

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: 2023-06-10_10.33.58

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 23.4

Hum.: 53%

Test Engineer: LYG

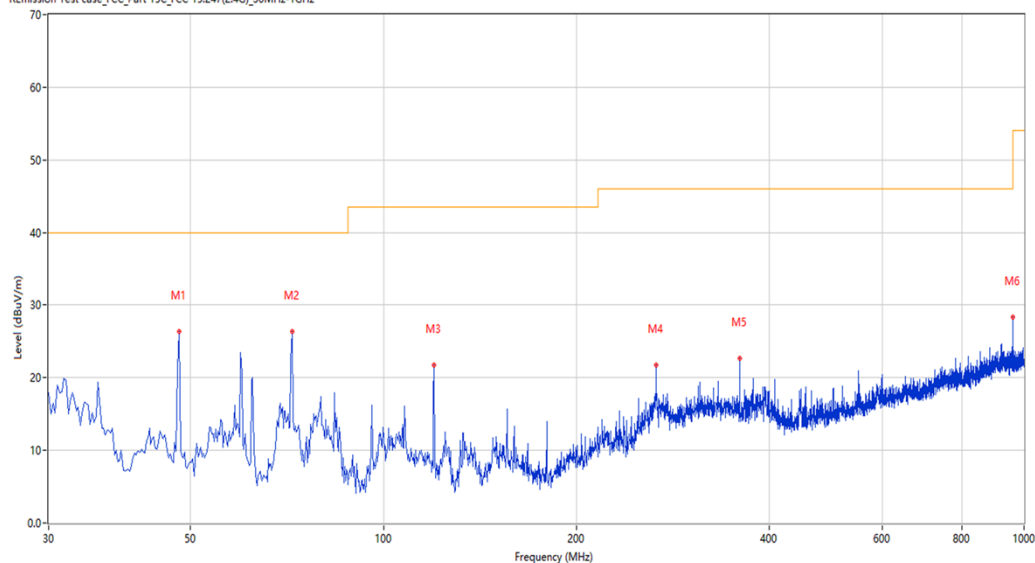
Test Standard: FCC Part 15C

Work Addition: N.A

Load: Full load

Remark: E22110043-02#01

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	47.941	26.36	-25.11	40.0	13.64	Peak	83.10	100	Horizontal	Pass
2	71.942	26.34	-30.08	40.0	13.66	Peak	357.90	100	Horizontal	Pass
3	119.945	21.75	-28.31	43.5	21.75	Peak	219.70	100	Horizontal	Pass
4	266.378	21.82	-24.47	46.0	24.18	Peak	32.90	100	Horizontal	Pass
5	359.960	22.66	-22.28	46.0	23.34	Peak	173.20	100	Horizontal	Pass
6	959.998	28.35	-9.30	46.0	17.65	Peak	107.70	100	Horizontal	Pass

WIFI2.4G-Vertical-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_10.29.52

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: N.A

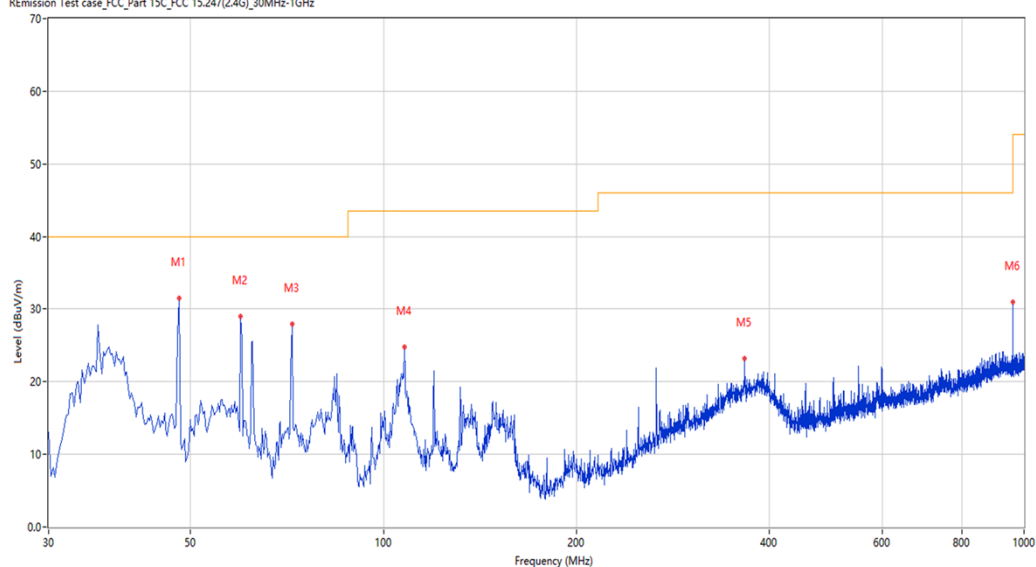
Temp.(oC): 23.4

Load: Full load

Hum.: 53%

Remark: E22110043-02#01

REmission 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	47.941	31.49	-25.11	40.0	8.51	Peak	179.00	100	Vertical	Pass
2	59.820	29.05	-26.24	40.0	10.95	Peak	345.70	100	Vertical	Pass
3	71.942	27.98	-30.08	40.0	12.02	Peak	125.20	100	Vertical	Pass
4	107.823	24.82	-26.74	43.5	18.68	Peak	61.50	100	Vertical	Pass
5	366.506	23.18	-21.94	46.0	22.82	Peak	337.90	100	Vertical	Pass
6	959.998	30.97	-9.30	46.0	15.03	Peak	340.80	100	Vertical	Pass

1-18G

WIFI2.4G-B-Middle channel-Horizontal-TX-Chain 1

Test result

Project Number: Certification

Test Time: 2023-06-10_11.28.17

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

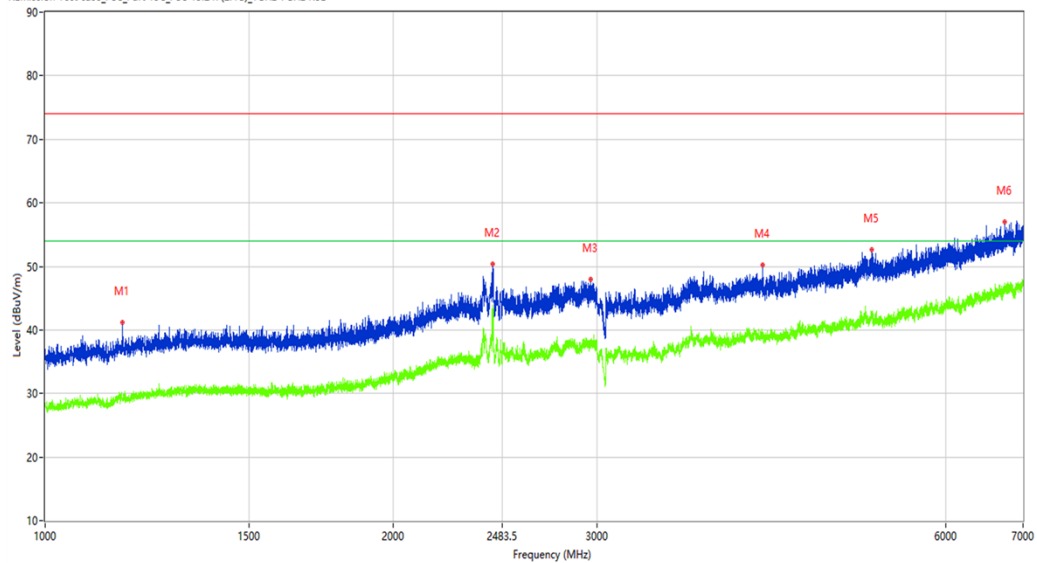
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

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	1167.000	41.19	-13.48	74.0	32.81	Peak	211.00	100	Horizontal	Pass
1**	1167.000	29.30	-13.48	54.0	24.70	AV	211.00	100	Horizontal	Pass
2	2437.750	50.36	-5.11	74.0	23.64	Peak	136.30	100	Horizontal	Pass
2**	2437.750	42.15	-5.11	54.0	11.85	AV	136.30	100	Horizontal	Pass
3	2959.250	48.01	-3.43	74.0	25.99	Peak	227.00	100	Horizontal	Pass
3**	2959.250	37.81	-3.43	54.0	16.19	AV	227.00	100	Horizontal	Pass
4	4169.000	50.22	-1.42	74.0	23.78	Peak	301.30	100	Horizontal	Pass
4**	4169.000	39.58	-1.42	54.0	14.42	AV	301.30	100	Horizontal	Pass
5	5176.500	52.64	1.13	74.0	21.36	Peak	30.70	100	Horizontal	Pass
5**	5176.500	42.25	1.13	54.0	11.75	AV	30.70	100	Horizontal	Pass
6	6750.500	56.94	4.86	74.0	17.06	Peak	15.10	100	Horizontal	Pass
6**	6750.500	46.04	4.86	54.0	7.96	AV	15.10	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_17.07.25

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

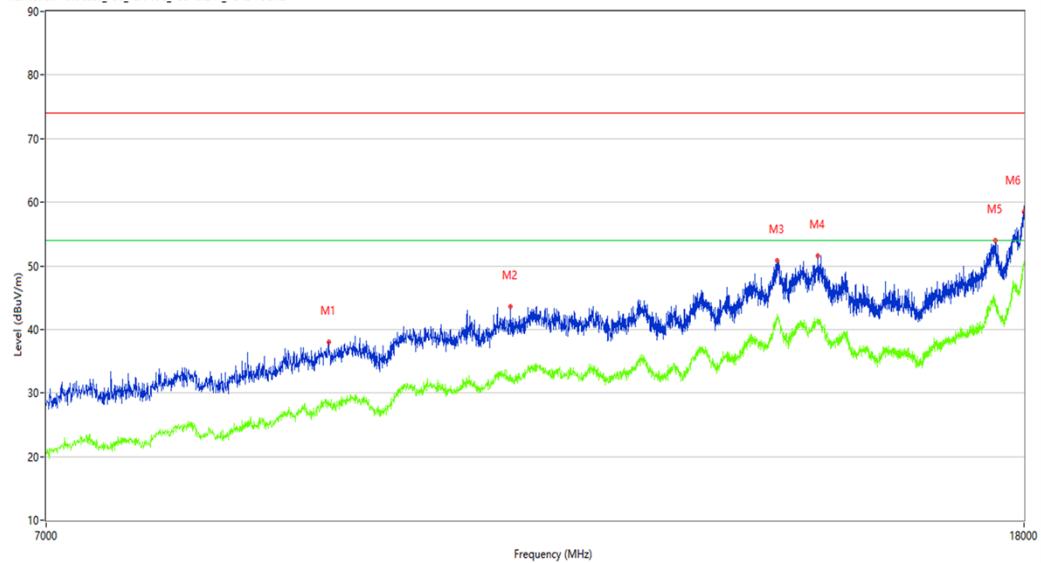
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

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	9197.250	37.99	6.94	74.0	36.01	Peak	0.00	100	Horizontal	Pass
1**	9197.250	28.37	6.94	54.0	25.63	AV	0.00	100	Horizontal	Pass
2	10962.750	43.62	11.05	74.0	30.38	Peak	1.44	100	Horizontal	Pass
2**	10962.750	32.07	11.05	54.0	21.93	AV	1.44	100	Horizontal	Pass
3	14180.250	50.76	19.52	74.0	23.24	Peak	0.36	100	Horizontal	Pass
3**	14180.250	42.06	19.52	54.0	11.94	AV	0.36	100	Horizontal	Pass
4	14752.250	51.63	18.74	74.0	22.37	Peak	0.00	100	Horizontal	Pass
4**	14752.250	41.71	18.74	54.0	12.29	AV	0.00	100	Horizontal	Pass
5	17507.750	53.95	21.01	74.0	20.05	Peak	0.36	100	Horizontal	Pass
5**	17507.750	43.52	21.01	54.0	10.48	AV	0.36	100	Horizontal	Pass
6	17994.500	58.49	27.58	74.0	15.51	Peak	0.36	100	Horizontal	Pass
6**	17994.500	50.51	27.58	54.0	3.49	AV	0.36	100	Horizontal	Pass

WIFI2.4G-B-Middle channel-Vertical-TX-Chain 1

Test result

Project Number: Certification

Test Time: 2023-06-10_11.20.42

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

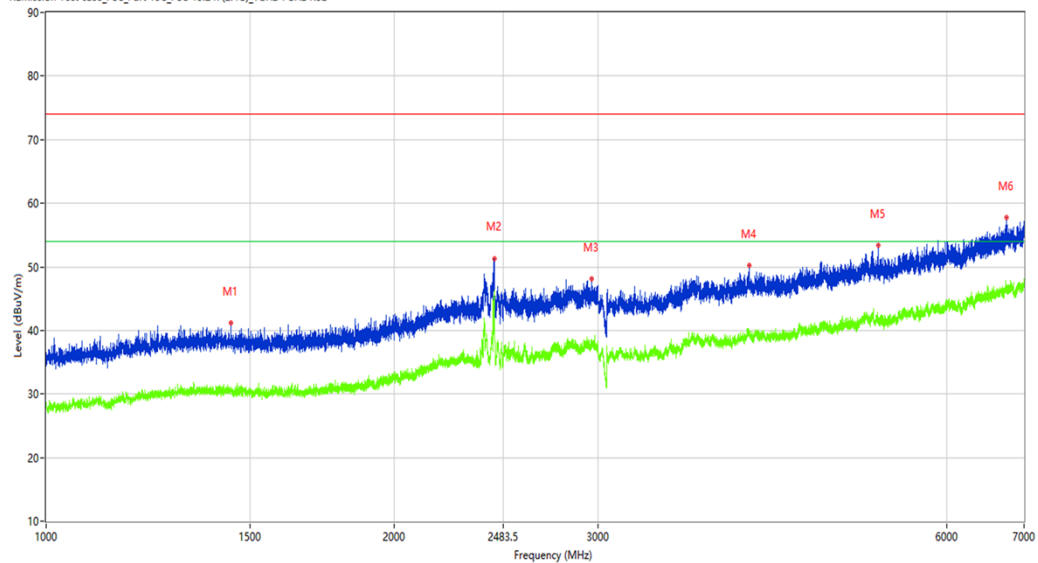
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

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	1444.750	41.13	-12.80	74.0	32.87	Peak	91.60	100	Vertical	Pass
1**	1444.750	30.71	-12.80	54.0	23.29	AV	91.60	100	Vertical	Pass
2	2439.000	51.35	-5.13	74.0	22.65	Peak	295.50	100	Vertical	Pass
2**	2439.000	45.38	-5.13	54.0	8.62	AV	295.50	100	Vertical	Pass
3	2962.750	48.06	-3.39	74.0	25.94	Peak	326.70	100	Vertical	Pass
3**	2962.750	37.93	-3.39	54.0	16.07	AV	326.70	100	Vertical	Pass
4	4050.500	50.26	-0.81	74.0	23.74	Peak	271.90	100	Vertical	Pass
4**	4050.500	39.89	-0.81	54.0	14.11	AV	271.90	100	Vertical	Pass
5	5236.000	53.39	0.43	74.0	20.61	Peak	178.10	100	Vertical	Pass
5**	5236.000	41.28	0.43	54.0	12.72	AV	178.10	100	Vertical	Pass
6	6764.000	57.78	5.00	74.0	16.22	Peak	271.90	100	Vertical	Pass
6**	6764.000	46.36	5.00	54.0	7.64	AV	271.90	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_17.04.54

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

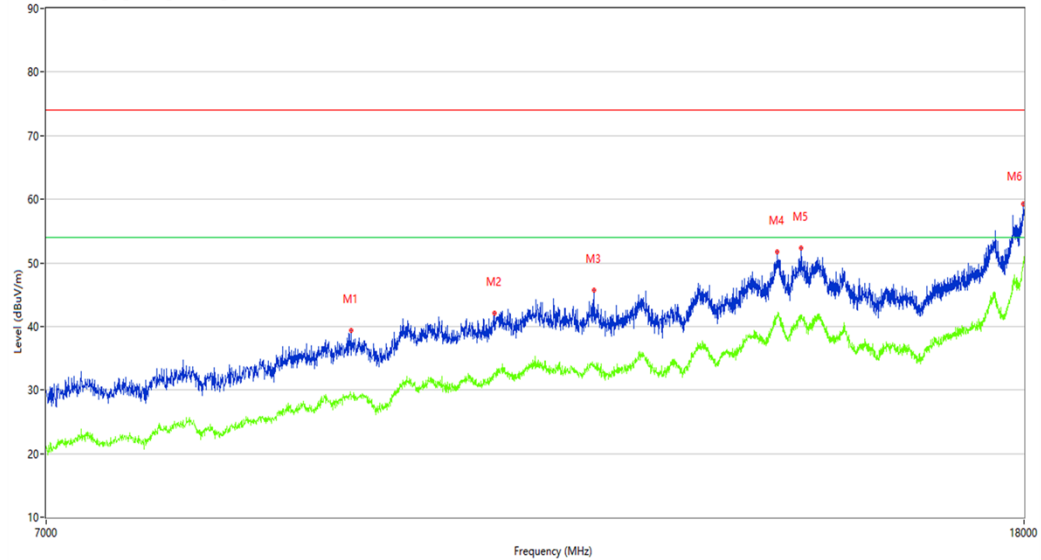
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

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	9398.000	39.36	7.66	74.0	34.64	Peak	0.00	100	Vertical	Pass
1**	9398.000	28.50	7.66	54.0	25.50	AV	0.00	100	Vertical	Pass
2	10795.000	42.07	10.41	74.0	31.93	Peak	0.36	100	Vertical	Pass
2**	10795.000	32.68	10.41	54.0	21.32	AV	0.36	100	Vertical	Pass
3	11878.500	45.72	12.00	74.0	28.28	Peak	0.00	100	Vertical	Pass
3**	11878.500	34.11	12.00	54.0	19.89	AV	0.00	100	Vertical	Pass
4	14183.000	51.80	19.60	74.0	22.20	Peak	0.00	100	Vertical	Pass
4**	14183.000	41.82	19.60	54.0	12.18	AV	0.00	100	Vertical	Pass
5	14515.750	52.33	17.59	74.0	21.67	Peak	1.80	100	Vertical	Pass
5**	14515.750	41.21	17.59	54.0	12.79	AV	1.80	100	Vertical	Pass
6	17986.251	59.32	27.07	74.0	14.68	Peak	0.00	100	Vertical	Pass
6**	17986.251	49.95	27.07	54.0	4.05	AV	0.00	100	Vertical	Pass

WIFI2.4G-N40-Low channel-Horizontal-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_11.32.14

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

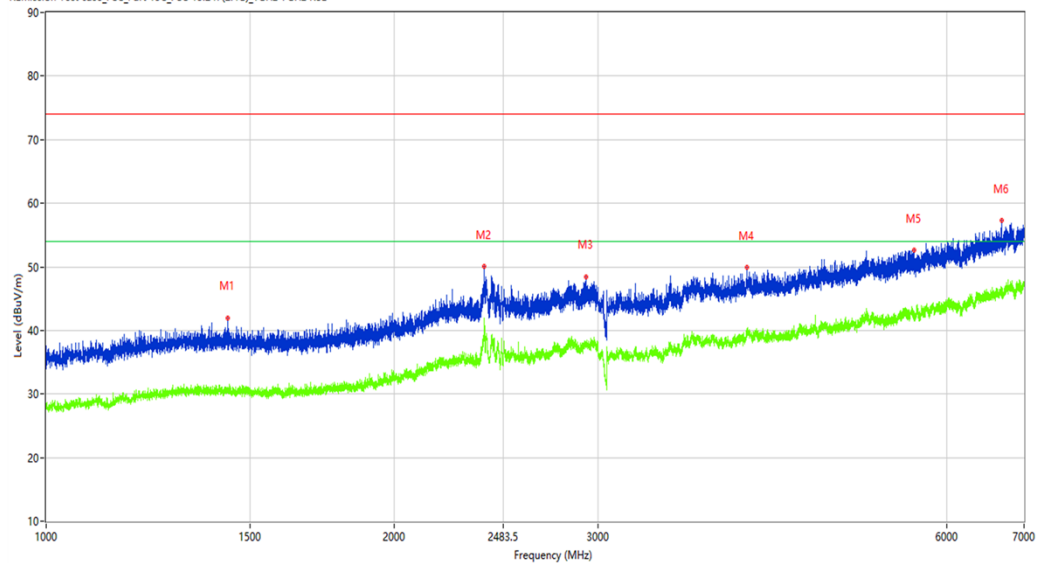
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

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	1436.250	42.00	-12.67	74.0	32.00	Peak	321.50	100	Horizontal	Pass
1**	1436.250	30.20	-12.67	54.0	23.80	AV	321.50	100	Horizontal	Pass
2	2391.750	50.05	-4.53	74.0	23.95	Peak	305.90	100	Horizontal	Pass
2**	2391.750	40.91	-4.53	54.0	13.09	AV	305.90	100	Horizontal	Pass
3	2926.500	48.47	-4.27	74.0	25.53	Peak	60.30	100	Horizontal	Pass
3**	2926.500	37.88	-4.27	54.0	16.12	AV	60.30	100	Horizontal	Pass
4	4035.000	49.91	-0.92	74.0	24.09	Peak	254.00	100	Horizontal	Pass
4**	4035.000	39.71	-0.92	54.0	14.29	AV	254.00	100	Horizontal	Pass
5	5625.500	52.65	1.80	74.0	21.35	Peak	287.90	100	Horizontal	Pass
5**	5625.500	42.02	1.80	54.0	11.98	AV	287.90	100	Horizontal	Pass
6	6694.000	57.26	4.48	74.0	16.74	Peak	0.00	100	Horizontal	Pass
6**	6694.000	45.77	4.48	54.0	8.23	AV	0.00	100	Horizontal	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_17.06.43

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

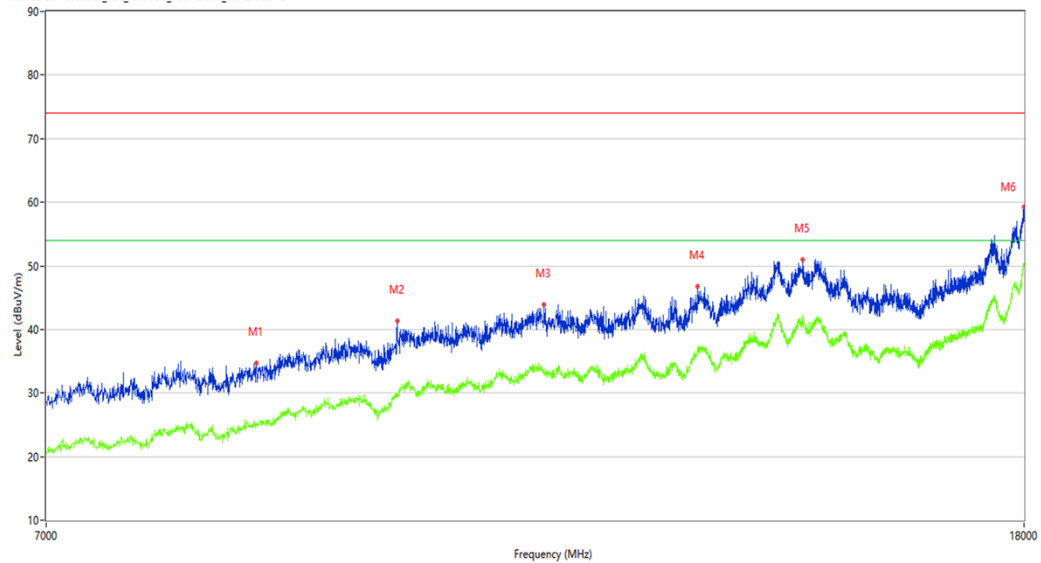
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

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	8575.750	34.64	4.15	74.0	39.36	Peak	0.72	100	Horizontal	Pass
1**	8575.750	24.80	4.15	54.0	29.20	AV	0.72	100	Horizontal	Pass
2	9824.250	41.36	8.53	74.0	32.64	Peak	0.00	100	Horizontal	Pass
2**	9824.250	29.92	8.53	54.0	24.08	AV	0.00	100	Horizontal	Pass
3	11323.000	43.91	12.13	74.0	30.09	Peak	0.72	100	Horizontal	Pass
3**	11323.000	33.06	12.13	54.0	20.94	AV	0.72	100	Horizontal	Pass
4	13135.250	46.74	13.91	74.0	27.26	Peak	0.00	100	Horizontal	Pass
4**	13135.250	37.11	13.91	54.0	16.89	AV	0.00	100	Horizontal	Pass
5	14535.000	51.02	17.44	74.0	22.98	Peak	0.00	100	Horizontal	Pass
5**	14535.000	41.44	17.44	54.0	12.56	AV	0.00	100	Horizontal	Pass
6	17994.500	59.19	27.58	74.0	14.81	Peak	0.00	100	Horizontal	Pass
6**	17994.500	50.33	27.58	54.0	3.67	AV	0.00	100	Horizontal	Pass

WIFI2.4G-N40-Low channel-Vertical-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_12:55:04

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

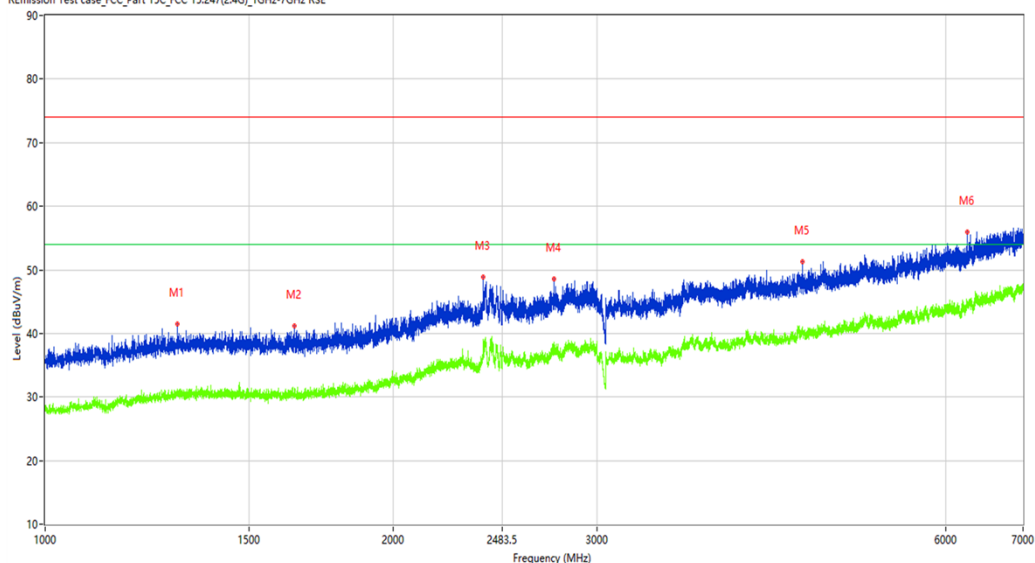
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

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	1300.500	41.49	-12.78	74.0	32.51	Peak	218.10	100	Vertical	Pass
1**	1300.500	30.32	-12.78	54.0	23.68	AV	218.10	100	Vertical	Pass
2	1641.500	41.20	-12.96	74.0	32.80	Peak	218.10	100	Vertical	Pass
2**	1641.500	30.17	-12.96	54.0	23.83	AV	218.10	100	Vertical	Pass
3	2392.000	48.91	-4.15	74.0	25.09	Peak	159.30	100	Vertical	Pass
3**	2392.000	39.01	-4.15	54.0	14.99	AV	159.30	100	Vertical	Pass
4	2751.250	48.50	-5.07	74.0	25.50	Peak	360.00	100	Vertical	Pass
4**	2751.250	37.16	-5.07	54.0	16.84	AV	360.00	100	Vertical	Pass
5	4511.000	51.30	-0.03	74.0	22.70	Peak	133.40	100	Vertical	Pass
5**	4511.000	39.86	-0.03	54.0	14.14	AV	133.40	100	Vertical	Pass
6	6269.500	55.93	3.09	74.0	18.07	Peak	360.00	100	Vertical	Pass
6**	6269.500	45.13	3.09	54.0	8.87	AV	360.00	100	Vertical	Pass

Test result

Project Number: Certification

Test Time: 2023-06-10_17.15.44

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

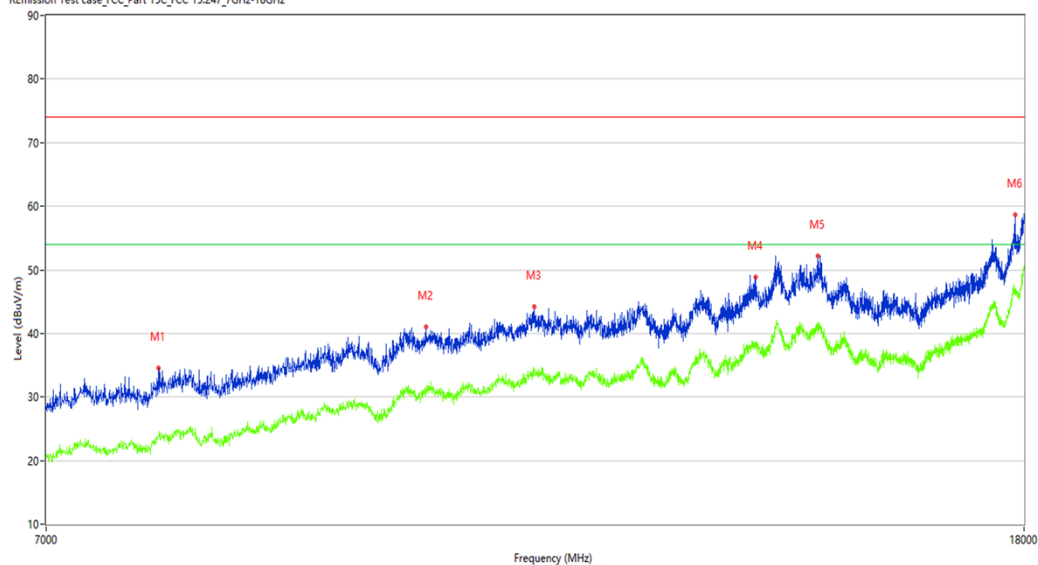
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

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	7800.250	34.54	2.64	74.0	39.46	Peak	0.36	100	Vertical	Pass
1**	7800.250	23.92	2.64	54.0	30.08	AV	0.36	100	Vertical	Pass
2	10099.250	41.06	9.47	74.0	32.94	Peak	1.44	100	Vertical	Pass
2**	10099.250	31.77	9.47	54.0	22.23	AV	1.44	100	Vertical	Pass
3	11213.000	44.18	11.41	74.0	29.82	Peak	1.44	100	Vertical	Pass
3**	11213.000	34.34	11.41	54.0	19.66	AV	1.44	100	Vertical	Pass
4	13886.000	48.81	15.43	74.0	25.19	Peak	0.36	100	Vertical	Pass
4**	13886.000	38.64	15.43	54.0	15.36	AV	0.36	100	Vertical	Pass
5	14752.250	52.11	18.74	74.0	21.89	Peak	0.36	100	Vertical	Pass
5**	14752.250	41.67	18.74	54.0	12.33	AV	0.36	100	Vertical	Pass
6	17843.249	58.66	22.49	74.0	15.34	Peak	0.00	100	Vertical	Pass
6**	17843.249	47.13	22.49	54.0	6.87	AV	0.00	100	Vertical	Pass

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

Test result

Project Number: Certification

Test Time: 2023-06-10_18.42.04

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

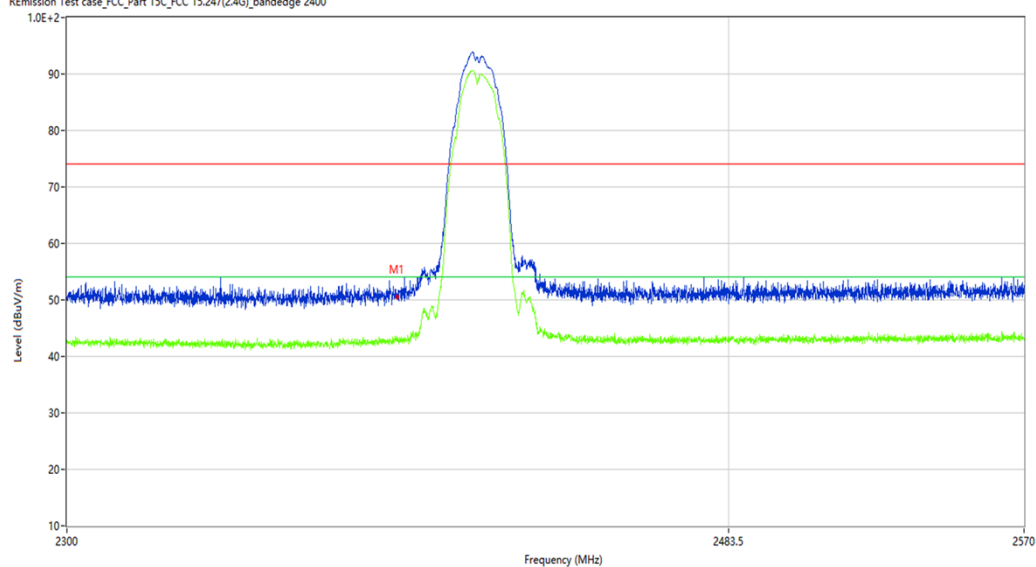
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

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	50.51	-9.96	74.0	23.49	Peak	3.12	100	Horizontal	Pass
1**	2390.000	42.76	-9.96	54.0	11.24	AV	3.12	100	Horizontal	Pass

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

Test result

Project Number: Certification

Test Time: 2023-06-10_18.41.16

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

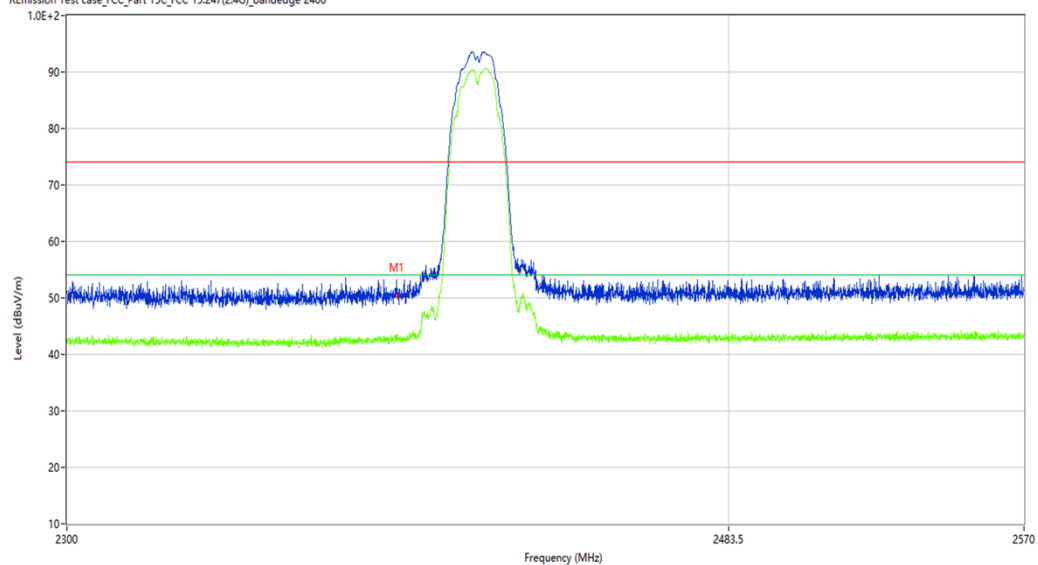
Test Standard: FCC Part 15C

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

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	50.37	-9.96	74.0	23.63	Peak	1.92	0	Vertical	Pass
1**	2390.000	42.69	-9.96	54.0	11.31	AV	1.92	0	Vertical	Pass