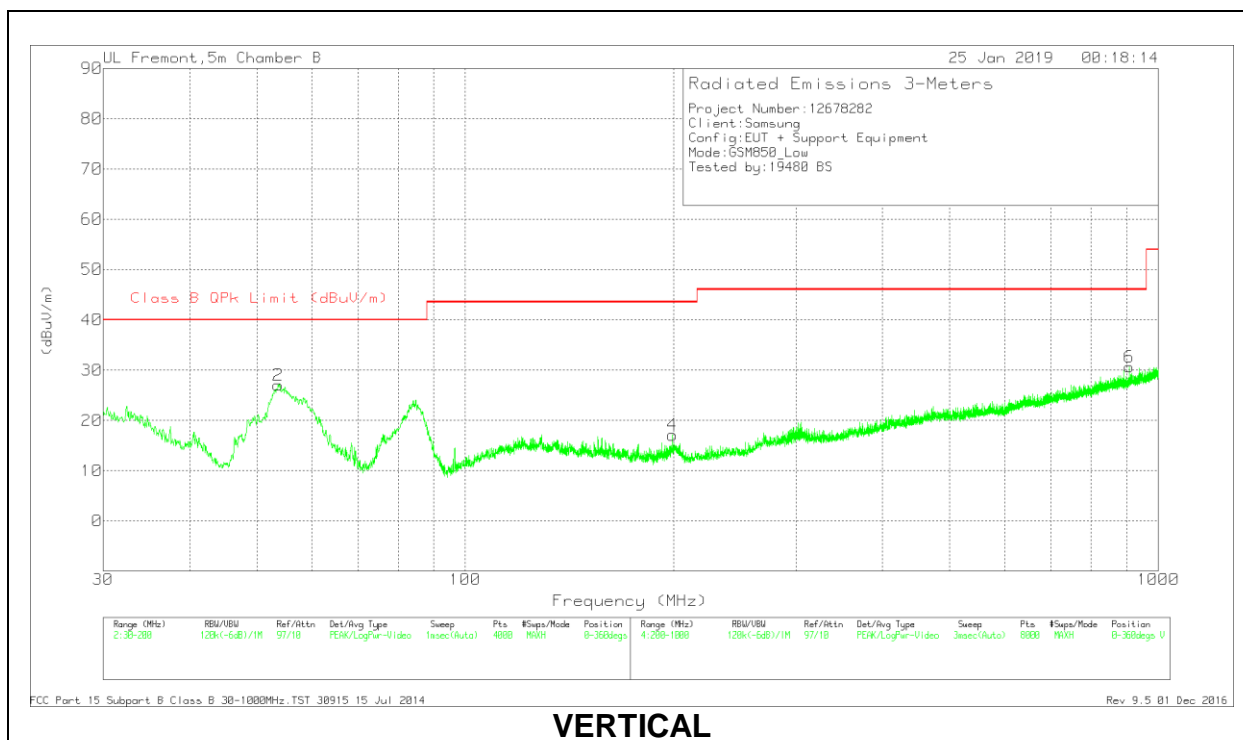
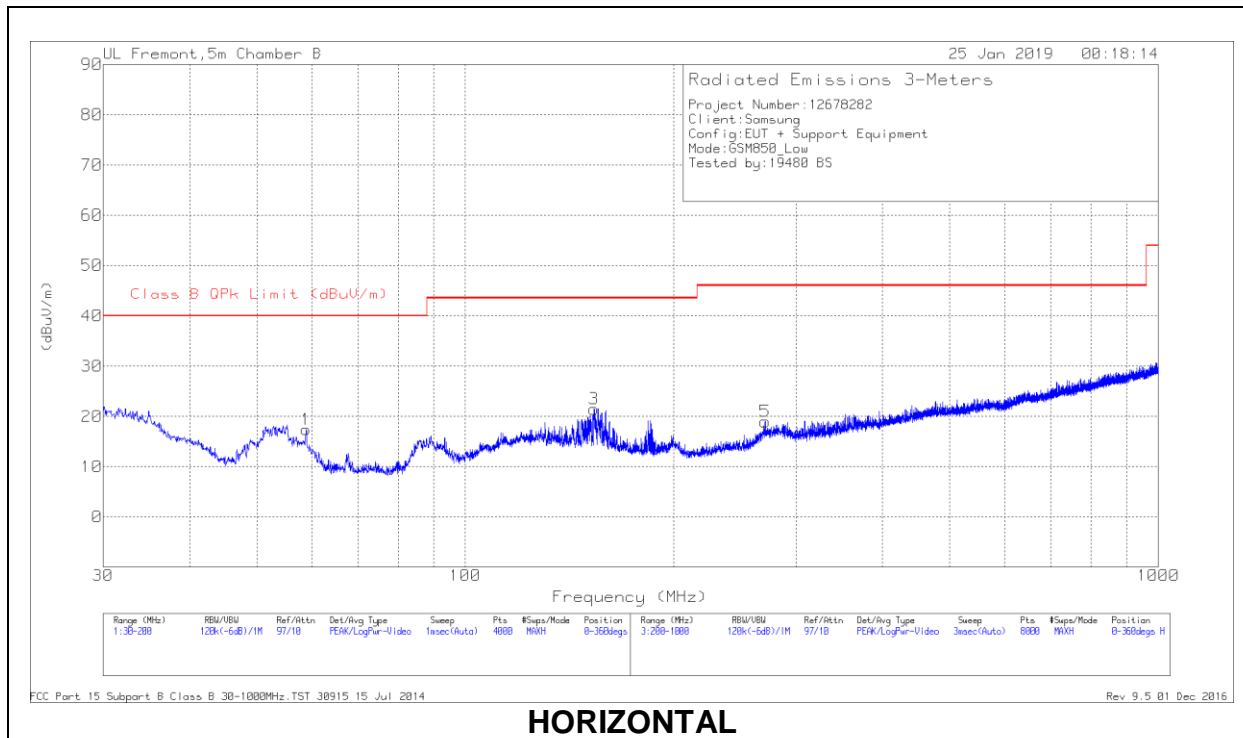


11. APPENDIX A: PRE-SCAN DATA FOR 15B RECEIVER MODE

11.1. GSM850

11.1.1. BELOW 1GHz

LOW CHANNEL(869.2MHz)

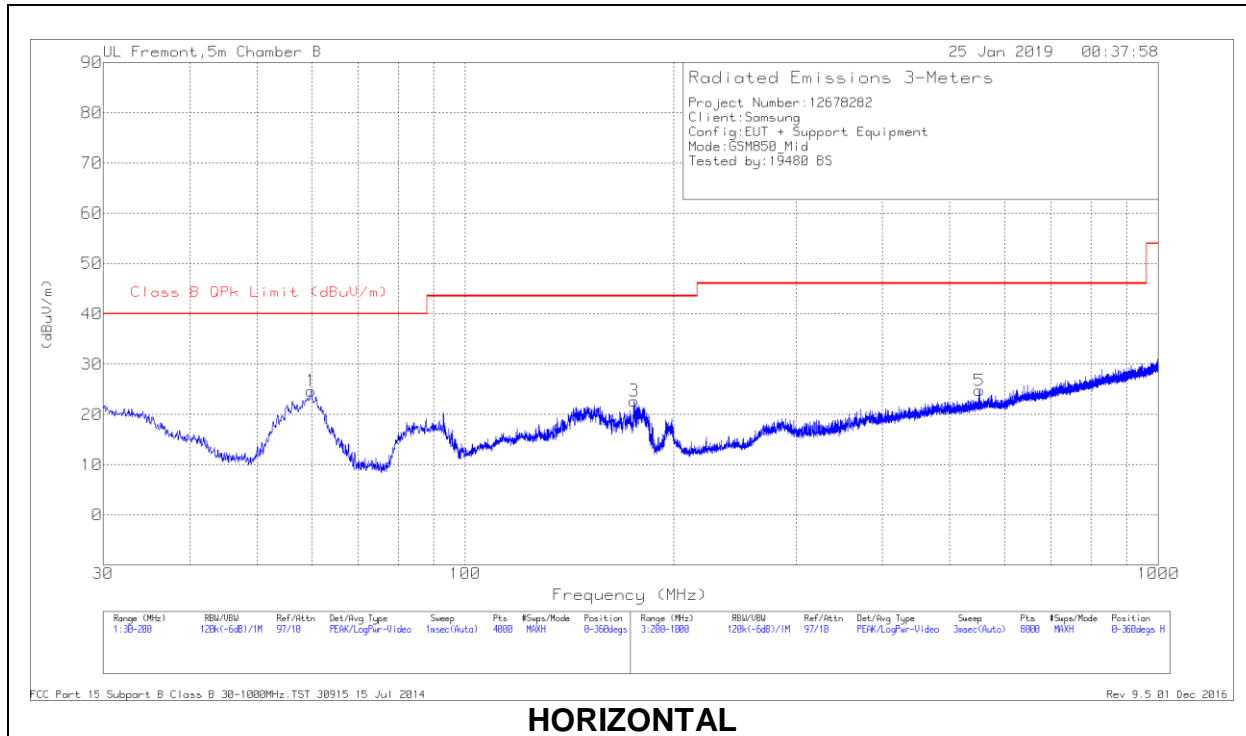


RADIATED EMISSIONS

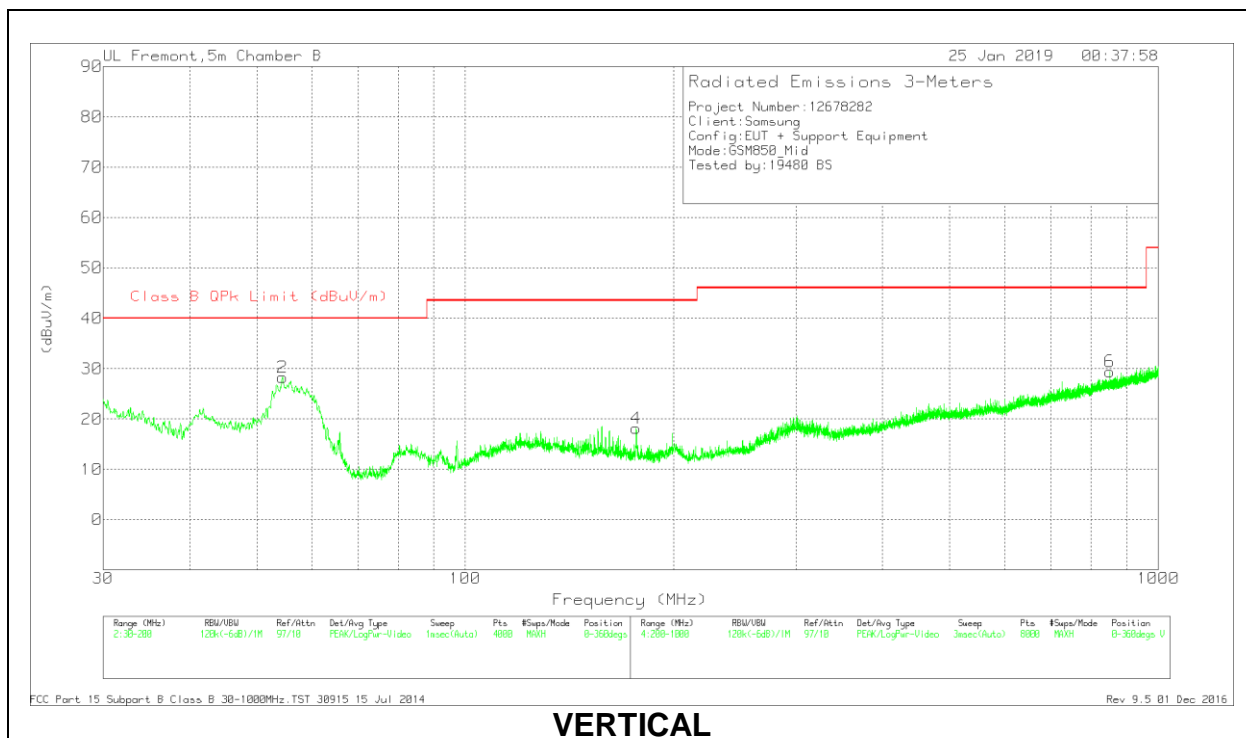
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	53.6786	46.9	Pk	11.2	-31.1	27	40	-13	0-360	100	V
1	58.95	37.01	Pk	11.5	-31.1	17.41	40	-22.59	0-360	400	H
3	153.4094	35.38	Pk	16.4	-30.3	21.48	43.52	-22.04	0-360	200	H
4	199.0237	30.71	Pk	16.5	-30.1	17.11	43.52	-26.41	0-360	100	V
5	270.8092	31.38	Pk	17.3	-29.7	18.98	46.02	-27.04	0-360	101	H
6	908.092	30.85	Pk	26.5	-26.7	30.65	46.02	-15.37	0-360	200	V

Pk - Peak detector

MID CHANNEL(881.6MHz)



HORIZONTAL



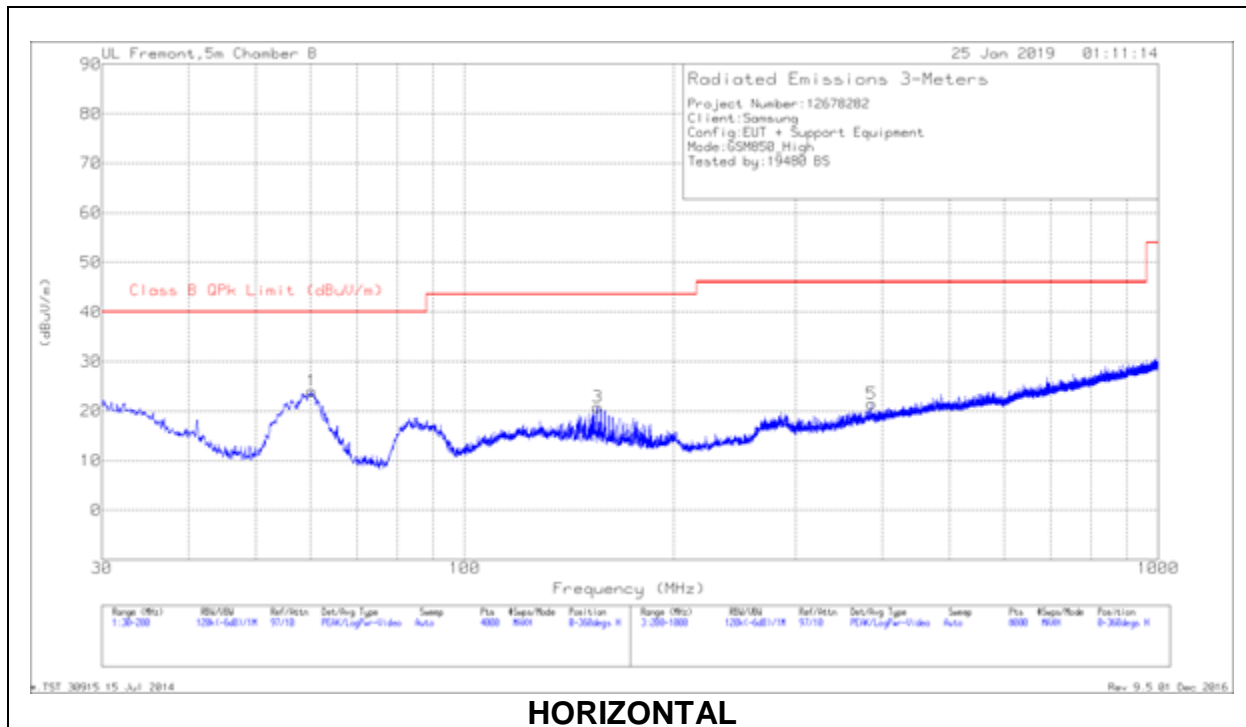
VERTICAL

RADIATED EMISSIONS

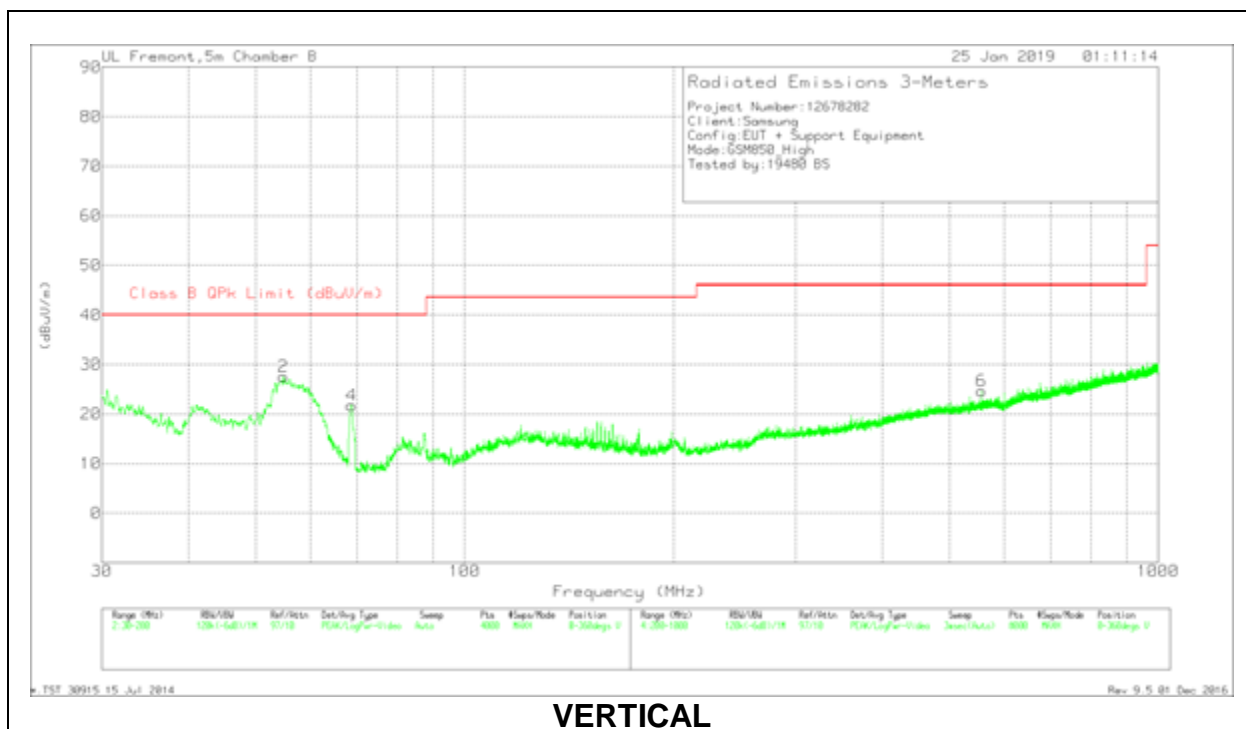
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	54.4651	48.18	Pk	11.2	-31.1	28.28	40	-11.72	0-360	100	V
1	59.9277	44.18	Pk	11.6	-31.1	24.68	40	-15.32	0-360	400	H
3	175.3239	37.38	Pk	15.5	-30.2	22.68	43.52	-20.84	0-360	200	H
4	176.4079	32.94	Pk	15.4	-30.2	18.14	43.52	-25.38	0-360	100	V
5	551.8457	31.26	Pk	22.3	-28.8	24.76	46.02	-21.26	0-360	101	H
6	851.8847	30.72	Pk	26	-27.3	29.42	46.02	-16.6	0-360	200	V

Pk - Peak detector

HIGH CHANNEL(893.8MHz)



HORIZONTAL



VERTICAL

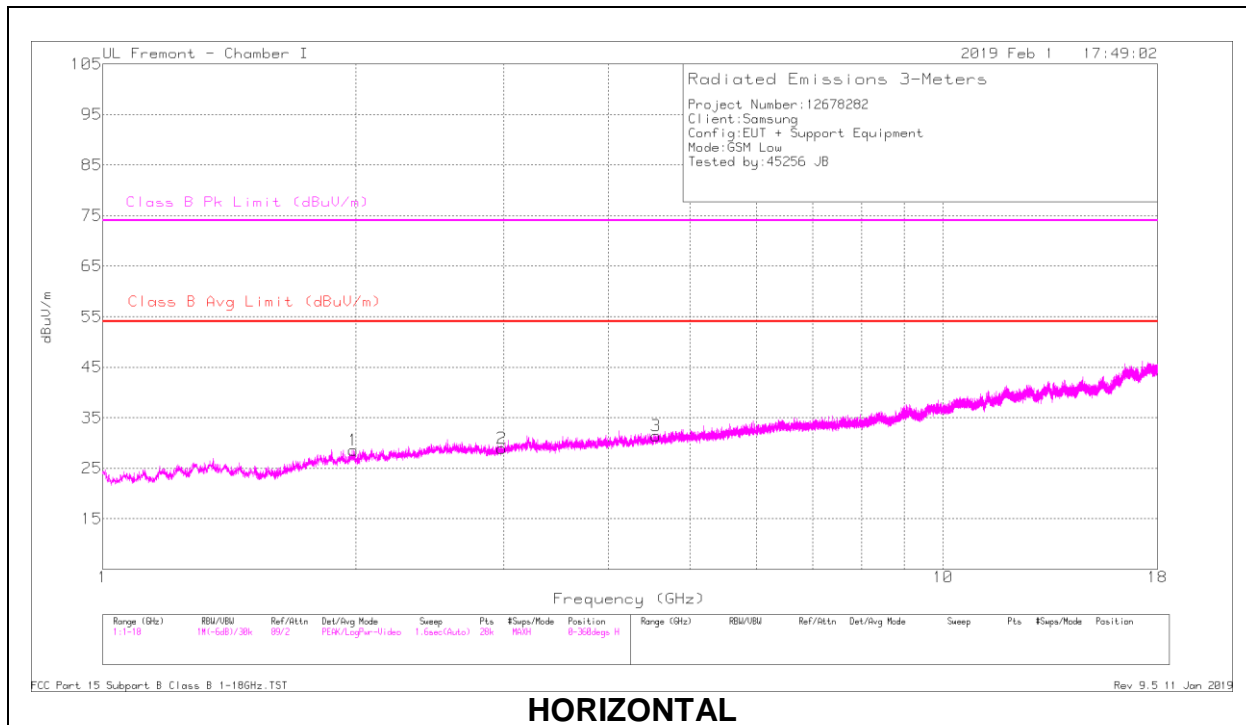
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	54.7839	47.47	Pk	11.2	-31.1	27.57	40	-12.43	0-360	100	V
1	60.1828	43.48	Pk	11.6	-31.1	23.98	40	-16.02	0-360	400	H
4	68.7275	40.56	Pk	12.2	-31	21.76	40	-18.24	0-360	100	V
3	155.3649	34.88	Pk	16.3	-30.3	20.88	43.52	-22.64	0-360	200	H
5	386.4242	31.7	Pk	19.1	-29.3	21.5	46.02	-24.52	0-360	101	H
6	556.1463	31.17	Pk	22.4	-28.9	24.67	46.02	-21.35	0-360	300	V

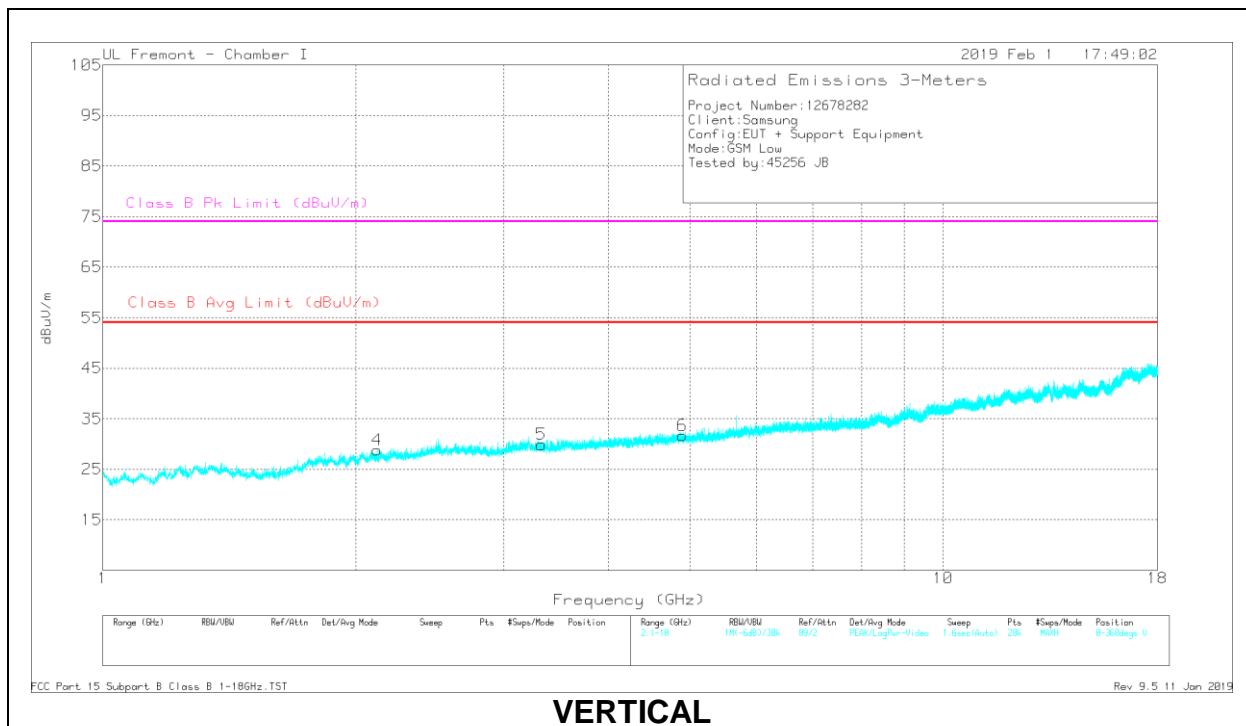
Pk - Peak detector

11.1.2. ABOVE 1GHz

LOW CHANNEL(869.2MHz)



HORIZONTAL



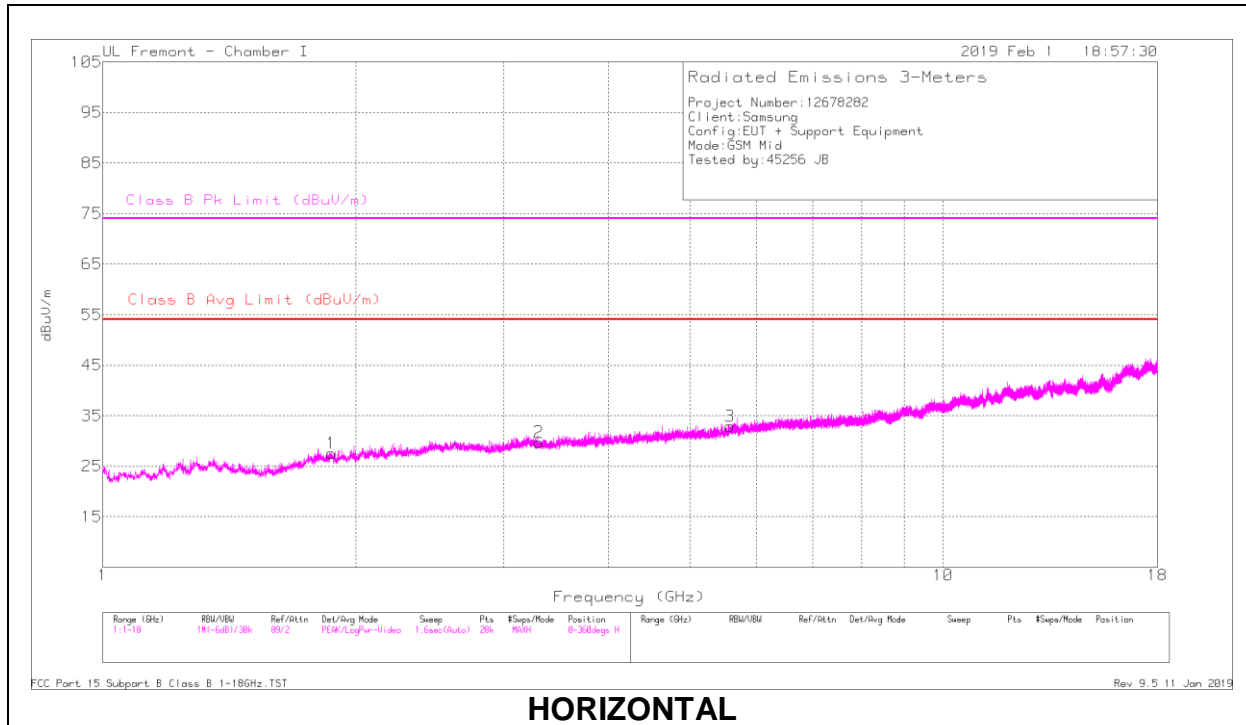
VERTICAL

RADIATED EMISSIONS

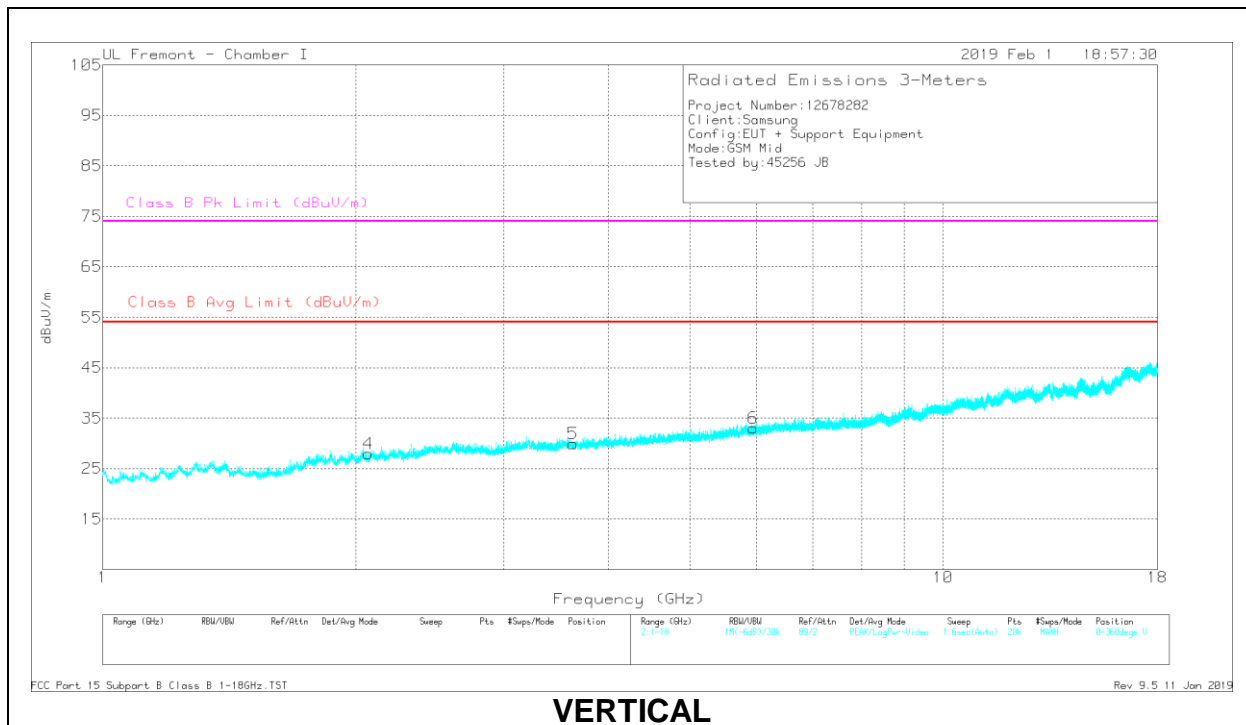
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.988	29.39	Pk	30.9	-32.7	27.59	-	-	74	-46.41	248	194	H
	1.988	16.72	Av	30.9	-32.7	14.92	54	-39.08	-	-	248	194	H
2	2.985	24.9	Pk	32.1	-31	26	-	-	74	-48.00	38	397	H
	2.985	15.6	Av	32.1	-31	16.7	54	-37.3	-	-	38	397	H
3	4.558	24.45	Pk	33.9	-29.4	28.95	-	-	74	-45.05	342	257	H
	4.558	14.19	Av	33.9	-29.4	18.69	54	-35.31	-	-	342	257	H
4	2.125	30.07	Pk	31.3	-32.5	28.87	-	-	74	-45.13	113	117	V
	2.125	25.57	Av	31.3	-32.5	24.37	54	-29.63	-	-	113	117	V
5	3.332	29.69	Pk	32.8	-30.8	31.69	-	-	74	-42.31	45	263	V
	3.332	24.44	Av	32.8	-30.8	26.44	54	-27.56	-	-	45	263	V
6	4.889	27.93	Pk	34.1	-29.2	32.83	-	-	74	-41.17	333	131	V
	4.889	23.47	Av	34.1	-29.2	28.37	54	-25.63	-	-	333	131	V

Pk - Peak detector
 Av - Average detection

MID CHANNEL(881.6MHz)



HORIZONTAL



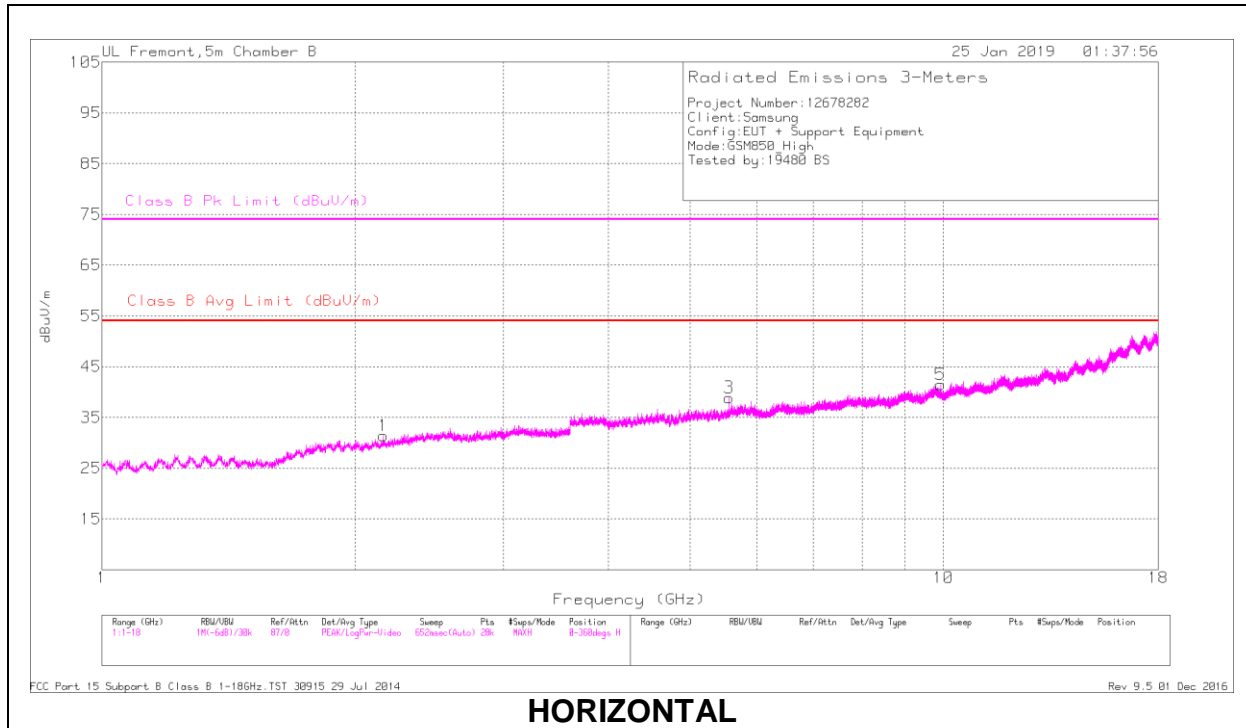
VERTICAL

RADIATED EMISSIONS

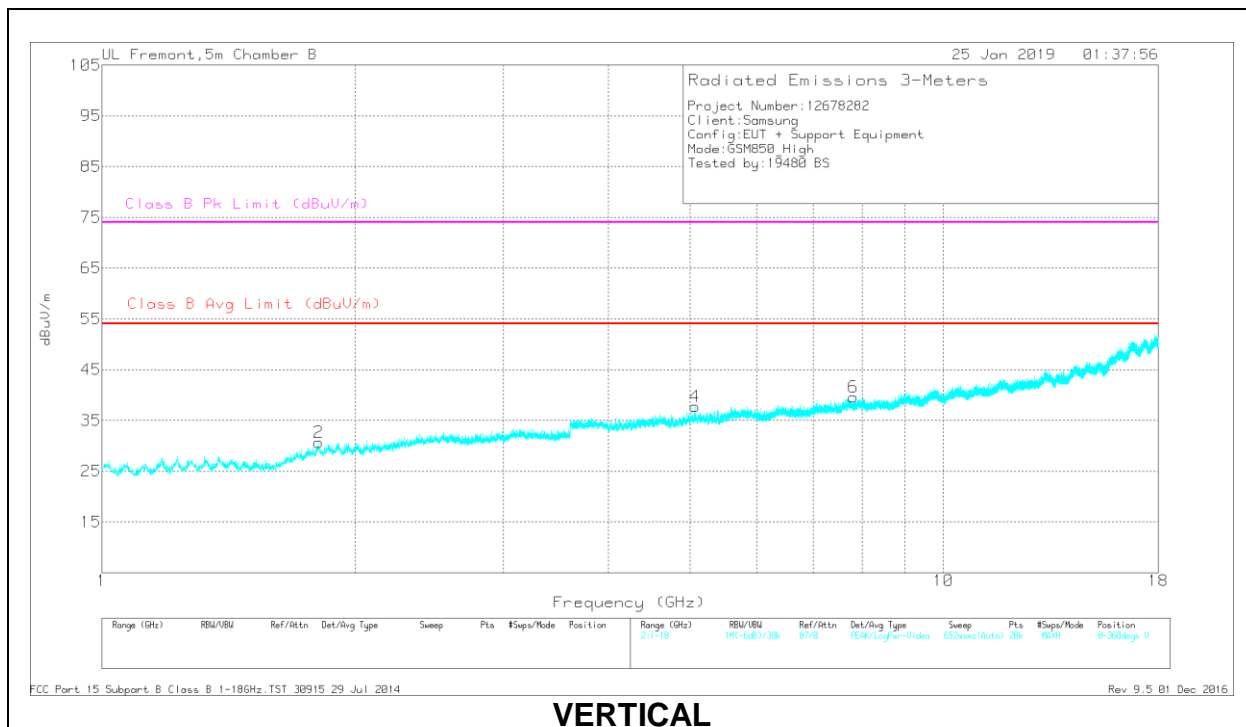
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.87	30.78	Pk	30.8	-32.9	28.68	-	-	74	-45.32	149	392	H
	1.87	17.26	Av	30.8	-32.9	15.16	54	-38.84	-	-	149	392	H
2	3.305	25.79	Pk	32.7	-30.9	27.59	-	-	74	-46.10	238	276	H
	3.305	15.41	Av	32.7	-30.9	17.21	54	-36.79	-	-	238	276	H
3	5.582	23.65	Pk	35	-28.6	30.05	-	-	74	-43.95	332	231	H
	5.582	13.75	Av	35	-28.6	20.15	54	-33.85	-	-	332	231	H
4	2.074	30.4	Pk	31.1	-32.5	29	-	-	74	-45.00	340	280	V
	2.074	25.66	Av	31.1	-32.5	24.26	54	-29.74	-	-	340	280	V
5	3.626	26.13	Pk	33.1	-30.5	28.73	-	-	74	-45.27	321	308	V
	3.626	24.16	Av	33.1	-30.5	26.76	54	-27.24	-	-	321	308	V
6	5.947	26.78	Pk	35.2	-28	33.98	-	-	74	-40.02	154	205	V
	5.947	22.27	Av	35.2	-28	29.47	54	-24.53	-	-	154	205	V

Pk - Peak detector
 Av - Average detection

HIGH CHANNEL(893.8MHz)



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

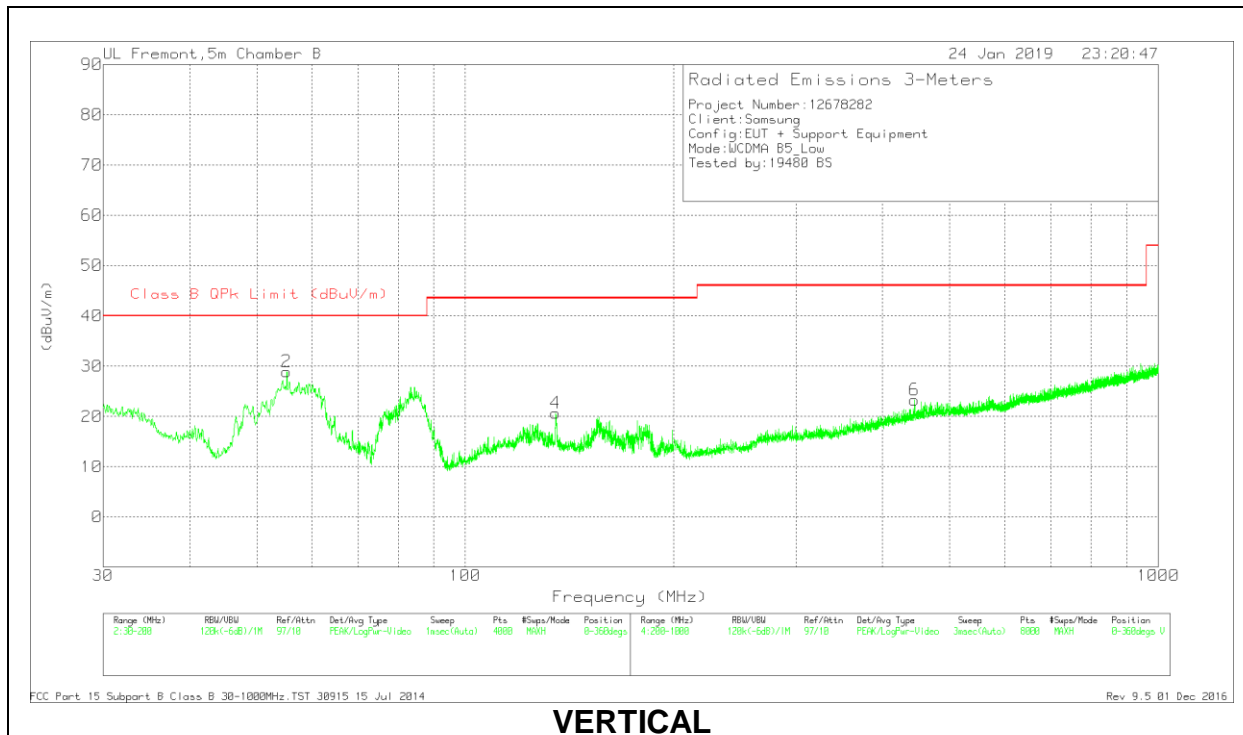
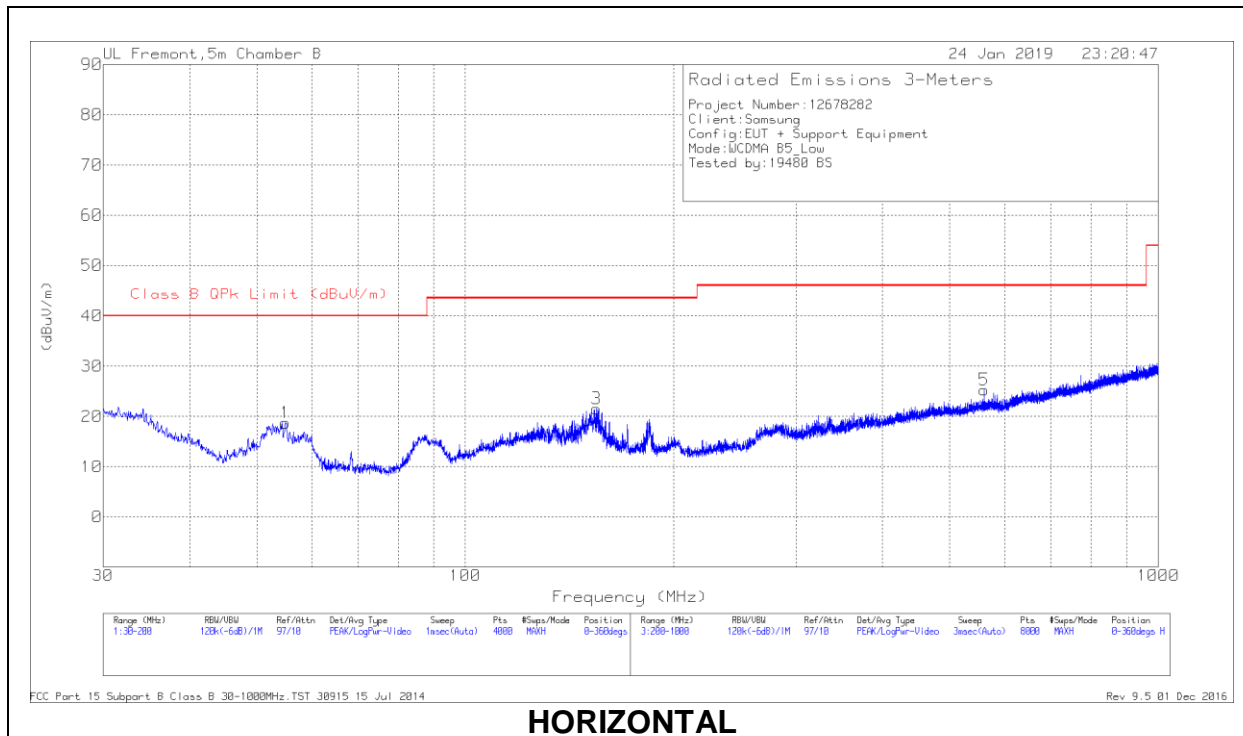
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	1.809	40.54	Pk	30.7	-33	38.24	-	-	74	-35.76	2	154	V
	1.809	27.86	Av	30.7	-33	25.56	54	-31.44	-	-	2	154	V
1	2.16	40.02	Pk	31.3	-32.7	38.62	-	-	74	-35.38	60	107	H
	2.16	27.35	Av	31.3	-32.7	25.95	54	-28.05	-	-	60	107	H
4	5.064	38.72	Pk	34.5	-29.9	43.32	-	-	74	-30.68	318	136	V
	5.064	26.86	Av	34.5	-29.9	31.46	54	-22.54	-	-	318	136	V
3	5.556	38.45	Pk	35.4	-29.7	44.15	-	-	74	-29.85	255	222	H
	5.556	26	Av	35.4	-29.7	31.7	54	-22.30	-	-	255	222	H
6	7.814	36.41	Pk	36.4	-26.5	46.31	-	-	74	-27.69	184	353	V
	7.814	24.05	Av	36.4	-26.5	33.95	54	-20.05	-	-	184	353	V
5	9.919	34.17	Pk	37.3	-23.5	47.97	-	-	74	-26.03	188	292	H
	9.919	21.72	Av	37.3	-23.5	35.52	54	-18.48	-	-	188	292	H

Pk - Peak detector
 Av - Average detection

11.2. WCDMA B5

11.2.1. BELOW 1GHz

LOW CHANNEL(871.4MHz)

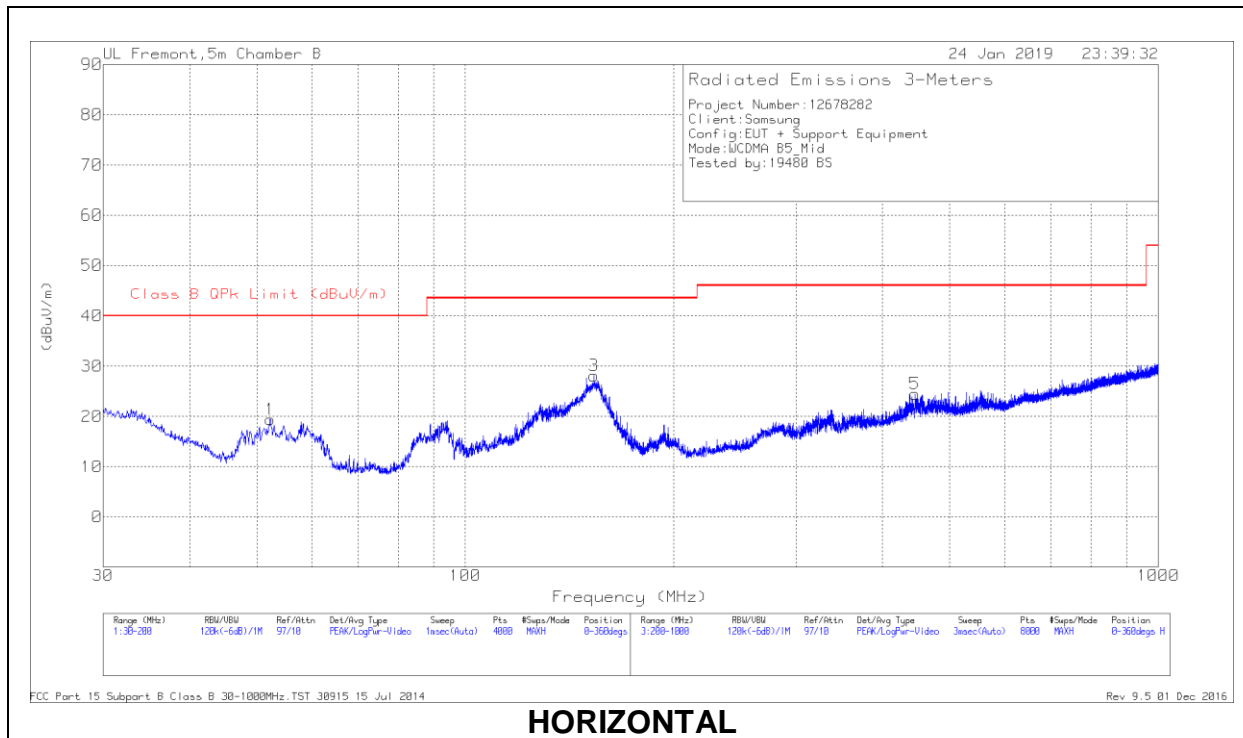


RADIATED EMISSIONS

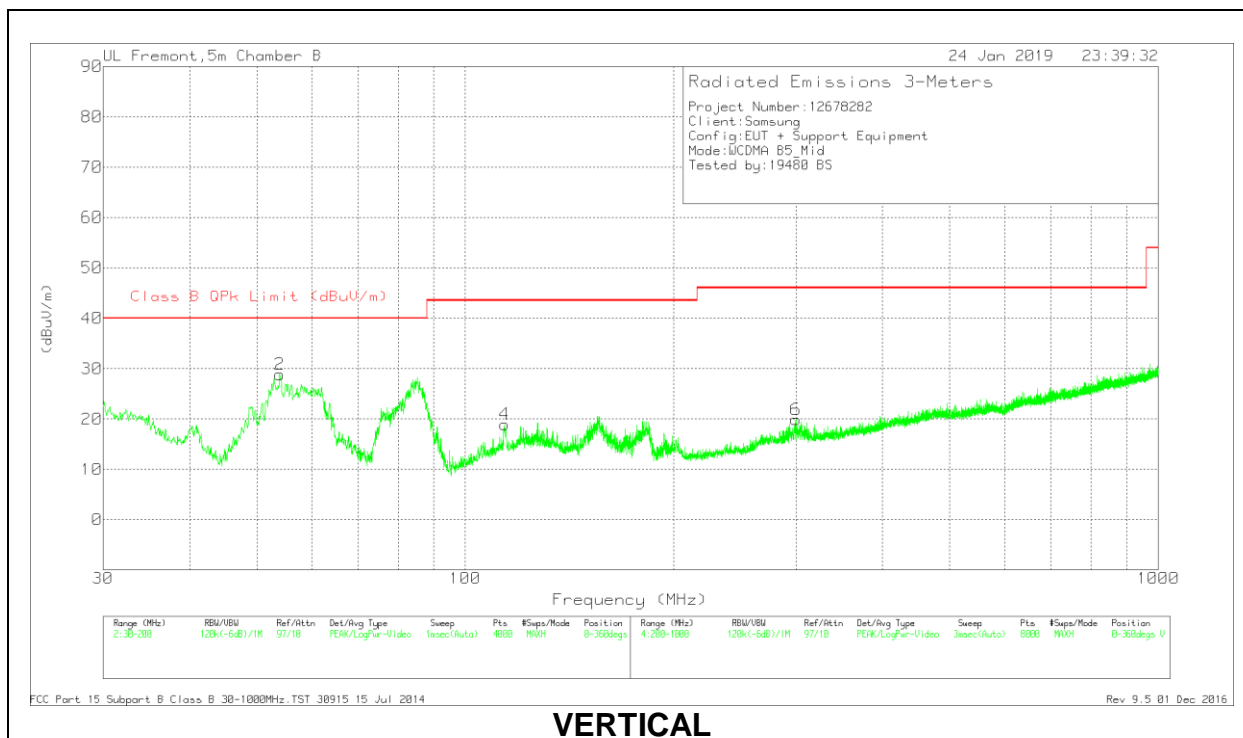
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	54.9965	38.64	Pk	11.2	-31.1	18.74	40	-21.26	0-360	400	H
2	55.2515	48.83	Pk	11.2	-31.1	28.93	40	-11.07	0-360	100	V
4	135.0447	33.68	Pk	17.4	-30.4	20.68	43.52	-22.84	0-360	100	V
3	154.4722	35.44	Pk	16.4	-30.3	21.54	43.52	-21.98	0-360	100	H
6	445.0319	31.59	Pk	20.8	-29.1	23.29	46.02	-22.73	0-360	200	V
5	560.9469	31.79	Pk	22.4	-28.9	25.29	46.02	-20.73	0-360	200	H

Pk - Peak detector

MID CHANNEL(881.6MHz)



HORIZONTAL



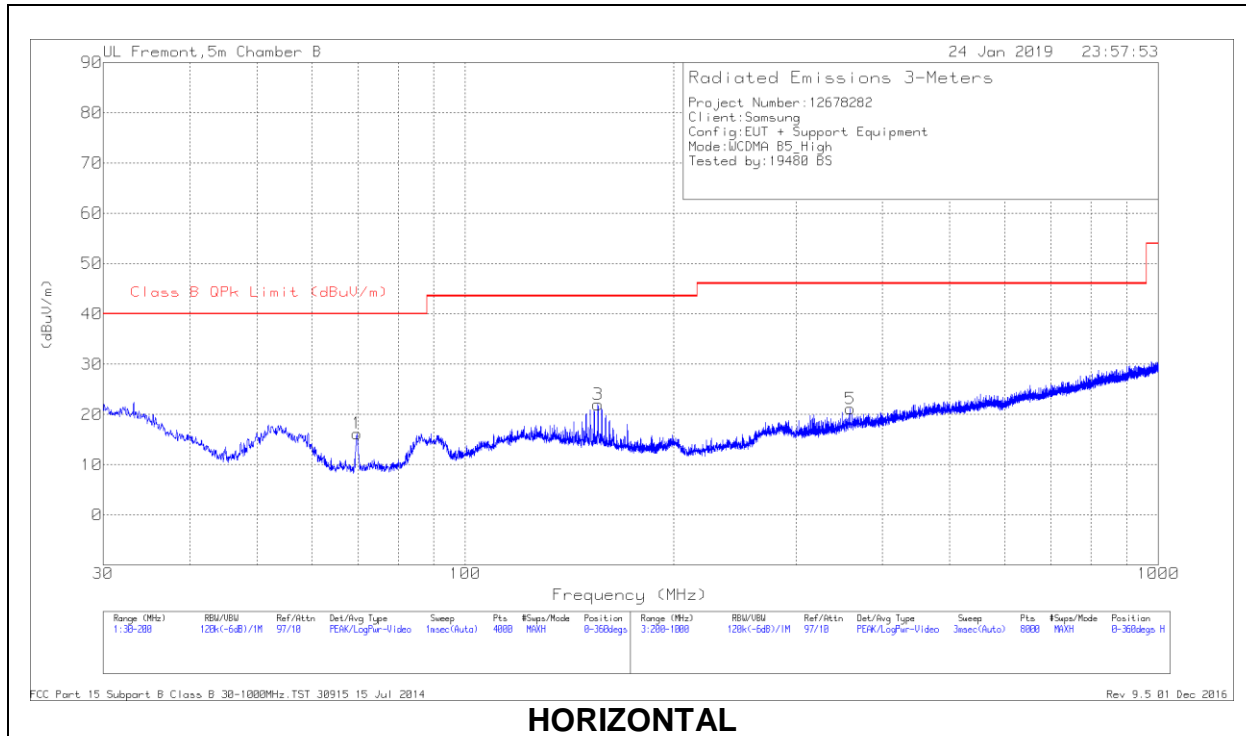
VERTICAL

RADIATED EMISSIONS

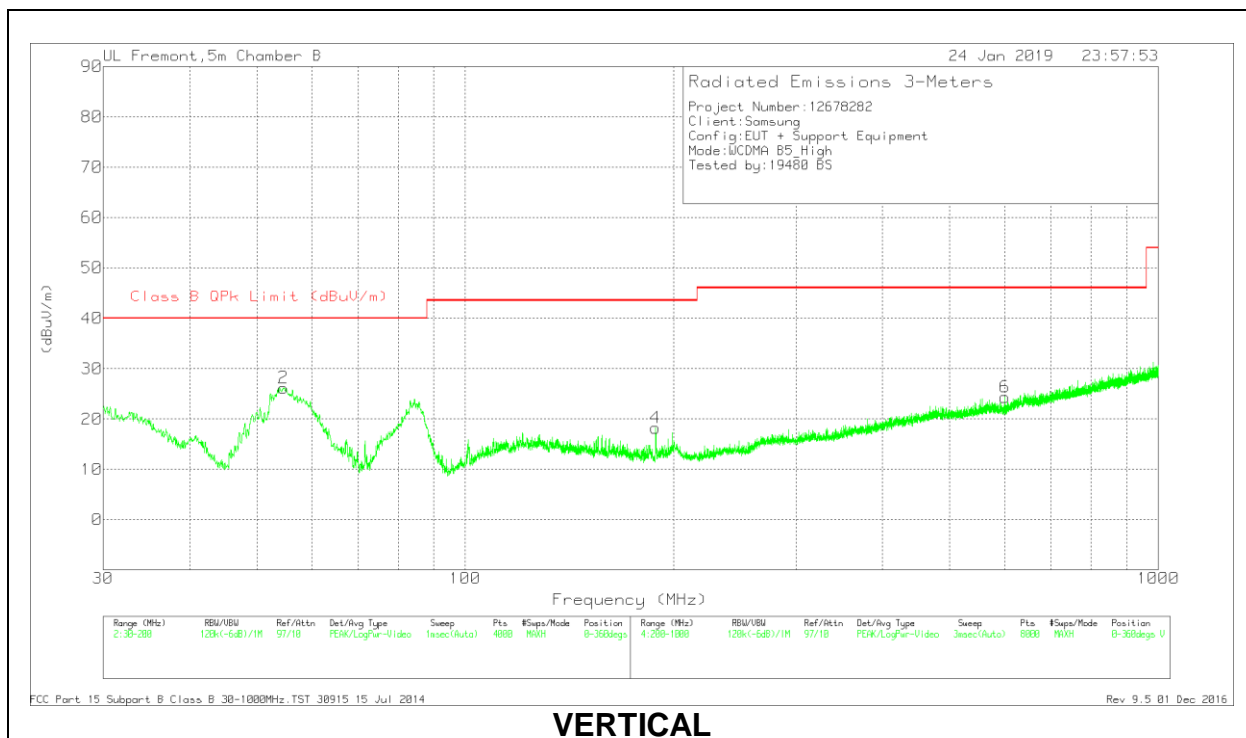
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	52.3183	39.21	Pk	11.4	-31.2	19.41	40	-20.59	0-360	400	H
2	53.955	48.75	Pk	11.2	-31.1	28.85	40	-11.15	0-360	100	V
4	114.0017	32.24	Pk	17.3	-30.6	18.94	43.52	-24.58	0-360	100	V
3	153.3244	42.01	Pk	16.4	-30.3	28.11	43.52	-15.41	0-360	200	H
6	300.013	31.99	Pk	17.4	-29.5	19.89	46.02	-26.13	0-360	200	V
5	445.2319	32.77	Pk	20.8	-29.1	24.47	46.02	-21.55	0-360	300	H

Pk - Peak detector

HIGH CHANNEL(891.6MHz)



HORIZONTAL



VERTICAL

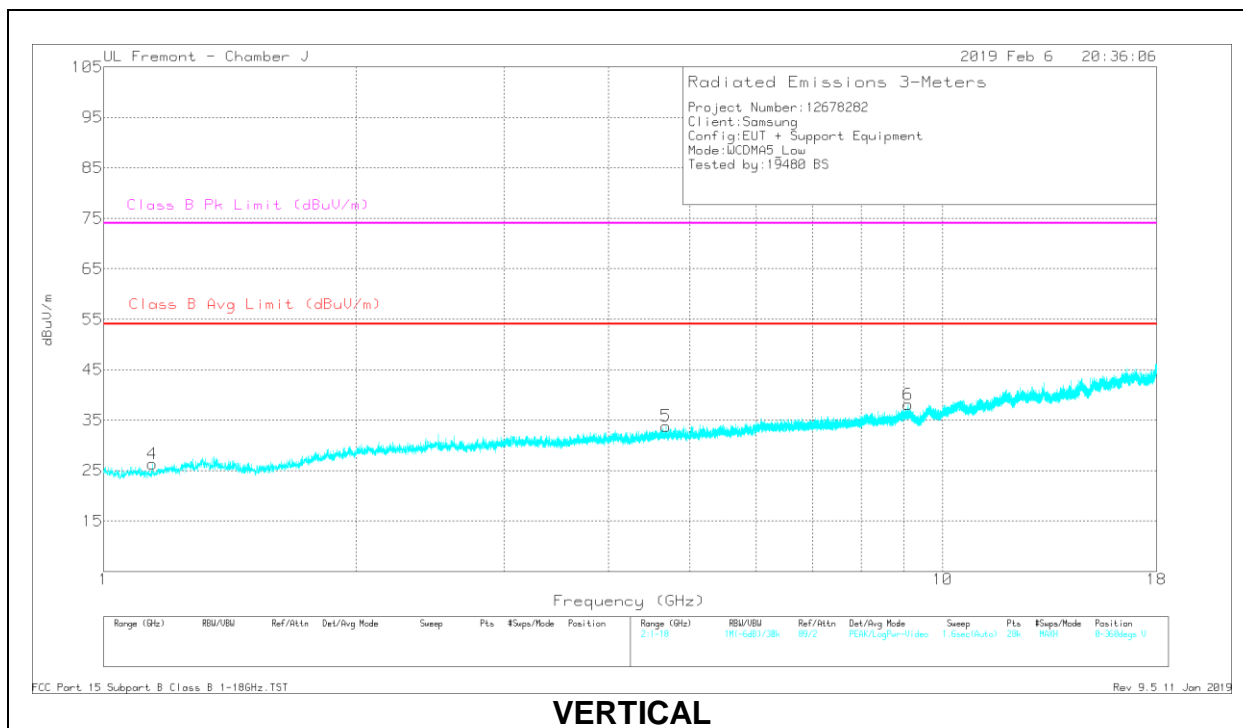
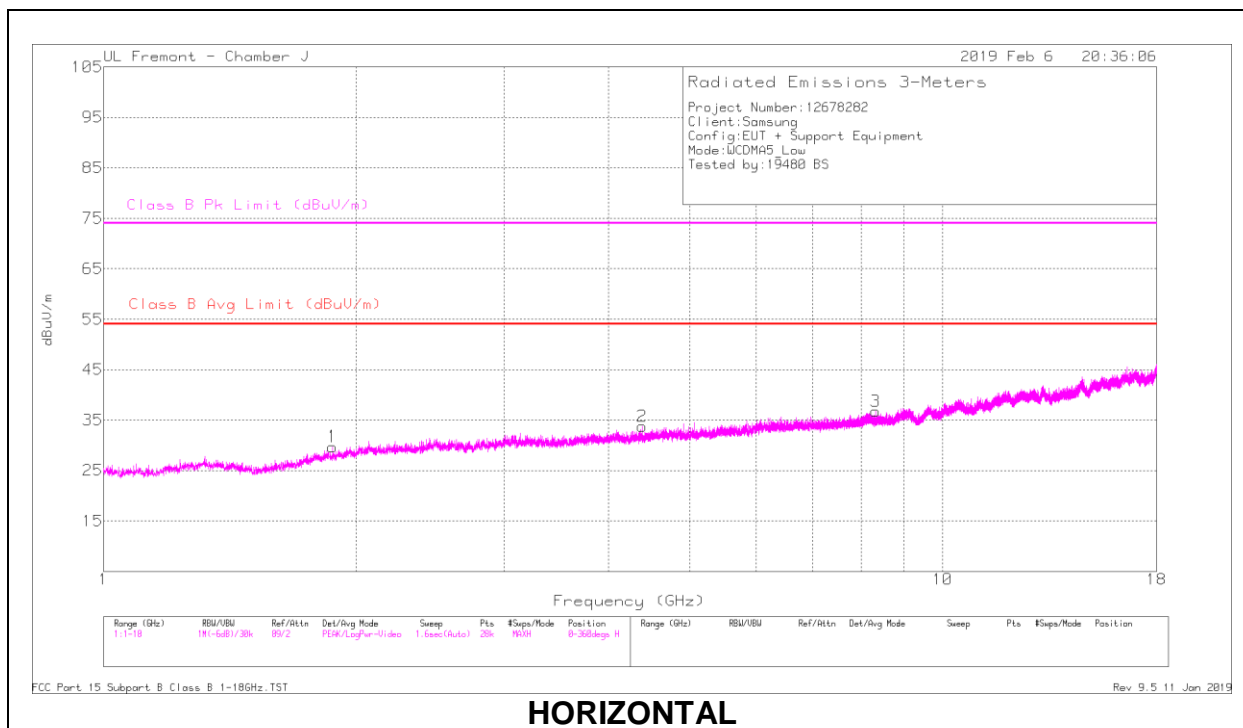
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	54.6776	46.1	Pk	11.2	-31.1	26.2	40	-13.8	0-360	100	V
1	69.7478	35.02	Pk	12.2	-31	16.22	40	-23.78	0-360	400	H
3	155.3649	35.98	Pk	16.3	-30.3	21.98	43.52	-21.54	0-360	200	H
4	188.1834	33.14	Pk	15.2	-30.1	18.24	43.52	-25.28	0-360	100	V
5	359.5207	31.72	Pk	18.8	-29.4	21.12	46.02	-24.9	0-360	101	H
6	600.8521	30.45	Pk	22.5	-28.6	24.35	46.02	-21.67	0-360	200	V

Pk - Peak detector

11.2.2. ABOVE 1GHz

LOW CHANNEL(871.4MHz)

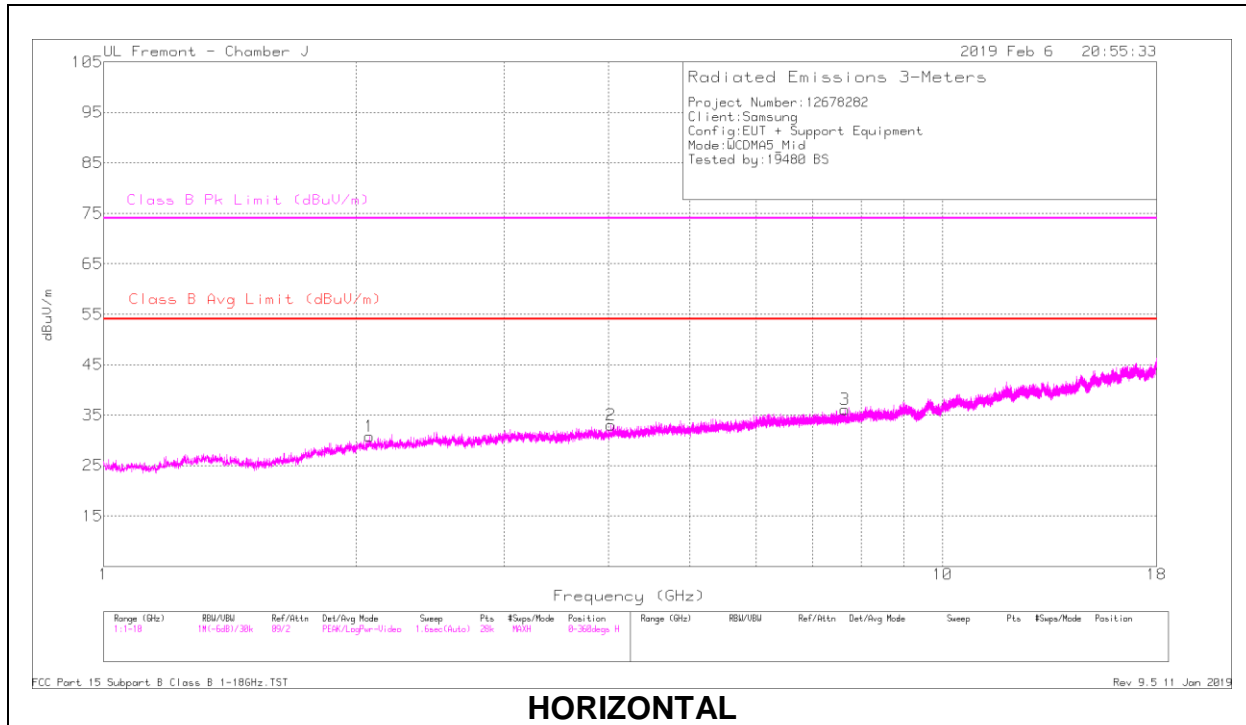


RADIATED EMISSIONS

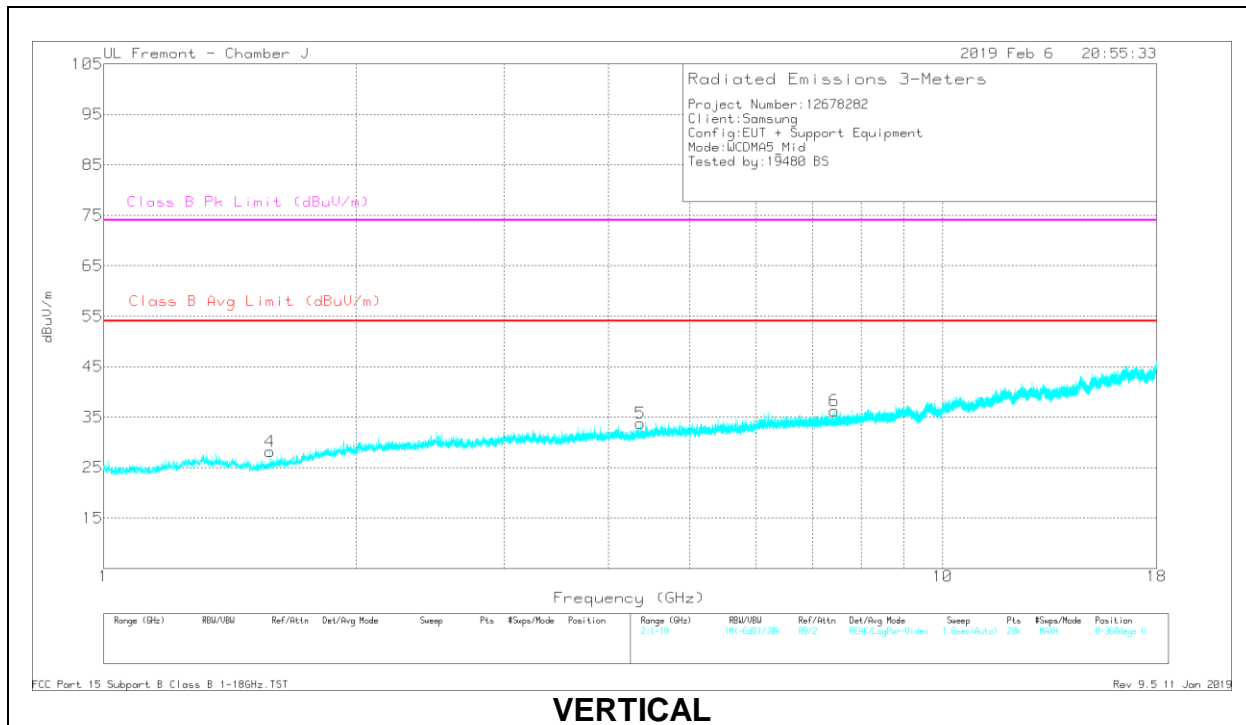
Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.876	33.43	Pk	30.8	-36.1	28.13			74	-45.87	158	101	H
1.876	20.8	Av	30.8	-36.1	15.5	54	-38.5	-	-	158	101	H
4.389	30.77	Pk	33.7	-32.2	32.27			74	-41.73	57	101	H
4.389	18.01	Av	33.7	-32.2	19.51	54	-34.49	-	-	57	101	H
8.328	26.87	Pk	35.7	-27.2	35.37			74	-38.63	87	196	H
8.328	14.34	Av	35.7	-27.2	22.84	54	-31.16	-	-	87	196	H
1.141	43.64	Pk	27.5	-35.9	35.24			74	-38.76	342	196	V
1.141	29.98	Av	27.5	-35.9	21.58	54	-32.42	-	-	342	196	V
4.683	40.73	Pk	34	-32.1	42.63			74	-31.37	229	104	V
4.683	27.37	Av	34	-32.1	29.27	54	-24.73	-	-	229	104	V
9.099	36.54	Pk	36	-25.8	46.74			74	-27.26	356	104	V
9.099	22.79	Av	36	-25.8	32.99	54	-21.01	-	-	356	104	V

Pk - Peak detector
 Av - Average detection

MID CHANNEL(881.6MHz)



HORIZONTAL



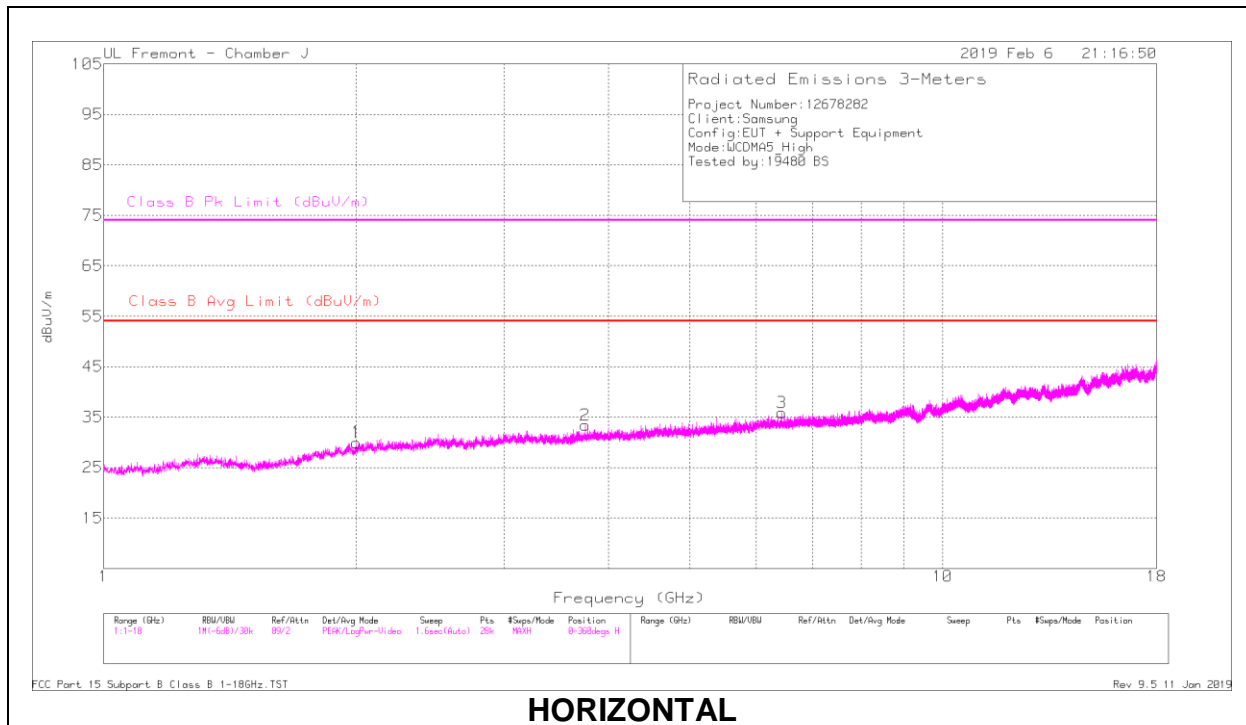
VERTICAL

RADIATED EMISSIONS

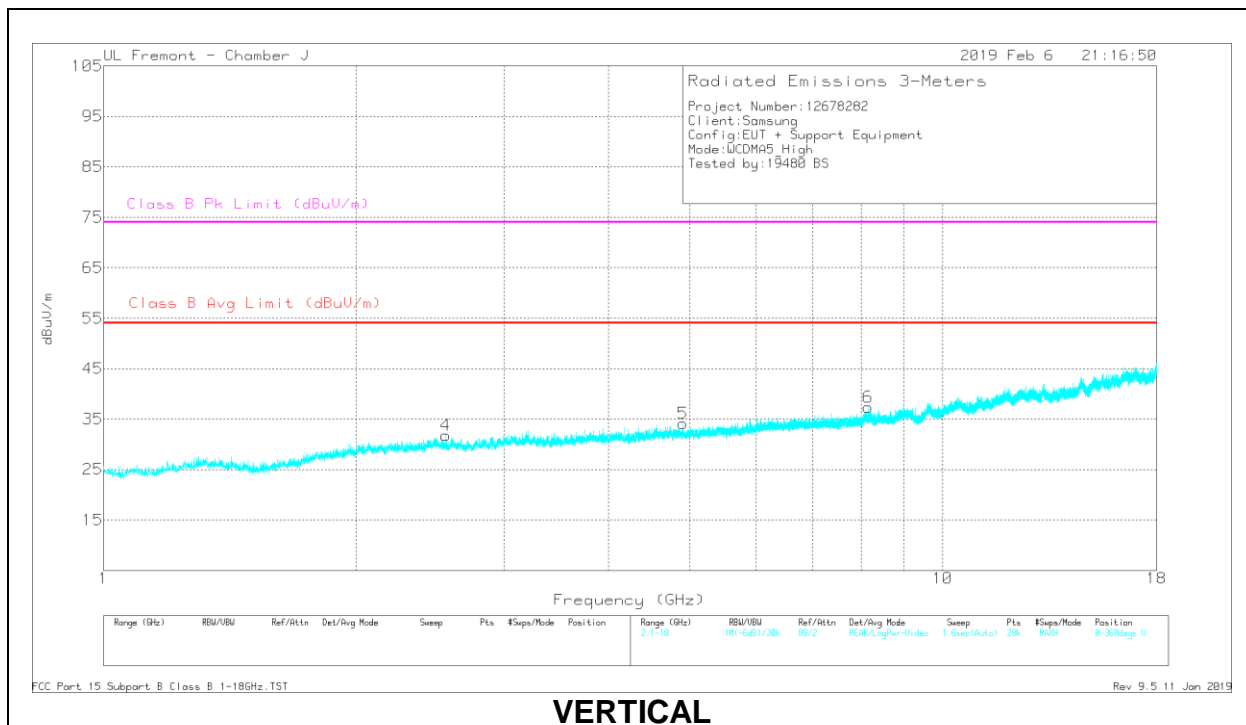
Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.075	34.35	Pk	31.8	-35.9	30.25			74	-43.75	9	101	H
2.075	21.46	Av	31.8	-35.9	17.36	54	-36.64	-	-	9	101	H
4.028	31.72	Pk	33.5	-33	32.22			74	-41.78	318	101	H
4.028	18.89	Av	33.5	-33	19.39	54	-34.61	-	-	318	101	H
7.65	27.24	Pk	35.7	-28	34.94			74	-39.06	321	196	H
7.65	14.72	Av	35.7	-28	22.42	54	-31.58	-	-	321	196	H
1.58	43.76	Pk	28.3	-36.2	35.86			74	-38.14	175	103	V
1.58	30.25	Av	28.3	-36.2	22.35	54	-31.65	-	-	175	103	V
4.364	40.57	Pk	33.7	-32.2	42.07			74	-31.93	206	103	V
4.364	27.14	Av	33.7	-32.2	28.64	54	-25.36	-	-	206	103	V
7.427	37.49	Pk	35.6	-28.3	44.79			74	-29.21	357	196	V
7.427	23.92	Av	35.6	-28.3	31.22	54	-22.78	-	-	357	196	V

Pk - Peak detector
 Av - Average detection

HIGH CHANNEL(891.6MHz)



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

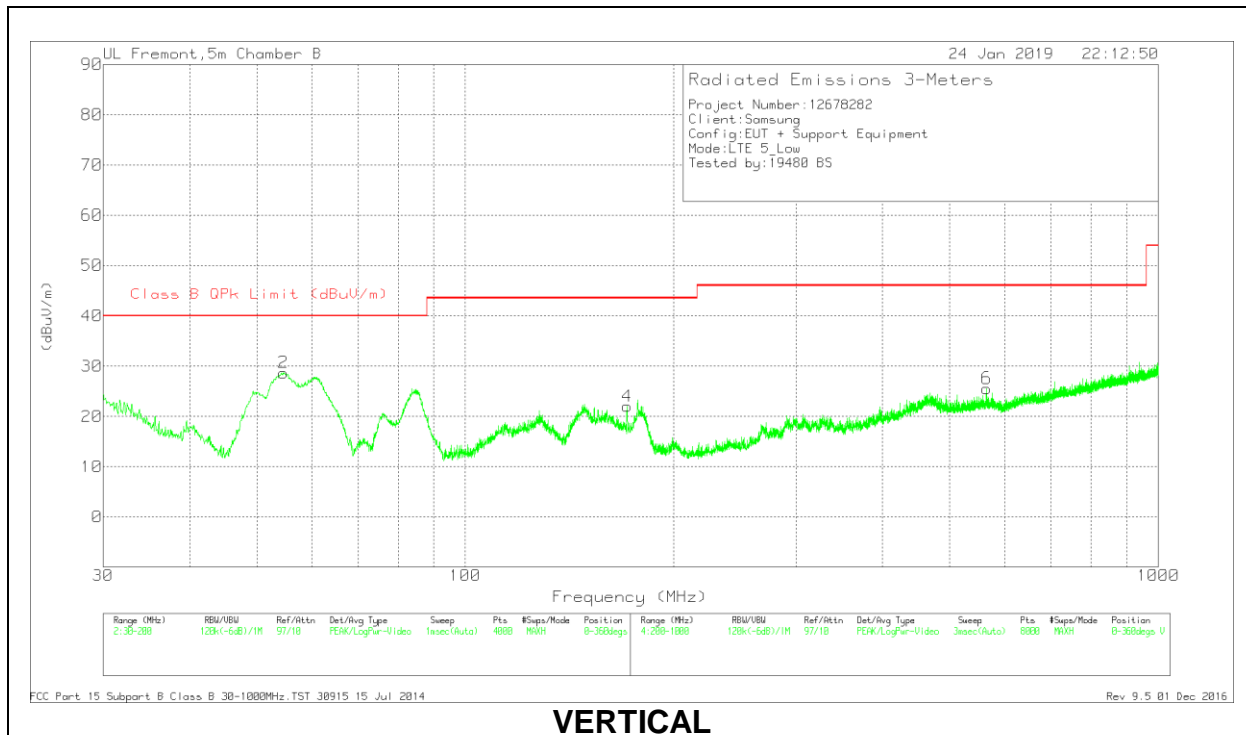
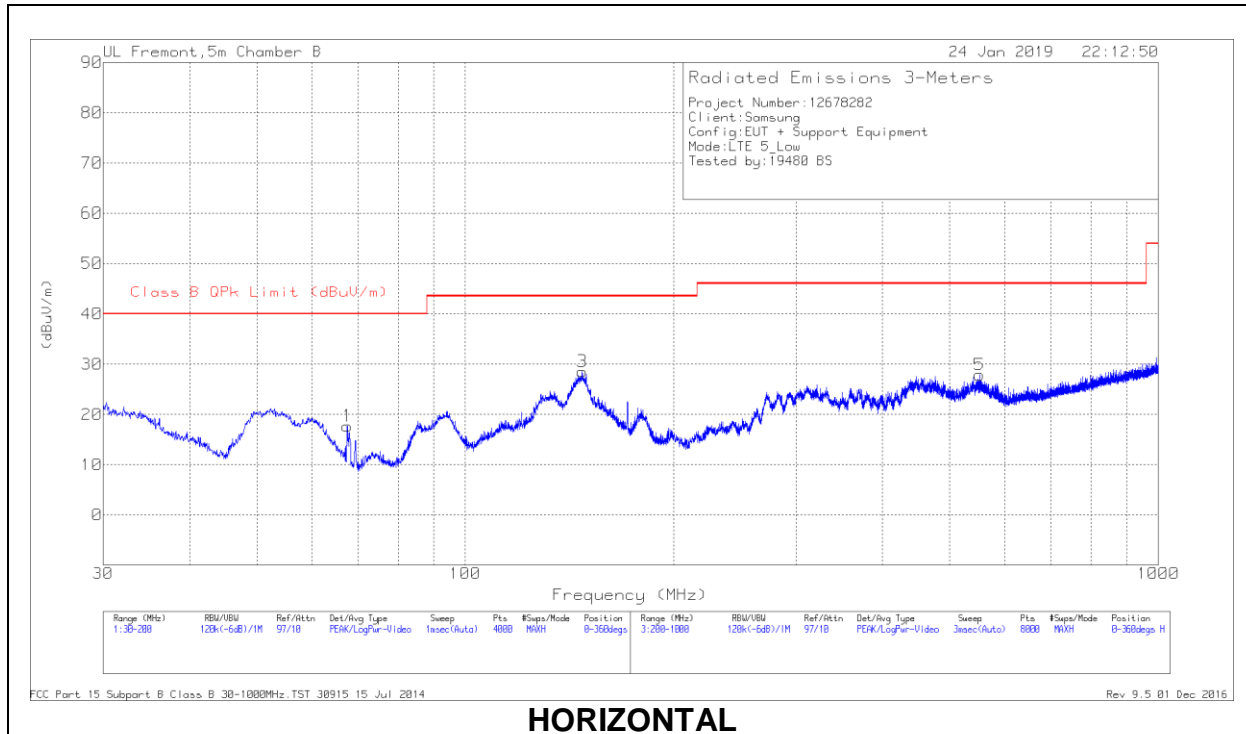
Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.001	33.47	Pk	31.4	-35.9	28.97			74	-45.03	45	196	H
2.001	20.9	Av	31.4	-35.9	16.4	54	-37.6	-	-	45	196	H
3.753	31.92	Pk	33.4	-33.7	31.62			74	-42.38	237	196	H
3.753	19.16	Av	33.4	-33.7	18.86	54	-35.14	-	-	237	196	H
6.43	28.1	Pk	35.5	-29.2	34.4			74	-39.6	350	196	H
6.43	15.6	Av	35.5	-29.2	21.9	54	-32.1	-	-	350	196	H
2.56	43.58	Pk	32.5	-35.6	40.48			74	-33.52	268	104	V
2.56	30.28	Av	32.5	-35.6	27.18	54	-26.82	-	-	268	104	V
4.906	40.44	Pk	34	-31.9	42.54			74	-31.46	257	104	V
4.906	27.14	Av	34	-31.9	29.24	54	-24.76	-	-	257	104	V
8.154	37.53	Pk	35.7	-27.6	45.63			74	-28.37	215	104	V
8.154	23.55	Av	35.7	-27.6	31.65	54	-22.35	-	-	215	104	V

Pk - Peak detector
 Av - Average detection

11.3. LTE Band 5

11.3.1. BELOW 1GHz

LOW CHANNEL(870.5MHz)

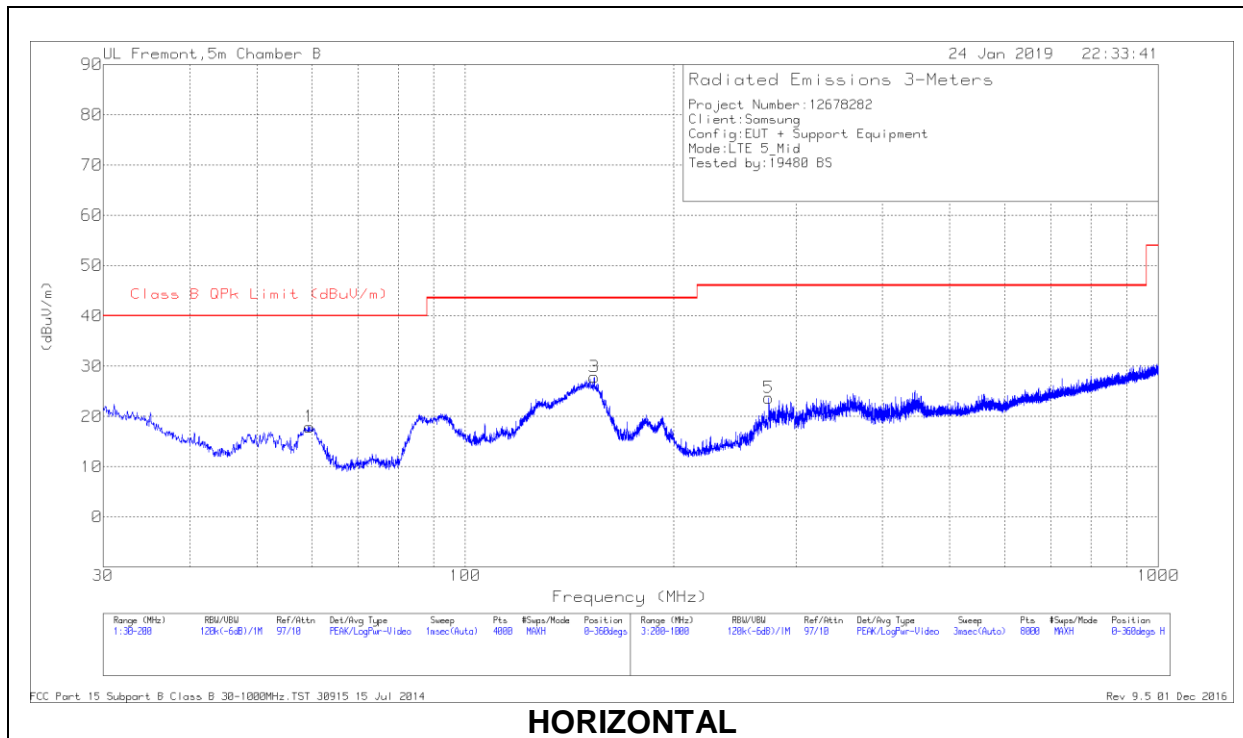


RADIATED EMISSIONS

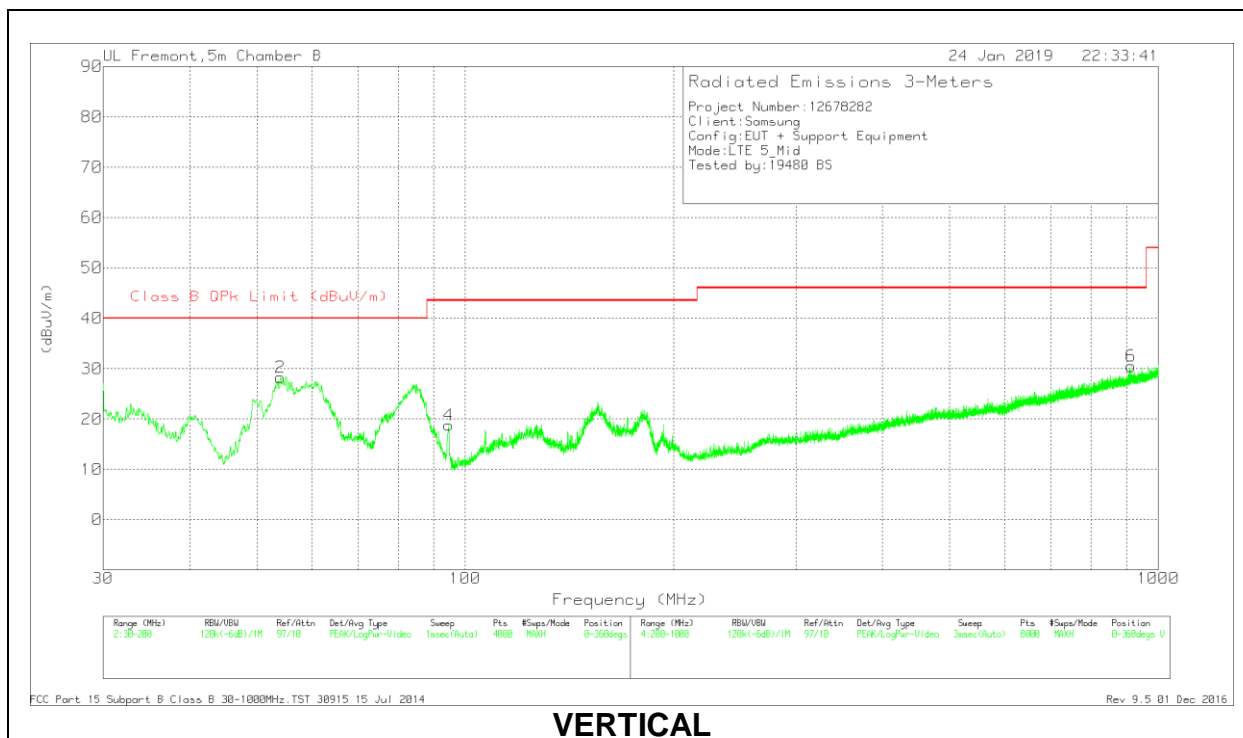
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	54.6139	48.6	Pk	11.2	-31.1	28.7	40	-11.3	0-360	100	V
1	67.5585	36.58	Pk	12.1	-31	17.68	40	-22.32	0-360	400	H
3	147.4579	42.24	Pk	16.6	-30.3	28.54	43.52	-14.98	0-360	200	H
4	171.2215	36.49	Pk	15.7	-30.2	21.99	43.52	-21.53	0-360	100	V
5	551.9457	34.36	Pk	22.3	-28.8	27.86	46.02	-18.16	0-360	200	H
6	565.2475	31.77	Pk	22.6	-28.8	25.57	46.02	-20.45	0-360	200	V

Pk - Peak detector

MID CHANNEL(881.5MHz)



HORIZONTAL



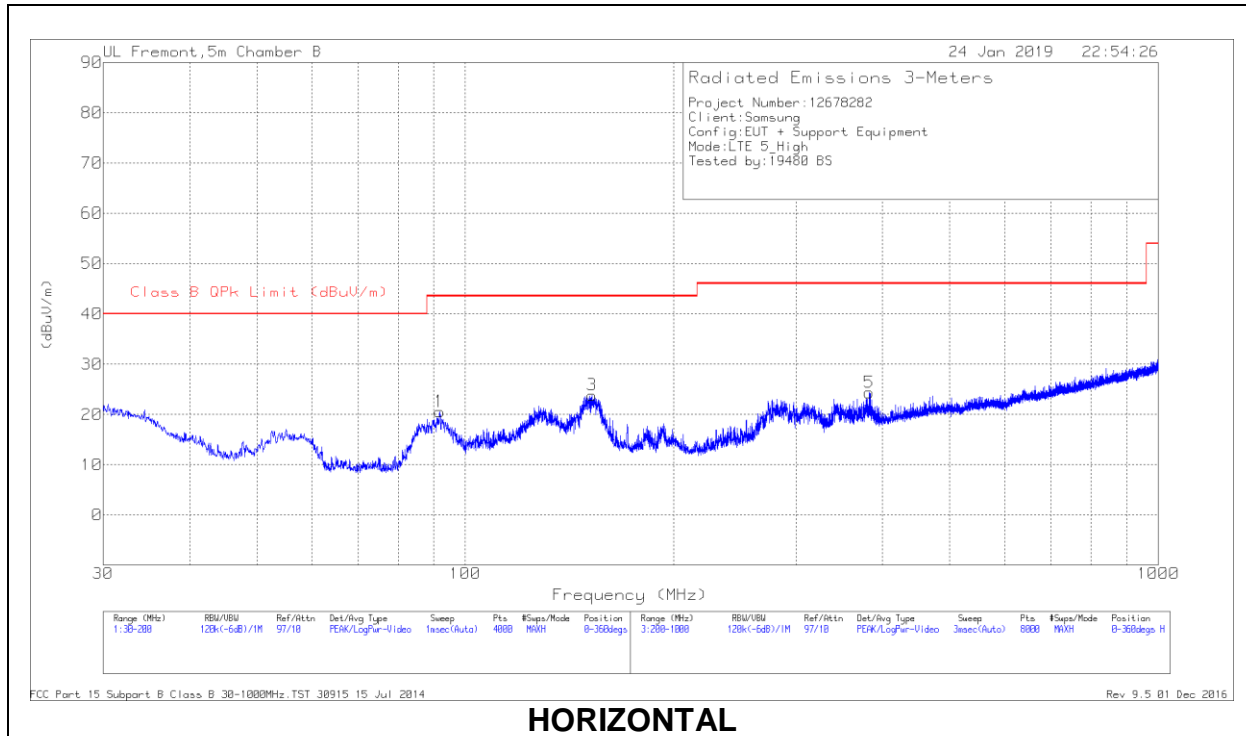
VERTICAL

RADIATED EMISSIONS

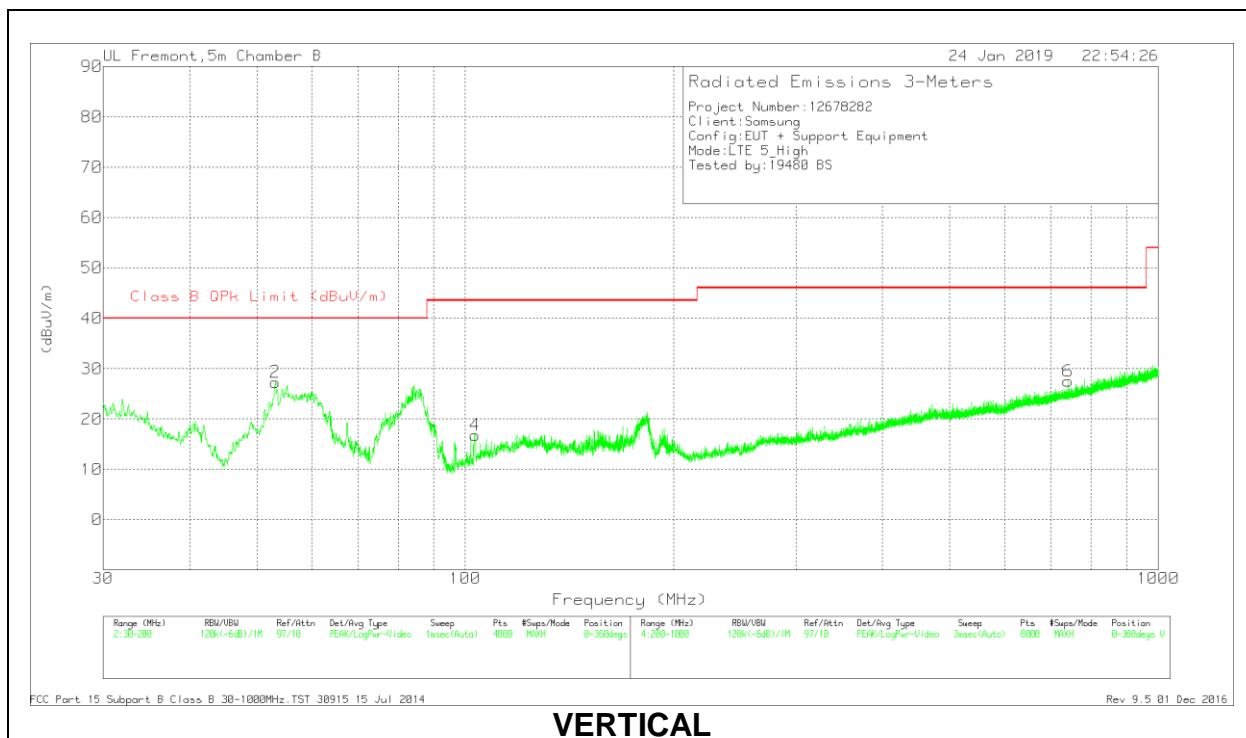
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	54.1037	48.16	Pk	11.2	-31.1	28.26	40	-11.74	0-360	100	V
1	59.5877	37.47	Pk	11.6	-31.1	17.97	40	-22.03	0-360	400	H
4	94.6167	36.66	Pk	12.8	-30.7	18.76	43.52	-24.76	0-360	100	V
3	153.4519	41.74	Pk	16.4	-30.3	27.84	43.52	-15.68	0-360	200	H
5	274.0096	35.92	Pk	17.4	-29.6	23.72	46.02	-22.3	0-360	101	H
6	913.5928	30.48	Pk	26.7	-26.7	30.48	46.02	-15.54	0-360	300	V

Pk - Peak detector

HIGH CHANNEL(892.5MHz)



HORIZONTAL



VERTICAL

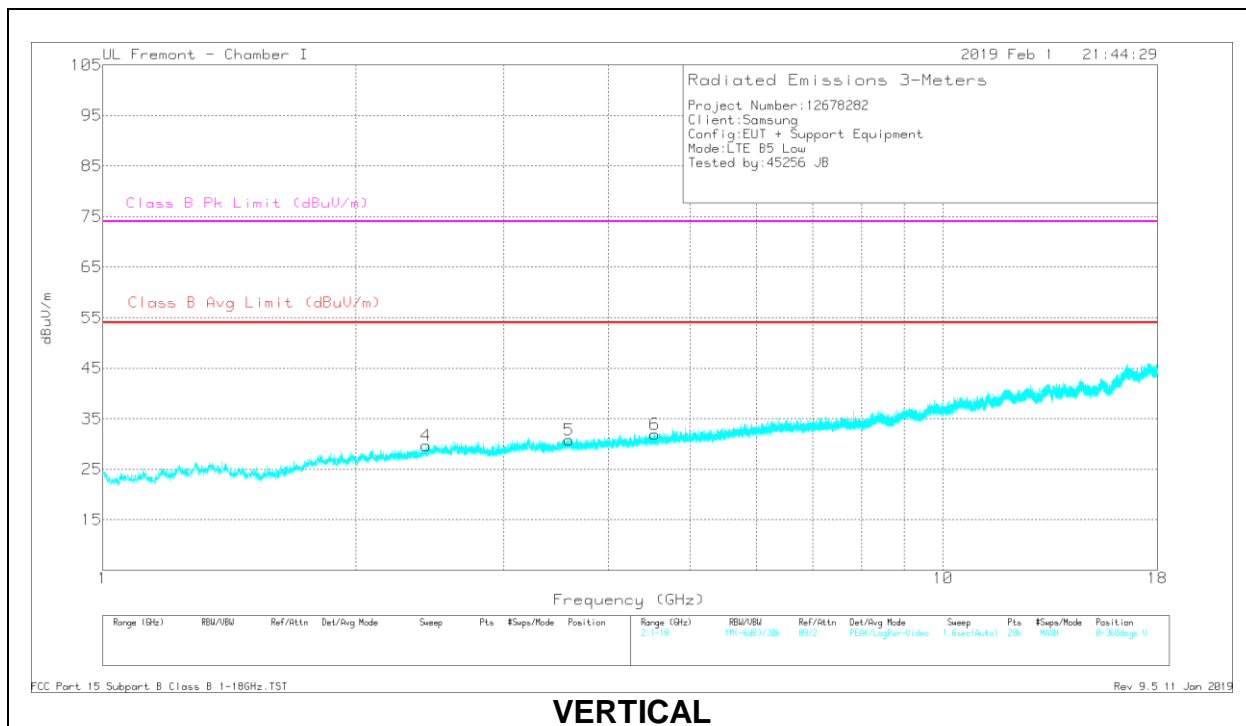
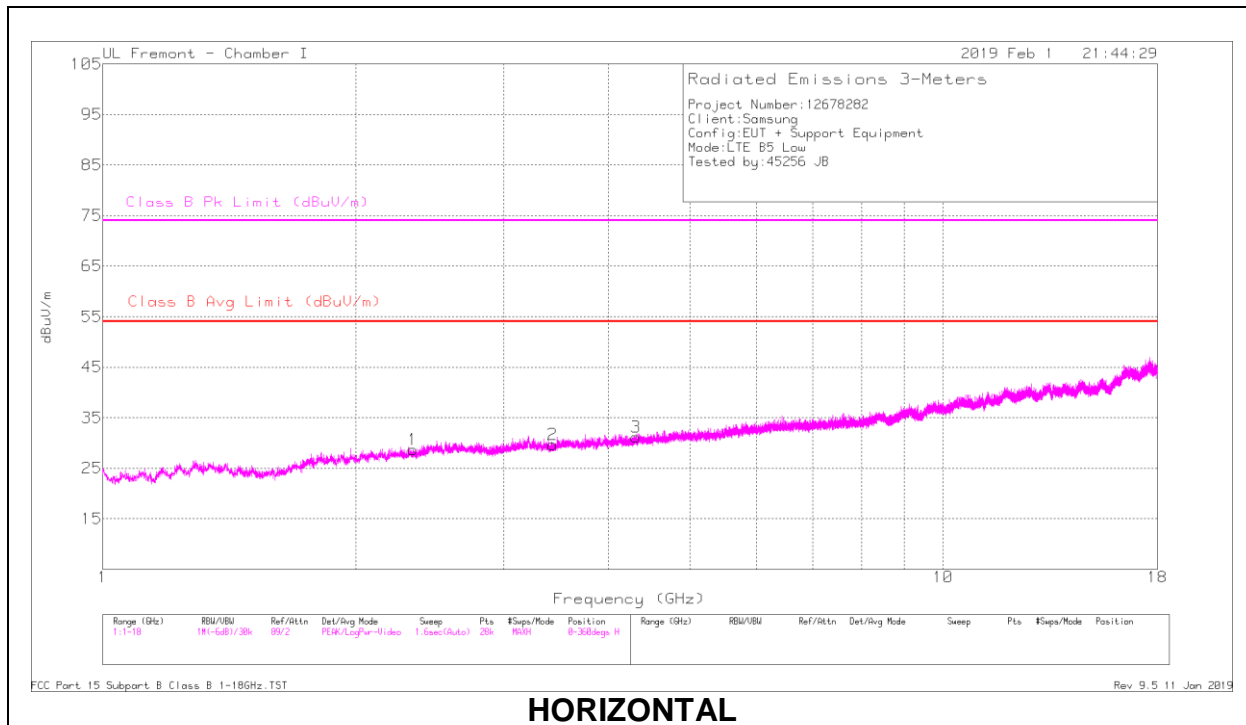
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	53.211	47.11	Pk	11.3	-31.1	27.31	40	-12.69	0-360	100	V
1	91.811	39.17	Pk	12.1	-30.7	20.57	43.52	-22.95	0-360	200	H
4	103.3315	32.1	Pk	15.3	-30.6	16.8	43.52	-26.72	0-360	100	V
3	152.3467	37.73	Pk	16.4	-30.3	23.83	43.52	-19.69	0-360	400	H
5	382.5237	34.76	Pk	19	-29.4	24.36	46.02	-21.66	0-360	101	H
6	741.0703	30.93	Pk	24.6	-28	27.53	46.02	-18.49	0-360	300	V

Pk - Peak detector

11.3.2. ABOVE 1GHz

LOW CHANNEL(870.5MHz)

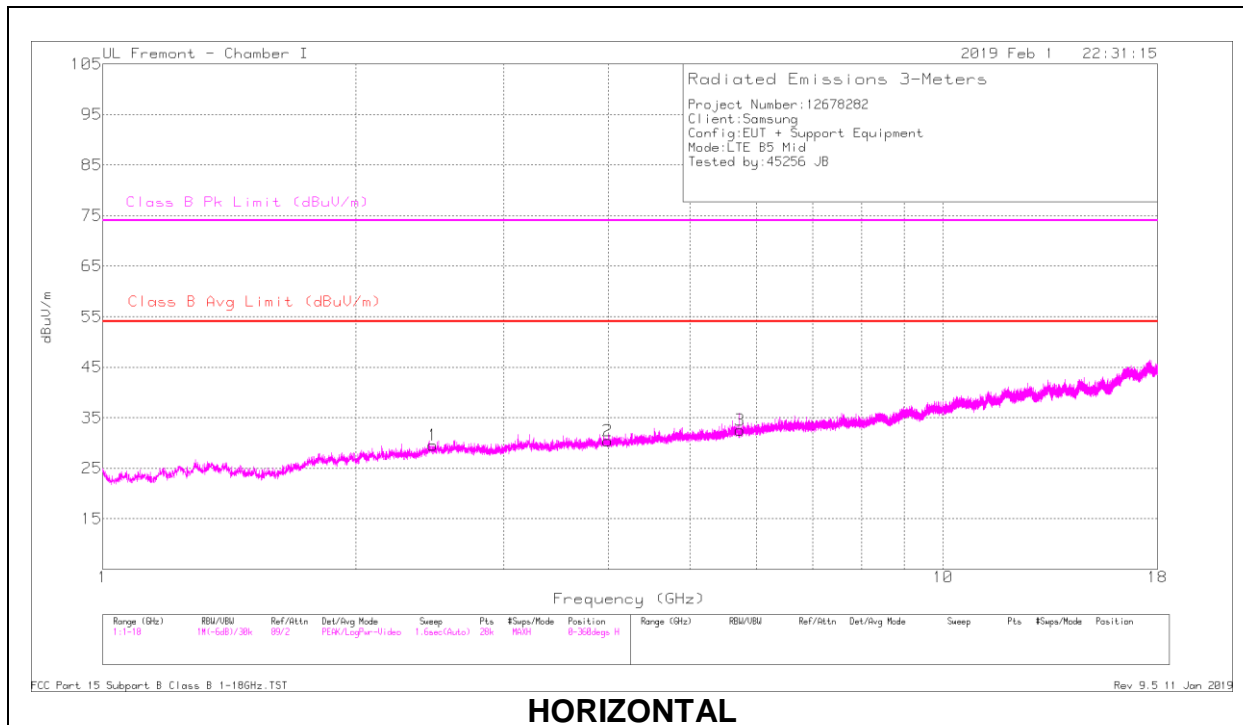


RADIATED EMISSIONS

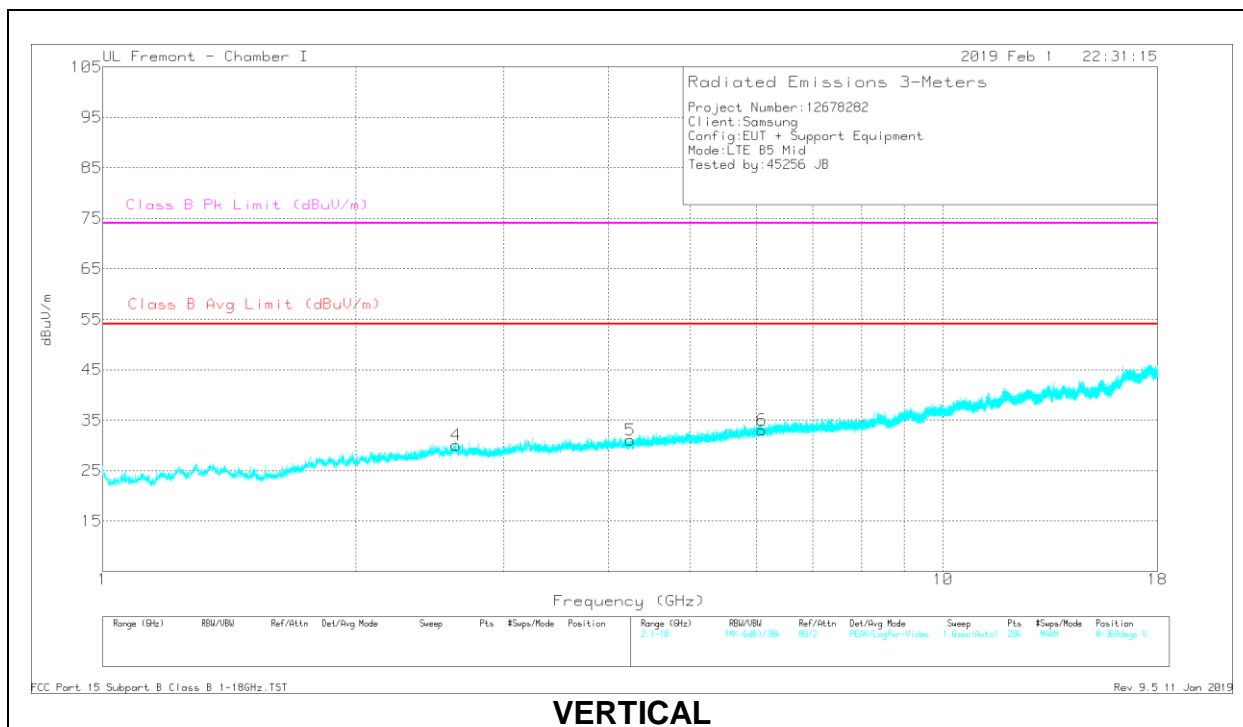
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.341	28.97	Pk	31.5	-32.2	28.27	54	-25.73	-	-	165	375	H
2.341	16.42	Av	31.5	-32.2	15.72	54	-38.28	-	-	165	375	H
3.431	25.42	Avg	32.7	-30.9	27.22	54	-26.78	-	-	35	302	H
3.431	15.29	Av	32.7	-30.9	17.09	54	-36.91	-	-	35	302	H
4.311	24.48	Avg	33.5	-29.5	28.48	54	-25.52	-	-	204	227	H
4.311	14.53	Av	33.5	-29.5	18.53	54	-35.47	-	-	204	227	H
2.421	25.35	Av	32.1	-32.1	25.35	54	-28.65	-	-	323	181	V
3.589	26.97	Avg	33.1	-30.2	29.87	54	-24.13	-	-	354	288	V
3.589	24.12	Av	33.1	-30.2	27.02	54	-26.98	-	-	354	288	V
4.546	28.77	Avg	33.8	-29.6	32.97	54	-21.03	-	-	110	292	V
4.546	23.69	Av	33.8	-29.6	27.89	54	-26.11	-	-	110	292	V

Pk - Peak detector
 Av - Average detection

MID CHANNEL(881.5MHz)



HORIZONTAL



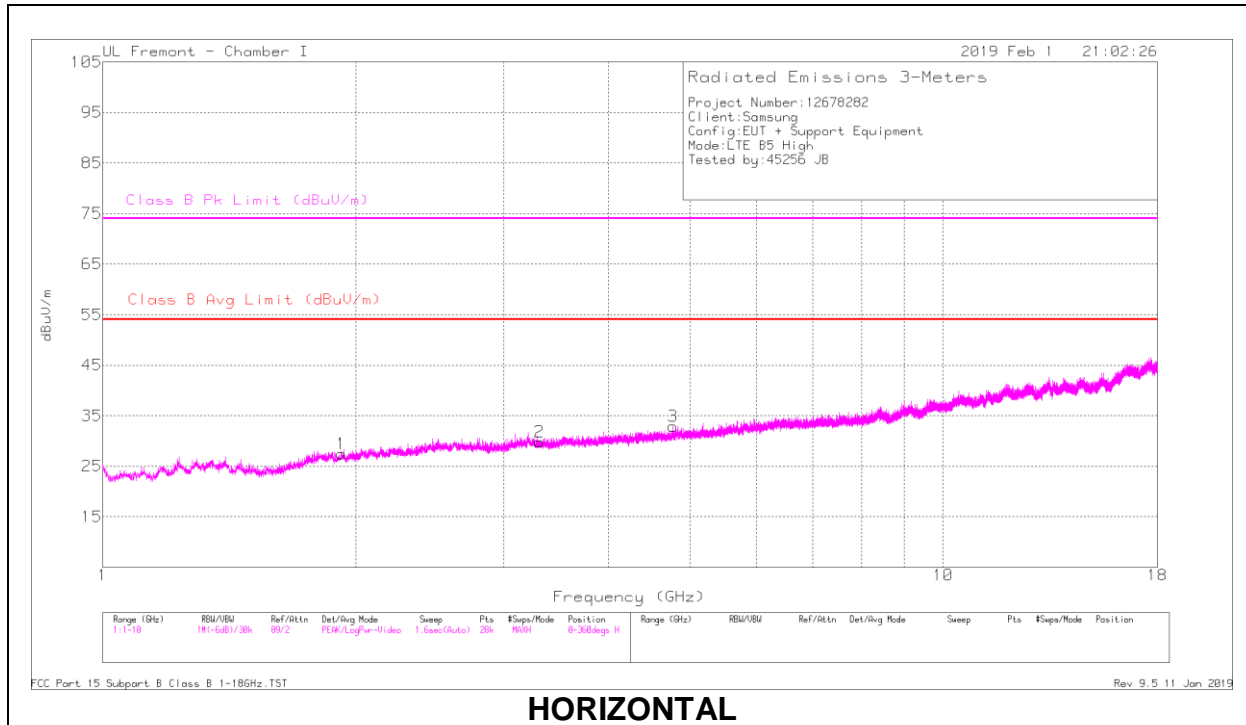
VERTICAL

RADIATED EMISSIONS

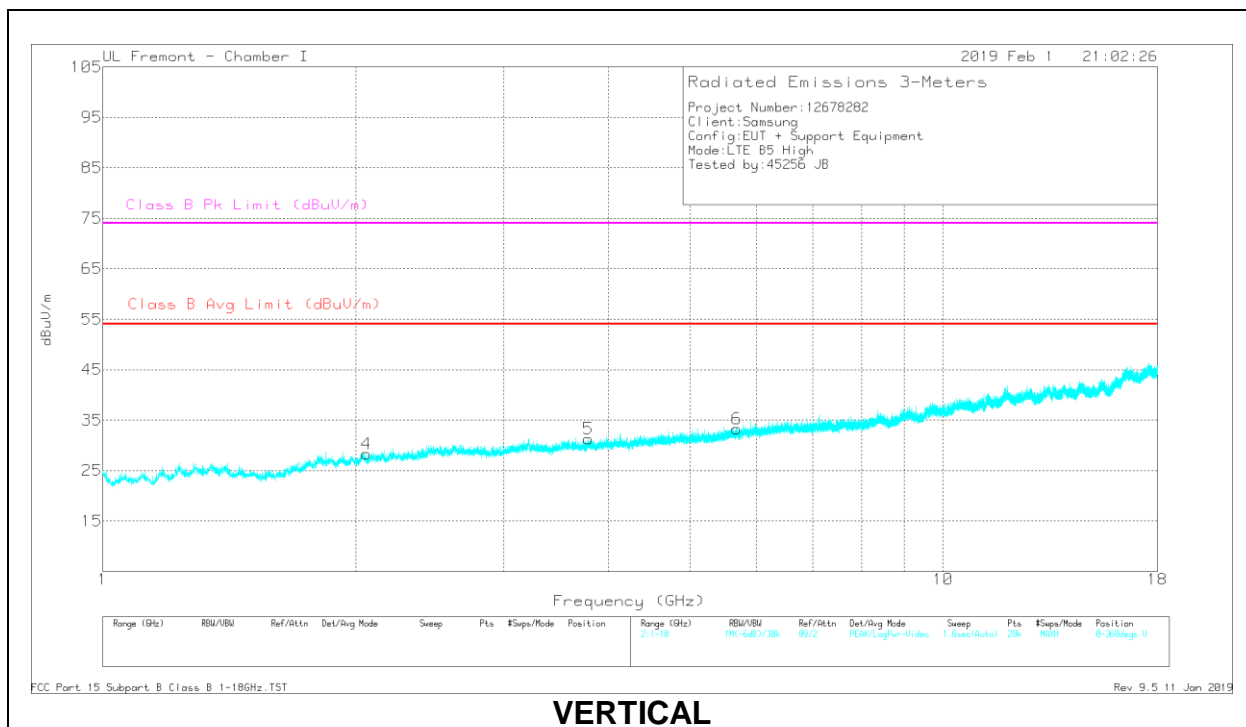
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.47	29.79	Pk	32.3	-32	30.09	54	-23.91	74	-43.91	201	135	H
2.47	16.23	Av	32.3	-32	16.53	54	-37.47	-	-	201	135	H
3.99	25.13	Avg	33.3	-30.3	28.13	54	-25.87	-	-	122	120	H
3.99	14.85	Av	33.3	-30.3	17.85	54	-36.15	-	-	122	120	H
5.736	23.35	Avg	35.1	-28.4	30.05	54	-23.95	-	-	275	138	H
5.736	13.43	Av	35.1	-28.4	20.13	54	-33.87	-	-	275	138	H
2.632	29.57	Avg	32.6	-31.3	30.87	54	-23.13	-	-	98	396	V
2.632	24.93	Av	32.6	-31.3	26.23	54	-27.77	-	-	98	396	V
4.242	28.9	Avg	33.3	-29.6	32.6	54	-21.4	-	-	0	147	V
4.242	23.82	Av	33.3	-29.6	27.52	54	-26.48	-	-	0	147	V
6.094	27.36	Avg	35.4	-28.1	34.66	54	-19.34	-	-	0	370	V
6.094	22.55	Av	35.4	-28.1	29.85	54	-24.15	-	-	0	370	V

Pk - Peak detector
 Av - Average detection

HIGH CHANNEL(892.5MHz)



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

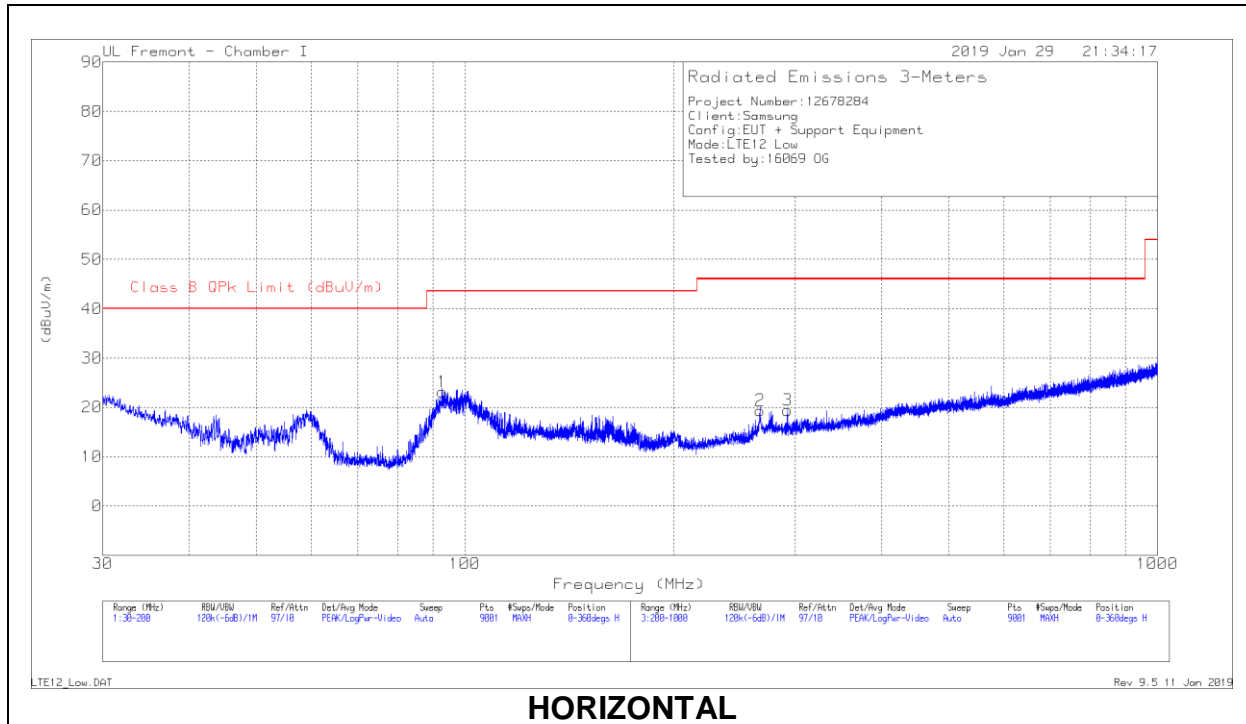
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.924	30.45	Pk	30.7	-32.7	28.45	54	-25.55	74	-45.55	276	396	H
1.924	17.23	Av	30.7	-32.7	15.23	54	-38.77	-	-	276	396	H
3.308	25.08	Avg	32.7	-30.9	26.88	54	-27.12	-	-	34	292	H
3.308	15.48	Av	32.7	-30.9	17.28	54	-36.72	-	-	34	292	H
4.771	23.91	Avg	34.1	-29.1	28.91	54	-25.09	-	-	288	146	H
4.771	14.35	Av	34.1	-29.1	19.35	54	-34.65	-	-	288	146	H
2.061	30.11	Avg	31.2	-32.6	28.71	54	-25.29	-	-	188	396	V
2.061	25.52	Av	31.2	-32.6	24.12	54	-29.88	-	-	188	396	V
3.781	28.55	Avg	33.1	-30	31.65	54	-22.35	-	-	70	132	V
3.781	24.05	Av	33.1	-30	27.15	54	-26.85	-	-	70	132	V
5.68	27.66	Avg	35	-28.7	33.96	54	-20.04	-	-	307	244	V
5.68	23.04	Av	35	-28.7	29.34	54	-24.66	-	-	307	244	V

Pk - Peak detector
 Av - Average detection

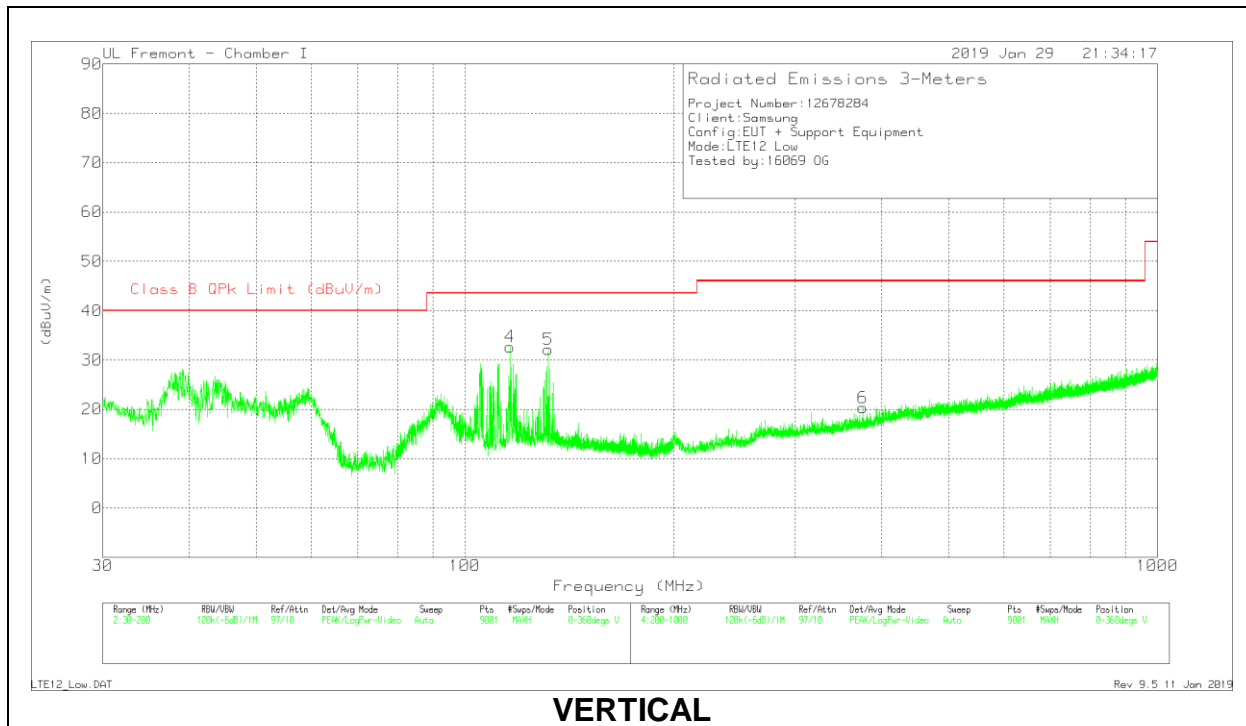
11.4. LTE Band 12

11.4.1. BELOW 1GHz

LOW CHANNEL(730.5MHz)



HORIZONTAL



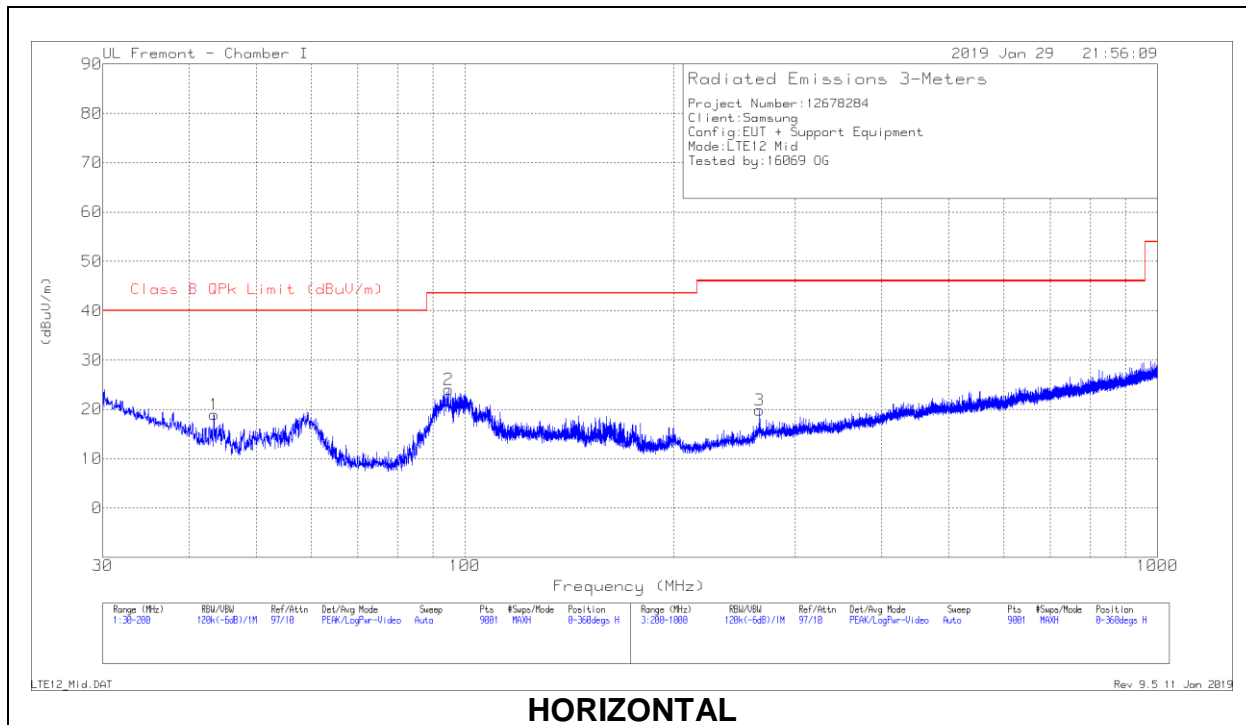
VERTICAL

RADIATED EMISSIONS

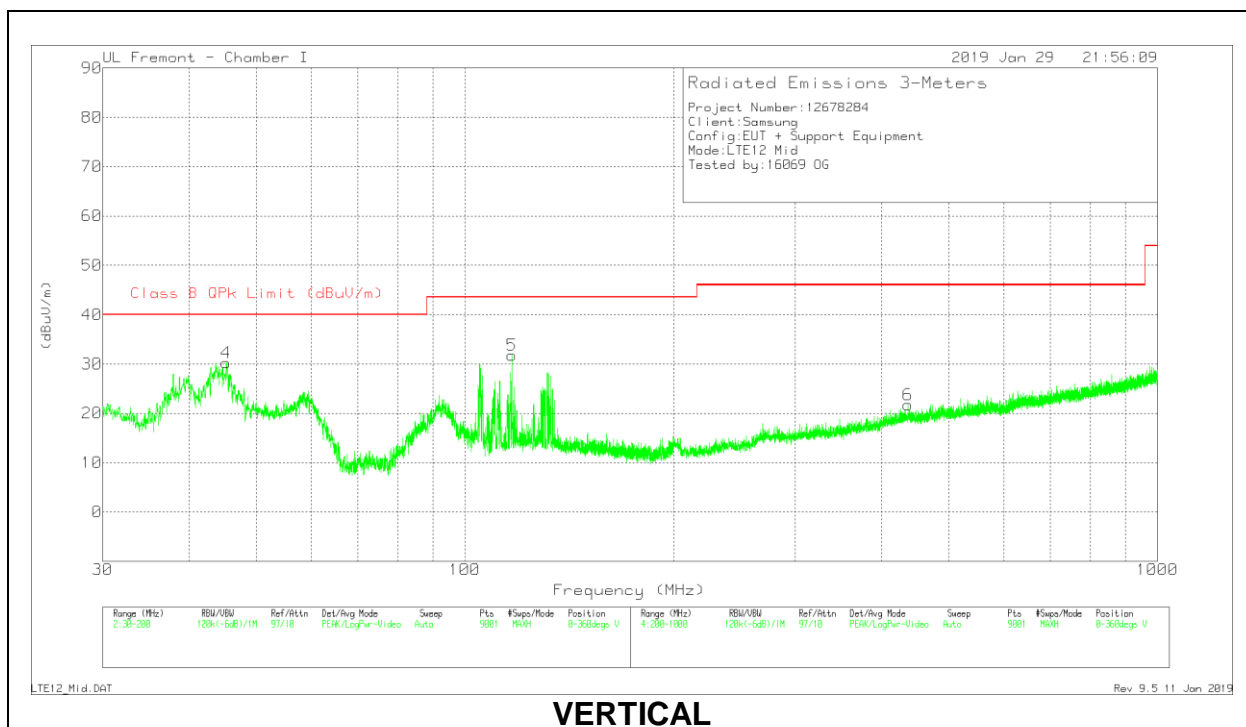
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	92.8437	39.77	Pk	14.2	-30.8	23.17	43.52	-20.35	0-360	199	H
4	116.1716	44.02	Pk	19.3	-30.6	32.72	43.52	-10.8	0-360	101	V
5	131.8873	43.4	Pk	19.4	-30.6	32.2	43.52	-11.32	0-360	101	V
2	266.9334	30.29	Pk	19	-29.9	19.39	46.02	-26.63	0-360	101	H
3	292.1779	30	Pk	19.2	-29.8	19.4	46.02	-26.62	0-360	101	H
6	375.5558	28.93	Pk	20.9	-29.5	20.33	46.02	-25.69	0-360	199	V

Pk - Peak detector

MID CHANNEL(737.5MHz)



HORIZONTAL



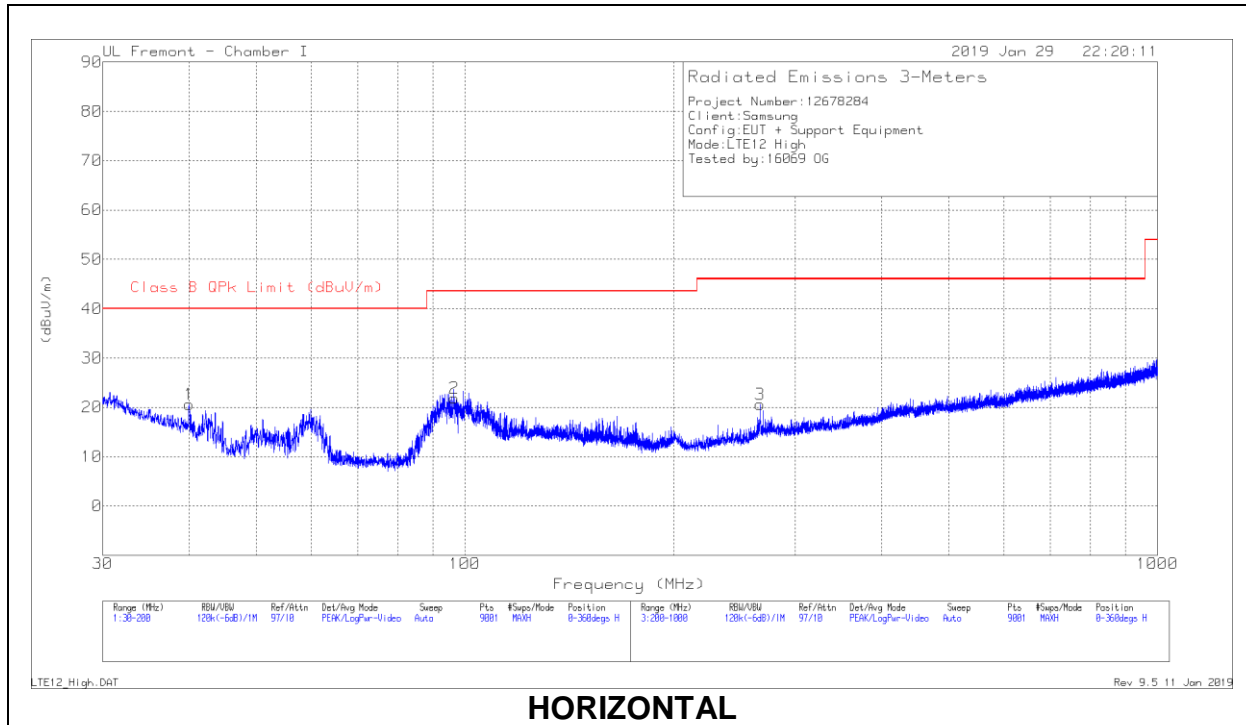
VERTICAL

RADIATED EMISSIONS

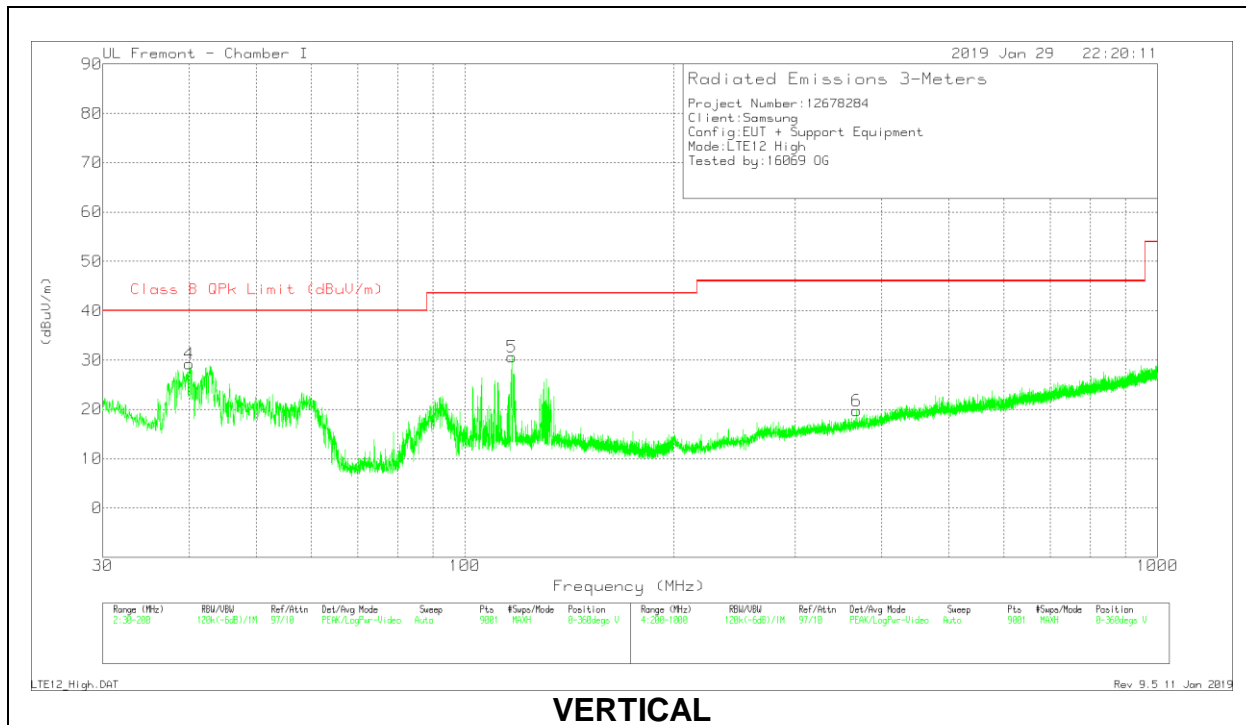
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	43.4301	33.06	Pk	17.1	-31.2	18.96	40	-21.04	0-360	299	H
2	94.657	40.27	Pk	14.6	-30.8	24.07	43.52	-19.45	0-360	200	H
4	45.2434	45.6	Pk	15.9	-31.2	30.3	40	-9.7	0-360	101	V
5	116.9272	42.94	Pk	19.4	-30.6	31.74	43.52	-11.78	0-360	101	V
3	266.2223	30.79	Pk	18.9	-29.9	19.79	46.02	-26.23	0-360	101	H
6	436.6225	28.69	Pk	22.5	-29.4	21.79	46.02	-24.23	0-360	300	V

Pk - Peak detector

HIGH CHANNEL(744.5MHz)



HORIZONTAL



VERTICAL

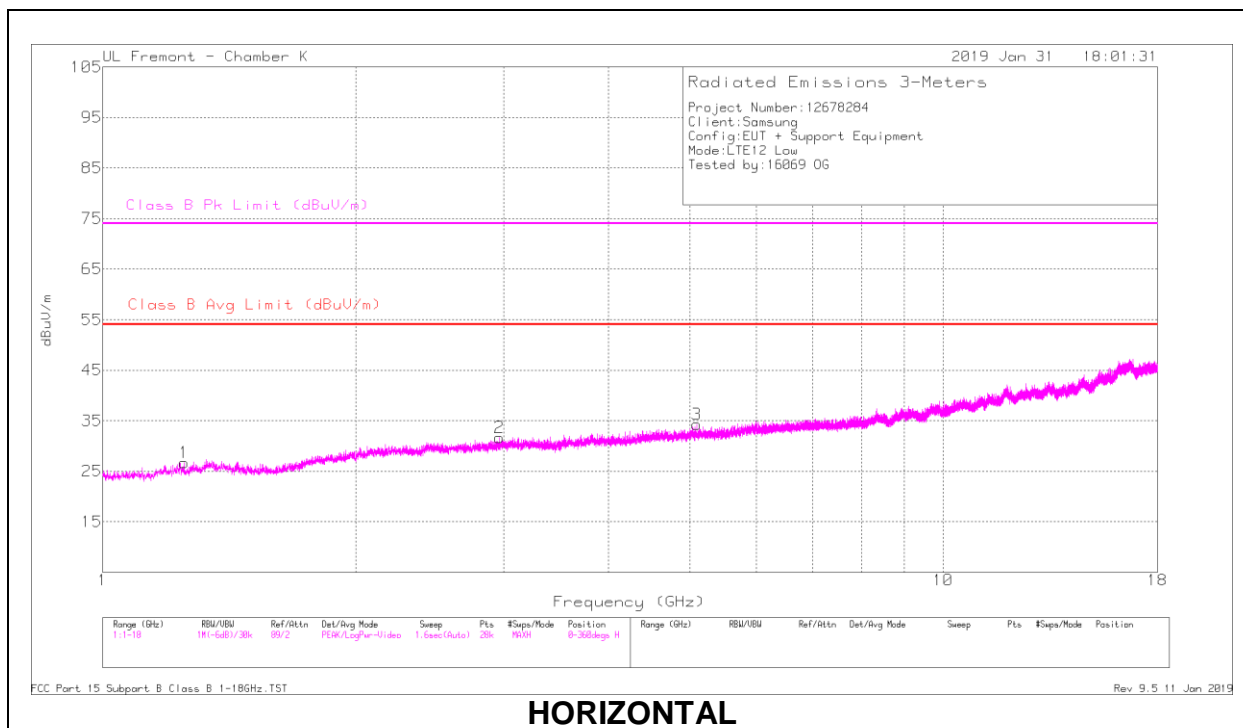
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	39.9734	32.11	Pk	19.7	-31.2	20.61	40	-19.39	0-360	300	H
2	96.4704	37.72	Pk	15	-30.8	21.92	43.52	-21.6	0-360	300	H
4	39.9923	40.76	Pk	19.7	-31.2	29.26	40	-10.74	0-360	101	V
5	116.9083	41.87	Pk	19.4	-30.6	30.67	43.52	-12.85	0-360	101	V
3	266.7556	31.5	Pk	19	-29.9	20.6	46.02	-25.42	0-360	101	H
6	368.0891	28.61	Pk	20.7	-29.6	19.71	46.02	-26.31	0-360	199	V

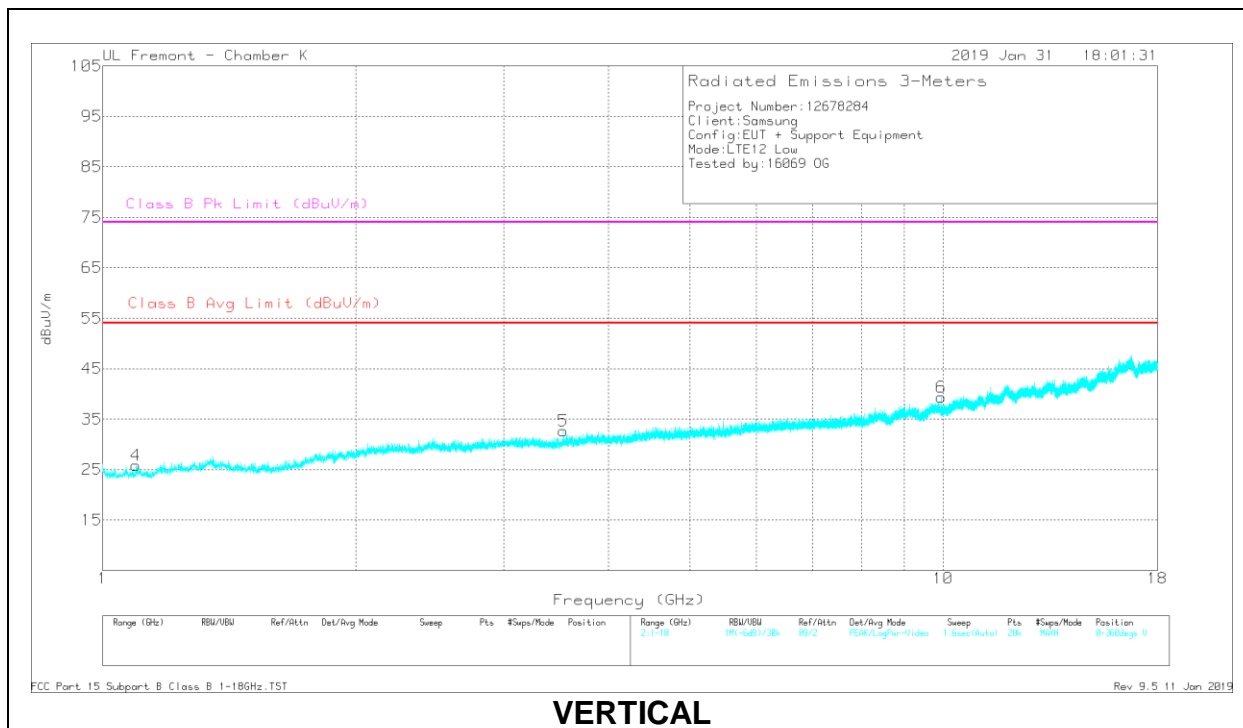
Pk - Peak detector

11.4.2. ABOVE 1GHz

LOW CHANNEL(730.5MHz)



HORIZONTAL



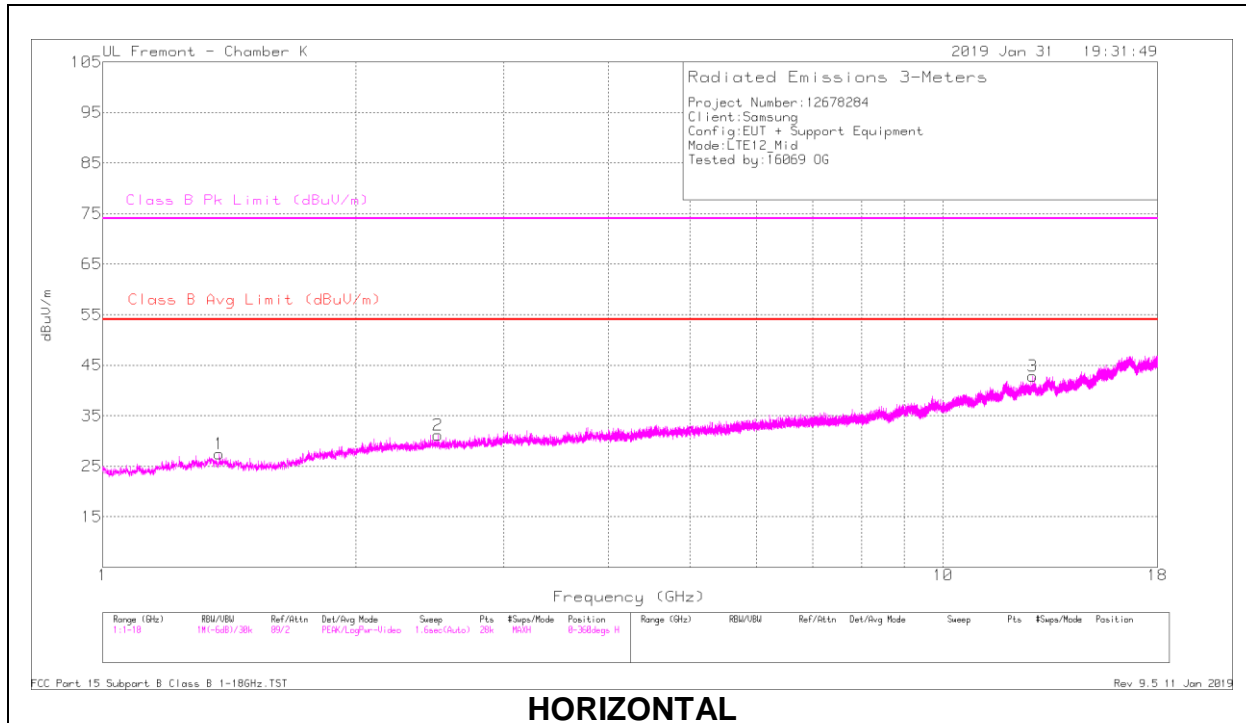
VERTICAL

RADIATED EMISSIONS

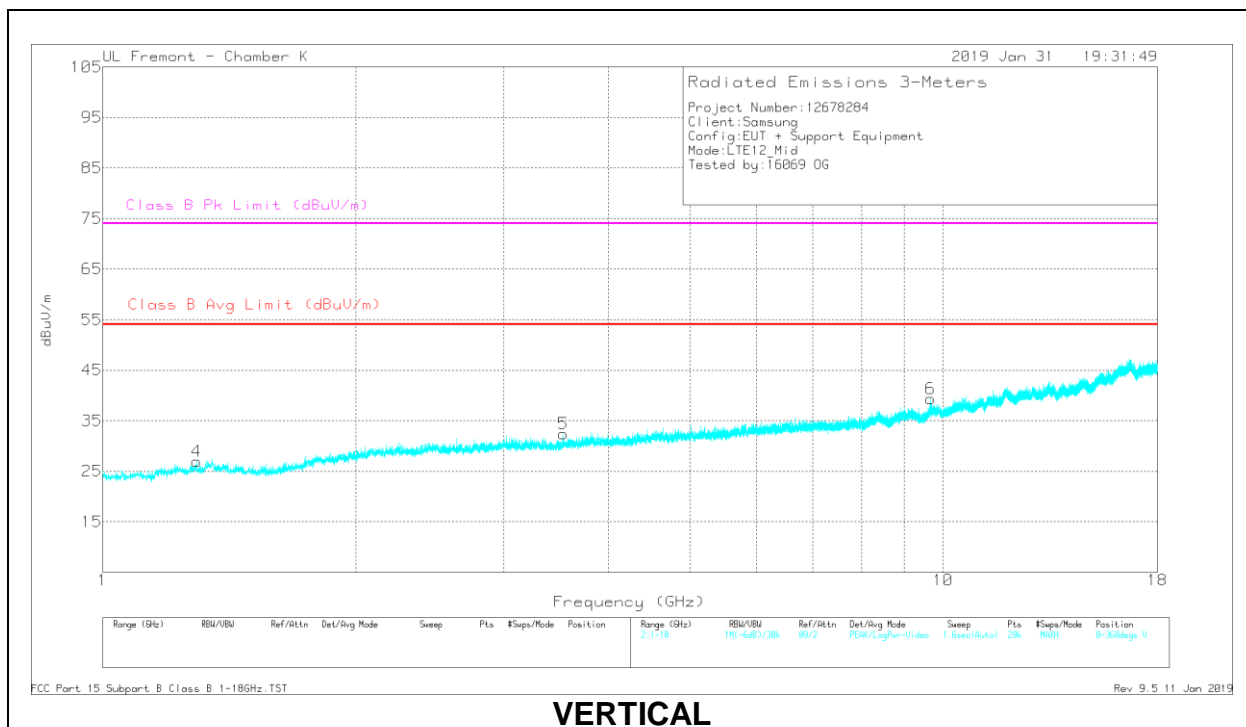
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.249	32.72	Pk	28.6	-35.4	25.92			74	-48.08	213	204	H
1.249	19.75	Av	28.6	-35.4	12.95	54	-41.05	-	-	213	204	H
2.964	32.78	Pk	32.7	-34.6	30.88			74	-43.12	360	370	H
2.964	19.95	Av	32.7	-34.6	18.05	54	-35.95	-	-	360	370	H
5.096	29.16	Pk	34.4	-30.7	32.86			74	-41.14	61	288	H
5.096	16.37	Av	34.4	-30.7	20.07	54	-33.93	-	-	61	288	H
1.096	42.88	Pk	27.4	-35.2	35.08			74	-38.92	55	235	V
1.095	29.13	Av	27.4	-35.2	21.33	54	-32.67	-	-	55	235	V
3.533	40.97	Pk	32.8	-33.2	40.57			74	-33.43	15	379	V
3.532	27.96	Av	32.8	-33.2	27.56	54	-26.44	-	-	15	379	V
9.959	33.97	Pk	37	-24.1	46.87			74	-27.13	217	287	V
9.957	21.09	Av	37	-24.1	33.99	54	-20.01	-	-	217	287	V

Pk - Peak detector
 Av - Average detection

MID CHANNEL(737.5MHz)



HORIZONTAL



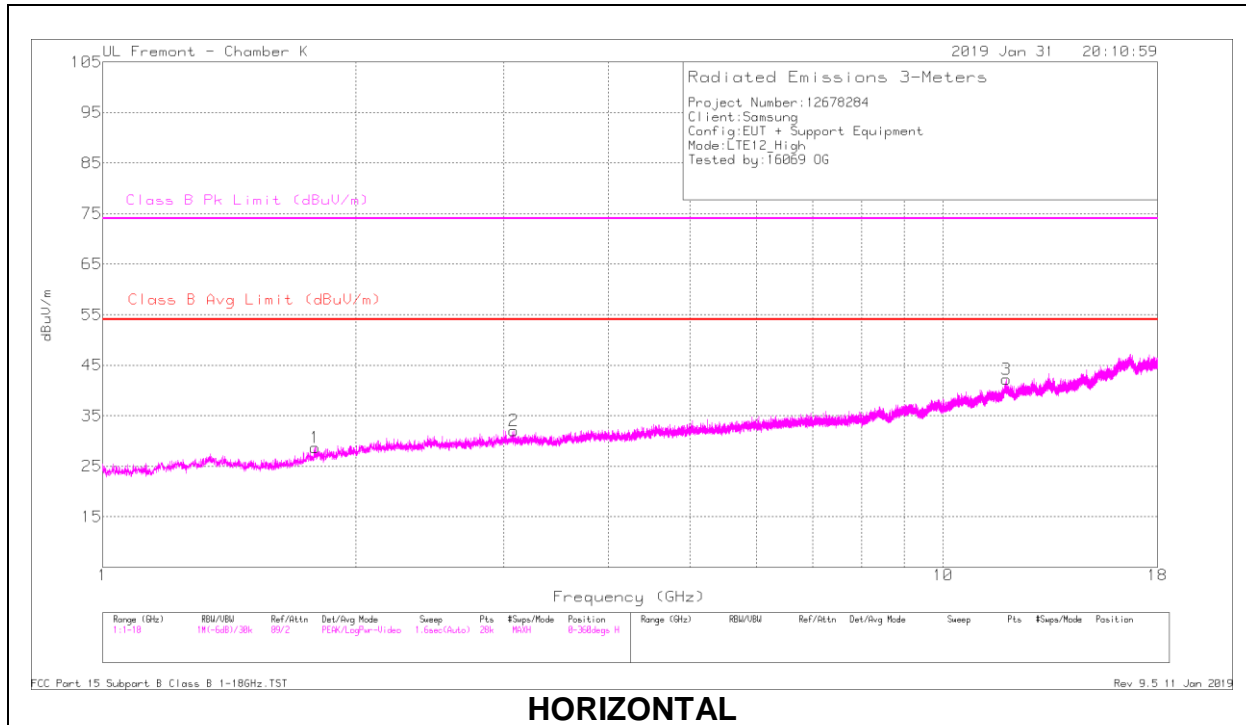
VERTICAL

RADIATED EMISSIONS

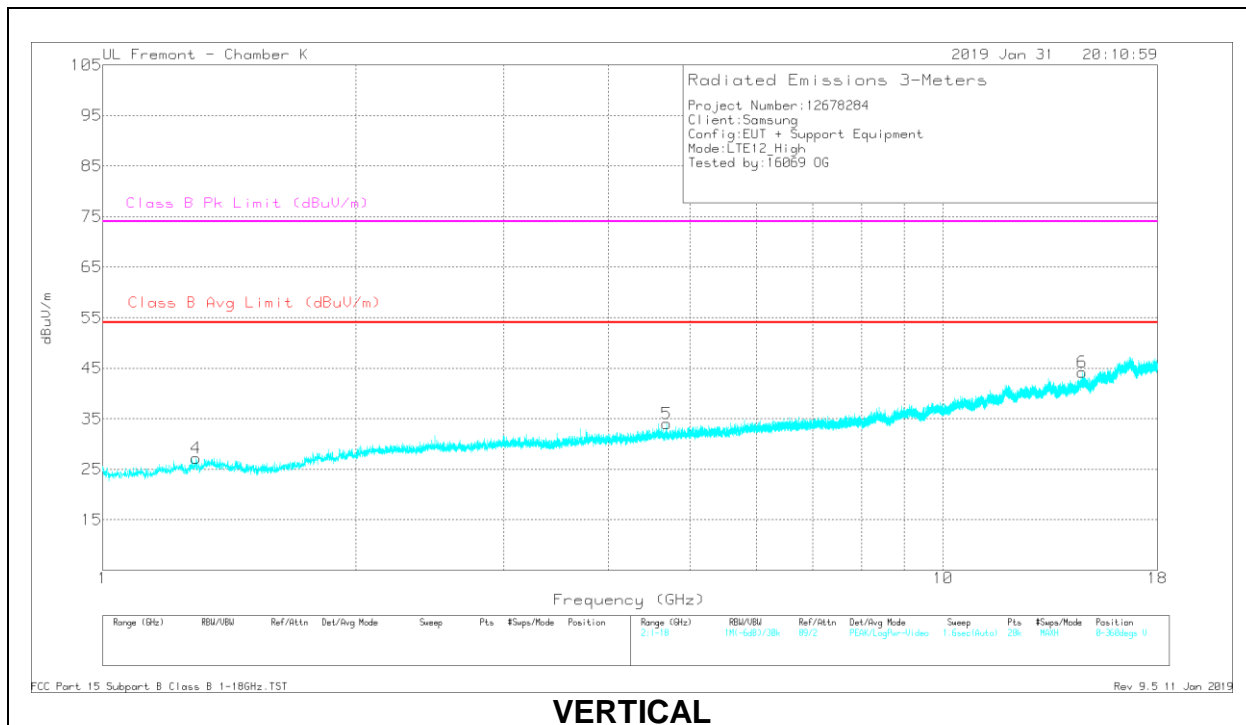
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.376	32.05	Pk	29.2	-35.5	25.75			74	-48.25	7	278	H
1.376	19.94	Av	29.2	-35.5	13.64	54	-40.36	-	-	7	278	H
2.504	34.01	Pk	32.3	-35.2	31.11			74	-42.89	237	315	H
2.504	20.45	Av	32.3	-35.2	17.55	54	-36.45	-	-	237	315	H
12.784	22.49	Pk	39	-20.4	41.09			74	-32.91	144	130	H
12.784	9.69	Av	39	-20.4	28.29	54	-25.71	-	-	144	130	H
1.294	42.94	Pk	28.7	-35.5	36.14			74	-37.86	237	290	V
1.292	29.41	Av	28.7	-35.4	22.71	54	-31.29	-	-	237	290	V
3.535	41.81	Pk	32.8	-33.2	41.41			74	-32.59	65	263	V
3.535	27.84	Av	32.8	-33.2	27.44	54	-26.56	-	-	65	263	V
9.669	35.09	Pk	36.8	-23.8	48.09			74	-25.91	100	133	V
9.667	20.36	Av	36.8	-23.8	33.36	54	-20.64	-	-	100	133	V

Pk - Peak detector
 Av - Average detection

HIGH CHANNEL(744.5MHz)



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

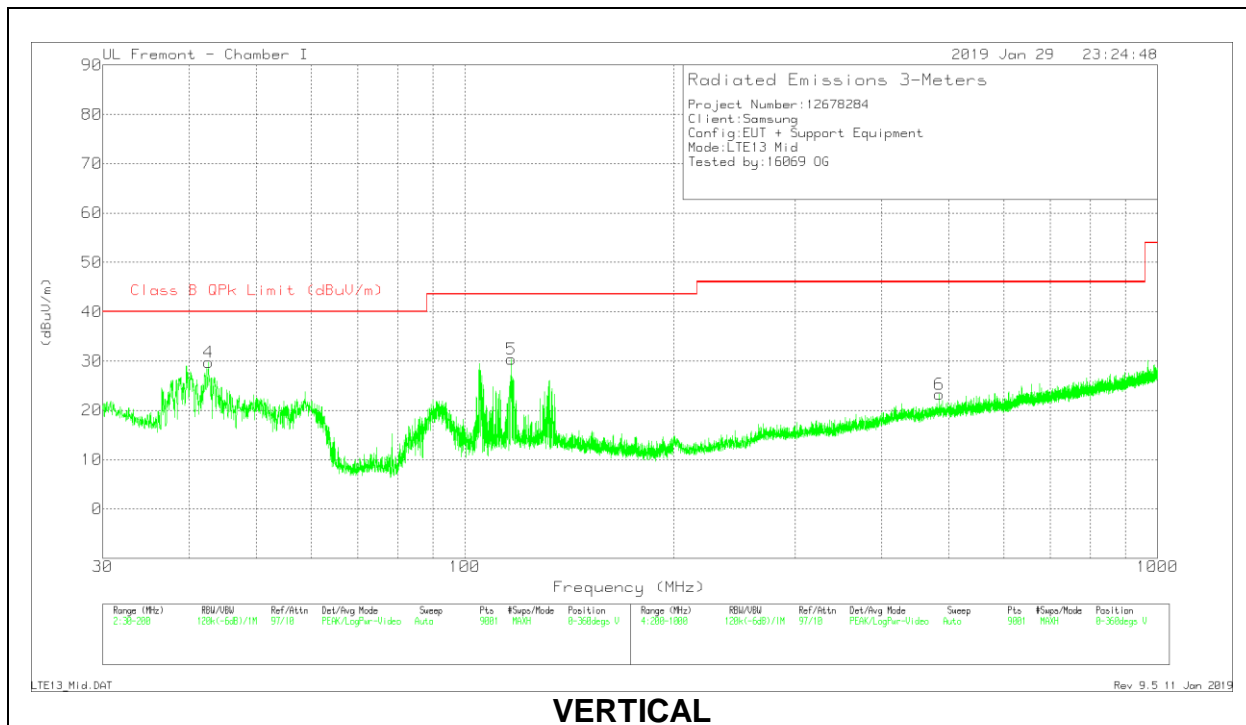
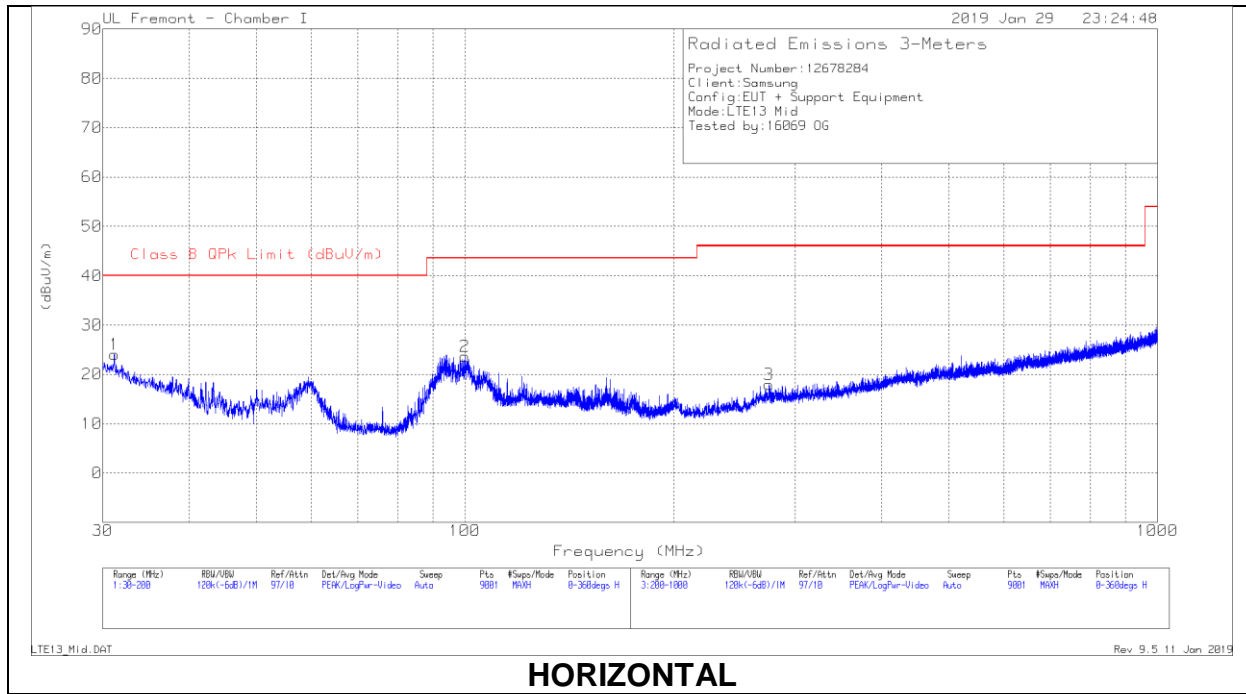
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.789	33.62	Pk	30	-35.3	28.32			74	-45.68	132	390	H
1.788	20.44	Av	30	-35.3	15.14	54	-38.86	-	-	132	390	H
3.086	31.73	Pk	32.9	-34	30.63			74	-43.37	290	387	H
3.086	19.12	Av	32.9	-34	18.02	54	-35.98	-	-	290	387	H
11.907	22.99	Pk	38.4	-20.8	40.59			74	-33.41	281	257	H
11.907	9.68	Av	38.4	-20.8	27.28	54	-26.72	-	-	281	257	H
1.293	42.69	Pk	28.7	-35.5	35.89			74	-38.11	340	210	V
1.291	29.39	Av	28.7	-35.4	22.69	54	-31.31	-	-	340	210	V
4.687	39.25	Pk	34.1	-31.1	42.25			74	-31.75	72	387	V
4.687	25.88	Av	34.1	-31.1	28.88	54	-25.12	-	-	72	387	V
14.647	29.92	Pk	39.7	-19.4	50.22			74	-23.78	210	251	V
14.648	18.11	Av	39.7	-19.4	38.41	54	-15.59	-	-	210	251	V

Pk - Peak detector
 Av - Average detection

11.5. LTE Band 13

11.5.1. BELOW 1GHz

MID CHANNEL(751MHz)



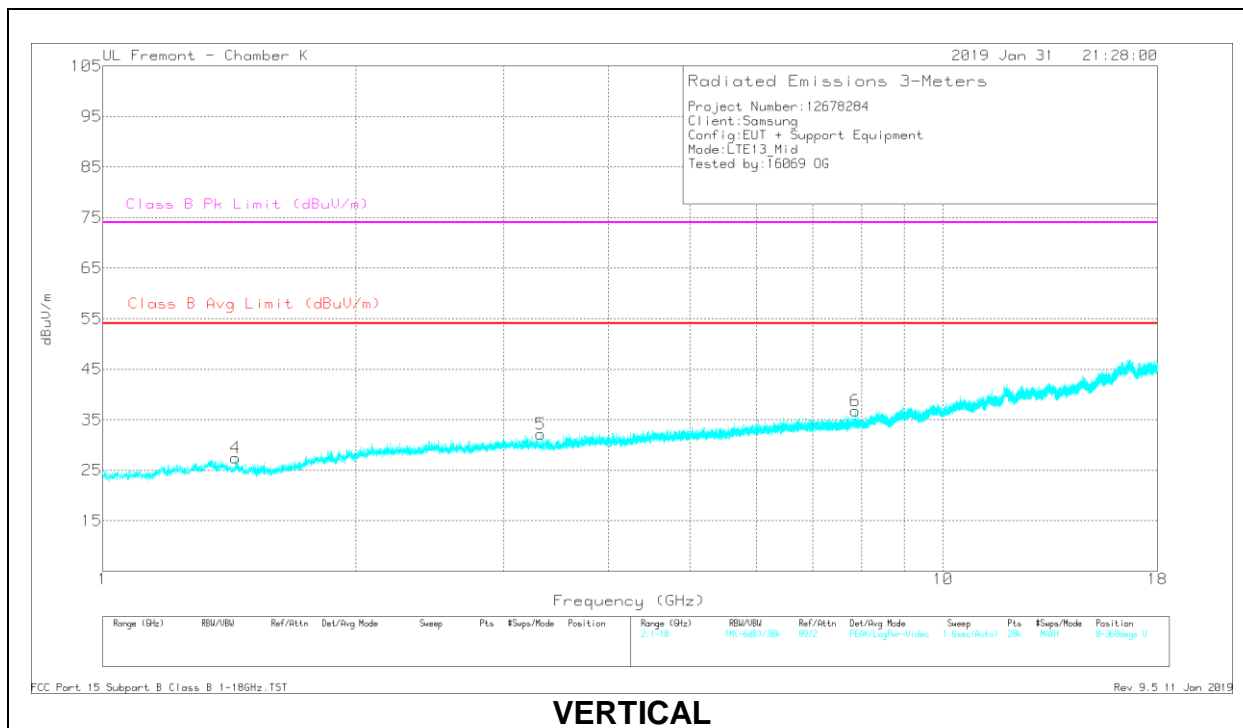
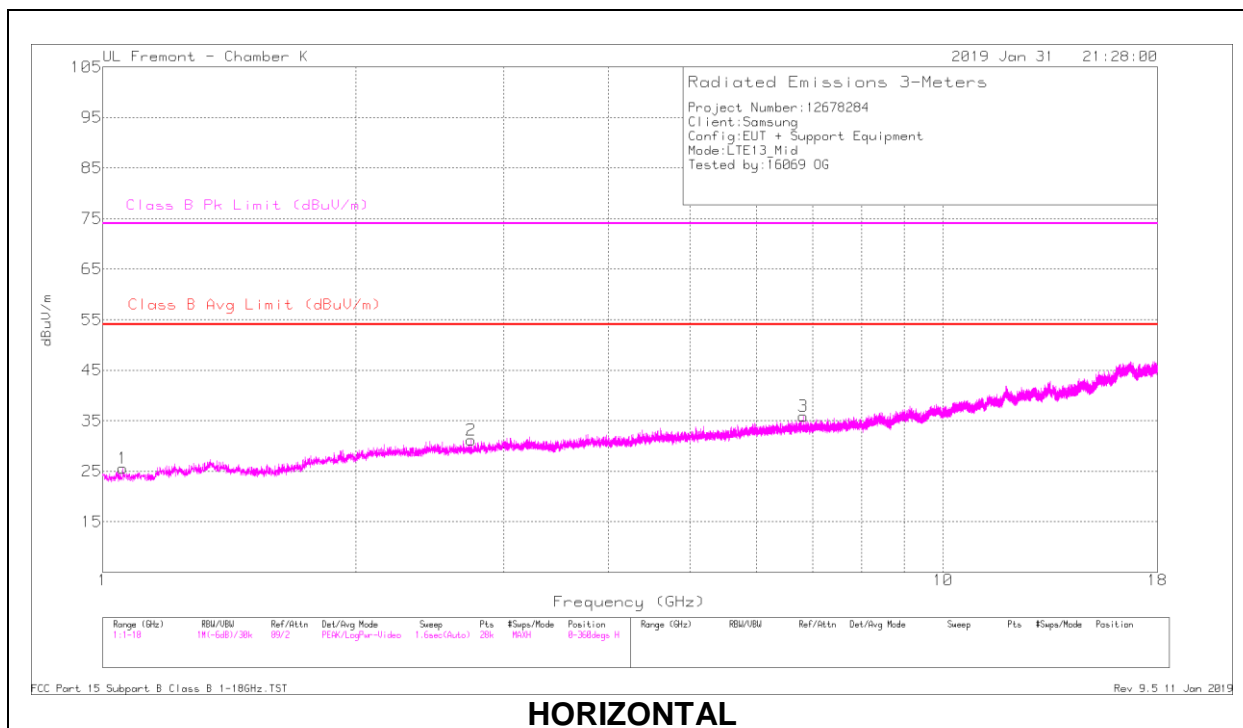
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	31.1806	29.68	Pk	25.7	-31.3	24.08	40	-15.92	0-360	300	H
2	99.9837	38.2	Pk	16.1	-30.7	23.6	43.52	-19.92	0-360	300	H
4	42.6556	43.29	Pk	17.6	-31.2	29.69	40	-10.31	0-360	101	V
5	116.7194	41.62	Pk	19.4	-30.6	30.42	43.52	-13.1	0-360	101	V
3	274.7556	28.55	Pk	19.3	-29.9	17.95	46.02	-28.07	0-360	299	H
6	484.5337	29.04	Pk	23.6	-29.4	23.24	46.02	-22.78	0-360	101	V

Pk - Peak detector

11.5.2. ABOVE 1GHz

MID CHANNEL(751MHz)



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.057	33.13	Pk	27	-35.1	25.03			74	-48.97	355	372	H
1.057	20.04	Av	27	-35.1	11.94	54	-42.06	-	-	355	372	H
2.744	32.39	Pk	32.2	-34.9	29.69			74	-44.31	312	288	H
2.744	19.78	Av	32.2	-34.9	17.08	54	-36.92	-	-	312	288	H
6.825	25.86	Pk	35.5	-27.5	33.86			74	-40.14	194	148	H
6.825	13.54	Av	35.5	-27.5	21.54	54	-32.46	-	-	194	148	H
1.44	43.14	Pk	28.5	-35.5	36.14			74	-37.86	86	263	V
1.44	29.45	Av	28.5	-35.5	22.45	54	-31.55	-	-	86	263	V
3.322	41.28	Pk	32.8	-33.4	40.68			74	-33.32	279	355	V
3.321	27.6	Av	32.8	-33.4	27	54	-27	-	-	279	355	V
7.861	35.57	Pk	35.7	-26.2	45.07			74	-28.93	301	313	V
7.863	21.93	Av	35.7	-26.2	31.43	54	-22.57	-	-	301	313	V

Pk - Peak detector
 Av - Average detection