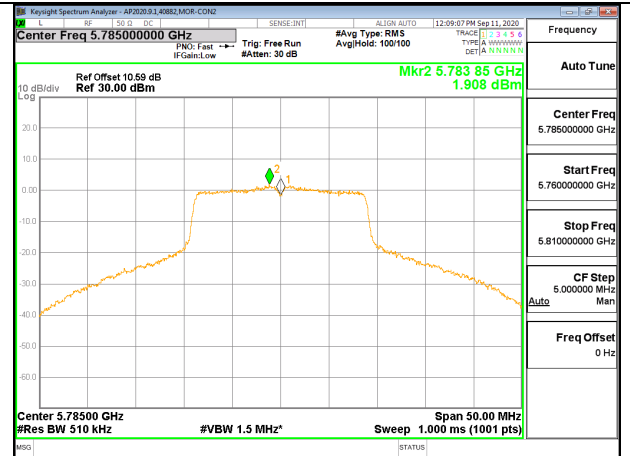
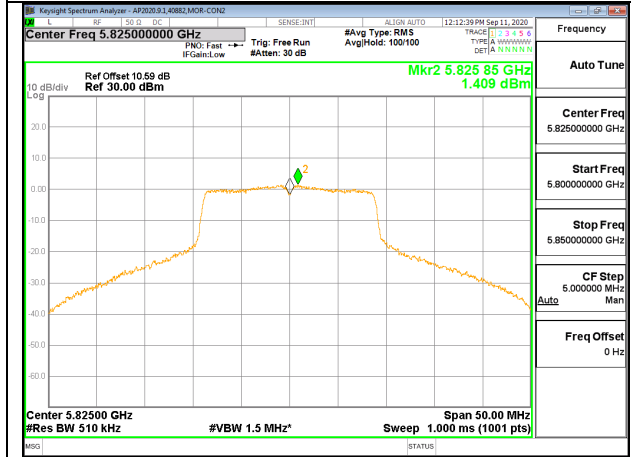


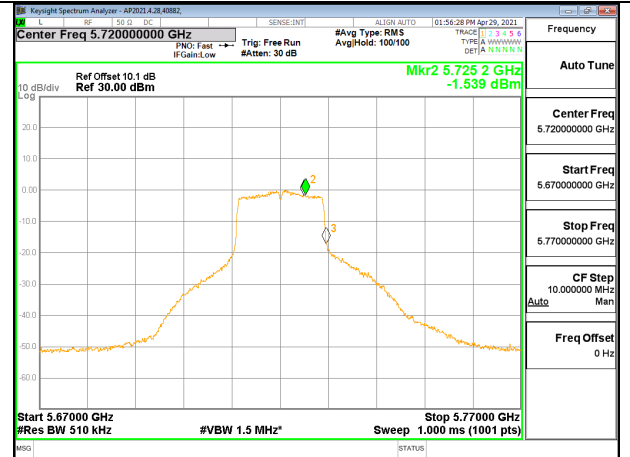
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144

1TX External Antenna MODE (IC)

Test Engineer:	40882
Test Date:	2020-06-24, 2020-09-11, 2021-04-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5745	6.37	29.63	29.63
Mid	5785	6.37	29.63	29.63
High	5825	6.37	29.63	29.63
144	5720	6.37	29.63	29.63

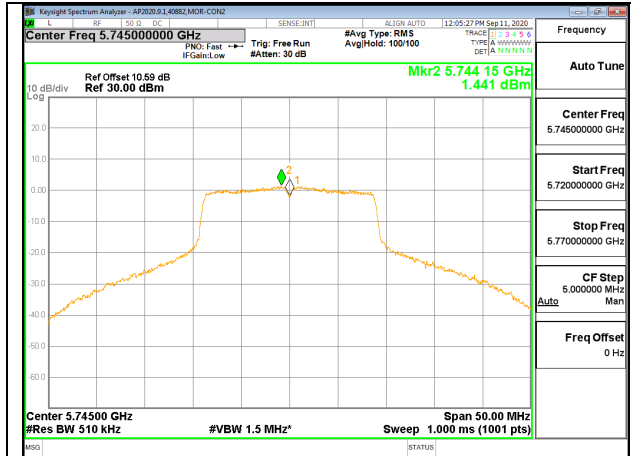
Duty Cycle CF (dB)	0.12	Included in Calculations of Corr'd PSD
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Output Power Results

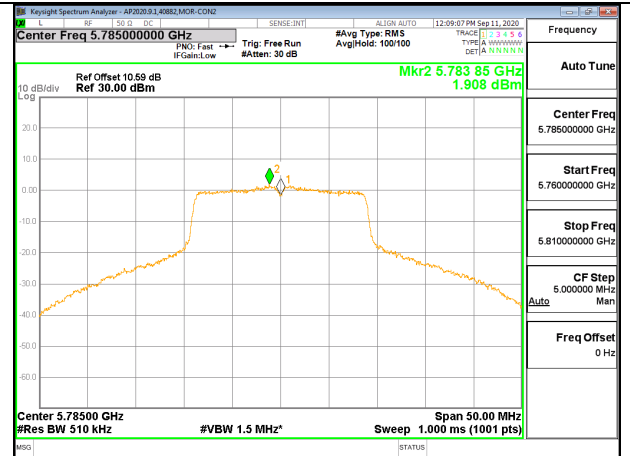
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	14.359	14.359	29.63	-15.27
Mid	5785	14.273	14.273	29.63	-15.36
High	5825	14.346	14.346	29.63	-15.28
144	5720	14.340	14.340	29.63	-15.29

PSD Results

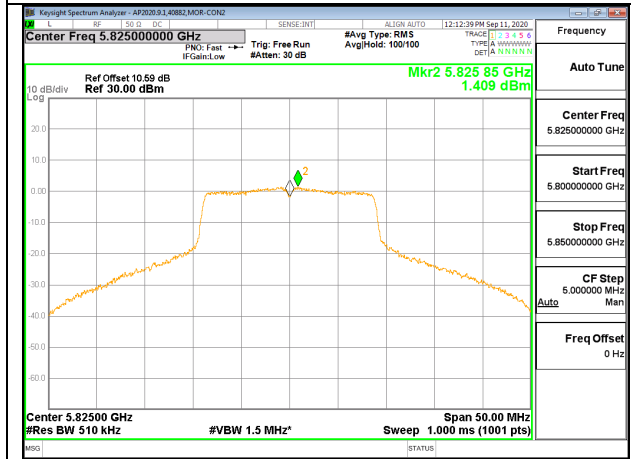
Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low	5745	1.441	1.561	29.63	-28.07
Mid	5785	1.908	2.028	29.63	-27.60
High	5825	1.409	1.529	29.63	-28.10
144	5720	-1.539	-1.419	29.63	-31.05



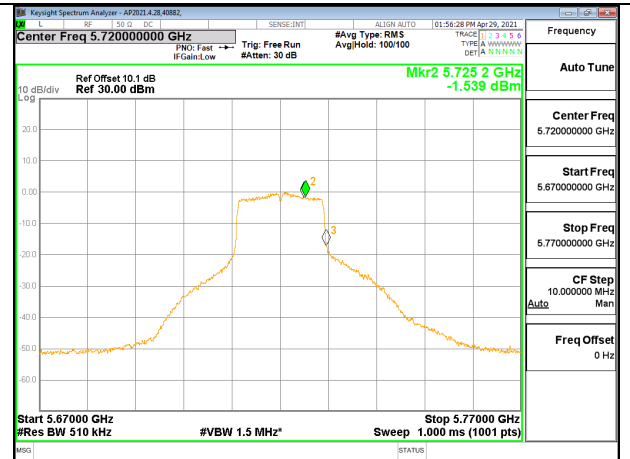
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



CHANNEL 144

9.5.33. 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX External Antenna MODE (FCC)

Test Engineer:	40882
Test Date:	2020-06-24, 2020-09-11, 2021-04-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	6.37	29.63	29.63
High	5795	6.37	29.63	29.63
142	5710	6.37	29.63	29.63

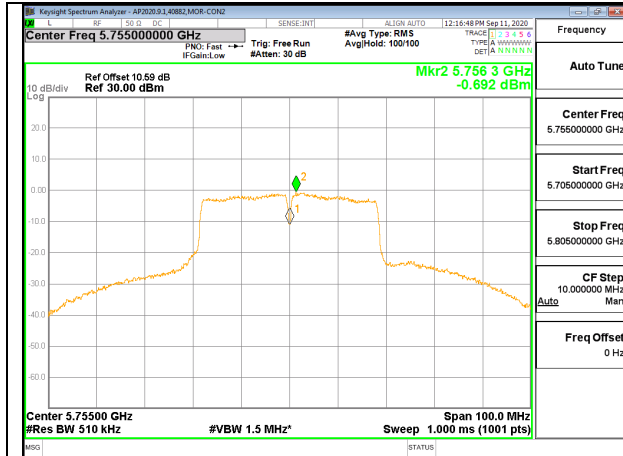
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

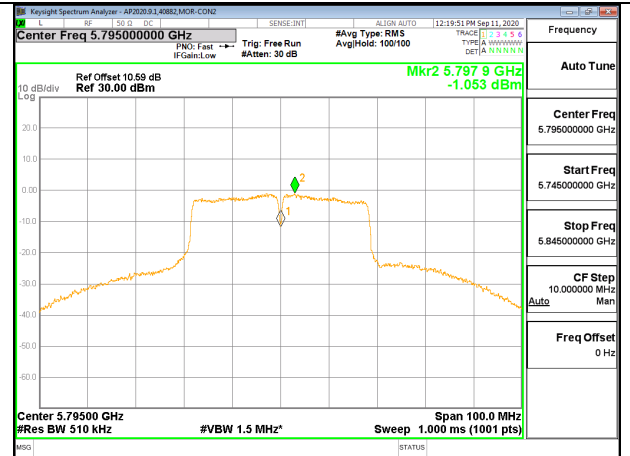
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	14.410	14.410	29.63	-15.22
High	5795	14.679	14.679	29.63	-14.95
142	5710	13.100	13.100	29.63	-16.53

PSD Results

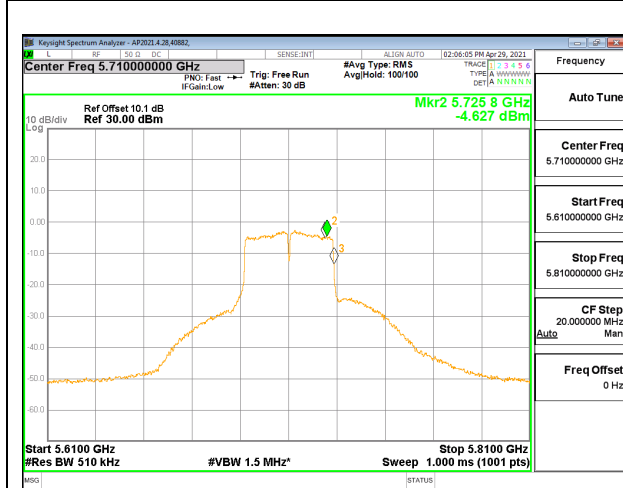
Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-0.692	-0.462	29.63	-30.09
High	5795	-1.053	-0.823	29.63	-30.45
142	5710	-4.627	-4.397	29.63	-34.03



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142

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1TX External Antenna MODE (IC)

Test Engineer:	40882
Test Date:	2020-06-24, 2020-09-11, 2021-04-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Low	5755	6.37	29.63	29.63
High	5795	6.37	29.63	29.63
142	5710	6.37	29.63	29.63

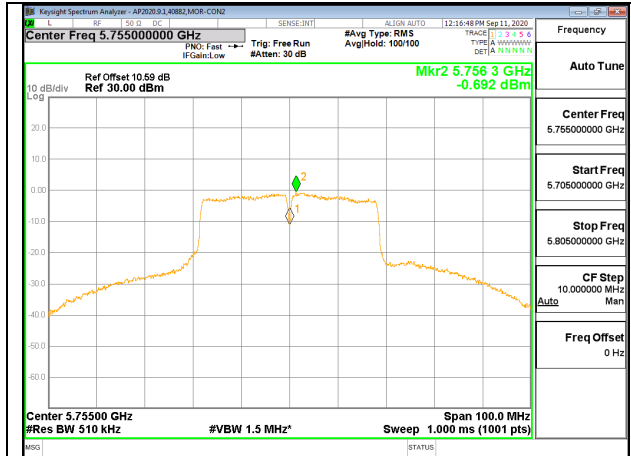
Duty Cycle CF (dB)	0.23	Included in Calculations of Corr'd PSD
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Output Power Results

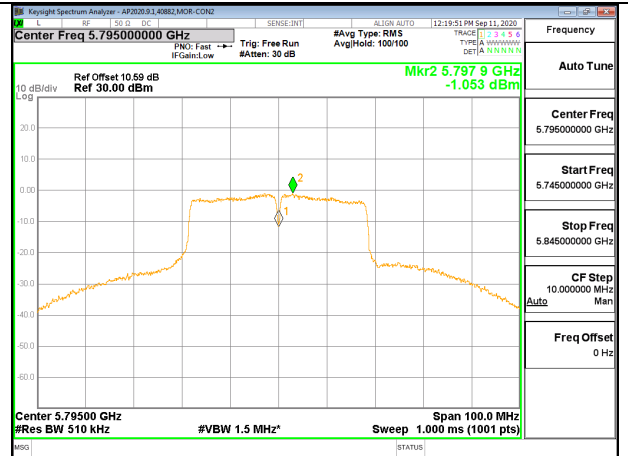
Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	14.410	14.410	29.63	-15.22
High	5795	14.679	14.679	29.63	-14.95
142	5710	13.100	13.100	29.63	-16.53

PSD Results

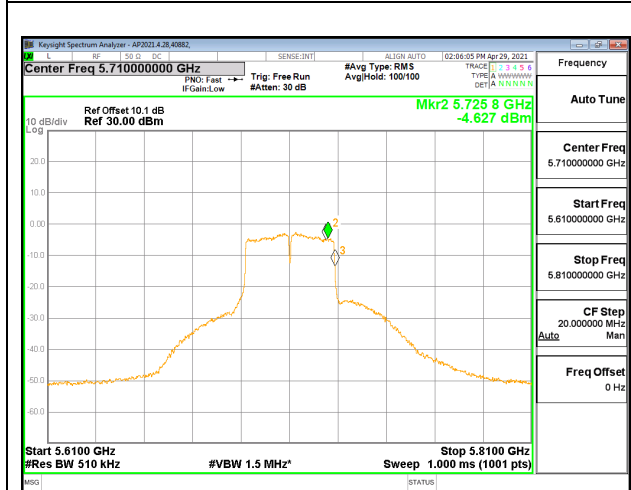
Channel	Frequency (MHz)	Meas PSD (dBm)	Total Corr'd PSD (dBm)	PSD Limit (dBm)	PSD Margin (dB)
Low	5755	-0.692	-0.462	29.63	-30.09
High	5795	-1.053	-0.823	29.63	-30.45
142	5710	-4.627	-4.397	29.63	-34.03



LOW CHANNEL



HIGH CHANNEL



CHANNEL 142

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9.5.34. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX External Antenna MODE (FCC)

Test Engineer:	40882
Test Date:	2020-06-24, 2020-09-11, 2021-04-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5775	6.37	29.63	29.63
138	5690	6.37	29.63	29.63

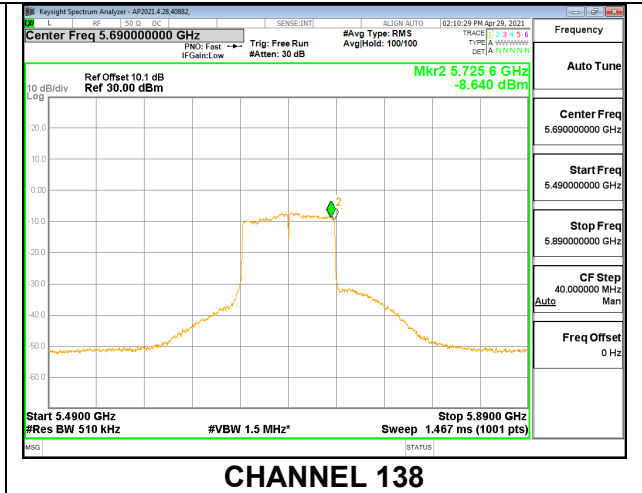
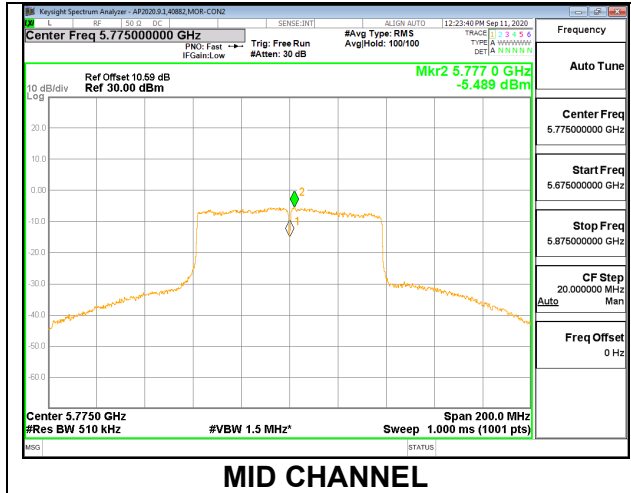
Duty Cycle CF (dB)	0.46	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	13.655	13.655	29.63	-15.98
138	5690	13.310	13.310	29.63	-16.32

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	-5.489	-5.029	29.63	-34.66
138	5690	-8.640	-8.180	29.63	-37.81



1TX External Antenna MODE (IC)

Test Engineer:	40882
Test Date:	2020-06-24, 2020-09-11, 2021-04-29

Antenna Gain and Limit

Channel	Frequency (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 500KHz)
Mid	5775	6.37	29.63	29.63
138	5690	6.37	29.63	29.63

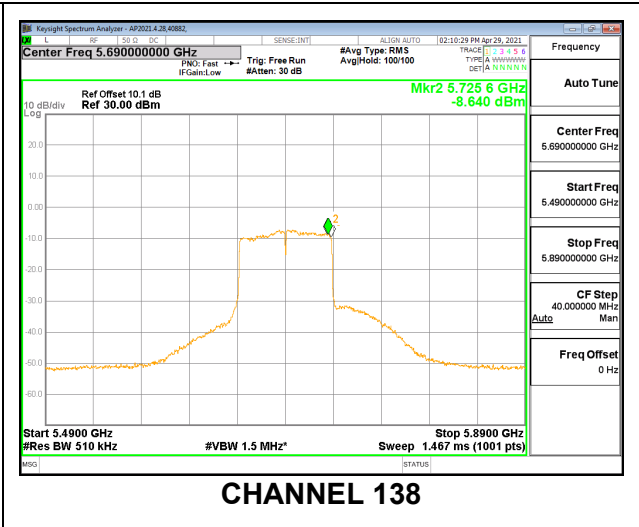
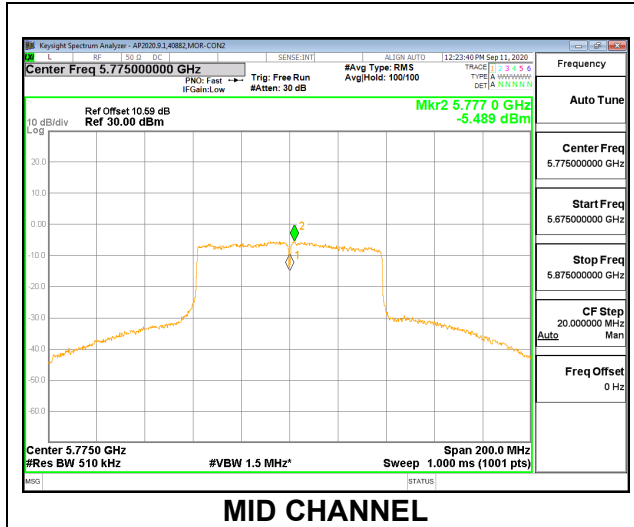
Duty Cycle CF (dB)	0.46	Included in Calculations of Corr'd PSD
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Output Power Results

Channel	Frequency (MHz)	Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	13.655	13.655	29.63	-15.98
138	5690	13.310	13.310	29.63	-16.32

PSD Results

Channel	Frequency (MHz)	Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Mid	5775	-5.489	-5.029	29.63	-34.66
138	5690	-8.640	-8.180	29.63	-37.81



10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands
FCC §15.407(b)(1-3) -Un-Restricted bands

After January 01, 2019 for Outside of the Restricted Bands Emissions

RSS-GEN Section 8.9 and 8.10 – Restricted bands
RSS 247 Issue 2 Sections – Non-restricted bands:
6.2.1.2 (for 5150-5250 MHz band)
6.2.2.2 (for 5250-5350 MHz band)
6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)
6.2.4.2 (for 5725-5850 MHz band)

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements. The particular averaging method used for this test program was voltage averaging.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power and PSD as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

3D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel).

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

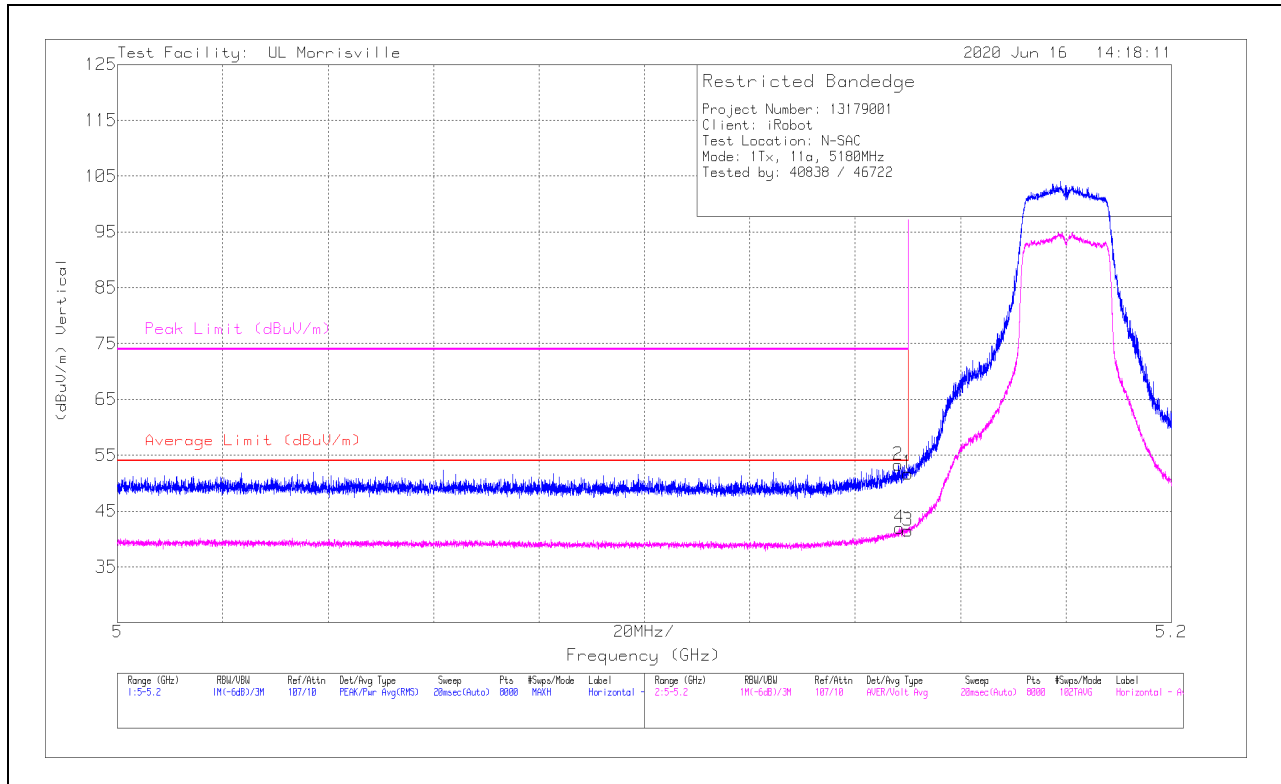
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.2 GHz BAND

1TX External Antenna MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	39.24	Pk	34.2	-21.7	0	51.74	-	-	74	-22.26	30	120	H
2	*** 5.14817	40.78	Pk	34.2	-21.7	0	53.28	-	-	74	-20.72	30	120	H
3	*** 5.14999	28.78	ADV	34.2	-21.7	.23	41.51	54	-12.49	-	-	30	120	H
4	*** 5.14839	29.24	ADV	34.2	-21.7	.23	41.97	54	-12.03	-	-	30	120	H

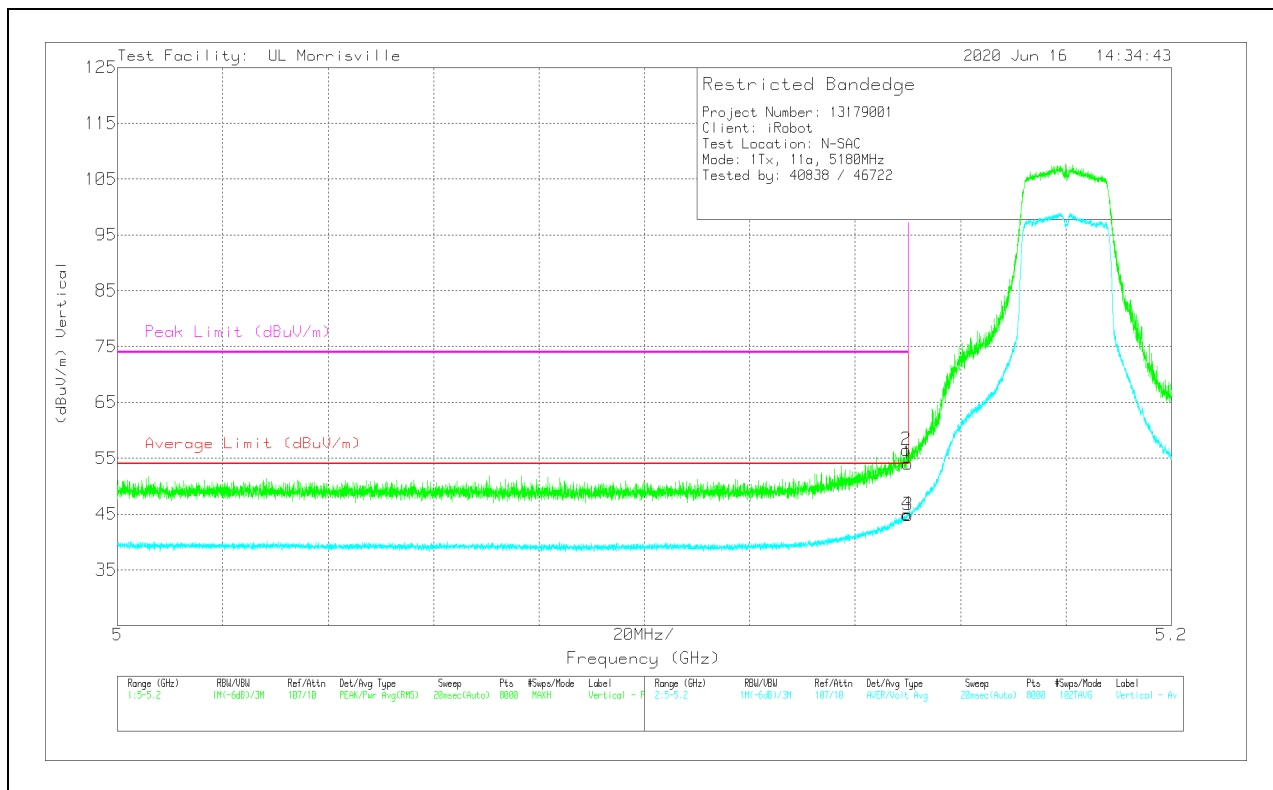
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	41.54	PK	34.2	-21.7	0	54.04	-	-	74	-19.96	36	102	V
2	*** 5.14967	43.97	Pk	34.2	-21.7	0	56.47	-	-	74	-17.53	36	102	V
3	*** 5.14999	32.08	ADV	34.2	-21.7	.23	44.81	54	-9.19	-	-	36	102	V
4	*** 5.14979	32.18	ADV	34.2	-21.7	.23	44.91	54	-9.09	-	-	36	102	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

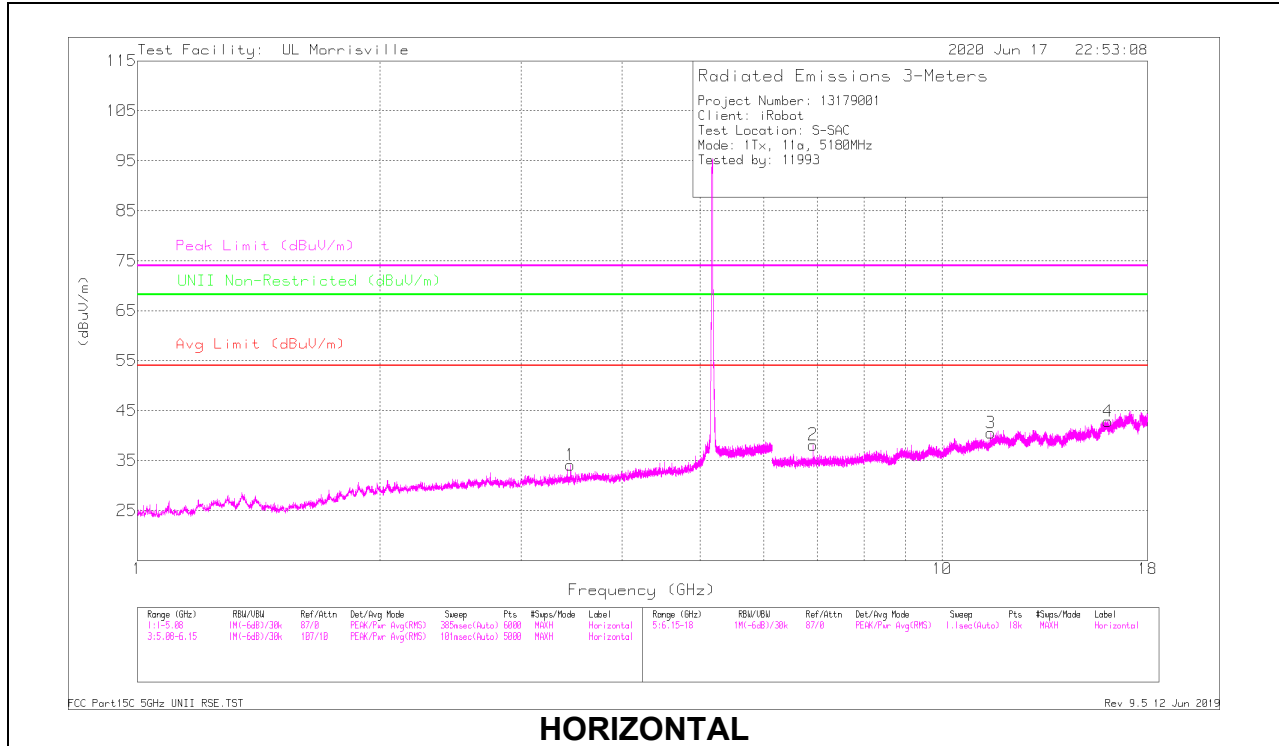
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

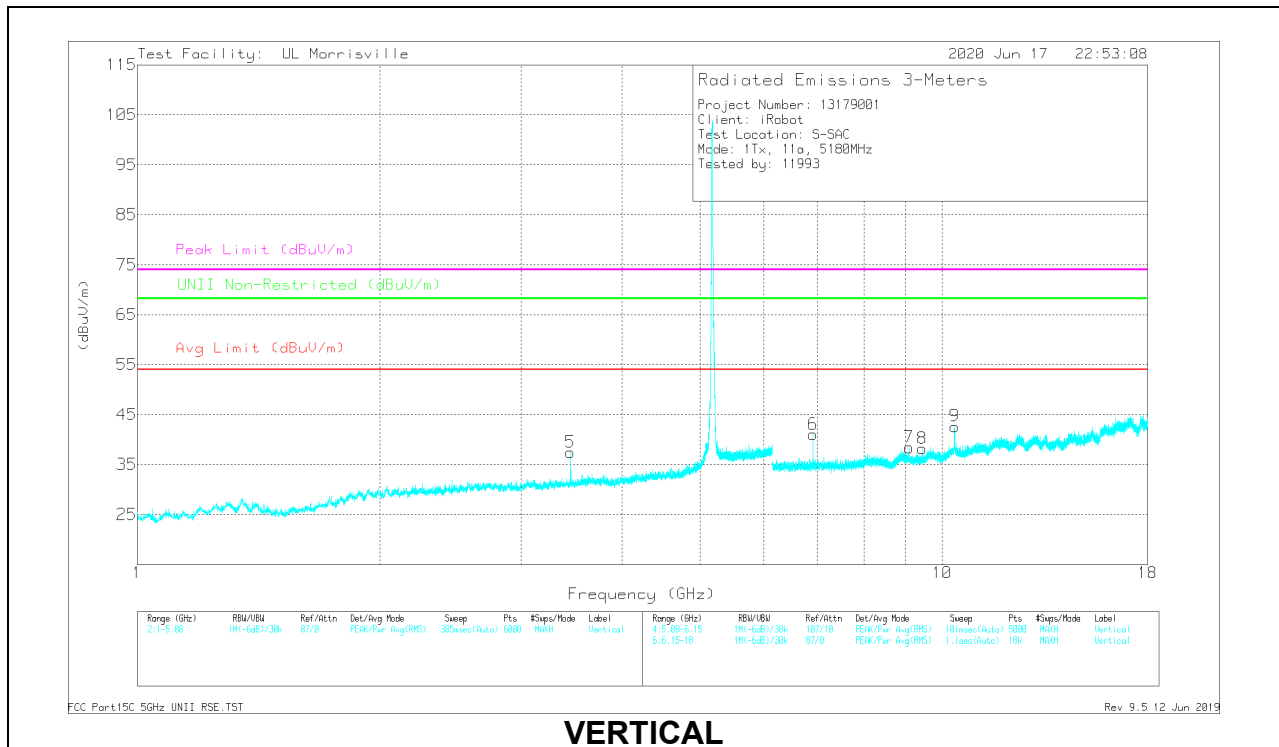
ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



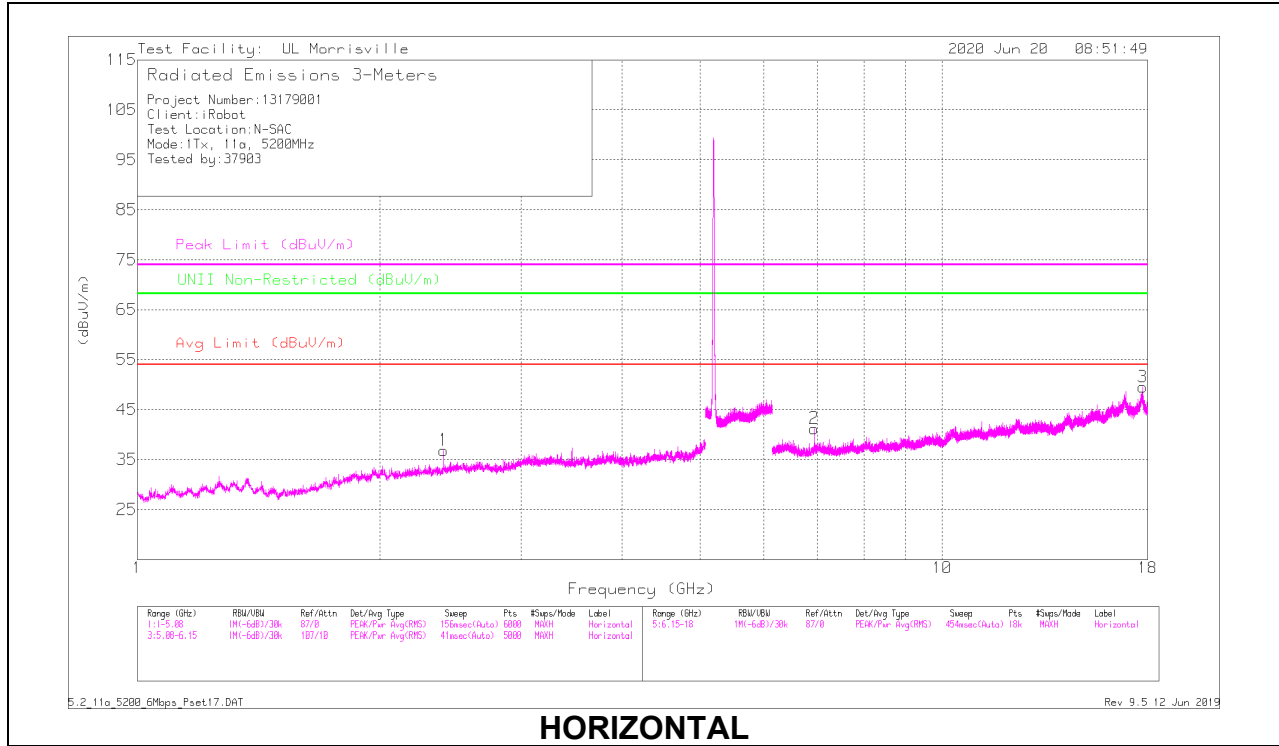
VERTICAL

RADIATED EMISSIONS

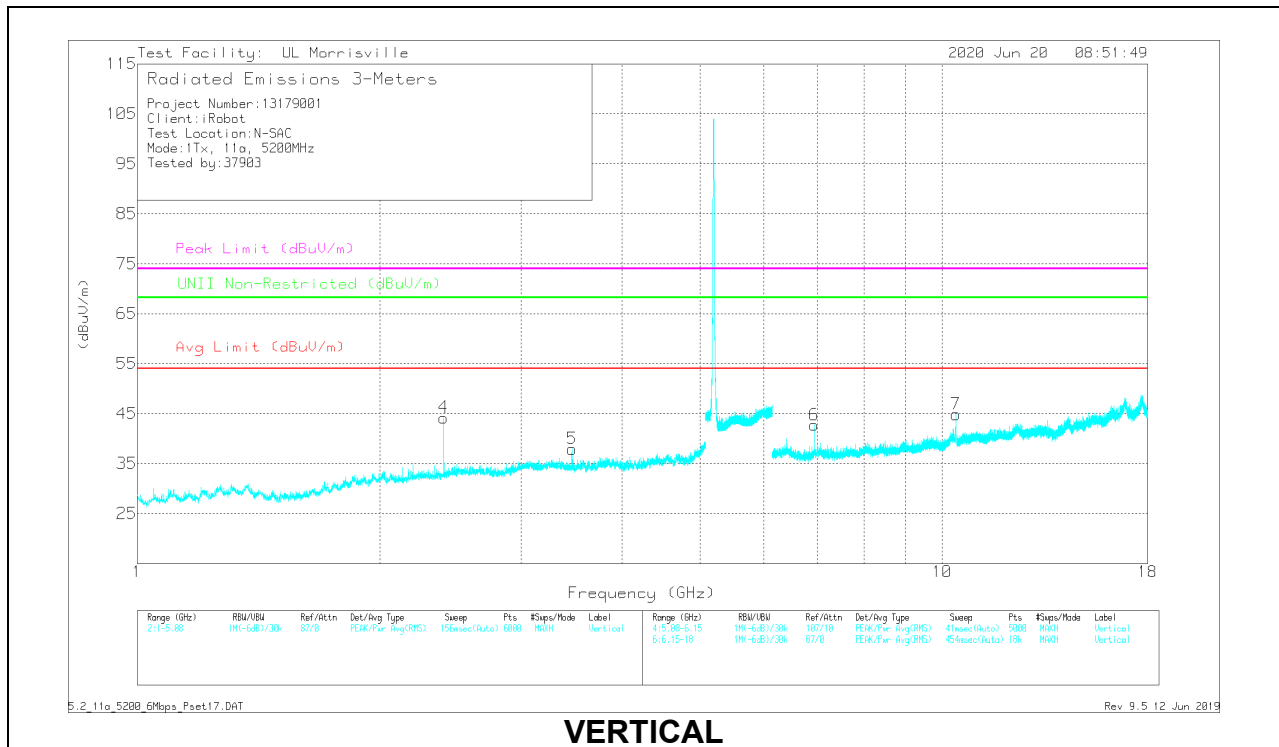
Masrker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0078 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	*** 11.48716	33.8	PK-U	38.2	-24.4	0	47.6	-	-	74	-26.4	-	-	28	112	H
	*** 11.48659	21.81	ADV	38.2	-24.4	.23	35.84	54	-18.16	-	-	-	-	28	112	H
4	*** 16.07067	34.91	PK-U	40.5	-24.6	0	50.81	-	-	74	-23.19	-	-	37	333	H
	*** 16.07274	22.61	ADV	40.5	-24.7	.23	38.64	54	-15.36	-	-	-	-	37	333	H
7	*** 9.10047	35.98	PK-U	36.2	-26	0	46.18	-	-	74	-27.82	-	-	5	146	V
	*** 9.09984	23.62	ADV	36.2	-26	.23	34.05	54	-19.95	-	-	-	-	5	146	V
8	*** 9.45688	36.35	PK-U	36.5	-26.5	0	46.35	-	-	74	-27.65	-	-	275	147	V
	*** 9.45481	23.8	ADV	36.5	-26.5	.23	34.03	54	-19.97	-	-	-	-	275	147	V
5	3.45309	44.26	PK-U	32.9	-32.5	0	44.66	-	-	-	-	68.2	-23.54	84	108	V
1	3.45341	40.41	PK-U	32.9	-32.5	0	40.81	-	-	-	-	68.2	-27.39	245	130	H
6	6.90644	41.99	PK-U	35.5	-28.5	0	48.99	-	-	-	-	68.2	-19.21	76	104	V
2	6.90652	40.12	PK-U	35.5	-28.5	0	47.12	-	-	-	-	68.2	-21.08	311	114	H
9	10.36103	40.89	PK-U	37.3	-24.9	0	53.29	-	-	-	-	68.2	-14.91	284	209	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 17.74978	33.38	PK-U	41.6	-20.1	0	54.88	-	-	74	-19.12	-	-	88	366	H
	* ** 17.74947	20.02	ADV	41.6	-20	.23	41.85	54	-12.15	-	-	-	-	88	366	H
1	2.40219	45.54	PK-U	31.9	-33.6	0	43.84	-	-	-	-	68.2	-24.36	357	201	H
2	6.93318	39.72	PK-U	35.8	-28.7	0	46.82	-	-	-	-	68.2	-21.38	313	112	H
4	2.40212	47.94	PK-U	31.9	-33.6	0	46.24	-	-	-	-	68.2	-21.96	195	186	V
5	3.4667	45.31	PK-U	32.9	-32.8	0	45.41	-	-	-	-	68.2	-22.79	45	203	V
6	6.9333	41.34	PK-U	35.8	-28.7	0	48.44	-	-	-	-	68.2	-19.76	314	116	V
7	10.40024	40.56	PK-U	37.5	-25.6	0	52.46	-	-	-	-	68.2	-15.74	279	108	V

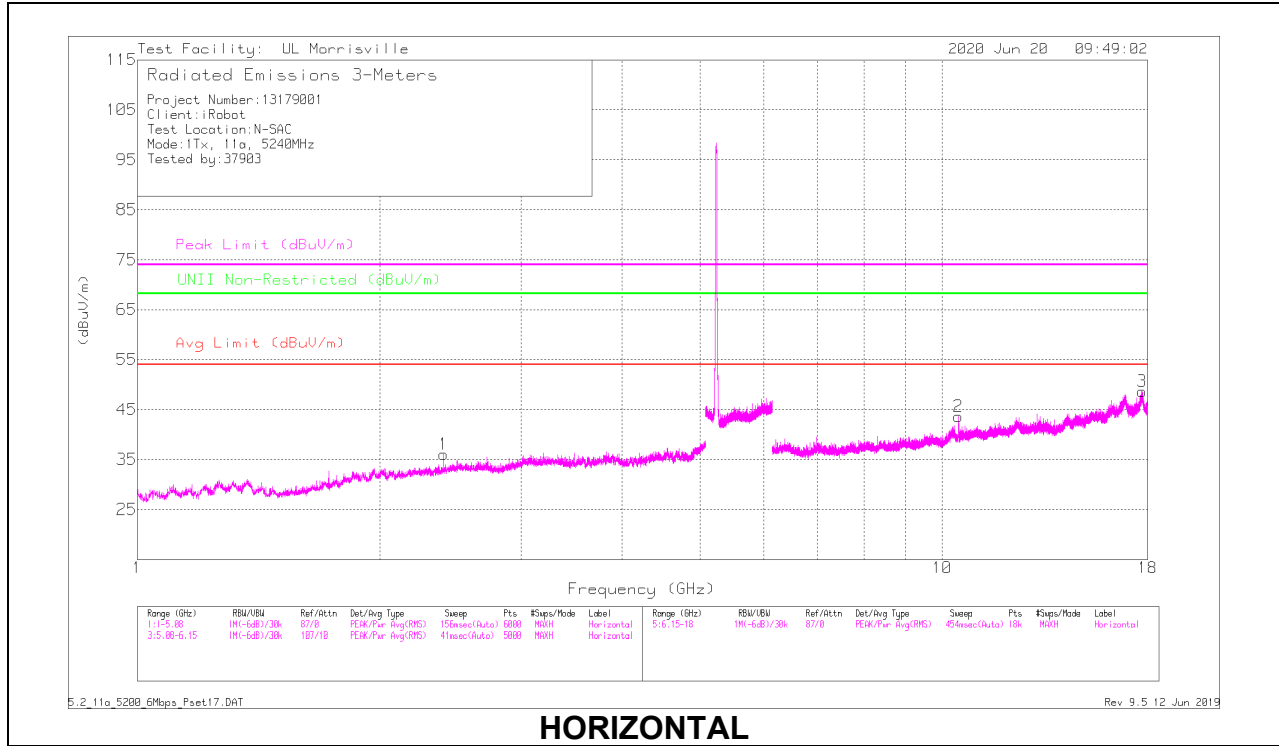
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

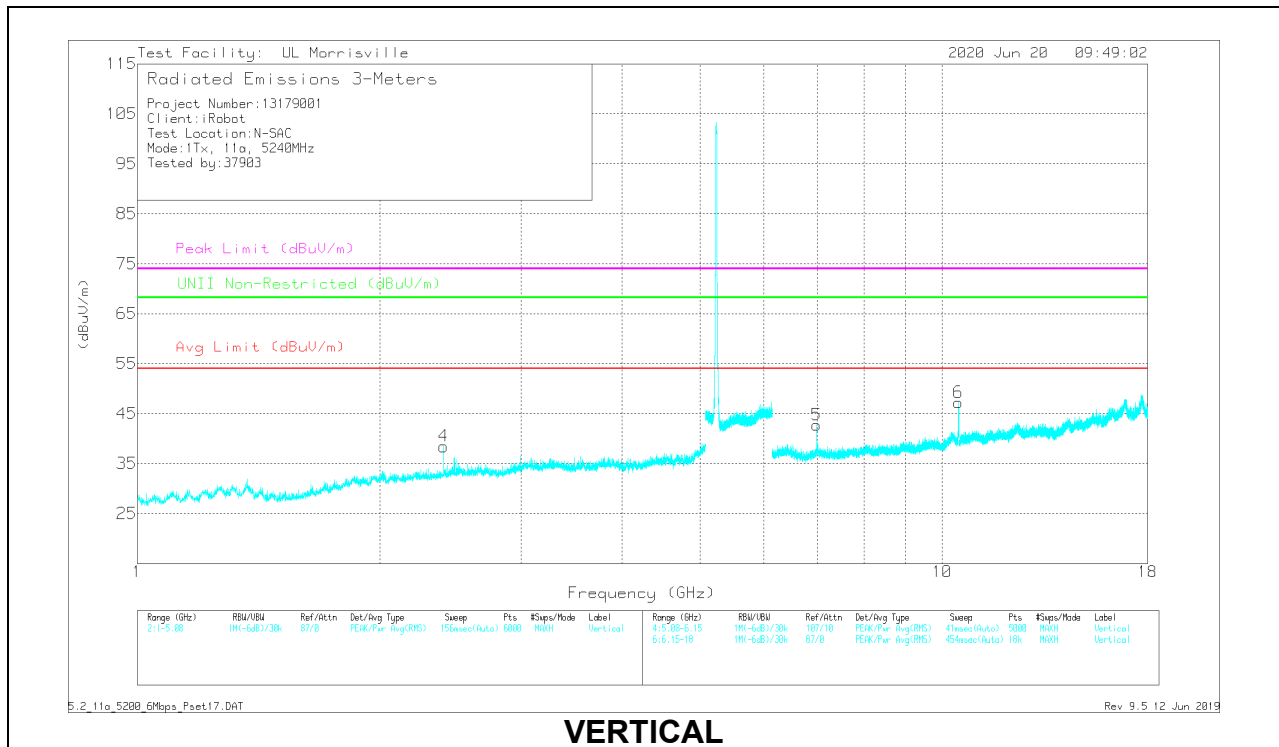
PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 17.72728	32.57	PK-U	41.7	-19.7	0	54.57	-	-	74	-19.43	-	-	353	131	H
	* ** 17.72757	19.16	ADV	41.7	-19.7	.23	41.39	54	-12.59	-	-	-	-	353	131	H
4	2.40222	46.99	PK-U	31.9	-33.6	0	45.29	-	-	-	-	68.2	-22.91	167	193	V
1	2.4023	43.86	PK-U	31.9	-33.6	0	42.16	-	-	-	-	68.2	-26.04	130	350	H
5	6.98659	40.28	PK-U	35.7	-28.5	0	47.48	-	-	-	-	68.2	-20.72	356	378	V
6	10.47847	42.03	PK-U	37.6	-26.5	0	53.13	-	-	-	-	68.2	-15.07	170	203	V
2	10.48037	42.24	PK-U	37.6	-26.5	0	53.34	-	-	-	-	68.2	-14.86	344	127	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

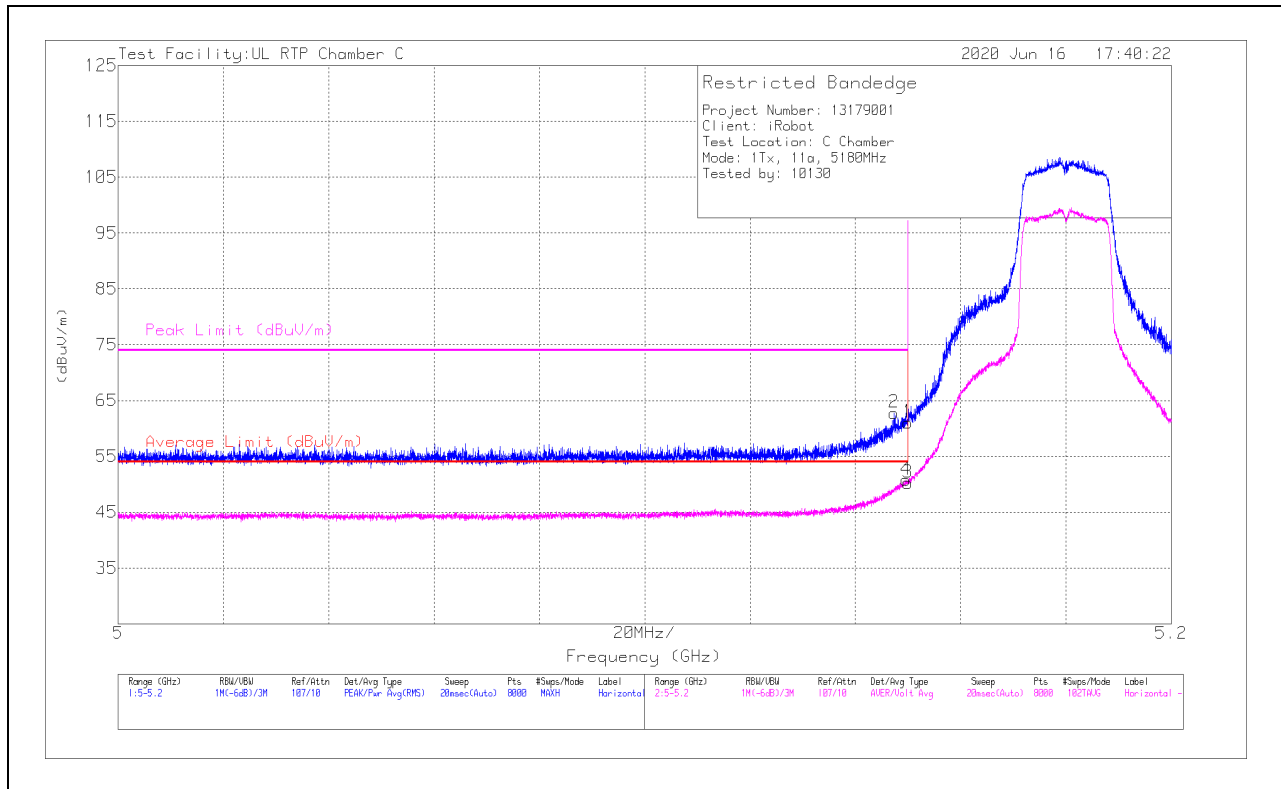
PK-U - Maximum Peak

ADV - Linear Voltage Average

1TX PCB Antenna MODE

BANEDGE (LOW CHANNEL)

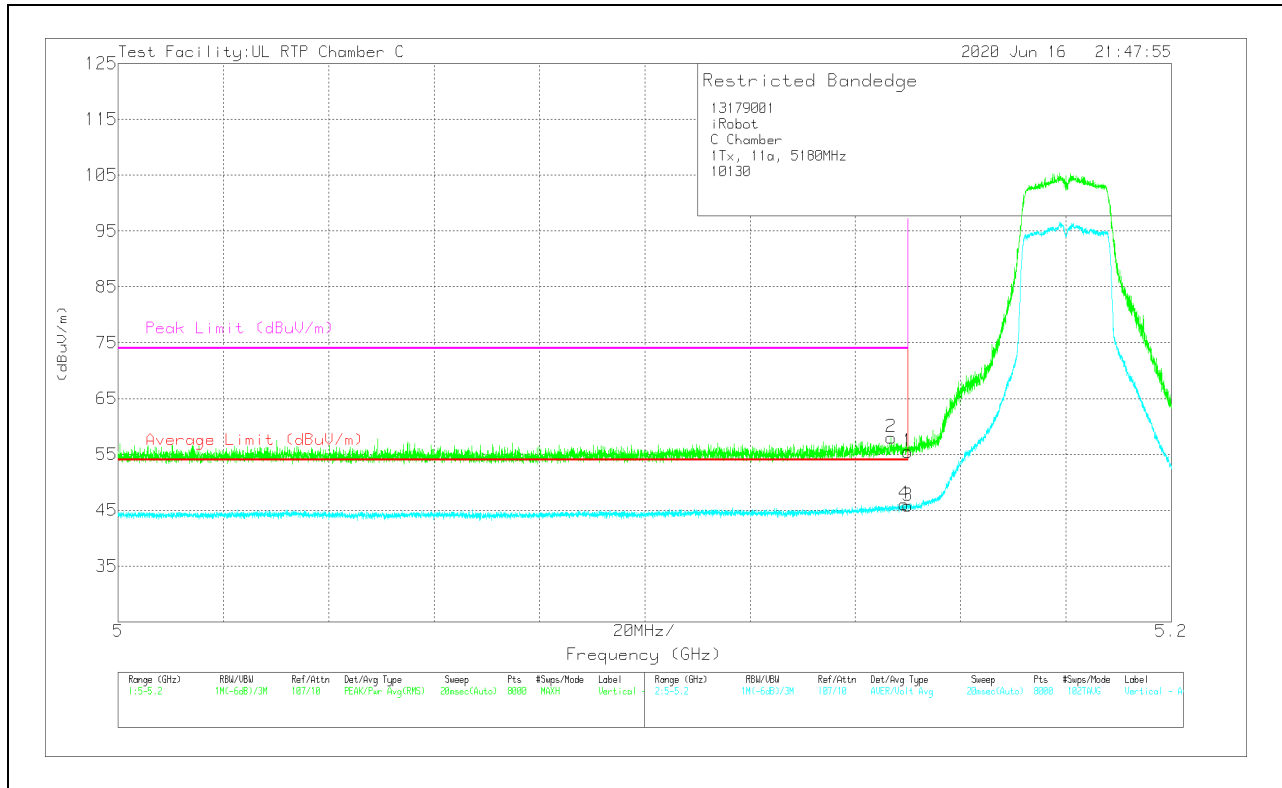
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	42.68	PK	34.2	-15.8	0	61.08	-	-	74	-12.92	354	113	H
2	*** 5.14729	44.4	Pk	34.2	-15.8	0	62.8	-	-	74	-11.2	354	113	H
3	*** 5.14999	31.64	ADV	34.2	-15.8	.23	50.27	54	-3.73	-	-	354	113	H
4	*** 5.14962	32.15	ADV	34.2	-15.8	.23	50.78	54	-3.22	-	-	354	113	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	37.1	PK	34.2	-15.8	0	55.5	-	-	74	-18.5	152	331	V
2	*** 5.14679	39.65	Pk	34.2	-15.8	0	58.05	-	-	74	-15.95	152	331	V
3	*** 5.14999	27.17	ADV	34.2	-15.8	.23	45.8	54	-8.2	-	-	152	331	V
4	*** 5.14927	27.48	ADV	34.2	-15.8	.23	46.11	54	-7.89	-	-	152	331	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

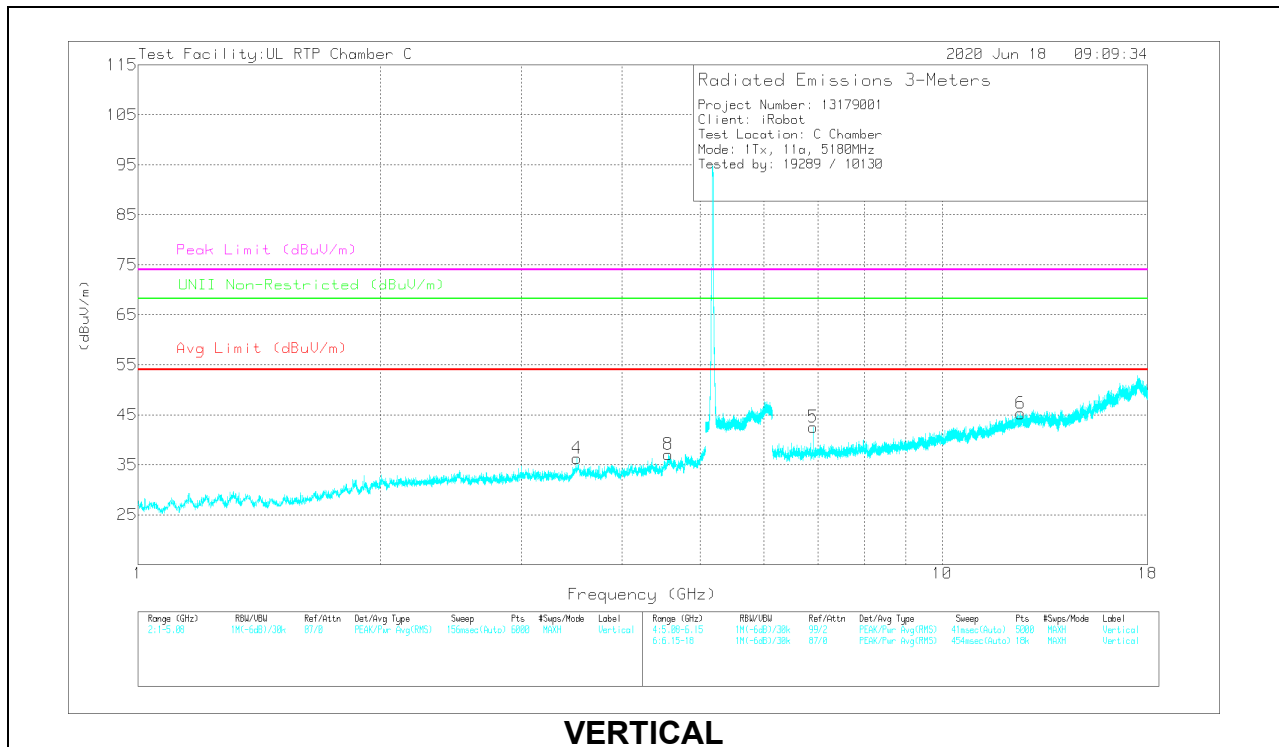
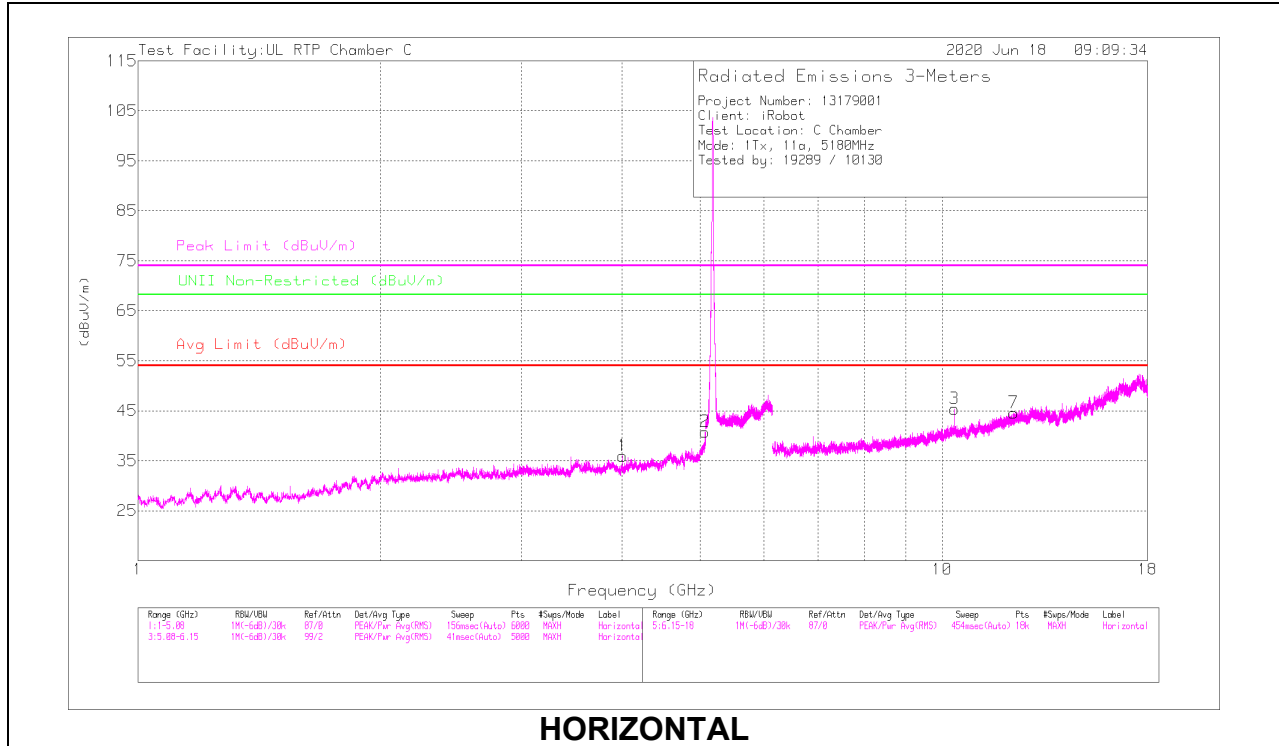
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

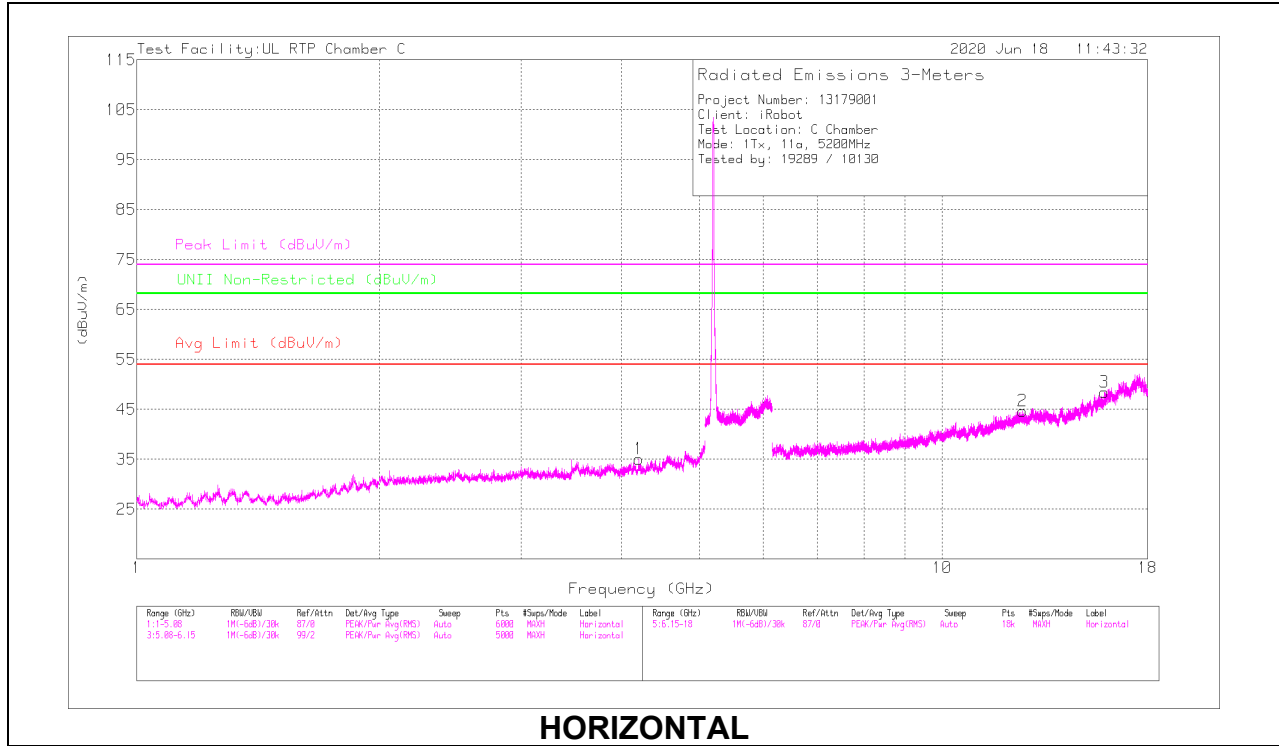


RADIATED EMISSIONS

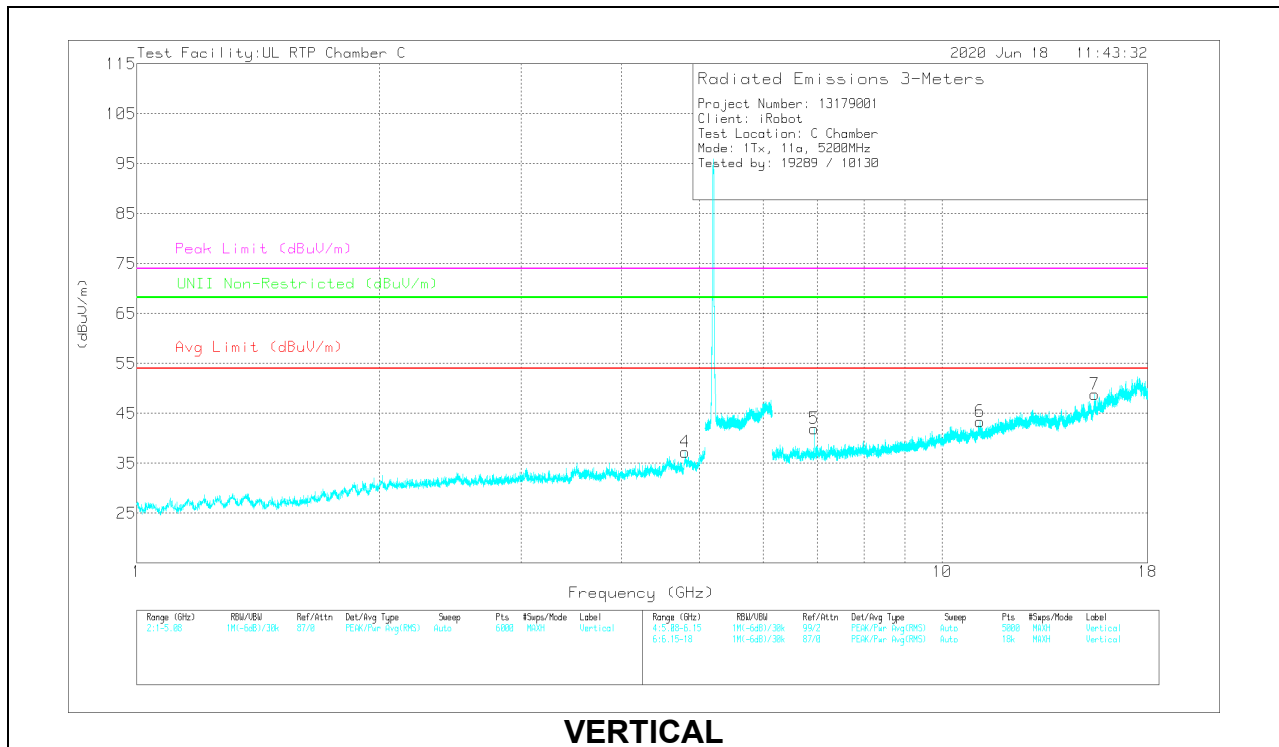
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.00538	57.03	PK-U	33.4	-49.2	0	41.23	-	-	74	-32.77	-	-	282	313	H
	*** 4.00455	44.22	ADV	33.4	-49.2	.23	28.65	54	-25.35	-	-	-	-	282	313	H
2	*** 5.07024	58.63	PK-U	34.1	-46.8	0	45.93	-	-	74	-28.07	-	-	112	263	H
	*** 5.07196	44.68	ADV	34.1	-46.7	.23	32.31	54	-21.69	-	-	-	-	112	263	H
4	*** 3.51165	56.19	PK-U	33.8	-49.5	0	40.49	-	-	74	-33.51	-	-	352	231	V
	*** 3.51155	43.87	ADV	33.8	-49.5	.23	28.4	54	-25.6	-	-	-	-	352	231	V
8	*** 4.5636	57.59	PK-U	34.1	-49.2	0	42.49	-	-	74	-31.51	-	-	71	305	V
	*** 4.56011	44.96	ADV	34.1	-49.2	.23	30.09	54	-23.91	-	-	-	-	71	305	V
7	*** 12.26863	51.24	PK-U	38.9	-41	0	49.14	-	-	74	-24.86	-	-	97	252	H
	*** 12.26641	38.88	ADV	38.9	-41.1	.23	36.91	54	-17.09	-	-	-	-	97	252	H
6	*** 12.51122	52.56	PK-U	39.1	-41.4	0	50.26	-	-	74	-23.74	-	-	67	230	V
	*** 12.51319	40.03	ADV	39.1	-41.4	.23	37.96	54	-16.04	-	-	-	-	67	230	V
5	6.90663	58.58	PK-U	35.7	-46.8	0	47.48	-	-	-	-	68.2	-20.72	277	102	V
3	10.36121	56.6	PK-U	37.3	-44	0	49.9	-	-	-	-	68.2	-18.3	1	102	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



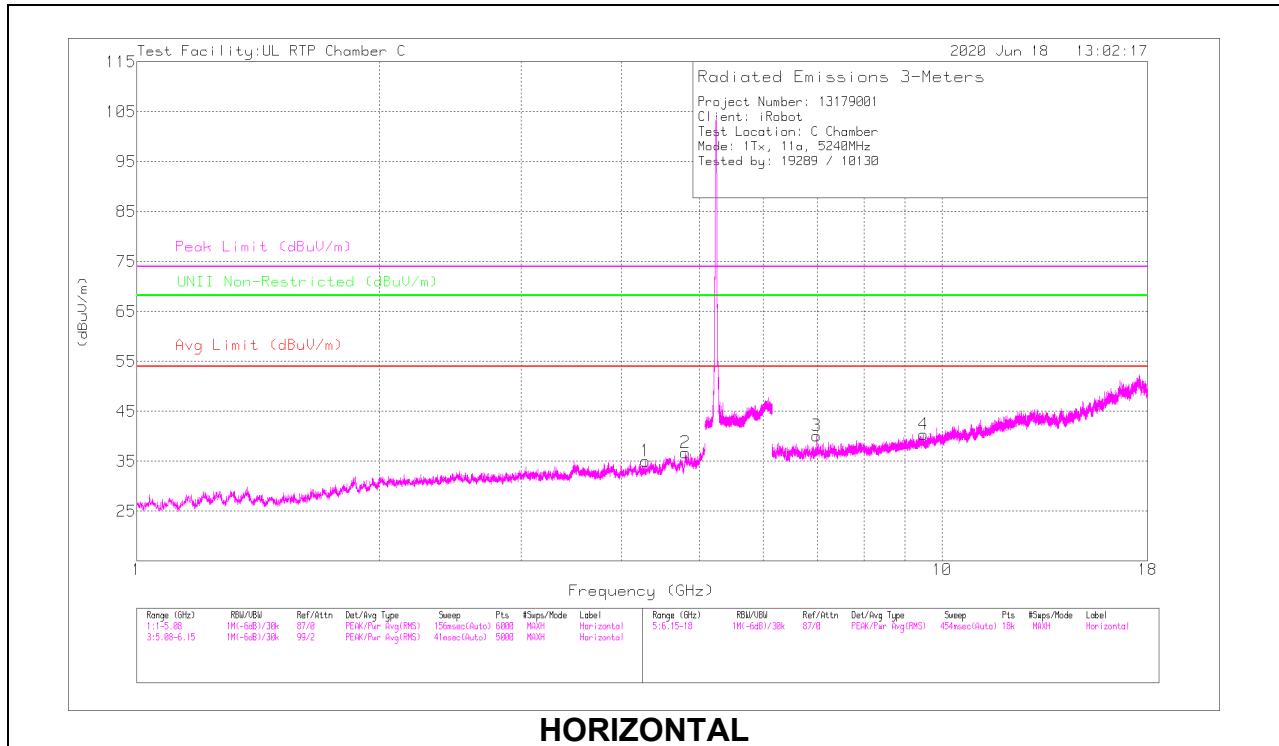
VERTICAL

RADIATED EMISSIONS

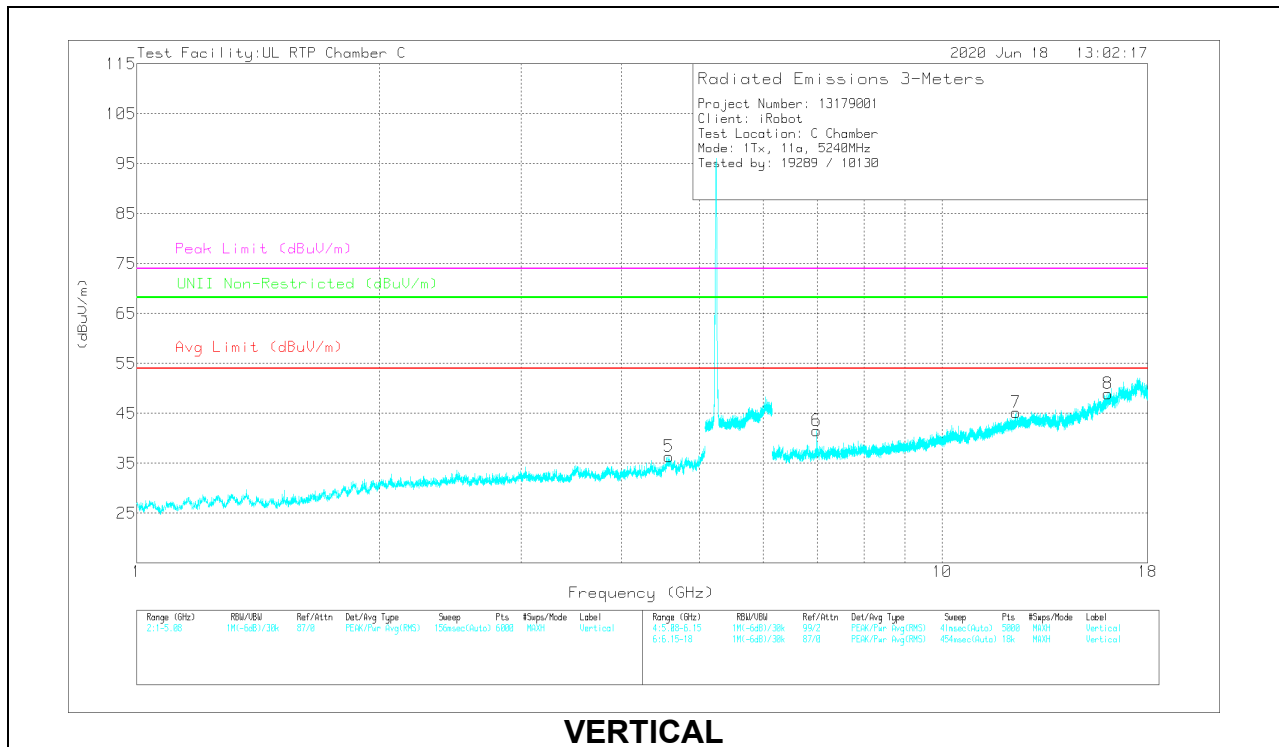
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.20344	56.96	PK-U	33.5	-49.2	0	41.26	-	-	74	-32.74	-	-	55	257	H
	*** 4.20235	43.78	ADV	33.5	-49.2	.23	28.31	54	-25.69	-	-	-	-	55	257	H
4	*** 4.79653	57.05	PK-U	34.1	-48.5	0	42.65	-	-	74	-31.35	-	-	0	251	V
	*** 4.79706	44.61	ADV	34.1	-48.6	.23	30.34	54	-23.66	-	-	-	-	0	251	V
2	*** 12.58754	52.56	PK-U	39.2	-40.3	0	51.46	-	-	74	-22.54	-	-	98	391	H
	*** 12.5839	39.76	ADV	39.2	-40.4	.23	38.79	54	-15.21	-	-	-	-	98	391	H
3	*** 15.90615	50.67	PK-U	41	-37.1	0	54.57	-	-	74	-19.43	-	-	51	395	H
	*** 15.90811	38.63	ADV	41	-37.3	.23	42.56	54	-11.44	-	-	-	-	51	395	H
6	*** 11.14271	53.28	PK-U	37.8	-42.9	0	48.18	-	-	74	-25.82	-	-	326	298	V
	*** 11.14003	40.99	ADV	37.8	-42.9	.23	36.12	54	-17.88	-	-	-	-	326	298	V
7	*** 15.46694	50.25	PK-U	40.3	-36.5	0	54.05	-	-	74	-19.95	-	-	146	376	V
	*** 15.46813	37.59	ADV	40.3	-36.4	.23	41.72	54	-12.28	-	-	-	-	146	376	V
5	6.93313	57.71	PK-U	35.7	-47.3	0	46.11	-	-	-	-	68.2	-22.09	120	396	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.27914	56.66	PK-U	33.5	-50.3	0	39.86	-	-	74	-34.14	-	-	45	102	H
	*** 4.28145	43.99	ADV	33.5	-50.2	.23	27.52	54	-26.48	-	-	-	-	45	102	H
2	*** 4.80229	56.36	PK-U	34.1	-48.8	0	41.66	-	-	74	-32.34	-	-	281	341	H
	*** 4.80246	44.65	ADV	34.1	-48.8	.23	30.18	54	-23.82	-	-	-	-	281	341	H
5	*** 4.57654	57.59	PK-U	34.1	-49.5	0	42.19	-	-	74	-31.81	-	-	140	223	V
	*** 4.57543	44.97	ADV	34.1	-49.5	.23	29.8	54	-24.2	-	-	-	-	140	223	V
4	*** 9.48071	54.89	PK-U	36.5	-45.4	0	45.99	-	-	74	-28.01	-	-	312	239	H
	*** 9.48088	42.11	ADV	36.5	-45.4	.23	33.44	54	-20.56	-	-	-	-	312	239	H
7	*** 12.36055	52.08	PK-U	38.9	-40.6	0	50.38	-	-	74	-23.62	-	-	70	267	V
	*** 12.35845	39.55	ADV	38.9	-40.7	.23	37.98	54	-16.02	-	-	-	-	70	267	V
8	*** 16.07224	50.88	PK-U	41.3	-36.4	0	55.78	-	-	74	-18.22	-	-	115	150	V
	*** 16.0723	37.87	ADV	41.3	-36.4	.23	43	54	-11	-	-	-	-	115	150	V
6	6.98646	59.43	PK-U	35.7	-48.2	0	46.93	-	-	-	-	68.2	-21.27	270	102	V
3	6.9865	58.87	PK-U	35.7	-48.2	0	46.37	-	-	-	-	68.2	-21.83	178	102	H

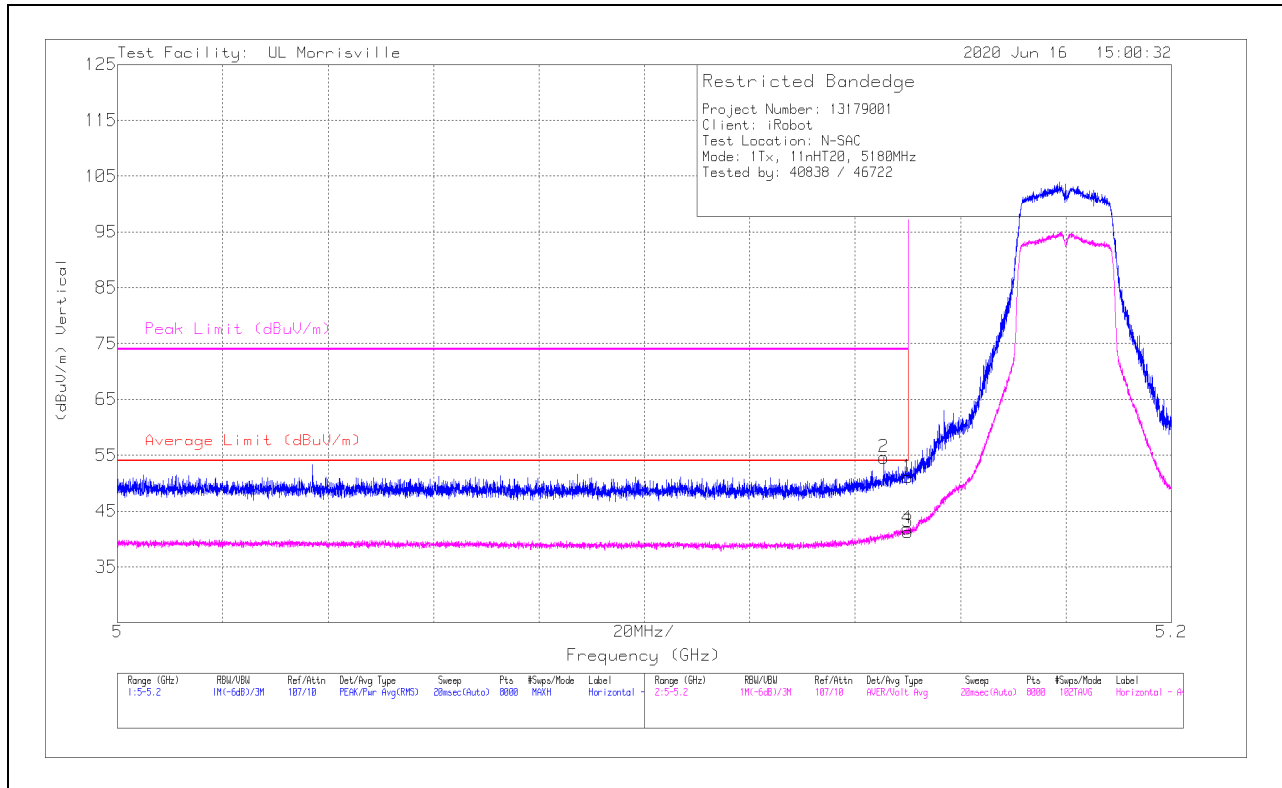
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

10.1.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

1TX External Antenna MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	38.6	Pk	34.2	-21.7	0	51.1	-	-	74	-22.9	17	115	H
2	*** 5.14542	42.1	Pk	34.2	-21.7	0	54.6	-	-	74	-19.4	17	115	H
3	*** 5.14999	28.53	ADV	34.2	-21.7	.24	41.27	54	-12.73	-	-	17	115	H
4	*** 5.14987	29.09	ADV	34.2	-21.7	.24	41.83	54	-12.17	-	-	17	115	H

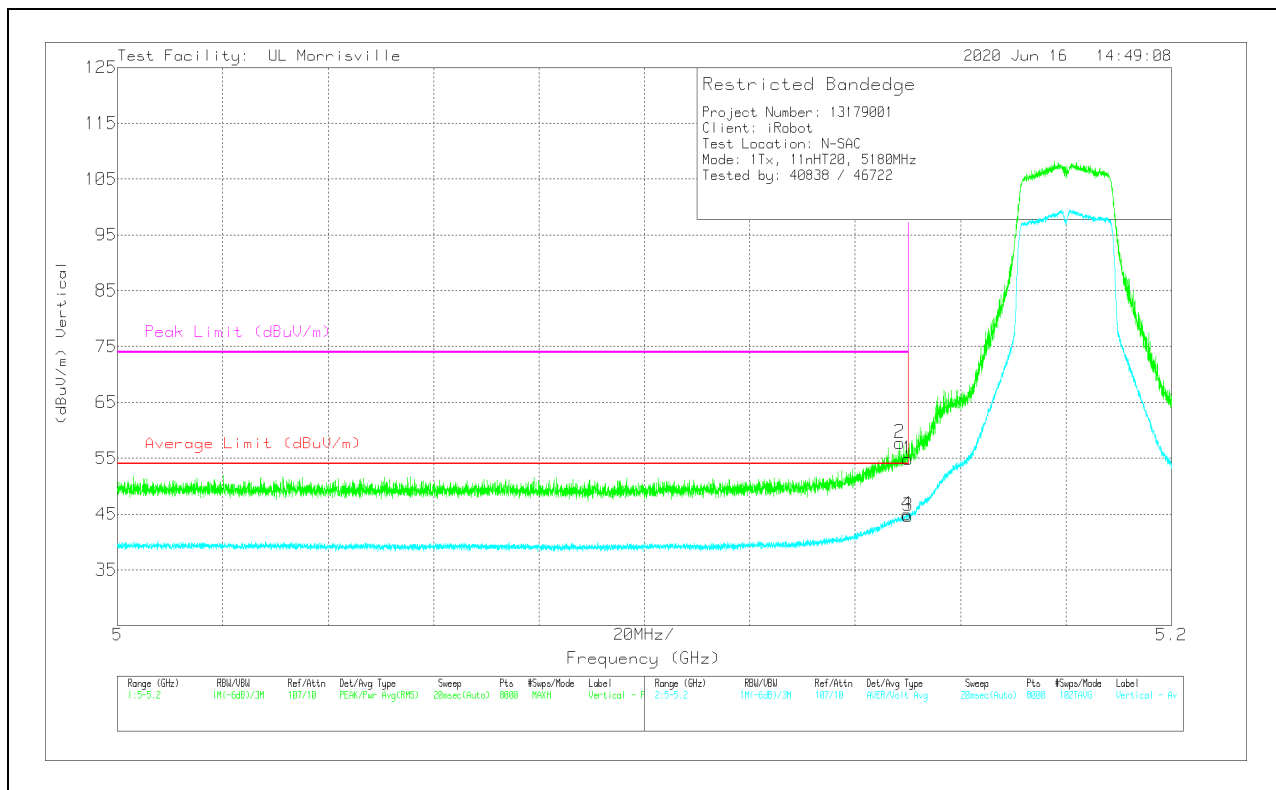
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	42.35	PK	34.2	-21.7	0	54.85	-	-	74	-19.15	44	107	V
2	* ** 5.14844	45.27	Pk	34.2	-21.7	0	57.77	-	-	74	-16.23	44	107	V
3	* ** 5.14999	31.96	ADV	34.2	-21.7	.24	44.7	54	-9.3	-	-	44	107	V
4	* ** 5.14984	32.18	ADV	34.2	-21.7	.24	44.92	54	-9.08	-	-	44	107	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

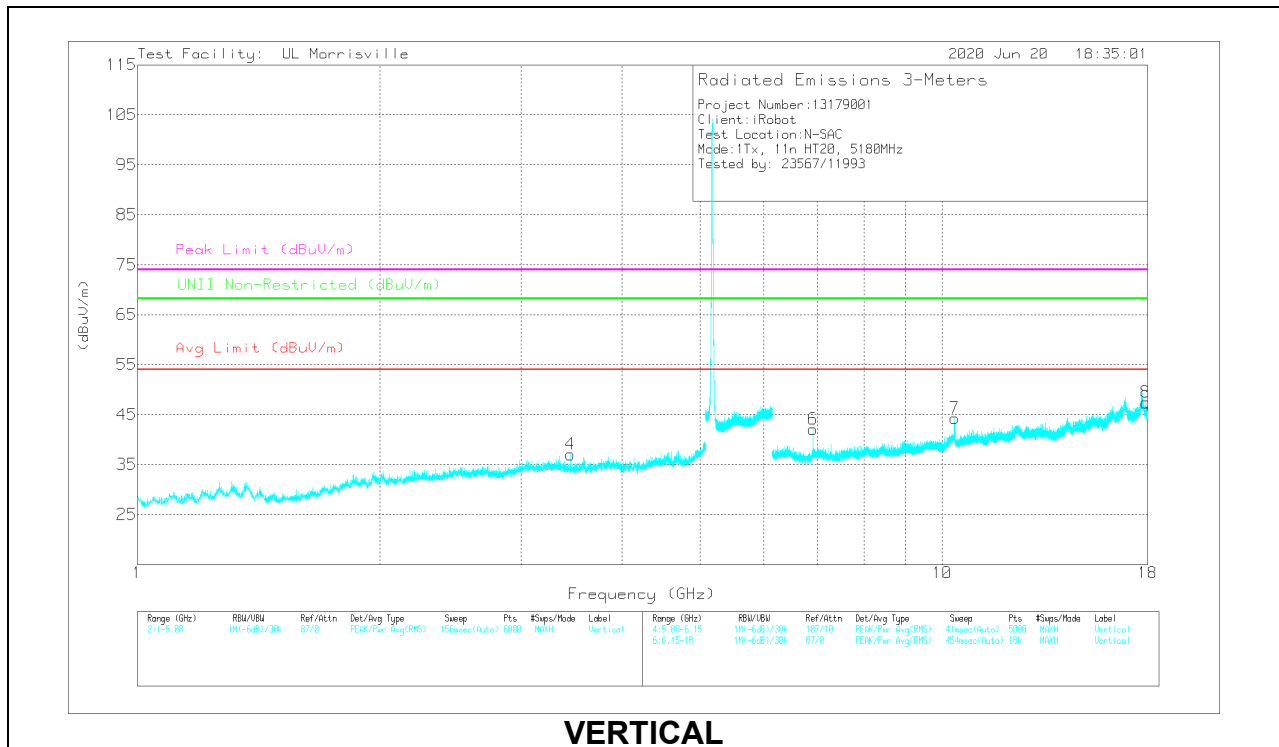
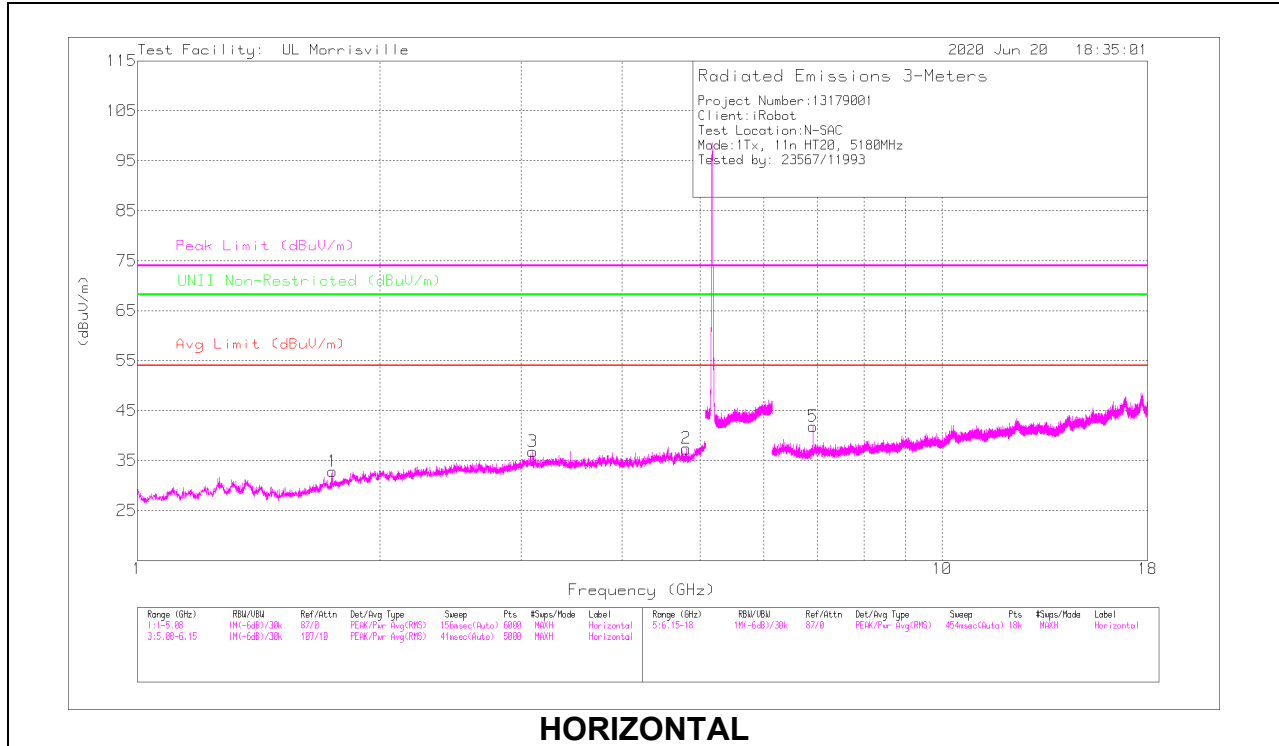
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.74762	42.99	PK-U	29.6	-35	0	37.59	-	-	74	-36.41	68.2	-30.61	92	322	H
	** 1.74957	30.07	ADV	29.6	-35	.24	24.91	54	-29.09	-	-	-	-	92	322	H
2	*** 4.80564	39.65	PK-U	34.2	-30.3	0	43.55	-	-	74	-30.45	-	-	236	234	H
	*** 4.80565	26.28	ADV	34.2	-30.3	.24	30.42	54	-23.58	-	-	-	-	236	234	H
8	** 17.90453	35.69	PK-U	41.4	-23.6	0	53.49	-	-	74	-20.51	-	-	211	214	V
	** 17.9049	22.43	ADV	41.4	-23.6	.24	40.47	54	-13.53	-	-	-	-	211	214	V
3	3.09823	42.24	PK-U	33.2	-32.7	0	42.74	-	-	-	-	68.2	-25.46	10	300	H
4	3.45321	43.63	PK-U	32.9	-32.8	0	43.73	-	-	-	-	68.2	-24.47	57	232	V
5	6.90654	40.65	PK-U	35.6	-29.1	0	47.15	-	-	-	-	68.2	-21.05	313	103	H
6	6.90676	39.46	PK-U	35.6	-29.1	0	45.96	-	-	-	-	68.2	-22.24	181	228	V
7	10.36048	38.2	PK-U	37.5	-25	0	50.7	-	-	-	-	68.2	-17.5	255	108	V

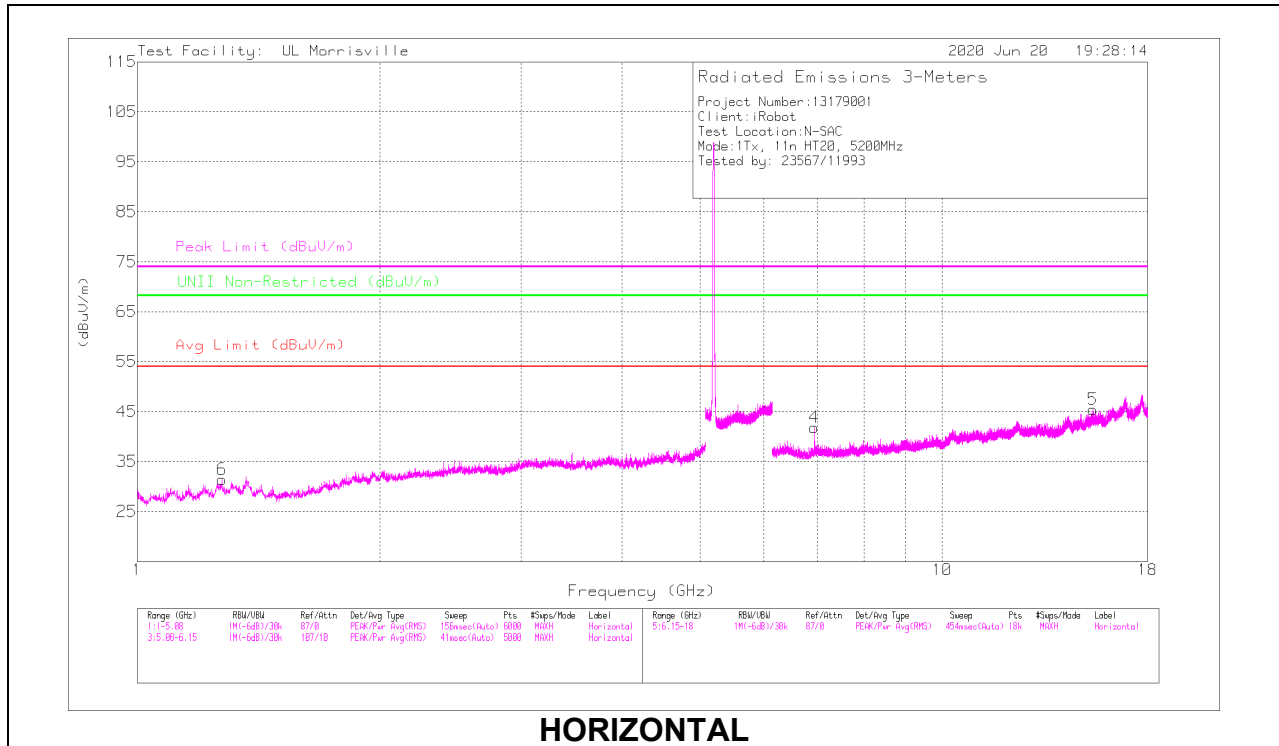
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

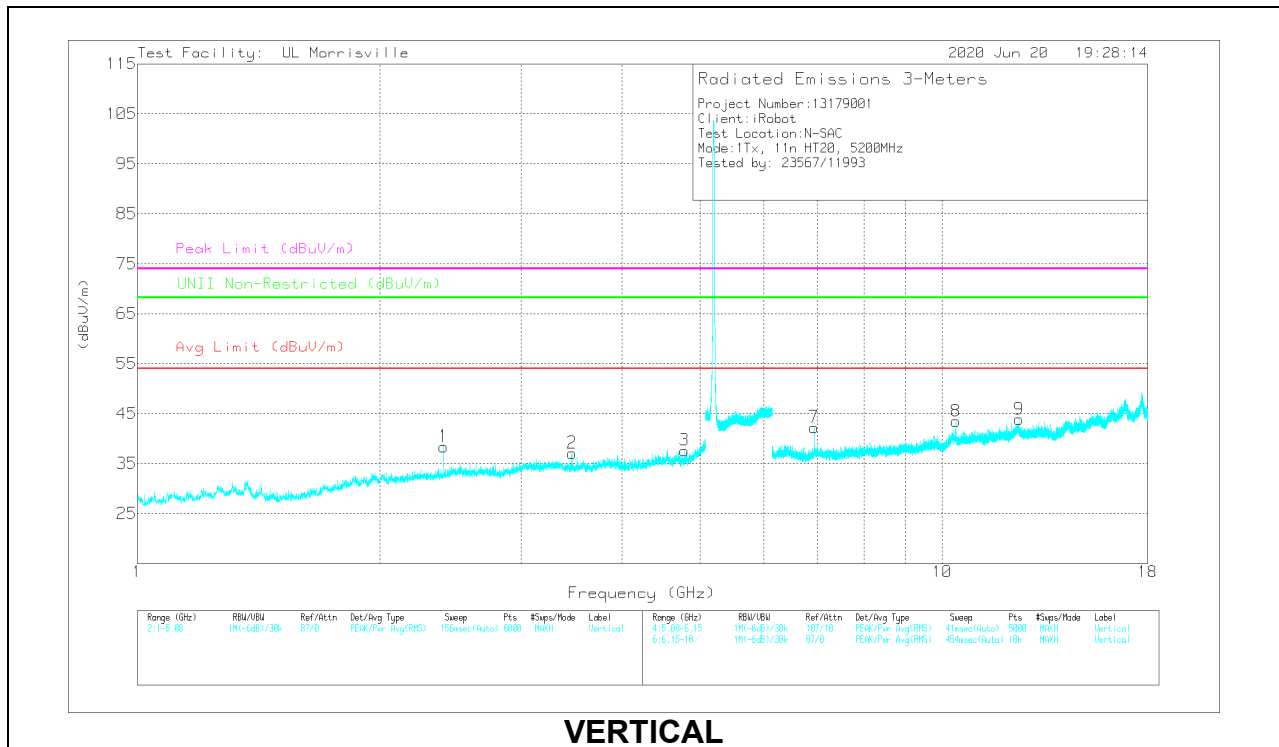
PK-U - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



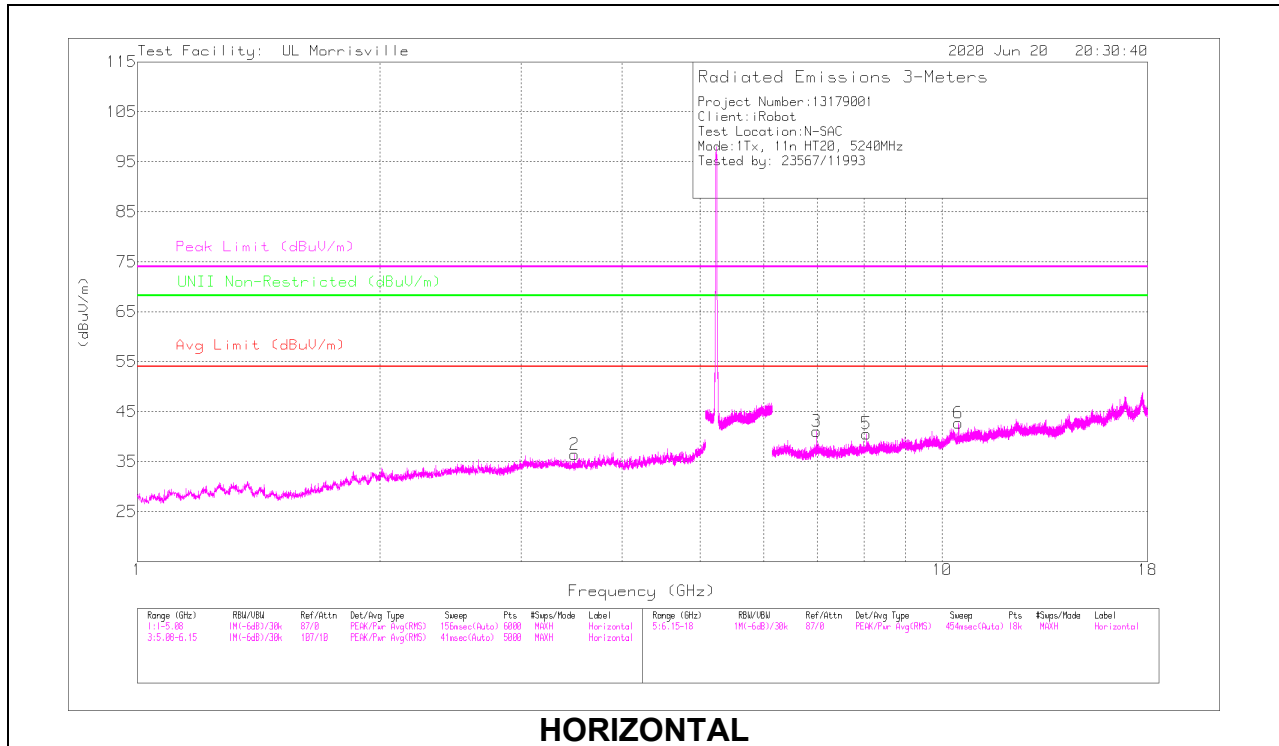
VERTICAL

RADIATED EMISSIONS

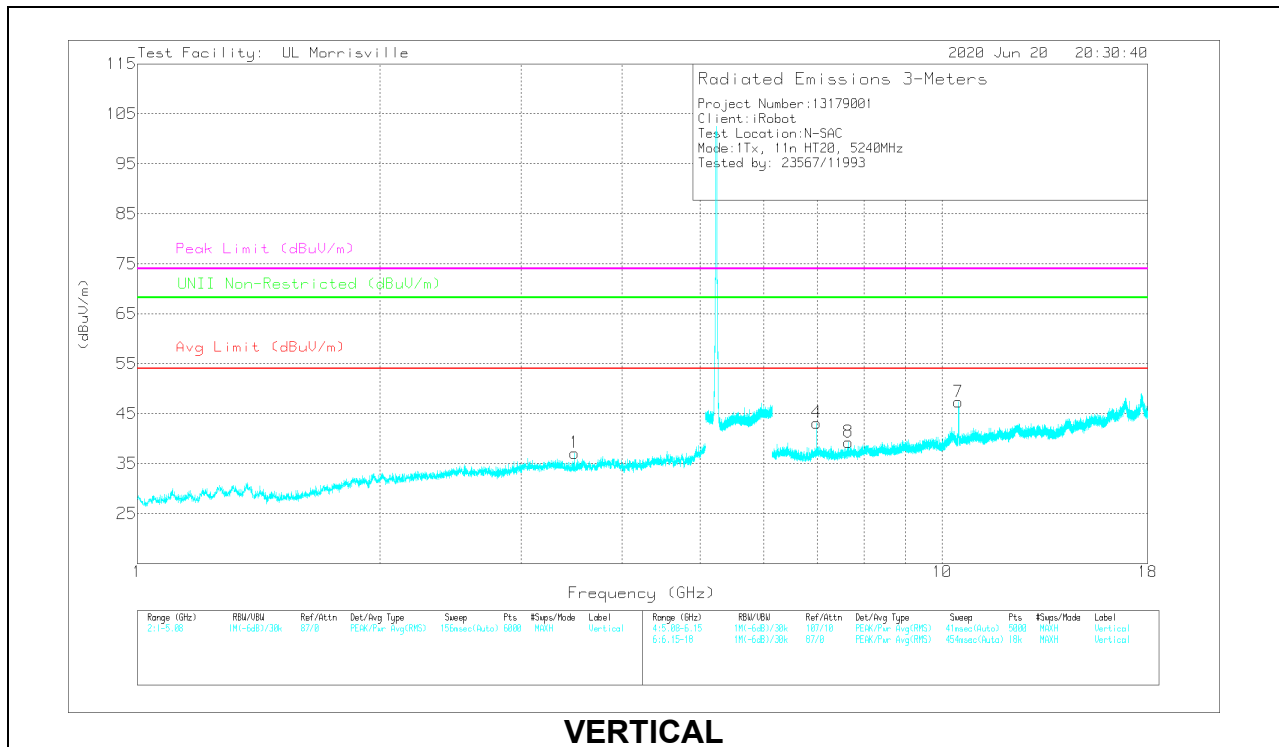
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 1.27272	43.5	PK-U	29.5	-36.1	0	36.9	-	-	74	-37.1	68.2	-31.32	356	358	H
	* 1.27134	30.83	ADV	29.4	-36.1	.24	24.37	54	-29.63	-	-	-	-	356	358	H
3	** 4.78675	39.78	PK-U	34.2	-30.6	0	43.38	-	-	74	-30.62	-	-	3	376	V
	** 4.78657	26.9	ADV	34.2	-30.6	.24	30.74	54	-23.26	-	-	-	-	3	376	V
5	** 15.40274	36.57	PK-U	40.1	-25.4	0	51.27	-	-	74	-22.73	-	-	319	289	H
	** 15.40293	23.61	ADV	40.1	-25.4	.24	38.55	54	-15.45	-	-	-	-	319	289	H
9	** 12.45275	34.92	PK-U	39	-24.5	0	49.42	-	-	74	-24.58	-	-	309	366	V
	** 12.45395	22.1	ADV	39	-24.5	.24	36.84	54	-17.16	-	-	-	-	309	366	V
1	2.40193	45.97	PK-U	31.9	-33.6	0	44.27	-	-	-	-	68.2	-23.93	347	188	V
2	3.46663	43.93	PK-U	32.9	-32.8	0	44.03	-	-	-	-	68.2	-24.17	50	207	V
7	6.93332	39.64	PK-U	35.8	-28.7	0	46.74	-	-	-	-	68.2	-21.46	297	375	V
4	6.93336	40.57	PK-U	35.8	-28.7	0	47.67	-	-	-	-	68.2	-20.53	318	102	H
8	10.40839	40.09	PK-U	37.5	-25.8	0	51.79	-	-	-	-	68.2	-16.41	298	112	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* ** 8.05119	37.19	PK-U	35.9	-27	0	46.09	-	-	74	-27.91	-	-	86	259	H
	* ** 8.05034	23.49	ADV	35.9	-27	.24	32.63	54	-21.37	-	-	-	-	86	259	H
8	* ** 7.64876	38.09	PK-U	35.8	-28.5	0	45.39	-	-	74	-28.61	-	-	218	249	V
	* ** 7.64821	24.31	ADV	35.8	-28.5	.24	31.85	54	-22.15	-	-	-	-	218	249	V
1	3.49331	43.23	PK-U	32.9	-32.8	0	43.33	-	-	-	-	68.2	-24.87	52	206	V
2	3.49337	43.46	PK-U	32.9	-32.8	0	43.56	-	-	-	-	68.2	-24.64	93	103	H
4	6.98669	39.35	PK-U	35.7	-28.5	0	46.55	-	-	-	-	68.2	-21.65	325	389	V
3	6.98668	39.53	PK-U	35.7	-28.5	0	46.73	-	-	-	-	68.2	-21.47	322	328	H
7	10.4809	42.41	PK-U	37.6	-26.5	0	53.51	-	-	-	-	68.2	-14.69	286	104	V
6	10.48195	39.07	PK-U	37.6	-26.5	0	50.17	-	-	-	-	68.2	-18.03	223	151	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

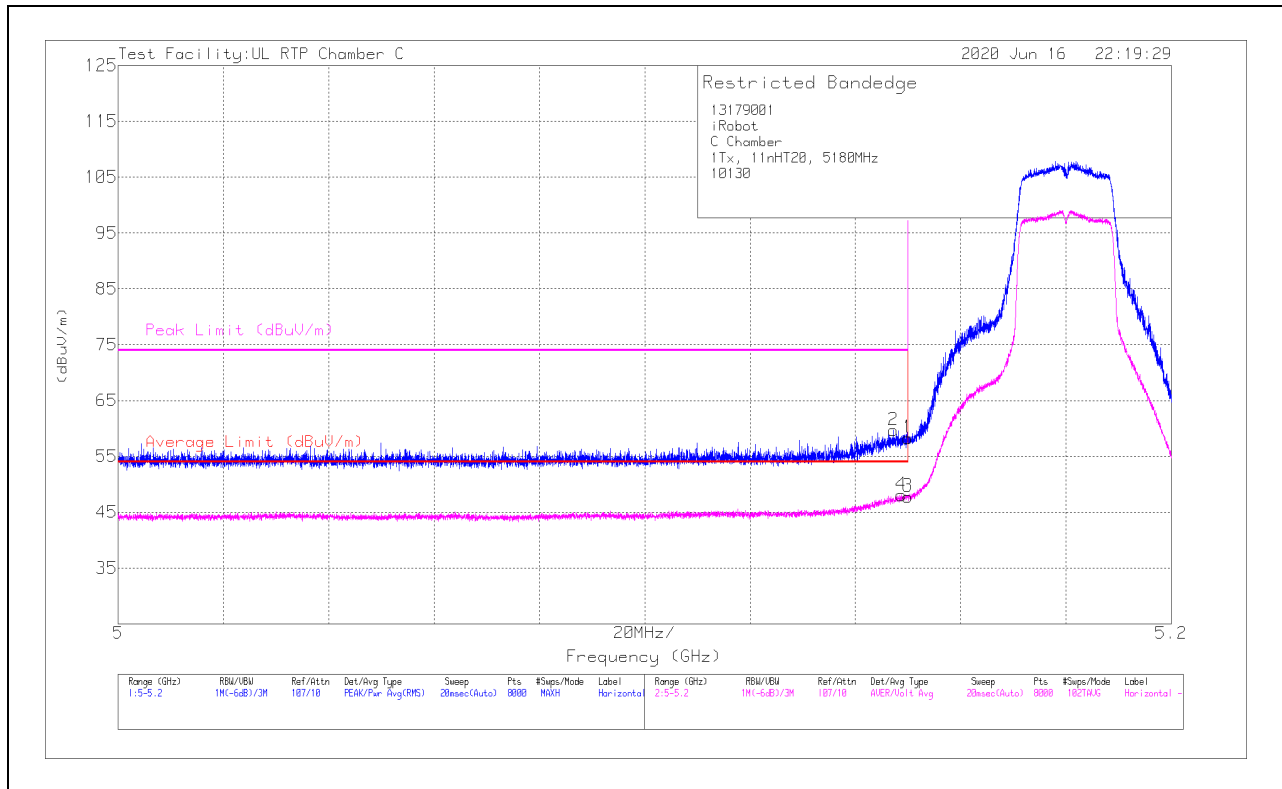
PK-U - Maximum Peak

ADV - Linear Voltage Average

1TX PCB Antenna MODE

BANEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	39.89	PK	34.2	-15.8	0	58.29	-	-	74	-15.71	349	236	H
2	*** 5.14724	41.29	Pk	34.2	-15.8	0	59.69	-	-	74	-14.31	349	236	H
3	*** 5.14999	29.17	ADV	34.2	-15.8	.24	47.81	54	-6.19	-	-	349	236	H
4	*** 5.14872	29.45	ADV	34.2	-15.8	.24	48.09	54	-5.91	-	-	349	236	H

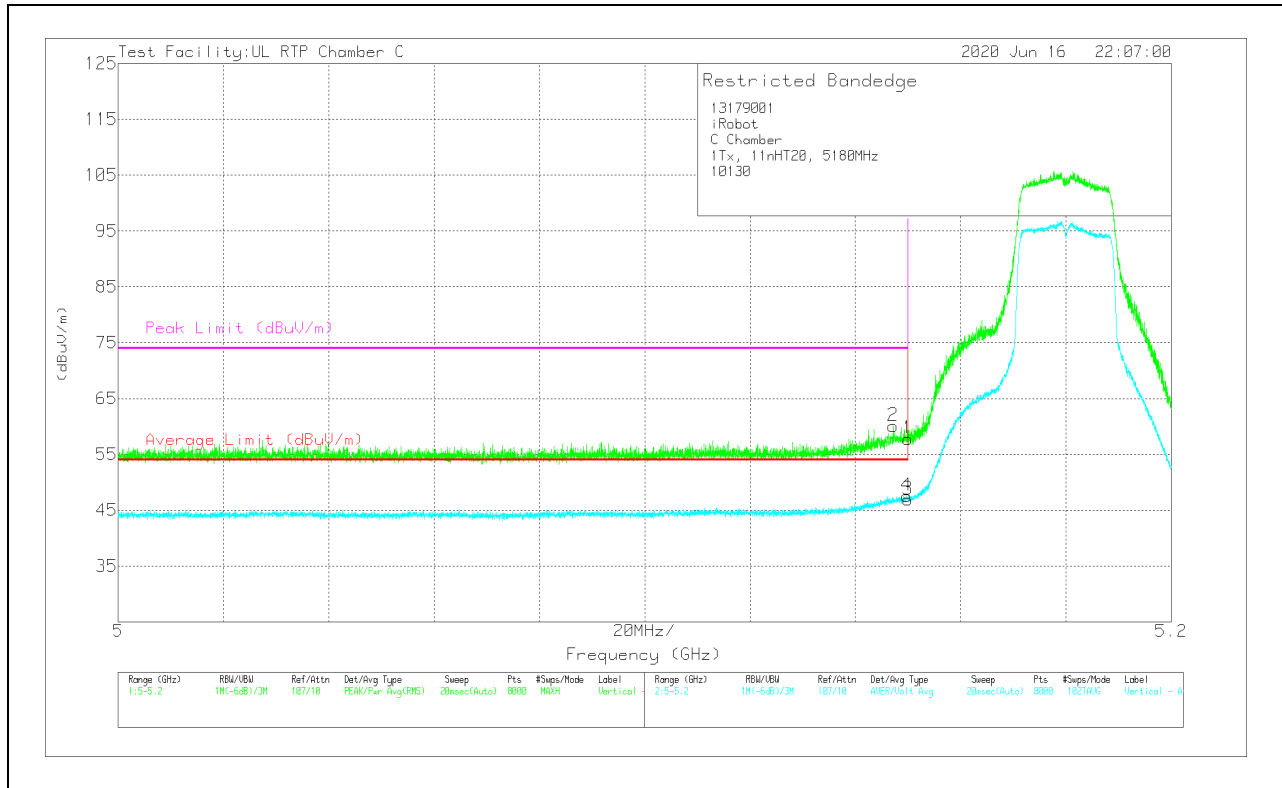
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	39.4	Pk	34.2	-15.8	0	57.8	-	-	74	-16.2	151	316	V
2	*** 5.14717	41.7	Pk	34.2	-15.8	0	60.1	-	-	74	-13.9	151	316	V
3	*** 5.14999	28.32	ADV	34.2	-15.8	.24	46.96	54	-7.04	-	-	151	316	V
4	*** 5.14977	28.94	ADV	34.2	-15.8	.24	47.58	54	-6.42	-	-	151	316	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

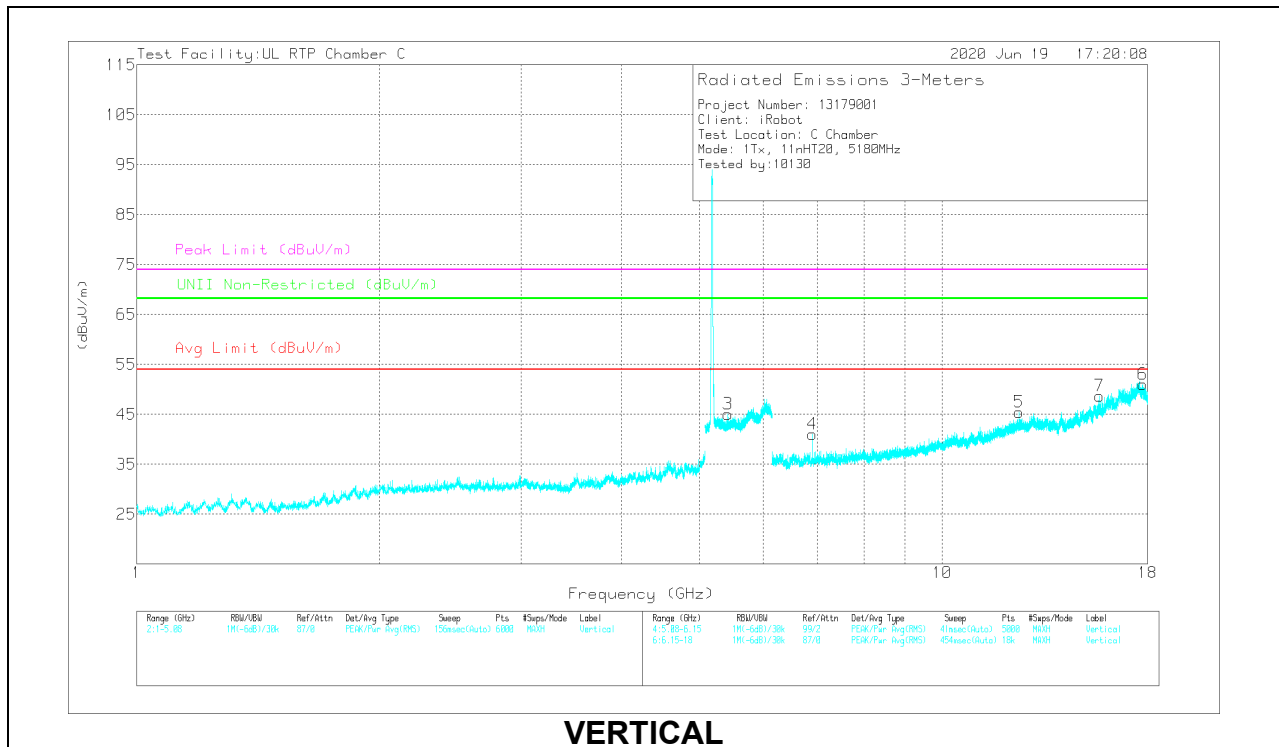
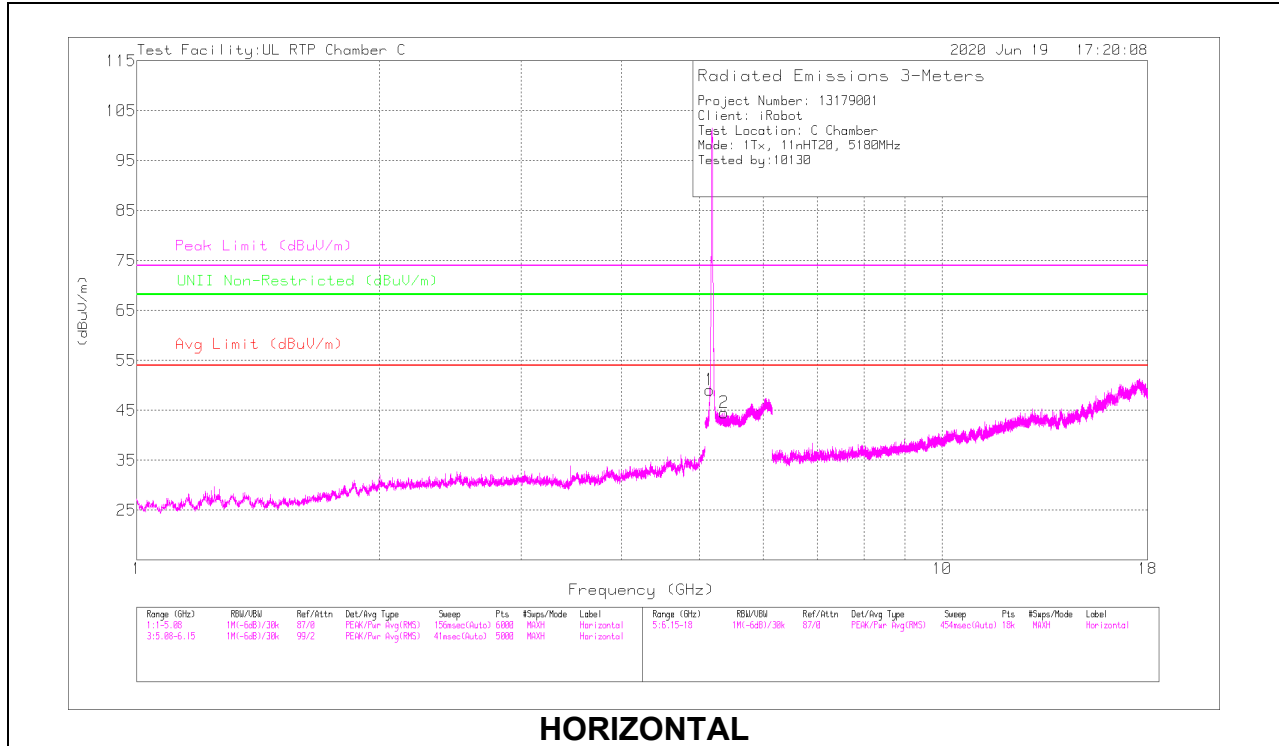
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

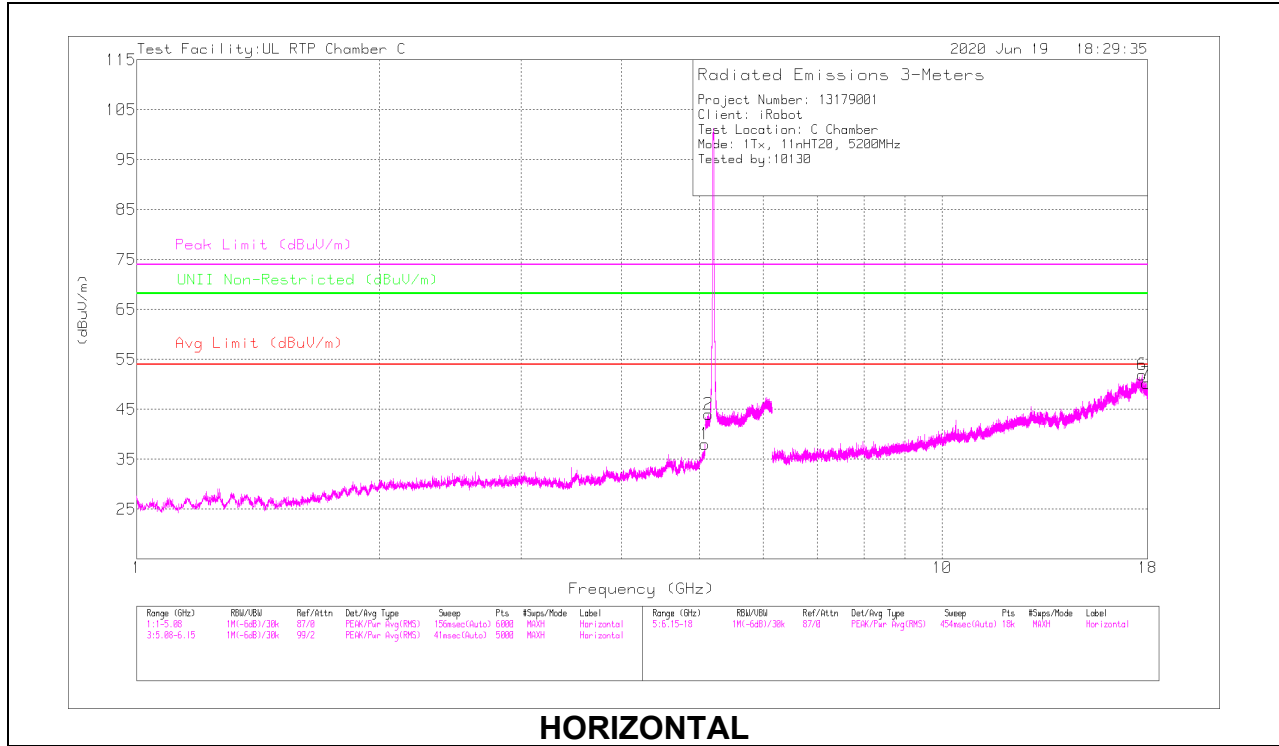


RADIATED EMISSIONS

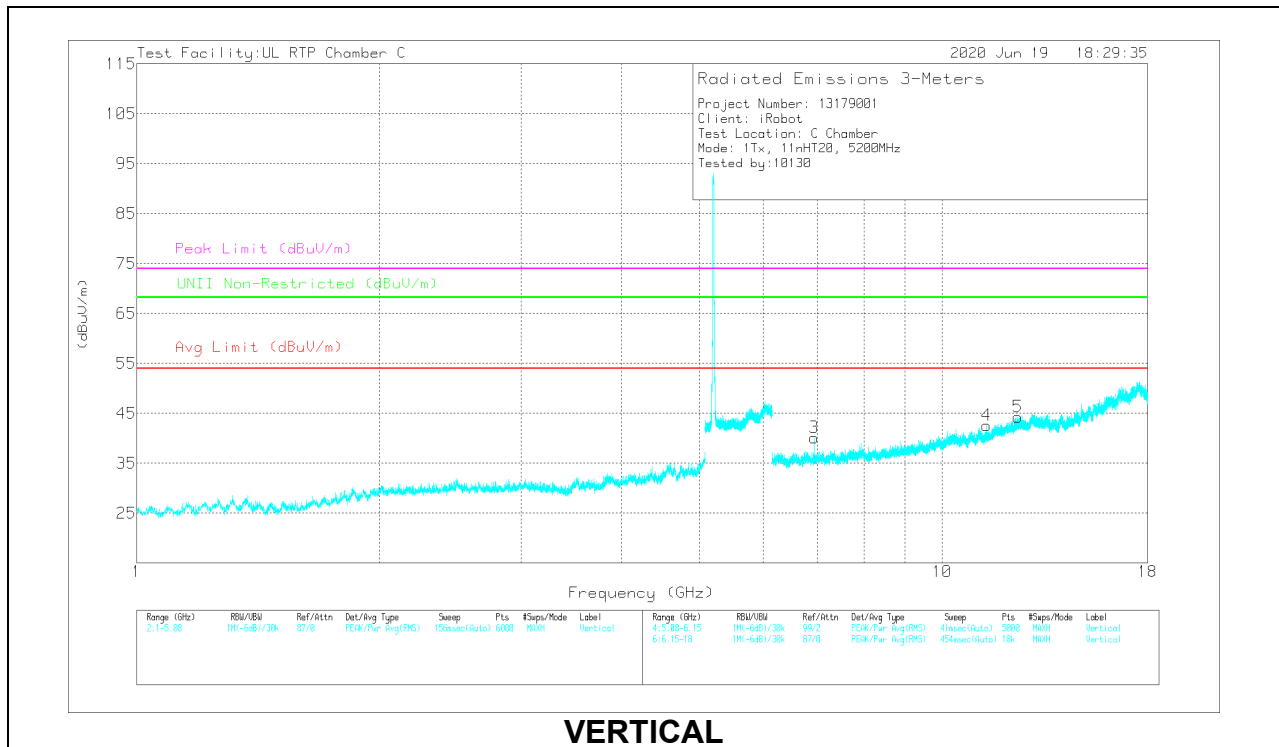
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14361	38.79	PK-U	34.2	-15.8	0	57.19	-	-	74	-16.81	-	-	73	107	H
	*** 5.14491	24.75	ADV	34.2	-15.8	.24	43.39	54	-10.61	-	-	-	-	73	107	H
2	*** 5.36612	31.3	PK-U	34.6	-15.5	0	50.4	-	-	74	-23.6	-	-	39	261	H
	*** 5.36538	18.32	ADV	34.6	-15.4	.24	37.76	54	-16.24	-	-	-	-	39	261	H
3	*** 5.4209	30.9	PK-U	34.6	-15.4	0	50.1	-	-	74	-23.9	-	-	295	128	V
	*** 5.42272	18.15	ADV	34.6	-15.5	.24	37.49	54	-16.51	-	-	-	-	295	128	V
5	*** 12.45521	51.65	PK-U	39	-41	0	49.65	-	-	74	-24.35	-	-	67	150	V
	*** 12.45797	38.96	ADV	39	-41.2	.24	37	54	-17	-	-	-	-	67	150	V
6	*** 17.75266	48.88	PK-U	41.6	-33.5	0	56.98	-	-	74	-17.02	-	-	29	162	V
	*** 17.75206	36.64	ADV	41.6	-33.4	.24	45.08	54	-8.92	-	-	-	-	29	162	V
7	*** 15.68734	49.35	PK-U	40.7	-36.5	0	53.55	-	-	74	-20.45	-	-	271	290	V
	*** 15.68585	37.22	ADV	40.7	-36.6	.24	41.56	54	-12.44	-	-	-	-	271	290	V
4	6.90667	59.54	PK-U	35.7	-46.8	0	48.44	-	-	-	-	68.2	-19.76	292	105	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



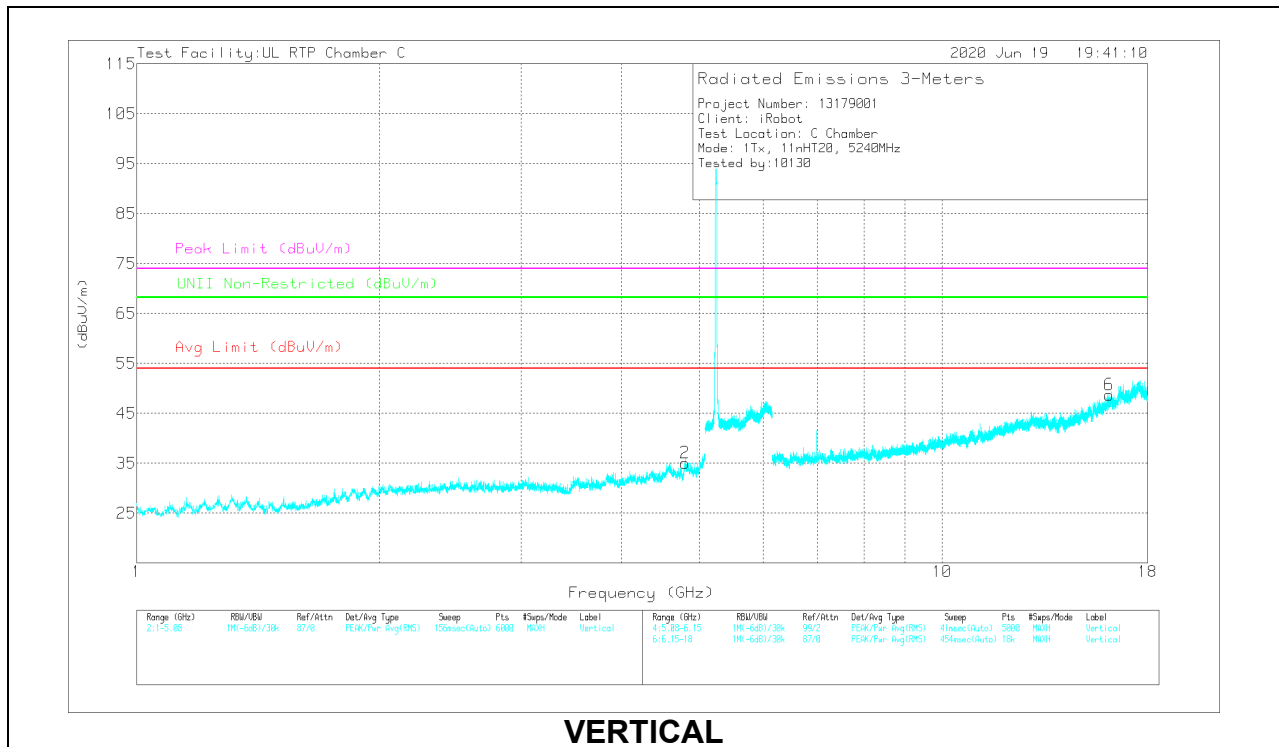
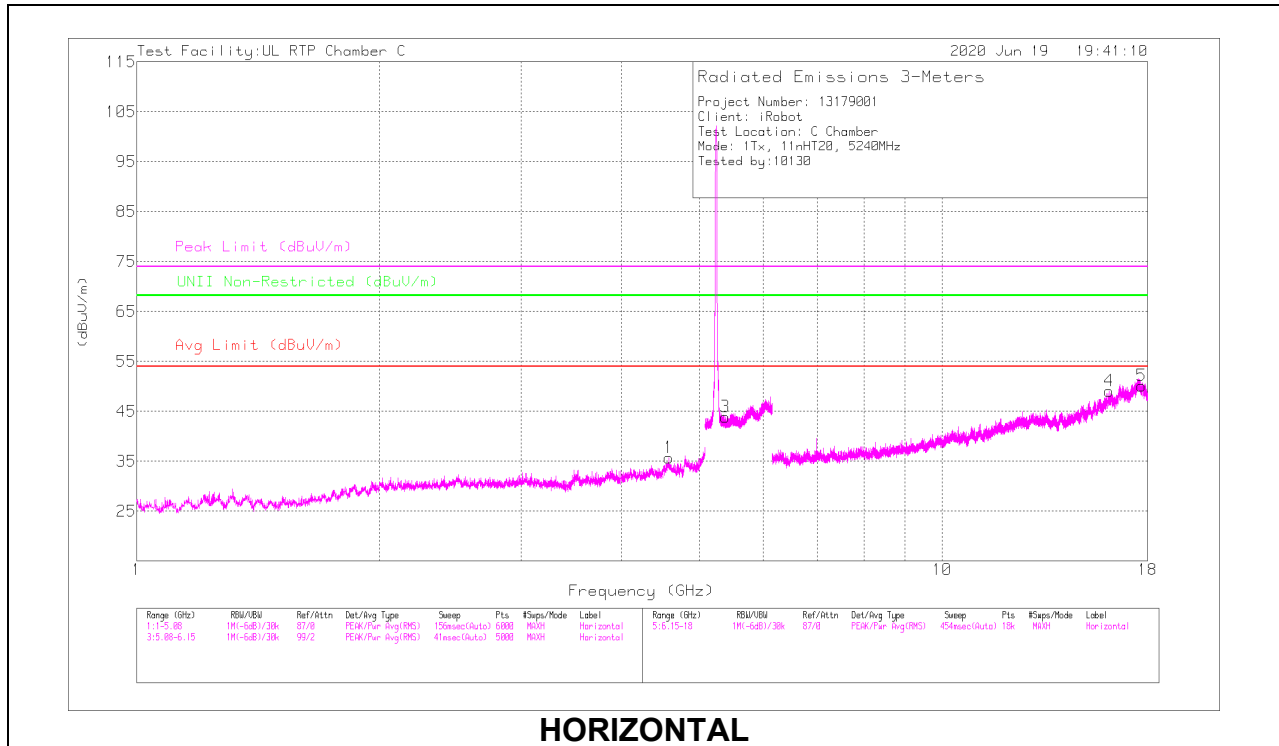
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.0786	59.07	PK-U	34.1	-46.3	0	46.87	-	-	74	-27.13	-	-	63	102	H
	*** 5.07754	43.66	ADV	34.1	-46.4	.24	31.6	54	-22.4	-	-	-	-	63	102	H
2	*** 5.12958	31.83	PK-U	34.2	-15.8	0	50.23	-	-	74	-23.77	-	-	68	207	H
	*** 5.13013	18.94	ADV	34.2	-15.8	.24	37.58	54	-16.42	-	-	-	-	68	207	H
6	*** 17.73106	48.61	PK-U	41.6	-33.6	0	56.61	-	-	74	-17.39	-	-	73	310	H
	*** 17.7297	36.5	ADV	41.6	-33.7	.24	44.64	54	-9.36	-	-	-	-	73	310	H
7	*** 17.93468	49.11	PK-U	41.5	-35.4	0	55.21	-	-	74	-18.79	-	-	93	102	H
	*** 17.93385	36.8	ADV	41.5	-35.3	.24	43.24	54	-10.76	-	-	-	-	93	102	H
4	*** 11.35789	51.82	PK-U	38	-42.5	0	47.32	-	-	74	-26.68	-	-	151	123	V
	*** 11.35647	39.41	ADV	38	-42.6	.24	35.05	54	-18.95	-	-	-	-	151	123	V
5	*** 12.41282	52.01	PK-U	39	-40	0	51.01	-	-	74	-22.99	-	-	19	353	V
	*** 12.41267	39.22	ADV	39	-40	.24	38.46	54	-15.54	-	-	-	-	19	353	V
3	6.93316	59.1	PK-U	35.7	-47.3	0	47.5	-	-	-	-	68.2	-20.7	291	104	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.57864	56.24	PK-U	34.1	-49.7	0	40.64	-	-	74	-33.36	-	-	57	102	H
	*** 4.58065	43.39	ADV	34.1	-49.8	.24	27.93	54	-26.07	-	-	-	-	57	102	H
2	*** 4.79532	54.23	PK-U	34.1	-48.5	0	39.83	-	-	74	-34.17	-	-	157	102	V
	*** 4.79368	41.88	ADV	34.1	-48.5	.24	27.72	54	-26.28	-	-	-	-	157	102	V
3	*** 5.38078	30.64	PK-U	34.6	-15.5	0	49.74	-	-	74	-24.26	-	-	285	243	H
	*** 5.38176	18.09	ADV	34.6	-15.5	.24	37.43	54	-16.57	-	-	-	-	285	243	H
4	*** 16.13732	50.55	PK-U	41.3	-37.9	0	53.95	-	-	74	-20.05	-	-	86	224	H
	*** 16.13452	38.6	ADV	41.3	-37.8	.24	42.34	54	-11.66	-	-	-	-	86	224	H
6	*** 16.12743	51.73	PK-U	41.3	-37.4	0	55.63	-	-	74	-18.37	-	-	97	147	V
	*** 16.12858	38.39	ADV	41.3	-37.5	.24	42.43	54	-11.57	-	-	-	-	97	147	V
5	17.69171	50.51	PK-U	41.6	-34.8	0	57.31	-	-	-	-	68.2	-10.89	186	140	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

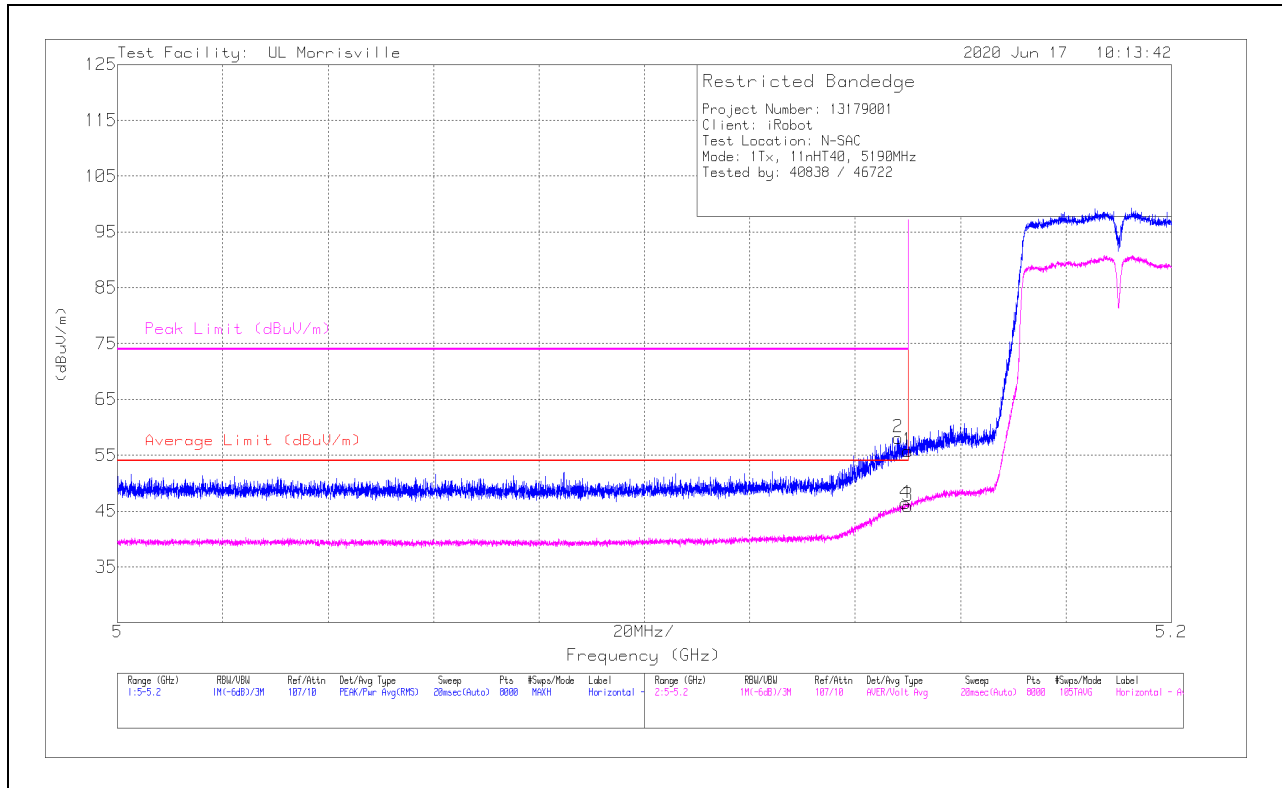
ADV - Linear Voltage Average

10.1.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND

1TX External Antenna MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	43.31	Pk	34.2	-21.7	0	55.81	-	-	74	-18.19	39	102	H
2	* ** 5.14819	45.65	Pk	34.2	-21.7	0	58.15	-	-	74	-15.85	39	102	H
3	* ** 5.14999	32.98	ADV	34.2	-21.7	.47	45.95	54	-8.05	-	-	39	101	H
4	* ** 5.14952	33.45	ADV	34.2	-21.7	.47	46.42	54	-7.58	-	-	39	101	H

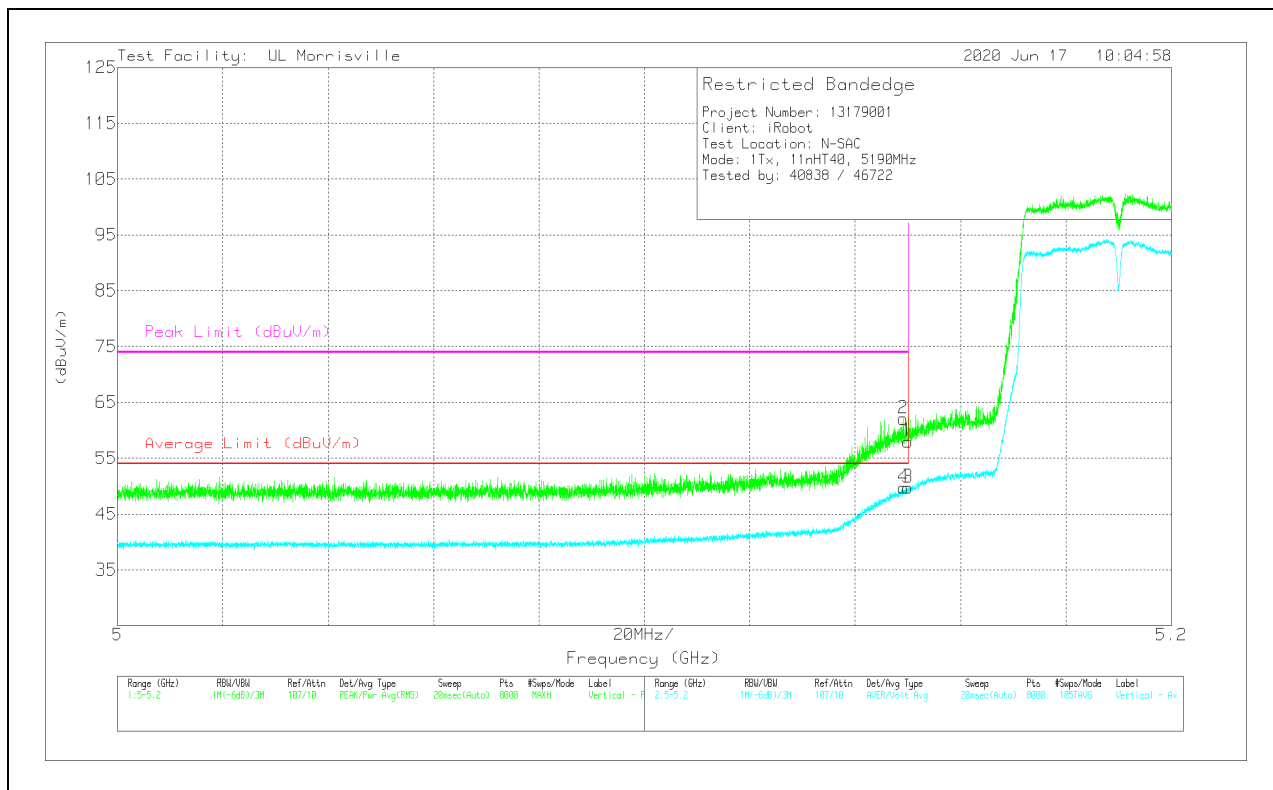
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

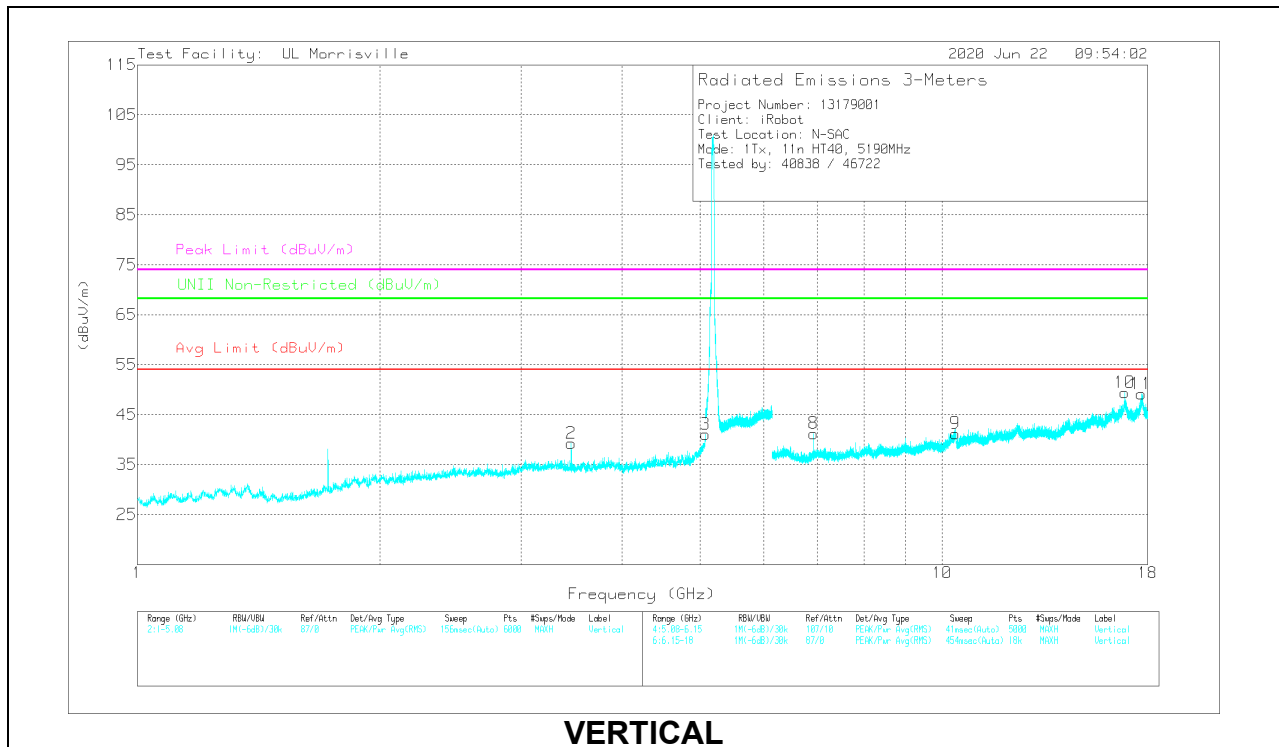
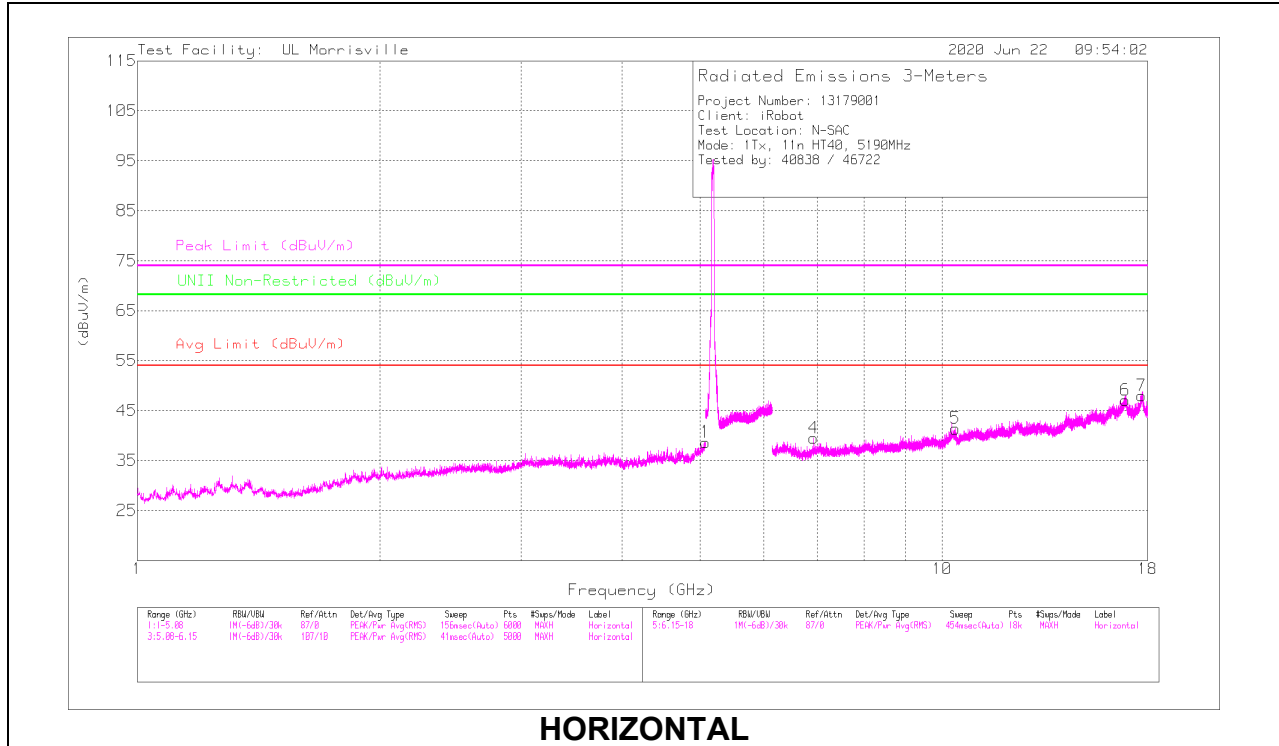


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	45.5	PK	34.2	-21.7	0	58	-	-	74	-16	296	112	V
2	*** 5.14912	49.6	Pk	34.2	-21.7	0	62.1	-	-	74	-11.9	296	112	V
3	*** 5.14999	36.78	ADV	34.2	-21.7	.47	49.75	54	-4.25	-	-	296	112	V
4	*** 5.14917	36.75	ADV	34.2	-21.7	.47	49.72	54	-4.28	-	-	296	112	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

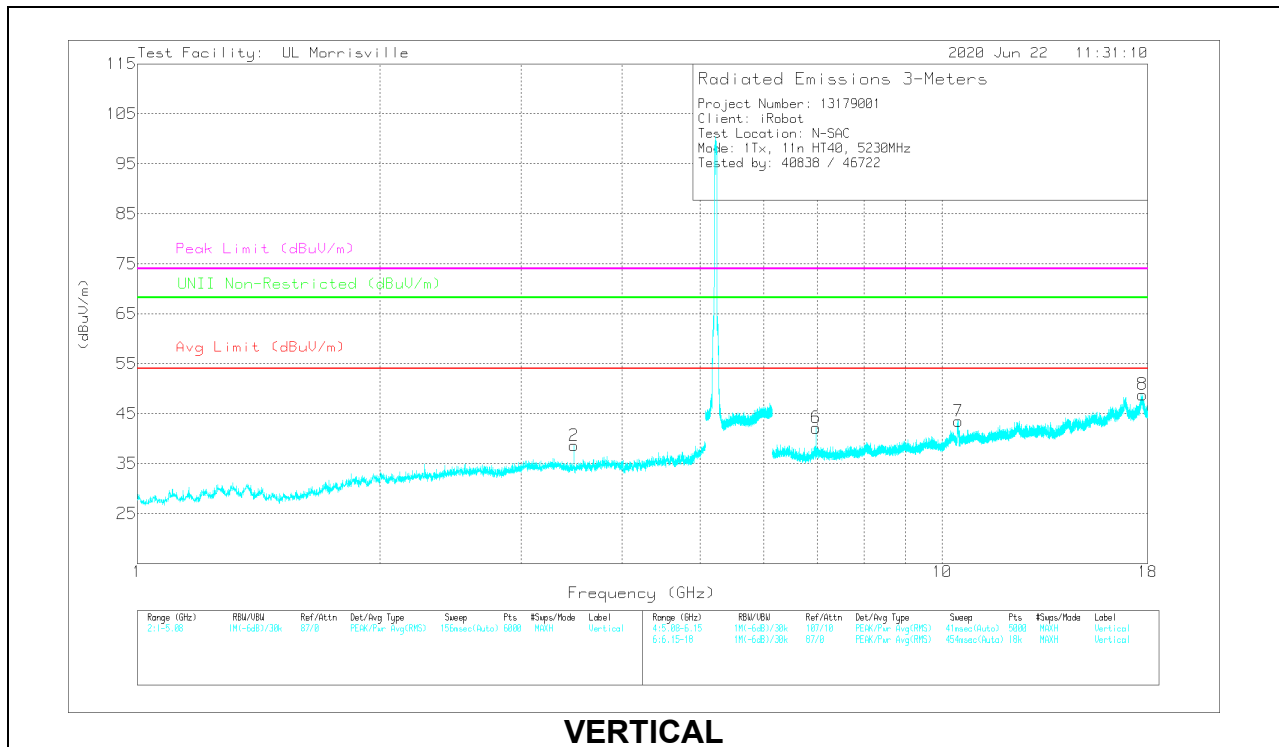
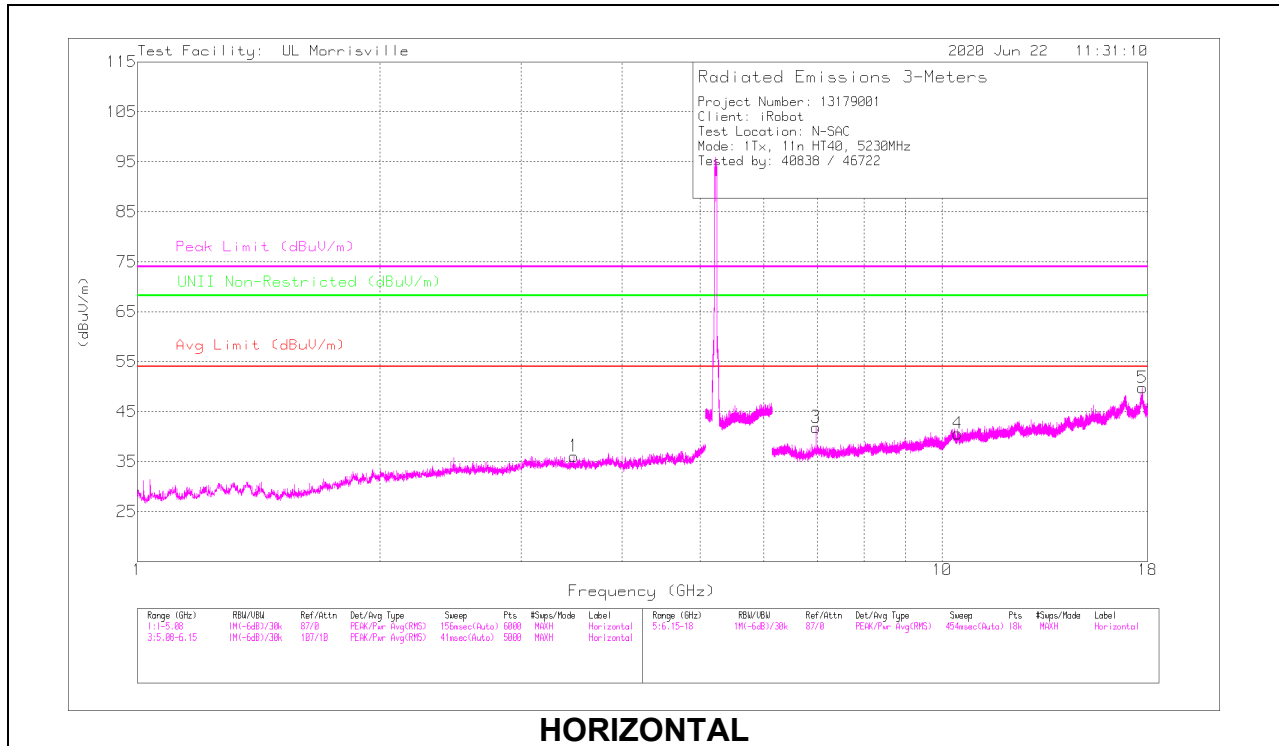


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.07933	40.82	PK-U	34.3	-29.1	0	46.02	-	-	74	-27.98	-	-	24	322	H
	* ** 5.0795	27.8	ADV	34.3	-29.1	.47	33.47	54	-20.53	-	-	-	-	24	322	H
3	* ** 5.07819	41.71	PK-U	34.2	-29.2	0	46.71	-	-	74	-27.29	-	-	319	100	V
	* ** 5.07765	29.14	ADV	34.2	-29.2	.47	34.61	54	-19.39	-	-	-	-	319	100	V
2	3.46008	44.89	PK-U	32.9	-32.8	0	44.99	-	-	-	-	68.2	-23.21	67	257	V
4	6.91989	39.2	PK-U	35.7	-29	0	45.9	-	-	-	-	68.2	-22.3	12	122	H
8	6.91992	41	PK-U	35.7	-28.9	0	47.8	-	-	-	-	68.2	-20.4	31	353	V
5	10.37936	36.6	PK-U	37.6	-25.3	0	48.9	-	-	-	-	68.2	-19.3	20	107	H
9	10.3857	35.89	PK-U	37.5	-25.5	0	47.89	-	-	-	-	68.2	-20.31	314	269	V
10	16.86766	35.14	PK-U	41.6	-22.7	0	54.04	-	-	-	-	68.2	-14.16	345	115	V
6	16.89453	35.52	PK-U	41.5	-22.5	0	54.52	-	-	-	-	68.2	-13.68	184	220	H
11	17.68187	33.9	PK-U	41.7	-21	0	54.6	-	-	-	-	68.2	-13.6	323	219	V
7	17.69897	33.17	PK-U	41.6	-20.6	0	54.17	-	-	-	-	68.2	-14.03	192	366	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* ** 17.73915	33.4	PK-U	41.7	-19.7	0	55.4	-	-	74	-18.6	-	-	229	165	H
	* ** 17.73955	20.89	ADV	41.7	-19.7	.47	43.38	54	-10.62	-	-	-	-	229	165	H
8	* ** 17.7411	33.85	PK-U	41.7	-19.8	0	55.75	-	-	74	-18.25	-	-	105	245	V
	* ** 17.73921	20.88	ADV	41.7	-19.7	.47	43.37	54	-10.63	-	-	-	-	105	245	V
2	3.4865	43.86	PK-U	33	-32.8	0	44.06	-	-	-	-	68.2	-24.14	3	120	V
1	3.48673	42.67	PK-U	33	-32.8	0	42.87	-	-	-	-	68.2	-25.33	138	103	H
6	6.97325	39.16	PK-U	35.7	-28.6	0	46.26	-	-	-	-	68.2	-21.94	304	102	V
3	6.97331	40.45	PK-U	35.7	-28.6	0	47.55	-	-	-	-	68.2	-20.65	13	103	H
4	10.4586	38	PK-U	37.6	-26.5	0	49.1	-	-	-	-	68.2	-19.1	21	102	H
7	10.46907	38.65	PK-U	37.6	-26.5	0	49.75	-	-	-	-	68.2	-18.45	243	295	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

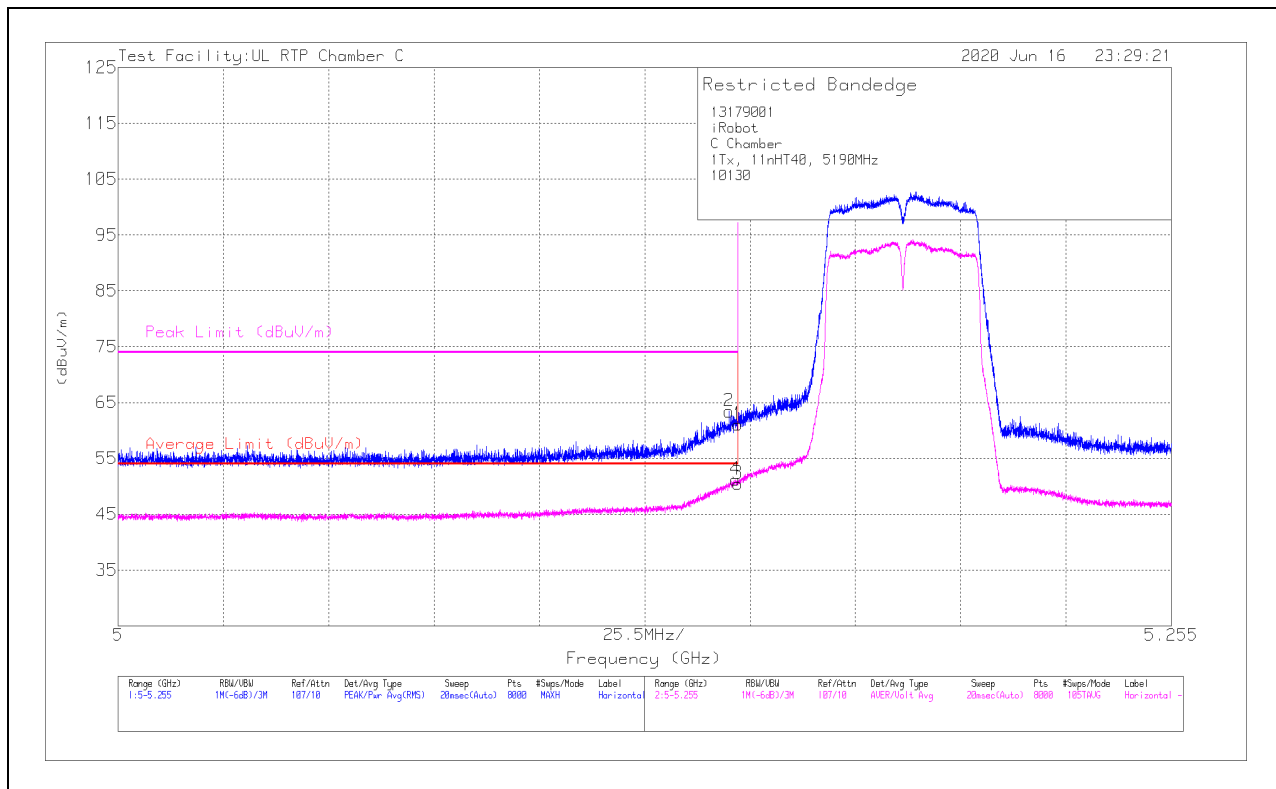
PK-U - Maximum Peak

ADV - Linear Voltage Average

1TX PCB Antenna MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	42.65	PK	34.2	-15.8	0	61.05	-	-	74	-12.95	337	102	H
2	*** 5.14789	45.04	Pk	34.2	-15.8	0	63.44	-	-	74	-10.56	337	102	H
3	*** 5.14999	31.61	ADV	34.2	-15.8	.47	50.48	54	-3.52	-	-	337	102	H
4	*** 5.14948	32.32	ADV	34.2	-15.8	.47	51.19	54	-2.81	-	-	337	102	H

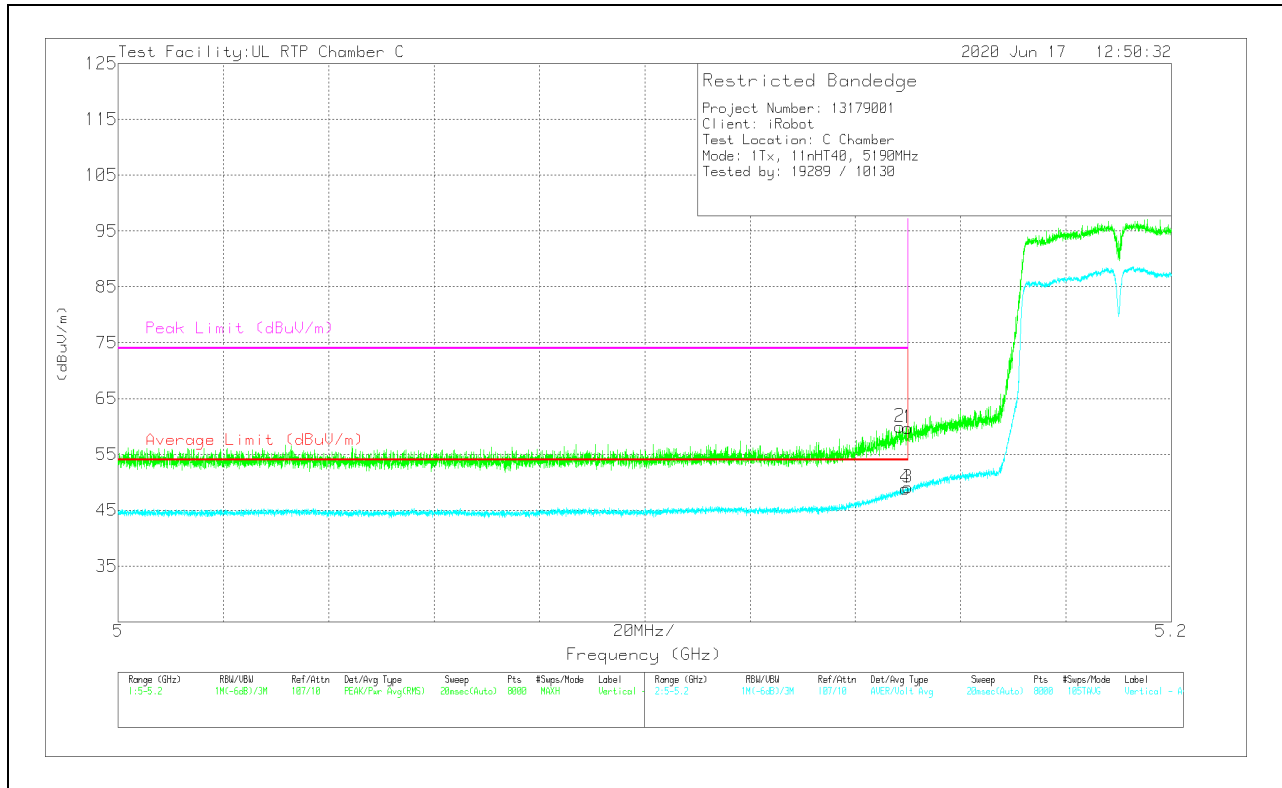
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	41.34	PK	34.2	-15.8	0	59.74	-	-	74	-14.26	105	253	V
2	*** 5.14844	41.56	Pk	34.2	-15.8	0	59.96	-	-	74	-14.04	105	253	V
3	* ** 5.14999	30.22	ADV	34.2	-15.8	.47	49.09	54	-4.91	-	-	105	253	V
4	* ** 5.14947	30.05	ADV	34.2	-15.8	.47	48.92	54	-5.08	-	-	105	253	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

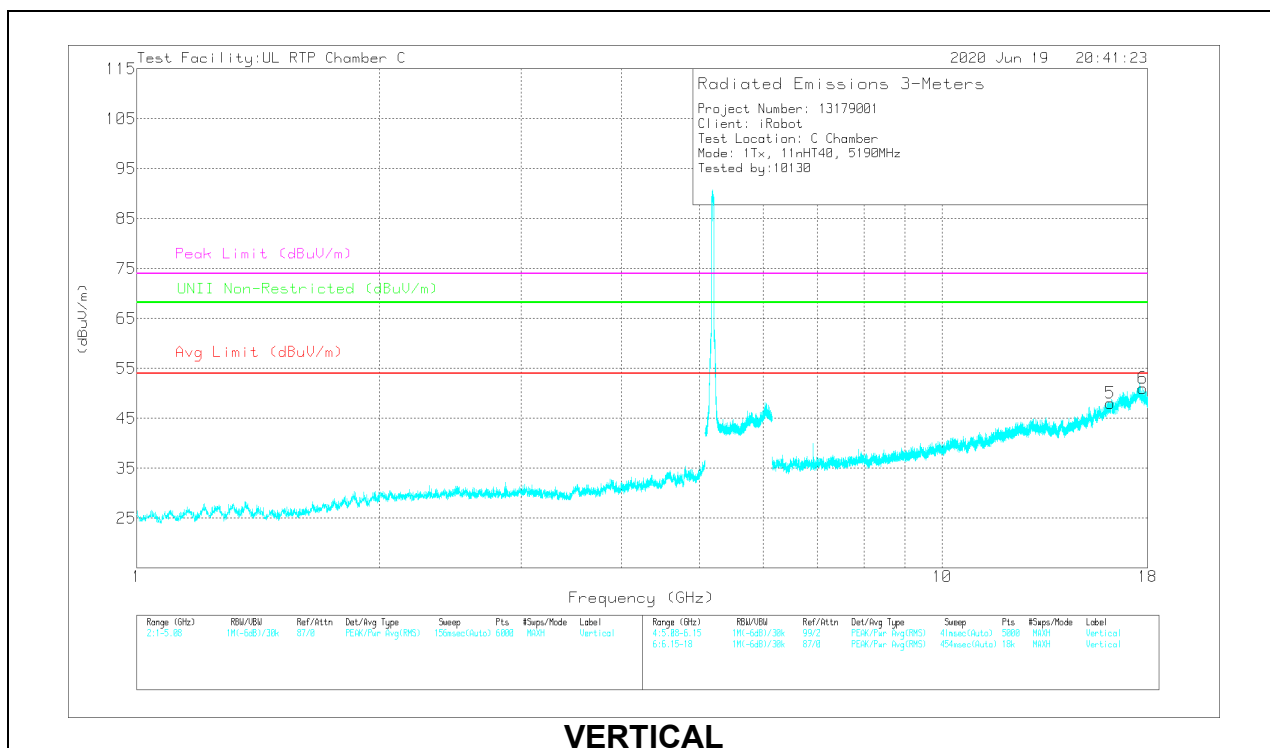
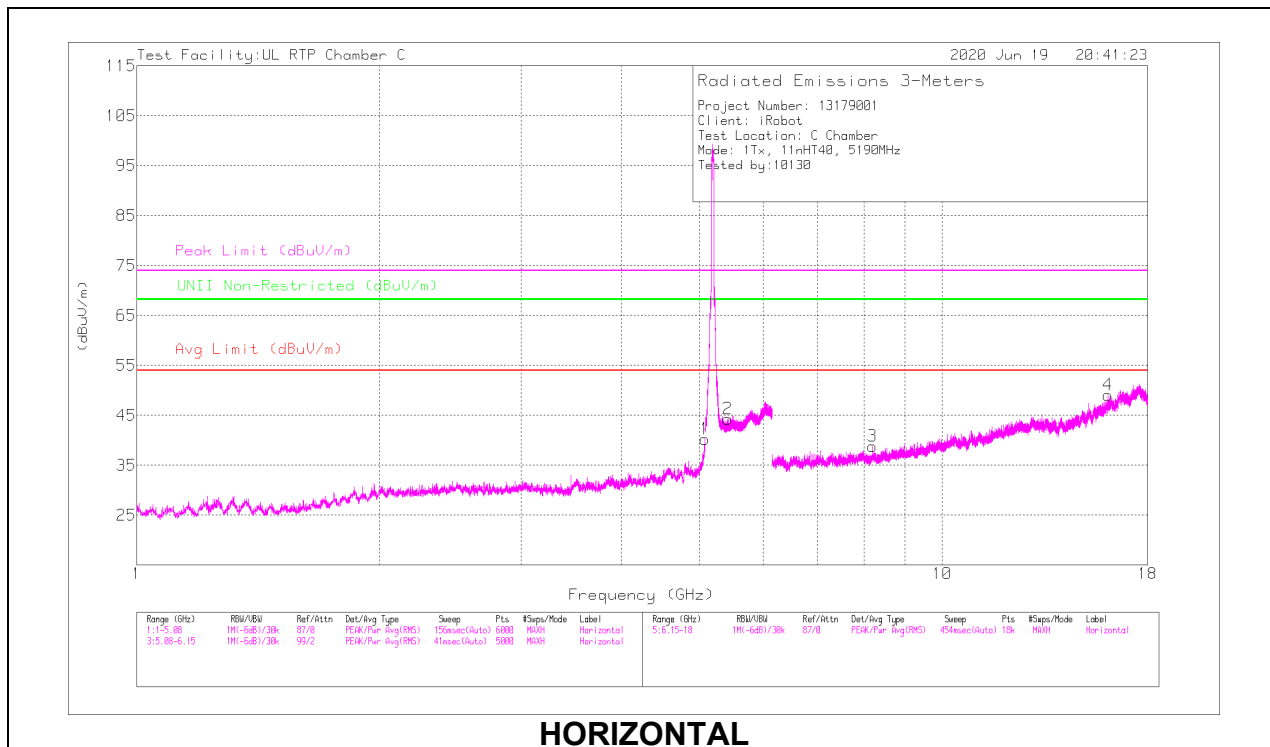
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.07781	61.83	PK-U	34.1	-46.4	0	49.53	-	-	74	-24.47	-	-	72	105	H
	*** 5.07912	46.71	ADV	34.1	-46.3	.47	34.98	54	-19.02	-	-	-	-	72	105	H
2	*** 5.41645	30.95	PK-U	34.6	-15.3	0	50.25	-	-	74	-23.75	-	-	65	361	H
	*** 5.41614	18.37	ADV	34.6	-15.3	.47	38.14	54	-15.86	-	-	-	-	65	361	H
3	*** 8.19773	54.22	PK-U	35.9	-45.1	0	45.02	-	-	74	-28.98	-	-	12	174	H
	*** 8.19766	41.05	ADV	35.9	-45.1	.47	32.32	54	-21.68	-	-	-	-	12	174	H
4	*** 16.07359	50.18	PK-U	41.3	-36.3	0	55.18	-	-	74	-18.82	-	-	349	202	H
	*** 16.07439	37.9	ADV	41.3	-36.3	.47	43.37	54	-10.63	-	-	-	-	349	202	H
5	*** 16.17583	50.92	PK-U	41.3	-37.7	0	54.52	-	-	74	-19.48	-	-	324	119	V
	*** 16.17354	38.41	ADV	41.3	-37.8	.47	42.38	54	-11.62	-	-	-	-	324	119	V
6	*** 17.75021	49.21	PK-U	41.6	-33.8	0	57.01	-	-	74	-16.99	-	-	11	313	V
	*** 17.75232	36.71	ADV	41.6	-33.4	.47	45.38	54	-8.62	-	-	-	-	11	313	V

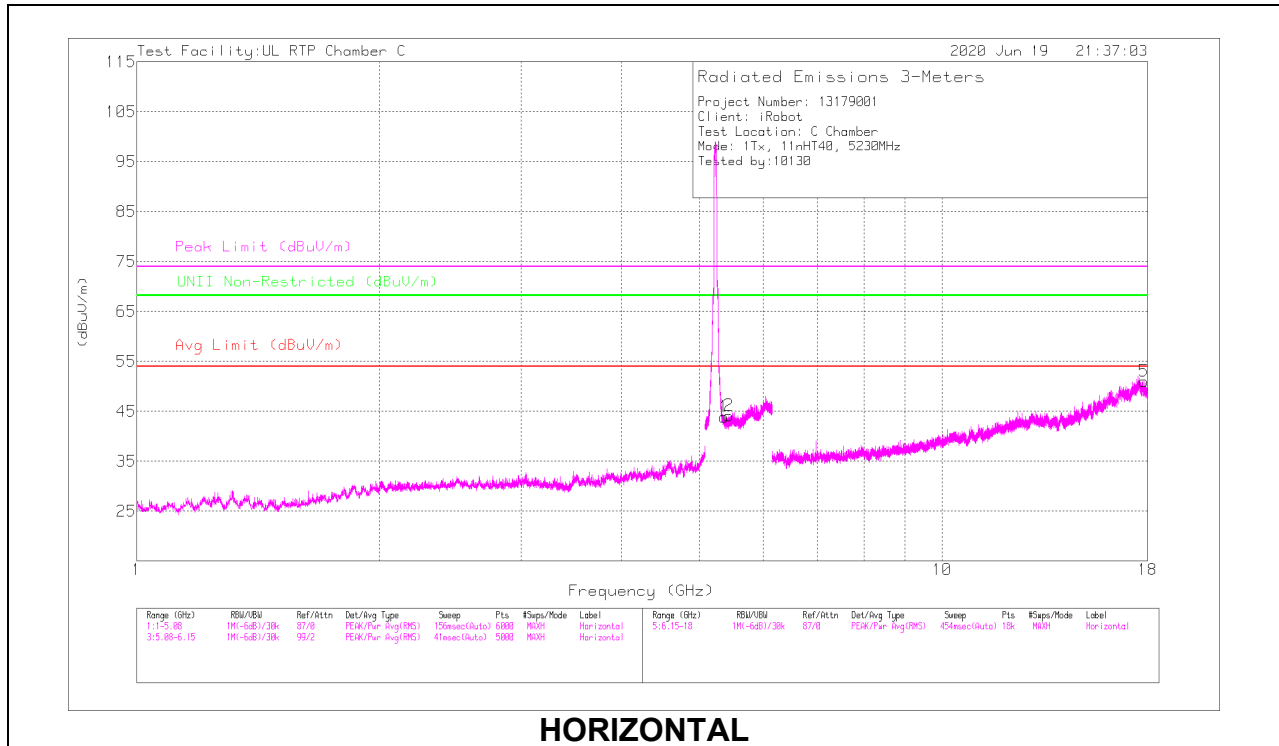
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

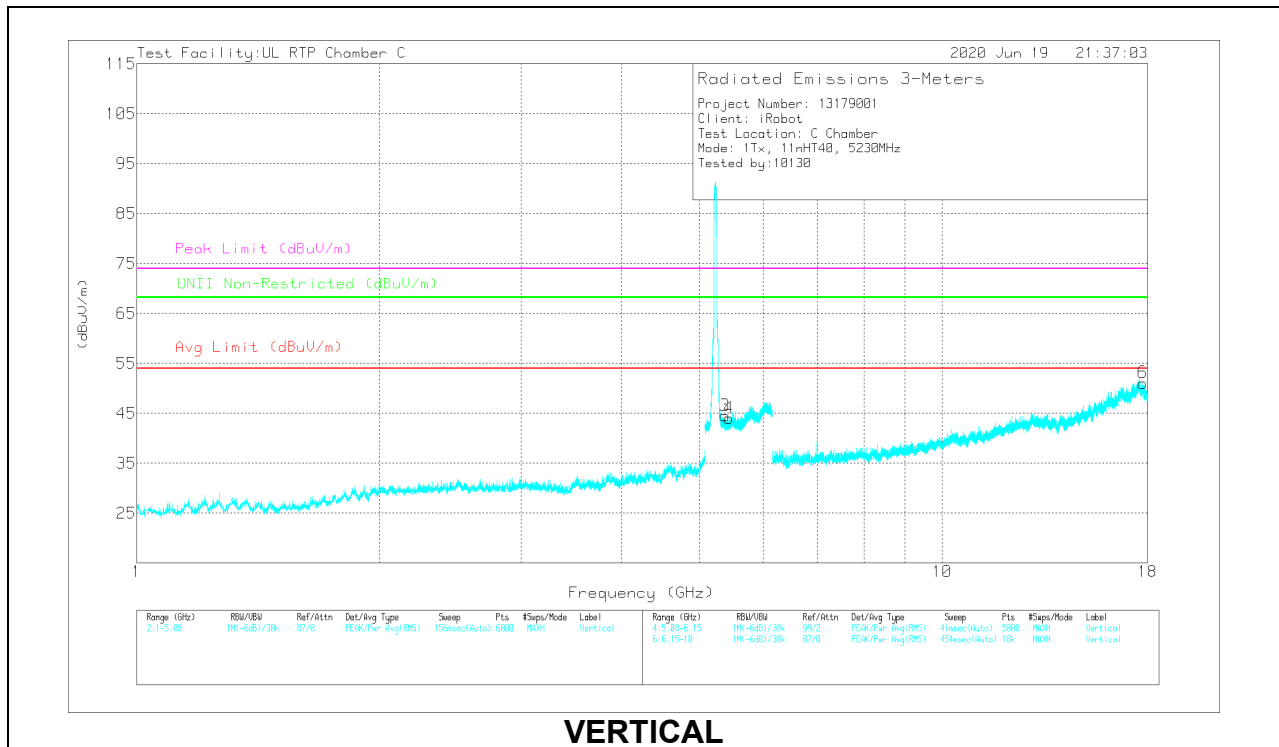
PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35995	31.38	PK-U	34.6	-15.3	0	50.68	-	-	74	-23.32	-	-	146	125	H
	*** 5.35961	18.51	ADV	34.6	-15.3	.47	38.28	54	-15.72	-	-	-	-	146	125	H
2	*** 5.43561	31.11	PK-U	34.6	-15.4	0	50.31	-	-	74	-23.69	-	-	283	387	H
	*** 5.43441	18.46	ADV	34.6	-15.4	.47	38.13	54	-15.87	-	-	-	-	283	387	H
3	*** 5.3785	31.8	PK-U	34.6	-15.5	0	50.9	-	-	74	-23.1	-	-	243	368	V
	*** 5.37476	18.45	ADV	34.6	-15.5	.47	38.02	54	-15.98	-	-	-	-	243	368	V
4	*** 5.44083	30.8	PK-U	34.6	-15.4	0	50	-	-	74	-24	-	-	89	359	V
	*** 5.44178	18.45	ADV	34.6	-15.4	.47	38.12	54	-15.88	-	-	-	-	89	359	V
5	*** 17.80033	50.28	PK-U	41.5	-35.5	0	56.28	-	-	74	-17.72	-	-	194	169	H
	*** 17.80048	37.4	ADV	41.5	-35.5	.47	43.87	54	-10.13	-	-	-	-	194	169	H
6	*** 17.74238	49.26	PK-U	41.6	-33.7	0	57.16	-	-	74	-16.84	-	-	268	307	V
	*** 17.7421	36.57	ADV	41.6	-33.7	.47	44.94	54	-9.06	-	-	-	-	268	307	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

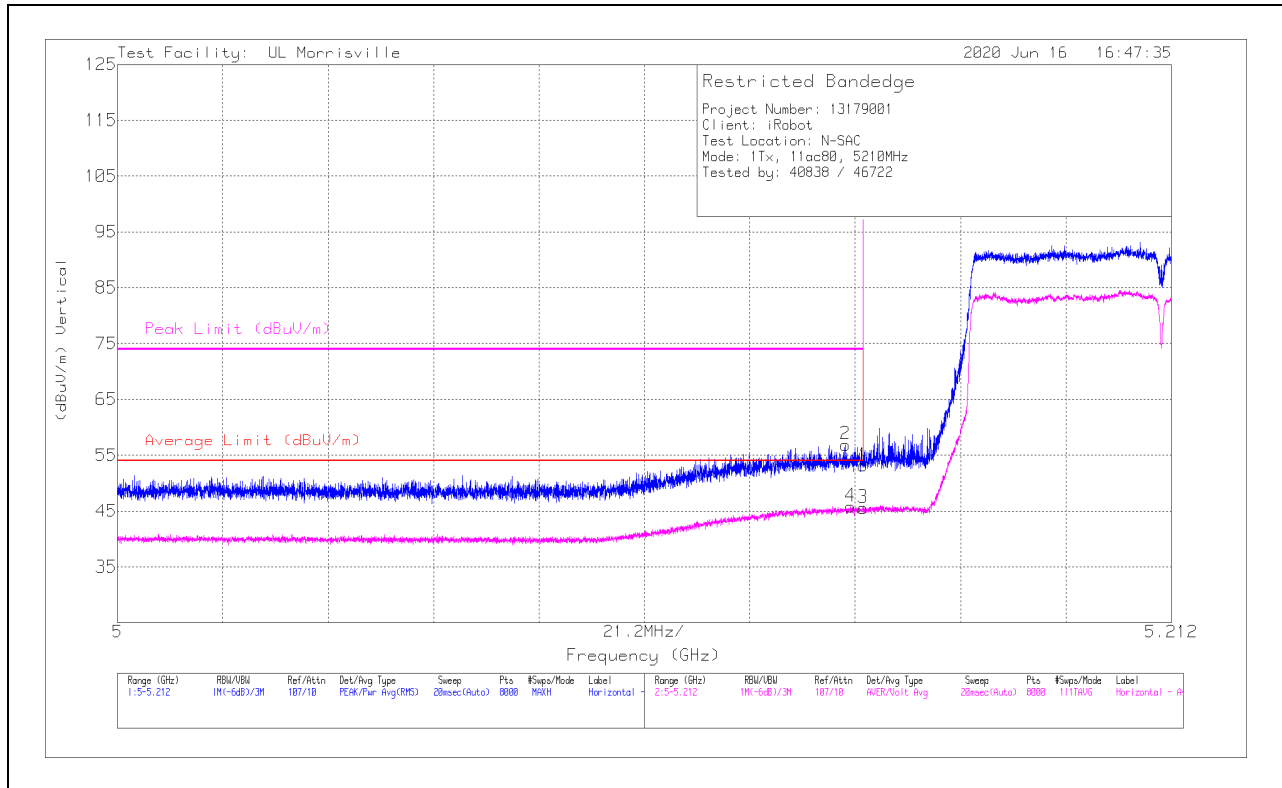
ADV - Linear Voltage Average

10.1.4. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX External Antenna MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	40.68	Pk	34.2	-21.7	0	53.18	-	-	74	-20.82	24	336	H
2	*** 5.14643	44.42	Pk	34.2	-21.7	0	56.92	-	-	74	-17.08	24	336	H
3	*** 5.14998	32.14	ADV	34.2	-21.7	.91	45.55	54	-8.45	-	-	24	335	H
4	*** 5.14741	32.38	ADV	34.2	-21.7	.91	45.79	54	-8.21	-	-	24	335	H

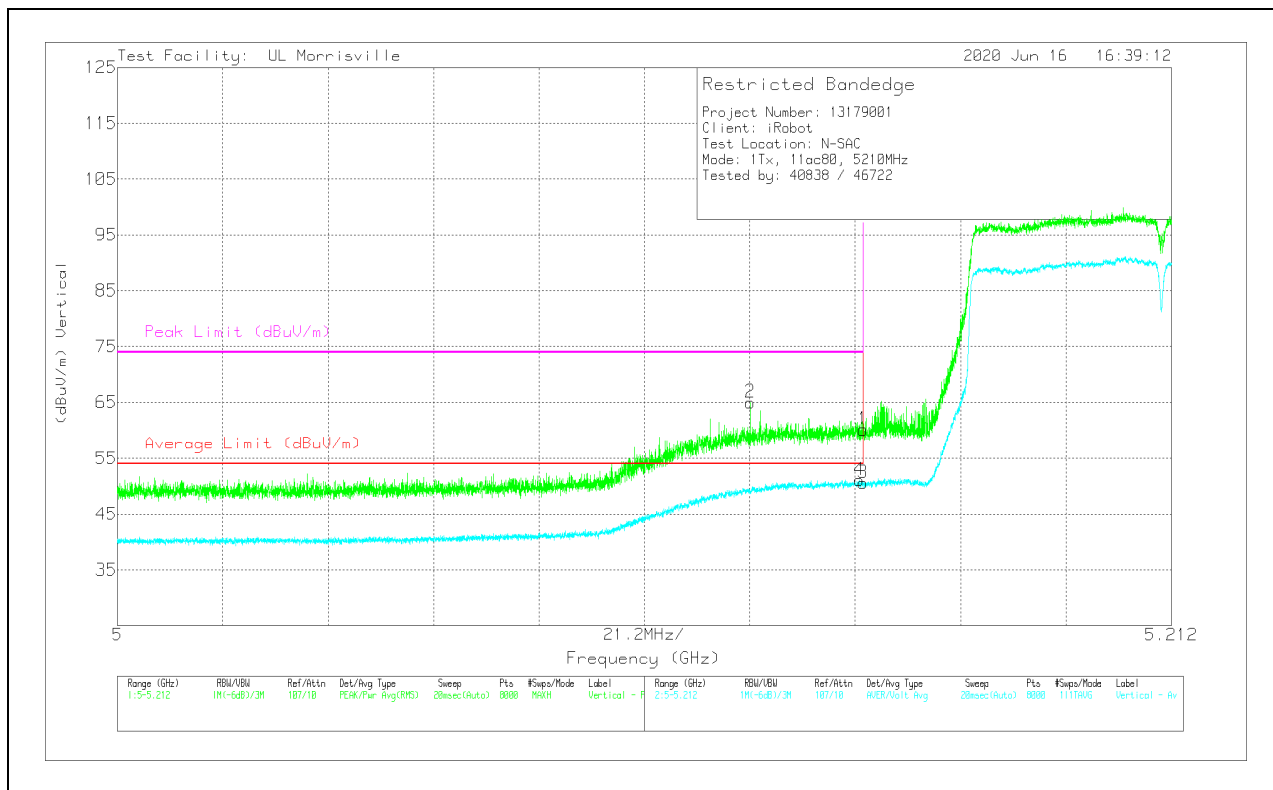
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

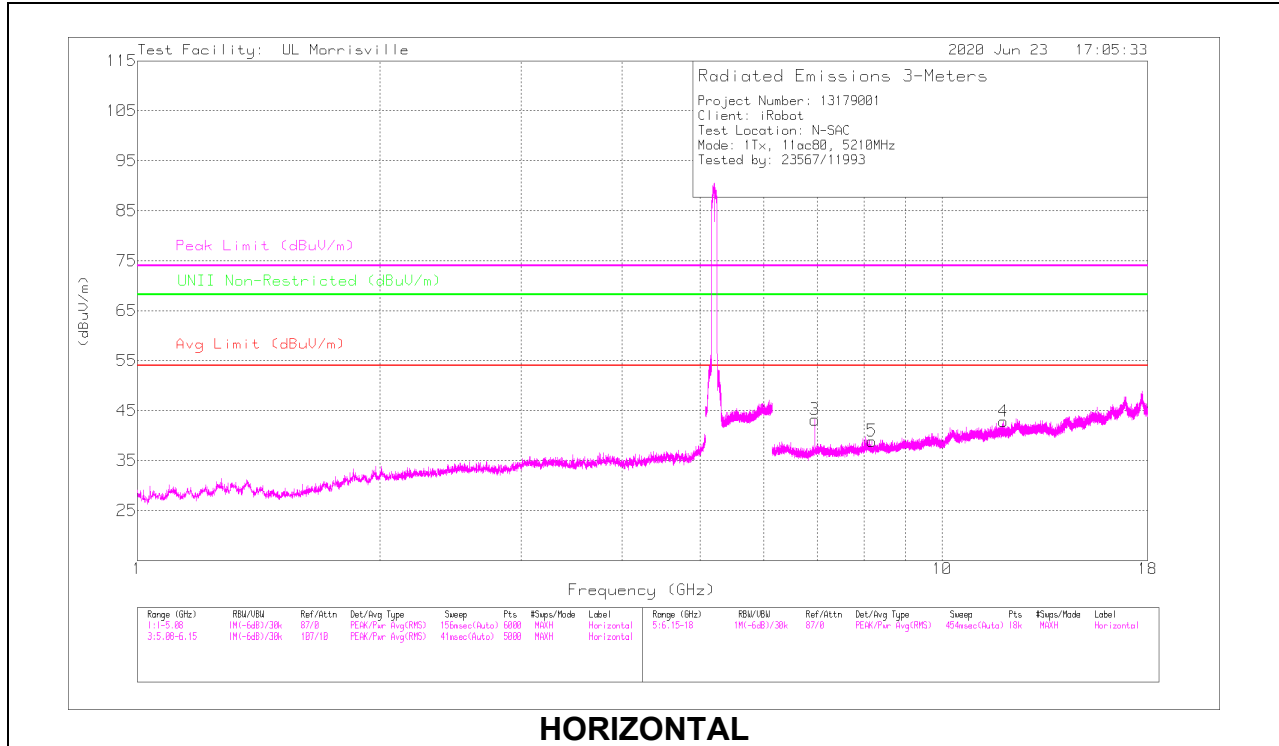


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	47.63	PK	34.2	-21.7	0	60.13	-	-	74	-13.87	39	103	V
2	*** 5.12729	52.4	PK	34.3	-21.7	0	65	-	-	74	-9	39	103	V
3	*** 5.14998	37.1	ADV	34.2	-21.7	.91	50.51	54	-3.49	-	-	39	103	V
4	*** 5.14924	37.66	ADV	34.2	-21.7	.91	51.07	54	-2.93	-	-	39	103	V

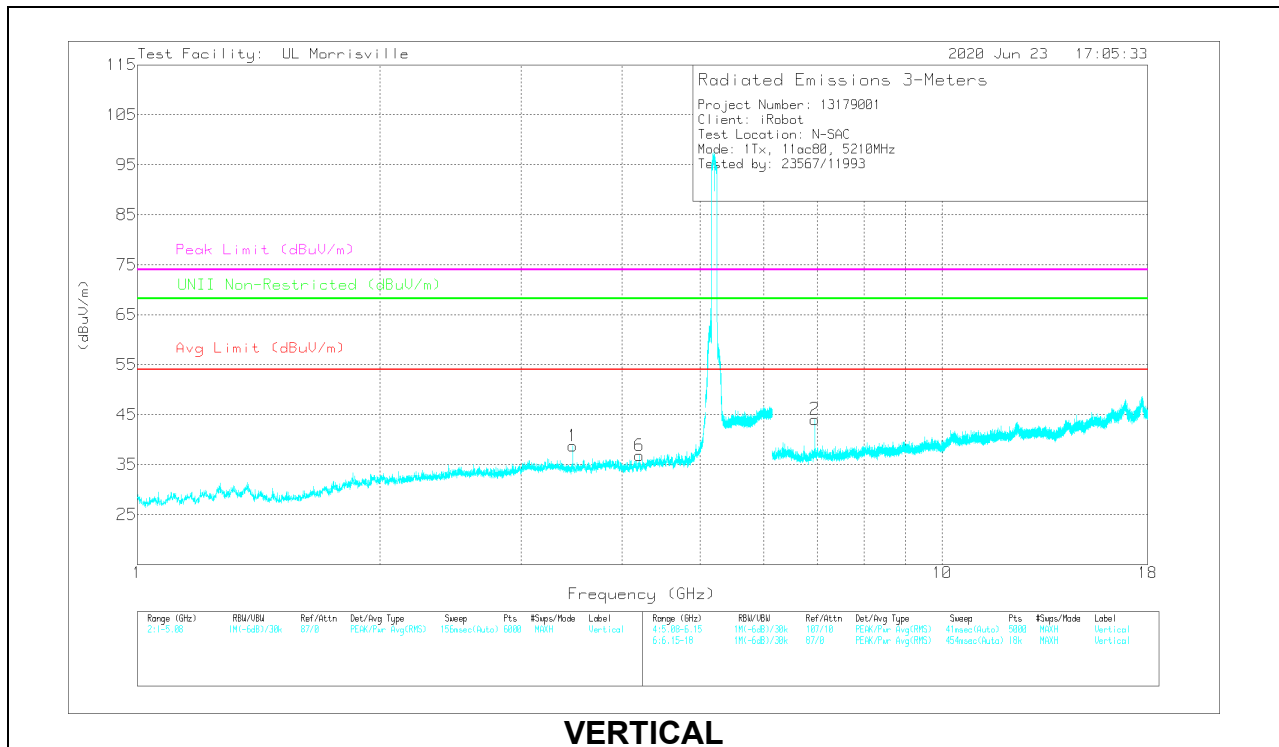
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

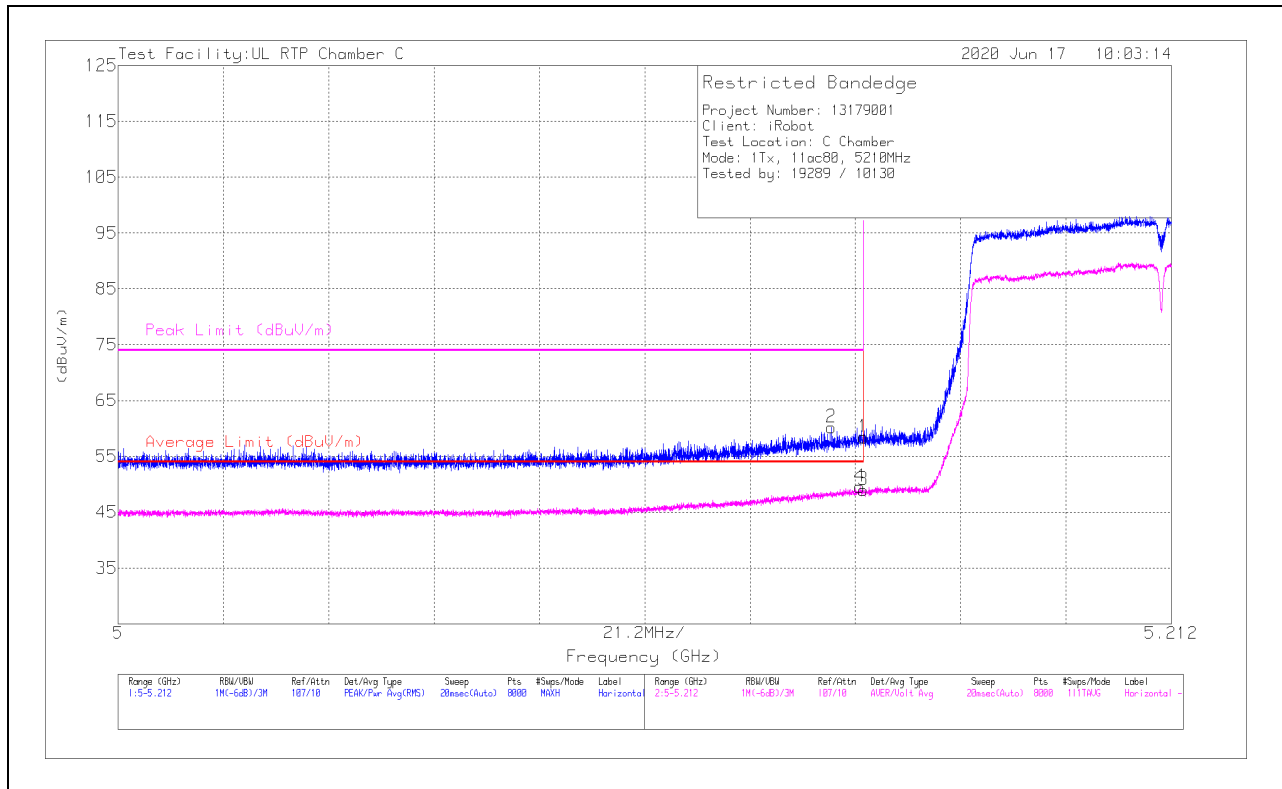
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	*** 4.20742	40.97	PK-U	33.5	-31.9	0	42.57	-	-	74	-31.43	-	-	348	127	V
	*** 4.20757	27.88	ADV	33.5	-31.9	.91	30.39	54	-23.61	-	-	-	-	348	127	V
4	*** 11.90945	35.58	PK-U	38.6	-25.5	0	48.68	-	-	74	-25.32	-	-	62	252	H
	*** 11.90757	22.28	ADV	38.6	-25.5	.91	36.29	54	-17.71	-	-	-	-	62	252	H
5	*** 8.17932	38.85	PK-U	35.9	-28.5	0	46.25	-	-	74	-27.75	-	-	329	270	H
	*** 8.17996	24.57	ADV	35.9	-28.5	.91	32.88	54	-21.12	-	-	-	-	329	270	H
1	3.47347	43.7	PK-U	32.9	-32.8	0	43.8	-	-	-	-	68.2	-24.4	0	105	V
3	6.94656	41.48	PK-U	35.7	-28.6	0	48.58	-	-	-	-	68.2	-19.62	17	106	H
2	6.94664	42.93	PK-U	35.7	-28.6	0	50.03	-	-	-	-	68.2	-18.17	321	110	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

1TX PCB Antenna MODE

BANEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	40.04	PK	34.2	-15.8	0	58.44	-	-	74	-15.56	335	110	H
2	*** 5.14351	41.79	Pk	34.2	-15.8	0	60.19	-	-	74	-13.81	335	110	H
3	*** 5.14998	29.68	ADV	34.2	-15.8	.91	48.99	54	-5.01	-	-	335	110	H
4	*** 5.14929	30.23	ADV	34.2	-15.8	.91	49.54	54	-4.46	-	-	335	110	H

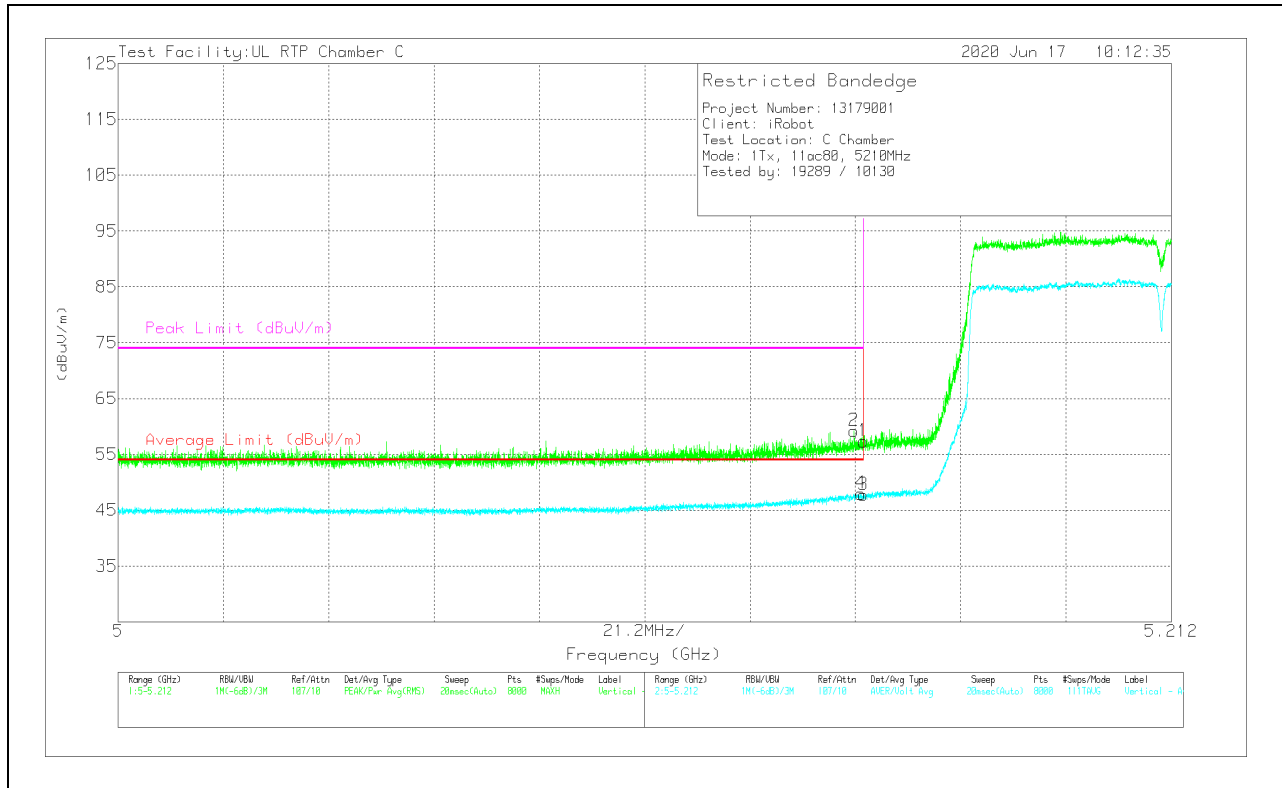
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14998	38.95	PK	34.2	-15.8	0	57.35	-	-	74	-16.65	152	327	V
2	*** 5.14807	40.79	Pk	34.2	-15.8	0	59.19	-	-	74	-14.81	152	327	V
3	** 5.14998	28.45	ADV	34.2	-15.8	.91	47.76	54	-6.24	-	-	152	327	V
4	** 5.1495	28.65	ADV	34.2	-15.8	.91	47.96	54	-6.04	-	-	152	327	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

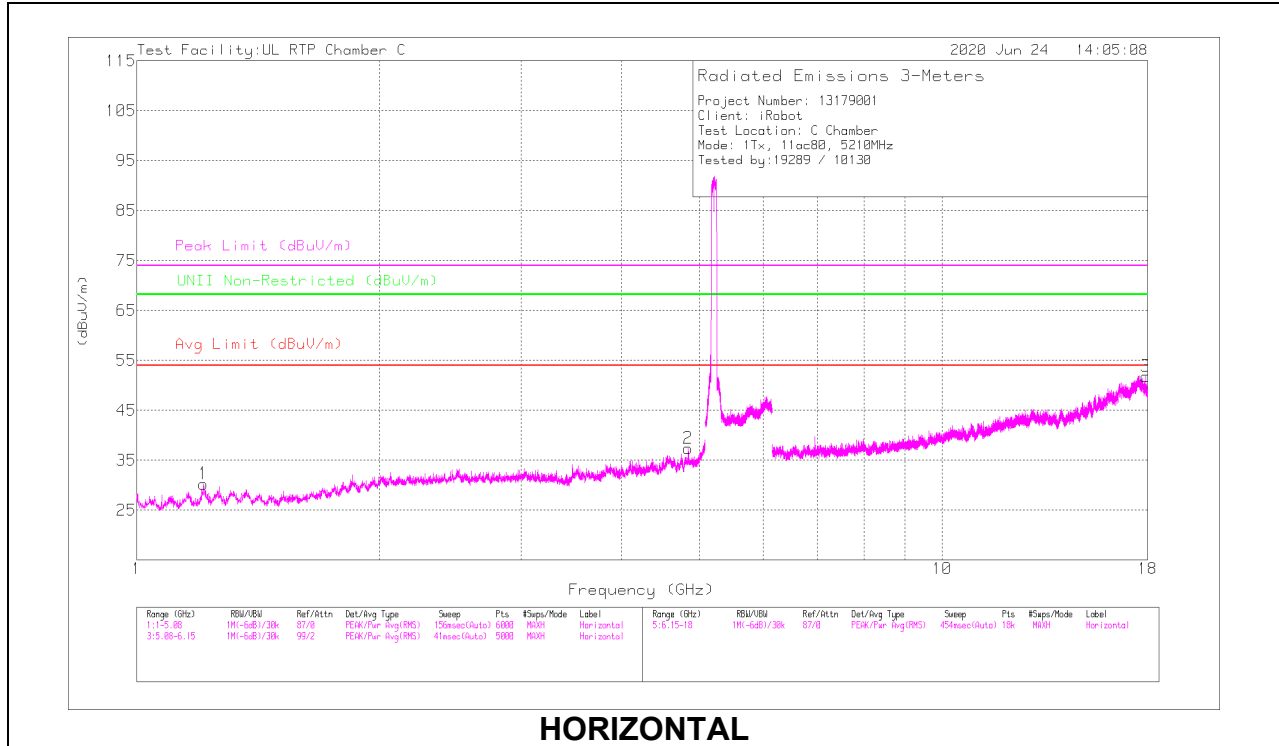
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

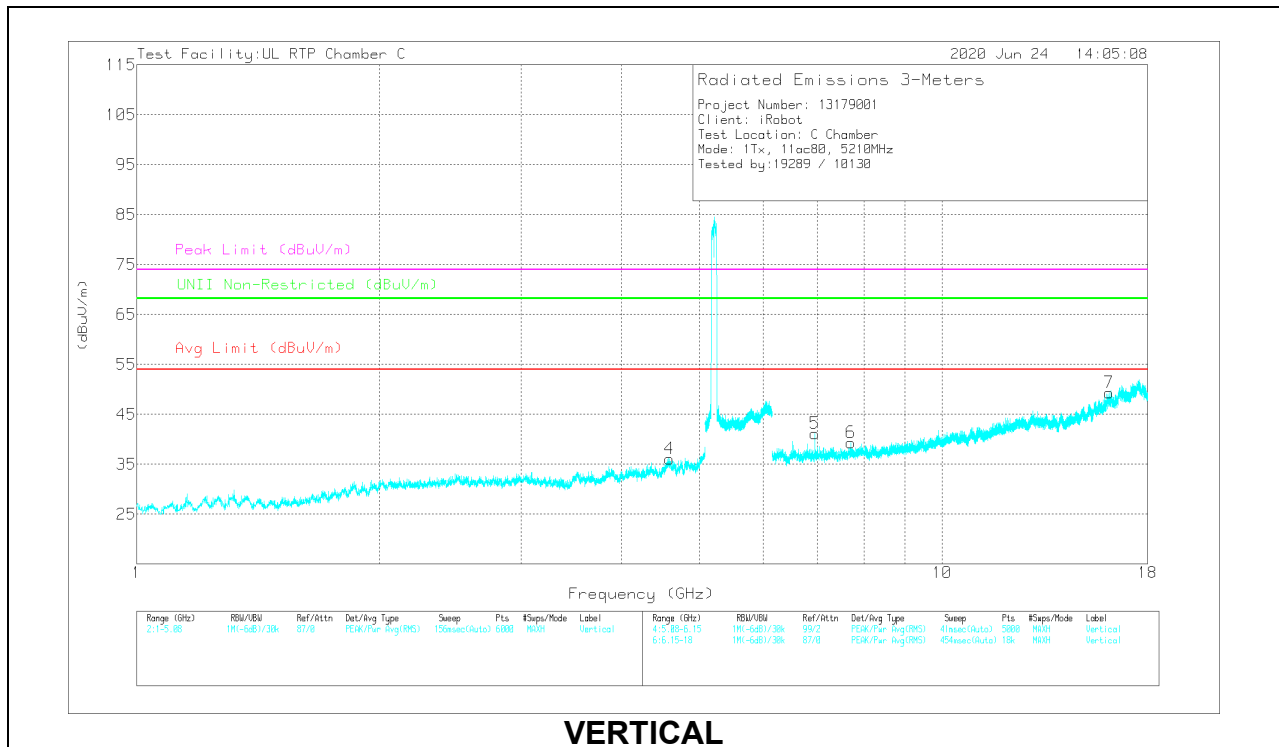
ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.20946	64.44	PK-U	28.2	-55.3	0	37.34	-	-	74	-36.66	-	-	175	102	H
	*** 1.2096	54.44	ADV	28.2	-55.3	.91	28.25	54	-25.75	-	-	-	-	175	102	H
2	*** 4.84114	56.67	PK-U	34	-49.1	0	41.57	-	-	74	-32.43	-	-	81	102	H
	*** 4.84078	43.69	ADV	34	-49.1	.91	29.5	54	-24.5	-	-	-	-	81	102	H
4	*** 4.58934	58.6	PK-U	34.1	-49.8	0	42.9	-	-	74	-31.1	-	-	234	252	V
	*** 4.58883	45.45	ADV	34.1	-49.8	.91	30.66	54	-23.34	-	-	-	-	234	252	V
3	*** 17.91673	50.1	PK-U	41.4	-34.5	0	57	-	-	74	-17	-	-	219	231	H
	*** 17.91712	36.9	ADV	41.4	-34.6	.91	44.61	54	-9.39	-	-	-	-	219	231	H
6	*** 7.70458	55.5	PK-U	35.9	-46.2	0	45.2	-	-	74	-28.8	-	-	342	246	V
	*** 7.70456	42.28	ADV	35.9	-46.2	.91	32.89	54	-21.11	-	-	-	-	342	246	V
7	*** 16.12183	51.4	PK-U	41.3	-37.3	0	55.4	-	-	74	-18.6	-	-	259	226	V
	*** 16.12173	38.39	ADV	41.3	-37.3	.91	43.3	54	-10.7	-	-	-	-	259	226	V
5	6.94677	59.69	PK-U	35.7	-47.5	0	47.89	-	-	-	-	68.2	-20.31	269	103	V

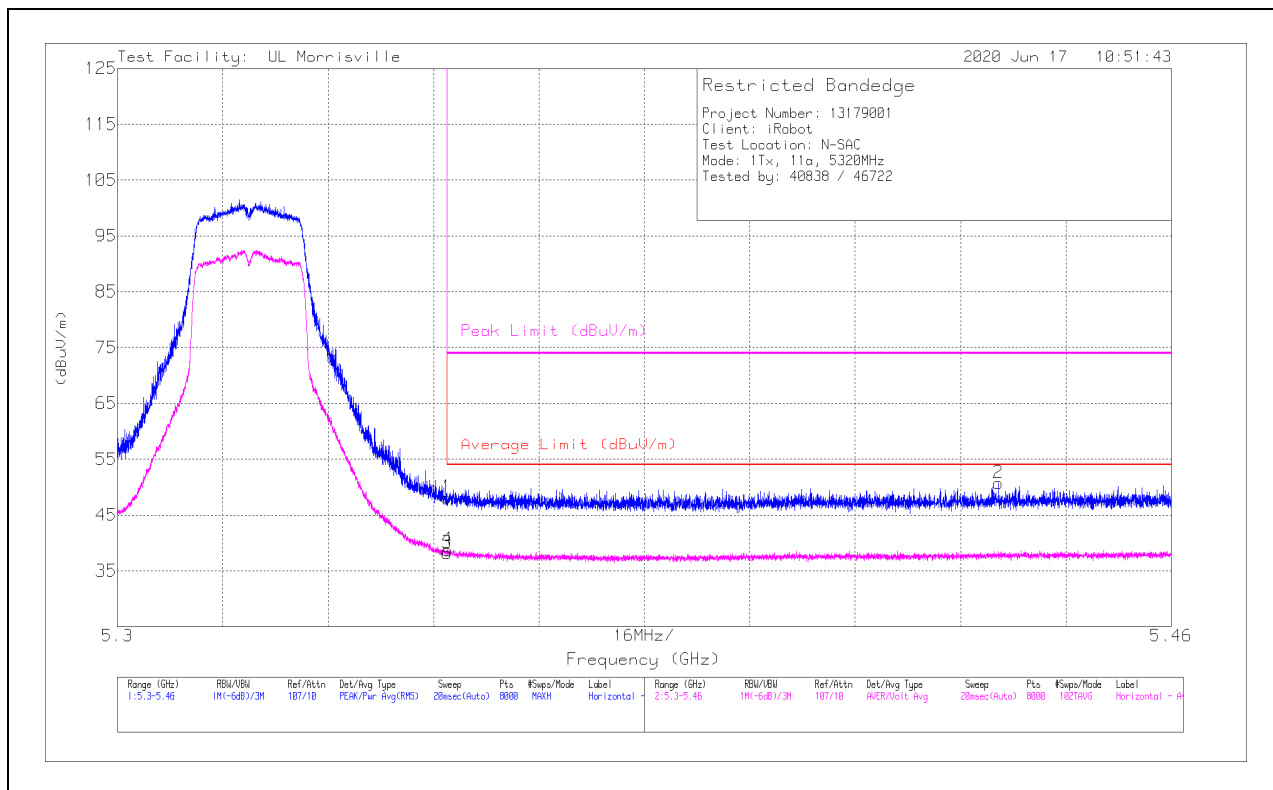
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

10.1.5. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND

1TX External Antenna MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	35.79	Pk	34.4	-22.1	0	48.09	-	-	74	-25.91	39	112	H
2	* ** 5.43374	38.34	Pk	34.4	-22	0	50.74	-	-	74	-23.26	39	112	H
3	* ** 5.35001	25.6	ADV	34.4	-22.1	.23	38.13	54	-15.87	-	-	39	112	H
4	* ** 5.35015	26.2	ADV	34.4	-22.1	.23	38.73	54	-15.27	-	-	39	112	H

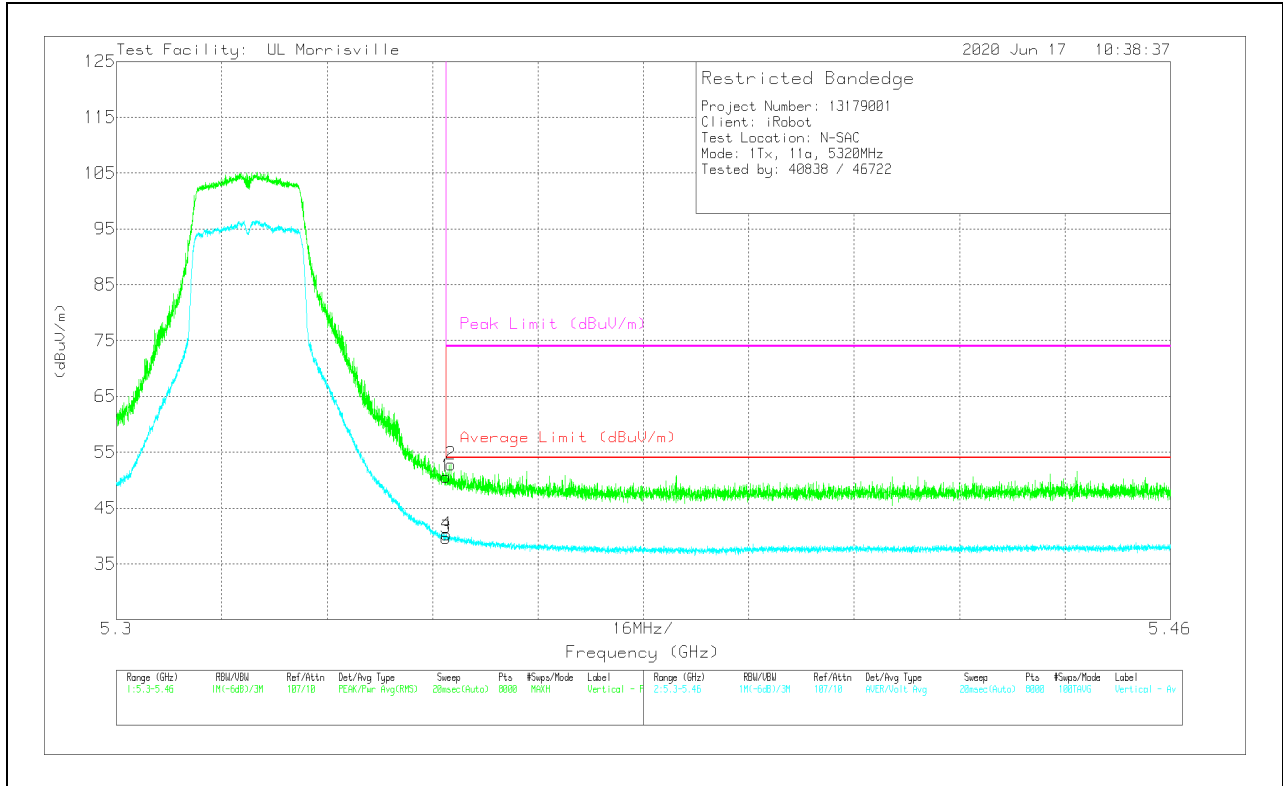
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

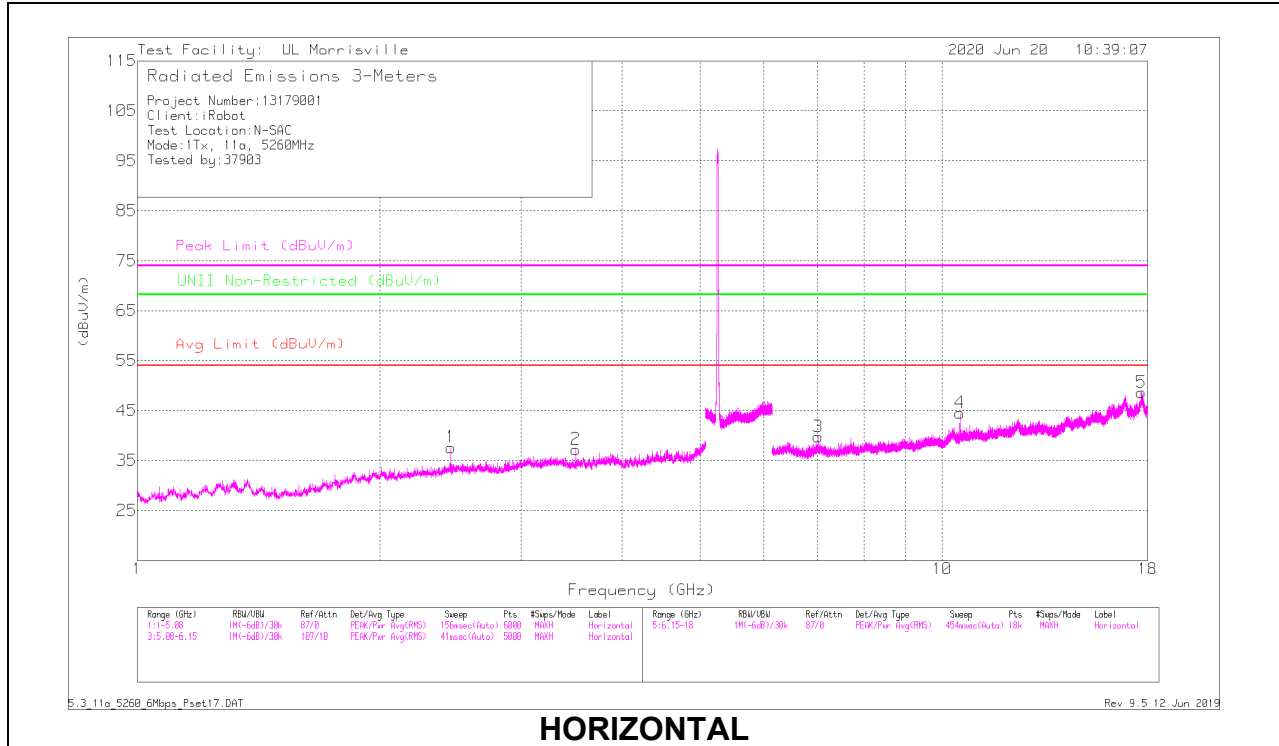


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	38.3	Pk	34.4	-22.1	0	50.6	-	-	74	-23.4	288	128	V
2	*** 5.35075	40.46	Pk	34.4	-22.1	0	52.76	-	-	74	-21.24	288	128	V
3	*** 5.35001	27.1	ADV	34.4	-22.1	.23	39.63	54	-14.37	-	-	288	128	V
4	*** 5.35011	27.73	ADV	34.4	-22.1	.23	40.26	54	-13.74	-	-	288	128	V

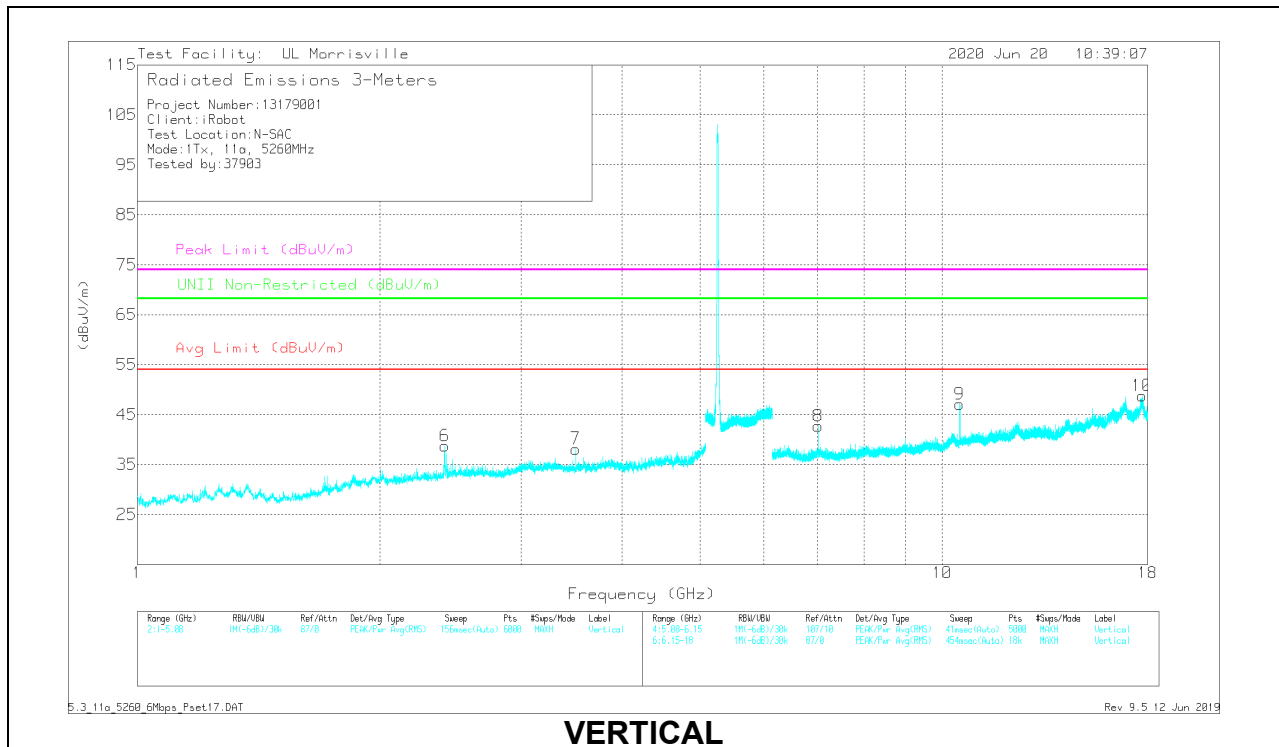
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



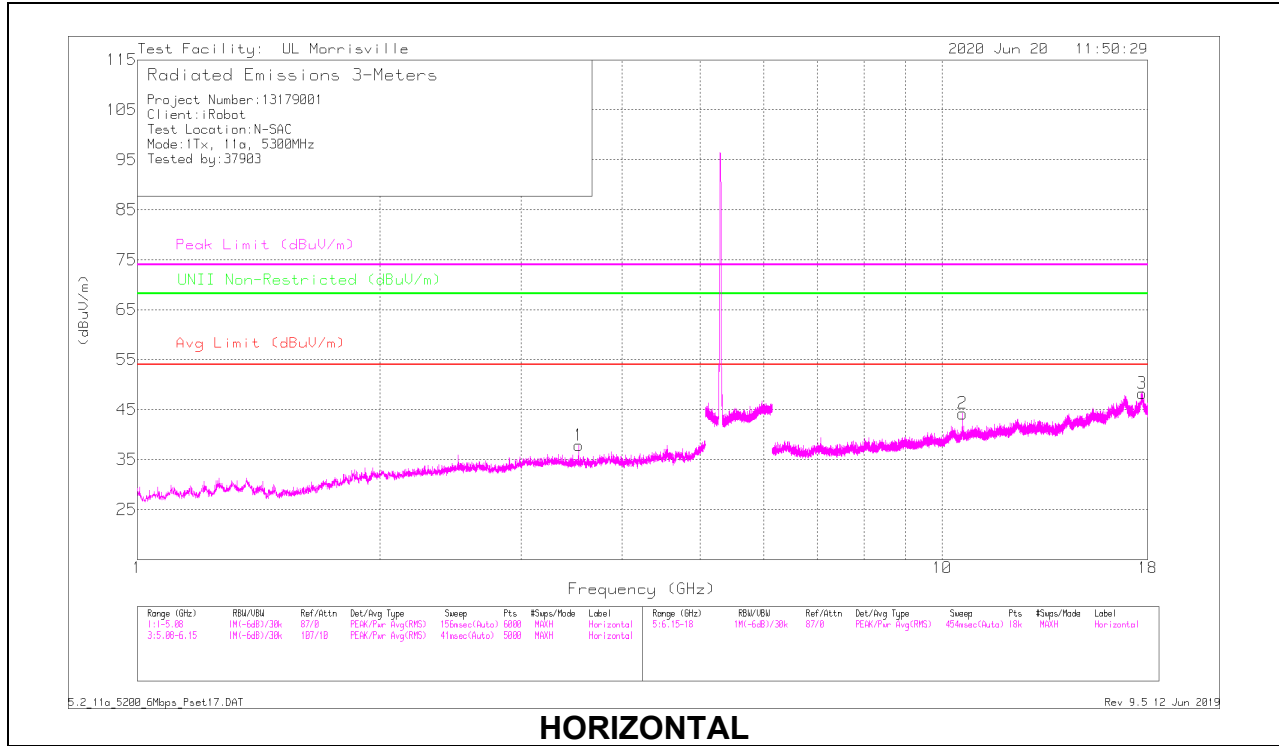
VERTICAL

RADIATED EMISSIONS

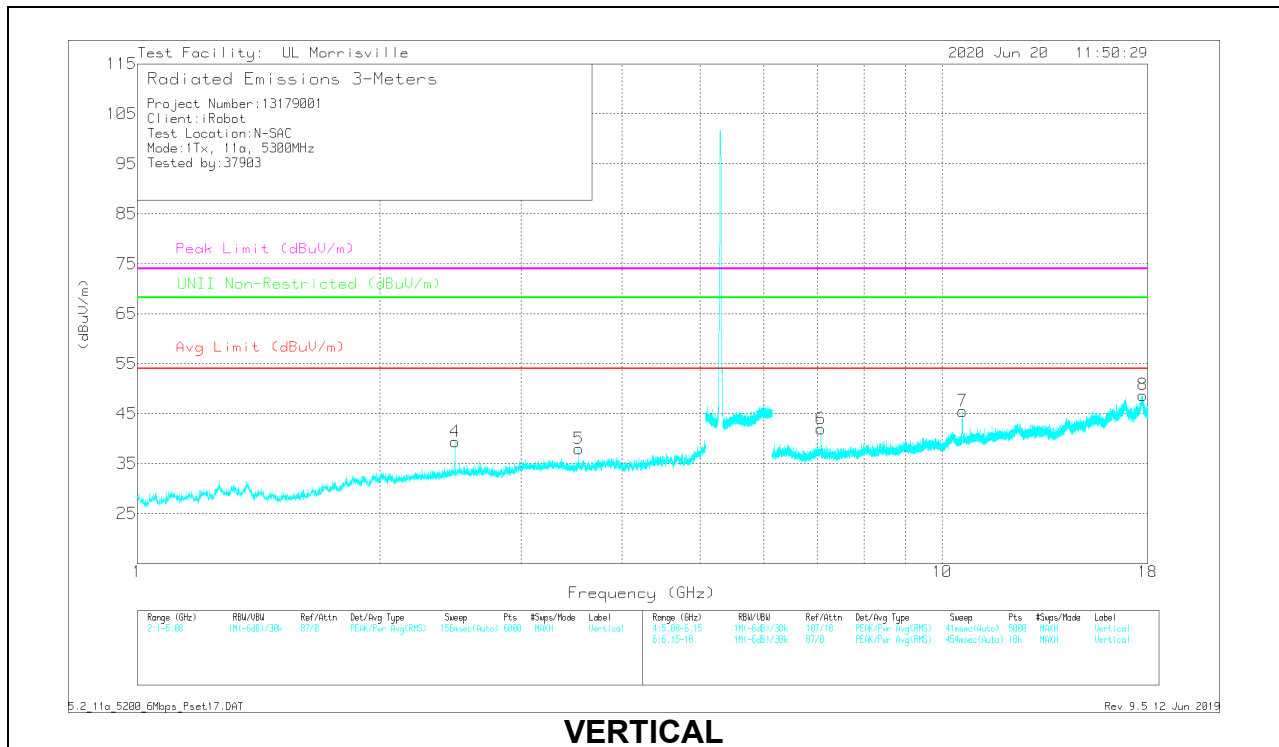
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 3.50658	43.58	PK-U	33	-32.7	0	43.88	-	-	74	-30.12	-	-	85	129	H
	* ** 3.50664	35.09	ADV	33	-32.7	.23	35.62	54	-18.38	-	-	-	-	85	129	H
7	* ** 3.50651	43.98	PK-U	33	-32.7	0	44.28	-	-	74	-29.72	-	-	45	207	V
	* ** 3.50665	34.85	ADV	33	-32.7	.23	35.38	54	-18.62	-	-	-	-	45	207	V
10	* ** 17.72687	33.4	PK-U	41.7	-19.7	0	55.4	-	-	74	-18.6	-	-	145	241	V
	* ** 17.72814	20.55	ADV	41.7	-19.7	.23	42.78	54	-11.22	-	-	-	-	145	241	V
6	2.40858	43.52	PK-U	31.9	-33.6	0	41.82	-	-	-	-	68.2	-26.38	121	299	V
1	2.4517	43.07	PK-U	32.1	-33.7	0	41.47	-	-	-	-	68.2	-26.73	264	209	H
3	7.01348	38.67	PK-U	35.7	-28.6	0	45.77	-	-	-	-	68.2	-22.43	354	315	H
8	7.01342	41.49	PK-U	35.7	-28.6	0	48.59	-	-	-	-	68.2	-19.61	2	106	V
9	10.51545	43.63	PK-U	37.6	-26.2	0	55.03	-	-	-	-	68.2	-13.17	282	116	V
4	10.52036	39.53	PK-U	37.6	-26	0	51.13	-	-	-	-	68.2	-17.07	338	107	H
5	17.68071	35.26	PK-U	41.7	-21.1	0	55.86	-	-	-	-	68.2	-12.34	0	199	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 3.53343	44.19	PK-U	33	-32.4	0	44.79	-	-	74	-29.21	-	-	87	165	H
	* ** 3.53336	36.27	ADV	33	-32.4	.23	37.10	54	-16.90	-	-	-	-	87	165	H
5	* ** 3.53319	43.83	PK-U	33	-32.4	0	44.43	-	-	74	-29.57	-	-	45	203	V
	* ** 3.53333	35.49	ADV	33	-32.4	.23	36.32	54	-17.68	-	-	-	-	45	203	V
2	* ** 10.60039	38.88	PK-U	37.7	-25	0	51.58	-	-	74	-22.42	-	-	345	130	H
	* ** 10.60031	24.6	ADV	37.7	-25	.23	37.53	54	-16.47	-	-	-	-	345	130	H
3	* ** 17.71926	33.39	PK-U	41.6	-20	0	54.99	-	-	74	-19.01	-	-	139	266	H
	* ** 17.7197	20.45	ADV	41.6	-20	.23	42.28	54	-11.72	-	-	-	-	139	266	H
7	* ** 10.6004	41.07	PK-U	37.7	-25	0	53.77	-	-	74	-20.23	-	-	184	244	V
	* ** 10.60029	26.6	ADV	37.7	-25	.23	39.53	54	-14.47	-	-	-	-	184	244	V
8	* ** 17.74854	32.93	PK-U	41.6	-20	0	54.53	-	-	74	-19.47	-	-	359	337	V
	* ** 17.74911	19.59	ADV	41.6	-20	.23	41.42	54	-12.58	-	-	-	-	359	337	V
4	2.48025	45.06	PK-U	32.4	-33.6	0	43.86	-	-	-	-	68.2	-24.34	64	118	V
6	7.06646	41.03	PK-U	35.7	-29.2	0	47.53	-	-	-	-	68.2	-20.67	2	105	V

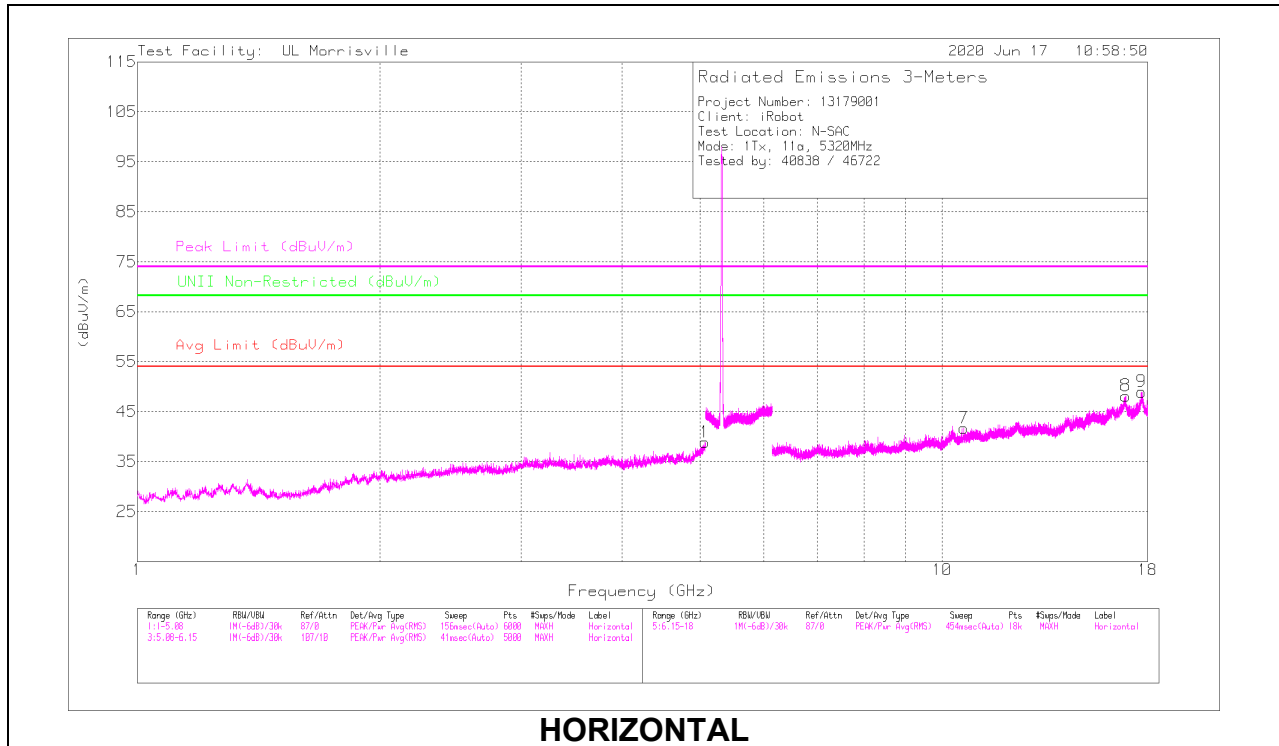
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

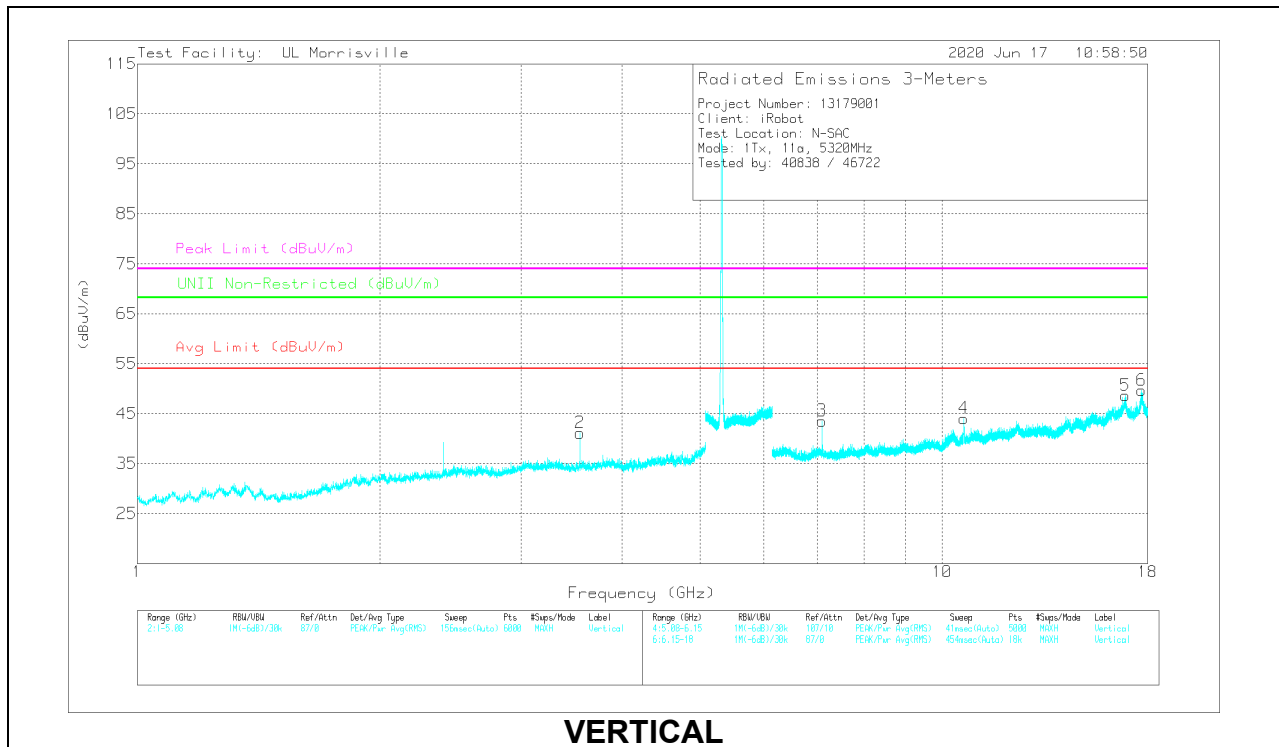
PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

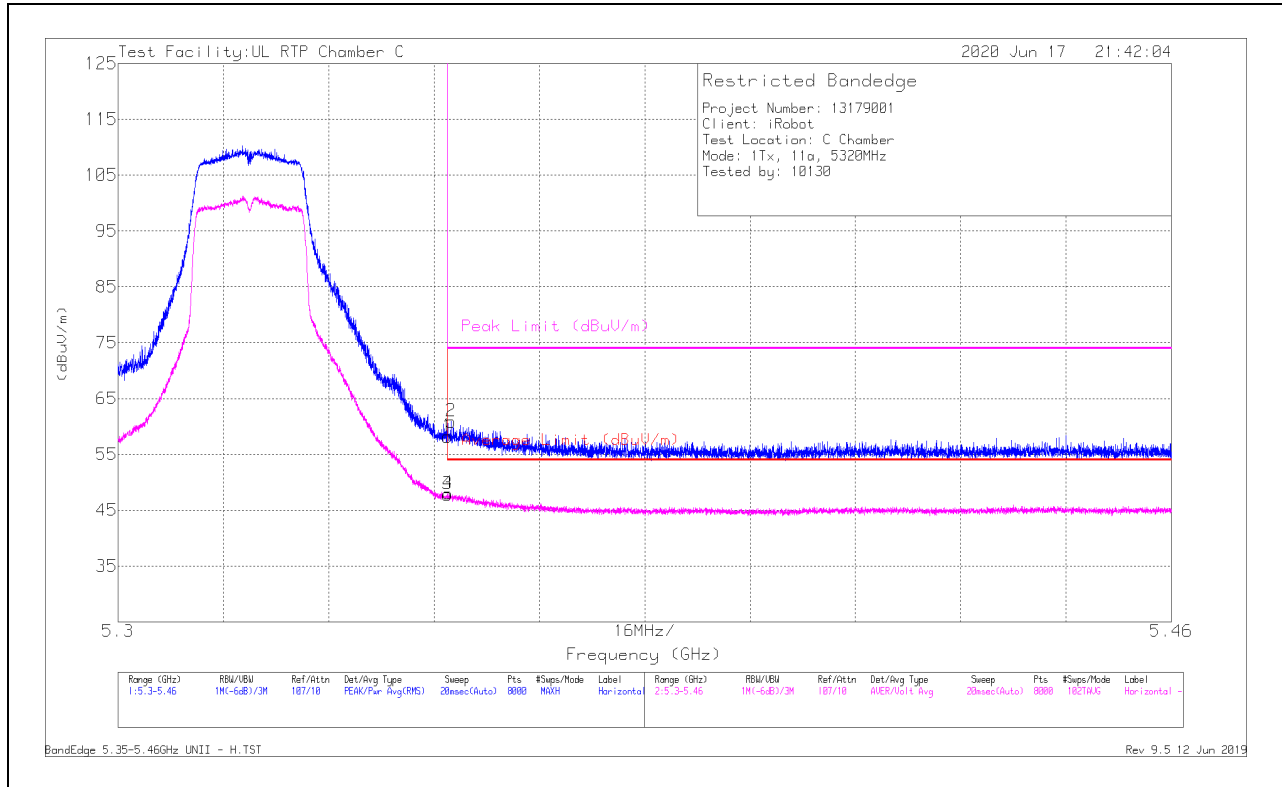
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.06929	40.1	PK-U	34.2	-29.8	0	44.5	-	-	74	-29.5	-	-	308	357	H
1	*** 5.06924	27.42	ADV	34.2	-29.8	.23	32.05	54	-21.95	-	-	-	-	308	357	H
2	*** 3.54666	44.62	PK-U	33	-32.2	0	45.42	-	-	74	-28.58	-	-	25	102	V
2	*** 3.54665	38.98	ADV	33	-32.2	.23	40.01	54	-13.99	-	-	-	-	25	102	V
7	*** 10.64218	36.66	PK-U	37.7	-25	0	49.36	-	-	74	-24.64	-	-	10	139	H
7	*** 10.64099	23.68	ADV	37.8	-24.9	.23	36.81	54	-17.19	-	-	-	-	10	139	H
4	*** 10.63992	37.19	PK-U	37.8	-24.9	0	50.09	-	-	74	-23.91	-	-	278	248	V
4	*** 10.6398	24.5	ADV	37.8	-24.9	.23	37.63	54	-16.37	-	-	-	-	278	248	V
3	7.09318	42.33	PK-U	35.7	-29.5	0	48.53	-	-	-	-	68.2	-19.67	1	117	V
5	16.90156	36.07	PK-U	41.5	-22.4	0	55.17	-	-	-	-	68.2	-13.03	117	117	V
8	16.90627	35.26	PK-U	41.6	-22.4	0	54.46	-	-	-	-	68.2	-13.74	236	250	H
6	17.68046	34.55	PK-U	41.7	-21.1	0	55.15	-	-	-	-	68.2	-13.05	260	233	V
9	17.6944	33.78	PK-U	41.7	-20.7	0	54.78	-	-	-	-	68.2	-13.42	308	134	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

1TX PCB Antenna MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	38.99	PK	34.6	-15.4	0	58.19	-	-	74	-15.81	77	126	H
2	*** 5.35061	41.68	PK	34.6	-15.4	0	60.88	-	-	74	-13.12	77	126	H
3	** 5.35001	28.4	ADV	34.6	-15.4	.23	47.83	54	-6.17	-	-	77	126	H
4	** 5.35011	28.56	ADV	34.6	-15.4	.23	47.99	54	-6.01	-	-	77	126	H

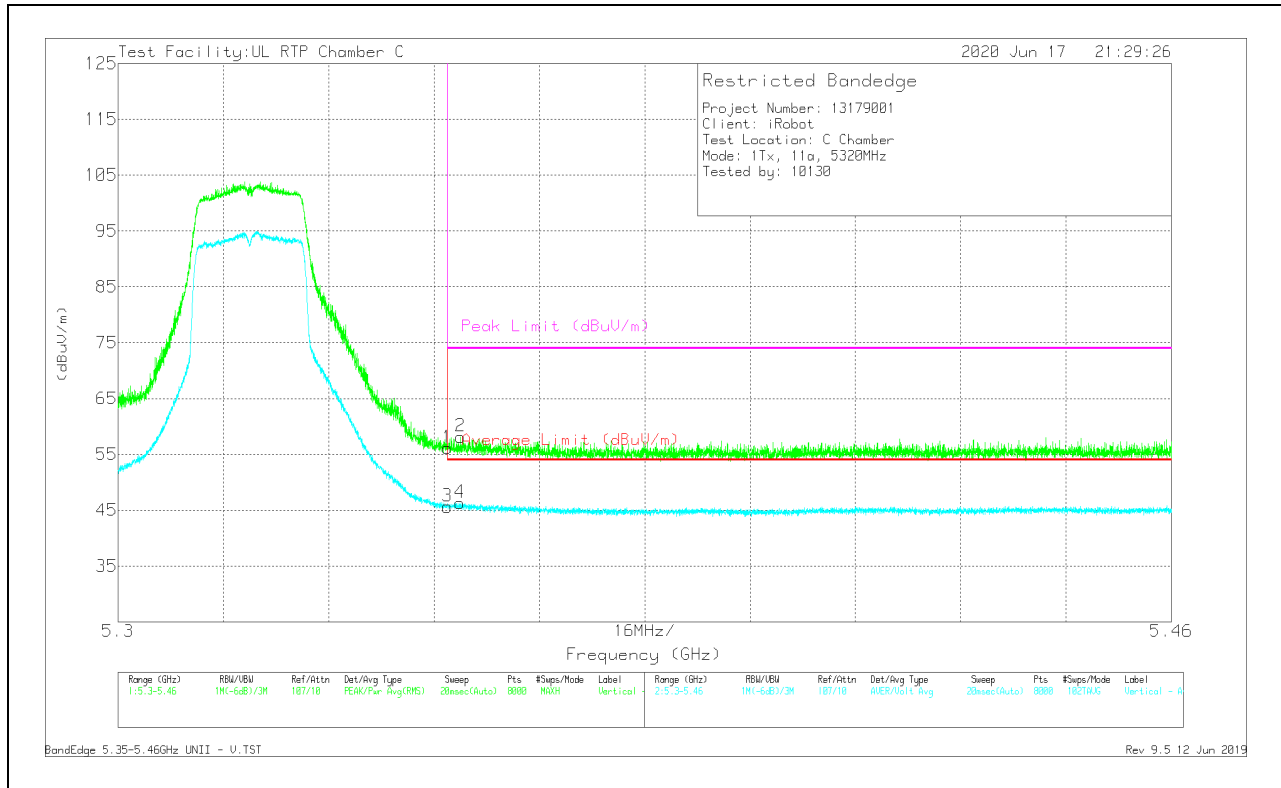
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

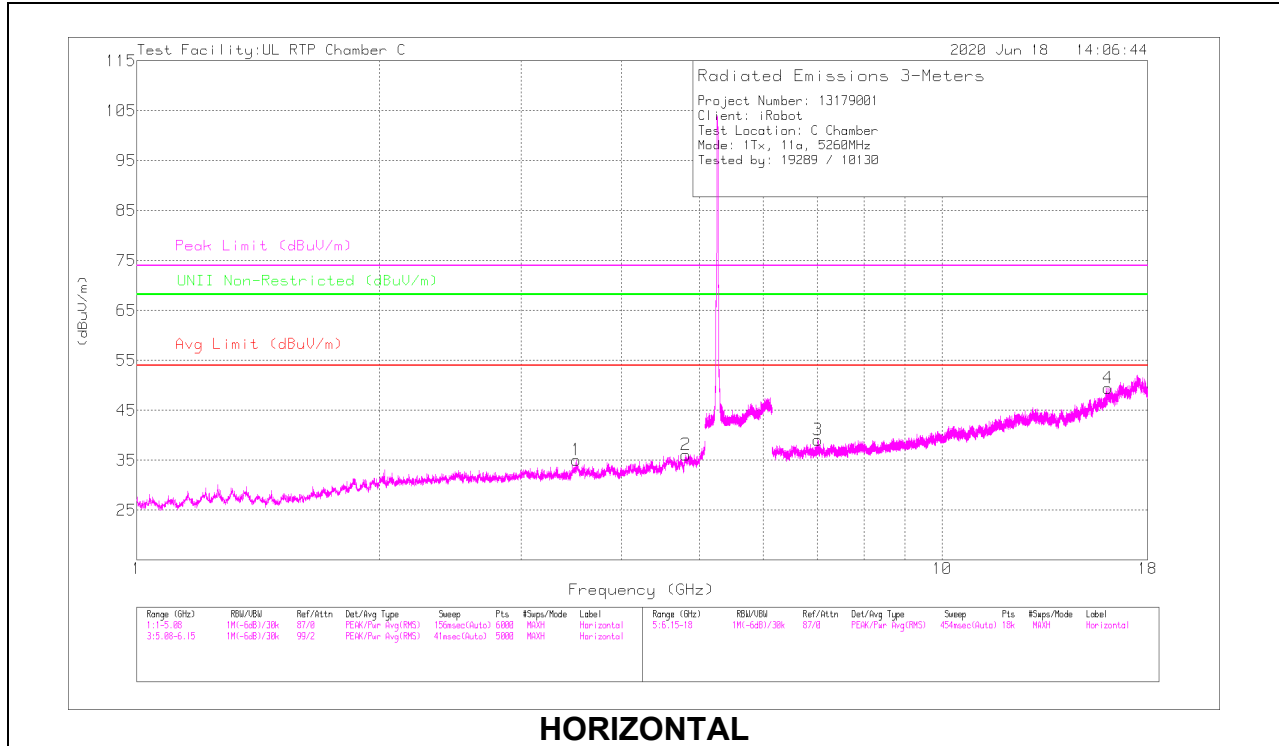


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	36.94	PK	34.6	-15.4	0	56.14	-	-	74	-17.86	243	237	V
2	*** 5.35199	38.97	Pk	34.6	-15.4	0	58.17	-	-	74	-15.83	243	237	V
3	*** 5.35001	26.22	ADV	34.6	-15.4	.23	45.65	54	-8.35	-	-	243	237	V
4	*** 5.35195	26.89	ADV	34.6	-15.4	.23	46.32	54	-7.68	-	-	243	237	V

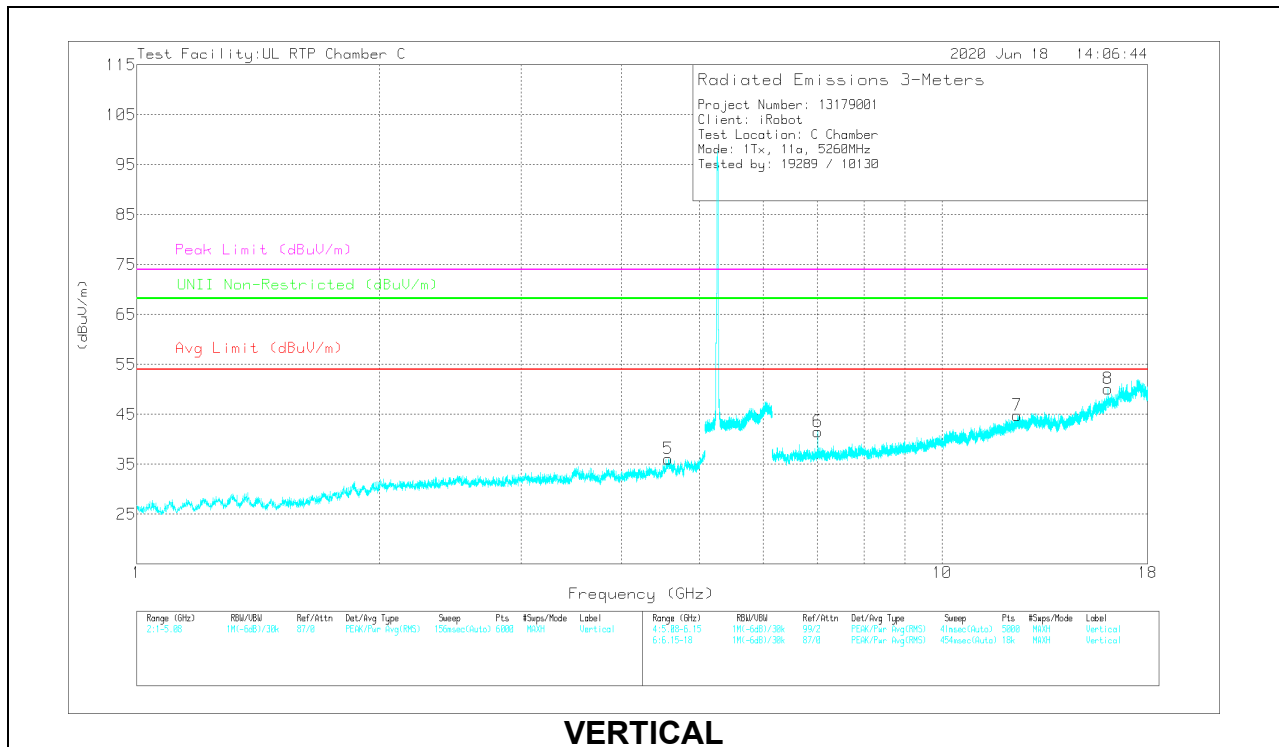
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



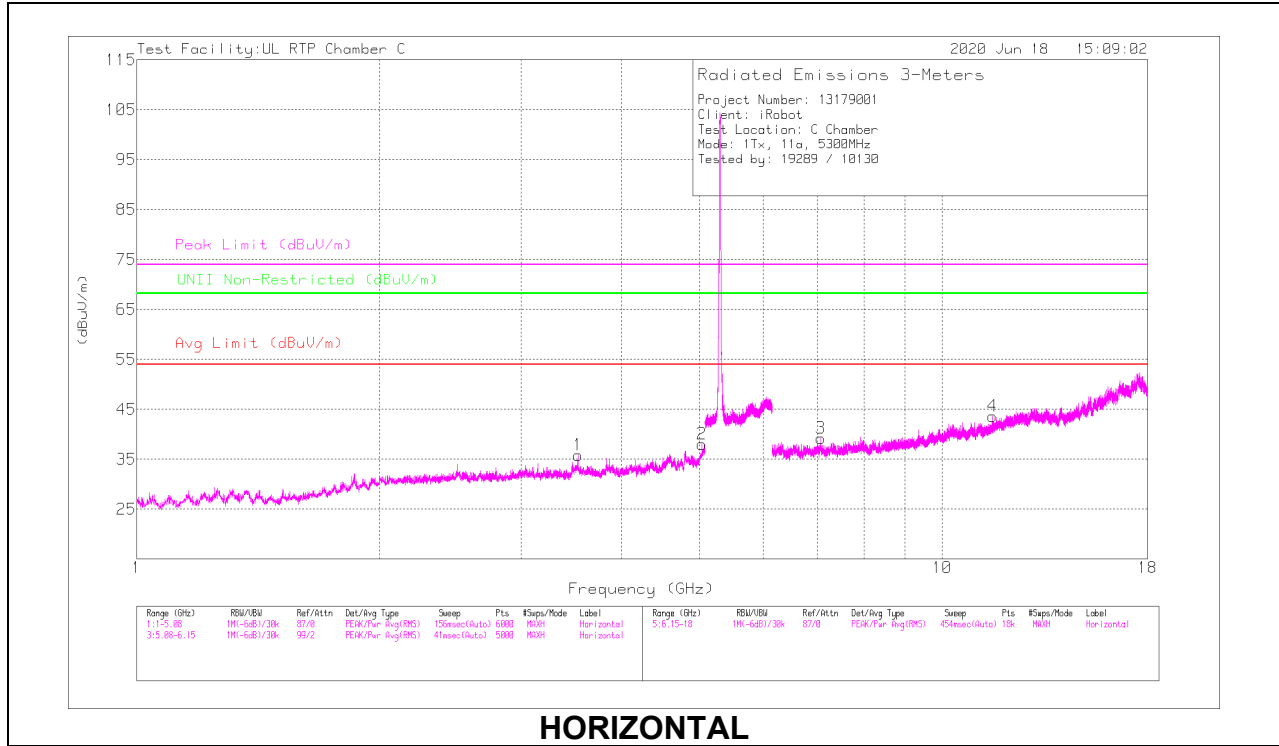
VERTICAL

RADIATED EMISSIONS

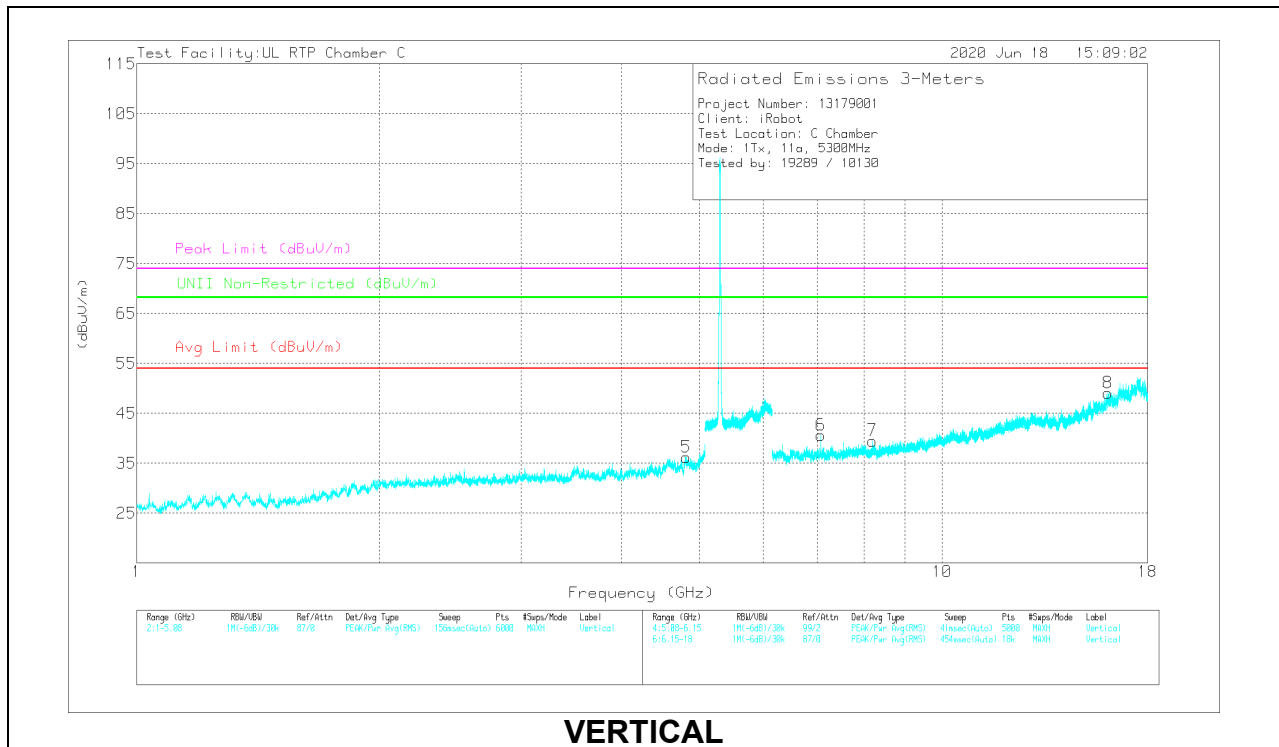
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 3.51655	56.01	PK-U	33.7	-49.5	0	40.21	-	-	74	-33.79	-	-	269	149	H
	*** 3.51685	43.28	ADV	33.7	-49.5	.23	27.71	54	-26.29	-	-	-	-	269	149	H
2	*** 4.8078	56.94	PK-U	34.1	-48.8	0	42.24	-	-	74	-31.76	-	-	161	169	H
	*** 4.80813	44.4	ADV	34.1	-48.8	.23	29.93	54	-24.07	-	-	-	-	161	169	H
5	*** 4.57344	58.44	PK-U	34.1	-49.5	0	43.04	-	-	74	-30.96	-	-	253	182	V
	*** 4.57499	44.83	ADV	34.1	-49.5	.23	29.66	54	-24.34	-	-	-	-	253	182	V
4	*** 16.07575	50.53	PK-U	41.3	-36.4	0	55.43	-	-	74	-18.57	-	-	207	144	H
	*** 16.0755	37.95	ADV	41.3	-36.4	.23	43.08	54	-10.92	-	-	-	-	207	144	H
7	*** 12.39388	50.5	PK-U	39	-40	0	49.5	-	-	74	-24.5	-	-	175	167	V
	*** 12.39099	38.38	ADV	39	-40	.23	37.61	54	-16.39	-	-	-	-	175	167	V
8	*** 16.07462	50.82	PK-U	41.3	-36.4	0	55.72	-	-	74	-18.28	-	-	300	272	V
	*** 16.07227	38.31	ADV	41.3	-36.4	.23	43.44	54	-10.56	-	-	-	-	300	272	V
6	7.01336	58.95	PK-U	35.7	-47.8	0	46.85	-	-	-	-	68.2	-21.35	112	295	V
3	7.01358	57.73	PK-U	35.7	-47.8	0	45.63	-	-	-	-	68.2	-22.57	48	264	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



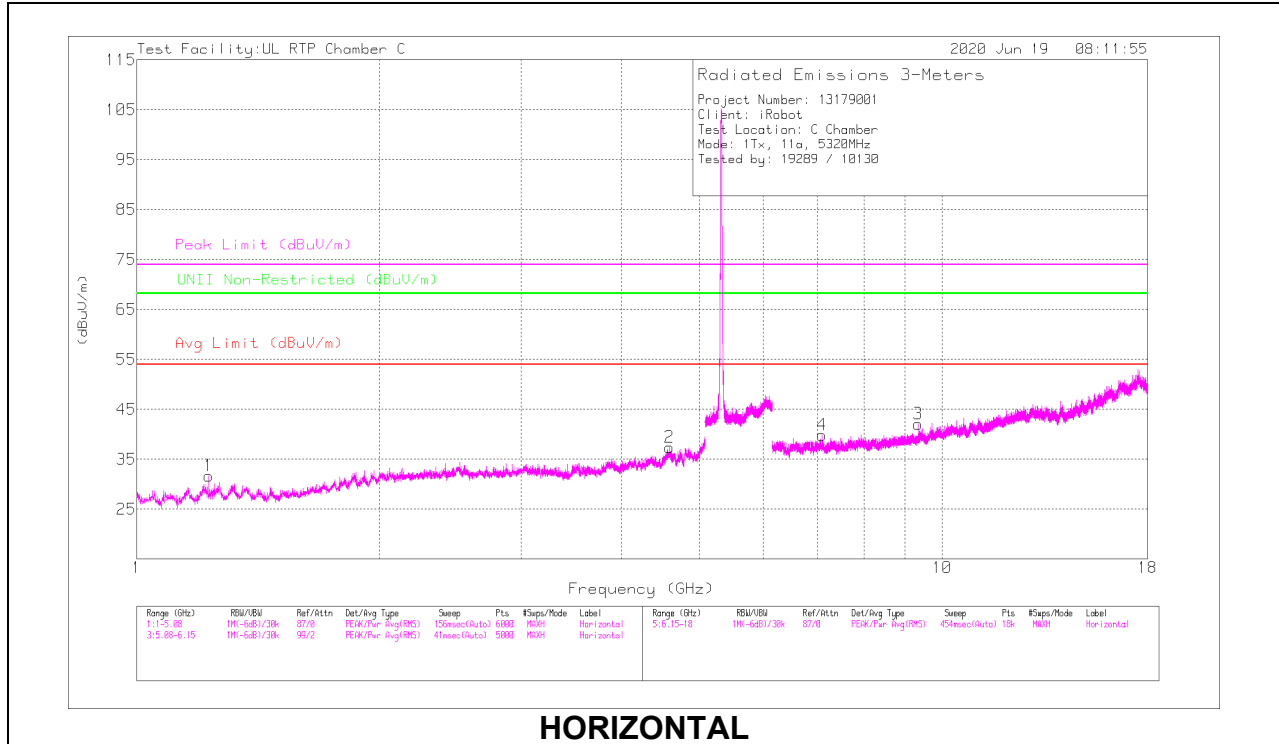
VERTICAL

RADIATED EMISSIONS

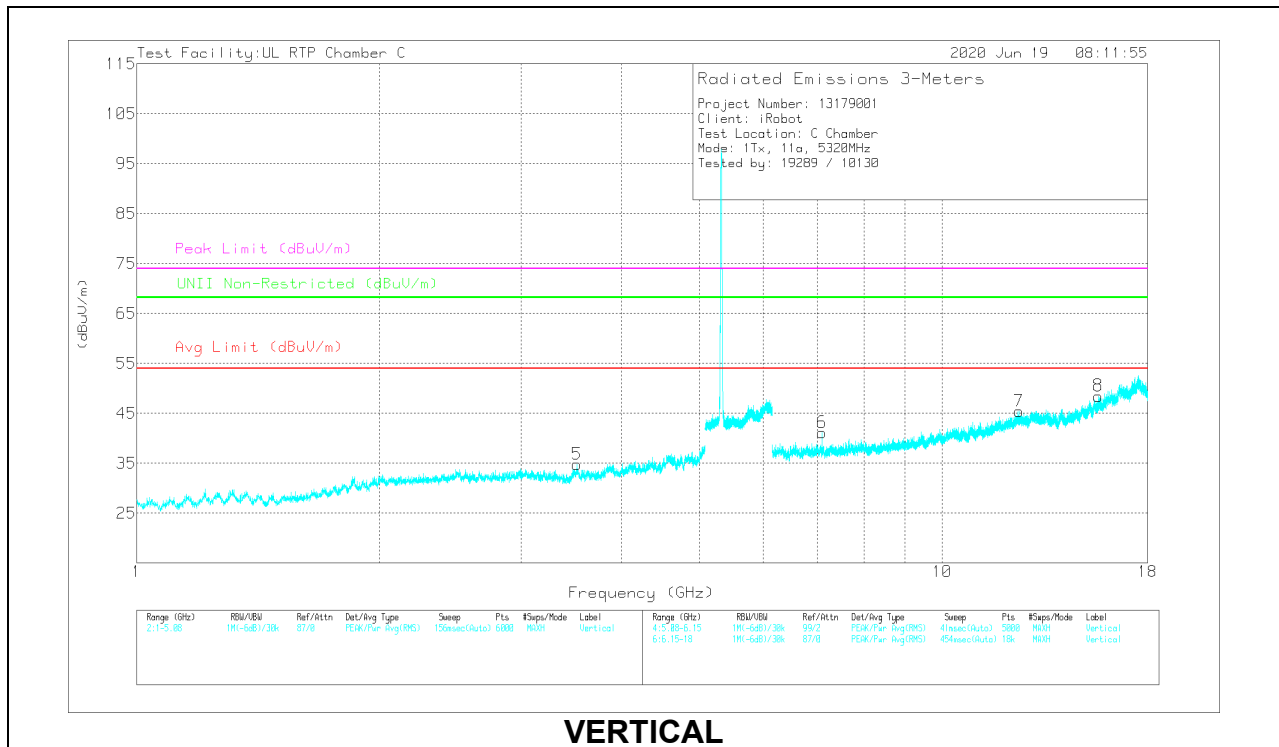
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 3.53326	57.93	PK-U	33.5	-49.6	0	41.83	-	-	74	-32.17	-	-	15	103	H
	*** 3.53324	46.63	ADV	33.5	-49.6	.23	30.76	54	-23.24	-	-	-	-	15	103	H
2	*** 5.02783	56.36	PK-U	34.1	-48	0	42.46	-	-	74	-31.54	-	-	97	102	H
	*** 5.02767	44.16	ADV	34.1	-48	.23	30.49	54	-23.51	-	-	-	-	97	102	H
5	*** 4.81572	54.93	PK-U	34.1	-49.1	0	39.93	-	-	74	-34.07	-	-	126	102	V
	*** 4.81548	43.22	ADV	34.1	-49.1	.23	28.45	54	-25.55	-	-	-	-	126	102	V
4	*** 11.55731	51.95	PK-U	38.3	-42	0	48.25	-	-	74	-25.75	-	-	70	290	H
	*** 11.55844	39.24	ADV	38.3	-42	.23	35.77	54	-18.23	-	-	-	-	70	290	H
7	*** 8.19934	54.96	PK-U	35.9	-45.1	0	45.76	-	-	74	-28.24	-	-	238	398	V
	*** 8.20026	41.82	ADV	35.9	-45.2	.23	32.75	54	-21.25	-	-	-	-	238	398	V
8	*** 16.0836	50.18	PK-U	41.3	-36.8	0	54.68	-	-	74	-19.32	-	-	185	113	V
	*** 16.08139	38.01	ADV	41.3	-36.8	.23	42.74	54	-11.26	-	-	-	-	185	113	V
3	7.06657	57.02	PK-U	35.7	-46.5	0	46.22	-	-	-	-	68.2	-21.98	174	103	H
6	7.06692	58.61	PK-U	35.7	-46.6	0	47.71	-	-	-	-	68.2	-20.49	301	102	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.22865	63.52	PK-U	28.4	-55.5	0	36.42	-	-	74	-37.58	-	-	191	184	H
	*** 1.2288	53.13	ADV	28.4	-55.5	.23	26.26	54	-27.74	-	-	-	-	191	184	H
2	*** 4.58766	58.09	PK-U	34.1	-49.8	0	42.39	-	-	74	-31.61	-	-	196	102	H
	*** 4.58981	45.6	ADV	34.1	-49.8	.23	30.13	54	-23.87	-	-	-	-	196	102	H
5	*** 3.5219	56.29	PK-U	33.6	-49.5	0	40.39	-	-	74	-33.61	-	-	2	103	V
	*** 3.52327	43.26	ADV	33.6	-49.6	.23	27.49	54	-26.51	-	-	-	-	2	103	V
3	*** 9.34143	53.64	PK-U	36.3	-44.4	0	45.54	-	-	74	-28.46	-	-	112	126	H
	*** 9.34177	41.09	ADV	36.3	-44.4	.23	33.22	54	-20.78	-	-	-	-	112	126	H
7	*** 12.47181	53.16	PK-U	39	-41	0	51.16	-	-	74	-22.84	-	-	112	234	V
	*** 12.47102	40.06	ADV	39	-41	.23	38.29	54	-15.71	-	-	-	-	112	234	V
8	*** 15.63432	50.89	PK-U	40.6	-37.6	0	53.89	-	-	74	-20.11	-	-	324	110	V
	*** 15.63101	38.11	ADV	40.6	-37.6	.23	41.34	54	-12.66	-	-	-	-	324	110	V
6	7.09297	58.14	PK-U	35.7	-46.7	0	47.14	-	-	-	-	68.2	-21.06	114	396	V
4	7.09349	57.35	PK-U	35.7	-46.7	0	46.35	-	-	-	-	68.2	-21.85	45	397	H

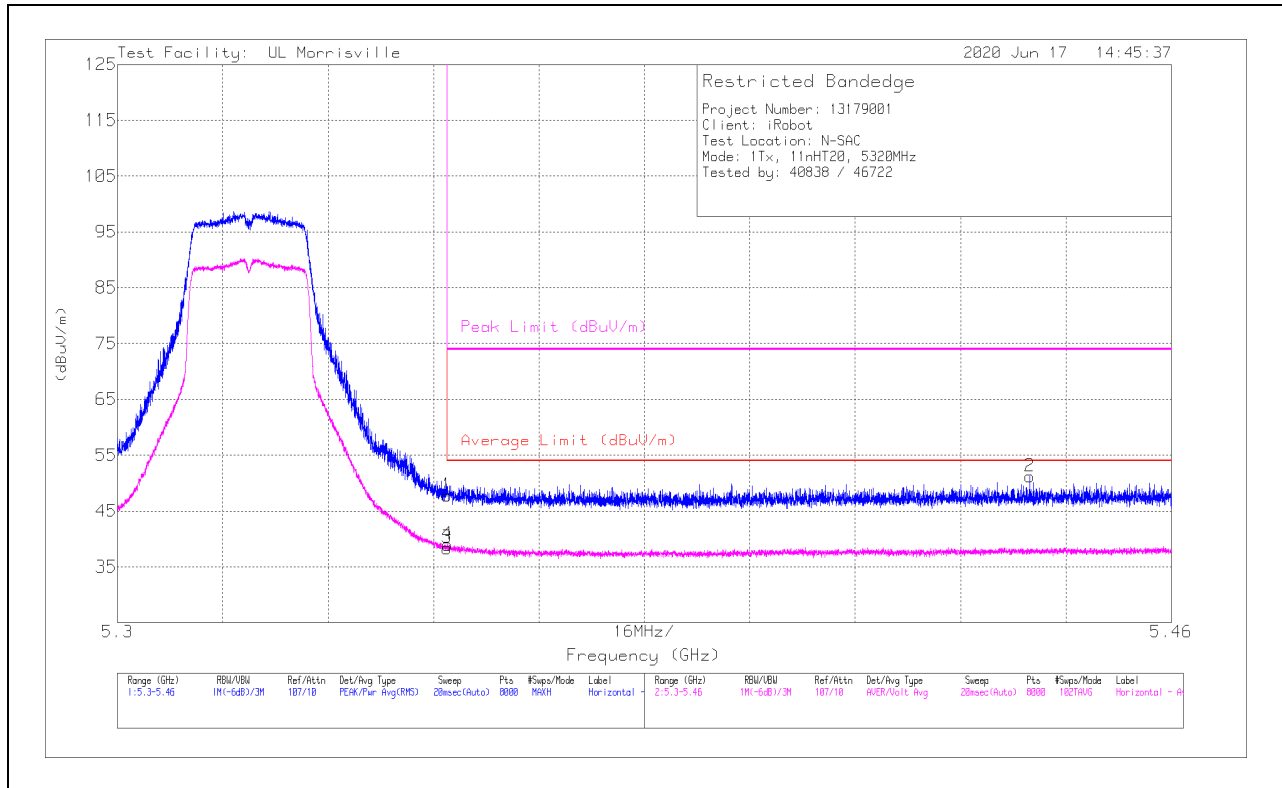
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

10.1.6. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX External Antenna MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	35.44	Pk	34.4	-22.1	0	47.74	-	-	74	-26.26	39	341	H
2	* ** 5.4385	38.82	Pk	34.4	-22	0	51.22	-	-	74	-22.78	39	341	H
3	* ** 5.35001	25.83	ADV	34.4	-22.1	.24	38.37	54	-15.63	-	-	39	341	H
4	* ** 5.35015	26.45	ADV	34.4	-22.1	.24	38.99	54	-15.01	-	-	39	341	H

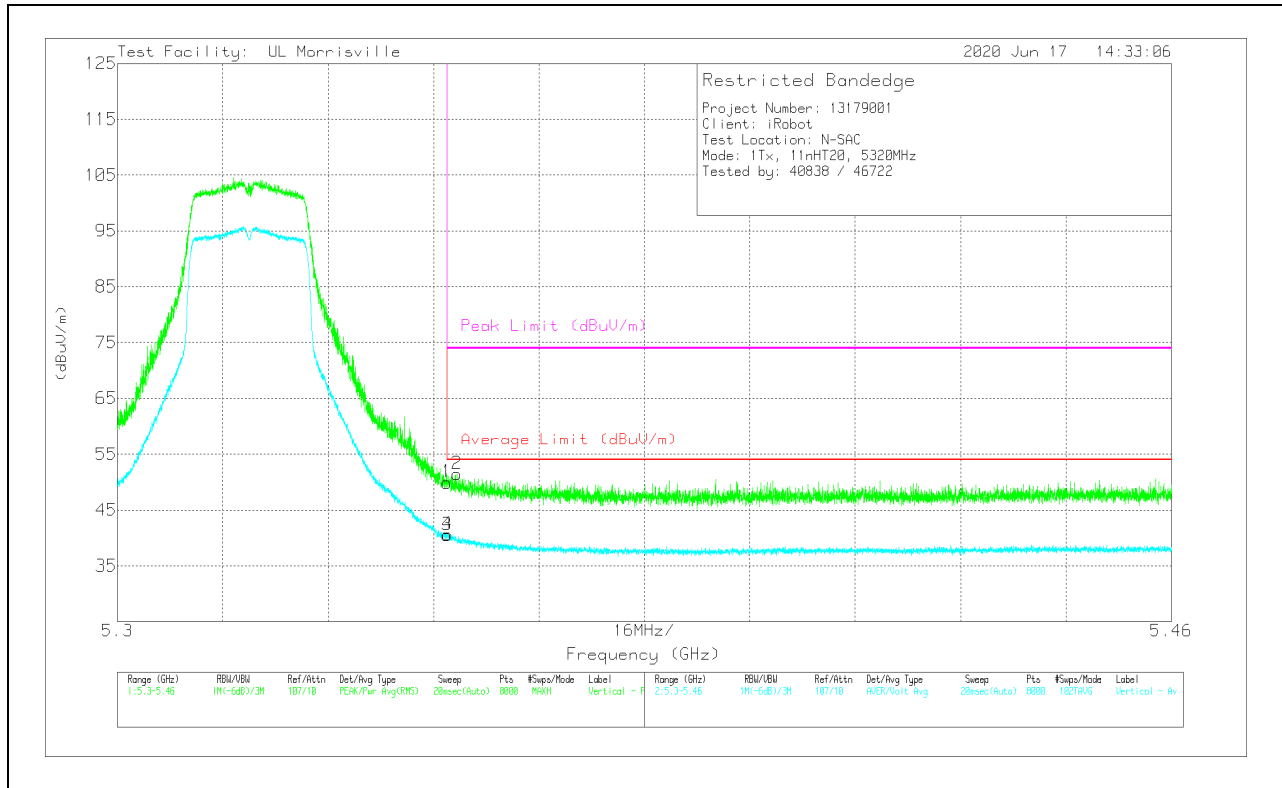
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

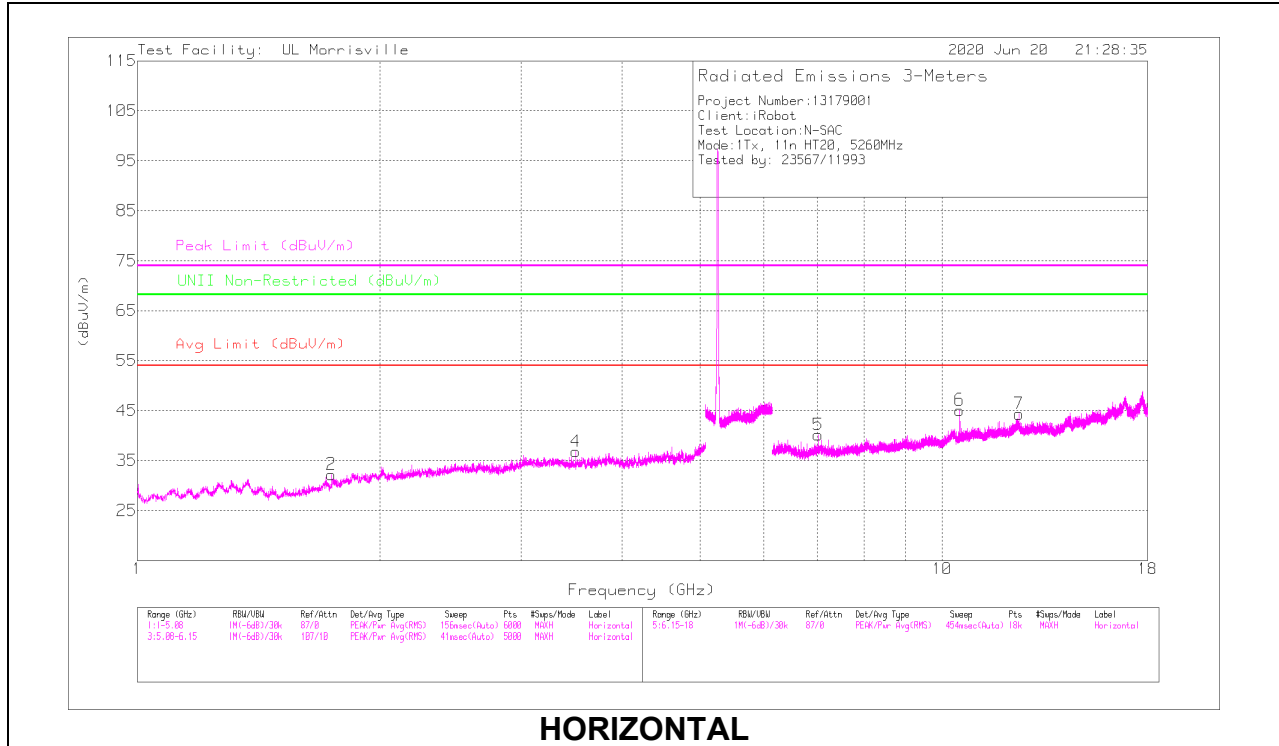


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	37.62	PK	34.4	-22.1	0	49.92	-	-	74	-24.08	85	317	V
2	*** 5.35153	39.11	Pk	34.4	-22.1	0	51.41	-	-	74	-22.59	85	317	V
3	*** 5.35001	27.94	ADV	34.4	-22.1	.24	40.48	54	-13.52	-	-	85	317	V
4	*** 5.35015	28.08	ADV	34.4	-22.1	.24	40.62	54	-13.38	-	-	85	317	V

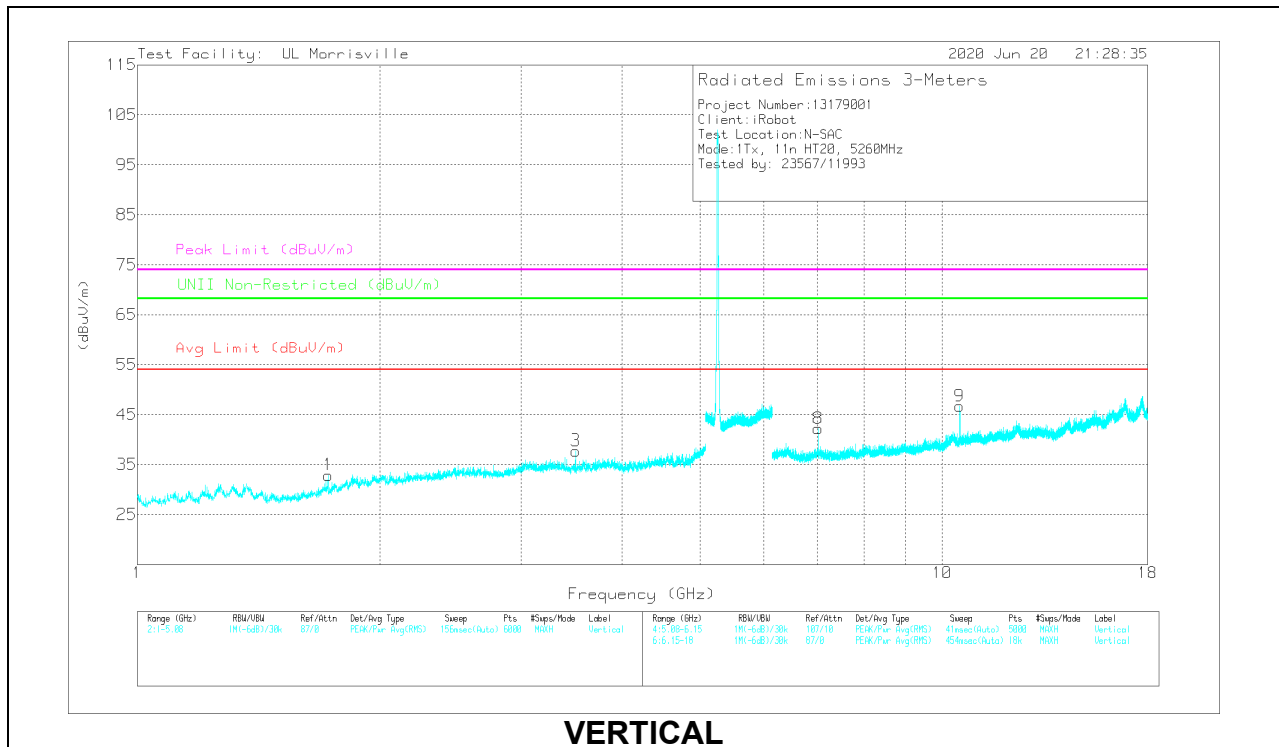
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



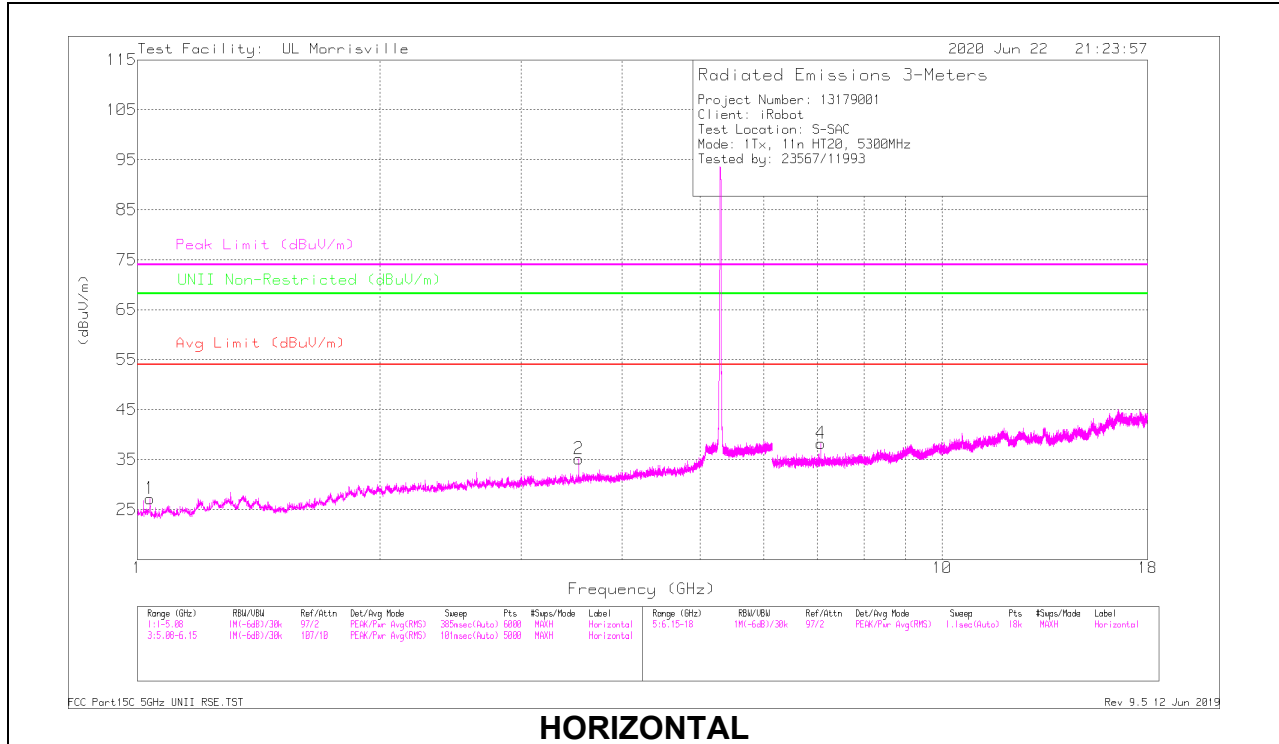
VERTICAL

RADIATED EMISSIONS

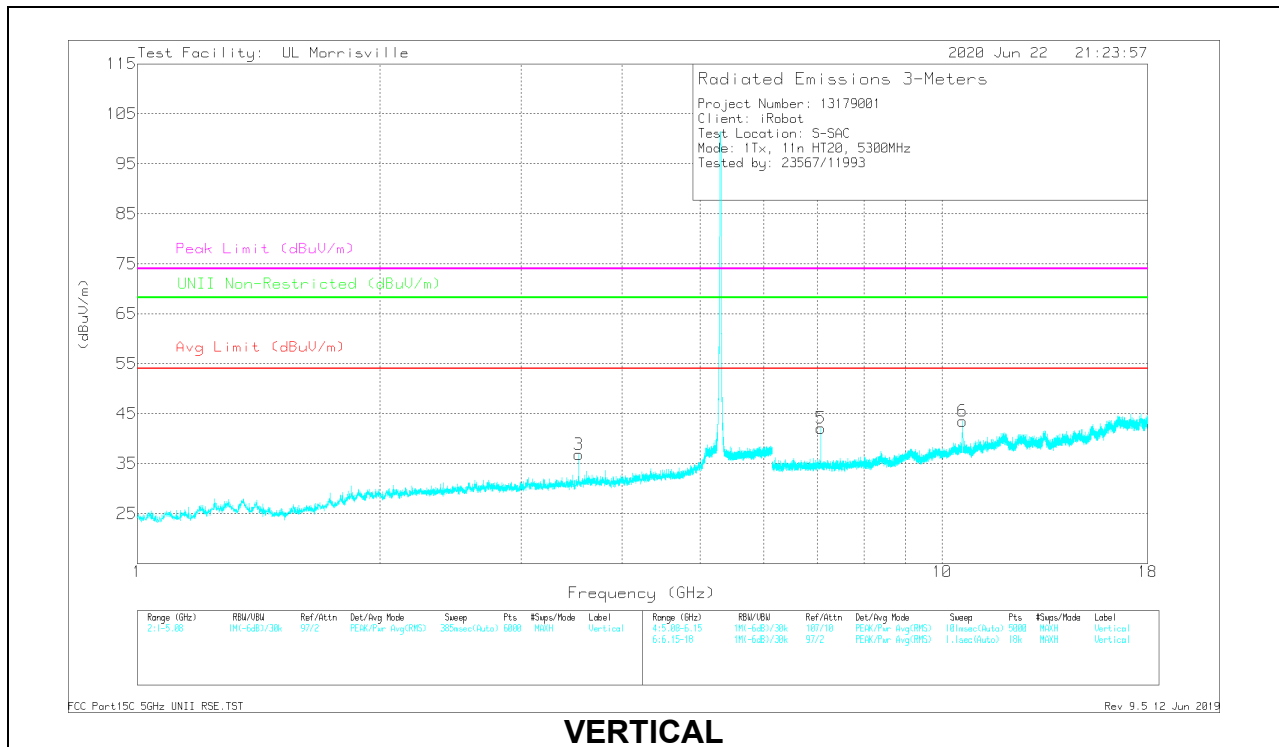
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	** 1.74004	42.57	PK-U	29.5	-35	0	37.07	-	-	-	-	68.2	-31.13	272	358	H
	** 1.74275	29.81	ADV	29.5	-35	.24	24.55	54	-29.45	-	-	-	-	272	358	H
4	*** 3.50687	43.57	PK-U	33	-32.7	0	43.87	-	-	74	-30.13	-	-	93	107	H
	*** 3.50667	35.08	ADV	33	-32.7	.24	35.62	54	-18.38	-	-	-	-	93	107	H
1	** 1.72496	50.45	PK-U	29.4	-34.9	0	44.95	-	-	74	-29.05	68.2	-23.25	57	345	V
	** 1.7272	29.82	ADV	29.4	-34.9	.24	24.56	54	-29.44	-	-	-	-	57	345	V
3	*** 3.50679	41.57	PK-U	33	-32.7	0	41.87	-	-	74	-32.13	-	-	288	172	V
	*** 3.50663	29.89	ADV	33	-32.7	.24	30.43	54	-23.57	-	-	-	-	288	172	V
7	*** 12.46397	35.08	PK-U	39	-24.7	0	49.38	-	-	74	-24.62	-	-	99	274	H
	*** 12.46285	22.11	ADV	39	-24.7	.24	36.65	54	-17.35	-	-	-	-	99	274	H
5	7.01319	40.51	PK-U	35.7	-28.6	0	47.61	-	-	-	-	68.2	-20.59	311	118	H
8	7.01338	40.3	PK-U	35.7	-28.6	0	47.4	-	-	-	-	68.2	-20.8	210	382	V
9	10.51826	42.81	PK-U	37.6	-26.1	0	54.31	-	-	-	-	68.2	-13.89	307	119	V
6	10.51871	37.79	PK-U	37.6	-26.1	0	49.29	-	-	-	-	68.2	-18.91	357	247	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average
 Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0078 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.03688	42.14	PK-U	27	-35.3	0	33.84	-	-	74	-40.16	-	-	31	262	H
	* ** 1.03678	33.31	ADV	27	-35.3	.24	25.25	54	-28.75	-	-	-	-	31	262	H
2	* ** 3.53331	40.86	PK-U	33	-33.2	0	40.66	-	-	74	-33.34	-	-	274	196	H
	* ** 3.53333	32.22	ADV	33	-33.2	.24	32.26	54	-21.74	-	-	-	-	274	196	H
3	* ** 3.53344	41.71	PK-U	33	-33.2	0	41.51	-	-	74	-32.49	-	-	113	183	V
	* ** 3.53332	35.32	ADV	33	-33.2	.24	35.36	54	-18.64	-	-	-	-	113	183	V
6	* **10.59974	39.19	PK-U	37.6	-25	0	51.79	-	-	74	-22.21	-	-	353	110	V
	* **10.59971	27.38	ADV	37.6	-25	.24	40.22	54	-13.78	-	-	-	-	353	110	V
4	7.06675	37.77	PK-U	35.6	-28.5	0	44.87	-	-	-	-	68.2	-23.33	86	127	H
5	7.06678	39.2	PK-U	35.6	-28.5	0	46.3	-	-	-	-	68.2	-21.9	67	106	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

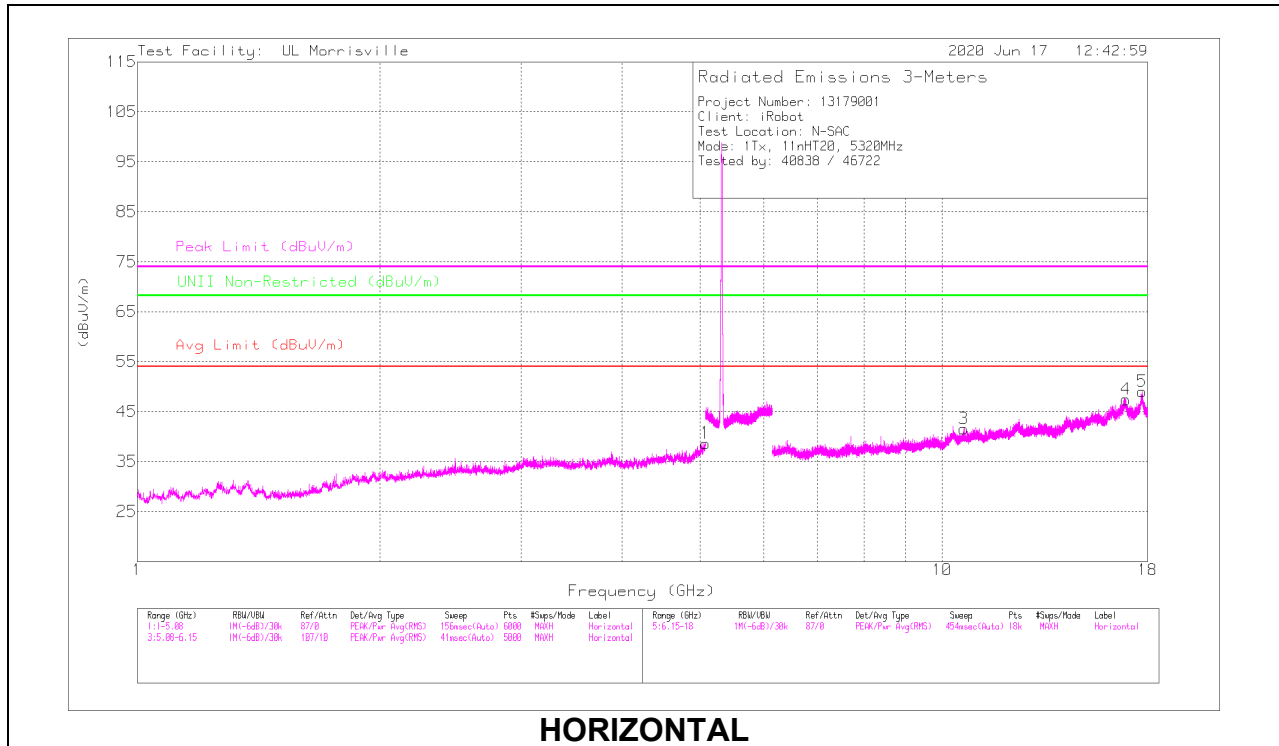
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

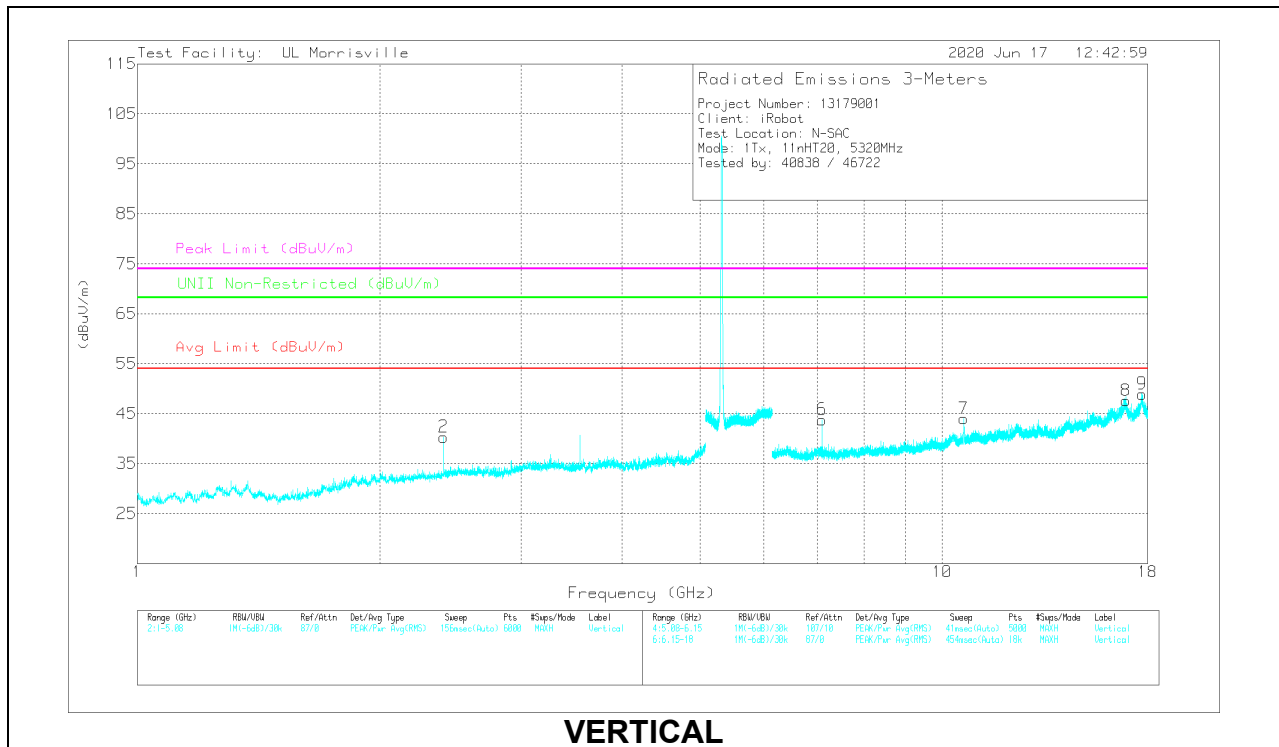
ADV - Linear Voltage Average

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

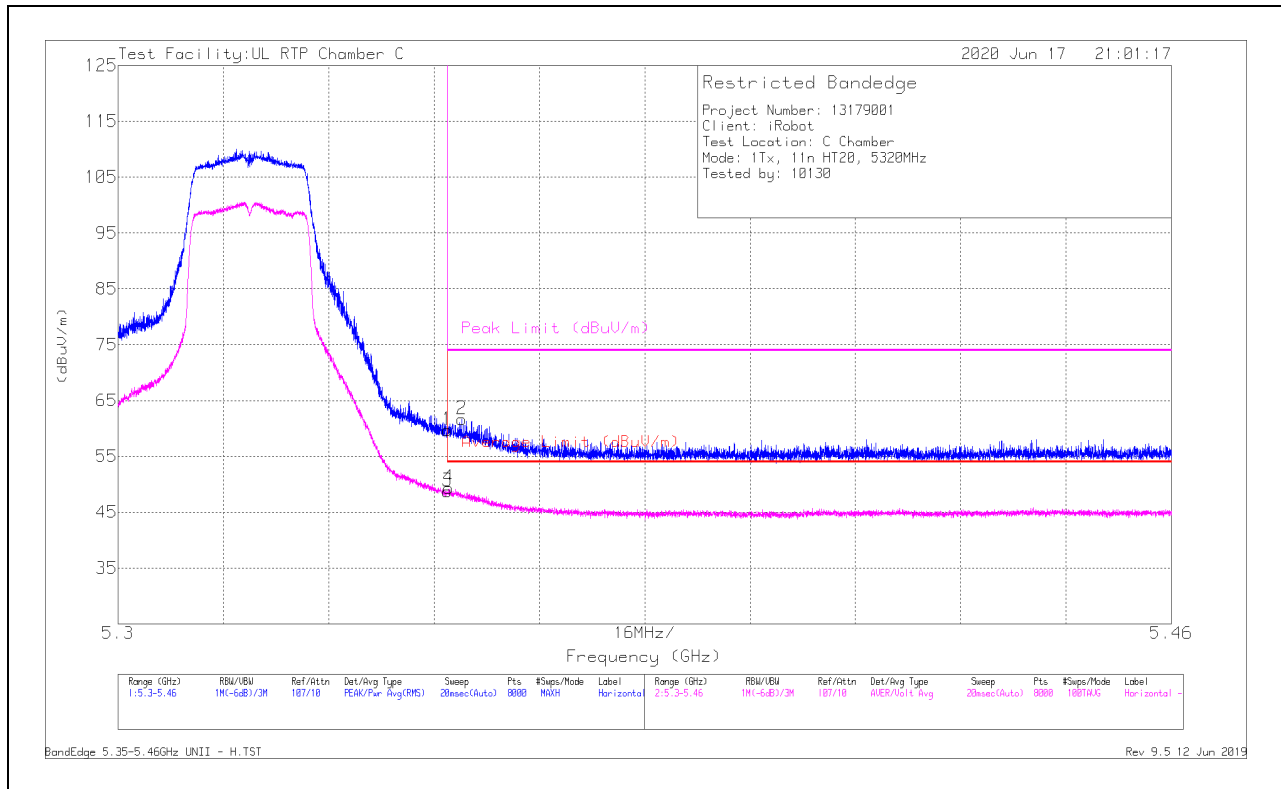
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.07957	40.61	PK-U	34.3	-29.1	0	45.81	-	-	74	-28.19	-	-	61	124	H
	*** 5.07808	27.52	ADV	34.2	-29.2	.24	32.76	54	-21.24	-	-	-	-	61	124	H
3	*** 10.63666	36.08	PK-U	37.7	-24.9	0	48.88	-	-	74	-25.12	-	-	15	355	H
	*** 10.63634	23.14	ADV	37.7	-24.9	.24	36.18	54	-17.82	-	-	-	-	15	355	H
5	*** 17.71912	33.34	PK-U	41.6	-20	0	54.94	-	-	74	-19.06	-	-	119	233	H
	*** 17.72084	20.76	ADV	41.6	-19.9	.24	42.7	54	-11.3	-	-	-	-	119	233	H
7	*** 10.64001	39.97	PK-U	37.8	-24.9	0	52.87	-	-	74	-21.13	-	-	285	120	V
	*** 10.63989	26.5	ADV	37.8	-24.9	.24	39.64	54	-14.36	-	-	-	-	285	120	V
9	*** 17.72705	32.23	PK-U	41.7	-19.7	0	54.23	-	-	74	-19.77	-	-	88	346	V
	*** 17.72757	19.66	ADV	41.7	-19.7	.24	41.9	54	-12.1	-	-	-	-	88	346	V
2	2.40194	45.04	PK-U	31.9	-33.6	0	43.34	-	-	-	-	68.2	-24.86	263	145	V
6	7.09318	41.88	PK-U	35.7	-29.5	0	48.08	-	-	-	-	68.2	-20.12	4	105	V
4	16.9119	35.39	PK-U	41.5	-22.6	0	54.29	-	-	-	-	68.2	-13.91	257	136	H
8	16.92213	35.08	PK-U	41.5	-23	0	53.58	-	-	-	-	68.2	-14.62	78	156	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - Maximum Peak
 ADV - Linear Voltage Average

1TX PCB Antenna MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	40.53	PK	34.6	-15.4	0	59.73	-	-	74	-14.27	91	126	H
2	*** 5.35219	42.47	PK	34.6	-15.4	0	61.67	-	-	74	-12.33	91	126	H
3	** 5.35001	29.34	ADV	34.6	-15.4	.24	48.78	54	-5.22	-	-	91	125	H
4	** 5.35019	29.92	ADV	34.6	-15.4	.24	49.36	54	-4.64	-	-	91	125	H

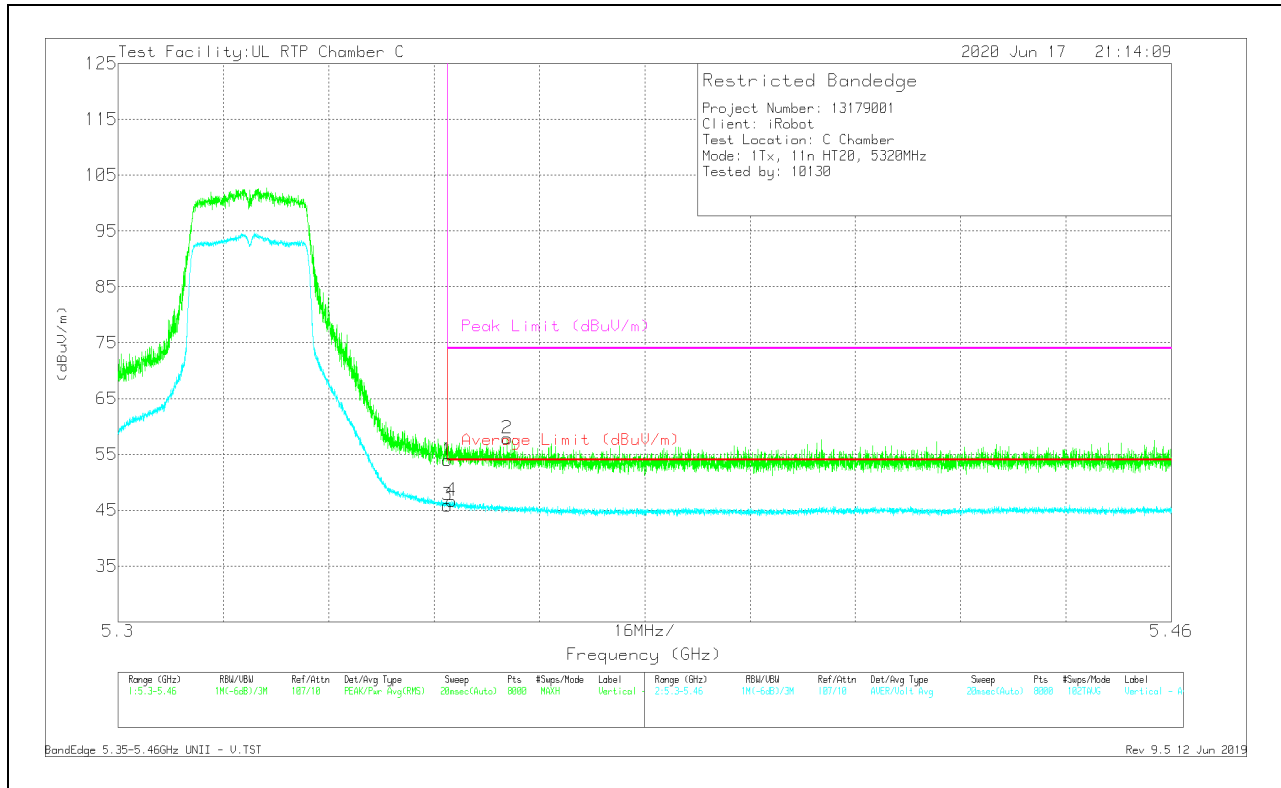
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

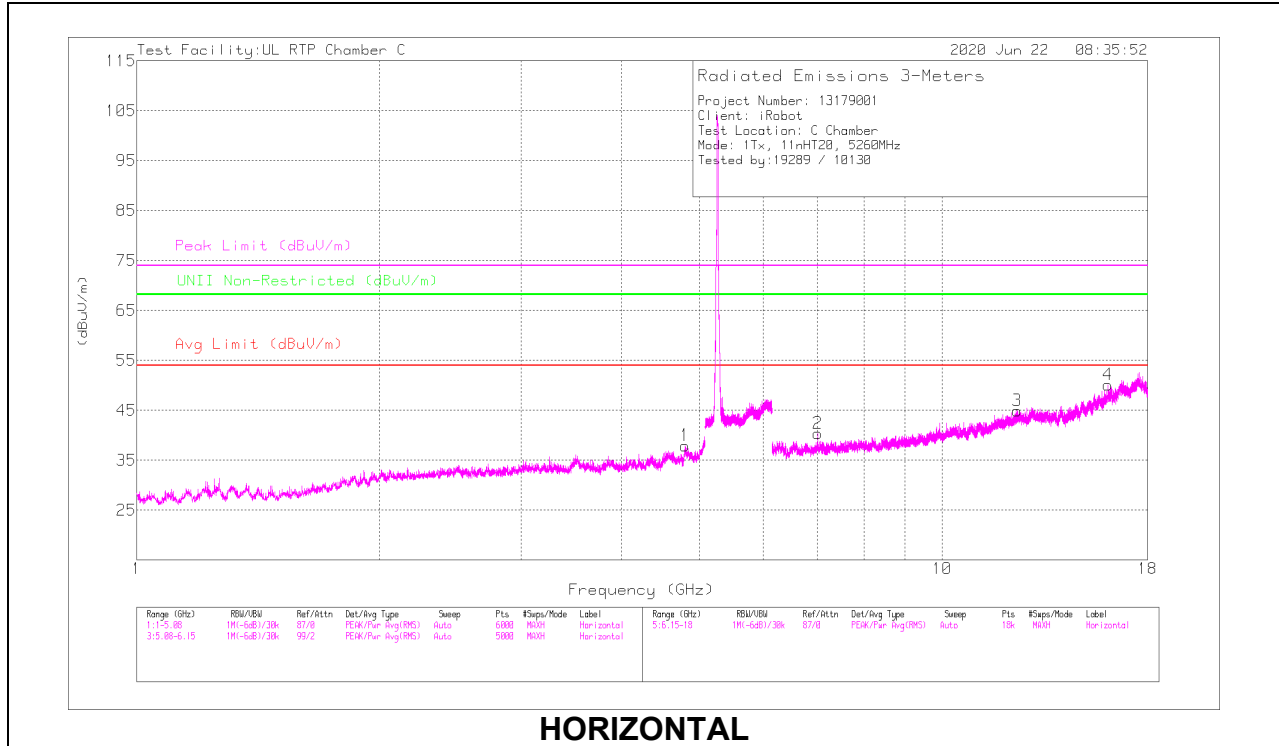


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0062 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	34.77	Pk	34.6	-15.4	0	53.97	-	-	74	-20.03	199	284	V
2	* ** 5.35911	38.57	Pk	34.6	-15.3	0	57.87	-	-	74	-16.13	199	284	V
3	* ** 5.35001	26.45	ADV	34.6	-15.4	.24	45.89	54	-8.11	-	-	199	284	V
4	* ** 5.35071	27.25	ADV	34.6	-15.4	.24	46.69	54	-7.31	-	-	199	284	V

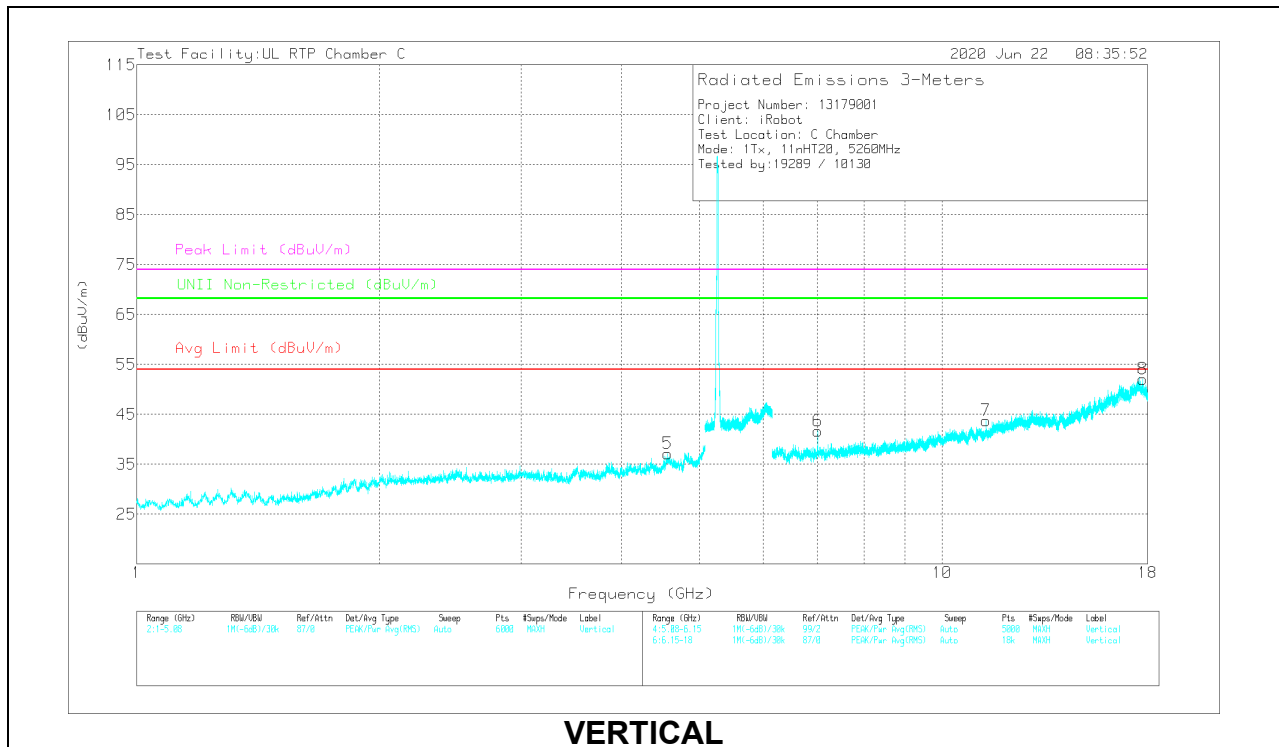
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL