EUT Information

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

Critical_Freqs

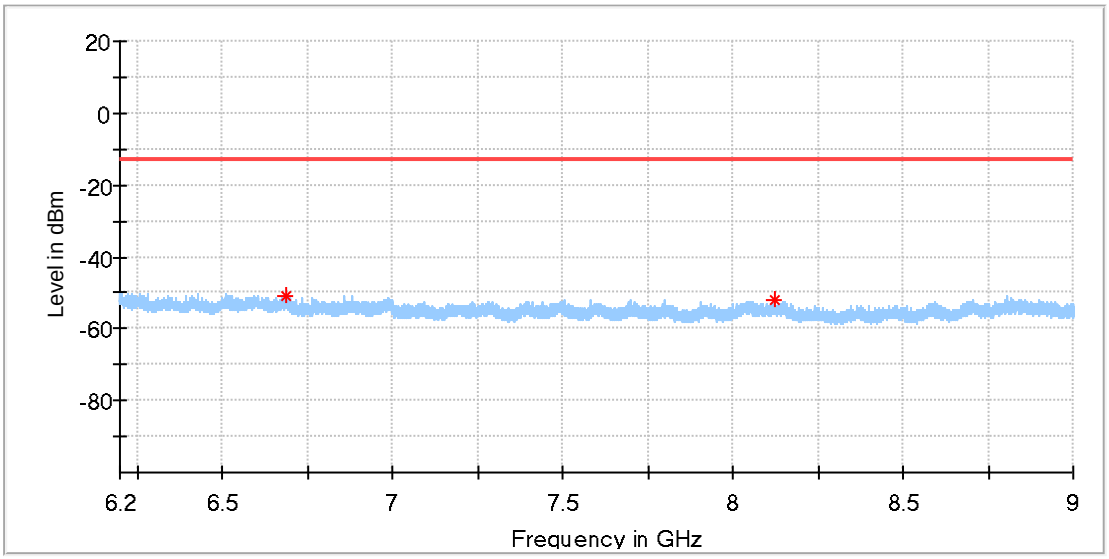
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6584.650000	-51.31	---	-13.00	38.31	100.0	V	44.0	-87.8
8021.516667	-51.20	---	-13.00	38.20	100.0	V	338.0	-87.2

Final_Result

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

EUT Information

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



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6687.666667	-50.74	---	-13.00	37.74	100.0	H	309.0	-87.8
8122.200000	-52.06	---	-13.00	39.06	100.0	H	354.0	-86.9

Final_Result

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

EUT Information

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

Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6604.950000	-50.80	---	-13.00	37.80	100.0	V	3.0	-88.1
8046.016667	-51.52	---	-13.00	38.52	100.0	V	243.0	-86.9

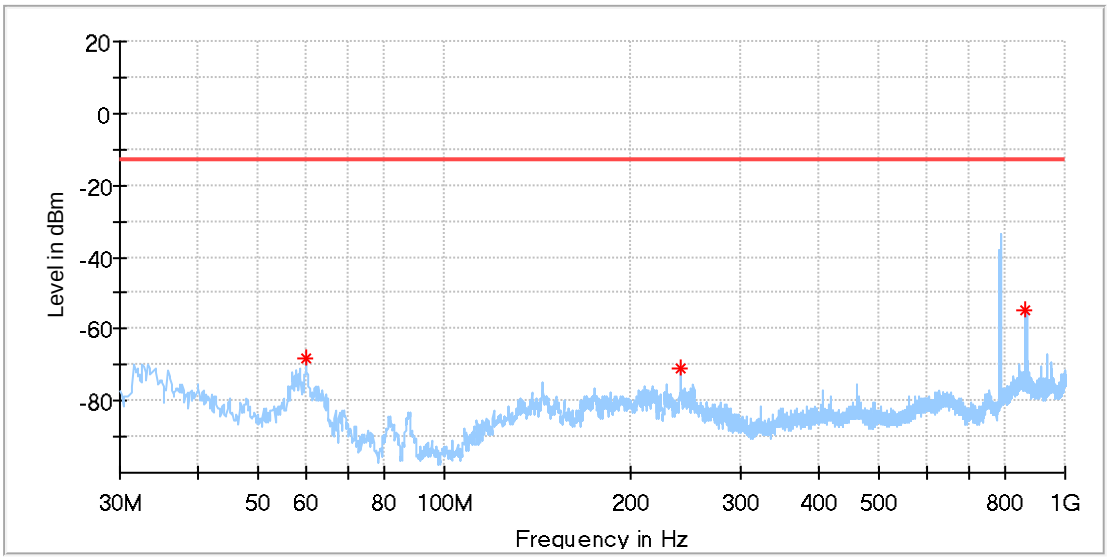
Final_Result

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

Band 13

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_5M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

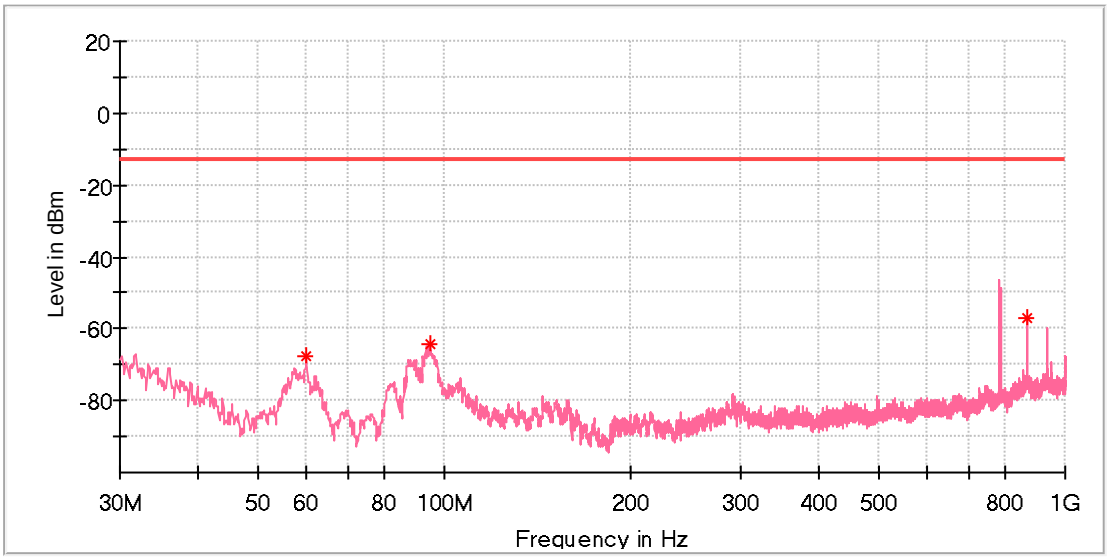
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.948750	-68.38	---	-13.00	55.38	100.0	H	290.0	-116.6
240.005000	-71.06	---	-13.00	58.06	100.0	H	116.0	-110.5
863.230000	-54.73	---	-13.00	41.73	100.0	H	177.0	-99.9

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_5M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

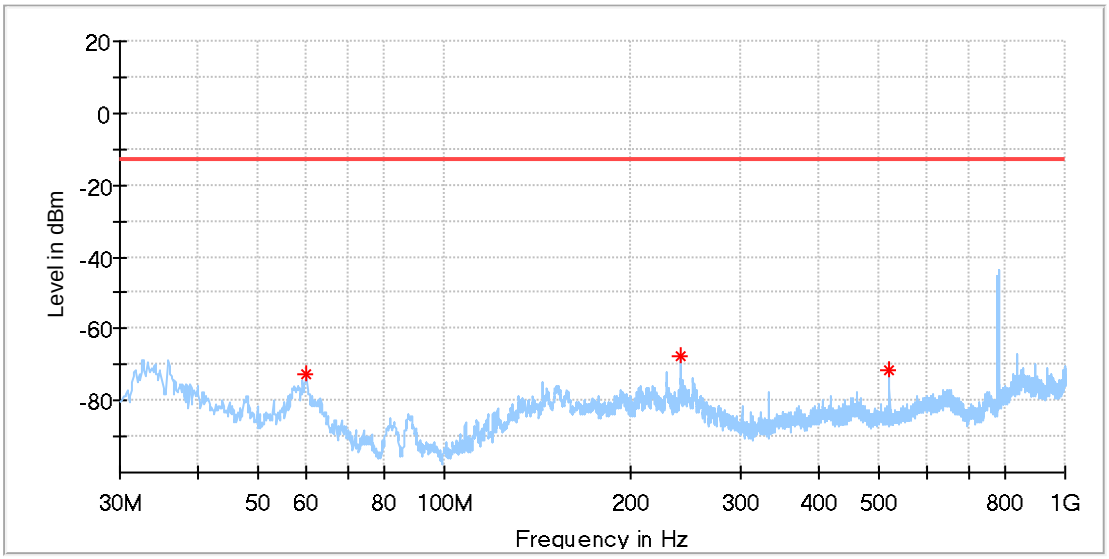
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.827500	-67.41	---	-13.00	54.41	100.0	V	178.0	-120.4
94.626250	-64.40	---	-13.00	51.40	100.0	V	272.0	-99.7
869.413750	-56.87	---	-13.00	43.87	100.0	V	210.0	-99.9

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_5M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

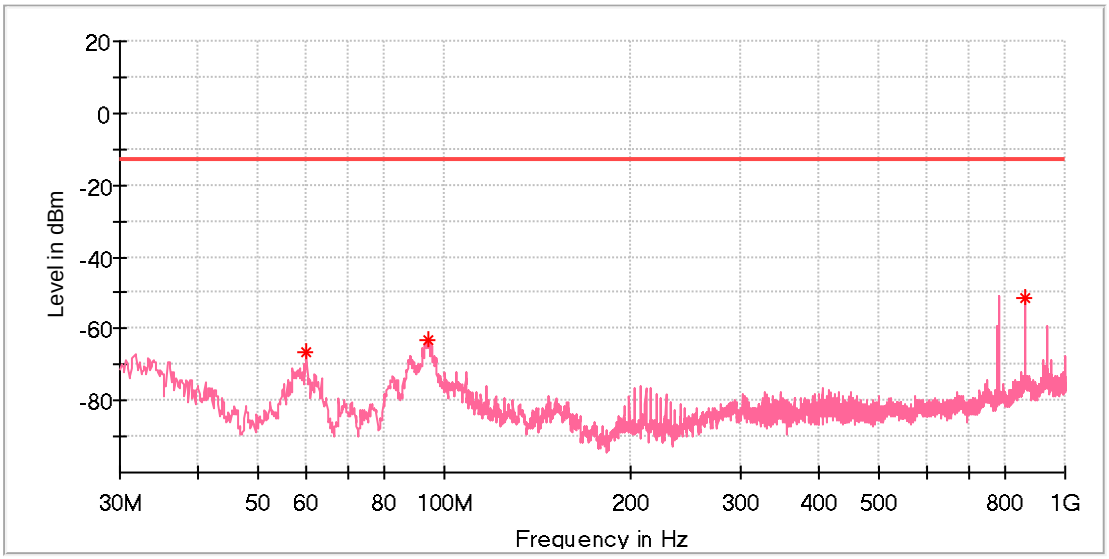
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.948750	-72.56	---	-13.00	59.56	100.0	H	152.0	-116.6
240.005000	-67.72	---	-13.00	54.72	100.0	H	232.0	-110.5
521.790000	-71.62	---	-13.00	58.62	100.0	H	98.0	-110.0

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_5M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

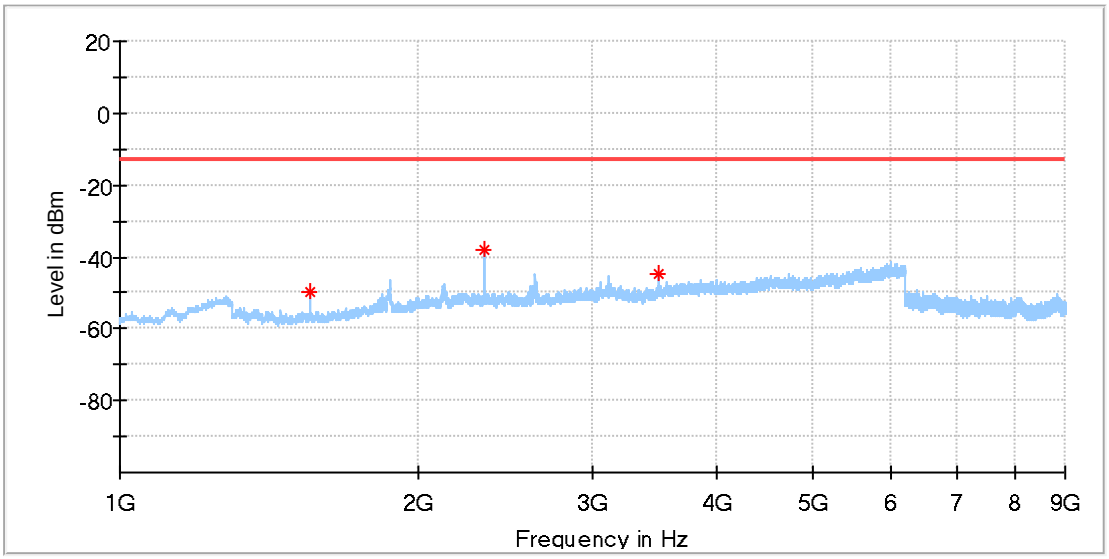
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
59.827500	-66.42	---	-13.00	53.42	100.0	V	177.0	-120.4
94.262500	-63.08	---	-13.00	50.08	100.0	V	177.0	-99.7
863.351250	-51.44	---	-13.00	38.44	100.0	V	123.0	-99.7

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_5M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

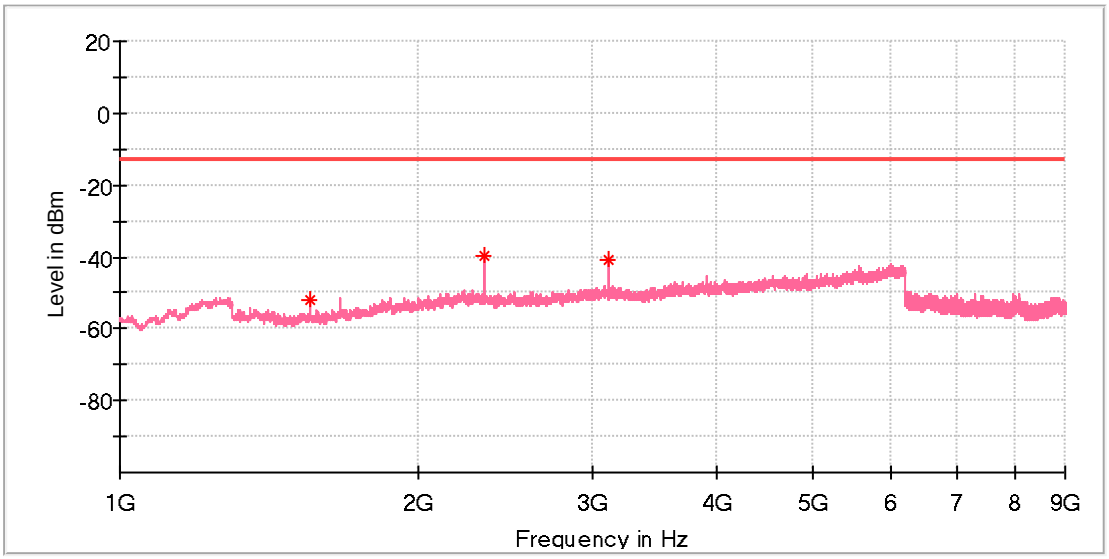
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-49.58	---	-13.00	36.58	100.0	H	43.0	-92.9
2331.500000	-37.93	---	-13.00	24.93	100.0	H	167.0	-87.7
3504.500000	-44.52	---	-13.00	31.52	100.0	H	247.0	-86.3

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_5M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

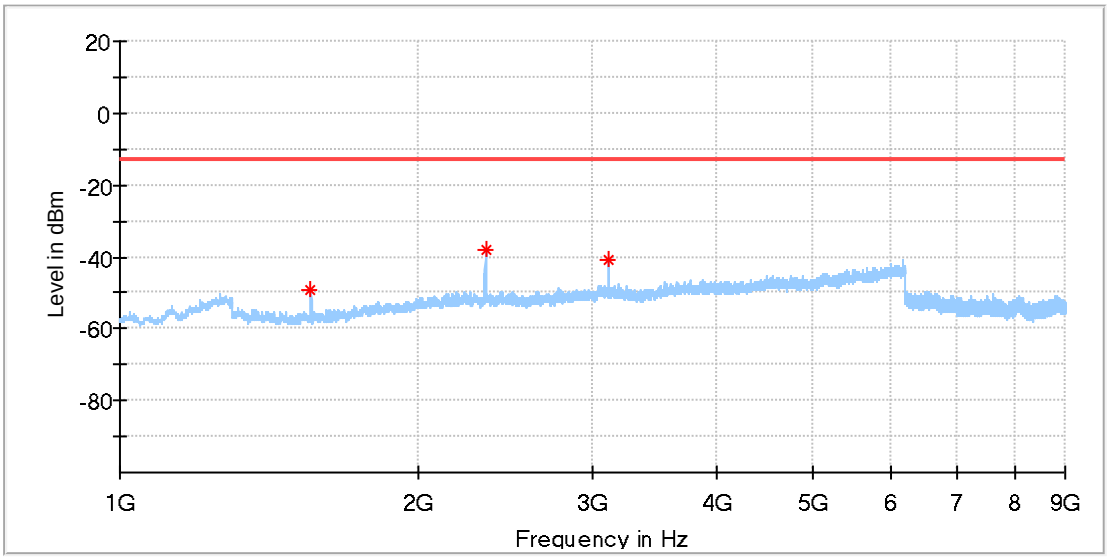
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1554.500000	-52.10	---	-13.00	39.10	100.0	V	240.0	-92.9
2332.000000	-39.72	---	-13.00	26.72	100.0	V	278.0	-88.0
3109.500000	-41.09	---	-13.00	28.09	100.0	V	0.0	-86.3

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_5M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

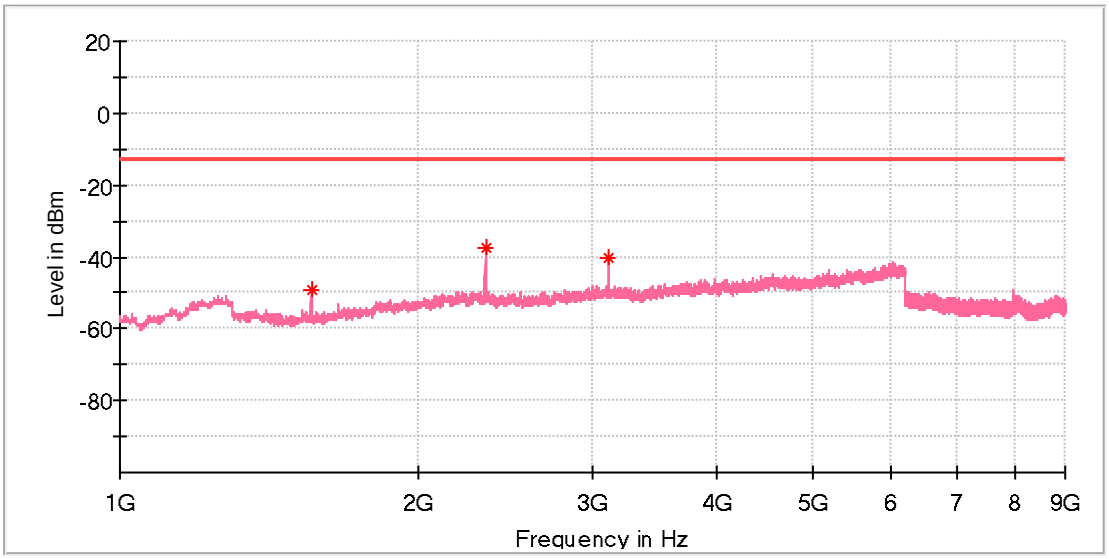
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1559.500000	-49.46	---	-13.00	36.46	100.0	H	29.0	-92.9
2339.500000	-38.26	---	-13.00	25.26	100.0	H	174.0	-87.6
3119.500000	-40.99	---	-13.00	27.99	100.0	H	331.0	-86.2

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_5M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

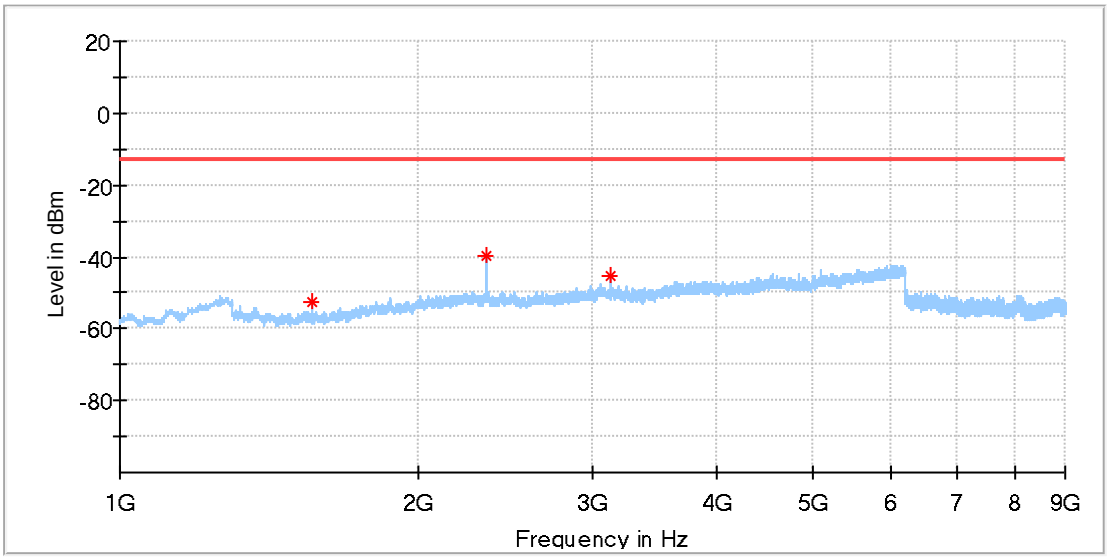
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1560.000000	-49.47	---	-13.00	36.47	100.0	V	107.0	-92.9
2339.000000	-37.52	---	-13.00	24.52	100.0	V	292.0	-87.9
3119.500000	-40.09	---	-13.00	27.09	100.0	V	0.0	-86.3

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_5M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

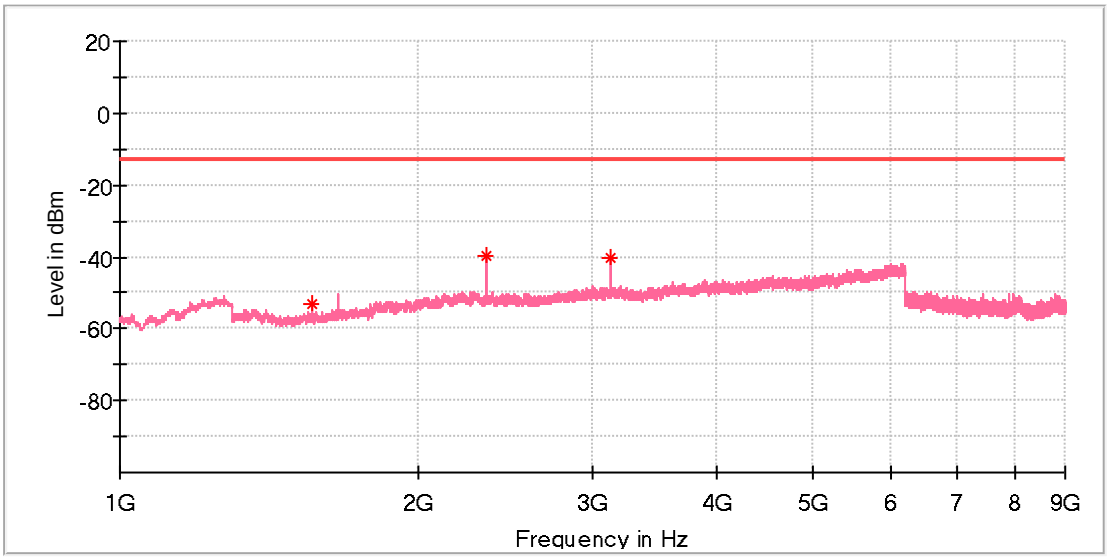
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1565.000000	-52.74	---	-13.00	39.74	100.0	H	7.0	-93.0
2347.000000	-39.63	---	-13.00	26.63	100.0	H	168.0	-87.5
3129.000000	-45.16	---	-13.00	32.16	100.0	H	34.0	-86.0

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_5M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

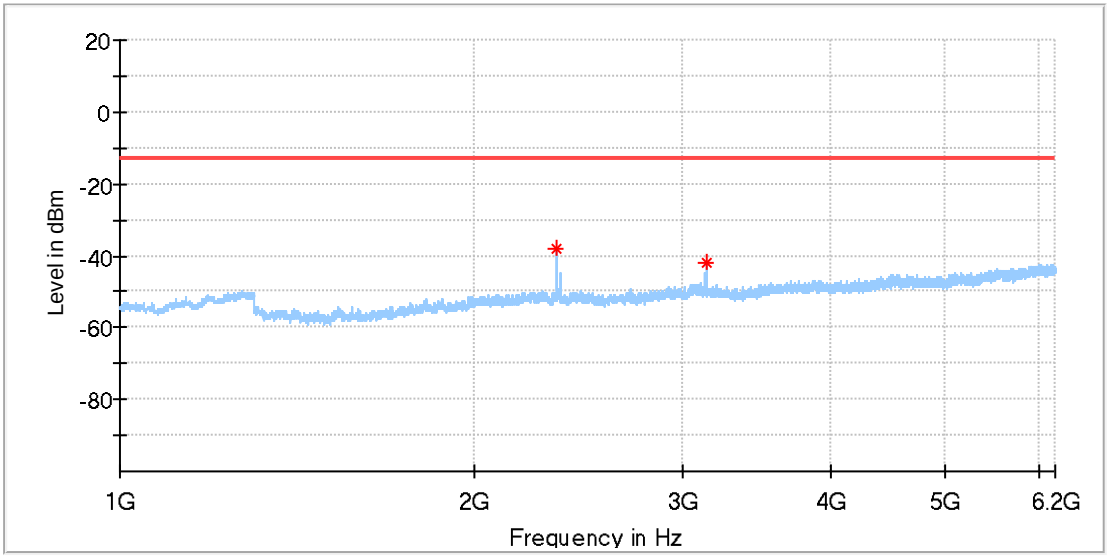
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1564.500000	-53.17	---	-13.00	40.17	100.0	V	51.0	-93.0
2347.000000	-39.46	---	-13.00	26.46	100.0	V	296.0	-87.8
3129.000000	-40.13	---	-13.00	27.13	100.0	V	357.0	-86.2

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_5M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

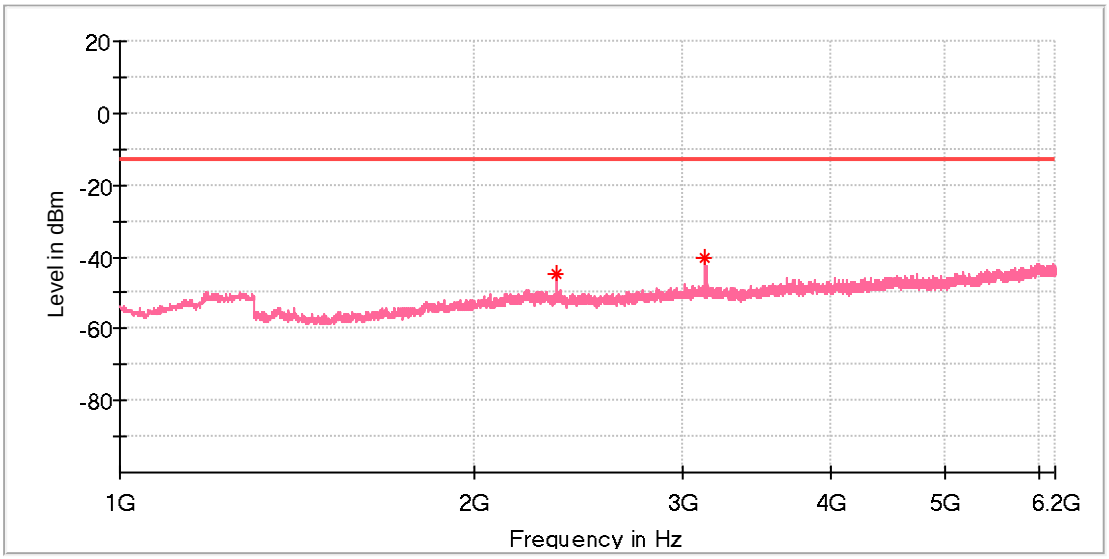
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2347.000000	-38.19	---	-13.00	25.19	100.0	H	276.0	-87.5
3146.000000	-42.07	---	-13.00	29.07	100.0	H	174.0	-85.9

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_5M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

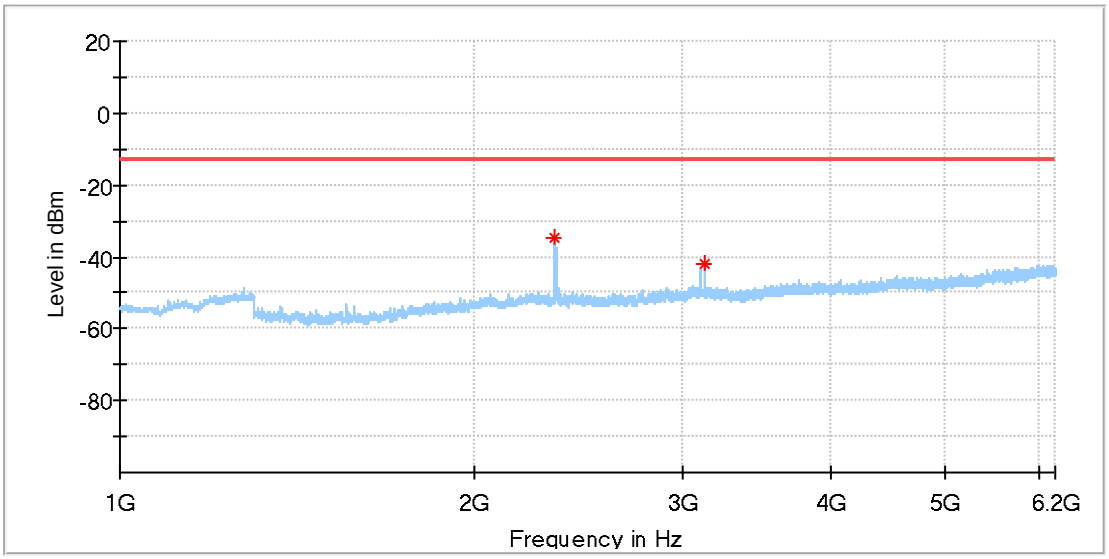
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2347.000000	-45.00	---	-13.00	32.00	100.0	V	251.0	-87.8
3129.000000	-40.21	---	-13.00	27.21	100.0	V	216.0	-86.2

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_5M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

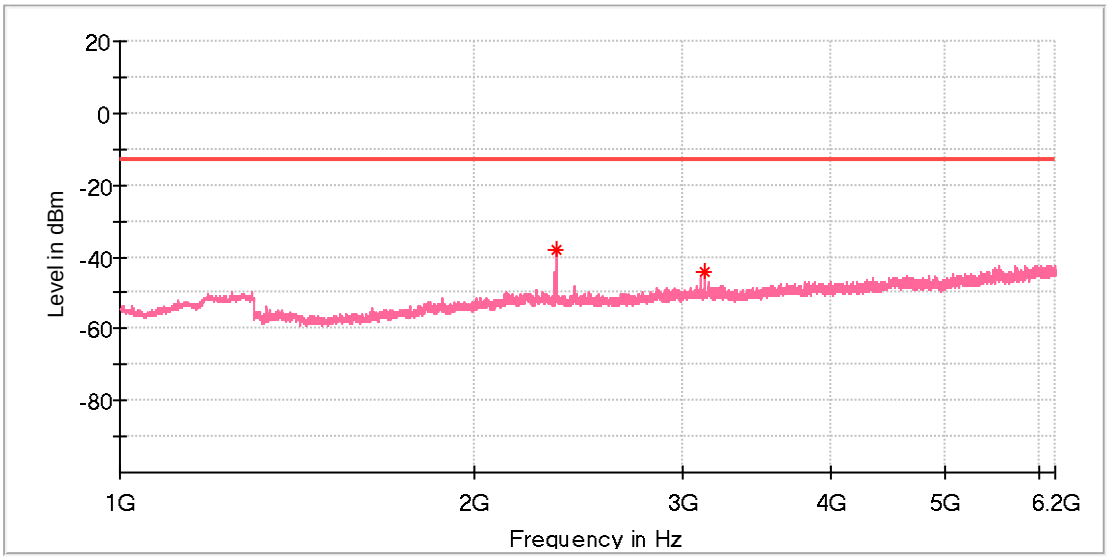
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2331.500000	-34.86	---	-13.00	21.86	100.0	H	295.0	-87.7
3126.500000	-41.69	---	-13.00	28.69	100.0	H	197.0	-86.0

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_5M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

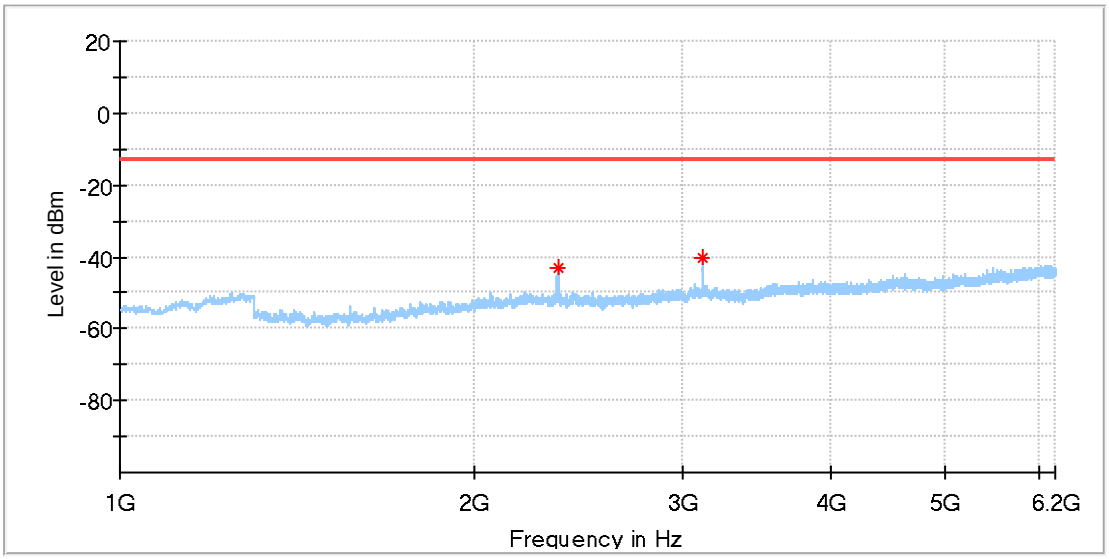
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2345.000000	-37.94	---	-13.00	24.94	100.0	V	354.0	-87.8
3127.000000	-44.04	---	-13.00	31.04	100.0	V	34.0	-86.2

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_5M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

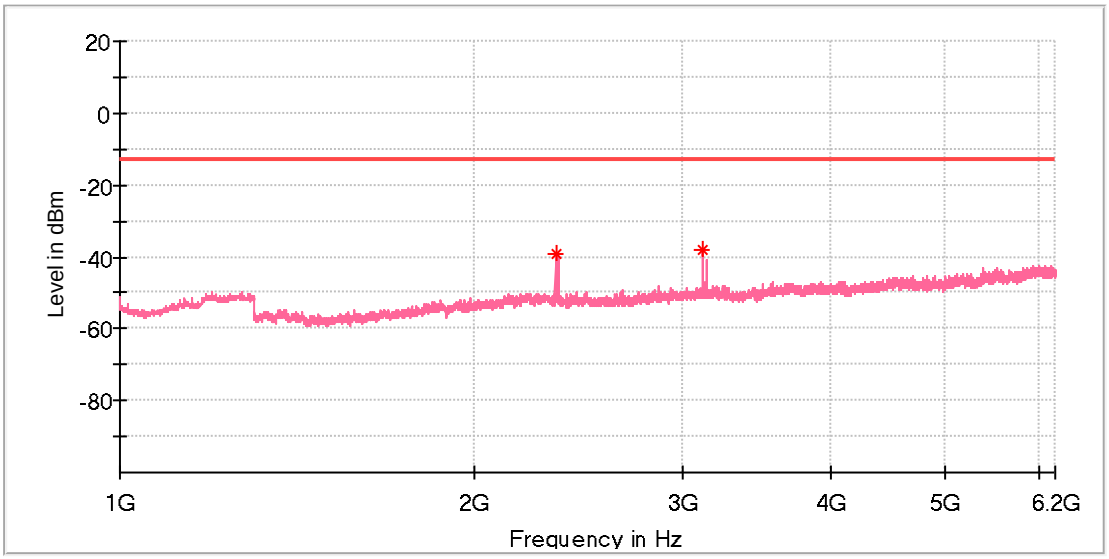
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2352.500000	-43.09	---	-13.00	30.09	100.0	H	59.0	-87.4
3119.500000	-40.36	---	-13.00	27.36	100.0	H	295.0	-86.2

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_5M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

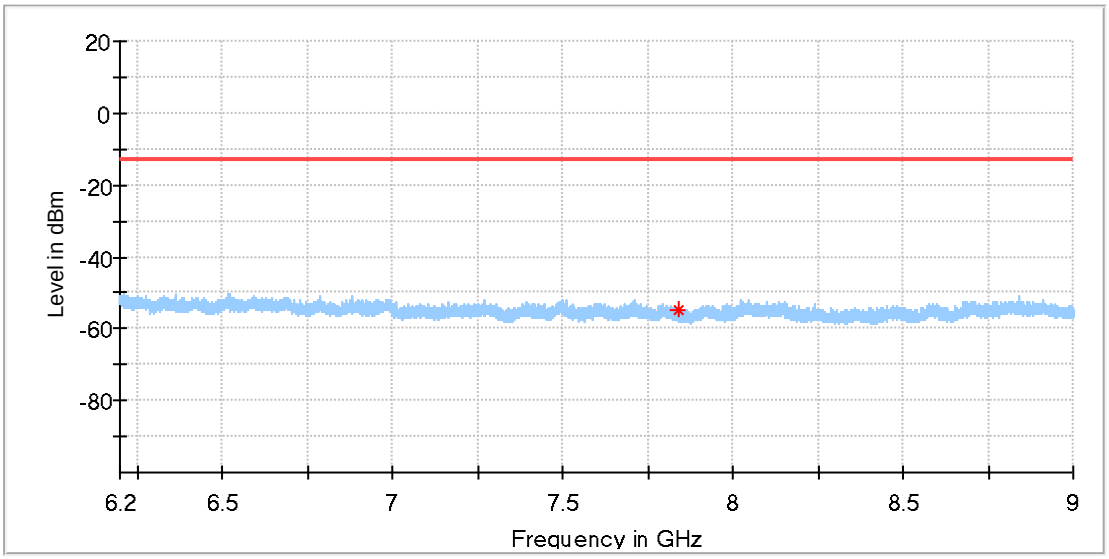
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2340.000000	-39.02	---	-13.00	26.02	100.0	V	94.0	-87.9
3120.500000	-38.16	---	-13.00	25.16	100.0	V	275.0	-86.3

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_5M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
7842.200000	-54.89	---	-13.00	41.89	100.0	H	12.0	-87.5

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_5M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

Critical_Freqs

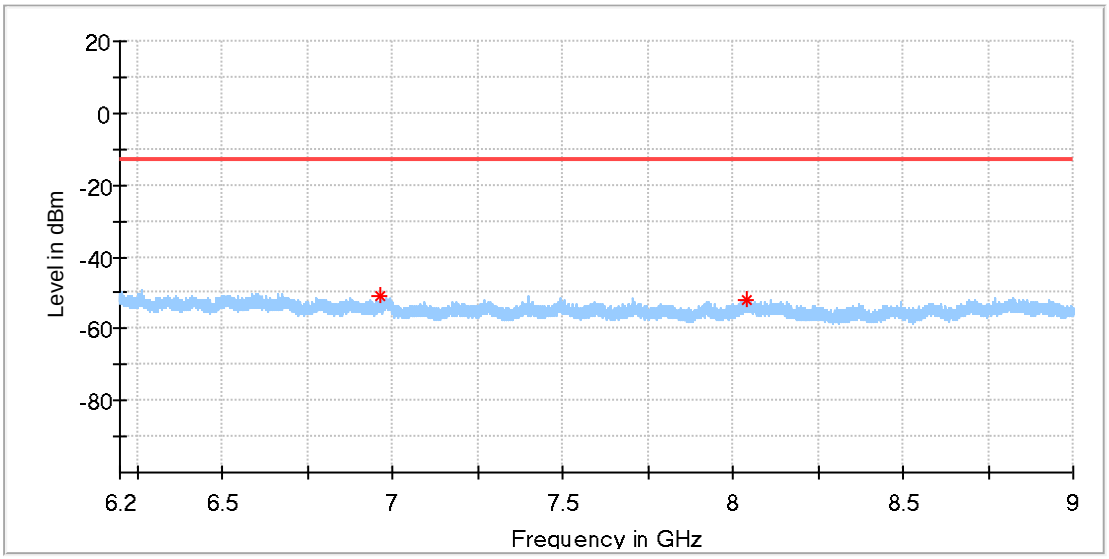
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
7850.016667	-54.02	---	-13.00	41.02	100.0	V	256.0	-87.3

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_5M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6966.500000	-50.72	---	-13.00	37.72	100.0	H	153.0	-88.3
8040.650000	-51.80	---	-13.00	38.80	100.0	H	85.0	-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_5M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

Critical_Freqs

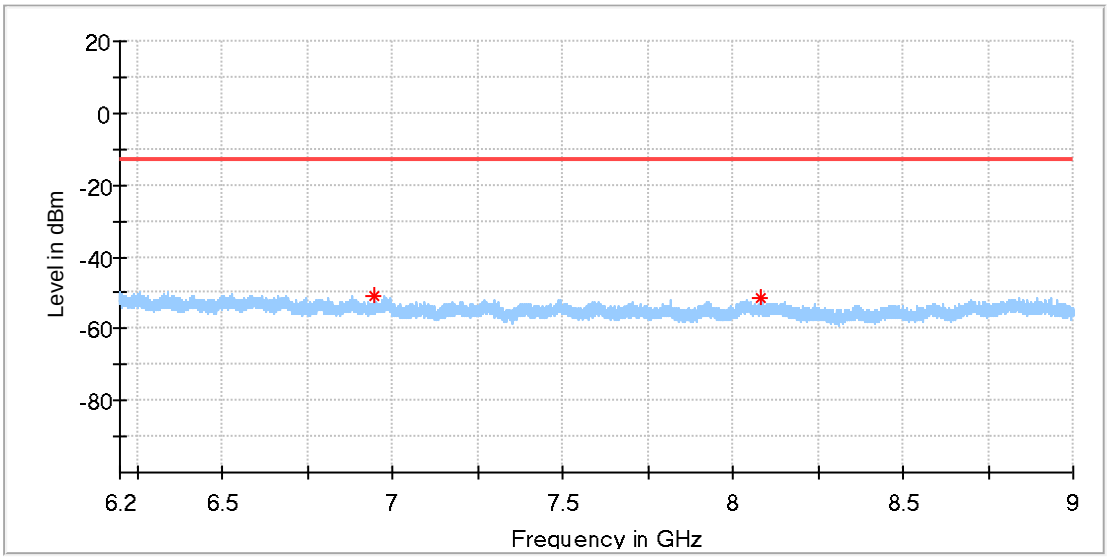
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6996.833333	-51.17	---	-13.00	38.17	100.0	V	18.0	-88.3
8120.566667	-51.73	---	-13.00	38.73	100.0	V	83.0	-86.9

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_5M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6948.416667	-50.72	---	-13.00	37.72	100.0	H	315.0	-88.3
8081.716667	-51.34	---	-13.00	38.34	100.0	H	138.0	-86.6

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_5M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
6982.133333	-51.62	---	-13.00	38.62	100.0	V	139.0	-88.3
8050.333333	-52.04	---	-13.00	39.04	100.0	V	158.0	-86.8

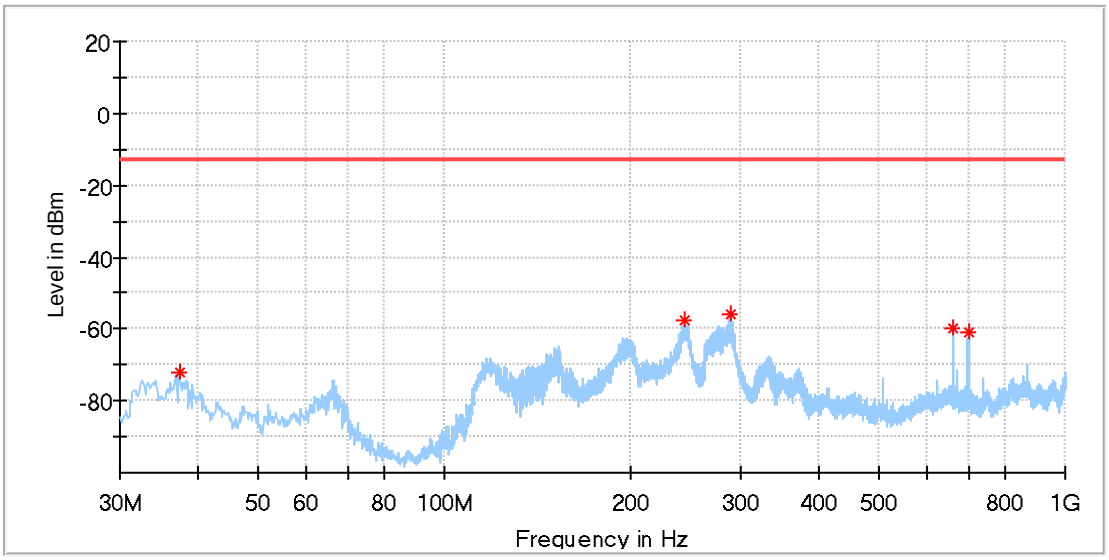
Final_Result

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

Band 26 High

EUT Information

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



Critical_Freqs

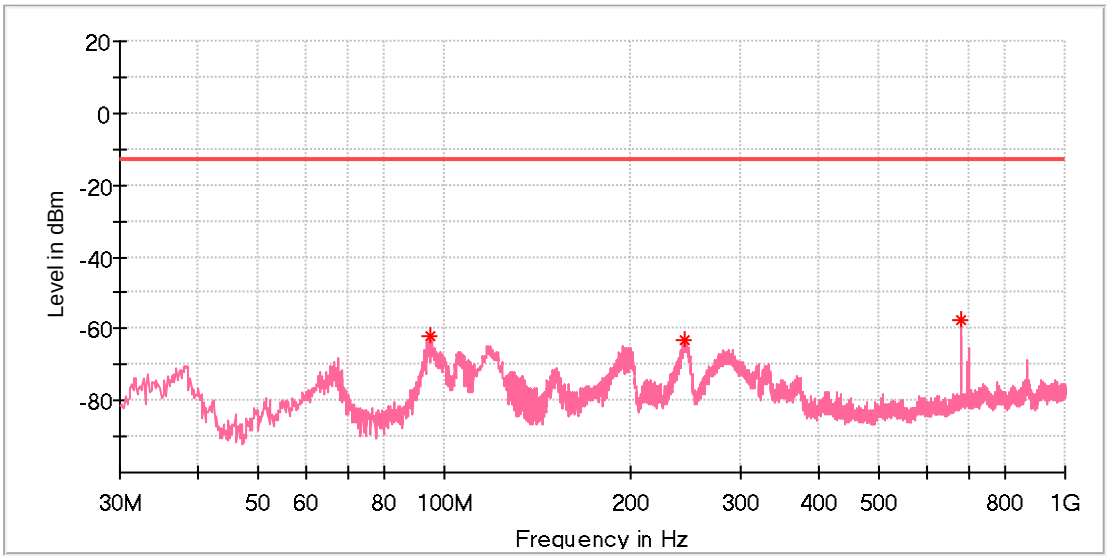
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.396250	-72.30	---	-13.00	59.30	100.0	H	262.0	-113.8
244.006250	-57.85	---	-13.00	44.85	100.0	H	0.0	-110.0
289.111250	-55.96	---	-13.00	42.96	100.0	H	246.0	-114.0
658.560000	-59.67	---	-13.00	46.67	100.0	H	359.0	-105.1
697.845000	-60.76	---	-13.00	47.76	100.0	H	10.0	-106.2

Final_Result

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

EUT Information

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



Critical_Freqs

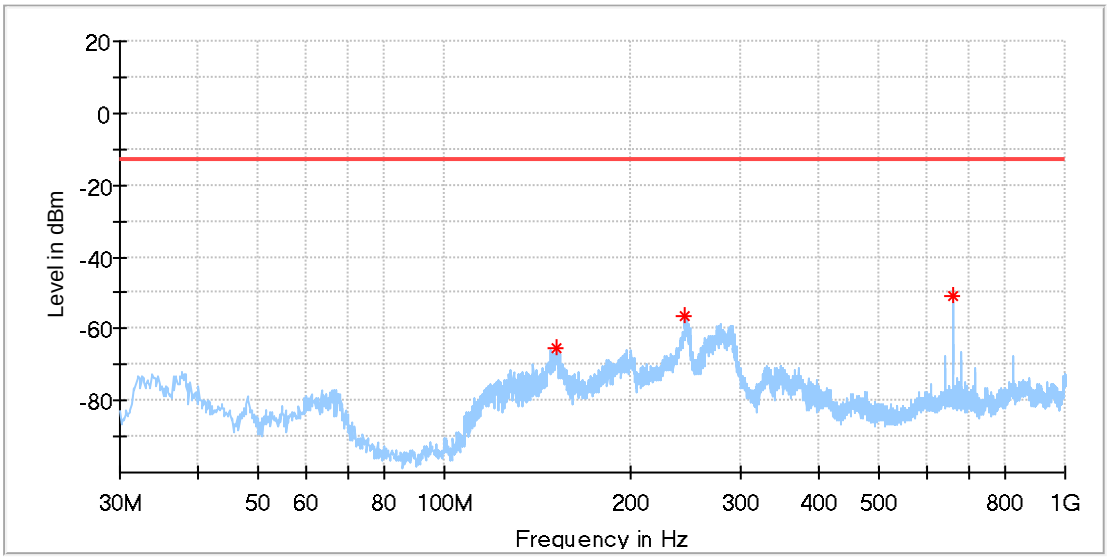
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.626250	-62.03	---	-13.00	49.03	100.0	V	16.0	-99.7
244.127500	-62.89	---	-13.00	49.89	100.0	V	288.0	-115.6
678.687500	-57.42	---	-13.00	44.42	100.0	V	241.0	-104.6

Final_Result

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

EUT Information

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



Critical_Freqs

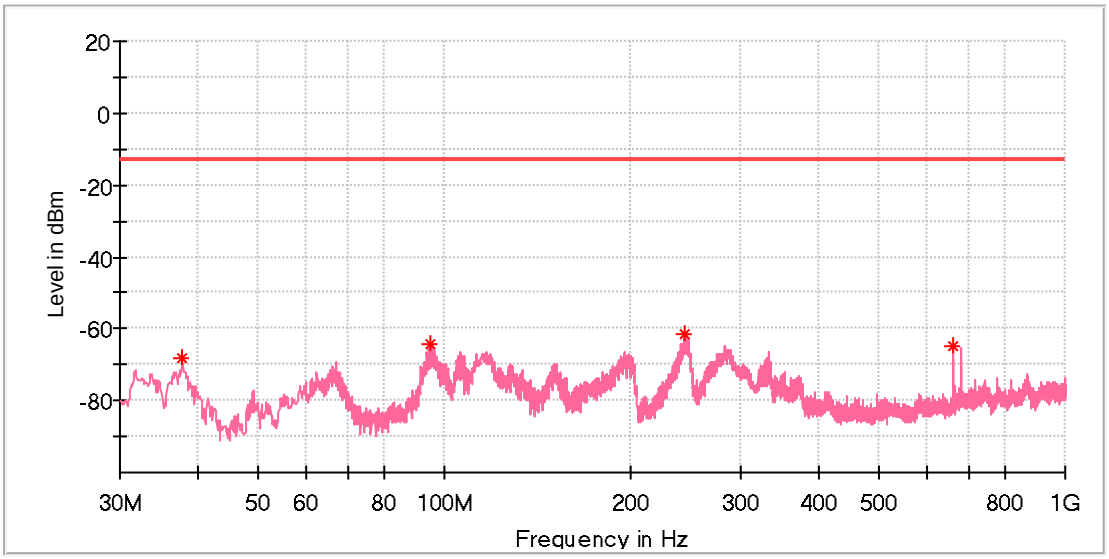
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
151.856250	-65.18	---	-13.00	52.18	100.0	H	84.0	-123.3
244.370000	-56.70	---	-13.00	43.70	100.0	H	341.0	-110.0
659.772500	-50.88	---	-13.00	37.88	100.0	H	137.0	-105.2

Final_Result

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

EUT Information

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



Critical_Freqs

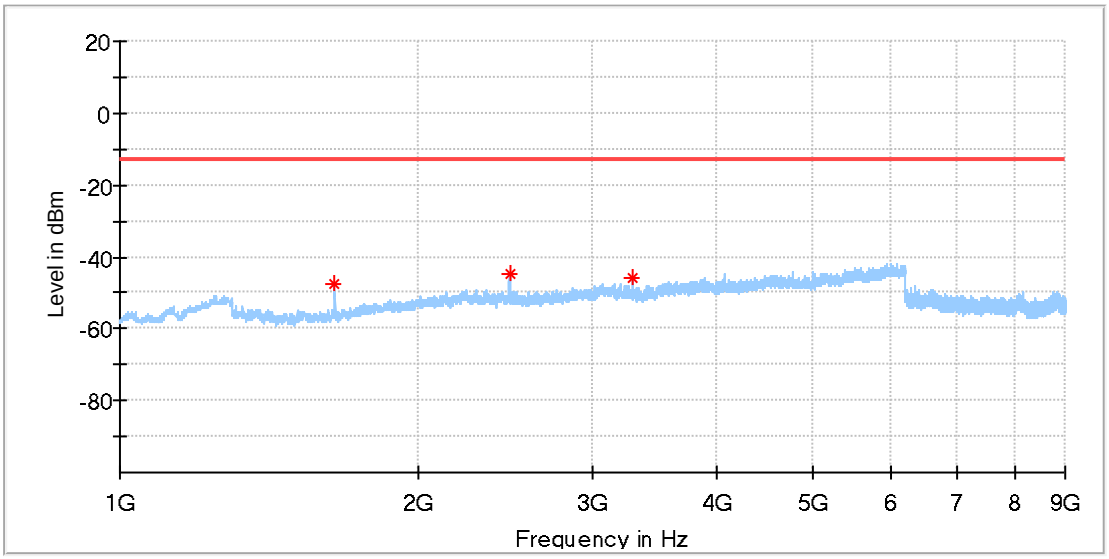
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.760000	-68.46	---	-13.00	55.46	100.0	V	250.0	-126.2
95.232500	-64.15	---	-13.00	51.15	100.0	V	355.0	-99.9
244.370000	-61.38	---	-13.00	48.38	100.0	V	6.0	-115.6
659.772500	-64.98	---	-13.00	51.98	100.0	V	68.0	-106.2

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_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

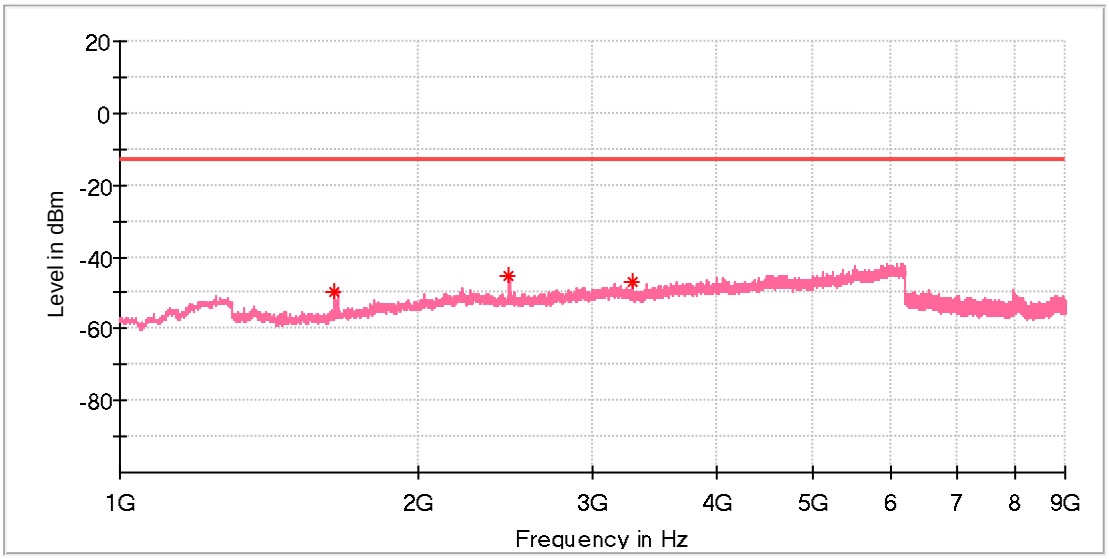
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.000000	-47.50	---	-13.00	34.50	100.0	H	147.0	-92.4
2473.000000	-44.82	---	-13.00	31.82	100.0	H	105.0	-87.9
3297.500000	-45.81	---	-13.00	32.81	100.0	H	7.0	-87.2

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_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

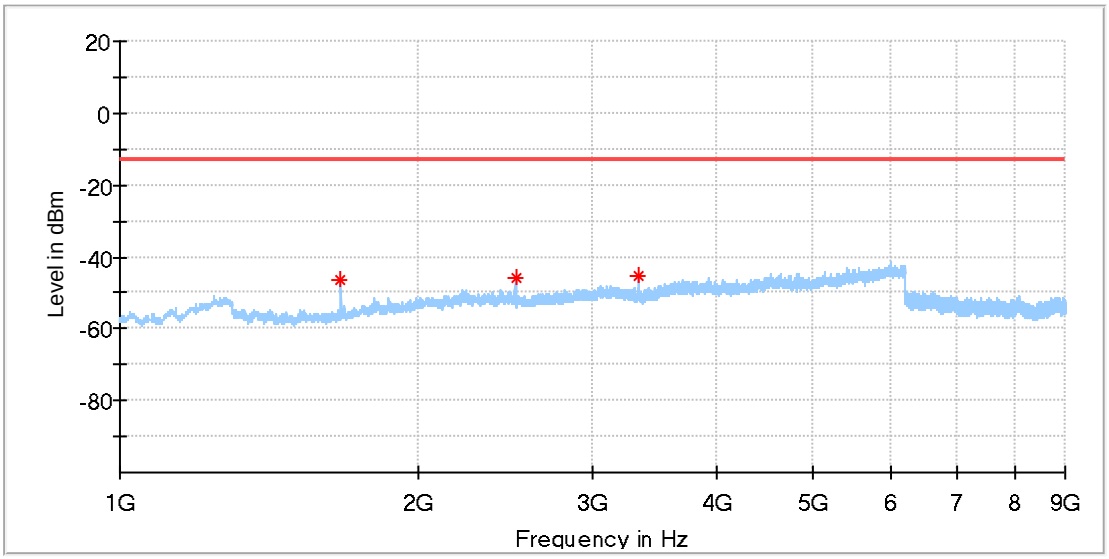
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1648.500000	-49.80	---	-13.00	36.80	100.0	V	220.0	-92.4
2472.500000	-45.48	---	-13.00	32.48	100.0	V	78.0	-88.0
3297.500000	-47.14	---	-13.00	34.14	100.0	V	17.0	-87.3

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

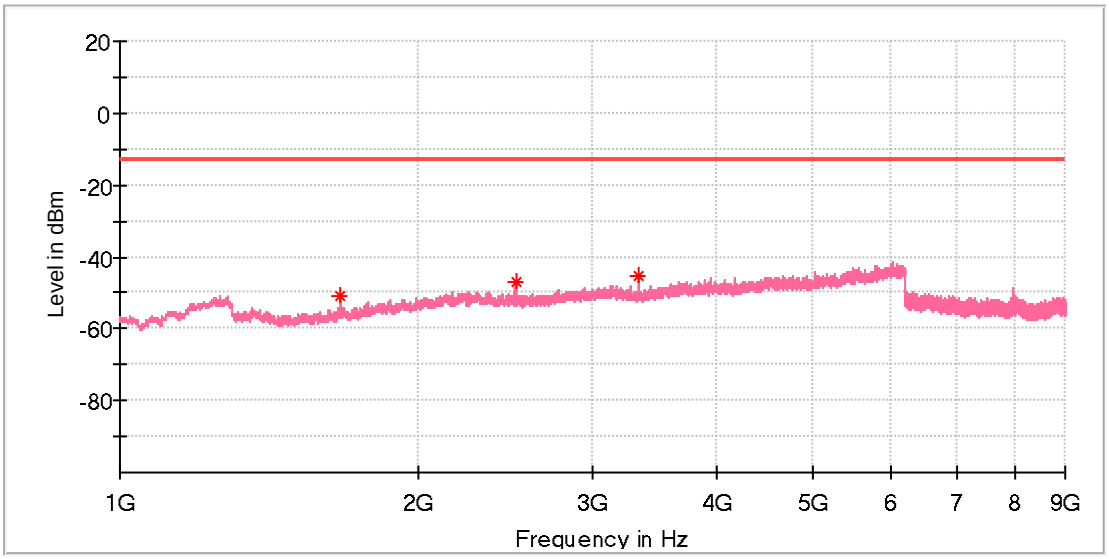
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1672.000000	-46.17	---	-13.00	33.17	100.0	H	28.0	-92.5
2508.000000	-45.87	---	-13.00	32.87	100.0	H	139.0	-88.3
3344.000000	-45.13	---	-13.00	32.13	100.0	H	61.0	-87.3

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

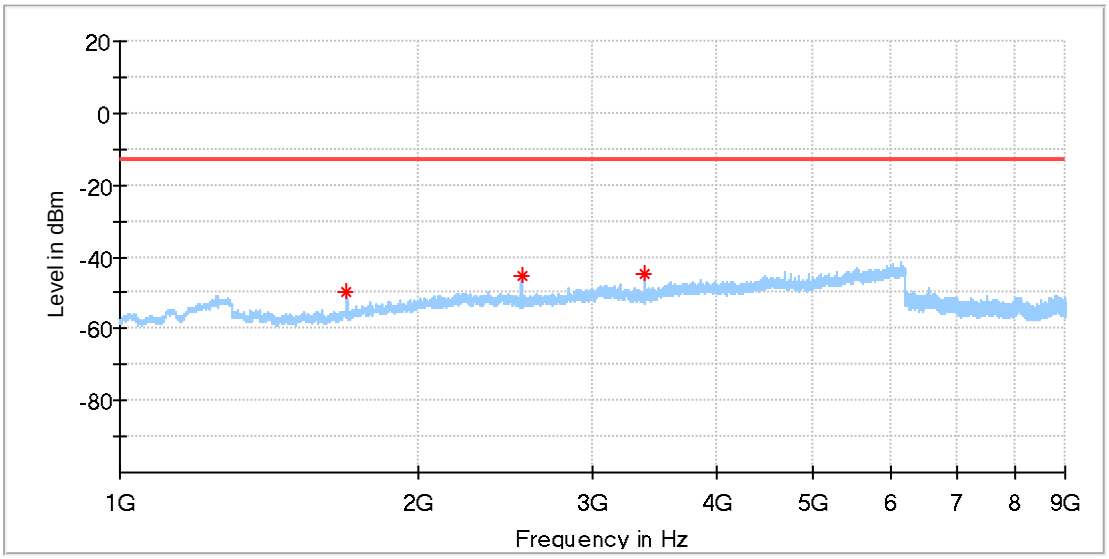
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1671.500000	-50.71	---	-13.00	37.71	100.0	V	114.0	-92.2
2508.000000	-47.09	---	-13.00	34.09	100.0	V	72.0	-88.2
3344.000000	-45.50	---	-13.00	32.50	100.0	V	72.0	-87.3

Final_Result

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

EUT Information

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



Critical_Freqs

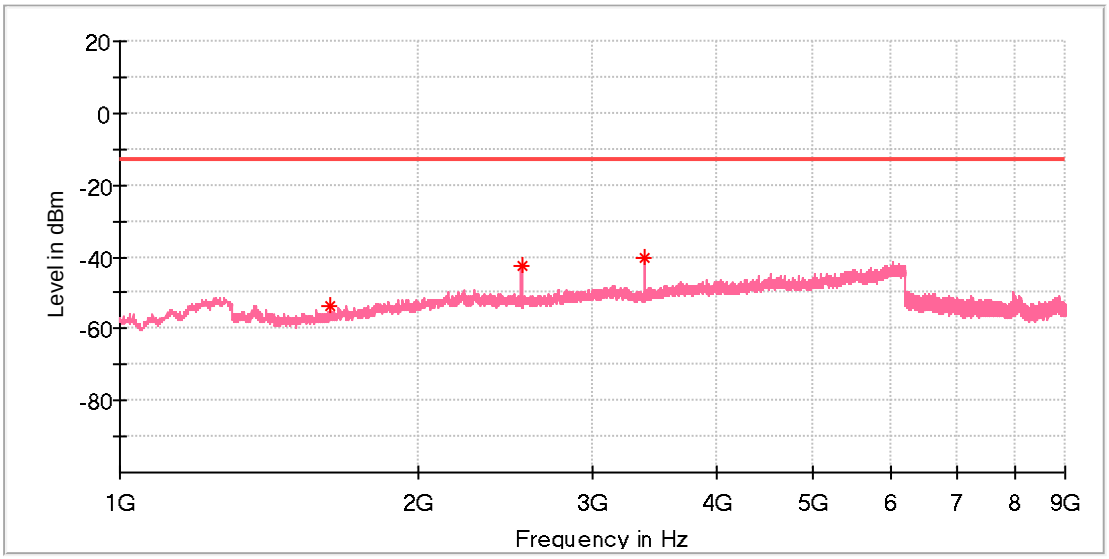
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1695.000000	-50.03	---	-13.00	37.03	100.0	H	28.0	-92.4
2543.500000	-45.16	---	-13.00	32.16	100.0	H	109.0	-88.3
3391.000000	-44.84	---	-13.00	31.84	100.0	H	220.0	-87.2

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_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

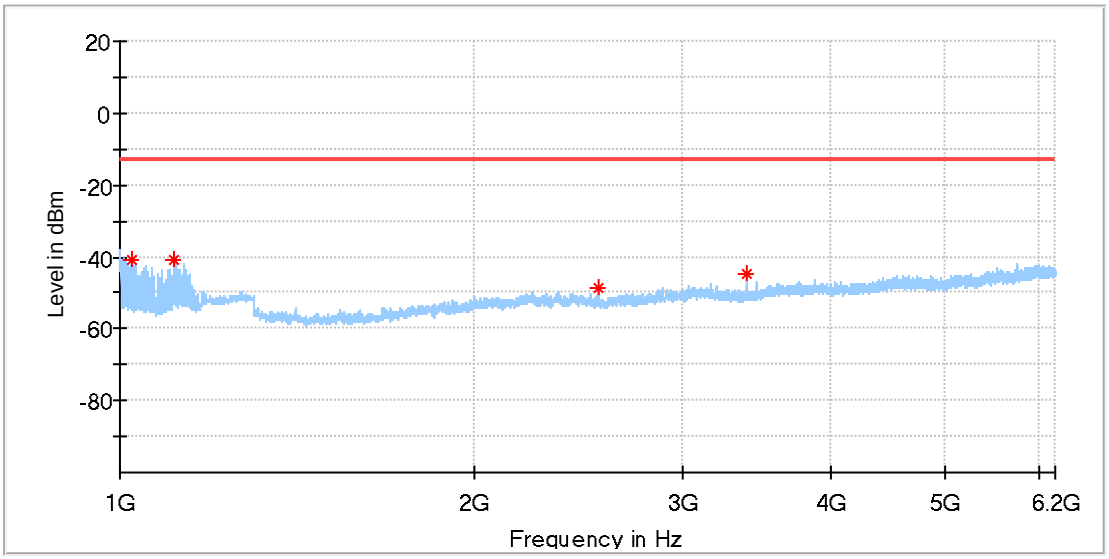
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1629.500000	-53.62	---	-13.00	40.62	100.0	V	34.0	-92.6
2543.500000	-42.47	---	-13.00	29.47	100.0	V	75.0	-88.4
3391.500000	-40.43	---	-13.00	27.43	100.0	V	104.0	-87.1

Final_Result

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

EUT Information

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



Critical_Freqs

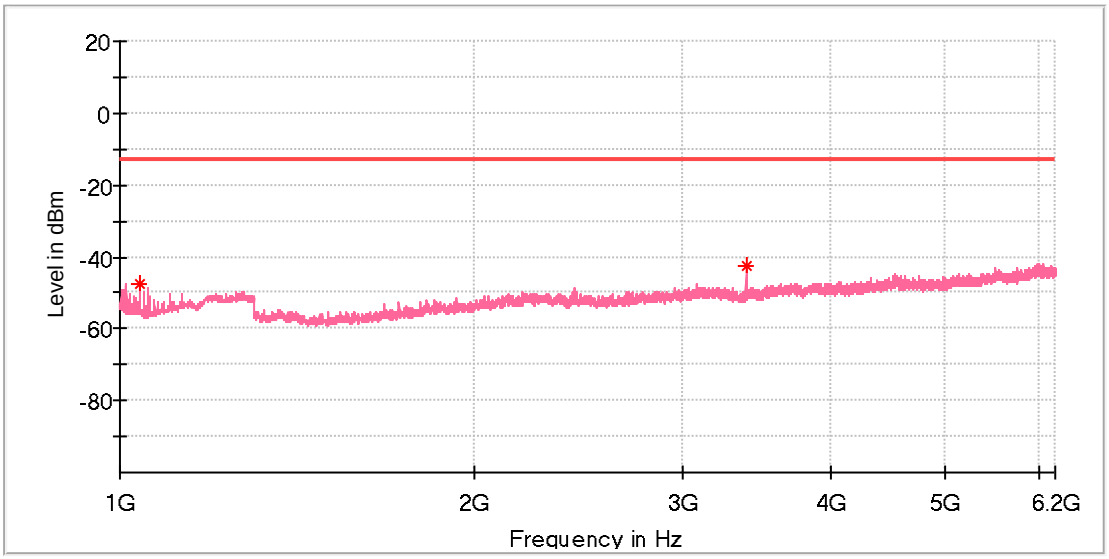
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1022.000000	-40.57	---	-13.00	27.57	100.0	H	254.0	-94.8
1110.500000	-40.87	---	-13.00	27.87	100.0	H	183.0	-94.5
2546.000000	-48.79	---	-13.00	35.79	100.0	H	353.0	-88.3
3391.500000	-44.83	---	-13.00	31.83	100.0	H	248.0	-87.2

Final_Result

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

EUT Information

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



Critical_Freqs

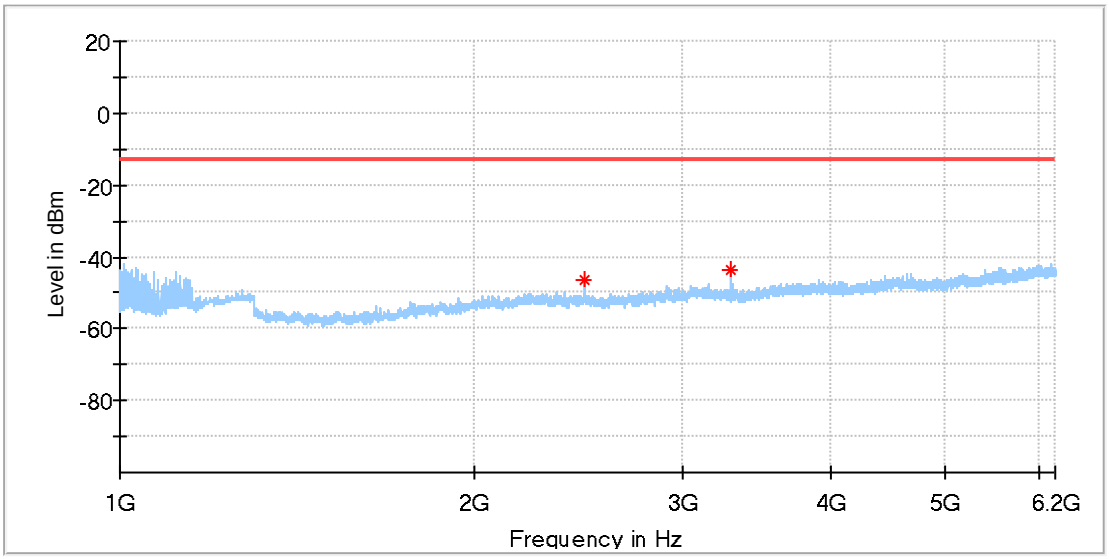
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1041.000000	-47.68	---	-13.00	34.68	100.0	V	323.0	-96.2
3391.500000	-42.57	---	-13.00	29.57	100.0	V	168.0	-87.1

Final_Result

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

EUT Information

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



Critical_Freqs

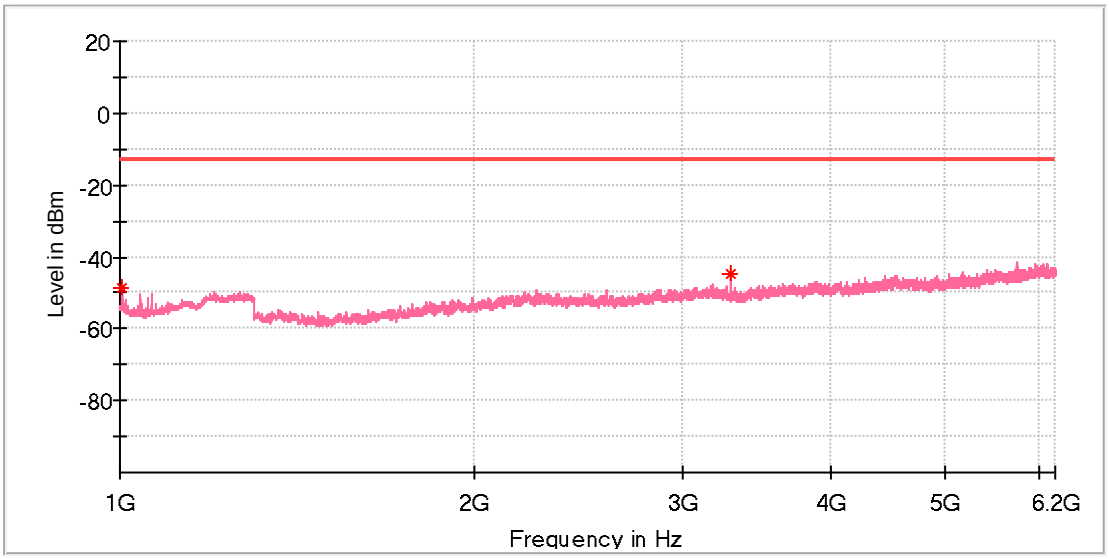
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2473.000000	-46.21	---	-13.00	33.21	100.0	H	344.0	-87.9
3297.000000	-43.89	---	-13.00	30.89	100.0	H	251.0	-87.2

Final_Result

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

EUT Information

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



Critical_Freqs

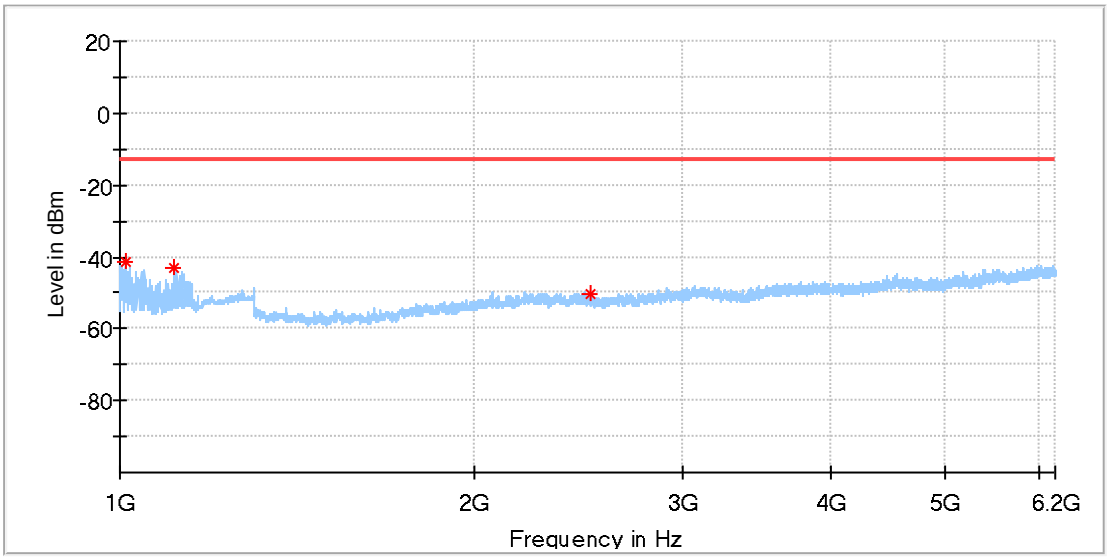
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1003.500000	-48.88	---	-13.00	35.88	100.0	V	248.0	-94.8
3297.000000	-44.72	---	-13.00	31.72	100.0	V	188.0	-87.3

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_1.4M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

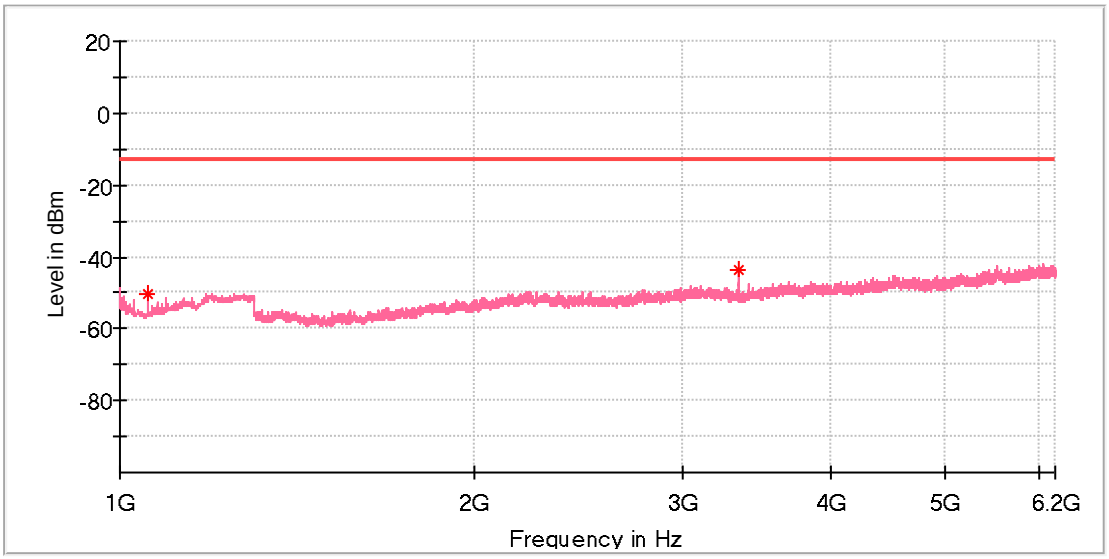
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1010.000000	-41.52	---	-13.00	28.52	100.0	H	85.0	-94.6
1113.000000	-43.01	---	-13.00	30.01	100.0	H	176.0	-94.4
2508.000000	-50.15	---	-13.00	37.15	100.0	H	236.0	-88.3

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_1.4M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

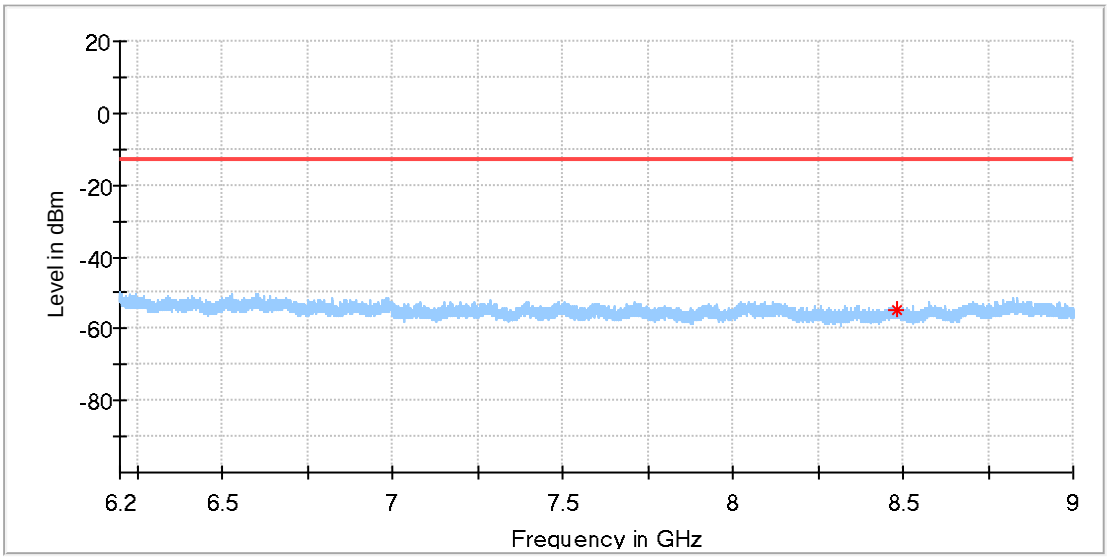
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1055.000000	-50.31	---	-13.00	37.31	100.0	V	334.0	-96.7
3344.000000	-43.43	---	-13.00	30.43	100.0	V	246.0	-87.3

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_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8484.450000	-54.52	---	-13.00	41.52	100.0	H	331.0	-87.5

Final_Result

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

EUT Information

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

Critical_Freqs

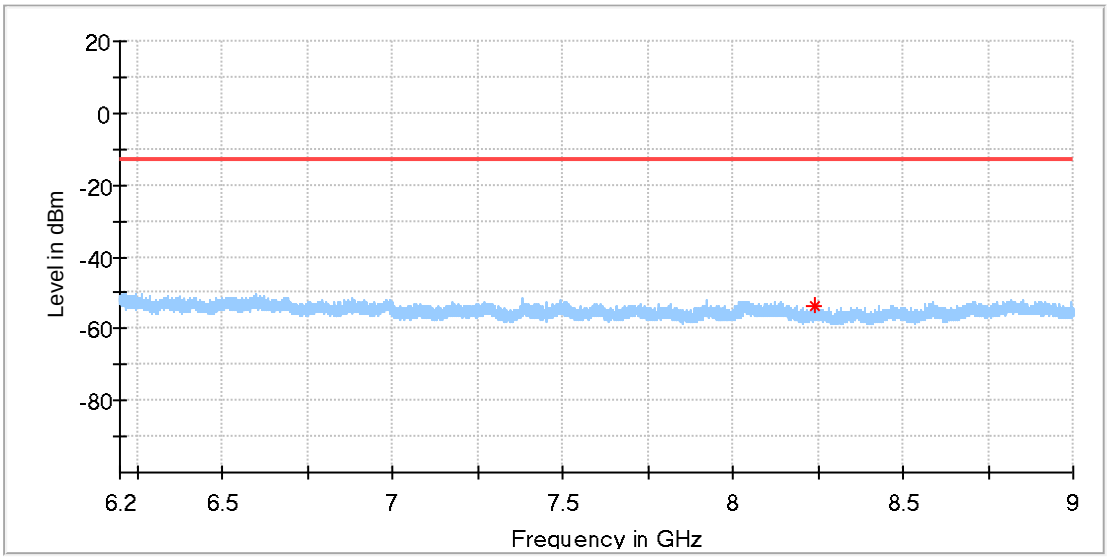
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8480.366667	-52.62	---	-13.00	39.62	100.0	V	201.0	-87.5

Final_Result

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

EUT Information

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



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8241.900000	-53.53	---	-13.00	40.53	100.0	H	247.0	-87.5

Final_Result

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

EUT Information

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

Critical_Freqs

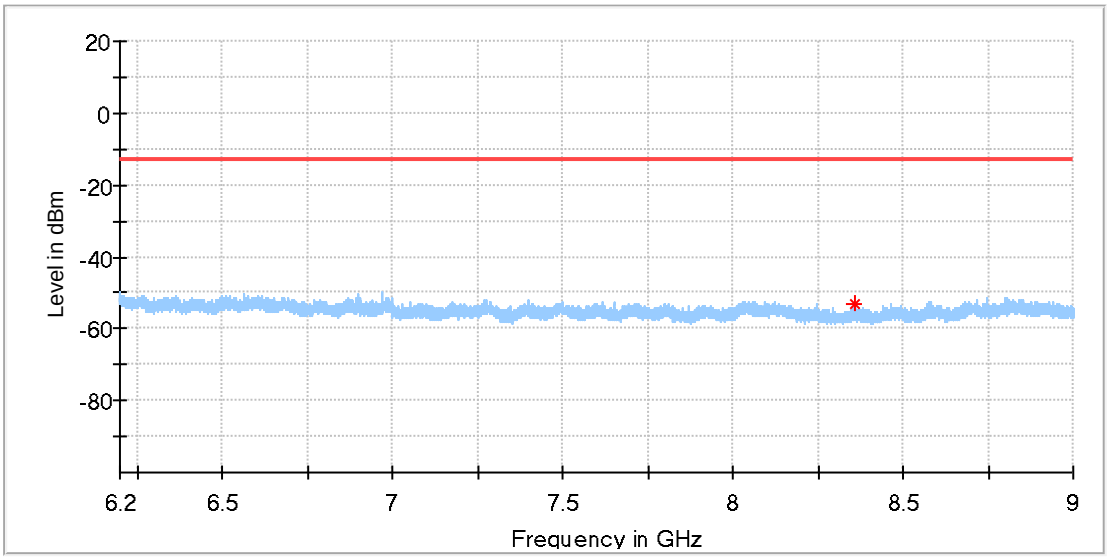
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8247.733333	-54.88	---	-13.00	41.88	100.0	V	122.0	-87.6

Final_Result

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

EUT Information

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



Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8361.716667	-52.92	---	-13.00	39.92	100.0	H	43.0	-87.9

Final_Result

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

EUT Information

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

Critical_Freqs

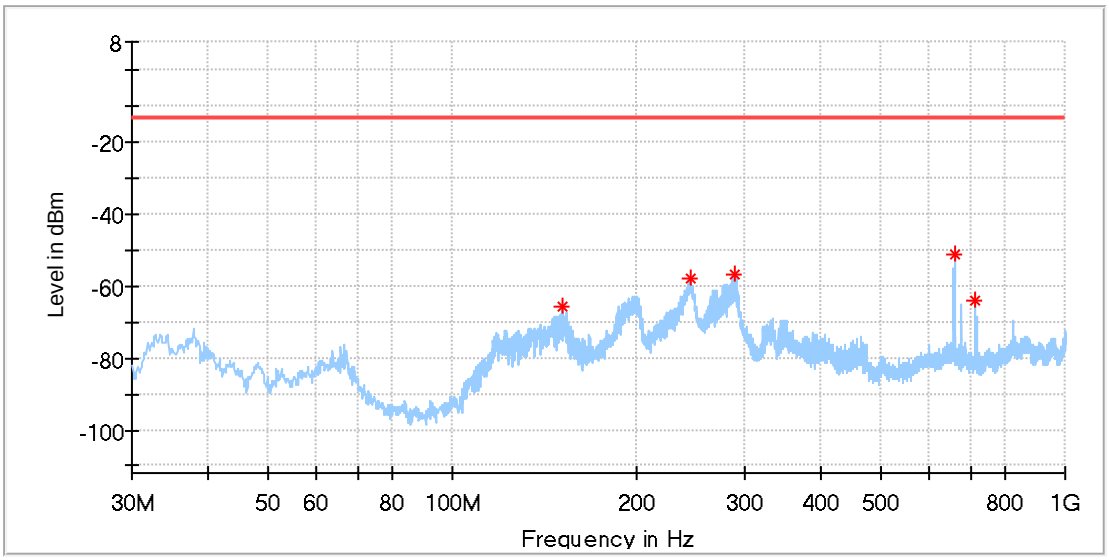
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8365.916667	-54.94	---	-13.00	41.94	100.0	V	0.0	-87.8

Final_Result

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

Band 26_Low

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

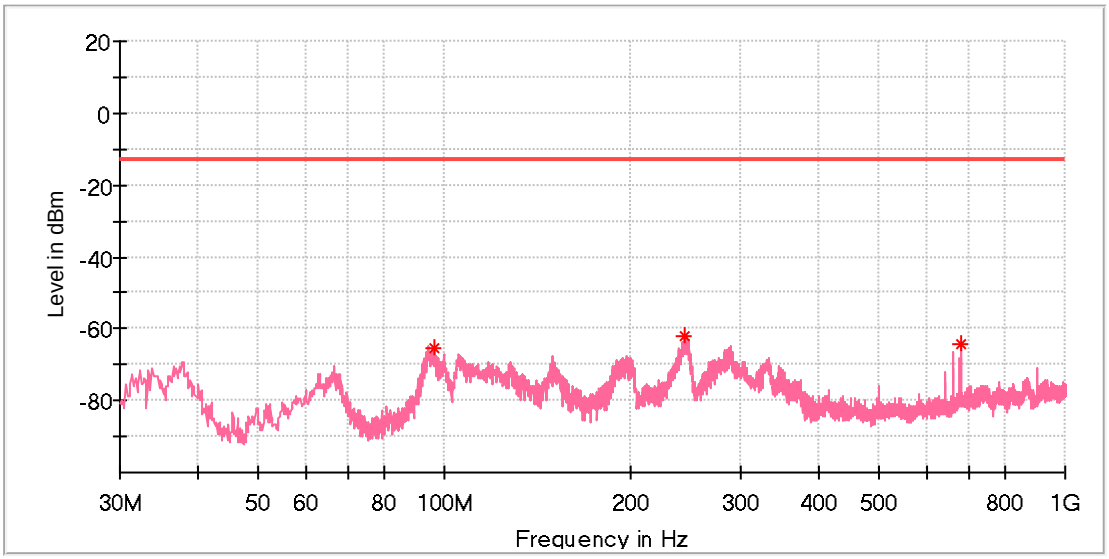
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
151.371250	-65.66	---	-13.00	52.66	100.0	H	273.0	-123.4
244.370000	-58.13	---	-13.00	45.13	100.0	H	0.0	-110.0
289.353750	-56.93	---	-13.00	43.93	100.0	H	241.0	-114.0
658.802500	-51.26	---	-13.00	38.26	100.0	H	257.0	-105.1
713.728750	-64.21	---	-13.00	51.21	100.0	H	159.0	-106.8

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

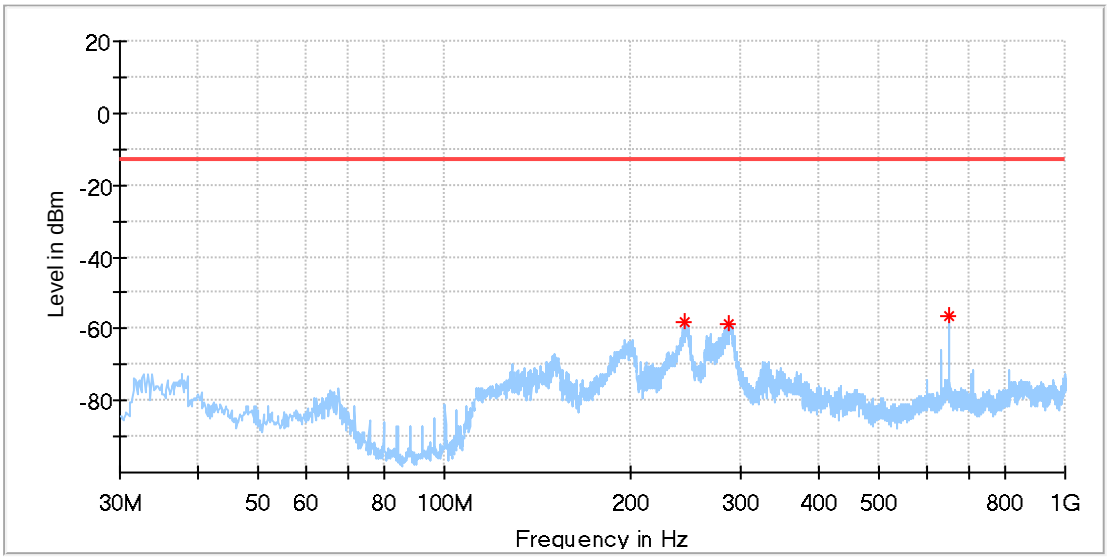
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
96.081250	-65.17	---	-13.00	52.17	100.0	V	5.0	-101.5
244.612500	-61.87	---	-13.00	48.87	100.0	V	0.0	-115.6
677.960000	-64.28	---	-13.00	51.28	100.0	V	257.0	-104.6

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

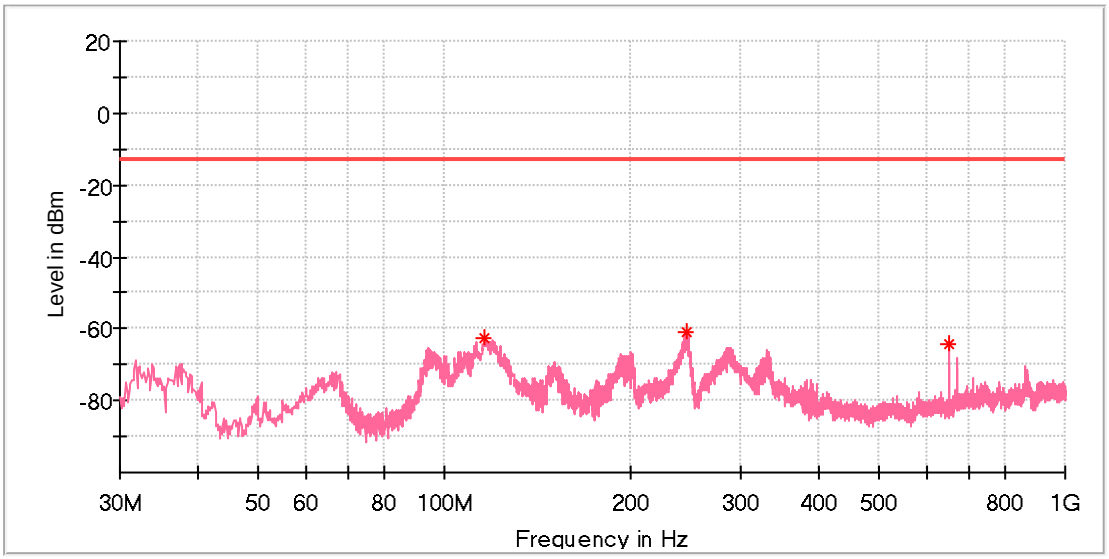
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
244.491250	-58.28	---	-13.00	45.28	100.0	H	357.0	-110.0
287.413750	-58.89	---	-13.00	45.89	100.0	H	244.0	-114.3
650.678750	-56.25	---	-13.00	43.25	100.0	H	252.0	-104.5

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

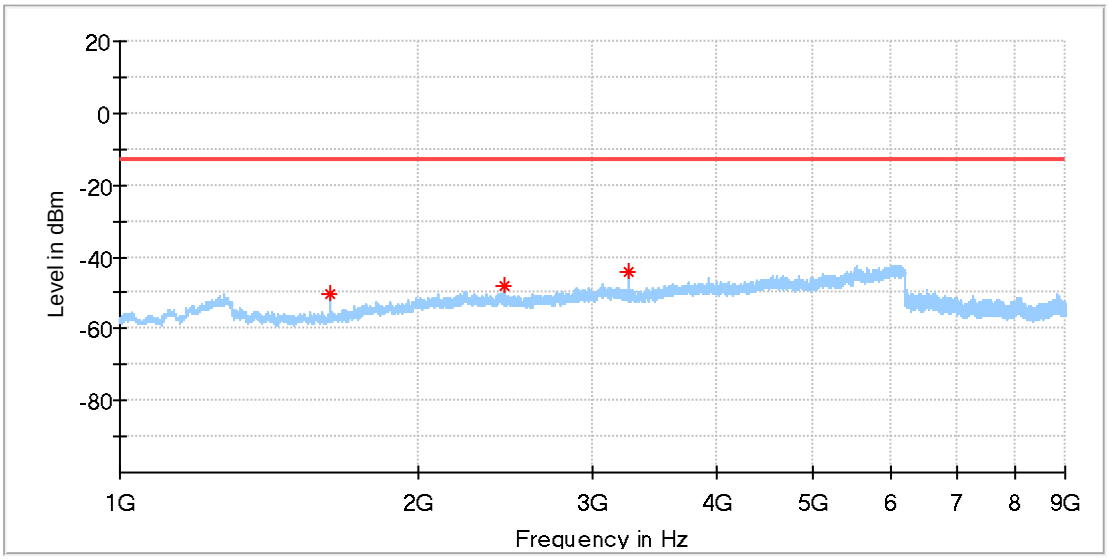
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
116.208750	-62.61	---	-13.00	49.61	100.0	V	22.0	-113.2
244.733750	-60.79	---	-13.00	47.79	100.0	V	9.0	-115.6
651.770000	-64.34	---	-13.00	51.34	100.0	V	200.0	-107.1

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_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

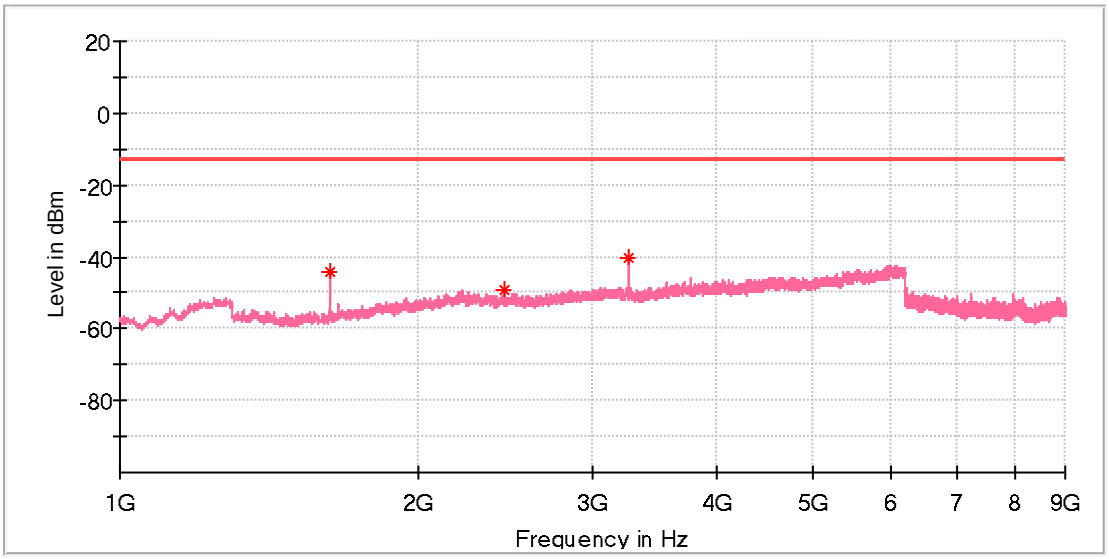
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.000000	-50.09	---	-13.00	37.09	100.0	H	331.0	-92.9
2442.500000	-47.90	---	-13.00	34.90	100.0	H	98.0	-87.7
3256.500000	-43.98	---	-13.00	30.98	100.0	H	166.0	-87.0

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

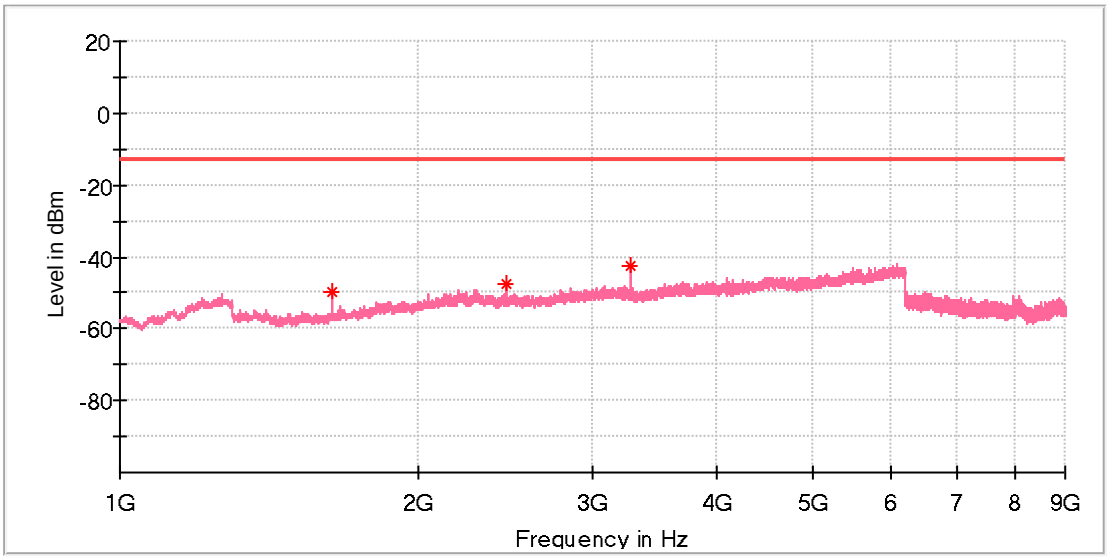
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1628.500000	-44.38	---	-13.00	31.38	100.0	V	248.0	-92.6
2442.500000	-49.22	---	-13.00	36.22	100.0	V	32.0	-88.1
3257.000000	-40.48	---	-13.00	27.48	100.0	V	15.0	-86.8

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_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

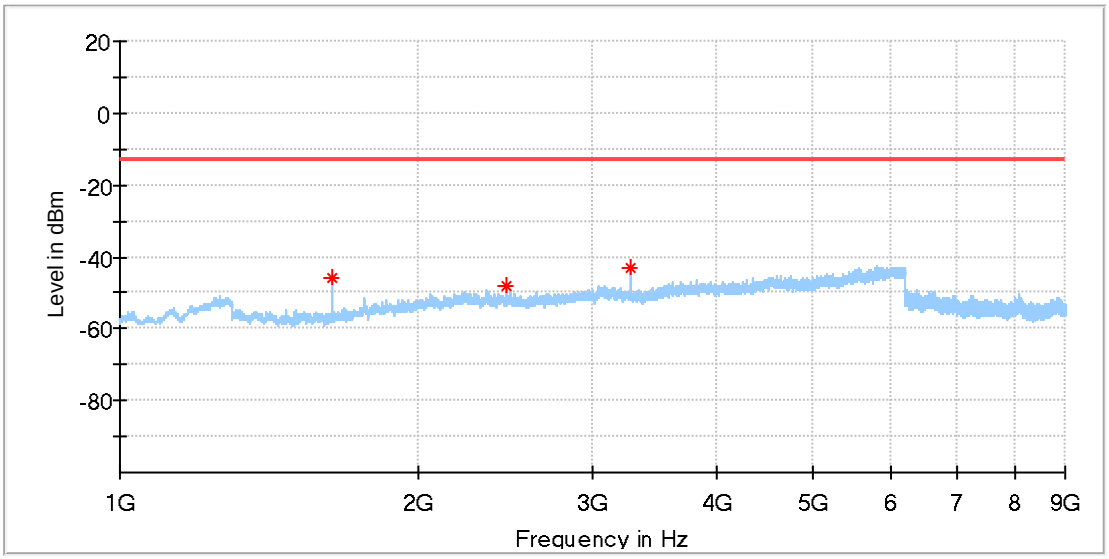
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-49.92	---	-13.00	36.92	100.0	V	308.0	-92.5
2455.500000	-47.73	---	-13.00	34.73	100.0	V	77.0	-88.1
3274.500000	-42.38	---	-13.00	29.38	100.0	V	11.0	-87.0

Final_Result

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

EUT Information

EUT Name:	Gateway
Model:	T11012860
Test Mode:	TX_1.4M_QPSK_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

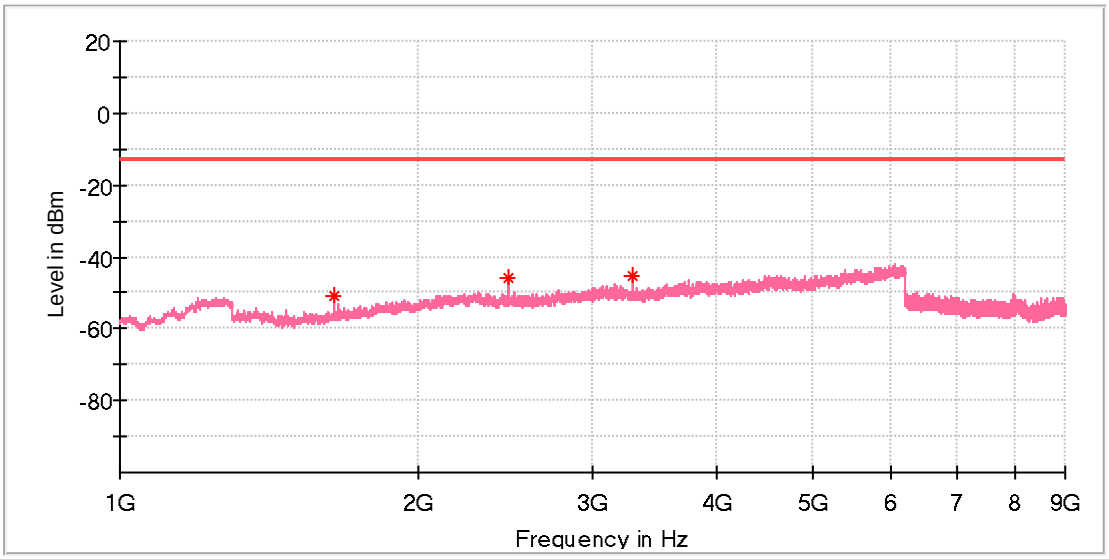
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1637.000000	-45.84	---	-13.00	32.84	100.0	H	174.0	-92.6
2455.500000	-48.36	---	-13.00	35.36	100.0	H	276.0	-87.9
3273.500000	-43.02	---	-13.00	30.02	100.0	H	326.0	-87.1

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_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

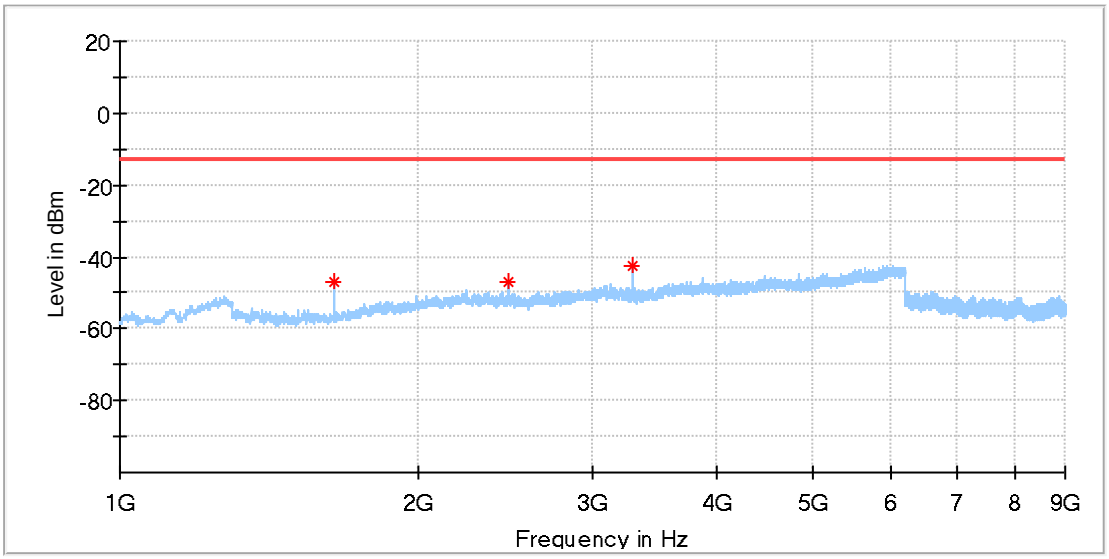
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1646.000000	-50.81	---	-13.00	37.81	100.0	V	222.0	-92.4
2468.000000	-45.69	---	-13.00	32.69	100.0	V	92.0	-88.1
3291.500000	-45.34	---	-13.00	32.34	100.0	V	355.0	-87.2

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_1.4M_QPSK_1@5_High Channel
Test Voltage::	Battery
Remark:	Temp 23 Humi:42%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

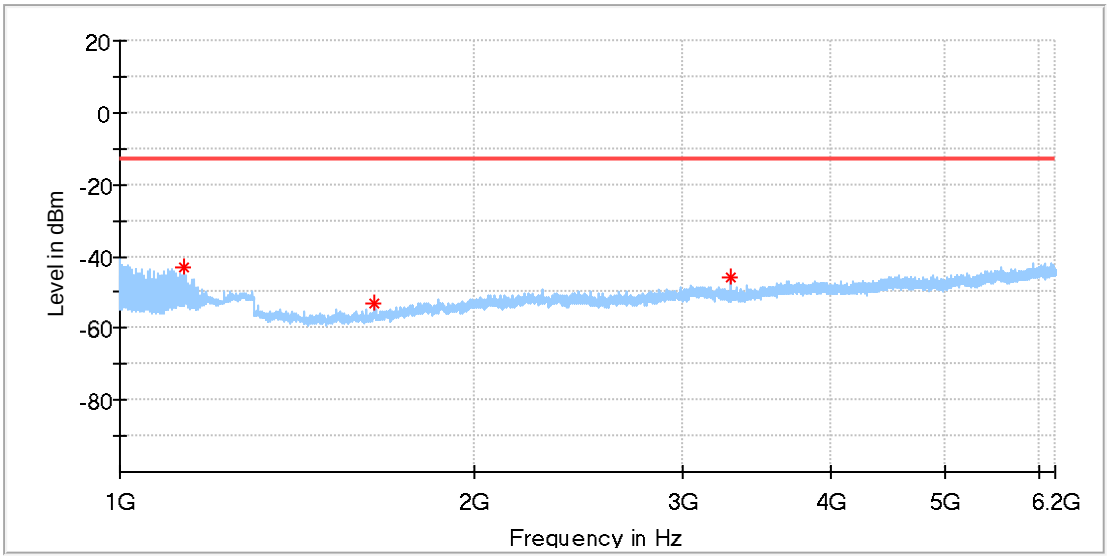


Critical_Freqs

Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1645.500000	-47.07	---	-13.00	34.07	100.0	H	292.0	-92.3
2468.500000	-46.93	---	-13.00	33.93	100.0	H	159.0	-87.9
3291.500000	-42.26	---	-13.00	29.26	100.0	H	317.0	-87.2

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

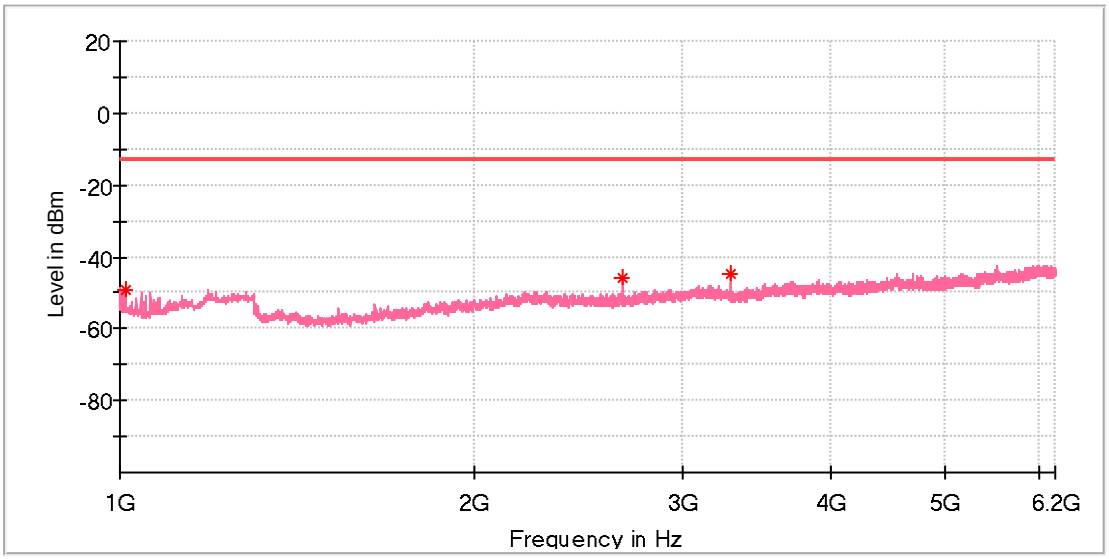
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1132.000000	-42.93	---	-13.00	29.93	100.0	H	135.0	-93.9
1645.000000	-52.84	---	-13.00	39.84	100.0	H	96.0	-92.3
3291.500000	-46.02	---	-13.00	33.02	100.0	H	41.0	-87.2

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

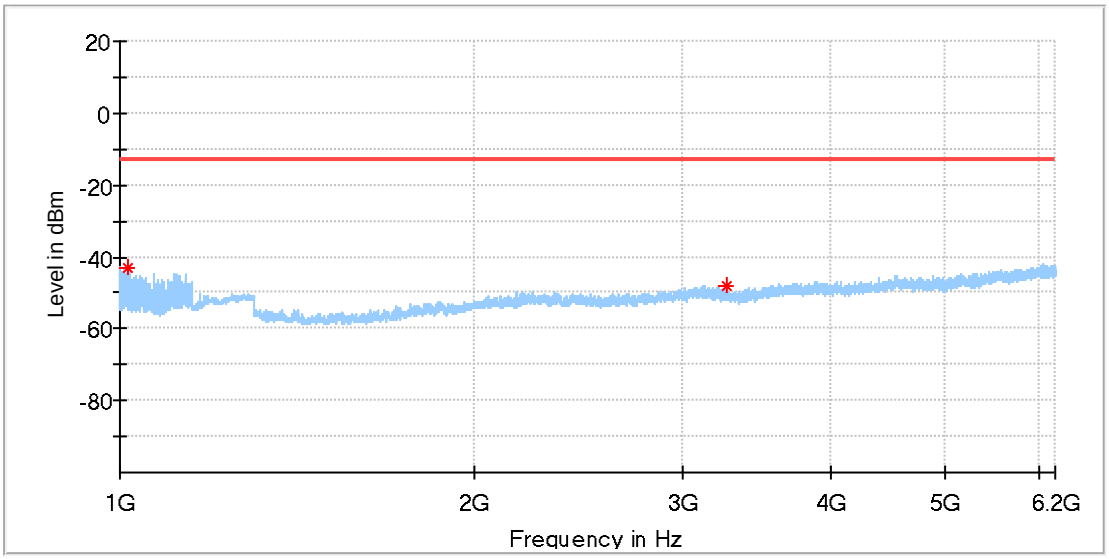
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1012.000000	-49.13	---	-13.00	36.13	100.0	V	292.0	-95.3
2666.500000	-45.68	---	-13.00	32.68	100.0	V	311.0	-88.1
3291.000000	-44.74	---	-13.00	31.74	100.0	V	0.0	-87.2

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

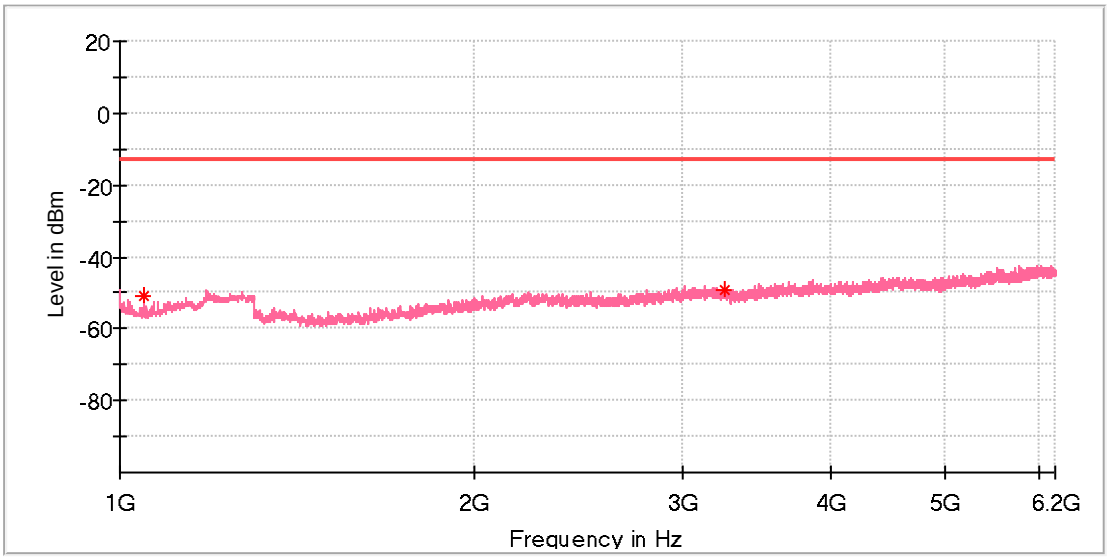
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1014.000000	-43.15	---	-13.00	30.15	100.0	H	5.0	-94.7
3260.500000	-48.21	---	-13.00	35.21	100.0	H	215.0	-87.1

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

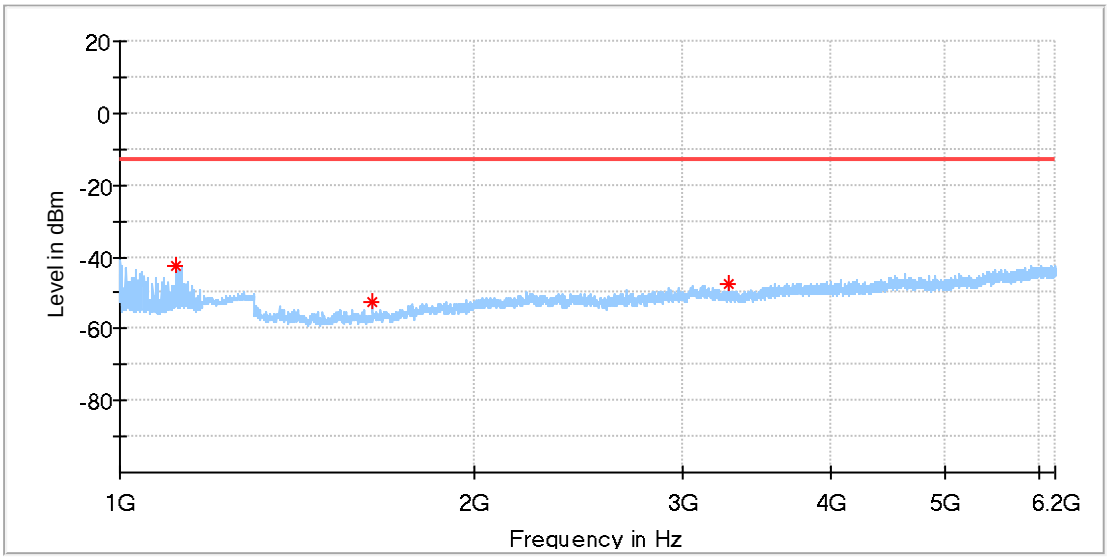
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1047.500000	-50.64	---	-13.00	37.64	100.0	V	329.0	-96.6
3257.500000	-49.03	---	-13.00	36.03	100.0	V	6.0	-86.8

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_1.4M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

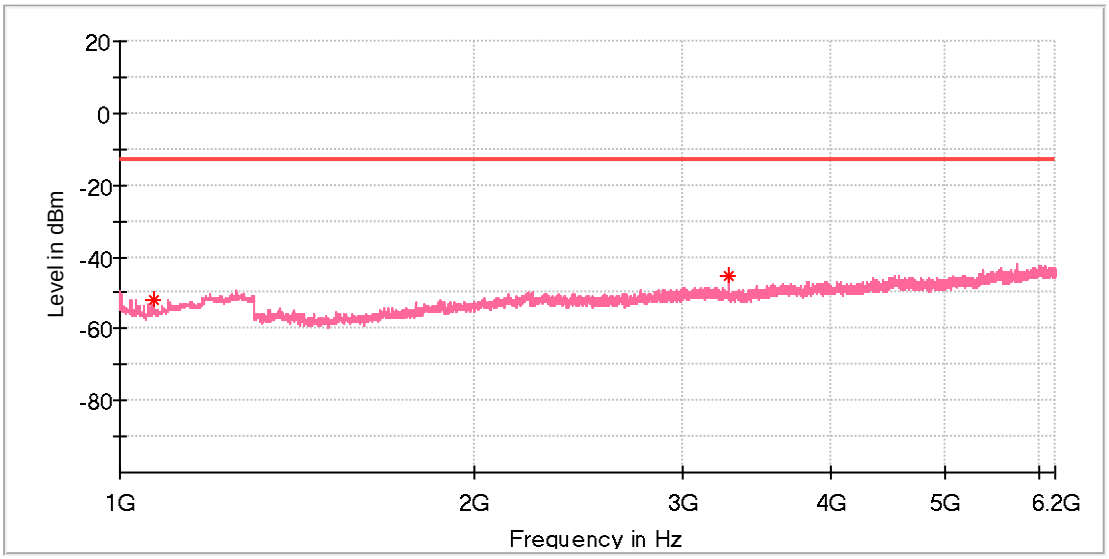
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1116.500000	-42.66	---	-13.00	29.66	100.0	H	186.0	-94.3
1638.500000	-52.65	---	-13.00	39.65	100.0	H	71.0	-92.5
3274.000000	-47.61	---	-13.00	34.61	100.0	H	54.0	-87.1

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

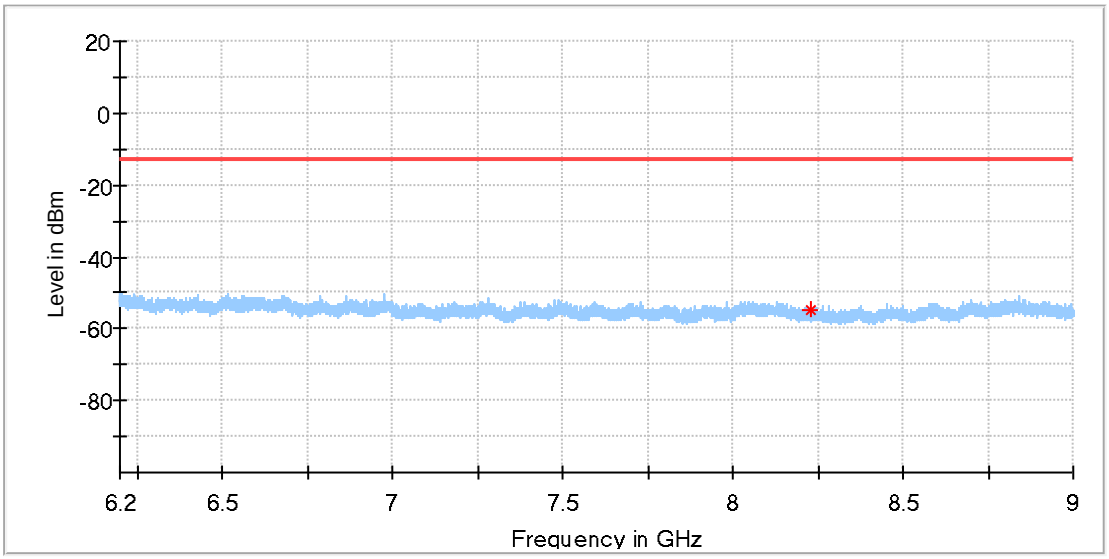
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1070.000000	-51.83	---	-13.00	38.83	100.0	V	332.0	-96.2
3278.000000	-45.55	---	-13.00	32.55	100.0	V	119.0	-87.0

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_1.4M_16QAM_1@0_High Channel
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)
8229.300000	-54.59	---	-13.00	41.59	100.0	H	113.0	-87.4

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_High Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

Critical_Freqs

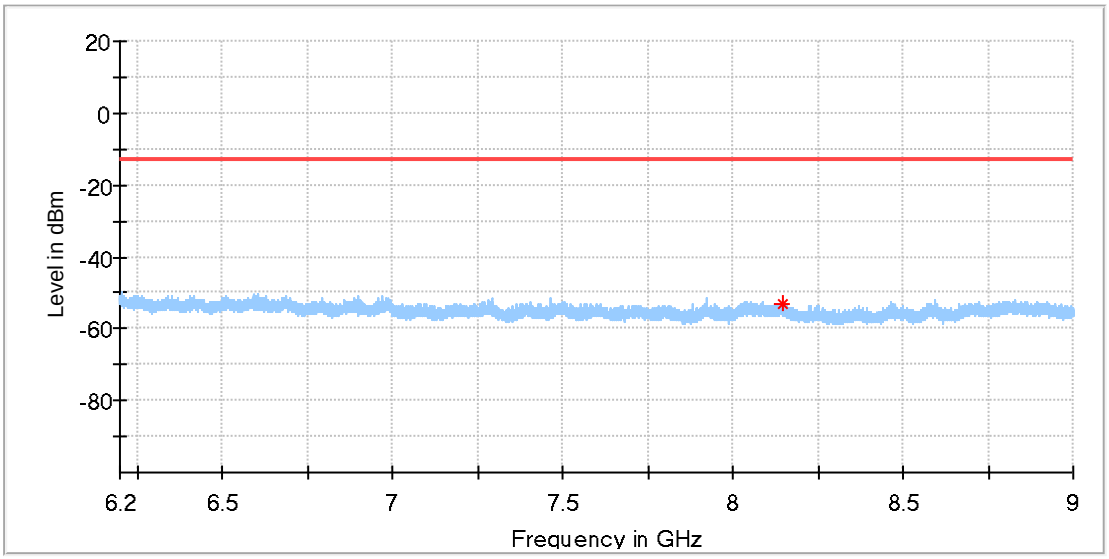
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8235.483333	-54.30	---	-13.00	41.30	100.0	V	76.0	-87.5

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Low Channel
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)
8147.750000	-53.09	---	-13.00	40.09	100.0	H	348.0	-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_1.4M_16QAM_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 90
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

Critical_Freqs

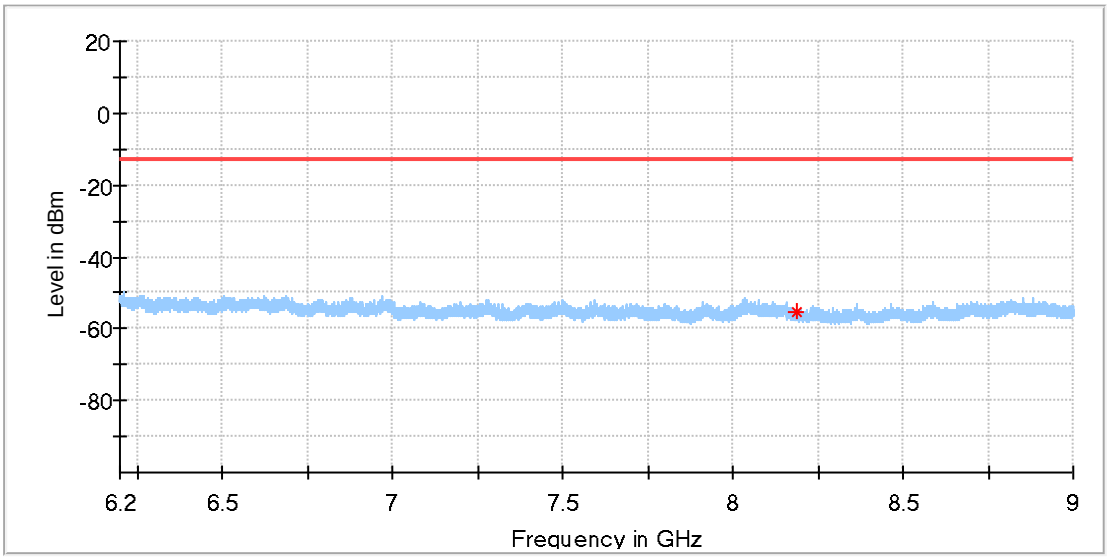
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8147.516667	-52.97	---	-13.00	39.97	100.0	V	228.0	-87.1

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Mid Channel
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)
8190.100000	-55.32	---	-13.00	42.32	100.0	H	295.0	-87.2

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_1.4M_16QAM_1@0_Mid Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 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)
8190.683333	-54.77	---	-13.00	41.77	100.0	V	97.0	-87.3

Final_Result

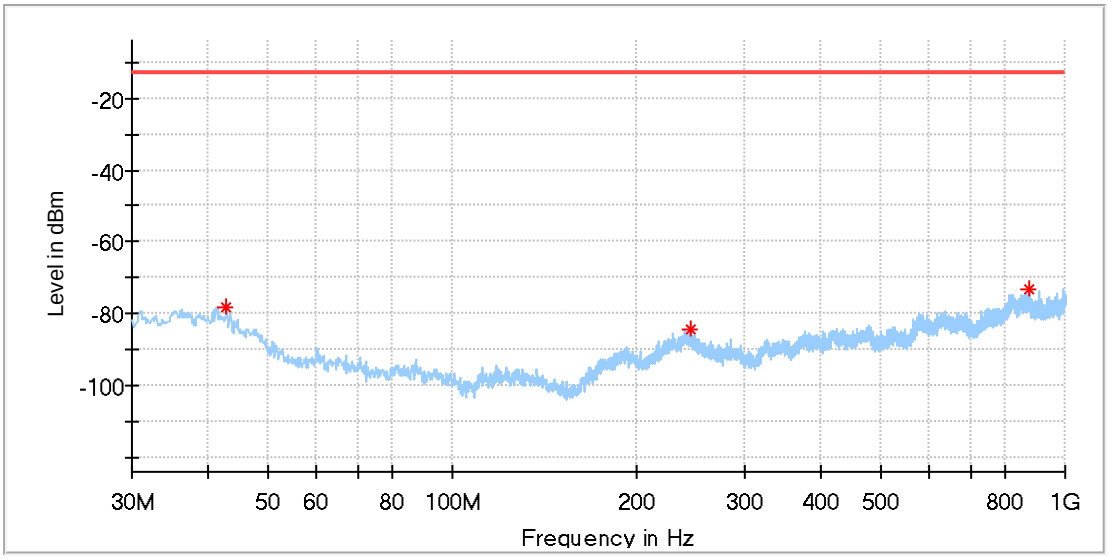
Frequency (MHz)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---		---	---

1.3 NB-IoT

Band 2

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 36
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

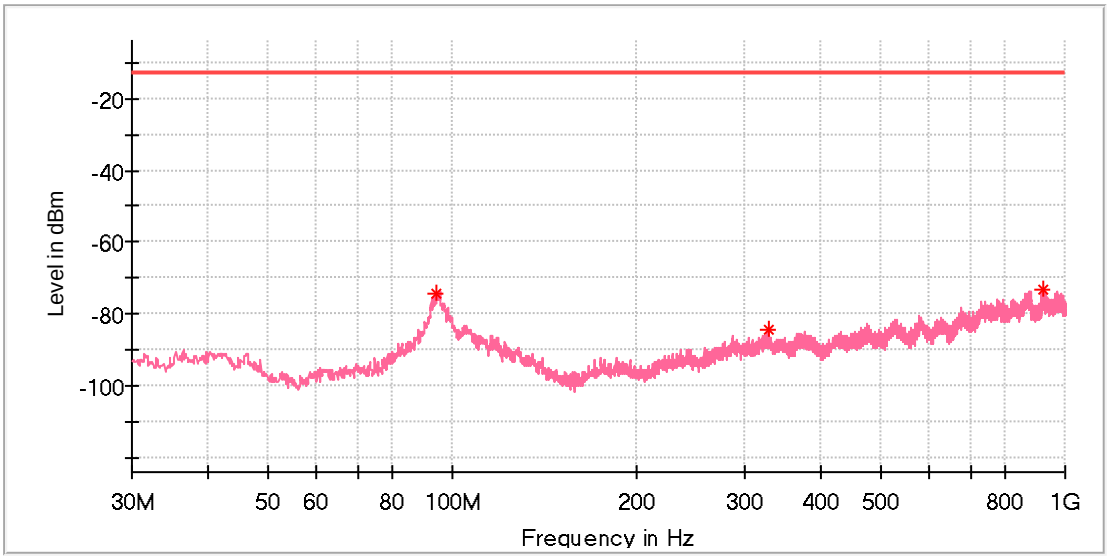
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
42.731250	-77.95	---	-13.00	64.95	100.0	H	250.0	-113.0
244.006250	-84.49	---	-13.00	71.49	100.0	H	227.0	-110.0
873.051250	-73.00	---	-13.00	60.00	100.0	H	145.0	-100.7

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_High
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-133 Issue 36
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

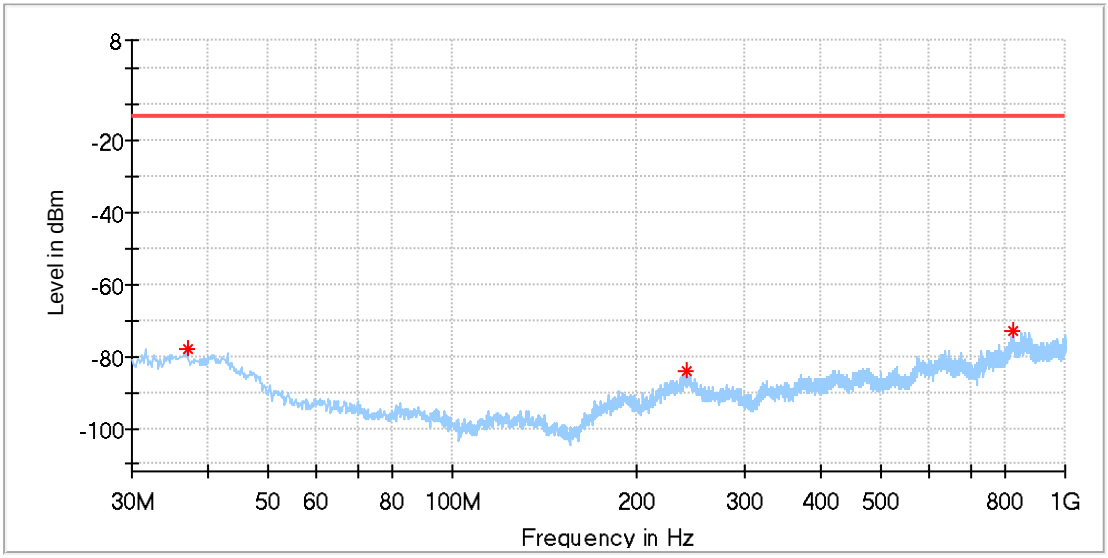
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
94.141250	-74.38	---	-13.00	61.38	100.0	V	273.0	-99.8
328.396250	-84.23	---	-13.00	71.23	100.0	V	344.0	-112.2
919.126250	-73.32	---	-13.00	60.32	100.0	V	250.0	-100.4

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_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

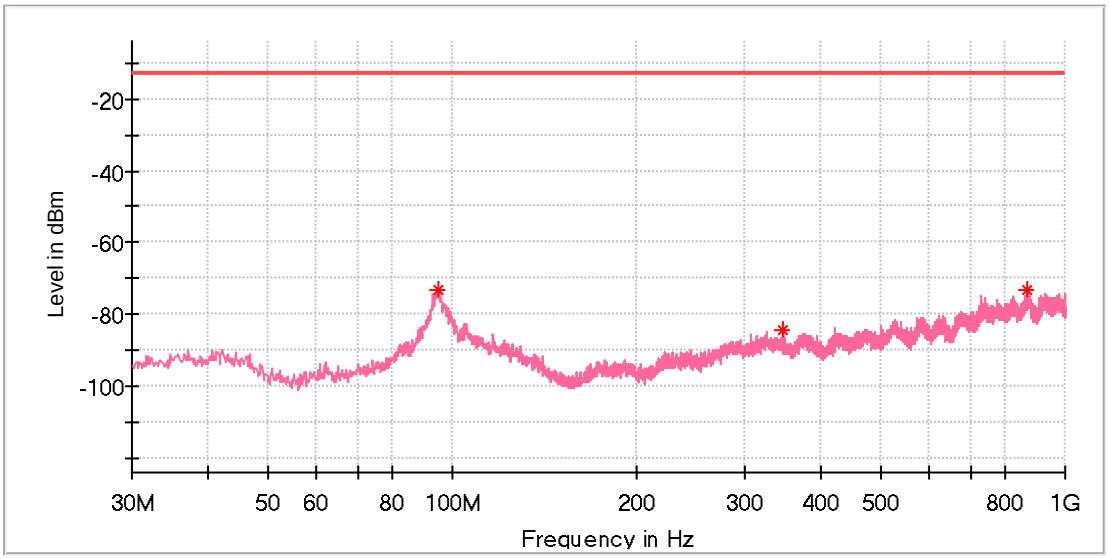
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.911250	-77.82	---	-13.00	64.82	100.0	H	333.0	-113.4
240.490000	-84.17	---	-13.00	71.17	100.0	H	288.0	-110.4
825.278750	-73.02	---	-13.00	60.02	100.0	H	161.0	-100.7

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_15kHz_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

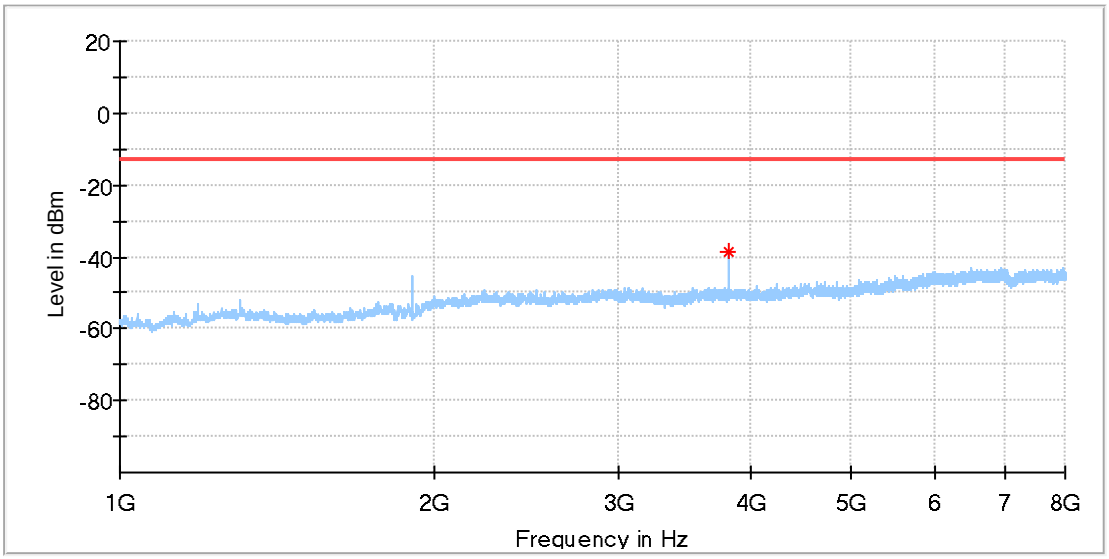
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
95.111250	-73.36	---	-13.00	60.36	100.0	V	287.0	-99.8
347.311250	-84.37	---	-13.00	71.37	100.0	V	19.0	-111.0
867.837500	-73.35	---	-13.00	60.35	100.0	V	81.0	-99.7

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_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

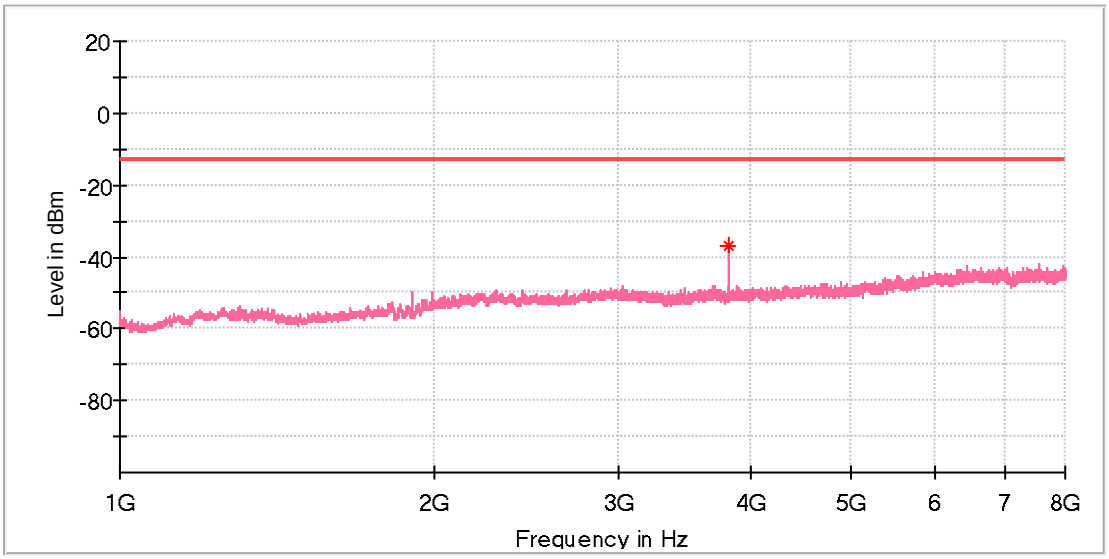
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3809.500000	-38.37	---	-13.00	25.37	100.0	H	131.0	-86.7

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

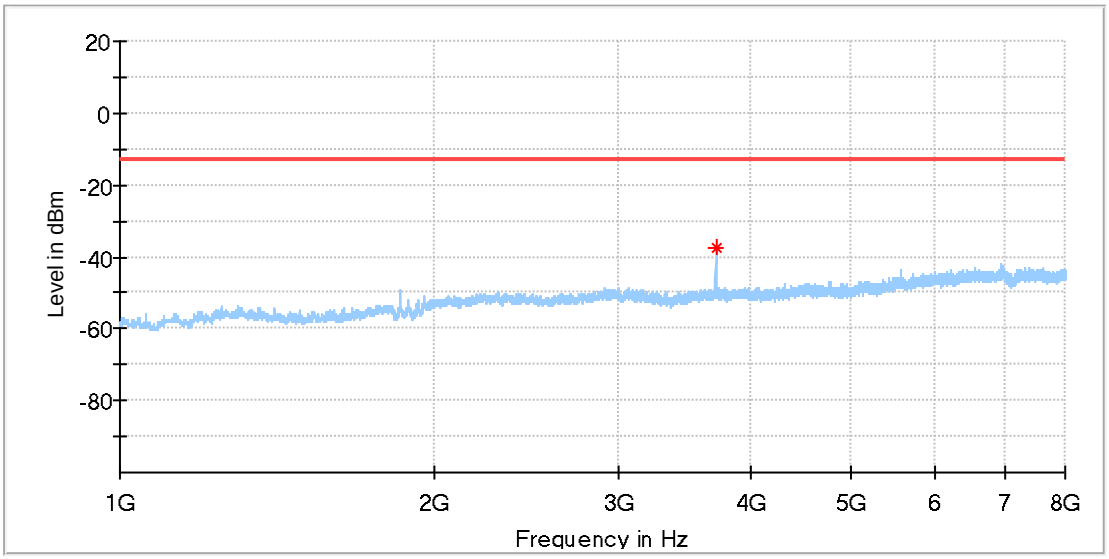
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3809.500000	-36.95	---	-13.00	23.95	100.0	V	233.0	-87.0

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

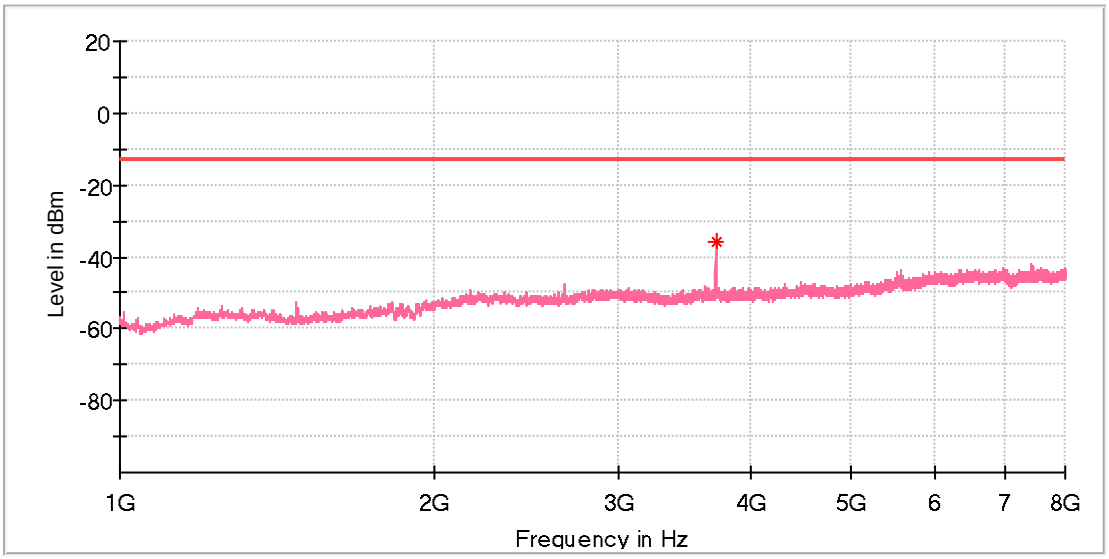
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3709.500000	-37.74	---	-13.00	24.74	100.0	H	119.0	-86.8

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

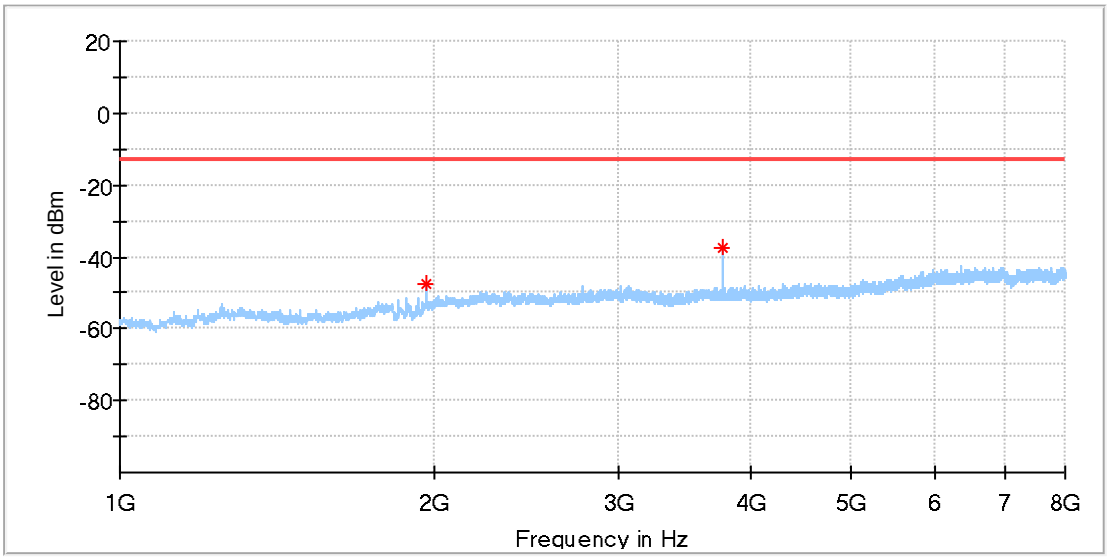
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3709.500000	-35.58	---	-13.00	22.58	100.0	V	221.0	-86.7

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

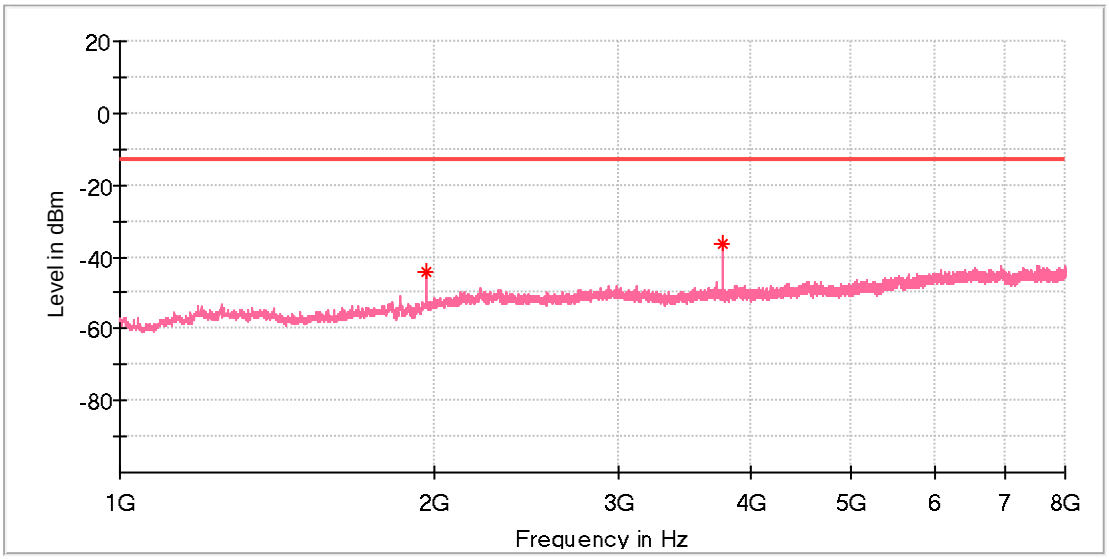
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1960.000000	-47.77	---	-13.00	34.77	100.0	H	90.0	-89.7
3759.500000	-37.75	---	-13.00	24.75	100.0	H	50.0	-86.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

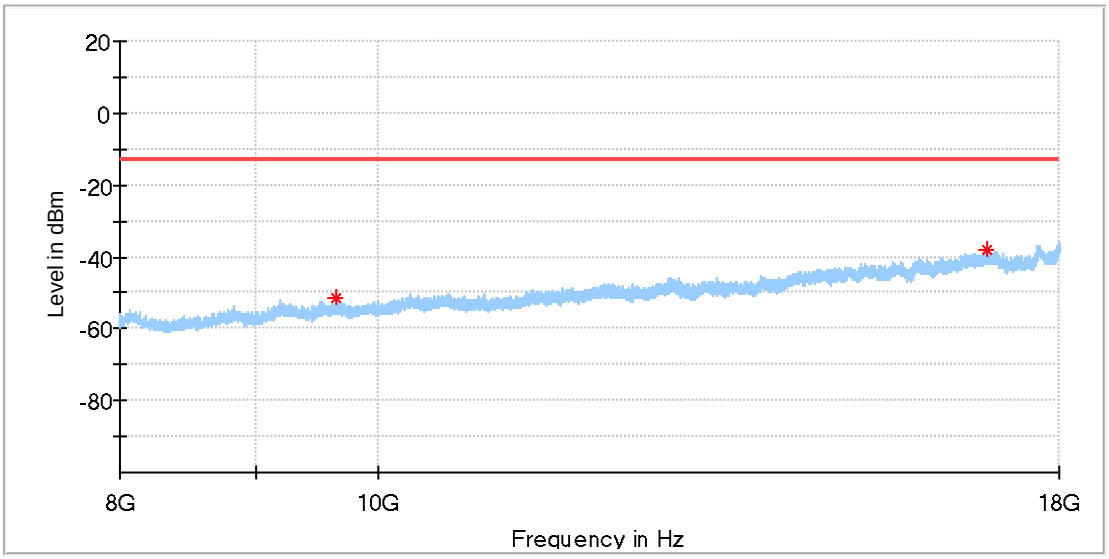
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1960.000000	-44.40	---	-13.00	31.40	100.0	V	304.0	-89.6
3760.000000	-36.31	---	-13.00	23.31	100.0	V	343.0	-87.0

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

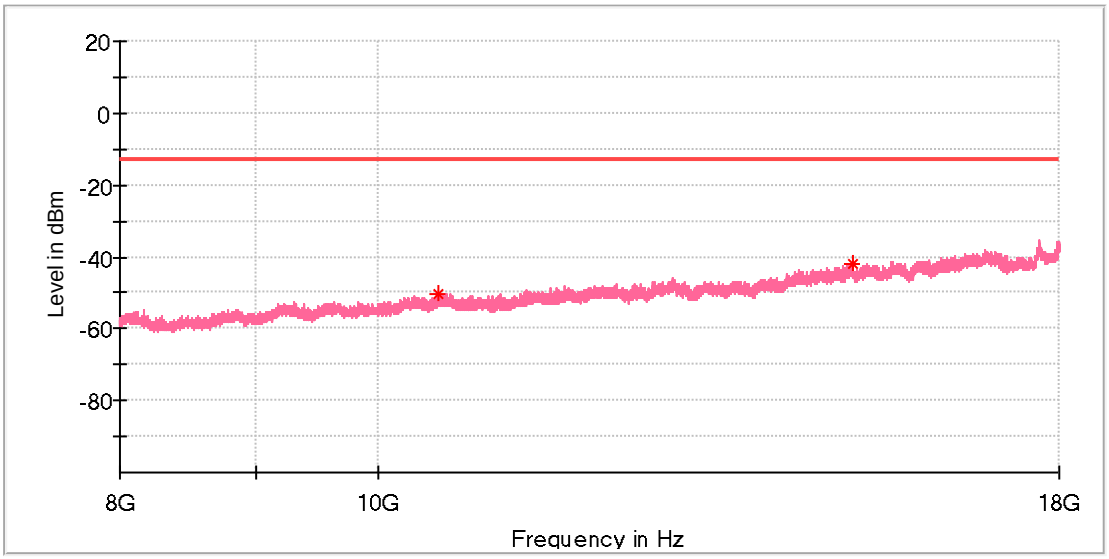
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9637.000000	-51.28	---	-13.00	38.28	100.0	H	262.0	-83.5
16904.500000	-38.22	---	-13.00	25.22	100.0	H	149.0	-73.0

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

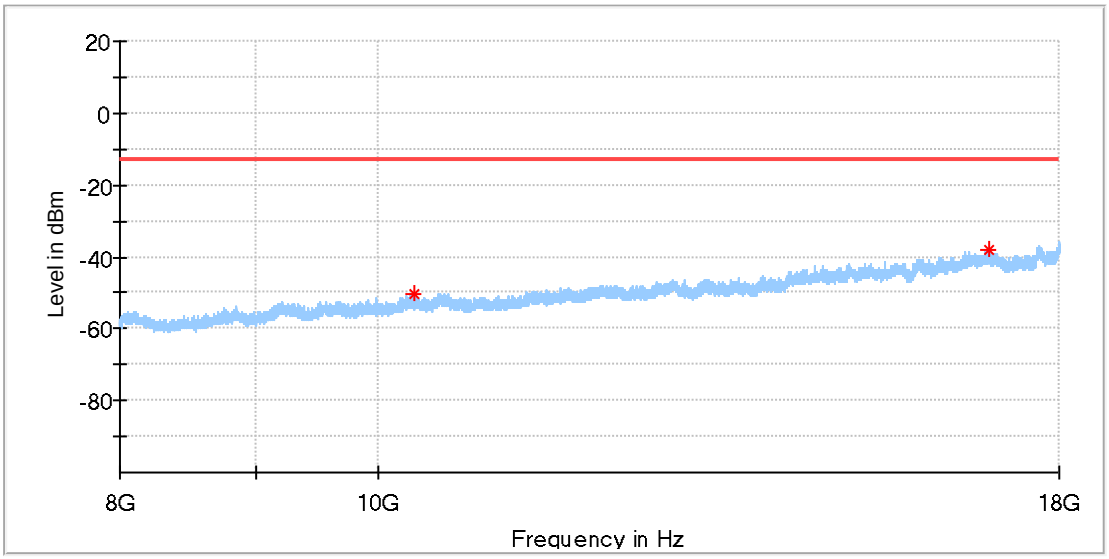
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10523.500000	-50.22	---	-13.00	37.22	100.0	V	255.0	-82.6
15055.000000	-42.11	---	-13.00	29.11	100.0	V	70.0	-77.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

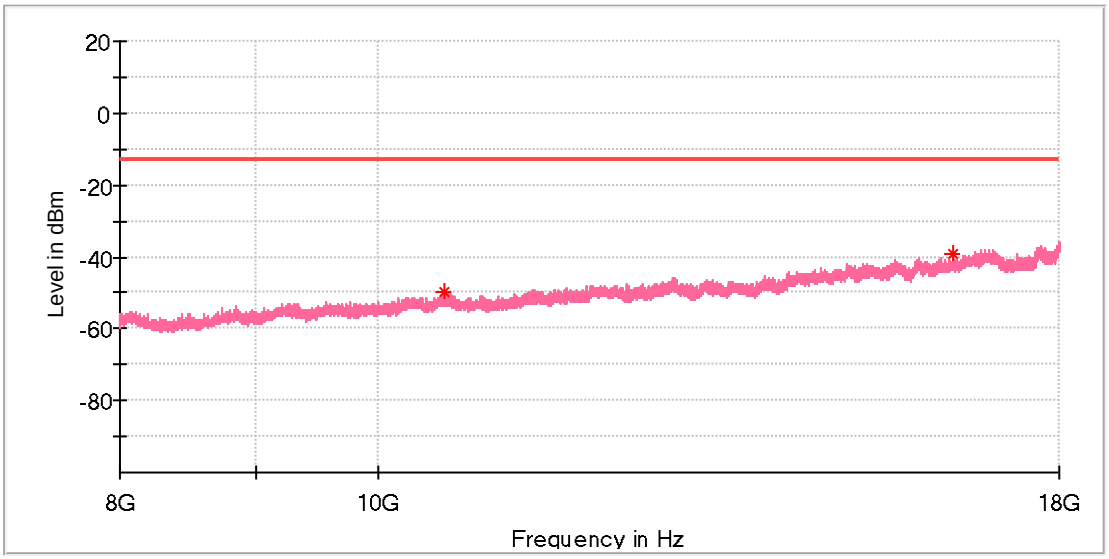
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10323.000000	-50.51	---	-13.00	37.51	100.0	H	59.0	-83.3
16933.500000	-37.98	---	-13.00	24.98	100.0	H	11.0	-72.9

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

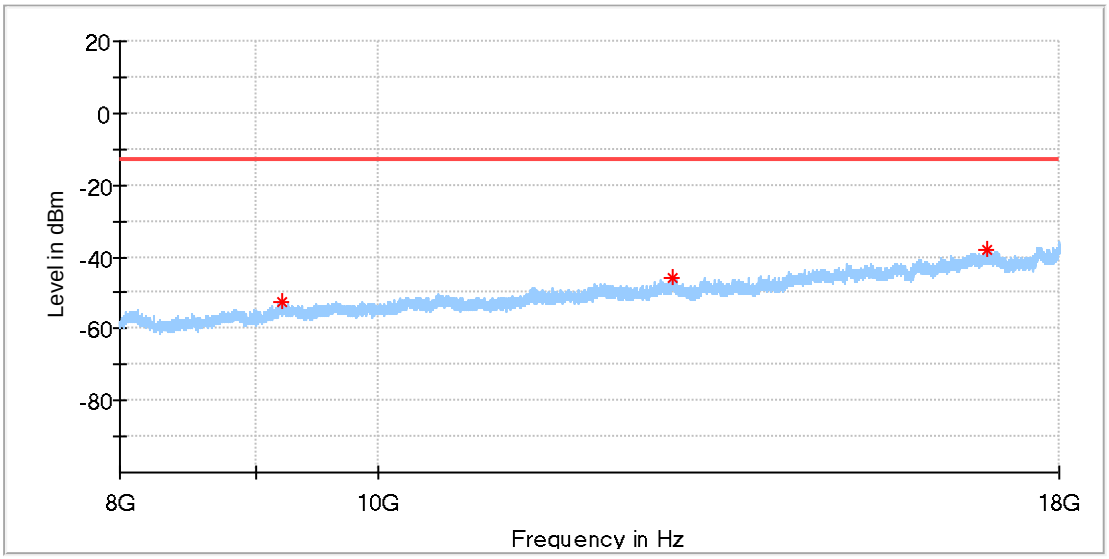
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10585.500000	-49.63	---	-13.00	36.63	100.0	V	104.0	-82.6
16429.500000	-38.93	---	-13.00	25.93	100.0	V	94.0	-75.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

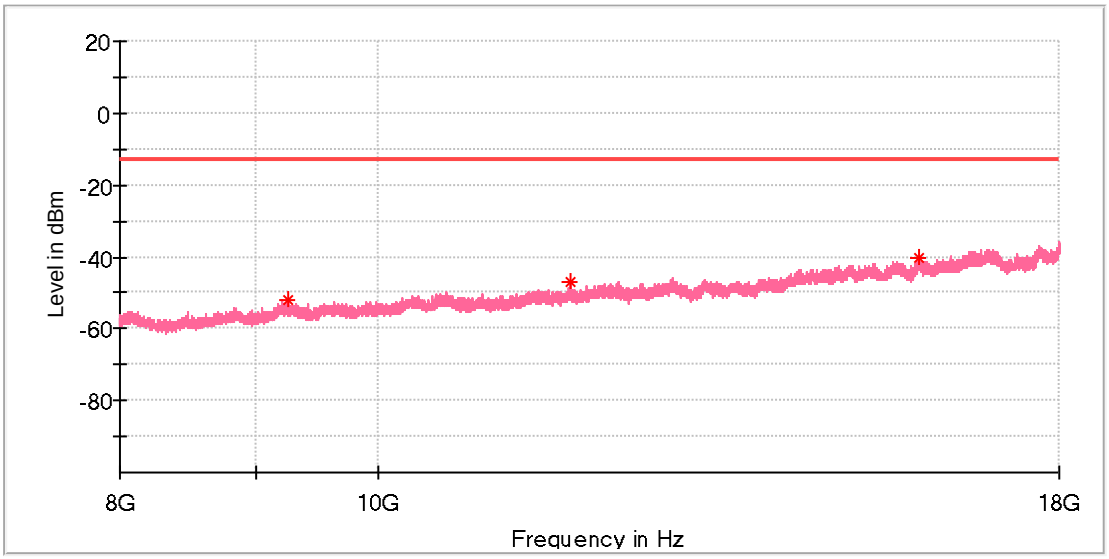
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9203.000000	-52.71	---	-13.00	39.71	100.0	H	277.0	-84.2
12895.500000	-46.01	---	-13.00	33.01	100.0	H	95.0	-78.4
16908.000000	-37.89	---	-13.00	24.89	100.0	H	49.0	-73.0

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

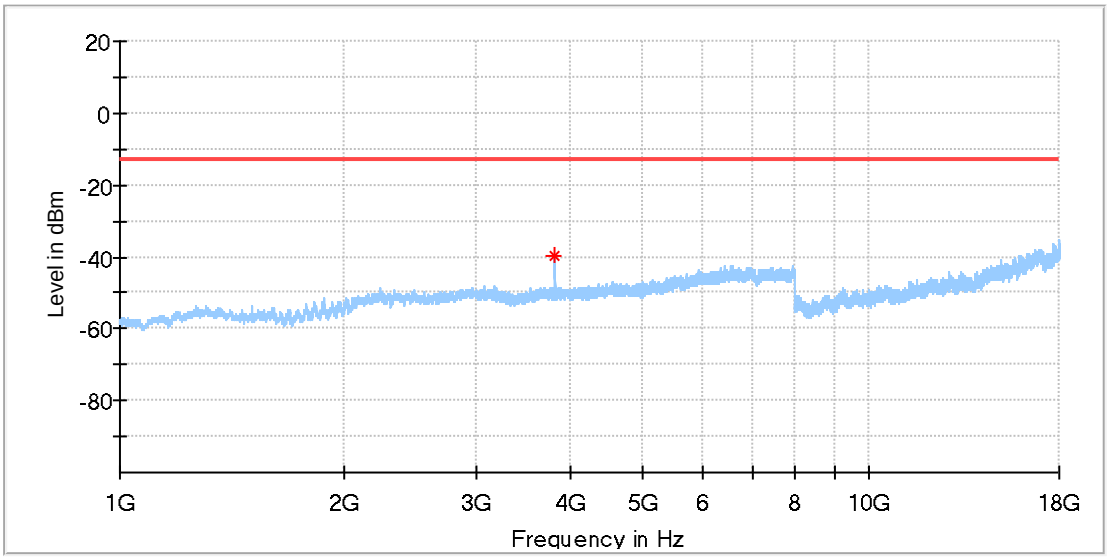
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9245.500000	-51.95	---	-13.00	38.95	100.0	V	294.0	-83.9
11797.000000	-47.14	---	-13.00	34.14	100.0	V	189.0	-81.9
15941.000000	-40.18	---	-13.00	27.18	100.0	V	354.0	-76.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

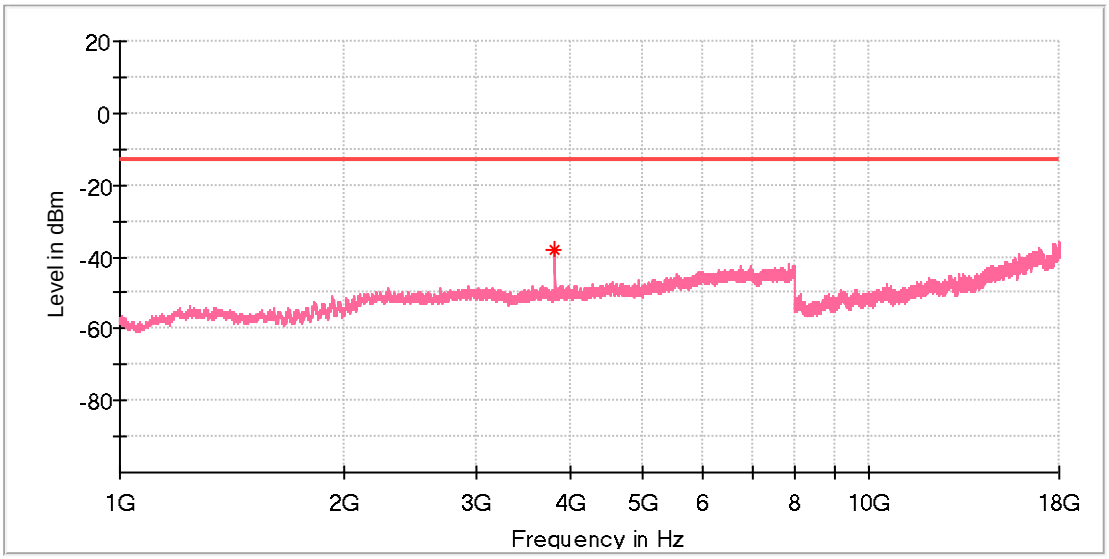
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3819.500000	-39.90	---	-13.00	26.90	100.0	H	304.0	-86.8

Final_Result

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

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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

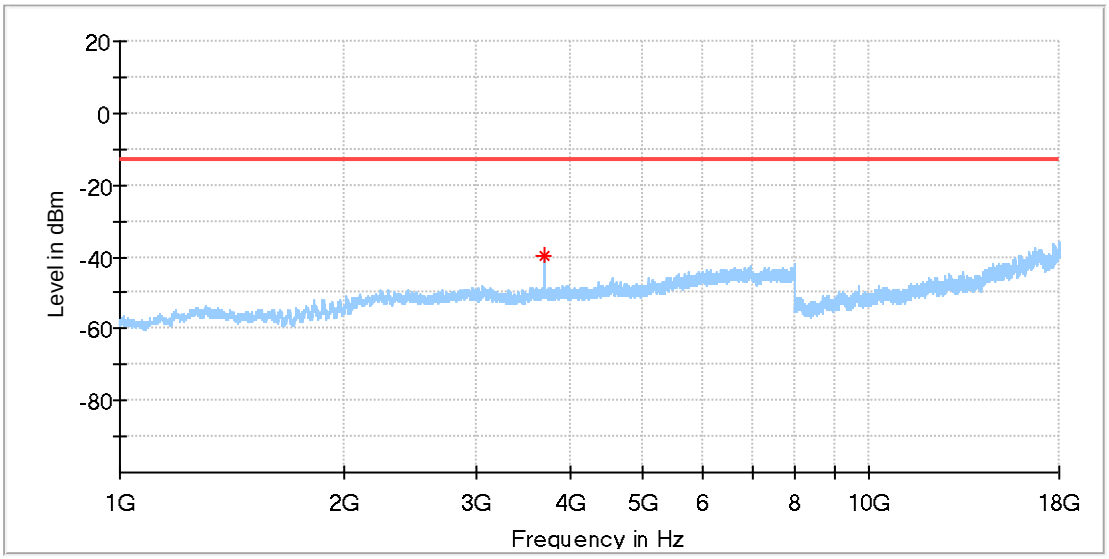
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3819.500000	-37.79	---	-13.00	24.79	100.0	V	21.0	-86.9

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

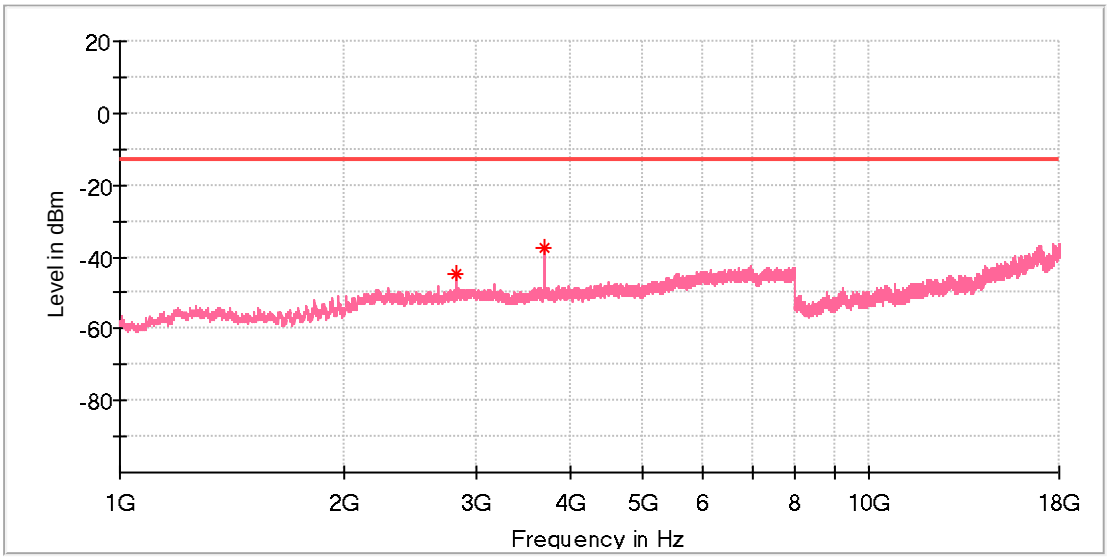
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3700.000000	-39.91	---	-13.00	26.91	100.0	H	136.0	-86.7

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

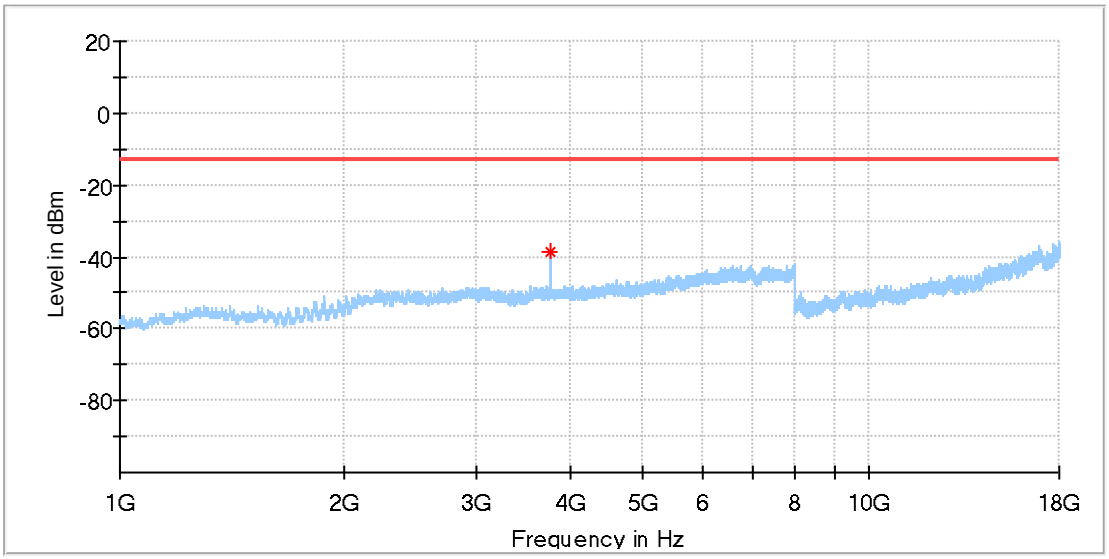
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2821.500000	-44.92	---	-13.00	31.92	100.0	V	68.0	-87.4
3699.500000	-37.40	---	-13.00	24.40	100.0	V	58.0	-86.7

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 24 and RSS-133 Issue 6
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

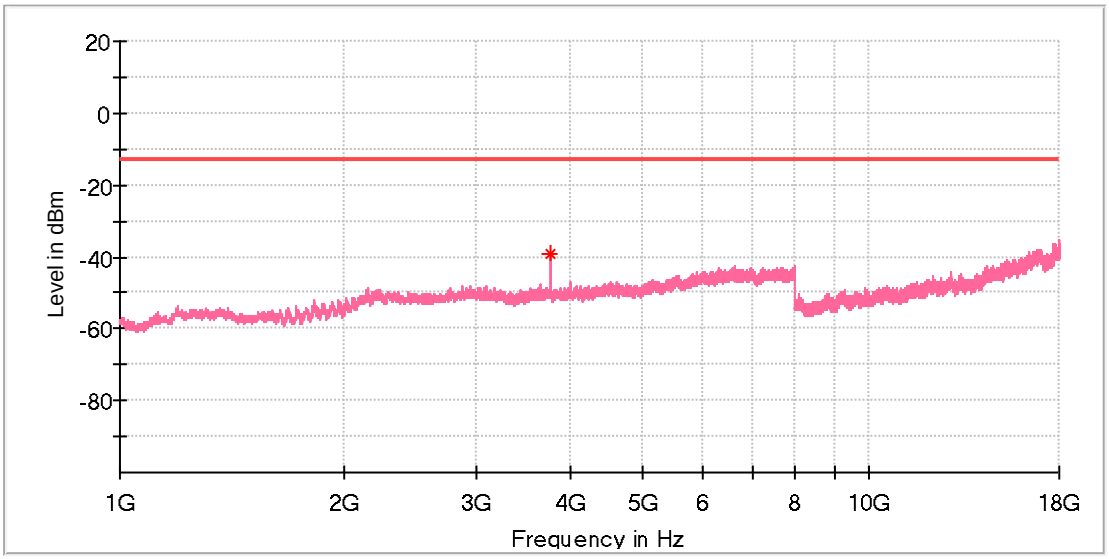
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3755.000000	-38.40	---	-13.00	25.40	100.0	H	303.0	-86.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 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)
3755.000000	-39.38	---	-13.00	26.38	100.0	V	169.0	-86.9

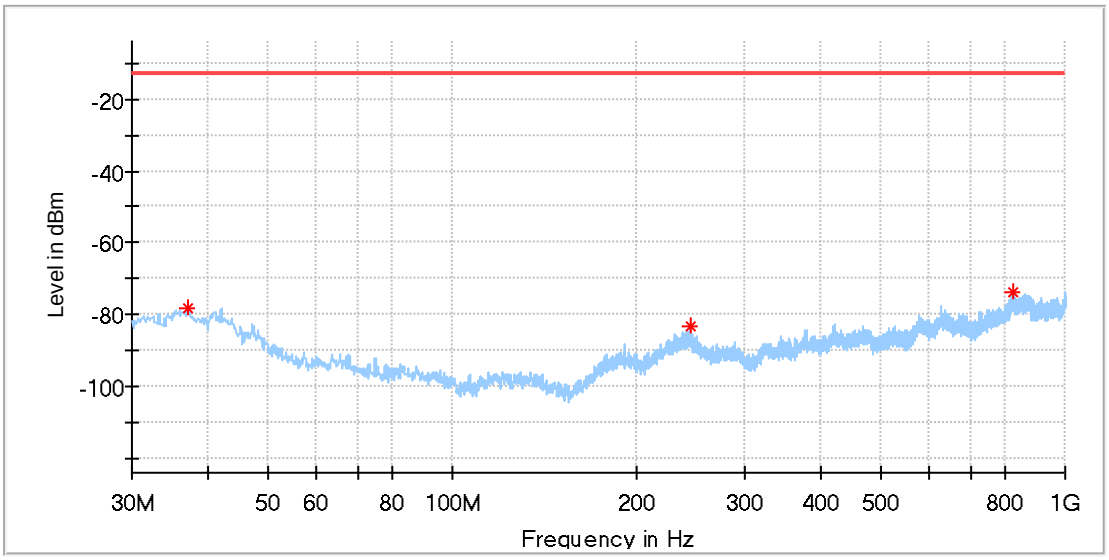
Final_Result

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

Band 4

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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

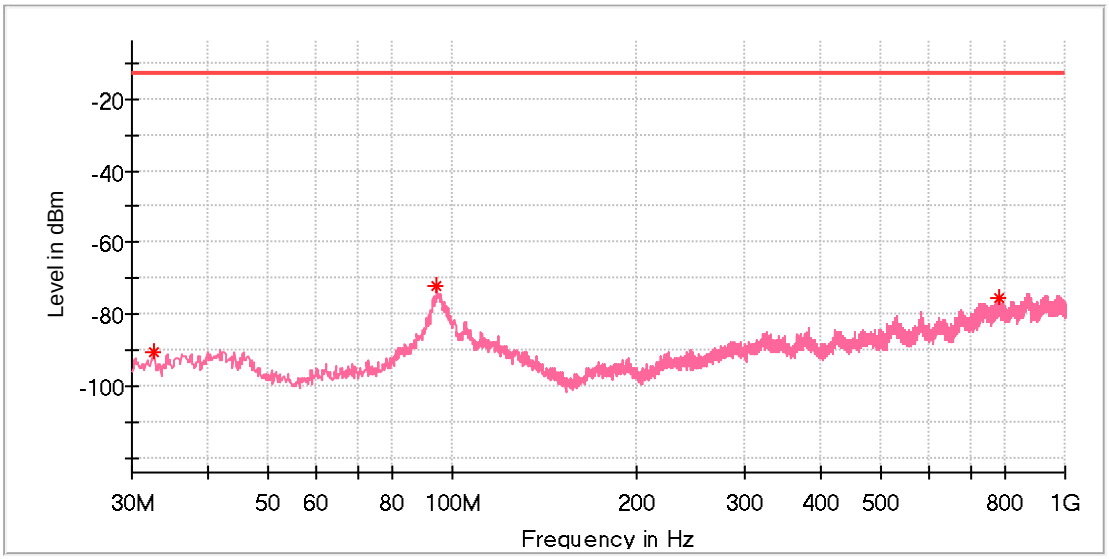
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
37.032500	-78.43	---	-13.00	65.43	100.0	H	0.0	-113.5
244.006250	-83.19	---	-13.00	70.19	100.0	H	250.0	-110.0
821.277500	-73.61	---	-13.00	60.61	100.0	H	298.0	-100.5

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_15kHz_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

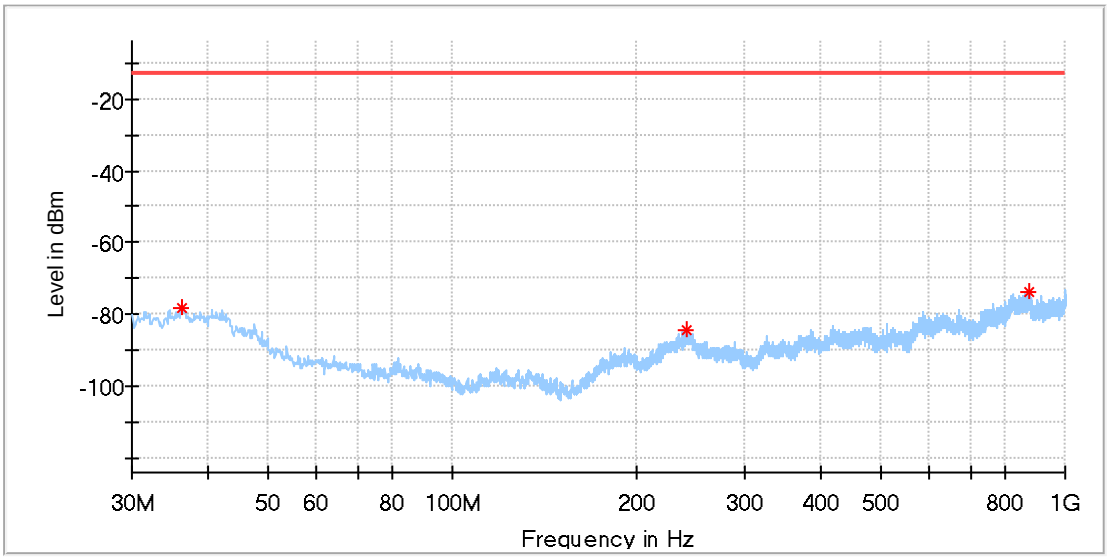
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
32.546250	-90.71	---	-13.00	77.71	100.0	V	142.0	-129.0
94.383750	-72.12	---	-13.00	59.12	100.0	V	253.0	-99.7
778.476250	-75.41	---	-13.00	62.41	100.0	V	347.0	-102.0

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_5M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 22 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

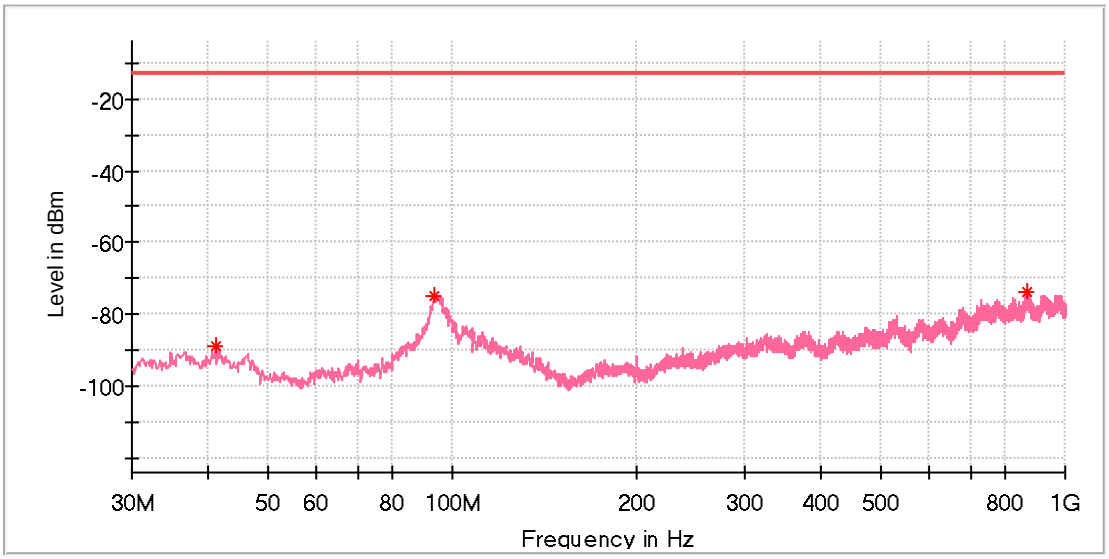
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
36.183750	-78.12	---	-13.00	65.12	100.0	H	83.0	-113.5
240.975000	-84.50	---	-13.00	71.50	100.0	H	228.0	-110.3
870.383750	-73.94	---	-13.00	60.94	100.0	H	83.0	-100.5

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_5M_QPSK_1@0_Low Channel
Test Voltage::	Battery
Remark:	Temp 24 Humi:47%
Test Standard:	FCC Part 24 and RSS-132 Issue 3
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

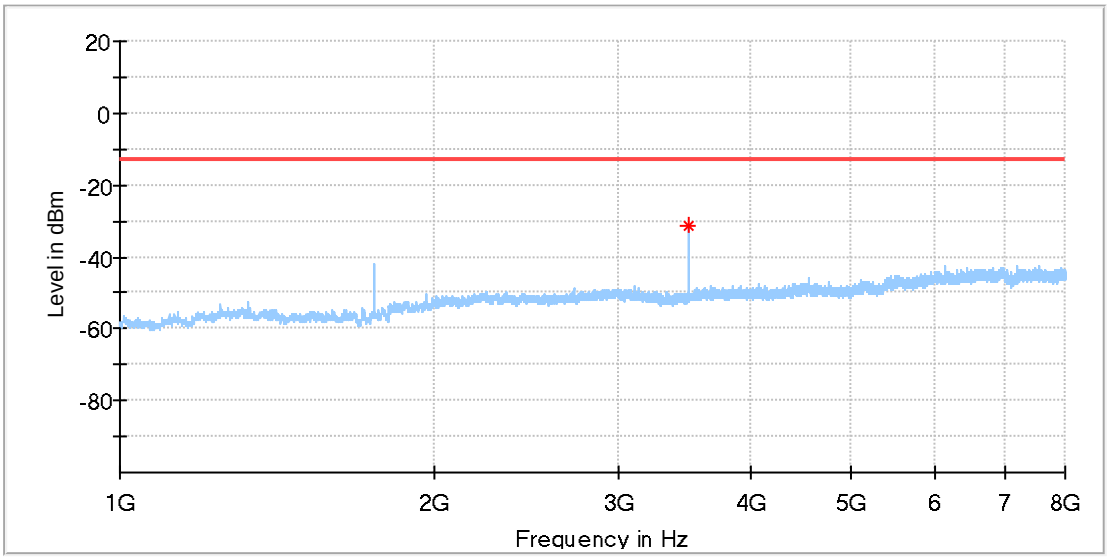
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
41.155000	-88.61	---	-13.00	75.61	100.0	V	328.0	-123.6
93.171250	-74.74	---	-13.00	61.74	100.0	V	155.0	-101.8
869.292500	-73.52	---	-13.00	60.52	100.0	V	140.0	-99.9

Final_Result

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

EUT Information

EUT Name:	Quarterback Gateway
Model:	T11012860
Test Mode:	TX_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

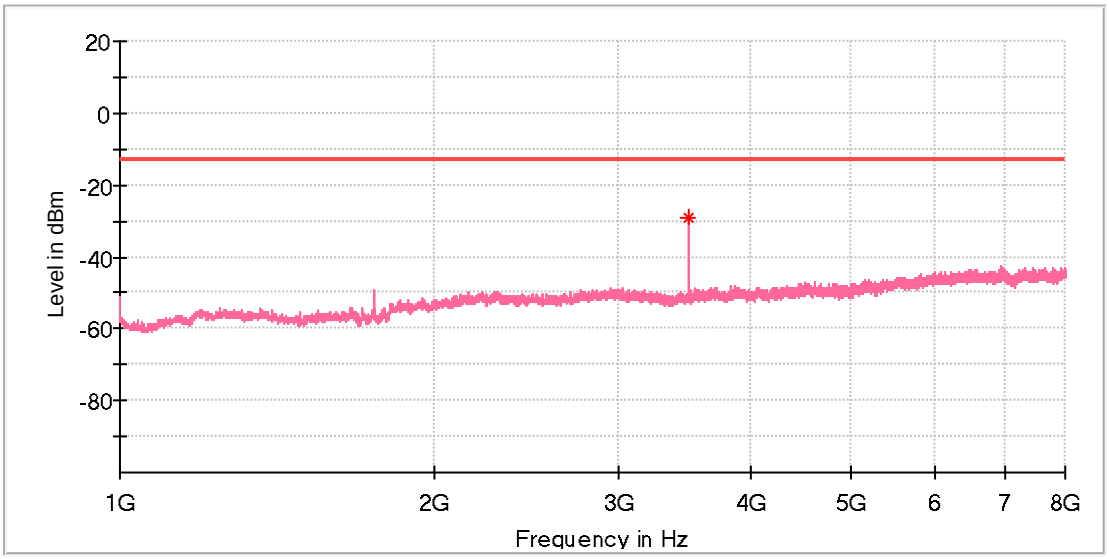
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3499.500000	-31.08	---	-13.00	18.08	100.0	H	140.0	-87.5

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

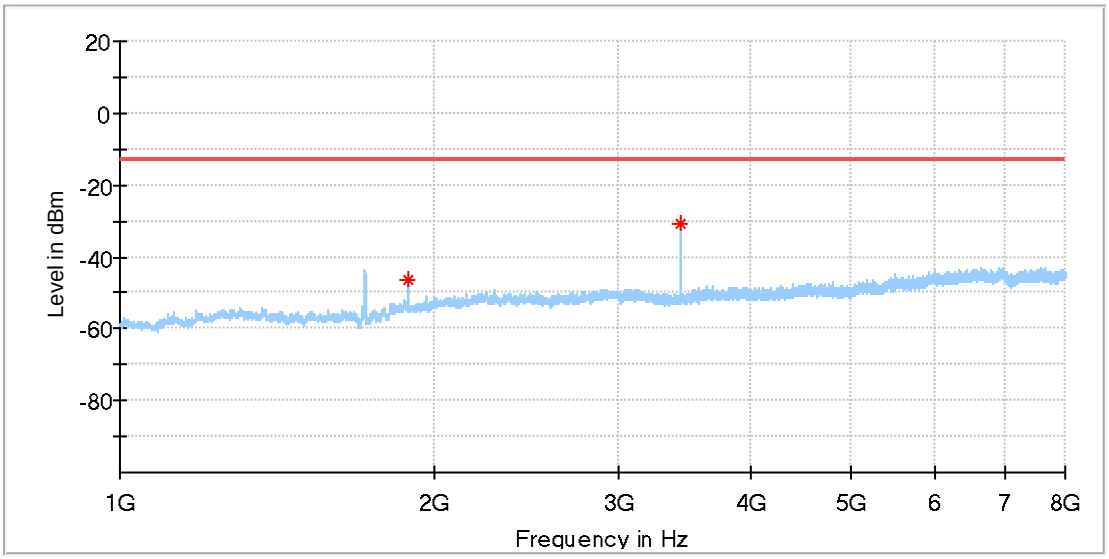
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3499.500000	-29.27	---	-13.00	16.27	100.0	V	267.0	-87.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

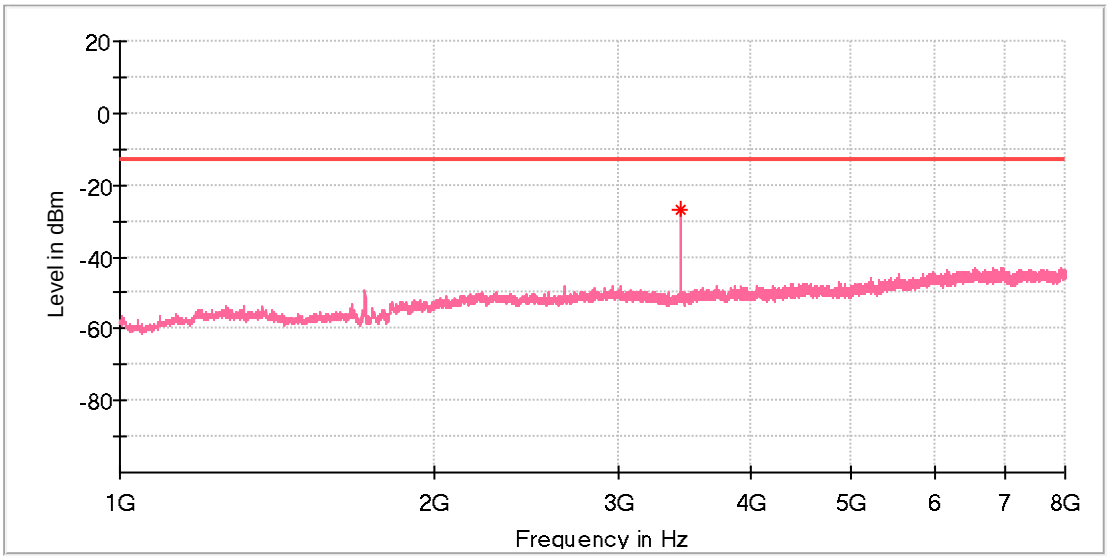
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1886.500000	-46.33	---	-13.00	33.33	100.0	H	246.0	-90.2
3429.500000	-30.54	---	-13.00	17.54	100.0	H	123.0	-87.8

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

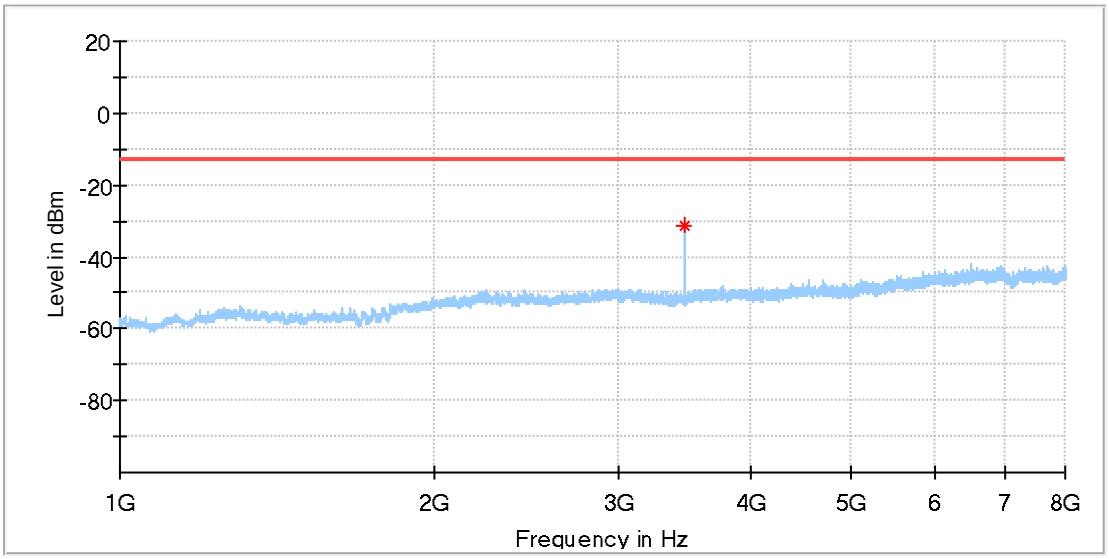
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3430.000000	-26.95	---	-13.00	13.95	100.0	V	277.0	-87.5

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

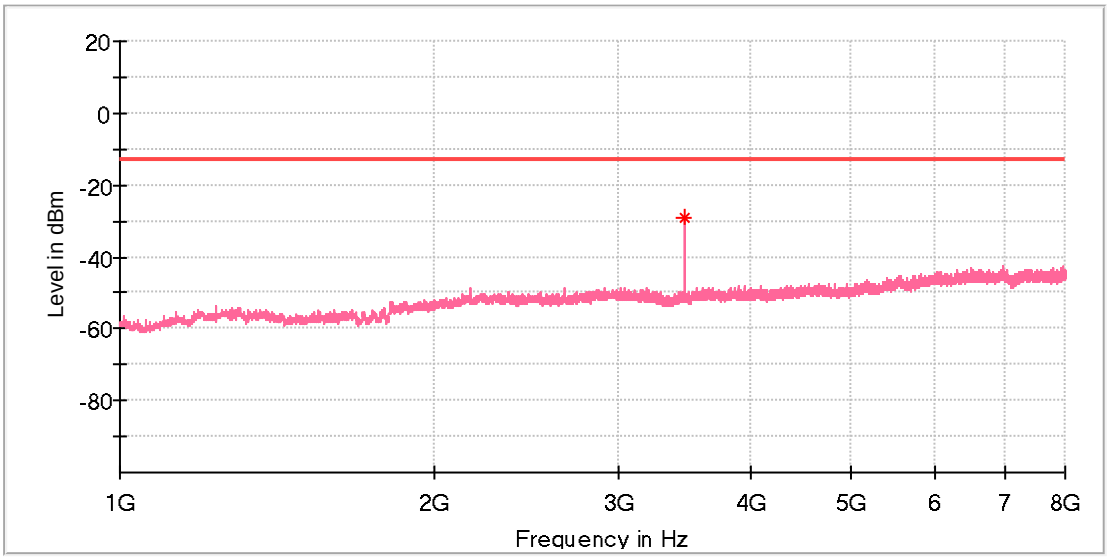
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3464.500000	-31.44	---	-13.00	18.44	100.0	H	136.0	-88.1

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

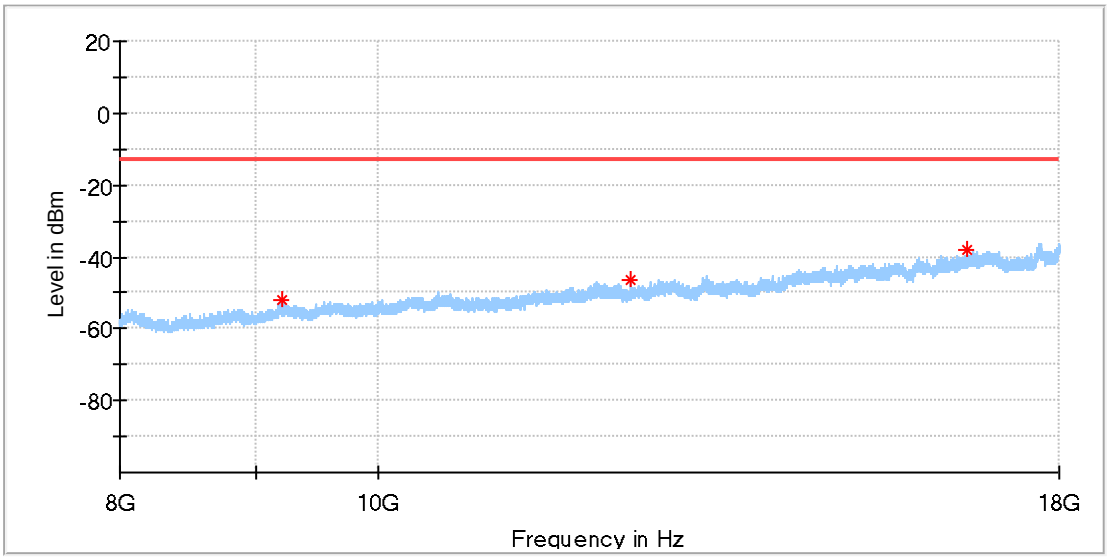
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3464.500000	-29.12	---	-13.00	16.12	100.0	V	275.0	-87.8

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

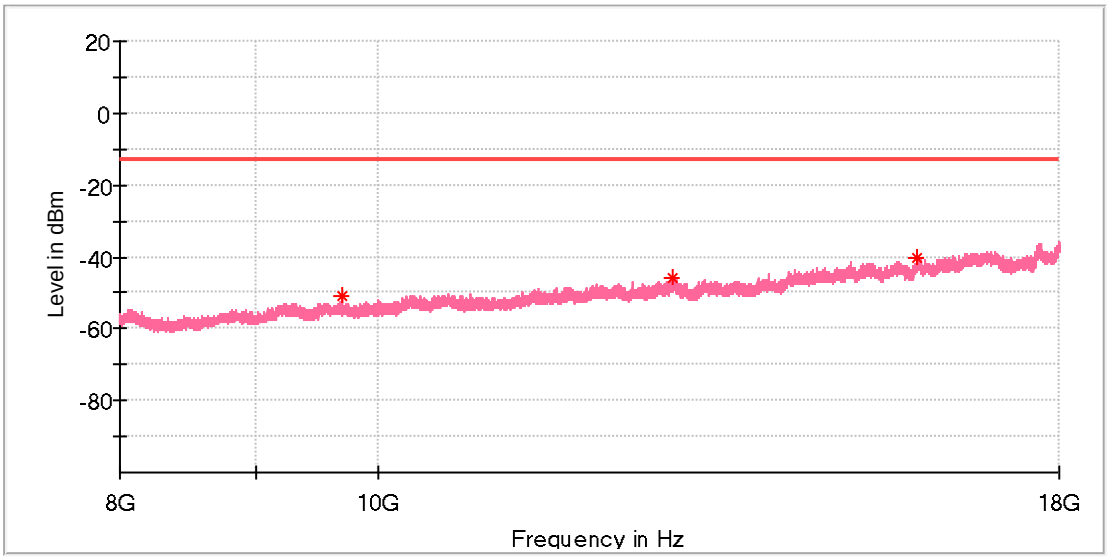
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9197.500000	-52.22	---	-13.00	39.22	100.0	H	300.0	-84.2
12437.000000	-46.44	---	-13.00	33.44	100.0	H	249.0	-80.8
16617.000000	-37.82	---	-13.00	24.82	100.0	H	158.0	-74.7

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

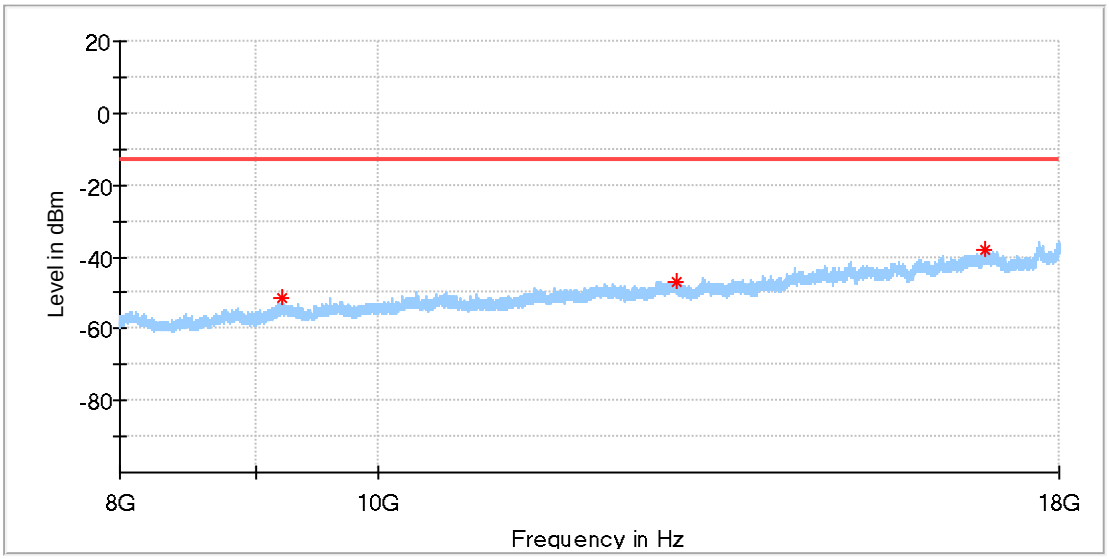
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9699.500000	-50.76	---	-13.00	37.76	100.0	V	259.0	-83.9
12888.000000	-45.83	---	-13.00	32.83	100.0	V	345.0	-78.5
15923.500000	-40.18	---	-13.00	27.18	100.0	V	86.0	-76.6

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

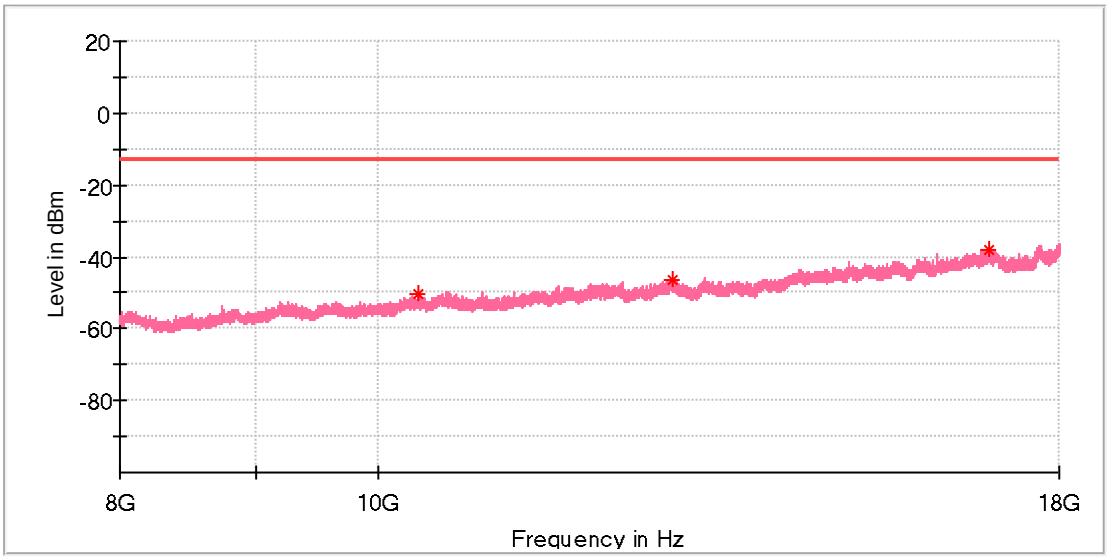
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9208.500000	-51.54	---	-13.00	38.54	100.0	H	0.0	-84.2
12935.000000	-46.77	---	-13.00	33.77	100.0	H	0.0	-78.7
16875.000000	-37.86	---	-13.00	24.86	100.0	H	157.0	-73.3

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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 27 and RSS-139 Issue 3 and RSS-130 Issue 2
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

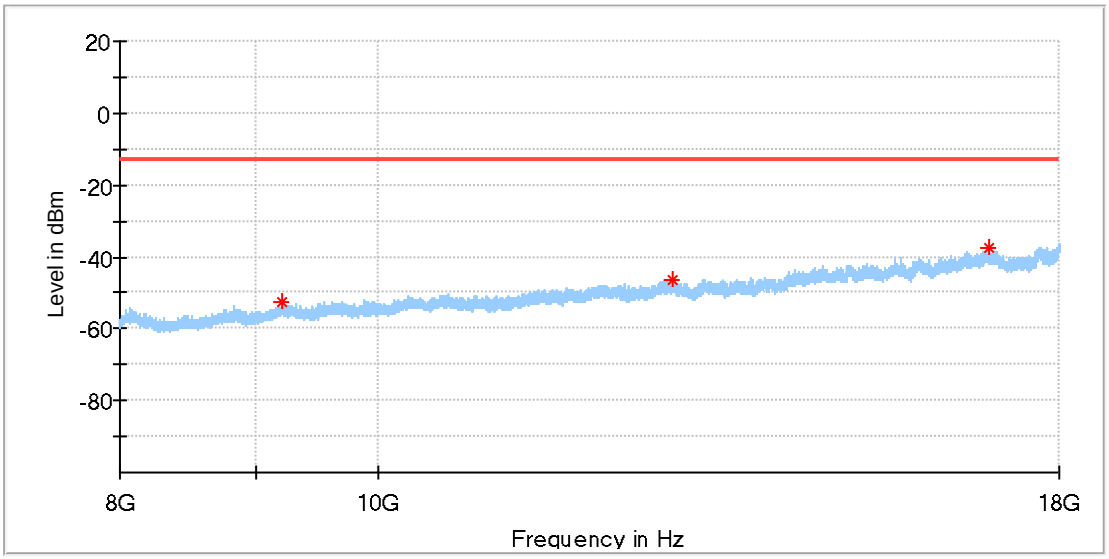
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10348.000000	-50.46	---	-13.00	37.46	100.0	V	268.0	-83.0
12889.000000	-46.53	---	-13.00	33.53	100.0	V	186.0	-78.5
16943.000000	-37.79	---	-13.00	24.79	100.0	V	354.0	-72.7

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

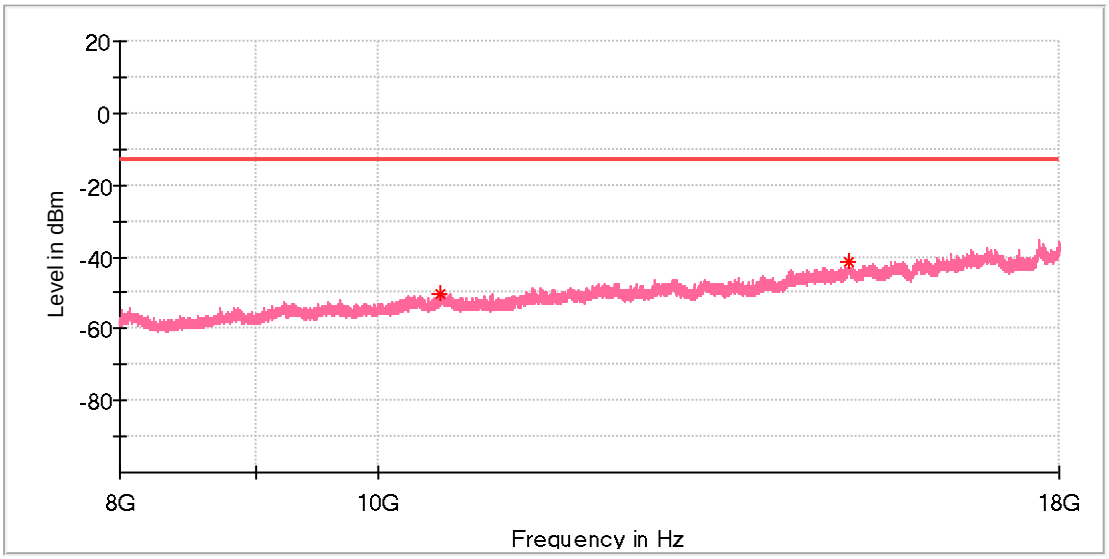
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
9203.000000	-52.42	---	-13.00	39.42	100.0	H	83.0	-84.2
12899.500000	-46.63	---	-13.00	33.63	100.0	H	121.0	-78.3
16928.500000	-37.68	---	-13.00	24.68	100.0	H	93.0	-72.9

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

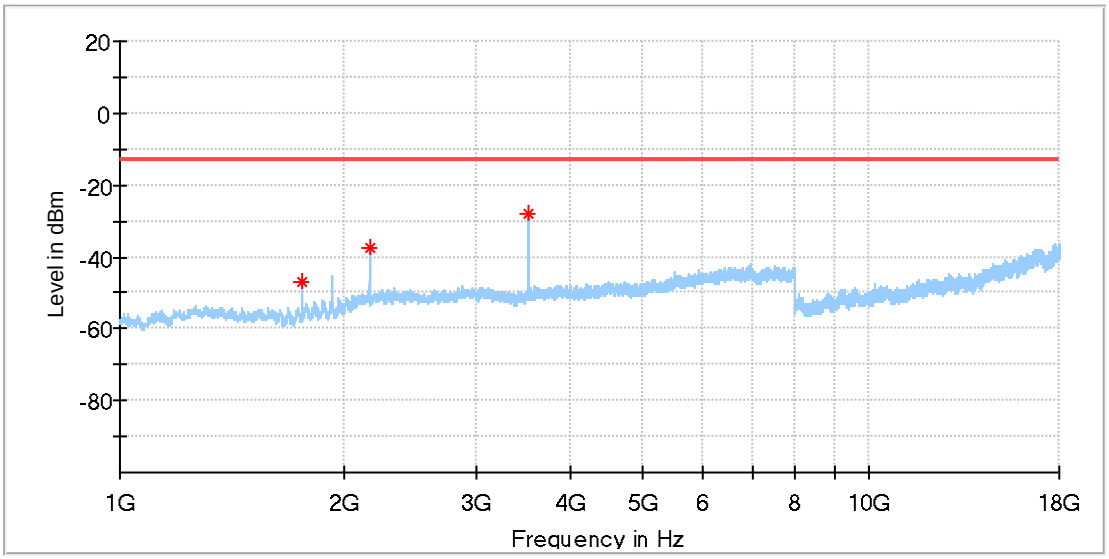
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10558.500000	-50.28	---	-13.00	37.28	100.0	V	0.0	-82.3
15019.000000	-41.15	---	-13.00	28.15	100.0	V	250.0	-77.4

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

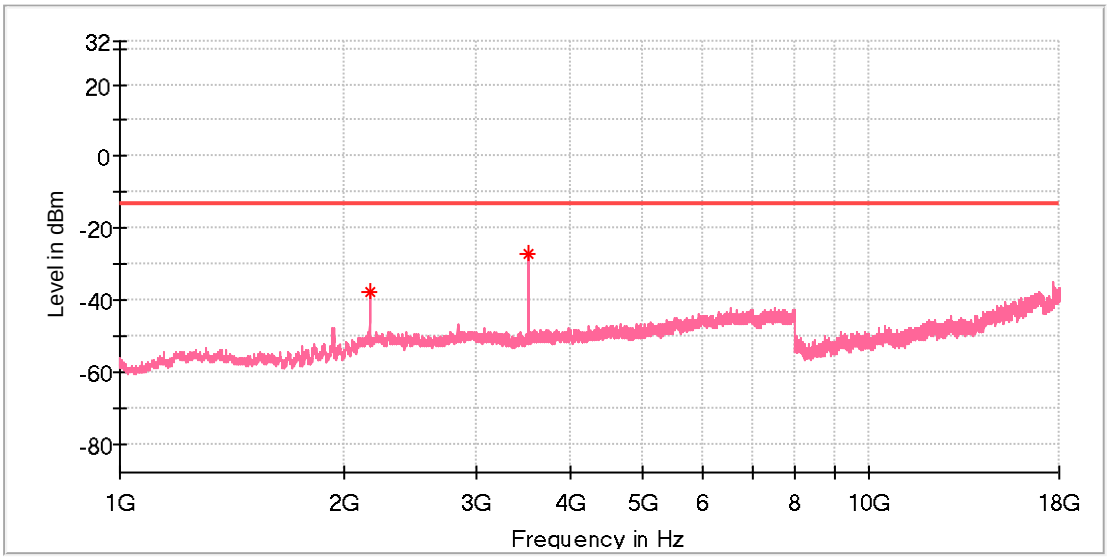
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1755.000000	-46.92	---	-13.00	33.92	100.0	H	86.0	-90.9
2155.000000	-37.66	---	-13.00	24.66	100.0	H	237.0	-88.6
3510.000000	-28.04	---	-13.00	15.04	100.0	H	316.0	-87.3

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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

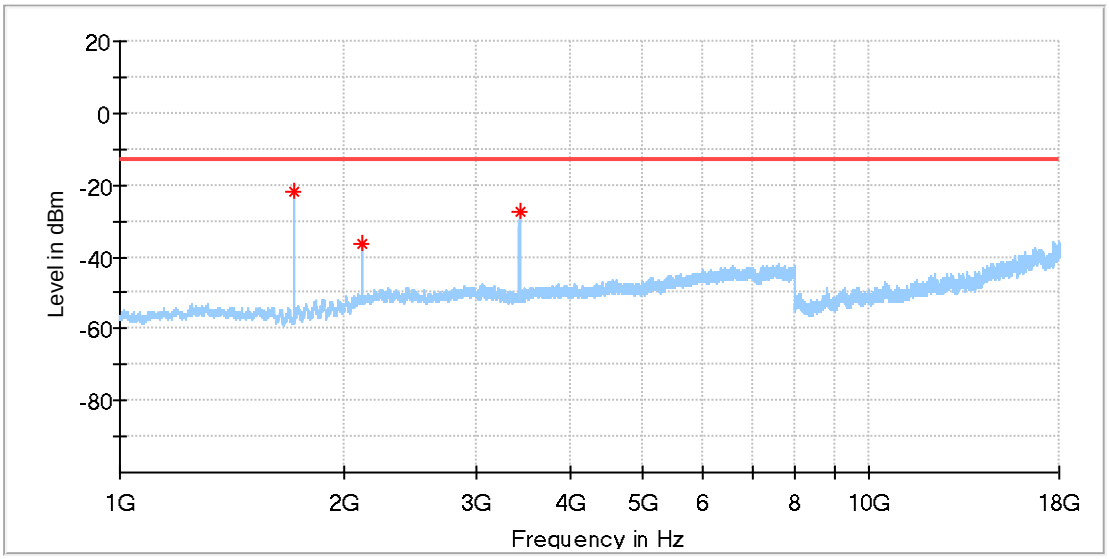
Frequency (MHz)	MaxPeak (dBm)	DET 2 (dBm)	Limit (dBm)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2155.000000	-37.77	---	-13.00	24.77	100.0	V	54.0	-88.1
3509.500000	-26.93	---	-13.00	13.93	100.0	V	101.0	-87.5

Final_Result

Frequency (MHz)	MaxPeak (dBm)	RMS (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)
1709.500000	-21.70	---	-13.00	8.70	100.0	H	84.0	-92.1
2110.000000	-36.56	---	-13.00	23.56	100.0	H	231.0	-89.0
3420.000000	-27.22	---	-13.00	14.22	100.0	H	331.0	-87.9

Final_Result

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