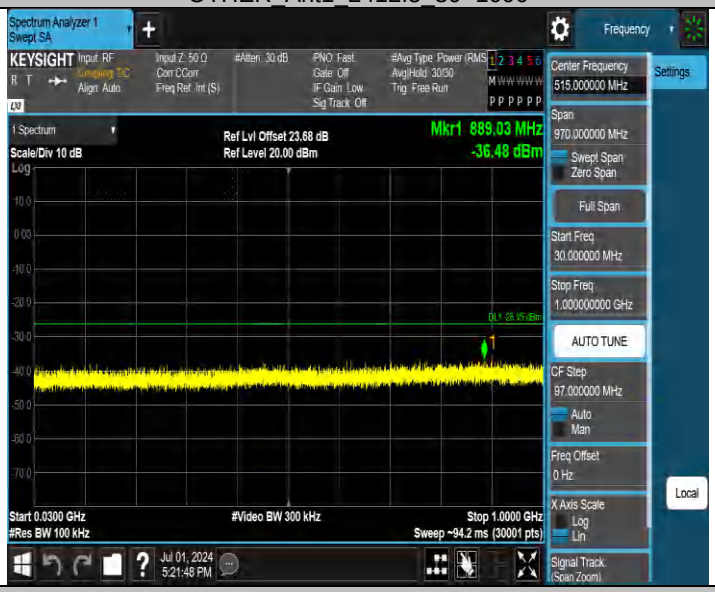
2.4GHz SDR, 20MHz BW

Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
Ant1	2412.5	Reference	3.85	3.85	---	PASS
		30~1000	3.85	-36.48	≤-26.15	PASS
		1000~26500	3.85	-27.29	≤-26.15	PASS
	2437.5	Reference	10.51	10.51	---	PASS
		30~1000	10.51	-35.83	≤-19.49	PASS
		1000~26500	10.51	-27.18	≤-19.49	PASS
	2462.5	Reference	9.24	9.24	---	PASS
		30~1000	9.24	-36.24	≤-20.76	PASS
		1000~26500	9.24	-26.91	≤-20.76	PASS

OTHER_Ant1_2412.5_0~Reference

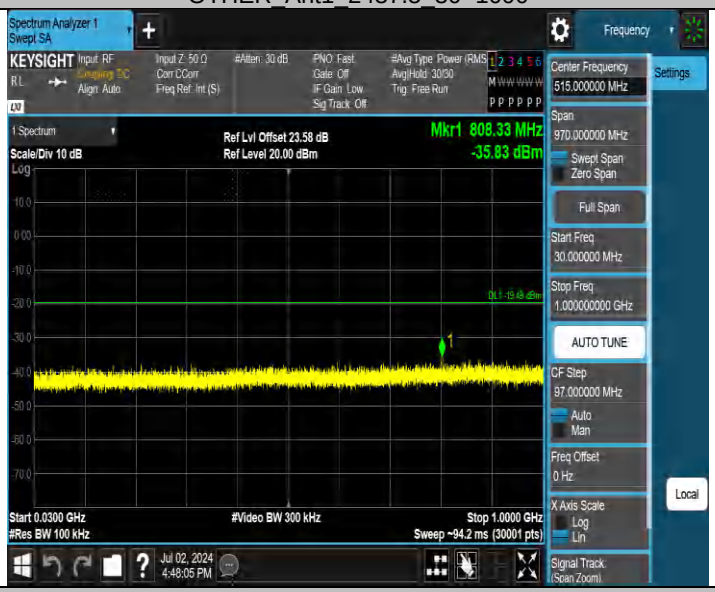
OTHER_Ant1_2412.5_30~1000



OTHER_Ant1_2412.5_1000~26500

OTHER_Ant1_2437.5_0~Reference

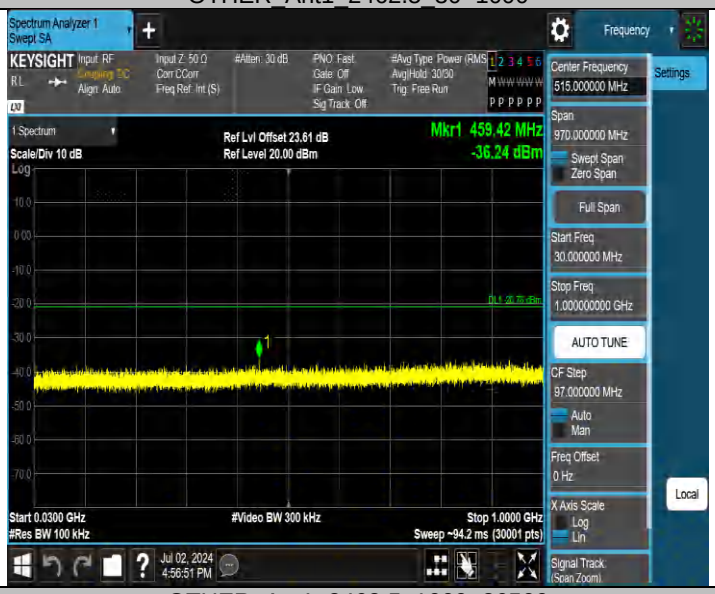
OTHER_Ant1_2437.5_30~1000



OTHER_Ant1_2437.5_1000~26500

OTHER_Ant1_2462.5_0~Reference

OTHER_Ant1_2462.5_30~1000



OTHER_Ant1_2462.5_1000~26500

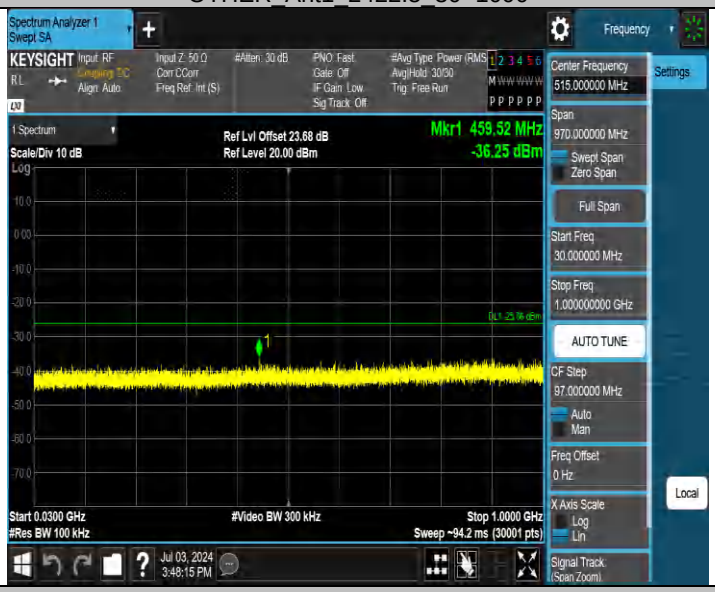
Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
#Atten: 30 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 30/30
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 23.61 dB
Ref Level 20.00 dBm
Mkr2 26.120 90 GHz
-26.91 dBm
Start 1.00 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 26.50 GHz
Sweep ~2.44 s (30001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 2.458 60 GHz 9.885 dBm
2 N 1 f 26.120 90 GHz -26.91 dBm
3
4
5
6
Jul 02, 2024
4:58:25 PM
Frequency
Settings
Center Frequency
13.750000000 GHz
Span
25.5000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
AUTO TUNE
CF Step
2.550000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Local

2.4GHz SDR, 40MHz BW

Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
Ant1	2422.5	Reference	4.14	4.14	---	PASS
		30~1000	4.14	-36.26	≤-25.86	PASS
		1000~26500	4.14	-26.51	≤-25.86	PASS
	2437.5	Reference	7.27	7.27	---	PASS
		30~1000	7.27	-36.54	≤-22.73	PASS
		1000~26500	7.27	-26.86	≤-22.73	PASS
	2452.5	Reference	9.66	9.66	---	PASS
		30~1000	9.66	-36.32	≤-20.34	PASS
		1000~26500	9.66	-26.75	≤-20.34	PASS

OTHER_Ant1_2422.5_0~Reference

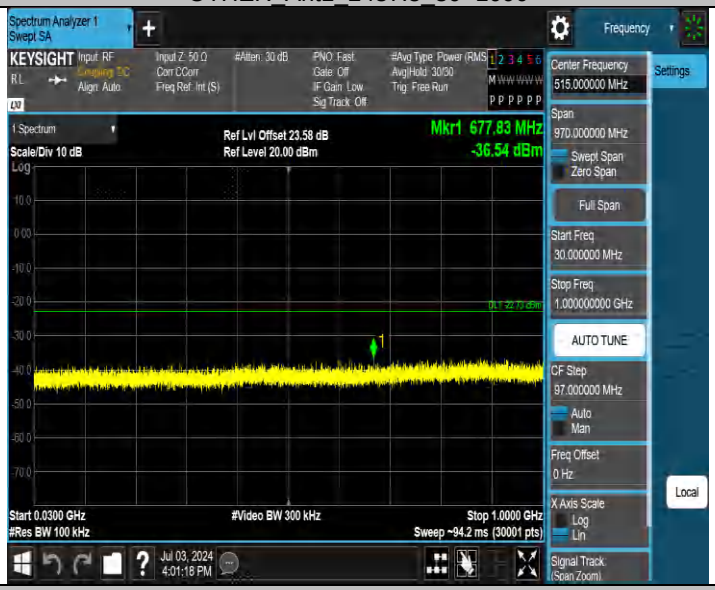
OTHER_Ant1_2422.5_30~1000



OTHER_Ant1_2422.5_1000~26500

OTHER_Ant1_2437.5_0~Reference

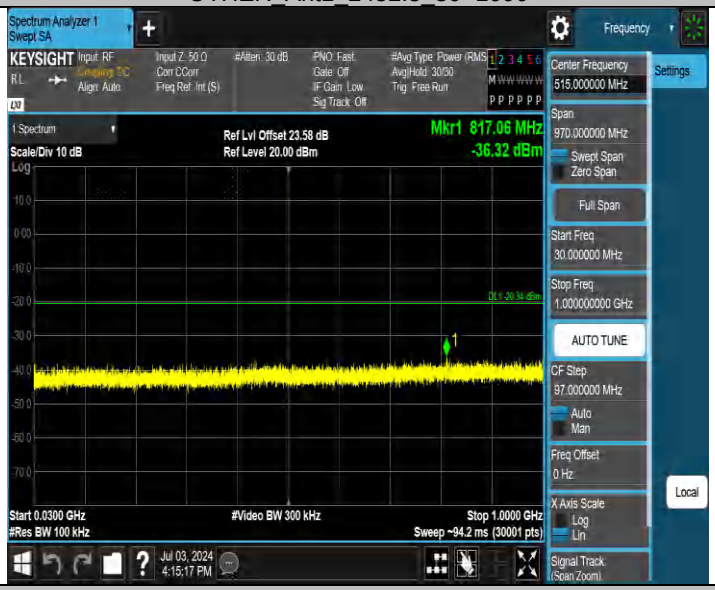
OTHER_Ant1_2437.5_30~1000



OTHER_Ant1_2437.5_1000~26500

OTHER_Ant1_2452.5_0~Reference

OTHER_Ant1_2452.5_30~1000



OTHER_Ant1_2452.5_1000~26500

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
#Atten: 30 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 30/30
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 23.58 dB
Ref Level 20.00 dBm
Mkr2 26.223 75 GHz
-26.75 dBm
Start 1.00 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 26.50 GHz
Sweep ~2.44 s (30001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 2.445 00 GHz 9.617 dBm
2 N 1 f 26.223 75 GHz -26.75 dBm
3
4
5
6
Jul 03, 2024
4:16:50 PM
Frequency
Settings
Center Frequency
13.750000000 GHz
Span
25.5000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
AUTO TUNE
CF Step
2.550000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Local

2.4GHz SDR,60MHz BW

Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
Ant1	2432.5	Reference	1.76	1.76	---	PASS
		30~1000	1.76	-35.2	≤-28.24	PASS
		1000~26500	1.76	-36.88	≤-28.24	PASS
	2437.5	Reference	1.50	1.50	---	PASS
		30~1000	1.50	-36.05	≤-28.5	PASS
		1000~26500	1.50	-37.23	≤-28.5	PASS
	2442.5	Reference	2.35	2.35	---	PASS
		30~1000	2.35	-35.81	≤-27.65	PASS
		1000~26500	2.35	-37.12	≤-27.65	PASS

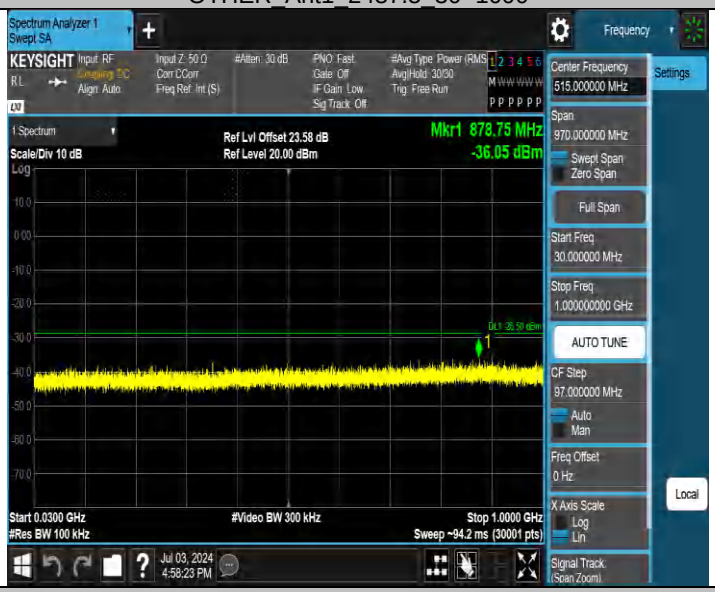
OTHER_Ant1_2432.5_0~Reference

OTHER_Ant1_2432.5_30~1000

OTHER_Ant1_2432.5_1000~26500

OTHER_Ant1_2437.5_0~Reference

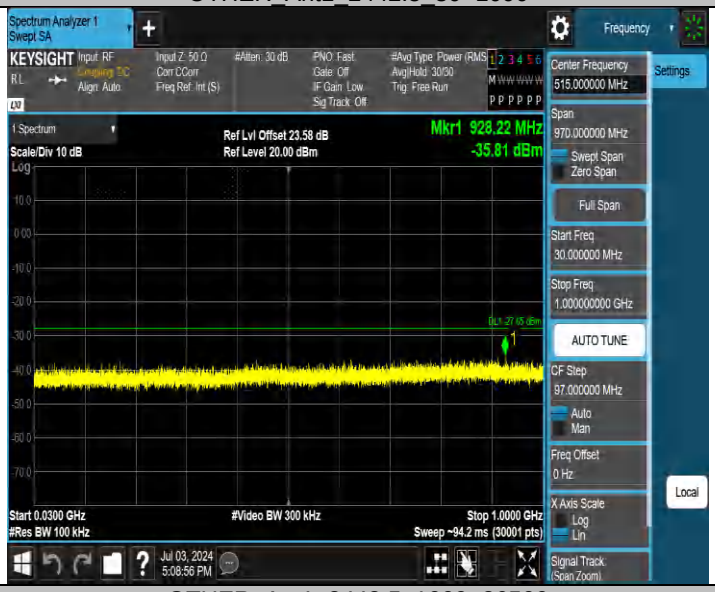
OTHER_Ant1_2437.5_30~1000



OTHER_Ant1_2437.5_1000~26500

OTHER_Ant1_2442.5_0~Reference

OTHER_Ant1_2442.5_30~1000



OTHER_Ant1_2442.5_1000~26500

Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
#Atten: 20 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 30/30
Trig: Free Run
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 23.58 dB
Ref Level 20.00 dBm
Mkr2 26.259 45 GHz
-37.12 dBm
Start 1.00 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 26.50 GHz
Sweep ~2.44 s (30001 pts)
5 Marker Table
Mode Trace Scale X Y Function Function Width Function Value
1 N 1 f 2.438 20 GHz 2.376 dBm
2 N 1 f 26.259 45 GHz -37.12 dBm
Jul 03, 2024
5:10:47 PM
Frequency
Center Frequency
13.750000000 GHz
Span
25.5000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
26.500000000 GHz
AUTO TUNE
CF Step
2.550000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
Settings
Local

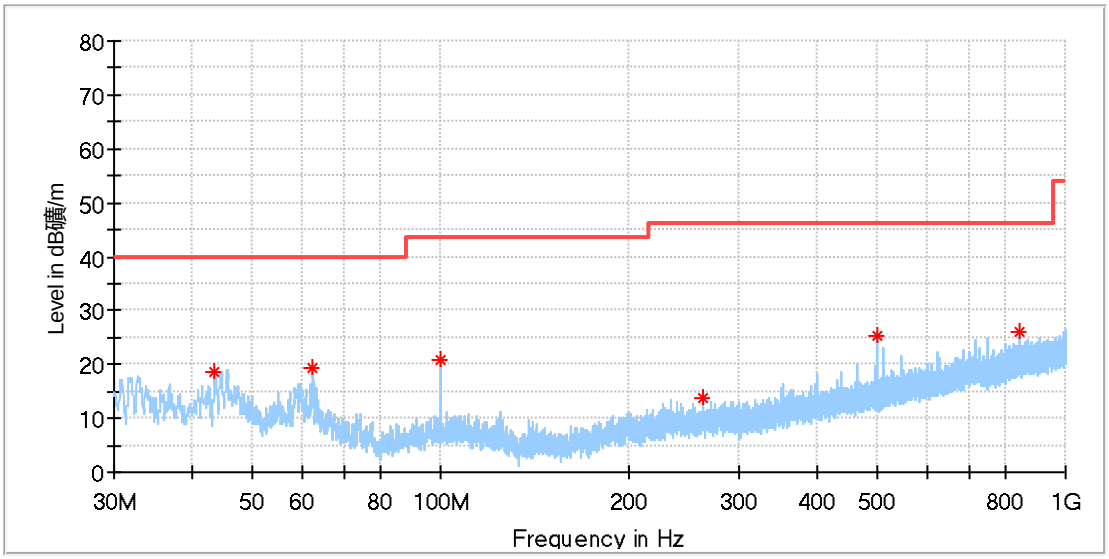
Appendix A.6: Test Results of Radiated Spurious Emissions

Note:
1) This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+1) was presented in this report.
2) This testing was carried out on different modulations, but only the worst case was presented in this report.
3) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz 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:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

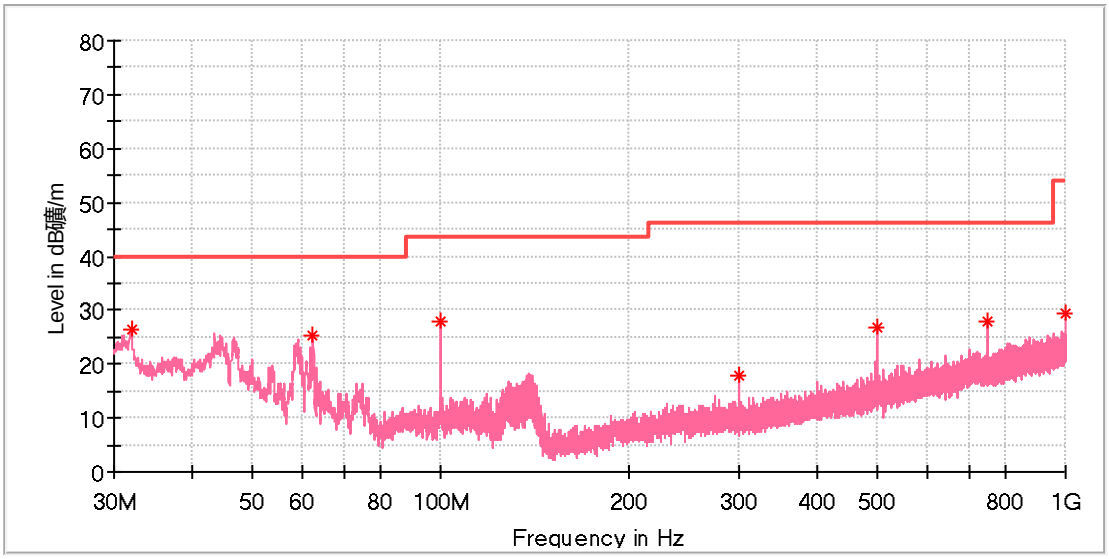
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.393462	18.78	40.00	21.22	100.0	H	266.0	-19.5
62.495000	19.20	40.00	20.80	100.0	H	168.0	-19.9
99.989231	20.66	43.50	22.84	100.0	H	323.0	-19.3
262.688077	13.69	46.00	32.31	100.0	H	150.0	-17.4
500.002308	25.27	46.00	20.73	100.0	H	0.0	-12.2
842.263077	25.97	46.00	20.03	100.0	H	194.0	-6.0

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
32.051923	26.25	40.00	13.75	100.0	V	38.0	-23.0
62.495000	25.18	40.00	14.82	100.0	V	130.0	-19.9
99.989231	27.93	43.50	15.57	100.0	V	346.0	-19.3
299.995769	17.70	46.00	28.30	100.0	V	264.0	-16.6
500.002308	26.86	46.00	19.14	100.0	V	304.0	-12.2
750.038462	27.79	46.00	18.21	100.0	V	189.0	-7.6
1000.000000	29.41	54.00	24.59	100.0	V	164.0	-4.0

Final_Result

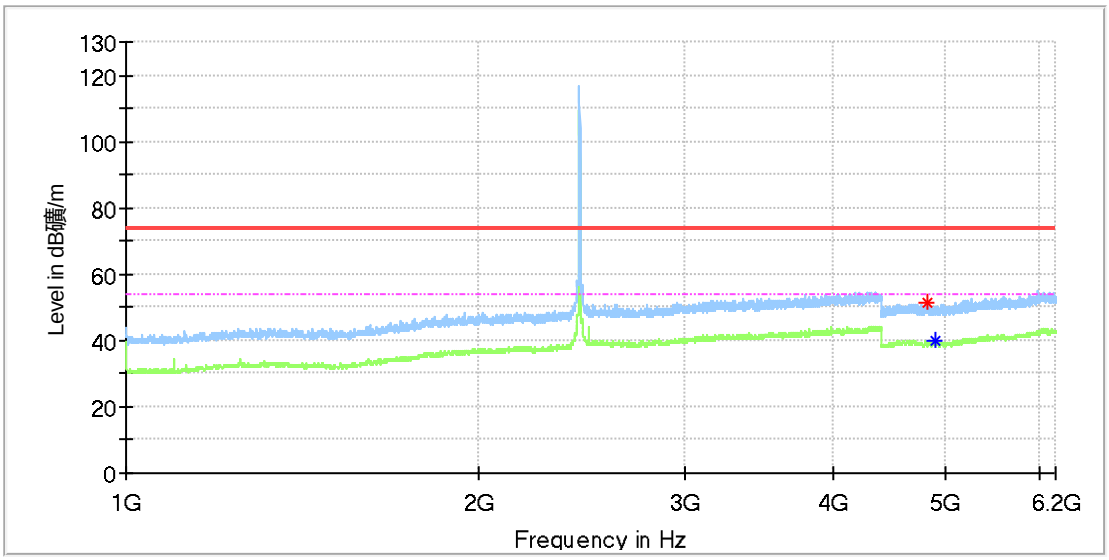
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is 2.4GHz SDR Fundamental.

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

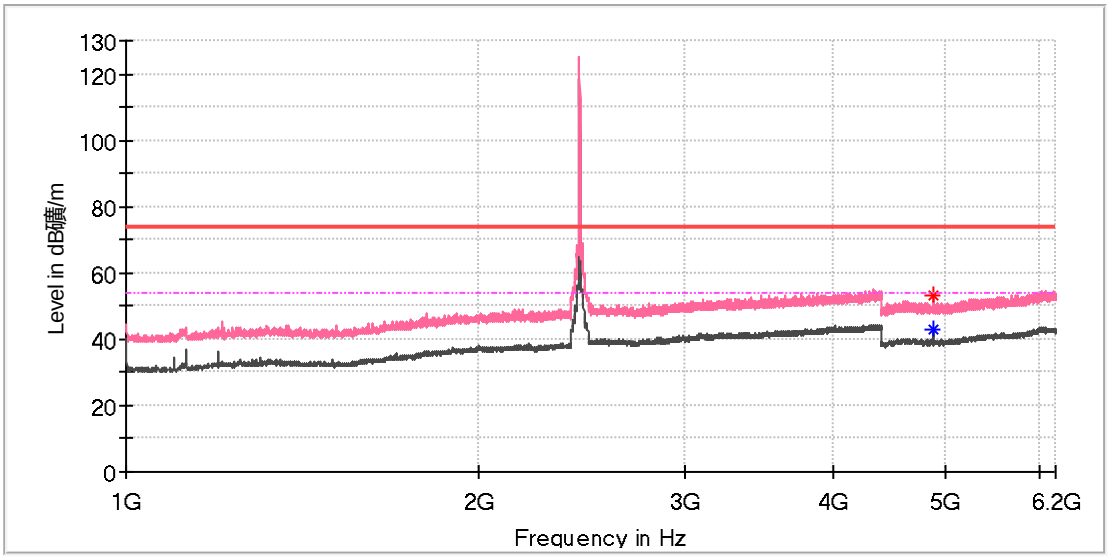
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4822.500000	51.24	---	74.00	22.76	150.0	H	135.0	11.8
4893.500000	---	39.76	54.00	14.24	150.0	H	261.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

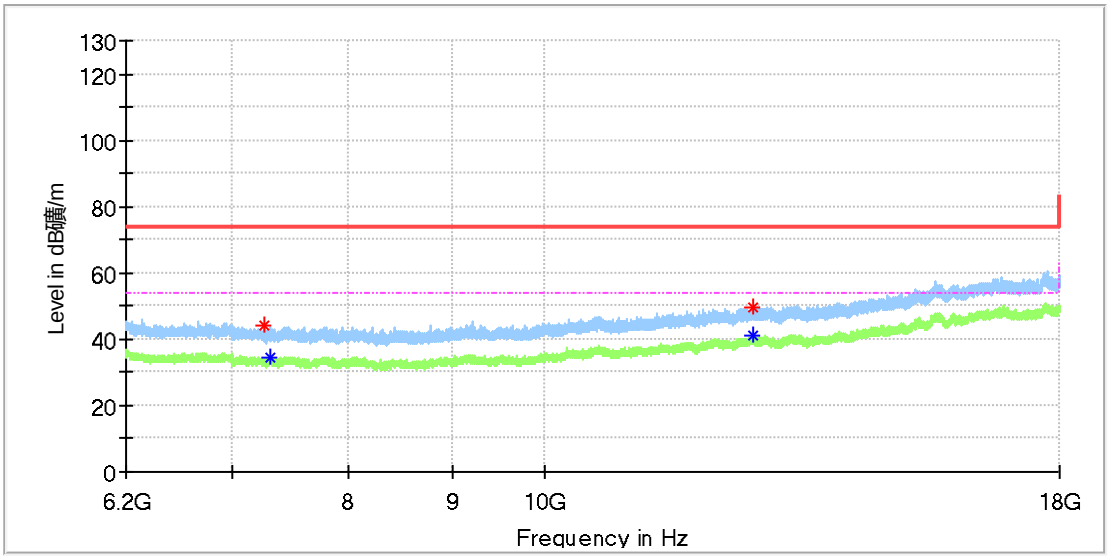
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	53.32	---	74.00	20.68	150.0	V	61.0	11.8
4871.000000	---	43.00	54.00	11.00	150.0	V	36.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

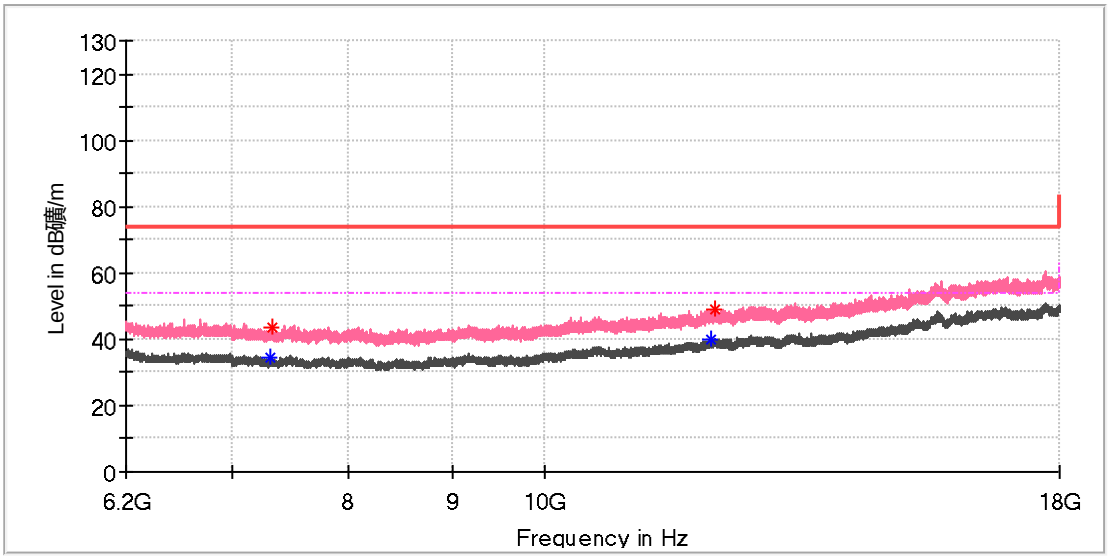
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7257.575000	44.35	---	74.00	29.65	150.0	H	334.0	8.5
7301.825000	---	34.31	54.00	19.69	150.0	H	68.0	8.3
12674.266667	49.56	---	74.00	24.44	150.0	H	165.0	15.1
12681.641667	---	40.97	54.00	13.03	150.0	H	201.0	15.1

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

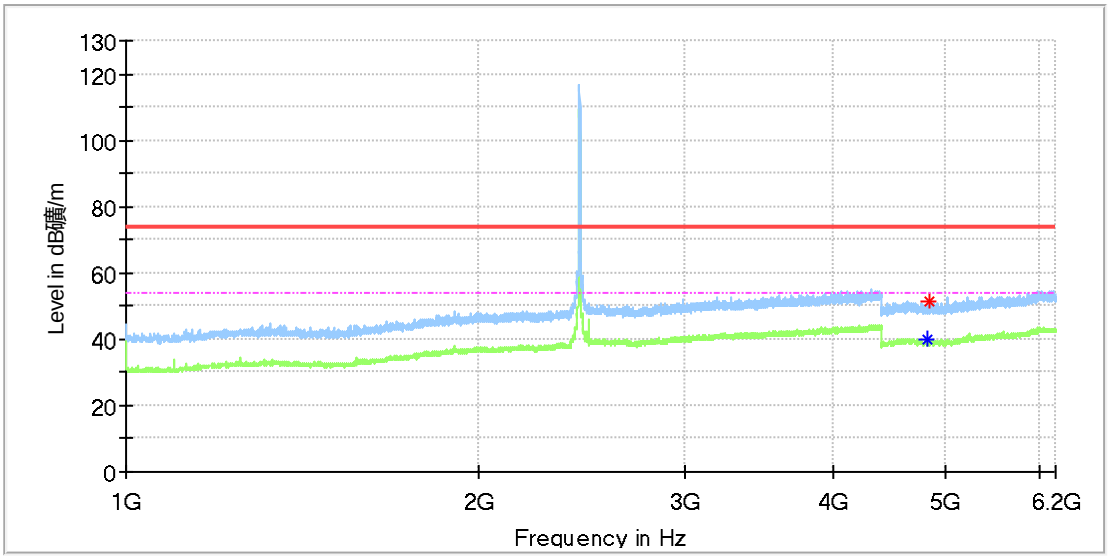
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7302.316667	---	34.34	54.00	19.66	150.0	V	9.0	8.3
7328.375000	43.42	---	74.00	30.58	150.0	V	126.0	8.1
12100.000000	---	39.97	54.00	14.03	150.0	V	126.0	14.2
12149.166667	48.69	---	74.00	25.31	150.0	V	198.0	14.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

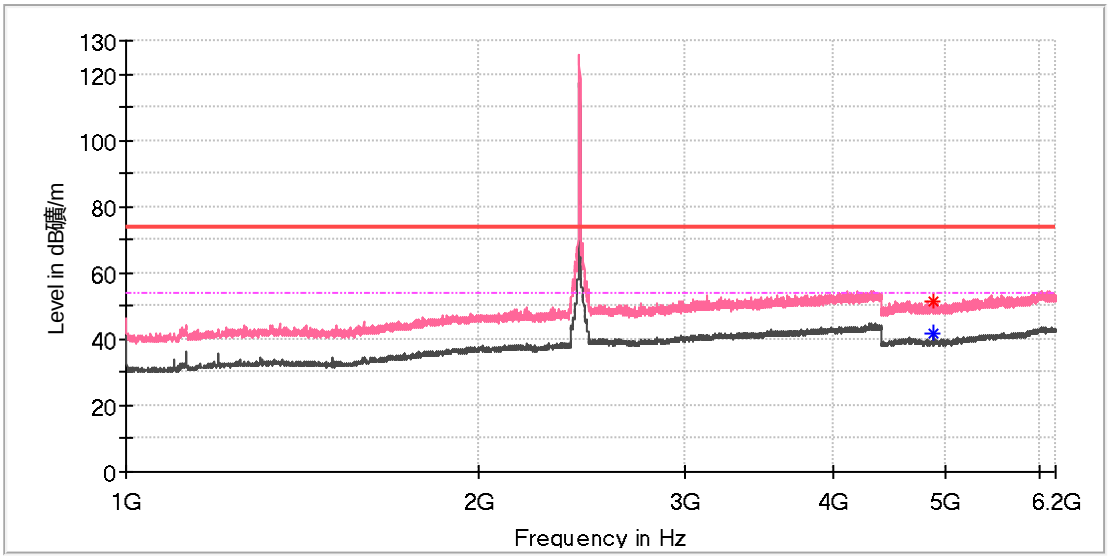
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4812.500000	---	39.80	54.00	14.20	150.0	H	54.0	11.8
4849.000000	51.34	---	74.00	22.66	150.0	H	66.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

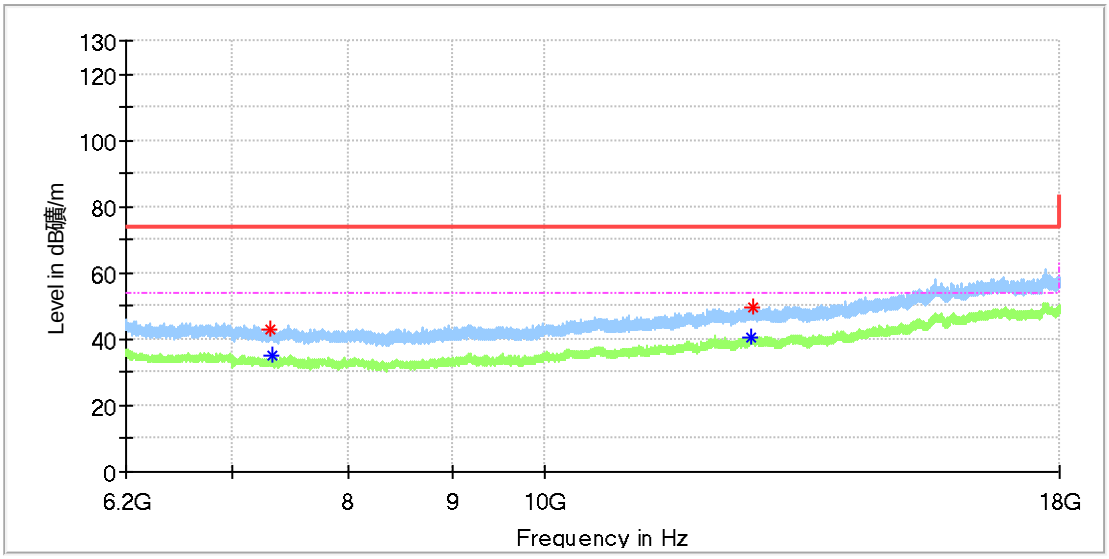
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.500000	51.15	---	74.00	22.85	150.0	V	9.0	11.8
4870.500000	---	41.70	54.00	12.30	150.0	V	33.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

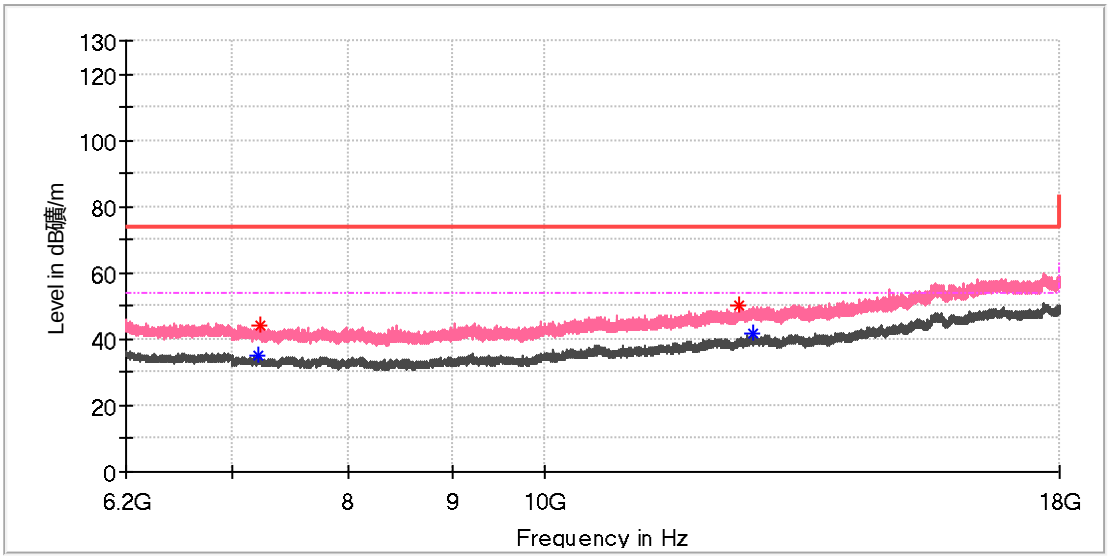
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7313.625000	42.96	---	74.00	31.04	150.0	H	95.0	8.2
7324.933333	---	34.83	54.00	19.17	150.0	H	82.0	8.2
12652.633333	---	40.76	54.00	13.24	150.0	H	179.0	15.0
12688.033333	49.79	---	74.00	24.21	150.0	H	10.0	15.1

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2435.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

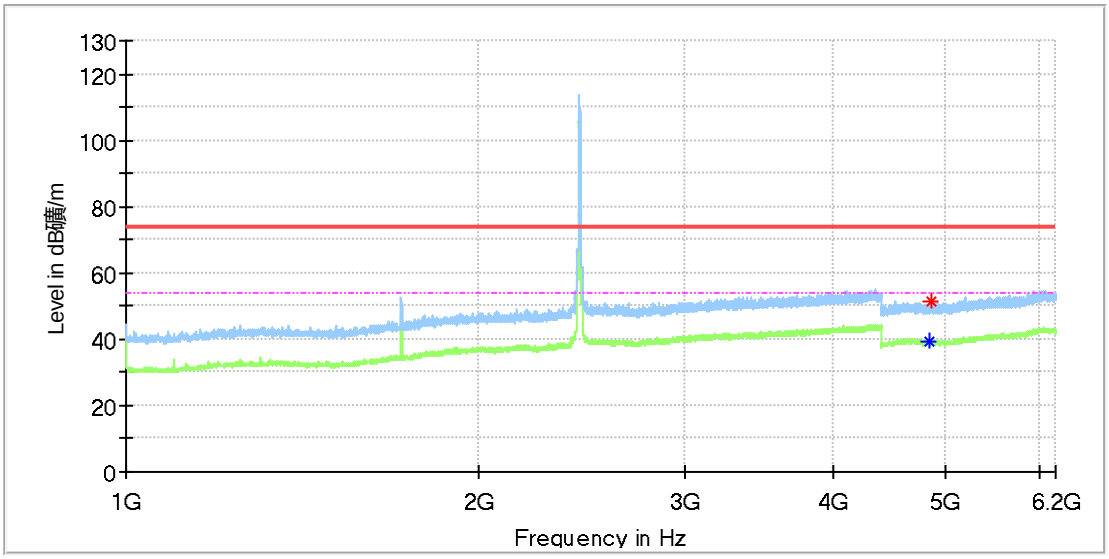
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7205.458333	---	35.26	54.00	18.74	150.0	V	110.0	8.8
7233.975000	44.21	---	74.00	29.79	150.0	V	266.0	8.6
12481.041667	50.45	---	74.00	23.56	150.0	V	0.0	14.6
12698.358333	---	41.94	54.00	12.06	150.0	V	266.0	15.1

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2434.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

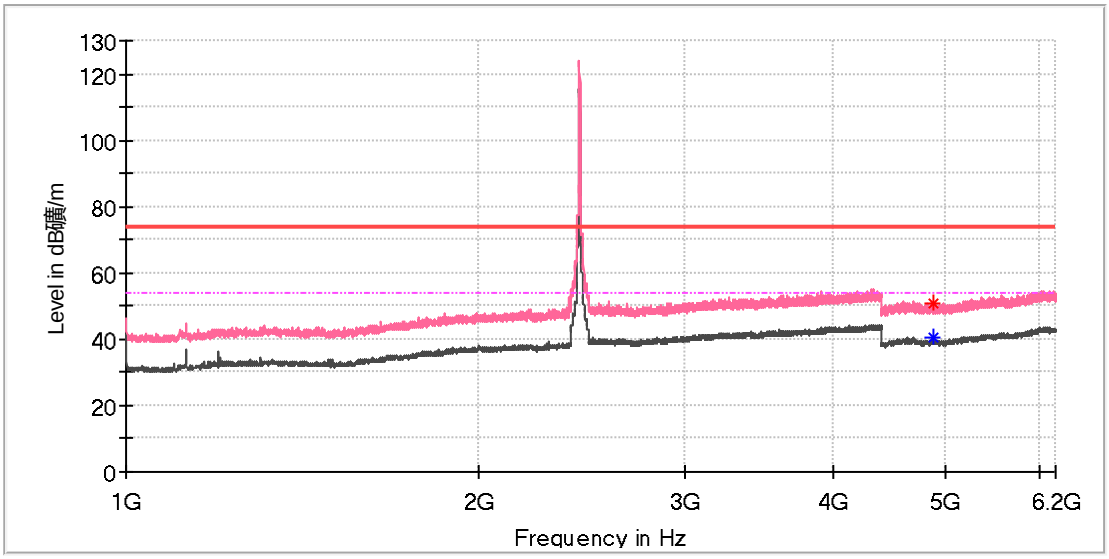
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4848.500000	---	39.51	54.00	14.49	150.0	H	148.0	11.8
4855.000000	51.16	---	74.00	22.84	150.0	H	102.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2434.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

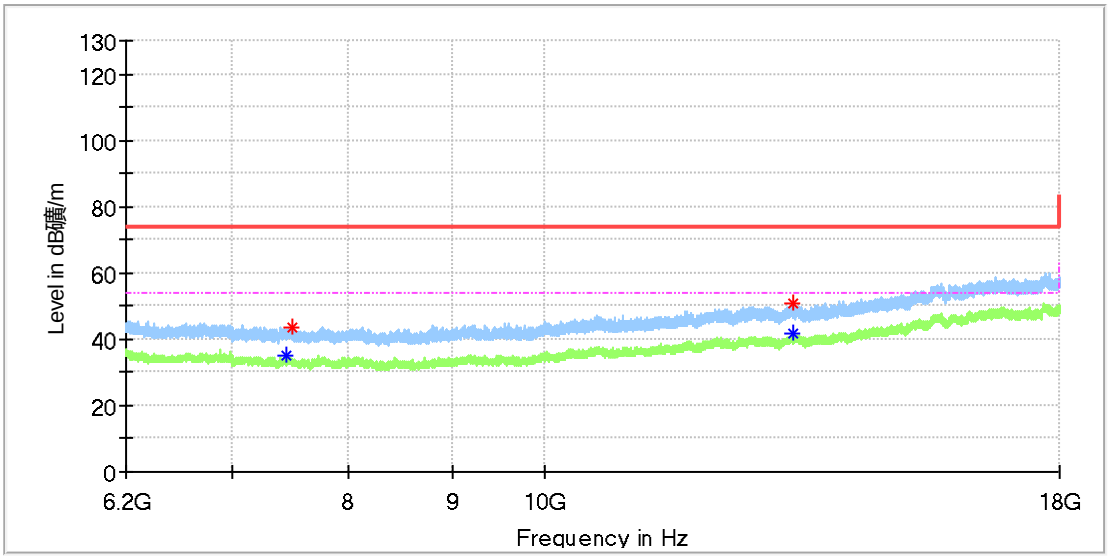
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.000000	---	40.65	54.00	13.35	150.0	V	44.0	11.8
4871.500000	50.99	---	74.00	23.01	150.0	V	97.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2434.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

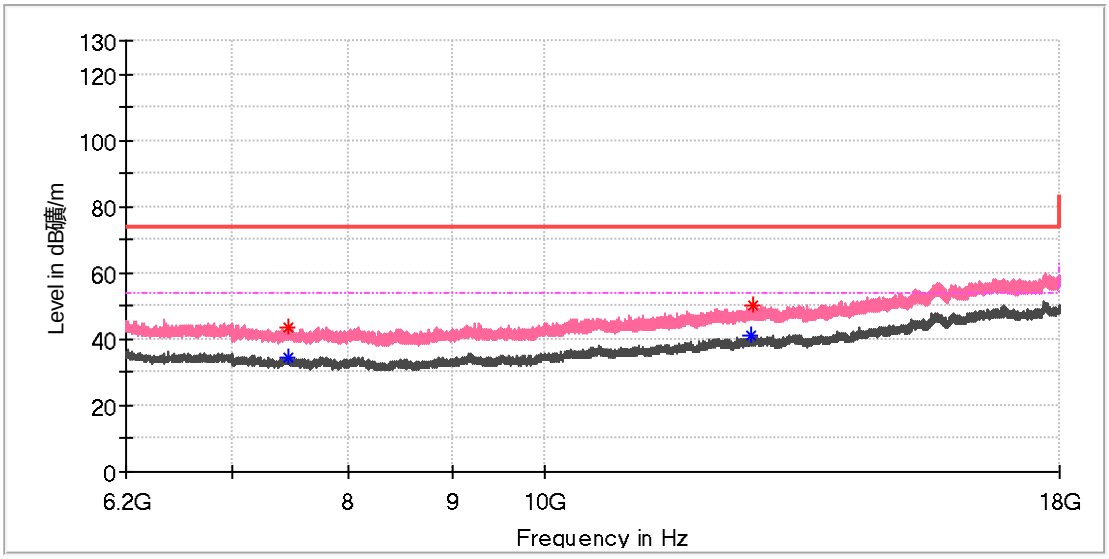
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7439.983333	---	35.00	54.00	19.00	150.0	H	275.0	8.4
7498.000000	43.75	---	74.00	30.25	150.0	H	238.0	8.7
13273.116667	---	41.46	54.00	12.54	150.0	H	60.0	15.5
13288.358333	50.78	---	74.00	23.22	150.0	H	309.0	15.5

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2434.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
7456.700000	43.51	---	74.00	30.49	150.0	V	118.0	8.5
7469.975000	---	34.54	54.00	19.46	150.0	V	30.0	8.6
12655.091667	---	41.01	54.00	12.99	150.0	V	202.0	15.0
12690.983333	50.15	---	74.00	23.85	150.0	V	238.0	15.1

Final_Result

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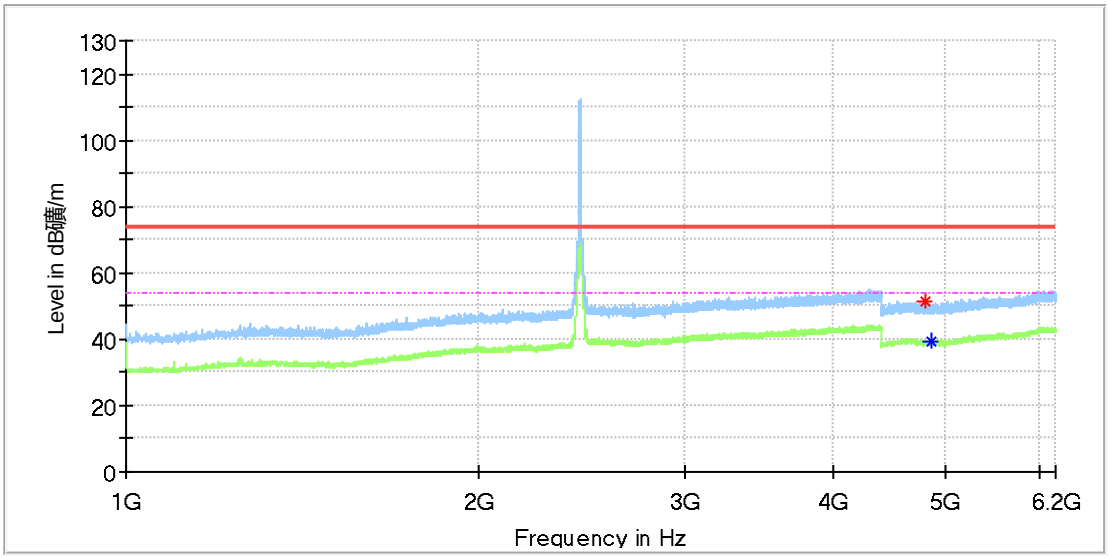
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

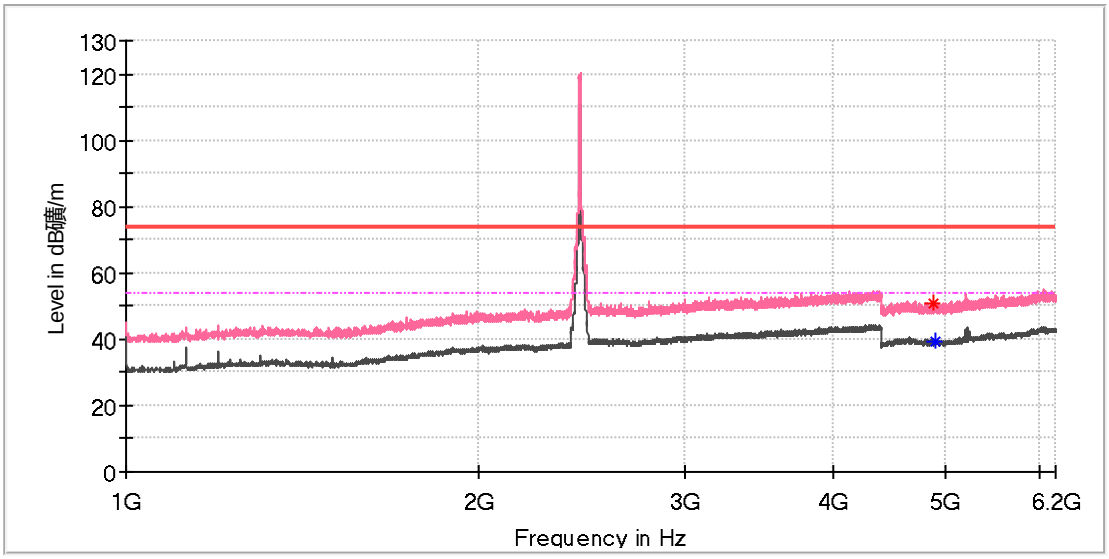
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4810.000000	51.41	---	74.00	22.59	150.0	H	232.0	11.8
4857.000000	---	39.51	54.00	14.49	150.0	H	68.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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	50.66	---	74.00	23.34	150.0	V	178.0	11.8
4895.500000	---	39.56	54.00	14.44	150.0	V	89.0	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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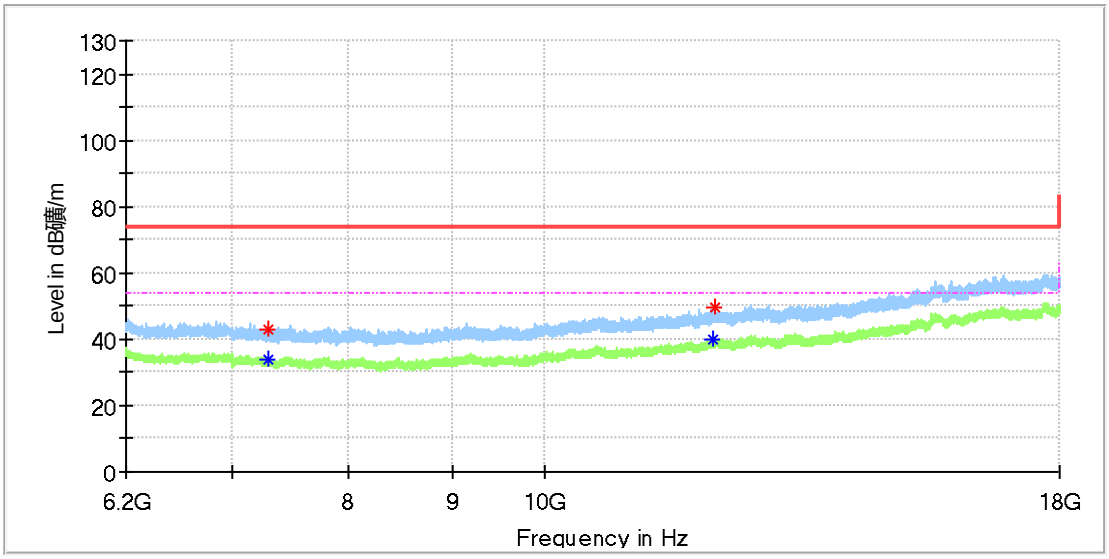
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
7295.433333	---	33.79	54.00	20.21	150.0	H	288.0	8.3
7297.400000	43.22	---	74.00	30.78	150.0	H	191.0	8.3
12123.600000	---	39.86	54.00	14.14	150.0	H	10.0	14.3
12150.150000	49.47	---	74.00	24.53	150.0	H	1.0	14.4

Final_Result

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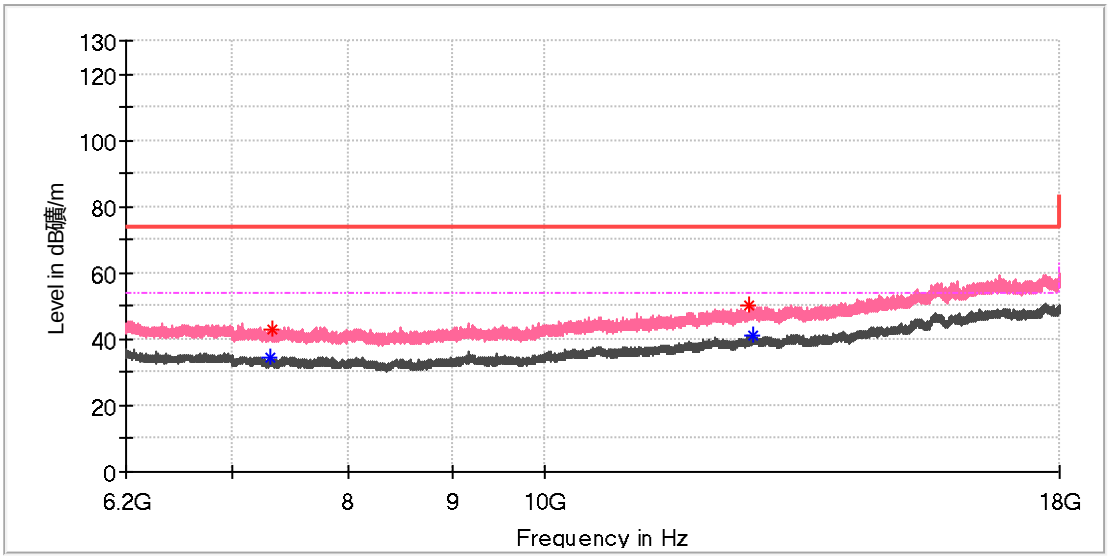
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

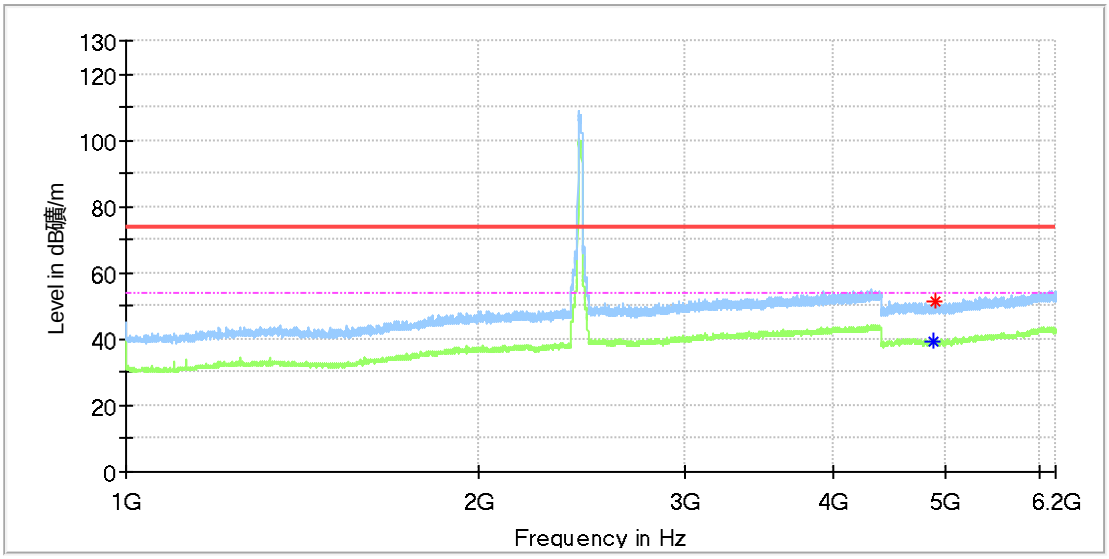
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7317.066667	---	34.53	54.00	19.47	150.0	V	204.0	8.2
7323.950000	42.94	---	74.00	31.06	150.0	V	0.0	8.2
12636.408333	50.19	---	74.00	23.81	150.0	V	156.0	15.0
12692.458333	---	41.40	54.00	12.60	150.0	V	191.0	15.1

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

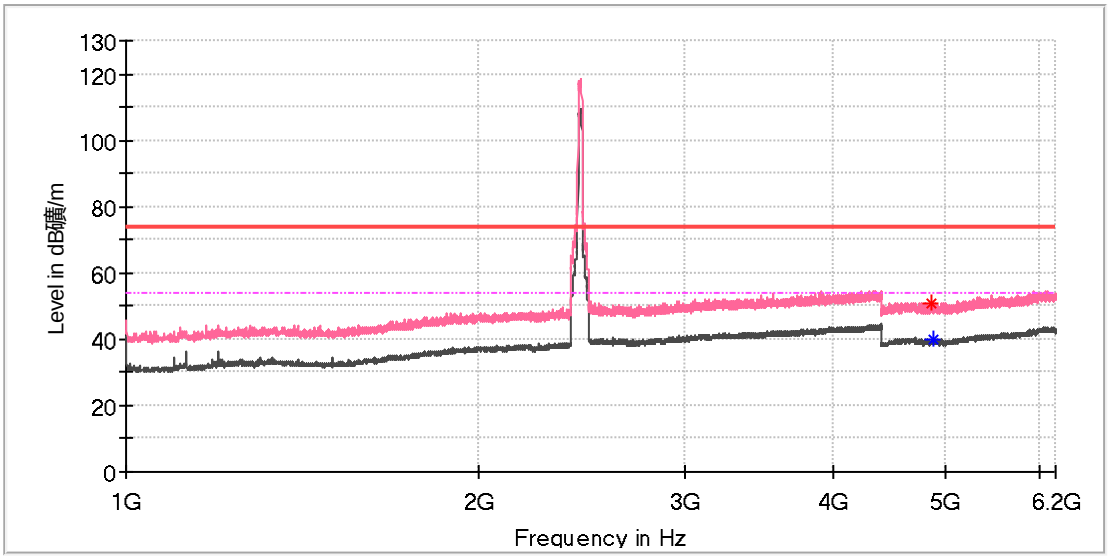
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4869.000000	---	39.45	54.00	14.55	150.0	H	174.0	11.8
4901.000000	51.37	---	74.00	22.63	150.0	H	135.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
4868.000000	50.78	---	74.00	23.22	150.0	V	187.0	11.8
4875.500000	---	39.95	54.00	14.05	150.0	V	91.0	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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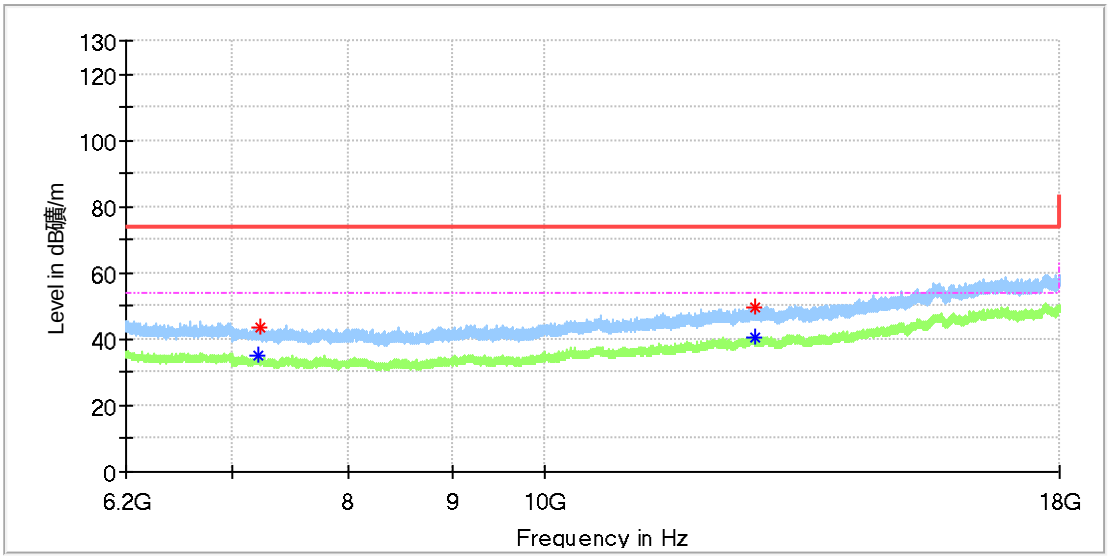
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
7208.900000	---	34.85	54.00	19.15	150.0	H	349.0	8.8
7233.483333	43.67	---	74.00	30.33	150.0	H	170.0	8.6
12701.308333	49.70	---	74.00	24.30	150.0	H	336.0	15.1
12703.766667	---	40.73	54.00	13.27	150.0	H	82.0	15.1

Final_Result

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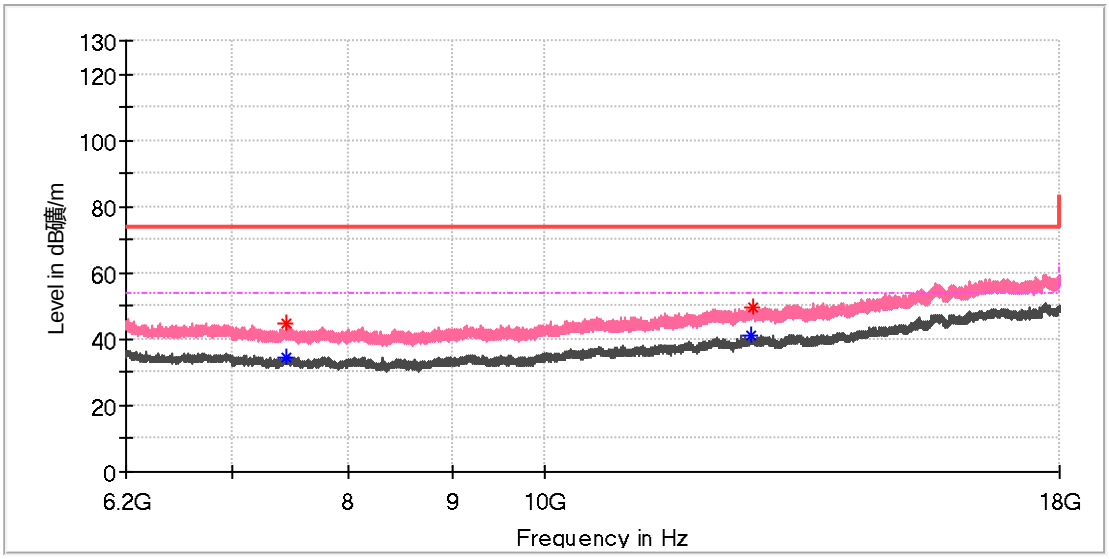
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

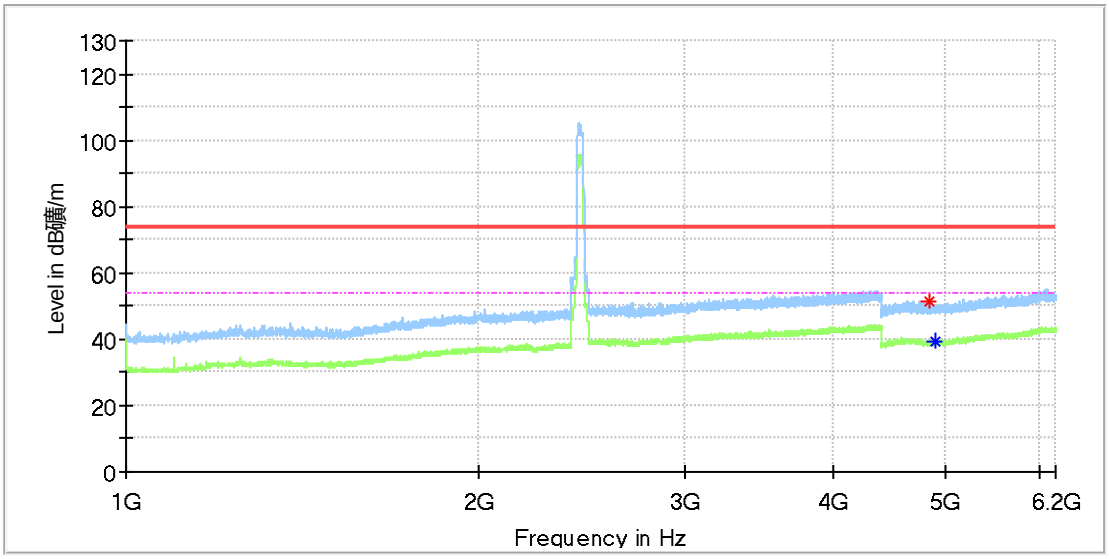
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7438.016667	44.55	---	74.00	29.45	150.0	V	356.0	8.4
7438.016667	---	34.55	54.00	19.45	150.0	V	356.0	8.4
12658.533333	---	41.08	54.00	12.92	150.0	V	30.0	15.0
12680.166667	49.45	---	74.00	24.55	150.0	V	150.0	15.1

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

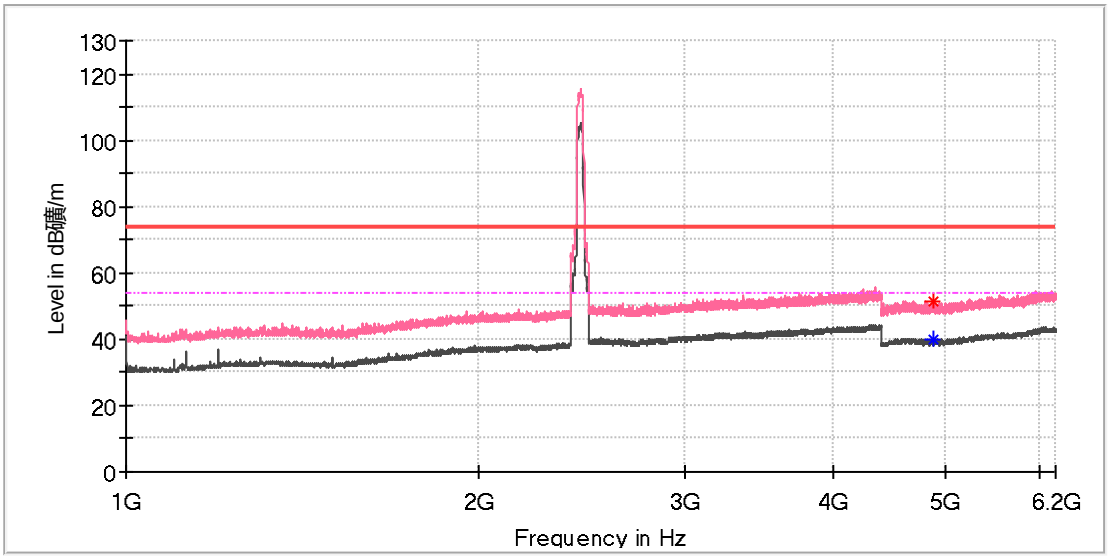
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4841.000000	51.11	---	74.00	22.89	150.0	H	204.0	11.8
4904.000000	---	39.56	54.00	14.44	150.0	H	260.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

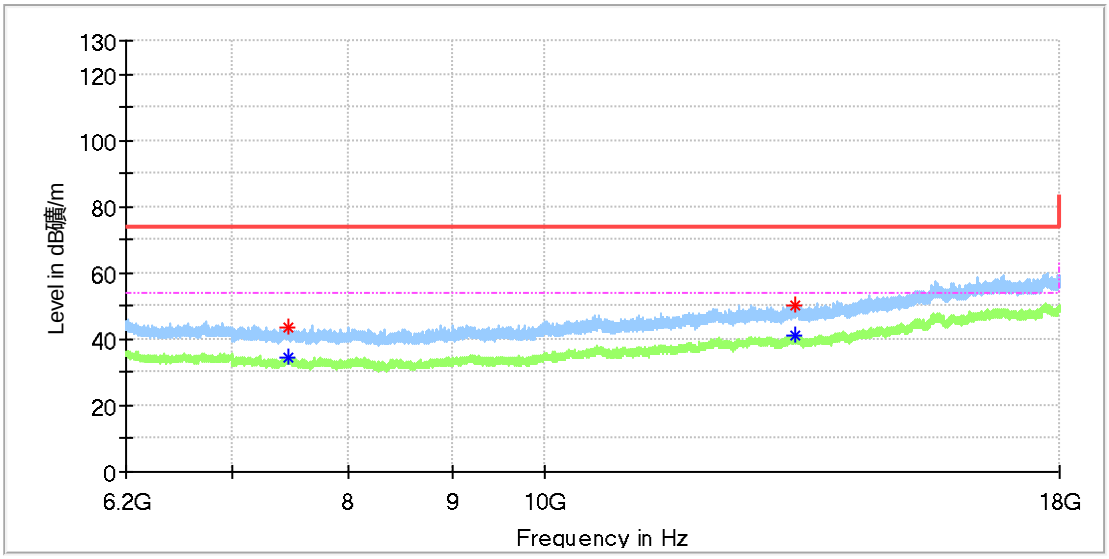
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	---	39.74	54.00	14.26	150.0	V	36.0	11.8
4873.500000	51.13	---	74.00	22.87	150.0	V	181.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

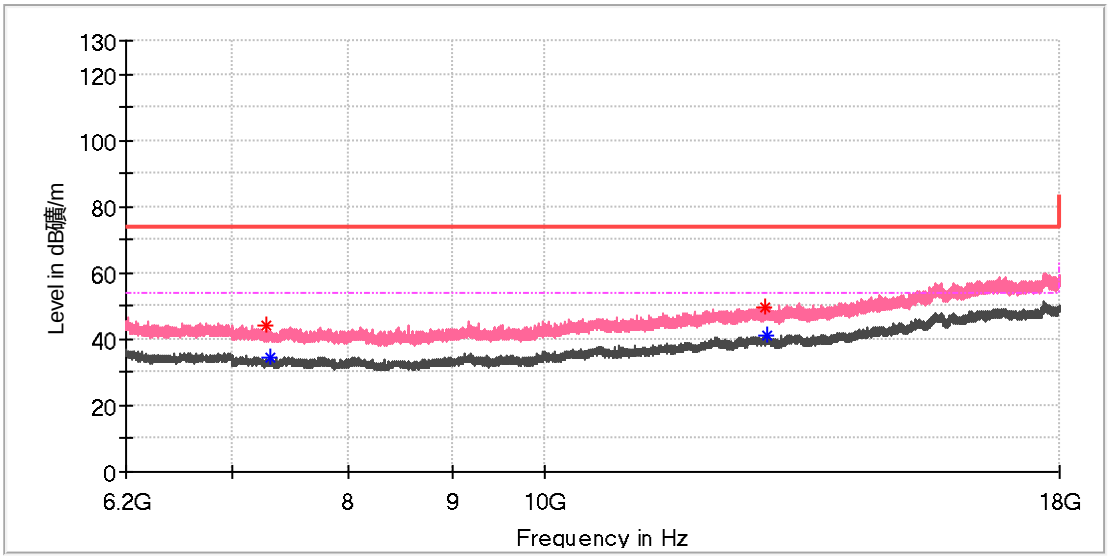
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7455.716667	43.45	---	74.00	30.55	150.0	H	141.0	8.5
7458.666667	---	34.34	54.00	19.66	150.0	H	342.0	8.5
13301.633333	49.98	---	74.00	24.02	150.0	H	1.0	15.5
13305.075000	---	40.93	54.00	13.07	150.0	H	168.0	15.5

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

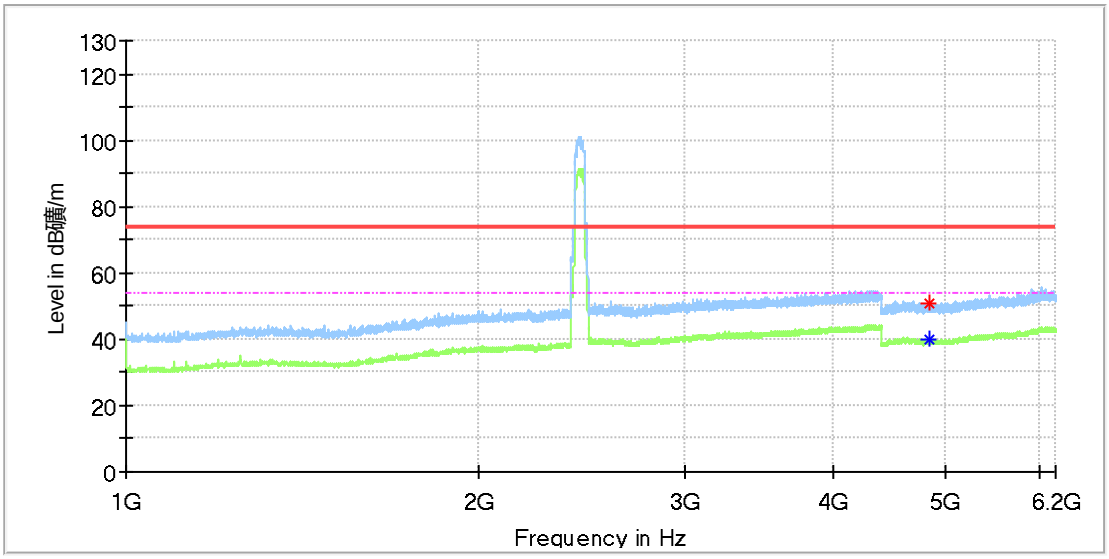
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7268.883333	44.13	---	74.00	29.87	150.0	V	104.0	8.5
7304.283333	---	34.38	54.00	19.62	150.0	V	333.0	8.3
12872.900000	49.75	---	74.00	24.25	150.0	V	224.0	15.4
12888.141667	---	40.92	54.00	13.08	150.0	V	333.0	15.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

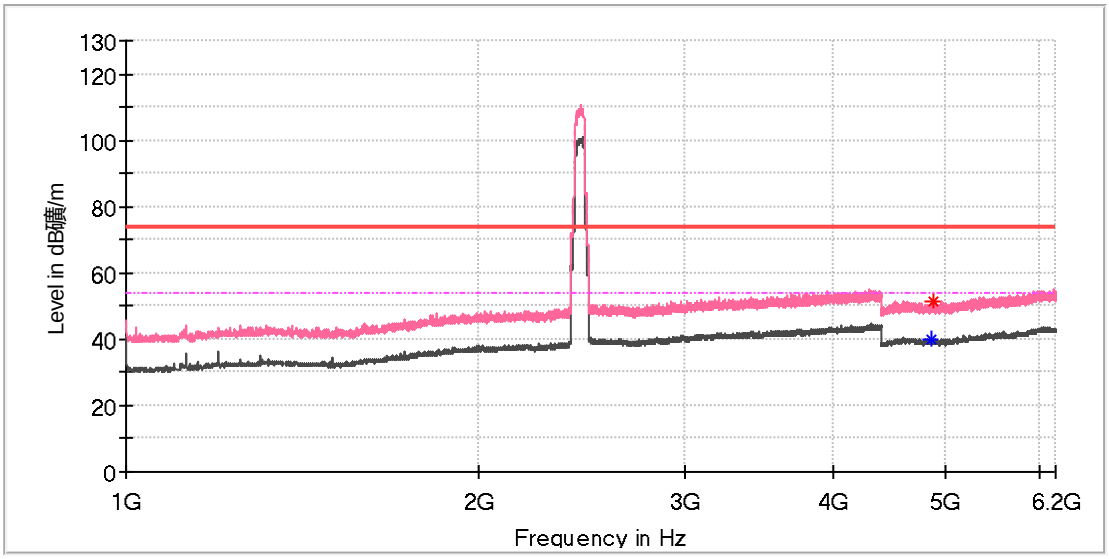
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4843.500000	---	39.66	54.00	14.34	150.0	H	84.0	11.8
4847.500000	50.82	---	74.00	23.18	150.0	H	303.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

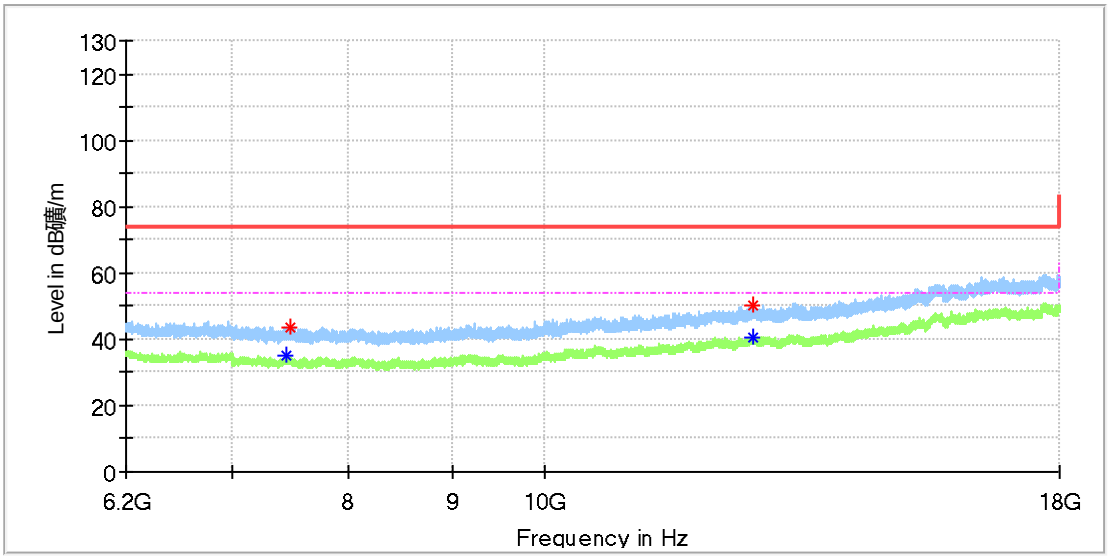
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4852.500000	---	39.81	54.00	14.19	150.0	V	30.0	11.8
4875.000000	51.13	---	74.00	22.87	150.0	V	89.0	11.8

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

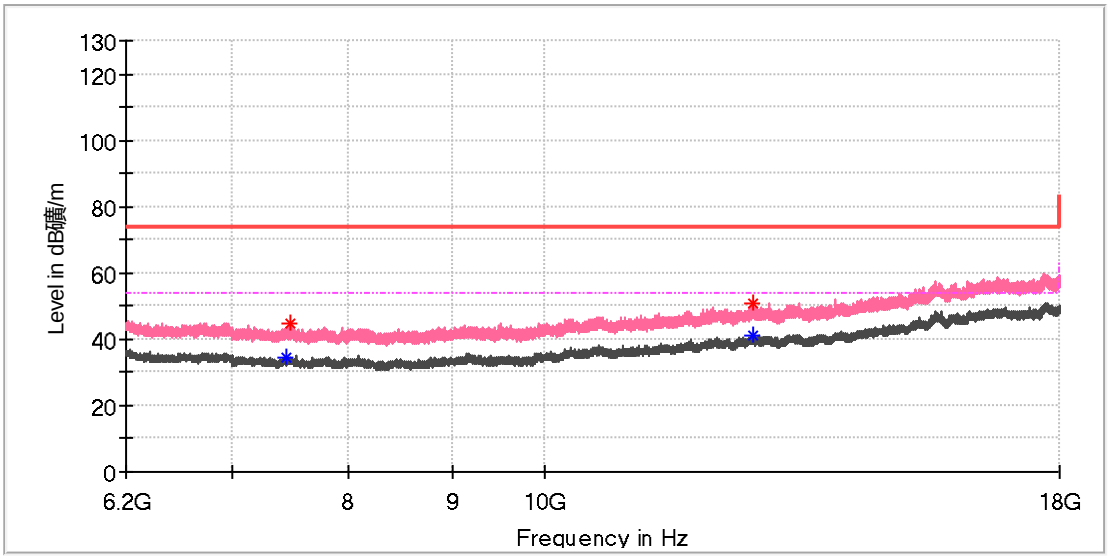
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7450.308333	---	34.84	54.00	19.16	150.0	H	305.0	8.5
7481.283333	43.77	---	74.00	30.23	150.0	H	293.0	8.7
12690.000000	50.06	---	74.00	23.94	150.0	H	270.0	15.1
12694.425000	---	40.75	54.00	13.25	150.0	H	198.0	15.1

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2437.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
7451.291667	---	34.64	54.00	19.36	150.0	V	201.0	8.5
7473.416667	44.63	---	74.00	29.37	150.0	V	8.0	8.6
12675.250000	50.75	---	74.00	23.25	150.0	V	352.0	15.1
12691.966667	---	40.98	54.00	13.02	150.0	V	0.0	15.1

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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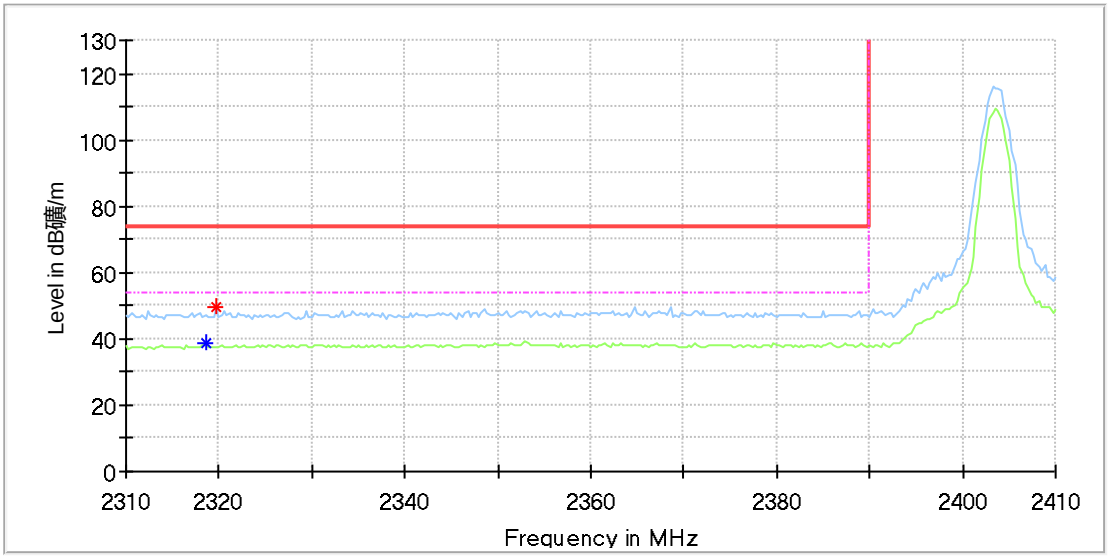
Appendix A.7: Test Results of Radiated Emissions in Restricted Bands

2.4GHz SDR, 1.4MHz BW

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

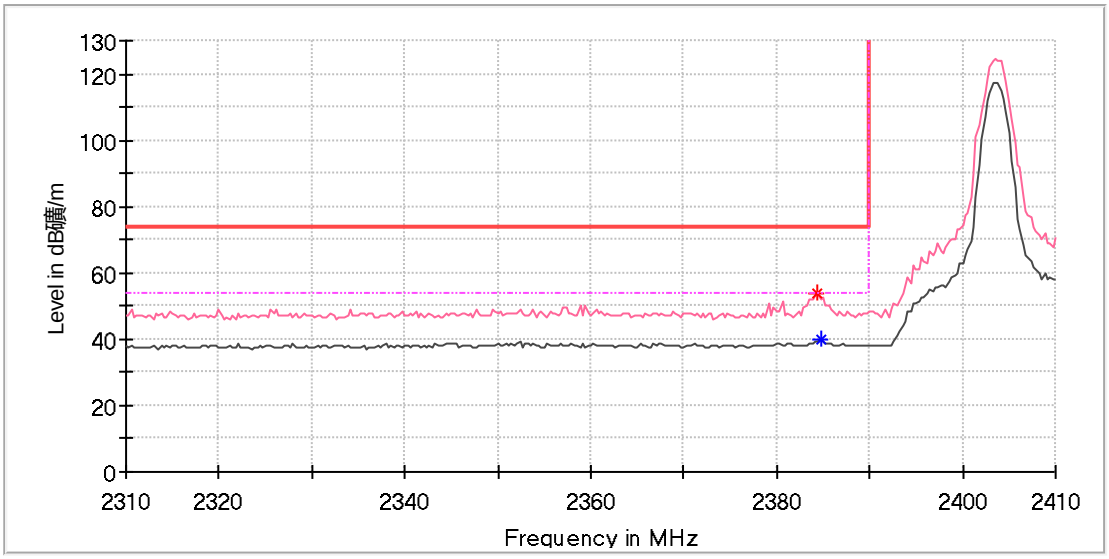
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2318.529412	---	38.48	54.00	15.52	150.0	H	68.0	6.6
2319.705882	49.50	---	74.00	24.50	150.0	H	137.0	6.6

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

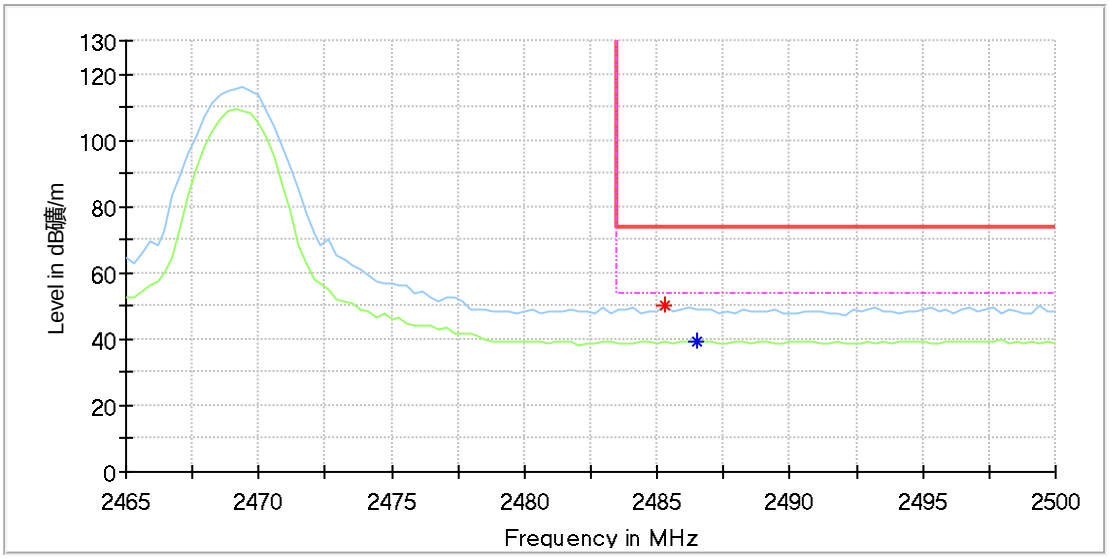
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2384.411765	53.83	---	74.00	20.17	150.0	V	338.0	7.0
2384.705882	---	39.86	54.00	14.14	150.0	V	205.0	7.0

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2469.12MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

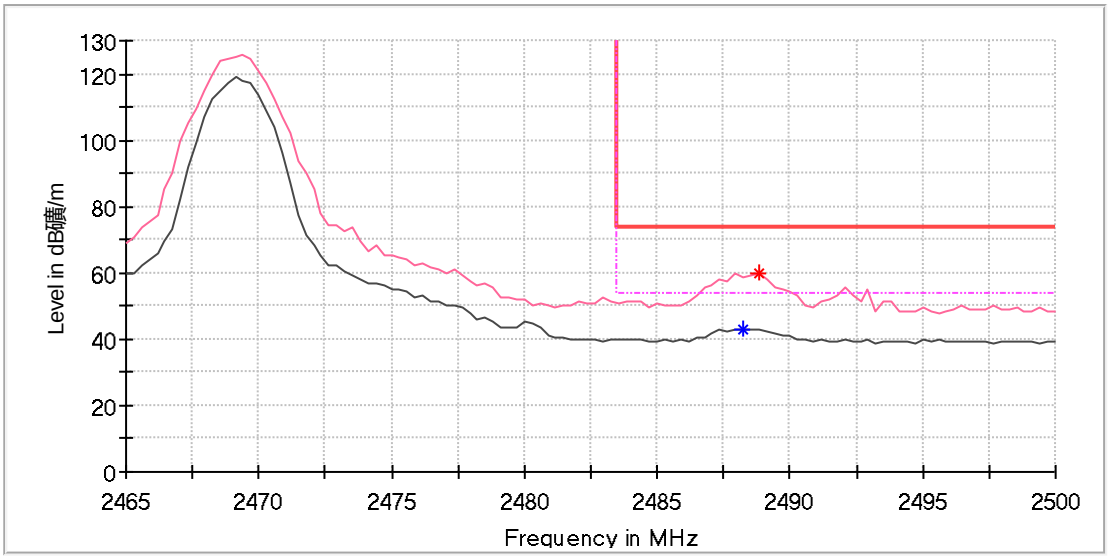
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.294118	50.21	---	74.00	23.79	150.0	H	109.0	7.4
2486.470588	---	39.53	54.00	14.47	150.0	H	237.0	7.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_1.4M_2469.12MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2488.235294	---	43.17	54.00	10.83	150.0	V	172.0	7.4
2488.823529	59.69	---	74.00	14.31	150.0	V	159.0	7.4

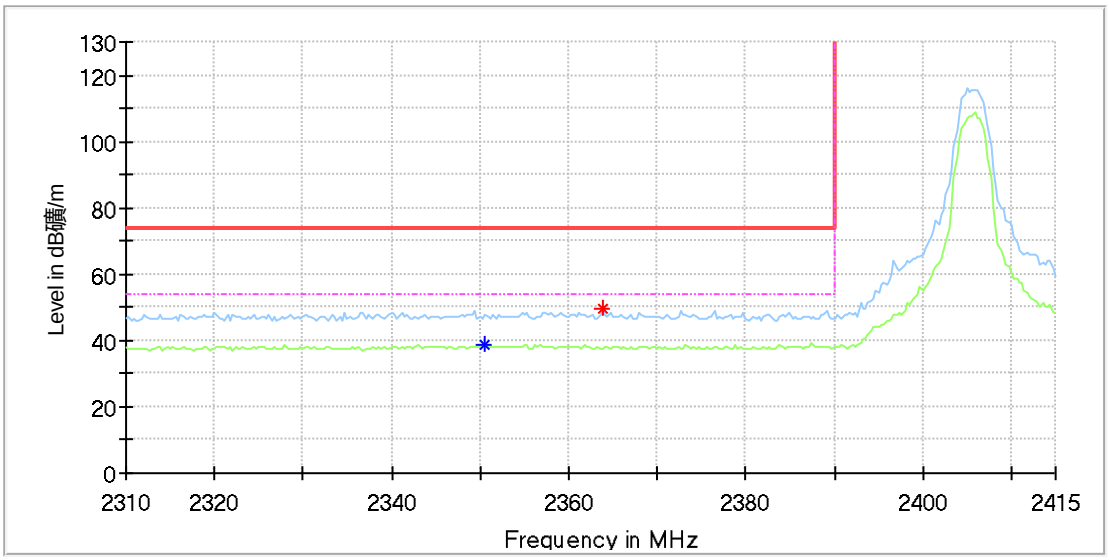
Final_Result

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

2.4GHz SDR, 3MHz BW

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2405.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

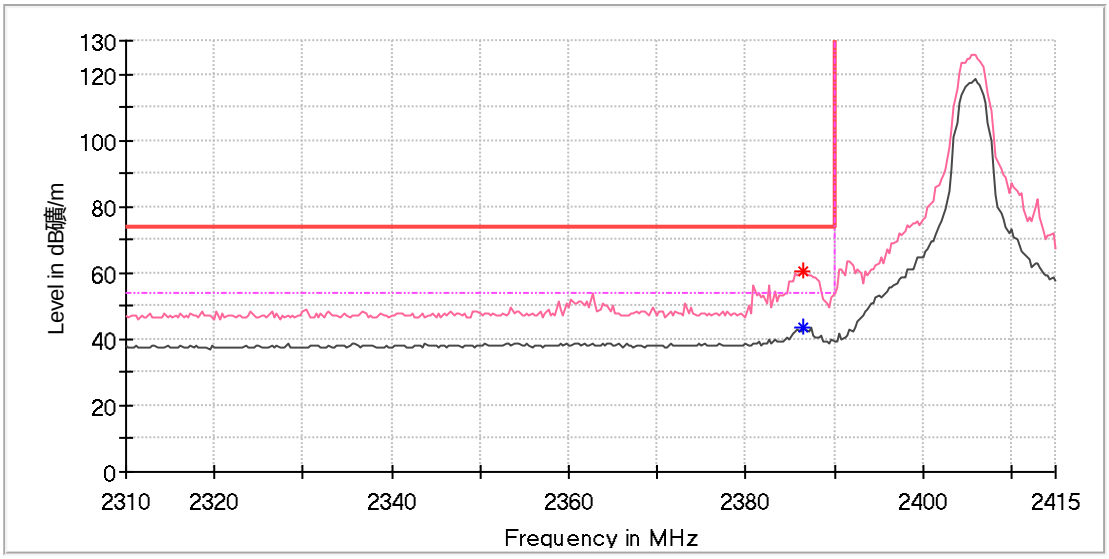
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.588235	---	38.77	54.00	15.23	150.0	H	220.0	6.9
2363.823529	49.62	---	74.00	24.38	150.0	H	128.0	6.9

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2405.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

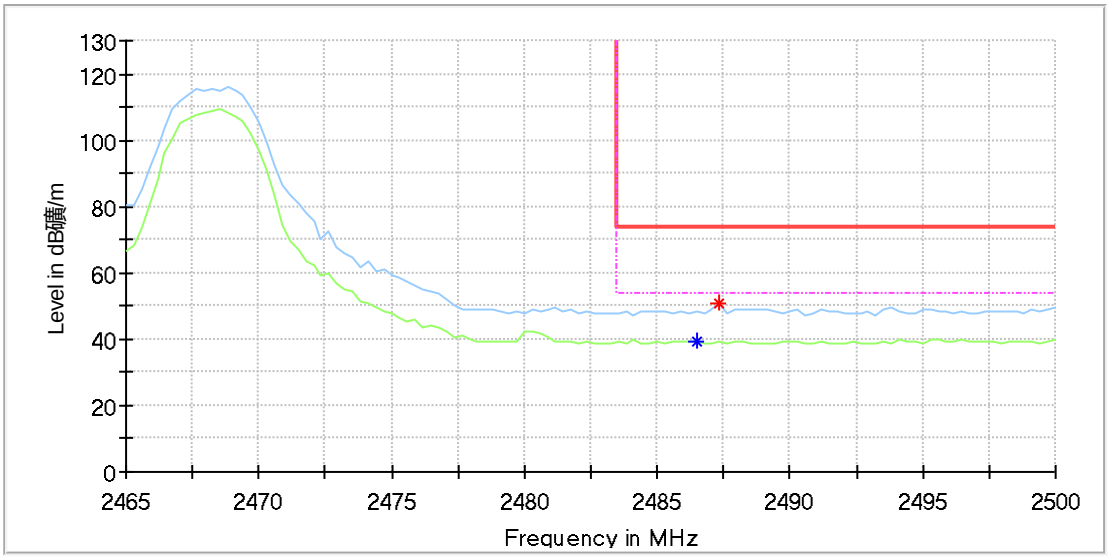
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	60.24	---	74.00	13.76	150.0	V	182.0	7.0
2386.470588	---	43.31	54.00	10.69	150.0	V	182.0	7.0

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2468.2MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

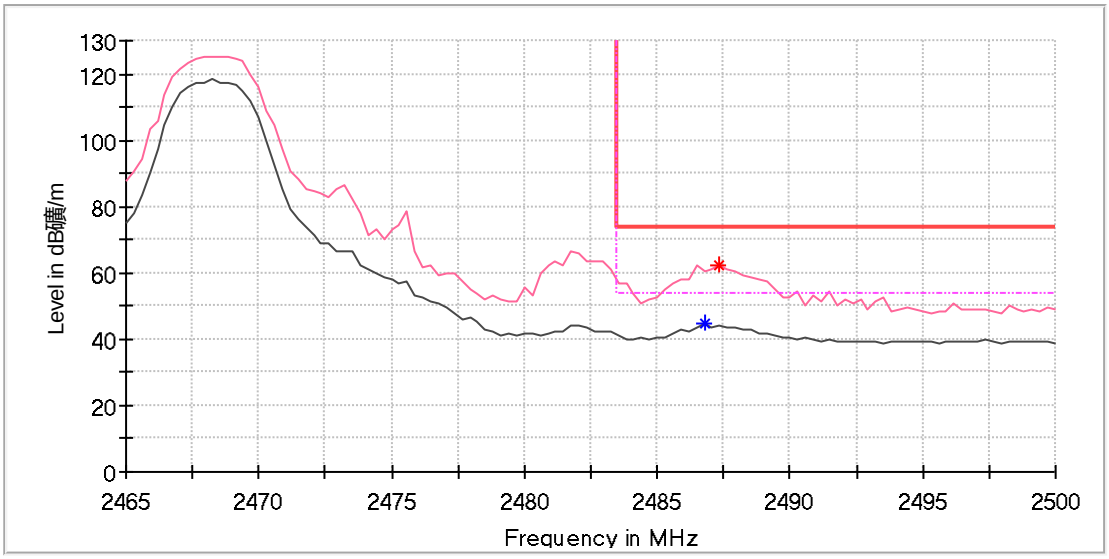
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.470588	---	39.50	54.00	14.50	150.0	H	167.0	7.4
2487.352941	50.51	---	74.00	23.49	150.0	H	122.0	7.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_3M_2468.2MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2486.764706	---	44.79	54.00	9.21	150.0	V	179.0	7.4
2487.352941	62.52	---	74.00	11.48	150.0	V	164.0	7.4

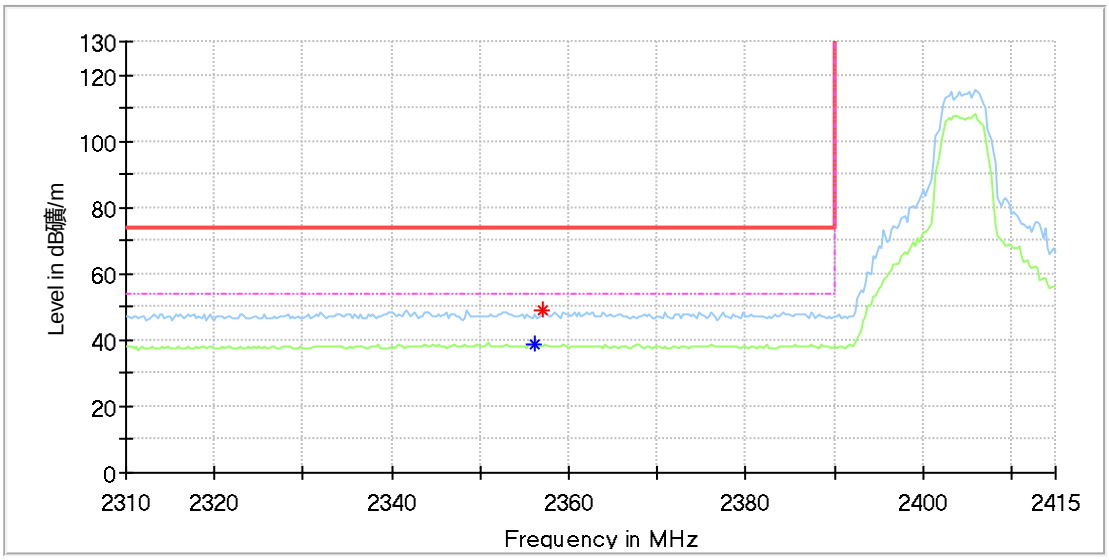
Final_Result

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

2.4GHz SDR, 5MHz BW

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2404.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

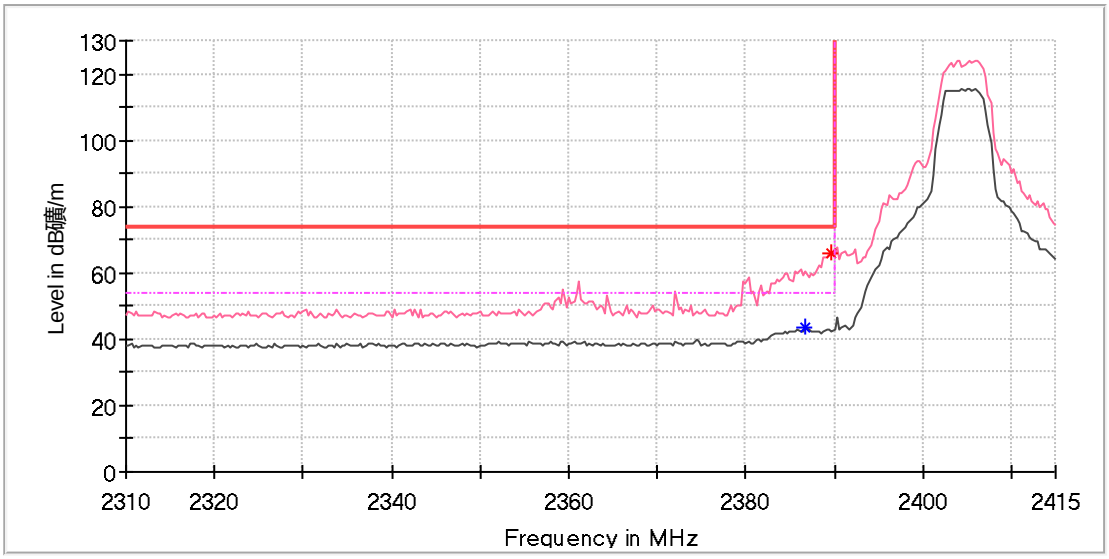
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2356.176471	---	38.81	54.00	15.19	150.0	H	58.0	6.9
2357.058824	49.03	---	74.00	24.97	150.0	H	93.0	6.9

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2404.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

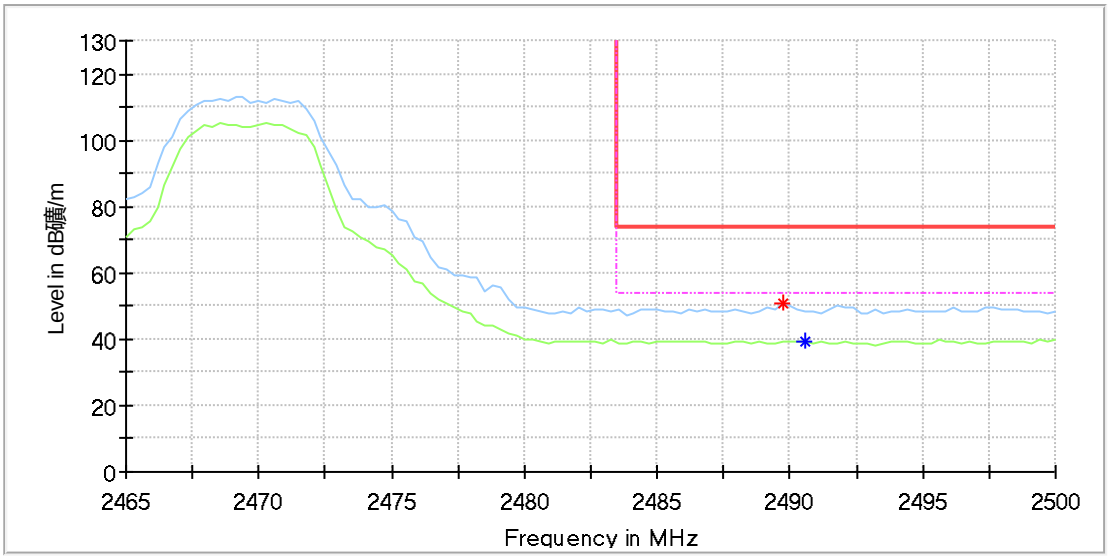
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.764706	---	43.49	54.00	10.51	150.0	V	358.0	7.0
2389.705882	66.21	---	74.00	7.79	150.0	V	358.0	7.0

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2469.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

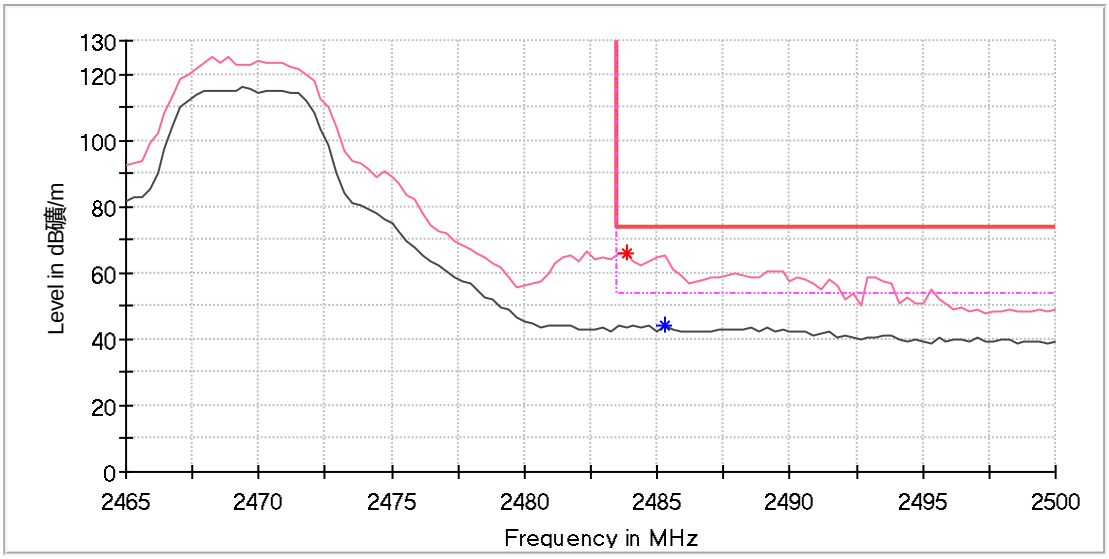
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2489.705882	50.78	---	74.00	23.22	150.0	H	350.0	7.4
2490.588235	---	39.54	54.00	14.46	150.0	H	224.0	7.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_5M_2469.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2483.823529	65.97	---	74.00	8.03	150.0	V	12.0	7.4
2485.294118	---	44.27	54.00	9.73	150.0	V	12.0	7.4

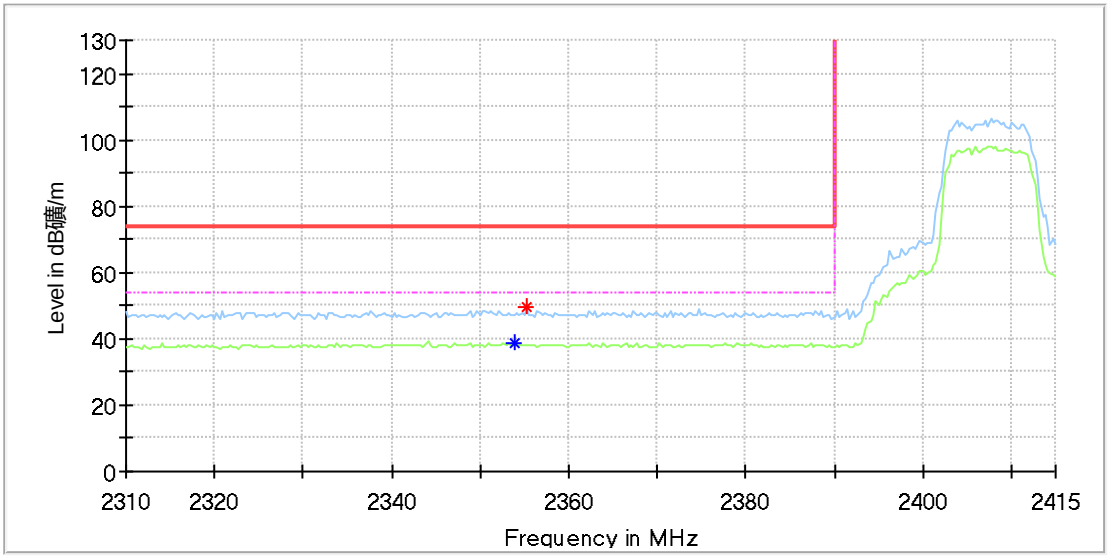
Final_Result

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

2.4GHz SDR, 10MHz BW

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2407.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

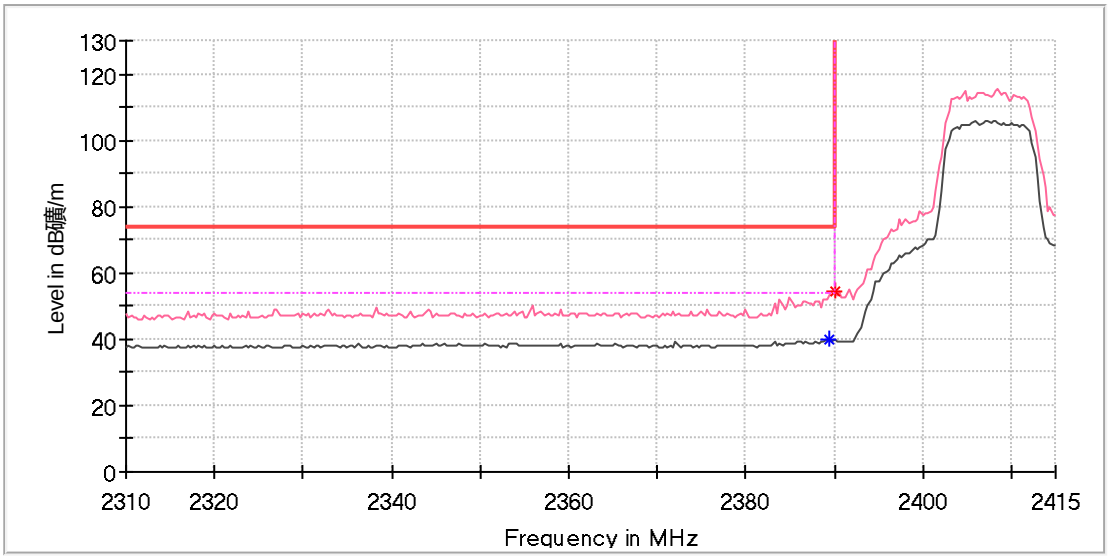
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2353.823529	---	38.71	54.00	15.29	150.0	H	200.0	6.9
2355.294118	49.33	---	74.00	24.67	150.0	H	358.0	6.9

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2407.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

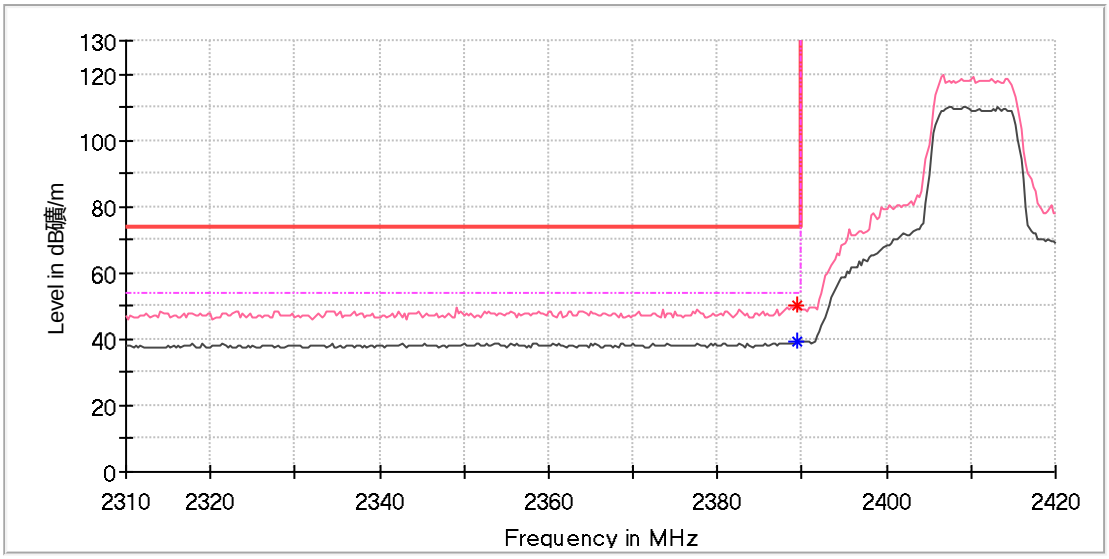
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	40.18	54.00	13.82	150.0	V	0.0	7.0
2390.000000	54.61	---	74.00	19.39	150.0	V	0.0	7.0

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2410.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

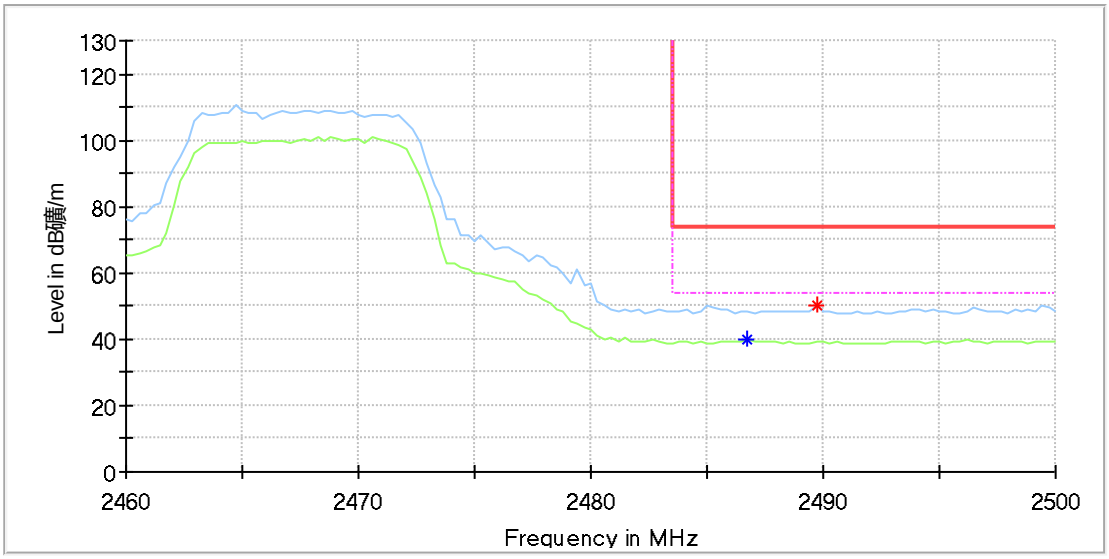
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	39.08	54.00	14.92	150.0	V	350.0	7.0
2389.411765	50.24	---	74.00	23.76	150.0	V	350.0	7.0

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2467.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

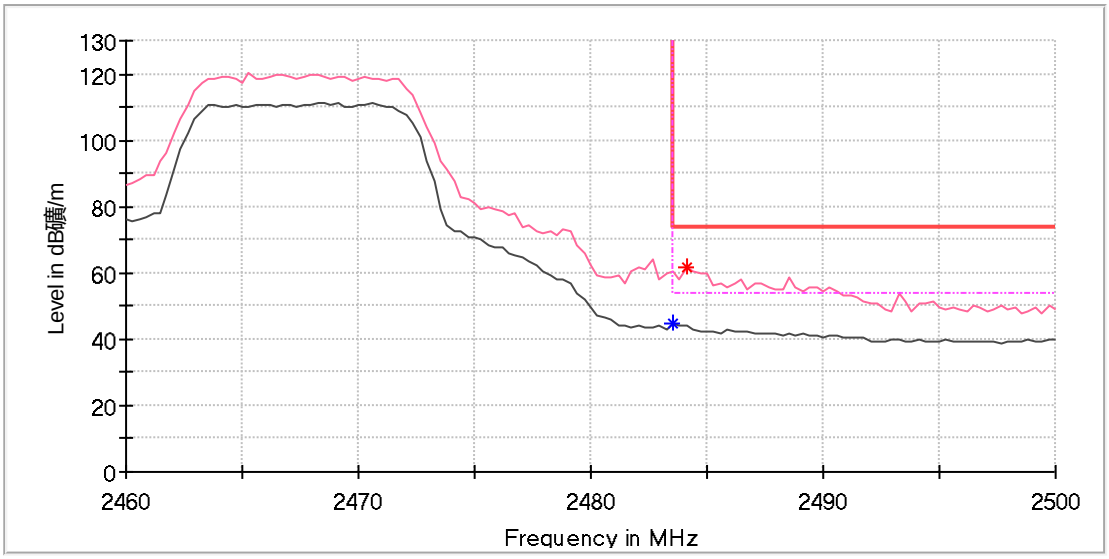
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.764706	---	39.69	54.00	14.31	150.0	H	208.0	7.4
2489.705882	50.22	---	74.00	23.78	150.0	H	208.0	7.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_10M_2467.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2483.529412	---	44.56	54.00	9.44	150.0	V	0.0	7.4
2484.117647	61.69	---	74.00	12.31	150.0	V	7.0	7.4

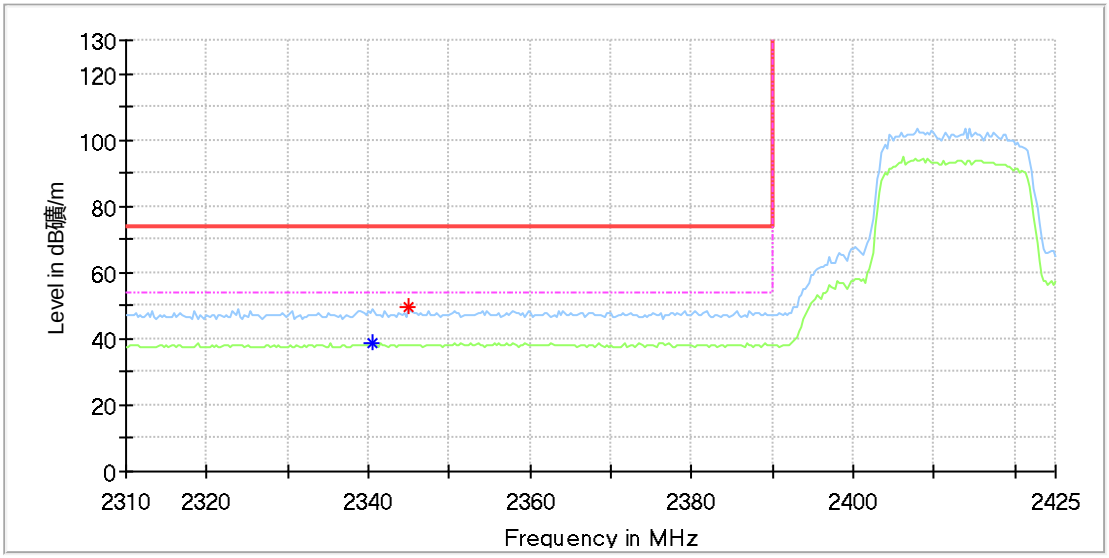
Final_Result

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

2.4GHz SDR, 20MHz BW

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2412.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

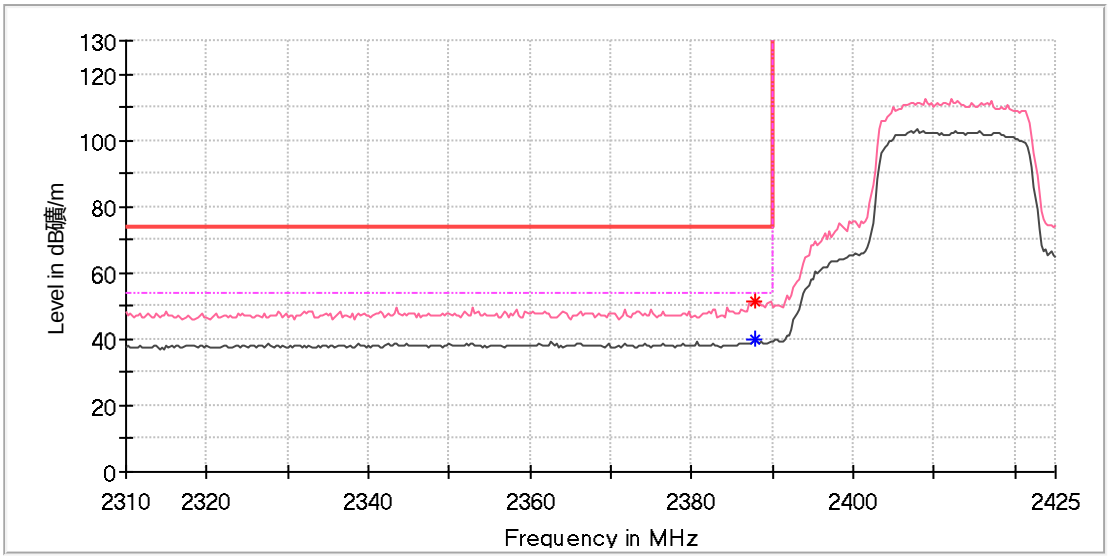
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2340.588235	---	38.75	54.00	15.25	150.0	H	290.0	6.8
2345.000000	49.35	---	74.00	24.65	150.0	H	38.0	6.9

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2412.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2387.941177	---	39.64	54.00	14.36	150.0	V	89.0	7.0
2387.941177	51.38	---	74.00	22.62	150.0	V	89.0	7.0

Final_Result

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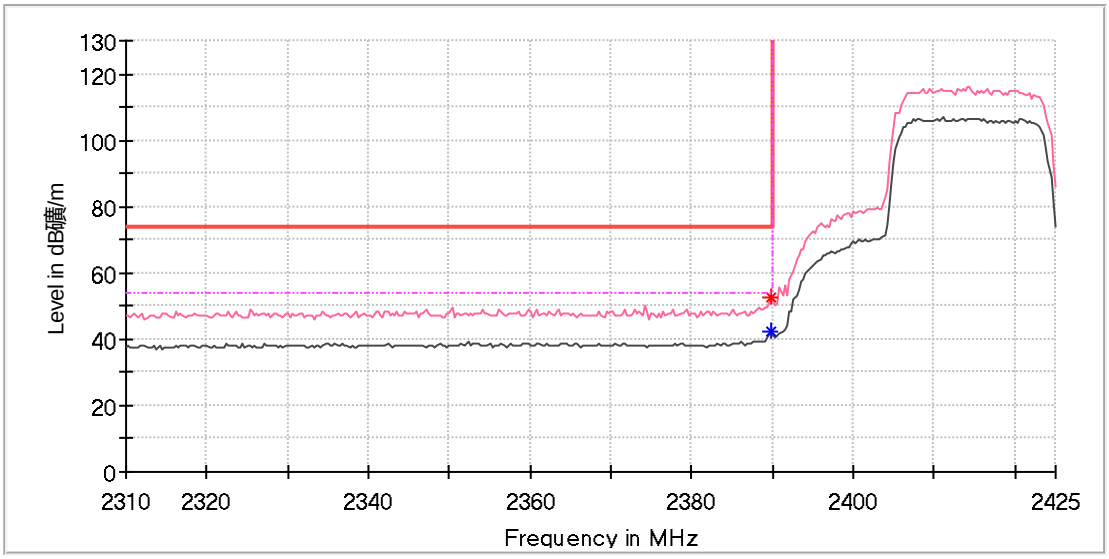
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2414.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2389.705882	52.48	---	74.00	21.52	150.0	V	1.0	7.0
2389.705882	---	42.06	54.00	11.94	150.0	V	1.0	7.0

Final_Result

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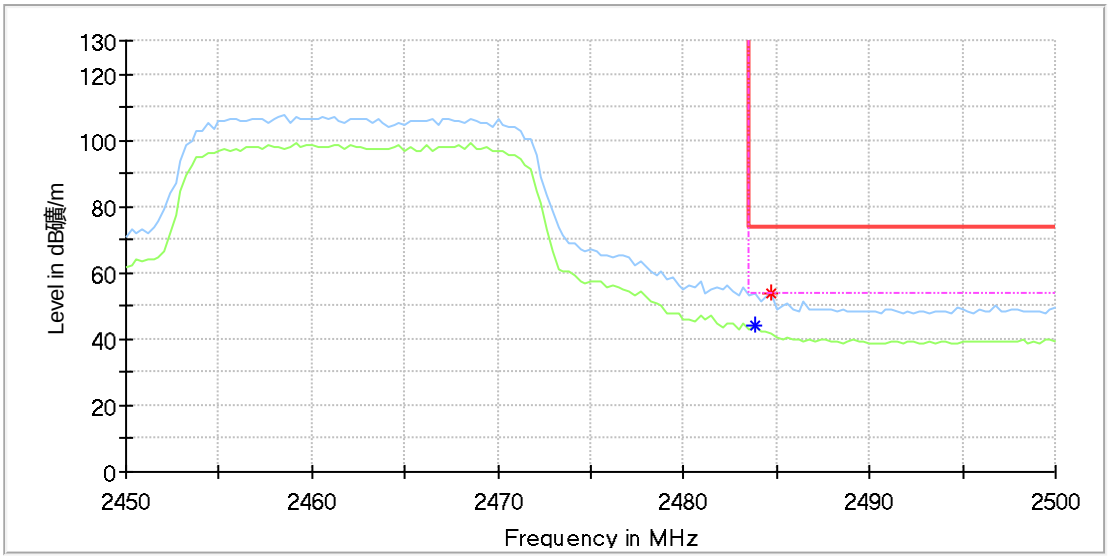
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2462.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

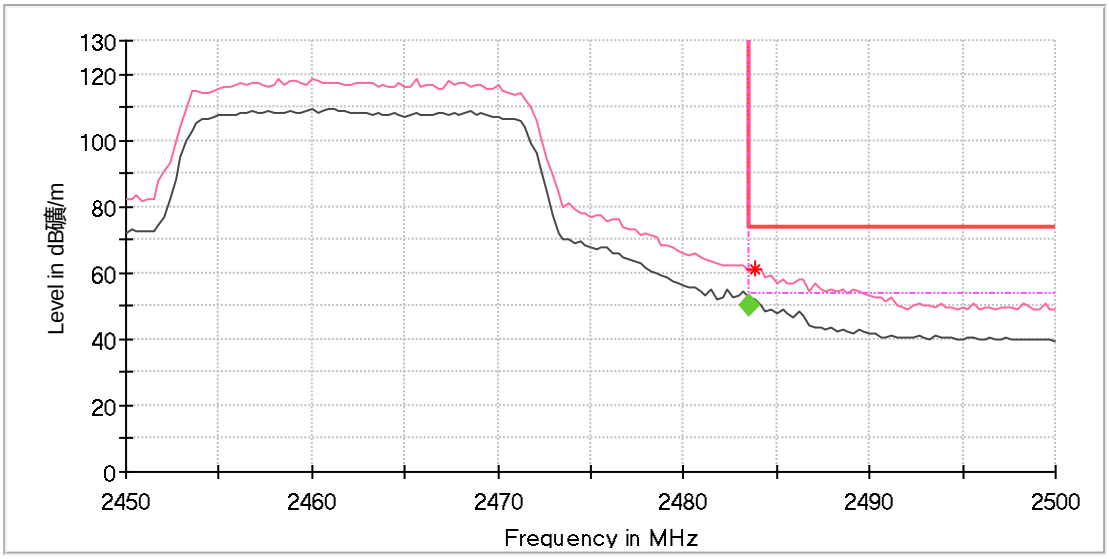
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	43.92	54.00	10.08	150.0	H	205.0	7.4
2484.705882	53.71	---	74.00	20.29	150.0	H	205.0	7.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_20M_2462.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2483.823529	60.93	---	74.00	13.07	150.0	V	174.0	7.4

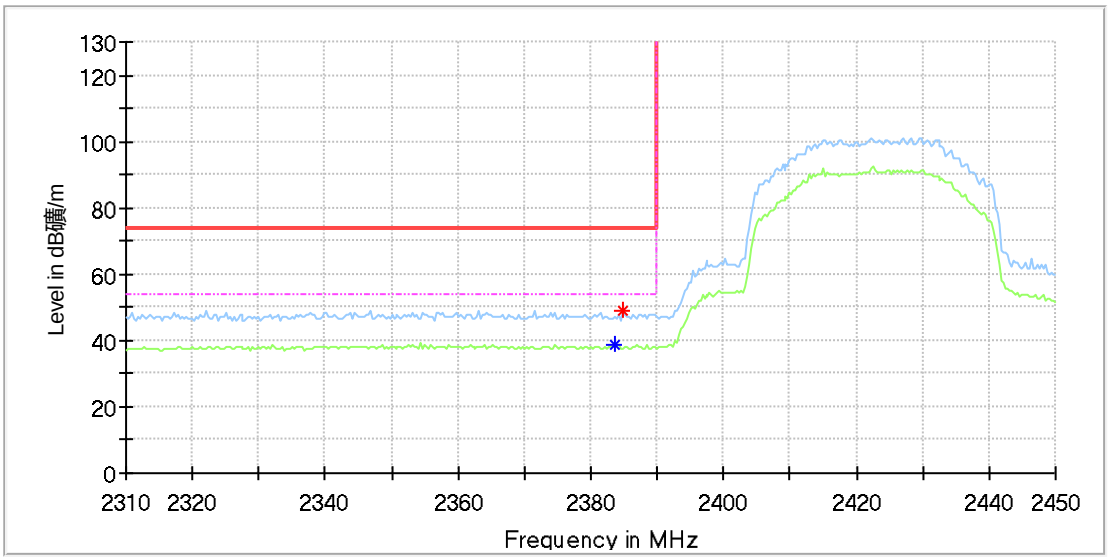
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	50.39	54.00	3.61	148.0	V	46.0	7.4

2.4GHz SDR, 40MHz BW

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2422.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2383.529412	---	38.65	54.00	15.35	150.0	H	149.0	7.0
2384.705882	49.13	---	74.00	24.87	150.0	H	97.0	7.0

Final_Result

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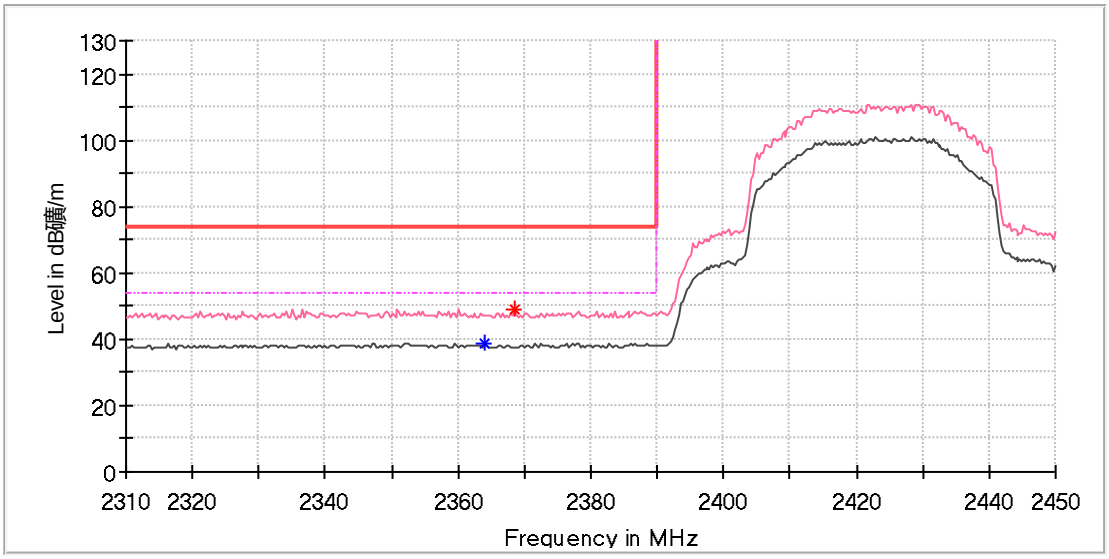
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2422.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

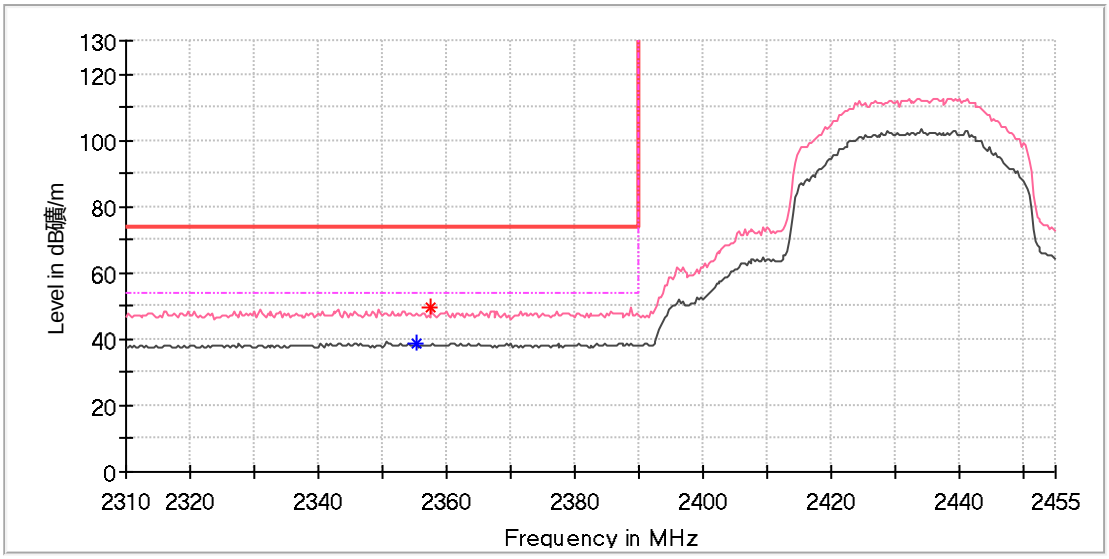
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2364.117647	---	38.41	54.00	15.59	150.0	V	83.0	6.9
2368.529412	49.15	---	74.00	24.85	150.0	V	19.0	6.9

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2432.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

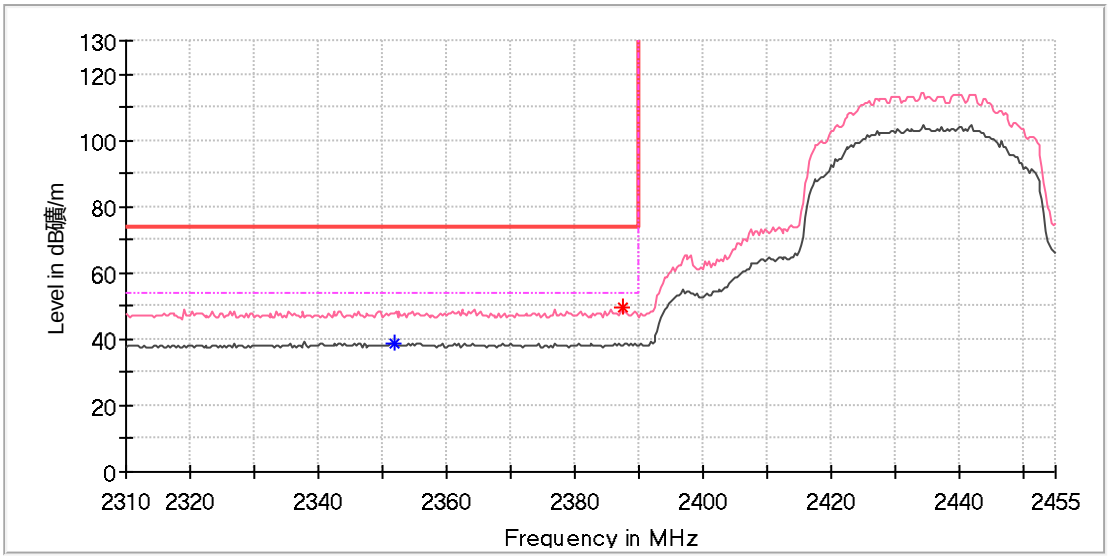
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2355.294118	---	38.88	54.00	15.12	150.0	V	243.0	6.9
2357.647059	49.82	---	74.00	24.18	150.0	V	0.0	6.9

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2434.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2351.764706	---	38.92	54.00	15.08	150.0	V	176.0	6.9
2387.352941	49.49	---	74.00	24.51	150.0	V	183.0	7.0

Final_Result

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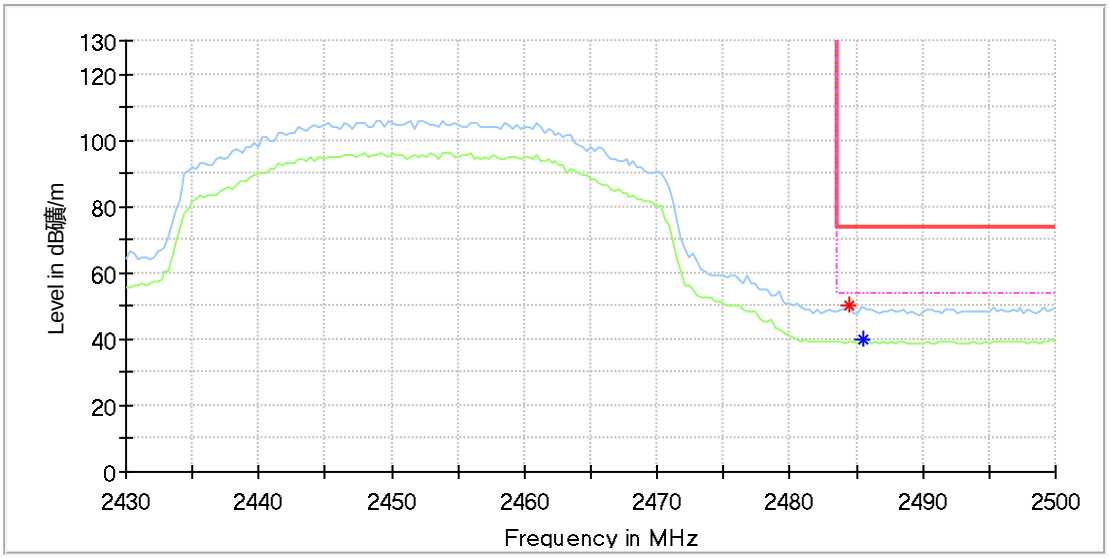
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2452.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2484.411765	49.91	---	74.00	24.09	150.0	H	79.0	7.4
2485.588235	---	40.18	54.00	13.82	150.0	H	109.0	7.4

Final_Result

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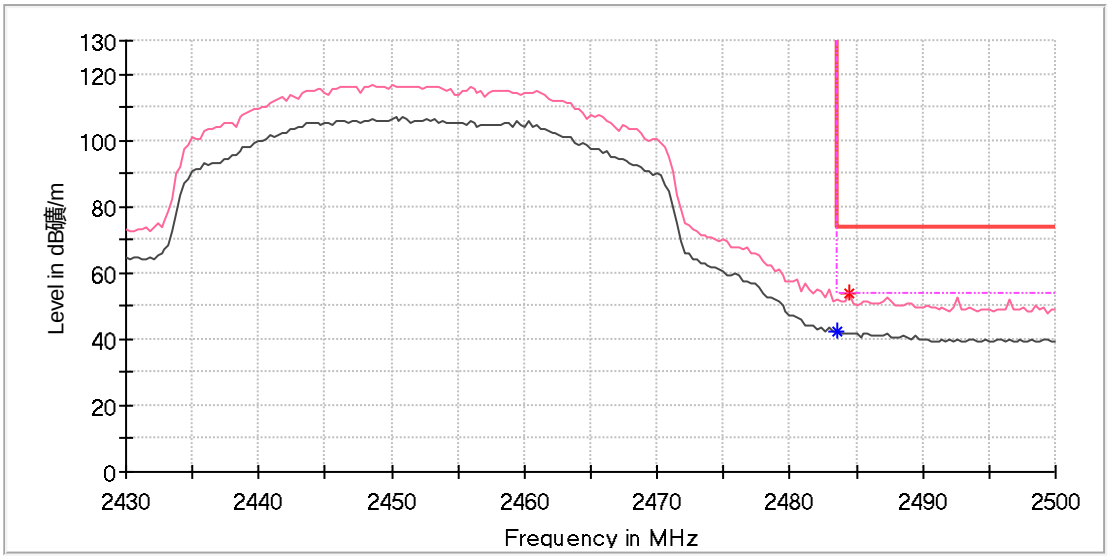
EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_40M_2452.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2483.529412	---	42.43	54.00	11.57	150.0	V	339.0	7.4
2484.411765	53.54	---	74.00	20.46	150.0	V	0.0	7.4

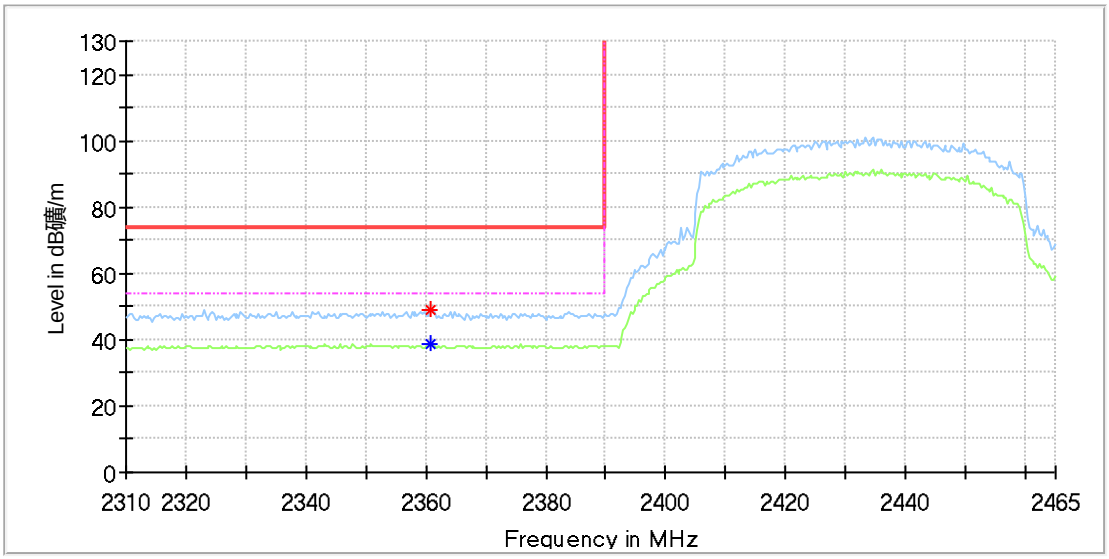
Final_Result

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

2.4GHz SDR, 60MHz BW

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2432.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

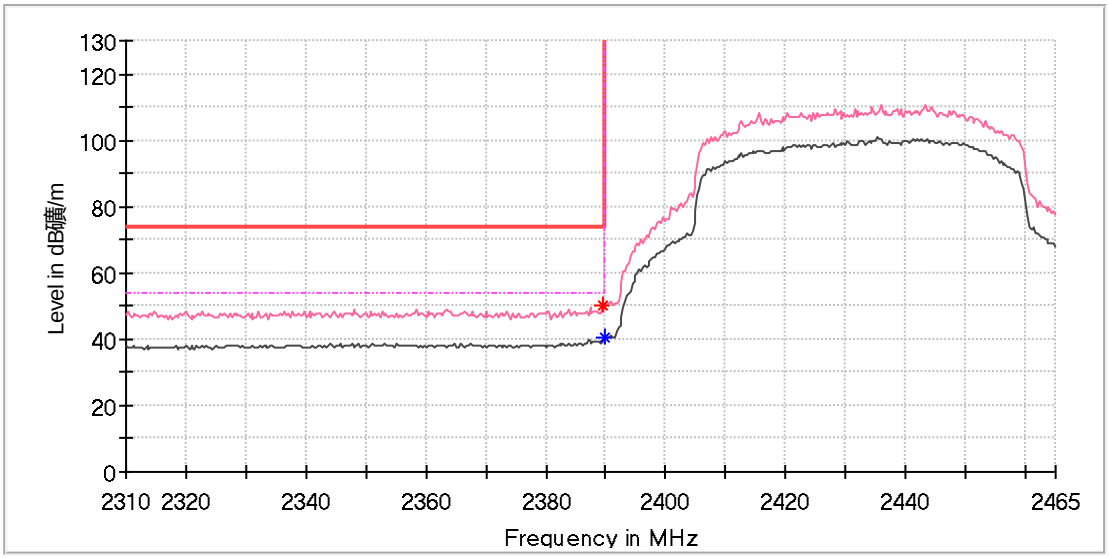
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2360.882353	---	38.45	54.00	15.55	150.0	H	3.0	6.9
2360.882353	48.92	---	74.00	25.08	150.0	H	3.0	6.9

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2432.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

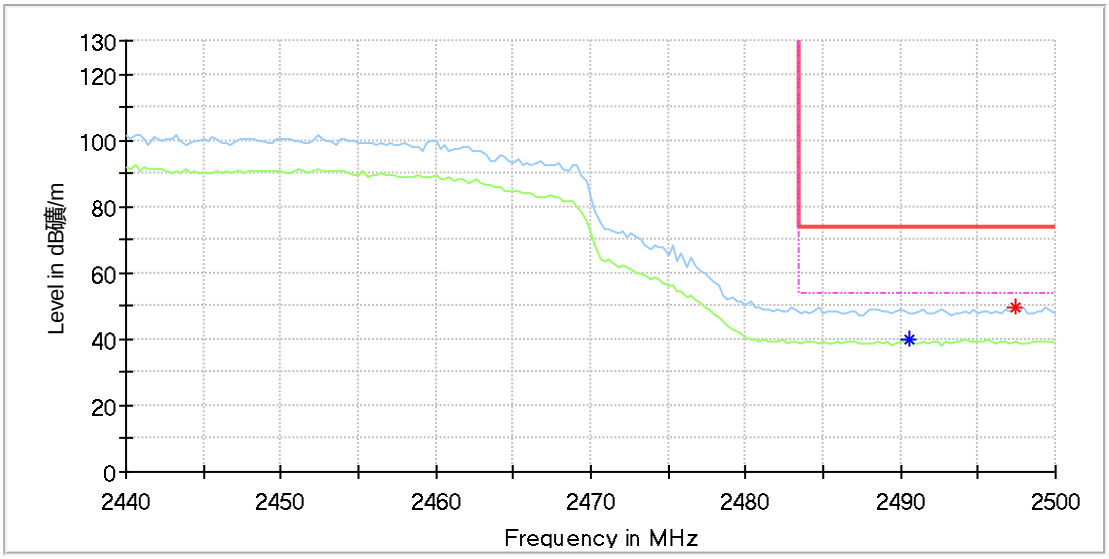
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	50.39	---	74.00	23.61	150.0	V	0.0	7.0
2389.705882	---	40.37	54.00	13.63	150.0	V	0.0	7.0

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2442.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

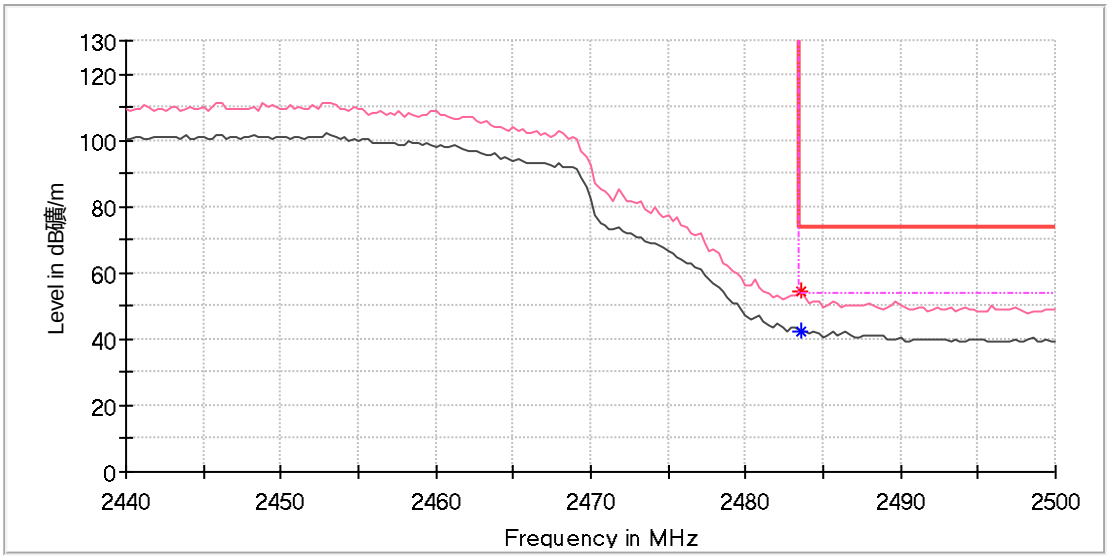
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2490.588235	---	39.70	54.00	14.30	150.0	H	238.0	7.4
2497.352941	49.54	---	74.00	24.46	150.0	H	219.0	7.4

Final_Result

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

EUT Information

EUT Name:	DJI O4 Relay
Model:	RL02-65
Test Mode:	SDR 2.4G_60M_2442.5MHz
Order No/Sample No:	168491194/A003754168-004
Test Voltage::	DC7.2V
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)
2483.529412	---	42.41	54.00	11.59	150.0	V	5.0	7.4
2483.529412	54.16	---	74.00	19.84	150.0	V	5.0	7.4

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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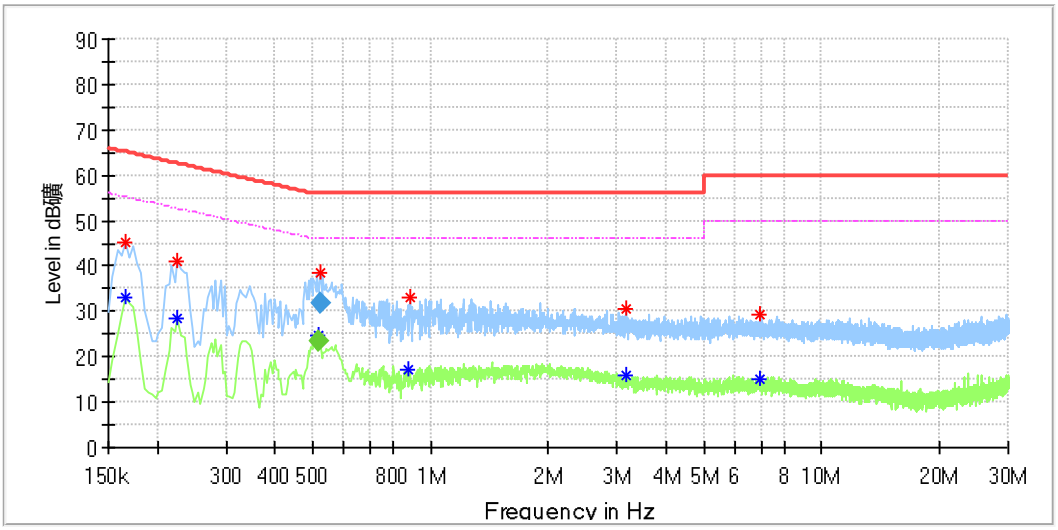
Appendix A.8: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	DJI O4 Relay
Order Number:	168491194(P01546832)
Model:	RL02-65
Test Mode:	The Product connected with Remoter controller and Aircraft via SDR wireless+ charged by adapter
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15C
Test By:/Review By:	Steve Lan/ Shower Dai
Tem./Hum./Pressure:	23.4°C/51.2%/101kPa
Remark:	SR2



Critical_Freqs

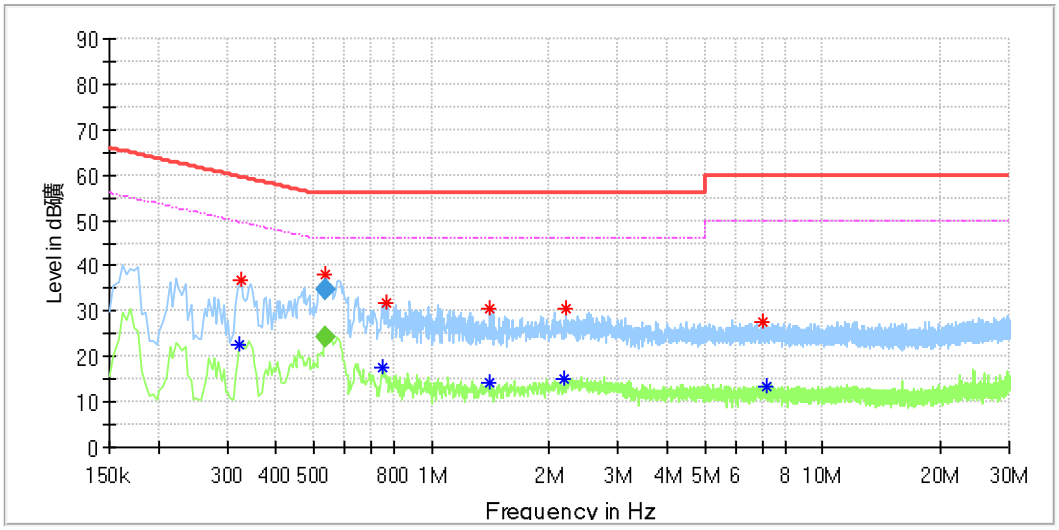
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.166000	---	32.91	55.16	22.24	L1	9.9
0.166000	45.33	---	65.16	19.82	L1	9.9
0.226000	---	28.42	52.60	24.17	L1	9.9
0.226000	40.98	---	62.60	21.61	L1	9.9
0.517500	---	24.53	46.00	21.47	L1	10.0
0.521500	38.39	---	56.00	17.61	L1	10.0
0.878000	---	17.18	46.00	28.82	L1	10.0
0.886000	33.18	---	56.00	22.82	L1	10.0
3.146000	---	15.76	46.00	30.24	L1	10.2
3.174000	30.54	---	56.00	25.46	L1	10.2
6.978000	---	15.12	50.00	34.88	L1	10.3
6.982000	29.27	---	60.00	30.73	L1	10.3

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.517500	---	23.30	46.00	22.70	1000.0	9.000	L1	10.0
0.521500	31.86	---	56.00	24.14	1000.0	9.000	L1	10.0

EUT Information

EUT Name:	DJI O4 Relay
Order Number:	168491194(P01546832)
Model:	RL02-65
Test Mode:	The Product connected with Remoter controller and Aircraft via SDR wireless+ charged by adapter
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15C
Test By:/Review By:	Steve Lan/ Shower Dai
Tem./Hum./Pressure:	23.4°C/51.2%/101kPa
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.322000	---	22.69	49.66	26.96	N	9.8
0.326000	36.66	---	59.55	22.89	N	9.8
0.537500	---	24.53	46.00	21.47	N	9.8
0.537500	38.15	---	56.00	17.85	N	9.8
0.746000	---	17.50	46.00	28.50	N	9.8
0.766000	31.81	---	56.00	24.19	N	9.8
1.406000	---	14.07	46.00	31.93	N	9.8
1.410000	30.54	---	56.00	25.46	N	9.8
2.194000	---	15.10	46.00	30.90	N	9.9
2.202000	30.53	---	56.00	25.47	N	9.9
7.058000	27.70	---	60.00	32.30	N	10.0
7.214000	---	13.59	50.00	36.41	N	10.0

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.537500	---	24.35	46.00	21.65	1000.0	9.000	N	9.8
0.537500	34.68	---	56.00	21.32	1000.0	9.000	N	9.8