

Appendix A: Test Results of Radiated Spurious Emissions

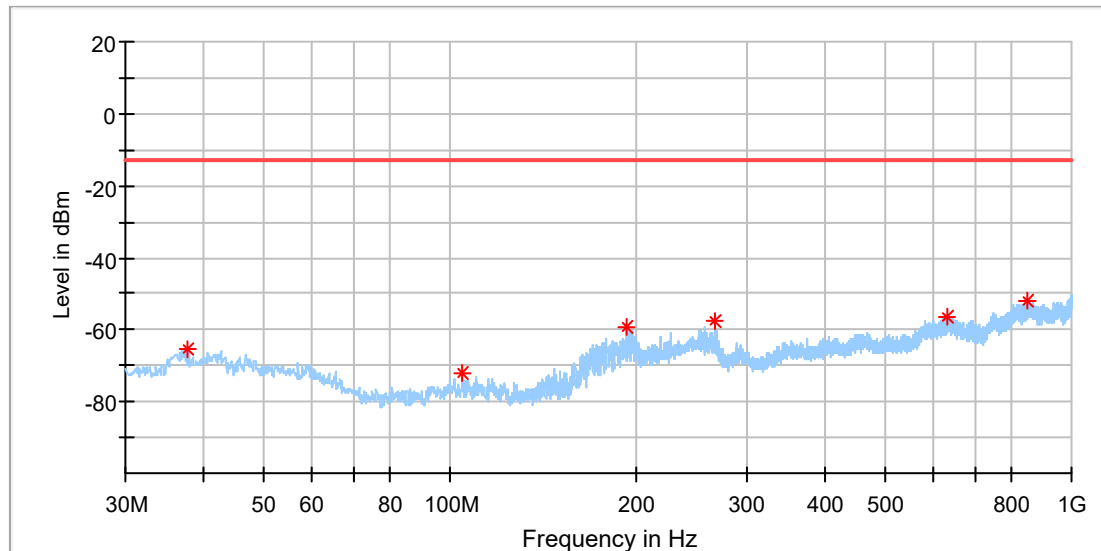
APPENDIX A: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS.....	1
APPENDIX A.1: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION, WCDMA BAND	2
WCDMA Band 2.....	2
WCDMA Band 4.....	8
WCDMA Band 5.....	14
APPENDIX A.2: TEST RESULTS OF FIELD STRENGTH OF SPURIOUS RADIATION, LTE BAND	20
LTE Band 12.....	20
LTE Band 13.....	26
LTE Band 14.....	32
LTE Band 25.....	38
LTE Band 26.....	44
LTE Band 66.....	50
LTE Band 71.....	56
APPENDIX A.3: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS, CO-LOCATION	62

Appendix A.1: Test Results of Field Strength of Spurious Radiation, WCDMA Band

WCDMA Band 2

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 2_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

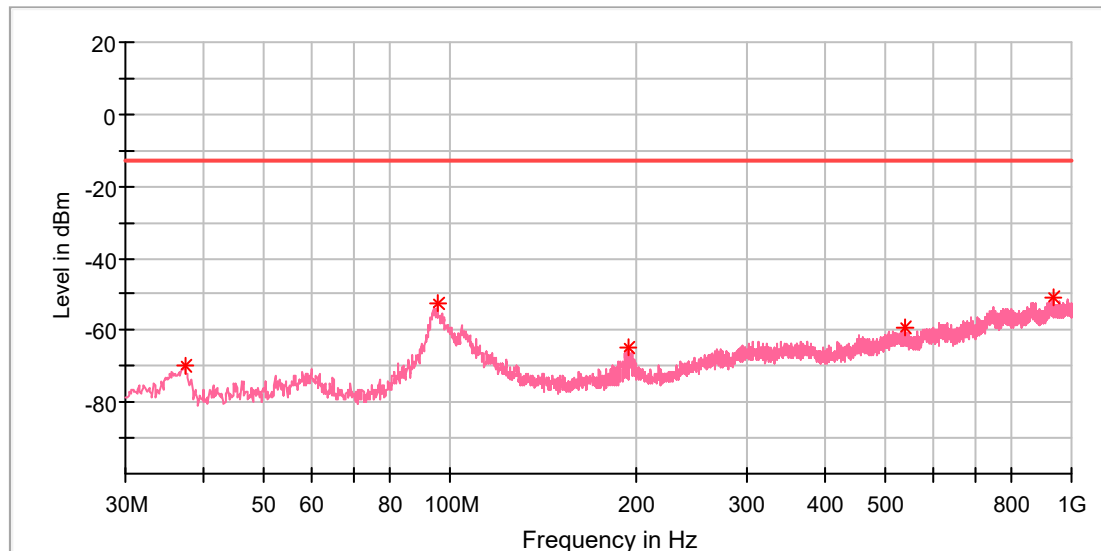


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.881250	-65.13	-13.00	52.13	100.0	H	330.0	-114.0
104.326250	-71.96	-13.00	58.96	100.0	H	146.0	-121.9
191.626250	-59.46	-13.00	46.46	100.0	H	301.0	-115.7
266.558750	-57.78	-13.00	44.78	100.0	H	27.0	-114.1
631.278750	-56.58	-13.00	43.58	100.0	H	171.0	-105.0
850.377500	-52.15	-13.00	39.15	100.0	H	166.0	-100.1

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 2_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

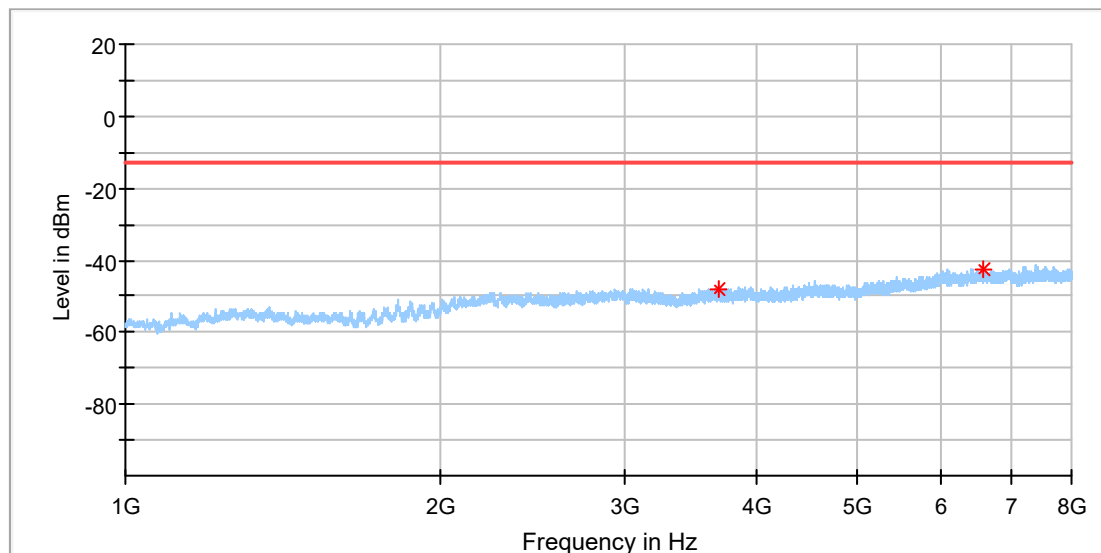


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-69.87	-13.00	56.87	100.0	V	36.0	-125.7
95.717500	-52.56	-13.00	39.56	100.0	V	153.0	-100.7
193.202500	-64.58	-13.00	51.58	100.0	V	96.0	-118.4
540.583750	-59.41	-13.00	46.41	100.0	V	179.0	-107.7
936.222500	-50.88	-13.00	37.88	100.0	V	41.0	-100.6

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: WCDMA Band 2_RMC12.2K_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin

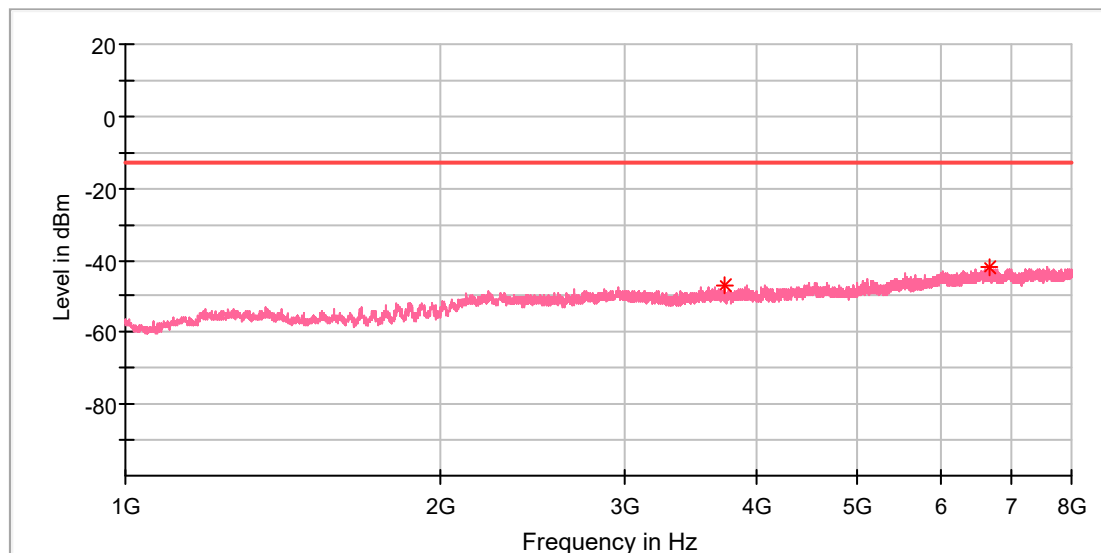


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3680.000000	-47.86	-13.00	34.86	150.0	H	243.0	-86.7
6592.500000	-42.28	-13.00	29.28	150.0	H	250.0	-81.1

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: WCDMA Band 2_RMC12.2K_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin

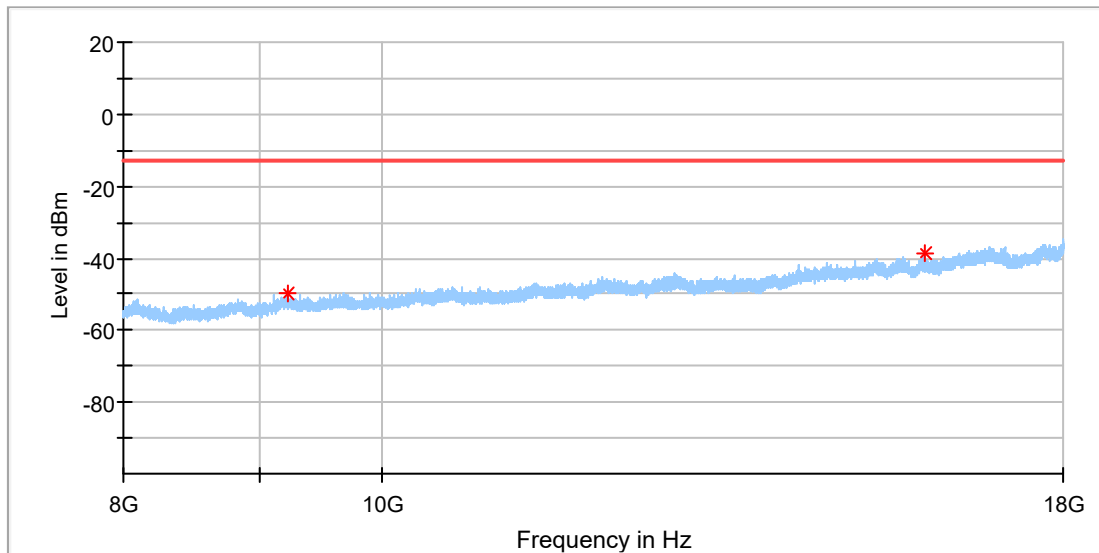


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3740.000000	-46.79	-13.00	33.79	150.0	V	316.0	-86.8
6665.500000	-42.03	-13.00	29.03	150.0	V	345.0	-81.4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 2_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

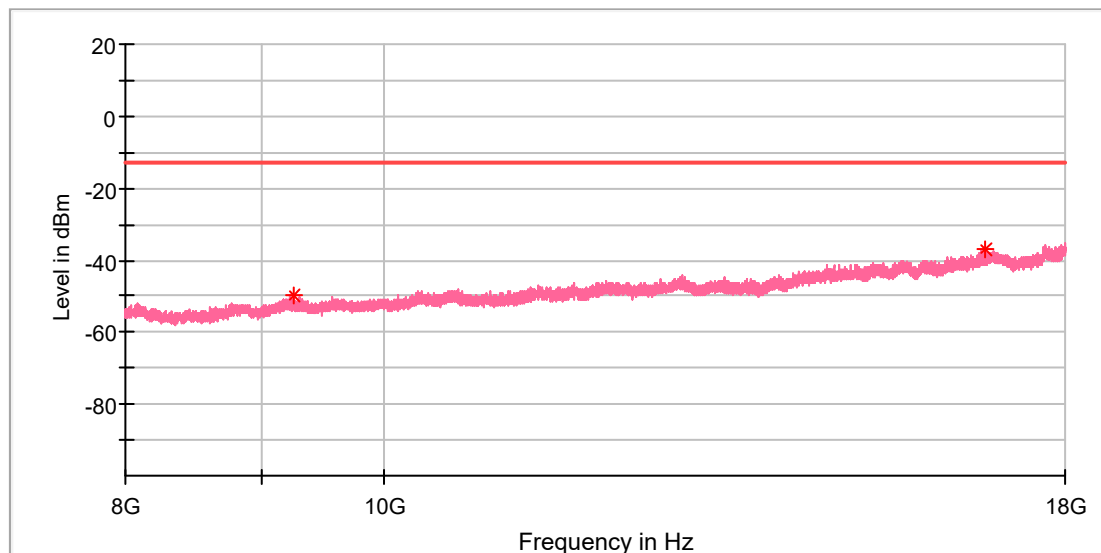


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9218.000000	-49.71	-13.00	36.71	150.0	H	104.0	-83.8
15962.500000	-38.64	-13.00	25.64	150.0	H	160.0	-76.5

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: WCDMA Band 2_RMC12.2K_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin



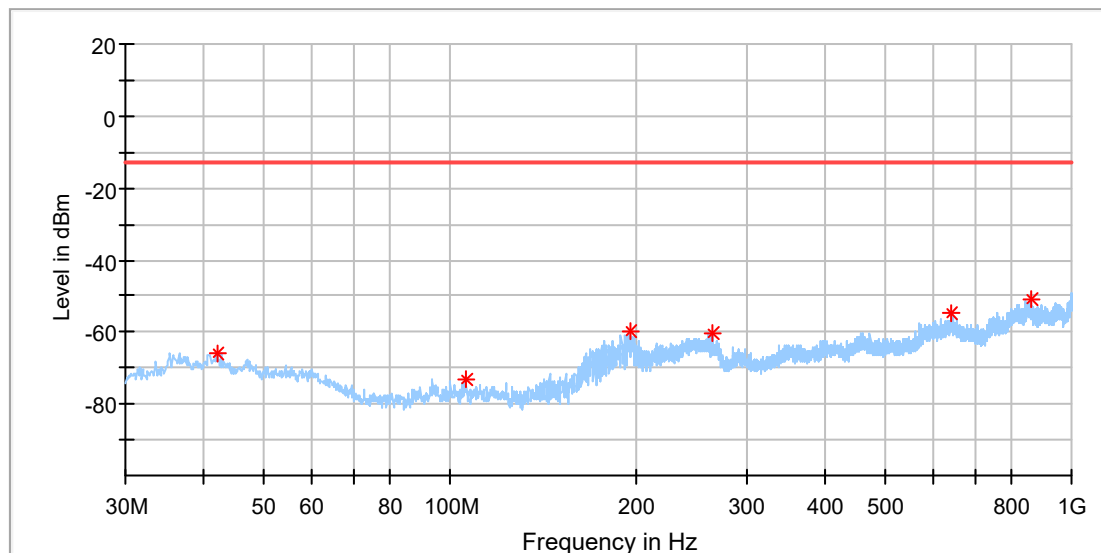
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9257.000000	-49.95	-13.00	36.95	150.0	V	242.0	-83.9
16805.000000	-36.98	-13.00	23.98	150.0	V	140.0	-73.6

WCDMA Band 4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 4_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

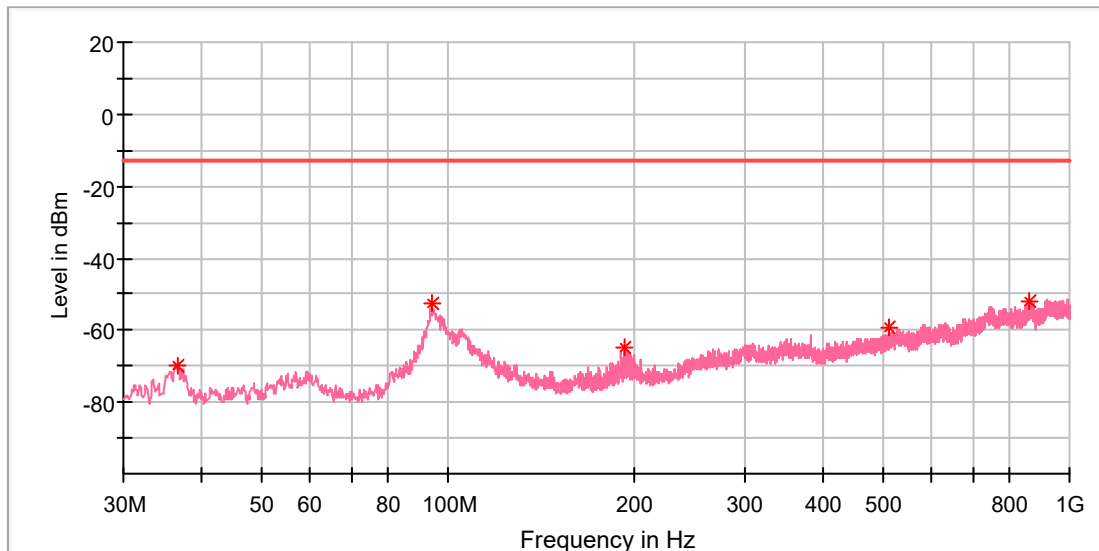


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.246250	-65.68	-13.00	52.68	100.0	H	140.0	-112.4
106.145000	-73.24	-13.00	60.24	100.0	H	346.0	-121.1
194.415000	-59.80	-13.00	46.80	100.0	H	276.0	-115.3
264.982500	-60.12	-13.00	47.12	100.0	H	47.0	-113.8
641.221250	-55.00	-13.00	42.00	100.0	H	150.0	-104.7
858.865000	-50.70	-13.00	37.70	100.0	H	166.0	-100.6

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 4_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

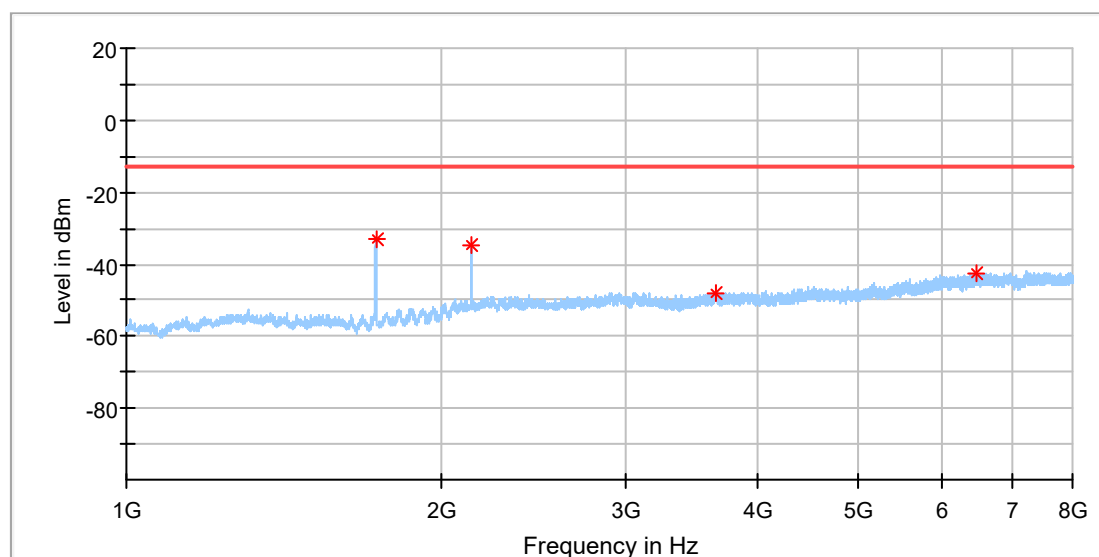


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.790000	-69.68	-13.00	56.68	100.0	V	43.0	-125.5
93.898750	-52.68	-13.00	39.68	100.0	V	8.0	-100.1
192.838750	-65.06	-13.00	52.06	100.0	V	48.0	-118.5
512.938750	-59.51	-13.00	46.51	100.0	V	347.0	-108.4
865.048750	-52.05	-13.00	39.05	100.0	V	121.0	-100.8

EUT Information

EUT Name: Home Communication Unit
 Model: HUB-300
 Test Mode: WCDMA Band 4_RMC12.2K_Mid channel
 Order No/Sample No: 168443071/A003550494-002
 Test Voltage: AC 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC Part 27
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

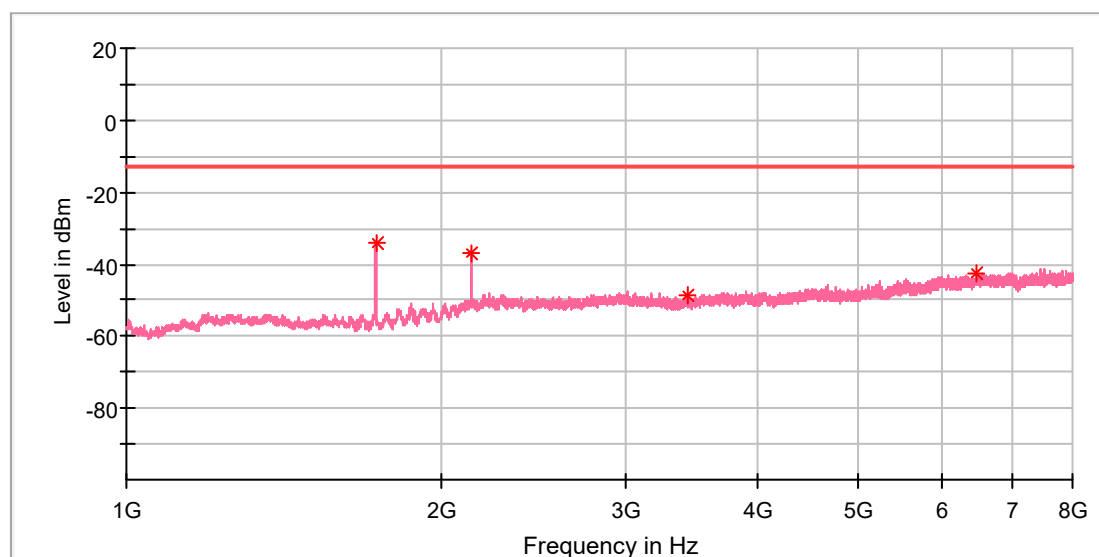


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1731.500000	-33.22	-13.00	20.22	150.0	H	199.0	-91.4
2134.000000	-34.80	-13.00	21.80	150.0	H	11.0	-88.3
3645.500000	-48.00	-13.00	35.00	150.0	H	128.0	-86.8
6488.000000	-42.41	-13.00	29.41	150.0	H	19.0	-81.3

EUT Information

EUT Name: Home Communication Unit
 Model: HUB-300
 Test Mode: WCDMA Band 4_RMC12.2K_Mid channel
 Order No/Sample No: 168443071/A003550494-002
 Test Voltage: AC 120V/60Hz
 Remark: Temp 22 Humi:52%
 Test Standard: FCC Part 27
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

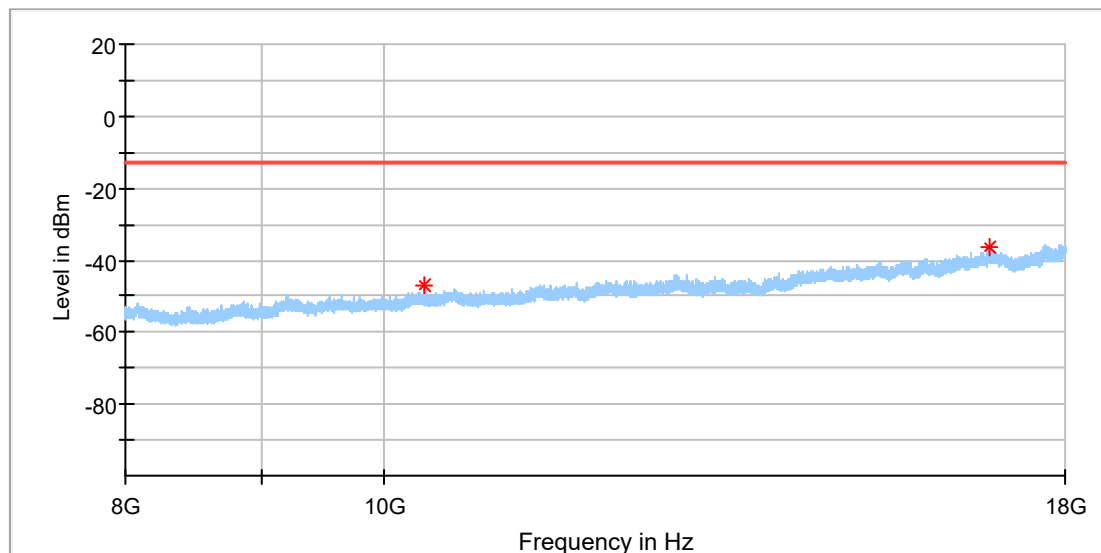


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1731.500000	-33.90	-13.00	20.90	150.0	V	187.0	-91.6
2133.500000	-36.83	-13.00	23.83	150.0	V	52.0	-87.7
3435.000000	-48.73	-13.00	35.73	150.0	V	229.0	-87.4
6474.000000	-42.46	-13.00	29.46	150.0	V	147.0	-81.4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 4_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

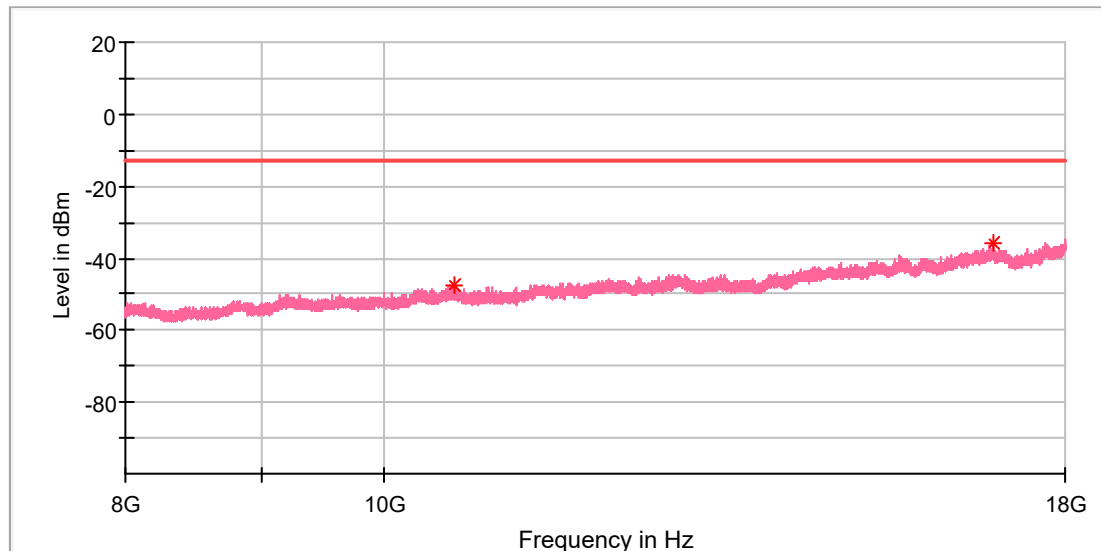


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10352.500000	-47.03	-13.00	34.03	150.0	H	119.0	-82.6
16869.000000	-36.51	-13.00	23.51	150.0	H	6.0	-73.2

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: WCDMA Band 4_RMC12.2K_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin



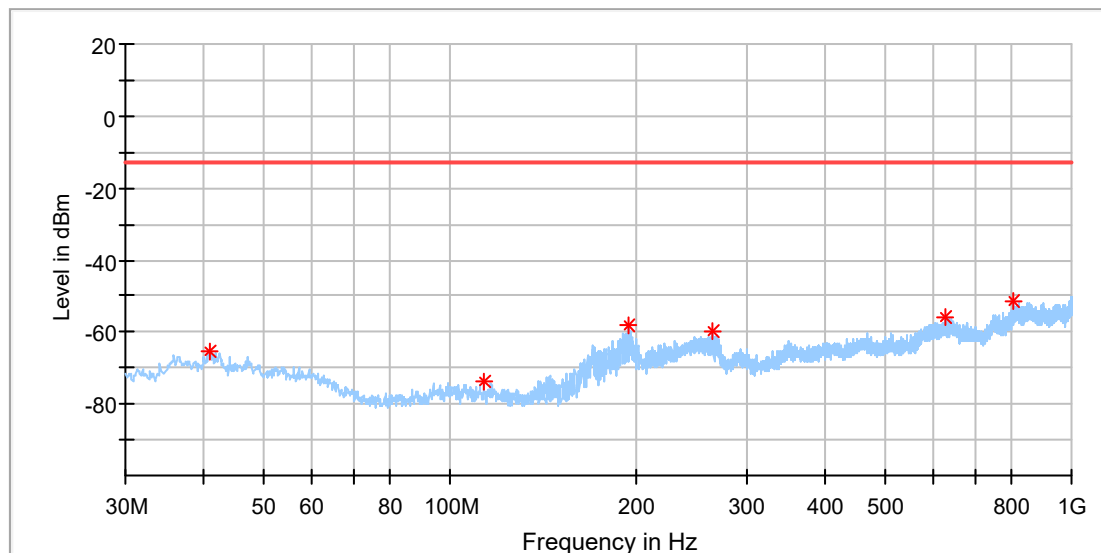
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10631.500000	-47.37	-13.00	34.37	150.0	V	117.0	-82.6
16904.000000	-35.73	-13.00	22.73	150.0	V	297.0	-73.0

WCDMA Band 5

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 5_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

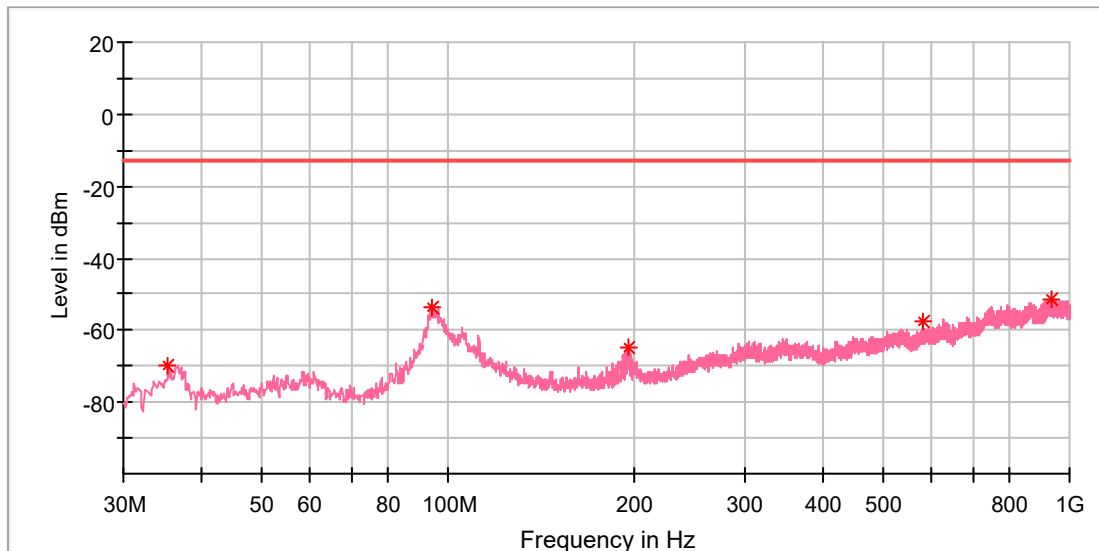


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-65.40	-13.00	52.40	100.0	H	59.0	-112.3
113.420000	-73.62	-13.00	60.62	100.0	H	354.0	-122.4
194.172500	-57.99	-13.00	44.99	100.0	H	108.0	-115.3
264.982500	-59.71	-13.00	46.71	100.0	H	171.0	-113.8
625.580000	-55.69	-13.00	42.69	100.0	H	146.0	-105.4
807.091250	-51.49	-13.00	38.49	100.0	H	38.0	-102.0

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 5_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

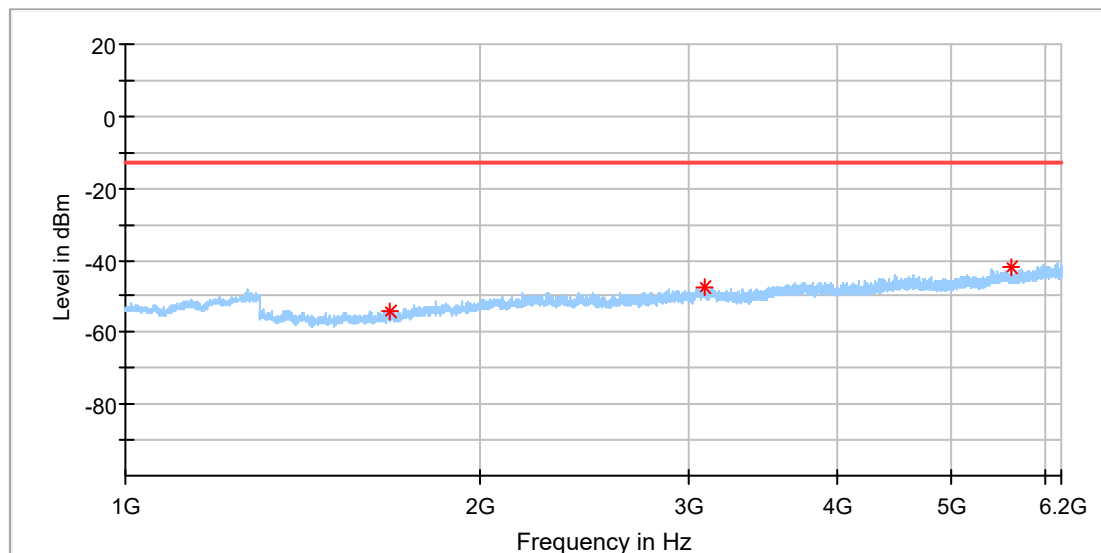


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.456250	-69.78	-13.00	56.78	100.0	V	216.0	-126.4
94.141250	-53.41	-13.00	40.41	100.0	V	285.0	-99.7
195.748750	-64.63	-13.00	51.63	100.0	V	62.0	-118.0
580.232500	-57.81	-13.00	44.81	100.0	V	185.0	-106.7
933.433750	-51.19	-13.00	38.19	100.0	V	296.0	-100.5

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: WCDMA Band 5_RMC12.2K_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

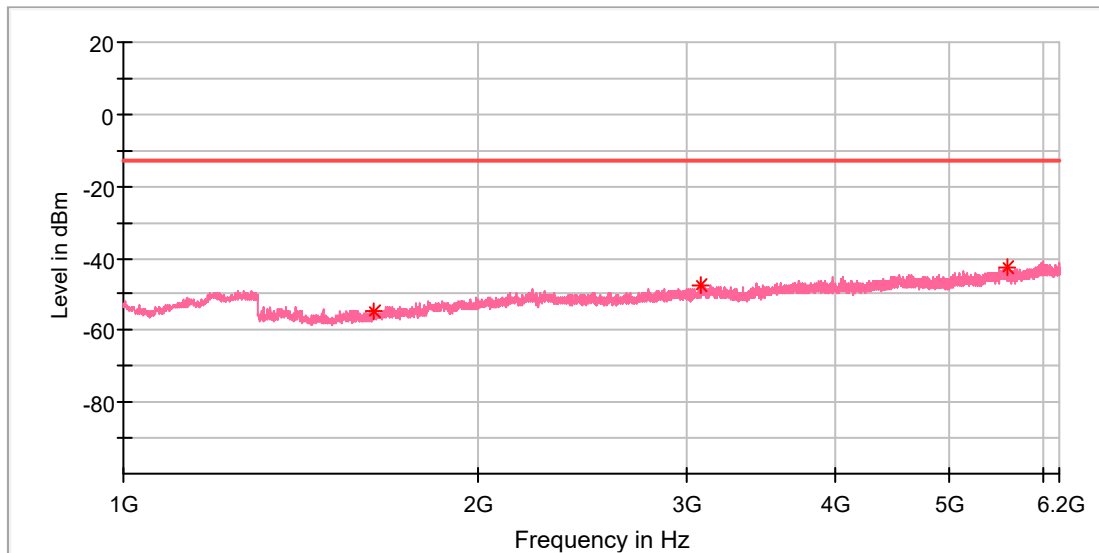


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1676.500000	-54.08	-13.00	41.08	150.0	H	197.0	-92.4
3092.500000	-47.55	-13.00	34.55	150.0	H	348.0	-86.2
5620.000000	-42.21	-13.00	29.21	150.0	H	286.0	-82.0

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 5_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

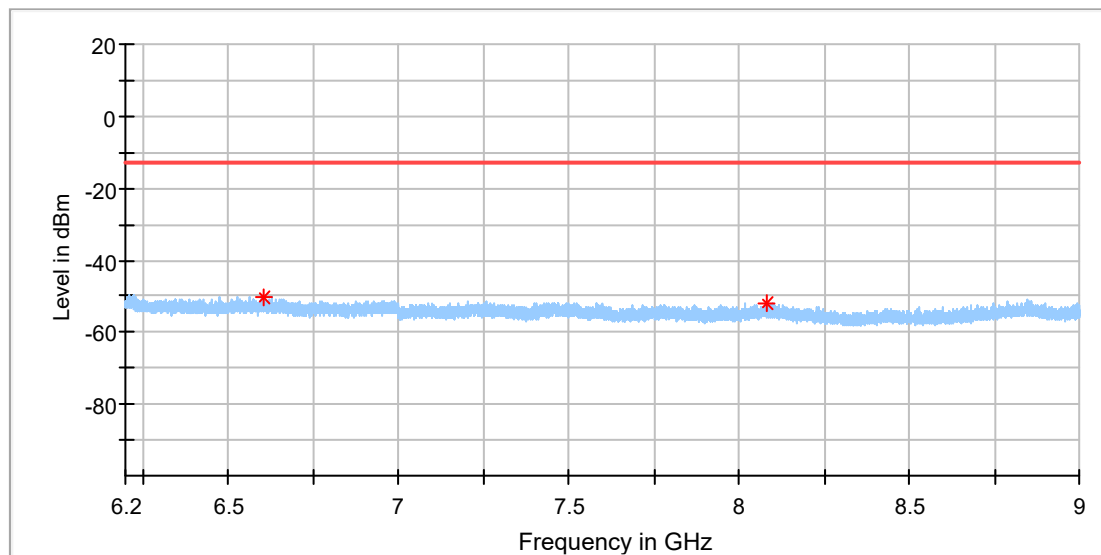


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1631.000000	-54.59	-13.00	41.59	150.0	V	335.0	-92.5
3086.500000	-47.66	-13.00	34.66	150.0	V	215.0	-86.3
5590.500000	-42.68	-13.00	29.68	150.0	V	238.0	-82.0

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 5_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

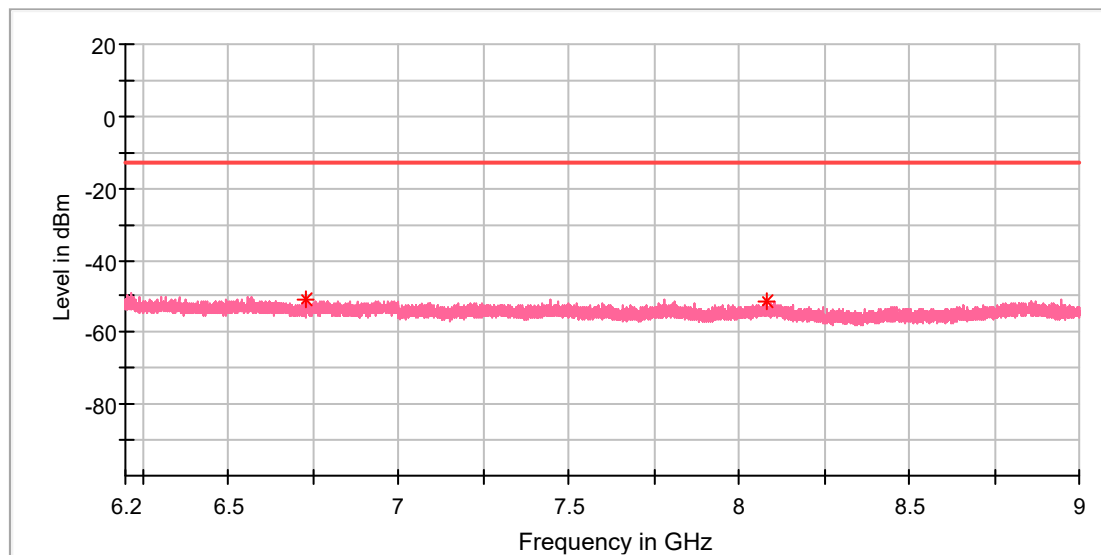


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6606.583333	-50.06	-13.00	37.06	150.0	H	220.0	-86.8
8080.316667	-51.77	-13.00	38.77	150.0	H	160.0	-86.3

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	WCDMA Band 5_RMC12.2K_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

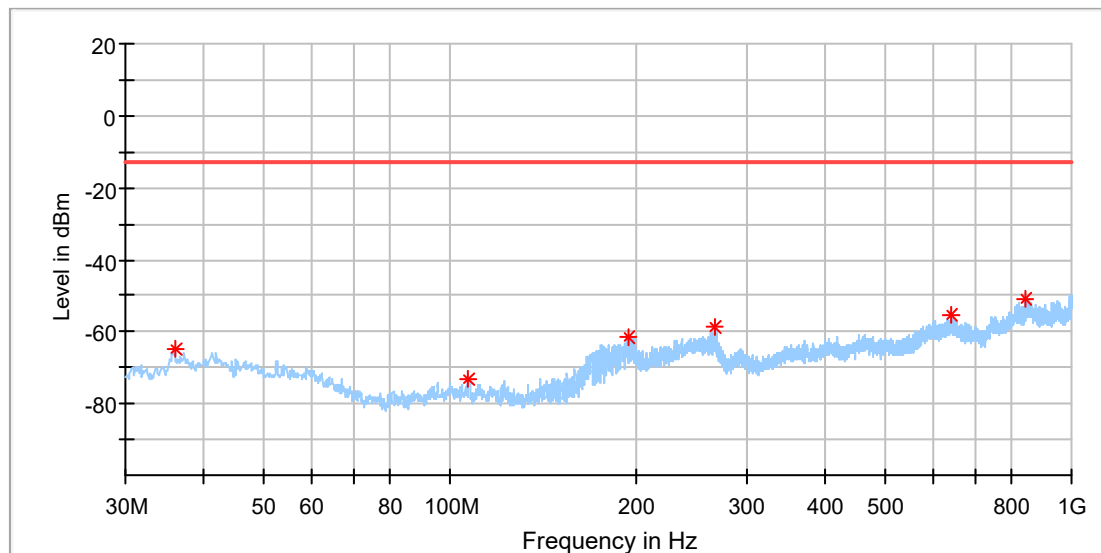
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6730.483333	-51.08	-13.00	38.08	150.0	V	8.0	-87.5
8083.700000	-51.21	-13.00	38.21	150.0	V	198.0	-86.3

Appendix A.2: Test Results of Field Strength of Spurious Radiation, LTE Band

LTE Band 12

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

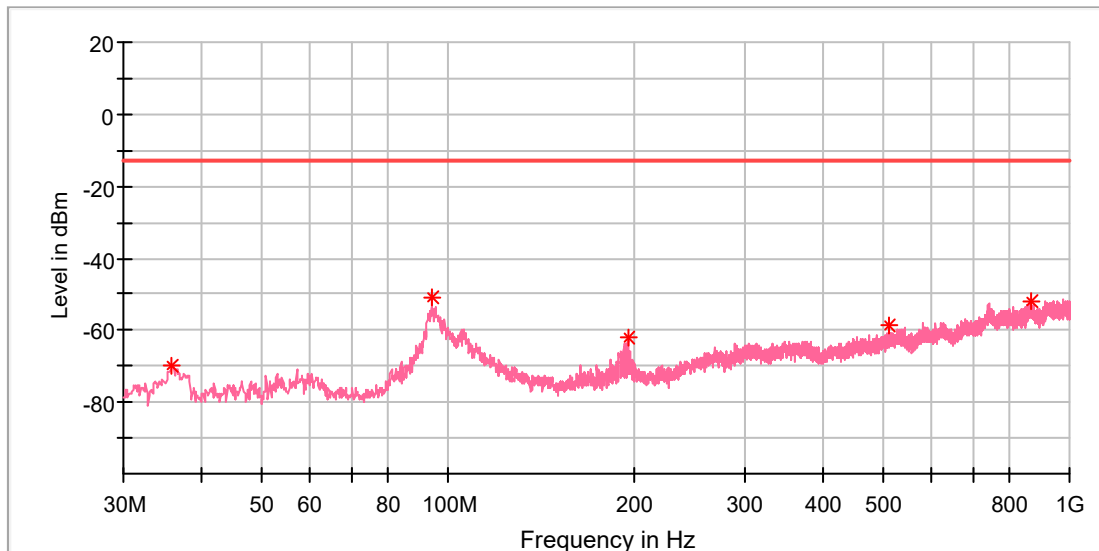


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-65.02	-13.00	52.02	100.0	H	337.0	-113.3
107.236250	-73.00	-13.00	60.00	100.0	H	0.0	-121.7
193.081250	-61.24	-13.00	48.24	100.0	H	24.0	-115.5
266.437500	-58.83	-13.00	45.83	100.0	H	200.0	-114.1
640.130000	-55.26	-13.00	42.26	100.0	H	225.0	-104.7
843.587500	-50.68	-13.00	37.68	100.0	H	79.0	-101.0

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

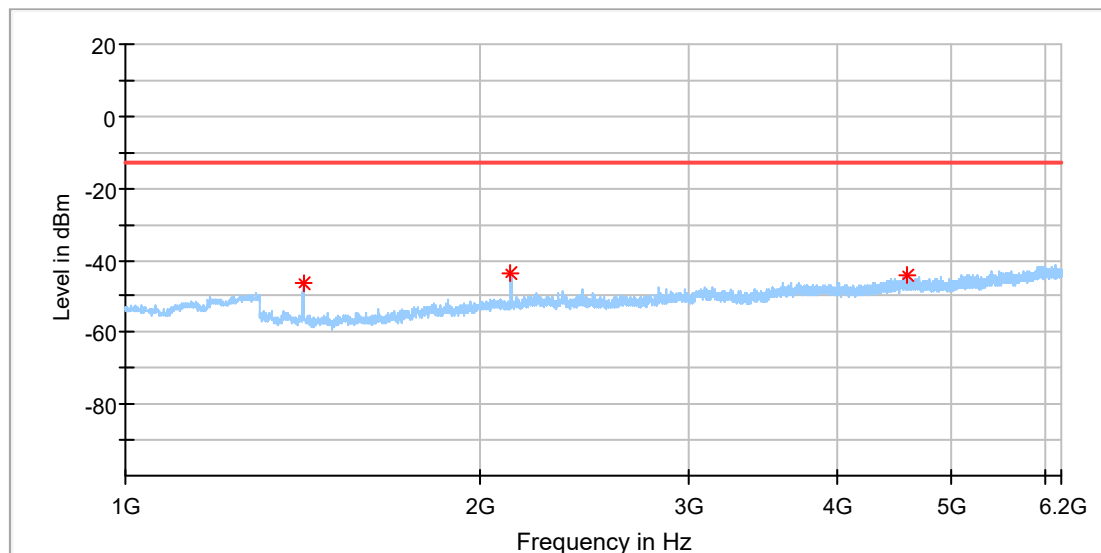


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.941250	-69.88	-13.00	56.88	100.0	V	257.0	-125.7
94.262500	-50.89	-13.00	37.89	100.0	V	251.0	-99.6
194.536250	-61.87	-13.00	48.87	100.0	V	53.0	-118.1
513.545000	-58.95	-13.00	45.95	100.0	V	172.0	-108.3
867.231250	-51.76	-13.00	38.76	100.0	V	18.0	-100.8

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

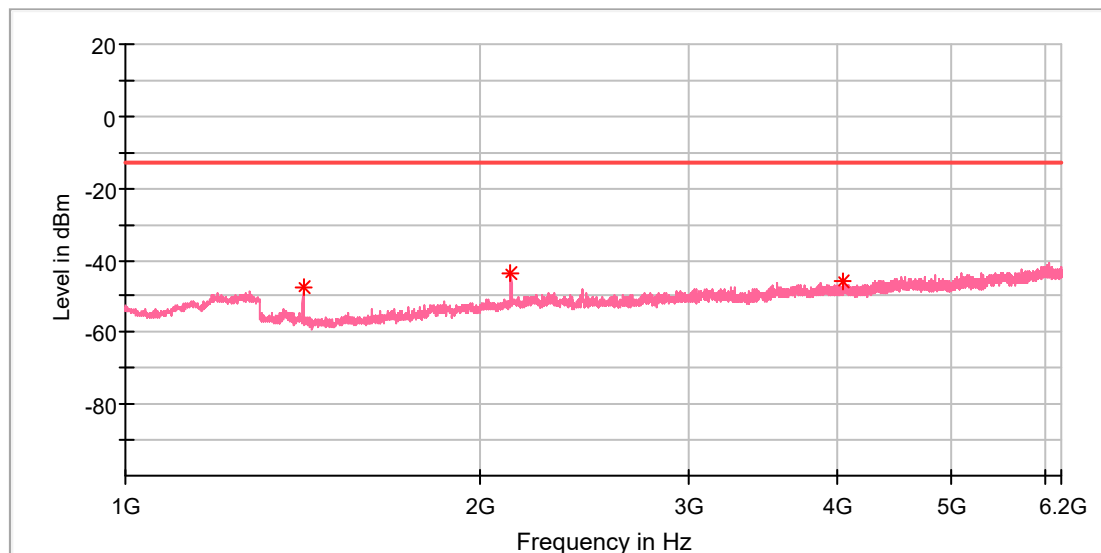


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-46.46	-13.00	33.46	150.0	H	253.0	-92.5
2120.500000	-43.81	-13.00	30.81	150.0	H	284.0	-88.6
4586.000000	-44.29	-13.00	31.29	150.0	H	307.0	-83.7

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

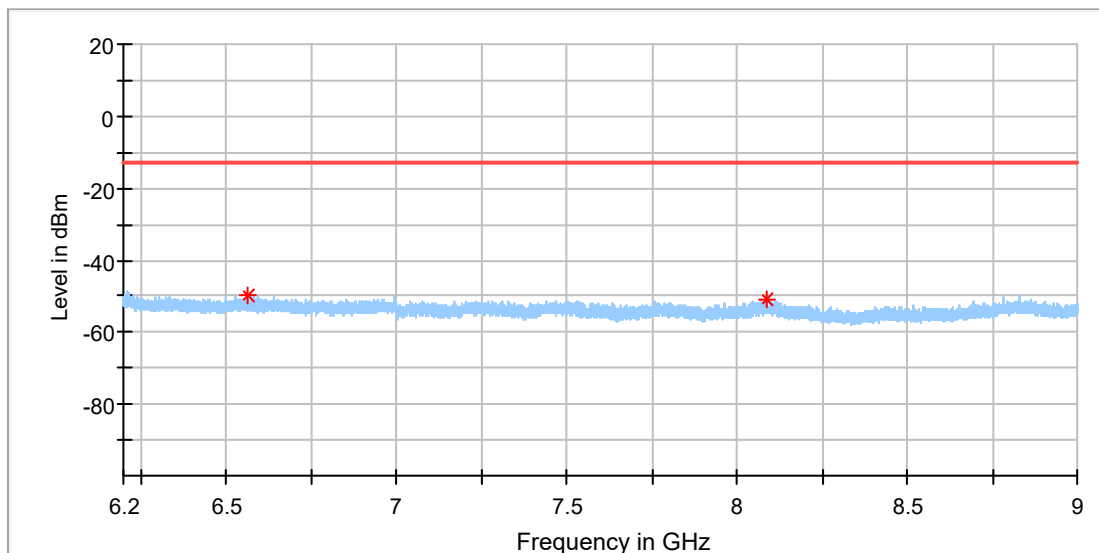


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-47.56	-13.00	34.56	150.0	V	163.0	-92.9
2121.000000	-43.62	-13.00	30.62	150.0	V	66.0	-88.1
4051.500000	-45.59	-13.00	32.59	150.0	V	347.0	-85.2

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

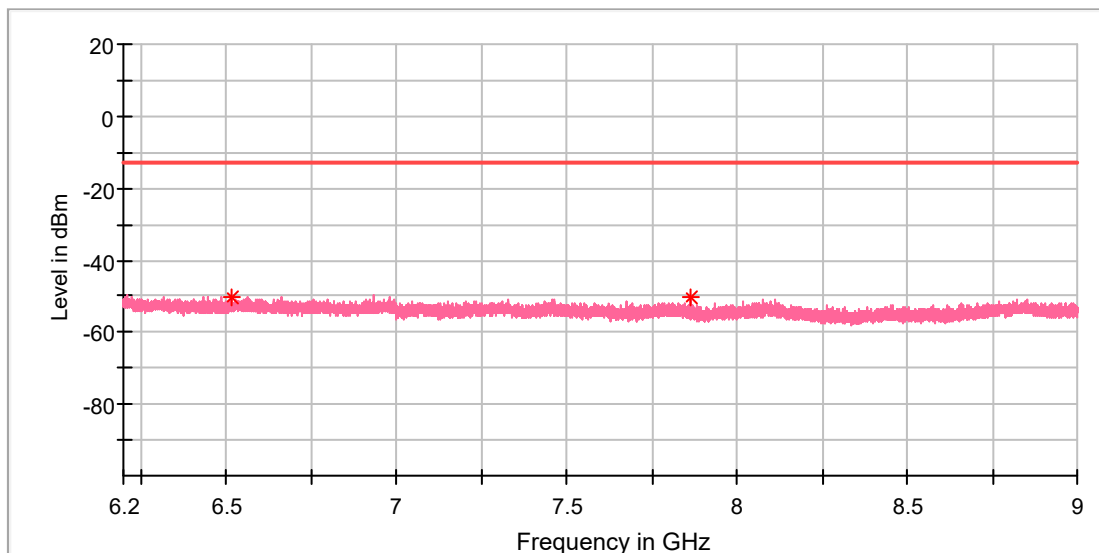


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6564.116667	-49.84	-13.00	36.84	150.0	H	151.0	-86.6
8085.916667	-50.93	-13.00	37.93	150.0	H	101.0	-86.3

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 12_1.4M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin



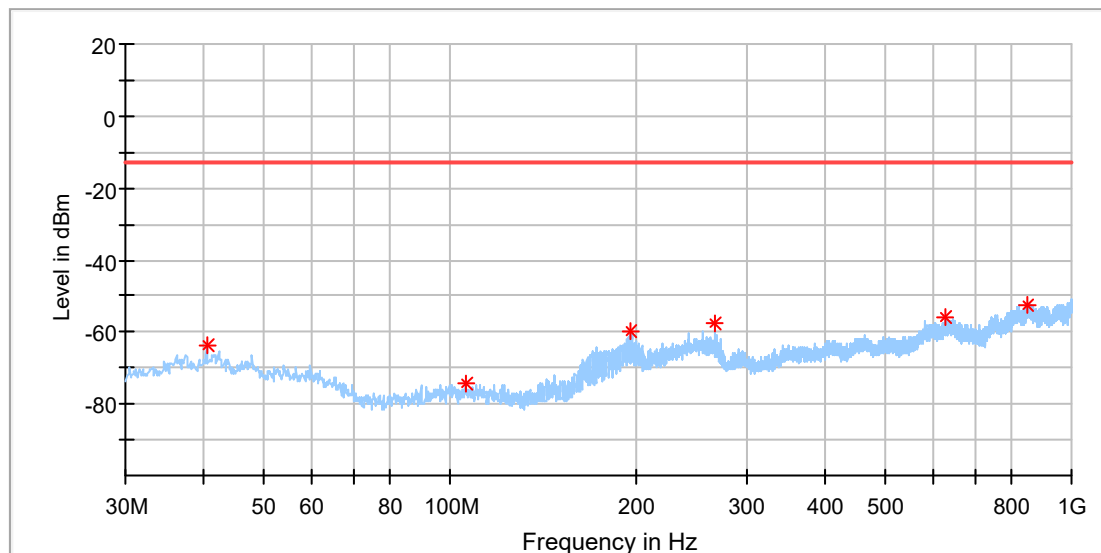
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6516.283333	-50.22	-13.00	37.22	150.0	V	0.0	-86.7
7862.033333	-50.24	-13.00	37.24	150.0	V	11.0	-87.0

LTE Band 13

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

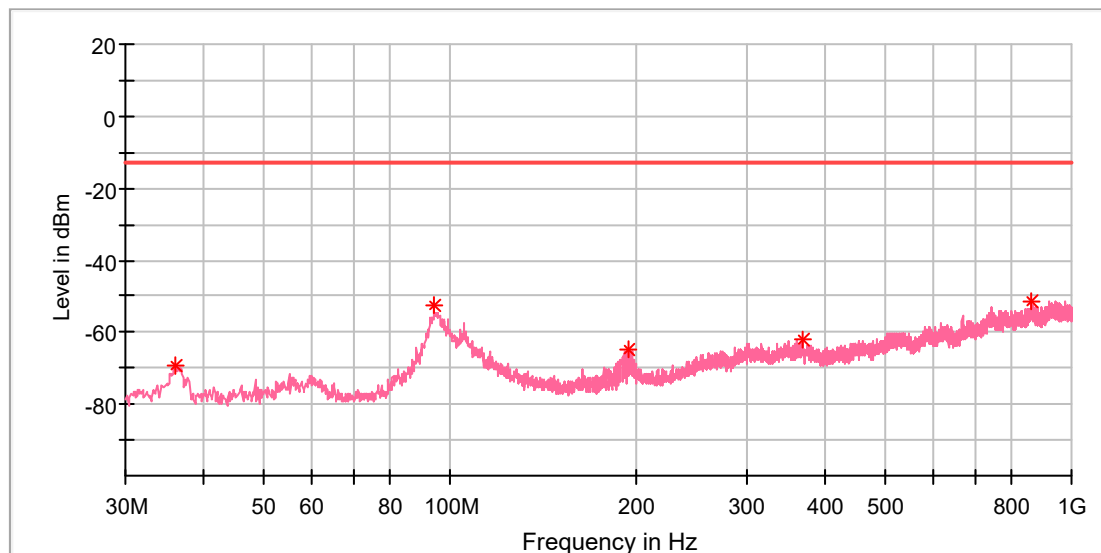


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
40.548750	-63.89	-13.00	50.89	100.0	H	101.0	-112.7
105.781250	-74.05	-13.00	61.05	100.0	H	91.0	-121.2
194.415000	-59.56	-13.00	46.56	100.0	H	42.0	-115.3
266.801250	-57.48	-13.00	44.48	100.0	H	182.0	-114.2
624.367500	-56.13	-13.00	43.13	100.0	H	161.0	-105.5
848.680000	-52.42	-13.00	39.42	100.0	H	152.0	-100.2

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

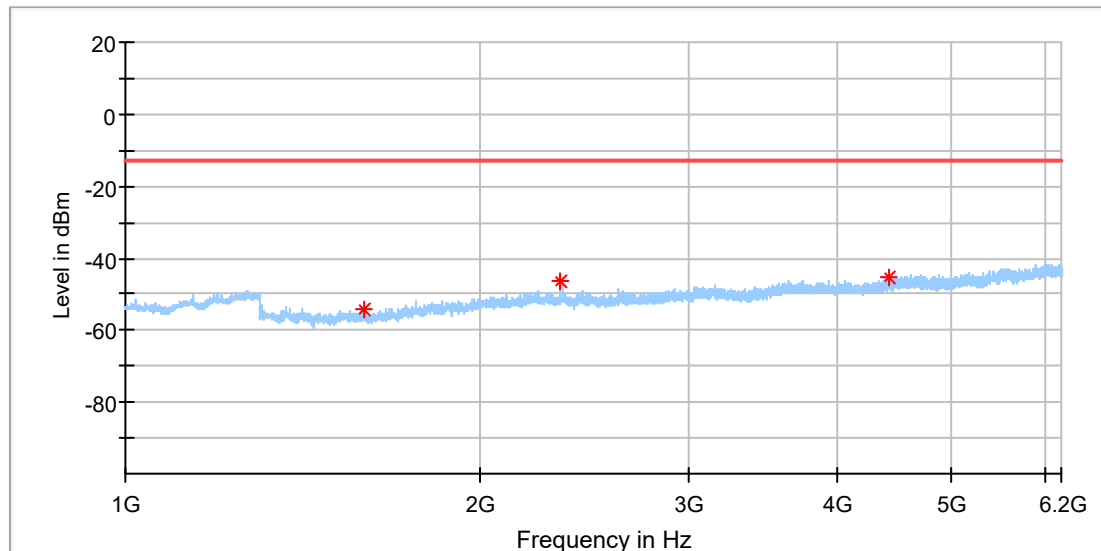


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-69.52	-13.00	56.52	100.0	V	139.0	-125.6
94.141250	-52.69	-13.00	39.69	100.0	V	0.0	-99.7
194.293750	-64.64	-13.00	51.65	100.0	V	336.0	-118.2
369.136250	-61.85	-13.00	48.85	100.0	V	164.0	-110.9
864.927500	-51.57	-13.00	38.57	100.0	V	92.0	-100.8

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

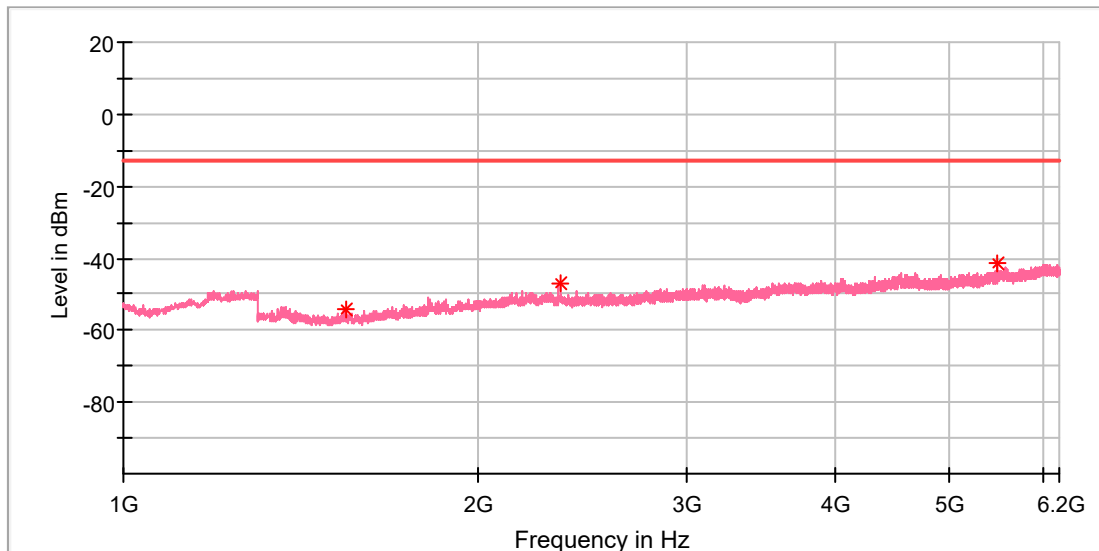


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1591.000000	-54.18	-13.00	41.18	150.0	H	137.0	-92.7
2339.000000	-46.36	-13.00	33.36	150.0	H	300.0	-87.6
4434.500000	-45.53	-13.00	32.53	150.0	H	272.0	-84.3

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

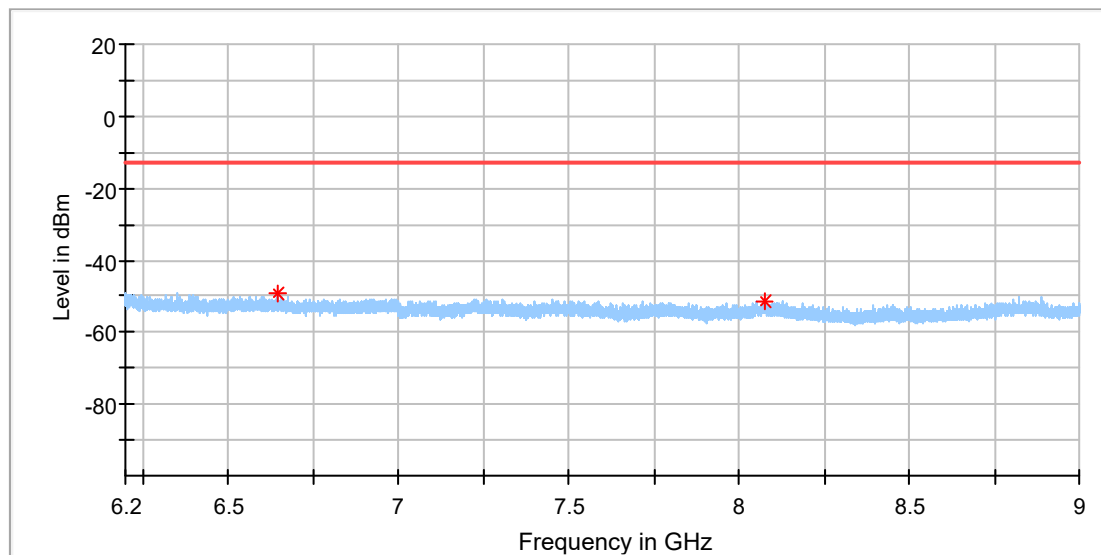


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1542.000000	-54.05	-13.00	41.05	150.0	V	329.0	-93.0
2339.500000	-47.19	-13.00	34.19	150.0	V	194.0	-87.9
5503.000000	-41.20	-13.00	28.20	150.0	V	235.0	-81.8

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

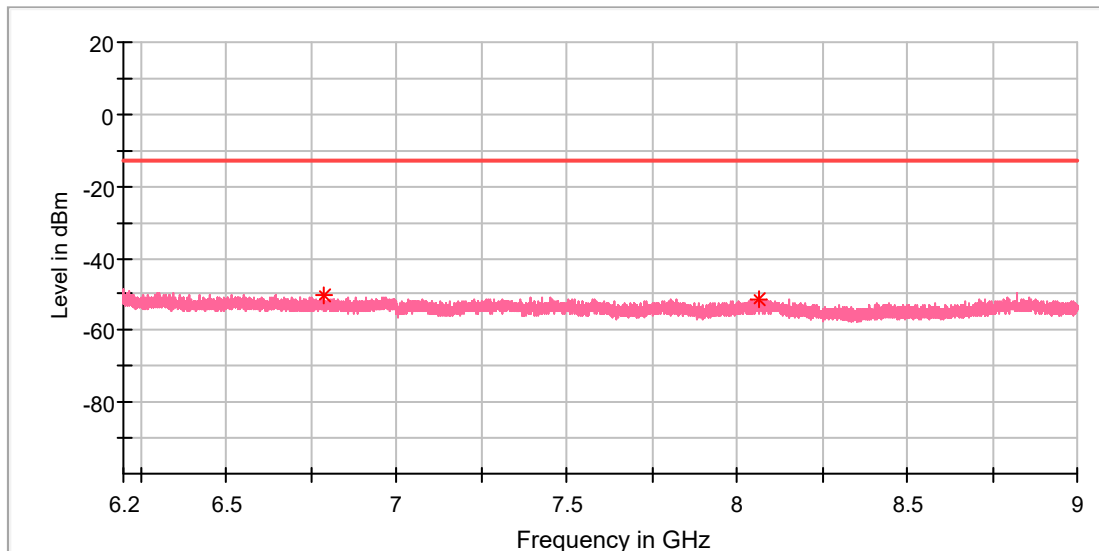


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6646.600000	-49.36	-13.00	36.36	150.0	H	3.0	-86.8
8077.050000	-51.24	-13.00	38.24	150.0	H	37.0	-86.3

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 13_5M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin



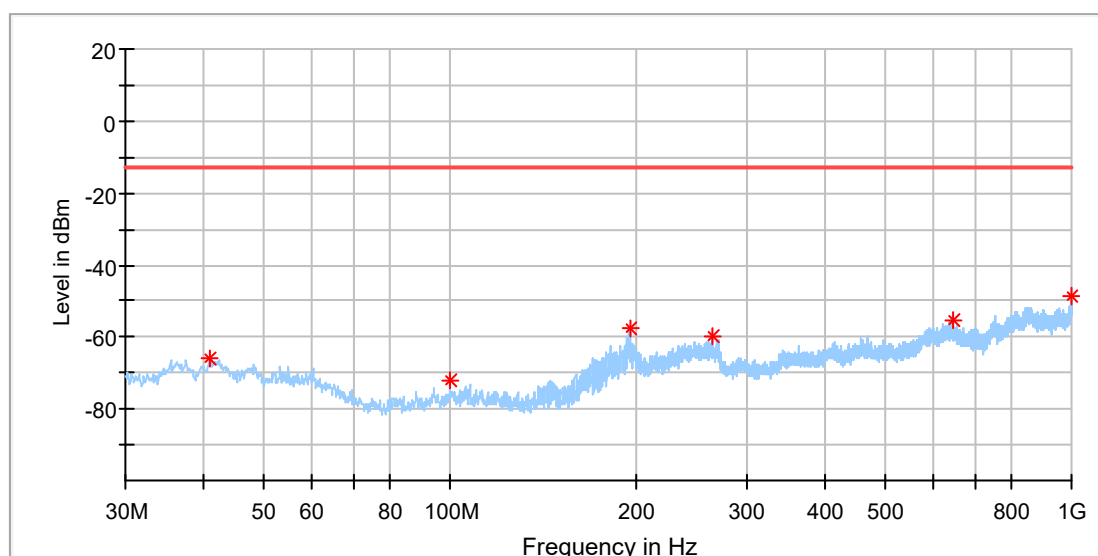
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6785.666667	-50.05	-13.00	37.05	150.0	V	120.0	-87.7
8063.050000	-51.24	-13.00	38.24	150.0	V	64.0	-86.4

LTE Band 14

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 14_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

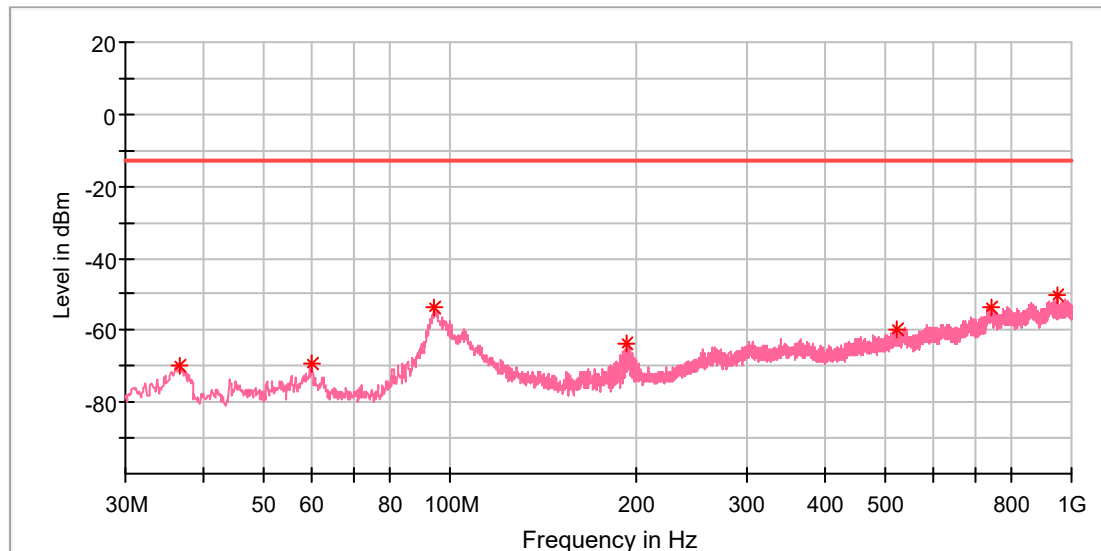


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-66.10	-13.00	53.10	100.0	H	104.0	-112.3
100.082500	-71.86	-13.00	58.86	100.0	H	181.0	-120.8
194.415000	-57.60	-13.00	44.60	100.0	H	114.0	-115.3
263.770000	-59.63	-13.00	46.63	100.0	H	206.0	-113.5
643.161250	-55.20	-13.00	42.20	100.0	H	140.0	-104.6
999.272500	-48.52	-13.00	35.52	100.0	H	73.0	-98.4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 14_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

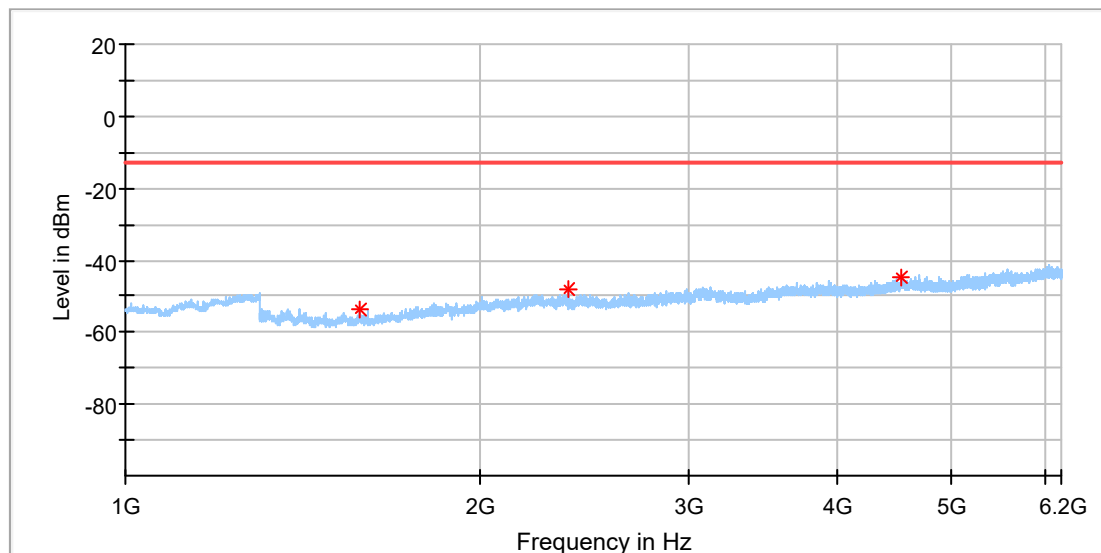


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.790000	-69.73	-13.00	56.73	100.0	V	231.0	-125.5
59.948750	-69.17	-13.00	56.17	100.0	V	59.0	-120.3
94.141250	-53.42	-13.00	40.42	100.0	V	37.0	-99.7
192.717500	-63.50	-13.00	50.50	100.0	V	65.0	-118.6
524.457500	-59.55	-13.00	46.55	100.0	V	156.0	-107.9
741.131250	-53.51	-13.00	40.51	100.0	V	326.0	-102.0
952.470000	-50.55	-13.00	37.55	100.0	V	151.0	-101.1

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 14_5M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 90
Tested By: Kei Zhang
Reviewed By: Terry Yin

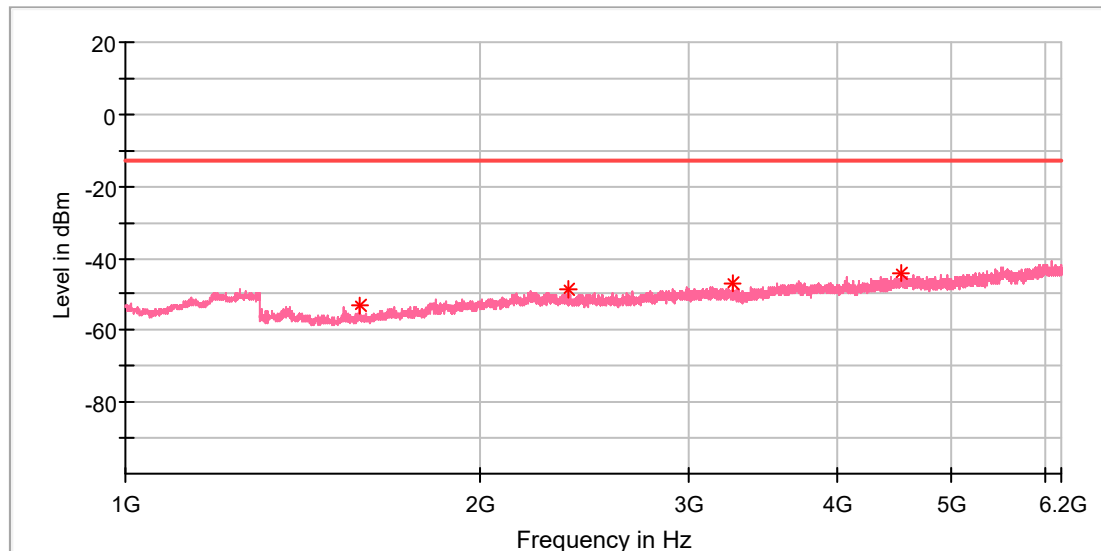


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1581.000000	-53.55	-13.00	40.55	150.0	H	193.0	-93.0
2372.500000	-47.86	-13.00	34.86	150.0	H	334.0	-88.0
4535.000000	-44.70	-13.00	31.70	150.0	H	25.0	-83.5

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 14_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

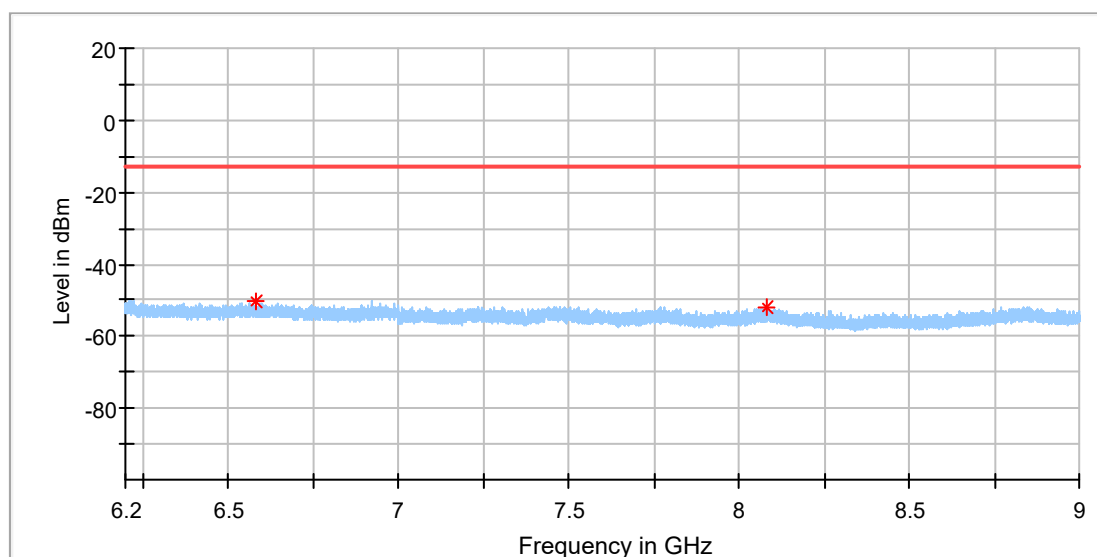


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1582.000000	-52.95	-13.00	39.95	150.0	V	346.0	-93.0
2372.500000	-48.63	-13.00	35.63	150.0	V	270.0	-87.8
3268.500000	-46.95	-13.00	33.95	150.0	V	178.0	-86.9
4544.500000	-43.99	-13.00	30.99	150.0	V	195.0	-83.4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 14_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

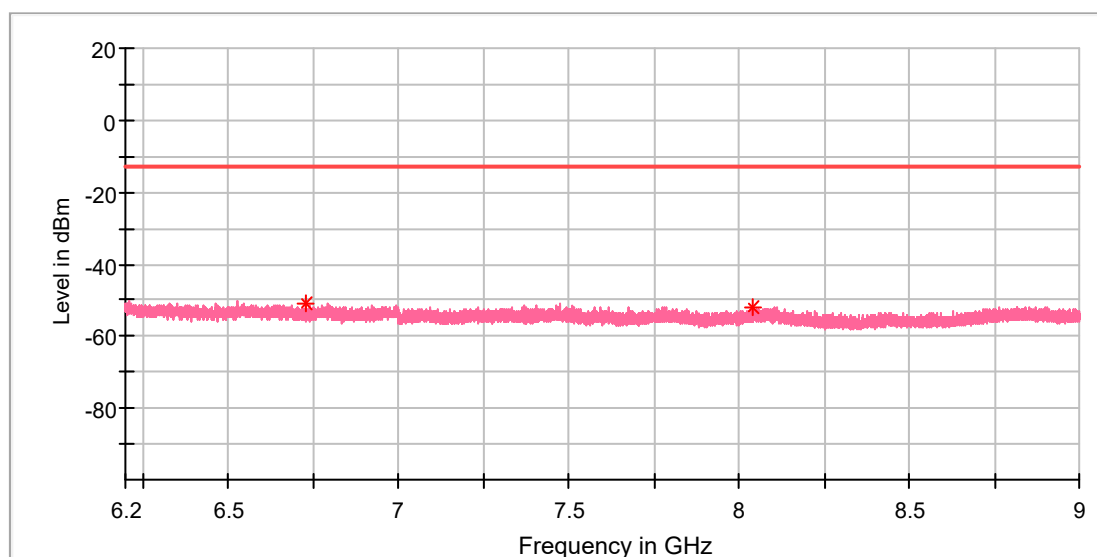


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6580.566667	-50.45	-13.00	37.45	150.0	H	59.0	-86.8
8084.983333	-52.01	-13.00	39.01	150.0	H	214.0	-86.3

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 14_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



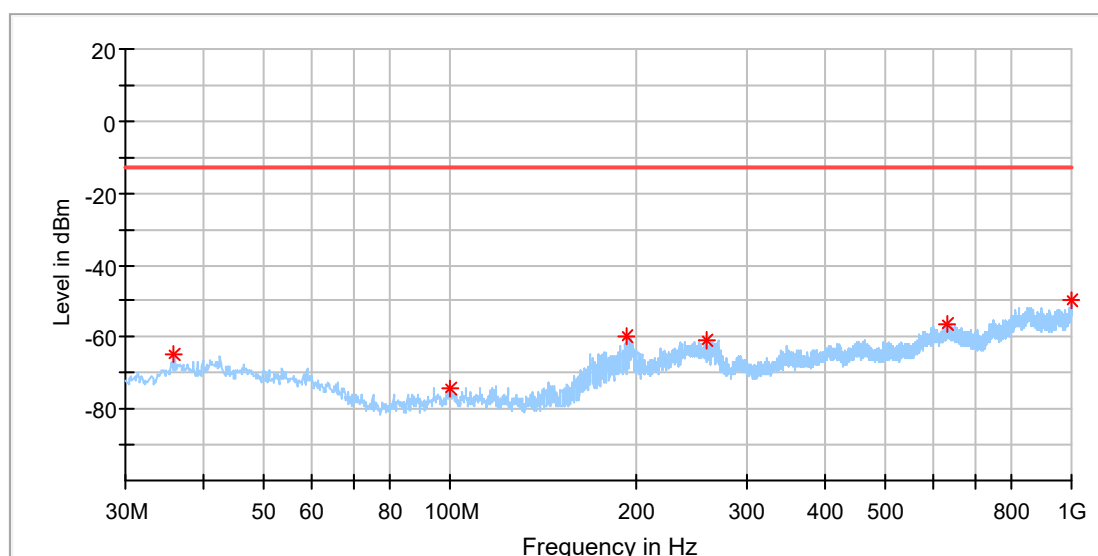
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6731.183333	-50.92	-13.00	37.92	150.0	V	81.0	-87.5
8038.783333	-52.27	-13.00	39.27	150.0	V	63.0	-86.5

LTE Band 25

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 25_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

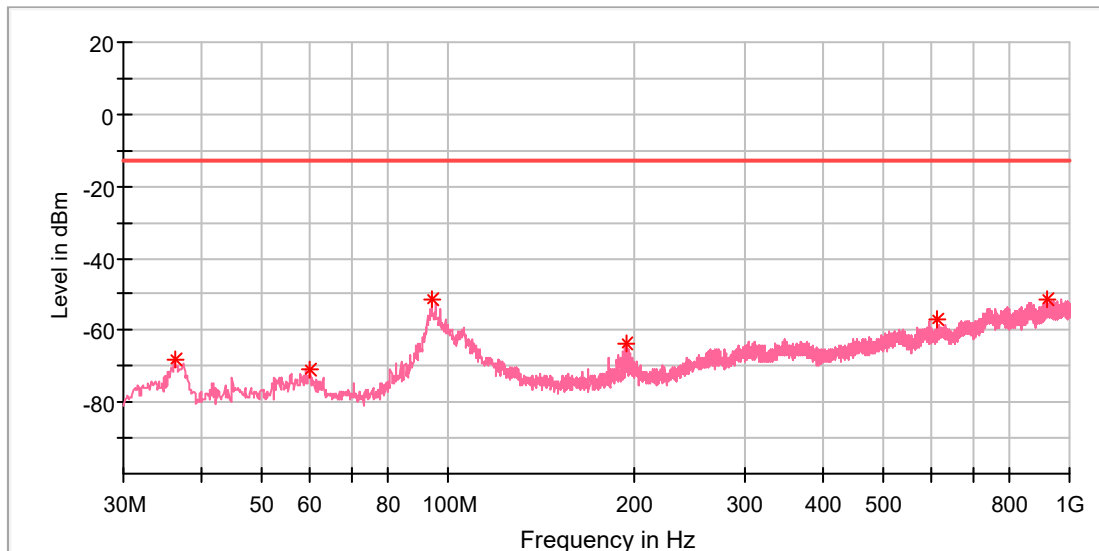


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.941250	-64.95	-13.00	51.95	100.0	H	9.0	-113.4
99.961250	-74.20	-13.00	61.20	100.0	H	359.0	-120.8
192.838750	-60.02	-13.00	47.02	100.0	H	291.0	-115.5
258.677500	-60.72	-13.00	47.72	100.0	H	9.0	-112.1
633.218750	-56.39	-13.00	43.39	100.0	H	236.0	-104.9
997.938750	-49.85	-13.00	36.85	100.0	H	211.0	-98.8

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 25_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

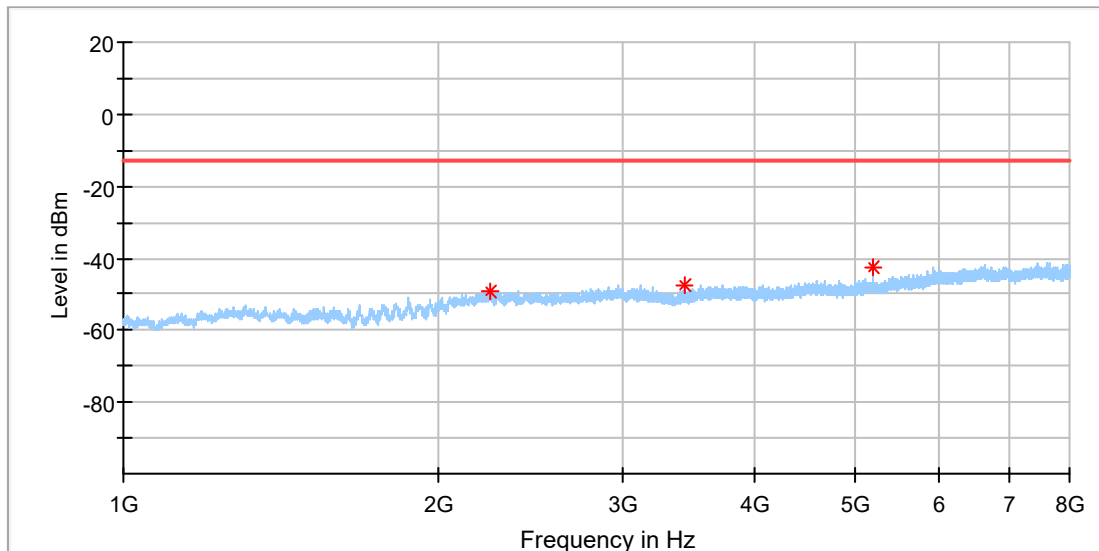


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.305000	-68.06	-13.00	55.06	100.0	V	324.0	-125.5
59.948750	-71.10	-13.00	58.10	100.0	V	349.0	-120.3
94.262500	-51.66	-13.00	38.66	100.0	V	354.0	-99.6
194.172500	-63.94	-13.00	50.94	100.0	V	71.0	-118.2
611.757500	-57.28	-13.00	44.28	100.0	V	61.0	-107.2
923.370000	-51.41	-13.00	38.41	100.0	V	66.0	-100.5

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 25_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

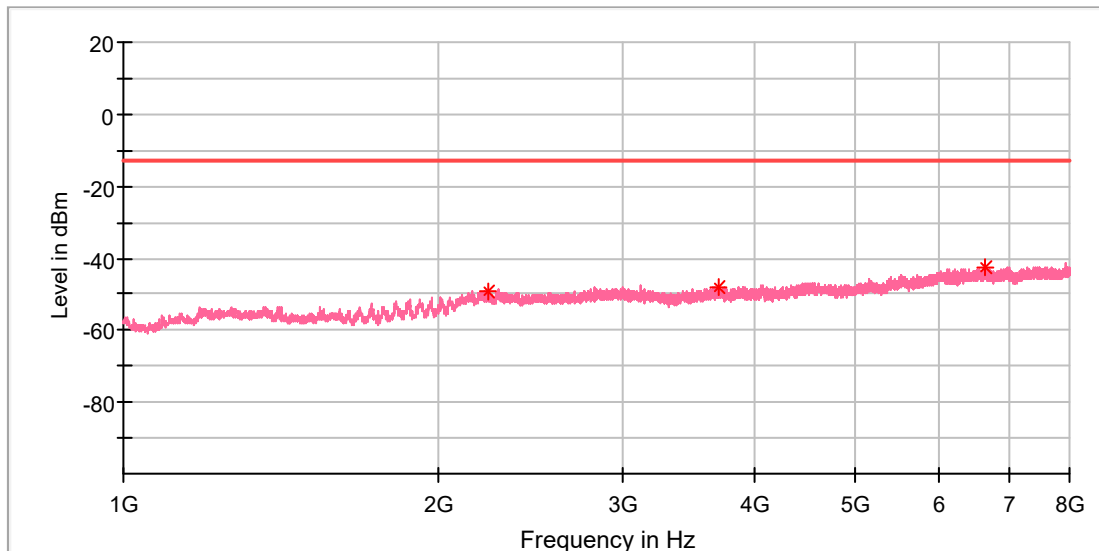


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2238.000000	-49.08	-13.00	36.08	150.0	H	249.0	-87.0
3433.000000	-47.77	-13.00	34.77	150.0	H	264.0	-87.8
5196.500000	-42.43	-13.00	29.43	150.0	H	138.0	-84.8

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 25_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

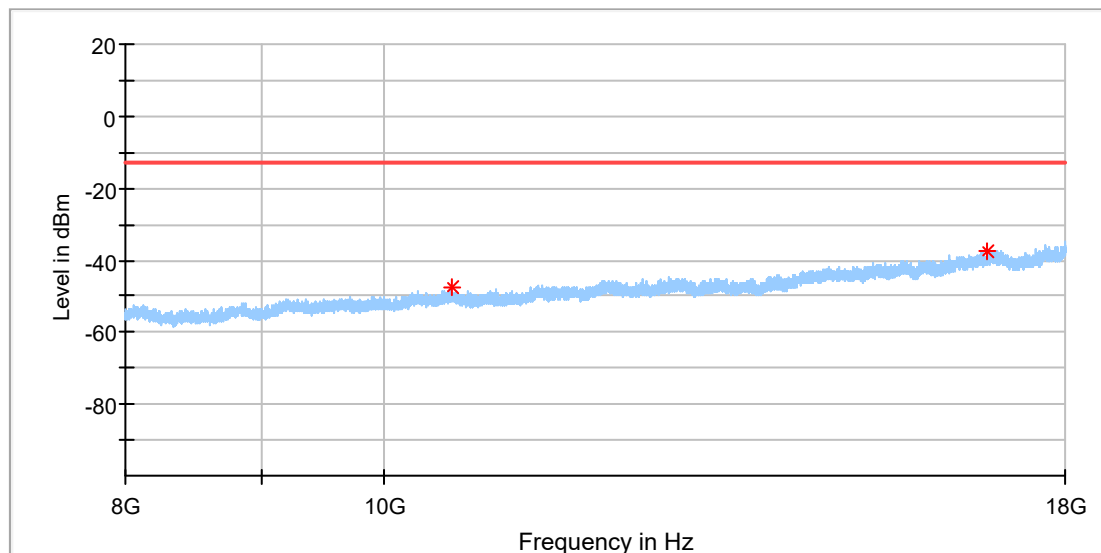


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2225.500000	-49.15	-13.00	36.15	150.0	V	105.0	-87.3
3704.500000	-48.04	-13.00	35.04	150.0	V	70.0	-86.7
6661.000000	-42.75	-13.00	29.75	150.0	V	354.0	-81.4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 25_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

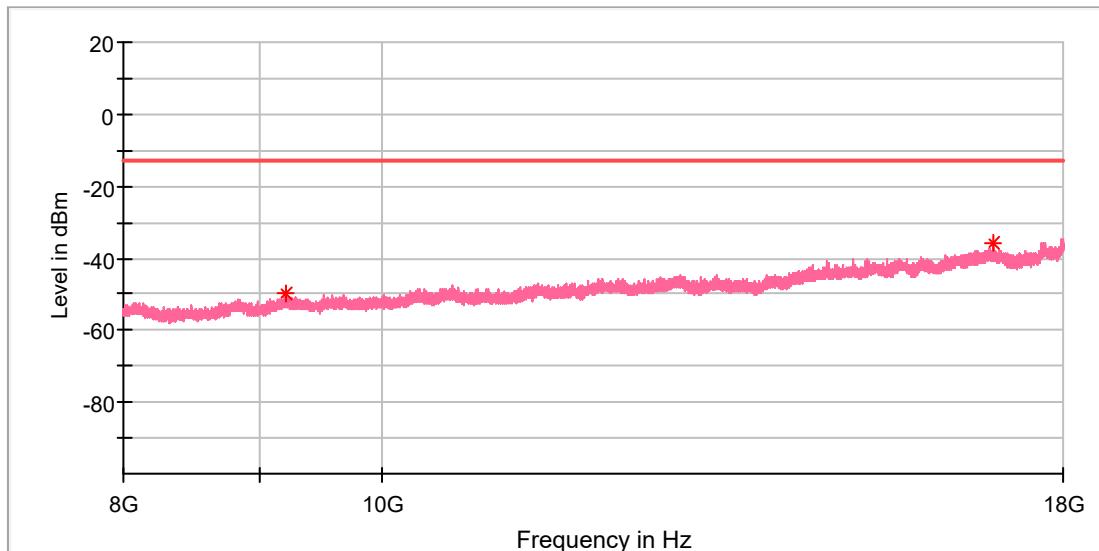


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10596.000000	-47.64	-13.00	34.64	150.0	H	5.0	-82.4
16813.500000	-37.36	-13.00	24.36	150.0	H	196.0	-73.6

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 25_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



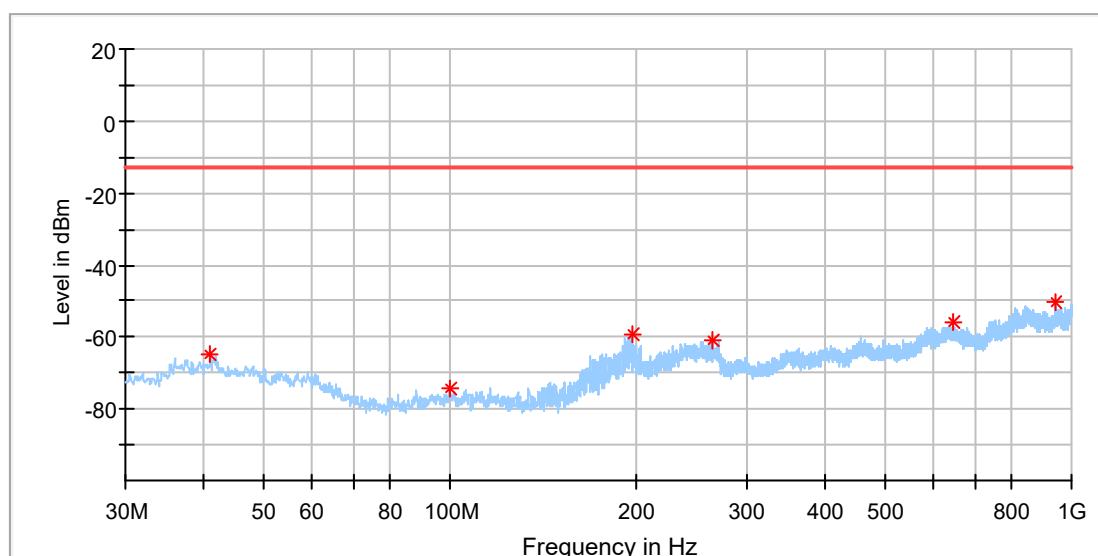
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9205.000000	-49.95	-13.00	36.95	150.0	V	318.0	-83.9
16937.000000	-36.03	-13.00	23.03	150.0	V	0.0	-72.9

LTE Band 26

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 26_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

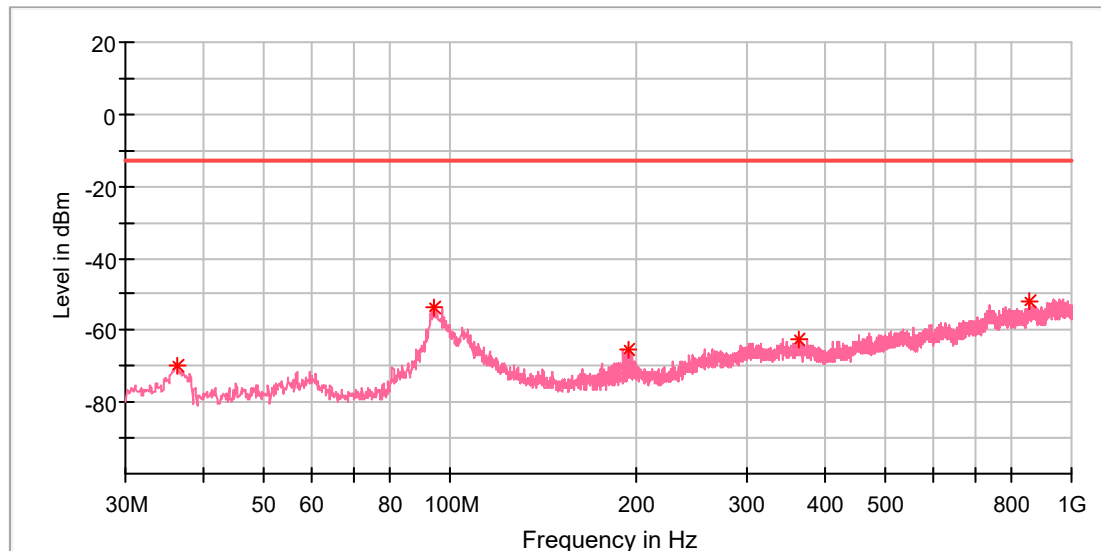


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.033750	-64.73	-13.00	51.73	100.0	H	266.0	-112.3
99.597500	-74.25	-13.00	61.25	100.0	H	287.0	-121.0
195.870000	-59.04	-13.00	46.04	100.0	H	296.0	-115.1
265.225000	-60.92	-13.00	47.92	100.0	H	0.0	-113.8
645.586250	-55.90	-13.00	42.90	100.0	H	278.0	-104.6
941.678750	-50.21	-13.00	37.21	100.0	H	239.0	-101.6

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 26_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

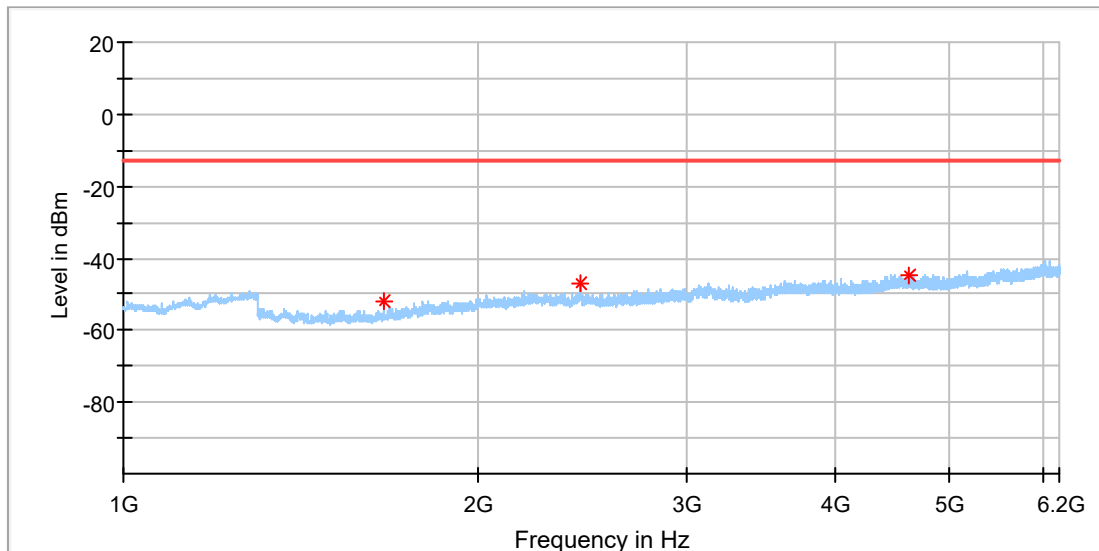


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.426250	-69.61	-13.00	56.61	100.0	V	268.0	-125.5
94.262500	-53.41	-13.00	40.41	100.0	V	354.0	-99.6
193.202500	-65.14	-13.00	52.14	100.0	V	75.0	-118.4
364.771250	-62.65	-13.00	49.65	100.0	V	335.0	-111.0
855.833750	-52.27	-13.00	39.27	100.0	V	243.0	-101.5

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 26_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

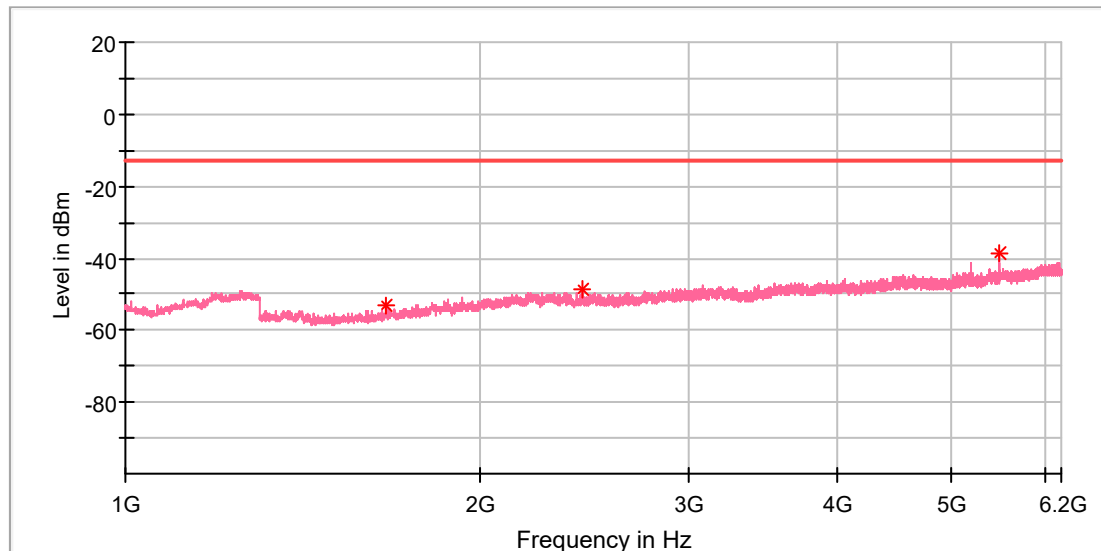


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1662.000000	-52.15	-13.00	39.15	150.0	H	293.0	-92.7
2435.000000	-47.20	-13.00	34.20	150.0	H	231.0	-87.6
4620.000000	-44.59	-13.00	31.59	150.0	H	137.0	-83.7

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 26_1.4M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 22
Tested By: Kei Zhang
Reviewed By: Terry Yin

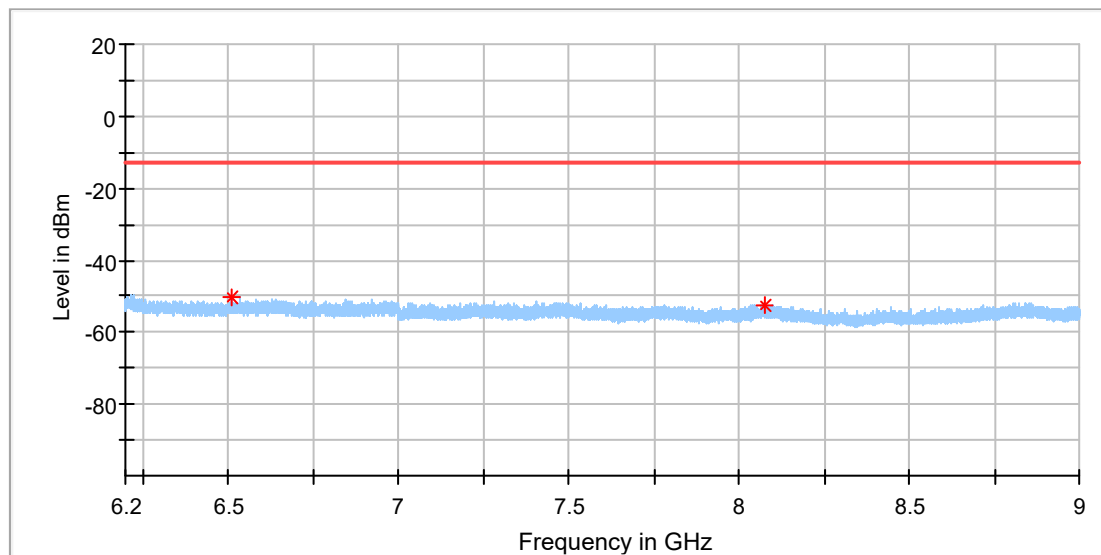


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1661.500000	-52.95	-13.00	39.95	150.0	V	215.0	-92.3
2435.000000	-48.82	-13.00	35.82	150.0	V	68.0	-88.0
5495.500000	-38.63	-13.00	25.63	150.0	V	36.0	-81.9

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 26_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

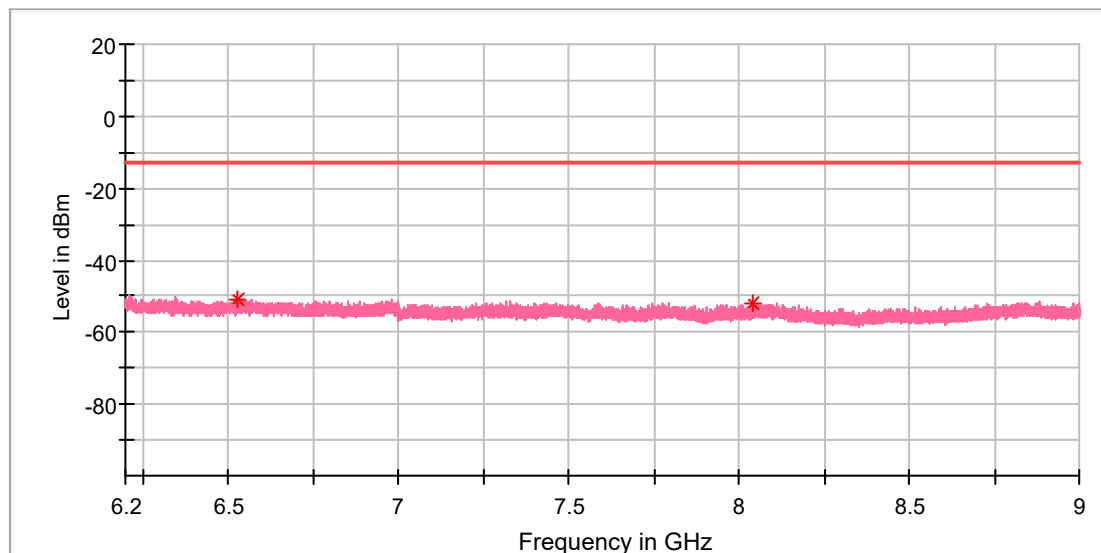


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6512.900000	-50.49	-13.00	37.49	150.0	H	174.0	-86.7
8074.366667	-52.33	-13.00	39.33	150.0	H	129.0	-86.3

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 26_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



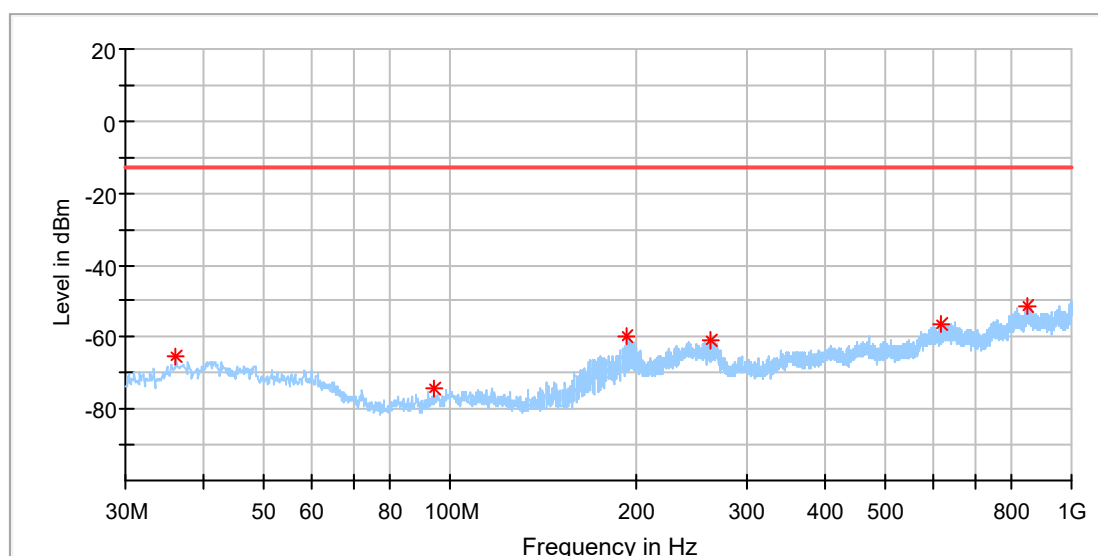
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6528.650000	-50.68	-13.00	37.68	150.0	V	359.0	-86.6
8043.450000	-52.13	-13.00	39.13	150.0	V	192.0	-86.5

LTE Band 66

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

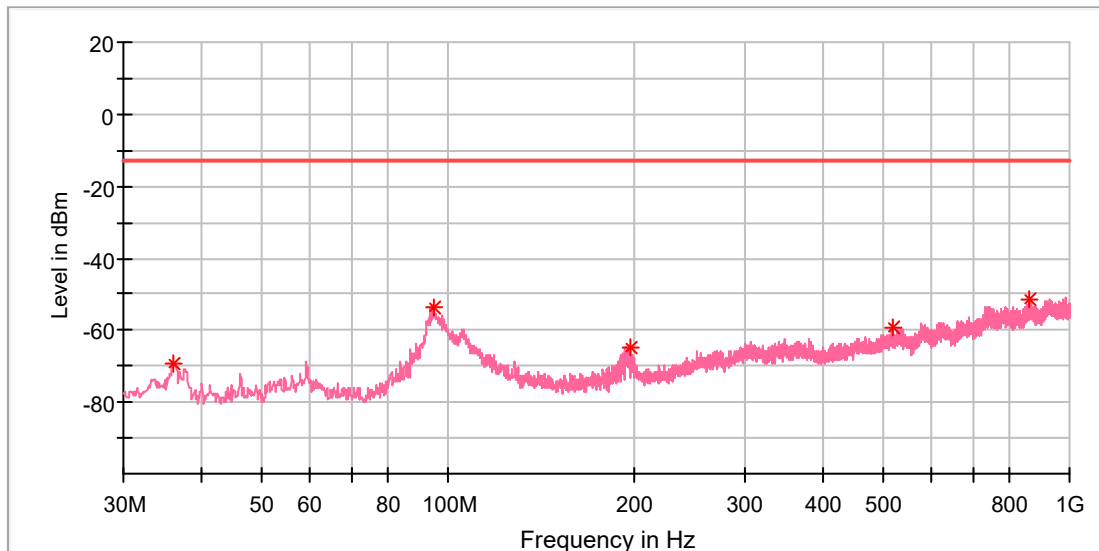


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-65.67	-13.00	52.67	100.0	H	303.0	-113.3
94.141250	-74.24	-13.00	61.24	100.0	H	0.0	-121.6
192.838750	-59.56	-13.00	46.56	100.0	H	15.0	-115.5
262.315000	-60.84	-13.00	47.84	100.0	H	26.0	-113.2
617.213750	-56.22	-13.00	43.22	100.0	H	288.0	-106.0
852.075000	-51.29	-13.00	38.29	100.0	H	245.0	-100.2

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

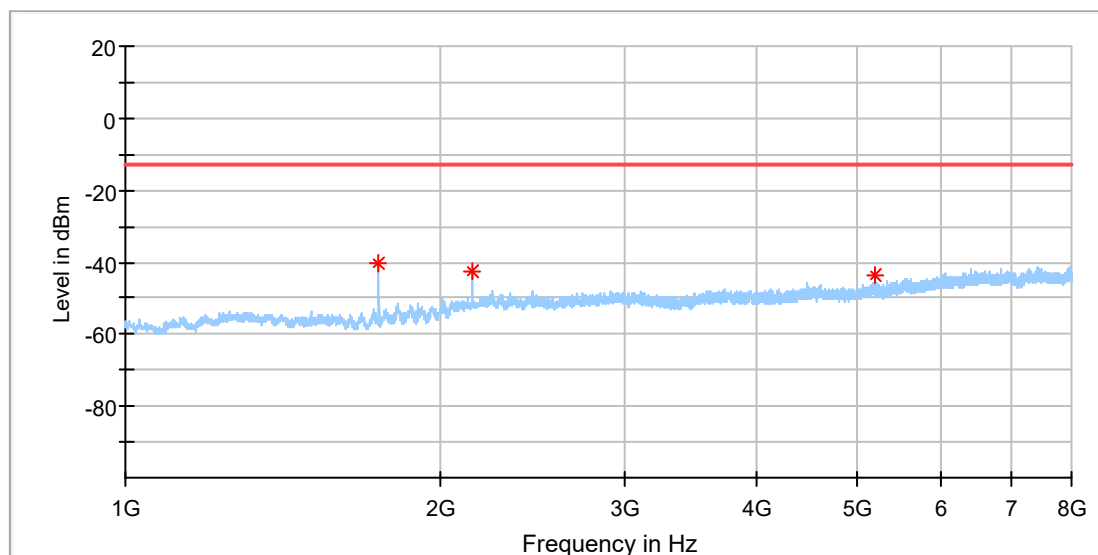


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-69.36	-13.00	56.36	100.0	V	327.0	-125.5
94.626250	-53.56	-13.00	40.56	100.0	V	219.0	-99.6
195.870000	-64.63	-13.00	51.63	100.0	V	81.0	-118.0
518.880000	-59.31	-13.00	46.31	100.0	V	161.0	-108.0
860.805000	-51.39	-13.00	38.39	100.0	V	344.0	-101.0

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

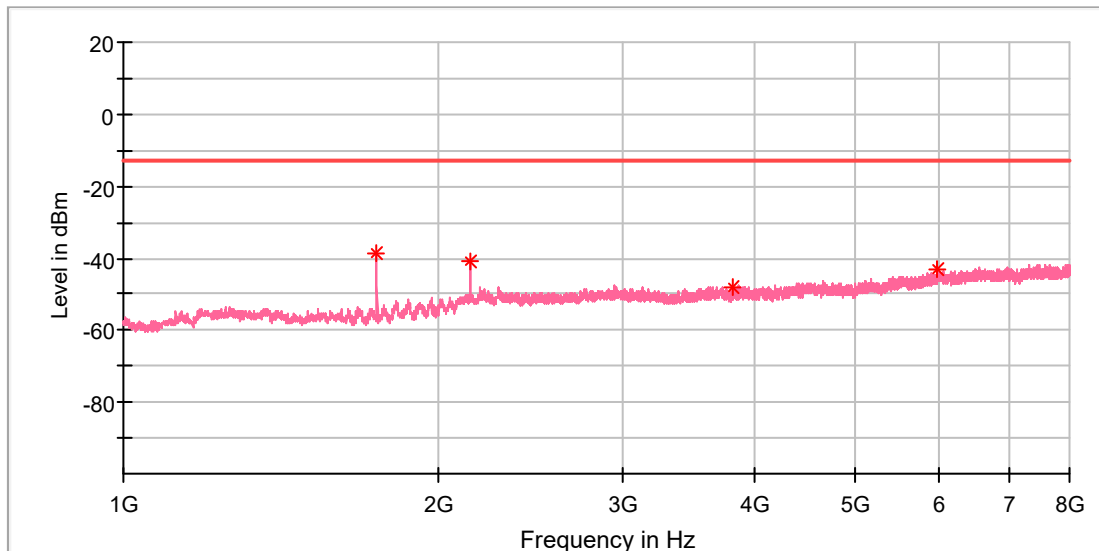


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1744.500000	-40.04	-13.00	27.04	150.0	H	210.0	-91.5
2144.500000	-42.71	-13.00	29.71	150.0	H	11.0	-88.5
5202.000000	-43.84	-13.00	30.84	150.0	H	43.0	-84.9

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

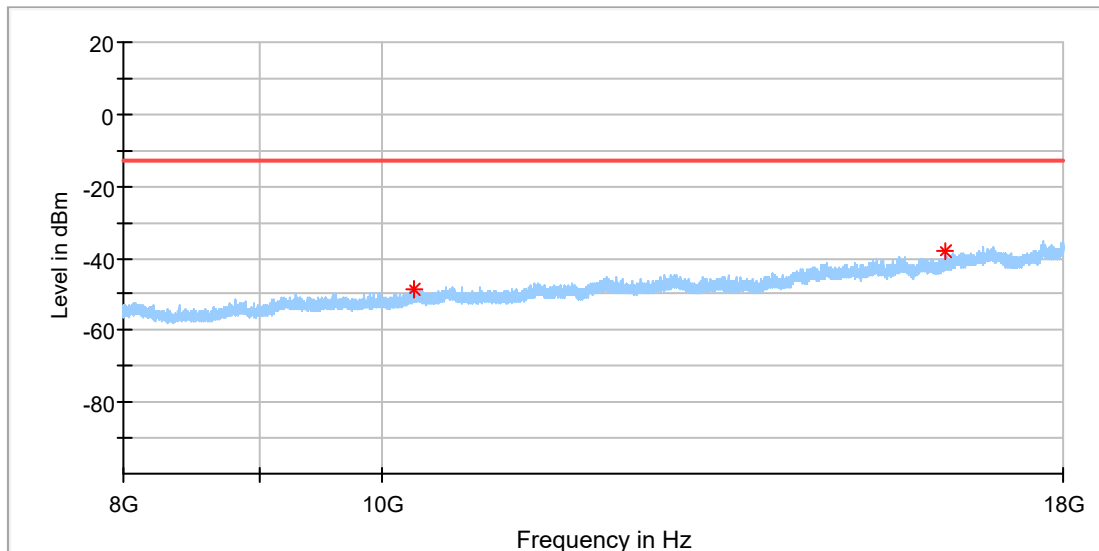


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1744.500000	-38.70	-13.00	25.70	150.0	V	171.0	-91.6
2145.000000	-40.70	-13.00	27.70	150.0	V	193.0	-88.0
3820.000000	-47.83	-13.00	34.83	150.0	V	0.0	-86.9
5992.500000	-43.03	-13.00	30.03	150.0	V	251.0	-82.4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

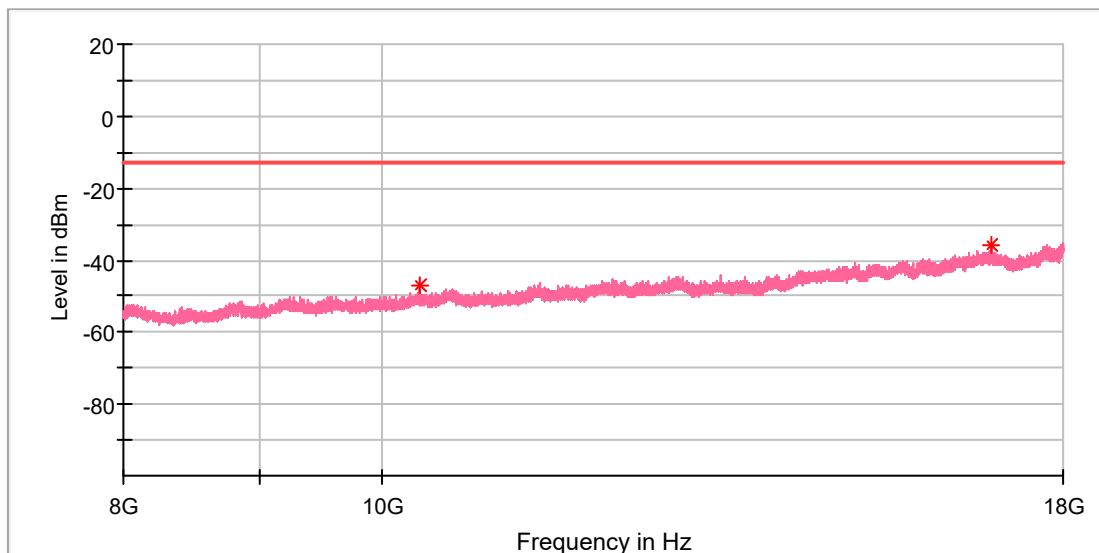


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10280.500000	-48.53	-13.00	35.53	150.0	H	69.0	-82.8
16260.500000	-38.09	-13.00	25.09	150.0	H	46.0	-75.7

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 66_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



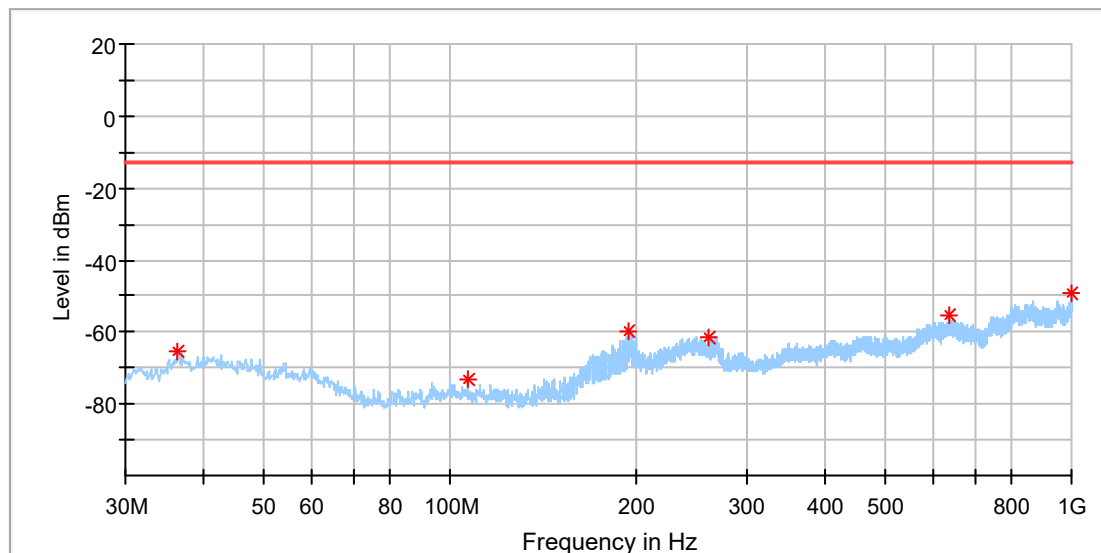
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10325.000000	-47.20	-13.00	34.20	150.0	V	287.0	-82.7
16911.500000	-36.05	-13.00	23.05	150.0	V	180.0	-72.9

LTE Band 71

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No./Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

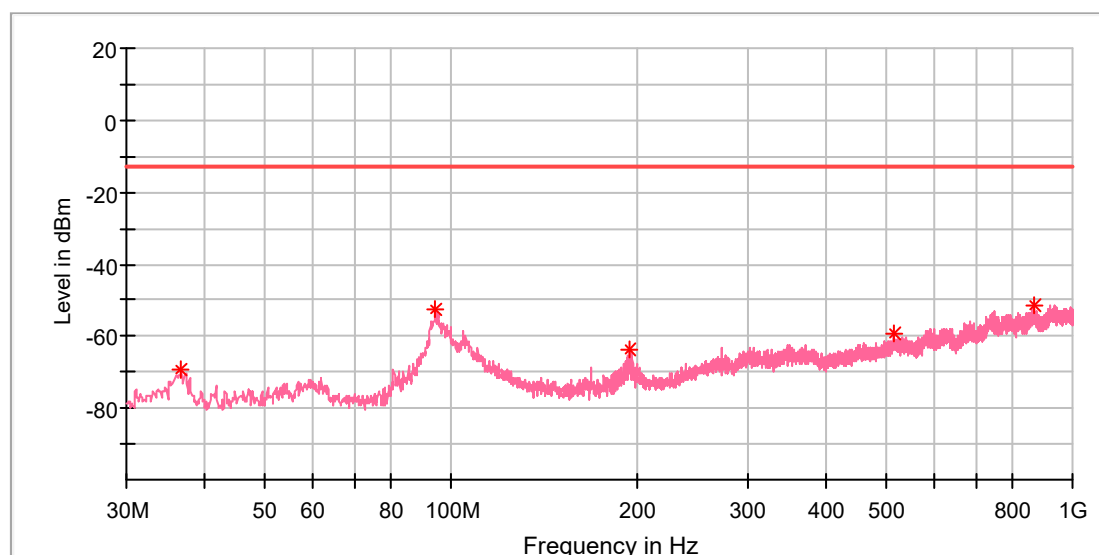


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.426250	-65.24	-13.00	52.24	100.0	H	302.0	-113.2
106.993750	-73.26	-13.00	60.26	100.0	H	217.0	-121.5
194.293750	-59.82	-13.00	46.82	100.0	H	81.0	-115.3
260.375000	-61.31	-13.00	48.31	100.0	H	31.0	-112.7
633.703750	-55.52	-13.00	42.52	100.0	H	292.0	-104.9
999.151250	-48.94	-13.00	35.94	100.0	H	109.0	-98.4

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

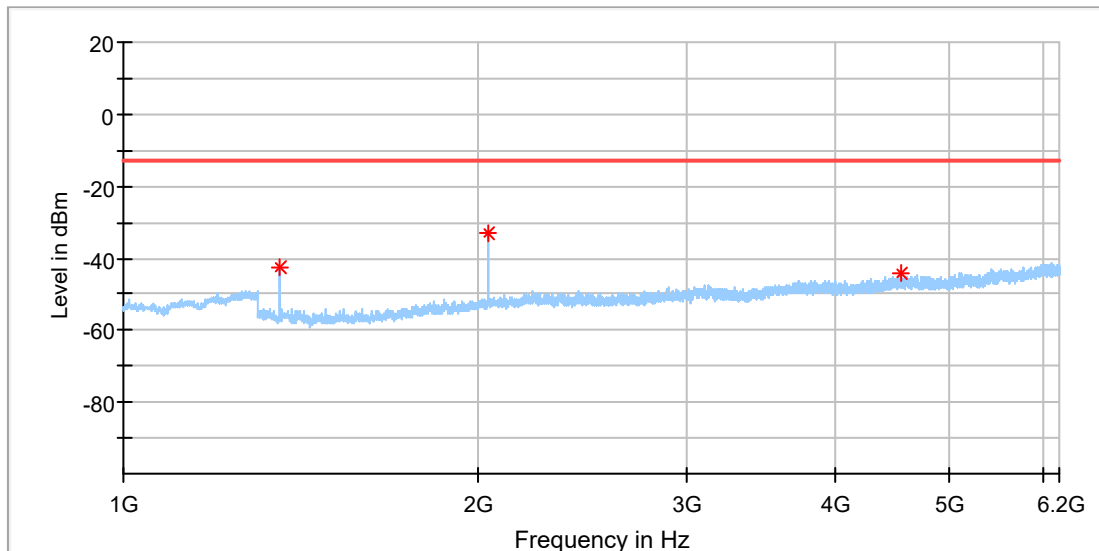


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.790000	-69.31	-13.00	56.31	100.0	V	143.0	-125.5
94.505000	-52.63	-13.00	39.63	100.0	V	75.0	-99.6
194.172500	-63.61	-13.00	50.61	100.0	V	71.0	-118.2
516.212500	-59.52	-13.00	46.52	100.0	V	41.0	-108.1
866.625000	-51.59	-13.00	38.59	100.0	V	301.0	-100.7

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

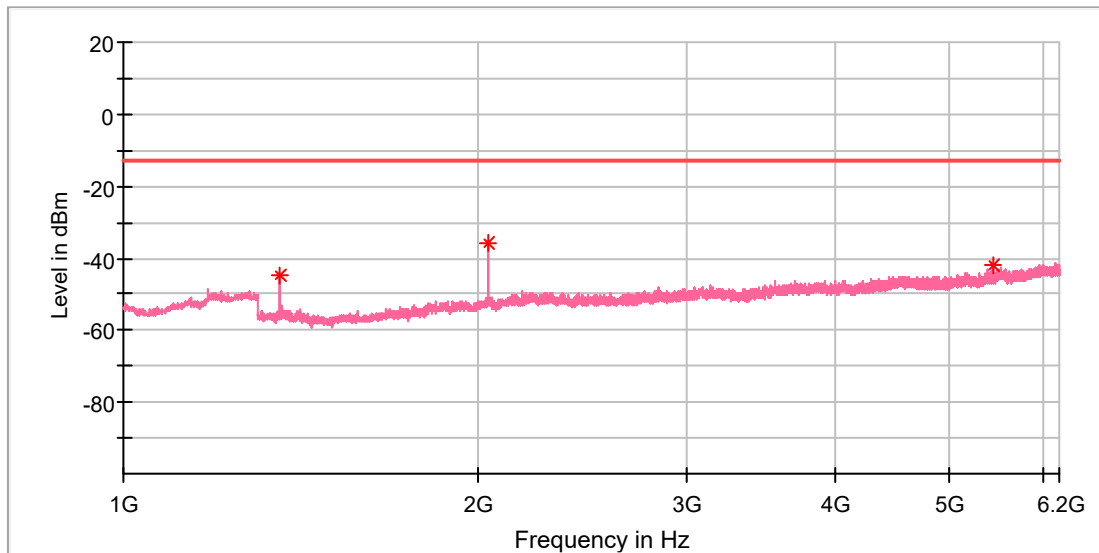


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1356.500000	-42.38	-13.00	29.38	150.0	H	29.0	-92.6
2035.000000	-33.27	-13.00	20.27	150.0	H	116.0	-88.7
4554.500000	-44.11	-13.00	31.11	150.0	H	10.0	-83.5

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

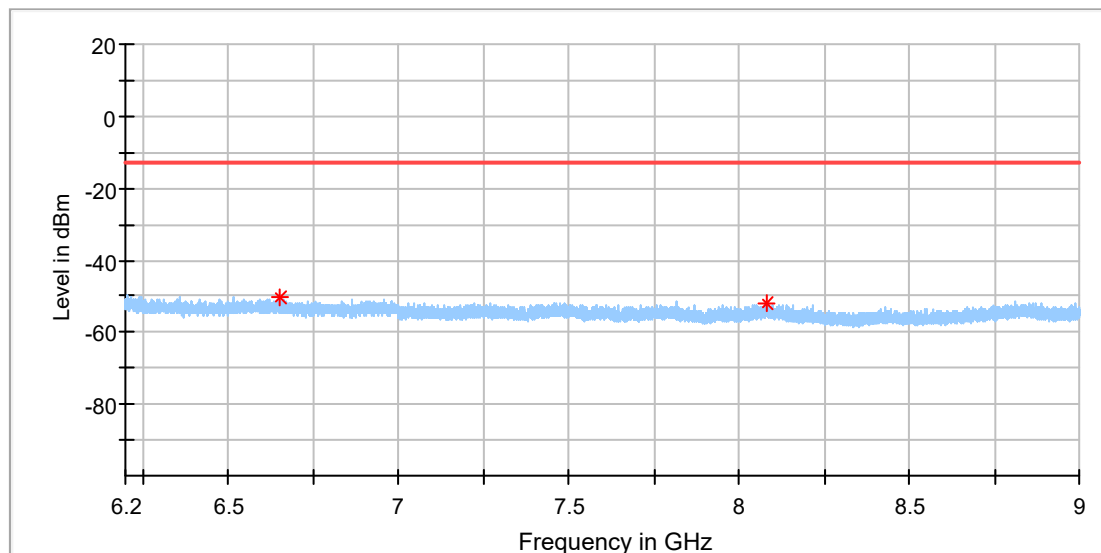


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1356.000000	-44.48	-13.00	31.48	150.0	V	114.0	-92.2
2035.000000	-35.63	-13.00	22.63	150.0	V	158.0	-88.7
5442.000000	-41.85	-13.00	28.85	150.0	V	257.0	-82.1

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 27
Tested By: Kei Zhang
Reviewed By: Terry Yin

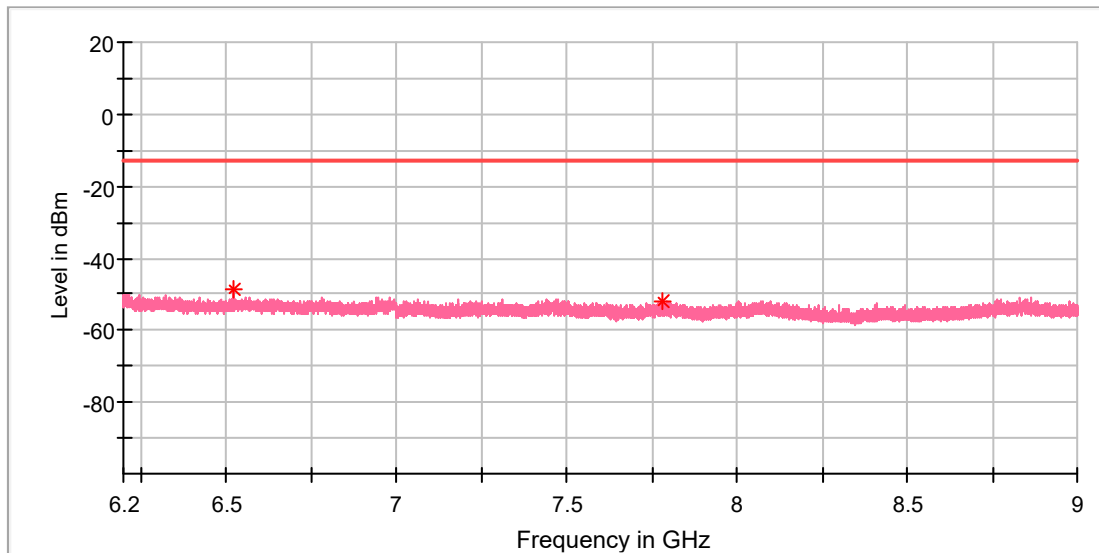


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6650.916667	-50.32	-13.00	37.32	150.0	H	354.0	-86.8
8082.766667	-52.17	-13.00	39.17	150.0	H	213.0	-86.3

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	LTE Band 71_5M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 27
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



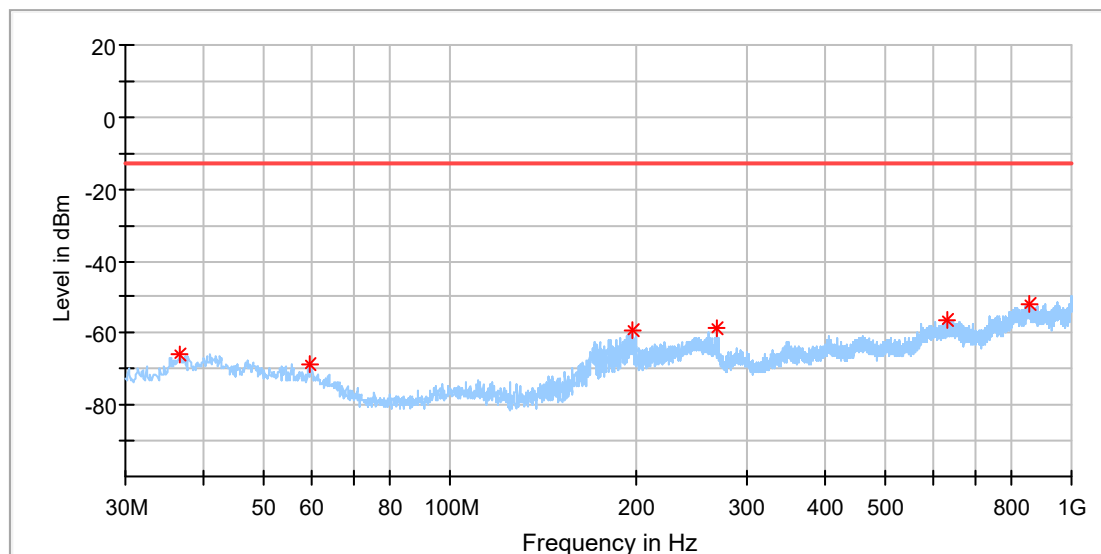
Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6521.766667	-48.92	-13.00	35.92	150.0	V	300.0	-86.7
7782.116667	-52.20	-13.00	39.20	150.0	V	103.0	-86.9

Appendix A.3: Test Results of Radiated Spurious Emissions, Co-location

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	915M+WIFI 2.4G_11b_Ch6+LTE Band 25_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

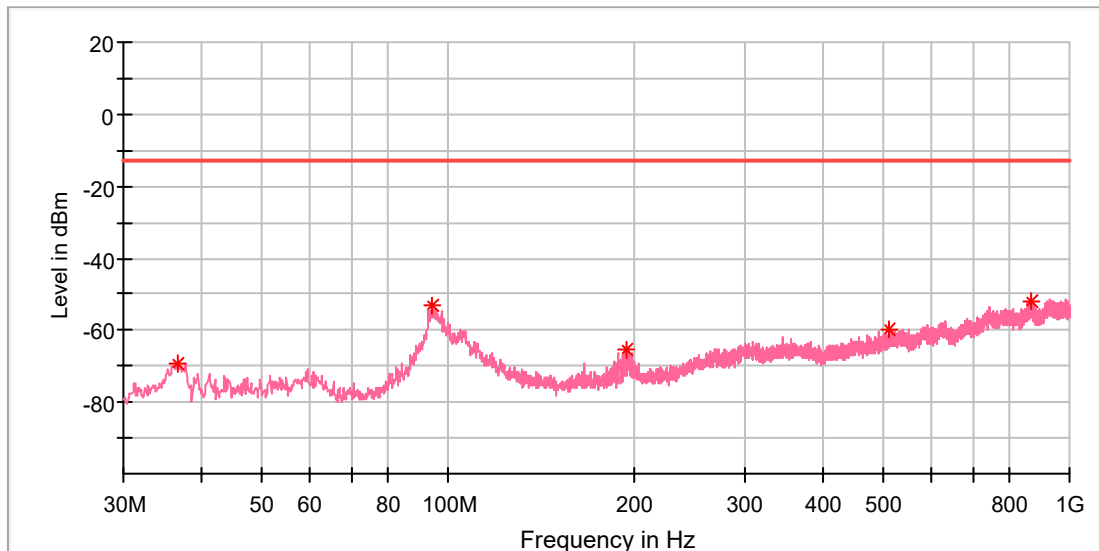


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.790000	-65.93	-13.00	52.93	100.0	H	157.0	-113.2
59.221250	-68.61	-13.00	55.61	100.0	H	157.0	-116.4
195.991250	-59.06	-13.00	46.06	100.0	H	113.0	-115.1
268.135000	-58.63	-13.00	45.63	100.0	H	18.0	-114.4
633.097500	-56.36	-13.00	43.36	100.0	H	13.0	-104.9
852.560000	-51.85	-13.00	38.85	100.0	H	18.0	-100.2

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	915M+WIFI 2.4G_11b_Ch6+LTE Band 25_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

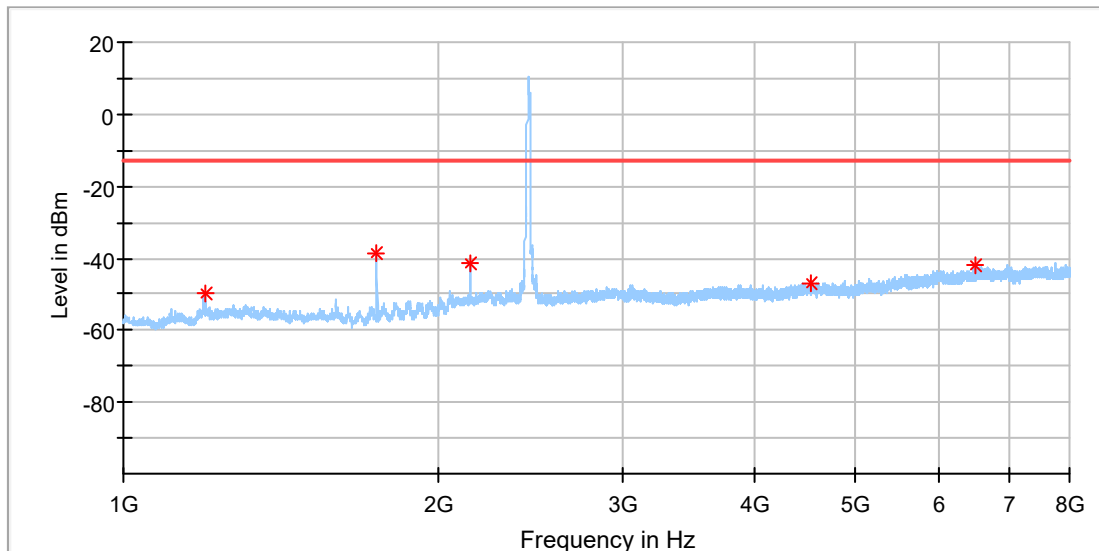


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.547500	-69.26	-13.00	56.26	100.0	V	201.0	-125.4
94.383750	-53.17	-13.00	40.17	100.0	V	291.0	-99.6
193.081250	-65.62	-13.00	52.62	100.0	V	348.0	-118.5
513.302500	-59.57	-13.00	46.57	100.0	V	323.0	-108.4
871.475000	-51.98	-13.00	38.98	100.0	V	9.0	-101.4

EUT Information

EUT Name: Home Communication Unit
Model: HUB-300
Test Mode: 915M+WIFI 2.4G_11b_Ch6+LTE Band 25_1.4M_QPSK_Mid channel
Order No/Sample No: 168443071/A003550494-002
Test Voltage: AC 120V/60Hz
Remark: Temp 22 Humi:52%
Test Standard: FCC Part 24
Tested By: Kei Zhang
Reviewed By: Terry Yin

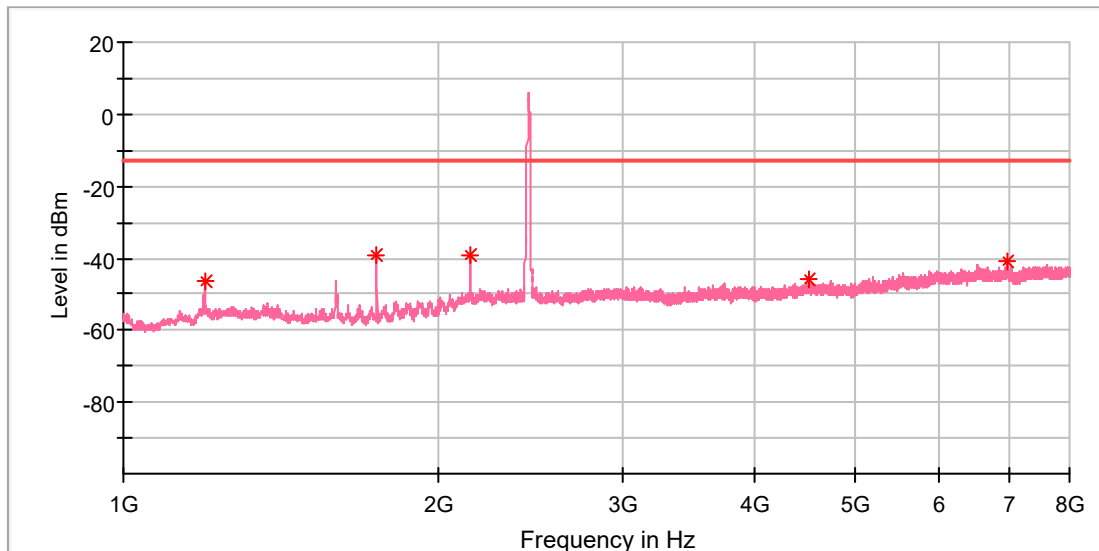


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1195.500000	-49.99	-13.00	36.99	150.0	H	186.0	-93.1
1744.500000	-38.62	-13.00	25.62	150.0	H	210.0	-91.5
2145.500000	-41.37	-13.00	28.37	150.0	H	333.0	-88.6
4528.500000	-46.80	-13.00	33.80	150.0	H	119.0	-85.4
6505.500000	-42.10	-13.00	29.10	150.0	H	201.0	-81.2

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	915M+WIFI 2.4G_11b_Ch6+LTE Band 25_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

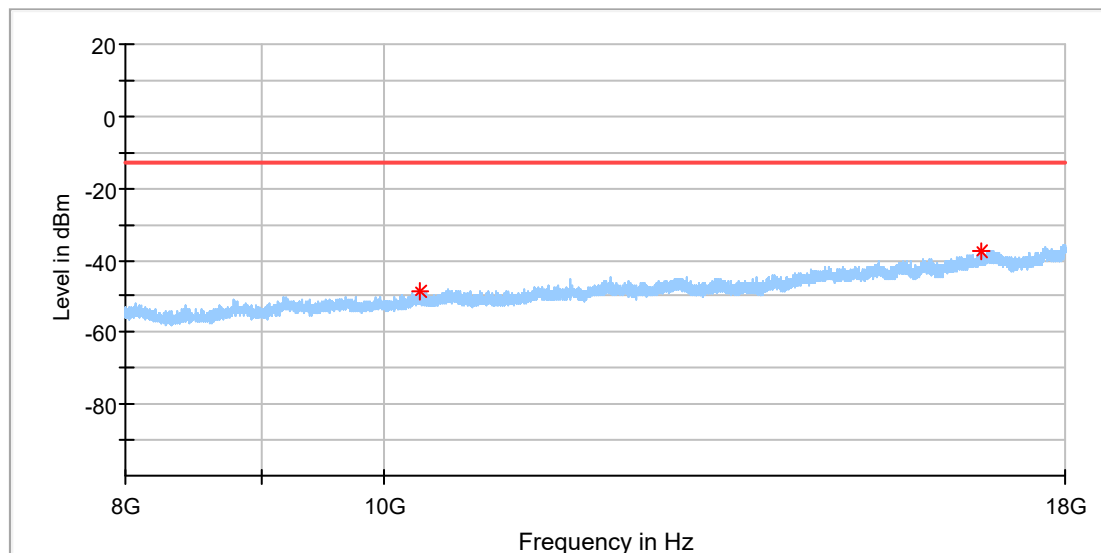


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1195.500000	-46.59	-13.00	33.59	150.0	V	260.0	-92.5
1744.500000	-38.93	-13.00	25.93	150.0	V	149.0	-91.6
2145.000000	-39.30	-13.00	26.30	150.0	V	231.0	-88.0
4509.000000	-46.03	-13.00	33.03	150.0	V	347.0	-85.5
6965.000000	-40.97	-13.00	27.97	150.0	V	92.0	-80.9

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	915M+WIFI 2.4G_11b_Ch6+LTE Band 25_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

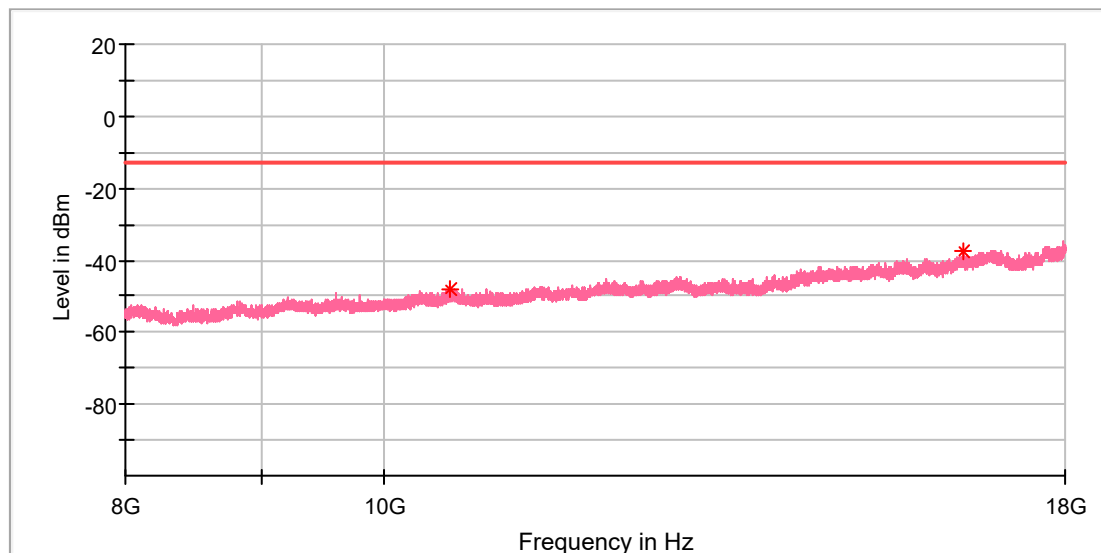


Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10316.000000	-48.70	-13.00	35.70	150.0	H	252.0	-82.7
16748.000000	-37.52	-13.00	24.52	150.0	H	117.0	-74.1

EUT Information

EUT Name:	Home Communication Unit
Model:	HUB-300
Test Mode:	915M+WIFI 2.4G_11b_Ch6+LTE Band 25_1.4M_QPSK_Mid channel
Order No/Sample No:	168443071/A003550494-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 22 Humi:52%
Test Standard:	FCC Part 24
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10582.500000	-48.17	-13.00	35.17	150.0	V	190.0	-82.1
16469.500000	-37.26	-13.00	24.26	150.0	V	103.0	-74.9