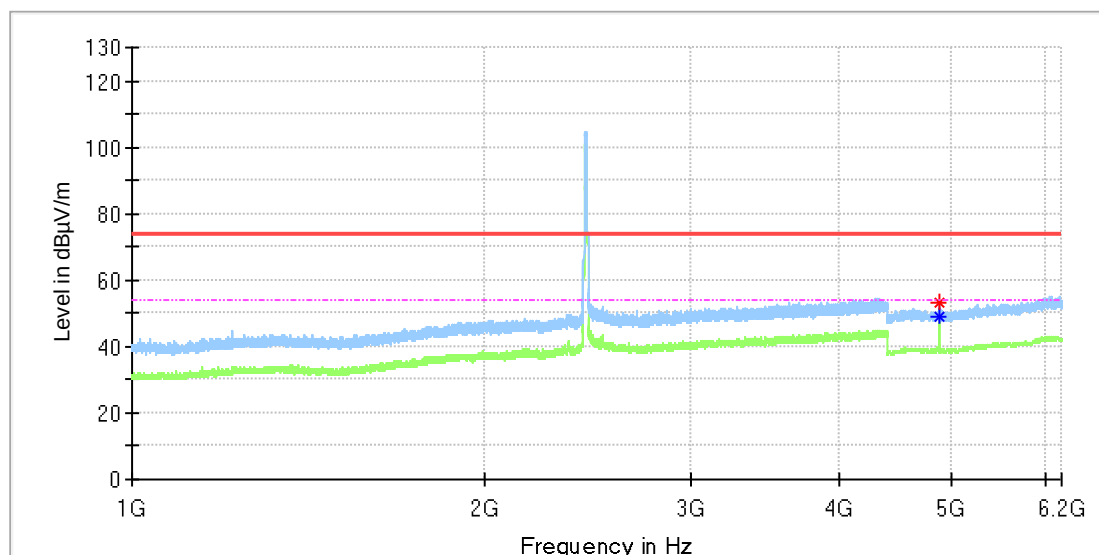


EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

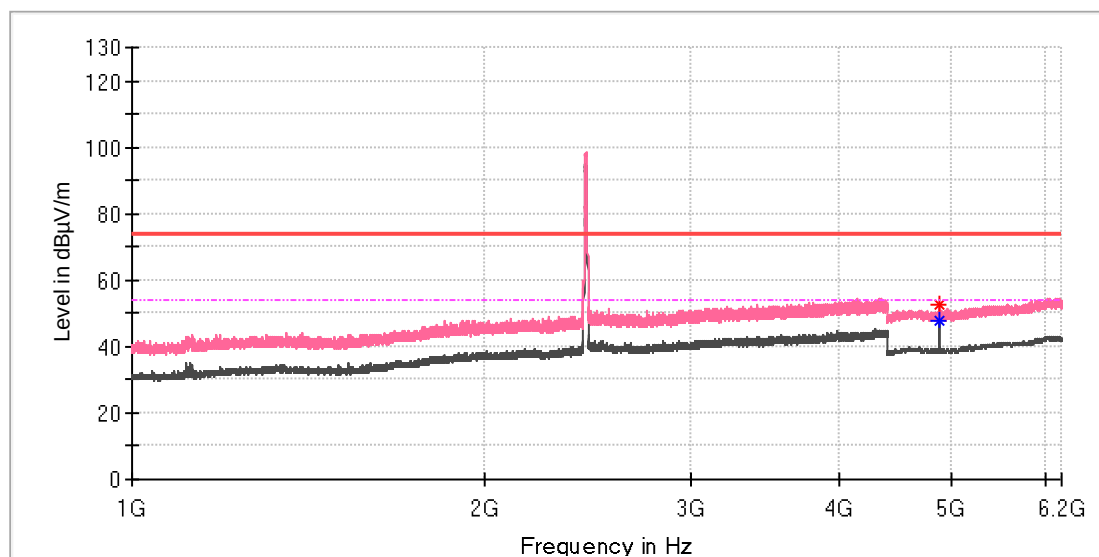
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	53.03	---	74.00	20.97	100.0	H	237.0	11.8
4874.000000	---	48.69	54.00	5.31	100.0	H	237.0	11.8

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
 Model: S80ULT
 Test Mode: WIFI 2.4G_11b_Ch6
 Order No/Sample No: 168397761/A003371436-002
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

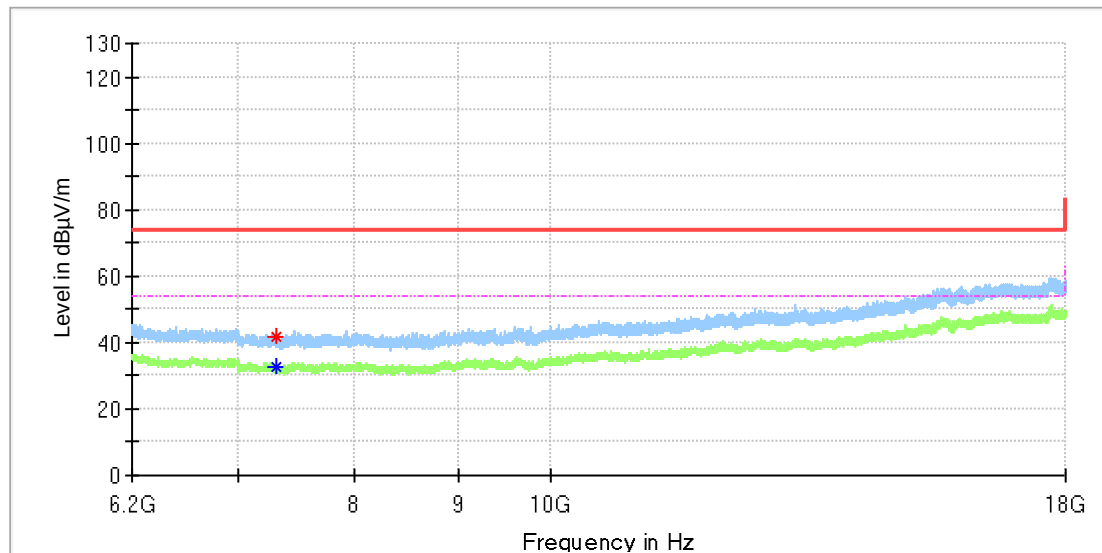
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	52.63	---	74.00	21.37	100.0	V	107.0	11.8
4874.000000	---	48.00	54.00	6.00	100.0	V	107.0	11.8

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

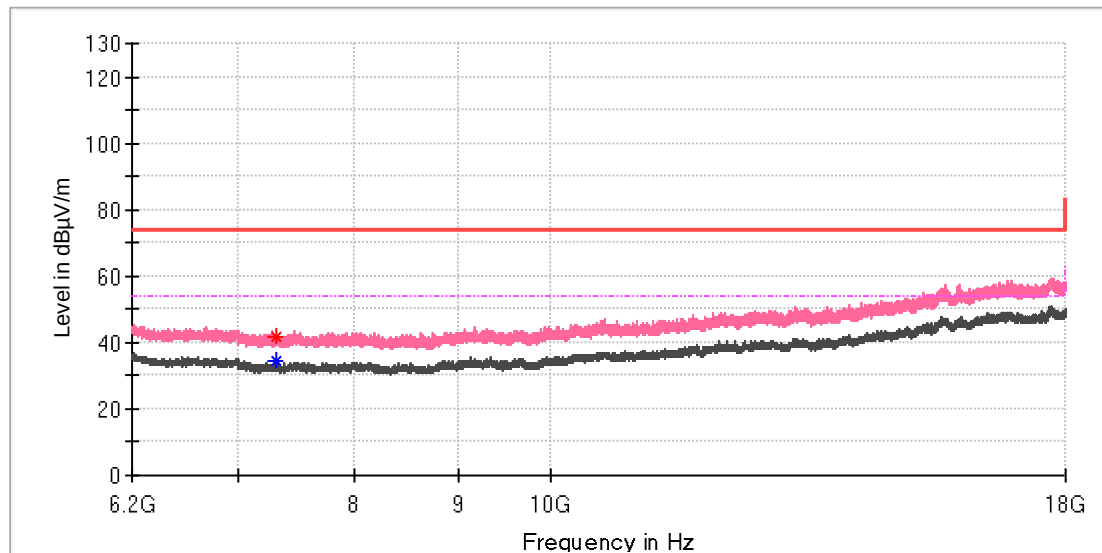
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.708333	---	32.79	54.00	21.21	100.0	H	277.0	8.2
7310.183333	41.84	---	74.00	32.16	100.0	H	277.0	8.2

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

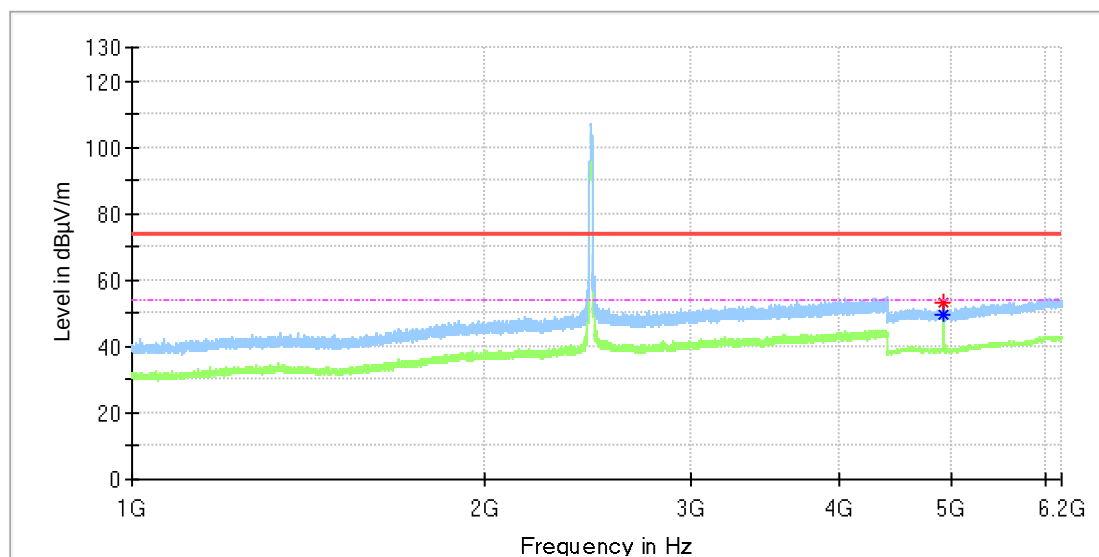
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7311.658333	---	34.42	54.00	19.58	100.0	V	0.0	8.2
7316.575000	41.43	---	74.00	32.57	100.0	V	160.0	8.2

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
 Model: S80ULT
 Test Mode: WIFI 2.4G_11b_Ch11
 Order No/Sample No: 168397761/A003371436-002
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

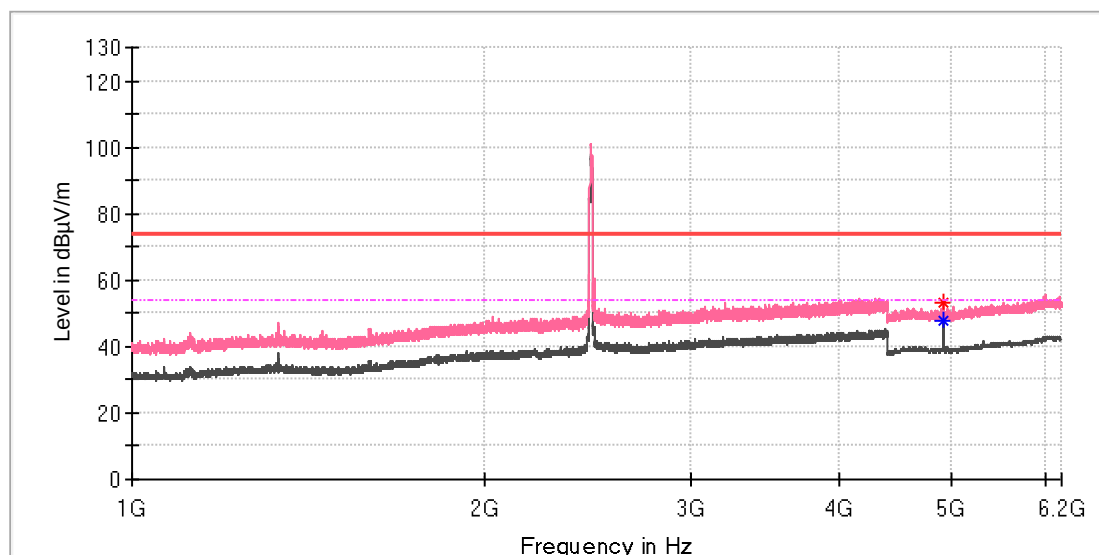
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	---	48.92	54.00	5.08	100.0	H	299.0	11.8
4924.000000	53.45	---	74.00	20.55	100.0	H	299.0	11.8

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

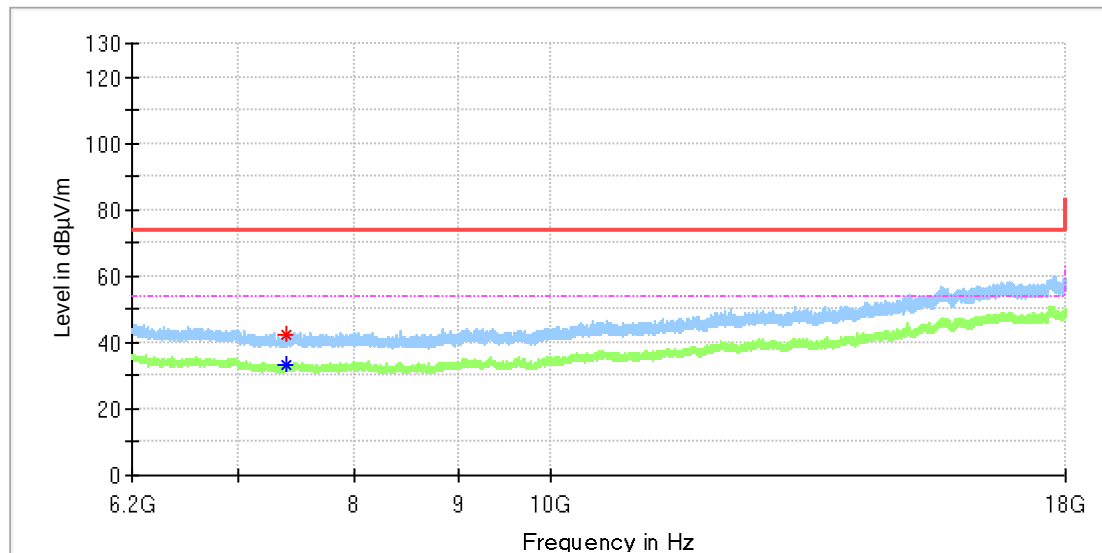
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	---	47.72	54.00	6.28	100.0	V	108.0	11.8
4924.000000	53.40	---	74.00	20.60	100.0	V	108.0	11.8

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

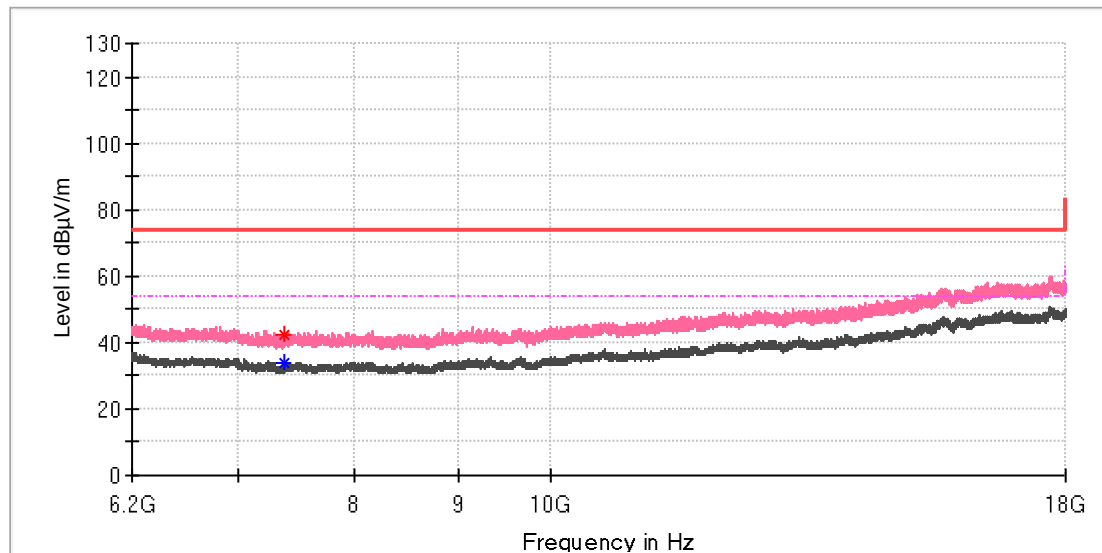
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7389.341667	---	33.18	54.00	20.82	100.0	H	80.0	8.2
7398.683333	42.18	---	74.00	31.82	100.0	H	33.0	8.3

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

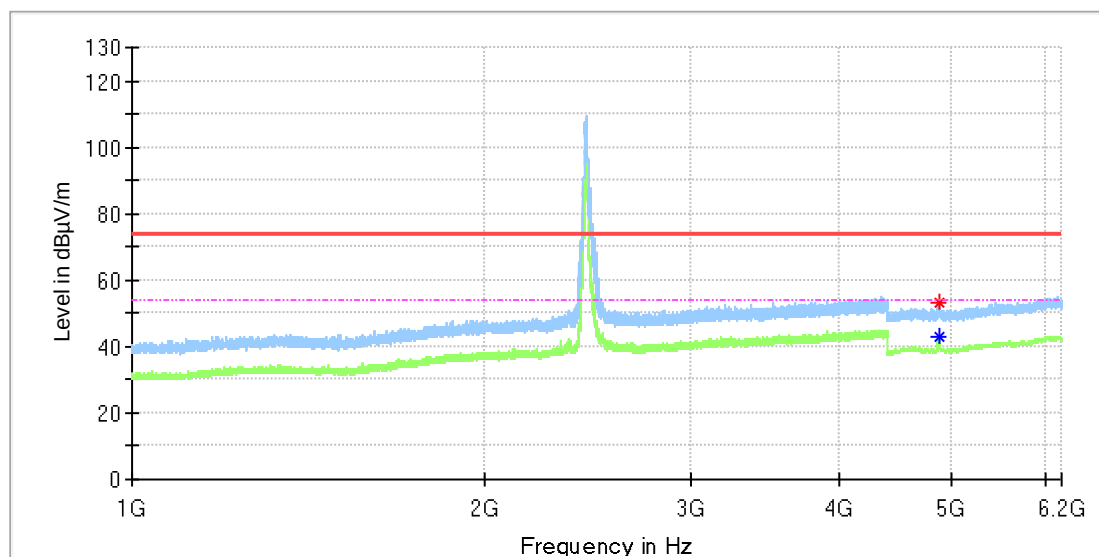
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7383.441667	42.47	---	74.00	31.53	100.0	V	0.0	8.2
7383.933333	---	33.94	54.00	20.06	100.0	V	0.0	8.2

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
 Model: S80ULT
 Test Mode: WIFI 2.4G_11g_Ch6
 Order No/Sample No: 168397761/A003371436-002
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

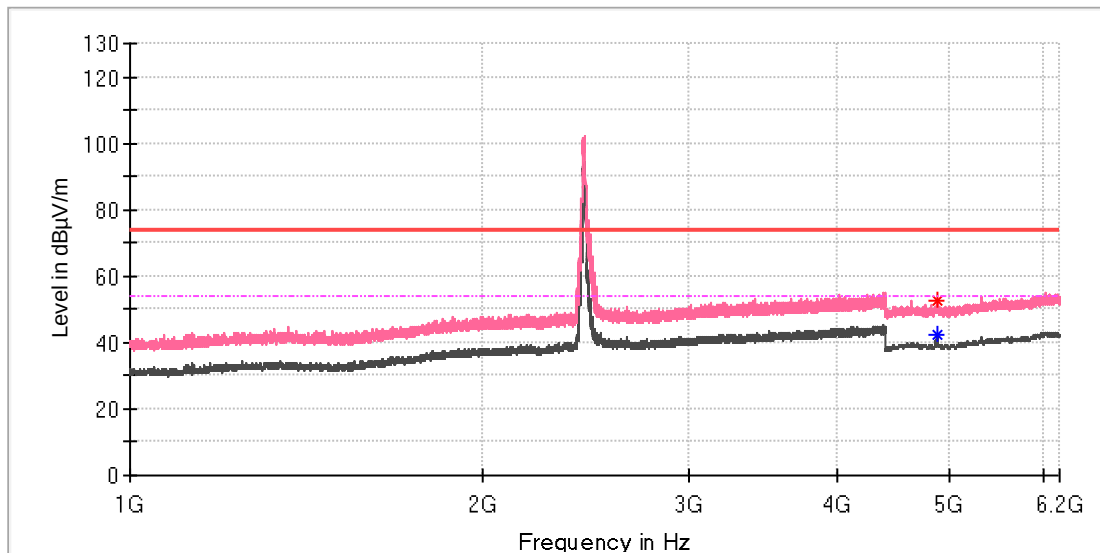
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4876.500000	53.18	---	74.00	20.82	100.0	H	244.0	11.8
4878.500000	---	42.82	54.00	11.18	100.0	H	280.0	11.8

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: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

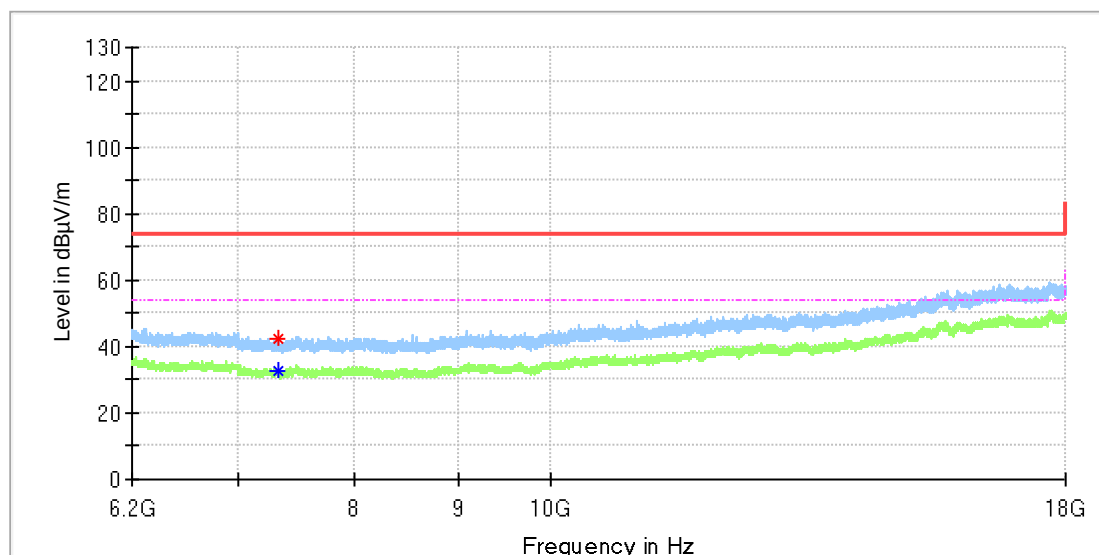
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	---	42.11	54.00	11.89	100.0	V	235.0	11.8
4872.000000	52.40	---	74.00	21.60	100.0	V	184.0	11.8

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

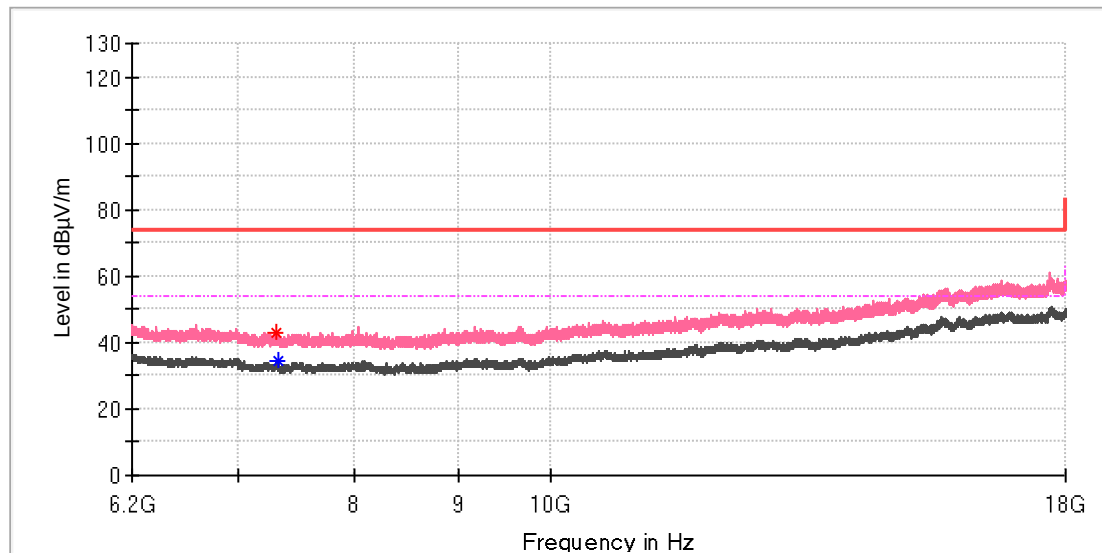
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7318.541667	---	32.80	54.00	21.20	100.0	H	61.0	8.2
7333.291667	42.19	---	74.00	31.81	100.0	H	261.0	8.1

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

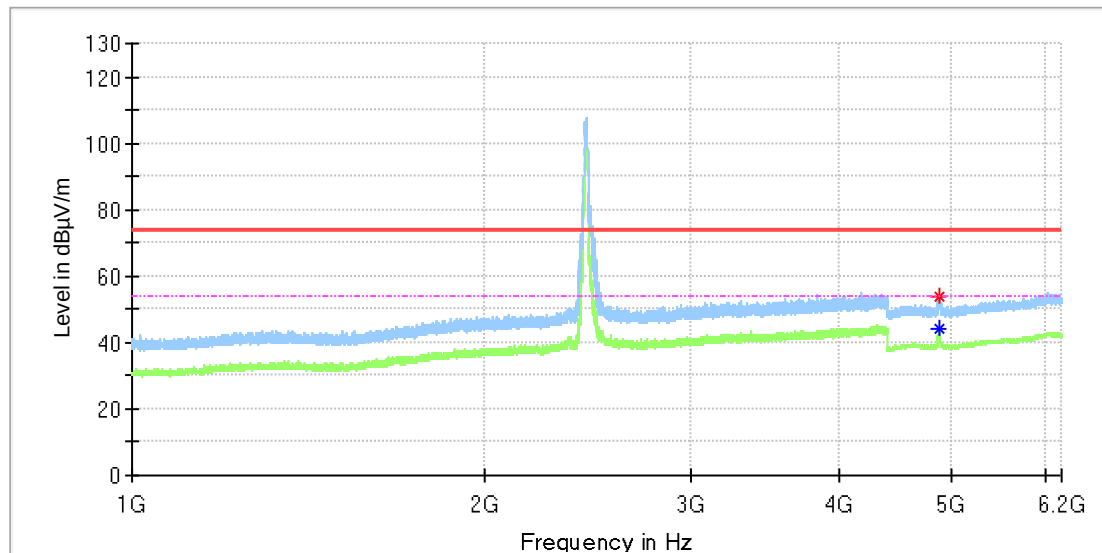
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7317.066667	42.76	---	74.00	31.24	100.0	V	0.0	8.2
7322.966667	---	34.18	54.00	19.82	100.0	V	0.0	8.2

Final Result

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

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

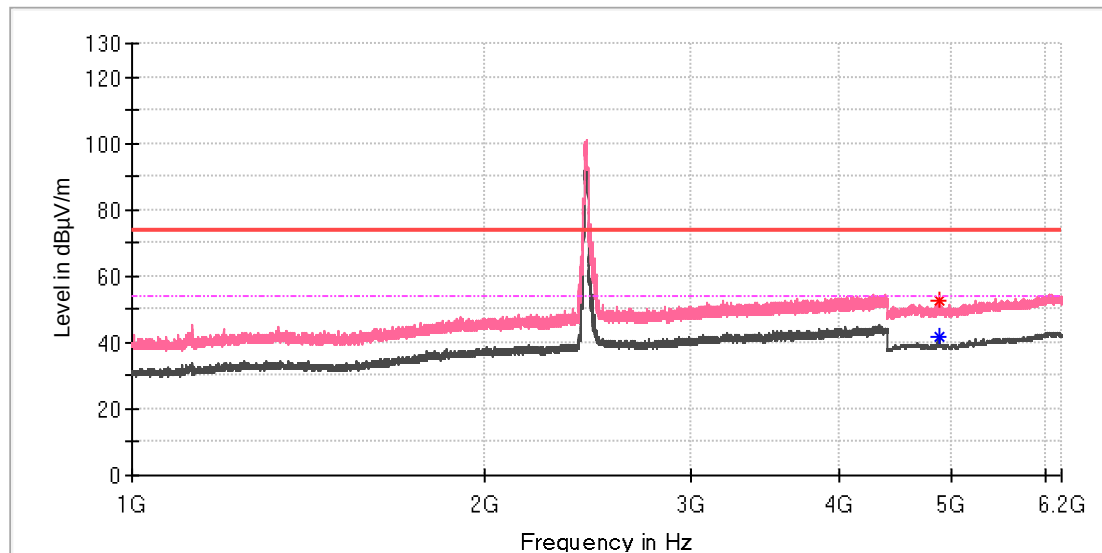
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4872.500000	53.91	---	74.00	20.09	100.0	H	251.0	11.8
4875.000000	---	44.34	54.00	9.66	100.0	H	251.0	11.8

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

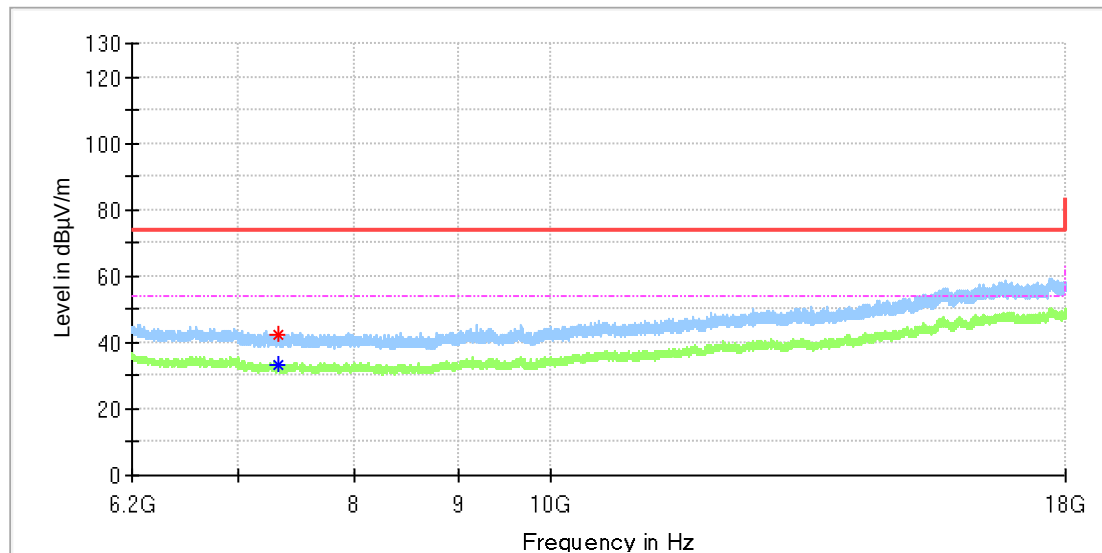
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	52.85	---	74.00	21.15	100.0	V	124.0	11.8
4874.500000	---	41.70	54.00	12.30	100.0	V	340.0	11.8

Final_Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

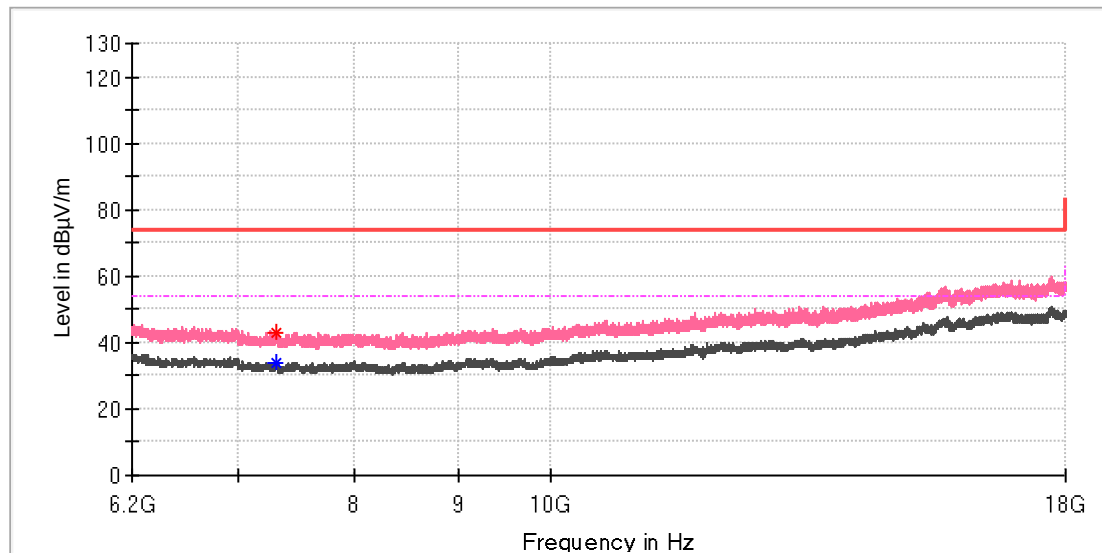
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.966667	42.09	---	74.00	31.91	100.0	H	74.0	8.2
7323.458333	---	33.18	54.00	20.82	100.0	H	168.0	8.2

Final Result

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

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

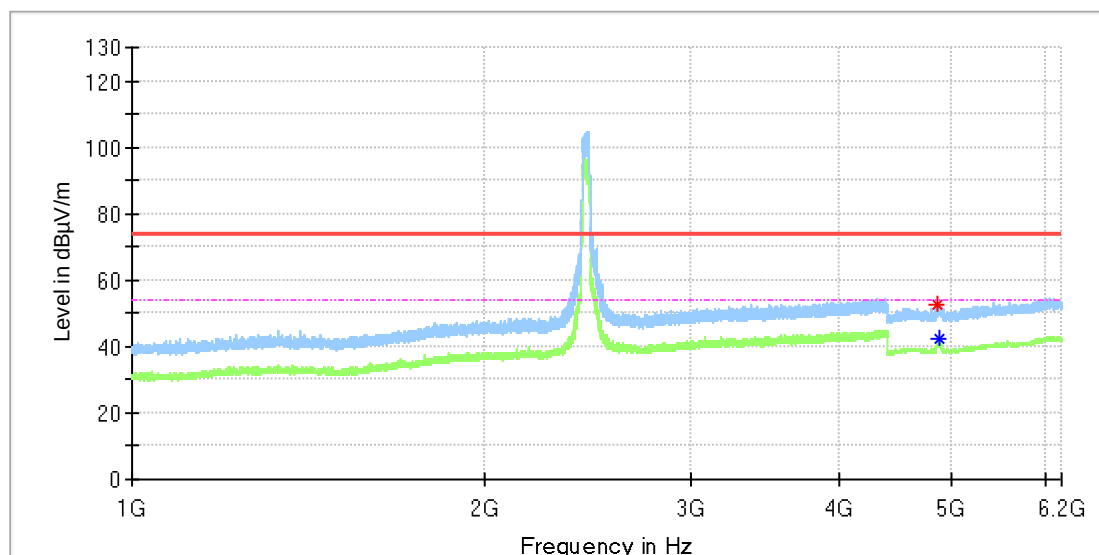
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.183333	---	34.05	54.00	19.95	100.0	V	0.0	8.2
7316.083333	43.00	---	74.00	31.00	100.0	V	260.0	8.2

Final Result

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

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

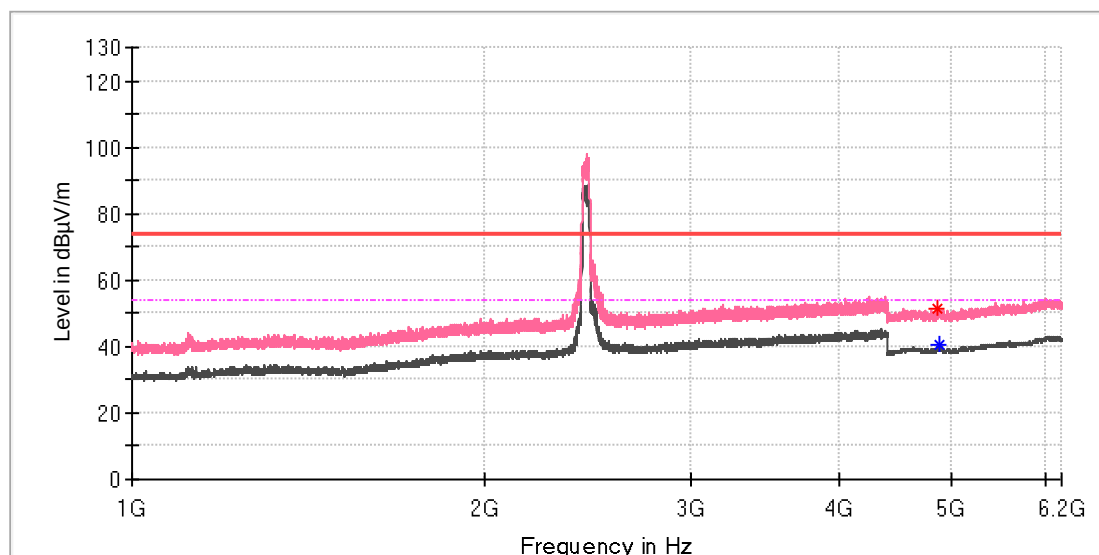
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4856.500000	52.58	---	74.00	21.42	100.0	H	249.0	11.8
4873.000000	---	42.24	54.00	11.76	100.0	H	249.0	11.8

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:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

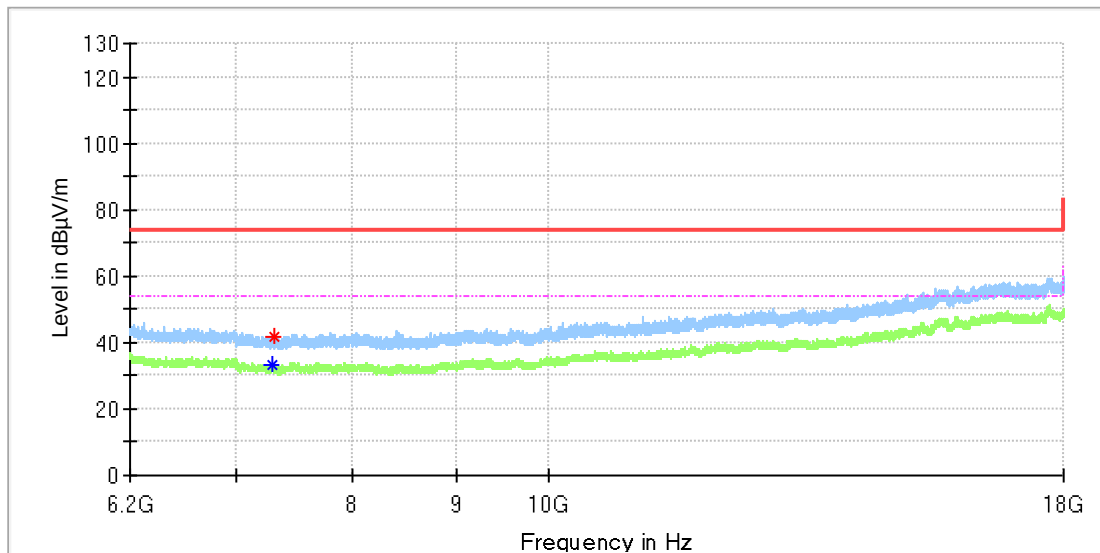
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4866.000000	51.44	---	74.00	22.56	100.0	V	141.0	11.8
4871.500000	---	40.69	54.00	13.31	100.0	V	120.0	11.8

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

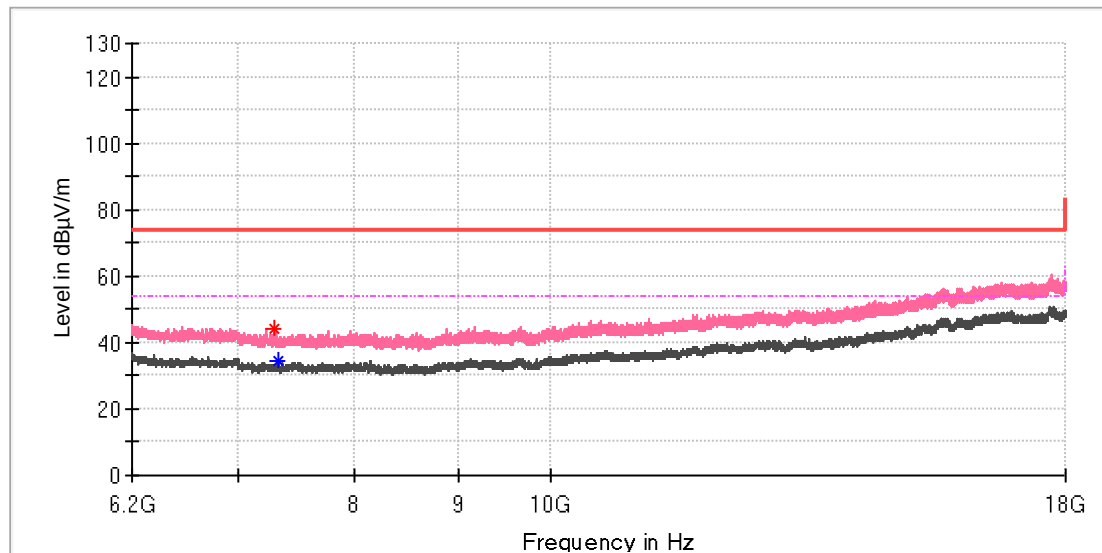
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7296.416667	---	33.17	54.00	20.83	100.0	H	48.0	8.3
7311.658333	41.63	---	74.00	32.37	100.0	H	122.0	8.2

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
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)
7287.566667	44.34	---	74.00	29.66	100.0	V	249.0	8.4
7321.983333	---	34.46	54.00	19.54	100.0	V	297.0	8.2

Final Result

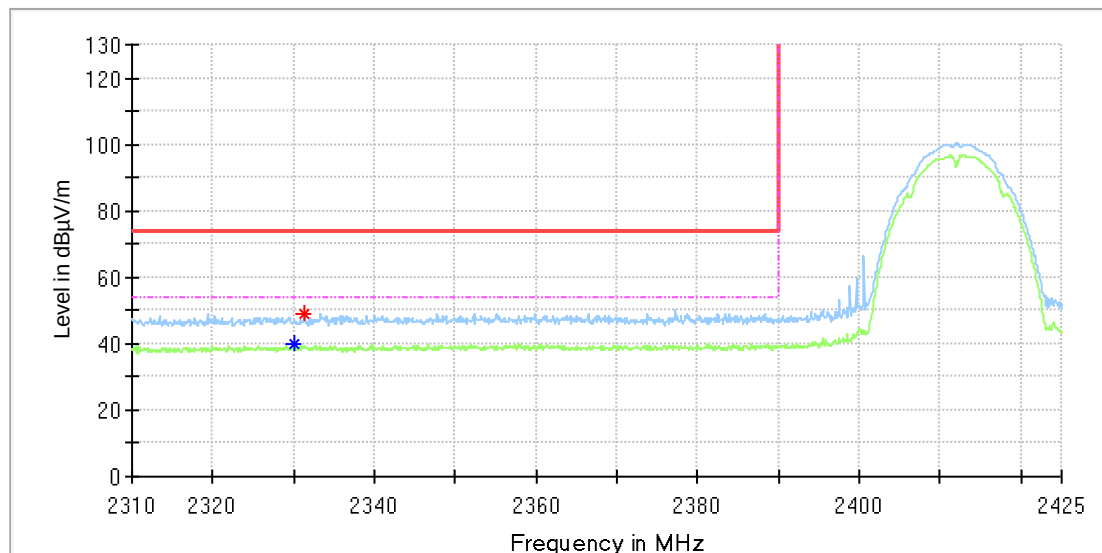
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode, 1 Mbps

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

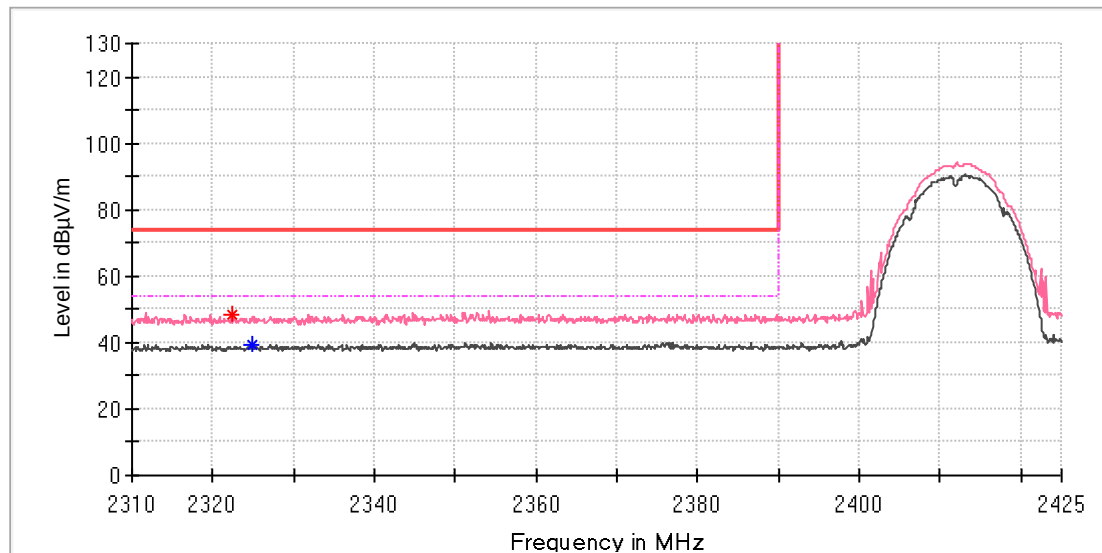
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2330.000000	---	39.94	54.00	14.06	100.0	H	118.0	6.7
2331.300000	49.15	---	74.00	24.85	100.0	H	247.0	6.7

Final_Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

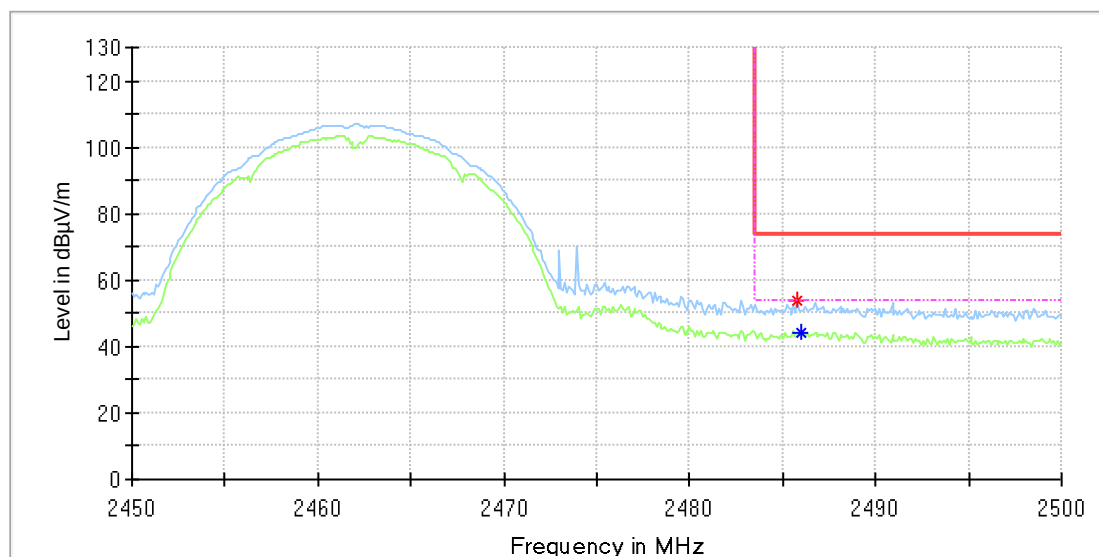
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2322.300000	48.34	---	74.00	25.66	100.0	V	0.0	6.6
2324.800000	---	39.27	54.00	14.73	100.0	V	123.0	6.6

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
 Model: S80ULT
 Test Mode: WIFI 2.4G_11b_Ch11
 Order No/Sample No: 168397761/A003371436-002
 Test Voltage: Battery
 Remark: Temp 23 Humi:58%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

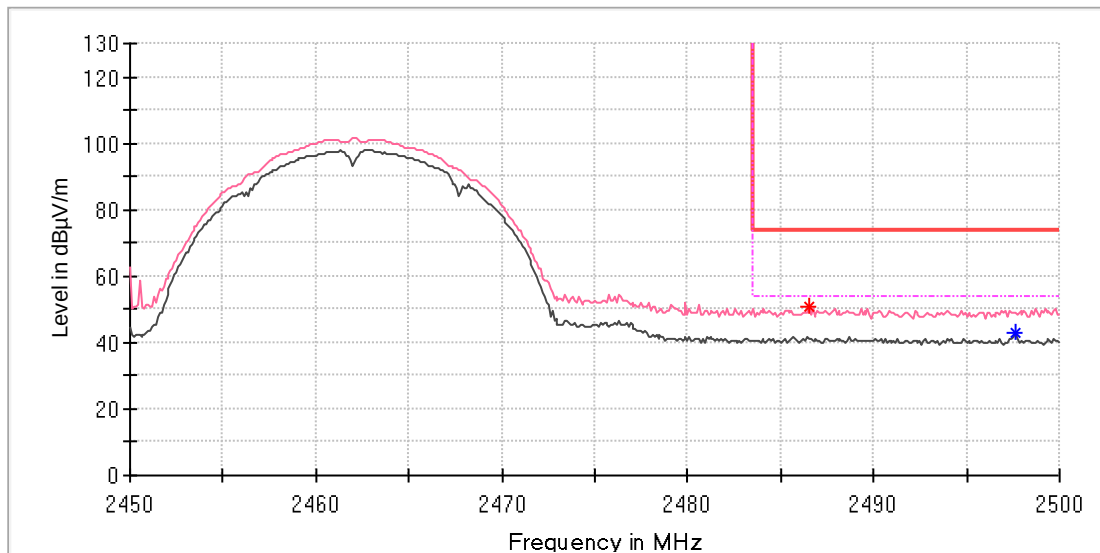
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.800000	53.76	---	74.00	20.24	100.0	H	120.0	7.4
2486.000000	---	44.30	54.00	9.70	100.0	H	277.0	7.4

Final Result

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

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
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)
2486.500000	50.74	---	74.00	23.26	100.0	V	83.0	7.4
2497.600000	---	42.75	54.00	11.25	100.0	V	90.0	7.4

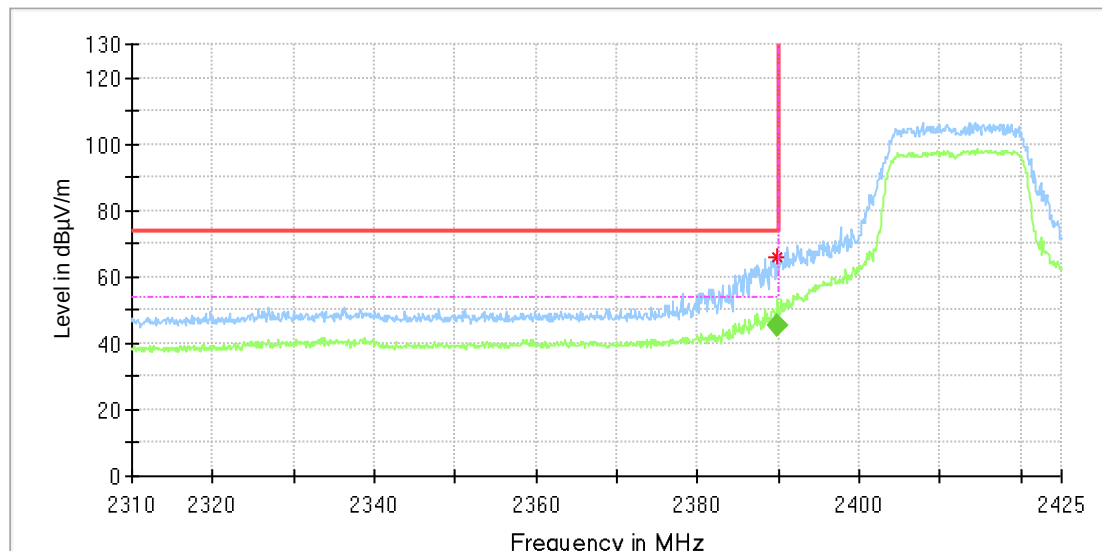
Final Result

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

Wi-Fi 802.11 g mode, 6 Mbps

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

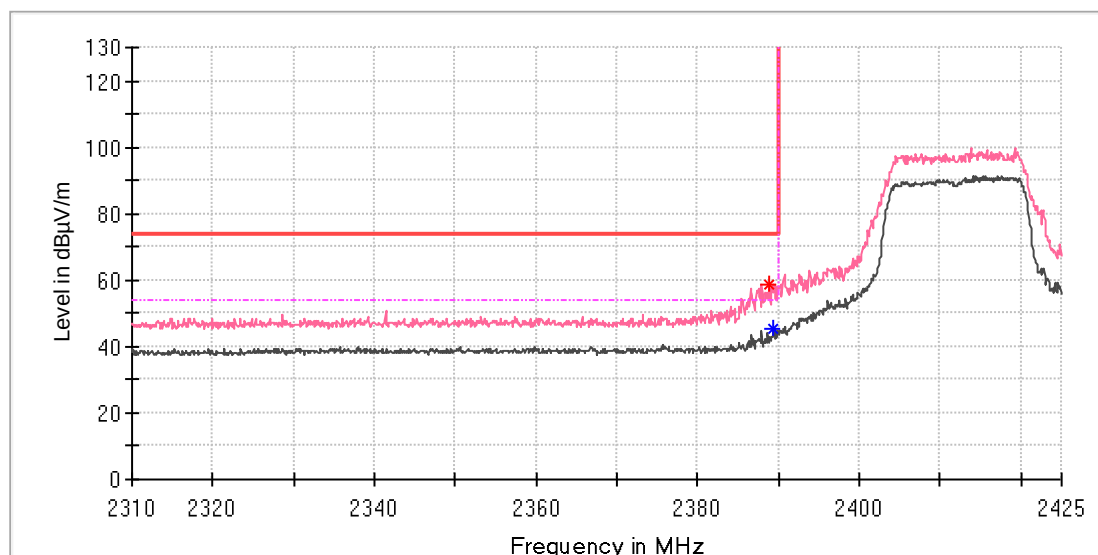
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.900000	65.80	---	74.00	8.20	100.0	H	127.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.878000	45.41	54.00	8.59	100.0	H	107.0	7.0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

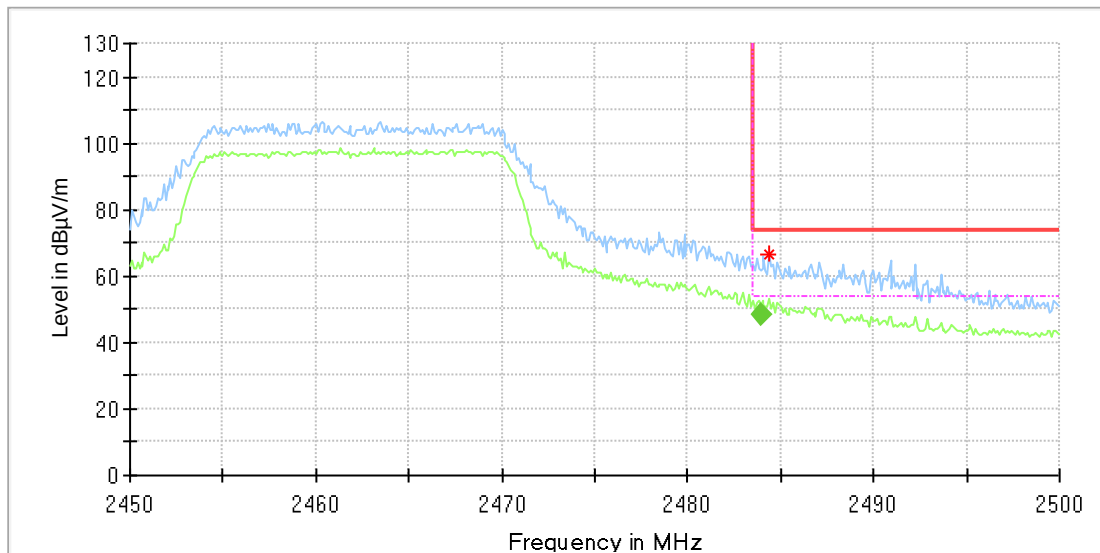
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.800000	58.86	---	74.00	15.14	100.0	V	72.0	7.0
2389.300000	---	45.52	54.00	8.48	100.0	V	72.0	7.0

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

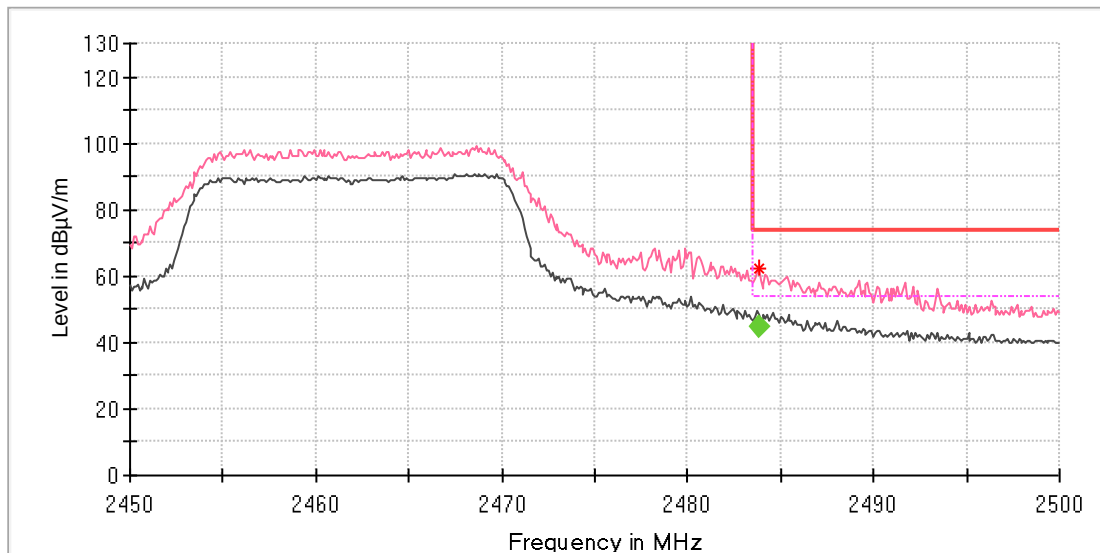
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.400000	66.73	---	74.00	7.27	100.0	H	290.0	7.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.930750	48.16	54.00	5.84	105.0	H	289.0	7.4

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
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)
2483.800000	62.11	---	74.00	11.89	100.0	V	95.0	7.4

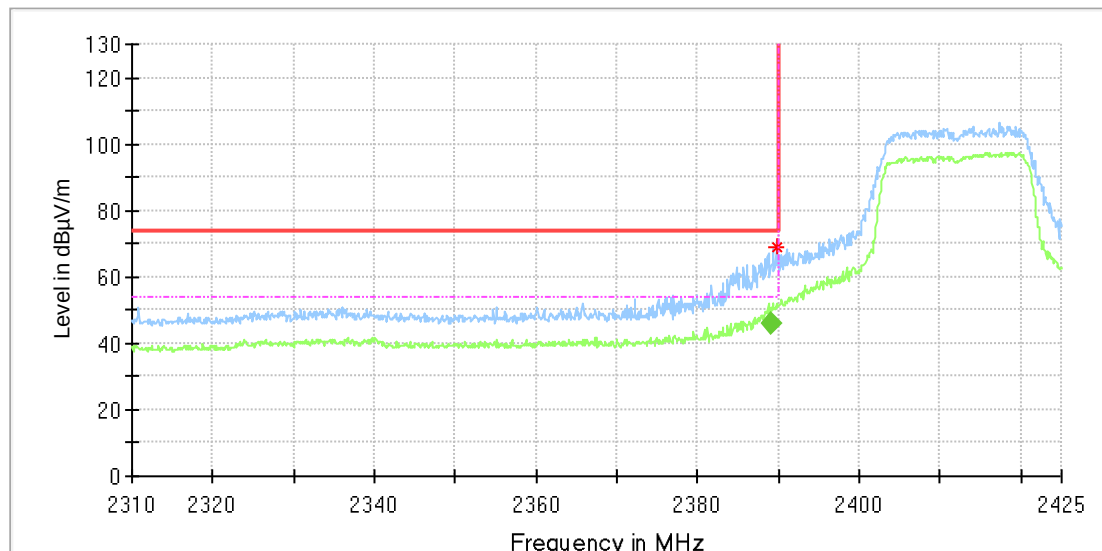
Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.838400	44.83	54.00	9.17	100.0	V	90.0	7.4

Wi-Fi 802.11 n(HT20) mode, MCS0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

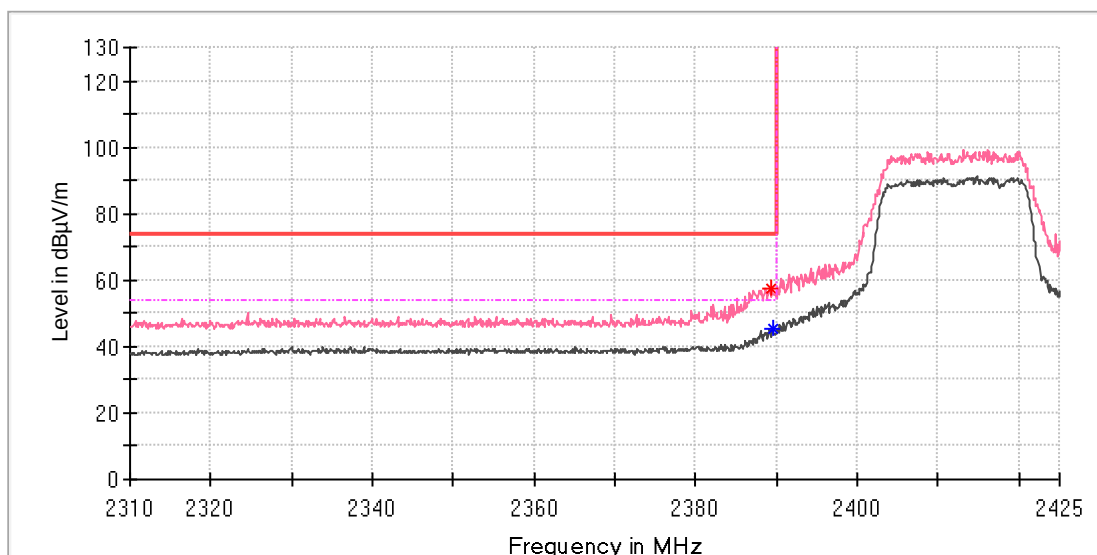
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.700000	68.88	---	74.00	5.12	100.0	H	136.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.966800	46.04	54.00	7.96	100.0	H	297.0	7.0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

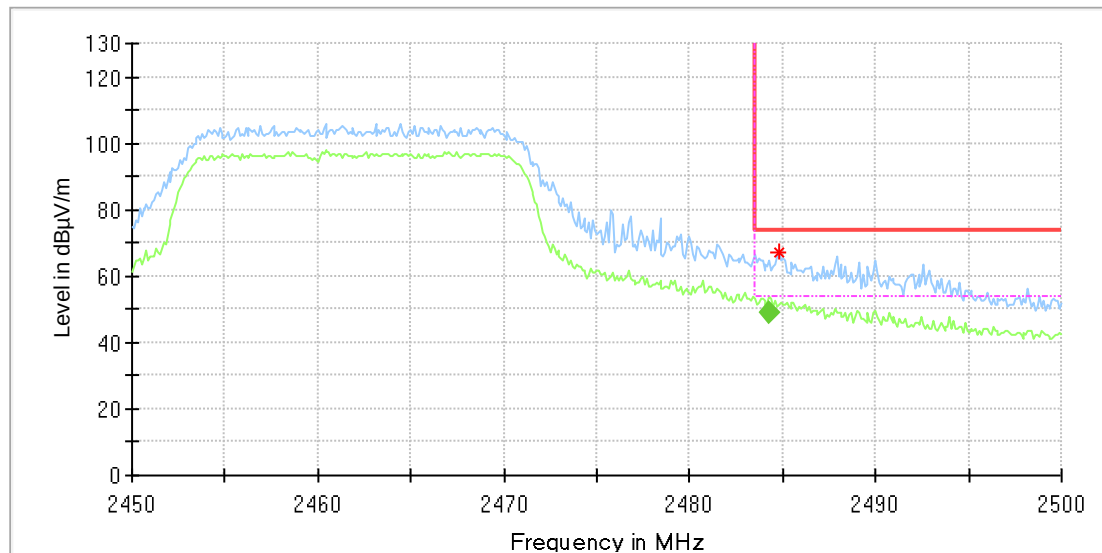
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.200000	57.48	---	74.00	16.52	100.0	V	276.0	7.0
2389.500000	---	45.55	54.00	8.45	100.0	V	216.0	7.0

Final Result

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

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

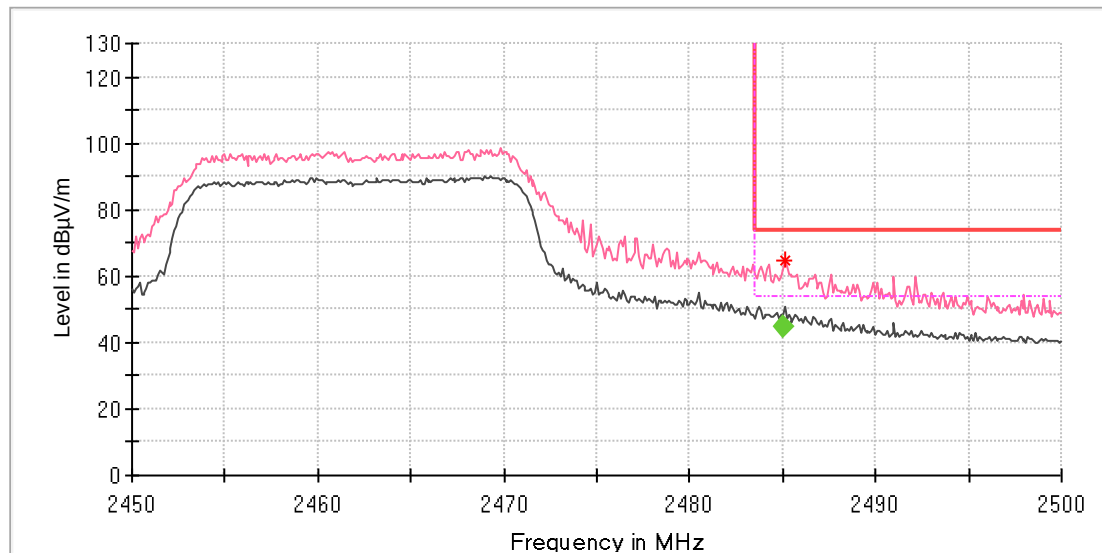
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.800000	66.99	---	74.00	7.01	100.0	H	289.0	7.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.244400	48.91	54.00	5.09	100.0	H	135.0	7.4

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
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)
2485.100000	64.63	---	74.00	9.37	100.0	V	91.0	7.4

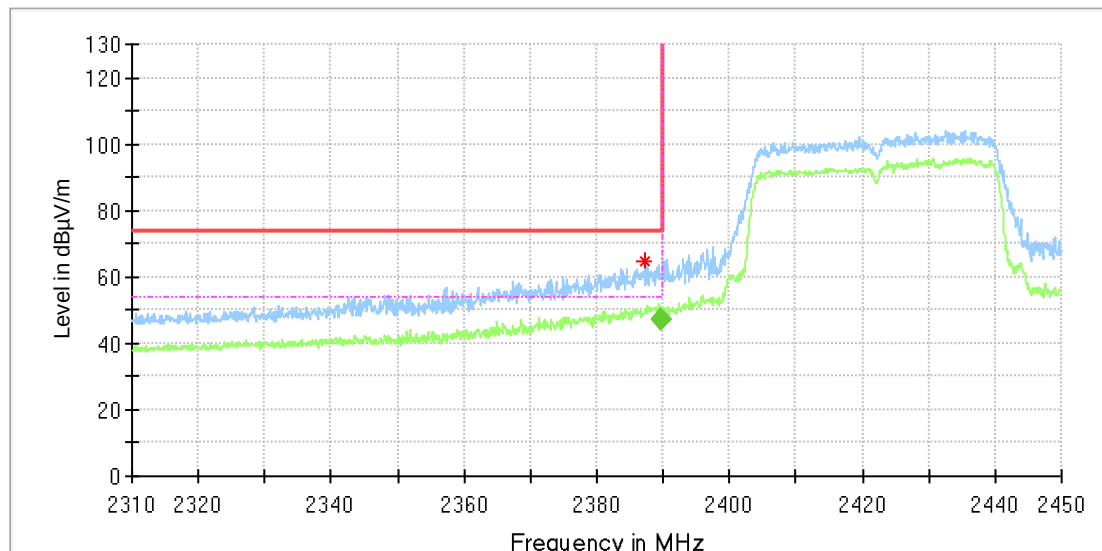
Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.992950	44.52	54.00	9.48	100.0	V	89.0	7.4

Wi-Fi 802.11 n(HT40) mode, MCS0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

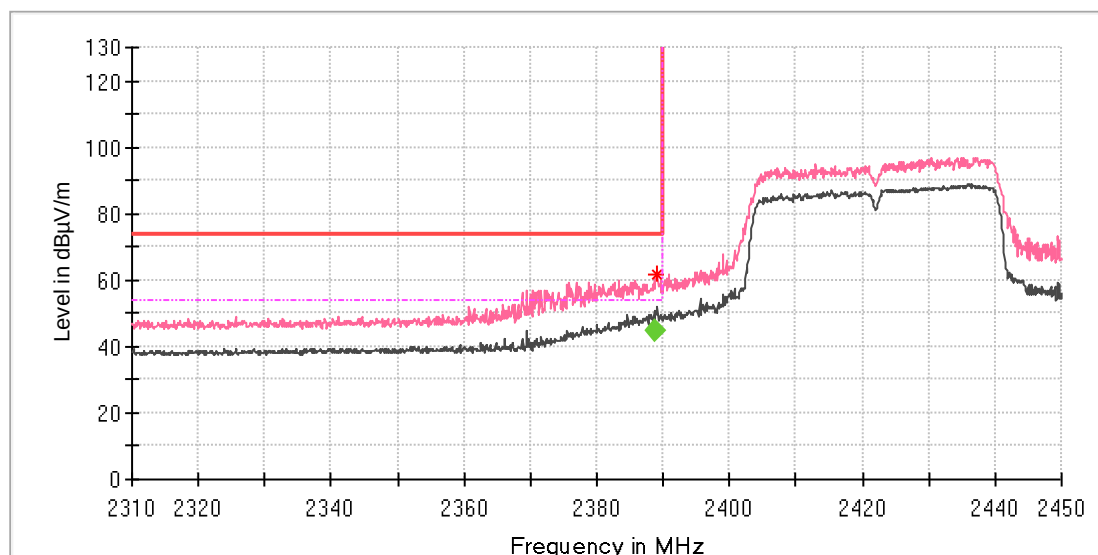
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.200000	64.64	---	74.00	9.36	100.0	H	127.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.582950	47.25	54.00	6.75	100.0	H	294.0	7.0

EUT Information

EUT Name:	Robotic Vacuum Cleaner
Model:	S80ULT
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168397761/A003371436-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

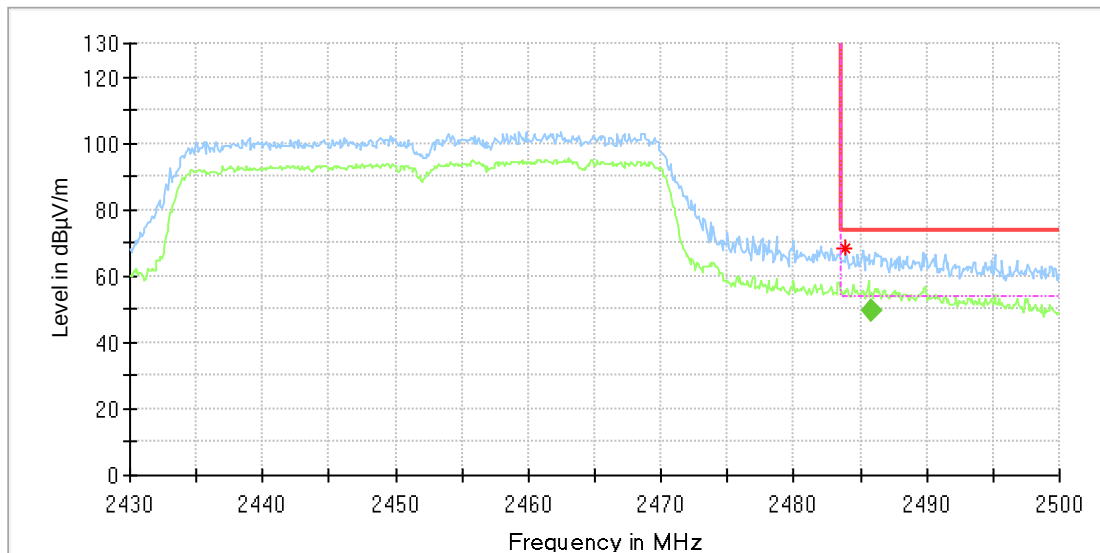
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.200000	61.43	---	74.00	12.57	100.0	V	41.0	7.0

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.751950	44.69	54.00	9.31	100.0	V	39.0	7.0

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

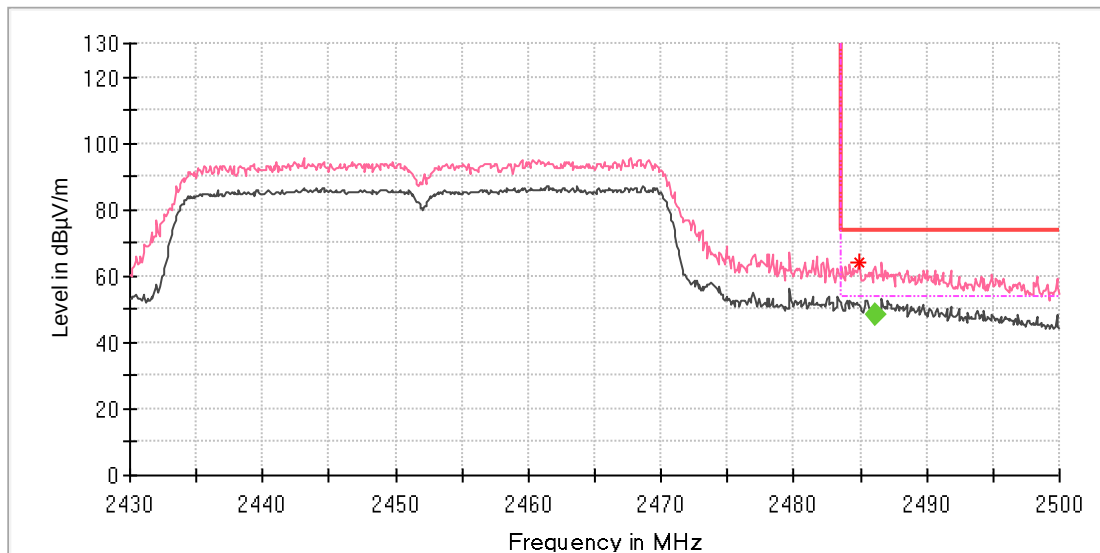
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.900000	68.10	---	74.00	5.90	100.0	H	297.0	7.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.815550	48.97	54.00	5.03	100.0	H	128.0	7.4

EUT Information

EUT Name: Robotic Vacuum Cleaner
Model: S80ULT
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168397761/A003371436-002
Test Voltage: Battery
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
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)
2484.900000	64.32	---	74.00	9.68	100.0	V	90.0	7.4

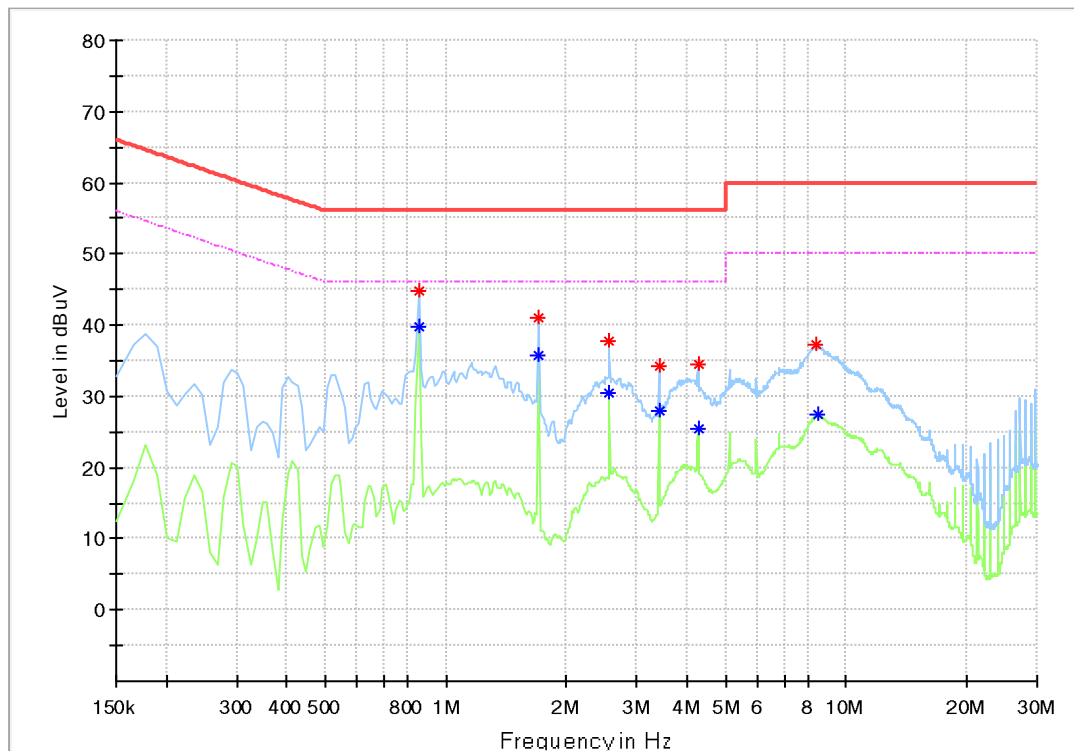
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.137450	48.12	54.00	5.88	100.0	V	89.0	7.4

Appendix B.7: Test Results of Conducted Emission

Common Information

Test Description: Robotic Vacuum Cleaner
Test Site: SR ANYU
Test Standard: FCC Part 15
Test Mode: Charging + WiFi Link
Operator Name: ESR 3
Comment:

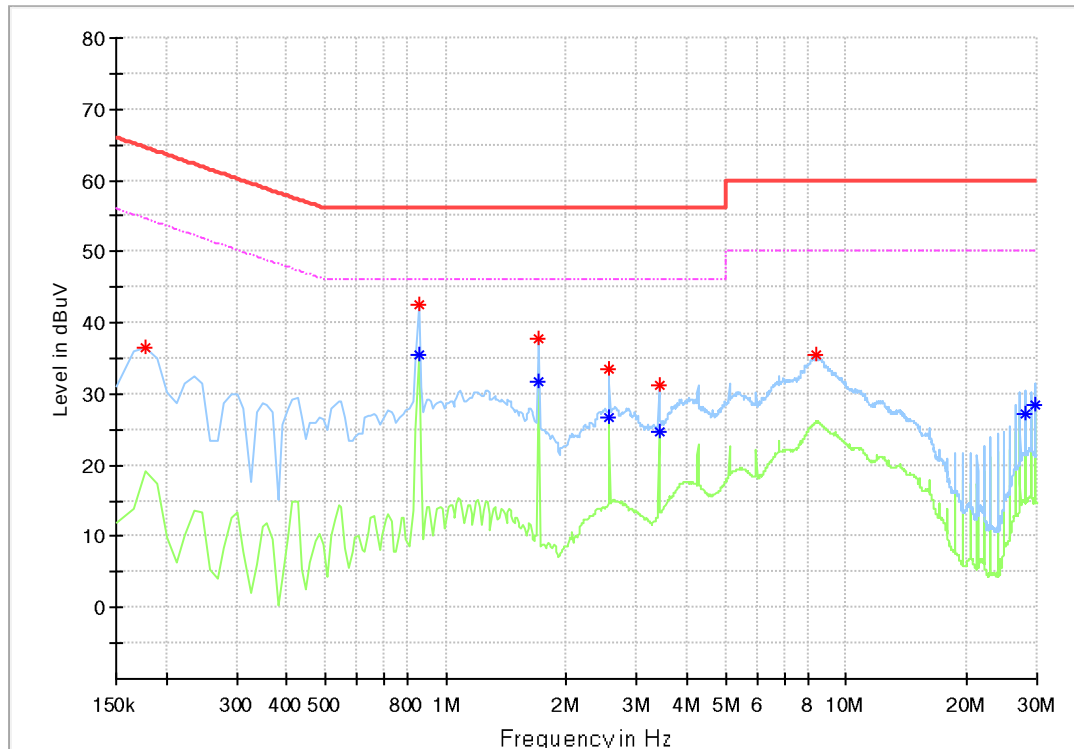


Critical Freqs

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line
0.853125	44.74	---	56.00	11.26	L1
0.853125	---	39.66	46.00	6.34	L1
1.708125	41.07	---	56.00	14.93	L1
1.708125	---	35.69	46.00	10.31	L1
2.551875	37.75	---	56.00	18.25	L1
2.551875	---	30.53	46.00	15.47	L1
3.406875	---	27.87	46.00	18.13	L1
3.406875	34.28	---	56.00	21.72	L1
4.261875	---	25.56	46.00	20.44	L1
4.261875	34.42	---	56.00	21.58	L1
8.379375	37.18	---	60.00	22.82	L1
8.514375	---	27.41	50.00	22.59	L1

Common Information

Test Description: Robotic Vacuum Cleaner
Test Site: SR ANYU
Test Standard: FCC Part 15
Test Mode: Charging + WiFi Link
Operator Name: ESR 3
Comment:



Critical Freqs

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line
0.178125	36.60	---	64.57	27.97	N
0.853125	42.56	---	56.00	13.44	N
0.853125	---	35.58	46.00	10.42	N
1.708125	37.72	---	56.00	18.28	N
1.708125	---	31.70	46.00	14.30	N
2.551875	---	26.67	46.00	19.33	N
2.551875	33.39	---	56.00	22.61	N
3.406875	---	24.59	46.00	21.41	N
3.406875	31.22	---	56.00	24.78	N
8.390625	35.39	---	60.00	24.61	N
28.100625	---	27.09	50.00	22.91	N
29.799375	---	28.51	50.00	21.49	N