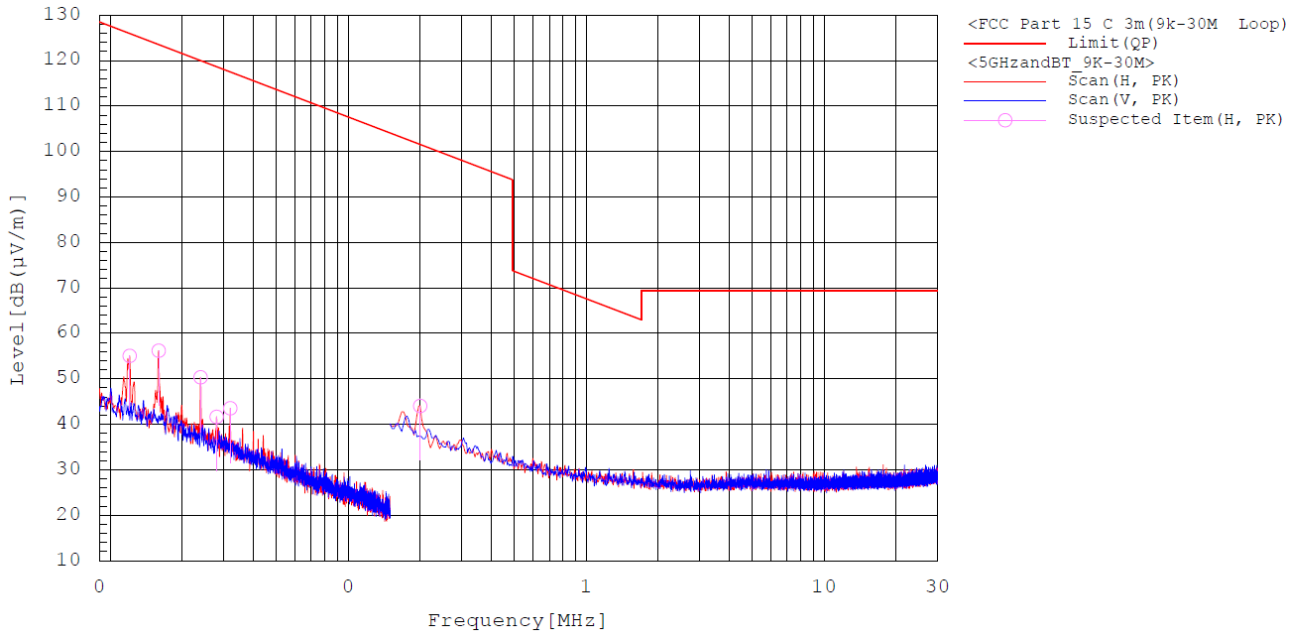


Test mode : Transmitter (simultaneous transmissions DSS+ NII)

The requirements are:

☒ Complies

Test Data



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
-----------------	-----	----------------	---------------	------------------	------------------	-------------

The emissions 9 kHz to 30 MHz were 20 dB lower than the limit.

Remark :

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down positon(X,Y axis). The worst emission was found in lie-down positon(Z 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.

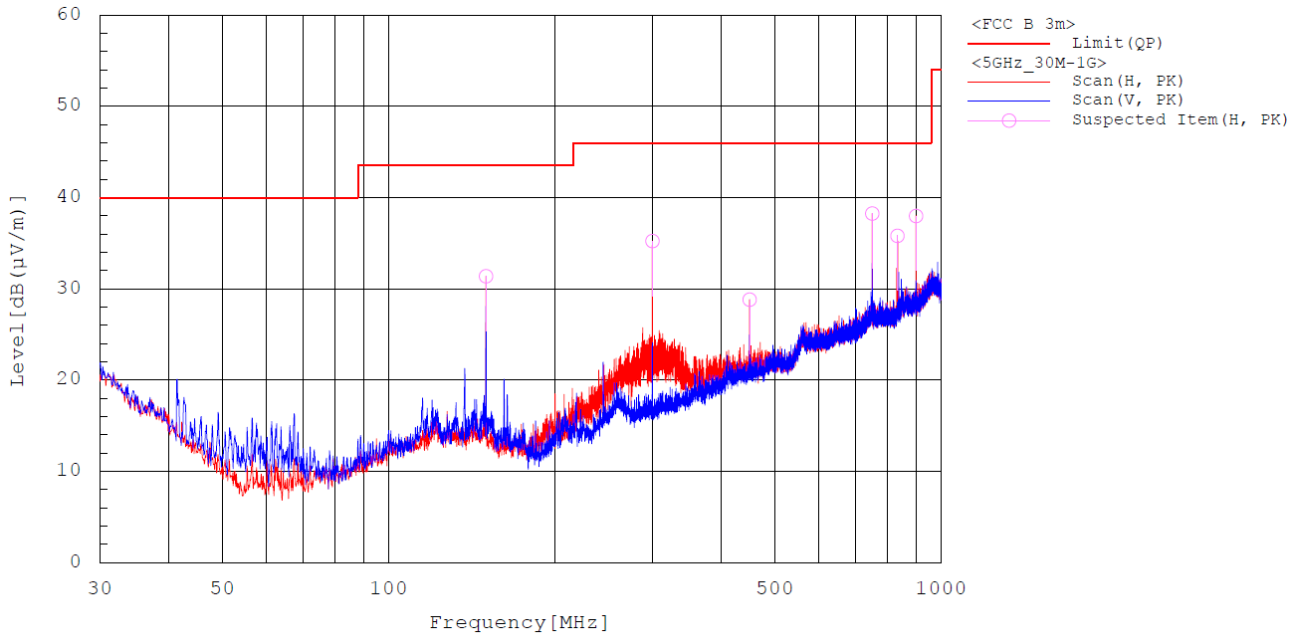
2) 30 MHz to 1 GHz

Test mode : Transmitter (Worst Case)

The requirements are:

☒ Complies

Test Data



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
149.989	H	44.20	-12.80	31.40	43.50	12.10
300.048	H	45.30	-10.10	35.20	46.00	10.80
450.010	H	34.30	-5.50	28.80	46.00	17.20
750.031	H	36.70	1.60	38.30	46.00	7.70
832.869	H	33.90	1.90	35.80	46.00	10.20
900.090	H	34.30	3.70	38.00	46.00	8.00

Remark :

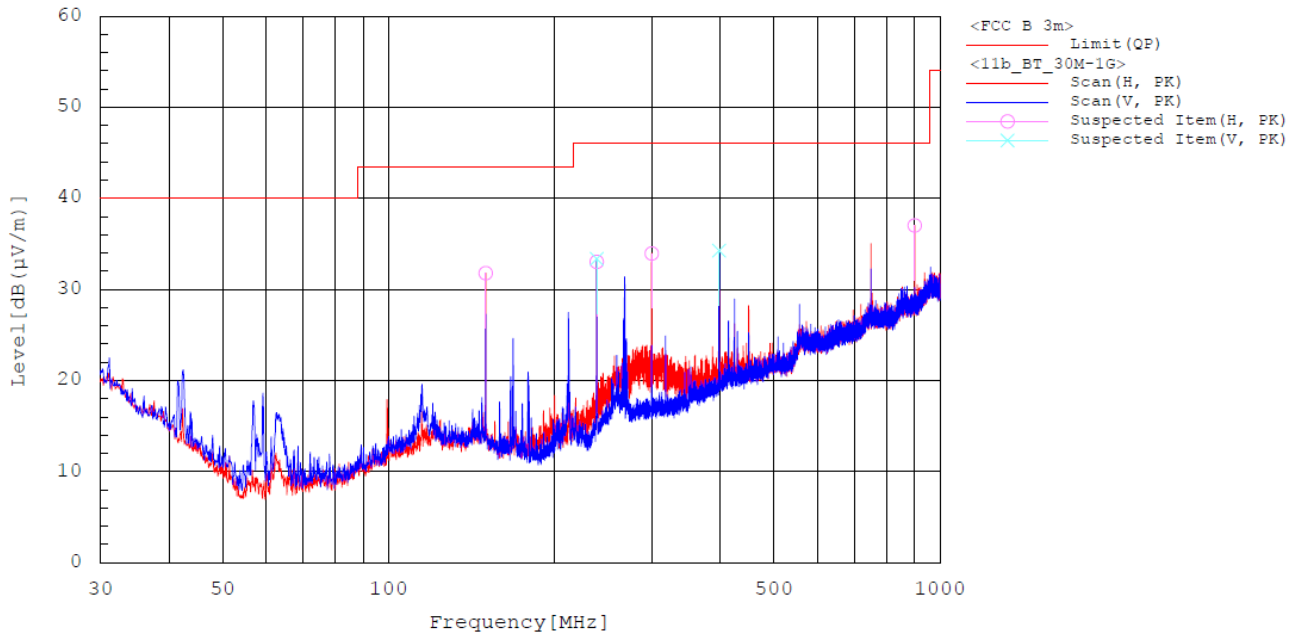
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down positon(X,Y axis). The worst emission was found in lie-down positon(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain

Test mode : Transmitter (simultaneous transmissions DSS + NII)

The requirements are:

☒ Complies

Test Data



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level [dB(uV/m)]	Limit [dB(uV/m)]	Margin [dB]
149.989	H	44.60	-12.80	31.80	43.50	11.70
238.453	V	45.80	-12.40	33.40	46.00	12.60
238.453	H	45.40	-12.40	33.00	46.00	13.00
300.048	H	44.10	-10.10	34.00	46.00	12.00
397.533	V	41.40	-7.10	34.30	46.00	11.70
900.090	H	33.30	3.70	37.00	46.00	9.00

Remark :

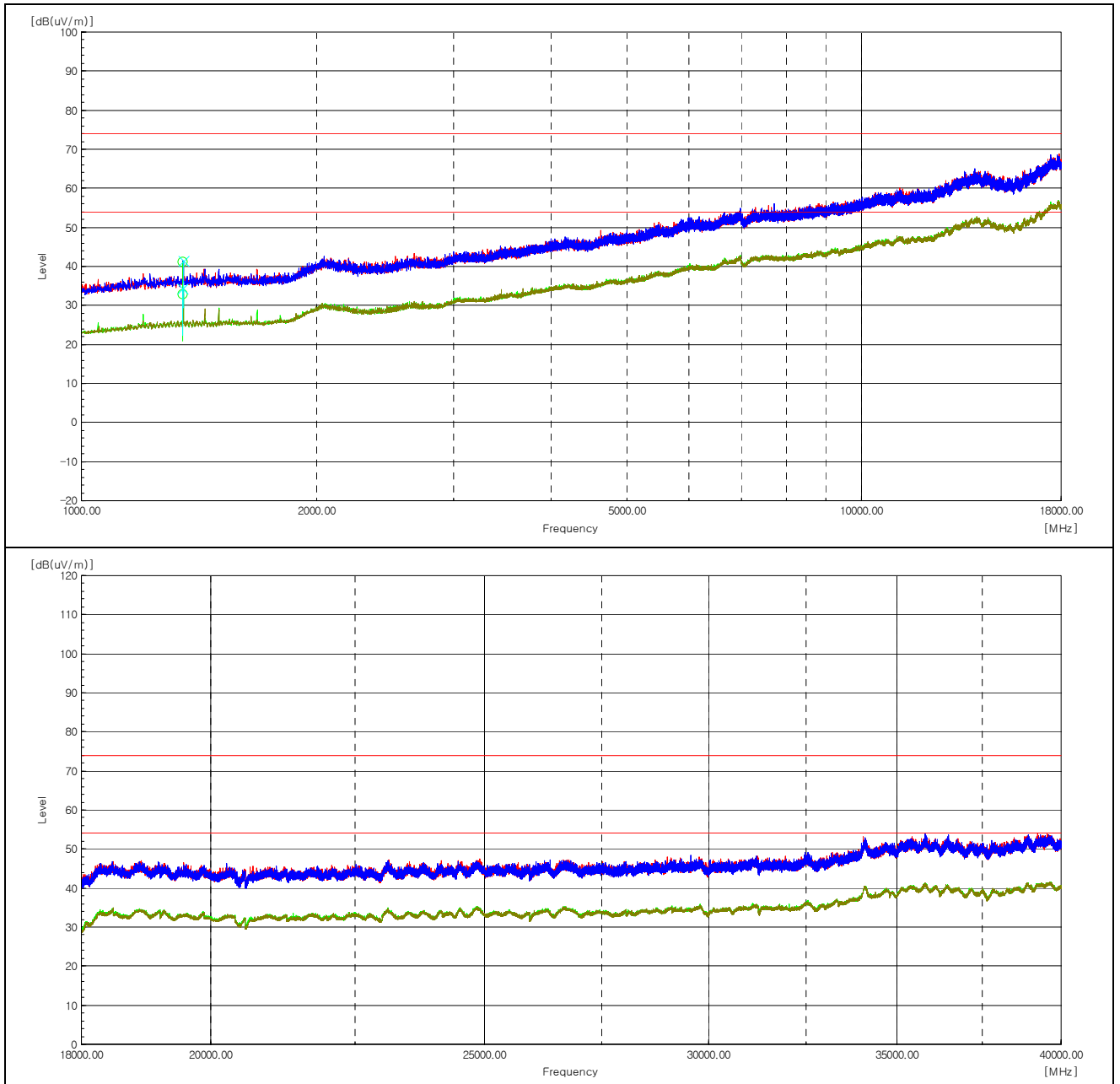
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down positon(X,Y axis). The worst emission was found in lie-down positon(Z axis) and the worst case was recorded.
2. Result = Reading + c.f(Correction factor)
3. Correction factor = Antenna factor + Cable loss + 6 dB attenuator - Amp Gain

3) above 1 GHz

The requirements are:

☒ Complies

Test Data



Test mode : Transmitter, 802.11a

The requirements are:

☒ Complies

Test Data

Ch.36(5 180 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.30	-10.00	41.30	-----	74.00	-----	32.70	-----	Peak
1 349.534	H	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average
1 350.214	V	51.40	-10.00	41.40	-----	74.00	-----	32.60	-----	Peak
1 349.534	V	44.40	-10.00	-----	34.40	-----	54.00	-----	19.60	Average

Ch.40(5 200 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.50	-10.00	41.50	-----	74.00	-----	32.50	-----	Peak
1 349.534	H	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average
1 350.214	V	51.30	-10.00	41.30	-----	74.00	-----	32.70	-----	Peak
1 350.214	V	44.20	-10.00	-----	34.20	-----	54.00	-----	19.80	Average

Ch.48(5 240 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1350.214	H	50.80	-10.00	40.80	-----	74.00	-----	33.20	-----	Peak
1349.534	H	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average
1731.029	V	51.60	-9.10	42.50	-----	74.00	-----	31.50	-----	Peak
1349.534	V	44.10	-10.00	-----	34.10	-----	54.00	-----	19.90	Average

Ch.52(5 260 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.00	-10.00	41.00	-----	74.00	-----	33.00	-----	Peak
1 349.534	H	43.10	-10.00	-----	33.10	-----	54.00	-----	20.90	Average
1 350.214	V	50.80	-10.00	40.80	-----	74.00	-----	33.20	-----	Peak
1 350.214	V	44.20	-10.00	-----	34.20	-----	54.00	-----	19.80	Average

Ch.60(5 300 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	52.10	-10.00	42.10	-----	74.00	-----	31.90	-----	Peak
1 350.214	H	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average
1 350.214	V	51.30	-10.00	41.30	-----	74.00	-----	32.70	-----	Peak
1 349.534	V	44.30	-10.00	-----	34.30	-----	54.00	-----	19.70	Average

Ch.64(5 320 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.60	-10.00	41.60	-----	74.00	-----	32.40	-----	Peak
1 349.534	H	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average
1 350.214	V	51.80	-10.00	41.80	-----	74.00	-----	32.20	-----	Peak
1 350.214	V	44.10	-10.00	-----	34.10	-----	54.0	-----	19.90	Average

Ch.100(5 500 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.50	-10.00	41.50	-----	74.00	-----	32.50	-----	Peak
1 349.534	H	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average
1 349.534	V	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 349.534	V	44.20	-10.00	-----	34.20	-----	54.00	-----	19.80	Average

Ch.120(5 600 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.50	-10.00	41.50	-----	74.00	-----	32.50	-----	Peak
1 349.534	H	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average
1 349.534	V	52.20	-10.00	42.20	-----	74.00	-----	31.80	-----	Peak
1 349.534	V	44.20	-10.00	-----	34.20	-----	54.00	-----	19.80	Average

Ch.140(5 700 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 349.534	H	43.10	-10.00	-----	33.10	-----	54.00	-----	20.90	Average
1 349.534	V	51.30	-10.00	41.30	-----	74.00	-----	32.70	-----	Peak
1 349.534	V	44.10	-10.00	-----	34.10	-----	54.00	-----	19.90	Average

Ch.144(5 720 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 350.214	H	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average
1 349.534	V	51.60	-10.00	41.60	-----	74.00	-----	32.40	-----	Peak
1 350.214	V	44.00	-10.00	-----	34.00	-----	54.00	-----	20.00	Average

Ch.149(5 745 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.30	-10.00	41.30	-----	74.00	-----	32.70	-----	Peak
1 349.534	H	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average
1 350.214	V	51.90	-10.00	41.90	-----	74.00	-----	32.10	-----	Peak
1 349.534	V	44.20	-10.00	-----	34.20	-----	54.00	-----	19.80	Average

Ch.157(5 785 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 680.027	H	50.00	-9.20	40.80	-----	74.00	-----	33.20	-----	Peak
1 349.534	H	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average
1 349.534	V	51.30	-10.00	41.30	-----	74.00	-----	32.70	-----	Peak
1 349.534	V	44.20	-10.00	-----	34.20	-----	54.00	-----	19.80	Average

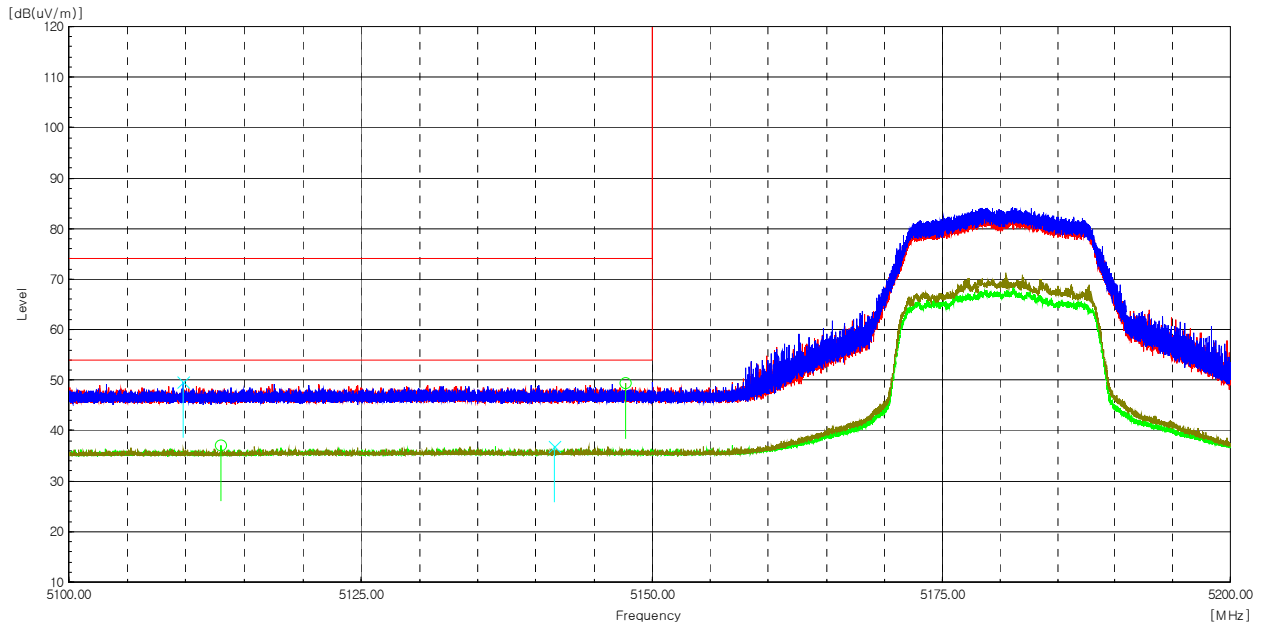
Ch.165(5 825 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.00	-10.00	41.00	-----	74.00	-----	33.00	-----	Peak
1 349.534	H	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average
1 349.534	V	52.00	-10.00	42.00	-----	74.00	-----	32.00	-----	Peak
1 349.534	V	44.20	-10.00	-----	34.20	-----	54.00	-----	19.80	Average

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z 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 18 GHz end had no signal detected.

Mode :	802.11a
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36



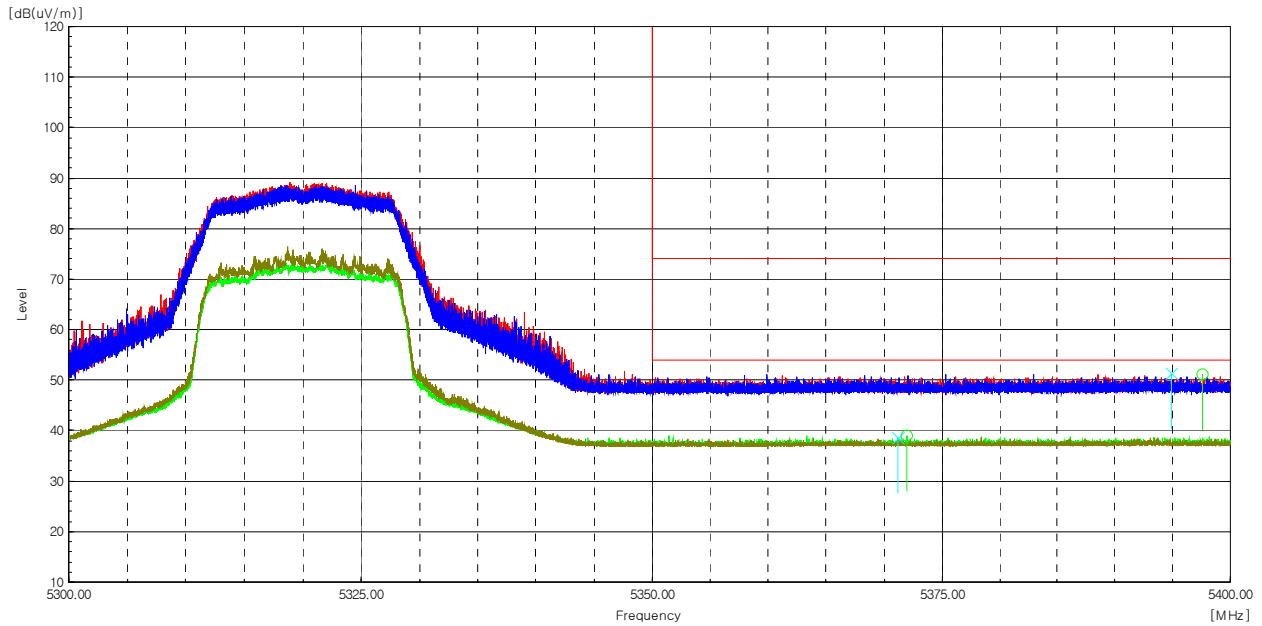
Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
5 147.66	H	46.90	2.60	49.50	-----	74.00	-----	24.50	-----	Peak
5 112.98	H	34.50	2.60	-----	37.10	-----	54.00	-----	16.90	Average
5 109.81	V	47.10	2.60	49.70	-----	74.00	-----	24.30	-----	Peak
5 141.63	V	34.30	2.60	-----	36.90	-----	54.00	-----	17.10	Average

Radiated Restricted Band Edge Plot

Remarks

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

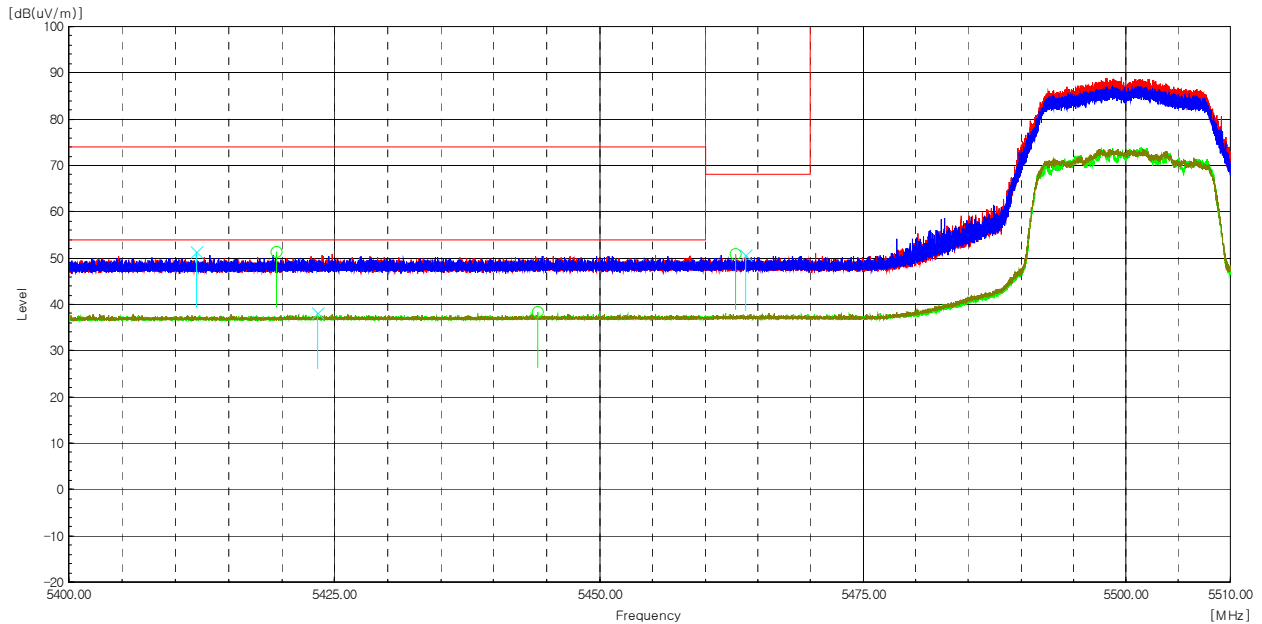
Worst Case Mode :	802.11a
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64



Frequency [MHz]	(P)	Reading [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]	Note
5 397.58	H	47.90	3.30	51.20	-----	74.00	-----	22.80	-----	Peak
5 371.98	H	35.80	3.30	-----	39.10	-----	54.00	-----	14.90	Average
5 394.89	V	48.00	3.30	51.30	-----	74.00	-----	22.70	-----	Peak
5 371.20	V	35.30	3.30	-----	38.60	-----	54.00	-----	15.40	Average

Radiated Restricted Band Edge Plot

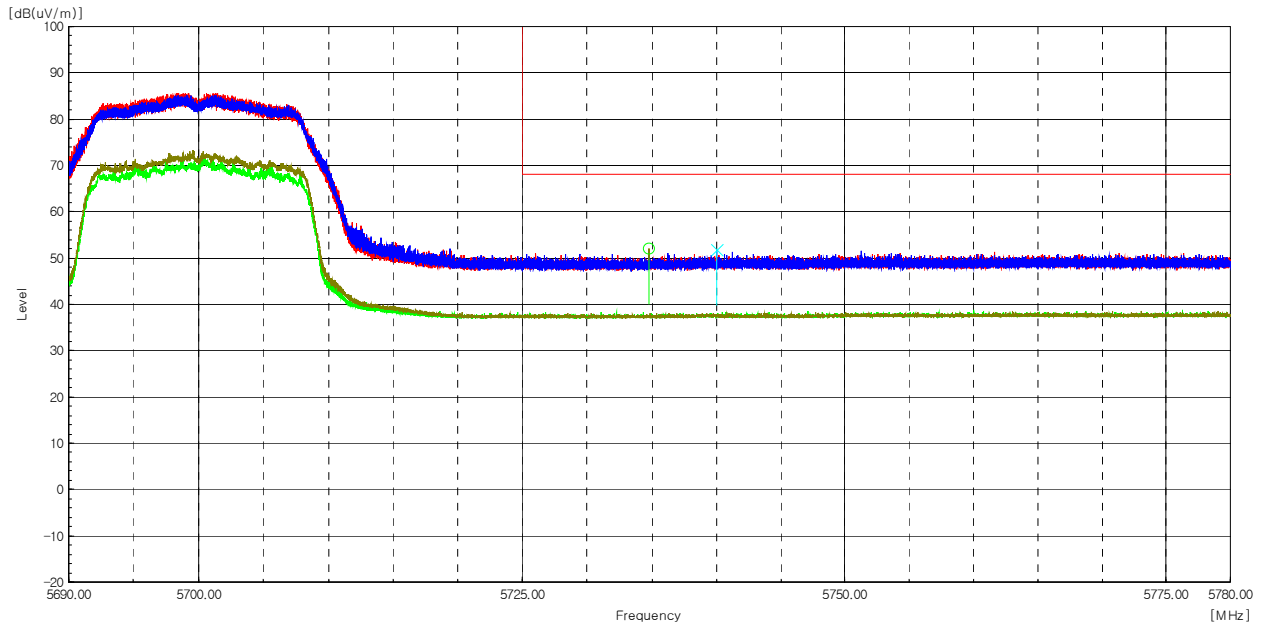
Worst Case Mode :	802.11a
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [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]	Note
5 462.84	H	47.20	3.70	50.90	-----	68.20	-----	17.30	-----	Peak
5 463.83	V	47.00	3.70	50.70	-----	68.20	-----	17.50	-----	Peak
5 419.54	H	47.90	3.40	51.30	-----	74.00	-----	22.70	-----	Peak
5 444.17	H	34.80	3.60	-----	38.40	-----	54.00	-----	15.60	Average
5 412.04	V	48.00	3.40	51.40	-----	74.00	-----	22.60	-----	Peak
5 423.34	V	34.50	3.50	-----	38.00	-----	54.00	-----	16.00	Average

Radiated Restricted Band Edge Plot

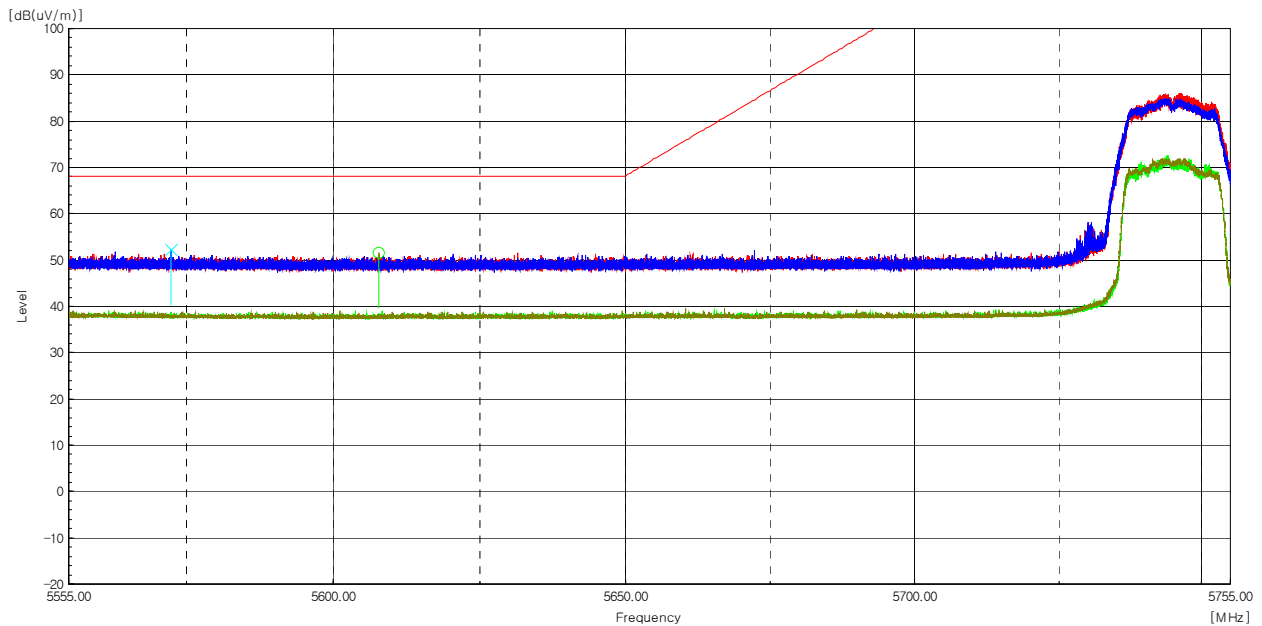
Worst Case Mode :	802.11a
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



Frequency [MHz]	(P)	Reading [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]	Note
5 734.77	H	47.80	4.30	52.10	-----	68.20	-----	16.10	-----	Peak
5 740.04	V	47.40	4.40	51.80	-----	68.20	-----	16.40	-----	Peak

Radiated Restricted Band Edge Plot

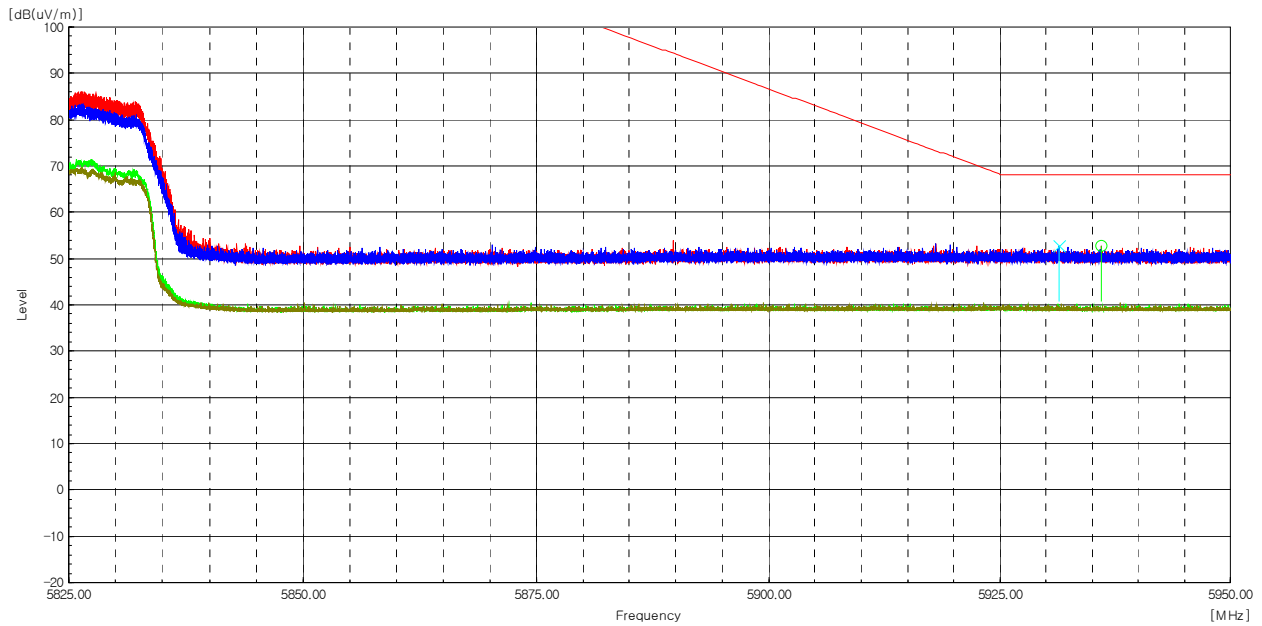
Worst Case Mode :	802.11a
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 745 MHz
Channel :	149



Frequency [MHz]	(P)	Reading [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]	Note
5 607.79	H	47.50	4.10	51.60	-----	68.20	-----	16.60	-----	Peak
5 572.40	V	48.30	4.00	52.30	-----	68.20	-----	15.90	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11a
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 825 MHz
Channel :	165



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1 / m)]	Duty Cycle Factor [dB]	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]	Note
5 935.98	H	47.90	4.90	-----	52.80	-----	68.20	-----	15.40	-----	Peak
5 931.42	V	47.80	5.00	-----	52.80	-----	68.20	-----	15.40	-----	Peak

Radiated Restricted Band Edge Plot

Test mode : Transmitter, 802.11n_HT20

The requirements are:

☒ Complies

Test Data

Ch.36(5 180 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	51.90	-9.80	42.10	-----	74.00	-----	31.90	-----	Peak
1 349.534	H	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average
1 350.214	V	52.00	-10.00	42.00	-----	74.00	-----	32.00	-----	Peak
1 349.534	V	44.00	-10.00	-----	34.00	-----	54.00	-----	20.00	Average

Ch.40(5 200 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	H	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average
1 349.534	V	51.50	-10.00	41.50	-----	74.00	-----	32.50	-----	Peak
1 349.534	V	44.10	-10.00	-----	34.10	-----	54.00	-----	19.90	Average

Ch.48(5 240 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 437.938	H	51.10	-9.80	41.30	-----	74.00	-----	32.70	-----	Peak
1 350.214	H	43.20	-10.00	-----	33.20	-----	54.00	-----	20.80	Average
1 349.534	V	51.50	-10.00	41.50	-----	74.00	-----	32.50	-----	Peak
1 350.214	V	44.00	-10.00	-----	34.00	-----	54.00	-----	20.00	Average

Ch.52(5 260 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 350.214	H	43.40	-10.00	-----	33.40	-----	54.00	-----	20.60	Average
1 349.534	V	51.40	-10.00	41.40	-----	74.00	-----	32.60	-----	Peak
1 349.534	V	44.00	-10.00	-----	34.00	-----	54.00	-----	20.00	Average

Ch.60(5 300 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
2 022.761	H	46.90	-5.10	41.80	-----	74.00	-----	32.20	-----	Peak
1 349.534	H	43.20	-10.00	-----	33.20	-----	54.00	-----	20.80	Average
2 039.761	V	47.80	-4.90	42.90	-----	74.00	-----	31.10	-----	Peak
1 349.534	V	44.40	-10.00	-----	34.40	-----	54.00	-----	19.60	Average

Ch.64(5 320 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.90	-10.00	40.90	-----	74.00	-----	33.10	-----	Peak
1 350.214	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 349.534	V	50.70	-10.00	40.70	-----	74.00	-----	33.30	-----	Peak
1 349.534	V	42.30	-10.00	-----	32.30	-----	54.00	-----	21.70	Average

Ch.100(5 500 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.70	-10.00	40.70	-----	74.00	-----	33.30	-----	Peak
1 349.534	H	41.80	-10.00	-----	31.80	-----	54.00	-----	22.20	Average
1 350.214	V	49.60	-10.00	39.60	-----	74.00	-----	34.40	-----	Peak
1 349.534	V	42.20	-10.00	-----	32.20	-----	54.00	-----	21.80	Average

Ch.120(5 600 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.20	-10.00	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	H	41.80	-10.00	-----	31.80	-----	54.00	-----	22.20	Average
1 349.534	V	50.10	-10.00	40.10	-----	74.00	-----	33.90	-----	Peak
1 349.534	V	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average

Ch.140(5 700 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	49.90	-9.80	40.10	-----	74.00	-----	33.90	-----	Peak
1 349.534	H	41.60	-10.00	-----	31.60	-----	54.00	-----	22.40	Average
2 088.043	V	47.30	-4.80	42.50	-----	74.00	-----	31.50	-----	Peak
1 349.534	V	42.10	-10.00	-----	32.10	-----	54.00	-----	21.90	Average

Ch.144(5 720 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	50.70	-9.80	40.90	-----	74.00	-----	33.10	-----	Peak
1 349.534	H	41.60	-10.00	-----	31.60	-----	54.00	-----	22.40	Average
1 350.214	V	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 349.534	V	42.20	-10.00	-----	32.20	-----	54.00	-----	21.80	Average

Ch.149(5 745 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 350.214	H	41.60	-10.00	-----	31.60	-----	54.00	-----	22.40	Average
1 349.534	V	51.50	-10.00	41.50	-----	74.00	-----	32.50	-----	Peak
1 349.534	V	42.20	-10.00	-----	32.20	-----	54.00	-----	21.80	Average

Ch.157(5 785 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	49.90	-9.80	40.10	-----	74.00	-----	33.90	-----	Peak
1 350.214	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 349.534	V	50.20	-10.00	40.20	-----	74.00	-----	33.80	-----	Peak
1 349.534	V	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average

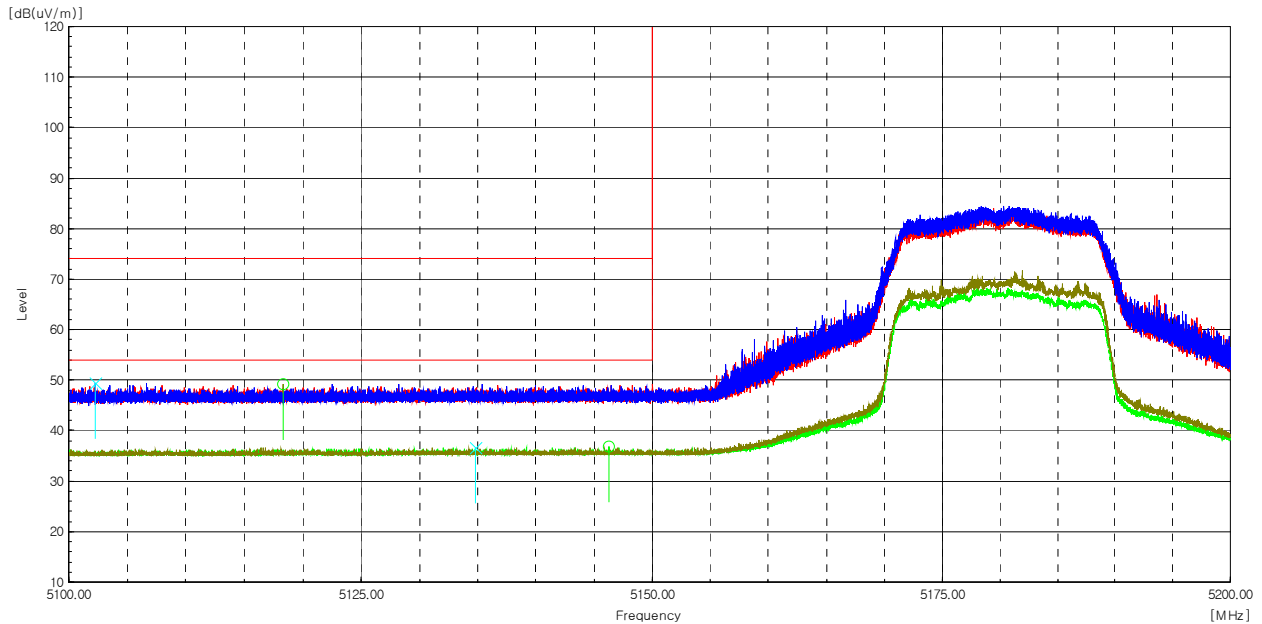
Ch.165(5 825 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	50.10	-9.80	40.30	-----	74.00	-----	33.70	-----	Peak
1 349.534	H	41.60	-10.00	-----	31.60	-----	54.00	-----	22.40	Average
1 499.820	V	49.60	-9.60	40.00	-----	74.00	-----	34.00	-----	Peak
1 350.214	V	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z 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 18 GHz end had no signal detected.

Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36



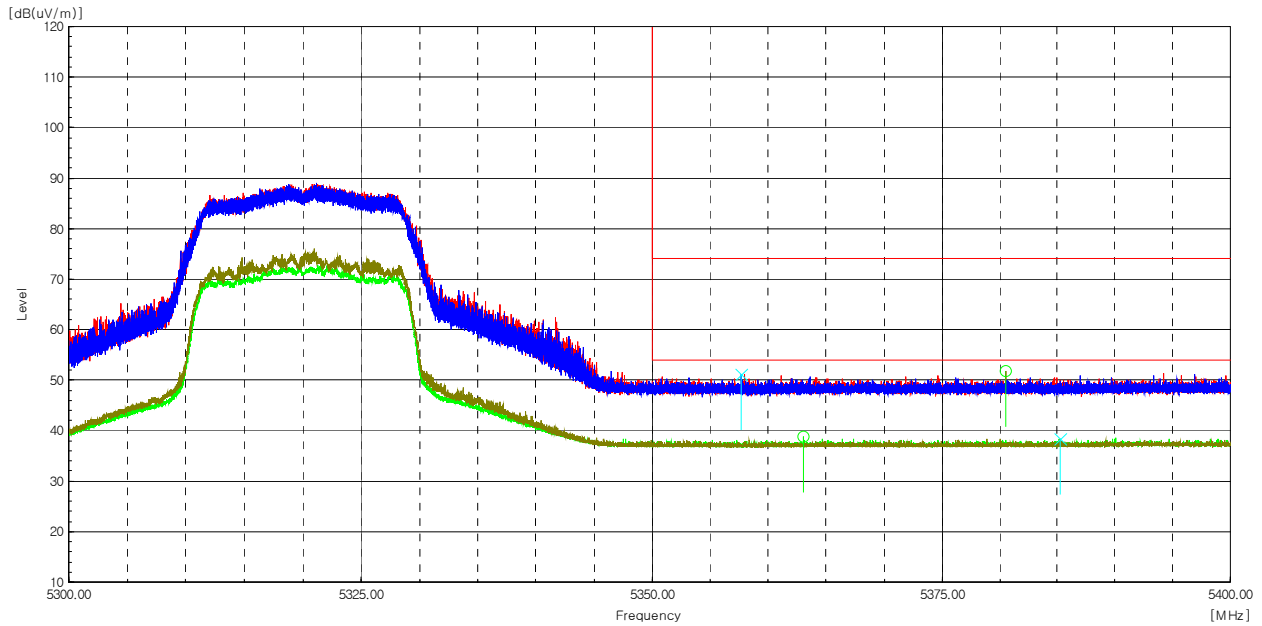
Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
5 118.317	H	46.60	2.60	49.20	-----	74.00	-----	24.80	-----	Peak
5 146.278	H	34.10	2.60	-----	36.70	-----	54.00	-----	17.30	Average
5 102.269	V	46.80	2.60	49.40	-----	74.00	-----	24.60	-----	Peak
5 134.846	V	34.10	2.60	-----	36.70	-----	54.00	-----	17.30	Average

Radiated Restricted Band Edge Plot

Remarks

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

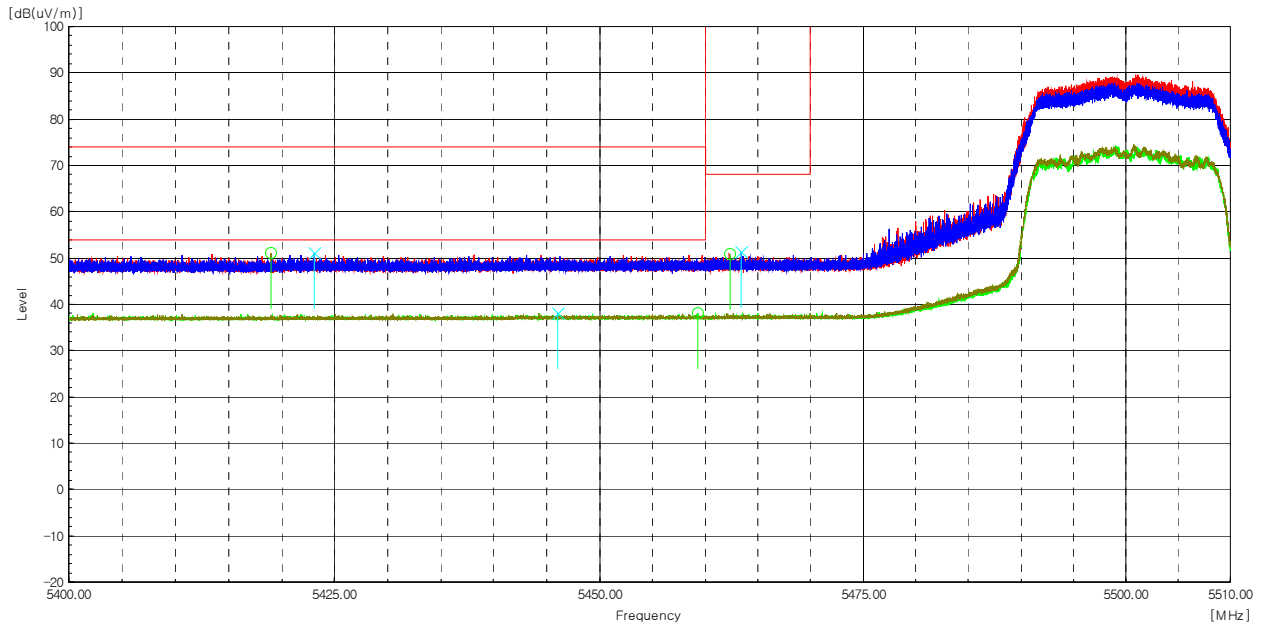
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64



Frequency [MHz]	(P)	Reading [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]	Note
5 380.555	H	48.40	3.30	51.70	-----	74.00	-----	22.30	-----	Peak
5 363.055	H	35.40	3.30	-----	38.70	-----	54.00	-----	15.30	Average
5 357.658	V	48.00	3.20	51.20	-----	74.00	-----	22.80	-----	Peak
5 385.235	V	35.10	3.30	-----	38.40	-----	54.00	-----	15.60	Average

Radiated Restricted Band Edge Plot

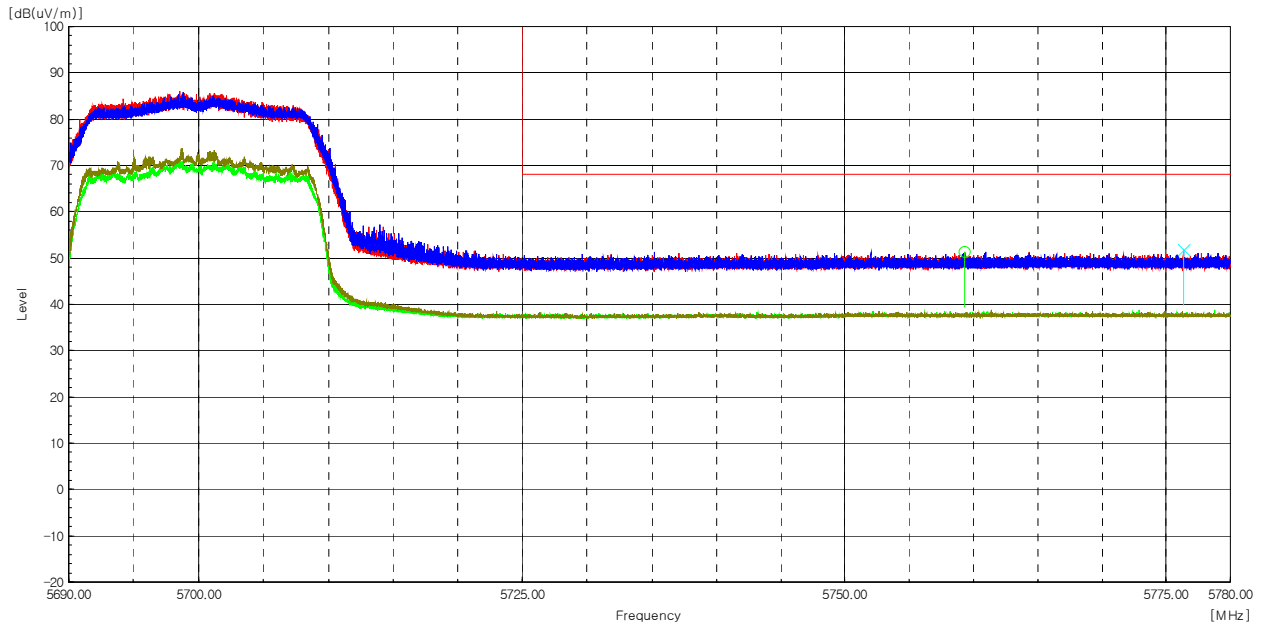
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [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]	Note
5 462.31	H	47.30	3.70	51.00	-----	68.20	-----	17.20	-----	Peak
5 463.46	V	47.70	3.70	51.40	-----	68.20	-----	16.80	-----	Peak
5 418.98	H	47.60	3.40	51.00	-----	74.00	-----	23.00	-----	Peak
5 459.28	H	34.60	3.60	-----	38.20	-----	54.00	-----	15.80	Average
5 423.09	V	47.50	3.50	51.00	-----	74.00	-----	23.00	-----	Peak
5 446.07	V	34.40	3.60	-----	38.00	-----	54.00	-----	16.00	Average

Radiated Restricted Band Edge Plot

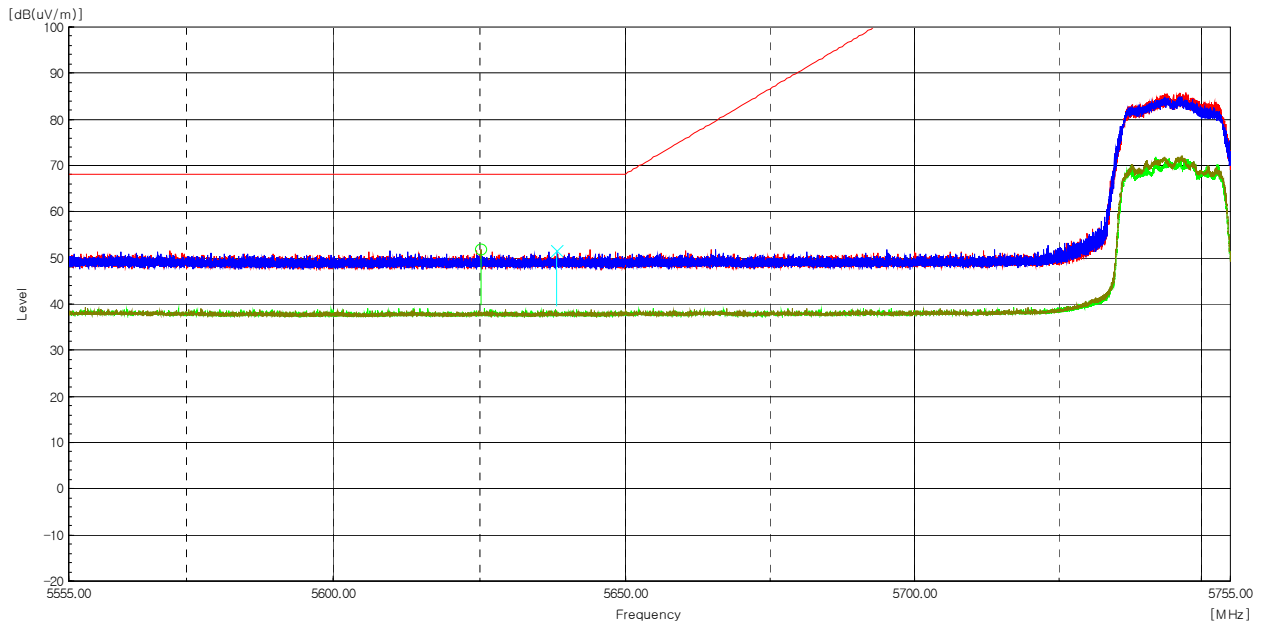
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



Frequency [MHz]	(P)	Reading [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]	Note
5 795.250	H	46.90	4.50	51.40	-----	68.2	-----	16.80	-----	Peak
5 776.350	V	47.40	4.40	51.80	-----	68.2	-----	16.40	-----	Peak

Radiated Restricted Band Edge Plot

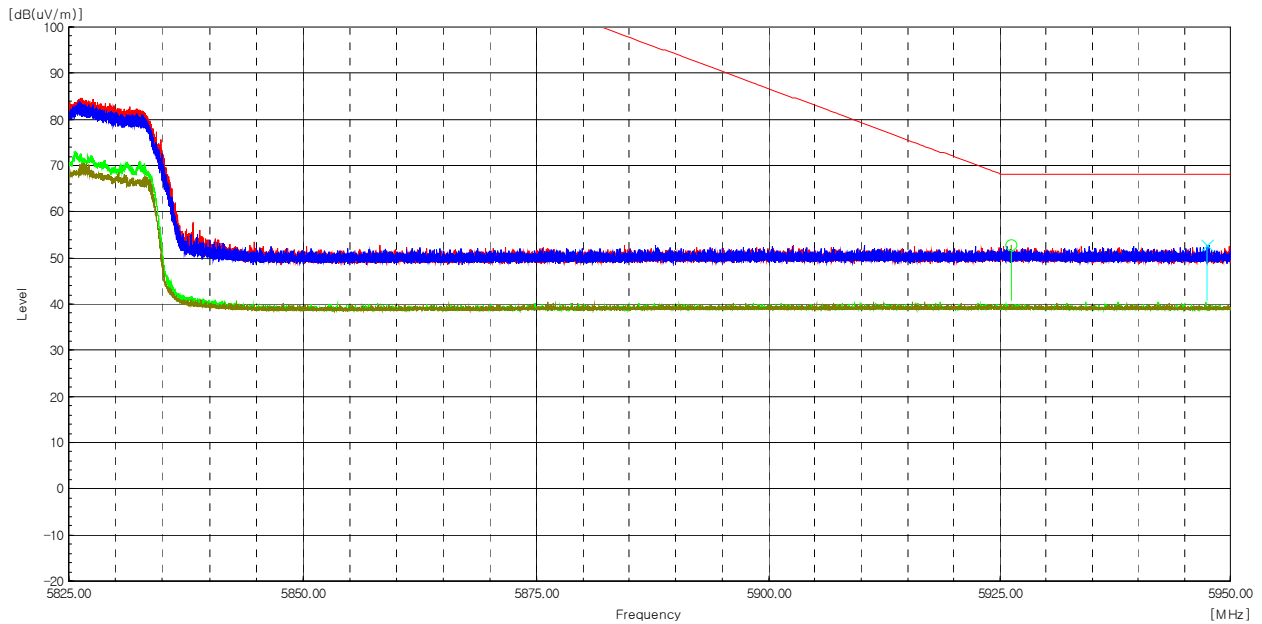
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 745 MHz
Channel :	149



Frequency [MHz]	(P)	Reading [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]	Note
5 625.140	H	47.80	4.10	51.90	-----	68.2	-----	16.30	-----	Peak
5 638.20	V	47.60	4.10	51.70	-----	68.2	-----	16.50	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 825 MHz
Channel :	165



Frequency [MHz]	(P)	Reading [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]	Note
5 926.280	H	47.70	5.00	52.70	-----	68.20	-----	15.50	-----	Peak
5 947.510	V	47.80	4.90	52.70	-----	68.20	-----	15.50	-----	Peak

Radiated Restricted Band Edge Plot

Test mode : Transmitter, 802.11ac_VHT20

The requirements are:

☒ Complies

Test Data

Ch.36(5 180 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	51.40	-9.80	41.60	-----	74.00	-----	32.40	-----	Peak
1 349.534	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 349.534	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 350.214	V	42.10	-10.00	-----	32.10	-----	54.00	-----	21.90	Average

Ch.40(5 200 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.10	-10.00	40.10	-----	74.00	-----	33.90	-----	Peak
1 349.534	H	41.60	-10.00	-----	31.60	-----	54.00	-----	22.40	Average
1 350.214	V	50.00	-10.00	40.00	-----	74.00	-----	34.00	-----	Peak
1 349.534	V	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average

Ch.48(5 240 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	51.00	-9.80	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	H	41.60	-10.00	-----	31.60	-----	54.00	-----	22.40	Average
1 350.214	V	49.60	-10.00	39.60	-----	74.00	-----	34.40	-----	Peak
1 349.534	V	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average

Ch.52(5 260 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	49.50	-10.00	39.50	-----	74.00	-----	34.50	-----	Peak
1 350.214	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 349.534	V	49.90	-10.00	39.90	-----	74.00	-----	34.10	-----	Peak
1 349.534	V	42.10	-10.00	-----	32.10	-----	54.00	-----	21.90	Average

Ch.60(5 300 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	51.00	-9.80	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 350.214	V	49.90	-10.00	39.90	-----	74.00	-----	34.10	-----	Peak
1 349.534	V	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average

Ch.64(5 320 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	49.90	-10.00	39.90	-----	74.00	-----	34.10	-----	Peak
1 349.534	H	41.70	-10.00	-----	31.70	-----	54.00	-----	22.30	Average
1 350.214	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	V	42.10	-10.00	-----	32.10	-----	54.00	-----	21.90	Average

Ch.100(5 500 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	49.90	-10.00	39.90	-----	74.00	-----	34.10	-----	Peak
1 349.534	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 349.534	V	50.00	-10.00	40.00	-----	74.00	-----	34.00	-----	Peak
1 349.534	V	42.50	-10.00	-----	32.50	-----	54.00	-----	21.50	Average

Ch.120(5 600 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 349.534	H	41.30	-10.00	-----	31.30	-----	54.00	-----	22.70	Average
1 350.214	V	50.60	-10.00	40.60	-----	74.00	-----	33.40	-----	Peak
1 349.534	V	42.30	-10.00	-----	32.30	-----	54.00	-----	21.70	Average

Ch.140(5 700 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	50.40	-9.80	40.60	-----	74.00	-----	33.40	-----	Peak
1 349.534	H	41.40	-10.00	-----	31.40	-----	54.00	-----	22.60	Average
1 349.534	V	49.60	-10.00	39.60	-----	74.00	-----	34.40	-----	Peak
1 350.214	V	42.30	-10.00	-----	32.30	-----	54.00	-----	21.70	Average

Ch.144(5 720 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.00	-10.00	40.00	-----	74.00	-----	34.00	-----	Peak
1 349.534	H	41.30	-10.00	-----	31.30	-----	54.00	-----	22.70	Average
1 349.534	V	49.60	-10.00	39.60	-----	74.00	-----	34.40	-----	Peak
1 349.534	V	42.60	-10.00	-----	32.60	-----	54.00	-----	21.40	Average

Ch.149(5 745 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.10	-10.00	40.10	-----	74.00	-----	33.90	-----	Peak
1 349.534	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 349.534	V	49.90	-10.00	39.90	-----	74.00	-----	34.10	-----	Peak
1 349.534	V	42.50	-10.00	-----	32.50	-----	54.00	-----	21.50	Average

Ch.157(5 785 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.70	-10.00	40.70	-----	74.00	-----	33.30	-----	Peak
1 349.534	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 350.214	V	50.80	-10.00	40.80	-----	74.00	-----	33.20	-----	Peak
1 349.534	V	42.50	-10.00	-----	32.50	-----	54.00	-----	21.50	Average

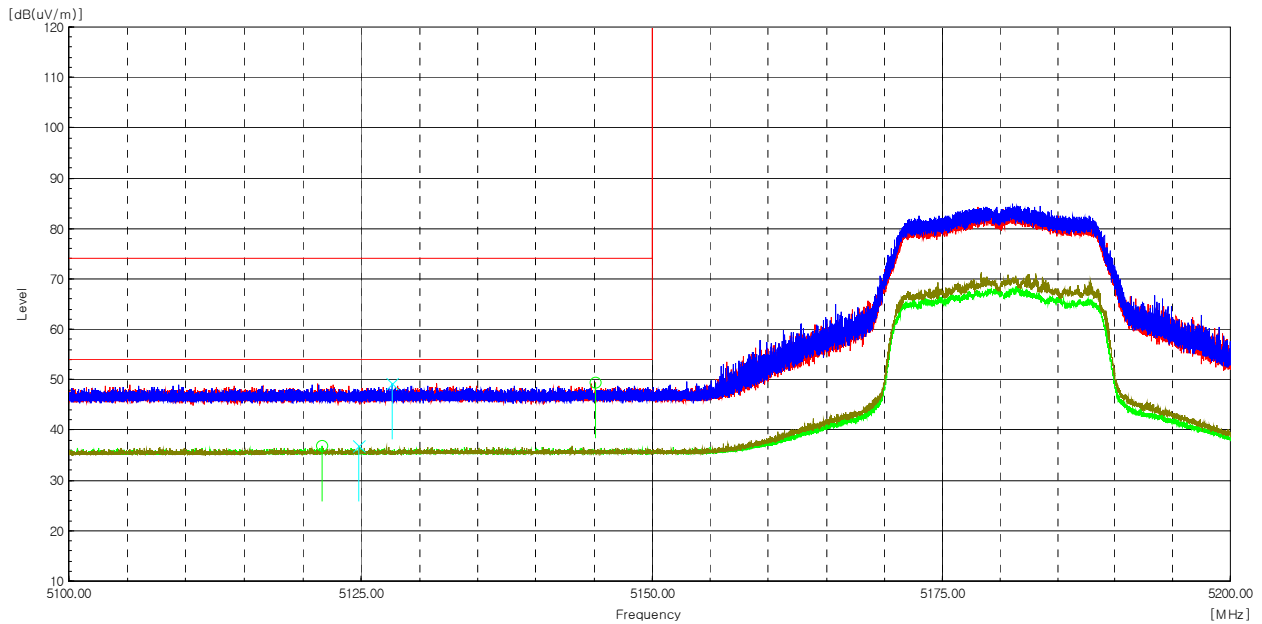
Ch.165(5 825 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	51.00	-9.80	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	H	41.50	-10.00	-----	31.50	-----	54.00	-----	22.50	Average
1 349.534	V	49.60	-10.00	39.60	-----	74.00	-----	34.40	-----	Peak
1 349.534	V	42.50	-10.00	-----	32.50	-----	54.00	-----	21.50	Average

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z 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 18 GHz end had no signal detected.

Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36



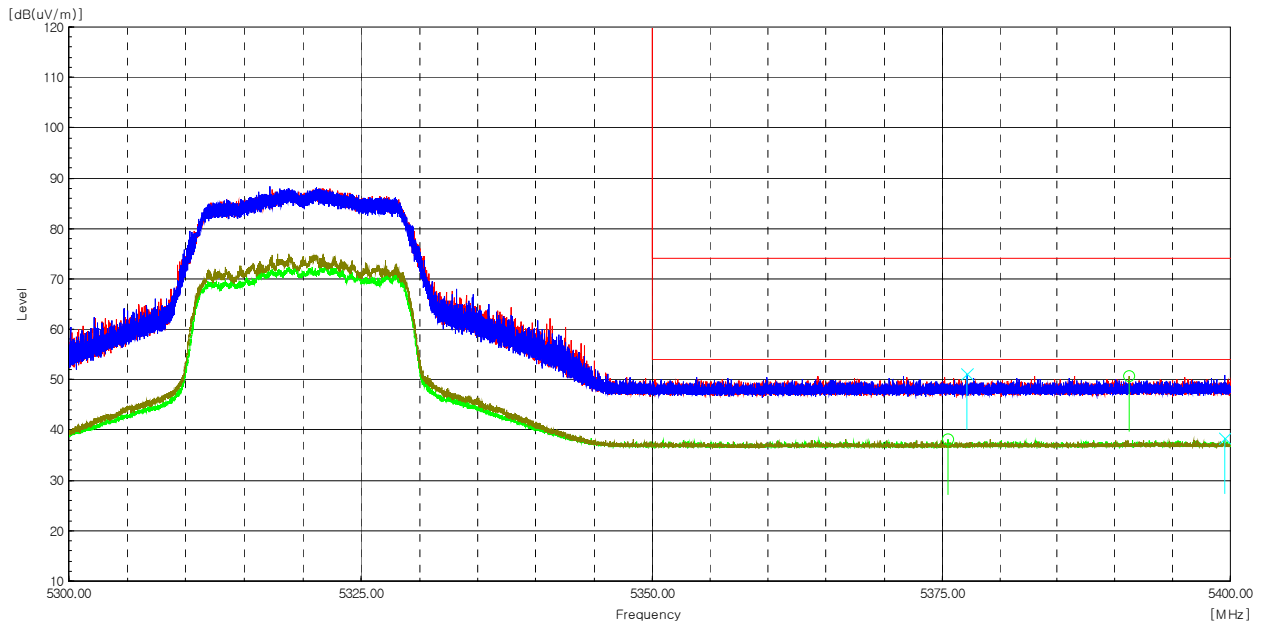
Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
5 145.100	H	46.80	2.60	49.40	-----	74.00	-----	24.60	-----	Peak
5 121.600	H	34.20	2.60	-----	36.80	-----	54.00	-----	17.20	Average
5 127.600	V	46.60	2.60	49.20	-----	74.00	-----	24.80	-----	Peak
5 124.800	V	34.20	2.60	-----	36.80	-----	54.00	-----	17.20	Average

Radiated Restricted Band Edge Plot

Remarks

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

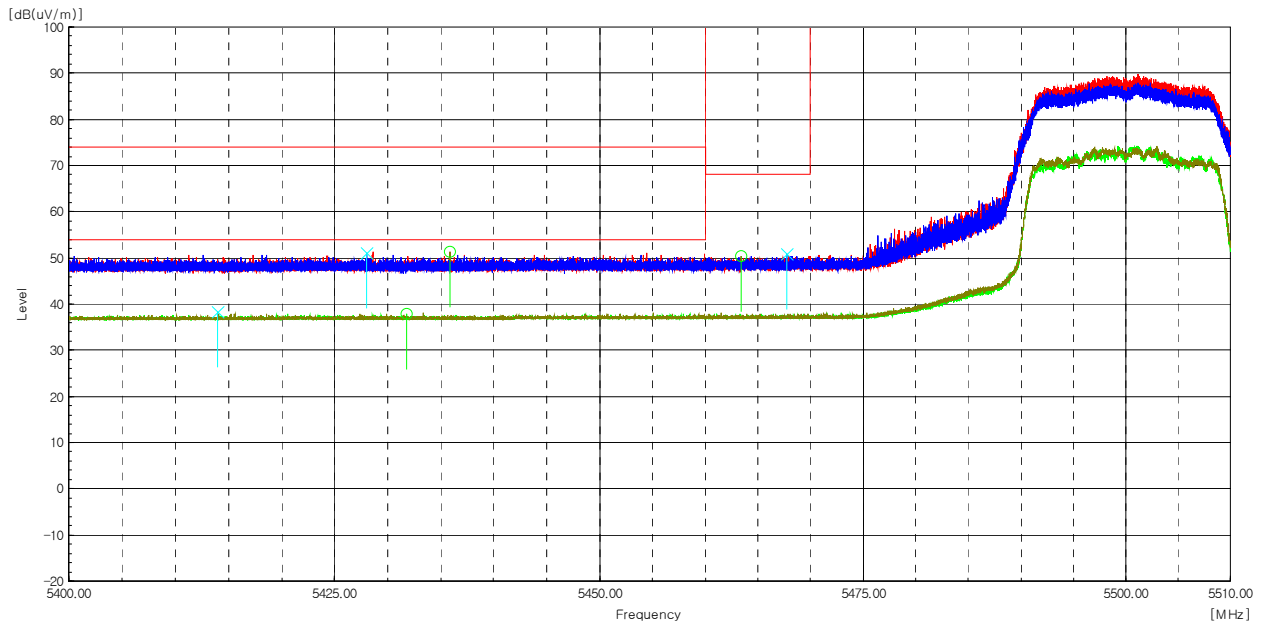
Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64



Frequency [MHz]	(P)	Reading [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]	Note
5 391.300	H	47.40	3.30	50.70	-----	74.00	-----	23.30	-----	Peak
5 375.500	H	34.90	3.30	-----	38.20	-----	54.00	-----	15.80	Average
5 377.200	V	47.80	3.30	51.10	-----	74.00	-----	22.90	-----	Peak
5 399.500	V	35.00	3.30	-----	38.30	-----	54.00	-----	15.70	Average

Radiated Restricted Band Edge Plot

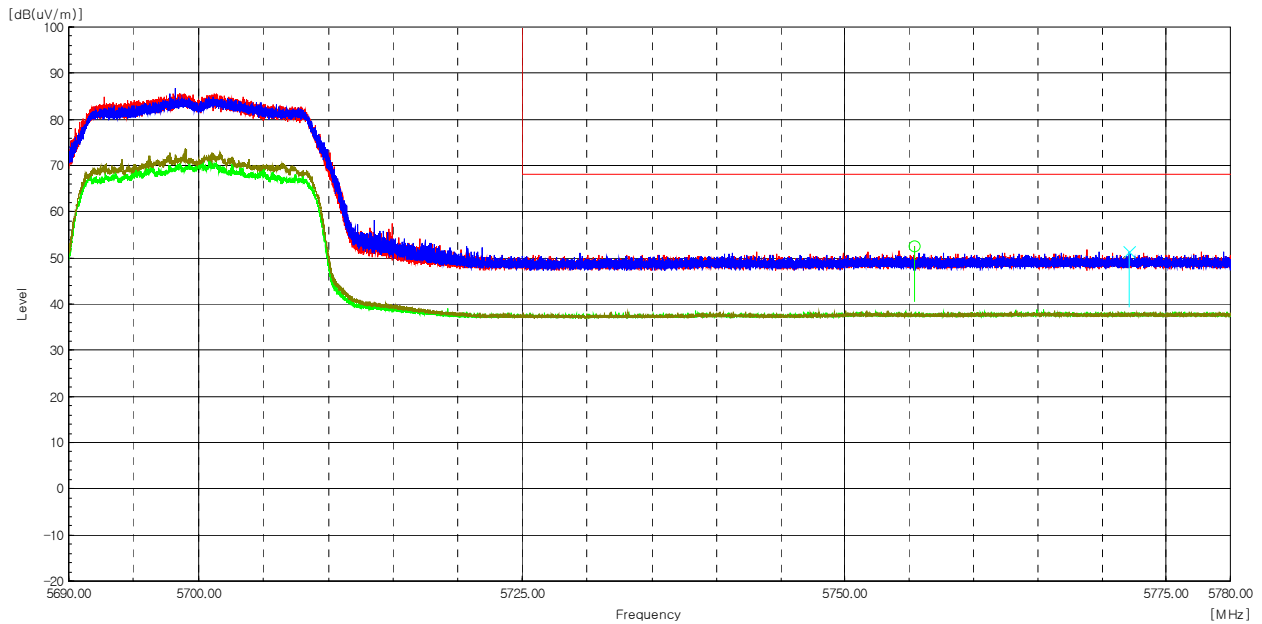
Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [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]	Note
5 463.390	H	46.80	3.70	50.50	-----	68.20	-----	17.70	-----	Peak
5 467.750	V	47.20	3.70	50.90	-----	68.20	-----	17.30	-----	Peak
5 435.910	H	47.90	3.50	51.40	-----	74.00	-----	22.60	-----	Peak
5 431.750	H	34.40	3.50	-----	37.90	-----	54.00	-----	16.10	Average
5 428.050	V	47.50	3.50	51.00	-----	74.00	-----	23.00	-----	Peak
5 413.970	V	34.80	3.40	-----	38.20	-----	54.00	-----	15.80	Average

Radiated Restricted Band Edge Plot

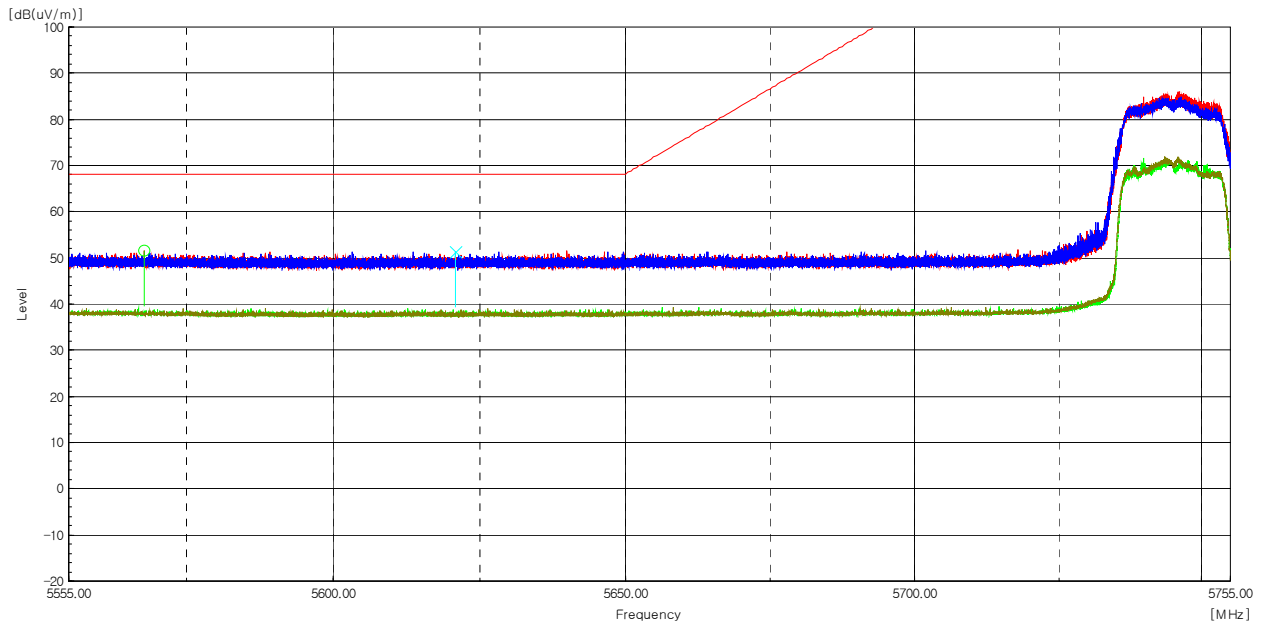
Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



Frequency [MHz]	(P)	Reading [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]	Note
5 755.440	H	48.00	4.50	52.50	-----	68.20	-----	15.70	-----	Peak
5 772.110	V	46.90	4.50	51.40	-----	68.20	-----	16.80	-----	Peak

Radiated Restricted Band Edge Plot

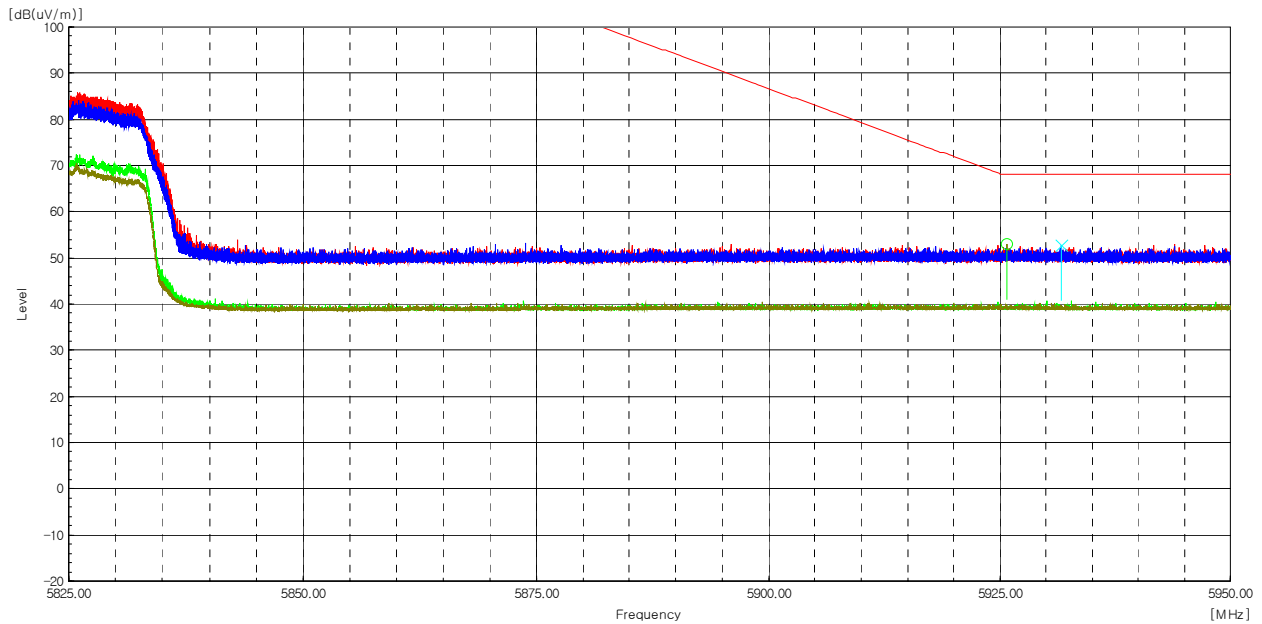
Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 745 MHz
Channel :	149



Frequency [MHz]	(P)	Reading [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]	Note
5 567.770	H	47.50	4.10	51.60	-----	68.20	-----	16.60	-----	Peak
5 620.880	V	47.30	4.10	51.40	-----	68.20	-----	16.80	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 825 MHz
Channel :	165



Frequency [MHz]	(P)	Reading [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]	Note
5 925.730	H	48.00	5.00	53.00	-----	68.20	-----	15.20	-----	Peak
5 931.650	V	47.70	5.00	52.70	-----	68.20	-----	15.50	-----	Peak

Radiated Restricted Band Edge Plot

Test mode : Transmitter, 802.11n_HT40

The requirements are:

☒ Complies

Test Data

Ch.38(5 190 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 349.534	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 350.214	V	50.80	-10.00	40.80	-----	74.00	-----	33.20	-----	Peak
1 350.214	V	42.70	-10.00	-----	32.70	-----	54.00	-----	21.30	Average

Ch.46(5 230 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.60	-10.00	40.60	-----	74.00	-----	33.40	-----	Peak
1 349.534	H	42.40	-10.00	-----	32.40	-----	54.00	-----	21.60	Average
1 349.534	V	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 349.534	V	41.70	-10.00	-----	31.70	-----	54.00	-----	22.30	Average

Ch.54(5 270 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.00	-10.00	41.00	-----	74.00	-----	33.00	-----	Peak
1 349.534	H	42.30	-10.00	-----	32.30	-----	54.00	-----	21.70	Average
1 349.534	V	50.80	-10.00	40.80	-----	74.00	-----	33.20	-----	Peak
1 349.534	V	41.70	-10.00	-----	31.70	-----	54.00	-----	22.30	Average

Ch.62(5 310 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.30	-10.00	41.30	-----	74.00	-----	32.70	-----	Peak
1 350.214	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 350.214	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	V	42.70	-10.00	-----	32.70	-----	54.00	-----	21.30	Average

Ch.102(5 510 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 349.534	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 349.534	V	51.20	-10.00	41.20	-----	74.00	-----	32.80	-----	Peak
1 350.214	V	42.70	-10.00	-----	32.70	-----	54.00	-----	21.30	Average

Ch.118(5 590 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.00	-10.00	41.00	-----	74.00	-----	33.00	-----	Peak
1 350.214	H	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average
1 349.534	V	50.30	-10.00	40.30	-----	74.00	-----	33.70	-----	Peak
1 350.214	V	42.70	-10.00	-----	32.70	-----	54.00	-----	21.30	Average

Ch.134(5 670 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 349.534	H	42.10	-10.00	-----	32.10	-----	54.00	-----	21.90	Average
1 350.214	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 350.214	V	42.70	-10.00	-----	32.70	-----	54.00	-----	21.30	Average

Ch.142(5 710 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 349.534	H	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average
1 350.214	V	50.70	-10.00	40.70	-----	74.00	-----	33.30	-----	Peak
1 349.534	V	42.90	-10.00	-----	32.90	-----	54.00	-----	21.10	Average

Ch.151(5 755 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.20	-10.00	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 349.534	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	V	42.80	-10.00	-----	32.80	-----	54.00	-----	21.20	Average

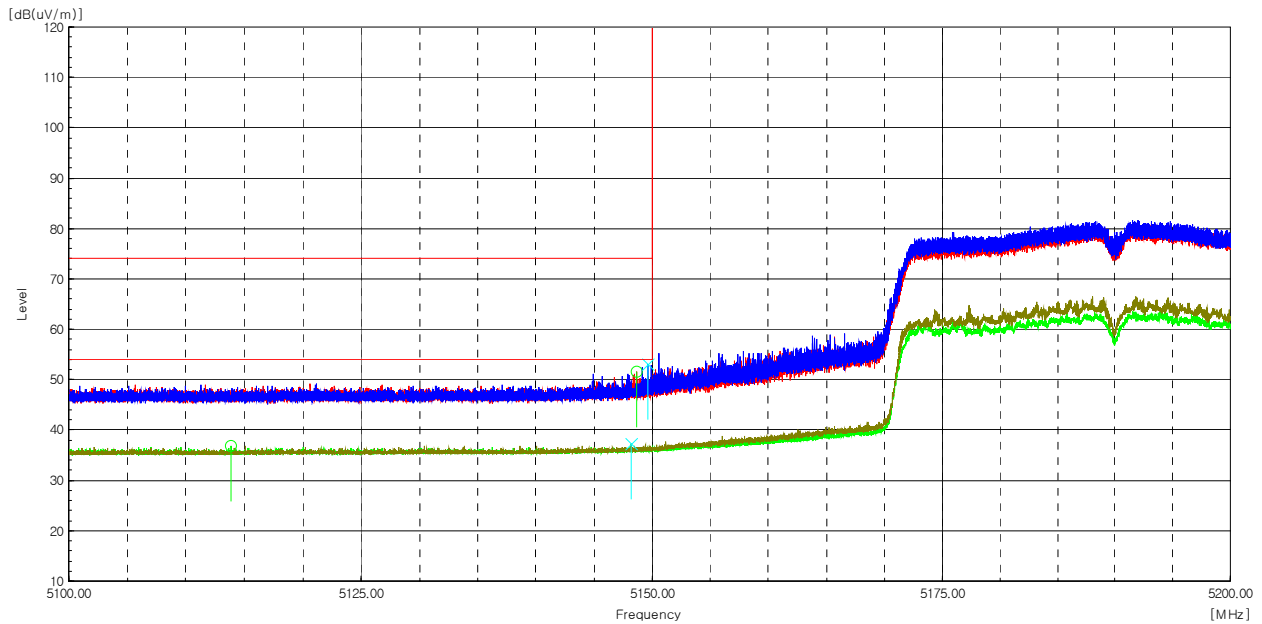
Ch.159(5 795 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.70	-10.00	40.70	-----	74.00	-----	33.30	-----	Peak
1 349.534	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 349.534	V	50.70	-10.00	40.70	-----	74.00	-----	33.30	-----	Peak
1 350.214	V	42.60	-10.00	-----	32.60	-----	54.00	-----	21.40	Average

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z 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 18 GHz end had no signal detected.

Worst Case Mode :	802.11n_HT40
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 190 MHz
Channel :	38



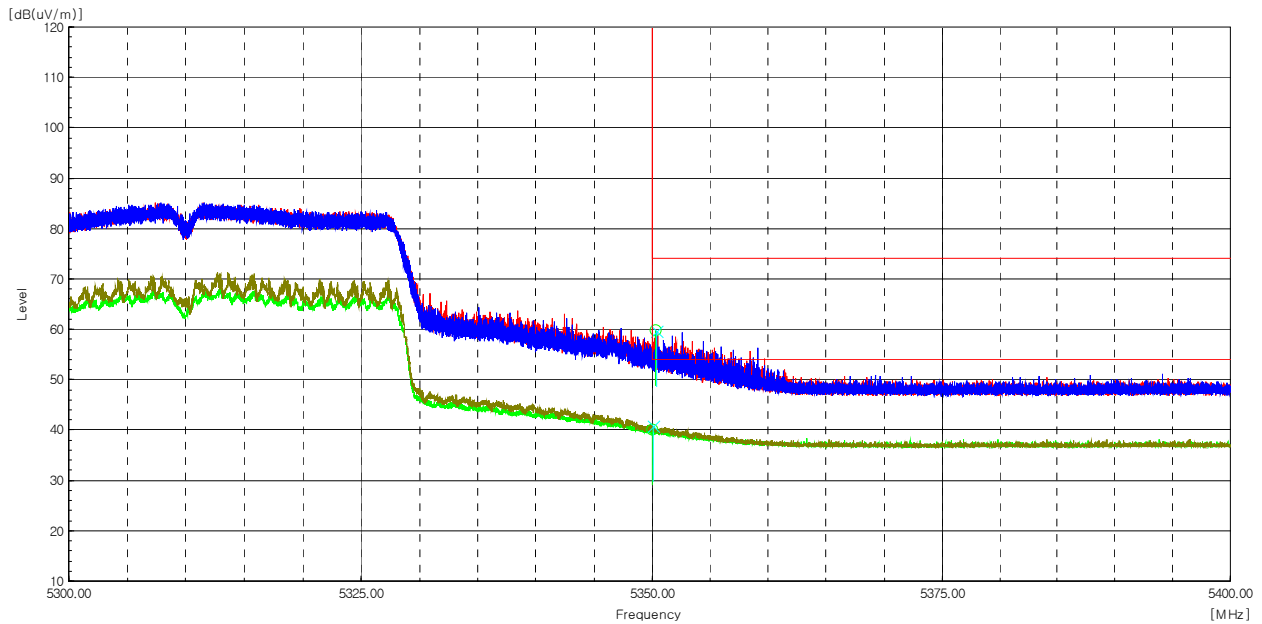
Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
5 148.69	H	49.00	2.60	51.60	-----	74.00	-----	22.40	-----	Peak
5 113.90	H	34.20	2.60	-----	36.80	-----	54.00	-----	17.20	Average
5 149.63	V	50.50	2.60	53.10	-----	74.00	-----	20.90	-----	Peak
5 148.21	V	34.60	2.60	-----	37.20	-----	54.00	-----	16.80	Average

Radiated Restricted Band Edge Plot

Remarks

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

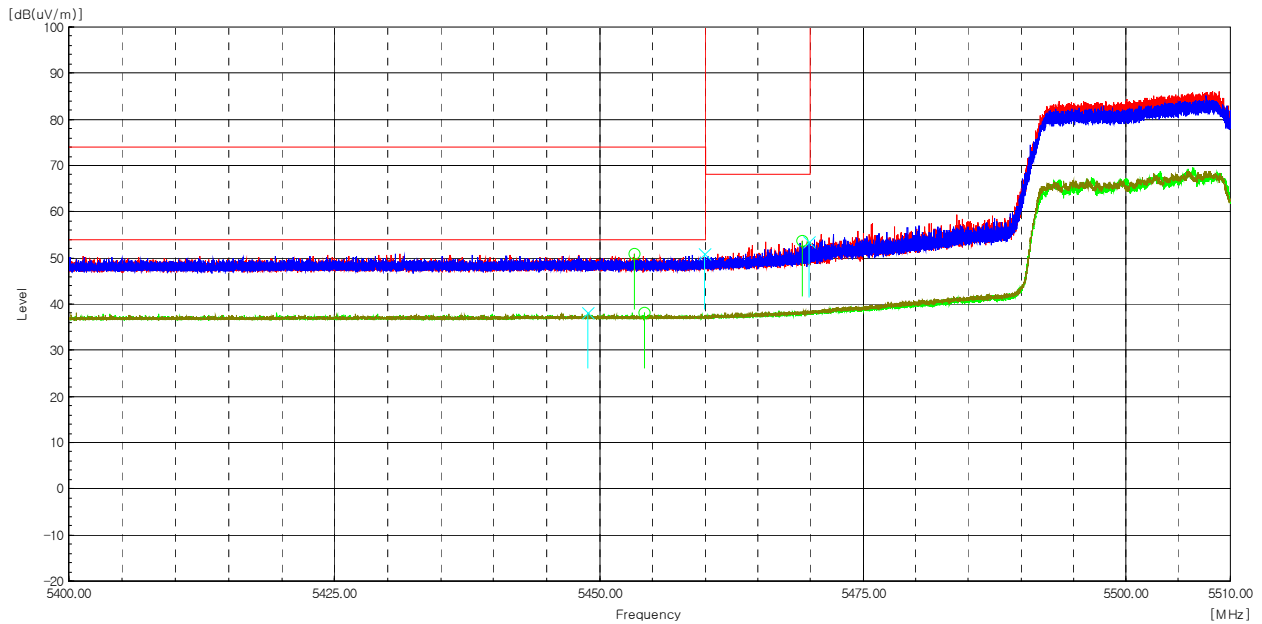
Worst Case Mode :	802.11n_HT40
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 310 MHz
Channel :	62



Frequency [MHz]	(P)	Reading [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]	Note
5 350.290	H	56.70	3.20	59.90	-----	74.00	-----	14.10	-----	Peak
5 350.040	H	37.00	3.20	-----	40.20	-----	54.00	-----	13.80	Average
5 350.390	V	56.40	3.20	59.60	-----	74.00	-----	14.40	-----	Peak
5 350.070	V	37.60	3.20	-----	40.80	-----	54.00	-----	13.20	Average

Radiated Restricted Band Edge Plot

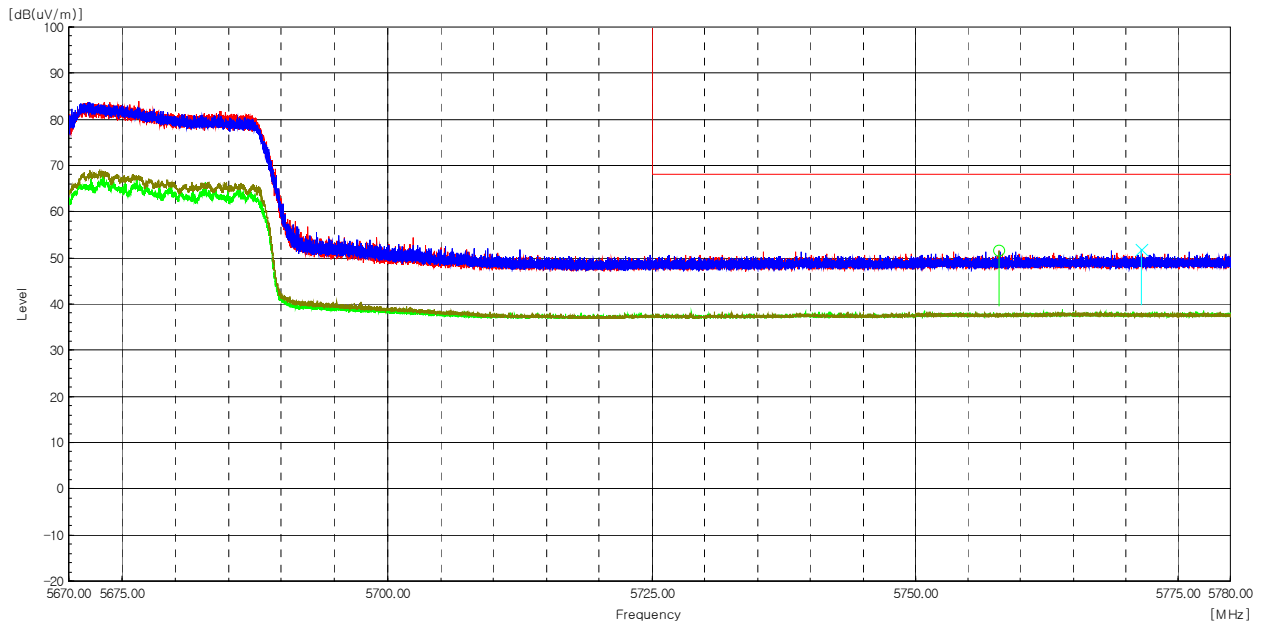
Worst Case Mode :	802.11n_HT40
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 510 MHz
Channel :	102



Frequency [MHz]	(P)	Reading [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]	Note
5 469.210	H	49.90	3.70	53.60	-----	68.20	-----	14.60	-----	Peak
5 469.890	V	49.80	3.70	53.50	-----	68.20	-----	14.70	-----	Peak
5 453.300	H	47.20	3.60	50.80	-----	74.00	-----	23.20	-----	Peak
5 454.210	H	34.50	3.60	-----	38.10	-----	54.00	-----	15.90	Average
5 459.980	V	47.20	3.60	50.80	-----	74.00	-----	23.20	-----	Peak
5 448.880	V	34.60	3.60	-----	38.20	-----	54.00	-----	15.80	Average

Radiated Restricted Band Edge Plot

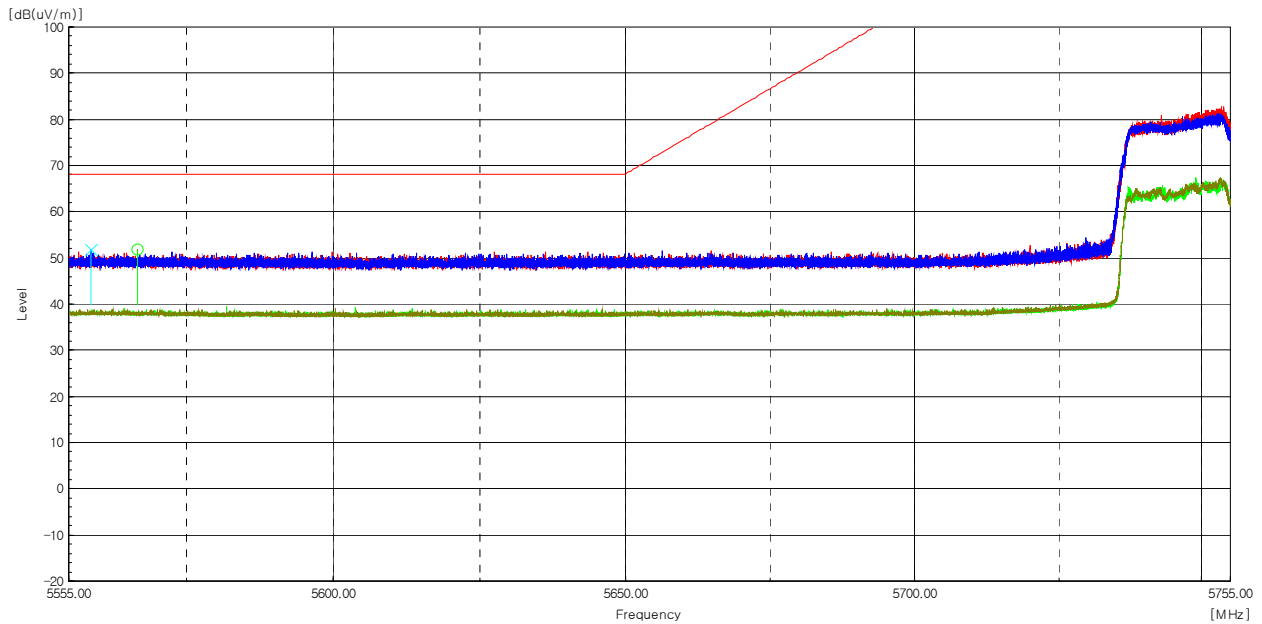
Worst Case Mode :	802.11n_HT40
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 670 MHz
Channel :	134



Frequency [MHz]	(P)	Reading [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]	Note
5 757.910	H	47.00	4.50	51.50	-----	68.20	-----	16.70	-----	Peak
5 771.470	V	47.40	4.50	51.90	-----	68.20	-----	16.30	-----	Peak

Radiated Restricted Band Edge Plot

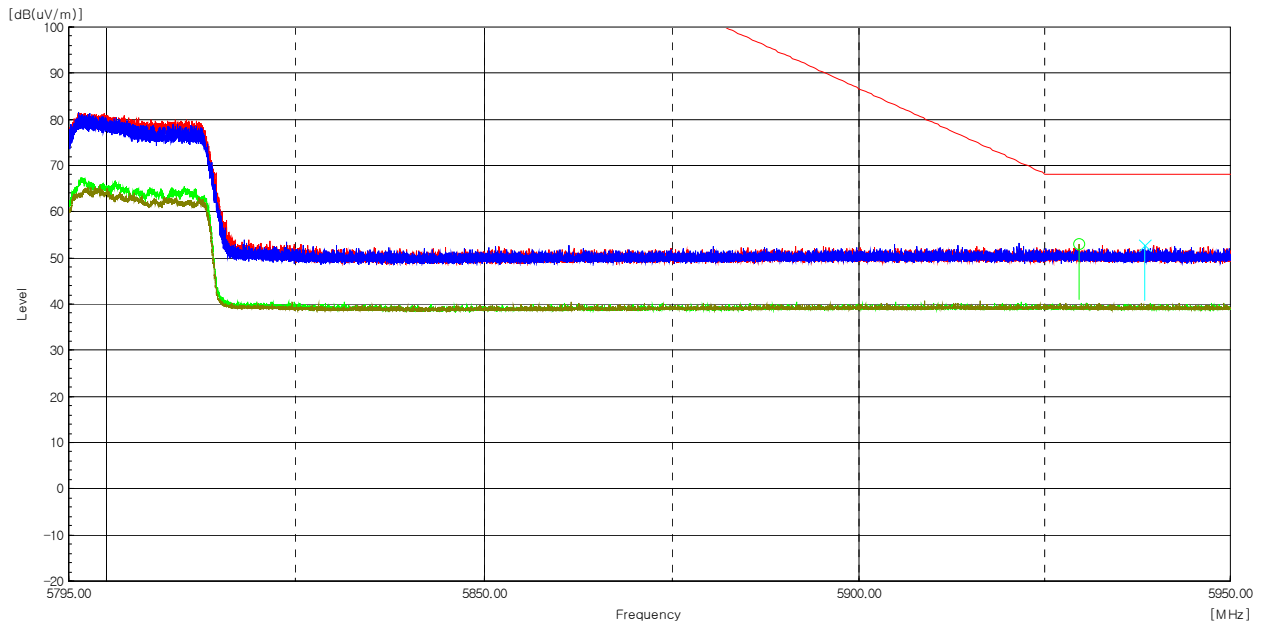
Worst Case Mode :	802.11n_HT40
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 755 MHz
Channel :	151



Frequency [MHz]	(P)	Reading [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]	Note
5 566.750	H	47.60	4.10	51.70	-----	68.2	-----	16.5	-----	Peak
5 558.770	V	47.70	4.10	51.80	-----	68.2	-----	16.4	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11n_HT40
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 795 MHz
Channel :	159



Frequency [MHz]	(P)	Reading [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]	Note
5 929.570	H	48.10	5.00	53.10	-----	68.20	-----	15.10	-----	Peak
5 938.410	V	47.80	4.90	52.70	-----	68.20	-----	15.50	-----	Peak

Radiated Restricted Band Edge Plot

Test mode : Transmitter, 802.11ac_VHT40

The requirements are:

☒ Complies

Test Data

Ch.38(5 190 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	H	42.10	-10.00	-----	32.10	-----	54.00	-----	21.90	Average
1 439.978	V	50.30	-9.80	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	V	42.80	-10.00	-----	32.80	-----	54.00	-----	21.20	Average

Ch.46(5 230 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.30	-10.00	40.30	-----	74.00	-----	33.70	-----	Peak
1 349.534	H	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average
1 439.978	V	49.60	-9.80	39.80	-----	74.00	-----	34.20	-----	Peak
1 349.534	V	42.70	-10.00	-----	32.70	-----	54.00	-----	21.30	Average

Ch.54(5 270 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 349.534	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 350.214	V	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 350.214	V	42.60	-10.00	-----	32.60	-----	54.00	-----	21.40	Average

Ch.62(5 310 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 440.658	H	51.00	-9.80	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	H	41.70	-10.00	-----	31.70	-----	54.00	-----	22.30	Average
2 020.041	V	45.70	-5.10	40.60	-----	74.00	-----	33.40	-----	Peak
1 349.534	V	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average

Ch.102(5 510 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 439.978	H	52.50	-9.80	42.70	-----	74.00	-----	31.30	-----	Peak
1 350.214	H	42.00	-10.00	-----	32.00	-----	54.00	-----	22.00	Average
1 350.214	V	50.30	-10.00	40.30	-----	74.00	-----	33.70	-----	Peak
1 350.214	V	43.10	-10.00	-----	33.10	-----	54.00	-----	20.90	Average

Ch.118(5 590 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 349.534	H	42.20	-10.00	-----	32.20	-----	54.00	-----	21.80	Average
1 350.214	V	50.60	-10.00	40.60	-----	74.00	-----	33.40	-----	Peak
1 350.214	V	43.60	-10.00	-----	33.60	-----	54.00	-----	20.40	Average

Ch.134(5 670 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	51.00	-10.00	41.00	-----	74.00	-----	33.00	-----	Peak
1 349.534	H	42.20	-10.00	-----	32.20	-----	54.00	-----	21.80	Average
1 350.214	V	50.30	-10.00	40.30	-----	74.00	-----	33.70	-----	Peak
1 349.534	V	43.80	-10.00	-----	33.80	-----	54.00	-----	20.20	Average

Ch.142(5 710 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.20	-10.00	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	H	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average
1 350.214	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 350.214	V	43.20	-10.00	-----	33.20	-----	54.00	-----	20.80	Average

Ch.151(5 755 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.20	-10.00	41.20	-----	74.00	-----	32.80	-----	Peak
3 836.393	H	37.40	0.00	-----	37.40	-----	54.00	-----	16.60	Average
1 350.214	V	51.00	-10.00	41.00	-----	74.00	-----	33.00	-----	Peak
1 349.534	V	43.60	-10.00	-----	33.60	-----	54.00	-----	20.40	Average

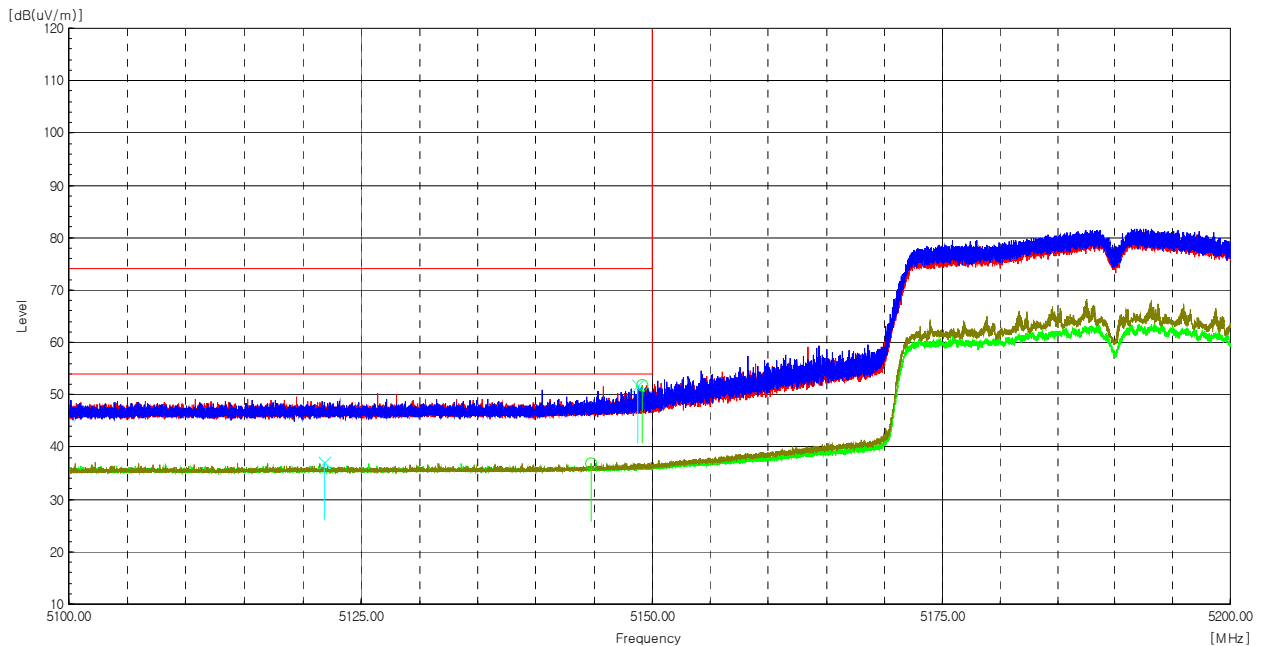
Ch.159(5 795 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	51.20	-10.00	41.20	-----	74.00	-----	32.80	-----	Peak
3 862.914	H	34.50	0.10	-----	34.60	-----	54.00	-----	19.40	Average
1 349.534	V	51.10	-10.00	41.10	-----	74.00	-----	32.90	-----	Peak
1 349.534	V	43.50	-10.00	-----	33.50	-----	54.00	-----	20.50	Average

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z 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 18 GHz end had no signal detected.

Worst Case Mode :	802.11ac_VHT40
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 190 MHz
Channel :	38



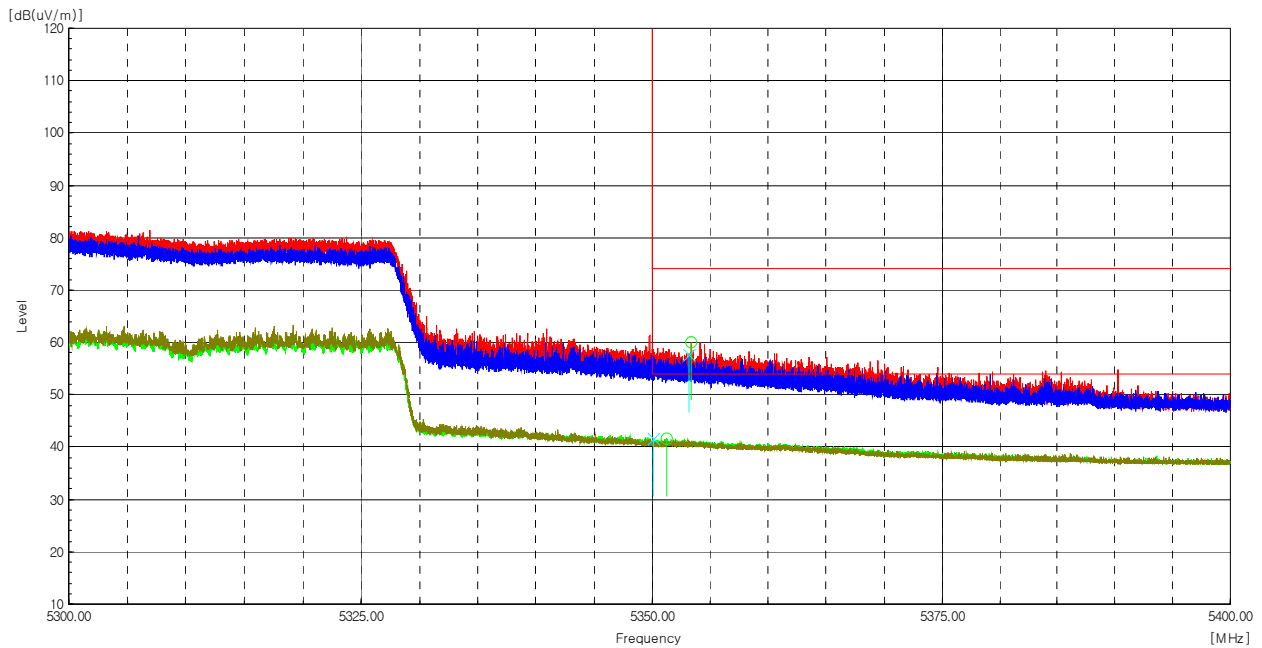
Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
5 149.11	H	49.30	2.60	51.90	-----	74.00	-----	22.10	-----	Peak
5 144.71	H	34.30	2.60	-----	36.90	-----	54.00	-----	17.10	Average
5 148.75	V	49.30	2.60	51.90	-----	74.00	-----	22.10	-----	Peak
5 121.85	V	34.50	2.60	-----	37.10	-----	54.00	-----	16.90	Average

Radiated Restricted Band Edge Plot

Remarks

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

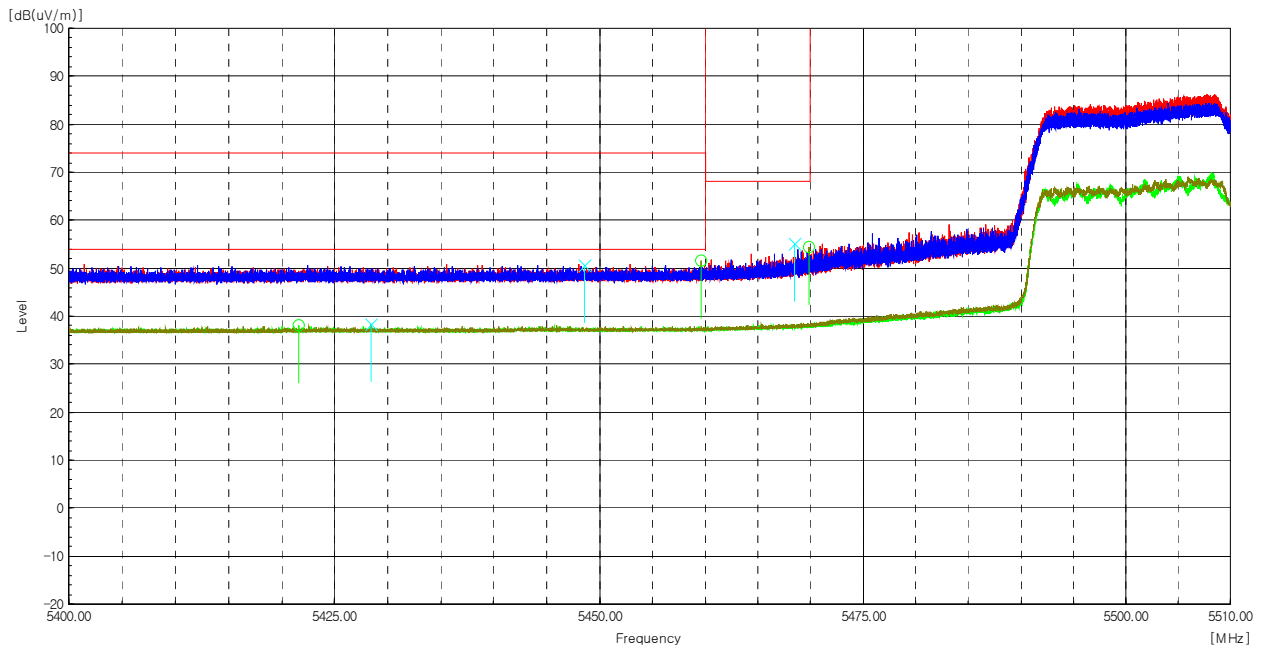
Worst Case Mode :	802.11ac_VHT40
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 310 MHz
Channel :	62



Frequency [MHz]	(P)	Reading [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]	Note
5 353.35	H	56.80	3.20	60.00	-----	74.00	-----	14.00	-----	Peak
5 351.25	H	38.50	3.20	-----	41.70	-----	54.00	-----	12.30	Average
5 353.15	V	54.30	3.20	57.50	-----	74.00	-----	16.50	-----	Peak
5 350.09	V	38.40	3.20	-----	41.60	-----	54.00	-----	12.40	Average

Radiated Restricted Band Edge Plot

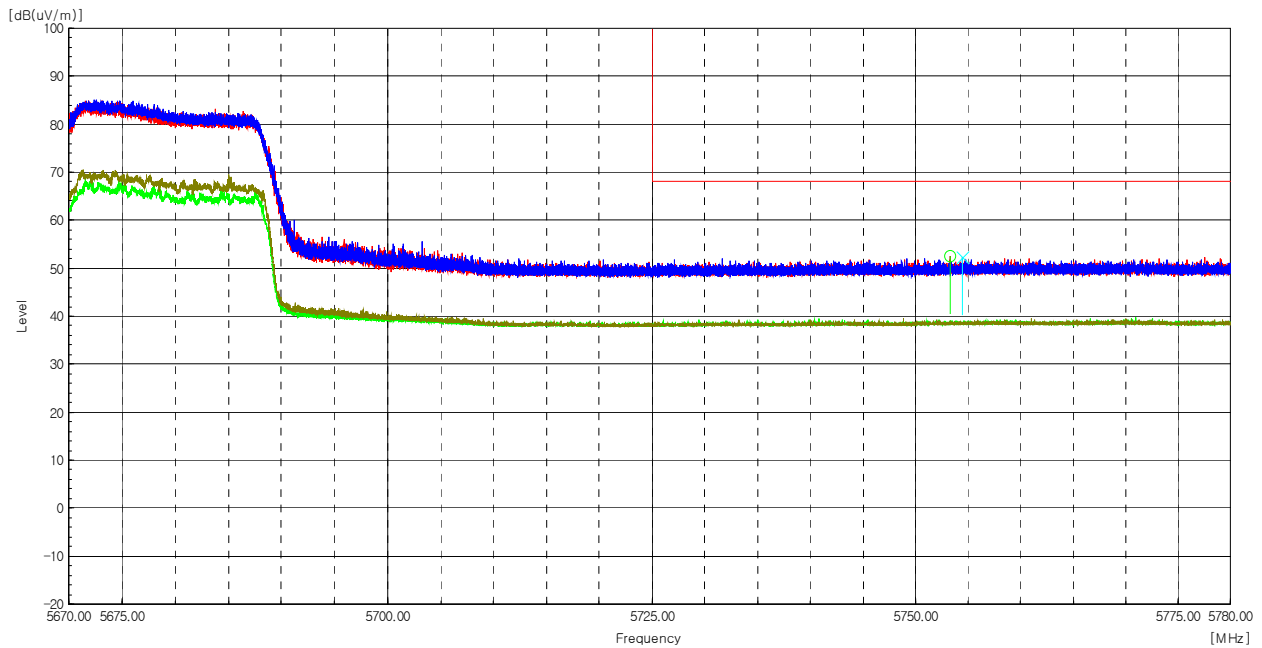
Worst Case Mode :	802.11ac_VHT40
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 510 MHz
Channel :	102



Frequency [MHz]	(P)	Reading [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]	Note
5 469.810	H	50.70	3.70	54.40	-----	68.20	-----	13.80	-----	Peak
5 468.450	V	51.30	3.70	55.00	-----	68.20	-----	13.20	-----	Peak
5 459.580	H	47.90	3.60	51.50	-----	74.00	-----	22.50	-----	Peak
5 421.590	H	34.50	3.50	-----	38.00	-----	54.0	-----	16.00	Average
5 448.530	V	47.10	3.60	50.70	-----	74.00	-----	23.30	-----	Peak
5 428.400	V	34.80	3.50	-----	38.30	-----	54.0	-----	15.70	Average

Radiated Restricted Band Edge Plot

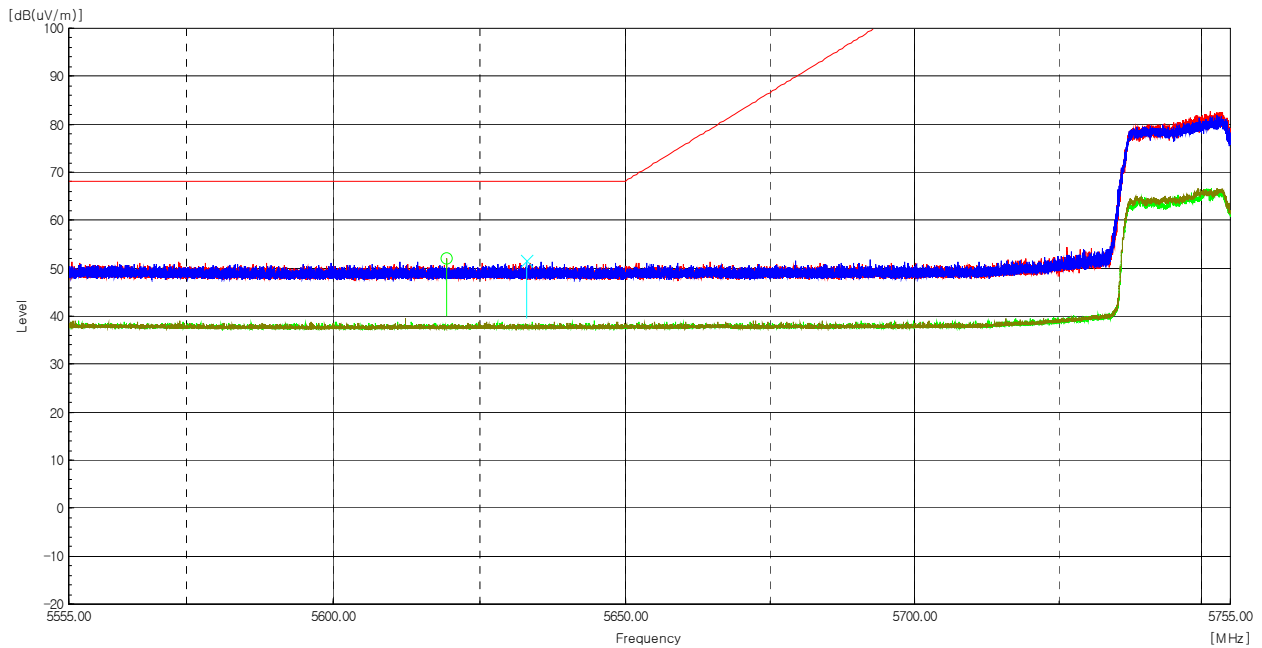
Worst Case Mode :	802.11ac_VHT40
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 670 MHz
Channel :	134



Frequency [MHz]	(P)	Reading [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]	Note
5 753.270	H	48.00	4.50	52.50	-----	68.20	-----	15.70	-----	Peak
5 754.490	V	47.70	4.50	52.20	-----	68.20	-----	16.00	-----	Peak

Radiated Restricted Band Edge Plot

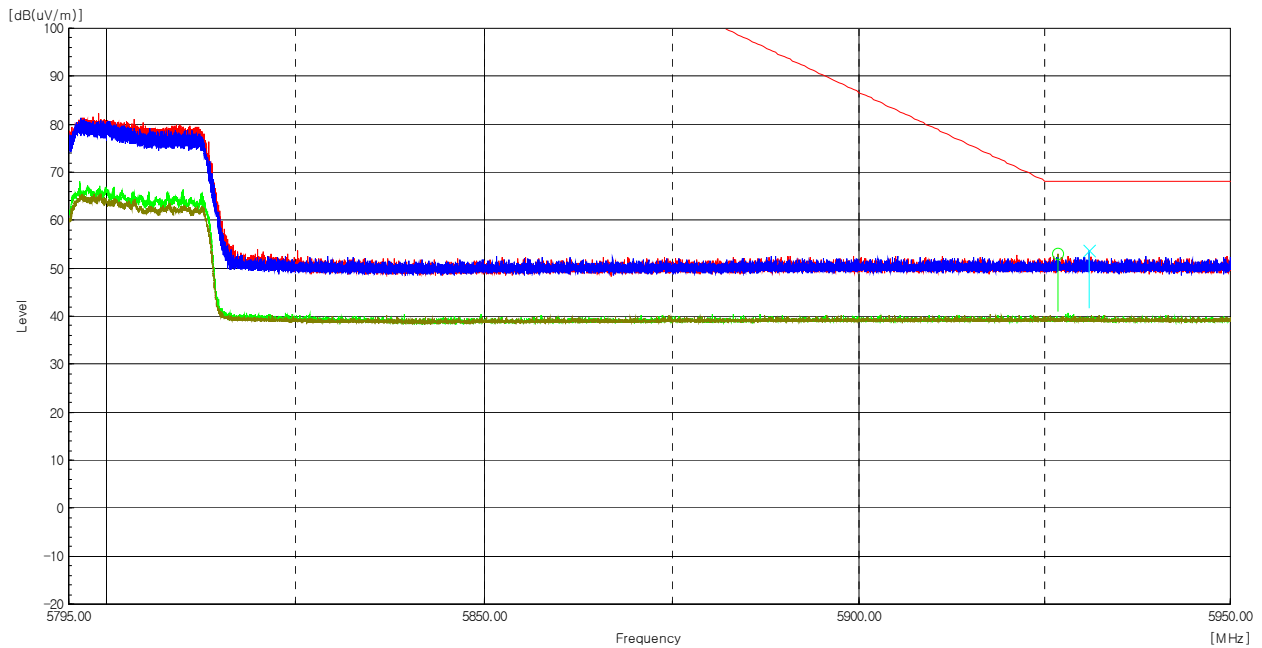
Worst Case Mode :	802.11ac_VHT40
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 755 MHz
Channel :	151



Frequency [MHz]	(P)	Reading [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]	Note
5 619.32	H	47.90	4.10	52.00	-----	68.20	-----	16.20	-----	Peak
5 632.92	V	47.40	4.10	51.50	-----	68.20	-----	16.70	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11ac_VHT40
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 795 MHz
Channel :	159



Frequency [MHz]	(P)	Reading [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]	Note
5 926.770	H	48.00	5.00	53.00	-----	68.20	-----	15.20	-----	Peak
5 930.920	V	48.70	5.00	53.70	-----	68.20	-----	14.50	-----	Peak

Radiated Restricted Band Edge Plot

Test mode : Transmitter, 802.11ac_VHT80

The requirements are:

☒ Complies

Test Data

Ch.42(5 210 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	52.20	-10.00	42.20	-----	74.00	-----	31.80	-----	Peak
1 349.534	H	43.00	-10.00	-----	33.00	-----	54.00	-----	21.00	Average
1 350.214	V	51.20	-10.00	41.20	-----	74.00	-----	32.80	-----	Peak
1 349.534	V	44.00	-10.00	-----	34.00	-----	54.00	-----	20.00	Average

Ch.58(5 290 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.60	-10.00	40.60	-----	74.00	-----	33.40	-----	Peak
1 349.534	H	42.20	-10.00	-----	32.20	-----	54.00	-----	21.80	Average
1 349.534	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	V	43.10	-10.00	-----	33.10	-----	54.00	-----	20.90	Average

Ch.106(5 530 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	H	41.80	-10.00	-----	31.80	-----	54.00	-----	22.20	Average
1 350.214	V	50.50	-10.00	40.50	-----	74.00	-----	33.50	-----	Peak
1 349.534	V	43.50	-10.00	-----	33.50	-----	54.00	-----	20.50	Average

Ch.122(5 610 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.60	-10.00	40.60	-----	74.00	-----	33.40	-----	Peak
1 349.534	H	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average
1 350.214	V	50.20	-10.00	40.20	-----	74.00	-----	33.80	-----	Peak
1 350.214	V	43.10	-10.00	-----	33.10	-----	54.00	-----	20.90	Average

Ch.138(5 690 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 349.534	H	50.40	-10.00	40.40	-----	74.00	-----	33.60	-----	Peak
1 350.214	H	41.90	-10.00	-----	31.90	-----	54.00	-----	22.10	Average
1 349.534	V	50.10	-10.00	40.10	-----	74.00	-----	33.90	-----	Peak
1 349.534	V	43.30	-10.00	-----	33.30	-----	54.00	-----	20.70	Average

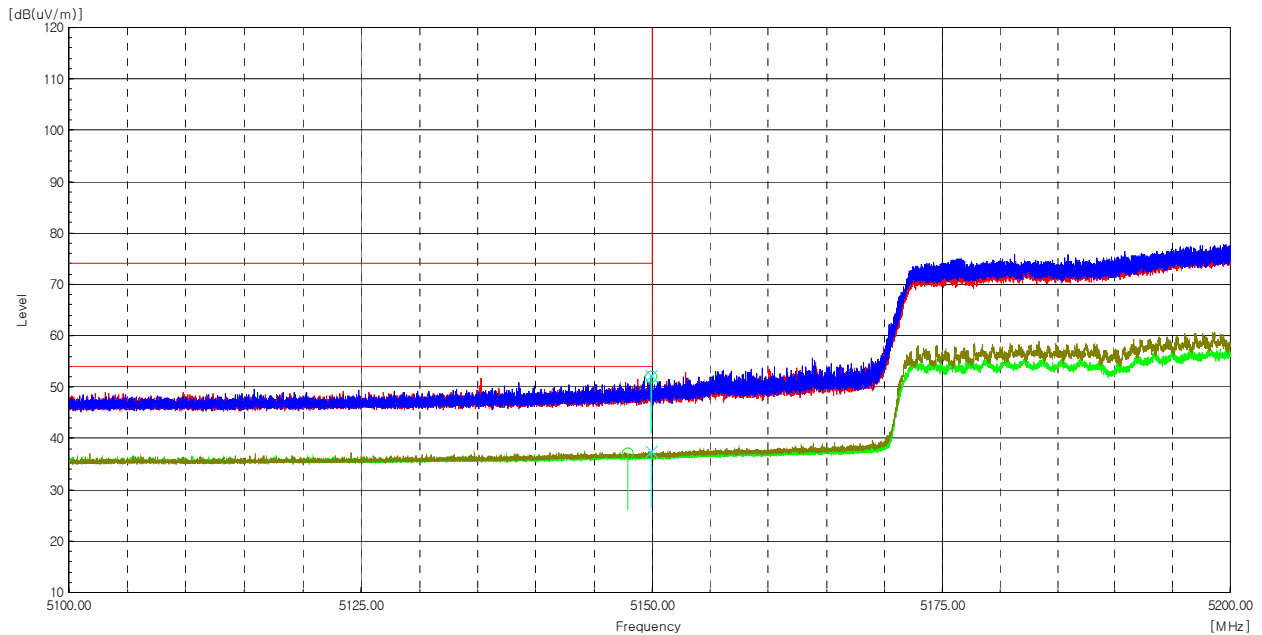
Ch.155(5 775 MHz)

Frequency [MHz]	(P)	Reading [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]	Note
1 350.214	H	50.80	-10.00	40.80	-----	74.00	-----	33.20	-----	Peak
1 349.534	V	50.20	-10.00	40.20	-----	74.00	-----	33.80	-----	Average
1 350.214	V	43.20	-10.00	-----	33.20	-----	54.00	-----	20.80	Peak
3 849.994	H	36.60	0.10	-----	36.70	-----	54.00	-----	17.30	Average

Remarks

1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Z 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 18 GHz end had no signal detected.

Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 210 MHz
Channel :	42



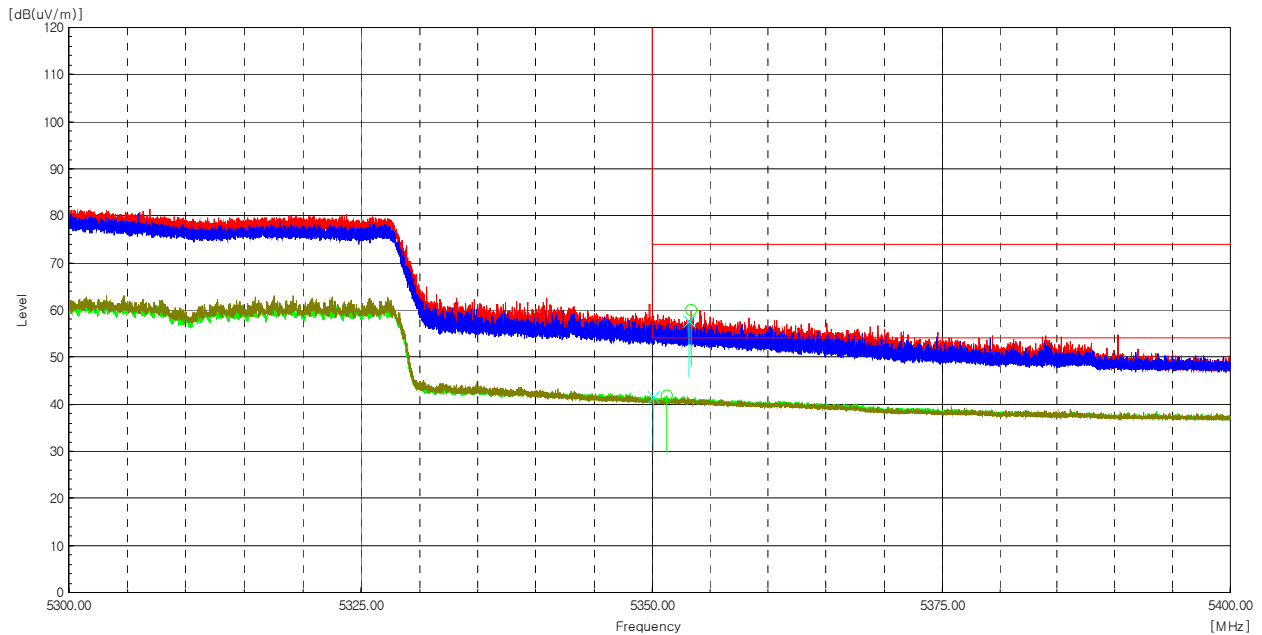
Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
5 149.930	H	49.40	2.60	52.00	-----	74.00	-----	22.00	-----	Peak
5 147.870	H	34.40	2.60	-----	37.00	-----	54.00	-----	17.00	Average
5 149.900	V	49.60	2.60	52.20	-----	74.00	-----	21.80	-----	Peak
5 149.910	V	35.00	2.60	-----	37.60	-----	54.00	-----	16.40	Average

Radiated Restricted Band Edge Plot

Remarks

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

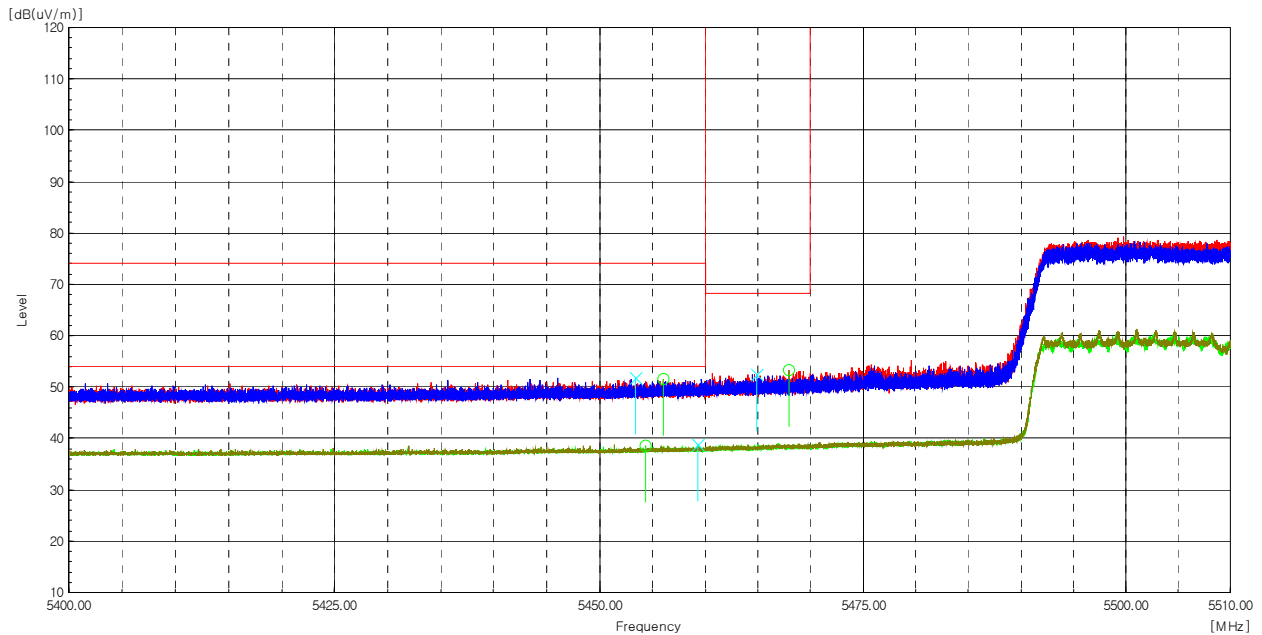
Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 290 MHz
Channel :	58



Frequency [MHz]	(P)	Reading [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]	Note
5 353.350	H	56.80	3.20	60.00	-----	74.00	-----	14.00	-----	Peak
5 351.250	H	38.50	3.20	-----	41.70	-----	54.00	-----	12.30	Average
5 353.150	V	54.30	3.20	57.50	-----	74.00	-----	16.50	-----	Peak
5 350.090	V	38.40	3.20	-----	41.60	-----	54.00	-----	12.40	Average

Radiated Restricted Band Edge Plot

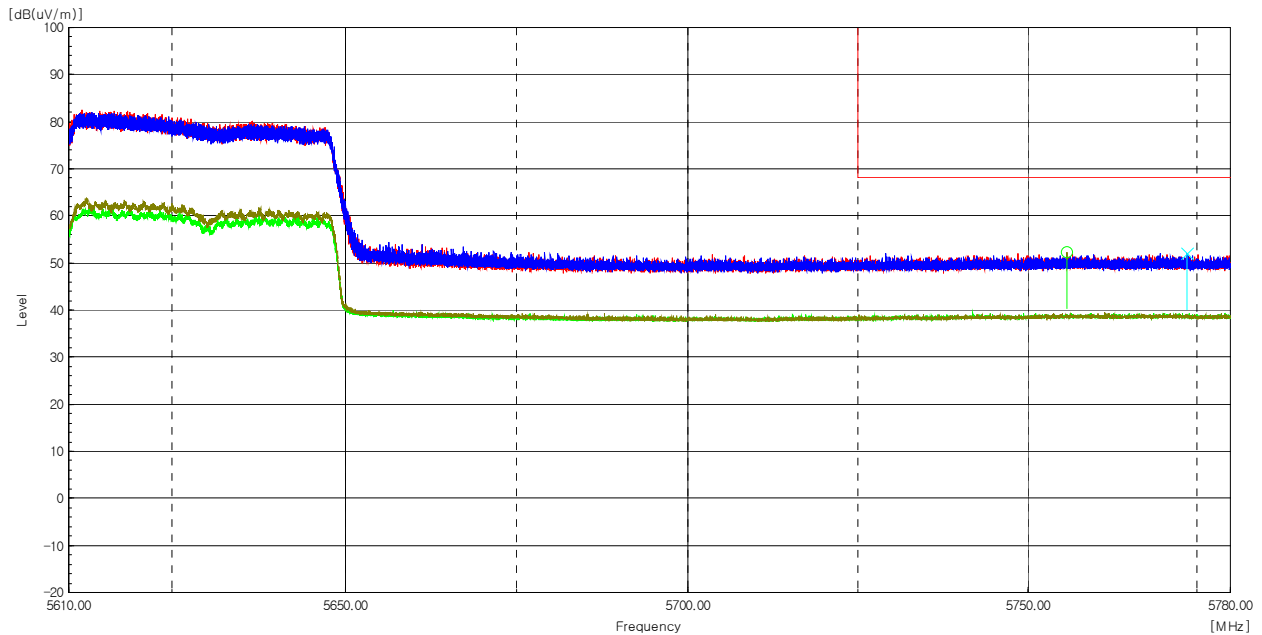
Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 530 MHz
Channel :	106



Frequency [MHz]	(P)	Reading [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]	Note
5 467.940	H	49.60	3.70	53.30	-----	68.20	-----	14.90	-----	Peak
5 464.900	V	48.80	3.70	52.50	-----	68.20	-----	15.70	6.10	Peak
5 456.020	H	47.90	3.60	51.50	-----	74.00	-----	22.50	-----	Peak
5 454.330	H	35.00	3.60	-----	38.60	-----	54.00	-----	8.70	Average
5 453.370	V	48.20	3.60	51.80	-----	74.00	-----	22.20	-----	Peak
5 459.340	V	35.30	3.60	-----	38.90	-----	54.00	-----	-----	Average

Radiated Restricted Band Edge Plot

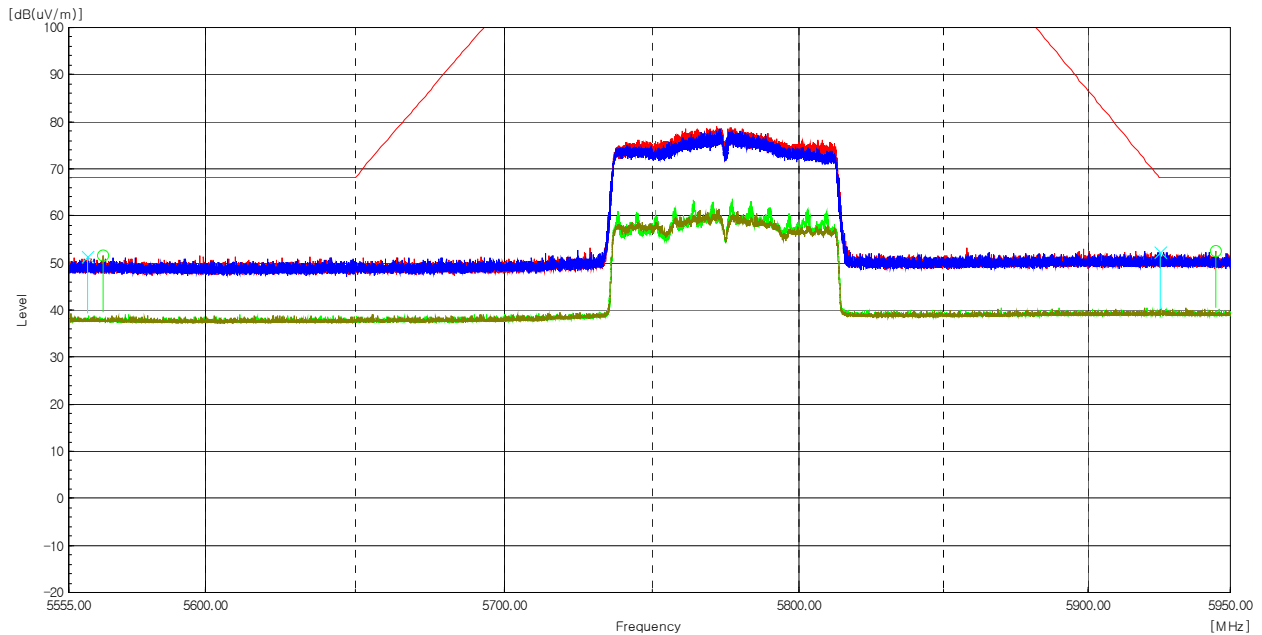
Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 610 MHz
Channel :	122



Frequency [MHz]	(P)	Reading [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]	Note
5 755.800	H	47.70	4.50	52.20	-----	68.20	-----	16.00	-----	Peak
5 773.490	V	47.50	4.50	52.00	-----	68.20	-----	16.20	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 775 MHz
Channel :	155



Frequency [MHz]	(P)	Reading [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]	Note
5 566.300	H	47.50	4.10	51.60	-----	68.20	-----	16.60	-----	Peak
5 561.130	V	47.20	4.10	51.30	-----	68.20	-----	16.90	-----	Peak
5 944.723	H	47.60	4.90	52.50	-----	68.20	-----	15.70	-----	Peak
5 925.272	V	47.30	5.00	52.30	-----	68.20	-----	15.90	-----	Peak

Radiated Restricted Band Edge Plot

Test Frequency Range : 18 GHz to 40 GHz

Frequency [MHz]	(P)	Reading [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]	Note
--------------------	-----	-------------------	------------------	------------------------	------------------------	------------------------	------------------------	----------------------	----------------------	------

No peak found

Remarks

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

4.7 AC Conducted Emissions

Test Location

Shielded Room

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

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

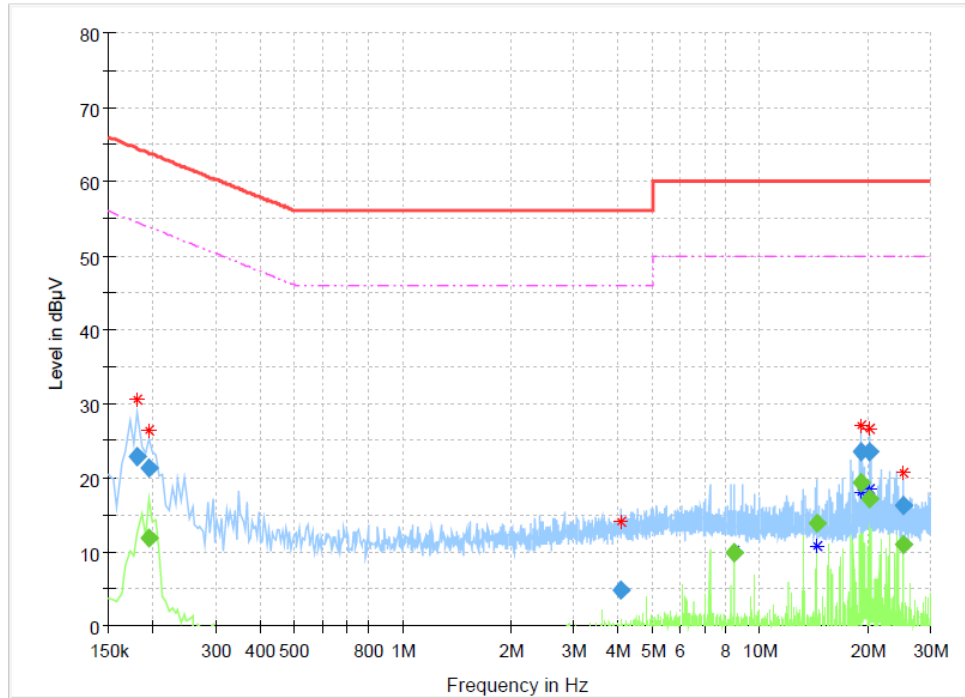
The requirements are:

☒ Complies

Test Data

[LINE]

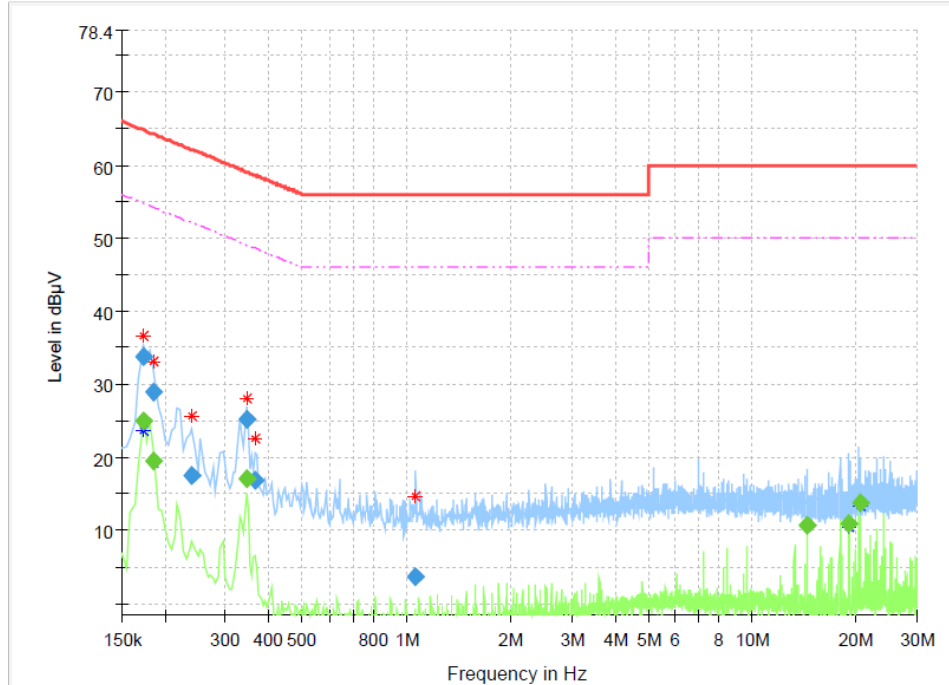
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.181500	22.84	---	64.42	41.58	15000.0	9.000	L1	ON	10.0
0.195000	---	11.92	53.82	41.90	15000.0	9.000	L1	ON	9.9
0.195000	21.22	---	63.82	42.60	15000.0	9.000	L1	ON	9.9
4.083000	4.73	---	56.00	51.27	15000.0	9.000	L1	ON	9.6
8.439000	---	9.86	50.00	40.14	15000.0	9.000	L1	ON	9.8
14.464500	---	13.92	50.00	36.08	15000.0	9.000	L1	ON	9.8
19.117500	---	19.42	50.00	30.58	15000.0	9.000	L1	ON	9.9
19.122000	23.47	---	60.00	36.53	15000.0	9.000	L1	ON	9.9
20.314500	---	17.24	50.00	32.76	15000.0	9.000	L1	ON	9.9
20.323500	23.63	---	60.00	36.37	15000.0	9.000	L1	ON	9.9
25.147500	16.28	---	60.00	43.72	15000.0	9.000	L1	ON	9.8
25.318500	---	10.91	50.00	39.09	15000.0	9.000	L1	ON	9.8

[NEUTRAL]
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.172500	---	25.07	54.84	29.77	15000.0	9.000	N	ON	9.9
0.172500	33.75	---	64.84	31.09	15000.0	9.000	N	ON	9.9
0.186000	---	19.47	54.21	34.74	15000.0	9.000	N	ON	9.9
0.186000	28.87	---	64.21	35.34	15000.0	9.000	N	ON	9.9
0.240000	17.48	---	62.10	44.62	15000.0	9.000	N	ON	9.7
0.343500	---	16.97	49.12	32.14	15000.0	9.000	N	ON	9.8
0.343500	25.32	---	59.12	33.80	15000.0	9.000	N	ON	9.8
0.366000	16.85	---	58.59	41.74	15000.0	9.000	N	ON	9.8
1.063500	3.57	---	56.00	52.43	15000.0	9.000	N	ON	9.8
14.469000	---	10.76	50.00	39.24	15000.0	9.000	N	ON	9.9
19.108500	---	10.84	50.00	39.17	15000.0	9.000	N	ON	10.0
20.494500	---	13.85	50.00	36.15	15000.0	9.000	N	ON	10.0

APPENDIX A – Test Equipment Used For Tests

	Name of Equipment	Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date
1	Signal Analyzer	Agilent	N9020A	MY50510240	2022-07-13	2023-07-13
2	Signal Generator	Rohde & Schwarz	SMB100A	175528	2023-03-22	2024-03-22
3	Dual-Tracking DC Power Supply	Topward Electric Instruments Co.,Ltd.	6303D	711196	2023-03-22	2024-03-22
4	EMI TEST RECEIVER	Rohde & Schwarz	ESW44	102039	2023-05-03	2024-05-03
5	BILOG ANTENNA	TESEQ	CBL6111D	60654	2021-09-03	2023-09-03
6	Active Loop Antenna	SCHWARZBECK	FMZB 1513	1513-125	2022-04-15	2024-04-15
7	6dB Attenuator	PASTERNAK	PE7AP006-06	L20210504000023	2022-08-10	2023-08-10
8	AMPLIFIER	SONOMA INSTRUMENT	310N	411011	2022-08-10	2023-08-10
9	Spectrum Analyzer	R&S	FSV40	101574	2023-01-11	2024-01-11
10	PRE AMPLIFIER	HP	8449B	3008A00620	2023-04-21	2024-04-21
11	Double Ridged Guide Antenna	ETS-Lindgren	3115	00078895	2023-04-13	2024-04-13
12	Double Ridged Guide Antenna	ETS-Lindgren	3115	00078894	2022-11-21	2023-11-21
13	HORN ANTENNA	SCHWARZBECK	BBHA9170	1153	2022-10-31	2023-10-31
14	LOW NOISE AMPLIFIER	TESTEK	TK-PA1840H	210124-L	2022-11-09	2023-11-09
15	Band Reject Filter	Micro Tronics	BRM50716	G184	2023-01-03	2024-01-03
16	EMI Test Receiver	R&S	ESR3	102826	2023-05-03	2024-05-03
17	LISN	R&S	ENV216	102698	2023-05-03	2024-05-03
18	Temp&Humi Chamber	ESPEC CORP.	SH-642	93016524	2023-11-07	2024-11-07
19	DC Power Supply	Agilent	E3632A	MY40009327	2023-03-27	2024-03-27

	Cable	Manufacturer	Model No.	Serial No.	Check Date
1	RF Cable (Conducted)	Junkosha Inc.	MWX221	1512S151	2023-05-11
2	RF Cable (Line Conducted)	Canare Corporation	L-5D2W	N/A	2023-05-03
3	RF Cable (9 kHz - 1 GHz Radiated)	HUBER+SUHNER	SUCOFLEX 104	MY27558/4	2023-03-06
4	RF Cable (9 kHz - 1 GHz Radiated)	HUBER+SUHNER	L-5D2W	N/A	2023-03-06
5	RF Cable (1 GHz - 18 GHz Radiated)	Junkosha Inc.	MWX221	2008S246	2023-04-03
6	RF Cable (1 GHz - 18 GHz Radiated)	Rosenberger	NONE	1520.9927.00	2022-04-14
7	RF Cable (1 GHz - 18 GHz Radiated)	Junkosha Inc.	MWX221	J0970749	2023-04-03
8	RF Cable (1 GHz - 18 GHz Radiated)	Sensorview Co., LTD	13A26	TPC2204060007	2023-04-03
9	RF Cable (18 GHz - 40 GHz Radiated)	Sensorview Co., LTD	9S40	TPC2204060009	2022-04-14
10	RF Cable (18 GHz - 40 GHz Radiated)	Sensorview Co., LTD	9A40	TP210713-001	2022-04-14

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