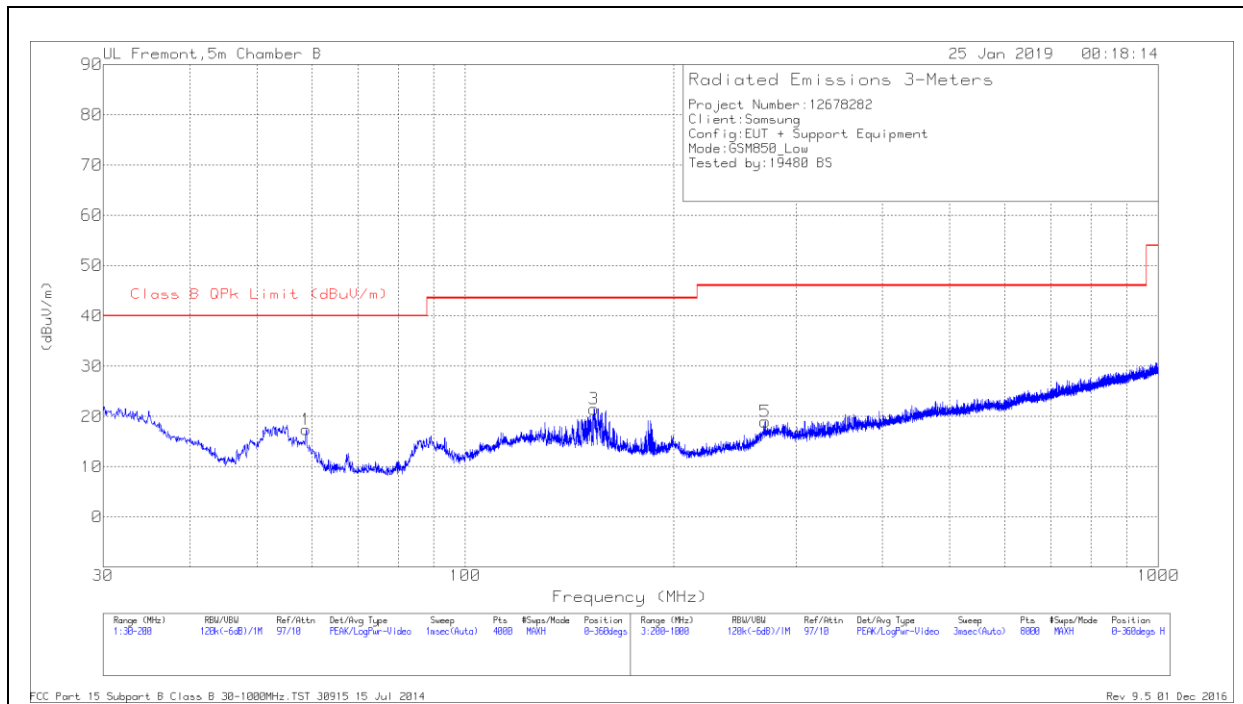


# 10. APPENDIX A: PRE-SCAN DATA FOR 15B RECEIVER MODE

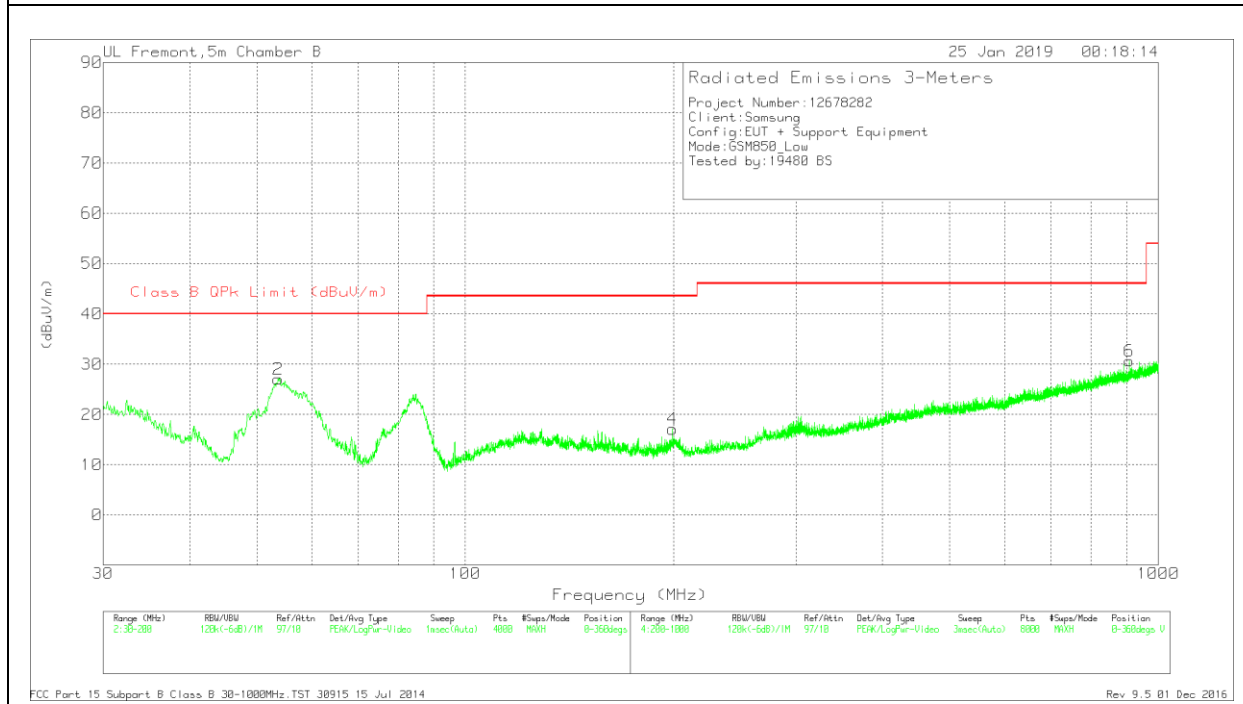
## 10.1. GSM850

### 10.1.1. BELOW 1GHz

#### LOW CHANNEL(869.2MHz)



**HORIZONTAL**



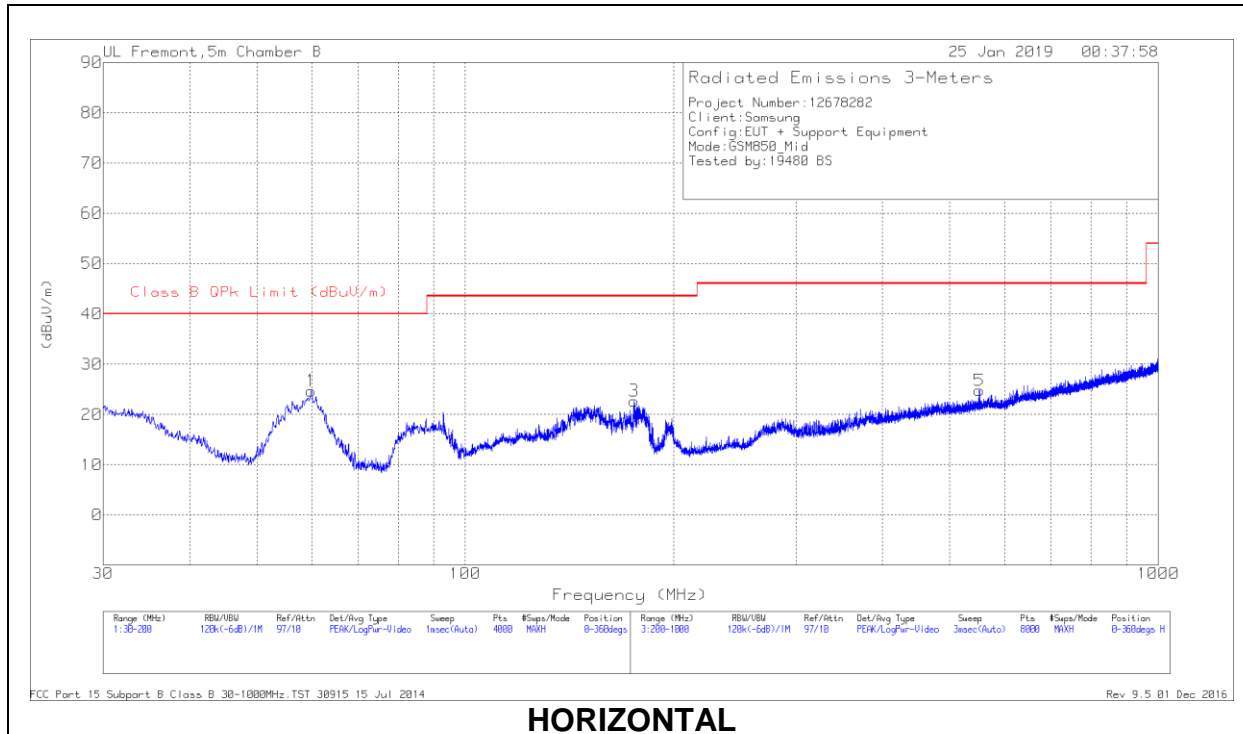
**VERTICAL**

**RADIATED EMISSIONS**

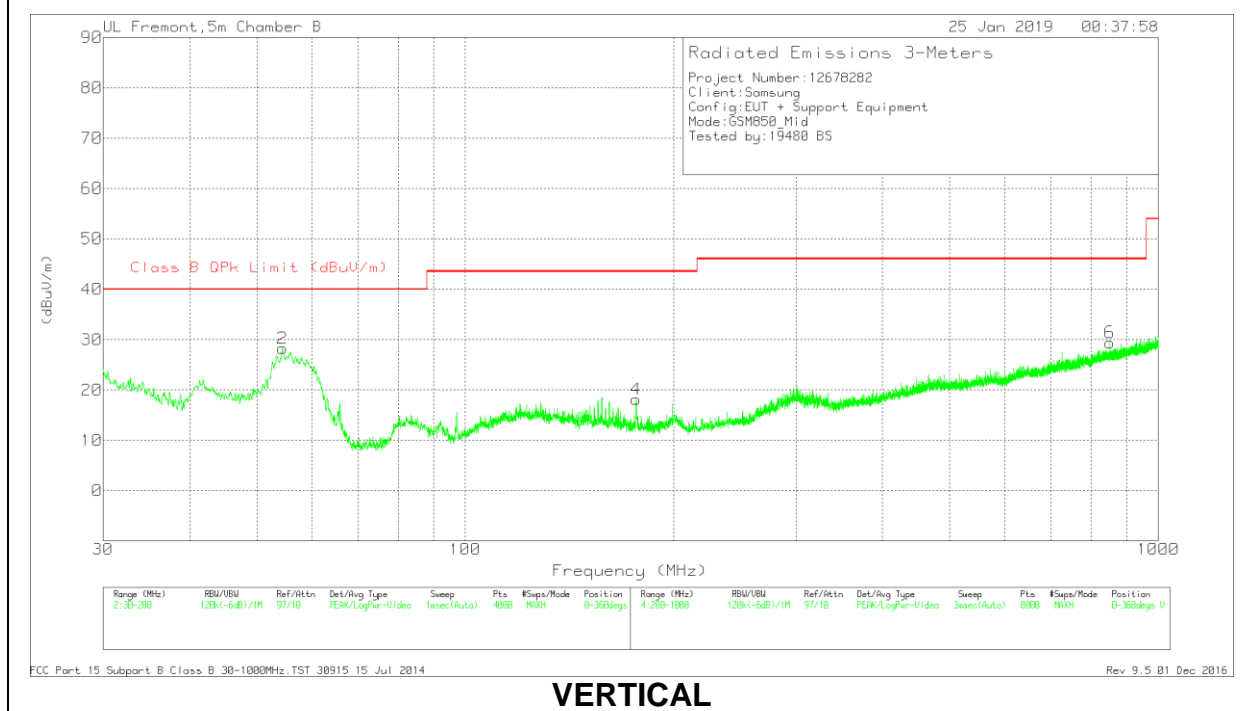
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	53.6786	46.9	Pk	11.2	-31.1	27	40	-13	0-360	100	V
1	58.95	37.01	Pk	11.5	-31.1	17.41	40	-22.59	0-360	400	H
3	153.4094	35.38	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**



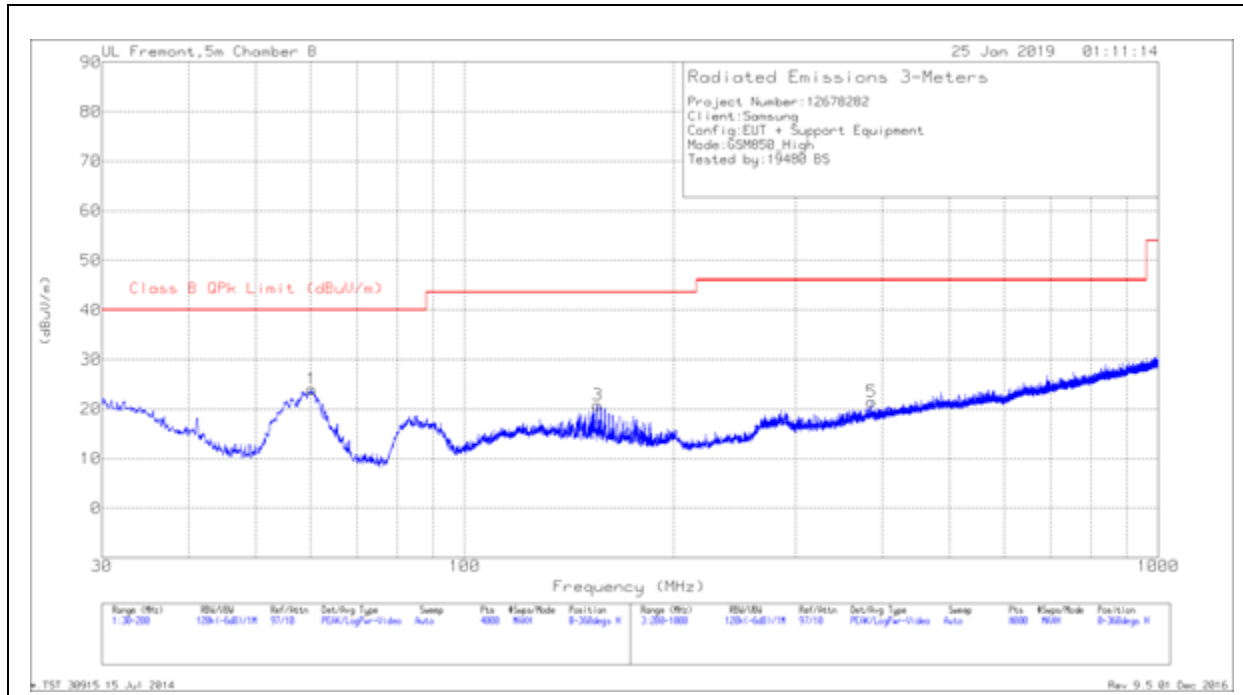
**VERTICAL**

### RADIATED EMISSIONS

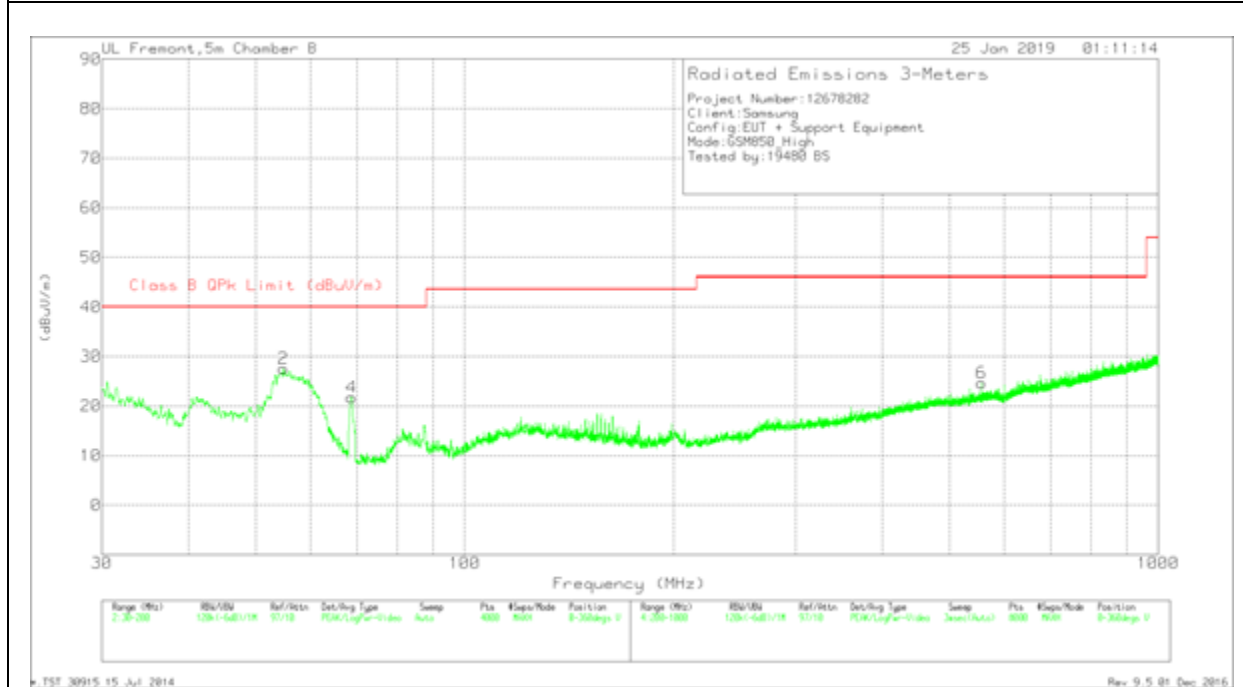
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	54.4651	48.18	Pk	11.2	-31.1	28.28	40	-11.72	0-360	100	V
1	59.9277	44.18	Pk	11.6	-31.1	24.68	40	-15.32	0-360	400	H
3	175.3239	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**

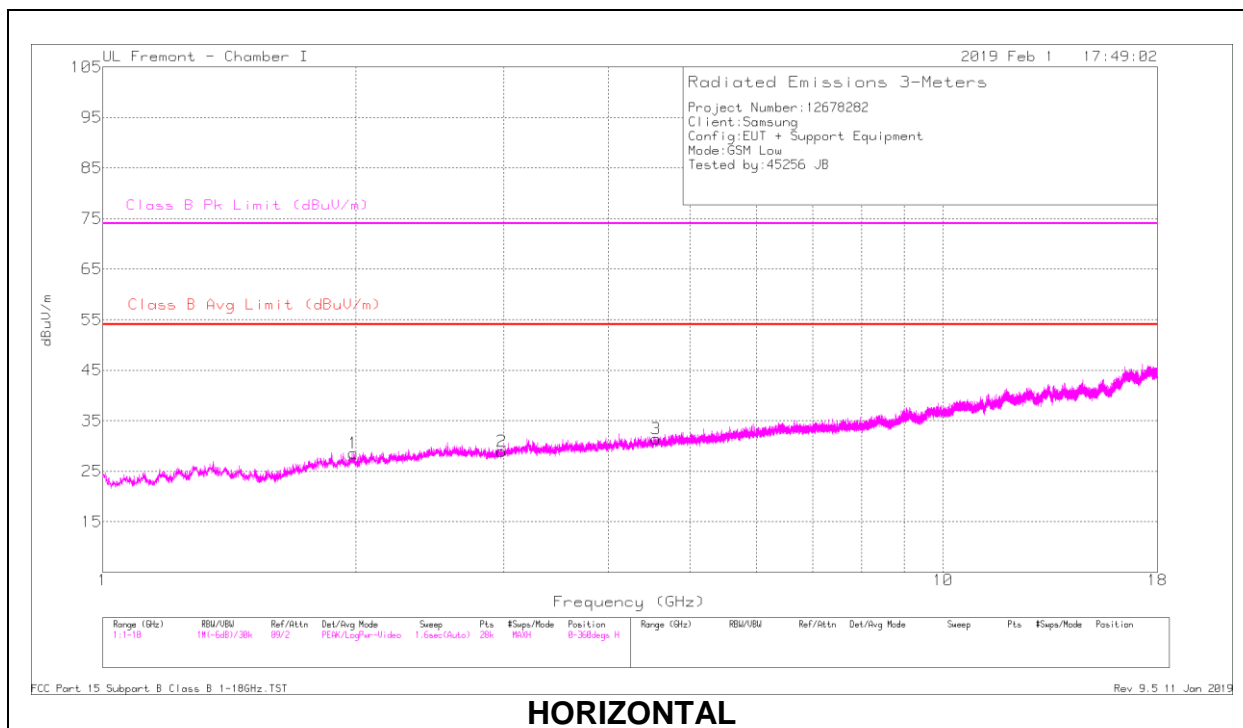
### RADIATED EMISSIONS

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

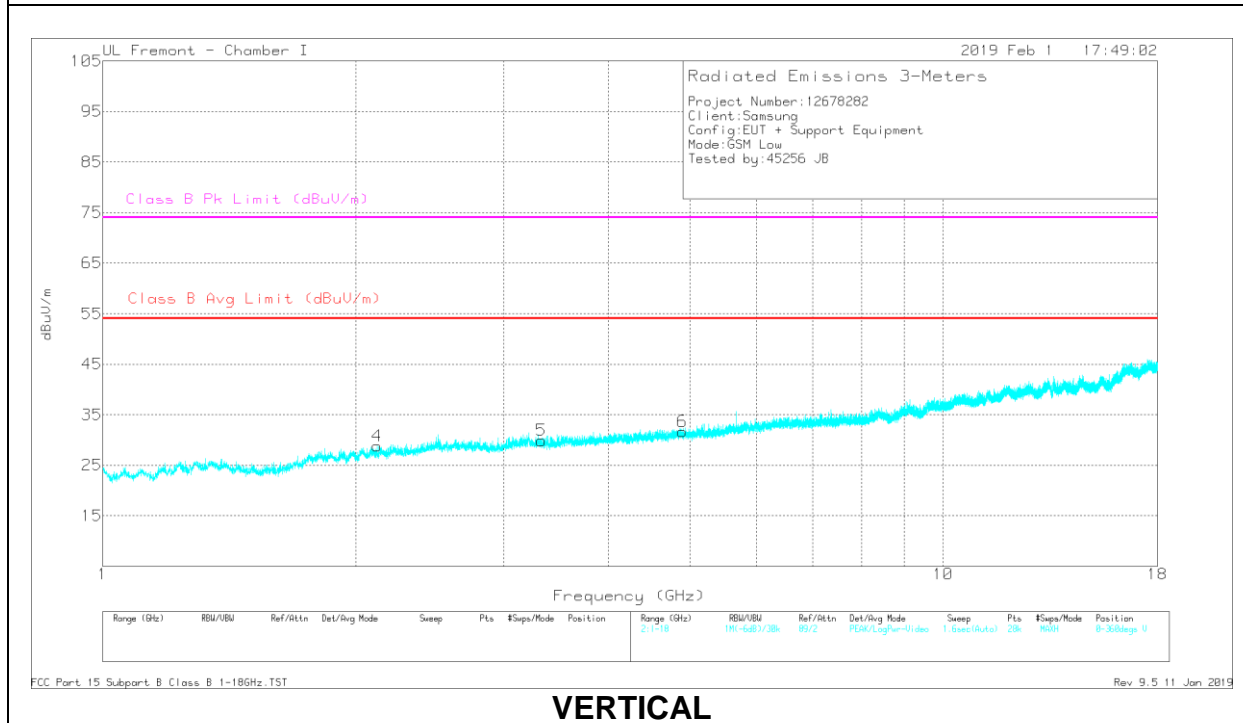
Pk - Peak detector

### 10.1.2. ABOVE 1GHz

#### LOW CHANNEL(869.2MHz)



**HORIZONTAL**



**VERTICAL**

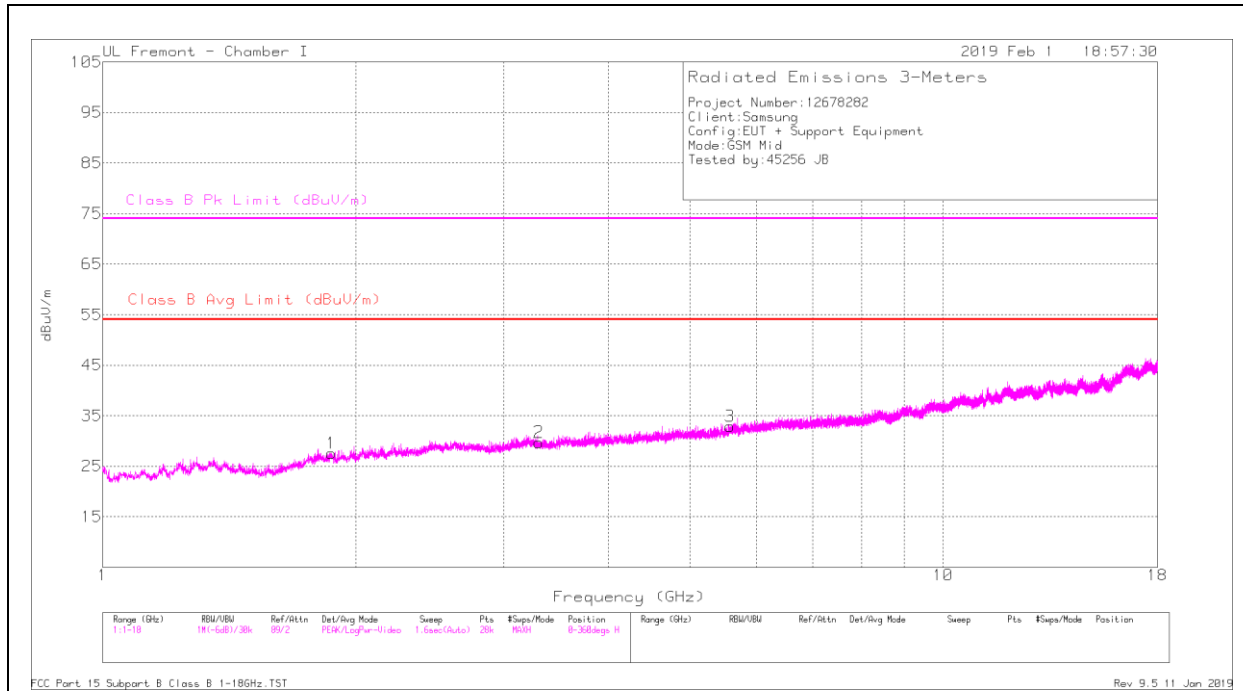
**RADIATED EMISSIONS**

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

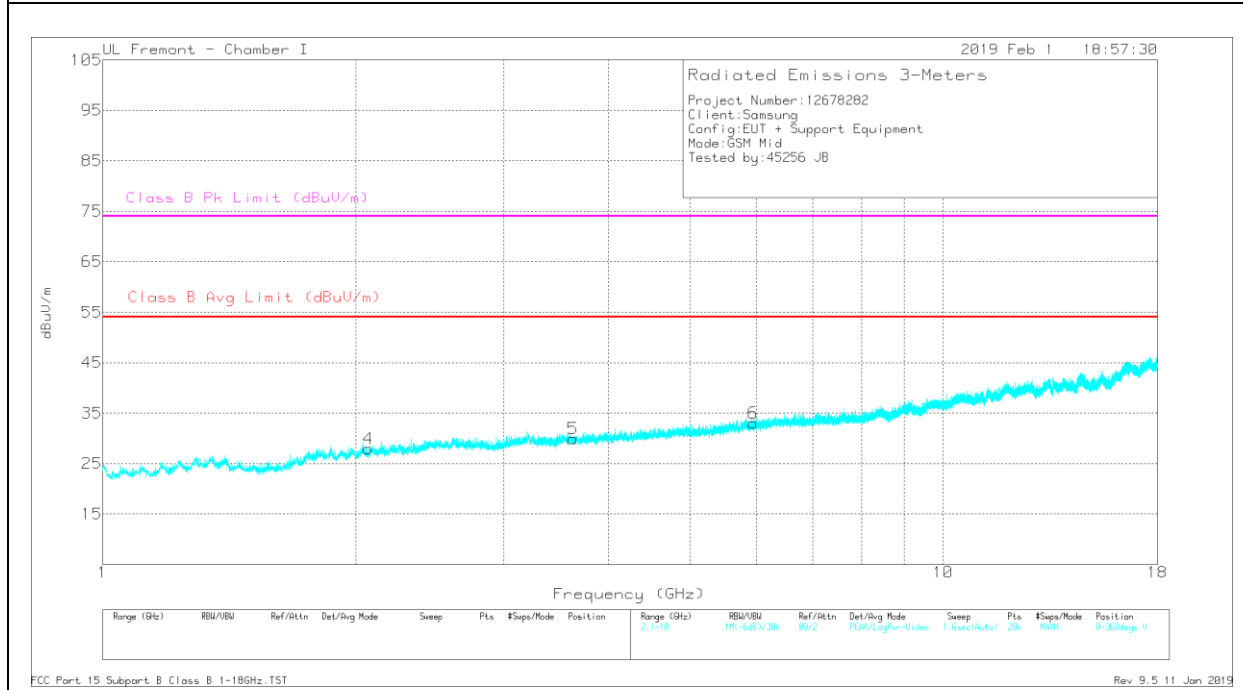
Pk - Peak detector  
 Av - Average detection



**MID CHANNEL(881.6MHz)**



**HORIZONTAL**



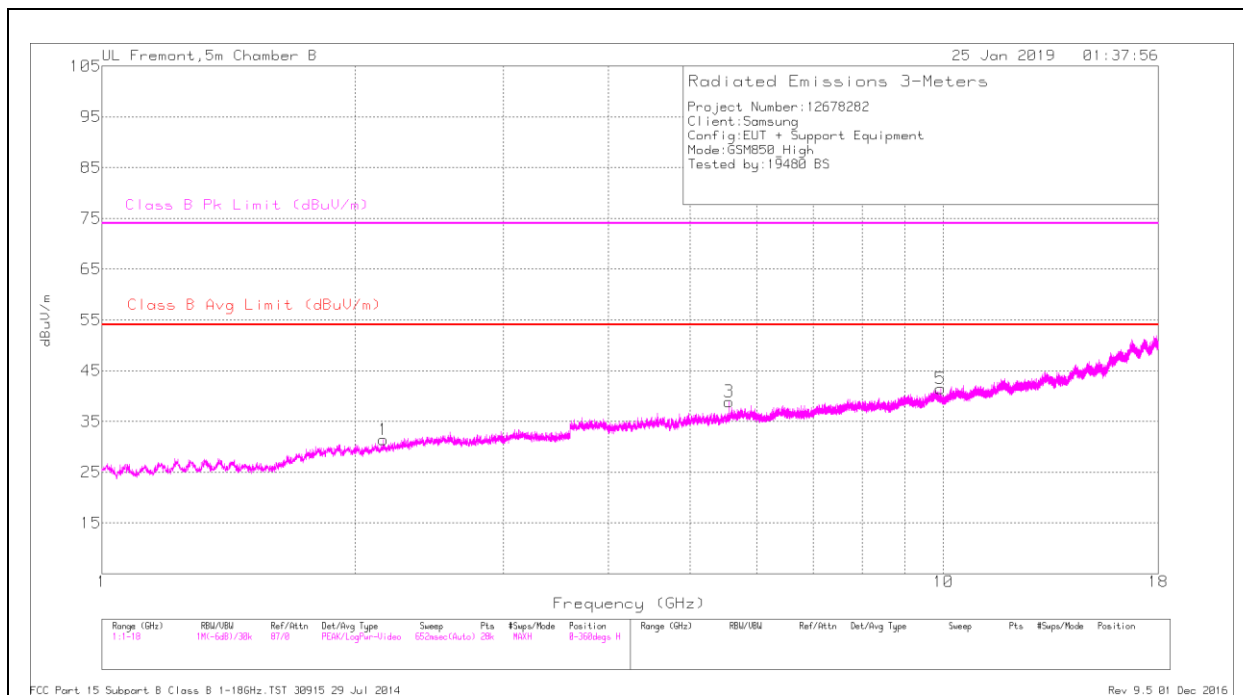
**VERTICAL**

**RADIATED EMISSIONS**

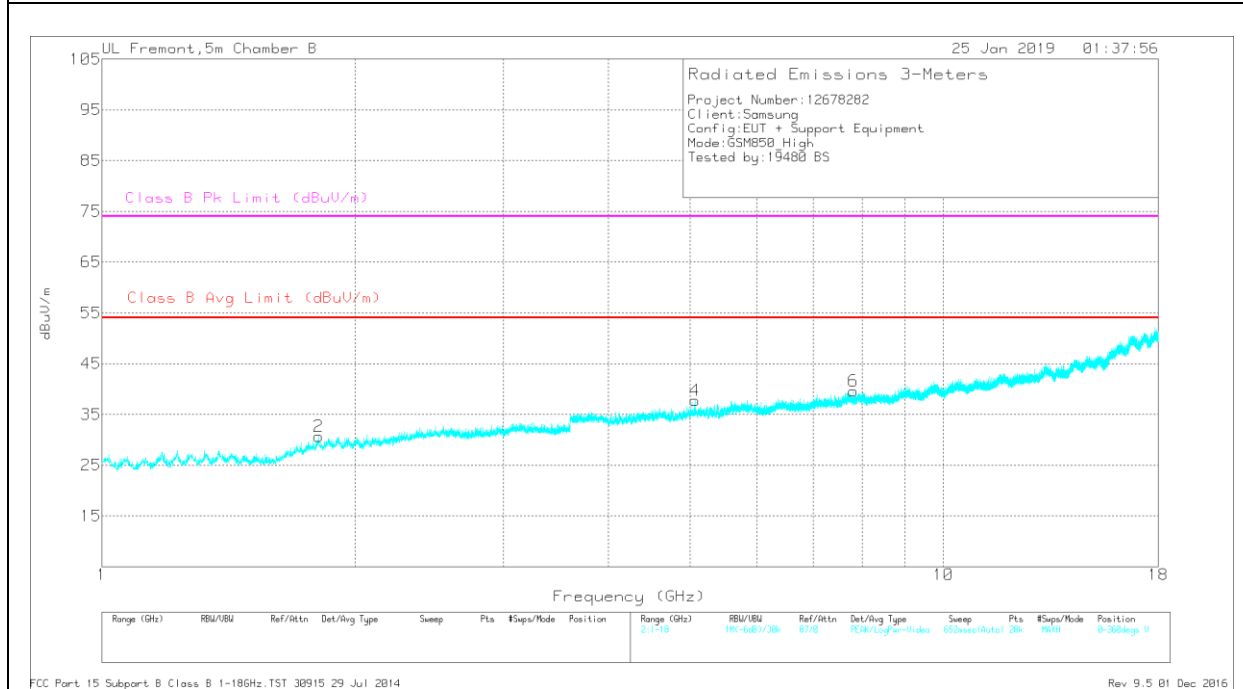
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.87	30.78	Pk	30.8	-32.9	28.68	-	-	74	-45.32	149	392	H
	1.87	17.26	Av	30.8	-32.9	15.16	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