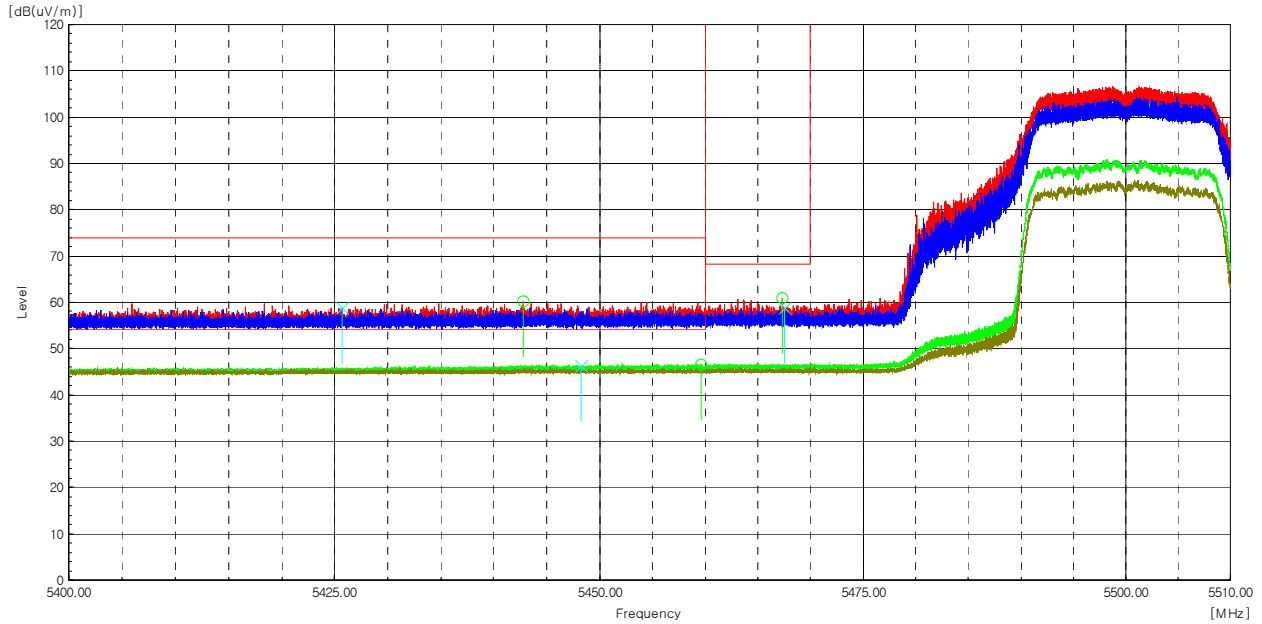


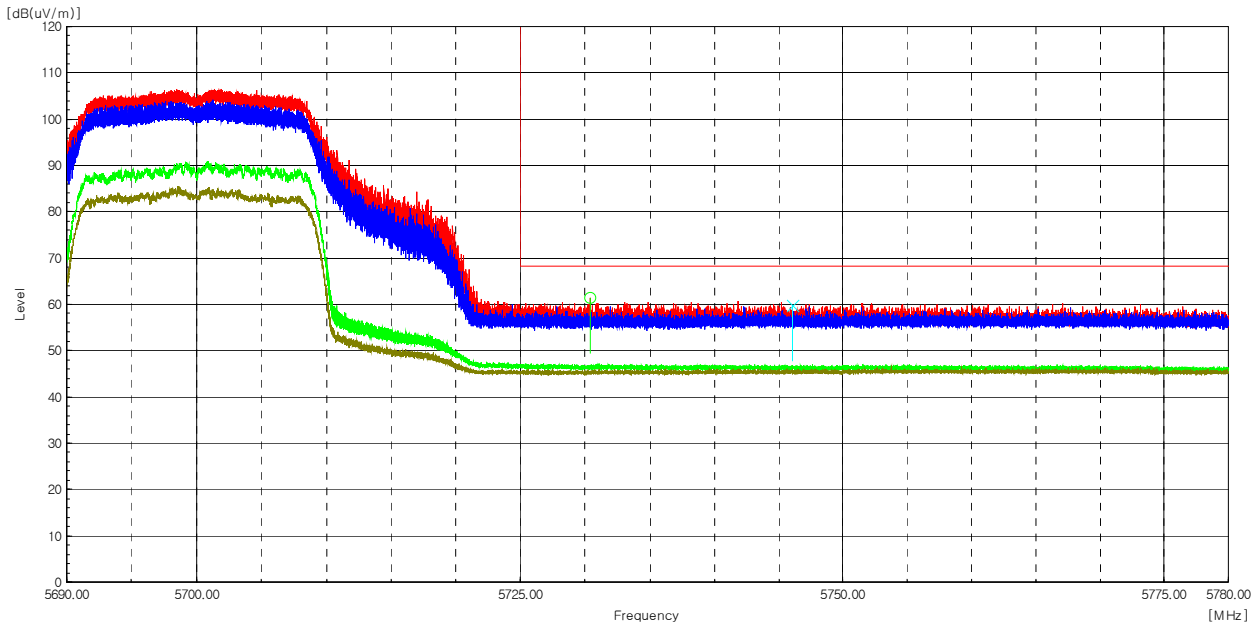
Worst Case Mode :	802.11a-ANT L
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 442.78	H	56.7	3.6	-----	60.3	-----	74.0	-----	13.7	-----	Peak
5 459.67	H	43.0	3.6	0.1	-----	46.7	-----	54.0	-----	7.3	Average
5 425.70	V	55.4	3.5	-----	58.9	-----	74.0	-----	15.1	-----	Peak
5 448.29	V	42.6	3.6	0.1	-----	46.3	-----	54.0	-----	7.7	Average
5 467.27	H	57.1	3.7	-----	60.8	-----	68.2	-----	7.4	-----	Peak
5 467.57	V	55.1	3.7	-----	58.8	-----	68.2	-----	9.4	-----	Peak

Radiated Restricted Band Edge Plot

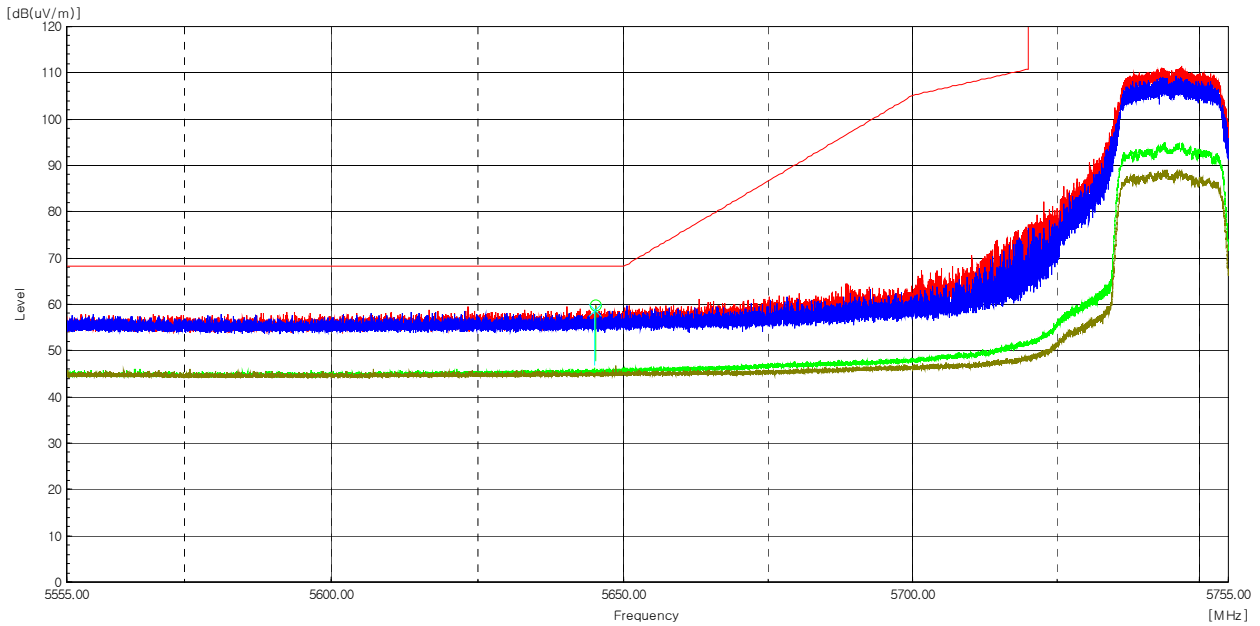
Worst Case Mode :	802.11a-ANT L
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 730.40	H	57.1	4.3	-----	61.4	-----	68.2	-----	6.8	-----	Peak
5 746.09	V	55.4	4.4	-----	59.8	-----	68.2	-----	8.4	-----	Peak

Radiated Restricted Band Edge Plot

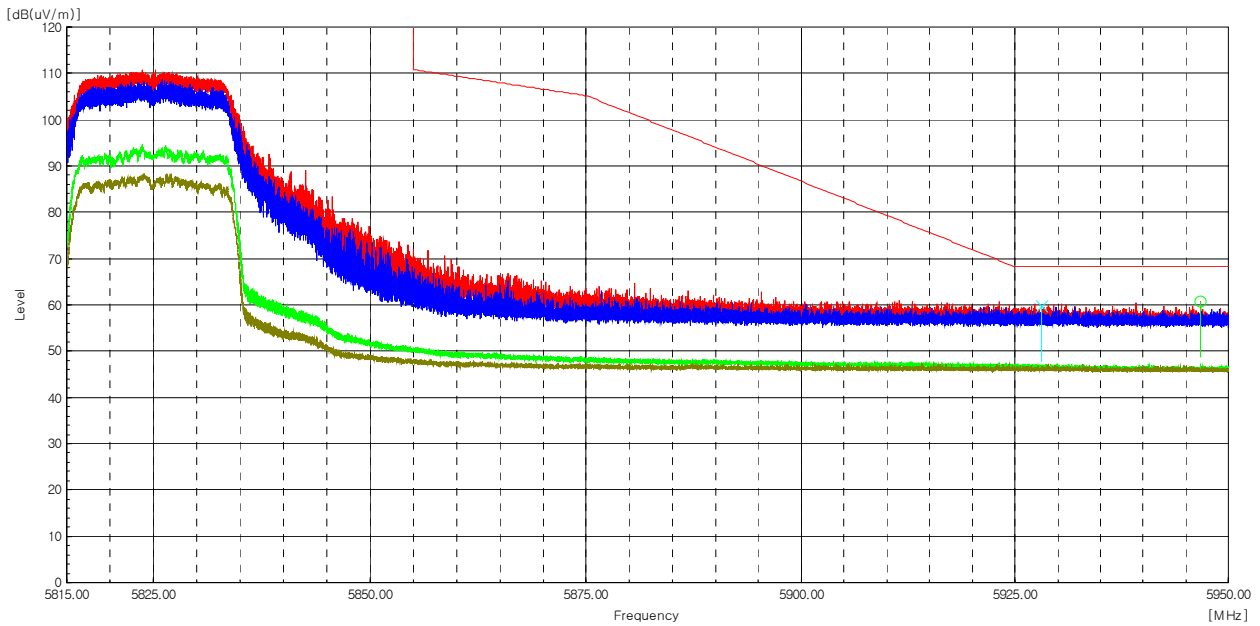
Worst Case Mode :	802.11a-ANT L
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 745 MHz
Channel :	149



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 645.32	H	55.7	4.1	-----	59.8	-----	68.2	-----	8.4	-----	Peak
5 645.04	V	54.6	4.1	-----	58.7	-----	68.2	-----	9.5	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11a-ANT L
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
5 946.79	H	55.7	4.9	-----	60.6	-----	68.2	-----	7.6	-----	Peak
5 928.07	V	54.7	5.0	-----	59.7	-----	68.2	-----	8.5	-----	Peak

Radiated Restricted Band Edge Plot

**Test mode : Transmitter, 802.11a-ANT R**

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
10 363.01	H	49.3	11.3	-----	60.6	-----	68.2	-----	7.6	-----	Peak
10 363.93	V	46.2	11.3	-----	57.5	-----	68.2	-----	10.7	-----	Peak

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
10 397.35	H	49.1	11.3	-----	60.4	-----	68.2	-----	7.8	-----	Peak
10 393.74	V	44.8	11.3	-----	56.1	-----	68.2	-----	12.1	-----	Peak

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
10 474.52	H	47.3	11.6	-----	58.9	-----	68.2	-----	9.3	-----	Peak
10 465.22	V	44.2	11.6	-----	55.8	-----	68.2	-----	12.4	-----	Peak

Ch.5 2(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
10 514.98	H	46.2	11.6	-----	57.8	-----	68.2	-----	10.4	-----	Peak
10 547.54	V	44.2	11.7	-----	55.9	-----	68.2	-----	12.3	-----	Peak

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

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

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

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
11 005.09	H	45.8	12.1	-----	57.9	-----	74.0	-----	16.1	-----	Peak
11 003.13	H	34.8	12.0	0.1	-----	46.9	-----	54.0	-----	7.1	Average
10 986.91	V	45.3	11.9	-----	57.2	-----	74.0	-----	16.8	-----	Peak
11 012.68	V	34.0	12.1	0.1	-----	46.2	-----	54.0	-----	7.8	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
11 209.69	H	46.1	12.8	-----	58.9	-----	74.0	-----	15.1	-----	Peak
11 203.63	H	35.0	12.8	0.1	-----	47.9	-----	54.0	-----	6.1	Average
11 221.56	V	45.7	12.8	-----	58.5	-----	74.0	-----	15.5	-----	Peak
11 230.62	V	34.5	12.8	0.1	-----	47.4	-----	54.0	-----	6.6	Average

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
11 400.27	H	46.8	12.4	-----	59.2	-----	74.0	-----	14.8	-----	Peak
11 403.76	H	34.6	12.4	0.1	-----	47.1	-----	54.0	-----	6.9	Average
11 409.82	V	45.8	12.5	-----	58.3	-----	74.0	-----	15.7	-----	Peak
11 385.77	V	34.5	12.2	0.1	-----	46.8	-----	54.0	-----	7.2	Average

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.

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
11 495.69	H	46.2	12.5	-----	58.7	-----	74.0	-----	15.3	-----	Peak
11 488.83	H	34.5	12.6	0.1	-----	47.2	-----	54.0	-----	6.8	Average
11 463.92	V	46.2	12.7	-----	58.9	-----	74.0	-----	15.1	-----	Peak
11 527.39	V	34.1	12.6	0.1	-----	46.8	-----	54.0	-----	7.2	Average
17 227.27	H	46.4	19.0	-----	65.4	-----	68.2	-----	2.8	-----	Peak
17 236.12	V	48.2	19.0	-----	67.2	-----	68.2	-----	1.0	-----	Peak

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
11 574.82	H	47.3	12.9	-----	60.2	-----	74.0	-----	13.8	-----	Peak
11 569.13	H	35.7	12.9	0.1	-----	48.7	-----	54.0	-----	5.3	Average
11 574.64	V	45.2	12.9	-----	58.1	-----	74.0	-----	15.9	-----	Peak
11 566.13	V	34.2	12.9	0.1	-----	47.2	-----	54.0	-----	6.8	Average
17 354.61	H	46.7	19.7	-----	66.4	-----	68.2	-----	1.8	-----	Peak
17 355.82	V	47.1	19.7	-----	66.8	-----	68.2	-----	1.4	-----	Peak

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
11 648.57	H	48.1	12.7	-----	60.8	-----	74.0	-----	13.2	-----	Peak
11 646.12	H	35.8	12.7	0.1	-----	48.6	-----	54.0	-----	5.4	Average
11 641.96	V	45.0	12.7	-----	57.7	-----	74.0	-----	16.3	-----	Peak
11 633.51	V	33.8	12.8	0.1	-----	46.7	-----	54.0	-----	7.3	Average

**Remarks**

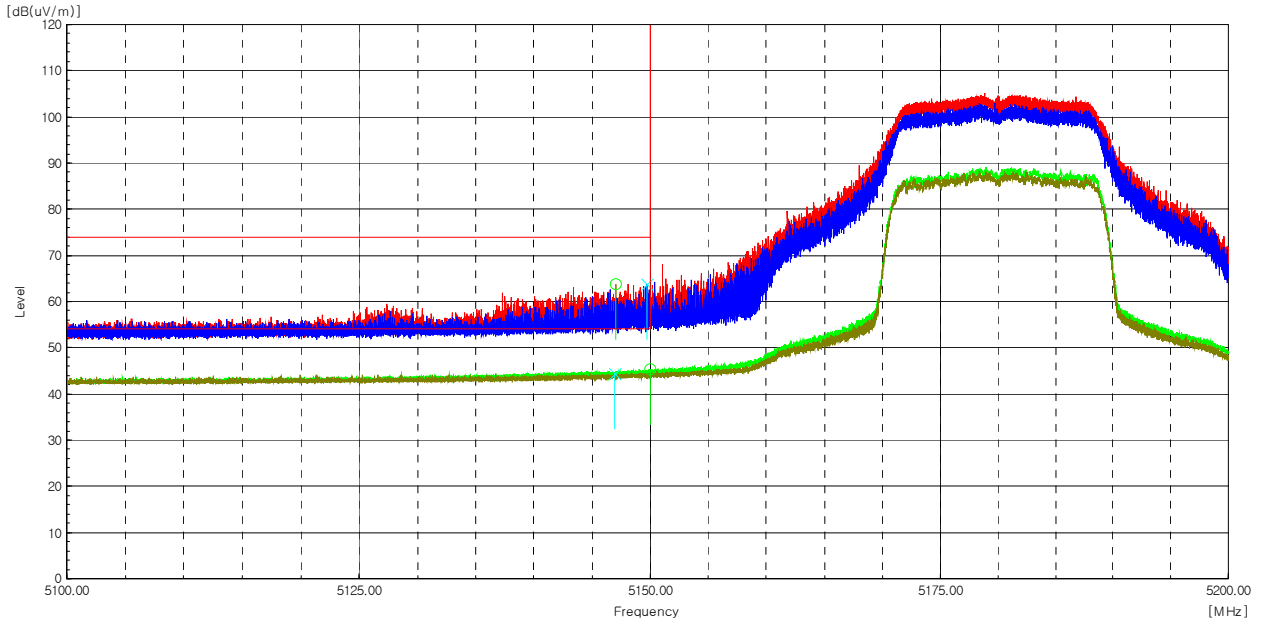
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down positon(X,Y axis). The worst emission was found in lie-down positon(Y axis) and the worst case was recorded.
2. Peak Result = Reading + c.f(Correction factor)  
Average Result = Reading + c.f(Correction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



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Report No.:  
 CTK-2023-01326  
 Page (378) / (539) Pages

Worst Case Mode :	802.11a-ANT R
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)]	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
5 147.01	H	61.2	2.6	-----	63.8	-----	74.0	-----	10.2	-----	Peak
5 149.98	H	42.8	2.6	0.1	-----	45.5	-----	54.0	-----	8.5	Average
5 149.73	V	61.2	2.6	-----	63.8	-----	74.0	-----	10.2	-----	Peak
5 146.91	V	41.9	2.6	0.1	-----	44.6	-----	54.0	-----	9.4	Average

Radiated Restricted Band Edge Plot

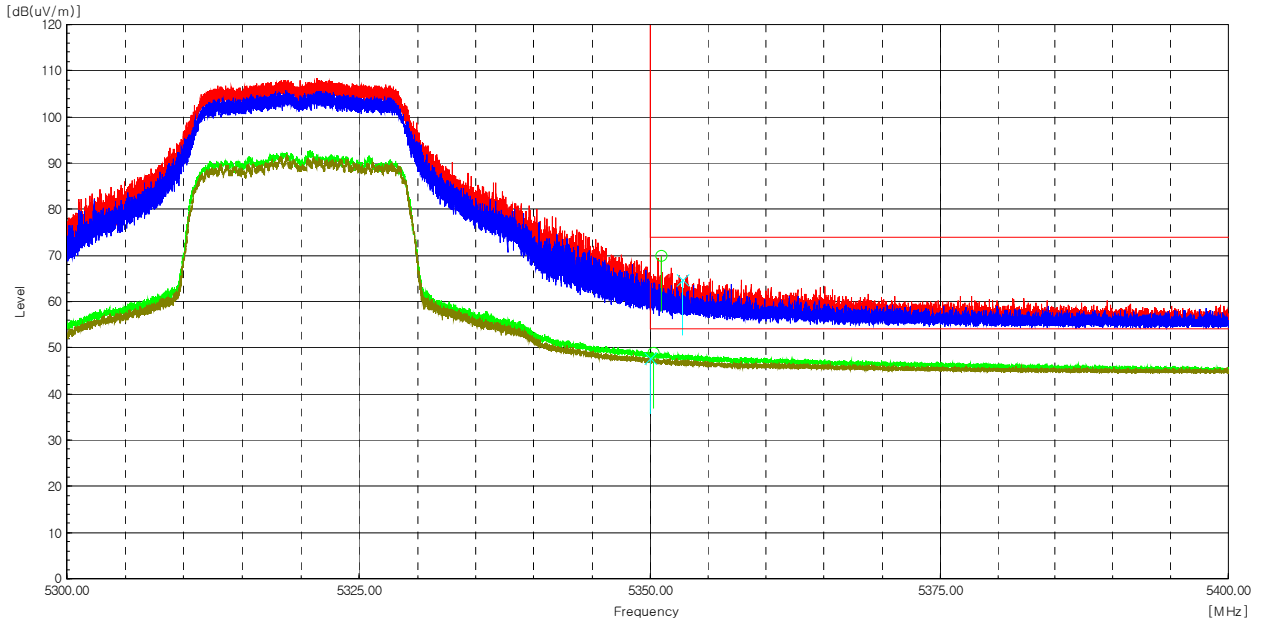




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Report No.:  
 CTK-2023-01326  
 Page (379) / (539) Pages

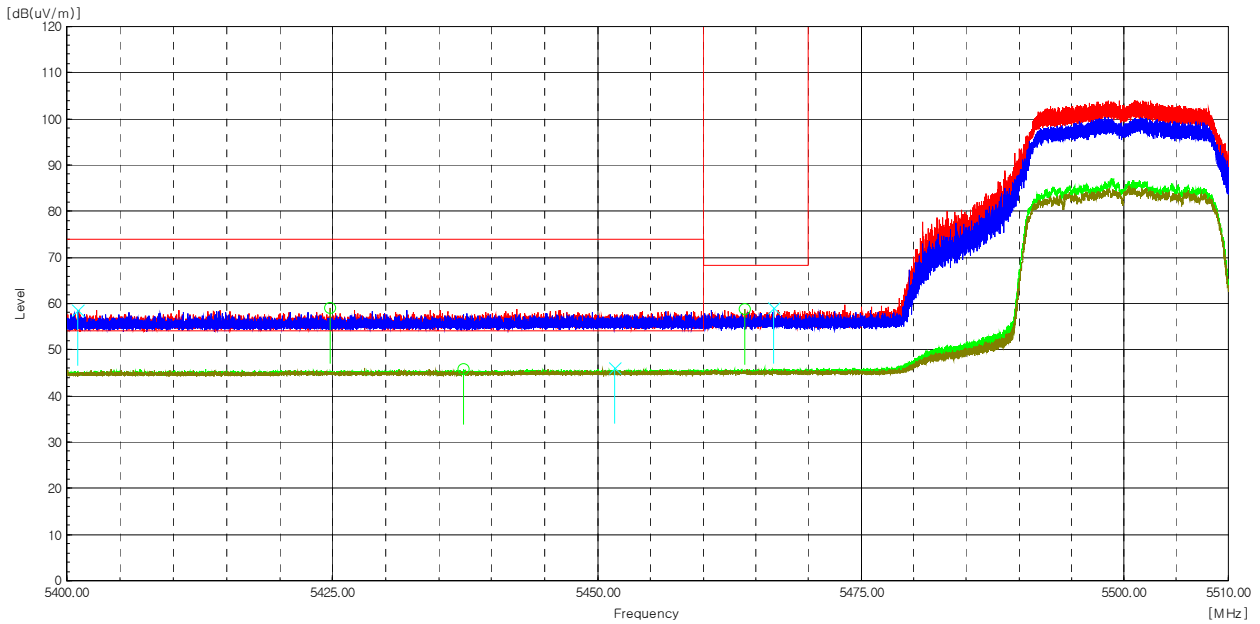
Worst Case Mode :	802.11a-ANT R
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 350.99	H	66.7	3.2	-----	69.9	-----	74.0	-----	4.1	-----	Peak
5 350.25	H	45.8	3.2	0.1	-----	49.1	-----	54.0	-----	4.9	Average
5 352.75	V	61.4	3.2	-----	64.6	-----	74.0	-----	9.4	-----	Peak
5 350.03	V	44.6	3.2	0.1	-----	47.9	-----	54.0	-----	6.1	Average

Radiated Restricted Band Edge Plot

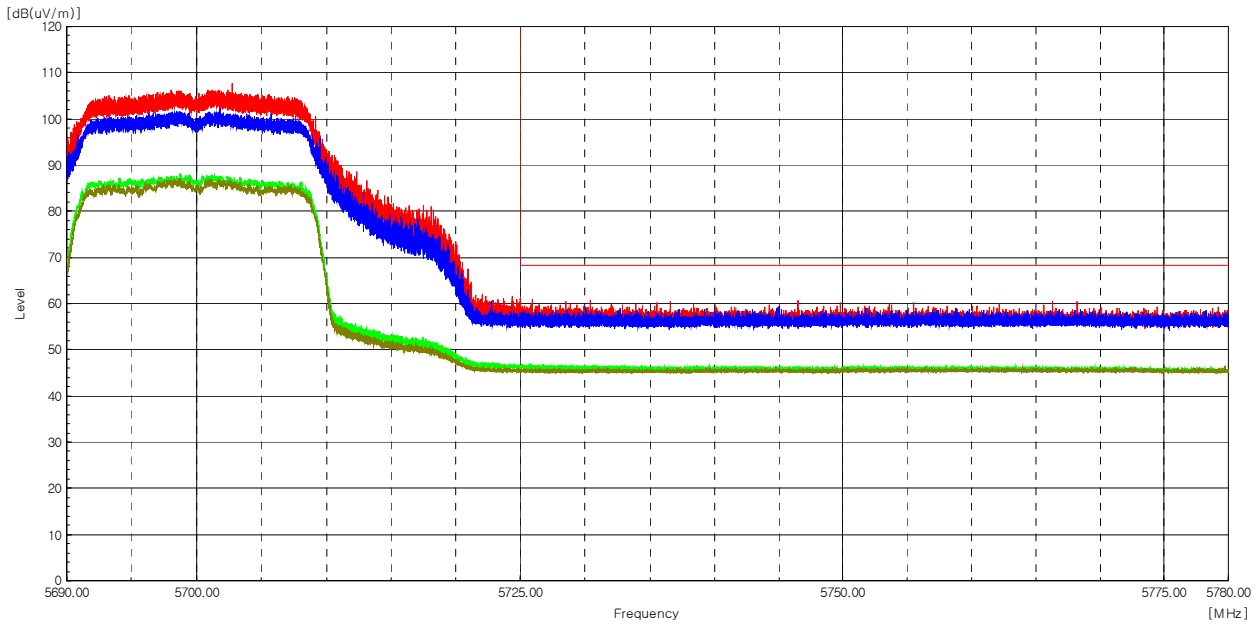
Worst Case Mode :	802.11a-ANT R
Worst Case Transfer Rate :	6 Mbps
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 424.79	H	55.6	3.5	-----	59.1	-----	74.0	-----	14.9	-----	Peak
5 437.37	H	42.4	3.5	0.1	-----	46.0	-----	54.0	-----	8.0	Average
5 401.03	V	55.2	3.4	-----	58.6	-----	74.0	-----	15.4	-----	Peak
5 451.66	V	42.4	3.6	0.1	-----	46.1	-----	54.0	-----	7.9	Average
5 463.94	H	55.0	3.7	-----	58.7	-----	68.2	-----	9.5	-----	Peak
5 466.65	V	55.3	3.7	-----	59.0	-----	68.2	-----	9.2	-----	Peak

Radiated Restricted Band Edge Plot

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

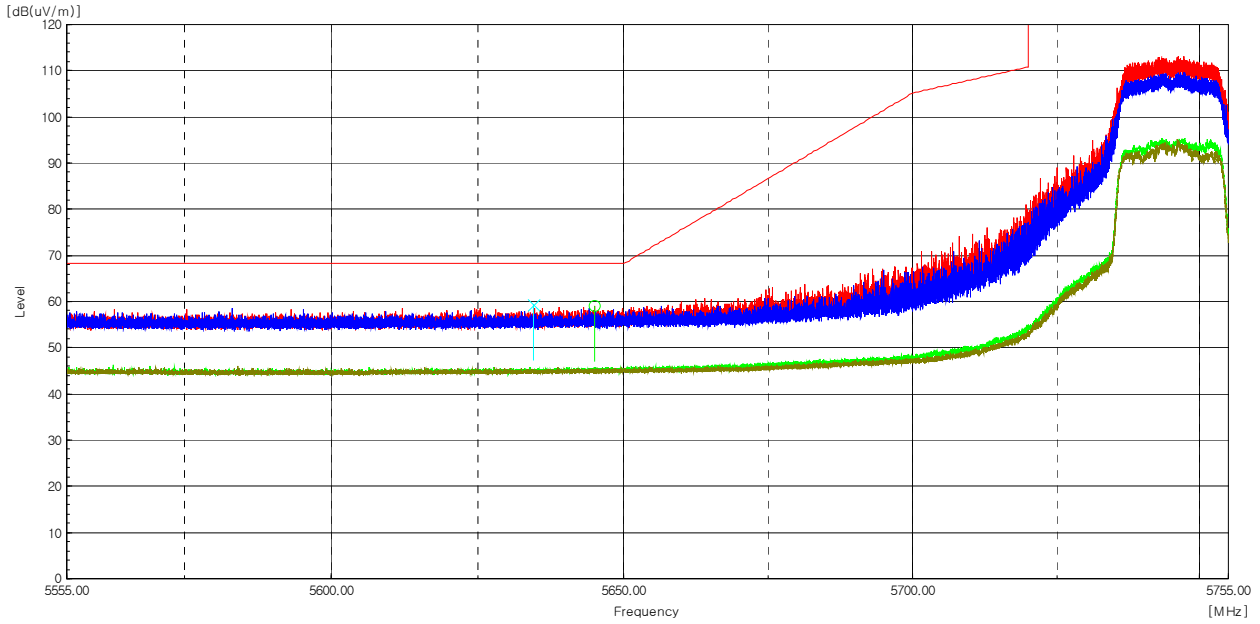


Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
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The emissions above 1 GHz were 20 dB lower than the limit.

### Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11a-ANT R
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)]	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
5 645.12	H	54.9	4.1	-----	59.0	-----	68.2	-----	9.2	-----	Peak
5 634.53	V	55.2	4.1	-----	59.3	-----	68.2	-----	8.9	-----	Peak

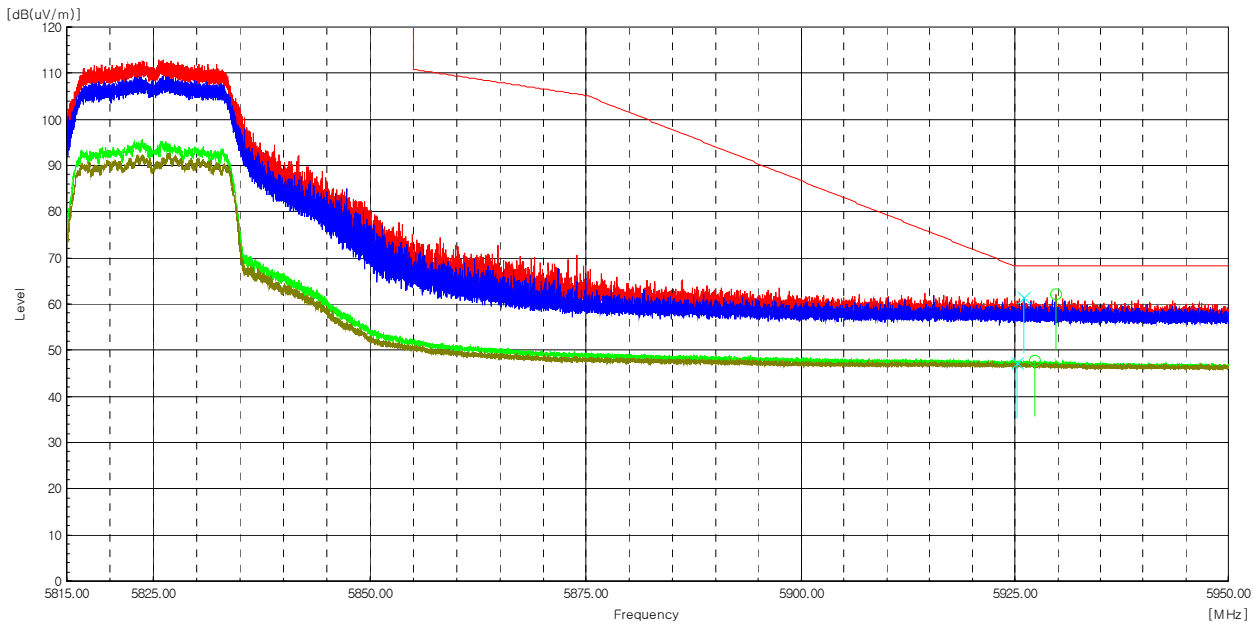
Radiated Restricted Band Edge Plot



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Report No.:  
 CTK-2023-01326  
 Page (383) / (539) Pages

Worst Case Mode :	802.11a-ANT R
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
5 929.81	H	57.1	5.0	-----	62.1	-----	68.2	-----	6.1	-----	Peak
5 926.07	V	56.3	5.0	-----	61.3	-----	68.2	-----	6.9	-----	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)]	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
10 357.87	H	47.4	11.3	-----	58.7	-----	68.2	-----	9.5	-----	Peak
10 352.73	V	47.5	11.3	-----	58.8	-----	68.2	-----	9.4	-----	Peak

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
10 398.29	H	46.6	11.3	-----	57.9	-----	68.2	-----	10.3	-----	Peak
10 404.54	V	46.0	11.4	-----	57.4	-----	68.2	-----	10.8	-----	Peak

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

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
10 515.67	H	48.2	11.6	-----	59.8	-----	68.2	-----	8.4	-----	Peak
10 511.70	V	45.9	11.6	-----	57.5	-----	68.2	-----	10.7	-----	Peak

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
10 597.96	H	46.8	11.8	-----	58.6	-----	68.2	-----	9.6	-----	Peak
10 598.14	H	35.6	11.8	0.1	-----	47.5	-----	54.0	-----	6.5	Average
10 589.67	V	45.4	11.8	-----	57.2	-----	68.2	-----	11.0	-----	Peak
10 599.13	V	34.2	11.8	0.1	-----	46.1	-----	54.0	-----	7.9	Average



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
10 641.47	H	47.4	11.8	-----	59.2	-----	74.0	-----	14.8	-----	Peak
10 635.34	H	35.2	11.8	0.1	-----	47.1	-----	54.0	-----	6.9	Average
10 634.06	V	44.9	11.8	-----	56.7	-----	74.0	-----	17.3	-----	Peak
10 635.11	V	35.1	11.8	0.1	-----	47.0	-----	54.0	-----	7.0	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
11 000.06	H	47.4	12.0	-----	59.4	-----	74.0	-----	14.6	-----	Peak
11 005.84	H	35.5	12.1	0.1	-----	47.7	-----	54.0	-----	6.3	Average
10 992.47	V	45.4	12.0	-----	57.4	-----	74.0	-----	16.6	-----	Peak
11 026.81	V	34.0	12.2	0.1	-----	46.3	-----	54.0	-----	7.7	Average
16 498.41	H	46.9	16.6	-----	63.5	-----	68.2	-----	4.7	-----	Peak
16 505.18	V	47.0	16.6	-----	63.6	-----	68.2	-----	4.6	-----	Peak

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
11 199.86	H	47.8	12.8	-----	60.6	-----	74.0	-----	13.4	-----	Peak
11 195.19	H	36.0	12.7	0.1	-----	48.8	-----	54.0	-----	5.2	Average
11 171.65	V	46.1	12.7	-----	58.8	-----	74.0	-----	15.2	-----	Peak
11 169.61	V	34.5	12.7	0.1	-----	47.3	-----	54.0	-----	6.7	Average

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
11 403.58	H	49.2	12.4	-----	61.6	-----	74.0	-----	12.4	-----	Peak
11 399.90	H	35.1	12.4	0.1	-----	47.6	-----	54.0	-----	6.4	Average
11 384.24	V	43.7	12.2	-----	55.9	-----	74.0	-----	18.1	-----	Peak
11 393.29	V	32.6	12.3	0.1	-----	45.0	-----	54.0	-----	9.0	Average



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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
11 438.46	H	48.5	12.7	-----	61.2	-----	74.0	-----	12.8	-----	Peak
11 437.91	H	35.9	12.7	0.1	-----	48.7	-----	54.0	-----	5.3	Average
11 434.05	V	43.4	12.7	-----	56.1	-----	74.0	-----	17.9	-----	Peak
11 446.79	V	32.0	12.7	0.1	-----	44.8	-----	54.0	-----	9.2	Average

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
11 489.20	H	47.3	12.6	-----	59.9	-----	74.0	-----	14.1	-----	Peak
11 495.75	H	34.0	12.5	0.1	-----	46.6	-----	54.0	-----	7.4	Average
11 501.87	V	43.8	12.5	-----	56.3	-----	74.0	-----	17.7	-----	Peak
11 508.84	V	32.0	12.6	0.1	-----	44.7	-----	54.0	-----	9.3	Average
17 233.00	H	46.4	19.0	-----	65.4	-----	68.2	-----	2.8	-----	Peak
17 227.88	V	46.1	19.0	-----	65.1	-----	68.2	-----	3.1	-----	Peak

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
11 571.33	H	48.1	12.9	-----	61.0	-----	74.0	-----	13.0	-----	Peak
11 570.66	H	34.8	12.9	0.1	-----	47.8	-----	54.0	-----	6.2	Average
11 552.42	V	44.1	12.8	-----	56.9	-----	74.0	-----	17.1	-----	Peak
11 557.01	V	32.3	12.8	0.1	-----	45.2	-----	54.0	-----	8.8	Average
17 436.55	H	43.7	20.2	-----	63.9	-----	68.2	-----	4.3	-----	Peak
17 350.01	V	46.7	19.7	-----	66.4	-----	68.2	-----	1.8	-----	Peak





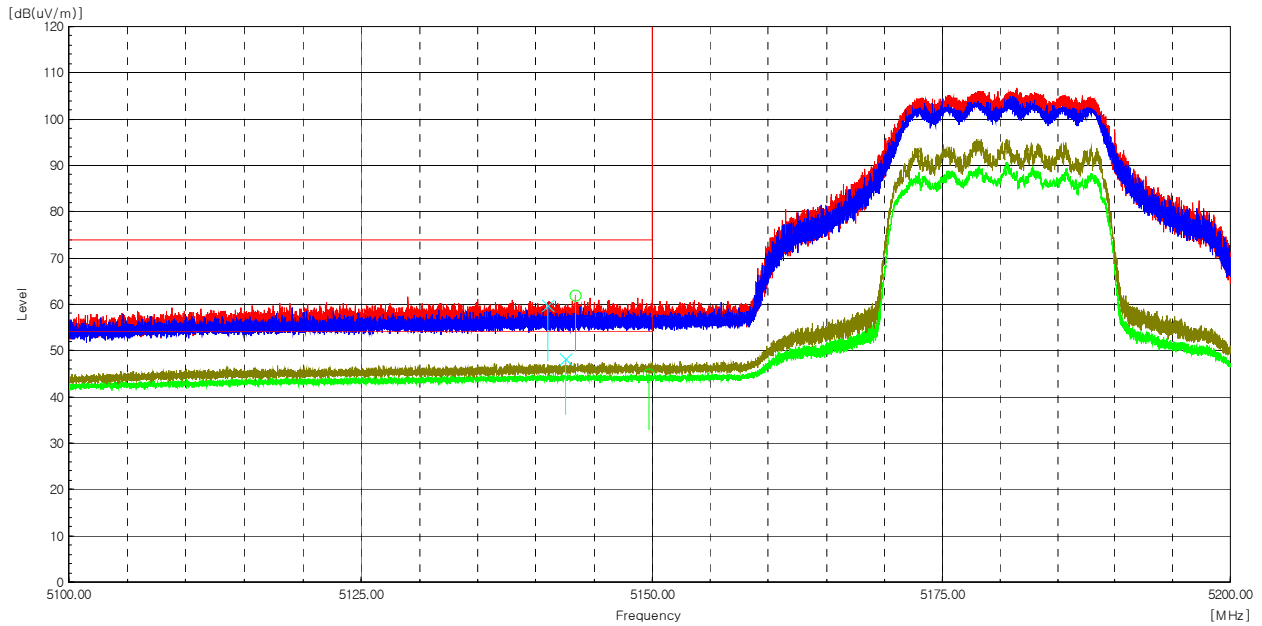
Ch.165(5 825 MHz)

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
11 651.51	H	47.8	12.6	-----	60.4	-----	74.0	-----	13.6	-----	Peak
11 655.79	H	33.9	12.6	0.1	-----	46.6	-----	54.0	-----	7.4	Average
11 650.89	V	43.2	12.7	-----	55.9	-----	74.0	-----	18.1	-----	Peak
11 644.35	V	31.4	12.7	0.1	-----	44.2	-----	54.0	-----	9.8	Average
17 474.66	H	44.6	20.4	-----	65.0	-----	68.2	-----	3.2	-----	Peak
17 466.24	V	46.3	20.4	-----	66.7	-----	68.2	-----	1.5	-----	Peak

**Remarks**

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. Peak Result = Reading + c.f(Correction factor)  
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain

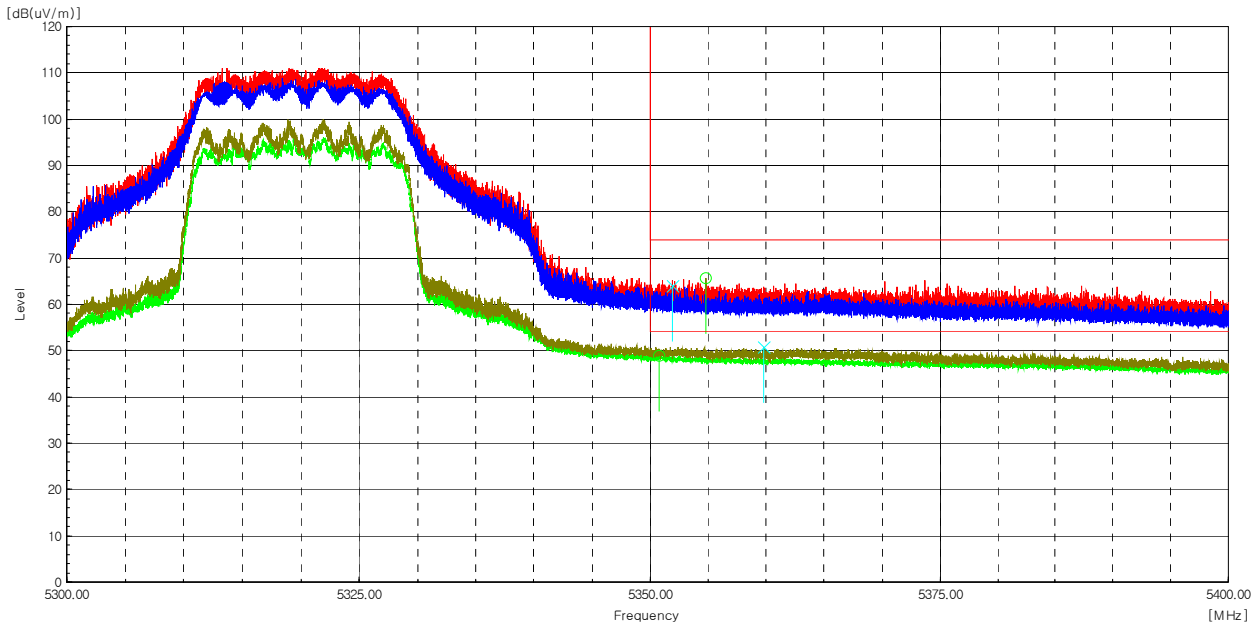
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36



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
5 143.35	H	59.3	2.6	-----	61.9	-----	74.0	-----	12.1	-----	Peak
5 149.68	H	42.3	2.6	0.1	-----	45.0	-----	54.0	-----	9.0	Average
5 141.02	V	57.1	2.6	-----	59.7	-----	74.0	-----	14.3	-----	Peak
5 142.57	V	45.5	2.6	0.1	-----	48.2	-----	54.0	-----	5.8	Average

Radiated Restricted Band Edge Plot

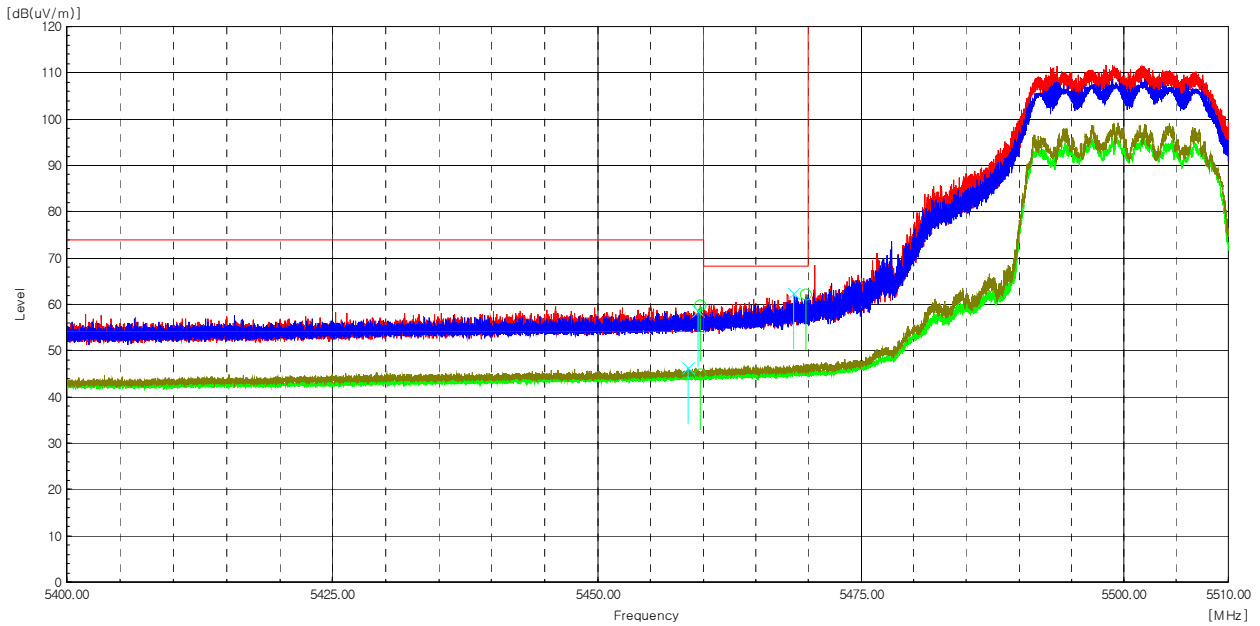
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64



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
5 354.79	H	62.6	3.2	-----	65.8	-----	74.0	-----	8.2	-----	Peak
5 350.81	H	45.8	3.2	0.1	-----	49.1	-----	54.0	-----	4.9	Average
5 351.95	V	60.7	3.2	-----	63.9	-----	74.0	-----	10.1	-----	Peak
5 359.73	V	47.6	3.3	0.1	-----	51.0	-----	54.0	-----	3.0	Average

Radiated Restricted Band Edge Plot

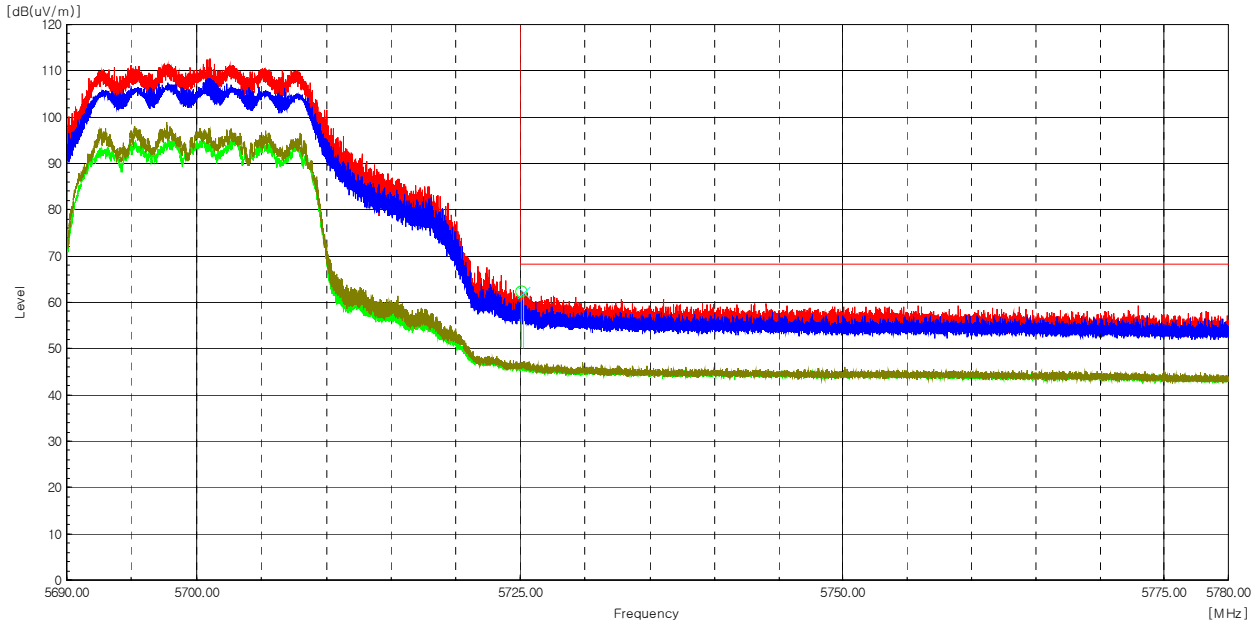
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 459.78	H	56.2	3.6	-----	59.8	-----	74.0	-----	14.2	-----	Peak
5 459.72	H	41.4	3.6	0.1	-----	45.1	-----	54.0	-----	8.9	Peak
5 459.50	V	55.0	3.6	-----	58.6	-----	74.0	-----	15.4	-----	Peak
5 458.55	V	42.8	3.6	0.1	-----	46.5	-----	54.0	-----	7.5	Average
5 469.73	H	58.5	3.7	-----	62.2	-----	68.2	-----	6.0	-----	Peak
5 468.63	V	58.7	3.7	-----	62.4	-----	68.2	-----	5.8	-----	Average

Radiated Restricted Band Edge Plot

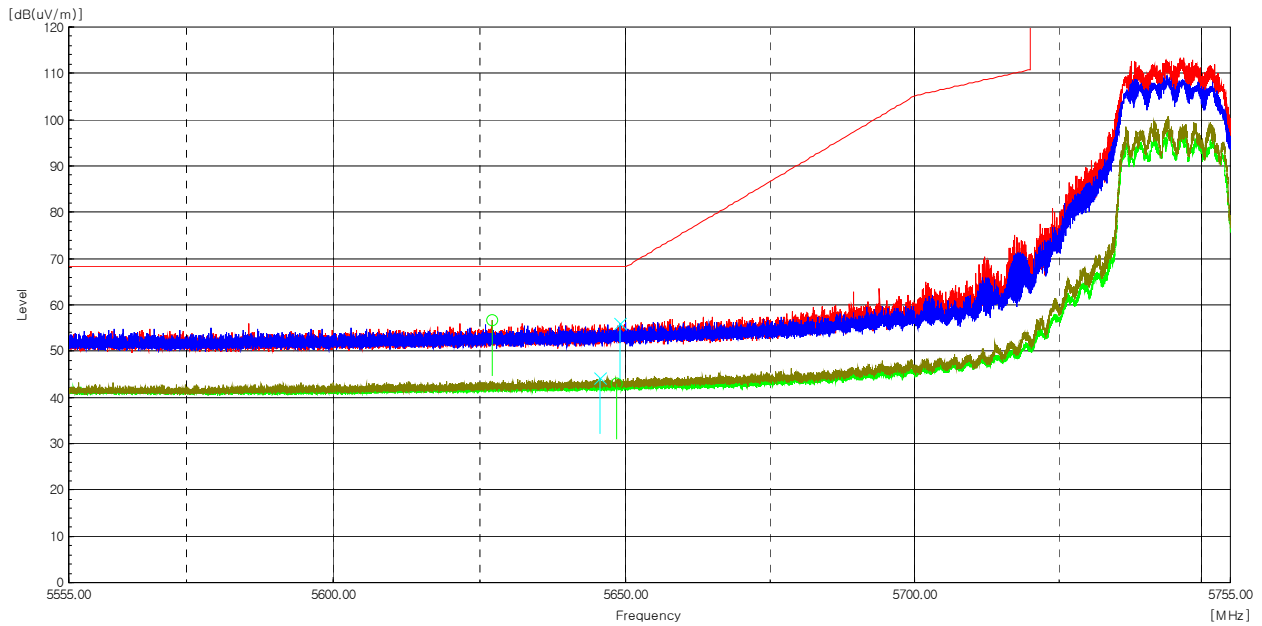
Worst Case Mode :	802.11n_HT20
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 725.08	H	58.3	4.2	-----	62.5	-----	68.2	-----	5.7	-----	Peak
5 725.25	V	57.9	4.2	-----	62.1	-----	68.2	-----	6.1	-----	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)]	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
5 627.05	H	52.6	4.1	-----	56.7	-----	68.2	-----	11.5	-----	Peak
5 649.12	V	51.8	4.1	-----	55.9	-----	68.2	-----	12.3	-----	Peak

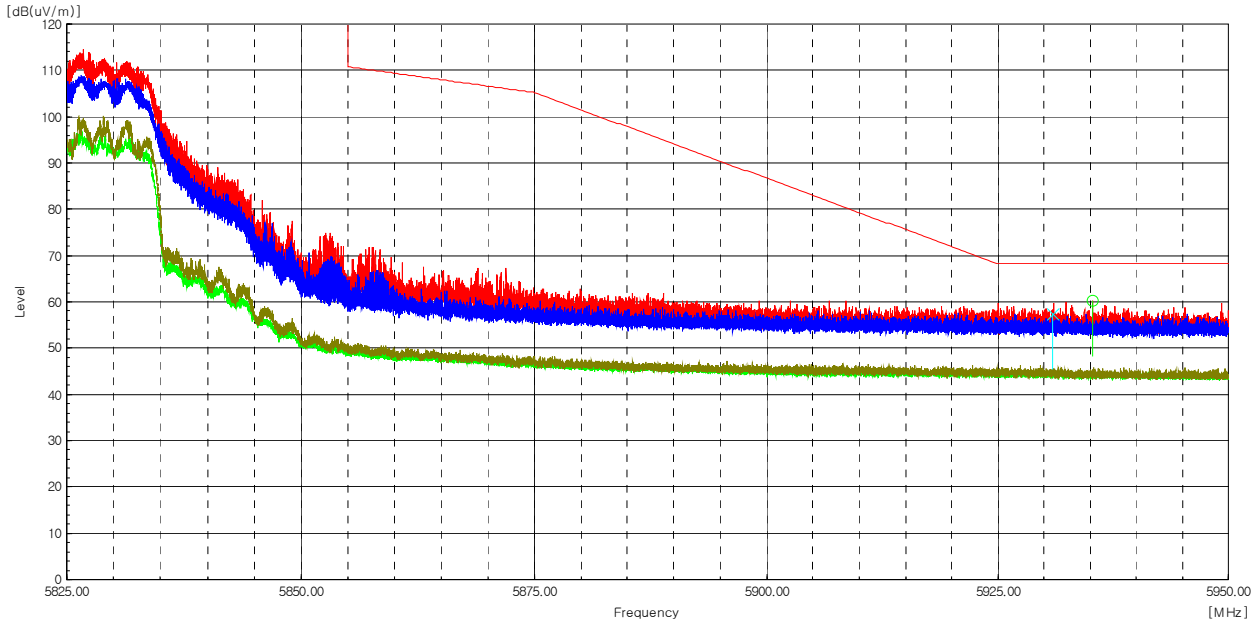
Radiated Restricted Band Edge Plot



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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)]	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
5 935.28	H	55.4	4.9	-----	60.3	-----	68.2	-----	7.9	-----	Peak
5 930.87	V	52.5	5.0	-----	57.5	-----	68.2	-----	10.7	-----	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)]	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.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
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The emissions above 1 GHz were 20 dB lower than the limit.

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

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
10 522.51	H	46.3	11.6	-----	57.9	-----	68.2	-----	10.3	-----	Peak
10 527.24	V	45.7	11.7	-----	57.4	-----	68.2	-----	10.8	-----	Peak

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
10 598.25	H	46.8	11.8	-----	58.6	-----	68.2	-----	9.6	-----	Peak
10 598.49	H	33.9	11.8	0.3	-----	46.0	-----	54.0	-----	8.0	Average
10 602.87	V	44.1	11.8	-----	55.9	-----	74.0	-----	18.1	-----	Peak
10 603.92	V	33.5	11.8	0.3	-----	45.6	-----	54.0	-----	8.4	Average



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
10 643.93	H	45.4	11.8	-----	57.2	-----	74.0	-----	16.8	-----	Peak
10 636.80	H	33.5	11.8	0.3	-----	45.6	-----	54.0	-----	8.4	Average
10 634.35	V	44.6	11.8	-----	56.4	-----	74.0	-----	17.6	-----	Peak
10 640.01	V	32.8	11.8	0.3	-----	44.9	-----	54.0	-----	9.1	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
10 997.38	H	46.6	12.0	-----	58.6	-----	74.0	-----	15.4	-----	Peak
11 006.66	H	34.6	12.1	0.3	-----	47.0	-----	54.0	-----	7.0	Average
11 015.07	V	45.5	12.1	-----	57.6	-----	74.0	-----	16.4	-----	Peak
11 002.69	V	34.2	12.0	0.3	-----	46.5	-----	54.0	-----	7.5	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
11 196.53	H	49.3	12.7	-----	62.0	-----	74.0	-----	12.0	-----	Peak
11 204.88	H	35.7	12.8	0.3	-----	48.8	-----	54.0	-----	5.2	Average
11 206.81	V	45.4	12.8	-----	58.2	-----	74.0	-----	15.8	-----	Peak
11 190.69	V	34.1	12.7	0.3	-----	47.1	-----	54.0	-----	6.9	Average

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
11 396.15	H	50.2	12.3	-----	62.5	-----	74.0	-----	11.5	-----	Peak
11 399.65	H	36.2	12.4	0.3	-----	48.9	-----	54.0	-----	5.1	Average
11 420.91	V	44.8	12.6	-----	57.4	-----	74.0	-----	16.6	-----	Peak
11 389.72	V	34.7	12.3	0.3	-----	47.3	-----	54.0	-----	6.7	Average



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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
11 443.22	H	48.5	12.7	-----	61.2	-----	74.0	-----	12.8	-----	Peak
11 442.93	H	35.7	12.7	0.3	-----	48.7	-----	54.0	-----	5.3	Average
11 444.39	V	45.1	12.7	-----	57.8	-----	74.0	-----	16.2	-----	Peak
11 435.63	V	34.2	12.7	0.3	-----	47.2	-----	54.0	-----	6.8	Average

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
11 489.65	H	47.7	12.6	-----	60.3	-----	74.0	-----	13.7	-----	Peak
11 488.72	H	35.0	12.6	0.3	-----	47.9	-----	54.0	-----	6.1	Average
11 463.43	V	45.2	12.7	-----	57.9	-----	74.0	-----	16.1	-----	Peak
11 513.19	V	33.8	12.6	0.3	-----	46.7	-----	54.0	-----	7.3	Average

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
11 566.22	H	48.2	12.9	-----	61.1	-----	74.0	-----	12.9	-----	Peak
11 566.63	H	35.6	12.9	0.3	-----	48.8	-----	54.0	-----	5.2	Average
11 555.06	V	45.8	12.8	-----	58.6	-----	74.0	-----	15.4	-----	Peak
11 616.91	V	33.9	12.9	0.3	-----	47.1	-----	54.0	-----	6.9	Average
17 429.65	H	46.6	20.1	-----	66.7	-----	68.2	-----	1.5	-----	Peak
17 430.53	V	46.1	20.1	-----	66.2	-----	68.2	-----	2.0	-----	Peak



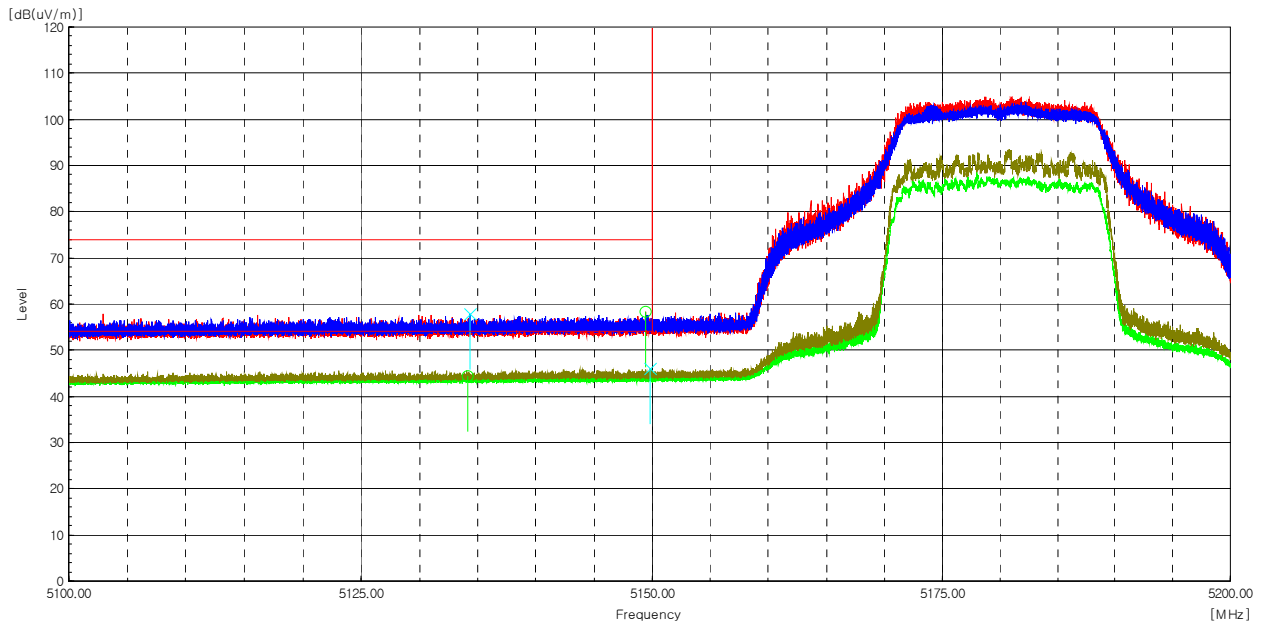
Ch.165(5 825 MHz)

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
11 646.75	H	47.3	12.7	-----	60.0	-----	74.0	-----	14.0	-----	Peak
11 643.66	H	35.4	12.7	0.3	-----	48.4	-----	54.0	-----	5.6	Average
11 629.29	V	45.3	12.9	-----	58.2	-----	74.0	-----	15.8	-----	Peak
11 644.36	V	34.3	12.7	0.3	-----	47.3	-----	54.0	-----	6.7	Average
17 458.87	H	46.2	20.4	-----	66.6	-----	68.2	-----	1.6	-----	Peak
17 473.48	V	46.5	20.4	-----	66.9	-----	68.2	-----	1.3	-----	Peak

**Remarks**

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. Peak Result = Reading + c.f(Correction factor)  
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain

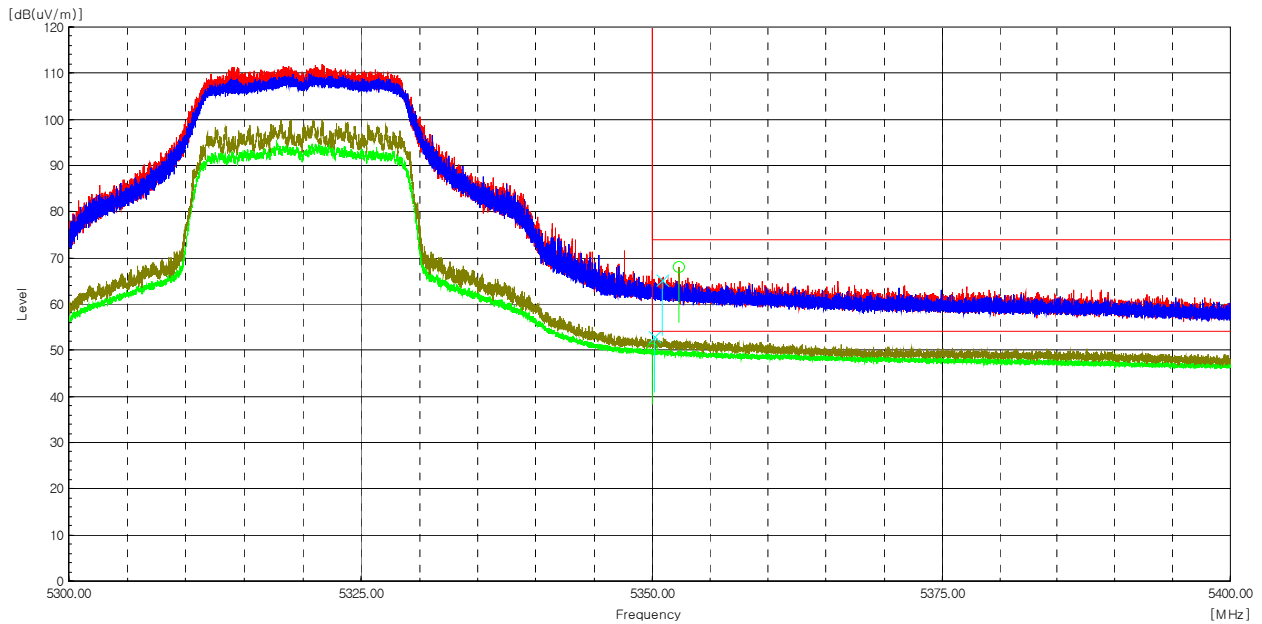
Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36



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
5 149.46	H	55.7	2.6	-----	58.3	-----	74.0	-----	15.7	-----	Peak
5 134.16	H	41.9	2.6	0.3	-----	44.8	-----	54.0	-----	9.2	Average
5 134.30	V	55.2	2.6	-----	57.8	-----	74.0	-----	16.2	-----	Peak
5 149.76	V	43.4	2.6	0.3	-----	46.3	-----	54.0	-----	7.7	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 :	5 320 MHz
Channel :	64



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
5 352.35	H	64.9	3.2	-----	68.1	-----	74.0	-----	5.9	-----	Peak
5 350.00	H	47.0	3.2	0.3	-----	50.5	-----	54.0	-----	3.5	Average
5 350.84	V	62.1	3.2	-----	65.3	-----	74.0	-----	8.7	-----	Peak
5 350.21	V	49.7	3.2	0.3	-----	53.2	-----	54.0	-----	0.8	Average

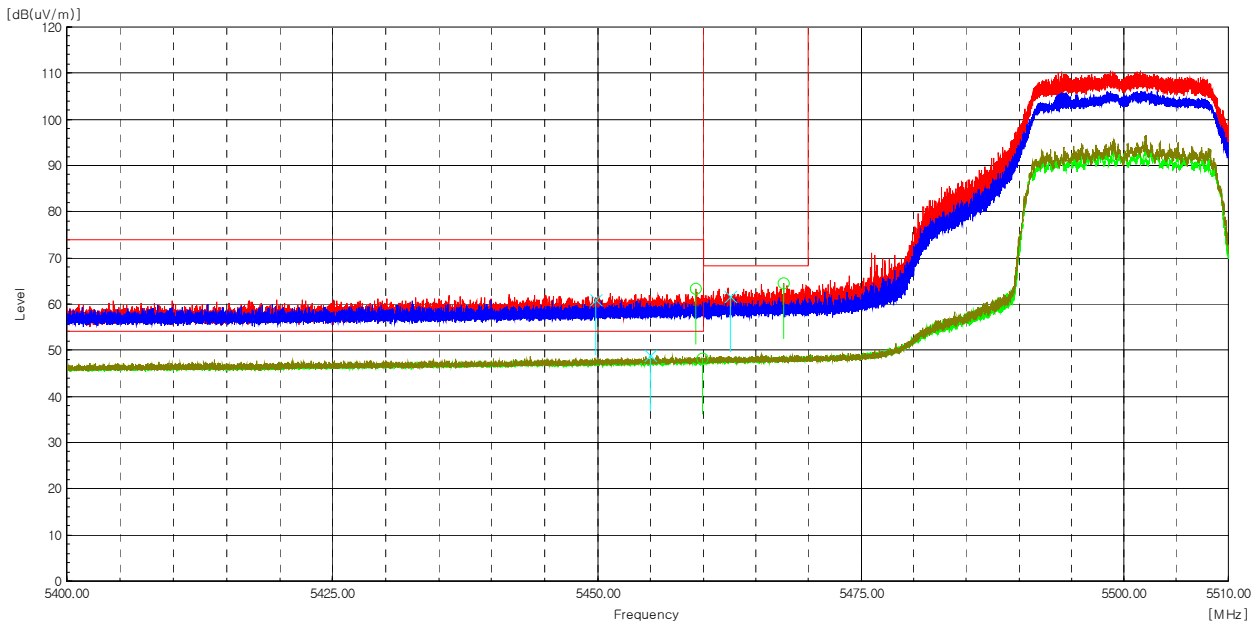
Radiated Restricted Band Edge Plot



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Report No.:  
 CTK-2023-01326  
 Page (400) / (539) Pages

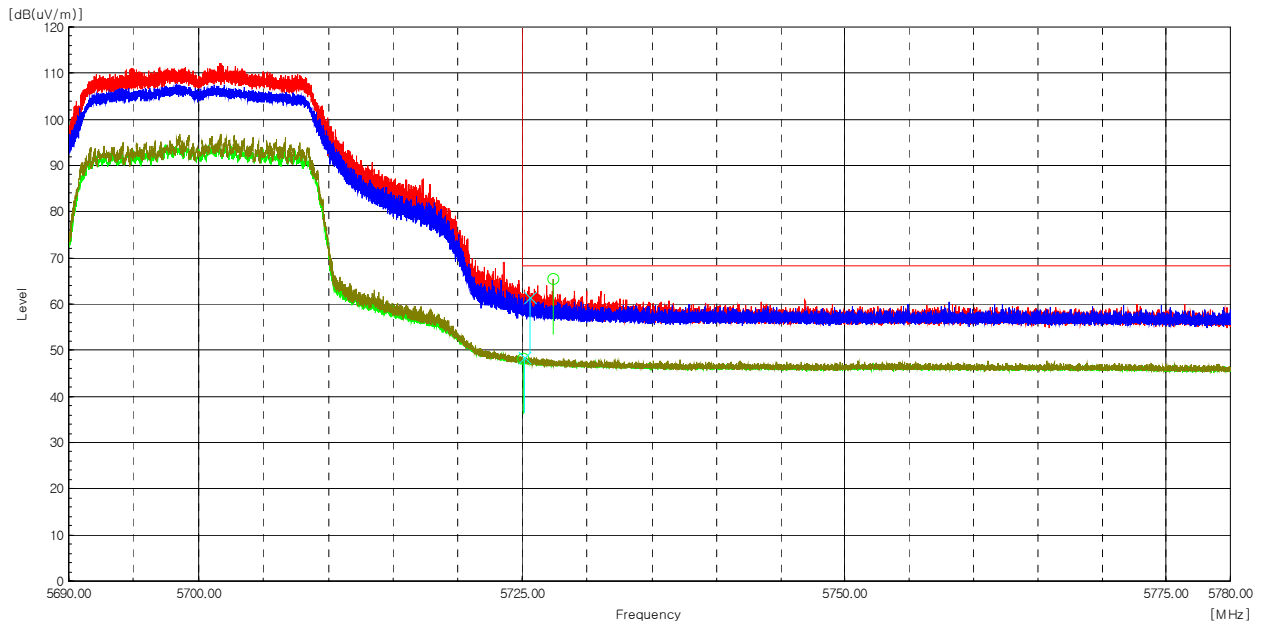
Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 459.31	H	59.7	3.6	-----	63.3	-----	74.0	-----	10.7	-----	Peak
5 459.95	H	44.5	3.6	0.3	-----	48.4	-----	54.0	-----	5.6	Average
5 449.86	V	57.3	3.6	-----	60.9	-----	74.0	-----	13.1	-----	Peak
5 455.02	V	45.4	3.6	0.3	-----	49.3	-----	54.0	-----	4.7	Average
5 467.60	H	60.8	3.7	-----	64.5	-----	68.2	-----	3.7	-----	Peak
5 462.61	V	57.8	3.7	-----	61.5	-----	68.2	-----	6.7	-----	Peak

Radiated Restricted Band Edge Plot

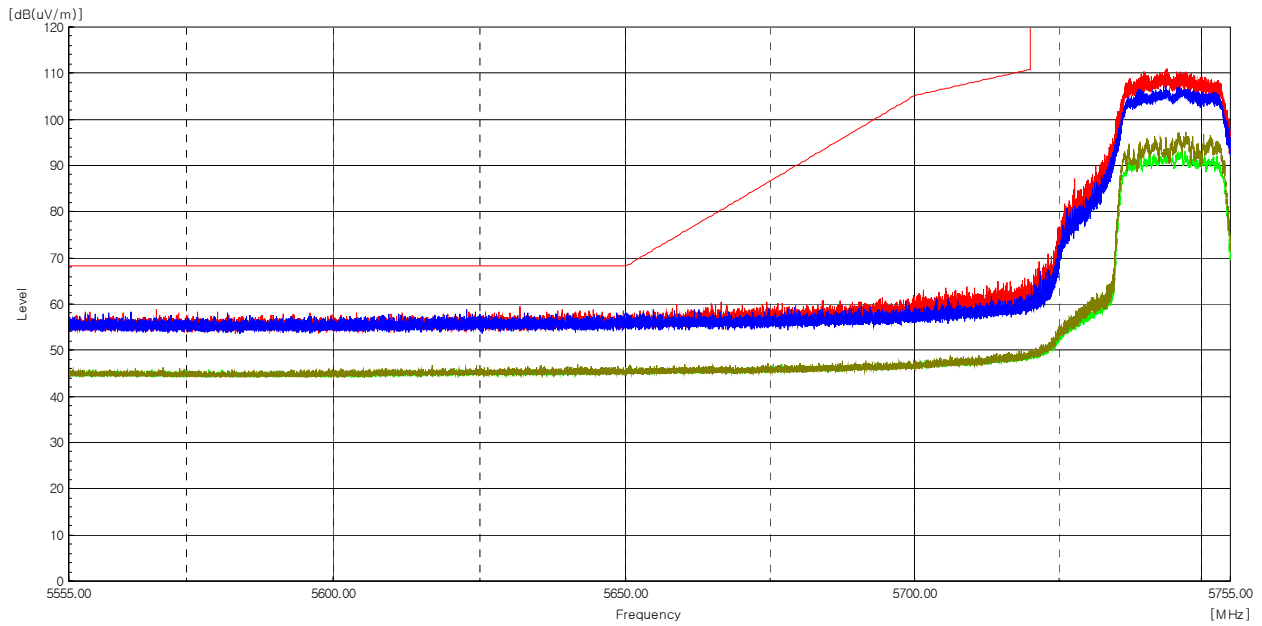
Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



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
5 727.34	H	61.2	4.2	-----	65.4	-----	68.2	-----	2.8	-----	Peak
5 725.54	V	57.1	4.2	-----	61.3	-----	68.2	-----	6.9	-----	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)]	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.

### Radiated Restricted Band Edge Plot

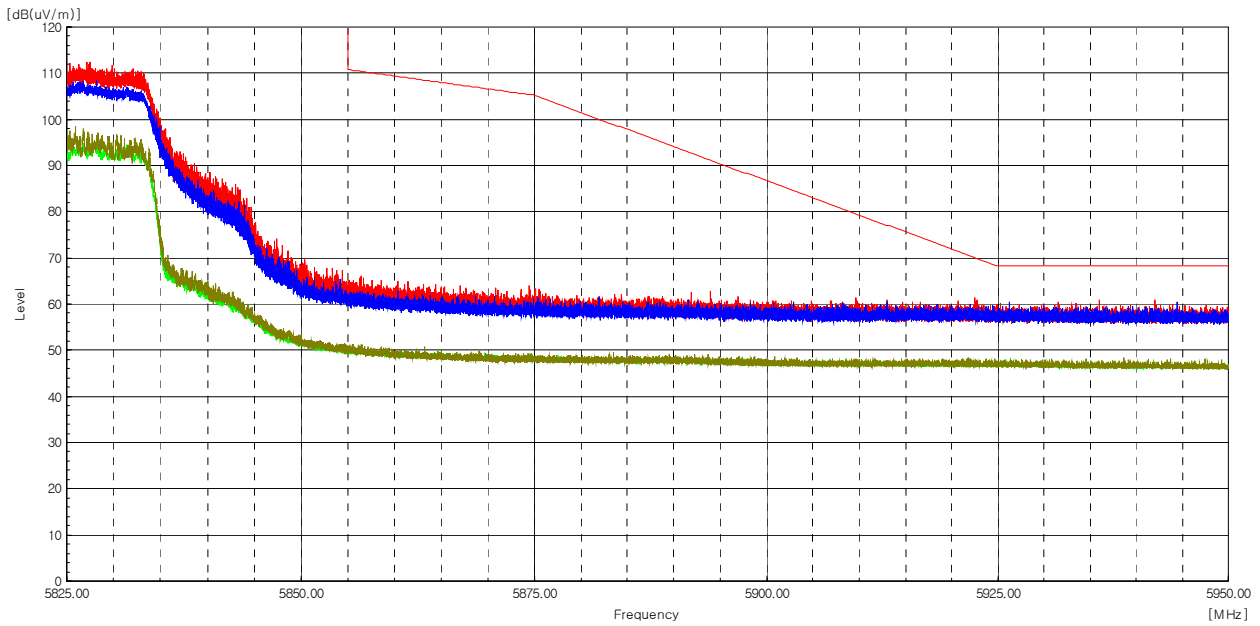




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Worst Case Mode :	802.11ac_VHT20
Worst Case Transfer Rate :	MNSS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 825 MHz
Channel :	165



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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.

### Radiated Restricted Band Edge Plot



**Test mode : Transmitter, 802.11ax\_HE20\_26T**

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

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

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

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

**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
10 536.52	H	46.0	11.7	-----	57.7	-----	68.2	-----	10.5	-----	Peak
10 535.54	V	43.0	11.7	-----	54.7	-----	68.2	-----	13.5	-----	Peak

**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
10 617.98	H	45.1	11.8	-----	56.9	-----	74.0	-----	17.1	-----	Peak
10 618.10	H	32.7	11.8	0.2	-----	44.7	-----	54.0	-----	9.3	Average
10 617.25	V	42.3	11.8	-----	54.1	-----	74.0	-----	19.9	-----	Peak
10 617.55	V	32.1	11.8	0.2	-----	44.1	-----	54.0	-----	9.9	Average

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
10 656.66	H	46.3	11.8	-----	58.1	-----	74.0	-----	15.9	-----	Peak
10 657.64	H	32.8	11.8	0.2	-----	44.8	-----	54.0	-----	9.2	Average
10 656.72	V	42.7	11.8	-----	54.5	-----	74.0	-----	19.5	-----	Peak
10 659.42	V	31.5	11.8	0.2	-----	43.5	-----	54.0	-----	10.5	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
11 017.02	H	48.1	12.1	-----	60.2	-----	74.0	-----	13.8	-----	Peak
11 015.98	H	34.3	12.1	0.2	-----	46.6	-----	54.0	-----	7.4	Average
11 017.76	V	42.4	12.1	-----	54.5	-----	74.0	-----	19.5	-----	Peak
11 016.96	V	32.1	12.1	0.2	-----	44.4	-----	54.0	-----	9.6	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
11 216.91	H	47.1	12.8	-----	59.9	-----	74.0	-----	14.1	-----	Peak
11 217.21	H	34.3	12.8	0.2	-----	47.3	-----	54.0	-----	6.7	Average
11 218.50	V	43.8	12.8	-----	56.6	-----	74.0	-----	17.4	-----	Peak
11 215.26	V	32.1	12.8	0.2	-----	45.1	-----	54.0	-----	8.9	Average

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
11 417.04	H	49.3	12.5	-----	61.8	-----	74.0	-----	12.2	-----	Peak
11 416.37	H	34.7	12.5	0.2	-----	47.4	-----	54.0	-----	6.6	Average
11 417.29	V	42.7	12.5	-----	55.2	-----	74.0	-----	18.8	-----	Peak
11 416.00	V	33.0	12.5	0.2	-----	45.7	-----	54.0	-----	8.3	Average

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
11 456.58	H	47.8	12.7	-----	60.5	-----	74.0	-----	13.5	-----	Peak
11 456.88	H	33.9	12.7	0.2	-----	46.8	-----	54.0	-----	7.2	Average
11 454.62	V	42.9	12.7	-----	55.6	-----	74.0	-----	18.4	-----	Peak
11 454.50	V	31.5	12.7	0.2	-----	44.4	-----	54.0	-----	9.6	Average

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
11 506.64	H	53.0	12.5	-----	65.5	-----	74.0	-----	8.5	-----	Peak
11 506.83	H	36.8	12.5	0.2	-----	49.5	-----	54.0	-----	4.5	Average
11 505.78	V	44.1	12.5	-----	56.6	-----	74.0	-----	17.4	-----	Peak
11 507.74	V	32.6	12.5	0.2	-----	45.3	-----	54.0	-----	8.7	Average

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
11 586.75	H	51.2	13.0	-----	64.2	-----	74.0	-----	9.8	-----	Peak
11 586.51	H	36.5	13.0	0.2	-----	49.7	-----	54.0	-----	4.3	Average
11 588.29	V	43.8	13.0	-----	56.8	-----	74.0	-----	17.2	-----	Peak
11 587.06	V	31.5	13.0	0.2	-----	44.7	-----	54.0	-----	9.3	Average

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
11 667.60	H	52.2	12.5	-----	64.7	-----	74.0	-----	9.3	-----	Peak
11 666.75	H	36.5	12.5	0.2	-----	49.2	-----	54.0	-----	4.8	Average
11 666.87	V	42.5	12.5	-----	55.0	-----	74.0	-----	19.0	-----	Peak
11 666.20	V	31.4	12.5	0.2	-----	44.1	-----	54.0	-----	9.9	Average

**Remarks**

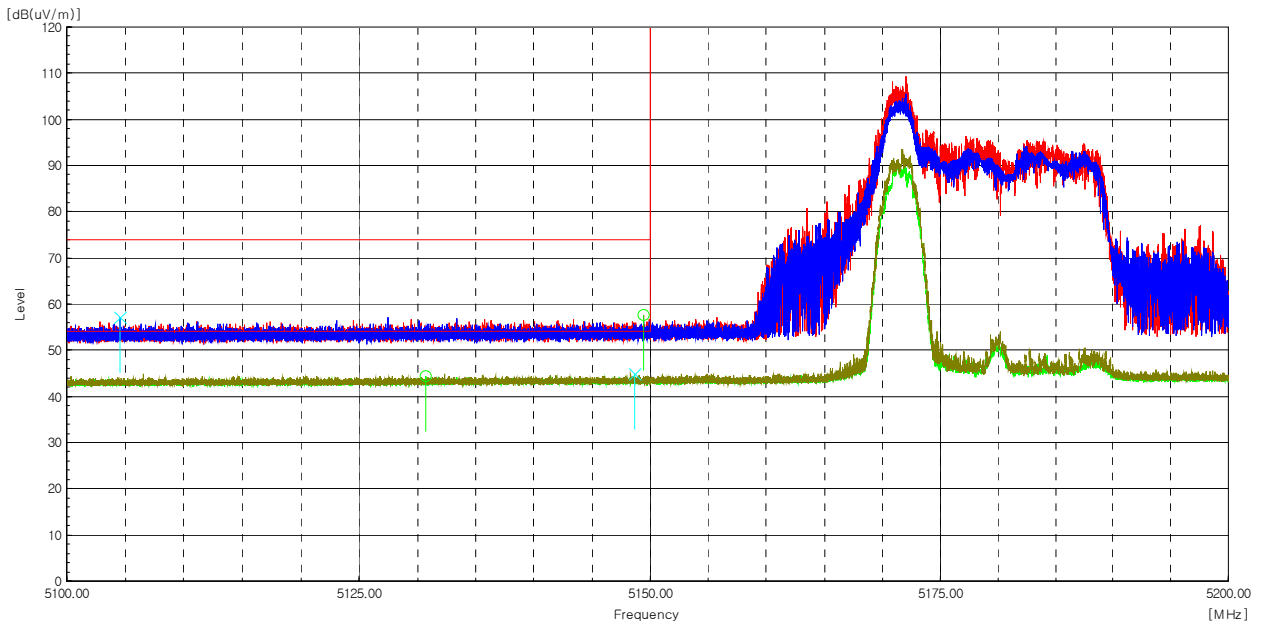
1. The unwanted emission was measured in the following position: EUT stand-up position(Z axis), lie-down position(X,Y axis). The worst emission was found in lie-down position(Y axis) and the worst case was recorded.
2. Peak Result = Reading + c.f(Correction factor)  
Average Result = Reading + c.f(Correction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



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Report No.:  
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Worst Case Mode :	802.11ax_HE20_26T
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)]	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.

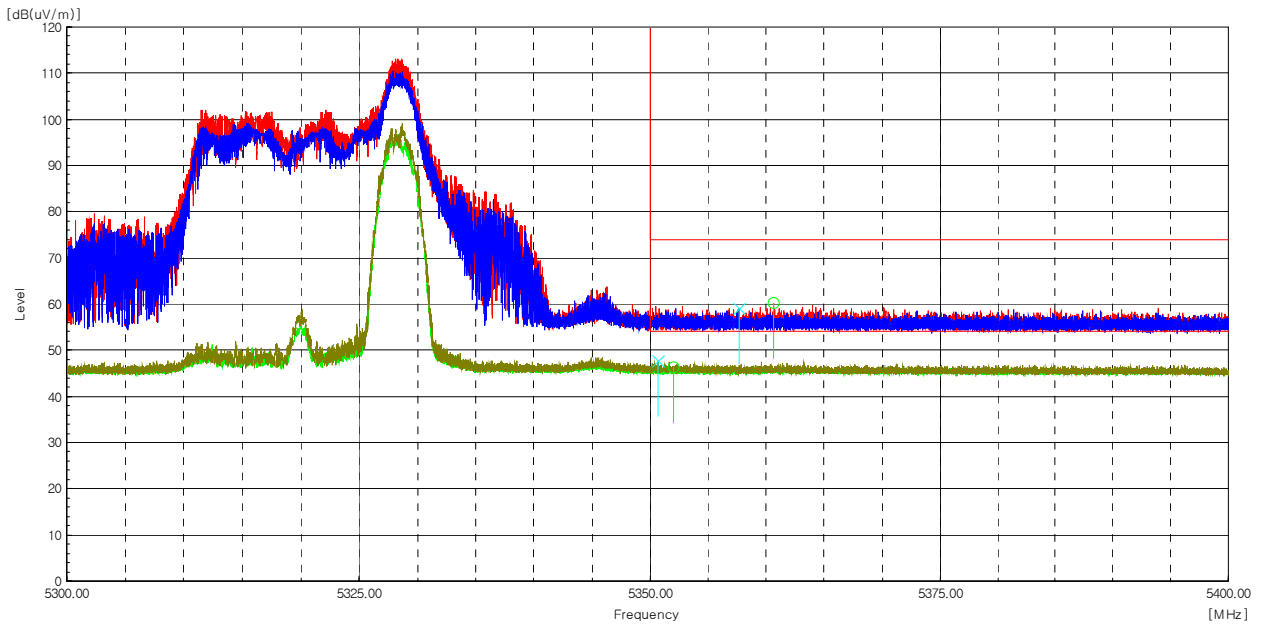
Radiated Restricted Band Edge Plot



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Report No.:  
 CTK-2023-01326  
 Page (408) / (539) Pages

Worst Case Mode :	802.11ax_HE20_26T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64



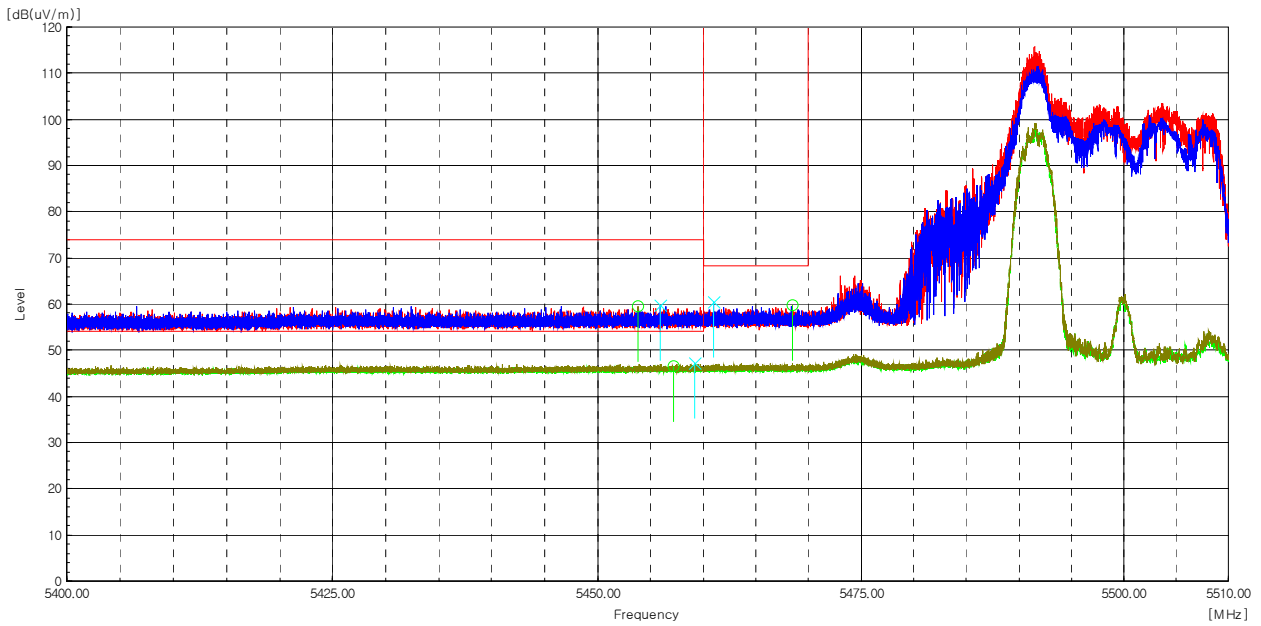
Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
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The emissions above 1 GHz were 20 dB lower than the limit.

### Radiated Restricted Band Edge Plot



Worst Case Mode :	802.11ax_HE20_26T
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)]	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.

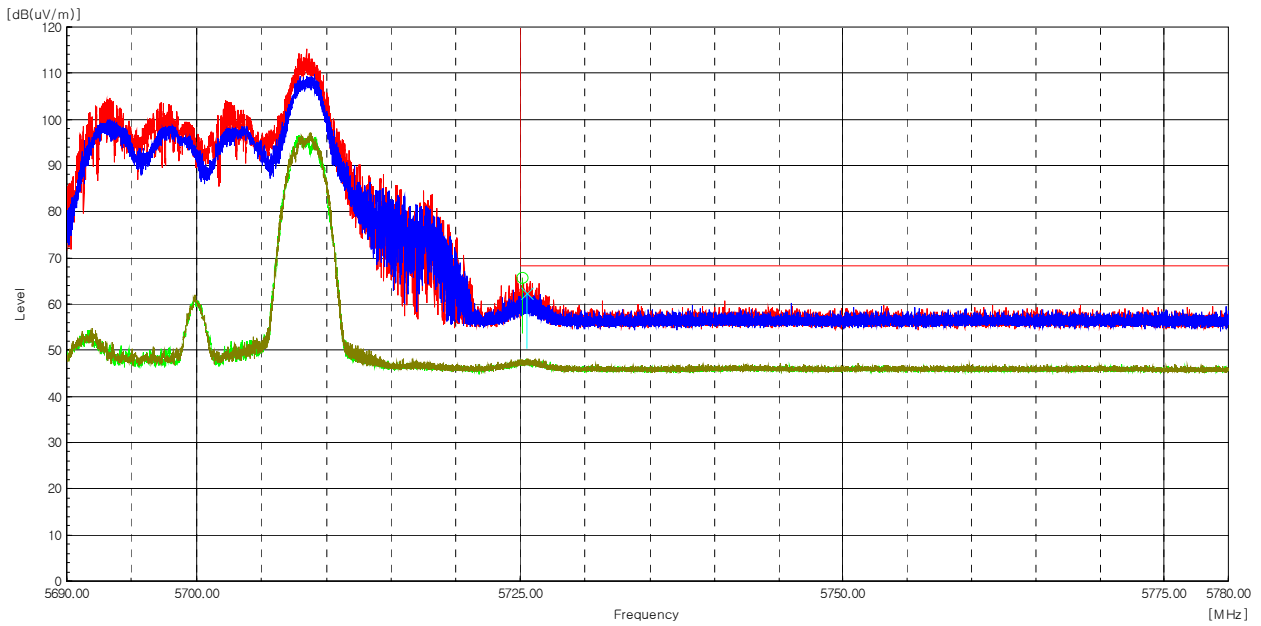
### Radiated Restricted Band Edge Plot



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Report No.:  
 CTK-2023-01326  
 Page (410) / (539) Pages

Worst Case Mode :	802.11ax_HE20_26T
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)]	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
5 725.15	H	61.5	4.2	-----	65.7	-----	68.2	-----	2.5	-----	Peak
5 725.47	V	58.2	4.2	-----	62.4	-----	68.2	-----	5.8	-----	Peak

Radiated Restricted Band Edge Plot

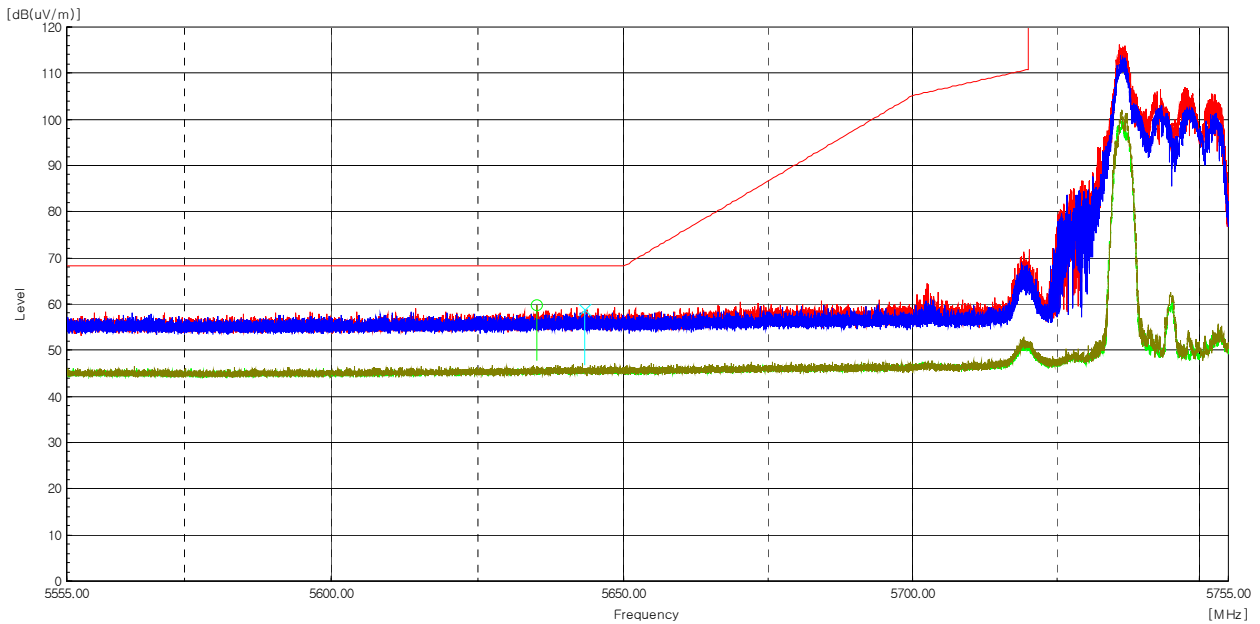




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Worst Case Mode :	802.11ax_HE20_26T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 745 MHz
Channel :	149



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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.

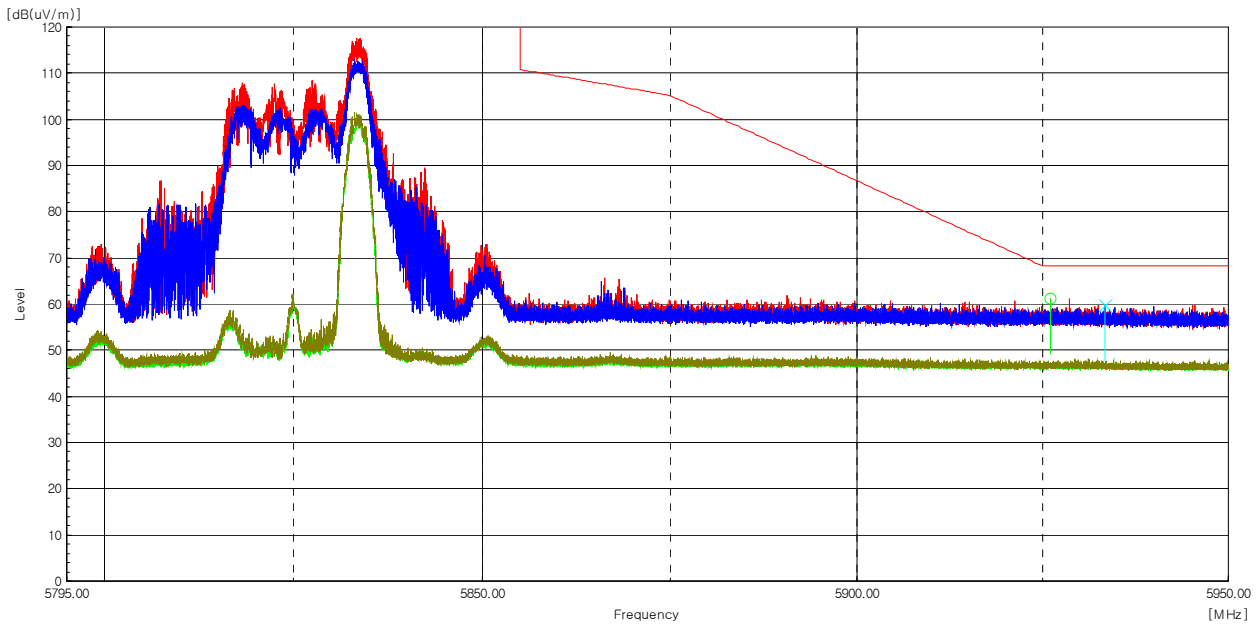
### Radiated Restricted Band Edge Plot



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Report No.:  
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 Page (412) / (539) Pages

Worst Case Mode :	802.11ax_HE20_26T
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)]	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.

### Radiated Restricted Band Edge Plot

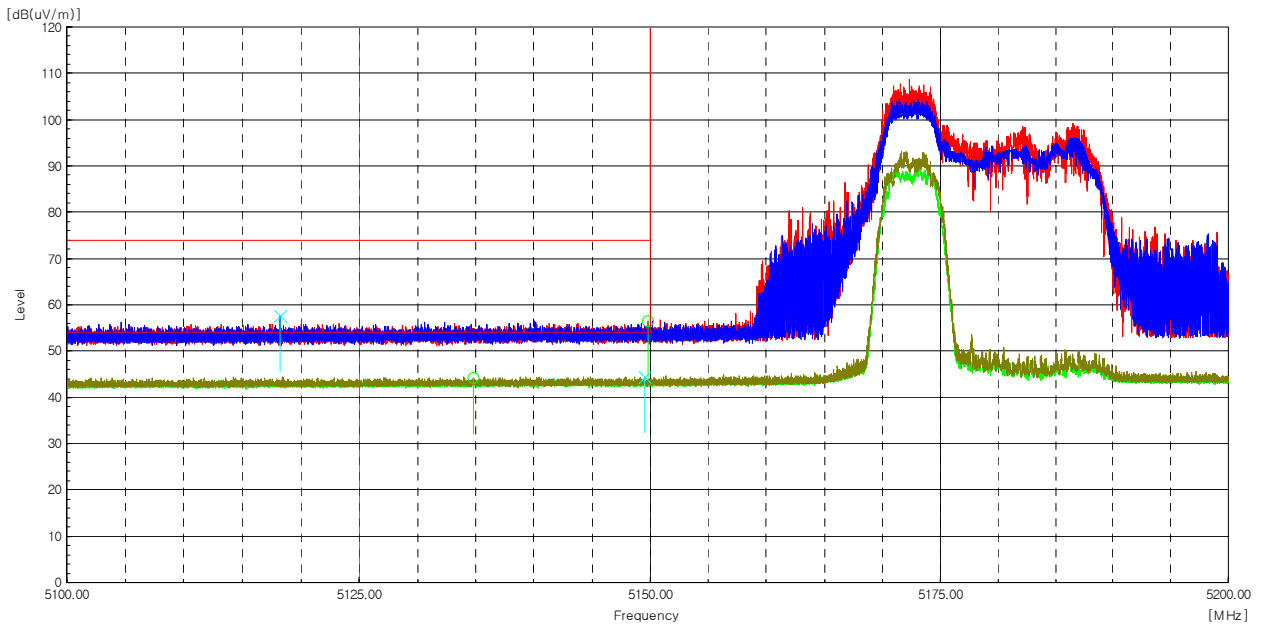


**Test mode : Transmitter, 802.11ax\_HE20\_52T**

The requirements are:  
 Complies

**Test Data**

Worst Case Mode :	802.11ax_HE20_52T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36

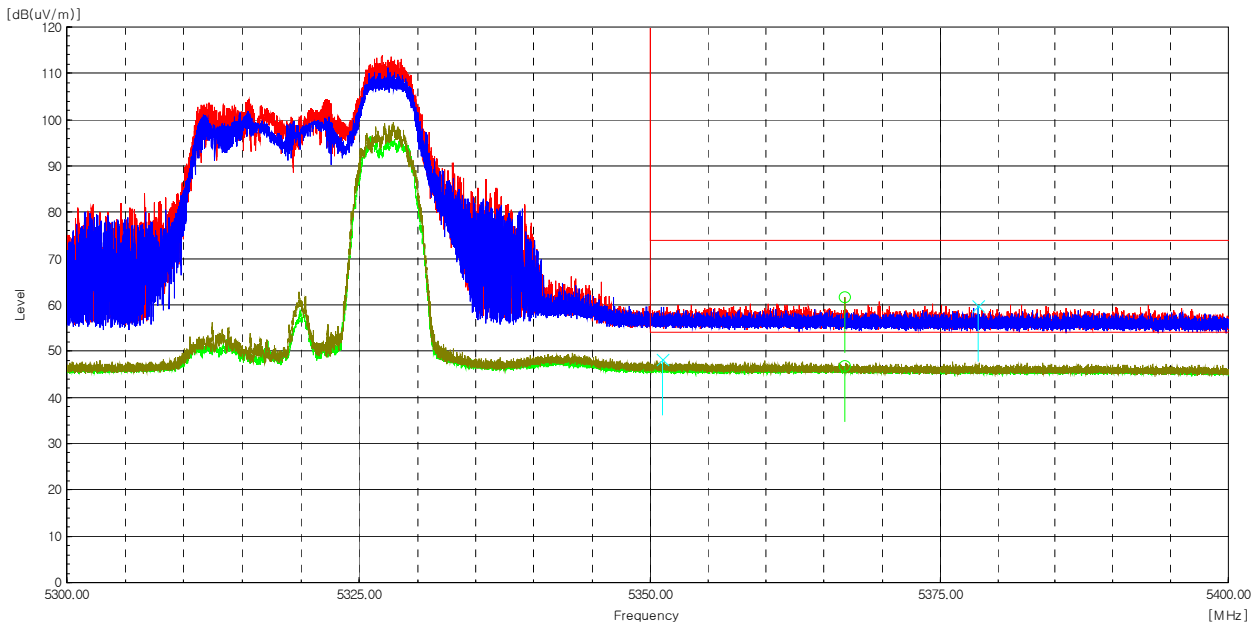


Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
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The emissions above 1 GHz were 20 dB lower than the limit.

**Radiated Restricted Band Edge Plot**

Worst Case Mode :	802.11ax_HE20_52T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64

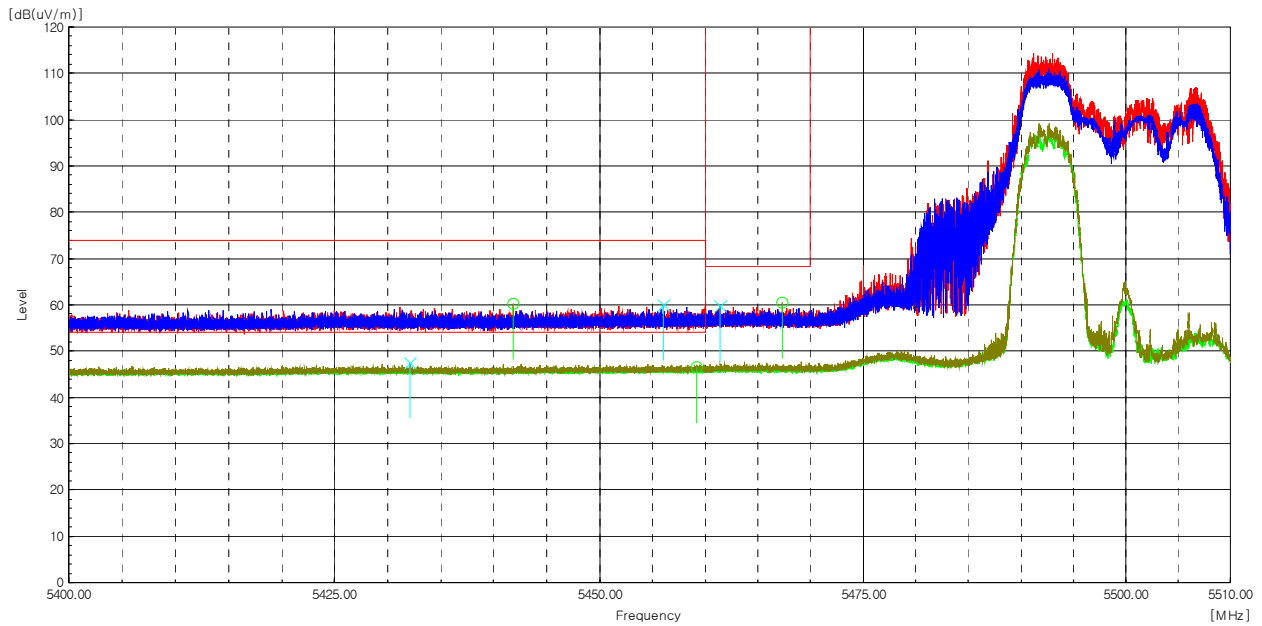


Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
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The emissions above 1 GHz were 20 dB lower than the limit.

### Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11ax_HE20_52T
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)]	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.

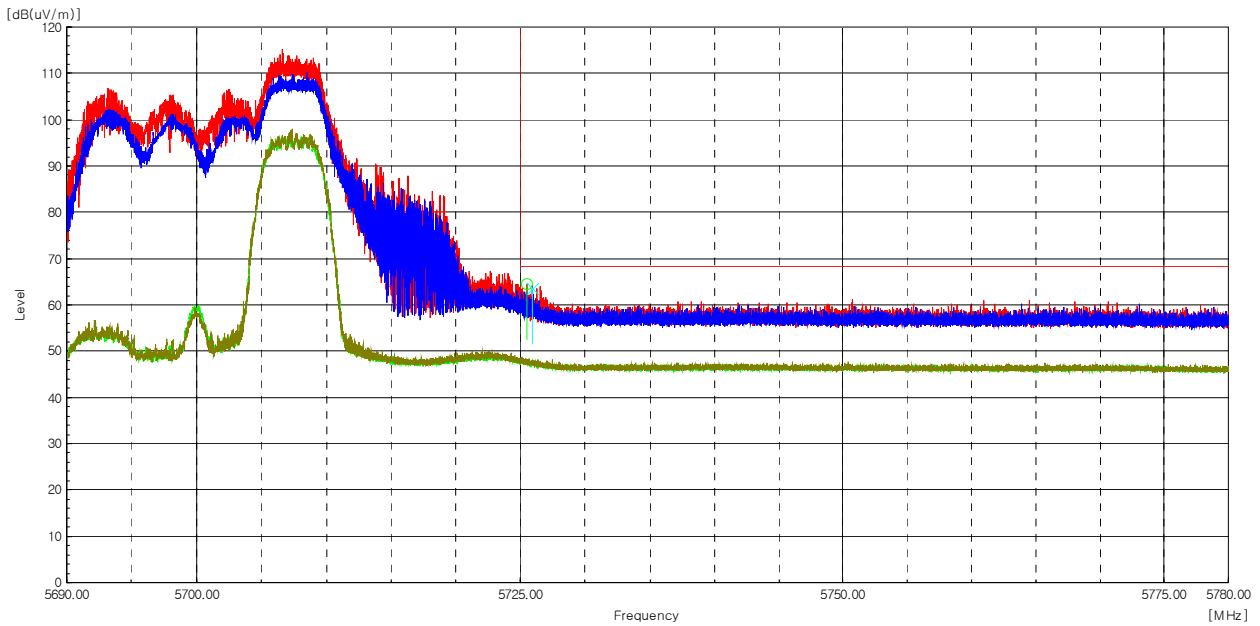
Radiated Restricted Band Edge Plot



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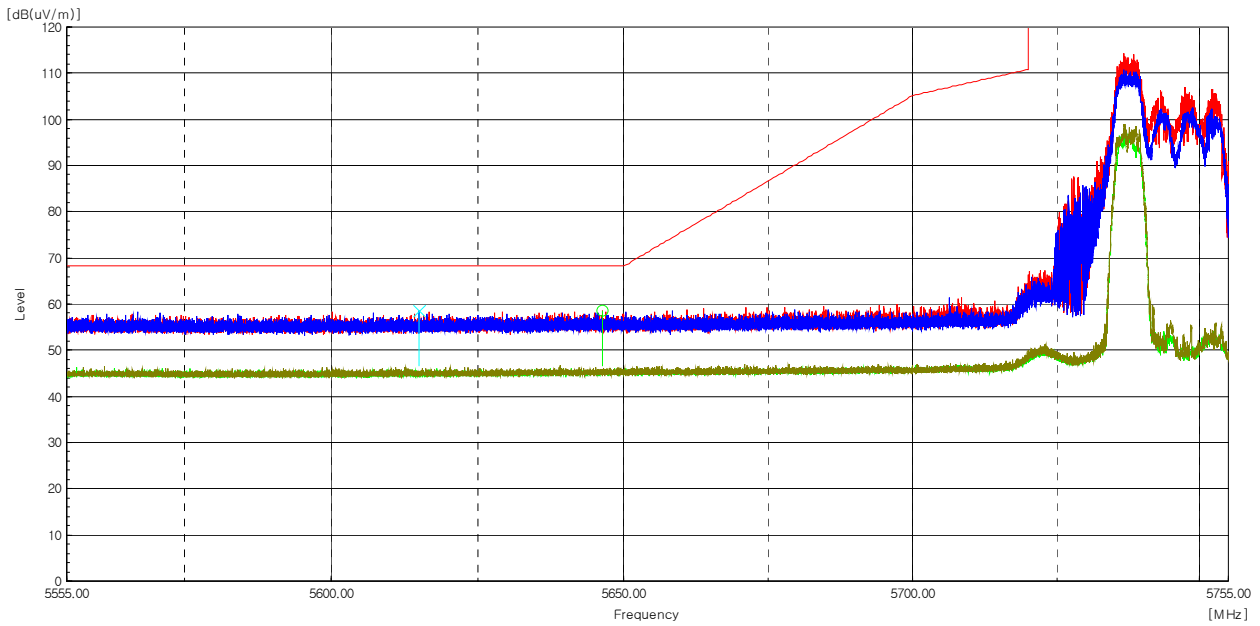
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Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 725.48	H	60.2	4.2	-----	64.4	-----	68.2	-----	3.8	-----	Peak
5 725.88	V	59.3	4.2	-----	63.5	-----	68.2	-----	4.7	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11ax_HE20_52T
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)]	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.

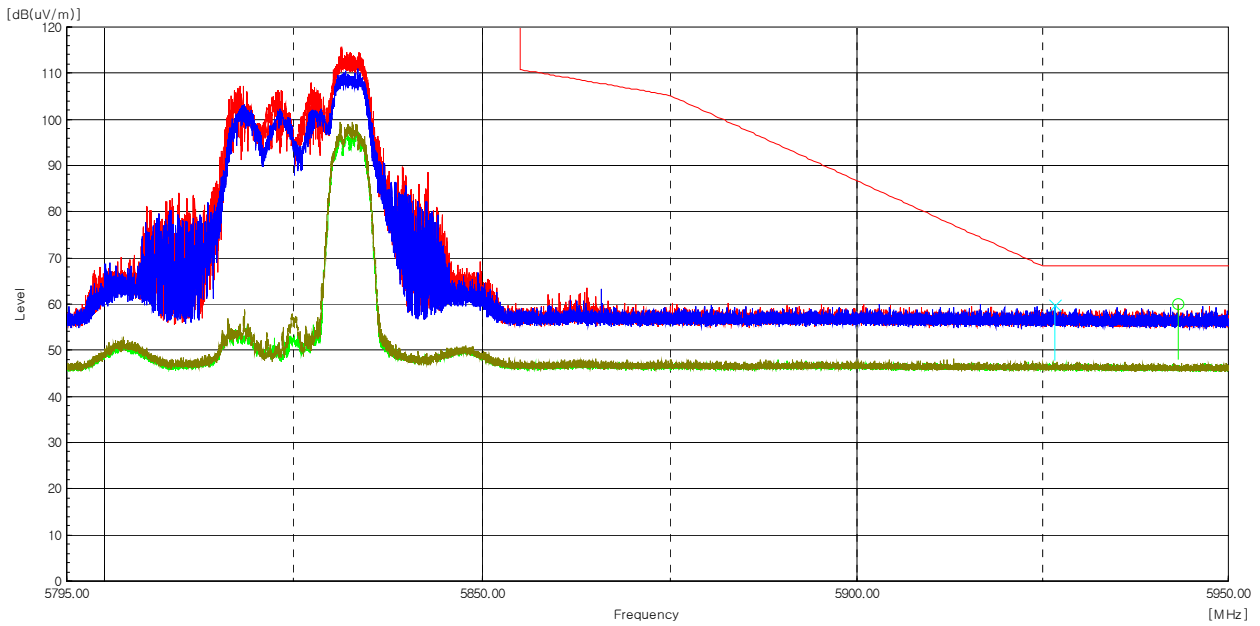
### Radiated Restricted Band Edge Plot



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Worst Case Mode :	802.11ax_HE20_52T
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)]	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.

### Radiated Restricted Band Edge Plot





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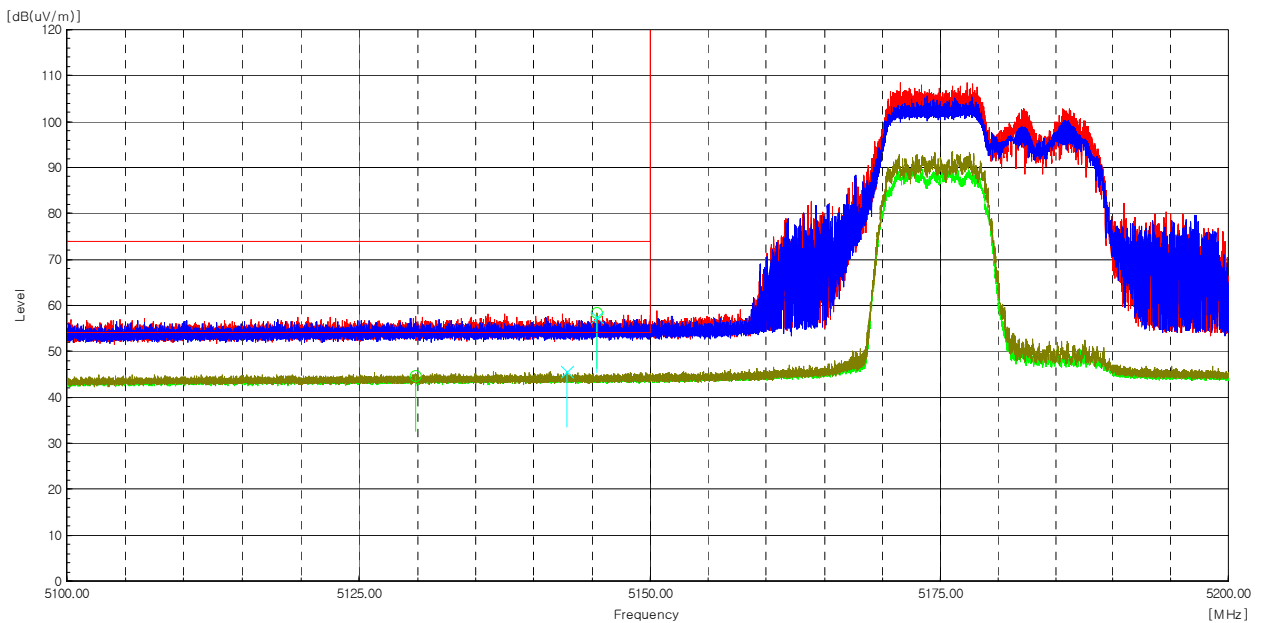
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**Test mode : Transmitter, 802.11ax\_HE20\_106T**

The requirements are:  
 Complies

**Test Data**

Worst Case Mode :	802.11ax_HE20_106T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36

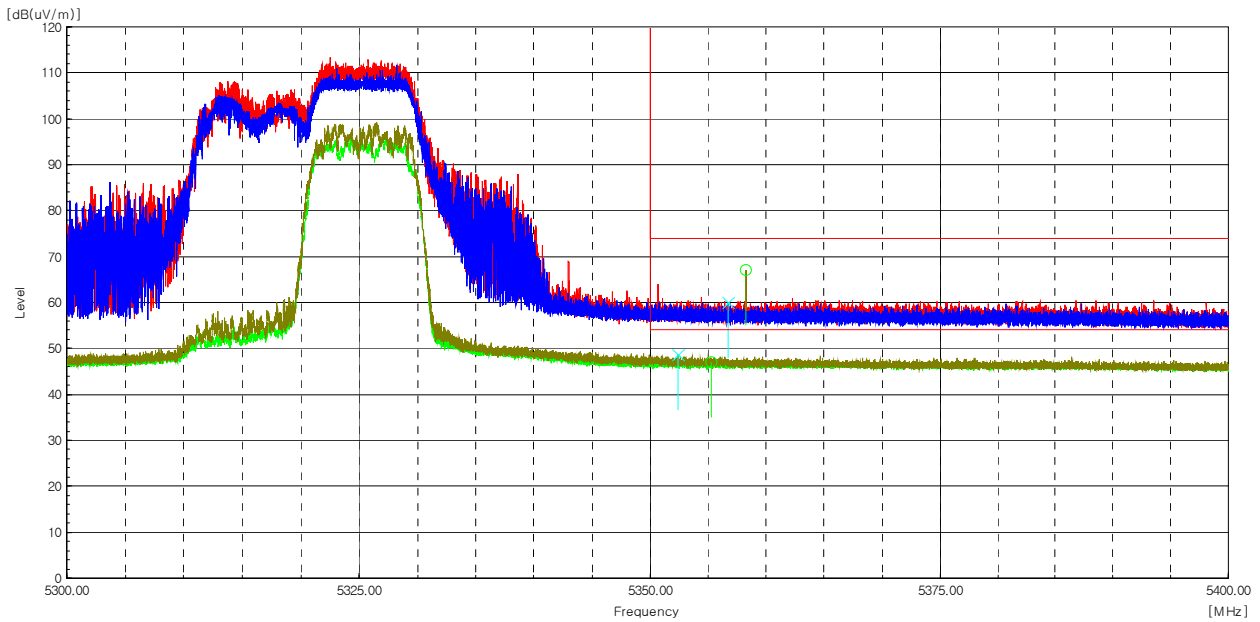


Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dB(uV/m)]	Level AV [dB(uV/m)]	Limit PK [dB(uV/m)]	Limit AV [dB(uV/m)]	Margin PK [dB]	Margin AV [dB]	Note
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The emissions above 1 GHz were 20 dB lower than the limit.

**Radiated Restricted Band Edge Plot**

Worst Case Mode :	802.11ax_HE20_106T
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)]	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
5 358.23	H	63.9	3.2	-----	67.1	-----	74.0	-----	6.9	-----	Peak
5 355.31	H	43.8	3.2	0.2	-----	47.2	-----	54.0	-----	6.8	Average
5 356.69	V	56.8	3.2	-----	60.0	-----	74.0	-----	14.0	-----	Peak
5 352.44	V	45.4	3.2	0.2	-----	48.8	-----	54.0	-----	5.2	Average

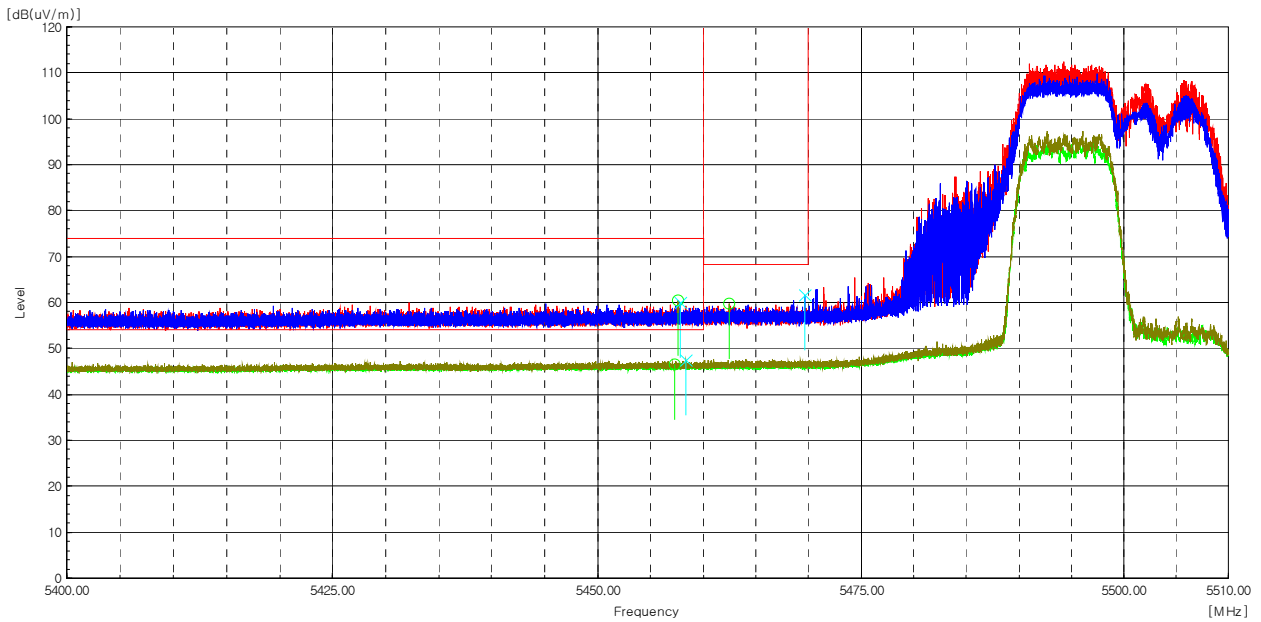
Radiated Restricted Band Edge Plot



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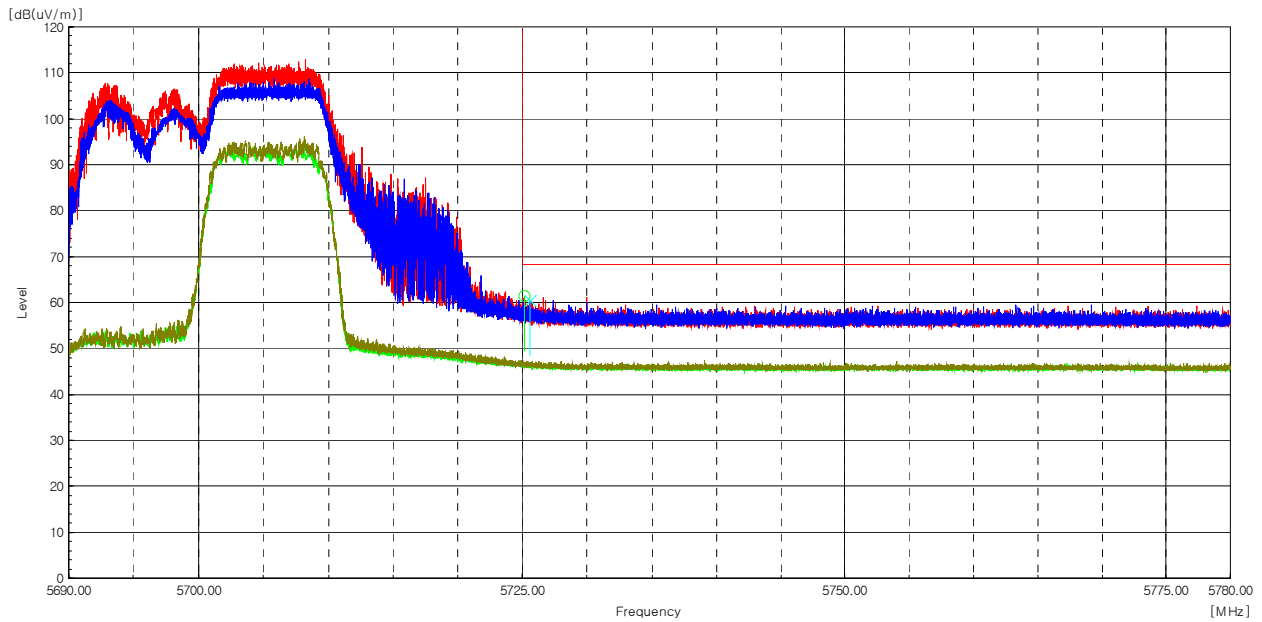
Worst Case Mode :	802.11ax_HE20_106T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 469.65	V	58.0	3.7	-----	61.7	-----	68.2	-----	6.5	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11ax_HE20_106T
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)]	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
5 725.15	H	57.2	4.2	-----	61.4	-----	68.2	-----	6.8	-----	Peak
5 725.60	V	56.3	4.2	-----	60.5	-----	68.2	-----	7.7	-----	Peak

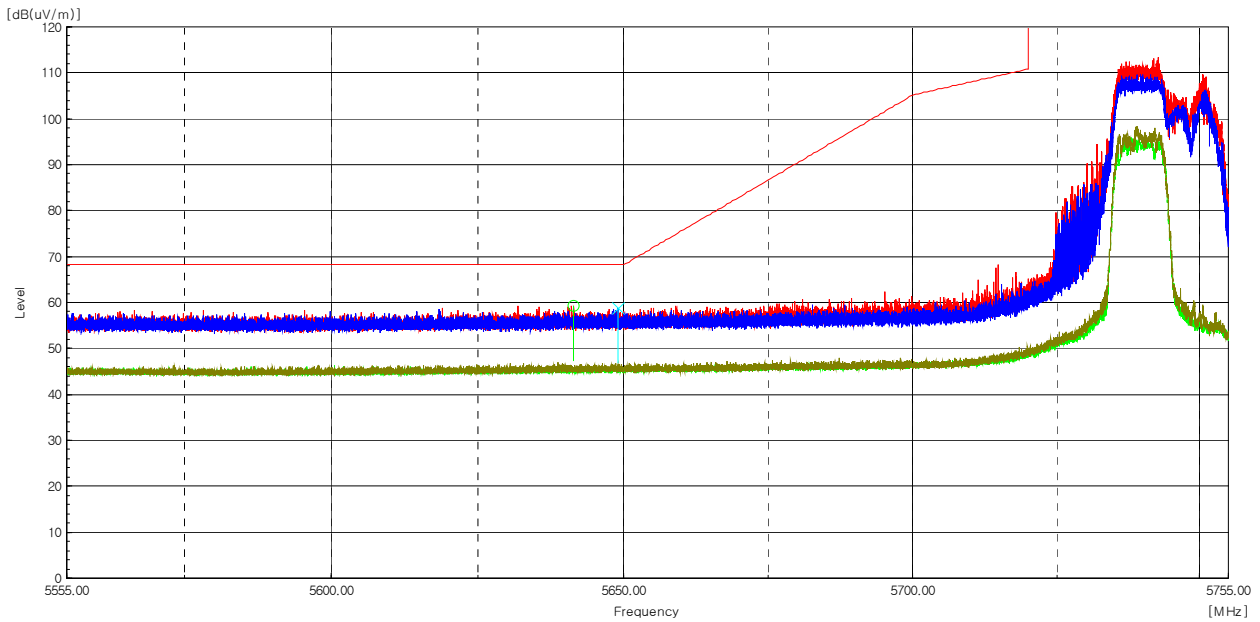
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Worst Case Mode :	802.11ax_HE20_106T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 745 MHz
Channel :	149



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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.

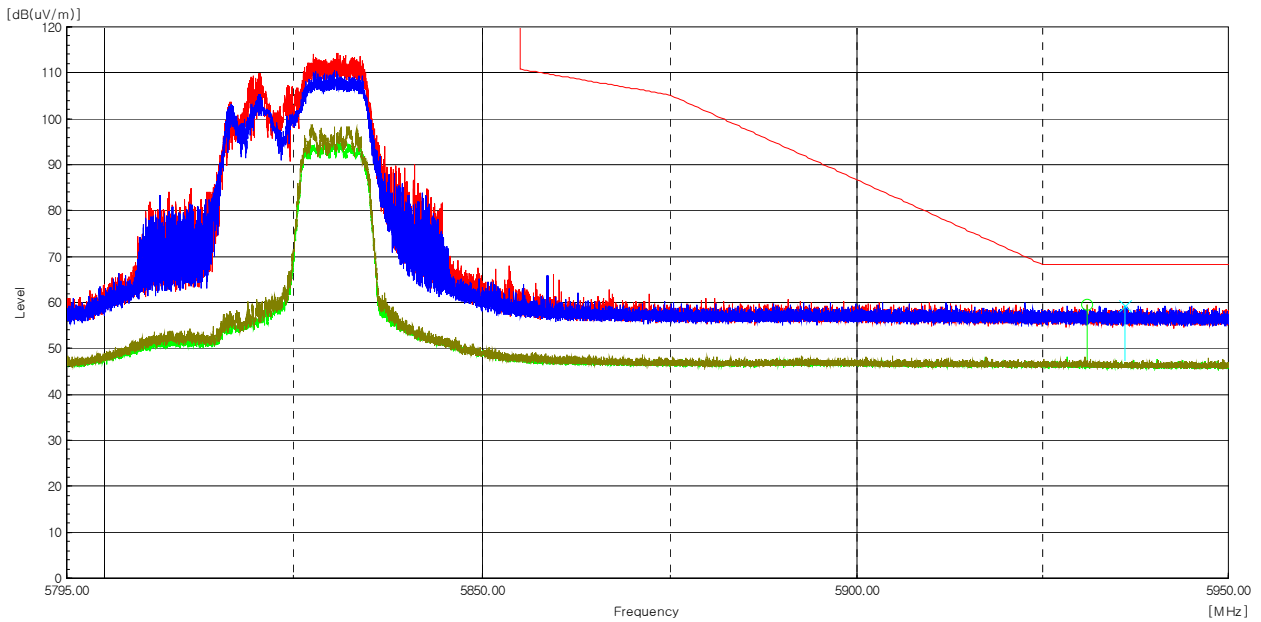
### Radiated Restricted Band Edge Plot



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Worst Case Mode :	802.11ax_HE20_106T
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)]	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.

Radiated Restricted Band Edge Plot



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**Test mode : Transmitter, 802.11ax\_HE20\_242T**

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

**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
10 404.75	H	45.6	11.4	-----	57.0	-----	68.2	-----	11.2	-----	Peak
10 394.90	V	44.8	11.3	-----	57.0	-----	68.2	-----	11.2	-----	Peak

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

**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
10 520.42	H	45.9	11.6	-----	57.0	-----	68.2	-----	11.2	-----	Peak
10 518.04	V	44.1	11.6	-----	57.0	-----	68.2	-----	11.2	-----	Peak

**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
10 599.54	H	47.9	11.8	-----	57.0	-----	68.2	-----	11.2	-----	Peak
10 605.56	H	36.2	11.8	0.3	-----	48.3	-----	54.0	-----	5.7	Average
10 598.43	V	46.9	11.8	-----	57.0	-----	68.2	-----	11.2	-----	Peak
10 587.98	V	35.8	11.8	0.3	-----	47.9	-----	54.0	-----	6.1	Average

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
10 639.78	H	47.6	11.8	-----	59.4	-----	74.0	-----	14.6	-----	Peak
10 627.34	H	35.9	11.8	0.3	-----	48.0	-----	54.0	-----	6.0	Average
10 618.00	V	47.0	11.8	-----	58.8	-----	74.0	-----	15.2	-----	Peak
10 624.77	V	35.6	11.8	0.3	-----	47.7	-----	54.0	-----	6.3	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
11 000.53	H	47.6	12.0	-----	59.6	-----	74.0	-----	14.4	-----	Peak
11 003.68	H	35.9	12.1	0.3	-----	48.3	-----	54.0	-----	5.7	Average
10 991.71	V	46.7	12.0	-----	58.7	-----	74.0	-----	15.3	-----	Peak
10 999.60	V	35.4	12.0	0.3	-----	47.7	-----	54.0	-----	6.3	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
11 198.87	H	48.7	12.7	-----	61.4	-----	74.0	-----	12.6	-----	Peak
11 201.61	H	37.0	12.8	0.3	-----	50.1	-----	54.0	-----	3.9	Average
11 179.53	V	46.6	12.7	-----	59.3	-----	74.0	-----	14.7	-----	Peak
11 201.14	V	35.5	12.8	0.3	-----	48.6	-----	54.0	-----	5.4	Average

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
11 395.62	H	49.0	12.3	-----	61.3	-----	74.0	-----	12.7	-----	Peak
11 400.65	H	36.4	12.4	0.3	-----	49.1	-----	54.0	-----	4.9	Average
11 391.83	V	46.5	12.3	-----	58.8	-----	74.0	-----	15.2	-----	Peak
11 376.47	V	35.4	12.2	0.3	-----	47.9	-----	54.0	-----	6.1	Average





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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
11 427.51	H	47.7	12.6	-----	60.3	-----	74.0	-----	13.7	-----	Peak
11 434.58	H	36.4	12.7	0.3	-----	49.4	-----	54.0	-----	4.6	Average
11 450.23	V	46.0	12.7	-----	58.7	-----	74.0	-----	15.3	-----	Peak
11 451.11	V	34.8	12.7	0.3	-----	47.8	-----	54.0	-----	6.2	Average

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
11 490.58	H	49.5	12.6	-----	62.1	-----	74.0	-----	11.9	-----	Peak
11 487.96	H	35.6	12.6	0.3	-----	48.5	-----	54.0	-----	5.5	Average
11 477.15	V	43.7	12.6	-----	56.3	-----	74.0	-----	17.7	-----	Peak
11 483.87	V	32.8	12.6	0.3	-----	45.7	-----	54.0	-----	8.3	Average

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
11 568.26	H	48.6	12.9	-----	61.5	-----	74.0	-----	12.5	-----	Peak
11 570.25	H	35.9	12.9	0.3	-----	49.1	-----	54.0	-----	4.9	Average
11 567.33	V	43.8	12.9	-----	56.7	-----	74.0	-----	17.3	-----	Peak
11 564.82	V	33.1	12.9	0.3	-----	46.3	-----	54.0	-----	7.7	Average
17 588.59	H	44.7	20.6	-----	65.3	-----	68.2	-----	2.9	-----	Peak
17 623.35	V	44.3	20.7	-----	65.0	-----	68.2	-----	3.2	-----	Peak



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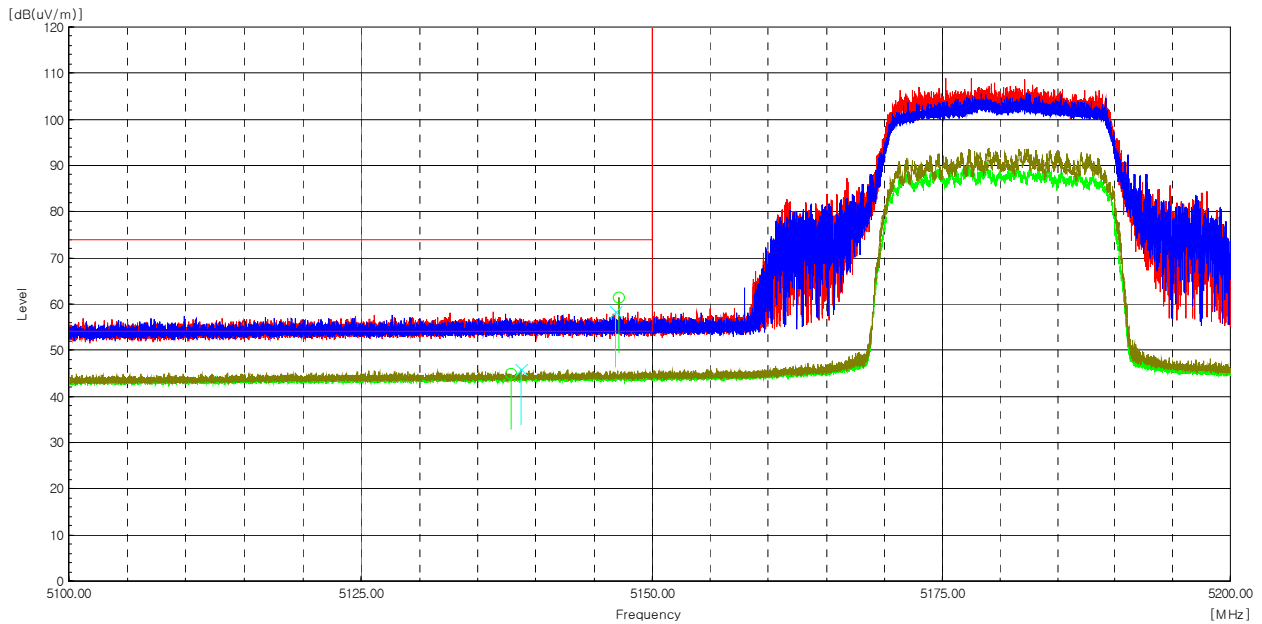
Ch.165(5 825 MHz)

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
11 647.28	H	48.4	12.7	-----	61.1	-----	74.0	-----	12.9	-----	Peak
11 651.89	H	35.2	12.6	0.3	-----	48.1	-----	54.0	-----	5.9	Average
11 645.12	V	43.8	12.7	-----	56.5	-----	74.0	-----	17.5	-----	Peak
11 653.41	V	32.5	12.6	0.3	-----	45.4	-----	54.0	-----	8.6	Average
17 481.58	H	45.3	20.5	-----	65.8	-----	68.2	-----	2.4	-----	Peak
17 477.88	V	46.1	20.5	-----	66.6	-----	68.2	-----	1.6	-----	Peak

**Remarks**

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. Peak Result = Reading + c.f(Correction factor)  
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain

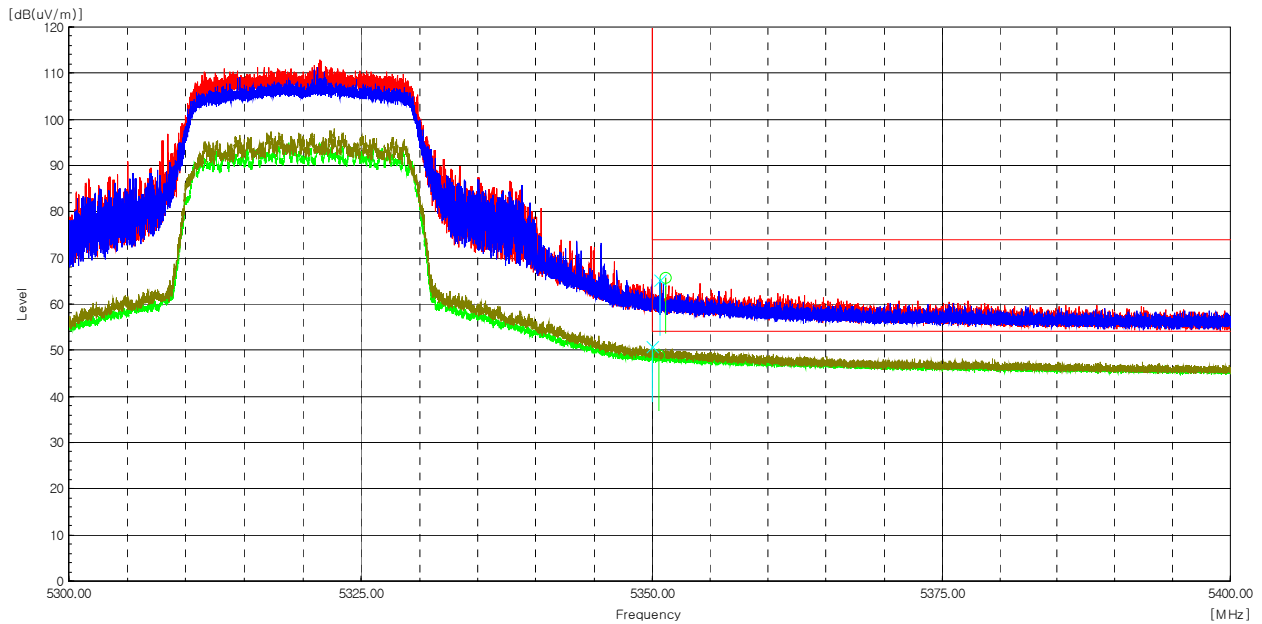
Worst Case Mode :	802.11ax_HE20_242T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 180 MHz
Channel :	36



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 147.13	H	58.8	2.6	-----	61.4	-----	74.0	-----	12.6	-----	Peak
5 137.82	H	42.3	2.6	0.3	-----	45.2	-----	54.0	-----	8.8	Average
5 146.81	V	55.6	2.6	-----	58.2	-----	74.0	-----	15.8	-----	Peak
5 138.69	V	43.3	2.6	0.3	-----	46.2	-----	54.0	-----	7.8	Average

Radiated Restricted Band Edge Plot

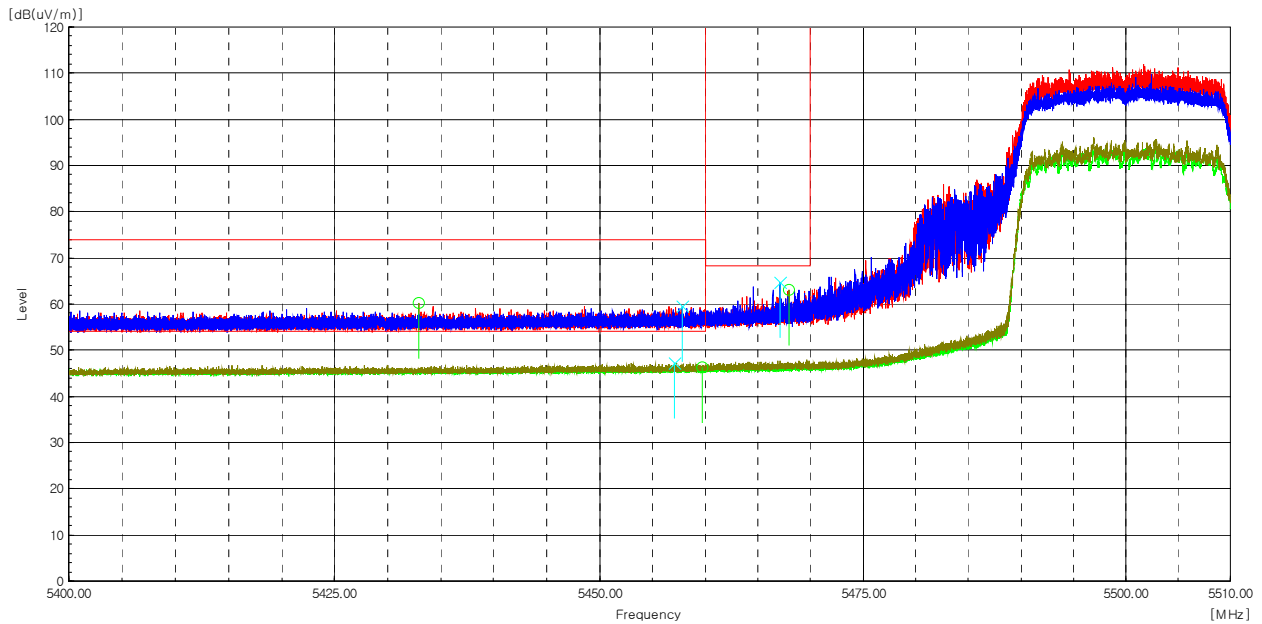
Worst Case Mode :	802.11ax_HE20_242T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 320 MHz
Channel :	64



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 351.16	H	62.5	3.2	-----	65.7	-----	74.0	-----	8.3	-----	Peak
5 350.59	H	45.7	3.2	0.3	-----	49.2	-----	54.0	-----	4.8	Average
5 350.67	V	62.0	3.2	-----	65.2	-----	74.0	-----	8.8	-----	Peak
5 350.03	V	47.7	3.2	0.3	-----	51.2	-----	54.0	-----	2.8	Average

Radiated Restricted Band Edge Plot

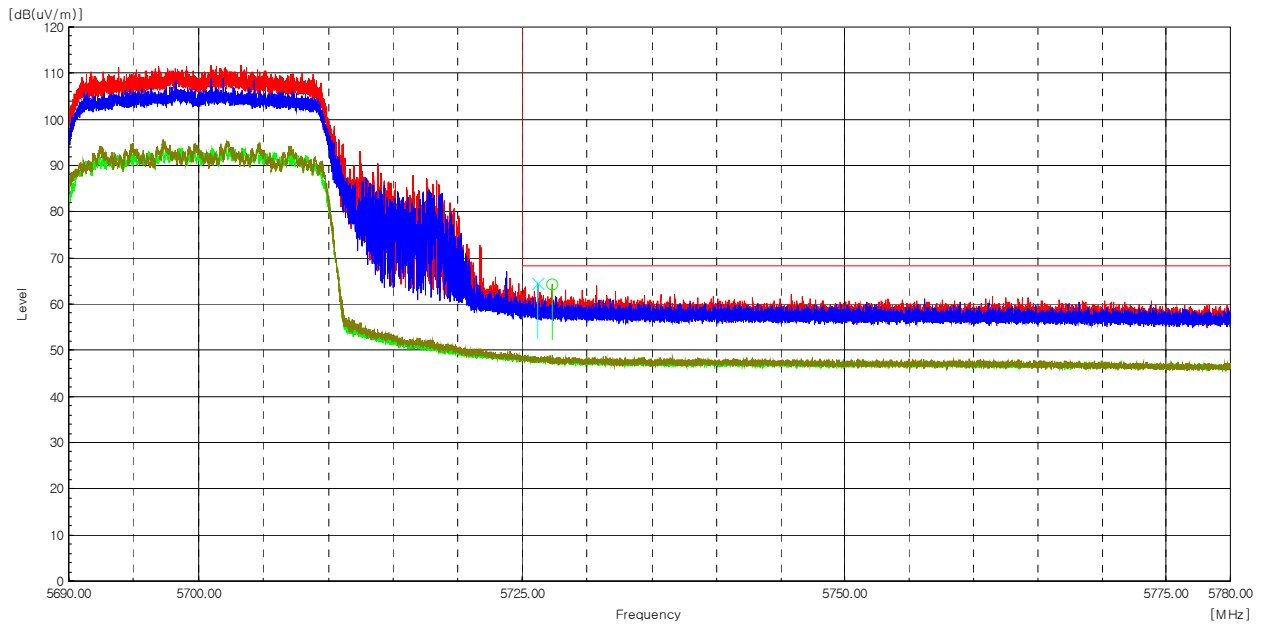
Worst Case Mode :	802.11ax_HE20_242T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 500 MHz
Channel :	100



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 432.90	H	56.6	3.5	-----	60.1	-----	74.0	-----	13.9	-----	Peak
5 459.76	H	42.8	3.6	0.3	-----	46.7	-----	54.0	-----	7.3	Average
5 457.79	V	55.9	3.6	-----	59.5	-----	74.0	-----	14.5	-----	Peak
5 457.13	V	43.6	3.6	0.3	-----	47.5	-----	54.0	-----	6.5	Average
5 467.94	H	59.3	3.7	-----	63.0	-----	68.2	-----	5.2	-----	Peak
5 467.06	V	60.9	3.7	-----	64.6	-----	68.2	-----	3.6	-----	Peak

Radiated Restricted Band Edge Plot

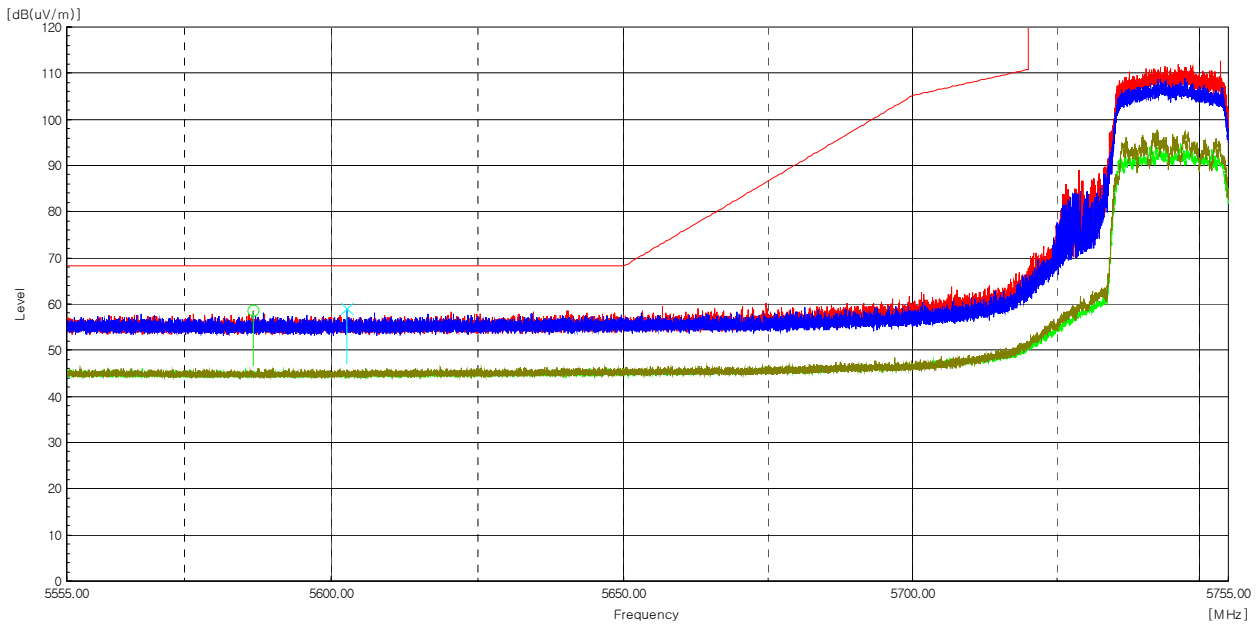
Worst Case Mode :	802.11ax_HE20_242T
Worst Case Transfer Rate :	MCS 0
Distance of Measurements :	3 Meters
Operating Frequency :	5 700 MHz
Channel :	140



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	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
5 727.32	H	60.0	4.2	-----	64.2	-----	68.2	-----	4.0	-----	Peak
5 726.15	V	60.2	4.2	-----	64.4	-----	68.2	-----	3.8	-----	Peak

Radiated Restricted Band Edge Plot

Worst Case Mode :	802.11ax_HE20_242T
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)]	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.

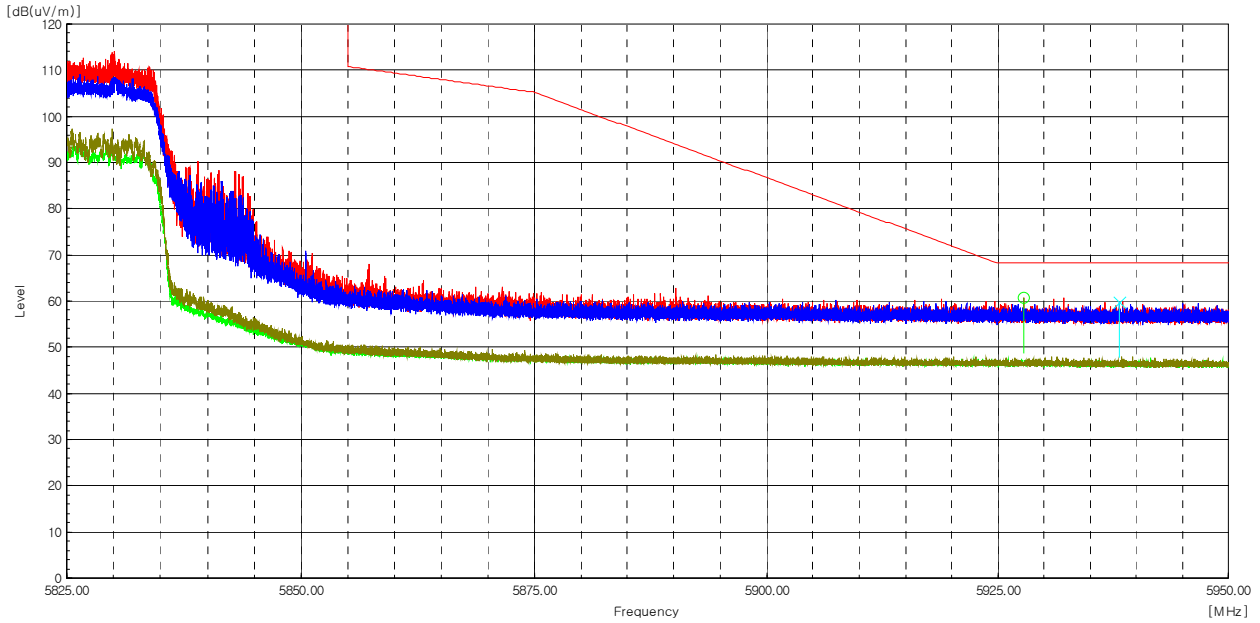
### Radiated Restricted Band Edge Plot



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Worst Case Mode :	802.11ax_HE20_242T
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)]	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.

### 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)]	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
10 375.56	H	47.2	11.3	-----	58.5	-----	68.2	-----	9.7	-----	Peak
10 375.87	V	44.2	11.3	-----	55.5	-----	68.2	-----	12.7	-----	Peak

Ch.46(5 230 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
10 455.43	H	45.1	11.6	-----	56.7	-----	68.2	-----	11.5	-----	Peak
10 460.51	V	44.5	11.6	-----	56.1	-----	68.2	-----	12.1	-----	Peak

Ch.54(5 270 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.62(5 310 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
10 603.42	H	44.6	11.8	-----	56.4	-----	74.0	-----	17.6	-----	Peak
10 620.37	H	33.1	11.8	0.3	-----	45.2	-----	54.0	-----	8.8	Average
10 603.05	V	43.6	11.8	-----	55.4	-----	74.0	-----	18.6	-----	Peak
10 596.50	V	32.3	11.8	0.3	-----	44.4	-----	54.0	-----	9.6	Average

Ch.102(5 510 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
11 019.84	H	45.3	12.1	-----	57.4	-----	74.0	-----	16.6	-----	Peak
11 027.92	H	33.4	12.2	0.3	-----	45.9	-----	54.0	-----	8.1	Average
11 028.10	V	43.1	12.2	-----	55.3	-----	74.0	-----	18.7	-----	Peak
11 036.73	V	32.3	12.2	0.3	-----	44.8	-----	54.0	-----	9.2	Average

Ch.118(5 590 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
11 172.17	H	45.5	12.7	-----	58.2	-----	74.0	-----	15.8	-----	Peak
11 180.49	H	33.0	12.7	0.3	-----	46.0	-----	54.0	-----	8.0	Average
11 200.57	V	43.5	12.8	-----	56.3	-----	74.0	-----	17.7	-----	Peak
11 177.49	V	31.9	12.7	0.3	-----	44.9	-----	54.0	-----	9.1	Average

Ch.134(5 670 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
11 368.14	H	44.8	12.1	-----	56.9	-----	74.0	-----	17.1	-----	Peak
11 381.48	H	32.8	12.2	0.3	-----	45.3	-----	54.0	-----	8.7	Average
11 401.31	V	44.1	12.4	-----	56.5	-----	74.0	-----	17.5	-----	Peak
11 399.11	V	32.5	12.4	0.3	-----	45.2	-----	54.0	-----	8.8	Average

Ch.142(5 710 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
11 411.23	H	46.0	12.5	-----	58.5	-----	74.0	-----	15.5	-----	Peak
11 415.02	H	33.8	12.5	0.3	-----	46.6	-----	54.0	-----	7.4	Average
11 397.58	V	44.6	12.3	-----	56.9	-----	74.0	-----	17.1	-----	Peak
11 400.09	V	32.6	12.4	0.3	-----	45.3	-----	54.0	-----	8.7	Average

Ch.151(5 755 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
11 511.29	H	46.8	12.6	-----	59.4	-----	74.0	-----	14.6	-----	Peak
11 505.84	H	35.0	12.5	0.3	-----	47.8	-----	54.0	-----	6.2	Average
11 526.59	V	43.3	12.6	-----	55.9	-----	74.0	-----	18.1	-----	Peak
11 509.03	V	32.3	12.6	0.3	-----	45.2	-----	54.0	-----	8.8	Average
17 271.97	H	45.1	19.2	-----	64.3	-----	68.2	-----	3.9	-----	Peak
17 270.58	V	44.6	19.1	-----	63.7	-----	68.2	-----	4.5	-----	Peak



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Ch.159(5 795 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
11 591.34	H	46.5	13.0	-----	59.5	-----	74.0	-----	14.5	-----	Peak
11 590.98	H	33.6	13.0	0.3	-----	46.9	-----	54.0	-----	7.1	Average
11 593.98	V	42.9	13.0	-----	55.9	-----	74.0	-----	18.1	-----	Peak
11 571.15	V	32.1	12.9	0.3	-----	45.3	-----	54.0	-----	8.7	Average

**Remarks**

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. Peak Result = Reading + c.f(Correction factor)  
 Average Result = Reading + c.f(Correction factor) + Duty Cycle Factor
3. Correction factor = Antenna factor + Cable loss - Amp Gain