

Appendix A: Test Results of Radiated Spurious Emissions

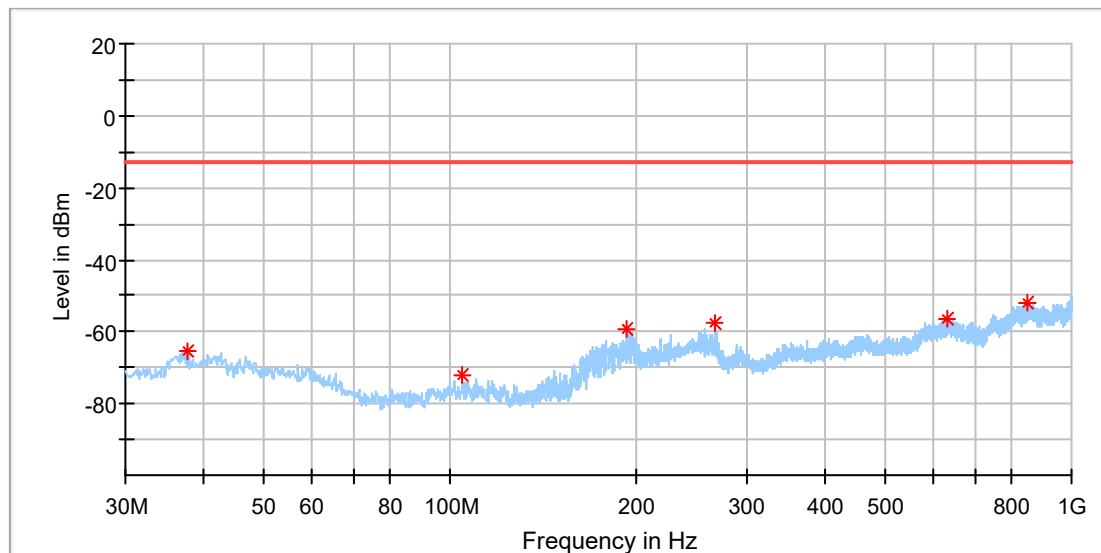
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Appendix A.1: Test Results of Field Strength of Spurious Radiation, WCDMA Band

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

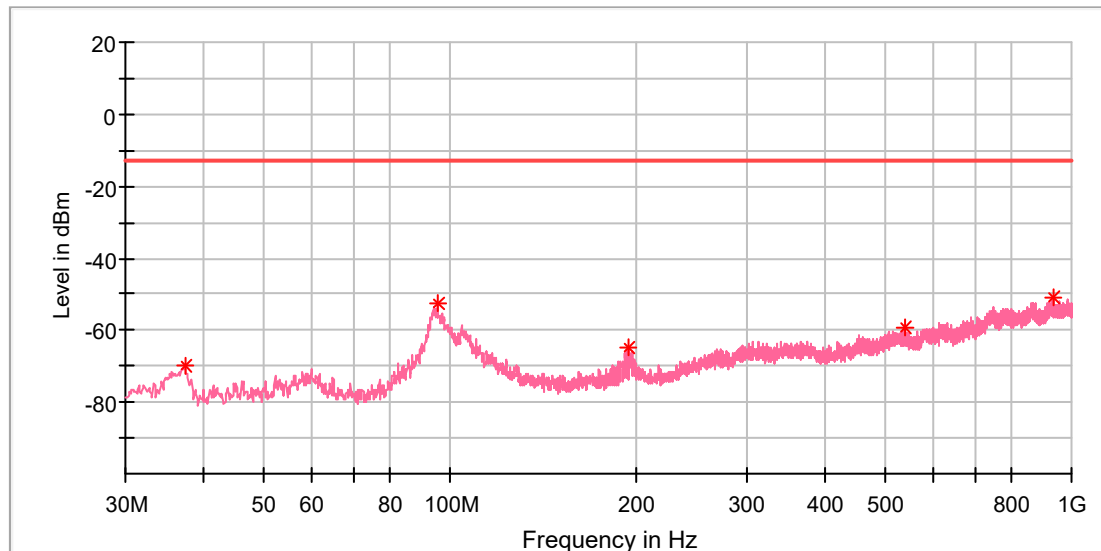


Critical Freqs

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

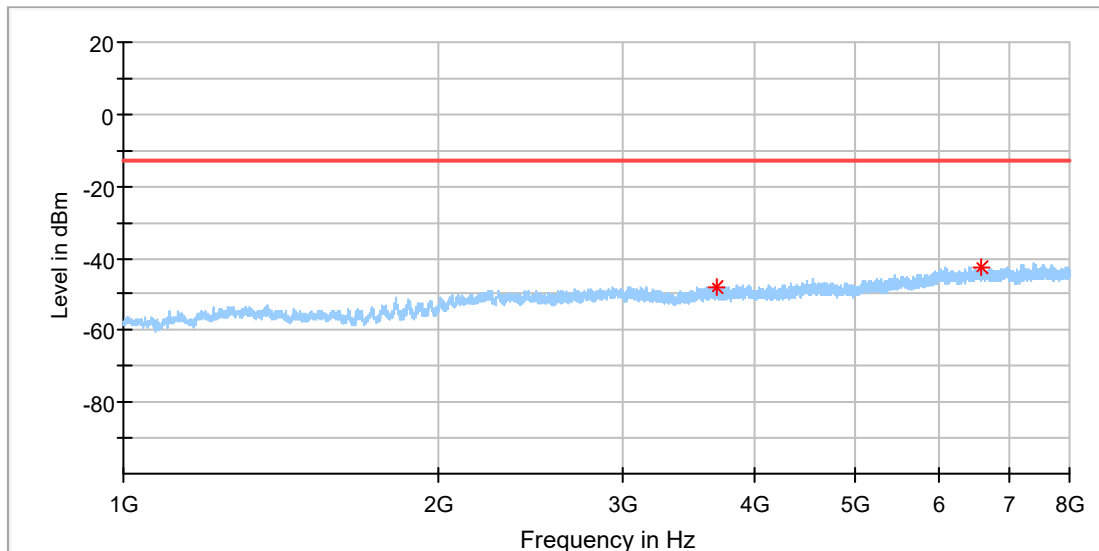


Critical Freqs

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

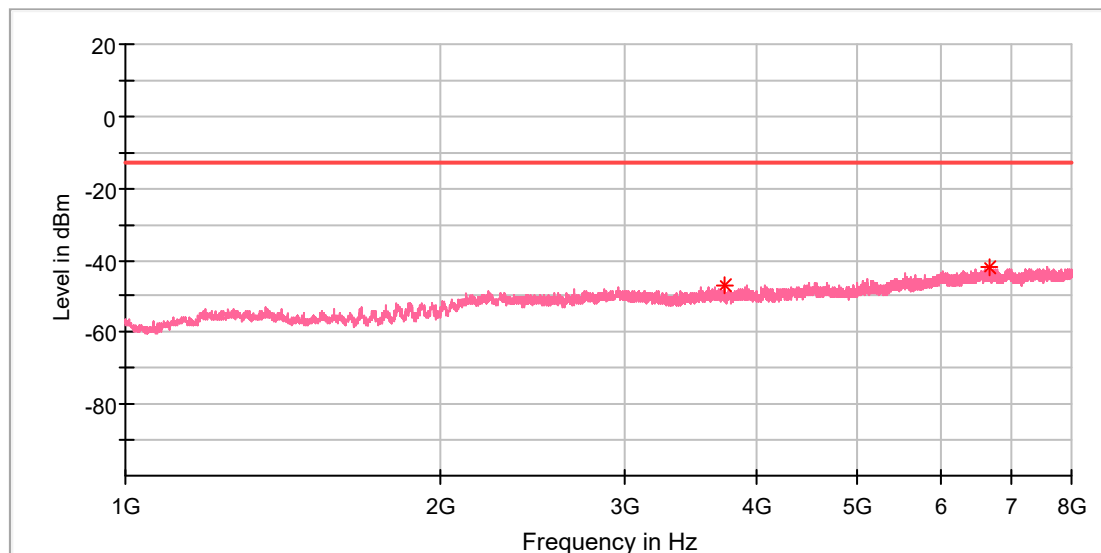


Critical Freqs

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

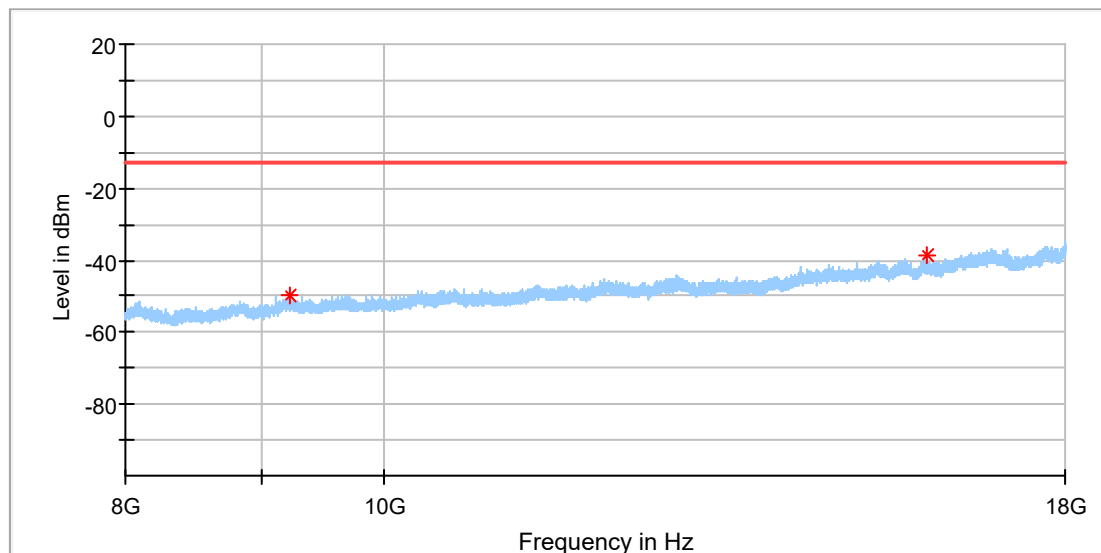


Critical Freqs

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

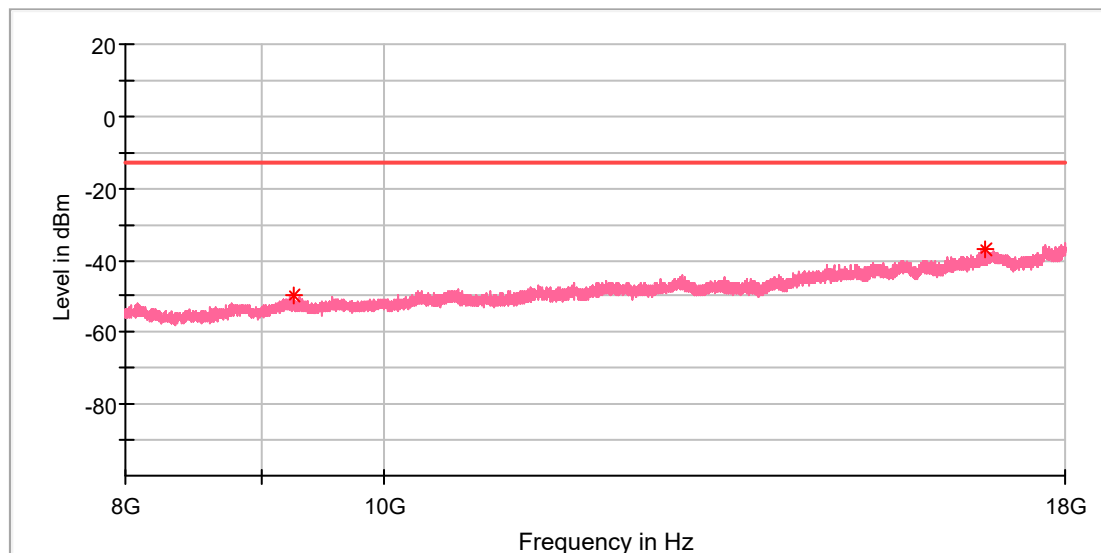


Critical Freqs

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

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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



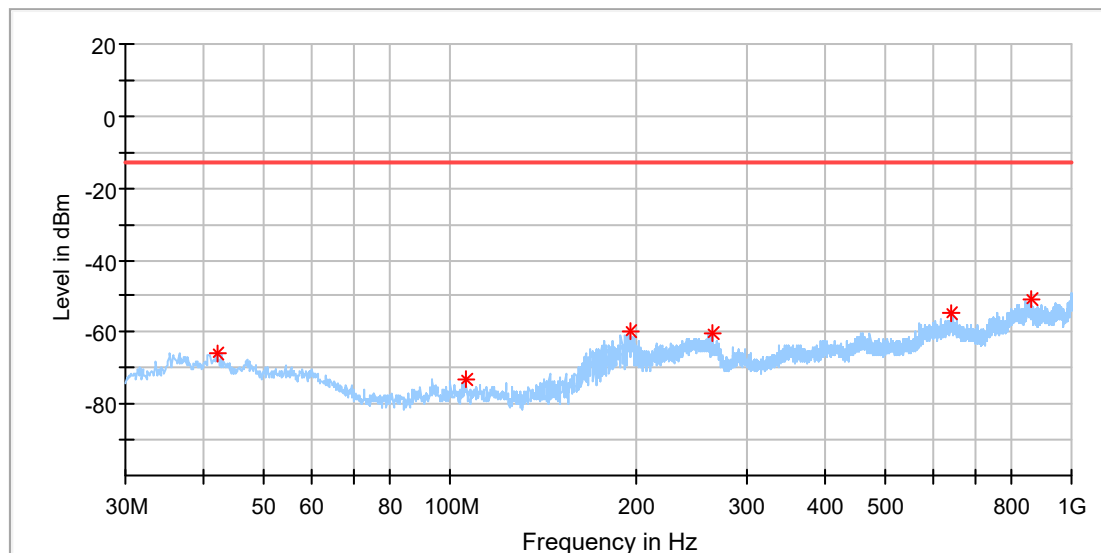
Critical Freqs

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

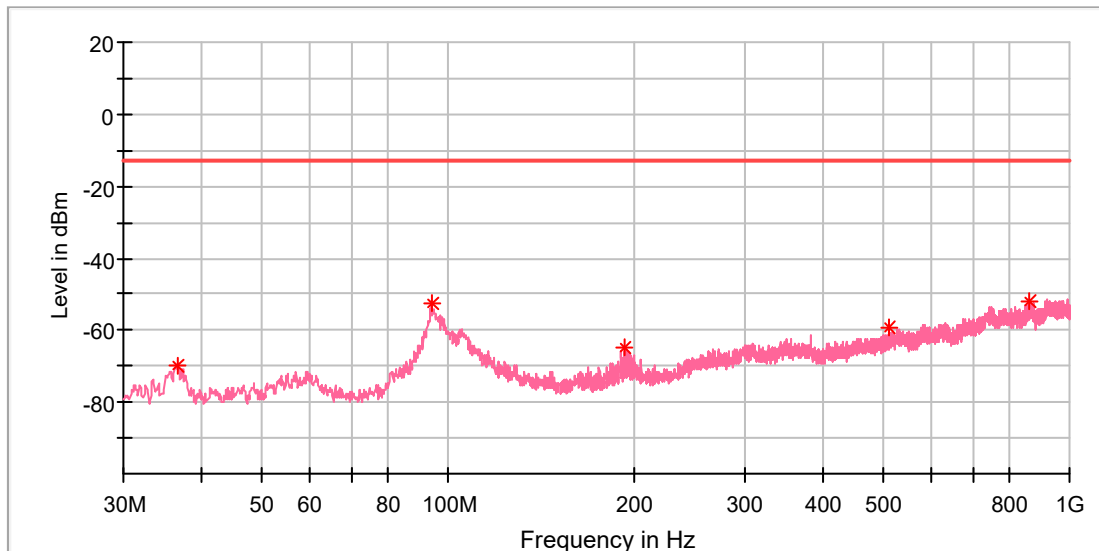


Critical Freqs

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

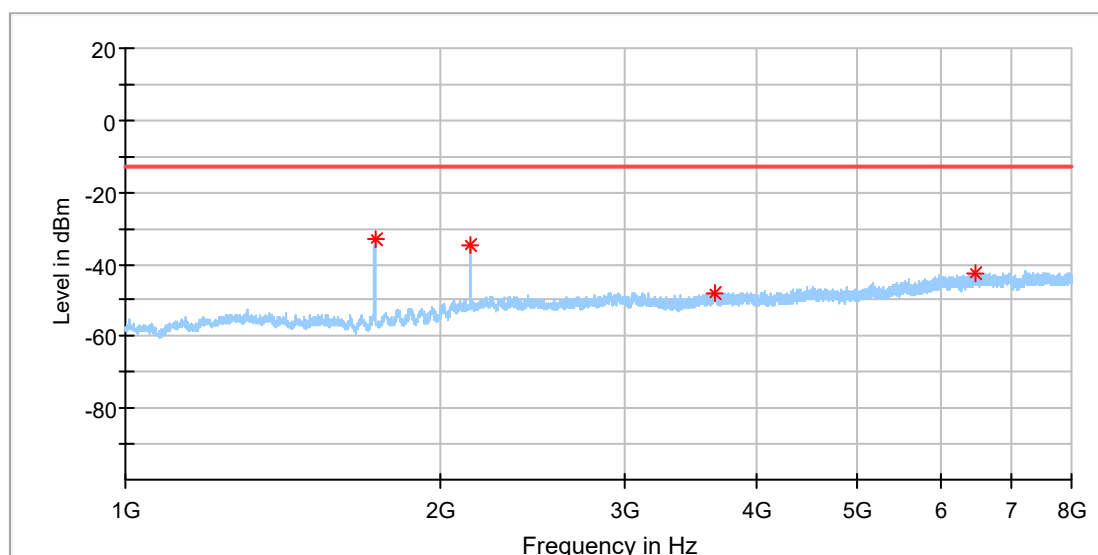


Critical Freqs

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

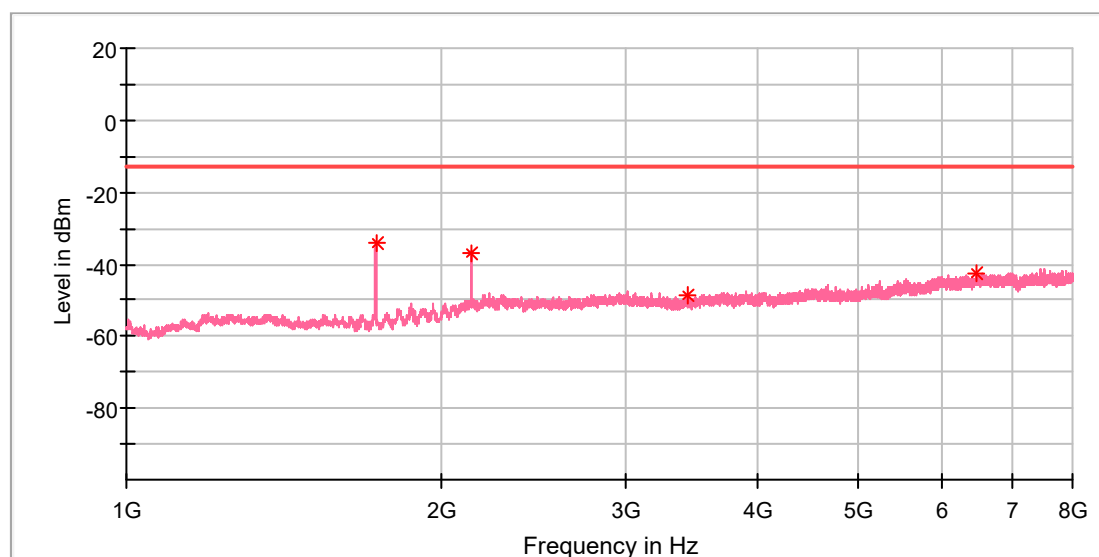


Critical Freqs

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

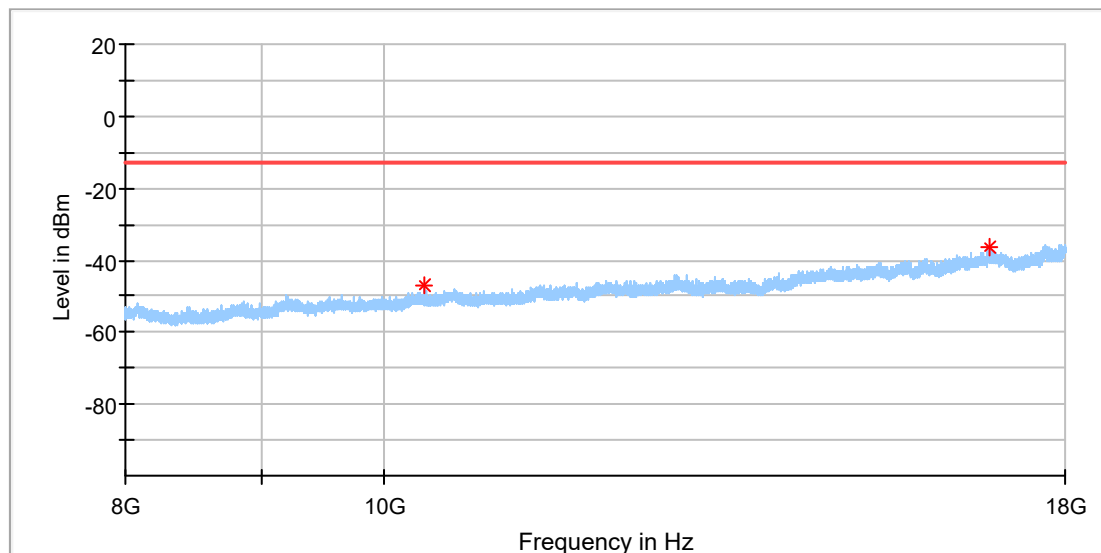


Critical Freqs

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

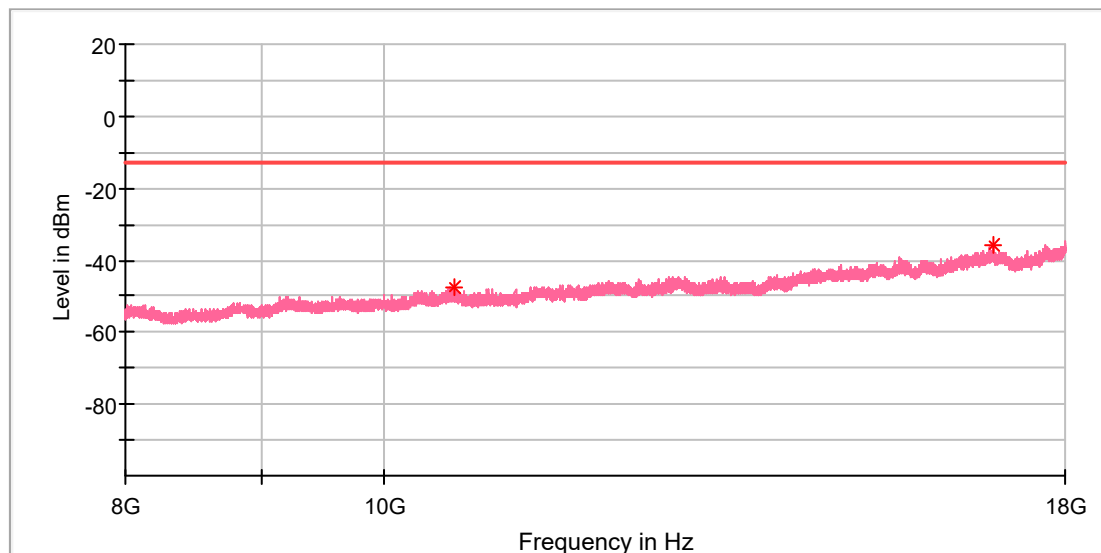


Critical Freqs

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



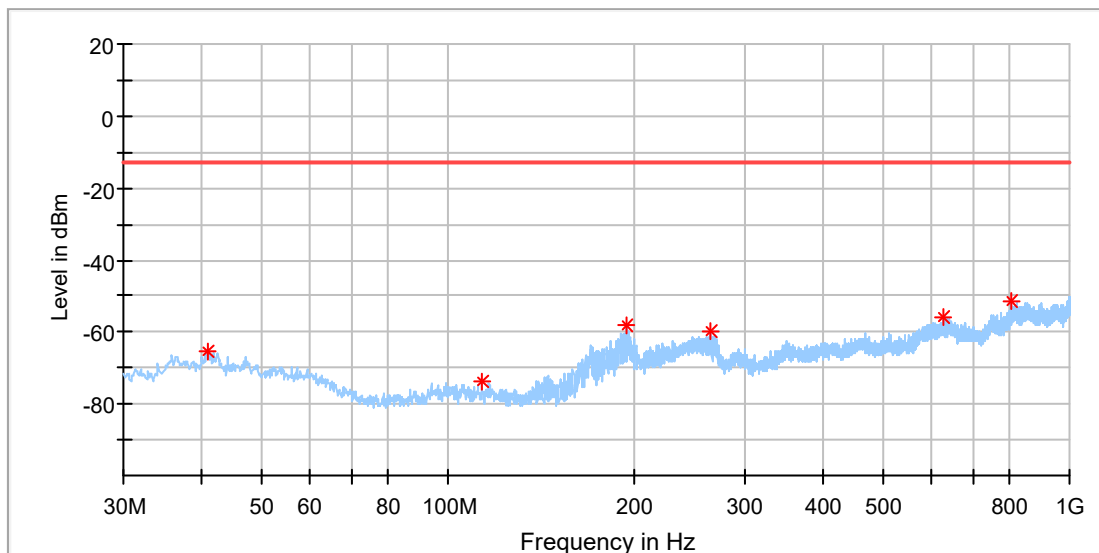
Critical Freqs

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

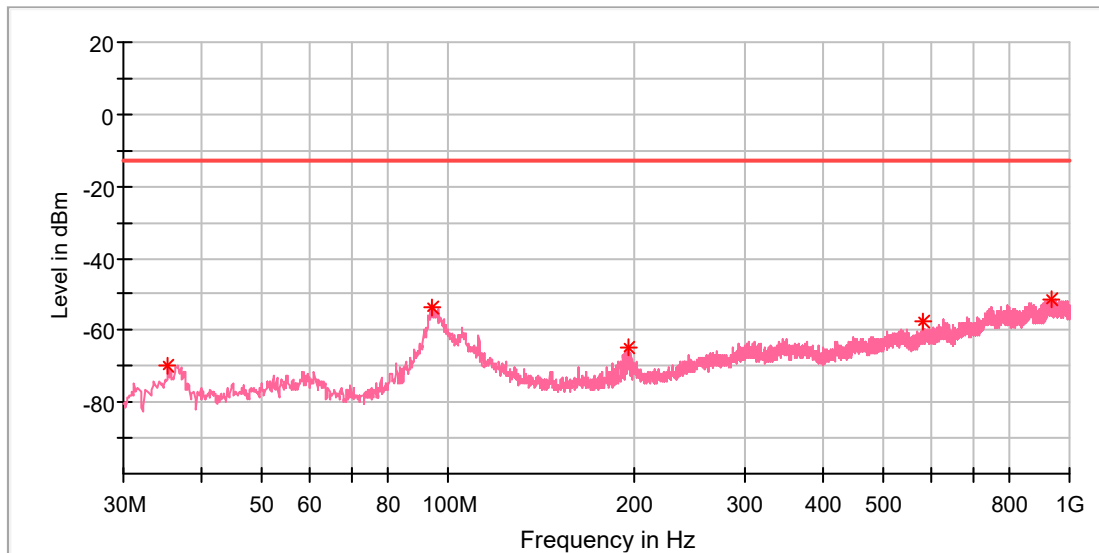


Critical Freqs

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

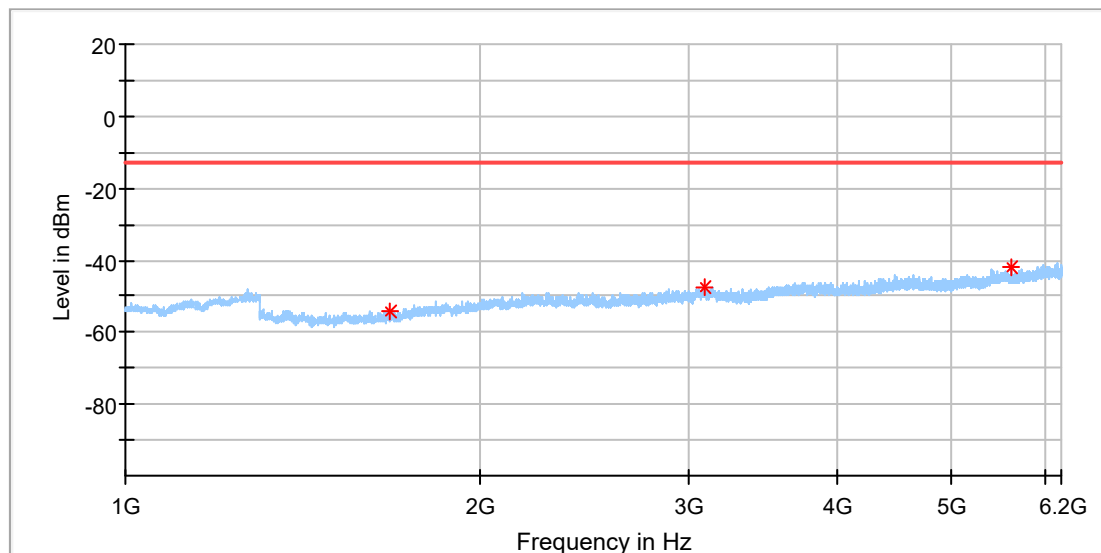


Critical Freqs

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

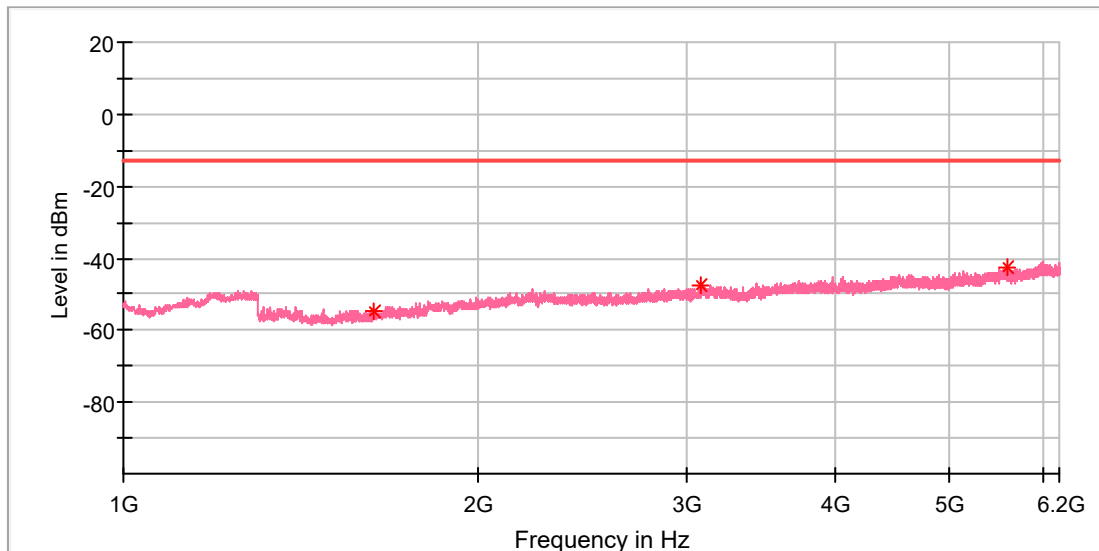


Critical Freqs

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

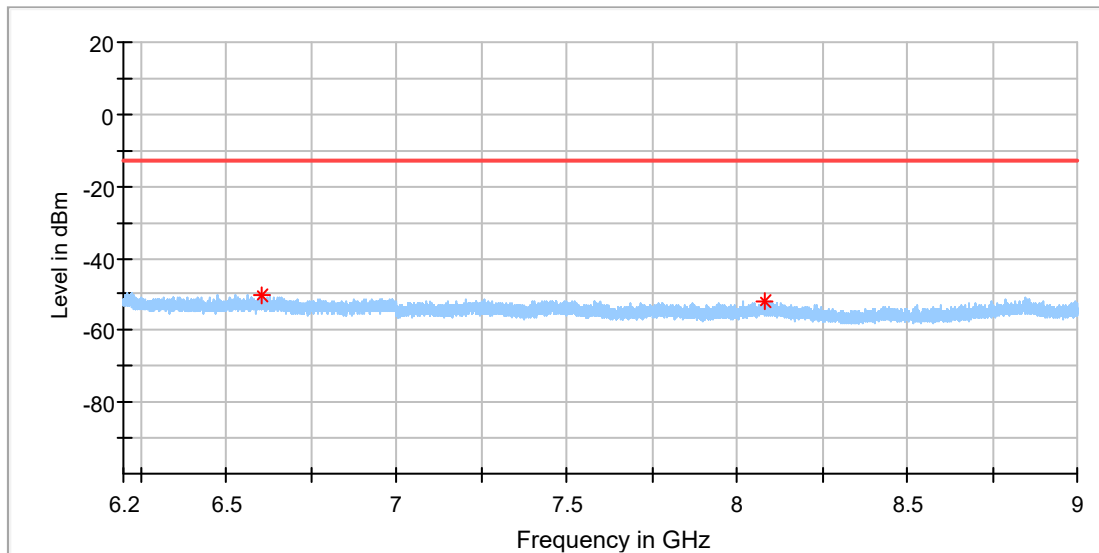


Critical Freqs

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

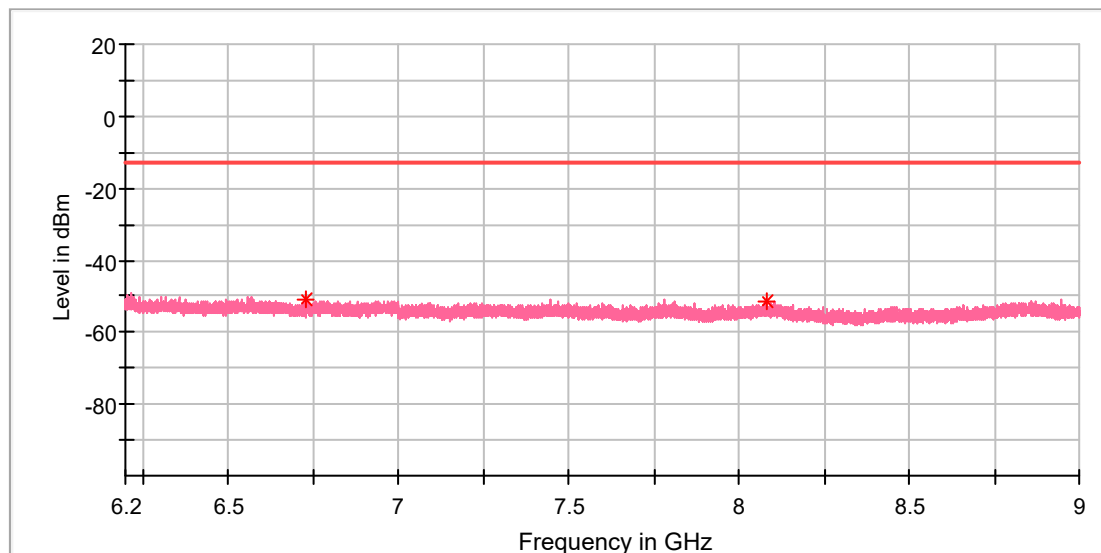


Critical Freqs

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

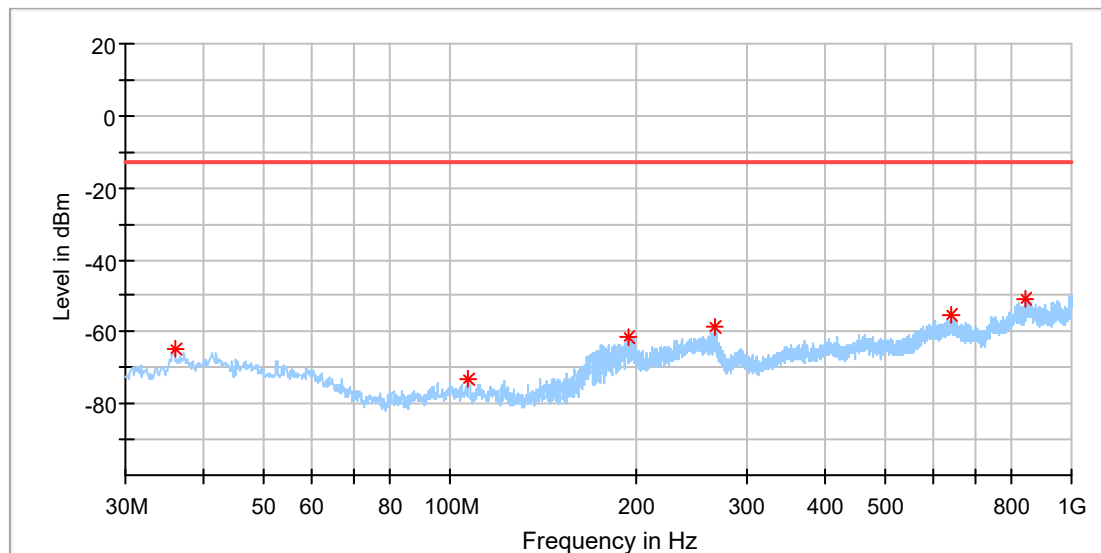
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6730.483333	-51.08	-13.00	38.08	150.0	V	8.0	-87.5
8083.700000	-51.21	-13.00	38.21	150.0	V	198.0	-86.3

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

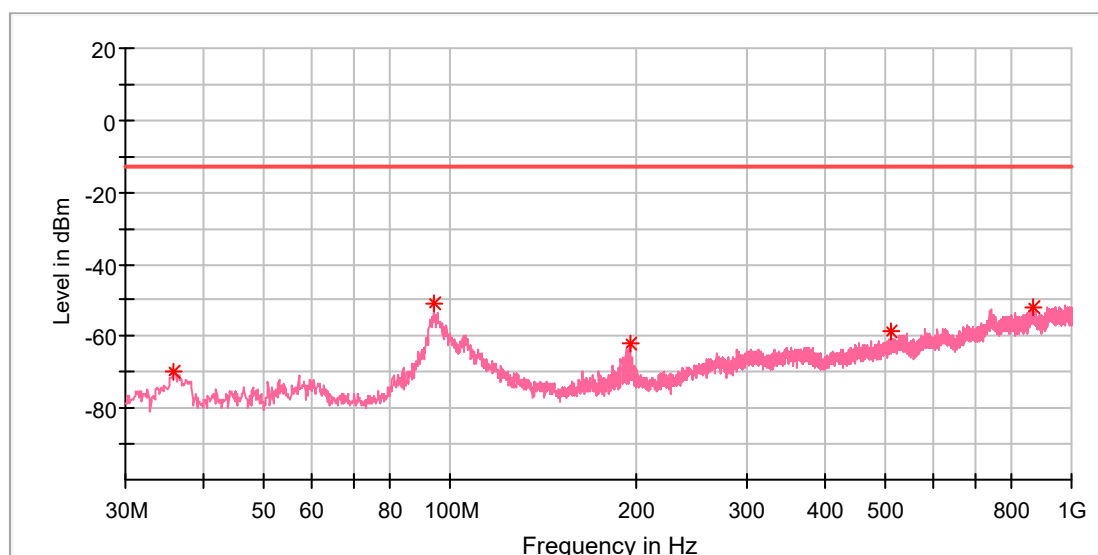


Critical Freqs

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

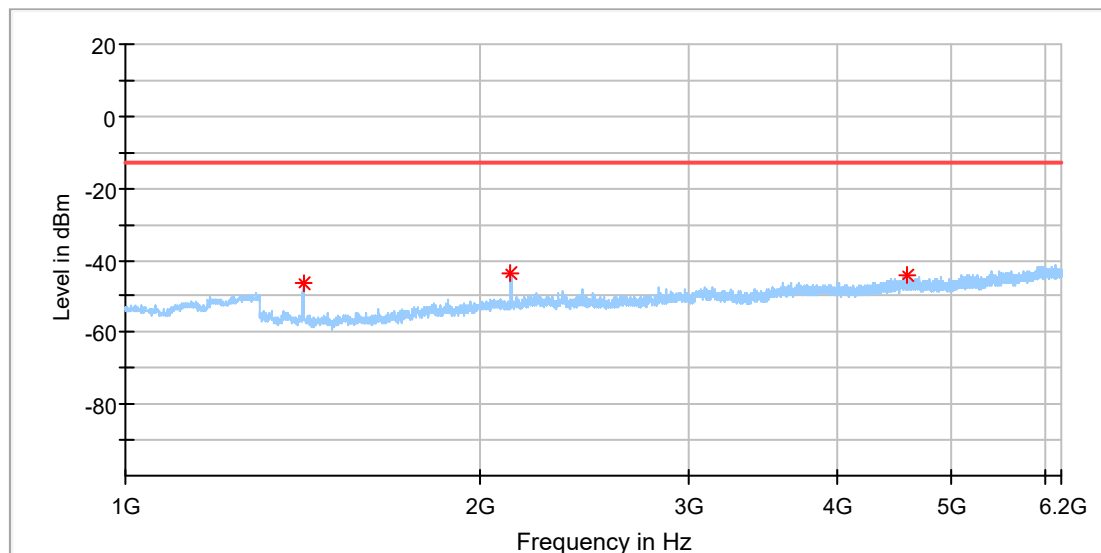


Critical Freqs

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

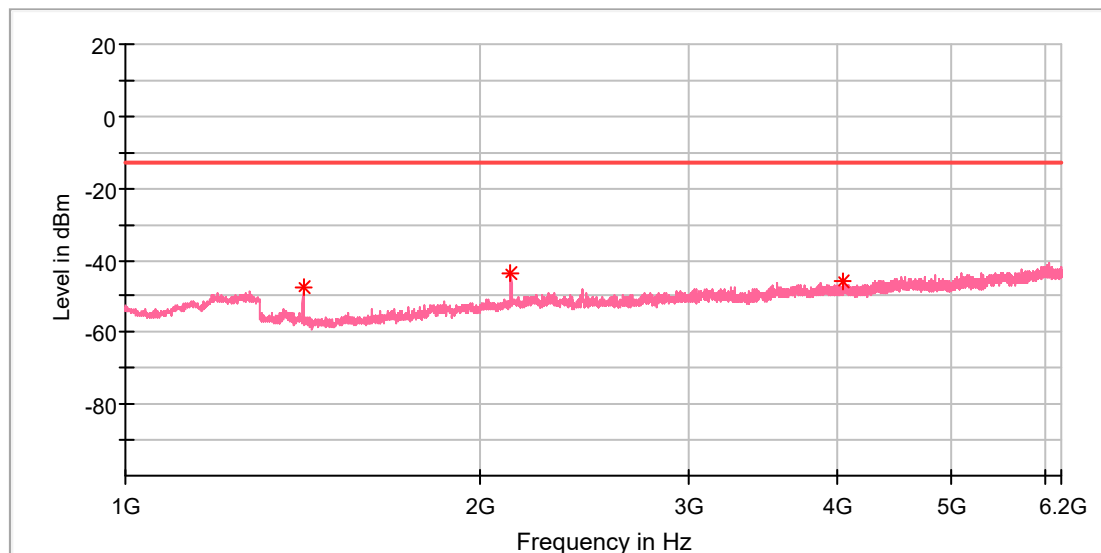


Critical Freqs

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

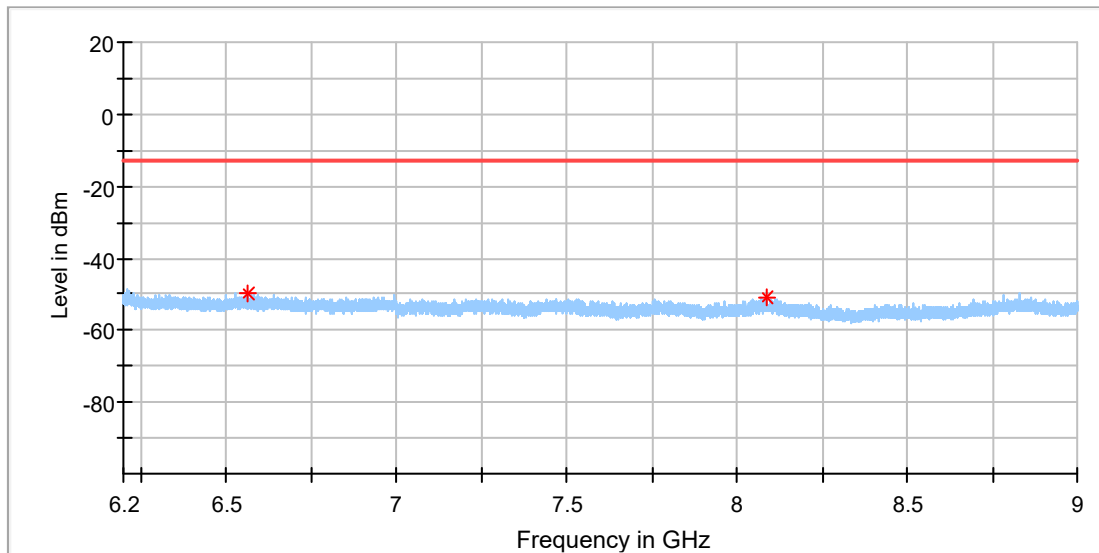


Critical Freqs

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

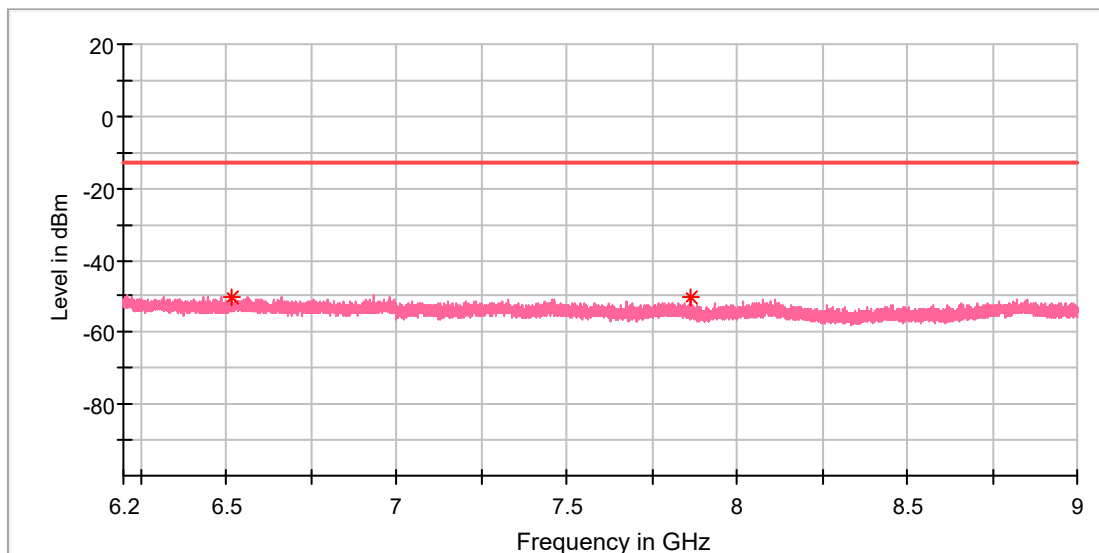


Critical Freqs

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



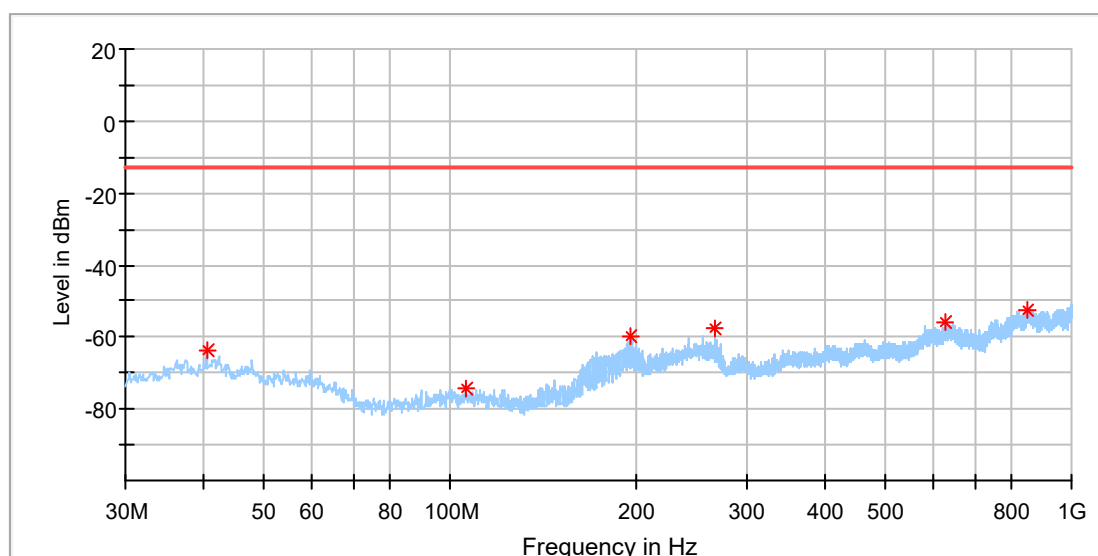
Critical Freqs

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

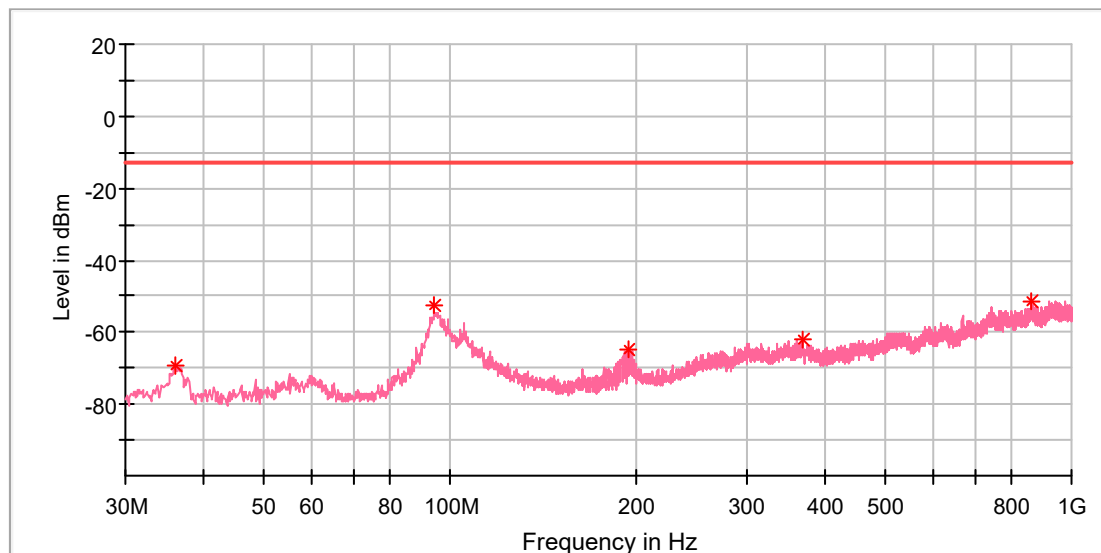


Critical Freqs

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

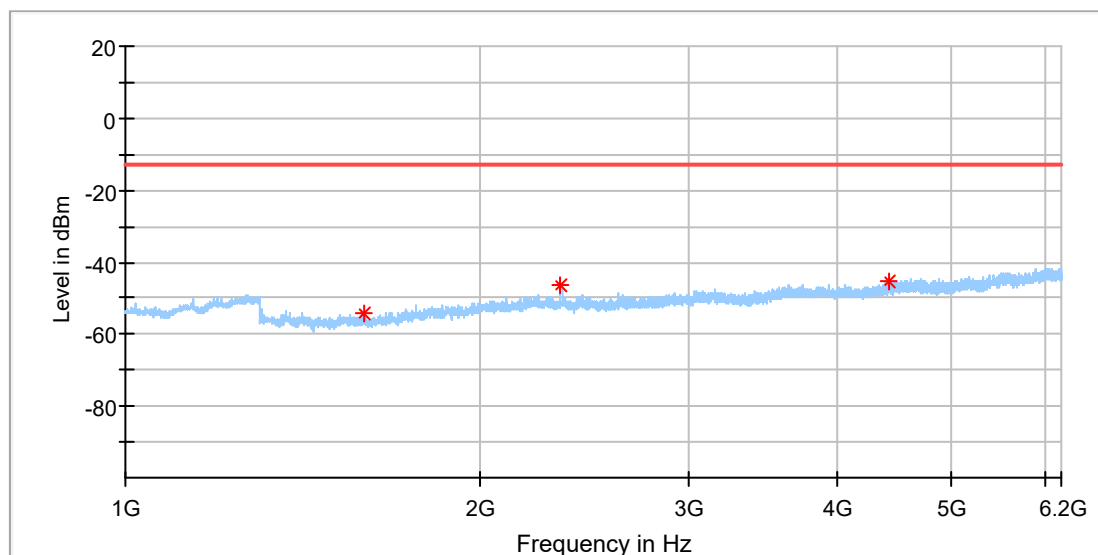


Critical Freqs

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

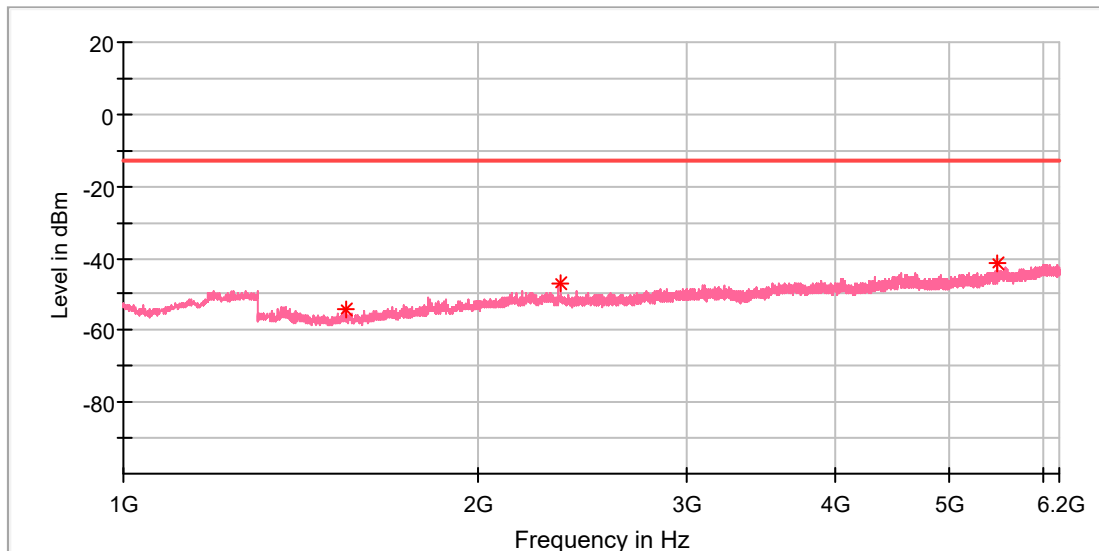


Critical Freqs

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

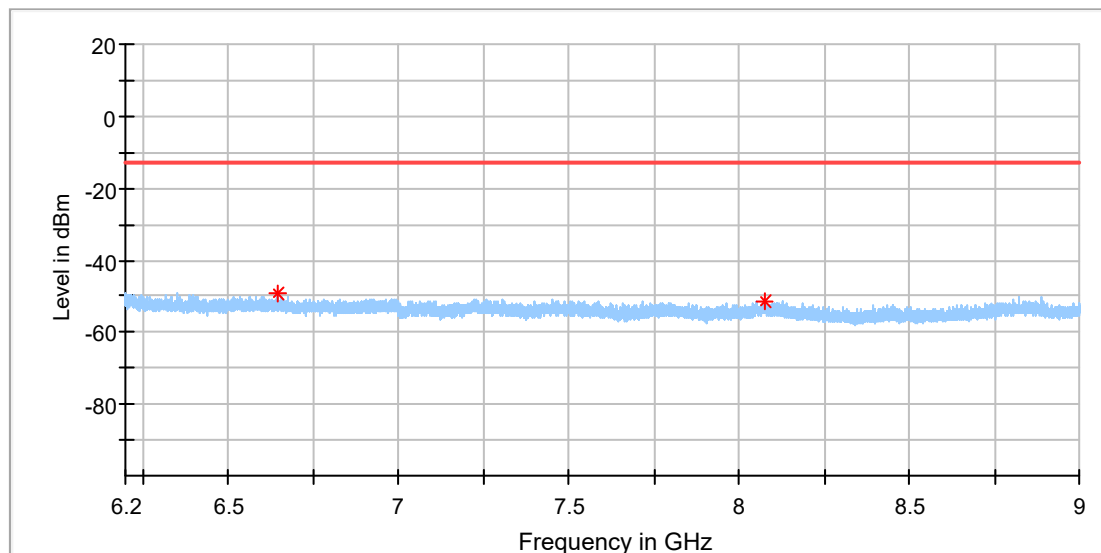


Critical Freqs

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

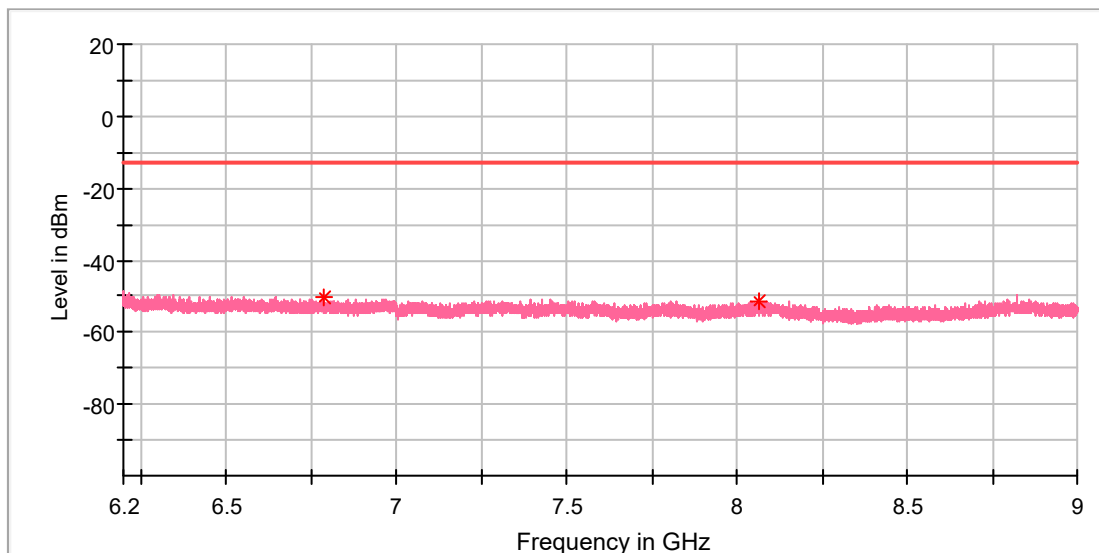


Critical Freqs

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



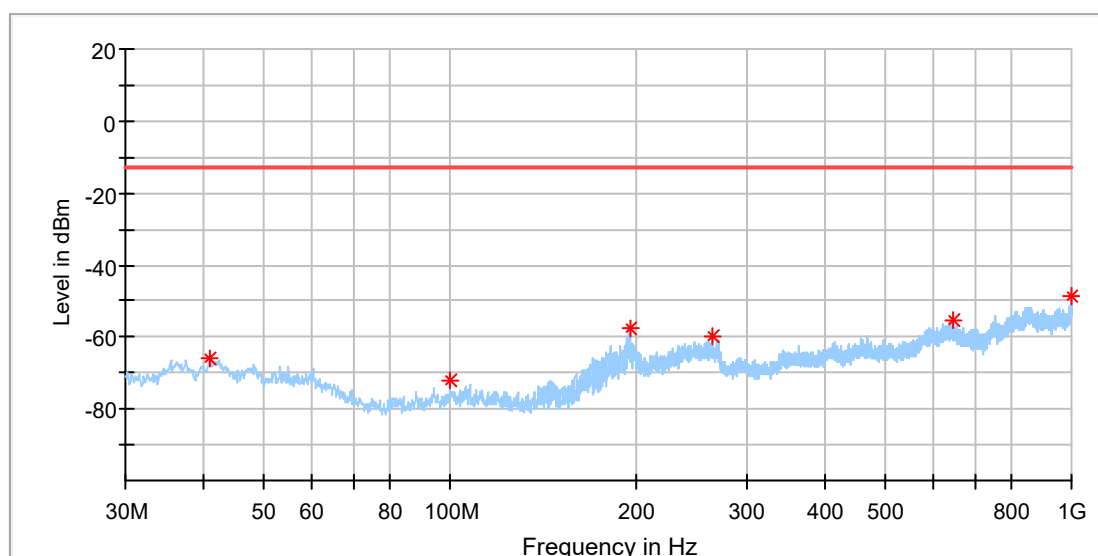
Critical Freqs

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

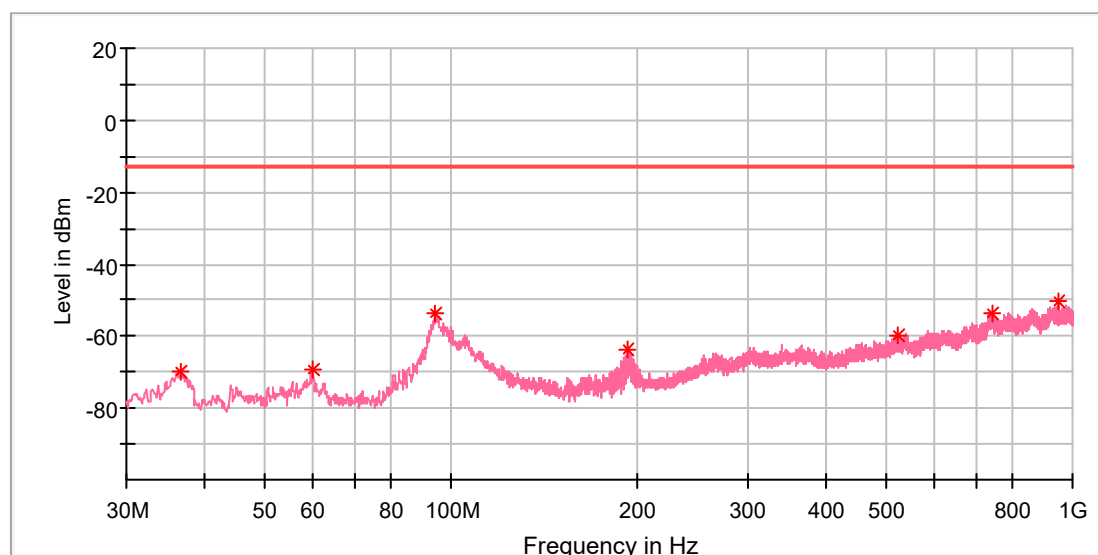


Critical Freqs

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

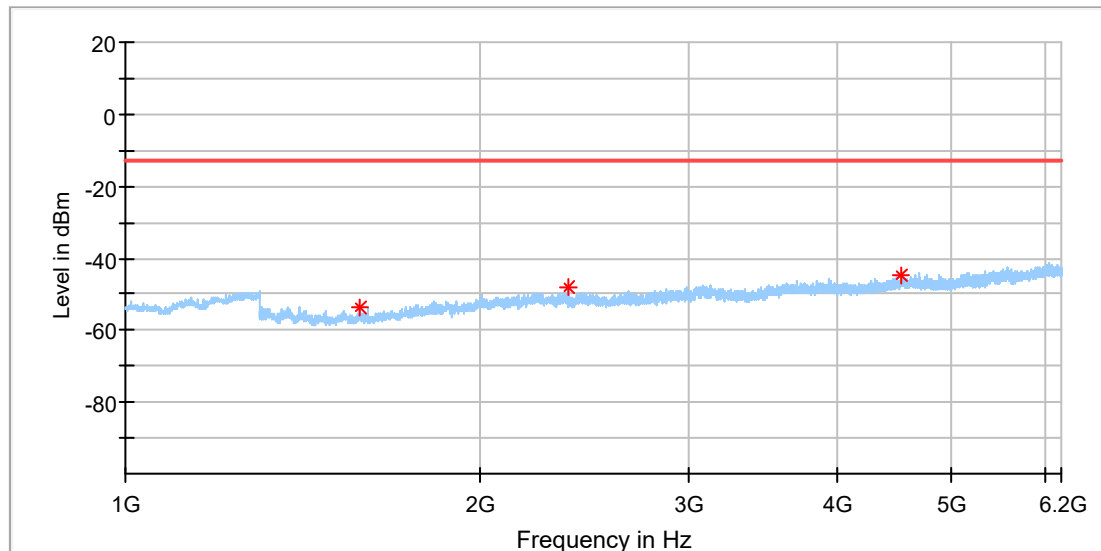


Critical Freqs

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

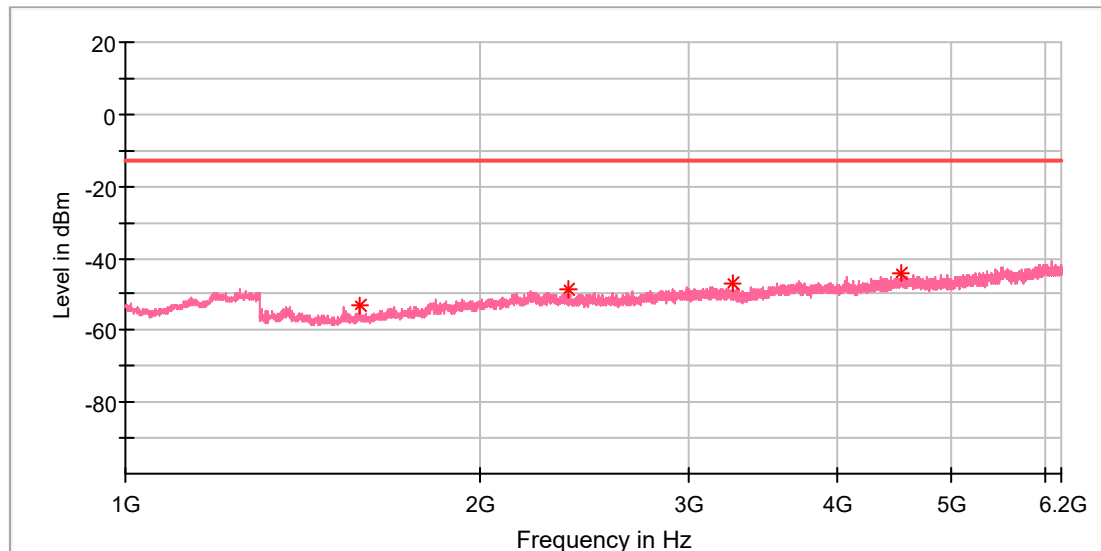


Critical Freqs

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

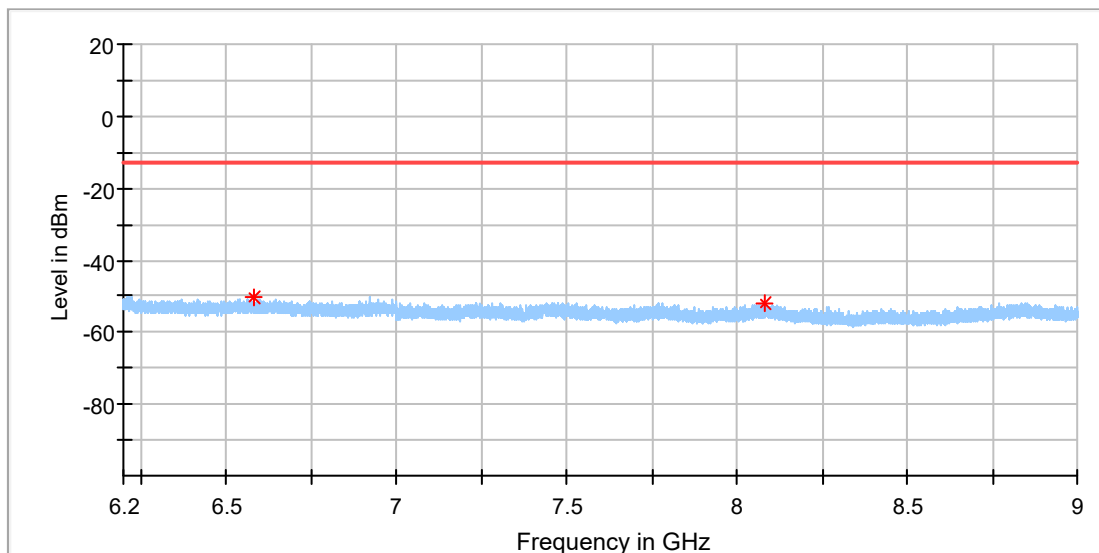


Critical Freqs

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

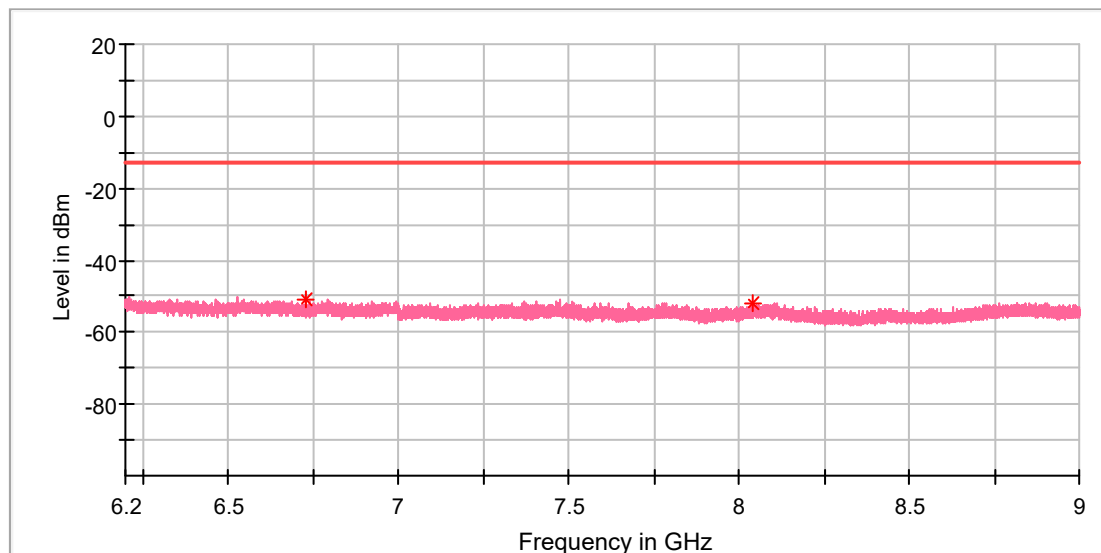


Critical Freqs

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



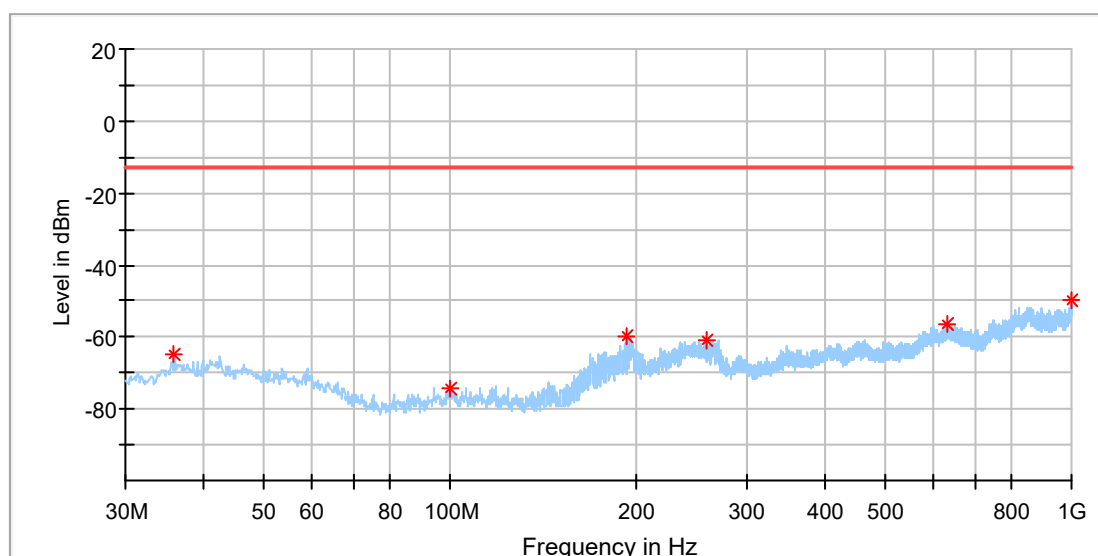
Critical Freqs

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

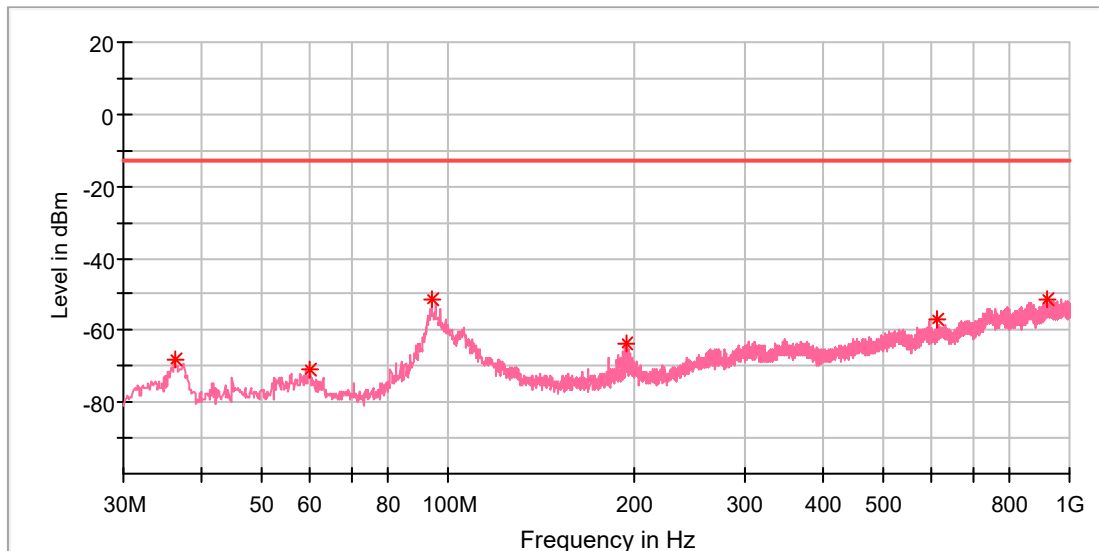


Critical Freqs

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

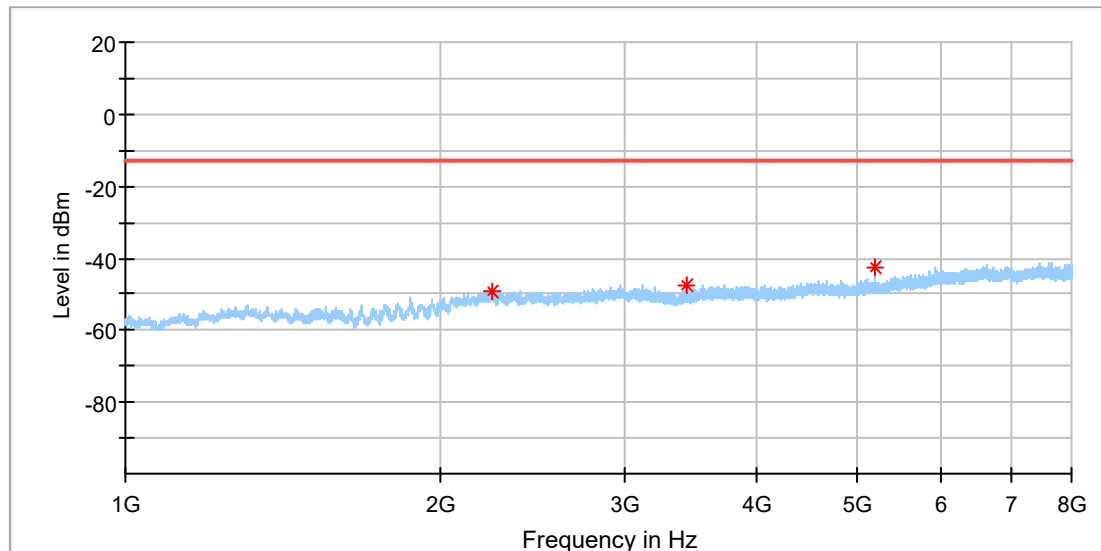


Critical Freqs

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

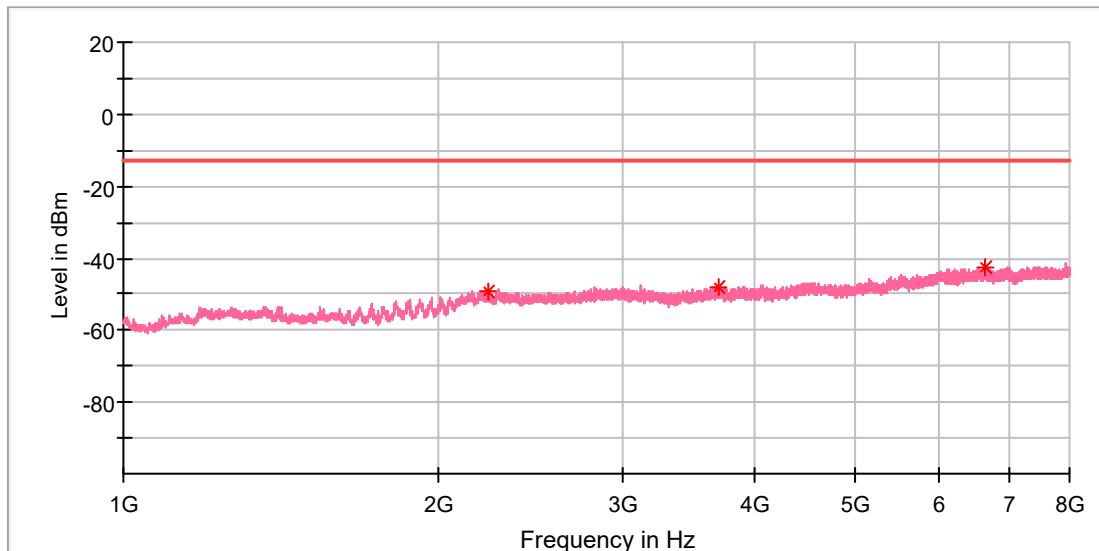


Critical Freqs

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

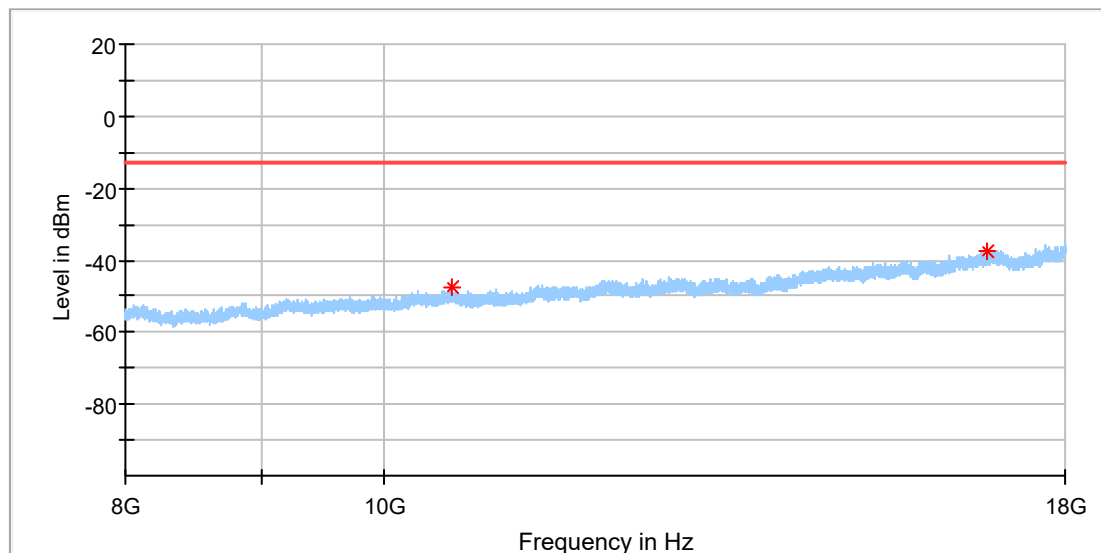


Critical Freqs

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

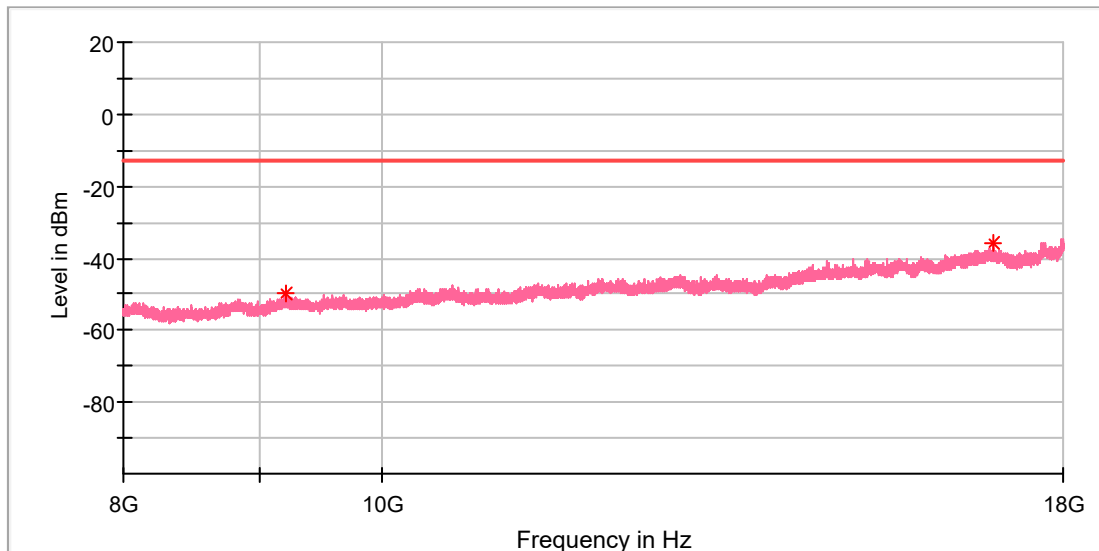


Critical Freqs

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



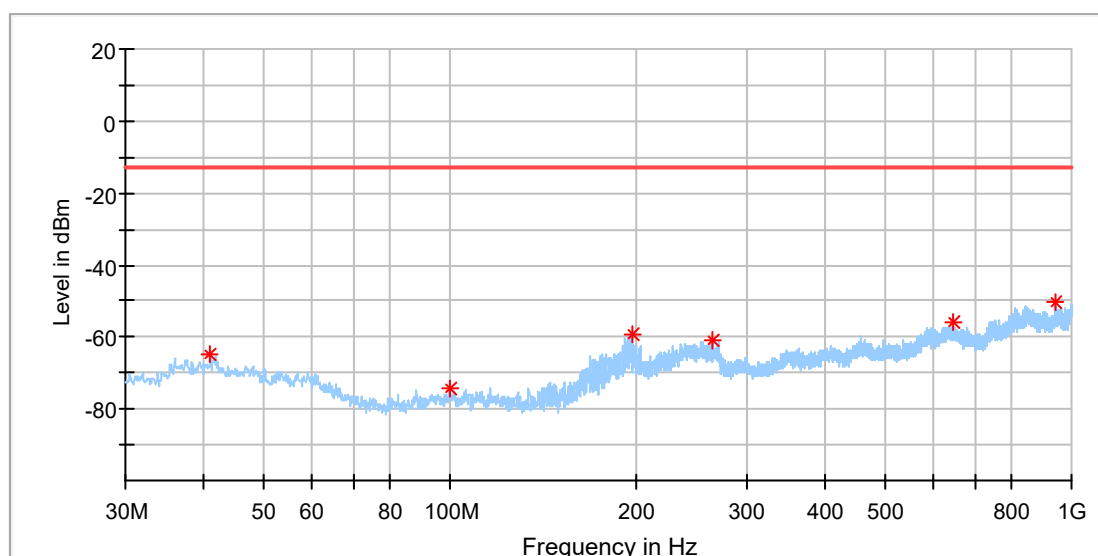
Critical Freqs

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

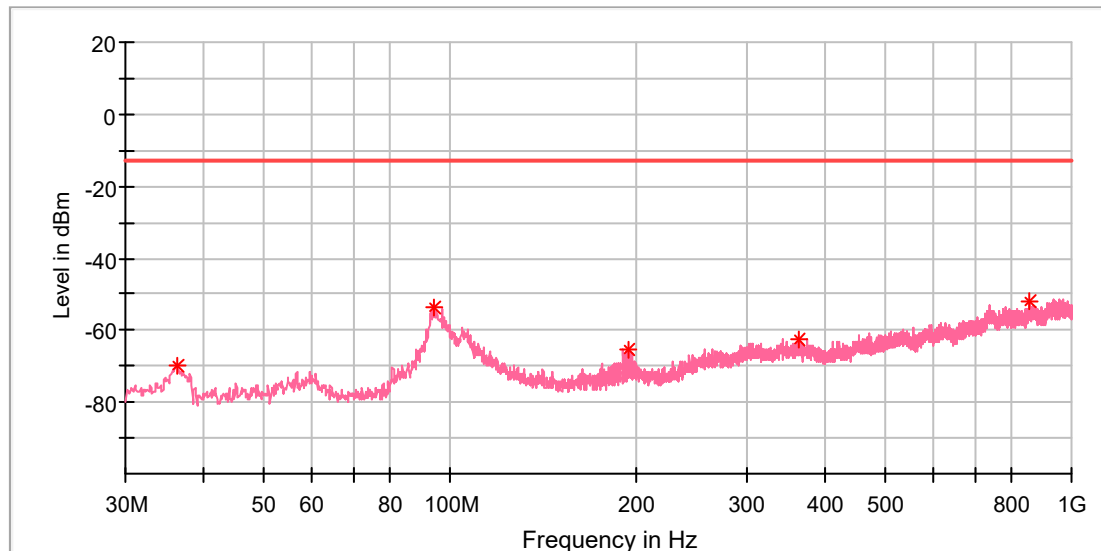


Critical Freqs

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

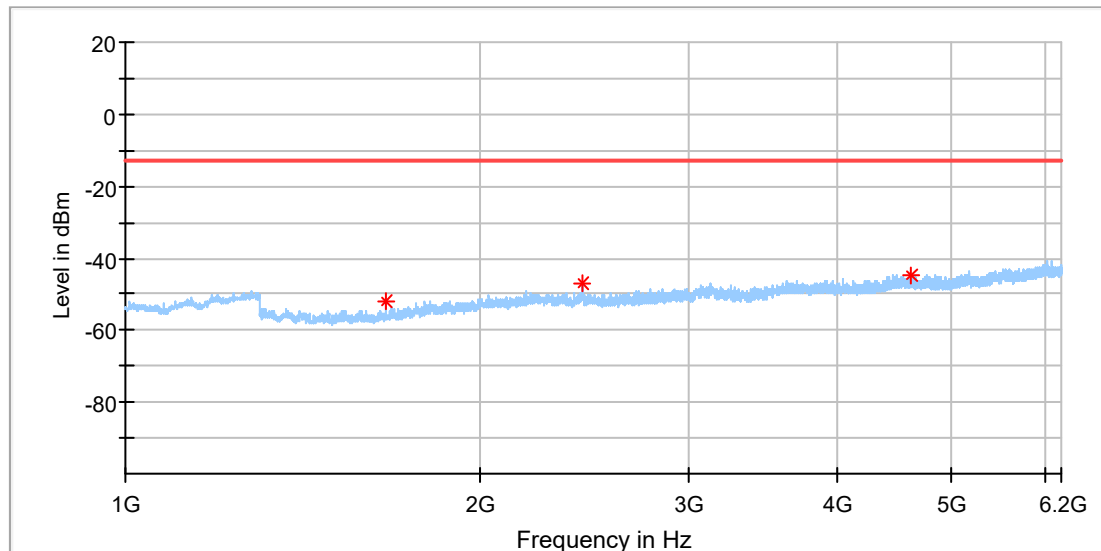


Critical Freqs

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

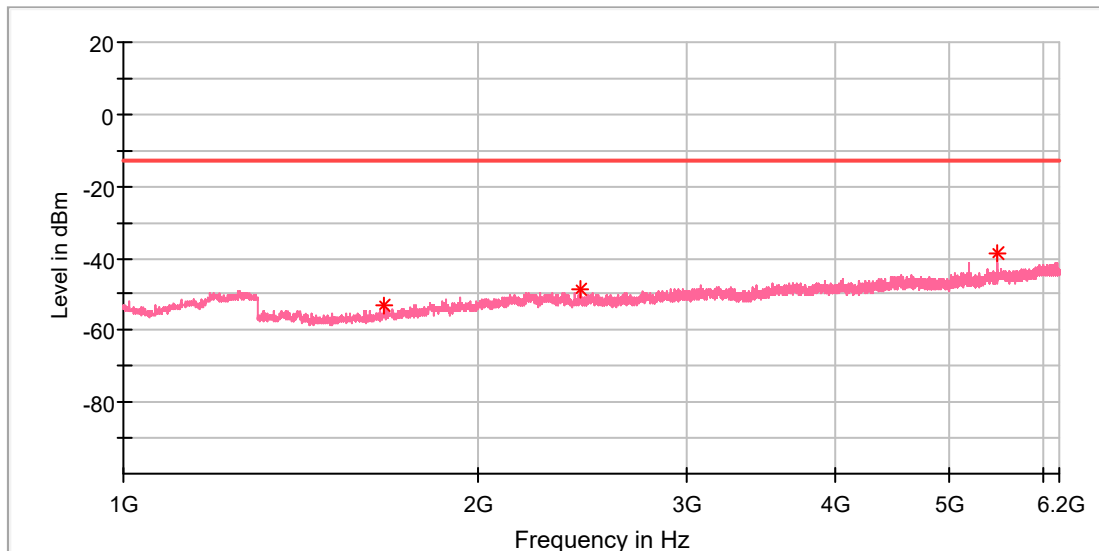


Critical Freqs

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

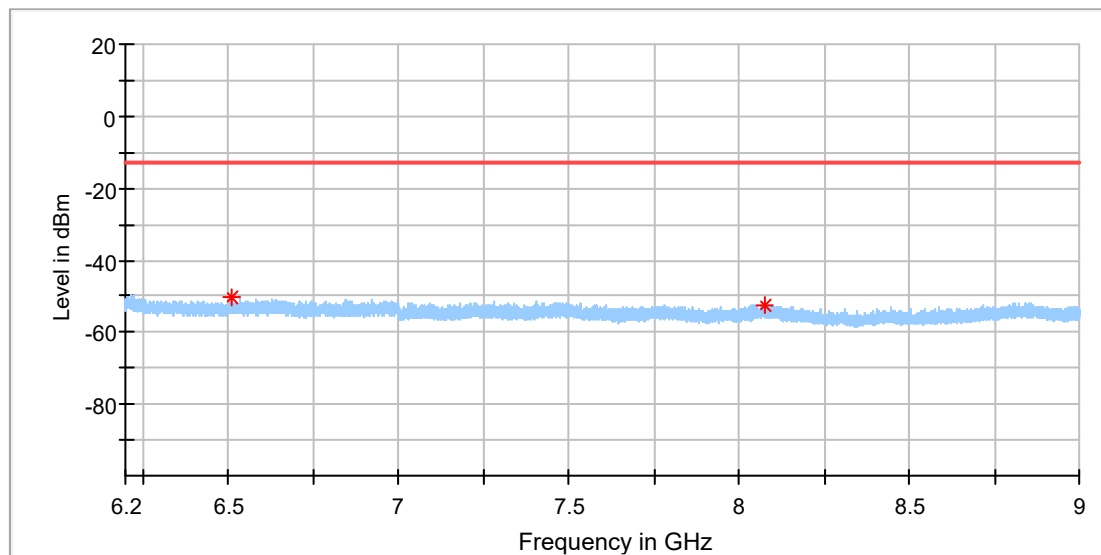


Critical Freqs

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

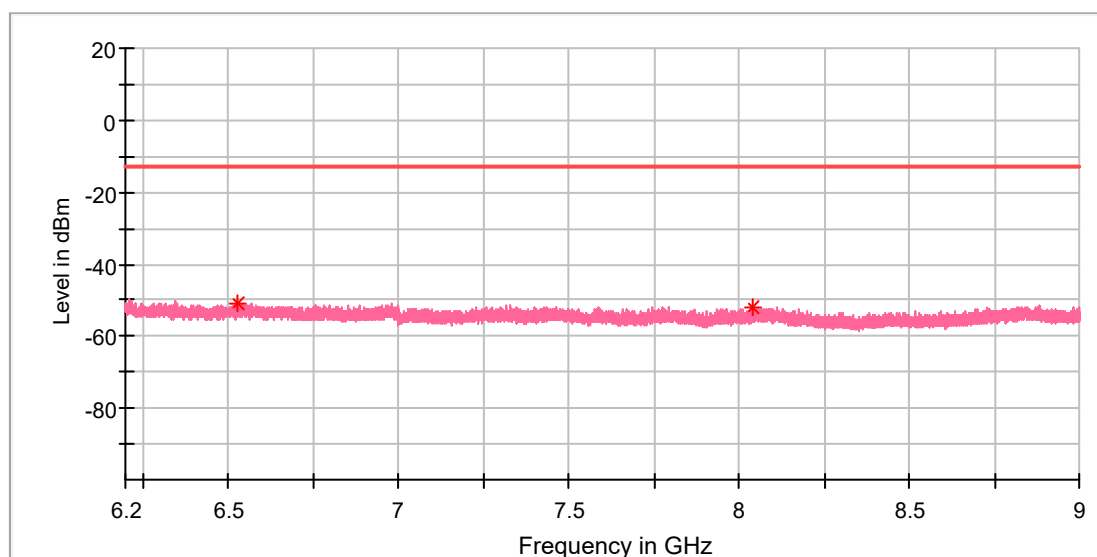


Critical Freqs

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



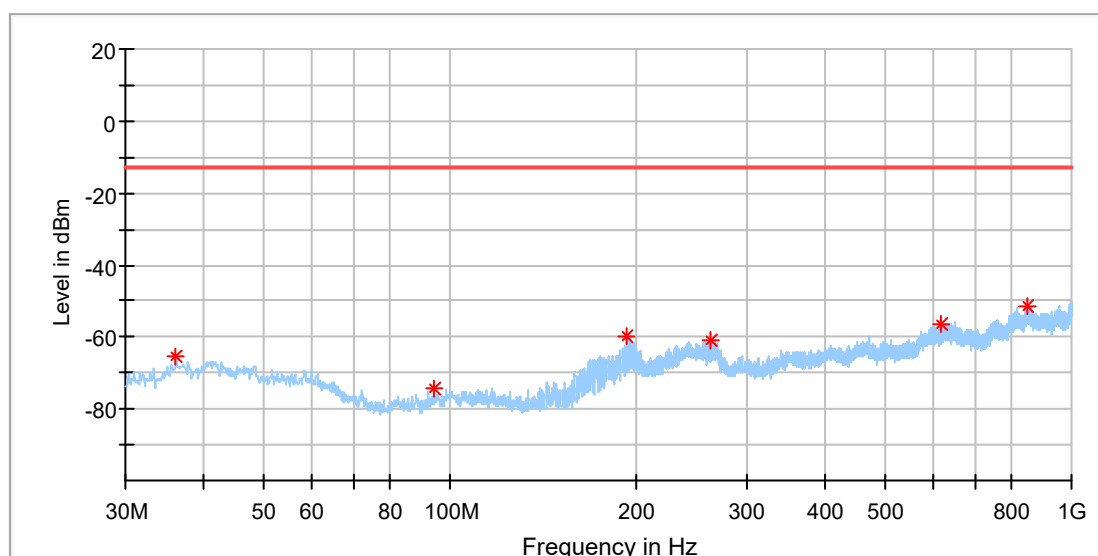
Critical Freqs

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

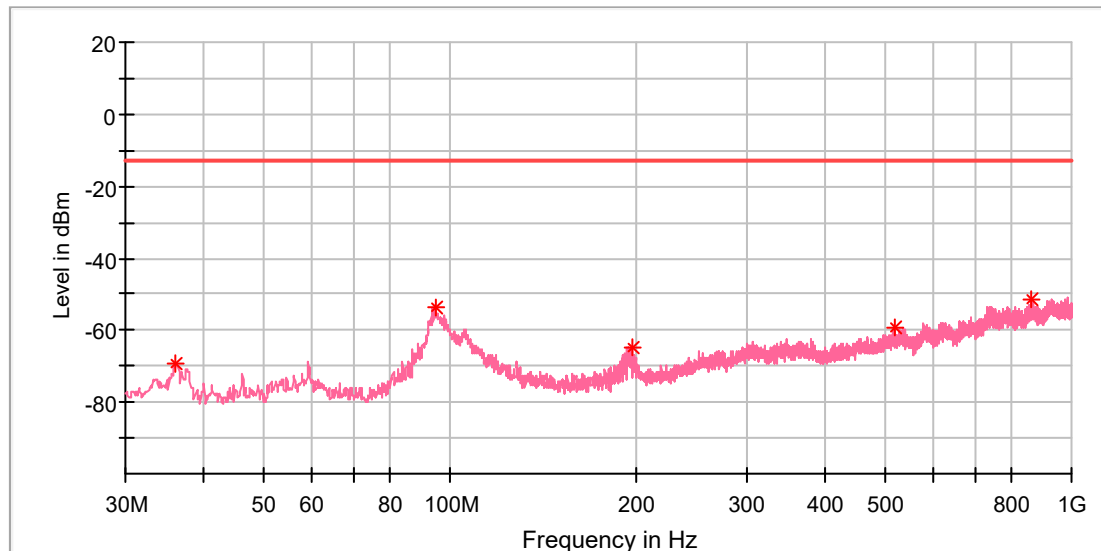


Critical Freqs

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

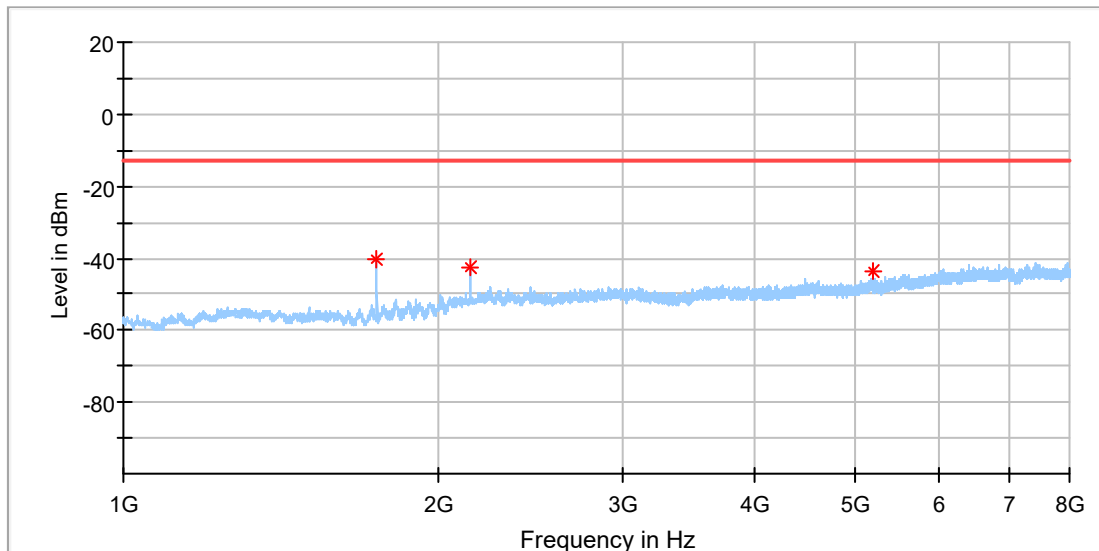


Critical Freqs

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

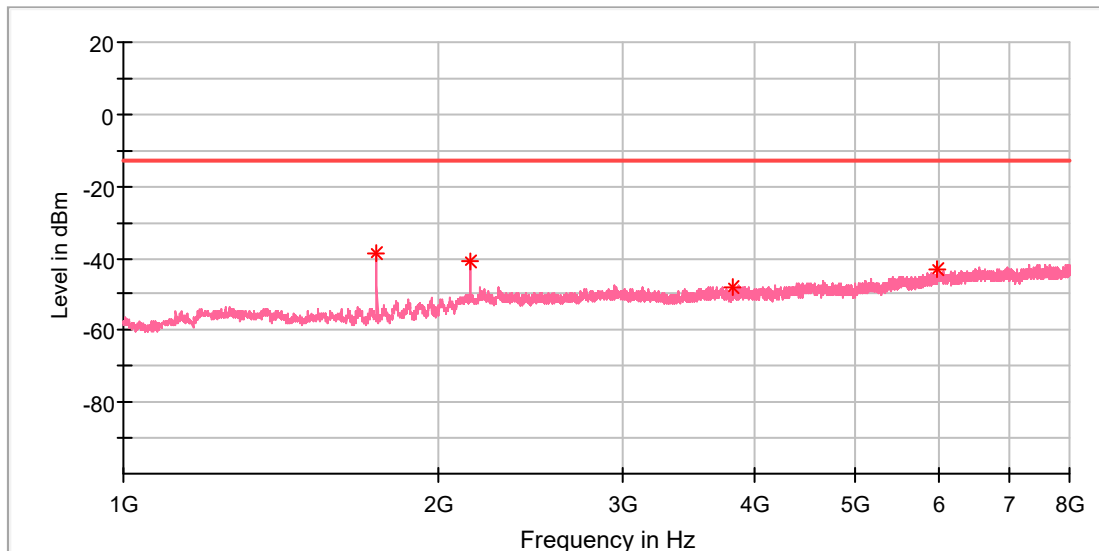


Critical Freqs

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

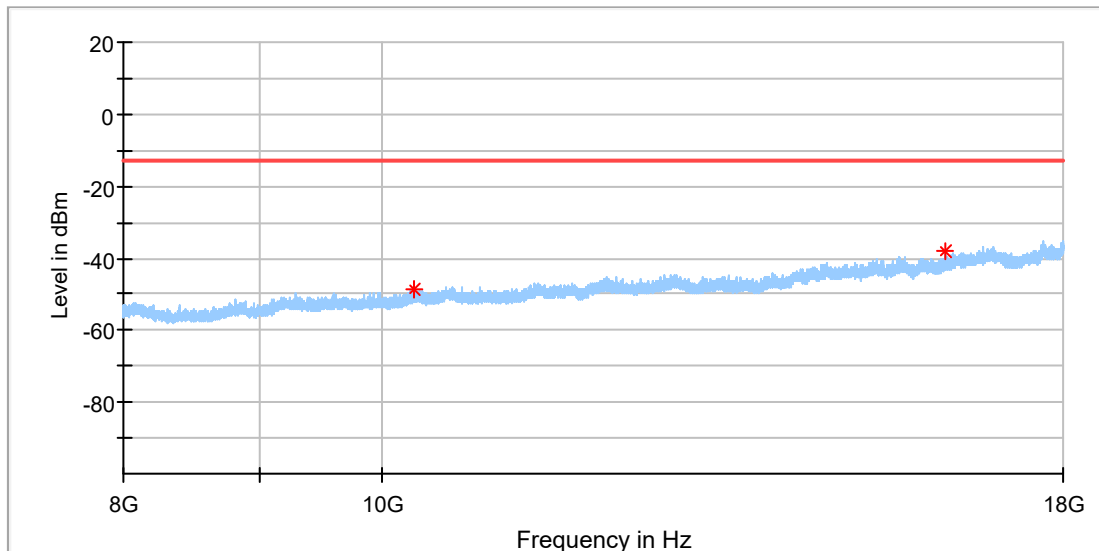


Critical Freqs

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

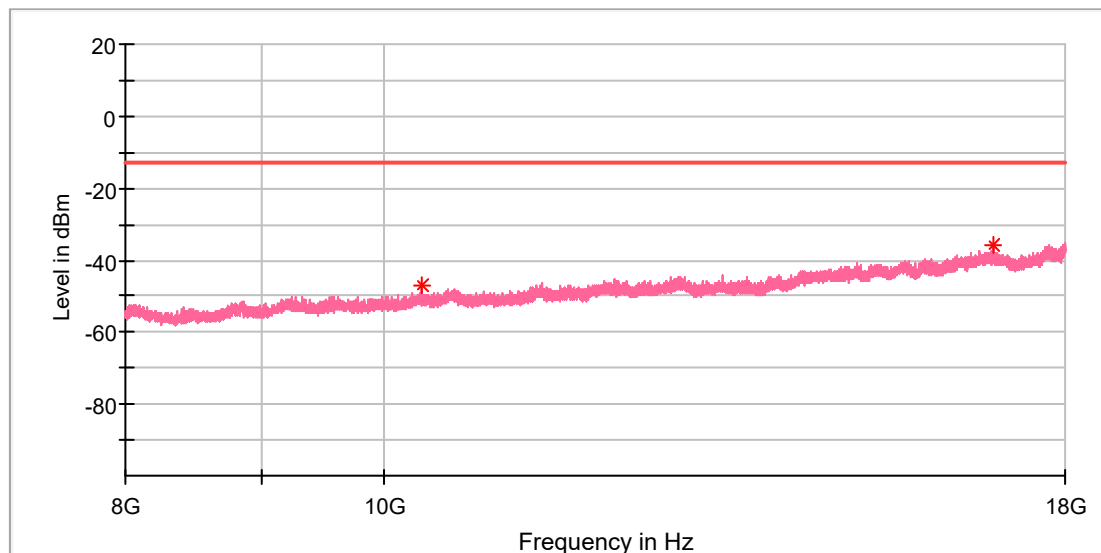


Critical Freqs

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



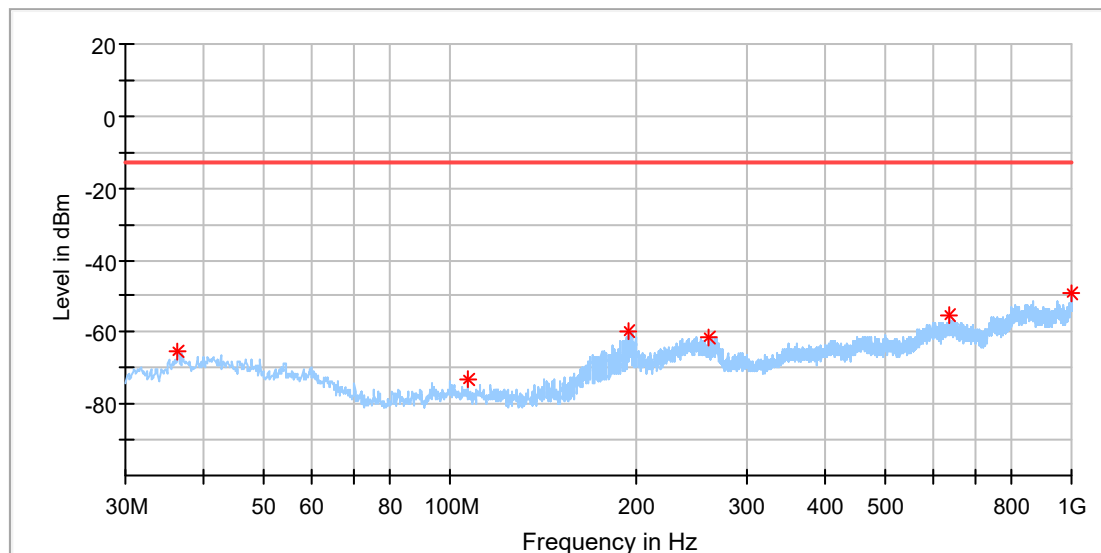
Critical Freqs

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

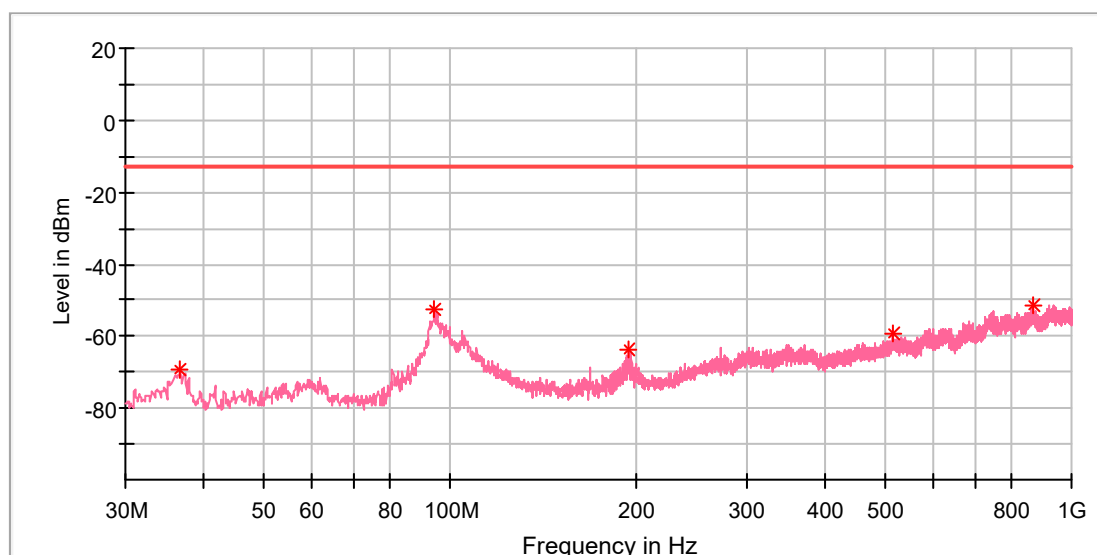


Critical Freqs

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

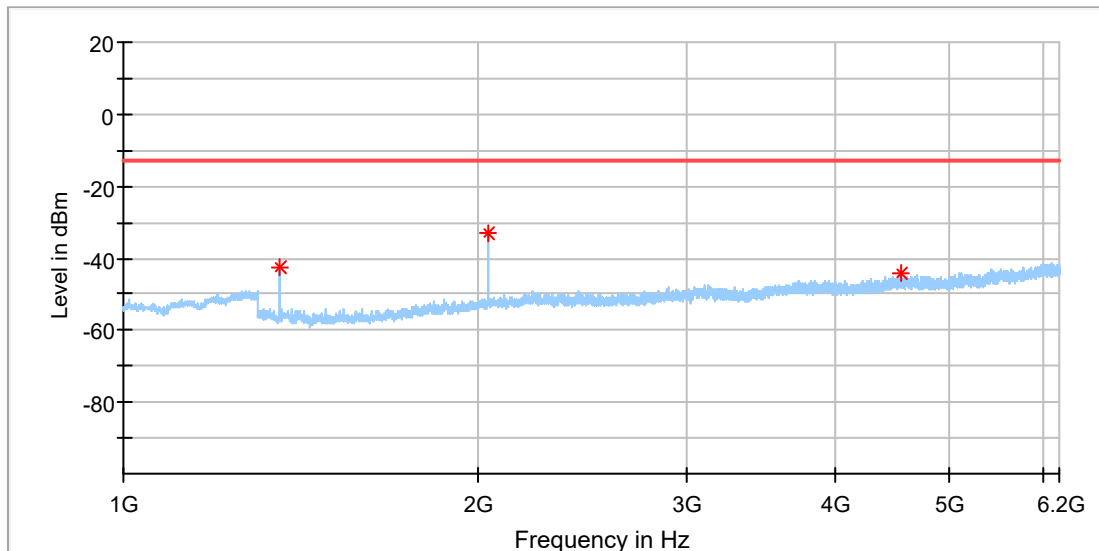


Critical Freqs

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

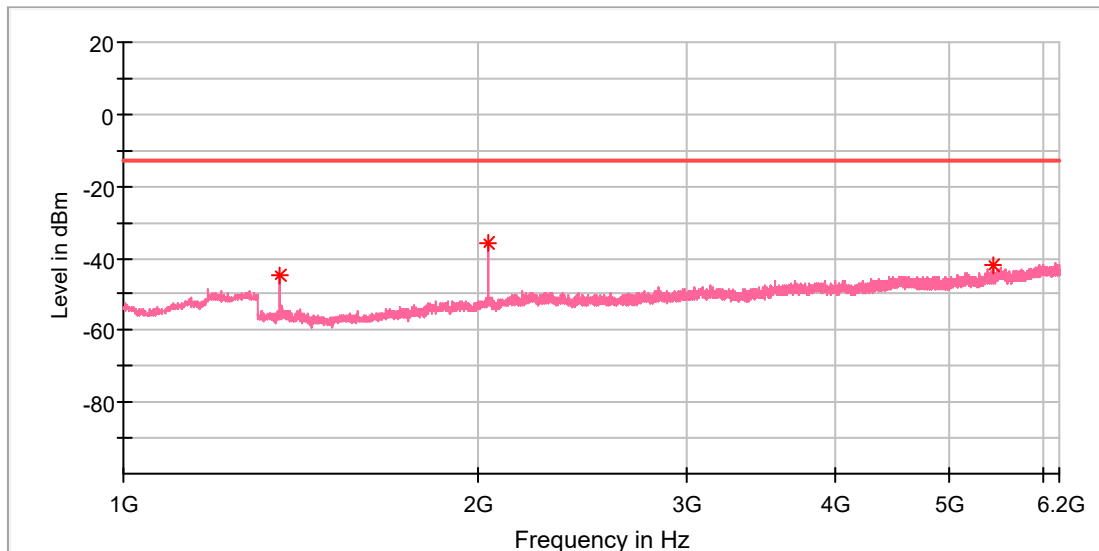


Critical Freqs

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

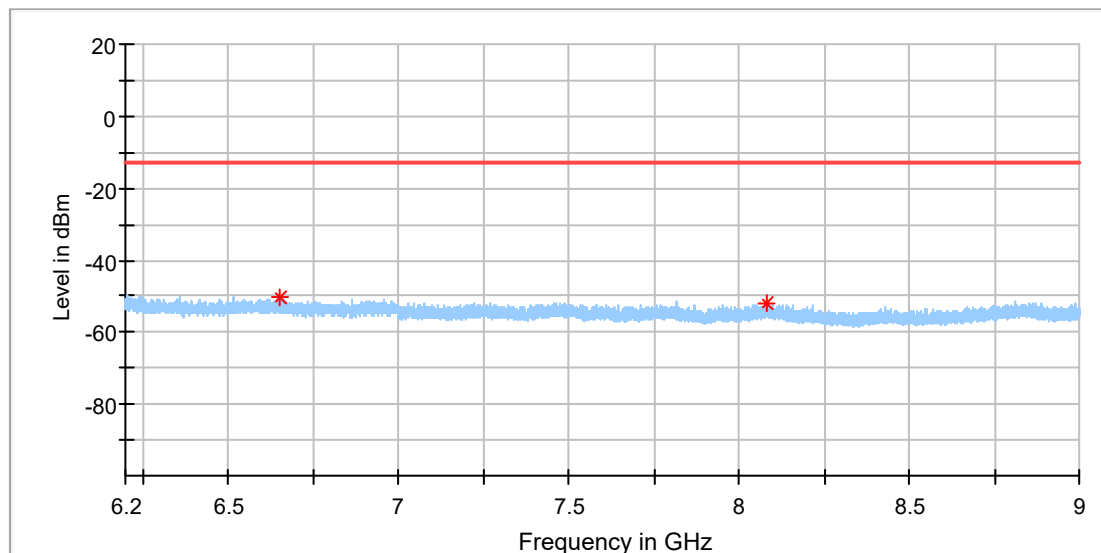


Critical Freqs

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

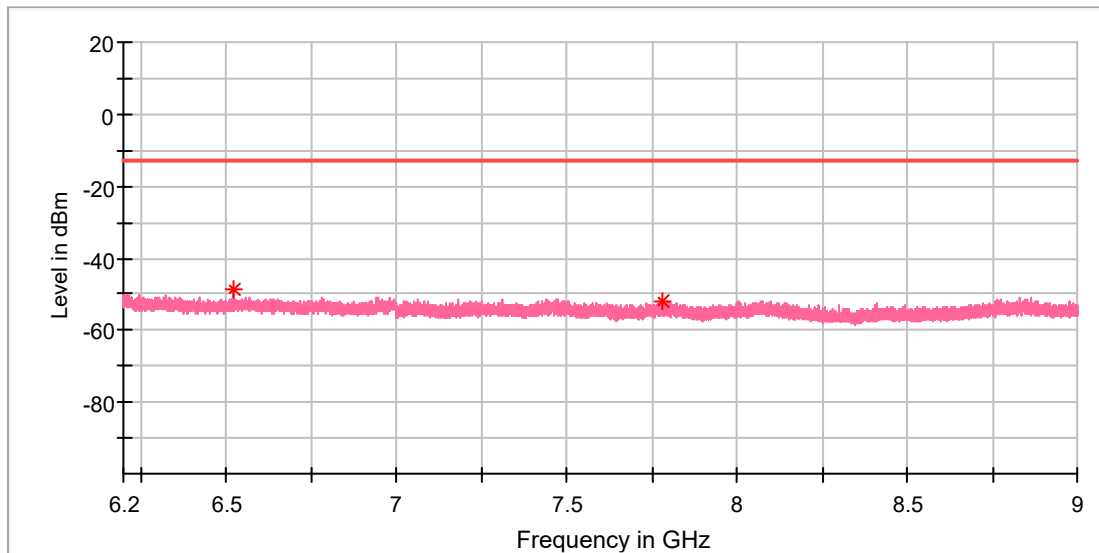


Critical Freqs

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



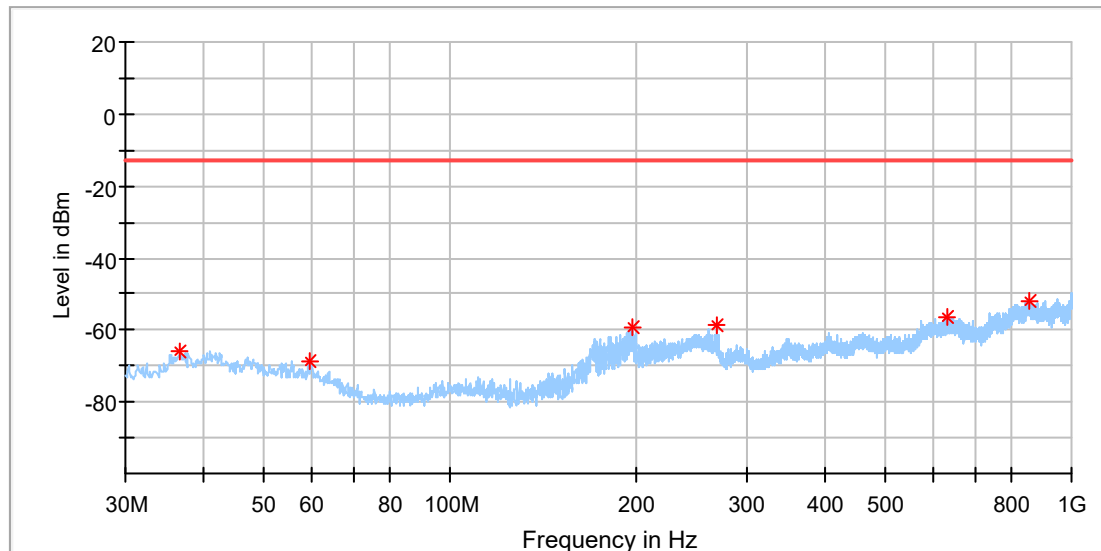
Critical Freqs

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

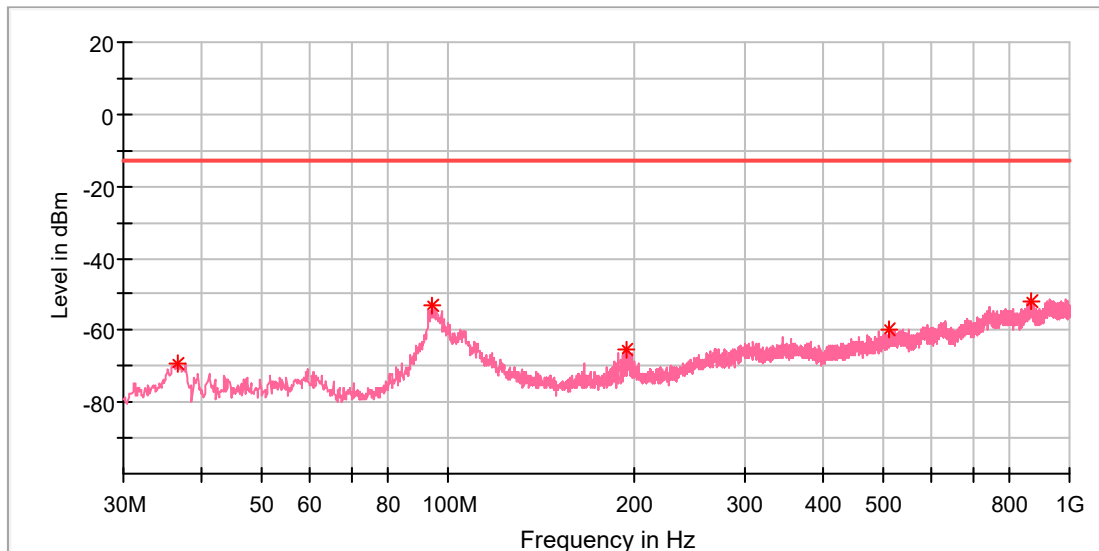


Critical Freqs

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

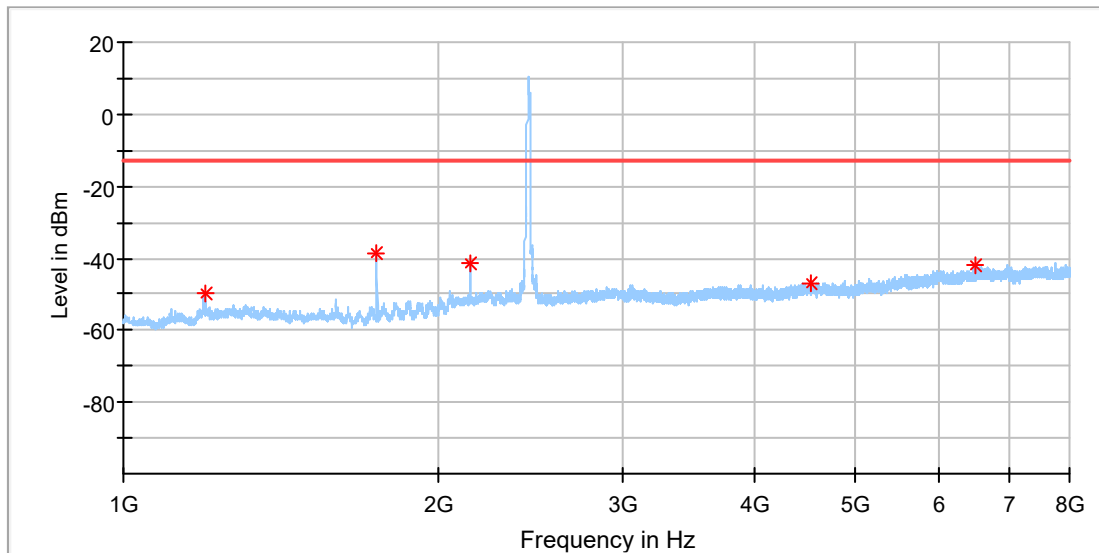


Critical Freqs

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

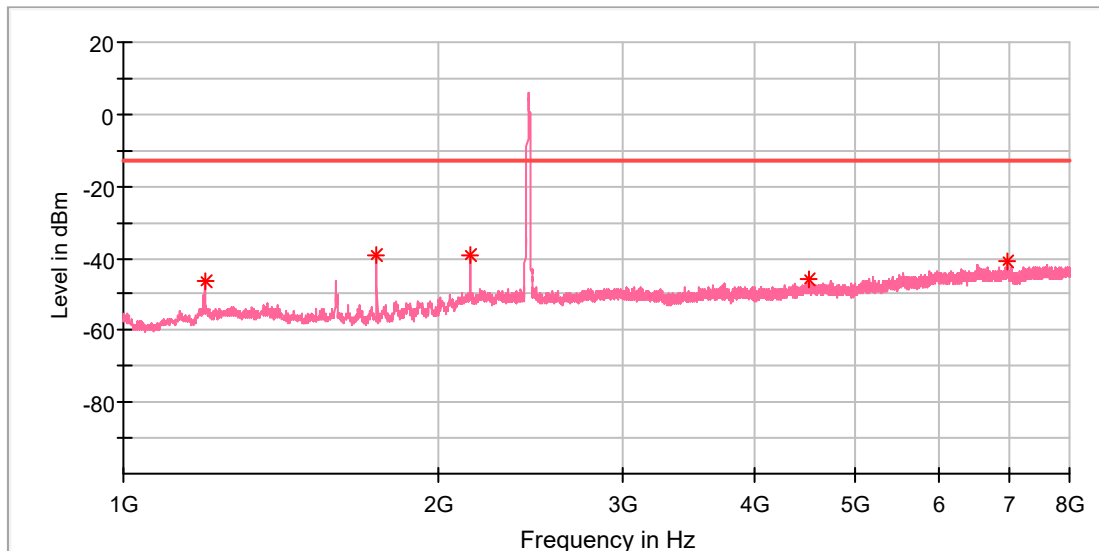


Critical Freqs

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

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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

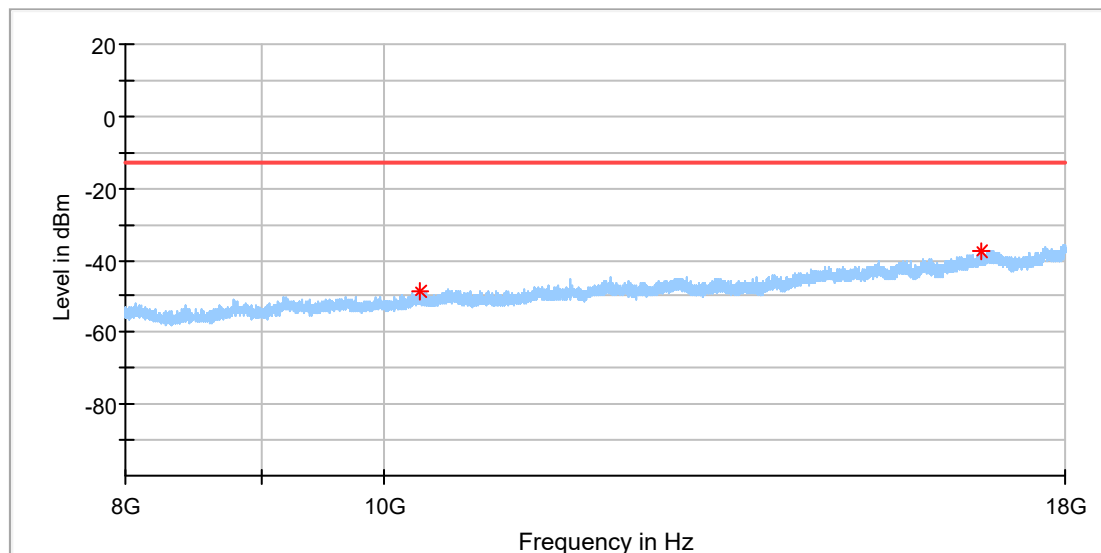


Critical Freqs

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

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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

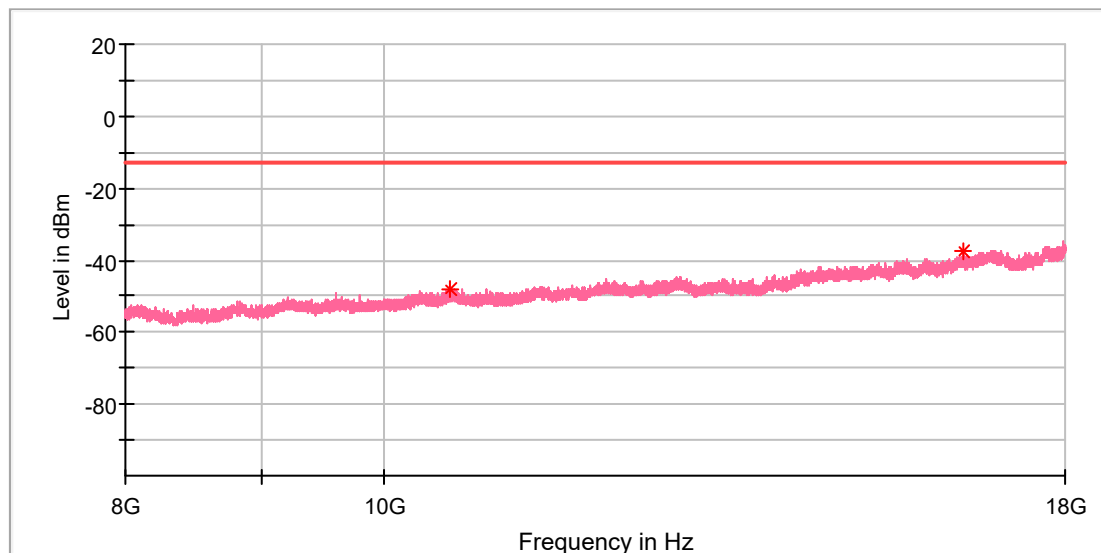


Critical Freqs

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

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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