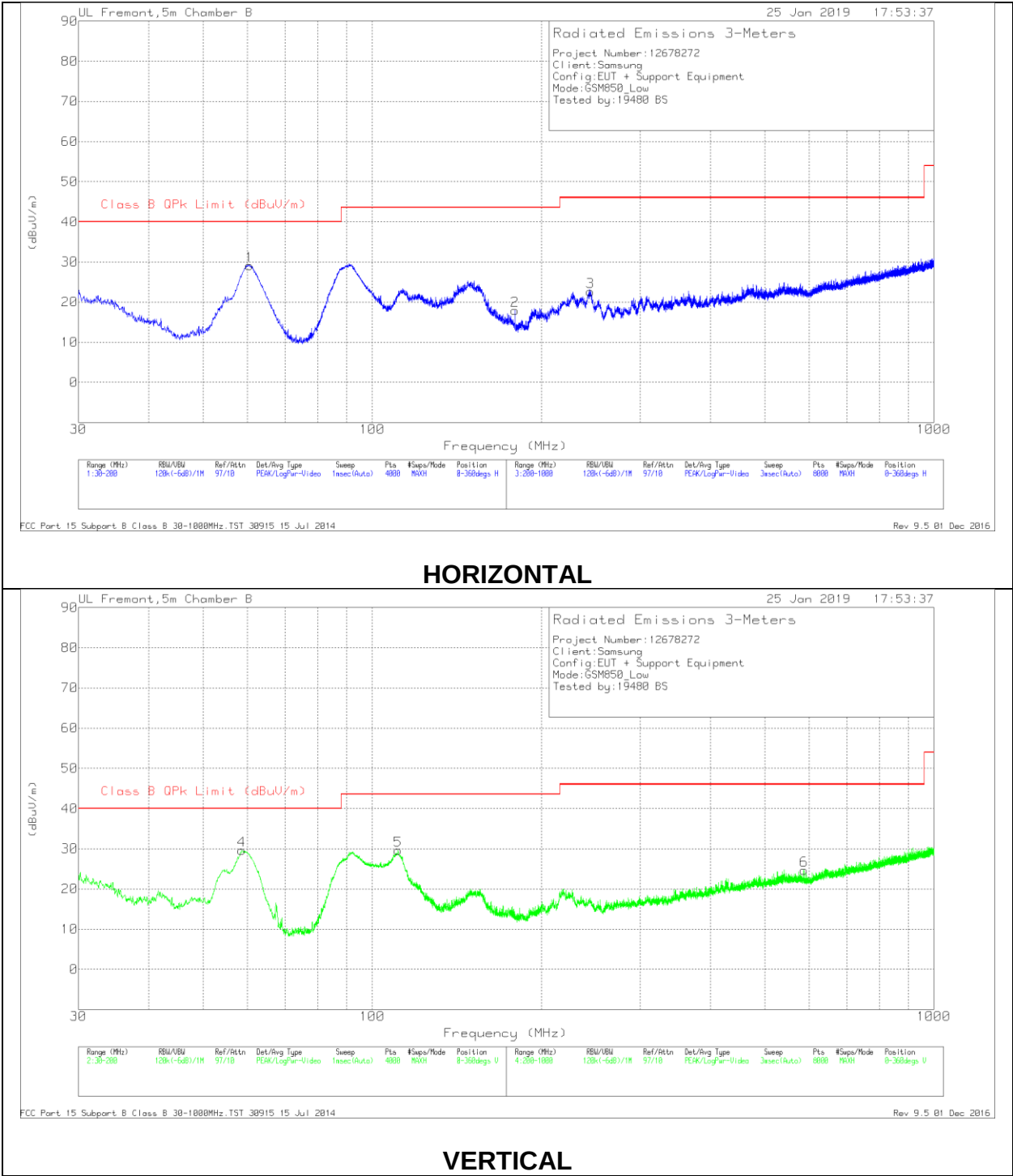


11. APPENDIX A: PRE-SCAN DATA FOR 15B RECEIVER MODE

11.1. GSM850
11.1.1. BELOW 1GHz

LOW CHANNEL(869.2MHz)

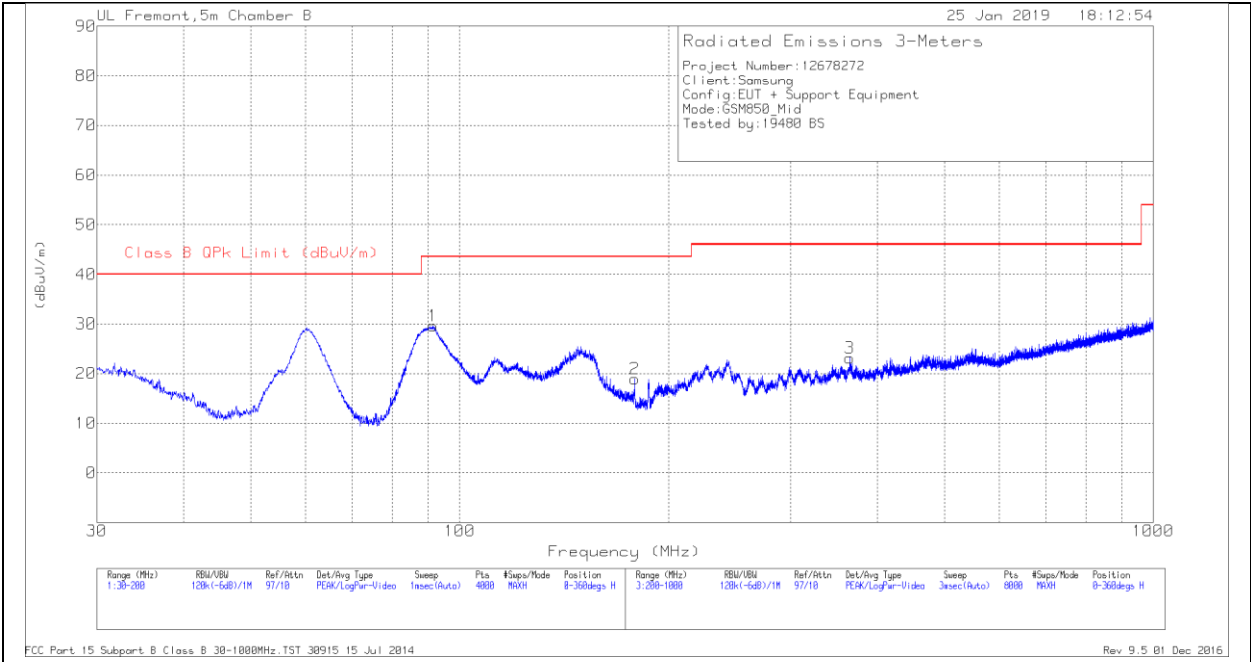


RADIATED EMISSIONS

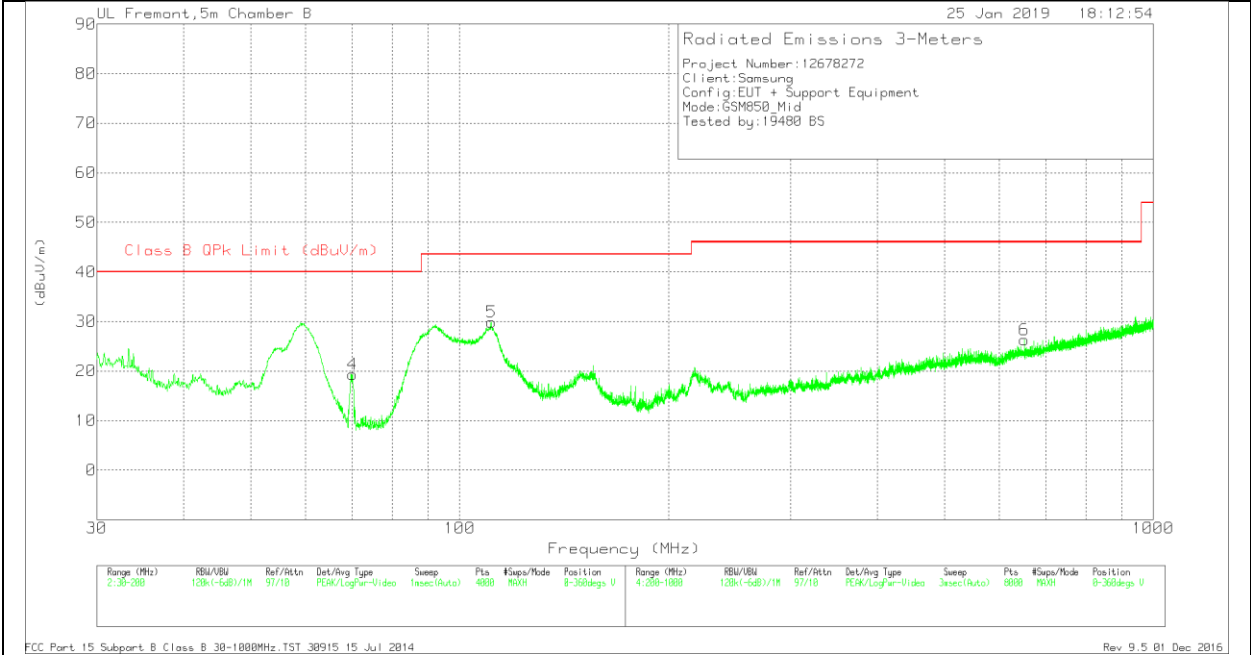
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	58.5674	49.21	Pk	11.5	-31.1	29.61	40	-10.39	0-360	100	V
1	60.4591	48.66	Pk	11.6	-31.1	29.16	40	-10.84	0-360	400	H
5	111.196	43.37	Pk	16.9	-30.6	29.67	43.52	-13.85	0-360	100	V
2	179.6387	32.79	Pk	15.3	-30.2	17.89	43.52	-25.63	0-360	400	H
3	244.5058	36.98	Pk	15.6	-29.9	22.68	46.02	-23.34	0-360	101	H
6	586.7503	30.95	Pk	22.5	-28.8	24.65	46.02	-21.37	0-360	300	V

Pk - Peak detector

MID CHANNEL(881.6MHz)



HORIZONTAL



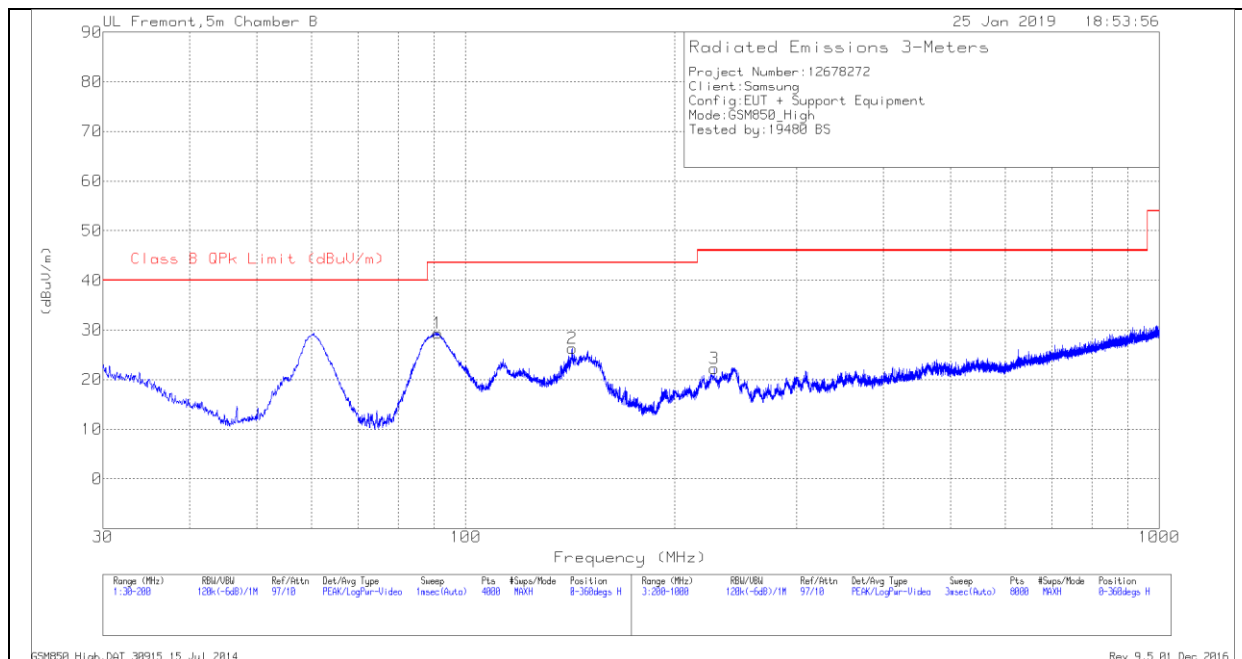
VERTICAL

RADIATED EMISSIONS

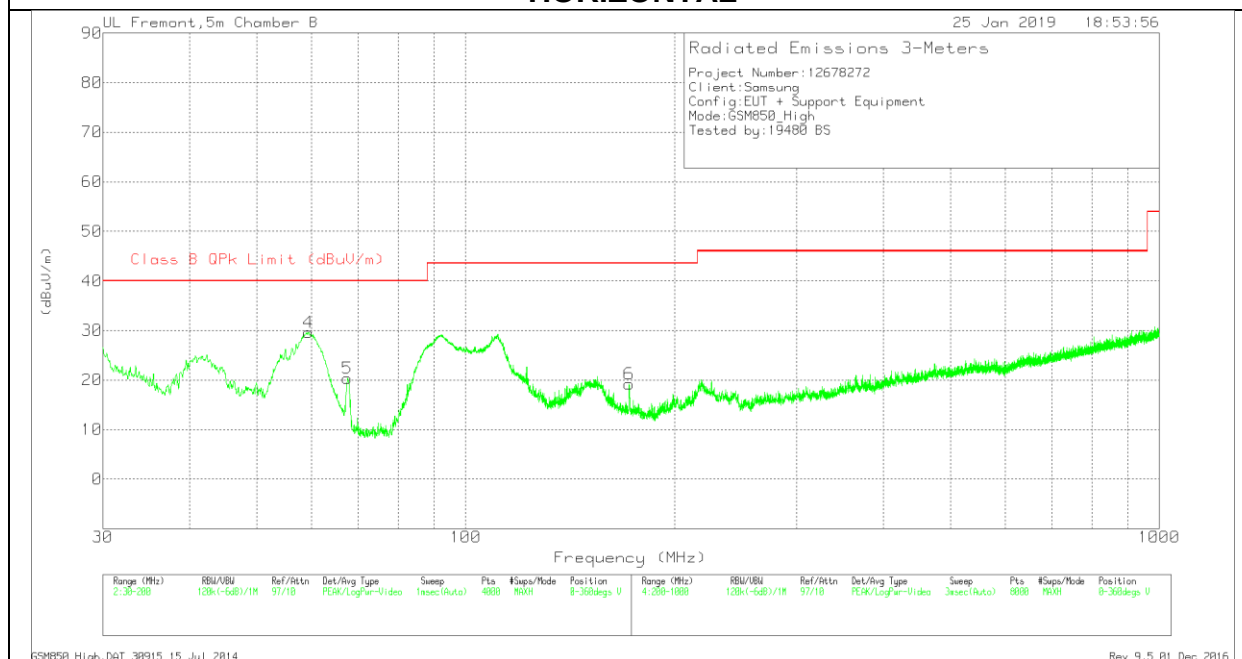
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	70.0879	38.06	Pk	12.2	-30.9	19.36	40	-20.64	0-360	100	V
1	91.641	48.34	Pk	12	-30.7	29.64	43.52	-13.88	0-360	200	H
5	111.1535	43.53	Pk	16.9	-30.6	29.83	43.52	-13.69	0-360	100	V
2	178.831	33.84	Pk	15.3	-30.2	18.94	43.52	-24.58	0-360	200	H
3	364.9214	33.49	Pk	18.9	-29.3	23.09	46.02	-22.93	0-360	101	H
6	652.1588	31.03	Pk	23.9	-28.6	26.33	46.02	-19.69	0-360	101	V

Pk - Peak detector

HIGH CHANNEL(893.8MHz)



HORIZONTAL



VERTICAL

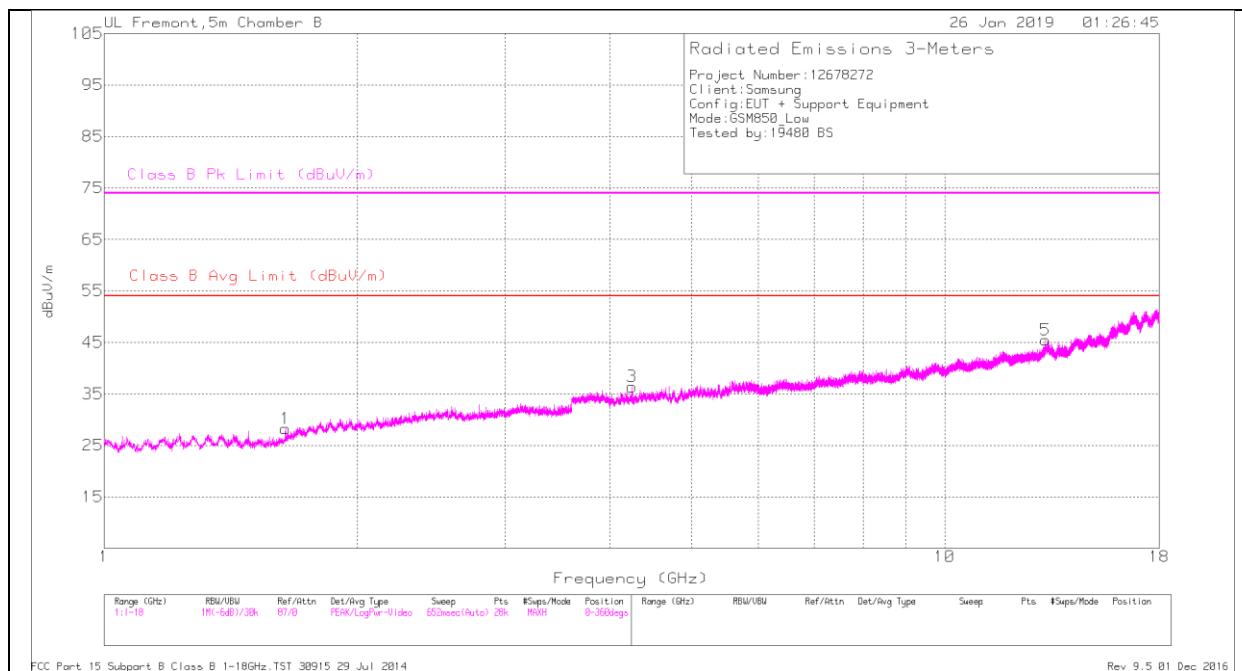
RADIATED EMISSIONS

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
4	59.3751	49.22	Pk	11.5	-31.1	29.62	40	-10.38	0-360	100	V
5	67.5797	39.3	Pk	12.1	-31	20.4	40	-19.6	0-360	100	V
1	91.1308	48.13	Pk	11.9	-30.7	29.33	43.52	-14.19	0-360	200	H
2	142.4416	39.83	Pk	16.9	-30.4	26.33	43.52	-17.19	0-360	200	H
6	172.0718	33.74	Pk	15.7	-30.2	19.24	43.52	-24.28	0-360	100	V
3	228.3037	37.2	Pk	15	-29.9	22.3	46.02	-23.72	0-360	100	H

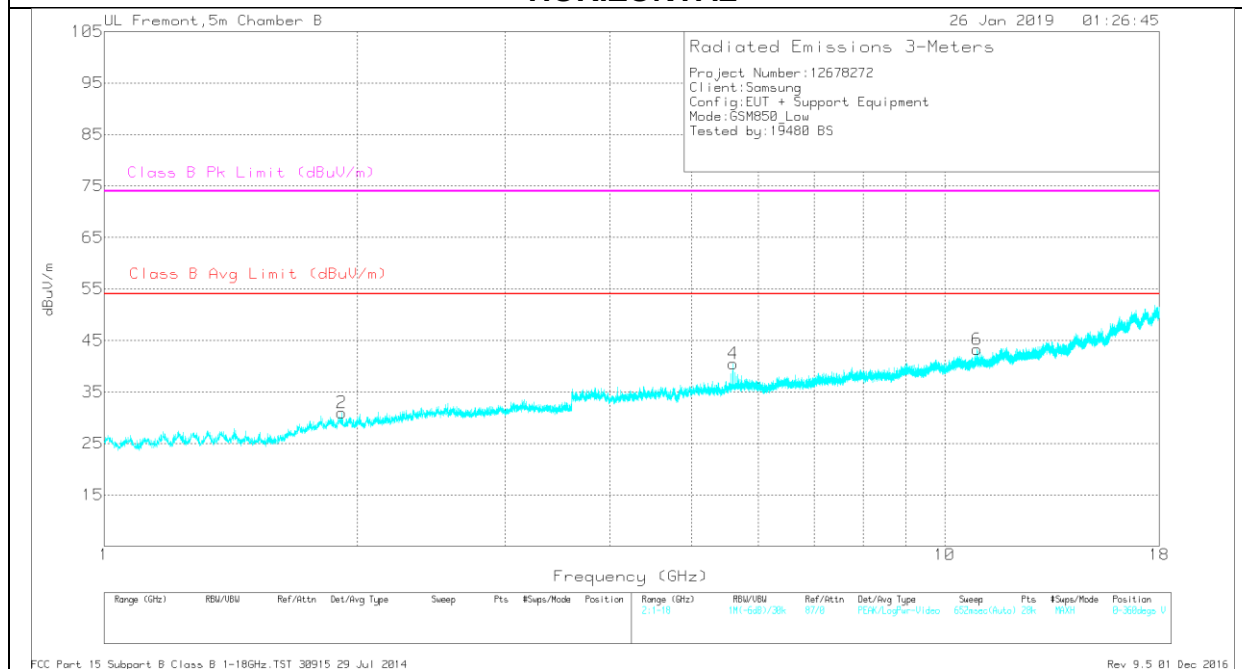
Pk - Peak detector

11.1.2. ABOVE 1GHz

LOW CHANNEL(869.2MHz)



HORIZONTAL



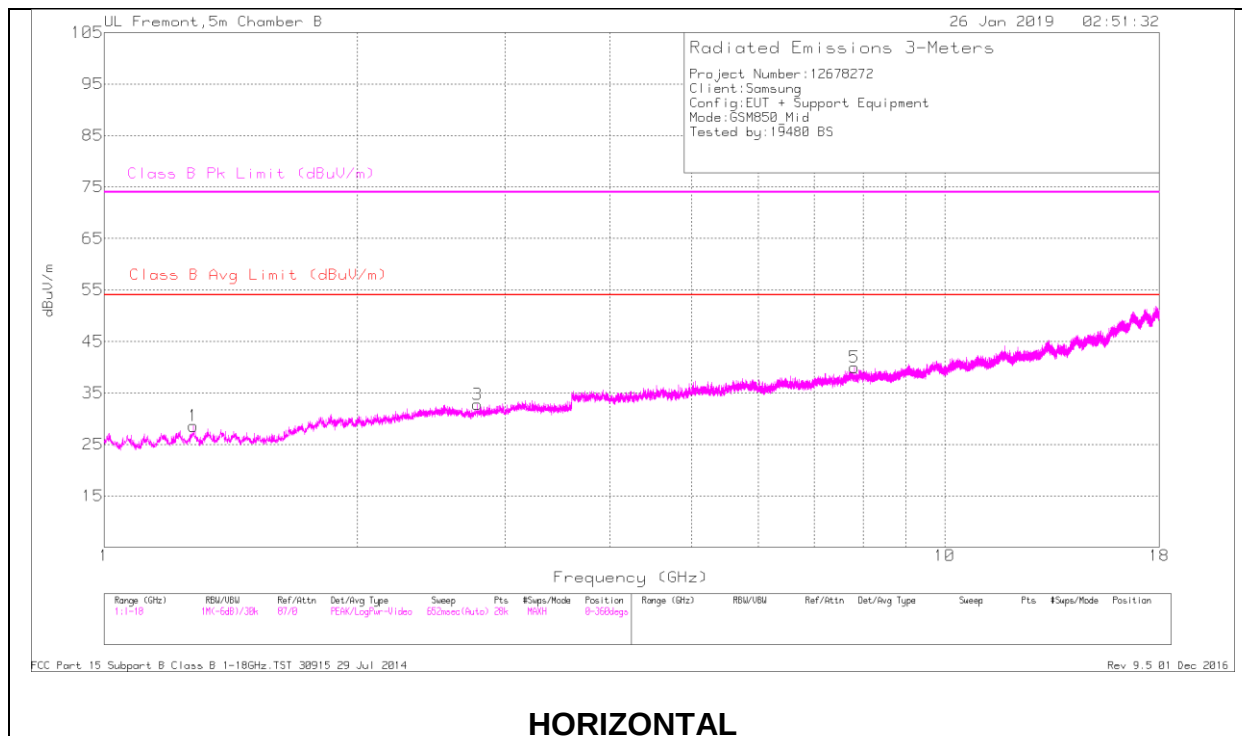
VERTICAL

RADIATED EMISSIONS

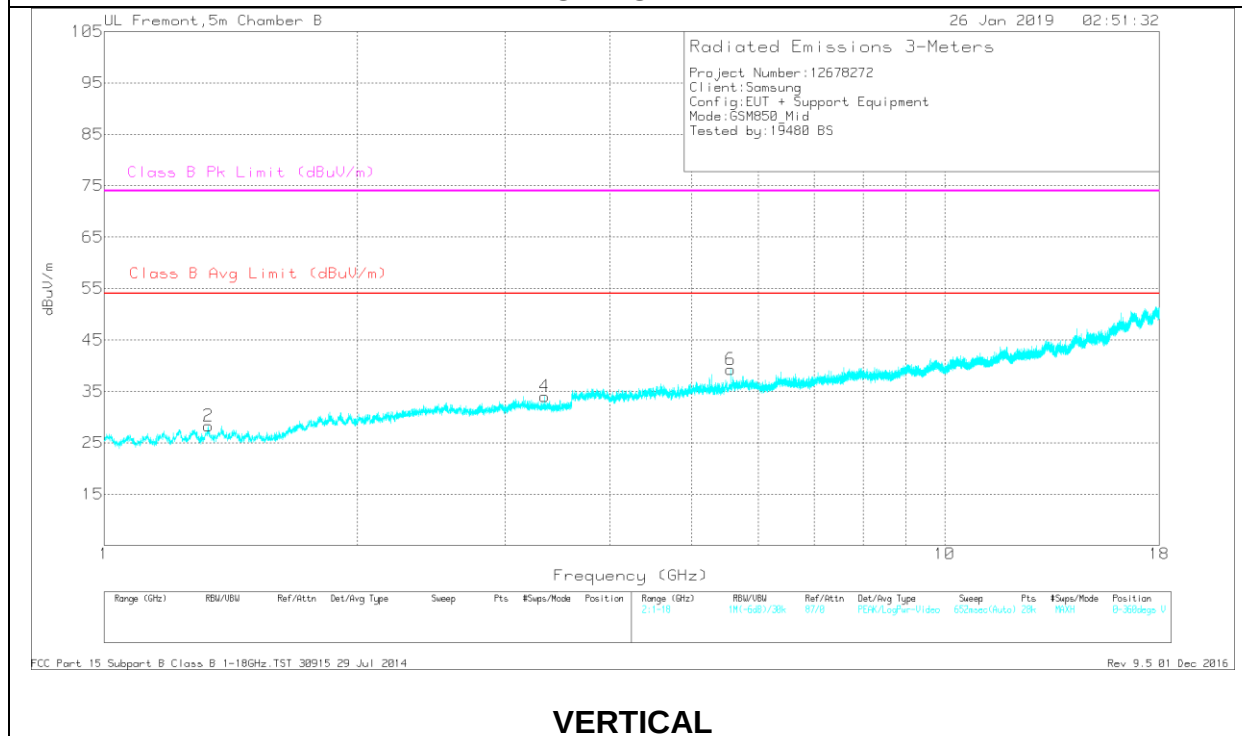
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.645	40.17	Pk	28.5	-33.3	35.37	-	-	74	-38.63	98	117	H
1.645	27.62	Av	28.5	-33.3	22.82	54	-31.18	-	-	98	117	H
1.918	40.38	Pk	31	-33	38.38	-	-	74	-35.62	206	138	V
1.918	27.5	Av	31	-33	25.5	54	-28.5	-	-	206	138	V
4.245	39.22	Pk	33.6	-30.3	42.52	-	-	74	-31.48	189	100	H
4.245	26.85	Av	33.6	-30.3	30.15	54	-23.85	-	-	189	100	H
5.605	38.45	Pk	35.5	-29.5	44.45	-	-	74	-29.55	293	299	V
5.605	26.45	Av	35.5	-29.5	32.45	54	-21.55	-	-	293	299	V
10.929	33.85	Pk	38	-22.5	49.35	-	-	74	-24.65	343	214	V
10.929	21.64	Av	38	-22.5	37.14	54	-16.86	-	-	343	214	V
13.179	33.94	Pk	40.3	-21.6	52.64	-	-	74	-21.36	345	239	H
13.179	21.15	Av	40.3	-21.6	39.85	54	-14.15	-	-	345	239	H

Pk - Peak detector
Av - Average detection

MID CHANNEL(881.6MHz)



HORIZONTAL



VERTICAL

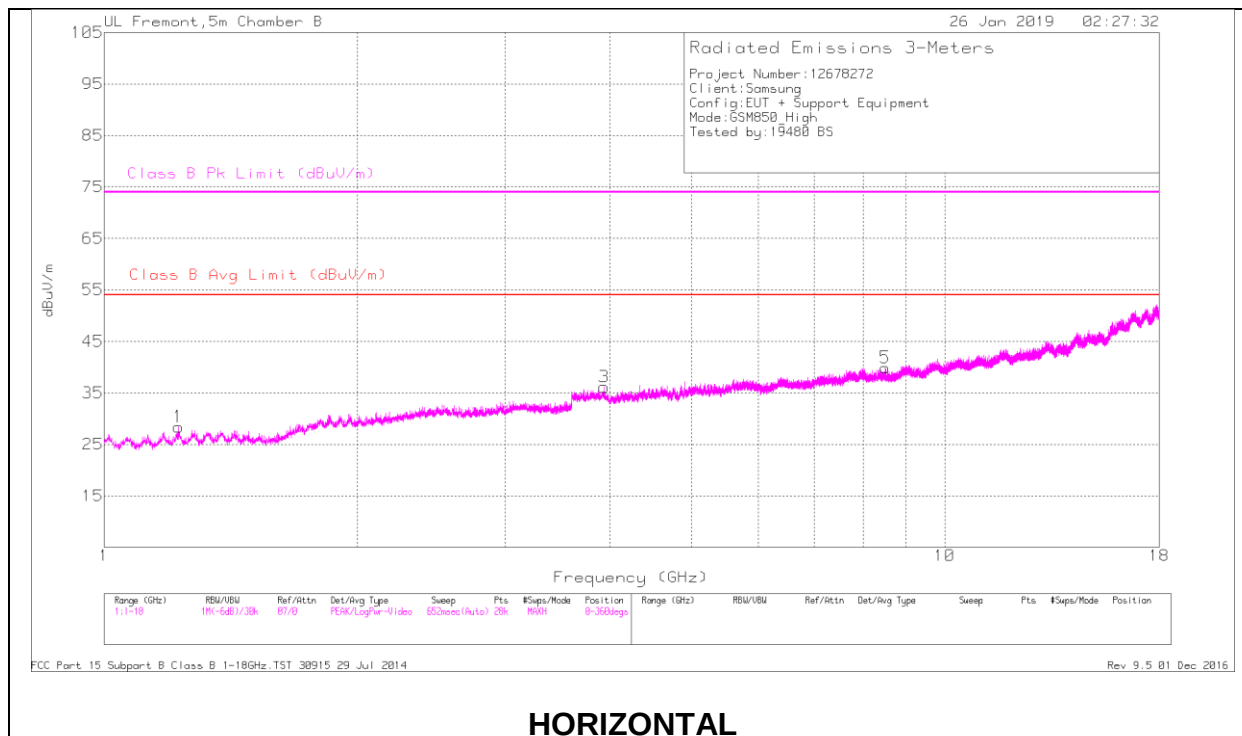
RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.277	41.73	Pk	28.4	-34	36.13	-	-	74	-37.87	260	200	H
1.277	28.72	Av	28.4	-34	23.12	54	-30.88	-	-	260	200	H
1.331	41.74	Pk	28.4	-33.9	36.24	-	-	74	-37.76	2	138	V
1.331	28.44	Av	28.4	-33.9	22.94	54	-31.06	-	-	2	138	V
2.781	39.66	Pk	32.4	-31.9	40.16	-	-	74	-33.84	197	239	H
2.781	26.54	Av	32.4	-31.9	27.04	54	-26.96	-	-	197	239	H
3.345	39.27	Pk	32.9	-31	41.17	-	-	74	-32.83	165	292	V
3.345	26.05	Av	32.9	-31	27.95	54	-26.05	-	-	165	292	V
5.562	38.48	Pk	35.4	-29.5	44.38	-	-	74	-29.62	156	385	V
5.562	26.1	Av	35.4	-29.5	32	54	-22	-	-	156	385	V
7.809	36.9	Pk	36.4	-26.6	46.7	-	-	74	-27.3	71	314	H
7.809	24.42	Av	36.4	-26.6	34.22	54	-19.78	-	-	71	314	H

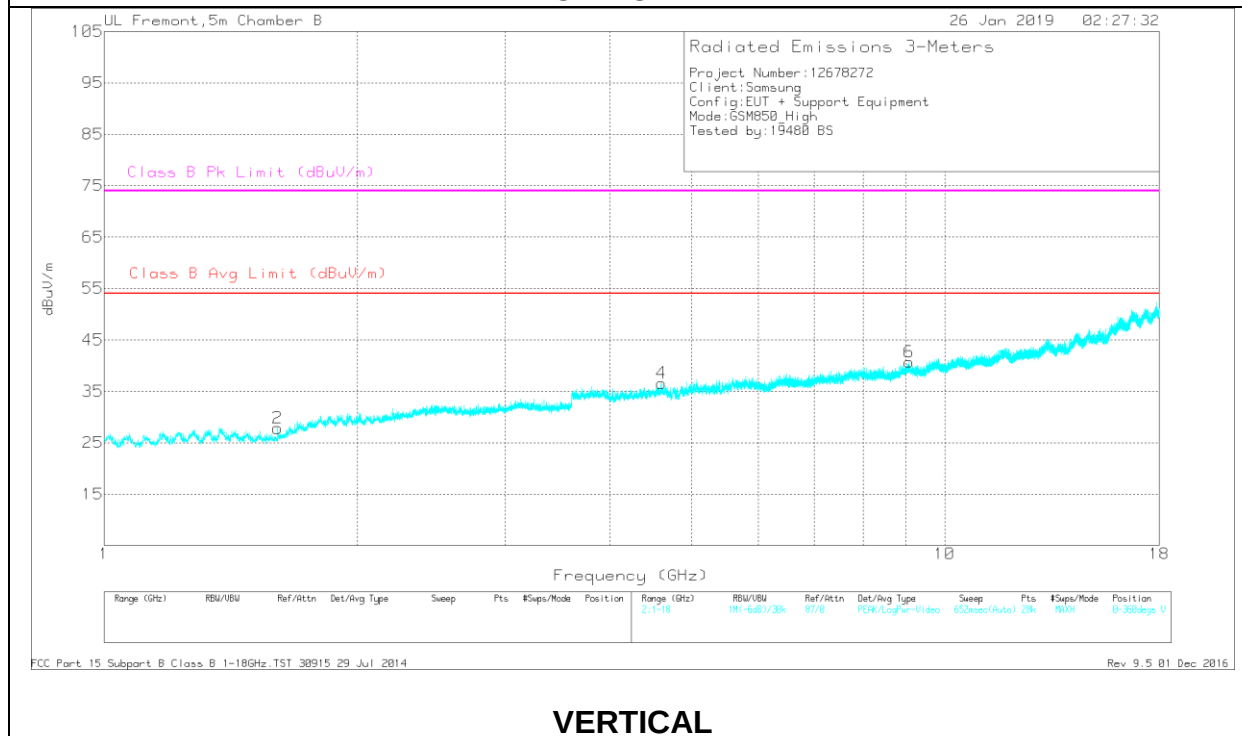
Pk - Peak detector

Av - Average detection

HIGH CHANNEL(893.8MHz)



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.224	36.33	Pk	28.3	-34.1	30.53	-	-	74	-43.47	306	146	H
1.224	28.48	Av	28.3	-34.1	22.68	54	-31.32	-	-	306	146	H
1.608	40.27	Pk	27.8	-33.5	34.57	-	-	74	-39.43	78	335	V
1.608	27.77	Av	27.8	-33.5	22.07	54	-31.93	-	-	78	335	V
3.935	39.65	Pk	33.4	-30.7	42.35	-	-	74	-31.65	330	213	H
3.935	27.47	Av	33.4	-30.7	30.17	54	-23.83	-	-	330	213	H
4.608	40.18	Pk	34.1	-30.2	44.08	-	-	74	-29.92	23	170	V
4.608	27.42	Av	34.1	-30.2	31.32	54	-22.68	-	-	23	170	V
8.496	35.9	Pk	36.1	-25.4	46.6	-	-	74	-27.4	213	247	H
8.496	23.82	Av	36.1	-25.4	34.52	54	-19.48	-	-	213	247	H
9.069	35.02	Pk	36.8	-24.4	47.42	-	-	74	-26.58	194	299	V
9.069	23.06	Av	36.8	-24.4	35.46	54	-18.54	-	-	194	299	V

Pk - Peak detector

Av - Average detection