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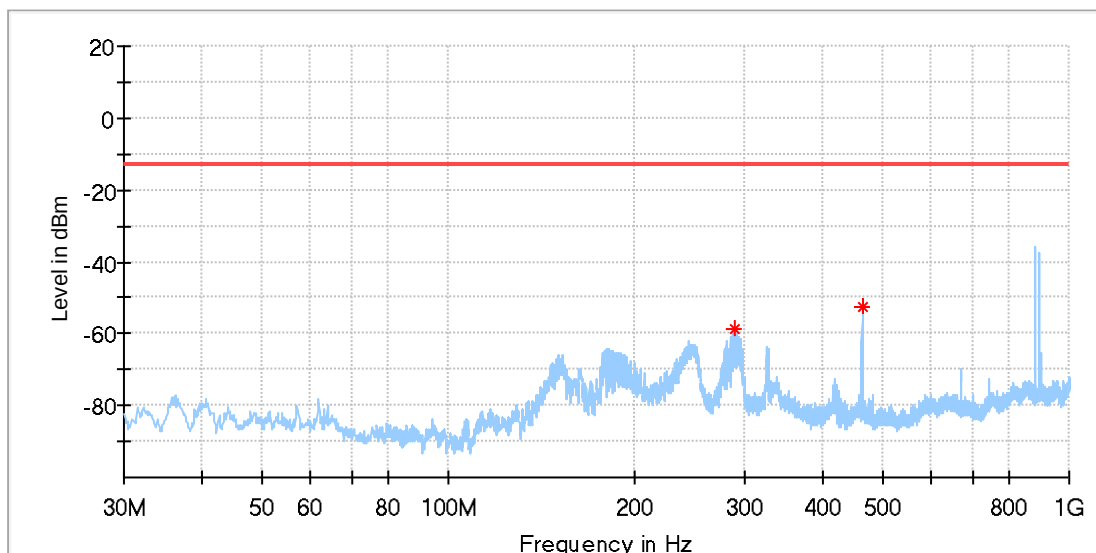
1. Radiated Spurious Emissions

1.1 GPRS/EGPRS

GSM 850

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_High
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

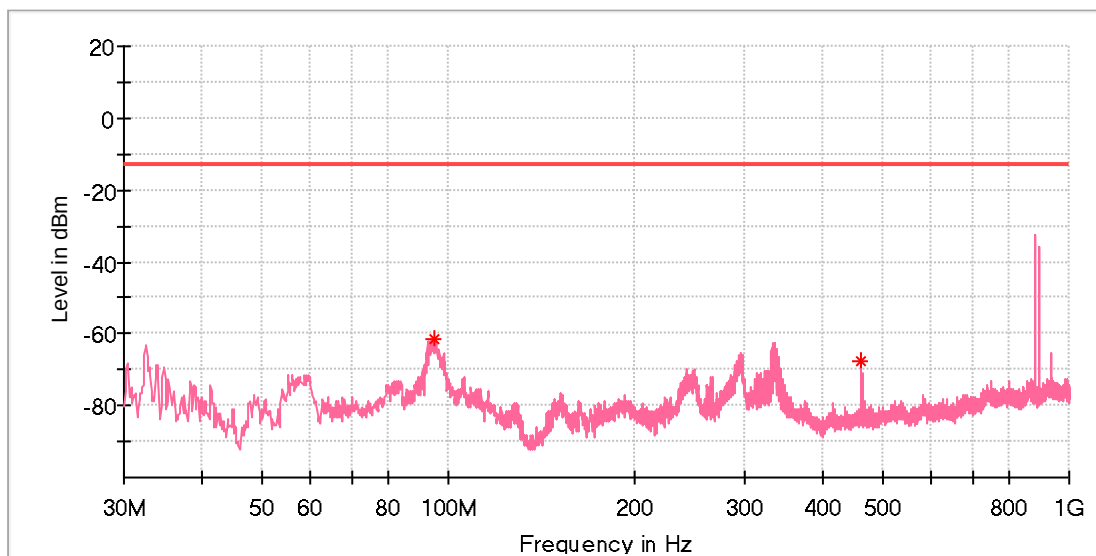
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
289.717500	-58.47	---	-13.00	45.47	100.0	H	134.0	-113.9
463.832500	-52.51	---	-13.00	39.51	100.0	H	260.0	-108.7

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_High
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

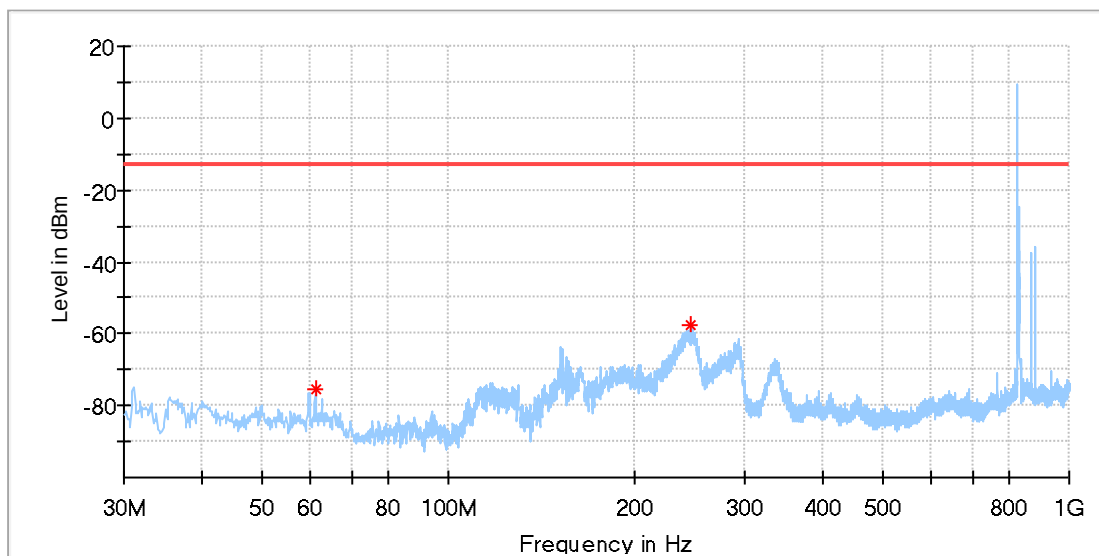
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-61.49	---	-13.00	48.49	100.0	V	68.0	-99.6
463.226250	-67.61	---	-13.00	54.61	100.0	V	151.0	-109.9

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_Low
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

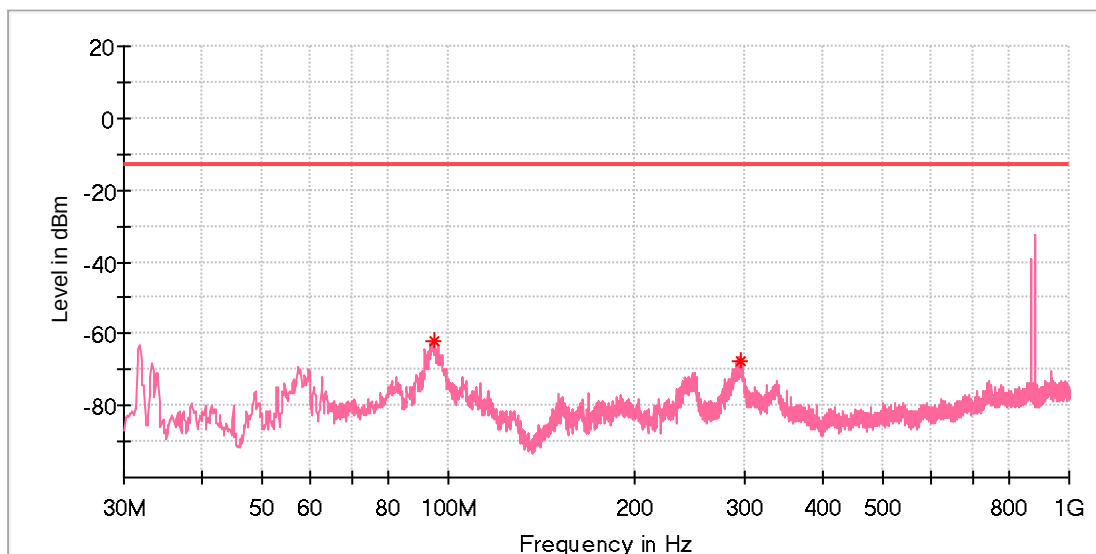
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
61.161250	-75.70	---	-13.00	62.70	100.0	H	346.0	-117.2
245.825000	-57.56	---	-13.00	44.56	100.0	H	209.0	-110.0

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_Low
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

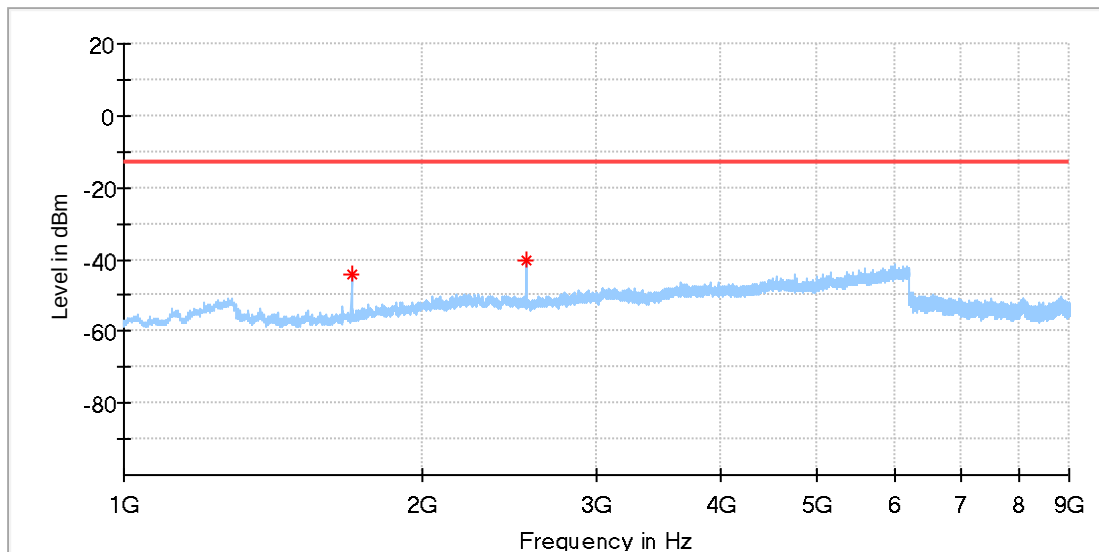
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-62.21	---	-13.00	49.21	100.0	V	78.0	-99.6
295.901250	-67.62	---	-13.00	54.62	100.0	V	211.0	-111.8

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
TestMode:	TX_EGPRS850_High
TestVoltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

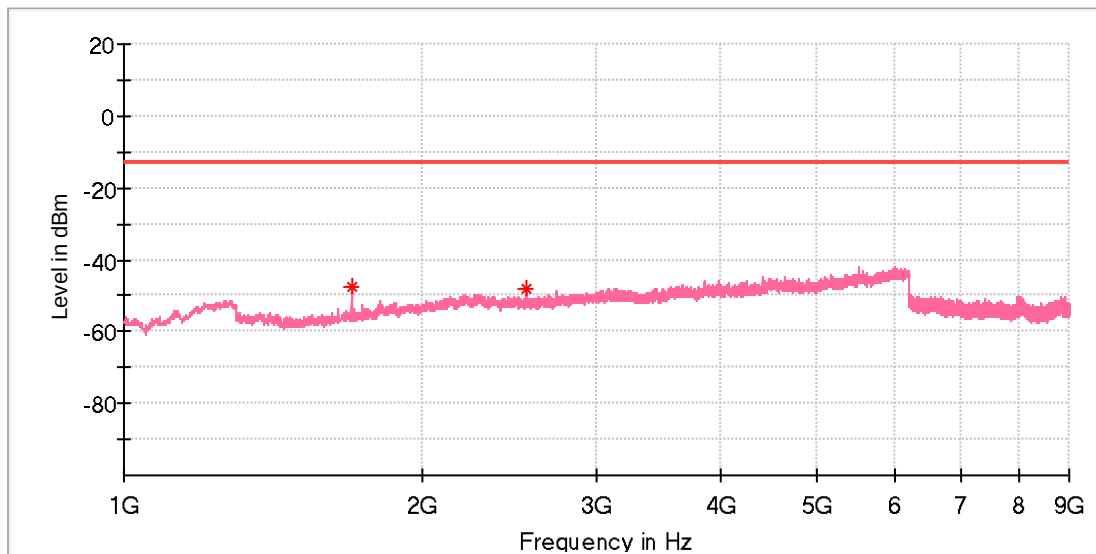
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.000000	-43.91	---	-13.00	30.91	100.0	H	2.0	-92.4
2546.000000	-40.38	---	-13.00	27.38	100.0	H	296.0	-88.3

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_High
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

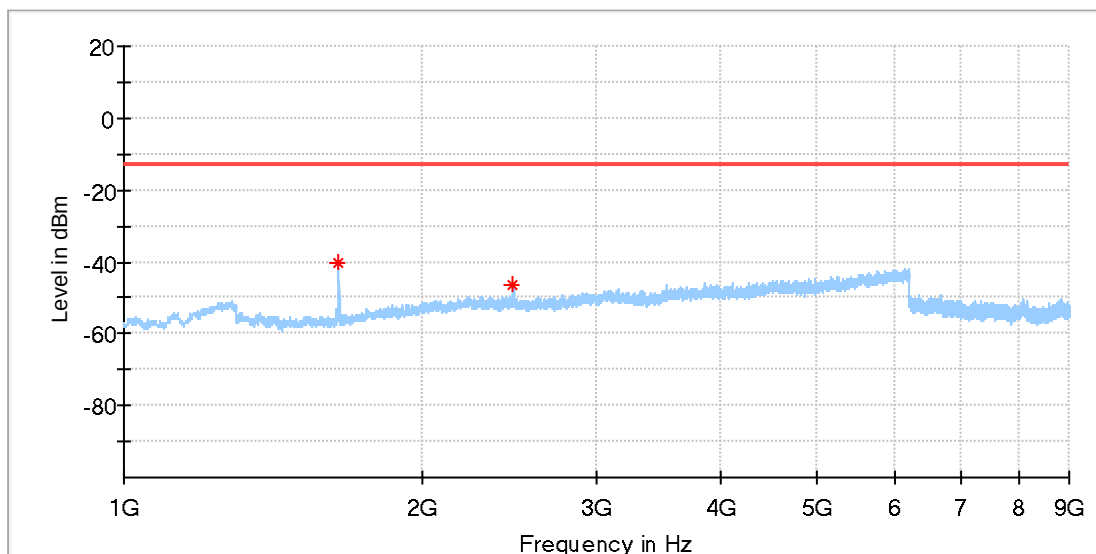
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-47.74	---	-13.00	34.74	100.0	V	112.0	-92.1
2546.000000	-48.35	---	-13.00	35.35	100.0	V	229.0	-88.4

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_Low
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

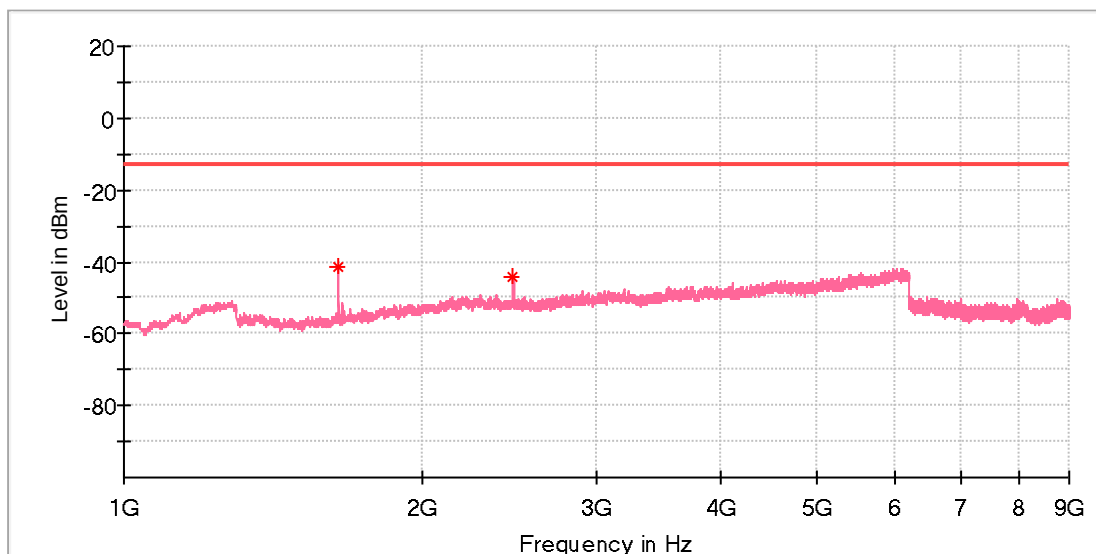
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-40.37	---	-13.00	27.37	100.0	H	87.0	-92.4
2472.500000	-46.23	---	-13.00	33.23	100.0	H	0.0	-87.9

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_Low
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

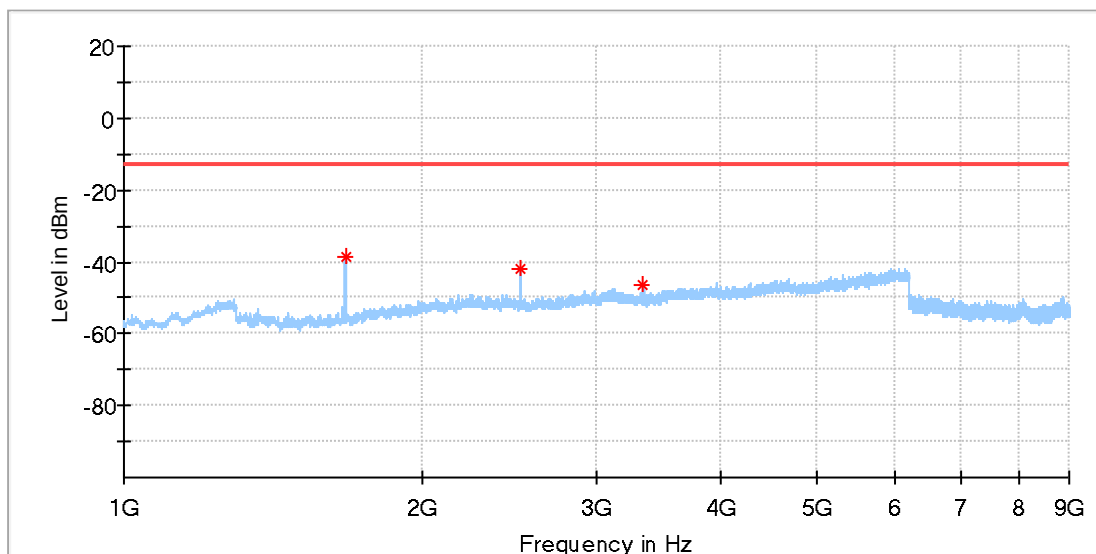
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-41.51	---	-13.00	28.51	100.0	V	57.0	-92.4
2472.500000	-44.41	---	-13.00	31.41	100.0	V	293.0	-88.0

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_Mid
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.000000	-38.77	---	-13.00	25.77	100.0	H	0.0	-92.5
2509.500000	-41.78	---	-13.00	28.78	100.0	H	269.0	-88.3
3346.000000	-46.17	---	-13.00	33.17	100.0	H	262.0	-87.3

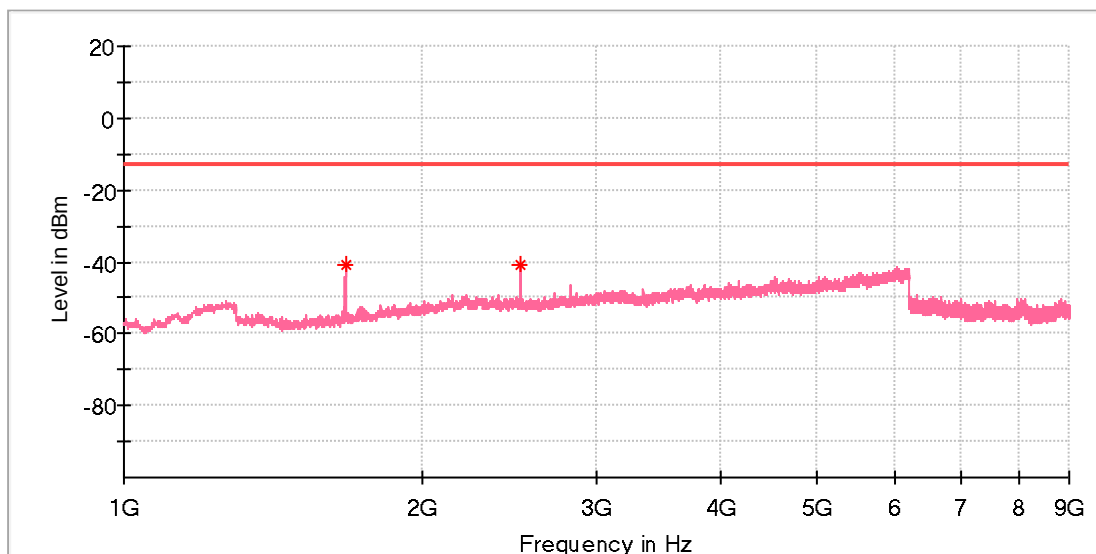
Final_Result

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

Produkte
Products

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS850_Mid
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.500000	-41.08	---	-13.00	28.08	100.0	V	327.0	-92.2
2509.500000	-40.74	---	-13.00	27.74	100.0	V	70.0	-88.2

Final Result

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

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000000	-100.000000	-100.000000	-100.000000	-100.000000	-100.000000		-100.000000	-100.000000

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS1900_High
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

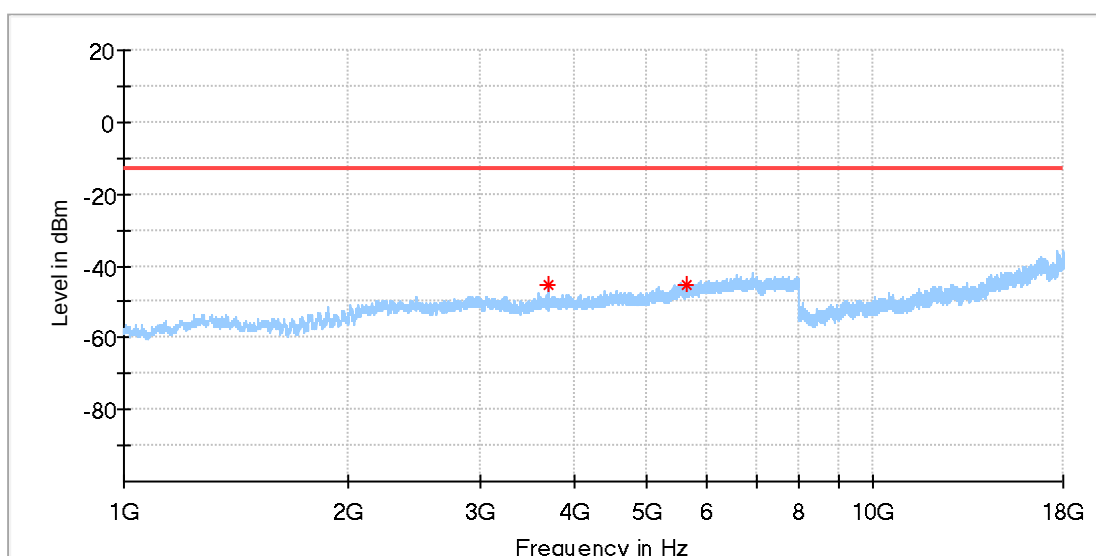


Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3819.500000	-45.53	---	-13.00	32.53	100.0	V	87.0	-86.9
5727.500000	-43.82	---	-13.00	30.82	100.0	V	338.0	-83.6

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS1900_Low
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3700.500000	-45.58	---	-13.00	32.58	100.0	H	294.0	-86.7
5658.000000	-45.38	---	-13.00	32.38	100.0	H	71.0	-83.8

Final Result

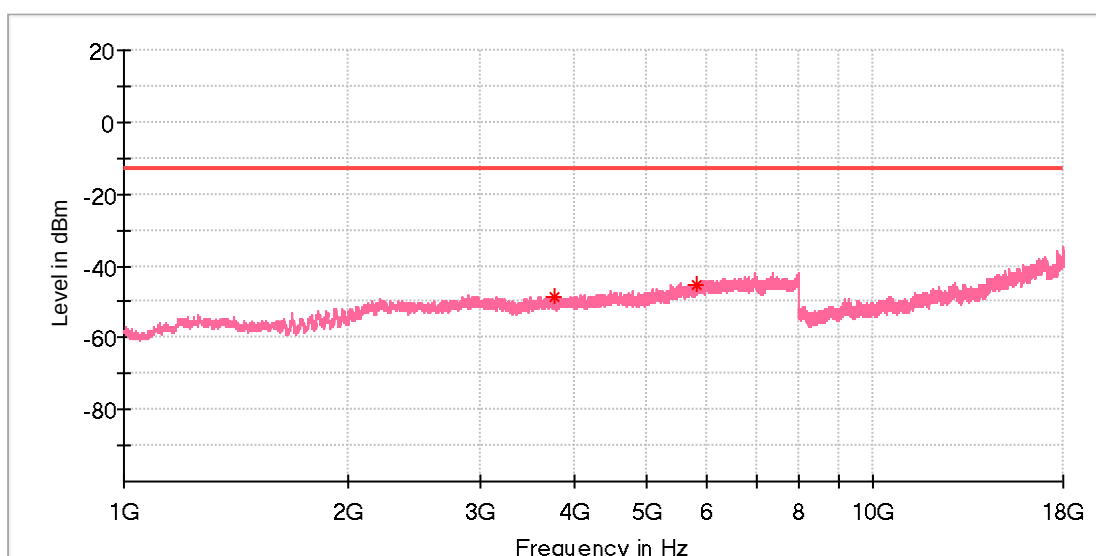
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.0000	-100.00	-100.00	-100.00	0.00	100.00	0	0	0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_EGPRS1900_Mid
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3751.500000	-48.47	---	-13.00	35.47	100.0	V	128.0	-86.9
5814.000000	-45.11	---	-13.00	32.11	100.0	V	37.0	-83.2

Final Result

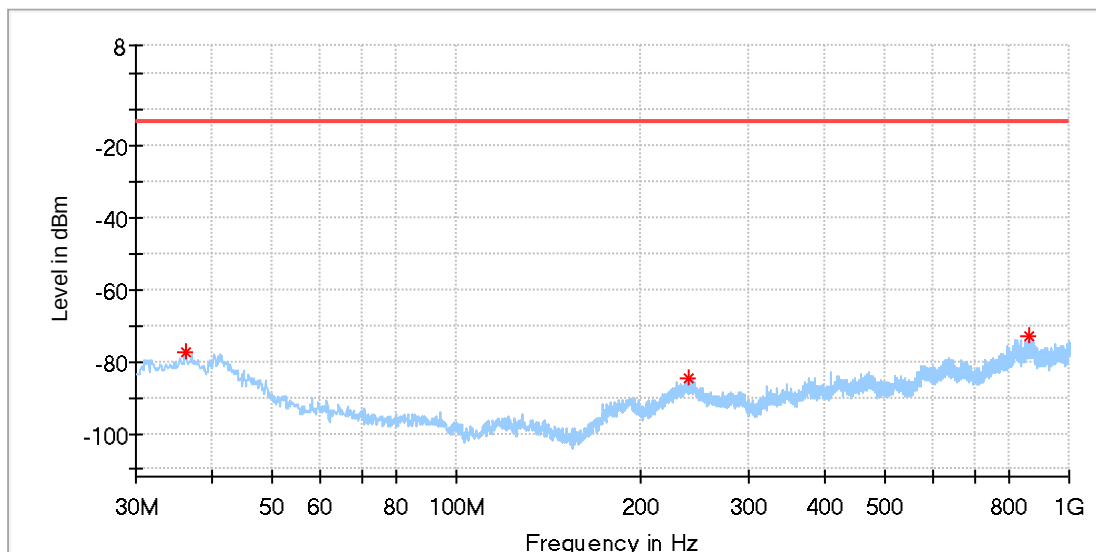
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

1.2 LTE CAT M1

Band 2

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

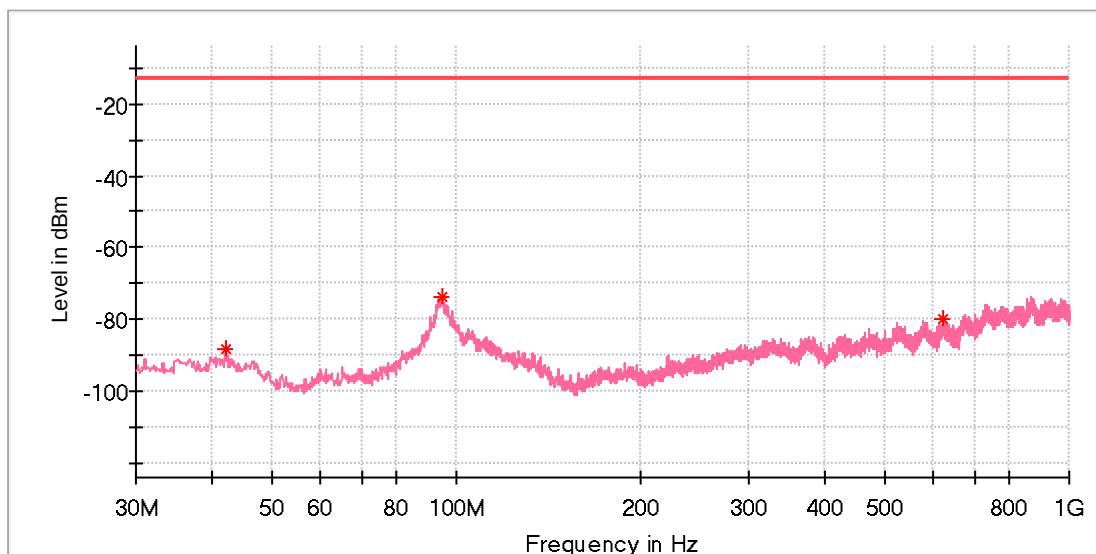
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-77.46	---	-13.00	64.46	100.0	H	11.0	-113.5
238.792500	-84.68	---	-13.00	71.68	100.0	H	109.0	-110.7
859.350000	-72.98	---	-13.00	59.98	100.0	H	209.0	-99.5

Final_Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

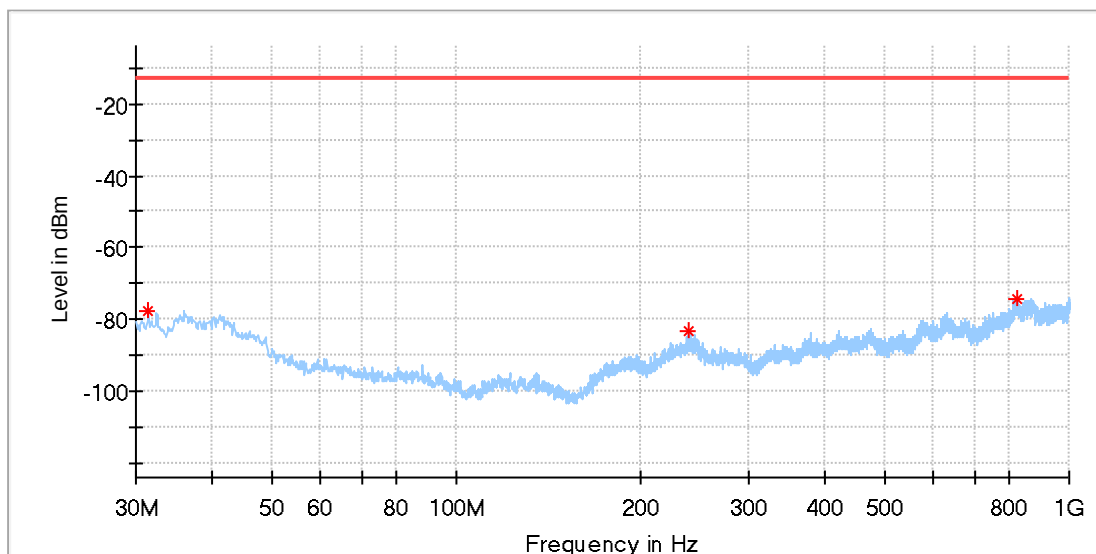
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.003750	-88.40	---	-13.00	75.40	100.0	V	0.0	-123.4
94.868750	-73.55	---	-13.00	60.55	100.0	V	23.0	-99.8
622.912500	-80.06	---	-13.00	67.06	100.0	V	151.0	-106.4

Final_Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

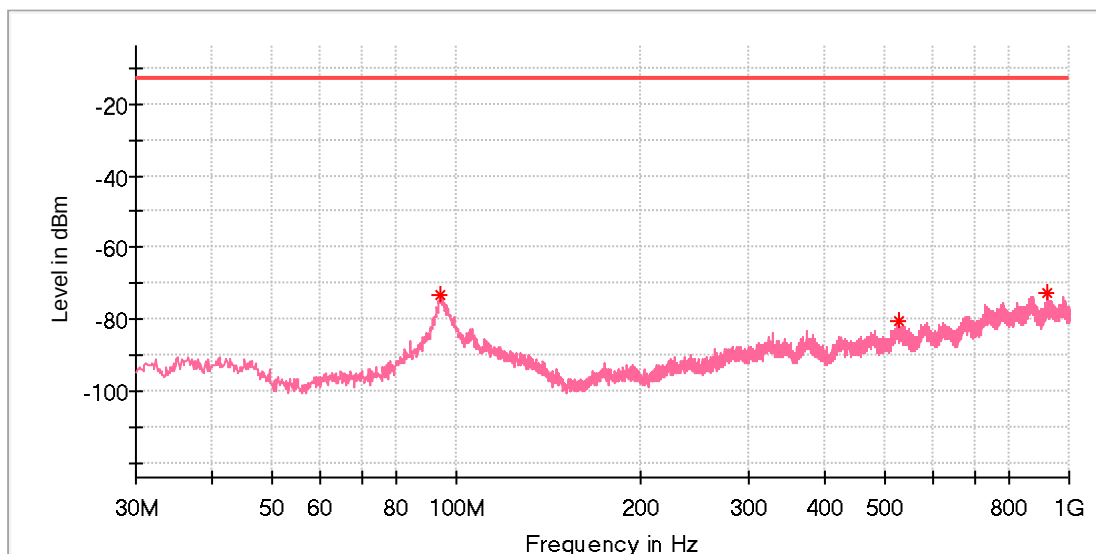
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.455000	-77.90	---	-13.00	64.90	100.0	H	152.0	-116.3
239.762500	-83.44	---	-13.00	70.44	100.0	H	354.0	-110.5
820.550000	-74.27	---	-13.00	61.27	100.0	H	152.0	-100.5

Final_Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 24 and RSS-133 Issue 6
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

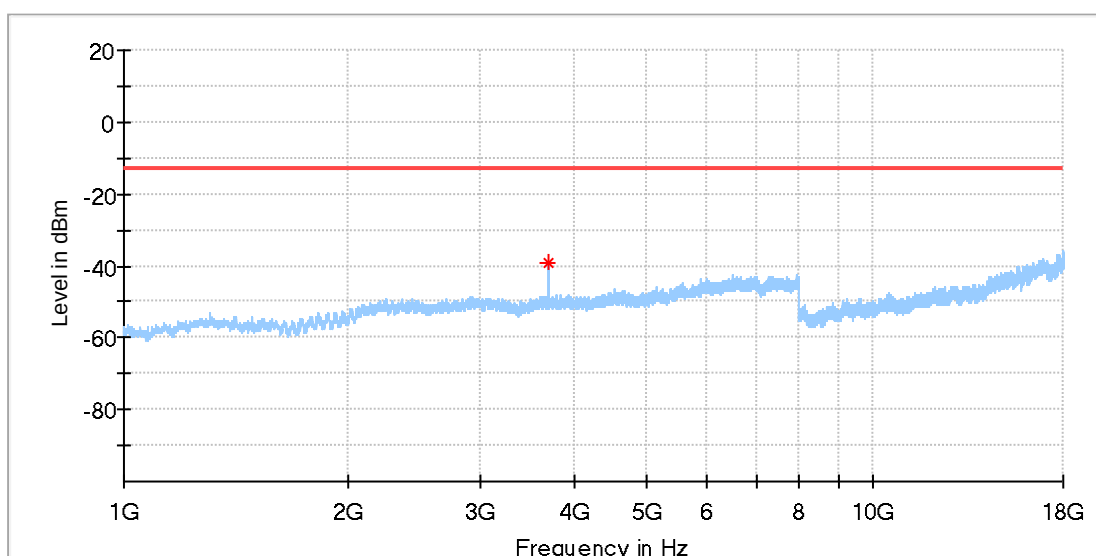
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.383750	-73.04	---	-13.00	60.04	100.0	V	355.0	-99.7
525.548750	-80.53	---	-13.00	67.53	100.0	V	126.0	-107.8
920.338750	-72.42	---	-13.00	59.42	100.0	V	141.0	-100.3

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3700.000000	-39.17	---	-13.00	26.17	100.0	H	348.0	-86.7

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-129.5	-132.5	-130.0	0.5	100	V	135	0.0

EUT Name:	Gateway
Model:	T11012860
TestMode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

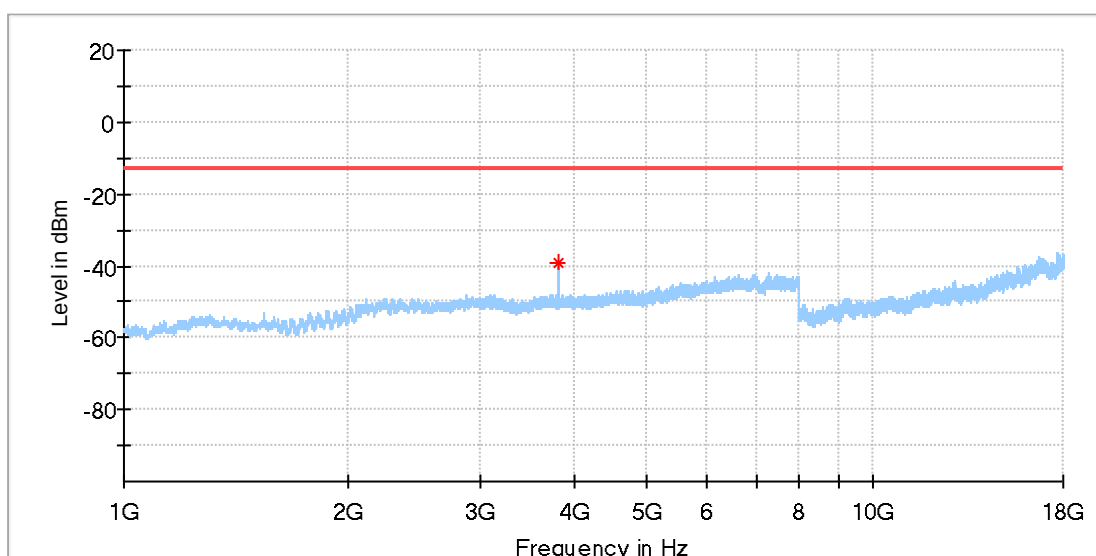


Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3759.000000	-37.56	---	-13.00	24.56	100.0	H	201.0	-86.6

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.390	-128.0	-138.0	-147.0	19.0	150	V	135	0.0

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

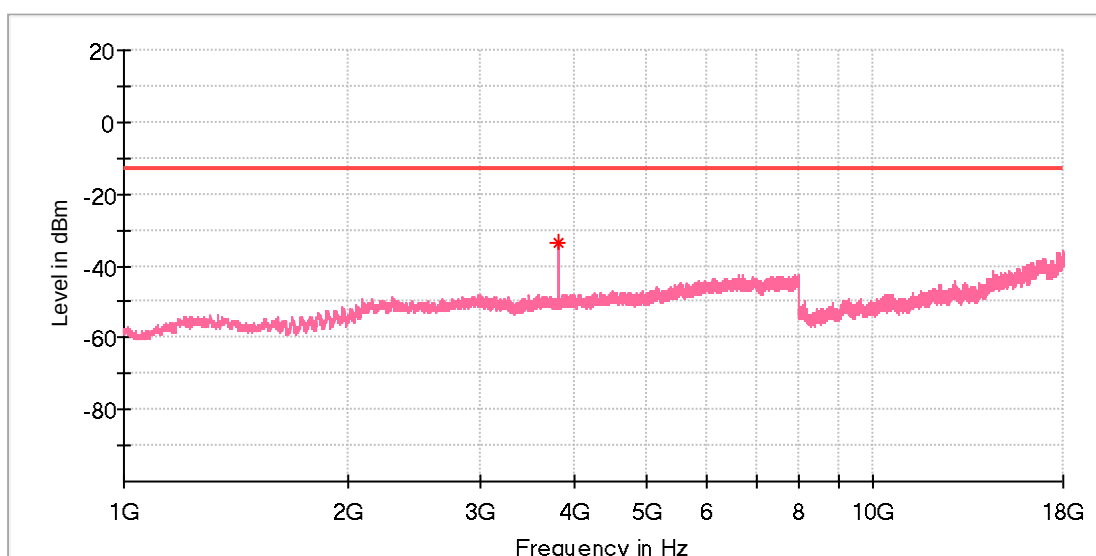
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3817.500000	-39.06	---	-13.00	26.06	100.0	H	308.0	-86.8

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-128.0	-138.0	-147.0	19.0	150	V	0	0.0

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

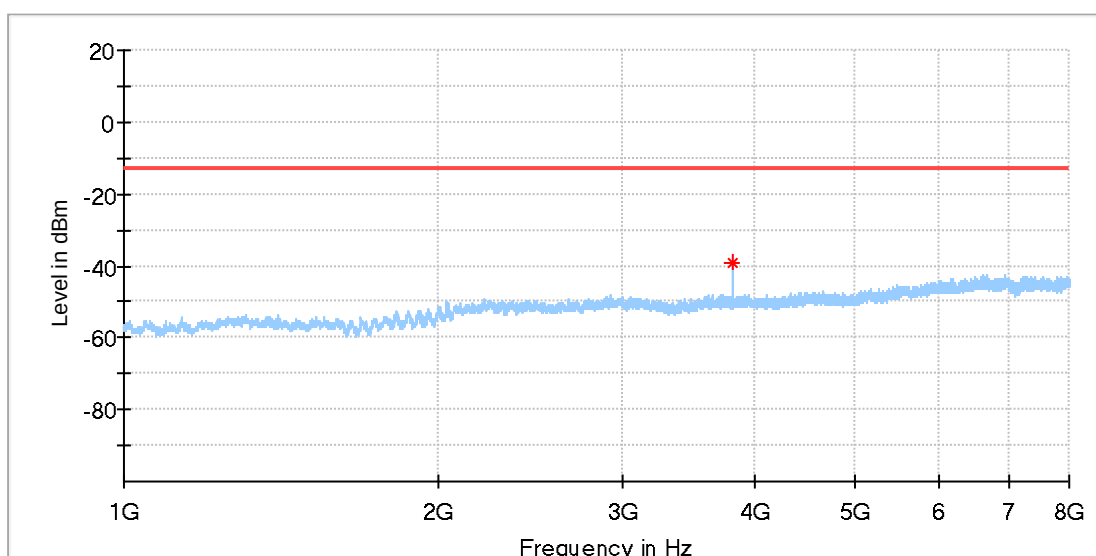
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3817.500000	-33.78	---	-13.00	20.78	100.0	V	67.0	-87.0

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-128.0	-130.0	-130.0	2.0	100	V	0	0.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

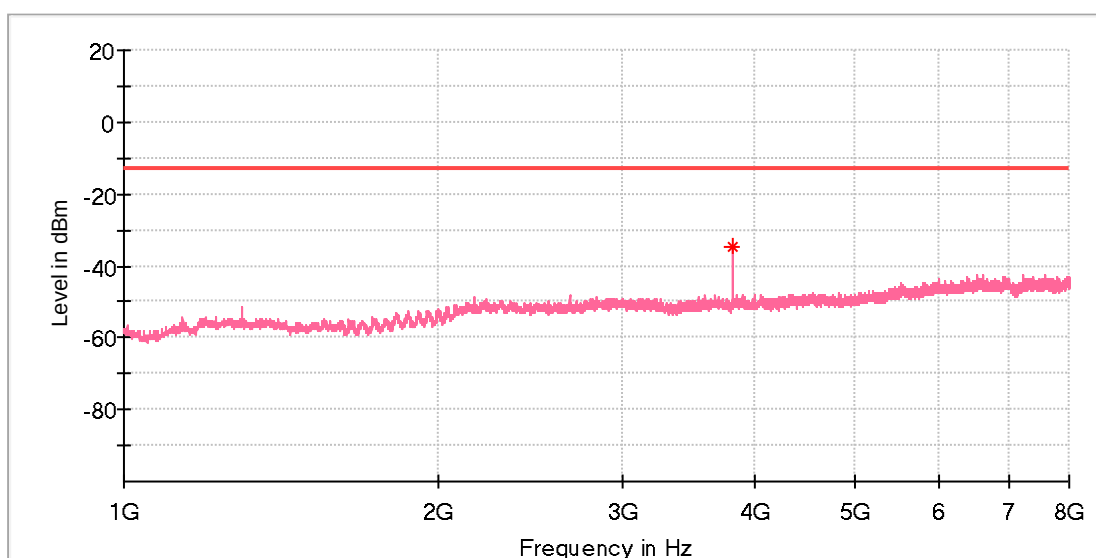
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3816.000000	-39.05	---	-13.00	26.05	100.0	H	304.0	-86.8

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	144.375	144.375	144.375	144.375	144.375		144.375	144.375

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3817.000000	-34.74	---	-13.00	21.74	100.0	V	355.0	-87.0

Final Result

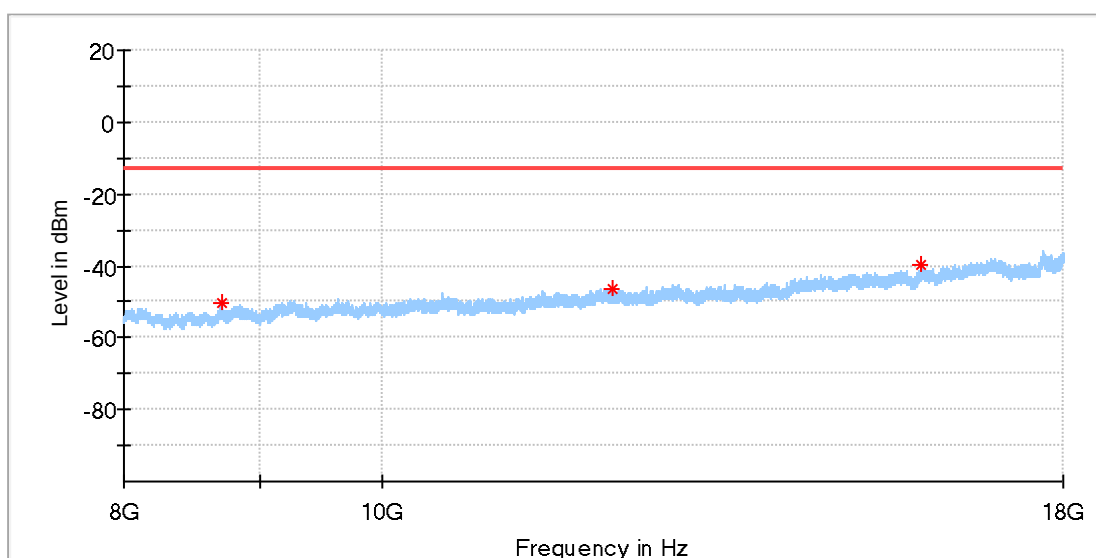
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-128.0	-130.0	-130.0	2.0	100	V	0	0.0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-120.0	-120.0	-120.0	0.0	100.0	V	0.0	0.0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

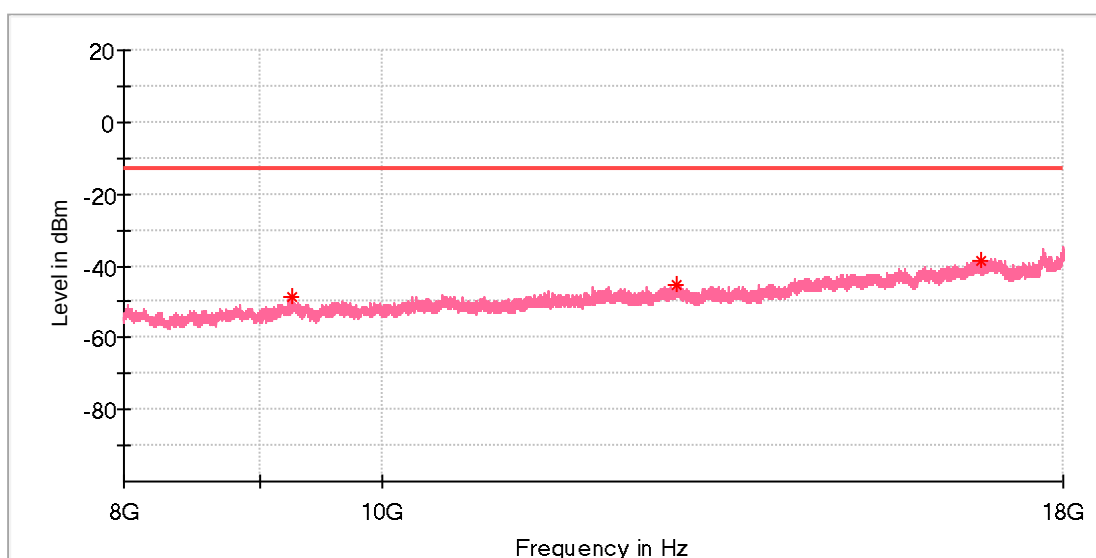
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8701.500000	-50.08	---	-13.00	37.08	100.0	H	145.0	-86.0
12192.000000	-46.36	---	-13.00	33.36	100.0	H	68.0	-80.6
15912.000000	-39.92	---	-13.00	26.92	100.0	H	34.0	-76.7

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	135	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	135	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	225	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	225	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	315	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	315	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	0	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	0	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	90	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	90	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	180	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	180	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	270	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	270	0.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9254.000000	-48.66	---	-13.00	35.66	100.0	V	319.0	-83.9
12900.500000	-45.07	---	-13.00	32.07	100.0	V	143.0	-78.2
16755.500000	-38.60	---	-13.00	25.60	100.0	V	116.0	-74.3

Final Result

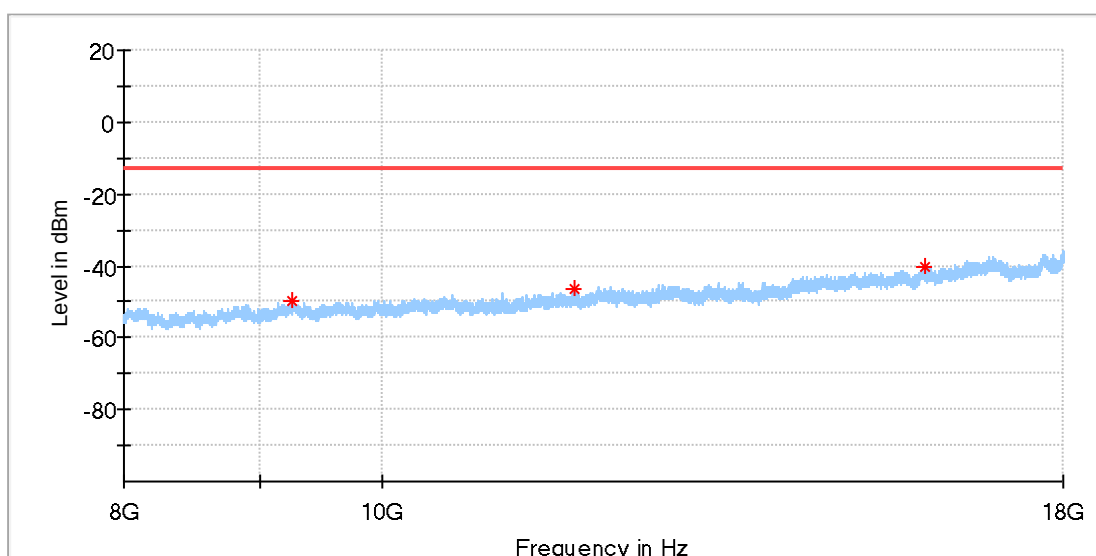
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	135	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	135	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	225	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	225	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	315	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	315	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	0	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	0	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	90	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	90	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	180	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	180	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	V	270	0.0
144.375	-12.5	-15.0	-10.0	3.0	1.5	H	270	0.0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.5000	93.5000	93.5000	93.5000	93.5000	93.5000		93.5000	93.5000

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-120.0	-120.0	-120.0	10.0	100.0	V	0.0	0.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9258.500000	-49.56	---	-13.00	36.56	100.0	H	161.0	-84.0
11796.500000	-46.37	---	-13.00	33.37	100.0	H	0.0	-81.9
15970.500000	-40.37	---	-13.00	27.37	100.0	H	216.0	-76.7

Final Result

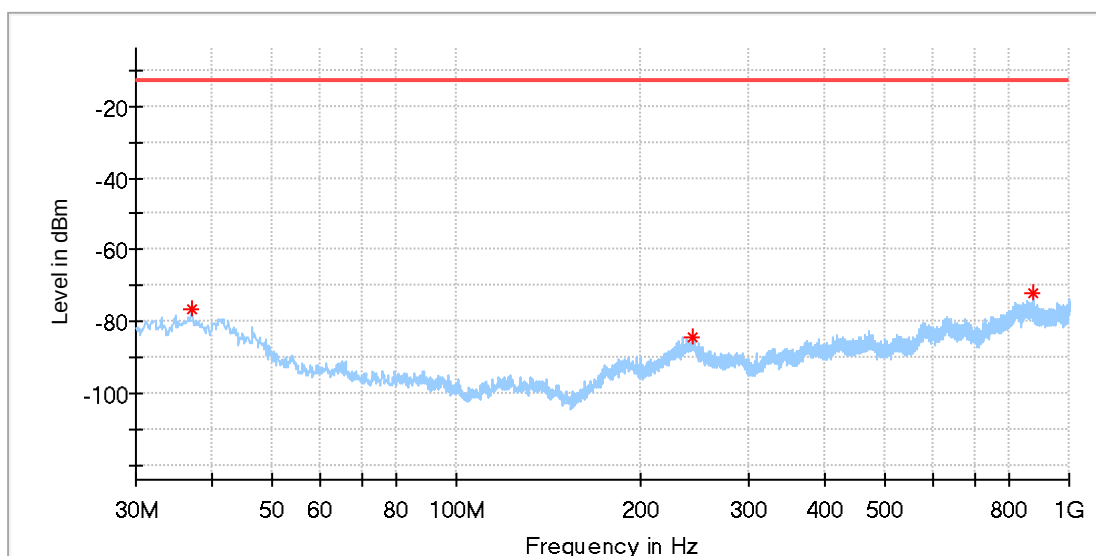
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-120.0	-120.0	-120.0	10.0	100.0	V	0.0	0.0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1000	1000	1000	1000	1000	1000		1000	1000

Band 4

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

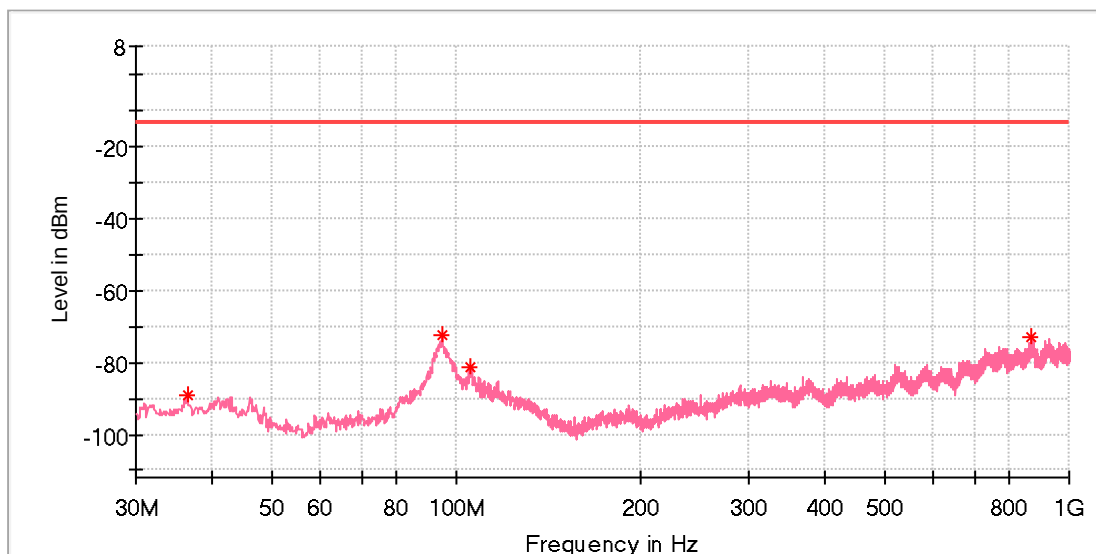
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.911250	-76.37	---	-13.00	63.37	100.0	H	13.0	-113.4
243.400000	-84.23	---	-13.00	71.23	100.0	H	141.0	-109.9
875.355000	-72.24	---	-13.00	59.24	100.0	H	276.0	-100.9

Final_Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

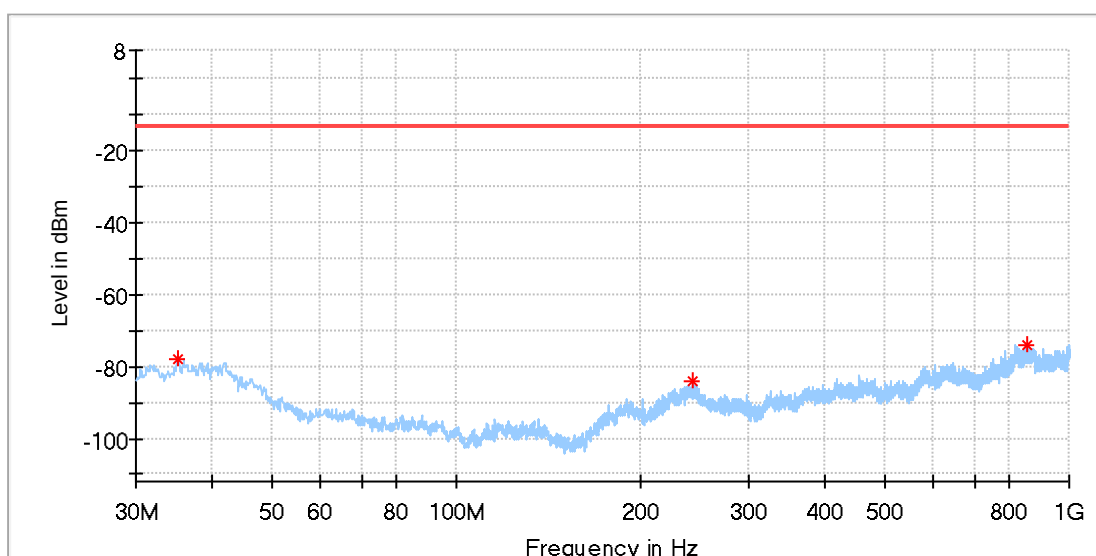
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.426250	-89.36	---	-13.00	76.36	100.0	V	241.0	-125.6
94.868750	-72.36	---	-13.00	59.36	100.0	V	212.0	-99.8
105.538750	-81.07	---	-13.00	68.07	100.0	V	340.0	-105.7
868.686250	-72.94	---	-13.00	59.94	100.0	V	17.0	-99.8

Final Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

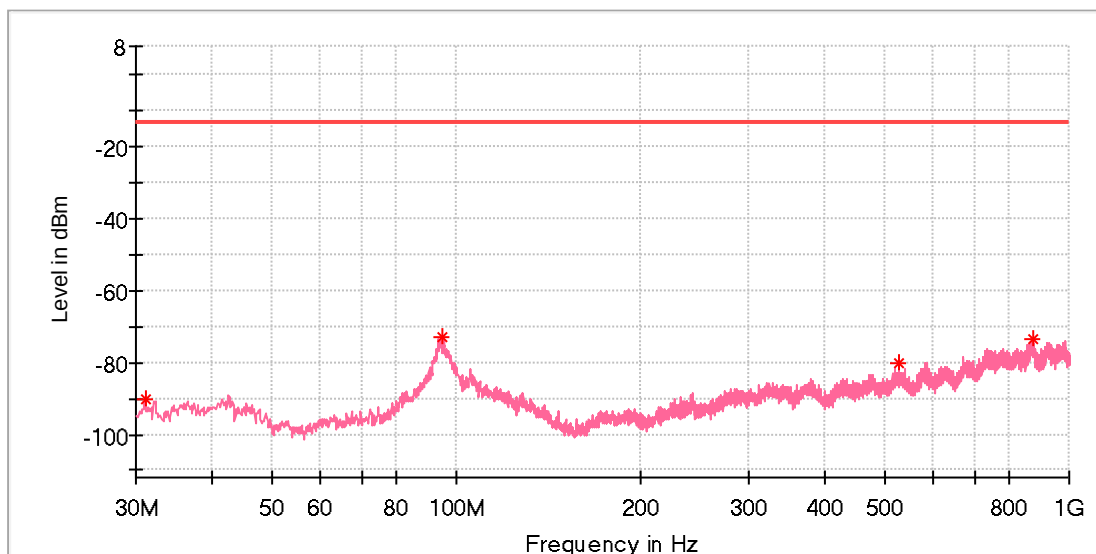
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.092500	-77.84	---	-13.00	64.84	100.0	H	302.0	-114.7
243.278750	-84.24	---	-13.00	71.24	100.0	H	263.0	-109.9
854.136250	-73.90	---	-13.00	60.90	100.0	H	263.0	-99.2

Final_Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.091250	-90.34	---	-13.00	77.34	100.0	V	149.0	-128.4
95.111250	-73.08	---	-13.00	60.08	100.0	V	5.0	-99.8
527.610000	-80.12	---	-13.00	67.12	100.0	V	133.0	-107.8
872.081250	-73.22	---	-13.00	60.22	100.0	V	347.0	-100.4

Final Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1753.500000	-46.16	---	-13.00	33.16	100.0	H	98.0	-91.0
2154.500000	-36.88	---	-13.00	23.88	100.0	H	268.0	-88.6
3507.500000	-28.05	---	-13.00	15.05	100.0	H	313.0	-87.3

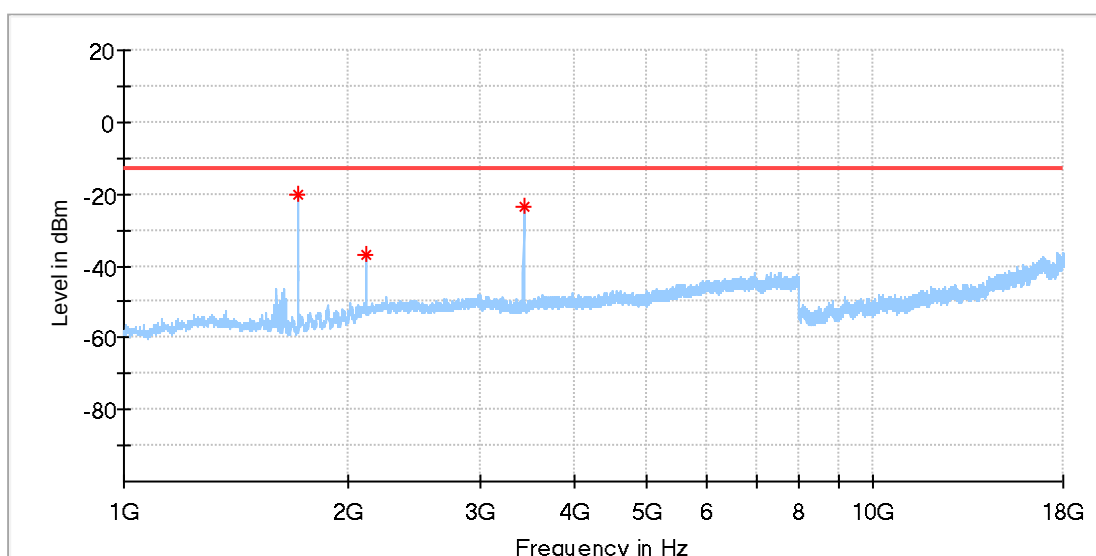
Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.00	-100.00	-100.00	-100.00	-100.00	100.00		100.00	100.00

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	-100.000	-100.000	-100.000	0.000	100.000	0.000	0.000	0.000

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

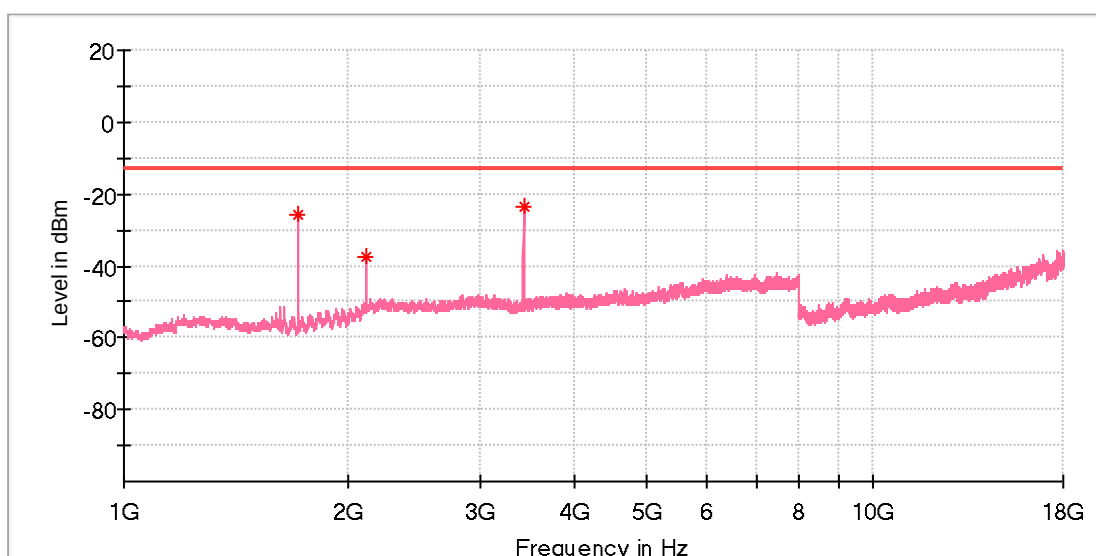
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1710.500000	-19.94	---	-13.00	6.94	100.0	H	68.0	-92.1
2110.500000	-37.07	---	-13.00	24.07	100.0	H	151.0	-89.0
3420.500000	-23.68	---	-13.00	10.68	100.0	H	336.0	-87.9

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

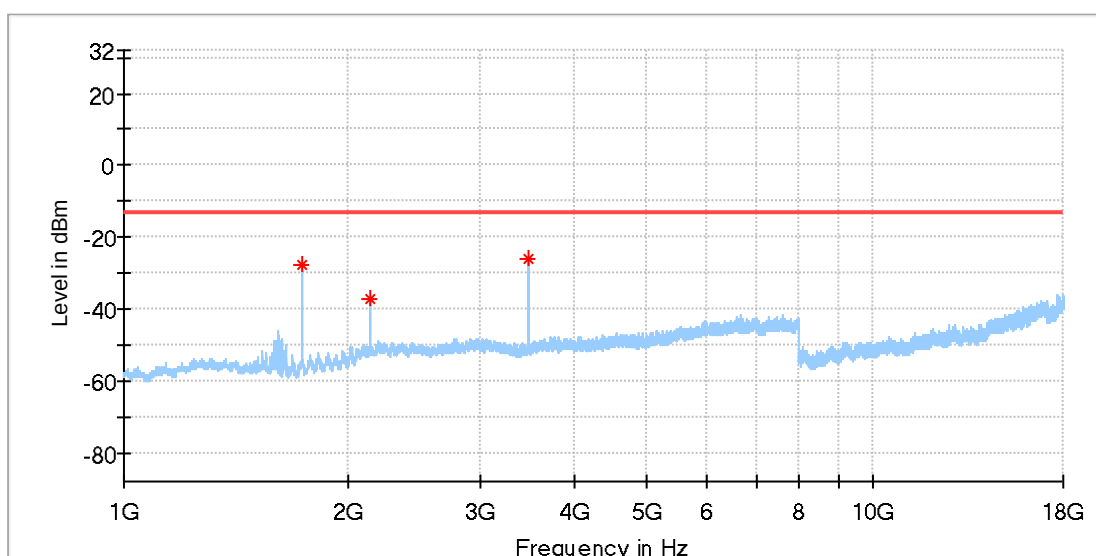
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1710.000000	-26.02	---	-13.00	13.02	100.0	V	298.0	-91.9
2111.000000	-37.48	---	-13.00	24.48	100.0	V	228.0	-88.5
3420.000000	-23.77	---	-13.00	10.77	100.0	V	85.0	-87.7

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

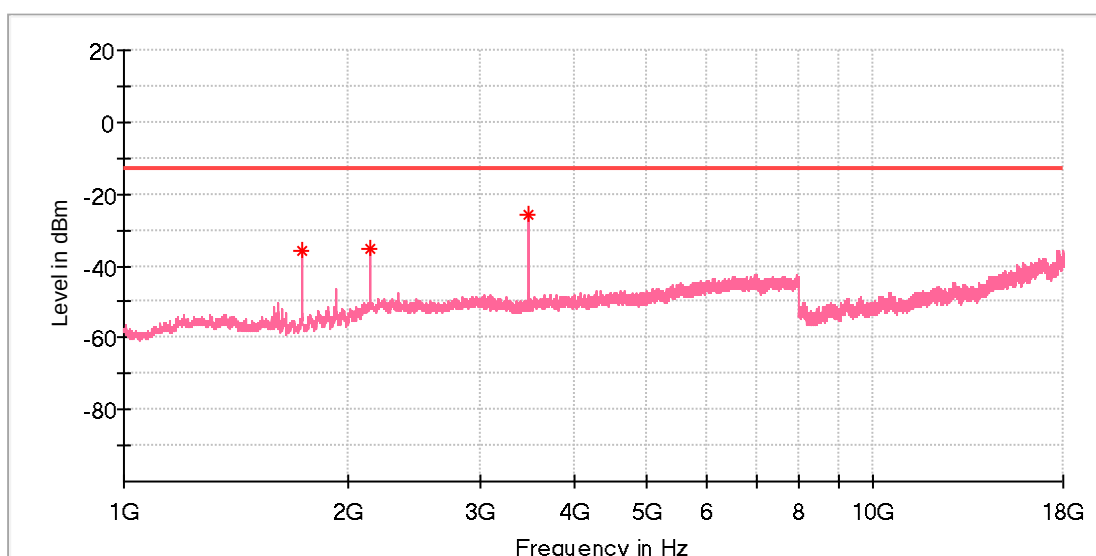
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1732.000000	-27.95	---	-13.00	14.95	100.0	H	68.0	-91.4
2132.500000	-37.44	---	-13.00	24.44	100.0	H	228.0	-88.2
3464.000000	-26.21	---	-13.00	13.21	100.0	H	343.0	-88.1

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

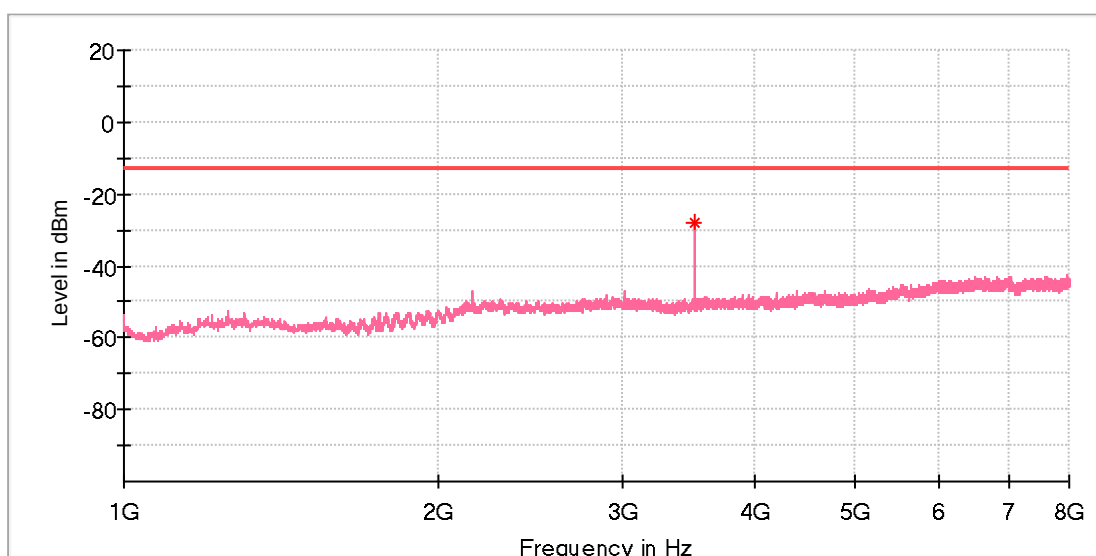
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1732.000000	-35.71	---	-13.00	22.71	100.0	V	336.0	-91.6
2132.500000	-35.47	---	-13.00	22.47	100.0	V	229.0	-87.7
3464.000000	-25.67	---	-13.00	12.67	100.0	V	24.0	-87.8

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-120.0	-120.0	-120.0	10.0	10.0	V	0.0	0.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3507.500000	-28.02	---	-13.00	15.02	100.0	V	166.0	-87.5

Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-128.0	-138.0	-140.0	12.0	150	V	0	0.0

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.390	144.390	144.390	144.390	144.390	144.390		144.390	144.390

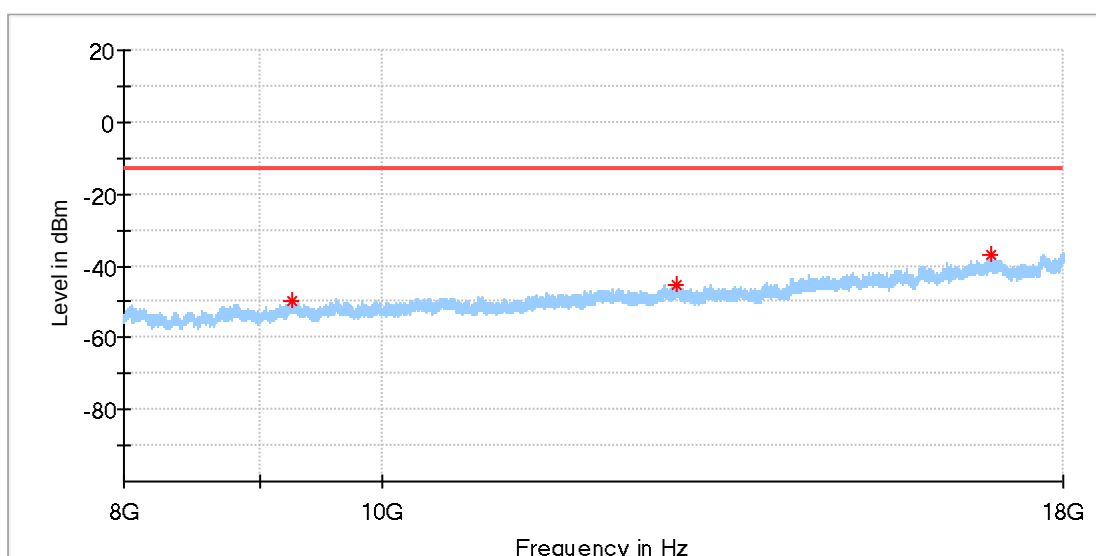
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.00	-100.00	-100.00	-100.00	-100.00	100.00		0.00	0.00

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-120.0	-120.0	-120.0	10.0	10.0	V	180.0	0.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9253.000000	-49.50	---	-13.00	36.50	100.0	H	172.0	-84.0
12888.500000	-45.09	---	-13.00	32.09	100.0	H	208.0	-78.6
16914.000000	-37.17	---	-13.00	24.17	100.0	H	239.0	-73.0

Final Result

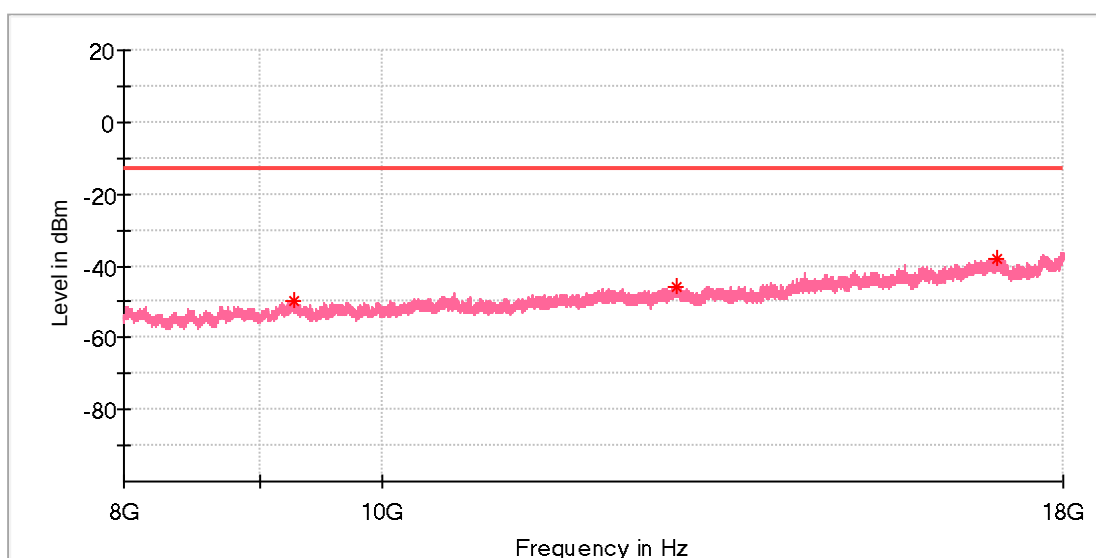
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.00	-100.00	-100.00	-100.00	-100.00	100.00		100.00	100.00

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-120.0	-120.0	-120.0	10.0	10.0	V	180.0	0.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9263.500000	-49.51	---	-13.00	36.51	100.0	V	68.0	-84.0
12900.000000	-45.72	---	-13.00	32.72	100.0	V	202.0	-78.2
17001.500000	-37.92	---	-13.00	24.92	100.0	V	128.0	-72.7

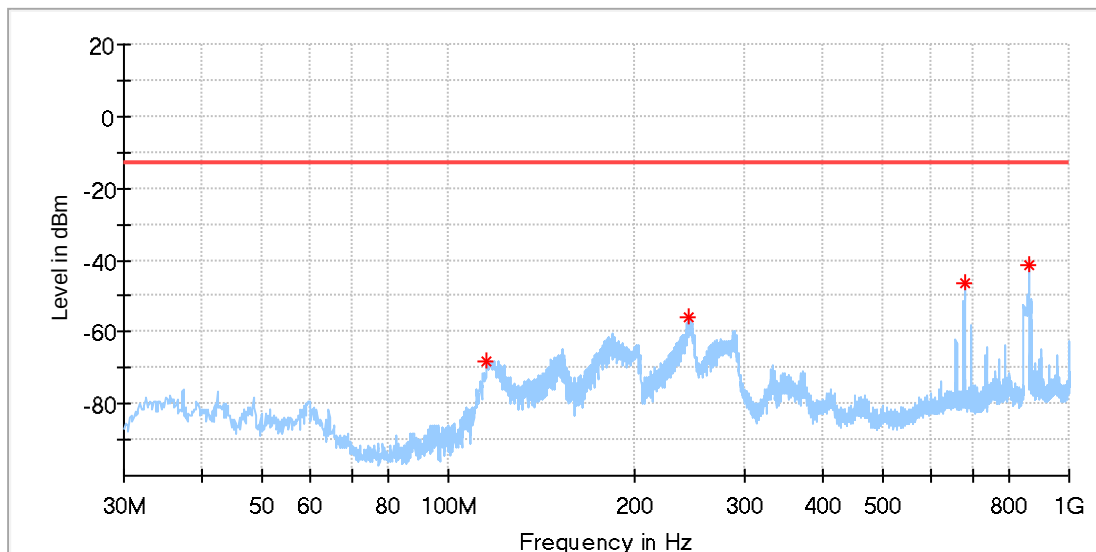
Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1000	100	100	100	100	100		100	100

Band 5

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

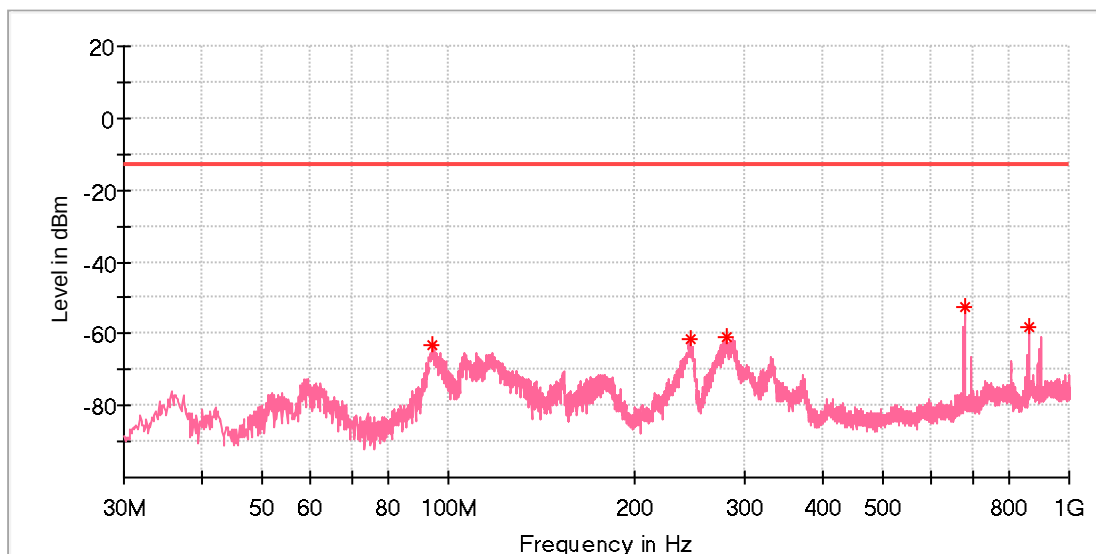
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
115.481250	-68.35	---	-13.00	55.35	100.0	H	276.0	-122.4
243.763750	-55.95	---	-13.00	42.95	100.0	H	347.0	-110.0
677.232500	-46.49	---	-13.00	33.49	100.0	H	260.0	-105.9
861.047500	-41.67	---	-13.00	28.67	100.0	H	94.0	-99.7

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.505000	-63.35	---	-13.00	50.35	100.0	V	189.0	-99.7
244.976250	-61.59	---	-13.00	48.59	100.0	V	2.0	-115.6
281.472500	-61.19	---	-13.00	48.19	100.0	V	350.0	-114.0
677.232500	-52.46	---	-13.00	39.46	100.0	V	327.0	-104.6
864.200000	-58.19	---	-13.00	45.19	100.0	V	205.0	-99.6

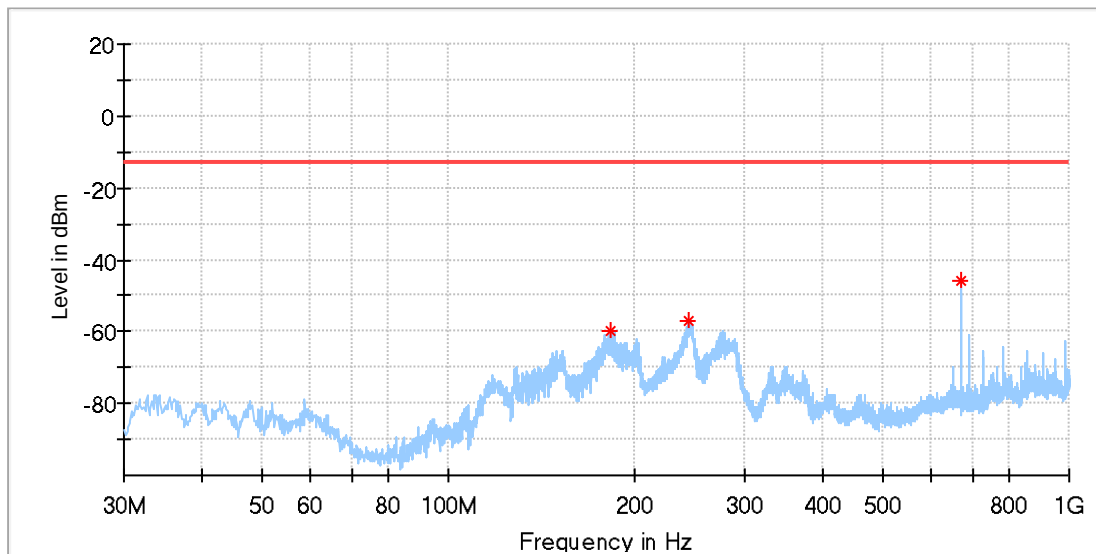
Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Produkte
Products

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 24 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

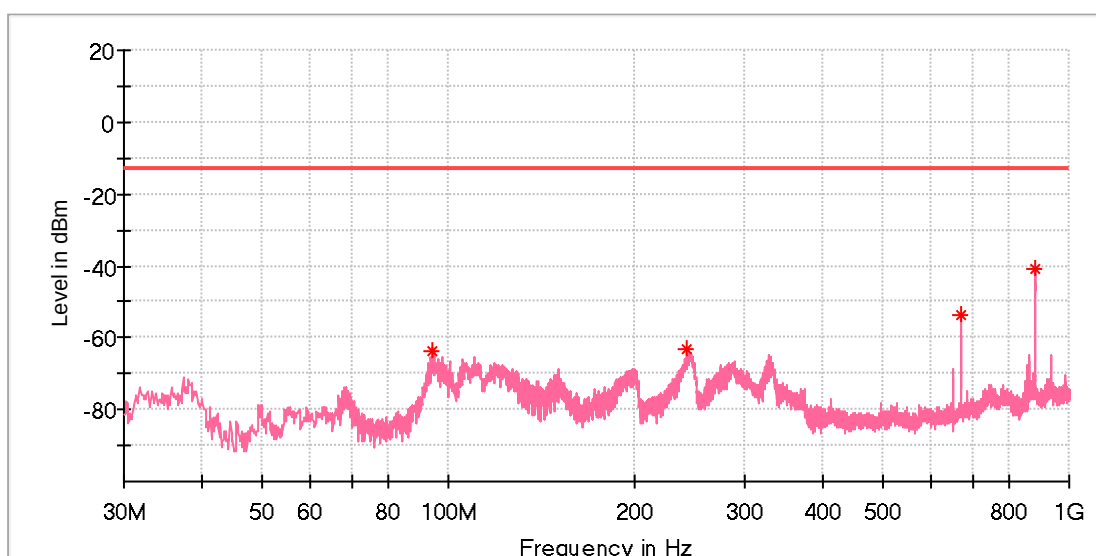
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
182.290000	-59.77	---	-13.00	46.77	100.0	H	299.0	-117.7
244.248750	-57.14	---	-13.00	44.14	100.0	H	336.0	-110.0
669.230000	-45.84	---	-13.00	32.84	100.0	H	137.0	-106.0

Final_Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 24 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

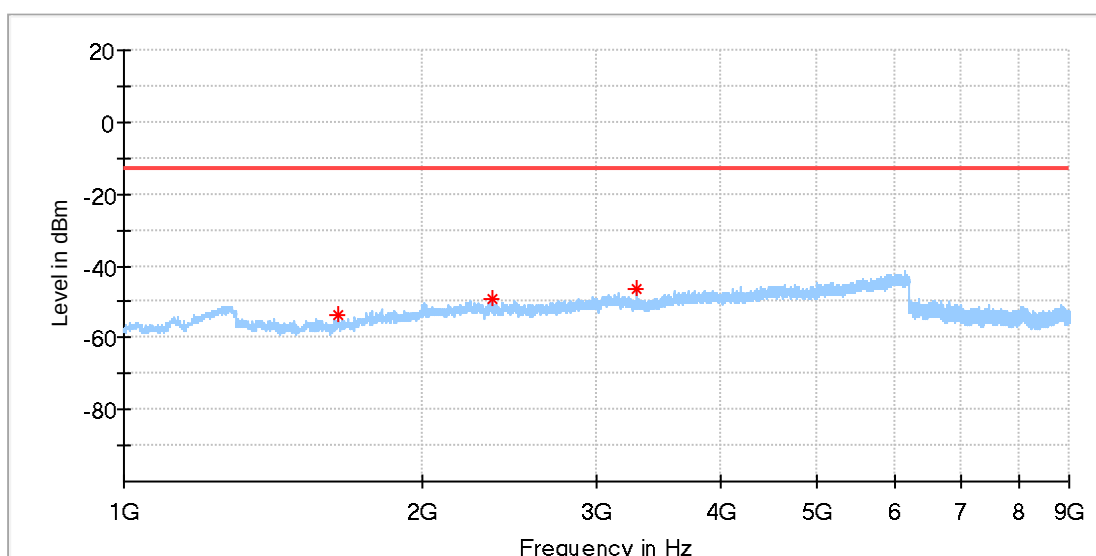
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.383750	-63.78	---	-13.00	50.78	100.0	V	5.0	-99.7
242.672500	-63.35	---	-13.00	50.35	100.0	V	12.0	-115.6
669.230000	-53.43	---	-13.00	40.43	100.0	V	43.0	-105.2
881.538750	-40.78	---	-13.00	27.78	100.0	V	98.0	-101.8

Final Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

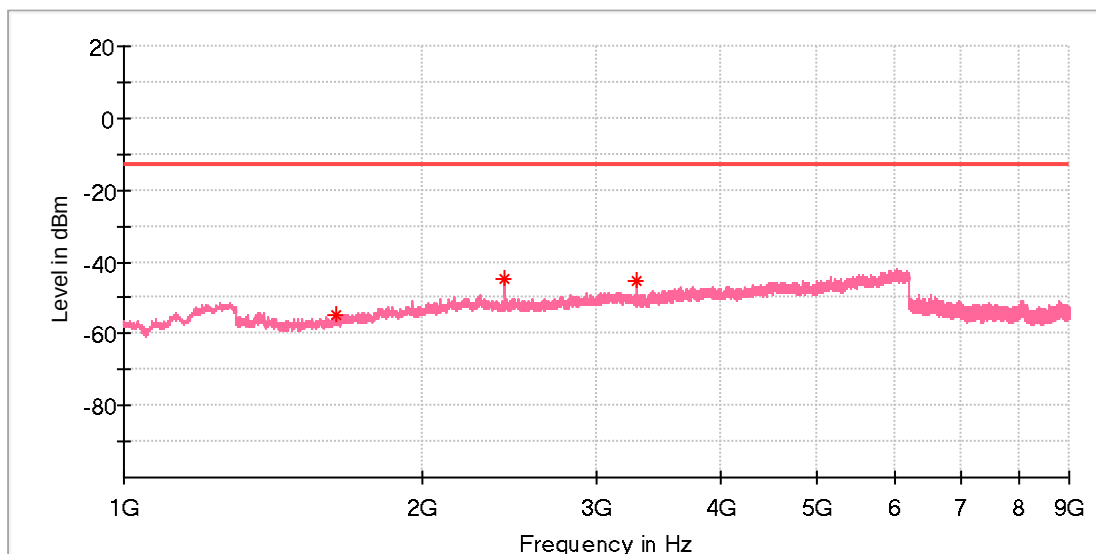
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-53.54	---	-13.00	40.54	100.0	H	85.0	-92.4
2350.000000	-49.13	---	-13.00	36.13	100.0	H	78.0	-87.5
3297.500000	-46.18	---	-13.00	33.18	100.0	H	314.0	-87.2

Final_Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

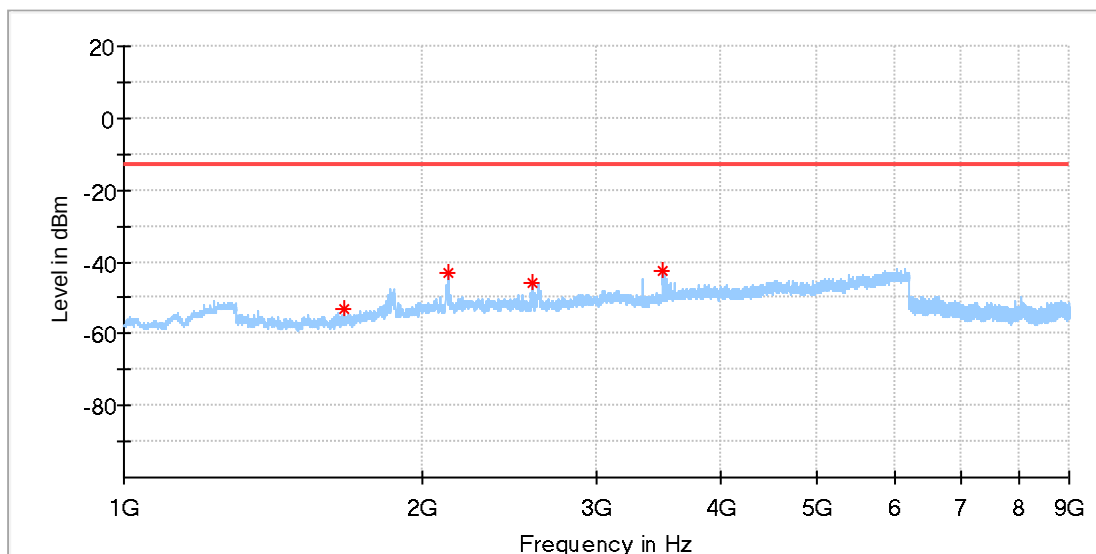
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-54.66	---	-13.00	41.66	100.0	V	177.0	-92.5
2426.000000	-44.86	---	-13.00	31.86	100.0	V	225.0	-87.9
3297.000000	-45.32	---	-13.00	32.32	100.0	V	1.0	-87.3

Final_Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

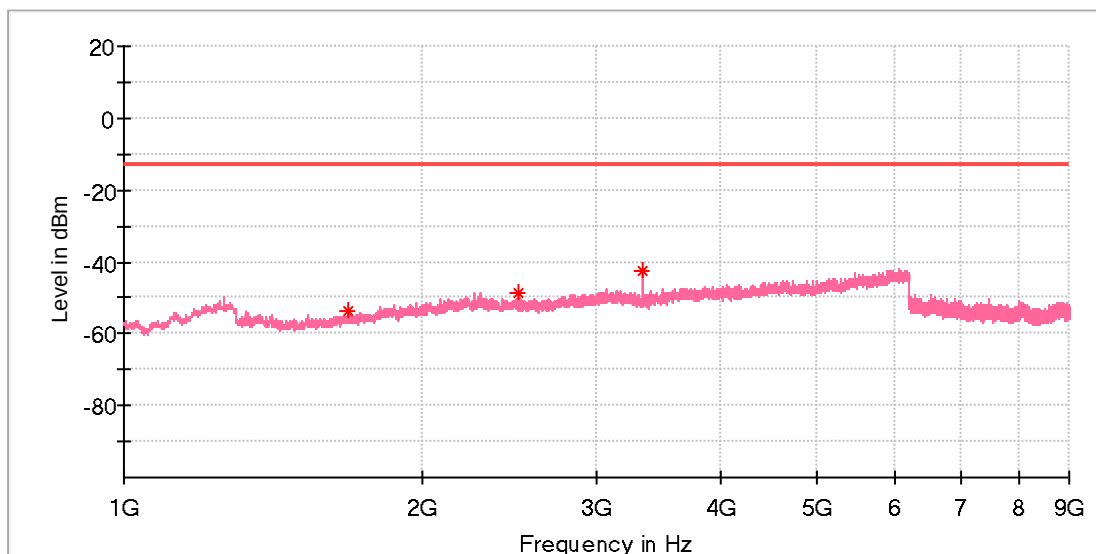
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1668.500000	-53.14	---	-13.00	40.14	100.0	H	238.0	-92.6
2123.500000	-42.97	---	-13.00	29.97	100.0	H	30.0	-88.4
2581.500000	-45.75	---	-13.00	32.75	100.0	H	148.0	-88.6
3505.500000	-42.69	---	-13.00	29.69	100.0	H	72.0	-86.3

Final Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

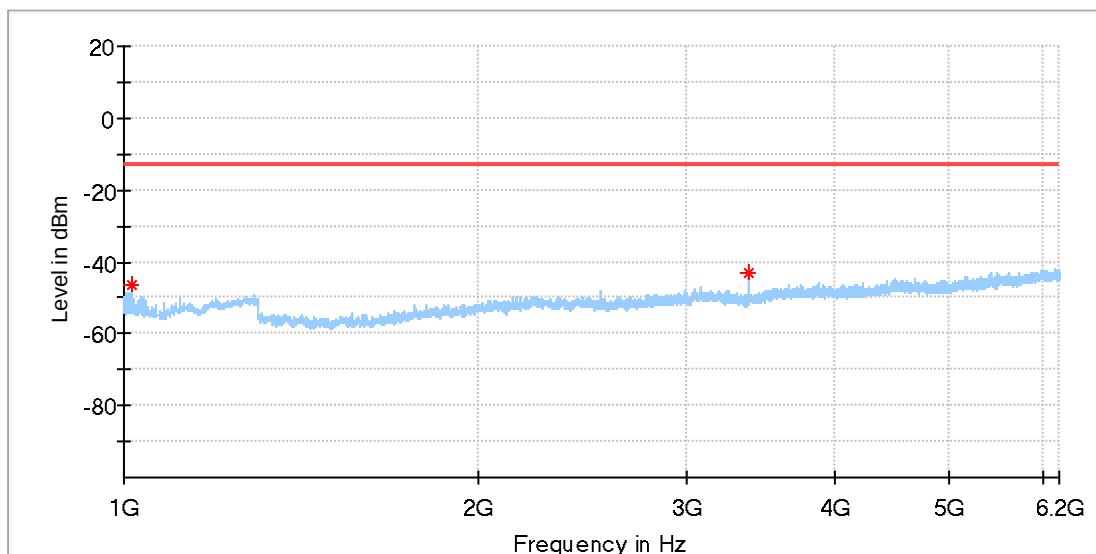
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1684.500000	-53.54	---	-13.00	40.54	100.0	V	67.0	-92.1
2507.500000	-48.42	---	-13.00	35.42	100.0	V	67.0	-88.1
3344.000000	-42.42	---	-13.00	29.42	100.0	V	101.0	-87.3

Final_Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1015.500000	-46.19	---	-13.00	33.19	100.0	H	98.0	-94.7
3384.000000	-43.20	---	-13.00	30.20	100.0	H	356.0	-87.3

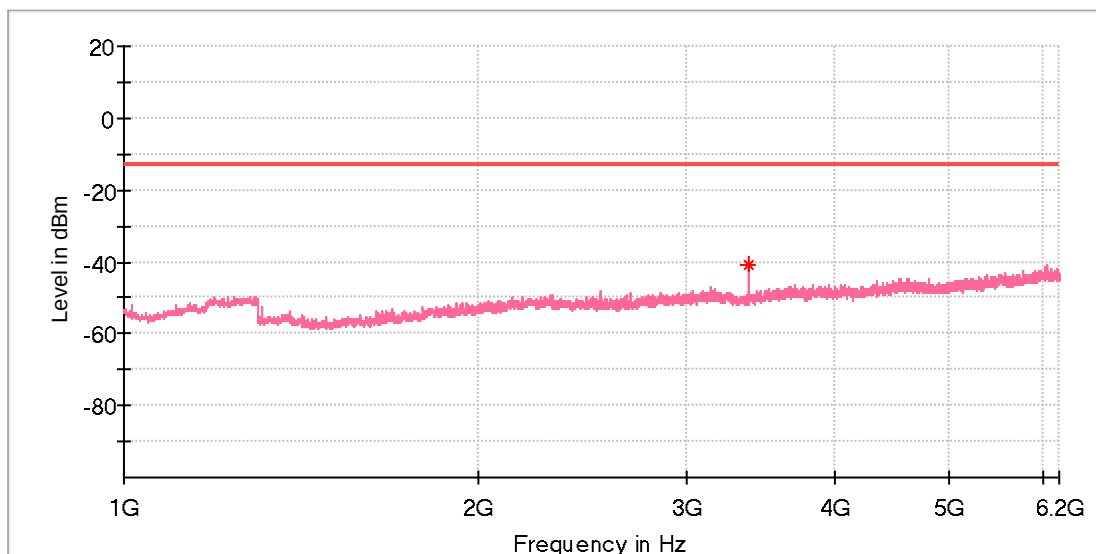
Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Produkte
Products

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3384.500000	-40.94	---	-13.00	27.94	100.0	V	191.0	-87.2

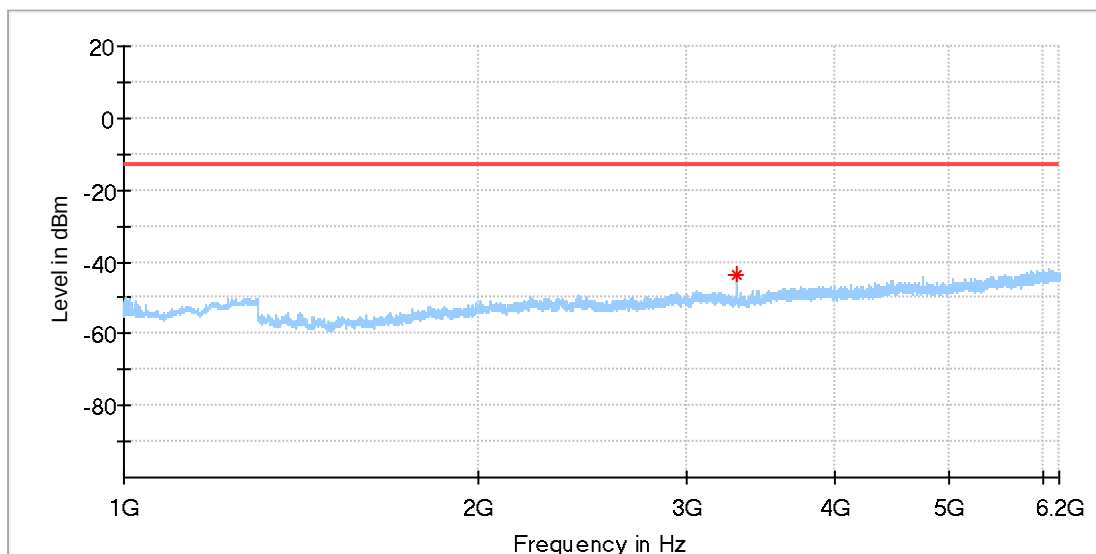
Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Produkte
Products

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3304.000000	-43.65	---	-13.00	30.65	100.0	H	212.0	-87.2

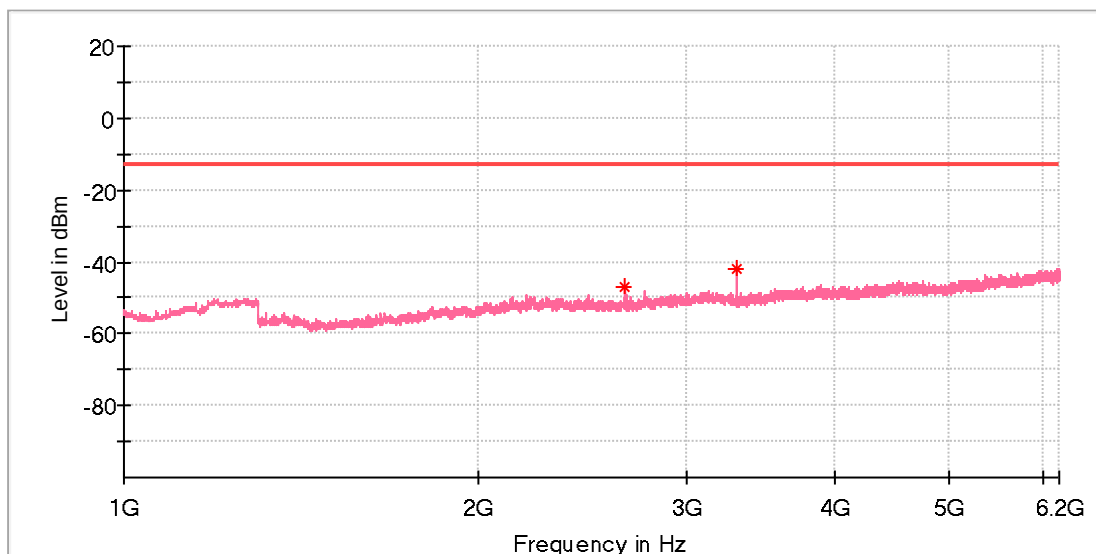
Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Produkte
Products

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2660.500000	-47.18	---	-13.00	34.18	100.0	V	302.0	-88.1
3304.500000	-41.72	---	-13.00	28.72	100.0	V	344.0	-87.3

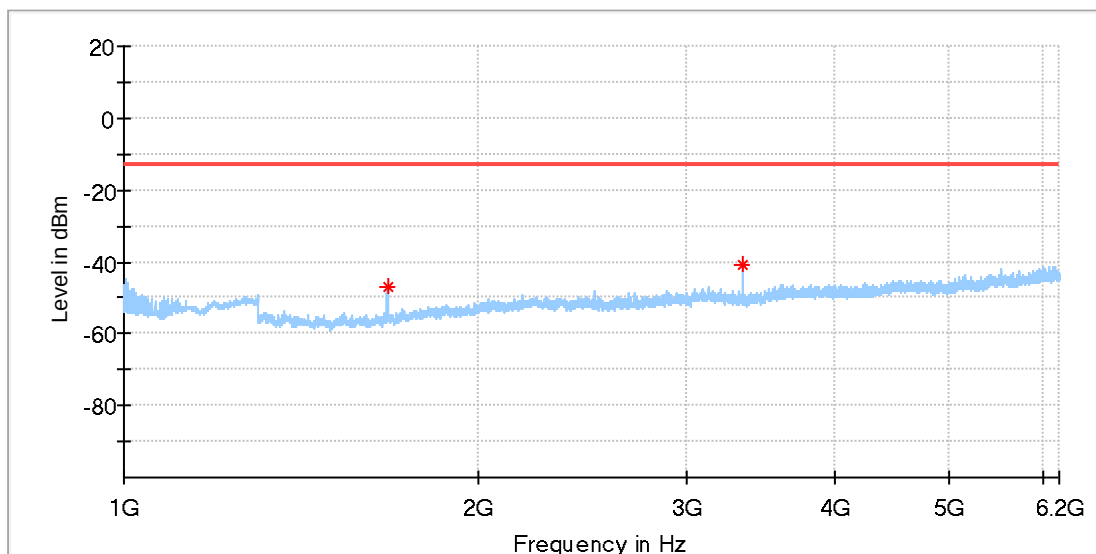
Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Produkte
Products

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-47.23	---	-13.00	34.23	100.0	H	344.0	-92.5
3344.000000	-40.64	---	-13.00	27.64	100.0	H	31.0	-87.3

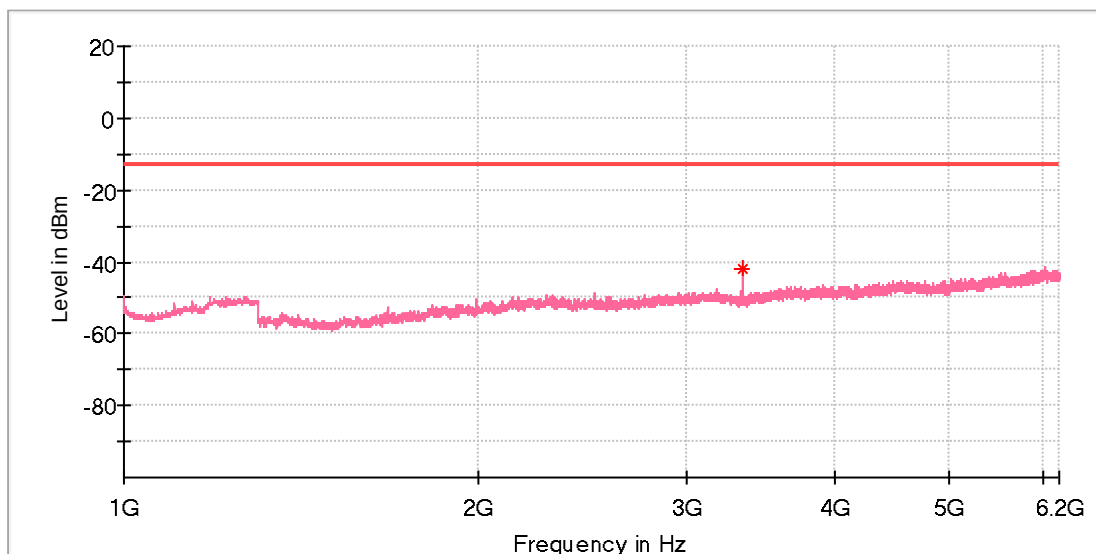
Final Result

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

Produkte
Products

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

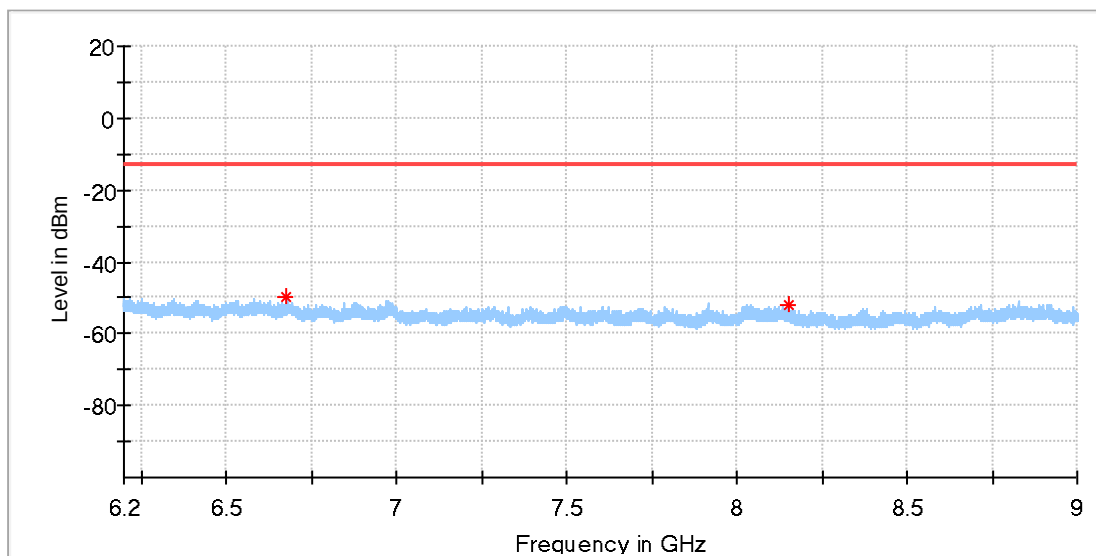
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3344.500000	-41.80	---	-13.00	28.80	100.0	V	194.0	-87.3

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

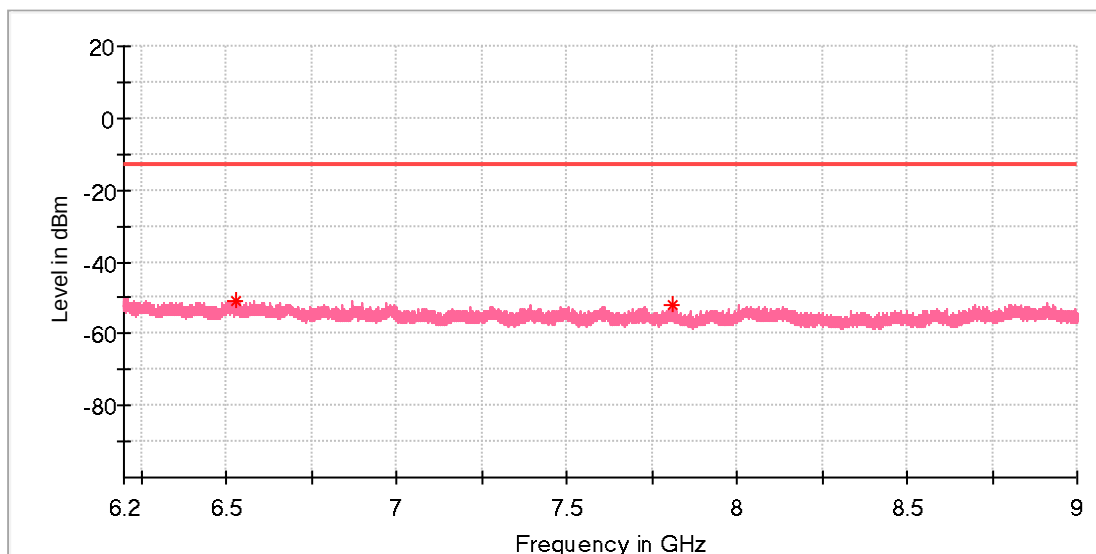
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6678.683333	-49.51	---	-13.00	36.51	100.0	H	245.0	-87.7
8152.066667	-51.96	---	-13.00	38.96	100.0	H	154.0	-87.1

Final Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

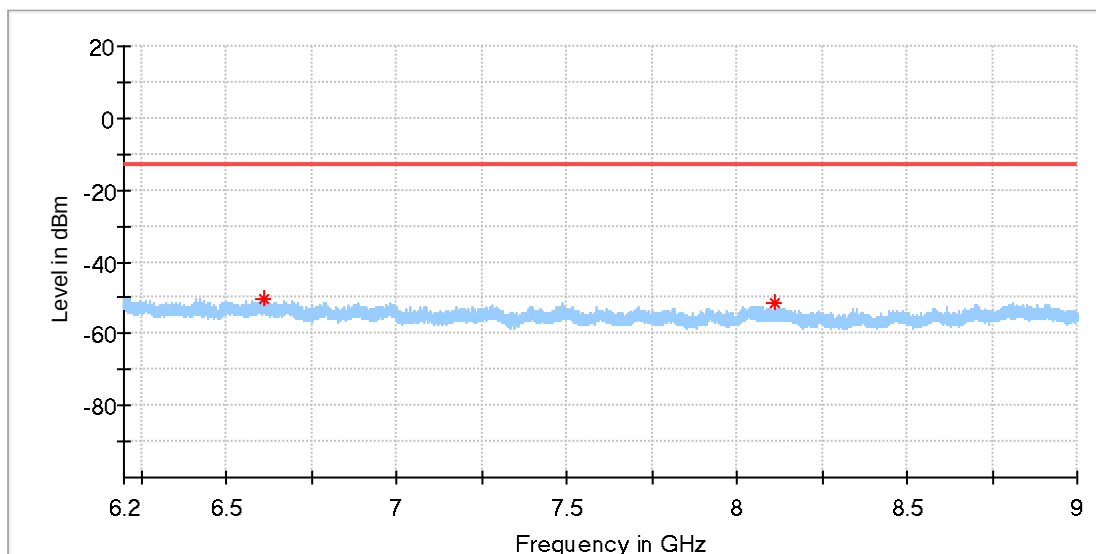
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6527.016667	-50.65	---	-13.00	37.65	100.0	V	277.0	-87.5
7810.816667	-52.03	---	-13.00	39.03	100.0	V	222.0	-87.4

Final Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

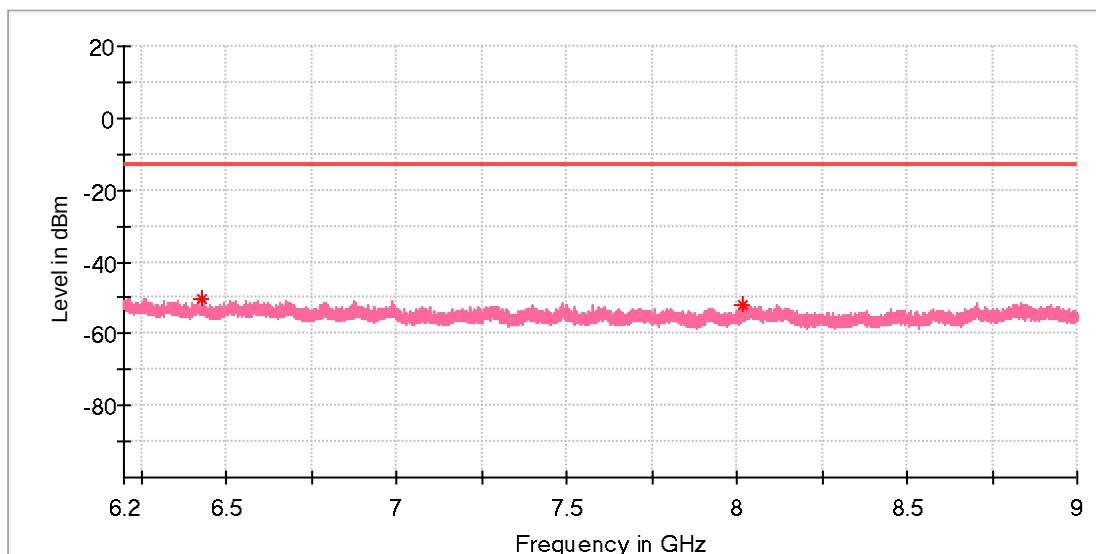
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6611.833333	-50.28	---	-13.00	37.28	100.0	H	288.0	-87.8
8114.383333	-51.32	---	-13.00	38.32	100.0	H	142.0	-86.8

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

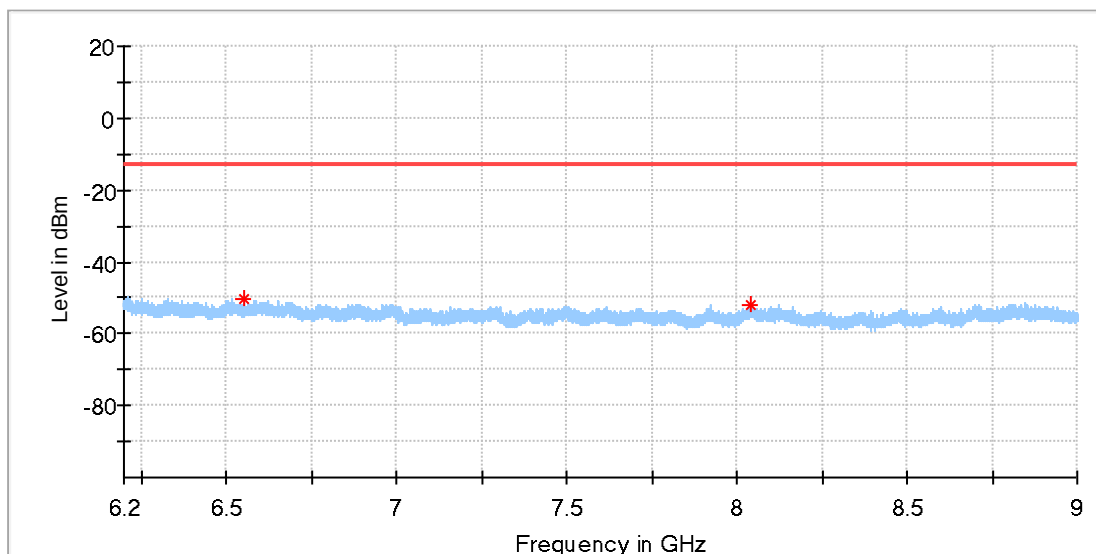
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6427.500000	-50.42	---	-13.00	37.42	100.0	V	348.0	-87.9
8019.650000	-52.12	---	-13.00	39.12	100.0	V	316.0	-87.2

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

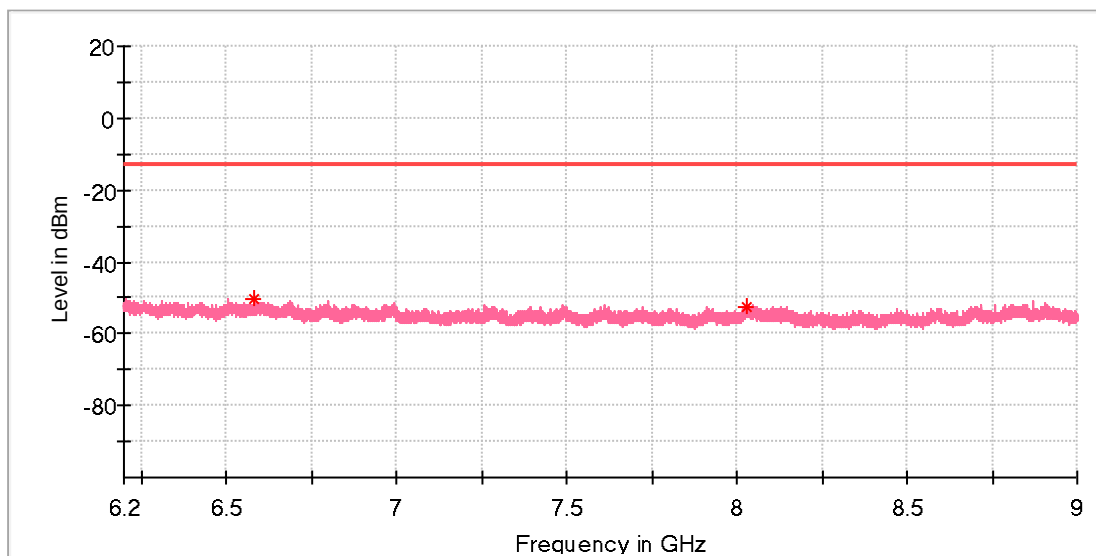
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6554.433333	-50.56	---	-13.00	37.56	100.0	H	14.0	-87.3
8039.366667	-51.87	---	-13.00	38.87	100.0	H	59.0	-87.1

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6584.300000	-50.31	---	-13.00	37.31	100.0	V	0.0	-87.8
8031.316667	-52.68	---	-13.00	39.68	100.0	V	32.0	-87.0

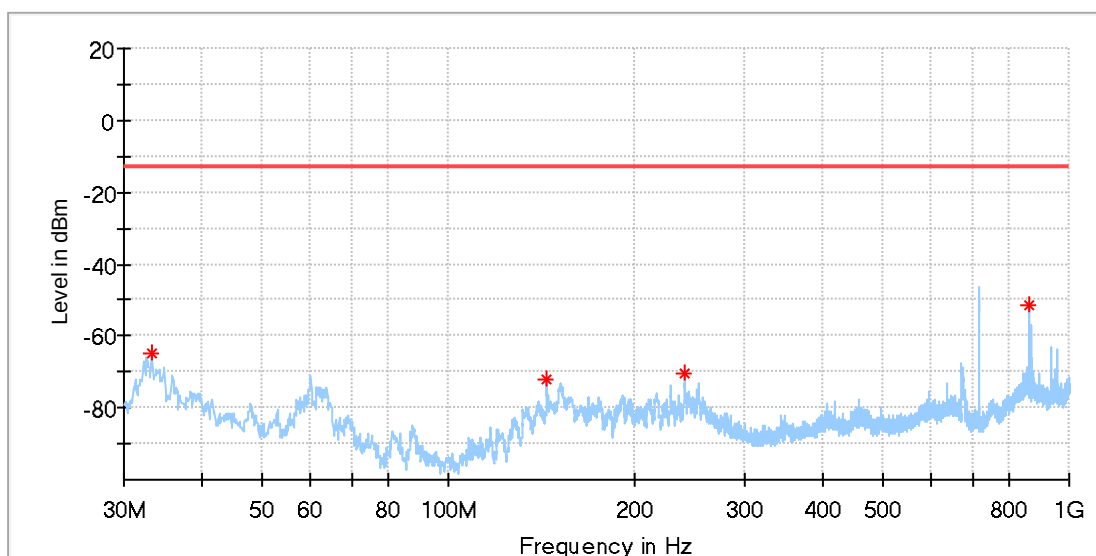
Final Result

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

Band 12

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

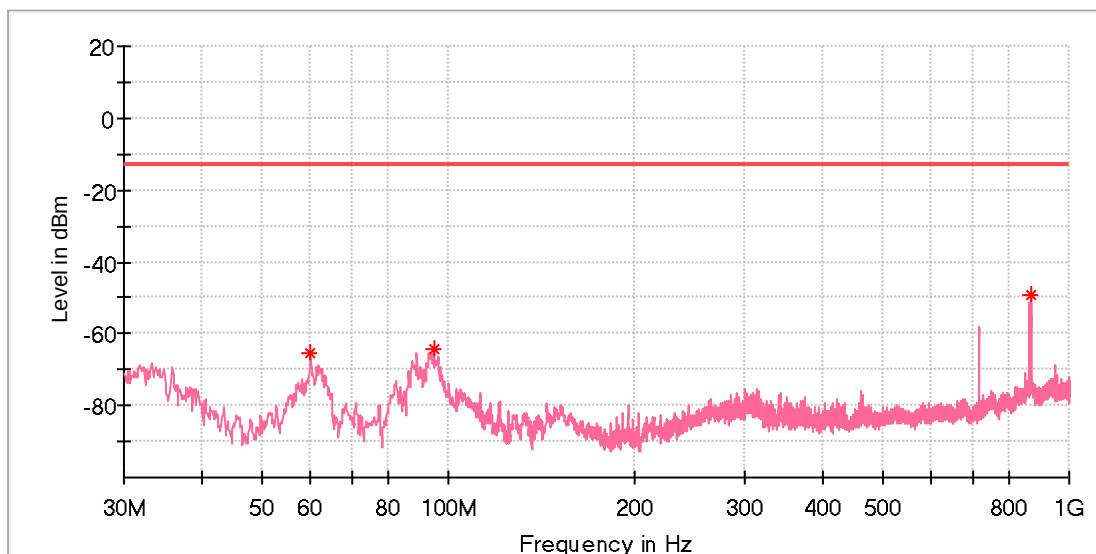
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.273750	-65.08	---	-13.00	52.09	100.0	H	231.0	-117.4
143.853750	-72.21	---	-13.00	59.21	100.0	H	238.0	-123.4
240.005000	-70.34	---	-13.00	57.34	100.0	H	71.0	-110.5
863.472500	-51.33	---	-13.00	38.33	100.0	H	185.0	-99.9

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

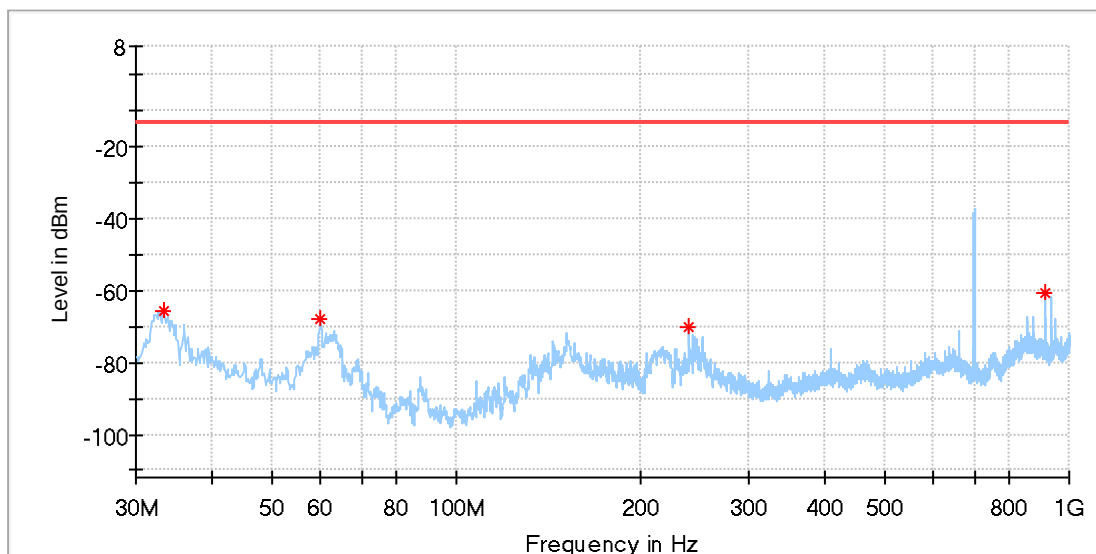
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.948750	-65.39	---	-13.00	52.39	100.0	V	163.0	-120.4
94.626250	-64.40	---	-13.00	51.40	100.0	V	347.0	-99.7
865.412500	-49.23	---	-13.00	36.23	100.0	V	134.0	-99.6

Final_Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

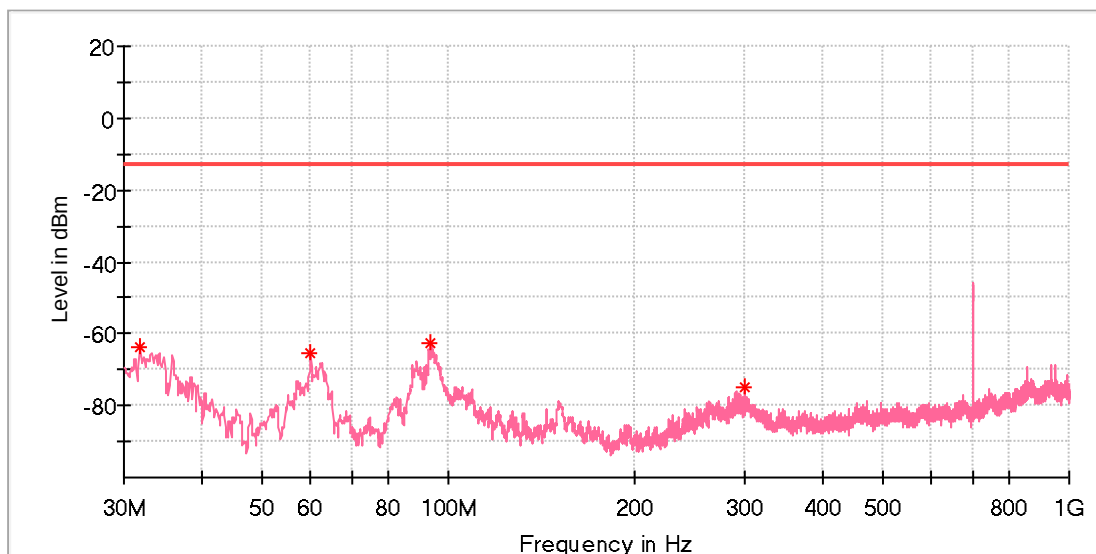
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.273750	-65.63	---	-13.00	52.63	100.0	H	222.0	-117.4
59.948750	-68.05	---	-13.00	55.05	100.0	H	320.0	-116.6
239.883750	-70.06	---	-13.00	57.06	100.0	H	222.0	-110.5
913.791250	-60.63	---	-13.00	47.63	100.0	H	343.0	-102.1

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

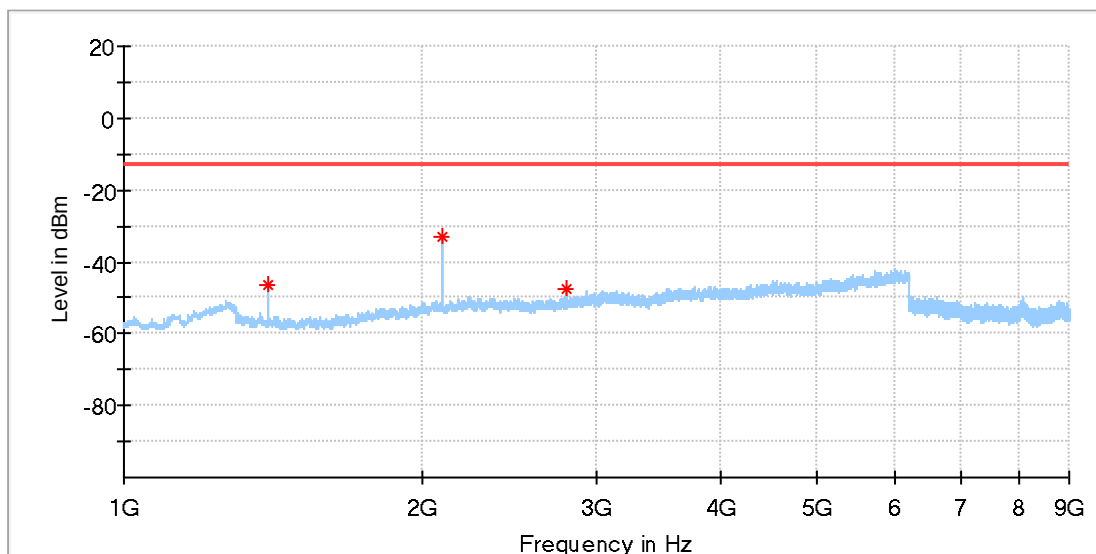
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.940000	-63.84	---	-13.00	50.84	100.0	V	59.0	-128.4
59.948750	-65.41	---	-13.00	52.41	100.0	V	214.0	-120.4
93.777500	-62.81	---	-13.00	49.81	100.0	V	311.0	-100.5
300.993750	-74.68	---	-13.00	61.68	100.0	V	252.0	-111.0

Final Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

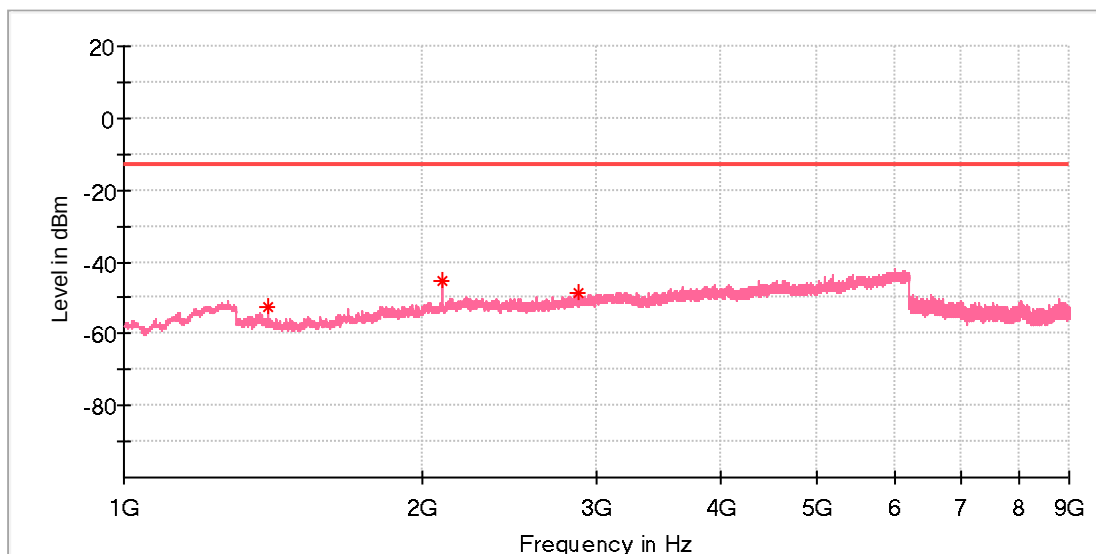
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-46.50	---	-13.00	33.50	100.0	H	44.0	-93.0
2097.500000	-33.15	---	-13.00	20.15	100.0	H	225.0	-88.8
2796.500000	-47.62	---	-13.00	34.62	100.0	H	5.0	-87.4

Final_Result

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

EUT Name: Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:45%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

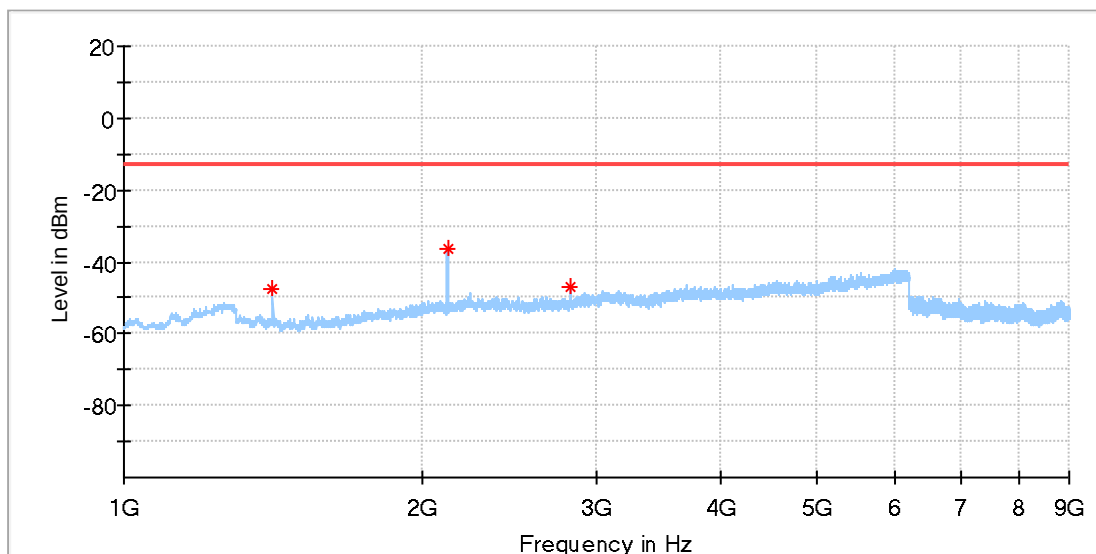
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-52.52	---	-13.00	39.52	100.0	V	265.0	-92.9
2097.500000	-45.45	---	-13.00	32.45	100.0	V	293.0	-88.6
2881.000000	-48.69	---	-13.00	35.69	100.0	V	320.0	-86.9

Final_Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:45%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

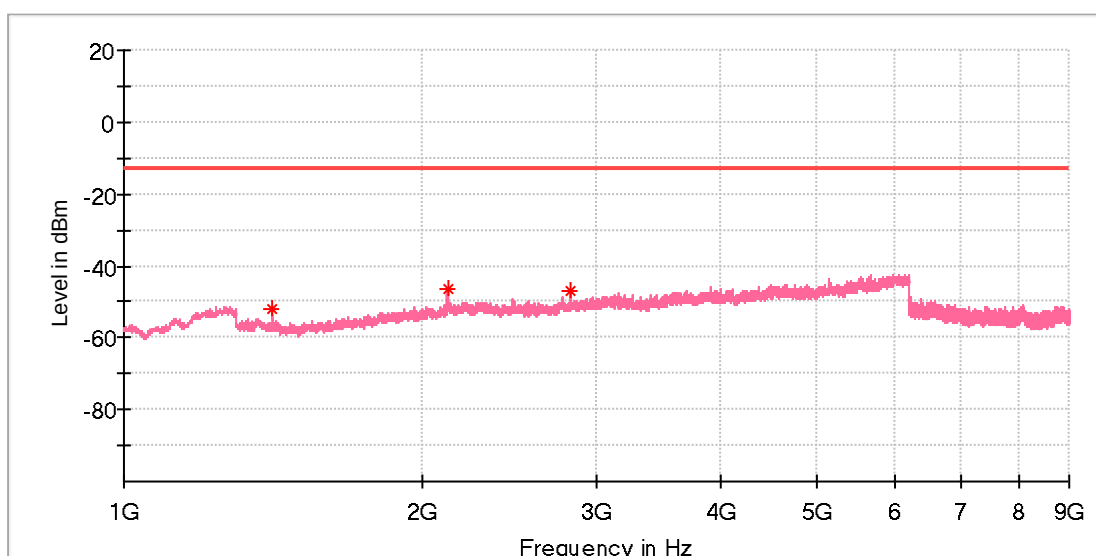
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.000000	-47.72	---	-13.00	34.72	100.0	H	212.0	-92.5
2121.000000	-36.18	---	-13.00	23.18	100.0	H	233.0	-88.6
2828.500000	-46.75	---	-13.00	33.75	100.0	H	171.0	-87.5

Final_Result

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

EUT Name: Gateway
Model: T11012860
Test Mode: TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage: Battery
Remark: Temp 24 Humi:45%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

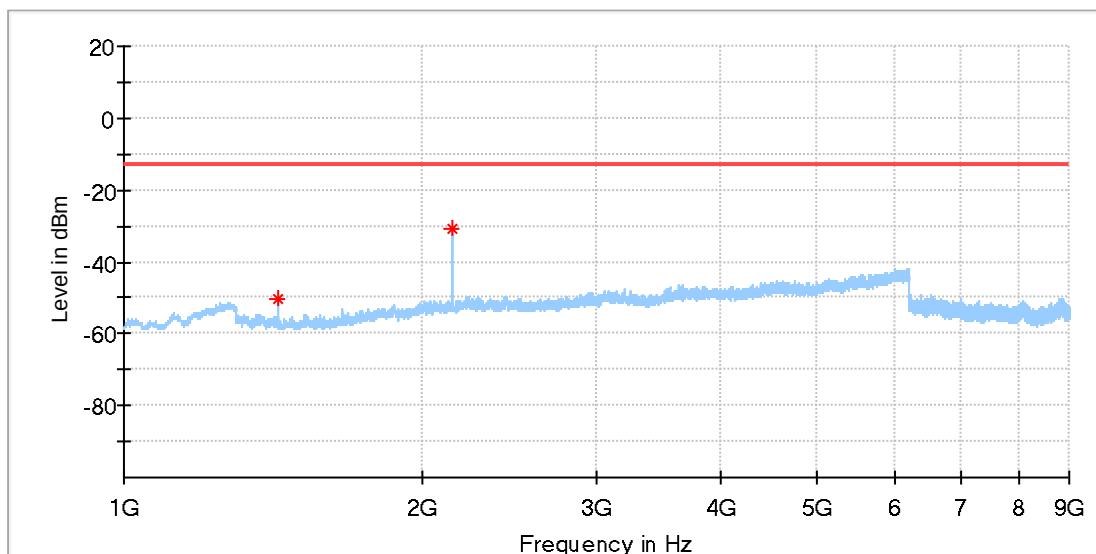
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1413.500000	-52.00	---	-13.00	39.00	100.0	V	293.0	-92.9
2121.000000	-46.68	---	-13.00	33.68	100.0	V	92.0	-88.1
2828.000000	-47.06	---	-13.00	34.06	100.0	V	154.0	-87.4

Final_Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

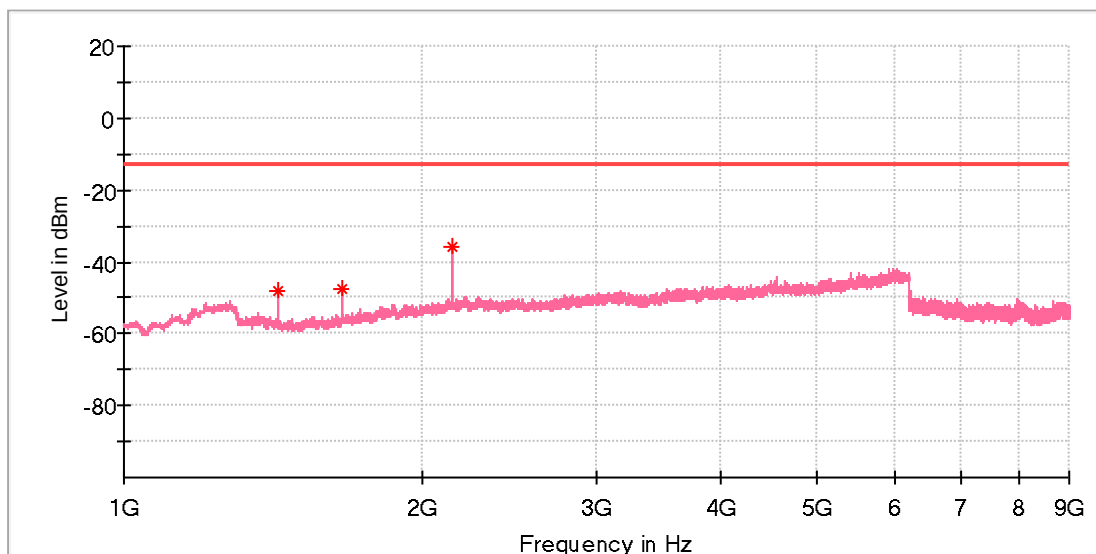
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-50.26	---	-13.00	37.26	100.0	H	169.0	-93.5
2146.500000	-30.99	---	-13.00	17.99	100.0	H	19.0	-88.6

Final Result

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

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

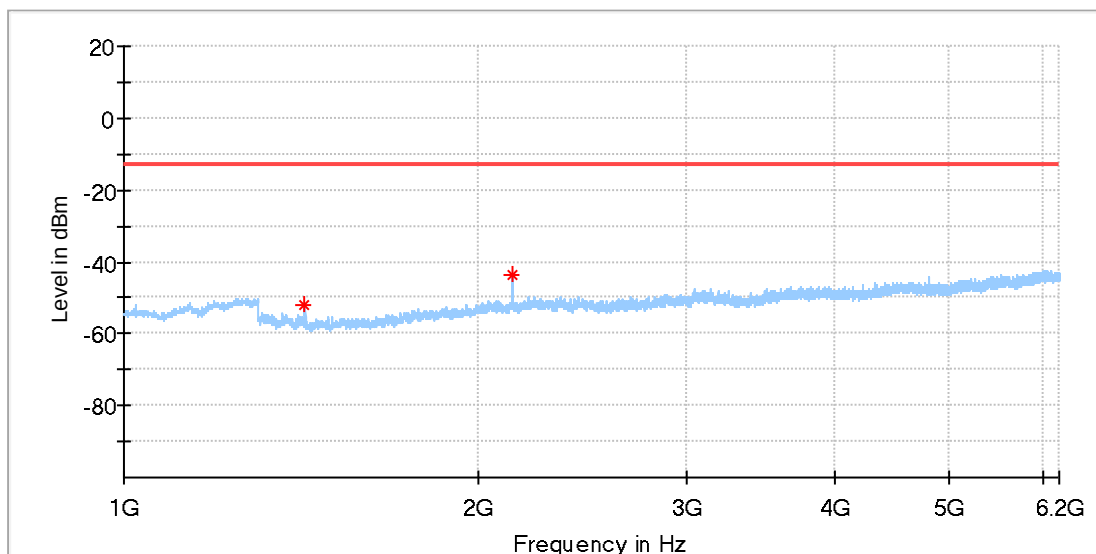
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.000000	-48.19	---	-13.00	35.19	100.0	V	16.0	-93.6
1664.000000	-47.62	---	-13.00	34.62	100.0	V	263.0	-92.2
2147.500000	-35.82	---	-13.00	22.82	100.0	V	291.0	-88.0

Final_Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

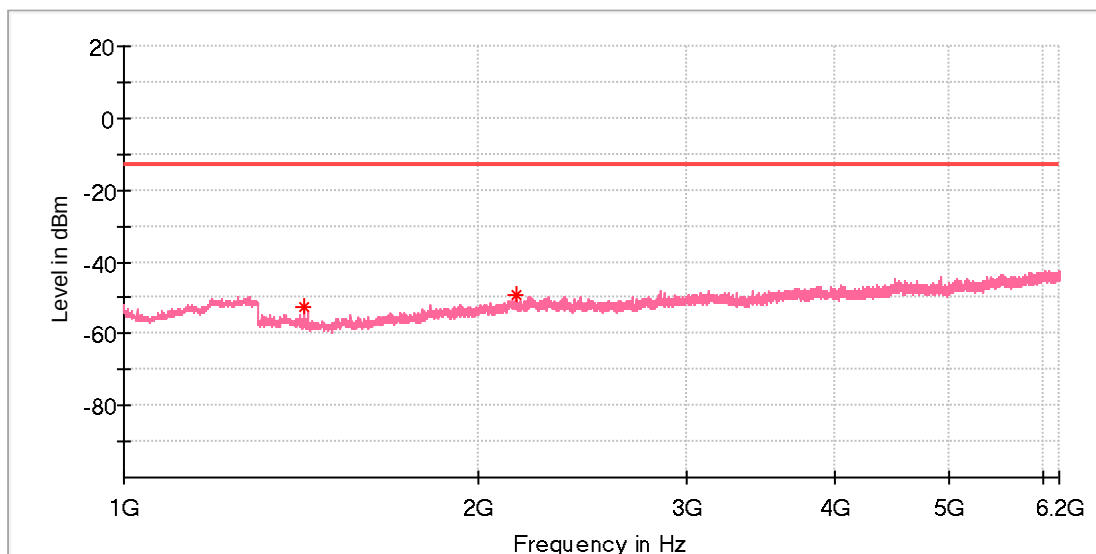
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1423.000000	-51.74	---	-13.00	38.74	100.0	H	274.0	-92.9
2135.000000	-43.38	---	-13.00	30.38	100.0	H	191.0	-88.3

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

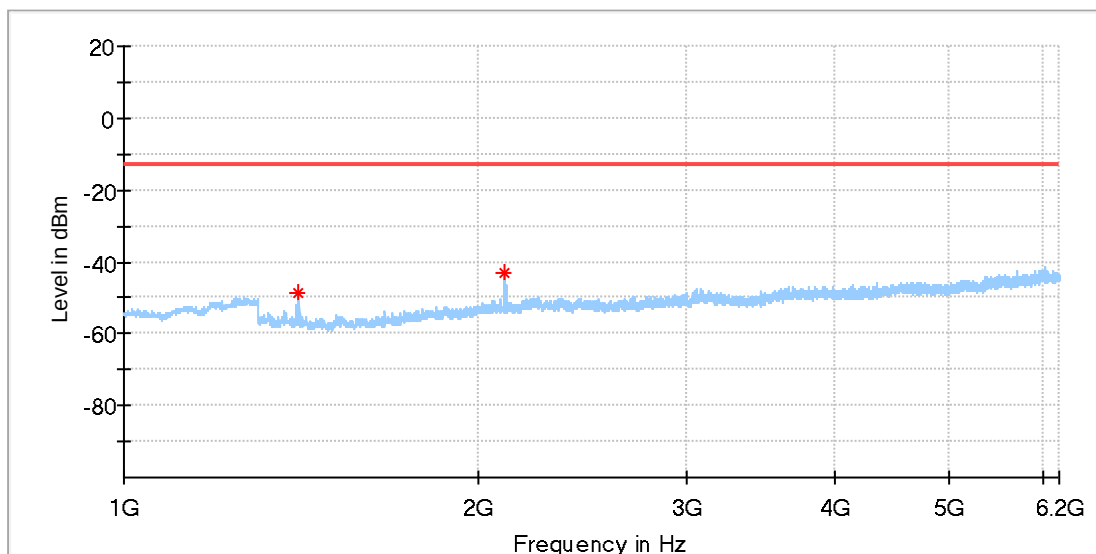
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1423.500000	-52.72	---	-13.00	39.72	100.0	V	198.0	-93.3
2147.000000	-49.40	---	-13.00	36.40	100.0	V	233.0	-88.0

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

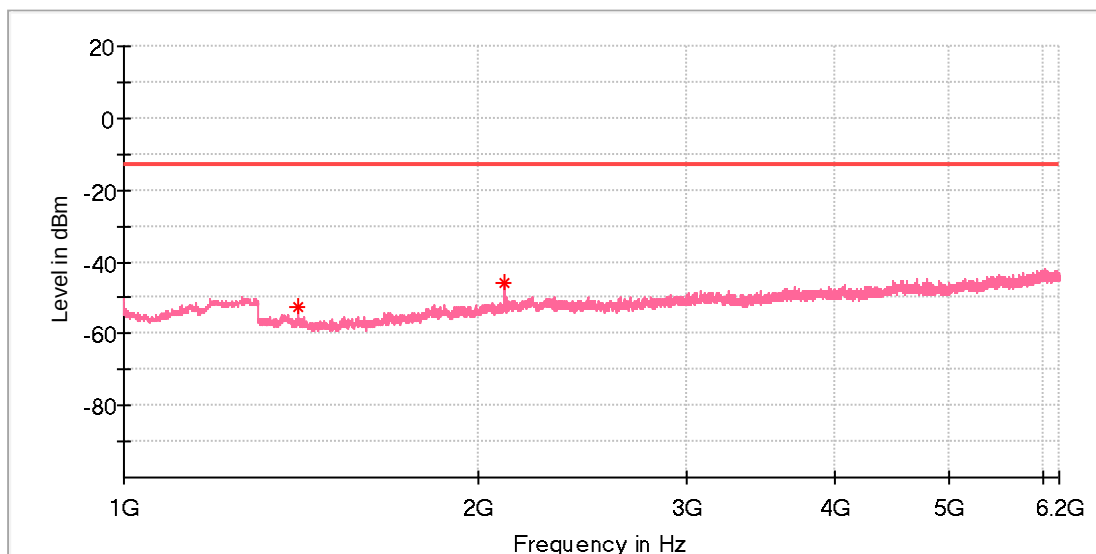
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1407.000000	-48.89	---	-13.00	35.89	100.0	H	227.0	-92.7
2099.500000	-42.86	---	-13.00	29.86	100.0	H	74.0	-88.8

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Low Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

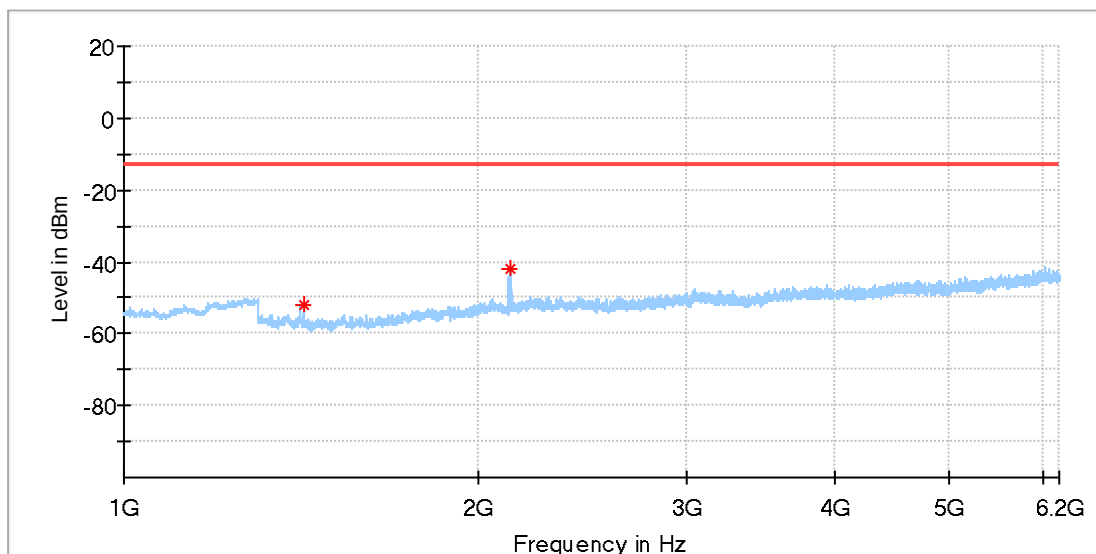
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1407.000000	-52.49	---	-13.00	39.49	100.0	V	74.0	-92.8
2099.000000	-45.82	---	-13.00	32.82	100.0	V	214.0	-88.6

Final Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

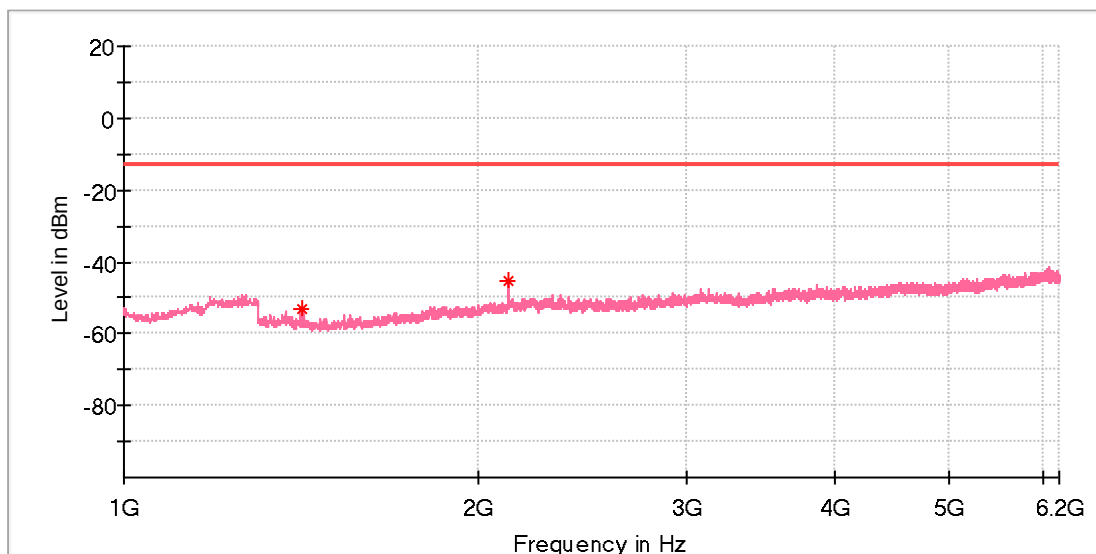
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1419.000000	-51.95	---	-13.00	38.95	100.0	H	310.0	-92.6
2129.000000	-42.20	---	-13.00	29.20	100.0	H	81.0	-88.2

Final Result

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

EUT Information

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

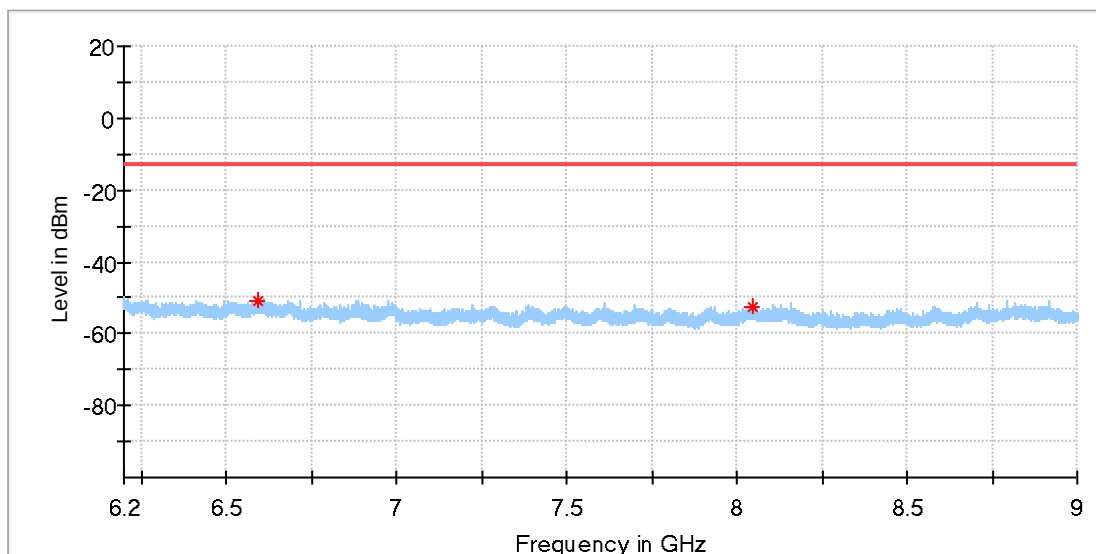
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1418.500000	-53.31	---	-13.00	40.31	100.0	V	95.0	-93.0
2118.000000	-45.28	---	-13.00	32.28	100.0	V	88.0	-88.2

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

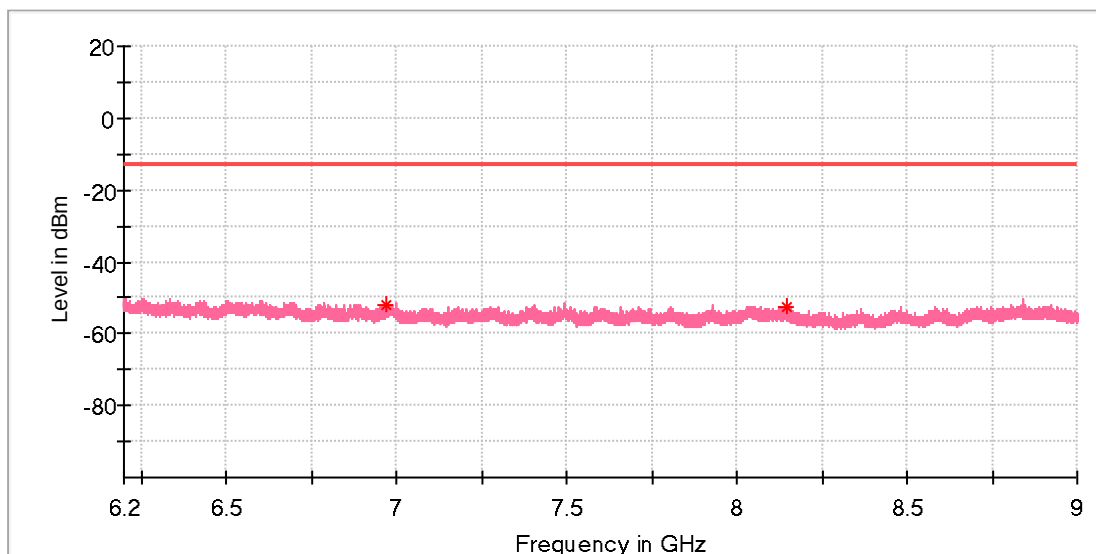
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6595.966667	-50.73	---	-13.00	37.73	100.0	H	171.0	-87.7
8048.583333	-52.38	---	-13.00	39.38	100.0	H	180.0	-86.9

Final Result

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

EUT Name: Quarterback Gateway
Model: T11012860
Test Mode: TX_1.4M_16QAM_1@0_High Channel
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 22 and RSS-132 Issue 3
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

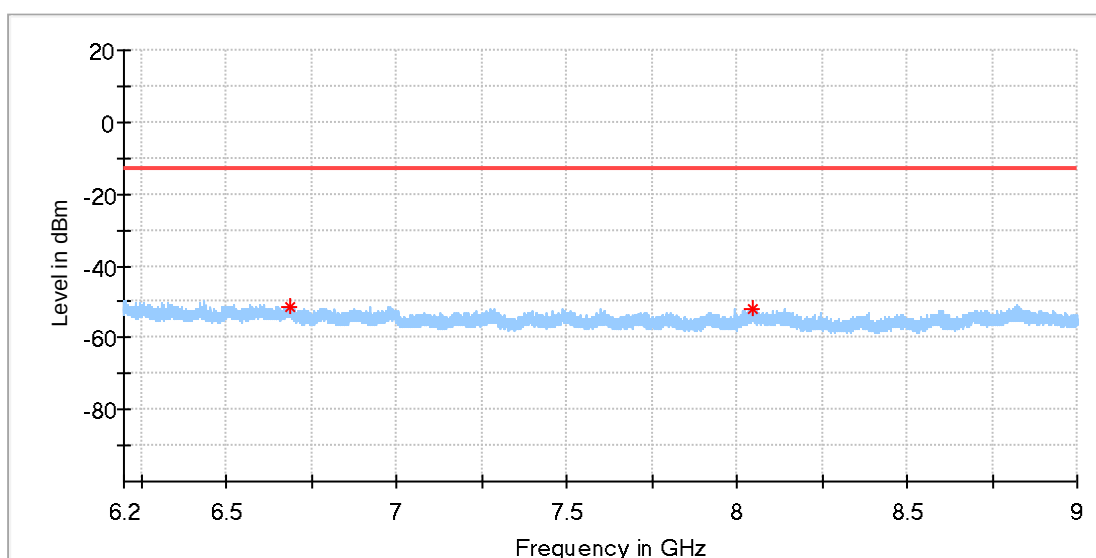
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6971.866667	-51.85	---	-13.00	38.85	100.0	V	96.0	-88.4
8144.133333	-52.40	---	-13.00	39.40	100.0	V	124.0	-87.0

Final Result

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

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_1.4M_16QAM_1@0_Low Channel
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 22 and RSS-132 Issue 3
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6688.950000	-51.42	---	-13.00	38.42	100.0	H	183.0	-87.8
8044.850000	-52.04	---	-13.00	39.04	100.0	H	334.0	-87.0

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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