

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

30M-1G

WIFI2.4G- Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_16.16.19

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

Test Engineer: ZY

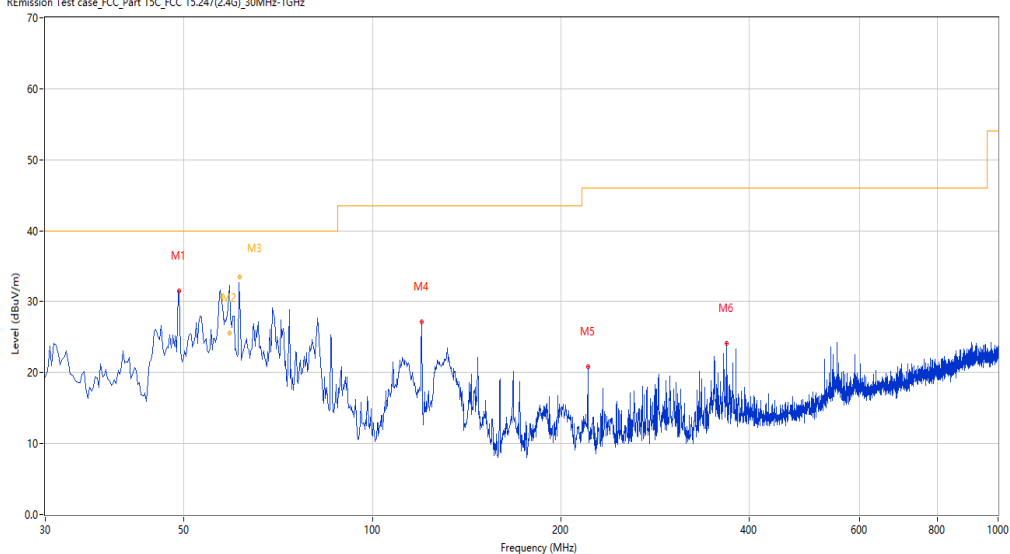
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02

R Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.153	31.51	-25.05	40.0	8.49	Peak	359.60	100	Horizontal	Pass
2	59.082	34.55	-26.06	40.0	5.45	Peak	22.40	114	Horizontal	Pass
2*	59.082	25.56	-26.06	40.0	14.44	QP	22.40	114	Horizontal	Pass
3	61.449	35.69	-26.60	40.0	4.31	Peak	0.30	112	Horizontal	Pass
3*	61.449	33.46	-26.60	40.0	6.54	QP	0.30	112	Horizontal	Pass
4	119.945	27.16	-28.31	43.5	16.34	Peak	179.10	100	Horizontal	Pass
5	221.042	20.82	-26.35	46.0	25.18	Peak	13.50	100	Horizontal	Pass
6	368.688	24.17	-21.86	46.0	21.83	Peak	264.60	100	Horizontal	Pass

WIFI2.4G-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_16.09.56

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

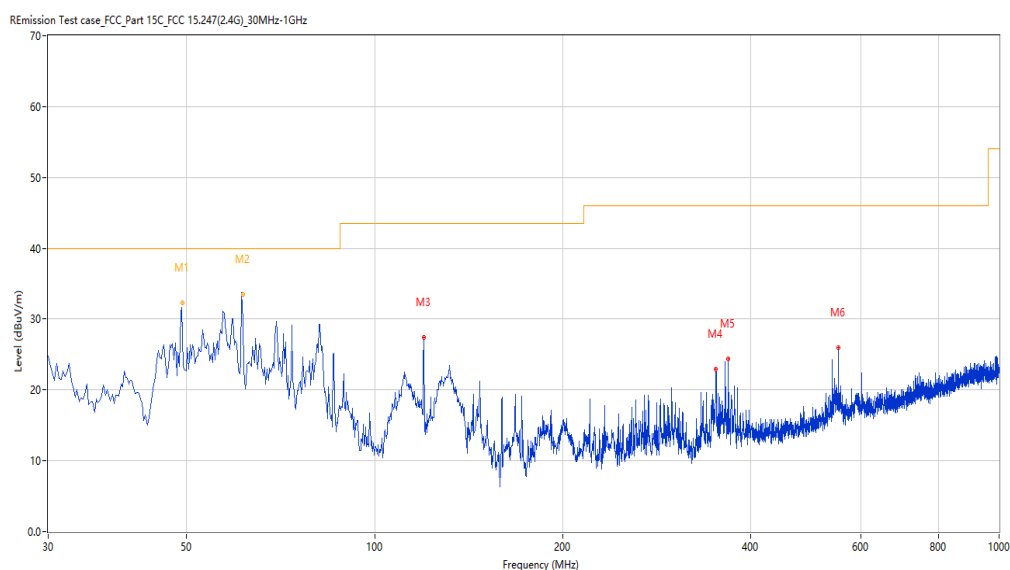
Work Addition: TX

Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02



No.	Frequen cy (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.170	35.31	-25.05	40.0	4.69	Peak	359.60	139	Vertical	Pass
1*	49.170	32.28	-25.05	40.0	7.72	QP	359.60	139	Vertical	Pass
2	61.462	35.83	-26.60	40.0	4.17	Peak	0.00	217	Vertical	Pass
2*	61.462	33.43	-26.60	40.0	6.57	QP	0.00	217	Vertical	Pass
3	119.945	27.46	-28.31	43.5	16.04	Peak	172.50	100	Vertical	Pass
4	352.202	22.94	-21.78	46.0	23.06	Peak	267.70	100	Vertical	Pass
5	368.688	24.42	-21.86	46.0	21.58	Peak	272.90	100	Vertical	Pass
6	553.184	25.95	-17.24	46.0	20.05	Peak	287.40	100	Vertical	Pass

1-18G

WIFI2.4G-B- Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.55.50

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

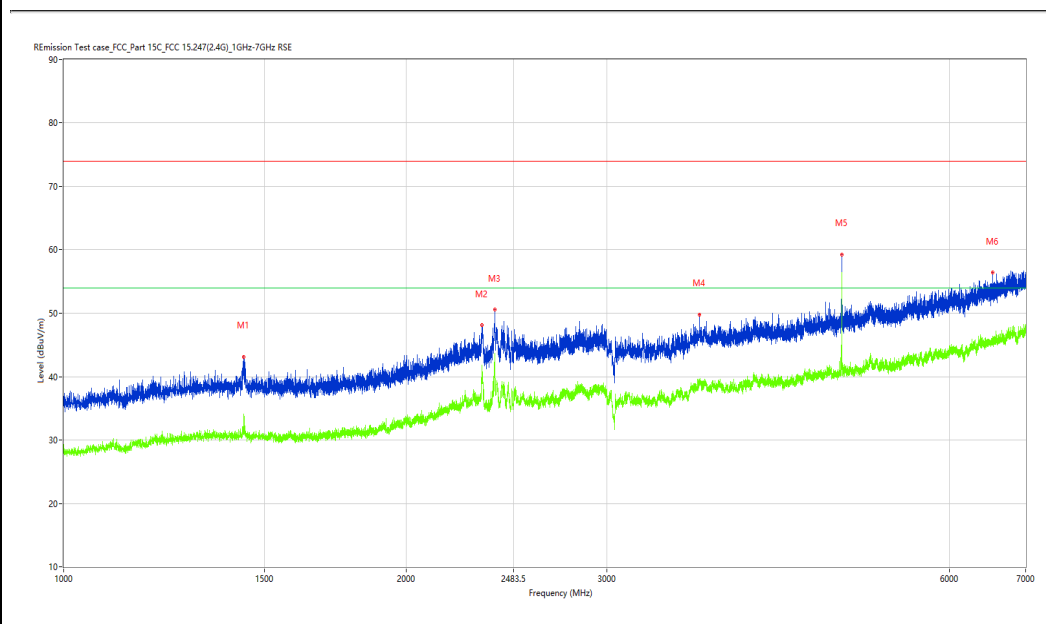
Work Addition: TX

Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.250	43.11	-12.72	74.0	30.89	Peak	259.00	100	Horizontal	Pass
1**	1439.250	32.90	-12.72	54.0	21.10	AV	259.00	100	Horizontal	Pass
2	2331.000	48.17	-8.09	74.0	25.83	Peak	120.60	100	Horizontal	Pass
2**	2331.000	41.84	-8.09	54.0	12.16	AV	120.60	100	Horizontal	Pass
3	2392.500	50.53	-4.16	74.0	23.47	Peak	120.60	100	Horizontal	Pass
3**	2392.500	43.41	-4.16	54.0	10.59	AV	120.60	100	Horizontal	Pass
4	3619.000	49.77	-1.73	74.0	24.23	Peak	142.70	100	Horizontal	Pass
4**	3619.000	39.56	-1.73	54.0	14.44	AV	142.70	100	Horizontal	Pass
5	4824.000	59.24	-0.33	74.0	14.76	Peak	158.70	100	Horizontal	Pass
5**	4824.000	56.46	-0.33	54.0	-2.46	AV	158.70	100	Horizontal	Fail
6	6550.500	56.40	4.19	74.0	17.60	Peak	31.40	100	Horizontal	Pass
6**	6550.500	44.93	4.19	54.0	9.07	AV	31.40	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.17.11

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

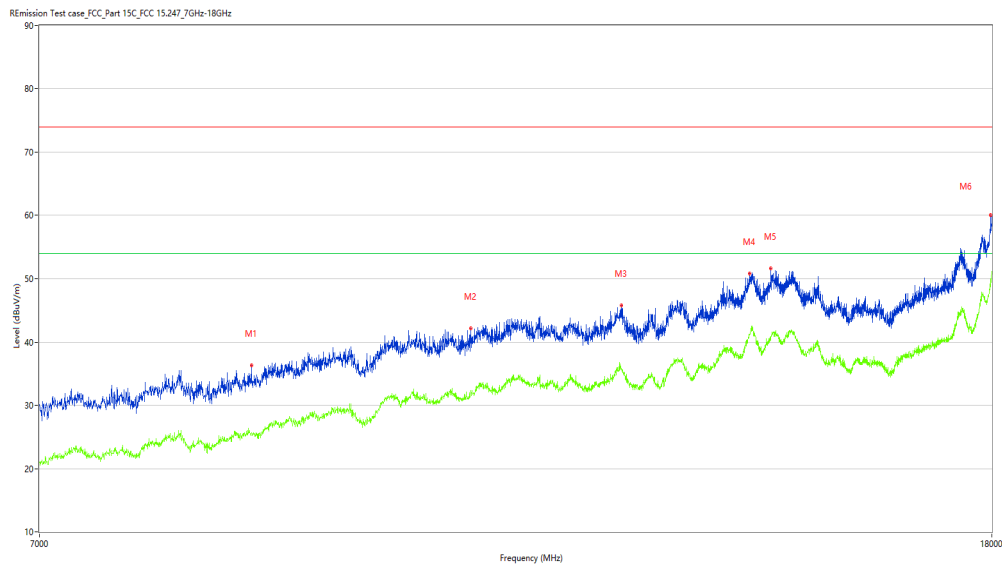
Work Addition: TX

Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8636.250	36.31	4.70	74.0	37.69	Peak	78.30	100	Horizontal	Pass
1**	8636.250	25.69	4.70	54.0	28.31	AV	78.30	100	Horizontal	Pass
2	10734.500	42.17	10.11	74.0	31.83	Peak	0.00	100	Horizontal	Pass
2**	10734.500	32.29	10.11	54.0	21.71	AV	0.00	100	Horizontal	Pass
3	12469.750	45.83	12.47	74.0	28.17	Peak	136.70	100	Horizontal	Pass
3**	12469.750	35.85	12.47	54.0	18.15	AV	136.70	100	Horizontal	Pass
4	14158.250	50.79	18.82	74.0	23.21	Peak	313.80	100	Horizontal	Pass
4**	14158.250	41.11	18.82	54.0	12.89	AV	313.80	100	Horizontal	Pass
5	14458.000	51.64	17.68	74.0	22.36	Peak	136.70	100	Horizontal	Pass
5**	14458.000	40.52	17.68	54.0	13.48	AV	136.70	100	Horizontal	Pass
6	17975.251	60.08	26.40	74.0	13.92	Peak	0.00	100	Horizontal	Pass
6**	17975.251	49.18	26.40	54.0	4.82	AV	0.00	100	Horizontal	Pass

WiFi2.4G-B-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.06.00

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

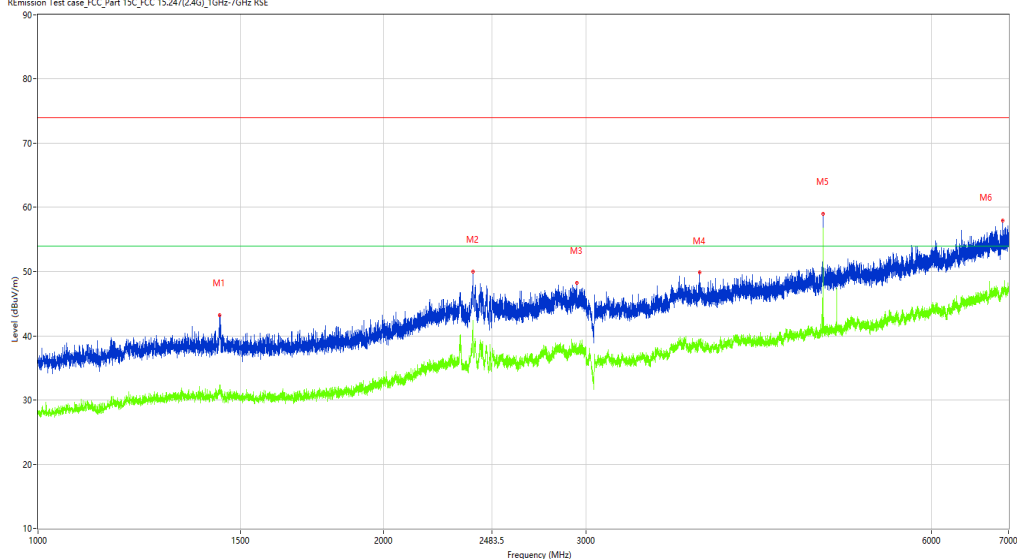
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

Emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.000	43.22	-12.73	74.0	30.78	Peak	358.10	100	Vertical	Pass
1**	1440.000	31.51	-12.73	54.0	22.49	AV	358.10	100	Vertical	Pass
2	2391.500	50.05	-4.92	74.0	23.95	Peak	82.30	100	Vertical	Pass
2**	2391.500	42.37	-4.92	54.0	11.63	AV	82.30	100	Vertical	Pass
3	2944.000	48.26	-3.88	74.0	25.74	Peak	222.50	100	Vertical	Pass
3**	2944.000	37.66	-3.88	54.0	16.34	AV	222.50	100	Vertical	Pass
4	3766.000	49.84	-1.79	74.0	24.16	Peak	195.20	100	Vertical	Pass
4**	3766.000	39.07	-1.79	54.0	14.93	AV	195.20	100	Vertical	Pass
5	4824.000	59.05	-0.33	74.0	14.95	Peak	145.70	100	Vertical	Pass
5**	4824.000	56.74	-0.33	54.0	-2.74	AV	145.70	100	Vertical	Fail
6	6919.000	57.90	5.06	74.0	16.10	Peak	288.60	100	Vertical	Pass
6**	6919.000	46.62	5.06	54.0	7.38	AV	288.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.15.14

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

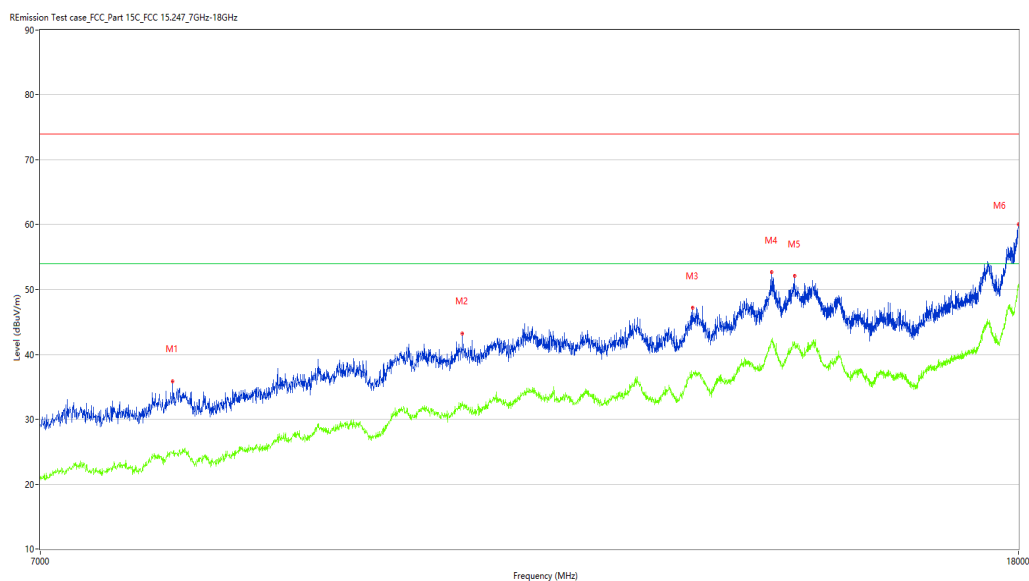
Work Addition: TX

Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7954.250	35.85	3.41	74.0	38.15	Peak	0.00	100	Vertical	Pass
1**	7954.250	24.74	3.41	54.0	29.26	AV	0.00	100	Vertical	Pass
2	10520.001	43.27	10.19	74.0	30.73	Peak	108.80	100	Vertical	Pass
2**	10520.001	32.15	10.19	54.0	21.85	AV	108.80	100	Vertical	Pass
3	13138.000	47.16	13.92	74.0	26.84	Peak	301.90	100	Vertical	Pass
3**	13138.000	36.81	13.92	54.0	17.19	AV	301.90	100	Vertical	Pass
4	14185.750	52.65	19.69	74.0	21.35	Peak	220.80	100	Vertical	Pass
4**	14185.750	41.91	19.69	54.0	12.09	AV	220.80	100	Vertical	Pass
5	14499.250	52.10	17.71	74.0	21.90	Peak	155.70	100	Vertical	Pass
5**	14499.250	41.82	17.71	54.0	12.18	AV	155.70	100	Vertical	Pass
6	17997.251	60.00	27.75	74.0	14.00	Peak	45.60	100	Vertical	Pass
6**	17997.251	50.40	27.75	54.0	3.60	AV	45.60	100	Vertical	Pass

WIFI2.4G-B-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.59.50

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

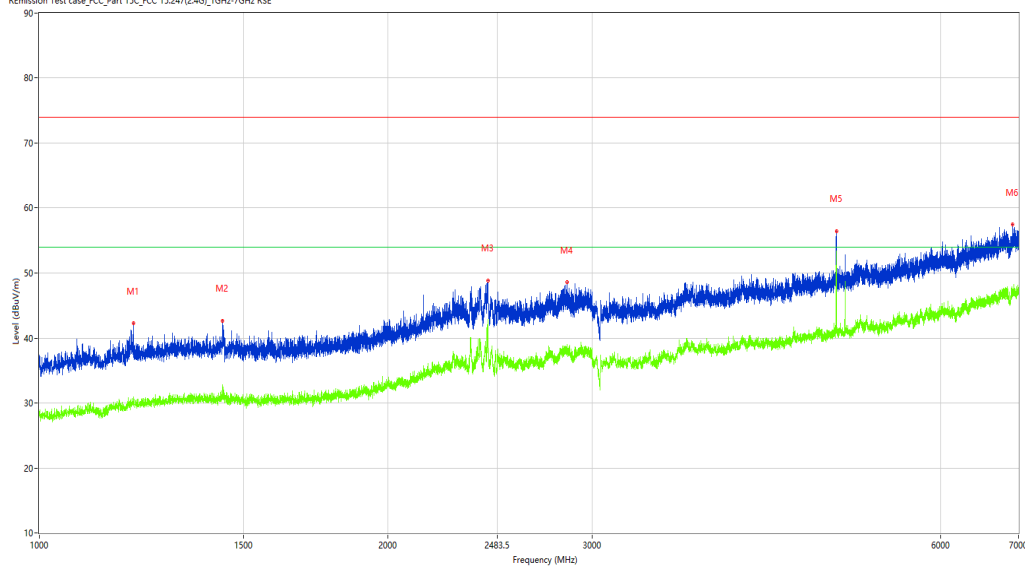
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

Emission Test case_FCC_Part 15C_FCC 15.247(Z.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.250	42.23	-13.59	74.0	31.77	Peak	199.20	100	Horizontal	Pass
1**	1205.250	29.59	-13.59	54.0	24.41	AV	199.20	100	Horizontal	Pass
2	1440.000	42.60	-12.73	74.0	31.40	Peak	0.00	100	Horizontal	Pass
2**	1440.000	32.47	-12.73	54.0	21.53	AV	0.00	100	Horizontal	Pass
3	2438.750	48.88	-5.13	74.0	25.12	Peak	78.60	100	Horizontal	Pass
3**	2438.750	42.49	-5.13	54.0	11.51	AV	78.60	100	Horizontal	Pass
4	2852.750	48.54	-3.85	74.0	25.46	Peak	214.50	100	Horizontal	Pass
4**	2852.750	38.06	-3.85	54.0	15.94	AV	214.50	100	Horizontal	Pass
5	4874.000	56.44	0.05	74.0	17.56	Peak	125.20	100	Horizontal	Pass
5**	4874.000	53.43	0.05	54.0	0.57	AV	125.20	100	Horizontal	Pass
6	6918.000	57.45	5.07	74.0	16.55	Peak	273.30	100	Horizontal	Pass
6**	6918.000	46.86	5.07	54.0	7.14	AV	273.30	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.19.09

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

Test Engineer: ZY

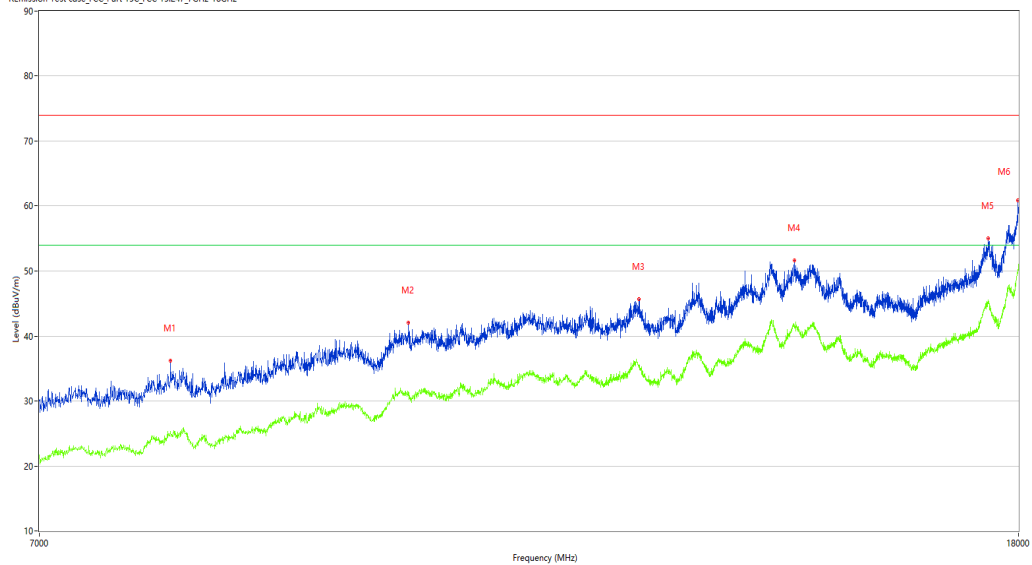
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7946.000	36.15	3.33	74.0	37.85	Peak	105.80	100	Horizontal	Pass
1**	7946.000	25.35	3.33	54.0	28.65	AV	105.80	100	Horizontal	Pass
2	9994.750	42.04	9.26	74.0	31.96	Peak	258.70	100	Horizontal	Pass
2**	9994.750	30.80	9.26	54.0	23.20	AV	258.70	100	Horizontal	Pass
3	12478.000	45.72	12.27	74.0	28.28	Peak	199.20	100	Horizontal	Pass
3**	12478.000	35.32	12.27	54.0	18.68	AV	199.20	100	Horizontal	Pass
4	14499.250	51.61	17.71	74.0	22.39	Peak	0.00	100	Horizontal	Pass
4**	14499.250	41.71	17.71	54.0	12.29	AV	0.00	100	Horizontal	Pass
5	17483.000	55.05	21.50	74.0	18.95	Peak	258.70	100	Horizontal	Pass
5**	17483.000	45.58	21.50	54.0	8.42	AV	258.70	100	Horizontal	Pass
6	17991.750	60.91	27.41	74.0	13.09	Peak	105.80	100	Horizontal	Pass
6**	17991.750	50.18	27.41	54.0	3.82	AV	105.80	100	Horizontal	Pass

WIFI2.4G-B-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.02.50

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

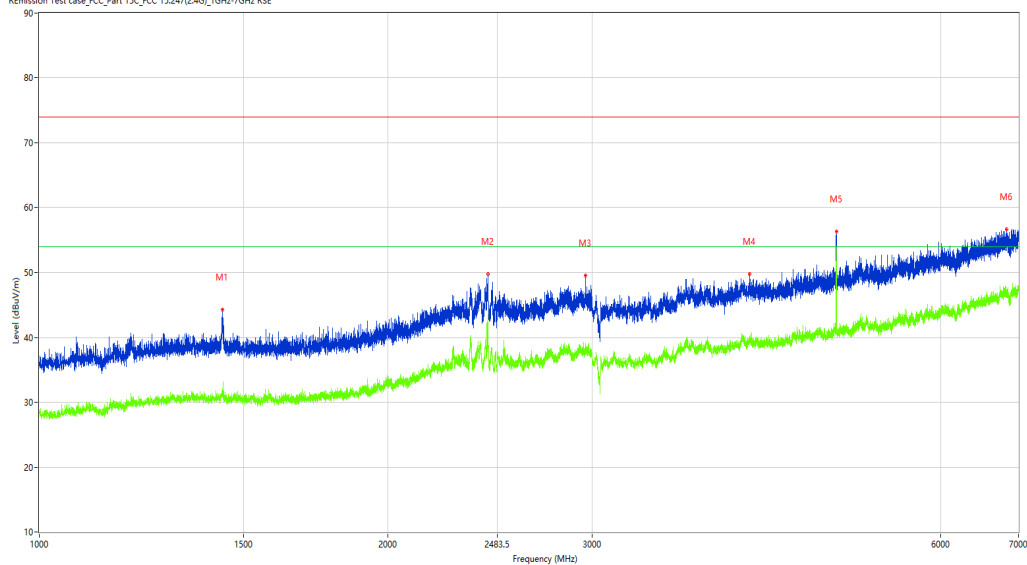
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.500	44.30	-12.72	74.0	29.70	Peak	283.90	100	Vertical	Pass
1**	1439.500	31.94	-12.72	54.0	22.06	AV	283.90	100	Vertical	Pass
2	2438.250	49.74	-5.12	74.0	24.26	Peak	78.60	100	Vertical	Pass
2**	2438.250	42.51	-5.12	54.0	11.49	AV	78.60	100	Vertical	Pass
3	2962.500	49.55	-3.39	74.0	24.45	Peak	61.50	100	Vertical	Pass
3**	2962.500	37.85	-3.39	54.0	16.15	AV	61.50	100	Vertical	Pass
4	4102.500	49.75	-0.90	74.0	24.25	Peak	189.60	100	Vertical	Pass
4**	4102.500	39.36	-0.90	54.0	14.64	AV	189.60	100	Vertical	Pass
5	4874.000	56.32	0.05	74.0	17.68	Peak	60.50	100	Vertical	Pass
5**	4874.000	53.82	0.05	54.0	0.18	AV	60.50	100	Vertical	Pass
6	6832.500	56.65	5.08	74.0	17.35	Peak	189.60	100	Vertical	Pass
6**	6832.500	46.94	5.08	54.0	7.06	AV	189.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.20.57

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

Test Engineer: ZY

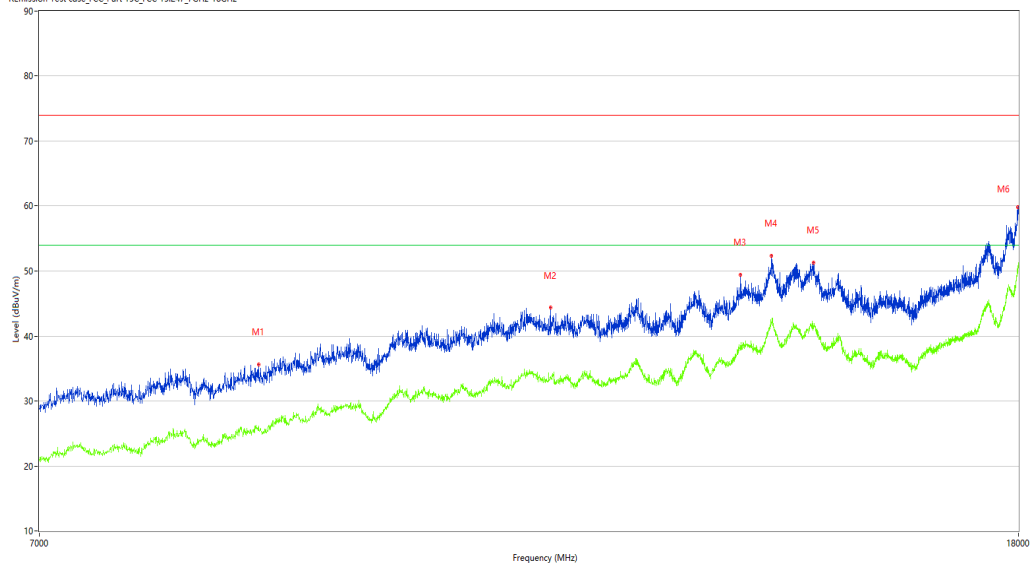
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8647.250	35.65	4.71	74.0	38.35	Peak	360.00	100	Vertical	Pass
1**	8647.250	26.14	4.71	54.0	27.86	AV	360.00	100	Vertical	Pass
2	11460.500	44.41	11.73	74.0	29.59	Peak	131.10	100	Vertical	Pass
2**	11460.500	33.45	11.73	54.0	20.55	AV	131.10	100	Vertical	Pass
3	13765.000	49.43	15.04	74.0	24.57	Peak	191.70	100	Vertical	Pass
3**	13765.000	38.07	15.04	54.0	15.93	AV	191.70	100	Vertical	Pass
4	14183.000	52.35	19.60	74.0	21.65	Peak	70.00	100	Vertical	Pass
4**	14183.000	41.76	19.60	54.0	12.24	AV	70.00	100	Vertical	Pass
5	14774.250	51.28	18.71	74.0	22.72	Peak	20.20	100	Vertical	Pass
5**	14774.250	41.61	18.71	54.0	12.39	AV	20.20	100	Vertical	Pass
6	17988.999	59.82	27.24	74.0	14.18	Peak	311.20	100	Vertical	Pass
6**	17988.999	50.37	27.24	54.0	3.63	AV	311.20	100	Vertical	Pass

WIFI2.4G-B-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.12.07

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

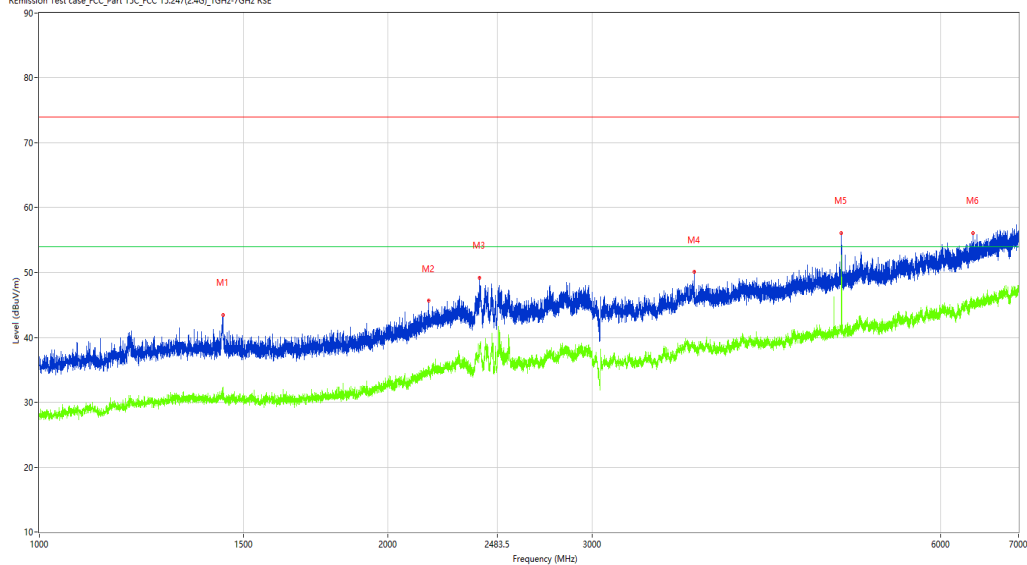
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.250	43.42	-12.73	74.0	30.58	Peak	311.80	100	Horizontal	Pass
1**	1440.250	32.32	-12.73	54.0	21.68	AV	311.80	100	Horizontal	Pass
2	2168.250	45.65	-8.49	74.0	28.35	Peak	345.00	100	Horizontal	Pass
2**	2168.250	34.70	-8.49	54.0	19.30	AV	345.00	100	Horizontal	Pass
3	2398.000	49.22	-4.34	74.0	24.78	Peak	357.10	100	Horizontal	Pass
3**	2398.000	38.70	-4.34	54.0	15.30	AV	357.10	100	Horizontal	Pass
4	3675.000	50.09	-1.88	74.0	23.91	Peak	6.10	100	Horizontal	Pass
4**	3675.000	37.75	-1.88	54.0	16.25	AV	6.10	100	Horizontal	Pass
5	4924.500	56.14	0.17	74.0	17.86	Peak	151.60	100	Horizontal	Pass
5**	4924.500	51.86	0.17	54.0	2.14	AV	151.60	100	Horizontal	Pass
6	6394.500	56.09	3.67	74.0	17.91	Peak	0.20	100	Horizontal	Pass
6**	6394.500	45.63	3.67	54.0	8.37	AV	0.20	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.25.20

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

Test Engineer: ZY

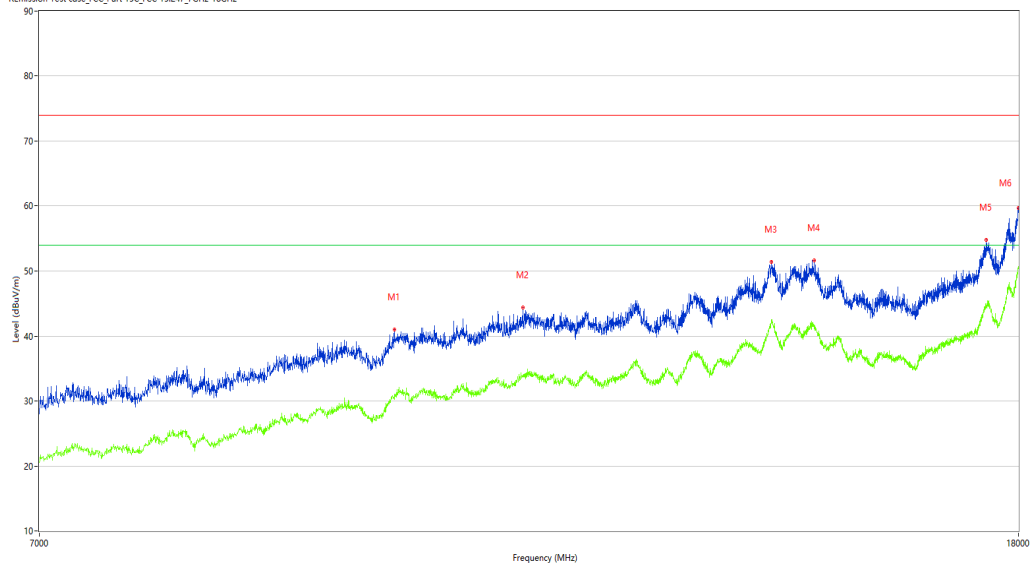
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9857.250	41.00	9.00	74.0	33.00	Peak	122.10	100	Horizontal	Pass
1**	9857.250	30.27	9.00	54.0	23.73	AV	122.10	100	Horizontal	Pass
2	11158.000	44.43	10.92	74.0	29.57	Peak	17.20	100	Horizontal	Pass
2**	11158.000	33.89	10.92	54.0	20.11	AV	17.20	100	Horizontal	Pass
3	14185.750	51.41	19.69	74.0	22.59	Peak	360.00	100	Horizontal	Pass
3**	14185.750	42.52	19.69	54.0	11.48	AV	360.00	100	Horizontal	Pass
4	14779.750	51.66	18.62	74.0	22.34	Peak	241.60	100	Horizontal	Pass
4**	14779.750	41.68	18.62	54.0	12.32	AV	241.60	100	Horizontal	Pass
5	17444.499	54.80	20.77	74.0	19.20	Peak	106.10	100	Horizontal	Pass
5**	17444.499	44.70	20.77	54.0	9.30	AV	106.10	100	Horizontal	Pass
6	17994.500	59.75	27.58	74.0	14.25	Peak	300.00	100	Horizontal	Pass
6**	17994.500	50.71	27.58	54.0	3.29	AV	300.00	100	Horizontal	Pass

WIFI2.4G-B-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.09.11

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

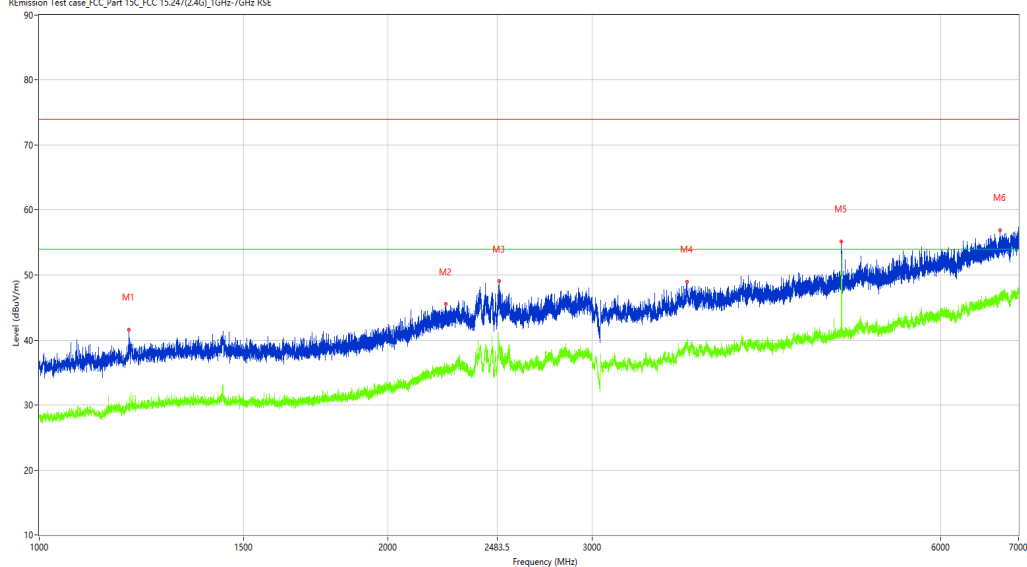
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	41.56	-13.47	74.0	32.44	Peak	193.50	100	Vertical	Pass
1**	1195.500	29.68	-13.47	54.0	24.32	AV	193.50	100	Vertical	Pass
2	2243.750	45.52	-7.86	74.0	28.48	Peak	359.20	100	Vertical	Pass
2**	2243.750	35.65	-7.86	54.0	18.35	AV	359.20	100	Vertical	Pass
3	2492.750	49.01	-6.17	74.0	24.99	Peak	163.80	100	Vertical	Pass
3**	2492.750	39.97	-6.17	54.0	14.03	AV	163.80	100	Vertical	Pass
4	3623.000	48.95	-1.62	74.0	25.05	Peak	360.00	100	Vertical	Pass
4**	3623.000	39.21	-1.62	54.0	14.79	AV	360.00	100	Vertical	Pass
5	4924.000	55.18	0.16	74.0	18.82	Peak	149.80	100	Vertical	Pass
5**	4924.000	53.10	0.16	54.0	0.90	AV	149.80	100	Vertical	Pass
6	6748.000	56.84	4.83	74.0	17.16	Peak	277.80	100	Vertical	Pass
6**	6748.000	46.58	4.83	54.0	7.42	AV	277.80	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.23.25

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

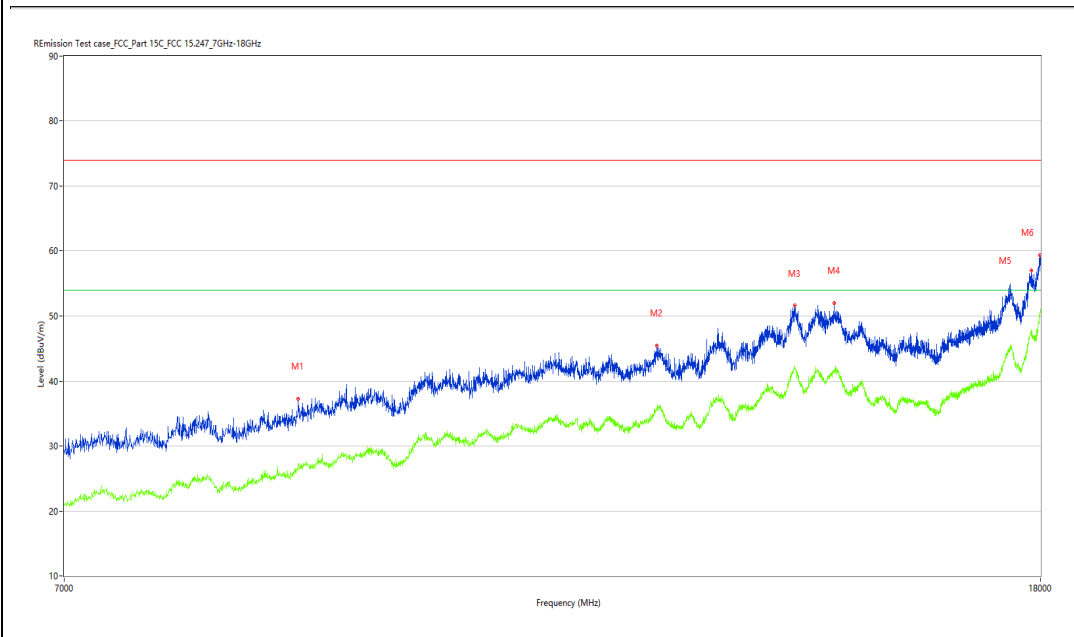
Work Addition: TX

Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8779.250	37.25	4.89	74.0	36.75	Peak	0.00	100	Vertical	Pass
1**	8779.250	27.26	4.89	54.0	26.74	AV	0.00	100	Vertical	Pass
2	12414.750	45.42	12.33	74.0	28.58	Peak	0.00	100	Vertical	Pass
2**	12414.750	35.55	12.33	54.0	18.45	AV	0.00	100	Vertical	Pass
3	14194.000	51.59	19.63	74.0	22.41	Peak	186.10	100	Vertical	Pass
3**	14194.000	41.96	19.63	54.0	12.04	AV	186.10	100	Vertical	Pass
4	14741.250	51.99	18.61	74.0	22.01	Peak	112.40	100	Vertical	Pass
4**	14741.250	41.53	18.61	54.0	12.47	AV	112.40	100	Vertical	Pass
5	17837.750	57.06	22.48	74.0	16.94	Peak	50.60	100	Vertical	Pass
5**	17837.750	47.72	22.48	54.0	6.28	AV	50.60	100	Vertical	Pass
6	17983.500	59.32	26.90	74.0	14.68	Peak	249.30	100	Vertical	Pass
6**	17983.500	50.63	26.90	54.0	3.37	AV	249.30	100	Vertical	Pass

WIFI2.4G-G-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.26.34

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

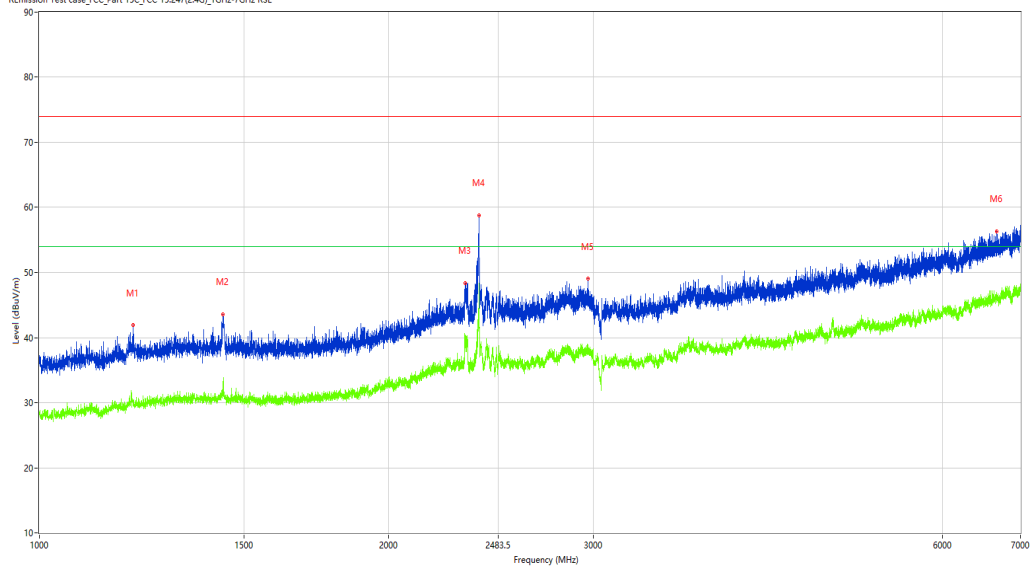
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(Z4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.000	41.88	-13.58	74.0	32.12	Peak	280.30	100	Horizontal	Pass
1**	1205.000	29.79	-13.58	54.0	24.21	AV	280.30	100	Horizontal	Pass
2	1439.500	43.58	-12.72	74.0	30.42	Peak	262.80	100	Horizontal	Pass
2**	1439.500	32.11	-12.72	54.0	21.89	AV	262.80	100	Horizontal	Pass
3	2325.750	48.35	-7.90	74.0	25.65	Peak	168.30	100	Horizontal	Pass
3**	2325.750	40.06	-7.90	54.0	13.94	AV	168.30	100	Horizontal	Pass
4	2392.250	58.80	-4.16	74.0	15.20	Peak	168.30	100	Horizontal	Pass
4**	2392.250	48.17	-4.16	54.0	5.83	AV	168.30	100	Horizontal	Pass
5	2967.000	49.01	-3.33	74.0	24.99	Peak	231.50	100	Horizontal	Pass
5**	2967.000	38.89	-3.33	54.0	15.11	AV	231.50	100	Horizontal	Pass
6	6676.000	56.33	4.51	74.0	17.67	Peak	92.90	100	Horizontal	Pass
6**	6676.000	45.91	4.51	54.0	8.09	AV	92.90	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.34.20

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

Test Engineer: ZY

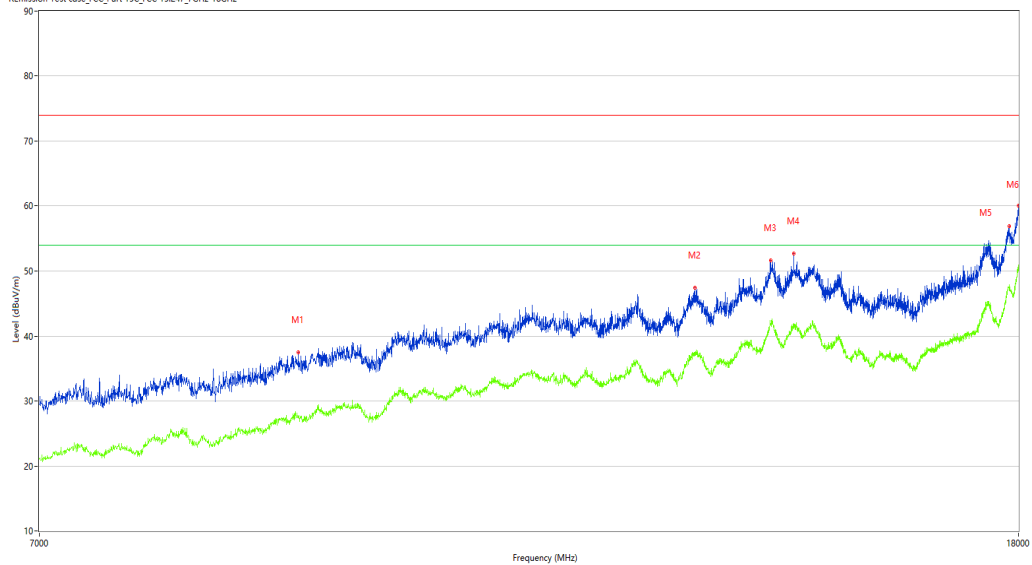
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8988.250	37.49	7.81	74.0	36.51	Peak	0.00	100	Horizontal	Pass
1**	8988.250	27.58	7.81	54.0	26.42	AV	0.00	100	Horizontal	Pass
2	13171.000	47.38	14.02	74.0	26.62	Peak	267.30	100	Horizontal	Pass
2**	13171.000	37.52	14.02	54.0	16.48	AV	267.30	100	Horizontal	Pass
3	14172.000	51.59	19.25	74.0	22.41	Peak	65.90	100	Horizontal	Pass
3**	14172.000	41.85	19.25	54.0	12.15	AV	65.90	100	Horizontal	Pass
4	14493.750	52.66	17.75	74.0	21.34	Peak	65.90	100	Horizontal	Pass
4**	14493.750	41.72	17.75	54.0	12.28	AV	65.90	100	Horizontal	Pass
5	17837.750	56.85	22.48	74.0	17.15	Peak	65.90	100	Horizontal	Pass
5**	17837.750	47.93	22.48	54.0	6.07	AV	65.90	100	Horizontal	Pass
6	17994.500	60.07	27.58	74.0	13.93	Peak	345.40	100	Horizontal	Pass
6**	17994.500	49.98	27.58	54.0	4.02	AV	345.40	100	Horizontal	Pass

WIFI2.4G-G-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.29.18

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

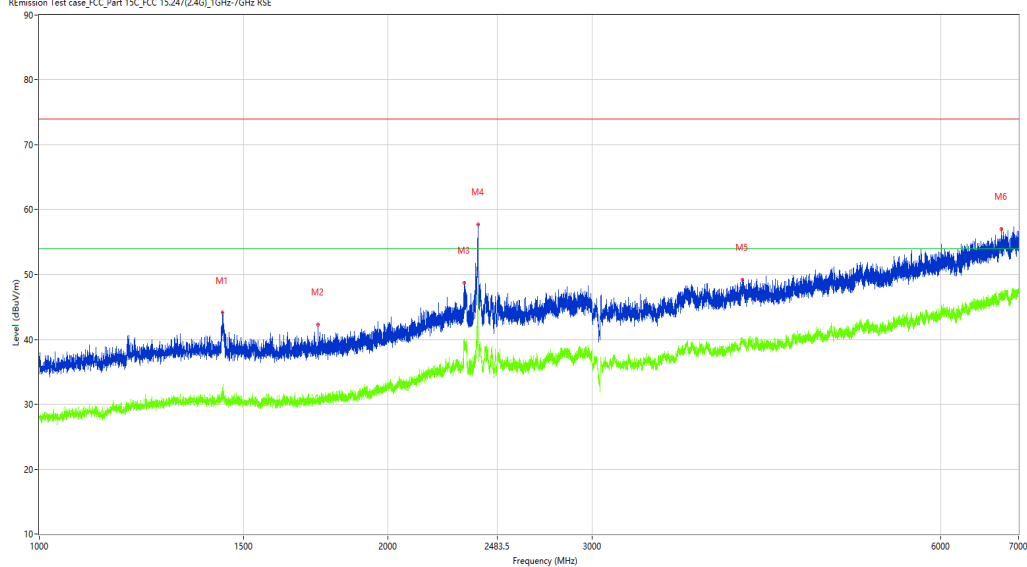
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.500	44.12	-12.72	74.0	29.88	Peak	269.90	100	Vertical	Pass
1**	1439.500	32.63	-12.72	54.0	21.37	AV	269.90	100	Vertical	Pass
2	1739.750	42.29	-12.56	74.0	31.71	Peak	356.20	100	Vertical	Pass
2**	1739.750	30.95	-12.56	54.0	23.05	AV	356.20	100	Vertical	Pass
3	2327.500	48.72	-7.98	74.0	25.28	Peak	130.00	100	Vertical	Pass
3**	2327.500	39.08	-7.98	54.0	14.92	AV	130.00	100	Vertical	Pass
4	2391.750	57.70	-4.53	74.0	16.30	Peak	130.00	100	Vertical	Pass
4**	2391.750	46.32	-4.53	54.0	7.68	AV	130.00	100	Vertical	Pass
5	4044.000	49.22	-0.89	74.0	24.78	Peak	302.00	100	Vertical	Pass
5**	4044.000	39.63	-0.89	54.0	14.37	AV	302.00	100	Vertical	Pass
6	6767.000	57.06	5.03	74.0	16.94	Peak	112.60	100	Vertical	Pass
6**	6767.000	47.54	5.03	54.0	6.46	AV	112.60	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.35.58

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

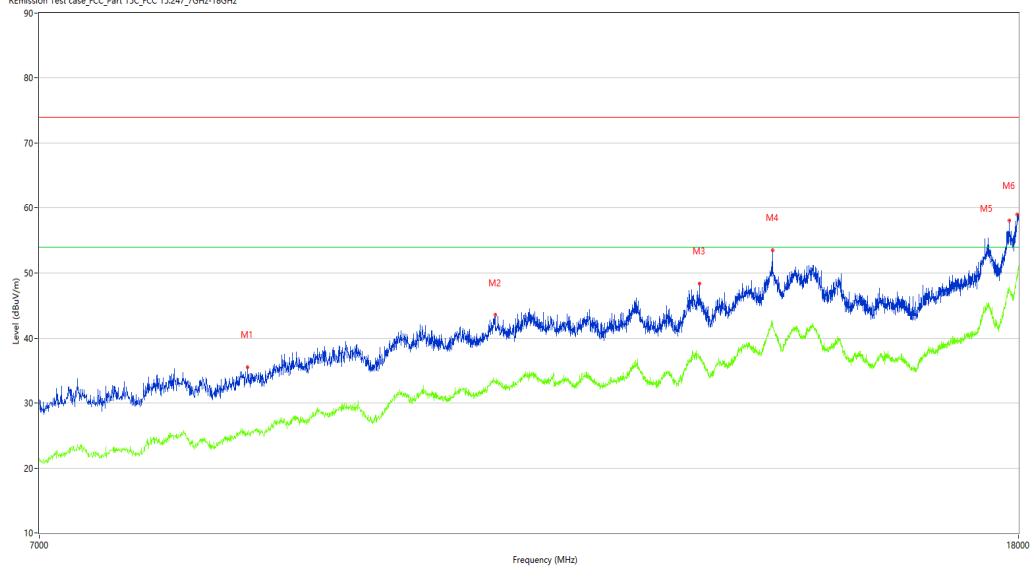
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8559.250	35.48	4.04	74.0	38.52	Peak	181.50	100	Vertical	Pass
1**	8559.250	25.51	4.04	54.0	28.49	AV	181.50	100	Vertical	Pass
2	10863.750	43.53	11.12	74.0	30.47	Peak	0.00	100	Vertical	Pass
2**	10863.750	33.11	11.12	54.0	20.89	AV	0.00	100	Vertical	Pass
3	13231.500	48.33	14.19	74.0	25.67	Peak	181.50	100	Vertical	Pass
3**	13231.500	37.13	14.19	54.0	16.87	AV	181.50	100	Vertical	Pass
4	14199.500	53.56	19.51	74.0	20.44	Peak	181.50	100	Vertical	Pass
4**	14199.500	41.87	19.51	54.0	12.13	AV	181.50	100	Vertical	Pass
5	17846.000	58.06	22.49	74.0	15.94	Peak	11.00	100	Vertical	Pass
5**	17846.000	47.51	22.49	54.0	6.49	AV	11.00	100	Vertical	Pass
6	17977.999	58.99	26.56	74.0	15.01	Peak	0.00	100	Vertical	Pass
6**	17977.999	49.60	26.56	54.0	4.40	AV	0.00	100	Vertical	Pass

WIFI2.4G-G-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.23.51

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

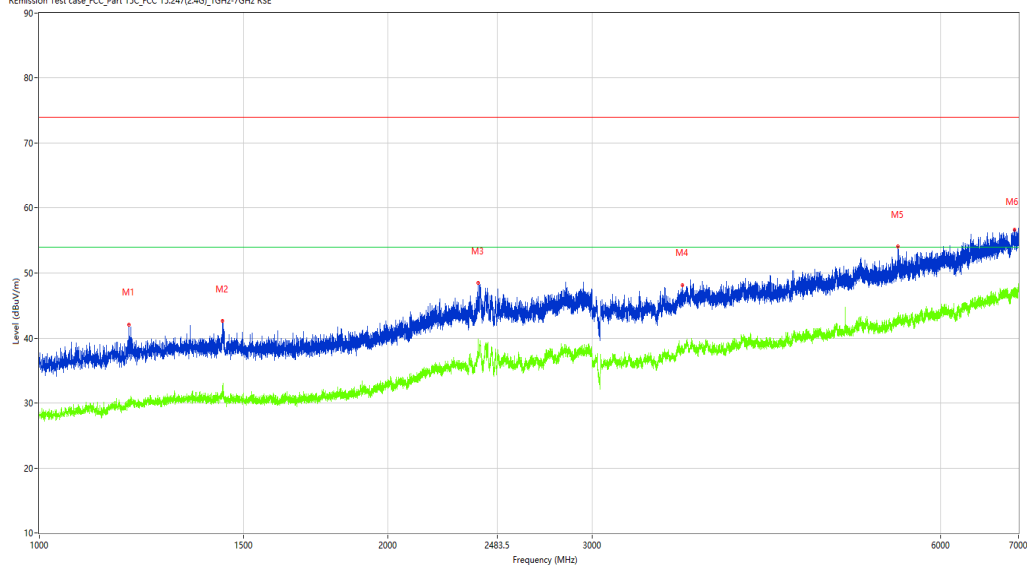
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.250	42.06	-13.47	74.0	31.94	Peak	197.30	100	Horizontal	Pass
1**	1195.250	29.87	-13.47	54.0	24.13	AV	197.30	100	Horizontal	Pass
2	1439.250	42.60	-12.72	74.0	31.40	Peak	0.00	100	Horizontal	Pass
2**	1439.250	31.95	-12.72	54.0	22.05	AV	0.00	100	Horizontal	Pass
3	2392.000	48.43	-4.15	74.0	25.57	Peak	339.00	100	Horizontal	Pass
3**	2392.000	39.84	-4.15	54.0	14.16	AV	339.00	100	Horizontal	Pass
4	3588.000	48.12	-2.41	74.0	25.88	Peak	161.00	100	Horizontal	Pass
4**	3588.000	37.63	-2.41	54.0	16.37	AV	161.00	100	Horizontal	Pass
5	5511.500	54.04	1.52	74.0	19.96	Peak	258.80	100	Horizontal	Pass
5**	5511.500	42.45	1.52	54.0	11.55	AV	258.80	100	Horizontal	Pass
6	6943.000	56.62	5.15	74.0	17.38	Peak	0.20	100	Horizontal	Pass
6**	6943.000	46.97	5.15	54.0	7.03	AV	0.20	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.32.46

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

Test Engineer: ZY

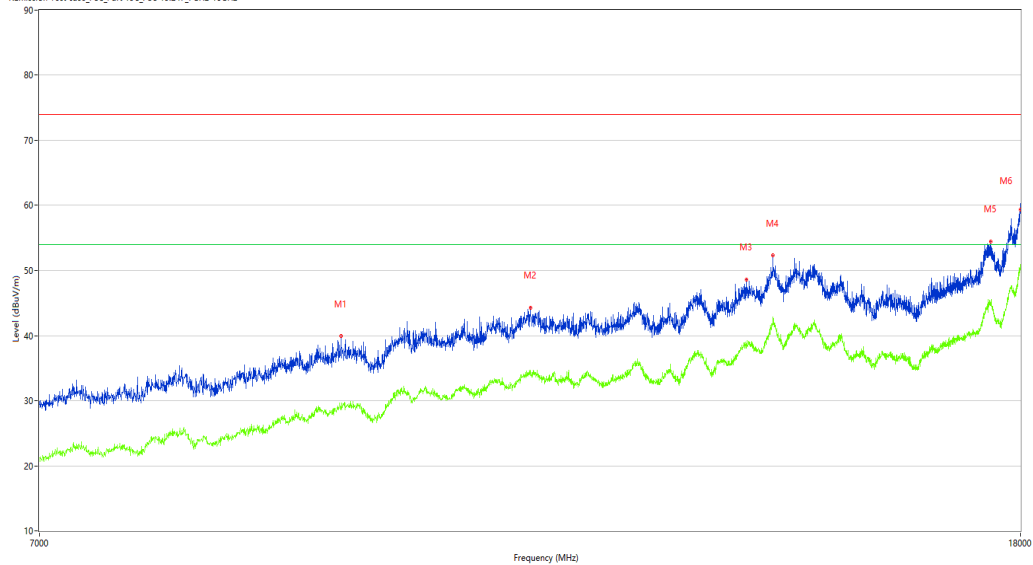
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247 /GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9359.500	39.91	7.55	74.0	34.09	Peak	175.80	100	Horizontal	Pass
1**	9359.500	29.05	7.55	54.0	24.95	AV	175.80	100	Horizontal	Pass
2	11232.250	44.28	11.66	74.0	29.72	Peak	0.40	100	Horizontal	Pass
2**	11232.250	34.63	11.66	54.0	19.37	AV	0.40	100	Horizontal	Pass
3	13831.000	48.64	15.11	74.0	25.36	Peak	51.80	100	Horizontal	Pass
3**	13831.000	38.71	15.11	54.0	15.29	AV	51.80	100	Horizontal	Pass
4	14183.000	52.30	19.60	74.0	21.70	Peak	113.20	100	Horizontal	Pass
4**	14183.000	42.83	19.60	54.0	11.17	AV	113.20	100	Horizontal	Pass
5	17488.501	54.42	21.46	74.0	19.58	Peak	312.40	100	Horizontal	Pass
5**	17488.501	44.60	21.46	54.0	9.40	AV	312.40	100	Horizontal	Pass
6	17997.251	59.35	27.75	74.0	14.65	Peak	175.80	100	Horizontal	Pass
6**	17997.251	50.77	27.75	54.0	3.23	AV	175.80	100	Horizontal	Pass

WIFI2.4G-G-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.21.09

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

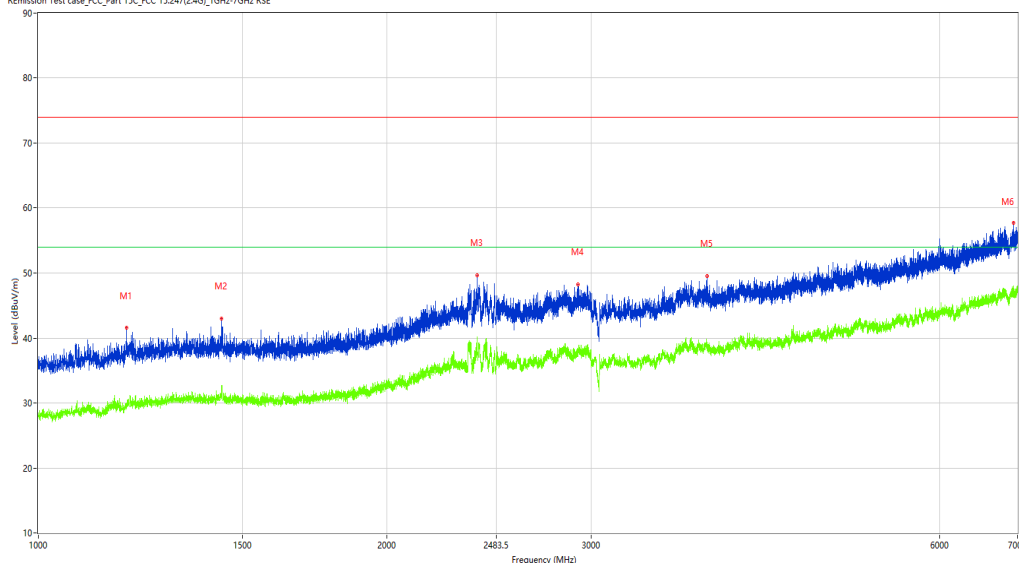
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1191.500	41.53	-13.52	74.0	32.47	Peak	76.00	100	Vertical	Pass
1**	1191.500	29.97	-13.52	54.0	24.03	AV	76.00	100	Vertical	Pass
2	1439.500	42.98	-12.72	74.0	31.02	Peak	0.00	100	Vertical	Pass
2**	1439.500	32.62	-12.72	54.0	21.38	AV	0.00	100	Vertical	Pass
3	2392.000	49.66	-4.15	74.0	24.34	Peak	289.20	100	Vertical	Pass
3**	2392.000	39.65	-4.15	54.0	14.35	AV	289.20	100	Vertical	Pass
4	2923.750	48.30	-4.20	74.0	25.70	Peak	169.70	100	Vertical	Pass
4**	2923.750	37.94	-4.20	54.0	16.06	AV	169.70	100	Vertical	Pass
5	3778.500	49.59	-1.95	74.0	24.41	Peak	219.40	100	Vertical	Pass
5**	3778.500	38.52	-1.95	54.0	15.48	AV	219.40	100	Vertical	Pass
6	6942.000	57.71	5.15	74.0	16.29	Peak	251.00	100	Vertical	Pass
6**	6942.000	47.27	5.15	54.0	6.73	AV	251.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.30.56

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

Test Engineer: ZY

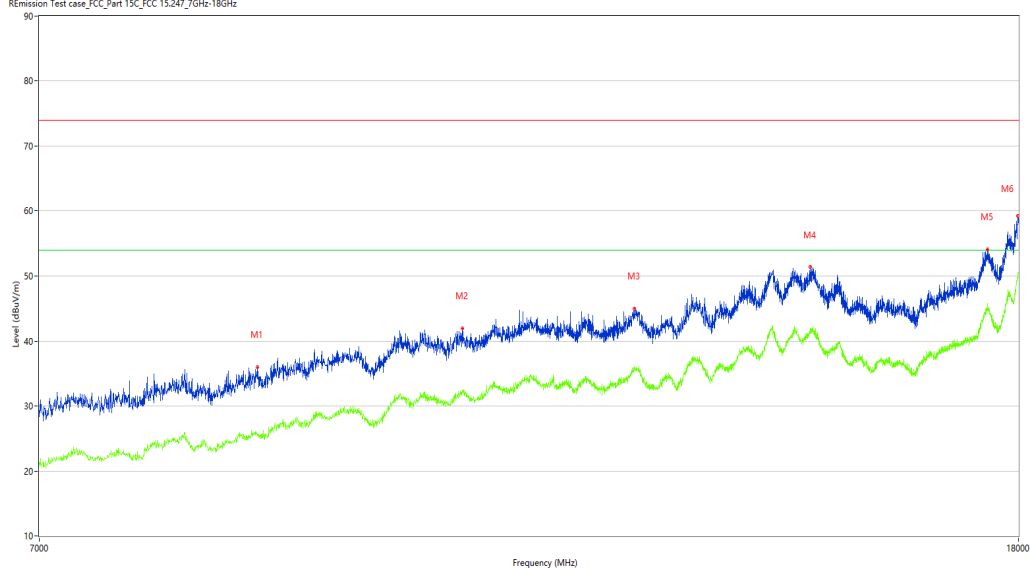
Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8636.250	35.97	4.70	74.0	38.03	Peak	0.00	100	Vertical	Pass
1**	8636.250	25.44	4.70	54.0	28.56	AV	0.00	100	Vertical	Pass
2	10528.250	41.94	10.25	74.0	32.06	Peak	326.20	100	Vertical	Pass
2**	10528.250	32.34	10.25	54.0	21.66	AV	326.20	100	Vertical	Pass
3	12428.500	44.99	12.40	74.0	29.01	Peak	0.00	100	Vertical	Pass
3**	12428.500	35.83	12.40	54.0	18.17	AV	0.00	100	Vertical	Pass
4	14722.000	51.36	18.38	74.0	22.64	Peak	46.50	100	Vertical	Pass
4**	14722.000	41.55	18.38	54.0	12.45	AV	46.50	100	Vertical	Pass
5	17474.750	54.07	21.34	74.0	19.93	Peak	326.20	100	Vertical	Pass
5**	17474.750	44.92	21.34	54.0	9.08	AV	326.20	100	Vertical	Pass
6	17991.750	59.27	27.41	74.0	14.73	Peak	46.50	100	Vertical	Pass
6**	17991.750	50.51	27.41	54.0	3.49	AV	46.50	100	Vertical	Pass

WIFI2.4G-G-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.15.22

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

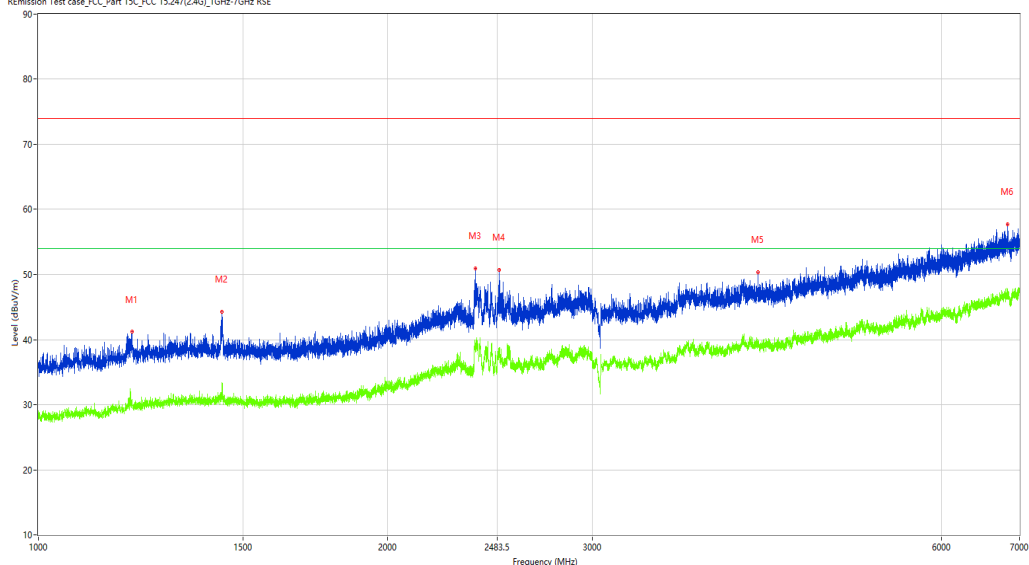
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(Z4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1203.750	41.18	-13.57	74.0	32.82	Peak	194.30	100	Horizontal	Pass
1**	1203.750	29.88	-13.57	54.0	24.12	AV	194.30	100	Horizontal	Pass
2	1439.250	44.26	-12.72	74.0	29.74	Peak	272.10	100	Horizontal	Pass
2**	1439.250	32.06	-12.72	54.0	21.94	AV	272.10	100	Horizontal	Pass
3	2380.250	50.93	-7.47	74.0	23.07	Peak	302.20	100	Horizontal	Pass
3**	2380.250	38.58	-7.47	54.0	15.42	AV	302.20	100	Horizontal	Pass
4	2495.000	50.70	-6.20	74.0	23.30	Peak	302.20	100	Horizontal	Pass
4**	2495.000	37.44	-6.20	54.0	16.56	AV	302.20	100	Horizontal	Pass
5	4168.000	50.37	-1.41	74.0	23.63	Peak	94.40	100	Horizontal	Pass
5**	4168.000	39.48	-1.41	54.0	14.52	AV	94.40	100	Horizontal	Pass
6	6834.500	57.74	5.08	74.0	16.26	Peak	239.10	100	Horizontal	Pass
6**	6834.500	47.43	5.08	54.0	6.57	AV	239.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.27.17

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

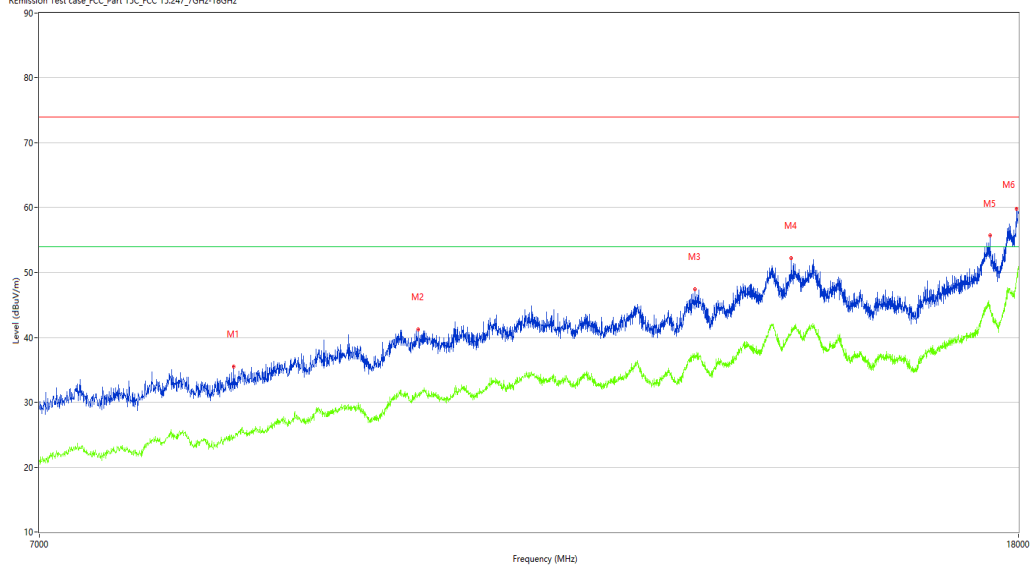
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: D DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8441.000	35.52	3.72	74.0	38.48	Peak	228.40	100	Horizontal	Pass
1**	8441.000	24.84	3.72	54.0	29.16	AV	228.40	100	Horizontal	Pass
2	10088.250	41.28	9.42	74.0	32.72	Peak	290.50	100	Horizontal	Pass
2**	10088.250	31.09	9.42	54.0	22.91	AV	290.50	100	Horizontal	Pass
3	13176.500	47.41	14.03	74.0	26.59	Peak	290.50	100	Horizontal	Pass
3**	13176.500	37.07	14.03	54.0	16.93	AV	290.50	100	Horizontal	Pass
4	14455.250	52.24	17.65	74.0	21.76	Peak	108.90	100	Horizontal	Pass
4**	14455.250	41.25	17.65	54.0	12.75	AV	108.90	100	Horizontal	Pass
5	17518.750	55.75	20.76	74.0	18.25	Peak	290.50	100	Horizontal	Pass
5**	17518.750	44.08	20.76	54.0	9.92	AV	290.50	100	Horizontal	Pass
6	17967.000	59.77	25.89	74.0	14.23	Peak	0.00	100	Horizontal	Pass
6**	17967.000	49.22	25.89	54.0	4.78	AV	0.00	100	Horizontal	Pass

WIFI2.4G-G-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.18.05

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

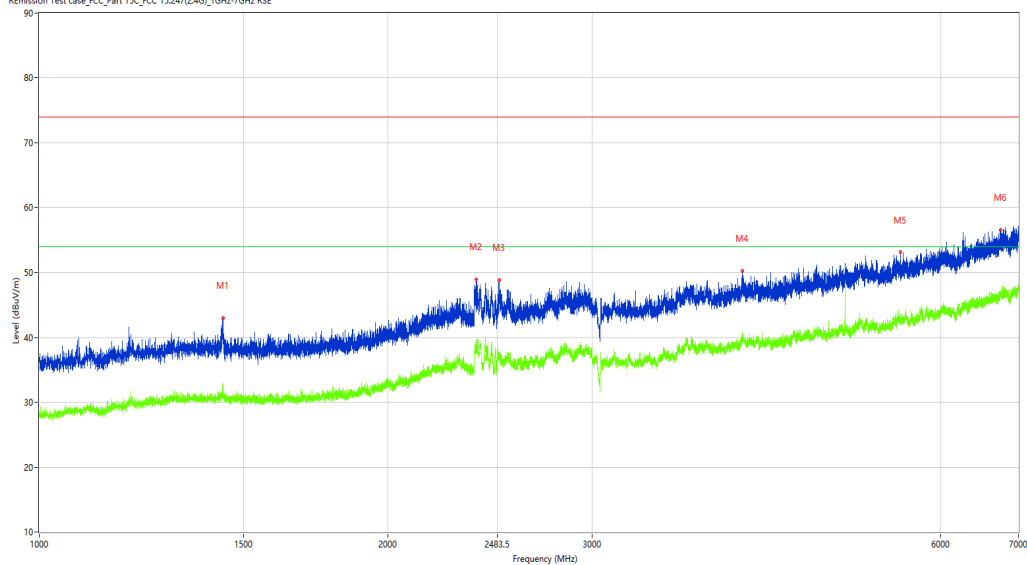
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.250	43.01	-12.73	74.0	30.99	Peak	360.00	100	Vertical	Pass
1**	1440.250	32.94	-12.73	54.0	21.06	AV	360.00	100	Vertical	Pass
2	2383.250	48.99	-7.20	74.0	25.01	Peak	298.40	100	Vertical	Pass
2**	2383.250	38.44	-7.20	54.0	15.56	AV	298.40	100	Vertical	Pass
3	2494.500	48.78	-6.19	74.0	25.22	Peak	171.50	100	Vertical	Pass
3**	2494.500	37.16	-6.19	54.0	16.84	AV	171.50	100	Vertical	Pass
4	4042.000	50.24	-0.90	74.0	23.76	Peak	0.00	100	Vertical	Pass
4**	4042.000	39.64	-0.90	54.0	14.36	AV	0.00	100	Vertical	Pass
5	5538.500	53.10	1.36	74.0	20.90	Peak	284.10	100	Vertical	Pass
5**	5538.500	42.16	1.36	54.0	11.84	AV	284.10	100	Vertical	Pass
6	6753.500	56.60	4.89	74.0	17.40	Peak	46.70	100	Vertical	Pass
6**	6753.500	46.76	4.89	54.0	7.24	AV	46.70	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.29.02

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

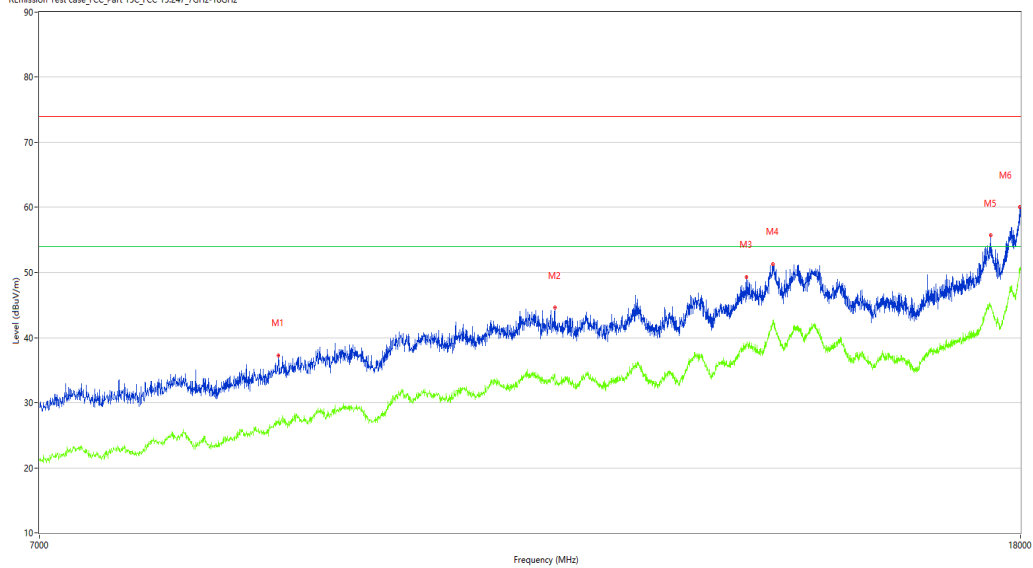
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R Emission Test case_FCC_Part 15C_FCC 15.247_7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8812.250	37.31	5.10	74.0	36.69	Peak	253.40	100	Vertical	Pass
1**	8812.250	26.87	5.10	54.0	27.13	AV	253.40	100	Vertical	Pass
2	11496.250	44.57	11.92	74.0	29.43	Peak	72.10	100	Vertical	Pass
2**	11496.250	34.39	11.92	54.0	19.61	AV	72.10	100	Vertical	Pass
3	13822.750	49.28	15.10	74.0	24.72	Peak	132.80	100	Vertical	Pass
3**	13822.750	38.96	15.10	54.0	15.04	AV	132.80	100	Vertical	Pass
4	14185.750	51.27	19.69	74.0	22.73	Peak	192.00	100	Vertical	Pass
4**	14185.750	42.38	19.69	54.0	11.62	AV	192.00	100	Vertical	Pass
5	17494.000	55.73	21.33	74.0	18.27	Peak	192.00	100	Vertical	Pass
5**	17494.000	45.01	21.33	54.0	8.99	AV	192.00	100	Vertical	Pass
6	17983.500	60.02	26.90	74.0	13.98	Peak	253.40	100	Vertical	Pass
6**	17983.500	49.83	26.90	54.0	4.17	AV	253.40	100	Vertical	Pass

WIFI2.4G-N-Low channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14:37:09

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

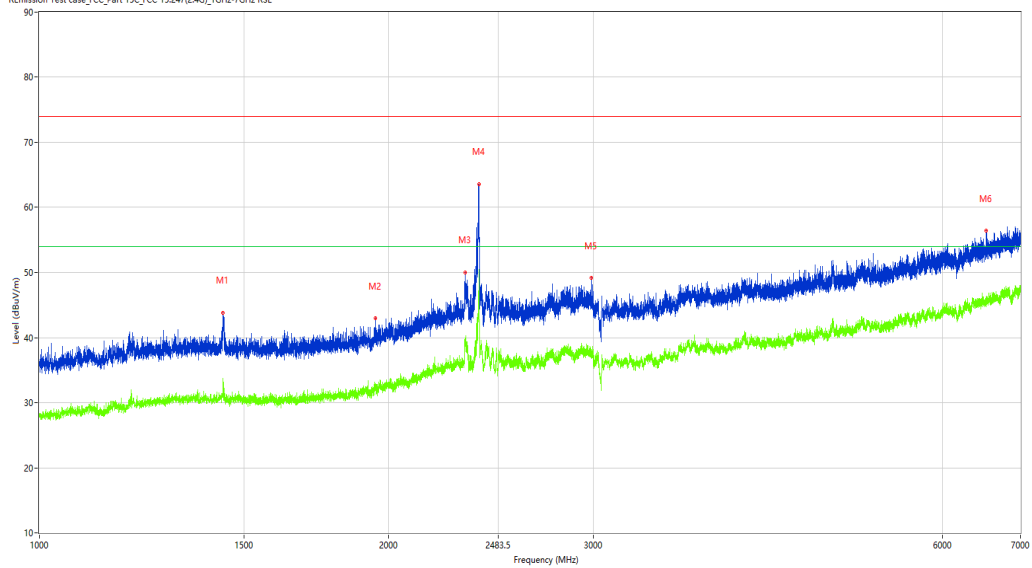
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(Z4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.500	43.83	-12.72	74.0	30.17	Peak	271.30	100	Horizontal	Pass
1**	1439.500	32.29	-12.72	54.0	21.71	AV	271.30	100	Horizontal	Pass
2	1947.750	42.98	-11.25	74.0	31.02	Peak	177.50	100	Horizontal	Pass
2**	1947.750	31.93	-11.25	54.0	22.07	AV	177.50	100	Horizontal	Pass
3	2325.750	49.96	-7.90	74.0	24.04	Peak	301.40	100	Horizontal	Pass
3**	2325.750	39.17	-7.90	54.0	14.83	AV	301.40	100	Horizontal	Pass
4	2392.000	63.58	-4.15	74.0	10.42	Peak	317.40	100	Horizontal	Pass
4**	2392.000	50.51	-4.15	54.0	3.49	AV	317.40	100	Horizontal	Pass
5	2987.250	49.12	-3.12	74.0	24.88	Peak	71.80	100	Horizontal	Pass
5**	2987.250	37.79	-3.12	54.0	16.21	AV	71.80	100	Horizontal	Pass
6	6536.500	56.48	4.13	74.0	17.52	Peak	98.80	100	Horizontal	Pass
6**	6536.500	45.63	4.13	54.0	8.37	AV	98.80	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.09.45

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

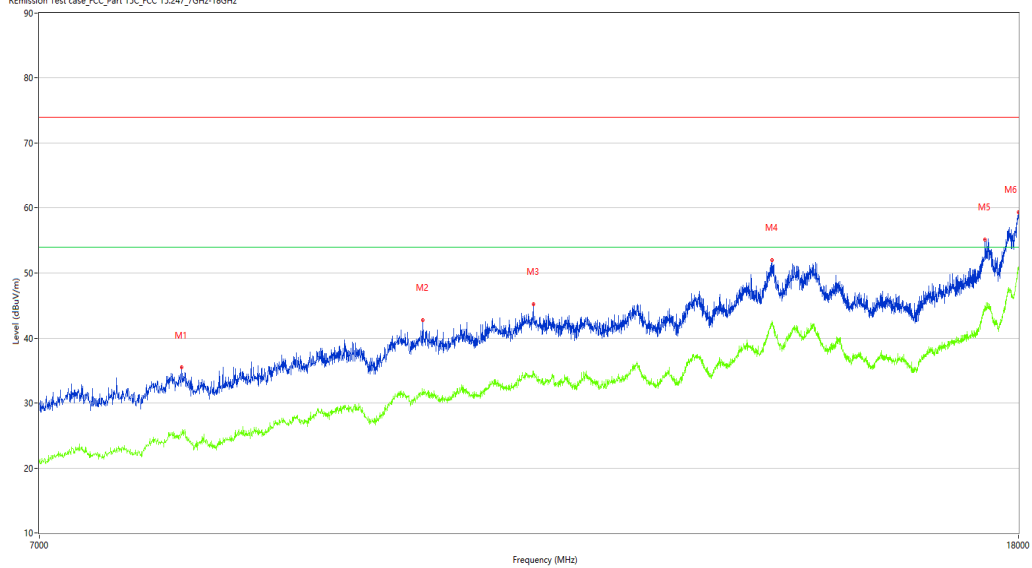
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R Emission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8031.250	35.45	4.35	74.0	38.55	Peak	360.00	100	Horizontal	Pass
1**	8031.250	25.10	4.35	54.0	28.90	AV	360.00	100	Horizontal	Pass
2	10135.000	42.79	9.37	74.0	31.21	Peak	323.10	100	Horizontal	Pass
2**	10135.000	31.69	9.37	54.0	22.31	AV	323.10	100	Horizontal	Pass
3	11273.500	45.20	12.20	74.0	28.80	Peak	191.70	100	Horizontal	Pass
3**	11273.500	34.89	12.20	54.0	19.11	AV	191.70	100	Horizontal	Pass
4	14188.500	52.01	19.75	74.0	21.99	Peak	338.80	100	Horizontal	Pass
4**	14188.500	42.66	19.75	54.0	11.34	AV	338.80	100	Horizontal	Pass
5	17425.250	55.13	20.40	74.0	18.87	Peak	3.00	100	Horizontal	Pass
5**	17425.250	44.69	20.40	54.0	9.31	AV	3.00	100	Horizontal	Pass
6	17997.251	59.33	27.75	74.0	14.67	Peak	360.00	100	Horizontal	Pass
6**	17997.251	50.78	27.75	54.0	3.22	AV	360.00	100	Horizontal	Pass

WIFI2.4G-N-Low channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.33.05

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

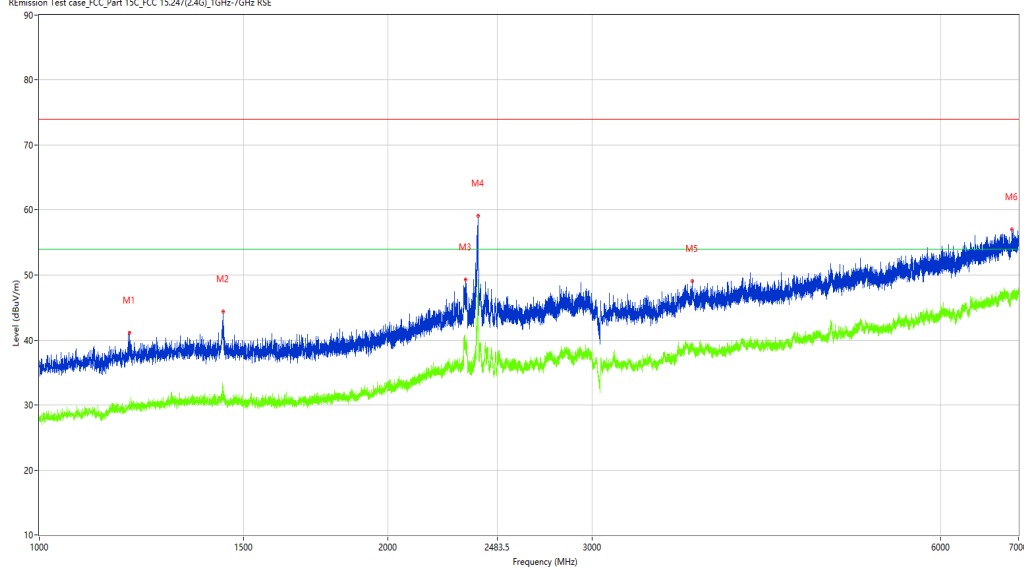
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.750	41.15	-13.46	74.0	32.85	Peak	256.40	100	Vertical	Pass
1**	1195.750	29.83	-13.46	54.0	24.17	AV	256.40	100	Vertical	Pass
2	1440.250	44.44	-12.73	74.0	29.56	Peak	256.40	100	Vertical	Pass
2**	1440.250	32.97	-12.73	54.0	21.03	AV	256.40	100	Vertical	Pass
3	2331.750	49.27	-8.09	74.0	24.73	Peak	127.70	100	Vertical	Pass
3**	2331.750	39.32	-8.09	54.0	14.68	AV	127.70	100	Vertical	Pass
4	2393.000	59.10	-4.18	74.0	14.90	Peak	127.70	100	Vertical	Pass
4**	2393.000	45.42	-4.18	54.0	8.58	AV	127.70	100	Vertical	Pass
5	3661.000	49.11	-1.63	74.0	24.89	Peak	1.10	100	Vertical	Pass
5**	3661.000	38.97	-1.63	54.0	15.03	AV	1.10	100	Vertical	Pass
6	6913.000	57.04	5.07	74.0	16.96	Peak	304.20	100	Vertical	Pass
6**	6913.000	46.64	5.07	54.0	7.36	AV	304.20	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.11.35

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

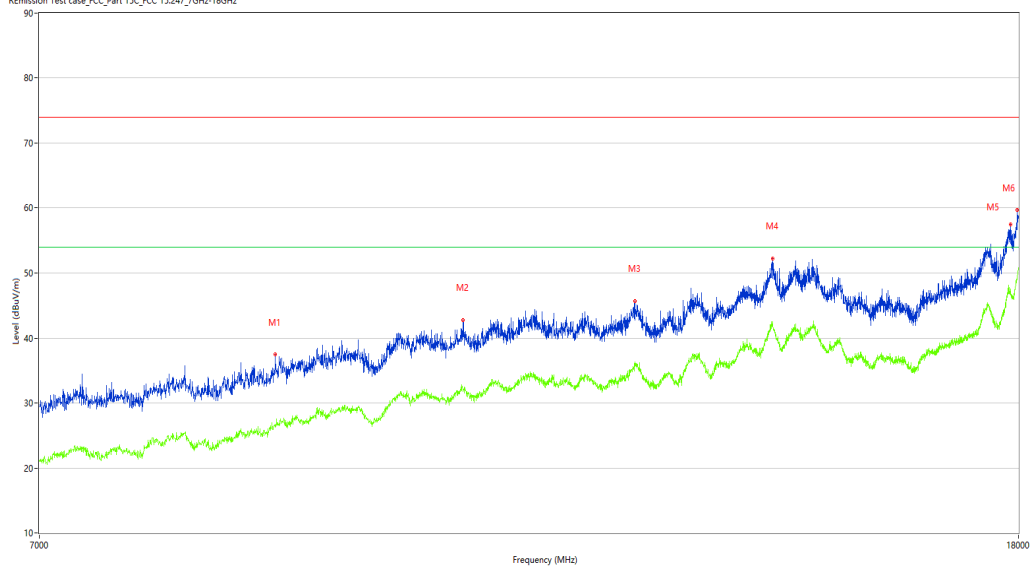
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8790.250	37.44	4.96	74.0	36.56	Peak	360.00	100	Vertical	Pass
1**	8790.250	26.29	4.96	54.0	27.71	AV	360.00	100	Vertical	Pass
2	10536.500	42.76	10.26	74.0	31.24	Peak	281.00	100	Vertical	Pass
2**	10536.500	31.70	10.26	54.0	22.30	AV	281.00	100	Vertical	Pass
3	12431.250	45.69	12.41	74.0	28.31	Peak	360.00	100	Vertical	Pass
3**	12431.250	35.56	12.41	54.0	18.44	AV	360.00	100	Vertical	Pass
4	14196.750	52.20	19.57	74.0	21.80	Peak	0.30	100	Vertical	Pass
4**	14196.750	42.33	19.57	54.0	11.67	AV	0.30	100	Vertical	Pass
5	17859.750	57.47	22.51	74.0	16.53	Peak	360.00	100	Vertical	Pass
5**	17859.750	47.51	22.51	54.0	6.49	AV	360.00	100	Vertical	Pass
6	17980.750	59.75	26.73	74.0	14.25	Peak	129.50	100	Vertical	Pass
6**	17980.750	49.57	26.73	54.0	4.43	AV	129.50	100	Vertical	Pass

WIFI2.4G-N-Middle channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.40.08

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

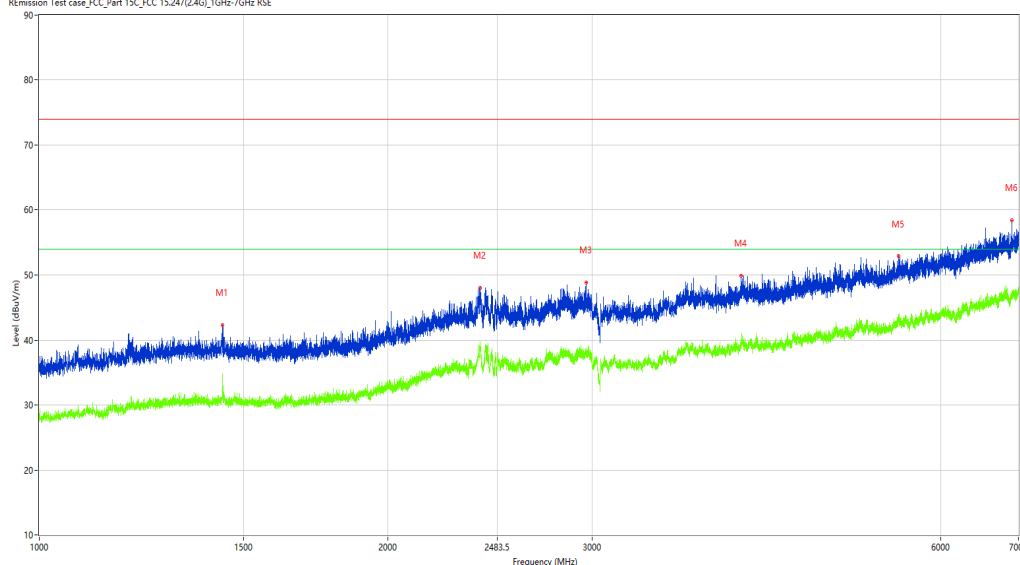
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.750	42.27	-12.72	74.0	31.73	Peak	0.00	100	Horizontal	Pass
1**	1439.750	34.77	-12.72	54.0	19.23	AV	0.00	100	Horizontal	Pass
2	2401.500	48.02	-4.44	74.0	25.98	Peak	355.80	100	Horizontal	Pass
2**	2401.500	38.55	-4.44	54.0	15.45	AV	355.80	100	Horizontal	Pass
3	2966.250	48.88	-3.34	74.0	25.12	Peak	201.40	100	Horizontal	Pass
3**	2966.250	37.86	-3.34	54.0	16.14	AV	201.40	100	Horizontal	Pass
4	4035.500	49.90	-0.92	74.0	24.10	Peak	235.80	100	Horizontal	Pass
4**	4035.500	40.04	-0.92	54.0	13.96	AV	235.80	100	Horizontal	Pass
5	5518.000	52.89	1.48	74.0	21.11	Peak	138.70	100	Horizontal	Pass
5**	5518.000	42.60	1.48	54.0	11.40	AV	138.70	100	Horizontal	Pass
6	6906.500	58.43	5.08	74.0	15.57	Peak	360.00	100	Horizontal	Pass
6**	6906.500	46.40	5.08	54.0	7.60	AV	360.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_15.06.25

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

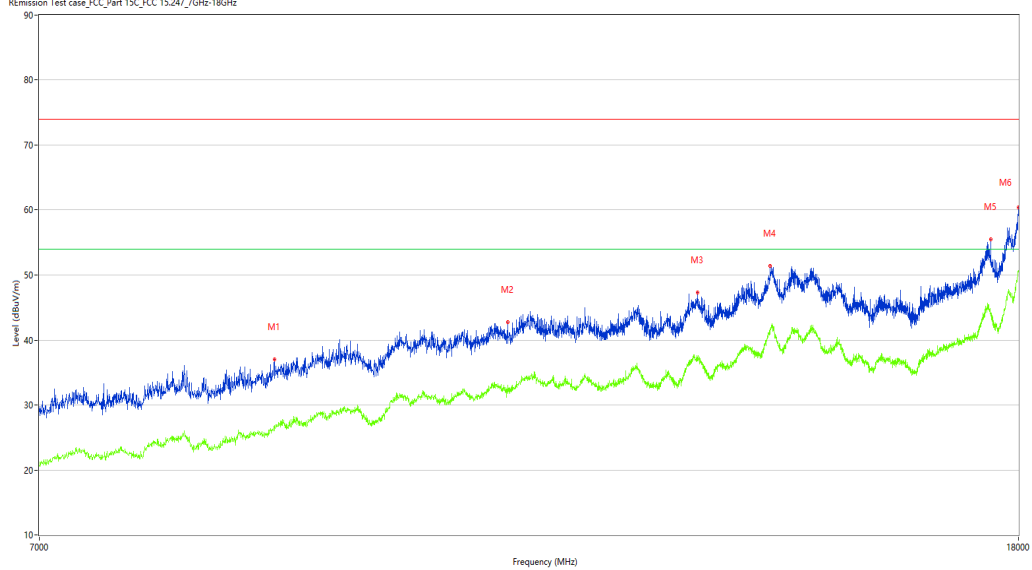
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R Emission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8782.000	37.05	4.91	74.0	36.95	Peak	255.10	100	Horizontal	Pass
1**	8782.000	26.83	4.91	54.0	27.17	AV	255.10	100	Horizontal	Pass
2	10995.750	42.79	10.74	74.0	31.21	Peak	48.90	100	Horizontal	Pass
2**	10995.750	33.00	10.74	54.0	21.00	AV	48.90	100	Horizontal	Pass
3	13212.250	47.36	14.12	74.0	26.64	Peak	255.10	100	Horizontal	Pass
3**	13212.250	37.16	14.12	54.0	16.84	AV	255.10	100	Horizontal	Pass
4	14163.750	51.41	18.99	74.0	22.59	Peak	204.90	100	Horizontal	Pass
4**	14163.750	41.33	18.99	54.0	12.67	AV	204.90	100	Horizontal	Pass
5	17524.251	55.45	20.63	74.0	18.55	Peak	48.90	100	Horizontal	Pass
5**	17524.251	43.94	20.63	54.0	10.06	AV	48.90	100	Horizontal	Pass
6	17994.500	60.41	27.58	74.0	13.59	Peak	48.90	100	Horizontal	Pass
6**	17994.500	50.72	27.58	54.0	3.28	AV	48.90	100	Horizontal	Pass

WIFI2.4G-N-Middle channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.42.40

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

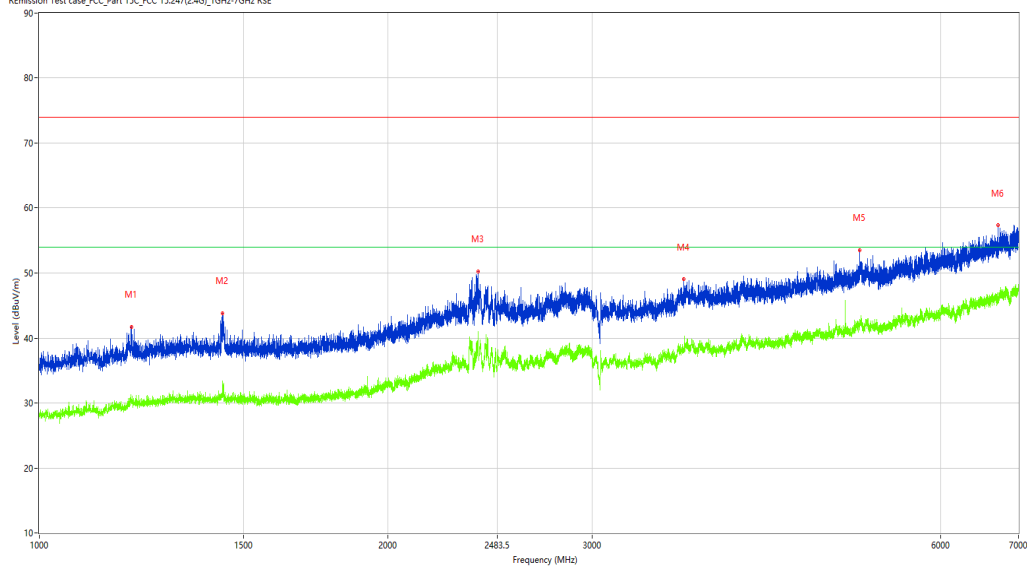
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.750	41.75	-13.55	74.0	32.25	Peak	265.00	100	Vertical	Pass
1**	1201.750	29.90	-13.55	54.0	24.10	AV	265.00	100	Vertical	Pass
2	1439.750	43.83	-12.72	74.0	30.17	Peak	265.00	100	Vertical	Pass
2**	1439.750	33.44	-12.72	54.0	20.56	AV	265.00	100	Vertical	Pass
3	2391.750	50.27	-4.53	74.0	23.73	Peak	308.50	100	Vertical	Pass
3**	2391.750	40.97	-4.53	54.0	13.03	AV	308.50	100	Vertical	Pass
4	3598.500	49.02	-2.20	74.0	24.98	Peak	310.60	100	Vertical	Pass
4**	3598.500	38.17	-2.20	54.0	15.83	AV	310.60	100	Vertical	Pass
5	5104.000	53.51	1.30	74.0	20.49	Peak	294.60	100	Vertical	Pass
5**	5104.000	42.79	1.30	54.0	11.21	AV	294.60	100	Vertical	Pass
6	6725.000	57.33	4.58	74.0	16.67	Peak	262.90	100	Vertical	Pass
6**	6725.000	45.97	4.58	54.0	8.03	AV	262.90	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_14.56.21

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

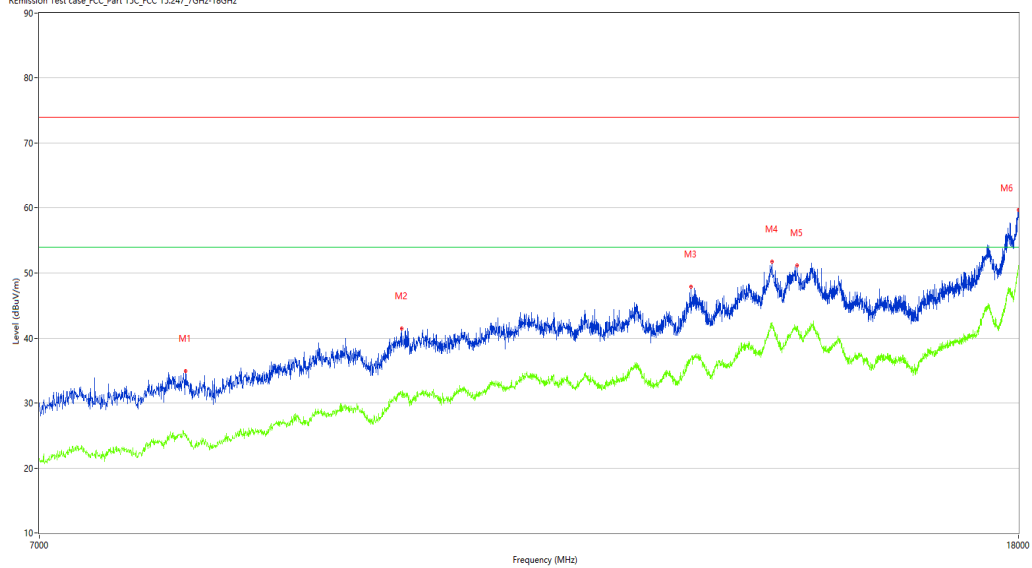
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8061.500	34.96	4.27	74.0	39.04	Peak	171.30	100	Vertical	Pass
1**	8061.500	25.26	4.27	54.0	28.74	AV	171.30	100	Vertical	Pass
2	9928.750	41.48	9.84	74.0	32.52	Peak	109.60	100	Vertical	Pass
2**	9928.750	31.19	9.84	54.0	22.81	AV	109.60	100	Vertical	Pass
3	13121.500	47.95	13.85	74.0	26.05	Peak	171.30	100	Vertical	Pass
3**	13121.500	36.85	13.85	54.0	17.15	AV	171.30	100	Vertical	Pass
4	14194.000	51.73	19.63	74.0	22.27	Peak	344.70	100	Vertical	Pass
4**	14194.000	42.28	19.63	54.0	11.72	AV	344.70	100	Vertical	Pass
5	14537.750	51.20	17.42	74.0	22.80	Peak	171.30	100	Vertical	Pass
5**	14537.750	41.78	17.42	54.0	12.22	AV	171.30	100	Vertical	Pass
6	17997.251	59.71	27.75	74.0	14.29	Peak	0.00	100	Vertical	Pass
6**	17997.251	51.21	27.75	54.0	2.79	AV	0.00	100	Vertical	Pass

WIFI2.4G-N-High channel-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.48.15

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

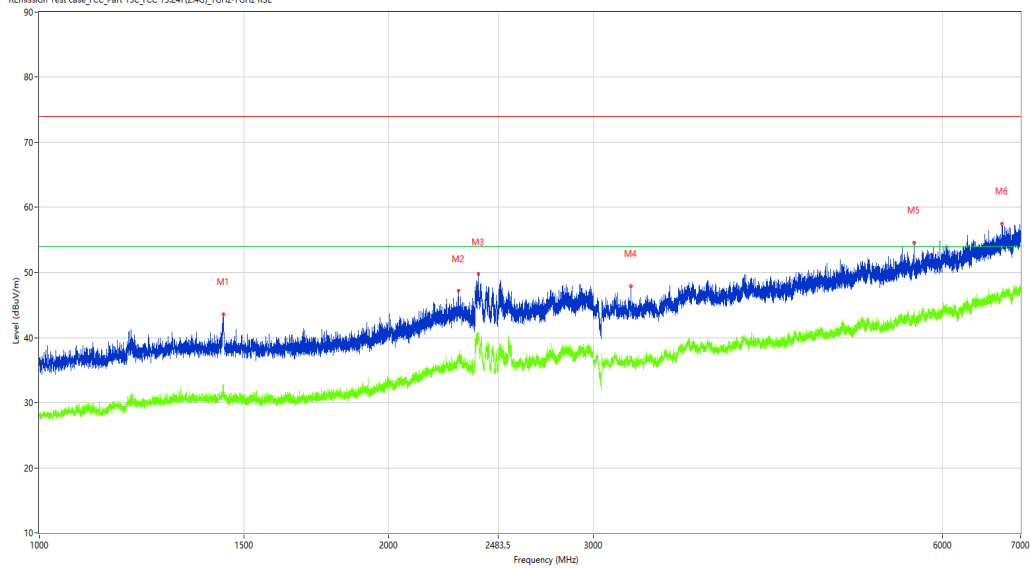
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

R emission Test case_FCC_Part 15C_FCC 15.247(Z4G)_1GHz-7GHz RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.500	43.61	-12.73	74.0	30.39	Peak	0.00	100	Horizontal	Pass
1**	1440.500	31.83	-12.73	54.0	22.17	AV	0.00	100	Horizontal	Pass
2	2296.250	47.16	-7.29	74.0	26.84	Peak	293.00	100	Horizontal	Pass
2**	2296.250	36.77	-7.29	54.0	17.23	AV	293.00	100	Horizontal	Pass
3	2387.500	49.72	-6.74	74.0	24.28	Peak	293.00	100	Horizontal	Pass
3**	2387.500	39.87	-6.74	54.0	14.13	AV	293.00	100	Horizontal	Pass
4	3233.000	47.91	-4.67	74.0	26.09	Peak	93.60	100	Horizontal	Pass
4**	3233.000	36.78	-4.67	54.0	17.22	AV	93.60	100	Horizontal	Pass
5	5666.000	54.59	1.52	74.0	19.41	Peak	337.40	100	Horizontal	Pass
5**	5666.000	44.22	1.52	54.0	9.78	AV	337.40	100	Horizontal	Pass
6	6744.500	57.46	4.79	74.0	16.54	Peak	155.00	100	Horizontal	Pass
6**	6744.500	46.85	4.79	54.0	7.15	AV	155.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_14.52.18

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

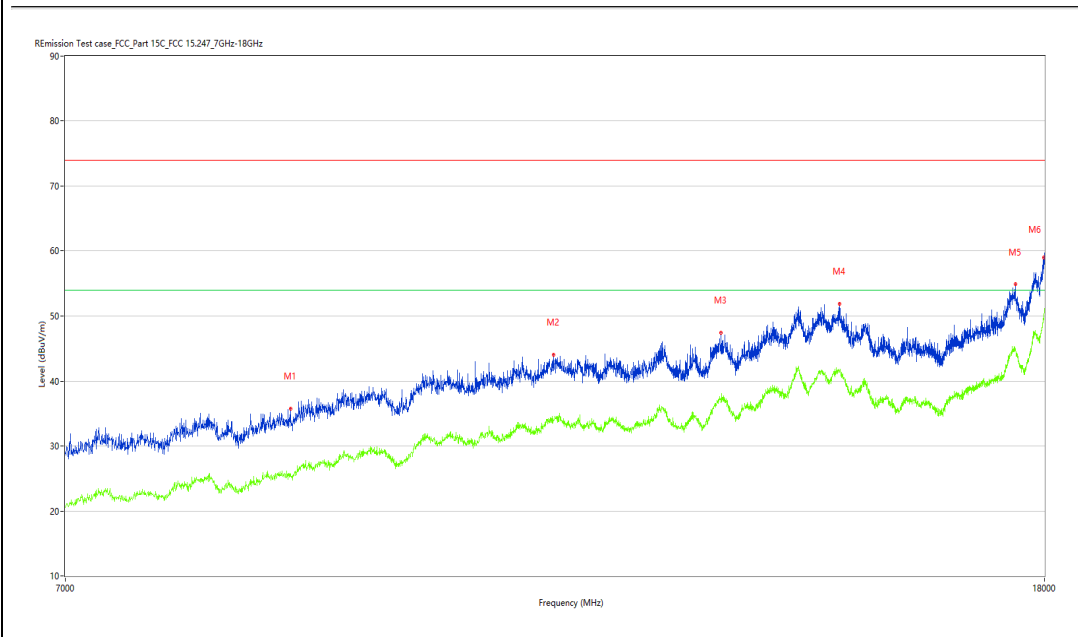
Test Engineer: ZY

Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8699.500	35.72	4.65	74.0	38.28	Peak	212.50	100	Horizontal	Pass
1**	8699.500	25.71	4.65	54.0	28.29	AV	212.50	100	Horizontal	Pass
2	11207.500	44.02	11.35	74.0	29.98	Peak	259.40	100	Horizontal	Pass
2**	11207.500	33.89	11.35	54.0	20.11	AV	259.40	100	Horizontal	Pass
3	13176.500	47.45	14.03	74.0	26.55	Peak	212.50	100	Horizontal	Pass
3**	13176.500	37.42	14.03	54.0	16.58	AV	212.50	100	Horizontal	Pass
4	14774.250	51.89	18.71	74.0	22.11	Peak	0.00	100	Horizontal	Pass
4**	14774.250	41.58	18.71	54.0	12.42	AV	0.00	100	Horizontal	Pass
5	17502.251	54.88	21.14	74.0	19.12	Peak	152.20	100	Horizontal	Pass
5**	17502.251	44.97	21.14	54.0	9.03	AV	152.20	100	Horizontal	Pass
6	17991.750	58.95	27.41	74.0	15.05	Peak	212.50	100	Horizontal	Pass
6**	17991.750	50.39	27.41	54.0	3.61	AV	212.50	100	Horizontal	Pass

WIFI2.4G-N-High channel-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_14.45.43

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

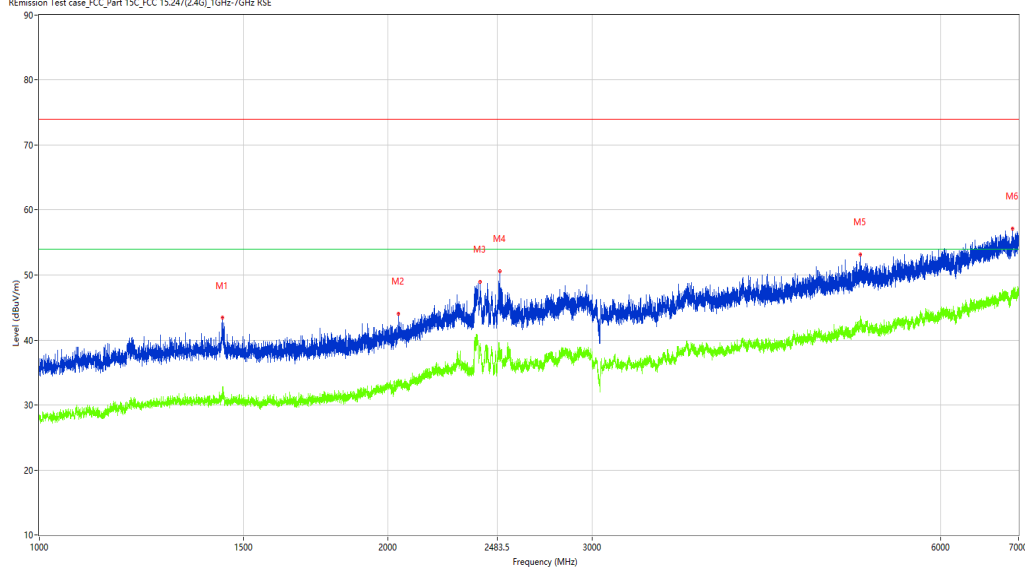
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_1GHz-7GHz_RSE



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.750	43.40	-12.72	74.0	30.60	Peak	274.30	100	Vertical	Pass
1**	1439.750	32.41	-12.72	54.0	21.59	AV	274.30	100	Vertical	Pass
2	2042.500	44.03	-10.46	74.0	29.97	Peak	165.30	100	Vertical	Pass
2**	2042.500	32.92	-10.46	54.0	21.08	AV	165.30	100	Vertical	Pass
3	2401.250	48.91	-4.43	74.0	25.09	Peak	305.50	100	Vertical	Pass
3**	2401.250	39.17	-4.43	54.0	14.83	AV	305.50	100	Vertical	Pass
4	2497.250	50.58	-6.22	74.0	23.42	Peak	165.30	100	Vertical	Pass
4**	2497.250	37.58	-6.22	54.0	16.42	AV	165.30	100	Vertical	Pass
5	5110.500	53.18	1.31	74.0	20.82	Peak	254.70	100	Vertical	Pass
5**	5110.500	43.67	1.31	54.0	10.33	AV	254.70	100	Vertical	Pass
6	6919.500	57.13	5.06	74.0	16.87	Peak	153.10	100	Vertical	Pass
6**	6919.500	47.28	5.06	54.0	6.72	AV	153.10	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-07-15_14.54.18

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

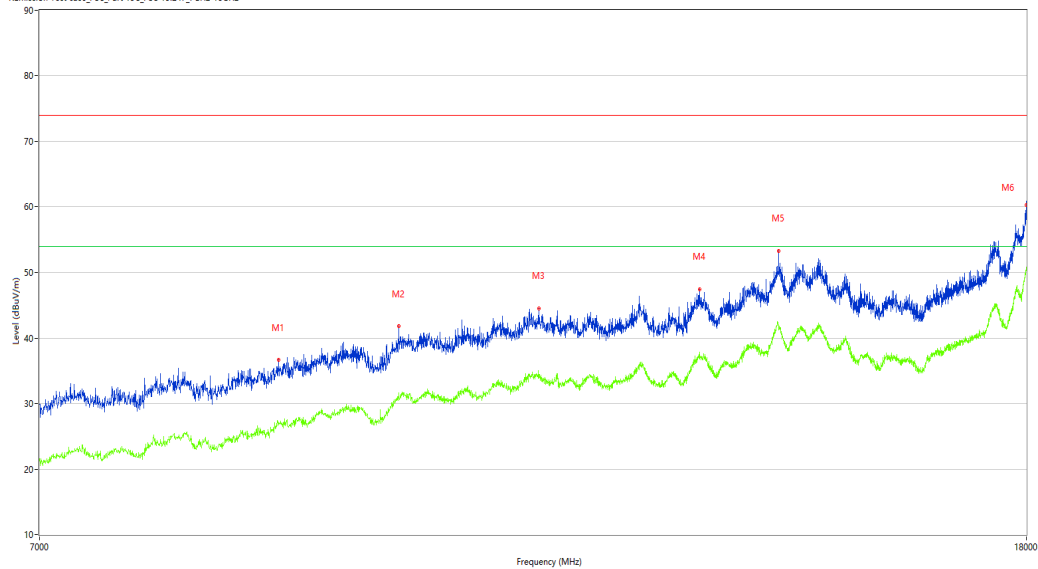
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247.7GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8798.500	36.62	5.01	74.0	37.38	Peak	248.30	100	Vertical	Pass
1**	8798.500	27.04	5.01	54.0	26.96	AV	248.30	100	Vertical	Pass
2	9871.000	41.83	9.22	74.0	32.17	Peak	0.00	100	Vertical	Pass
2**	9871.000	31.63	9.22	54.0	22.37	AV	0.00	100	Vertical	Pass
3	11287.250	44.48	12.35	74.0	29.52	Peak	248.30	100	Vertical	Pass
3**	11287.250	33.96	12.35	54.0	20.04	AV	248.30	100	Vertical	Pass
4	13165.500	47.46	14.01	74.0	26.54	Peak	360.00	100	Vertical	Pass
4**	13165.500	37.80	14.01	54.0	16.20	AV	360.00	100	Vertical	Pass
5	14202.250	53.31	19.45	74.0	20.69	Peak	311.90	100	Vertical	Pass
5**	14202.250	41.86	19.45	54.0	12.14	AV	311.90	100	Vertical	Pass
6	17997.251	60.24	27.75	74.0	13.76	Peak	33.60	100	Vertical	Pass
6**	17997.251	50.47	27.75	54.0	3.53	AV	33.60	100	Vertical	Pass

WIFI2.4G-Bandedge -B-Low channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.48.58

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

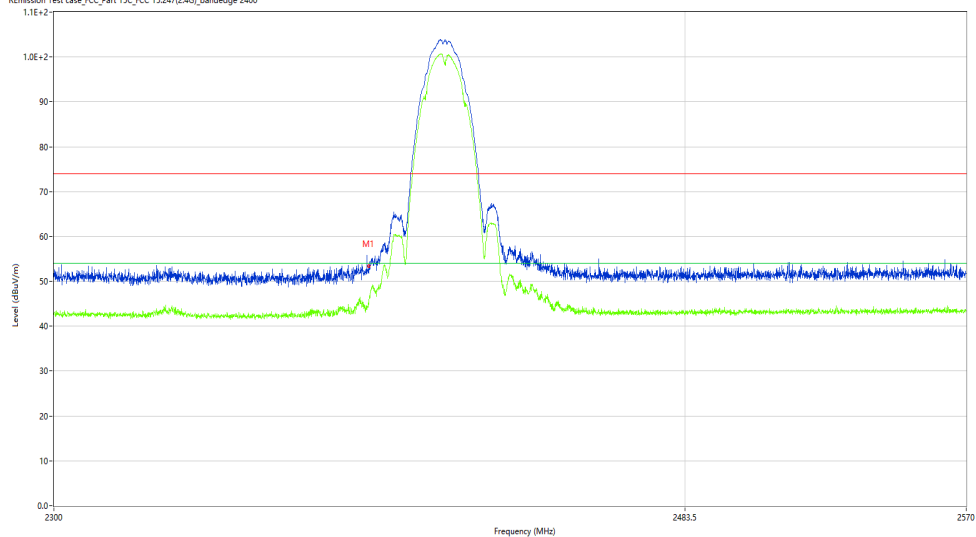
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	53.21	-9.96	74.0	20.79	Peak	283.50	100	H	Pass
1**	2390.000	46.54	-9.96	54.0	7.46	AV	283.50	100	H	Pass

WIFI2.4G-Bandedge -B-Low channel- Vertical -TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.10.08

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

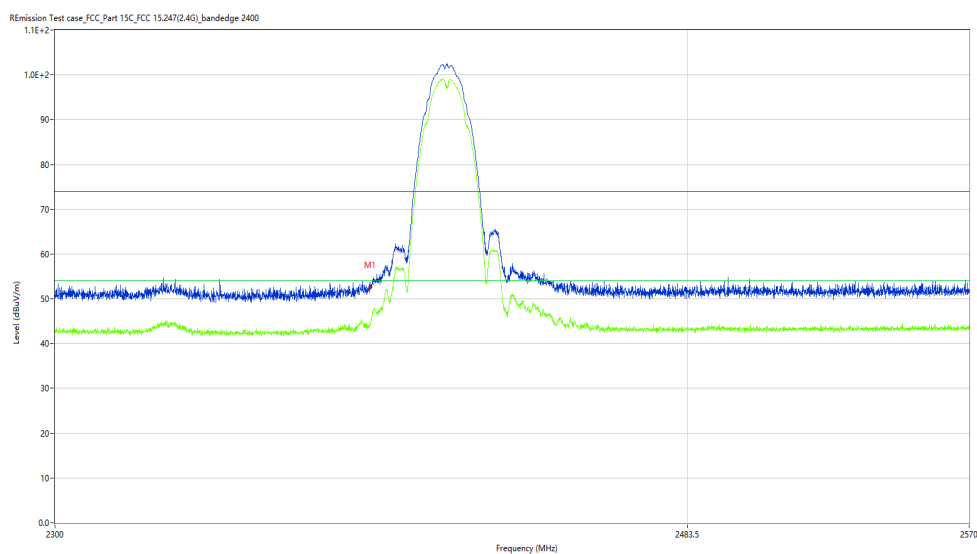
Work Addition: TX

Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.67	-9.96	74.0	21.33	Peak	57.00	100	V	Pass
1**	2390.000	45.49	-9.96	54.0	8.51	AV	57.00	100	V	Pass

WIFI2.4G-Bandedge -B-High channel- Horizontal -TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.47.25

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

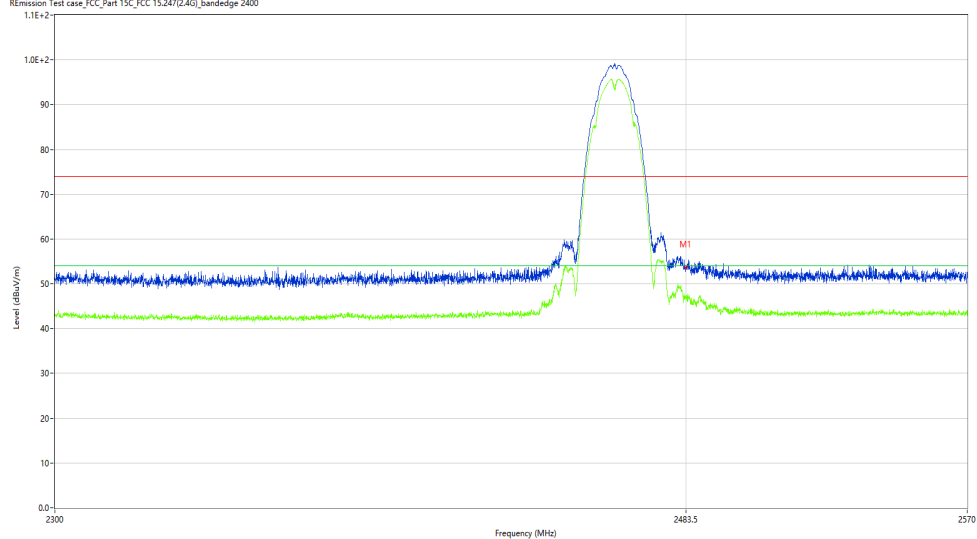
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.79	-9.51	74.0	20.21	Peak	138.20	100	H	Pass
1**	2483.500	47.11	-9.51	54.0	6.89	AV	138.20	100	H	Pass

WIFI2.4G-Bandedge -B-High channel- Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.21.50

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

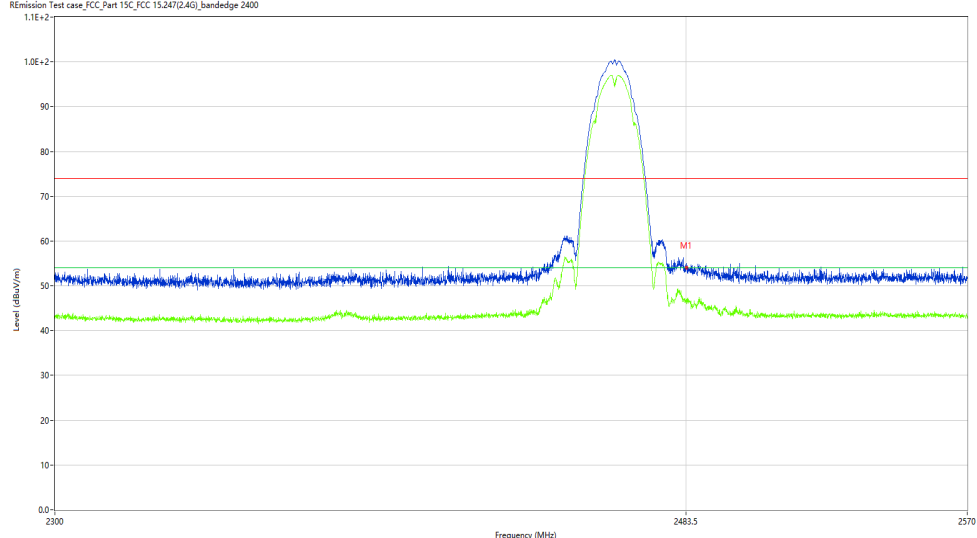
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.06	-9.51	74.0	19.94	Peak	180.12	100	V	Pass
1**	2483.500	46.83	-9.51	54.0	7.17	AV	180.12	100	V	Pass

WIFI2.4G-Bandedge -G-Low channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.43.53

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

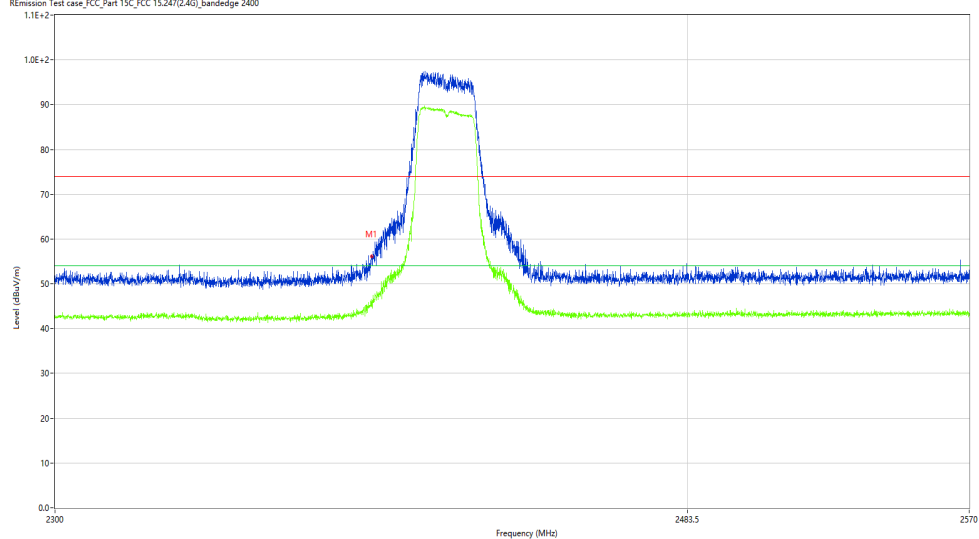
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.01	-9.96	74.0	17.99	Peak	183.50	100	H	Pass
1**	2390.000	45.93	-9.96	54.0	8.07	AV	183.50	100	H	Pass

WIFI2.4G-Bandedge -G-Low channel- Vertical -TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.28.12

EUT Name: N.A

Manufacturer: N.A

Model: P591

Temp.(oC): 24.5

Hum.: 54%

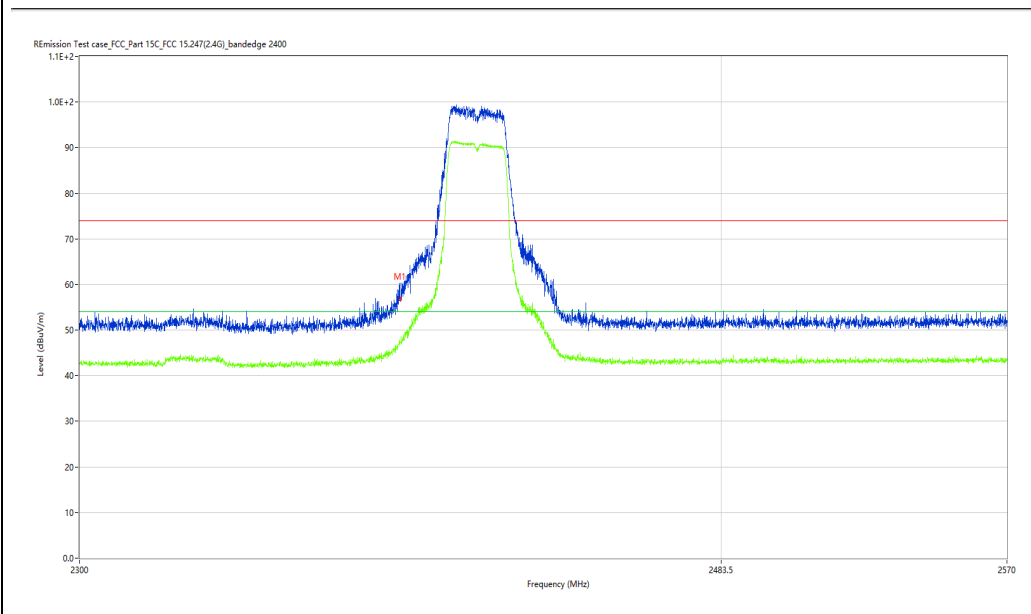
Test Engineer: ZY

Test Standard: FCC

Work Addition: TX

Load: Full load

Remark: DR-RSE01-E23060039-02#02



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.67	-9.96	74.0	17.33	Peak	250.01	100	V	Pass
1**	2390.000	47.26	-9.96	54.0	6.74	AV	250.01	100	V	Pass

WIFI2.4G-Bandedge -G-High channel- Horizontal -TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.45.32

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

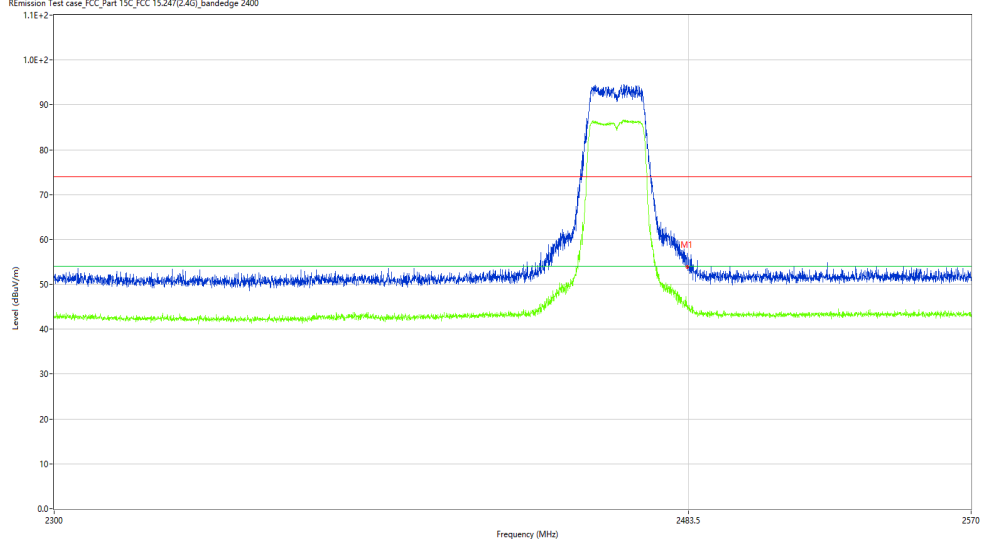
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.26	-9.51	74.0	19.74	Peak	119.10	100	H	Pass
1**	2483.500	44.98	-9.51	54.0	9.02	AV	119.10	100	H	Pass

WIFI2.4G-Bandedge -G-High channel- Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.26.13

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

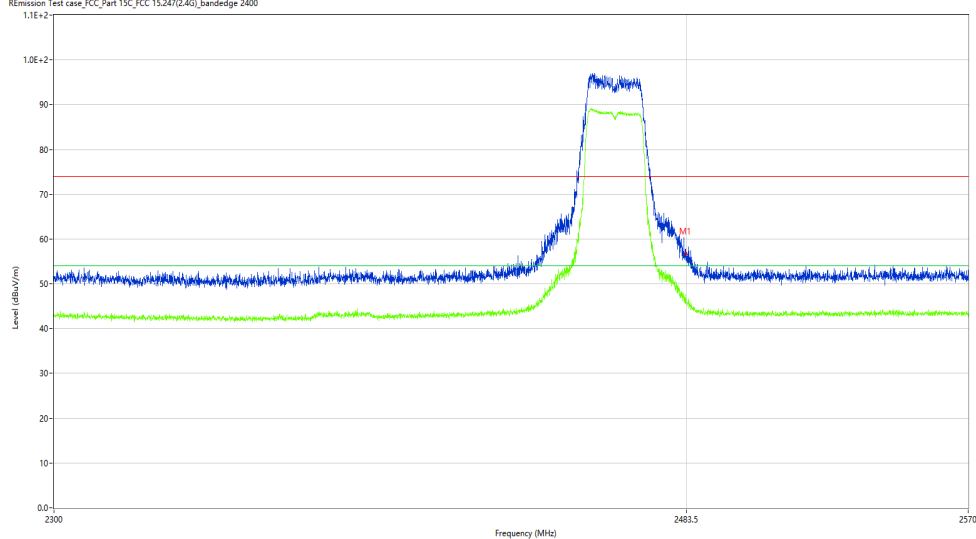
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.19	-9.51	74.0	16.81	Peak	304.00	100	V	Pass
1**	2483.500	46.16	-9.51	54.0	7.84	AV	304.00	100	V	Pass

WIFI2.4G-Bandedge -N-Low channel- Horizontal –TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.42.07

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

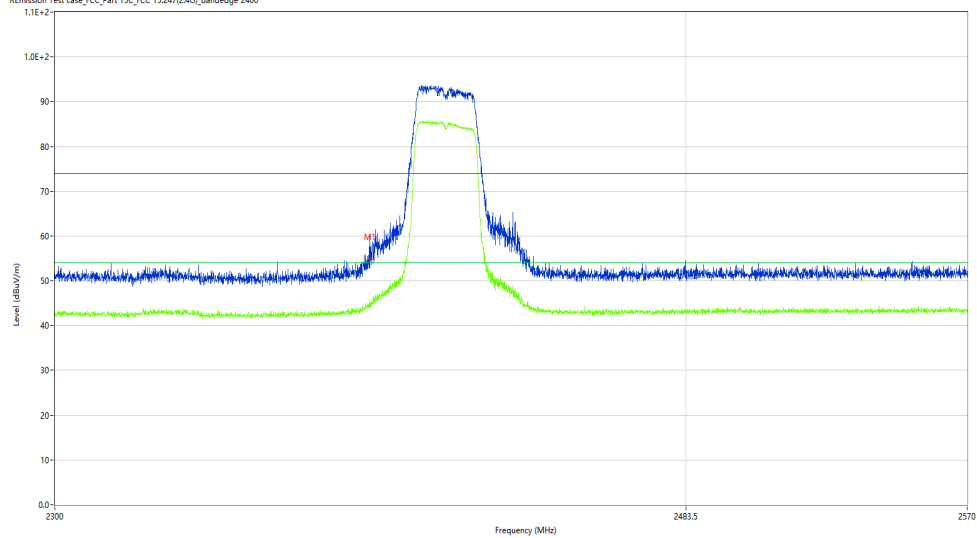
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.81	-9.96	74.0	19.19	Peak	152.27	100	H	Pass
1**	2390.000	44.48	-9.96	54.0	9.52	AV	152.27	100	H	Pass

WIFI2.4G-Bandedge -N-Low channel- Vertical -TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.32.24

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

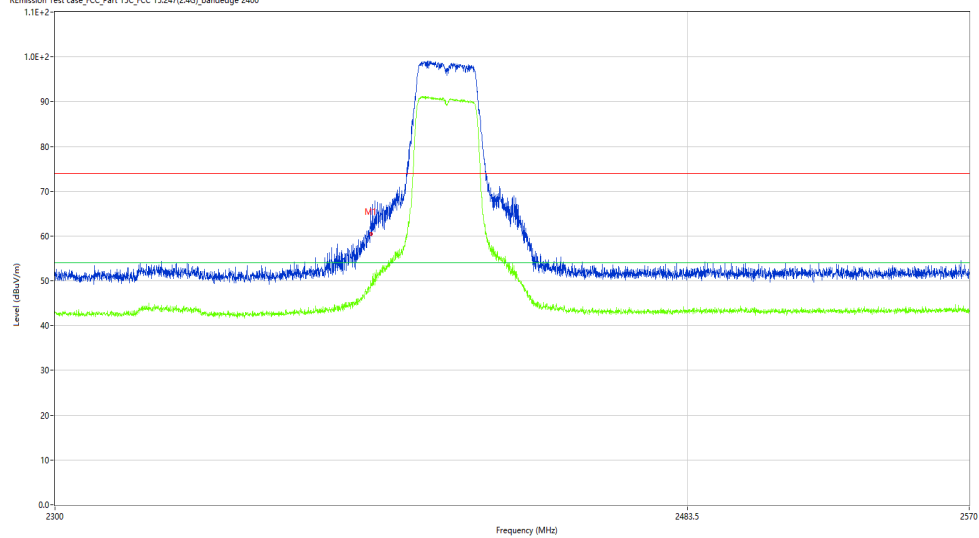
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	60.43	-9.96	74.0	13.57	Peak	250.51	100	V	Pass
1**	2390.000	48.97	-9.96	54.0	5.03	AV	250.51	100	V	Pass

WIFI2.4G-Bandedge -N-High channel- Horizontal -TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.40.07

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

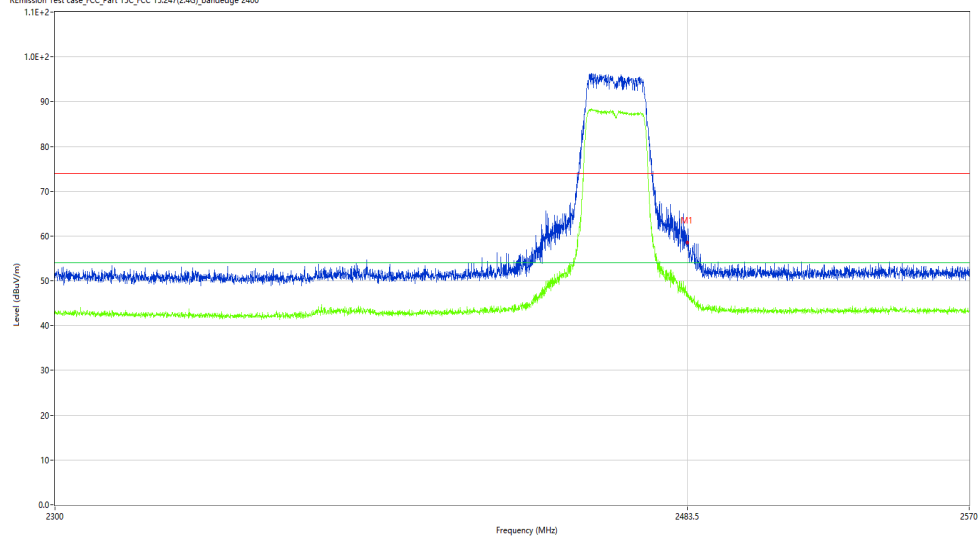
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.80	-9.51	74.0	15.20	Peak	356.10	100	H	Pass
1**	2483.500	47.39	-9.51	54.0	6.61	AV	356.10	100	H	Pass

WIFI2.4G-Bandedge -N-High channel- Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-07-15_13.34.21

EUT Name: N.A

Test Engineer: ZY

Manufacturer: N.A

Test Standard: FCC

Model: P591

Work Addition: TX

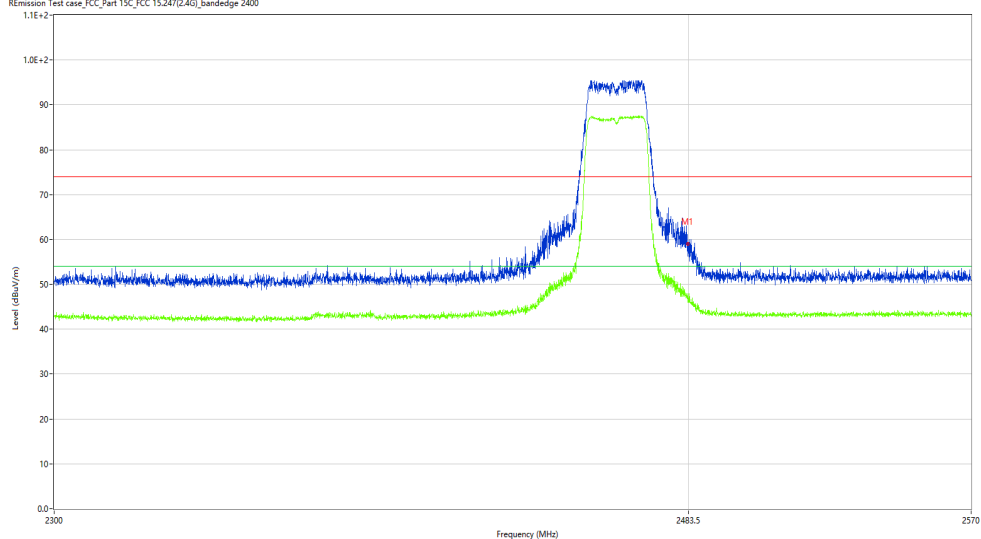
Temp.(oC): 24.5

Load: Full load

Hum.: 54%

Remark: DR-RSE01-E23060039-02#02

REmission Test case_FCC_Part 15C_FCC 15.247(2.4G)_bandedge 2400



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.89	-9.51	74.0	15.11	Peak	295.92	100	V	Pass
1**	2483.500	46.65	-9.51	54.0	7.35	AV	295.92	100	V	Pass