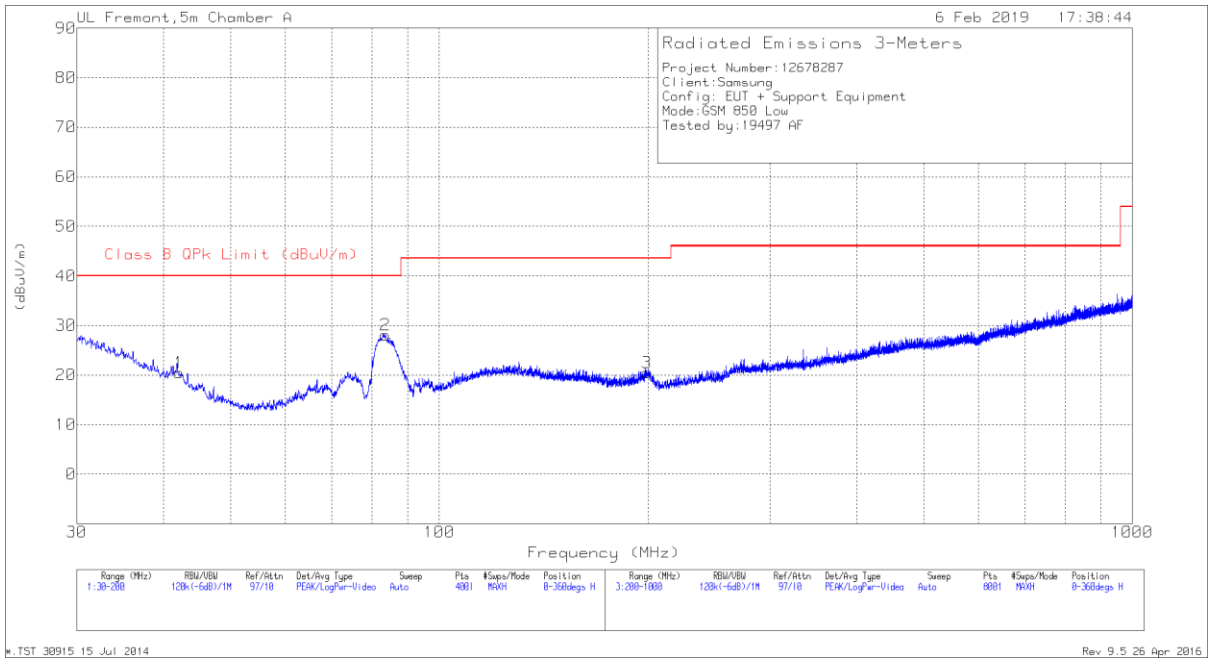
11. APPENDIX A: PRE-SCAN DATA FOR 15B RECEIVER MODE

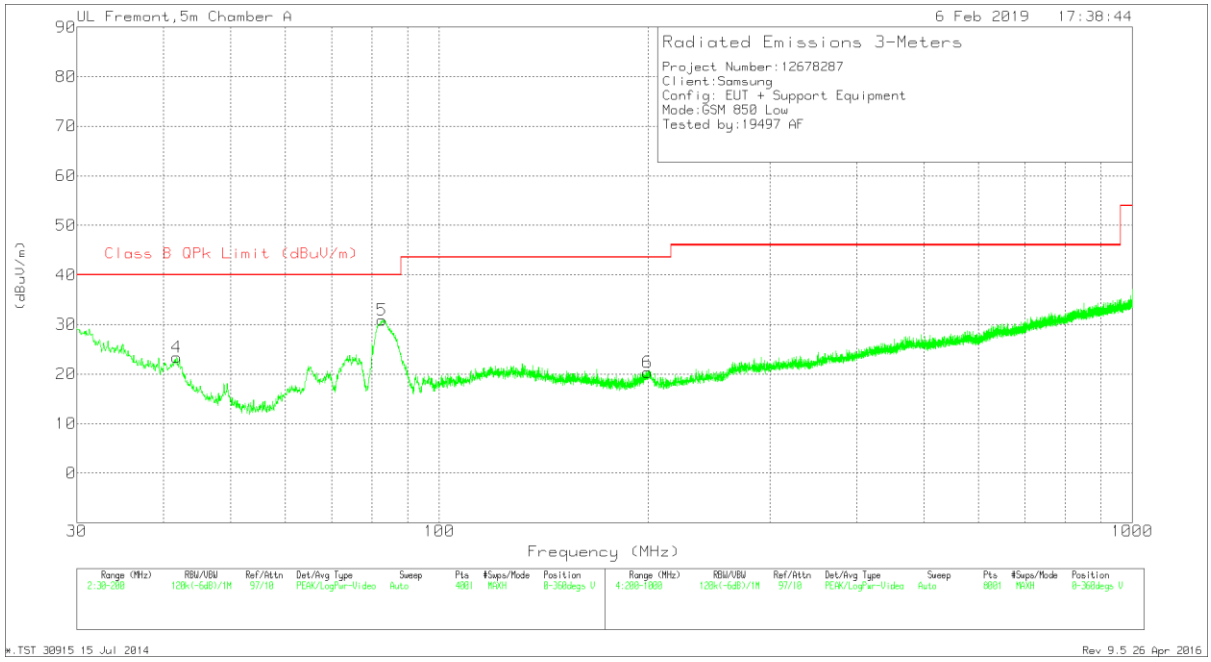
11.1. GSM850

11.1.1. BELOW 1GHz

LOW CHANNEL(869.2MHz)



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	41.7725	32.43	Pk	18.1	-27.1	23.43	40	-16.57	0-360	100	V
1	42.1125	29.63	Pk	17.8	-27	20.43	40	-19.57	0-360	200	H
5	82.7	44.2	Pk	13.2	-26.5	30.9	40	-9.1	0-360	100	V
2	83.6138	41.44	Pk	13.1	-26.5	28.04	40	-11.96	0-360	200	H
3	199.2775	26.94	Pk	18.6	-25.1	20.44	43.52	-23.08	0-360	101	H
6	199.7025	26.76	Pk	18.7	-25.1	20.36	43.52	-23.16	0-360	100	V

Pk - Peak detector

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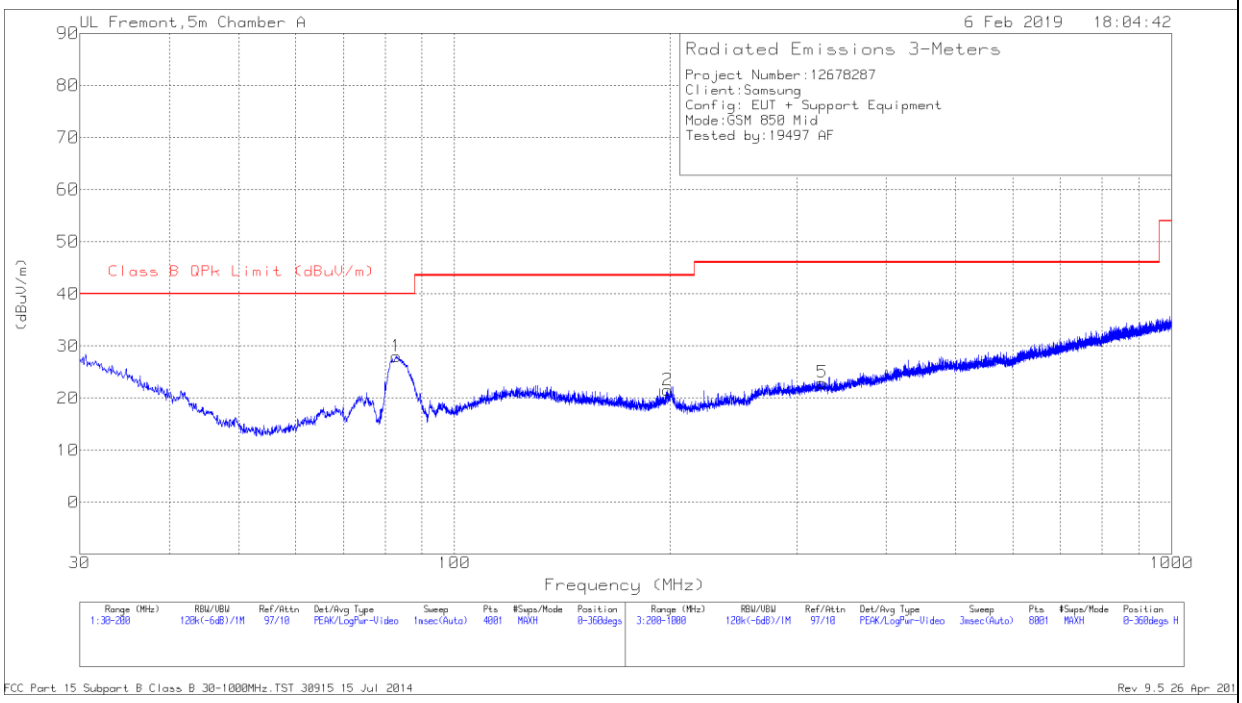
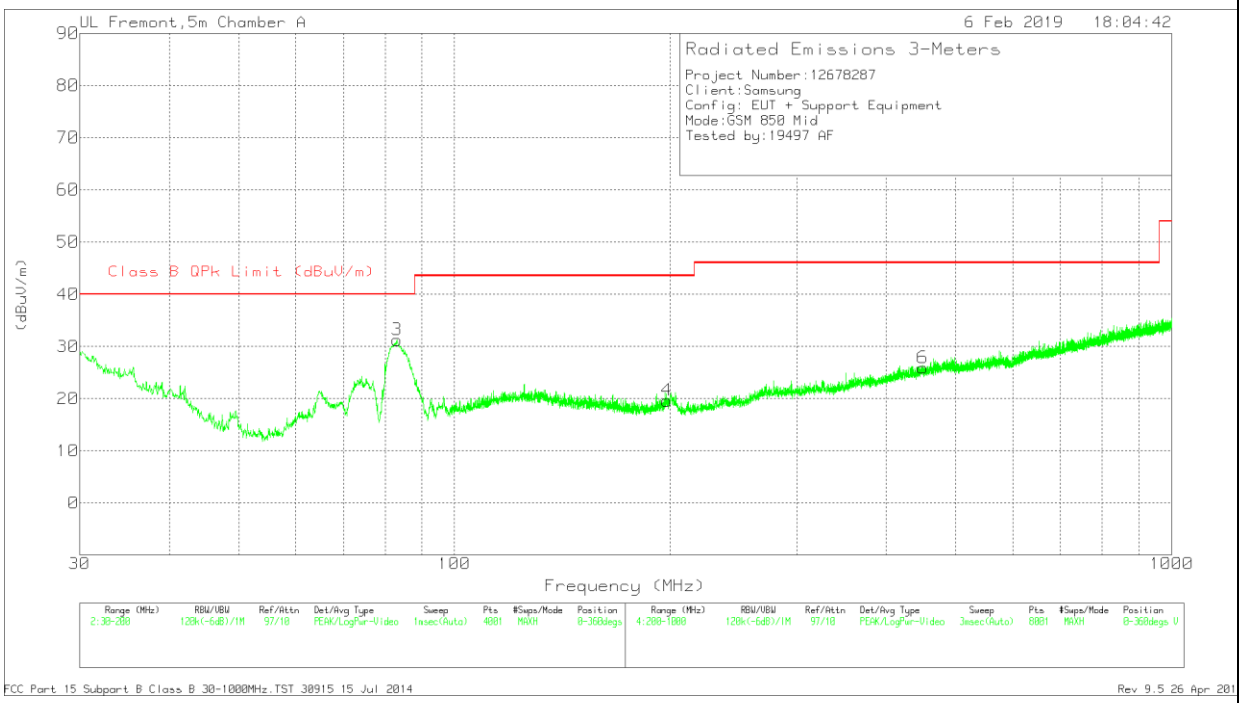
MID CHANNEL(881.6MHz)



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	83.0188	41.29	Pk	13.2	-26.5	27.99	40	-12.01	0-360	199	H
3	83.0825	44.53	Pk	13.2	-26.5	31.23	40	-8.77	0-360	100	V
4	197.62	26.31	Pk	18.4	-25.1	19.61	43.52	-23.91	0-360	100	V
2	198.3	28.13	Pk	18.5	-25.1	21.53	43.52	-21.99	0-360	98	H
5	325.9	27.56	Pk	19.8	-24.4	22.96	46.02	-23.06	0-360	399	H
6	449.9	28.07	Pk	22.7	-24.9	25.87	46.02	-20.15	0-360	300	V

Pk - Peak detector

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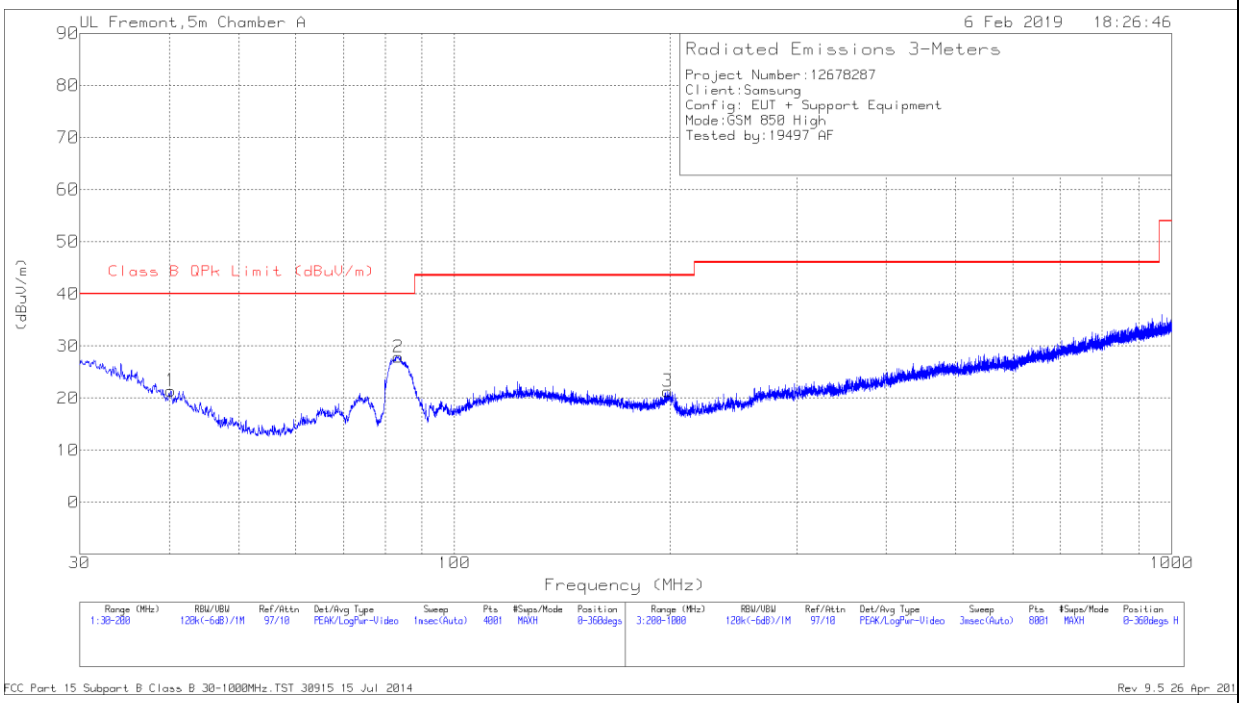
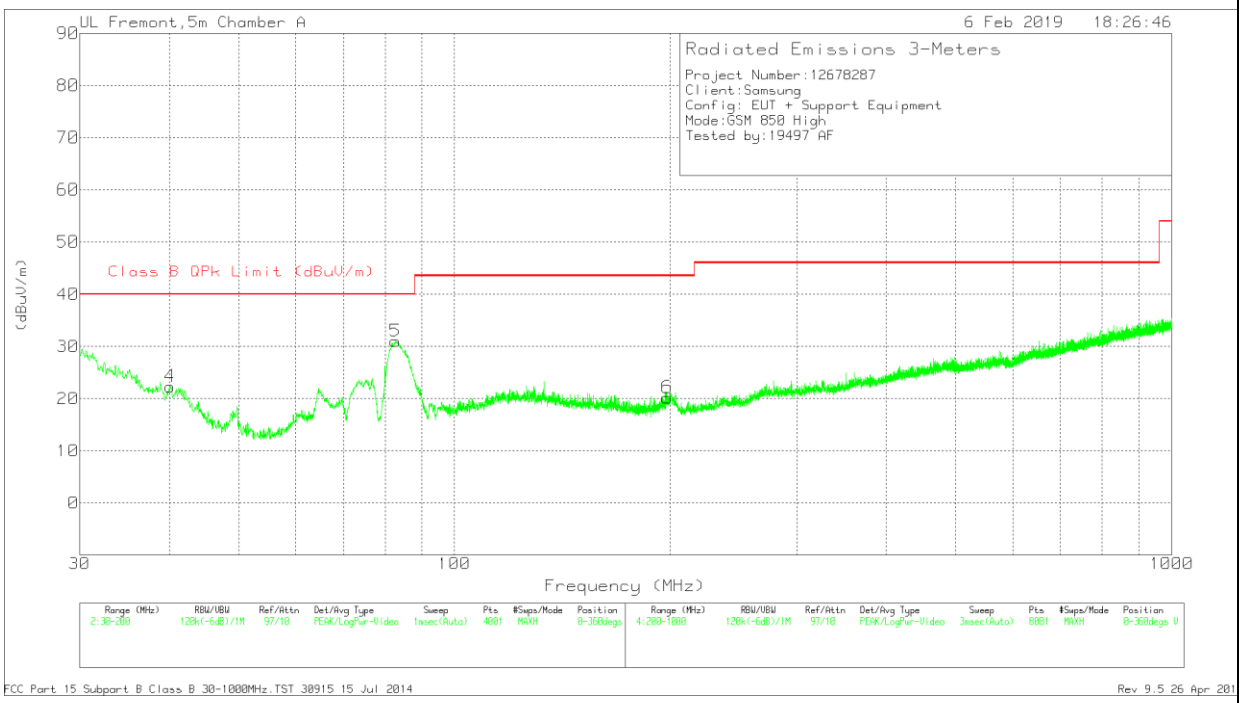
HIGH CHANNEL(893.8MHz)



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	40.115	30	Pk	19.4	-27.1	22.3	40	-17.7	0-360	100	V
1	40.2	29.24	Pk	19.3	-27.1	21.44	40	-18.56	0-360	200	H
5	82.7	44.32	Pk	13.2	-26.5	31.02	40	-8.98	0-360	100	V
2	83.4225	41.17	Pk	13.2	-26.5	27.87	40	-12.13	0-360	200	H
6	198.0025	26.79	Pk	18.5	-25.1	20.19	43.52	-23.33	0-360	100	V
3	198.0875	27.89	Pk	18.5	-25.1	21.29	43.52	-22.23	0-360	399	H

Pk - Peak detector

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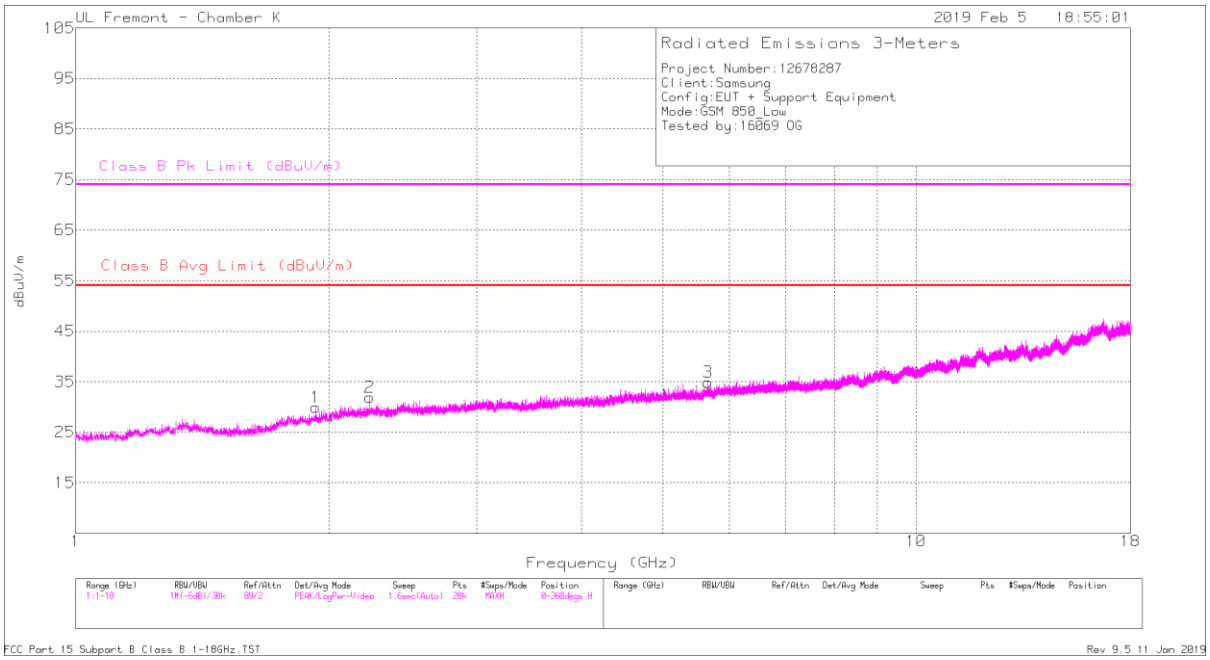
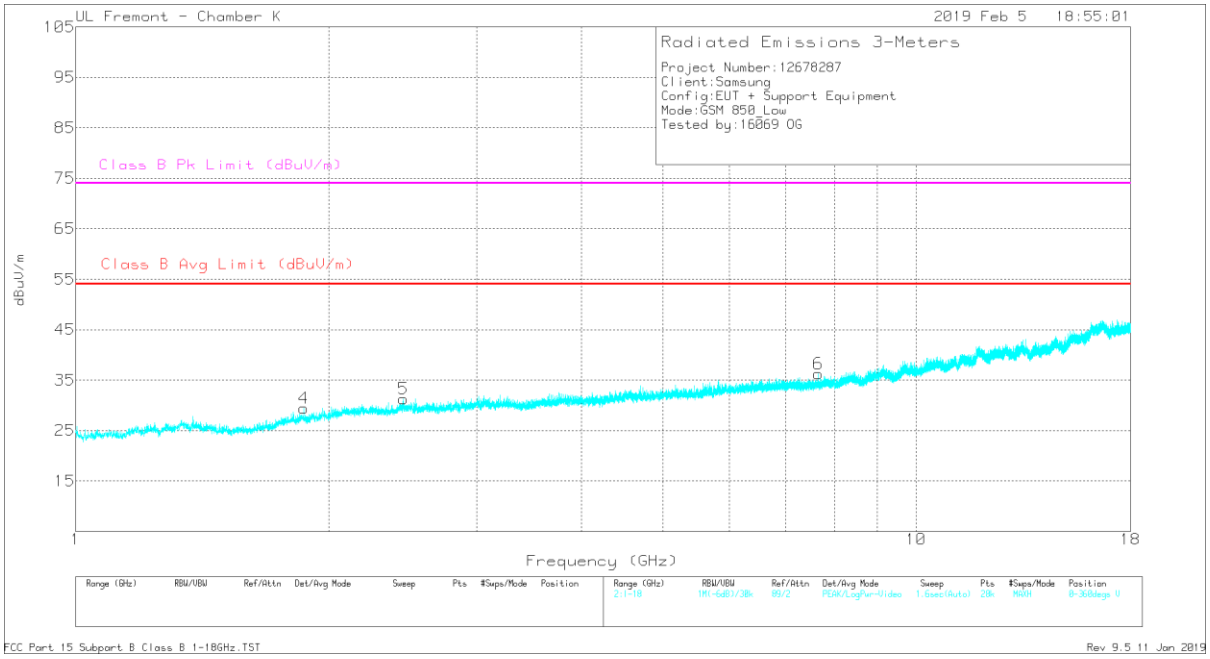
11.1.2. ABOVE 1GHz

LOW CHANNEL(869.2MHz)



HORIZONTAL



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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
1.931	35.05	Pk	30.7	-35.4	30.35			74	-43.65	72	222	H
1.931	21.77	Av	30.7	-35.4	17.07	54	-36.93	-	-	72	222	H
2.236	33.14	Pk	31.9	-35.5	29.54			74	-44.46	67	187	H
2.236	20.45	Av	31.9	-35.5	16.85	54	-37.15	-	-	67	187	H
5.653	28.25	Pk	34.6	-29.4	33.45			74	-40.55	171	139	H
5.653	15.46	Av	34.6	-29.4	20.66	54	-33.34	-	-	171	139	H
1.871	43.21	Pk	30.4	-35.4	38.21			74	-35.79	353	386	V
1.87	29.58	Av	30.4	-35.4	24.58	54	-29.42	-	-	353	386	V
2.455	43.26	Pk	32.2	-35.3	40.16			74	-33.84	238	166	V
2.458	29.5	Av	32.2	-35.3	26.4	54	-27.6	-	-	238	166	V
7.647	35.68	Pk	35.6	-26.6	44.68			74	-29.32	53	341	V
7.646	22.38	Av	35.6	-26.6	31.38	54	-22.62	-	-	53	341	V

Pk - Peak detector
Av - Average detection

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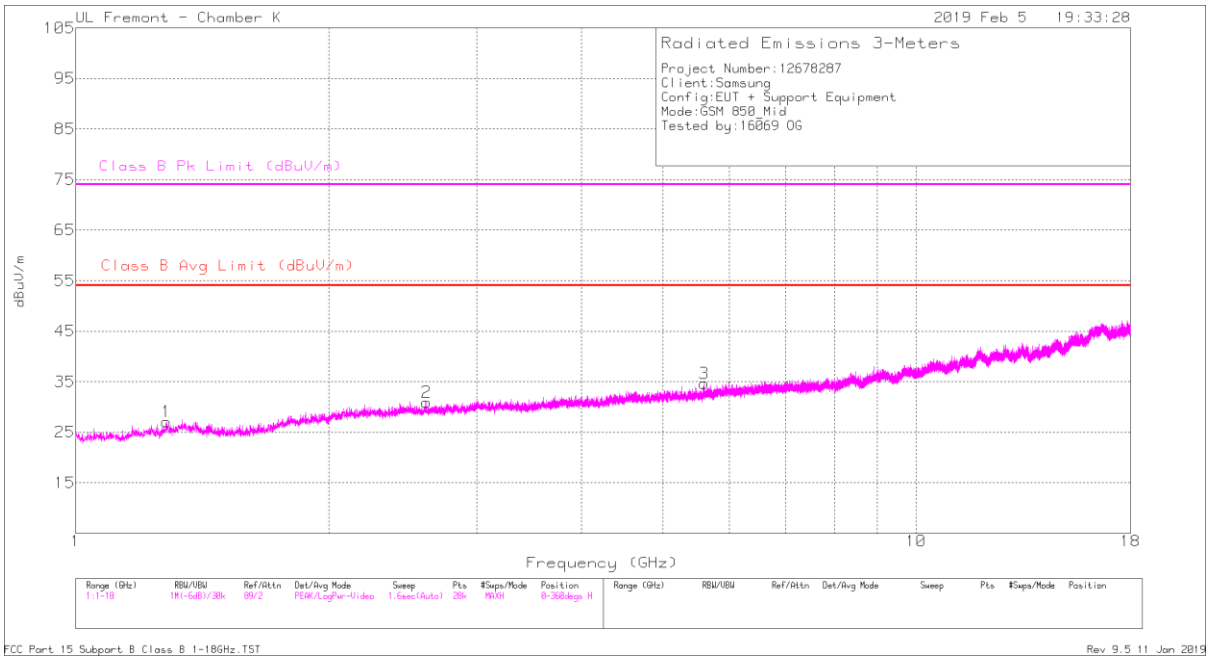
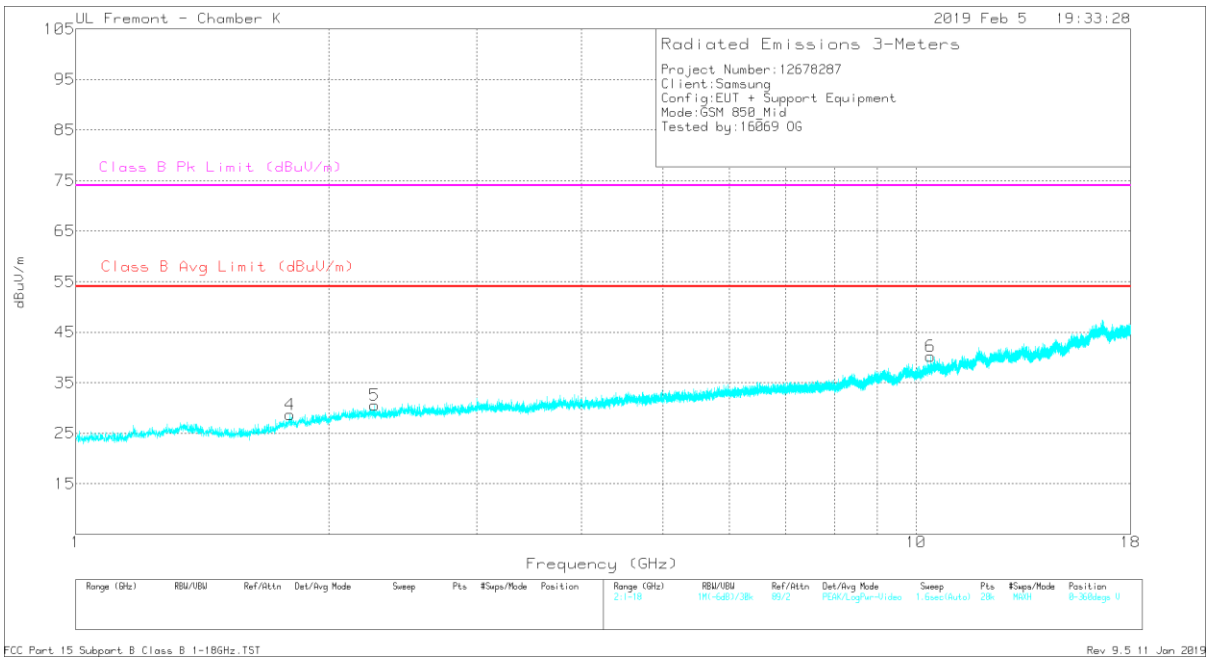
MID CHANNEL(881.6MHz)



HORIZONTAL



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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
1.284	33.13	Pk	28.7	-35.5	26.33			74	-47.67	54	305	H
1.284	20.3	Av	28.7	-35.5	13.5	54	-40.5	-	-	54	305	H
2.616	33.11	Pk	32.3	-35.3	30.11			74	-43.89	193	155	H
2.616	20.36	Av	32.3	-35.3	17.36	54	-36.64	-	-	193	155	H
5.6	28.48	Pk	34.6	-29.6	33.48			74	-40.52	201	108	H
5.6	15.55	Av	34.6	-29.6	20.55	54	-33.45	-	-	201	108	H
1.8	41.16	Pk	30.1	-35.4	35.86			74	-38.14	265	188	V
1.8	29.47	Av	30.1	-35.4	24.17	54	-29.83	-	-	265	188	V
2.269	43.13	Pk	31.8	-35.4	39.53			74	-34.47	304	321	V
2.266	29.54	Av	31.8	-35.4	25.94	54	-28.06	-	-	304	321	V
10.401	34.12	Pk	37.4	-23.4	48.12			74	-25.88	178	331	V
10.401	19.94	Av	37.4	-23.4	33.94	54	-20.06	-	-	178	331	V

Pk - Peak detector
Av - Average detection

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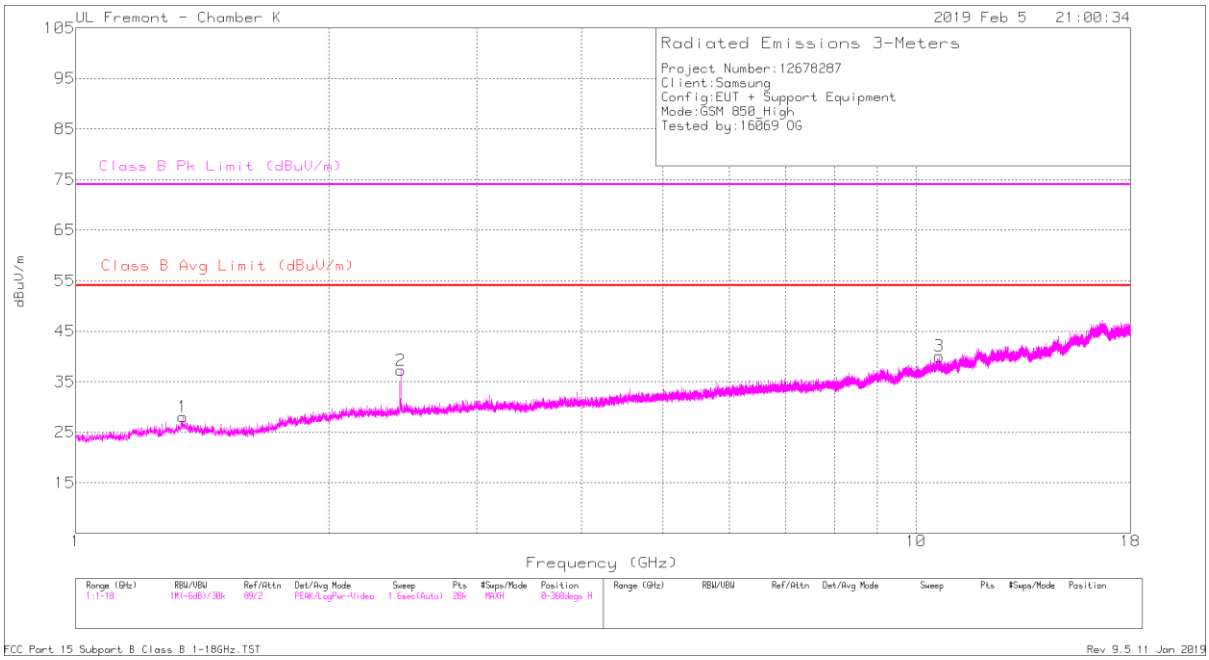
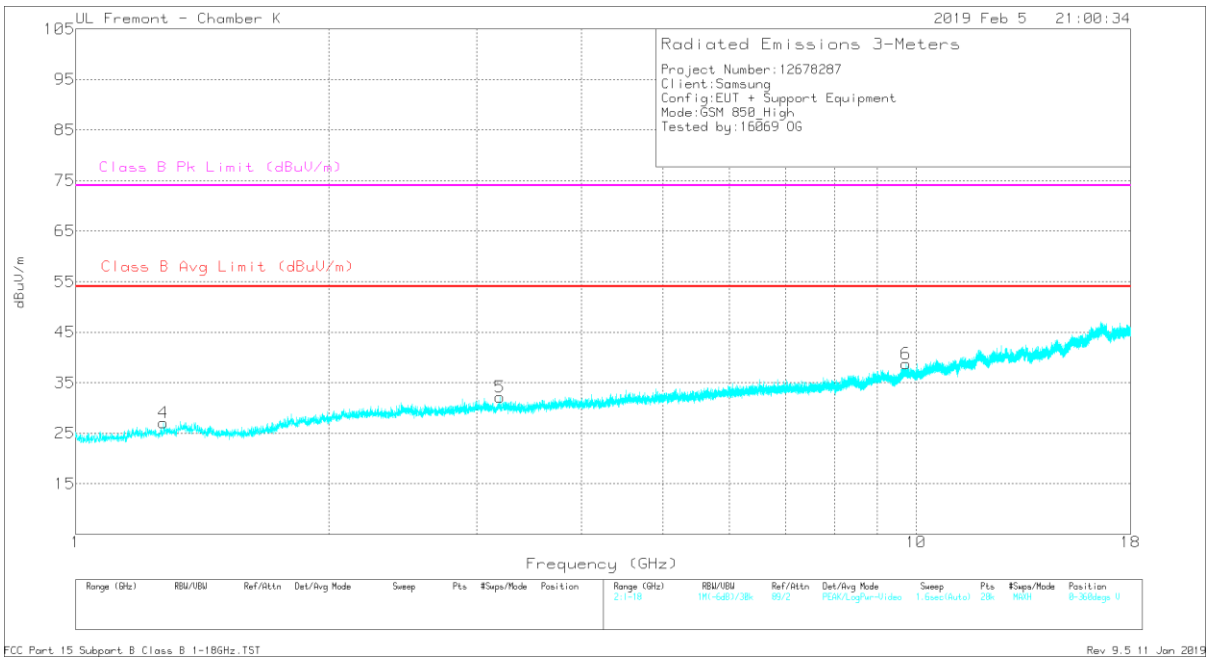
HIGH CHANNEL(893.8MHz)



HORIZONTAL



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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
1.34	33.28	Pk	29.3	-35.5	27.08			74	-46.92	262	246	H
1.34	20.43	Av	29.3	-35.5	14.23	54	-39.77	-	-	262	246	H
2.436	41.22	Pk	32.2	-35.3	38.12			74	-35.88	28	365	H
2.436	21.82	Av	32.2	-35.3	18.72	54	-35.28	-	-	28	365	H
10.66	23.29	Pk	37.8	-22.9	38.19			74	-35.81	292	366	H
10.66	11.71	Av	37.8	-22.9	26.61	54	-27.39	-	-	292	366	H
1.274	43.17	Pk	28.7	-35.4	36.47			74	-37.53	33	364	V
1.271	29.12	Av	28.7	-35.4	22.42	54	-31.58	-	-	33	364	V
3.196	41.7	Pk	32.9	-34	40.6			74	-33.4	183	286	V
3.196	28.37	Av	32.9	-34	27.27	54	-26.73	-	-	183	286	V
9.734	34.14	Pk	36.9	-23.9	47.14			74	-26.86	234	172	V
9.733	20.81	Av	36.9	-23.9	33.81	54	-20.19	-	-	234	172	V

Pk - Peak detector
Av - Average detection

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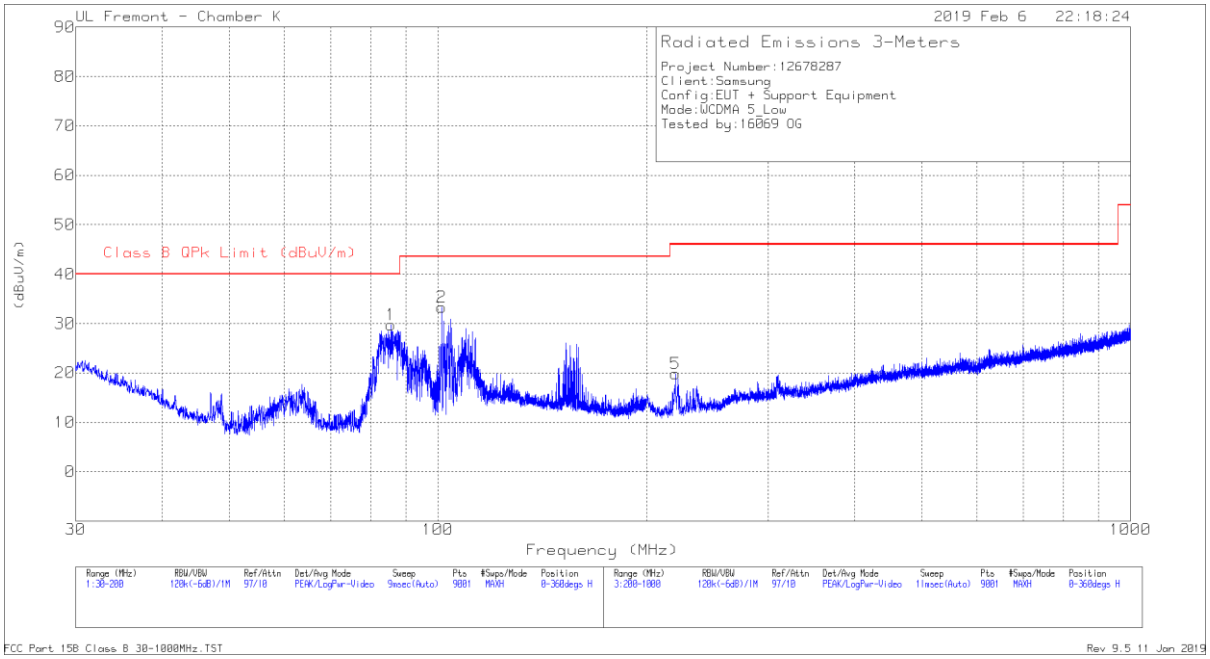
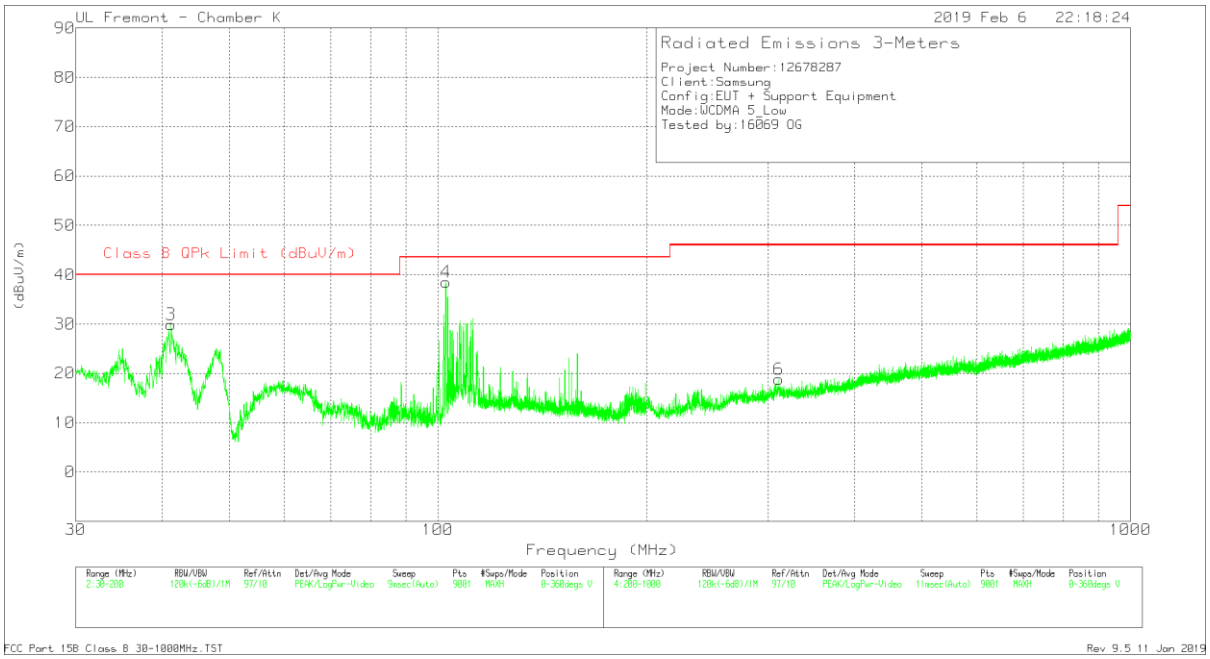
11.2. WCDMA B5

11.2.1. BELOW 1GHz

LOW CHANNEL(871.4MHz)



HORIZONTAL



VERTICAL

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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184052 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	85.5337	47.54	Pk	13.3	-31.1	29.74	40	-10.26	0-360	199	H
2	101.2493	47.64	Pk	16.5	-30.9	33.24	43.52	-10.28	0-360	299	H
3	41.1823	42.63	Pk	18.8	-31.5	29.93	40	-10.07	0-360	100	V
4	102.6849	52.56	Pk	16.9	-30.9	38.56	43.52	-4.96	0-360	100	V
5	220.2667	33.48	Pk	16.6	-30.2	19.88	46.02	-26.14	0-360	100	H
6	310.8446	28.84	Pk	19.7	-29.7	18.84	46.02	-27.18	0-360	299	V

Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184052 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
102.4581	33.13	Pk	16.8	-30.9	19.03	43.52	-24.49	0	114	V
102.6902	23.25	Qp	16.9	-30.9	9.25	43.52	-34.27	0	114	V

Pk - Peak detector
Qp - Quasi-Peak detector

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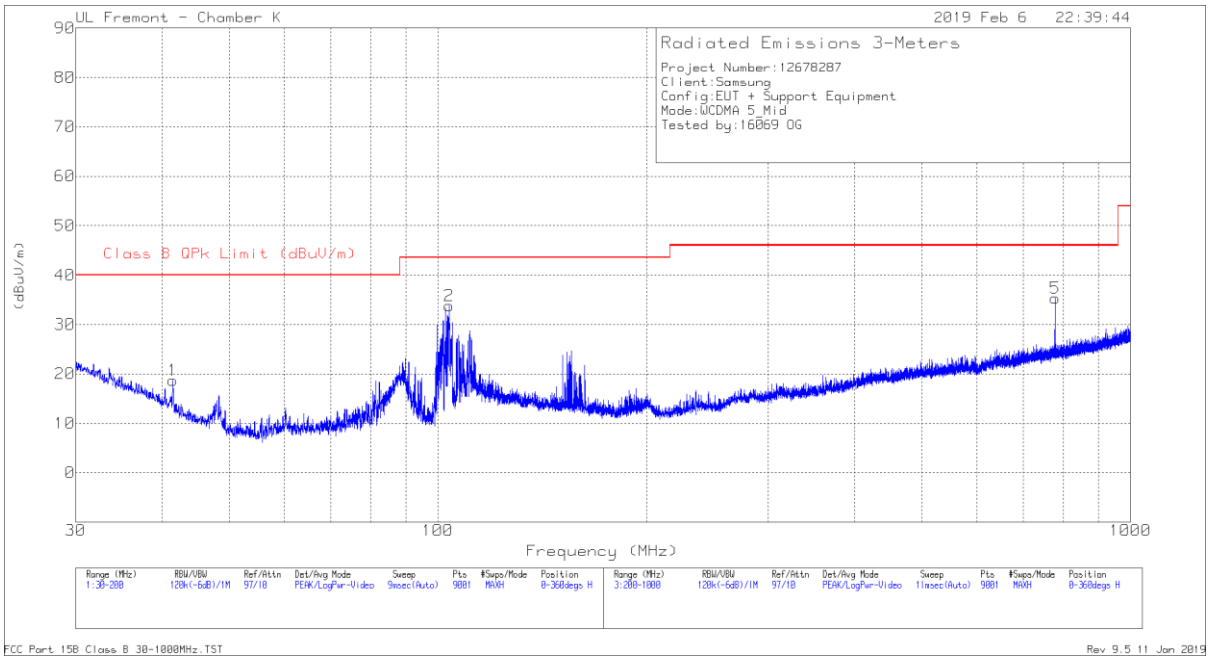
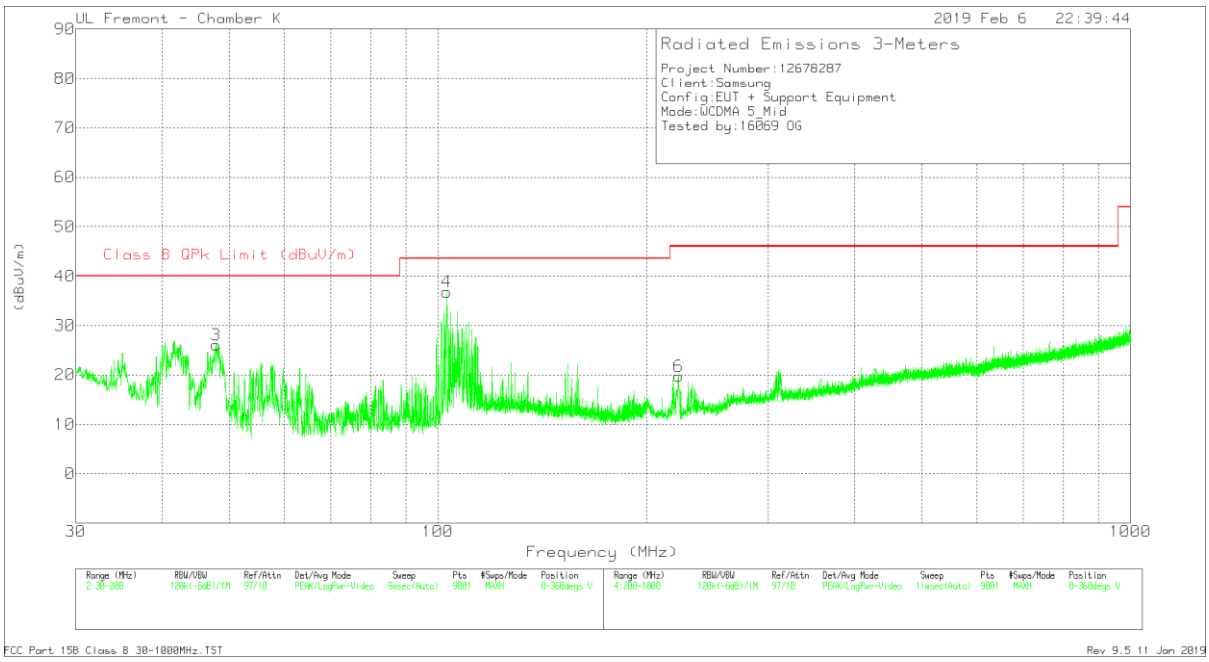
MID CHANNEL(881.6MHz)



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184052 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	41.4278	31.56	Pk	18.6	-31.5	18.66	40	-21.34	0-360	100	H
2	103.7804	47.52	Pk	17.2	-30.9	33.82	43.52	-9.7	0-360	299	H
3	47.8501	42.9	Pk	14.6	-31.4	26.1	40	-13.9	0-360	100	V
4	103.0249	50.69	Pk	17	-30.9	36.79	43.52	-6.73	0-360	100	V
5	778.6674	36.23	Pk	27	-27.9	35.33	46.02	-10.69	0-360	399	H
6	222.5778	33.15	Pk	16.7	-30.1	19.75	46.02	-26.27	0-360	100	V

Pk - Peak detector

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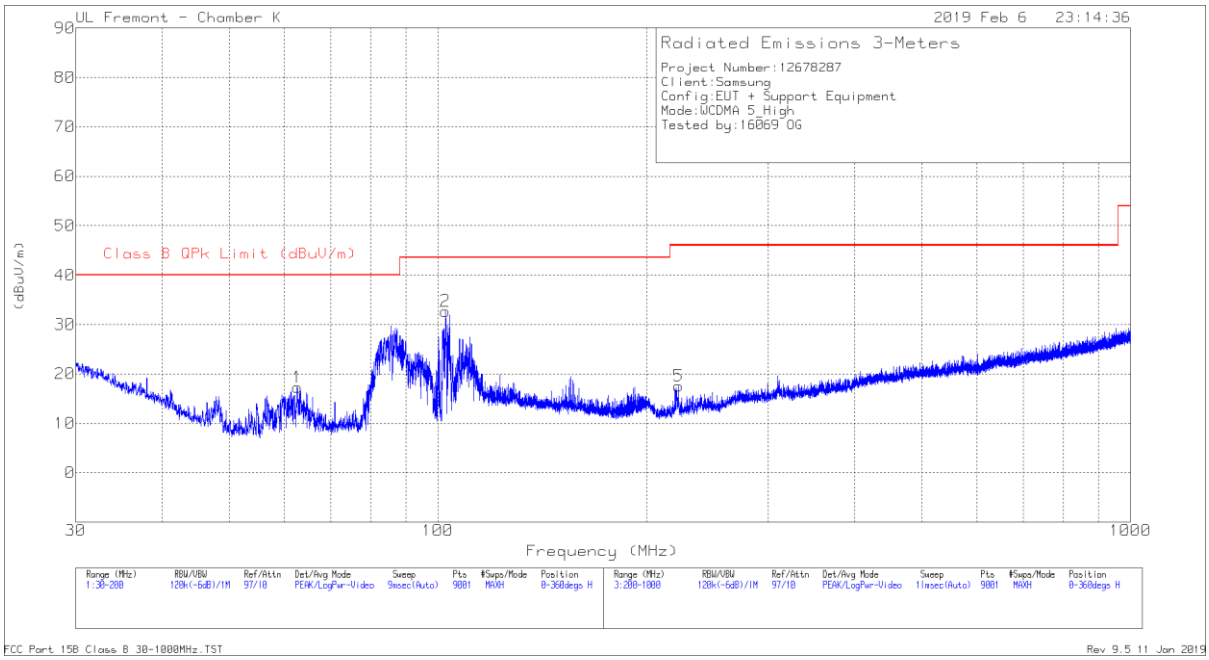
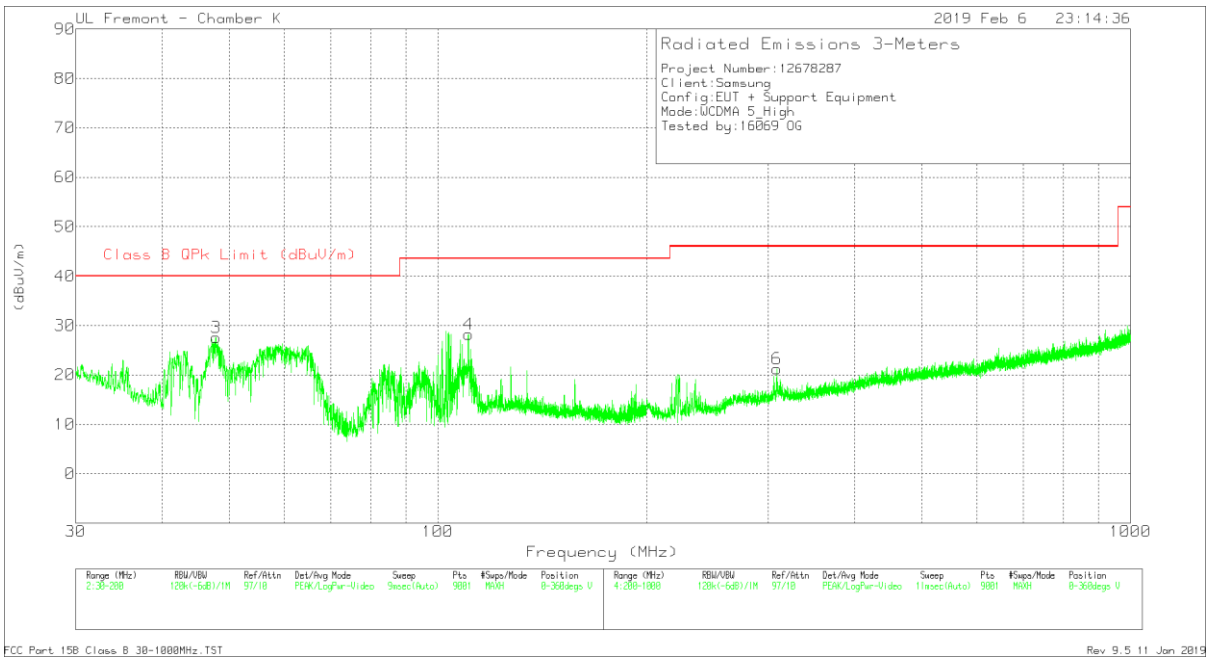
HIGH CHANNEL(891.6MHz)



HORIZONTAL



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RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184052 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	62.7346	34.9	Pk	13.6	-31.2	17.3	40	-22.7	0-360	299	H
2	102.5338	46.72	Pk	16.9	-30.9	32.72	43.52	-10.8	0-360	299	H
3	47.7934	44.33	Pk	14.6	-31.4	27.53	40	-12.47	0-360	100	V
4	110.7883	40.49	Pk	18.6	-30.9	28.19	43.52	-15.33	0-360	100	V
5	222.4889	31.1	Pk	16.6	-30.2	17.5	46.02	-28.52	0-360	199	H
6	308.5335	31.47	Pk	19.6	-29.8	21.27	46.02	-24.75	0-360	100	V

Pk - Peak detector

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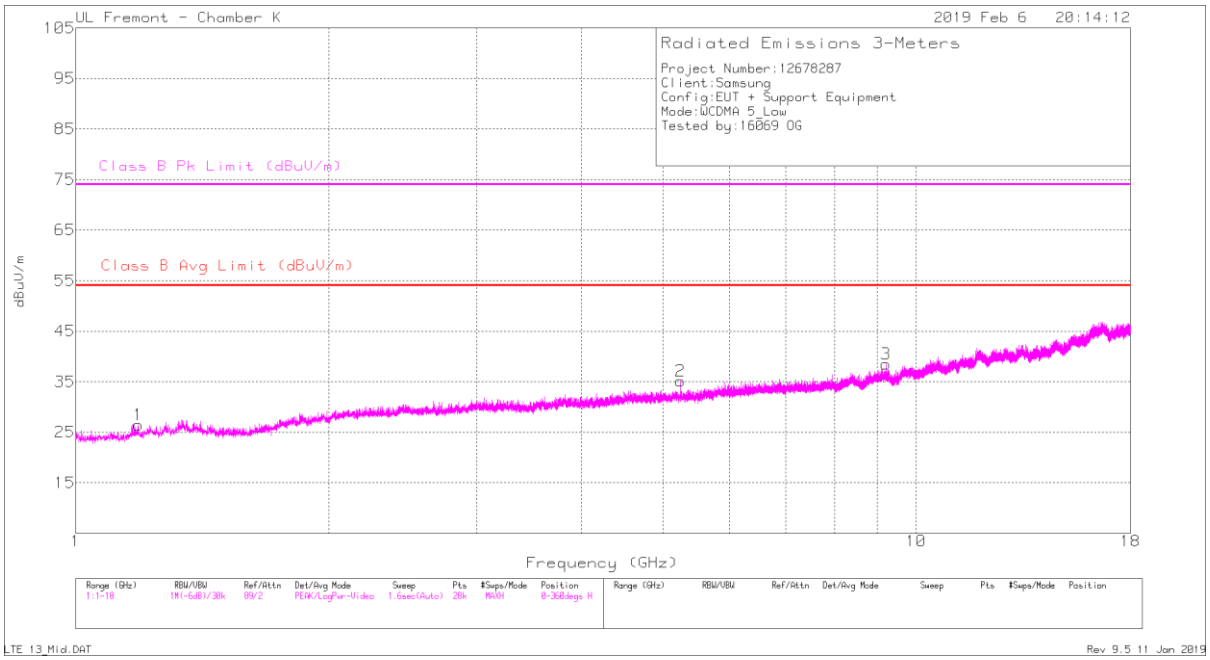
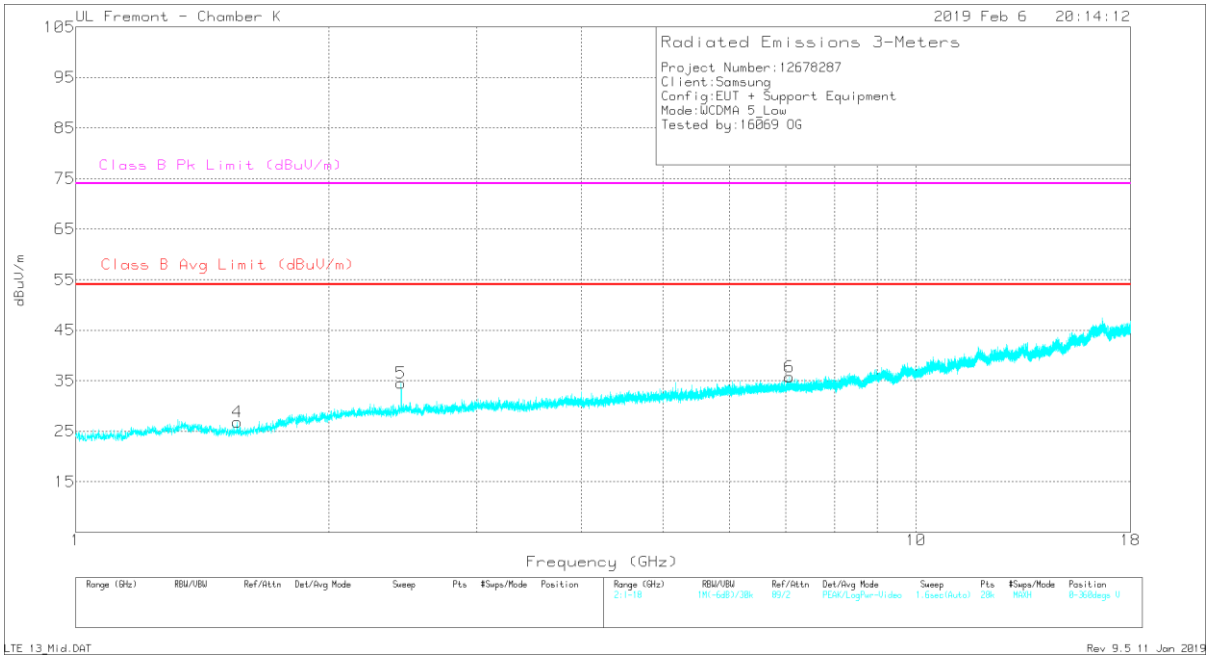
11.2.2. ABOVE 1GHz

LOW CHANNEL(871.4MHz)



HORIZONTAL



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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
1.187	32.51	Pk	28	-35.3	25.21			74	-48.79	183	119	H
1.187	19.99	Av	28	-35.3	12.69	54	-41.31	-	-	183	119	H
5.245	29.07	Pk	34.4	-30.2	33.27			74	-40.73	327	137	H
5.244	15.67	Av	34.4	-30.2	19.87	54	-34.13	-	-	327	137	H
9.205	24.23	Pk	36.2	-24.3	36.13			74	-37.87	337	176	H
9.205	12.13	Av	36.2	-24.3	24.03	54	-29.97	-	-	337	176	H
1.556	43.34	Pk	28.1	-35.5	35.94			74	-38.06	72	173	V
1.555	29.5	Av	28.1	-35.5	22.1	54	-31.9	-	-	72	173	V
2.439	48.03	Pk	32.2	-35.3	44.93			74	-29.07	164	259	V
2.437	29.63	Av	32.2	-35.3	26.53	54	-27.47	-	-	164	259	V
7.069	36.03	Pk	35.6	-27.1	44.53			74	-29.47	278	187	V
7.068	22.49	Av	35.6	-27.1	30.99	54	-23.01	-	-	278	187	V

Pk - Peak detector
Av - Average detection

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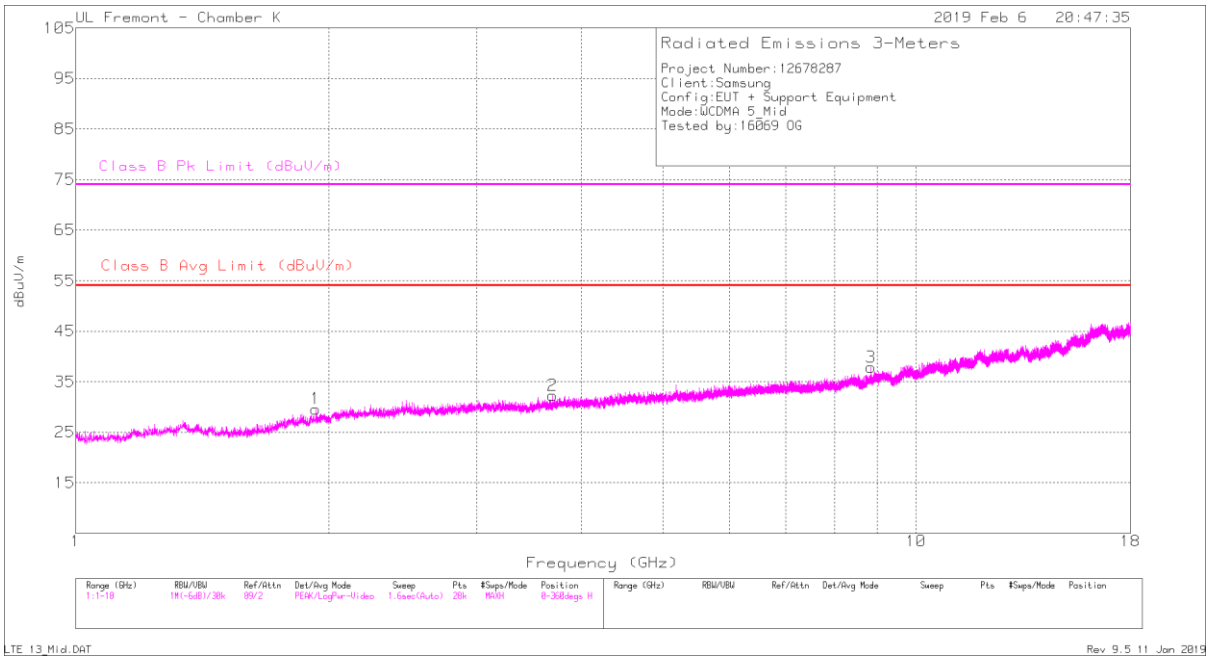
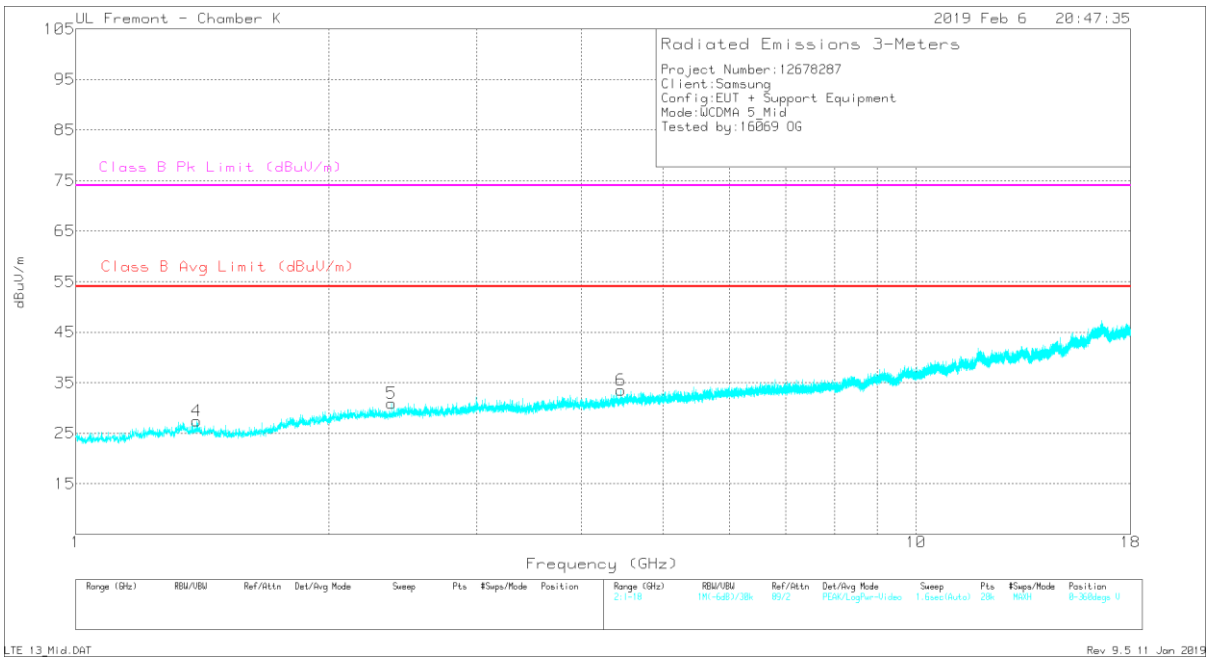
MID CHANNEL(881.6MHz)



HORIZONTAL



VERTICAL

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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
1.931	36.13	Pk	30.7	-35.4	31.43			74	-42.57	227	234	H
1.931	22.18	Av	30.7	-35.4	17.48	54	-36.52	-	-	227	234	H
3.692	30.92	Pk	33.1	-32.6	31.42			74	-42.58	224	381	H
3.693	17.84	Av	33.1	-32.6	18.34	54	-35.66	-	-	224	381	H
8.841	24.96	Pk	36.1	-24.7	36.36			74	-37.64	138	213	H
8.841	11.89	Av	36.1	-24.7	23.29	54	-30.71	-	-	138	213	H
1.391	43.39	Pk	29	-35.4	36.99			74	-37.01	50	363	V
1.393	29.43	Av	29	-35.4	23.03	54	-30.97	-	-	50	363	V
2.374	43.03	Pk	31.8	-35.3	39.53			74	-34.47	342	270	V
2.373	29.32	Av	31.8	-35.3	25.82	54	-28.18	-	-	342	270	V
4.454	39.95	Pk	33.8	-31.6	42.15			74	-31.85	272	387	V
4.452	26.5	Av	33.8	-31.6	28.7	54	-25.3	-	-	272	387	V

Pk - Peak detector
Av - Average detection

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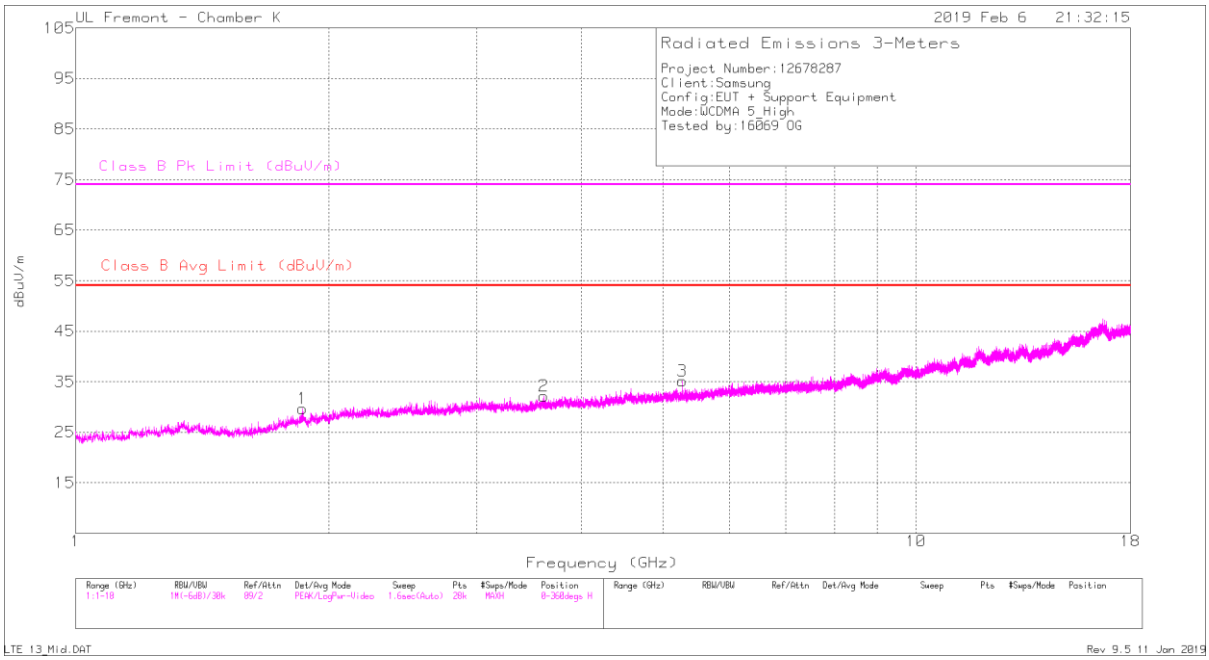
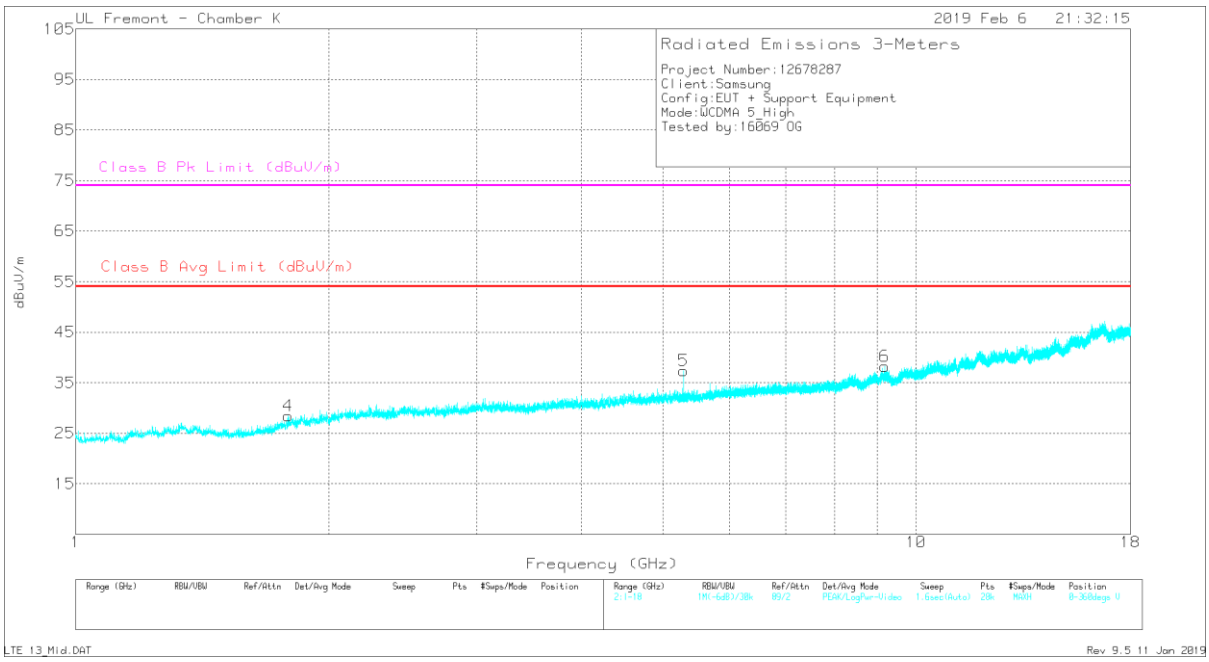
HIGH CHANNEL(891.6MHz)



HORIZONTAL



VERTICAL

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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
1.86	32.84	Pk	30.4	-35.4	27.84			74	-46.16	321	171	H
1.86	20.39	Av	30.4	-35.4	15.39	54	-38.61	-	-	321	171	H
3.605	30.67	Pk	33	-32.8	30.87			74	-43.13	273	168	H
3.605	18.14	Av	33	-32.8	18.34	54	-35.66	-	-	273	168	H
5.275	28.07	Pk	34.4	-30.1	32.37			74	-41.63	60	221	H
5.275	15.62	Av	34.4	-30.1	19.92	54	-34.08	-	-	60	221	H
1.792	43.09	Pk	30	-35.4	37.69			74	-36.31	312	288	V
1.79	29.53	Av	30	-35.4	24.13	54	-29.87	-	-	312	288	V
5.293	38	Pk	34.4	-29.8	42.6			74	-31.4	71	250	V
5.291	26.71	Av	34.4	-29.8	31.31	54	-22.69	-	-	71	250	V
9.181	34.42	Pk	36.2	-24.2	46.42			74	-27.58	0	338	V
9.178	21.37	Av	36.2	-24.1	33.47	54	-20.53	-	-	0	338	V

Pk - Peak detector
Av - Average detection

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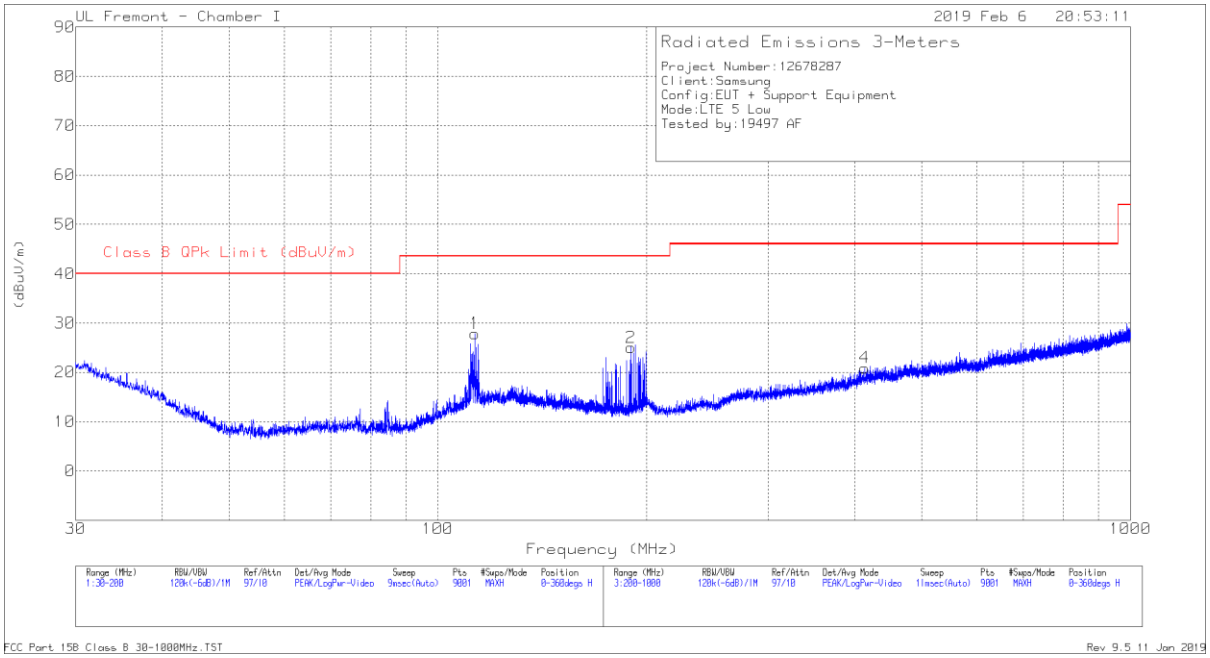
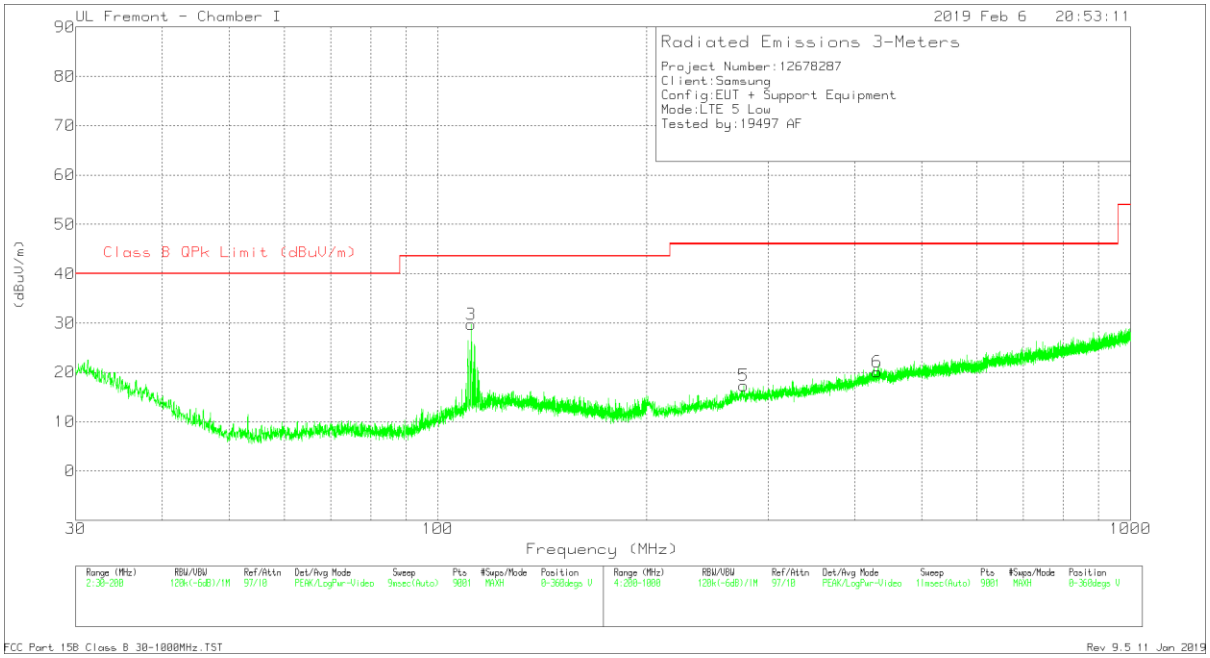
11.3. LTE Band 5

11.3.1. BELOW 1GHz

LOW CHANNEL(870.5MHz)



HORIZONTAL



VERTICAL

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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	113.1116	39.7	Pk	18.9	-30.7	27.9	43.52	-15.62	0-360	199	H
2	190.0654	38.3	Pk	17	-30.2	25.1	43.52	-18.42	0-360	399	H
3	111.6571	41.71	Pk	18.7	-30.7	29.71	43.52	-13.81	0-360	101	V
4	413.1558	28.42	Pk	22	-29.5	20.92	46.02	-25.1	0-360	199	H
5	276.4445	27.86	Pk	19.3	-29.8	17.36	46.02	-28.66	0-360	299	V
6	430.5781	27.15	Pk	22.5	-29.5	20.15	46.02	-25.87	0-360	299	V

Pk - Peak detector

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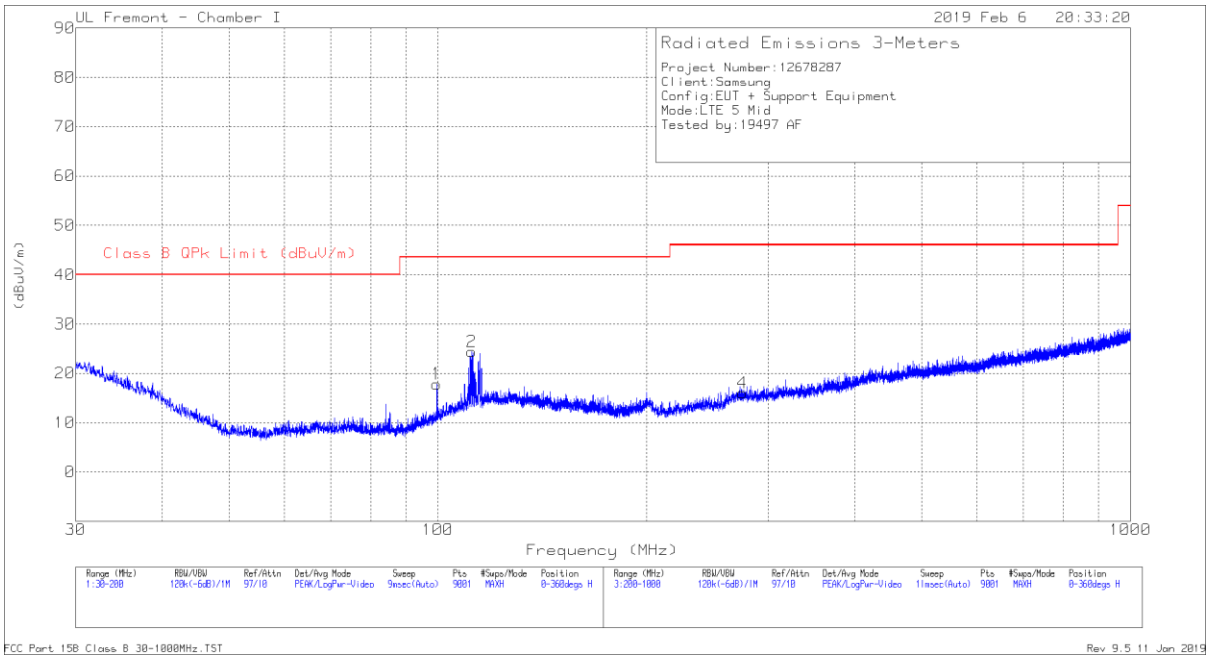
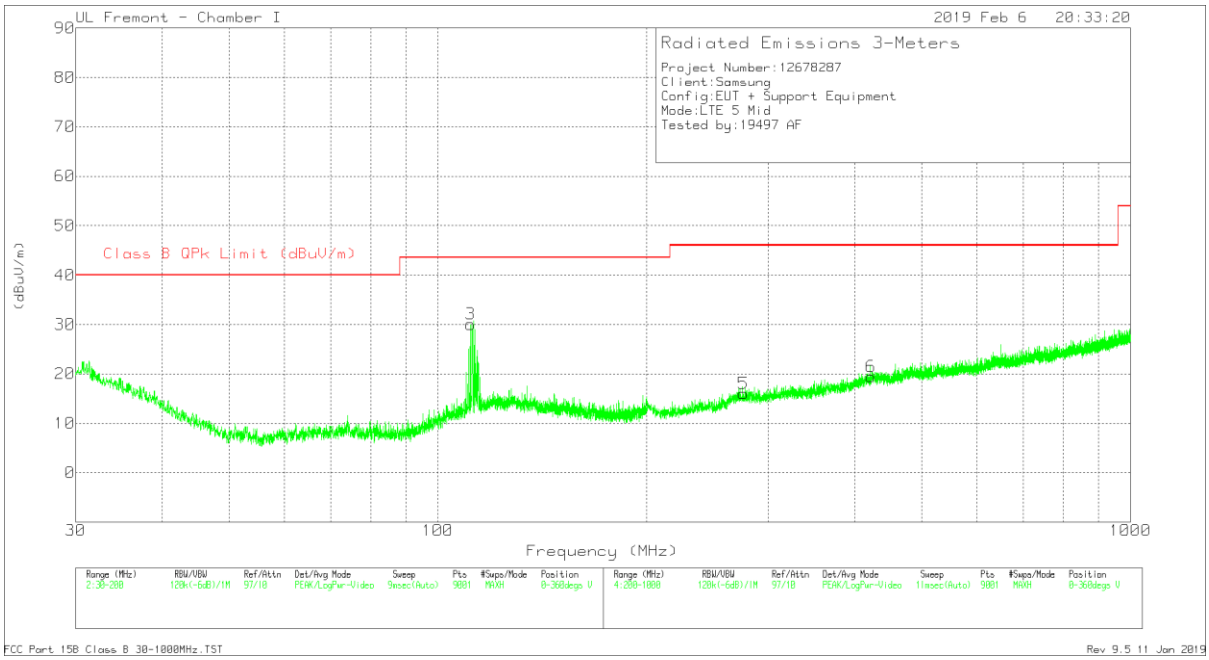
MID CHANNEL(881.5MHz)



HORIZONTAL



VERTICAL

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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	99.6626	32.57	Pk	16	-30.7	17.87	43.52	-25.65	0-360	300	H
2	111.846	36.36	Pk	18.8	-30.7	24.46	43.52	-19.06	0-360	300	H
3	111.4116	42.06	Pk	18.7	-30.7	30.06	43.52	-13.46	0-360	101	V
4	275.289	26.49	Pk	19.3	-29.8	15.99	46.02	-30.03	0-360	299	H
5	276.1779	26.58	Pk	19.3	-29.8	16.08	46.02	-29.94	0-360	199	V
6	422.0447	26.68	Pk	22.2	-29.4	19.48	46.02	-26.54	0-360	199	V

Pk - Peak detector

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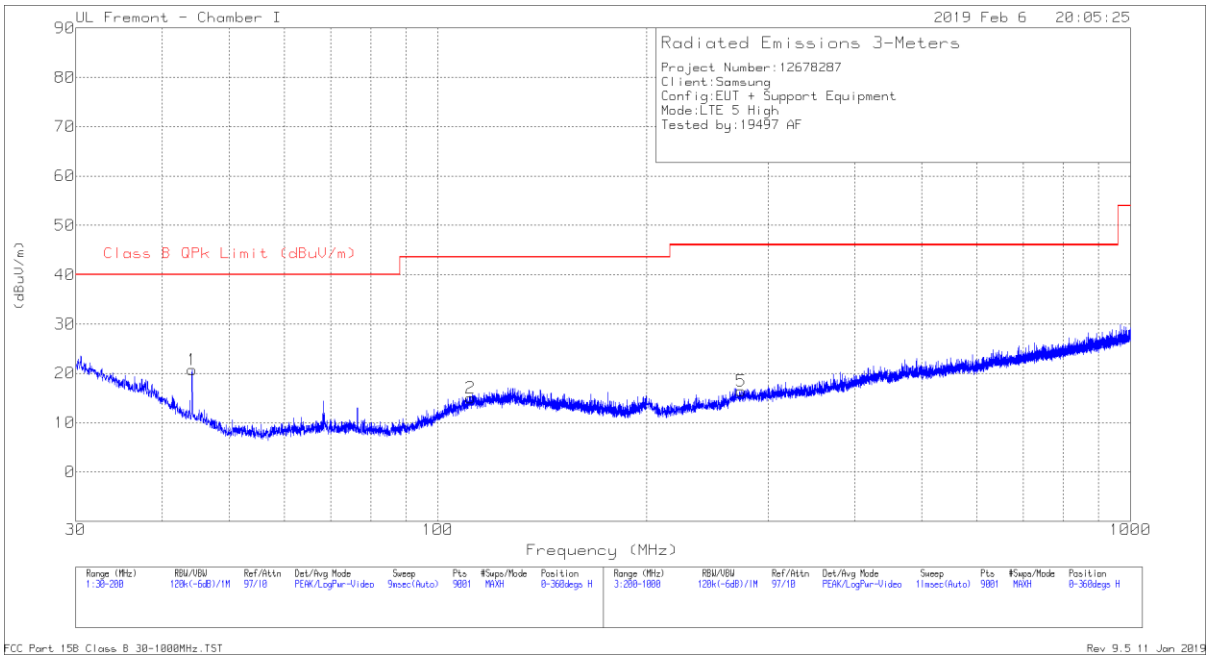
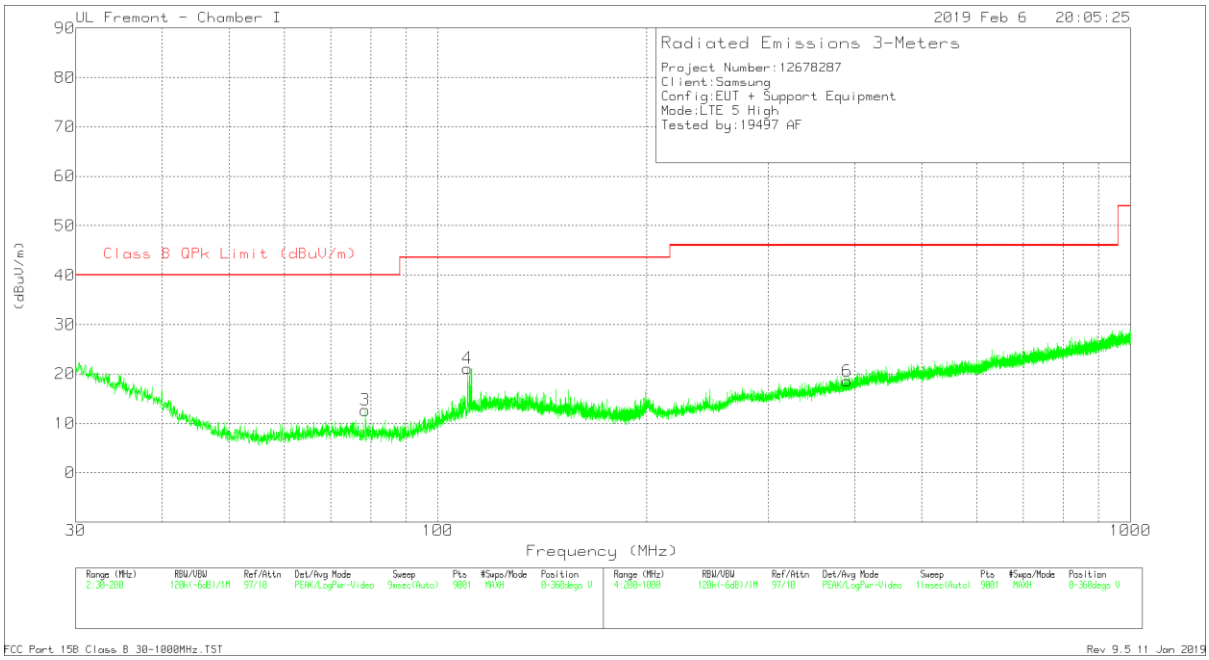
HIGH CHANNEL(892.5MHz)



HORIZONTAL



VERTICAL

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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	44.1668	35.35	Pk	16.6	-31.2	20.75	40	-19.25	0-360	299	H
2	111.3738	27.04	Pk	18.7	-30.7	15.04	43.52	-28.48	0-360	199	H
3	78.5636	30.07	Pk	13.5	-30.9	12.67	40	-27.33	0-360	101	V
4	110.3444	33.37	Pk	18.5	-30.7	21.17	43.52	-22.35	0-360	101	V
5	273.9556	27.01	Pk	19.3	-29.9	16.41	46.02	-29.61	0-360	399	H
6	390.1336	27.09	Pk	21.1	-29.6	18.59	46.02	-27.43	0-360	101	V

Pk - Peak detector

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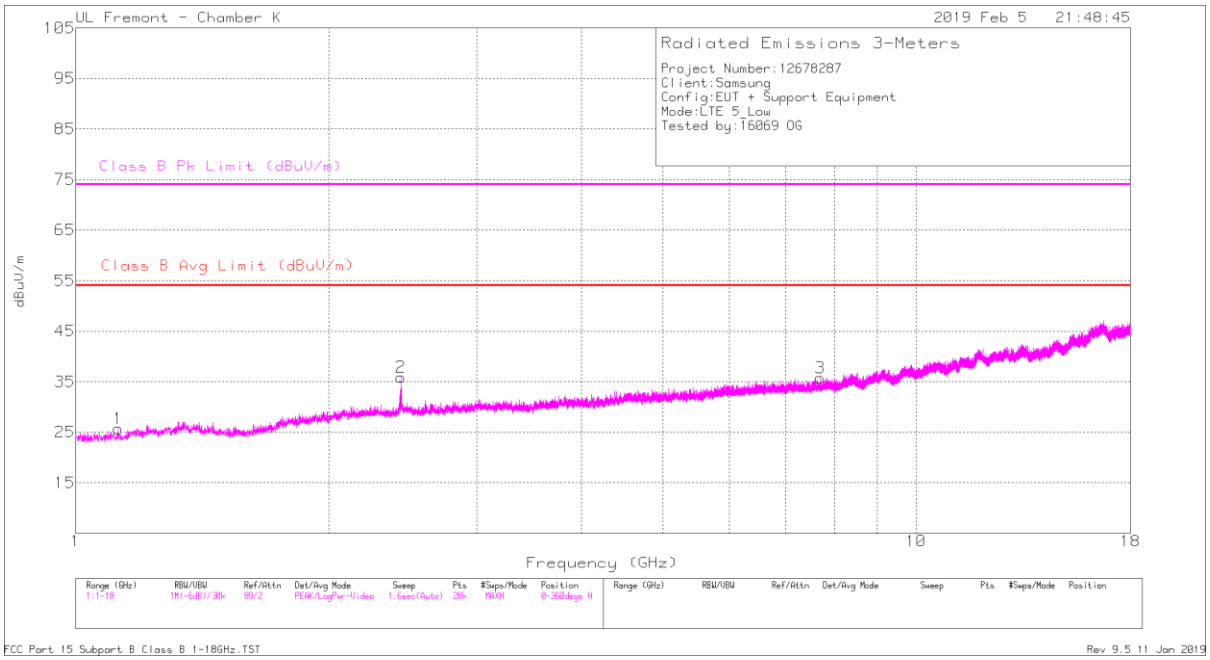
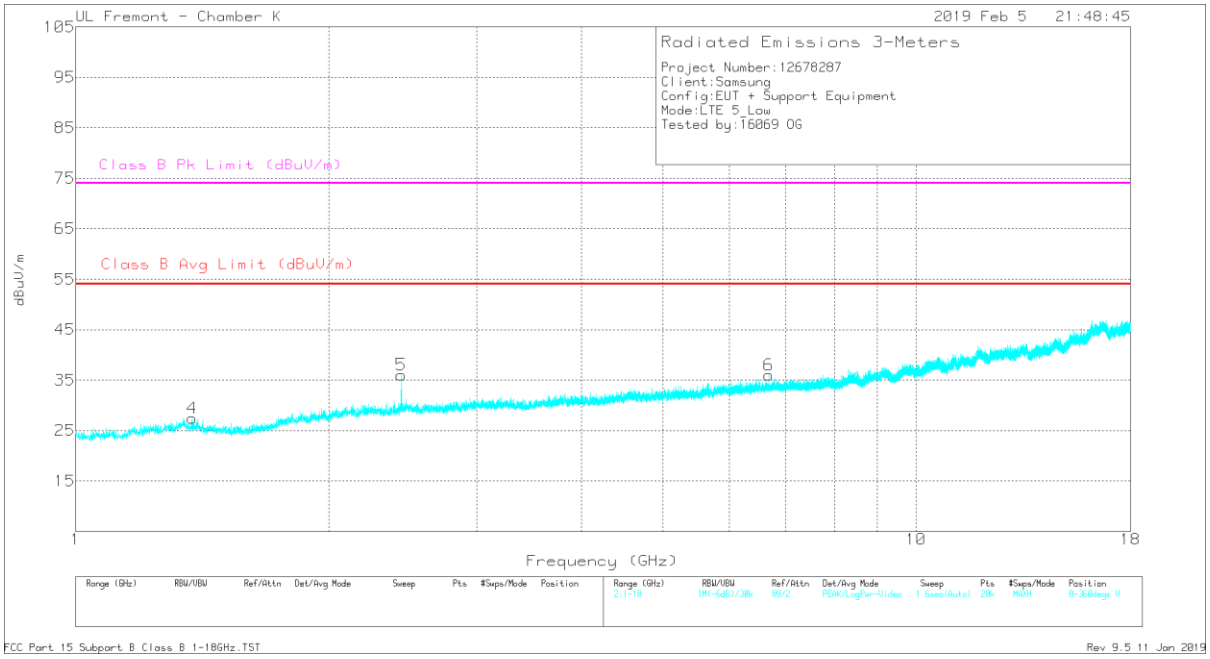
11.3.2. ABOVE 1GHz

LOW CHANNEL(870.5MHz)



HORIZONTAL



VERTICAL

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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
1.123	32.31	Pk	27.5	-35.3	24.51			74	-49.49	162	386	H
1.123	19.76	Av	27.5	-35.3	11.96	54	-42.04	-	-	162	386	H
2.439	43.09	Pk	32.2	-35.3	39.99			74	-34.01	252	227	H
2.439	22.49	Av	32.2	-35.3	19.39	54	-34.61	-	-	252	227	H
7.69	26.77	Pk	35.7	-26.6	35.87			74	-38.13	271	285	H
7.689	13.09	Av	35.7	-26.6	22.19	54	-31.81	-	-	271	285	H
1.375	42.59	Pk	29.2	-35.5	36.29			74	-37.71	222	362	V
1.375	28.96	Av	29.2	-35.5	22.66	54	-31.34	-	-	222	362	V
2.439	49.16	Pk	32.2	-35.3	46.06			74	-27.94	89	351	V
2.441	29.64	Av	32.2	-35.3	26.54	54	-27.46	-	-	89	351	V
6.68	35.62	Pk	35.5	-27.6	43.52			74	-30.48	355	190	V
6.683	22.73	Av	35.5	-27.6	30.63	54	-23.37	-	-	355	190	V

Pk - Peak detector
Av - Average detection

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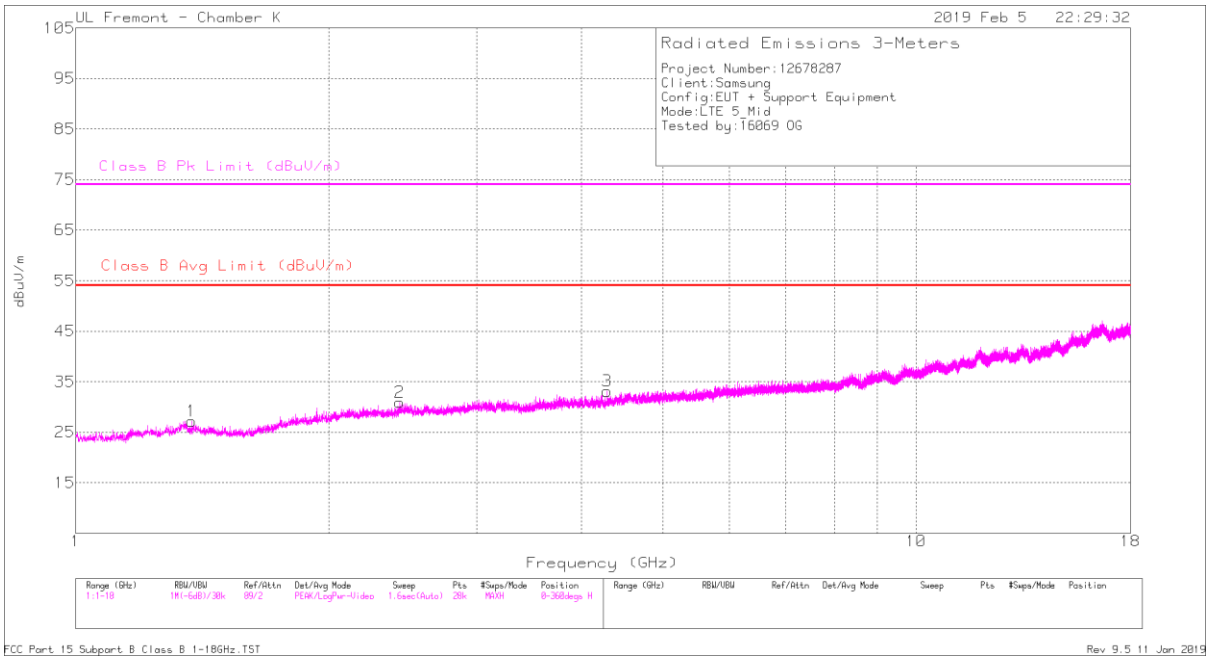
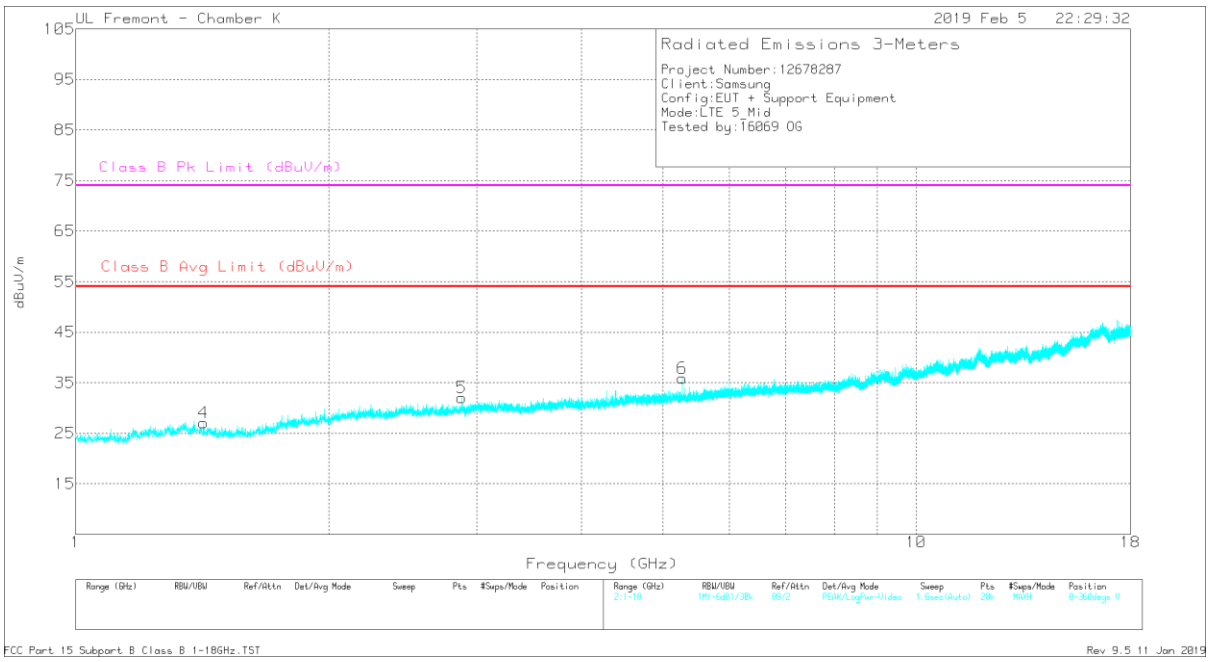
MID CHANNEL(881.5MHz)



HORIZONTAL



VERTICAL

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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
1.373	32.47	Pk	29.2	-35.4	26.27			74	-47.73	32	169	H
1.373	19.69	Av	29.2	-35.5	13.39	54	-40.61	-	-	32	169	H
2.43	36.4	Pk	32.1	-35.3	33.2			74	-40.8	302	330	H
2.43	20.32	Av	32.1	-35.3	17.12	54	-36.88	-	-	302	330	H
4.29	29.85	Pk	33.5	-31.7	31.65			74	-42.35	306	168	H
4.289	17.19	Av	33.5	-31.7	18.99	54	-35.01	-	-	306	168	H
1.42	42.6	Pk	28.7	-35.4	35.9			74	-38.1	331	277	V
1.421	28.91	Av	28.7	-35.4	22.21	54	-31.79	-	-	331	277	V
2.883	43.11	Pk	32.4	-34.8	40.71			74	-33.29	177	160	V
2.883	29.22	Av	32.4	-34.8	26.82	54	-27.18	-	-	177	160	V
5.271	38.48	Pk	34.4	-30.1	42.78			74	-31.22	24	213	V
5.27	24.9	Av	34.4	-30.1	29.2	54	-24.8	-	-	24	213	V

Pk - Peak detector
Av - Average detection

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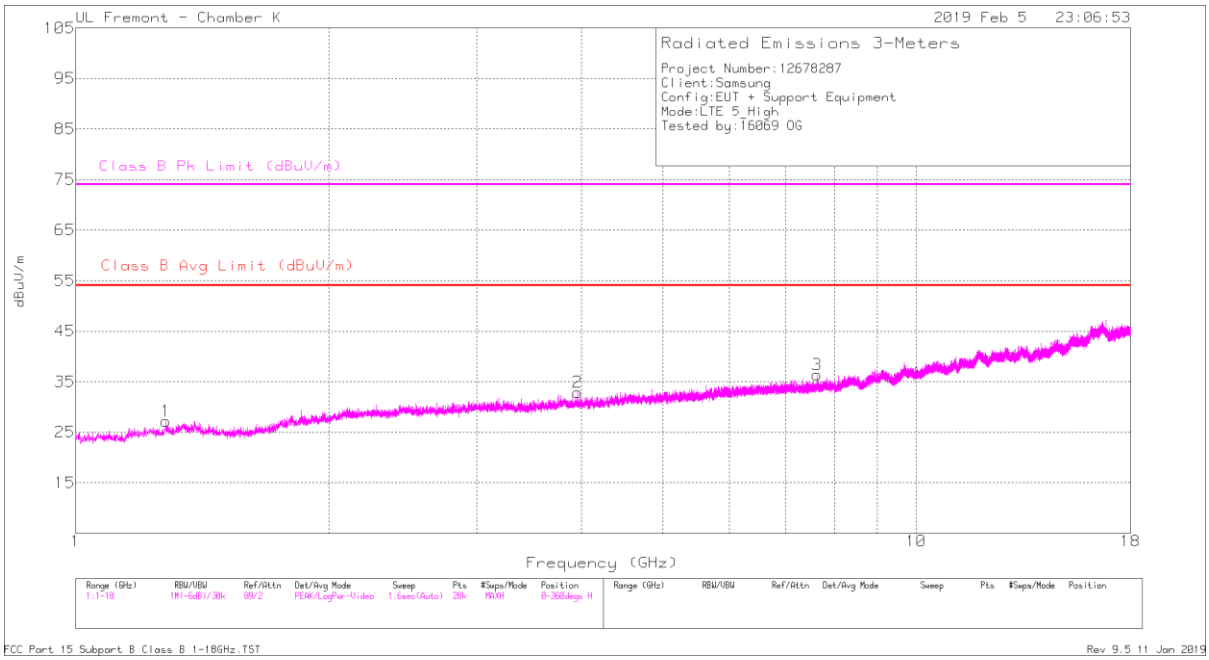
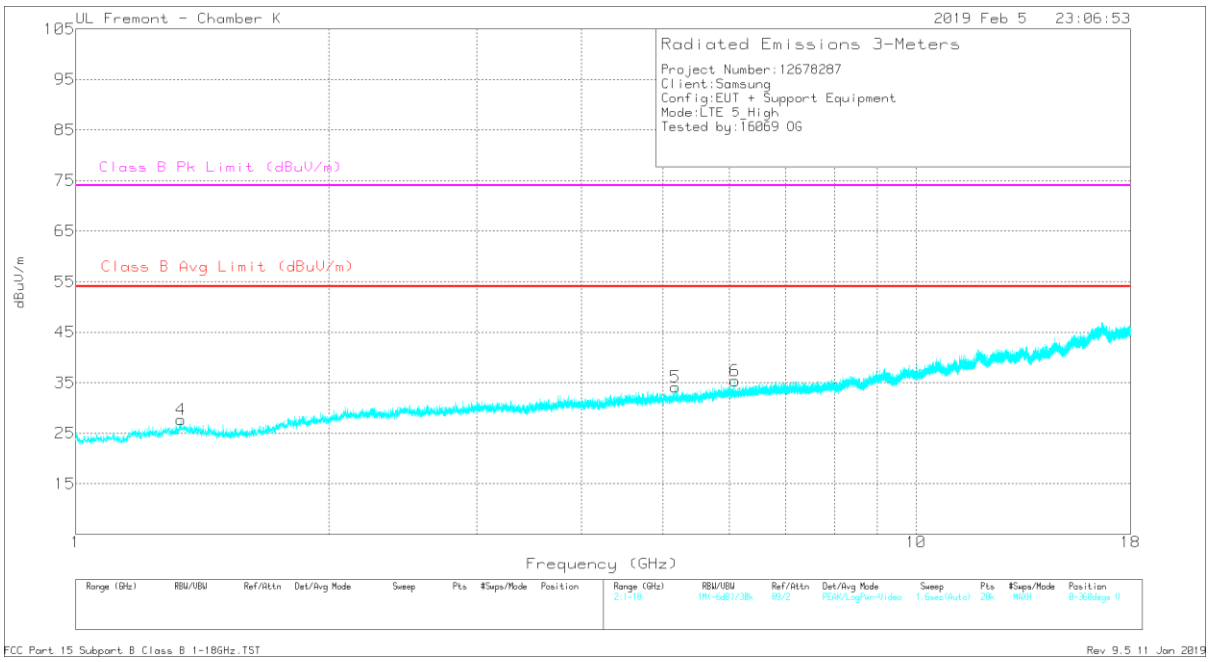
HIGH CHANNEL(892.5MHz)



HORIZONTAL



VERTICAL

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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
1.281	33.32	Pk	28.7	-35.4	26.62			74	-47.38	26	141	H
1.281	20.2	Av	28.7	-35.4	13.5	54	-40.5	-	-	26	141	H
3.957	30.49	Pk	33.4	-32	31.89			74	-42.11	347	128	H
3.957	17.13	Av	33.4	-32	18.53	54	-35.47	-	-	347	128	H
7.623	26.86	Pk	35.6	-26.5	35.96			74	-38.04	253	303	H
7.623	12.93	Av	35.6	-26.5	22.03	54	-31.97	-	-	253	303	H
1.332	43.01	Pk	29.2	-35.4	36.81			74	-37.19	146	209	V
1.334	29.37	Av	29.2	-35.4	23.17	54	-30.83	-	-	146	209	V
5.173	39.13	Pk	34.4	-30.4	43.13			74	-30.87	289	203	V
5.175	25.22	Av	34.4	-30.4	29.22	54	-24.78	-	-	289	203	V
6.09	36.4	Pk	35.3	-28.7	43			74	-31	76	126	V
6.089	23.36	Av	35.3	-28.7	29.96	54	-24.04	-	-	76	126	V

Pk - Peak detector
Av - Average detection

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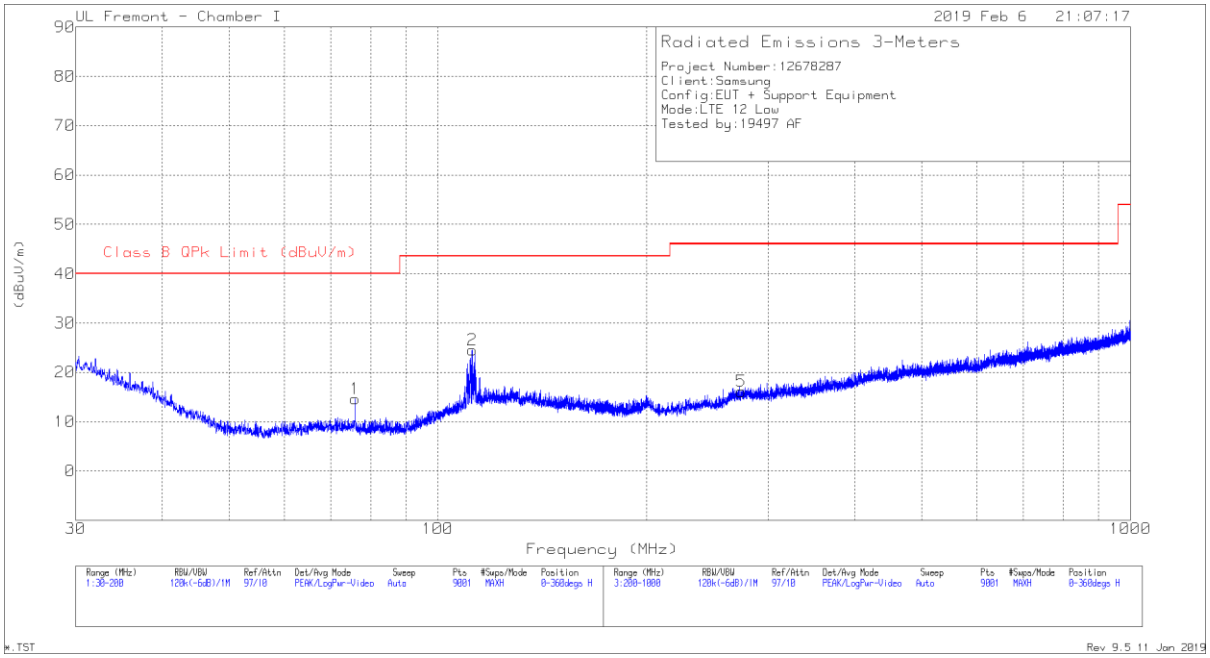
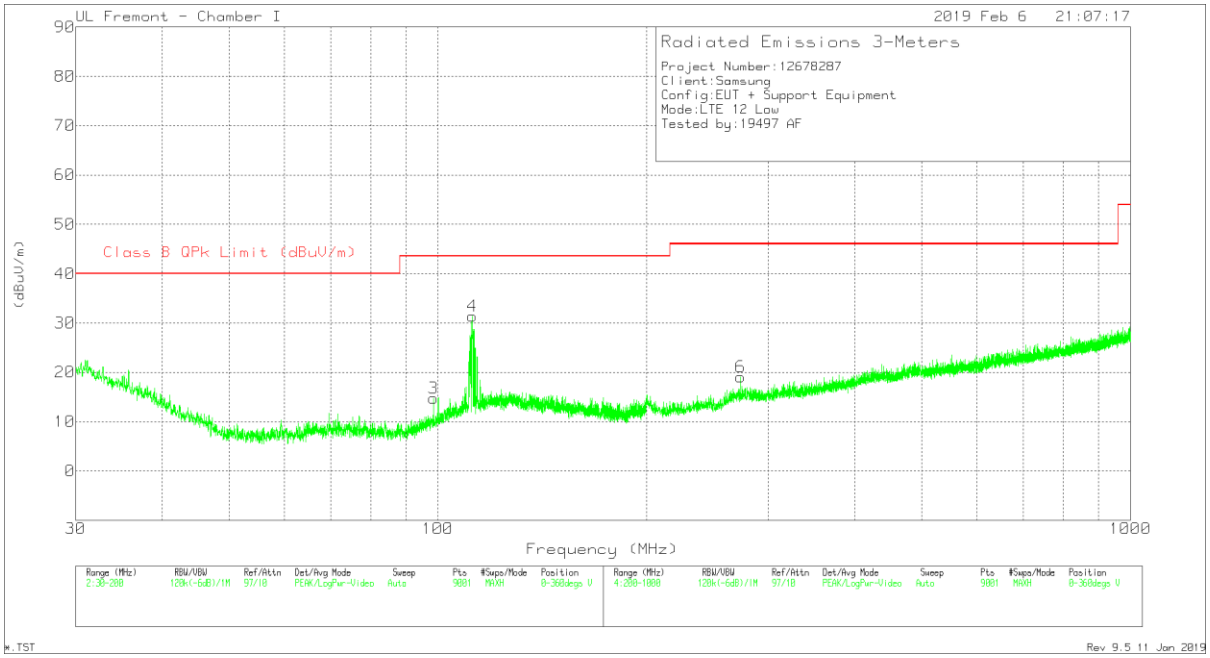
11.4. LTE Band 12

11.4.1. BELOW 1GHz

LOW CHANNEL(730.5MHz)



HORIZONTAL



VERTICAL

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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	75.9758	31.74	Pk	13.8	-30.9	14.64	40	-25.36	0-360	200	H
2	112.0538	36.42	Pk	18.8	-30.7	24.52	43.52	-19	0-360	299	H
3	98.5293	29.85	Pk	15.7	-30.8	14.75	43.52	-28.77	0-360	101	V
4	112.186	43.26	Pk	18.8	-30.7	31.36	43.52	-12.16	0-360	101	V
5	274.2223	26.7	Pk	19.3	-29.9	16.1	46.02	-29.92	0-360	200	H
6	273.7779	29.64	Pk	19.3	-29.9	19.04	46.02	-26.98	0-360	199	V

Pk - Peak detector

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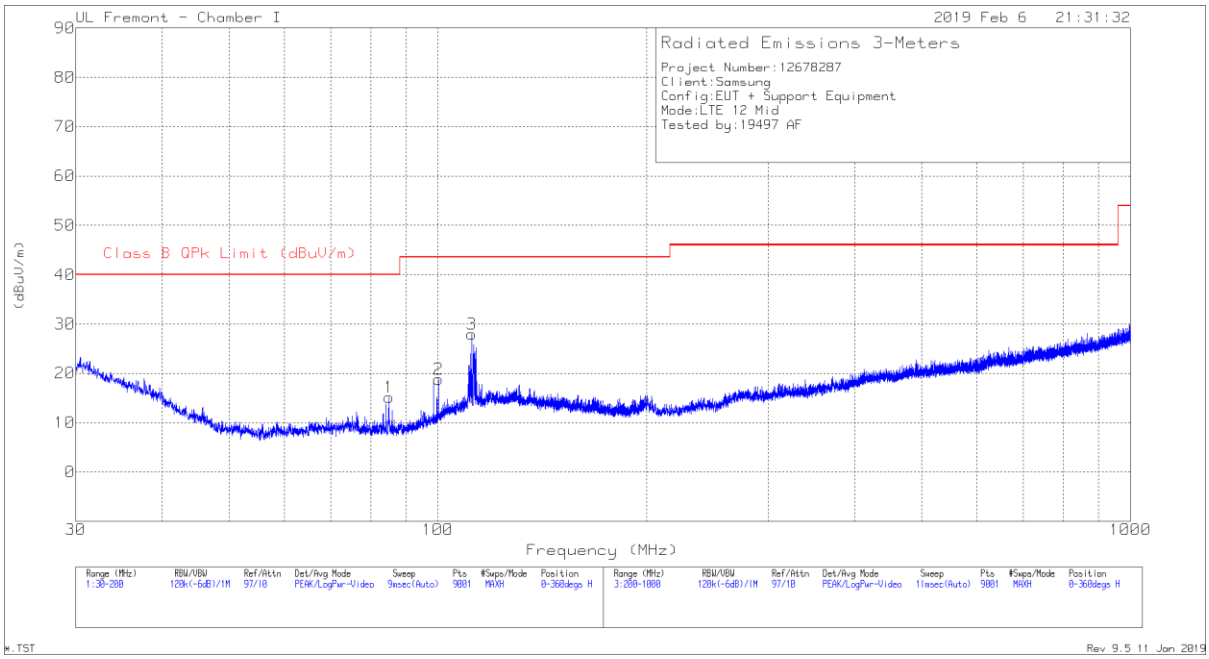
MID CHANNEL(737.5MHz)



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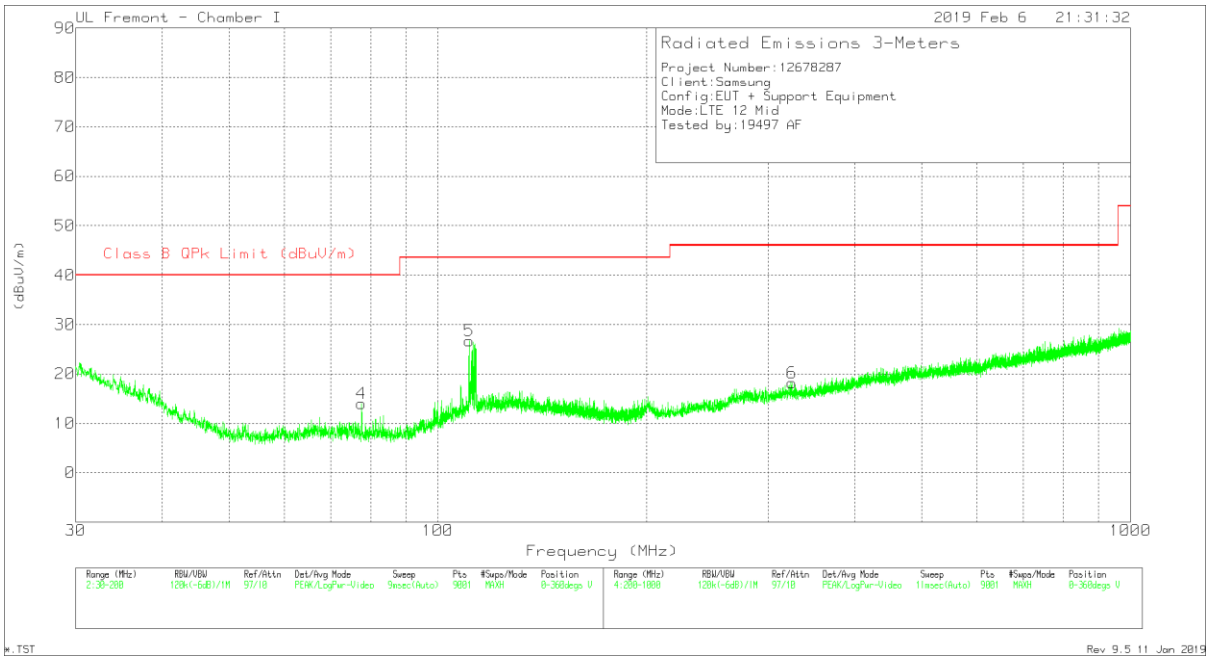

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RADIATED EMISSIONS

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	84.967	32.87	Pk	13.2	-30.9	15.17	40	-24.83	0-360	300	H
2	100.2104	33.4	Pk	16.1	-30.7	18.8	43.52	-24.72	0-360	300	H
3	111.8744	39.81	Pk	18.8	-30.7	27.91	43.52	-15.61	0-360	300	H
4	77.6003	31.27	Pk	13.6	-30.9	13.97	40	-26.03	0-360	101	V
5	110.996	38.74	Pk	18.6	-30.7	26.64	43.52	-16.88	0-360	101	V
6	324.2668	27.94	Pk	19.9	-29.7	18.14	46.02	-27.88	0-360	300	V

Pk - Peak detector

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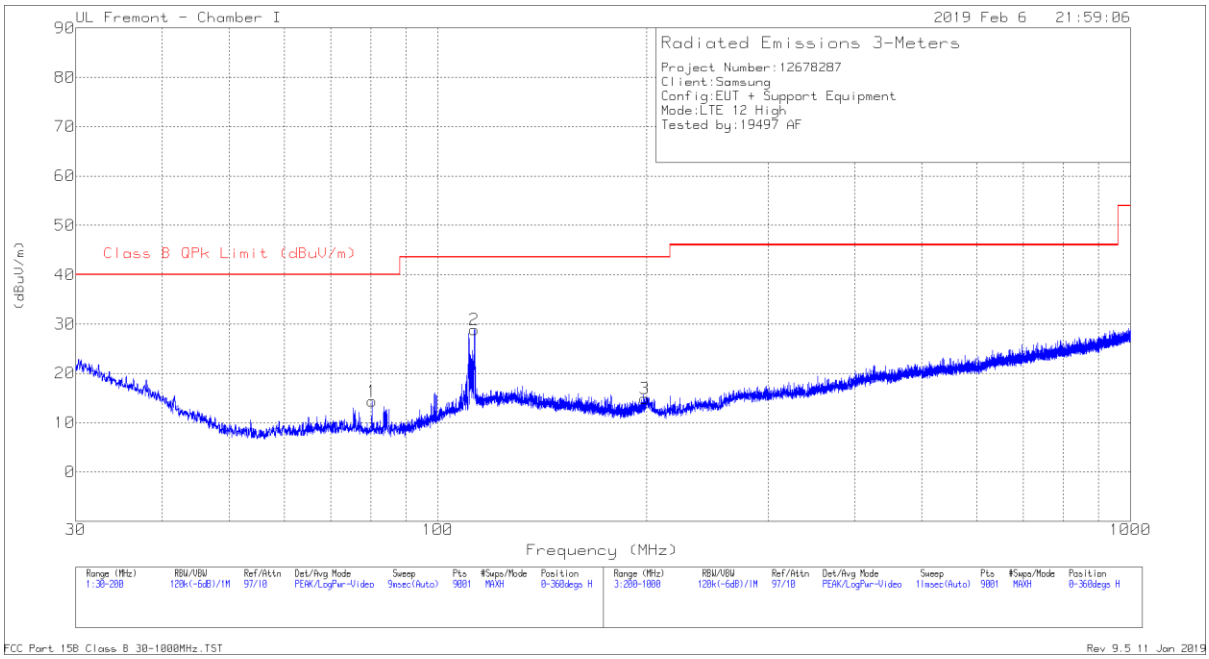
HIGH CHANNEL(744.5MHz)



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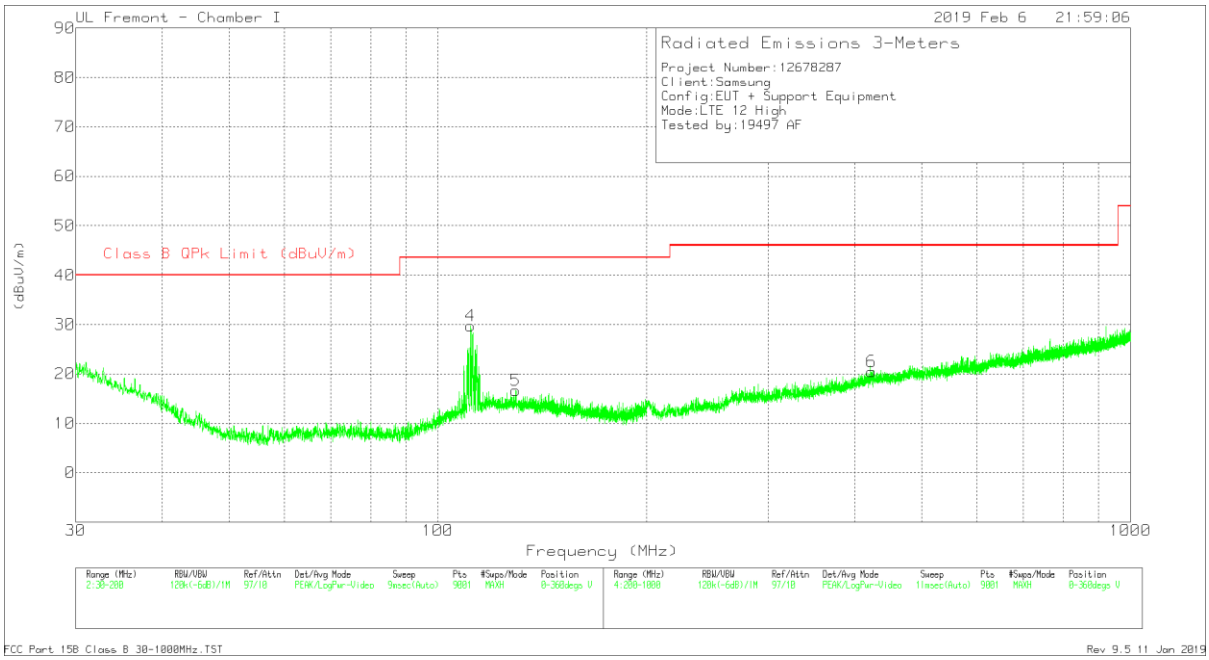

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RADIATED EMISSIONS

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	80.3203	31.74	Pk	13.5	-30.9	14.34	40	-25.66	0-360	300	H
2	112.9605	40.68	Pk	18.9	-30.7	28.88	43.52	-14.64	0-360	300	H
3	198.7354	26.95	Pk	18	-30.1	14.85	43.52	-28.67	0-360	101	H
4	111.5438	41.71	Pk	18.7	-30.7	29.71	43.52	-13.81	0-360	101	V
5	129.6206	27.8	Pk	19.5	-30.6	16.7	43.52	-26.82	0-360	101	V
6	422.5781	27.6	Pk	22.3	-29.4	20.5	46.02	-25.52	0-360	300	V

Pk - Peak detector

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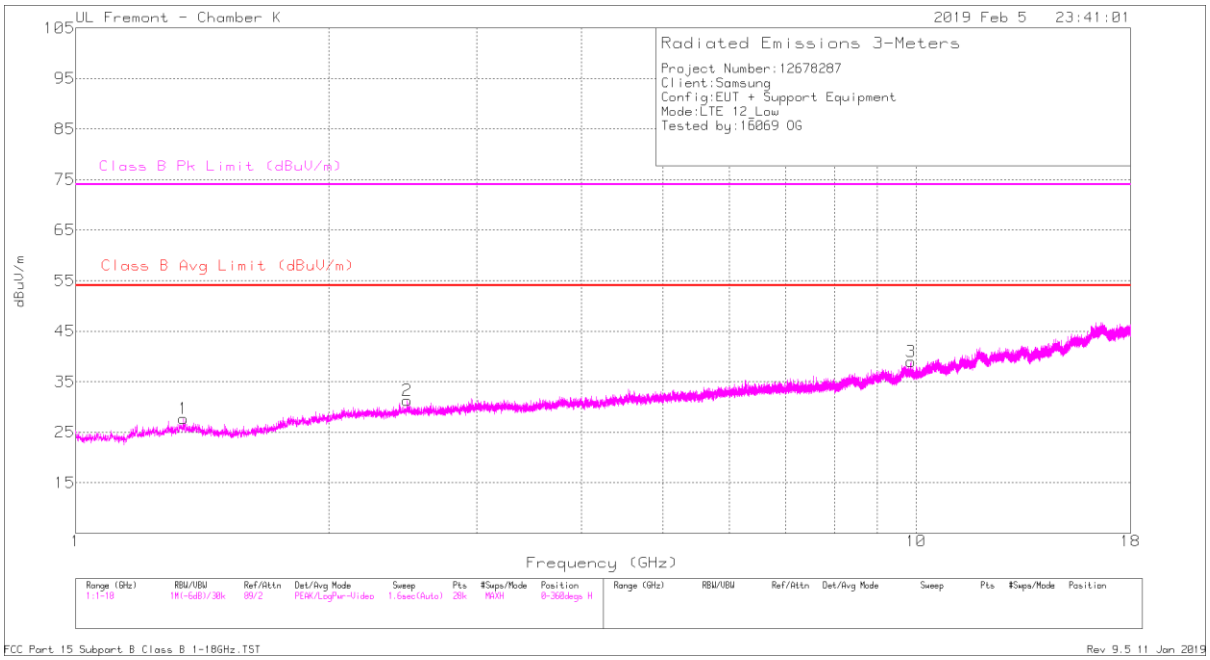
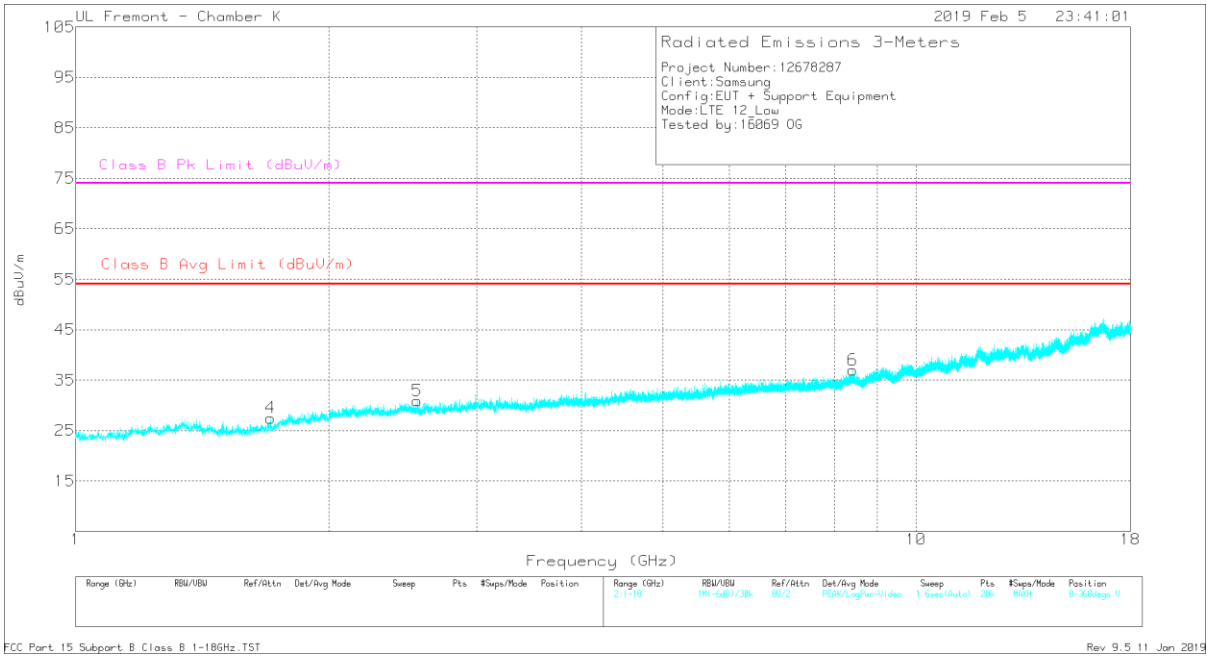
11.4.2. ABOVE 1GHz

LOW CHANNEL(730.5MHz)



HORIZONTAL



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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
1.344	32.81	Pk	29.4	-35.4	26.81			74	-47.19	83	178	H
1.343	20.22	Av	29.4	-35.4	14.22	54	-39.78	-	-	83	178	H
2.479	33.17	Pk	32.3	-35.4	30.07			74	-43.93	337	306	H
2.479	20.35	Av	32.3	-35.4	17.25	54	-36.75	-	-	337	306	H
9.875	24.33	Pk	37	-23.8	37.53			74	-36.47	171	225	H
9.874	11.99	Av	37	-23.8	25.19	54	-28.81	-	-	171	225	H
1.703	42.74	Pk	28.8	-35.5	36.04			74	-37.96	150	103	V
1.703	29.48	Av	28.8	-35.5	22.78	54	-31.22	-	-	150	103	V
2.551	42.59	Pk	32.3	-35.3	39.59			74	-34.41	87	337	V
2.55	29.42	Av	32.3	-35.3	26.42	54	-27.58	-	-	87	337	V
8.407	35.51	Pk	35.7	-25.3	45.91			74	-28.09	182	294	V
8.41	21.75	Av	35.7	-25.3	32.15	54	-21.85	-	-	182	294	V

Pk - Peak detector
Av - Average detection

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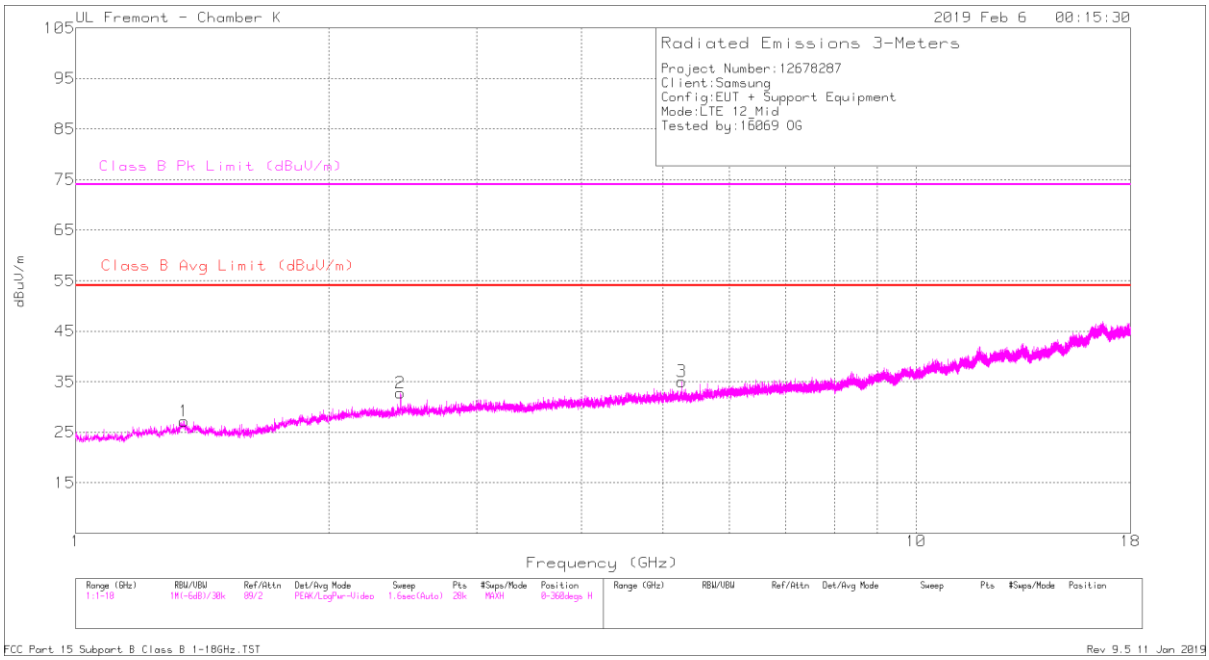
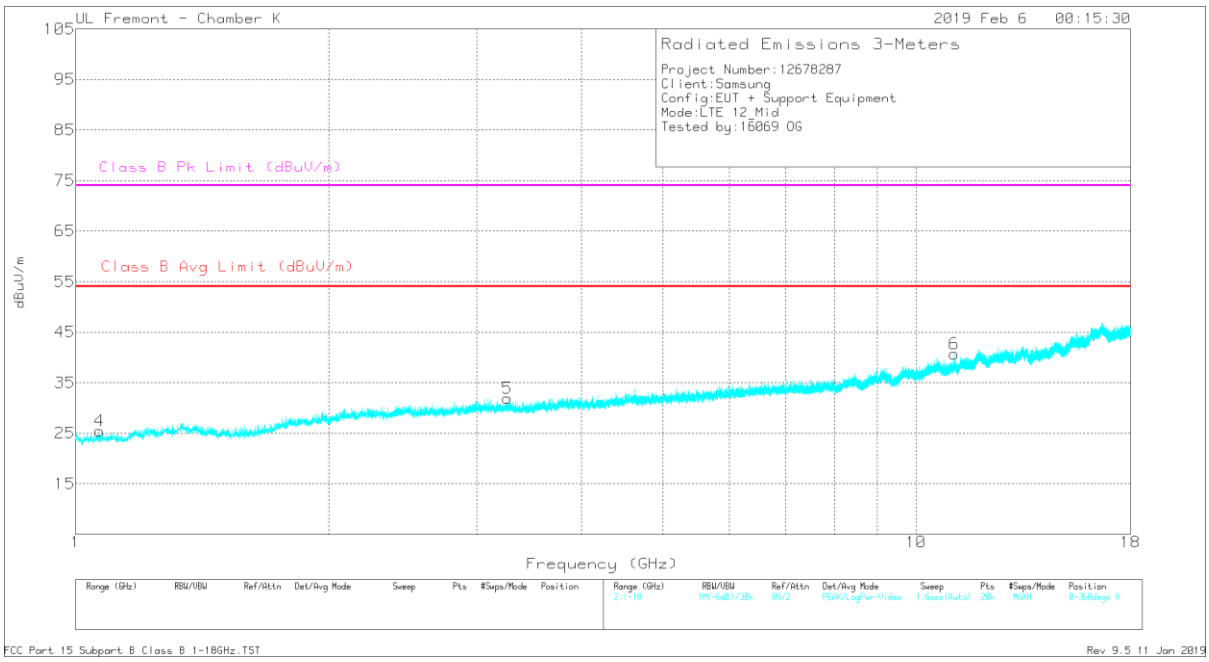
MID CHANNEL(737.5MHz)



HORIZONTAL



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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
1.347	32.53	Pk	29.4	-35.4	26.53			74	-47.47	90	157	H
1.347	20.12	Av	29.4	-35.4	14.12	54	-39.88	-	-	90	157	H
2.435	38.24	Pk	32.2	-35.3	35.14			74	-38.86	37	275	H
2.435	20.43	Av	32.2	-35.3	17.33	54	-36.67	-	-	37	275	H
5.26	29.75	Pk	34.4	-30.1	34.05			74	-39.95	217	211	H
5.26	15.9	Av	34.4	-30.1	20.2	54	-33.8	-	-	217	211	H
1.068	42.35	Pk	27.1	-35.2	34.25			74	-39.75	151	234	V
1.07	29.12	Av	27.1	-35.2	21.02	54	-32.98	-	-	151	234	V
3.266	40.84	Pk	32.9	-33.4	40.34			74	-33.66	343	141	V
3.266	27.7	Av	32.9	-33.4	27.2	54	-26.8	-	-	343	141	V
11.111	33.31	Pk	37.9	-21.8	49.41			74	-24.59	174	390	V
11.114	19.44	Av	37.9	-21.8	35.54	54	-18.46	-	-	174	390	V

Pk - Peak detector
Av - Average detection

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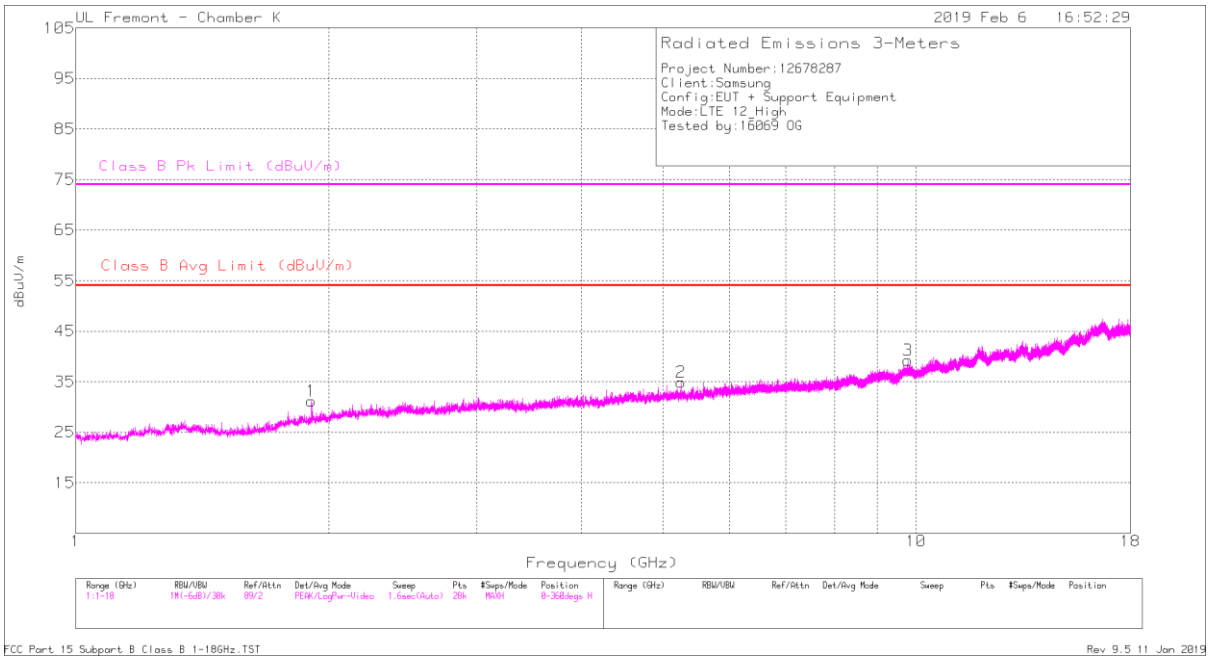
HIGH CHANNEL(744.5MHz)



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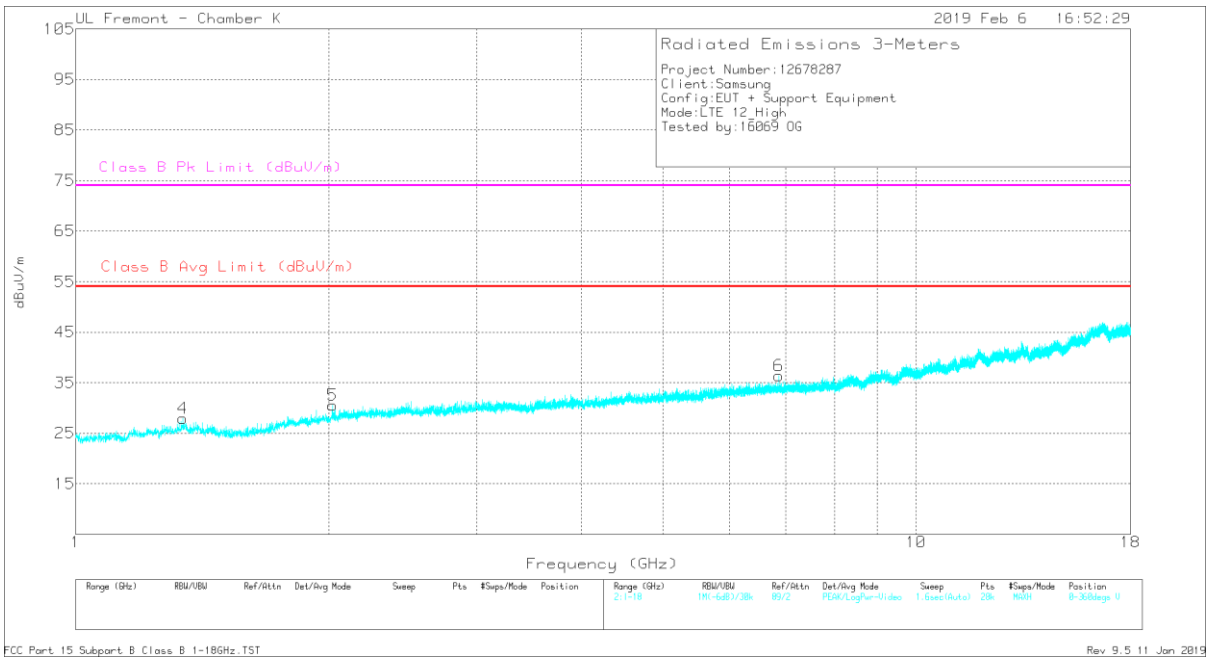

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RADIATED EMISSIONS

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
1.908	33.12	Pk	30.5	-35.4	28.22			74	-45.78	144	335	H
1.908	20.51	Av	30.5	-35.4	15.61	54	-38.39	-	-	144	335	H
5.249	29.55	Pk	34.4	-30.2	33.75			74	-40.25	41	309	H
5.249	16.07	Av	34.4	-30.2	20.27	54	-33.73	-	-	41	309	H
9.789	25.24	Pk	36.9	-24	38.14			74	-35.86	60	328	H
9.789	11.93	Av	36.9	-24	24.83	54	-29.17	-	-	60	328	H
1.341	43.41	Pk	29.3	-35.5	37.21			74	-36.79	44	308	V
1.341	29.6	Av	29.3	-35.5	23.4	54	-30.6	-	-	44	308	V
2.019	43.21	Pk	31.1	-35.3	39.01			74	-34.99	54	287	V
2.019	29.57	Av	31.1	-35.3	25.37	54	-28.63	-	-	54	287	V
6.872	35.98	Pk	35.5	-27.3	44.18			74	-29.82	98	369	V
6.871	22.82	Av	35.5	-27.3	31.02	54	-22.98	-	-	98	369	V

Pk - Peak detector
Av - Average detection

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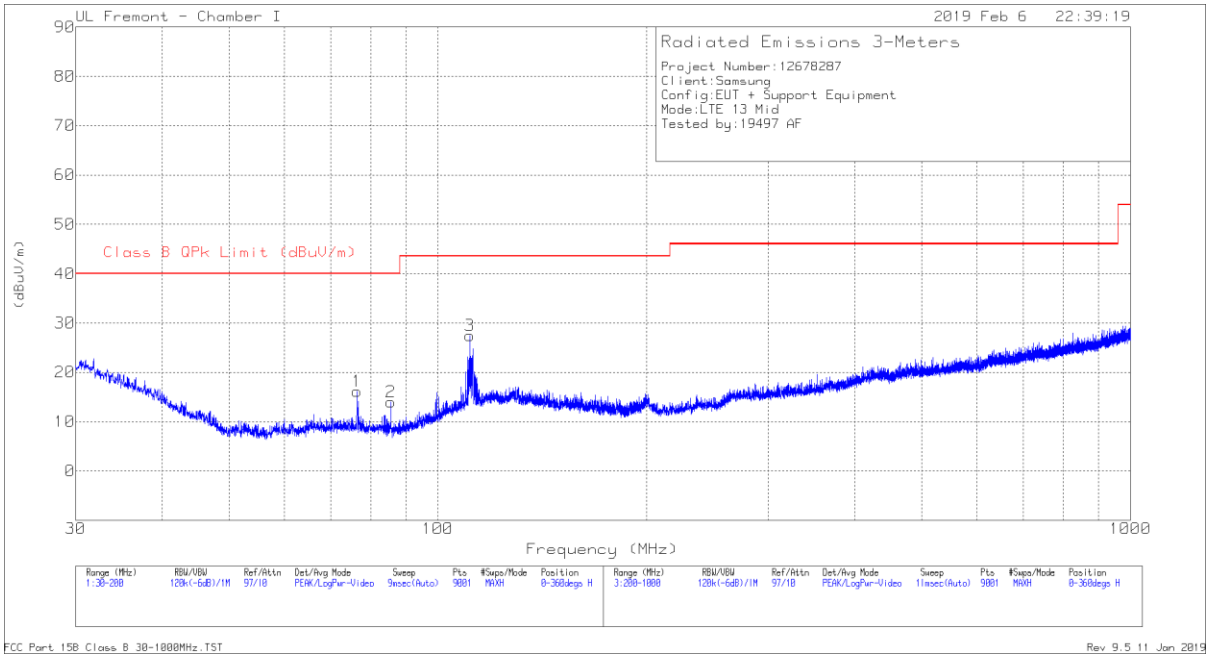
11.5. LTE Band 13

11.5.1. BELOW 1GHz

MID CHANNEL(751MHz)



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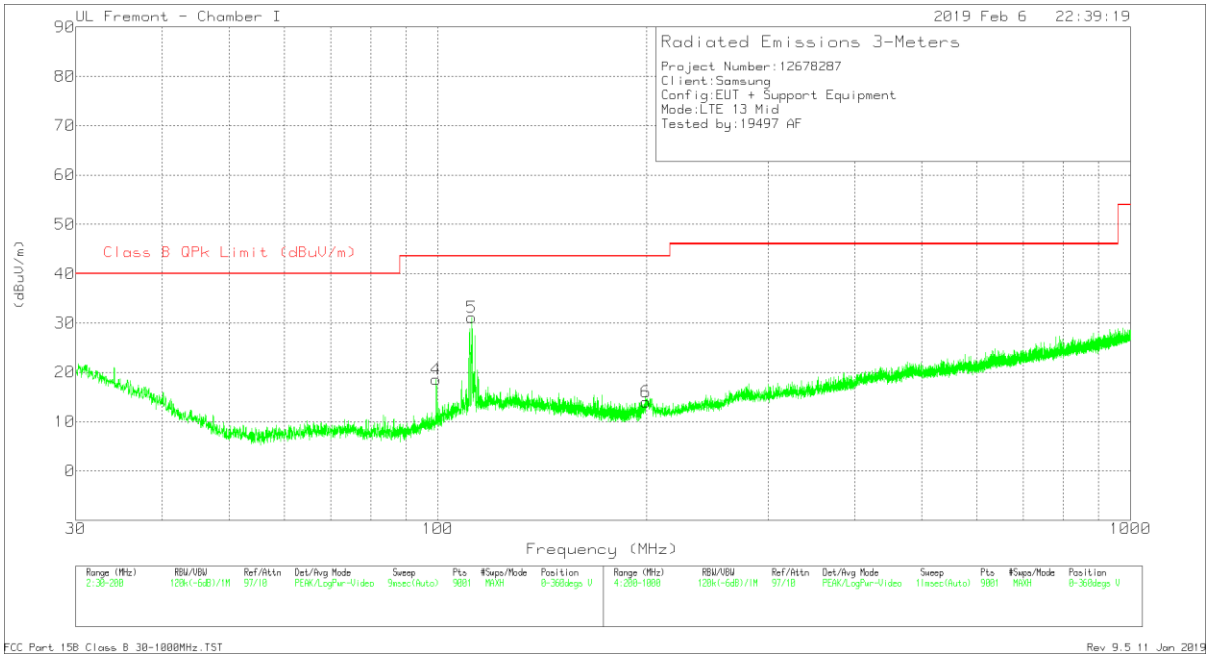

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RADIATED EMISSIONS

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	76.4669	33.31	Pk	13.8	-30.9	16.21	40	-23.79	0-360	199	H
2	85.5148	31.69	Pk	13.2	-30.9	13.99	40	-26.01	0-360	199	H
3	111.2038	39.5	Pk	18.6	-30.7	27.4	43.52	-16.12	0-360	299	H
4	99.4549	33.42	Pk	15.9	-30.7	18.62	43.52	-24.9	0-360	101	V
5	111.9027	43.03	Pk	18.8	-30.7	31.13	43.52	-12.39	0-360	101	V
6	199.831	25.95	Pk	18.2	-30.1	14.05	43.52	-29.47	0-360	101	V

Pk - Peak detector

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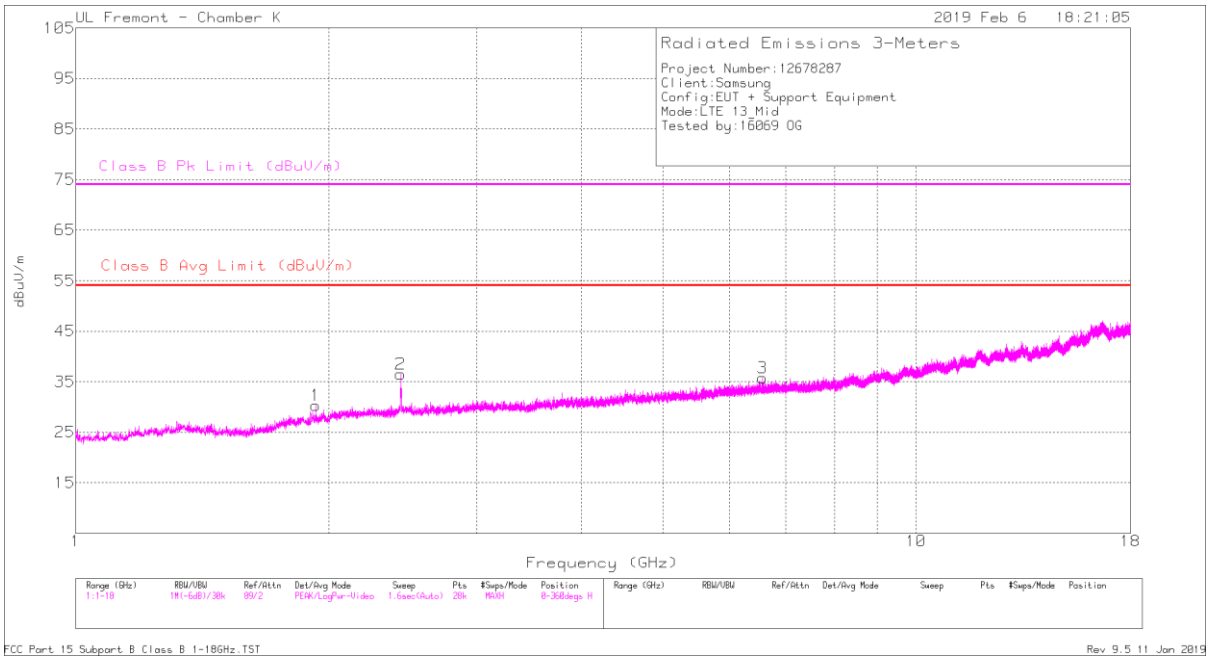
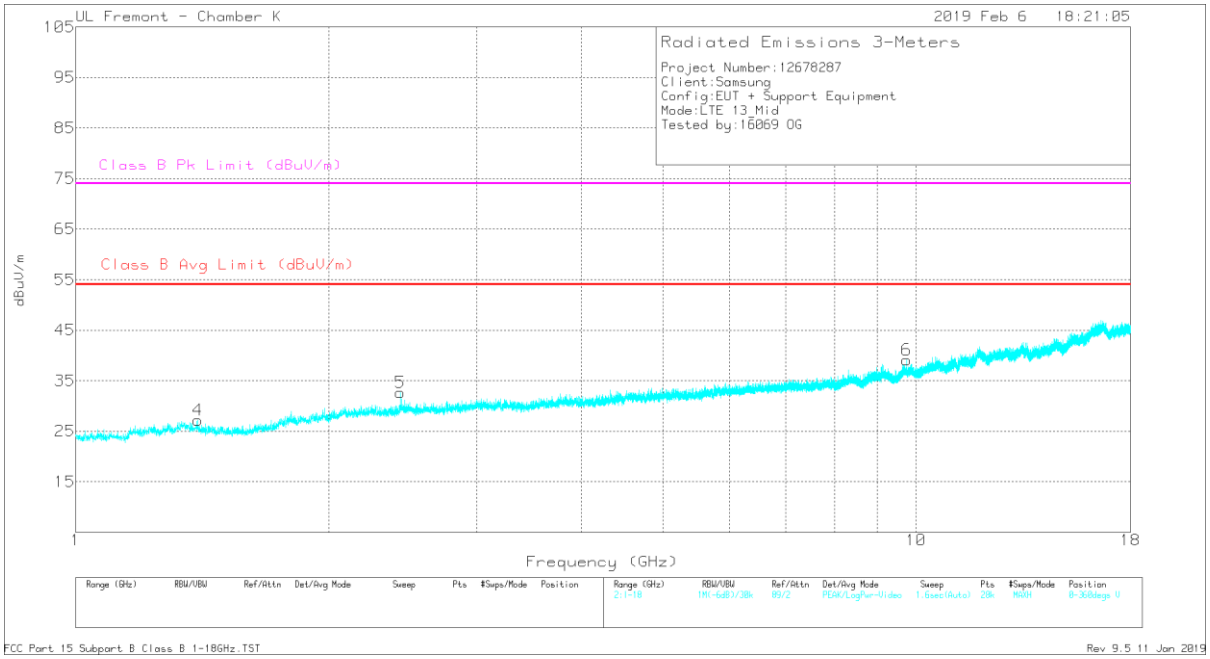
11.5.2. ABOVE 1GHz

MID CHANNEL(751MHz)



HORIZONTAL



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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
1.931	36.06	Pk	30.7	-35.4	31.36			74	-42.64	270	221	H
1.931	22.04	Av	30.7	-35.4	17.34	54	-36.66	-	-	270	221	H
2.436	43.15	Pk	32.2	-35.3	40.05			74	-33.95	12	321	H
2.435	21.39	Av	32.2	-35.3	18.29	54	-35.71	-	-	12	321	H
6.571	26.38	Pk	35.4	-27.5	34.28			74	-39.72	224	239	H
6.57	13.57	Av	35.4	-27.5	21.47	54	-32.53	-	-	224	239	H
1.397	42.46	Pk	28.9	-35.5	35.86			74	-38.14	350	344	V
1.398	29.44	Av	28.9	-35.5	22.84	54	-31.16	-	-	350	344	V
2.436	46.03	Pk	32.2	-35.3	42.93			74	-31.07	278	150	V
2.432	28.06	Av	32.1	-35.3	24.86	54	-29.14	-	-	278	150	V
9.75	34.78	Pk	36.9	-24	47.68			74	-26.32	87	367	V
9.75	20.92	Av	36.9	-24	33.82	54	-20.18	-	-	87	367	V

Pk - Peak detector
Av - Average detection

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