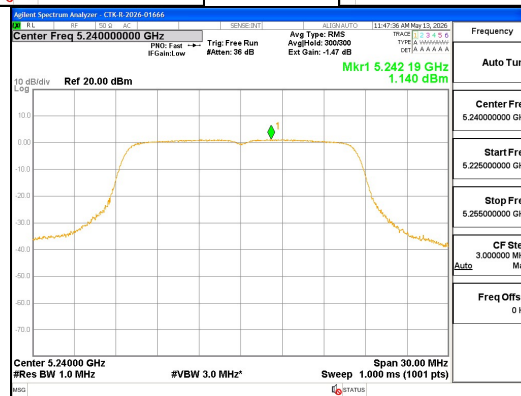
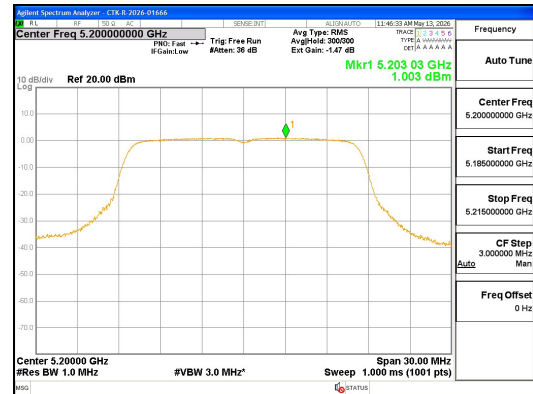
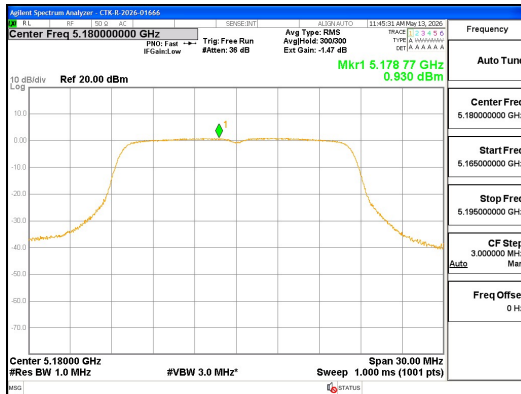




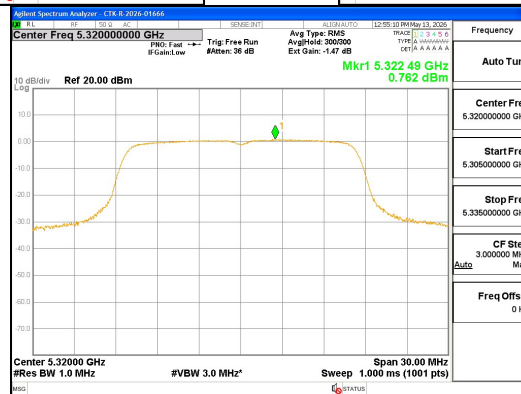
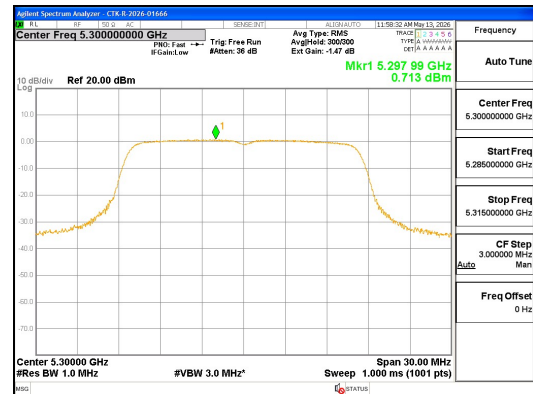
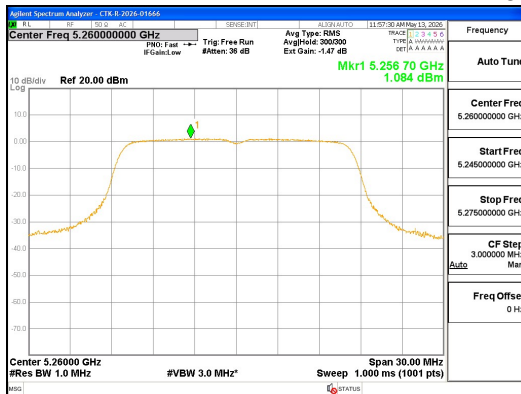
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802.11a_UNII 1



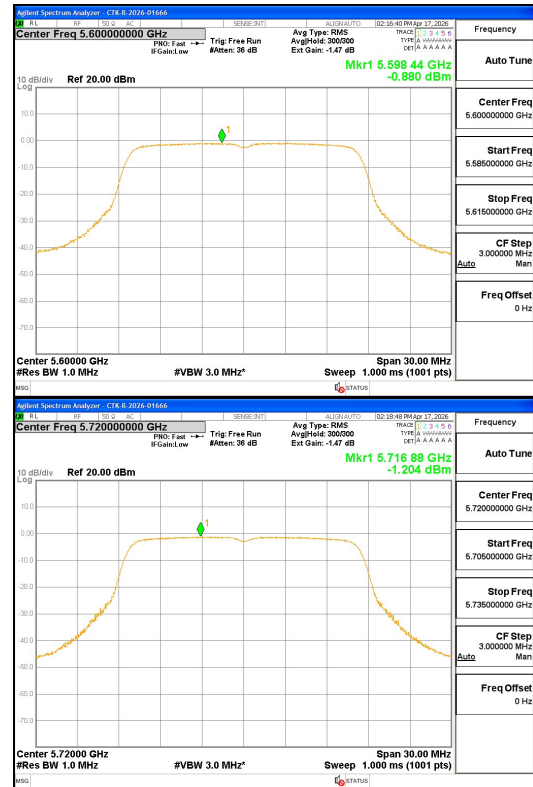
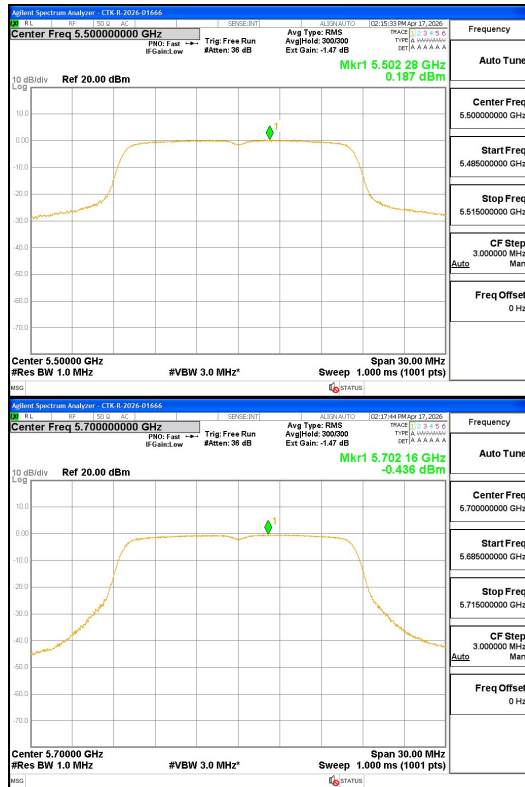
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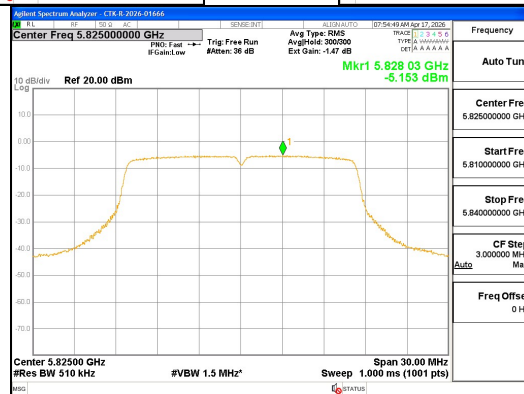
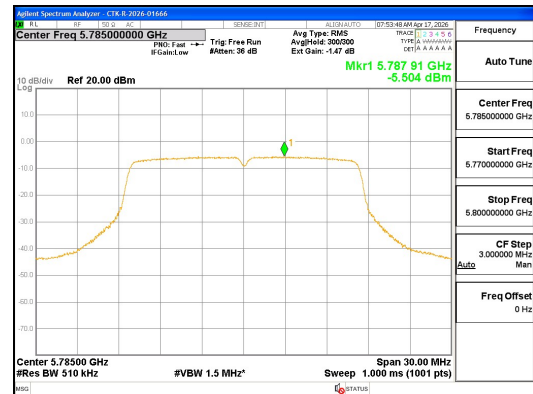
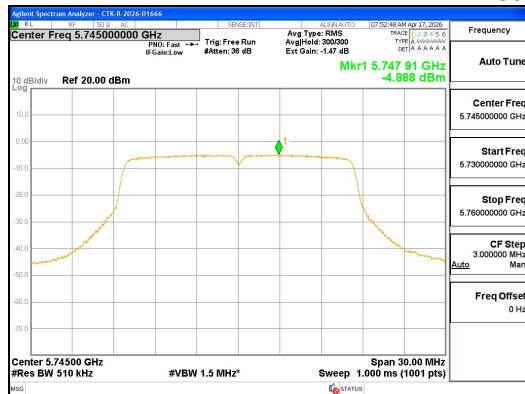
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802.11a_UNII 2C



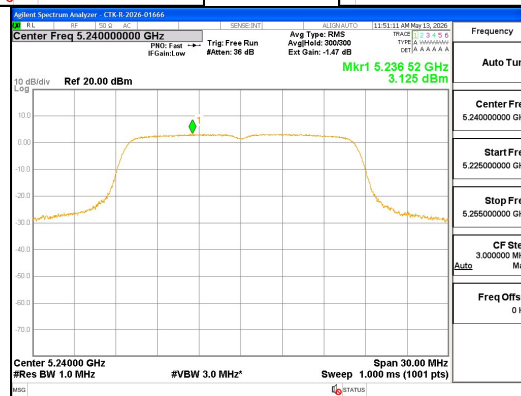
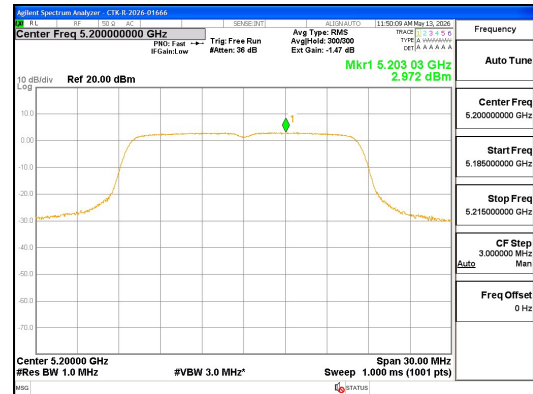
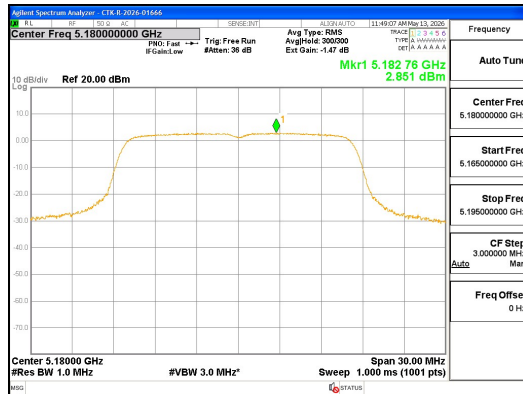
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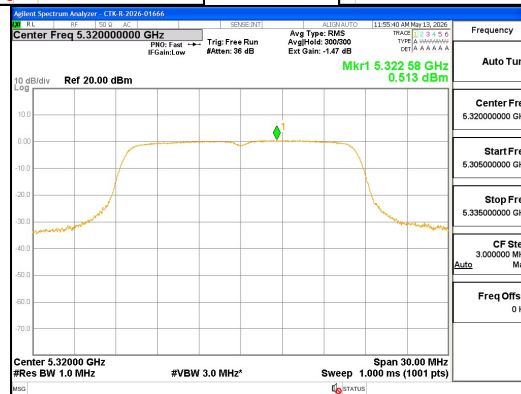
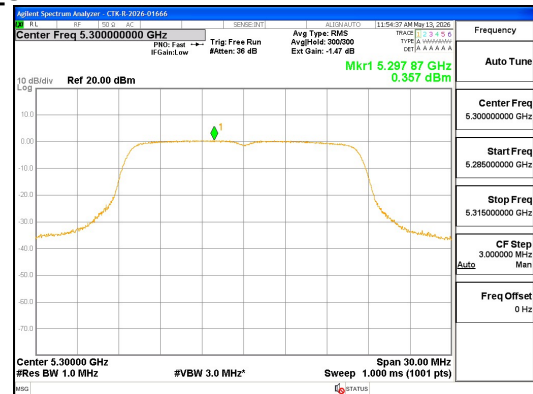
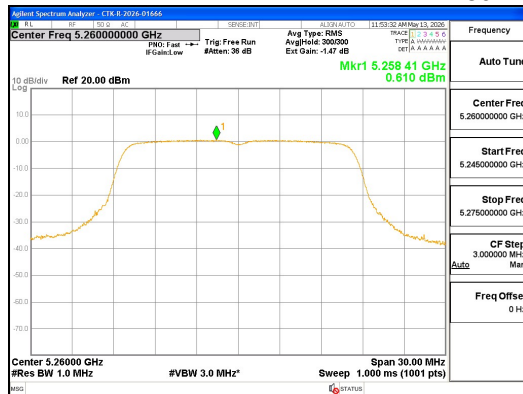
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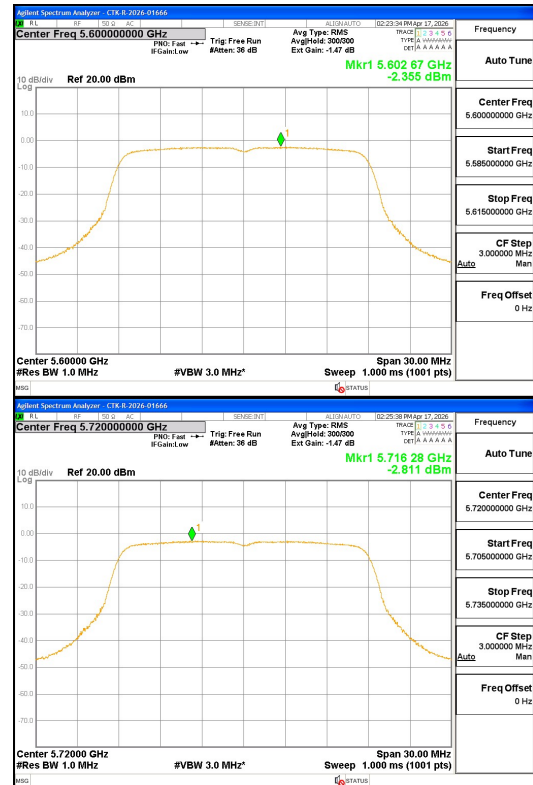
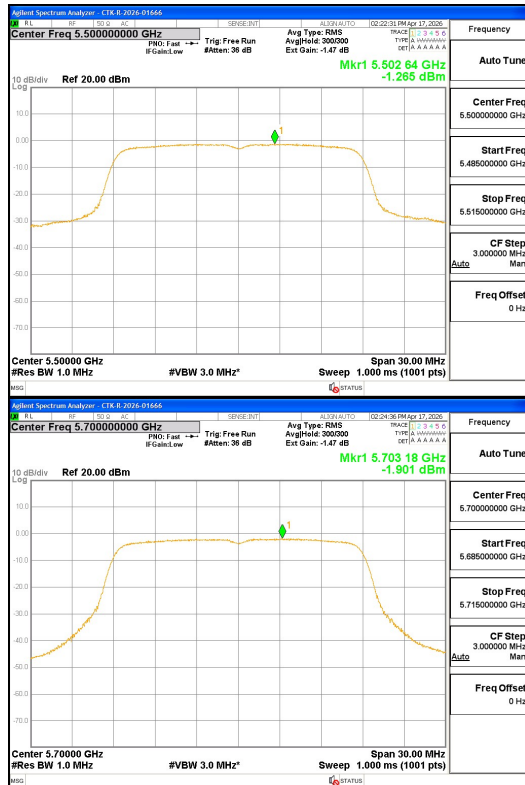
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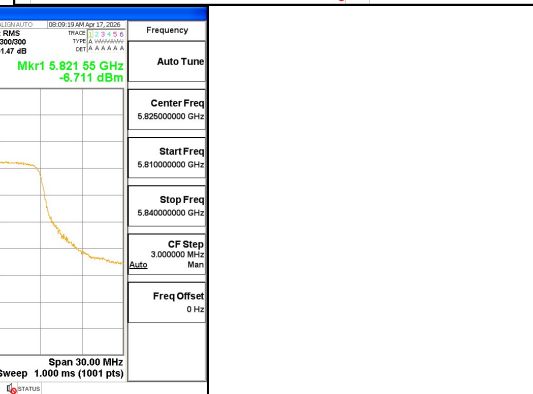
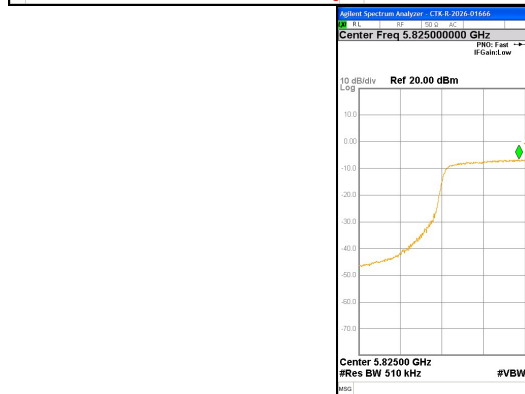
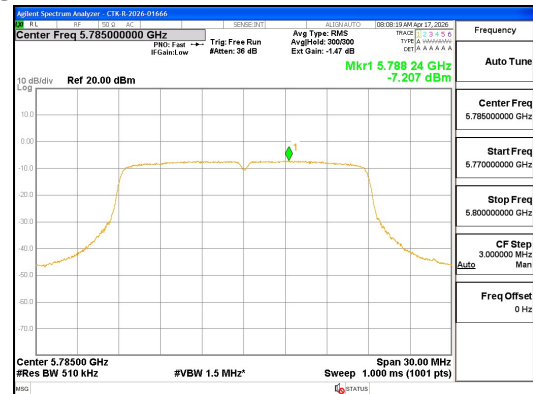
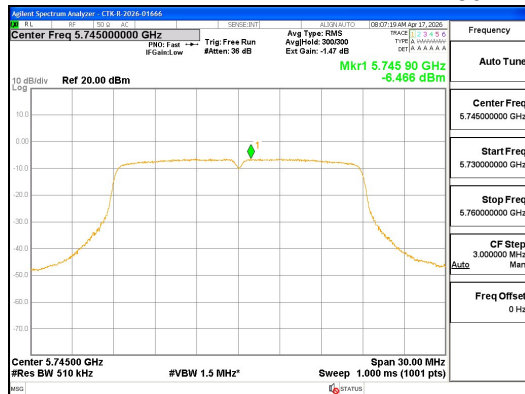
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4.4 Frequency Stability

Test Procedures

KDB 789033 – Section A.3

The EUT was placed inside of an environmental chamber as the temperature in the chamber was varied between -10 °C and +50 °C (Declaration by the Manufacturer). The temperature was incremented by 10 °C intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

Data for the worst case channel is shown below.

Measured Frequency Error (kHz)						
Voltage (VDC)	Temperature (°C)	Test Frequency (MHz)				
		5 180	5 200	5 240	5 260	5 300
3.70	-10	44.715	46.000	45.085	46.300	45.410
3.70	0	40.575	41.345	40.665	41.830	41.210
3.70	10	19.840	19.935	8.465	20.435	19.075
3.70	20(Ref)	46.355	47.175	44.790	44.910	42.940
3.70	30	-14.085	-15.765	-18.695	-20.845	-23.720
3.70	40	-36.840	-35.835	-35.955	-35.580	-36.105
3.70	50	-44.840	-45.610	-46.610	-46.810	-47.520
3.14	20(Ref)	53.070	55.040	55.305	57.860	58.140
4.26	20(Ref)	50.720	52.445	51.825	53.095	52.265

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Measured Frequency Error (kHz)						
Voltage (VDC)	Temperature (°C)	Test Frequency (MHz)				
		5 320	5 500	5 600	5 700	5 720
3.70	-10	45.505	45.000	47.060	47.130	48.475
3.70	0	41.560	40.750	43.560	43.700	45.325
3.70	10	18.695	14.675	16.145	15.730	16.580
3.70	20(Ref)	43.325	41.480	43.630	42.740	43.845
3.70	30	-25.635	-31.875	-33.270	-36.405	-37.450
3.70	40	-36.175	-39.670	-39.545	-40.880	-41.920
3.70	50	-47.810	-51.560	-52.270	-53.200	-53.150
3.14	20(Ref)	59.385	59.360	63.430	64.140	66.970
4.26	20(Ref)	52.410	51.095	53.985	53.550	54.995

Measured Frequency Error (kHz)						
Voltage (VDC)	Temperature (°C)	Test Frequency (MHz)				
		5 745	5 785	5 825		
3.70	-10	44.385	44.475	44.630		
3.70	0	43.265	41.155	39.745		
3.70	10	15.495	15.370	15.365		
3.70	20(Ref)	52.065	49.285	47.470		
3.70	30	-21.025	-23.610	-24.945		
3.70	40	-35.995	-39.375	-41.535		
3.70	50	-52.355	-54.745	-56.295		
3.14	20(Ref)	34.530	34.985	36.380		
4.26	20(Ref)	42.500	42.215	41.885		

Note :

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature range as tested.

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4.5 Unwanted Emissions

Test Location

- ☒ 10 m SAC (test distance : ☐ 10 m, ☒ 3 m)
☒ 3 m SAC (test distance : 3 m)

Test Procedures

KDB 789033 - Section G
ANSI C63.10-2020 – Section 12.7

- 1) In the frequency range of 9 kHz to 30 MHz, magnetic field is measured with Loop Antenna. The Test Antenna is positioned with its plane vertical at 3m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.
- 2) In the frequency range above 30 MHz, Bi-Log Test Antenna(30 MHz to 1 GHz) and Horn Test Antenna(above 1 GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is carried from 1m to 4m above the ground to determine the maximum value of the field strength. The emissions levels at both horizontal and vertical polarizations should be tested.

Test Settings:

Frequency Range = 9 kHz ~ 1 GHz

- a) RBW = 100 kHz for $f < 1$ GHz, 9 kHz for $f < 30$ MHz
b) VBW $\geq$ RBW
c) Detector = CISPR Quasi-peak
d) Sweep time = auto couple

- Peak

Frequency Range = 1 GHz ~ 40 GHz

- a) RBW = 1 MHz
b) VBW $\geq 3 \times$ RBW
c) Detector = Peak
d) Sweep time = auto
e) Trace mode = max hold

- Average (duty cycle $\geq 98\%$)

Frequency Range = 1 GHz ~ 40 GHz

- a) RBW = 1 MHz
b) VBW $\geq 3 \times$ RBW
c) Detector = RMS
d) Sweep time = auto
e) Averaging type = power (i.e., RMS)
f) Trace mode = average (at least 100 traces)

- Average (duty cycle $< 98\%$)

Frequency Range = 1 GHz ~ 40 GHz

- a) RBW = 1 MHz
b) VBW $\geq 3 \times$ RBW
c) Detector = RMS
d) Sweep time = auto
e) Averaging type = power (i.e., RMS)
f) Trace mode = average (at least 100 traces)
If power averaging (RMS) mode, then the applicable correction factor is $10 \log(1/x)$,
where x is the duty cycle.

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Limit :

1. UNII 1, 2A : All emissions outside of the 5.15 - 5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm /MHz.
2. UNII 2C : All emissions outside of the 5.47 - 5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm /MHz.
3. UNII 3 : All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm /MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

* E.I.R.P -27 dBm/MHz

$$E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2, \text{ for } d = 3\text{m}$$

4. Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209 and RSS-GEN § 8.9

- 15.209(a) and RSS-GEN § 8.9

Frequency [MHz]	Magnetic Field Strength [uA/m]	Field Strength [uV/m]	Field Strength [dBuV/m]	Deasurement Distance [meters]
0.009-0.490	6.37/F (F in kHz)	2400/F(kHz)	48.5-13.8	300
0.490-1.705	63.7/F (F in kHz)	24000/F(kHz)	33.8-23	30
1.705-30	0.08	30	29.5	30
30-88	-	100**	40	3
88-216	-	150**	43.5	3
216-960	-	200**	46	3
Above 960	-	500	54	3

** Except as provided in 15.209(g). Fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz, 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g.15.231 and 15.241.

** Except as provided in RSS-GEN § 8.9. The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

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FCC Part 15 § 15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

Table 1. Restricted Frequency Bands (FCC)

MHz	MHz	MHz	MHz	MHz	GHz
0.09-0.11	8.37626-8.38675	73-74.6	399.9-410	2690-2900	10.6-12.7
¹ 0.495-0.505	8.41425-8.41475	74.8-75.2	608-614	3260-3267	13.25-13.4
2.1735-2.1905	12.29-12.293	108-121.94	960-1240	3332-3339	14.47-14.5
4.125-4.128	12.51975-12.52025	123-138	1300-1427	3345.8-3358	15.35-16.2
4.17725-4.17775	12.57675-12.57725	149.9-150.05	1435-1626.5	3600-4400	17.7-21.4
4.20725-4.20775	13.36-13.41	156.52475-156.52525	1645.5-1646.5	4500-5150	22.01-23.12
6.215-6.218	16.42-16.423	156.7-156.9	1660-1710	5350-5460	23.6-24
6.26775-6.26825	16.69475-16.69525	162.0125-167.17	1718.8-1722.2	7250-7750	31.2-31.8
6.31175-6.31225	16.80425-16.80475	167.72-173.2	2200-2300	8025-8500	36.43-36.5
8.291-8.294	25.5-25.67	240-285	2310-2390	9000-9200	² Above 38.6
8.362-8.366	37.5-38.25	322-335.4	2483.5-2500	9300-9500	

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

² Above 38.6

§ 15.205 (b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions.

The provisions in Section 15.35 apply to these measurements.

According to RSS-GEN §8.10 Unwanted emissions that fall into restricted frequency bands listed in table 2 shall comply with the limits specified in table 2.

Table 2. Restricted Frequency Bands (ISED)

MHz	MHz	MHz	MHz	MHz	GHz
0.090-0.110	8.291-8.294	25.5-25.67	322-335.4	2655-2900	10.6-12.7
0.495-0.505	8.362-8.366	37.5-38.25	399.9-410	3260 – 3267	13.25-13.4
2.1735-2.1905	8.37625-8.38675	73-74.6	608-614	3332-3339	14.47-14.5
3.020-3.026	8.41425-8.41475	74.8-75.2	960-1427	3345.8-3358	15.35-16.2
4.125-4.128	12.29-12.293	108 – 138	1435-1626.5	3500-4400	10.6-12.7
4.17725-4.17775	12.51975-12.52025	149.9-150.05	1645.5-1646.5	4500-5150	22.01-23.12
4.20725-4.20775	12.57675-12.57725	156.52475-156.52525	1660-1710	5350-5460	23.6-24.0
5.677-5.683	13.36-13.41	156.7-156.9	1718.8-1722.2	7250-7750	31.2-31.8
6.215-6.218	16.42-16.423	162.0125-167.17	2200-2300	8025–8500	36.43-36.5
6.26775-6.26825	16.69475-16.69525	167.72-173.2	2310-2390	9000-9200	Above 38.6
6.31175-6.31225	16.80425-16.80475	240 – 285	2483.5-2500	9300-9500	

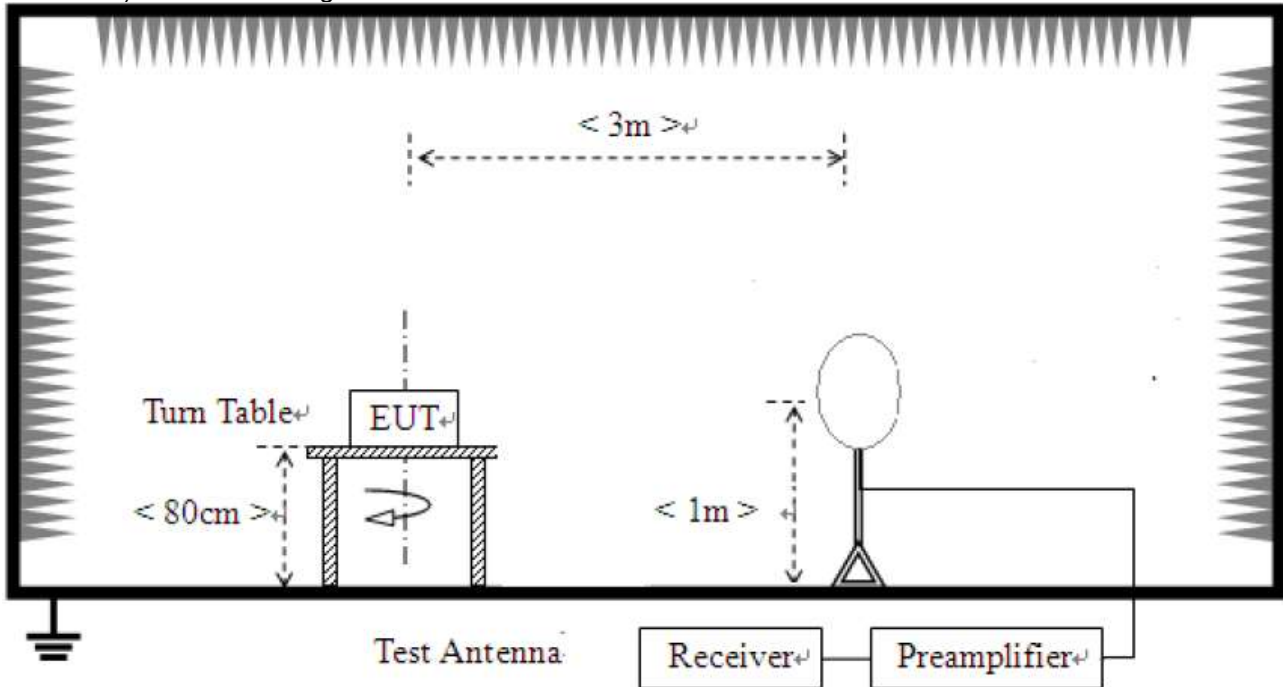
Note 1: Certain frequency bands listed in table 2 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

Note :

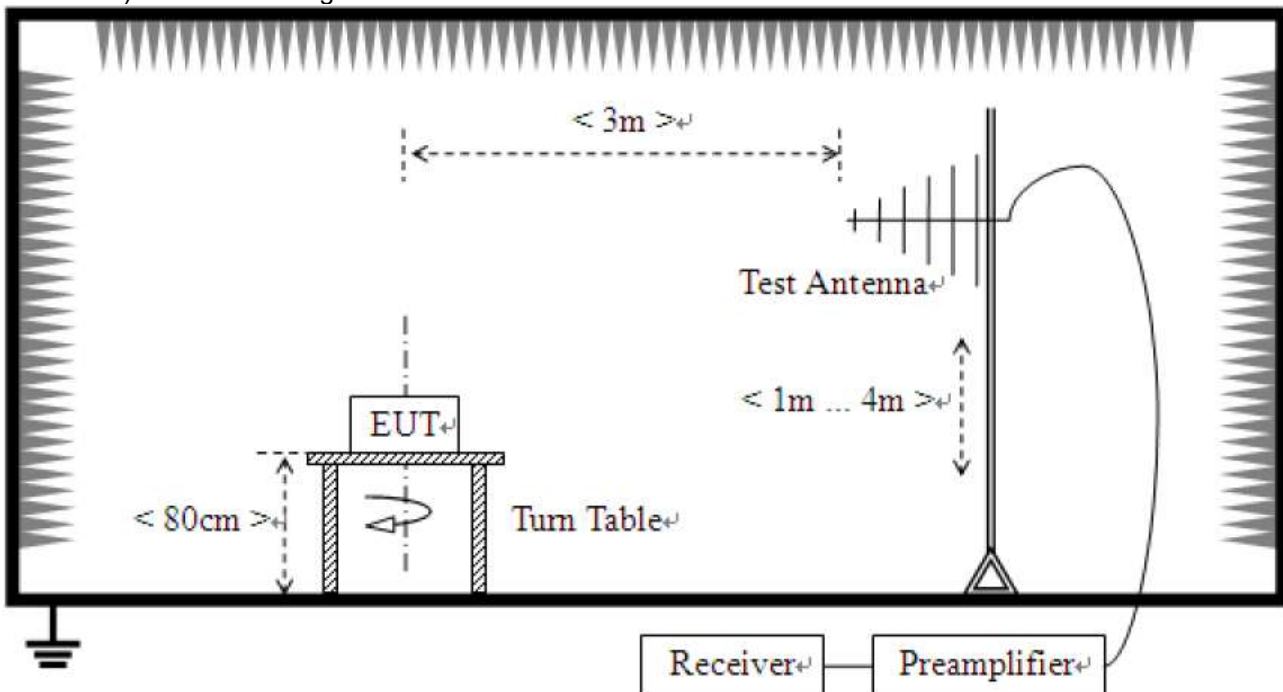
- 1) For above 1 GHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
- 2) For above 1 GHz, limit field strength of harmonics : 54 dBuV/m@3 m (AV) and 74 dBuV/m@3 m (PK)

Test Setup:

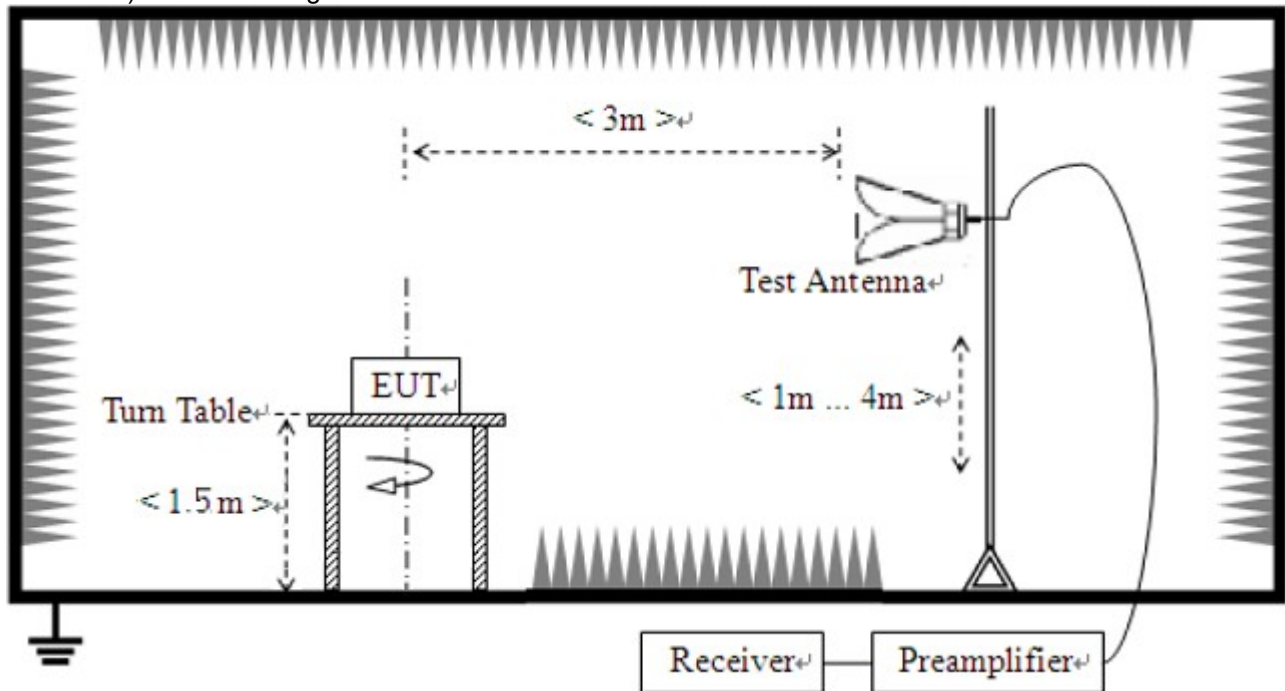
- 1) For field strength of emissions from 9 kHz to 30 MHz



- 2) For field strength of emissions from 30 MHz to 1 GHz



3) For field strength of emissions above 1 GHz



Test Mode

We have done all test mode.

The worst case antenna configuration and Test mode are determined to be as follows.

So the results are only attached worst cases.



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Test Results

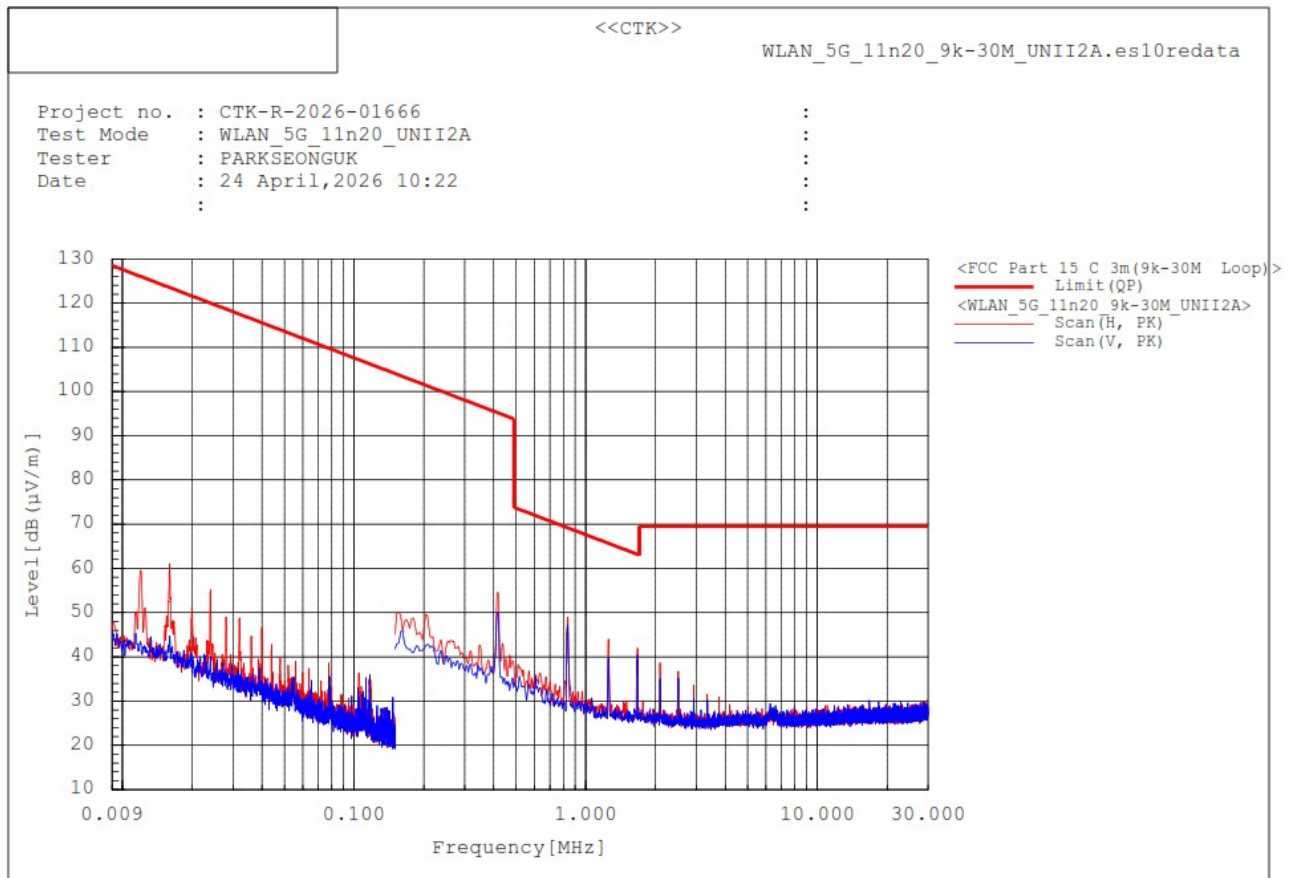
1) 9 kHz to 30 MHz

Test mode : Transmitter (Worst Case)_802.11n-HT20

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 position(X,Y axis). The worst emission was found in lie-down 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
4. This data is the Peak(PK) value.



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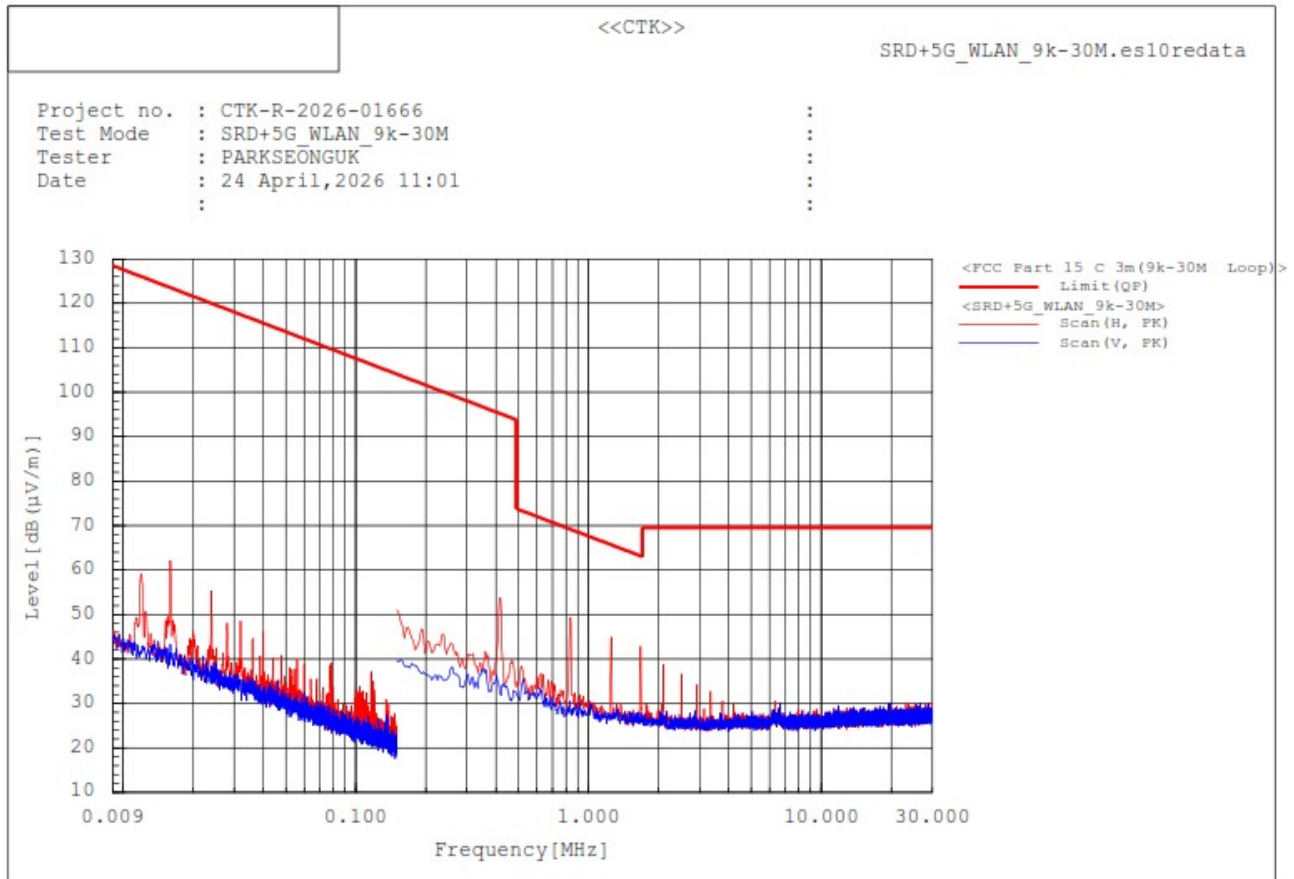
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Test mode : Transmitter (simultaneous transmissions DTS+ NII)

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 position(X,Y axis). The worst emission was found in lie-down 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
4. This data is the Peak(PK) value.



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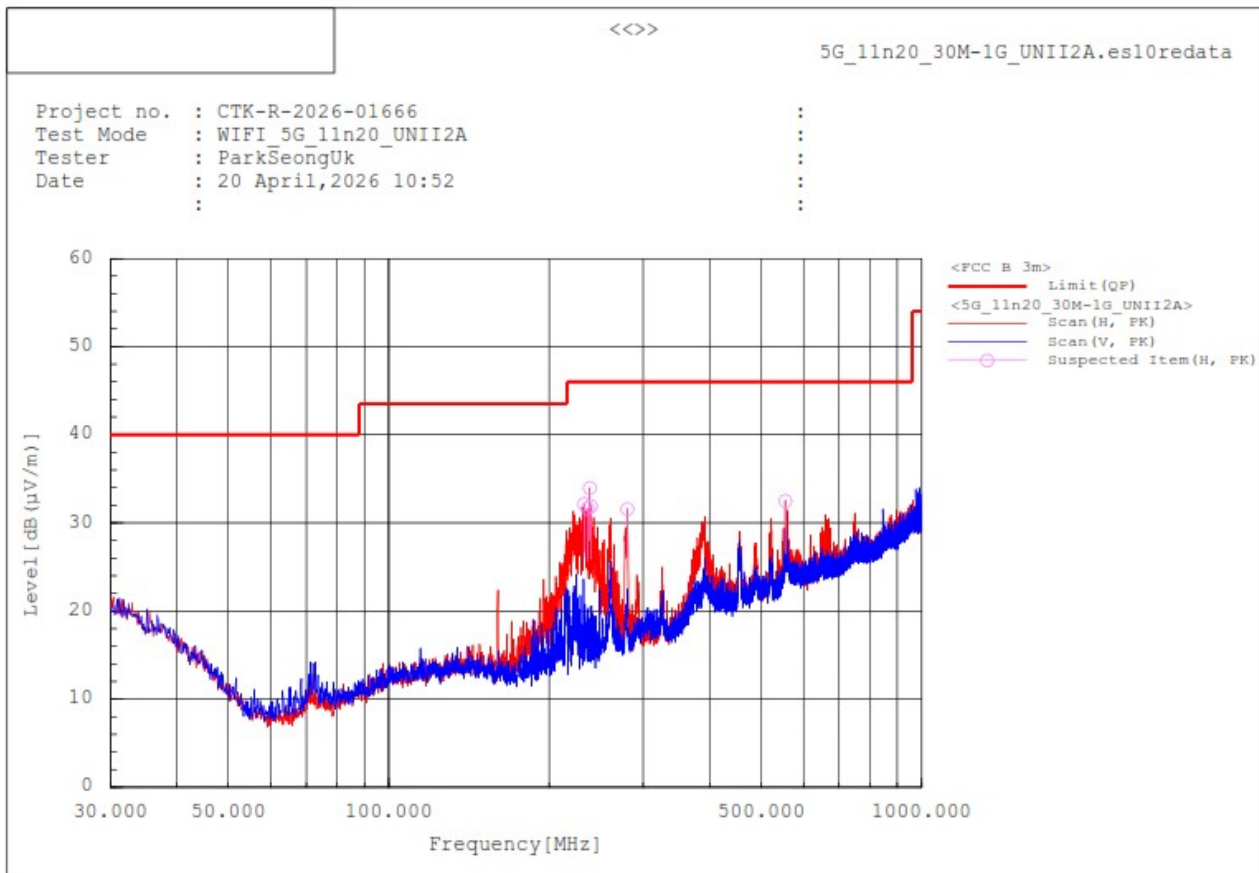
2) 30 MHz to 1 GHz

Test mode : Transmitter (Worst Case)_802.11n-HT20

The requirements are:

☒ Complies

Test Data



Spectrum Selection

No.	Frequency [MHz]	Pol	Reading PK [dB (μV)]	c.f [dB (1/m)]	Result PK [dB (μV/m)]	Limit QP [dB (μV/m)]	Margin QP-PK [dB]	Height [cm]	Angle [deg]
1	232.730	H	45.2	-13.1	32.1	46.0	13.9	100.0	359.1
2	235.931	H	44.4	-12.8	31.6	46.0	14.4	100.0	359.1
3	238.259	H	46.4	-12.4	34.0	46.0	12.0	100.0	31.5
4	239.423	H	44.1	-12.2	31.9	46.0	14.1	100.0	0.0
5	280.357	H	42.0	-10.4	31.6	46.0	14.4	100.0	140.1
6	554.867	H	34.4	-1.9	32.5	46.0	13.5	200.0	208.0

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(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.



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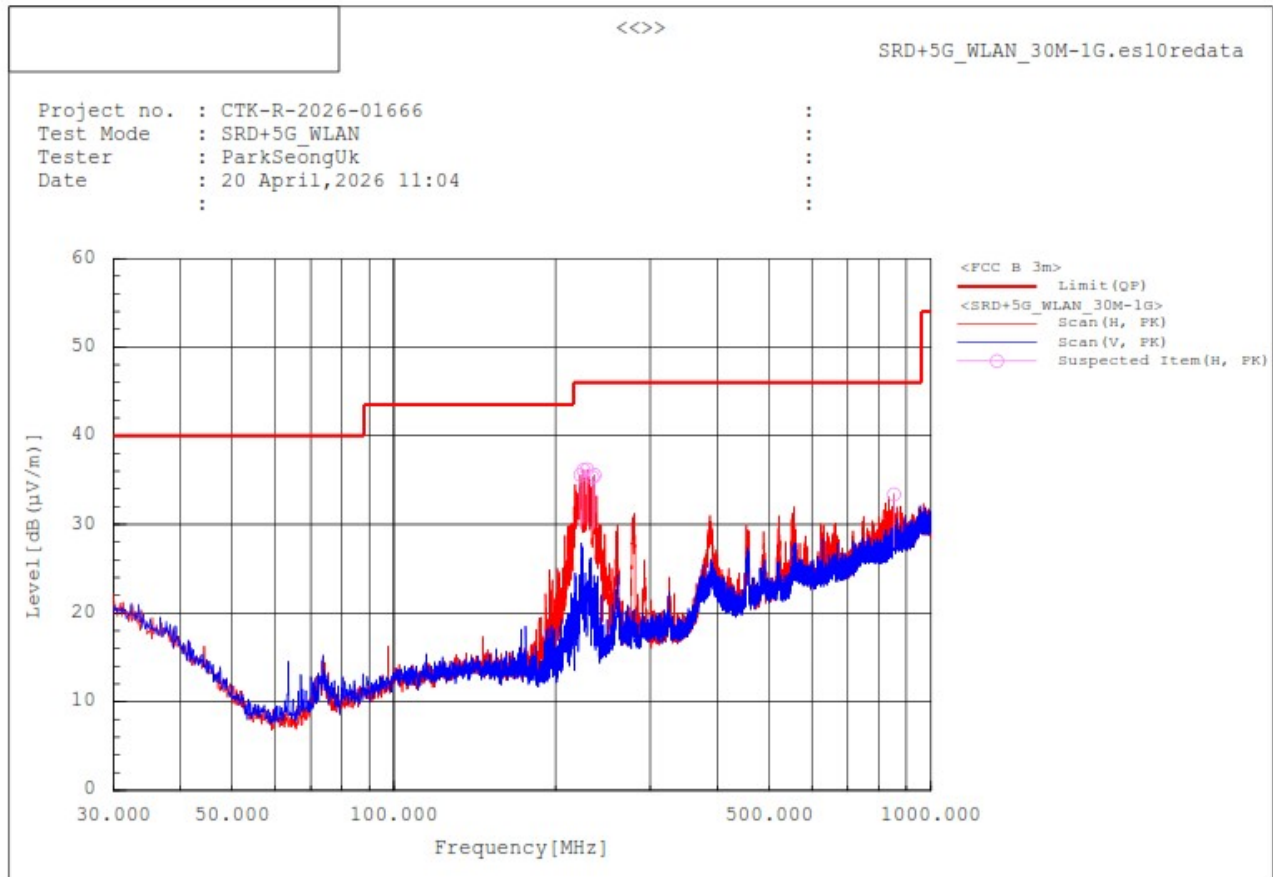
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Test mode : Transmitter (Worst Case) (simultaneous transmissions DTS+ NII)

The requirements are:

☒ Complies

Test Data



Spectrum Selection

No.	Frequency [MHz]	Pol	Reading [dB (μV)]	c.f [dB (1/m)]	Result [dB (μV/m)]	Limit [dB (μV/m)]	Margin [dB]	Height [cm]	Angle [deg]
1	222.351	H	49.6	-14.0	35.6	46.0	10.4	99.9	359.0
2	225.455	H	49.9	-13.8	36.1	46.0	9.9	99.9	359.0
3	229.141	H	49.6	-13.4	36.2	46.0	9.8	99.9	105.1
4	234.282	H	48.2	-12.9	35.3	46.0	10.7	99.9	95.6
5	236.416	H	48.2	-12.7	35.5	46.0	10.5	99.9	122.8
6	853.821	H	30.2	3.2	33.4	46.0	12.6	99.9	326.5

Remark :

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(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.



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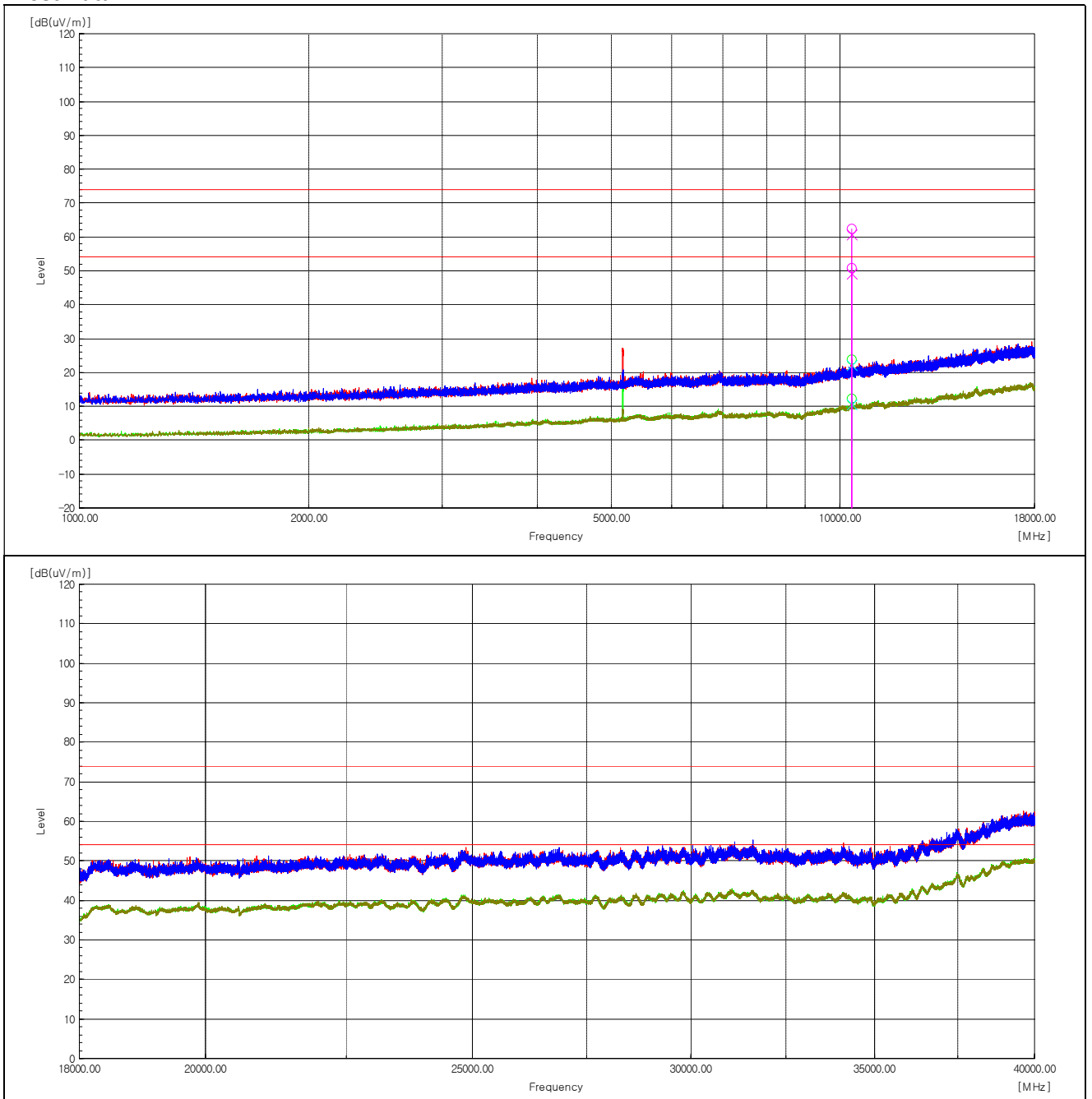
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3) above 1 GHz

The requirements are:

☒ Complies

Test Data



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Test mode : Transmitter (simultaneous transmissions DTS + NII)

The requirements are:

☒ Complies

Test Data

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
7 439.9	H	46.5	9.4	55.9	-----	74.0	-----	18.1	-----	Peak
7 439.2	H	35.1	9.4	-----	44.5	-----	54.0	-----	9.5	Average
7 442.6	V	45.4	9.4	54.8	-----	74.0	-----	19.2	-----	Peak
7 439.2	V	33.6	9.4	-----	43.0	-----	54.0	-----	11.0	Average
9 920.6	H	47.0	11.7	58.7	-----	74.0	-----	15.3	-----	Peak
9 919.2	H	35.7	11.7	-----	47.4	-----	54.0	-----	6.6	Average
9 925.4	V	46.2	11.7	57.9	-----	74.0	-----	16.1	-----	Peak
9 919.2	V	34.5	11.7	-----	46.2	-----	54.0	-----	7.8	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(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. Radiated Emission measured at 100 % duty cycle.

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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)]	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
10 356.5	V	48.0	12.7	-----	60.7	-----	74.0	-----	13.3	-----	Peak
10 357.2	H	49.7	12.7	-----	62.4	-----	74.0	-----	11.6	-----	Peak
10 357.9	V	36.4	12.7	-----	-----	49.1	-----	54.0	-----	4.9	Average
10 360.6	H	38.0	12.7	-----	-----	50.7	-----	54.0	-----	3.3	Average

Ch.40(5 200 MHz)

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
10 400.0	H	51.6	12.7	-----	64.3	-----	74.0	-----	9.7	-----	Peak
10 400.0	H	39.2	12.7	-----	-----	51.9	-----	54.0	-----	2.1	Average
10 400.7	V	48.8	12.7	-----	61.5	-----	74.0	-----	12.5	-----	Peak
10 400.7	V	37.2	12.7	-----	-----	49.9	-----	54.0	-----	4.1	Average

Ch.48(5 240 MHz)

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
10 480.3	V	38.5	12.8	-----	-----	51.3	-----	54.0	-----	2.7	
10 480.3	H	40.1	12.8	-----	-----	52.9	-----	54.0	-----	1.1	
10 480.9	V	49.8	12.8	-----	62.6	-----	74.0	-----	11.4	-----	
10 480.9	H	51.5	12.8	-----	64.3	-----	74.0	-----	9.7	-----	

Ch.52(5 260 MHz)

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
10 520.4	H	51.0	12.9	-----	63.9	-----	74.0	-----	10.1	-----	Peak
10 520.4	H	39.5	12.9	-----	-----	52.4	-----	54.0	-----	1.6	Average
10 520.4	V	49.4	12.9	-----	62.3	-----	74.0	-----	11.7	-----	Peak
10 520.4	V	39.0	12.9	-----	-----	51.9	-----	54.0	-----	2.1	Average

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Ch.60(5 300 MHz)

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
10 600.6	H	36.4	13.3	-----	-----	49.7	-----	54.0	-----	4.3	Average
10 600.6	V	35.8	13.3	-----	-----	49.1	-----	54.0	-----	4.9	Average
10 604.7	H	48.5	13.3	-----	61.8	-----	74.0	-----	12.2	-----	Peak
10 604.7	V	47.5	13.3	-----	60.8	-----	74.0	-----	13.2	-----	Peak

Ch.64(5 320 MHz)

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
10 636.0	V	49.0	13.4	-----	62.4	-----	74.0	-----	11.6	-----	Peak
10 637.3	H	48.9	13.4	-----	62.3	-----	74.0	-----	11.7	-----	Peak
10 640.7	H	36.6	13.5	-----	-----	50.1	-----	54.0	-----	3.9	Average
10 640.7	V	36.0	13.5	-----	-----	49.5	-----	54.0	-----	4.5	Average

Ch.100(5 500 MHz)

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
10 984.8	H	45.7	13.3	-----	59.0	-----	74.0	-----	15.0	-----	Peak
11 000.5	V	47.5	13.3	-----	60.8	-----	74.0	-----	13.2	-----	Peak
11 001.8	H	35.8	13.3	-----	-----	49.1	-----	54.0	-----	4.9	Average
11 003.2	V	36.8	13.3	-----	-----	50.1	-----	54.0	-----	3.9	Average

Ch.120(5 600 MHz)

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
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The emissions above 1 GHz were 20 dB lower than the limit.

Ch.140(5 700 MHz)

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
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The emissions above 1 GHz were 20 dB lower than the limit.

Ch.144(5 720 MHz)

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
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The emissions above 1 GHz were 20 dB lower than the limit.

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Ch.149(5 745 MHz)

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
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The emissions above 1 GHz were 20 dB lower than the limit.

Ch.157(5 785 MHz)

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
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The emissions above 1 GHz were 20 dB lower than the limit.

Ch.165(5 825 MHz)

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
-----------------	-----	----------------	---------------	------------------------	---------------------	---------------------	---------------------	---------------------	----------------	----------------	------

The emissions above 1 GHz were 20 dB lower than the limit.

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(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. Radiated Emission measured at 100 % duty cycle.