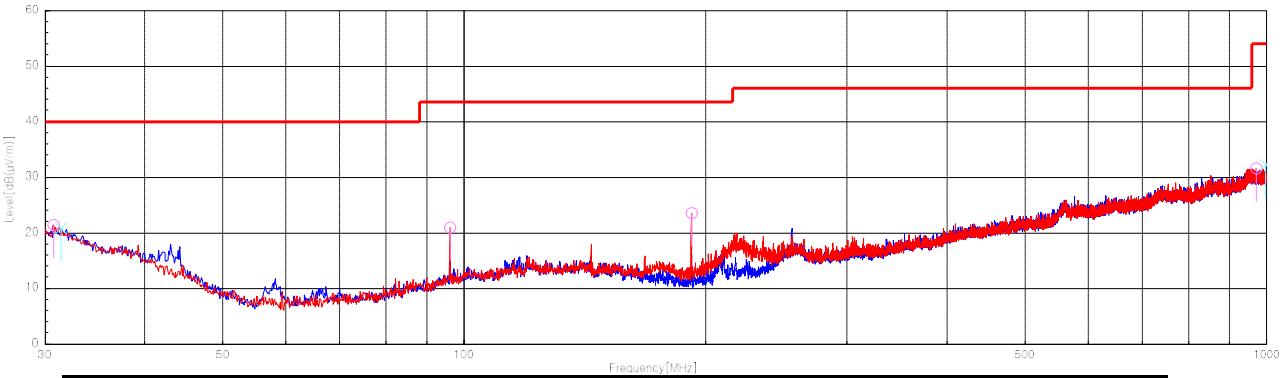
Test mode : ANT 1 - Transmission status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



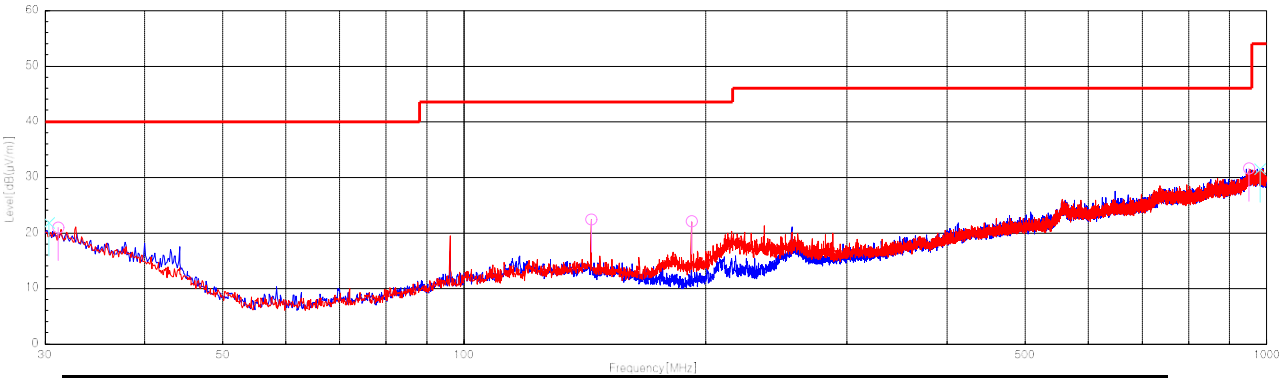
Frequency [MHz]	(P)	Reading PK [dB(uV)]	C.f [dB(1/m)]	Level PK [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
30.776	H	28.3	-7.0	21.3	40.0	18.7	300.0	105.8	
31.455	V	28.0	-7.3	20.7	40.0	19.3	200.0	0.8	
95.960	H	35.8	-15.0	20.8	43.5	22.7	200.0	322.6	
191.990	H	38.7	-15.2	23.5	43.5	20.0	100.1	348.9	
971.385	H	25.7	5.8	31.5	54.0	22.5	100.1	156.0	
998.739	V	26.7	5.5	32.2	54.0	21.8	300.1	228.1	

Remark :
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain
4. This data is the Peak(PK) value.

Test mode : ANT 1 - Receiving, status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



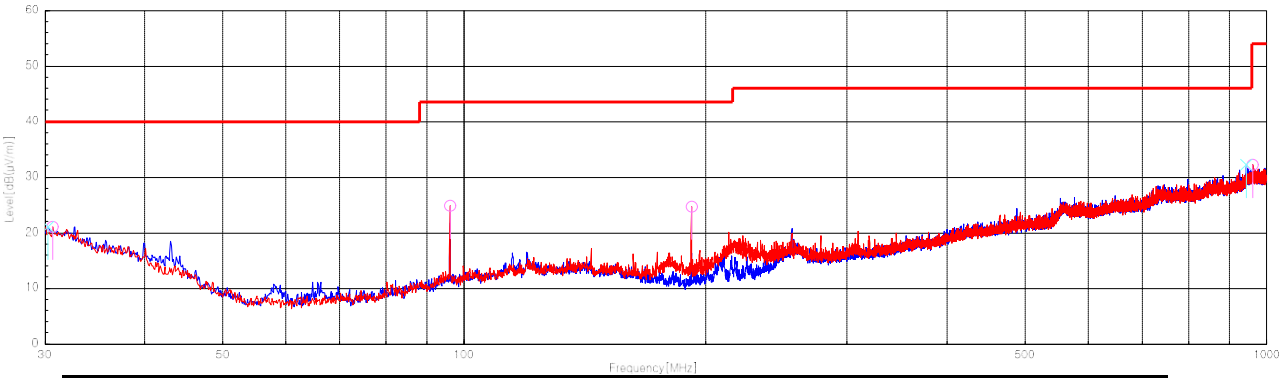
Frequency [MHz]	(P)	Reading PK [dB(uV)]	C.f [dB(1/m)]	Level PK [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
30.388	V	28.7	-6.9	21.8	40.0	18.2	100.0	349.5	
31.164	H	28.0	-7.2	20.8	40.0	19.2	100.0	47.1	
143.975	H	35.2	-12.8	22.4	43.5	21.1	200.0	295.2	
191.990	H	37.3	-15.2	22.1	43.5	21.4	100.0	0.3	
952.082	H	26.3	5.3	31.6	46.0	14.4	100.0	197.0	
981.764	V	25.6	5.8	31.4	54.0	22.6	200.0	254.5	

Remark :
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain
4. This data is the Peak(PK) value.

Test mode : ANT 1 - Transmission status Middle Frequency

The requirements are:
☒ Complies

Test Data :



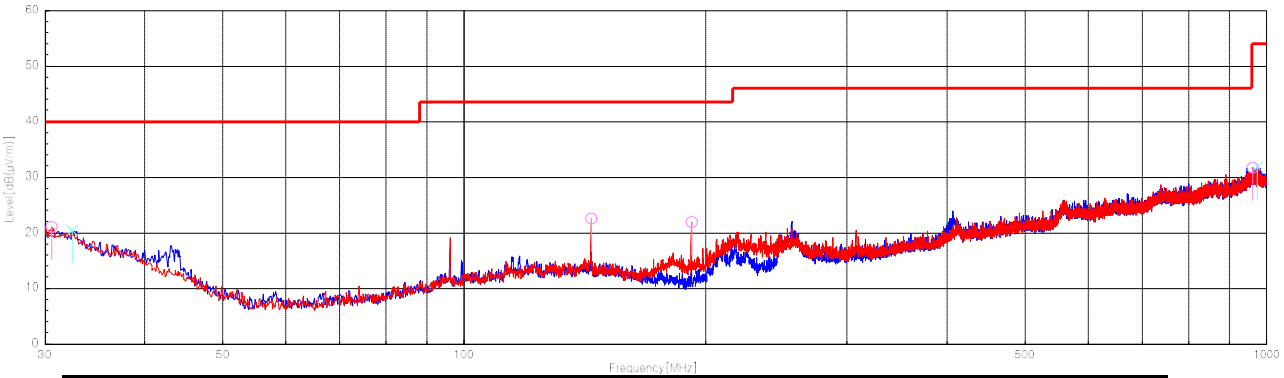
Frequency [MHz]	(P)	Reading PK [dB(uV)]	C.f [dB(1/m)]	Level PK [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
30.291	V	28.0	-6.9	21.1	40.0	18.9	400.0	105.4	
30.679	H	28.0	-7.0	21.0	40.0	19.0	300.0	250.5	
95.960	H	39.9	-15.0	24.9	43.5	18.6	200.0	313.6	
191.990	H	39.9	-15.2	24.7	43.5	18.8	100.0	359.9	
944.128	V	27.3	4.9	32.2	46.0	13.8	400.0	0.4	
962.267	H	26.5	5.7	32.2	54.0	21.8	200.0	13.3	

Remark :
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain
4. This data is the Peak(PK) value.

Test mode : ANT 1 - Receiving, status Middle Frequency

The requirements are:
☒ Complies

Test Data :



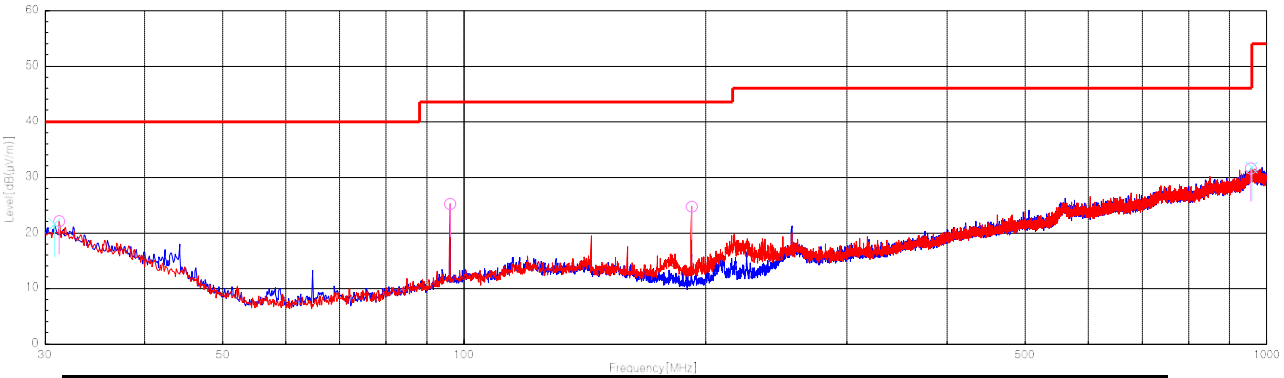
Frequency [MHz]	(P)	Reading PK [dB(uV)]	C.f [dB(1/m)]	Level PK [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
30.582	H	28.1	-7.0	21.1	40.0	18.9	100.0	0.7	
32.425	V	28.2	-7.8	20.4	40.0	19.6	200.0	54.4	
143.975	H	35.3	-12.8	22.5	43.5	21.0	200.0	288.5	
191.990	H	37.0	-15.2	21.8	43.5	21.7	100.0	5.3	
961.103	H	26.1	5.7	31.8	54.0	22.2	100.0	99.1	
975.362	V	26.0	5.9	31.9	54.0	22.1	100.0	355.8	

Remark :
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain
4. This data is the Peak(PK) value.

Test mode : ANT 1 - Transmission status Highest Frequency

The requirements are:
☒ Complies

Test Data :



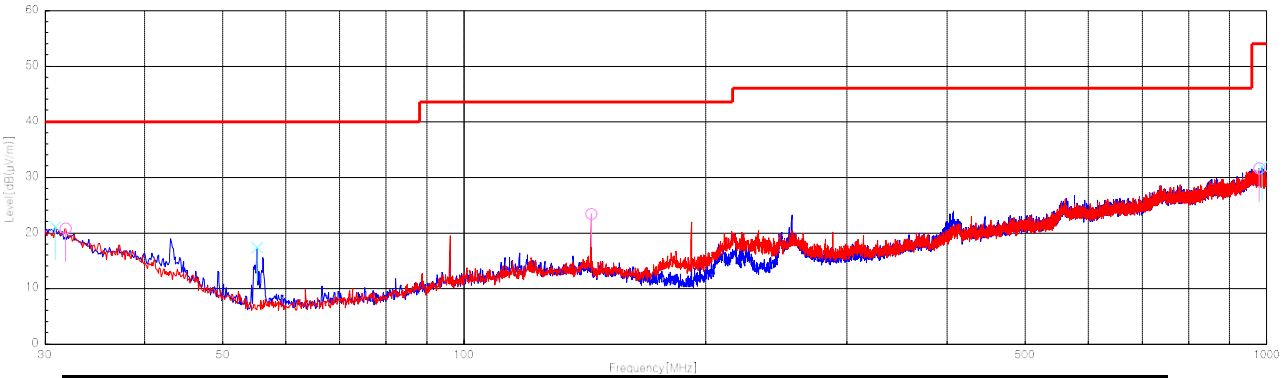
Frequency [MHz]	(P)	Reading PK [dB(uV)]	C.f [dB(1/m)]	Level PK [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
30.873	V	28.7	-7.1	21.6	40.0	18.4	99.9	90.0	
31.261	H	29.3	-7.2	22.1	40.0	17.9	99.9	353.0	
95.960	H	40.2	-15.0	25.2	43.5	18.3	200.0	310.6	
191.990	H	39.8	-15.2	24.6	43.5	18.9	99.9	334.4	
956.932	H	26.1	5.5	31.6	46.0	14.4	200.0	232.8	
958.387	V	26.2	5.5	31.7	46.0	14.3	400.1	1.0	

Remark :
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain
4. This data is the Peak(PK) value.

Test mode : ANT 1 - Receiving, status Highest Frequency

The requirements are:
☒ Complies

Test Data :



Frequency [MHz]	(P)	Reading PK [dB(uV)]	C.f [dB(1/m)]	Level PK [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]	Remark
30.970	V	28.1	-7.1	21.0	40.0	19.0	200.0	0.9	
31.843	H	28.2	-7.5	20.7	40.0	19.3	200.0	281.9	
55.123	V	36.5	-19.1	17.4	40.0	22.6	100.0	359.8	
143.975	H	36.1	-12.8	23.3	43.5	20.2	200.0	278.2	
978.951	H	25.7	5.8	31.5	54.0	22.5	200.0	359.0	
987.196	V	26.2	5.7	31.9	54.0	22.1	100.0	133.6	

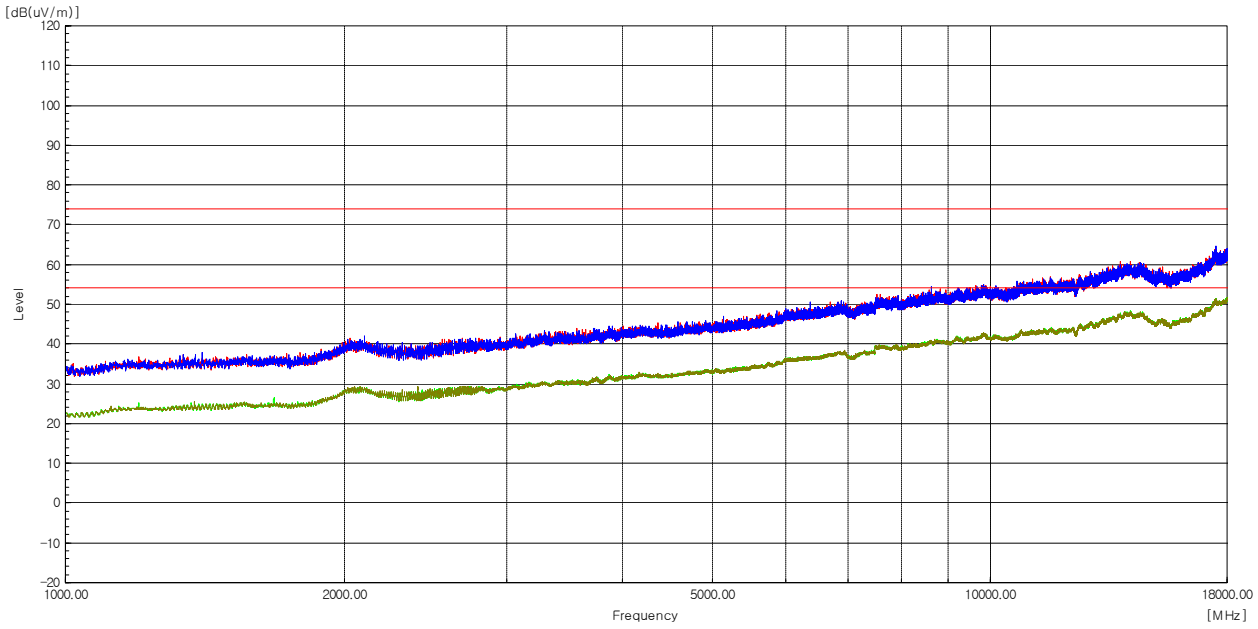
Remark :
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain
4. This data is the Peak(PK) value.

3) 1 GHz to 18 GHz

Test mode : ANT 0 - Transmission status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



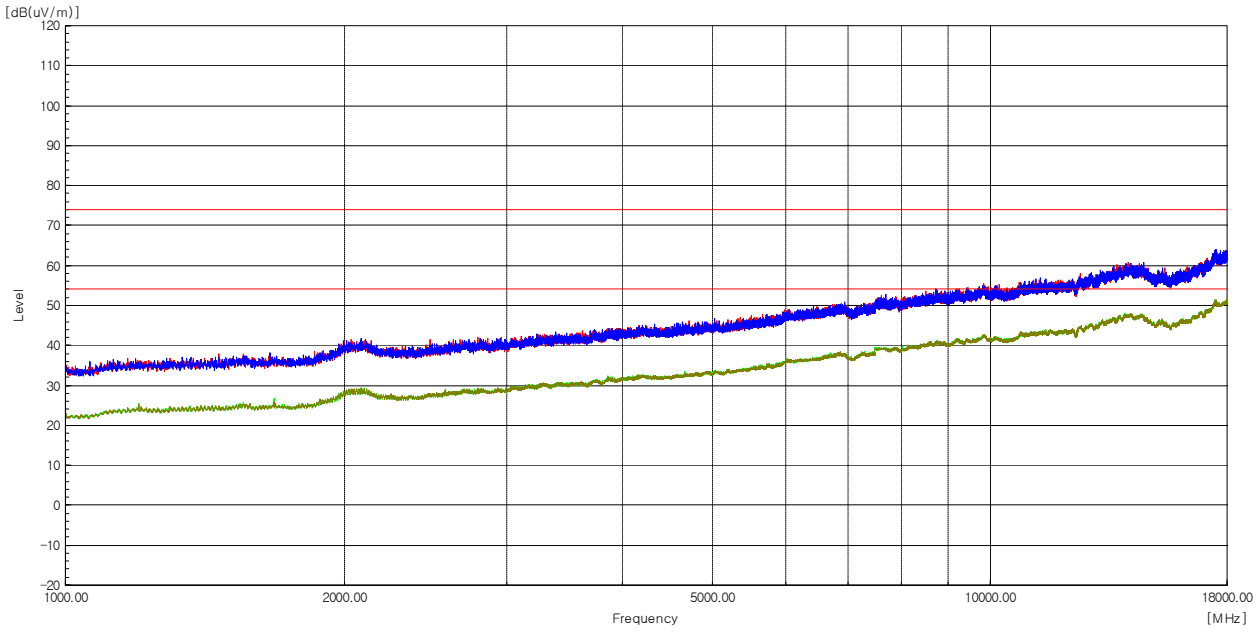
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

Test mode : ANT 0 - Receiving, status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



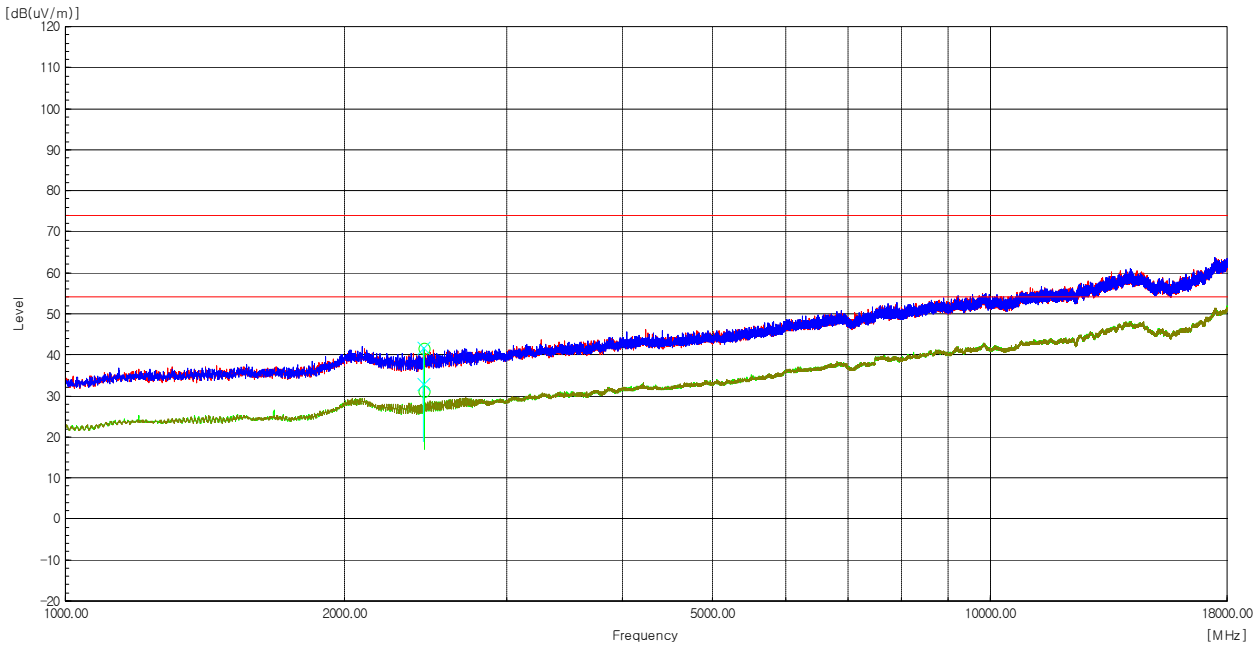
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

Test mode : ANT 0 - Transmission status Middle Frequency

The requirements are:
☒ Complies

Test Data :



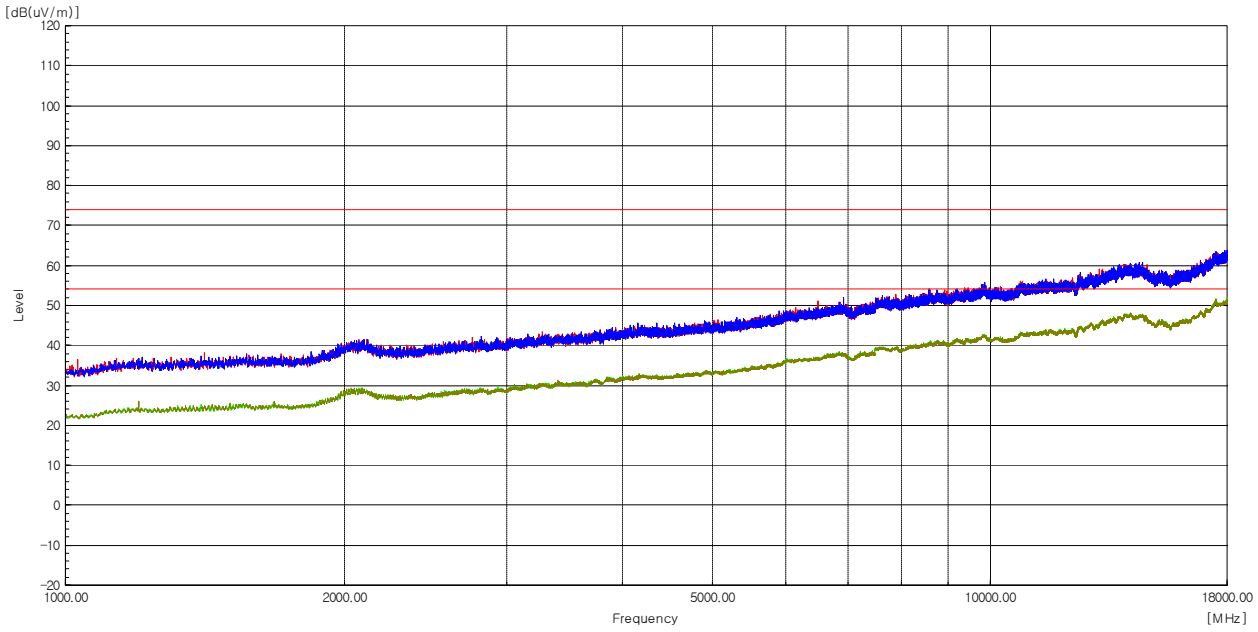
Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 440.978	H	47.0	-----	-5.6	41.4	-----	74.0	-----	32.6	-----
2 440.978	H	-----	38.6	-5.6	-----	31.9	-----	54.0	-----	23.0
2 438.938	V	47.4	-----	-5.7	41.7	-----	74.0	-----	32.3	-----
2 438.938	V	-----	32.8	-5.7	-----	32.8	-----	54.0	-----	21.2

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz
5. The marker is Fundamental Frequency.

Test mode : ANT 0 - Receiving, status Middle Frequency

The requirements are:
☒ Complies

Test Data :



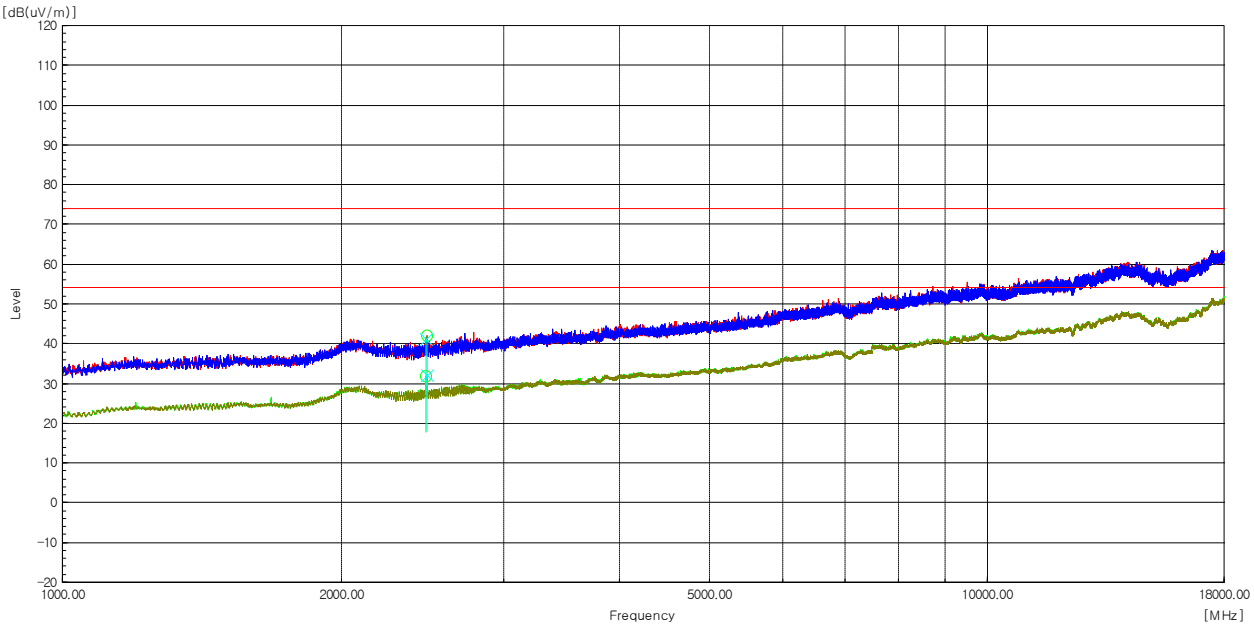
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

Test mode : ANT 0 - Transmission status Highest Frequency

The requirements are:
☒ Complies

Test Data :



Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 475.659	H	47.4	-----	-5.4	42.0	-----	74.0	-----	32.0	-----
2 472.939	H	-----	37.3	-5.4	-----	31.9	-----	54.0	-----	22.1
2 473.619	V	46.6	-----	-5.4	41.2	-----	74.0	-----	32.8	-----
2 474.979	V	-----	37.4	-5.4	-----	32.0	-----	54.0	-----	22.0

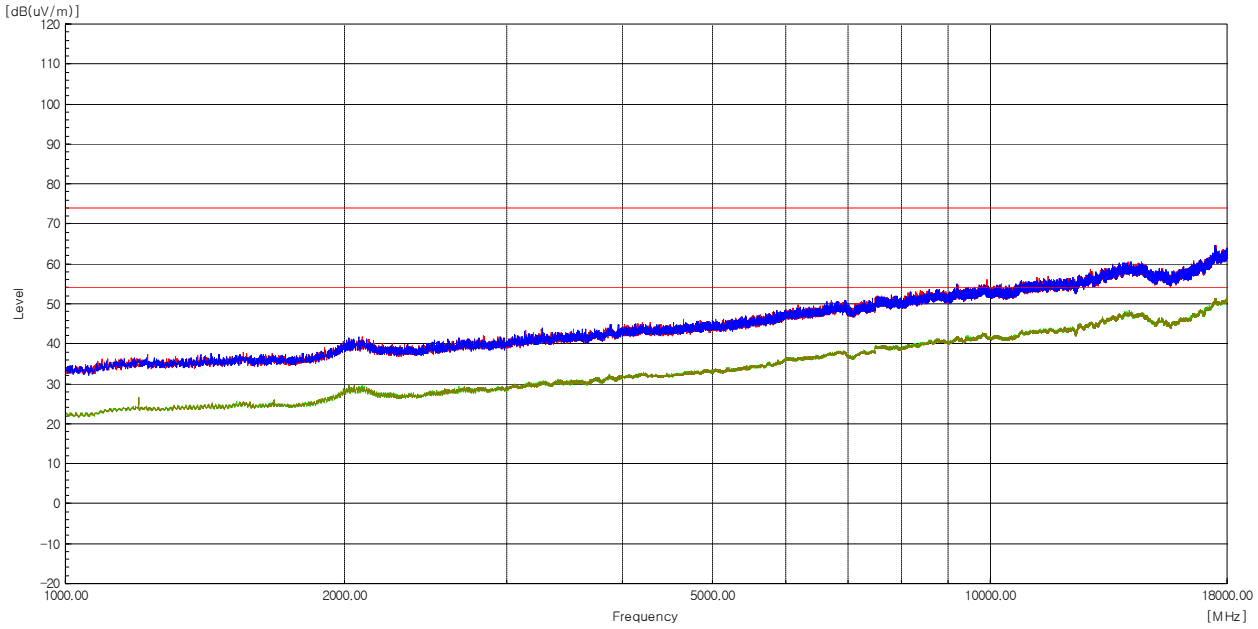
Remarks

1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz
5. The Marker is Fundamental Frequency.

Test mode : ANT 0 - Receiving, status Highest Frequency

The requirements are:
☒ Complies

Test Data :



Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

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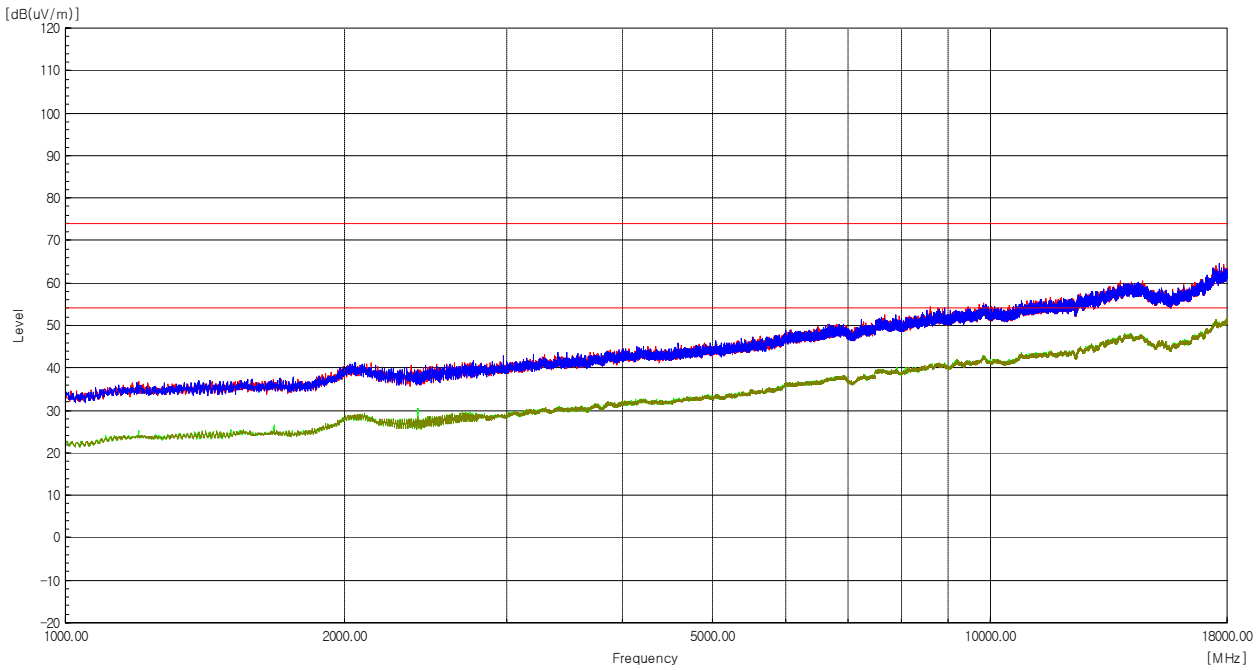
Tel: +82-31-339-9970
Fax: +82-31-624-9501

Test mode : ANT 1 - Transmission status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



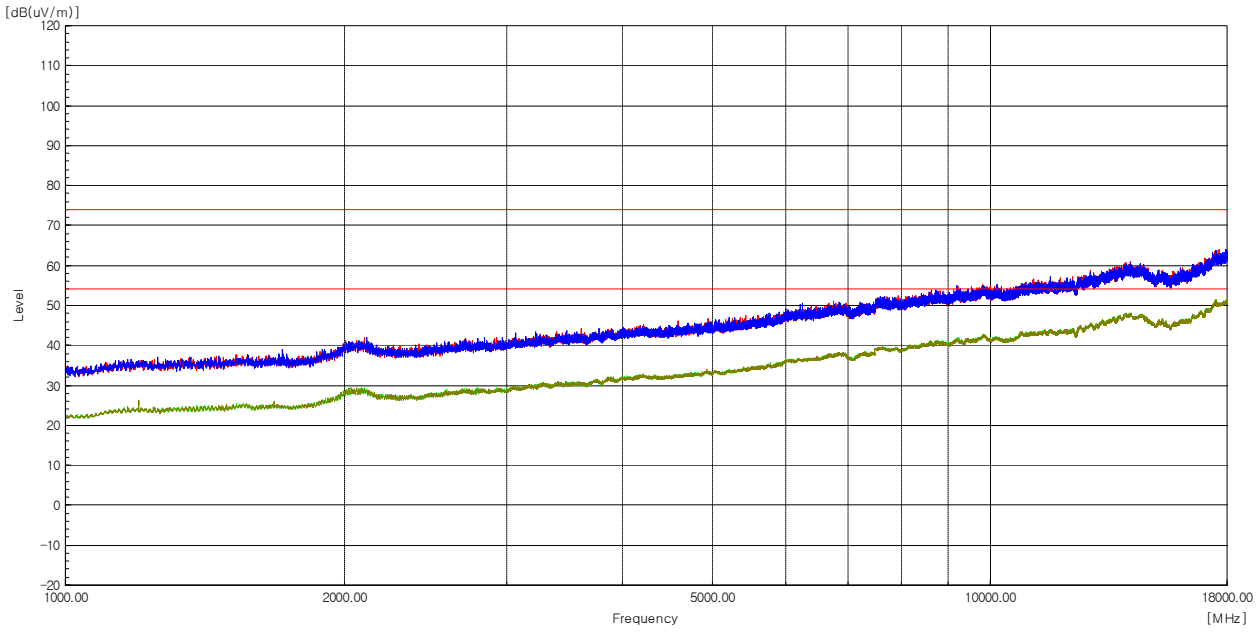
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

Test mode : ANT 1 - Receiving, status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



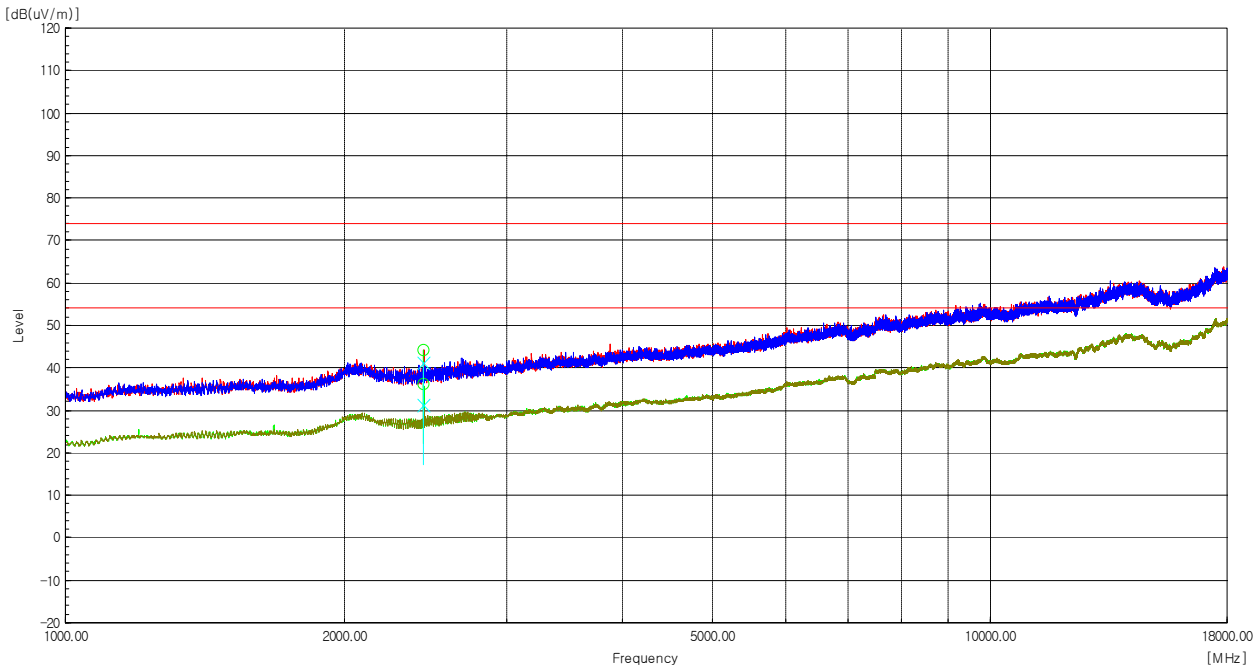
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

Test mode : ANT 1 - Transmission status Middle Frequency

The requirements are:
☒ Complies

Test Data :



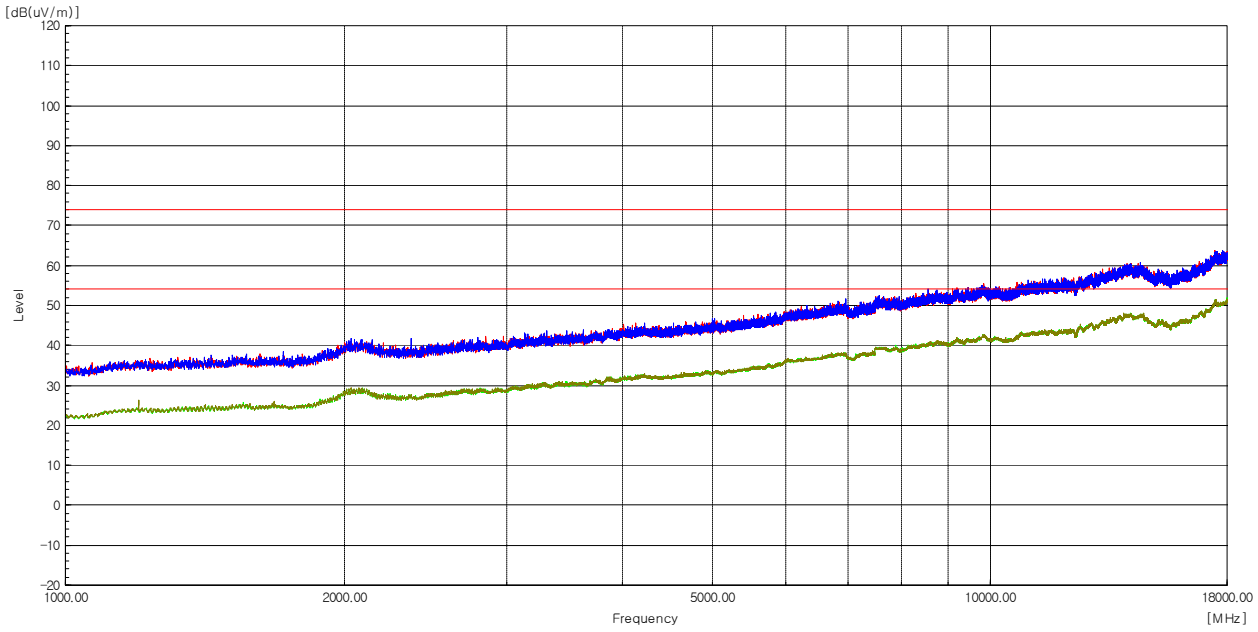
Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 439.617	H	49.8	-----	-5.7	44.1	-----	74.0	-----	29.9	-----
2 438.938	H	-----	41.9	-5.7	-----	36.2	-----	54.0	-----	17.8
2 438.938	V	47.0	-----	-5.7	41.3	-----	74.0	-----	32.7	-----
2 438.938	V	-----	36.8	-5.7	-----	31.1	-----	54.0	-----	22.9

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz
5. The Marker is Fundamental Frequency.

Test mode : ANT 1 - Receiving, status Middle Frequency

The requirements are:
☒ Complies

Test Data :



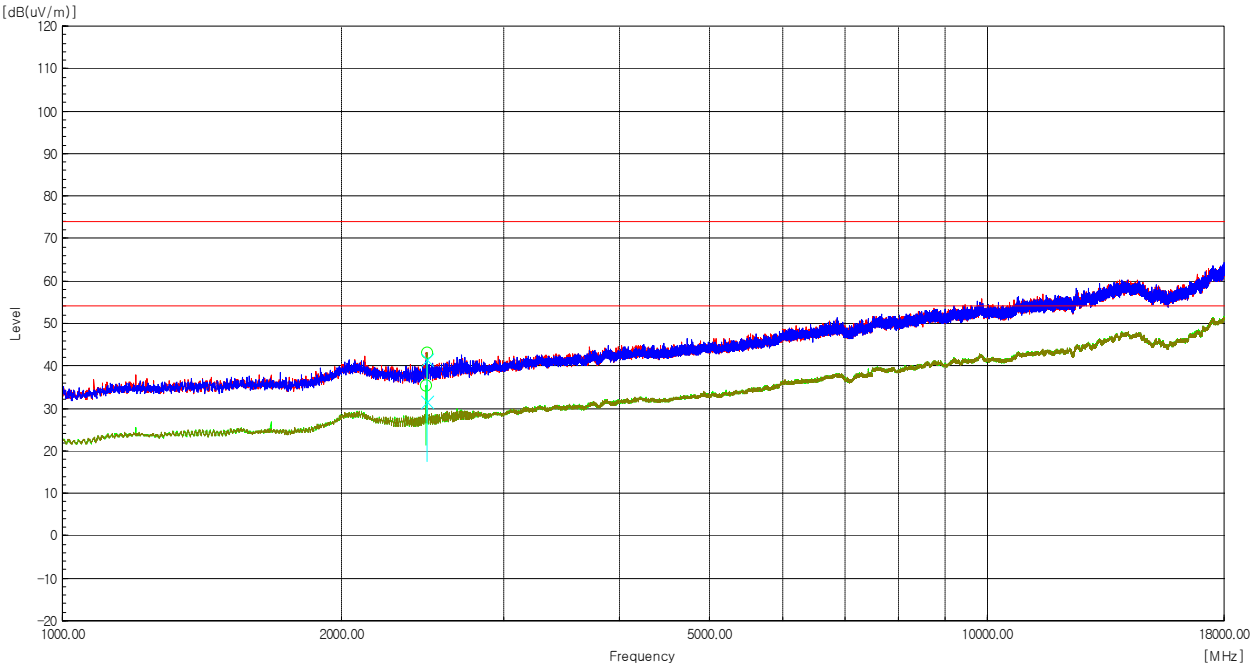
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

Test mode : ANT 1 - Transmission status Highest Frequency

The requirements are:
☒ Complies

Test Data :



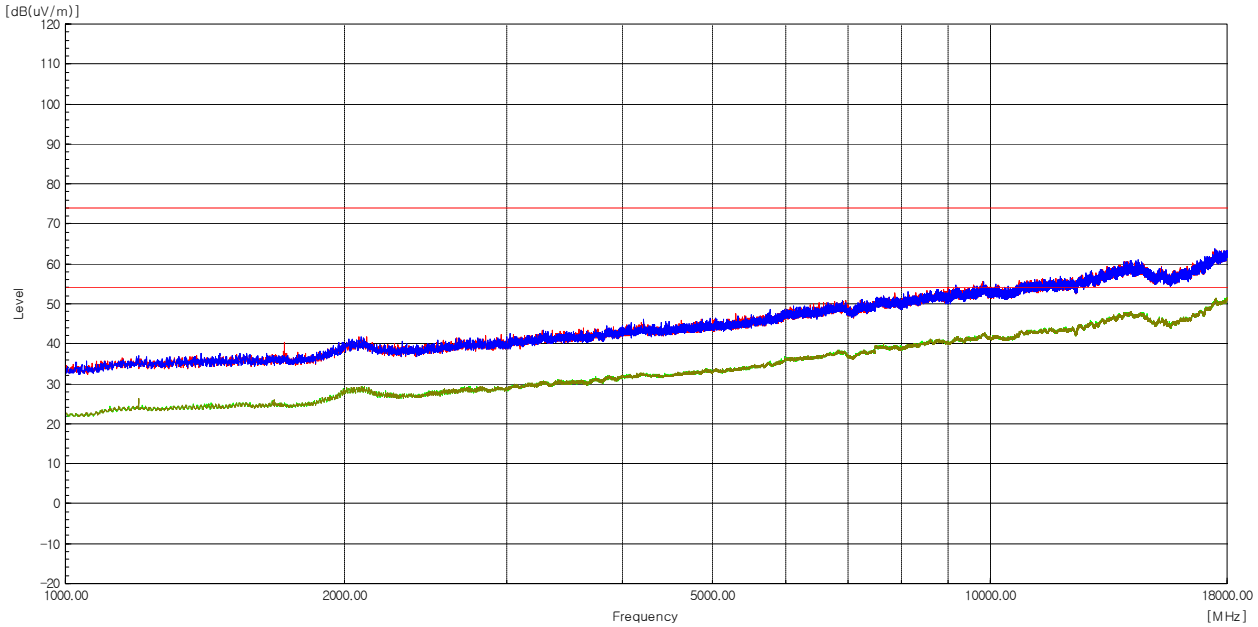
Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 474.979	H	48.5	-----	-5.4	43.1	-----	74.0	-----	30.9	-----
2 472.939	H	-----	40.8	-5.4	-----	35.4	-----	54.0	-----	18.6
2 474.979	V	46.9	-----	-5.4	41.5	-----	74.0	-----	32.5	-----
2 474.979	V	-----	36.8	-5.4	-----	31.4	-----	54.0	-----	22.6

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz
5. The Marker is Fundamental Frequency.

Test mode : ANT 1 - Receiving, status Highest Frequency

The requirements are:
☒ Complies

Test Data :



Result : No peak found

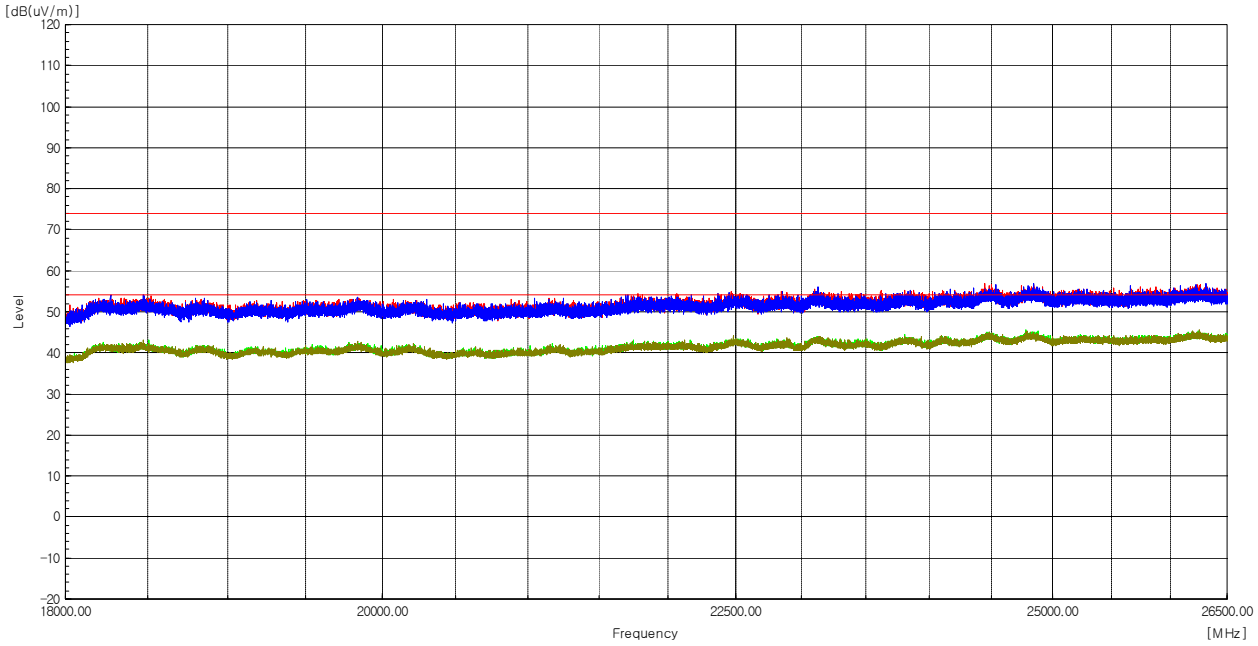
Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain
4. Band reject filter was used from 1 GHz to 18 GHz

4) 18 GHz to 26.5 GHz

Test mode : ANT 0 - Transmission status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



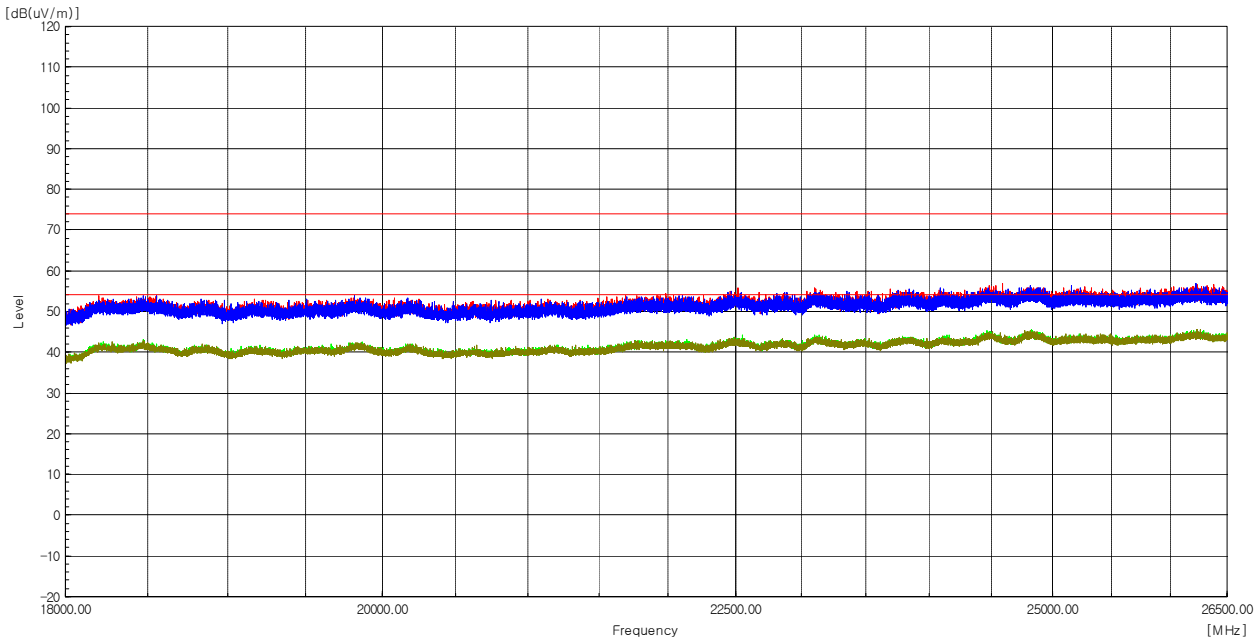
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 0 - Receiving, status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



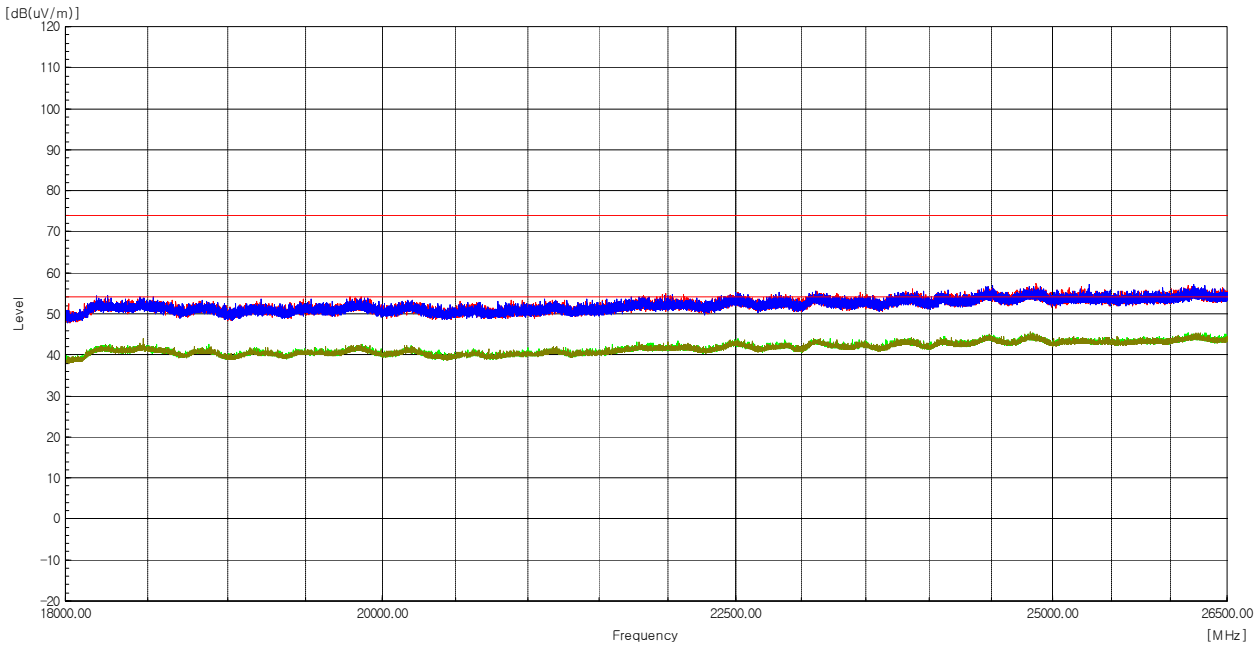
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 0 - Transmission status Middle Frequency

The requirements are:
☒ Complies

Test Data :



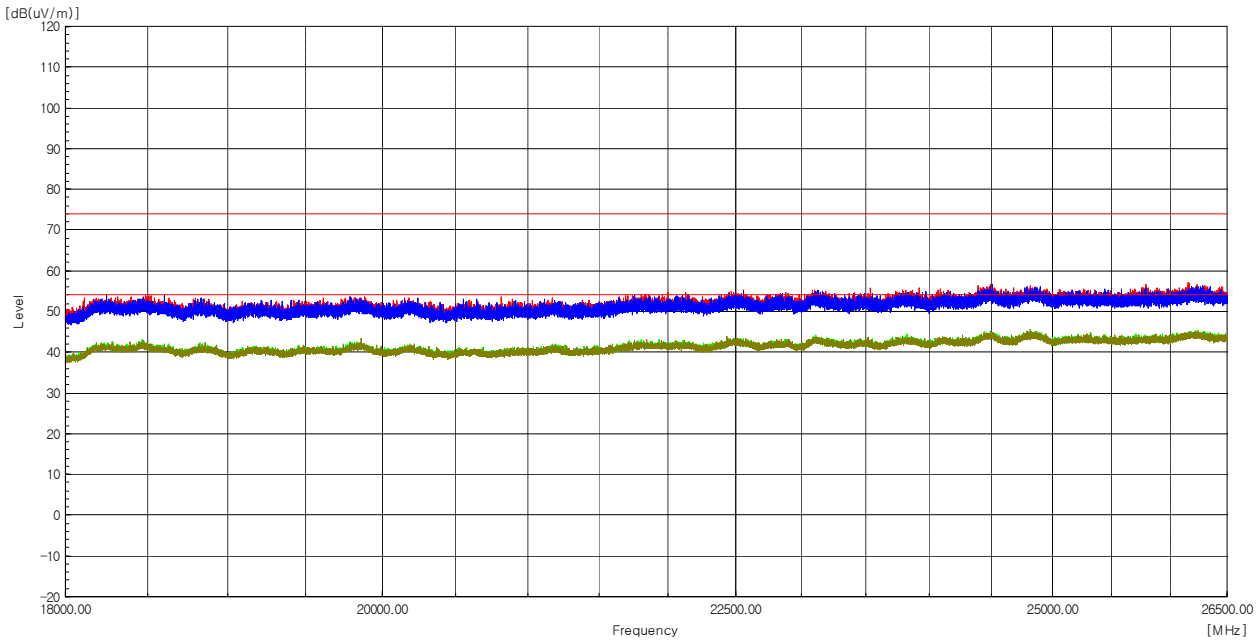
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 0 - Receiving, status Middle Frequency

The requirements are:
☒ Complies

Test Data :



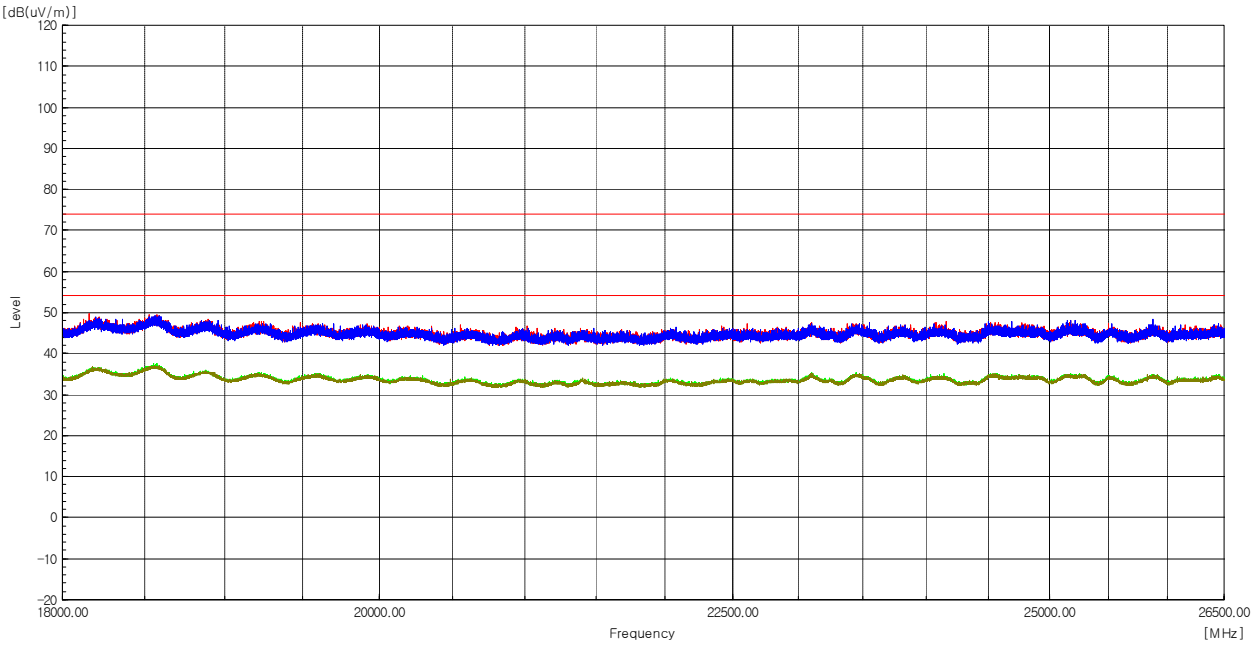
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 0 - Transmission status Highest Frequency

The requirements are:
☒ Complies

Test Data :



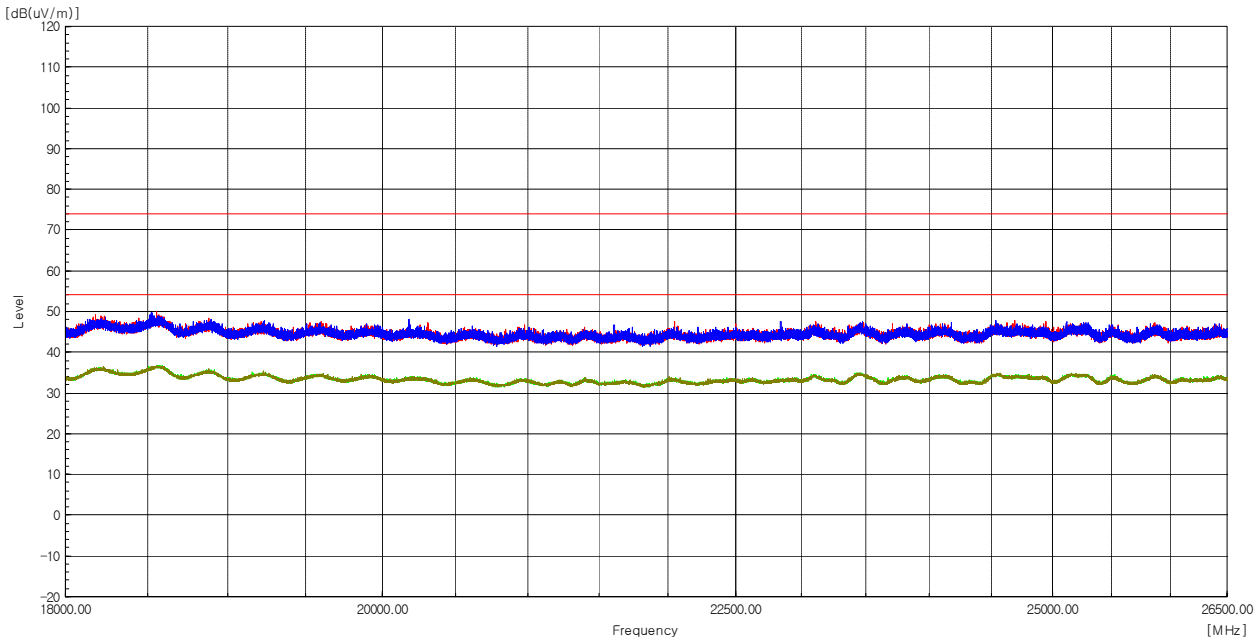
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 0 - Receiving, status Highest Frequency

The requirements are:
☒ Complies

Test Data :



Result : No peak found

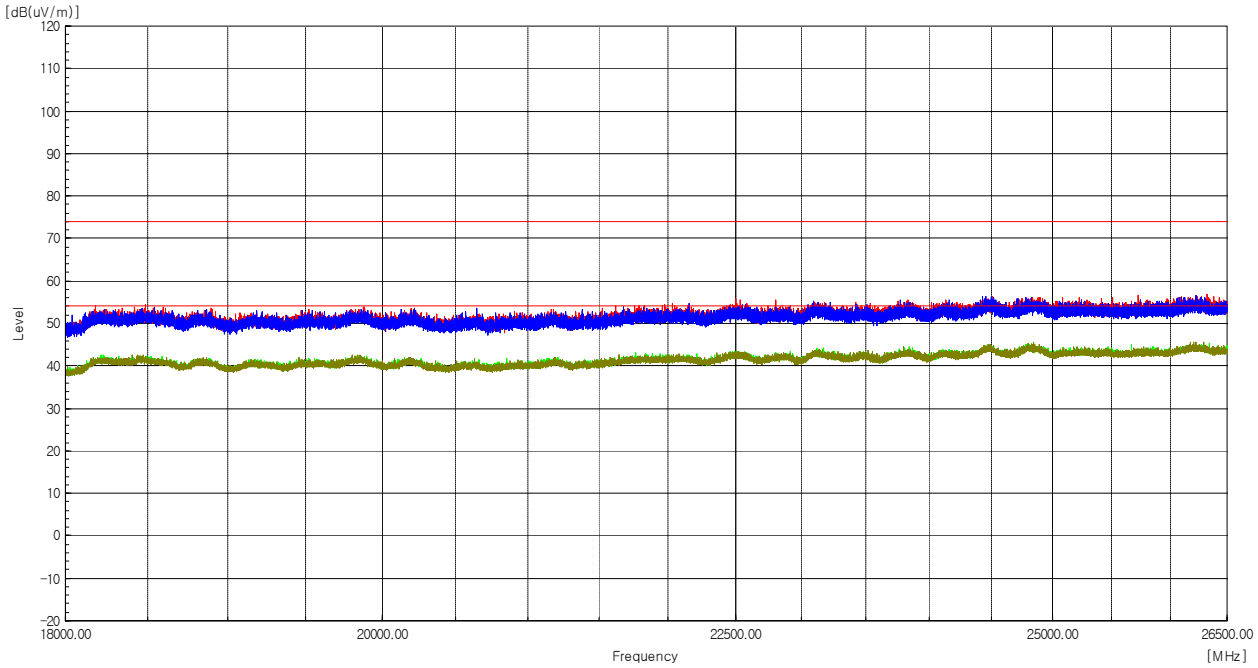
Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

CTK Co., Ltd.
(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

Test mode : ANT 1 - Transmission status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



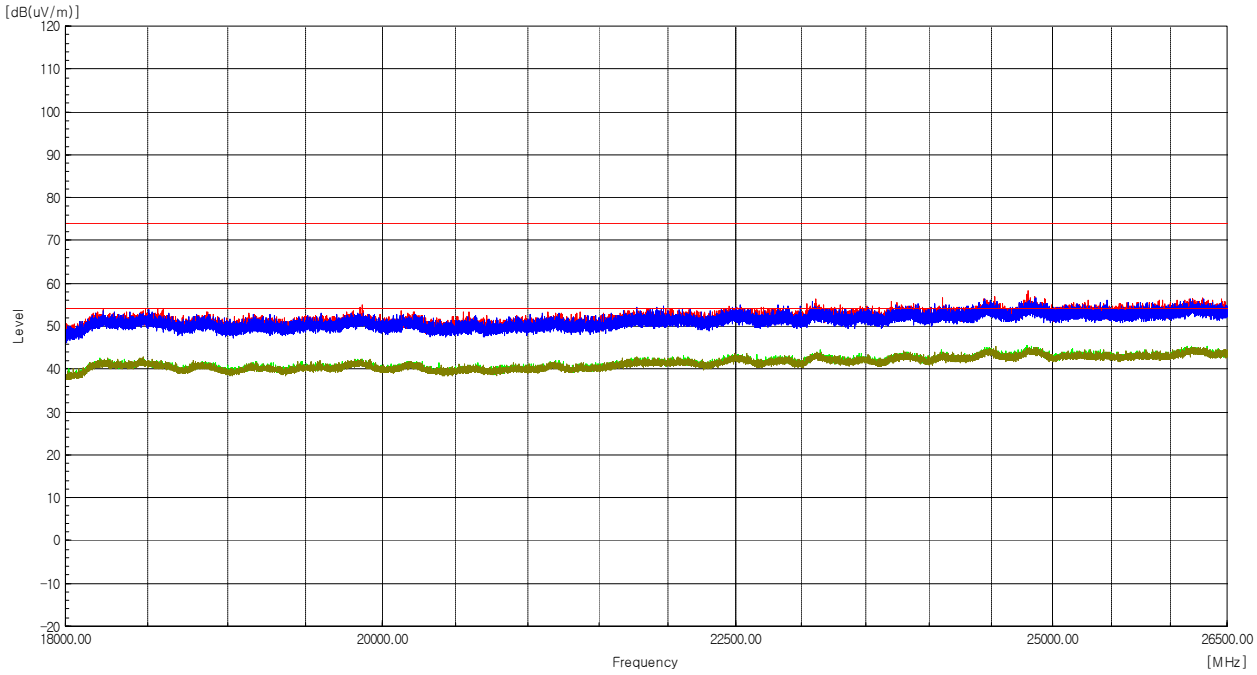
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 1 - Receiving, status Lowest Frequency

The requirements are:
☒ Complies

Test Data :



Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

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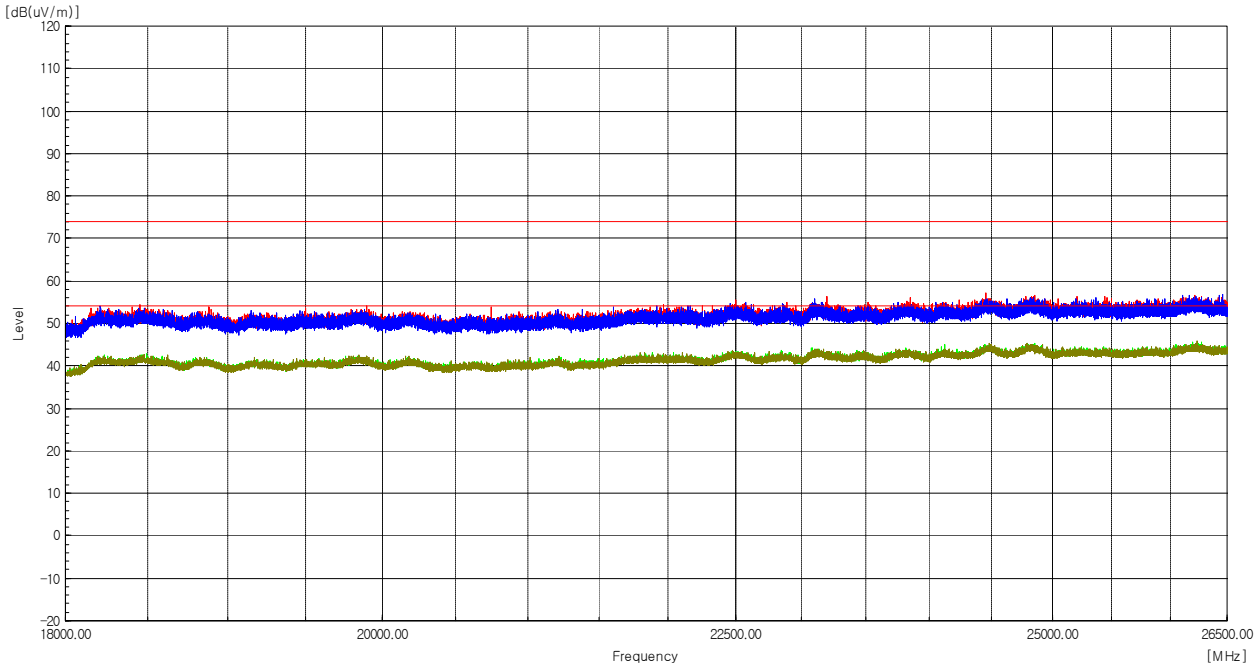
(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

Test mode : ANT 1 - Transmission status Middle Frequency

The requirements are:
☒ Complies

Test Data :



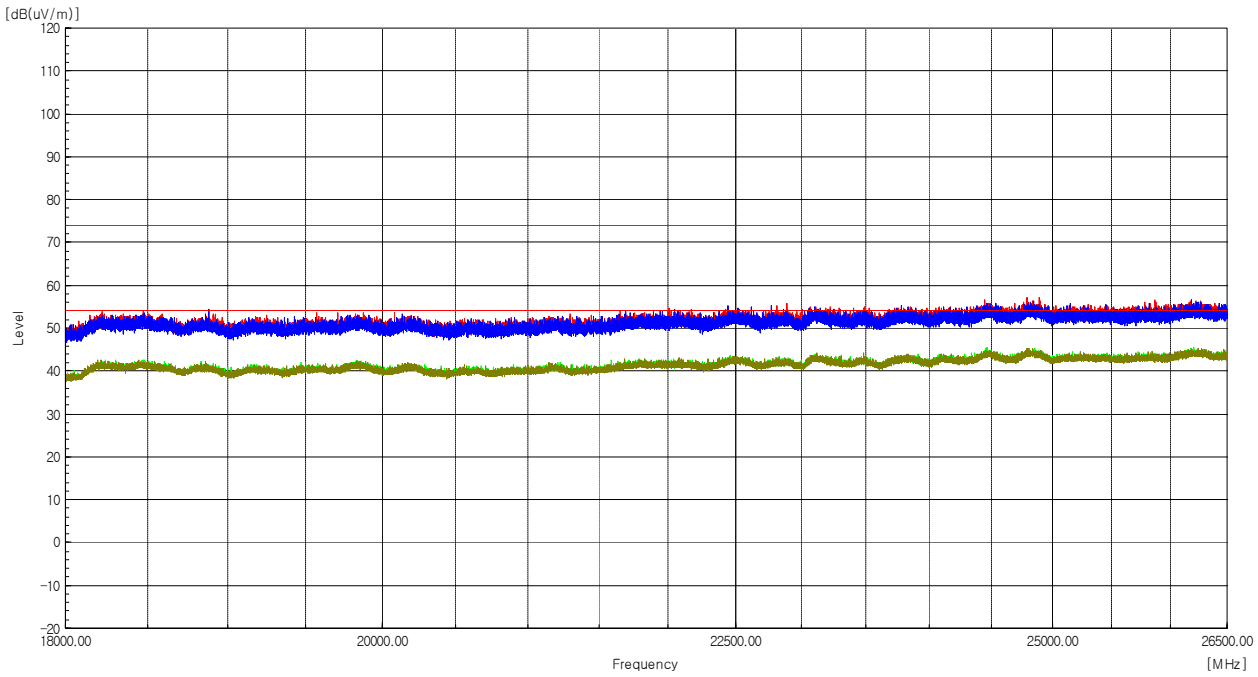
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 1 - Receiving, status Middle Frequency

The requirements are:
☒ Complies

Test Data :



Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

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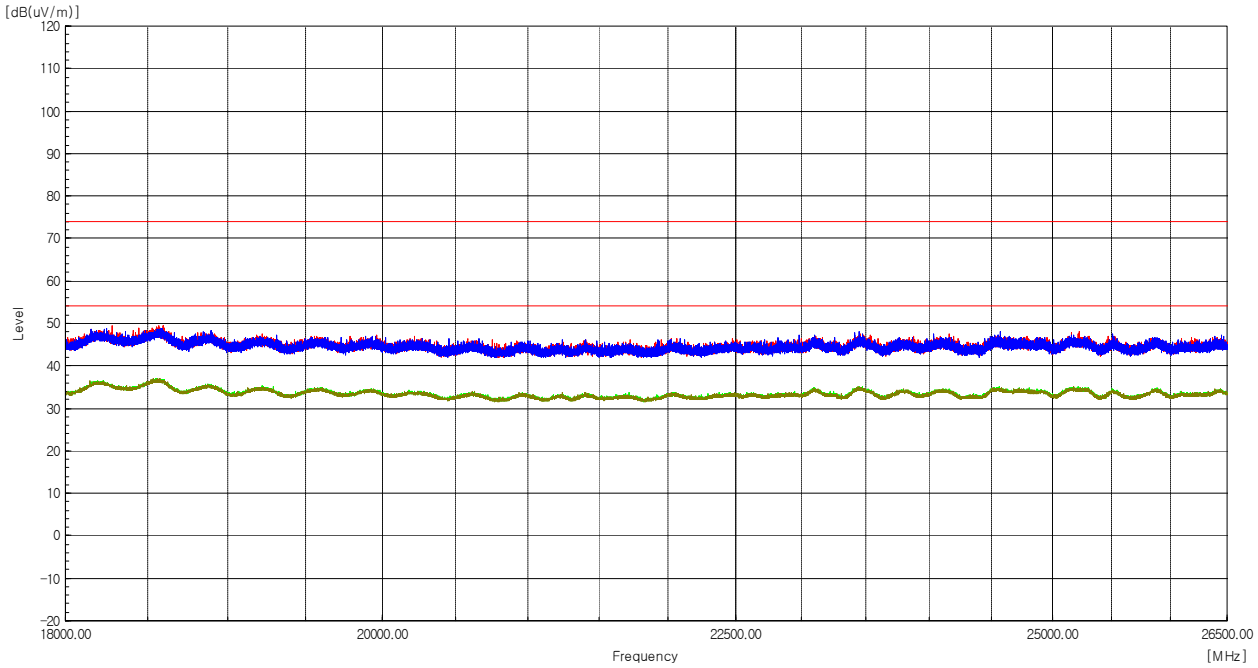
Tel: +82-31-339-9970
Fax: +82-31-624-9501

Test mode : ANT 1 - Transmission status Highest Frequency

The requirements are:
☒ Complies

Test Data :



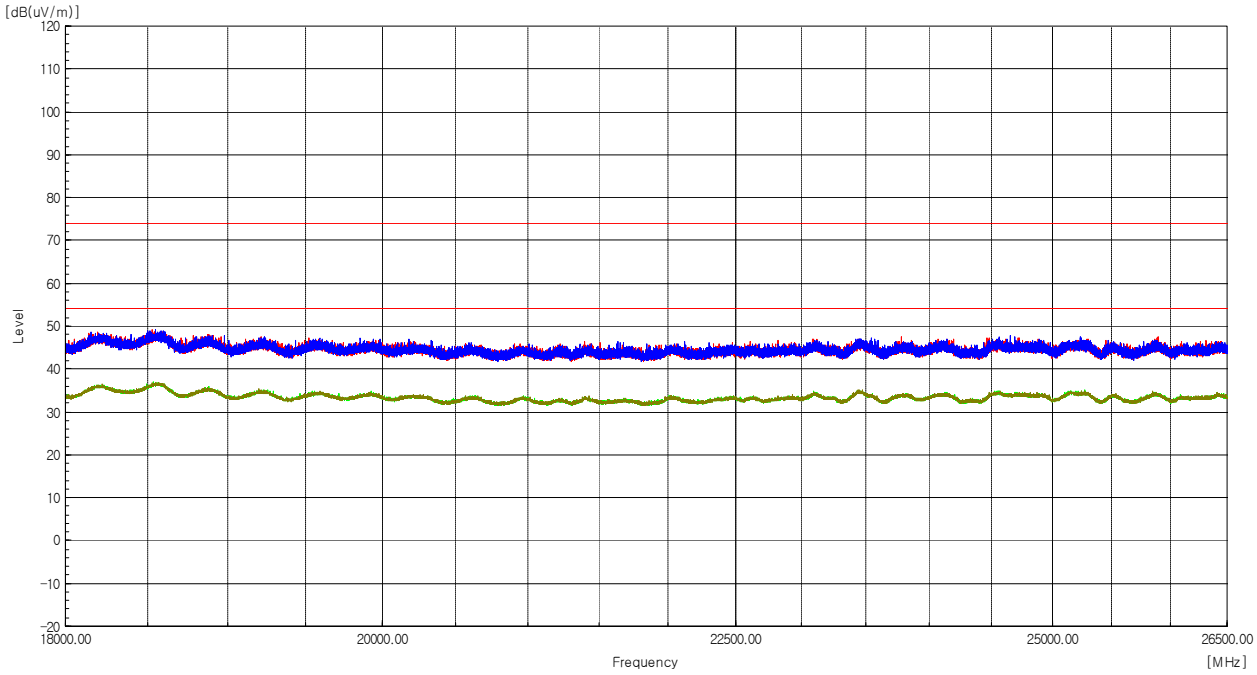
Result : No peak found

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 1 - Receiving, status Highest Frequency

The requirements are:
☒ Complies

Test Data :



Result : No peak found

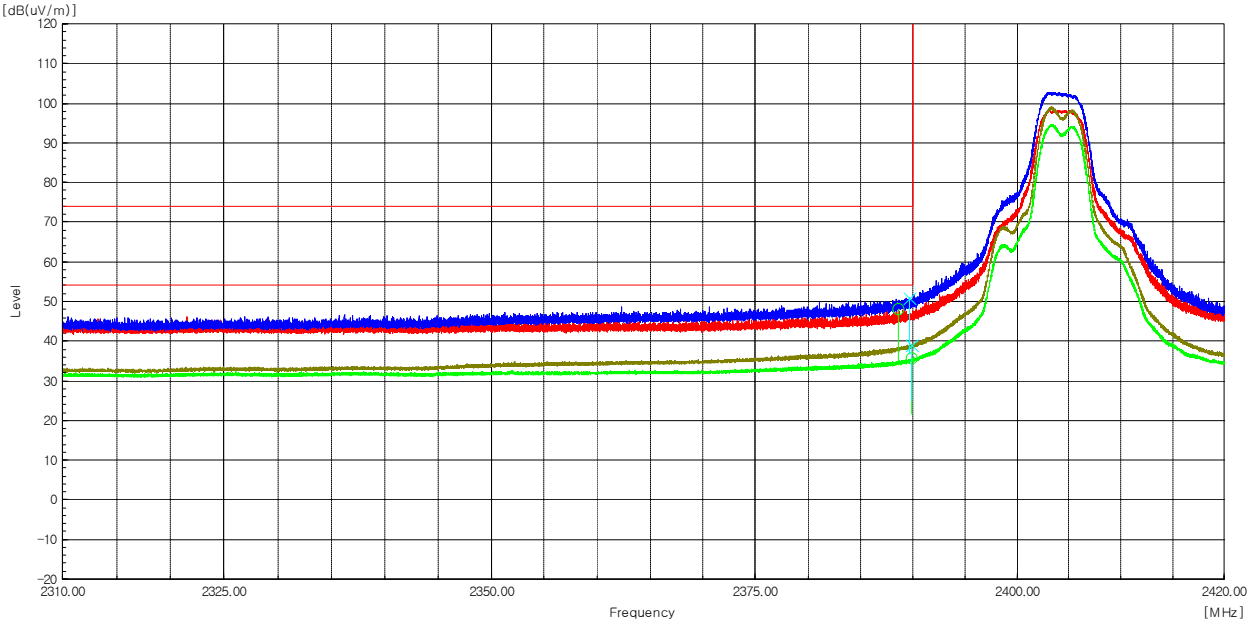
Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

5) Restricted Frequency Bands

Test mode : ANT 0 - Transmission status Lowest Frequency
(Test frequency range : 2 310 MHz – 2 390 MHz)

The requirements are:
☒ Complies

Test Data :



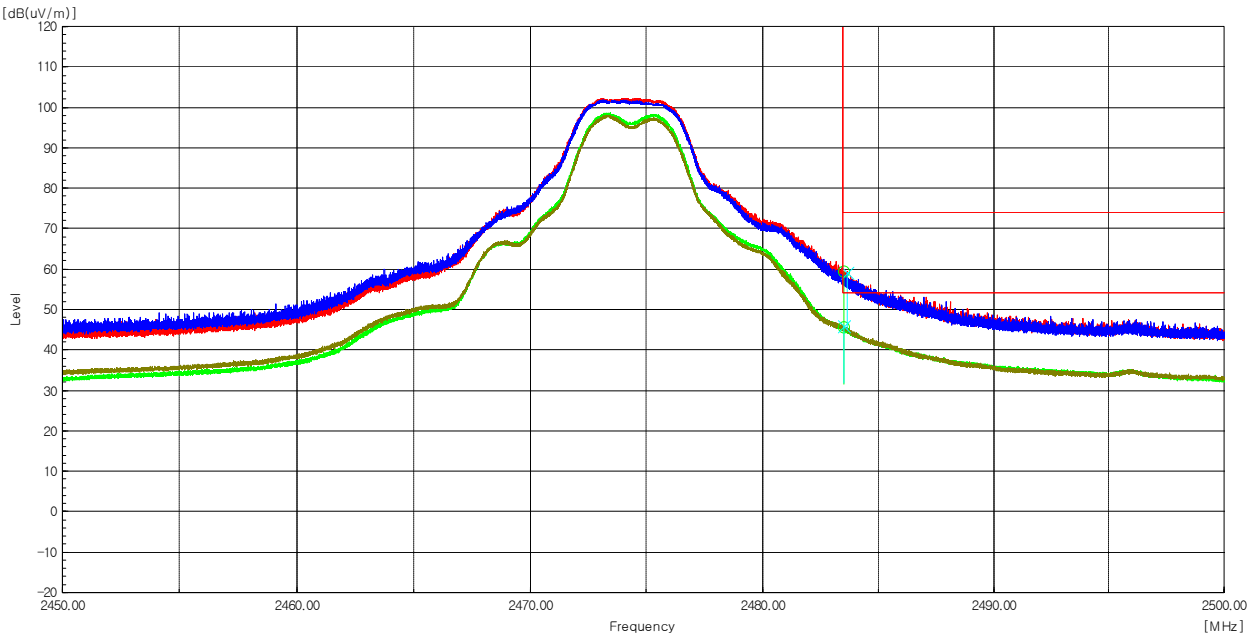
Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 388.614	H	53.9	-----	-5.8	48.1	-----	74.0	-----	25.9	-----
2 389.934	H	-----	41.4	-5.8	-----	35.6	-----	54.0	-----	18.4
2 389.656	V	56.8	-----	-5.8	51.0	-----	74.0	-----	23.0	-----
2 389.912	V	-----	44.8	-5.8	-----	39.0	-----	54.0	-----	15.0

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 0 - Transmission status Highest Frequency
(Test frequency range : 2 483.5 MHz – 2 500 MHz)

The requirements are:
☒ Complies

Test Data :



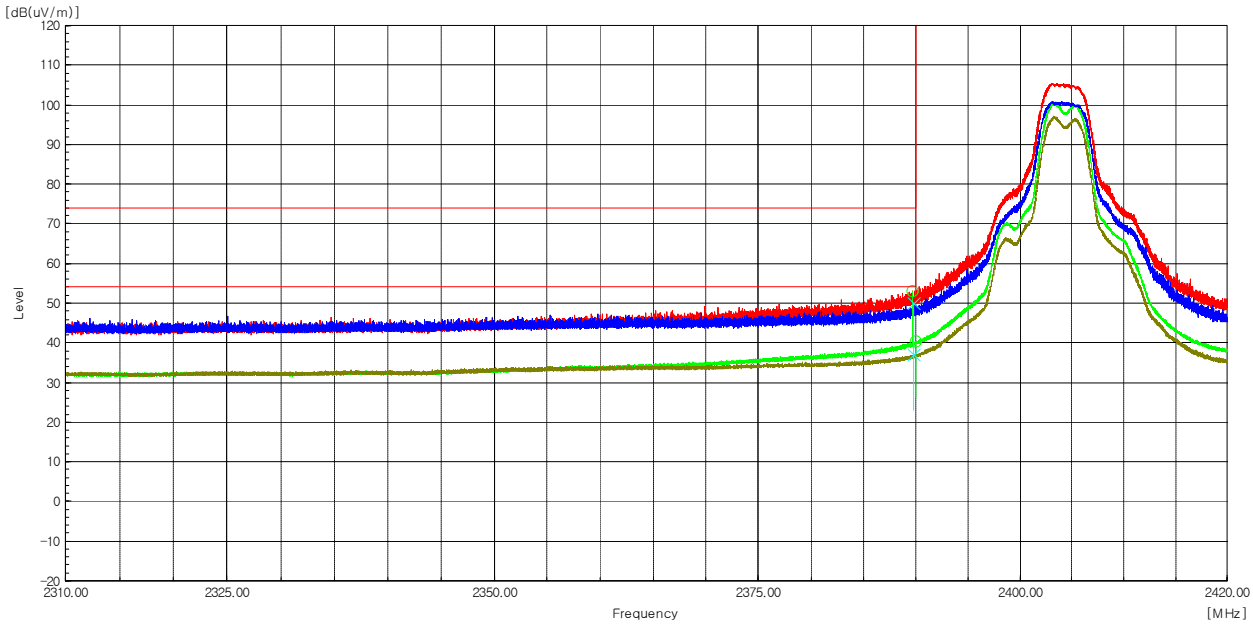
Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 483.503	H	64.7	-----	-5.3	59.4	-----	74.0	-----	14.6	-----
2 483.501	H	-----	50.8	-5.3	-----	45.5	-----	54.0	-----	8.5
2 483.649	V	64.3	-----	-5.3	59.0	-----	74.0	-----	15.0	-----
2 483.517	V	-----	51.2	-5.3	-----	45.9	-----	54.0	-----	8.1

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 1 - Transmission status Lowest Frequency
(Test frequency range : 2 310 MHz – 2 390 MHz)

The requirements are:
☒ Complies

Test Data :



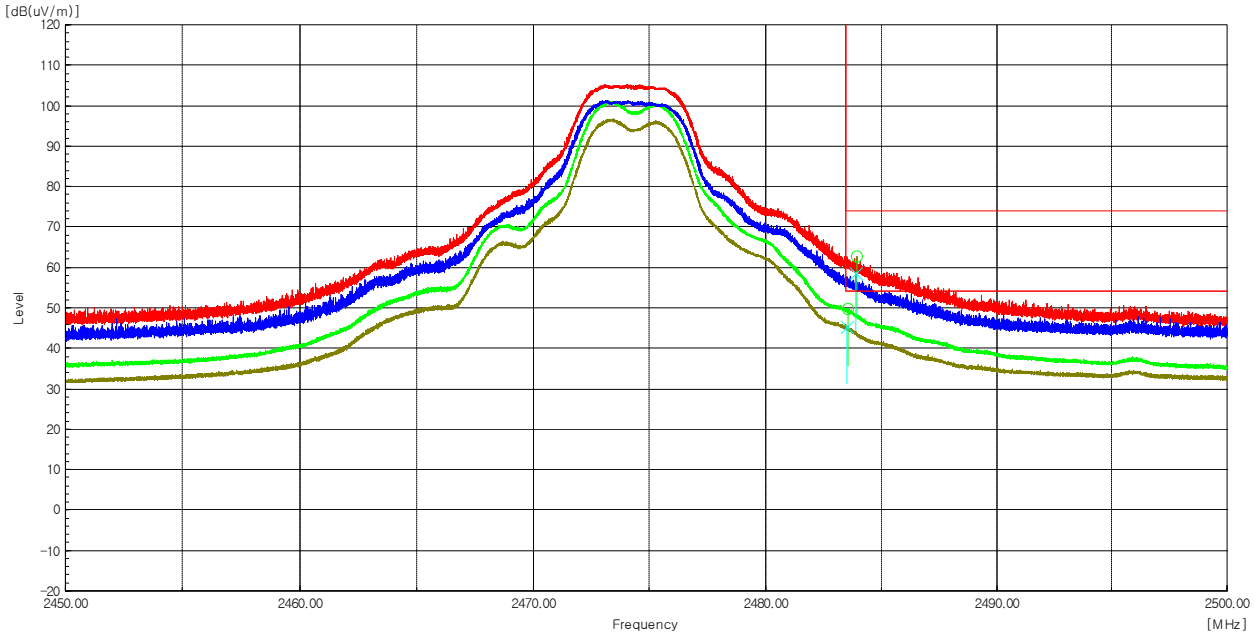
Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 389.678	H	58.7	-----	-5.8	52.9	-----	74.0	-----	21.1	-----
2 389.982	H	-----	46.1	-5.8	-----	40.3	-----	54.0	-----	13.7
2 389.819	V	55.7	-----	-5.8	49.9	-----	74.0	-----	24.1	-----
2 389.841	V	-----	42.9	-5.8	-----	37.1	-----	54.0	-----	16.9

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

Test mode : ANT 1 - Transmission status Highest Frequency
(Test frequency range : 2 483.5 MHz – 2 500 MHz)

The requirements are:
☒ Complies

Test Data :



Frequency [MHz]	(P)	Reading PK [dBuV]	Reading AV [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]
2 483.953	H	68.1	-----	-5.3	62.8	-----	74.0	-----	11.2	-----
2 483.555	H	-----	55.0	-5.3	-----	49.7	-----	54.0	-----	4.3
2 483.913	V	63.8	-----	-5.3	58.5	-----	74.0	-----	15.5	-----
2 483.517	V	-----	50.6	-5.3	-----	45.3	-----	54.0	-----	8.7

Remarks
1. Measuring position : The Unwanted emission was measured in the following position: EUT stand-up position(Y axis), lie-down position(X,Z axis). The worst emission was found in stand-up position(Y axis) and the worst case was recorded.
2. Result = Reading + c.f(correction factor)
3. Correction factor = Antenna factor + Cable loss - Amp Gain

4.6 AC Conducted Emissions

A radio apparatus that is designed to be connected to the public utility (AC) power line shall ensure that the radio frequency voltage, which is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz-30 MHz, shall not exceed the limits.

Frequency Range of Measurement
150 kHz to 30 MHz

Instrument Settings
IF Band Width: 9 kHz

Test Procedures

ANSI C63.10-2013 - Section 6.2.2
RSS-Gen - Section 8.8

The EUT was placed on a non-metallic table 0.8m above the metallic, grounded floor and 0.4m from the reference ground plane wall. The distance to other metallic surfaces was at least 0.8m.
Amplitude measurements were performed with a quasi-peak detector and an average detector.

Limit
- 15.207(a)

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average**
0.15 ~ 0.5	66 to 56*	56 to 46*
0.5 ~ 5	56	46
5 ~ 30	60	50

* The level decreases linearly with the logarithm of the frequency.
** A linear average detector is required.

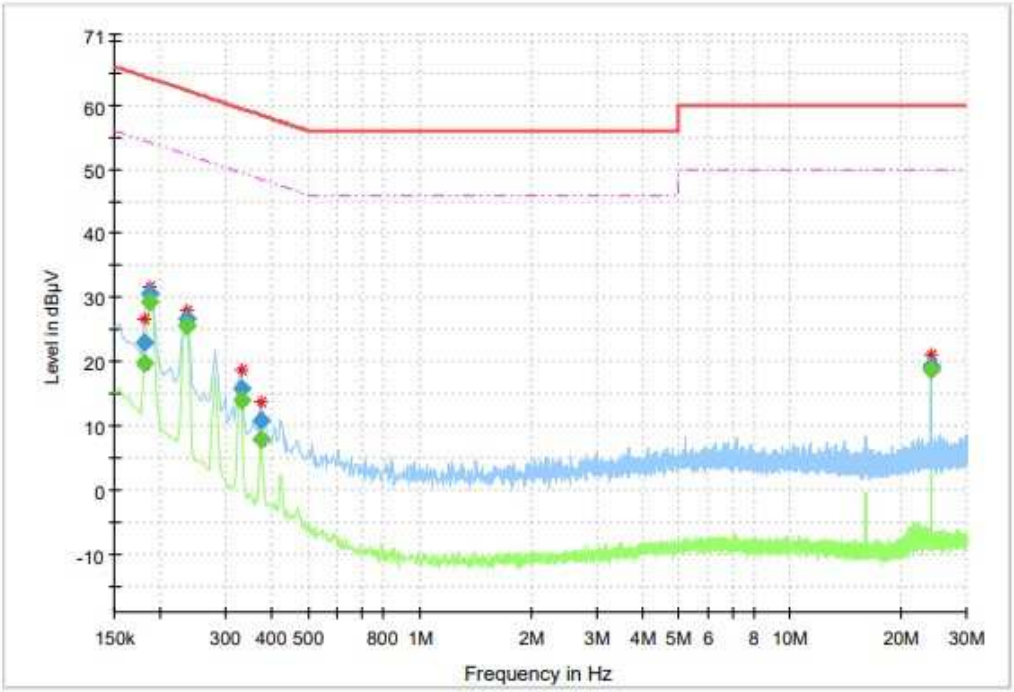
Test Results

The requirements are:
☒ Complies

Test Data :

Test mode : ANT 0 - Transmission status (worst case)

[LINE]

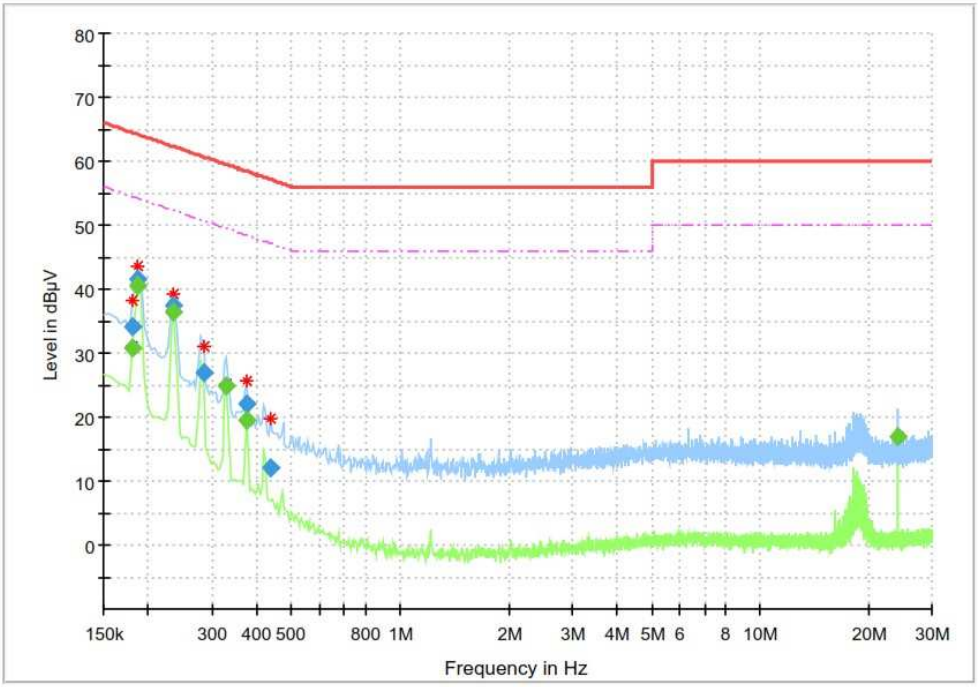


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	19.68	54.42	34.74	15000.0	9.000	L1	ON	0.4
0.181500	22.91	---	64.42	41.51	15000.0	9.000	L1	ON	0.4
0.186000	---	29.37	54.21	24.85	15000.0	9.000	L1	ON	0.3
0.186000	30.52	---	64.21	33.70	15000.0	9.000	L1	ON	0.3
0.235500	---	25.62	52.25	26.63	15000.0	9.000	L1	ON	0.3
0.235500	26.66	---	62.25	35.60	15000.0	9.000	L1	ON	0.3
0.330000	15.74	---	59.45	43.71	15000.0	9.000	L1	ON	0.2
0.330000	---	14.02	49.45	35.43	15000.0	9.000	L1	ON	0.2
0.375000	10.89	---	58.39	47.50	15000.0	9.000	L1	ON	0.2
0.375000	---	8.00	48.39	40.39	15000.0	9.000	L1	ON	0.2
24.004500	---	18.66	50.00	31.34	15000.0	9.000	L1	ON	0.6
24.004500	19.24	---	60.00	40.76	15000.0	9.000	L1	ON	0.6

[NEUTRAL]

Full Spectrum

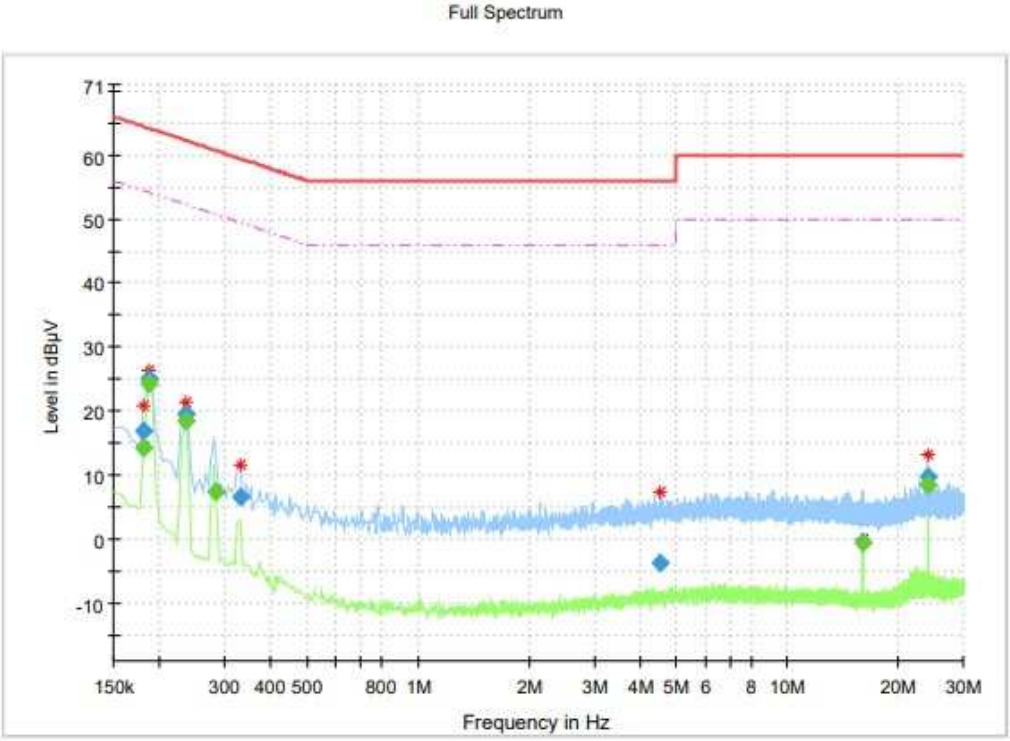


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	30.76	54.42	23.66	15000.0	9.000	N	ON	10.1
0.181500	34.08	---	64.42	30.33	15000.0	9.000	N	ON	10.1
0.186000	---	40.39	54.21	13.82	15000.0	9.000	N	ON	10.1
0.186000	41.55	---	64.21	22.66	15000.0	9.000	N	ON	10.1
0.235500	---	36.31	52.25	15.94	15000.0	9.000	N	ON	9.9
0.235500	37.41	---	62.25	24.84	15000.0	9.000	N	ON	9.9
0.285000	26.93	---	60.67	33.74	15000.0	9.000	N	ON	9.9
0.330000	---	24.96	49.45	24.49	15000.0	9.000	N	ON	9.9
0.375000	22.02	---	58.39	36.37	15000.0	9.000	N	ON	10.0
0.375000	---	19.40	48.39	28.99	15000.0	9.000	N	ON	10.0
0.438000	11.99	---	57.10	45.11	15000.0	9.000	N	ON	10.0
24.004500	---	16.80	50.00	33.20	15000.0	9.000	N	ON	10.0

Test mode : ANT 0 - Receiving, status (worst case)

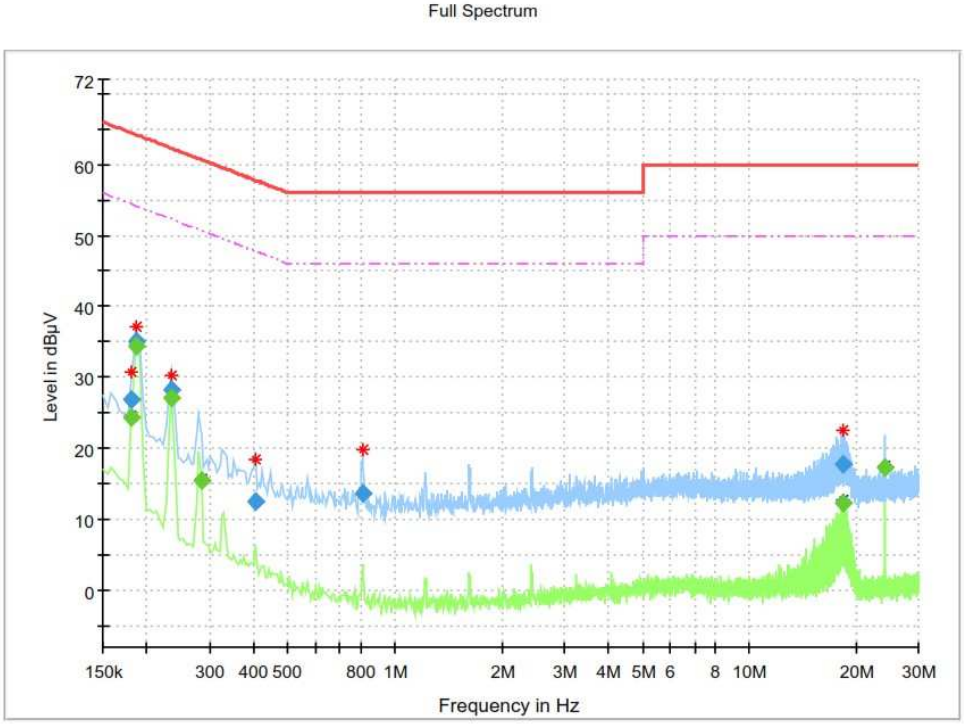
[LINE]



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	14.32	54.42	40.10	15000.0	9.000	L1	ON	0.4
0.181500	16.88	---	64.42	47.54	15000.0	9.000	L1	ON	0.4
0.186000	---	24.28	54.21	29.93	15000.0	9.000	L1	ON	0.3
0.186000	25.11	---	64.21	39.10	15000.0	9.000	L1	ON	0.3
0.235500	---	18.48	52.25	33.77	15000.0	9.000	L1	ON	0.3
0.235500	19.51	---	62.25	42.75	15000.0	9.000	L1	ON	0.3
0.285000	---	7.35	50.67	43.32	15000.0	9.000	L1	ON	0.2
0.330000	6.53	---	59.45	52.92	15000.0	9.000	L1	ON	0.2
4.542000	-3.57	---	56.00	59.57	15000.0	9.000	L1	ON	0.3
15.967500	---	-0.65	50.00	50.65	15000.0	9.000	L1	ON	0.4
24.004500	---	8.35	50.00	41.65	15000.0	9.000	L1	ON	0.6
24.004500	9.68	---	60.00	50.32	15000.0	9.000	L1	ON	0.6

[NEUTRAL]

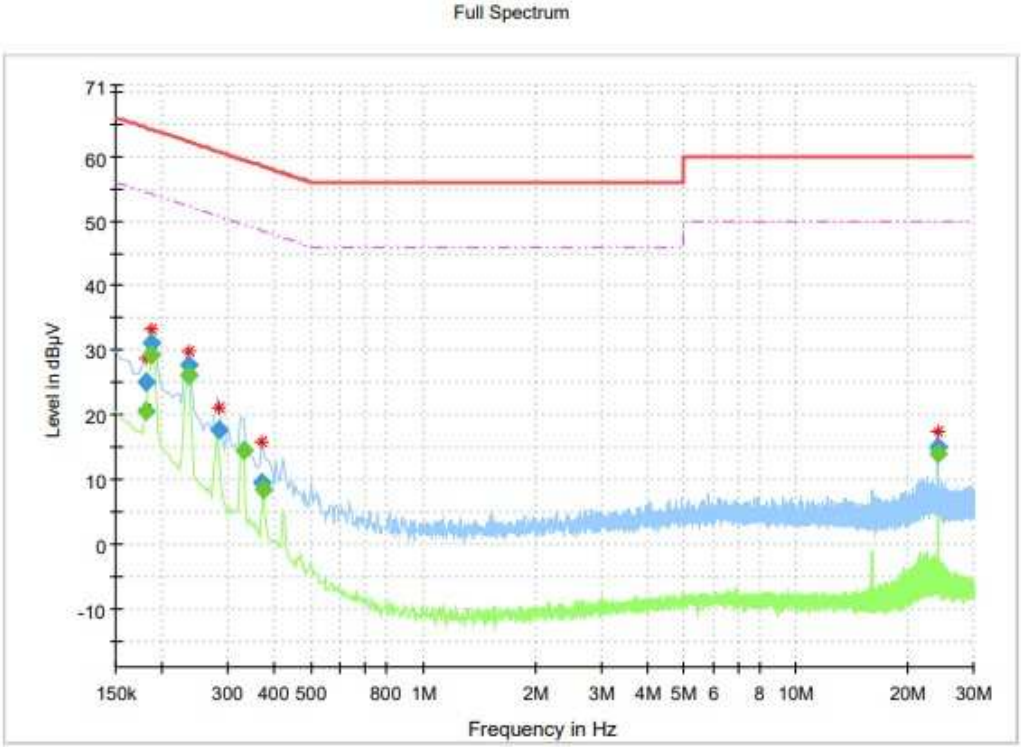


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	24.40	54.42	30.02	15000.0	9.000	N	ON	10.1
0.181500	26.88	---	64.42	37.54	15000.0	9.000	N	ON	10.1
0.186000	---	34.36	54.21	19.85	15000.0	9.000	N	ON	10.1
0.186000	35.18	---	64.21	29.03	15000.0	9.000	N	ON	10.1
0.235500	---	27.10	52.25	25.15	15000.0	9.000	N	ON	9.9
0.235500	28.26	---	62.25	33.99	15000.0	9.000	N	ON	9.9
0.285000	---	15.50	50.67	35.17	15000.0	9.000	N	ON	9.9
0.406500	12.56	---	57.72	45.15	15000.0	9.000	N	ON	10.0
0.811500	13.73	---	56.00	42.27	15000.0	9.000	N	ON	9.9
18.393000	17.81	---	60.00	42.19	15000.0	9.000	N	ON	10.0
18.424500	---	12.37	50.00	37.63	15000.0	9.000	N	ON	10.0
24.004500	---	17.39	50.00	32.61	15000.0	9.000	N	ON	10.0

Test mode : ANT 1 - Transmission status (worst case)

[LINE]

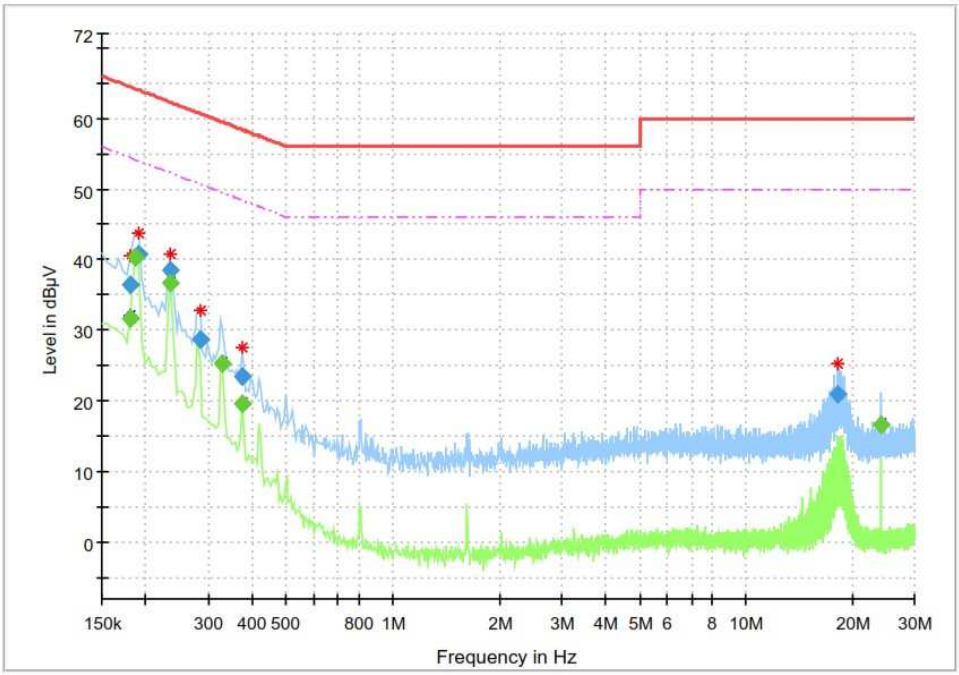


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	20.58	54.42	33.84	15000.0	9.000	L1	ON	0.4
0.181500	25.18	---	64.42	39.24	15000.0	9.000	L1	ON	0.4
0.186000	---	29.38	54.21	24.84	15000.0	9.000	L1	ON	0.3
0.186000	31.28	---	64.21	32.94	15000.0	9.000	L1	ON	0.3
0.235500	---	26.02	52.25	26.23	15000.0	9.000	L1	ON	0.3
0.235500	27.64	---	62.25	34.61	15000.0	9.000	L1	ON	0.3
0.285000	17.57	---	60.67	43.10	15000.0	9.000	L1	ON	0.2
0.330000	---	14.42	49.45	35.03	15000.0	9.000	L1	ON	0.2
0.370500	9.50	---	58.49	48.99	15000.0	9.000	L1	ON	0.2
0.375000	---	8.58	48.39	39.81	15000.0	9.000	L1	ON	0.2
24.004500	---	13.87	50.00	36.13	15000.0	9.000	L1	ON	0.6
24.004500	15.06	---	60.00	44.94	15000.0	9.000	L1	ON	0.6

[NEUTRAL]

Full Spectrum



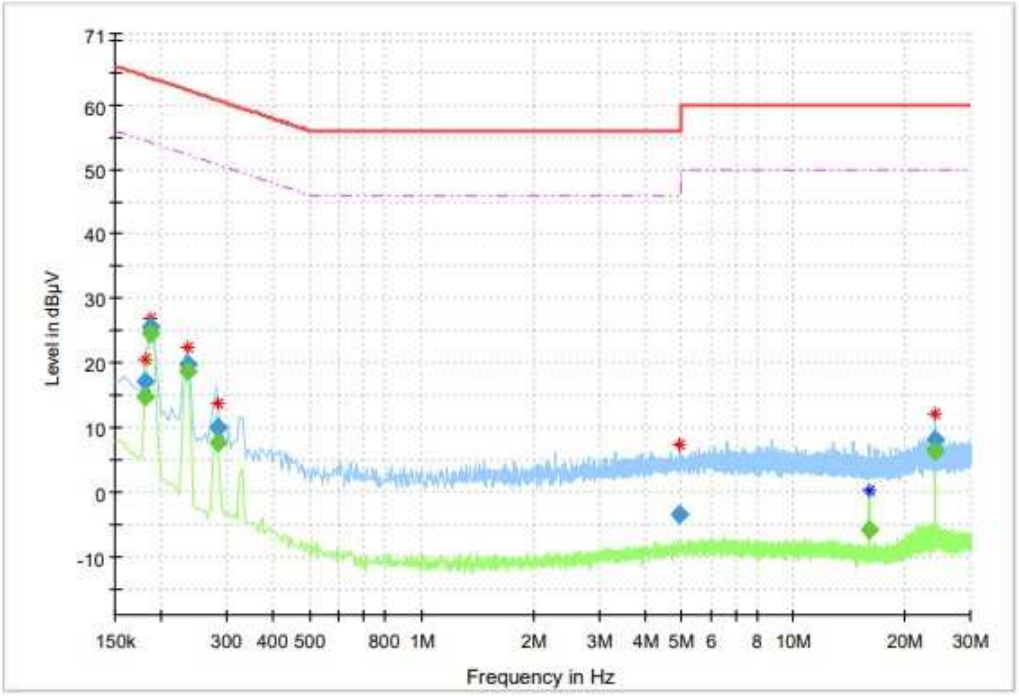
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	31.70	54.42	22.71	15000.0	9.000	N	ON	10.1
0.181500	36.47	---	64.42	27.95	15000.0	9.000	N	ON	10.1
0.186000	---	40.35	54.21	13.86	15000.0	9.000	N	ON	10.1
0.190500	40.66	---	64.02	23.35	15000.0	9.000	N	ON	10.1
0.235500	---	36.61	52.25	15.65	15000.0	9.000	N	ON	9.9
0.235500	38.40	---	62.25	23.86	15000.0	9.000	N	ON	9.9
0.285000	28.63	---	60.67	32.04	15000.0	9.000	N	ON	9.9
0.330000	---	25.19	49.45	24.26	15000.0	9.000	N	ON	9.9
0.375000	23.48	---	58.39	34.91	15000.0	9.000	N	ON	10.0
0.375000	---	19.67	48.39	28.72	15000.0	9.000	N	ON	10.0
18.123000	20.97	---	60.00	39.03	15000.0	9.000	N	ON	10.0
24.004500	---	16.60	50.00	33.40	15000.0	9.000	N	ON	10.0

Test mode : ANT 1 - Receiving, status (worst case)

[LINE]

Full Spectrum

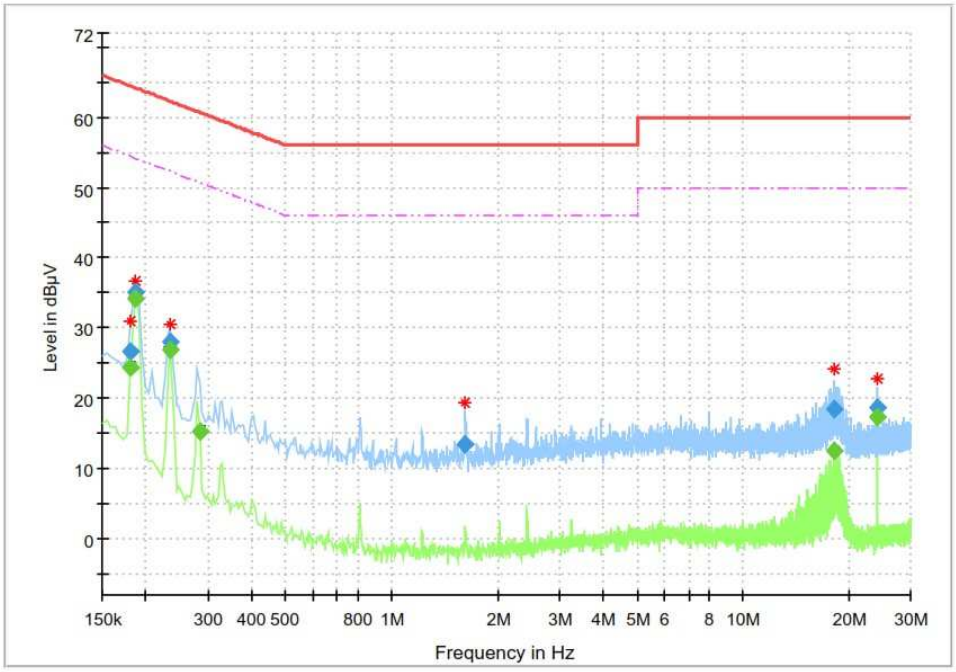


Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	14.75	54.42	39.67	15000.0	9.000	L1	ON	0.4
0.181500	17.22	---	64.42	47.20	15000.0	9.000	L1	ON	0.4
0.186000	---	24.67	54.21	29.55	15000.0	9.000	L1	ON	0.3
0.186000	25.48	---	64.21	38.73	15000.0	9.000	L1	ON	0.3
0.235500	---	18.81	52.25	33.44	15000.0	9.000	L1	ON	0.3
0.235500	19.84	---	62.25	42.41	15000.0	9.000	L1	ON	0.3
0.285000	10.15	---	60.67	50.52	15000.0	9.000	L1	ON	0.2
0.285000	---	7.78	50.67	42.89	15000.0	9.000	L1	ON	0.2
4.969500	-3.38	---	56.00	59.38	15000.0	9.000	L1	ON	0.3
15.990000	---	-5.72	50.00	55.72	15000.0	9.000	L1	ON	0.4
24.004500	---	6.23	50.00	43.77	15000.0	9.000	L1	ON	0.6
24.004500	8.11	---	60.00	51.89	15000.0	9.000	L1	ON	0.6

[NEUTRAL]

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	---	24.25	54.42	30.17	15000.0	9.000	N	ON	10.1
0.181500	26.75	---	64.42	37.67	15000.0	9.000	N	ON	10.1
0.186000	---	34.21	54.21	20.00	15000.0	9.000	N	ON	10.1
0.186000	35.00	---	64.21	29.21	15000.0	9.000	N	ON	10.1
0.235500	---	26.96	52.25	25.29	15000.0	9.000	N	ON	9.9
0.235500	28.11	---	62.25	34.15	15000.0	9.000	N	ON	9.9
0.285000	---	15.32	50.67	35.35	15000.0	9.000	N	ON	9.9
1.617000	13.49	---	56.00	42.51	15000.0	9.000	N	ON	9.7
18.123000	18.36	---	60.00	41.64	15000.0	9.000	N	ON	10.0
18.244500	---	12.44	50.00	37.56	15000.0	9.000	N	ON	10.0
24.004500	---	17.39	50.00	32.61	15000.0	9.000	N	ON	10.0
24.004500	18.58	---	60.00	41.42	15000.0	9.000	N	ON	10.0

5. APPENDIX A – Test Equipment Used For Tests

No.	Name of Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Signal Analyzer	Agilent	N9020A	MY50200096	2023-12-05	2024-12-05
2	Signal Analyzer	Agilent	N9020A	MY50510324	2023-12-05	2024-12-05
3	Signal Generator	Rohde & Schwarz	SMB100A	175528	2024-03-21	2025-03-21
4	EMI TEST RECEIVER	Rohde & Schwarz	ESW44	102039	2024-04-29	2025-04-29
5	Bilog Antenna	TESEQ	CBL6111D	60654	2023-08-21	2025-08-21
6	Active Loop Antenna	SCHWARZBECK	FMZB 1513	1513-125	2024-04-15	2026-04-15
7	Attenuator	PASTERNACK	PE7AP006-06	L20210504000 023	2024-07-31	2025-07-31
8	AMPLIFIER	SONOMA INSTRUMENT	310N	411011	2024-07-31	2025-07-31
9	Spectrum Analyzer	Rohde & Schwarz	FSV40	101574	2024-01-15	2025-01-15
10	Preamplifier	Agilent	8449B	3008A00620	2024-04-11	2025-04-11
11	Double Ridged Guide Antenna	ETS-Lindgren	3115	00078895	2024-04-16	2025-04-16
12	Horn Antenna	SCHWARZBECK	BBHA9170	01153	2023-10-19	2024-10-19
13	Band Reject Filter	Micro Tronics	BRM50702	G444	2023-09-26	2024-09-26
14	Low Noise Amplifier	TESTEK	TK-PA1840H	210124-L	2023-10-20	2024-10-20
15	Dual-Tracking DC Power Supply	Topward Electric Instruments Co.,Ltd.	6303D	711196	2024-03-20	2025-03-20
16	EMI Test Receiver	R&S	ESR3	102826	2024-04-29	2025-04-29
17	LISN	R&S	ENV216	102698	2024-04-29	2025-04-29

No.	Cable	Manufacturer	Model No.	Serial No.	Check Date
1	RF Cable (Conducted)	Junkosha Inc.	MWX221	2008S244	2024-07-26
2	RF Cable (9 kHz - 1 GHz Radiated)	Canare Corporation	L-5D2W	N/A	2024-03-05
3	RF Cable (9 kHz - 1 GHz Radiated)	HUBER+SUHNER	SUCOFLEX 104	MY27558/4	2024-03-05
4	RF Cable (1 GHz-18 GHz Radiated)	Junkosha Inc.	MWX221	2008S246	2023-06-28
5	RF Cable (1 GHz-18 GHz Radiated)	Junkosha Inc.	MWX221	J0970749	2023-06-28
6	RF Cable (1 GHz-18 GHz Radiated)	Sensorview Co., LTD	13A26	TPC2204060007	2023-06-28
7	RF Cable (18 GHz-26.5 GHz Radiated)	HUBER+SUHNER	SUCOFLEX 102	MY2372/2	2023-06-28
8	RF Cable (18 GHz-26.5 GHz Radiated)	HUBER+SUHNER	SUCOFLEX 102	MY2371/2	2023-06-28
9	RF Cable (18 GHz-26.5 GHz Radiated)	Sensorview Co., LTD	9A40	TP210713-001	2023-06-28
10	RF Cable (Line Conducted)	Canare Corporation	L-5D2W	N/A	2024-03-05

-END-