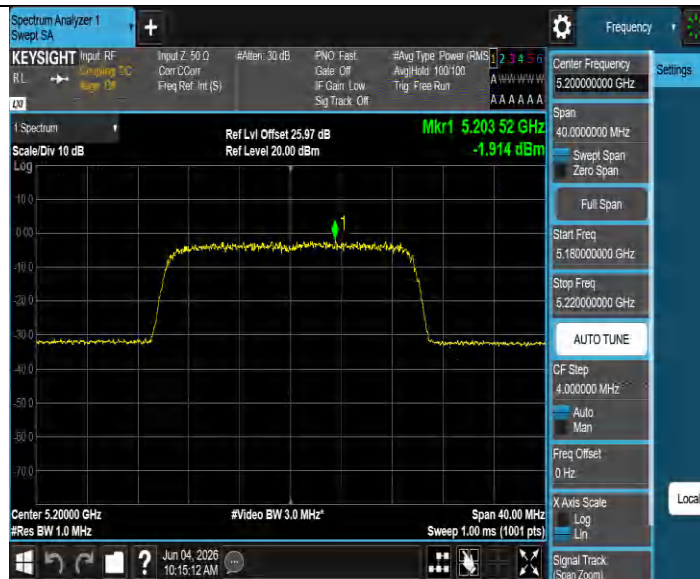
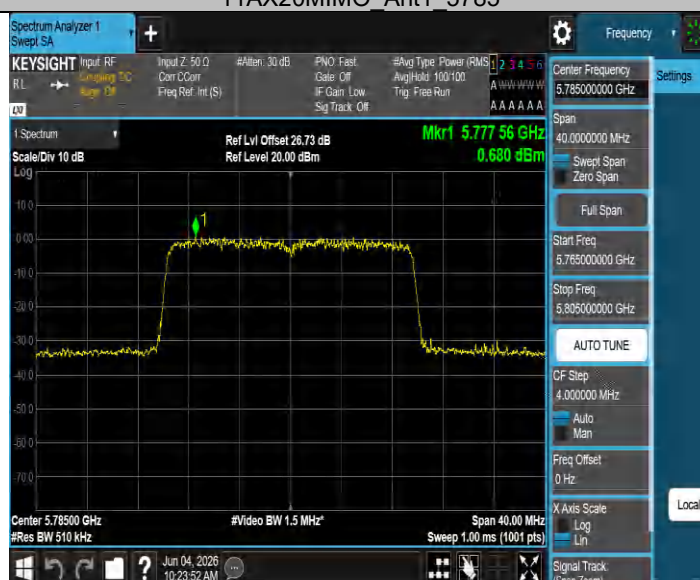
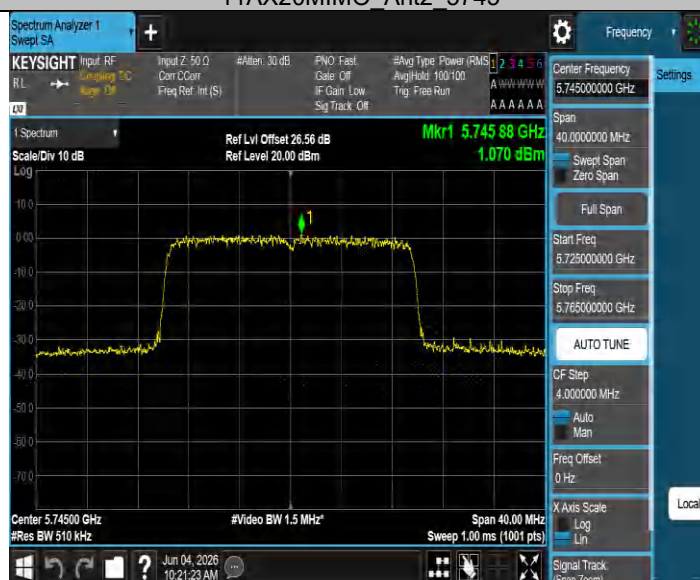
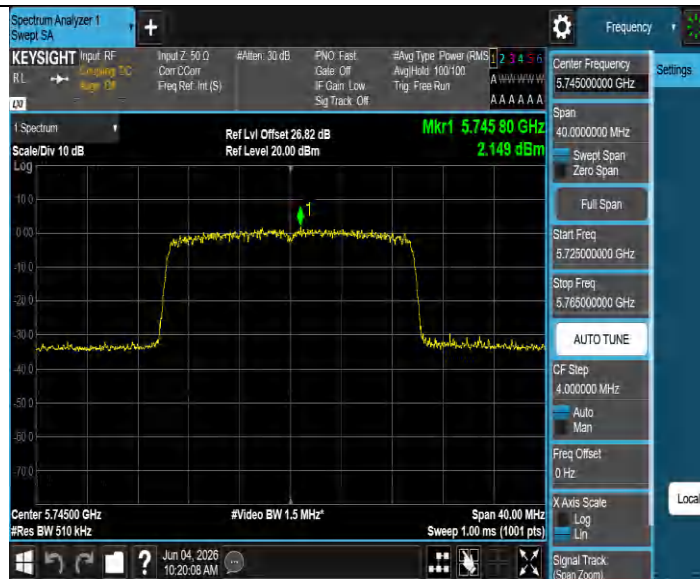










11AX20MIMO_Ant1_5825



11AX20MIMO_Ant2_5825



11AX40MIMO_Ant1_5190



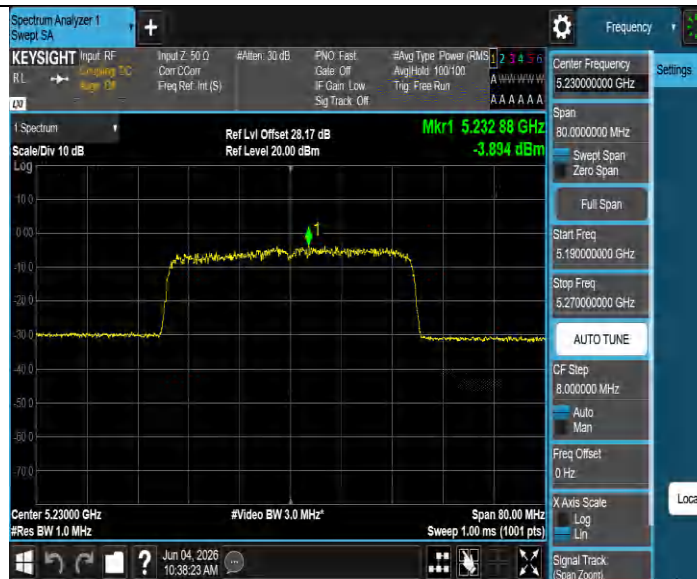
11AX40MIMO Ant2 5190

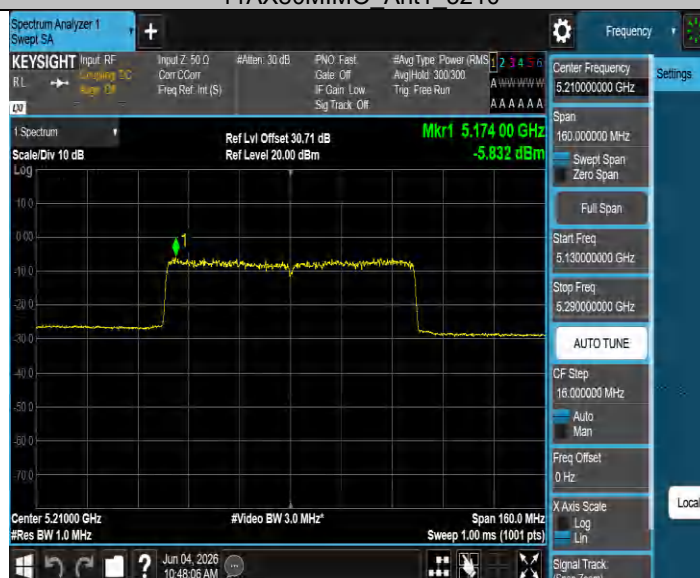


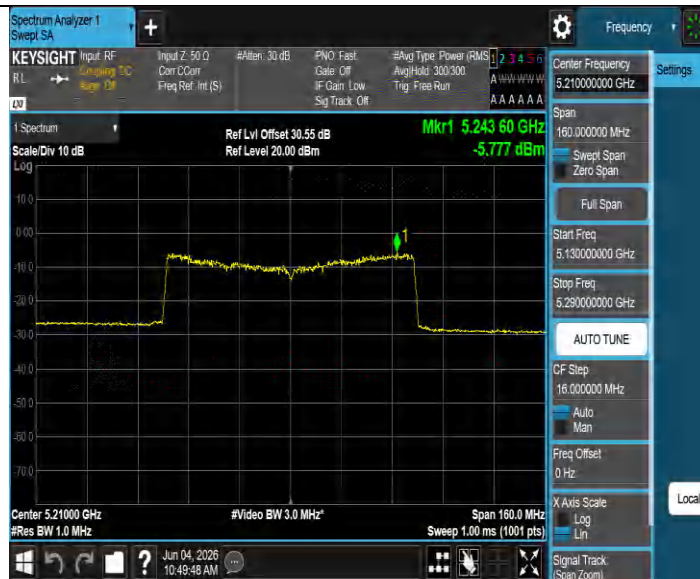
11AX40MIMO Ant1 5230



11AX40MIMO Ant2 5230







11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



11AX20MIMO_Ant1_5180_26Tone_RU0

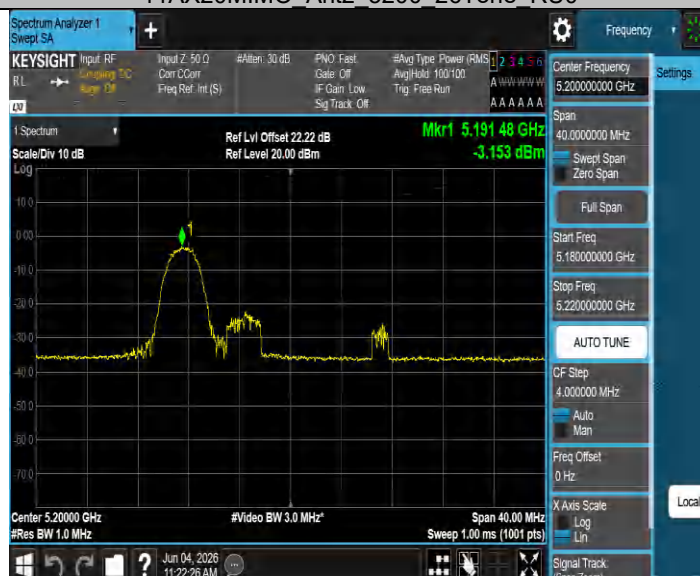


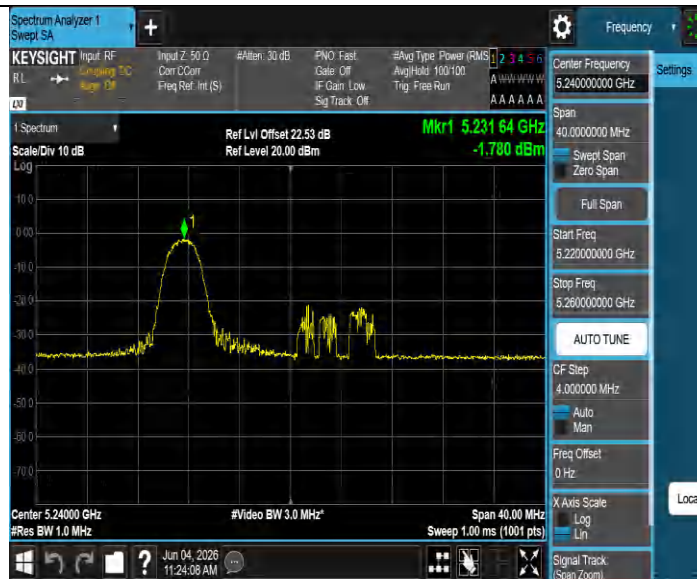
11AX20MIMO_Ant1_5180_106Tone_RU54



11AX20MIMO_Ant2_5180_26Tone_RU0

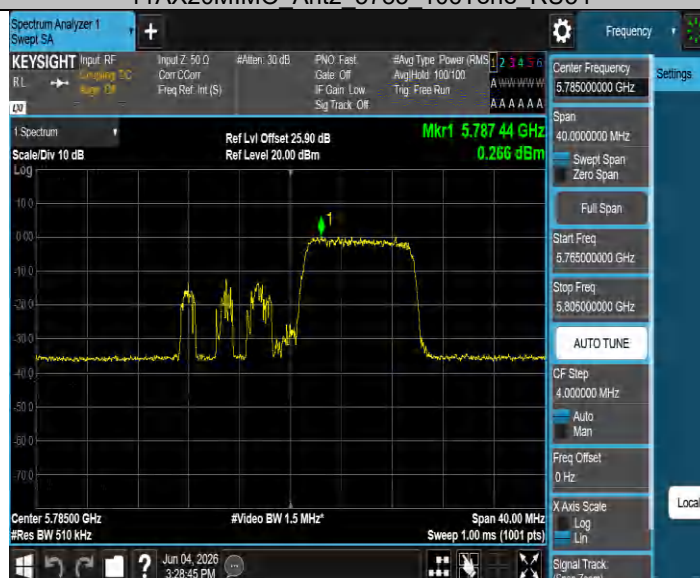
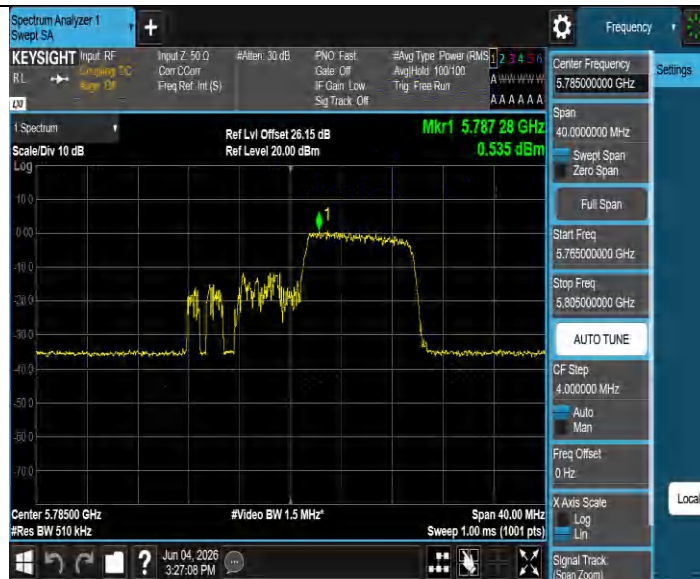




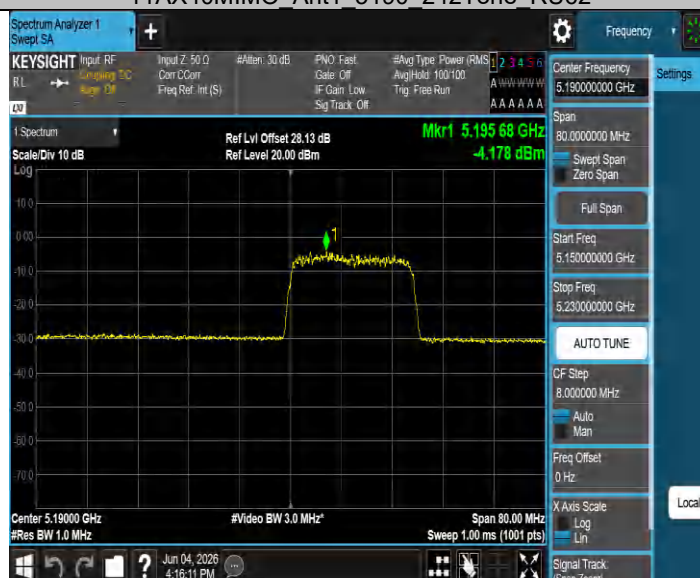
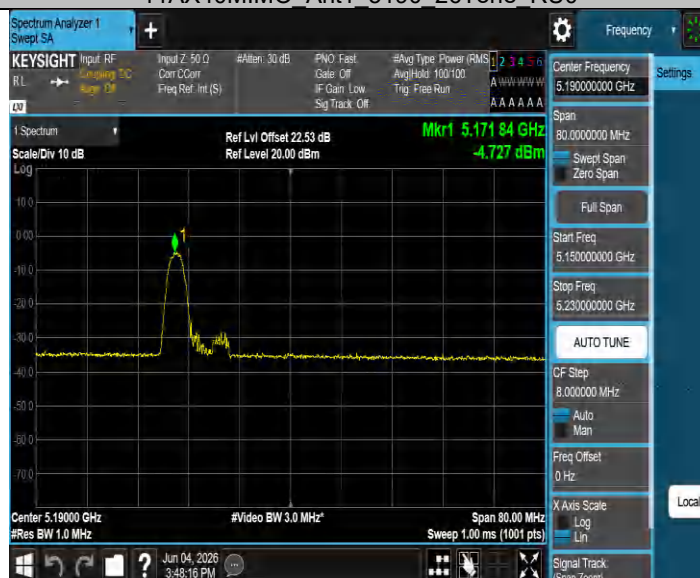
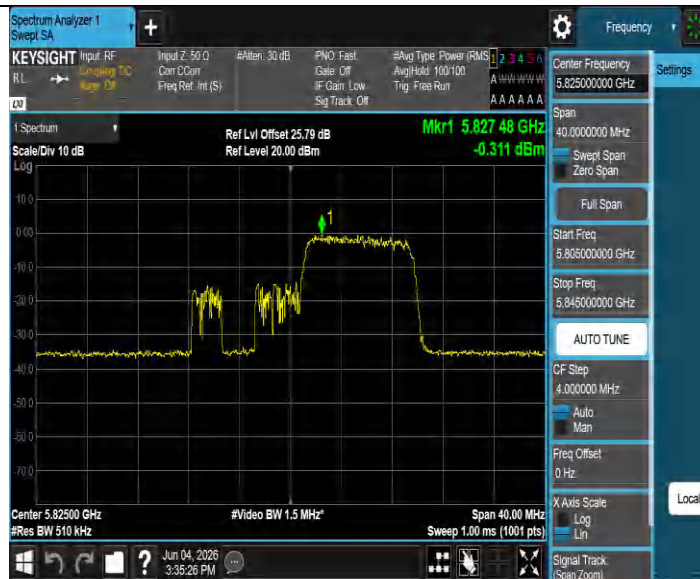


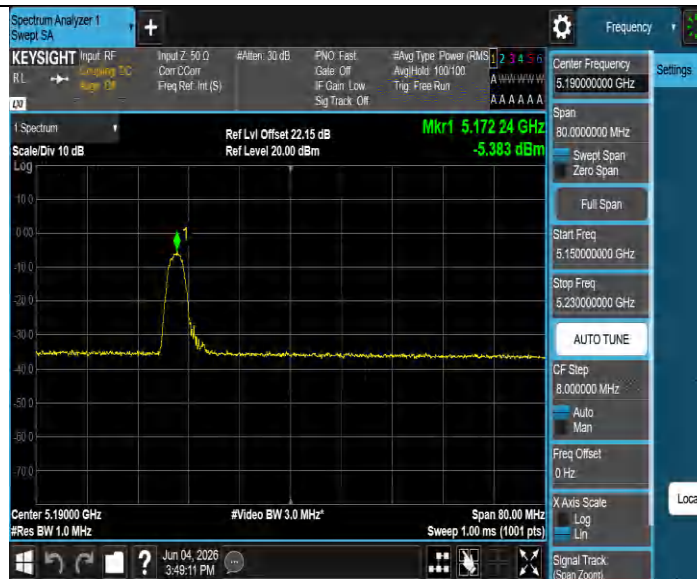


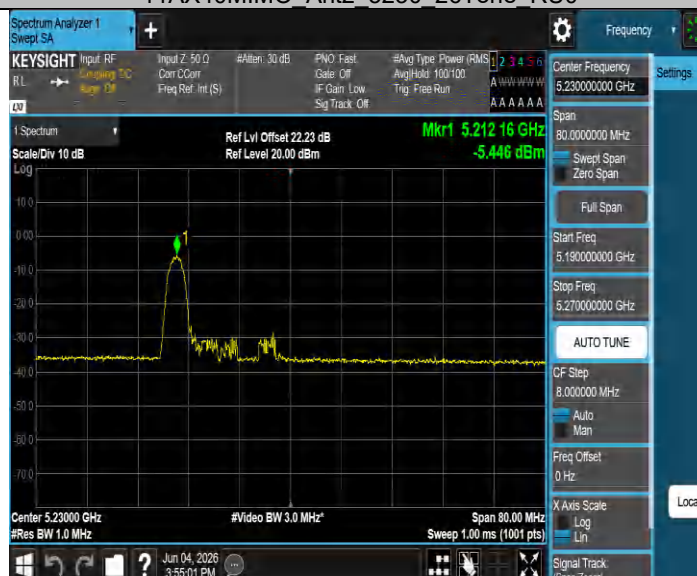
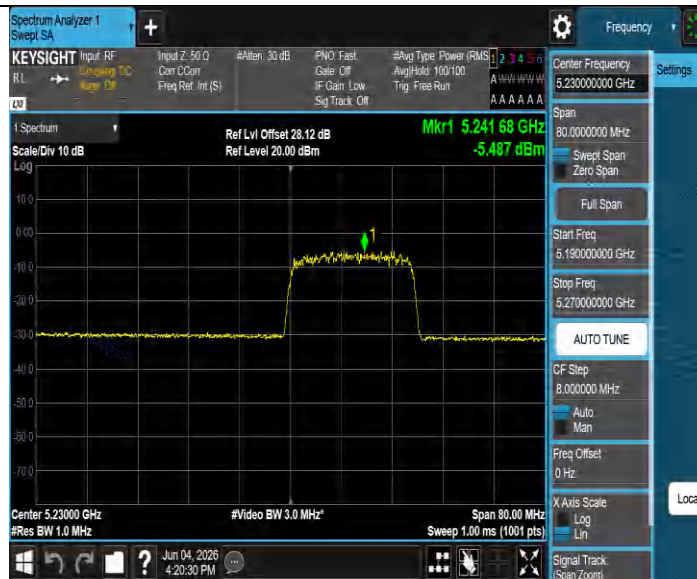


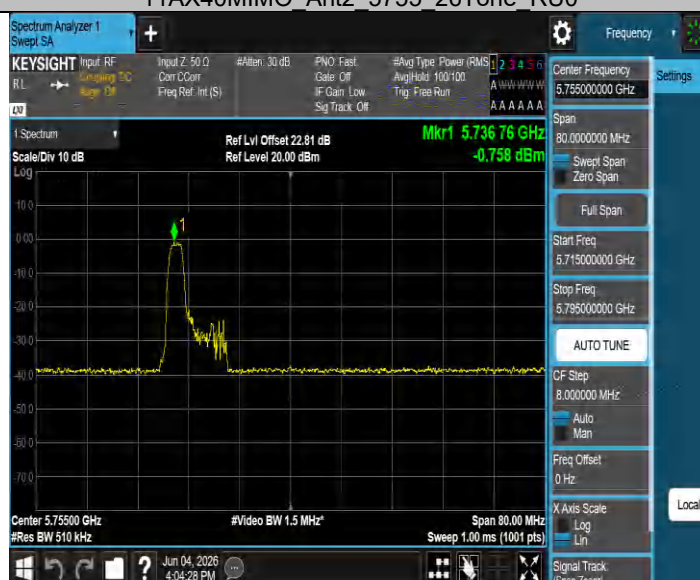
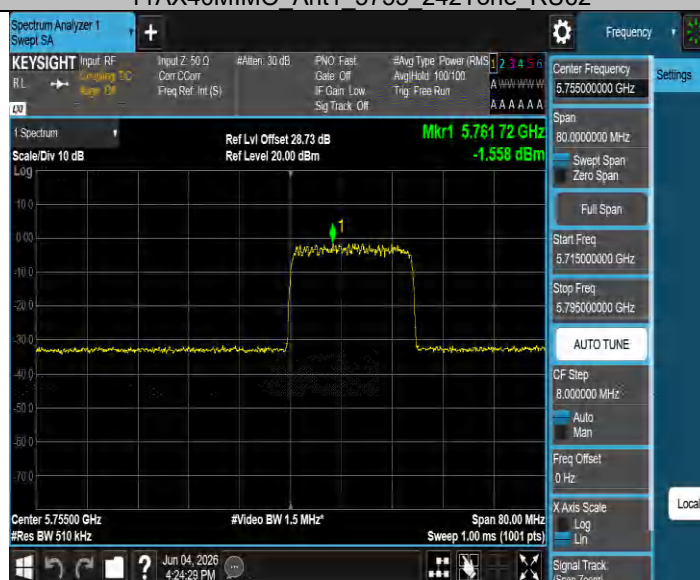
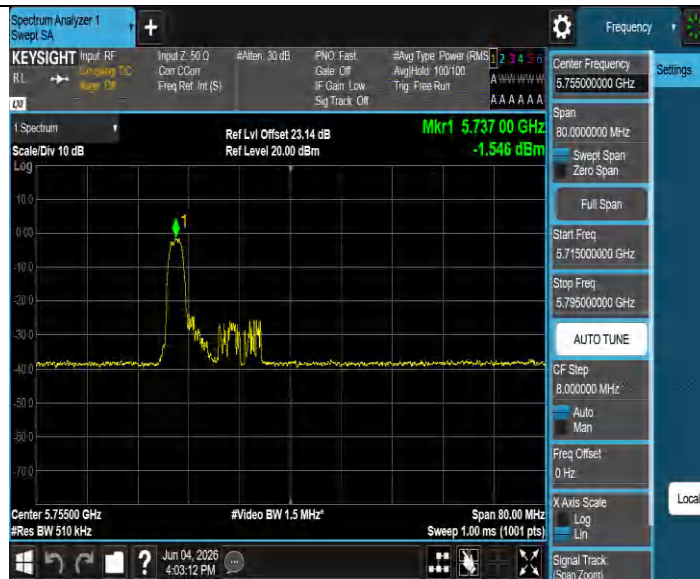


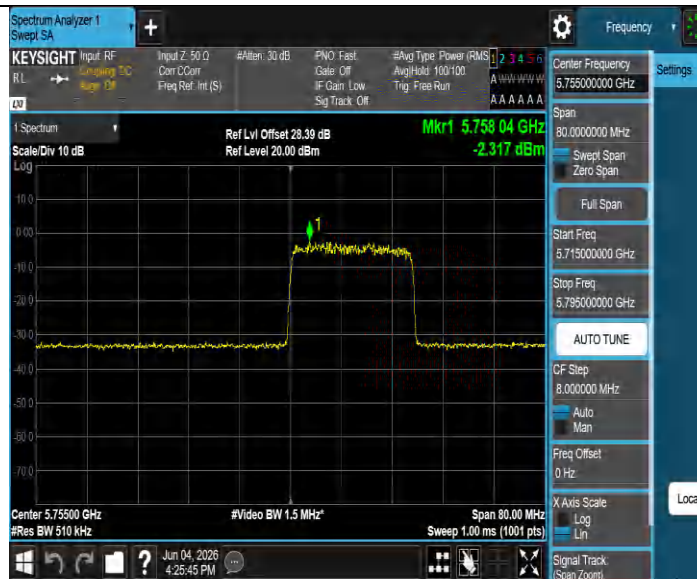


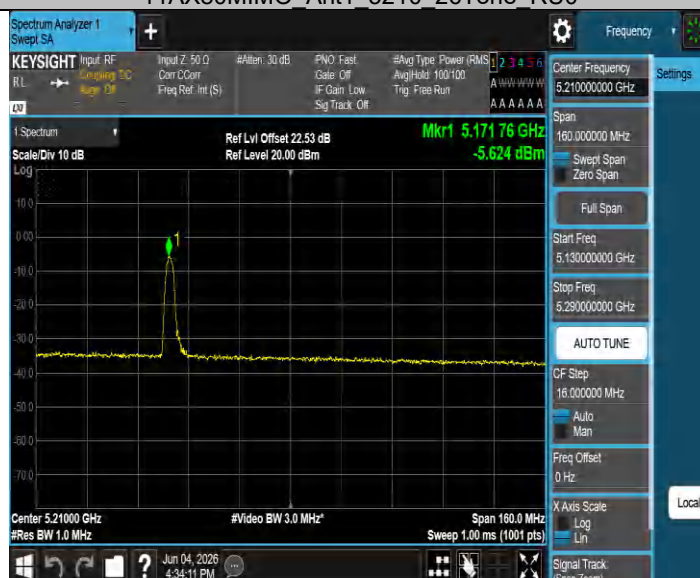
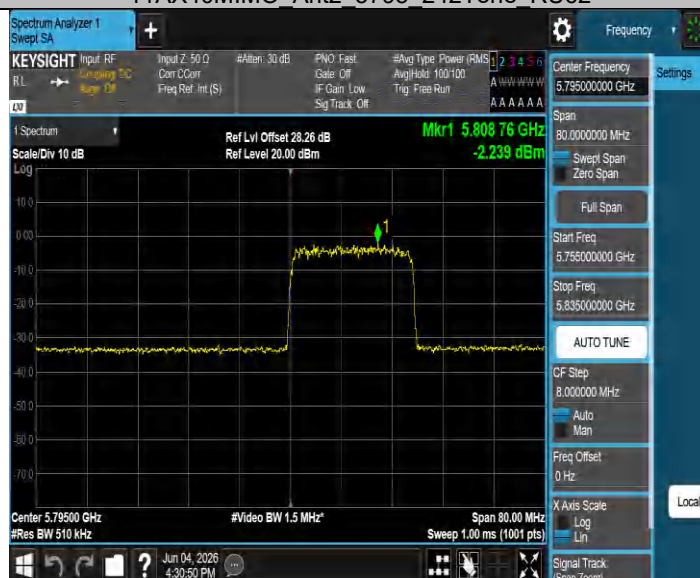
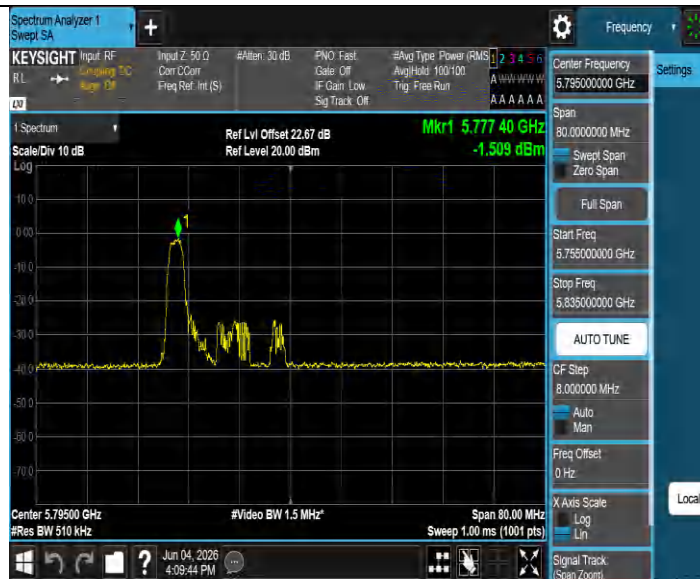


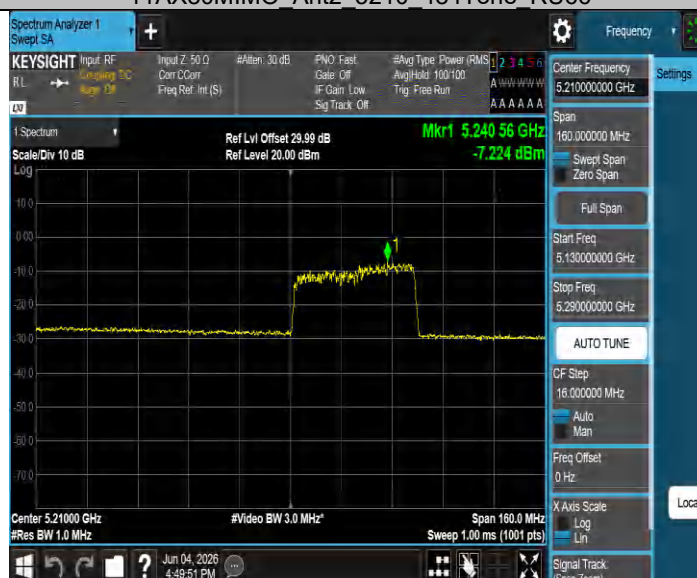
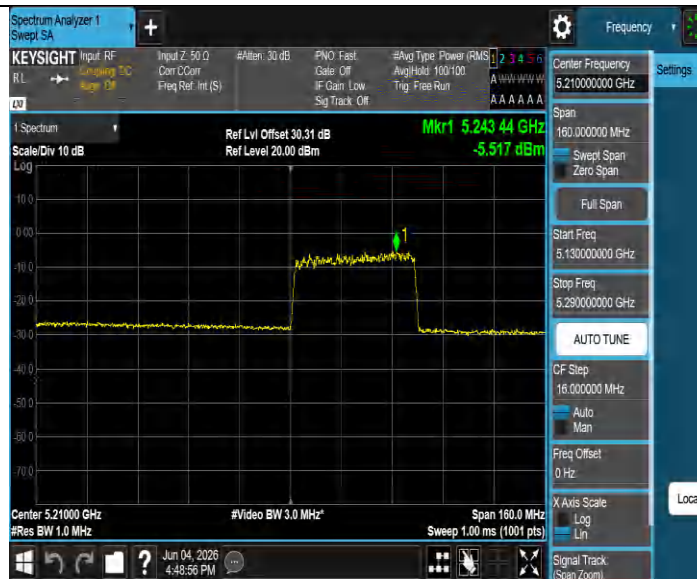


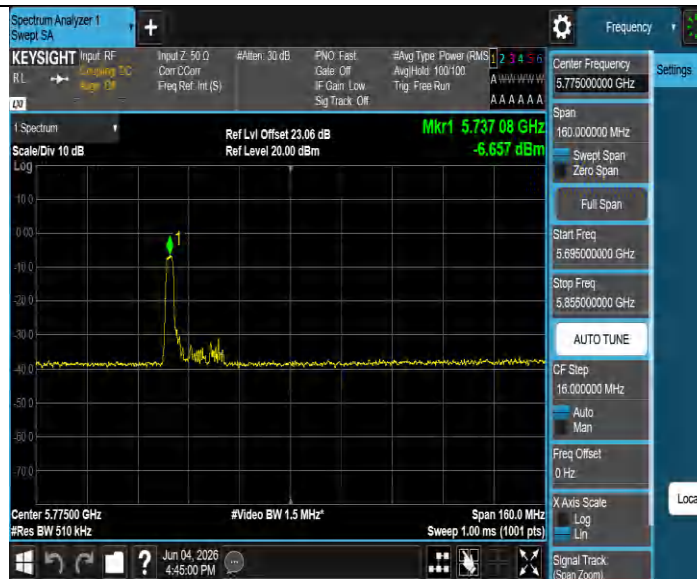














Appendix A.6: Test Results of Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20MIMO	Ant1	5180	NV	NT	-9000.00	-1.737452	20	PASS
		5200	NV	NT	-9900.00	-1.903846	20	PASS
		5240	NV	NT	-10200.00	-1.946565	20	PASS
		5745	NV	NT	-12000.00	-2.088773	20	PASS
		5785	NV	NT	-11400.00	-1.970614	20	PASS
		5825	NV	NT	-12000.00	-2.060086	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20MIMO	Ant1	5180	NV	0	-9300.00	-1.795367	20	PASS
			NV	40	-9300.00	-1.795367	20	PASS
		5200	NV	0	-9600.00	-1.846154	20	PASS
			NV	40	-10200.00	-1.961538	20	PASS
		5240	NV	0	-10200.00	-1.946565	20	PASS
			NV	40	-10500.00	-2.003817	20	PASS
		5745	NV	0	-11400.00	-1.984334	20	PASS
			NV	40	-11700.00	-2.036554	20	PASS
		5785	NV	0	-11400.00	-1.970614	20	PASS
			NV	40	-11400.00	-1.970614	20	PASS
		5825	NV	0	-12000.00	-2.060086	20	PASS
			NV	40	-12000.00	-2.060086	20	PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

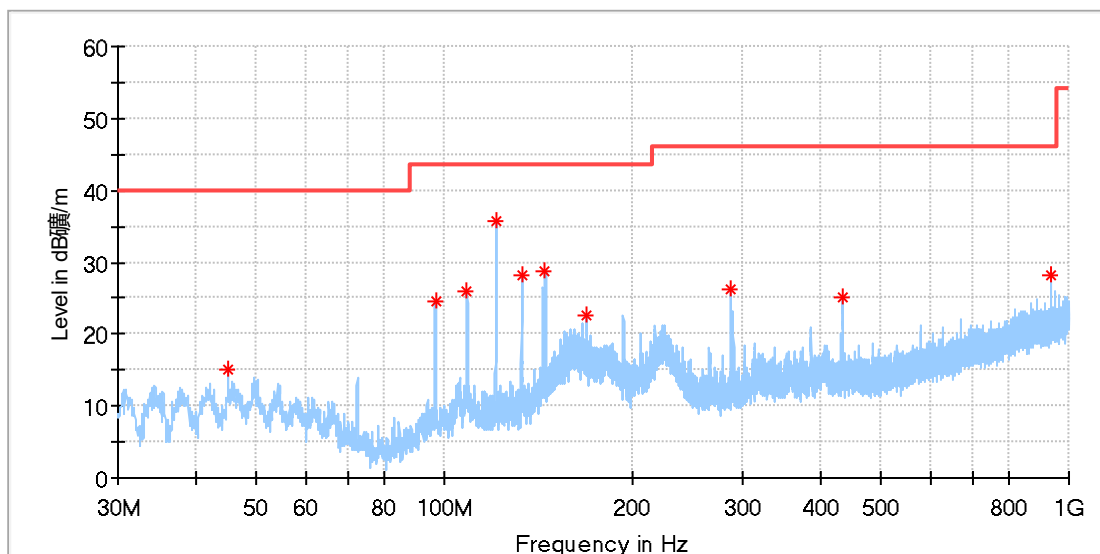
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 40GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

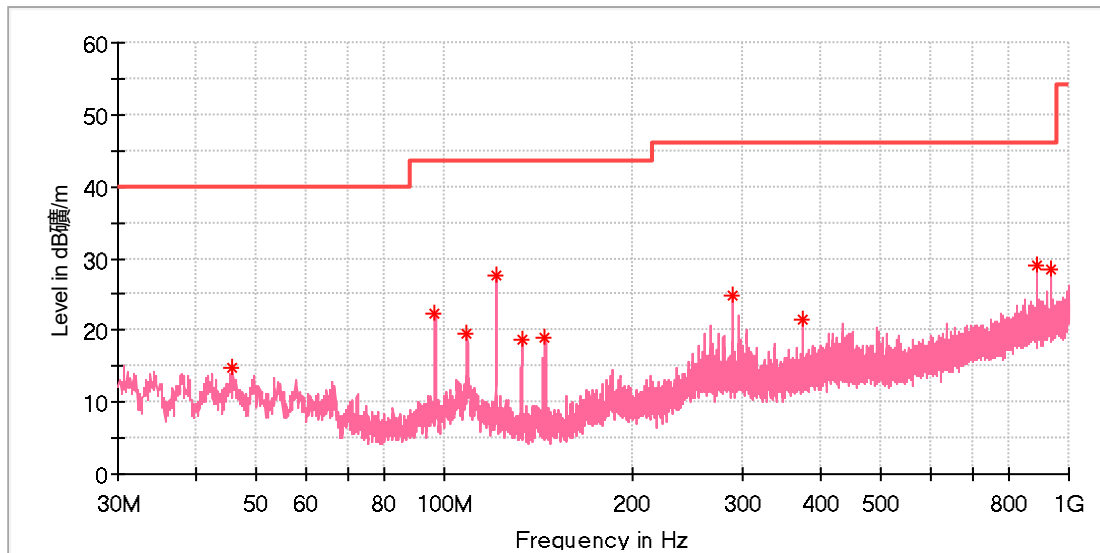
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.088889	15.15	40.00	24.85	100.0	H	190.0	-18.9
96.714444	24.50	43.50	19.00	100.0	H	19.0	-19.6
108.731667	26.04	43.50	17.46	100.0	H	4.0	-19.1
120.910556	35.61	43.50	7.89	100.0	H	42.0	-21.0
132.981667	28.16	43.50	15.34	100.0	H	58.0	-22.1
145.052778	28.62	43.50	14.88	100.0	H	58.0	-22.4
169.302778	22.61	43.50	20.89	100.0	H	0.0	-21.4
288.020000	26.34	46.00	19.66	100.0	H	198.0	-16.6
435.190556	25.21	46.00	20.79	100.0	H	101.0	-13.0
936.950000	28.30	46.00	17.70	100.0	H	224.0	-4.4

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11a_Ch48
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.789444	14.77	40.00	25.23	100.0	V	0.0	-18.8
96.660556	22.21	43.50	21.29	100.0	V	303.0	-19.6
108.785556	19.43	43.50	24.07	100.0	V	311.0	-19.1
120.802778	27.73	43.50	15.77	100.0	V	328.0	-21.0
132.981667	18.67	43.50	24.83	100.0	V	287.0	-22.1
144.998889	19.10	43.50	24.40	100.0	V	303.0	-22.4
289.367222	24.85	46.00	21.15	100.0	V	270.0	-16.5
374.996667	21.36	46.00	24.64	100.0	V	238.0	-14.3
890.928889	29.05	46.00	16.95	100.0	V	164.0	-4.9
936.950000	28.36	46.00	17.64	100.0	V	319.0	-4.4

Final_Result

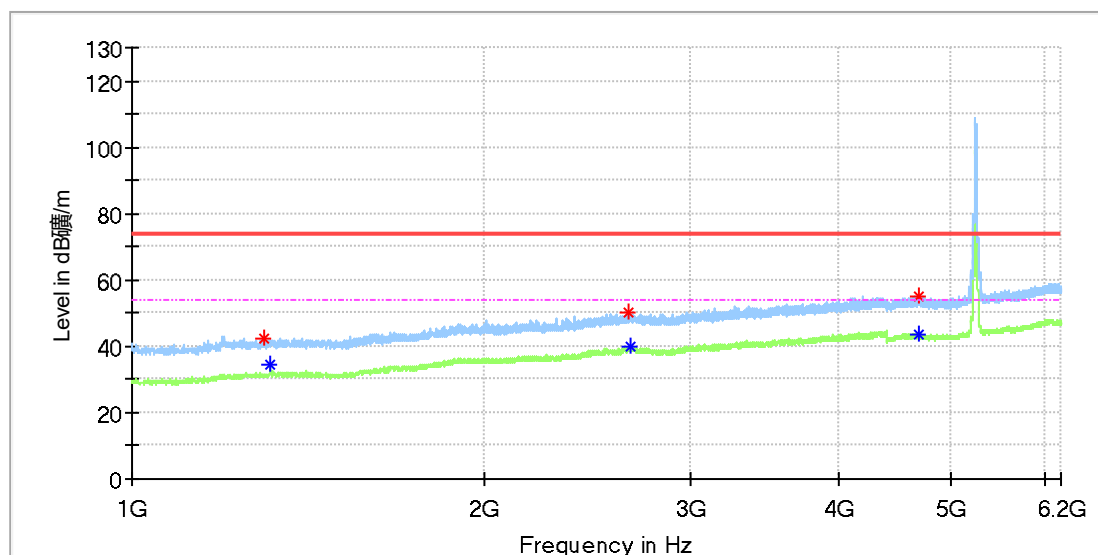
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

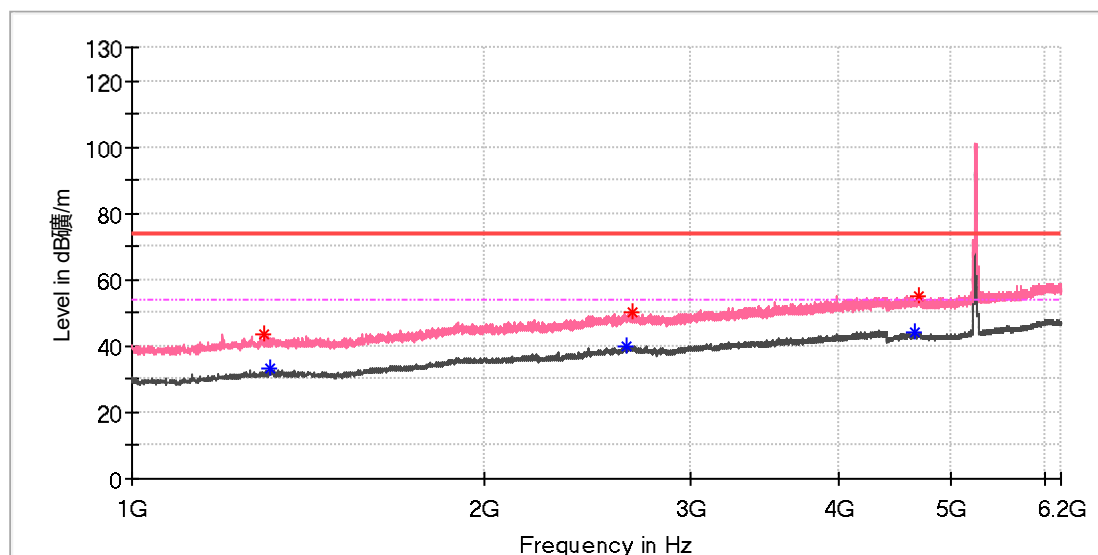
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1294.500000	42.30	---	74.00	31.70	150.0	H	215.0	2.7
1312.000000	---	34.19	54.00	19.81	150.0	H	291.0	2.8
2654.500000	49.95	---	74.00	24.05	150.0	H	54.0	10.2
2657.500000	---	40.03	54.00	13.97	150.0	H	148.0	10.2
4688.000000	---	43.47	54.00	10.53	150.0	H	116.0	13.5
4692.000000	54.72	---	74.00	19.28	150.0	H	81.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

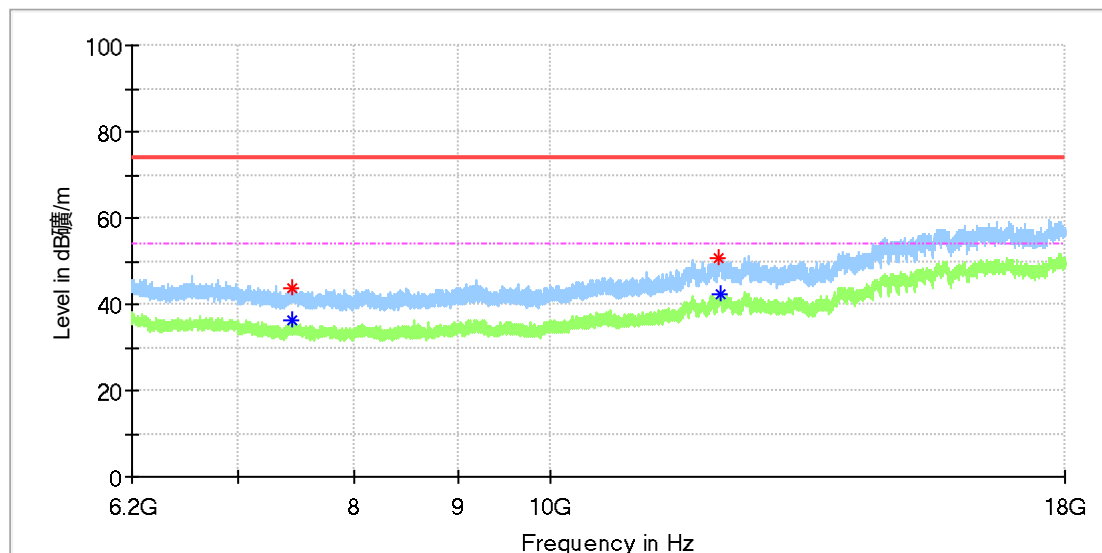
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1296.500000	43.53	---	74.00	30.47	150.0	V	279.0	2.7
1312.000000	---	32.99	54.00	21.01	150.0	V	308.0	2.8
2640.500000	---	39.64	54.00	14.36	150.0	V	319.0	10.0
2673.500000	50.14	---	74.00	23.86	150.0	V	279.0	10.2
4648.500000	---	43.86	54.00	10.14	150.0	V	207.0	13.5
4693.000000	54.81	---	74.00	19.19	150.0	V	179.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

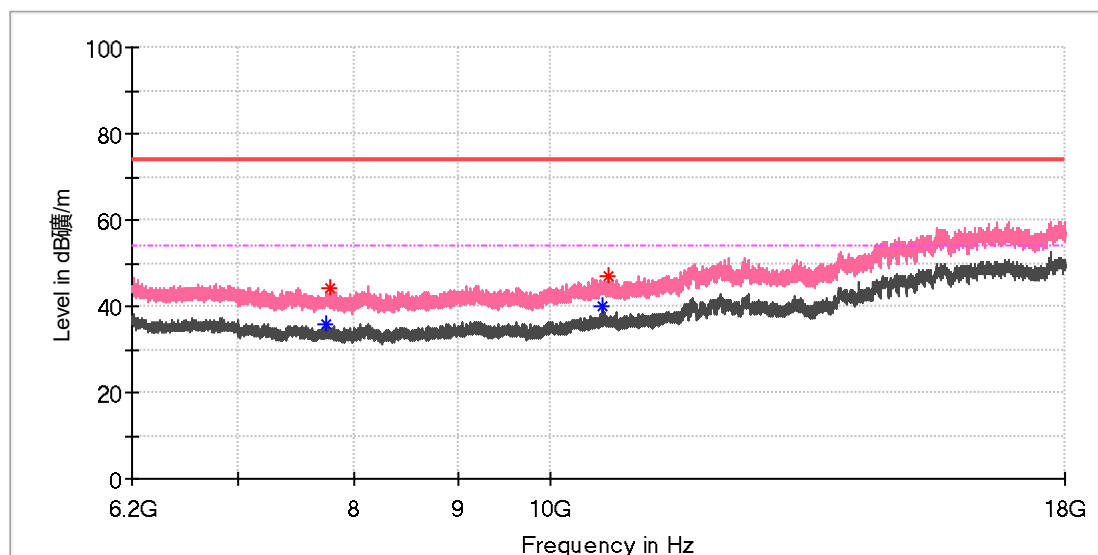
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7451.783333	---	36.18	54.00	17.82	150.0	H	339.0	8.5
7453.258333	43.72	---	74.00	30.28	150.0	H	170.0	8.5
12130.483333	50.92	---	74.00	23.08	150.0	H	134.0	16.2
12153.591667	---	42.50	54.00	11.50	150.0	H	62.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

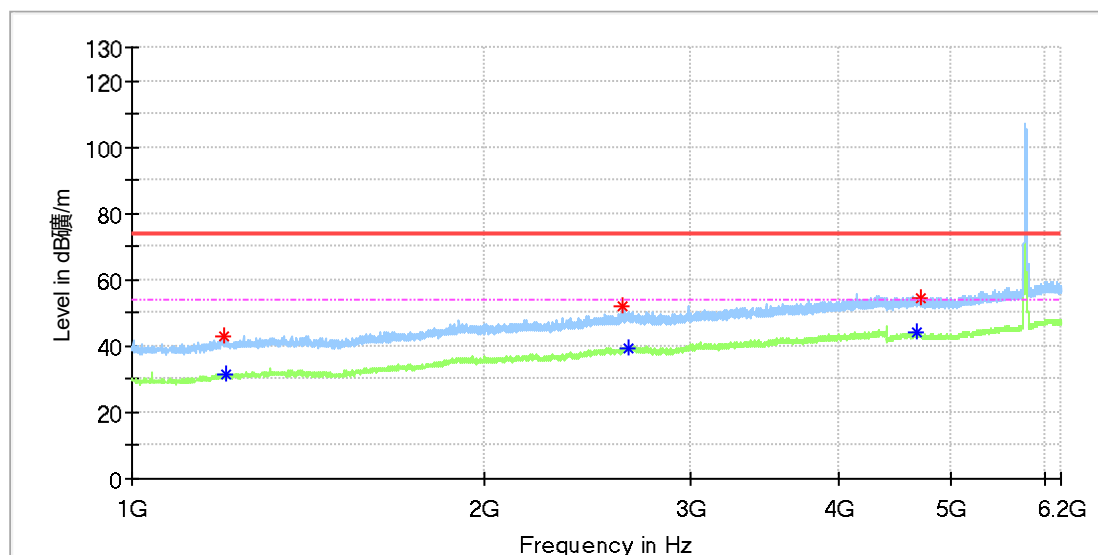
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7743.833333	---	35.84	54.00	18.16	150.0	V	170.0	8.8
7775.300000	44.01	---	74.00	29.99	150.0	V	311.0	8.9
10615.166667	---	39.81	54.00	14.19	150.0	V	202.0	12.0
10681.541667	47.10	---	74.00	26.90	150.0	V	267.0	11.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

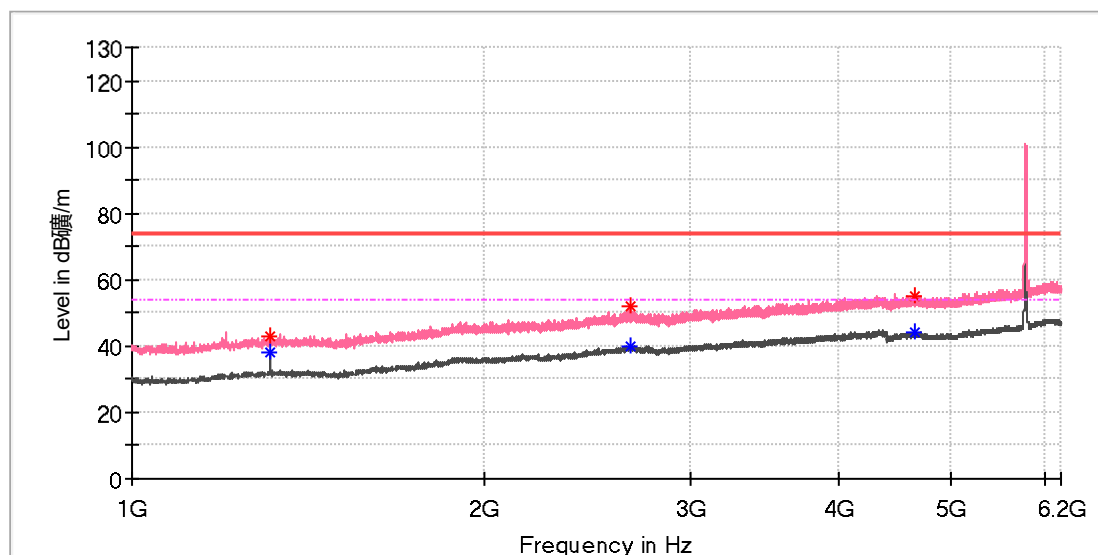
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1200.000000	42.97	---	74.00	31.03	150.0	H	20.0	1.8
1204.500000	---	31.69	54.00	22.31	150.0	H	240.0	1.9
2624.500000	52.17	---	74.00	21.83	150.0	H	0.0	9.8
2648.500000	---	39.60	54.00	14.40	150.0	H	169.0	10.1
4680.000000	---	44.03	54.00	9.97	150.0	H	5.0	13.5
4699.500000	54.70	---	74.00	19.30	150.0	H	196.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

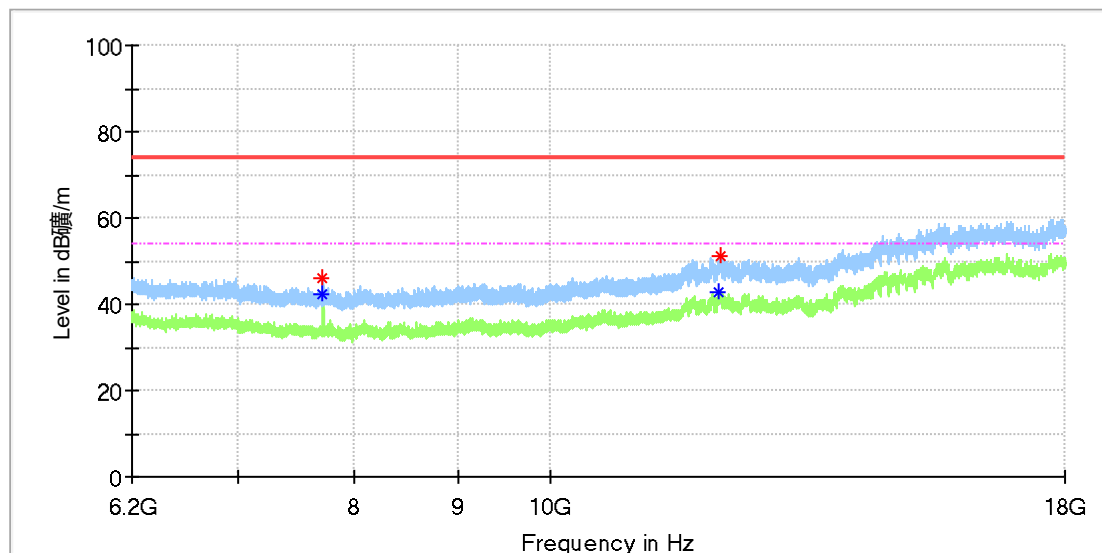
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	43.15	---	74.00	30.85	150.0	V	266.0	2.8
1312.500000	---	38.04	54.00	15.96	150.0	V	266.0	2.8
2662.500000	---	39.64	54.00	14.36	150.0	V	142.0	10.2
2663.000000	51.98	---	74.00	22.02	150.0	V	247.0	10.2
4646.000000	---	43.89	54.00	10.11	150.0	V	275.0	13.5
4658.500000	55.01	---	74.00	18.99	150.0	V	218.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

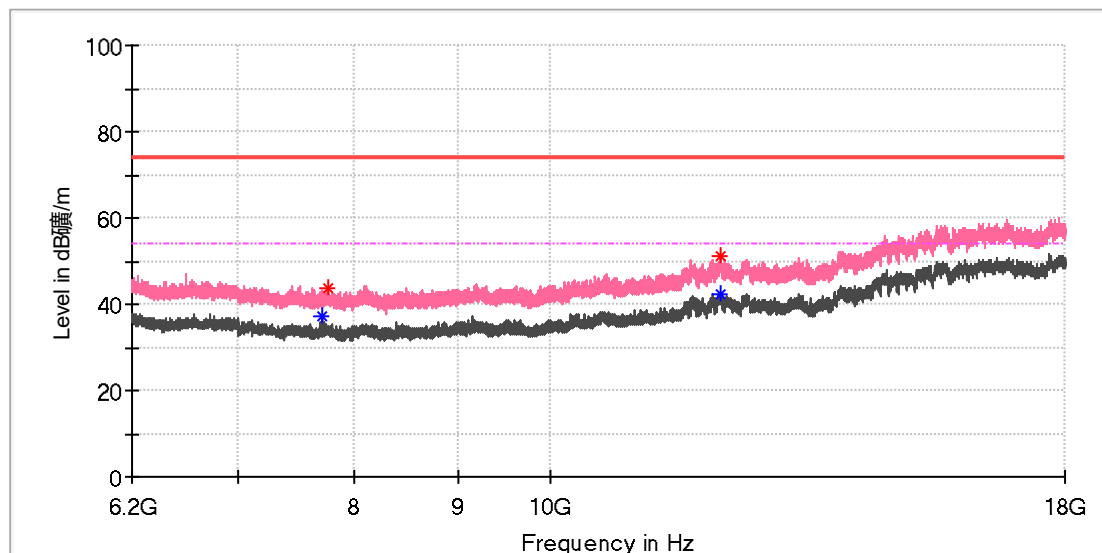
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7713.350000	---	42.17	54.00	11.83	150.0	H	231.0	8.7
7713.350000	46.17	---	74.00	27.83	150.0	H	231.0	8.7
12117.208333	---	42.88	54.00	11.12	150.0	H	352.0	15.9
12149.166667	51.35	---	74.00	22.65	150.0	H	296.0	16.7

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7712.858333	---	37.16	54.00	16.84	150.0	V	335.0	8.7
7754.158333	43.85	---	74.00	30.15	150.0	V	274.0	8.8
12139.333333	51.33	---	74.00	22.67	150.0	V	154.0	16.5
12152.608333	---	42.55	54.00	11.45	150.0	V	186.0	16.6

Final Result

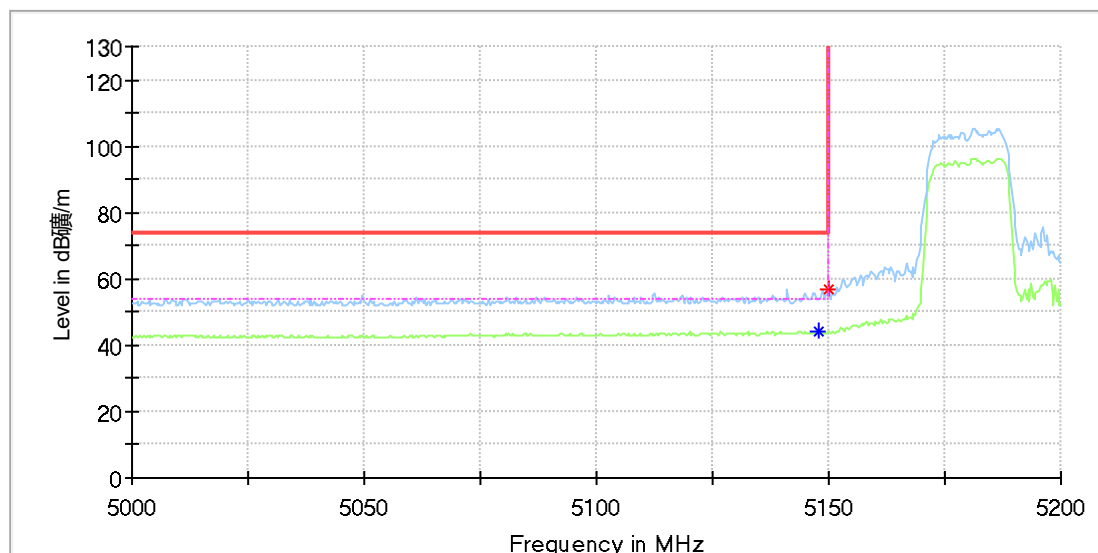
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 a mode

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

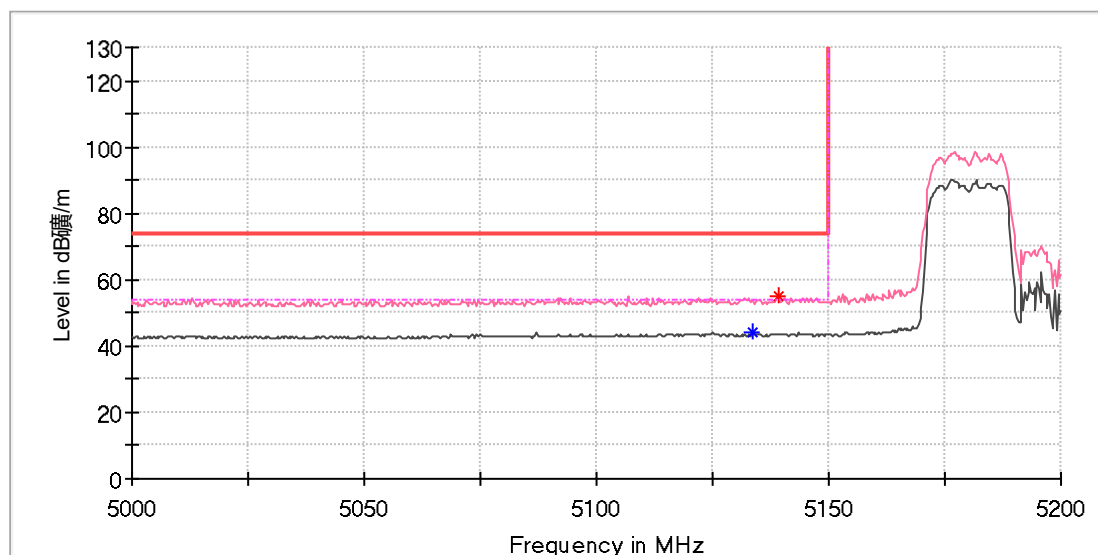
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.661111	---	43.98	54.00	10.02	150.0	H	212.0	13.9
5149.955556	57.02	---	74.00	16.98	150.0	H	146.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

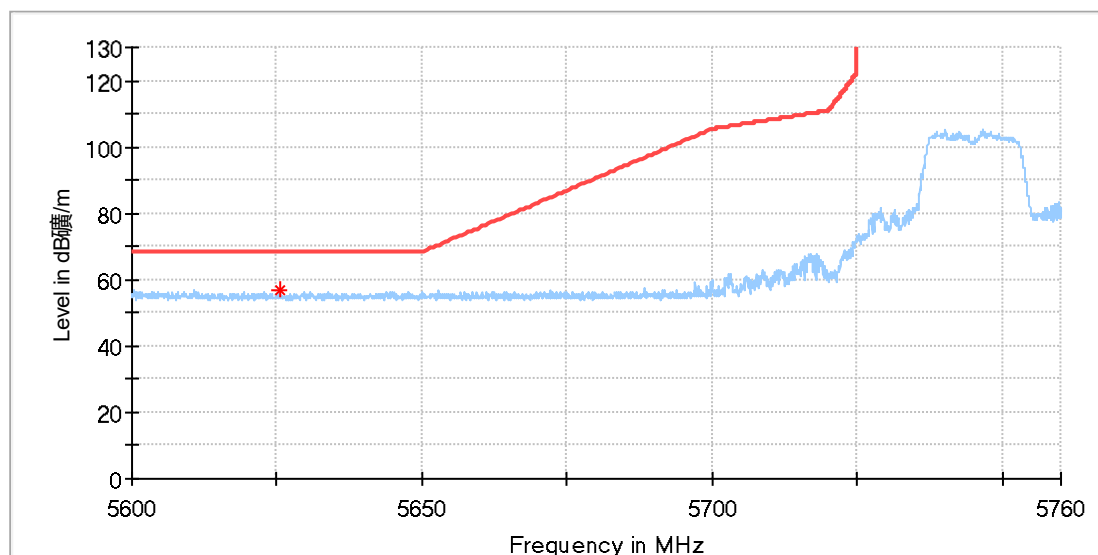
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5133.566667	---	44.14	54.00	9.86	150.0	V	60.0	13.9
5139.138889	55.31	---	74.00	18.69	150.0	V	282.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

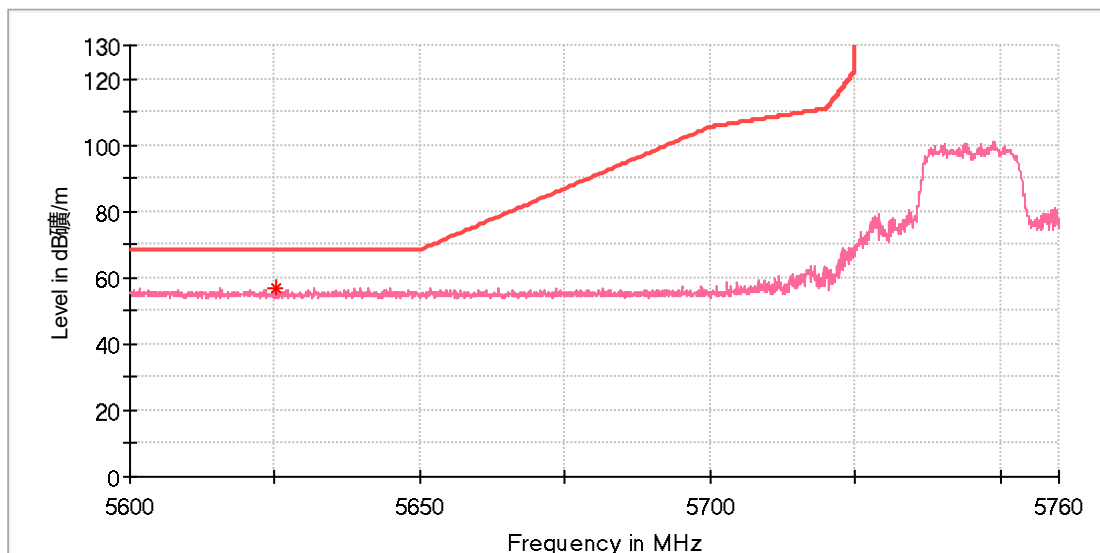
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5625.361111	56.96	68.20	11.24	150.0	H	77.0	15.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

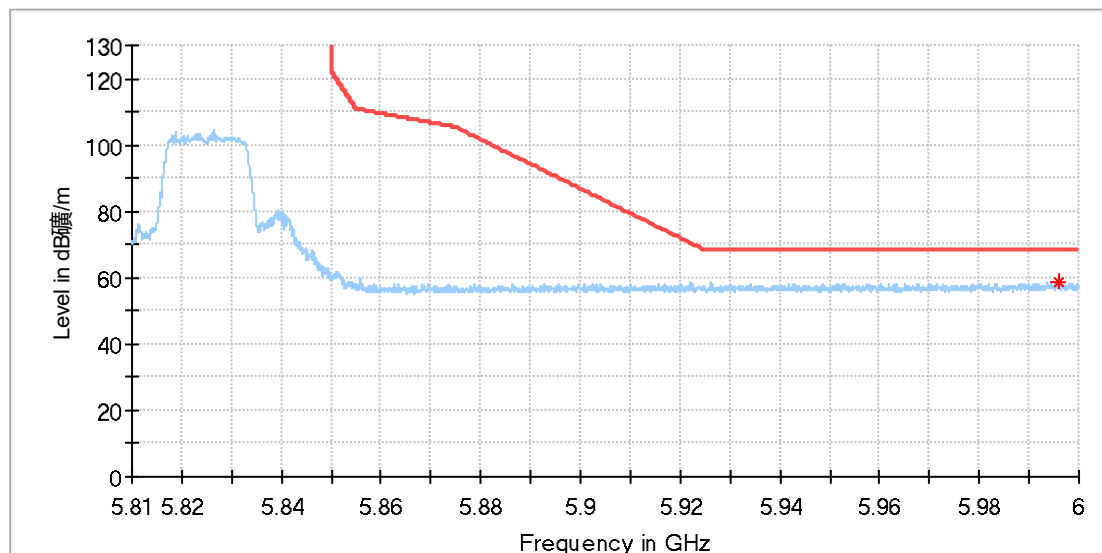
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5625.055556	56.97	68.20	11.23	150.0	V	63.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

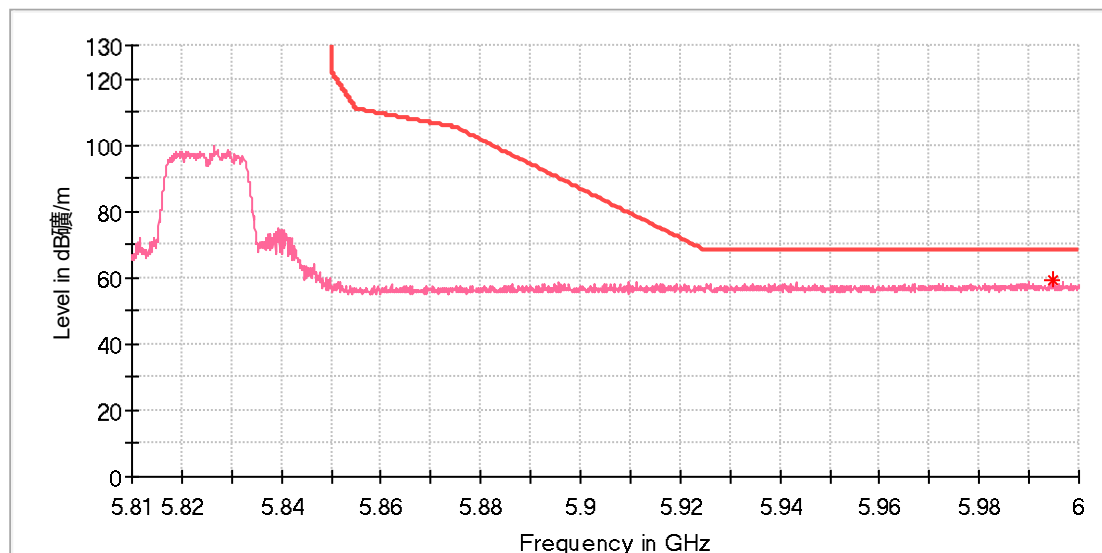
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5996.180556	58.54	68.20	9.66	150.0	H	120.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

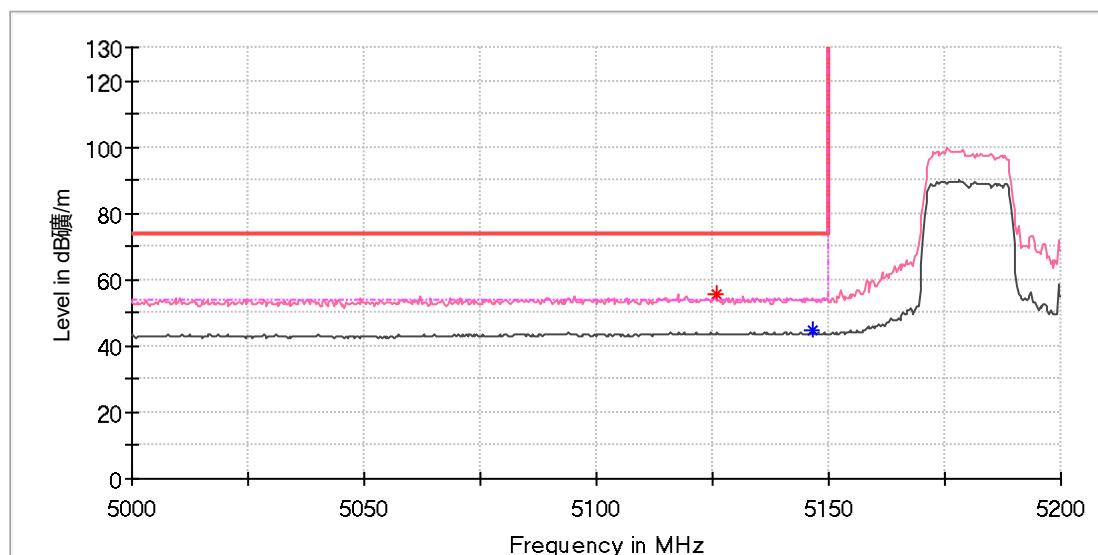
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5994.958333	59.13	68.20	9.07	150.0	V	52.0	16.5

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11n20_Ch36
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

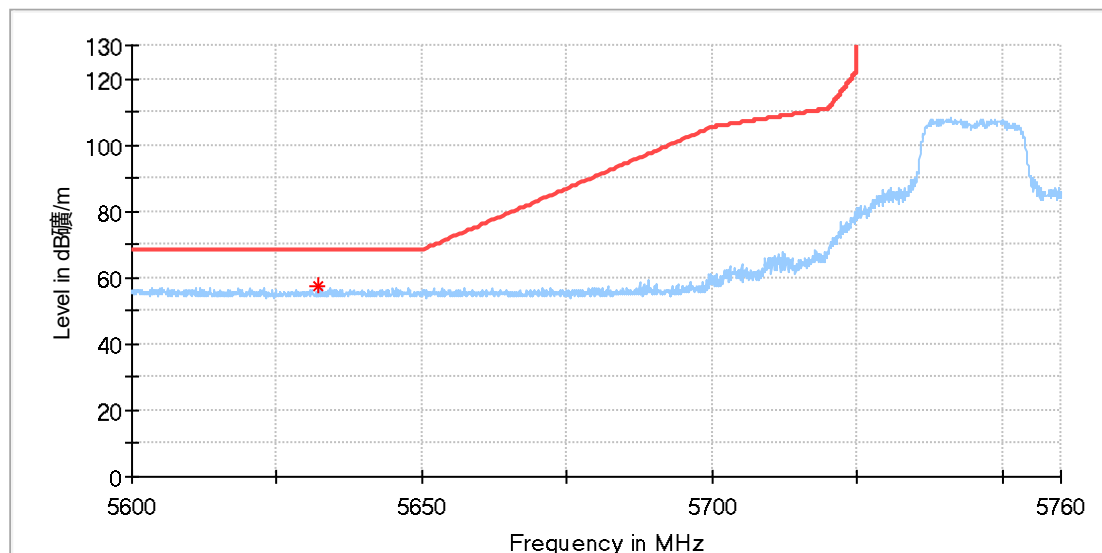
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5125.700000	55.64	---	74.00	18.36	150.0	V	75.0	13.8
5146.350000	---	44.49	54.00	9.51	150.0	V	212.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

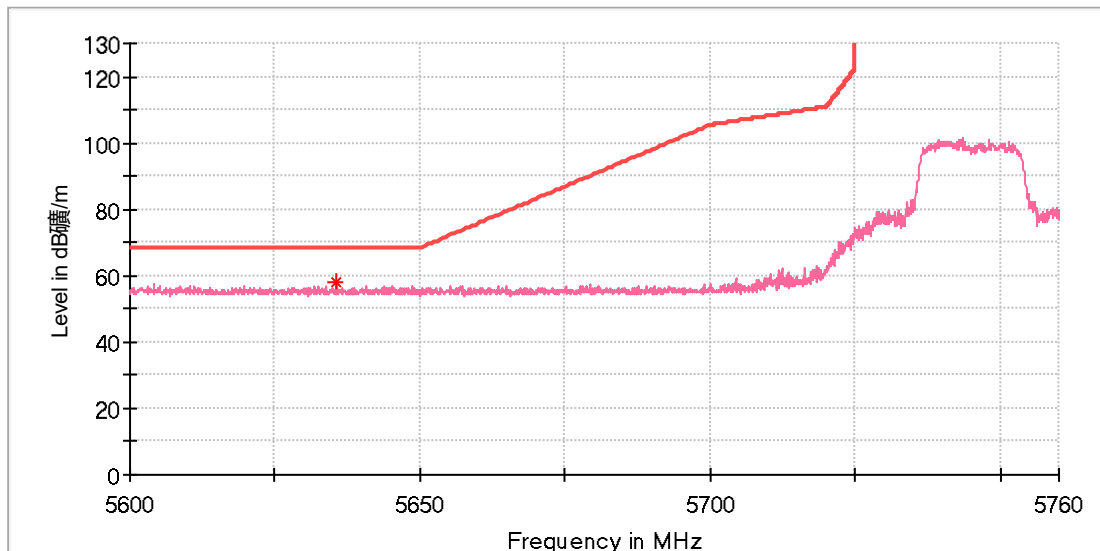
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5632.144445	57.49	68.20	10.71	150.0	H	43.0	15.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

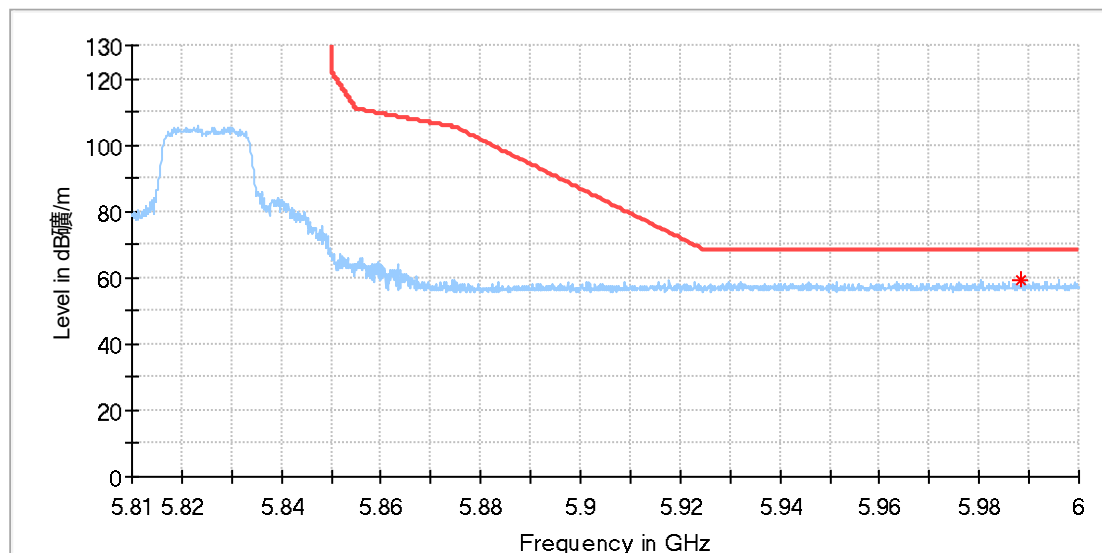
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.688889	57.75	68.20	10.45	150.0	V	19.0	15.3

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

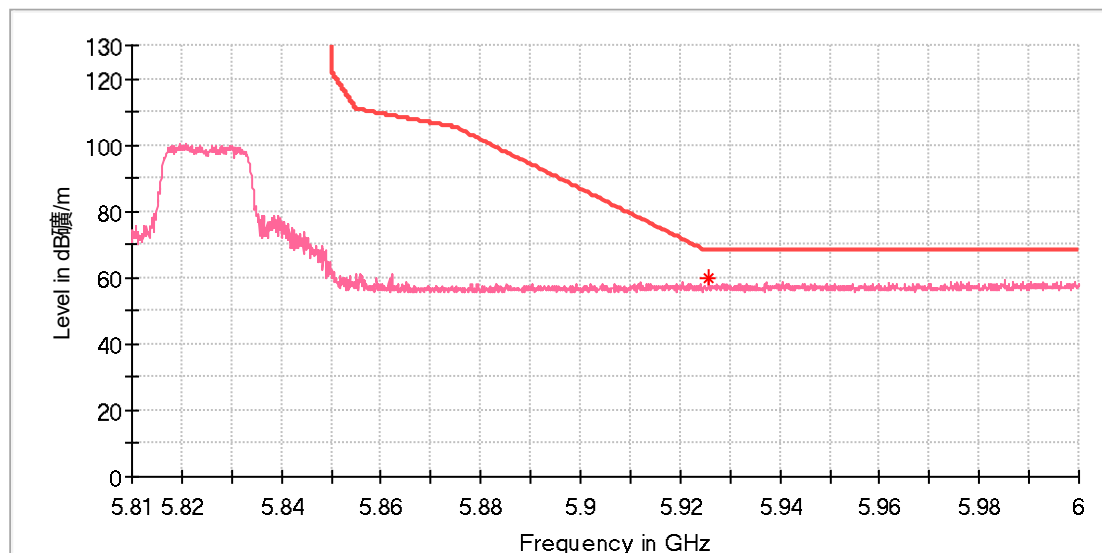
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5988.388889	59.34	68.20	8.86	150.0	H	159.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5925.597222	59.78	68.20	8.42	150.0	V	192.0	16.1

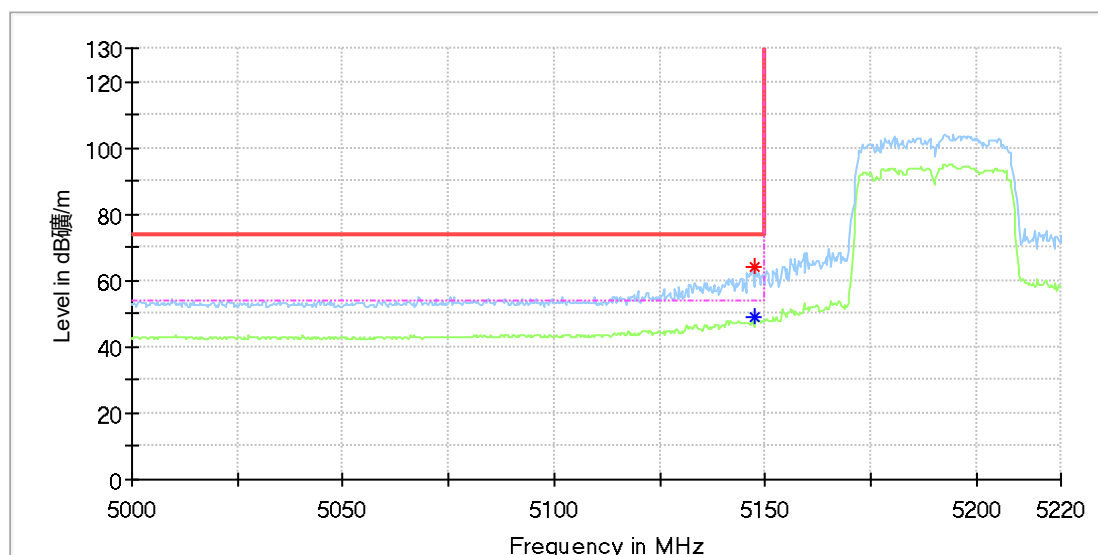
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Wi-Fi 802.11 ac(VHT40) mode

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11ac40_Ch38
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

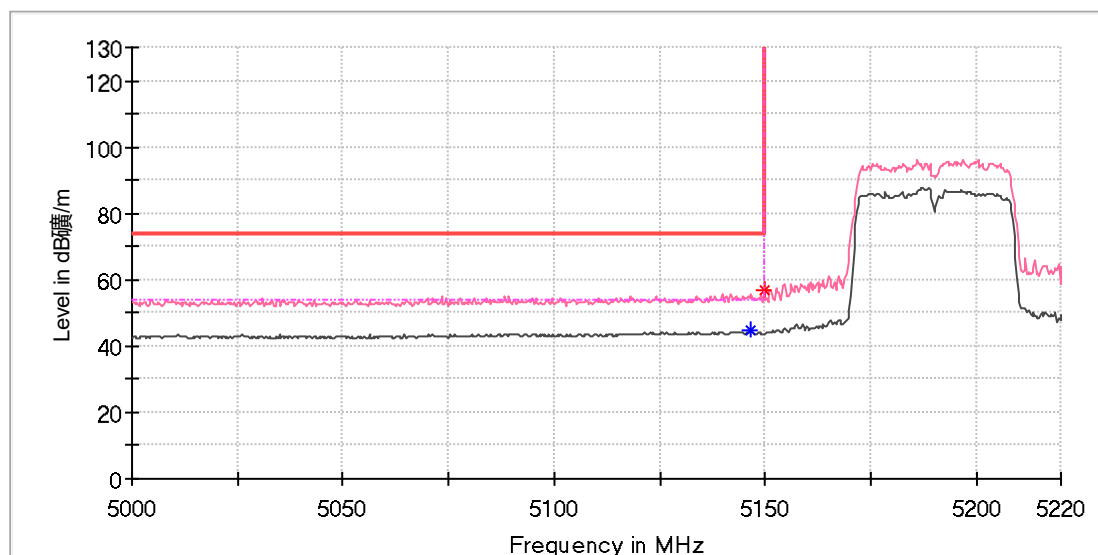
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.661111	63.82	---	74.00	10.18	150.0	H	141.0	13.9
5147.661111	---	49.21	54.00	4.79	150.0	H	141.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11ac40_Ch38
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

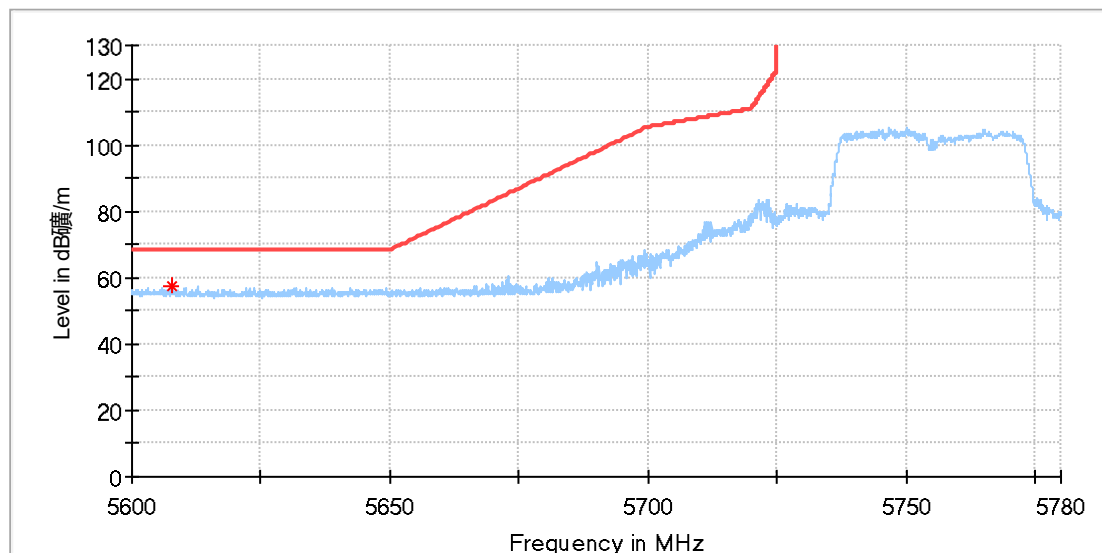
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.677778	---	44.58	54.00	9.42	150.0	V	190.0	13.9
5149.627778	57.08	---	74.00	16.92	150.0	V	213.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11ac40_Ch151
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

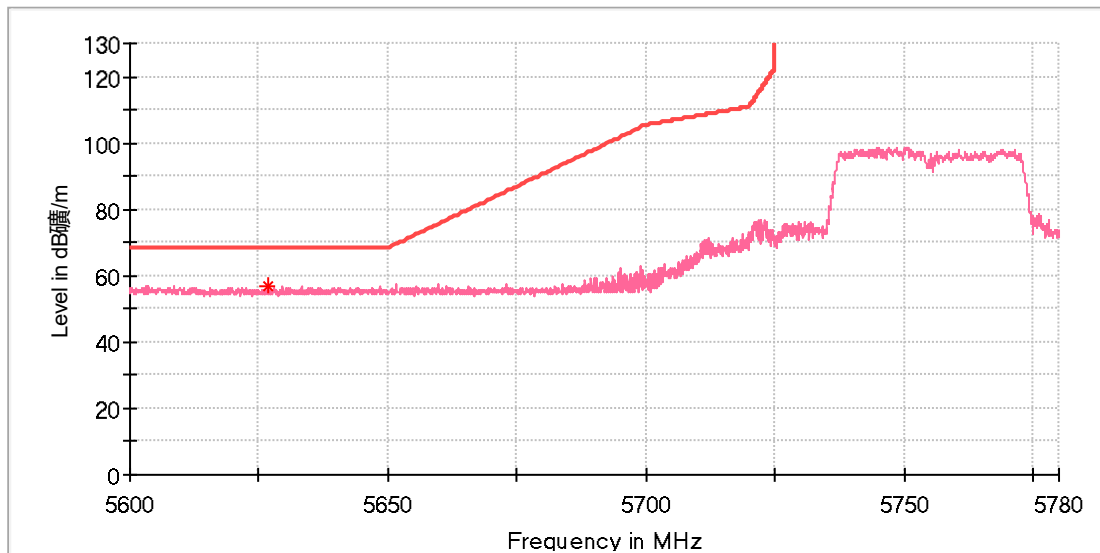
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5607.944445	57.64	68.20	10.56	150.0	H	296.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11ac40_Ch151
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

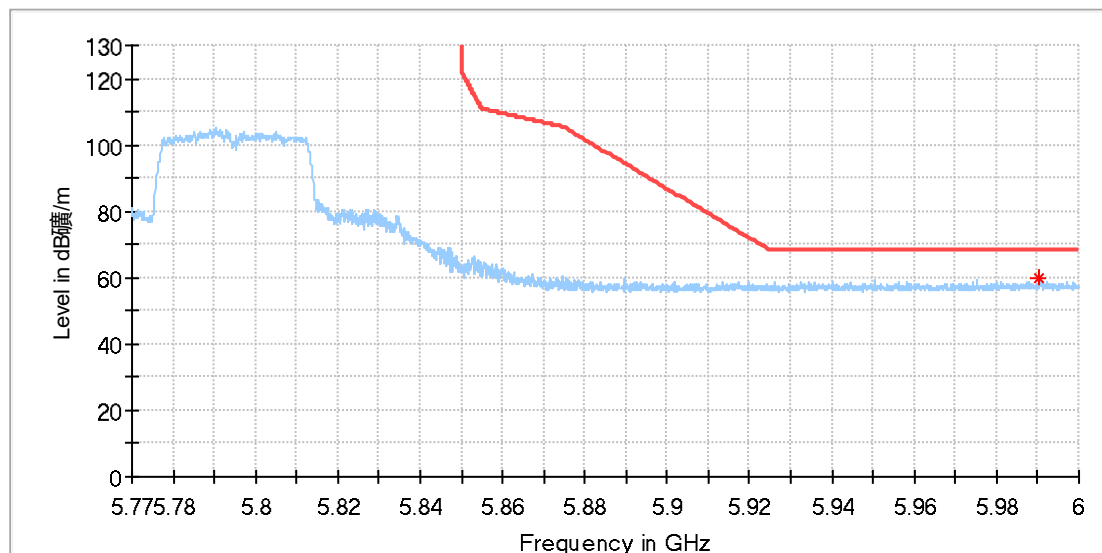
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5626.888889	56.65	68.20	11.55	150.0	V	19.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11ac40_Ch159
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

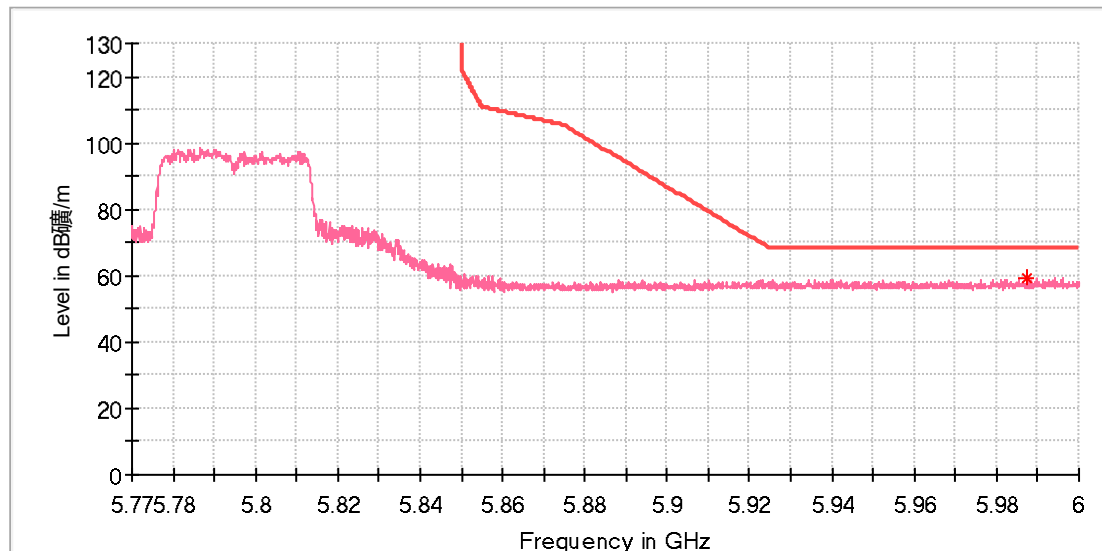
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5990.222222	59.61	68.20	8.59	150.0	H	85.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11ac40_Ch159
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

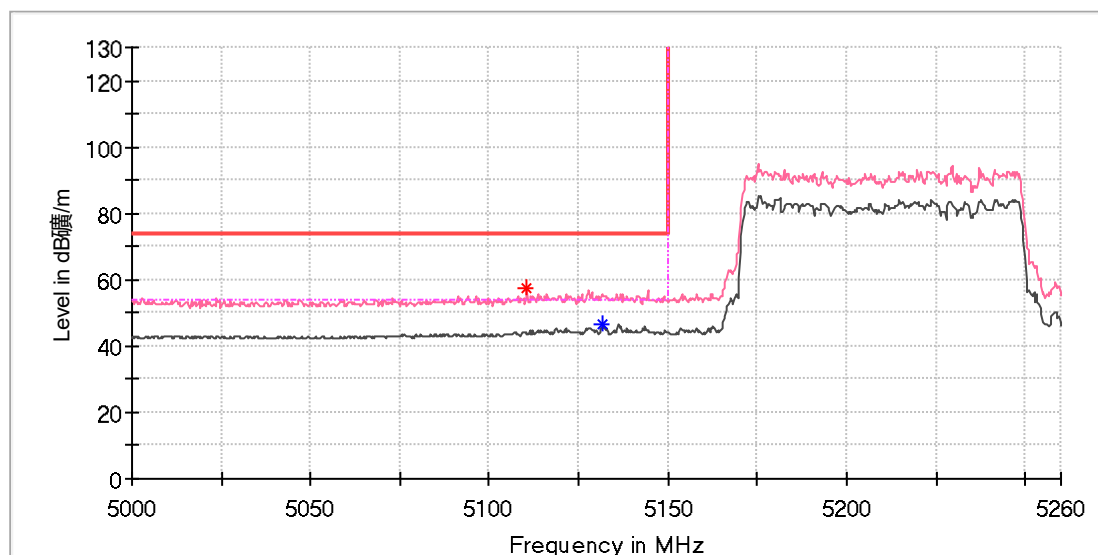
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5987.548611	59.15	68.20	9.05	150.0	V	73.0	16.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name:	A2 Quadruped Robot
Model:	A2-W PRO
Test Mode:	WIFI 5G_11ax80_Ch42
Order No/Sample No:	168583829/A004271048-003
Test Voltage:	Battery
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

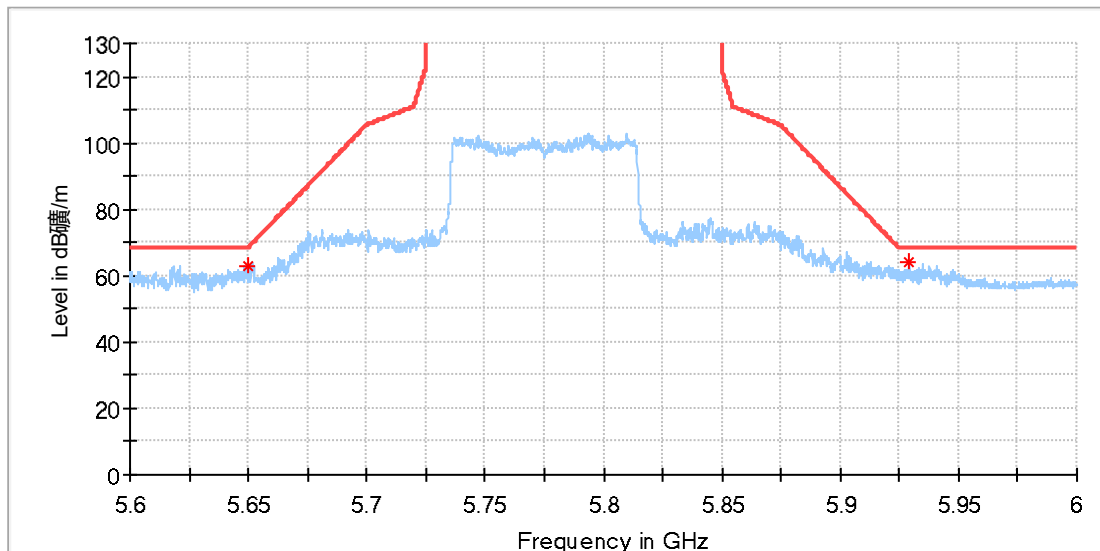
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5110.622222	57.20	---	74.00	16.80	150.0	V	318.0	13.8
5131.927778	---	46.44	54.00	7.56	150.0	V	314.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11ax80_Ch155
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

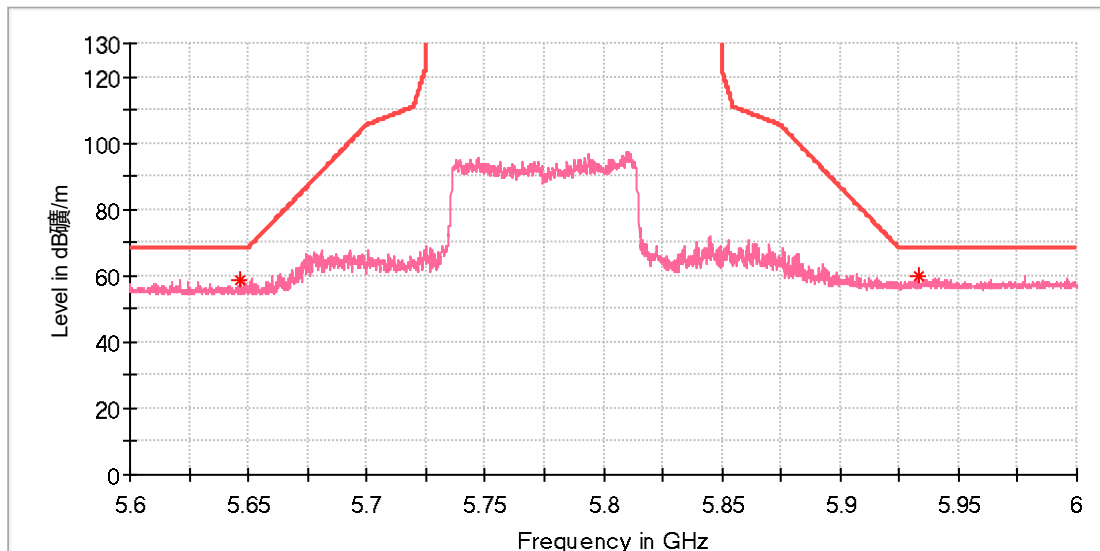
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5929.333333	64.05	68.20	4.15	150.0	H	147.0	16.2
5650.111111	62.97	68.28	5.31	150.0	H	325.0	15.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: A2 Quadruped Robot
Model: A2-W PRO
Test Mode: WIFI 5G_11ax80_Ch155
Order No/Sample No: 168583829/A004271048-003
Test Voltage: Battery
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5646.888889	58.87	68.20	9.33	150.0	V	140.0	15.3
5932.888889	59.91	68.20	8.29	150.0	V	131.0	16.2

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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