

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	* ** 1.01699	47.49	PK-U	27.6	-37.2	0	37.89	-	-	74	-36.11	-	-	234	365	H
	* ** 1.01819	31.89	ADV	27.6	-37.2	1.17	23.46	54	-30.54	-	-	-	-	234	365	H
2	** 1.86364	44.96	PK-U	30.9	-35.3	0	40.56	-	-	74	-33.44	68.2	-27.64	159	366	H
	** 1.8666	29.45	ADV	30.9	-35.3	1.17	26.22	54	-27.78	-	-	-	-	159	366	H
3	* ** 3.72712	51.15	PK-U	33.3	-33	0	51.45	-	-	74	-22.55	-	-	96	119	H
	* ** 3.72715	28.68	ADV	33.3	-33	1.17	30.15	54	-23.85	-	-	-	-	96	119	H
5	* ** 1.0511	54.12	PK-U	27.4	-37	0	44.52	-	-	74	-29.48	-	-	34	279	V
	* ** 1.04995	32.13	ADV	27.4	-37	1.17	23.7	54	-30.3	-	-	-	-	34	279	V
6	* ** 2.79762	59.77	PK-U	32.2	-33.8	0	58.17	-	-	74	-15.83	-	-	306	126	V
	* ** 2.79895	30.88	ADV	32.2	-33.8	1.17	30.45	54	-23.55	-	-	-	-	306	126	V
7	* ** 3.71941	55.22	PK-U	33.2	-33	0	55.42	-	-	74	-18.58	-	-	332	104	V
	* ** 3.72038	28.81	ADV	33.2	-33	1.17	30.18	54	-23.82	-	-	-	-	332	104	V
8	* ** 7.56014	42.22	PK-U	35.7	-29.4	0	48.52	-	-	74	-25.48	-	-	291	126	V
	* ** 7.56002	35.51	ADV	35.7	-29.4	1.17	42.98	54	-11.02	-	-	-	-	291	126	V
9	* ** 9.30573	46.17	PK-U	36.6	-28.5	0	54.27	-	-	74	-19.73	-	-	151	104	V
	* ** 9.3063	25.15	ADV	36.6	-28.5	1.17	34.42	54	-19.58	-	-	-	-	151	104	V
4	3.1911	55.28	PK-U	33.1	-33.6	0	54.78	-	-	-	-	68.2	-13.42	87	115	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

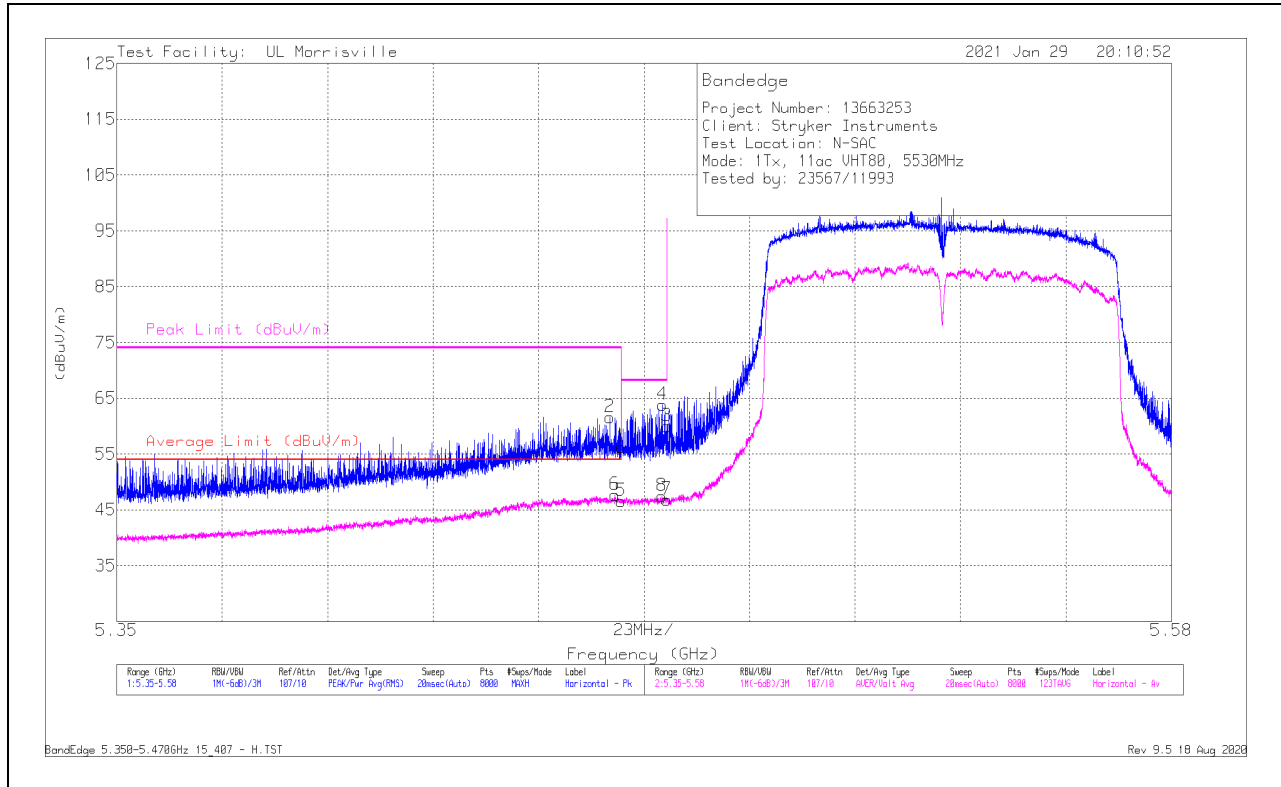
ADV - Linear Voltage Average

10.1.12. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 1 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	*** 5.45998	44.93	Pk	34.4	-23.1	0	56.23	-	-	74	-17.77	321	99	H
2	*** 5.45754	50.24	Pk	34.4	-23	0	61.64	-	-	74	-12.36	321	99	H
5	*** 5.45998	33.4	ADV	34.4	-23.1	1.82	46.52	54	-7.48	-	-	321	99	H
6	*** 5.4586	34.5	ADV	34.4	-23	1.82	47.72	54	-6.28	-	-	321	99	H
8	5.46893	34.19	ADV	34.4	-23	1.82	47.41	-	-	-	-	321	99	H
4	5.46901	52.41	Pk	34.4	-23	0	63.81	-	-	68.2	-4.39	321	99	H
3	5.46999	48.54	Pk	34.4	-23	0	59.94	-	-	68.2	-8.26	321	99	H
7	5.46999	33.61	ADV	34.4	-23	1.82	46.83	-	-	-	-	321	99	H

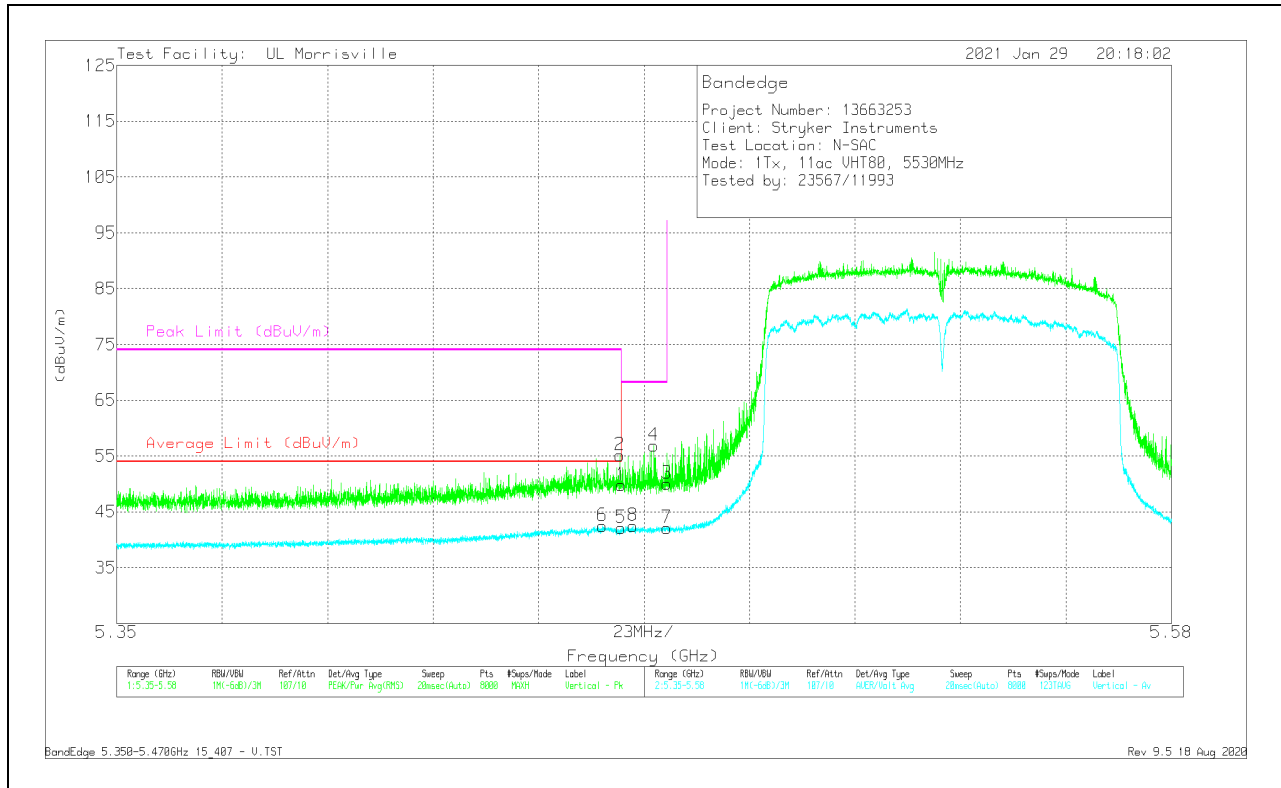
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak

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	* ** 5.45998	38.46	Pk	34.4	-23.1	0	49.76	-	-	74	-24.24	277	102	V
2	* ** 5.45973	43.84	Pk	34.4	-23.1	0	55.14	-	-	74	-18.86	277	102	V
5	* ** 5.45998	28.97	ADV	34.4	-23.1	1.82	42.09	54	-11.91	-	-	277	102	V
6	* ** 5.45596	29.21	ADV	34.4	-23	1.82	42.43	54	-11.57	-	-	277	102	V
8	5.46254	29.47	ADV	34.3	-23.1	1.82	42.49	-	-	-	-	277	102	V
4	5.46714	45.62	Pk	34.3	-23	0	56.92	-	-	68.2	-11.28	277	102	V
3	5.46999	38.63	Pk	34.4	-23	0	50.03	-	-	68.2	-18.17	277	102	V
7	5.46999	28.89	ADV	34.4	-23	1.82	42.11	-	-	-	-	277	102	V

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

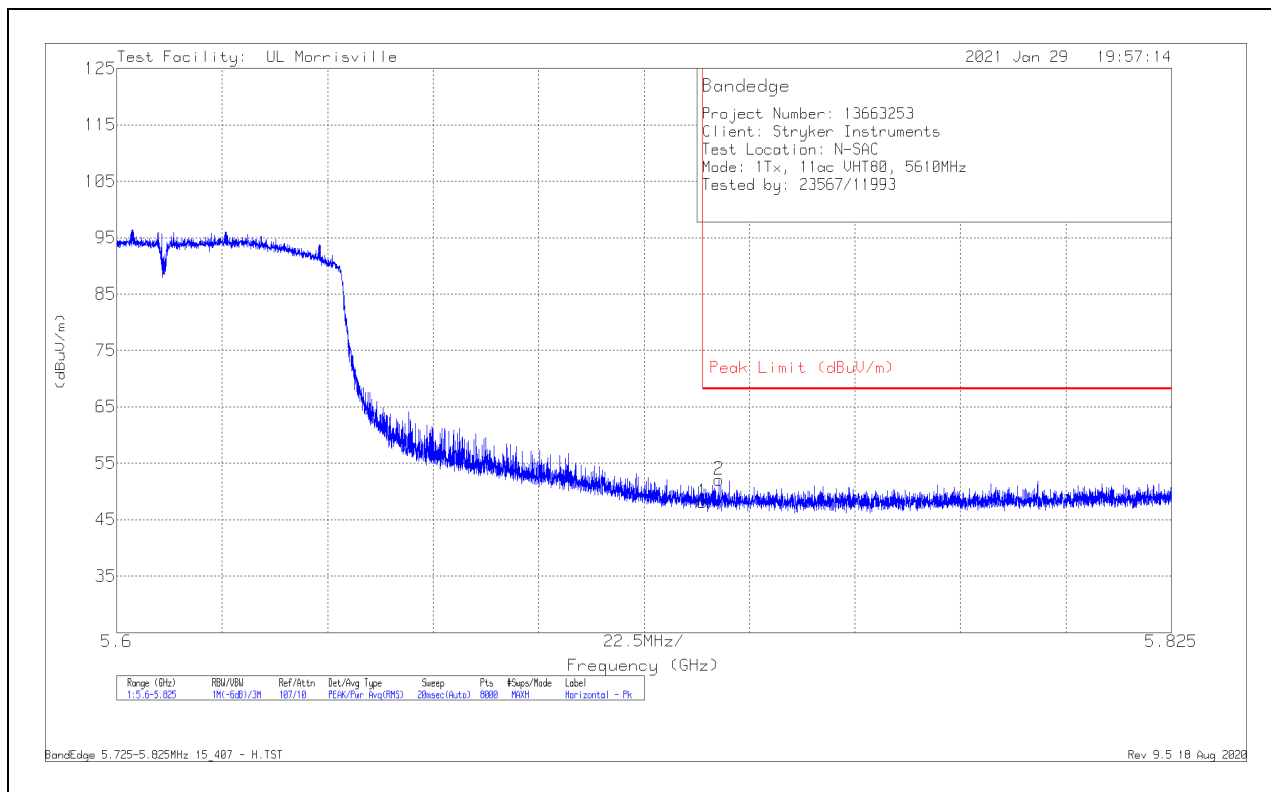
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

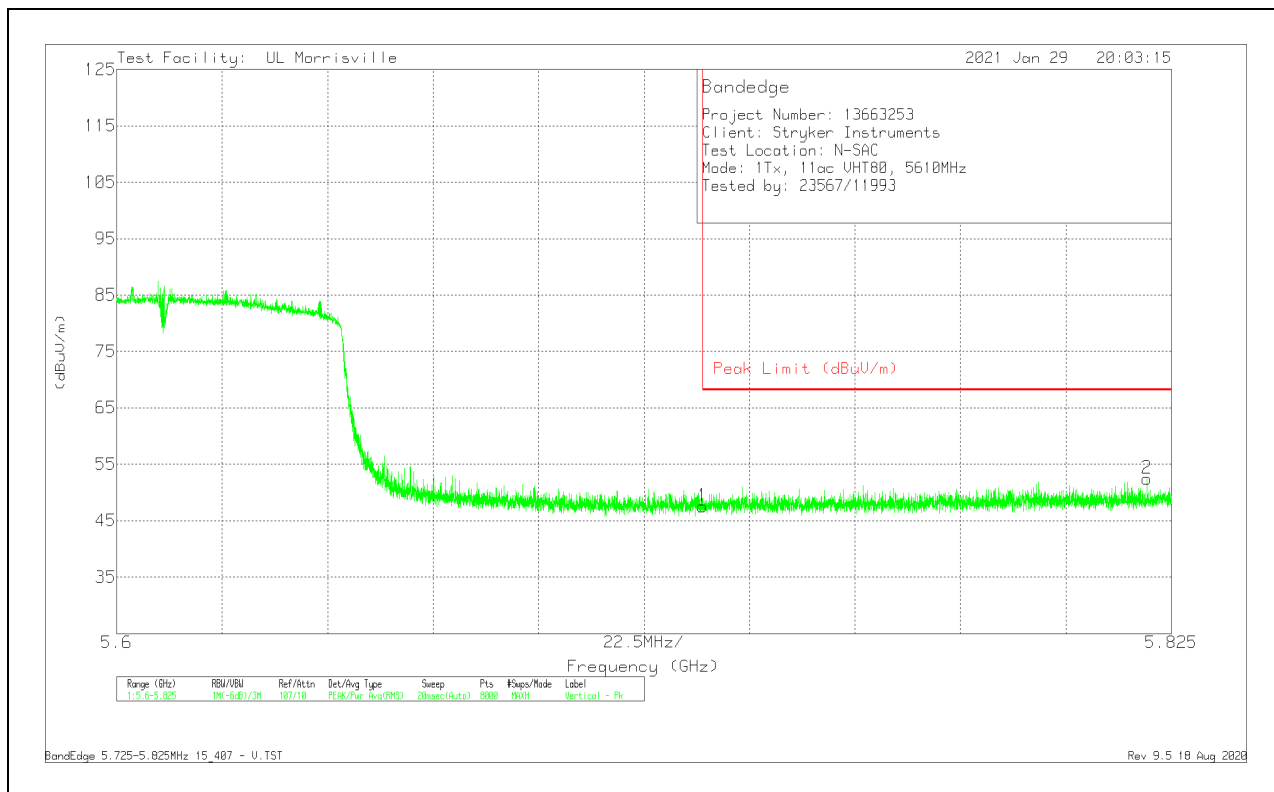
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	36.5	Pk	34.6	-22.9	48.2	68.2	-20	312	220	H
2	5.72847	40.33	Pk	34.6	-22.9	52.03	68.2	-16.17	312	220	H

Pk - Peak detector

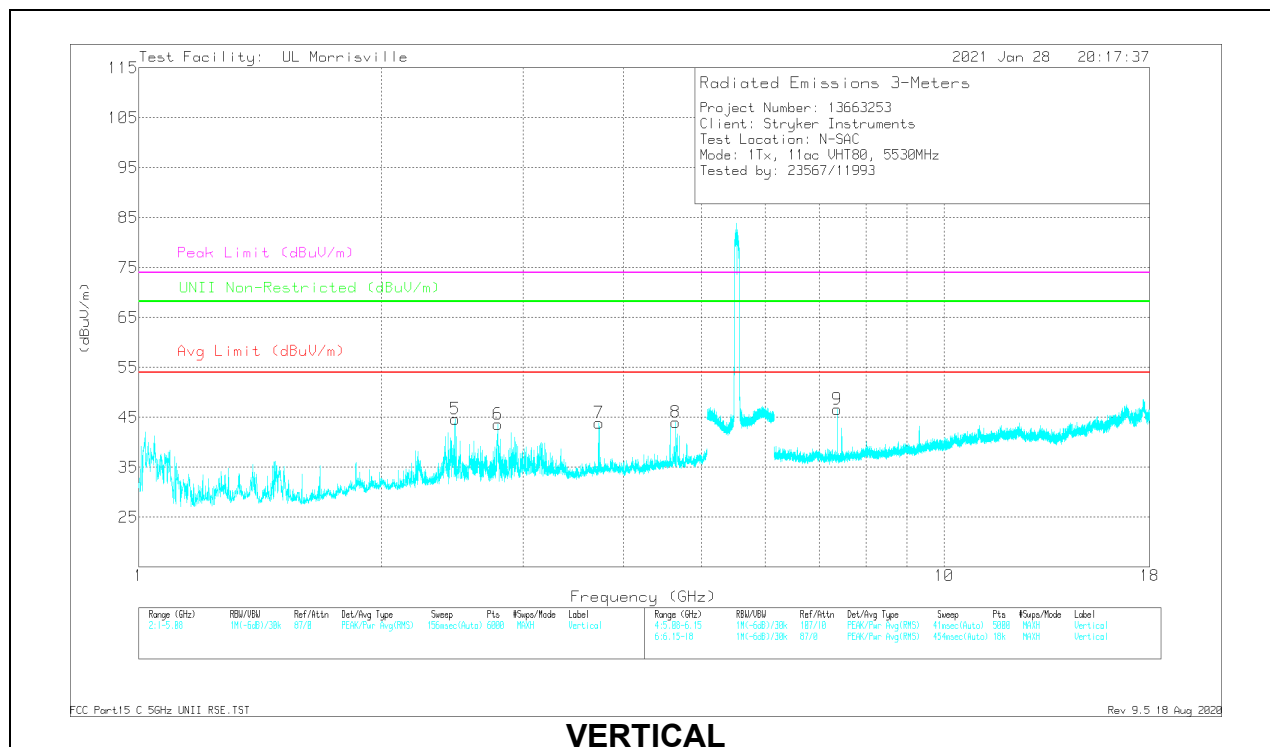
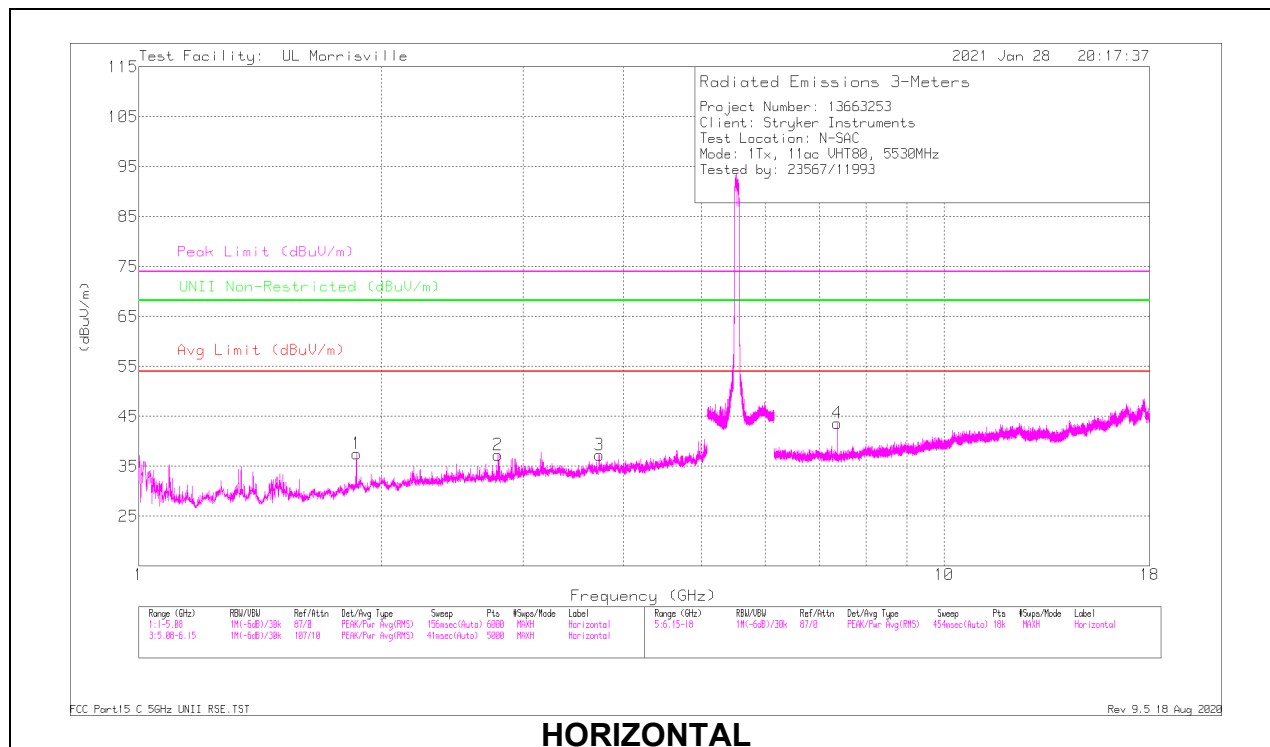
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB/m	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	35.83	Pk	34.6	-22.9	47.53	68.2	-20.67	332	277	V
2	5.81977	40.34	Pk	34.8	-22.7	52.44	68.2	-15.76	332	277	V

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	** 1.86604	52.53	PK-U	30.9	-35.3	0	48.13	-	-	74	-25.87	68.2	-20.07	49	107	H
	** 1.86594	29.92	ADV	30.9	-35.3	1.82	27.34	54	-26.66	-	-	-	-	49	107	H
2	** 2.79269	48.44	PK-U	32.1	-33.8	0	46.74	-	-	74	-27.26	-	-	358	278	H
	** 2.79159	28.68	ADV	32.1	-33.8	1.82	28.8	54	-25.2	-	-	-	-	358	278	H
3	** 3.73012	50.81	PK-U	33.3	-33	0	51.11	-	-	74	-22.89	-	-	224	126	H
	** 3.73147	29	ADV	33.3	-33	1.82	31.12	54	-22.88	-	-	-	-	224	126	H
6	** 2.79261	57.24	PK-U	32.1	-33.8	0	55.54	-	-	74	-18.46	-	-	301	109	V
	** 2.79097	30.68	ADV	32.1	-33.8	1.82	30.8	54	-23.2	-	-	-	-	301	109	V
7	** 3.72907	56.47	PK-U	33.3	-33	0	56.77	-	-	74	-17.23	-	-	3	104	V
	** 3.72949	29.17	ADV	33.3	-33	1.82	31.29	54	-22.71	-	-	-	-	3	104	V
8	** 4.64398	50.88	PK-U	34.2	-31.2	0	53.88	-	-	74	-20.12	-	-	200	103	V
	** 4.64383	27.98	ADV	34.2	-31.2	1.82	32.8	54	-21.2	-	-	-	-	200	103	V
4	** 7.37328	42.05	PK-U	35.6	-29.8	0	47.85	-	-	74	-26.15	-	-	196	224	H
	** 7.37332	35.26	ADV	35.6	-29.8	1.82	42.88	54	-11.12	-	-	-	-	196	224	H
9	** 7.37323	44.29	PK-U	35.6	-29.8	0	50.09	-	-	74	-23.91	-	-	297	101	V
	** 7.37335	39.68	ADV	35.6	-29.8	1.82	47.3	54	-6.7	-	-	-	-	297	101	V
5	2.47336	56.43	PK-U	32.3	-34.1	0	54.63	-	-	-	-	68.2	-13.57	321	264	V

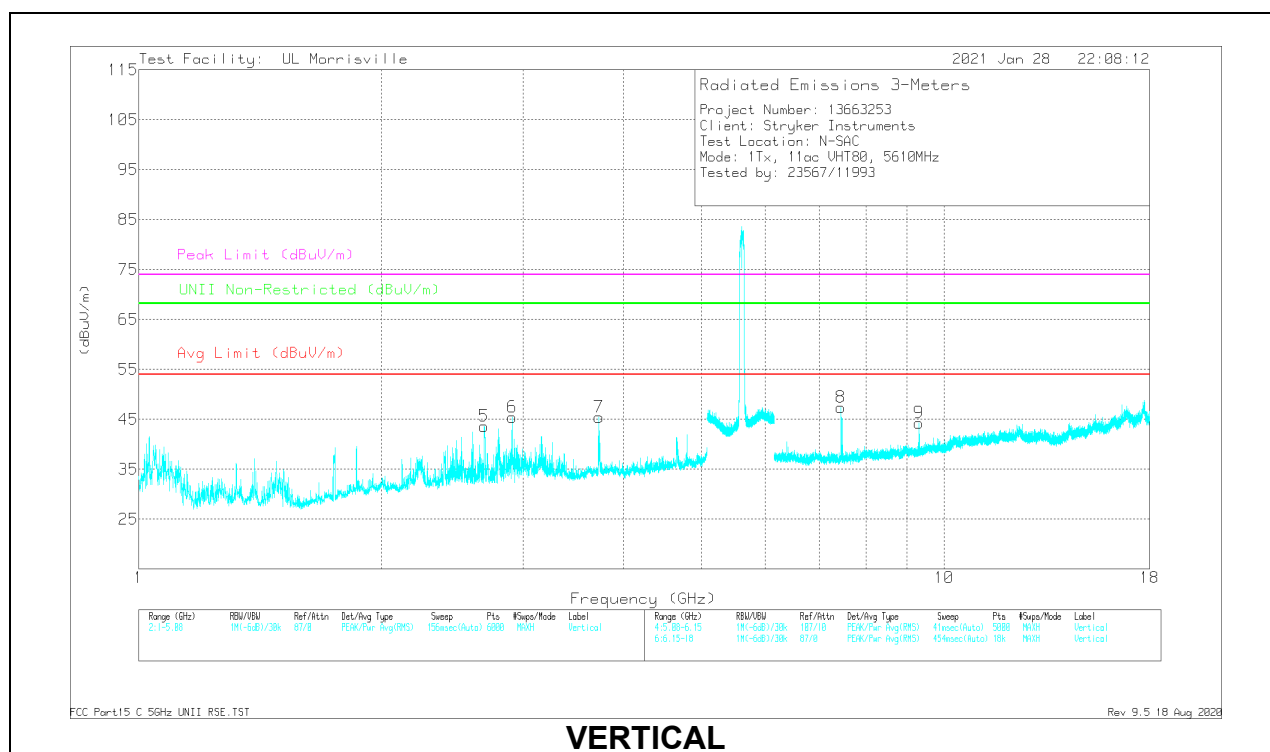
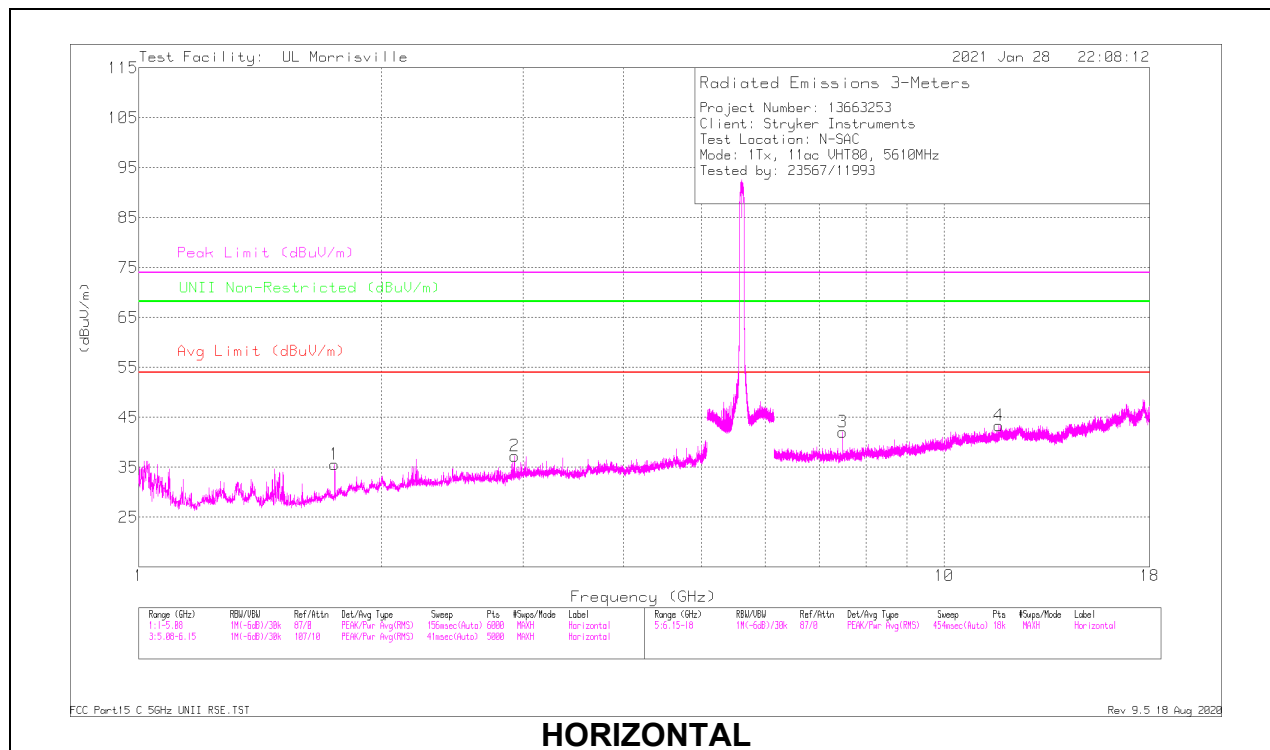
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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	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	** 1.75231	56.97	PK-U	29.6	-35.5	0	51.07	-	-	74	-22.93	68.2	-17.13	12	377	H
	** 1.75198	30.53	ADV	29.7	-35.5	1.82	26.55	54	-27.45	-	-	-	-	12	377	H
5	*** 2.68724	50.02	PK-U	32.4	-33.5	0	48.92	-	-	74	-25.08	-	-	311	158	V
	*** 2.68537	29.17	ADV	32.4	-33.6	1.82	29.79	54	-24.21	-	-	-	-	311	158	V
7	*** 3.72918	55.67	PK-U	33.3	-33	0	55.97	-	-	74	-18.03	-	-	0	374	V
	*** 3.72926	29.26	ADV	33.3	-33	1.82	31.38	54	-22.62	-	-	-	-	0	374	V
3	*** 7.47987	41.59	PK-U	35.7	-29.5	0	47.79	-	-	74	-26.21	-	-	200	241	H
	*** 7.48002	34.26	ADV	35.7	-29.5	1.82	42.28	54	-11.72	-	-	-	-	200	241	H
4	*** 11.69346	37.22	PK-U	38.4	-26.3	0	49.32	-	-	74	-24.68	-	-	346	333	H
	*** 11.69289	23.4	ADV	38.4	-26.3	1.82	37.32	54	-16.68	-	-	-	-	346	333	H
8	*** 7.44958	48.61	PK-U	35.6	-29.7	0	54.51	-	-	74	-19.49	-	-	336	118	V
	*** 7.45025	25.03	ADV	35.6	-29.6	1.82	32.85	54	-21.15	-	-	-	-	336	118	V
9	*** 9.30609	51.68	PK-U	36.6	-28.5	0	59.78	-	-	74	-14.22	-	-	304	104	V
	*** 9.30719	25.56	ADV	36.6	-28.5	1.82	35.48	54	-18.52	-	-	-	-	304	104	V
6	2.91083	55.97	PK-U	32.5	-33.6	0	54.87	-	-	-	-	68.2	-13.33	349	115	V
2	2.92606	47.57	PK-U	32.6	-33.5	0	46.67	-	-	-	-	68.2	-21.53	63	149	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

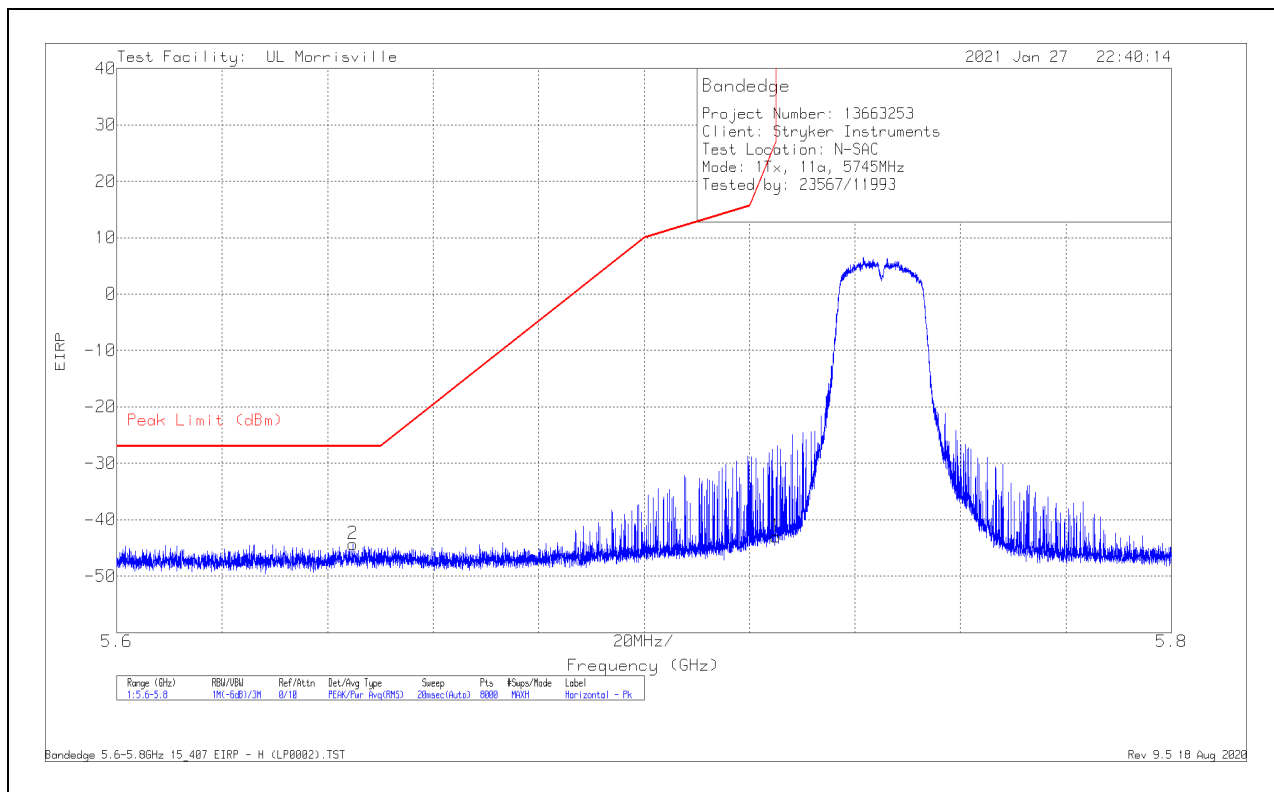
ADV - Linear Voltage Average

10.1.13. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

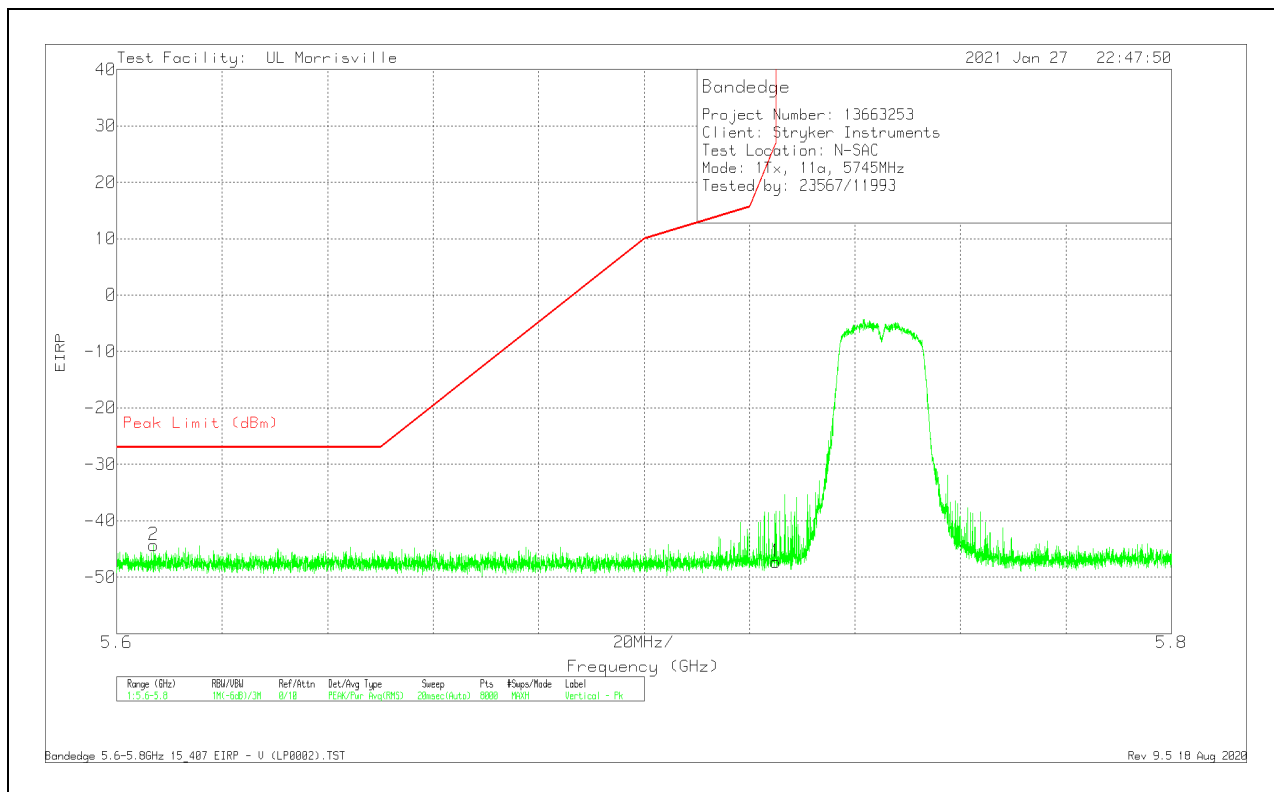
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64476	-67.82	Pk	34.7	-23	11.8	-44.32	-27	-17.32	318	116	H
1	5.72499	-66.51	Pk	34.6	-22.9	11.8	-43.01	26.98	-69.99	318	116	H

Pk - Peak detector

VERTICAL RESULT

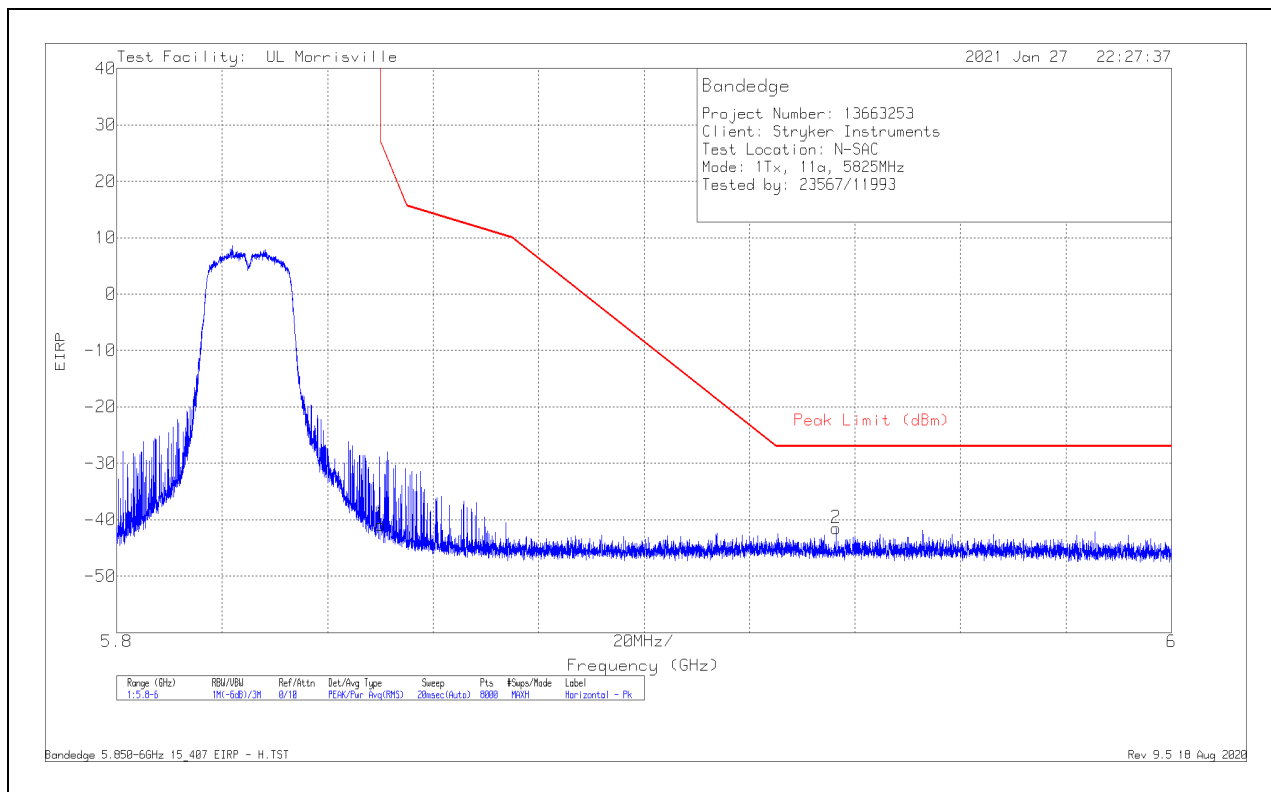


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.607	-67.58	Pk	34.5	-23.1	11.8	-44.38	-27	-17.38	2	396	V
1	5.72499	-70.84	Pk	34.6	-22.9	11.8	-47.34	26.98	-74.32	2	396	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

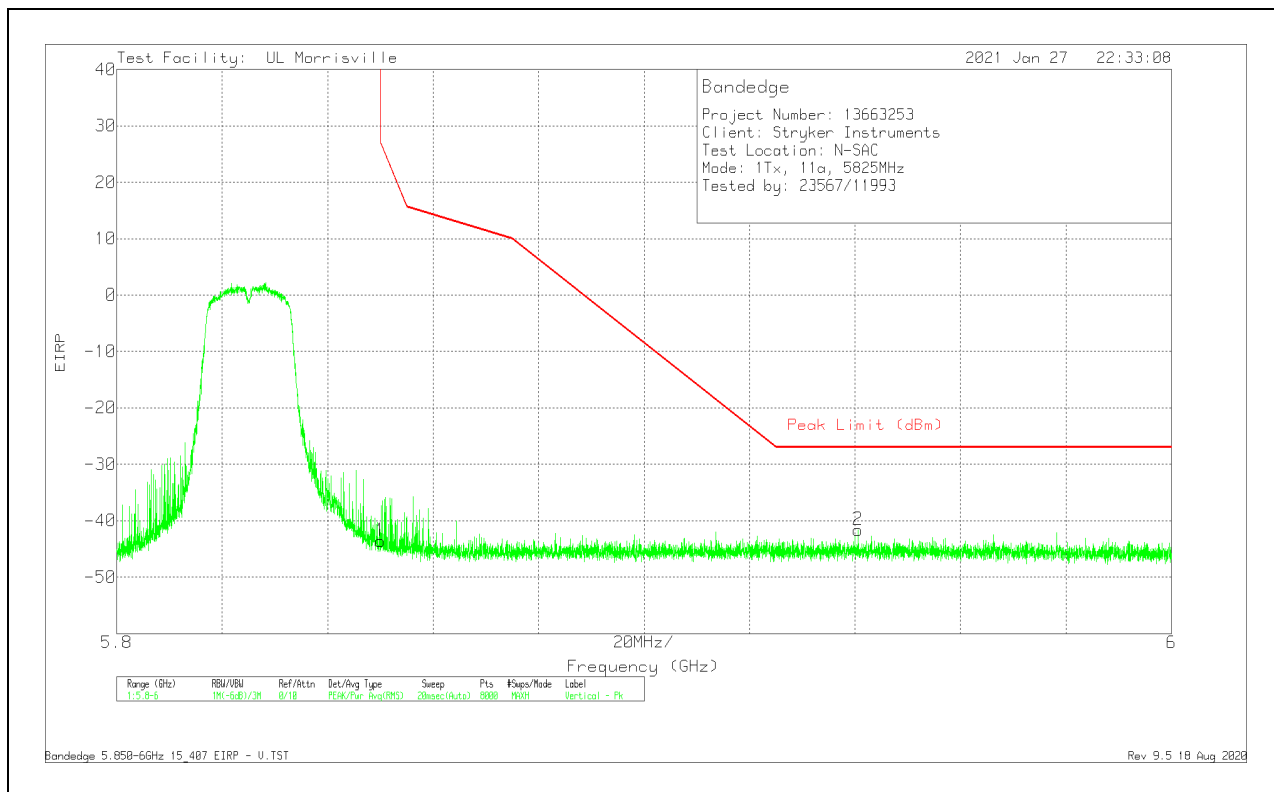
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB/(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-65.07	Pk	34.8	-22.4	11.8	-40.87	26.99	-67.86	290	113	H
2	5.93639	-66.26	Pk	35	-22.1	11.8	-41.56	-27	-14.56	290	113	H

Pk - Peak detector

VERTICAL RESULT

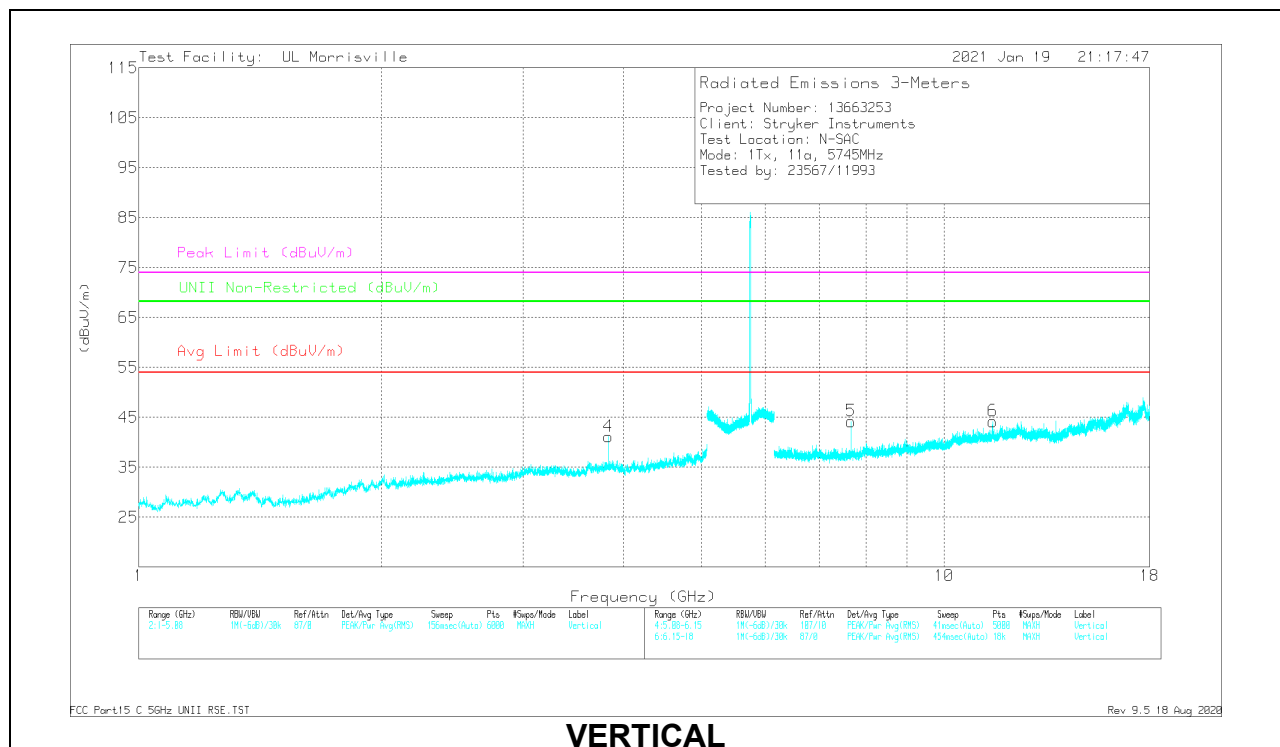
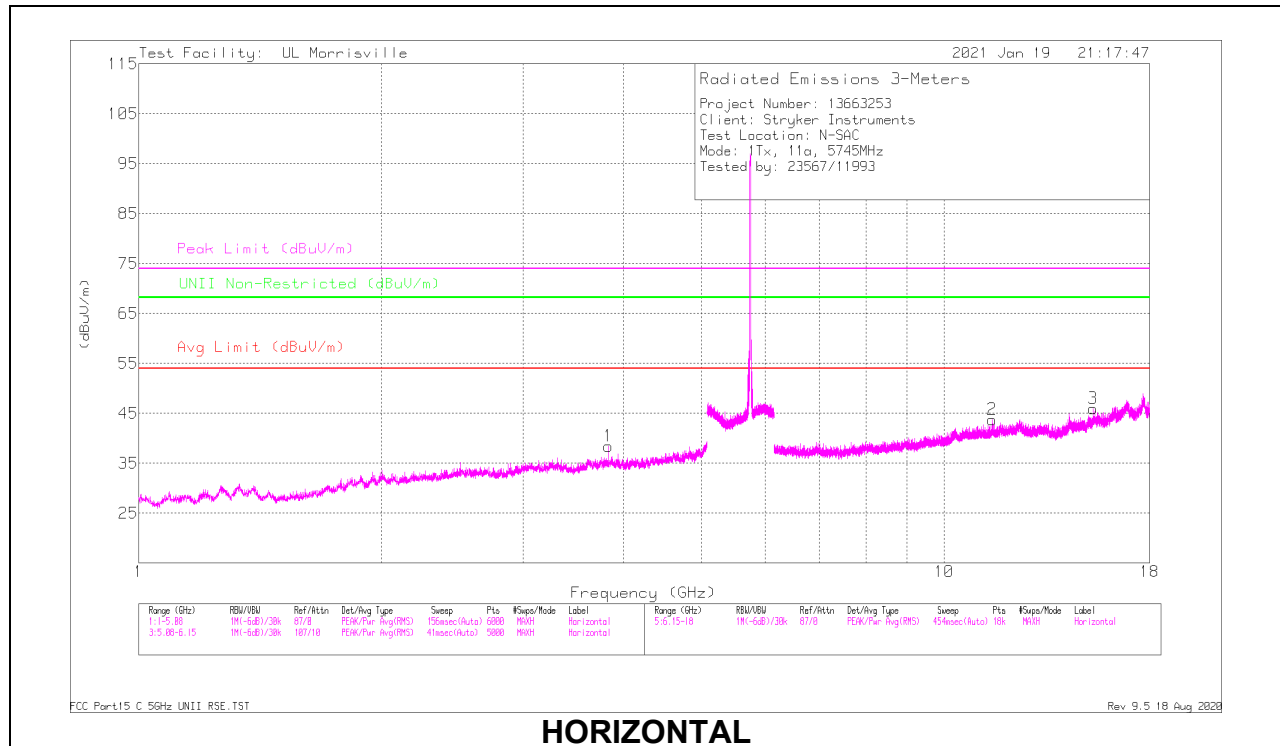


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-67.75	Pk	34.8	-22.4	11.8	-43.55	26.99	-70.54	5	110	V
2	5.94062	-66.43	Pk	35	-22	11.8	-41.63	-27	-14.63	5	110	V

Pk - Peak detector

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	* ** 3.82994	43.46	PK-U	33.6	-32.7	0	44.36	-	-	74	-29.64	-	-	28	144	H
	* ** 3.82997	33.72	ADV	33.6	-32.7	.45	35.07	54	-18.93	-	-	-	-	28	144	H
4	* ** 3.82999	46.04	PK-U	33.6	-32.7	0	46.94	-	-	74	-27.06	-	-	314	101	V
	* ** 3.83007	39.4	ADV	33.6	-32.7	.45	40.75	54	-13.25	-	-	-	-	314	101	V
2	* ** 11.48594	37.25	PK-U	38.2	-25.5	0	49.95	-	-	74	-24.05	-	-	212	290	H
	* ** 11.48773	24.06	ADV	38.1	-25.5	.45	37.11	54	-16.89	-	-	-	-	212	290	H
5	* ** 7.66004	41.47	PK-U	35.8	-29.5	0	47.77	-	-	74	-26.23	-	-	323	200	V
	* ** 7.65998	33.21	ADV	35.8	-29.5	.45	39.96	54	-14.04	-	-	-	-	323	200	V
6	* ** 11.48807	39.16	PK-U	38.1	-25.5	0	51.76	-	-	74	-22.24	-	-	331	382	V
	* ** 11.48785	25.81	ADV	38.1	-25.5	.45	38.86	54	-15.14	-	-	-	-	331	382	V
3	15.31211	38.45	PK-U	40	-26.6	0	51.85	-	-	-	-	68.2	-16.35	89	121	H

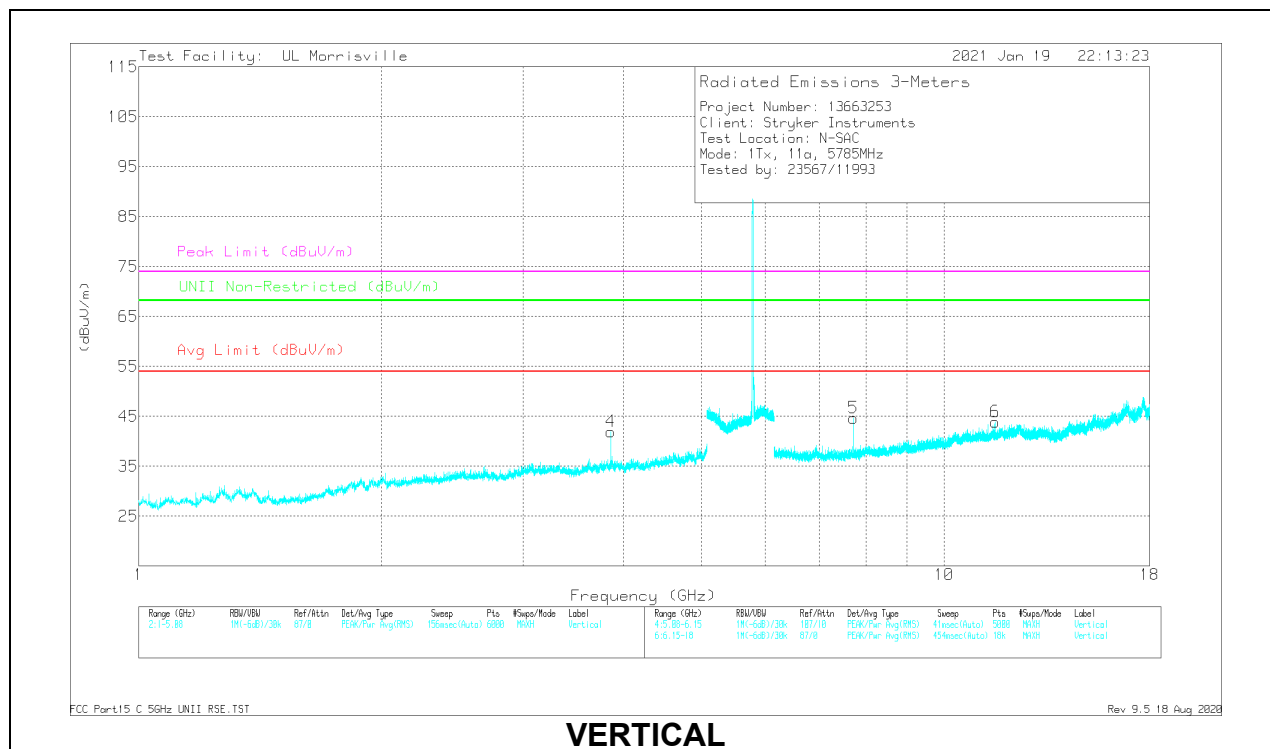
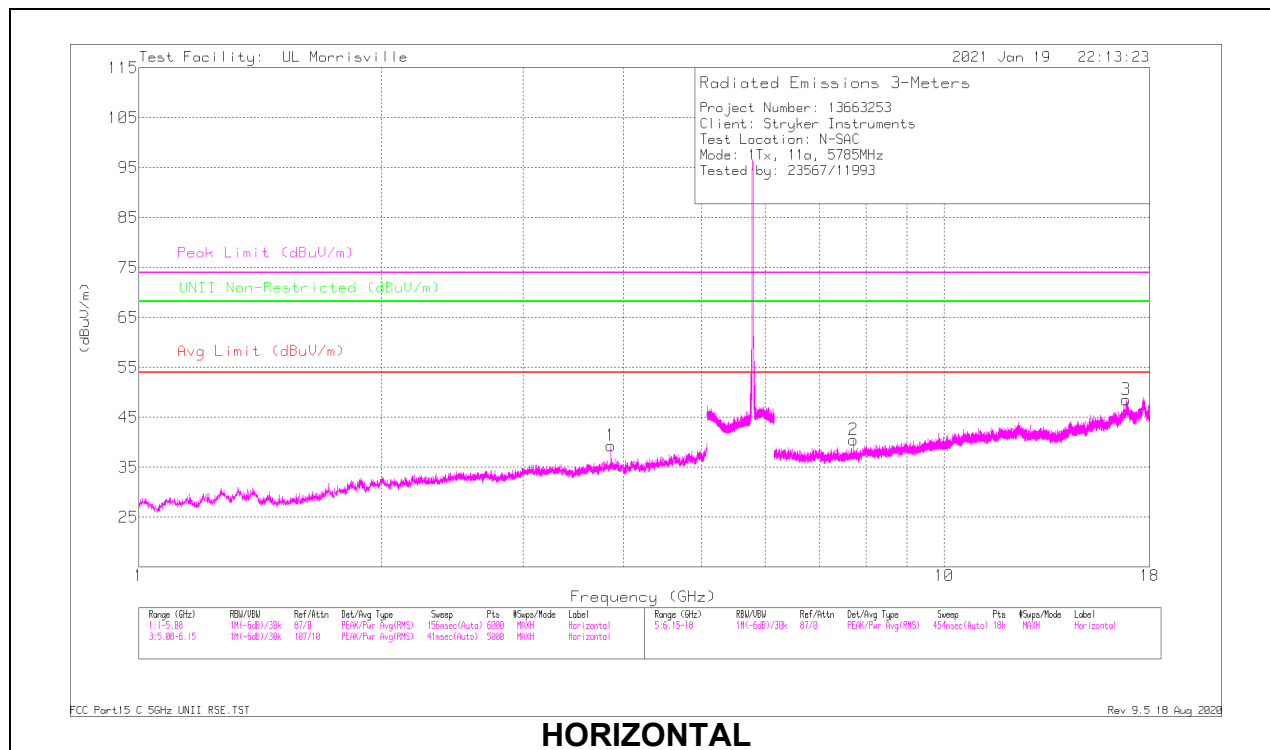
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



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	* ** 3.85644	43.48	PK-U	33.6	-32.6	0	44.48	-	-	74	-29.52	-	-	280	309	H
	* ** 3.8567	33.57	ADV	33.6	-32.6	.45	35.02	54	-18.98	-	-	-	-	280	309	H
4	* ** 3.85669	46.2	PK-U	33.6	-32.6	0	47.2	-	-	74	-26.8	-	-	317	109	V
	* ** 3.85673	39.18	ADV	33.6	-32.6	.45	40.63	54	-13.37	-	-	-	-	317	109	V
2	* ** 7.71309	41.29	PK-U	35.9	-29.4	0	47.79	-	-	74	-26.21	-	-	188	262	H
	* ** 7.71336	32.75	ADV	35.9	-29.4	.45	39.7	54	-14.3	-	-	-	-	188	262	H
5	* ** 7.71333	42.97	PK-U	35.9	-29.4	0	49.47	-	-	74	-24.53	-	-	126	215	V
	* ** 7.71329	37.2	ADV	35.9	-29.4	.45	44.15	54	-9.85	-	-	-	-	126	215	V
6	* ** 11.56743	39.92	PK-U	38.2	-26.4	0	51.72	-	-	74	-22.28	-	-	357	125	V
	* ** 11.56799	26.39	ADV	38.2	-26.4	.45	38.64	54	-15.36	-	-	-	-	357	125	V
3	16.84628	36.79	PK-U	41.6	-23.6	0	54.79	-	-	-	-	68.2	-13.41	112	286	H

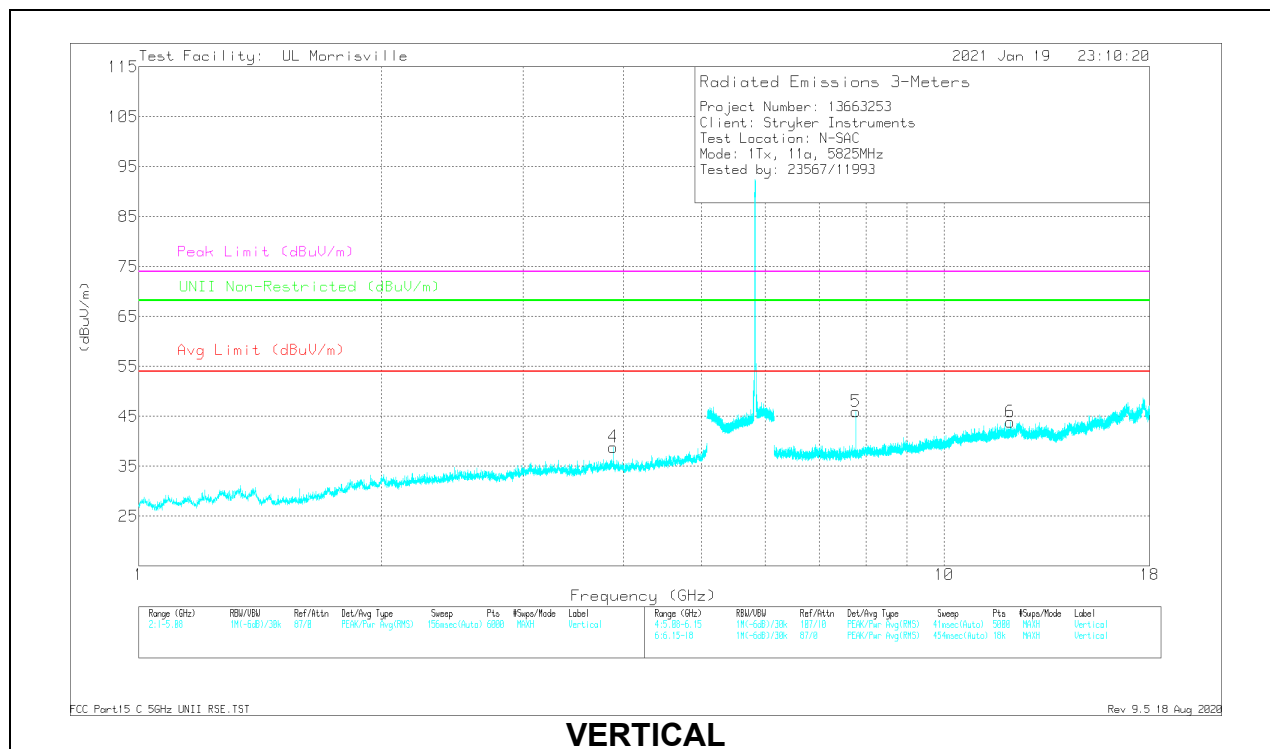
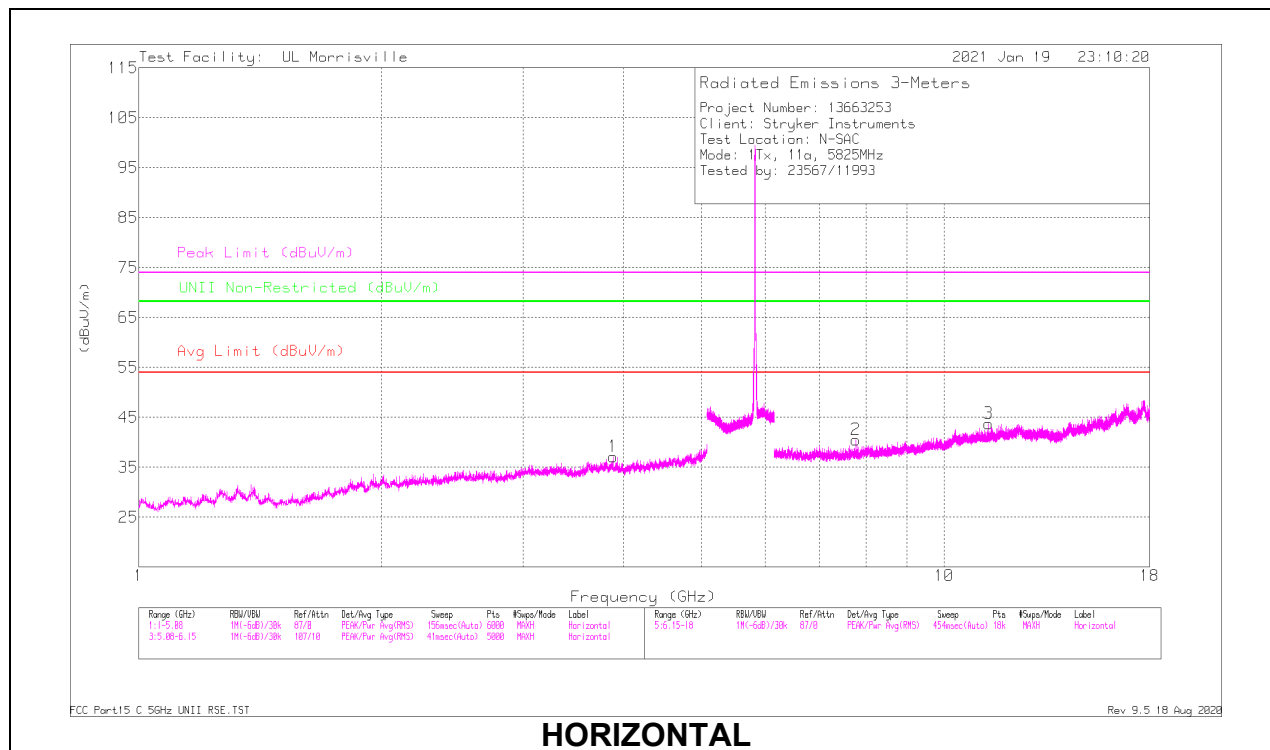
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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
1	* ** 3.88339	42.35	PK-U	33.6	-32.5	0	43.45	-	-	74	-30.55	-	-	32	198	H
	* ** 3.88338	31.41	ADV	33.6	-32.5	.45	32.96	54	-21.04	-	-	-	-	32	198	H
4	* ** 3.8833	44.43	PK-U	33.6	-32.5	0	45.53	-	-	74	-28.47	-	-	309	103	V
	* ** 3.88331	34.49	ADV	33.6	-32.5	.45	36.04	54	-17.96	-	-	-	-	309	103	V
3	* ** 11.35683	35.93	PK-U	38	-26	0	47.93	-	-	74	-26.07	-	-	205	284	H
	* ** 11.35528	23.25	ADV	38	-26	.45	35.7	54	-18.3	-	-	-	-	205	284	H
6	* ** 12.0804	36.61	PK-U	38.7	-26.1	0	49.21	-	-	74	-24.79	-	-	26	275	V
	* ** 12.08087	23.6	ADV	38.8	-26.1	.45	36.75	54	-17.25	-	-	-	-	26	275	V
2	7.76656	40.95	PK-U	35.9	-29.3	0	47.55	-	-	-	-	68.2	-20.65	166	331	H
5	7.76668	43.03	PK-U	35.9	-29.3	0	49.63	-	-	-	-	68.2	-18.57	119	321	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

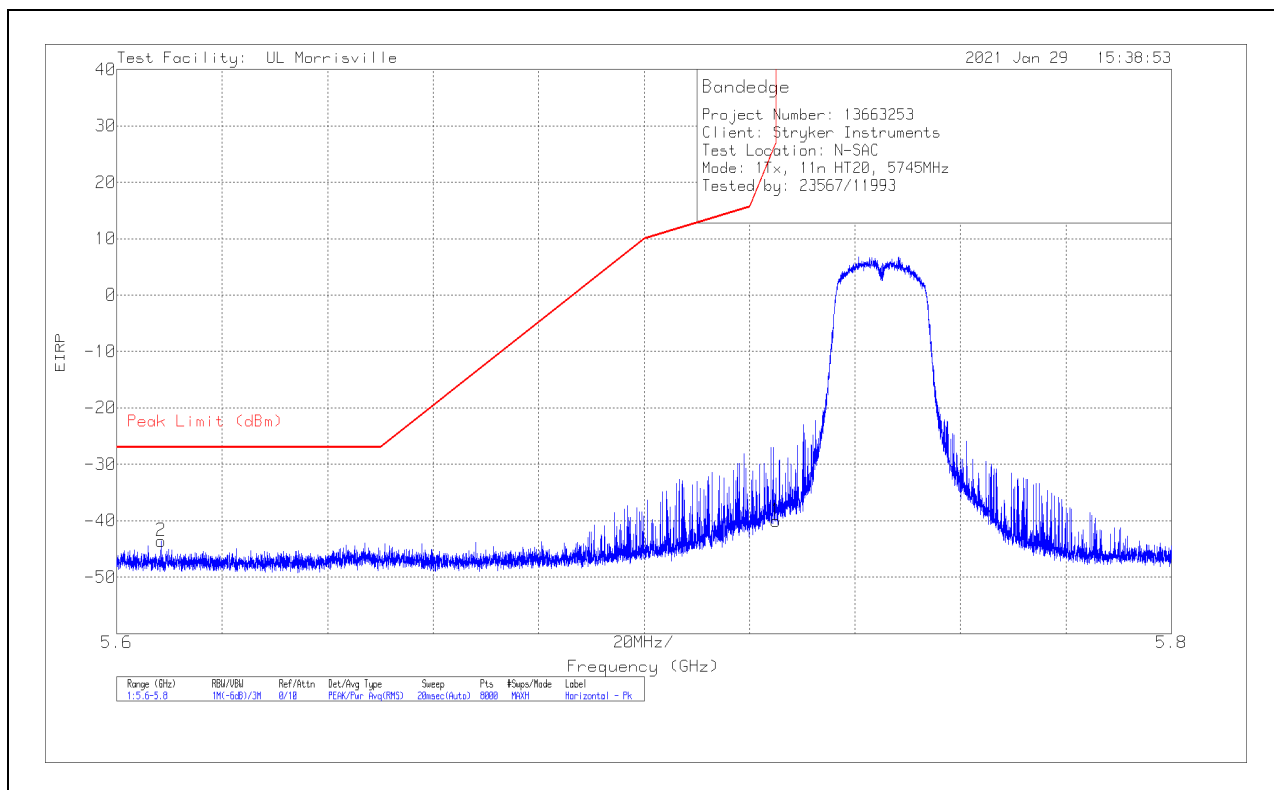
ADV - Linear Voltage Average

10.1.14. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

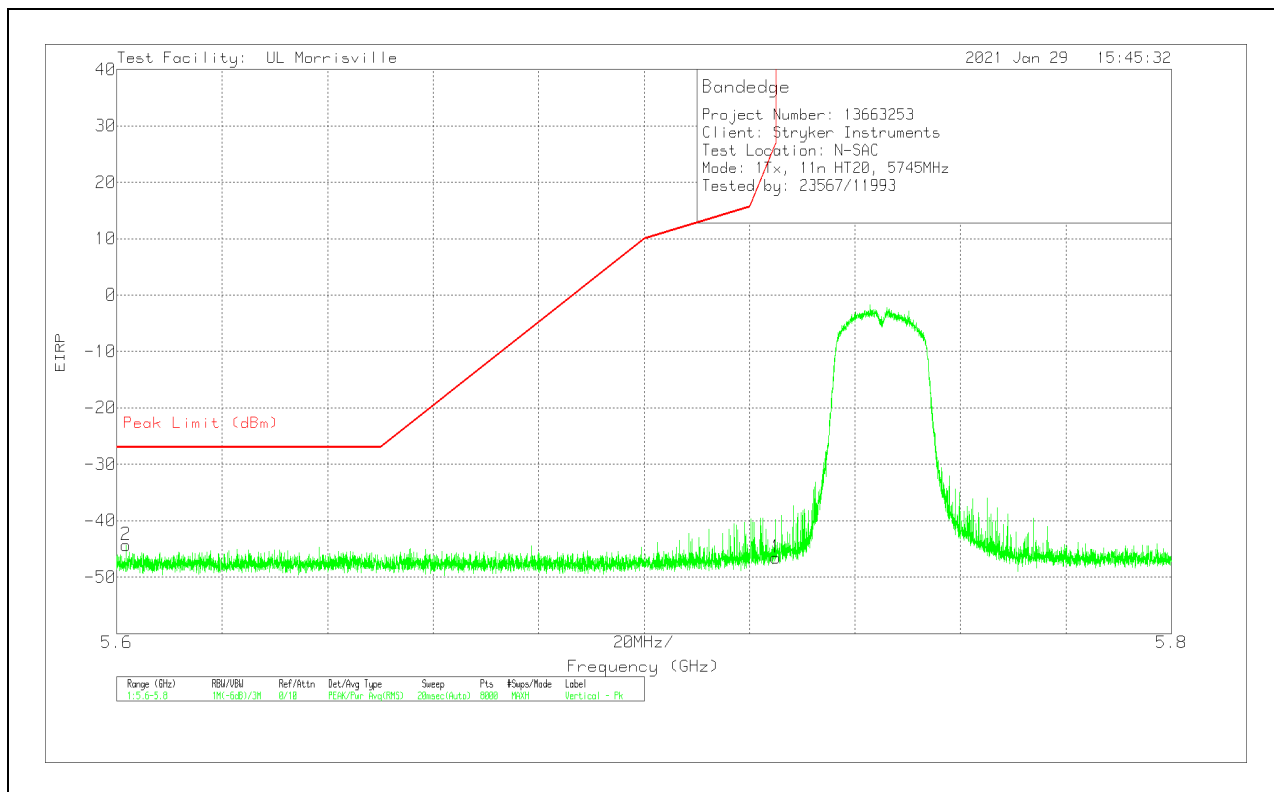
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.60838	-66.78	Pk	34.5	-23.1	11.8	-43.58	-27	-16.58	307	104	H
1	5.72499	-63.58	Pk	34.6	-22.9	11.8	-40.08	26.98	-67.06	307	104	H

Pk - Peak detector

VERTICAL RESULT

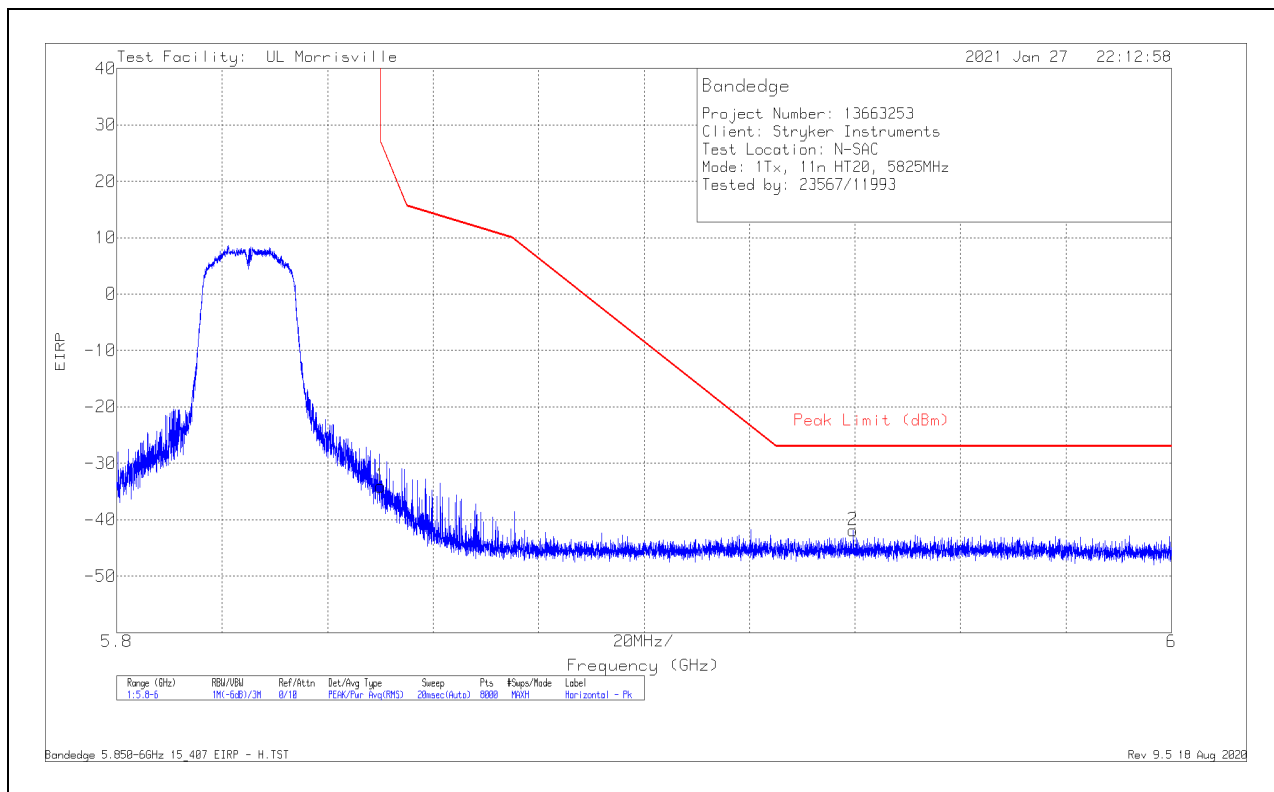


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.60175	-67.39	Pk	34.5	-23.2	11.8	-44.29	-27	-17.29	42	117	V
1	5.72499	-70	Pk	34.6	-22.9	11.8	-46.5	26.98	-73.48	42	117	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

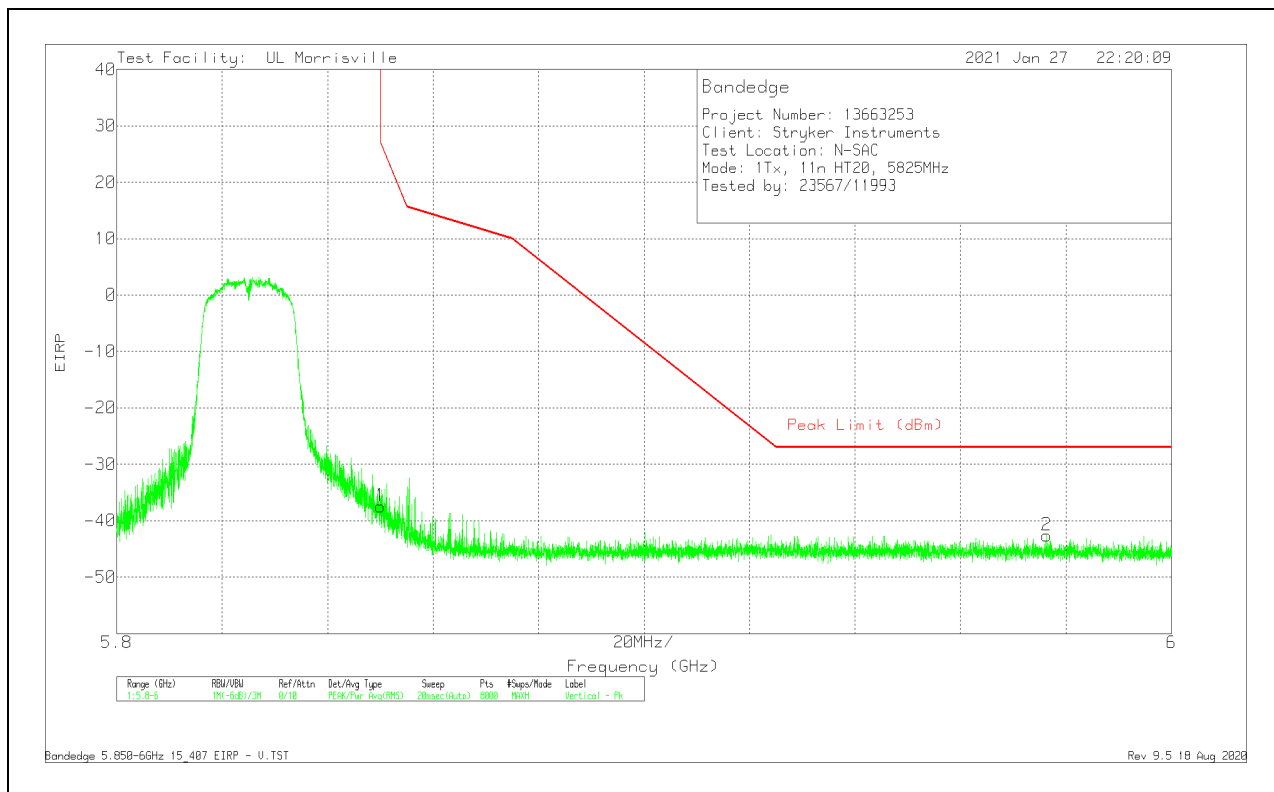
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB/(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-58.28	Pk	34.8	-22.4	11.8	-34.08	26.99	-61.07	291	110	H
2	5.93967	-66.72	Pk	35	-22	11.8	-41.92	-27	-14.92	291	110	H

Pk - Peak detector

VERTICAL RESULT

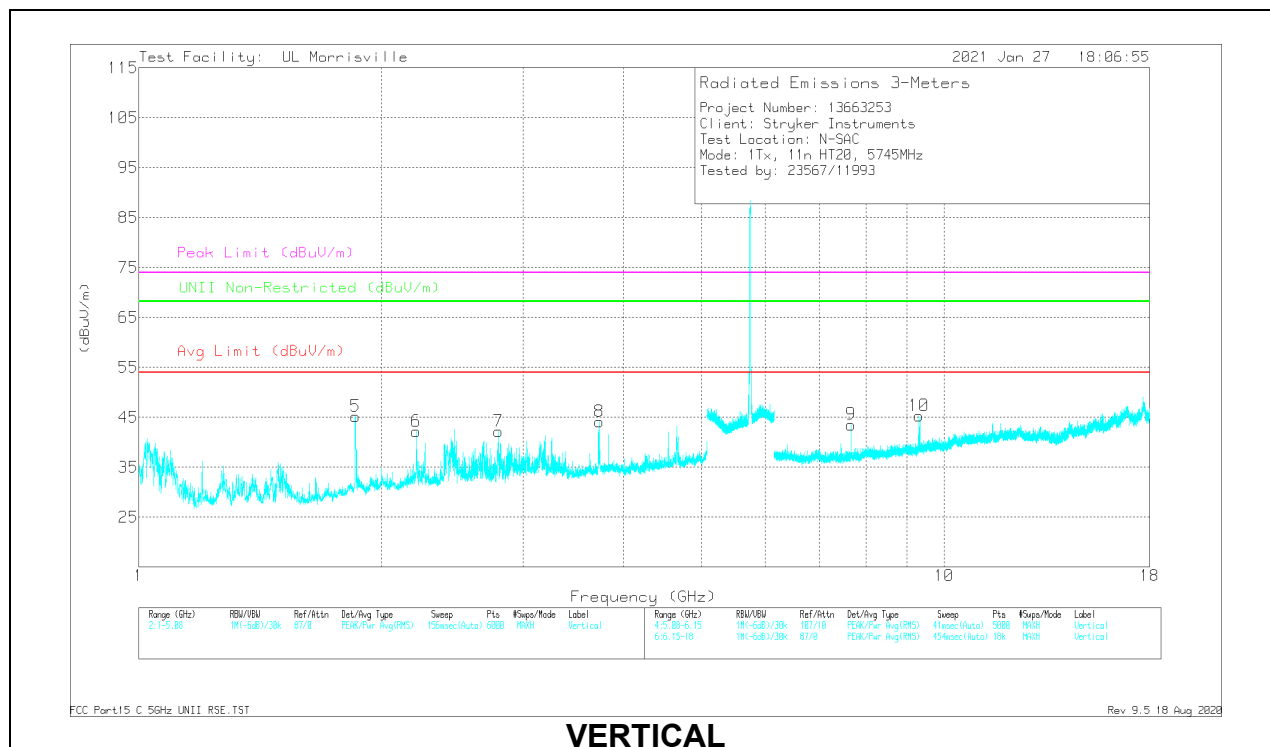
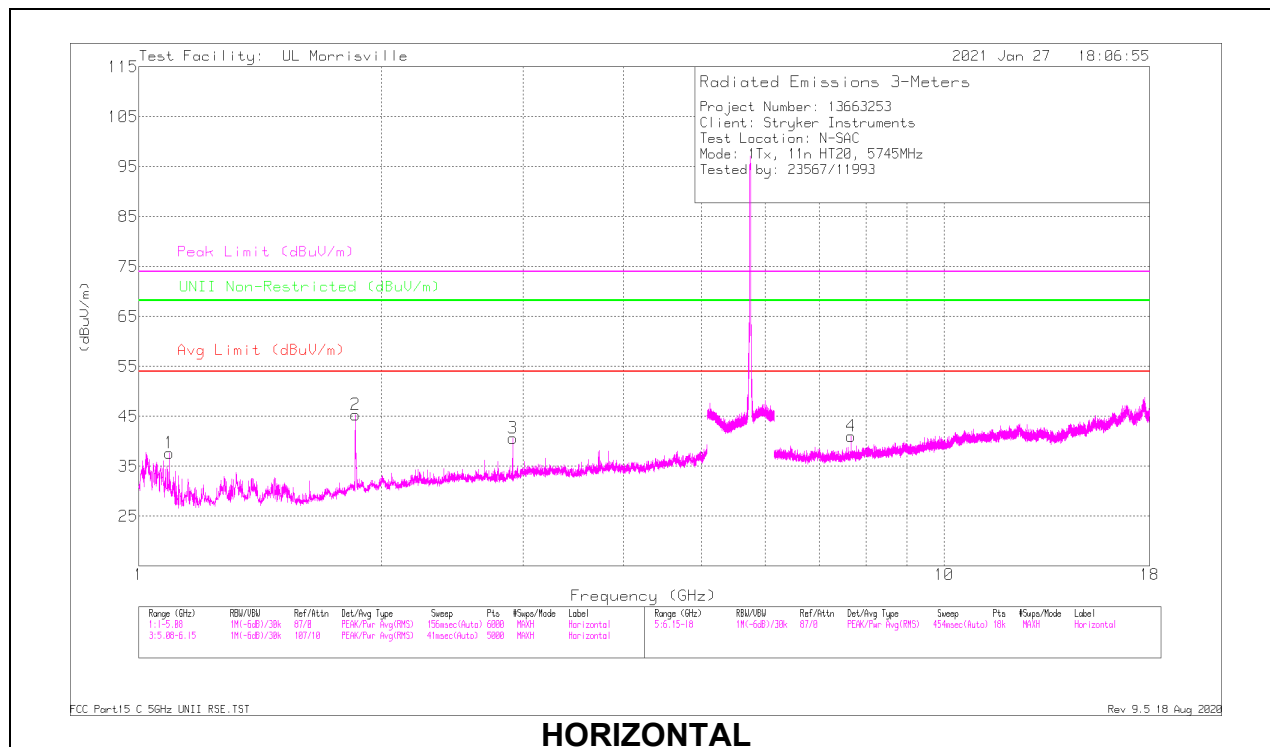


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-61.64	Pk	34.8	-22.4	11.8	-37.44	26.99	-64.43	9	120	V
2	5.9763	-67.47	Pk	35.1	-22	11.8	-42.57	-27	-15.57	9	120	V

Pk - Peak detector

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	* ** 1.08798	60.84	PK-U	27.9	-37.1	0	51.64	-	-	74	-22.36	-	-	252	104	H
	* ** 1.08881	32.62	ADV	27.9	-37.1	.45	23.87	54	-30.13	-	-	-	-	252	104	H
2	** 1.85642	58	PK-U	31	-35.4	0	53.6	-	-	74	-20.4	68.2	-14.6	295	197	H
	** 1.85847	29.92	ADV	30.9	-35.4	.45	25.87	54	-28.13	-	-	-	-	295	197	H
5	** 1.85971	52.92	PK-U	30.9	-35.4	0	48.42	-	-	74	-25.58	68.2	-19.78	251	131	V
	** 1.86041	29.64	ADV	30.9	-35.4	.45	25.59	54	-28.41	-	-	-	-	251	131	V
6	* ** 2.21248	52.03	PK-U	31.6	-34.6	0	49.03	-	-	74	-24.97	-	-	330	169	V
	* ** 2.21234	29.48	ADV	31.6	-34.6	.45	26.93	54	-27.07	-	-	-	-	330	169	V
7	* ** 2.79811	55.39	PK-U	32.2	-33.8	0	53.79	-	-	74	-20.21	-	-	292	266	V
	* ** 2.79695	30.48	ADV	32.1	-33.8	.45	29.23	54	-24.77	-	-	-	-	292	266	V
8	* ** 3.73088	55.11	PK-U	33.3	-33	0	55.41	-	-	74	-18.59	-	-	16	115	V
	* ** 3.73036	29.35	ADV	33.3	-33	.45	30.1	54	-23.9	-	-	-	-	16	115	V
4	* ** 7.66017	38.76	PK-U	35.8	-29.5	0	45.06	-	-	74	-28.94	-	-	146	264	H
	* ** 7.66003	27.17	ADV	35.8	-29.5	.45	33.92	54	-20.08	-	-	-	-	146	264	H
9	* ** 7.65994	41.94	PK-U	35.8	-29.5	0	48.24	-	-	74	-25.76	-	-	118	348	V
	* ** 7.66	34.35	ADV	35.8	-29.5	.45	41.1	54	-12.9	-	-	-	-	118	348	V
10	* ** 9.3149	50.91	PK-U	36.5	-28.6	0	58.81	-	-	74	-15.19	-	-	304	115	V
	* ** 9.31516	25.46	ADV	36.5	-28.6	.45	33.81	54	-20.19	-	-	-	-	304	115	V
3	2.9098	50.2	PK-U	32.5	-33.6	0	49.1	-	-	-	-	68.2	-19.1	58	104	H

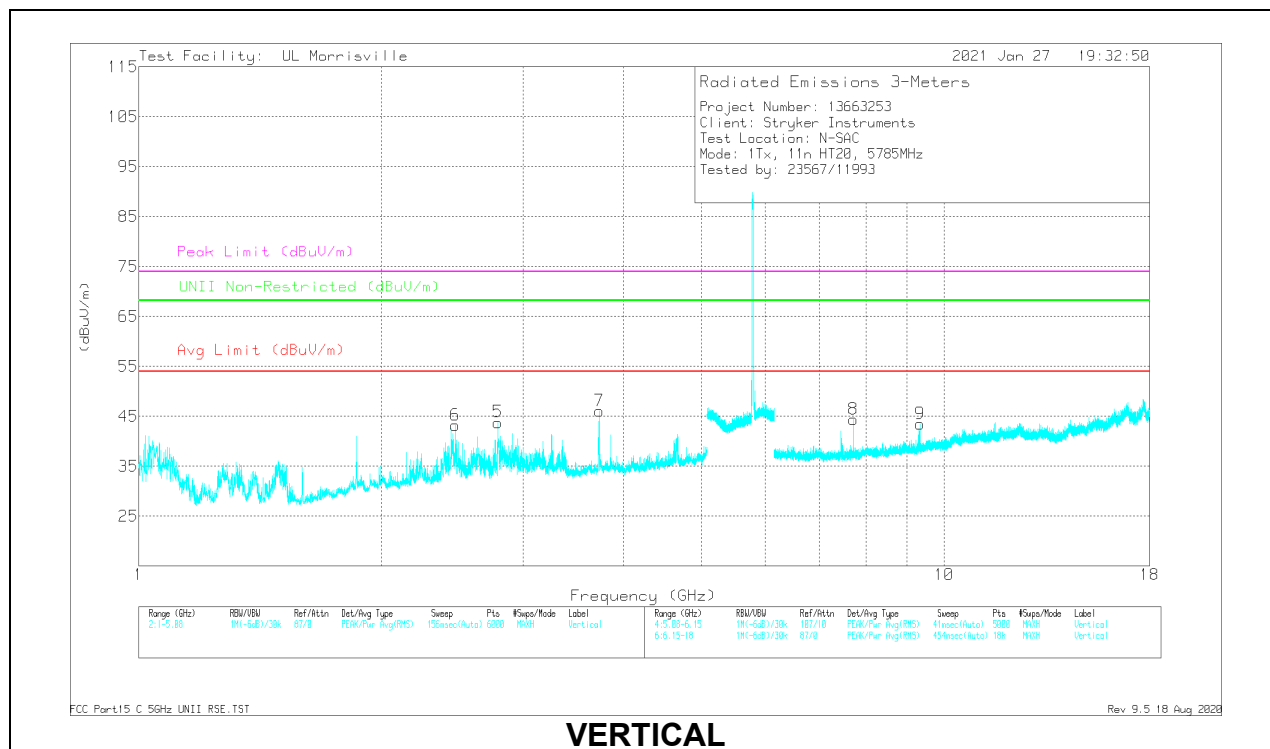
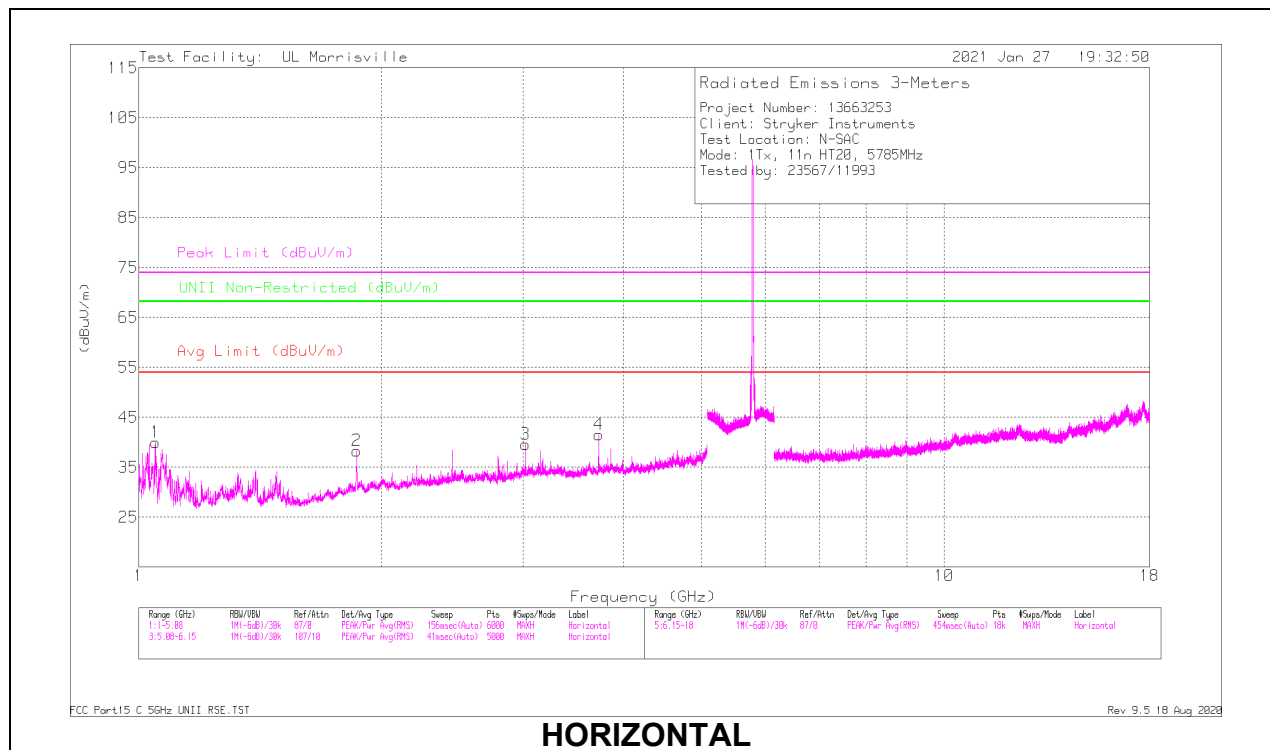
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



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	* ** 1.04863	62.34	PK-U	27.4	-37	0	52.74	-	-	74	-21.26	-	-	251	104	H
	* ** 1.04876	33.34	ADV	27.4	-37	.45	24.19	54	-29.81	-	-	-	-	251	104	H
2	** 1.86416	54.67	PK-U	30.9	-35.3	0	50.27	-	-	74	-23.73	68.2	-17.93	54	108	H
	** 1.86497	30.37	ADV	30.9	-35.3	.45	26.42	54	-27.58	-	-	-	-	54	108	H
4	* ** 3.72424	51.7	PK-U	33.2	-32.9	0	52	-	-	74	-22	-	-	221	104	H
	* ** 3.72557	28.78	ADV	33.3	-32.9	.45	29.63	54	-24.37	-	-	-	-	221	104	H
5	* ** 2.79229	57.38	PK-U	32.1	-33.8	0	55.68	-	-	74	-18.32	-	-	299	174	V
	* ** 2.79096	30.27	ADV	32.1	-33.8	.45	29.02	54	-24.98	-	-	-	-	299	174	V
7	* ** 3.72919	55.08	PK-U	33.3	-33	0	55.38	-	-	74	-18.62	-	-	15	106	V
	* ** 3.72919	29.2	ADV	33.3	-33	.45	29.95	54	-24.05	-	-	-	-	15	106	V
8	* ** 7.7134	43.3	PK-U	35.9	-29.4	0	49.8	-	-	74	-24.2	-	-	131	306	V
	* ** 7.71339	37.73	ADV	35.9	-29.4	.45	44.68	54	-9.32	-	-	-	-	131	306	V
9	* ** 9.33306	51.72	PK-U	36.6	-28.7	0	59.62	-	-	74	-14.38	-	-	303	108	V
	* ** 9.33221	25.36	ADV	36.6	-28.7	.45	33.71	54	-20.29	-	-	-	-	303	108	V
6	2.47252	55.38	PK-U	32.3	-34.1	0	53.58	-	-	-	-	68.2	-14.62	327	116	V
3	3.02403	46.68	PK-U	33.1	-32.8	0	46.98	-	-	-	-	68.2	-21.22	132	135	H

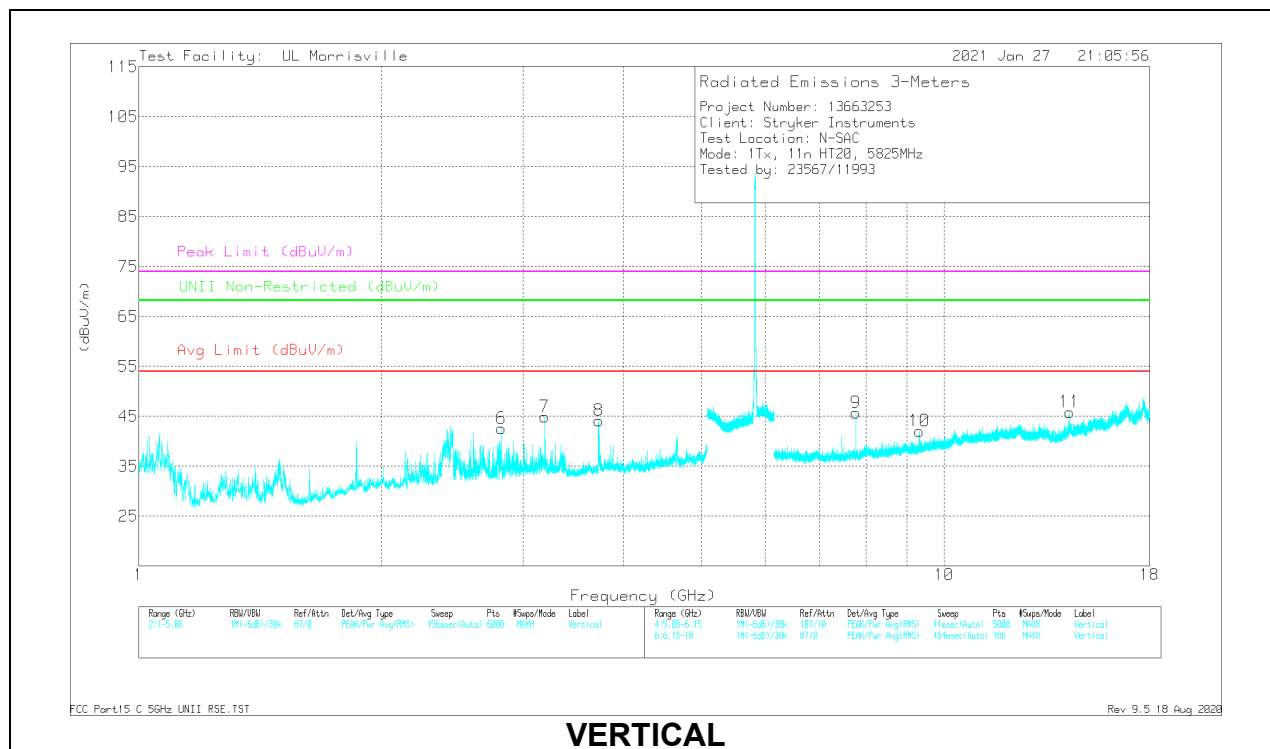
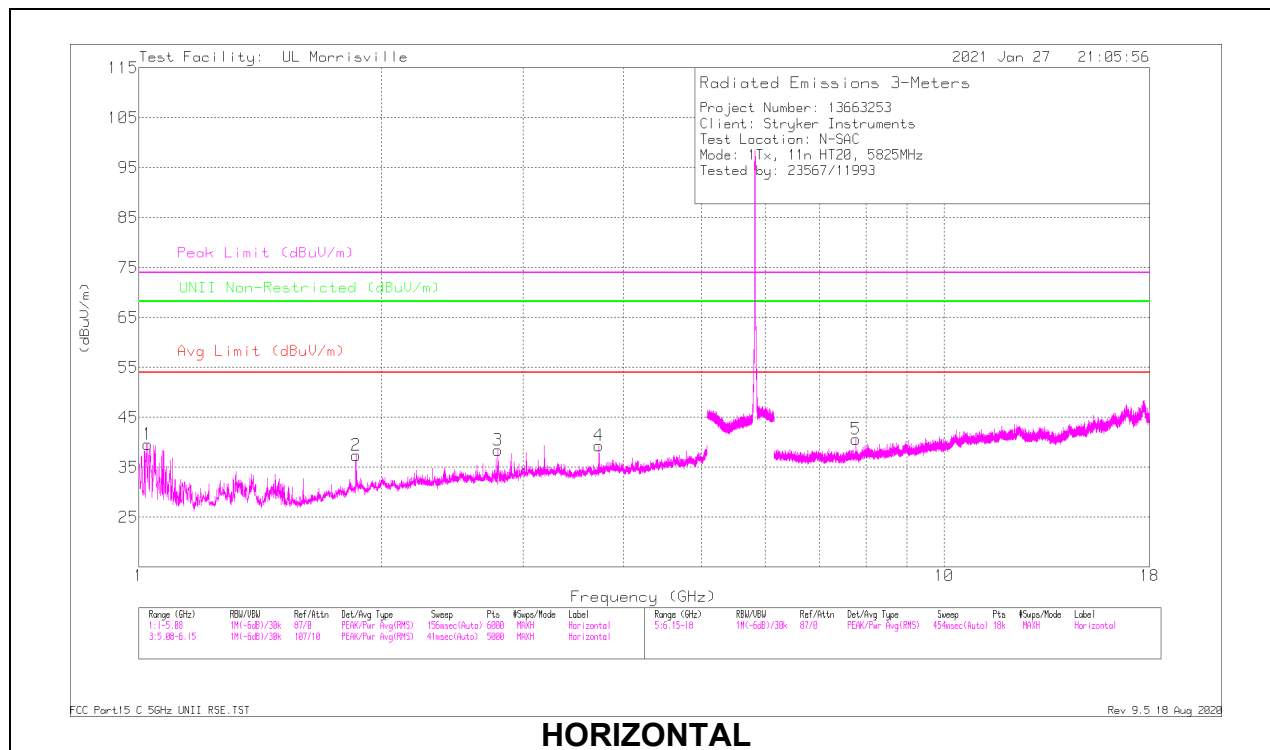
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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
1	* ** 1.02908	54.2	PK-U	27.4	-37.1	0	44.5	-	-	74	-29.5	-	-	252	278	H
	* ** 1.02698	32.28	ADV	27.4	-37.1	.45	23.03	54	-30.97	-	-	-	-	252	278	H
2	** 1.86087	54.44	PK-U	30.9	-35.4	0	49.94	-	-	74	-24.06	68.2	-18.26	172	223	H
	** 1.86139	29.95	ADV	30.8	-35.3	.45	25.9	54	-28.1	-	-	-	-	172	223	H
3	* ** 2.79274	49.52	PK-U	32.1	-33.8	0	47.82	-	-	74	-26.18	-	-	255	244	H
	* ** 2.79041	28.83	ADV	32.1	-33.8	.45	27.58	54	-26.42	-	-	-	-	255	244	H
4	* ** 3.72399	51.74	PK-U	33.2	-32.9	0	52.04	-	-	74	-21.96	-	-	220	136	H
	* ** 3.72527	28.64	ADV	33.2	-32.9	.45	29.39	54	-24.61	-	-	-	-	220	136	H
6	* ** 2.82313	52.06	PK-U	32.1	-33.9	0	50.26	-	-	74	-23.74	-	-	288	182	V
	* ** 2.8213	29.34	ADV	32.1	-33.9	.45	27.99	54	-26.01	-	-	-	-	288	182	V
8	* ** 3.72629	54.96	PK-U	33.3	-32.9	0	55.36	-	-	74	-18.64	-	-	15	108	V
	* ** 3.72809	29.19	ADV	33.3	-33	.45	29.94	54	-24.06	-	-	-	-	15	108	V
10	* ** 9.32664	44.73	PK-U	36.6	-28.7	0	52.63	-	-	74	-21.37	-	-	186	192	V
	* ** 9.32681	25.28	ADV	36.6	-28.7	.45	33.63	54	-20.37	-	-	-	-	186	192	V
7	3.19102	61.55	PK-U	33.1	-33.6	0	61.05	-	-	-	-	68.2	-7.15	354	106	V
5	7.76643	40.04	PK-U	35.9	-29.3	0	46.64	-	-	-	-	68.2	-21.56	112	141	H
9	7.76665	42.54	PK-U	35.9	-29.3	0	49.14	-	-	-	-	68.2	-19.06	342	137	V
11	14.31339	37.62	PK-U	39	-26.3	0	50.32	-	-	-	-	68.2	-17.88	149	148	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

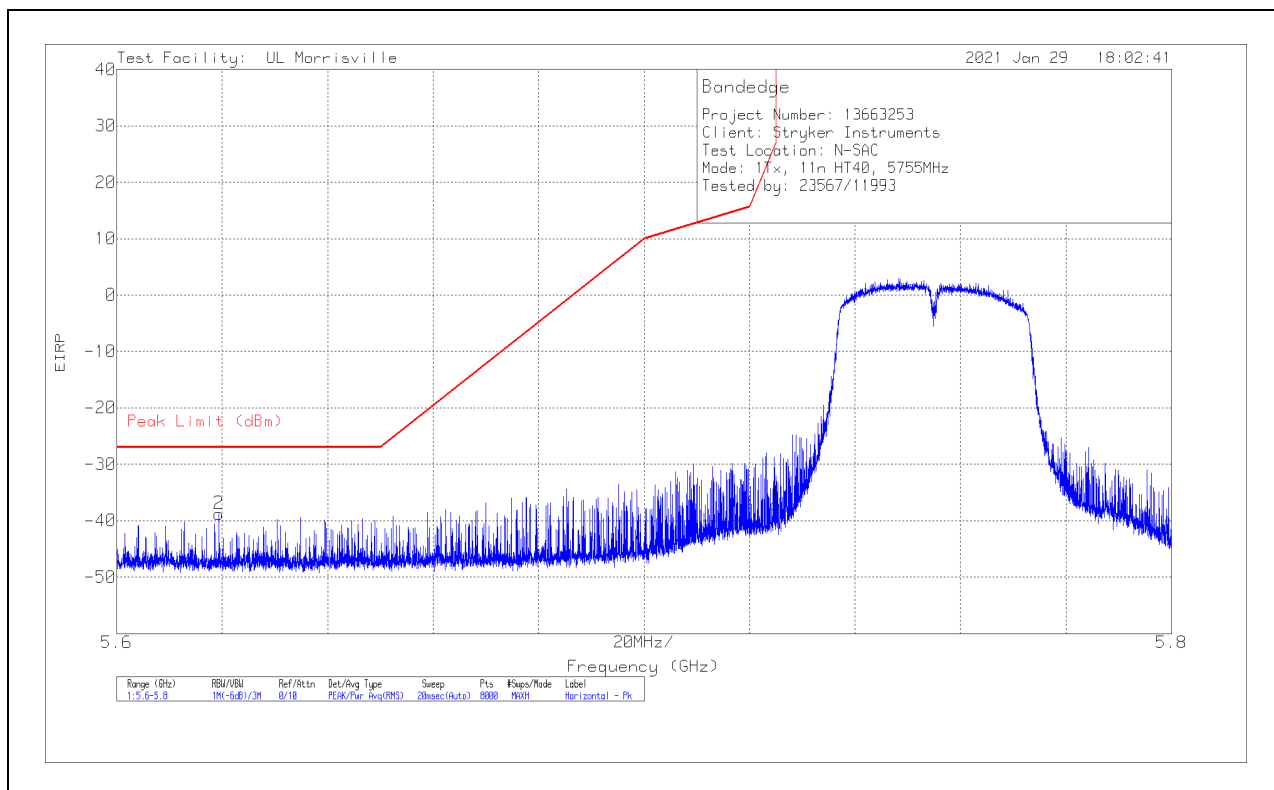
ADV - Linear Voltage Average

10.1.15. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

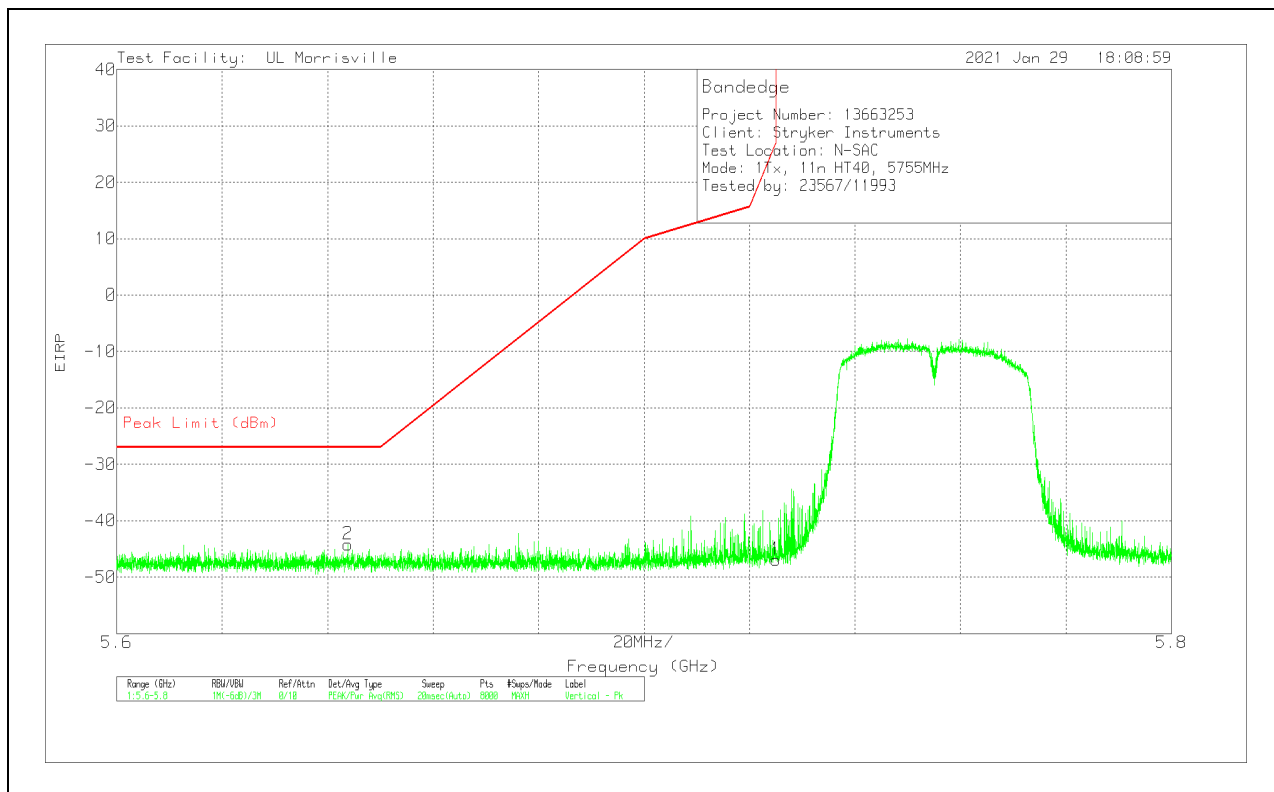
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.61935	-62.05	Pk	34.5	-23.1	11.8	-38.85	-27	-11.85	303	104	H
1	5.72499	-60.62	Pk	34.6	-22.9	11.8	-37.12	26.98	-64.1	303	104	H

Pk - Peak detector

VERTICAL RESULT

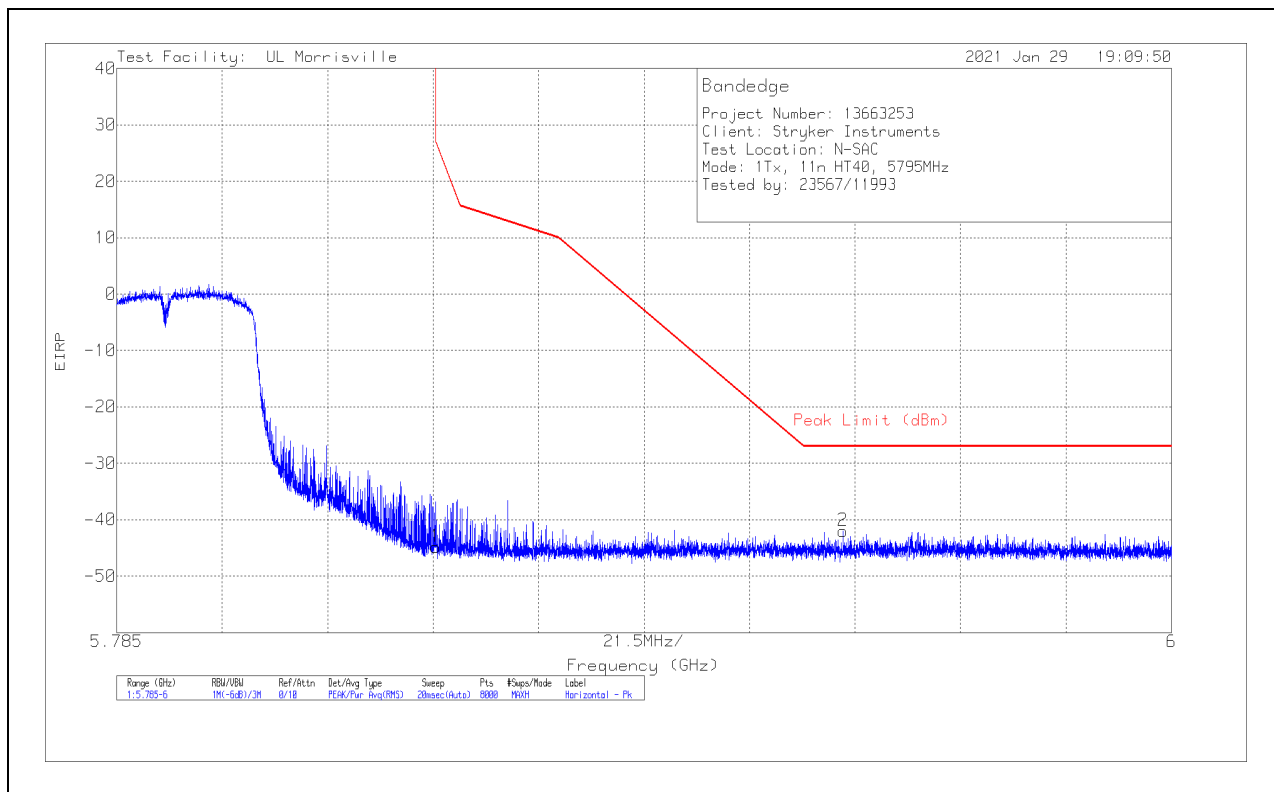


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64388	-67.66	Pk	34.7	-23	11.8	-44.16	-27	-17.16	156	155	V
1	5.72499	-70.42	Pk	34.6	-22.9	11.8	-46.92	26.98	-73.9	156	155	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

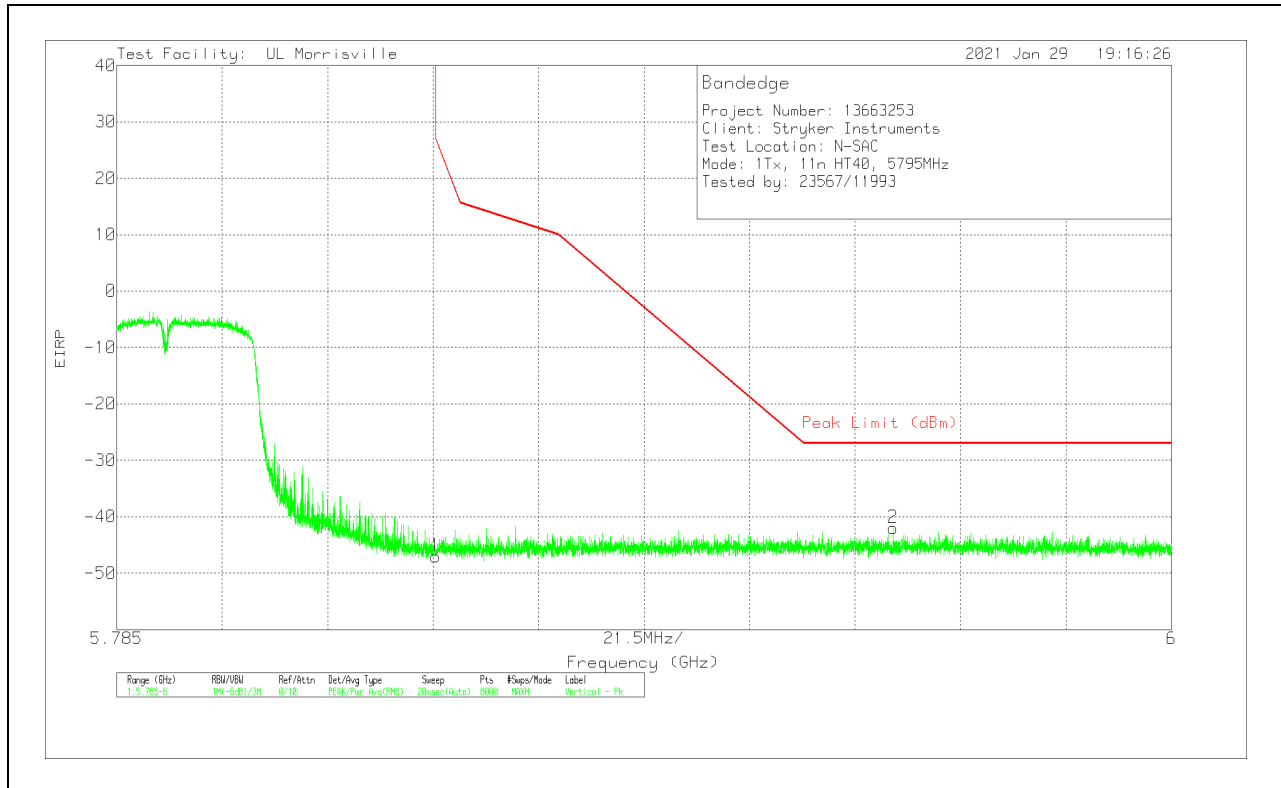
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB/(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-69.02	Pk	34.8	-22.4	11.8	-44.82	26.96	-71.78	186	190	H
2	5.93302	-66.72	Pk	35	-22.1	11.8	-42.02	-27	-15.02	186	190	H

Pk - Peak detector

VERTICAL RESULT

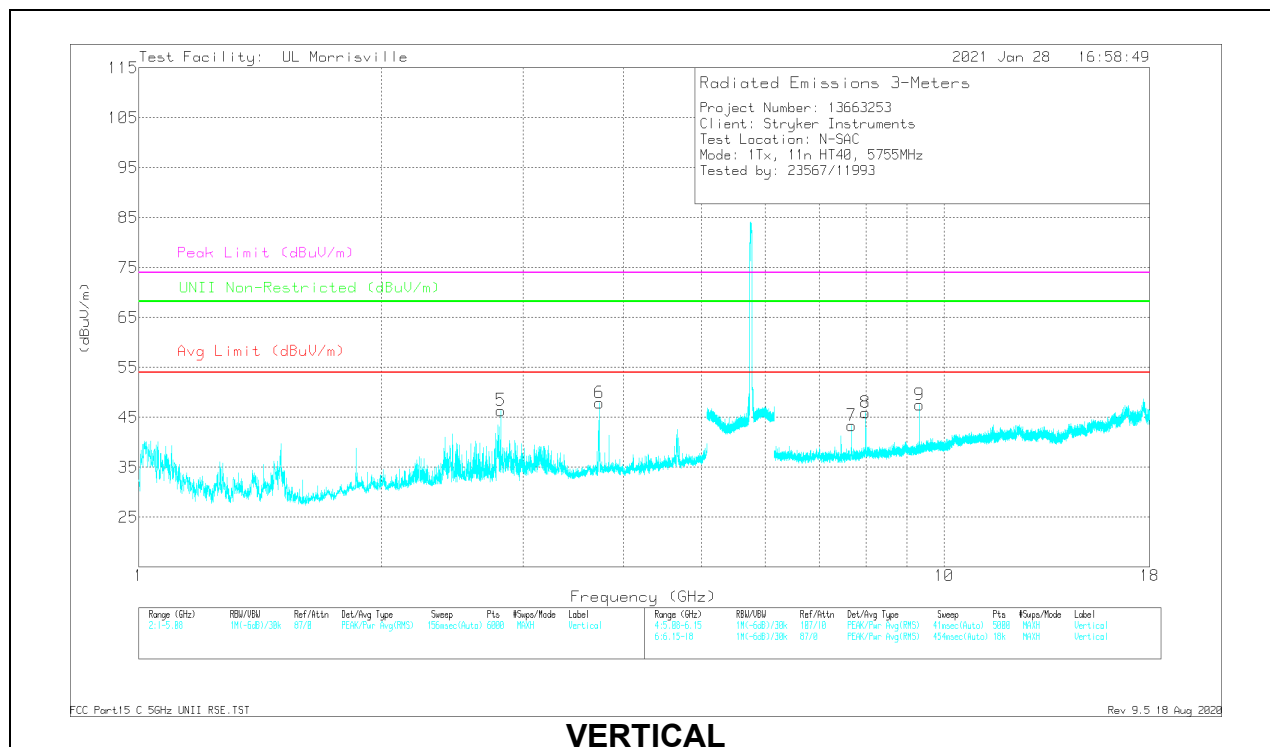
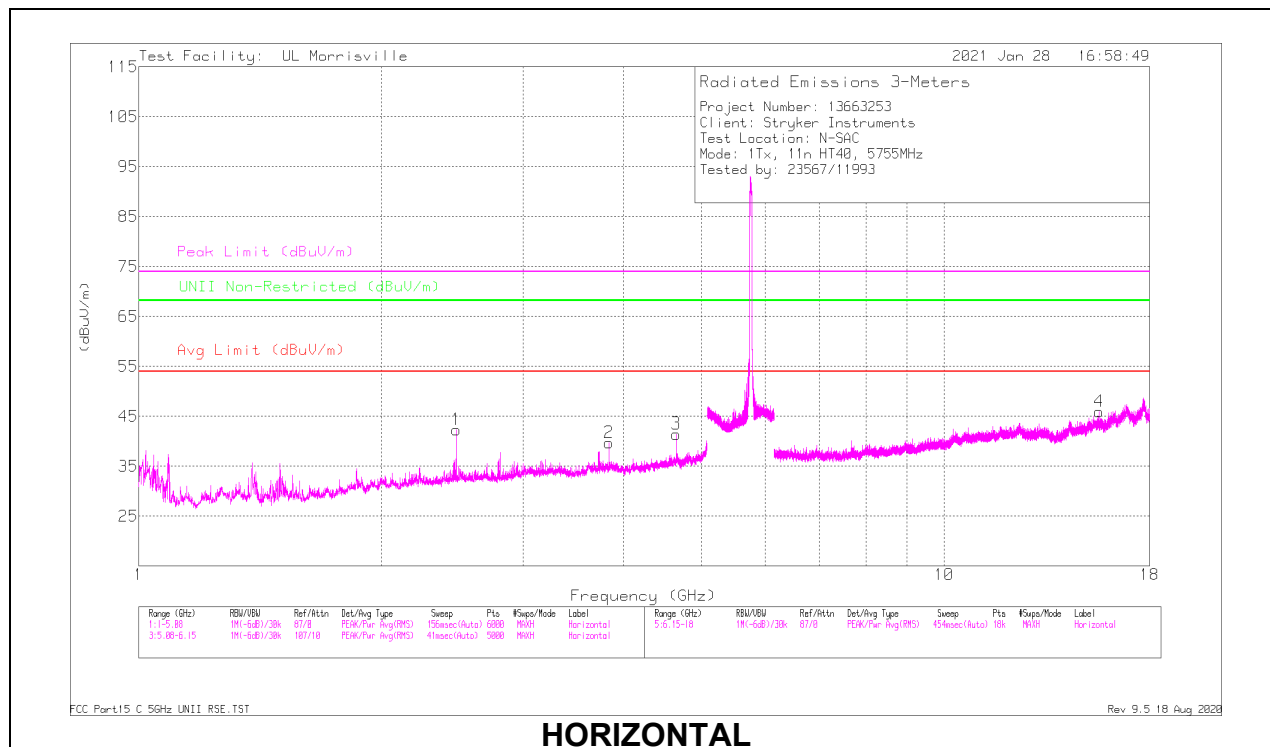


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-71.29	Pk	34.8	-22.4	11.8	-47.09	26.96	-74.05	135	164	V
2	5.94326	-66.85	Pk	35	-22	11.8	-42.05	-27	-15.05	135	164	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/Ftr/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	*** 3.83678	43.01	PK-U	33.6	-32.7	0	43.91	-	-	74	-30.09	-	-	0	259	H
	*** 3.8366	32.82	ADV	33.6	-32.7	1.17	34.89	54	-19.11	-	-	-	-	0	259	H
3	*** 4.6516	41.67	PK-U	34.2	-31.3	0	44.57	-	-	74	-29.43	-	-	232	385	H
	*** 4.65208	27.87	ADV	34.2	-31.4	1.17	31.84	54	-22.16	-	-	-	-	232	385	H
5	*** 2.81355	54.28	PK-U	32.1	-33.9	0	52.48	-	-	74	-21.52	-	-	302	353	V
	*** 2.81479	29.41	ADV	32.1	-33.9	1.17	28.78	54	-25.22	-	-	-	-	302	353	V
6	*** 3.73328	56.29	PK-U	33.3	-33	0	56.59	-	-	74	-17.41	-	-	5	102	V
	*** 3.733	29.42	ADV	33.3	-33	1.17	30.89	54	-23.11	-	-	-	-	5	102	V
4	*** 15.57405	37.11	PK-U	40.2	-26.5	0	50.81	-	-	74	-23.19	-	-	109	373	H
	*** 15.57365	23.93	ADV	40.2	-26.5	1.17	38.8	54	-15.2	-	-	-	-	109	373	H
7	*** 7.6733	43.26	PK-U	35.8	-29.4	0	49.66	-	-	74	-24.34	-	-	132	272	V
	*** 7.67332	36.85	ADV	35.8	-29.4	1.17	44.42	54	-9.58	-	-	-	-	132	272	V
9	*** 9.3269	52.02	PK-U	36.6	-28.7	0	59.92	-	-	74	-14.08	-	-	306	105	V
	*** 9.32833	25.53	ADV	36.6	-28.7	1.17	34.6	54	-19.4	-	-	-	-	306	105	V
1	2.47695	45.64	PK-U	32.3	-34.1	0	43.84	-	-	-	-	68.2	-24.36	182	199	H
8	7.98459	47.17	PK-U	35.9	-28.5	0	54.57	-	-	-	-	68.2	-13.63	140	121	V

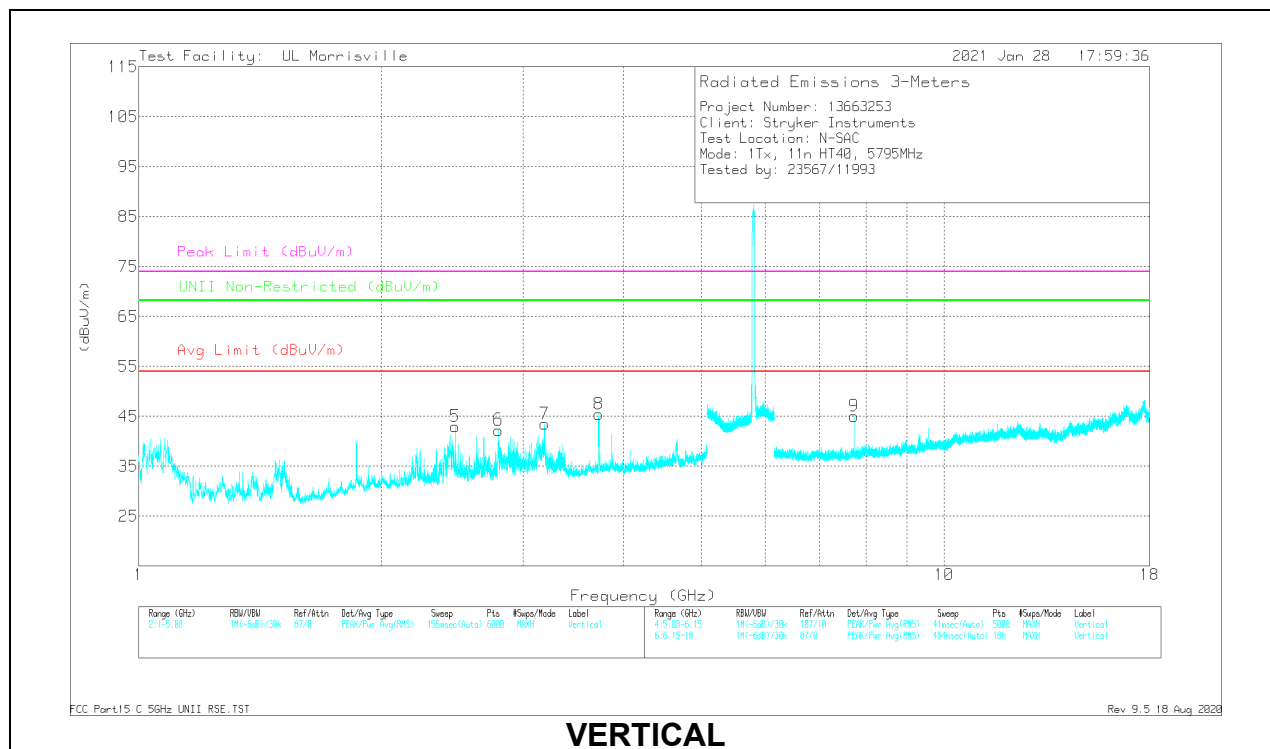
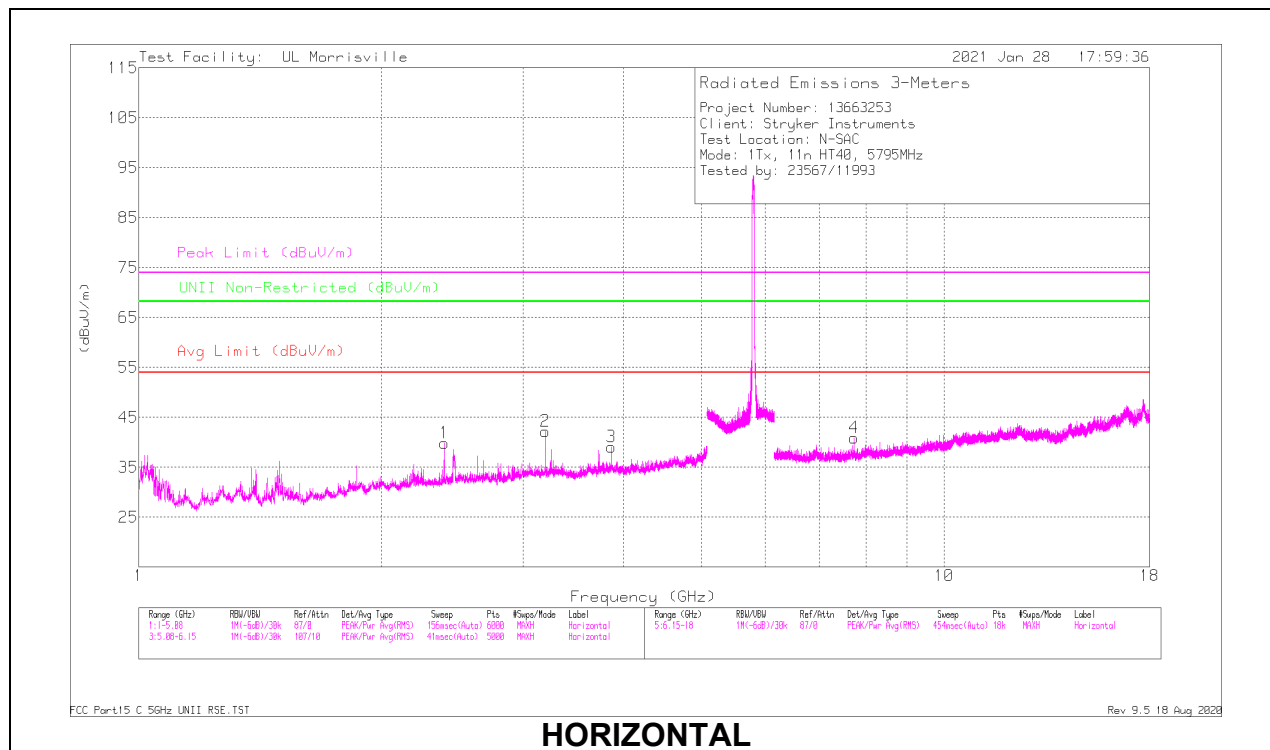
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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	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	* ** 3.86341	44.54	PK-U	33.6	-32.5	0	45.64	-	-	74	-28.36	-	-	1	108	H
	* ** 3.86337	36.47	ADV	33.6	-32.5	1.17	38.74	54	-15.26	-	-	-	-	1	108	H
6	* ** 2.79649	58.28	PK-U	32.1	-33.8	0	56.58	-	-	74	-17.42	-	-	306	117	V
	* ** 2.79838	30.66	ADV	32.2	-33.8	1.17	30.23	54	-23.77	-	-	-	-	306	117	V
8	* ** 3.72587	56.65	PK-U	33.3	-32.9	0	57.05	-	-	74	-16.95	-	-	5	106	V
	* ** 3.72618	29.18	ADV	33.3	-32.9	1.17	30.75	54	-23.25	-	-	-	-	5	106	V
4	* ** 7.72676	40.73	PK-U	35.8	-29.3	0	47.23	-	-	74	-26.77	-	-	173	238	H
	* ** 7.72666	32.02	ADV	35.8	-29.3	1.17	39.69	54	-14.31	-	-	-	-	173	238	H
9	* ** 7.72664	42.89	PK-U	35.8	-29.3	0	49.39	-	-	74	-24.61	-	-	129	203	V
	* ** 7.72667	37.31	ADV	35.8	-29.3	1.17	44.98	54	-9.02	-	-	-	-	129	203	V
1	2.3948	50.28	PK-U	31.8	-34.1	0	47.98	-	-	-	-	68.2	-20.22	234	193	H
5	2.4743	55.79	PK-U	32.3	-34.1	0	53.99	-	-	-	-	68.2	-14.21	315	178	V
2	3.19535	55.56	PK-U	33.1	-33.6	0	55.06	-	-	-	-	68.2	-13.14	41	129	H
7	3.19761	59.76	PK-U	33.1	-33.6	0	59.26	-	-	-	-	68.2	-8.94	6	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

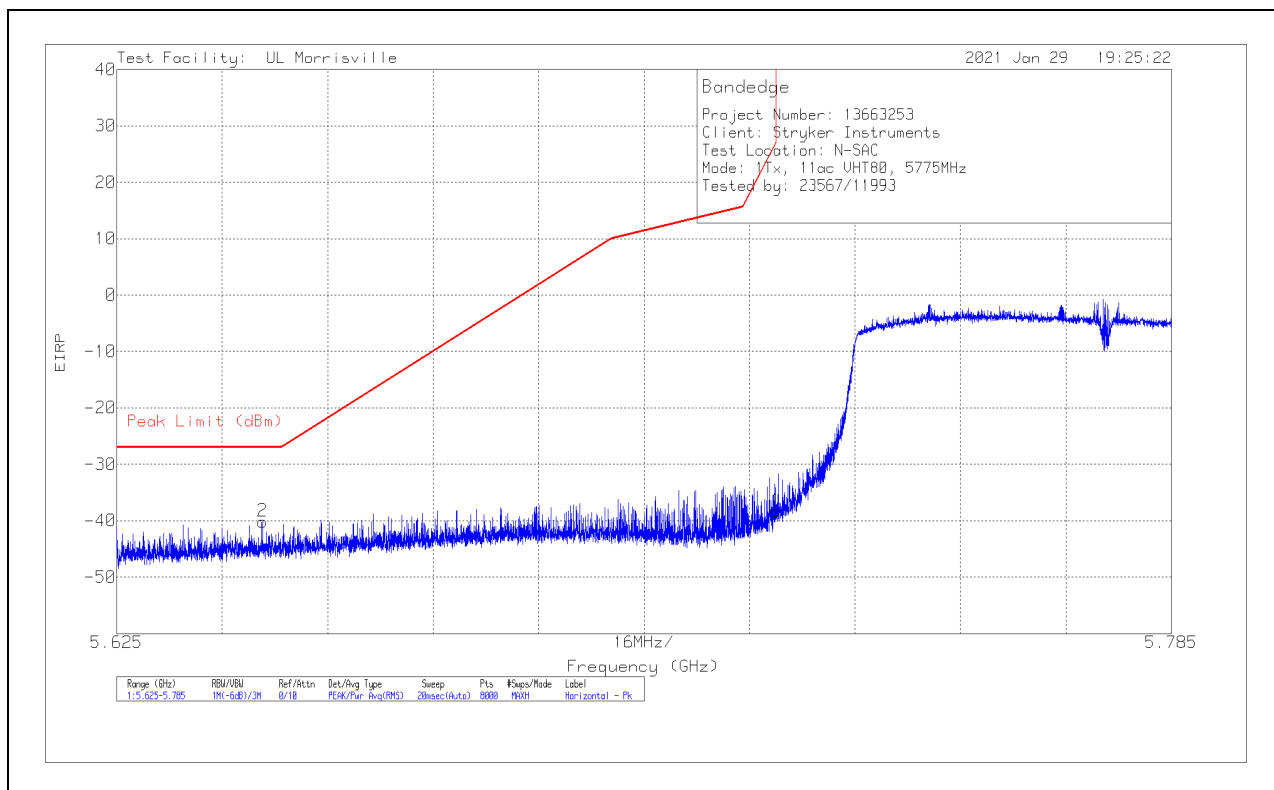
ADV - Linear Voltage Average

10.1.16. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

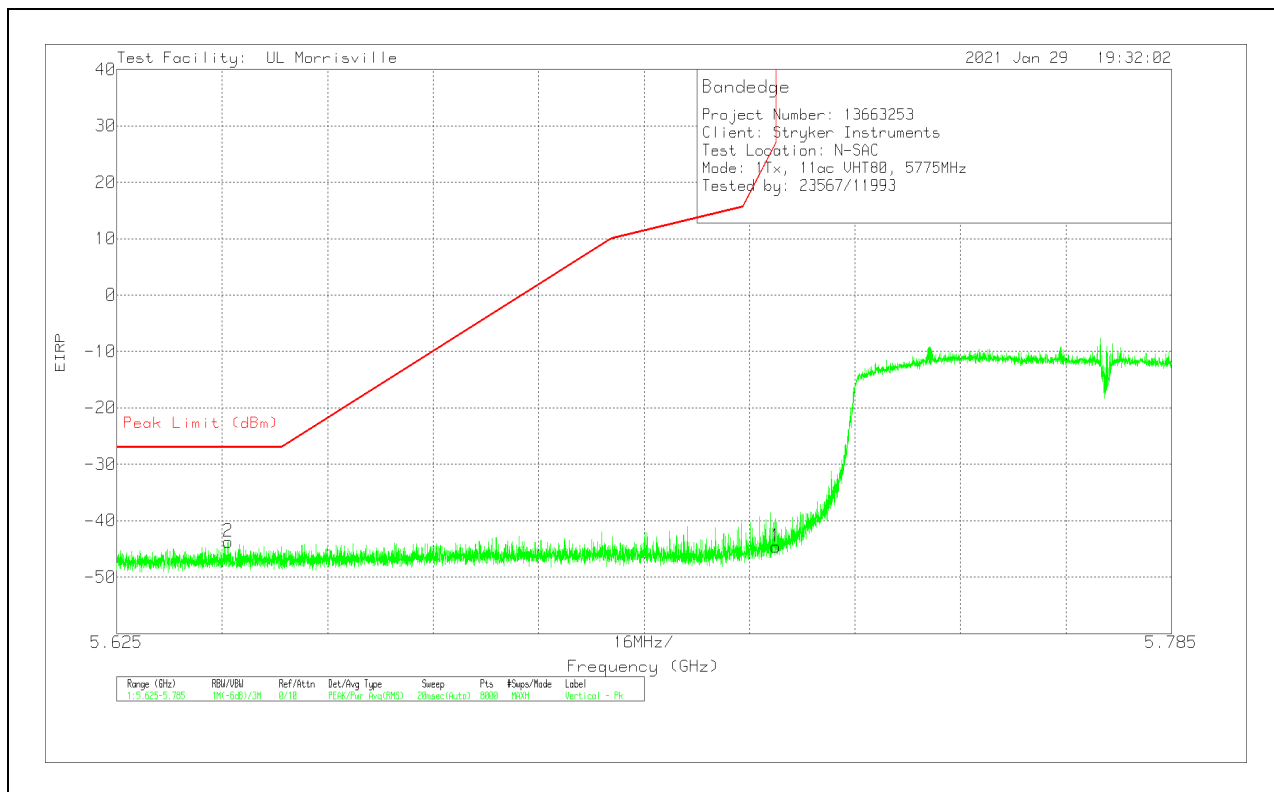
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB/(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64712	-63.58	Pk	34.6	-23	11.8	-40.18	-27	-13.18	334	104	H
1	5.725	-61.77	Pk	34.6	-22.9	11.8	-38.27	26.99	-65.26	334	104	H

Pk - Peak detector

VERTICAL RESULT

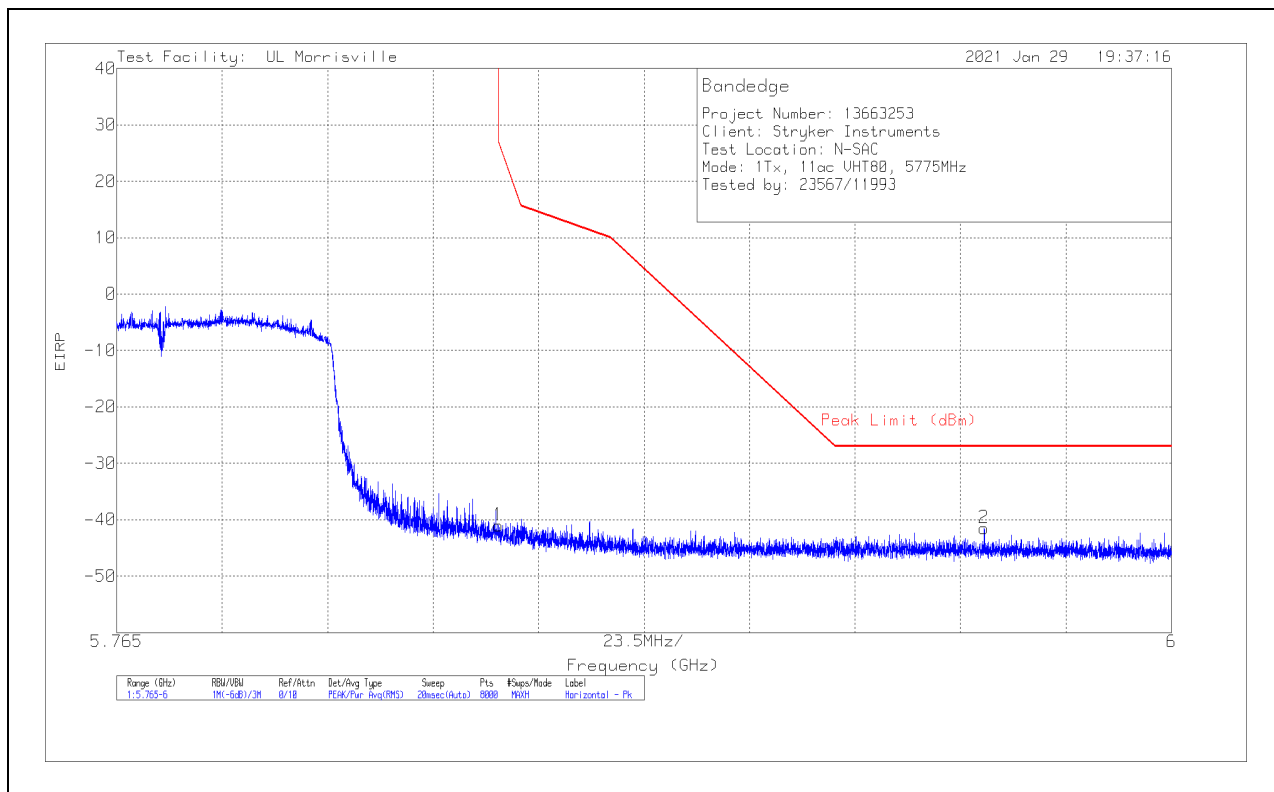


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64188	-67.12	Pk	34.6	-23	11.8	-43.72	-27	-16.72	172	104	V
1	5.725	-68.09	Pk	34.6	-22.9	11.8	-44.59	26.99	-71.58	172	104	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

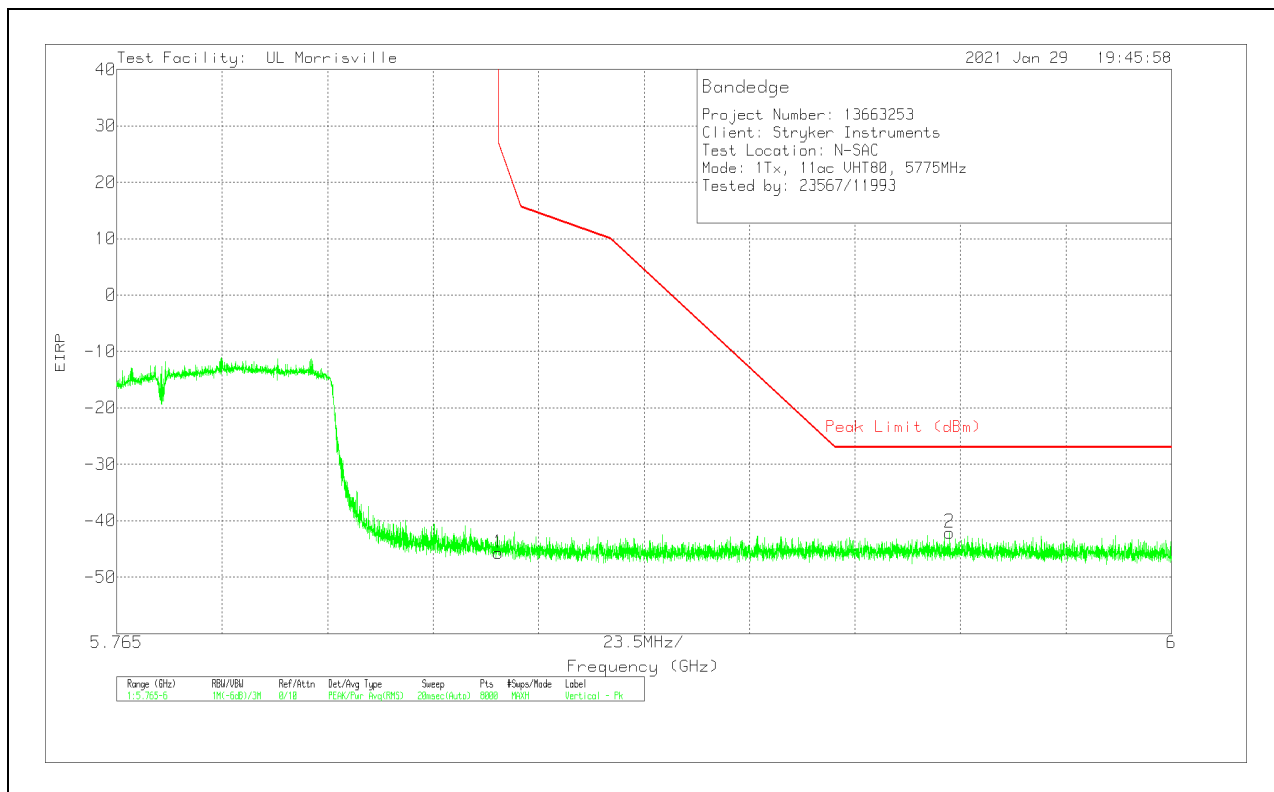
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB/(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-65.22	Pk	34.8	-22.4	11.8	-41.02	26.95	-67.97	304	351	H
2	5.95828	-66.29	Pk	35	-22	11.8	-41.49	-27	-14.49	304	351	H

Pk - Peak detector

VERTICAL RESULT

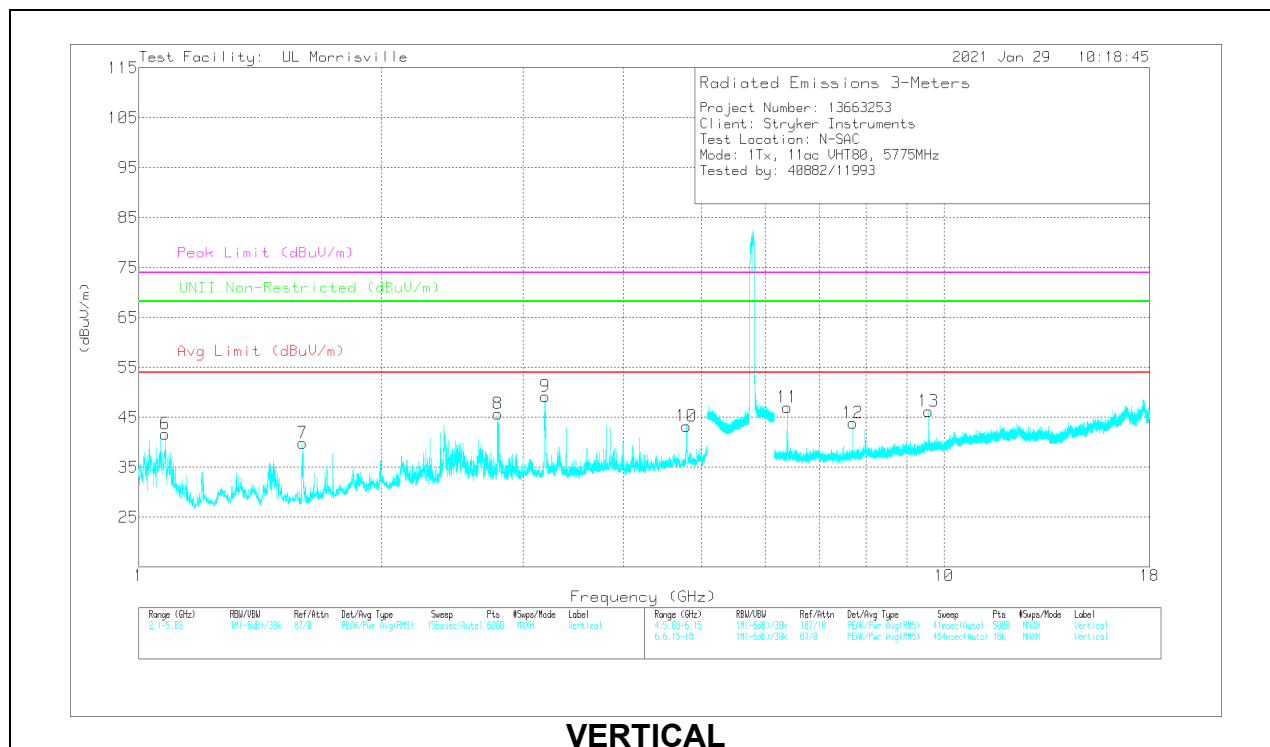
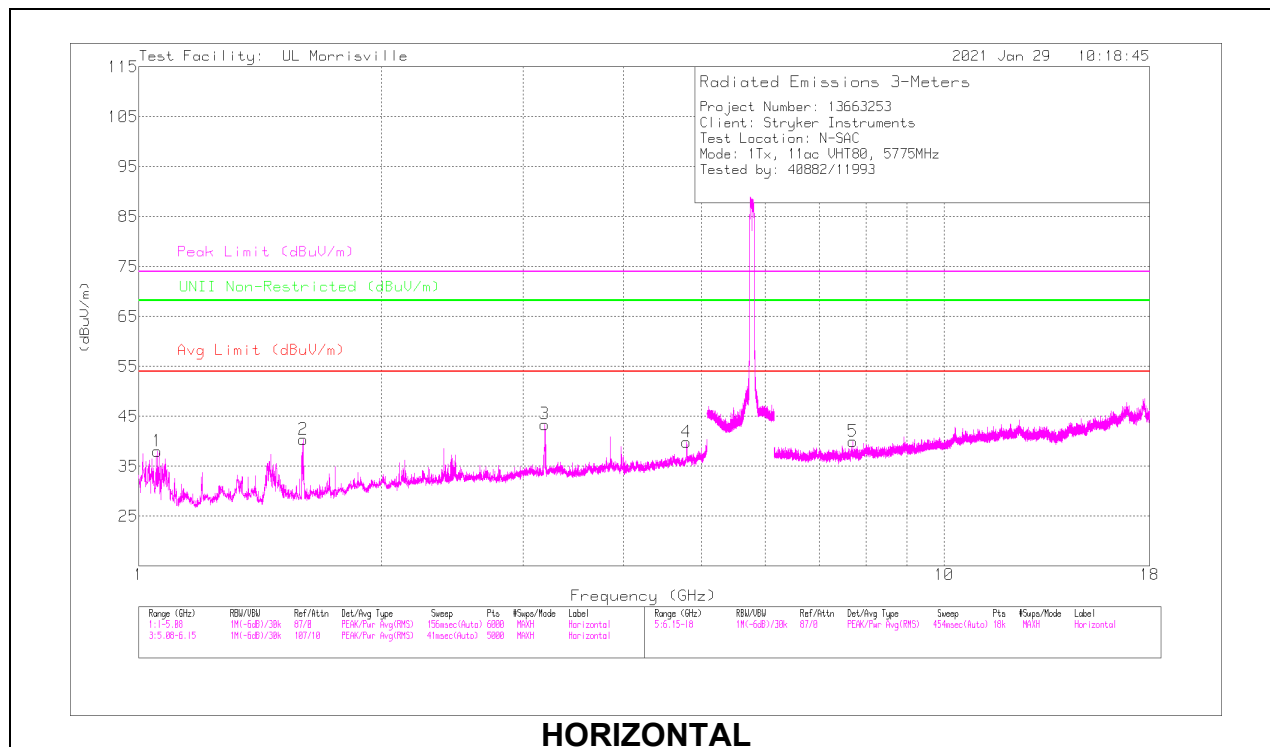


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 dB(m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-69.94	Pk	34.8	-22.4	11.8	-45.74	26.95	-72.69	261	371	V
2	5.95053	-66.87	Pk	35	-22	11.8	-42.07	-27	-15.07	261	371	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 dB(/m)	Amp/Cbl/ Ftr/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	* ** 1.05452	53.4	PK-U	27.3	-37	0	43.7	-	-	74	-30.3	-	-	254	299	H
	* ** 1.05407	31.18	ADV	27.3	-37	1.82	23.3	54	-30.7	-	-	-	-	254	299	H
2	* ** 1.59913	57.82	PK-U	27.8	-35.7	0	49.92	-	-	74	-24.08	-	-	232	137	H
	* ** 1.59914	32.19	ADV	27.8	-35.7	1.82	26.11	54	-27.89	-	-	-	-	232	137	H
4	* ** 4.78958	49.69	PK-U	34.1	-30.9	0	52.89	-	-	74	-21.11	-	-	244	170	H
	* ** 4.78796	27.85	ADV	34.2	-31	1.82	32.87	54	-21.13	-	-	-	-	244	170	H
6	* ** 1.07822	62.75	PK-U	27.7	-37.1	0	53.35	-	-	74	-20.65	-	-	281	175	V
	* ** 1.07751	33.97	ADV	27.7	-37	1.82	26.49	54	-27.51	-	-	-	-	281	175	V
7	* ** 1.59819	57.3	PK-U	27.8	-35.7	0	49.4	-	-	74	-24.6	-	-	173	174	V
	* ** 1.59924	31.42	ADV	27.8	-35.7	1.82	25.34	54	-28.66	-	-	-	-	173	174	V
8	* ** 2.79277	55.19	PK-U	32.1	-33.8	0	53.49	-	-	74	-20.51	-	-	302	284	V
	* ** 2.79292	29.82	ADV	32.1	-33.8	1.82	29.94	54	-24.06	-	-	-	-	302	284	V
10	* ** 4.78544	54.54	PK-U	34.1	-31.1	0	57.54	-	-	74	-16.46	-	-	258	105	V
	* ** 4.78469	28.36	ADV	34.1	-31.1	1.82	33.18	54	-20.82	-	-	-	-	258	105	V
5	* ** 7.69972	39.89	PK-U	35.9	-29.4	0	46.39	-	-	74	-27.61	-	-	315	246	H
	* ** 7.69997	28.43	ADV	35.8	-29.4	1.82	36.65	54	-17.35	-	-	-	-	315	246	H
12	* ** 7.70012	42.99	PK-U	35.8	-29.4	0	49.39	-	-	74	-24.61	-	-	131	268	V
	* ** 7.69996	37.12	ADV	35.8	-29.4	1.82	45.34	54	-8.66	-	-	-	-	131	268	V
3	3.19119	53.06	PK-U	33.1	-33.6	0	52.56	-	-	-	-	68.2	-15.64	218	173	H
9	3.19909	60.07	PK-U	33.2	-33.6	0	59.67	-	-	-	-	68.2	-8.53	159	158	V
13	9.56877	43.73	PK-U	36.9	-27.8	0	52.83	-	-	-	-	68.2	-15.37	213	107	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

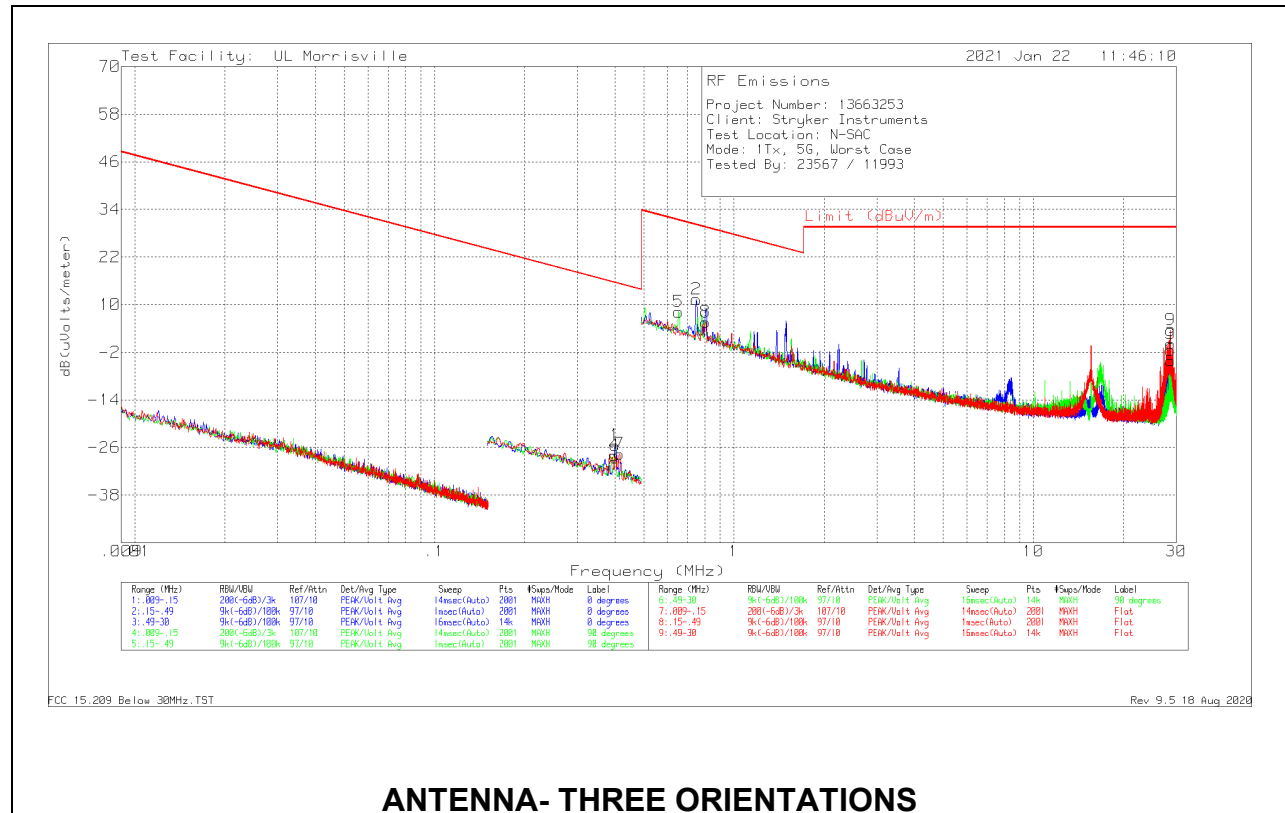
ADV - Linear Voltage Average

10.2. WORST CASE BELOW 30MHZ

Note for below 30 MHz scans: All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were $40 \cdot \log(\text{test distance} / \text{specification distance})$.

The below 30 MHz limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω . For example, the measurement frequency 399.05 kHz resulted in a level of -27.93 dBuV/m, which is equivalent to $-27.93 - 51.5 = -79.43$ dBuA/m, which has the same margin, -43.51dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



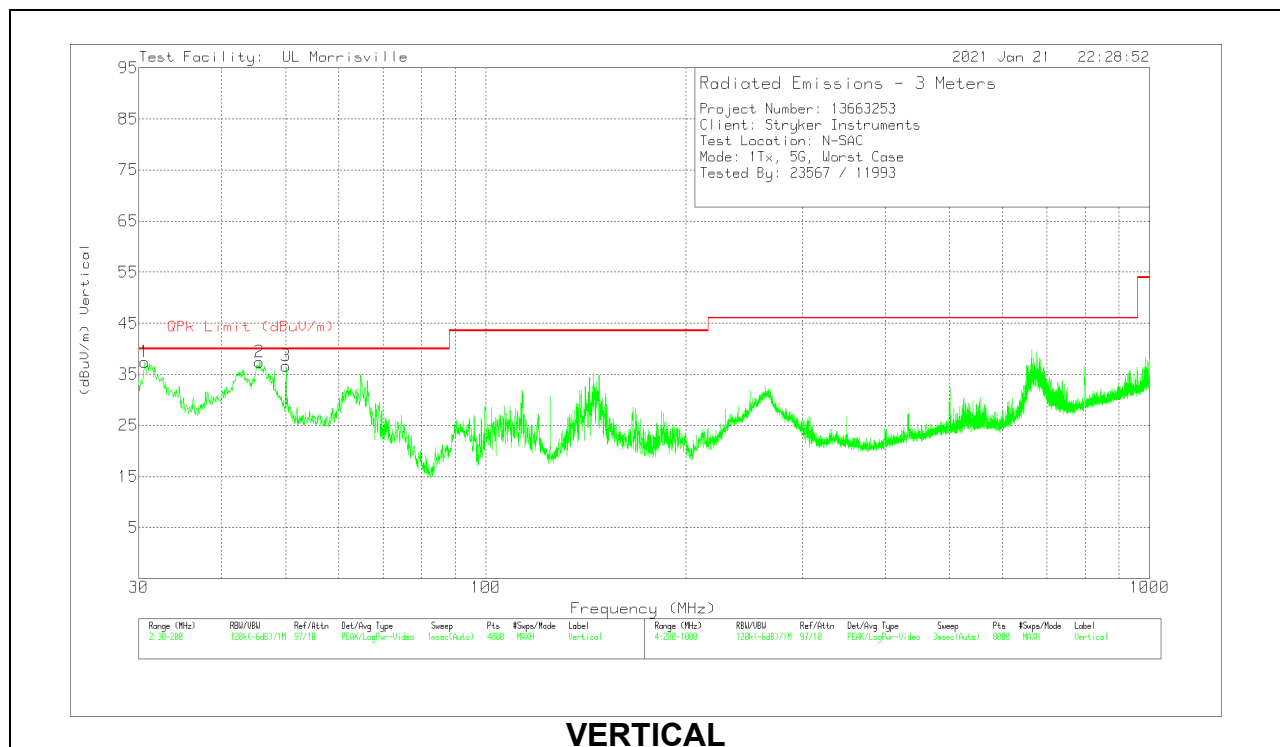
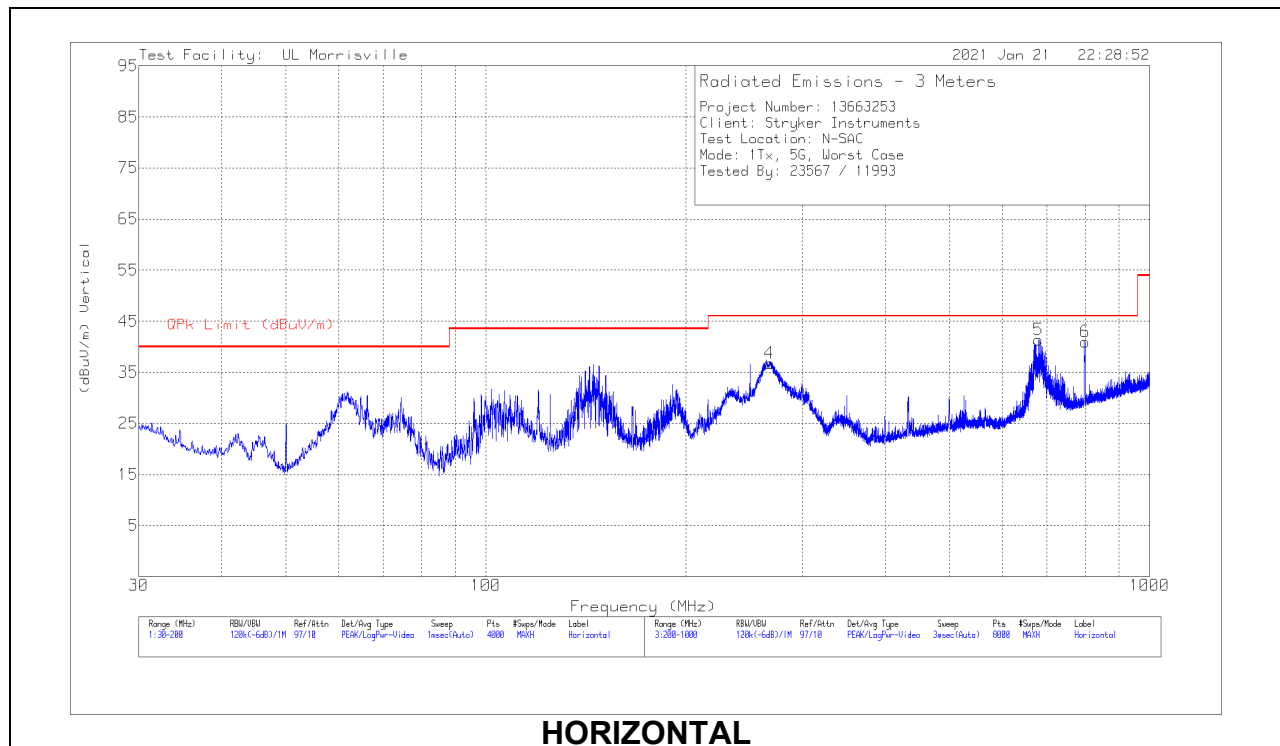
ANTENNA- THREE ORIENTATIONS

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 (dB/m)	Cbl (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/Avg Limit (dBuV/m)	Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	.39905	41.27	Pk	10.6	.2	-80	-27.93	15.58	35.58	-43.51	0-360
1	.40135	43.78	Pk	10.6	.2	-80	-25.42	15.53	35.53	-40.95	0-360
7	.41495	41.58	Pk	10.6	.2	-80	-27.62	15.24	35.24	-42.86	0-360
5	.65442	37.19	Pk	10.8	.2	-40	8.19	31.29	-	-23.1	0-360
2	.74928	40.35	Pk	10.8	.2	-40	11.35	30.11	-	-18.76	0-360
8	.80409	34.62	Pk	10.8	.2	-40	5.62	29.5	-	-23.88	0-360
3	28.68872	30.86	Pk	8.2	1.1	-40	.16	29.54	-	-29.38	0-360
6	28.68872	26.65	Pk	8.2	1.1	-40	-4.05	29.54	-	-33.59	0-360
9	28.68872	34.29	Pk	8.2	1.1	-40	3.59	29.54	-	-25.95	0-360

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHZ



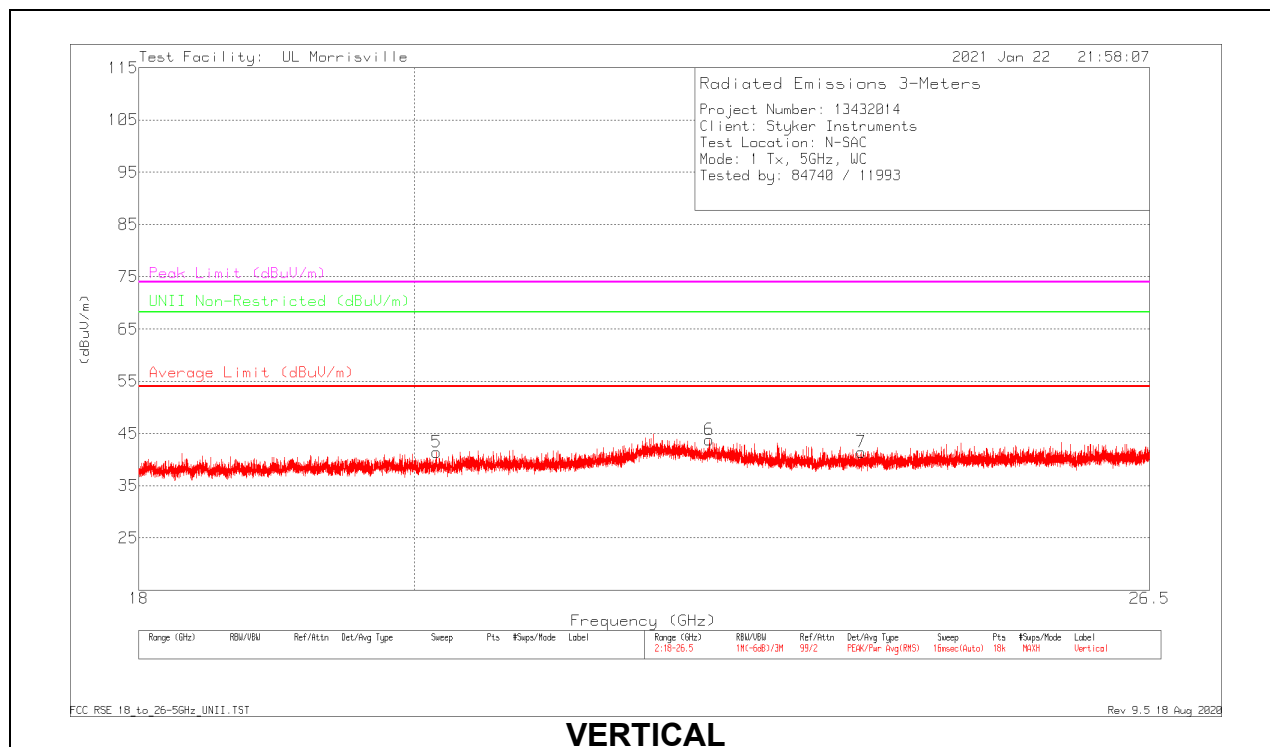
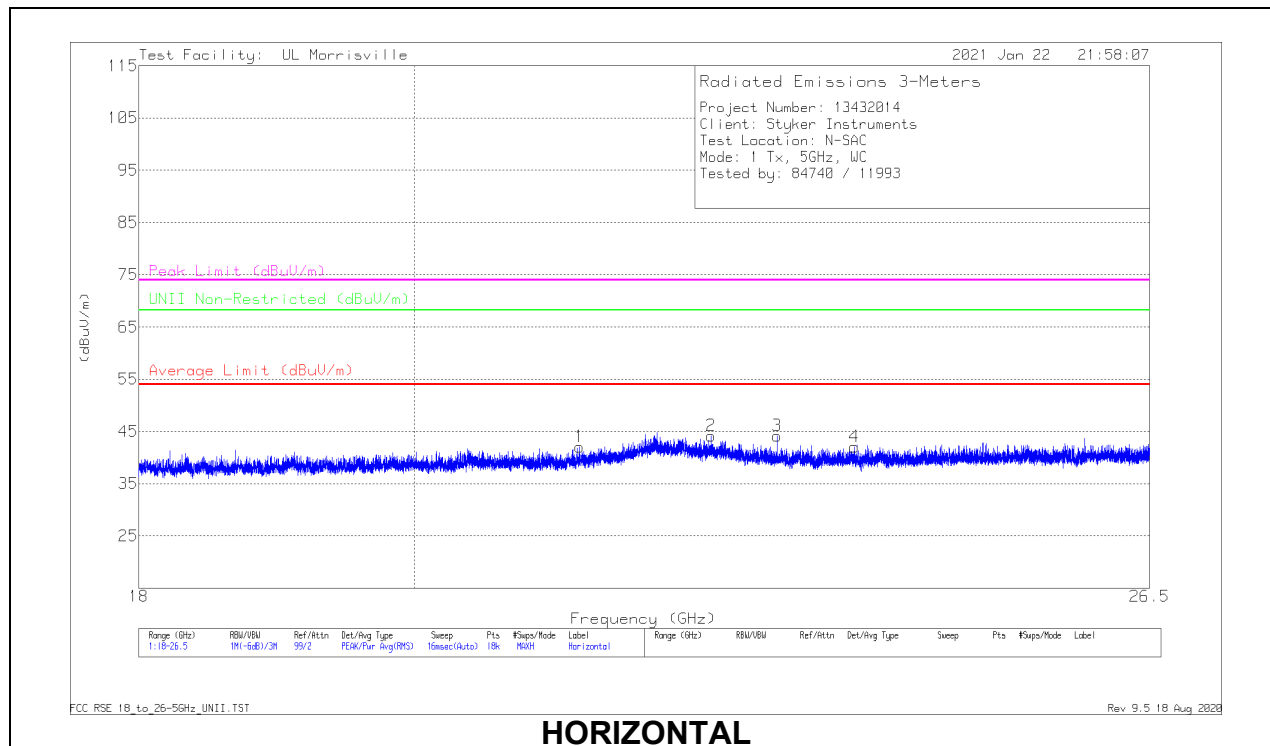
Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0074 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.5854	37.88	Qp	26.5	-31.4	32.98	40	-7.02	299	103	V
2	45.7148	49.05	Qp	15.9	-31.2	33.75	40	-6.25	340	102	V
3	49.9884	51.88	Qp	14	-31.1	34.78	40	-5.22	312	111	V
4	267.5088	46.49	Pk	19.2	-28.9	36.79	46.02	-9.23	0-360	99	H
5	680.4889	35.31	Qp	25.9	-26.6	34.61	46.02	-11.41	324	100	H
6	799.8466	36.61	Qp	27.4	-25.7	38.31	46.02	-7.71	330	212	H

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHZ



18 – 26GHz DATA

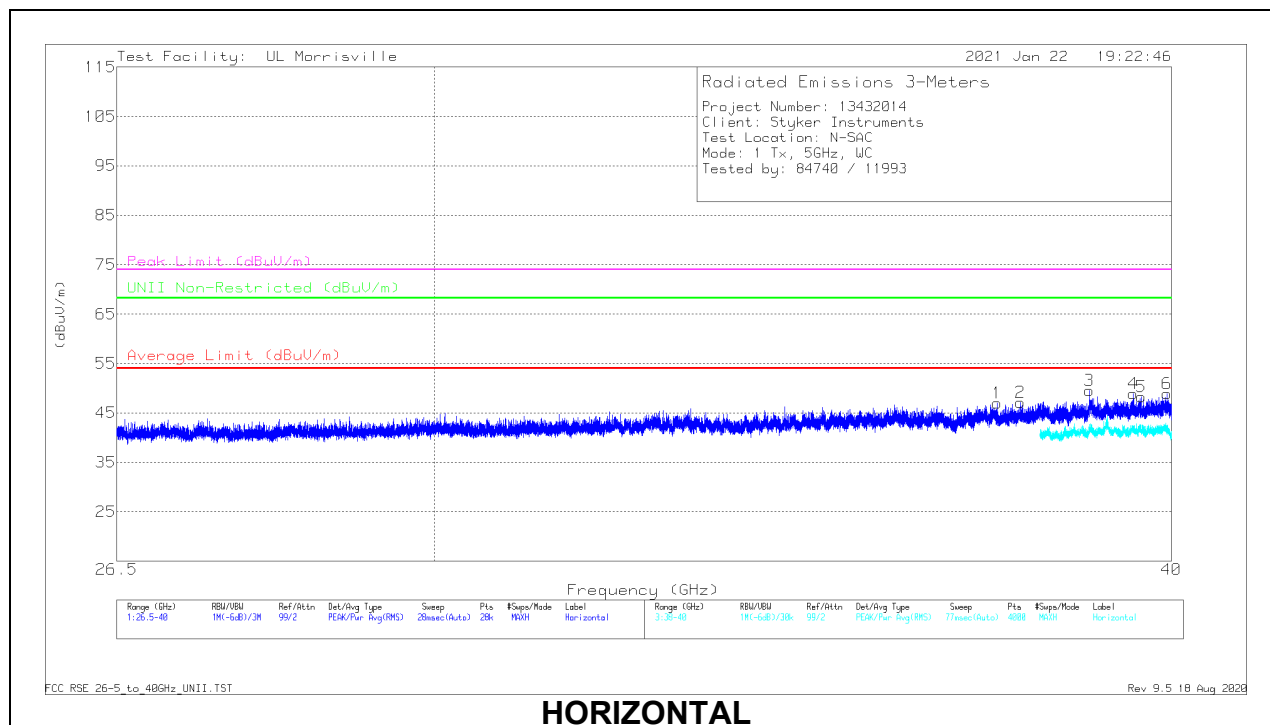
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0063 AF (dB/m)	Amp/CBL (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 21.30715	48.39	Pk	34.5	-40.9	41.99	54	-12.01	74	-32.01	-	-	0-360	149	H
2	* ** 22.40702	48.56	Pk	36.6	-41	44.16	54	-9.84	74	-29.84	-	-	0-360	300	H
3	* ** 22.98033	49.59	Pk	35.2	-40.7	44.09	54	-9.91	74	-29.91	-	-	0-360	300	H
4	* ** 23.66934	47.79	Pk	34.9	-40.7	41.99	54	-12.01	74	-32.01	-	-	0-360	101	H
5	* ** 20.17092	48.43	Pk	33.7	-40.7	41.43	54	-12.57	74	-32.57	-	-	0-360	200	V
6	* ** 22.3938	48.17	Pk	36.6	-41	43.77	54	-10.23	74	-30.23	-	-	0-360	150	V
7	* ** 23.73215	47.34	Pk	34.9	-40.8	41.44	54	-12.56	74	-32.56	-	-	0-360	250	V

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

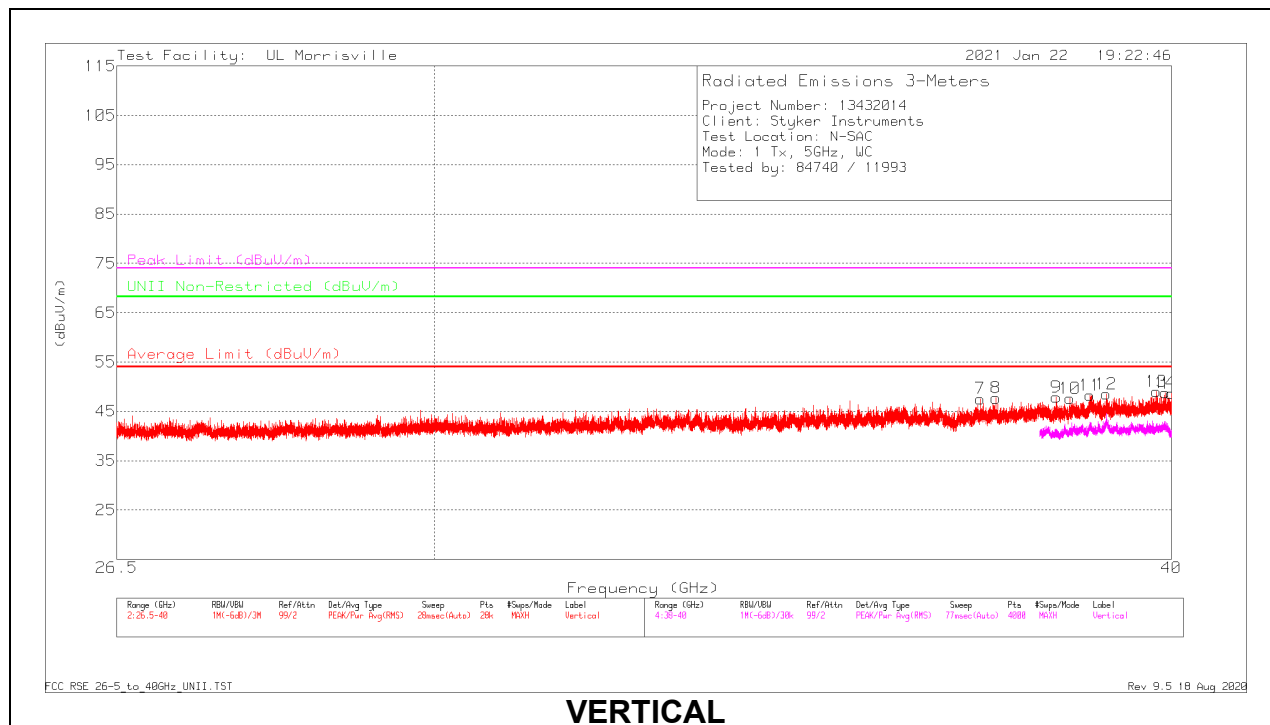
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.5. WORST CASE 26-40 GHZ



HORIZONTAL



VERTICAL

26 - 40GHz DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0061 AF (dB/m)	Amp/CBL (dB)	DCCF	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 38.74184	45.53	PK-U	38.7	-36.5	-	47.73	-	-	74	-26.27	-	-	350	335	H
	* ** 38.74254	33.5	ADV	38.7	-36.4	0.45	36.25	54	-17.75	-	-	-	-	350	335	H
4	* ** 39.4105	45.57	PK-U	38.7	-35.8	-	48.47	-	-	74	-25.53	-	-	345	207	H
	* ** 39.40789	32.93	ADV	38.7	-35.8	0.45	36.28	54	-17.72	-	-	-	-	345	207	H
5	* ** 39.53468	44.98	PK-U	38.6	-35.9	-	47.68	-	-	74	-26.32	-	-	63	213	H
	* ** 39.53357	32.71	ADV	38.6	-35.9	0.45	35.86	54	-18.14	-	-	-	-	63	213	H
6	* ** 39.93598	44.37	PK-U	38.8	-35.1	-	48.07	-	-	74	-25.93	-	-	207	291	H
	* ** 39.9339	32.12	ADV	38.8	-35.2	0.45	36.17	54	-17.83	-	-	-	-	207	291	H
11	* ** 38.75004	45.93	PK-U	38.7	-36.2	-	48.43	-	-	74	-25.57	-	-	77	321	V
	* ** 38.74913	33.65	ADV	38.7	-36.3	0.45	36.5	54	-17.5	-	-	-	-	77	321	V
12	* ** 38.99417	46.33	PK-U	38.9	-36.4	-	48.83	-	-	74	-25.17	-	-	59	101	V
	* ** 38.99641	34.15	ADV	38.9	-36.3	0.45	37.2	54	-16.8	-	-	-	-	59	101	V
13	* ** 39.77067	45.32	PK-U	38.6	-35.5	-	48.42	-	-	74	-25.58	-	-	183	186	V
	* ** 39.7696	32.76	ADV	38.6	-35.6	0.45	36.21	54	-17.79	-	-	-	-	183	186	V
14	* ** 39.89876	45.21	PK-U	38.9	-35.4	-	48.71	-	-	74	-25.29	-	-	35	360	V
	* ** 39.89773	32.83	ADV	38.9	-35.5	0.45	36.68	54	-17.32	-	-	-	-	35	360	V
15	* ** 39.99713	44.07	PK-U	38.6	-35.4	-	47.27	-	-	74	-26.73	-	-	237	339	V
	* ** 39.9976	31.56	ADV	38.6	-35.4	0.45	35.21	54	-18.79	-	-	-	-	237	339	V
7	37.12301	46.59	PK-U	38.1	-37.9		46.79	-	-	-	-	68.2	-21.41	103	309	V
8	37.35269	45.98	PK-U	38.2	-37.8		46.38	-	-	-	-	68.2	-21.82	7	149	V
1	37.36838	45.67	PK-U	38.2	-37.6		46.27	-	-	-	-	68.2	-21.93	182	250	H
2	37.70788	46.62	PK-U	38.4	-37.6		47.42	-	-	-	-	68.2	-20.78	0	168	H
9	38.24318	45.2	PK-U	38.2	-36.7		46.7	-	-	-	-	68.2	-21.5	316	103	V
10	38.44665	45.47	PK-U	38.5	-37		46.97	-	-	-	-	68.2	-21.23	19	212	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

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

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

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

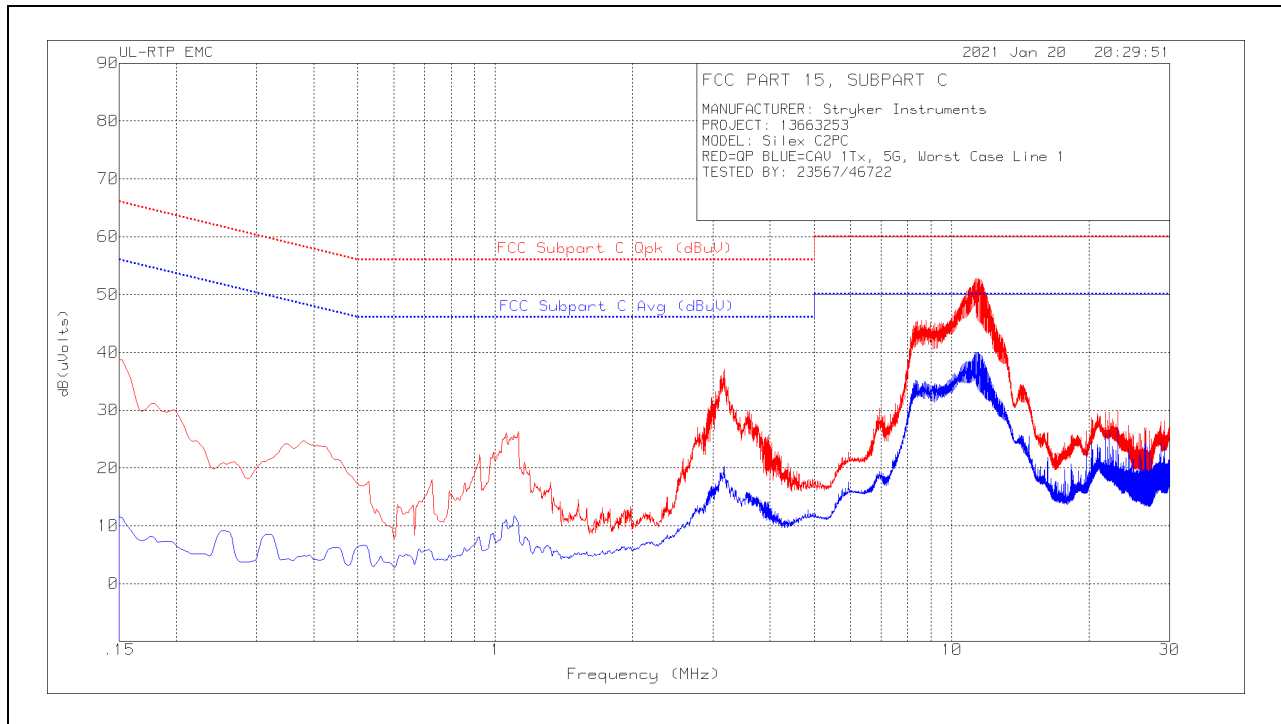
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

11.1.1. AC Power Line Host

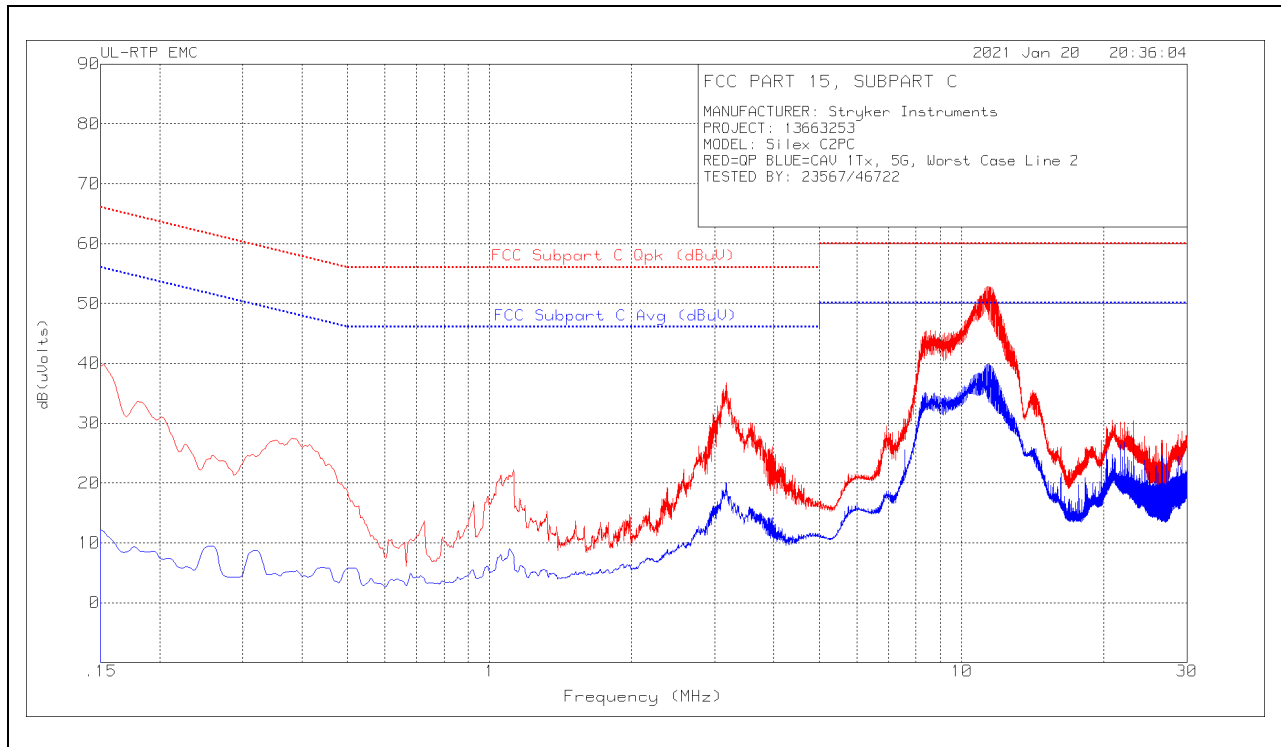
LINE 1 RESULTS



Frequency (MHz)	Meter Reading (dBUV)	Det	LISN001 (dB)	CBL004_ATA508 (dB)	Corrected Reading dB(uVolts)	FCC Subpart C Qpk (dBUV)	Margin (dB)	FCC Subpart C Avg (dBUV)	Margin (dB)
.15225	2	Ca	.1	9.3	11.4	-	-	55.88	-44.48
.39075	-4.39	Ca	0	9.3	4.91	-	-	48.05	-43.14
1.1085	1.93	Ca	0	9.4	11.33	-	-	46	-34.67
3.1695	10.89	Ca	0	9.4	20.29	-	-	46	-25.71
8.56725	24.63	Ca	0	9.5	34.13	-	-	50	-15.87
11.46075	29.68	Ca	0	9.6	39.28	-	-	50	-10.72
.15225	29.3	Qp	.1	9.3	38.7	65.88	-27.18	-	-
.3795	15.37	Qp	0	9.3	24.67	58.29	-33.62	-	-
1.122	16.84	Qp	0	9.4	26.24	56	-29.76	-	-
3.1695	27.66	Qp	0	9.4	37.06	56	-18.94	-	-
8.5875	36.04	Qp	0	9.5	45.54	60	-14.46	-	-
11.46075	42.74	Qp	0	9.6	52.34	60	-7.66	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Frequency (MHz)	Meter Reading (dBuV)	Det	LISN001 (dB)	CBL004_ATA508 (dB)	Corrected Reading dB(uVolts)	FCC Subpart C Qpk (dBuV)	Margin (dB)	FCC Subpart C Avg (dBuV)	Margin (dB)
.15225	2.57	Ca	.1	9.3	11.97	-	-	55.88	-43.91
.39075	-3.99	Ca	0	9.3	5.31	-	-	48.05	-42.74
1.0995	-.39	Ca	0	9.4	9.01	-	-	46	-36.99
3.1695	10.66	Ca	0	9.4	20.06	-	-	46	-25.94
8.56613	24.54	Ca	0	9.5	34.04	-	-	50	-15.96
11.45625	30.19	Ca	0	9.6	39.79	-	-	50	-10.21
.15225	30.46	Qp	.1	9.3	39.86	65.88	-26.02	-	-
.38175	18.18	Qp	0	9.3	27.48	58.24	-30.76	-	-
1.09725	11.91	Qp	0	9.4	21.31	56	-34.69	-	-
3.1695	27.4	Qp	0	9.4	36.8	56	-19.2	-	-
8.5875	36.03	Qp	0	9.5	45.53	60	-14.47	-	-
11.45175	43.13	Qp	0	9.6	52.73	60	-7.27	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to R13663253-EP2 for setup photos.

END OF TEST REPORT