

Appendix B: Test Results

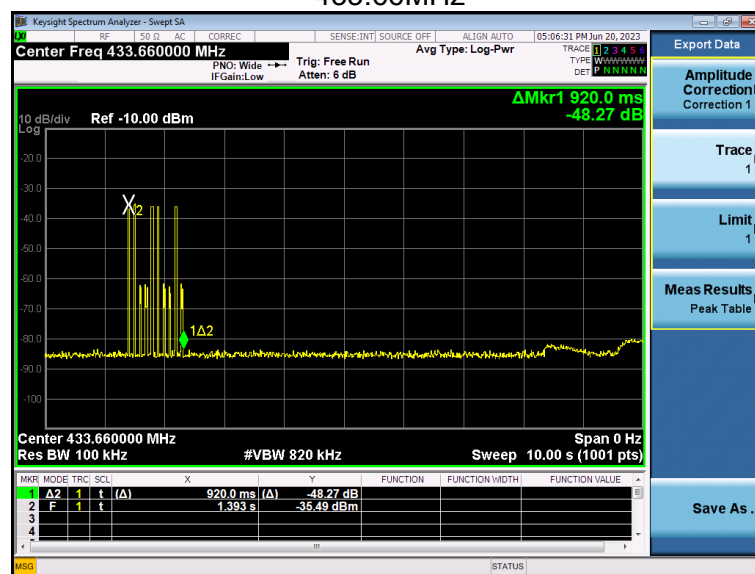
APPENDIX B.1: TEST RESULTS OF DEACTIVATION OF THE TRANSMISSION.....	2
APPENDIX B.2: TEST RESULTS OF 20dB EMISSION BANDWIDTH.....	4
APPENDIX B.3: TEST RESULTS OF 99% BANDWIDTH	5
APPENDIX B.4: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL AND UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN	6
B.4.1 BELOW 1GHZ	6
B.4.2 ABOVE 1GHZ.....	14

APPENDIX B.1: TEST RESULTS OF DEACTIVATION OF THE TRANSMISSION

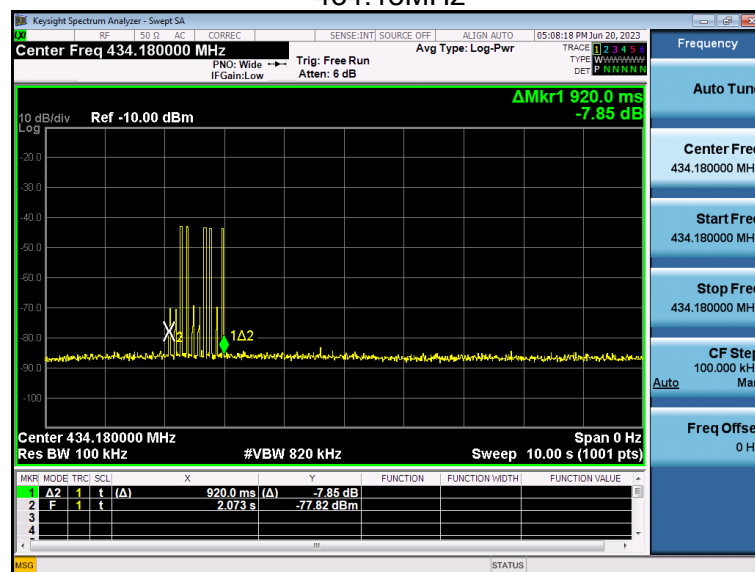
Test Results

Operation Mode	Frequency	Duration Time (S)	Limit (S)	Result
A(RKE)	433.66MHz	0.92	5	Pass
	434.18MHz	0.92	5	Pass

433.66MHz

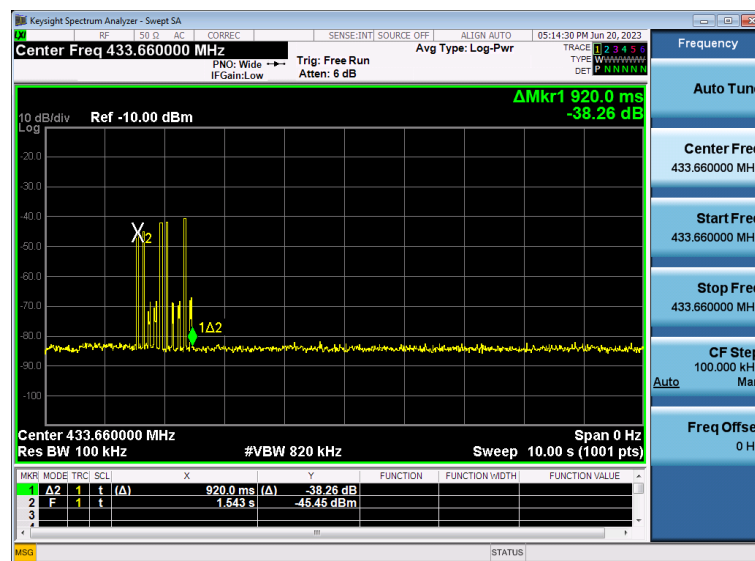


434.18MHz

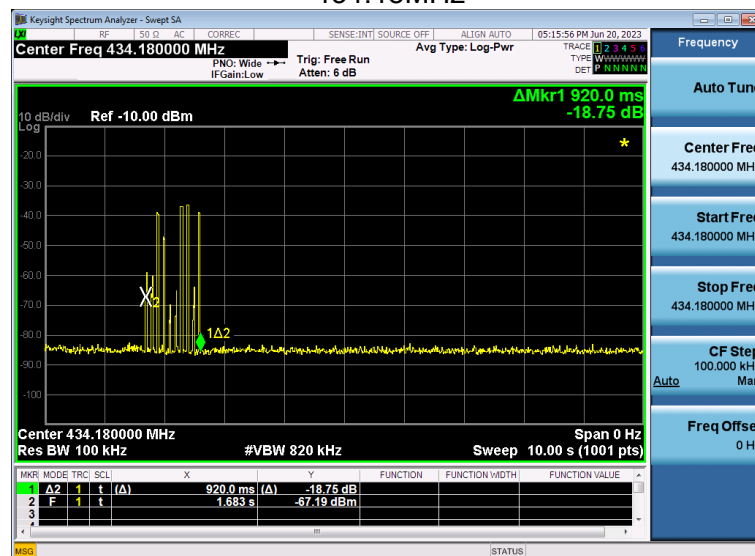


Operation Mode	Frequency	Duration Time (S)	Limit (S)	Result
A(KV)	433.66MHz	0.92	5	Pass
	434.18MHz	0.92	5	Pass

433.66MHz



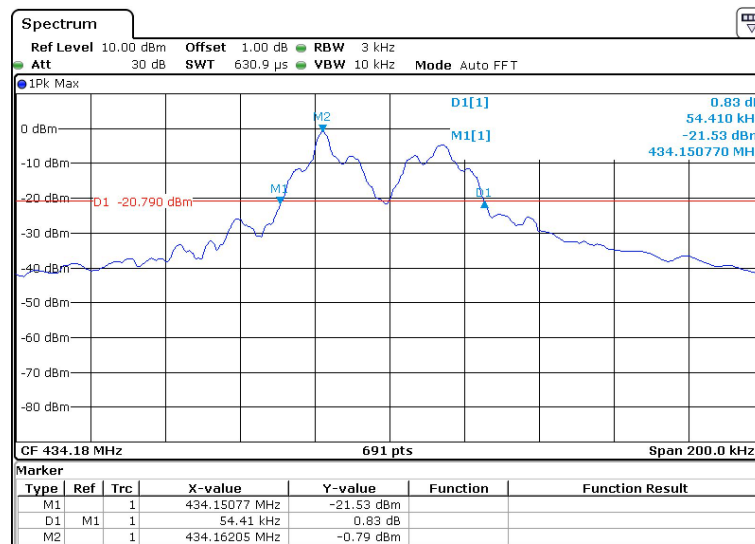
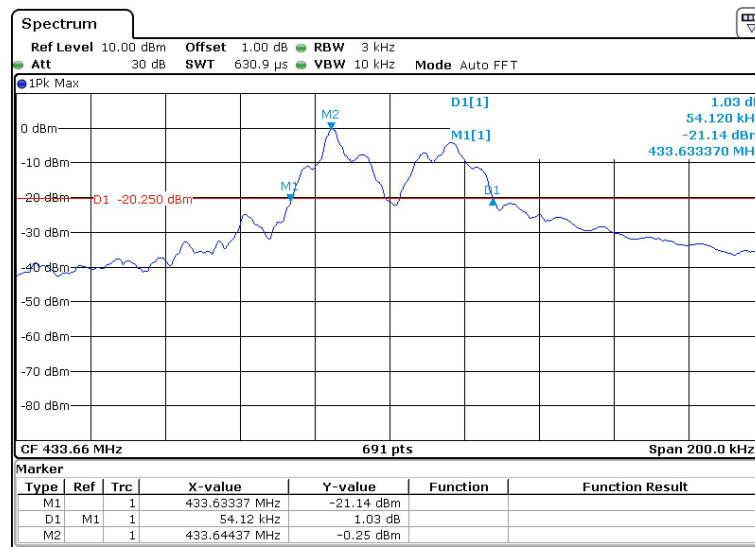
434.18MHz



APPENDIX B.2: TEST RESULTS OF 20dB EMISSION BANDWIDTH

Test Results

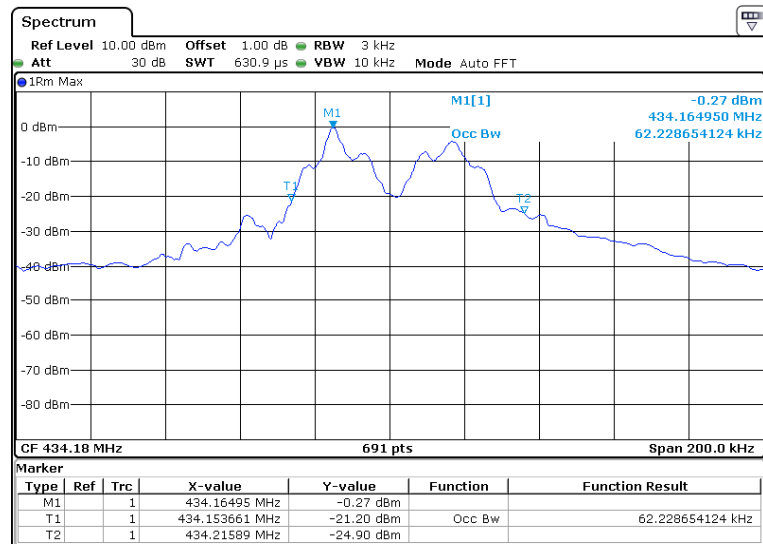
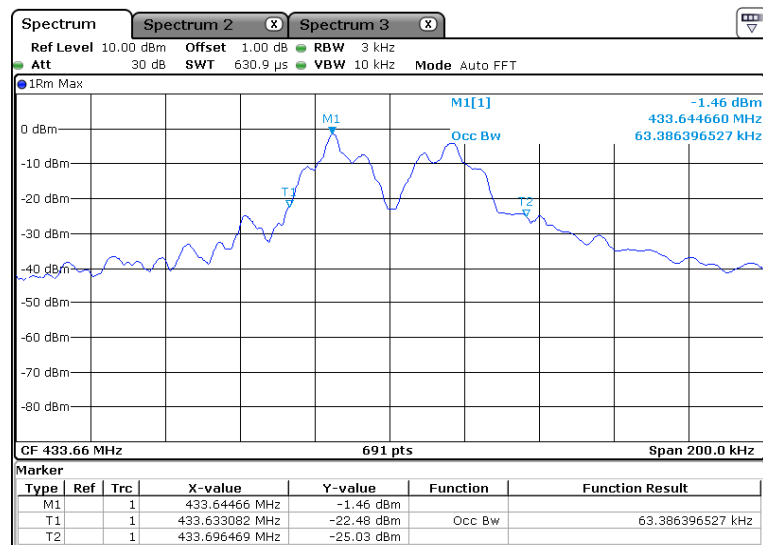
Operation Frequency (MHz)	20dB Emission Bandwidth (KHz)	Limit (KHz)	Result
433.66	54.12	1084.15	Pass
434.18	54.41	1085.45	



APPENDIX B.3: TEST RESULTS OF 99% BANDWIDTH

Test Results

Operation Frequency (MHz)	99% Bandwidth (KHz)	Result
433.66	63.39	Pass
434.18	62.23	Pass

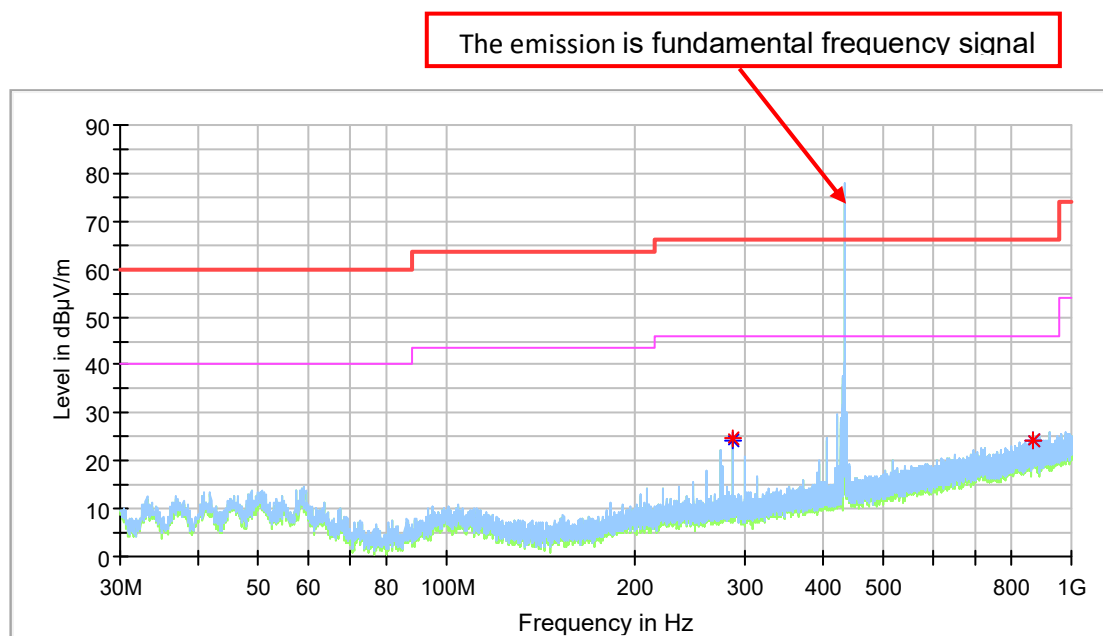


APPENDIX B.4: TEST RESULTS OF FIELD STRENGTH OF FUNDAMENTAL AND UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN

B.4.1 Below 1GHz

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	433.66MHz
Order No/Sample No:	168362165/A003222255-010
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

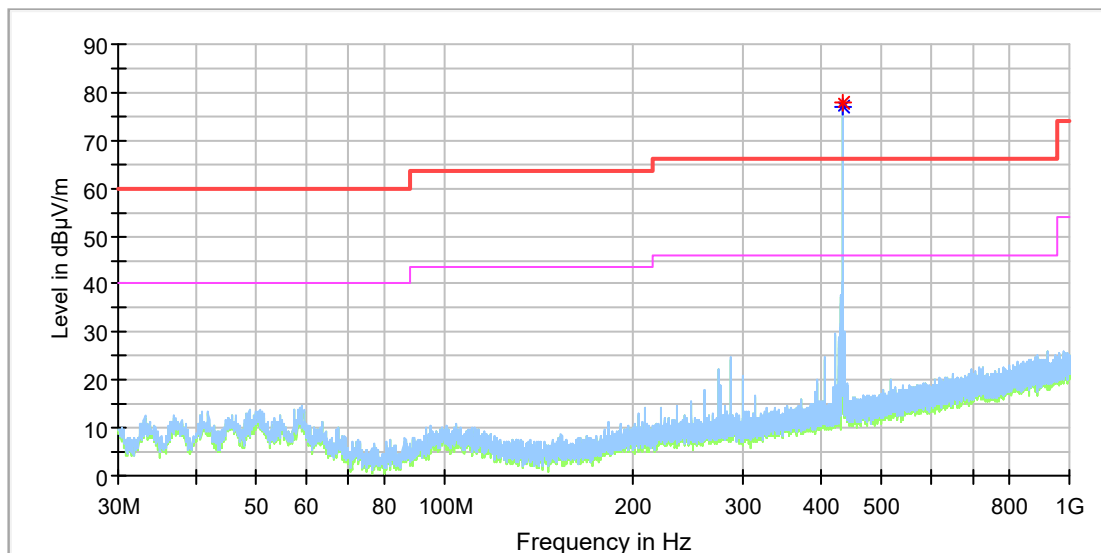
Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margi n	Heig ht	Pol	Azimet h	Corr. (dB/
287.796154	24.71	---	66.00	41.29	100.0	H	173.0	-16.9
287.796154	---	24.43	46.00	21.57	100.0	H	173.0	-16.9
866.401154	24.26	---	80.82	56.56	100.0	H	225.0	-5.7
866.401154	---	24.08	60.82	36.74	100.0	H	225.0	-5.7

Final Result

Frequency (MHz)	QuasiPea k	Limit (dBµV/m)	Margi n	Heig ht	Pol	Azimet h	Corr. (dB/
---	---	---	---	---	---	---	---

EUT Information

EUT Name: LOTUS EMIRA Key Fob
Model: T131
Test Mode: 433.66MHz
Order No/Sample No: 168362165/A003222255-010
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
433.669231	---	76.93	80.82	3.89	100.0	H	230.0	-13.5
433.669231	77.75	---	100.82	23.07	100.0	H	230.0	-13.5

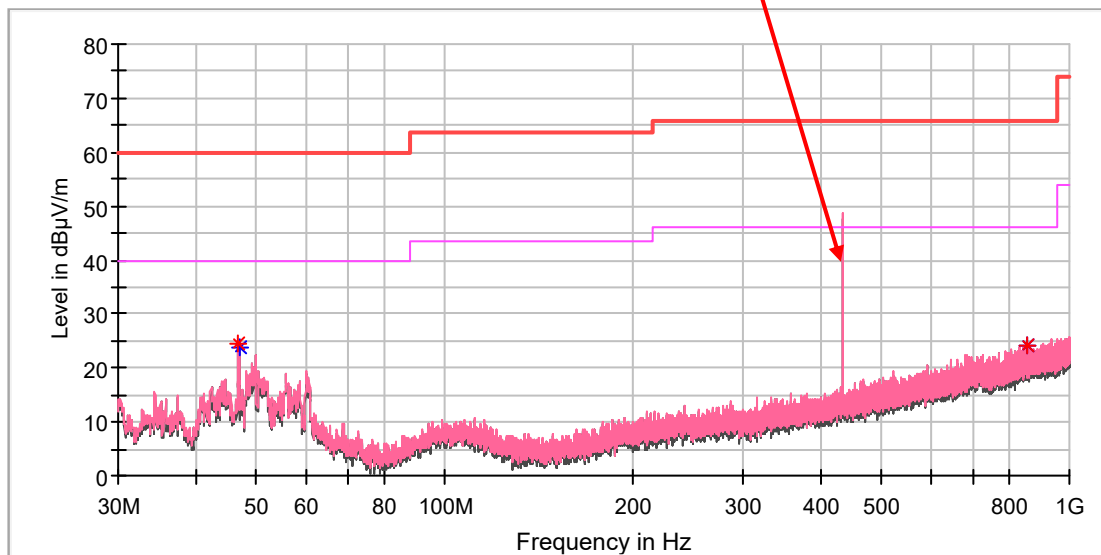
Final_Result

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

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	433.66MHz
Order No/Sample No:	168362165/A003222255-010
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

The emission is fundamental frequency signal



Critical Freqs

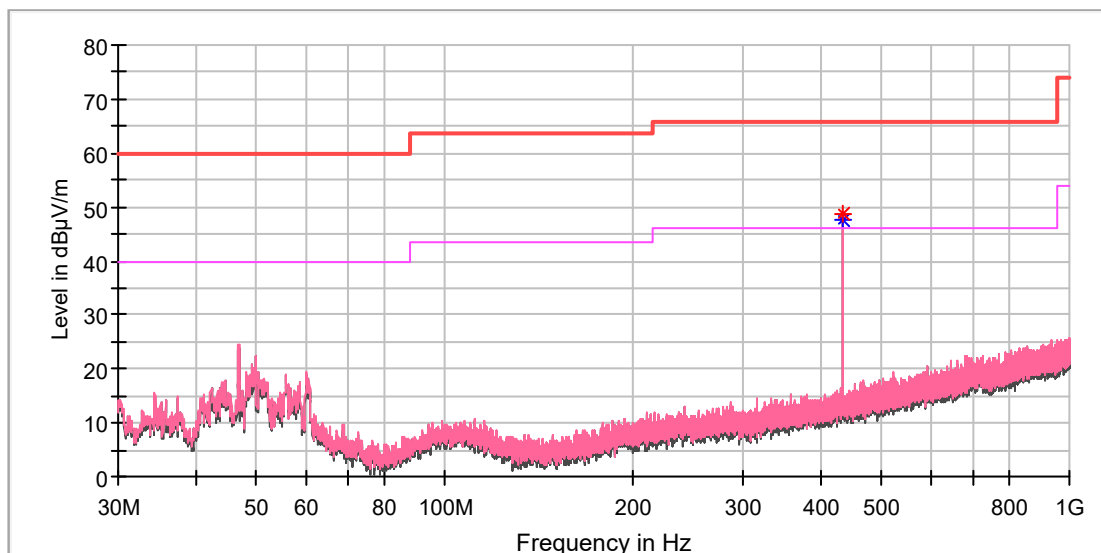
Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
46.863077	24.46	---	60.00	35.54	100.0	V	87.0	-18.9
46.900385	---	23.70	40.00	16.30	100.0	V	87.0	-18.8
857.298077	---	24.00	60.82	36.82	100.0	V	134.0	-5.8
857.298077	24.11	---	80.82	56.71	100.0	V	134.0	-5.8

Final Result

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

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	433.66MHz
Order No/Sample No:	168362165/A003222255-010
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
433.669231	---	47.74	80.82	33.08	100.0	V	98.0	-13.5
433.669231	48.58	---	100.82	52.24	100.0	V	98.0	-13.5

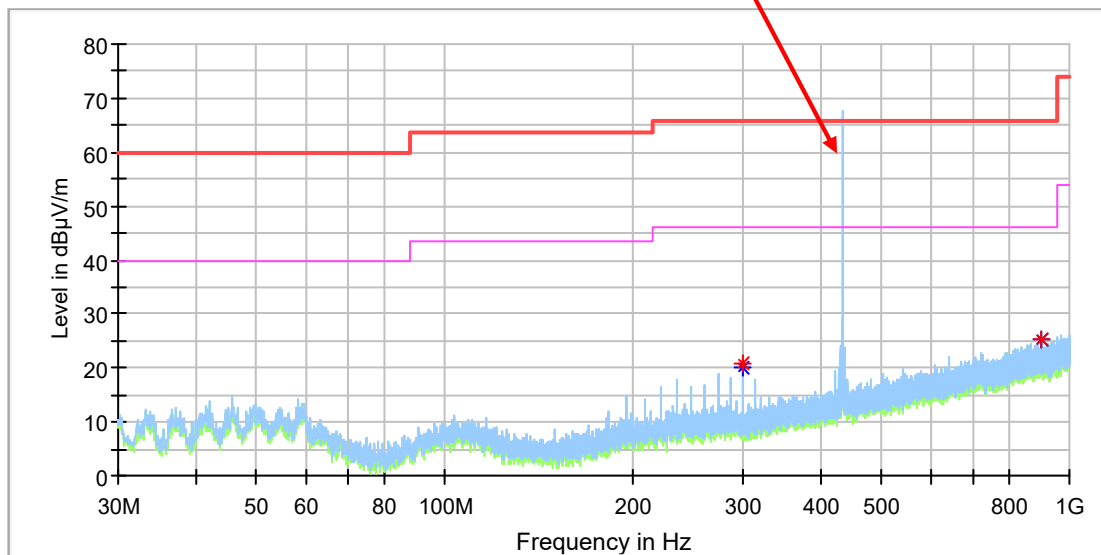
Final_Result

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

EUT Information

EUT Name: LOTUS EMIRA Key Fob
Model: T131
Test Mode: 434.18MHz
Order No/Sample No: 168362165/A003222255-009
Test Voltage:: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin

The emission is fundamental frequency signal



Critical Freqs

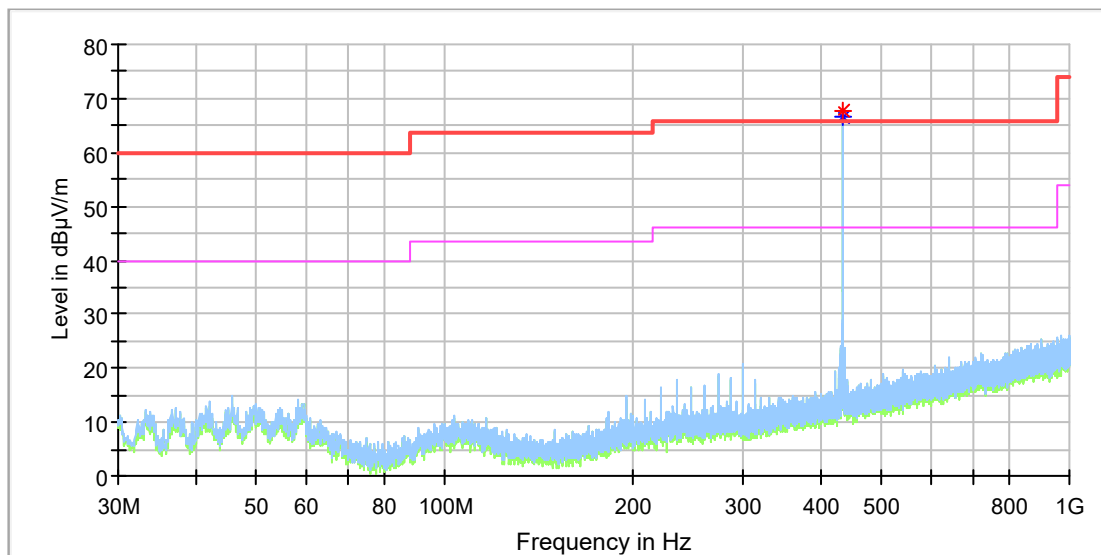
Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
300.853846	---	20.16	46.00	25.84	100.0	H	58.0	-16.6
300.891154	20.74	---	66.00	45.26	100.0	H	284.0	-16.6
899.567692	25.32	---	80.82	55.50	100.0	H	203.0	-5.4
899.567692	---	25.12	60.82	35.70	100.0	H	203.0	-5.4

Final Result

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

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	434.18MHz
Order No/Sample No:	168362165/A003222255-009
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

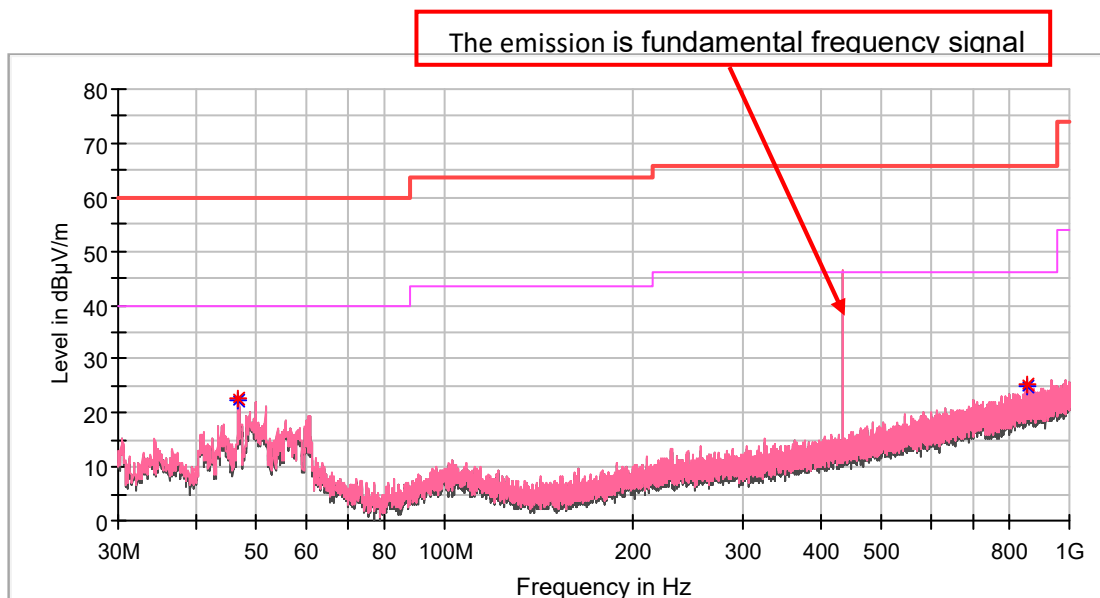
Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
434.228846	---	66.55	80.82	14.27	100.0	H	58.0	-13.5
434.228846	67.71	---	100.82	33.11	100.0	H	58.0	-13.5

Final Result

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

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	434.18MHz
Order No/Sample No:	168362165/A003222255-009
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

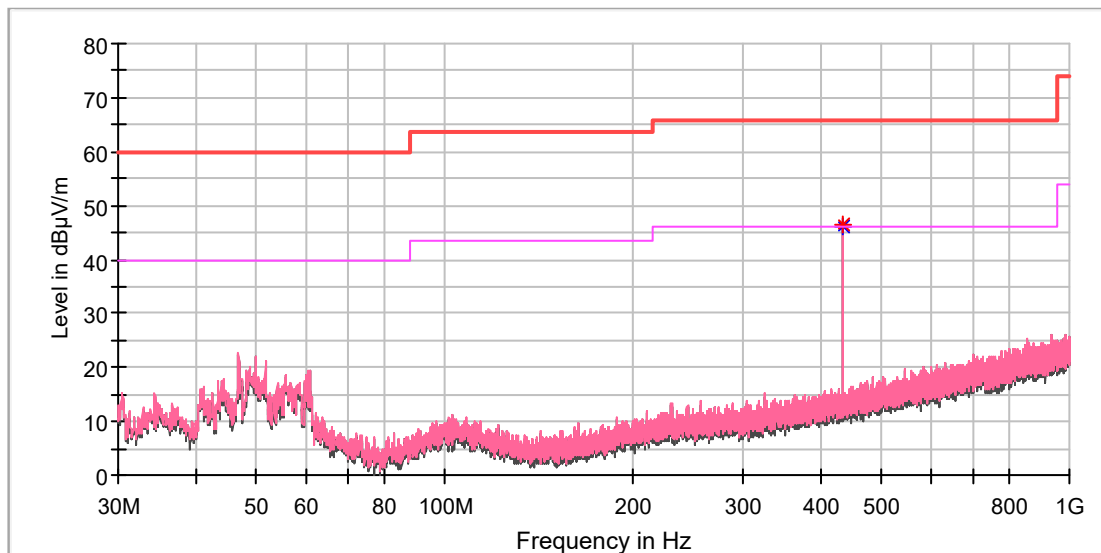
Frequency (MHz)	MaxPeak	Average (dBμV/m)	Limit (dBμV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
46.863077	22.67	---	60.00	37.33	100.0	V	131.0	-18.9
46.863077	---	22.32	40.00	17.68	100.0	V	131.0	-18.9
856.663846	25.18	---	80.82	55.64	100.0	V	224.0	-5.8
856.663846	---	25.06	60.82	35.76	100.0	V	224.0	-5.8

Final Result

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

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	434.18MHz
Order No/Sample No:	168362165/A003222255-009
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
434.191539	46.69	---	100.82	54.13	100.0	V	224.0	-13.5
434.191539	---	46.31	80.82	34.51	100.0	V	224.0	-13.5

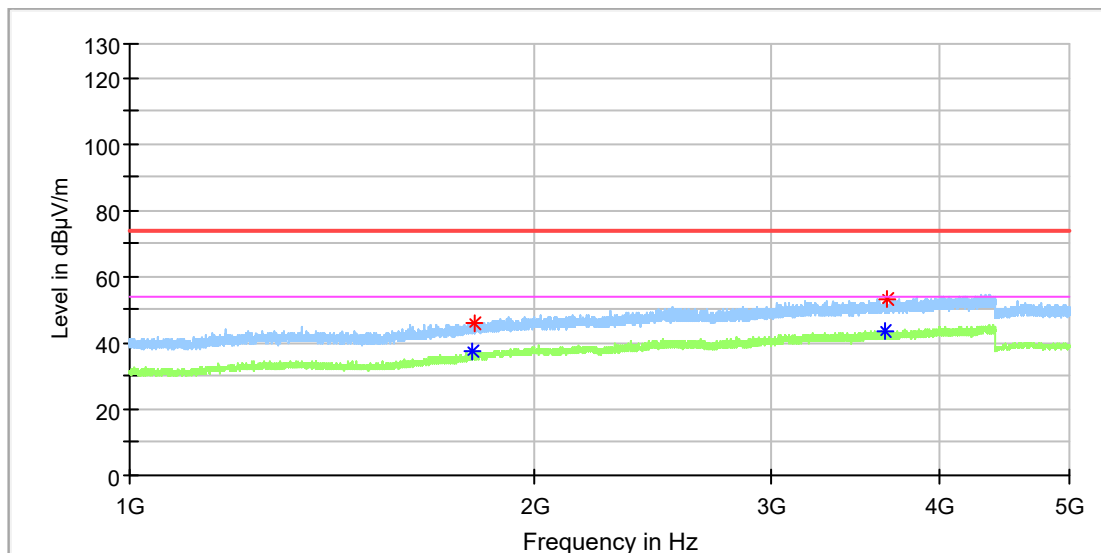
Final_Result

Frequency (MHz)	QuasiPeak	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/)
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B.4.2 Above 1GHz

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	433.66MHz
Order No/Sample No:	168362165/A003222255-010
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

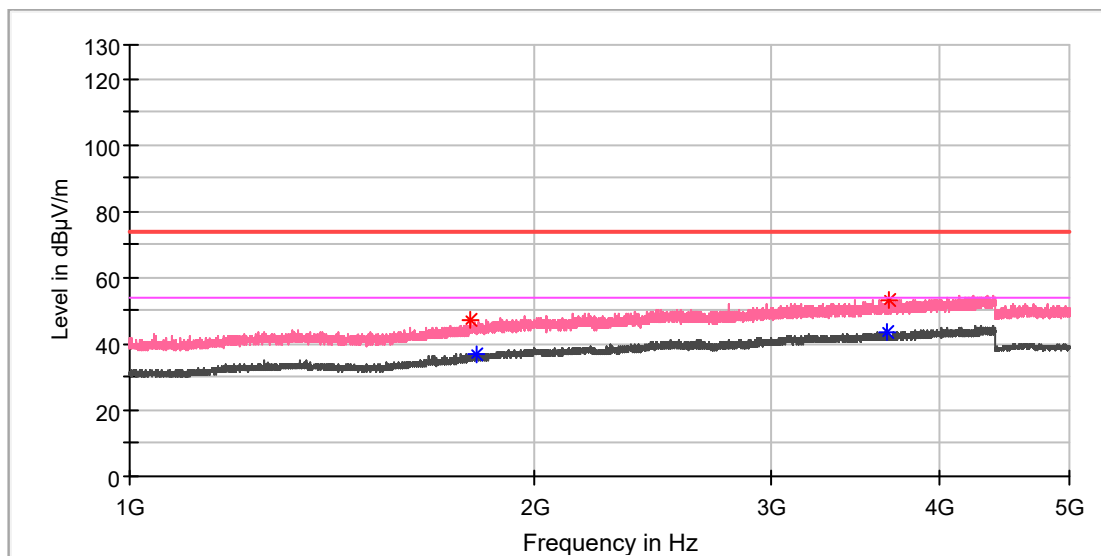
Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/m)
1796.110000	---	37.51	54.00	16.49	100.0	H	307.0	4.6
1802.910000	45.84	---	74.00	28.16	100.0	H	158.0	4.7
3642.990000	---	43.33	54.00	10.67	100.0	H	280.0	9.4
3658.120000	52.95	---	74.00	21.05	100.0	H	220.0	9.4

Final_Result

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

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	433.66MHz
Order No/Sample No:	168362165/A003222255-010
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

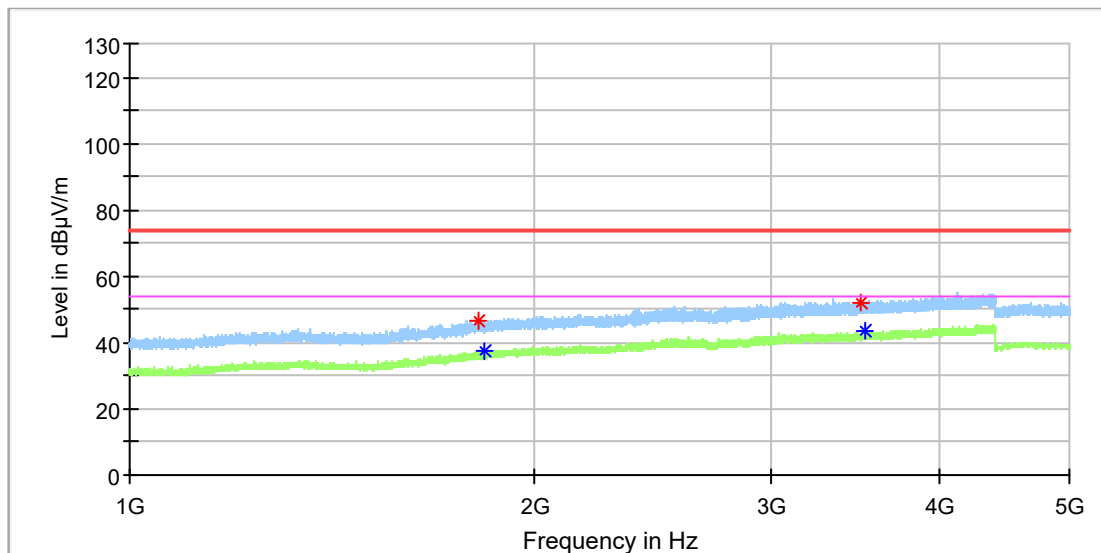
Frequency (MHz)	MaxPeak	Average	Limit	Margin	Height	Pol	Azimuth	Corr.
1795.090000	47.18	---	74.00	26.82	100.0	V	0.0	4.6
1813.620000	---	37.14	54.00	16.86	100.0	V	191.0	4.8
3654.380000	---	43.81	54.00	10.19	100.0	V	191.0	9.4
3672.060000	52.95	---	74.00	21.05	100.0	V	285.0	9.5

Final Result

Frequency (MHz)	MaxPeak	Limit	Margin	Height	Pol	Azimuth	Corr.
---	---	---	---	---	---	---	---

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	434.18MHz
Order No/Sample No:	168362165/A003222255-009
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

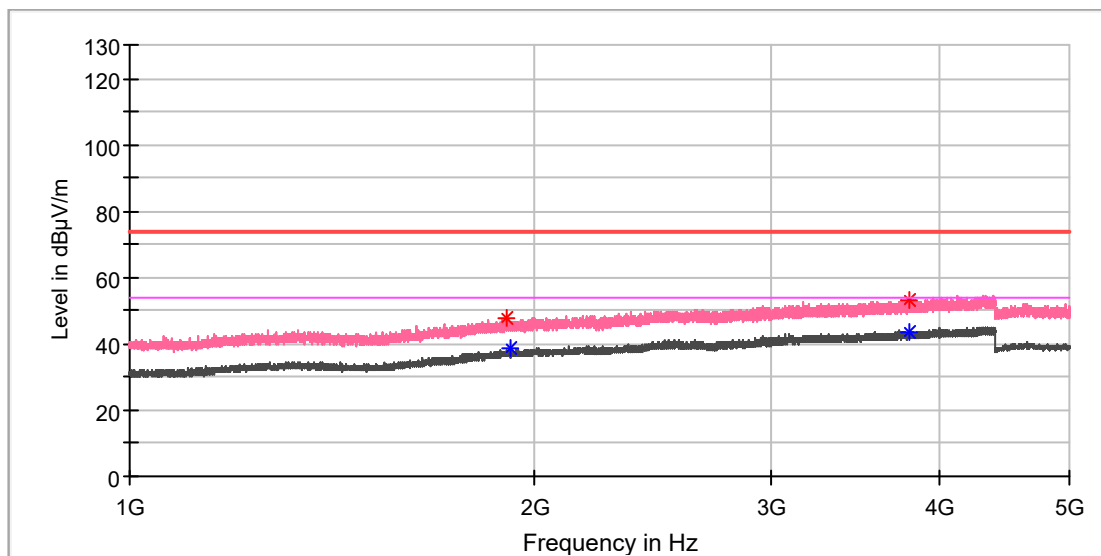
Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/m)
1819.910000	46.38	---	74.00	27.62	100.0	H	53.0	4.8
1832.660000	---	37.34	54.00	16.66	100.0	H	308.0	4.9
3504.100000	51.97	---	74.00	22.03	100.0	H	358.0	9.0
3527.390000	---	43.23	54.00	10.77	100.0	H	14.0	9.1

Final Result

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

EUT Information

EUT Name:	LOTUS EMIRA Key Fob
Model:	T131
Test Mode:	434.18MHz
Order No/Sample No:	168362165/A003222255-009
Test Voltage::	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak	Average (dBµV/m)	Limit (dBµV/m)	Margin	Height	Pol	Azimuth	Corr. (dB/m)
1909.160000	47.82	---	74.00	26.18	100.0	V	223.0	5.6
1921.740000	---	38.50	54.00	15.50	100.0	V	231.0	5.6
3795.310000	---	43.82	54.00	10.18	100.0	V	155.0	9.8
3799.220000	53.17	---	74.00	20.83	100.0	V	351.0	9.8

Final Result

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