Appendix A: Test Results of 5.2G, 5.3G, 5.6G SDR

APPENDIX A: TEST RESULTS OF 5.2G, 5.3G, 5.6G SDR **1**
APPENDIX A.1: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS 2
30MHz - 1GHz (Worst case) *2*
1GHz - 18GHz *8*

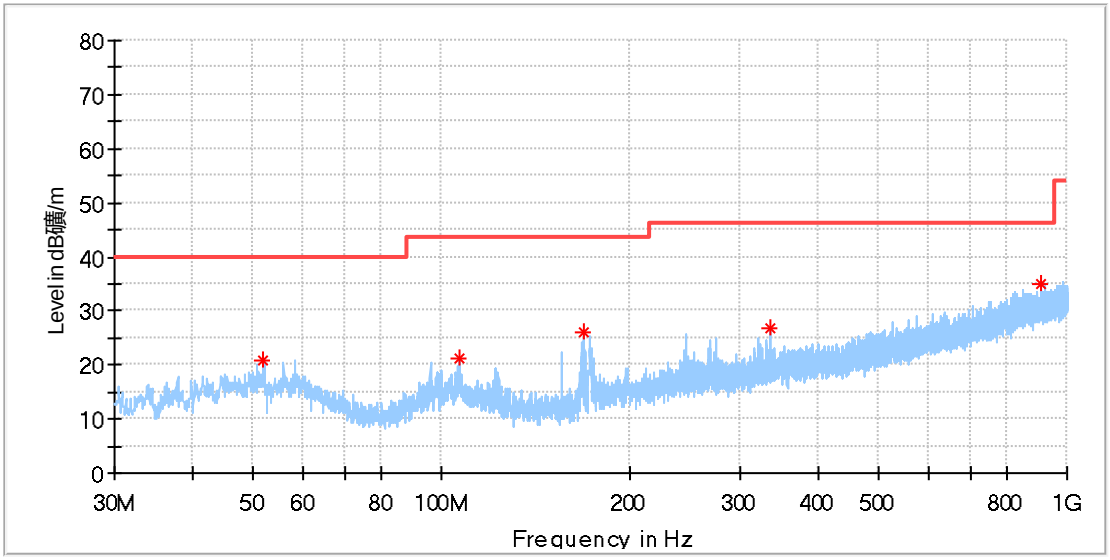
Appendix A.1: Test Results of Radiated Spurious Emissions

Note:1, Testing is carried out with frequency rang 9kHz to the tenth harmonics.
2, The margin is greater than 20 dB are not shown in this Appendix.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	DJI VIDEO TRANSMITTER Video Transmitter
Model:	TX3
Test Mode:	5.2G_20M_5180MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.970500	20.94	40.00	19.06	100.0	H	324.0	-18.4
106.484500	21.30	43.50	22.20	100.0	H	0.0	-18.8
168.225000	25.87	43.50	17.63	100.0	H	15.0	-21.3
335.259000	26.89	46.00	19.11	100.0	H	220.0	-15.2
911.293500	35.10	46.00	10.90	100.0	H	336.0	-4.9

Final_Result

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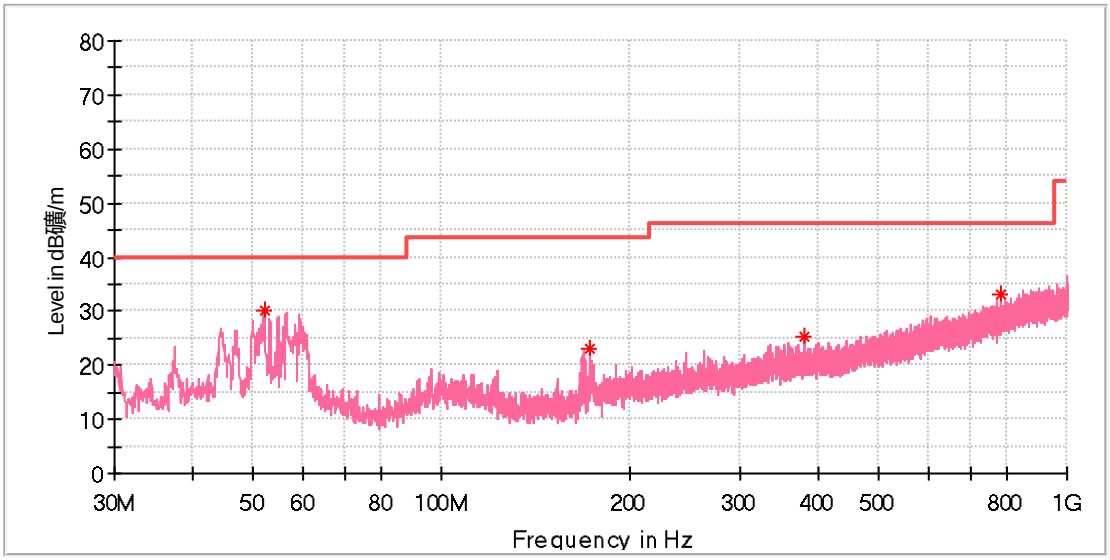
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER Video Transmitter
Model:	TX3
Test Mode:	5.2G_20M_5180MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
52.019000	30.29	40.00	9.71	100.0	V	320.0	-18.4
172.832500	23.19	43.50	20.31	100.0	V	256.0	-21.0
380.703500	25.16	46.00	20.84	100.0	V	83.0	-14.2
783.738500	33.26	46.00	12.74	100.0	V	354.0	-6.6

Final_Result

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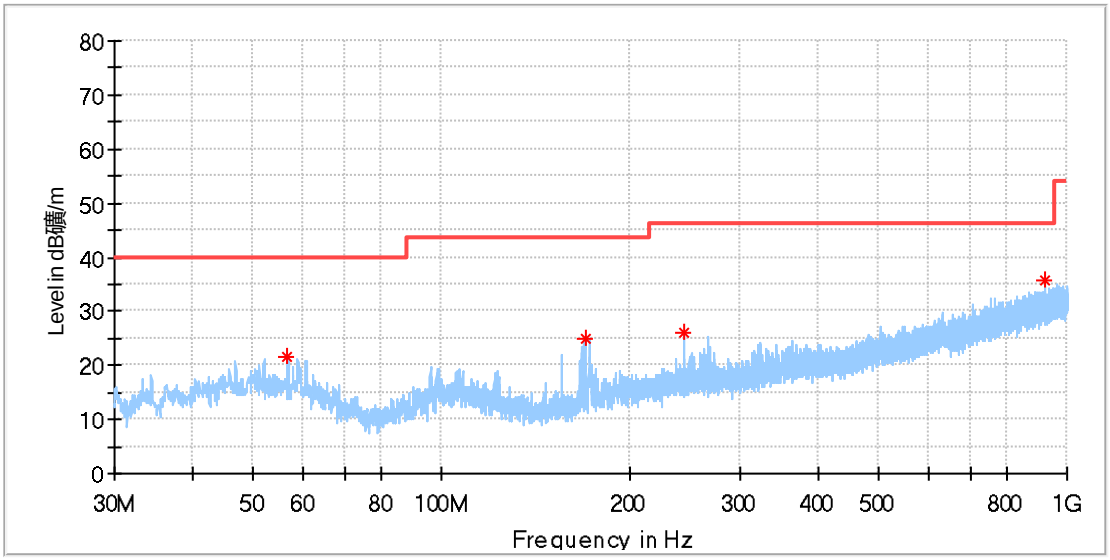
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER Video Transmitter
Model:	TX3
Test Mode:	5.3G_20M_5260MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
56.772000	21.43	40.00	18.57	100.0	H	324.0	-18.6
169.583000	25.11	43.50	18.39	100.0	H	30.0	-21.2
243.933500	26.17	46.00	19.83	100.0	H	221.0	-17.6
920.508500	35.84	46.00	10.16	100.0	H	131.0	-4.8

Final_Result

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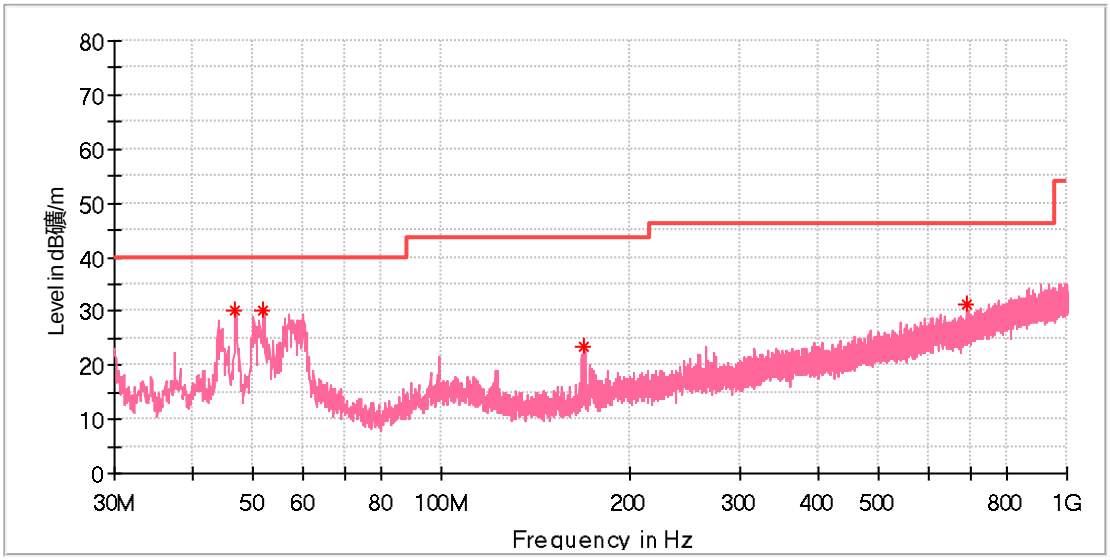
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER Video Transmitter
Model:	TX3
Test Mode:	5.3G_20M_5260MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.878000	30.06	40.00	9.94	100.0	V	165.0	-18.5
51.970500	30.26	40.00	9.74	100.0	V	290.0	-18.4
169.389000	23.27	43.50	20.23	100.0	V	142.0	-21.2
692.607000	31.13	46.00	14.87	100.0	V	200.0	-8.2

Final_Result

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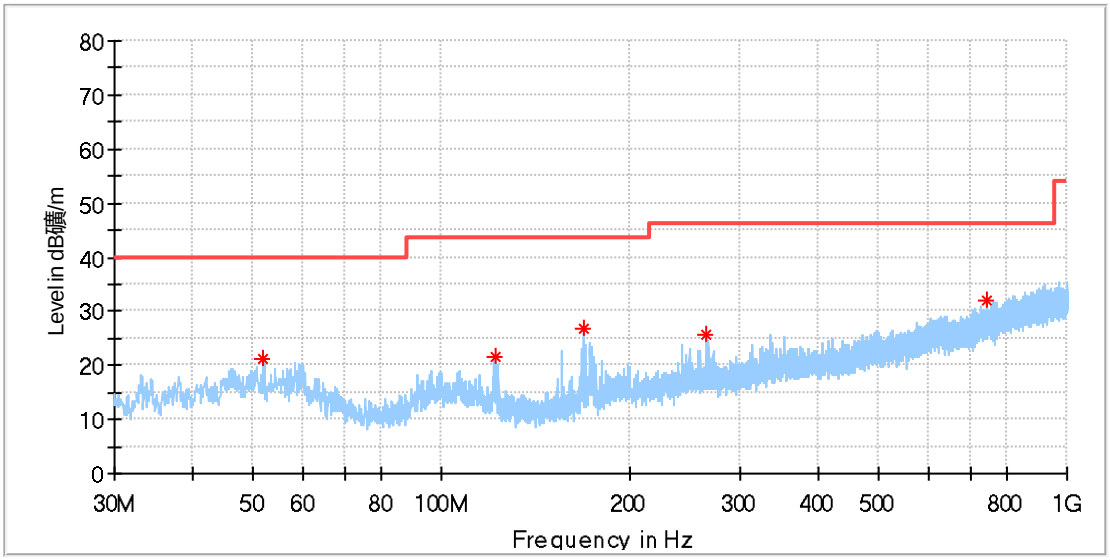
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER Video Transmitter
Model:	TX3
Test Mode:	5.6G_20M_5500MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.970500	21.33	40.00	18.67	100.0	H	0.0	-18.4
121.568000	21.63	43.50	21.87	100.0	H	358.0	-21.0
169.195000	26.78	43.50	16.72	100.0	H	14.0	-21.2
265.613000	25.64	46.00	20.36	100.0	H	230.0	-17.0
743.338000	31.83	46.00	14.17	100.0	H	7.0	-7.3

Final_Result

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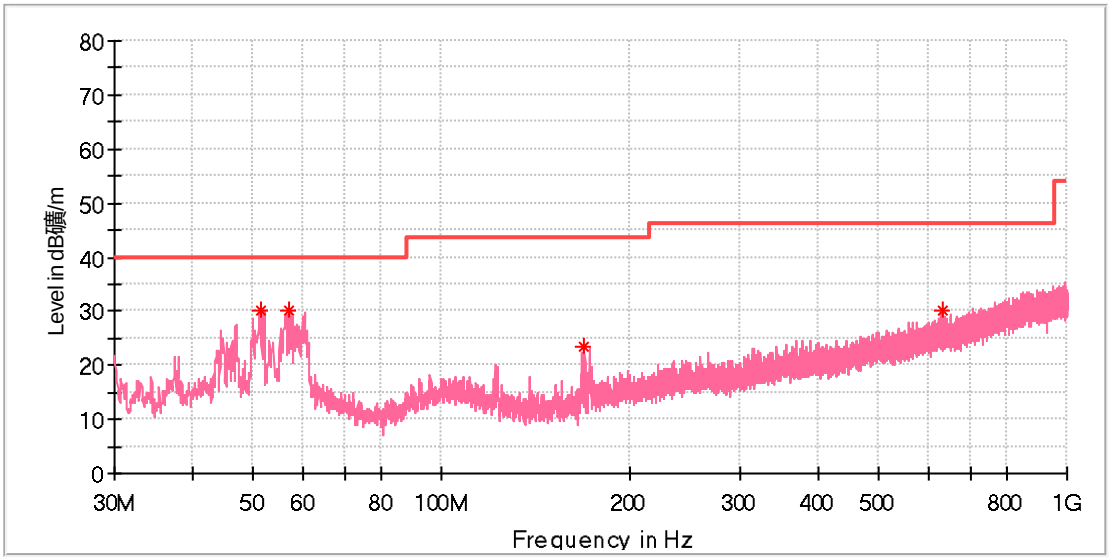
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER Video Transmitter
Model:	TX3
Test Mode:	5.6G_20M_5500MHz
Order No/Sample No:	168334440/A003167437-010
Test Voltage::	Full Battery
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.340000	30.32	40.00	9.68	100.0	V	75.0	-18.3
57.208500	30.31	40.00	9.69	100.0	V	43.0	-18.7
169.340500	23.51	43.50	19.99	100.0	V	58.0	-21.2
631.642500	30.32	46.00	15.68	100.0	V	198.0	-9.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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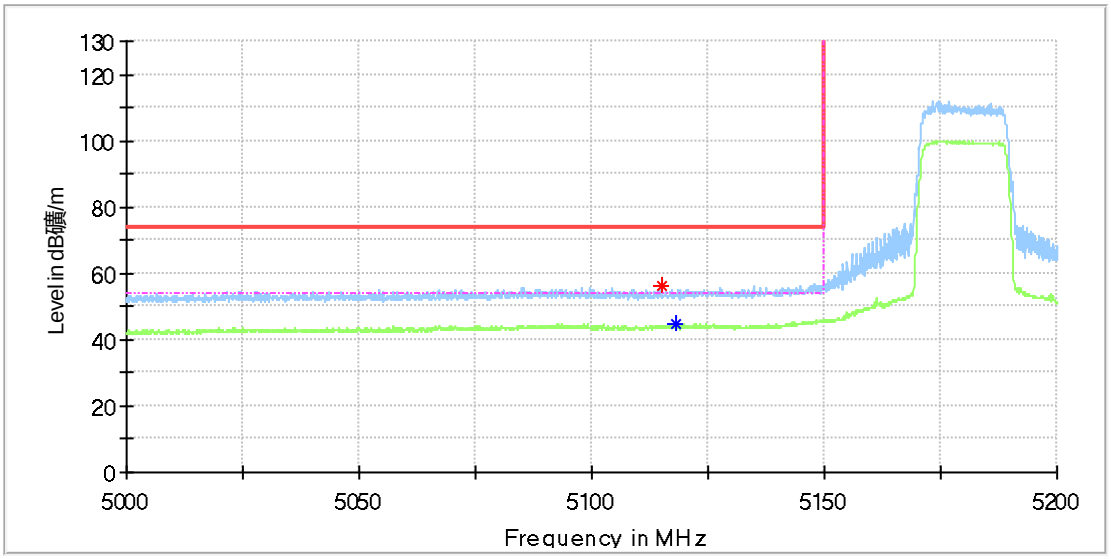
1GHz - 18GHz

Note: The highest waveform in the figure is 5.2G/5.3G/5.6G SDR Fundamental.

EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_20M_5180MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5115.188889	56.17	---	74.00	17.83	100.0	H	179.0	12.3
5118.144445	---	44.59	54.00	9.41	100.0	H	160.0	12.3

Final_Result

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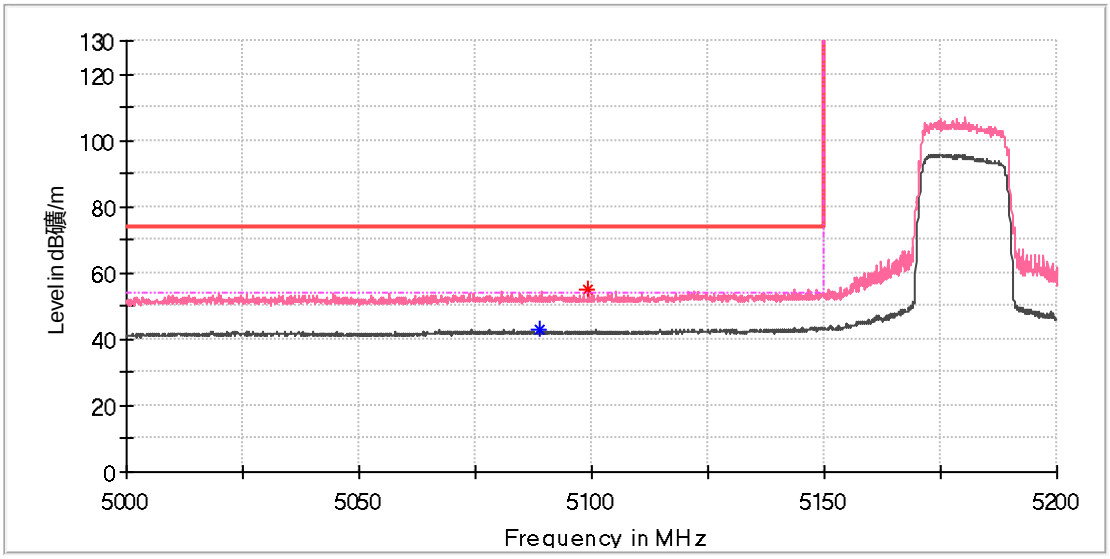
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_20M_5180MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5088.588889	---	42.73	54.00	11.27	100.0	V	264.0	12.2
5099.322222	54.90	---	74.00	19.10	100.0	V	291.0	12.2

Final_Result

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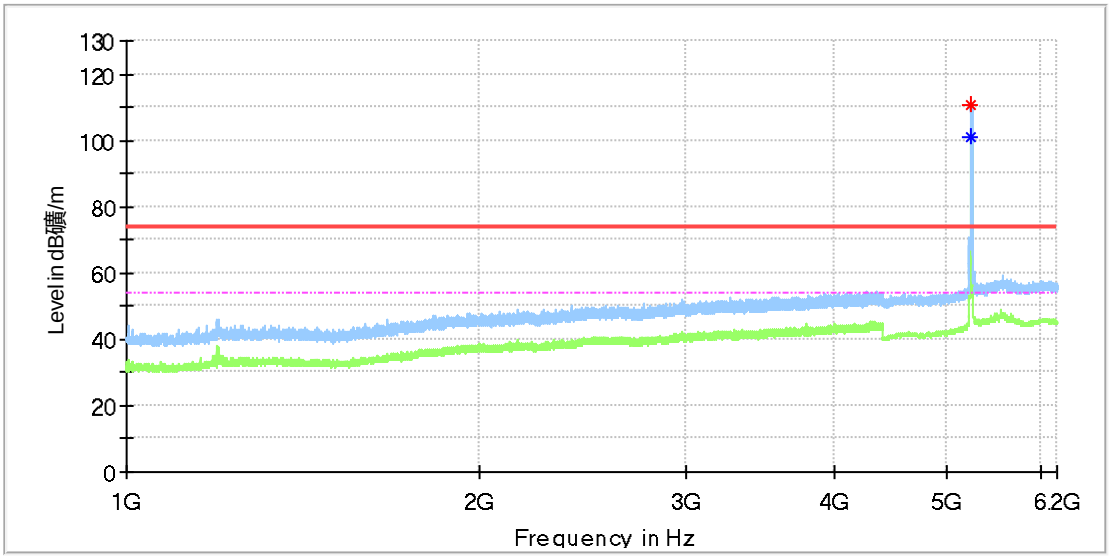
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5238.000000	---	100.76	54.00	-46.76	100.0	H	354.0	12.8
5239.000000	110.91	---	74.00	-36.91	100.0	H	354.0	12.8

Final_Result

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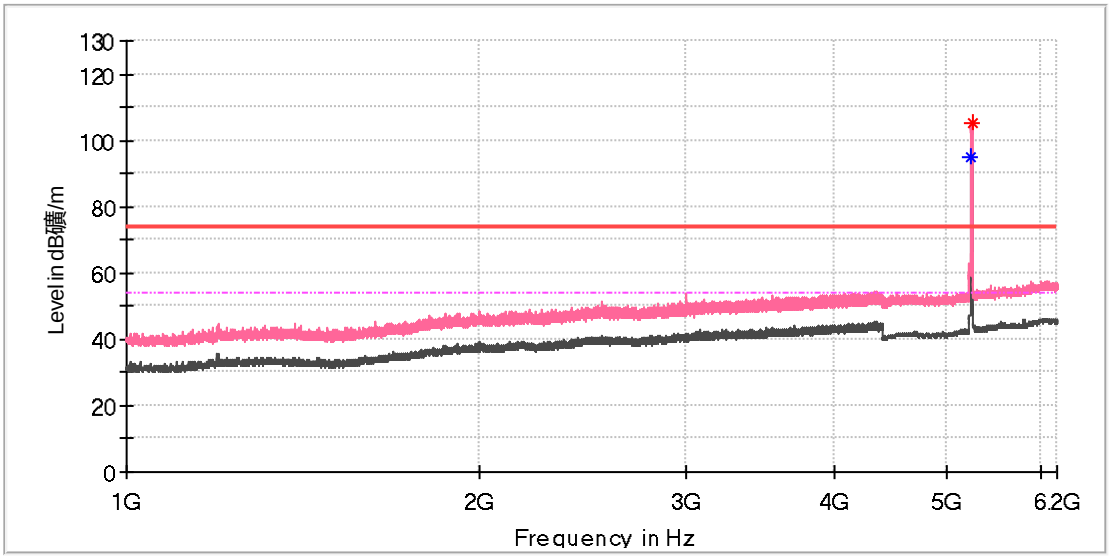
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5247.000000	105.46	---	74.00	-31.46	100.0	V	84.0	12.8
5239.500000	---	94.94	54.00	-40.94	100.0	V	93.0	12.8

Final_Result

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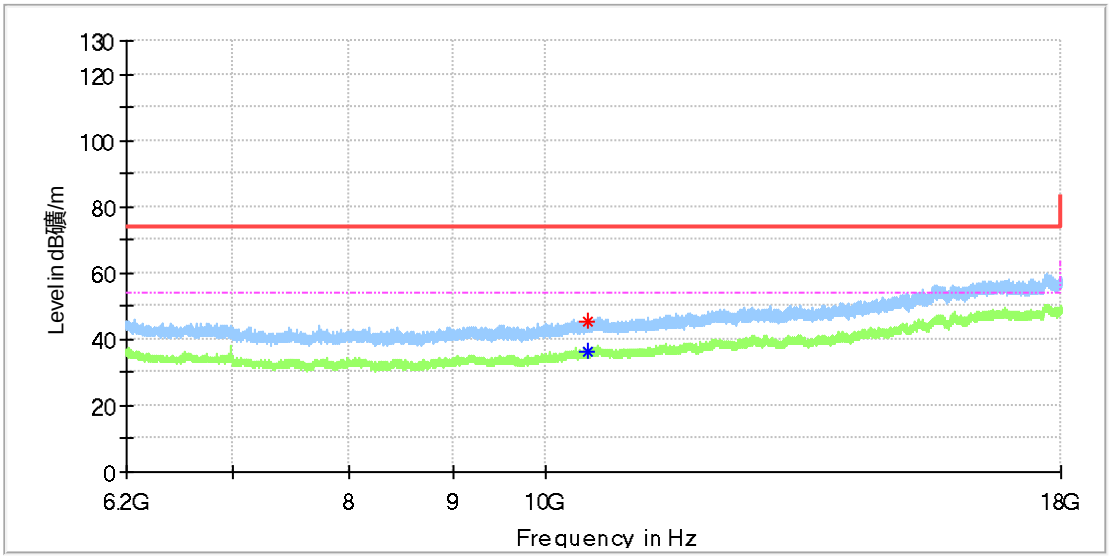
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

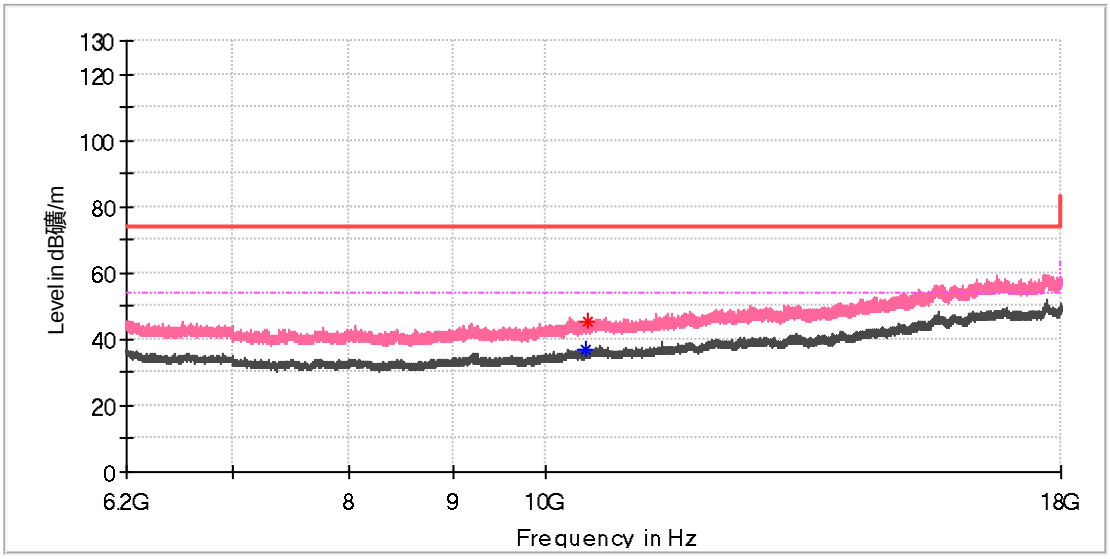
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10485.858333	45.39	---	74.00	28.61	100.0	H	294.0	12.0
10489.300000	---	36.53	54.00	17.47	100.0	H	283.0	12.0

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_20M_5240MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
10475.041667	---	36.68	54.00	17.32	100.0	V	45.0	12.0
10492.741667	45.64	---	74.00	28.36	100.0	V	94.0	12.0

Final_Result

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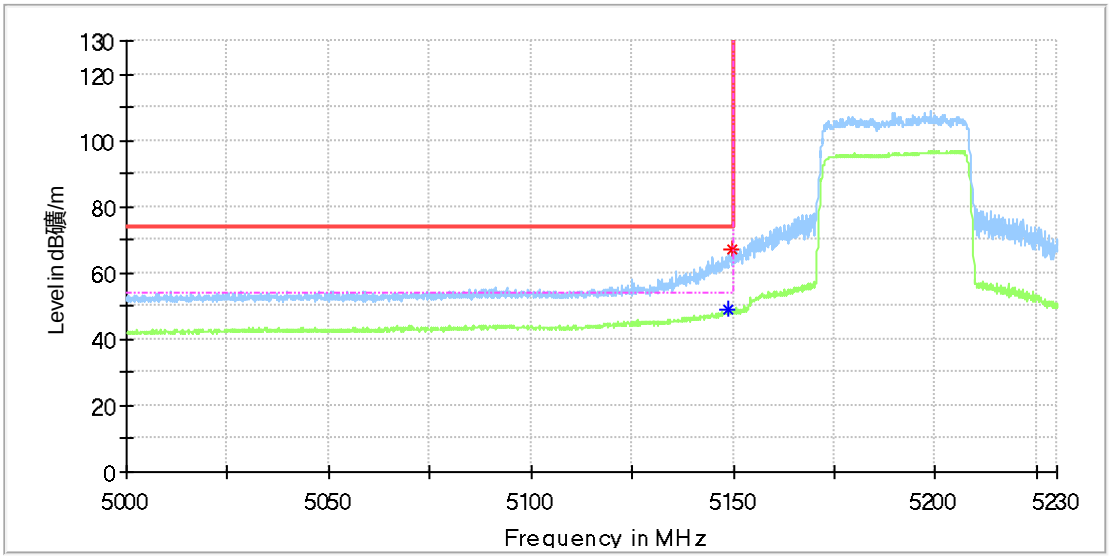
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_40M_5190MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5148.944445	---	49.13	54.00	4.87	100.0	H	295.0	12.4
5149.800000	67.21	---	74.00	6.79	100.0	H	295.0	12.4

Final_Result

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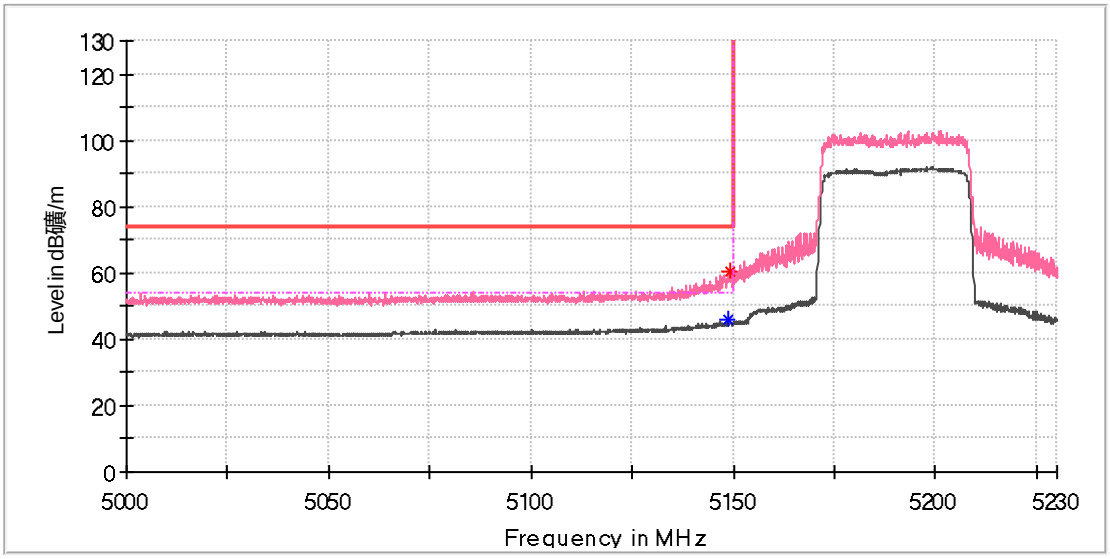
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_40M_5190MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5148.477778	---	45.81	54.00	8.19	100.0	V	96.0	12.4
5149.333333	60.71	---	74.00	13.29	100.0	V	70.0	12.4

Final_Result

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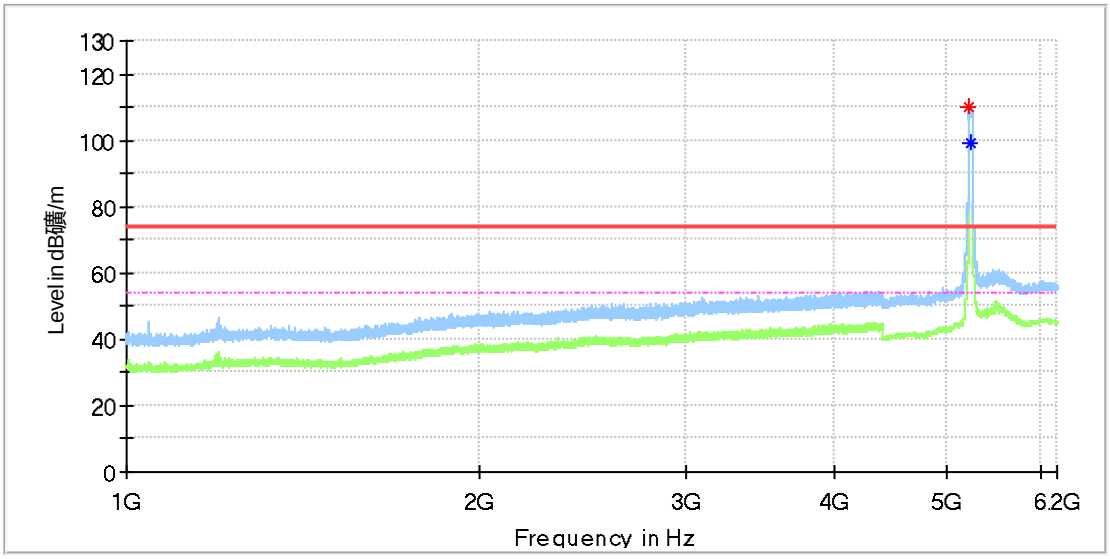
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

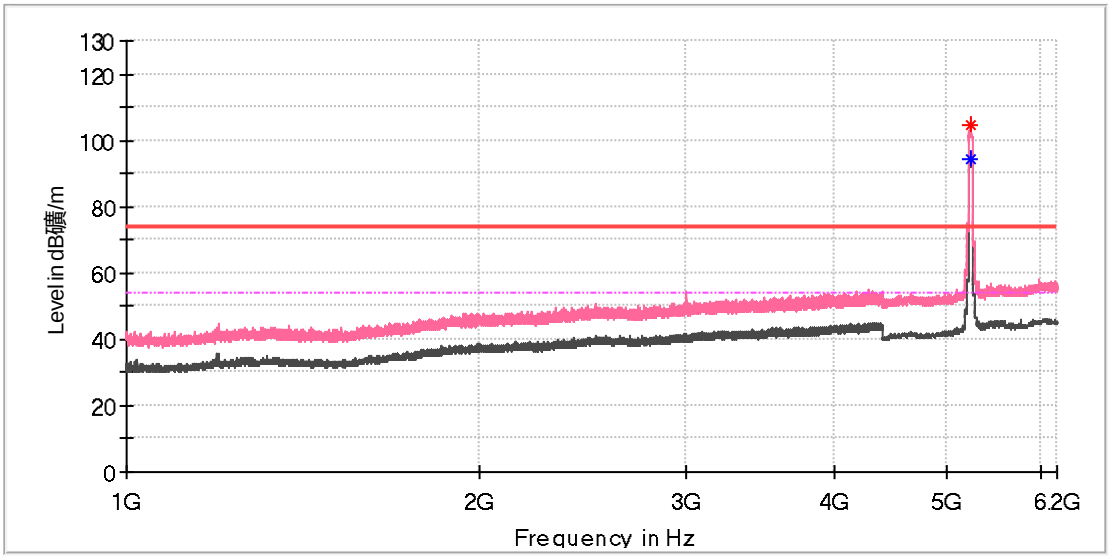
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5220.500000	109.99	---	74.00	-35.99	100.0	H	172.0	12.7
5233.500000	---	99.42	54.00	-45.42	100.0	H	355.0	12.8

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

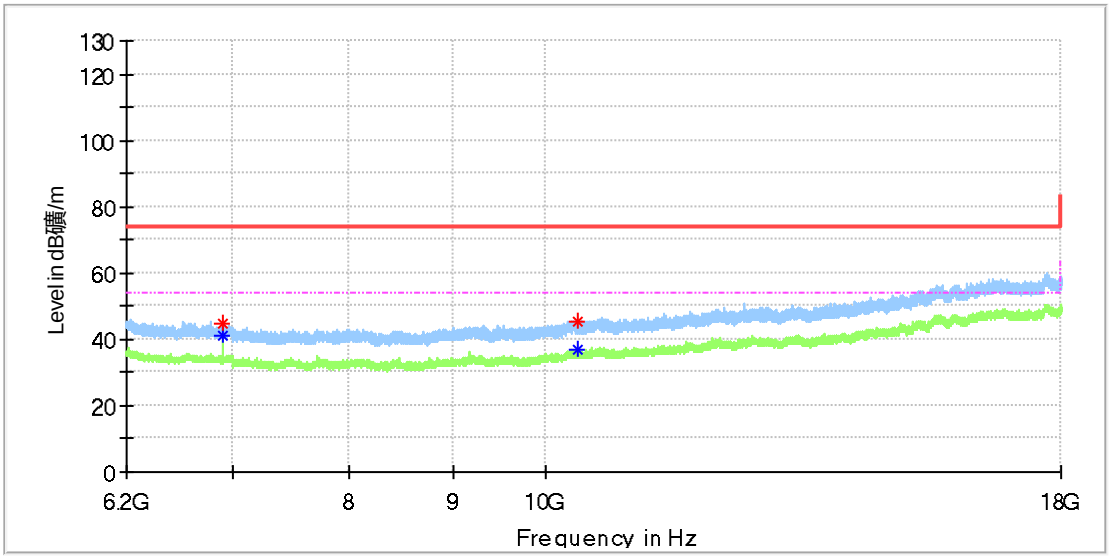
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5237.000000	---	94.36	54.00	-40.36	100.0	V	93.0	12.8
5244.000000	104.41	---	74.00	-30.41	100.0	V	93.0	12.8

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
6919.800000	---	40.81	54.00	13.19	100.0	H	6.0	8.6
6920.291667	44.80	---	74.00	29.20	100.0	H	333.0	8.6
10368.841667	---	36.95	54.00	17.05	100.0	H	344.0	11.8
10369.825000	45.58	---	74.00	28.42	100.0	H	333.0	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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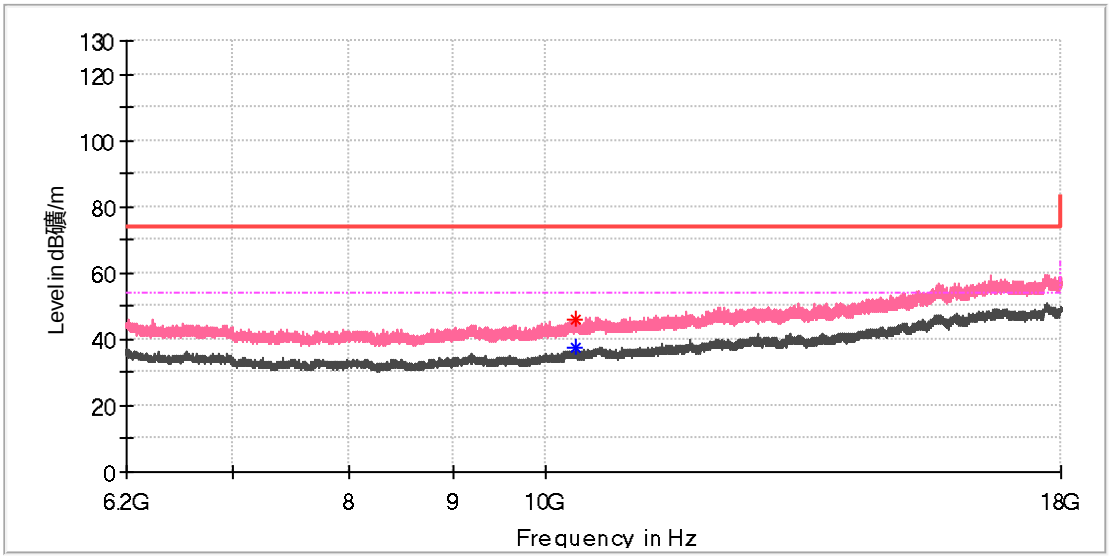
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.2G_40M_5230MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
10345.733333	---	37.40	54.00	16.60	100.0	V	310.0	11.7
10349.666667	45.66	---	74.00	28.34	100.0	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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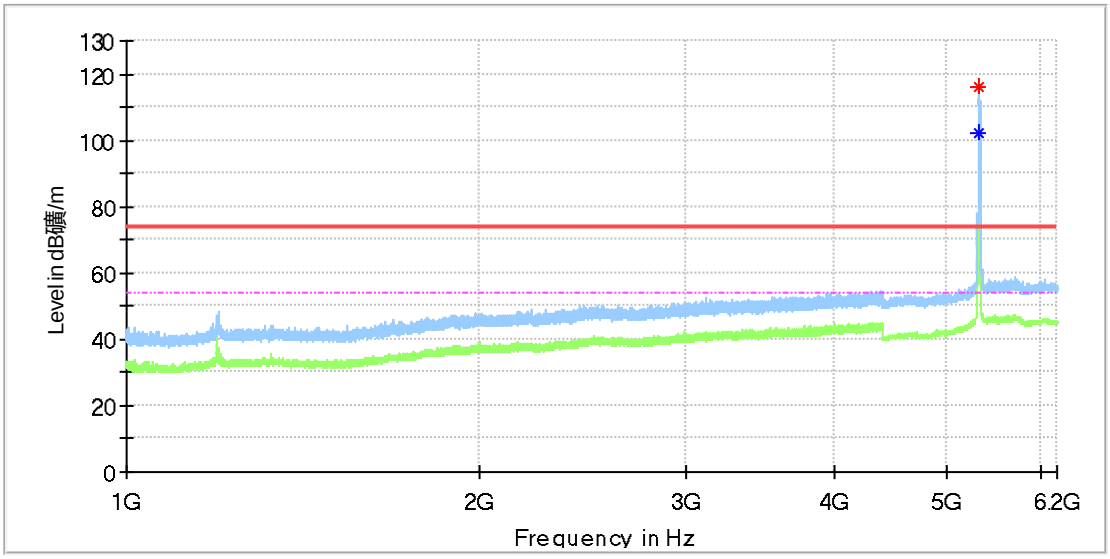
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_20M_5320MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5321.500000	---	102.17	54.00	-48.17	100.0	H	175.0	13.1
5320.000000	115.82	---	74.00	-41.82	100.0	H	350.0	13.1

Final_Result

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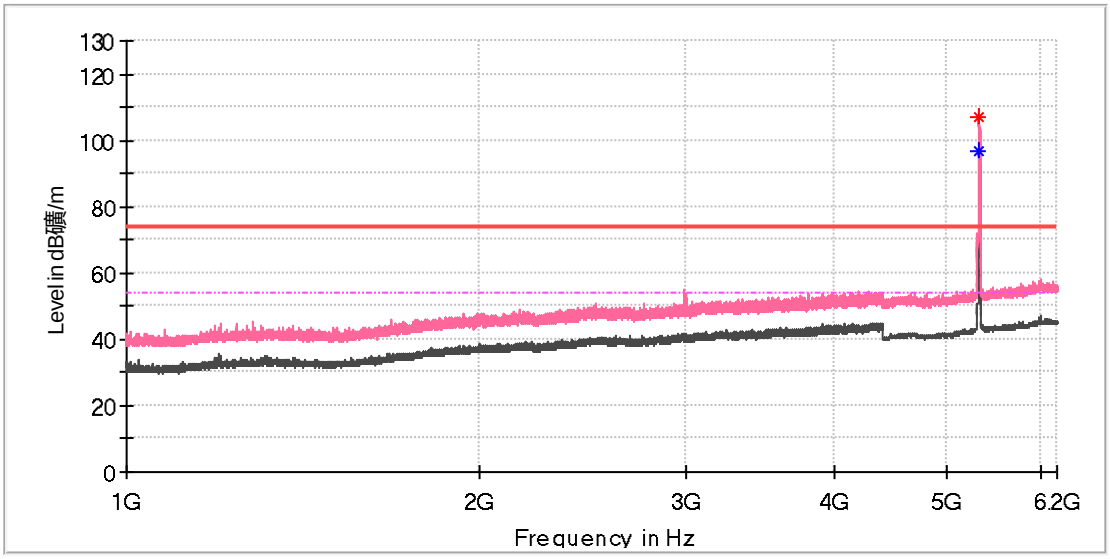
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_20M_5320MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5320.000000	---	96.69	54.00	-42.69	100.0	V	88.0	13.1
5322.000000	106.87	---	74.00	-32.87	100.0	V	88.0	13.1

Final_Result

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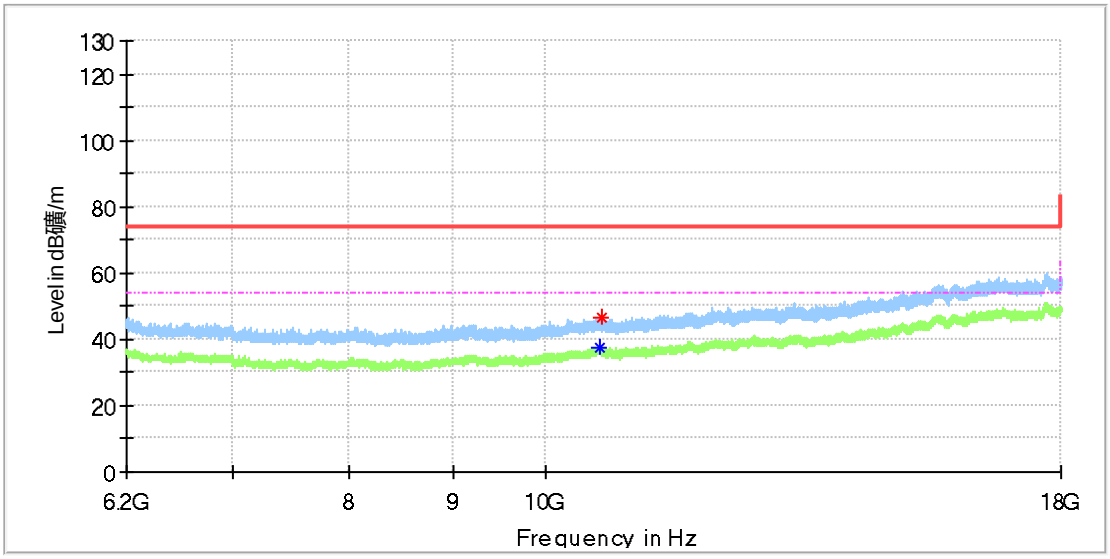
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_20M_5320MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

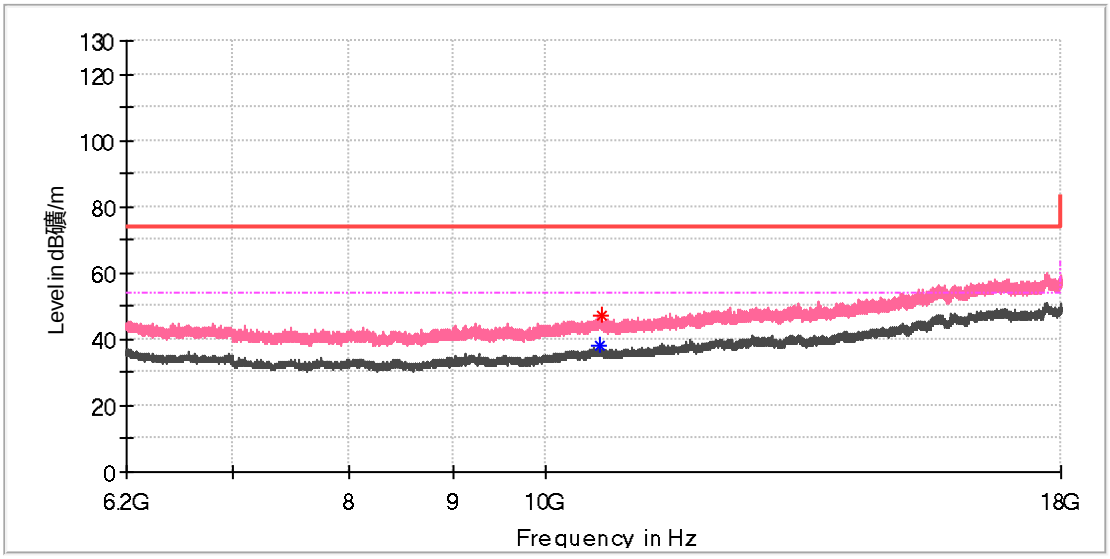
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10640.241667	---	37.46	54.00	16.54	100.0	H	316.0	12.0
10652.041667	46.62	---	74.00	27.38	100.0	H	330.0	12.0

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_20M_5320MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
10632.375000	---	37.89	54.00	16.11	100.0	V	302.0	12.0
10652.041667	47.24	---	74.00	26.76	100.0	V	141.0	12.0

Final_Result

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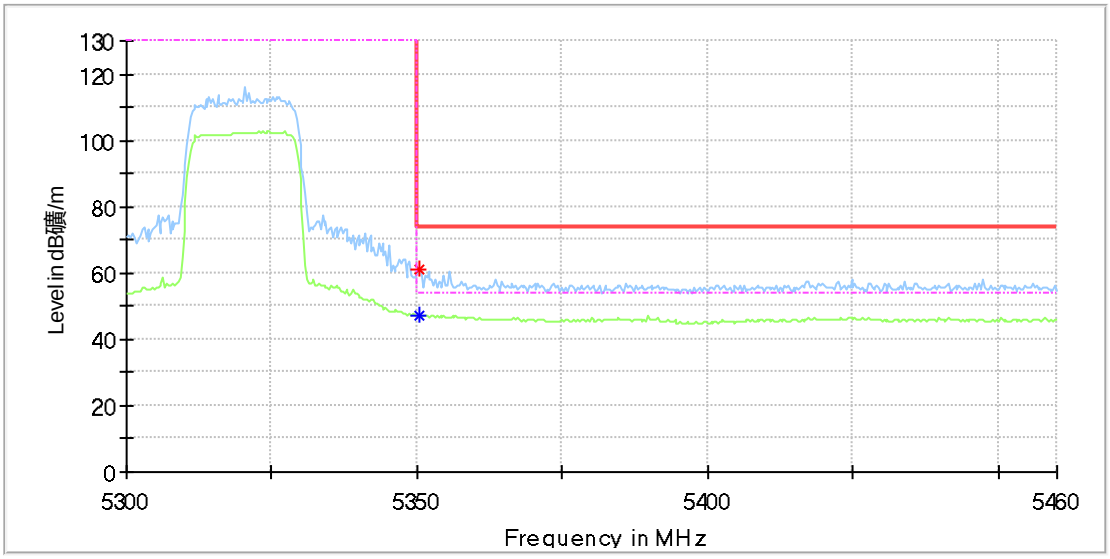
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_20M_5320MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5350.466667	60.85	---	74.00	13.15	100.0	H	173.0	13.3
5350.466667	---	47.40	54.00	6.60	100.0	H	173.0	13.3

Final_Result

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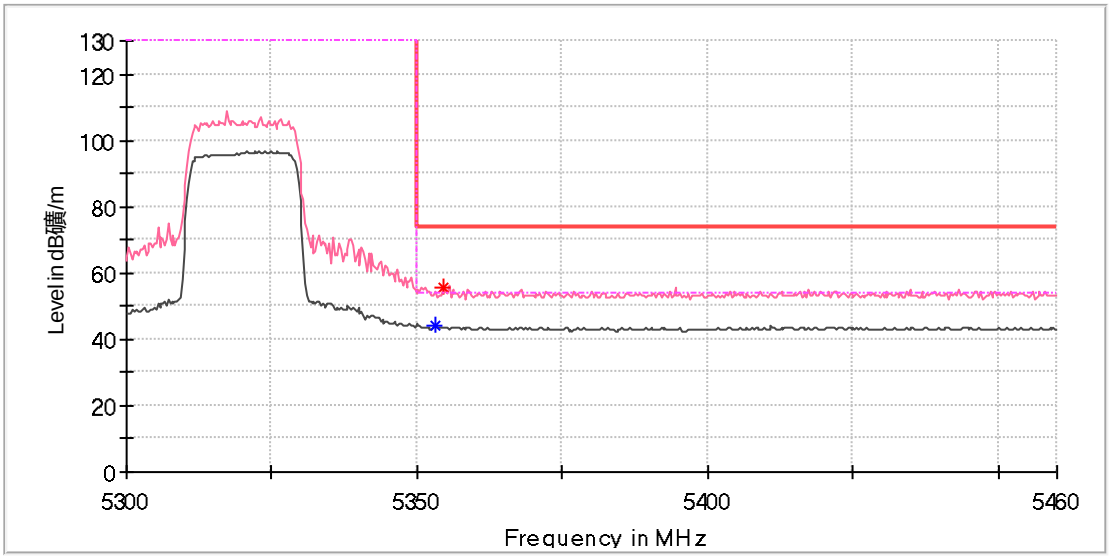
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_20M_5320MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

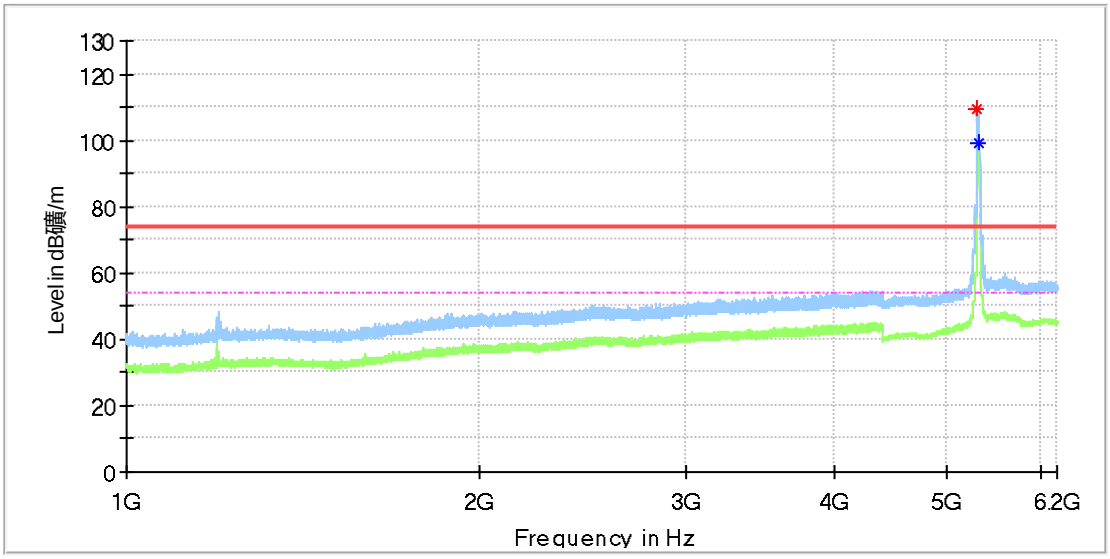
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5353.116667	---	44.14	54.00	9.86	100.0	V	103.0	13.3
5354.588889	55.74	---	74.00	18.26	100.0	V	259.0	13.3

Final_Result

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

EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_40M_5310MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5298.500000	109.64	---	74.00	-35.64	100.0	H	170.0	13.0
5319.500000	---	98.99	54.00	-44.99	100.0	H	170.0	13.1

Final_Result

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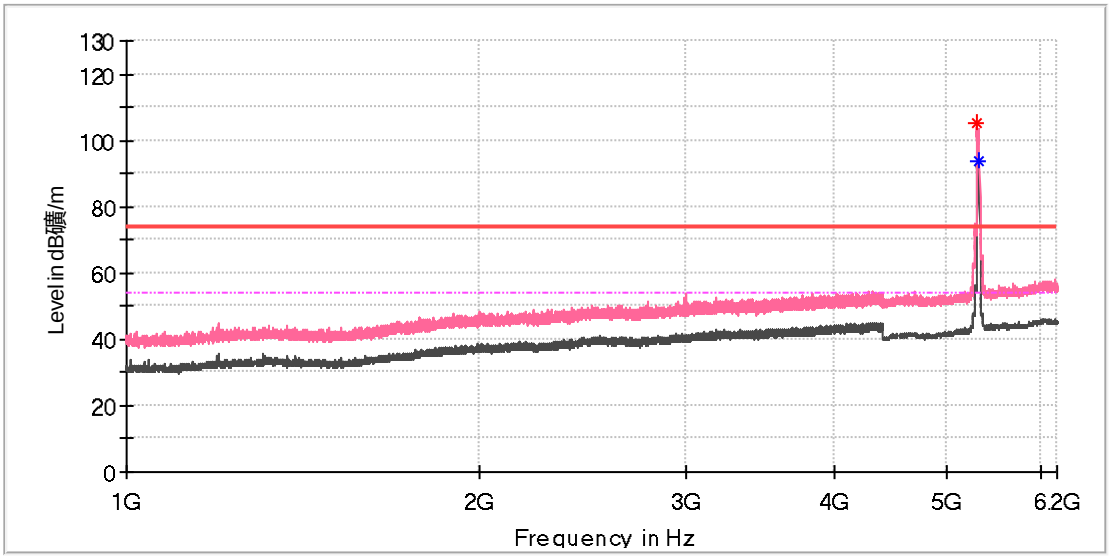
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_40M_5310MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

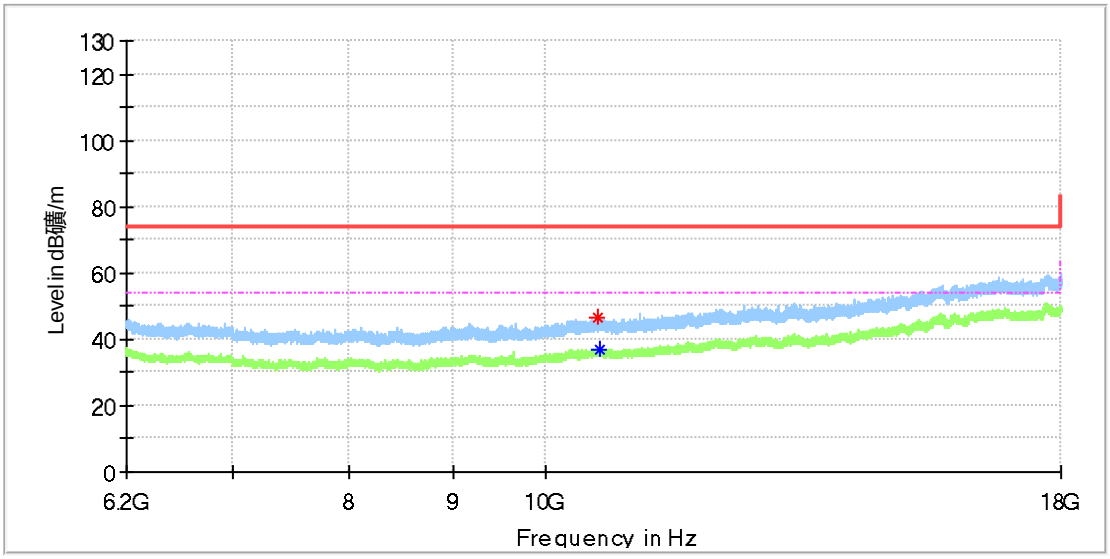
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5300.000000	104.92	---	74.00	-30.92	100.0	V	86.0	13.0
5309.000000	---	93.54	54.00	-39.54	100.0	V	258.0	13.0

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_40M_5310MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

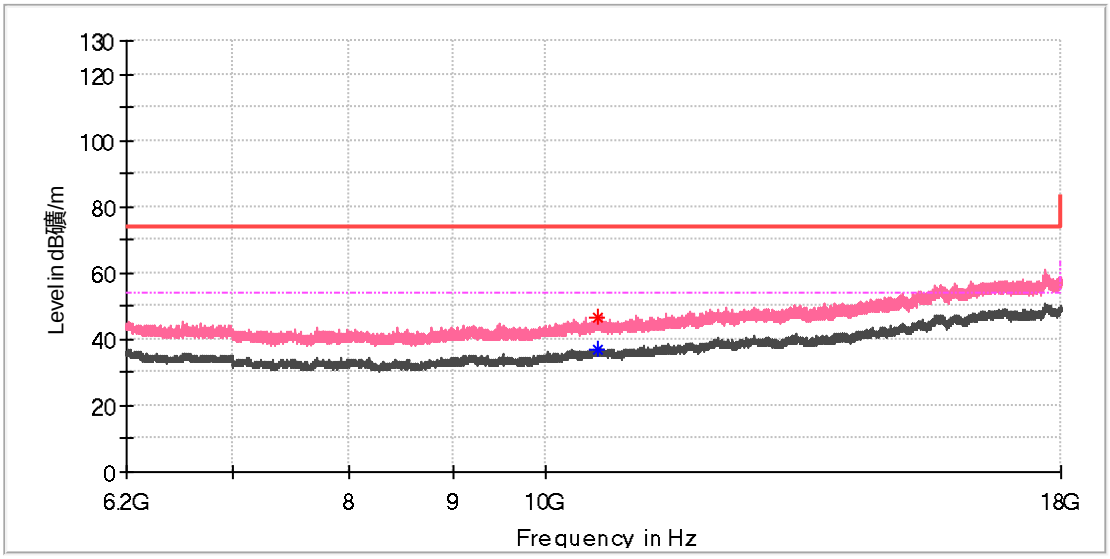
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10623.033333	46.29	---	74.00	27.71	100.0	H	286.0	12.0
10632.375000	---	37.14	54.00	16.86	100.0	H	286.0	12.0

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_40M_5310MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
10608.283333	46.29	---	74.00	27.71	100.0	V	355.0	12.1
10608.283333	---	37.13	54.00	16.87	100.0	V	355.0	12.1

Final_Result

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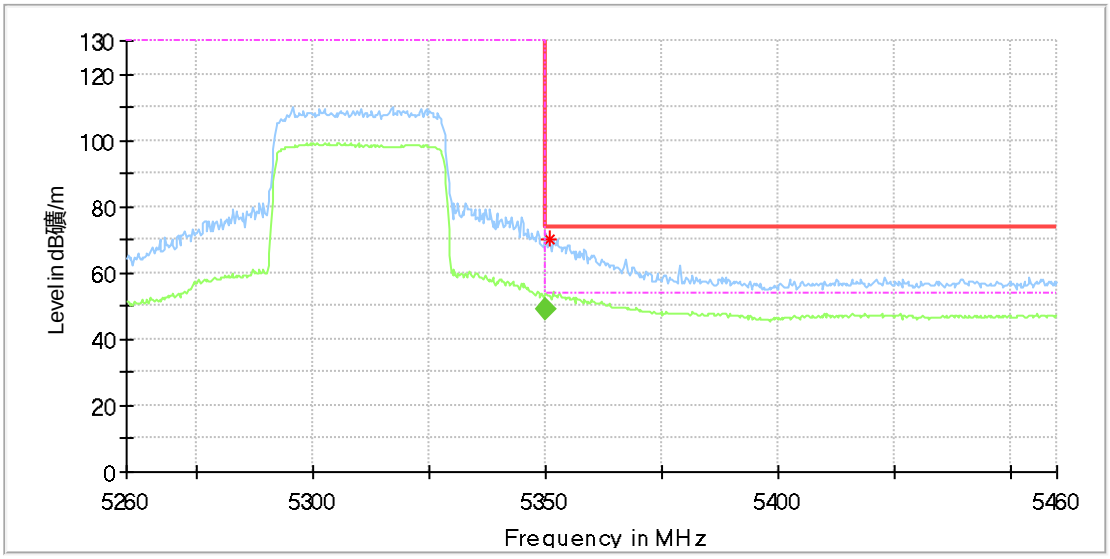
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_40M_5310MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

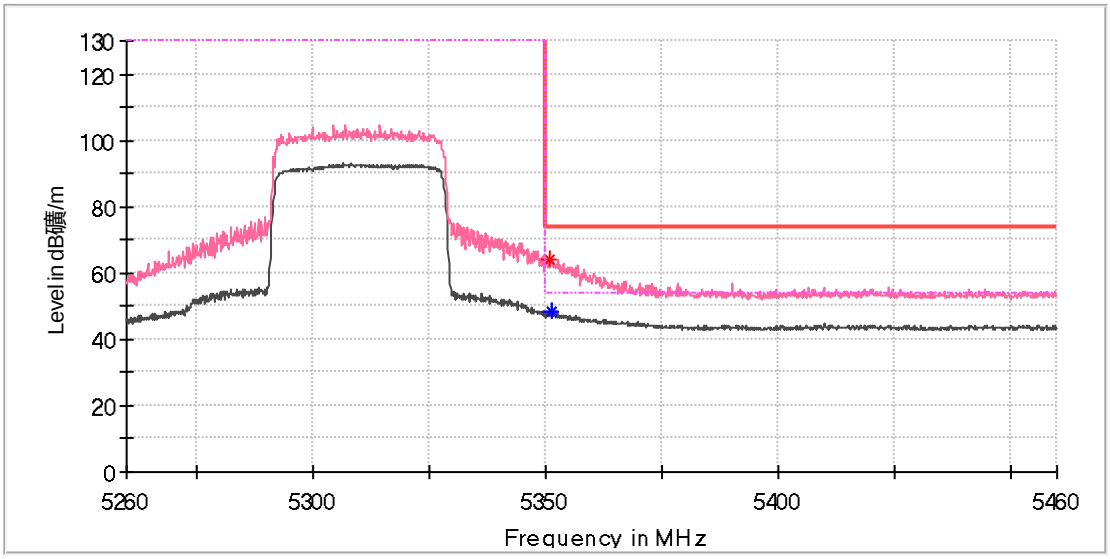
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.761111	70.17	---	74.00	3.83	100.0	H	175.0	13.3

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.094444	49.05	54.00	4.95	105.0	H	166.0	13.3

EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.3G_40M_5310MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5350.877778	64.10	---	74.00	9.90	100.0	V	82.0	13.3
5351.516667	---	48.31	54.00	5.69	100.0	V	82.0	13.3
5351.516667	---	48.31	54.00	5.69	100.0	V	82.0	13.3

Final_Result

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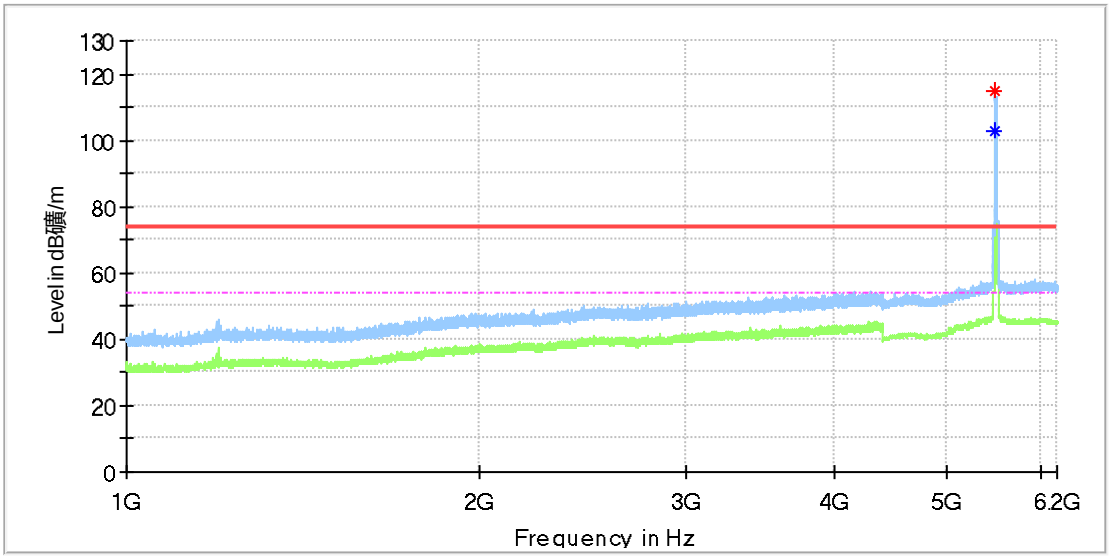
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5500MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5492.500000	---	102.71	54.00	-48.72	100.0	H	166.0	13.7
5493.000000	114.91	---	74.00	-40.91	100.0	H	173.0	13.7

Final_Result

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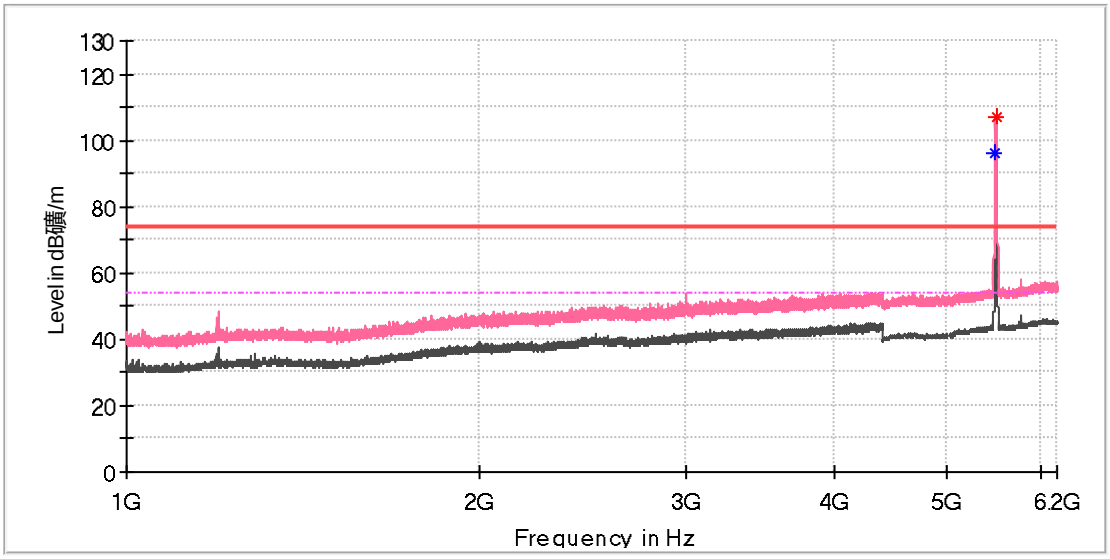
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5500MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5498.000000	---	96.43	54.00	-42.44	100.0	V	99.0	13.7
5500.500000	107.26	---	74.00	-33.26	100.0	V	99.0	13.7

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5500MHz
Order No/Sample No:	168378396/A003285189-002
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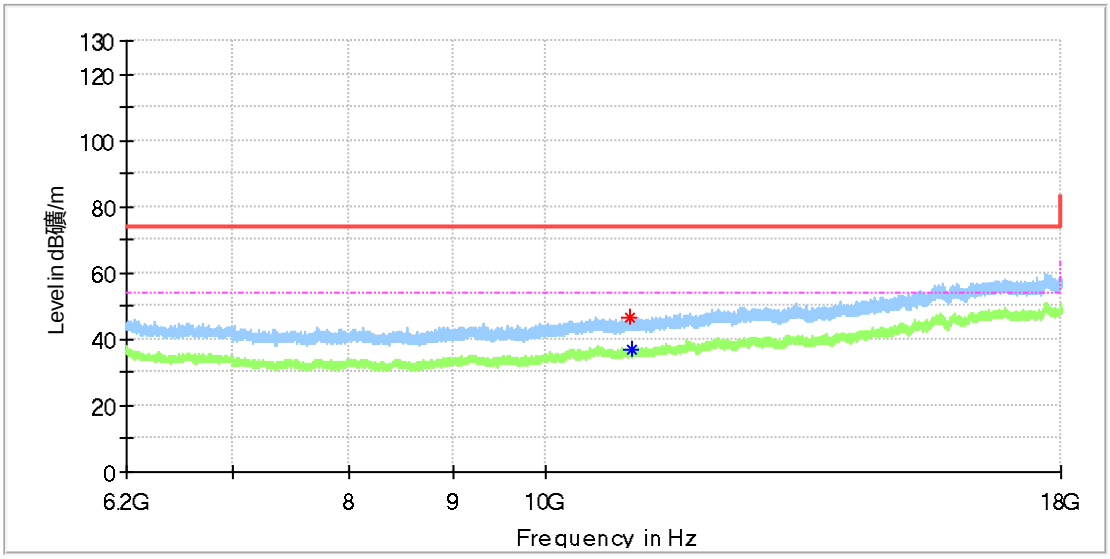
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

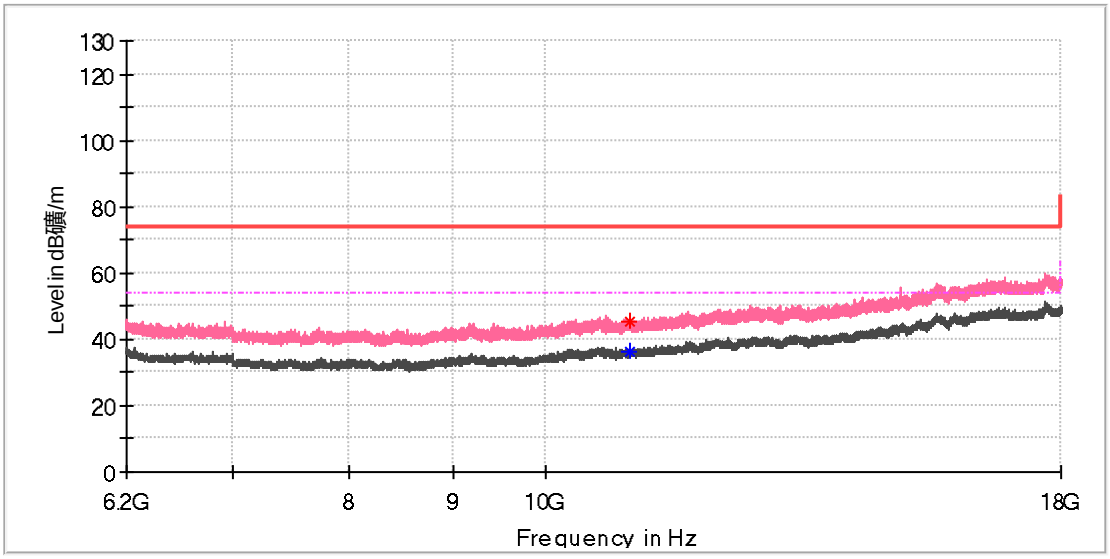
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11010.466667	46.31	---	74.00	27.69	100.0	H	90.0	12.2
11037.508333	---	36.88	54.00	17.12	100.0	H	78.0	12.2

Final_Result

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

EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5500MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
11003.091667	45.31	---	74.00	28.69	100.0	V	35.0	12.2
11006.533333	---	36.53	54.00	17.47	100.0	V	358.0	12.2

Final_Result

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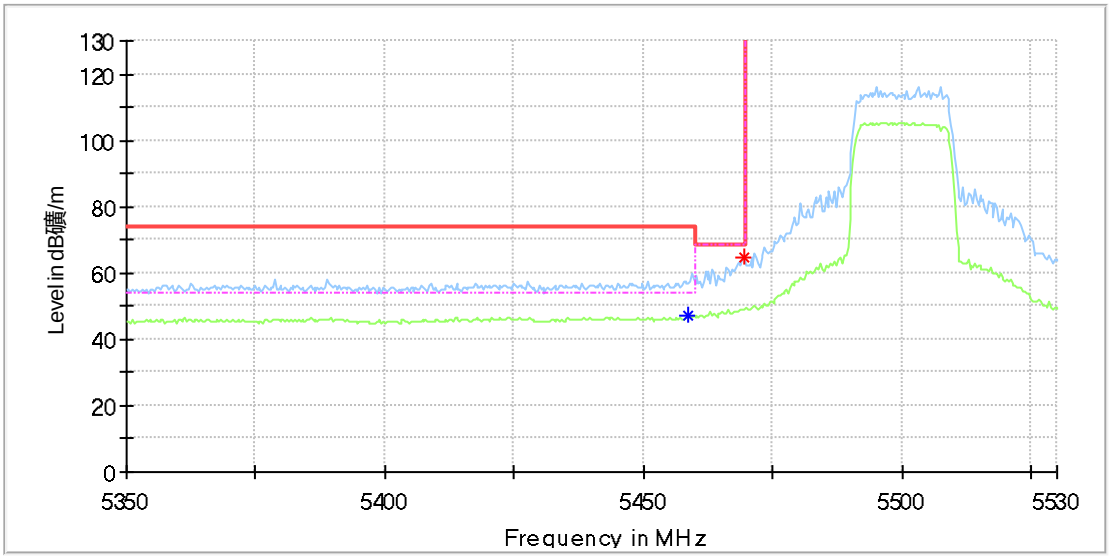
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5500MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

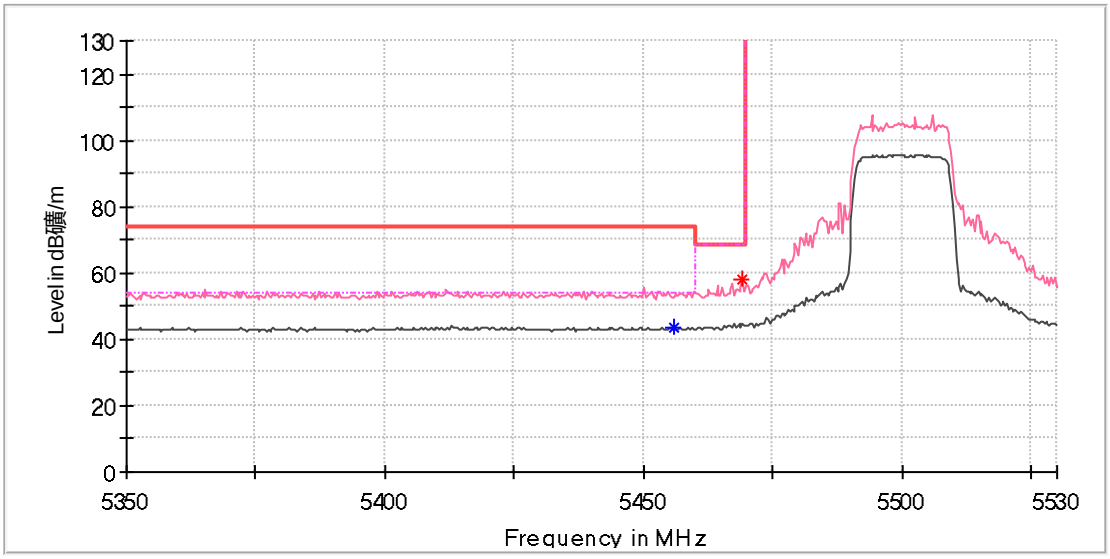
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.722222	---	46.95	54.00	7.05	100.0	H	0.0	13.6
5469.538889	64.98	---	68.20	3.22	100.0	H	168.0	13.6

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5500MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
5455.772222	---	43.54	54.00	10.46	100.0	V	163.0	13.6
5469.211111	58.32	---	68.20	9.88	100.0	V	88.0	13.6

Final_Result

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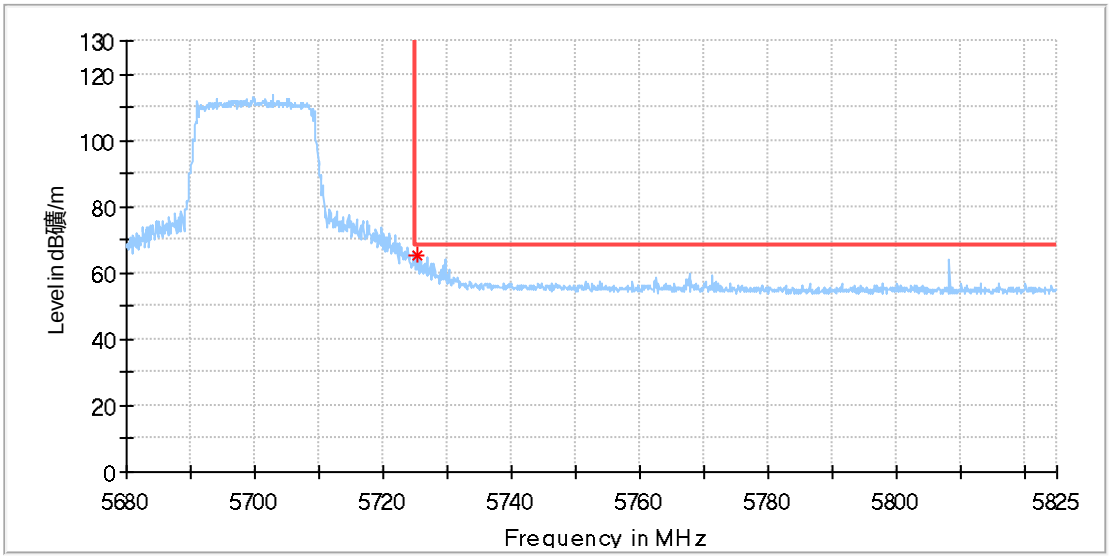
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5700MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.250000	65.54	68.20	2.66	100.0	H	0.0	13.9

Final_Result

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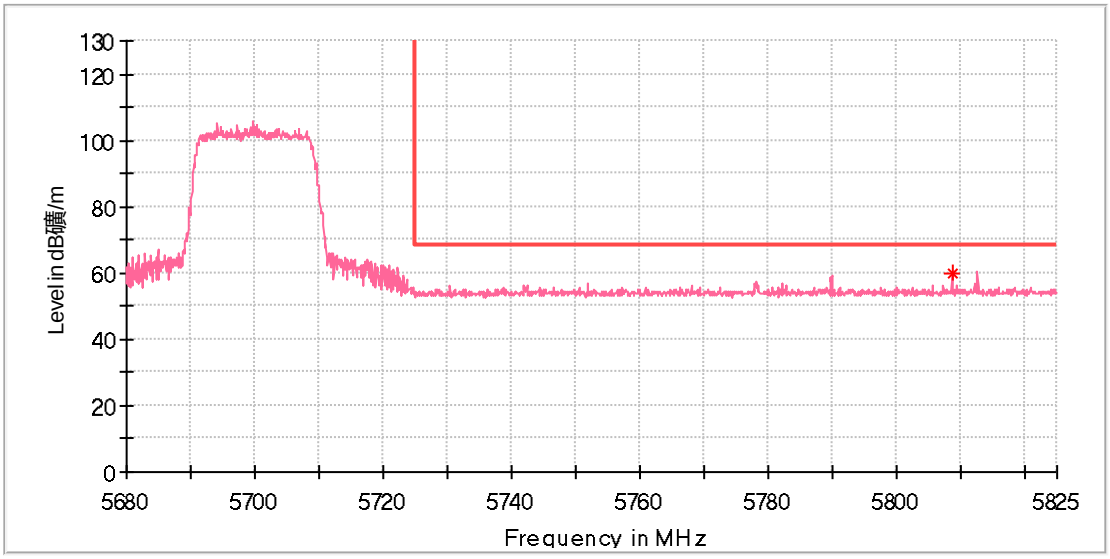
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_20M_5700MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5808.637500	60.16	68.20	8.04	100.0	V	227.0	14.0

Final_Result

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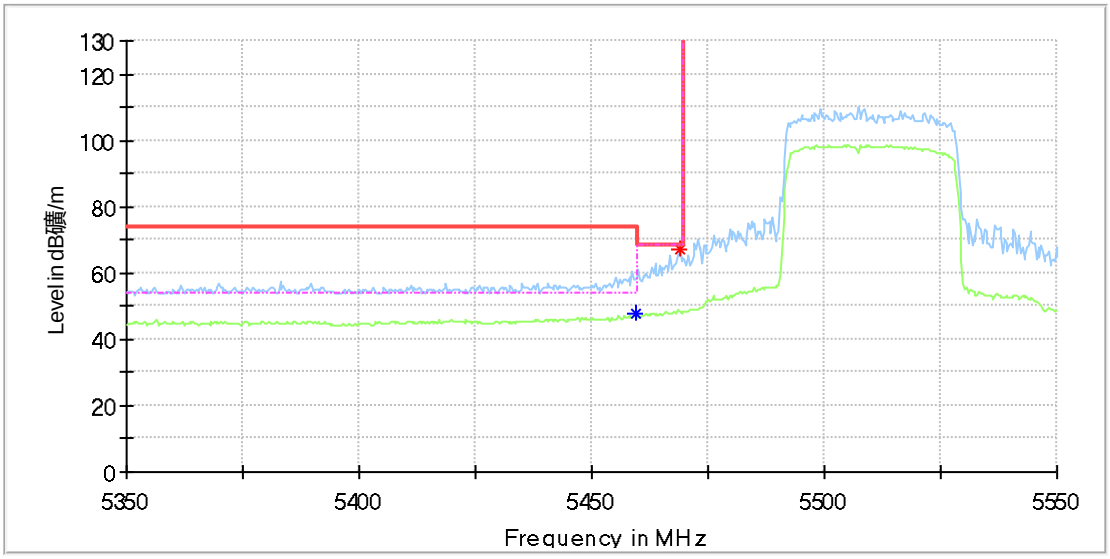
EUT Information

EUT Name:	DJI VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_40M_5510MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

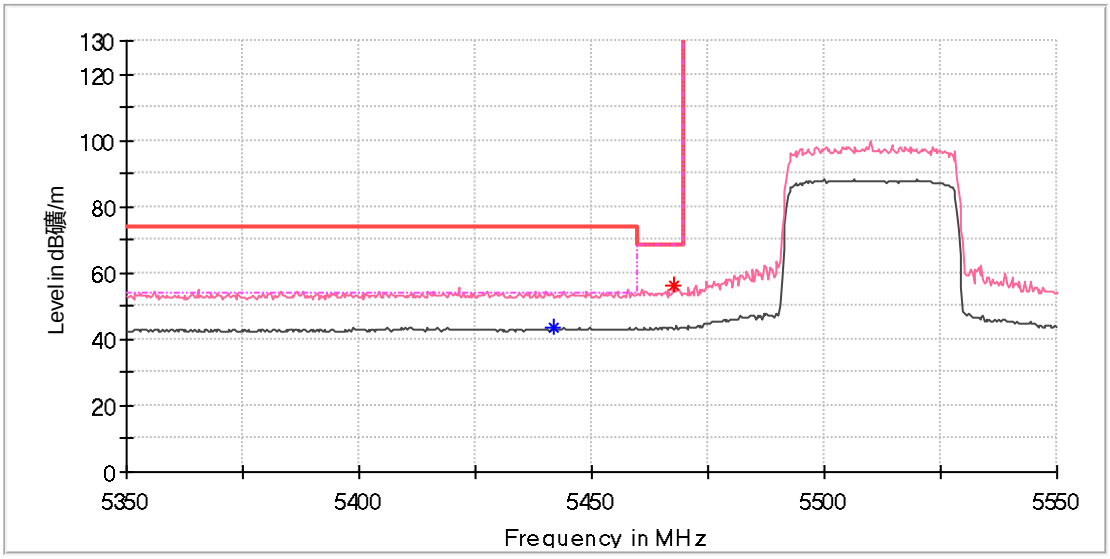
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.377778	---	47.63	54.00	6.37	100.0	H	167.0	13.6
5468.883333	67.33	---	68.20	0.87	100.0	H	0.0	13.6

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_40M_5510MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

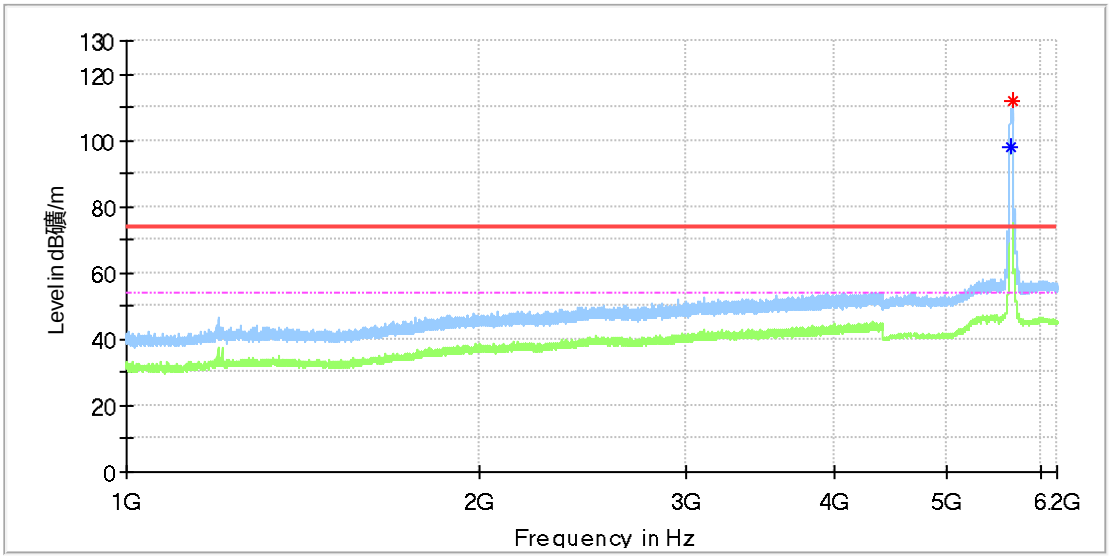
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5442.005556	---	43.49	54.00	10.51	100.0	V	97.0	13.5
5467.572222	56.24	---	68.20	11.96	100.0	V	359.0	13.6

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_40M_5670MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

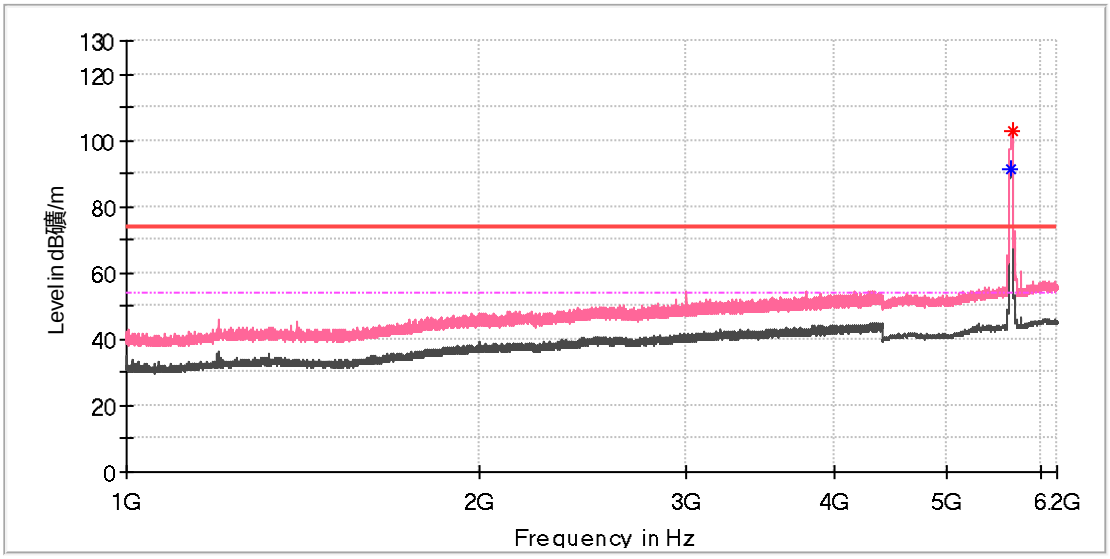
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5673.000000	---	97.97	54.00	-43.97	100.0	H	353.0	13.8
5679.000000	111.83	---	74.00	-37.83	100.0	H	353.0	13.8

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_40M_5670MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

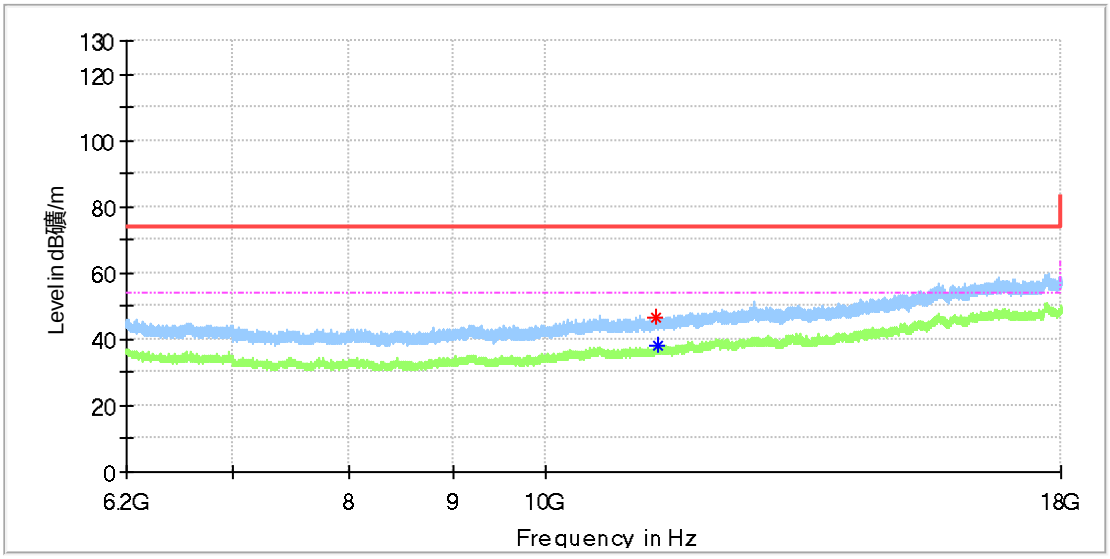
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5659.500000	---	91.24	54.00	-37.24	100.0	V	82.0	13.8
5677.500000	102.89	---	74.00	-28.89	100.0	V	273.0	13.8

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_40M_5670MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
Remark:	Temp 23 Humi:56%
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)
11349.716667	46.55	---	74.00	27.45	100.0	H	7.0	12.5
11373.316667	---	37.87	54.00	16.13	100.0	H	313.0	12.5

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 VIDEO TRANSMITTER
Model:	TX3
Test Mode:	SDR 5.6G_40M_5670MHz
Order No/Sample No:	168378396/A003285189-002
Test Voltage::	DC 12V From DC Source
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Test Standard:	FCC 15.407
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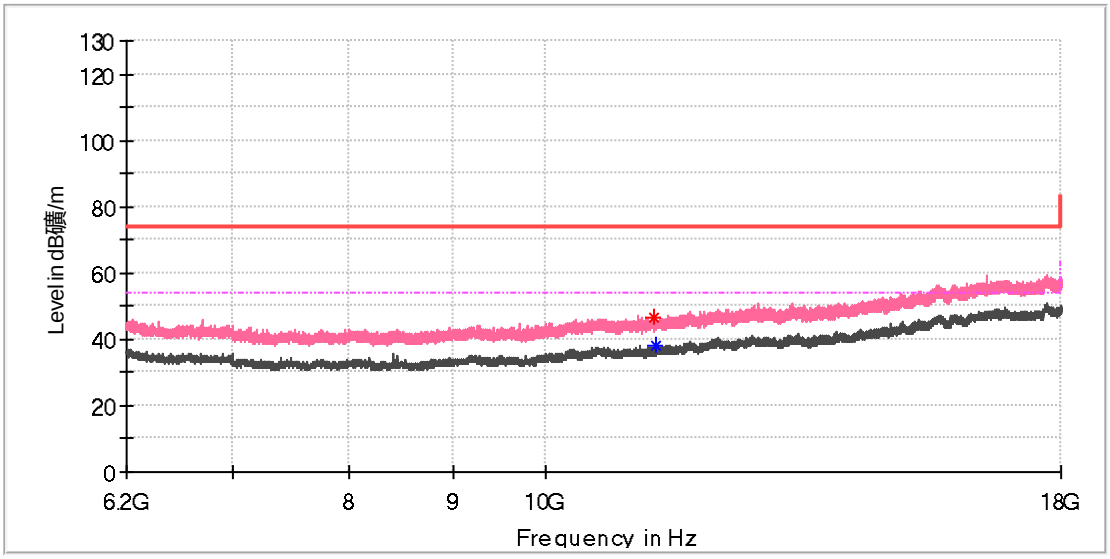

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11326.116667	46.32	---	74.00	27.68	100.0	V	26.0	12.5
11350.208333	---	37.99	54.00	16.01	100.0	V	135.0	12.5

Final_Result

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

EUT Information

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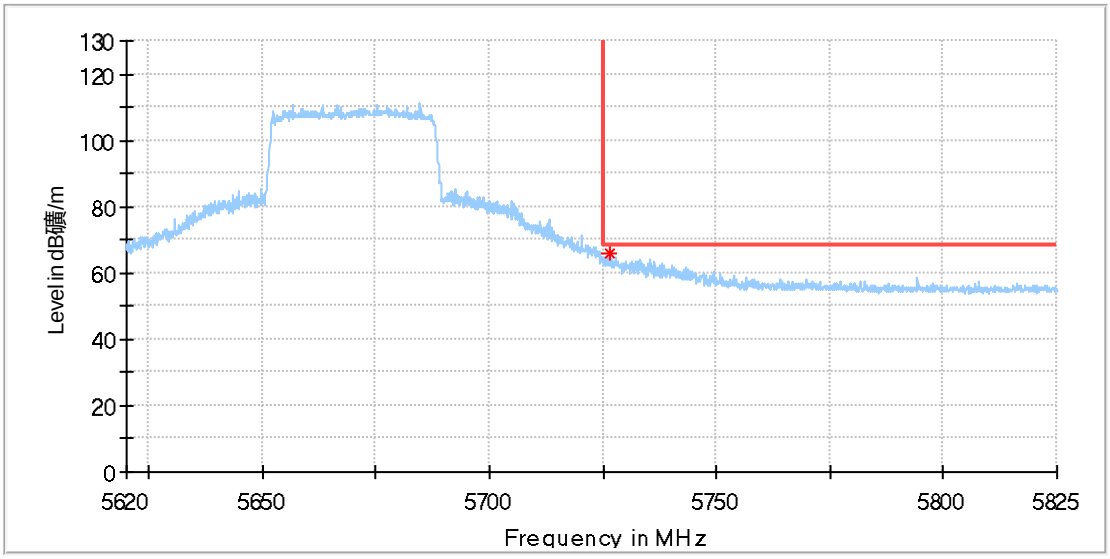

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.387500	65.88	68.20	2.32	100.0	H	2.0	13.9

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 VIDEO TRANSMITTER
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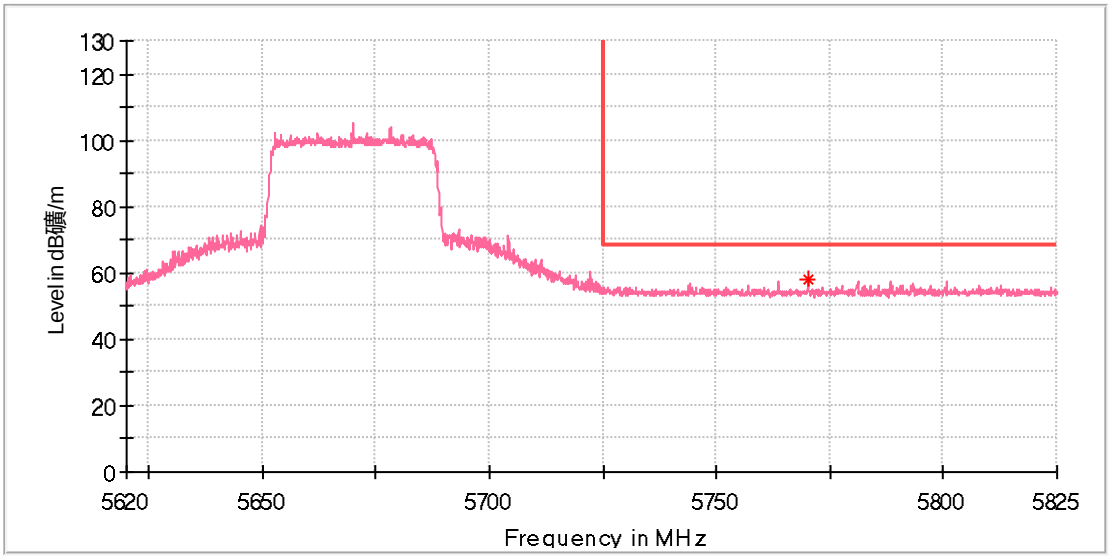

Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5770.137500	58.33	68.20	9.87	100.0	V	22.0	14.0

Final_Result

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