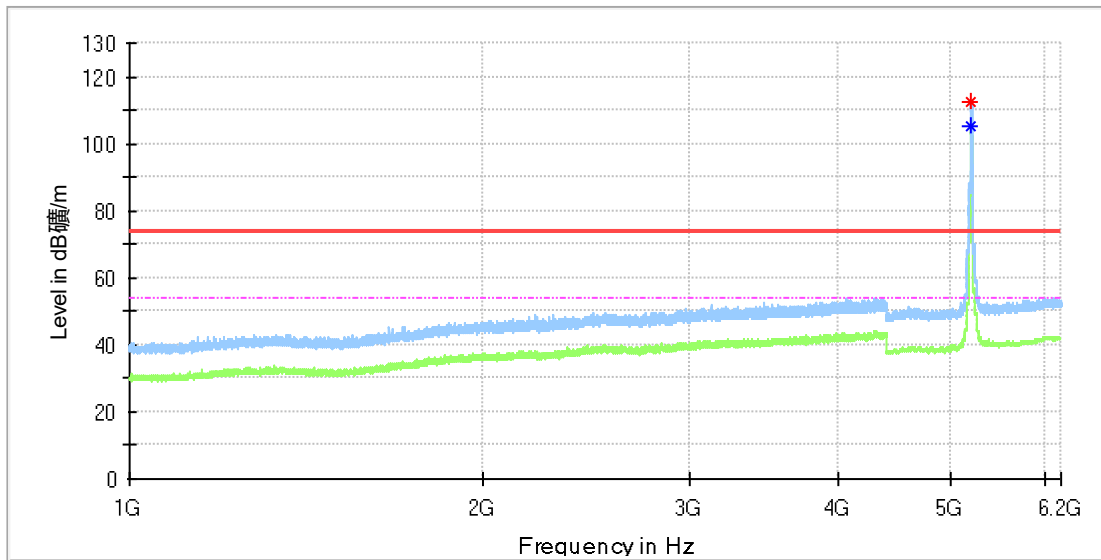


EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11a_CH 40
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

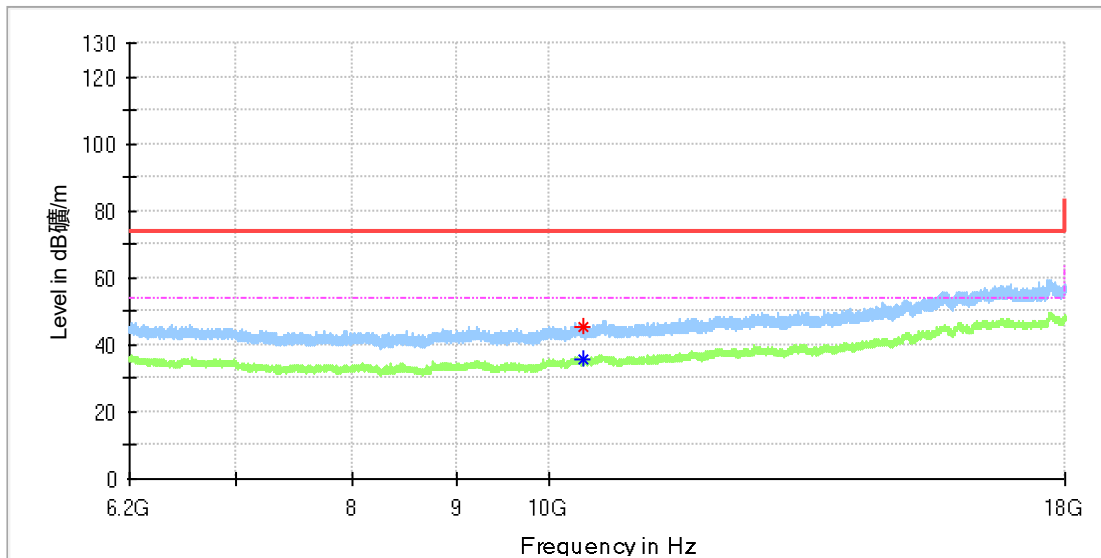
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5198.500000	112.74	---	/	/	100.0	H	297.0	12.6
5201.000000	---	104.94	/	/	100.0	H	303.0	12.7

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11a_CH 40
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

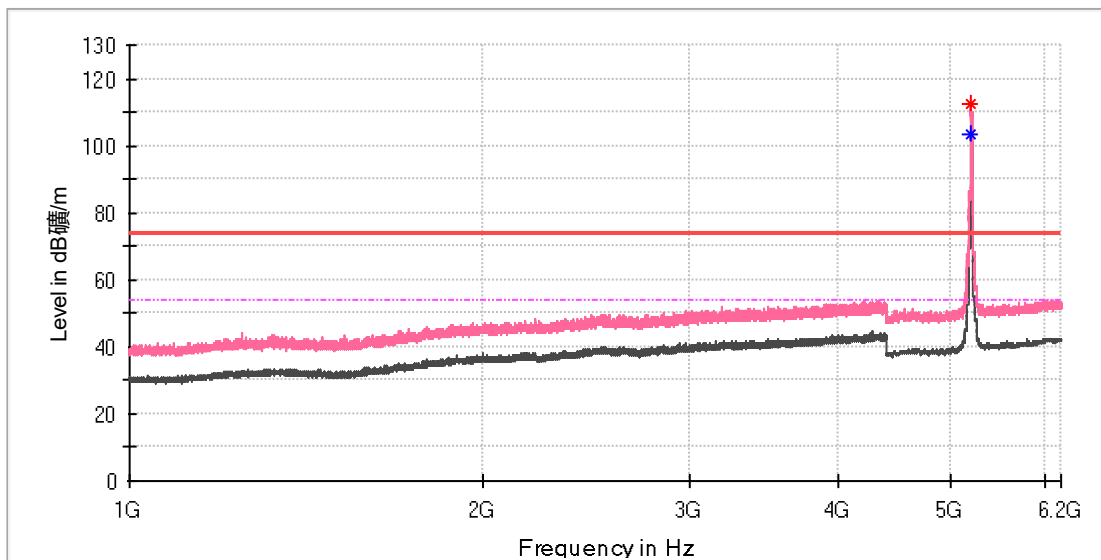
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10402.275000	---	35.87	54.00	18.13	100.0	H	110.0	11.9
10402.766667	45.10	---	68.2	13.10	100.0	H	3.0	11.9

Final_Result

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

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11a_CH 40
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

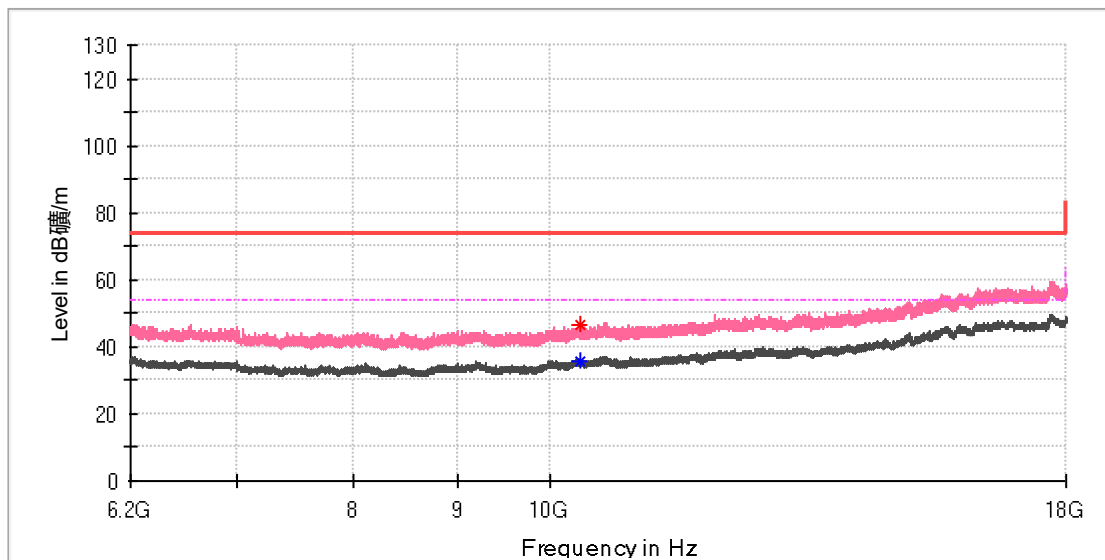
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5199.000000	---	103.61	/	/	100.0	V	48.0	12.6
5200.500000	112.27	---	/	/	100.0	V	48.0	12.6

Final_Result

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

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11a_CH 40
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

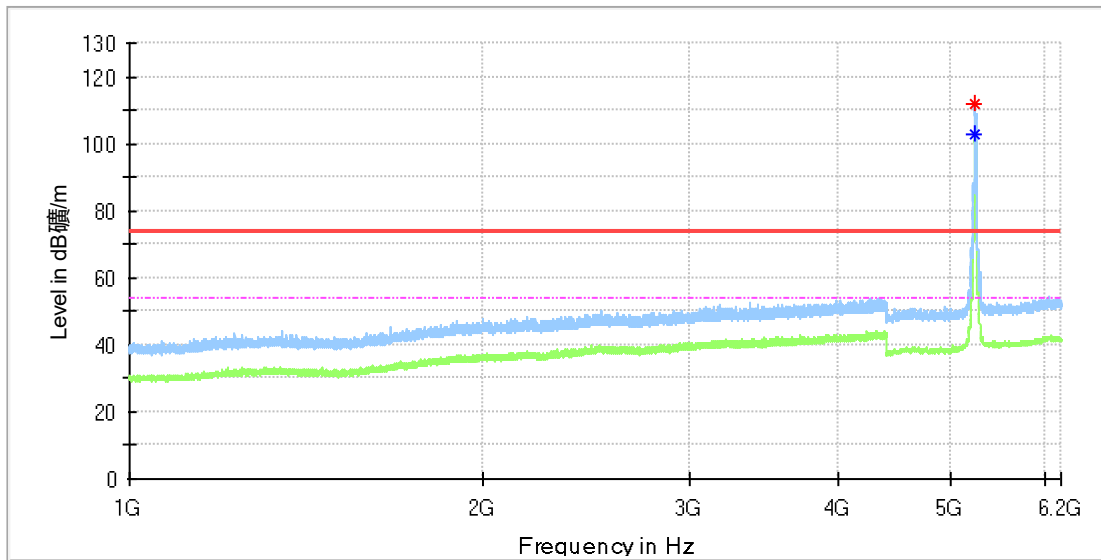
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10358.025000	---	35.64	54.00	18.36	100.0	V	235.0	11.8
10359.500000	46.57	---	68.20	21.63	100.0	V	111.0	11.8

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11a_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:49%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

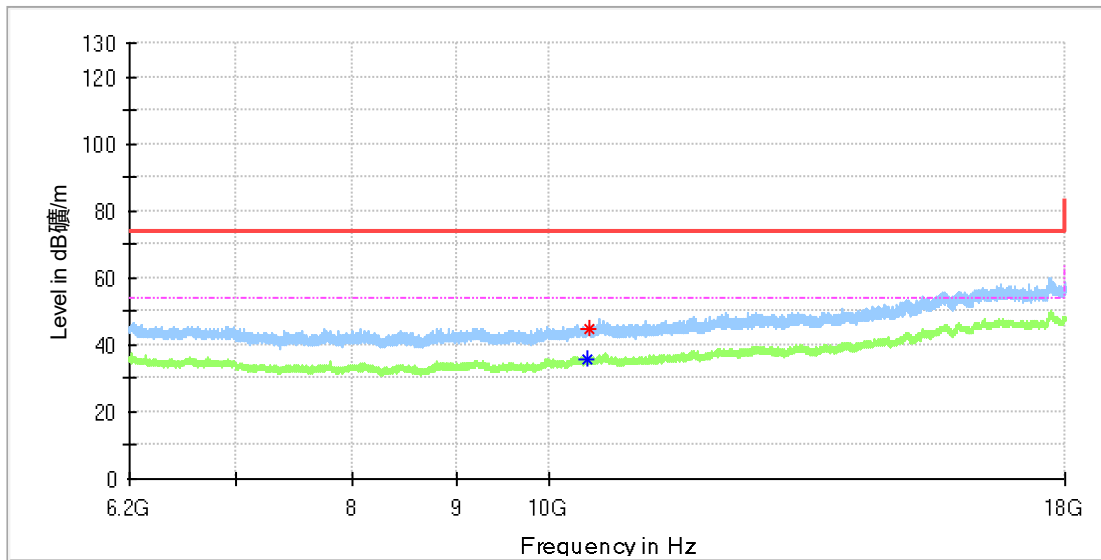
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5241.000000	---	103.07	/	/	100.0	H	238.0	12.8
5241.500000	111.80	---	/	/	100.0	H	238.0	12.8

Final_Result

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

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11a_CH 48
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

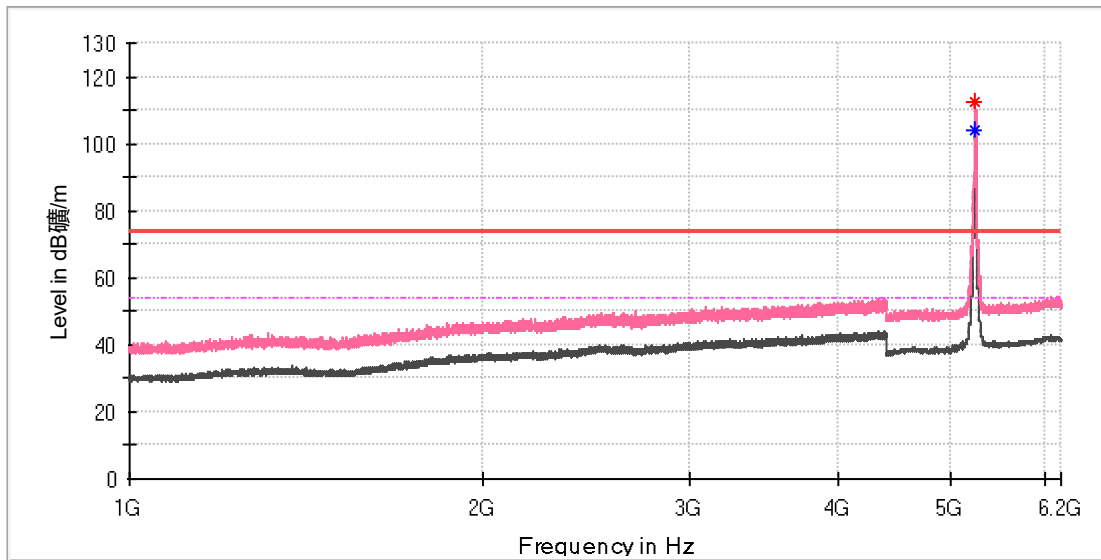
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10446.525000	---	35.91	54.00	18.09	100.0	H	315.0	11.9
10456.850000	45.01	---	68.20	23.19	100.0	H	301.0	12.0

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11a_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:49%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

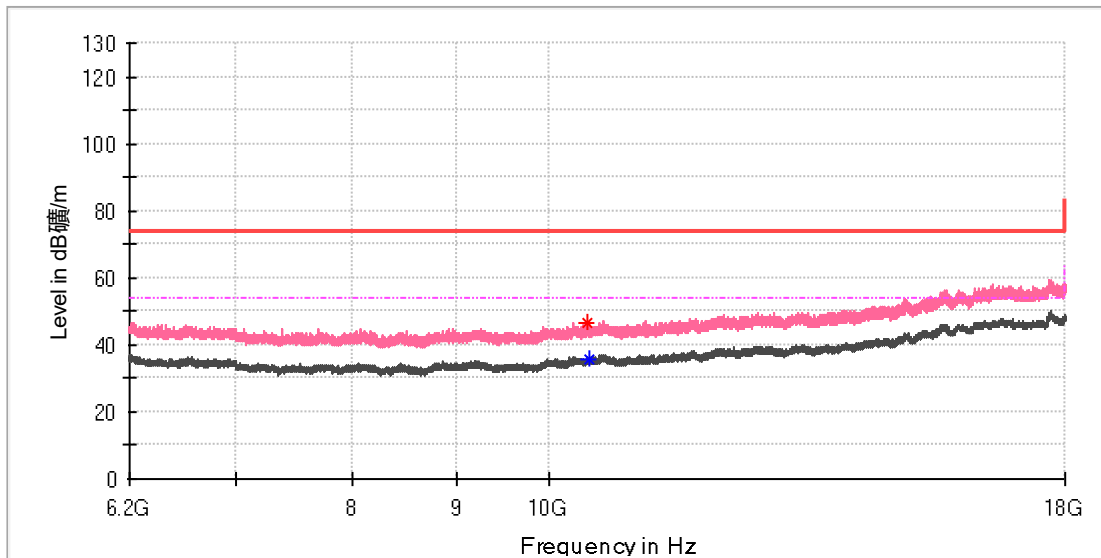
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5239.000000	---	103.92	/	/	100.0	V	237.0	12.8
5239.000000	112.48	---	/	/	100.0	V	237.0	12.8

Final_Result

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

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11a_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
10442.591667	46.76	---	68.20	21.44	100.0	V	0.0	11.9
10470.125000	---	35.81	54.00	18.19	100.0	V	167.0	12.0

Final_Result

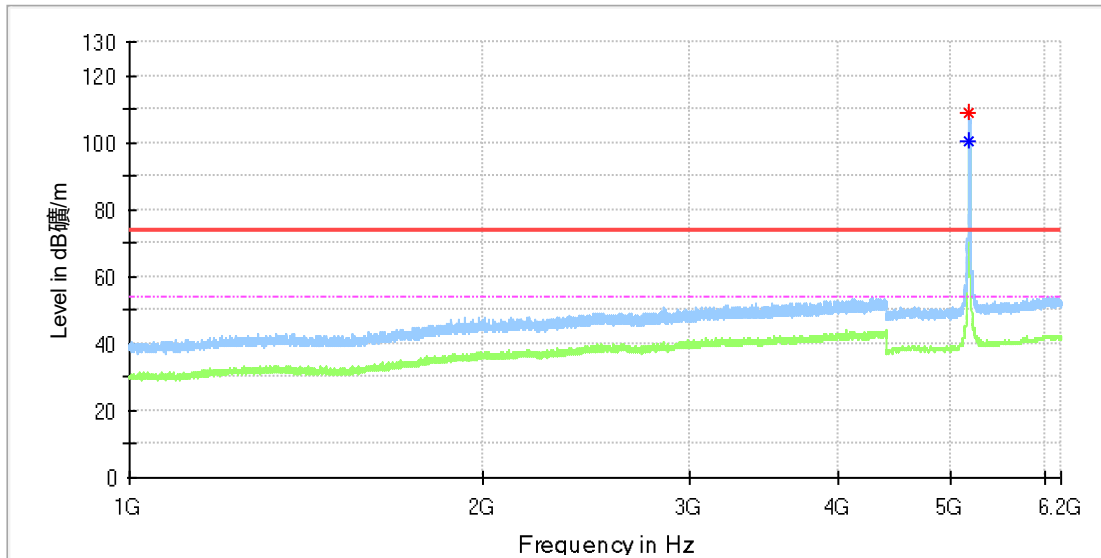
Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Produkte
 Products

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 36
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical Freqs

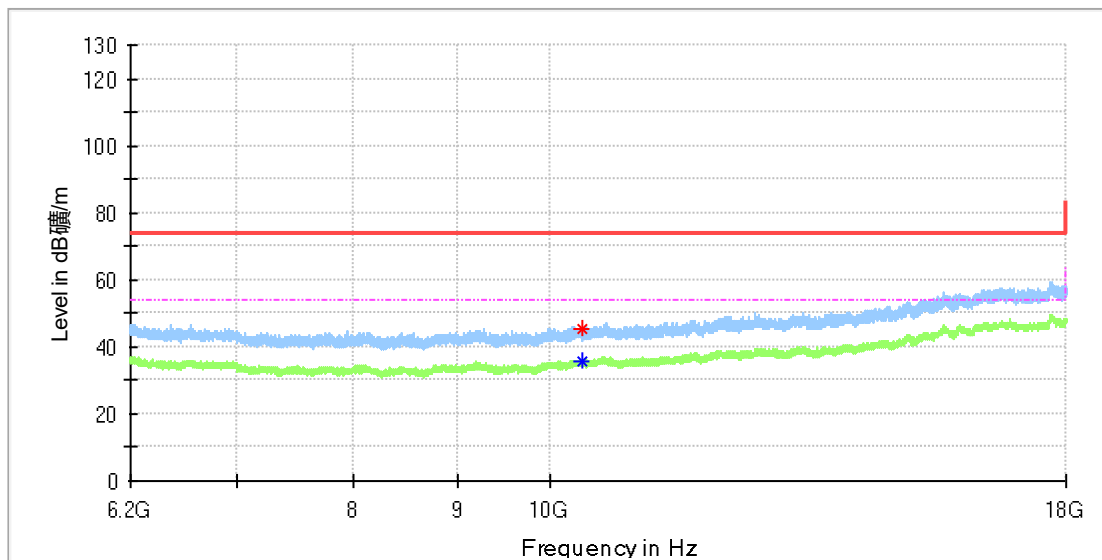
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5178.500000	---	100.25	/	/	100.0	H	296.0	12.6
5181.000000	108.76	---	/	/	100.0	H	296.0	12.6

Final Result

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

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n20_CH 36
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

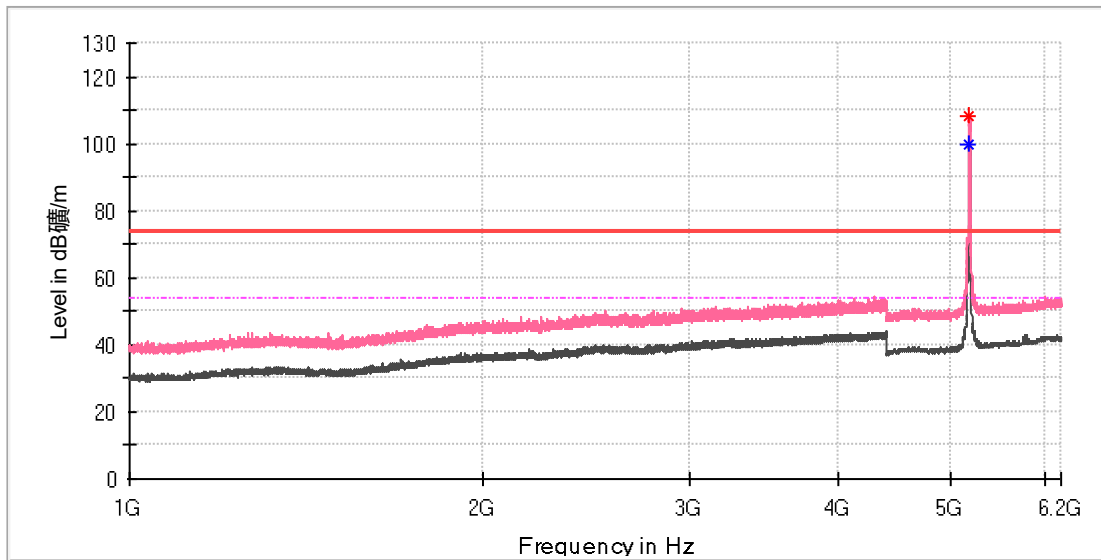
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10363.925000	---	35.57	54.00	18.43	100.0	H	129.0	11.8
10368.350000	45.57	---	68.20	22.63	100.0	H	33.0	11.8

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 36
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
5178.500000	---	99.98	/	/	100.0	V	47.0	12.6
5181.000000	108.50	---	/	/	100.0	V	47.0	12.6

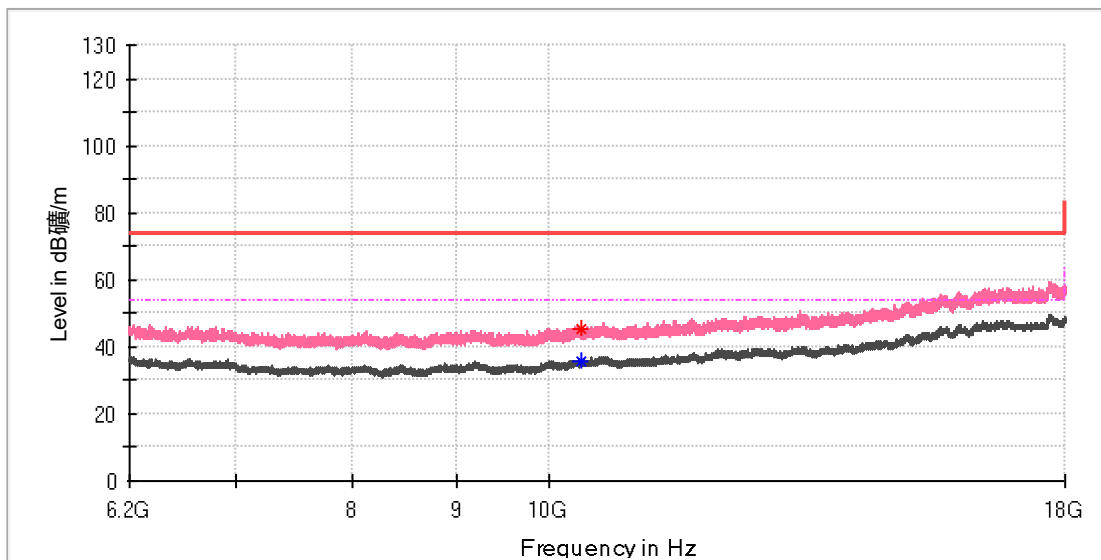
Final_Result

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

Produkte
 Products

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 36
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

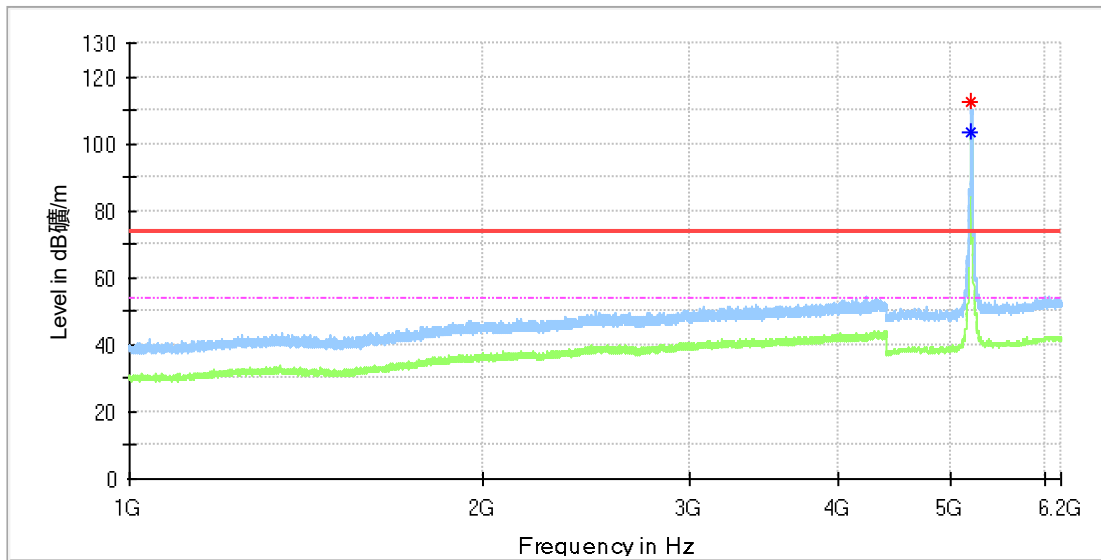
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10365.891667	---	35.75	54.00	18.25	100.0	V	210.0	11.8
10366.383333	45.06	---	68.20	23.14	100.0	V	124.0	11.8

Final_Result

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

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 40
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

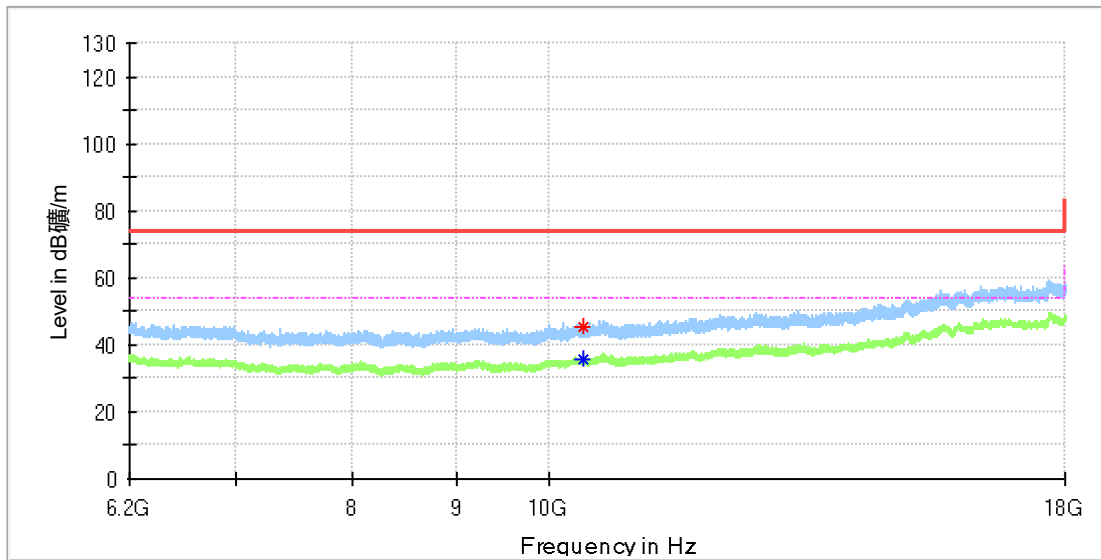
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5201.000000	---	103.70	/	/	100.0	H	301.0	12.7
5201.500000	112.32	---	/	/	100.0	H	301.0	12.7

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 40
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

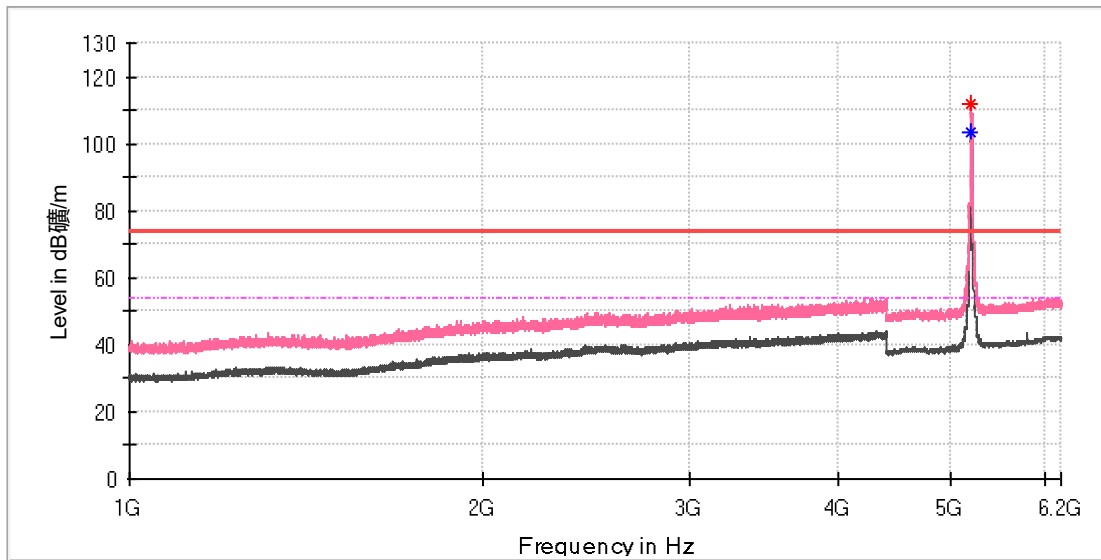
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10401.291667	45.09	---	68.20	23.11	100.0	H	275.0	11.9
10401.783333	---	35.52	54.00	18.48	100.0	H	194.0	11.9

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 40
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
5199.000000	---	103.16	/	/	100.0	V	49.0	12.6
5200.500000	111.79	---	/	/	100.0	V	49.0	12.6

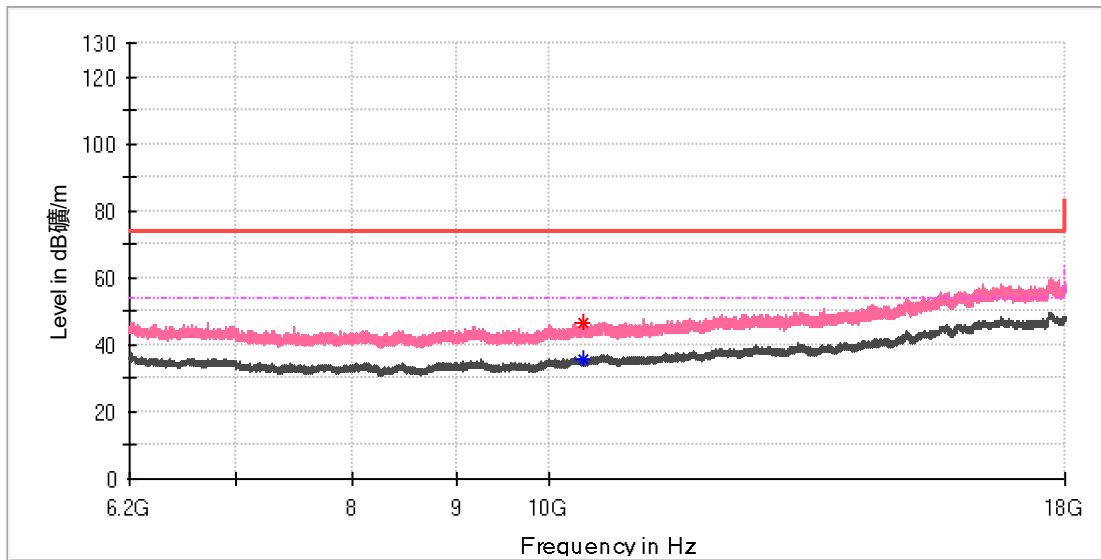
Final_Result

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

Produkte
 Products

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n20_CH 40
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

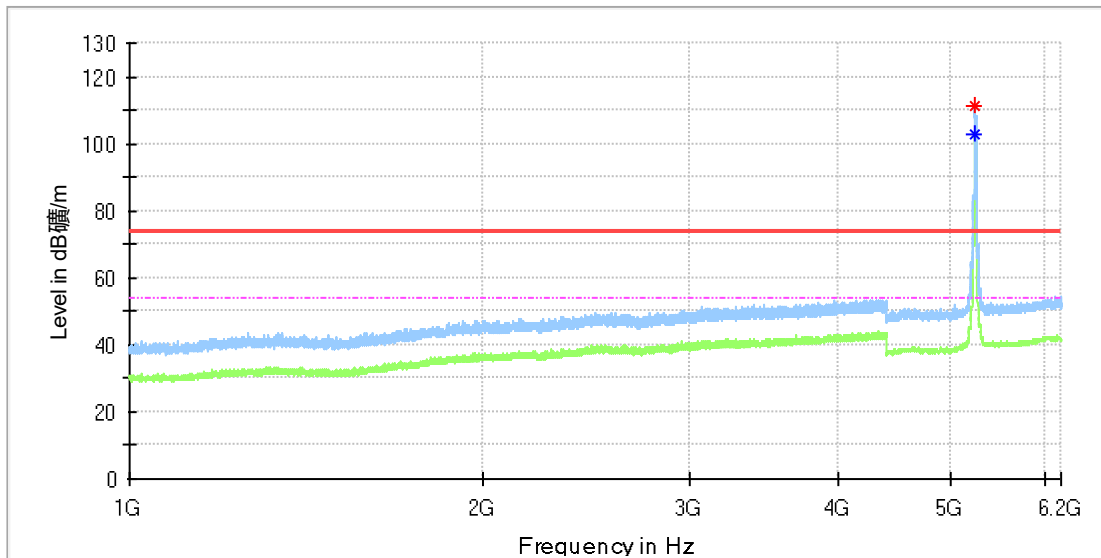
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10399.816667	46.52	---	68.20	21.68	100.0	V	180.0	11.9
10400.308333	---	35.43	54.00	18.57	100.0	V	194.0	11.9

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20M_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:49%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

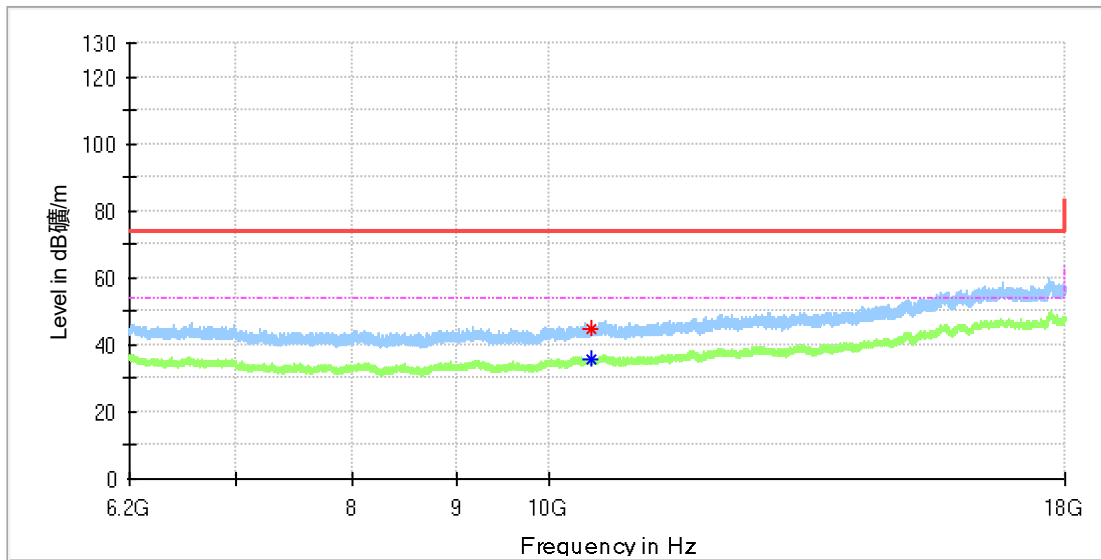
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5238.500000	111.20	---	/	/	100.0	H	240.0	12.8
5239.000000	---	102.74	/	/	100.0	H	240.0	12.8

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

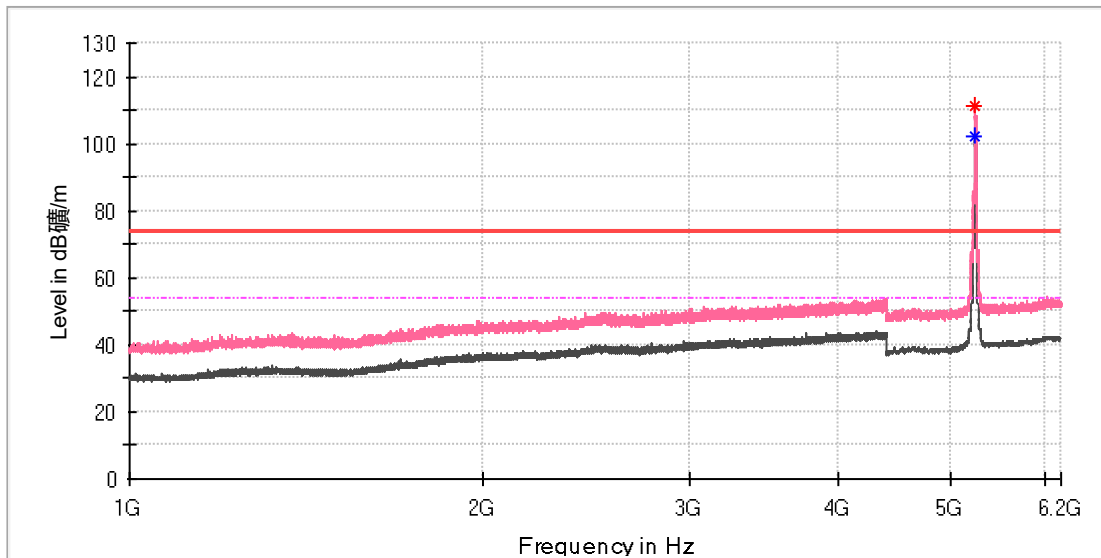
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10483.891667	44.90	---	68.20	23.30	100.0	H	67.0	12.0
10484.383333	---	35.63	54.00	18.37	100.0	H	108.0	12.0

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

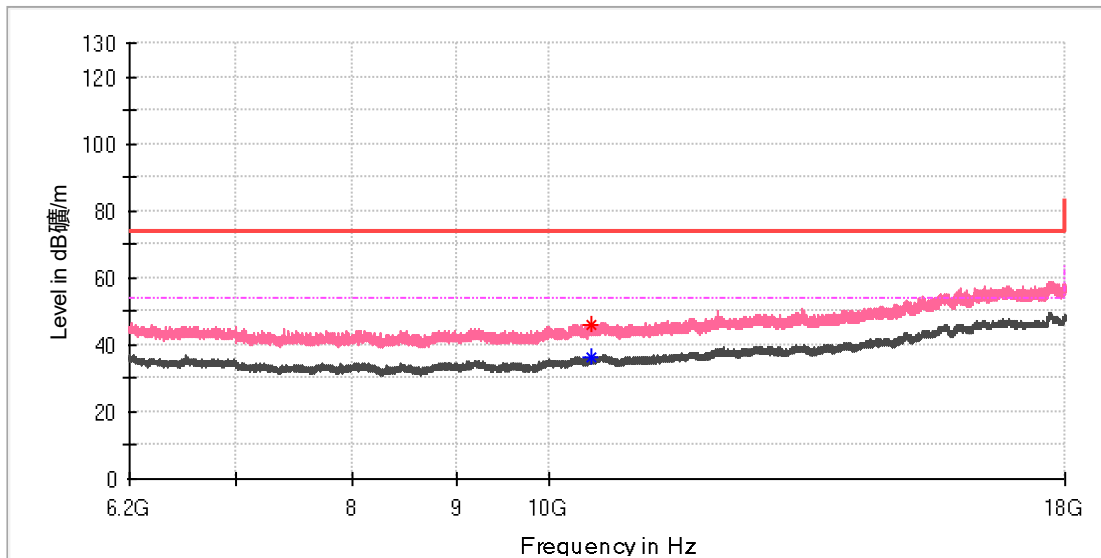
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5238.500000	111.32	---	/	/	100.0	V	48.0	12.8
5241.500000	---	102.12	/	/	100.0	V	57.0	12.8

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
10486.350000	46.22	---	68.20	21.98	100.0	V	220.0	12.0
10486.841667	---	36.20	54.00	17.80	100.0	V	316.0	12.0

Final_Result

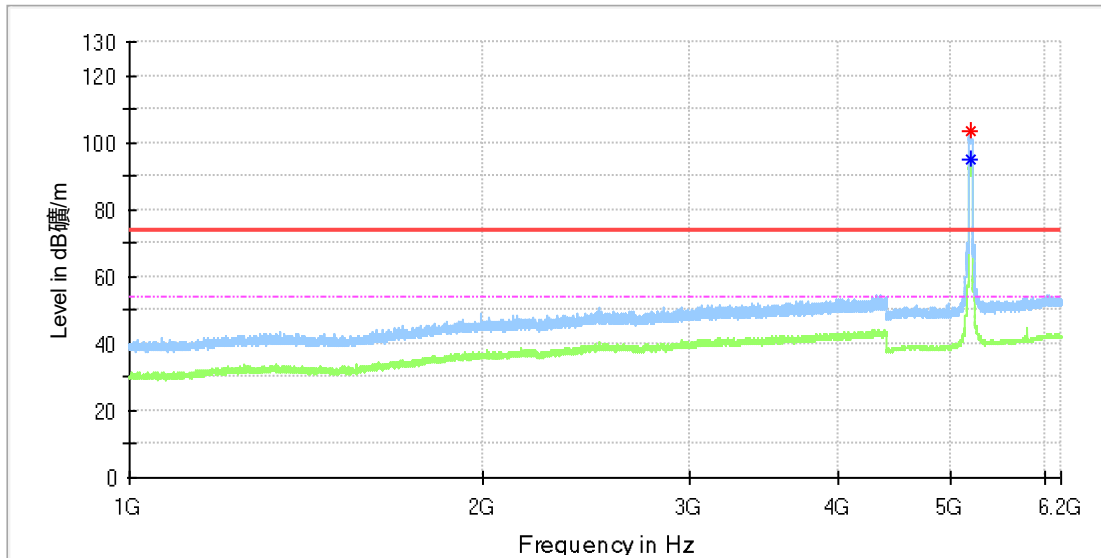
Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Produkte
 Products

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n40_CH 38
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical Freqs

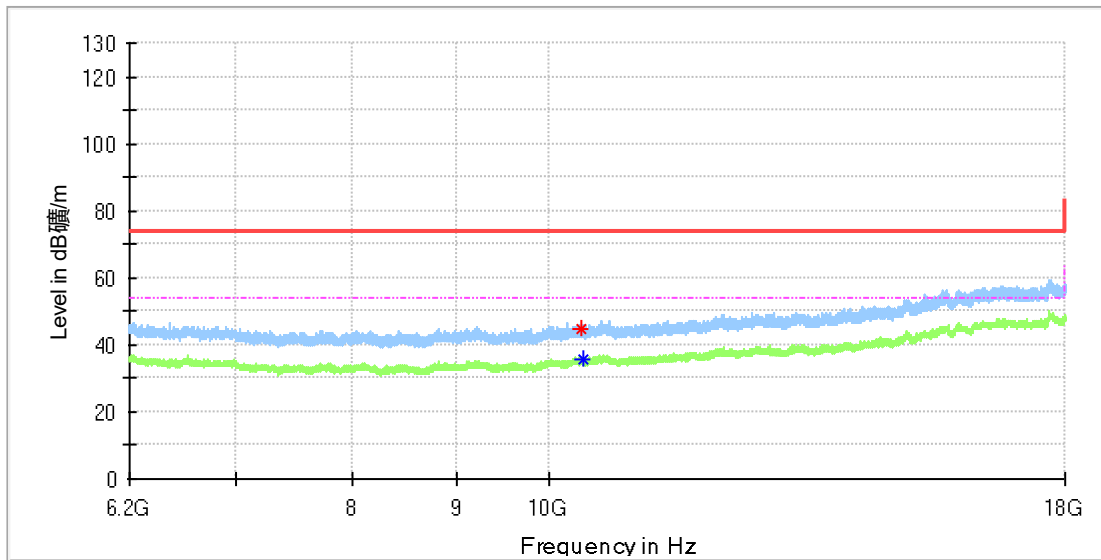
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5187.500000	103.55	---	/	/	100.0	H	303.0	12.6
5191.500000	---	94.92	/	/	100.0	H	303.0	12.6

Final Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n40_CH 38
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

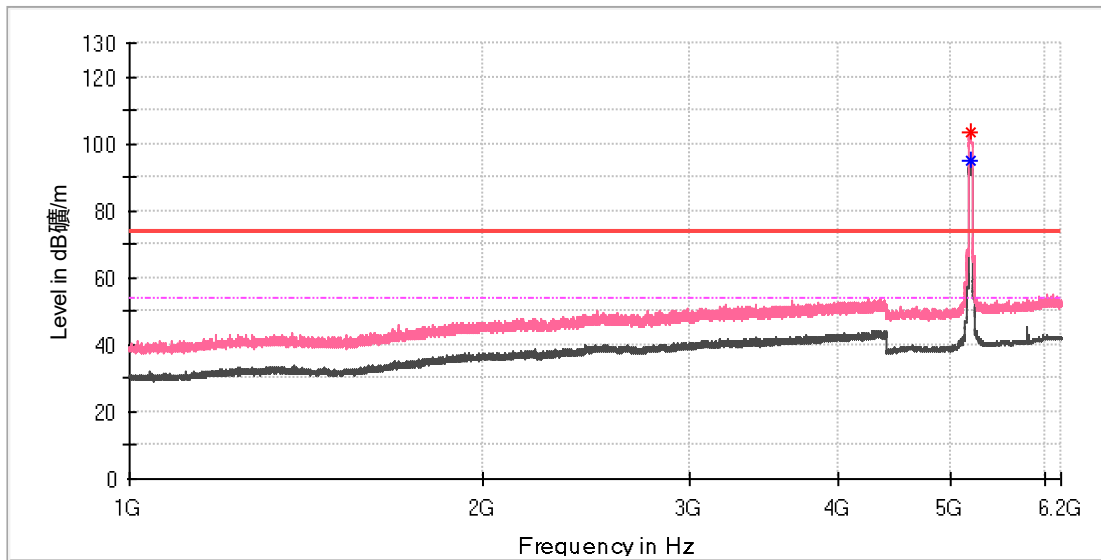
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10382.116667	44.47	---	68.20	23.73	100.0	H	206.0	11.9
10385.066667	---	35.90	54.00	18.10	100.0	H	177.0	11.9

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n40_CH 38
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

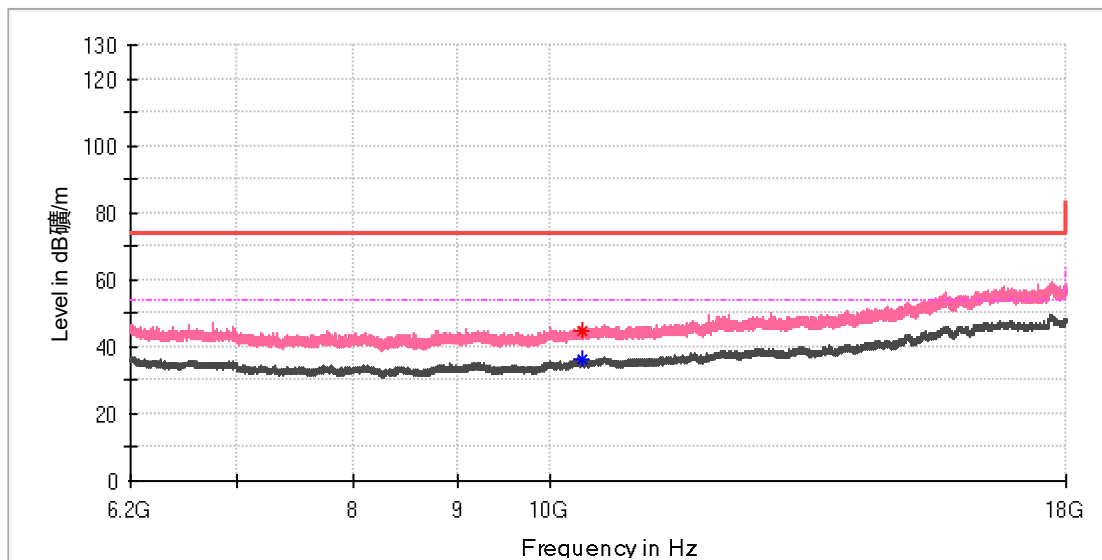
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5188.500000	---	94.86	/	/	100.0	V	53.0	12.6
5192.500000	103.64	---	/	/	100.0	V	53.0	12.6

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n40_CH 38
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

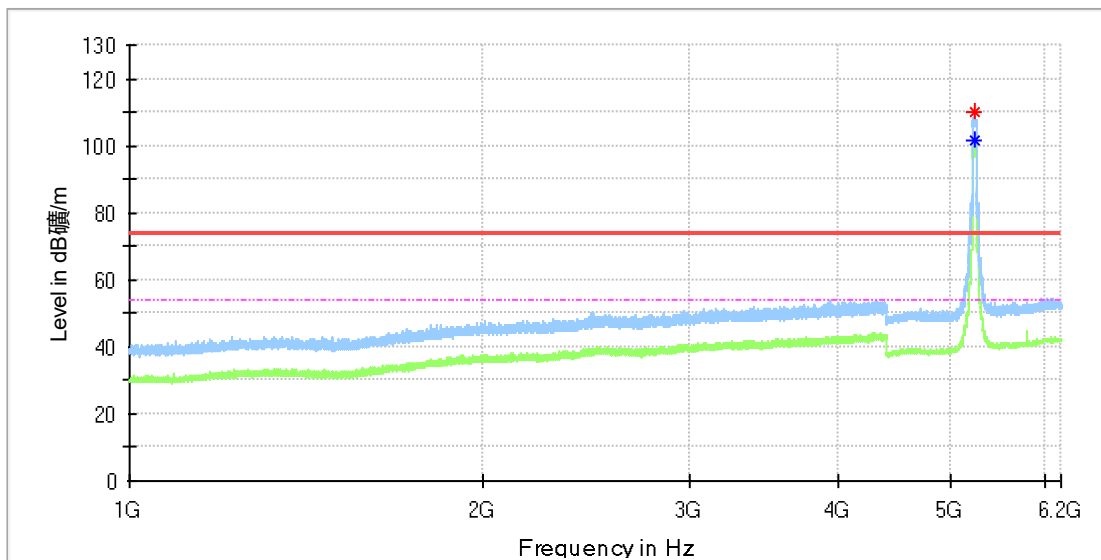
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10372.283333	---	36.23	54.00	17.77	100.0	V	17.0	11.8
10383.100000	45.00	---	68.20	23.20	100.0	V	115.0	11.9

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n40_CH 46
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
5231.500000	---	101.38	/	/	100.0	H	300.0	12.8
5232.000000	110.08	---	/	/	100.0	H	300.0	12.8

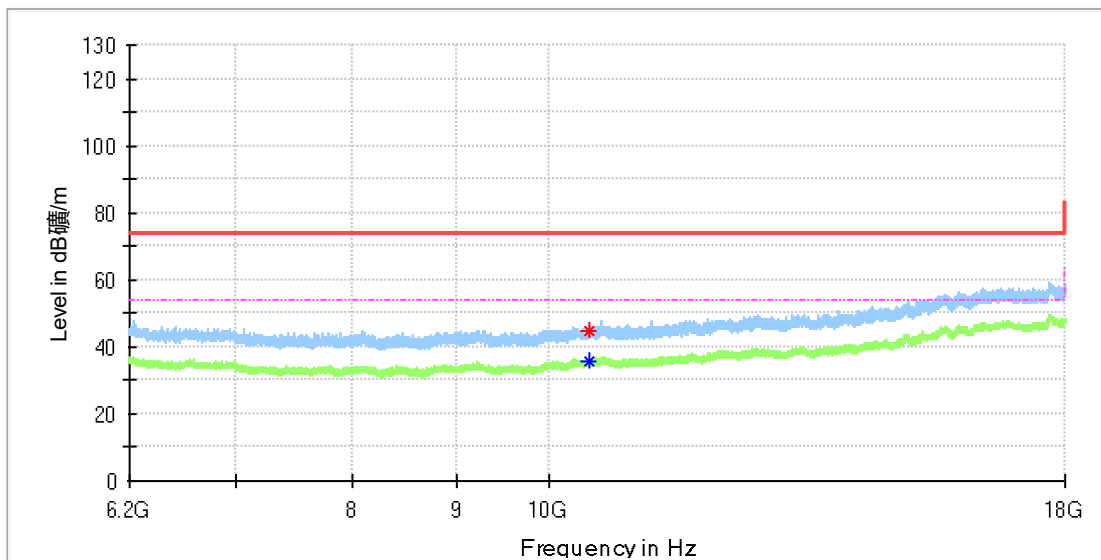
Final_Result

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

Produkte
 Products

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n40_CH 46
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

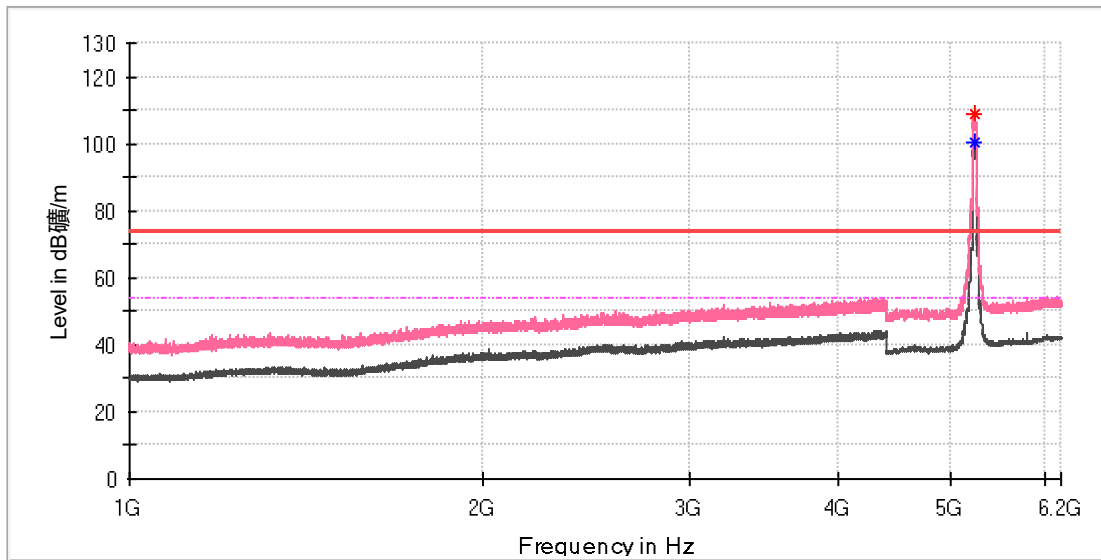
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10465.700000	---	35.87	54.00	18.13	100.0	H	69.0	12.0
10473.566667	45.00	---	68.20	23.20	100.0	H	168.0	12.0

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n40_CH 46
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
5232.500000	108.89	---	/	/	100.0	V	56.0	12.8
5233.000000	---	100.29	/	/	100.0	V	56.0	12.8

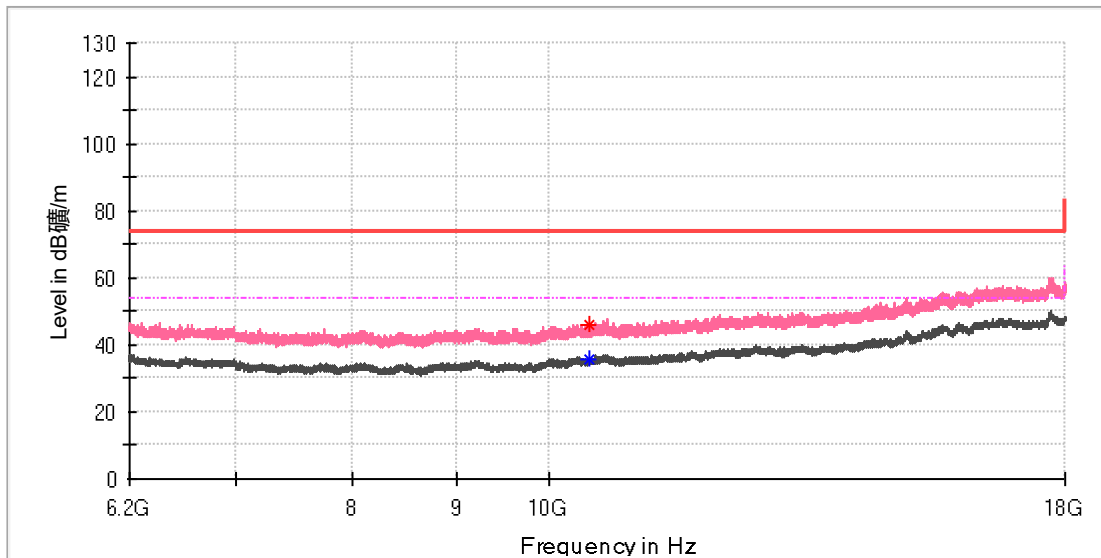
Final_Result

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

Produkte
 Products

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n40_CH 46
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
10464.716667	46.07	---	68.20	22.13	100.0	V	357.0	12.0
10465.208333	---	35.80	54.00	18.20	100.0	V	357.0	12.0

Final_Result

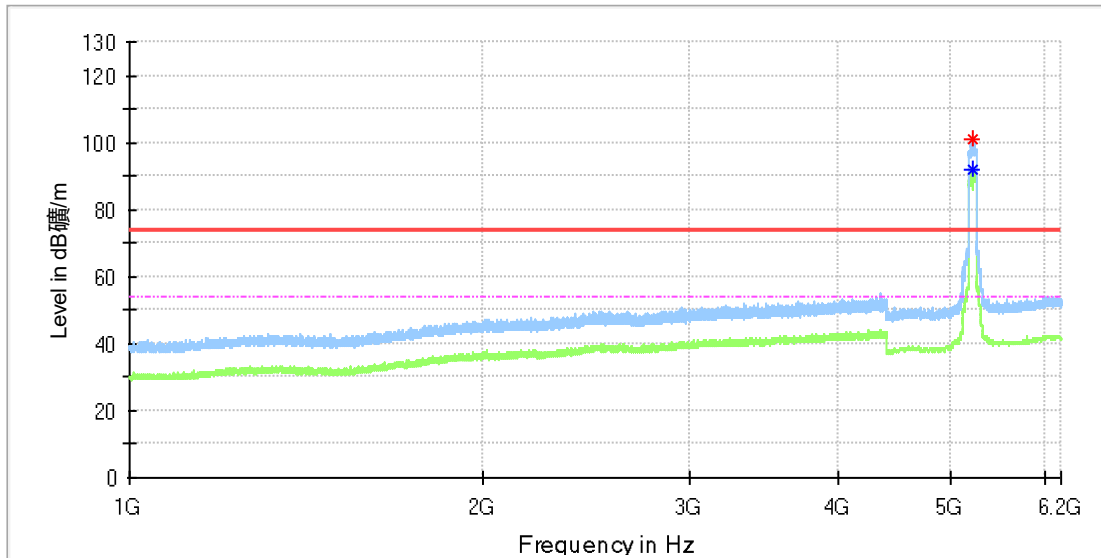
Frequency (MHz)	QuasiPeak (dBµV/m)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Produkte
 Products

Wi-Fi 802.11 ac(HT80) mode

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11ac80_CH 42
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical Freqs

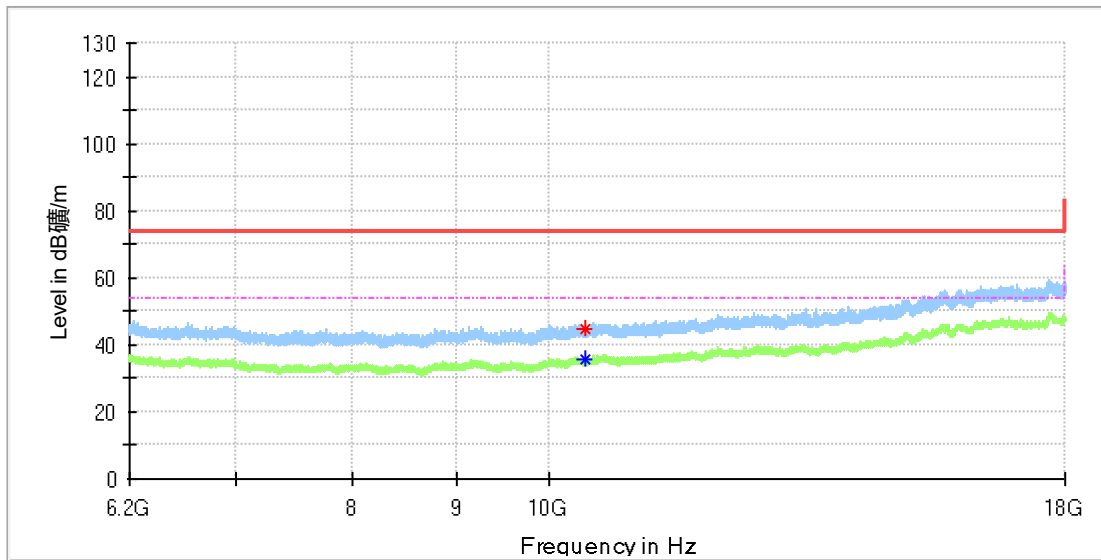
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5207.500000	---	92.07	/	/	100.0	H	63.0	12.7
5213.000000	101.08	---	/	/	100.0	H	63.0	12.7

Final Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11ac80_CH 42
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

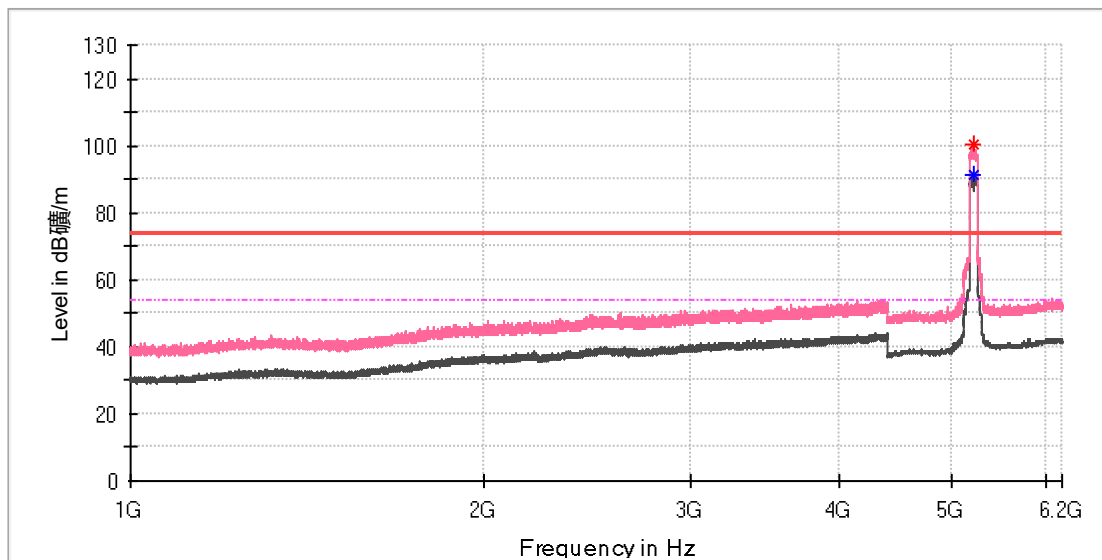
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10419.483333	---	35.63	54.00	18.37	100.0	H	343.0	11.9
10422.433333	44.66	---	68.20	23.54	100.0	H	289.0	11.9

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11ac80_CH 42
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

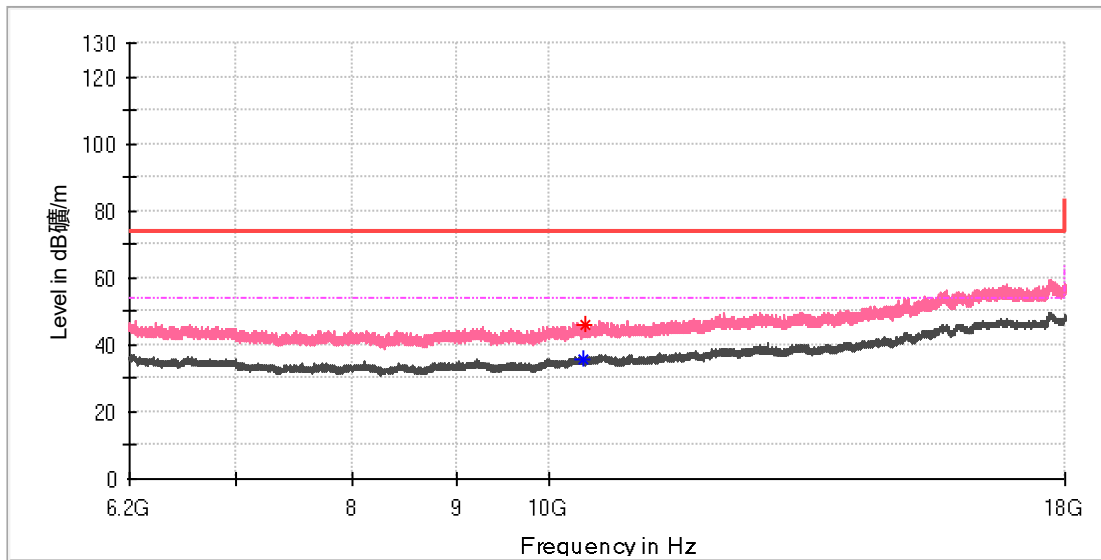
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5208.500000	---	91.34	/	/	100.0	V	60.0	12.7
5216.500000	100.25	---	/	/	100.0	V	60.0	12.7

Final_Result

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

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11ac80_CH 42
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 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)
10403.750000	---	35.64	54.00	18.36	100.0	V	111.0	11.9
10418.008333	45.83	---	68.20	22.37	100.0	V	0.0	11.9

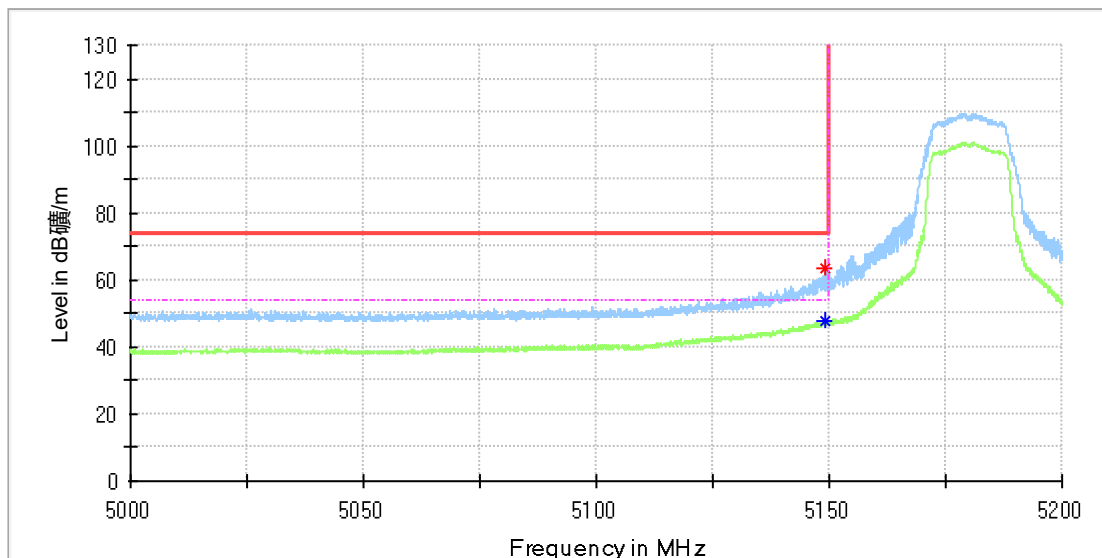
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	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 a mode

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11a_CH 36
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

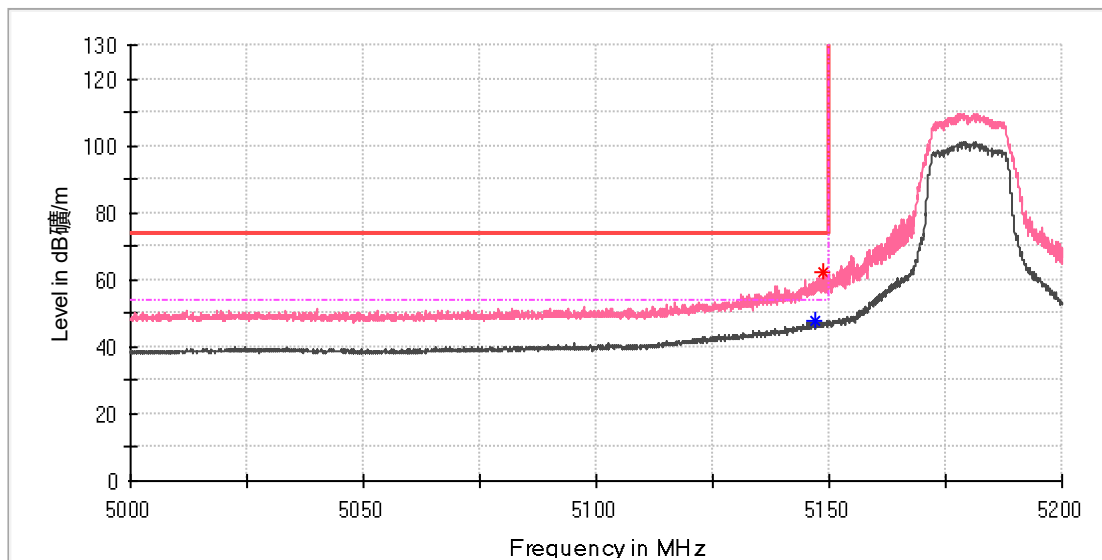


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.000000	---	47.85	54.00	6.15	100.0	H	66.0	12.4
5149.000000	63.41	---	74.00	10.59	100.0	H	66.0	12.4

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11a_CH 36
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

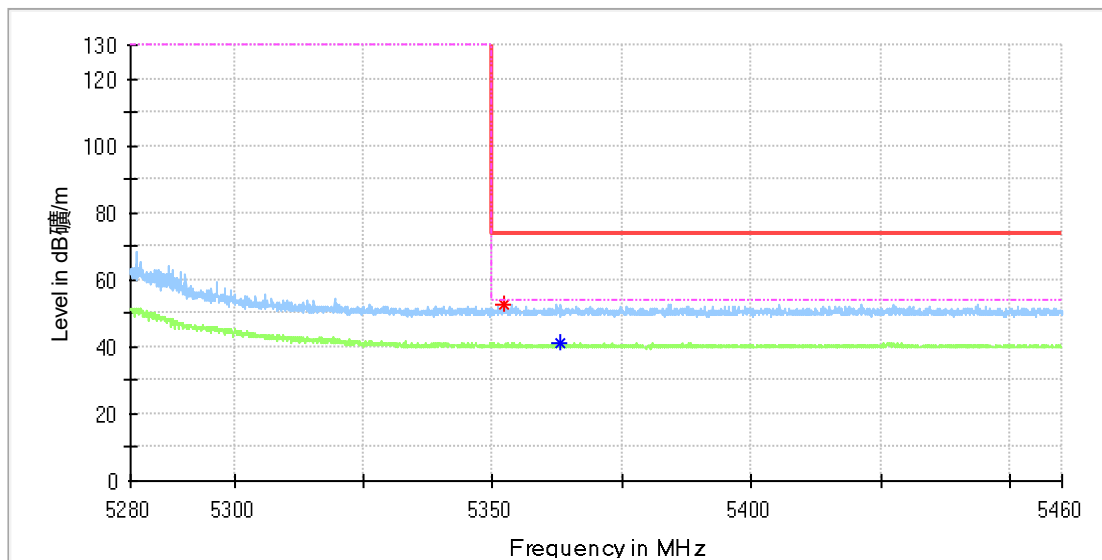


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.000000	---	47.51	54.00	6.49	100.0	V	46.0	12.4
5148.888889	62.07	---	74.00	11.93	100.0	V	46.0	12.4

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11a_CH 48
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



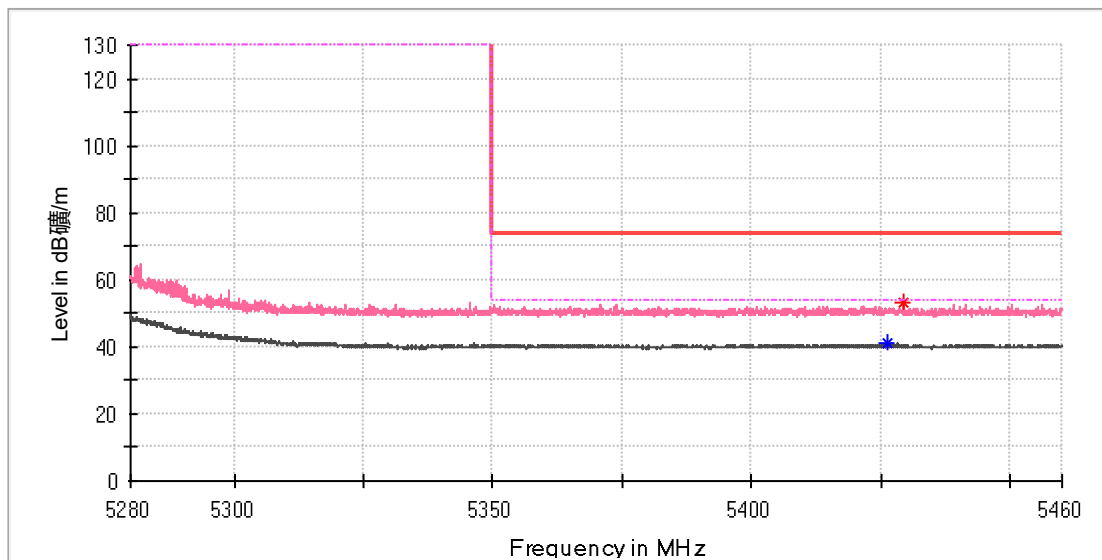
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.250000	52.90	---	74.00	21.10	100.0	H	278.0	13.3
5362.850000	---	41.08	54.00	12.92	100.0	H	226.0	13.3

Produkte
 Products

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11a_CH 48
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

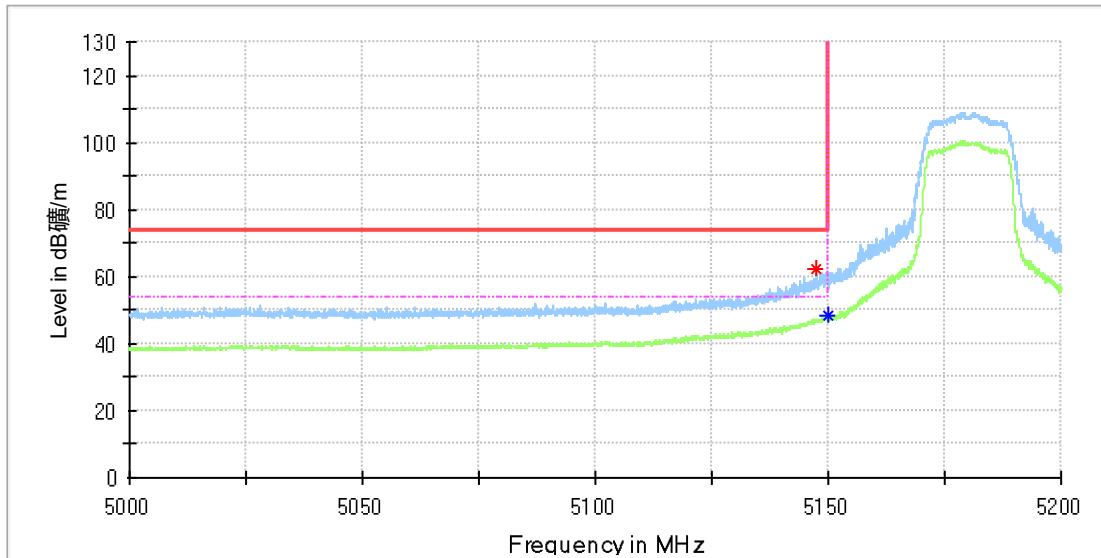
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5426.400000	---	41.21	54.00	12.79	100.0	V	11.0	13.5
5429.450000	52.99	---	74.00	21.01	100.0	V	59.0	13.5

Produkte
 Products

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n20_CH 36
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

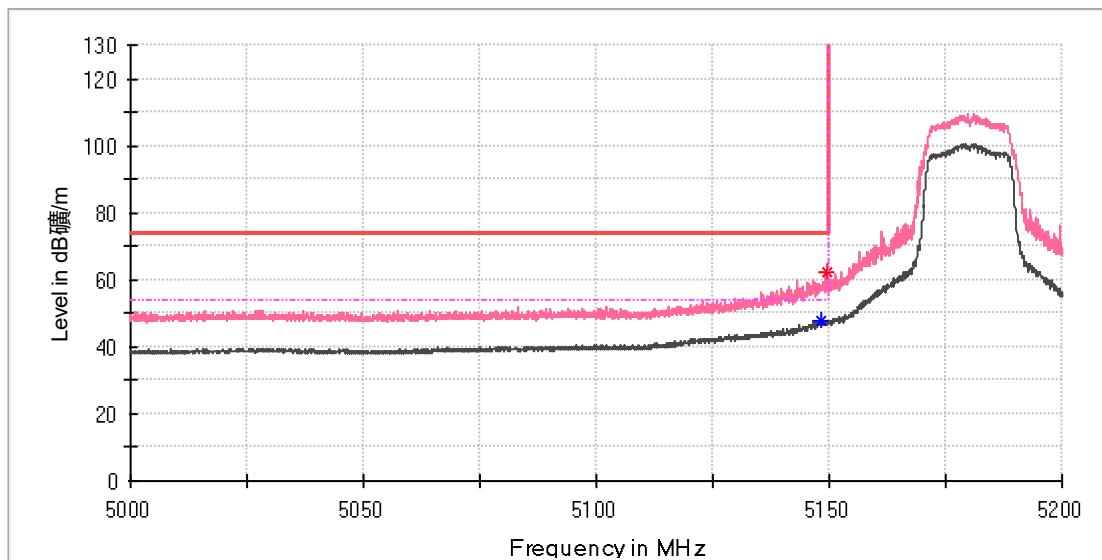


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.555556	62.31	---	74.00	11.69	100.0	H	48.0	12.4
5150.000000	---	48.47	54.00	5.53	100.0	H	296.0	12.4

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n20_CH 36
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

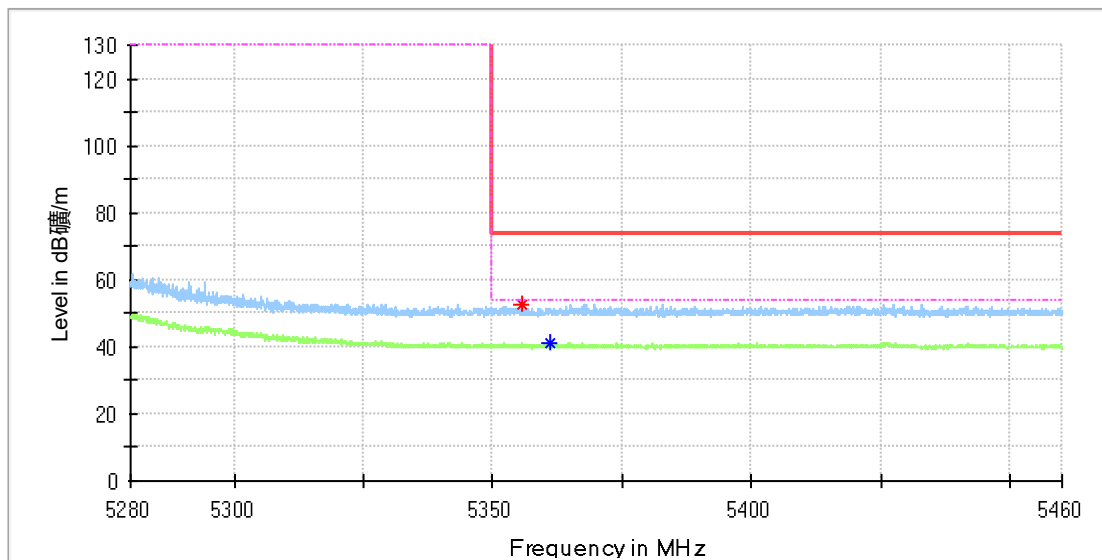


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.222222	---	47.62	54.00	6.38	100.0	V	52.0	12.4
5149.722222	62.50	---	74.00	11.50	100.0	V	62.0	12.4

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n20_CH 48
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

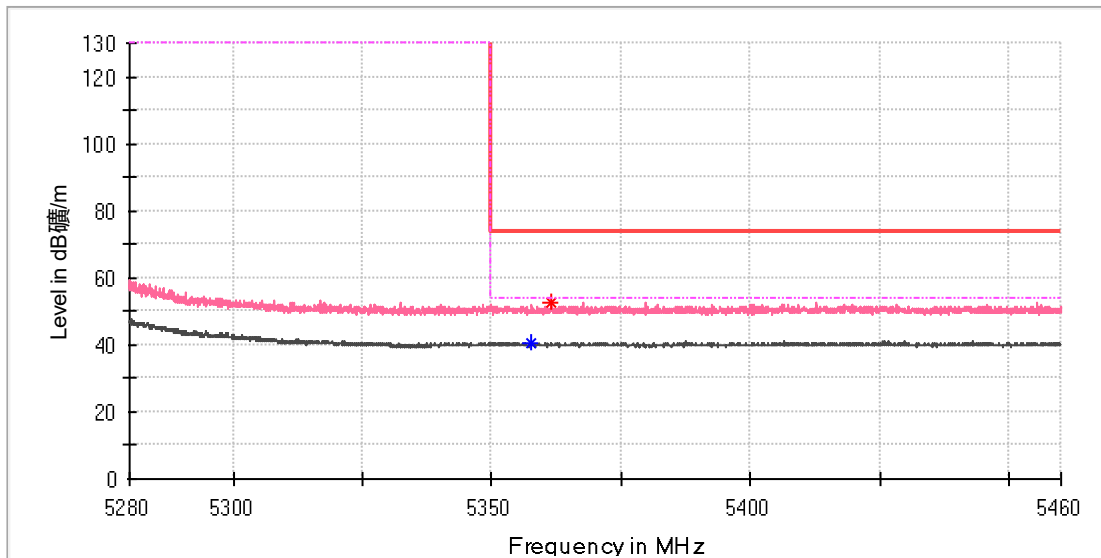


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5355.600000	52.81	---	74.00	21.19	100.0	H	299.0	13.3
5361.150000	---	40.99	54.00	13.01	100.0	H	308.0	13.3

EUT Information

EUT Name: Control Extender
 Model: EL-IO-200
 Test Mode: Wi-Fi 5G 11n20_CH 48
 Test Voltage:: 120V/60Hz
 Remark: Temp 23 Humi:48%
 Test Standard: FCC 15.407
 Tested By: Alano Qu
 Reviewed By: Terry Yin



Critical_Freqs

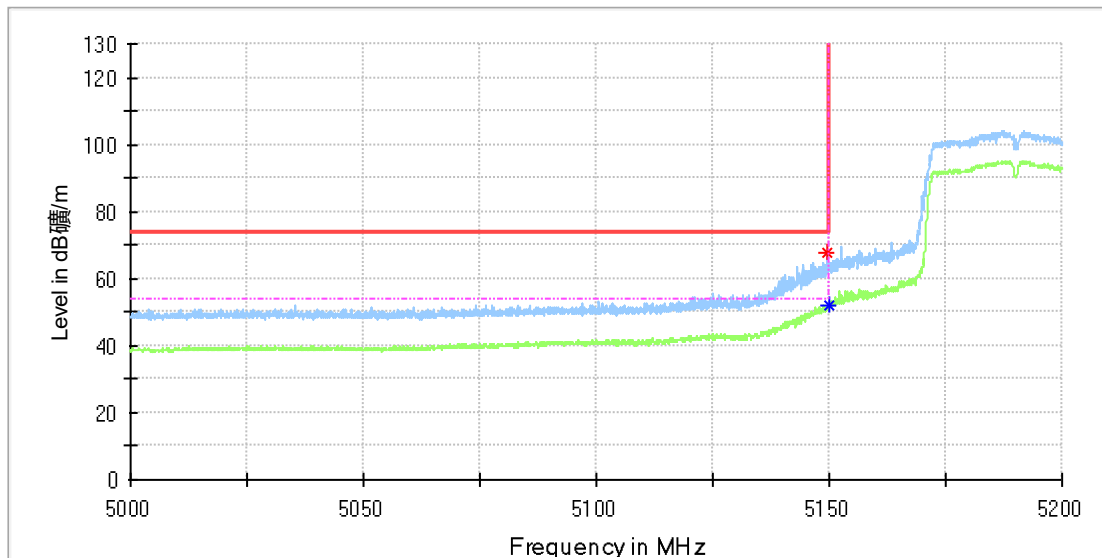
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5357.400000	---	40.52	54.00	13.48	100.0	V	292.0	13.3
5361.500000	52.81	---	74.00	21.19	100.0	V	72.0	13.3

Produkte
 Products

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n40_CH 38
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

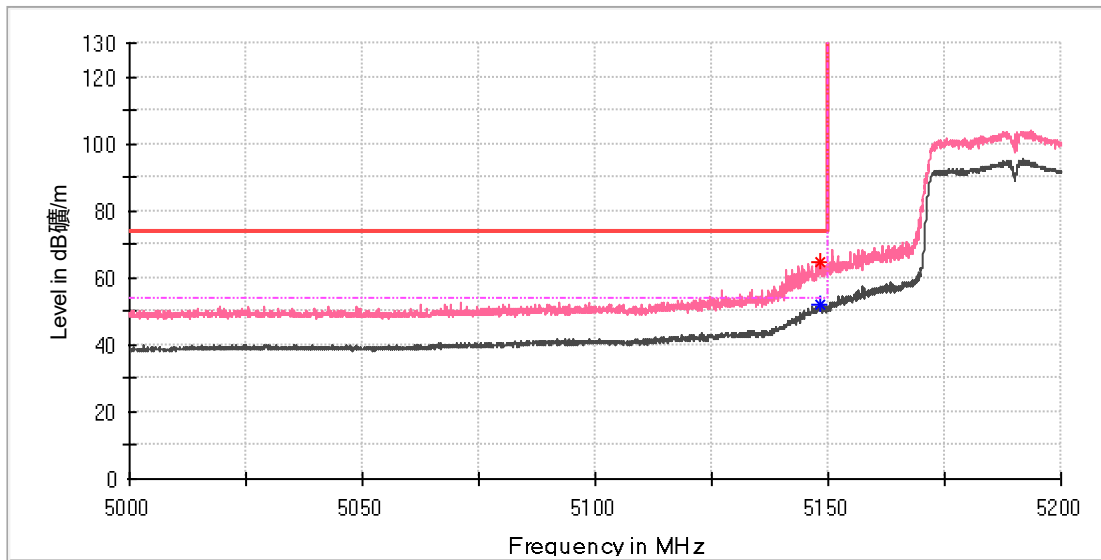


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.444445	67.61	---	74.00	6.39	100.0	H	81.0	12.4
5149.888889	---	52.21	54.00	1.79	100.0	H	64.0	12.4

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n40_CH 38
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

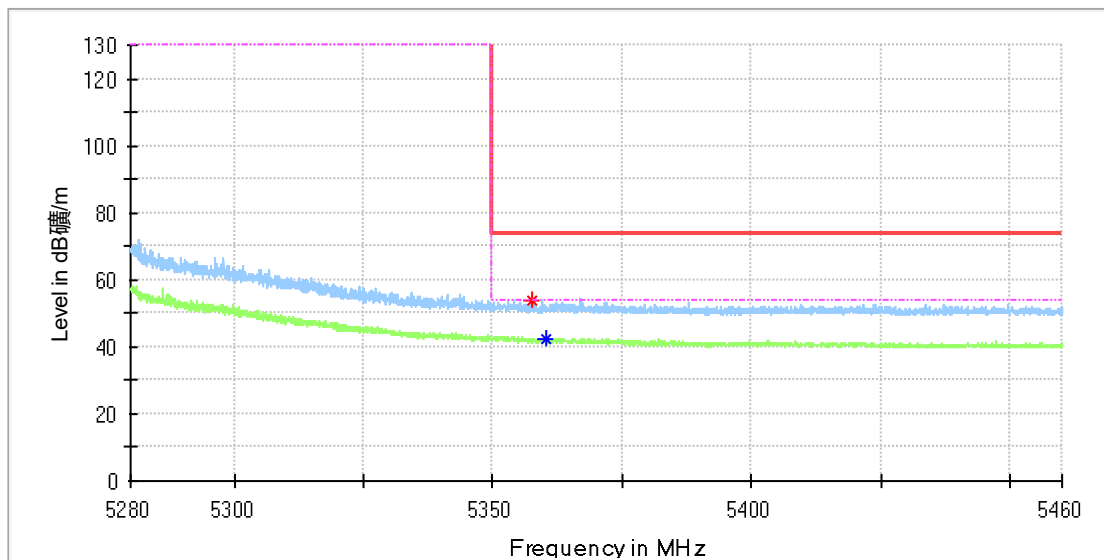


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.388889	64.71	---	74.00	9.29	100.0	V	48.0	12.4
5148.388889	---	52.25	54.00	1.75	100.0	V	48.0	12.4

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n40_CH 46
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin

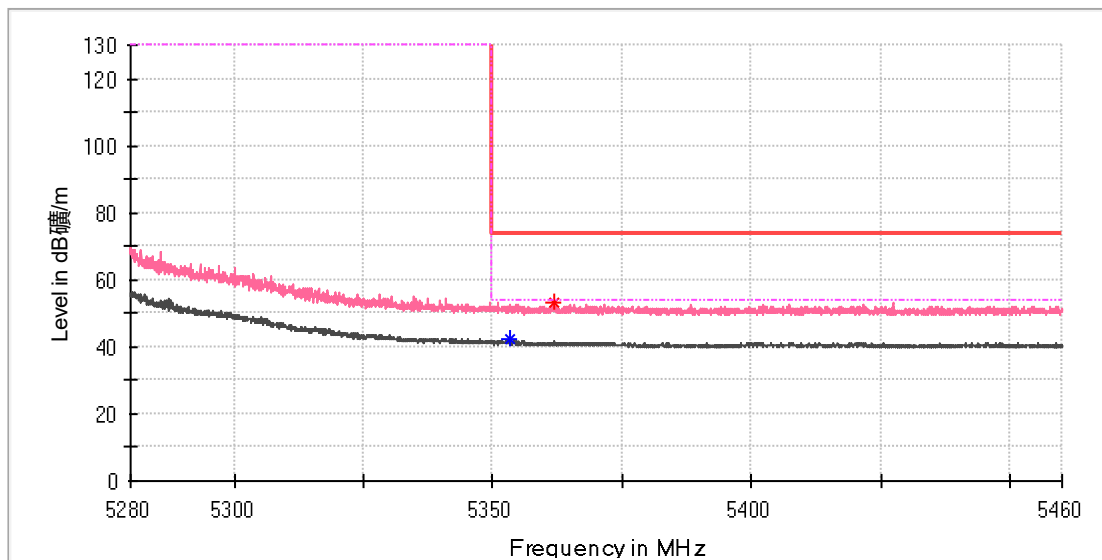


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5357.600000	54.06	---	74.00	19.94	100.0	H	44.0	13.3
5360.350000	---	42.60	54.00	11.40	100.0	H	306.0	13.3

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11n40_CH 46
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Alano Qu
Reviewed By:	Terry Yin



Critical_Freqs

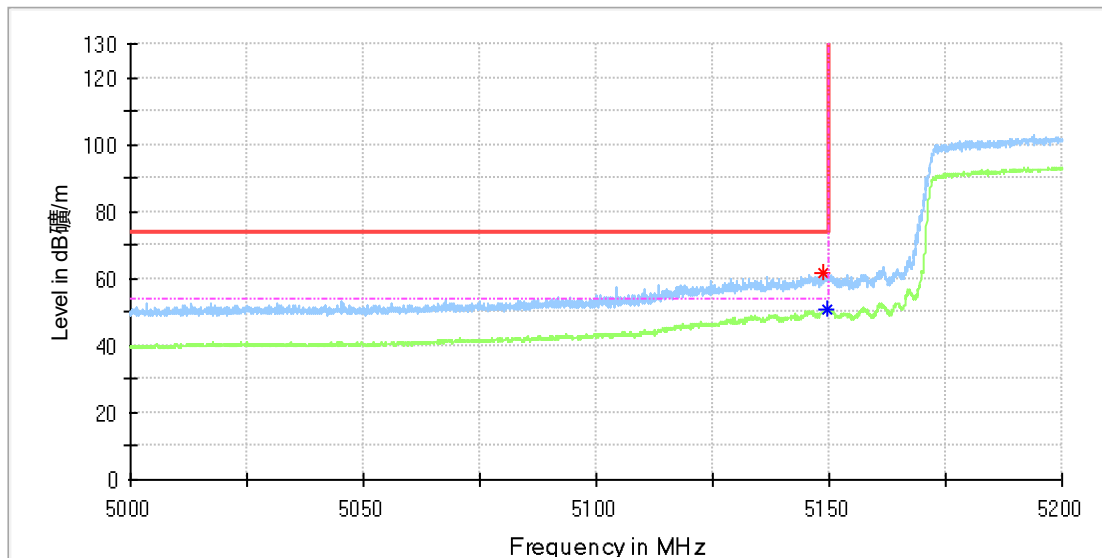
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5353.150000	---	42.15	54.00	11.85	100.0	V	304.0	13.3
5361.850000	53.28	---	74.00	20.72	100.0	V	280.0	13.3

Produkte
 Products

Wi-Fi 802.11 ac(HT80) mode

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11ac_Ch42
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

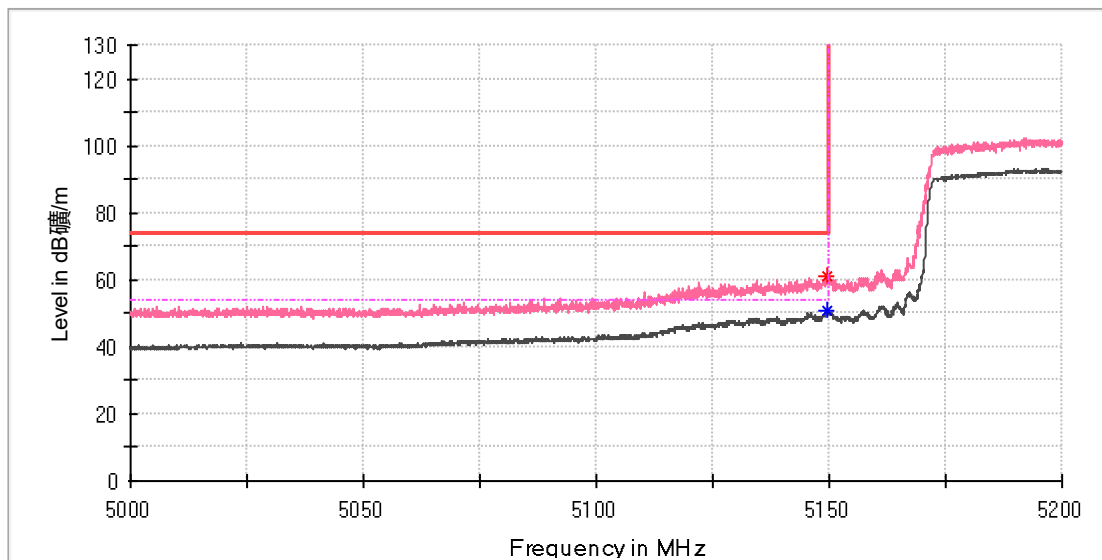


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.77778	61.49	---	74.00	12.51	100.0	H	32.0	13.6
5149.77778	---	51.06	54.00	2.94	100.0	H	32.0	13.6

EUT Information

EUT Name:	Control Extender
Model:	EL-IO-200
Test Mode:	Wi-Fi 5G 11ac_Ch42
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:48%
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)
5149.666667	---	50.66	54.00	3.34	100.0	V	194.0	13.6
5149.722222	60.98	---	74.00	13.02	100.0	V	194.0	13.6