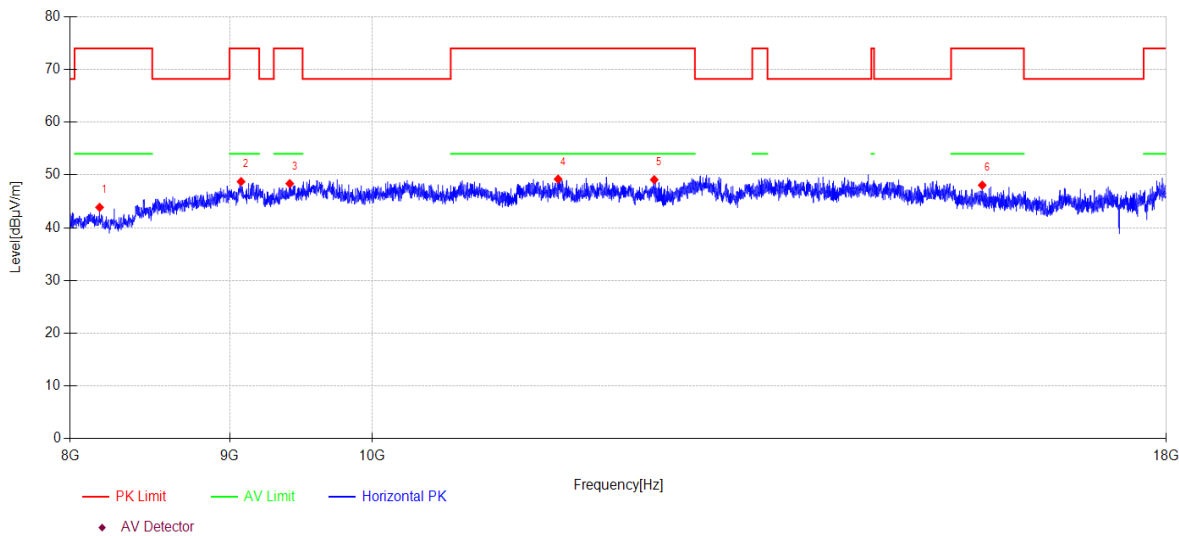
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d:\ts\2024 report data\Q24052405\FCC AOBVE 6G\53

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	8175.000	42.47	37.15	6.67	-42.43	43.86	74.00	30.14	PK	Horizontal
2	9077.000	42.07	38.45	7.00	-38.78	48.74	74.00	25.26	PK	Horizontal
3	9410.000	41.40	38.70	7.02	-38.76	48.36	74.00	25.64	PK	Horizontal
4	11477.000	41.63	39.22	7.67	-39.31	49.21	74.00	24.79	PK	Horizontal
5	12323.000	41.37	39.30	8.12	-39.69	49.10	74.00	24.90	PK	Horizontal
6	15708.000	39.94	38.48	8.82	-39.18	48.06	74.00	25.94	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:

2024-07-23

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7095MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

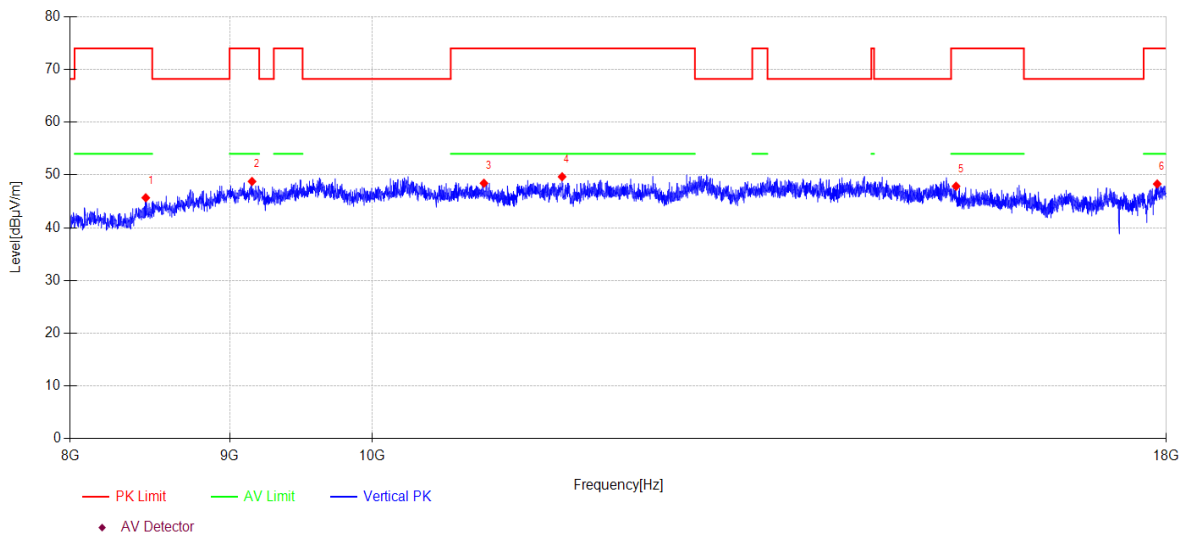
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Memo:

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	8459.000	42.54	37.54	6.78	-41.18	45.68	74.00	28.32	PK	Vertical
2	9151.000	42.04	38.50	7.01	-38.78	48.77	74.00	25.23	PK	Vertical
3	10864.000	40.80	39.34	7.34	-39.04	48.44	74.00	25.56	PK	Vertical
4	11511.000	42.12	39.18	7.69	-39.33	49.66	74.00	24.34	PK	Vertical
5	15406.000	39.15	38.99	8.72	-39.00	47.86	74.00	26.14	PK	Vertical
6	17879.000	38.24	41.67	10.52	-42.13	48.30	74.00	25.70	PK	Vertical

Note:

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-07-23

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7095MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

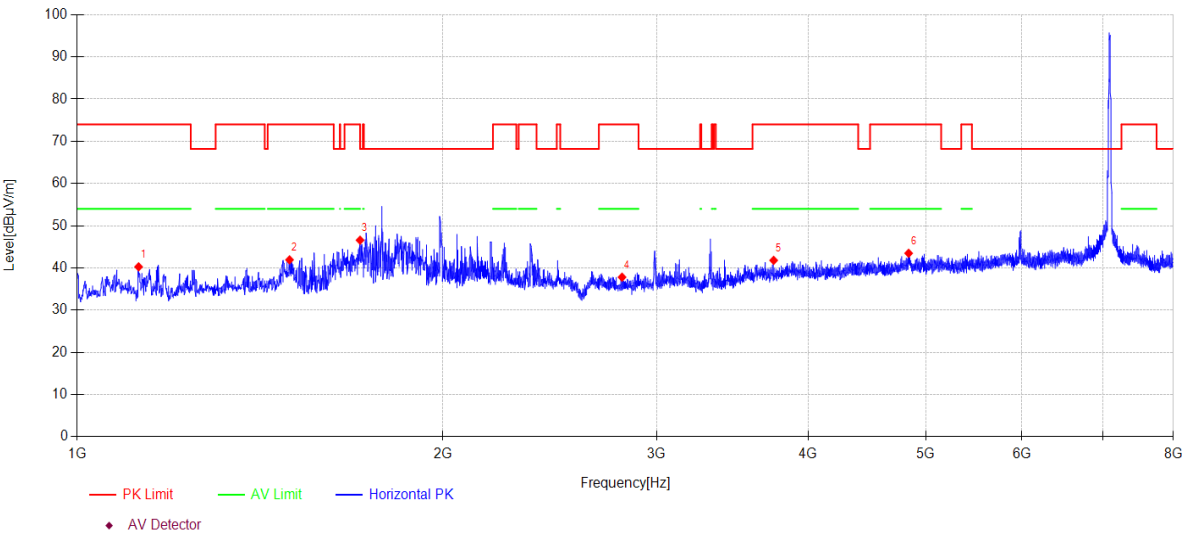
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Memo:

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	1123.200	50.03	24.64	2.50	-36.90	40.27	74.00	33.73	PK	Horizontal
2	1495.600	50.52	25.48	2.86	-36.94	41.92	74.00	32.08	PK	Horizontal
3	1709.800	55.21	25.26	3.07	-36.97	46.57	74.00	27.43	PK	Horizontal
4	2810.900	45.82	27.49	3.80	-39.30	37.81	74.00	36.19	PK	Horizontal
5	3747.500	47.23	30.50	4.37	-40.30	41.80	74.00	32.20	PK	Horizontal
6	4841.600	44.96	33.58	5.08	-40.14	43.48	74.00	30.52	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:

2024-07-23

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7095MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

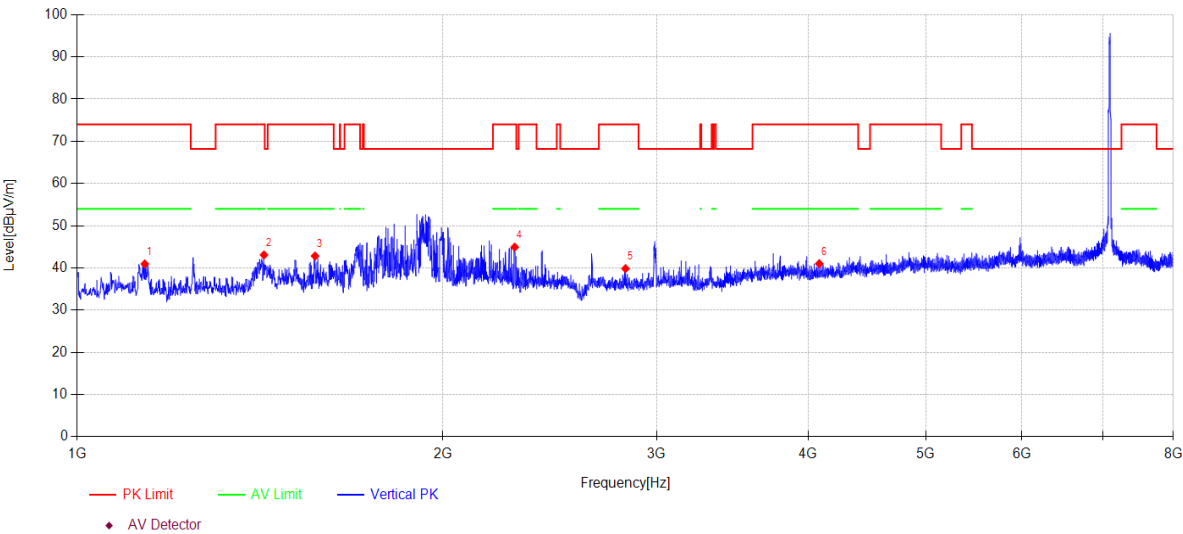
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Memo:

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	1136.500	50.62	24.72	2.51	-36.90	40.95	74.00	33.05	PK	Vertical
2	1424.900	52.03	25.20	2.79	-36.94	43.08	74.00	30.92	PK	Vertical
3	1569.800	51.73	25.12	2.93	-36.95	42.83	74.00	31.17	PK	Vertical
4	2292.900	52.39	26.87	3.51	-37.84	44.93	74.00	29.07	PK	Vertical
5	2829.100	47.77	27.63	3.81	-39.36	39.85	74.00	34.15	PK	Vertical
6	4086.300	45.77	31.07	4.58	-40.42	41.00	74.00	33.00	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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 5955MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

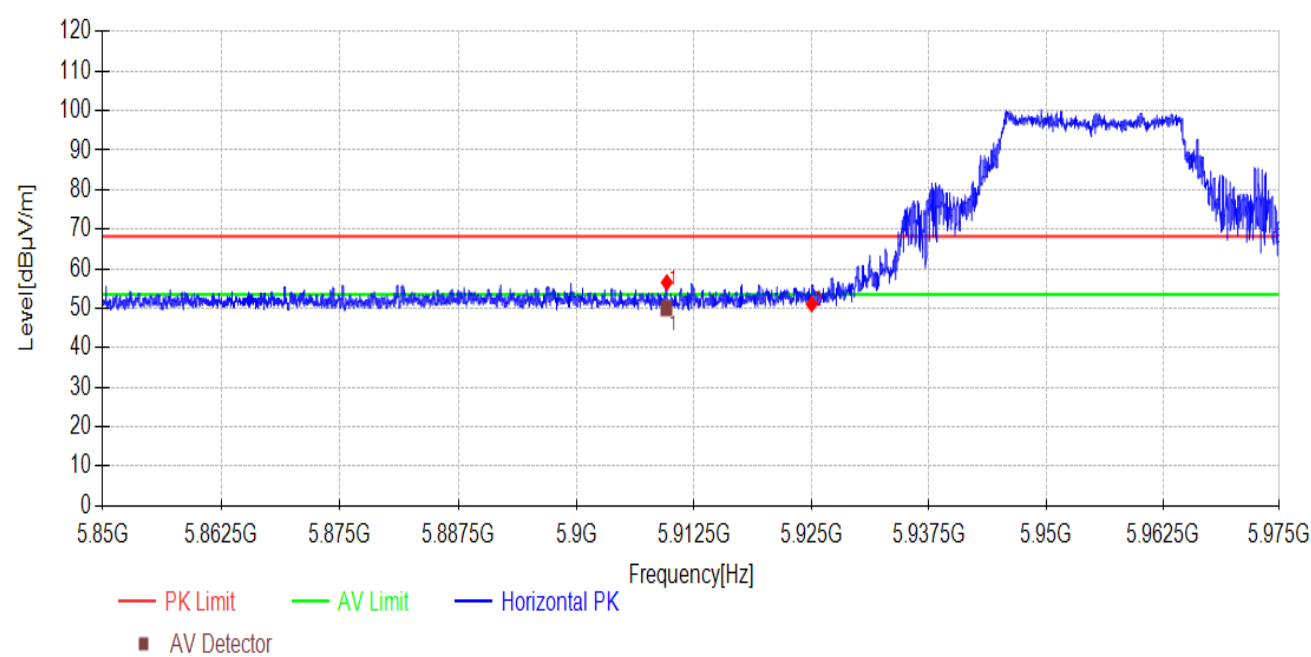
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5909.600	46.61	9.94	56.55	68.20	11.65	PK	Horizontal
2	5925.000	41.10	9.98	51.08	68.20	17.12	PK	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5909.600	40.21	9.94	50.15	54.0	3.85	AV	Horizontal

- Note:
- 1. Level = Reading + Factor
 - 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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 5955MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

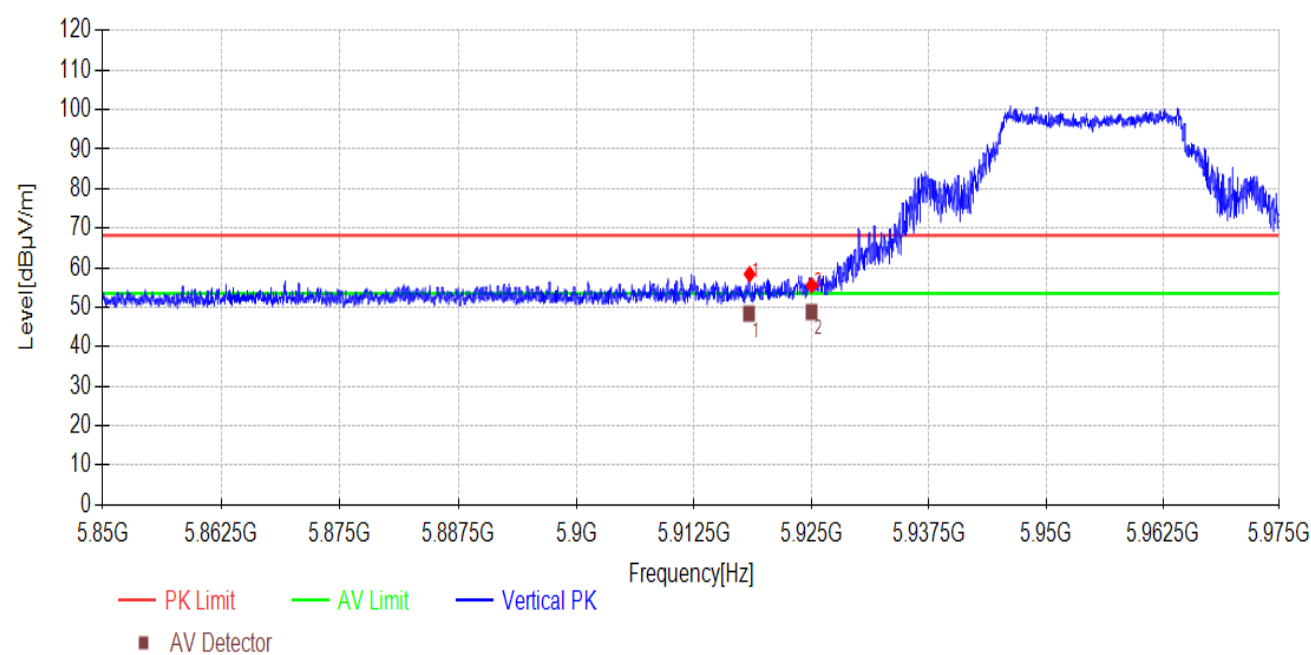
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5918.400	48.42	9.97	58.39	68.20	9.81	PK	Vertical
2	5925.000	45.60	9.98	55.58	68.20	12.62	PK	Vertical

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5918.400	38.17	9.97	48.14	54.0	5.86	AV	Vertical
2	5925.000	38.74	9.98	48.72	54.0	5.28	AV	Vertical

Note:

- Level = Reading + Factor
- 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:

2024-08-05

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7115MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

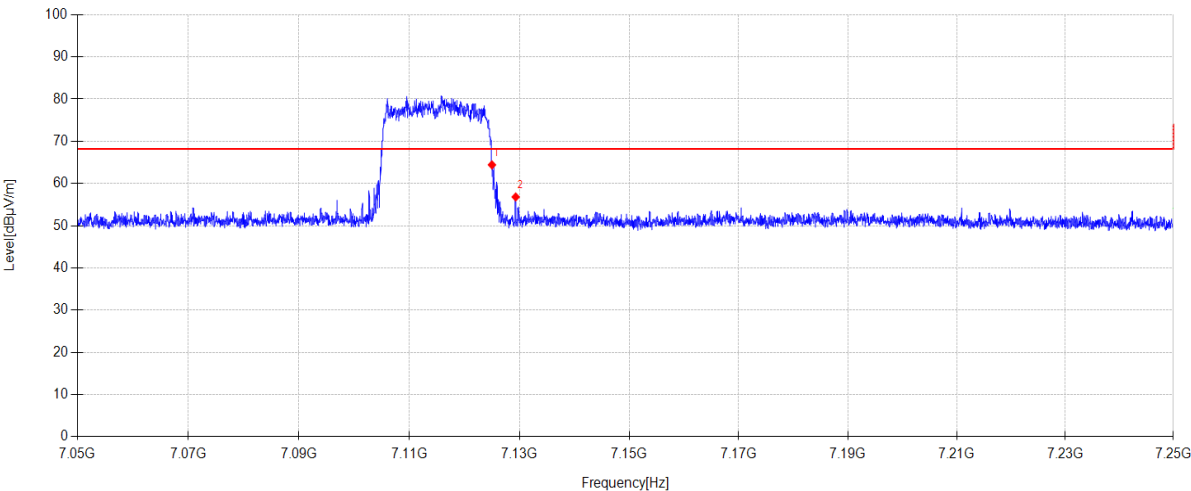
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Memo:

Sample Number:S24052405-001 Power Setting:-9

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	7125.000	52.77	36.65	6.01	-31.01	64.42	68.20	3.78	RMS	Horizontal
2	7129.320	45.17	36.66	6.01	-31.02	56.82	68.20	11.38	RMS	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-05

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7115MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

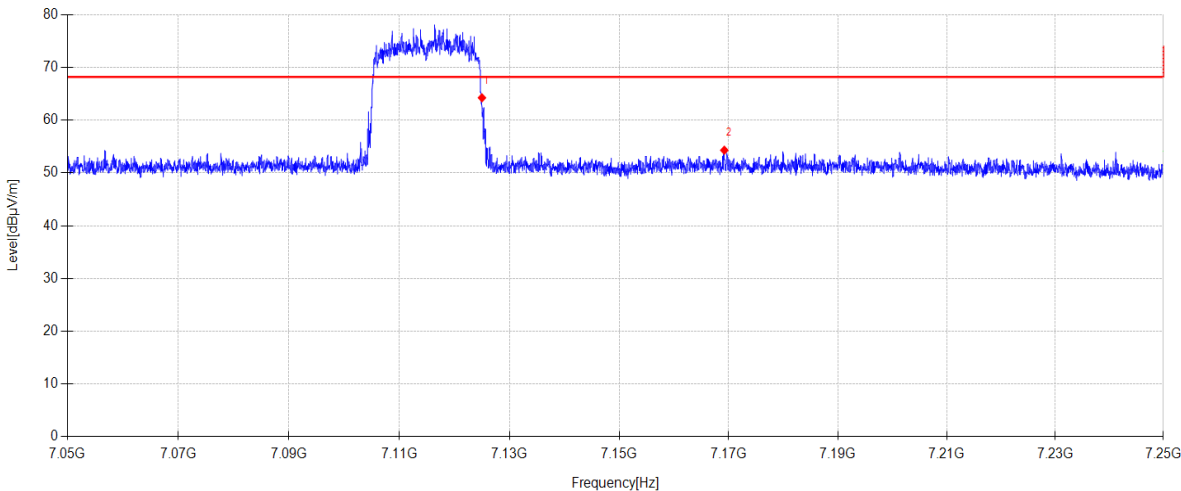
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Memo:

Sample Number:S24052405-001 Power Setting:-9

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	7125.000	52.60	36.65	6.01	-31.01	64.25	68.20	3.95	RMS	Vertical
2	7169.220	42.65	36.74	6.04	-31.12	54.31	68.20	13.89	RMS	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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 MIMO 5695MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

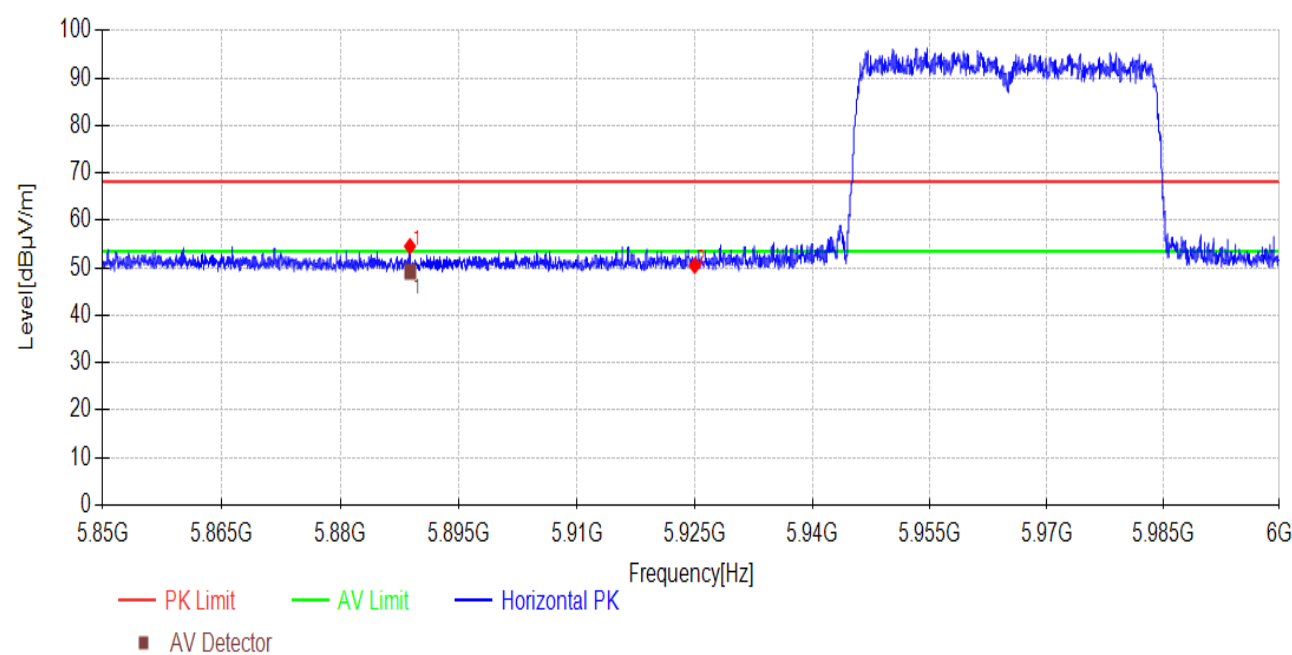
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5888.820	44.65	9.89	54.54	68.20	13.66	PK	Horizontal
2	5925.000	40.47	9.98	50.45	68.20	17.75	PK	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5888.820	39.21	9.89	49.10	54.0	4.90	AV	Horizontal

Note:

1. Level = Reading + Factor

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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 MIMO 5695MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

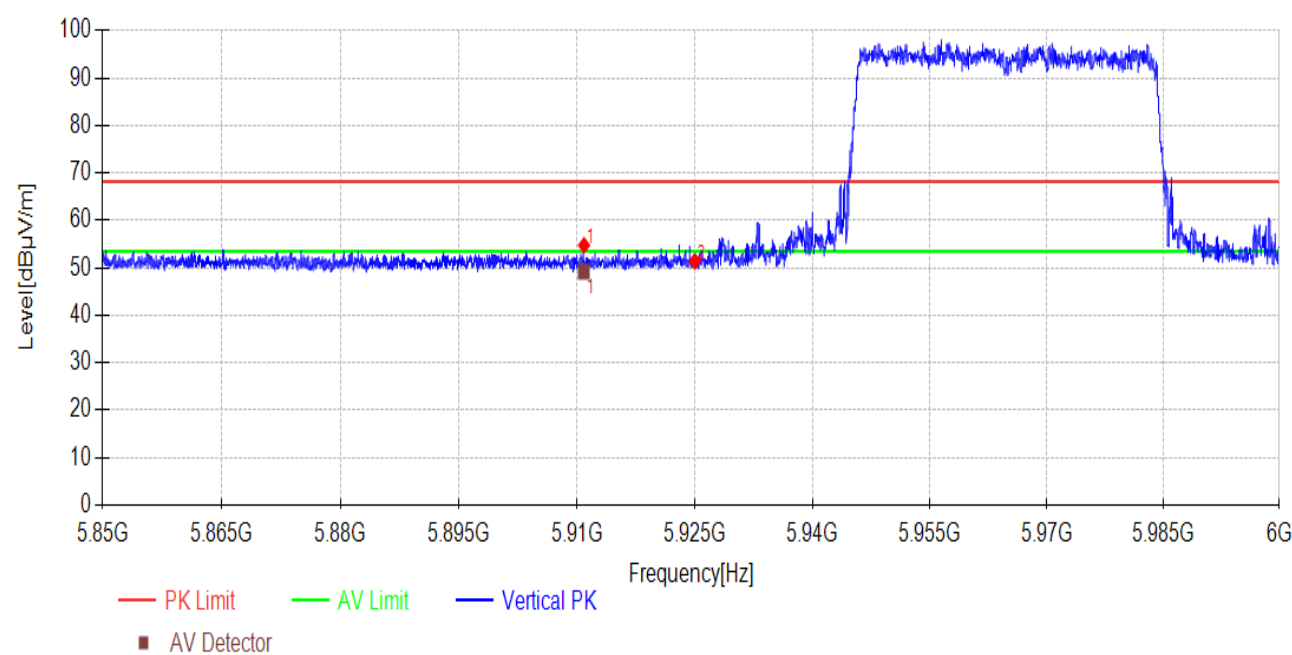
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5910.915	44.82	9.94	54.76	68.20	13.44	PK	Vertical
2	5925.000	41.40	9.98	51.38	68.20	16.82	PK	Vertical

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5910.915	39.18	9.94	49.12	54.0	4.88	AV	Vertical

Note:

1. Level = Reading + Factor

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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 MIMO 7085MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

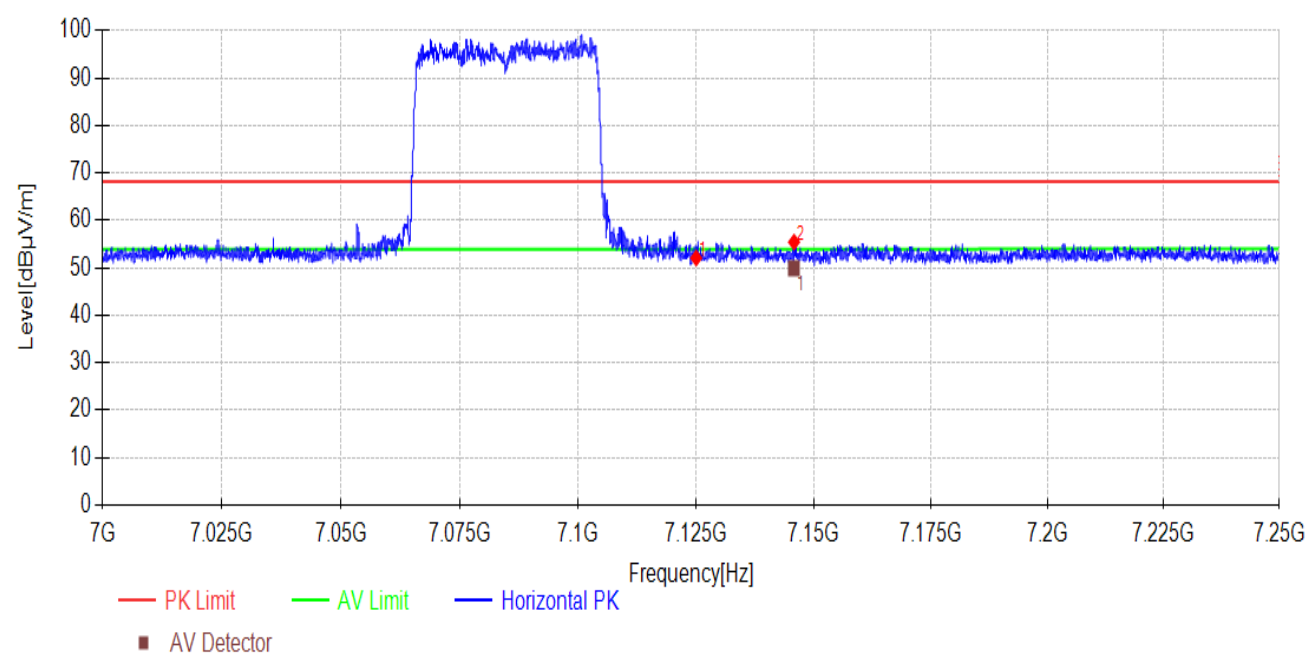
DDT 3# Chamber

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Memo:

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	40.41	11.65	52.06	68.20	16.14	PK	Horizontal
2	7145.825	43.79	11.65	55.44	68.20	12.76	PK	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7145.825	38.13	11.65	49.78	54.0	4.22	AV	Horizontal

Note:

1. Level = Reading + Factor

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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX40 MIMO 7085MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

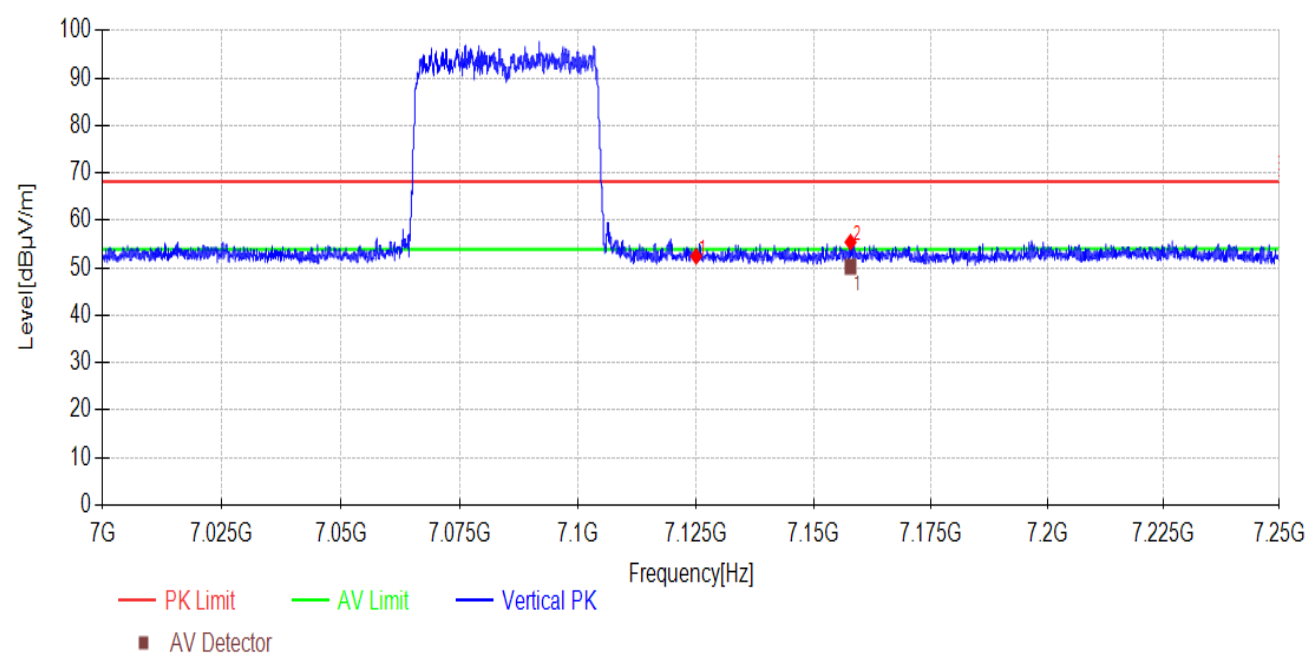
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	40.78	11.65	52.43	68.20	15.77	PK	Vertical
2	7157.875	43.75	11.66	55.41	68.20	12.79	PK	Vertical

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7157.875	38.43	11.66	50.09	54.0	3.91	AV	Vertical

Note:

1. Level = Reading + Factor

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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX80 MIMO 5985MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

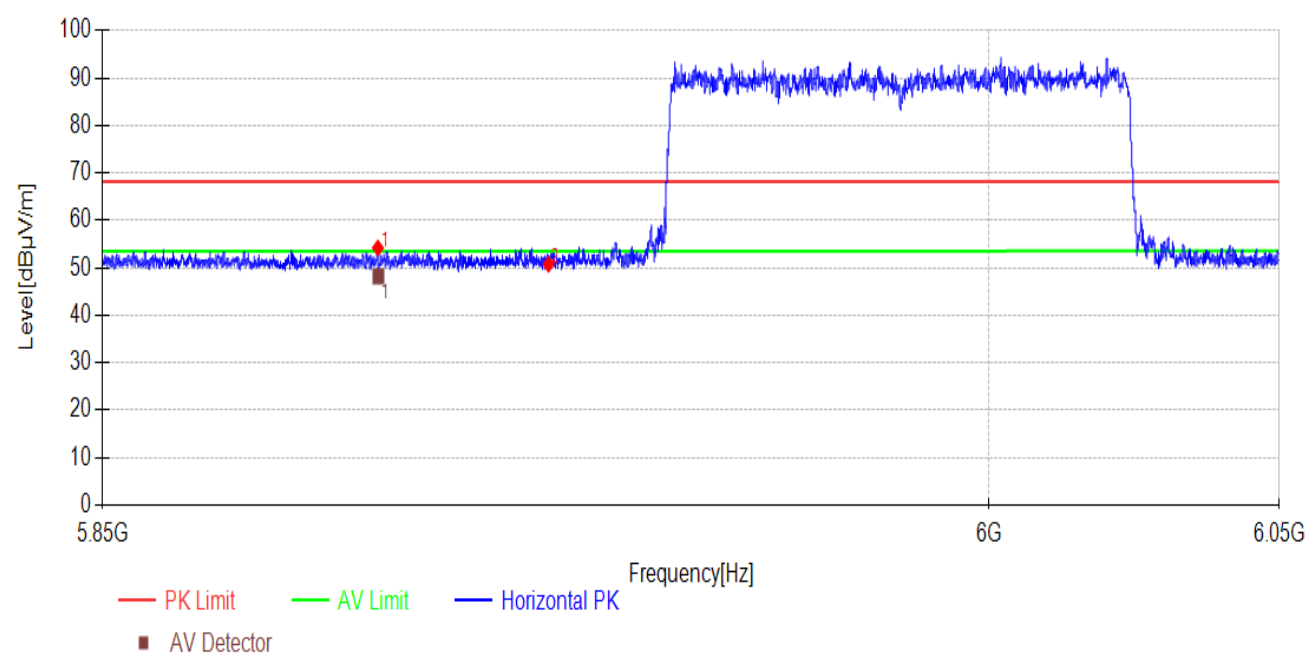
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5896.200	44.29	9.90	54.19	68.20	14.01	PK	Horizontal
2	5925.000	40.75	9.98	50.73	68.20	17.47	PK	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5896.200	38.18	9.90	48.08	54.0	5.92	AV	Horizontal

Note:

1. Level = Reading + Factor

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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX80 MIMO 5985MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

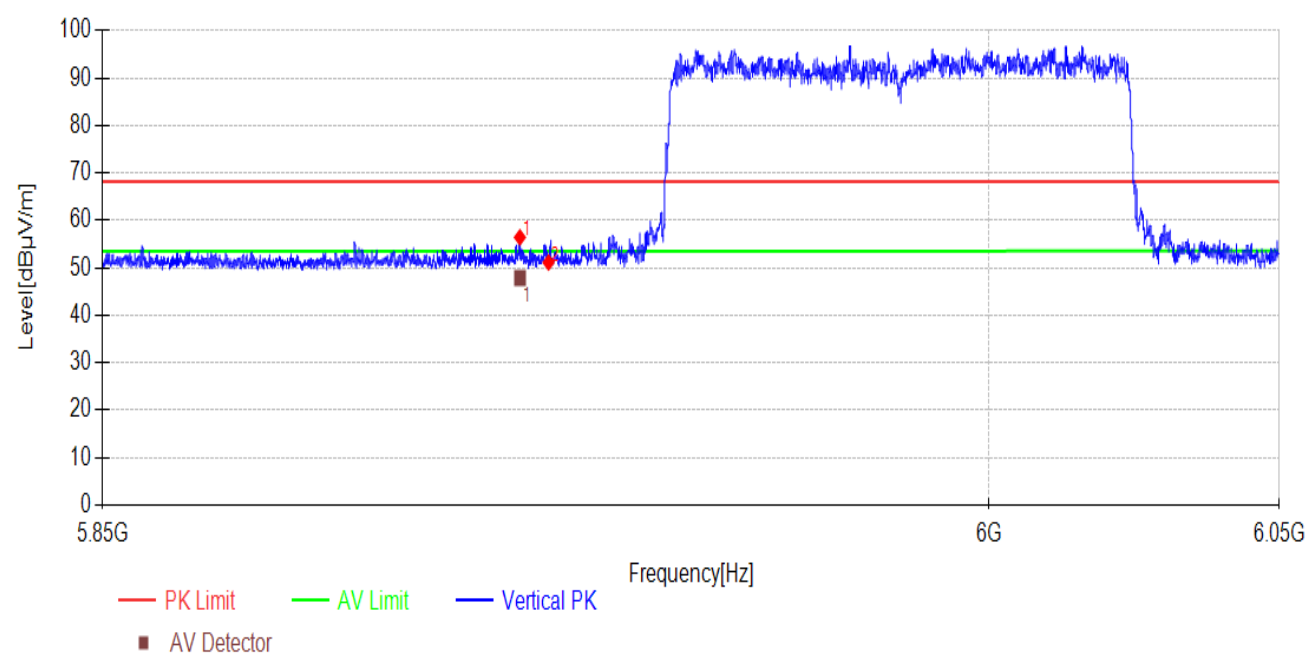
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5920.160	46.46	9.97	56.43	68.20	11.77	PK	Vertical
2	5925.000	41.15	9.98	51.13	68.20	17.07	PK	Vertical

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5920.160	37.69	9.97	47.66	54.0	6.34	AV	Vertical

Note:

1. Level = Reading + Factor

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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX80 MIMO 7025MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

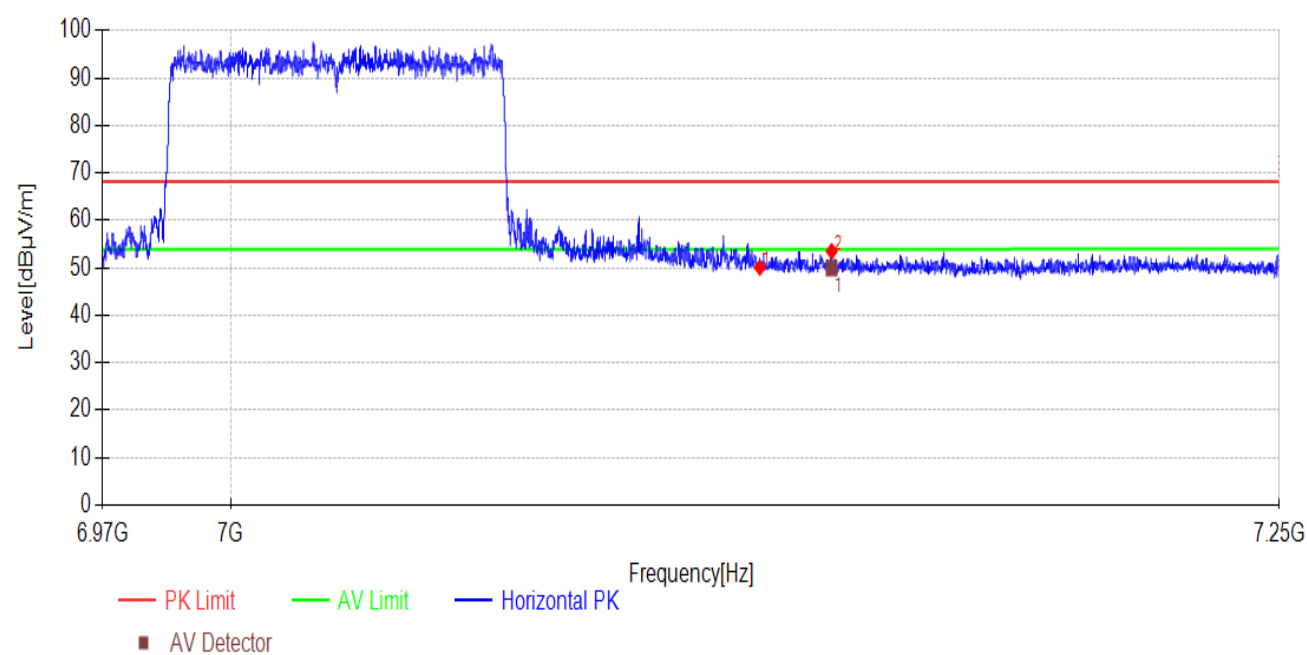
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	38.39	11.65	50.04	68.20	18.16	PK	Horizontal
2	7142.172	41.87	11.64	53.51	68.20	14.69	PK	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7142.172	38.11	11.64	49.75	54.0	4.25	AV	Horizontal

Note:

1. Level = Reading + Factor

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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX80 MIMO 7025MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

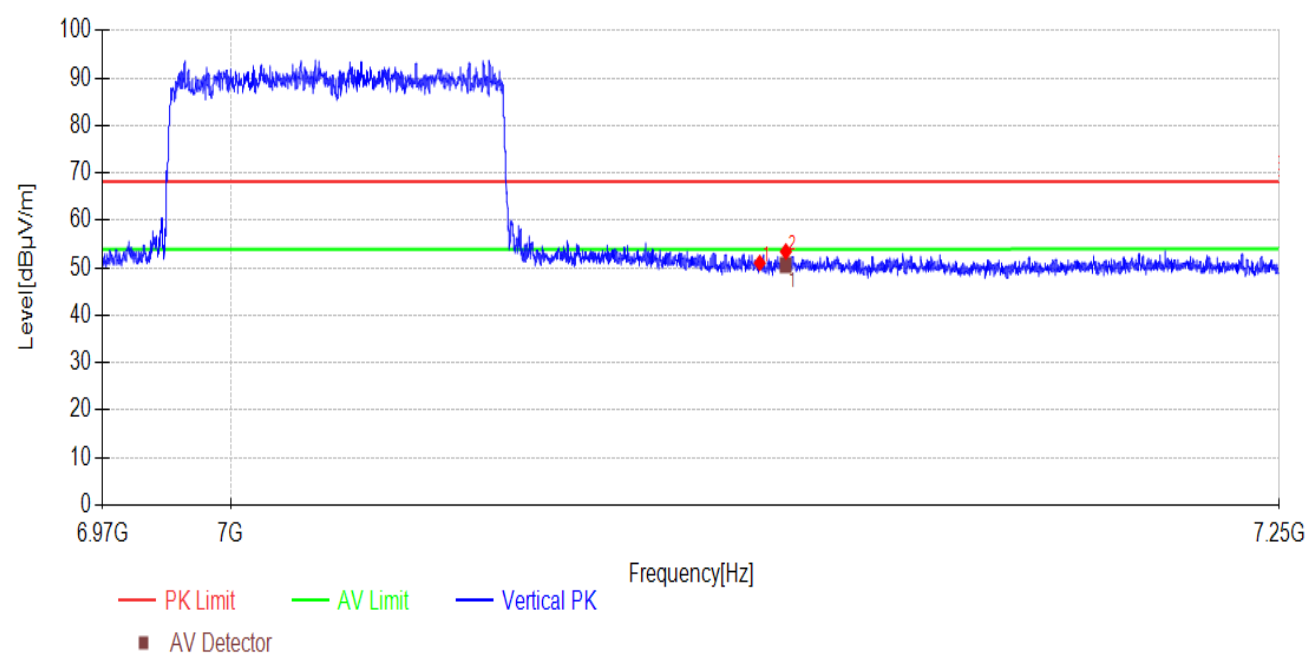
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	39.37	11.65	51.02	68.20	17.18	PK	Vertical
2	7131.224	41.80	11.64	53.44	68.20	14.76	PK	Vertical

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7131.224	38.91	11.64	50.55	54.0	3.45	AV	Vertical

Note:

- Level = Reading + Factor
- 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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6995MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

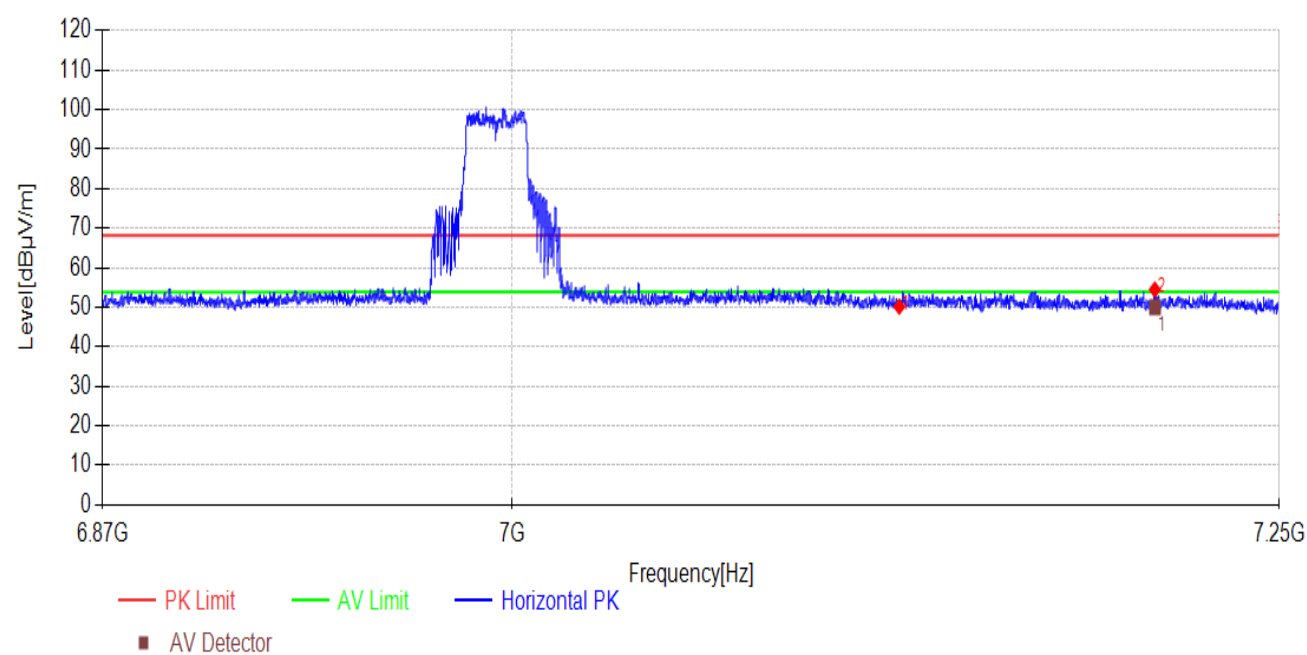
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	38.51	11.65	50.16	68.20	18.04	PK	Horizontal
2	7208.770	42.85	11.64	54.49	68.20	13.71	PK	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7208.770	38.16	11.64	49.80	54.0	4.20	AV	Horizontal

Note:

- Level = Reading + Factor
- 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:

2024-07-20

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6995MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

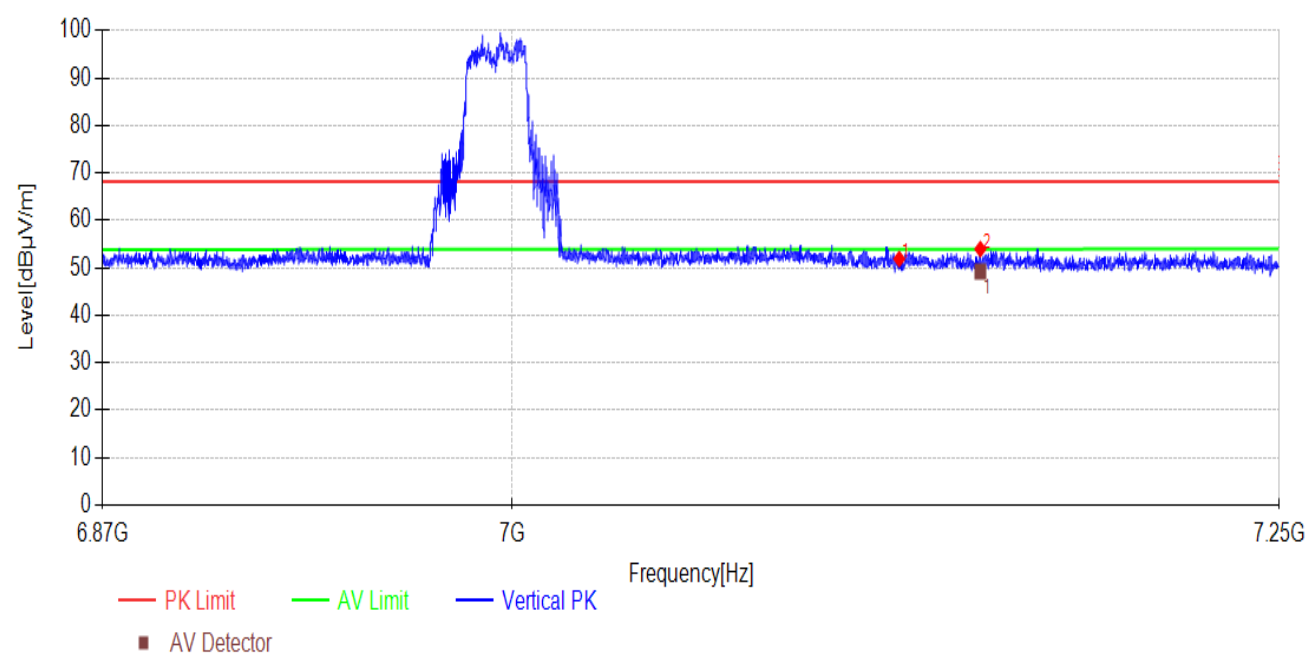
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	40.23	11.65	51.88	68.20	16.32	PK	Vertical
2	7151.466	42.31	11.64	53.95	68.20	14.25	PK	Vertical

Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7151.466	37.66	11.64	49.30	54.0	4.70	AV	Vertical

Note:

1. Level = Reading + Factor

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:

2024-07-23

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7095MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

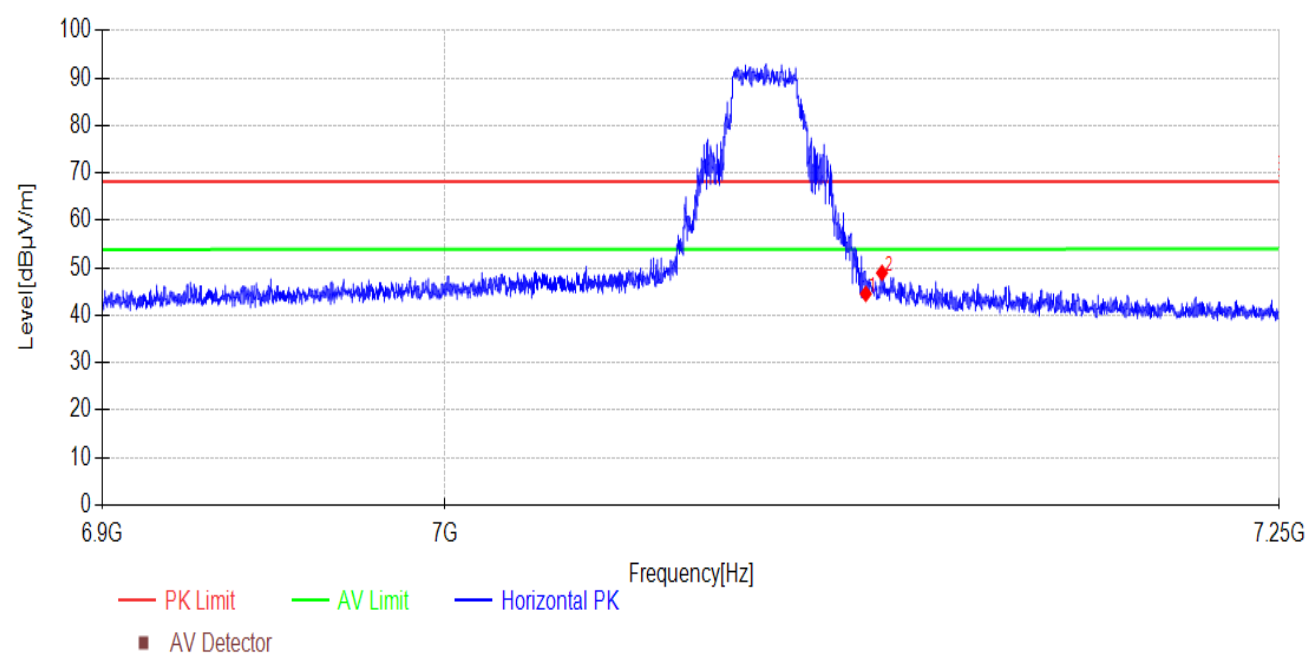
File Path:

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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	42.86	1.65	44.51	68.20	23.69	PK	Horizontal
2	7129.845	47.28	1.65	48.93	68.20	19.27	PK	Horizontal

Note:

1. Level = Reading + Factor

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:

2024-07-23

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 7095MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

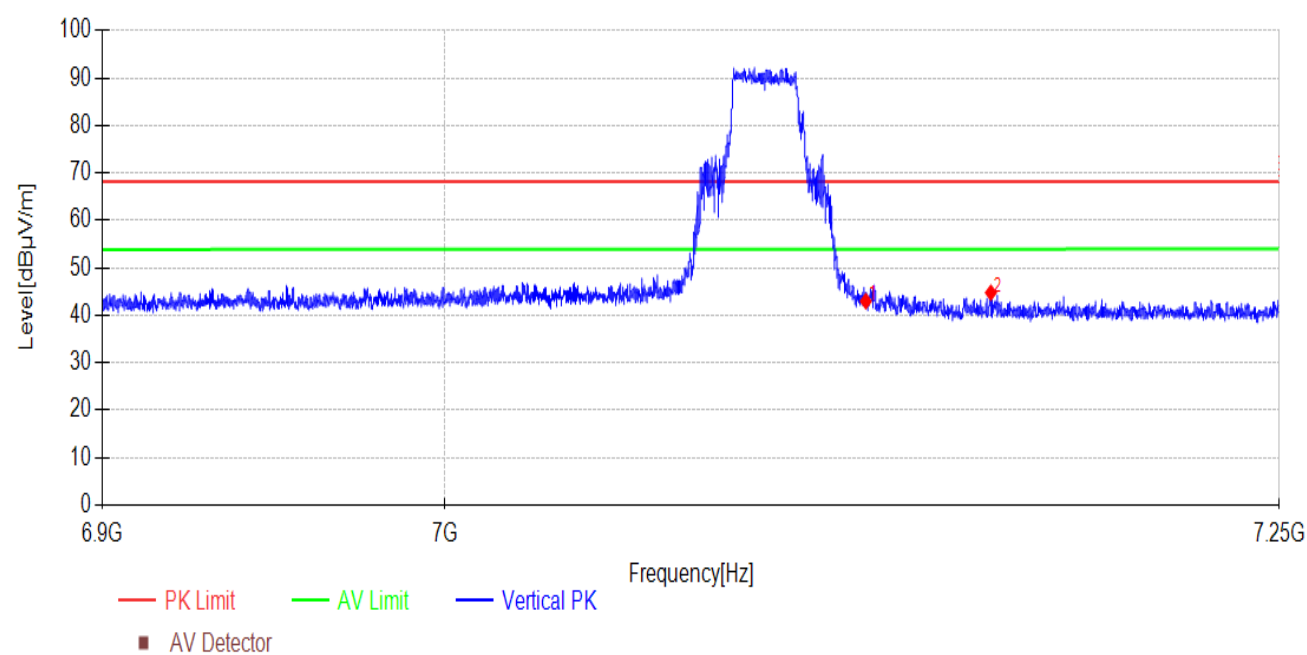
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Memo:

Sample Number:S24052405-001 Power Setting:14

Test Graph



Data List								
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor[dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	7125.000	41.31	1.65	42.96	68.20	25.24	PK	Vertical
2	7162.570	43.11	1.65	44.76	68.20	23.44	PK	Vertical

Note:

1. Level = Reading + Factor

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-02

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6515MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

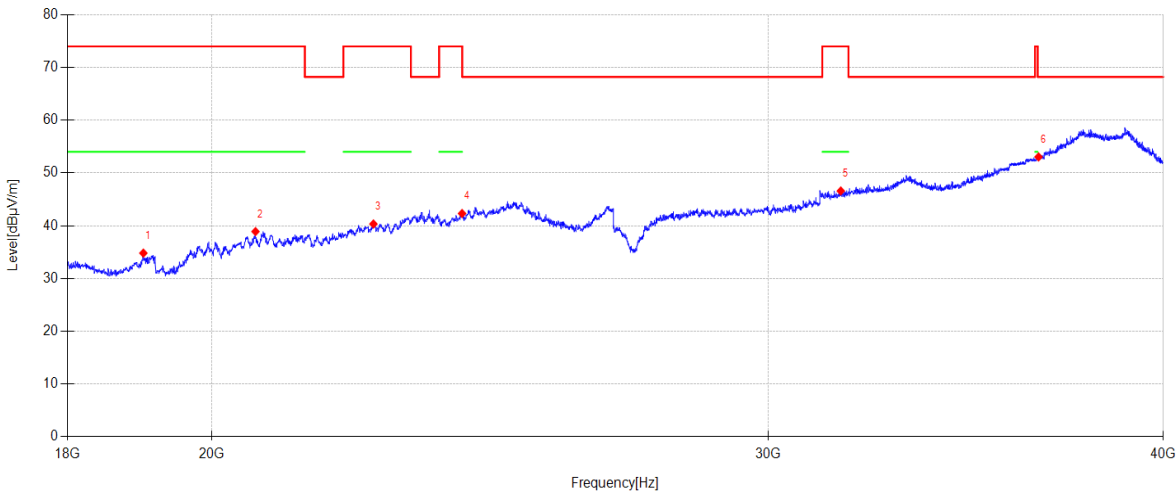
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Memo:

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	19025.200	27.08	38.50	9.77	-40.54	34.81	74.00	39.19	PK	Horizontal
2	20644.400	32.27	38.60	9.90	-41.87	38.90	74.00	35.10	PK	Horizontal
3	22496.800	32.81	39.59	10.88	-42.95	40.33	74.00	33.67	PK	Horizontal
4	23997.200	32.48	40.60	11.44	-42.20	42.32	74.00	31.68	PK	Horizontal
5	31622.400	31.58	42.06	12.66	-39.71	46.59	74.00	27.41	PK	Horizontal
6	36524.000	35.40	43.31	14.47	-40.14	53.04	68.20	15.16	PK	Horizontal

Note:

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

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

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

TR-4-E-009 Radiated Emission Test Result

Test Date:

2024-08-02

Tested By:

Genliu

EUT:

WIFI+BT Module

Model Number:

WXT2HM2001

Test Mode:

AX20 MIMO 6515MHz

Power Supply:

DC 3.3V

Condition:

Temp:24.5°C;Humi:47.4%

Test Site:

DDT 3# Chamber

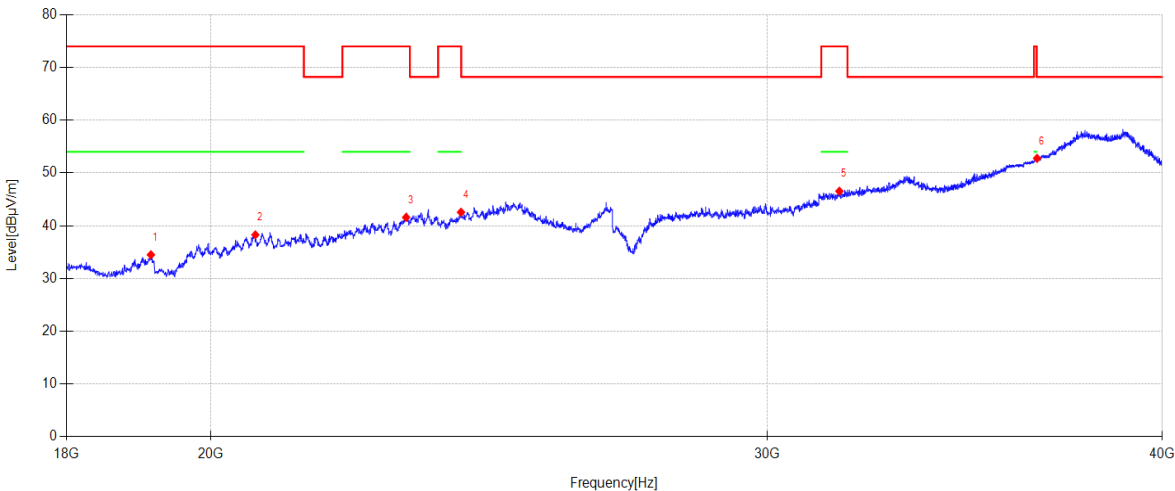
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Memo:

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	19144.000	26.92	38.51	9.78	-40.72	34.49	74.00	39.51	PK	Vertical
2	20657.600	31.64	38.60	9.90	-41.87	38.27	74.00	35.73	PK	Vertical
3	23055.600	32.92	40.41	11.02	-42.77	41.58	74.00	32.42	PK	Vertical
4	23997.200	32.72	40.60	11.44	-42.20	42.56	74.00	31.44	PK	Vertical
5	31613.600	31.54	42.05	12.66	-39.71	46.54	74.00	27.46	PK	Vertical
6	36510.800	35.12	43.31	14.47	-40.12	52.78	68.20	15.42	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.

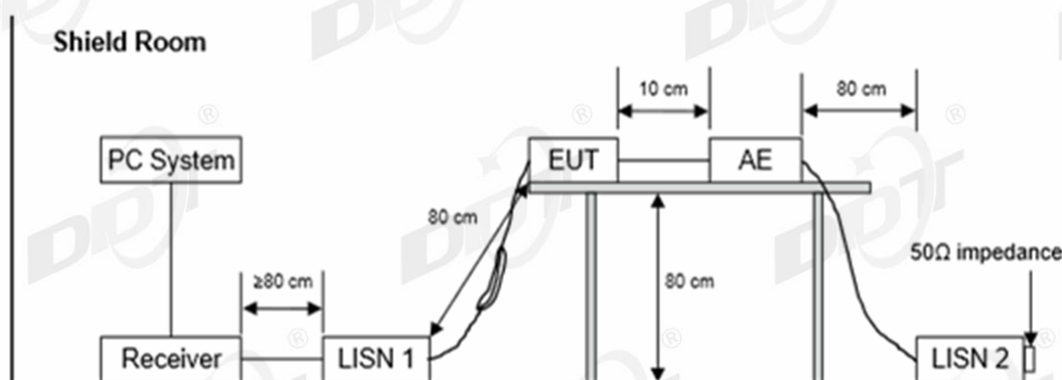
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

14.Power Line Conducted Emissions

14.1. Test equipment

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

14.2. Block diagram of test setup



14.3. Limits

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

Note 1: * Decreasing linearly with logarithm of frequency.

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

14.4. Assistant equipment used for test

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

14.5. 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.

14.6. 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.

14.7. Test data

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 6# Shield Room

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

Test Date : 2024-08-03

Tested By : Gen Liu

EUT : WIFI+BT Module

Model Number : WXT2HM2001

Power Supply : AC 120V/60Hz

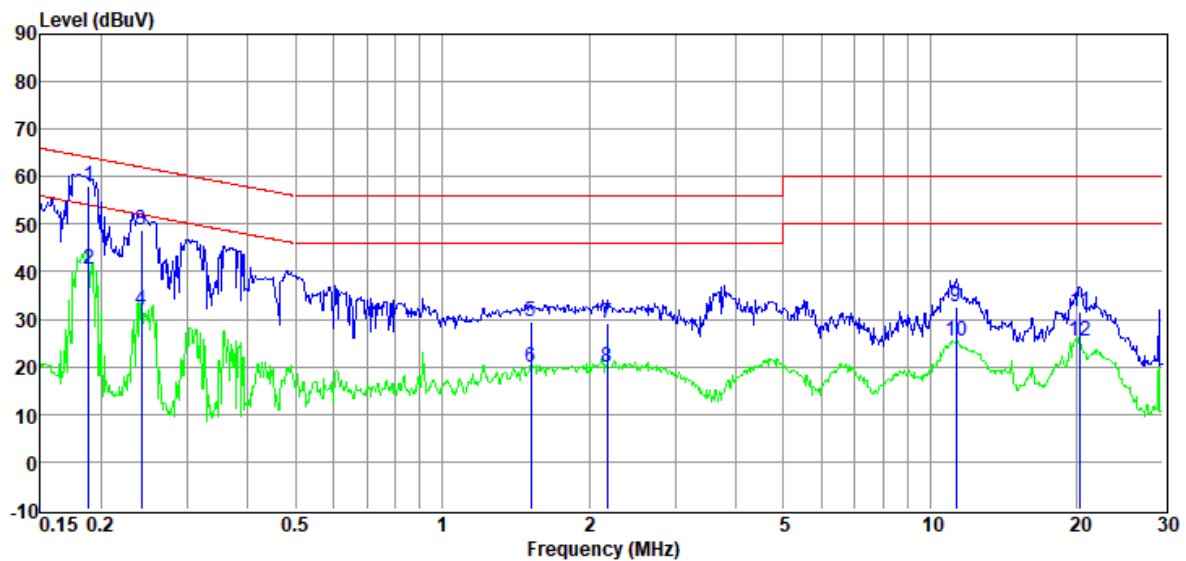
Test Mode : 6G WIFI mode

Condition : Temp:21.9°C,Humi:56.2%

LISN : 2023 ENV 216 3#/NEUTRAL

Memo :

Data: 18



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBμV)	Limit Line (dBμV)	Over Limit (dB)	Detector	Phase
1	0.19	37.94	9.89	0.11	9.94	57.88	64.11	-6.23	QP	NEUTRAL
2	0.19	20.72	9.89	0.11	9.94	40.66	54.11	-13.45	Average	NEUTRAL
3	0.24	29.01	9.83	0.11	9.95	48.90	62.04	-13.14	QP	NEUTRAL
4	0.24	11.90	9.83	0.11	9.95	31.79	52.04	-20.25	Average	NEUTRAL
5	1.52	9.13	10.03	0.26	9.98	29.40	56.00	-26.60	QP	NEUTRAL
6	1.52	-0.52	10.03	0.26	9.98	19.75	46.00	-26.25	Average	NEUTRAL
7	2.18	9.12	9.85	0.26	9.99	29.22	56.00	-26.78	QP	NEUTRAL
8	2.18	-0.12	9.85	0.26	9.99	19.98	46.00	-26.02	Average	NEUTRAL
9	11.32	12.40	9.72	0.29	10.05	32.46	60.00	-27.54	QP	NEUTRAL
10	11.32	5.20	9.72	0.29	10.05	25.26	50.00	-24.74	Average	NEUTRAL
11	20.27	11.08	9.93	0.34	10.08	31.43	60.00	-28.57	QP	NEUTRAL
12	20.27	5.00	9.93	0.34	10.08	25.35	50.00	-24.65	Average	NEUTRAL

Note: 1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.

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

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site

: DDT 6# Shield Room

Test Date

: 2024-08-03

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

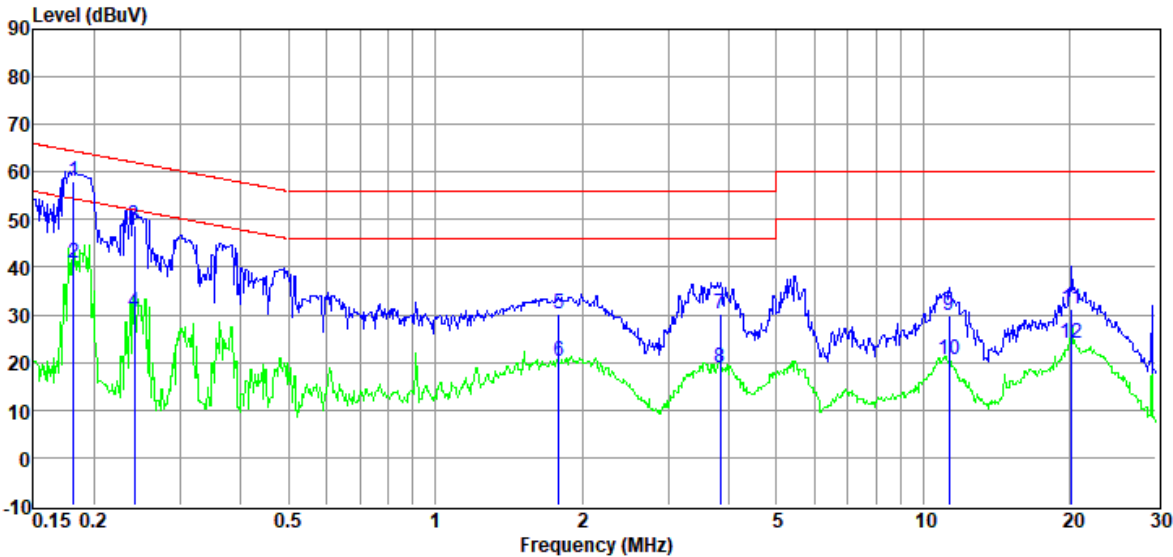
Test Mode

: 6G WIFI mode

LISN

: 2023 ENV 216 3#/LINE

Data: 20



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV)	(dBuV)	(dB)		
1	0.18	38.38	9.65	0.11	9.94	58.08	64.42	-6.34	QP	LINE
2	0.18	21.28	9.65	0.11	9.94	40.98	54.42	-13.44	Average	LINE
3	0.24	29.05	9.73	0.11	9.95	48.84	62.04	-13.20	QP	LINE
4	0.24	10.62	9.73	0.11	9.95	30.41	52.04	-21.63	Average	LINE
5	1.79	10.20	9.71	0.26	9.99	30.16	56.00	-25.84	QP	LINE
6	1.79	0.27	9.71	0.26	9.99	20.23	46.00	-25.77	Average	LINE
7	3.84	10.23	9.76	0.27	10.01	30.27	56.00	-25.73	QP	LINE
8	3.84	-1.09	9.76	0.27	10.01	18.95	46.00	-27.05	Average	LINE
9	11.32	9.88	9.60	0.29	10.05	29.82	60.00	-30.18	QP	LINE
10	11.32	0.65	9.60	0.29	10.05	20.59	50.00	-29.41	Average	LINE
11	20.16	10.88	9.84	0.34	10.08	31.14	60.00	-28.86	QP	LINE
12	20.16	3.87	9.84	0.34	10.08	24.13	50.00	-25.87	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.

16. Photos of the EUT

Please refer to DDT-Q24052405-1E appendix I

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