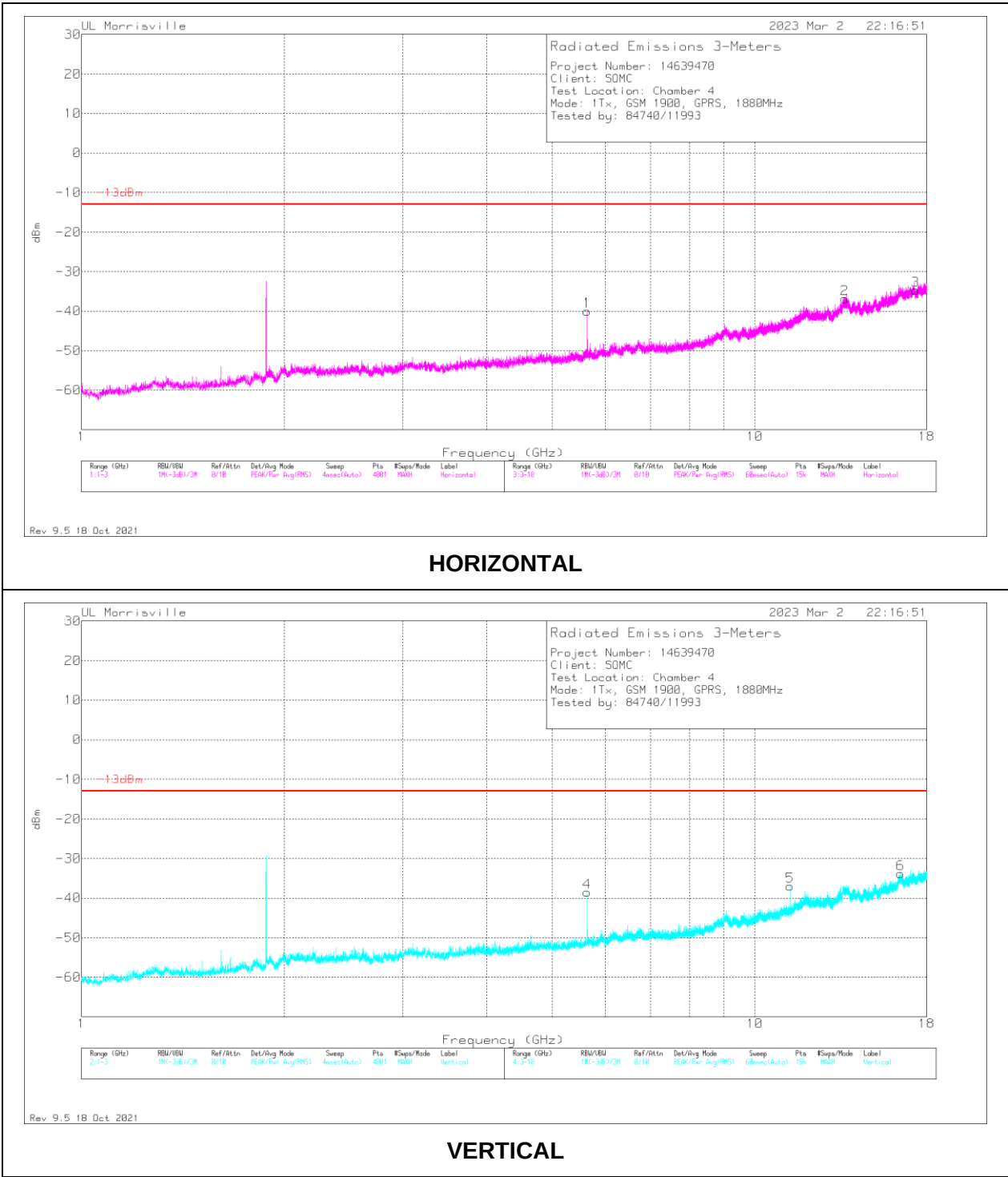


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.55	-54.5	Pk	34.7	-31.7	11.8	0	-39.7	-13	-26.7	0-360	100	H
2	13.554	-64.96	Pk	38.7	-22.3	11.8	0	-36.76	-13	-23.76	0-360	100	H
3	16.498	-66.01	Pk	40.9	-19.7	11.8	0	-33.01	-13	-20.01	0-360	200	H
4	5.551	-55.95	Pk	34.7	-31.7	11.8	0	-41.15	-13	-28.15	0-360	200	V
5	13.599	-64.48	Pk	38.7	-22.3	11.8	0	-36.28	-13	-23.28	0-360	300	V
6	16.474	-66.91	Pk	40.9	-19.9	11.8	0	-34.11	-13	-21.11	0-360	300	V

Pk - Peak detector

GPRS MID CHANNEL

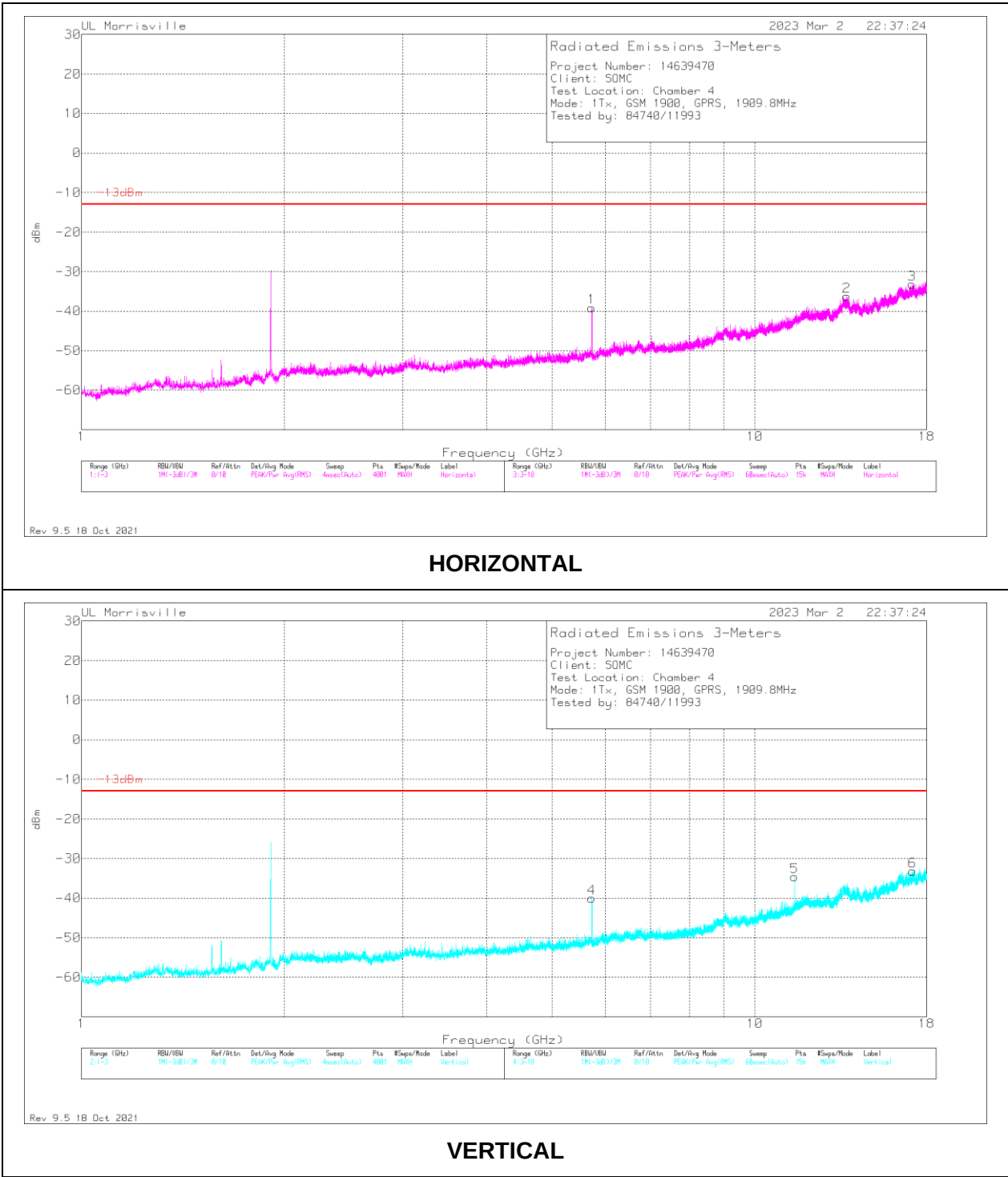


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.64	-56.37	Pk	34.8	-30.2	11.8	0	-39.97	-13	-26.97	0-360	100	H
2	13.608	-64.88	Pk	38.7	-22.5	11.8	0	-36.88	-13	-23.88	0-360	100	H
3	17.323	-67.78	Pk	40.8	-19.5	11.8	0	-34.68	-13	-21.68	0-360	200	H
4	5.639	-54.88	Pk	34.8	-30.2	11.8	0	-38.48	-13	-25.48	0-360	300	V
5	11.28	-62.4	Pk	37.9	-24.3	11.8	0	-37	-13	-24	0-360	200	V
6	16.46	-66.26	Pk	40.9	-20.3	11.8	0	-33.86	-13	-20.86	0-360	300	V

Pk - Peak detector

GPRS HIGH CHANNEL

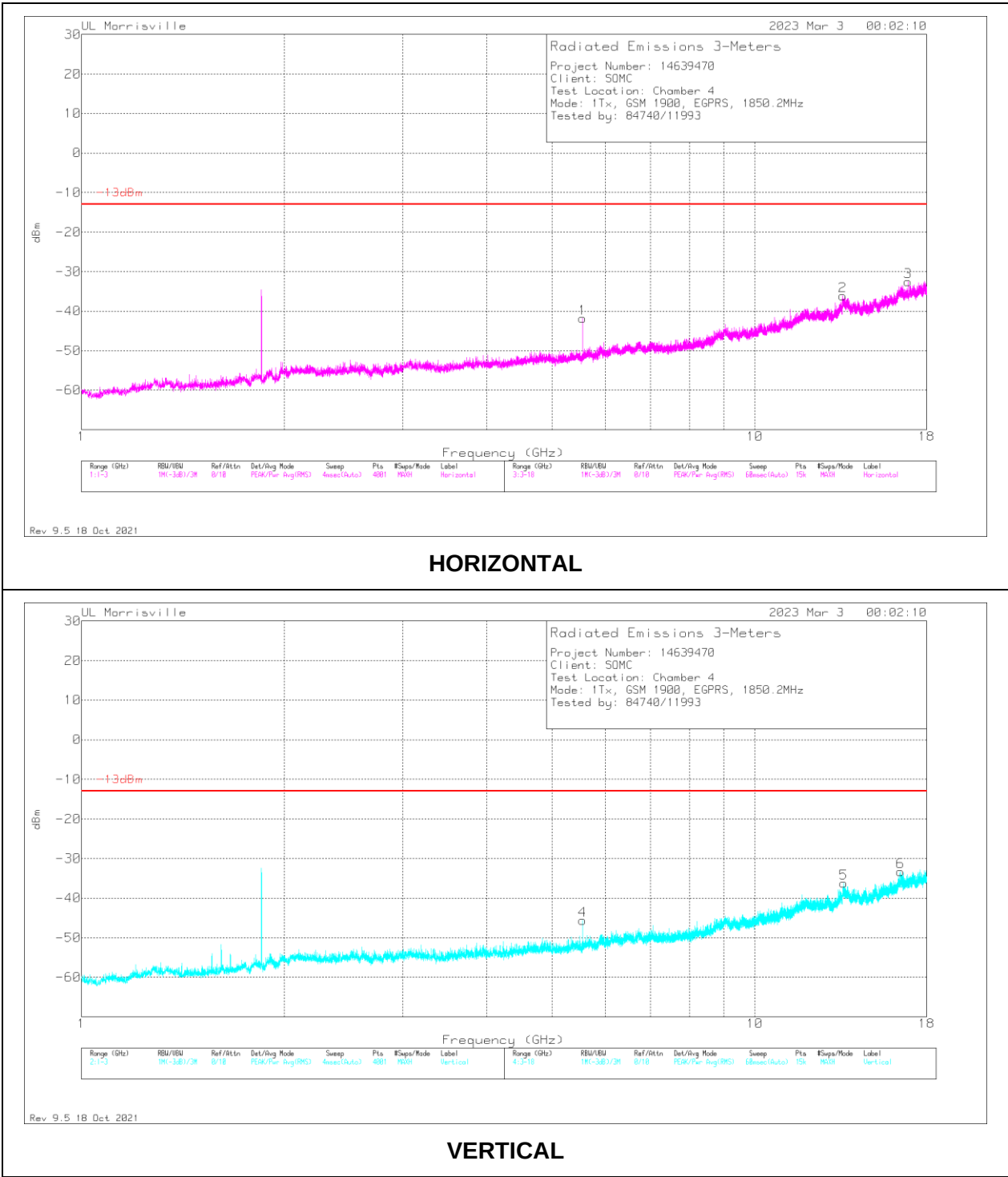


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.729	-55.78	Pk	34.8	-29.9	11.8	0	-39.08	-13	-26.08	0-360	100	H
2	13.696	-65.02	Pk	38.7	-21.7	11.8	0	-36.22	-13	-23.22	0-360	100	H
3	17.117	-66.72	Pk	41.1	-19.4	11.8	0	-33.22	-13	-20.22	0-360	100	H
4	5.729	-56.79	Pk	34.8	-29.9	11.8	0	-40.09	-13	-27.09	0-360	300	V
5	11.459	-60.83	Pk	38.1	-23.6	11.8	0	-34.53	-13	-21.53	0-360	200	V
6	17.168	-66.74	Pk	41	-19.2	11.8	0	-33.14	-13	-20.14	0-360	300	V

Pk - Peak detector

EGPRS LOW CHANNEL

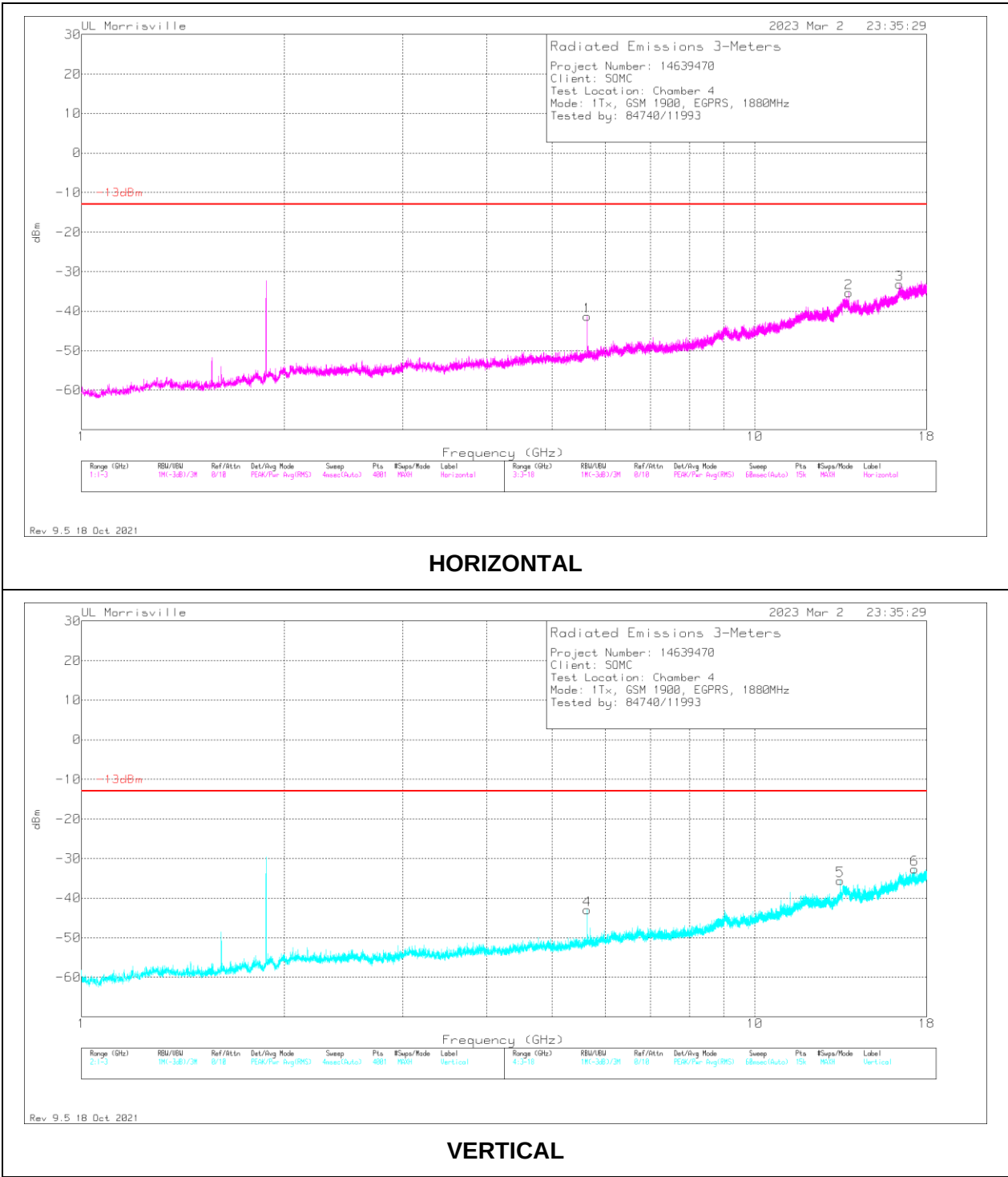


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.5505	-56.6	Pk	34.7	-31.7	11.8	0	-41.8	-13	-28.8	0-360	100	H
2	13.52	-64.89	Pk	38.8	-21.8	11.8	0	-36.09	-13	-23.09	0-360	200	H
3	16.883	-65.95	Pk	41.4	-19.8	11.8	0	-32.55	-13	-19.55	0-360	200	H
4	5.55	-60.47	Pk	34.7	-31.7	11.8	0	-45.67	-13	-32.67	0-360	300	V
5	13.552	-64.42	Pk	38.7	-22.3	11.8	0	-36.22	-13	-23.22	0-360	300	V
6	16.456	-65.85	Pk	40.9	-20.2	11.8	0	-33.35	-13	-20.35	0-360	300	V

Pk - Peak detector

EGPRS MID CHANNEL

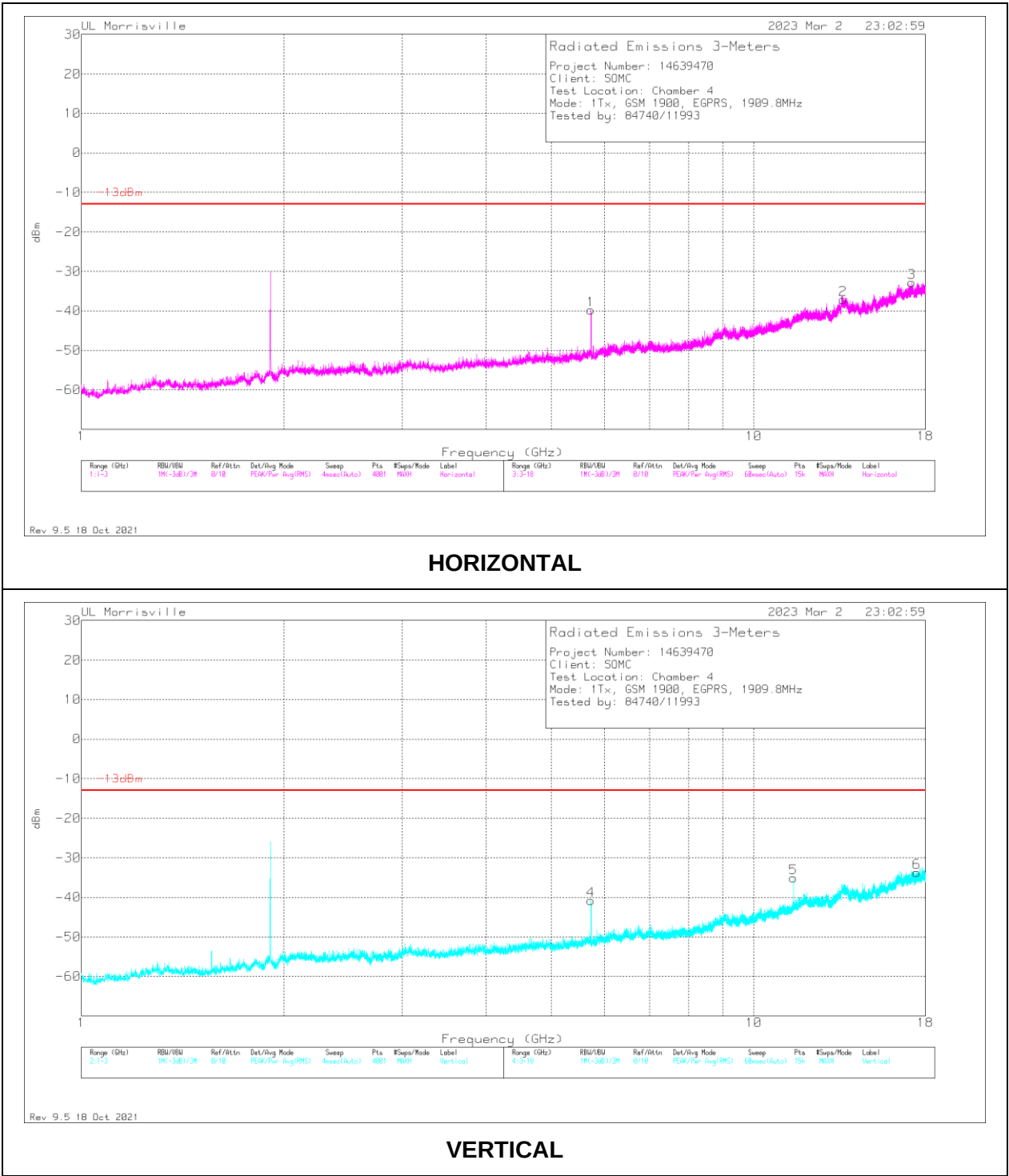


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.64	-57.75	Pk	34.8	-30.2	11.8	0	-41.35	-13	-28.35	0-360	100	H
2	13.786	-64.74	Pk	38.7	-21.1	11.8	0	-35.34	-13	-22.34	0-360	100	H
3	16.394	-65.44	Pk	40.8	-20.3	11.8	0	-33.14	-13	-20.14	0-360	100	H
4	5.64	-59.39	Pk	34.8	-30.2	11.8	0	-42.99	-13	-29.99	0-360	300	V
5	13.398	-64.53	Pk	38.9	-21.7	11.8	0	-35.53	-13	-22.53	0-360	200	V
6	17.281	-65.97	Pk	40.8	-19.3	11.8	0	-32.67	-13	-19.67	0-360	300	V

Pk - Peak detector

EGPRS HIGH CHANNEL



RADIATED EMISSIONS

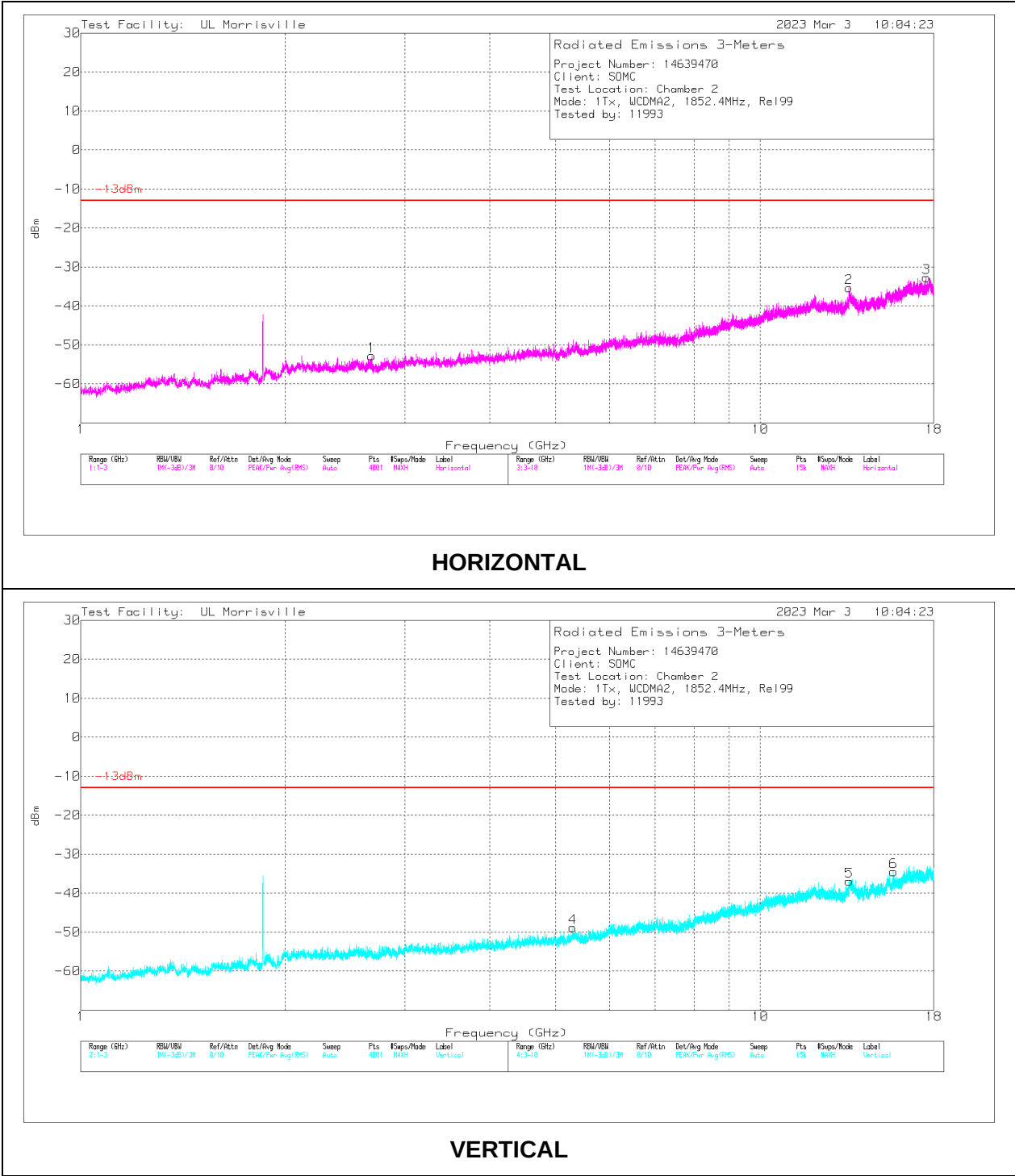
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.729	-56.46	Pk	34.8	-29.9	11.8	0	-39.76	-13	-26.76	0-360	100	H
2	13.573	-65.32	Pk	38.7	-22.3	11.8	0	-37.12	-13	-24.12	0-360	200	H
3	17.177	-66.35	Pk	40.9	-19.2	11.8	0	-32.85	-13	-19.85	0-360	200	H
4	5.729	-57.46	Pk	34.8	-29.9	11.8	0	-40.76	-13	-27.76	0-360	300	V
5	11.46	-61.37	Pk	38.1	-23.6	11.8	0	-35.07	-13	-22.07	0-360	200	V
6	17.483	-67.12	Pk	40.7	-19.1	11.8	0	-33.72	-13	-20.72	0-360	300	V

Pk - Peak detector

11.1.3. WCDMA2

Test Engineer ID:	11993	Test Date:	2023-03-03	Sample Used:	QV7700HTFR
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REL 99 LOW CHANNEL

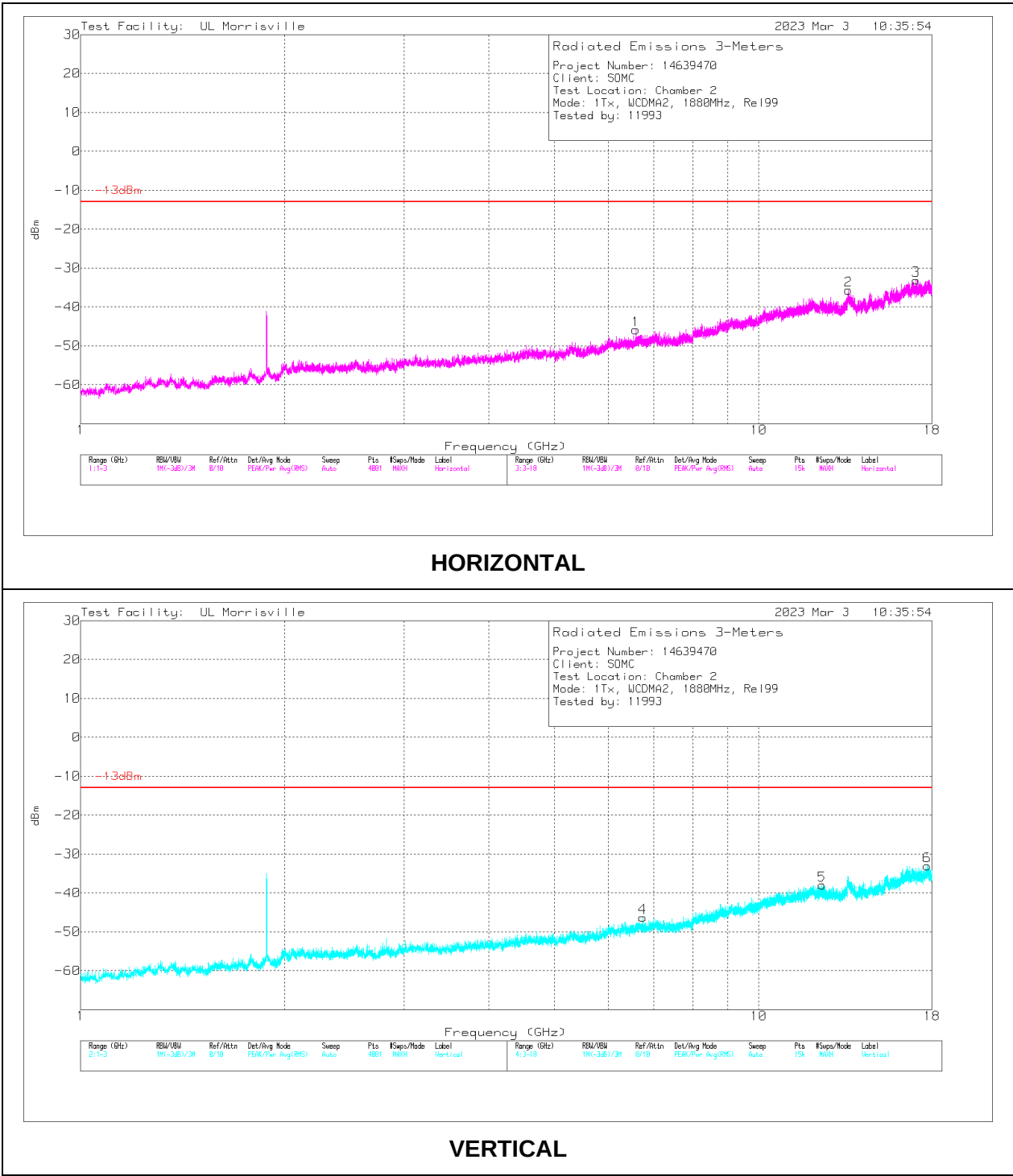


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.679	-63.24	Pk	31.9	-33.7	11.8	.4	-52.84	-13	-39.84	0-360	101	H
4	5.296	-66.29	Pk	34.5	-28.9	11.8	0	-48.89	-13	-35.89	0-360	200	V
2	13.503	-62.06	Pk	38.8	-23.9	11.8	0	-35.36	-13	-22.36	0-360	101	H
5	13.519	-63.35	Pk	38.8	-24.2	11.8	0	-36.95	-13	-23.95	0-360	200	V
6	15.696	-64.63	Pk	40.4	-22.1	11.8	0	-34.53	-13	-21.53	0-360	300	V
3	17.55	-64.11	Pk	41.2	-21.6	11.8	0	-32.71	-13	-19.71	0-360	300	H

Pk - Peak detector

REL 99 MID CHANNEL



Test Facility: UL Morrisville

2023 Mar 3 10:35:54

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SOMC

Test Location: Chamber 2

Mode: 1Tx, WCDMA2, 1880MHz, Re199

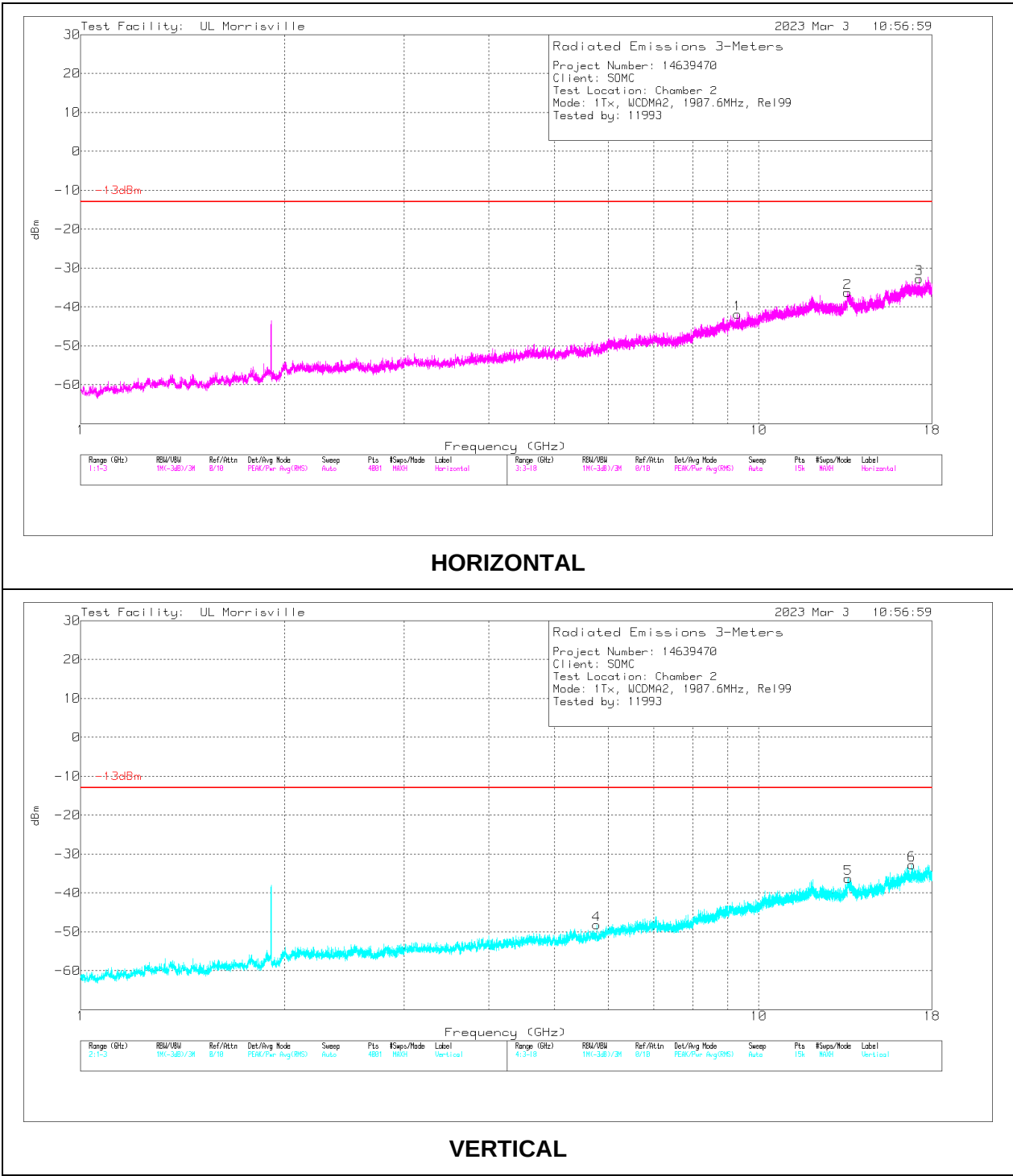
Tested by: 11993

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.584	-65.38	Pk	35.5	-27.8	11.8	0	-45.88	-13	-32.88	0-360	299	H
4	6.741	-65.75	Pk	35.6	-28	11.8	0	-46.35	-13	-33.35	0-360	101	V
5	12.393	-65.02	Pk	38.8	-23.6	11.8	0	-38.02	-13	-25.02	0-360	200	V
2	13.551	-62.3	Pk	38.8	-24	11.8	0	-35.7	-13	-22.7	0-360	101	H
3	17.054	-65.27	Pk	41.6	-21.3	11.8	0	-33.17	-13	-20.17	0-360	101	H
6	17.704	-64.79	Pk	41.2	-21.3	11.8	0	-33.09	-13	-20.09	0-360	200	V

Pk - Peak detector

REL 99 HIGH CHANNEL

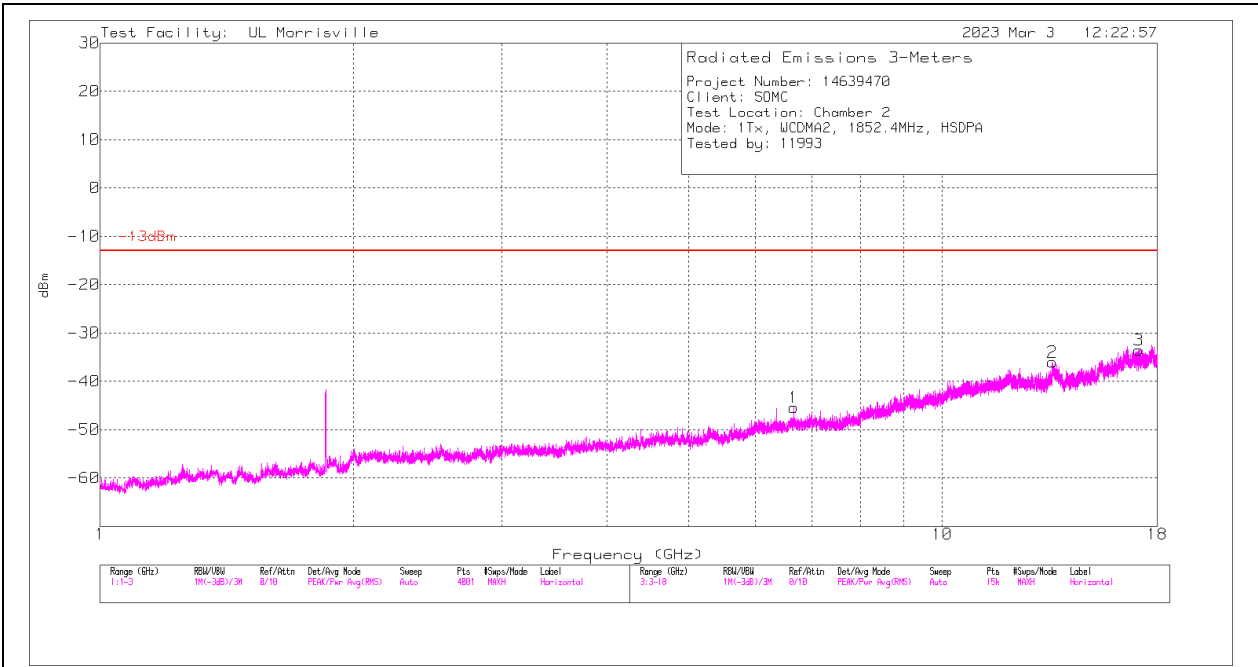


RADIATED EMISSIONS

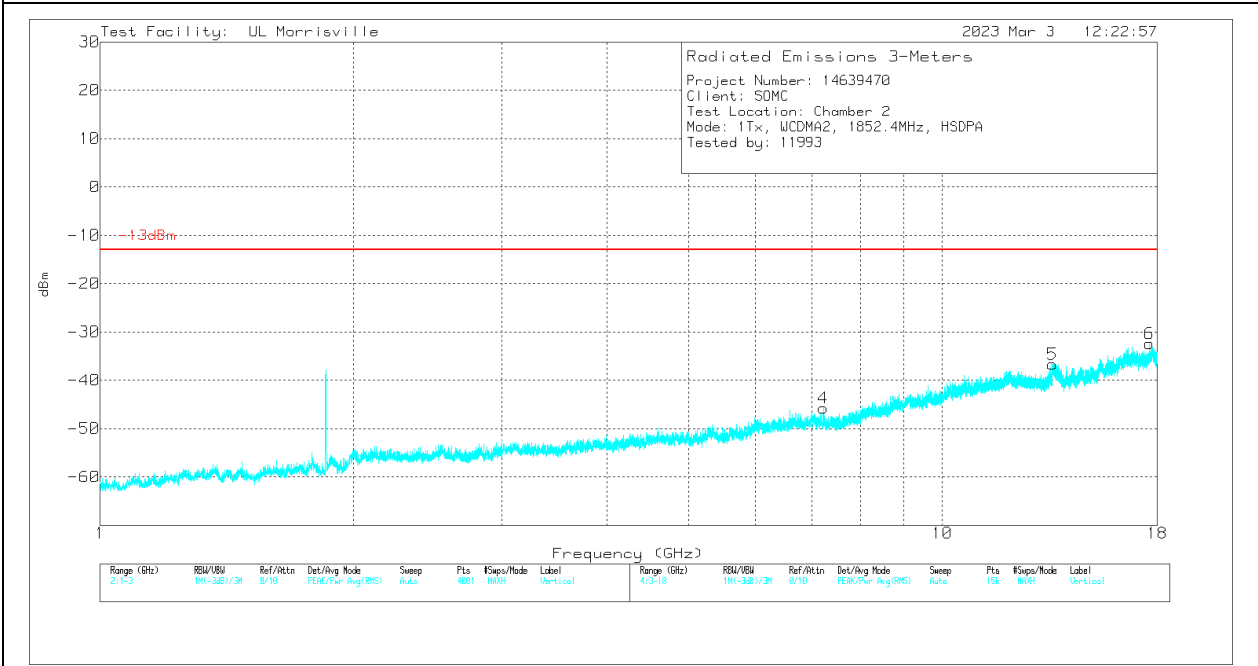
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.767	-64.73	Pk	34.6	-29.9	11.8	0	-48.23	-13	-35.23	0-360	200	V
1	9.297	-64.16	Pk	36.4	-25.9	11.8	0	-41.86	-13	-28.86	0-360	101	H
2	13.511	-62.79	Pk	38.8	-24.1	11.8	0	-36.29	-13	-23.29	0-360	300	H
5	13.541	-62.61	Pk	38.8	-24.3	11.8	0	-36.31	-13	-23.31	0-360	101	V
6	16.807	-64.64	Pk	41.8	-21.8	11.8	0	-32.84	-13	-19.84	0-360	300	V
3	17.236	-63.68	Pk	41.2	-22.1	11.8	0	-32.78	-13	-19.78	0-360	300	H

Pk - Peak detector

HSDPA LOW CHANNEL



HORIZONTAL



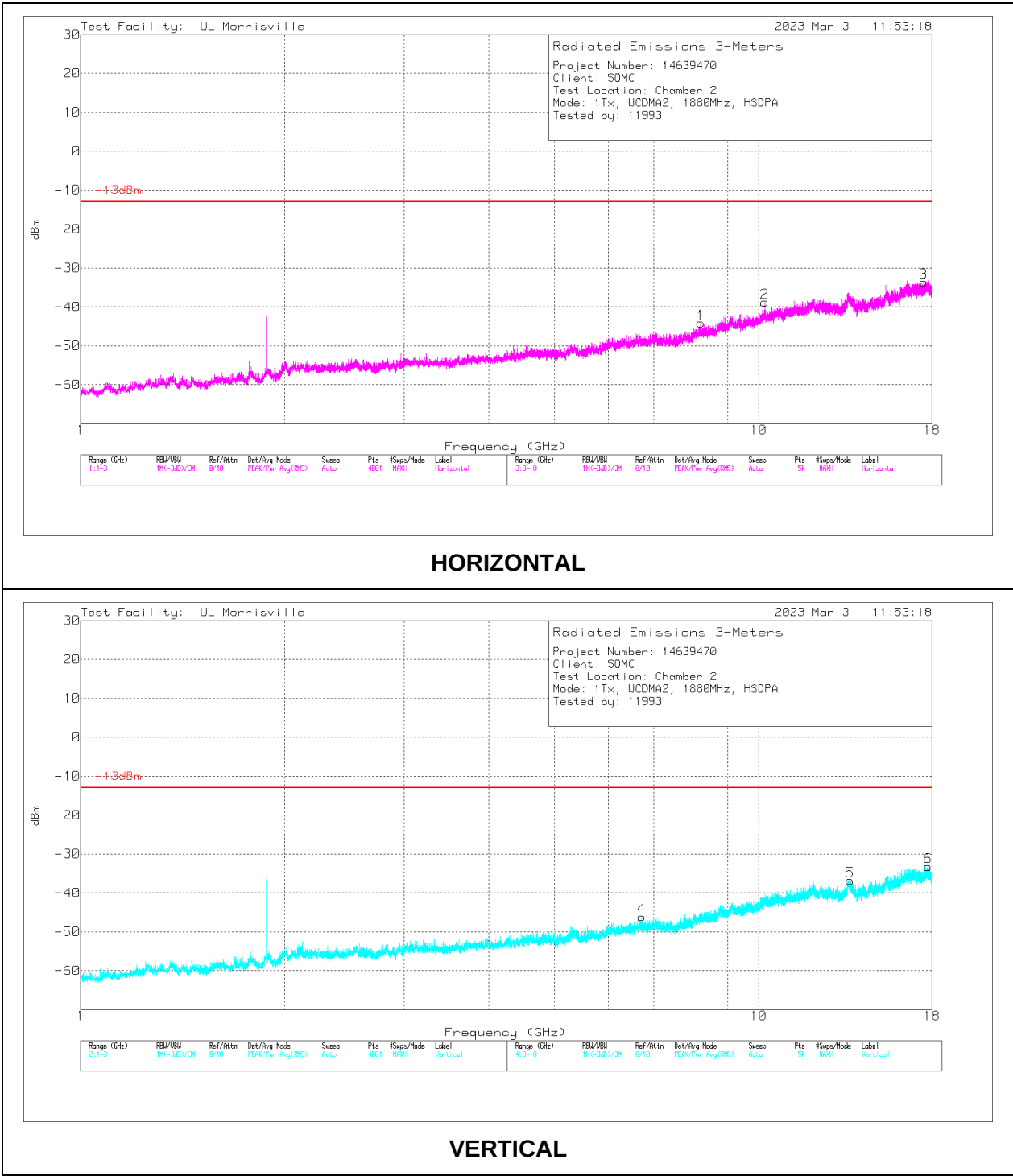
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.66	-65.63	Pk	35.6	-27.2	11.8	0	-45.43	-13	-32.43	0-360	299	H
4	7.22	-65.68	Pk	35.6	-27.5	11.8	0	-45.78	-13	-32.78	0-360	300	V
2	13.504	-62.78	Pk	38.8	-23.9	11.8	0	-36.08	-13	-23.08	0-360	101	H
5	13.508	-63.33	Pk	38.8	-24	11.8	0	-36.73	-13	-23.73	0-360	300	V
3	17.111	-64.78	Pk	41.4	-22	11.8	0	-33.58	-13	-20.58	0-360	200	H
6	17.606	-64.71	Pk	41.2	-20.7	11.8	0	-32.41	-13	-19.41	0-360	101	V

Pk - Peak detector

HSDPA MID CHANNEL

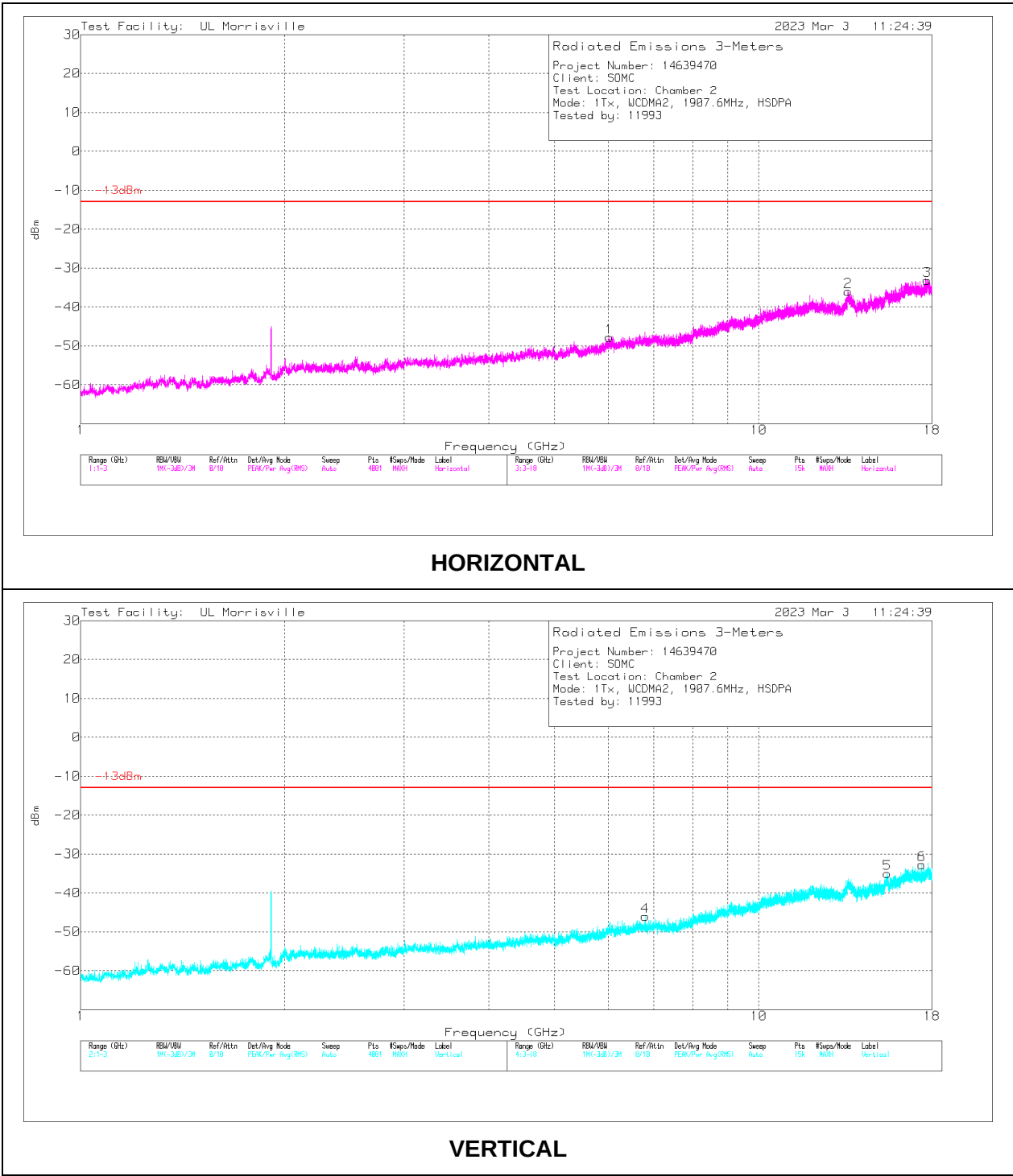


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	6.718	-65.58	Pk	35.6	-28	11.8	0	-46.18	-13	-33.18	0-360	101	V
1	8.211	-64.61	Pk	35.7	-27.1	11.8	0	-44.21	-13	-31.21	0-360	299	H
2	10.2	-63.66	Pk	37.3	-24.3	11.8	0	-38.86	-13	-25.86	0-360	101	H
5	13.628	-62.6	Pk	38.7	-24.8	11.8	0	-36.9	-13	-23.9	0-360	101	V
3	17.498	-65.16	Pk	41.1	-21.4	11.8	0	-33.66	-13	-20.66	0-360	299	H
6	17.767	-65.55	Pk	41.2	-20.7	11.8	0	-33.25	-13	-20.25	0-360	299	V

Pk - Peak detector

HSDPA HIGH CHANNEL



Test Facility: UL Morrisville

2023 Mar 3 11:24:39

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SOMC

Test Location: Chamber 2

Mode: 1Tx, WCDMA2, 1987.6MHz, HSDPA

Tested by: 11993

RADIATED EMISSIONS

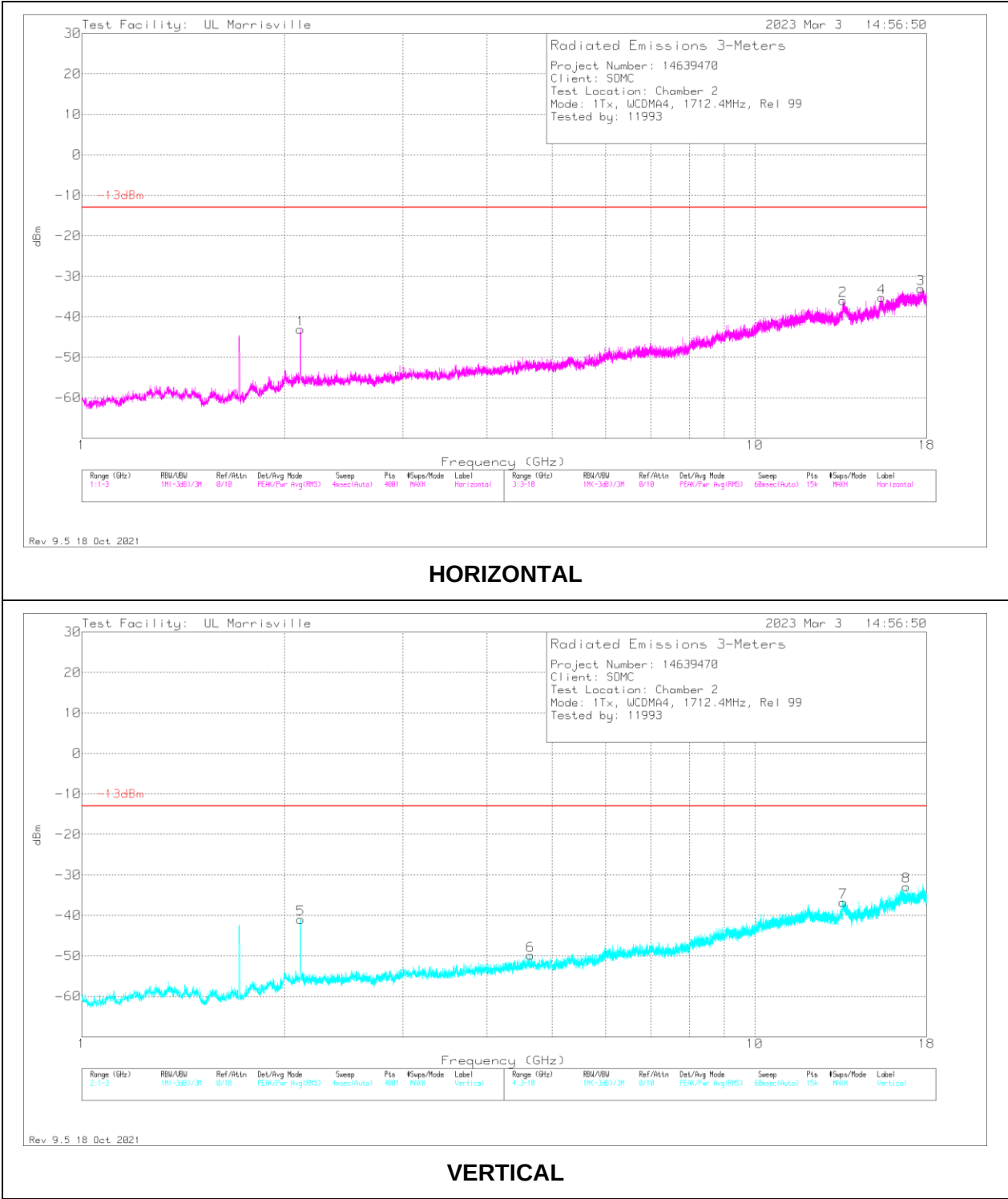
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.014	-67.17	Pk	35.1	-27.6	11.8	0	-47.87	-13	-34.87	0-360	200	H
4	6.801	-65.35	Pk	35.6	-28.1	11.8	0	-46.05	-13	-33.05	0-360	101	V
2	13.537	-62.27	Pk	38.8	-24.4	11.8	0	-36.07	-13	-23.07	0-360	200	H
5	15.469	-65.44	Pk	40.2	-21.6	11.8	0	-35.04	-13	-22.04	0-360	300	V
6	17.386	-63.56	Pk	41.1	-22.1	11.8	0	-32.76	-13	-19.76	0-360	300	V
3	17.714	-64.89	Pk	41.2	-21.3	11.8	0	-33.19	-13	-20.19	0-360	101	H

Pk - Peak detector

11.1.4. WCDMA4

Test Engineer ID:	11993	Test Date:	2023-03-03	Sample Used:	QV7700HTFR
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REL 99 LOW CHANNEL



HORIZONTAL

Test Facility: UL Morrisville

2023 Mar 3 14:56:58

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SDMC

Test Location: Chamber 2

Mode: 1Tx, WCDMA4, 1712.4MHz, Rel 99

Tested by: 11993

VERTICAL

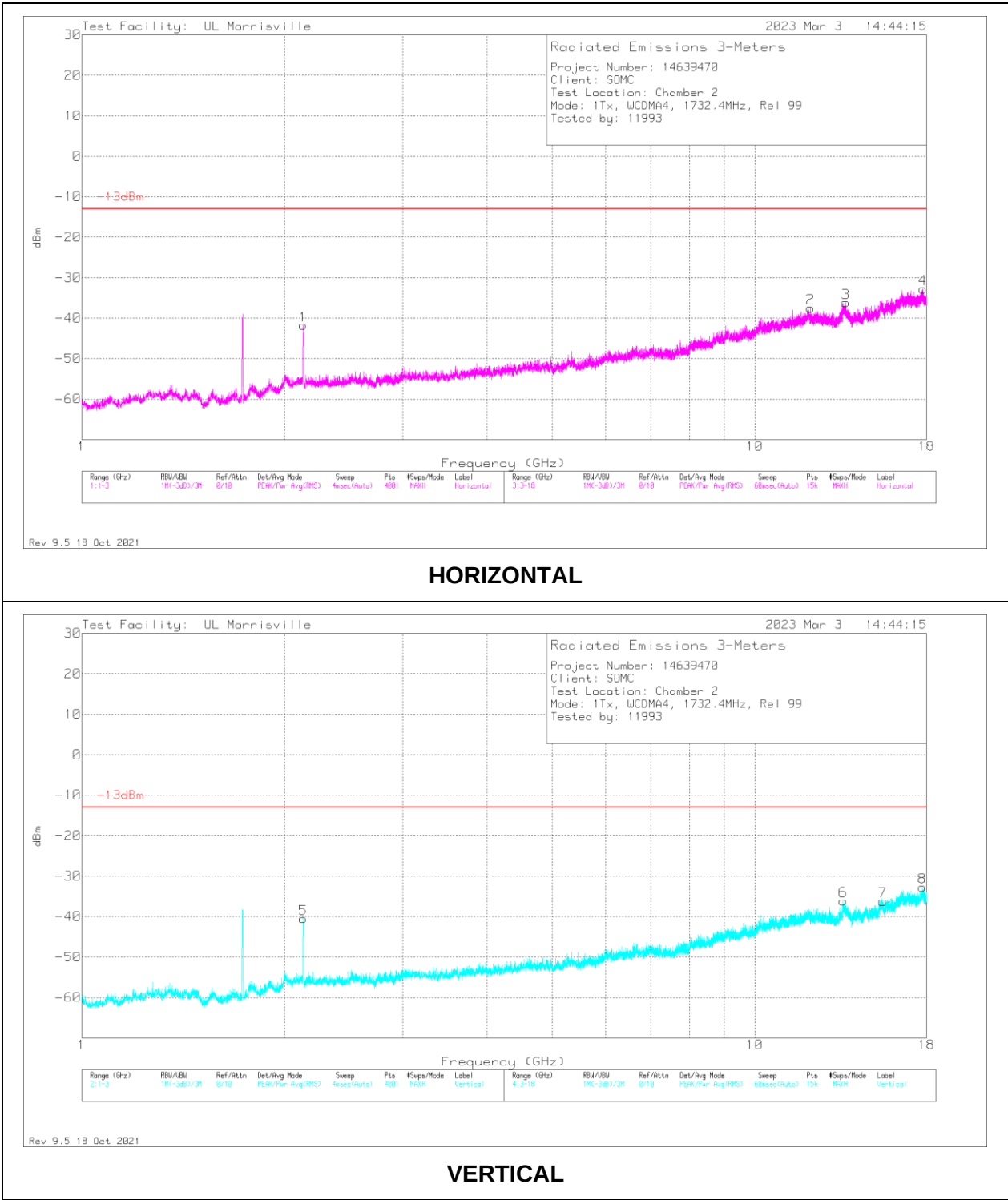
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.1125 (DL)	-53.61	Pk	31.4	-33.9	11.8	1.2	-43.11	-	-	0-360	101	H
5	2.113 (DL)	-51.44	Pk	31.4	-33.9	11.8	1.2	-40.94	-	-	0-360	101	V
6	4.645	-64.65	Pk	34.2	-31.2	11.8	0	-49.85	-13	-36.85	0-360	300	V
2	13.518	-62.38	Pk	38.8	-24.2	11.8	0	-35.98	-13	-22.98	0-360	101	H
7	13.533	-63.04	Pk	38.8	-24.3	11.8	0	-36.74	-13	-23.74	0-360	101	V
4	15.446	-65.8	Pk	40.2	-21.5	11.8	0	-35.3	-13	-22.3	0-360	199	H
8	16.807	-64.64	Pk	41.8	-21.8	11.8	0	-32.84	-13	-19.84	0-360	101	V
3	17.652	-64.64	Pk	41.2	-21.4	11.8	0	-33.04	-13	-20.04	0-360	199	H

Pk - Peak detector

DL – Downlink from Callbox

REL 99 MID CHANNEL



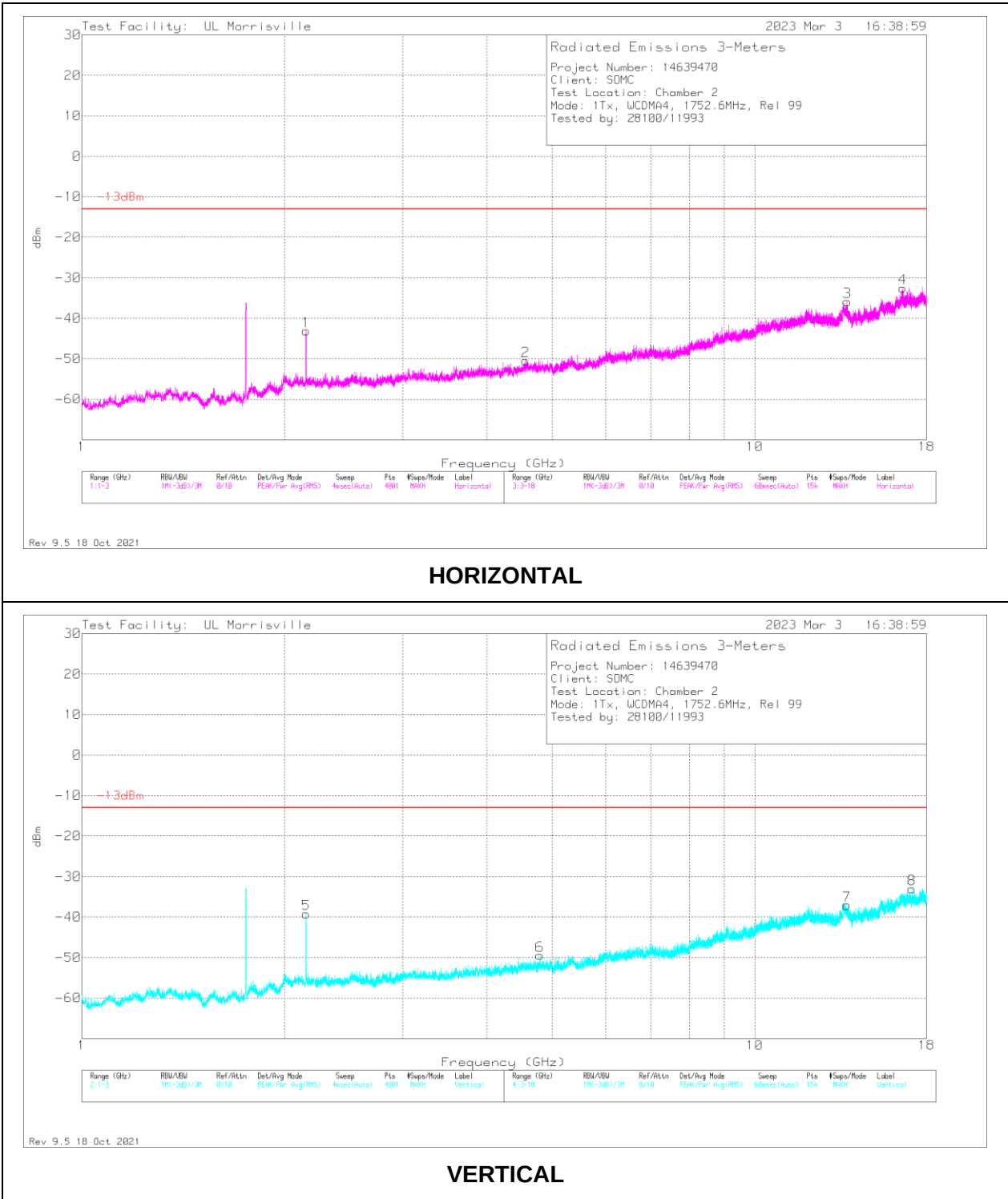
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.1325 (DL)	-51.97	Pk	31.4	-34.2	11.8	1.2	-41.77	-	-	0-360	101	H
5	2.1325 (DL)	-50.73	Pk	31.4	-34.2	11.8	1.2	-40.53	-	-	0-360	200	V
2	12.1	-64.47	Pk	38.7	-23.5	11.8	0	-37.47	-13	-24.47	0-360	300	H
6	13.533	-62.39	Pk	38.8	-24.3	11.8	0	-36.09	-13	-23.09	0-360	300	V
3	13.654	-62.67	Pk	38.7	-24	11.8	0	-36.17	-13	-23.17	0-360	199	H
7	15.507	-65.88	Pk	40.2	-22.3	11.8	0	-36.18	-13	-23.18	0-360	200	V
8	17.743	-64.72	Pk	41.2	-21	11.8	0	-32.72	-13	-19.72	0-360	300	V
4	17.79	-65.03	Pk	41.2	-20.7	11.8	0	-32.73	-13	-19.73	0-360	199	H

Pk - Peak detector

DL – Downlink from Callbox

REL 99 HIGH CHANNEL



Test Facility: UL Morrisville

2023 Mar 3 16:38:59

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SDMC

Test Location: Chamber 2

Mode: 1Tx, WCDMA4, 1752.6MHz, Rel 99

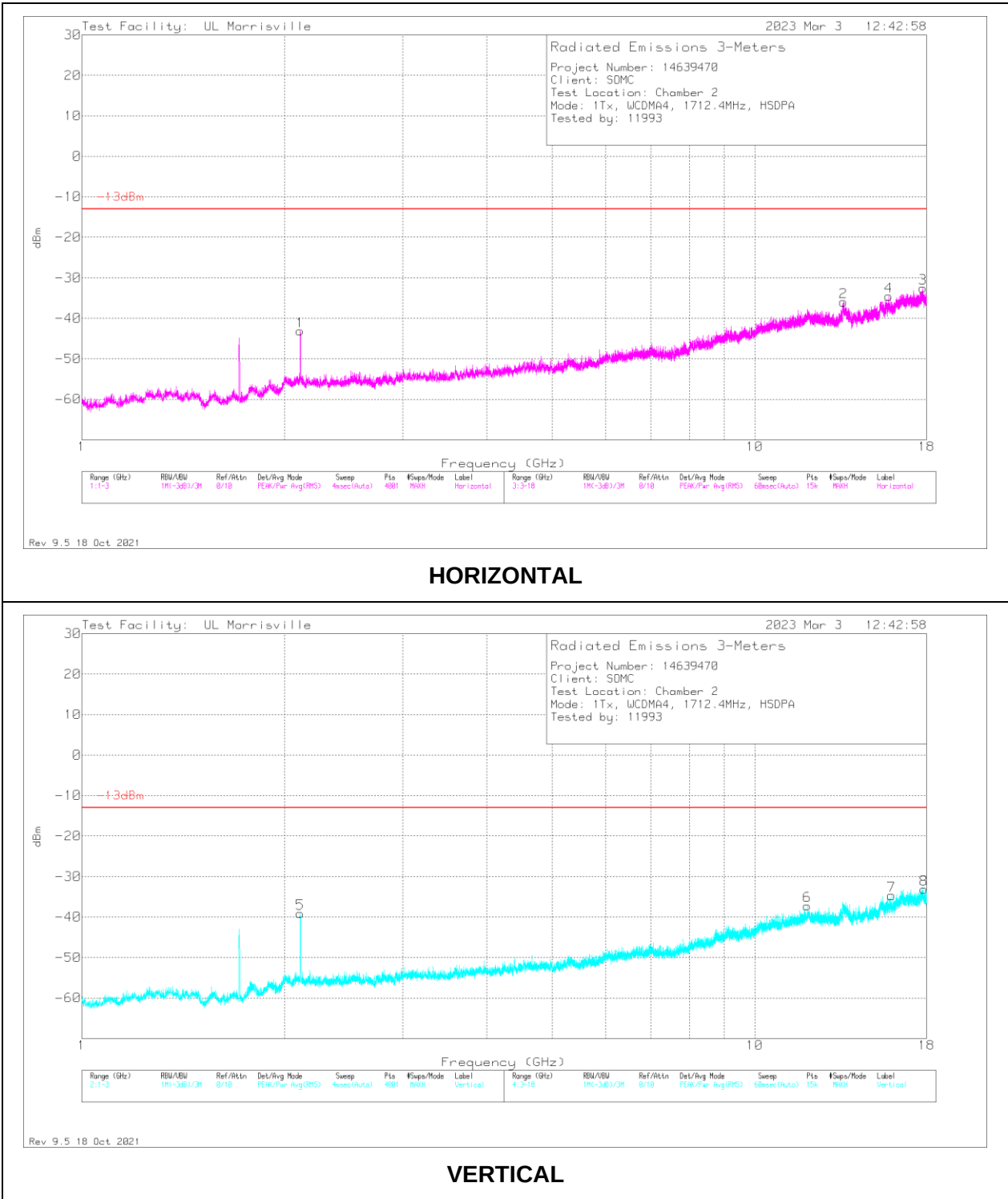
Tested by: 28100/11993

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	2.1535 (DL)	-49.4	Pk	31.5	-34.2	11.8	1.1	-39.2	-	-	0-360	101	V
1	2.154 (DL)	-53.28	Pk	31.5	-34.2	11.8	1.1	-43.08	-	-	0-360	101	H
2	4.564	-65.55	Pk	34.1	-30.8	11.8	0	-50.45	-13	-37.45	0-360	200	H
6	4.794	-64.64	Pk	34	-30.6	11.8	0	-49.44	-13	-36.44	0-360	200	V
7	13.707	-63.35	Pk	38.7	-24.2	11.8	0	-37.05	-13	-24.05	0-360	200	V
3	13.721	-62.27	Pk	38.7	-24.1	11.8	0	-35.87	-13	-22.87	0-360	101	H
4	16.602	-63.28	Pk	41.5	-22.5	11.8	0	-32.48	-13	-19.48	0-360	101	H
8	17.123	-64.61	Pk	41.4	-21.6	11.8	0	-33.01	-13	-20.01	0-360	200	V

Pk - Peak detector

HSDPA LOW CHANNEL



Test Facility: UL Morrisville

2023 Mar 3 12:42:58

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SDMC

Test Location: Chamber 2

Mode: 1Tx, WCDMA4, 1712.4MHz, HSDPA

Tested by: 11993

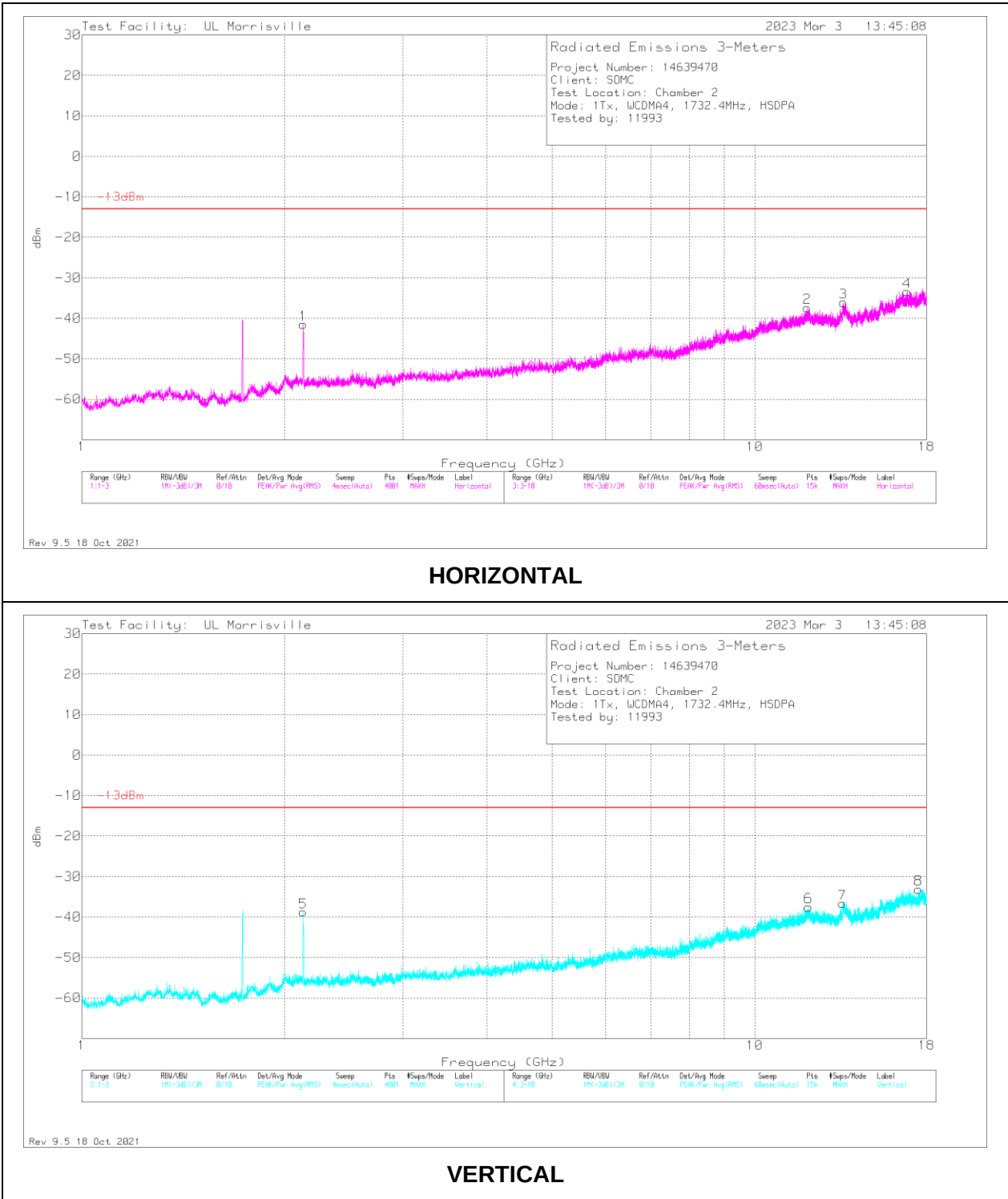
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	2.111 (DL)	-49.59	Pk	31.4	-33.9	11.8	1.2	-39.09	-	-	0-360	101	V
1	2.1115 (DL)	-53.61	Pk	31.4	-33.9	11.8	1.2	-43.11	-	-	0-360	101	H
6	11.974	-64.5	Pk	38.6	-23.1	11.8	0	-37.2	-13	-24.2	0-360	200	V
2	13.549	-62.53	Pk	38.8	-24	11.8	0	-35.93	-13	-22.93	0-360	101	H
4	15.812	-65.24	Pk	40.6	-21.7	11.8	0	-34.54	-13	-21.54	0-360	101	H
7	15.969	-64.18	Pk	40.7	-23	11.8	0	-34.68	-13	-21.68	0-360	101	V
3	17.775	-65.32	Pk	41.2	-20.2	11.8	0	-32.52	-13	-19.52	0-360	299	H
8	17.84	-65.73	Pk	41.2	-20.4	11.8	0	-33.13	-13	-20.13	0-360	300	V

Pk - Peak detector

DL – Downlink from callbox

HSDPA MID CHANNEL



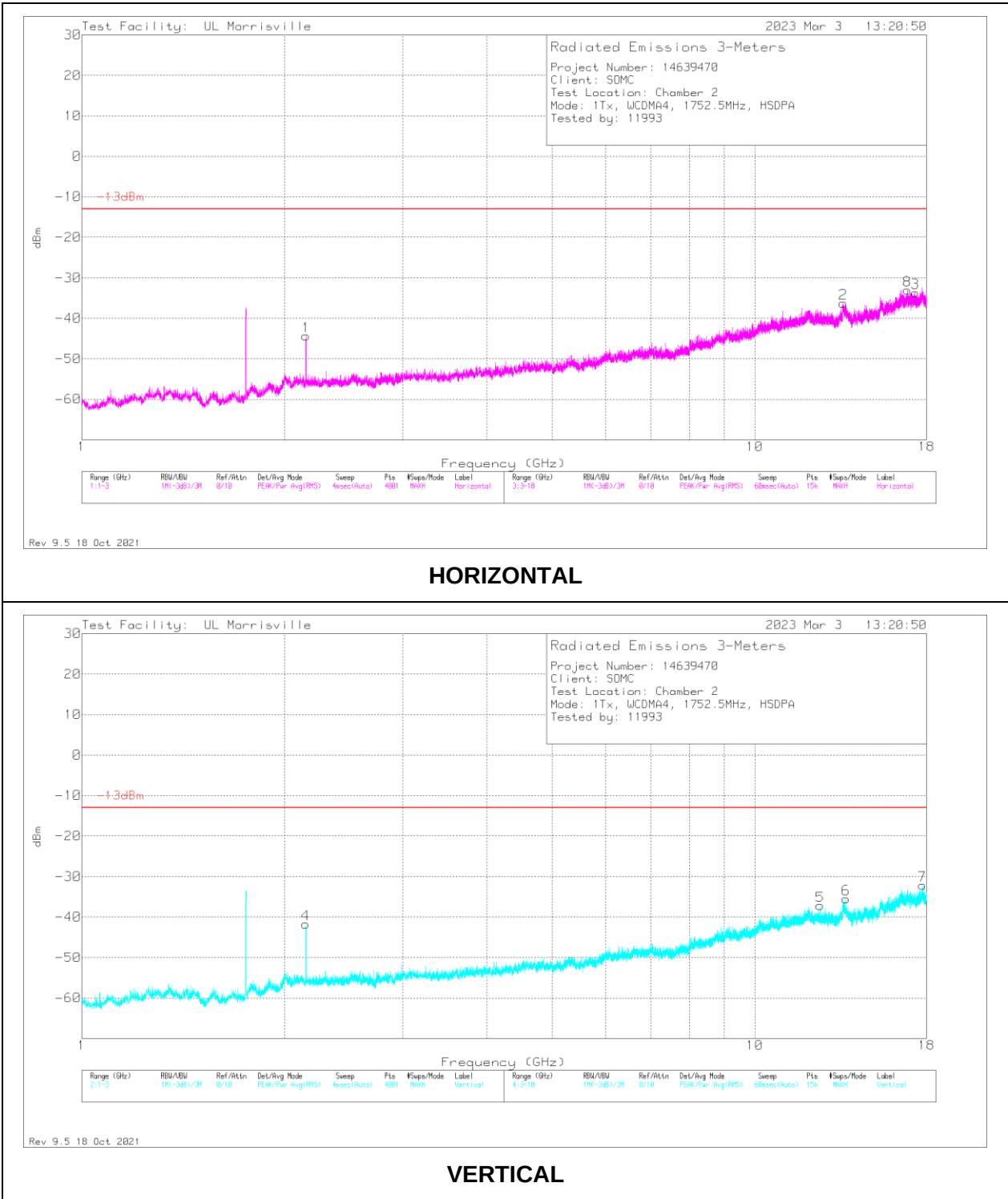
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.1315 (DL)	-51.79	Pk	31.4	-34.1	11.8	1.2	-41.49	-	-	0-360	101	H
5	2.1315 (DL)	-49.06	Pk	31.4	-34.1	11.8	1.2	-38.76	-	-	0-360	200	V
2	11.964	-64.33	Pk	38.5	-23.3	11.8	0	-37.33	-13	-24.33	0-360	101	H
6	12.019	-65.16	Pk	38.6	-22.7	11.8	0	-37.46	-13	-24.46	0-360	300	V
7	13.504	-63.34	Pk	38.8	-23.9	11.8	0	-36.64	-13	-23.64	0-360	200	V
3	13.549	-62.67	Pk	38.8	-24	11.8	0	-36.07	-13	-23.07	0-360	199	H
4	16.843	-65.11	Pk	41.9	-22	11.8	0	-33.41	-13	-20.41	0-360	199	H
8	17.514	-64.42	Pk	41.1	-21.6	11.8	0	-33.12	-13	-20.12	0-360	200	V

Pk - Peak detector

DL – Downlink from Callbox

HSDPA HIGH CHANNEL



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.152 (DL)	-51.91	Pk	31.5	-34.2	11.8	1.1	-41.71	-	-	0-360	101	V
1	2.153 (DL)	-54.55	Pk	31.5	-34.2	11.8	1.1	-44.35	-	-	0-360	101	H
5	12.507	-63.55	Pk	39	-24.4	11.8	0	-37.15	-13	-24.15	0-360	101	V
2	13.534	-62.55	Pk	38.8	-24.3	11.8	0	-36.25	-13	-23.25	0-360	300	H
6	13.668	-61.91	Pk	38.7	-24.1	11.8	0	-35.51	-13	-22.51	0-360	101	V
8	16.847	-64.82	Pk	41.9	-21.9	11.8	0	-33.02	-13	-20.02	0-360	200	H
3	17.339	-64.5	Pk	41.1	-22	11.8	0	-33.6	-13	-20.6	0-360	101	H
7	17.749	-64.34	Pk	41.2	-20.8	11.8	0	-32.14	-13	-19.14	0-360	101	V

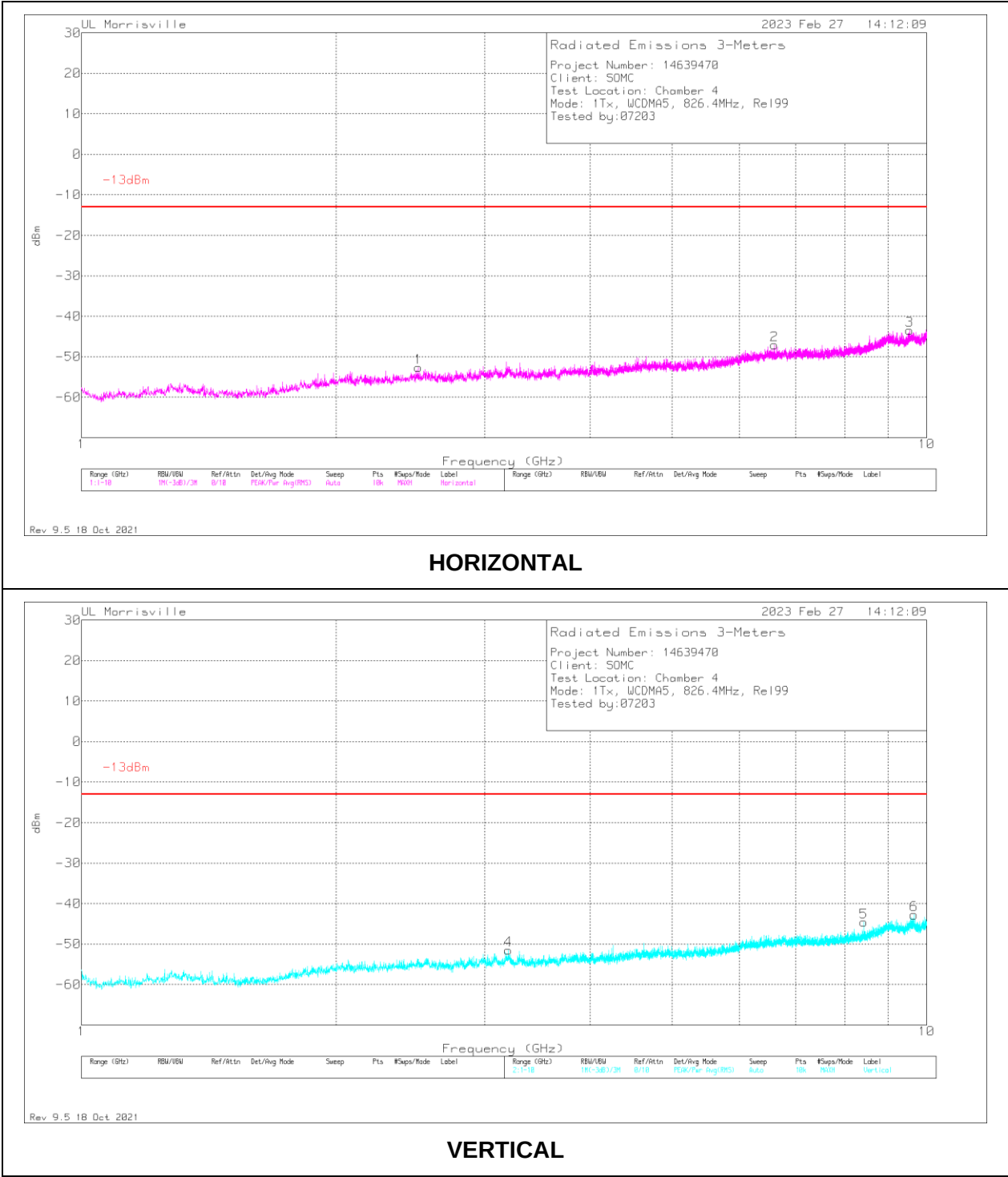
Pk - Peak detector

DL – Downlink from Callbox

11.1.5. WCDMA5

Test Engineer ID:	07203 84740/11993	Test Date:	2023-02-27 2023-03-02	Sample Used:	QV7700HTFR QV77003JFR
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REL 99 LOW CHANNEL

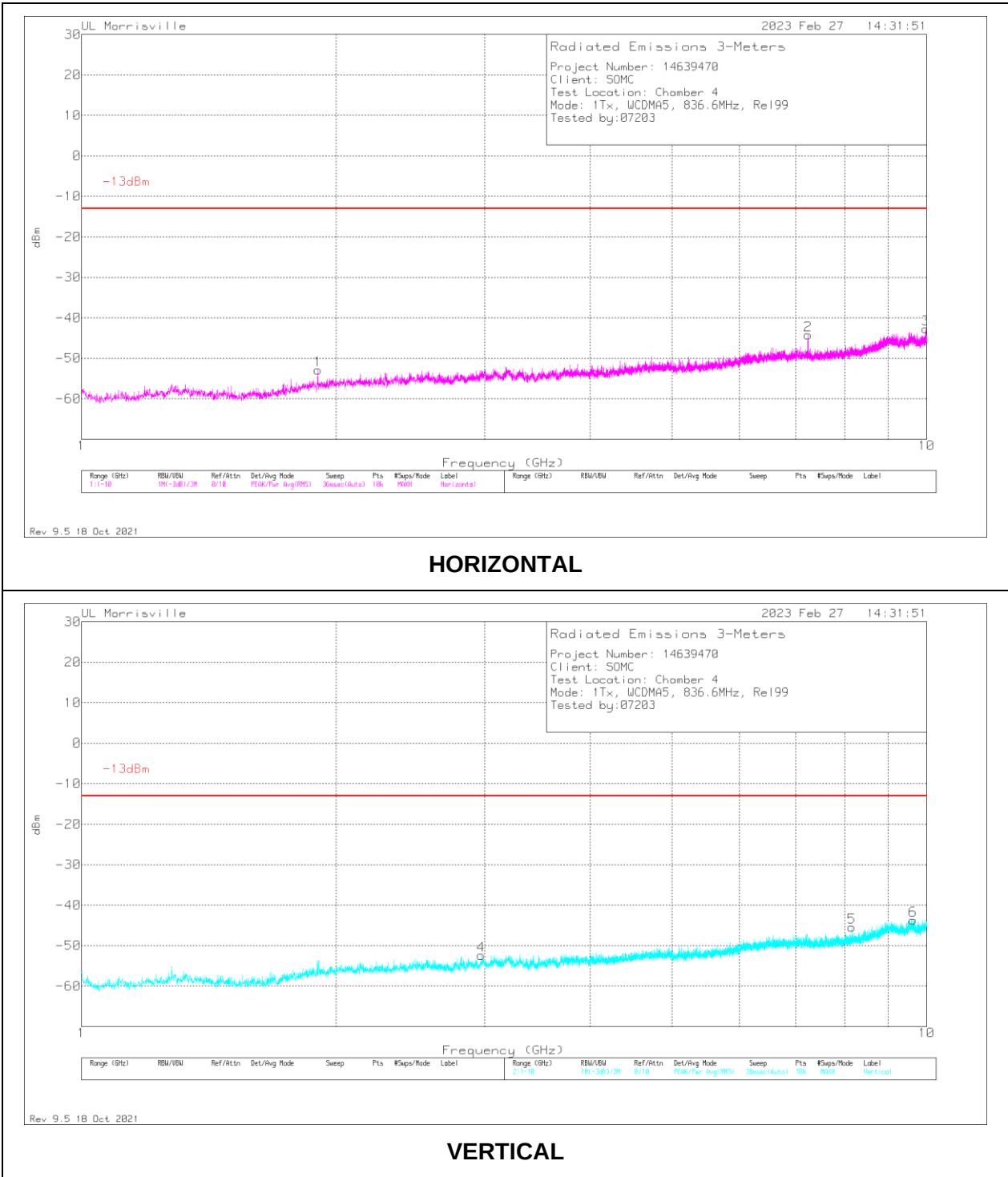


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.503	-61.21	Pk	32.6	-36.3	.4	11.8	-52.71	-13	-39.71	0-360	100	H
4	3.1978	-61.78	Pk	33.2	-35.5	.8	11.8	-51.48	-13	-38.48	0-360	300	V
2	6.6016	-65.69	Pk	35.5	-29.3	.6	11.8	-47.09	-13	-34.09	0-360	100	H
5	8.425	-65.29	Pk	35.7	-27.3	.5	11.8	-44.59	-13	-31.59	0-360	200	V
3	9.5392	-66.42	Pk	36.6	-26.1	.7	11.8	-43.42	-13	-30.42	0-360	100	H
6	9.6643	-65.58	Pk	36.7	-26.5	.8	11.8	-42.78	-13	-29.78	0-360	200	V

Pk - Peak detector

REL 99 MID CHANNEL

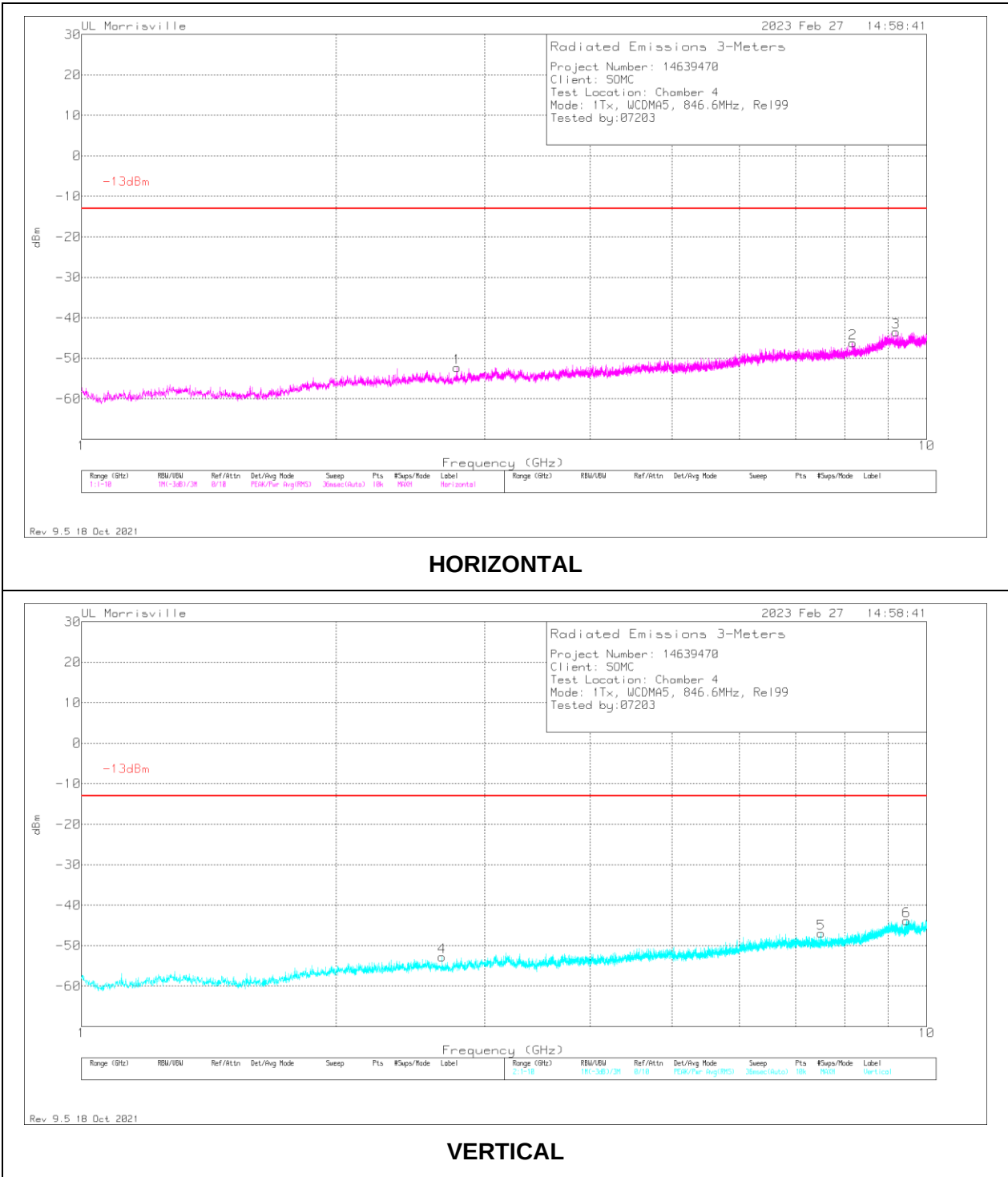


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.9045	-59.96	Pk	31.1	-36.2	.4	11.8	-52.86	-13	-39.86	0-360	200	H
4	2.9701	-61.85	Pk	32.8	-35.6	.5	11.8	-52.35	-13	-39.35	0-360	200	V
2	7.2361	-63.53	Pk	35.7	-28.8	.6	11.8	-44.23	-13	-31.23	0-360	100	H
5	8.1595	-65.72	Pk	35.7	-27.7	.5	11.8	-45.42	-13	-32.42	0-360	300	V
6	9.6418	-66.79	Pk	36.7	-26.3	.9	11.8	-43.69	-13	-30.69	0-360	300	V
3	9.9793	-65.57	Pk	37.1	-26.6	.6	11.8	-42.67	-13	-29.67	0-360	100	H

Pk - Peak detector

REL 99 HIGH CHANNEL

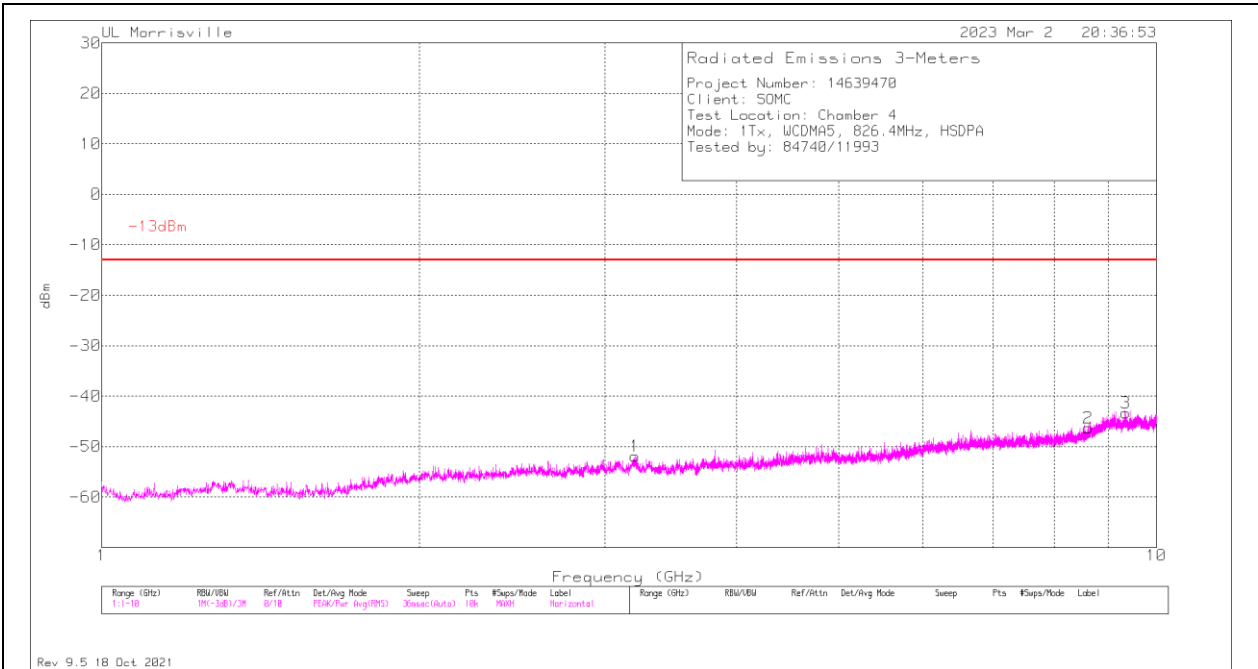


RADIATED EMISSIONS

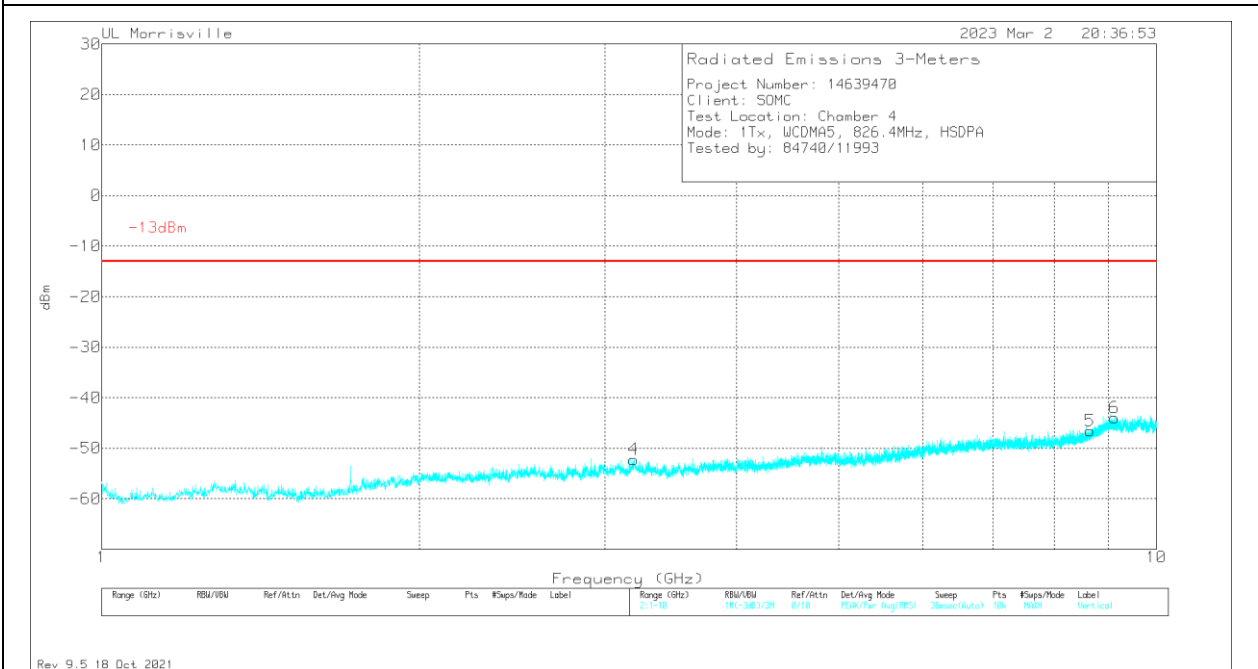
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.6704	-61.09	Pk	32.3	-36.3	.5	11.8	-52.79	-13	-39.79	0-360	300	V
1	2.7829	-61.19	Pk	32.5	-35.9	.5	11.8	-52.29	-13	-39.29	0-360	100	H
5	7.5043	-66.3	Pk	35.6	-28.6	.6	11.8	-46.9	-13	-33.9	0-360	300	V
2	8.1811	-66.12	Pk	35.7	-28	.4	11.8	-46.22	-13	-33.22	0-360	100	H
3	9.1981	-65.72	Pk	36.2	-26.4	.7	11.8	-43.42	-13	-30.42	0-360	100	H
6	9.4717	-66.65	Pk	36.5	-26.3	.8	11.8	-43.85	-13	-30.85	0-360	300	V

Pk - Peak detector

HSDPA LOW CHANNEL



HORIZONTAL



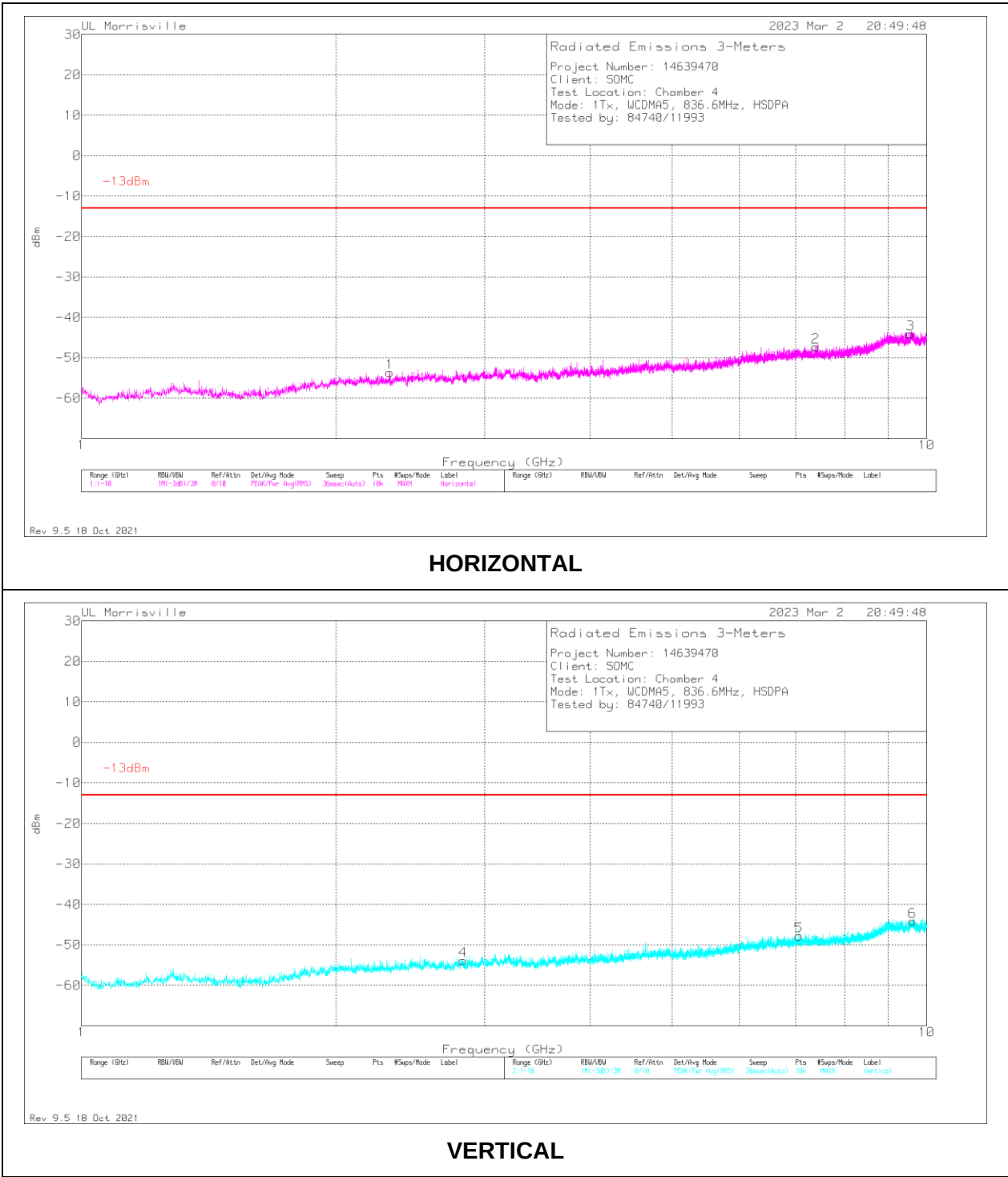
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.2032	-62.34	Pk	33.2	-35.3	.7	11.8	-51.94	-13	-38.94	0-360	200	H
2	8.614	-67.37	Pk	35.8	-27.1	.5	11.8	-46.37	-13	-33.37	0-360	200	H
3	9.3475	-66.36	Pk	36.4	-26.5	1.3	11.8	-43.36	-13	-30.36	0-360	200	H
4	3.196	-62.42	Pk	33.2	-35.5	.7	11.8	-52.22	-13	-39.22	0-360	300	V
5	8.6455	-67.55	Pk	35.8	-27.1	.5	11.8	-46.55	-13	-33.55	0-360	200	V
6	9.127	-66.31	Pk	36.2	-26.6	.9	11.8	-44.01	-13	-31.01	0-360	200	V

Pk - Peak detector

HSDPA MID CHANNEL

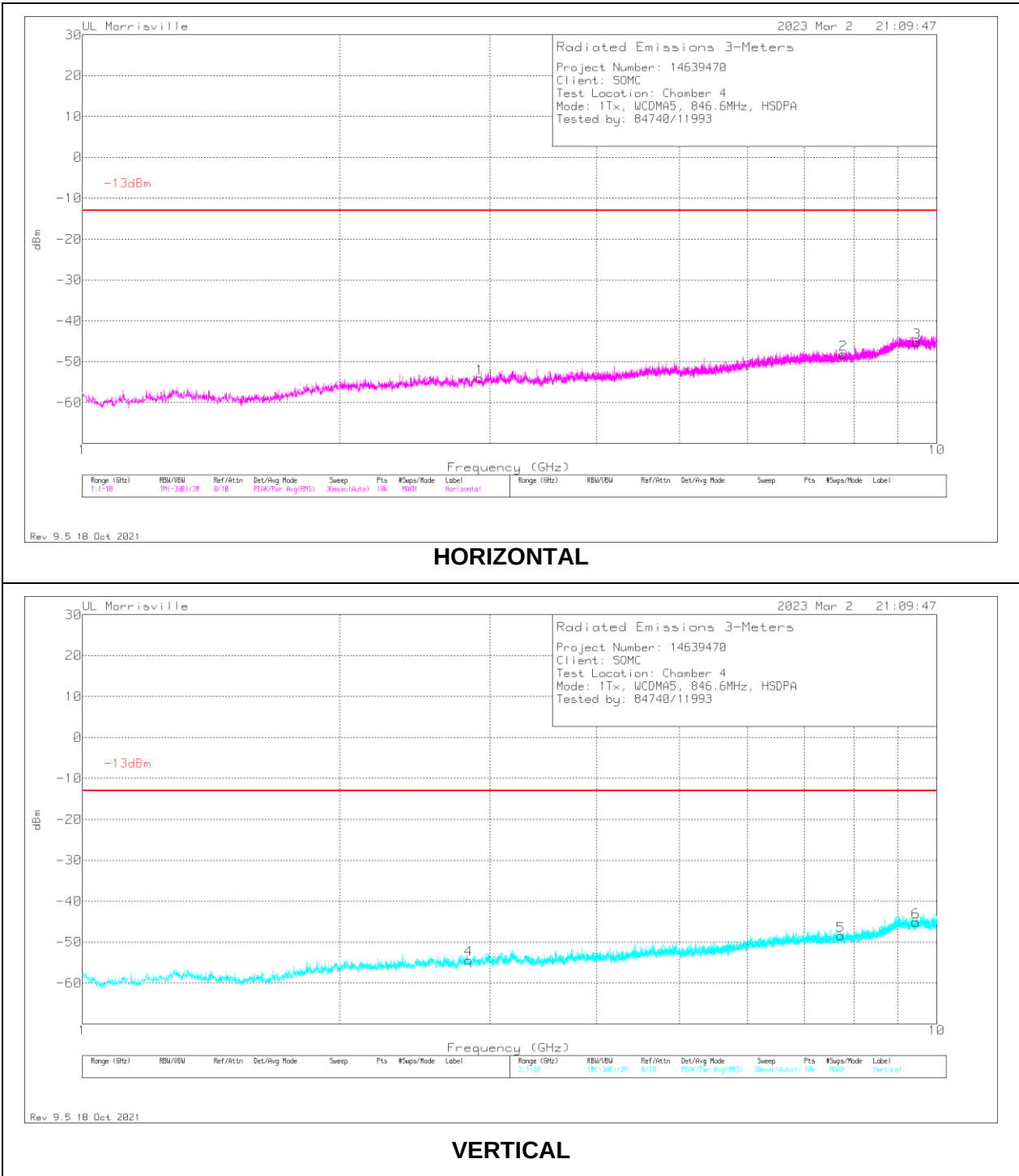


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.3158	-61.72	Pk	32.1	-36.2	.4	11.8	-53.62	-13	-40.62	0-360	200	H
2	7.3882	-66.71	Pk	35.6	-28.7	.7	11.8	-47.31	-13	-34.31	0-360	100	H
3	9.5725	-67.37	Pk	36.6	-26.3	1.2	11.8	-44.07	-13	-31.07	0-360	100	H
4	2.8288	-62.99	Pk	32.6	-35.9	.6	11.8	-53.89	-13	-40.89	0-360	300	V
5	7.0624	-67.38	Pk	35.6	-28.5	.7	11.8	-47.78	-13	-34.78	0-360	200	V
6	9.6229	-67.38	Pk	36.7	-26.5	1.2	11.8	-44.18	-13	-31.18	0-360	300	V

Pk - Peak detector

HSDPA HIGH CHANNEL



RADIATED EMISSIONS

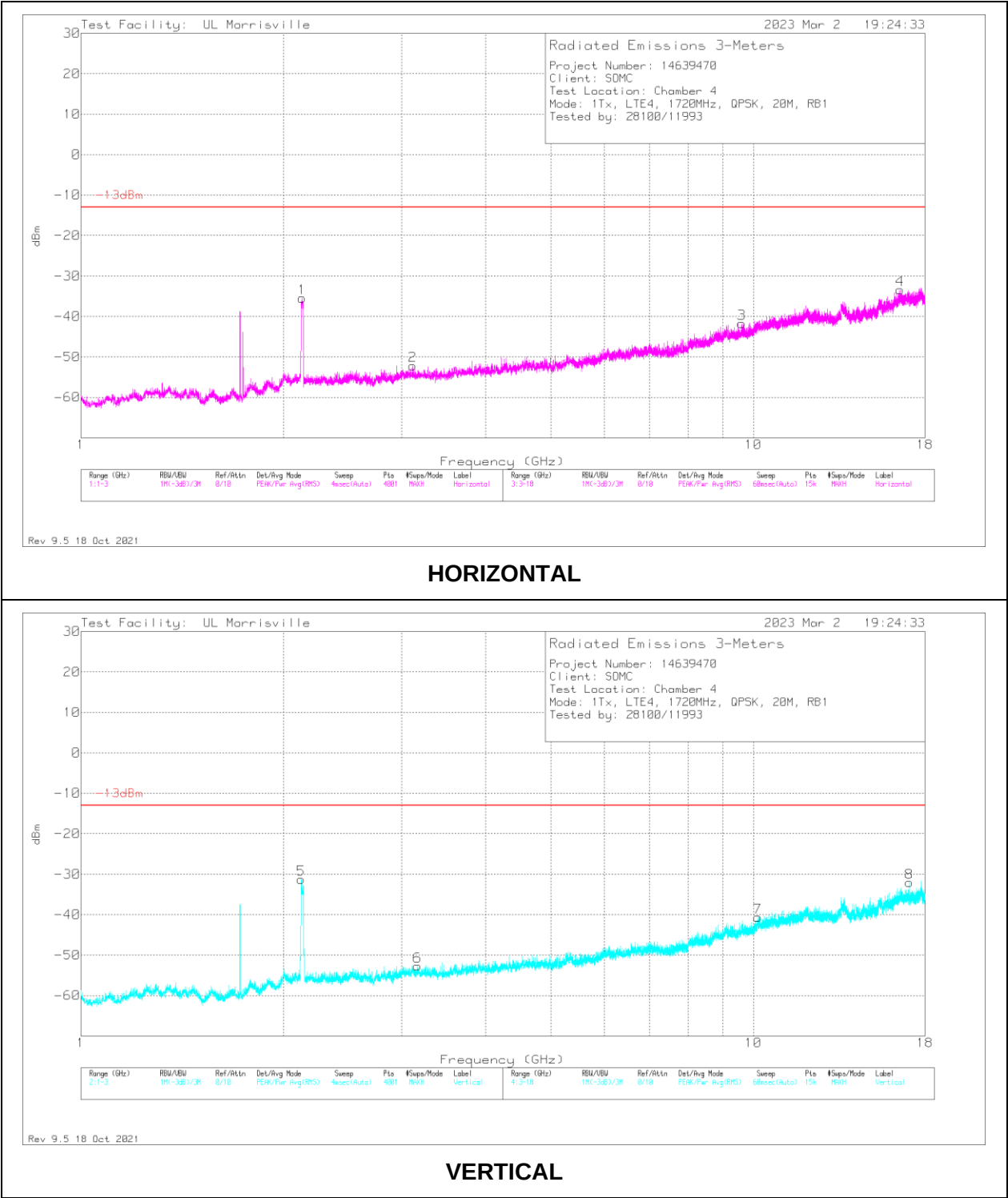
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.9188	-63.13	Pk	32.6	-36	.7	11.8	-54.03	-13	-41.03	0-360	100	H
2	7.7761	-67.85	Pk	35.7	-28.4	.6	11.8	-48.15	-13	-35.15	0-360	100	H
3	9.478	-68.35	Pk	36.5	-26.5	1.3	11.8	-45.25	-13	-32.25	0-360	100	H
4	2.8333	-63.43	Pk	32.6	-35.9	.6	11.8	-54.33	-13	-41.33	0-360	300	V
5	7.7176	-67.86	Pk	35.7	-28.7	.6	11.8	-48.46	-13	-35.46	0-360	200	V
6	9.4555	-68.14	Pk	36.5	-26.5	1.2	11.8	-45.14	-13	-32.14	0-360	200	V

Pk - Peak detector

11.1.6. LTE4

Test Engineer ID:	28100/11993	Test Date:	2023-03-02	Sample Used:	QV77003JFR
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QPSK LOW CHANNEL



Test Facility: UL Morrisville

2023 Mar 2 19:24:33

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SDMC

Test Location: Chamber 4

Mode: 1Tx, LTE4, 1720MHz, QPSK, 20M, RB1

Tested by: 28100/11993

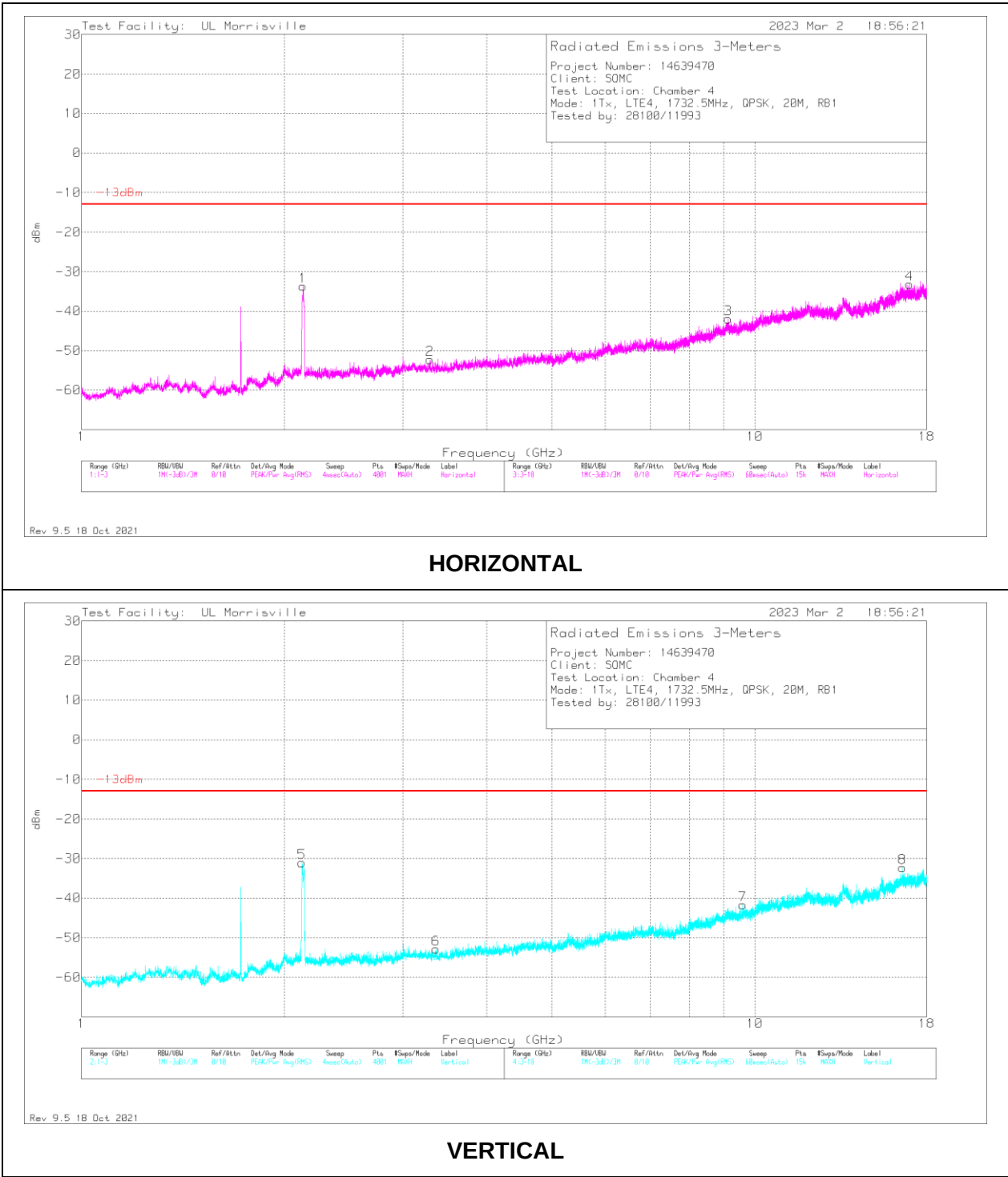
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5 (DL)	2.125	-41.57	Pk	31.4	-34.1	11.8	1.2	-31.27	-	-	0-360	200	V
1 (DL)	2.1315	-45.75	Pk	31.4	-34.1	11.8	1.2	-35.45	-	-	0-360	101	H
2	3.115	-64.44	Pk	32.9	-32.4	11.8	0	-52.14	-13	-39.14	0-360	199	H
6	3.165	-64.72	Pk	32.8	-32.6	11.8	0	-52.72	-13	-39.72	0-360	101	V
3	9.609	-65.11	Pk	36.7	-25.1	11.8	0	-41.71	-13	-28.71	0-360	299	H
7	10.153	-65.24	Pk	37.3	-24.5	11.8	0	-40.64	-13	-27.64	0-360	200	V
4	16.53	-64.75	Pk	41.3	-21.7	11.8	0	-33.35	-13	-20.35	0-360	299	H
8	17.052	-64.24	Pk	41.6	-21.2	11.8	0	-32.04	-13	-19.04	0-360	101	V

Pk - Peak detector

DL – Downlink from Callbox

QPSK MID CHANNEL



HORIZONTAL

Test Facility: UL Morrisville

2023 Mar 2 18:56:21

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SOMC

Test Location: Chamber 4

Mode: 1Tx, LTE4, 1732.5MHz, QPSK, 20M, RB1

Tested by: 28100/11993

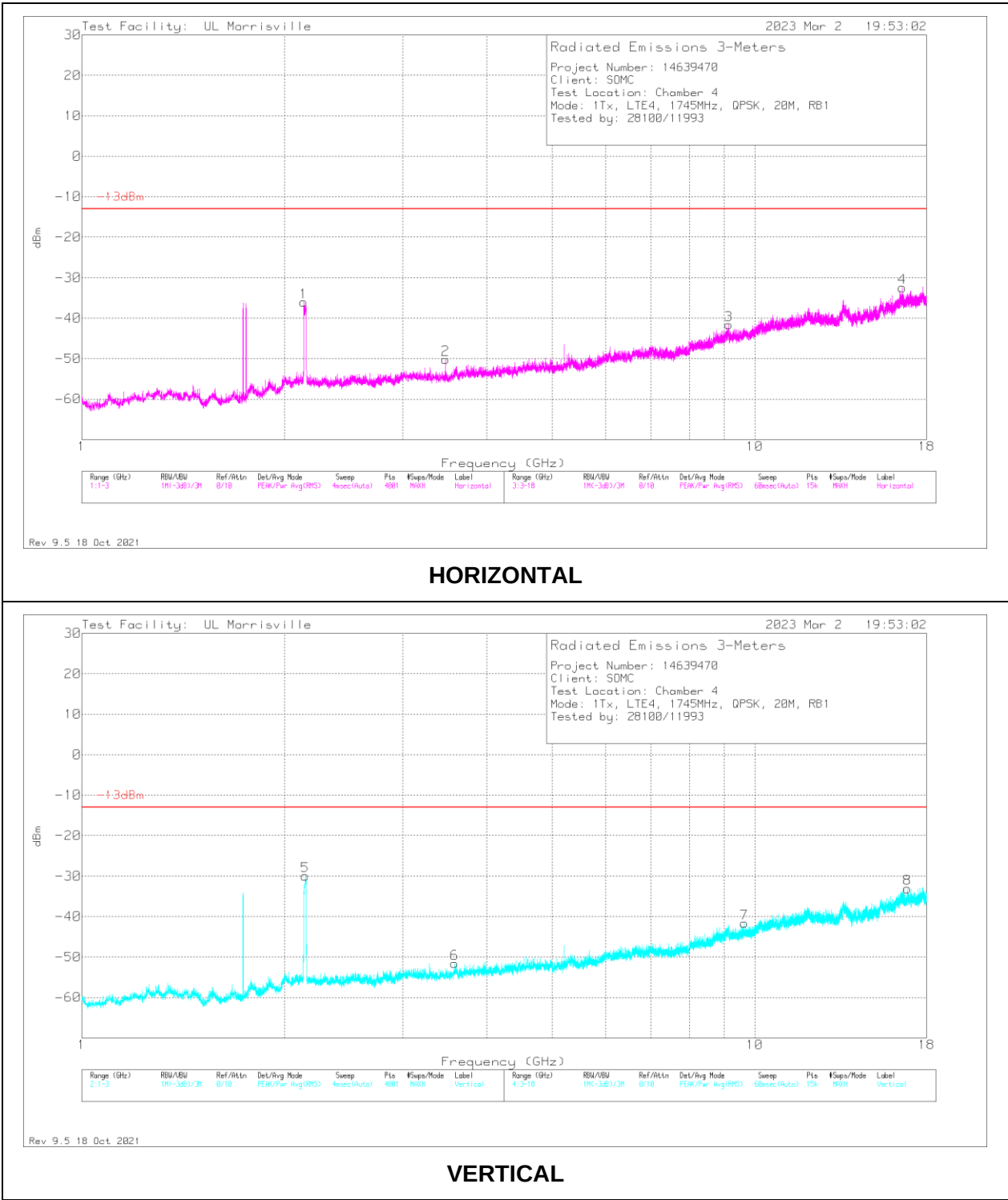
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5 (DL)	2.1245	-41.38	Pk	31.4	-34.1	11.8	1.2	-31.08	-	-	0-360	200	V
1 (DL)	2.1315	-43.94	Pk	31.4	-34.1	11.8	1.2	-33.64	-	-	0-360	100	H
2	3.294	-64.17	Pk	32.8	-32.7	11.8	0	-52.27	-13	-39.27	0-360	200	H
6	3.364	-65	Pk	32.5	-32.2	11.8	0	-52.9	-13	-39.9	0-360	200	V
3	9.14	-64.93	Pk	36.2	-25	11.8	0	-41.93	-13	-28.93	0-360	200	H
7	9.606	-64.93	Pk	36.7	-25.2	11.8	0	-41.63	-13	-28.63	0-360	300	V
8	16.577	-64.3	Pk	41.4	-21.2	11.8	0	-32.3	-13	-19.3	0-360	200	V
4	16.99	-64.43	Pk	41.7	-22.3	11.8	0	-33.23	-13	-20.23	0-360	300	H

Pk - Peak detector

QPSK HIGH CHANNEL



Test Facility: UL Morrisville

2023 Mar 2 19:53:02

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SOMC

Test Location: Chamber 4

Mode: 1Tx, LTE4, 1745MHz, QPSK, 20M, RB1

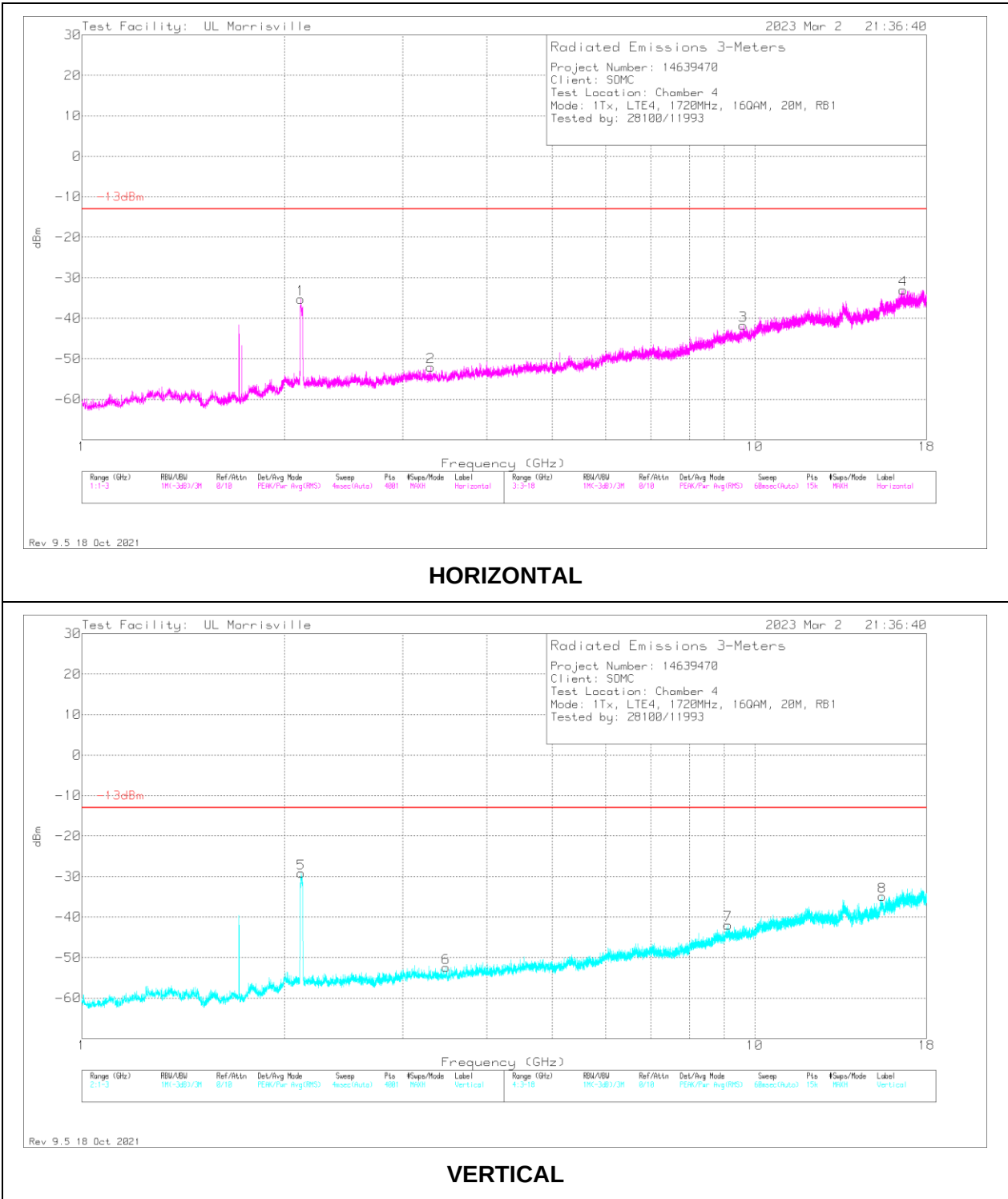
Tested by: 28100/11993

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1 (DL)	2.137	-46.13	Pk	31.5	-34.4	11.8	1.2	-36.03	-	-	0-360	101	H
5 (DL)	2.1465	-39.95	Pk	31.5	-34.5	11.8	1.2	-29.95	-	-	0-360	200	V
2	3.472	-62.17	Pk	32.6	-32.4	11.8	0	-50.17	-13	-37.17	0-360	101	H
6	3.581	-64.68	Pk	33	-31.7	11.8	0	-51.58	-13	-38.58	0-360	299	V
3	9.153	-63.85	Pk	36.3	-25.9	11.8	0	-41.65	-13	-28.65	0-360	199	H
7	9.647	-64.94	Pk	36.7	-25.2	11.8	0	-41.64	-13	-28.64	0-360	101	V
4	16.572	-64.55	Pk	41.4	-21.1	11.8	0	-32.45	-13	-19.45	0-360	101	H
8	16.853	-64.88	Pk	41.9	-21.9	11.8	0	-33.08	-13	-20.08	0-360	299	V

Pk - Peak detector

16QAM LOW CHANNEL



Test Facility: UL Morrisville

2023 Mar 2 21:36:40

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SPMC

Test Location: Chamber 4

Mode: 1Tx, LTE4, 1720MHz, 16QAM, 20M, RB1

Tested by: 28100/11993

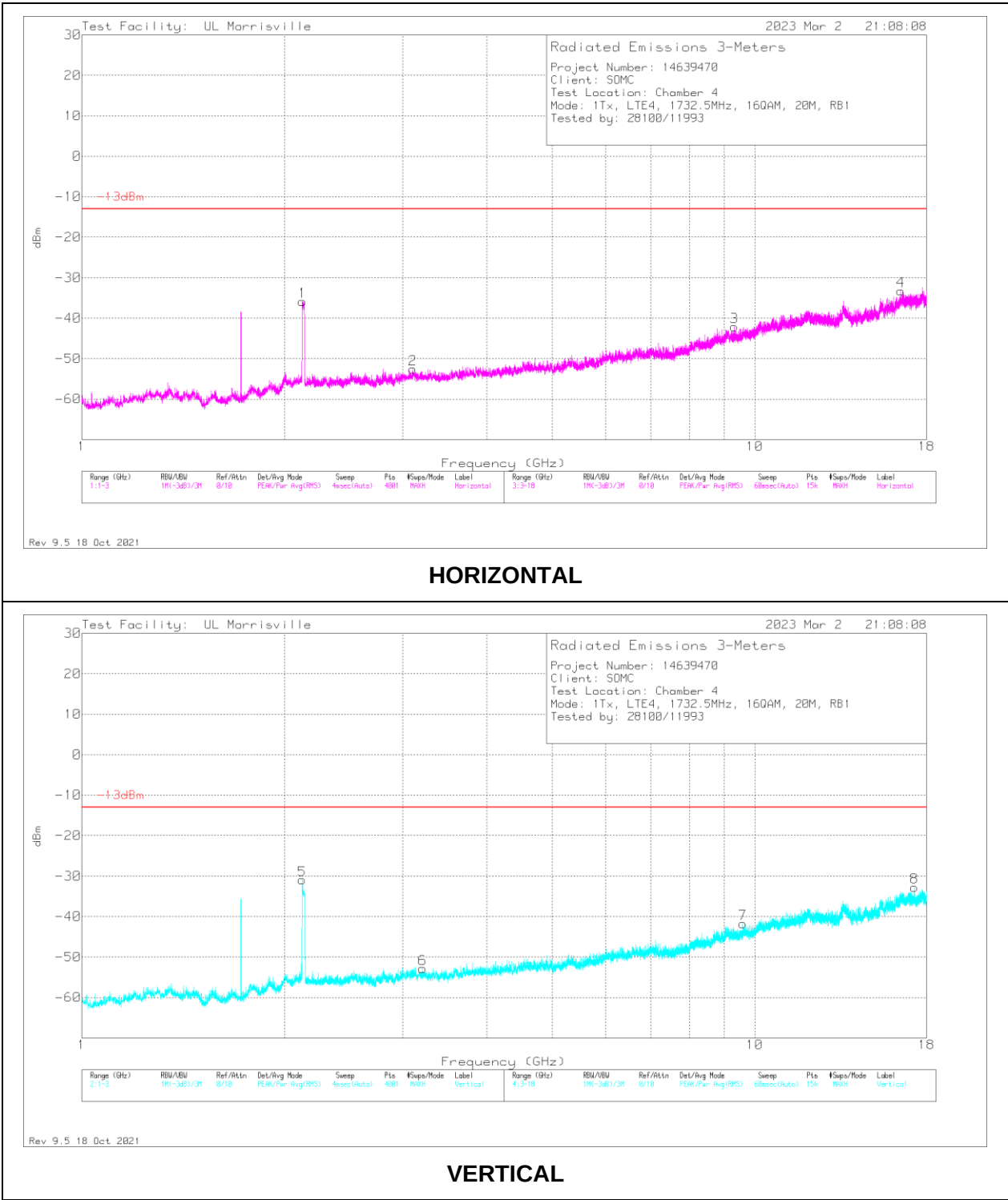
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.1145 (DL)	-45.64	Pk	31.4	-34	11.8	1.2	-35.24	-	-	0-360	101	H
5	2.119 (DL)	-39.48	Pk	31.4	-34.1	11.8	1.2	-29.18	-	-	0-360	200	V
2	3.299	-63.82	Pk	32.8	-32.8	11.8	0	-52.02	-13	-39.02	0-360	101	H
6	3.478	-64.36	Pk	32.5	-32.4	11.8	0	-52.46	-13	-39.46	0-360	299	V
7	9.126	-64.75	Pk	36.2	-25.2	11.8	0	-41.95	-13	-28.95	0-360	101	V
3	9.609	-65.11	Pk	36.7	-25.1	11.8	0	-41.71	-13	-28.71	0-360	101	H
8	15.467	-65.32	Pk	40.2	-21.6	11.8	0	-34.92	-13	-21.92	0-360	200	V
4	16.613	-64.57	Pk	41.6	-21.8	11.8	0	-32.97	-13	-19.97	0-360	101	H

Pk - Peak detector

DL – Downlink from Callbox

16QAM MID CHANNEL



Test Facility: UL Morrisville

2023 Mar 2 21:08:08

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SPMC

Test Location: Chamber 4

Mode: 1Tx, LTE4, 1732.5MHz, 16QAM, 20M, RB1

Tested by: 28100/11993

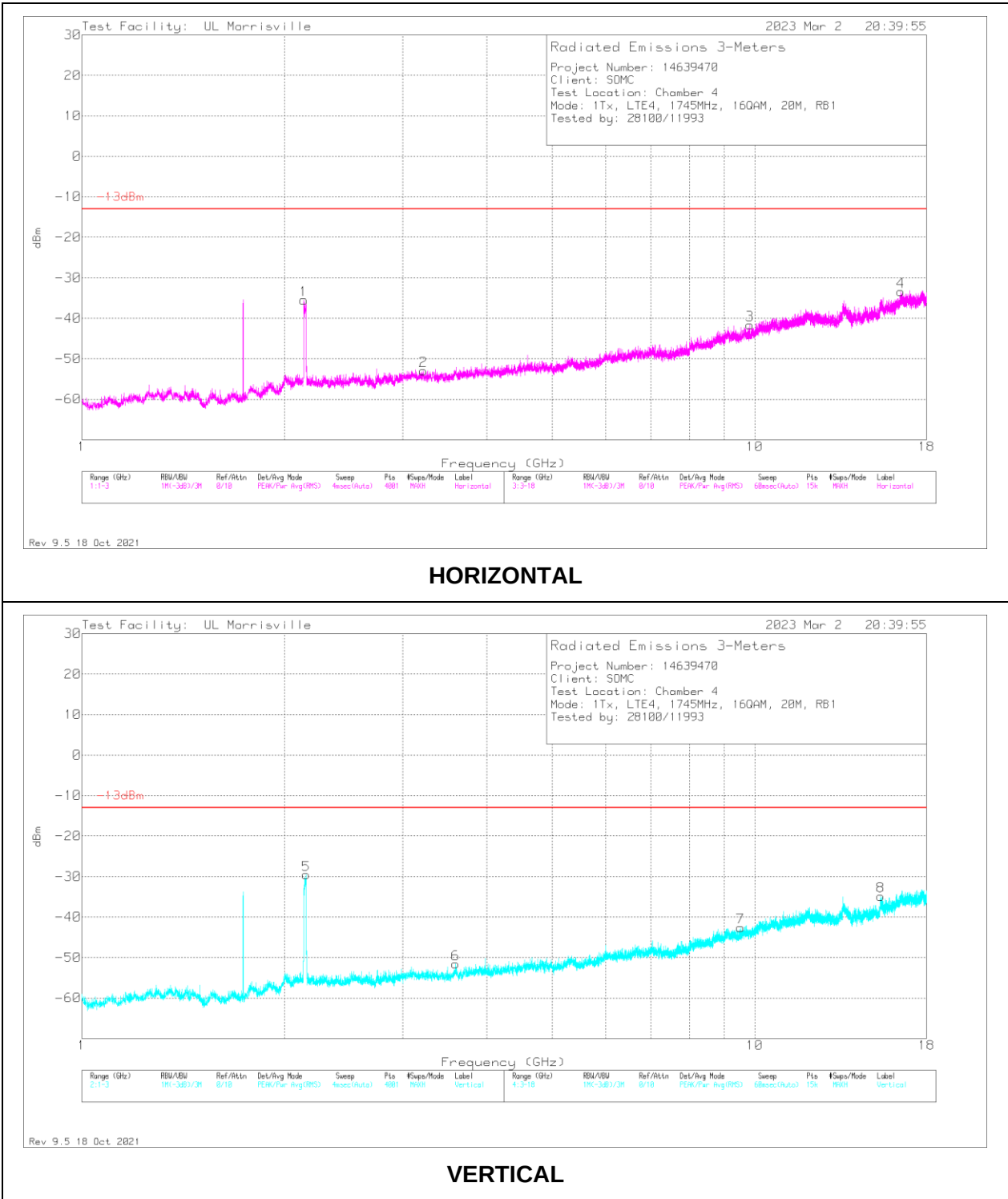
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5 (DL)	2.1245	-41.21	Pk	31.4	-34.1	11.8	1.2	-30.91	-	-	0-360	200	V
1 (DL)	2.127	-46.14	Pk	31.4	-34.1	11.8	1.2	-35.84	-	-	0-360	101	H
2	3.105	-64.77	Pk	32.9	-32.5	11.8	0	-52.57	-13	-39.57	0-360	101	H
6	3.209	-64.93	Pk	32.8	-32.5	11.8	0	-52.83	-13	-39.83	0-360	200	V
3	9.319	-64.71	Pk	36.4	-25.6	11.8	0	-42.11	-13	-29.11	0-360	199	H
7	9.606	-65	Pk	36.7	-25.2	11.8	0	-41.7	-13	-28.7	0-360	101	V
4	16.488	-64.04	Pk	41.2	-22.2	11.8	0	-33.24	-13	-20.24	0-360	300	H
8	17.267	-63.53	Pk	41.1	-22.1	11.8	0	-32.73	-13	-19.73	0-360	300	V

Pk - Peak detector

DL – Downlink from Callbox

16QAM HIGH CHANNEL



Test Facility: UL Morrisville

2023 Mar 2 20:39:55

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SPMC

Test Location: Chamber 4

Mode: 1Tx, LTE4, 1745MHz, 16QAM, 20M, RB1

Tested by: 28100/11993

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	CF (dB)	Filter (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1 (DL)	2.1375	-45.45	Pk	31.5	-34.5	11.8	1.2	-35.45	-	-	0-360	101	H
5 (DL)	2.1535	-39.76	Pk	31.5	-34.2	11.8	1.1	-29.56	-	-	0-360	201	V
2	3.219	-65.01	Pk	32.8	-32.5	11.8	0	-52.91	-13	-39.91	0-360	199	H
6	3.592	-65.21	Pk	33	-31.2	11.8	0	-51.61	-13	-38.61	0-360	200	V
7	9.527	-65.96	Pk	36.6	-25	11.8	0	-42.56	-13	-29.56	0-360	101	V
3	9.836	-64.98	Pk	36.9	-25.3	11.8	0	-41.58	-13	-28.58	0-360	199	H
8	15.381	-65.43	Pk	40.1	-21.3	11.8	0	-34.83	-13	-21.83	0-360	200	V
4	16.483	-64.17	Pk	41.2	-22.2	11.8	0	-33.37	-13	-20.37	0-360	199	H

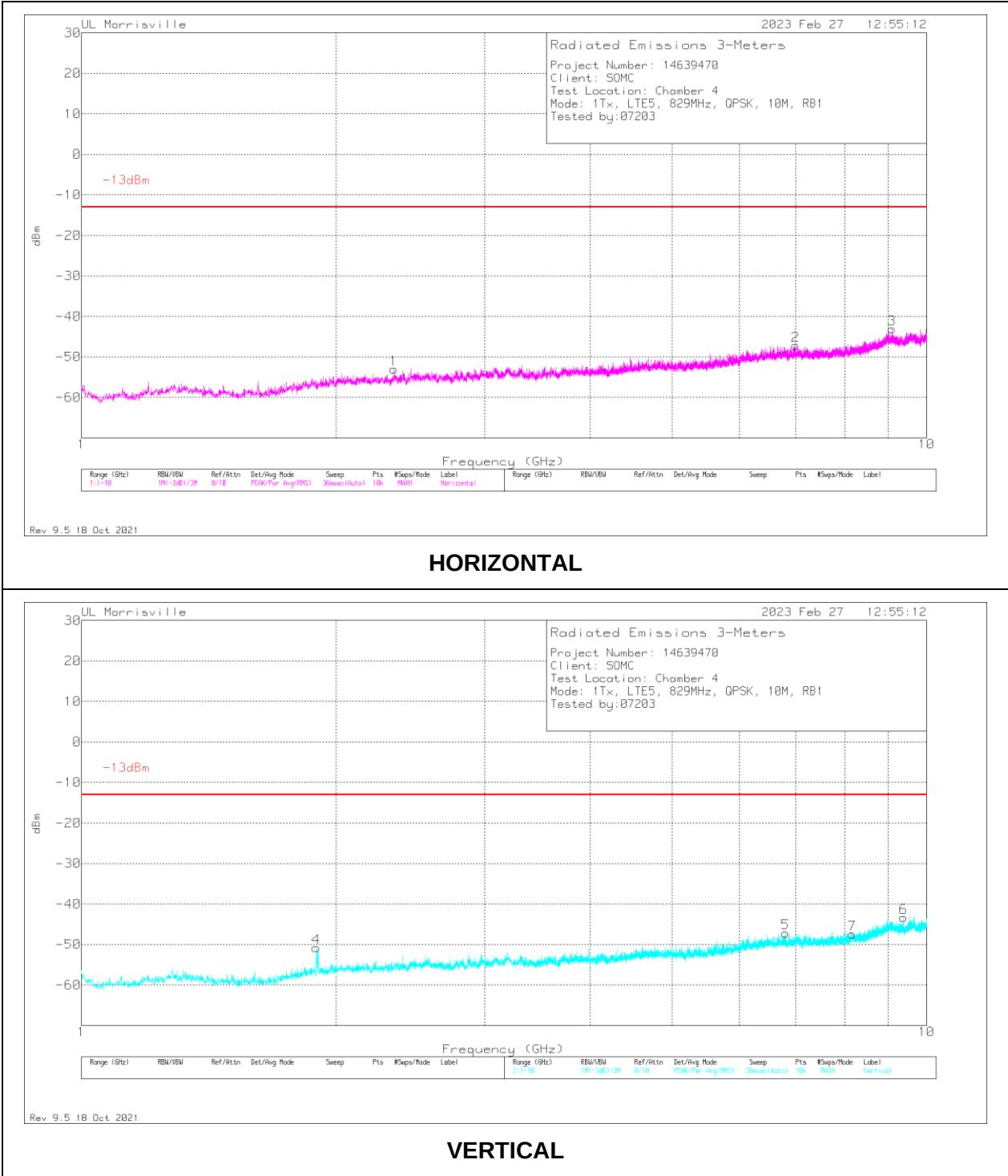
Pk - Peak detector

DL – Downlink from Callbox

11.1.7. LTE5

Test Engineer ID:	07203	Test Date:	2023-02-27	Sample Used:	QV77003JFR
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QPSK LOW CHANNEL

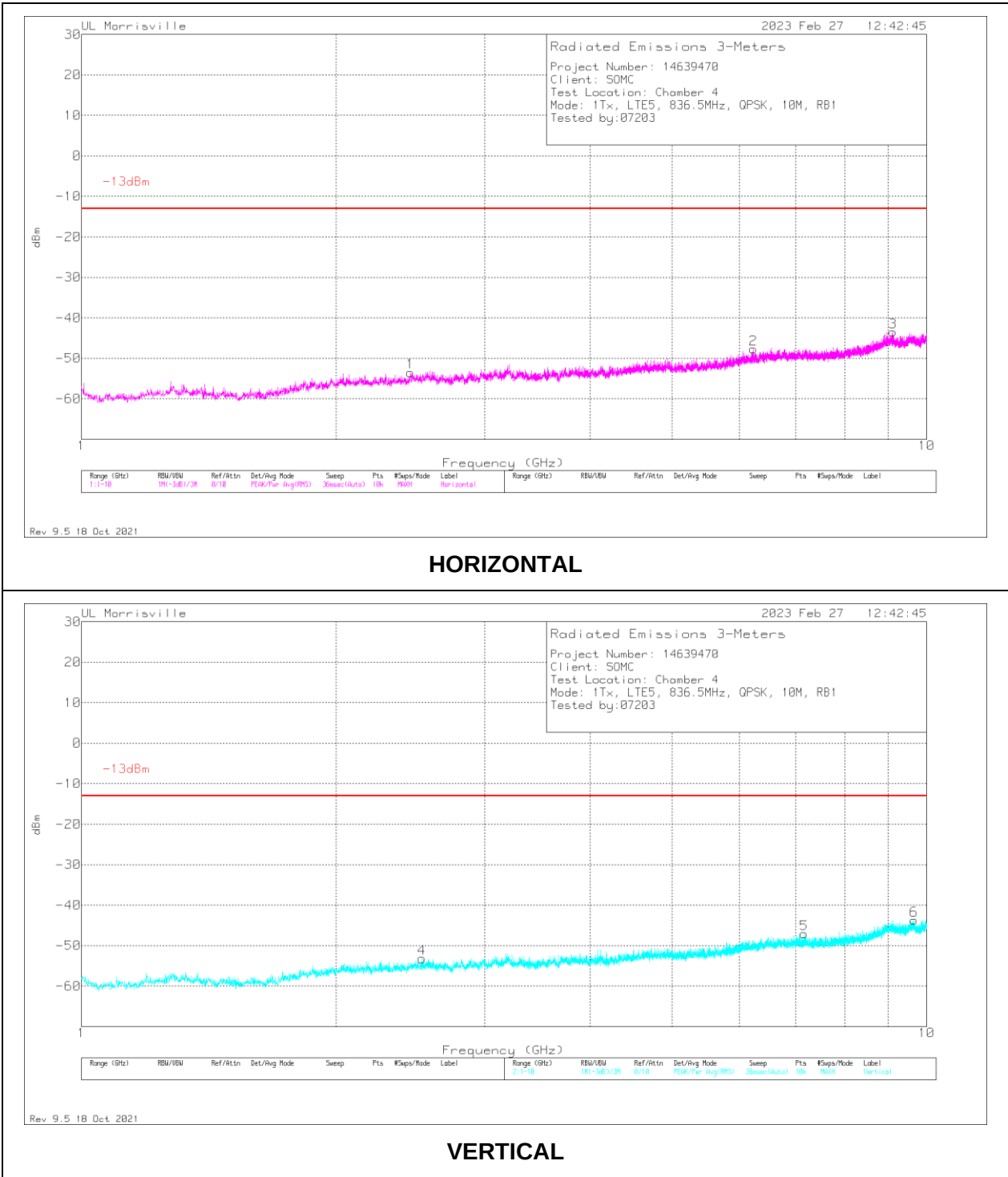


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8955	-57.76	Pk	31.2	-36.4	.4	11.8	-50.76	-13	-37.76	0-360	200	V
1	2.3428	-60.99	Pk	32.1	-36.3	.4	11.8	-52.99	-13	-39.99	0-360	100	H
5	6.8068	-66.33	Pk	35.6	-28.9	.7	11.8	-47.13	-13	-34.13	0-360	200	V
2	6.9958	-66.27	Pk	35.7	-28.9	.5	11.8	-47.17	-13	-34.17	0-360	100	H
7	8.1712	-67.35	Pk	35.7	-28	.4	11.8	-47.45	-13	-34.45	0-360	300	V
3	9.0973	-65.05	Pk	36.2	-26.7	.7	11.8	-43.05	-13	-30.05	0-360	100	H
6	9.3889	-65.89	Pk	36.5	-26.4	.7	11.8	-43.29	-13	-30.29	0-360	300	V

Pk - Peak detector

QPSK MID CHANNEL

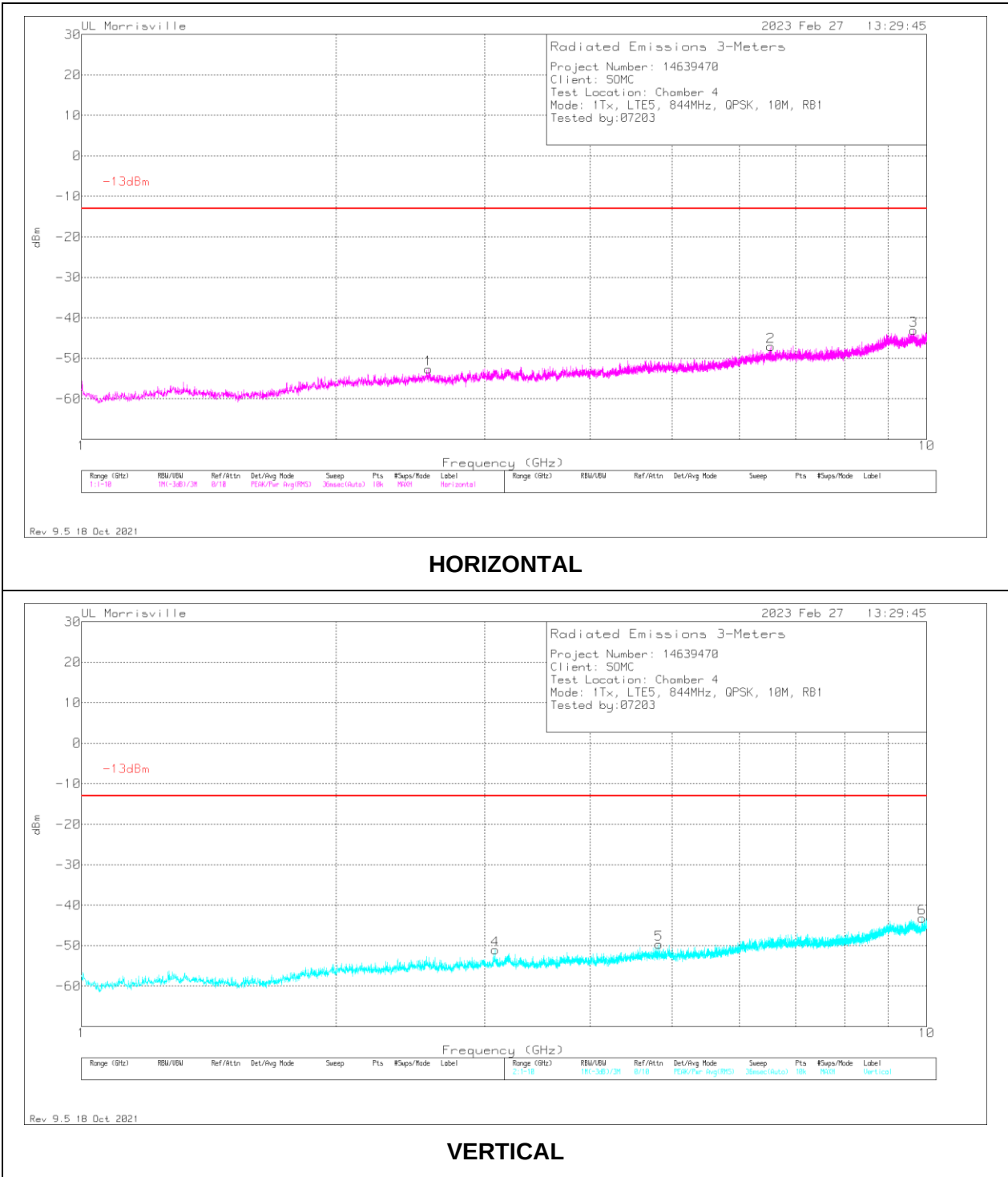


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.449	-61.86	Pk	32.3	-36.1	.4	11.8	-53.46	-13	-40.46	0-360	100	H
4	2.5291	-62.01	Pk	32.7	-36.1	.4	11.8	-53.21	-13	-40.21	0-360	300	V
2	6.2389	-66.1	Pk	35.5	-29.7	.8	11.8	-47.7	-13	-34.7	0-360	100	H
5	7.1632	-66.32	Pk	35.7	-28.8	.6	11.8	-47.02	-13	-34.02	0-360	200	V
3	9.1207	-65.59	Pk	36.2	-26.5	.6	11.8	-43.49	-13	-30.49	0-360	100	H
6	9.6634	-66.49	Pk	36.7	-26.5	.8	11.8	-43.69	-13	-30.69	0-360	200	V

Pk - Peak detector

QPSK HIGH CHANNEL

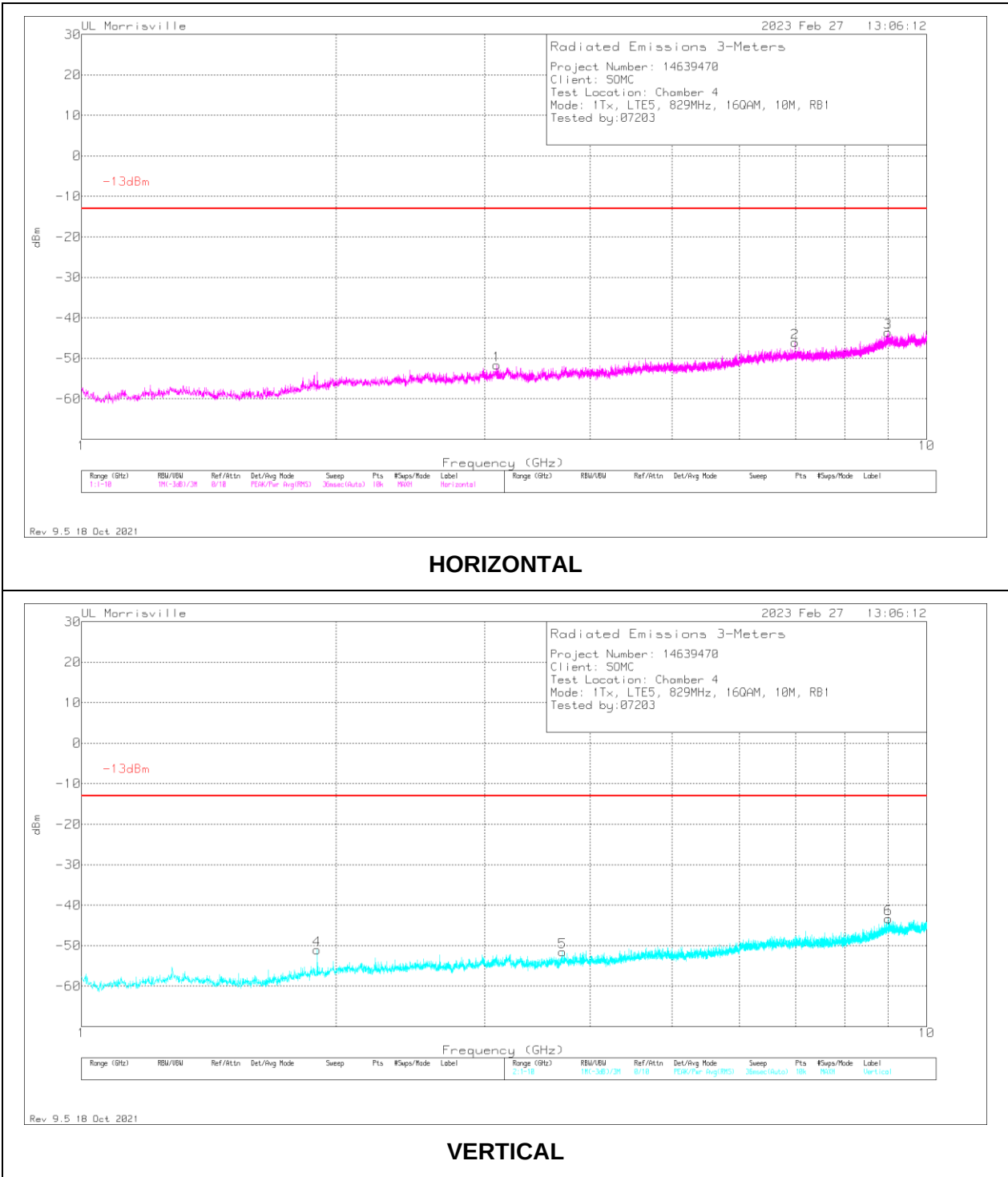


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.575	-61.5	Pk	32.7	-36.1	.4	11.8	-52.7	-13	-39.7	0-360	200	H
4	3.0871	-61.03	Pk	33.1	-35.6	.7	11.8	-51.03	-13	-38.03	0-360	200	V
5	4.8214	-63.63	Pk	34.1	-32.2	.3	11.8	-49.63	-13	-36.63	0-360	200	V
2	6.5386	-66.01	Pk	35.6	-29.2	.7	11.8	-47.11	-13	-34.11	0-360	100	H
3	9.6535	-65.97	Pk	36.7	-26.4	.8	11.8	-43.07	-13	-30.07	0-360	100	H
6	9.8749	-66.32	Pk	36.9	-26.4	.8	11.8	-43.22	-13	-30.22	0-360	300	V

Pk - Peak detector

16QAM LOW CHANNEL



UL Morrisville

2023 Feb 27 13:06:12

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SOMC

Test Location: Chamber 4

Mode: 1Tx, LTE5, 829MHz, 16QAM, 10M, RB1

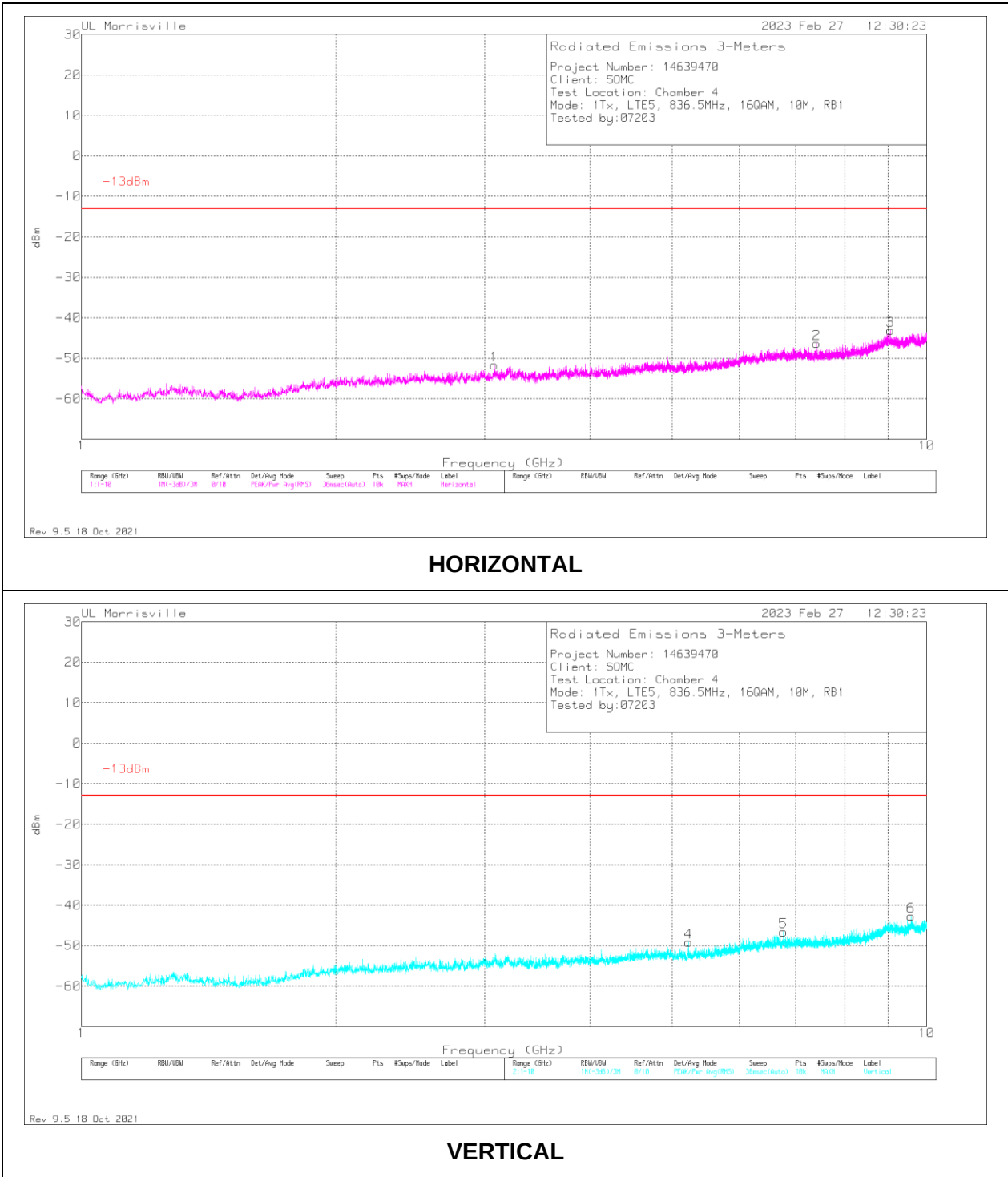
Tested by:07203

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.9	-58.19	Pk	31.2	-36.3	.4	11.8	-51.09	-13	-38.09	0-360	200	V
1	3.0988	-61.57	Pk	33.1	-35.6	.6	11.8	-51.67	-13	-38.67	0-360	100	H
5	3.7063	-63.2	Pk	33.3	-33.9	.5	11.8	-51.5	-13	-38.5	0-360	200	V
2	6.9904	-65.23	Pk	35.7	-28.9	.5	11.8	-46.13	-13	-33.13	0-360	100	H
3	8.9992	-65.79	Pk	36.1	-26.2	.5	11.8	-43.59	-13	-30.59	0-360	100	H
6	9.0127	-65.52	Pk	36.1	-26.1	.4	11.8	-43.32	-13	-30.32	0-360	300	V

Pk - Peak detector

16QAM MID CHANNEL



UL Morrisville

2023 Feb 27 12:30:23

Radiated Emissions 3-Meters

Project Number: 14639470

Client: SOMC

Test Location: Chamber 4

Mode: 1Tx, LTE5, 836.5MHz, 16QAM, 10M, RB1

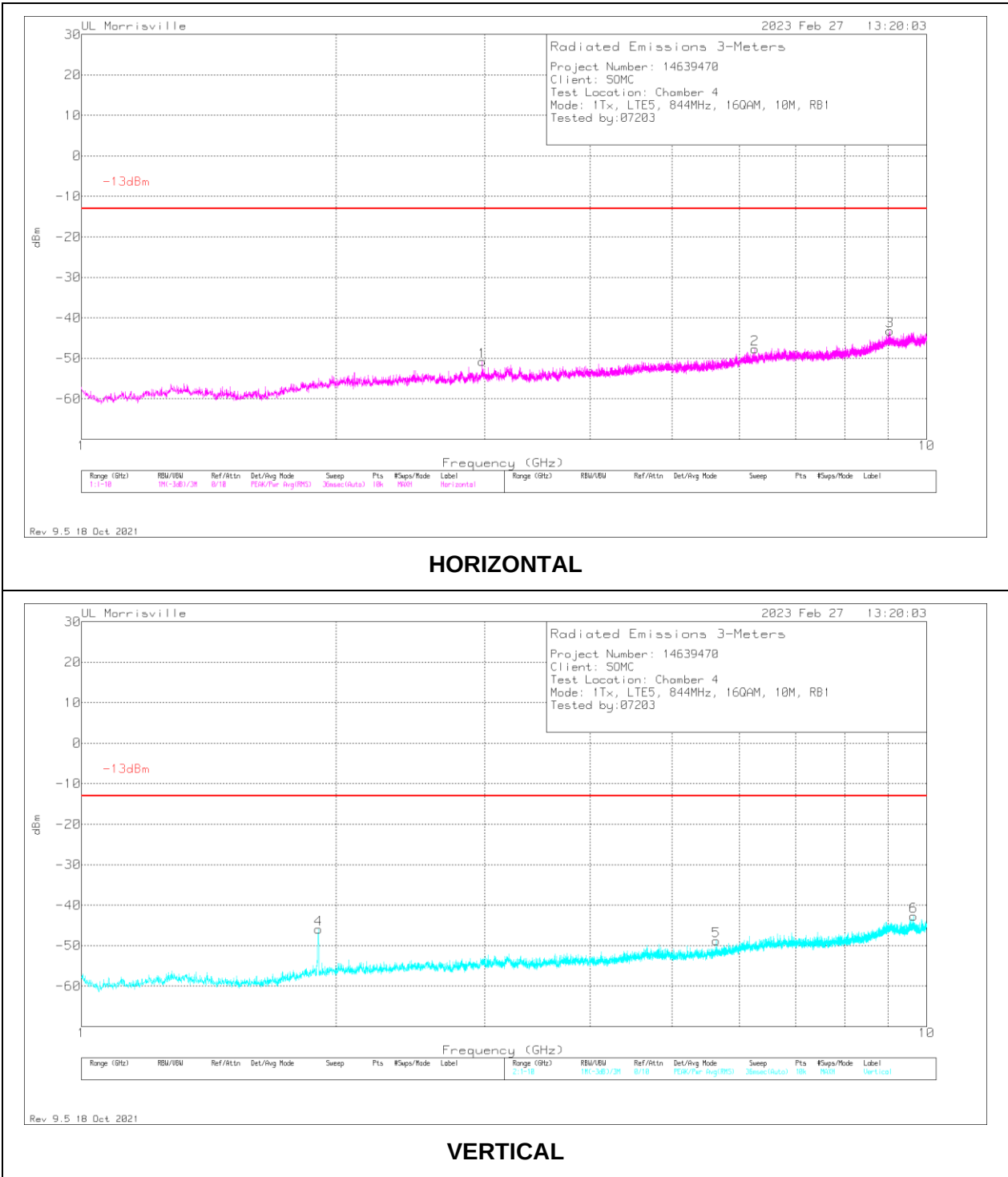
Tested by:07203

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.079	-61.79	Pk	33.1	-35.5	.7	11.8	-51.69	-13	-38.69	0-360	100	H
4	5.2246	-63.45	Pk	34.2	-32.1	.4	11.8	-49.15	-13	-36.15	0-360	300	V
5	6.7744	-65.23	Pk	35.6	-29.5	.7	11.8	-46.63	-13	-33.63	0-360	300	V
2	7.4116	-65.37	Pk	35.6	-28.9	.5	11.8	-46.37	-13	-33.37	0-360	100	H
3	9.0631	-65.1	Pk	36.1	-26.5	.6	11.8	-43.1	-13	-30.1	0-360	100	H
6	9.5896	-65.64	Pk	36.7	-26.3	.7	11.8	-42.74	-13	-29.74	0-360	300	V

Pk - Peak detector

16QAM HIGH CHANNEL



RADIATED EMISSIONS

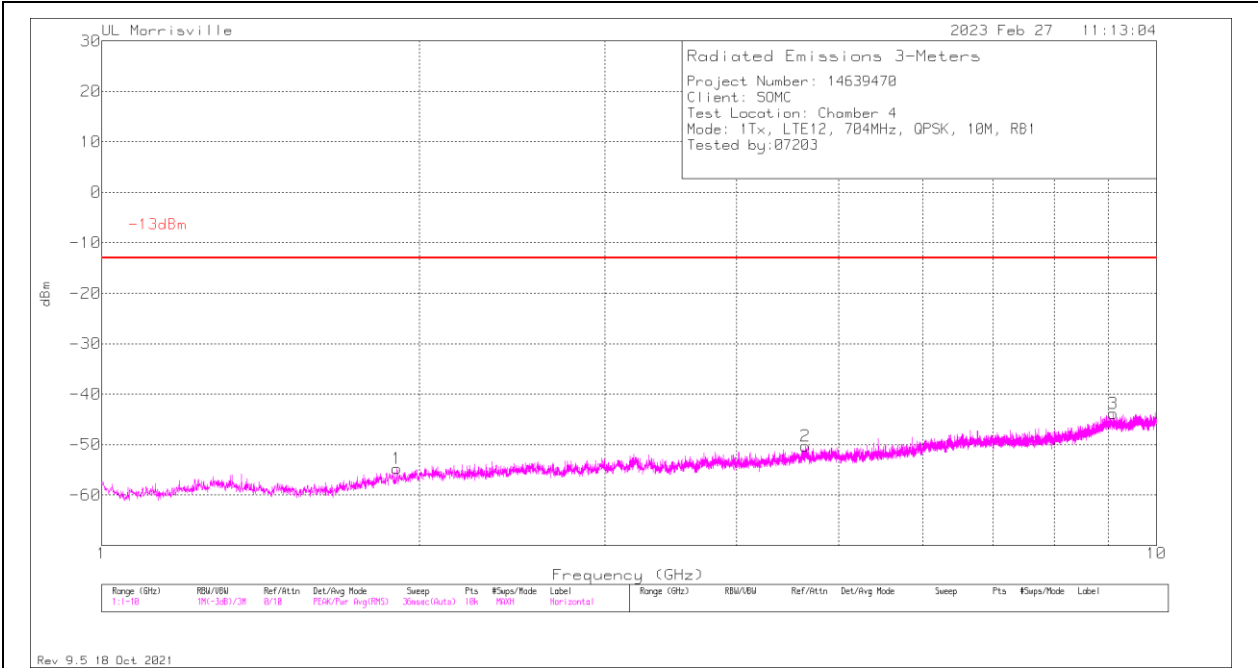
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.9081	-53.18	Pk	31.1	-36.1	.4	11.8	-45.98	-13	-32.98	0-360	300	V
1	2.9809	-60.26	Pk	32.9	-35.7	.5	11.8	-50.76	-13	-37.76	0-360	100	H
5	5.635	-64.21	Pk	34.8	-31.6	.4	11.8	-48.81	-13	-35.81	0-360	300	V
2	6.265	-65.74	Pk	35.5	-30	.7	11.8	-47.74	-13	-34.74	0-360	100	H
3	9.0514	-65.2	Pk	36.1	-26.5	.6	11.8	-43.2	-13	-30.2	0-360	200	H
6	9.6445	-65.69	Pk	36.7	-26.4	.9	11.8	-42.69	-13	-29.69	0-360	200	V

Pk - Peak detector

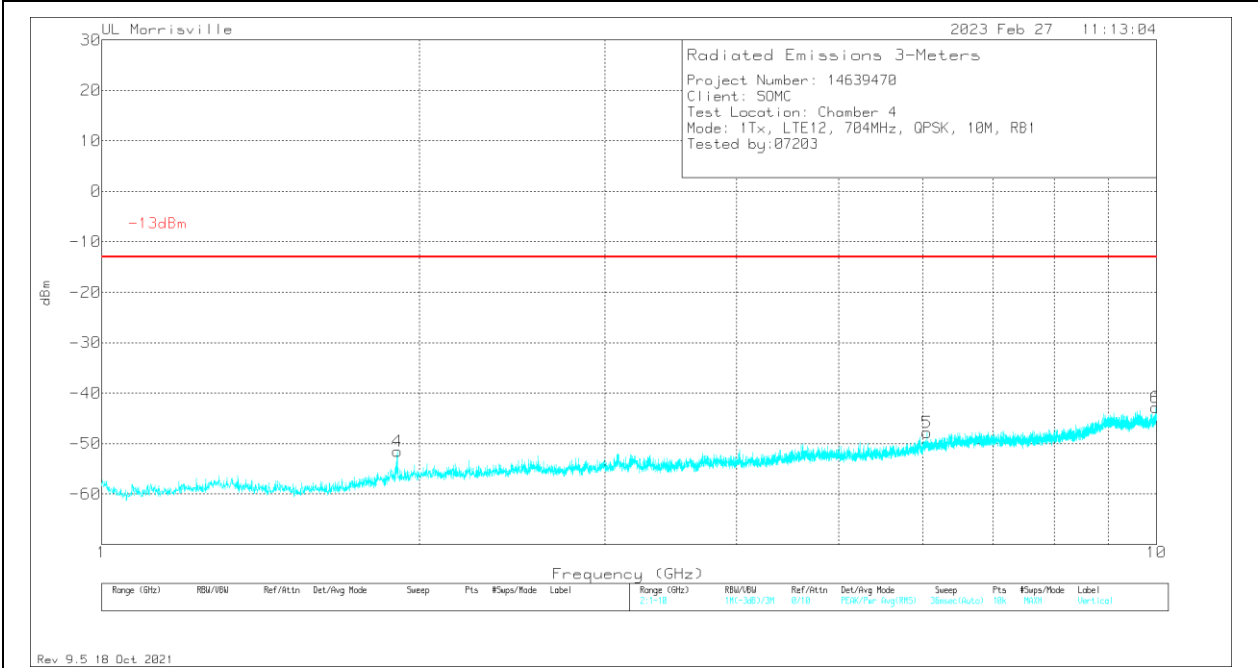
11.1.8. LTE12

Test Engineer ID:	07203	Test Date:	2023-02-27	Sample Used:	QV77003JFR
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QPSK LOW CHANNEL



HORIZONTAL



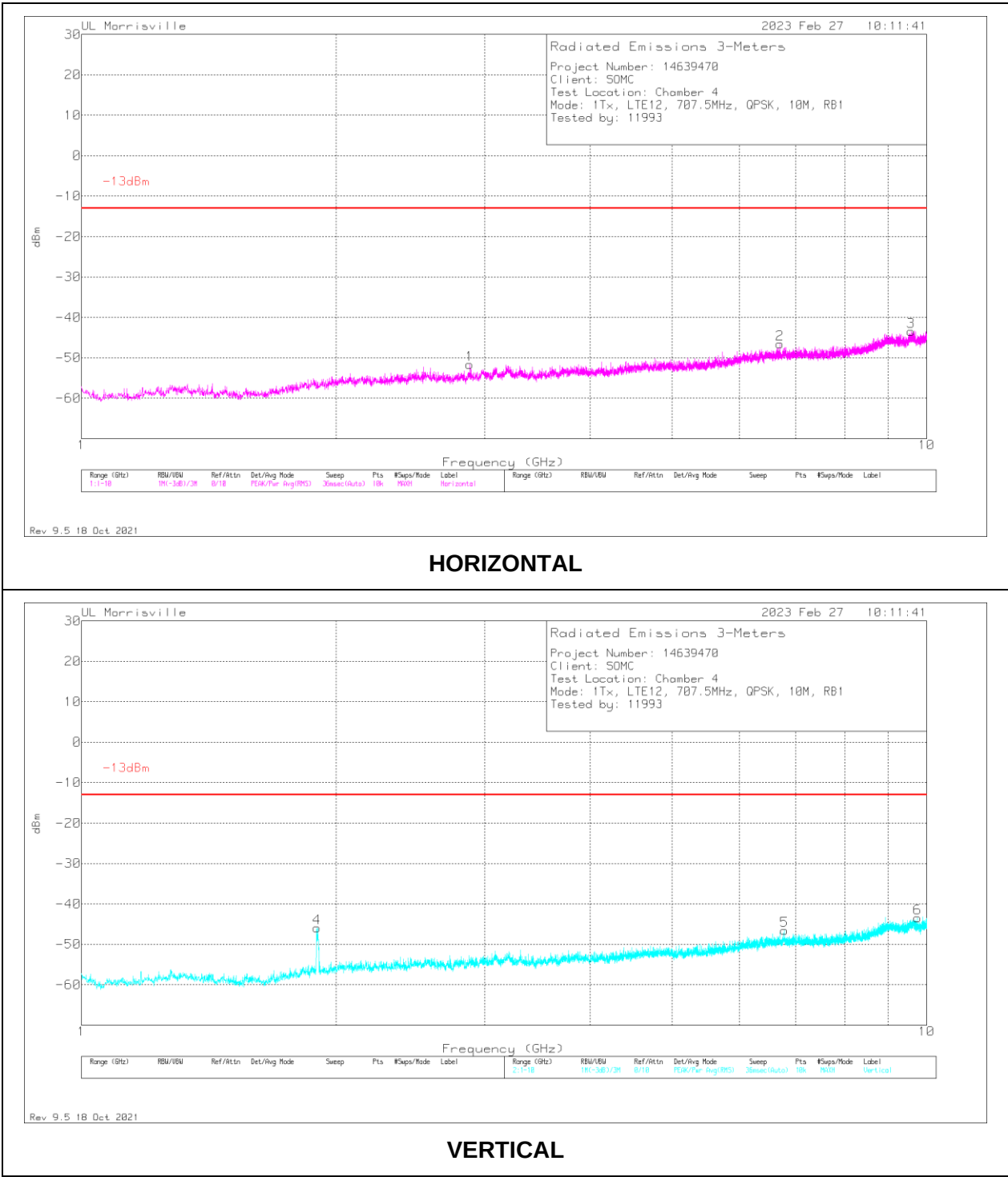
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.9054	-62.01	Pk	31.1	-36.1	.4	11.8	-54.81	-13	-41.81	0-360	100	H
4	1.9072	-58.79	Pk	31.1	-36.1	.4	11.8	-51.59	-13	-38.59	0-360	300	V
2	4.6504	-64.3	Pk	34	-32.2	.4	11.8	-50.3	-13	-37.3	0-360	100	H
5	6.0607	-65.34	Pk	35.3	-30.3	.7	11.8	-47.84	-13	-34.84	0-360	200	V
3	9.0982	-65.86	Pk	36.2	-26.7	.7	11.8	-43.86	-13	-30.86	0-360	200	H
6	9.9892	-65.71	Pk	37.1	-26.6	.6	11.8	-42.81	-13	-29.81	0-360	300	V

Pk - Peak detector

QPSK MID CHANNEL



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0067 (dB/m)	Gain/Loss (dB)	Filter (dB)	CF (dB)	Corrected Reading dBm	-13dBm	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.8982	-53	Pk	31.2	-36.4	.4	11.8	-46	-13	-33	0-360	300	V
1	2.8801	-60.8	Pk	32.7	-35.8	.4	11.8	-51.7	-13	-38.7	0-360	200	H
2	6.7096	-65.39	Pk	35.6	-29.1	.5	11.8	-46.59	-13	-33.59	0-360	200	H
5	6.787	-65.66	Pk	35.6	-29	.7	11.8	-46.56	-13	-33.56	0-360	200	V
3	9.5815	-66.39	Pk	36.7	-26.2	.6	11.8	-43.49	-13	-30.49	0-360	100	H
6	9.7516	-66.22	Pk	36.8	-26.7	.9	11.8	-43.42	-13	-30.42	0-360	300	V

Pk - Peak detector

QPSK HIGH CHANNEL

