

Test result

Project Number: Certification

Test Time: 2023-06-10_17.25.42

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

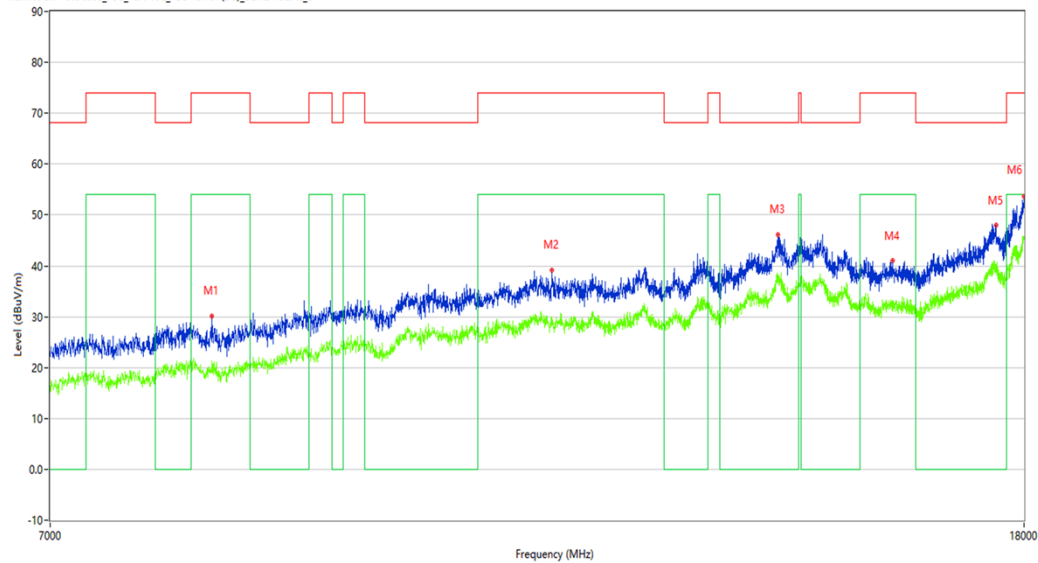
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#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	8190.750	30.13	8.56	74.0	43.87	Peak	1.44	100	Horizontal	Pass
1**	8190.750	21.33	8.56	54.0	32.67	AV	1.44	100	Horizontal	Pass
2	11389.000	39.20	16.67	74.0	34.80	Peak	0.00	100	Horizontal	Pass
2**	11389.000	30.00	16.67	54.0	24.00	AV	0.00	100	Horizontal	Pass
3	14177.500	46.16	24.43	68.2	22.04	Peak	2.16	100	Horizontal	Pass
3**	14177.500	37.96	24.43	—	-37.96	AV	2.16	100	Horizontal	N/A
4	15846.750	41.06	17.27	74.0	32.94	Peak	2.16	100	Horizontal	Pass
4**	15846.750	33.15	17.27	54.0	20.85	AV	2.16	100	Horizontal	Pass
5	17513.251	47.97	25.89	68.2	20.23	Peak	0.00	100	Horizontal	Pass
5**	17513.251	40.26	25.89	—	-40.26	AV	0.00	100	Horizontal	N/A
6	17997.251	53.59	32.75	74.0	20.41	Peak	2.16	100	Horizontal	Pass
6**	17997.251	45.75	32.75	54.0	8.25	AV	2.16	100	Horizontal	Pass

WIFI5GB1-AC80-Low channel-Vertical-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_14.07.27

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

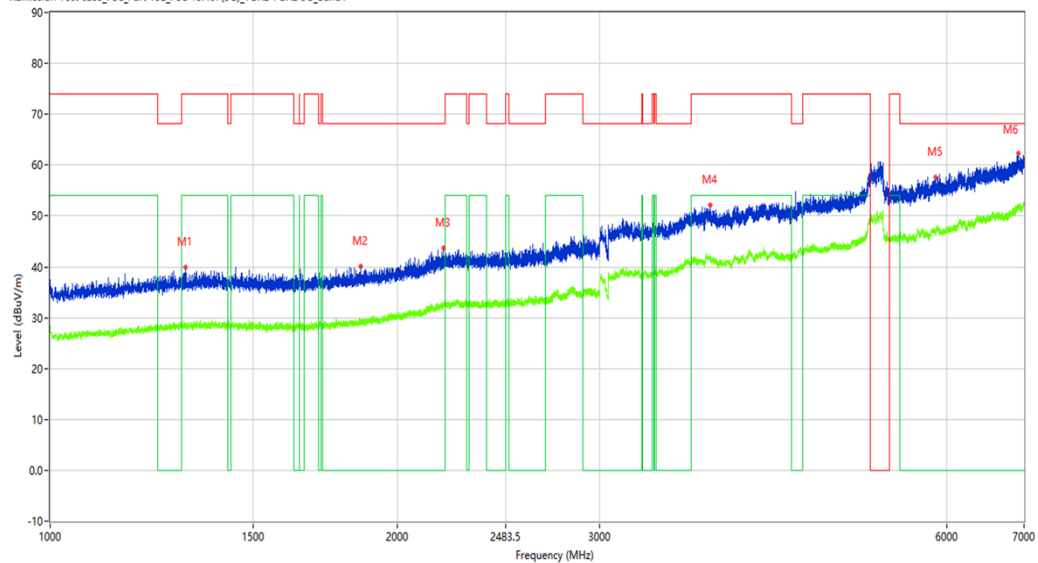
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#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	1310.000	39.94	-14.45	74.0	34.06	Peak	189.80	100	Vertical	Pass
1**	1310.000	28.52	-14.45	54.0	25.48	AV	189.80	100	Vertical	Pass
2	1858.500	40.17	-14.08	68.2	28.03	Peak	173.80	100	Vertical	Pass
2**	1858.500	29.33	-14.08	—	-29.33	AV	173.80	100	Vertical	N/A
3	2194.500	43.75	-10.33	68.2	24.45	Peak	49.50	100	Vertical	Pass
3**	2194.500	32.55	-10.33	—	-32.55	AV	49.50	100	Vertical	N/A
4	3740.500	52.23	1.41	74.0	21.77	Peak	158.00	100	Vertical	Pass
4**	3740.500	41.63	1.41	54.0	12.37	AV	158.00	100	Vertical	Pass
5	5869.000	57.58	6.00	68.2	10.62	Peak	322.50	100	Vertical	Pass
5**	5869.000	47.25	6.00	—	-47.25	AV	322.50	100	Vertical	N/A
6	6920.000	62.37	9.79	68.2	5.83	Peak	158.00	100	Vertical	Pass
6**	6920.000	52.00	9.79	—	-52.00	AV	158.00	100	Vertical	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_17.22.04

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

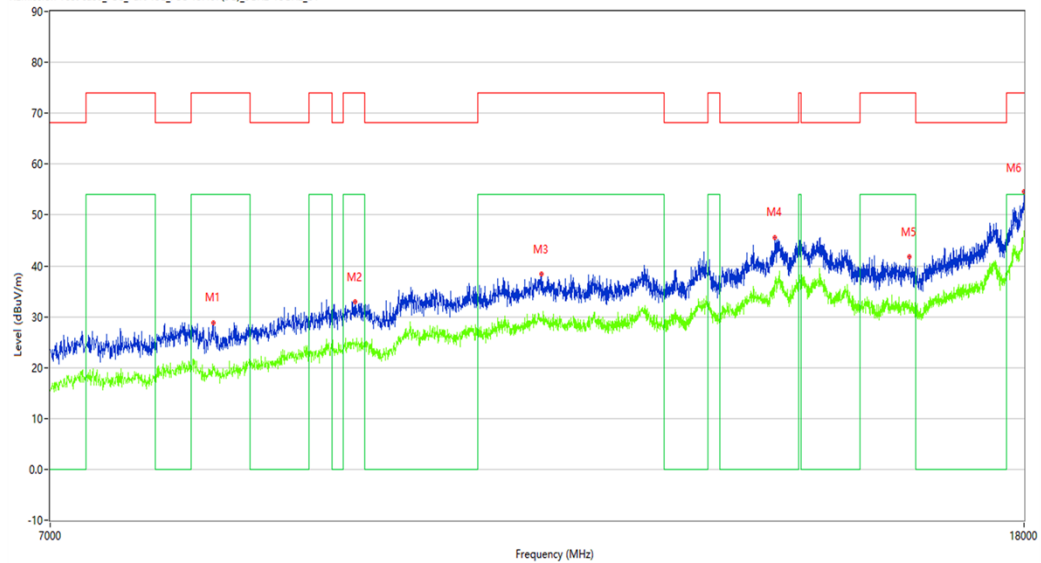
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#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	8199.000	28.72	8.69	74.0	45.28	Peak	2.16	100	Vertical	Pass
1**	8199.000	20.04	8.69	54.0	33.96	AV	2.16	100	Vertical	Pass
2	9406.250	32.86	12.65	74.0	41.14	Peak	0.00	100	Vertical	Pass
2**	9406.250	24.57	12.65	54.0	29.43	AV	0.00	100	Vertical	Pass
3	11270.750	38.39	17.16	74.0	35.61	Peak	1.44	100	Vertical	Pass
3**	11270.750	29.82	17.16	54.0	24.18	AV	1.44	100	Vertical	Pass
4	14136.250	45.58	23.08	68.2	22.62	Peak	0.00	100	Vertical	Pass
4**	14136.250	36.91	23.08	—	-36.91	AV	0.00	100	Vertical	N/A
5	16099.750	41.70	17.55	74.0	32.30	Peak	0.00	100	Vertical	Pass
5**	16099.750	33.24	17.55	54.0	20.76	AV	0.00	100	Vertical	Pass
6	17997.251	54.53	32.75	74.0	19.47	Peak	0.00	100	Vertical	Pass
6**	17997.251	46.82	32.75	54.0	7.18	AV	0.00	100	Vertical	Pass

WIFI5GB4-A-Low channel-Horizontal-TX-Chain2

Test result

Project Number: Certification

Test Time: 2023-06-10_15.36.30

EUT Name: N.A

Manufacturer: N.A

Model: UT55

Temp.(oC): 24.1

Hum.: 52%

Test Engineer: LYG

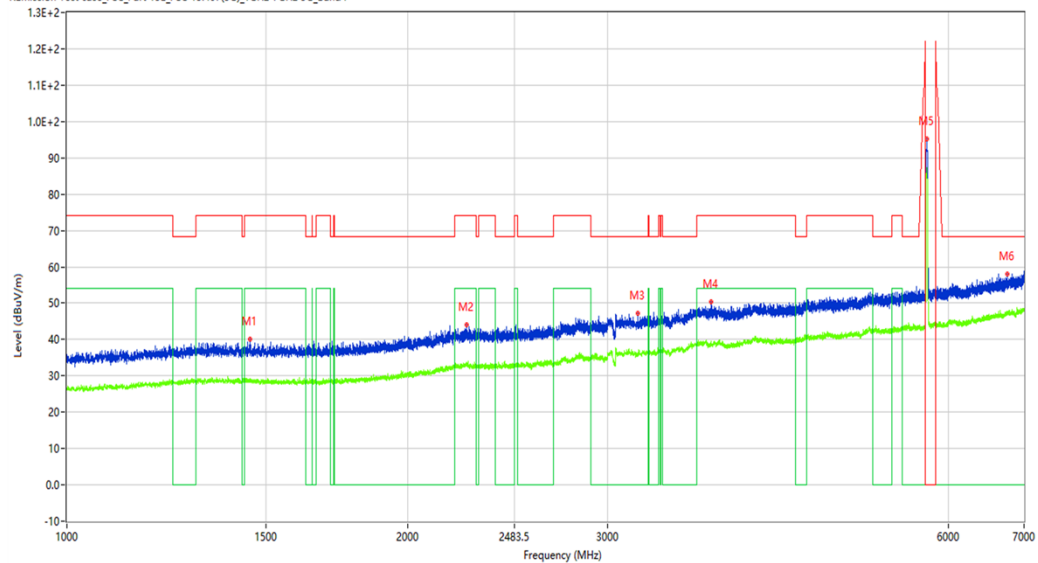
Test Standard: FCC Part 15E

Work Addition: TX

Load: Full load

Remark: E22110043-03#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz_5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.500	40.17	-14.51	74.0	33.83	Peak	348.60	100	Horizontal	Pass
1**	1451.500	28.72	-14.51	54.0	25.28	AV	348.60	100	Horizontal	Pass
2	2253.750	44.01	-9.84	74.0	29.99	Peak	0.00	100	Horizontal	Pass
2**	2253.750	33.83	-9.84	54.0	20.17	AV	0.00	100	Horizontal	Pass
3	3193.000	47.09	-4.61	68.2	21.11	Peak	171.80	100	Horizontal	Pass
3**	3193.000	36.52	-4.61	—	-36.52	AV	171.80	100	Horizontal	N/A
4	3706.500	50.50	-2.08	74.0	23.50	Peak	322.50	100	Horizontal	Pass
4**	3706.500	38.25	-2.08	54.0	15.75	AV	322.50	100	Horizontal	Pass
5	5748.500	95.27	1.94	—	-85.77	Peak	9.50	100	Horizontal	N/A
5**	5748.500	86.30	1.94	—	-86.30	AV	9.50	100	Horizontal	N/A
6	6763.500	58.06	4.99	68.2	10.14	Peak	322.50	100	Horizontal	Pass
6**	6763.500	47.05	4.99	—	-47.05	AV	322.50	100	Horizontal	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_17.53.25

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

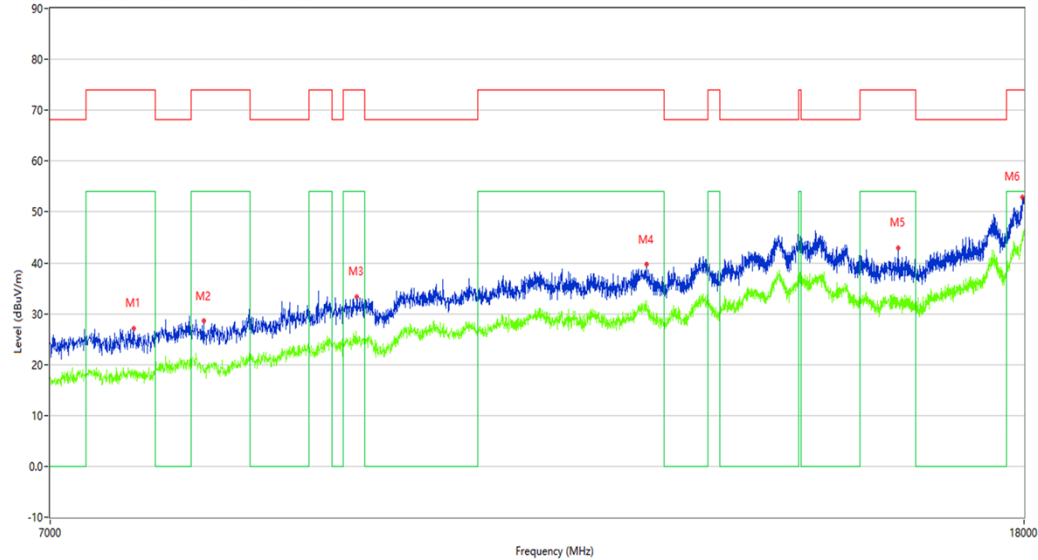
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#01

REmission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7588.500	27.15	6.74	74.0	46.85	Peak	0.00	100	Horizontal	Pass
1**	7588.500	18.57	6.74	54.0	35.43	AV	0.00	100	Horizontal	Pass
2	8124.750	28.55	7.63	74.0	45.45	Peak	2.16	100	Horizontal	Pass
2**	8124.750	19.13	7.63	54.0	34.87	AV	2.16	100	Horizontal	Pass
3	9425.500	33.34	12.62	74.0	40.66	Peak	2.52	100	Horizontal	Pass
3**	9425.500	25.24	12.62	54.0	28.76	AV	2.52	100	Horizontal	Pass
4	12478.000	39.64	17.27	74.0	34.36	Peak	1.44	100	Horizontal	Pass
4**	12478.000	32.53	17.27	54.0	21.47	AV	1.44	100	Horizontal	Pass
5	15937.500	42.93	18.01	74.0	31.07	Peak	0.00	100	Horizontal	Pass
5**	15937.500	32.51	18.01	54.0	21.49	AV	0.00	100	Horizontal	Pass
6	17967.000	52.90	30.89	74.0	21.10	Peak	2.52	100	Horizontal	Pass
6**	17967.000	44.19	30.89	54.0	9.81	AV	2.52	100	Horizontal	Pass

WIFI5GB4-A-Low channel-Vertical-TX-Chain 2

Test result

Project Number: Certification

Test Time: 2023-06-10_15.39.42

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15C

Model: UT55

Work Addition: TX

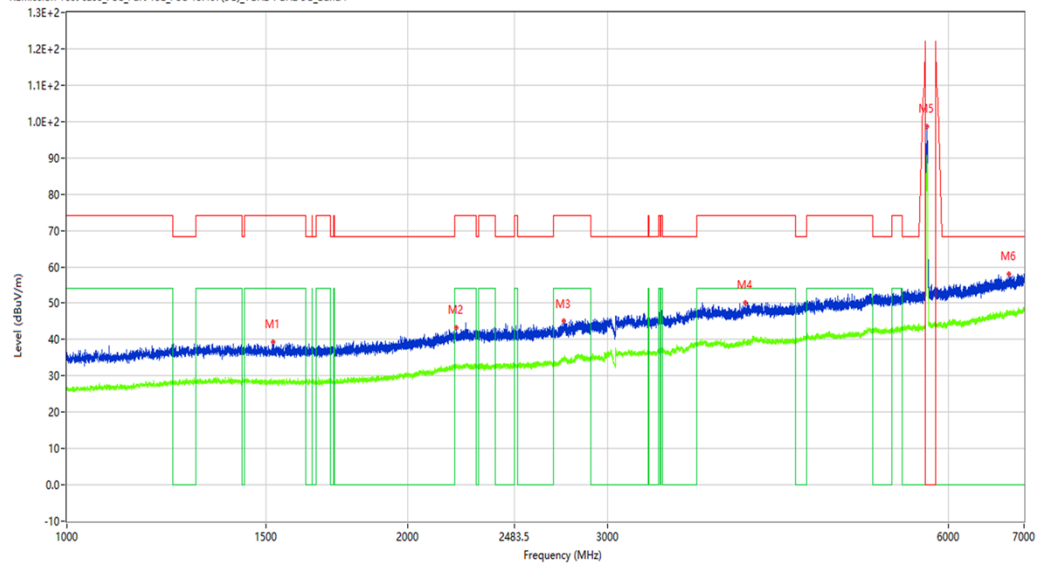
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-02#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz_5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.750	39.19	-14.80	74.0	34.81	Peak	305.30	100	Vertical	Pass
1**	1521.750	28.77	-14.80	54.0	25.23	AV	305.30	100	Vertical	Pass
2	2208.500	43.29	-10.38	74.0	30.71	Peak	222.30	100	Vertical	Pass
2**	2208.500	32.48	-10.38	54.0	21.52	AV	222.30	100	Vertical	Pass
3	2747.000	45.09	-7.79	74.0	28.91	Peak	48.10	100	Vertical	Pass
3**	2747.000	34.09	-7.79	54.0	19.91	AV	48.10	100	Vertical	Pass
4	3969.000	50.24	-1.37	74.0	23.76	Peak	276.00	100	Vertical	Pass
4**	3969.000	39.21	-1.37	54.0	14.79	AV	276.00	100	Vertical	Pass
5	5749.500	98.64	1.96	—	55.26	Peak	153.90	100	Vertical	Pass
5**	5749.500	90.64	1.96	—	-90.64	AV	153.90	100	Vertical	N/A
6	6783.500	58.05	5.20	68.2	10.15	Peak	214.20	100	Vertical	Pass
6**	6783.500	47.44	5.20	—	-47.44	AV	214.20	100	Vertical	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_17:58:53

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

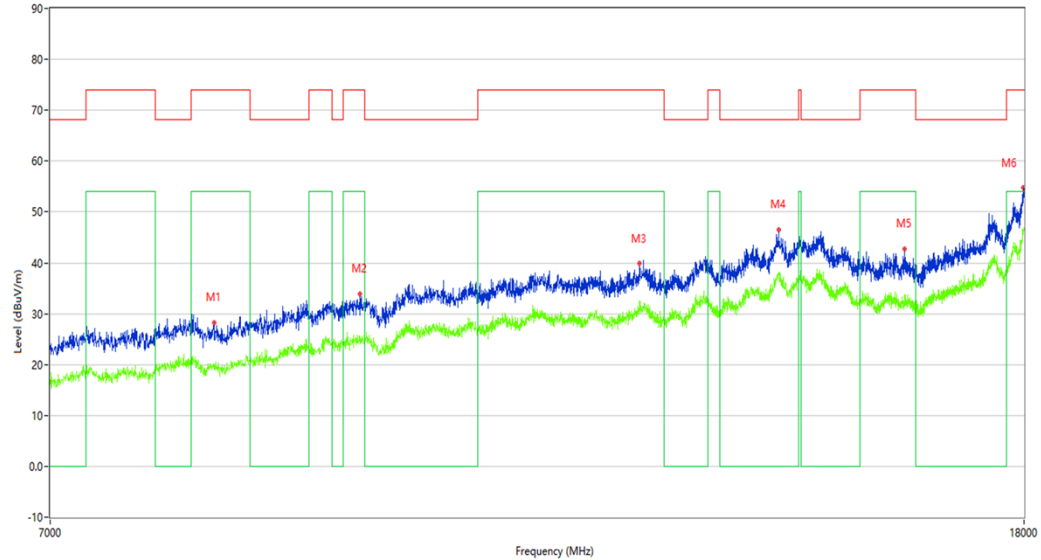
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#01

R Emission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8204.500	28.24	8.78	74.0	45.76	Peak	0.00	100	Vertical	Pass
1**	8204.500	20.17	8.78	54.0	33.83	AV	0.00	100	Vertical	Pass
2	9455.750	33.84	12.68	74.0	40.16	Peak	0.00	100	Vertical	Pass
2**	9455.750	25.65	12.68	54.0	28.35	AV	0.00	100	Vertical	Pass
3	12398.250	39.83	17.25	74.0	34.17	Peak	1.44	100	Vertical	Pass
3**	12398.250	32.55	17.25	54.0	21.45	AV	1.44	100	Vertical	Pass
4	14188.500	46.52	24.75	68.2	21.68	Peak	2.88	100	Vertical	Pass
4**	14188.500	37.61	24.75	—	-37.61	AV	2.88	100	Vertical	N/A
5	16028.250	42.72	17.88	74.0	31.28	Peak	2.88	100	Vertical	Pass
5**	16028.250	33.73	17.88	54.0	20.27	AV	2.88	100	Vertical	Pass
6	17980.750	54.87	31.73	74.0	19.13	Peak	3.24	100	Vertical	Pass
6**	17980.750	46.56	31.73	54.0	7.44	AV	3.24	100	Vertical	Pass

WIFI5GB4-AC20-Low channel-Horizontal-TX-MIMO

Test result

Project Number: Certification

Test Time: 2023-06-10_15.37.13

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

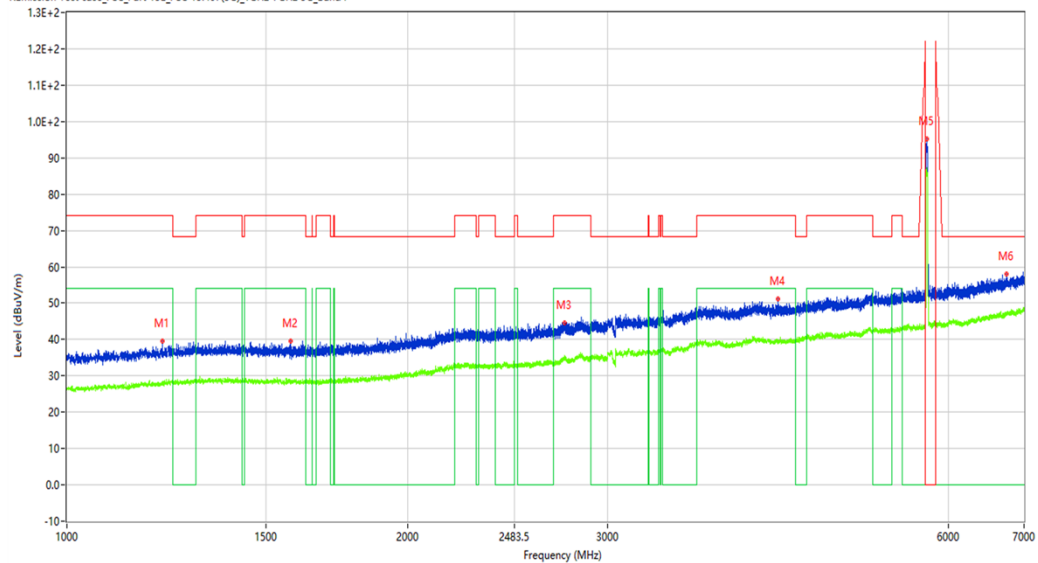
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#01

REmission Test case_FCC_Part 15E_FCC 15.407(5G)_1GHz-7GHz_5G_Band4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1213.500	39.65	-15.01	74.0	34.35	Peak	288.00	100	Horizontal	Pass
1**	1213.500	28.40	-15.01	54.0	25.60	AV	288.00	100	Horizontal	Pass
2	1575.000	39.69	-14.82	74.0	34.31	Peak	87.70	100	Horizontal	Pass
2**	1575.000	28.34	-14.82	54.0	25.66	AV	87.70	100	Horizontal	Pass
3	2750.750	44.71	-7.76	74.0	29.29	Peak	288.00	100	Horizontal	Pass
3**	2750.750	35.27	-7.76	54.0	18.73	AV	288.00	100	Horizontal	Pass
4	4242.500	51.22	-1.56	74.0	22.78	Peak	121.50	100	Horizontal	Pass
4**	4242.500	39.94	-1.56	54.0	14.06	AV	121.50	100	Horizontal	Pass
5	5748.000	95.21	1.94	—	-38.81	Peak	56.40	100	Horizontal	N/A
5**	5748.000	87.12	1.94	—	-87.12	AV	56.40	100	Horizontal	N/A
6	6750.000	57.95	4.85	68.2	10.25	Peak	319.50	100	Horizontal	Pass
6**	6750.000	47.57	4.85	—	-47.57	AV	319.50	100	Horizontal	N/A

Test result

Project Number: Certification

Test Time: 2023-06-10_17.55.28

EUT Name: N.A

Test Engineer: LYG

Manufacturer: N.A

Test Standard: FCC Part 15E

Model: UT55

Work Addition: TX

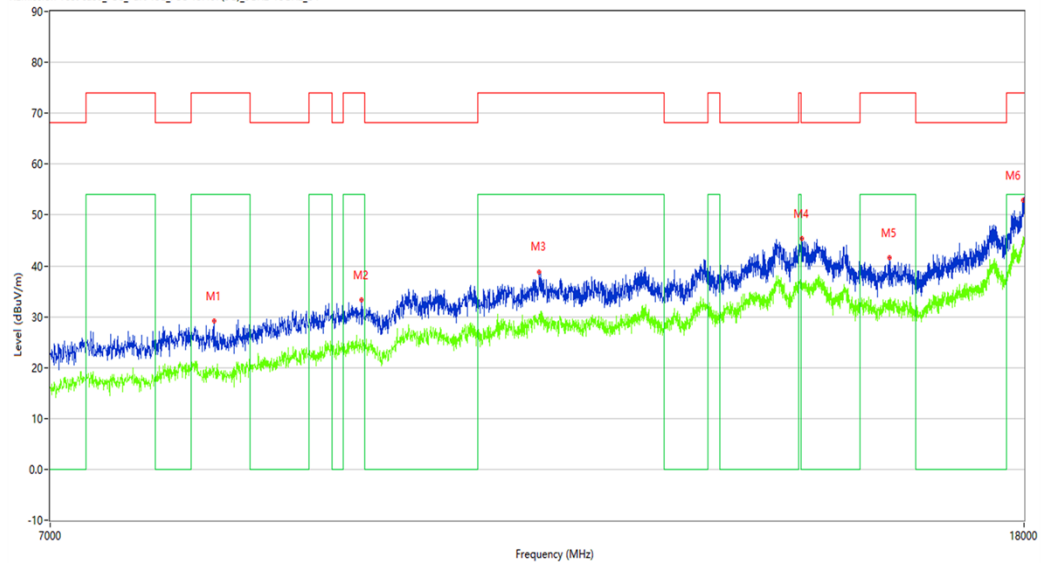
Temp.(oC): 24.1

Load: Full load

Hum.: 52%

Remark: E22110043-03#01

REmission Test case FCC_Part 15E_FCC 15.407(5G)_6GHz-18GHz_B4



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8204.500	29.14	8.78	74.0	44.86	Peak	0.00	100	Horizontal	Pass
1**	8204.500	20.01	8.78	54.0	33.99	AV	0.00	100	Horizontal	Pass
2	9466.750	33.37	12.72	74.0	40.63	Peak	0.00	100	Horizontal	Pass
2**	9466.750	24.09	12.72	54.0	29.91	AV	0.00	100	Horizontal	Pass
3	11248.750	38.84	16.88	74.0	35.16	Peak	0.72	100	Horizontal	Pass
3**	11248.750	30.46	16.88	54.0	23.54	AV	0.72	100	Horizontal	Pass
4	14513.000	45.31	22.61	68.2	22.89	Peak	0.72	100	Horizontal	Pass
4**	14513.000	35.39	22.61	—	-35.39	AV	0.72	100	Horizontal	N/A
5	15794.500	41.55	16.80	74.0	32.45	Peak	0.72	100	Horizontal	Pass
5**	15794.500	33.33	16.80	54.0	20.67	AV	0.72	100	Horizontal	Pass
6	17991.750	52.82	32.41	74.0	21.18	Peak	0.72	100	Horizontal	Pass
6**	17991.750	45.70	32.41	54.0	8.30	AV	0.72	100	Horizontal	Pass

