

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)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	100.00

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_Mid
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)
1732.000000	-39.85	---	-13.00	26.85	100.0	V	303.0	-91.6
2132.500000	-40.82	---	-13.00	27.82	100.0	V	53.0	-87.7
3464.500000	-26.44	---	-13.00	13.44	100.0	V	98.0	-87.8

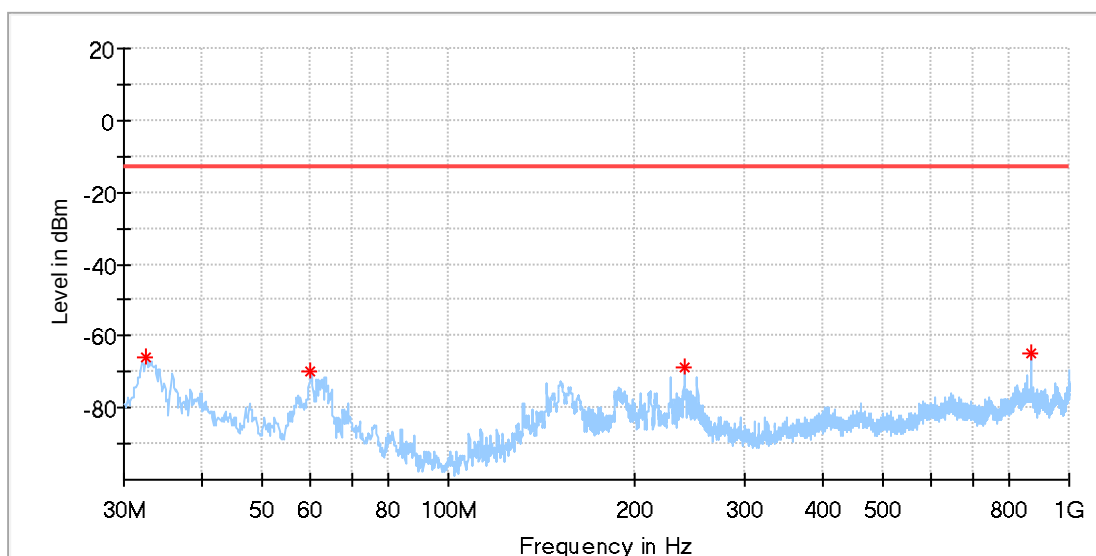
Final Result

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

Band 5

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_High
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**

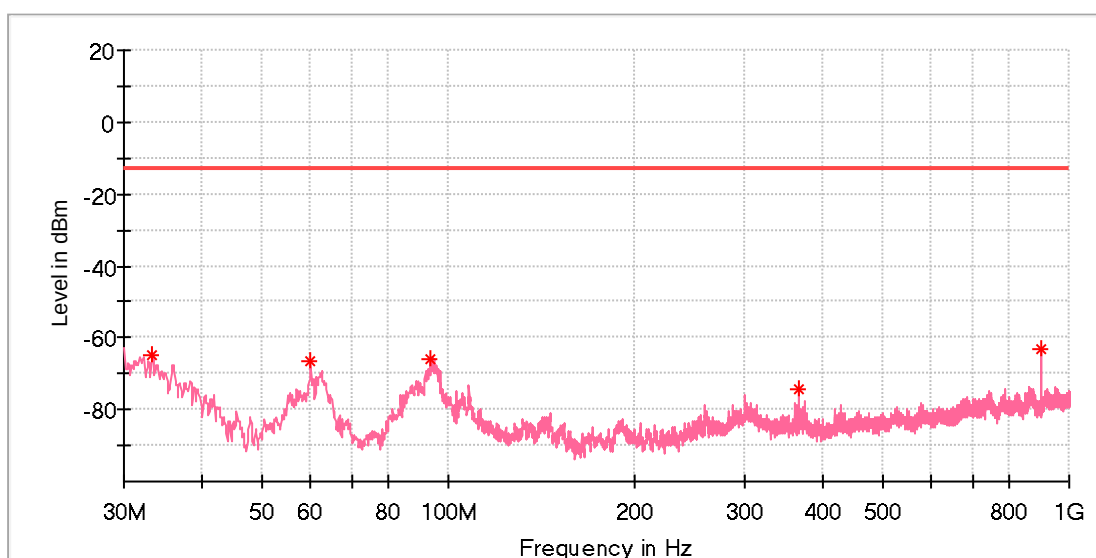
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.667500	-65.99	---	-13.00	52.99	100.0	H	238.0	-117.1
59.948750	-69.67	---	-13.00	56.67	100.0	H	184.0	-116.6
239.883750	-68.50	---	-13.00	55.50	100.0	H	248.0	-110.5
869.535000	-64.99	---	-13.00	51.99	100.0	H	334.0	-100.4

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_15kHz_QPSK 1@0_High
 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

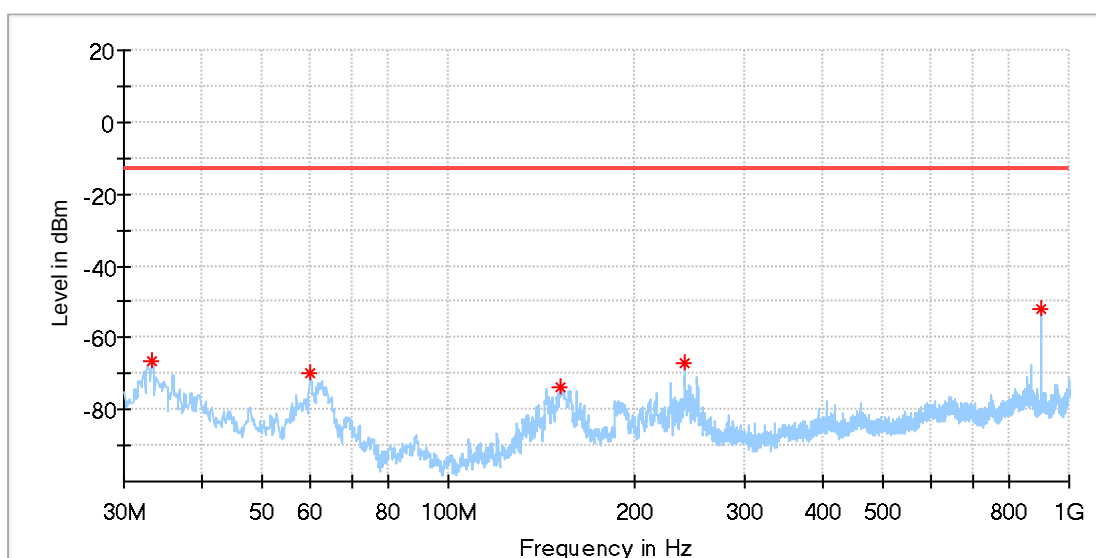
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.395000	-64.98	---	-13.00	51.98	100.0	V	177.0	-129.5
59.948750	-66.72	---	-13.00	53.72	100.0	V	170.0	-120.4
93.777500	-66.08	---	-13.00	53.08	100.0	V	348.0	-100.5
366.347500	-74.52	---	-13.00	61.52	100.0	V	257.0	-111.0
900.938750	-63.31	---	-13.00	50.31	100.0	V	130.0	-102.0

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_15kHz_QPSK 1@0_Low
 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

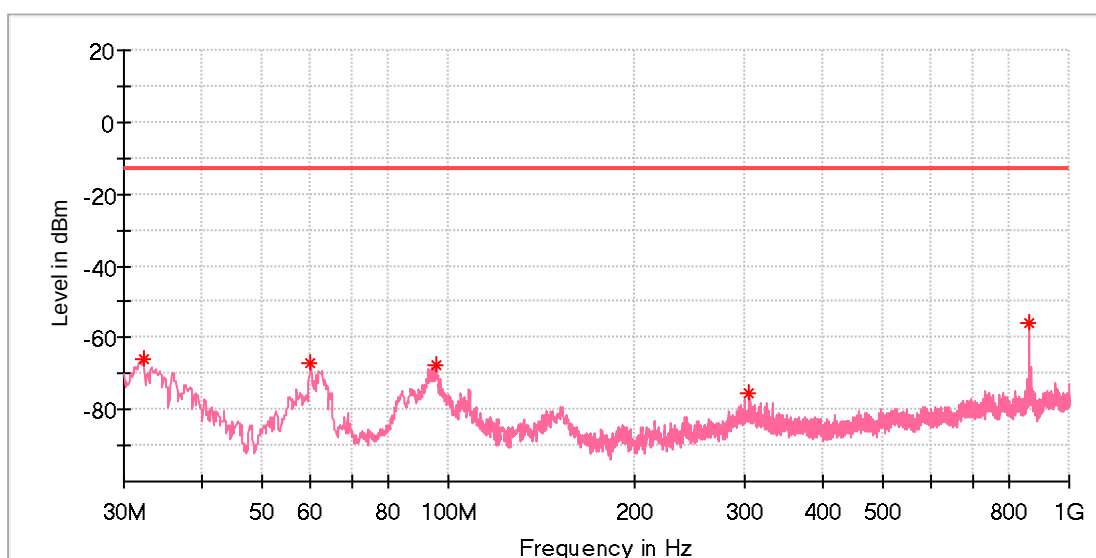
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.395000	-66.34	---	-13.00	53.34	100.0	H	182.0	-117.4
59.948750	-69.68	---	-13.00	56.68	100.0	H	352.0	-116.6
151.371250	-73.90	---	-13.00	60.90	100.0	H	250.0	-123.4
239.883750	-67.35	---	-13.00	54.35	100.0	H	243.0	-110.5
901.060000	-51.98	---	-13.00	38.98	100.0	H	141.0	-101.0

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_15kHz_QPSK 1@0_Low
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

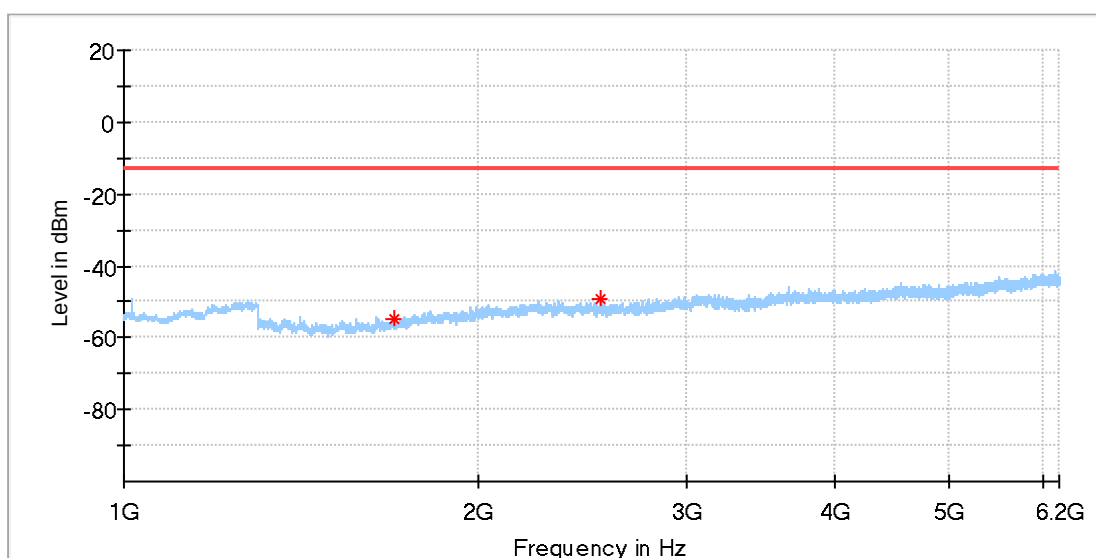
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.303750	-66.01	---	-13.00	53.01	100.0	V	356.0	-128.7
59.948750	-66.90	---	-13.00	53.90	100.0	V	221.0	-120.4
95.475000	-67.64	---	-13.00	54.64	100.0	V	325.0	-100.4
305.722500	-75.62	---	-13.00	62.62	100.0	V	257.0	-111.0
864.685000	-55.94	---	-13.00	42.94	100.0	V	1.0	-99.6

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_3.75kHz_QPSK 1@0_High
 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

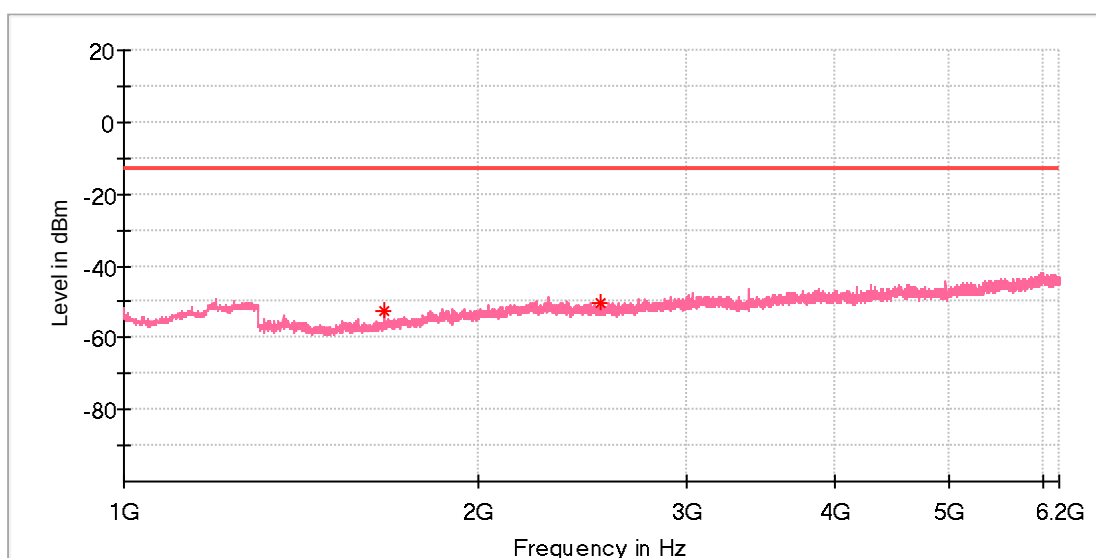
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1692.500000	-54.68	---	-13.00	41.68	100.0	H	281.0	-92.4
2539.000000	-49.38	---	-13.00	36.38	100.0	H	274.0	-88.3

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_3.75kHz_QPSK 1@0_High
 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

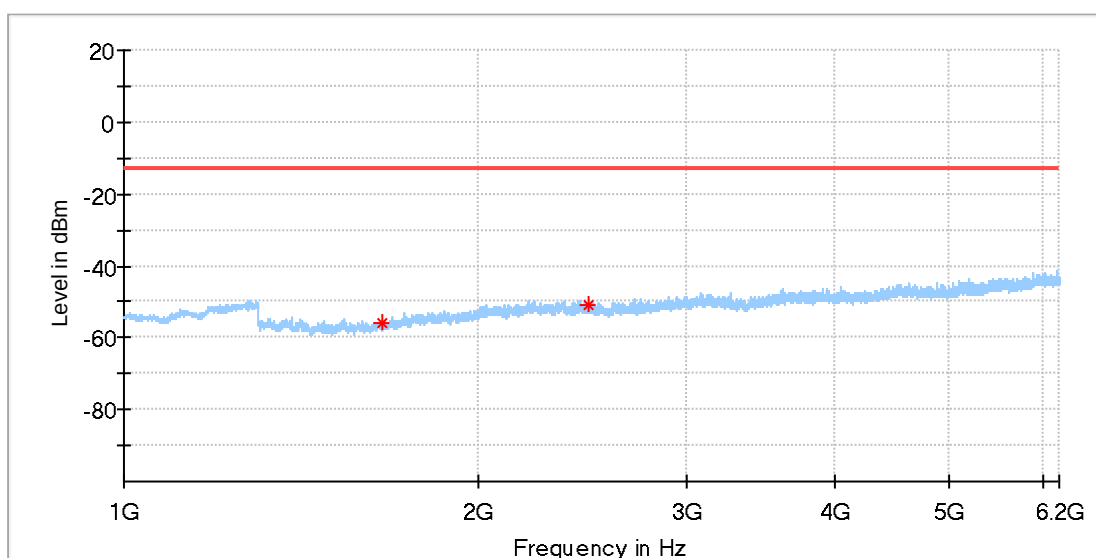
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1663.000000	-52.64	---	-13.00	39.64	100.0	V	152.0	-92.2
2539.000000	-50.52	---	-13.00	37.52	100.0	V	295.0	-88.4

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_Low
 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)
1652.500000	-55.74	---	-13.00	42.74	100.0	H	185.0	-92.5
2476.500000	-51.01	---	-13.00	38.01	100.0	H	206.0	-88.0

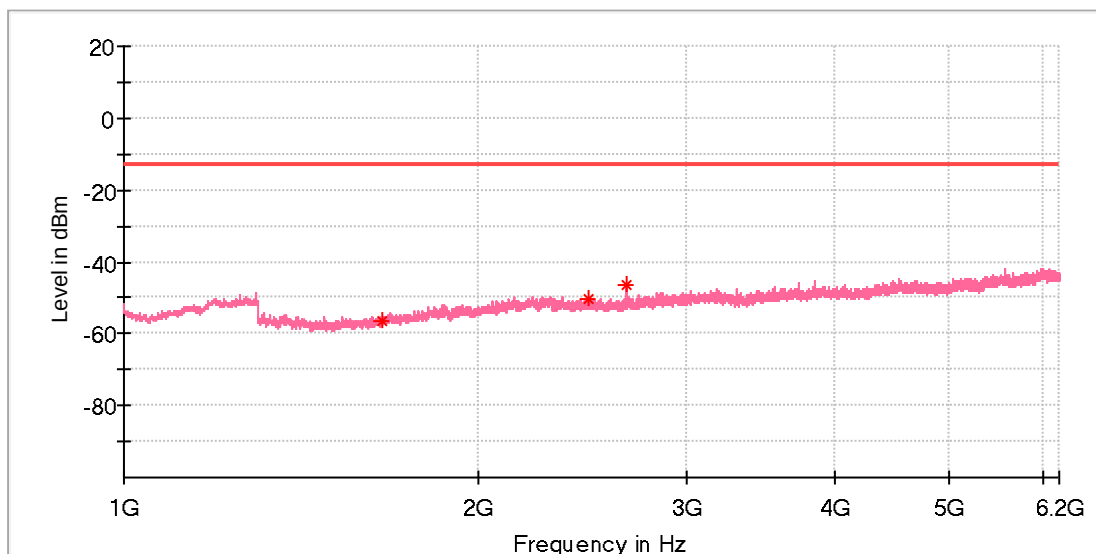
Final Result

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_3.75kHz_QPSK 1@0_Low
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)
1653.000000	-56.69	---	-13.00	43.69	100.0	V	260.0	-92.3
2479.000000	-50.36	---	-13.00	37.36	100.0	V	11.0	-88.0
2663.000000	-46.22	---	-13.00	33.23	100.0	V	260.0	-88.1

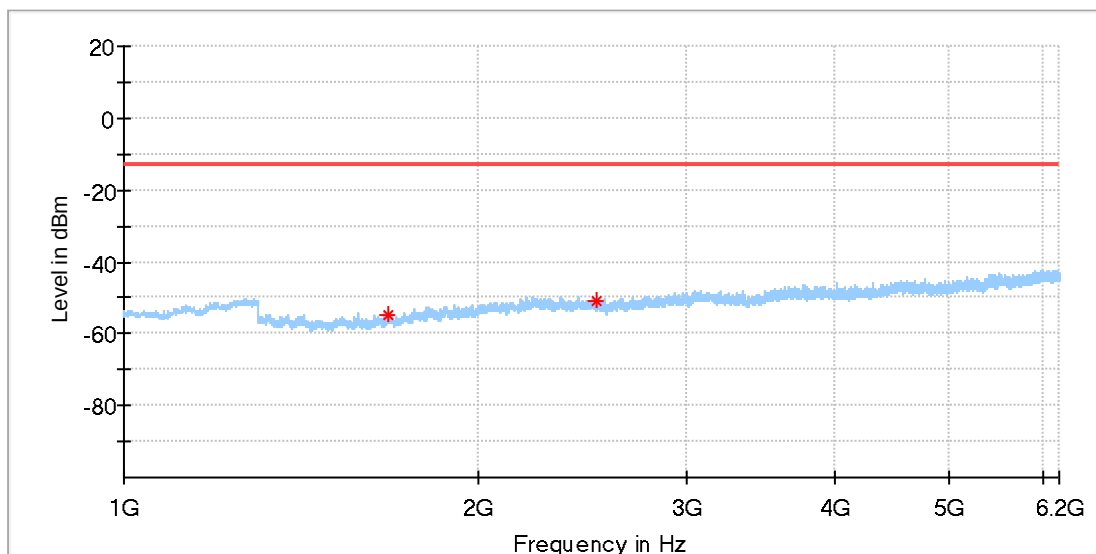
Final_Result

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_3.75kHz_QPSK 1@0_Mid
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

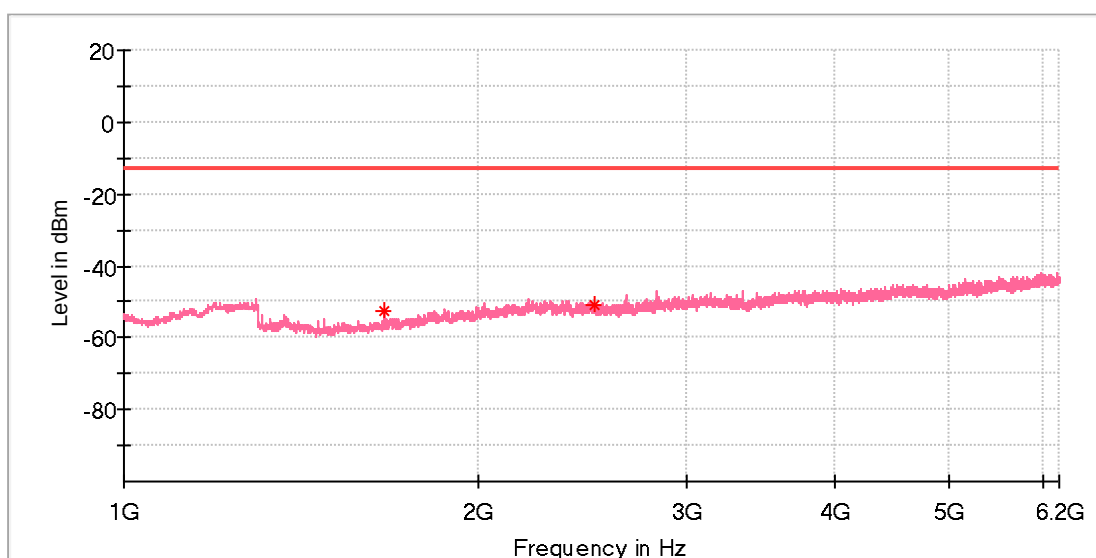
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.500000	-54.68	---	-13.00	41.68	100.0	H	359.0	-92.5
2510.000000	-50.77	---	-13.00	37.77	100.0	H	300.0	-88.3

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_3.75kHz_QPSK 1@0_Mid
 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

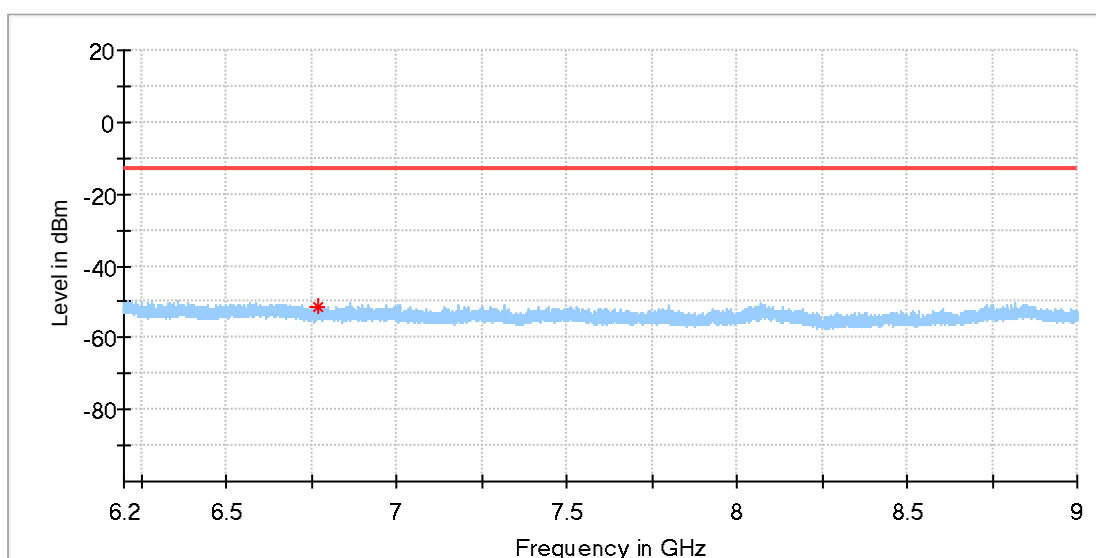
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1662.500000	-52.50	---	-13.00	39.50	100.0	V	170.0	-92.2
2509.000000	-50.96	---	-13.00	37.96	100.0	V	58.0	-88.2

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_3.75kHz_QPSK 1@0_High
 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

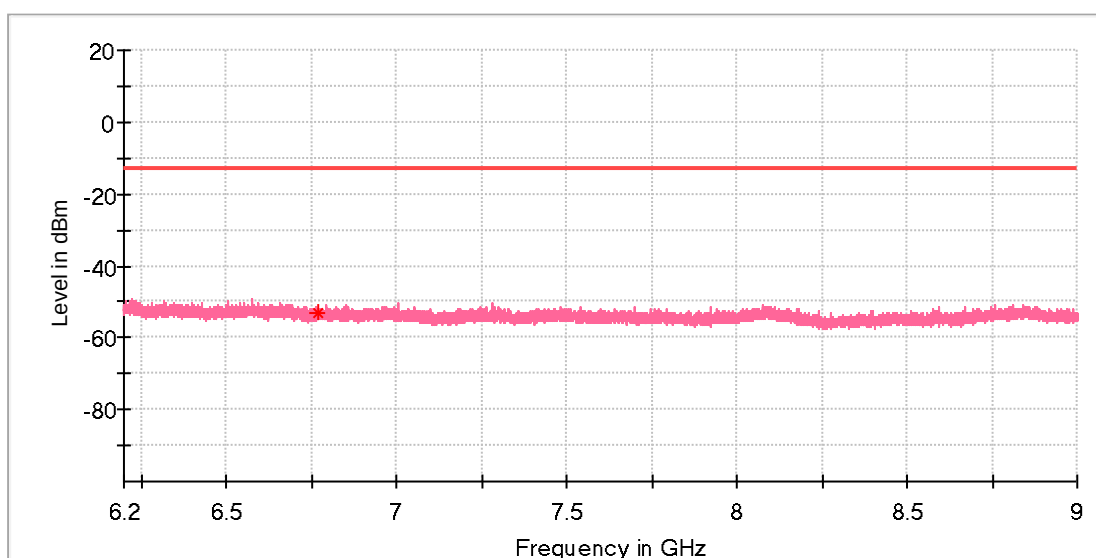
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6771.666667	-51.66	---	-13.00	38.66	100.0	H	165.0	-88.6

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_High
 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

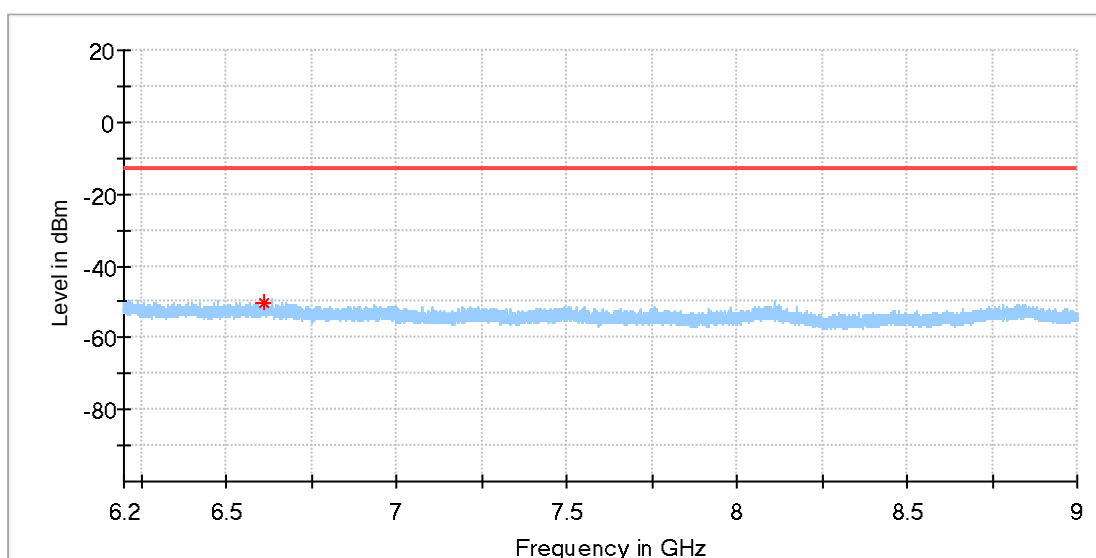
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6771.433333	-52.88	---	-13.00	39.88	100.0	V	290.0	-88.7

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_3.75kHz_QPSK 1@0_Low
 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

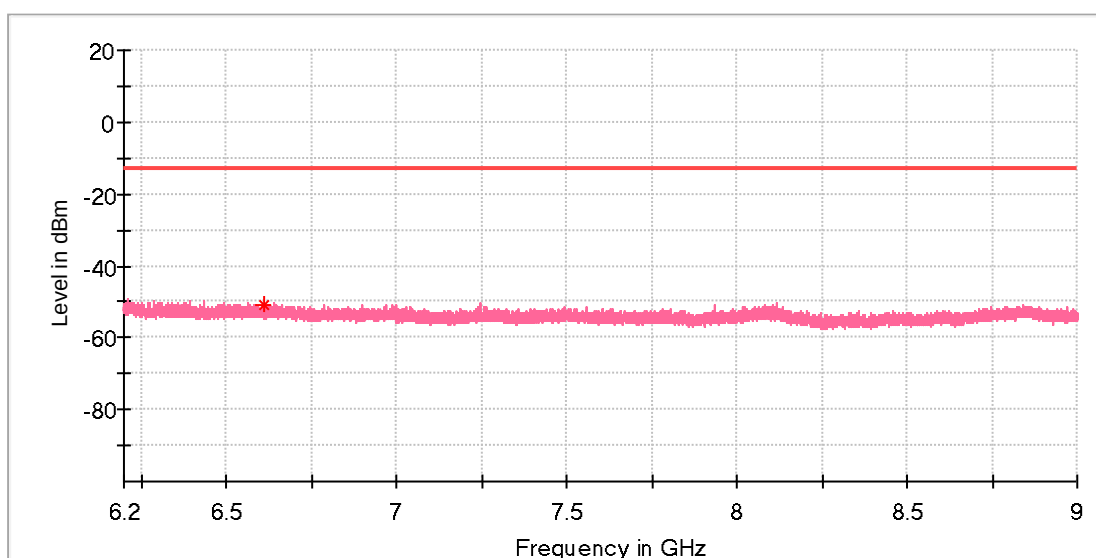
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6610.550000	-50.26	---	-13.00	37.26	100.0	H	250.0	-87.8

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_3.75kHz_QPSK 1@0_Low
 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

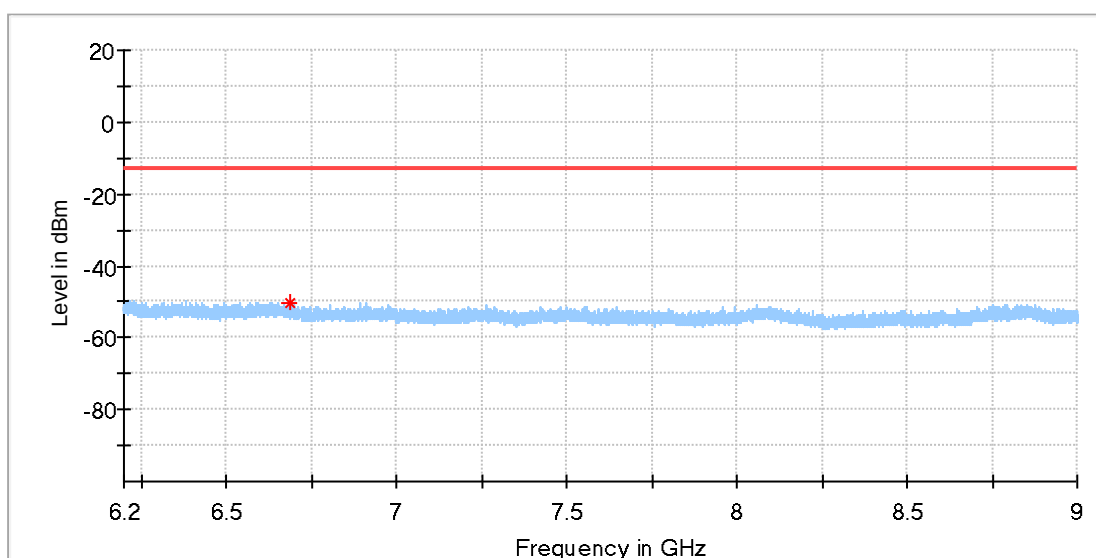
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6612.766667	-50.96	---	-13.00	37.96	100.0	V	81.0	-88.1

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_3.75kHz_QPSK 1@0_Mid
 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

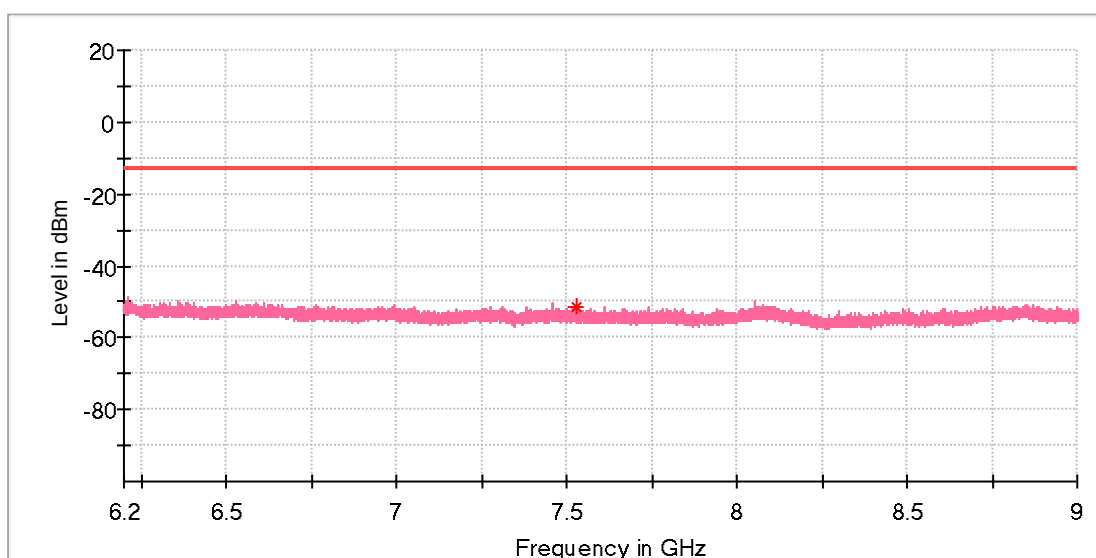
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6690.350000	-50.33	---	-13.00	37.33	100.0	H	275.0	-87.8

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_3.75kHz_QPSK 1@0_Mid
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)
7530.816667	-51.53	---	-13.00	38.53	100.0	V	276.0	-87.4

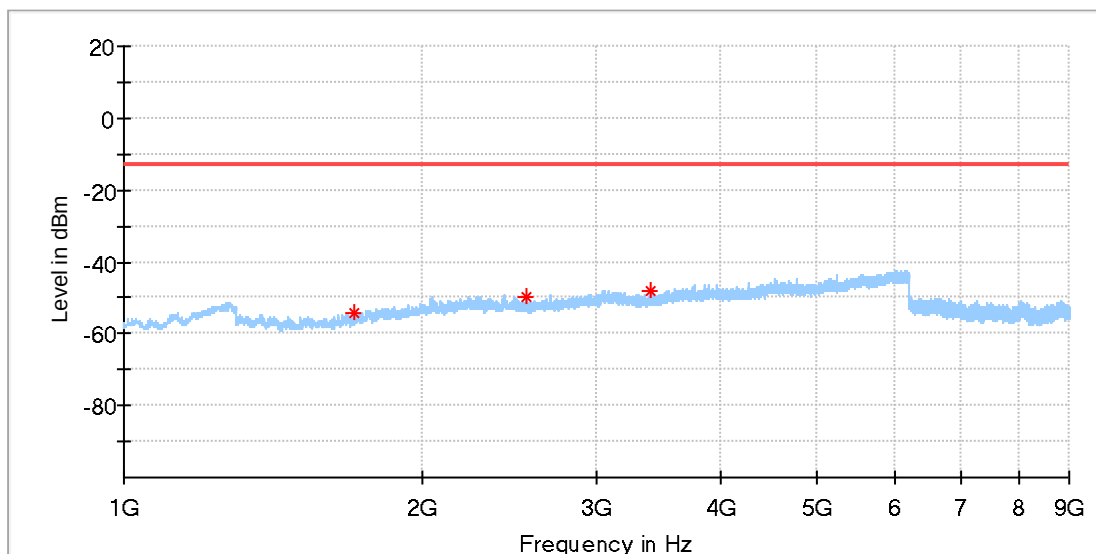
Final Result

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: Gateway
Model: T11012860
Test Mode: TX_15kHz_QPSK 1@0_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

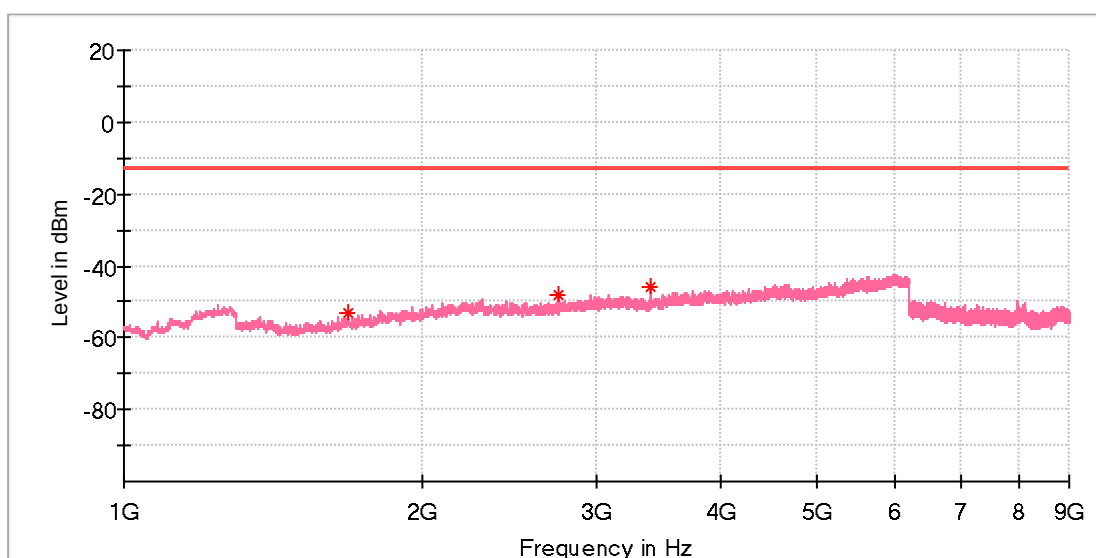
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1704.500000	-54.30	---	-13.00	41.30	100.0	H	350.0	-92.2
2546.500000	-49.95	---	-13.00	36.95	100.0	H	260.0	-88.3
3395.500000	-48.36	---	-13.00	35.36	100.0	H	149.0	-87.2

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_15kHz_QPSK 1@0_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

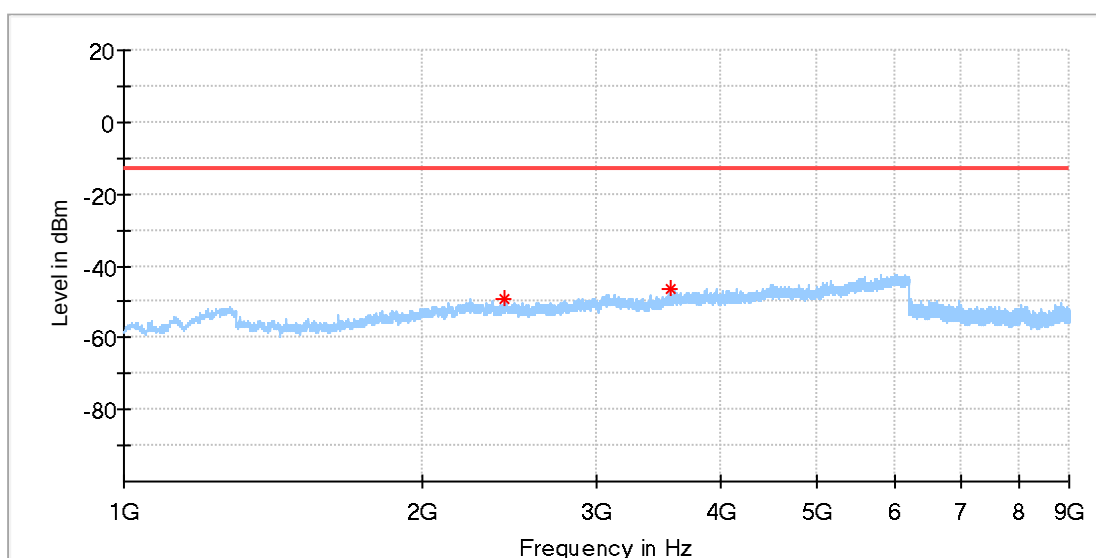
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1682.500000	-53.24	---	-13.00	40.24	100.0	V	223.0	-92.1
2751.000000	-48.37	---	-13.00	35.37	100.0	V	167.0	-87.5
3395.000000	-45.98	---	-13.00	32.98	100.0	V	84.0	-87.1

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_15kHz_QPSK 1@0_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

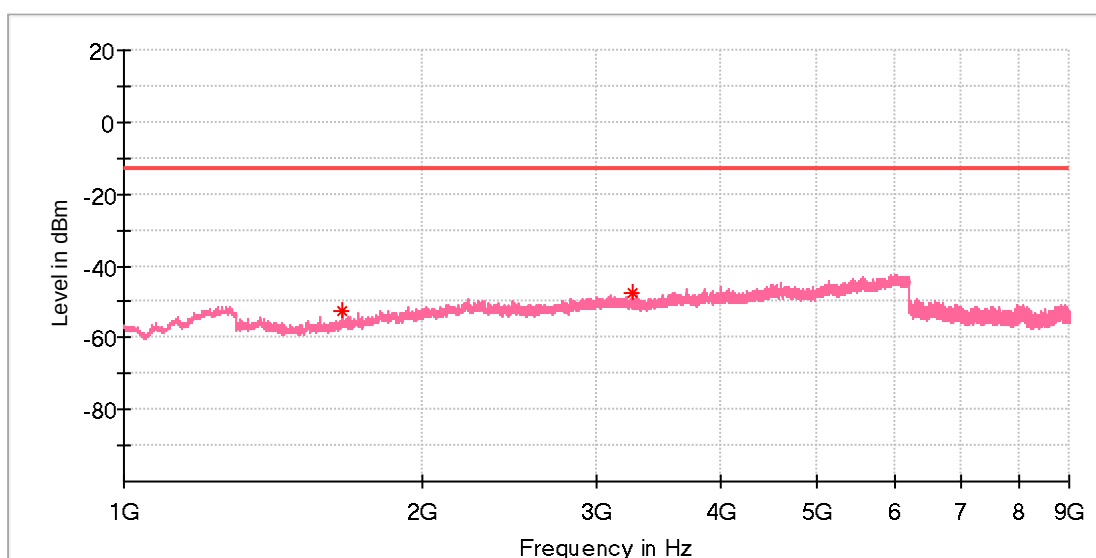
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2422.500000	-48.98	---	-13.00	35.98	100.0	H	128.0	-87.5
3556.000000	-46.42	---	-13.00	33.42	100.0	H	163.0	-85.9

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_15kHz_QPSK 1@0_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

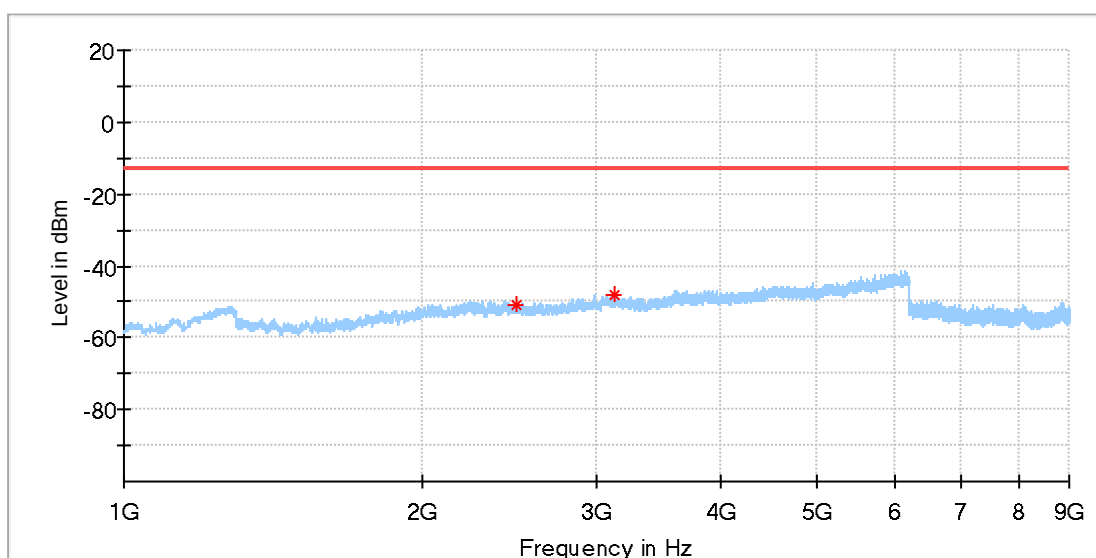
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1663.500000	-52.31	---	-13.00	39.31	100.0	V	320.0	-92.2
3255.500000	-47.70	---	-13.00	34.70	100.0	V	182.0	-86.8

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_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)
2485.000000	-50.93	---	-13.00	37.93	100.0	H	260.0	-88.1
3134.500000	-48.08	---	-13.00	35.08	100.0	H	0.0	-85.9

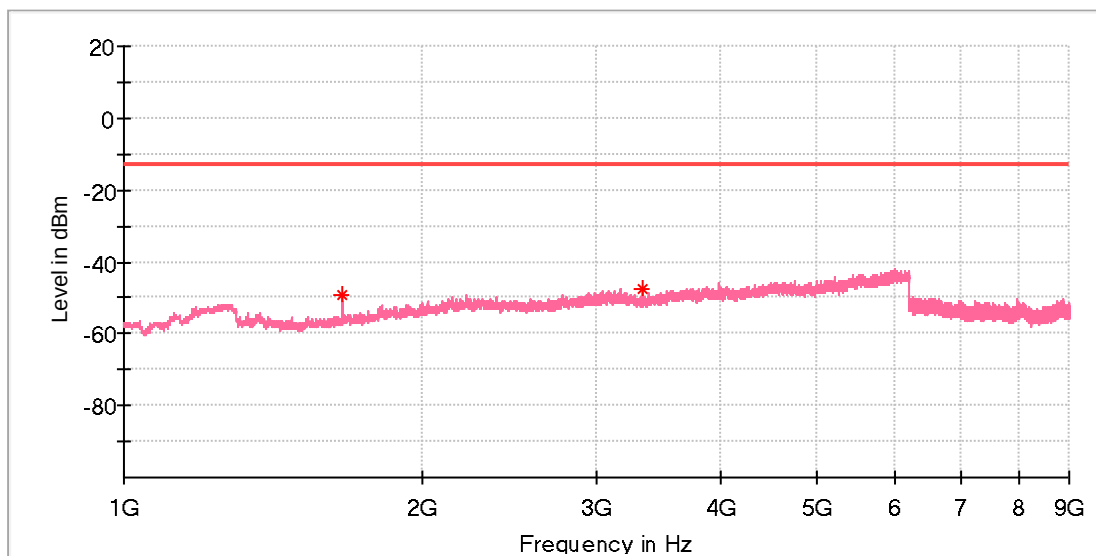
Final Result

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:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_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)
1658.000000	-49.42	---	-13.00	36.42	100.0	V	43.0	-92.3
3345.000000	-47.54	---	-13.00	34.54	100.0	V	238.0	-87.3

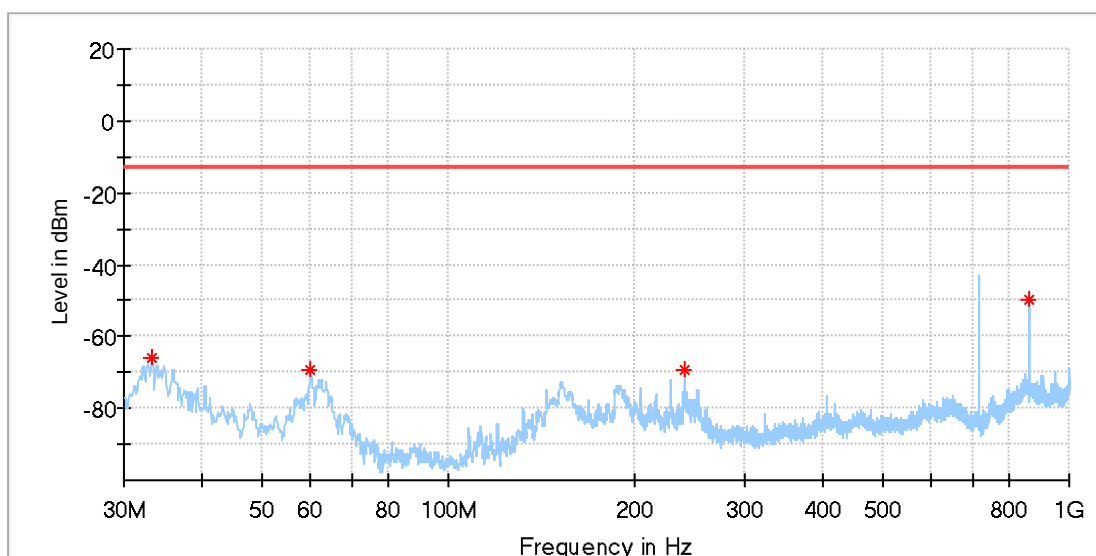
Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Band 12

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_3.75kHz_BPSK 1@0_High
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**

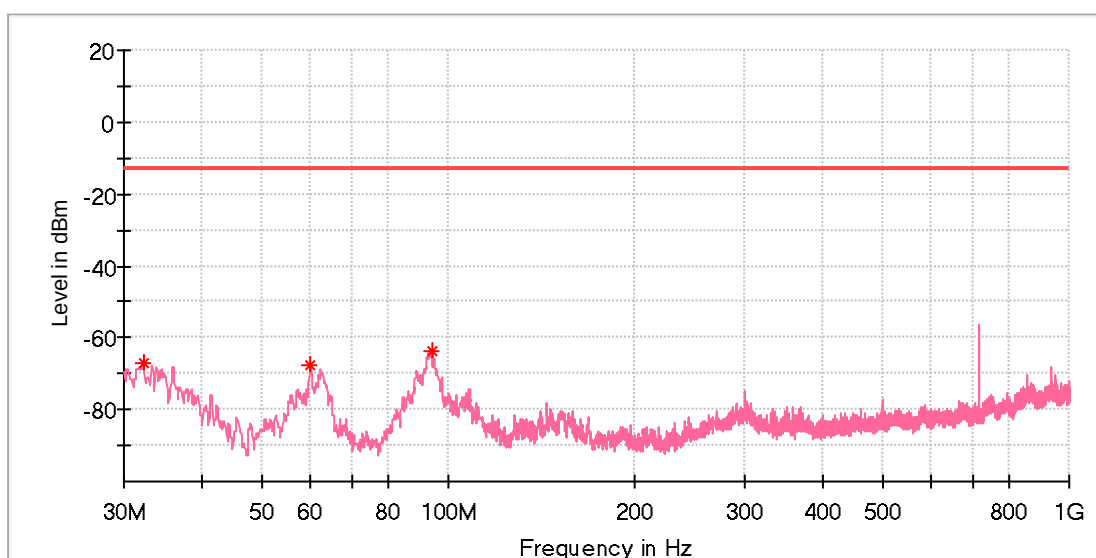
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.395000	-65.95	---	-13.00	52.95	100.0	H	181.0	-117.4
59.827500	-69.48	---	-13.00	56.48	100.0	H	288.0	-116.6
240.005000	-69.19	---	-13.00	56.19	100.0	H	226.0	-110.5
862.987500	-49.82	---	-13.00	36.82	100.0	H	189.0	-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_3.75kHz_BPSK 1@0_High
 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

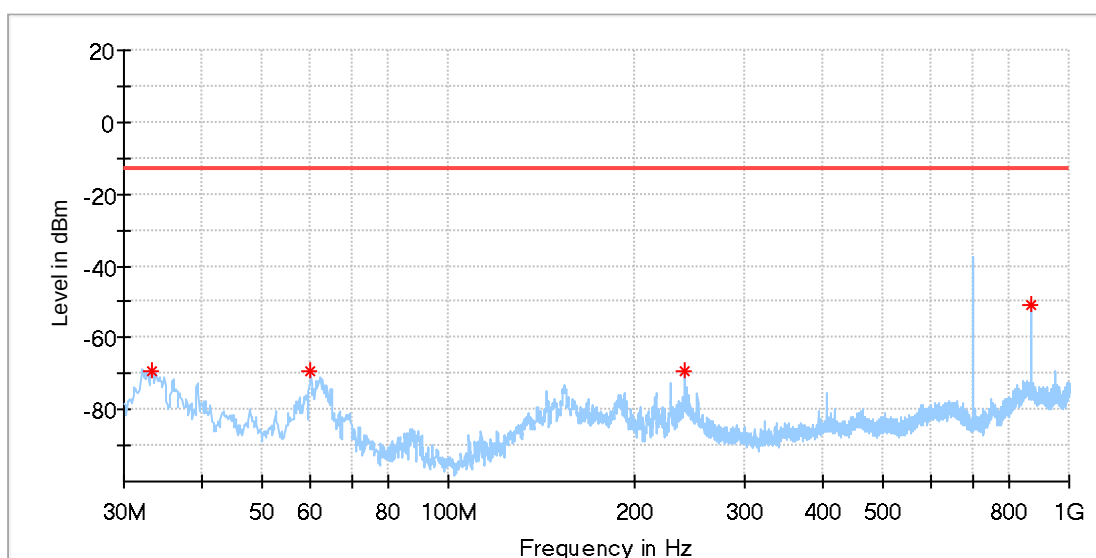
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.303750	-66.81	---	-13.00	53.81	100.0	V	18.0	-128.7
59.948750	-67.85	---	-13.00	54.85	100.0	V	273.0	-120.4
94.020000	-63.69	---	-13.00	50.69	100.0	V	348.0	-100.0

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_3.75kHz_BPSK 1@0_Low
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

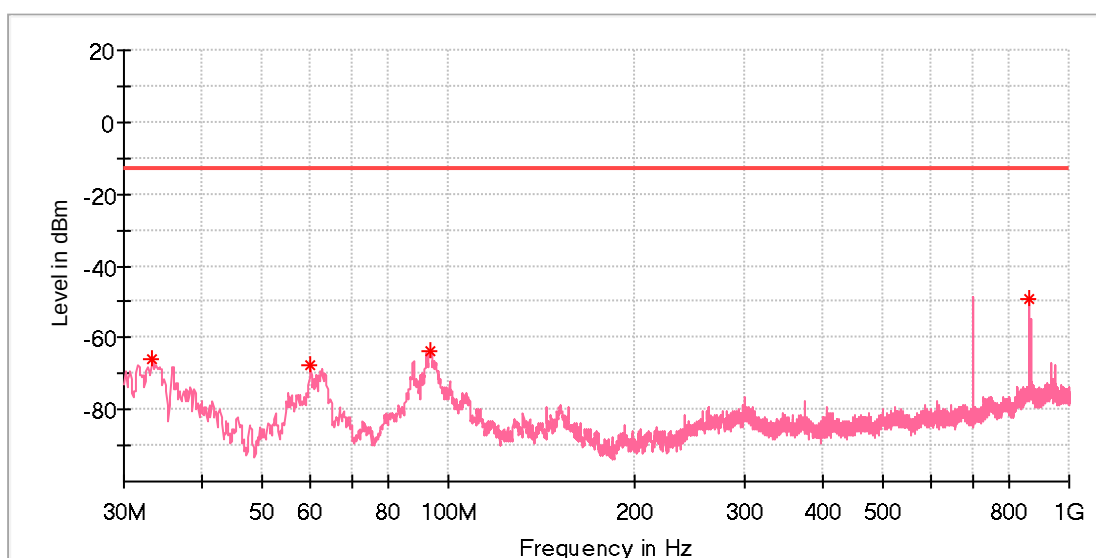
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.273750	-69.48	---	-13.00	56.48	100.0	H	195.0	-117.4
59.827500	-69.07	---	-13.00	56.07	100.0	H	353.0	-116.6
240.126250	-69.08	---	-13.00	56.08	100.0	H	247.0	-110.5
867.595000	-50.72	---	-13.00	37.72	100.0	H	148.0	-100.3

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_3.75kHz_BPSK 1@0_Low
 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

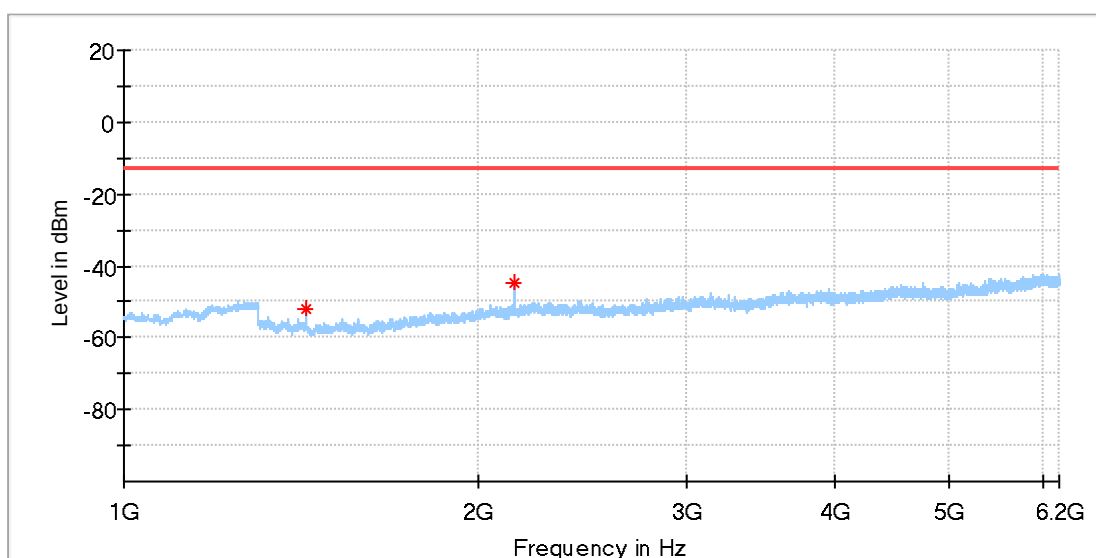
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.395000	-66.20	---	-13.00	53.20	100.0	V	198.0	-129.5
59.948750	-67.89	---	-13.00	54.89	100.0	V	262.0	-120.4
93.171250	-63.78	---	-13.00	50.78	100.0	V	166.0	-101.8
863.472500	-48.97	---	-13.00	35.97	100.0	V	173.0	-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_3.75kHz_QPSK 1@0_High
 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

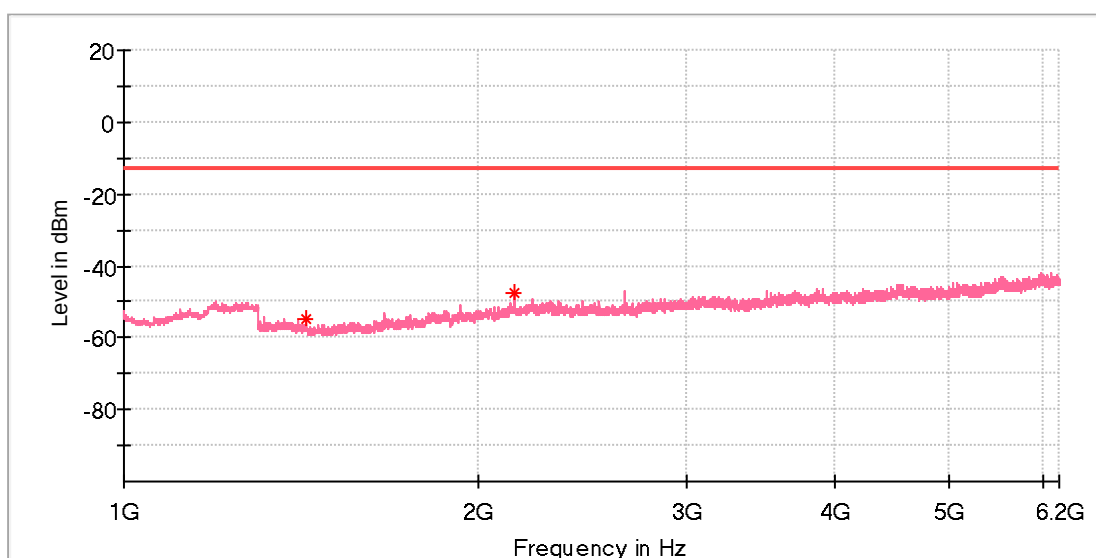
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1426.500000	-52.22	---	-13.00	39.22	100.0	H	235.0	-93.2
2140.000000	-44.83	---	-13.00	31.83	100.0	H	24.0	-88.4

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_High
 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

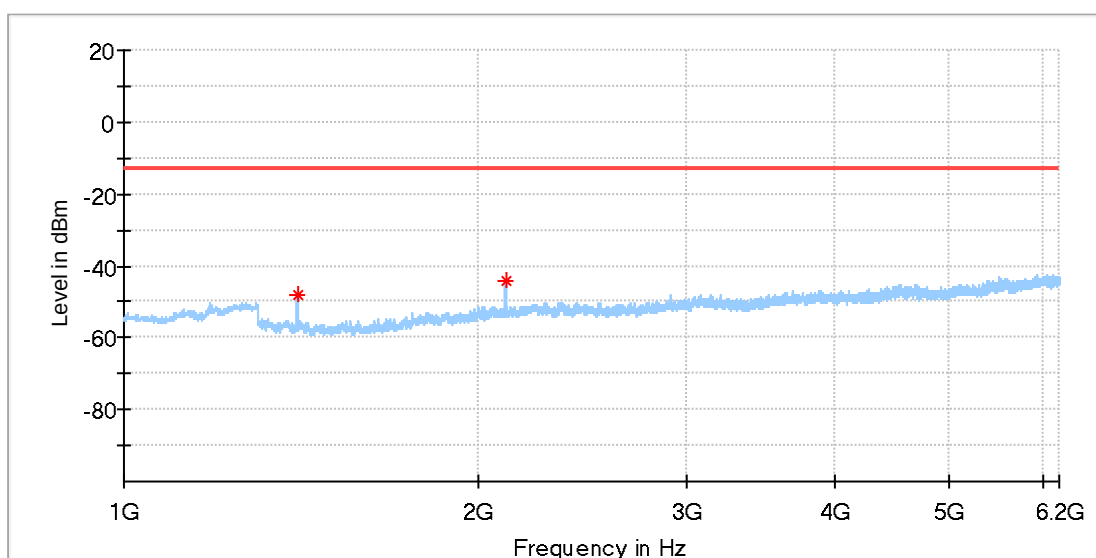
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1426.500000	-54.92	---	-13.00	41.92	100.0	V	47.0	-93.4
2140.000000	-47.46	---	-13.00	34.46	100.0	V	108.0	-87.9

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_3.75kHz_QPSK 1@0_Low
 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

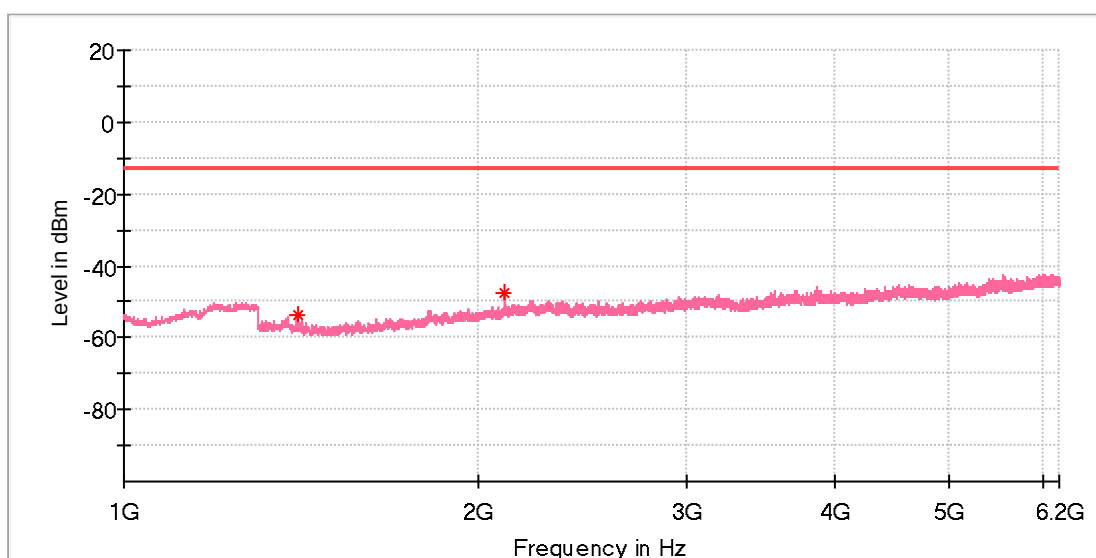
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1402.500000	-48.26	---	-13.00	35.26	100.0	H	236.0	-92.9
2105.000000	-43.95	---	-13.00	30.95	100.0	H	65.0	-89.0

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_3.75kHz_QPSK 1@0_Low
 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

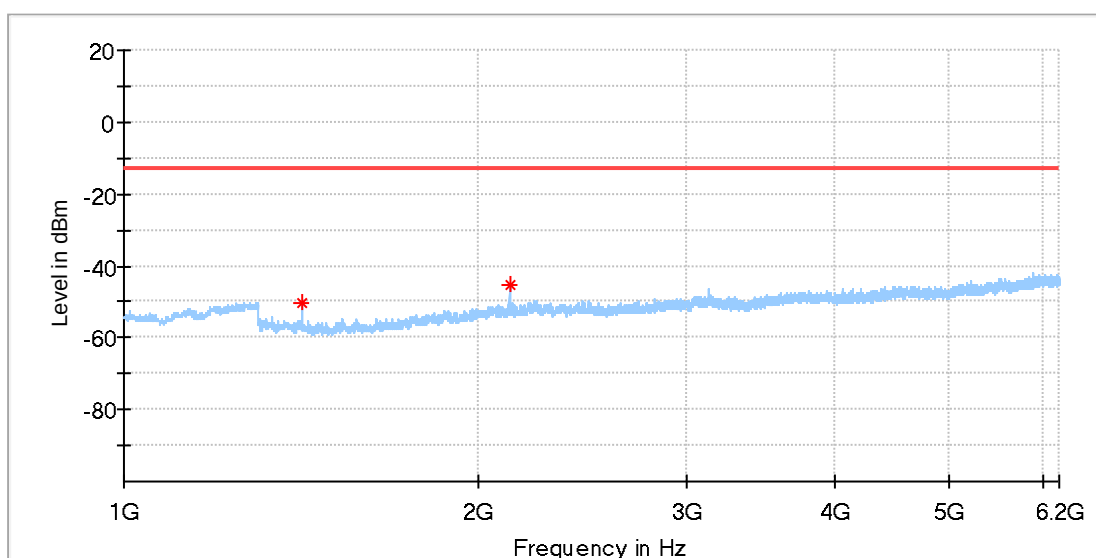
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1402.500000	-53.45	---	-13.00	40.45	100.0	V	79.0	-92.7
2104.000000	-47.52	---	-13.00	34.52	100.0	V	65.0	-88.6

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_Mid
 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

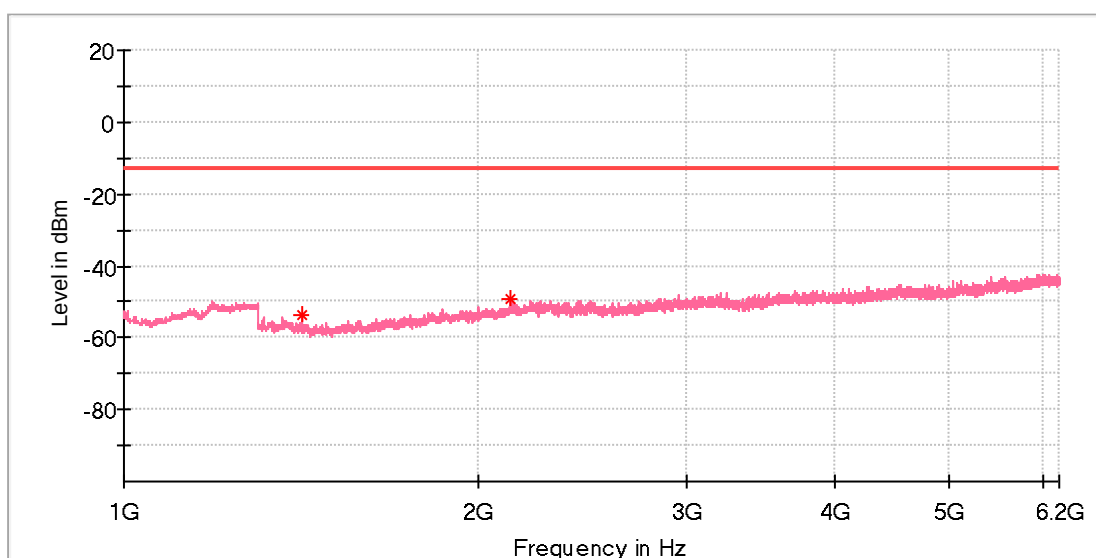
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-50.50	---	-13.00	37.50	100.0	H	242.0	-92.5
2122.000000	-45.05	---	-13.00	32.05	100.0	H	21.0	-88.5

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_Mid
 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)
1415.000000	-53.81	---	-13.00	40.81	100.0	V	66.0	-92.9
2122.000000	-49.02	---	-13.00	36.02	100.0	V	107.0	-88.0

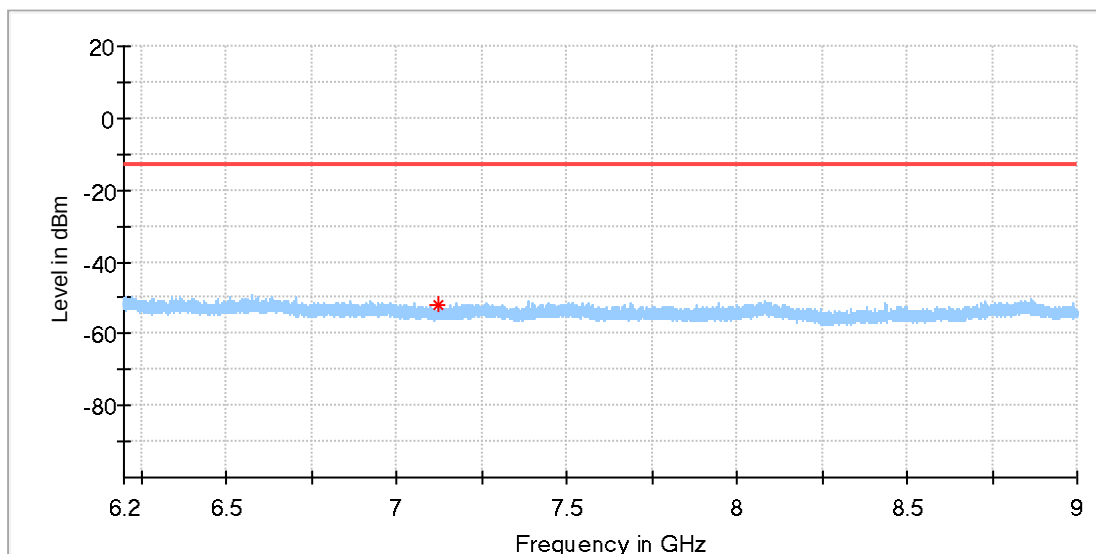
Final Result

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_3.75kHz_QPSK 1@0_High
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

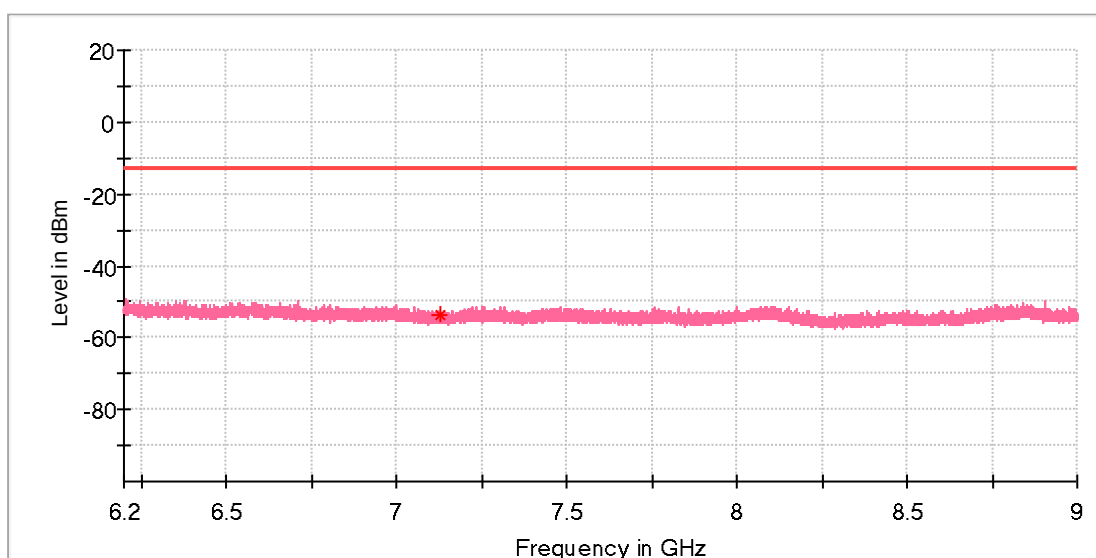
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
7125.516667	-52.12	---	-13.00	39.12	100.0	H	254.0	-87.6

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_3.75kHz_QPSK 1@0_High
 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

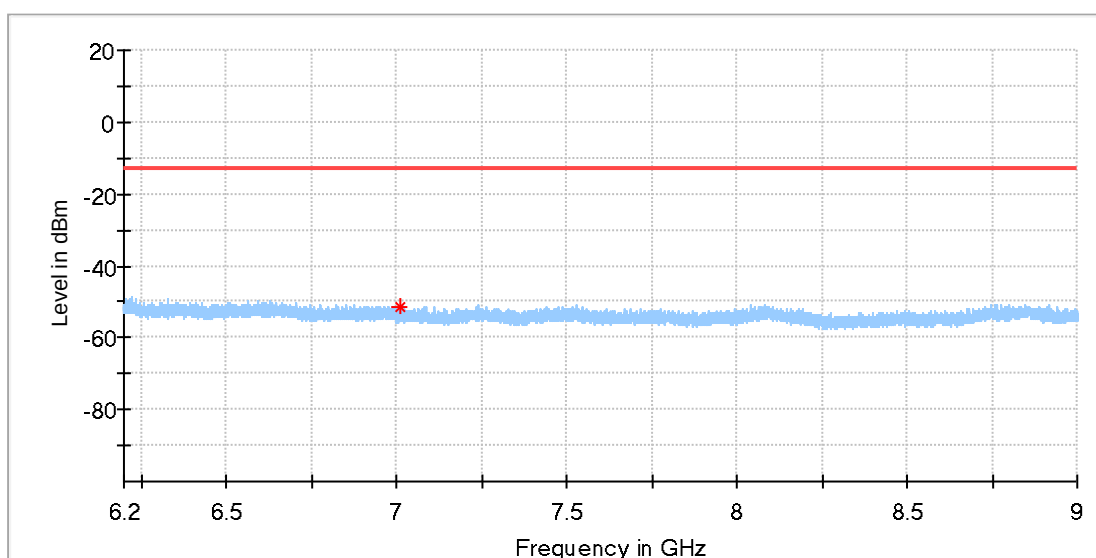
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
7131.233333	-53.49	---	-13.00	40.49	100.0	V	49.0	-87.7

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_3.75kHz_QPSK 1@0_Low
 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

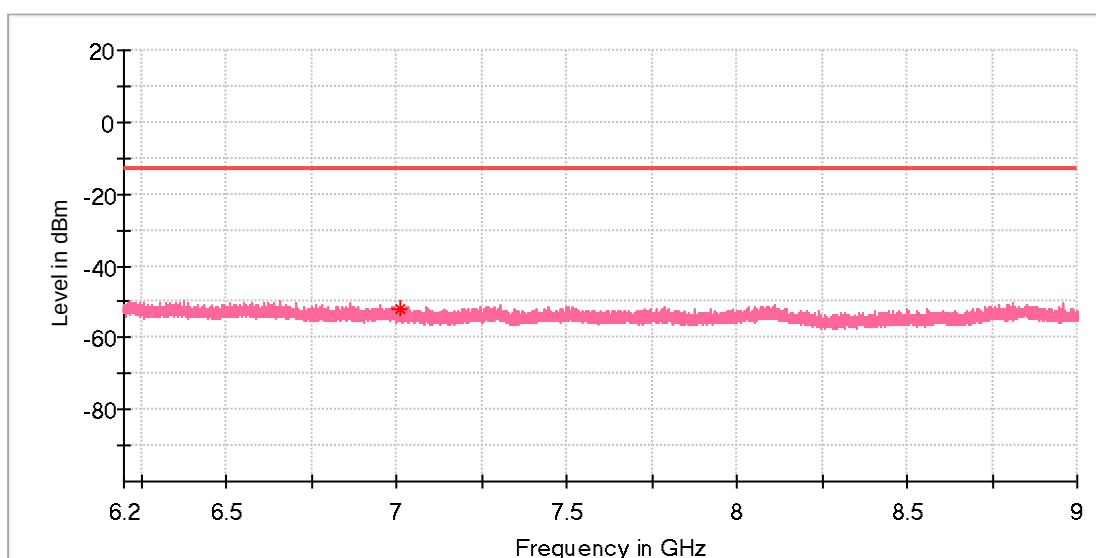
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
7011.066667	-51.47	---	-13.00	38.47	100.0	H	104.0	-88.2

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_3.75kHz_QPSK 1@0_Low
 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)
7012.933333	-51.94	---	-13.00	38.94	100.0	V	176.0	-88.1

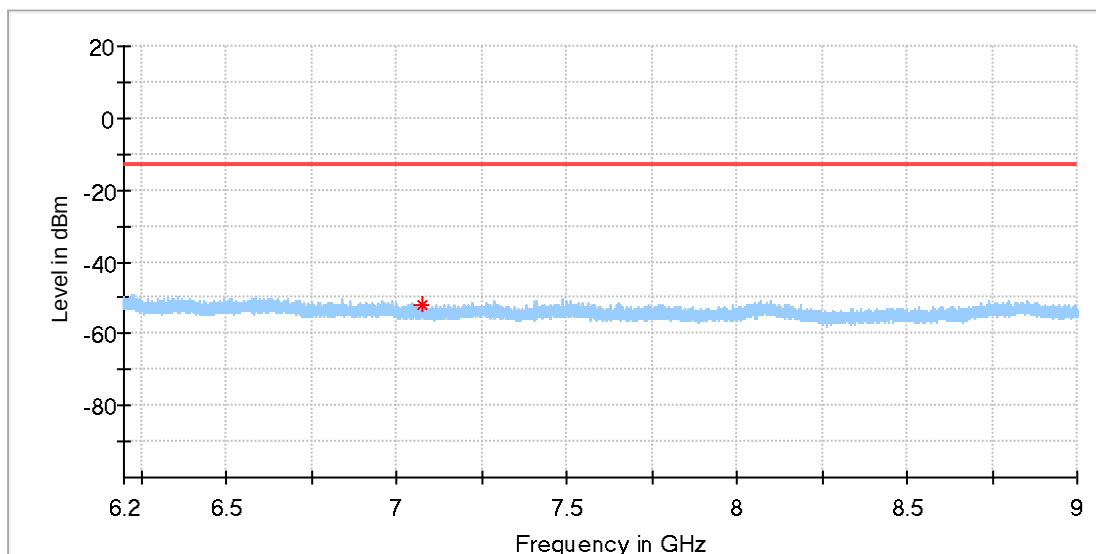
Final Result

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_3.75kHz_QPSK 1@0_Mid
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)
7075.233333	-51.92	---	-13.00	38.92	100.0	H	204.0	-87.8

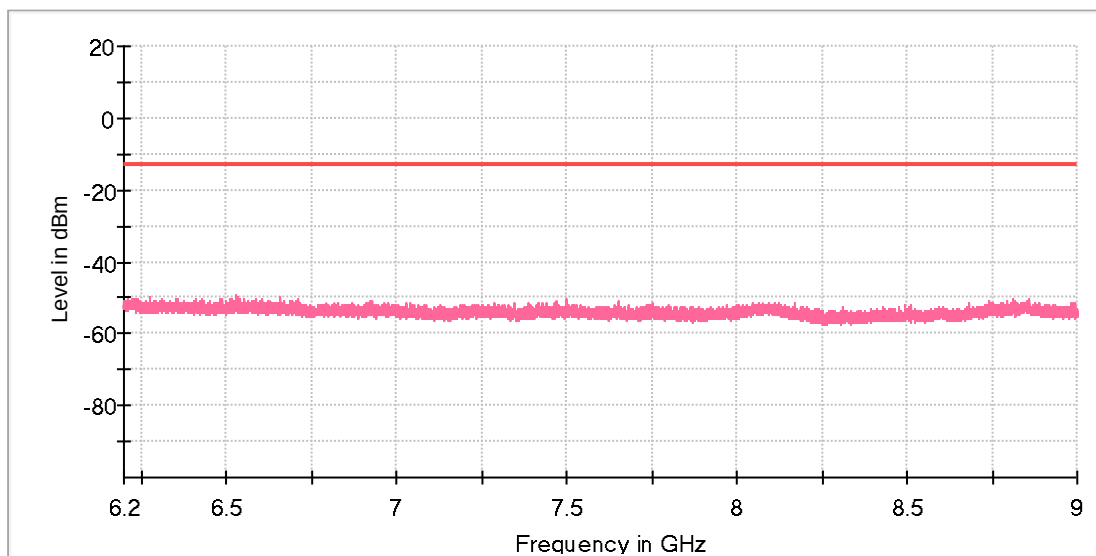
Final Result

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_3.75kHz_QPSK 1@0_Mid
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

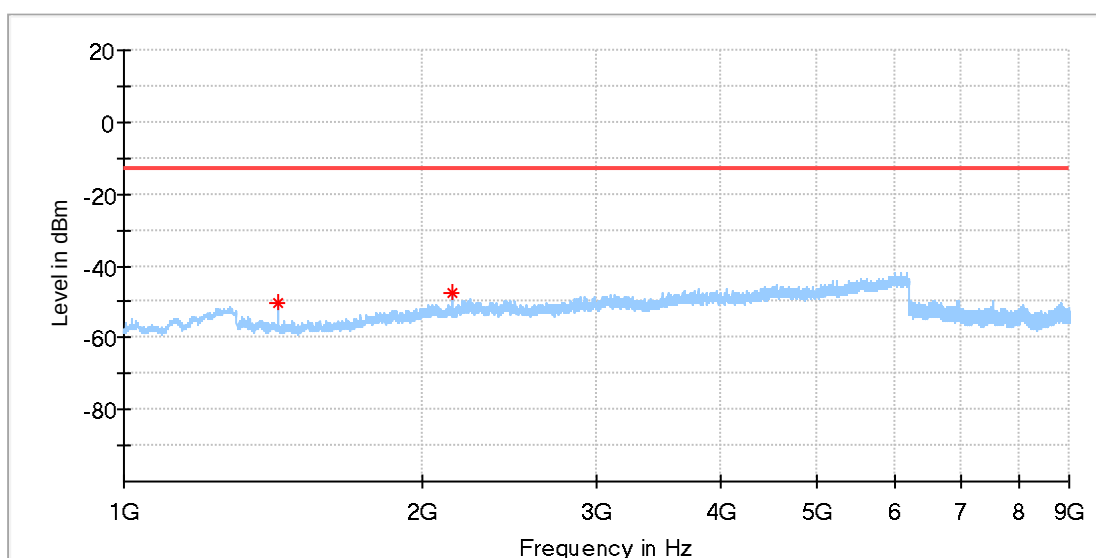
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---		---	---

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_15kHz_QPSK 1@0_High
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

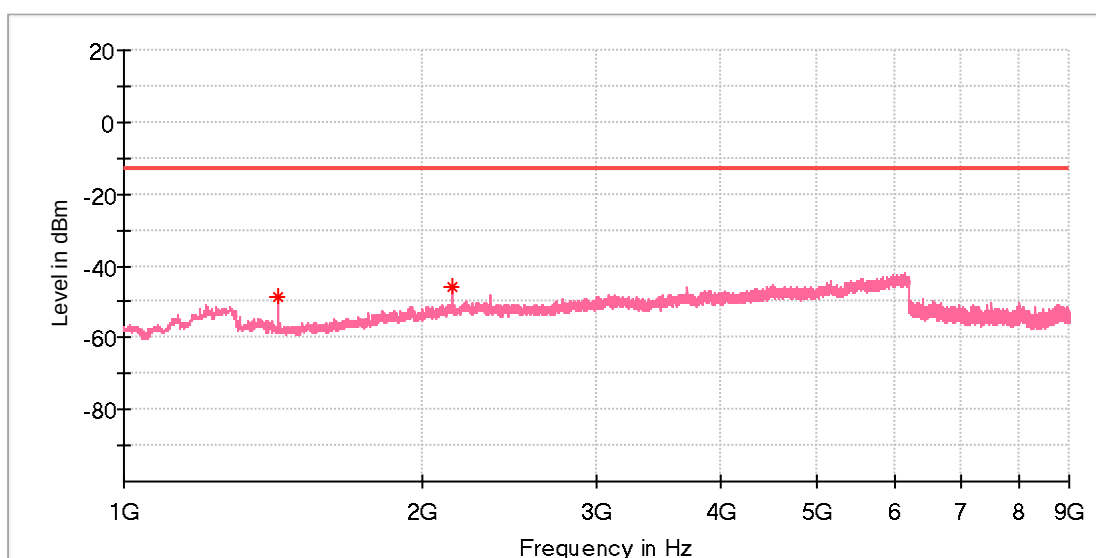
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1431.500000	-50.17	---	-13.00	37.17	100.0	H	205.0	-93.5
2147.500000	-47.66	---	-13.00	34.66	100.0	H	225.0	-88.6

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_15kHz_QPSK 1@0_High
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)
1431.000000	-48.38	---	-13.00	35.38	100.0	V	211.0	-93.6
2147.000000	-45.88	---	-13.00	32.88	100.0	V	260.0	-88.0

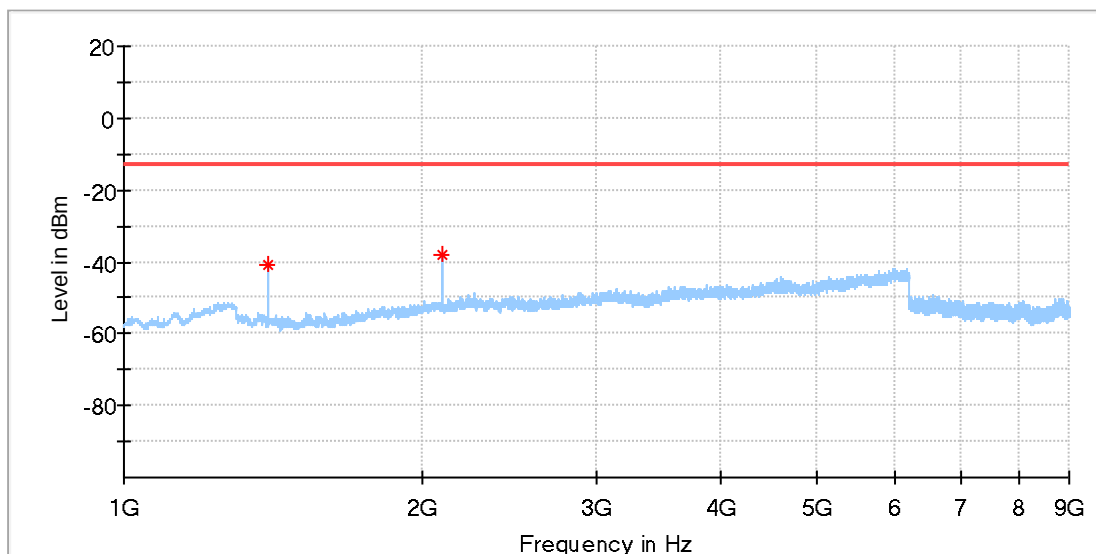
Final Result

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:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_Low
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

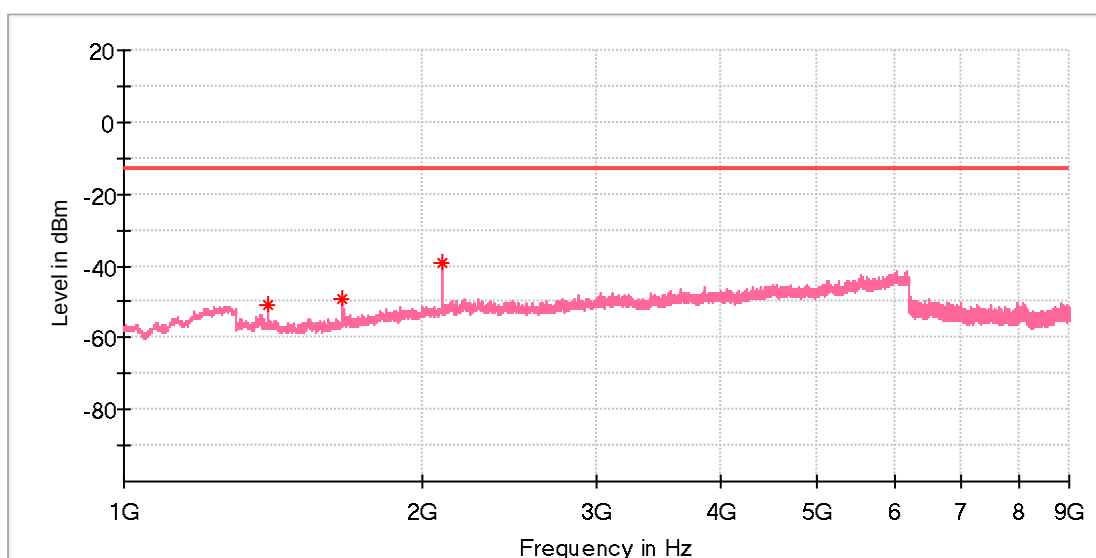
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1398.000000	-40.74	---	-13.00	27.74	100.0	H	150.0	-93.0
2097.000000	-37.81	---	-13.00	24.81	100.0	H	282.0	-88.8

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_Low
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

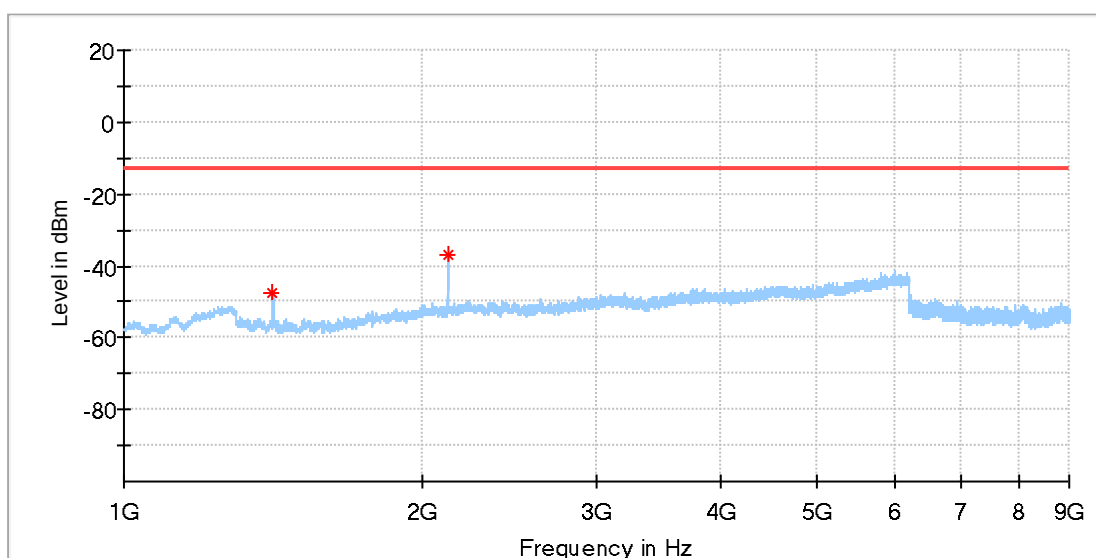
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1397.500000	-50.81	---	-13.00	37.81	100.0	V	190.0	-92.9
1663.500000	-49.15	---	-13.00	36.15	100.0	V	51.0	-92.2
2097.000000	-39.34	---	-13.00	26.34	100.0	V	239.0	-88.6

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_15kHz_QPSK 1@0_Mid
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

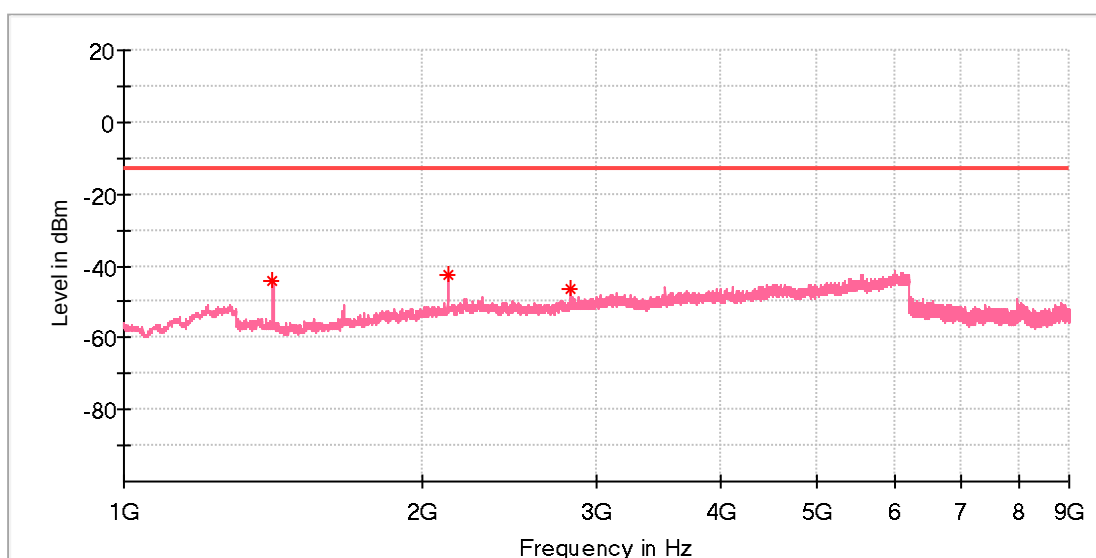
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1414.500000	-47.53	---	-13.00	34.53	100.0	H	158.0	-92.5
2122.000000	-36.97	---	-13.00	23.97	100.0	H	269.0	-88.5

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_15kHz_QPSK 1@0_Mid
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)
1414.500000	-44.05	---	-13.00	31.05	100.0	V	197.0	-92.9
2122.000000	-42.39	---	-13.00	29.39	100.0	V	155.0	-88.0
2828.000000	-46.34	---	-13.00	33.34	100.0	V	72.0	-87.4

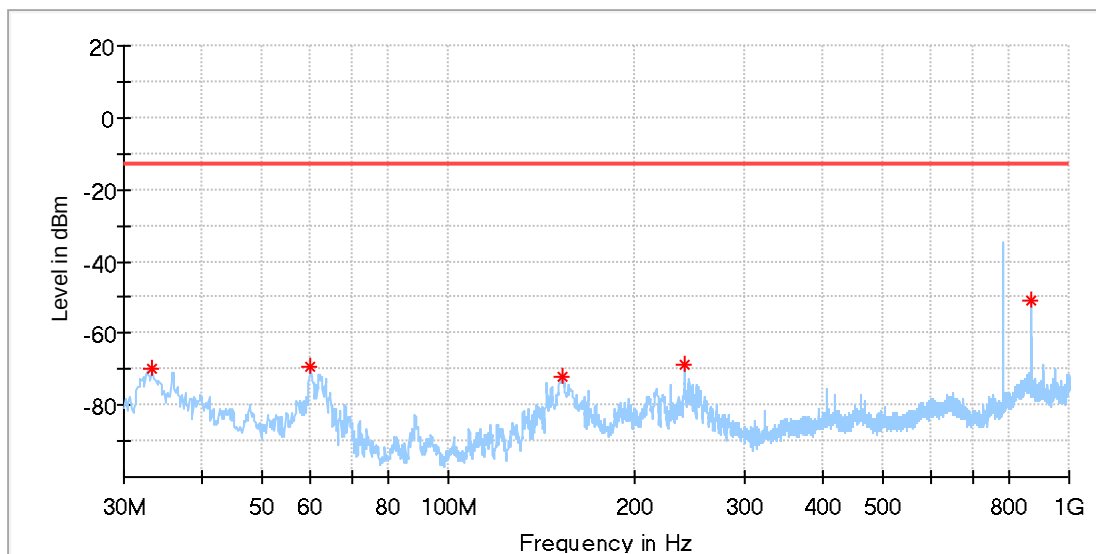
Final_Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Band 13

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_3.75kHz_BPSK 1@0_High
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**

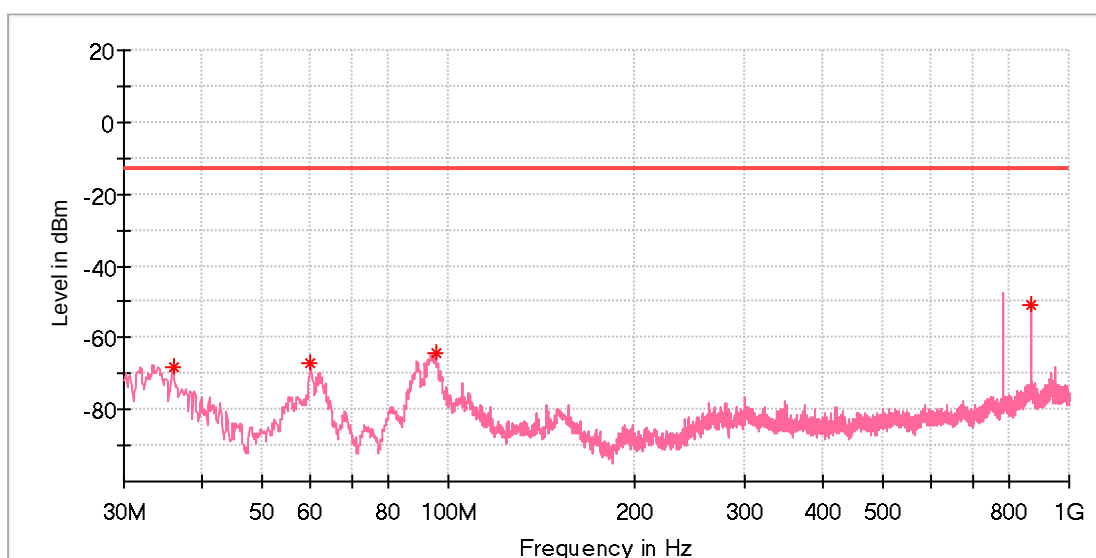
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.395000	-69.96	---	-13.00	56.96	100.0	H	215.0	-117.4
59.827500	-69.51	---	-13.00	56.51	100.0	H	296.0	-116.6
153.068750	-72.25	---	-13.00	59.25	100.0	H	267.0	-123.3
239.883750	-68.55	---	-13.00	55.55	100.0	H	237.0	-110.5
865.412500	-51.04	---	-13.00	38.04	100.0	H	185.0	-100.1

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_3.75kHz_BPSK 1@0_High
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

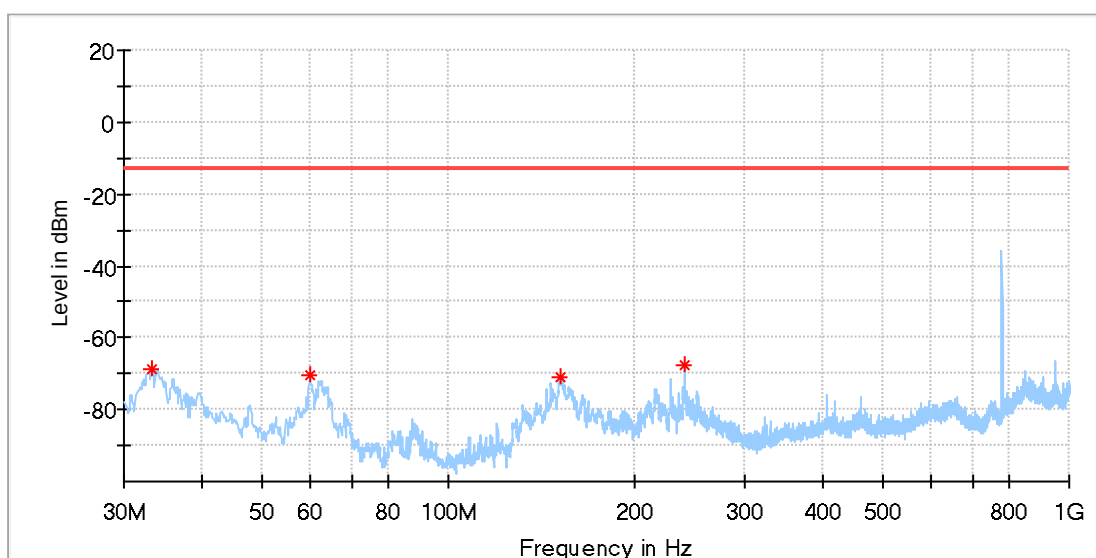
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.062500	-68.24	---	-13.00	55.24	100.0	V	219.0	-125.8
59.948750	-67.15	---	-13.00	54.15	100.0	V	286.0	-120.4
95.475000	-64.29	---	-13.00	51.29	100.0	V	279.0	-100.4
865.655000	-51.07	---	-13.00	38.07	100.0	V	330.0	-99.5

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:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_3.75kHz_BPSK 1@0_Low
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

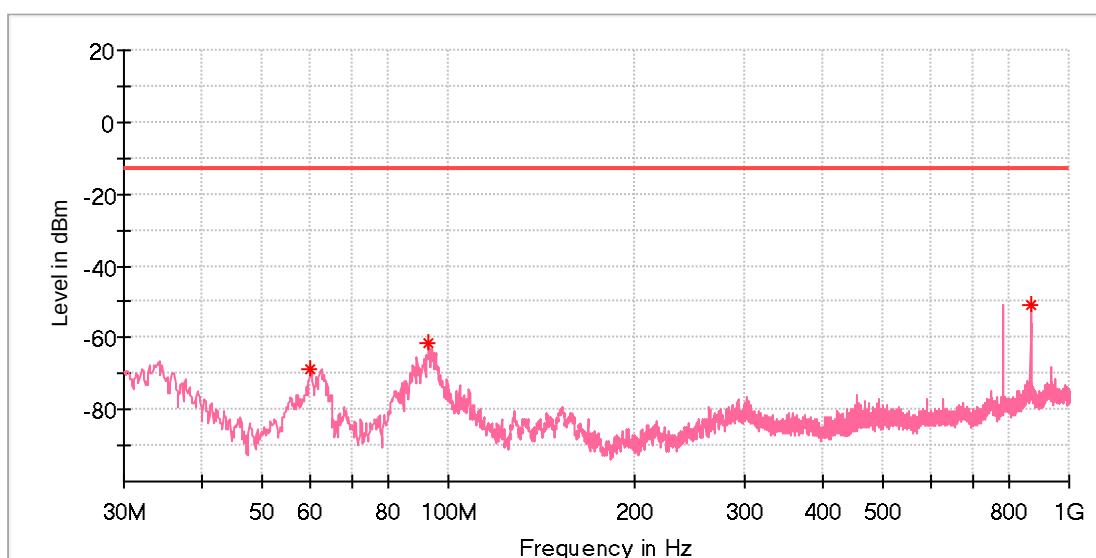
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.395000	-68.49	---	-13.00	55.49	100.0	H	181.0	-117.4
59.827500	-70.52	---	-13.00	57.52	100.0	H	301.0	-116.6
151.613750	-71.16	---	-13.00	58.16	100.0	H	257.0	-123.4
239.883750	-67.86	---	-13.00	54.86	100.0	H	242.0	-110.5

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: Quarterback Gateway
Model: T11012860
Test Mode: TX_3.75kHz_BPSK 1@0_Low
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

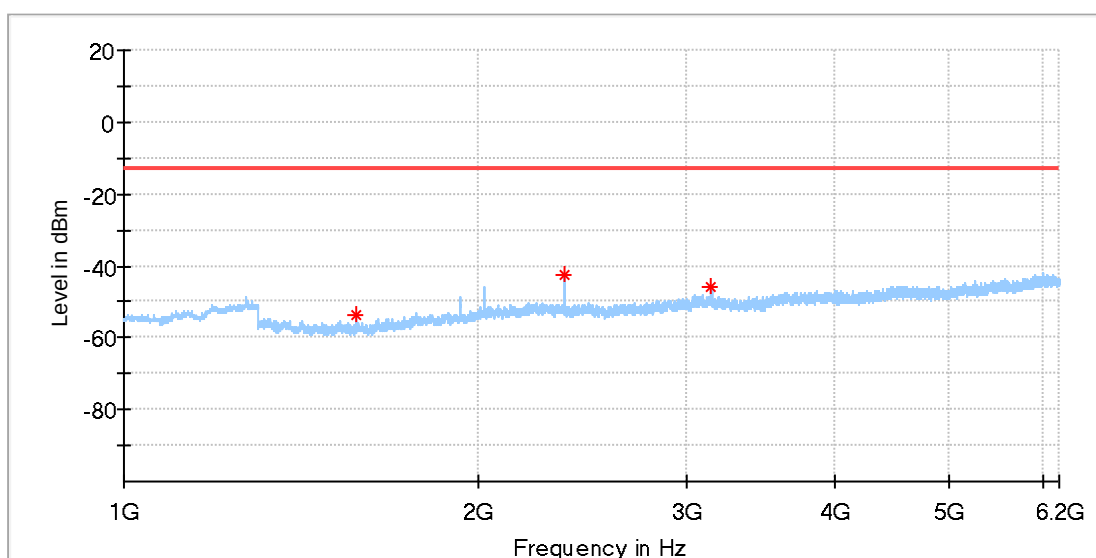
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.948750	-68.50	---	-13.00	55.50	100.0	V	288.0	-120.4
92.807500	-61.72	---	-13.00	48.72	100.0	V	7.0	-103.0
865.291250	-50.89	---	-13.00	37.89	100.0	V	266.0	-99.6

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_3.75kHz_QPSK 1@0_High
 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

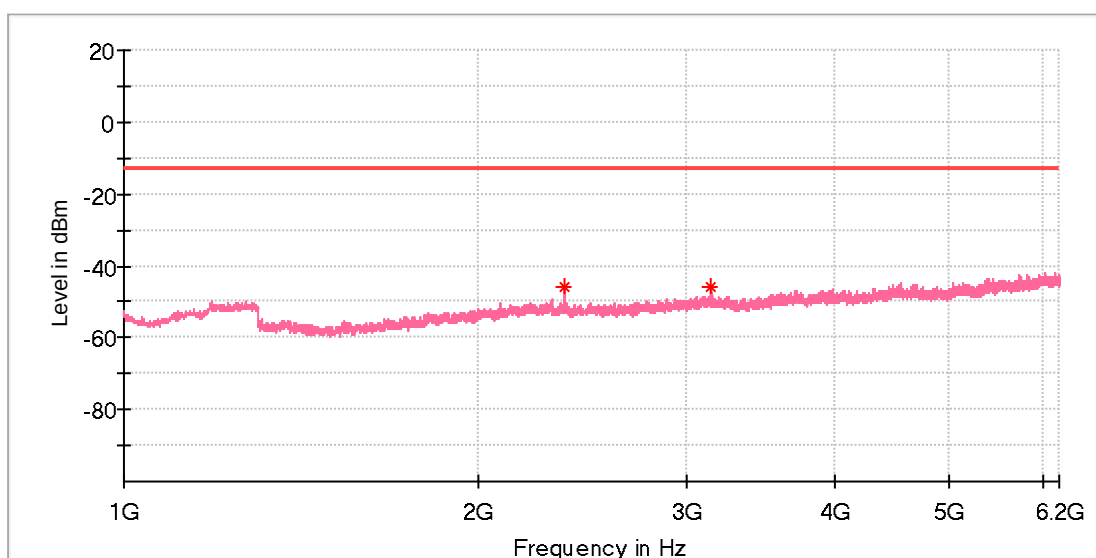
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1573.500000	-53.54	---	-13.00	40.54	100.0	H	15.0	-93.0
2360.500000	-42.66	---	-13.00	29.66	100.0	H	51.0	-87.6
3147.000000	-45.67	---	-13.00	32.67	100.0	H	349.0	-86.0

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_3.75kHz_QPSK 1@0_High
 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

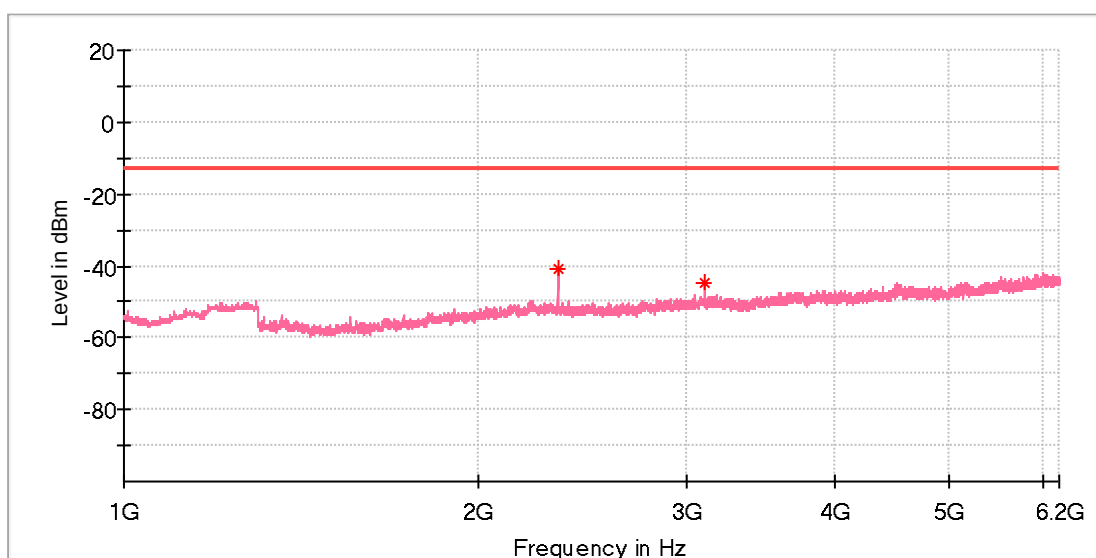
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2360.500000	-45.67	---	-13.00	32.67	100.0	V	92.0	-87.7
3147.000000	-45.82	---	-13.00	32.82	100.0	V	278.0	-86.2

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_3.75kHz_QPSK 1@0_Low
 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

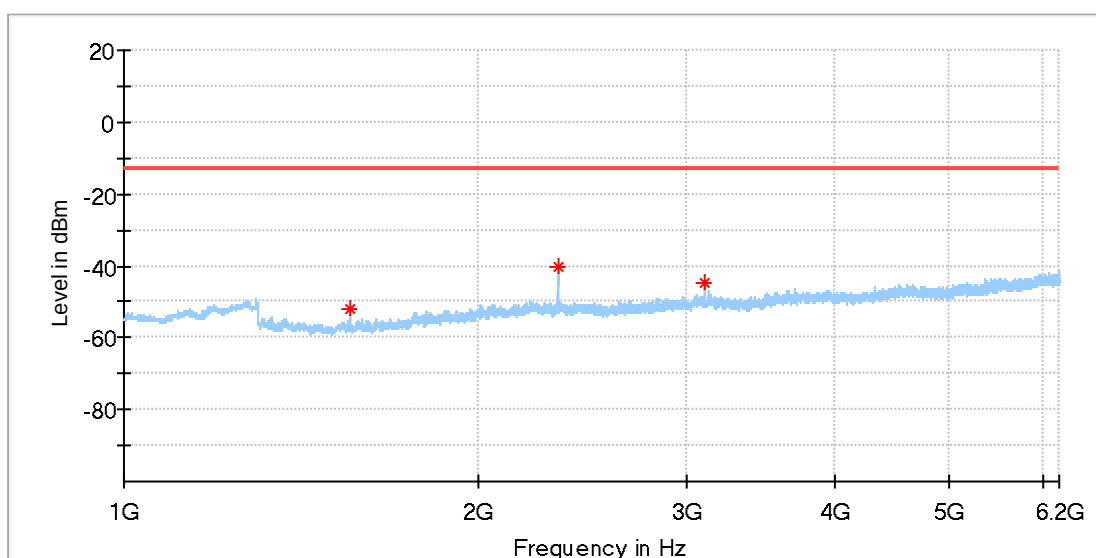
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2331.000000	-40.81	---	-13.00	27.81	100.0	V	97.0	-88.0
3108.000000	-44.62	---	-13.00	31.62	100.0	V	292.0	-86.3

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_Low
 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

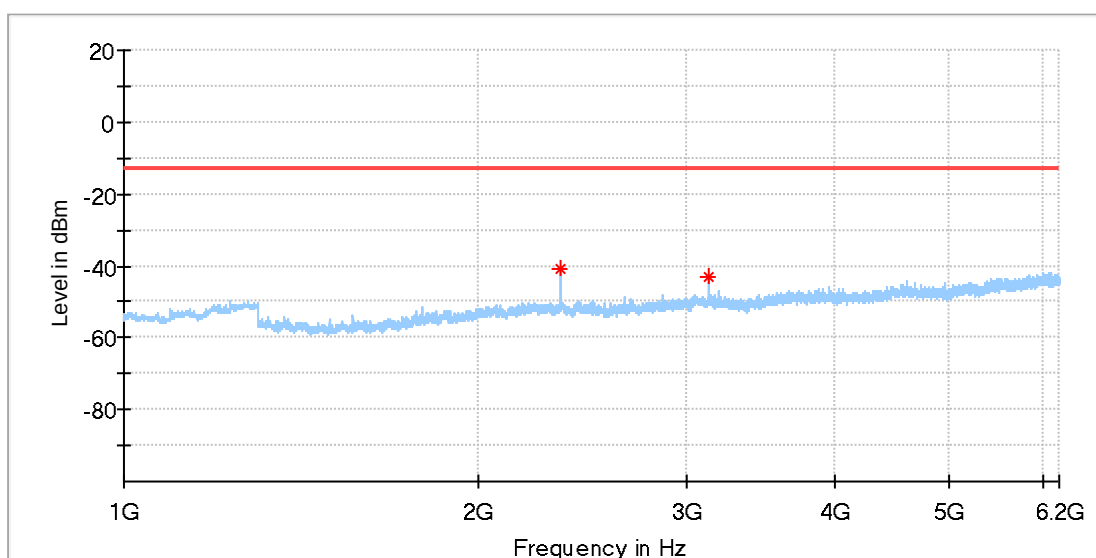
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.000000	-52.12	---	-13.00	39.12	100.0	H	0.0	-92.9
2330.500000	-40.09	---	-13.00	27.09	100.0	H	349.0	-87.7
3108.500000	-44.80	---	-13.00	31.80	100.0	H	349.0	-86.3

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_Mid
 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

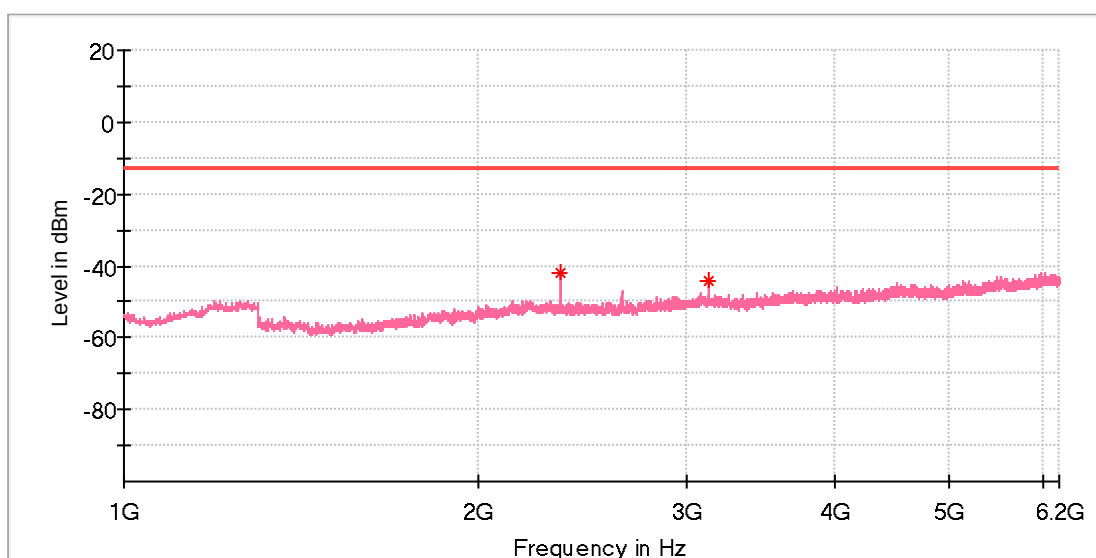
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2346.000000	-40.57	---	-13.00	27.57	100.0	H	348.0	-87.5
3127.500000	-43.25	---	-13.00	30.25	100.0	H	331.0	-86.0

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_3.75kHz_QPSK 1@0_Mid
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

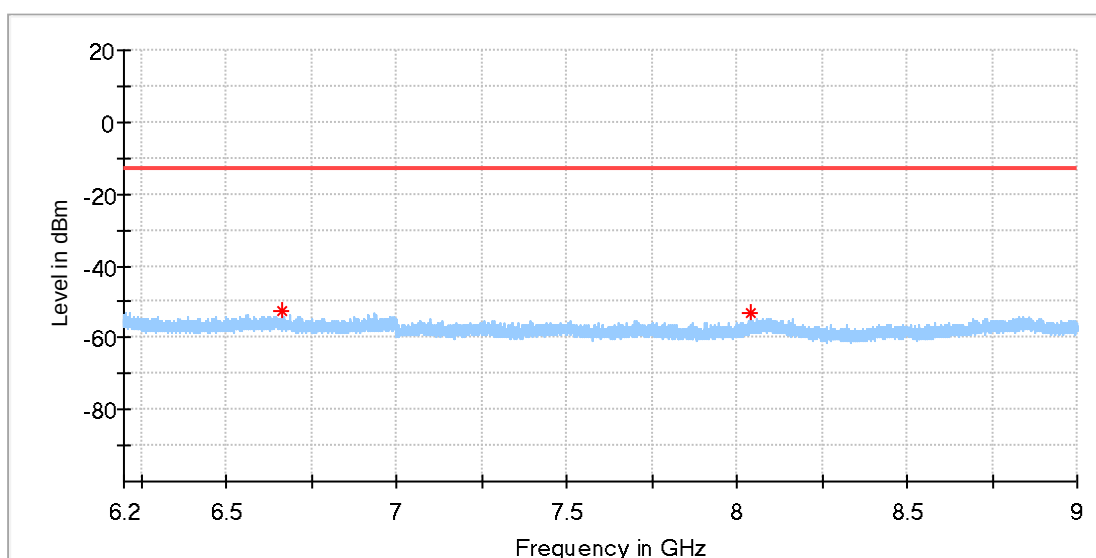
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2346.000000	-42.16	---	-13.00	29.16	100.0	V	281.0	-87.8
3127.500000	-44.41	---	-13.00	31.41	100.0	V	281.0	-86.2

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_3.75kHz_QPSK 1@0_High
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

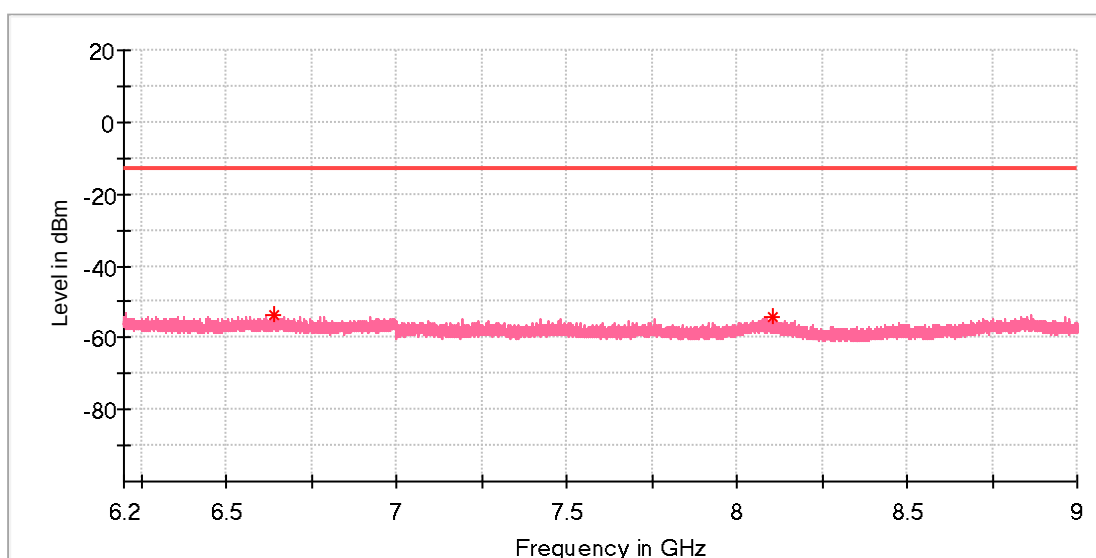
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6666.083333	-52.81	---	-13.00	39.81	100.0	H	355.0	-87.7
8041.233333	-53.21	---	-13.00	40.21	100.0	H	0.0	-87.1

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_3.75kHz_QPSK 1@0_High
 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

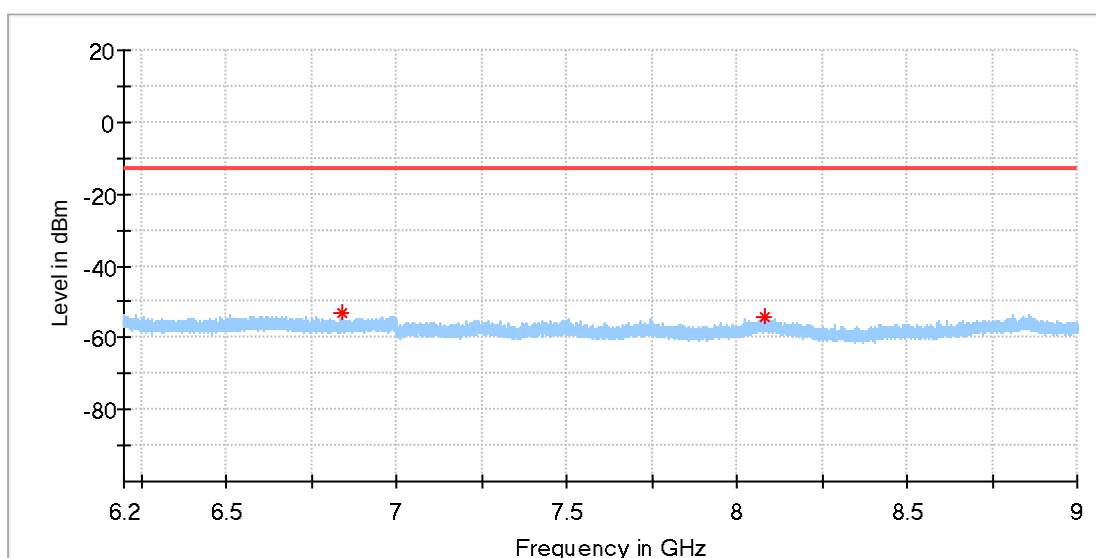
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6642.166667	-53.95	---	-13.00	40.95	100.0	V	0.0	-88.0
8105.983333	-54.32	---	-13.00	41.32	100.0	V	26.0	-86.8

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_3.75kHz_QPSK 1@0_Low
 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

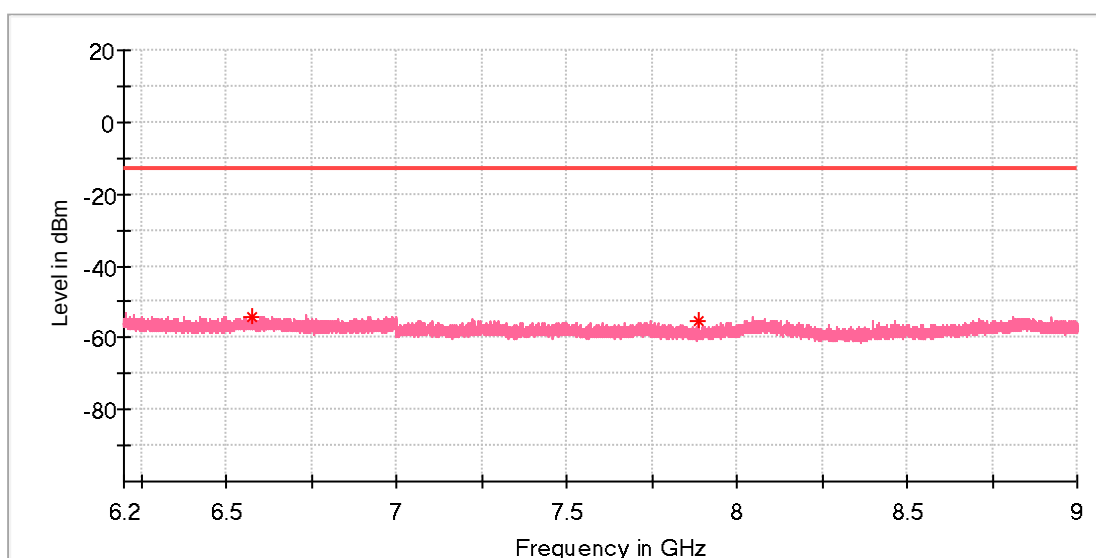
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6839.566667	-53.13	---	-13.00	40.13	100.0	H	259.0	-88.5
8083.583333	-54.10	---	-13.00	41.10	100.0	H	97.0	-86.6

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_3.75kHz_QPSK 1@0_Low
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

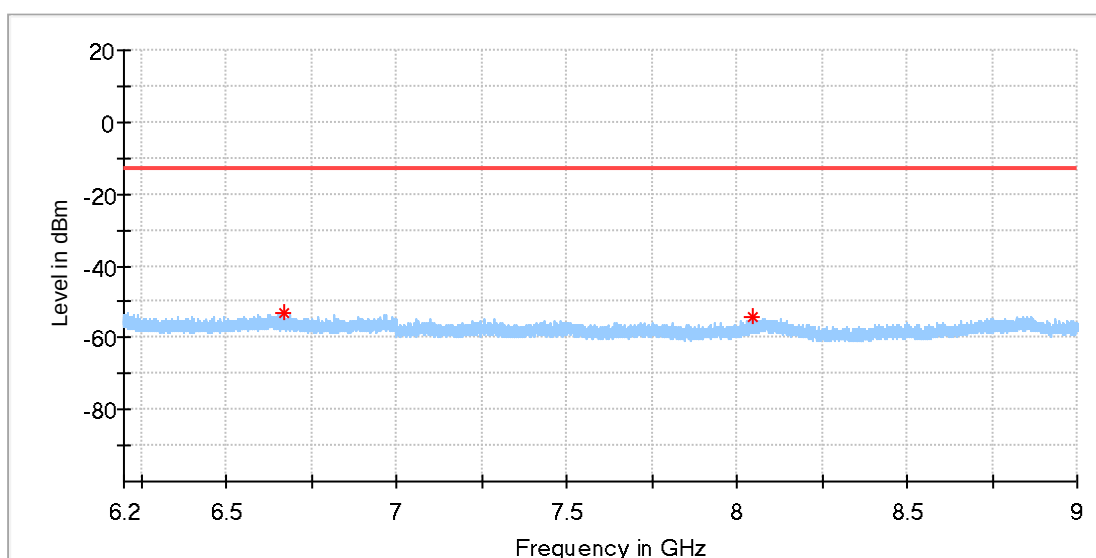
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6576.016667	-53.96	---	-13.00	40.96	100.0	V	0.0	-87.6
7888.516667	-55.25	---	-13.00	42.25	100.0	V	173.0	-87.6

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_3.75kHz_QPSK 1@0_Mid
 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

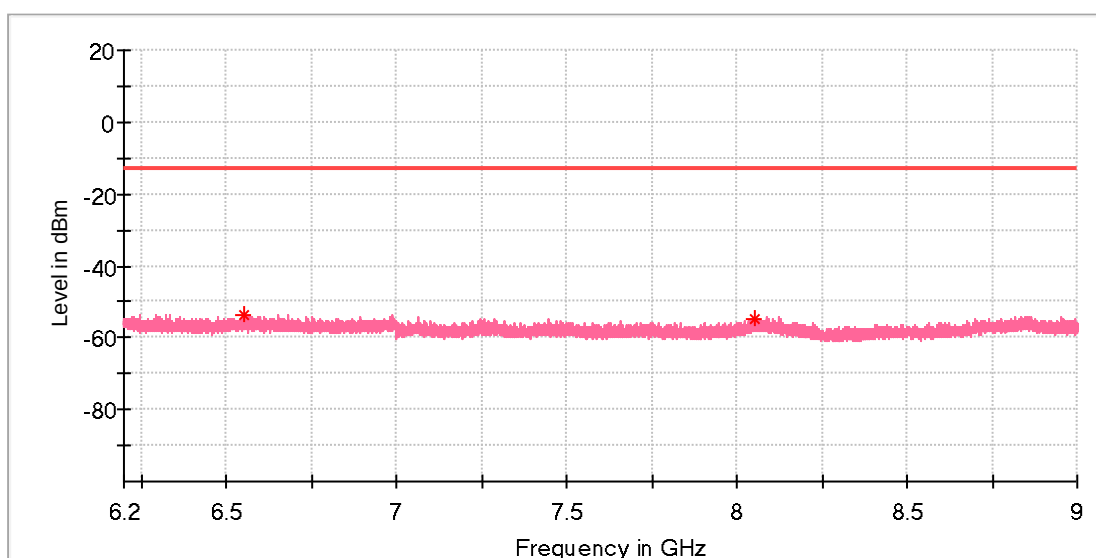
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6668.766667	-53.32	---	-13.00	40.32	100.0	H	148.0	-87.7
8045.550000	-54.22	---	-13.00	41.22	100.0	H	0.0	-87.0

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_3.75kHz_QPSK 1@0_Mid
 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

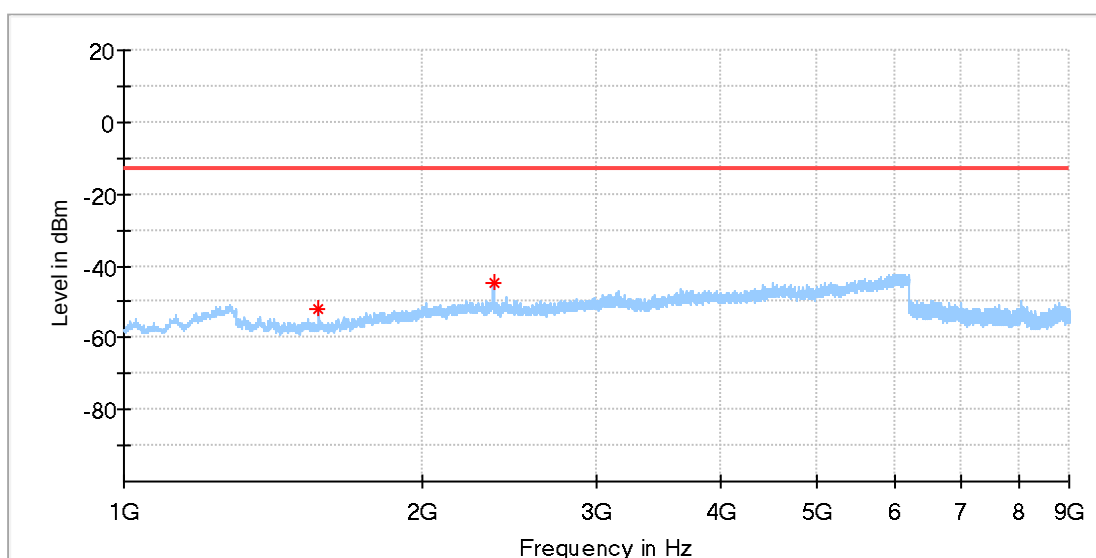
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6553.616667	-53.56	---	-13.00	40.56	100.0	V	278.0	-87.3
8053.483333	-54.51	---	-13.00	41.51	100.0	V	250.0	-86.8

Final Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_High
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

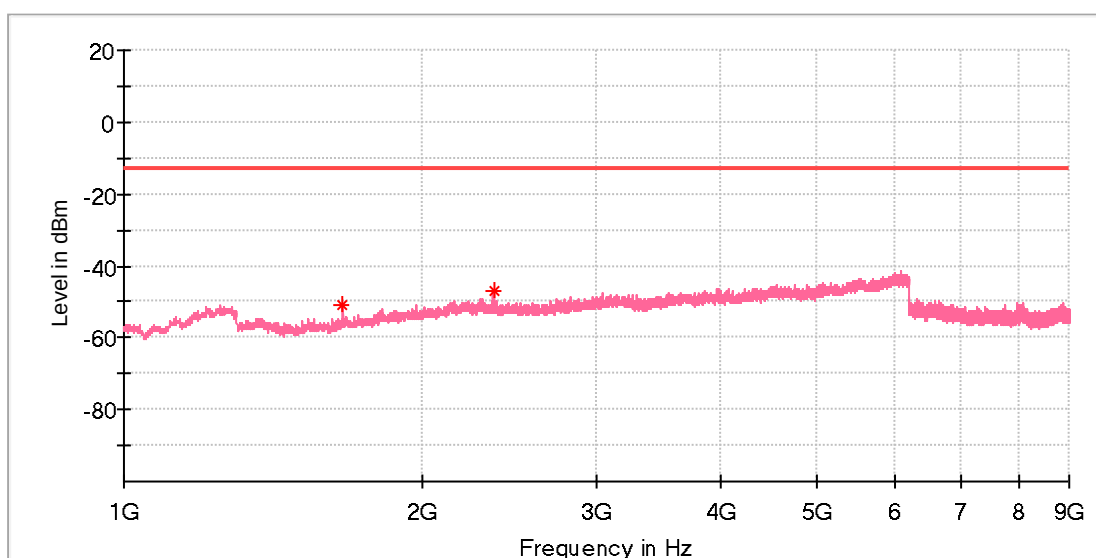
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1574.000000	-52.13	---	-13.00	39.13	100.0	H	275.0	-93.0
2360.500000	-44.71	---	-13.00	31.71	100.0	H	268.0	-87.6

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_15kHz_QPSK 1@0_High
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

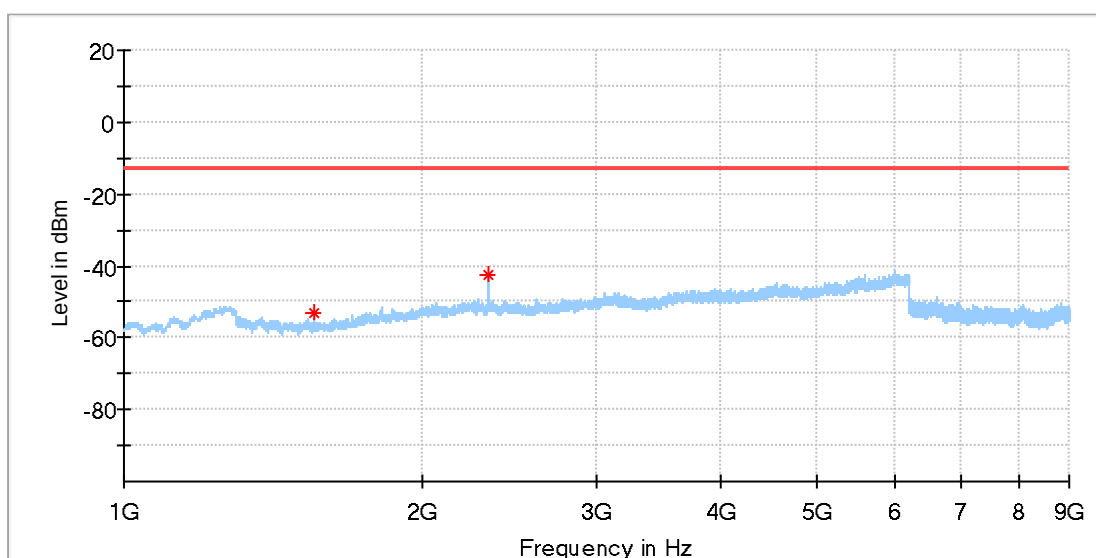
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1664.500000	-50.65	---	-13.00	37.65	100.0	V	78.0	-92.2
2360.500000	-46.78	---	-13.00	33.78	100.0	V	273.0	-87.7

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:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_Low
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)
1553.500000	-53.17	---	-13.00	40.17	100.0	H	260.0	-92.9
2331.000000	-42.28	---	-13.00	29.28	100.0	H	267.0	-87.7

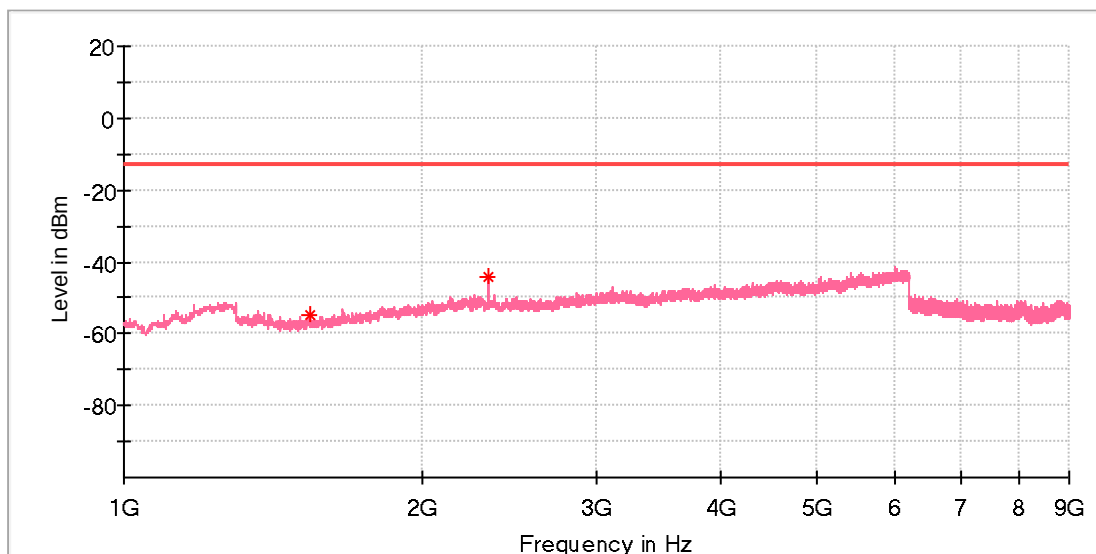
Final Result

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:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_Low
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

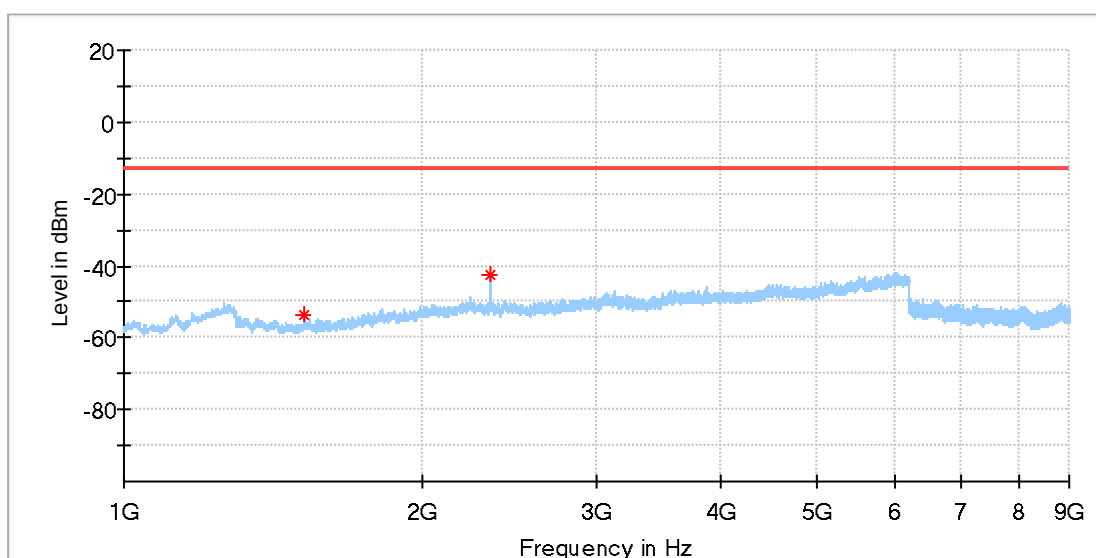
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1540.000000	-54.77	---	-13.00	41.77	100.0	V	329.0	-93.0
2331.000000	-44.29	---	-13.00	31.29	100.0	V	253.0	-88.0

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:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_Mid
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

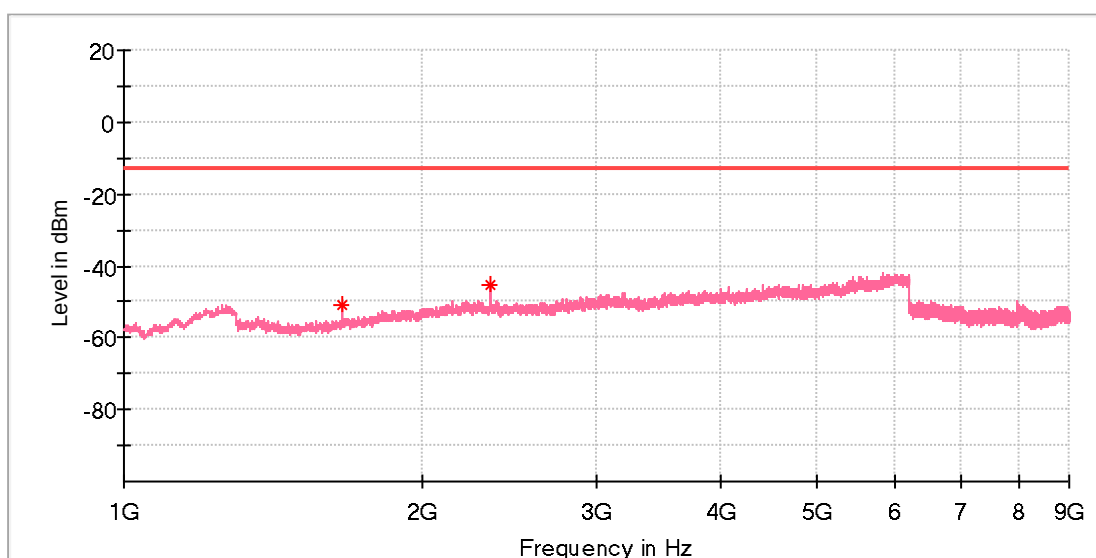
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1523.500000	-53.60	---	-13.00	40.60	100.0	H	137.0	-92.9
2345.500000	-42.41	---	-13.00	29.41	100.0	H	151.0	-87.5

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_15kHz_QPSK 1@0_Mid
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)
1660.000000	-51.11	---	-13.00	38.11	100.0	V	252.0	-92.3
2345.500000	-45.42	---	-13.00	32.42	100.0	V	252.0	-87.8

Final Result

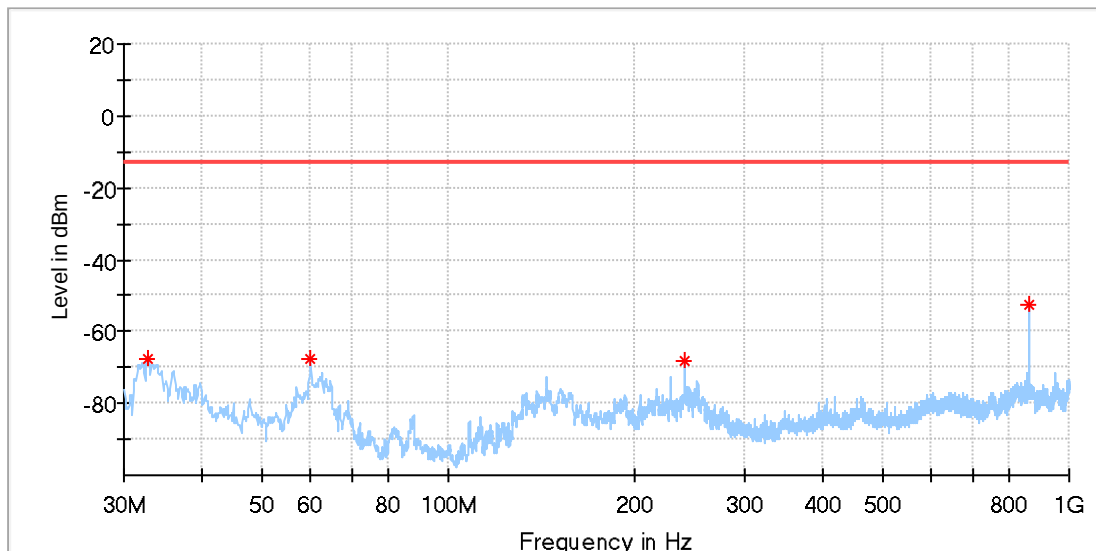
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Produkte
Products

Band 26 High

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_15kHz_BPSK 1@0_High
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

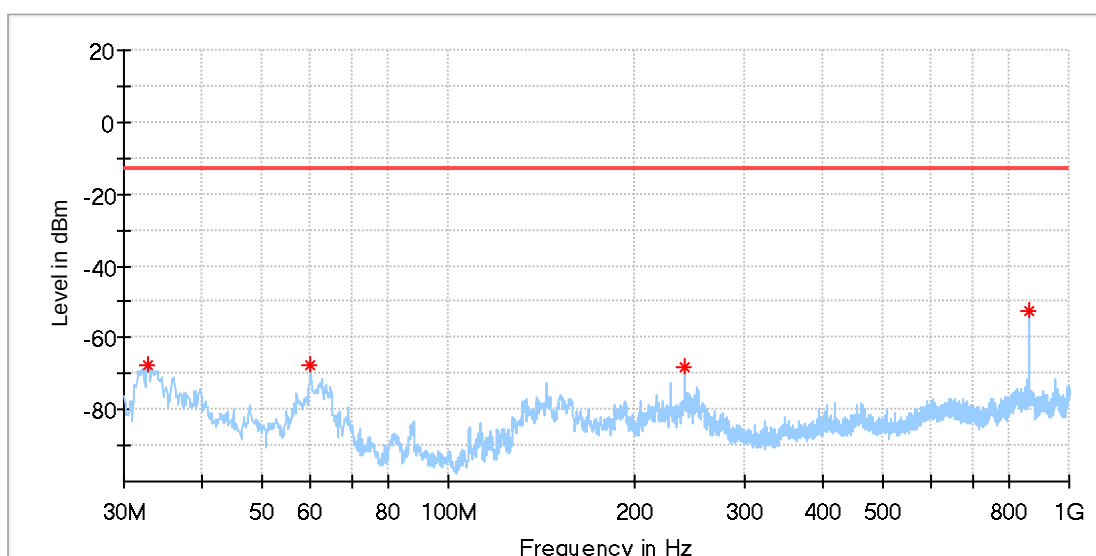
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.788750	-67.49	---	-13.00	54.49	100.0	H	245.0	-117.2
59.948750	-67.36	---	-13.00	54.36	100.0	H	286.0	-116.6
239.883750	-68.32	---	-13.00	55.32	100.0	H	230.0	-110.5
864.442500	-52.42	---	-13.00	39.42	100.0	H	286.0	-100.0

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_15kHz_BPSK 1@0_High
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

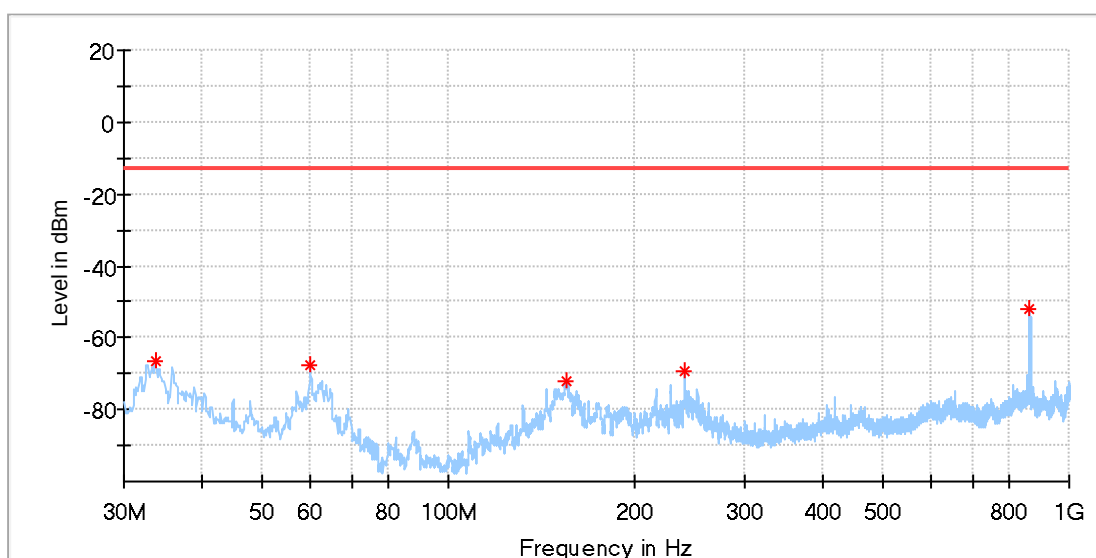
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.788750	-67.49	---	-13.00	54.49	100.0	H	245.0	-117.2
59.948750	-67.36	---	-13.00	54.36	100.0	H	286.0	-116.6
239.883750	-68.32	---	-13.00	55.32	100.0	H	230.0	-110.5
864.442500	-52.42	---	-13.00	39.42	100.0	H	286.0	-100.0

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_15kHz_BPSK 1@0_Low
 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

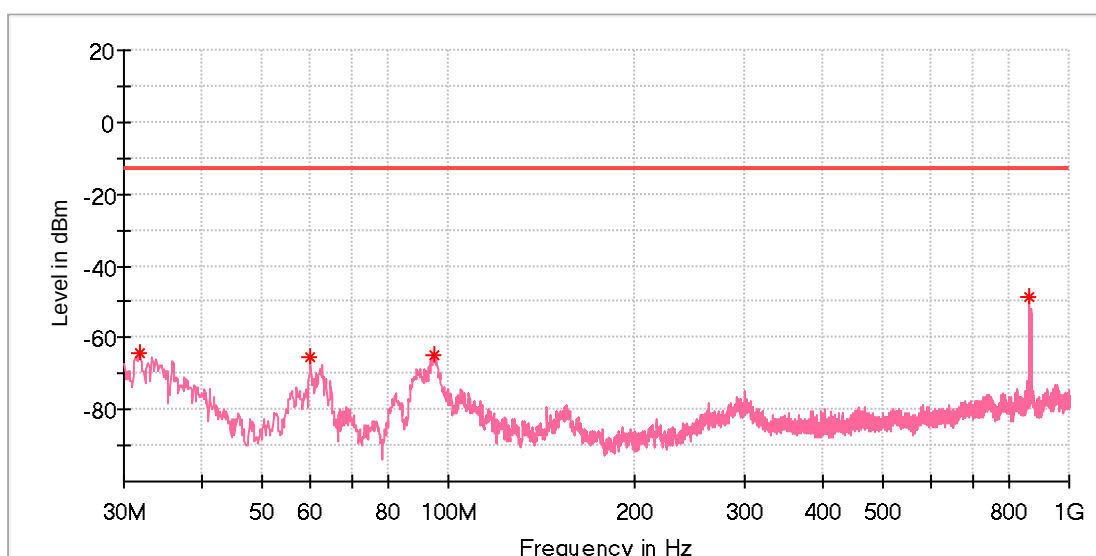
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.758750	-66.66	---	-13.00	53.66	100.0	H	172.0	-117.2
59.948750	-67.90	---	-13.00	54.90	100.0	H	313.0	-116.6
155.008750	-72.27	---	-13.00	59.27	100.0	H	283.0	-123.5
240.126250	-69.11	---	-13.00	56.11	100.0	H	283.0	-110.5
863.593750	-51.84	---	-13.00	38.84	100.0	H	111.0	-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_15kHz_BPSK 1@0_Low
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

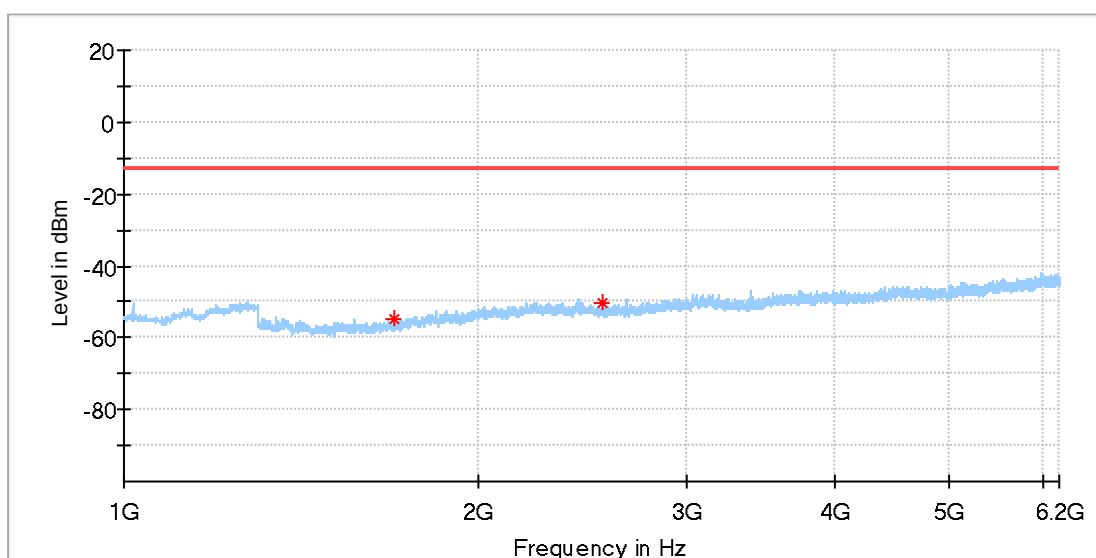
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.818750	-64.49	---	-13.00	51.49	100.0	V	352.0	-128.4
59.948750	-65.46	---	-13.00	52.46	100.0	V	216.0	-120.4
94.626250	-64.69	---	-13.00	51.69	100.0	V	279.0	-99.7
863.230000	-48.86	---	-13.00	35.86	100.0	V	233.0	-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_3.75kHz_QPSK 1@0_High
 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

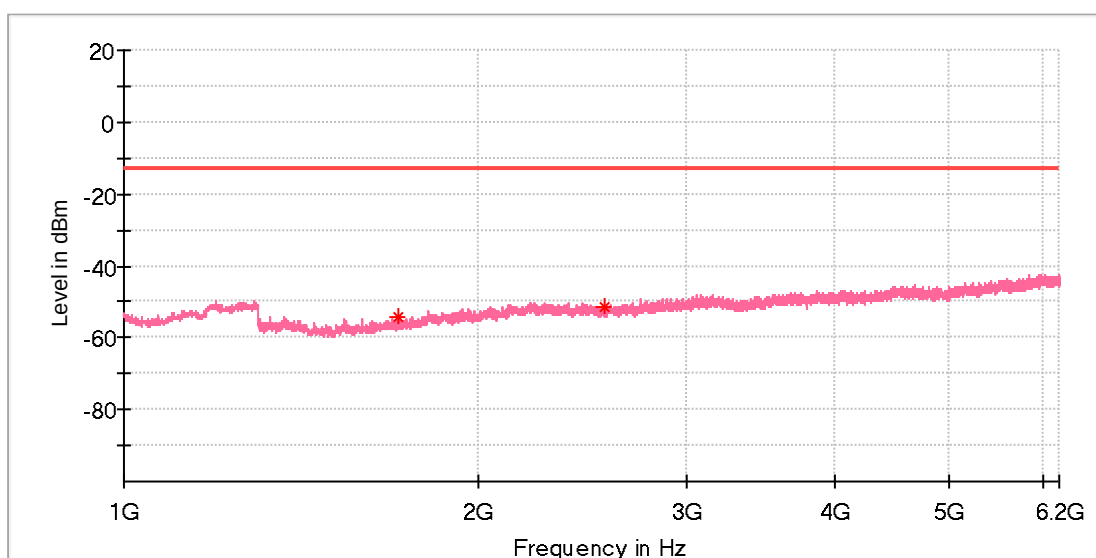
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1697.500000	-54.77	---	-13.00	41.77	100.0	H	331.0	-92.4
2547.000000	-50.35	---	-13.00	37.35	100.0	H	168.0	-88.3

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_3.75kHz_QPSK 1@0_High
 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

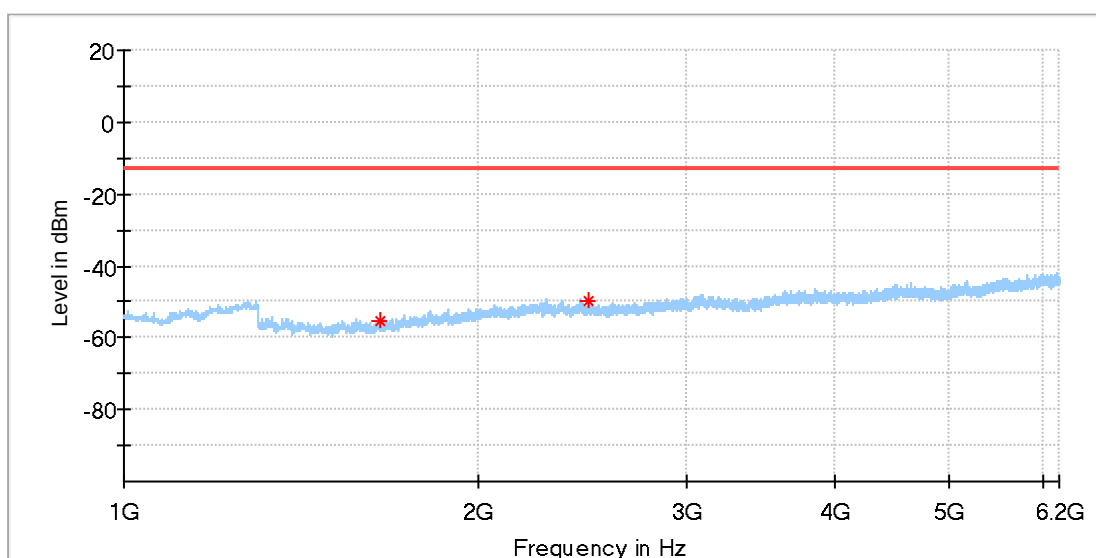
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1707.500000	-54.22	---	-13.00	41.22	100.0	V	62.0	-91.9
2554.500000	-51.30	---	-13.00	38.30	100.0	V	114.0	-88.3

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_3.75kHz_QPSK 1@0_Low
 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

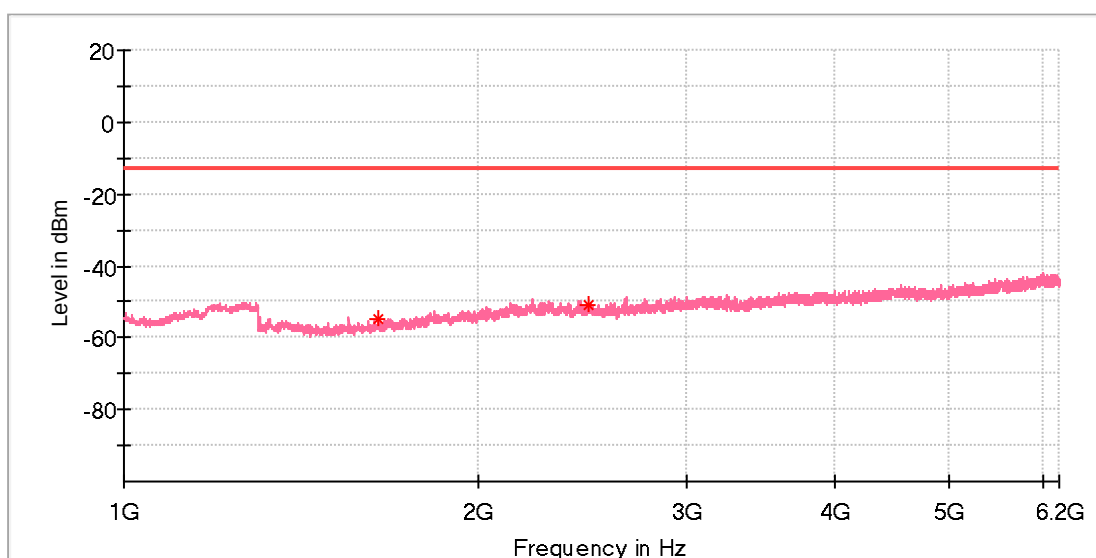
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.000000	-55.47	---	-13.00	42.47	100.0	H	271.0	-92.3
2479.500000	-49.74	---	-13.00	36.74	100.0	H	202.0	-88.0

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_3.75kHz_QPSK 1@0_Low
 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

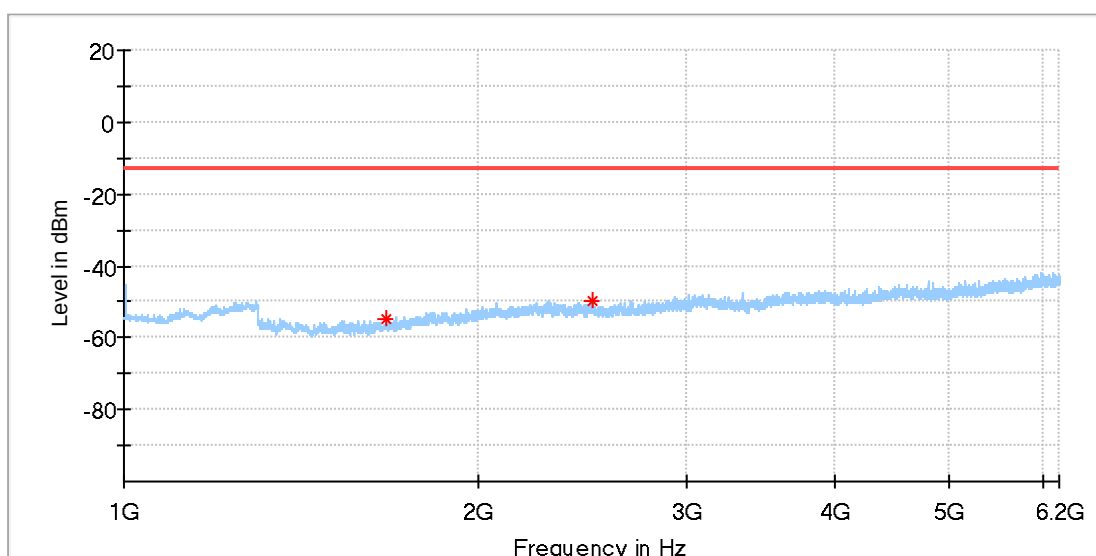
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1644.000000	-55.02	---	-13.00	42.02	100.0	V	291.0	-92.4
2472.500000	-50.86	---	-13.00	37.86	100.0	V	1.0	-88.0

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_3.75kHz_QPSK 1@0_Mid
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

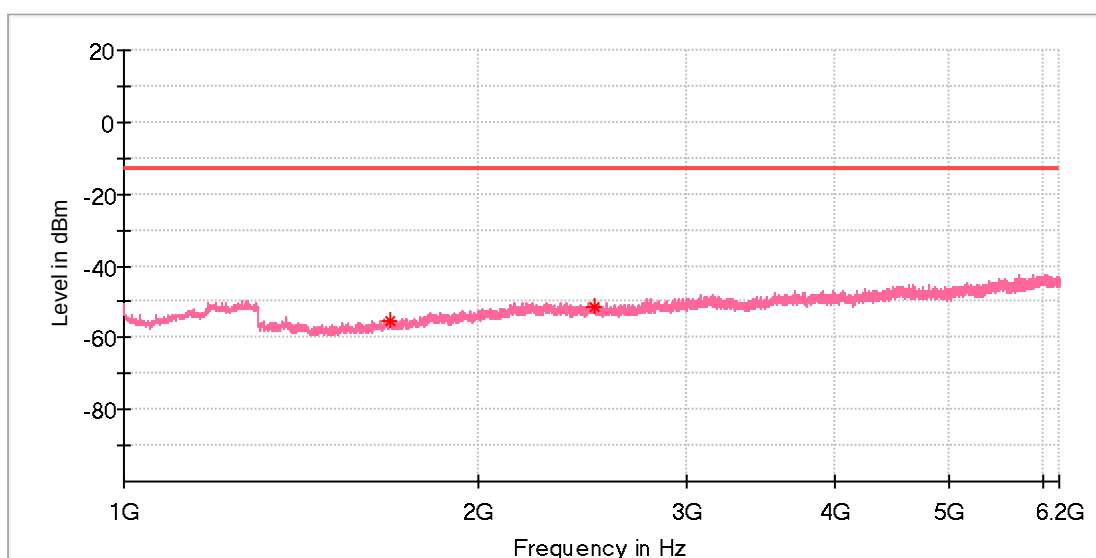
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1667.000000	-54.99	---	-13.00	41.99	100.0	H	200.0	-92.6
2491.500000	-49.68	---	-13.00	36.68	100.0	H	163.0	-88.1

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_3.75kHz_QPSK 1@0_Mid
 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

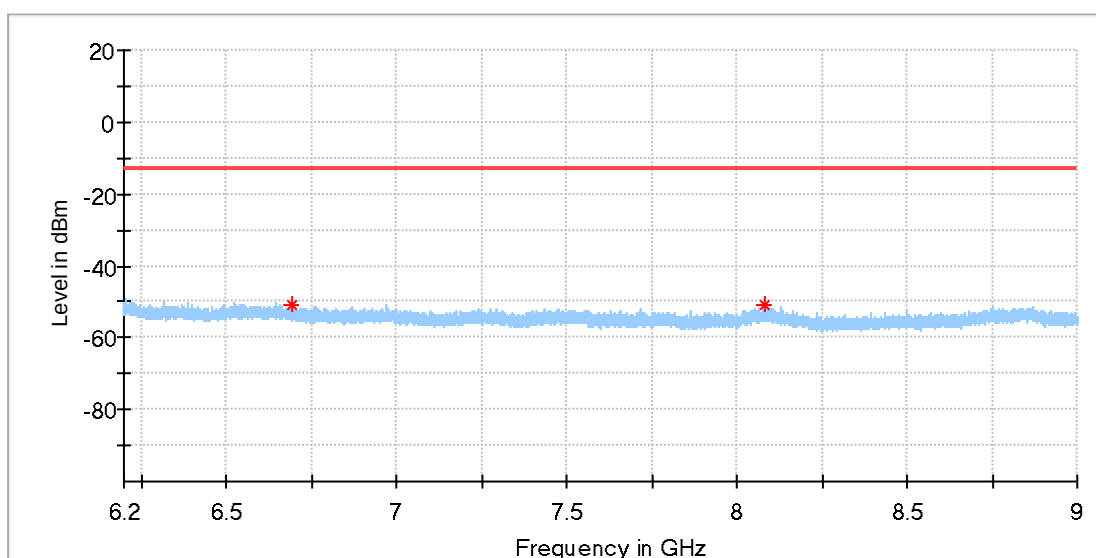
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1680.000000	-55.14	---	-13.00	42.14	100.0	V	324.0	-92.1
2500.500000	-51.37	---	-13.00	38.37	100.0	V	317.0	-88.1

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_3.75kHz_QPSK 1@0_High
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

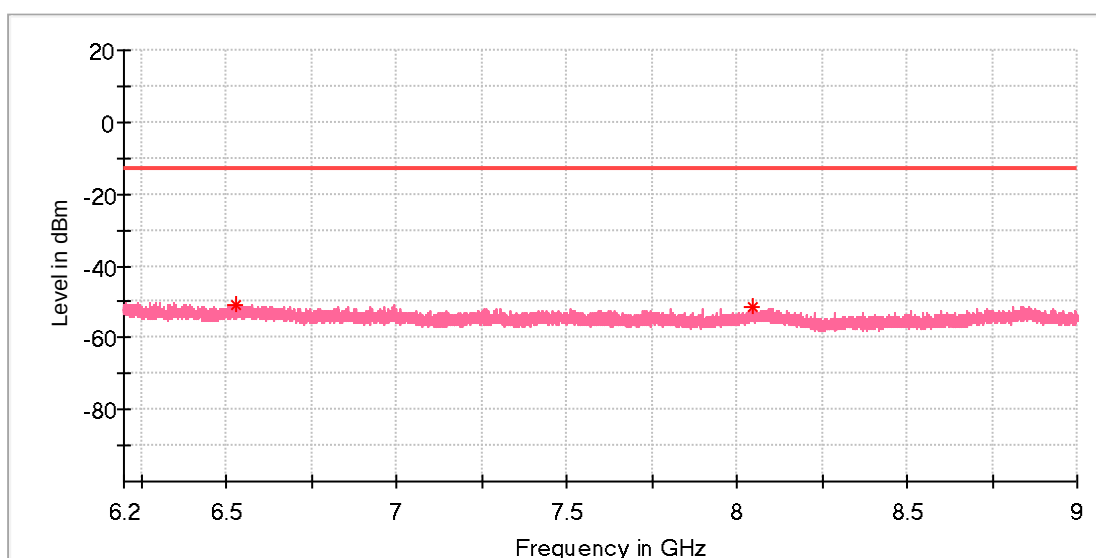
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6694.433333	-50.75	---	-13.00	37.75	100.0	H	30.0	-87.9
8081.950000	-51.12	---	-13.00	38.12	100.0	H	298.0	-86.6

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_3.75kHz_QPSK 1@0_High
 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

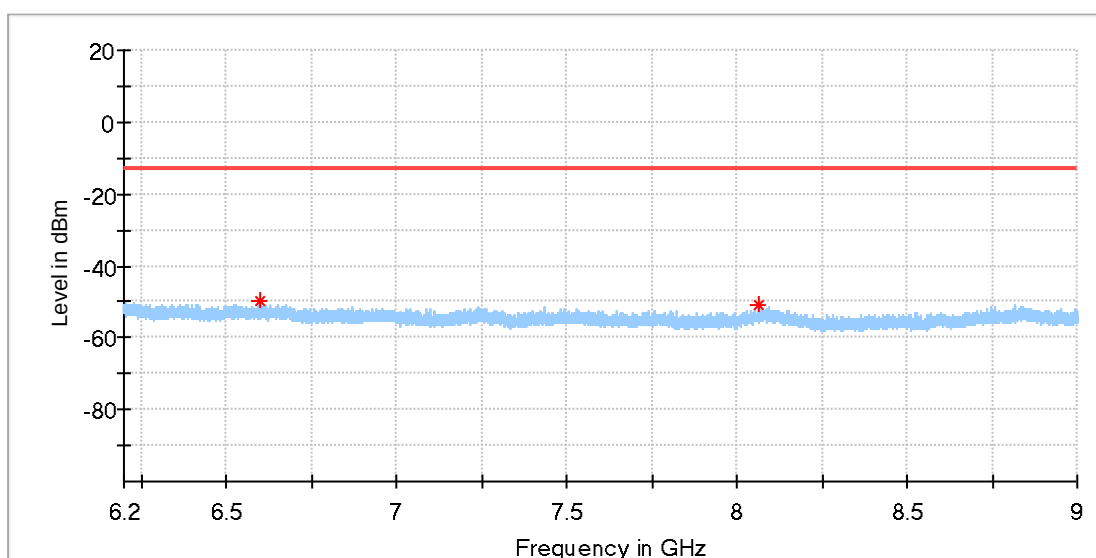
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6531.450000	-50.62	---	-13.00	37.62	100.0	V	142.0	-87.4
8046.250000	-51.57	---	-13.00	38.57	100.0	V	180.0	-86.9

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_3.75kHz_QPSK 1@0_Low
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

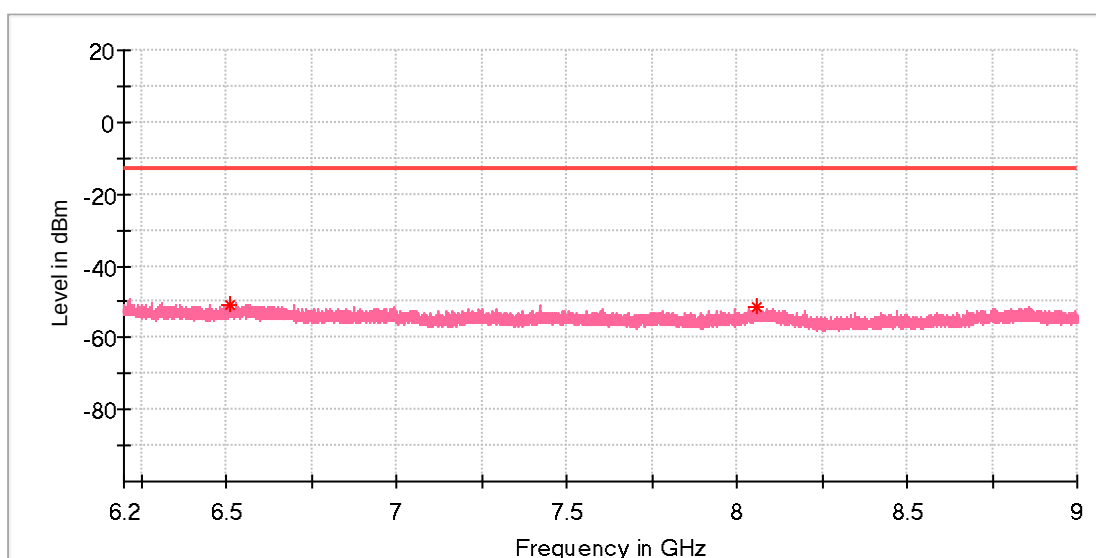
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6599.466667	-49.96	---	-13.00	36.96	100.0	H	261.0	-87.8
8062.466667	-51.13	---	-13.00	38.13	100.0	H	4.0	-86.8

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_3.75kHz_QPSK 1@0_Low
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

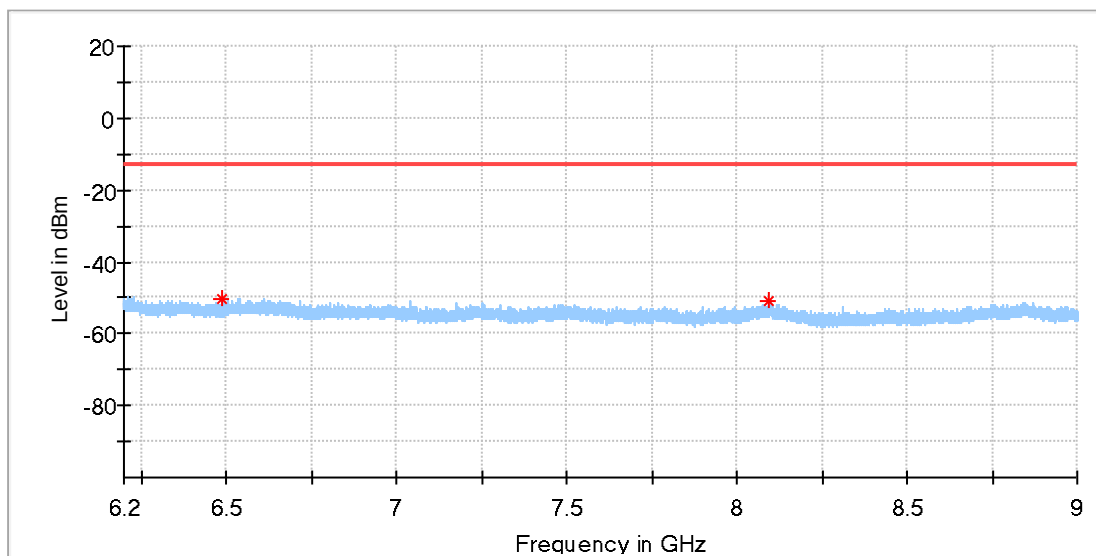
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6509.516667	-50.81	---	-13.00	37.81	100.0	V	24.0	-87.6
8056.283333	-51.63	---	-13.00	38.63	100.0	V	59.0	-86.8

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_3.75kHz_QPSK 1@0_Mid
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)
6487.583333	-50.19	---	-13.00	37.19	100.0	H	327.0	-87.8
8095.250000	-50.80	---	-13.00	37.80	100.0	H	336.0	-86.7

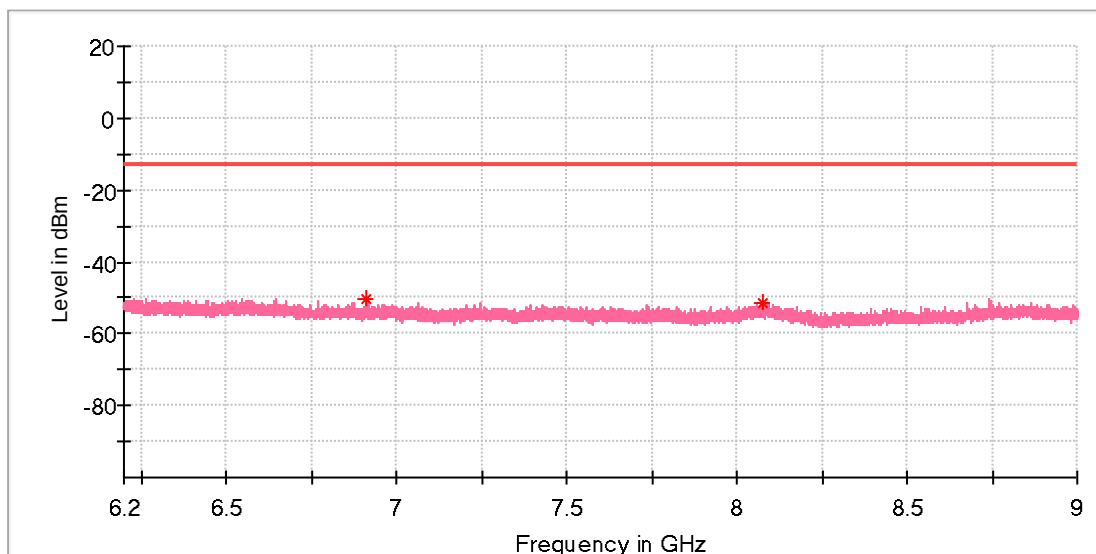
Final Result

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_3.75kHz_QPSK 1@0_Mid
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

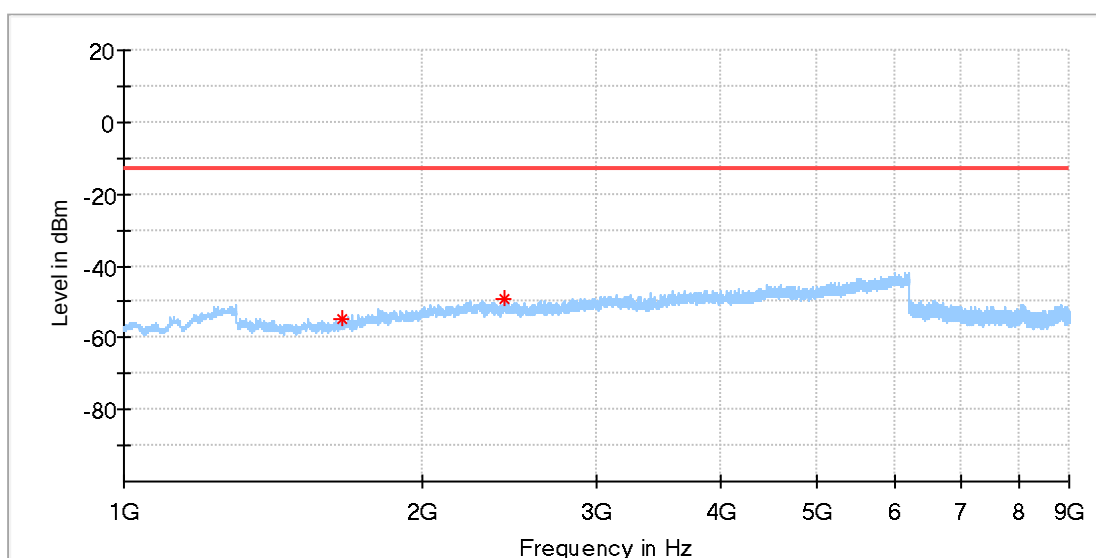
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6913.650000	-50.29	---	-13.00	37.29	100.0	V	266.0	-88.6
8079.033333	-51.33	---	-13.00	38.33	100.0	V	163.0	-86.7

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_15kHz_QPSK 1@0_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

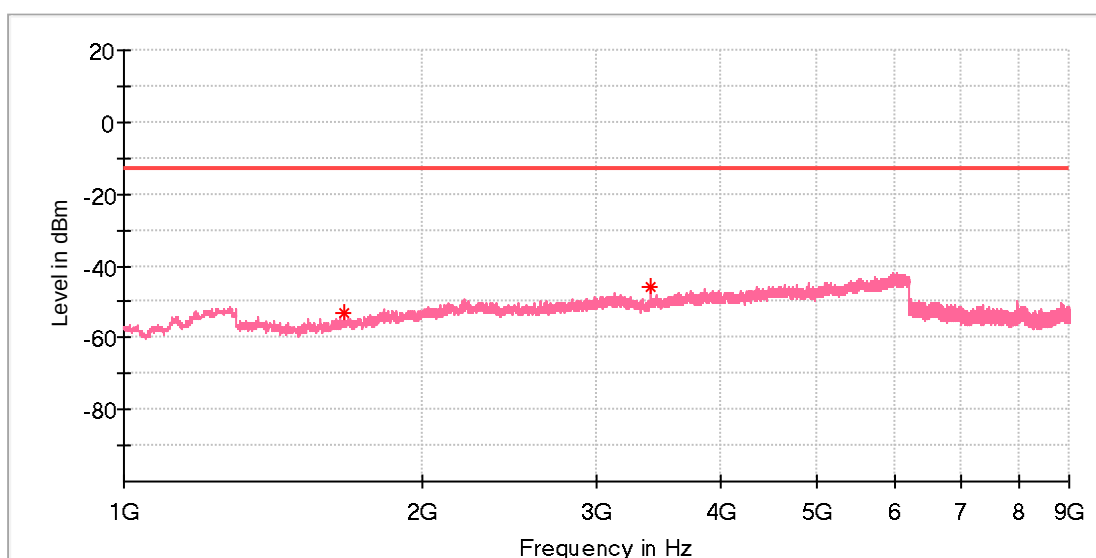
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1664.000000	-54.59	---	-13.00	41.59	100.0	H	351.0	-92.7
2417.000000	-49.18	---	-13.00	36.18	100.0	H	94.0	-87.6

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_15kHz_QPSK 1@0_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

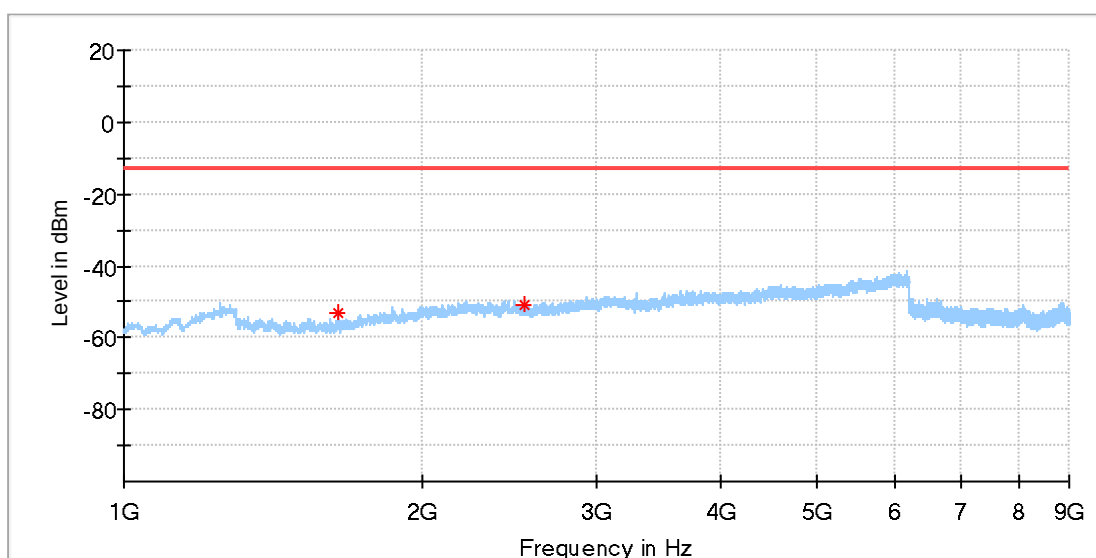
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1666.000000	-53.13	---	-13.00	40.13	100.0	V	23.0	-92.2
3395.000000	-45.97	---	-13.00	32.97	100.0	V	260.0	-87.1

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_15kHz_QPSK 1@0_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

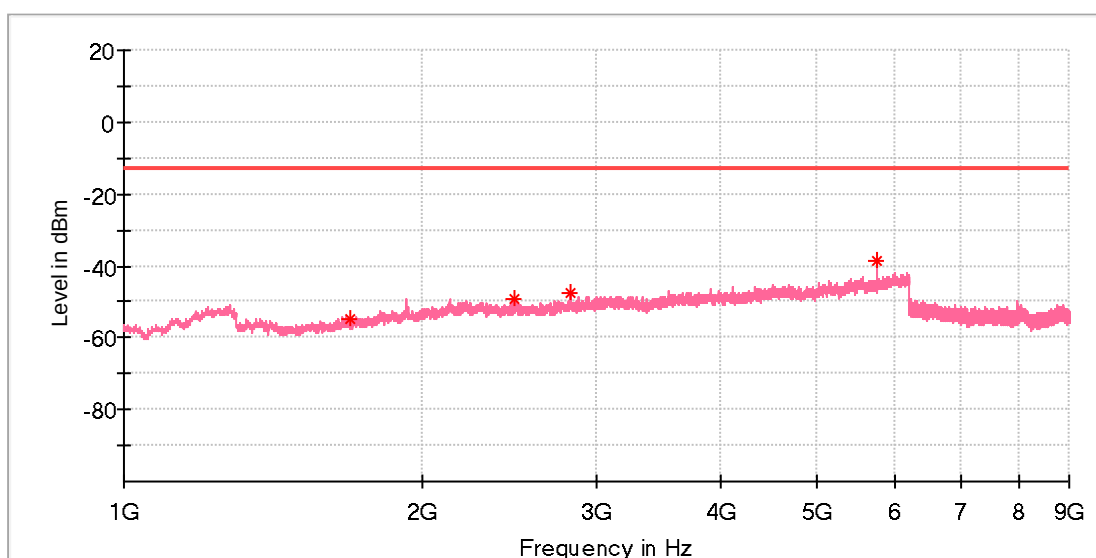
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1647.500000	-53.20	---	-13.00	40.20	100.0	H	159.0	-92.4
2536.000000	-50.67	---	-13.00	37.67	100.0	H	69.0	-88.4

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_15kHz_QPSK 1@0_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)
1694.500000	-55.00	---	-13.00	42.00	100.0	V	168.0	-92.1
2475.500000	-49.22	---	-13.00	36.22	100.0	V	92.0	-88.0
2829.500000	-47.26	---	-13.00	34.26	100.0	V	50.0	-87.4
5750.500000	-38.69	---	-13.00	25.69	100.0	V	286.0	-81.9

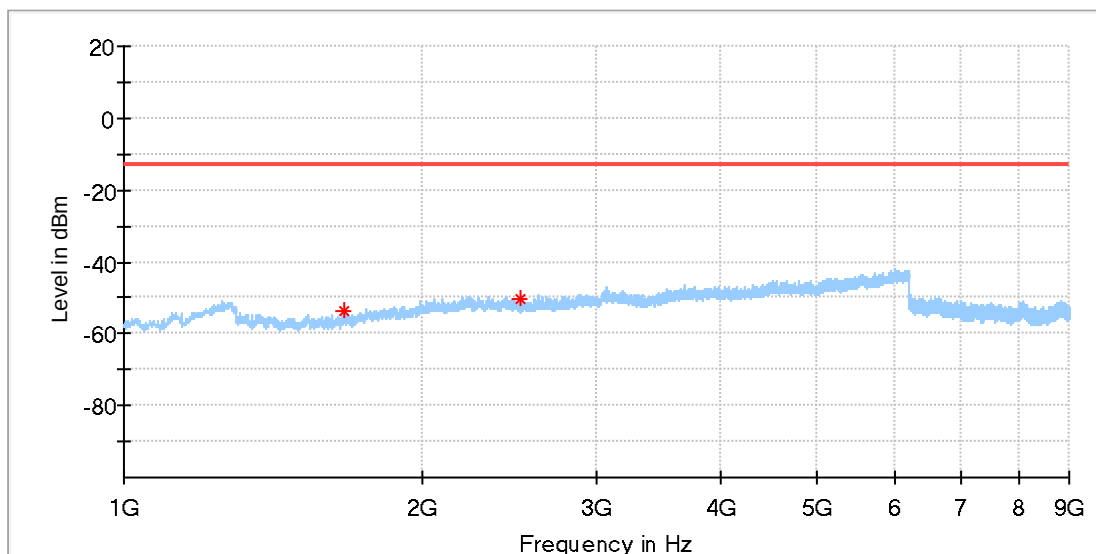
Final Result

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: Gateway
Model: T11012860
Test Mode: TX_15kHz_QPSK 1@0_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

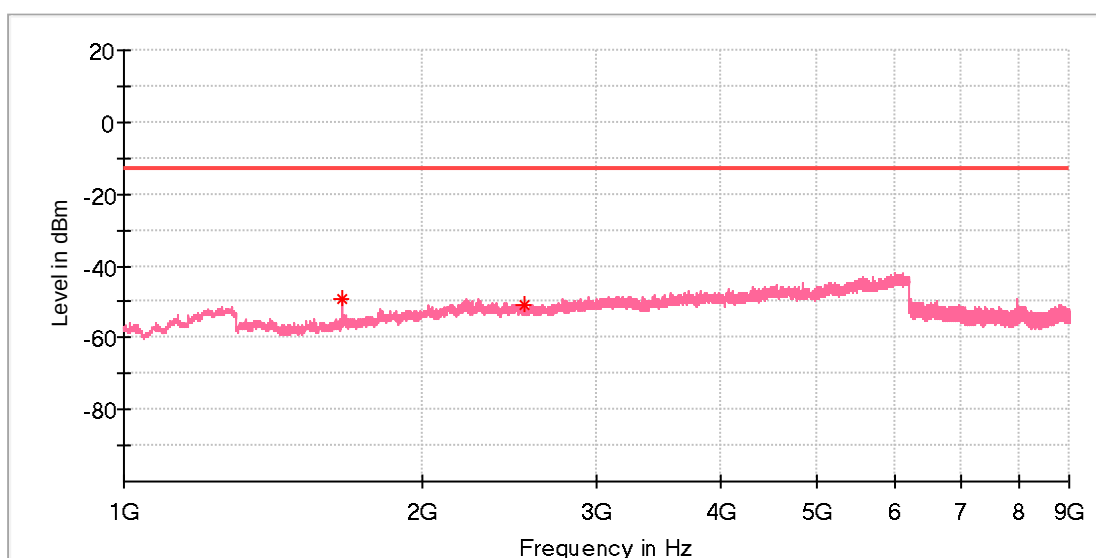
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1666.500000	-53.60	---	-13.00	40.60	100.0	H	303.0	-92.6
2514.000000	-50.43	---	-13.00	37.43	100.0	H	6.0	-88.3

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:	Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_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

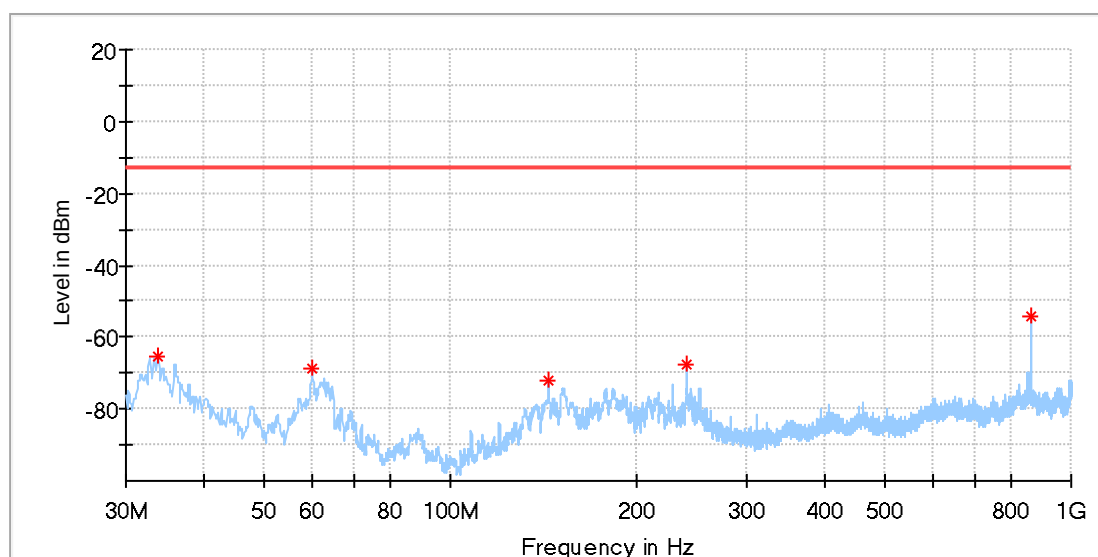
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1662.000000	-48.99	---	-13.00	35.99	100.0	V	49.0	-92.3
2542.000000	-51.01	---	-13.00	38.01	100.0	V	265.0	-88.4

Final Result

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Band 26 Low**EUT Information**

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_15kHz_QPSK 1@0_High
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
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)
33.758750	-65.62	---	-13.00	52.62	100.0	H	182.0	-117.2
59.948750	-68.83	---	-13.00	55.83	100.0	H	304.0	-116.6
143.975000	-72.30	---	-13.00	59.30	100.0	H	242.0	-123.4
240.005000	-67.57	---	-13.00	54.57	100.0	H	235.0	-110.5
863.593750	-54.11	---	-13.00	41.11	100.0	H	33.0	-99.9

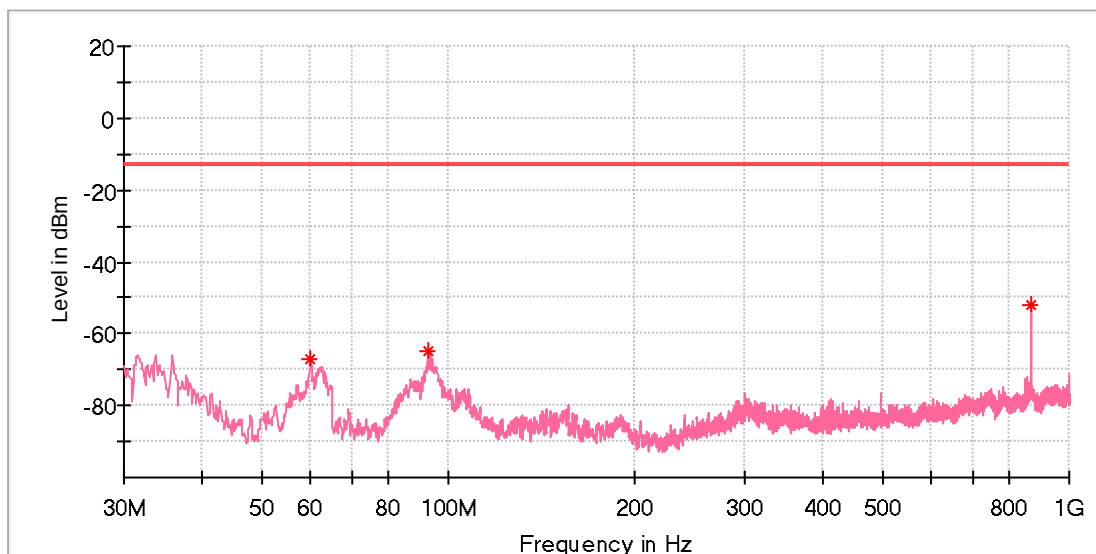
Final Result

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_15kHz_QPSK 1@0_High
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 90
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

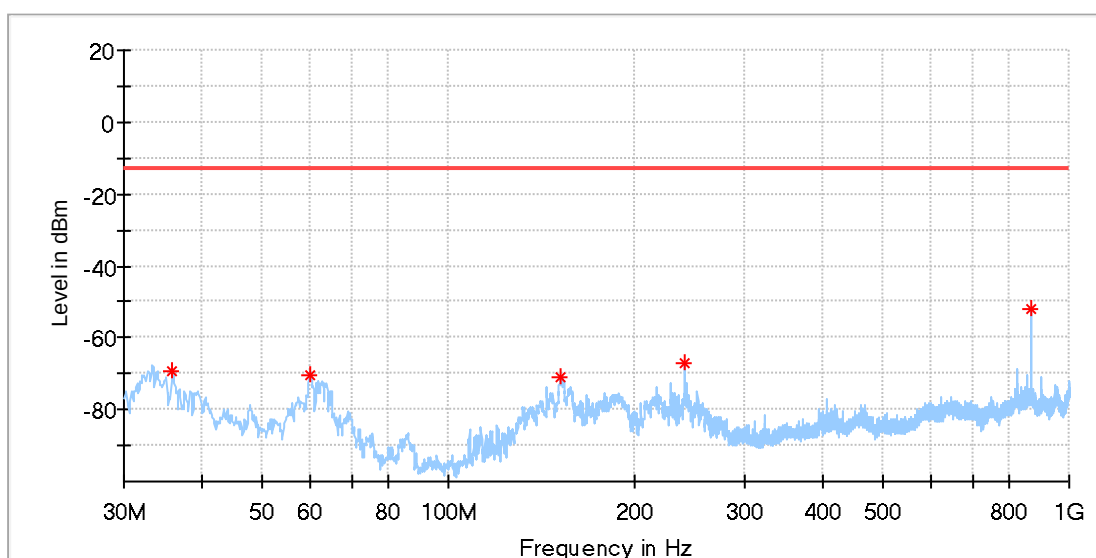
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.948750	-66.86	---	-13.00	53.86	100.0	V	273.0	-120.4
92.686250	-64.87	---	-13.00	51.87	100.0	V	354.0	-103.4
867.231250	-51.81	---	-13.00	38.81	100.0	V	0.0	-99.6

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_3.75kHz_BPSK 1@0_Low
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

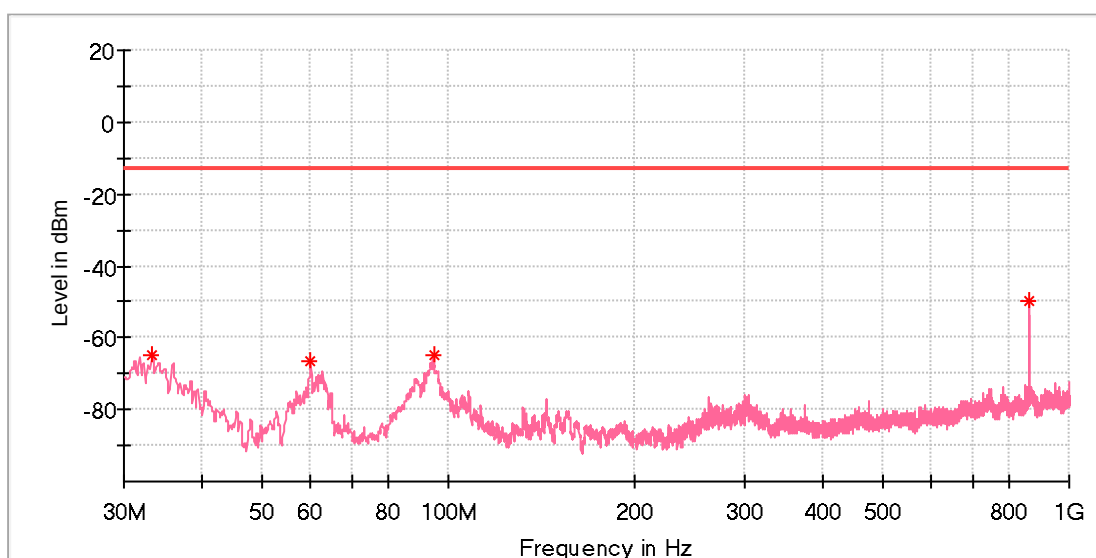
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
35.941250	-69.12	---	-13.00	56.12	100.0	H	153.0	-113.6
59.706250	-70.35	---	-13.00	57.35	100.0	H	296.0	-116.5
151.492500	-70.85	---	-13.00	57.85	100.0	H	266.0	-123.4
239.883750	-67.02	---	-13.00	54.02	100.0	H	250.0	-110.5
865.412500	-52.06	---	-13.00	39.06	100.0	H	139.0	-100.1

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_15kHz_QPSK 1@0_Low
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

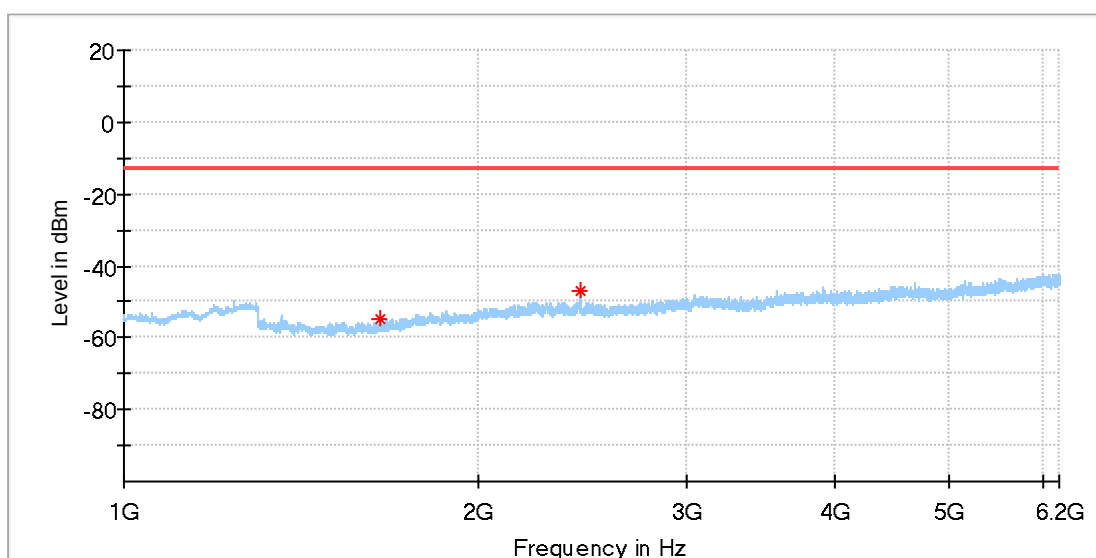
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
33.395000	-64.64	---	-13.00	51.64	100.0	V	209.0	-129.5
59.948750	-66.59	---	-13.00	53.59	100.0	V	227.0	-120.4
94.626250	-64.68	---	-13.00	51.68	100.0	V	145.0	-99.7
862.987500	-49.66	---	-13.00	36.66	100.0	V	48.0	-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_3.75kHz_QPSK 1@0_High
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

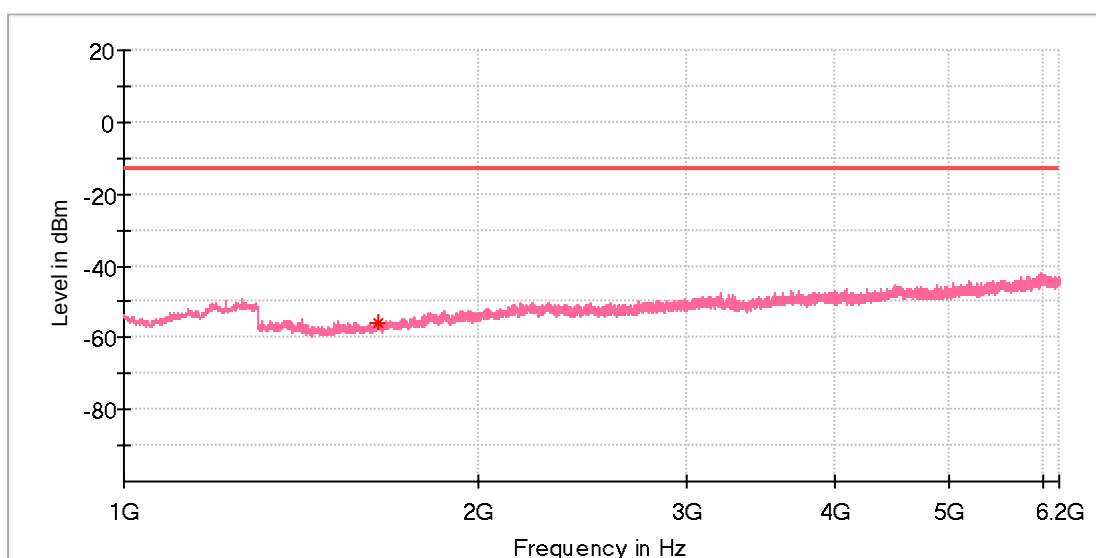
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-54.85	---	-13.00	41.85	100.0	H	41.0	-92.4
2438.000000	-46.88	---	-13.00	33.88	100.0	H	265.0	-87.7

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_3.75kHz_QPSK 1@0_High
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

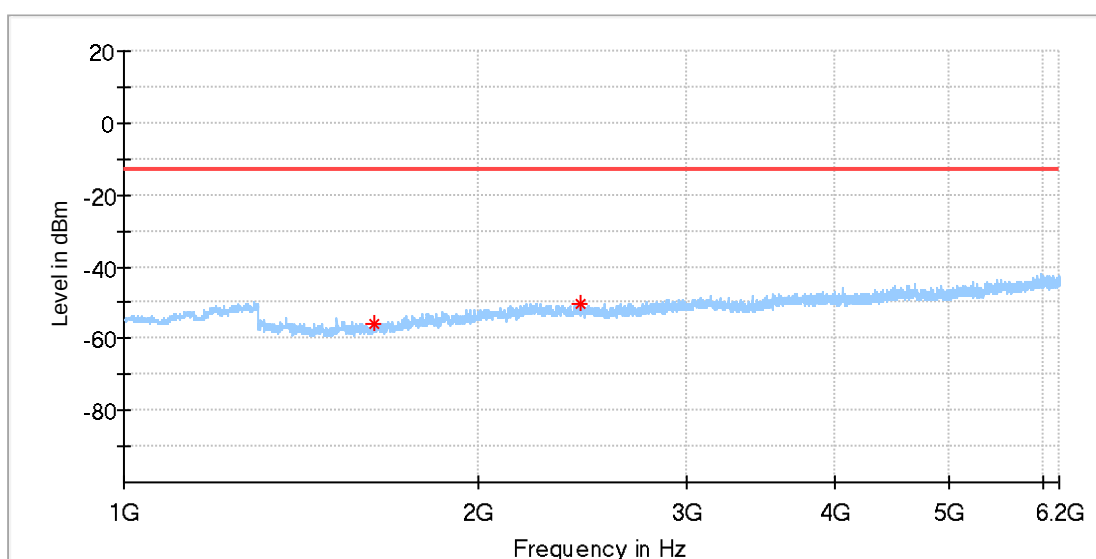
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1643.000000	-55.75	---	-13.00	42.75	100.0	V	7.0	-92.4

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: Quarterback Gateway
 Model: T11012860
 Test Mode: TX_3.75kHz_QPSK 1@0_Low
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 Tested By: Kei Zhang
 Reviewed By: Terry Yin

**Critical_Freqs**

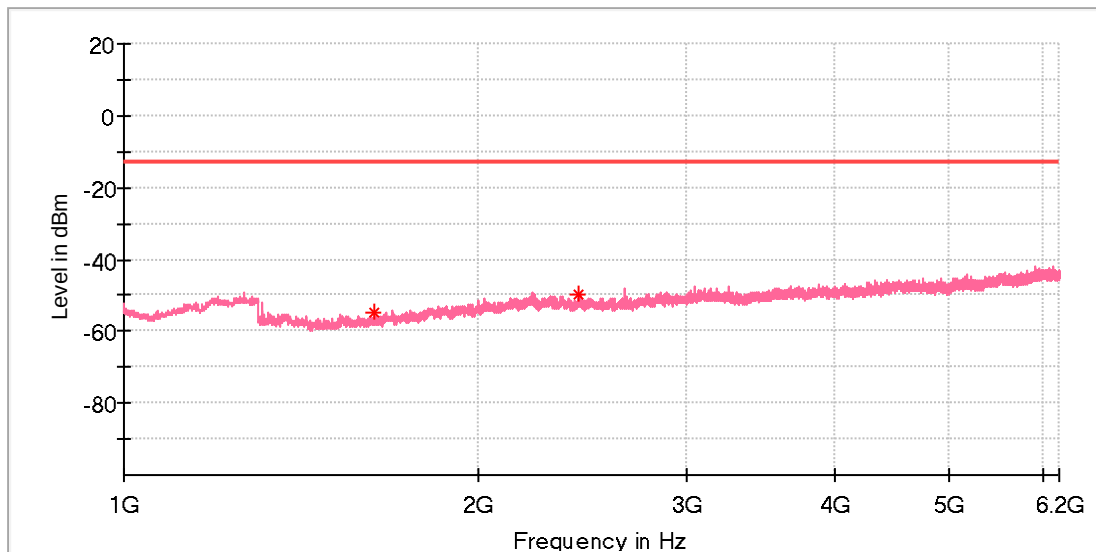
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1630.500000	-56.14	---	-13.00	43.14	100.0	H	220.0	-92.8
2434.000000	-50.16	---	-13.00	37.16	100.0	H	0.0	-87.6

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_3.75kHz_QPSK 1@0_Low
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 90
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

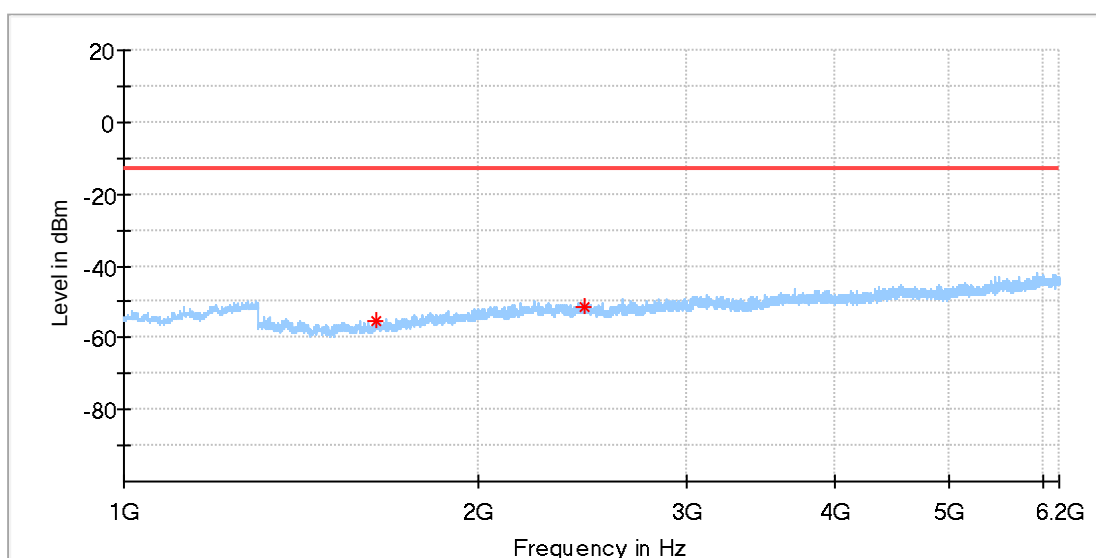
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1627.500000	-54.95	---	-13.00	41.95	100.0	V	258.0	-92.6
2432.000000	-49.69	---	-13.00	36.69	100.0	V	164.0	-88.0

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_3.75kHz_QPSK 1@0_Mid
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

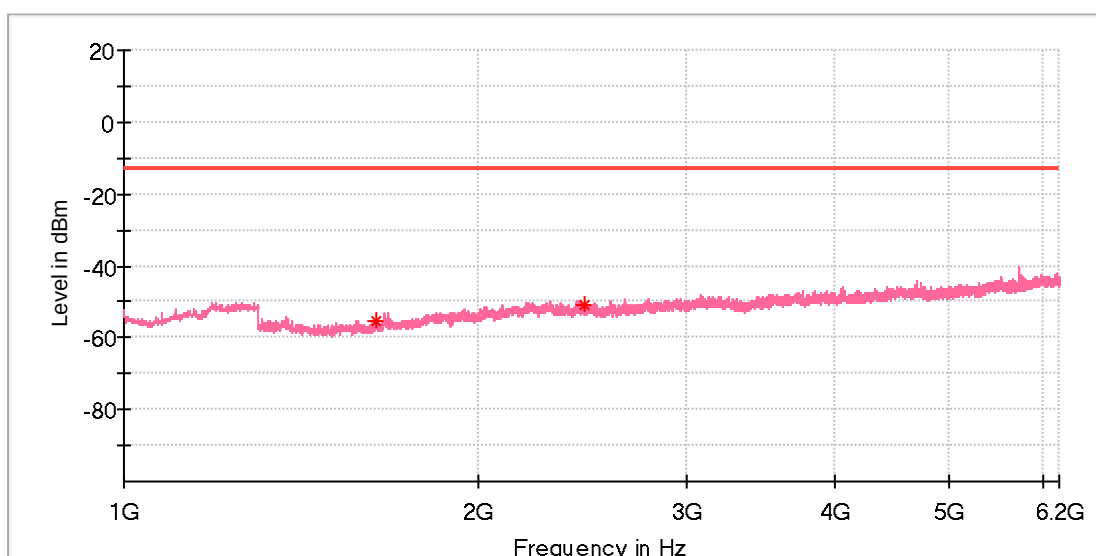
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1638.000000	-55.35	---	-13.00	42.35	100.0	H	75.0	-92.5
2455.000000	-51.16	---	-13.00	38.16	100.0	H	150.0	-87.9

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_3.75kHz_QPSK 1@0_Mid
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 90
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

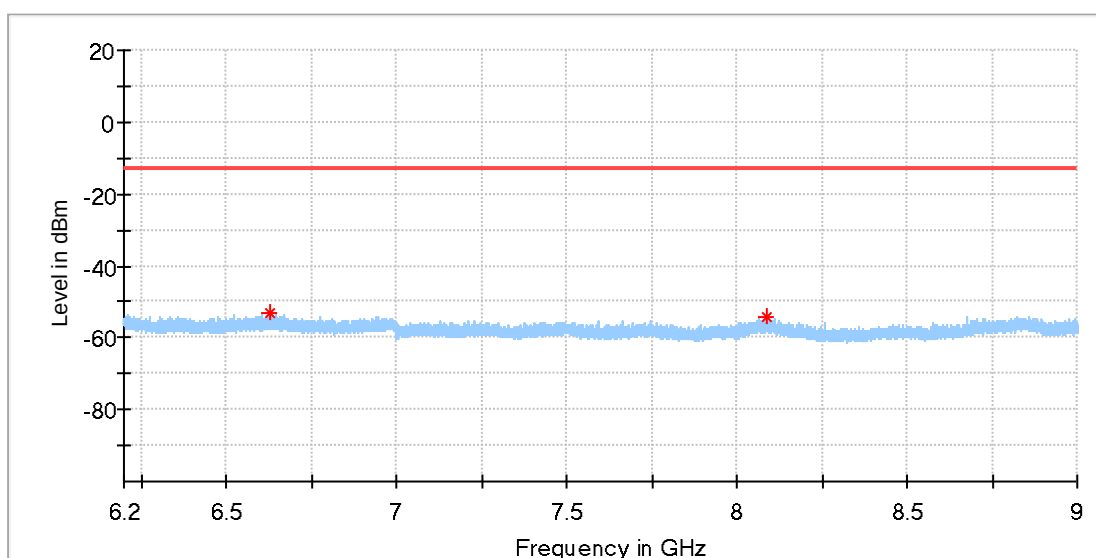
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-55.41	---	-13.00	42.41	100.0	V	282.0	-92.5
2457.500000	-50.90	---	-13.00	37.90	100.0	V	145.0	-88.1

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_3.75kHz_QPSK 1@0_High
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
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)
6631.550000	-53.21	---	-13.00	40.21	100.0	H	246.0	-87.7
8087.316667	-54.07	---	-13.00	41.07	100.0	H	354.0	-86.6

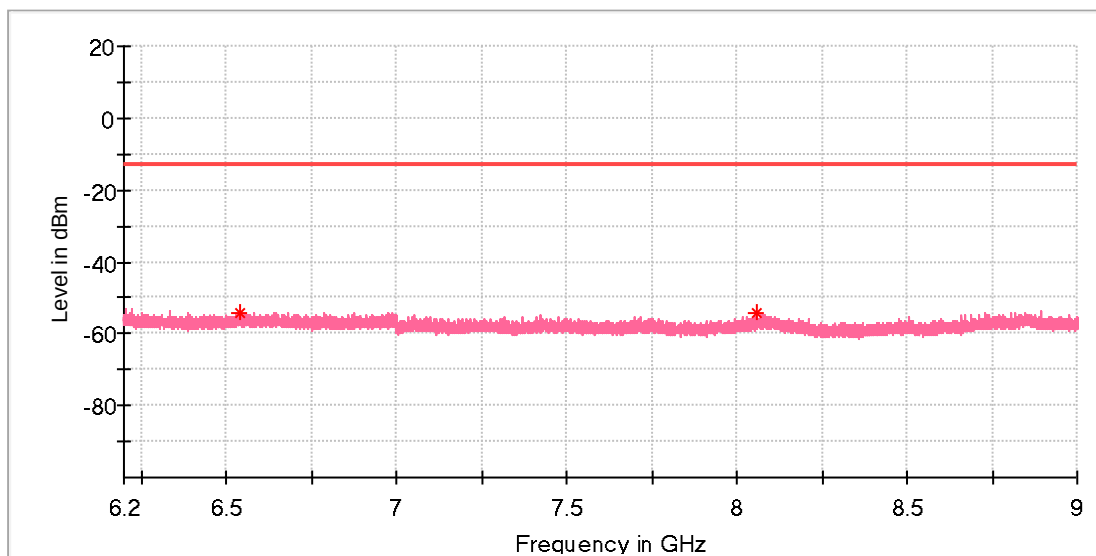
Final Result

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_3.75kHz_QPSK 1@0_High
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 90
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

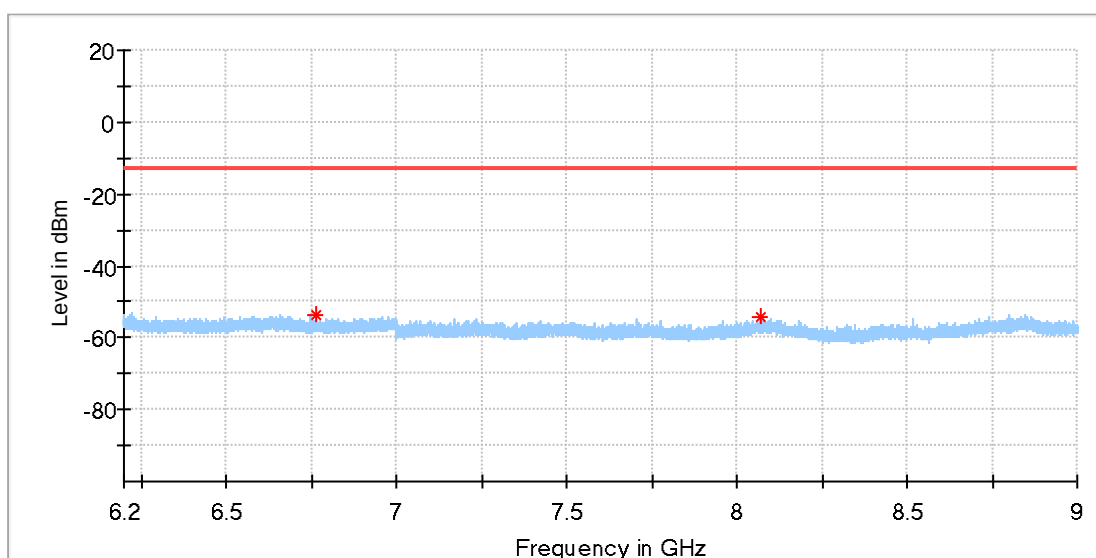
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6540.083333	-54.31	---	-13.00	41.31	100.0	V	50.0	-87.4
8060.016667	-54.16	---	-13.00	41.16	100.0	V	313.0	-86.8

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_3.75kHz_QPSK 1@0_Low
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 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)
6765.833333	-53.50	---	-13.00	40.50	100.0	H	246.0	-88.6
8071.100000	-54.23	---	-13.00	41.23	100.0	H	72.0	-86.7

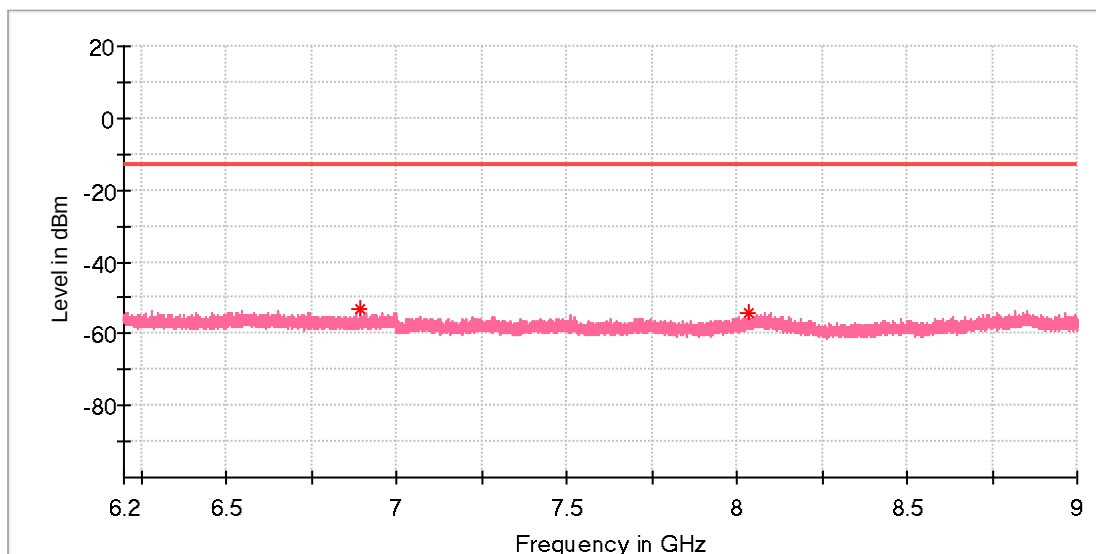
Final Result

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_3.75kHz_QPSK 1@0_Low
Test Voltage:: Battery
Remark: Temp 24 Humi:47%
Test Standard: FCC Part 90
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

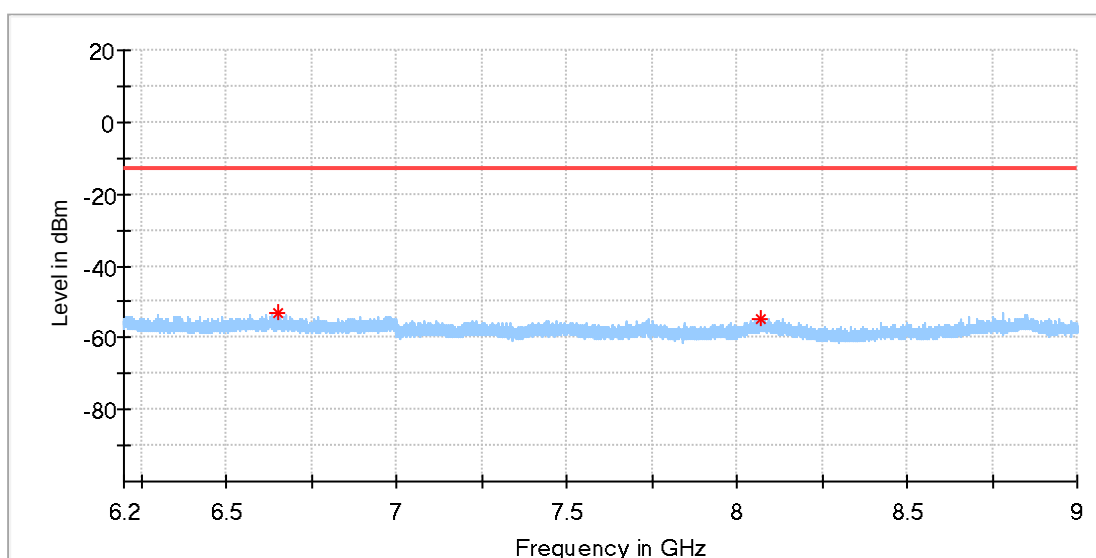
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6894.400000	-53.27	---	-13.00	40.27	100.0	V	46.0	-88.7
8032.950000	-54.18	---	-13.00	41.18	100.0	V	146.0	-87.0

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_3.75kHz_QPSK 1@0_Mid
 Test Voltage:: Battery
 Remark: Temp 24 Humi:47%
 Test Standard: FCC Part 90
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

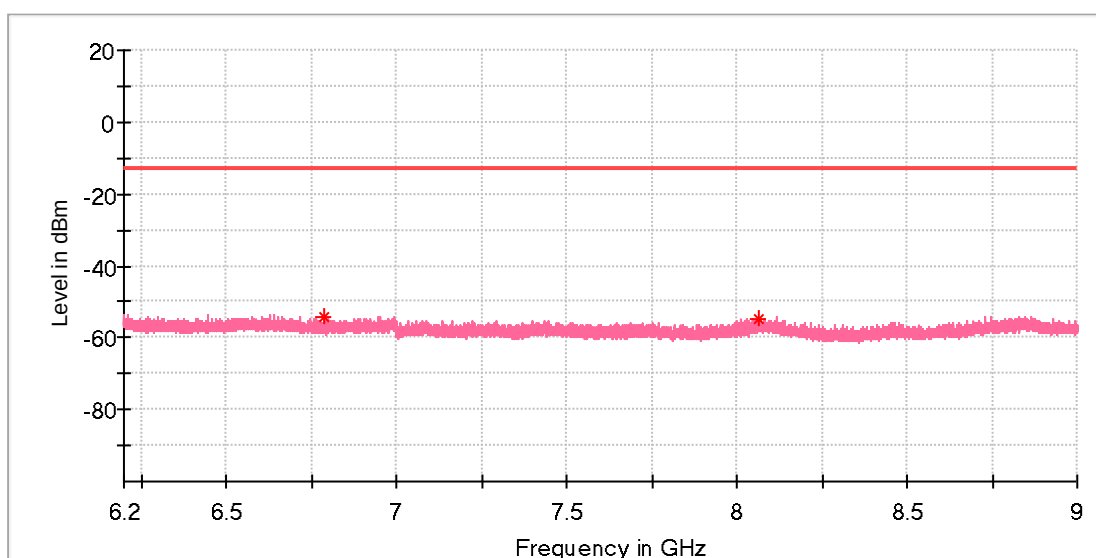
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6654.183333	-53.19	---	-13.00	40.19	100.0	H	342.0	-87.6
8067.716667	-54.83	---	-13.00	41.83	100.0	H	0.0	-86.7

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_3.75kHz_QPSK 1@0_Mid
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
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)
6785.666667	-54.07	---	-13.00	41.07	100.0	V	311.0	-88.6
8065.850000	-55.04	---	-13.00	42.04	100.0	V	277.0	-86.7

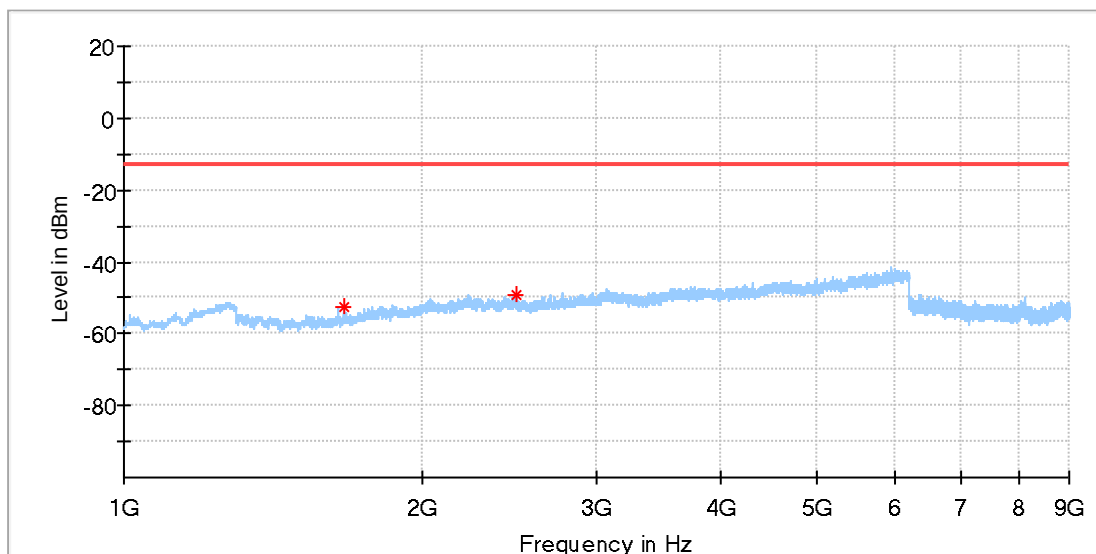
Final Result

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_15kHz_QPSK 1@0_High
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

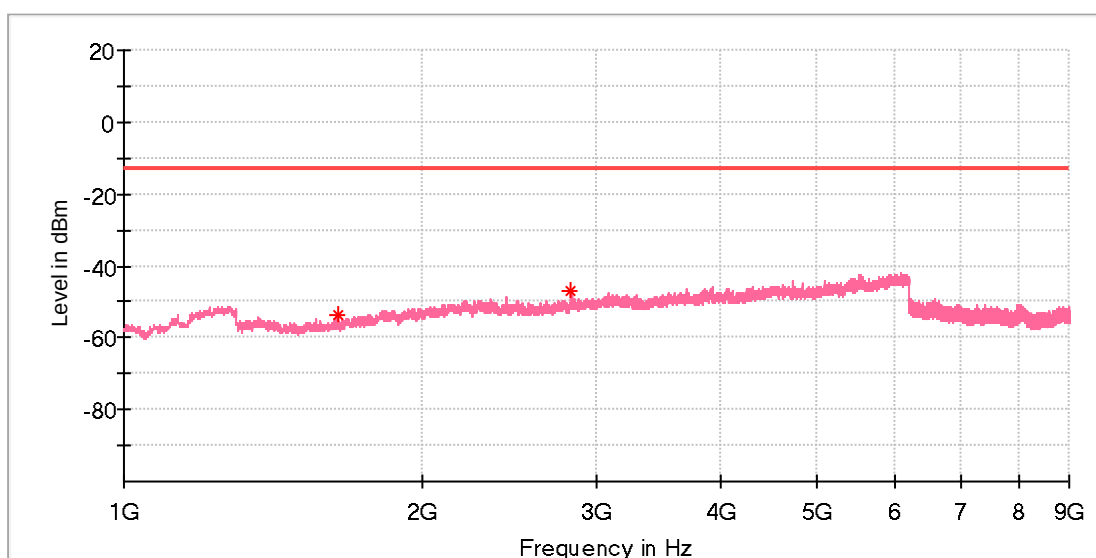
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1665.500000	-52.81	---	-13.00	39.81	100.0	H	46.0	-92.7
2486.500000	-49.39	---	-13.00	36.39	100.0	H	94.0	-88.1

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_15kHz_QPSK 1@0_High
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
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)
1647.500000	-53.81	---	-13.00	40.81	100.0	V	245.0	-92.4
2830.000000	-47.23	---	-13.00	34.23	100.0	V	71.0	-87.4

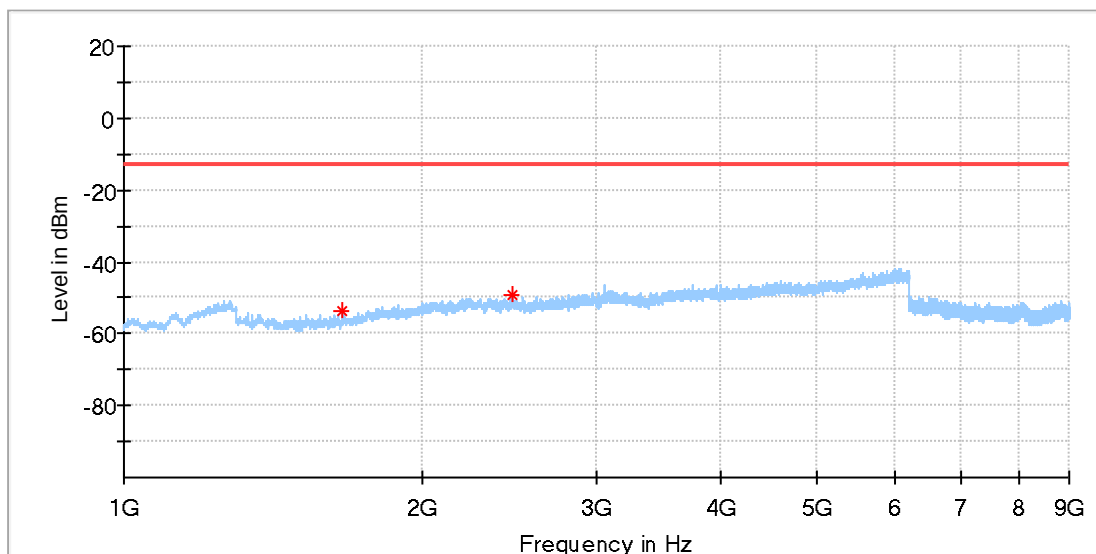
Final Result

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_15kHz_QPSK 1@0_Low
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

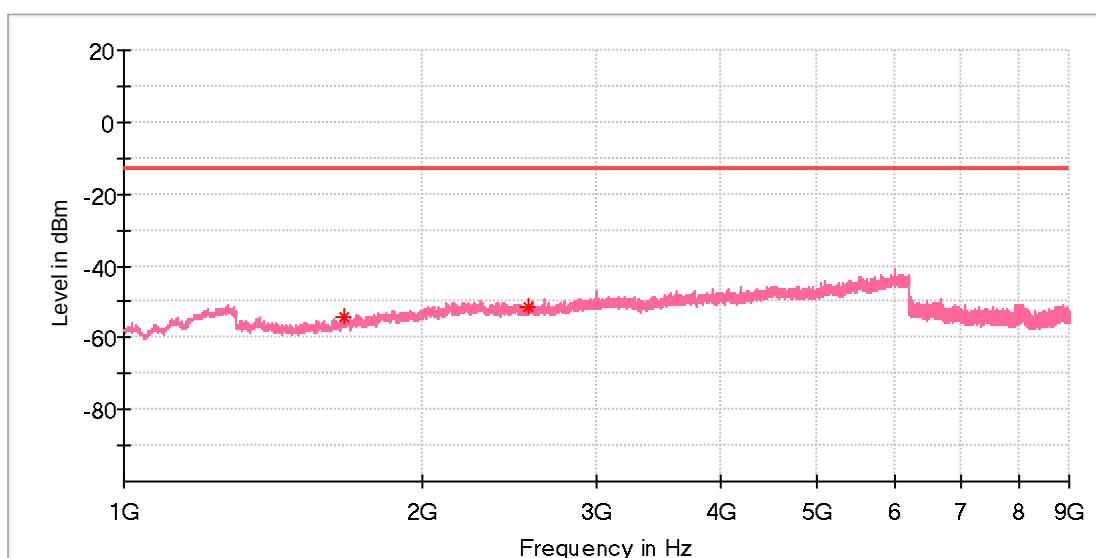
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1659.500000	-53.69	---	-13.00	40.69	100.0	H	231.0	-92.7
2470.500000	-49.45	---	-13.00	36.45	100.0	H	64.0	-87.9

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_15kHz_QPSK 1@0_Low
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

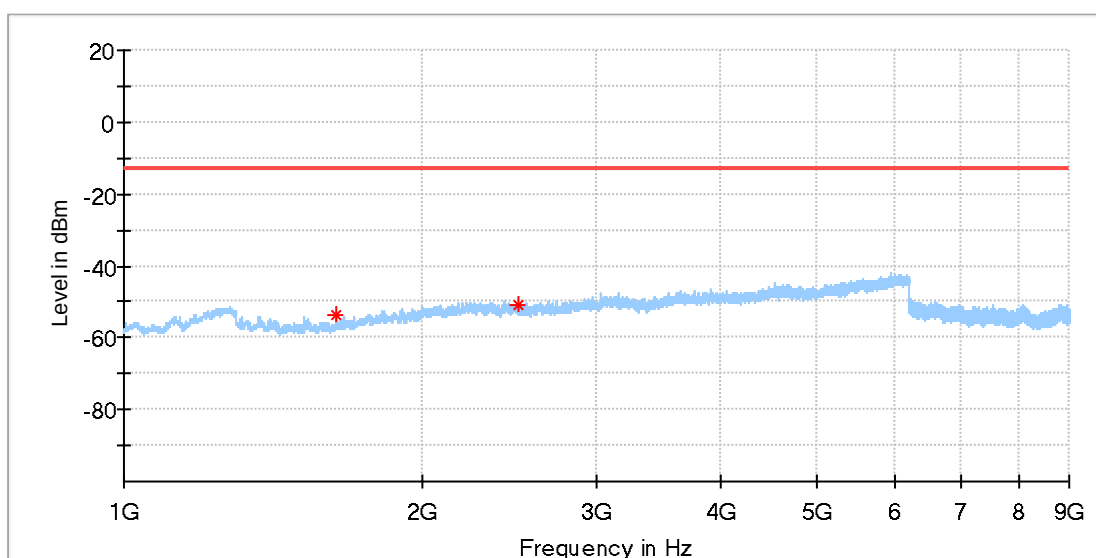
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1669.500000	-54.50	---	-13.00	41.50	100.0	V	311.0	-92.2
2557.000000	-51.41	---	-13.00	38.41	100.0	V	255.0	-88.3

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_15kHz_QPSK 1@0_Mid
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

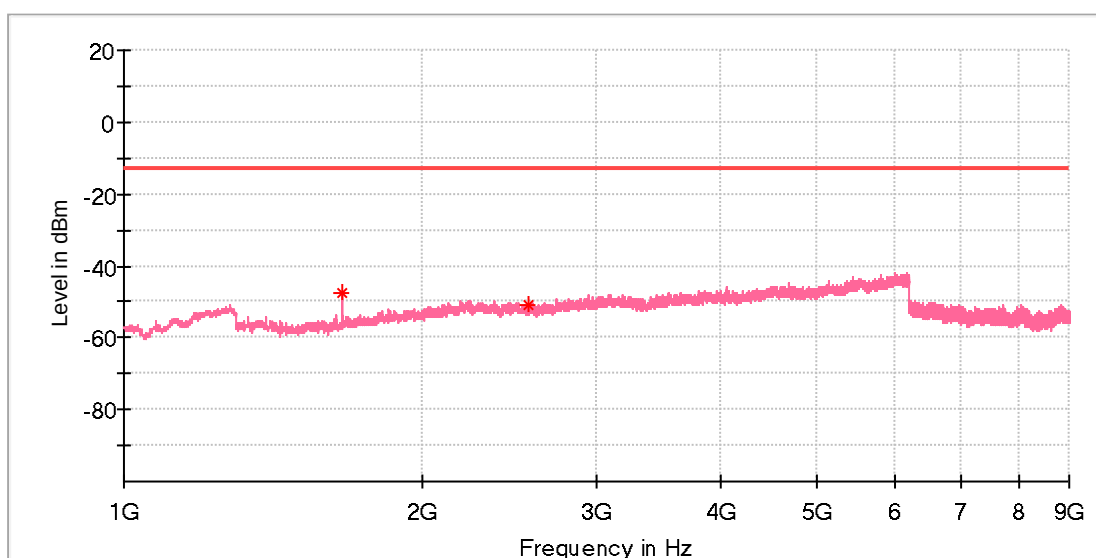
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.500000	-53.66	---	-13.00	40.66	100.0	H	165.0	-92.5
2499.500000	-50.87	---	-13.00	37.87	100.0	H	0.0	-88.2

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_15kHz_QPSK 1@0_Mid
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
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)
1663.500000	-47.56	---	-13.00	34.56	100.0	V	267.0	-92.2
2559.500000	-51.15	---	-13.00	38.15	100.0	V	343.0	-88.3

Final Result

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

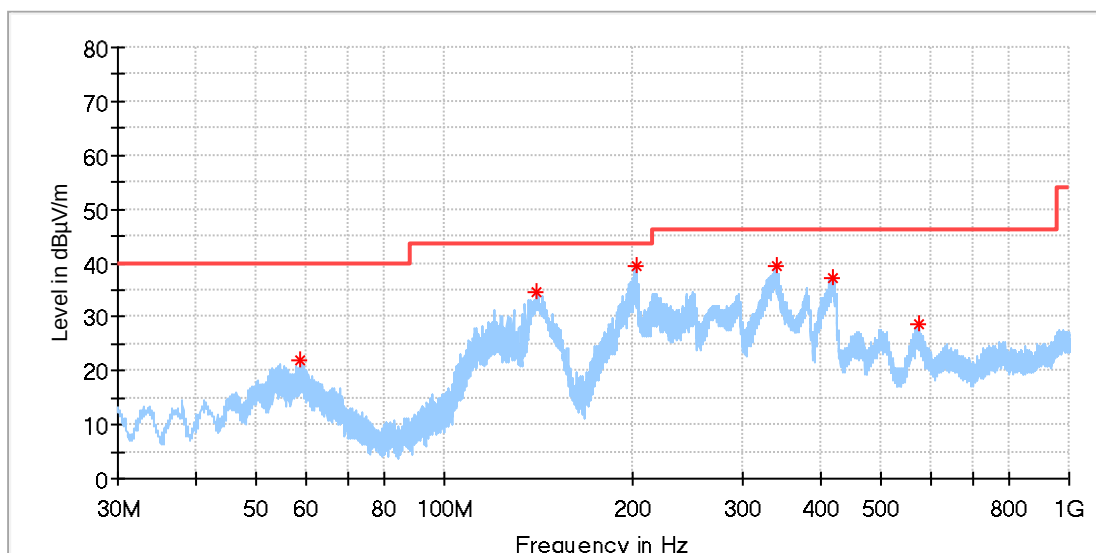
2. Co-located Radiated Spurious Emissions

All the simultaneous configuration are tested and only the worst case mode are reported. The emissions exceed the limit are fundamental emissions.

2.1 WiFi with 915MHz Transmitter, below 1GHz

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi
Test Voltage:	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

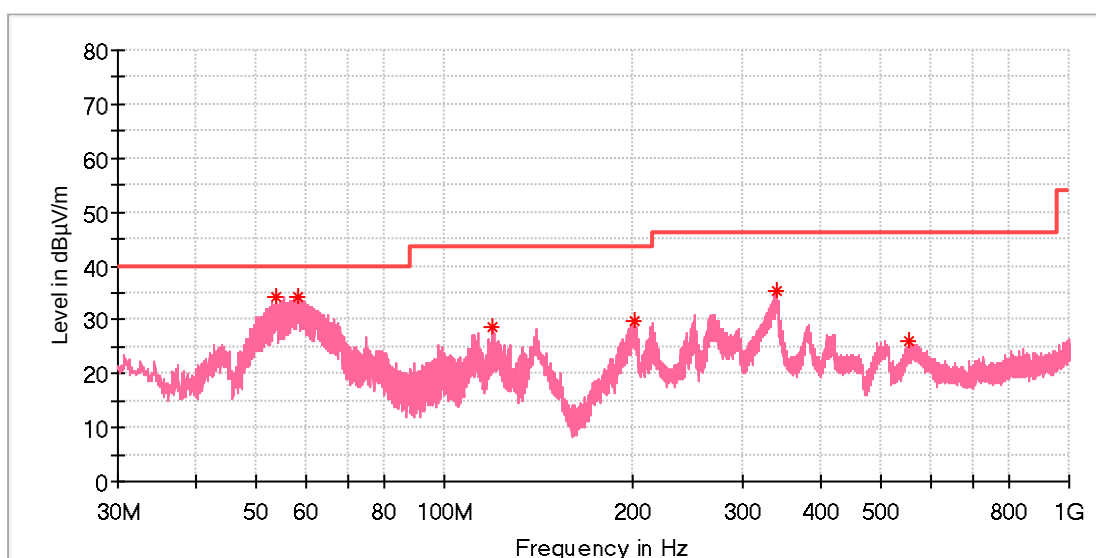
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
58.615000	22.08	40.00	17.92	100.0	H	116.0	-19.1
140.289000	34.53	43.50	8.97	100.0	H	94.0	-22.6
202.660000	39.48	43.50	4.02	100.0	H	116.0	-19.3
339.430000	39.37	46.00	6.63	100.0	H	226.0	-15.4
417.903000	37.07	46.00	8.93	100.0	H	116.0	-13.8
573.636500	28.82	46.00	17.18	100.0	H	136.0	-10.7

Final_Result

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

EUT Information

EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: Co-location_911.601+wifi
 Test Voltage:: Battery
 Remark: Temp 23 Humi:49%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.668000	34.08	40.00	5.92	100.0	V	353.0	-18.7
58.130000	34.18	40.00	5.82	100.0	V	27.0	-19.1
119.143000	28.60	43.50	14.90	100.0	V	345.0	-20.9
201.496000	29.61	43.50	13.89	100.0	V	345.0	-19.3
339.333000	35.42	46.00	10.58	100.0	V	148.0	-15.4
555.546000	26.06	46.00	19.94	100.0	V	0.0	-11.1

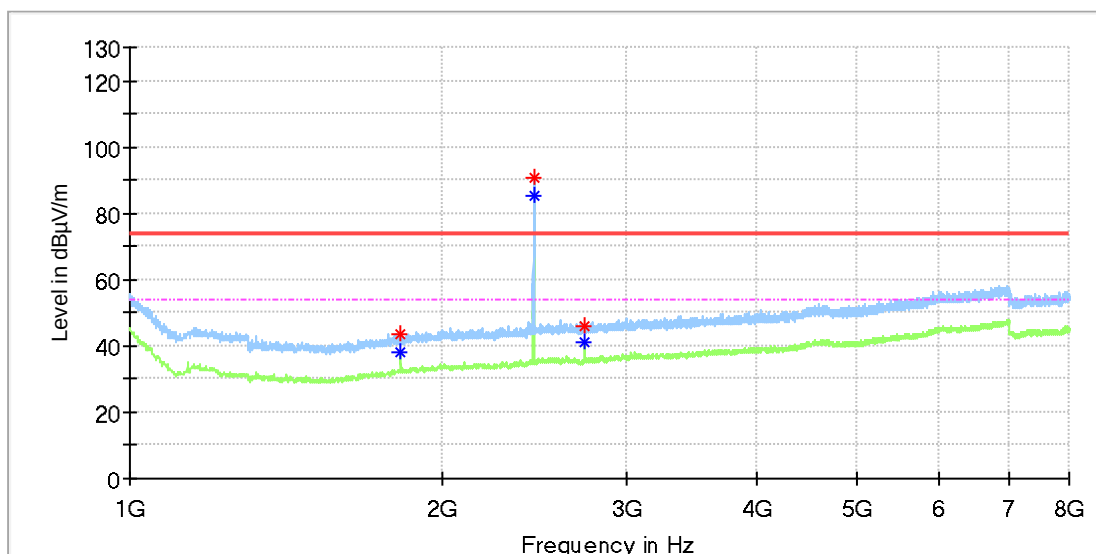
Final_Result

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

2.2 WiFi with 915MHz Transmitter, above 1GHz

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

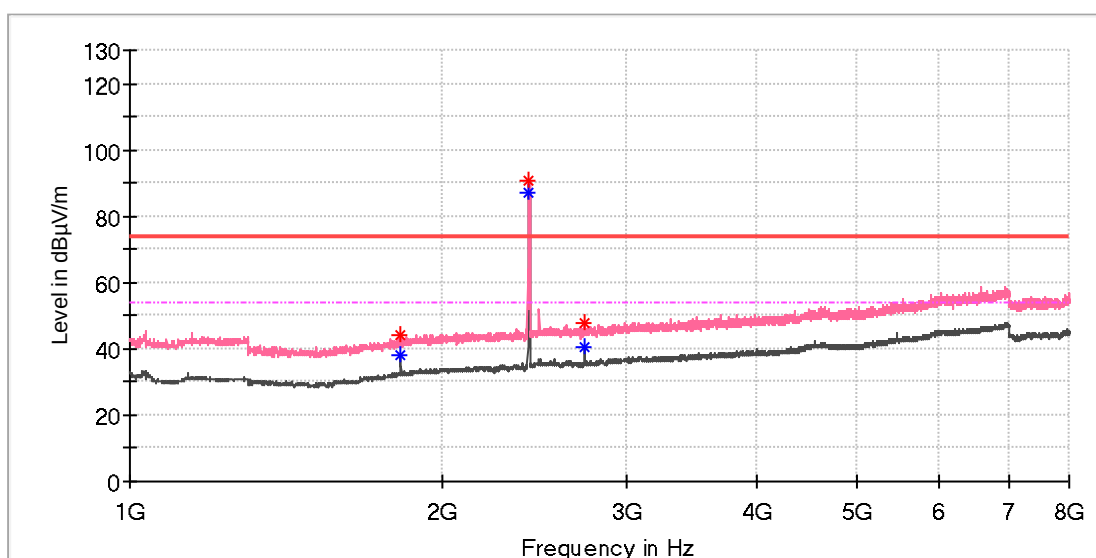


Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1822.600000	43.75	---	74.00	30.25	100.0	H	5.0	4.8
1822.600000	---	38.22	54.00	15.78	100.0	H	5.0	4.8
2447.375000	---	85.29	54.00	-31.29	100.0	H	194.0	7.5
2447.375000	90.98	---	74.00	-16.98	100.0	H	194.0	7.5
2734.637500	46.08	---	74.00	27.92	100.0	H	82.0	7.7
2734.637500	---	41.20	54.00	12.80	100.0	H	82.0	7.7

EUT Information

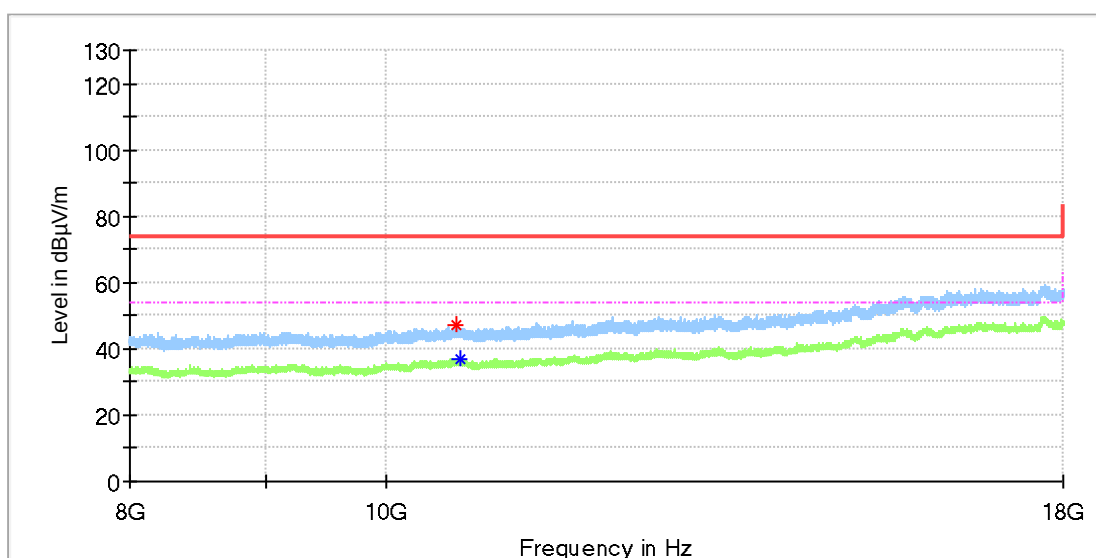
EUT Name: Quarterback Gateway
 Model: T11012860
 Test Mode: Co-location_911.601+wifi
 Test Voltage:: Battery
 Remark: Temp 23 Humi:49%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1822.600000	44.04	---	74.00	29.96	100.0	V	10.0	4.8
1822.600000	---	38.27	54.00	15.73	100.0	V	10.0	4.8
2420.575000	90.89	---	74.00	-16.89	100.0	V	257.0	7.2
2420.575000	---	87.31	54.00	-33.31	100.0	V	257.0	7.2
2734.637500	47.96	---	74.00	26.04	100.0	V	233.0	7.7
2734.637500	---	40.31	54.00	13.69	100.0	V	233.0	7.7

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10632.500000	47.44	---	74.00	26.56	100.0	H	359.0	12.0
10656.666667	---	36.95	54.00	17.05	100.0	H	338.0	12.0

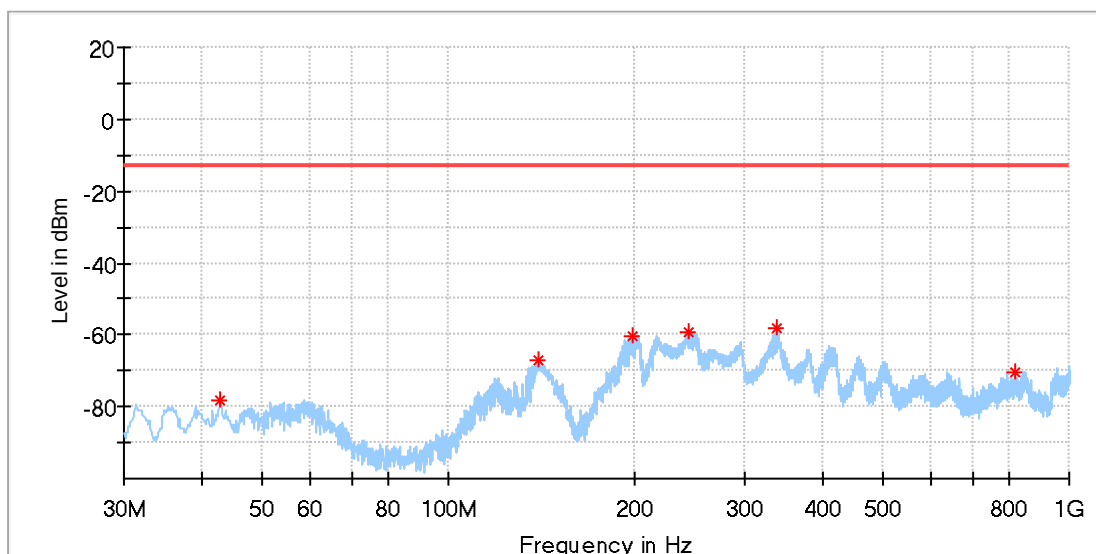
Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5	118.0	120.0	115.0	3.0	1.5	V	135	0.0

Frequency (MHz)	QuasiPeak (dBμV/m)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5	118.0	120.0	118.0	0.0	1.0	V	0	0.0

2.3 WiFi +915MHz transmitter + PCS 1900, bleow 1GHz

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
TestMode:	Co-location_911.601+wifi+GSM1900
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



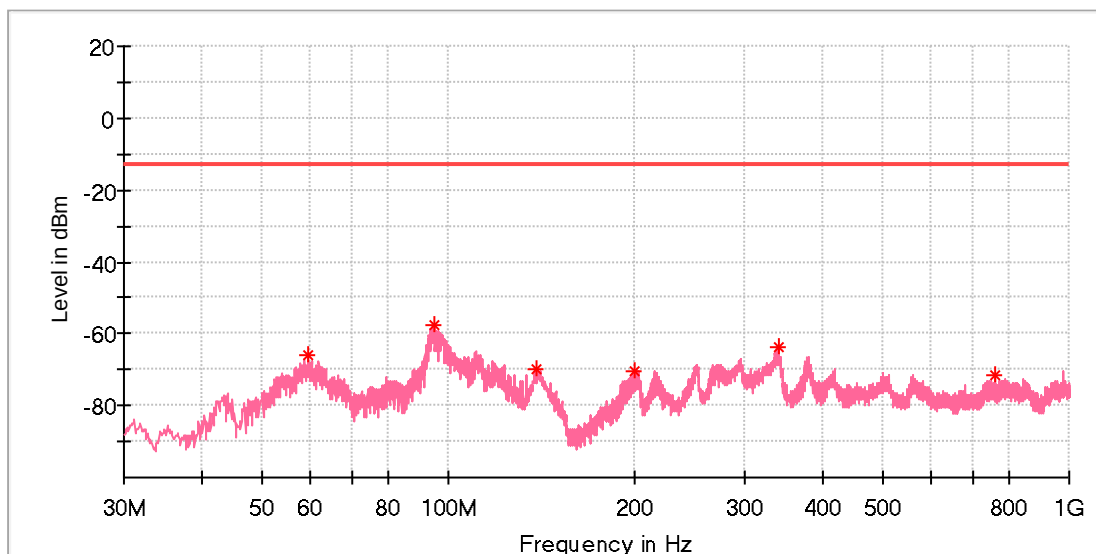
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.973750	-78.04	-13.00	65.04	100.0	H	0.0	-113.2
139.973750	-67.00	-13.00	54.00	100.0	H	81.0	-123.2
197.446250	-60.17	-13.00	47.17	100.0	H	103.0	-115.1
244.006250	-58.99	-13.00	45.99	100.0	H	128.0	-110.0
339.066250	-58.41	-13.00	45.41	100.0	H	120.0	-112.9
817.155000	-70.50	-13.00	57.50	100.0	H	111.0	-100.4

Produkte
Products

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+GSM1900
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

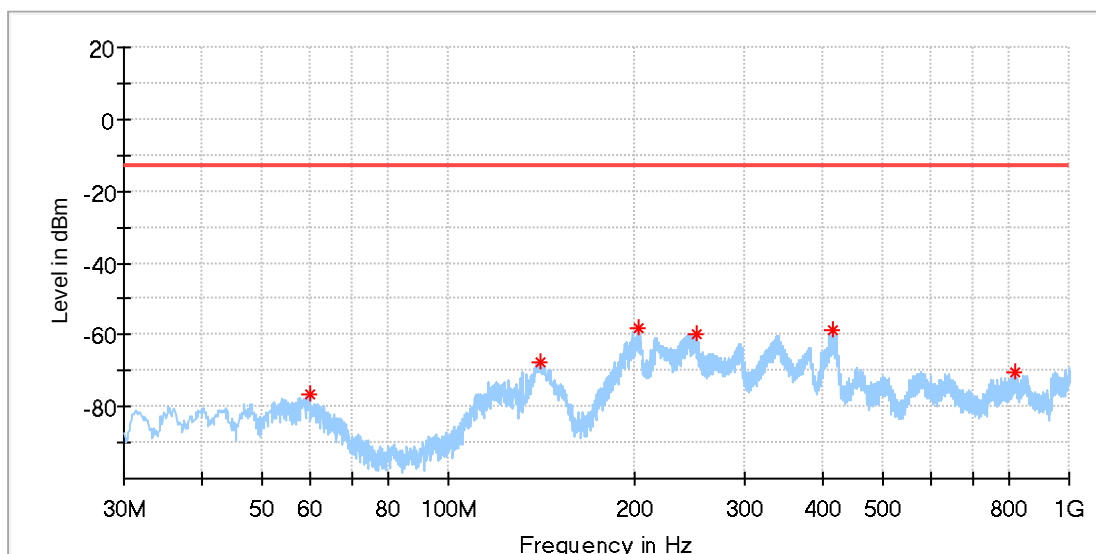
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.463750	-65.89	-13.00	52.89	100.0	V	173.0	-120.5
94.626250	-57.63	-13.00	44.63	100.0	V	43.0	-99.7
138.882500	-69.96	-13.00	56.96	100.0	V	133.0	-118.8
199.871250	-70.39	-13.00	57.39	100.0	V	0.0	-117.9
340.157500	-63.64	-13.00	50.64	100.0	V	204.0	-111.2
759.925000	-71.62	-13.00	58.62	100.0	V	43.0	-103.1

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-129.5	-132.5	-135	5.5	150	V	135	0

2.5 WiFi +915MHz transmitter + LTE CAT M1 Band 2, below 1GHz

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+eMTC
Test Voltage:	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

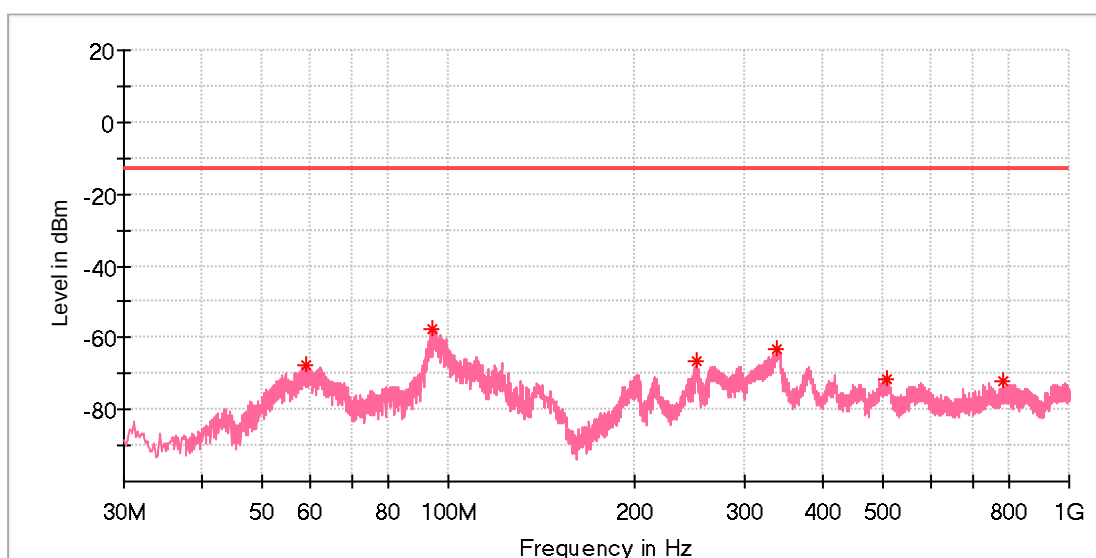


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.827500	-76.68	-13.00	63.68	100.0	H	103.0	-116.6
140.337500	-67.56	-13.00	54.56	100.0	H	260.0	-123.1
202.296250	-58.37	-13.00	45.37	100.0	H	115.0	-115.1
250.917500	-59.67	-13.00	46.67	100.0	H	238.0	-110.2
415.575000	-58.54	-13.00	45.54	100.0	H	122.0	-109.5
818.973750	-70.37	-13.00	57.37	100.0	H	137.0	-100.4

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+eMTC
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

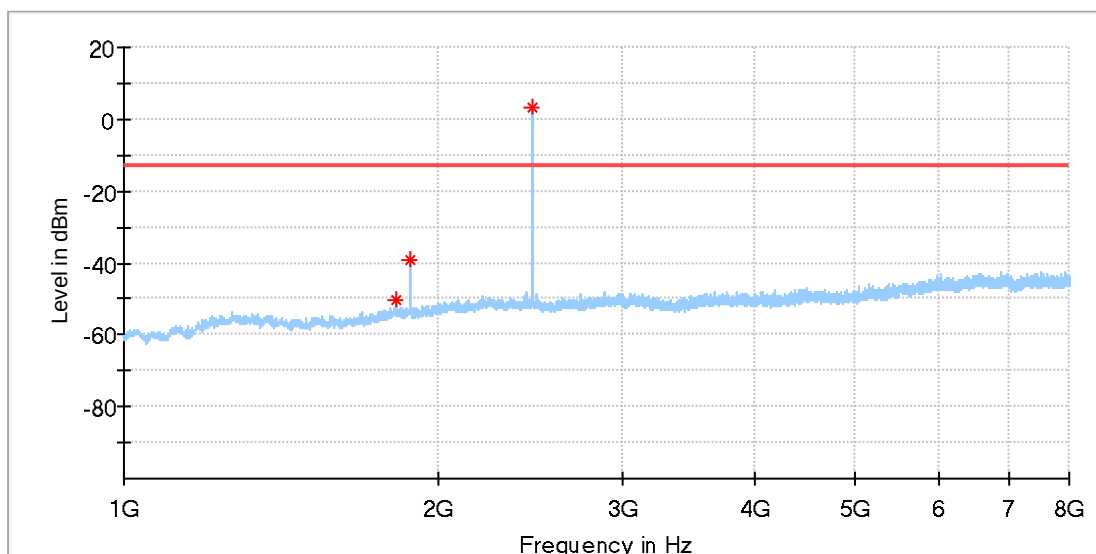


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.100000	-67.75	-13.00	54.75	100.0	V	341.0	-120.7
94.383750	-57.78	-13.00	44.78	100.0	V	19.0	-99.7
251.038750	-66.36	-13.00	53.36	100.0	V	200.0	-114.5
339.187500	-63.01	-13.00	50.01	100.0	V	142.0	-111.3
507.603750	-71.36	-13.00	58.36	100.0	V	118.0	-108.8
781.265000	-72.28	-13.00	59.28	100.0	V	282.0	-102.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+eMTC
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
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)
1822.500000	-50.48	---	-13.00	37.48	100.0	H	246.0	-90.2
1880.000000	-39.44	---	-13.00	26.44	100.0	H	106.0	-90.0
2455.500000	3.38	---	-13.00	-16.38	100.0	H	339.0	-87.9

Final Result

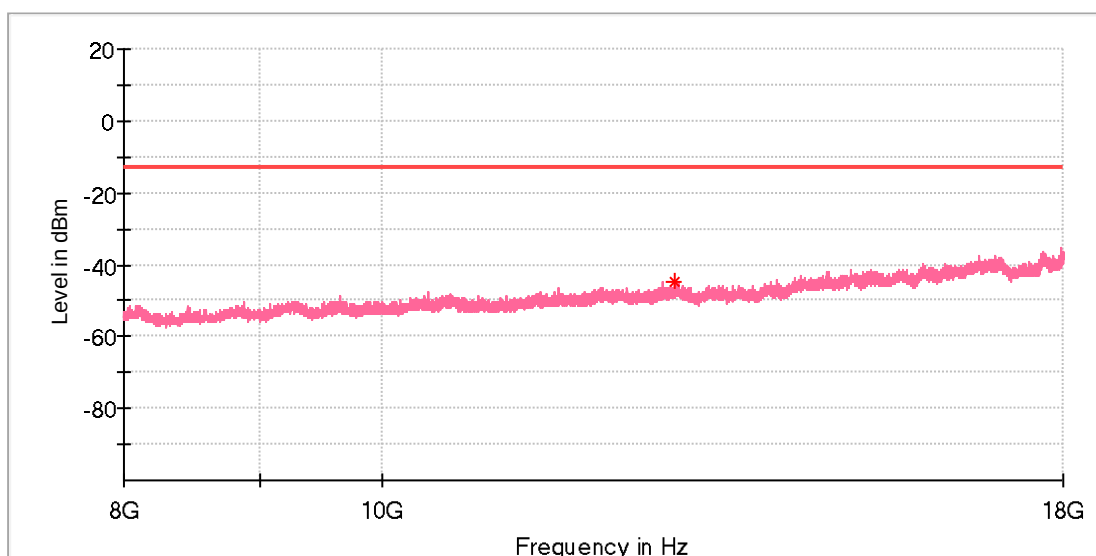
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
100.0000	-100.00	-100.00	-100.00	0.00	100.00		0.00	0.00

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
93.75	120.00	100.00	120.00	0.00	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	-128.0	-138.0	-147.0	19.0	150	V	135	0.0

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+eMTC
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
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)
12864.500000	-44.90	---	-13.00	31.90	100.0	V	134.0	-79.0

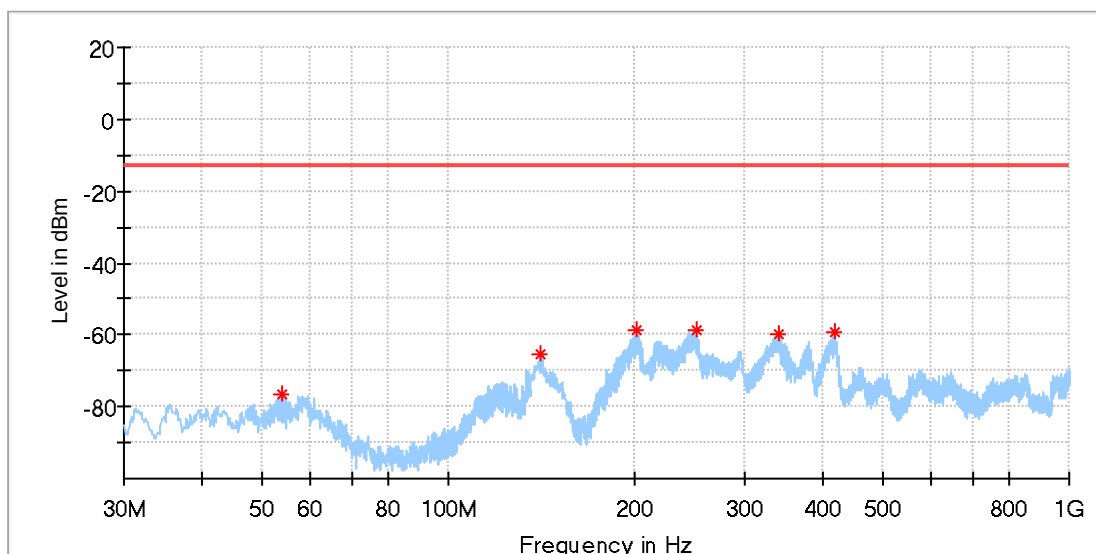
Final_Result

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

2.7 WiFi +915MHz transmitter + NB-IoT Band 4, below 1GHz

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+NBIOT
Test Voltage:	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

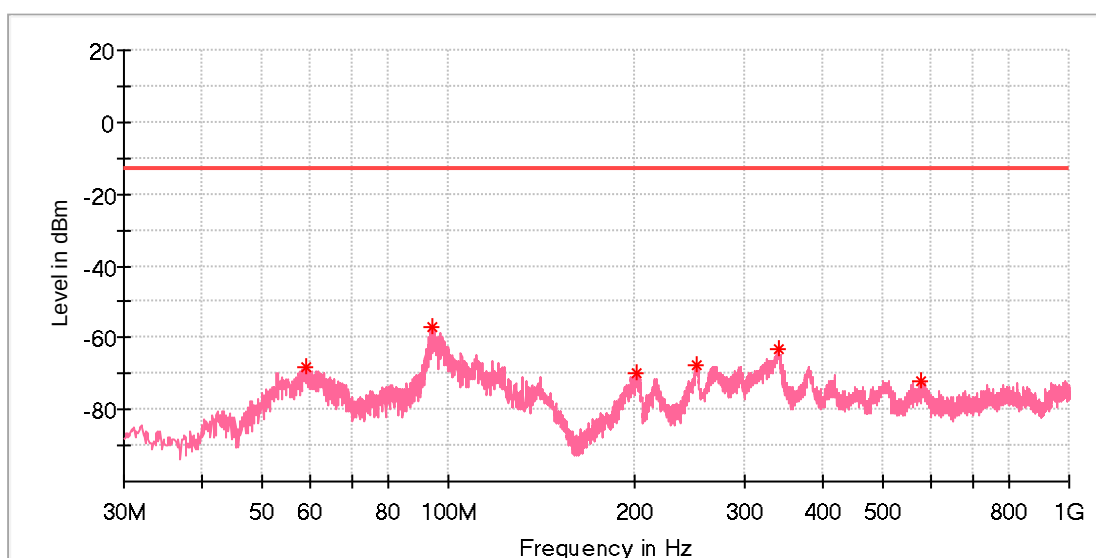


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
53.765000	-76.76	-13.00	63.76	100.0	H	128.0	-116.0
140.337500	-65.32	-13.00	52.32	100.0	H	76.0	-123.1
201.568750	-58.90	-13.00	45.90	100.0	H	91.0	-115.1
250.553750	-58.89	-13.00	45.89	100.0	H	105.0	-110.1
340.036250	-59.65	-13.00	46.65	100.0	H	224.0	-112.8
418.848750	-59.42	-13.00	46.42	100.0	H	128.0	-109.4

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+NBIOT
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



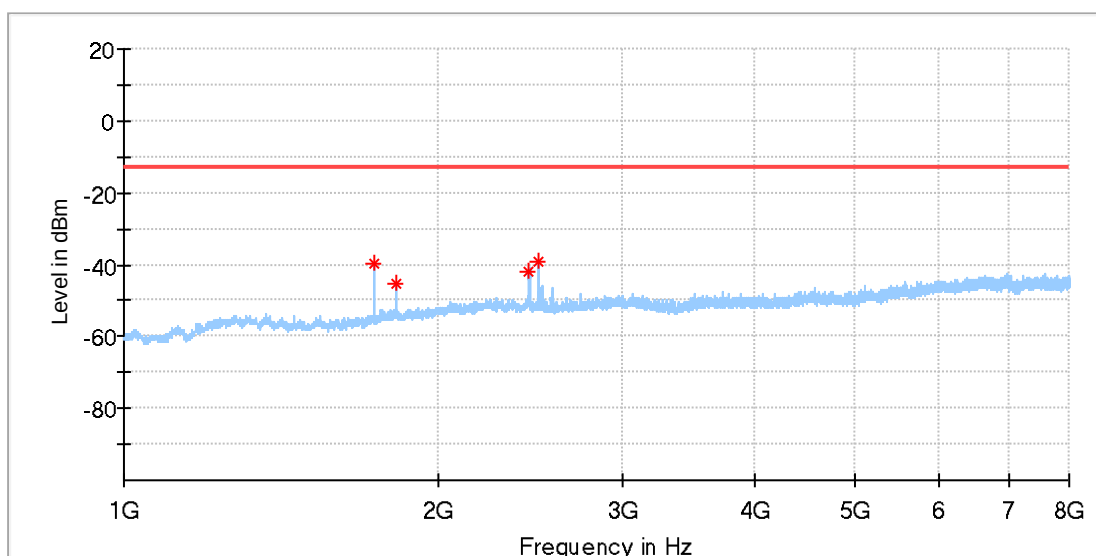
Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
58.978750	-68.04	-13.00	55.04	100.0	V	185.0	-120.7
94.262500	-56.98	-13.00	43.98	100.0	V	66.0	-99.7
200.356250	-69.98	-13.00	56.98	100.0	V	26.0	-117.9
250.917500	-67.52	-13.00	54.52	100.0	V	164.0	-114.5
340.400000	-63.41	-13.00	50.41	100.0	V	141.0	-111.2
577.201250	-72.25	-13.00	59.25	100.0	V	0.0	-106.9

2.8 WiFi +915MHz transmitter + NB-IoT Band 4, above 1GHz

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+NBIOT
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
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)
1732.500000	-39.91	---	-13.00	26.91	100.0	H	129.0	-91.4
1823.000000	-45.11	---	-13.00	32.11	100.0	H	281.0	-90.2
2437.500000	-41.94	---	-13.00	28.94	100.0	H	223.0	-87.7
2487.000000	-39.15	---	-13.00	26.15	100.0	H	144.0	-88.1

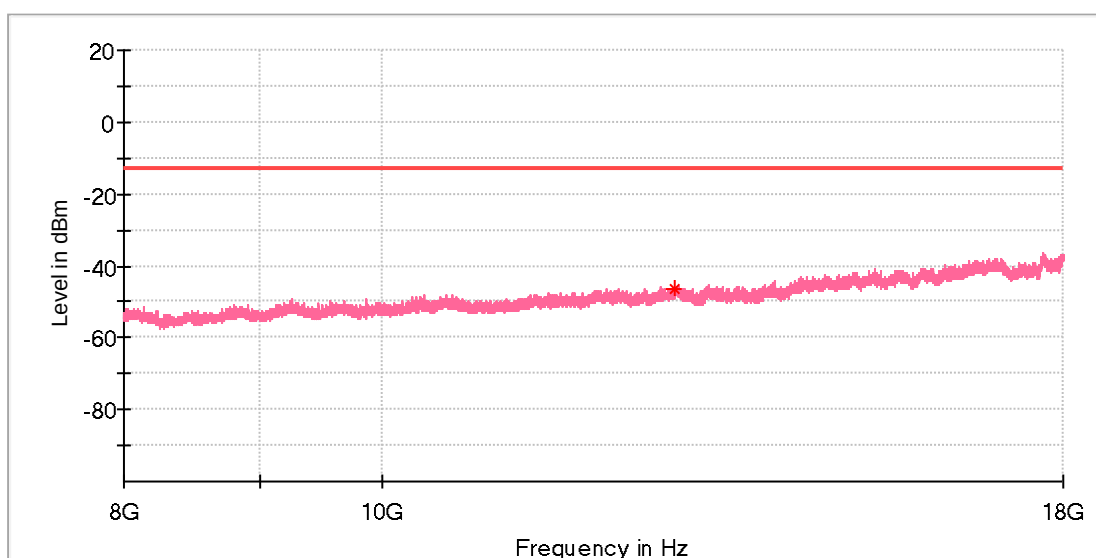
Final Result

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
144.375	-128.0	-130.0	-135.0	6.0	15.0	V	135.0	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

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 Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	Co-location_911.601+wifi+NBIOT
Test Voltage::	Battery
Remark:	Temp 23 Humi:49%
Test Standard:	FCC Part 22
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)
12866.000000	-46.19	---	-13.00	33.19	100.0	V	77.0	-79.0

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	0.000000	100.000000		0.000000	0.000000