

## 9.7 RADIATED SPURIOUS EMISSION

### 9.7.1 Applicable Standard

According to FCC Part 15.247(d), 15.205, 15.209 and KDB 558074 D01 15.247 MEAS GUIDANCE v05r02  
According to IC RSS-Gen and RSS-247

### 9.7.2 Conformance Limit

According to FCC Part 15.247(d): radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

According to FCC Part 15.205, Restricted bands

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)
13.36-13.41			

According to FCC Part 15.205, the level of any transmitter spurious emission in Restricted bands shall not exceed the level of the emission specified in the following table

Restricted Frequency(MHz)	Field Strength ( $\mu\text{V/m}$ )	Field Strength ( $\text{dB}\mu\text{V/m}$ )	Measurement Distance
0.009-0.490	2400/F(KHz)	20 log ( $\mu\text{V/m}$ )	300
0.490-1.705	24000/F(KHz)	20 log ( $\mu\text{V/m}$ )	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

### 9.7.3 Test Configuration

Test according to clause 7.2 radio frequency test setup 2

### 9.7.4 Test Procedure

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

For Above 1GHz:

The EUT was placed on a turn table which is 1.5m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 1GHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 100 kHz for

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 30MHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 9kHz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

For Below 150KHz:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 200Hz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

Follow the guidelines in ANSI C63.10-2013 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Now set the VBW to 10 Hz, while maintaining all of the other instrument settings. This peak level, once corrected, must comply with the limit specified in Section 15.209. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a "duty cycle correction factor", derived from  $20\log(\text{dwell time}/100 \text{ ms})$ , in an effort to demonstrate compliance with the 15.209 limit. Submit this data.

Repeat above procedures until all frequency measured was complete.

## 9.7.5 Test Results

### ■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	22.3° C
Relative Humidity:	45%
ATM Pressure:	1011 mbar

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
		PK	AV	PK	AV	PK	AV
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Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Distance extrapolation factor =  $40\log(\text{Specific distance}/\text{test distance})$  (dB);

Limit line = Specific limits(dBuV) + distance extrapolation factor

■ Spurious Emission Above 1GHz (1GHz to 25GHz)

All the antenna(Antenna 1) and modes(GFSK,  $\pi/4$ -DQPSK, 8DPSK) mode have been tested, and the worst(Antenna 1, GFSK) result recorded was report as below:

Test mode: GFSK Frequency: Channel 0: 2402MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
9147.19	V	58.49	45.60	74.00	54.00	-15.51	-8.40
11803.28	V	57.97	45.11	74.00	54.00	-16.03	-8.89
14201.69	V	58.21	45.55	74.00	54.00	-15.79	-8.45
9972.87	H	56.45	43.76	74.00	54.00	-17.55	-10.24
12068.91	H	56.51	43.75	74.00	54.00	-17.49	-10.25
16221.18	H	56.18	43.52	74.00	54.00	-17.82	-10.48

Test mode: GFSK Frequency: Channel 39: 2441MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8426.32	V	57.16	43.83	74.00	54.00	-16.84	-10.17
11697.99	V	57.29	44.15	74.00	54.00	-16.71	-9.85
16123.02	V	58.08	45.23	74.00	54.00	-15.92	-8.77
9918.26	H	56.95	44.47	74.00	54.00	-17.05	-9.53
14921.25	H	56.59	43.88	74.00	54.00	-17.41	-10.12
16716.19	H	56.83	44.20	74.00	54.00	-17.17	-9.80

Test mode: GFSK Frequency: Channel 78: 2480MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
11266.59	V	57.40	44.52	74.00	54.00	-16.60	-9.48
15068.61	V	58.46	45.15	74.00	54.00	-15.54	-8.85
16696.88	V	58.45	45.07	74.00	54.00	-15.55	-8.93
11095.32	H	57.47	44.62	74.00	54.00	-16.53	-9.38
13097.62	H	57.39	44.65	74.00	54.00	-16.61	-9.35
15336.64	H	57.28	43.99	74.00	54.00	-16.72	-10.01

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

■ Spurious Emission in Restricted Band 2310-2390MHz and 2483.5-2500MHz

All the antenna(Antenna 1) and modes(GFSK,  $\pi/4$ -DQPSK, 8DPSK, Hopping) mode have been tested, and the worst(Antenna 1, GFSK, Hopping) result recorded was report as below:

Test mode: GFSK Frequency: Channel 0: 2402MHz

Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2384.39	H	44.57	74.00	32.33	54.00
2358.32	V	44.80	74.00	32.13	54.00

Test mode: GFSK Frequency: Channel 78: 2480MHz

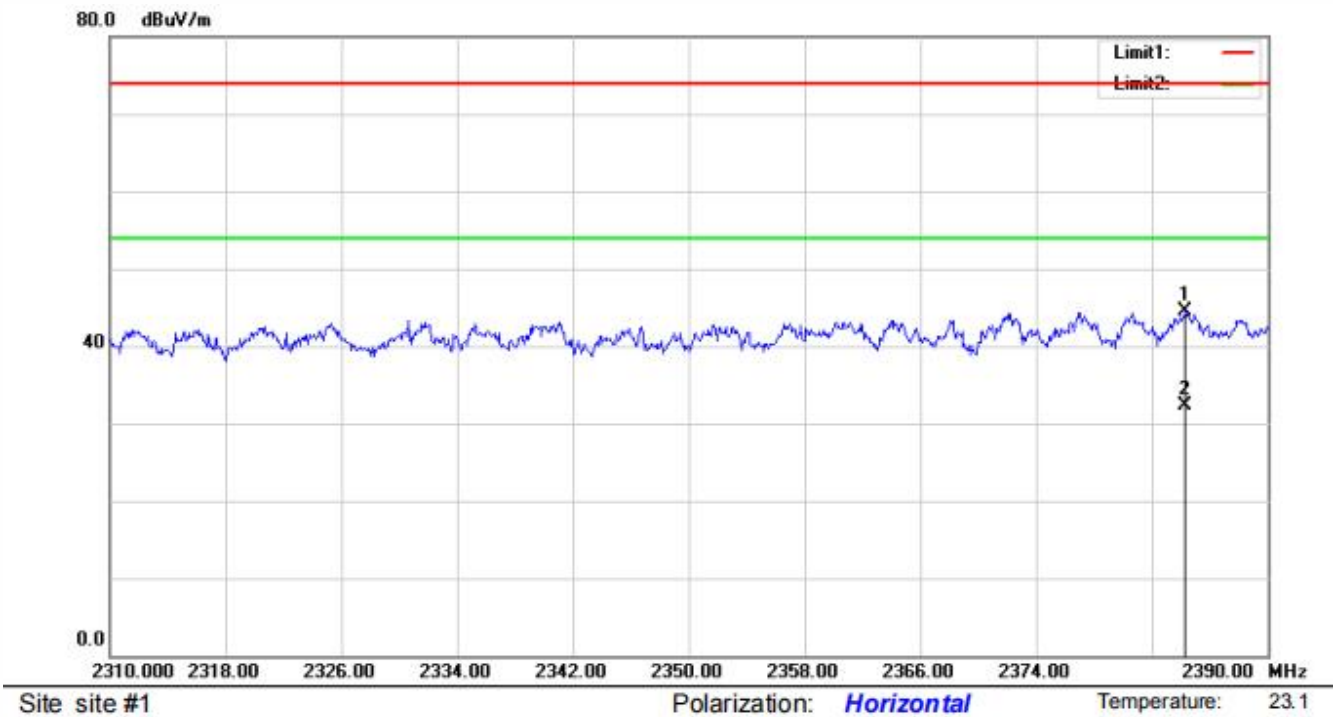
Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2496.91	H	44.27	74.00	31.50	54.00
2495.23	V	44.48	74.00	31.76	54.00

Test mode: GFSK Frequency: Hopping

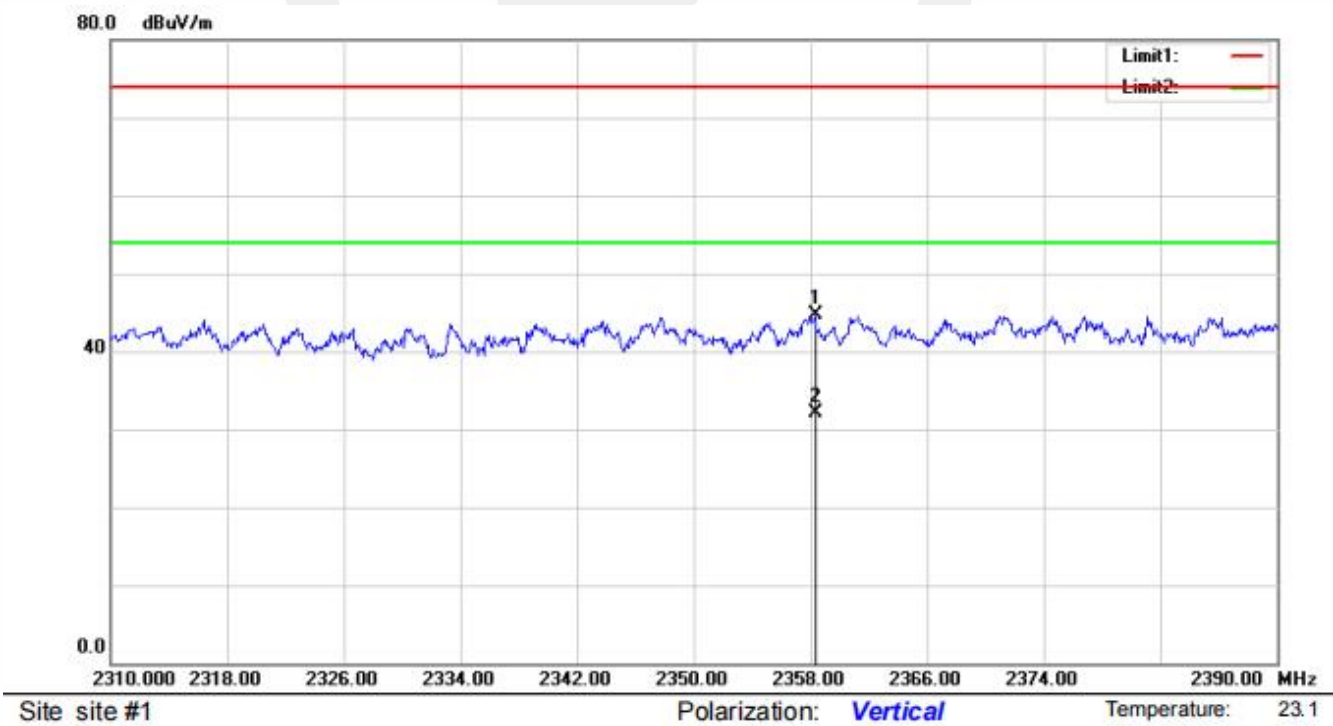
Frequency (MHz)	Polarity H/V	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
2387.71	H	45.92	74.00	33.36	54.00
2400.00	H	49.94	74.00	37.63	54.00
2483.50	H	48.13	74.00	35.49	54.00
2389.42	V	46.06	74.00	33.25	54.00
2400.00	V	46.65	74.00	33.49	54.00
2483.50	V	46.02	74.00	33.28	54.00

- Note:**
- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
  - (2) Emission Level= Reading Level+Correct Factor.
  - (3) Correct Factor= Ant\_F + Cab\_L - Preamp
  - (4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	GFSK	H

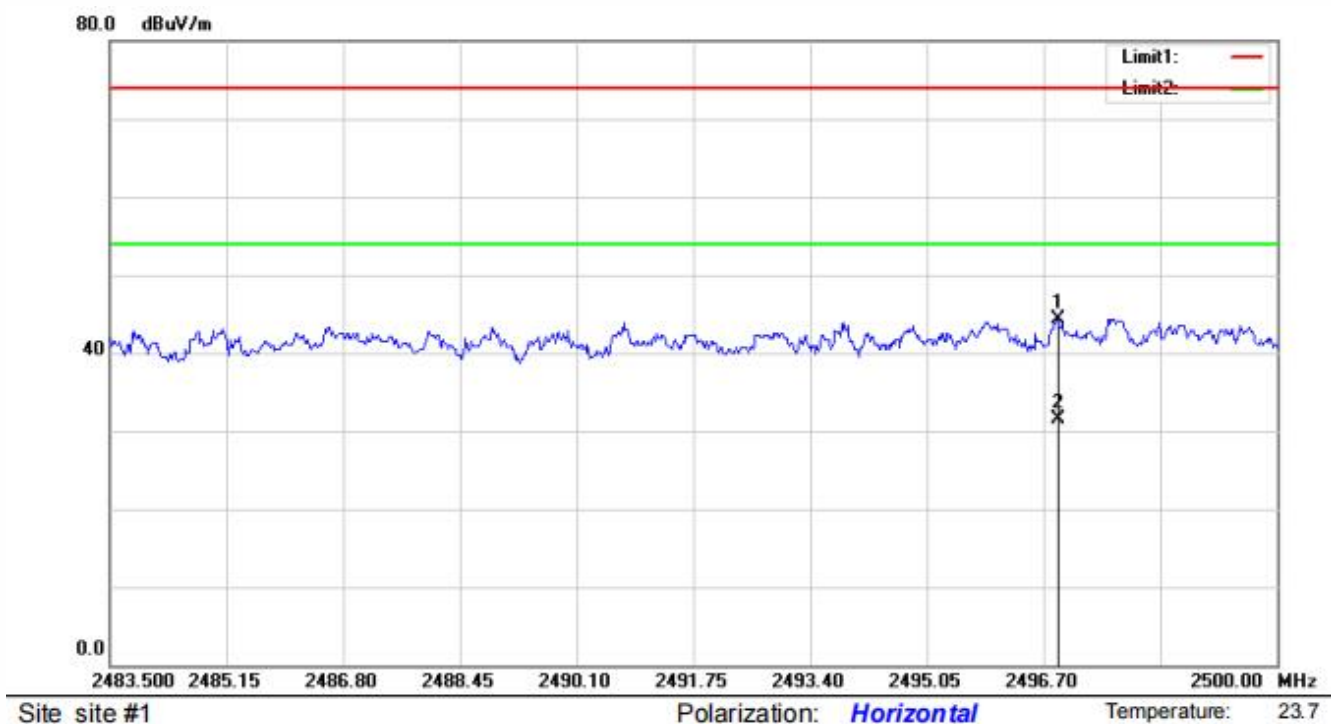


Test Model	Spurious Emission in Restricted Band 2310-2390MHz		
	Channel 0: 2402MHz	GFSK	V

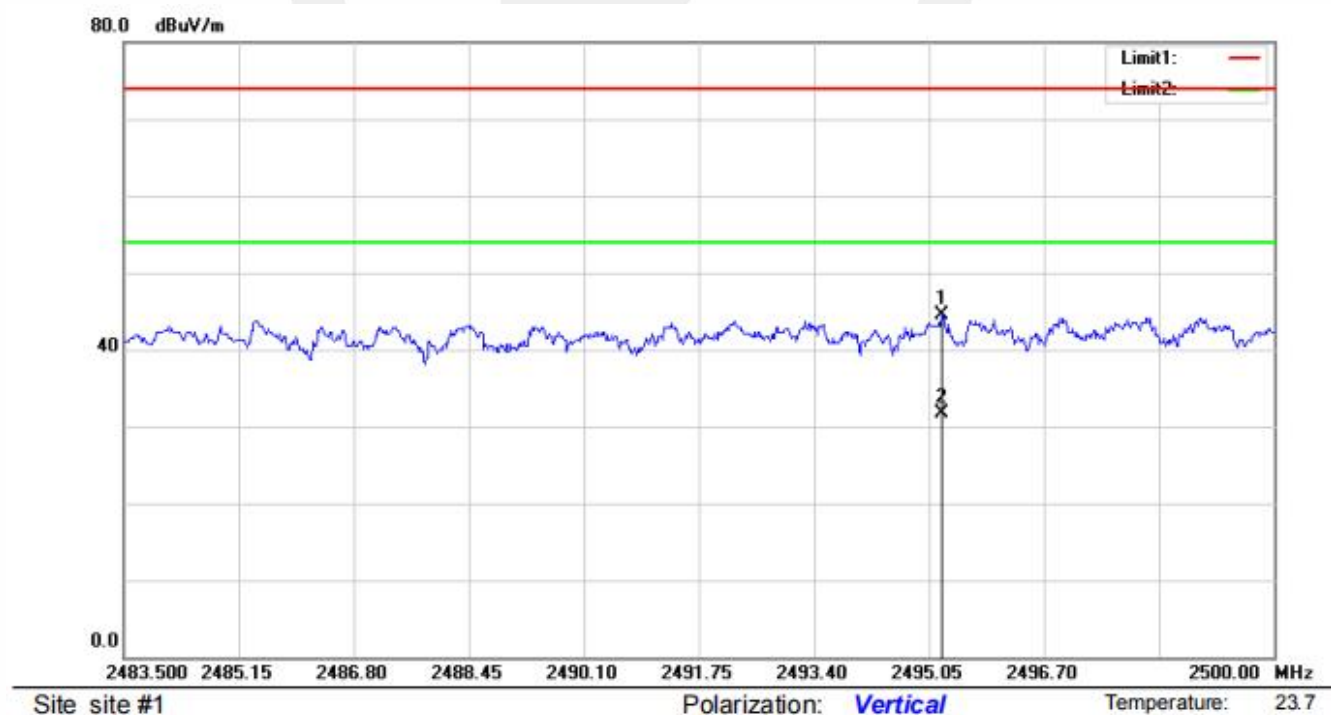




Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz Channel 78: 2480MHz	GFSK	H
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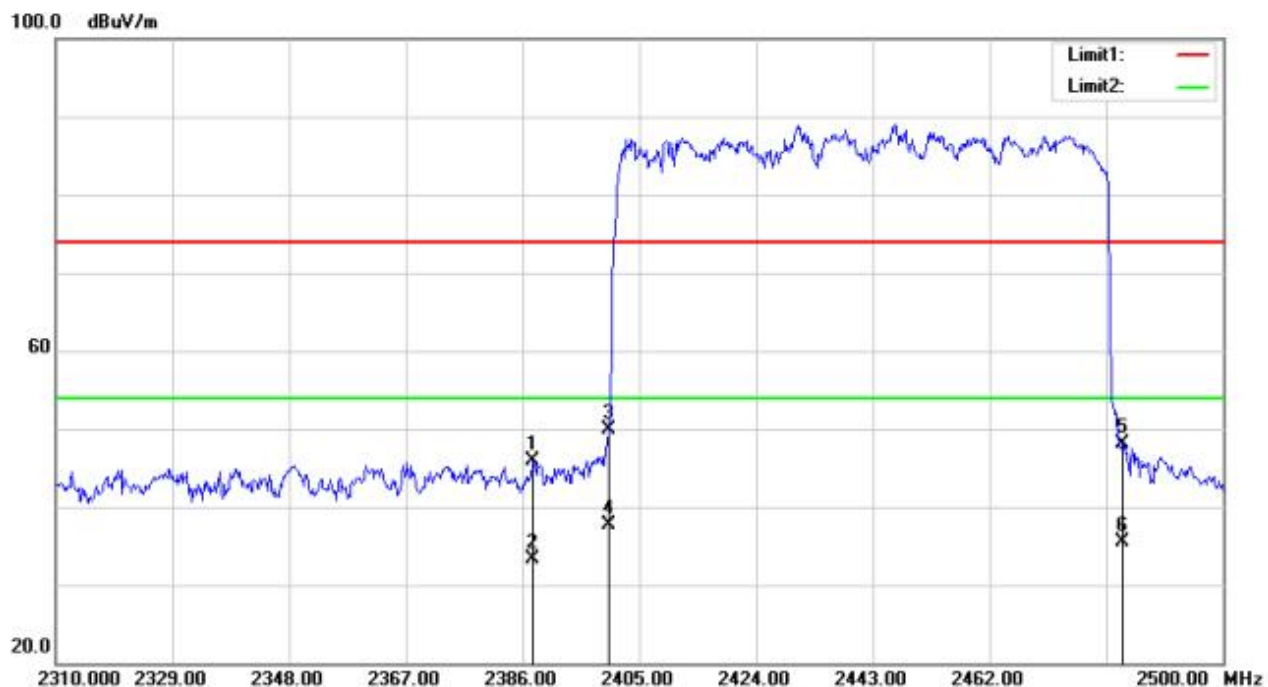


Test Model	Spurious Emission in Restricted Band 2483.5-2500MHz Channel 78: 2480MHz	GFSK	V
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Test Model

Spurious Emission in Restricted Band 2310-2390MHz and 2400-2483.5MHz  
Hopping GFSK H



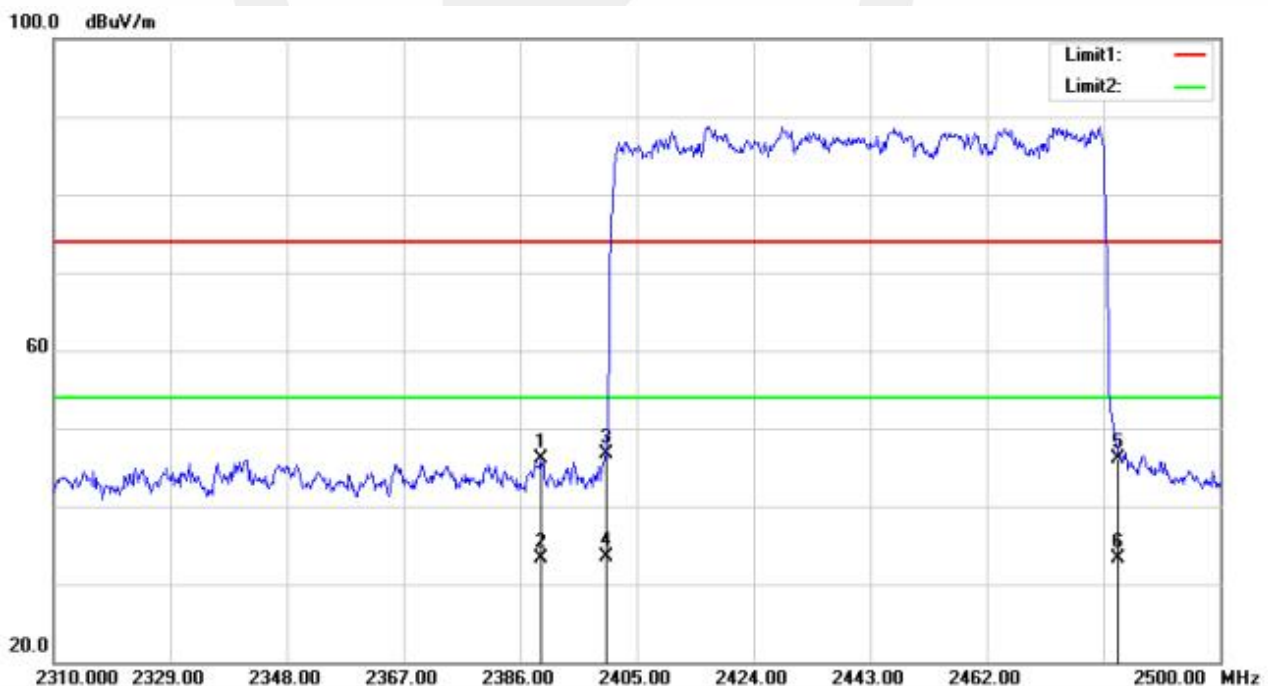
Site site #1

Polarization: **Horizontal**

Temperature: 22.8

Test Model

Spurious Emission in Restricted Band 2310-2390MHz and 2400-2483.5MHz  
Hopping GFSK V



Site site #1

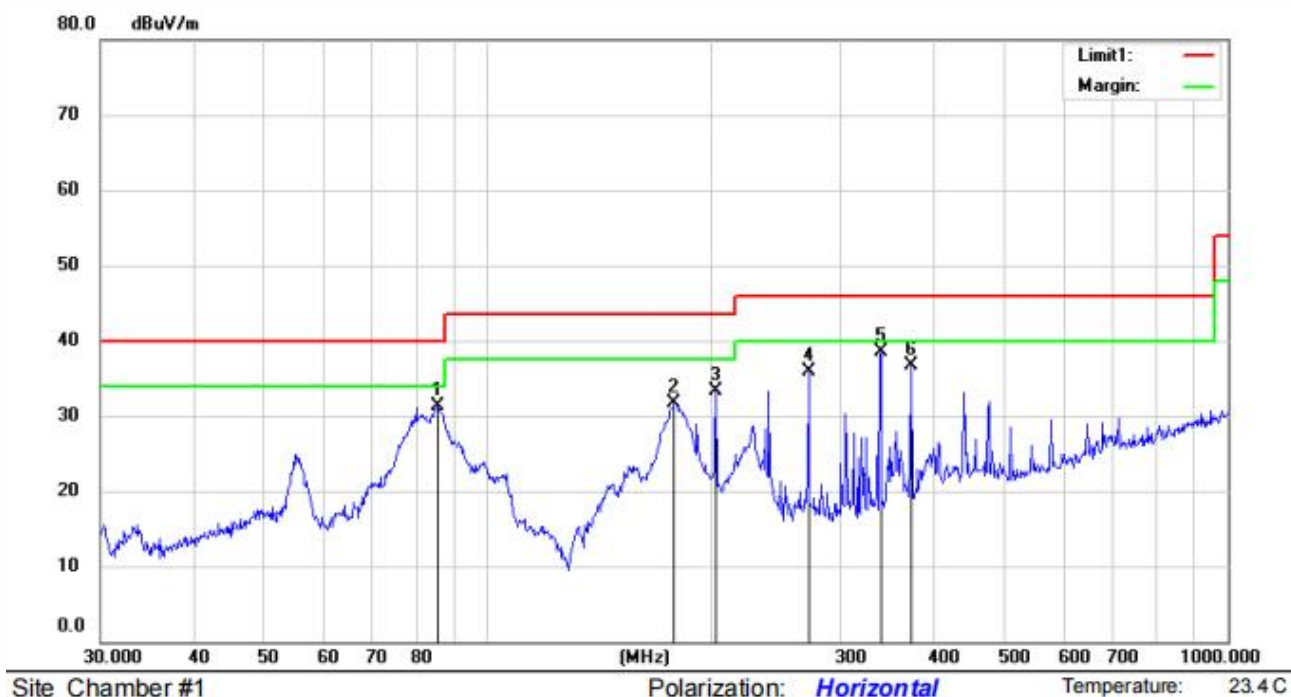
Polarization: **Vertical**

Temperature: 22.8



## ■ Spurious Emission below 1GHz (30MHz to 1GHz)

All the antenna(Antenna 1) and modes(GFSK,  $\pi/4$ -DQPSK, 8DPSK) mode have been tested, and the worst(Antenna 1,  $\pi/4$ -DQPSK) result recorded was report as below:



M/N: TAZ4300B

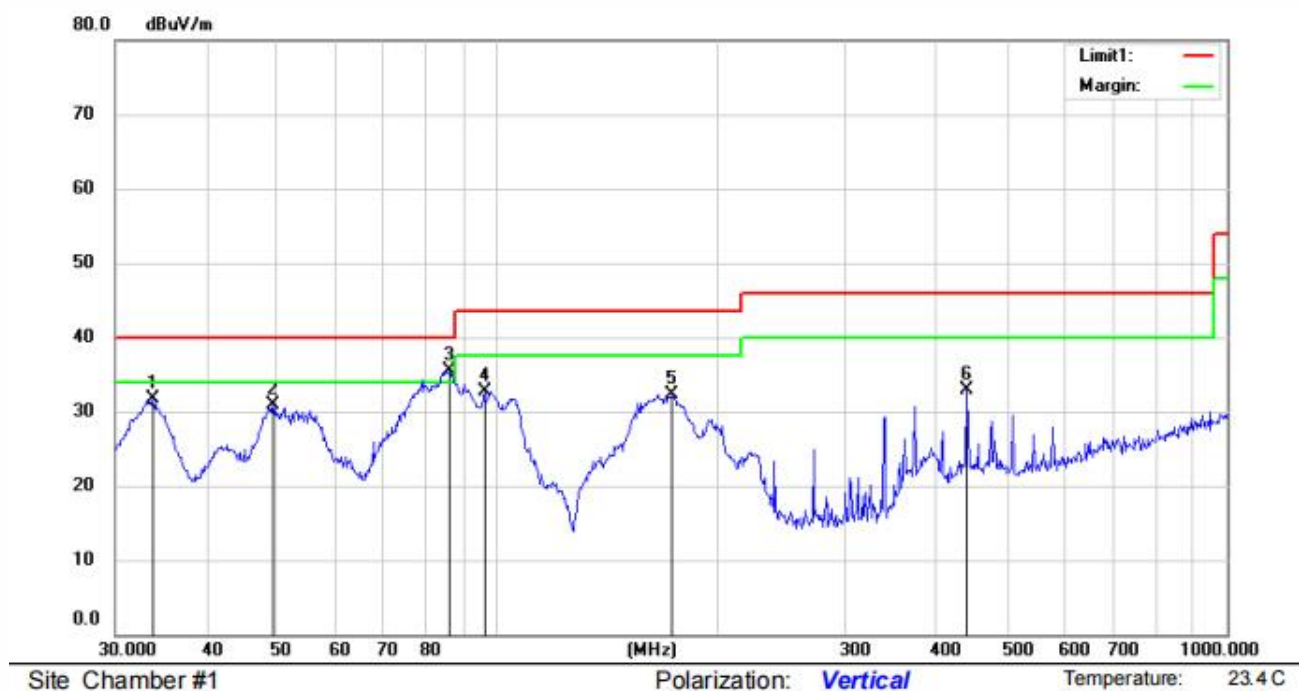
Mode: BT

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Ant. Factor dB/m	Pre Amp Gain dB	Cable loss dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	HI	Degree	Comment
1		85.5977	52.15	8.76	30.67	1.06	31.30	40.00	-8.70	QP		
2		178.7582	50.87	9.68	30.47	1.59	31.67	43.50	-11.83	QP		
3		203.5226	50.30	11.7	30.34	1.73	33.39	43.50	-10.11	QP		
4		271.3245	50.45	13.38	29.98	2.14	35.99	46.00	-10.01	QP		
5	*	339.5888	51.32	14.77	29.83	2.33	38.59	46.00	-7.41	QP		
6		373.3110	47.84	15.61	29.82	2.99	36.62	46.00	-9.38	QP		

\*:Maximum data x:Over limit !:over margin

Operator: Ccyf



M/N: TAZ4300B

Mode: BT

Note:

No.	Mk.	Freq.	Reading	Ant.	Pre Amp	Cable	Measure-	Limit	Over	HI	Degree	
		MHz	dBuV	Factor	Gain	loss	ment			Detector	cm	deg.
1		33.7986	50.27	11.43	30.55	0.6	31.75	40.00	-8.25	QP		
2		49.3594	46.64	13.97	30.48	0.77	30.90	40.00	-9.10	QP		
3	*	86.2001	56.20	8.91	30.68	1.06	35.49	40.00	-4.51	QP		
4		96.0985	51.43	10.98	30.83	1.08	32.66	43.50	-10.84	QP		
5		173.8135	51.64	9.58	30.5	1.56	32.28	43.50	-11.22	QP		
6		440.1961	43.11	16.78	29.82	2.89	32.96	46.00	-13.04	QP		

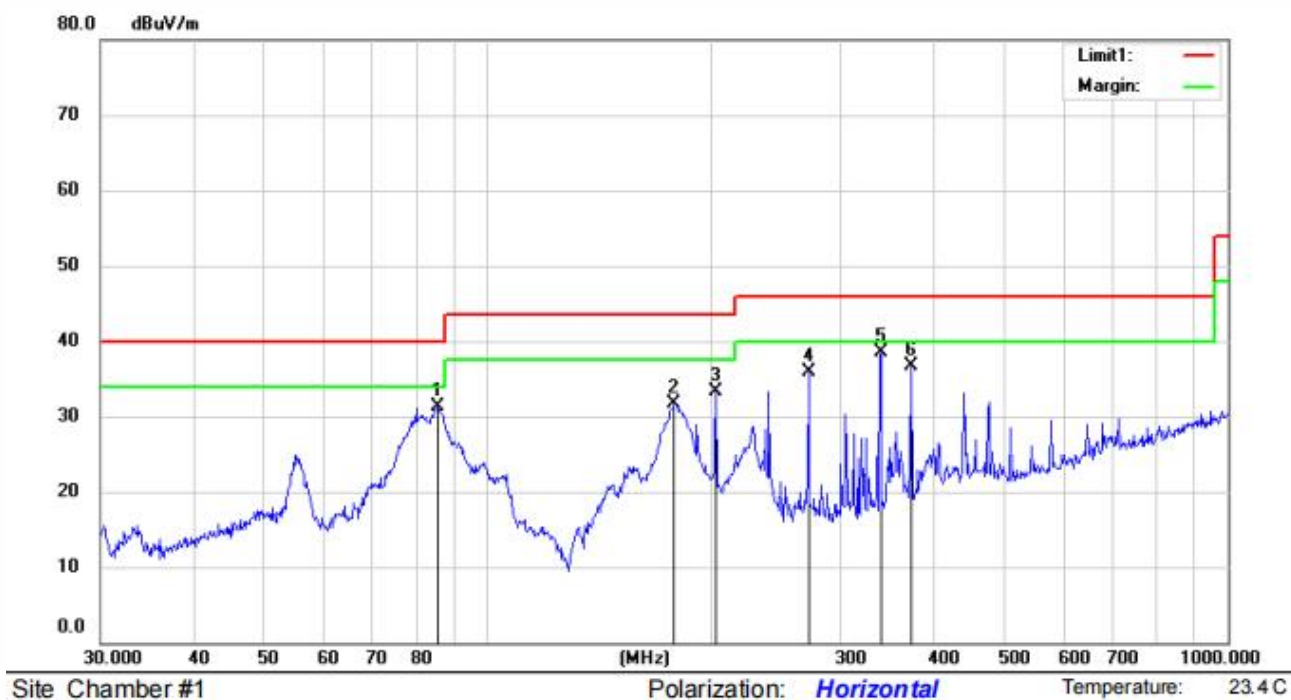
\*:Maximum data x:Over limit !:over margin

Operator: Ccyf

Remark:

1. Measurement (dBuV/m) = Antenna Factor(dB) -Amp Factor(dB) +Cable Loss(dB) + Reading(dBuV/m)

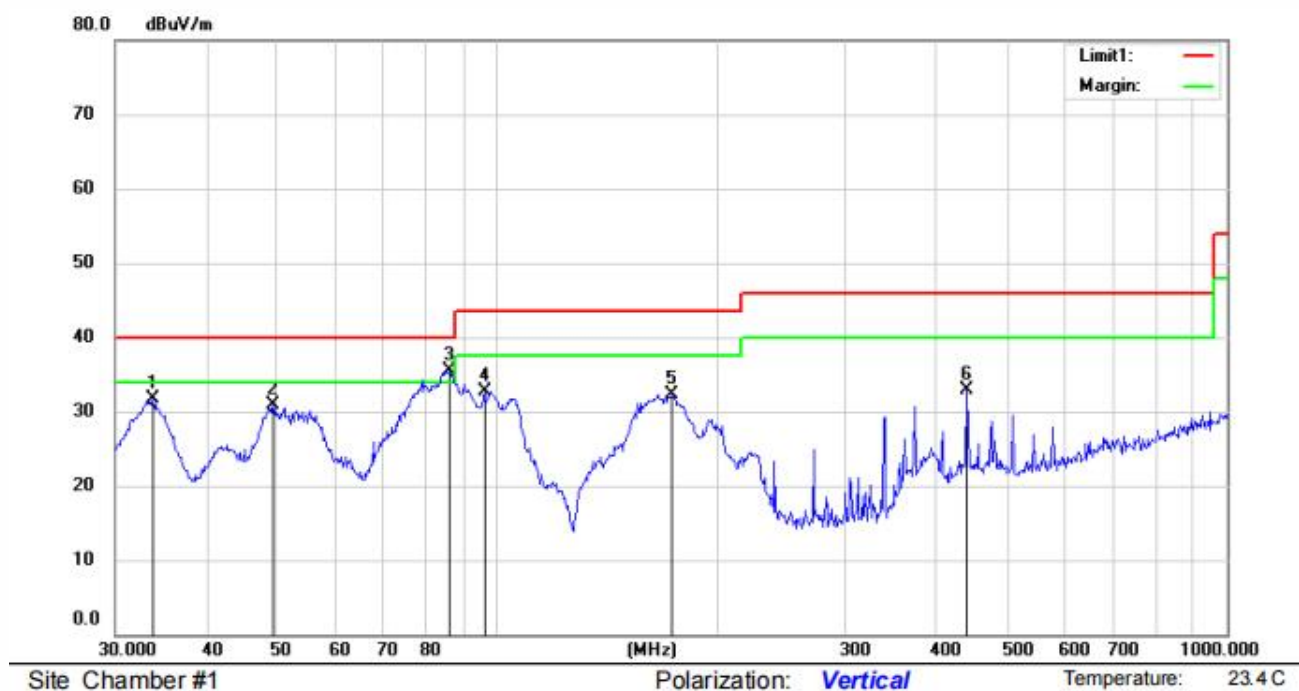
2. Over (dB) = Measurement (dBuV/m) - Limit (dBuV/m)



No.	Mk.	Freq.	Reading	Ant.	Pre Amp	Cable	Measure-	Limit	Over	HI	Degree	
		MHz	dBuV	Factor	Gain	loss	ment	dBuV/m	dB	Detector	cm	deg. Comment
1		85.5977	52.15	8.76	30.67	1.06	31.30	40.00	-8.70	QP		
2		178.7582	50.87	9.68	30.47	1.59	31.67	43.50	-11.83	QP		
3		203.5226	50.30	11.7	30.34	1.73	33.39	43.50	-10.11	QP		
4		271.3245	50.45	13.38	29.98	2.14	35.99	46.00	-10.01	QP		
5	*	339.5888	51.32	14.77	29.83	2.33	38.59	46.00	-7.41	QP		
6		373.3110	47.84	15.61	29.82	2.99	36.62	46.00	-9.38	QP		

\*:Maximum data x:Over limit !:over margin

Operator: Ccyf



No.	Mk.	Freq. MHz	Reading Level dBuV	Ant. Factor dB/m	Pre Amp Gain dB	Cable loss dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	HI	Degree	Comment
1		33.7986	50.27	11.43	30.55	0.6	31.75	40.00	-8.25	QP		
2		49.3594	46.64	13.97	30.48	0.77	30.90	40.00	-9.10	QP		
3	*	86.2001	56.20	8.91	30.68	1.06	35.49	40.00	-4.51	QP		
4		96.0985	51.43	10.98	30.83	1.08	32.66	43.50	-10.84	QP		
5		173.8135	51.64	9.58	30.5	1.56	32.28	43.50	-11.22	QP		
6		440.1961	43.11	16.78	29.82	2.89	32.96	46.00	-13.04	QP		

\*:Maximum data x:Over limit !:over margin

Operator: Ccyf

#### Remark:

1. Measurement (dBμV/m) = Antenna Factor(dB) -Amp Factor(dB) +Cable Loss(dB) + Reading(dBμV/m)
2. Over (dB) = Measurement (dBμV/m) - Limit (dBμV/m)

## 9.8 CONDUCTED EMISSION TEST

### 9.8.1 Applicable Standard

According to FCC Part 15.207

According to IC RSS-Gen 8.8

### 9.8.2 Conformance Limit

Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50
Note: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.		

### 9.8.3 Test Configuration

Test according to clause 7.3 conducted emission test setup

### 9.8.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

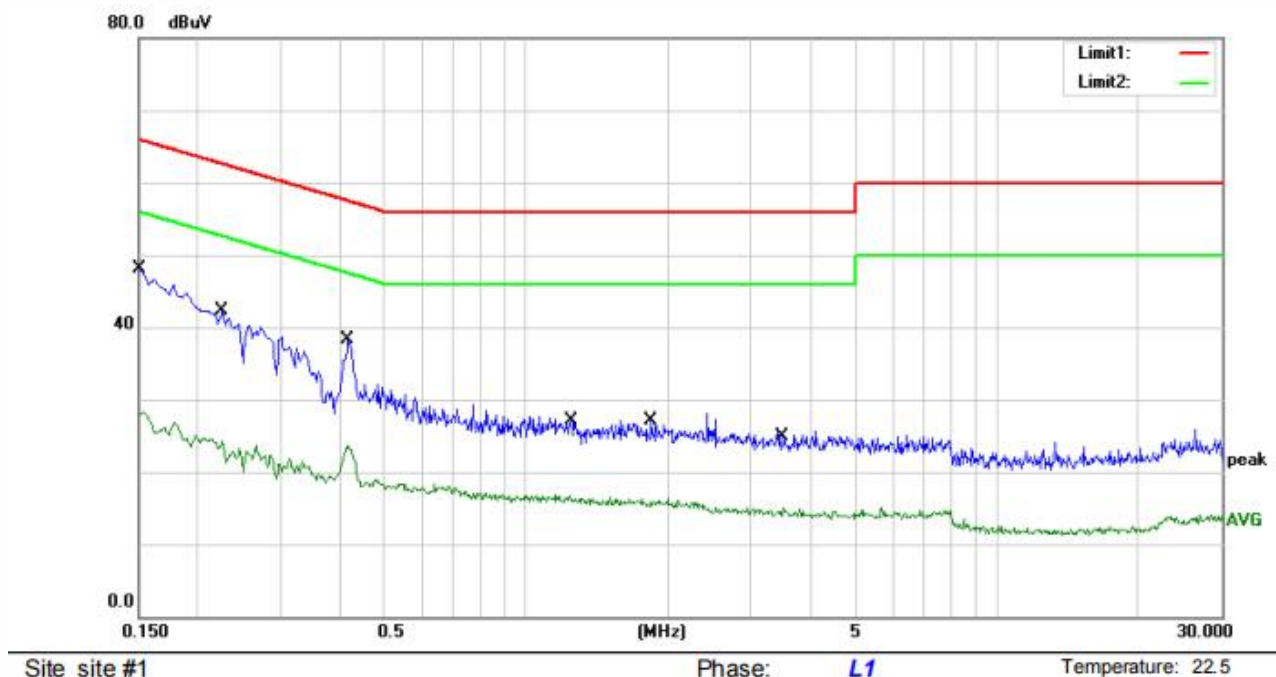
Repeat above procedures until all frequency measured were complete.

### 9.8.5 Test Results

Pass

The AC120V &240V voltage have been tested, and the worst result recorded was report as below:





M/N: TAZ3300B

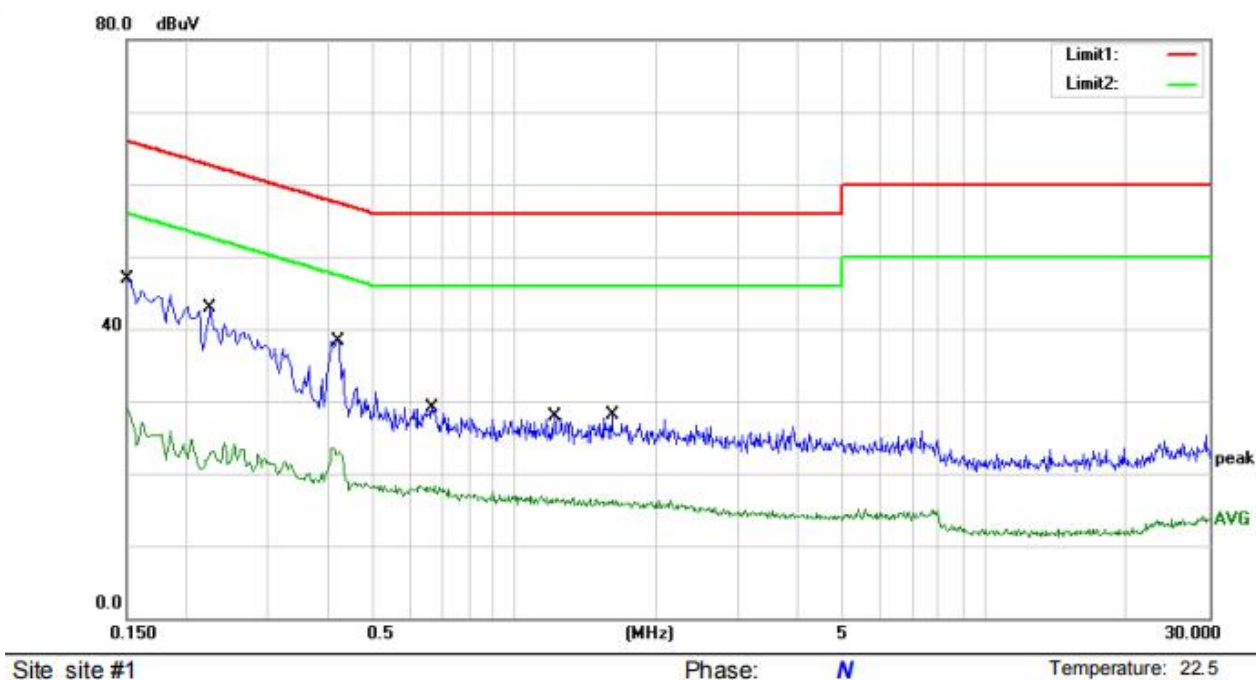
Mode: BT

Note:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	30.94	17.06	48.00	66.00	-18.00	QP	
2		0.1500	11.26	17.06	28.32	56.00	-27.68	AVG	
3		0.2260	25.34	17.05	42.39	62.60	-20.21	QP	
4		0.2260	7.23	17.05	24.28	52.60	-28.32	AVG	
5		0.4180	21.36	17.04	38.40	57.49	-19.09	QP	
6		0.4180	6.57	17.04	23.61	47.49	-23.88	AVG	
7		1.2460	10.02	17.05	27.07	56.00	-28.93	QP	
8		1.2460	-0.21	17.05	16.84	46.00	-29.16	AVG	
9		1.8420	10.05	17.10	27.15	56.00	-28.85	QP	
10		1.8420	-0.83	17.10	16.27	46.00	-29.73	AVG	
11		3.5260	8.41	17.00	25.41	56.00	-30.59	QP	
12		3.5260	-1.95	17.00	15.05	46.00	-30.95	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:





M/N: TAZ3300B

Mode: BT

Note:

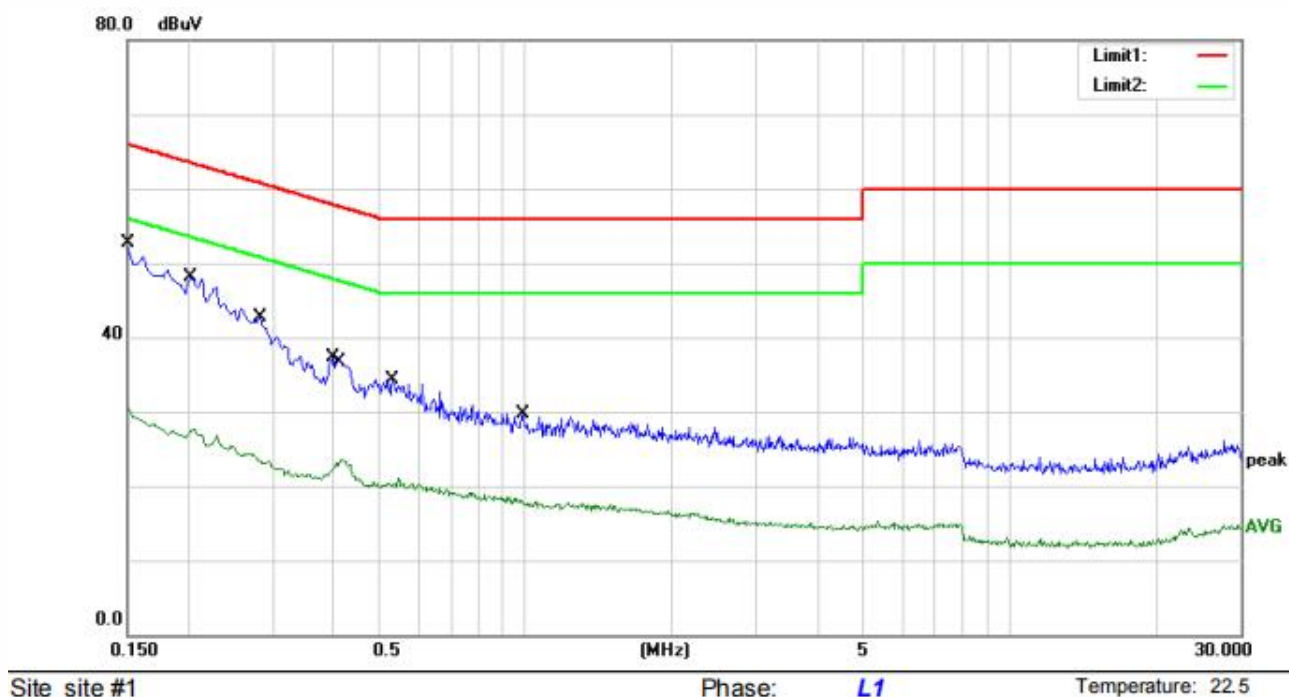
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	29.76	17.06	46.82	66.00	-19.18	QP	
2		0.1500	12.39	17.06	29.45	56.00	-26.55	AVG	
3		0.2260	25.86	17.05	42.91	62.60	-19.69	QP	
4		0.2260	7.35	17.05	24.40	52.60	-28.20	AVG	
5	*	0.4220	21.31	17.05	38.36	57.41	-19.05	QP	
6		0.4220	6.39	17.05	23.44	47.41	-23.97	AVG	
7		0.6700	11.97	17.03	29.00	56.00	-27.00	QP	
8		0.6700	1.33	17.03	18.36	46.00	-27.64	AVG	
9		1.2180	10.75	17.05	27.80	56.00	-28.20	QP	
10		1.2180	-0.19	17.05	16.86	46.00	-29.14	AVG	
11		1.6140	11.06	17.08	28.14	56.00	-27.86	QP	
12		1.6140	-0.51	17.08	16.57	46.00	-29.43	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

Remark:

1. Measurement (dBμV) = AMN Factor (dB) + Cable Loss (dB) + Reading (dBμV)

2. Over (dB) = Measurement (dBμV) - Limit (dBμV)



M/N: TAZ4300B

Mode: BT

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	35.63	17.06	52.69	66.00	-13.31	QP	
2		0.1500	13.84	17.06	30.90	56.00	-25.10	AVG	
3		0.2020	31.09	17.03	48.12	63.53	-15.41	QP	
4		0.2020	10.69	17.03	27.72	53.53	-25.81	AVG	
5		0.2820	25.63	17.10	42.73	60.76	-18.03	QP	
6		0.2820	6.75	17.10	23.85	50.76	-26.91	AVG	
7		0.3980	20.28	17.03	37.31	57.90	-20.59	QP	
8		0.4180	6.50	17.04	23.54	47.49	-23.95	AVG	
9		0.5300	17.31	17.09	34.40	56.00	-21.60	QP	
10		0.5300	4.00	17.09	21.09	46.00	-24.91	AVG	
11		0.9860	12.64	17.03	29.67	56.00	-26.33	QP	
12		0.9860	1.40	17.03	18.43	46.00	-27.57	AVG	

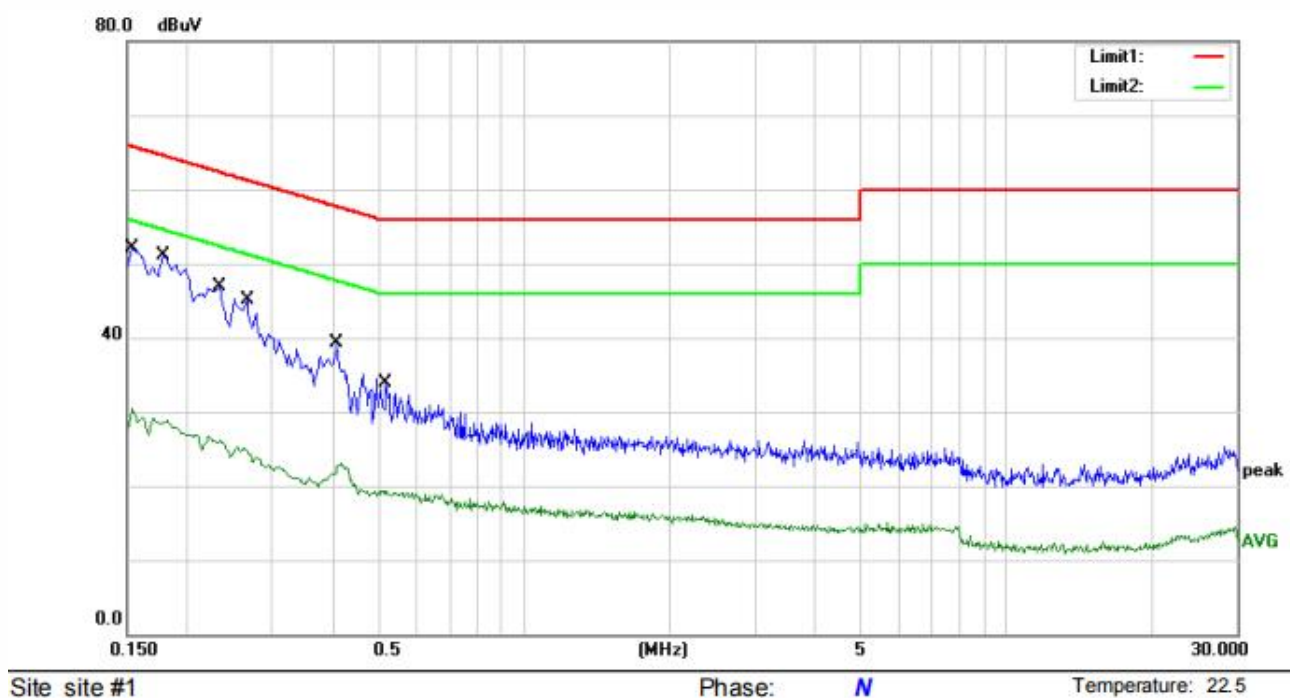
\*:Maximum data

x:Over limit

!:over margin

Comment: Factor build in receiver.

Operator:



M/N: TAZ4300B

Mode: BT

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1540	35.03	17.06	52.09	65.78	-13.69	QP	
2		0.1540	13.35	17.06	30.41	55.78	-25.37	AVG	
3	*	0.1780	34.03	17.04	51.07	64.58	-13.51	QP	
4		0.1780	11.88	17.04	28.92	54.58	-25.66	AVG	
5		0.2340	29.80	17.06	46.86	62.31	-15.45	QP	
6		0.2340	9.60	17.06	26.66	52.31	-25.65	AVG	
7		0.2660	28.00	17.08	45.08	61.24	-16.16	QP	
8		0.2660	8.06	17.08	25.14	51.24	-26.10	AVG	
9		0.4100	22.26	17.04	39.30	57.65	-18.35	QP	
10		0.4100	6.12	17.04	23.16	47.65	-24.49	AVG	
11		0.5180	16.85	17.10	33.95	56.00	-22.05	QP	
12		0.5180	2.23	17.10	19.33	46.00	-26.67	AVG	

\*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator:

Remark:

1. Measurement (dBμV) = AMN Factor (dB) + Cable Loss (dB) + Reading (dBμV)

2. Over (dB) = Measurement (dBμV) - Limit (dBμV)

## 9.9 ANTENNA APPLICATION

### 9.9.1 Antenna Requirement

Standard	Requirement
FCC CRF Part 15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part 15.247 (b)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.
RSS-247 Section 5.4	If the transmitter employs an antenna system that emits multiple directional beams, but does not emit multiple directional beams simultaneously, the total output power conducted to the array or arrays that comprise the device (i.e. the sum of the power supplied to all antennas, antenna elements, staves, etc., and summed across all carriers or frequency channels) shall not exceed the applicable output power limit. However, the total conducted output power shall be reduced by 1 dB below the specified limits for each 3 dB that the directional gain of the antenna/antenna array exceeds 6 dBi. The directional antenna gain shall be computed as the sum of 10 log (number of array elements or staves) plus the directional gain of the element or staff having the highest gain.

### 9.9.2 Result

PASS.

- Note:
- ☒ Antenna use a permanently attached antenna which is not replaceable.
  - ☐ Not using a standard antenna jack or electrical connector for antenna replacement
  - ☐ The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached document Internal Photos to show the antenna connector.



Detail of factor for radiated emission

Frequency(MHz)	Ant_F(dB)	Cab_L(dB)	Preamp(dB)	Correct Factor(dB)
0.009	20.6	0.03	\	20.63
0.15	20.7	0.1	\	20.8
1	20.9	0.15	\	21.05
10	20.1	0.28	\	20.38
30	18.8	0.45	\	19.25
30	11.7	0.62	27.9	-15.58
100	12.5	1.02	27.8	-14.28
300	12.9	1.91	27.5	-12.69
600	19.2	2.92	27	-4.88
800	21.1	3.54	26.6	-1.96
1000	22.3	4.17	26.2	0.27
1000	25.6	1.76	41.4	-14.04
3000	28.9	3.27	43.2	-11.03
5000	31.1	4.2	44.6	-9.3
8000	36.2	5.95	44.7	-2.55
10000	38.4	6.3	43.9	0.8
12000	38.5	7.14	42.3	3.34
15000	40.2	8.15	41.4	6.95
18000	45.4	9.02	41.3	13.12
18000	37.9	1.81	47.9	-8.19
21000	37.9	1.95	48.7	-8.85
25000	39.3	2.01	42.8	-1.49
28000	39.6	2.16	46.0	-4.24
31000	41.2	2.24	44.5	-1.06
34000	41.5	2.29	46.6	-2.81
37000	43.8	2.30	46.4	-0.3
40000	43.2	2.50	42.2	3.5

\*\*\* End of Report \*\*\*

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This report will be void without authorized signature or special seal for testing report.

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3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责；

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