

EXHIBIT A- RADIATED SPURIOUS EMISSION DATA

Note : Transmit frequency is ignore ,mark →

30M-1G

WIFI5GB4-Horizontal-TX

Test result

Project Number: Certification

Test Time: 2023-06-10_10.36.03

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 23.4

Hum.: 53%

Test Engineer: LYG

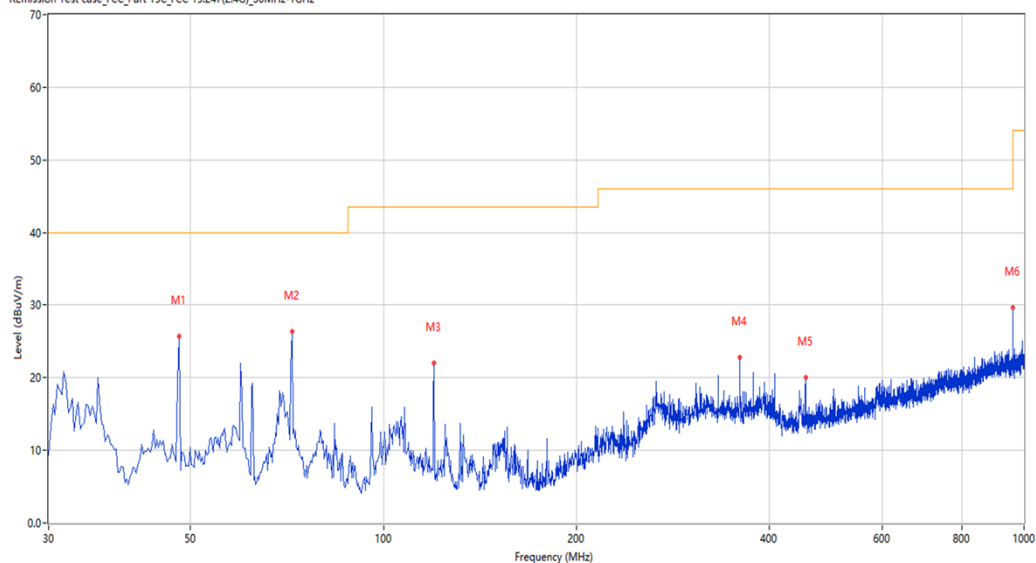
Test Standard: FCC Part 15E

Work Addition: N.A

Load: Full load

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	25.65	-25.11	40.0	14.35	Peak	51.40	100	Horizontal	Pass
2	71.942	26.39	-30.08	40.0	13.61	Peak	22.70	100	Horizontal	Pass
3	119.945	22.05	-28.31	43.5	21.45	Peak	223.20	100	Horizontal	Pass
4	359.960	22.80	-22.28	46.0	23.20	Peak	161.90	100	Horizontal	Pass
5	455.966	19.99	-19.83	46.0	26.01	Peak	219.90	100	Horizontal	Pass
6	959.998	29.62	-9.30	46.0	16.38	Peak	85.30	100	Horizontal	Pass

WIFI5GB4-Vertical -TX

Test result

Project Number: Certification

Test Time: 2023-06-10_10.38.35

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: N.A

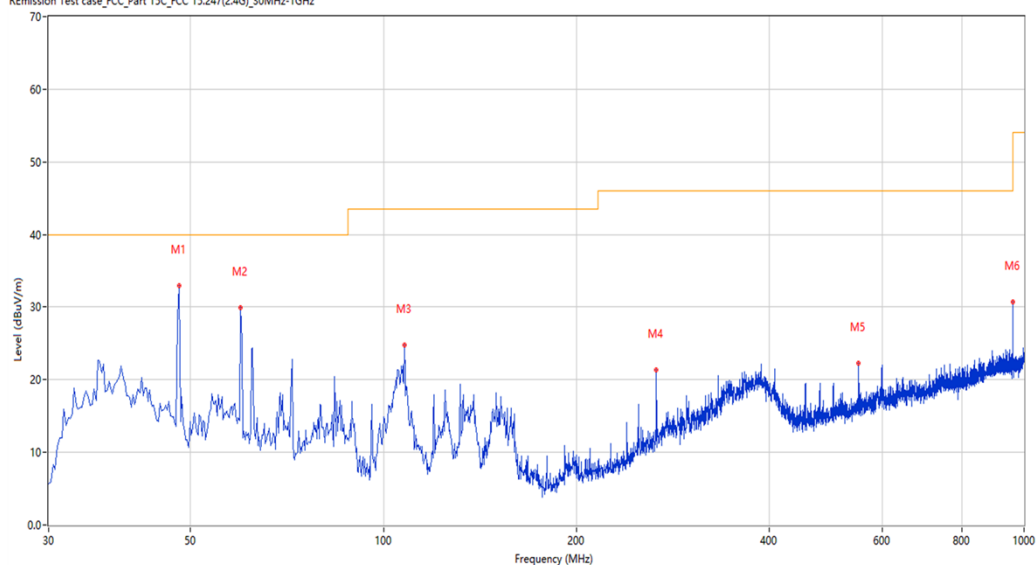
Temp.(oC): 23.4

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	32.95	-25.11	40.0	7.05	Peak	178.30	100	Vertical	Pass
2	59.820	29.91	-26.24	40.0	10.09	Peak	330.80	100	Vertical	Pass
3	107.823	24.84	-26.74	43.5	18.66	Peak	203.60	100	Vertical	Pass
4	266.378	21.40	-24.47	46.0	24.60	Peak	82.60	100	Vertical	Pass
5	551.972	22.26	-17.25	46.0	23.74	Peak	215.50	100	Vertical	Pass
6	959.998	30.73	-9.30	46.0	15.27	Peak	2.00	100	Vertical	Pass

1G-18G

WIFI5GB1-A-Low channel-Horizontal-TX-Chain2

Test result

Project Number: Certification

Test Time: 2023-06-10_14.17.57

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

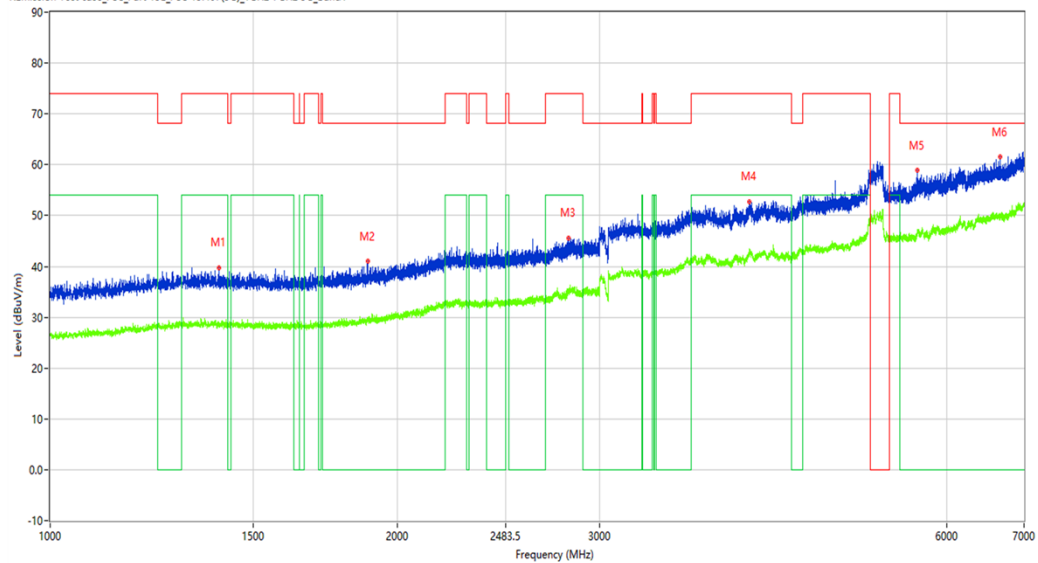
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1401.750	39.78	-14.47	74.0	34.22	Peak	157.50	100	Horizontal	Pass
1**	1401.750	28.31	-14.47	54.0	25.69	AV	157.50	100	Horizontal	Pass
2	1885.750	41.03	-13.83	68.2	27.17	Peak	51.50	100	Horizontal	Pass
2**	1885.750	30.02	-13.83	—	-30.02	AV	51.50	100	Horizontal	N/A
3	2818.500	45.62	-6.88	74.0	28.38	Peak	109.90	100	Horizontal	Pass
3**	2818.500	35.50	-6.88	54.0	18.50	AV	109.90	100	Horizontal	Pass
4	4043.000	52.72	2.30	74.0	21.28	Peak	0.60	100	Horizontal	Pass
4**	4043.000	43.04	2.30	54.0	10.96	AV	0.60	100	Horizontal	Pass
5	5658.500	58.88	5.57	68.2	9.32	Peak	360.00	100	Horizontal	Pass
5**	5658.500	47.27	5.57	—	-47.27	AV	360.00	100	Horizontal	N/A
6	6675.000	61.60	8.57	68.2	6.60	Peak	360.00	100	Horizontal	Pass
6**	6675.000	49.43	8.57	—	-49.43	AV	360.00	100	Horizontal	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_16.48.43

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

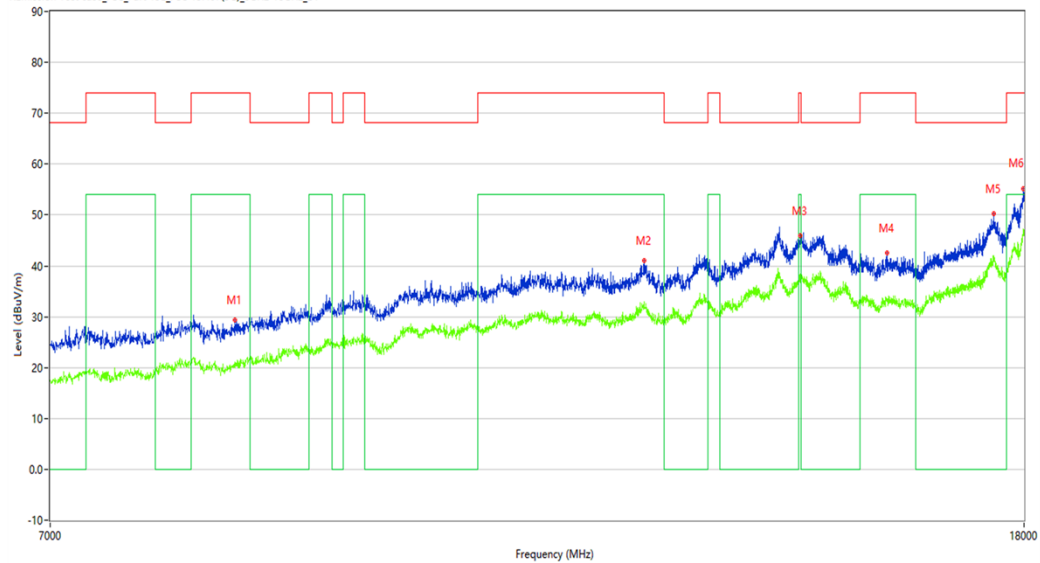
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

R Emission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8372.250	29.27	8.96	74.0	44.73	Peak	4.32	100	Horizontal	Pass
1**	8372.250	21.10	8.96	54.0	32.90	AV	4.32	100	Horizontal	Pass
2	12453.250	41.13	17.52	74.0	32.87	Peak	8.64	100	Horizontal	Pass
2**	12453.250	32.94	17.52	54.0	21.06	AV	8.64	100	Horizontal	Pass
3	14493.750	45.96	22.75	74.0	28.04	Peak	7.92	100	Horizontal	Pass
3**	14493.750	38.44	22.75	54.0	15.56	AV	7.92	100	Horizontal	Pass
4	15767.000	42.62	16.62	74.0	31.38	Peak	7.20	100	Horizontal	Pass
4**	15767.000	33.34	16.62	54.0	20.66	AV	7.20	100	Horizontal	Pass
5	17477.501	50.35	26.39	68.2	17.85	Peak	9.36	100	Horizontal	Pass
5**	17477.501	41.15	26.39	—	-41.15	AV	9.36	100	Horizontal	N/A
6	17988.999	55.10	32.24	74.0	18.90	Peak	9.36	100	Horizontal	Pass
6**	17988.999	47.19	32.24	54.0	6.81	AV	9.36	100	Horizontal	Pass

WIFI5GB1-A-Low channel-Vertical-TX-Chain 2

Test result

Project Number: Certification

Test Time: 2023-06-10_14.27.19

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

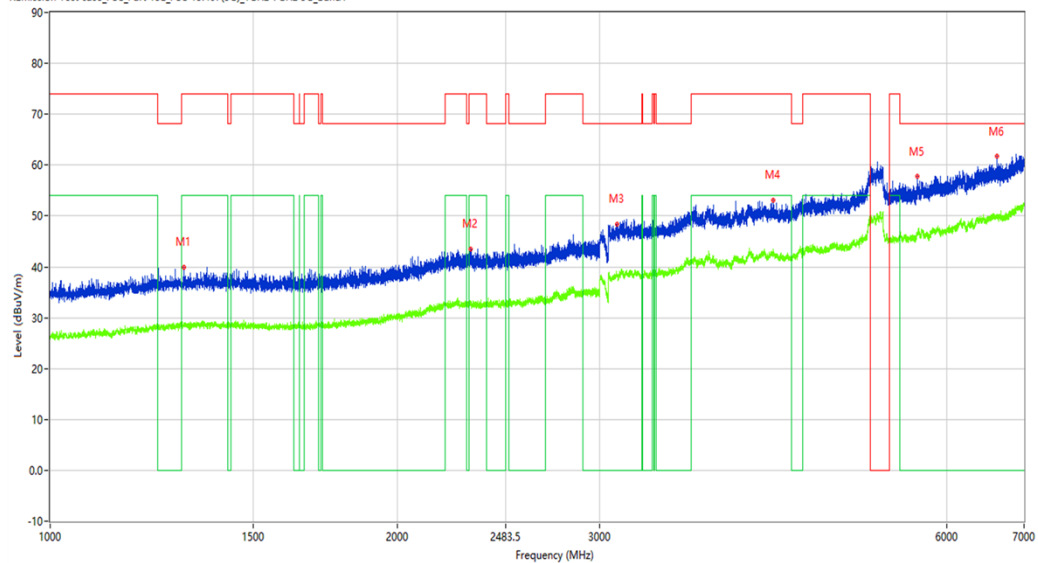
Test Standard: FCC Part 15E

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz_5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1306.250	39.97	-14.43	74.0	34.03	Peak	360.00	100	Vertical	Pass
1**	1306.250	28.79	-14.43	54.0	25.21	AV	360.00	100	Vertical	Pass
2	2317.250	43.54	-10.18	74.0	30.46	Peak	190.60	100	Vertical	Pass
2**	2317.250	33.24	-10.18	54.0	20.76	AV	190.60	100	Vertical	Pass
3	3103.000	48.39	-2.65	68.2	19.81	Peak	360.00	100	Vertical	Pass
3**	3103.000	38.02	-2.65	—	-38.02	AV	360.00	100	Vertical	N/A
4	4243.000	53.11	1.98	74.0	20.89	Peak	1.00	100	Vertical	Pass
4**	4243.000	43.14	1.98	54.0	10.86	AV	1.00	100	Vertical	Pass
5	5653.500	57.71	5.58	68.2	10.49	Peak	138.60	100	Vertical	Pass
5**	5653.500	46.38	5.58	—	-46.38	AV	138.60	100	Vertical	N/A
6	6628.500	61.73	8.85	68.2	6.47	Peak	265.20	100	Vertical	Pass
6**	6628.500	49.98	8.85	—	-49.98	AV	265.20	100	Vertical	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_16.57.24

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

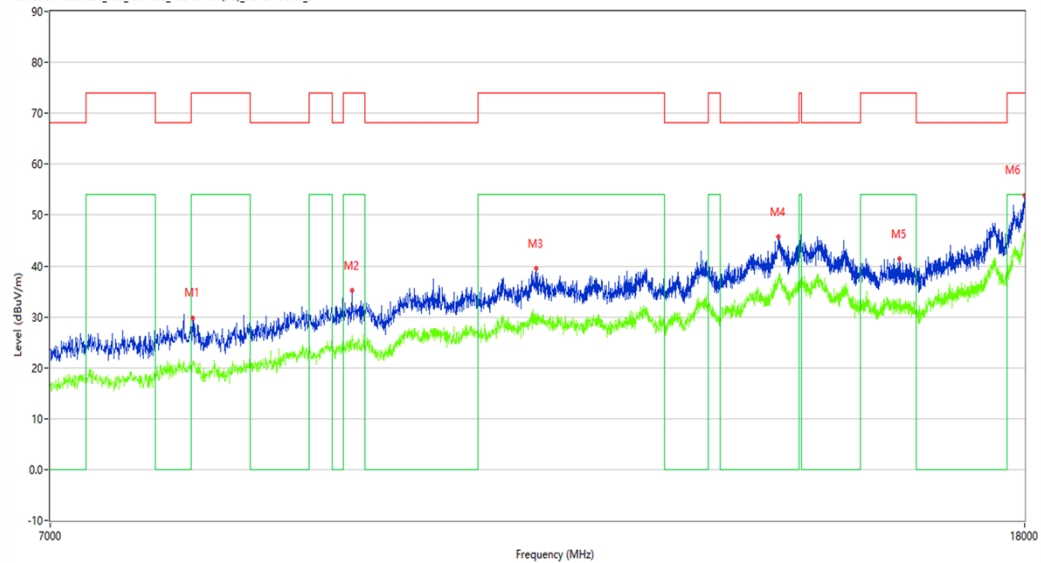
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8039.500	29.76	9.48	74.0	44.24	Peak	0.36	100	Vertical	Pass
1**	8039.500	20.52	9.48	54.0	33.48	AV	0.36	100	Vertical	Pass
2	9378.750	35.26	12.64	74.0	38.74	Peak	0.00	100	Vertical	Pass
2**	9378.750	26.36	12.64	54.0	27.64	AV	0.00	100	Vertical	Pass
3	11210.250	39.49	16.38	74.0	34.51	Peak	1.44	100	Vertical	Pass
3**	11210.250	29.87	16.38	54.0	24.13	AV	1.44	100	Vertical	Pass
4	14183.000	45.71	24.60	68.2	22.49	Peak	1.44	100	Vertical	Pass
4**	14183.000	37.36	24.60	—	-37.36	AV	1.44	100	Vertical	N/A
5	15948.500	41.33	18.07	74.0	32.67	Peak	0.36	100	Vertical	Pass
5**	15948.500	33.66	18.07	54.0	20.34	AV	0.36	100	Vertical	Pass
6	17997.251	53.90	32.75	74.0	20.10	Peak	0.36	100	Vertical	Pass
6**	17997.251	46.65	32.75	54.0	7.35	AV	0.36	100	Vertical	Pass

WIFI5GB1-N20-Low channel-Horizontal-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_13.55.18

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

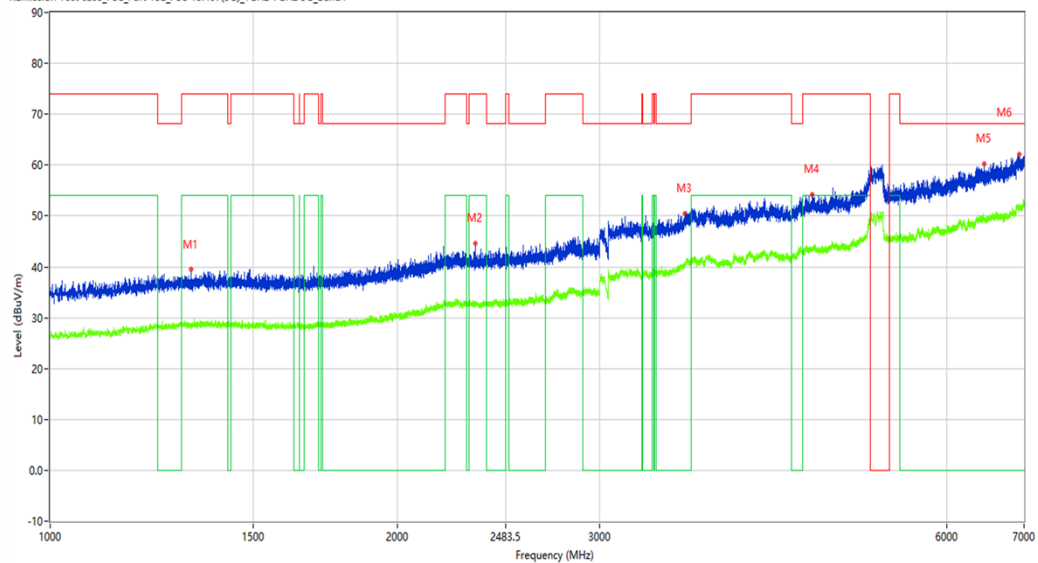
Test Standard: FCC Part 15E

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1324.750	39.44	-14.60	74.0	34.56	Peak	360.00	100	Horizontal	Pass
1**	1324.750	28.67	-14.60	54.0	25.33	AV	360.00	100	Horizontal	Pass
2	2340.000	44.66	-10.30	74.0	29.34	Peak	250.30	100	Horizontal	Pass
2**	2340.000	32.66	-10.30	54.0	21.34	AV	250.30	100	Horizontal	Pass
3	3552.500	50.47	0.80	68.2	17.73	Peak	270.40	100	Horizontal	Pass
3**	3552.500	40.46	0.80	—	-40.46	AV	270.40	100	Horizontal	N/A
4	4586.000	54.24	2.71	74.0	19.76	Peak	0.00	100	Horizontal	Pass
4**	4586.000	43.46	2.71	54.0	10.54	AV	0.00	100	Horizontal	Pass
5	6466.000	60.31	7.95	68.2	7.89	Peak	34.00	100	Horizontal	Pass
5**	6466.000	49.33	7.95	—	-49.33	AV	34.00	100	Horizontal	N/A
6	6939.000	62.19	9.79	68.2	6.01	Peak	97.70	100	Horizontal	Pass
6**	6939.000	51.98	9.79	—	-51.98	AV	97.70	100	Horizontal	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_16.53.23

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

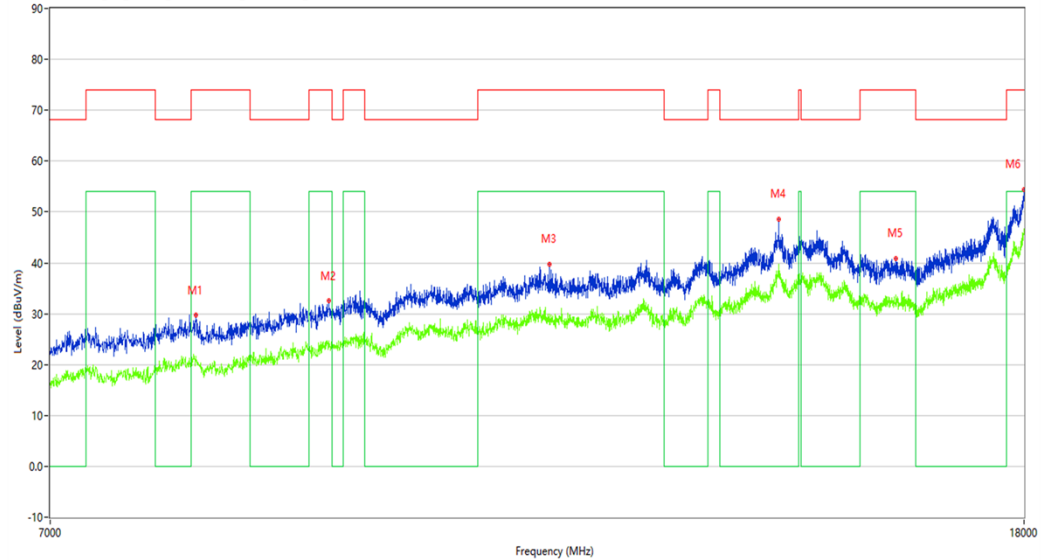
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8061.500	29.70	9.27	74.0	44.30	Peak	0.00	100	Horizontal	Pass
1**	8061.500	21.59	9.27	54.0	32.41	AV	0.00	100	Horizontal	Pass
2	9175.250	32.55	12.22	74.0	41.45	Peak	1.44	100	Horizontal	Pass
2**	9175.250	24.61	12.22	54.0	29.39	AV	1.44	100	Horizontal	Pass
3	11358.750	39.75	16.88	74.0	34.25	Peak	0.00	100	Horizontal	Pass
3**	11358.750	29.98	16.88	54.0	24.02	AV	0.00	100	Horizontal	Pass
4	14188.500	48.59	24.75	68.2	19.61	Peak	1.44	100	Horizontal	Pass
4**	14188.500	39.73	24.75	—	-39.73	AV	1.44	100	Horizontal	N/A
5	15896.250	40.86	17.79	74.0	33.14	Peak	0.00	100	Horizontal	Pass
5**	15896.250	33.65	17.79	54.0	20.35	AV	0.00	100	Horizontal	Pass
6	17994.500	54.49	32.58	74.0	19.51	Peak	2.88	100	Horizontal	Pass
6**	17994.500	45.92	32.58	54.0	8.08	AV	2.88	100	Horizontal	Pass

WIFI5GB1-N20-Low channel-Vertical-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_14.24.39

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

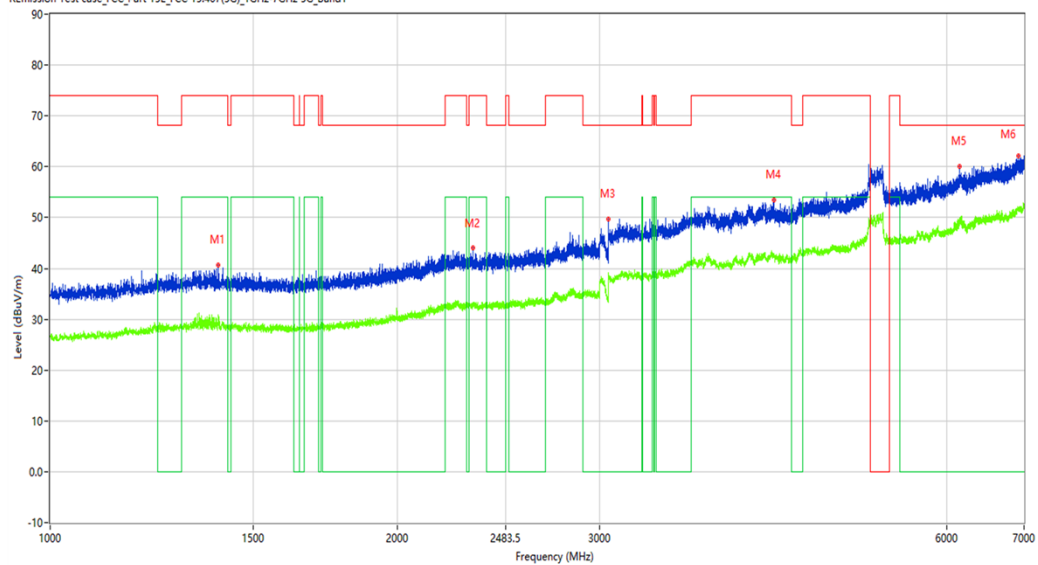
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1400.000	40.74	-14.46	74.0	33.26	Peak	0.00	100	Vertical	Pass
1**	1400.000	30.96	-14.46	54.0	23.04	AV	0.00	100	Vertical	Pass
2	2328.250	44.00	-10.20	74.0	30.00	Peak	3.10	100	Vertical	Pass
2**	2328.250	33.39	-10.20	54.0	20.61	AV	3.10	100	Vertical	Pass
3	3051.000	49.79	-2.71	68.2	18.41	Peak	360.00	100	Vertical	Pass
3**	3051.000	38.67	-2.71	—	-38.67	AV	360.00	100	Vertical	N/A
4	4247.000	53.50	1.92	74.0	20.50	Peak	72.40	100	Vertical	Pass
4**	4247.000	42.40	1.92	54.0	11.60	AV	72.40	100	Vertical	Pass
5	6155.500	60.11	7.46	68.2	8.09	Peak	360.00	100	Vertical	Pass
5**	6155.500	49.38	7.46	—	-49.38	AV	360.00	100	Vertical	N/A
6	6923.000	62.14	9.79	68.2	6.06	Peak	188.50	100	Vertical	Pass
6**	6923.000	51.65	9.79	—	-51.65	AV	188.50	100	Vertical	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_17.08.13

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

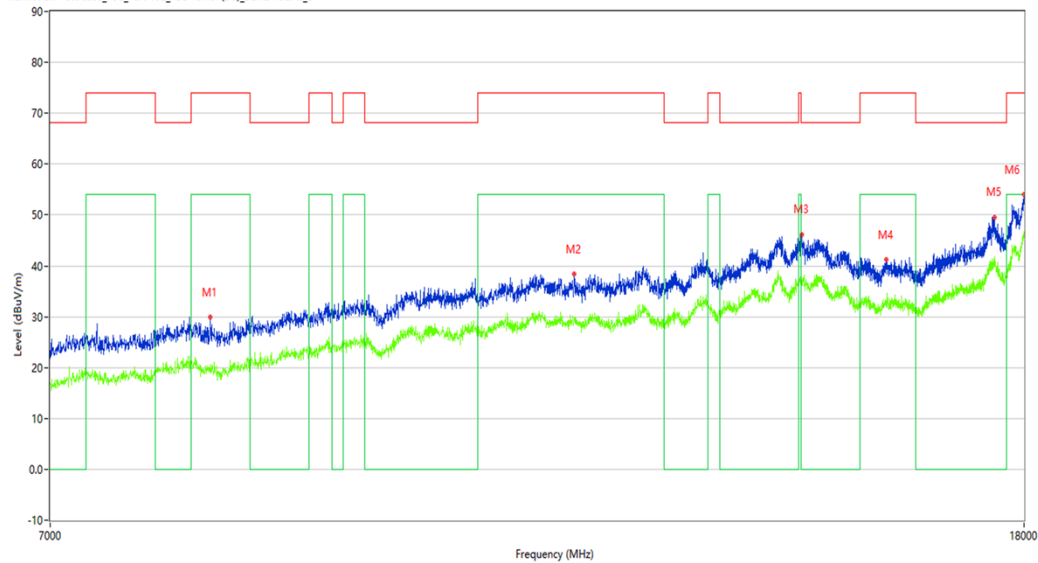
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8177.000	29.99	8.34	74.0	44.01	Peak	2.16	100	Vertical	Pass
1**	8177.000	20.57	8.34	54.0	33.43	AV	2.16	100	Vertical	Pass
2	11633.750	38.38	16.12	74.0	35.62	Peak	2.16	100	Vertical	Pass
2**	11633.750	29.47	16.12	54.0	24.53	AV	2.16	100	Vertical	Pass
3	14515.750	46.16	22.59	68.2	22.04	Peak	2.16	100	Vertical	Pass
3**	14515.750	37.19	22.59	—	-37.19	AV	2.16	100	Vertical	N/A
4	15753.250	41.30	16.53	74.0	32.70	Peak	3.60	100	Vertical	Pass
4**	15753.250	31.96	16.53	54.0	22.04	AV	3.60	100	Vertical	Pass
5	17491.249	49.47	26.40	68.2	18.73	Peak	2.16	100	Vertical	Pass
5**	17491.249	41.62	26.40	—	-41.62	AV	2.16	100	Vertical	N/A
6	17994.500	54.03	32.58	74.0	19.97	Peak	1.44	100	Vertical	Pass
6**	17994.500	45.60	32.58	54.0	8.40	AV	1.44	100	Vertical	Pass

WIFI5GB1-AC40-Low channel-Horizontal-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_14.20.16

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

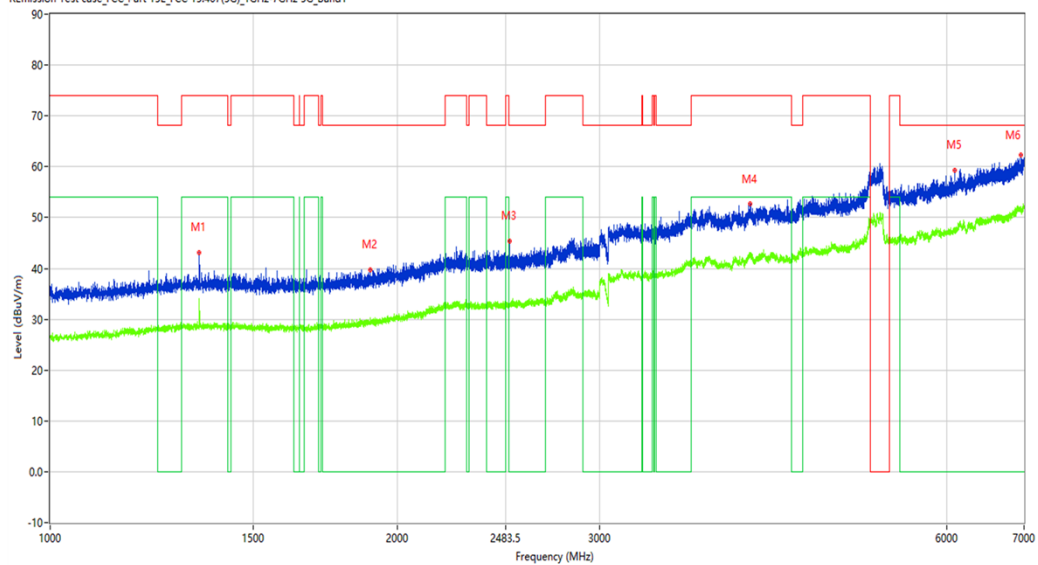
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.500	43.10	-14.40	74.0	30.90	Peak	229.20	100	Horizontal	Pass
1**	1347.500	34.12	-14.40	54.0	19.88	AV	229.20	100	Horizontal	Pass
2	1895.750	39.79	-13.78	68.2	28.41	Peak	183.80	100	Horizontal	Pass
2**	1895.750	29.58	-13.78	—	-29.58	AV	183.80	100	Horizontal	N/A
3	2505.250	45.40	-9.45	68.2	22.80	Peak	245.90	100	Horizontal	Pass
3**	2505.250	32.88	-9.45	—	-32.88	AV	245.90	100	Horizontal	N/A
4	4046.500	52.70	2.33	74.0	21.30	Peak	235.00	100	Horizontal	Pass
4**	4046.500	42.63	2.33	54.0	11.37	AV	235.00	100	Horizontal	Pass
5	6091.000	59.26	6.56	68.2	8.94	Peak	319.90	100	Horizontal	Pass
5**	6091.000	47.69	6.56	—	-47.69	AV	319.90	100	Horizontal	N/A
6	6954.500	62.27	9.80	68.2	5.93	Peak	235.00	100	Horizontal	Pass
6**	6954.500	52.06	9.80	—	-52.06	AV	235.00	100	Horizontal	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_16.52.38

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

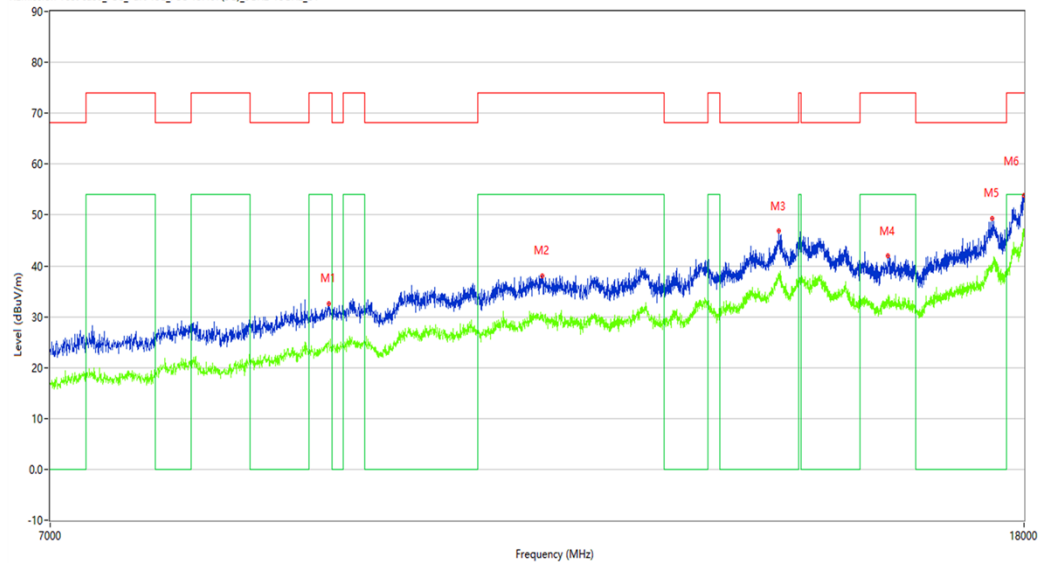
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

R/Emission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	9175.250	32.57	12.22	74.0	41.43	Peak	3.96	100	Horizontal	Pass
1**	9175.250	24.84	12.22	54.0	29.16	AV	3.96	100	Horizontal	Pass
2	11284.500	38.09	17.34	74.0	35.91	Peak	0.00	100	Horizontal	Pass
2**	11284.500	29.39	17.34	54.0	24.61	AV	0.00	100	Horizontal	Pass
3	14194.000	46.81	24.63	68.2	21.39	Peak	1.80	100	Horizontal	Pass
3**	14194.000	38.51	24.63	—	-38.51	AV	1.80	100	Horizontal	N/A
4	15778.000	41.91	16.69	74.0	32.09	Peak	3.96	100	Horizontal	Pass
4**	15778.000	32.55	16.69	54.0	21.45	AV	3.96	100	Horizontal	Pass
5	17458.250	49.29	26.03	68.2	18.91	Peak	3.24	100	Horizontal	Pass
5**	17458.250	40.52	26.03	—	-40.52	AV	3.24	100	Horizontal	N/A
6	17997.251	53.92	32.75	74.0	20.08	Peak	2.52	100	Horizontal	Pass
6**	17997.251	46.70	32.75	54.0	7.30	AV	2.52	100	Horizontal	Pass

WIFI5GB1-AC40-Low channel-Vertical-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_14.29.49

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

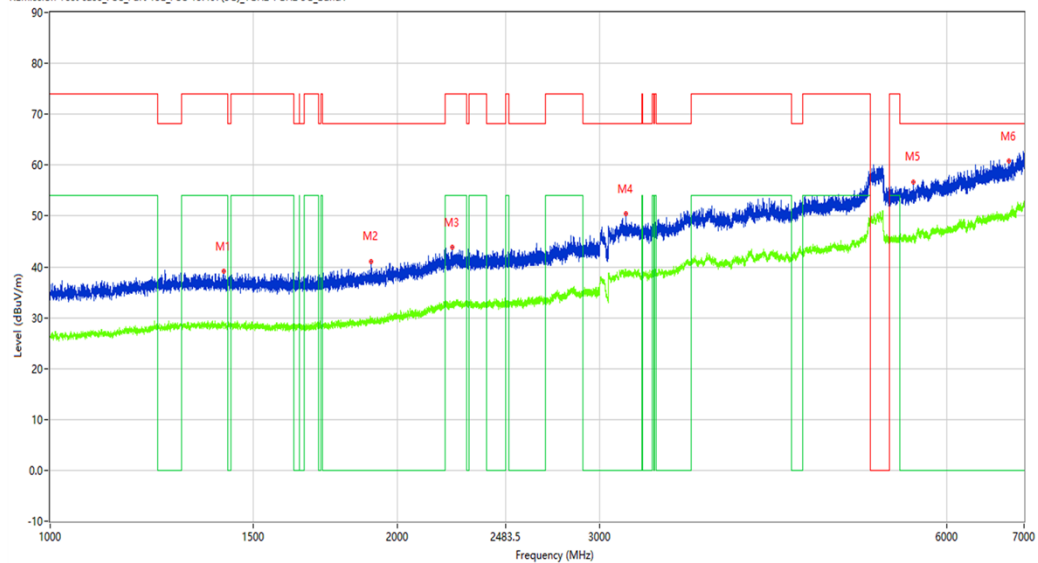
Test Standard: FCC Part 15E

Work Addition: TX

Load: Full load

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz 5G_Band1



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1413.500	39.12	-14.46	74.0	34.88	Peak	236.70	100	Vertical	Pass
1**	1413.500	29.14	-14.46	54.0	24.86	AV	236.70	100	Vertical	Pass
2	1900.250	41.04	-13.76	68.2	27.16	Peak	299.20	100	Vertical	Pass
2**	1900.250	29.48	-13.76	—	-29.48	AV	299.20	100	Vertical	N/A
3	2232.750	43.83	-10.34	74.0	30.17	Peak	44.70	100	Vertical	Pass
3**	2232.750	32.59	-10.34	54.0	21.41	AV	44.70	100	Vertical	Pass
4	3158.500	50.43	-1.79	68.2	17.77	Peak	318.00	100	Vertical	Pass
4**	3158.500	39.60	-1.79	—	-39.60	AV	318.00	100	Vertical	N/A
5	5615.000	56.76	5.01	68.2	11.44	Peak	220.10	100	Vertical	Pass
5**	5615.000	45.91	5.01	—	-45.91	AV	220.10	100	Vertical	N/A
6	6791.000	60.82	8.60	68.2	7.38	Peak	102.20	100	Vertical	Pass
6**	6791.000	50.29	8.60	—	-50.29	AV	102.20	100	Vertical	N/A