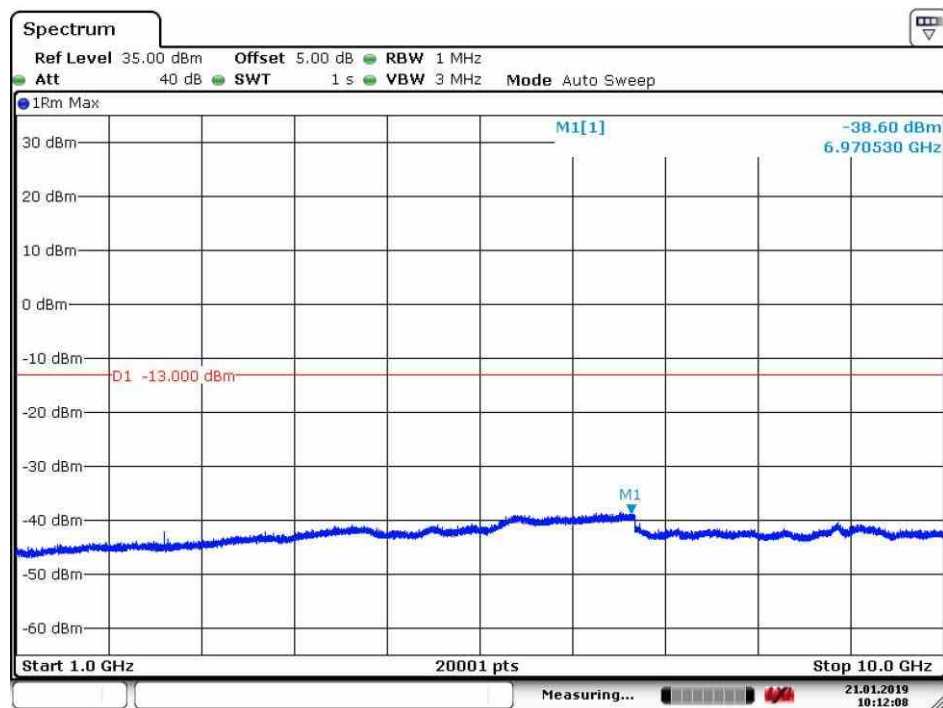
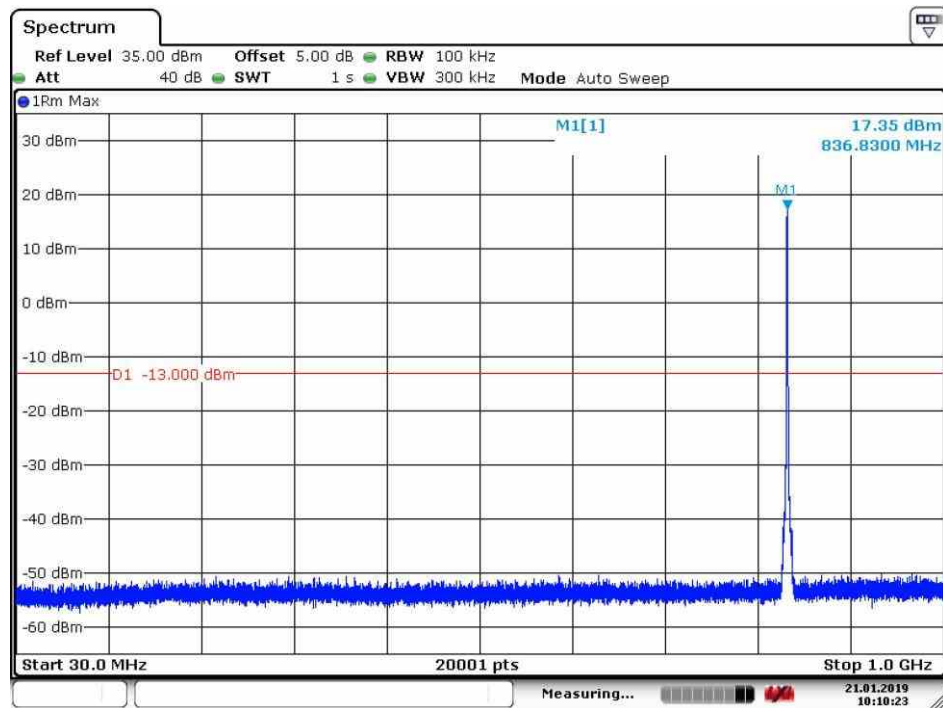


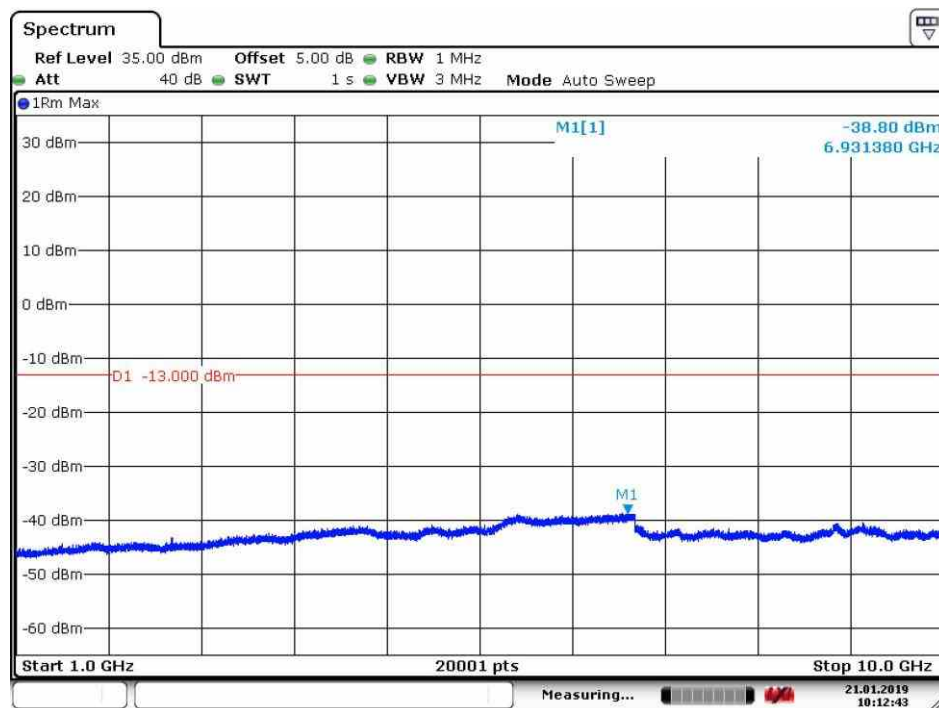


Date: 21.JAN.2019 10:12:09

6.1.1.1.2 Test Channel = MCH

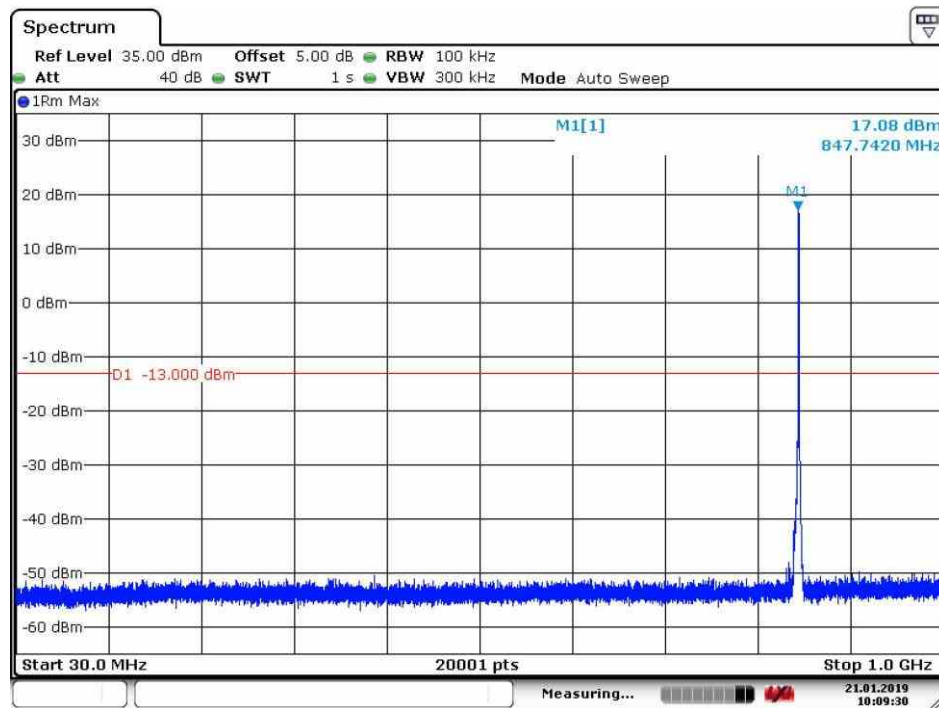


Date: 21.JAN.2019 10:10:23

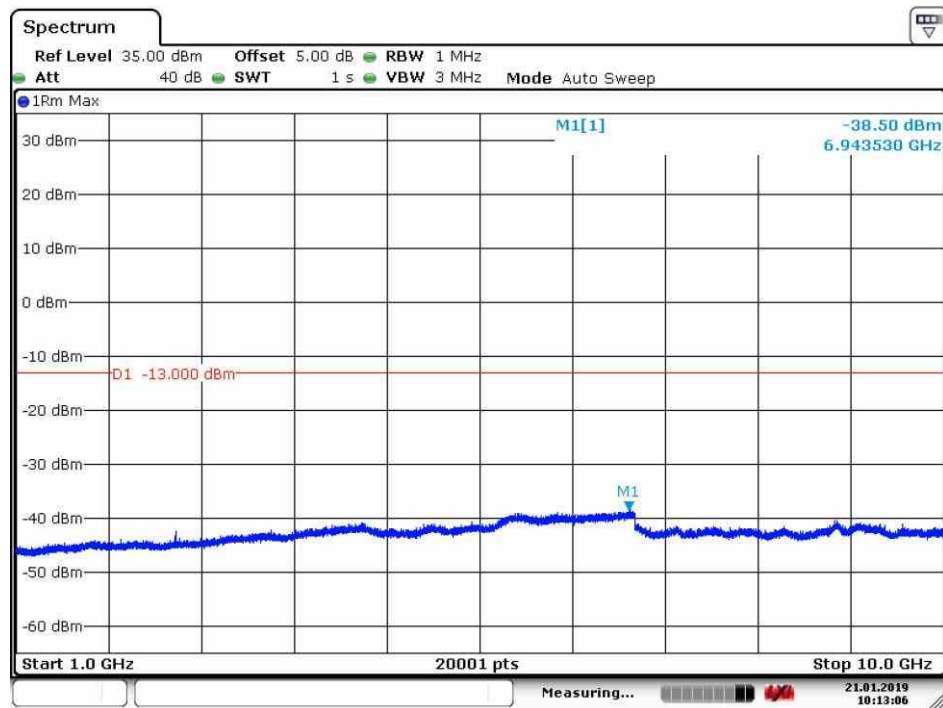


Date: 21.JAN.2019 10:12:43

6.1.1.1.3 Test Channel = HCH



Date: 21.JAN.2019 10:09:31

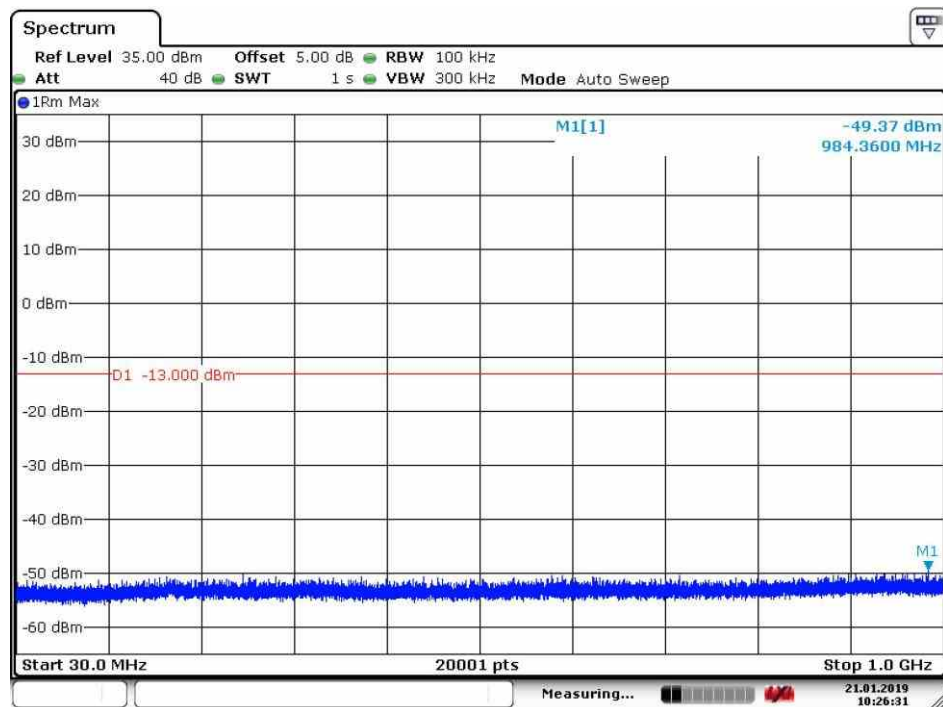


Date: 21.JAN.2019 10:13:07

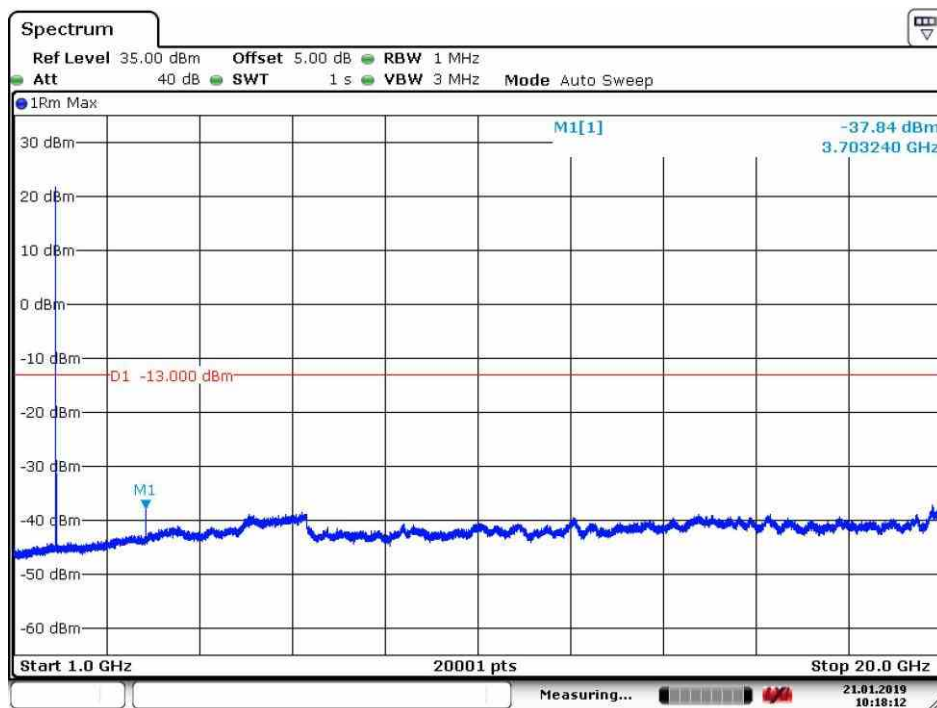
6.1.2 Test Band = CDMA BC1

6.1.2.1 Test Mode = CDMA /TM1

6.1.2.1.1 Test Channel = LCH

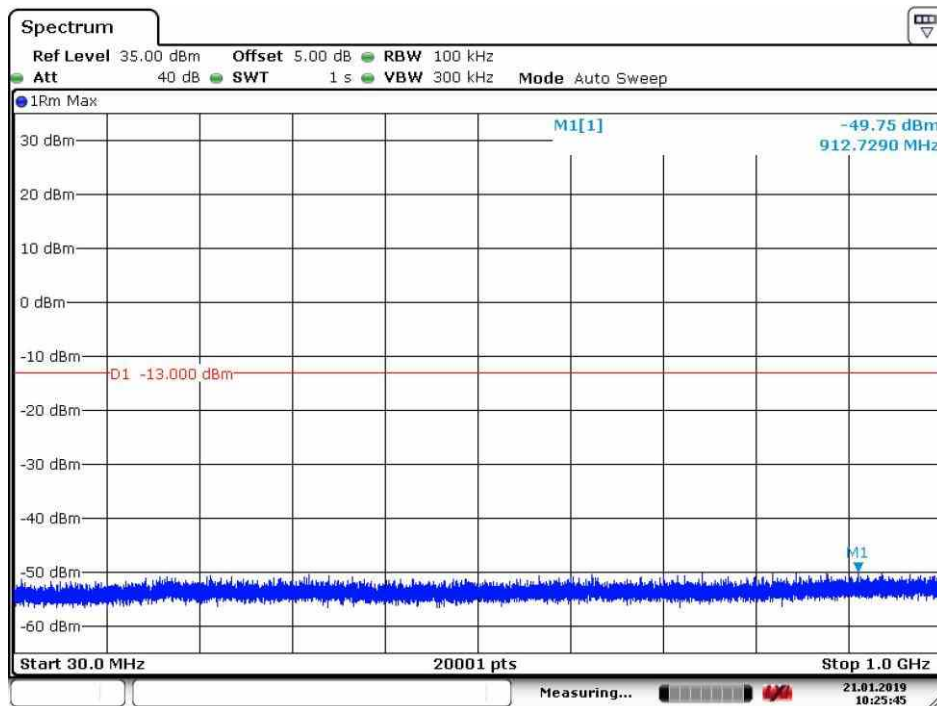


Date: 21.JAN.2019 10:26:32

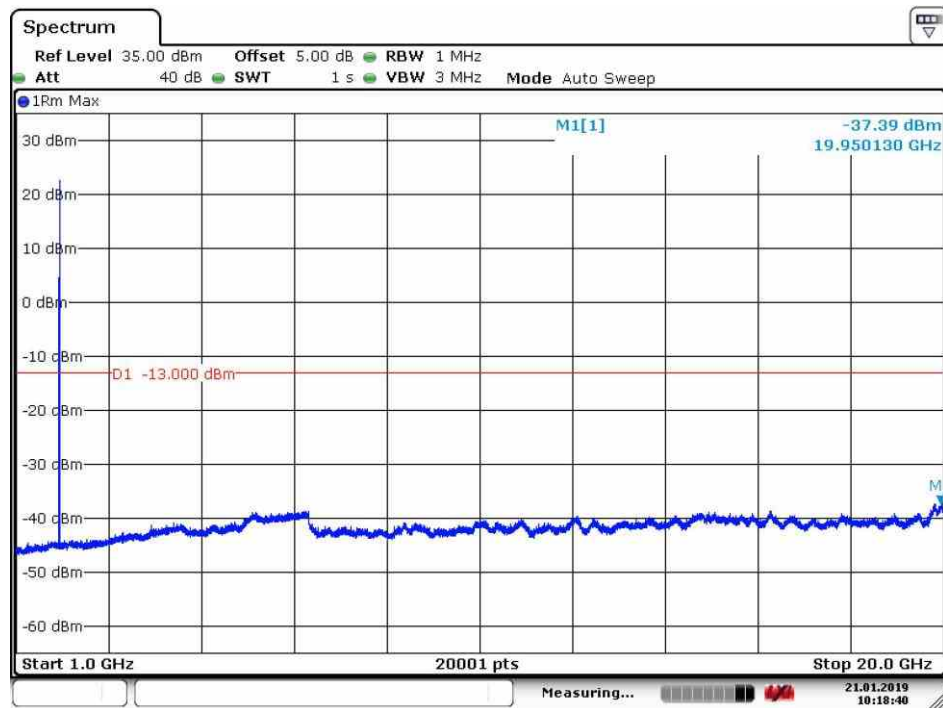


Date: 21.JAN.2019 10:18:13

6.1.2.1.2 Test Channel = MCH

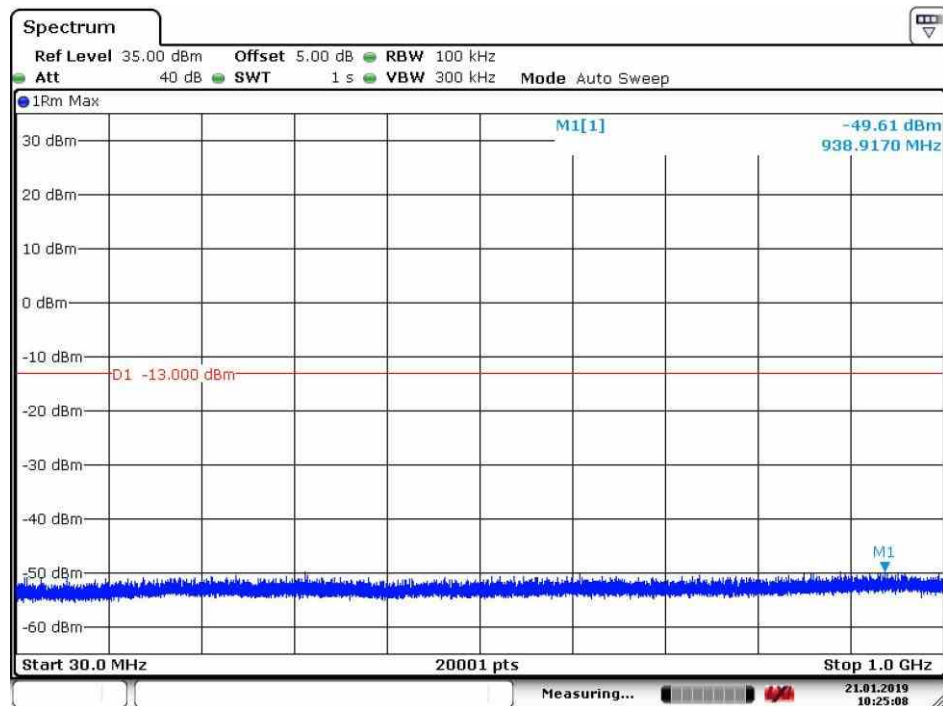


Date: 21.JAN.2019 10:25:45

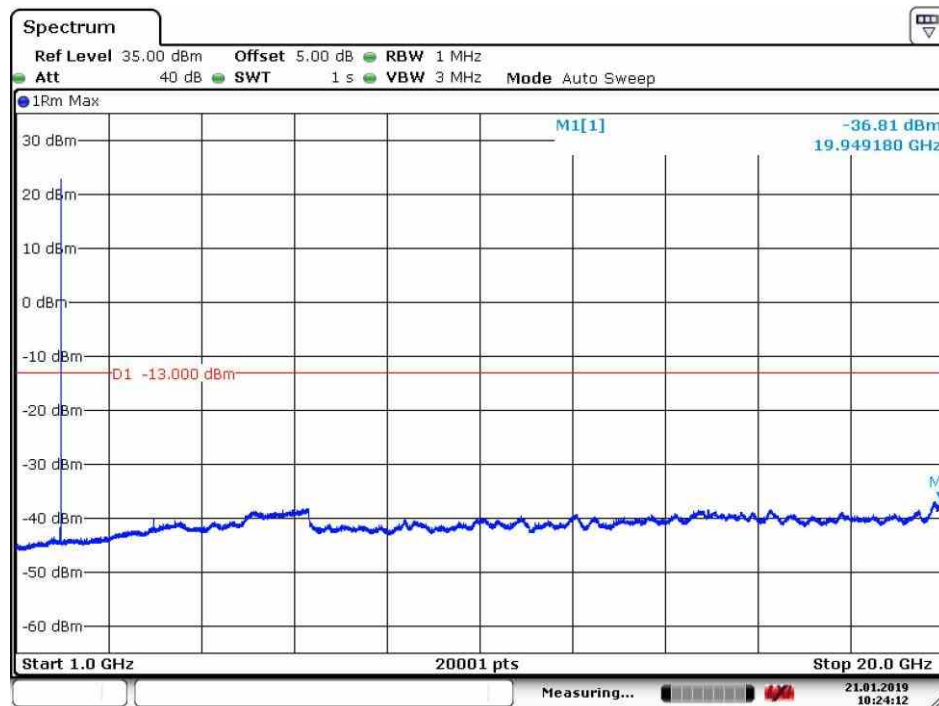


Date: 21.JAN.2019 10:18:40

6.1.2.1.3 Test Channel = HCH



Date: 21.JAN.2019 10:25:09

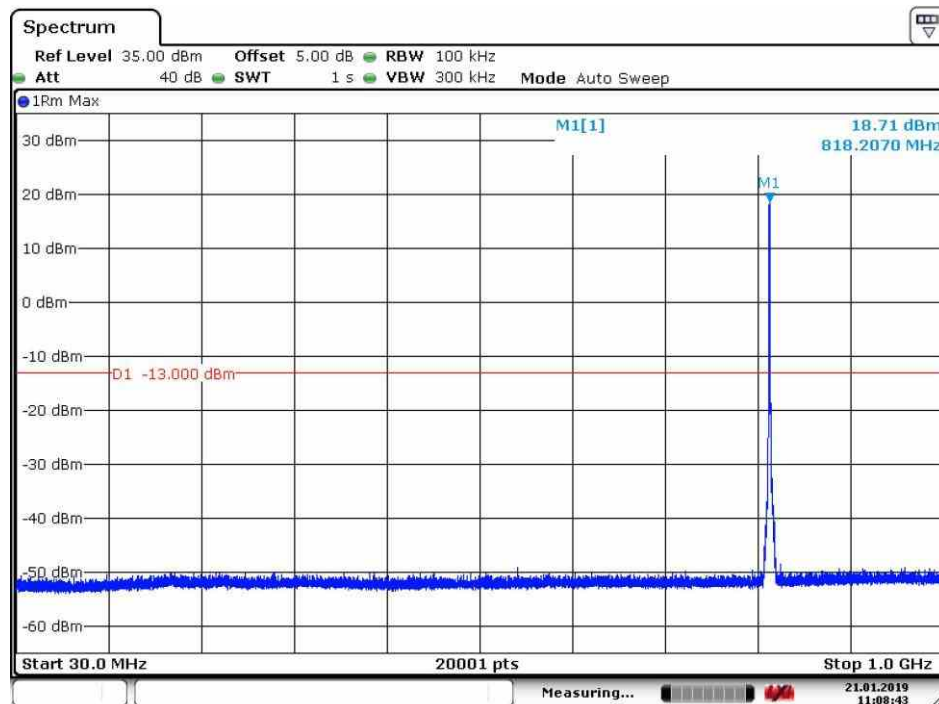


Date: 21.JAN.2019 10:24:13

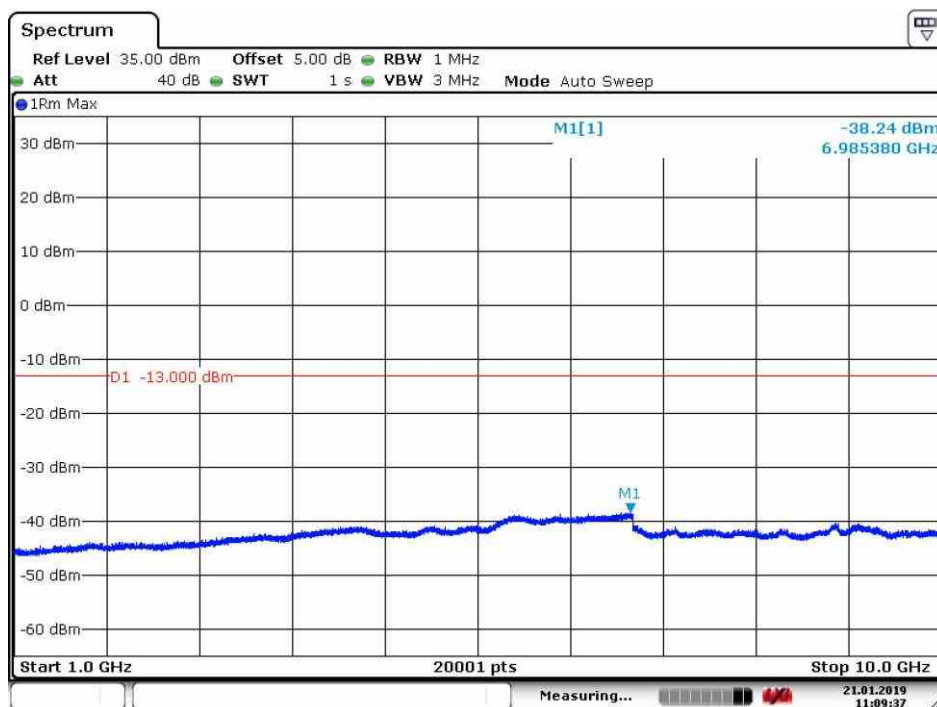
6.1.3 Test Band = CDMA BC10

6.1.3.1 Test Mode = CDMA /TM1

6.1.3.1.1 Test Channel = LCH

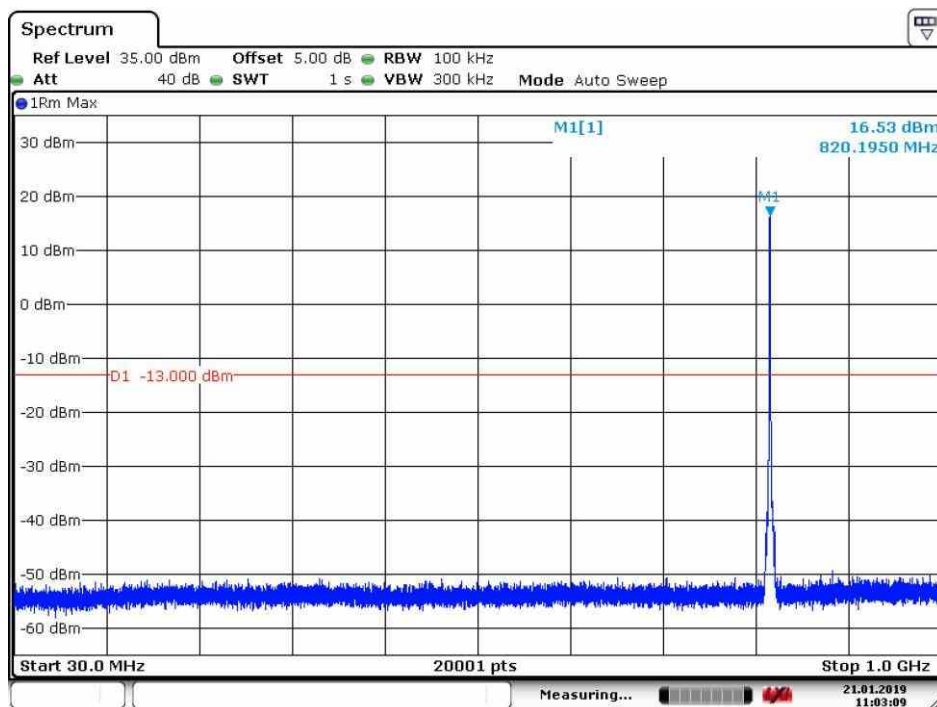


Date: 21.JAN.2019 11:08:43

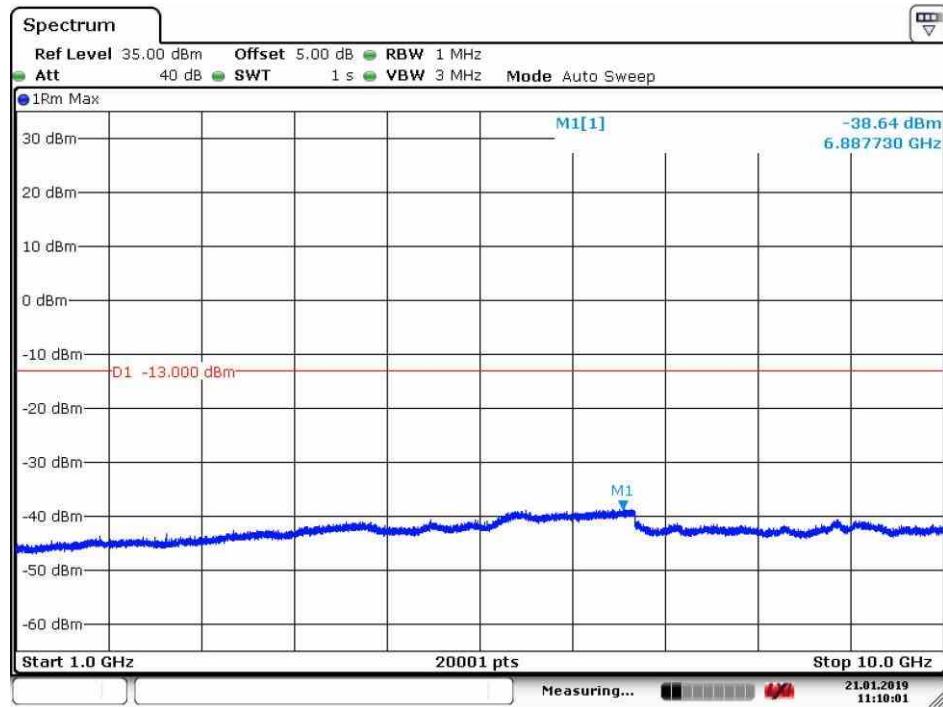


Date: 21.JAN.2019 11:09:37

6.1.3.1.2 Test Channel = MCH

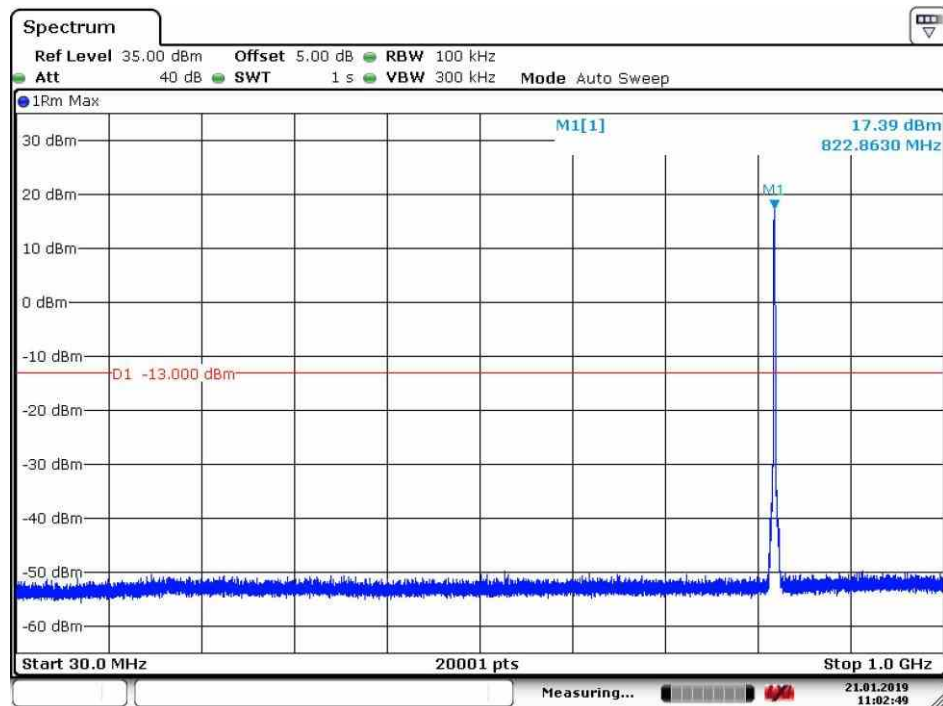


Date: 21.JAN.2019 11:03:10

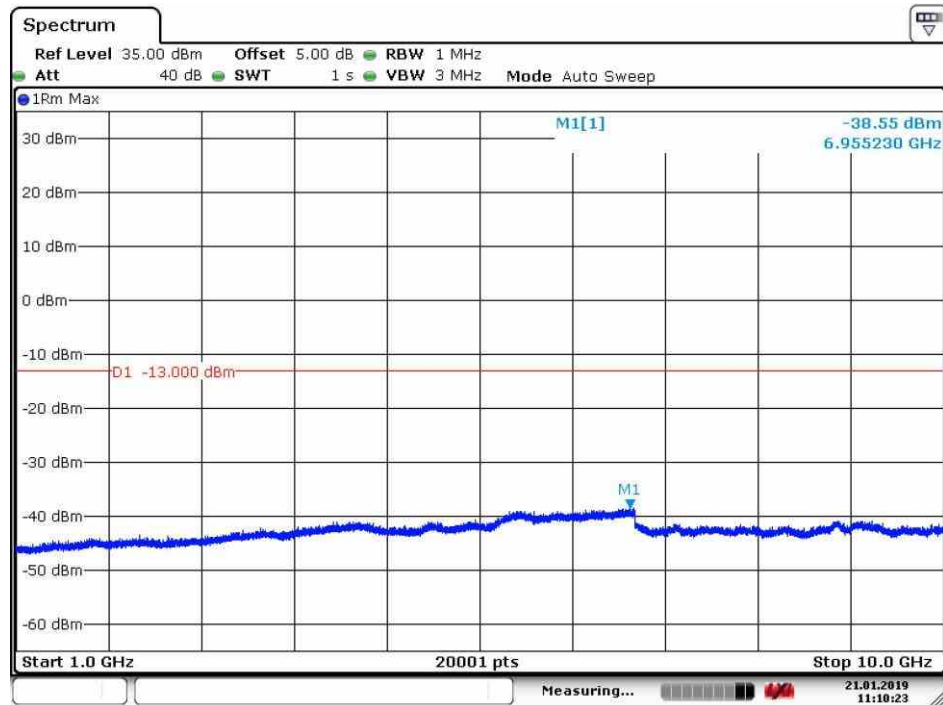


Date: 21.JAN.2019 11:10:02

6.1.3.1.3 Test Channel = HCH



Date: 21.JAN.2019 11:02:49



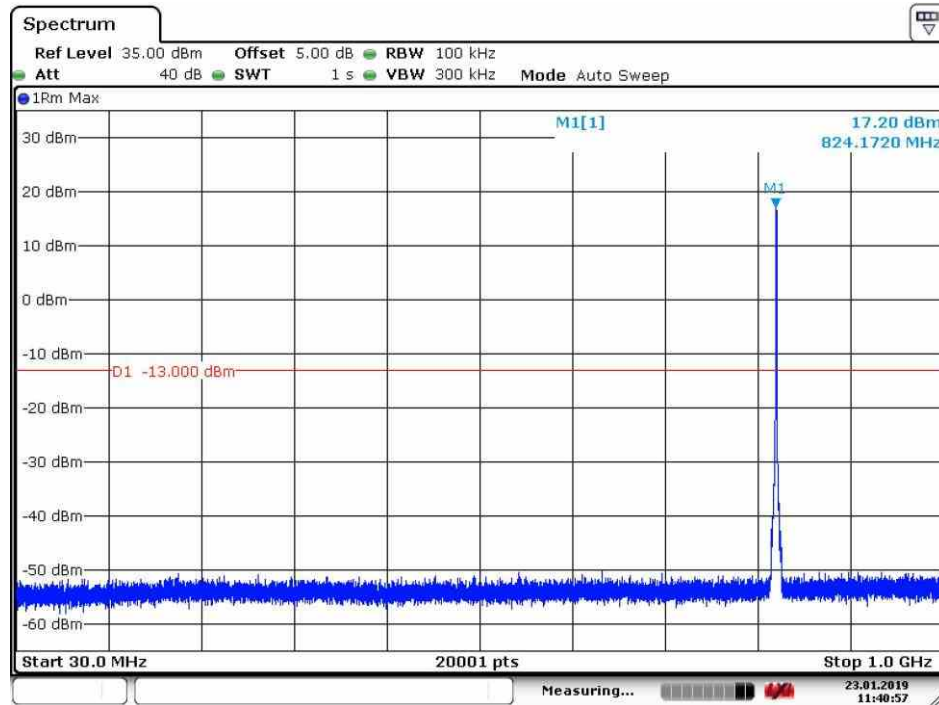
Date: 21.JAN.2019 11:10:24

6.2 For EVDO

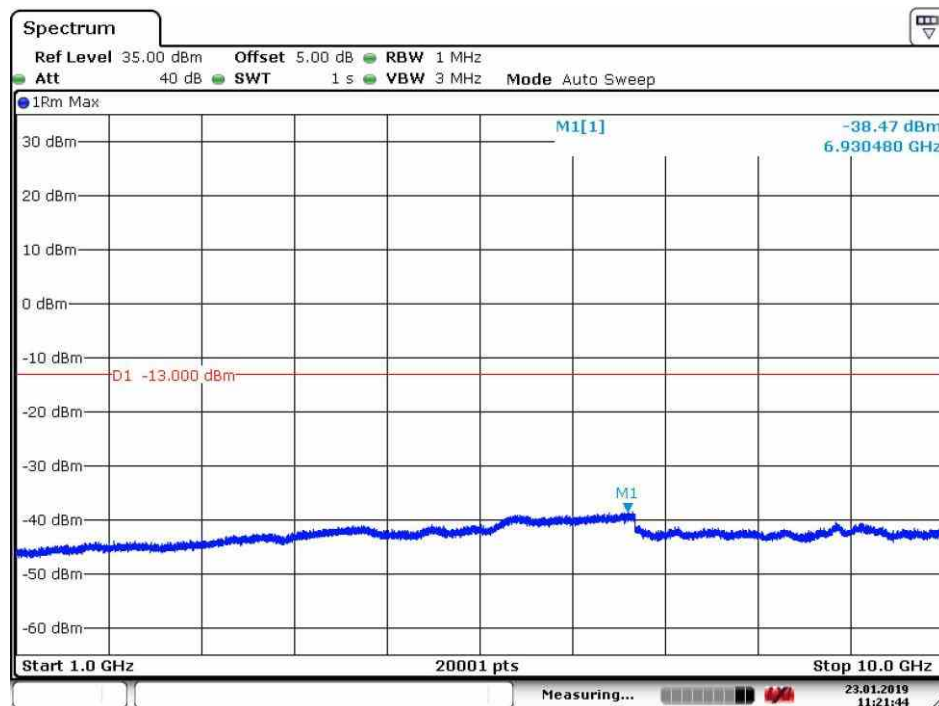
6.2.1 Test Band = EVDO BC0

6.2.1.1 Test Mode = EVDO /TM1

6.2.1.1.1 Test Channel = LCH

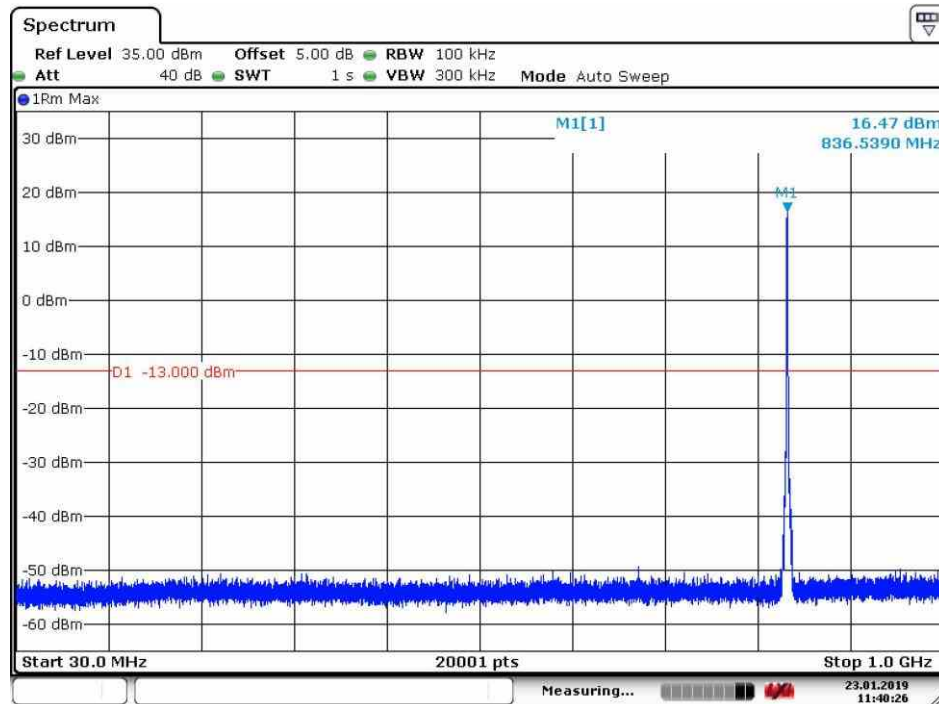


Date: 23.JAN.2019 11:40:57

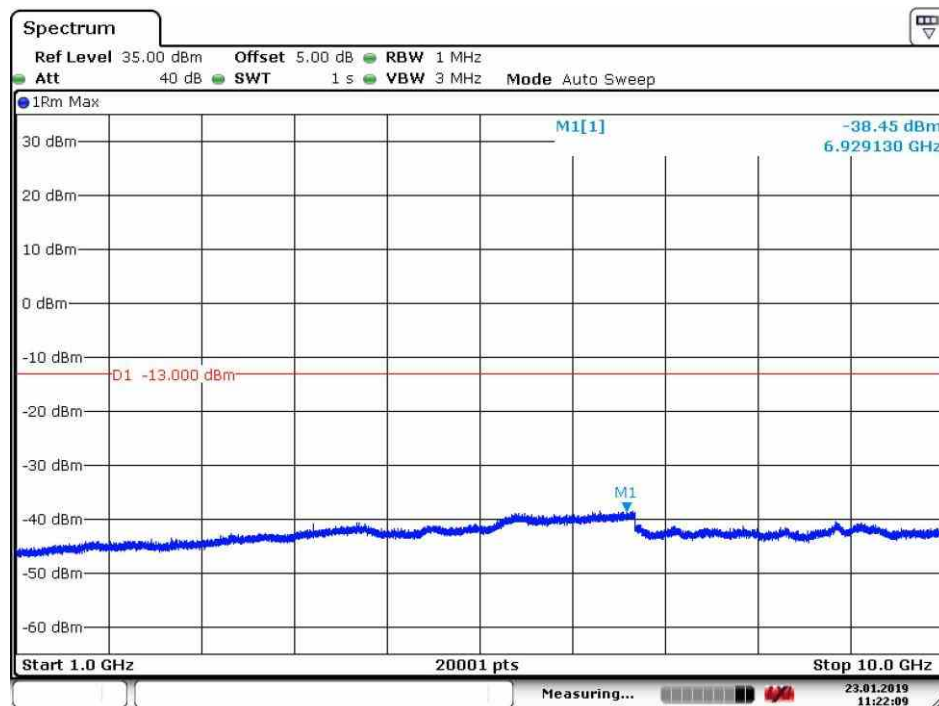


Date: 23.JAN.2019 11:21:45

6.2.1.1.2 Test Channel = MCH

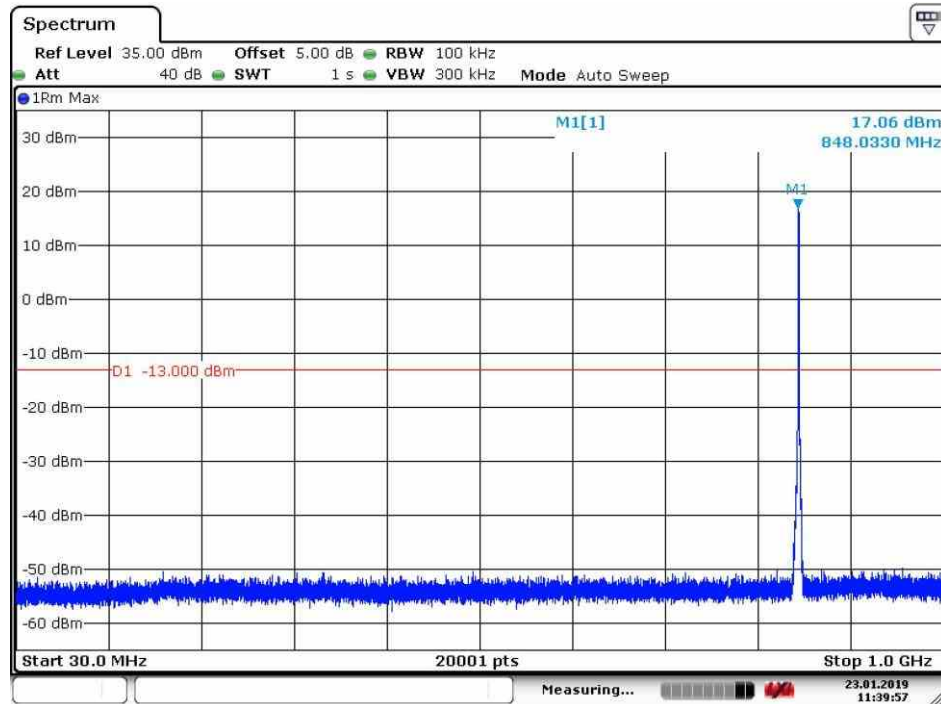


Date: 23.JAN.2019 11:40:27

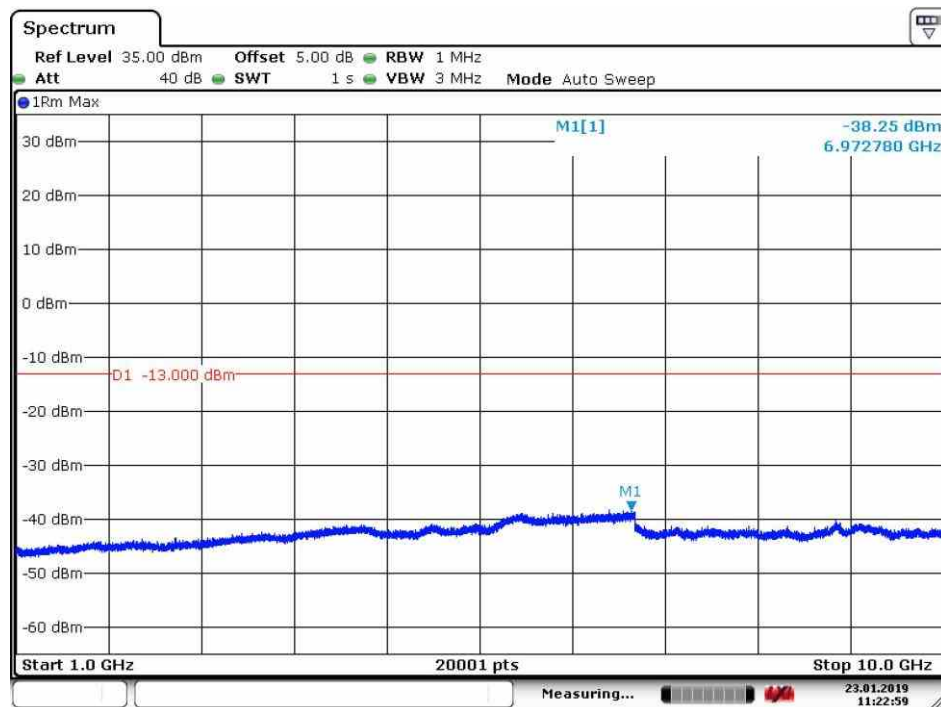


Date: 23.JAN.2019 11:22:08

6.2.1.1.3 Test Channel = HCH



Date: 23.JAN.2019 11:39:57

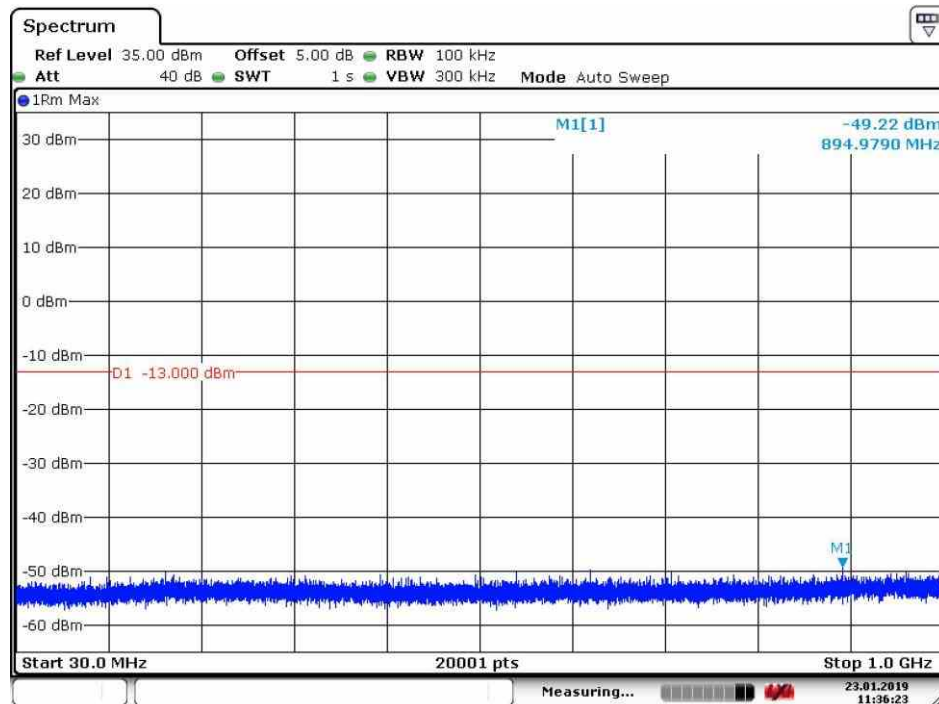


Date: 23.JAN.2019 11:22:59

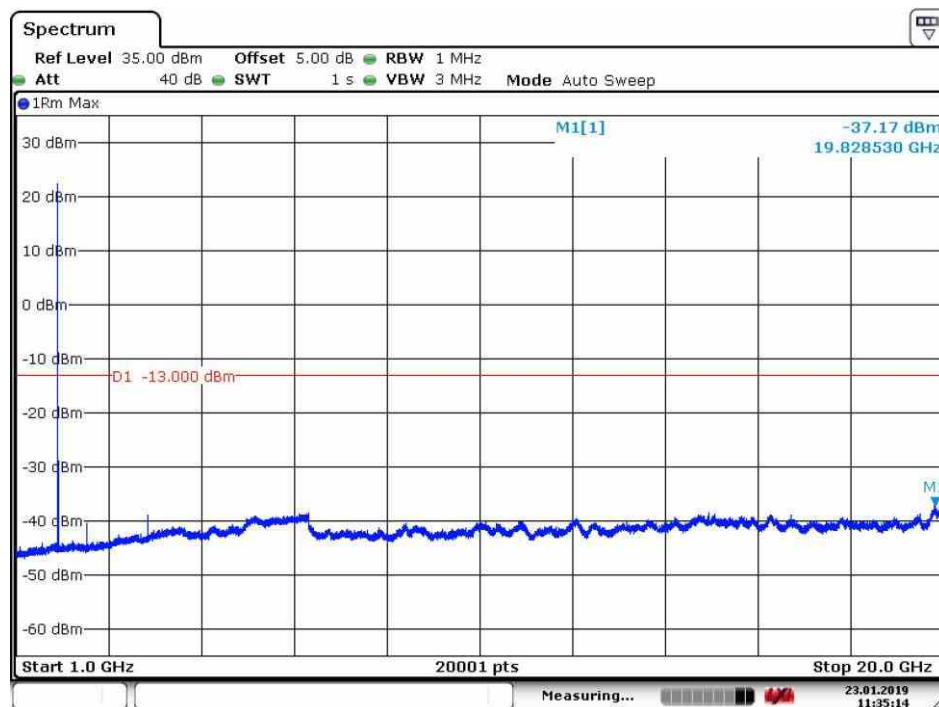
6.2.2 Test Band = EVDO BC1

6.2.2.1 Test Mode = EVDO /TM1

6.2.2.1.1 Test Channel = LCH

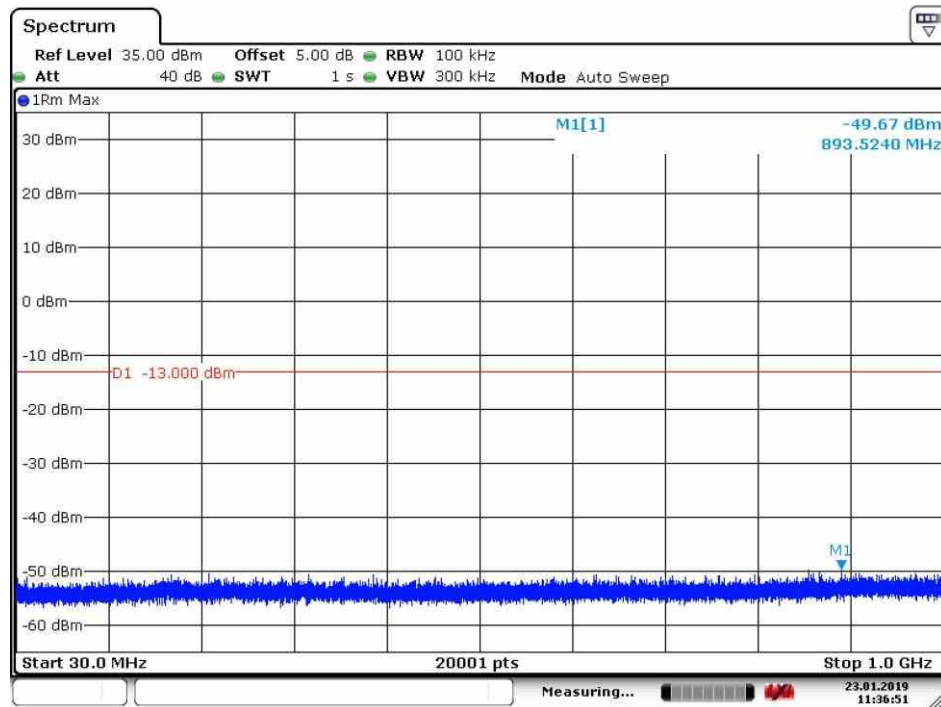


Date: 23.JAN.2019 11:36:23

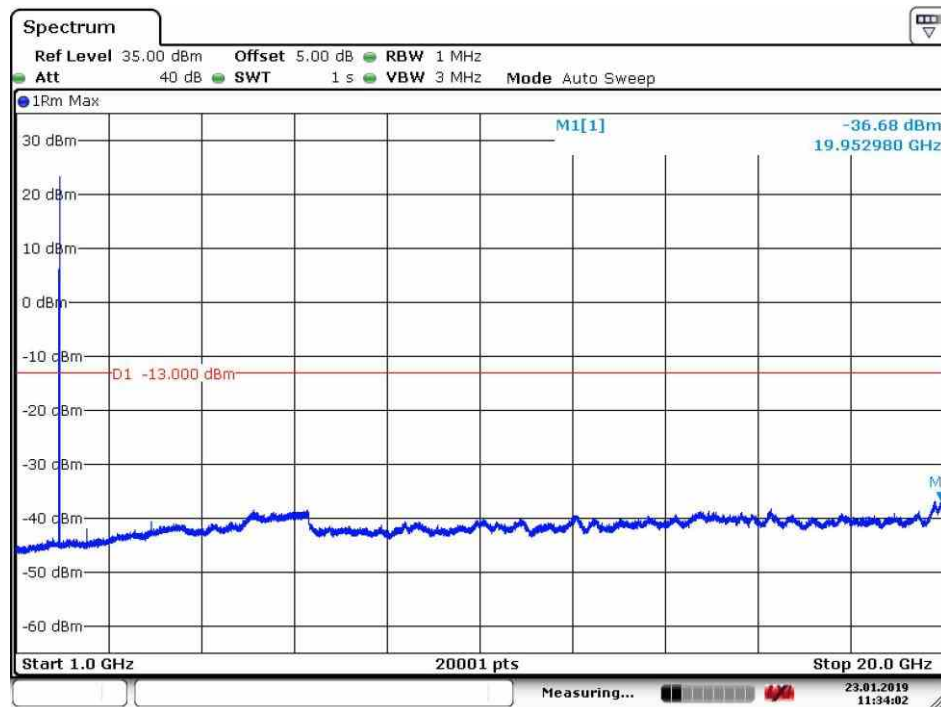


Date: 23.JAN.2019 11:35:14

6.2.2.1.2 Test Channel = MCH

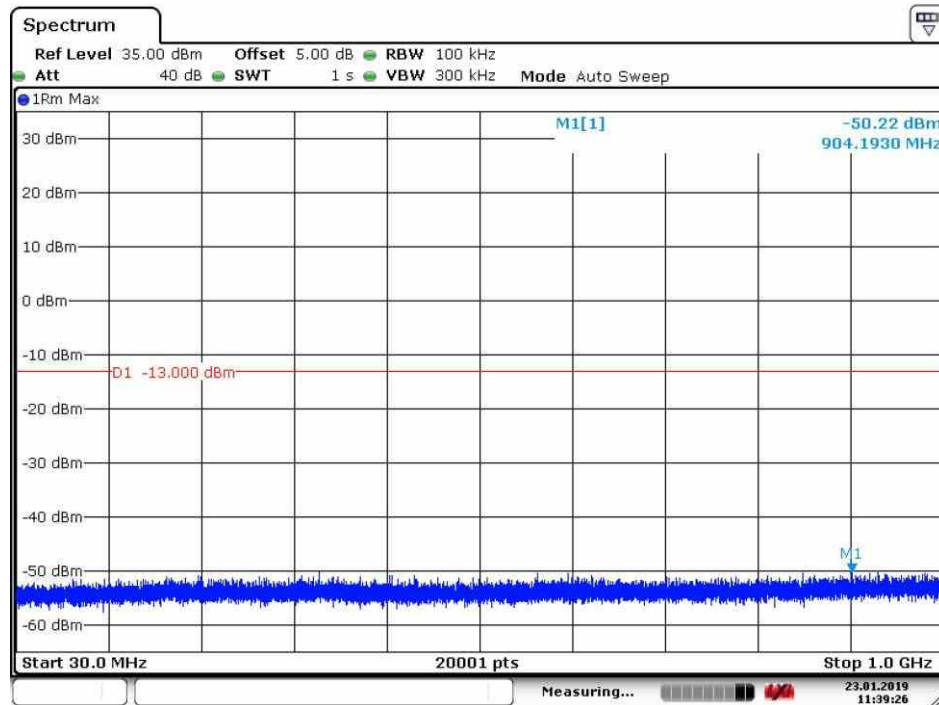


Date: 23.JAN.2019 11:36:51

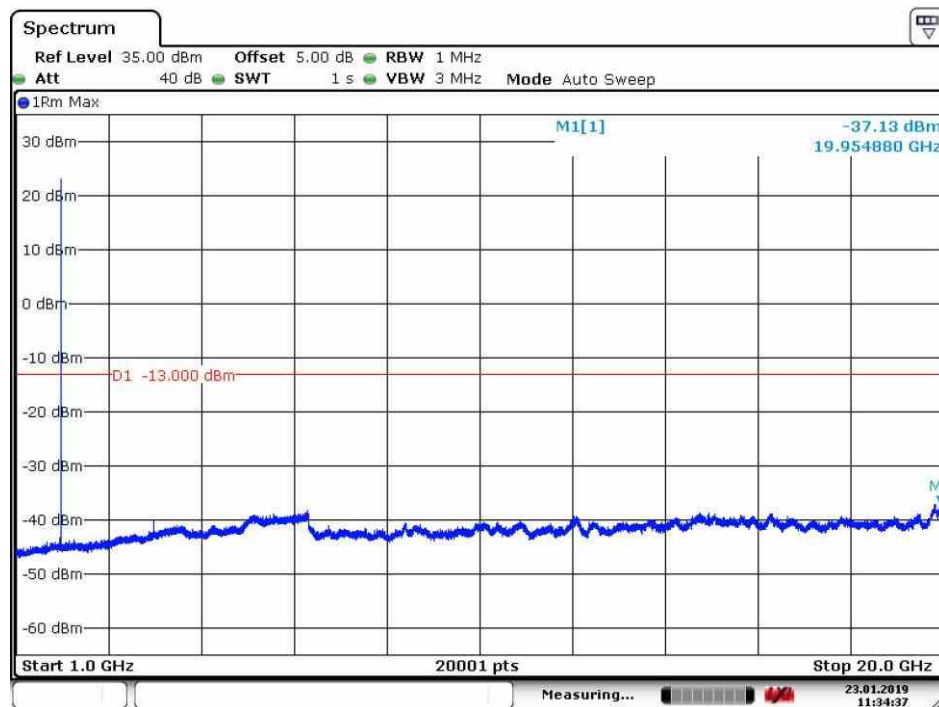


Date: 23.JAN.2019 11:34:02

6.2.2.1.3 Test Channel = HCH



Date: 23.JAN.2019 11:39:27

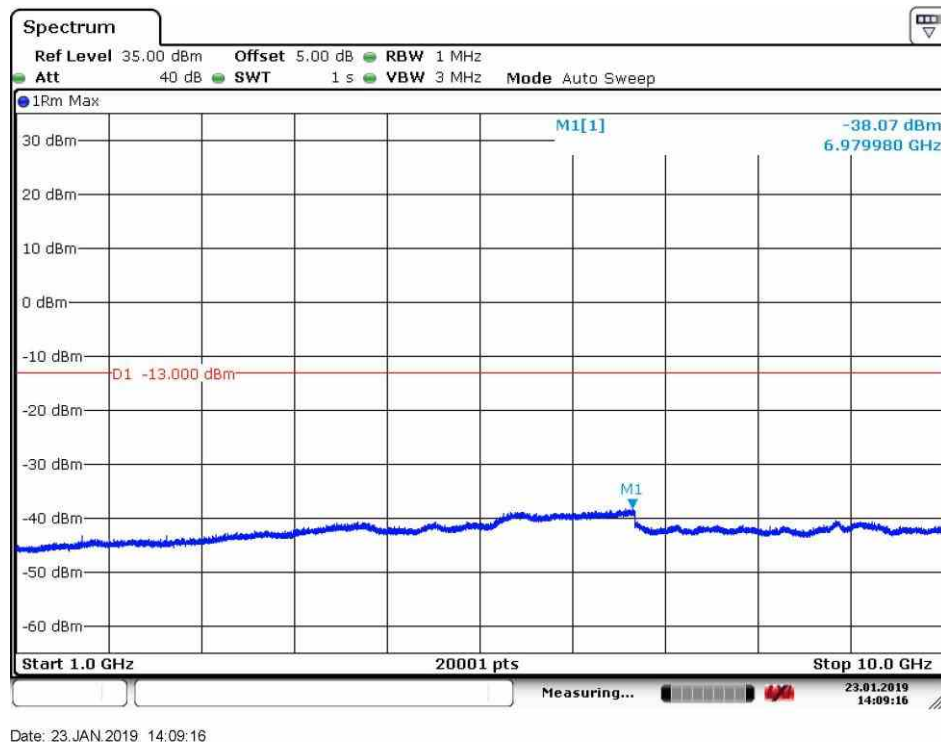
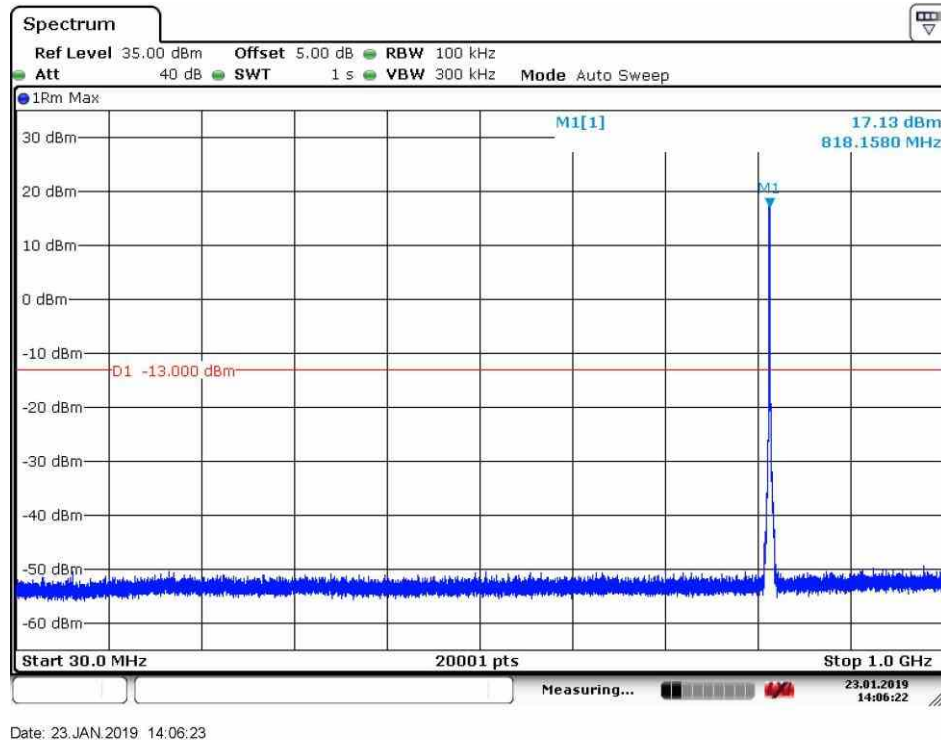


Date: 23.JAN.2019 11:34:38

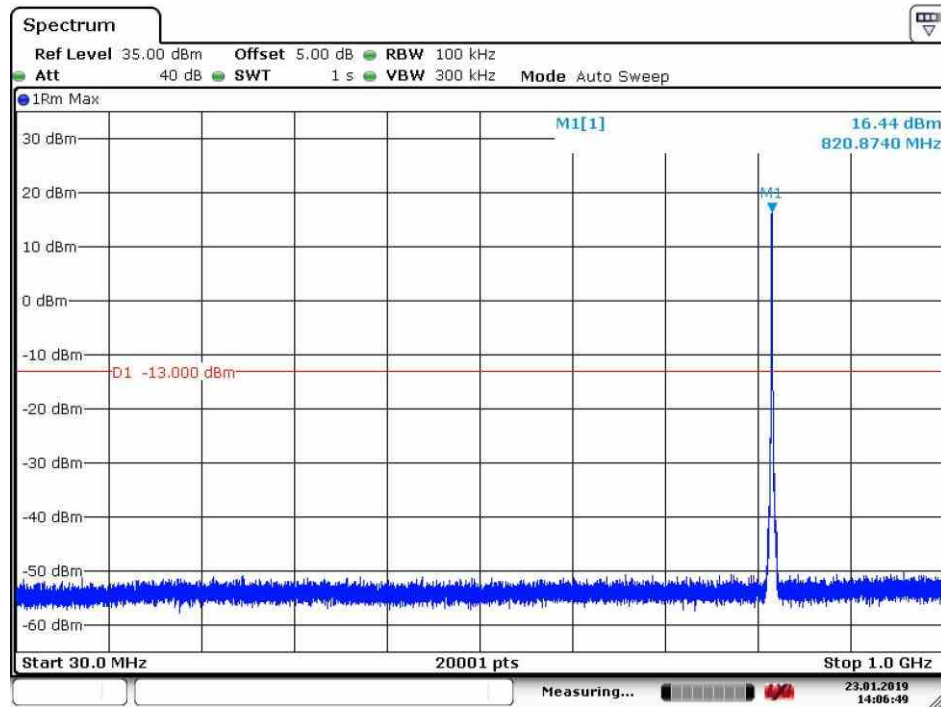
6.2.3 Test Band = EVDO BC10

6.2.3.1 Test Mode = EVDO /TM1

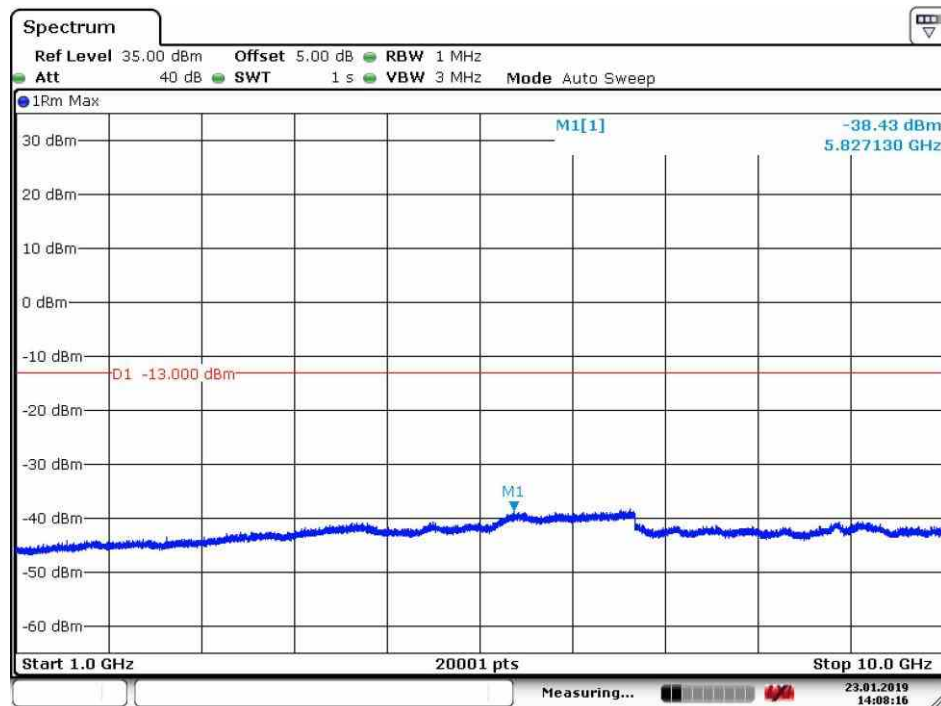
6.2.3.1.1 Test Channel = LCH



6.2.3.1.2 Test Channel = MCH

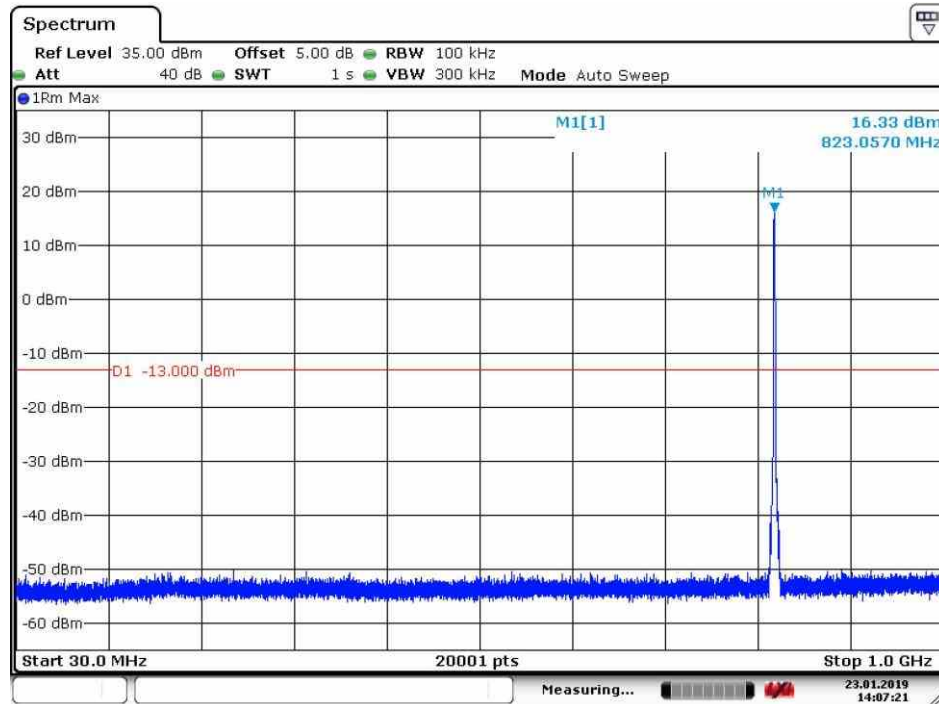


Date: 23.JAN.2019 14:06:50

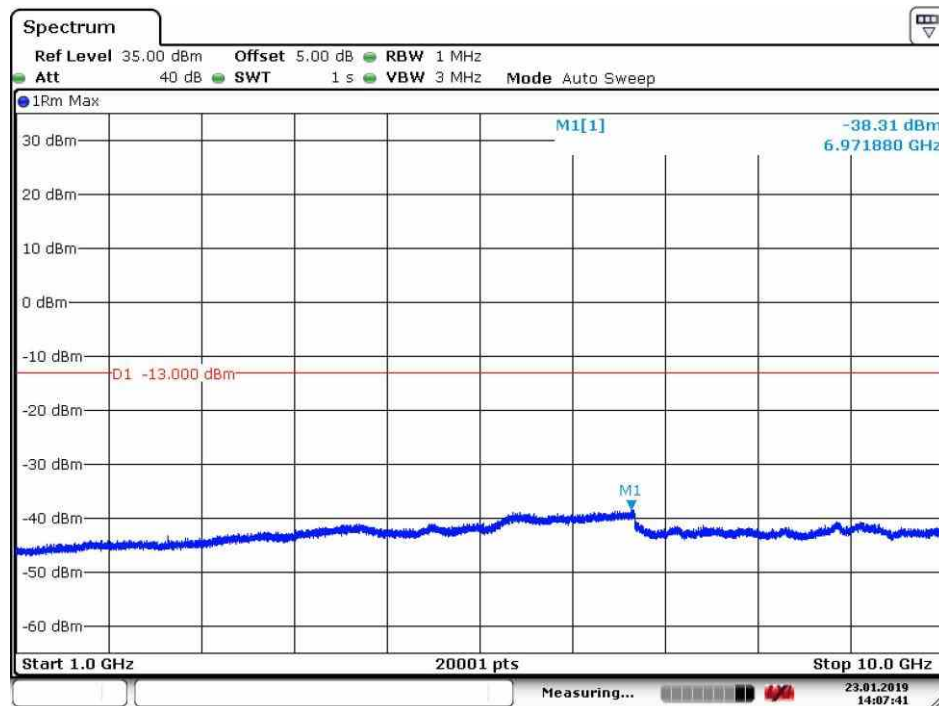


Date: 23.JAN.2019 14:08:16

6.2.3.1.3 Test Channel = HCH



Date: 23.JAN.2019 14:07:22



Date: 23.JAN.2019 14:07:41



7 Field Strength of Spurious Radiation

7.1 For CDMA

7.1.1 Test Band = CDMA band BC0

7.1.1.1 Test Mode = CDMA /TM1

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.600000	-78.45	-13.00	65.45	Vertical
1649.000000	-59.26	-13.00	46.26	Vertical
2474.500000	-57.53	-13.00	44.53	Vertical
3297.375000	-66.92	-13.00	53.92	Vertical
4123.200000	-62.67	-13.00	49.67	Vertical
9896.662500	-62.63	-13.00	49.63	Vertical
62.450000	-76.73	-13.00	63.73	Horizontal
1649.000000	-59.38	-13.00	46.38	Horizontal
2473.500000	-57.26	-13.00	44.26	Horizontal
3297.375000	-63.42	-13.00	50.42	Horizontal
4121.737500	-63.51	-13.00	50.51	Horizontal
9069.375000	-62.14	-13.00	49.14	Horizontal

7.1.1.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
71.700000	-77.88	-13.00	64.88	Vertical
1673.500000	-52.71	-13.00	39.71	Vertical
2509.500000	-54.65	-13.00	41.65	Vertical
3347.100000	-64.14	-13.00	51.14	Vertical
4183.650000	-58.41	-13.00	45.41	Vertical
9199.050000	-60.64	-13.00	47.64	Vertical
62.650000	-77.26	-13.00	64.26	Horizontal
1672.500000	-58.10	-13.00	45.10	Horizontal
2509.000000	-54.36	-13.00	41.36	Horizontal
3346.125000	-62.29	-13.00	49.29	Horizontal
4182.675000	-62.55	-13.00	49.55	Horizontal
9198.562500	-61.17	-13.00	48.17	Horizontal



7.1.1.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.300000	-78.52	-13.00	65.52	Vertical
1696.000000	-56.37	-13.00	43.37	Vertical
2544.000000	-55.28	-13.00	42.28	Vertical
3391.950000	-64.12	-13.00	51.12	Vertical
4239.712500	-61.17	-13.00	48.17	Vertical
9328.725000	-61.92	-13.00	48.92	Vertical
62.750000	-77.31	-13.00	64.31	Horizontal
1697.000000	-58.48	-13.00	45.48	Horizontal
2545.500000	-53.07	-13.00	40.07	Horizontal
3391.950000	-59.88	-13.00	46.88	Horizontal
4239.712500	-62.69	-13.00	49.69	Horizontal
9328.725000	-62.14	-13.00	49.14	Horizontal

7.1.2 Test Band = CDMA BC1

7.1.2.1 Test Mode = CDMA /TM1

7.1.2.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.750000	-79.19	-13.00	66.19	Vertical
199.500000	-85.23	-13.00	72.23	Vertical
3702.487500	-52.01	-13.00	39.01	Vertical
5553.037500	-63.85	-13.00	50.85	Vertical
7406.025000	-55.26	-13.00	42.26	Vertical
9258.037500	-55.64	-13.00	42.64	Vertical
62.200000	-77.33	-13.00	64.33	Horizontal
199.600000	-83.18	-13.00	70.18	Horizontal
3702.487500	-51.02	-13.00	38.02	Horizontal
5553.037500	-63.76	-13.00	50.76	Horizontal
7406.025000	-58.85	-13.00	45.85	Horizontal
9258.037500	-52.62	-13.00	39.62	Horizontal



7.1.2.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
66.000000	-78.57	-13.00	65.57	Vertical
199.300000	-86.14	-13.00	73.14	Vertical
3759.525000	-56.71	-13.00	43.71	Vertical
5638.837500	-65.24	-13.00	52.24	Vertical
7521.075000	-55.09	-13.00	42.09	Vertical
9398.437500	-58.39	-13.00	45.39	Vertical
62.200000	-77.03	-13.00	64.03	Horizontal
104.300000	-81.33	-13.00	68.33	Horizontal
3760.012500	-55.78	-13.00	42.78	Horizontal
5640.787500	-62.88	-13.00	49.88	Horizontal
7521.075000	-60.55	-13.00	47.55	Horizontal
9398.437500	-59.53	-13.00	46.53	Horizontal

7.1.2.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
66.100000	-79.04	-13.00	66.04	Vertical
104.300000	-81.69	-13.00	68.69	Vertical
3817.537500	-50.86	-13.00	37.86	Vertical
5725.612500	-64.93	-13.00	51.93	Vertical
7633.687500	-55.98	-13.00	42.98	Vertical
9542.250000	-54.39	-13.00	41.39	Vertical
63.700000	-76.75	-13.00	63.75	Horizontal
199.700000	-81.56	-13.00	68.56	Horizontal
3817.537500	-52.89	-13.00	39.89	Horizontal
5726.587500	-58.50	-13.00	45.50	Horizontal
7634.662500	-59.59	-13.00	46.59	Horizontal
9543.712500	-57.46	-13.00	44.46	Horizontal



7.1.3 Test Band = CDMAband BC10

7.1.3.1 Test Mode = CDMA/TM1

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.500000	-79.15	-13.00	66.15	Vertical
1636.000000	-54.18	-13.00	41.18	Vertical
2453.500000	-58.63	-13.00	45.63	Vertical
3270.075000	-67.51	-13.00	54.51	Vertical
4089.562500	-63.42	-13.00	50.42	Vertical
9818.662500	-63.19	-13.00	50.19	Vertical
62.750000	-77.09	-13.00	64.09	Horizontal
1636.000000	-54.86	-13.00	41.86	Horizontal
2453.500000	-58.34	-13.00	45.34	Horizontal
3272.512500	-63.25	-13.00	50.25	Horizontal
4089.562500	-64.12	-13.00	51.12	Horizontal
8998.687500	-63.08	-13.00	50.08	Horizontal

7.1.3.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.550000	-78.57	-13.00	65.57	Vertical
1640.500000	-55.74	-13.00	42.74	Vertical
2461.500000	-58.46	-13.00	45.46	Vertical
3282.750000	-66.54	-13.00	53.54	Vertical
4101.750000	-63.67	-13.00	50.67	Vertical
9844.987500	-62.53	-13.00	49.53	Vertical
62.100000	-77.10	-13.00	64.10	Horizontal
1640.500000	-57.31	-13.00	44.31	Horizontal
2462.000000	-58.07	-13.00	45.07	Horizontal
3281.775000	-63.26	-13.00	50.26	Horizontal
4100.775000	-63.79	-13.00	50.79	Horizontal
9217.575000	-62.77	-13.00	49.77	Horizontal



7.1.3.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
67.150000	-78.87	-13.00	65.87	Vertical
1646.000000	-58.45	-13.00	45.45	Vertical
2470.000000	-58.03	-13.00	45.03	Vertical
3291.037500	-67.55	-13.00	54.55	Vertical
4113.937500	-62.37	-13.00	49.37	Vertical
9873.262500	-62.68	-13.00	49.68	Vertical
62.550000	-77.04	-13.00	64.04	Horizontal
1646.500000	-59.52	-13.00	46.52	Horizontal
2468.500000	-57.71	-13.00	44.71	Horizontal
3291.037500	-63.02	-13.00	50.02	Horizontal
4116.862500	-63.59	-13.00	50.59	Horizontal
9056.700000	-62.70	-13.00	49.70	Horizontal

7.2 For EVDO

7.2.1 Test Band = EVDO band BC0

7.2.1.1 Test Mode = CDMA /TM1

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
90.500000	-80.31	-13.00	67.31	Vertical
1649.500000	-58.16	-13.00	45.16	Vertical
2473.500000	-57.68	-13.00	44.68	Vertical
4946.587500	-65.37	-13.00	52.37	Vertical
9075.225000	-61.00	-13.00	48.00	Vertical
9899.587500	-62.64	-13.00	49.64	Vertical
56.750000	-77.07	-13.00	64.07	Horizontal
1650.000000	-63.58	-13.00	50.58	Horizontal
2474.500000	-57.81	-13.00	44.81	Horizontal
4122.225000	-66.64	-13.00	53.64	Horizontal
4950.000000	-65.43	-13.00	52.43	Horizontal
9249.262500	-62.93	-13.00	49.93	Horizontal



7.2.1.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
90.450000	-80.22	-13.00	67.22	Vertical
1672.500000	-53.49	-13.00	40.49	Vertical
2509.500000	-57.94	-13.00	44.94	Vertical
5017.275000	-65.84	-13.00	52.84	Vertical
9204.900000	-58.20	-13.00	45.20	Vertical
10041.450000	-62.74	-13.00	49.74	Vertical
57.150000	-69.96	-13.00	56.96	Horizontal
104.250000	-78.94	-13.00	65.94	Horizontal
1672.500000	-55.94	-13.00	42.94	Horizontal
2509.000000	-57.08	-13.00	44.08	Horizontal
4183.650000	-66.01	-13.00	53.01	Horizontal
5017.275000	-65.47	-13.00	52.47	Horizontal

7.2.1.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.700000	-81.44	-13.00	68.44	Vertical
1696.000000	-53.34	-13.00	40.34	Vertical
2545.000000	-58.19	-13.00	45.19	Vertical
4242.637500	-66.33	-13.00	53.33	Vertical
5090.887500	-65.56	-13.00	52.56	Vertical
9328.725000	-59.48	-13.00	46.48	Vertical
63.100000	-77.03	-13.00	64.03	Horizontal
1696.000000	-55.16	-13.00	42.16	Horizontal
2544.500000	-57.16	-13.00	44.16	Horizontal
4241.662500	-64.95	-13.00	51.95	Horizontal
5090.887500	-65.89	-13.00	52.89	Horizontal
9247.800000	-62.92	-13.00	49.92	Horizontal



7.2.2 Test Band = EVDO BC1

7.2.2.1 Test Mode = EVDO /TM1

7.2.2.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.850000	-81.27	-13.00	68.27	Vertical
336.200000	-84.40	-13.00	71.40	Vertical
3702.000000	-54.51	-13.00	41.51	Vertical
5552.550000	-66.34	-13.00	53.34	Vertical
7405.050000	-61.91	-13.00	48.91	Vertical
9254.625000	-49.46	-13.00	36.46	Vertical
62.650000	-76.83	-13.00	63.83	Horizontal
220.700000	-81.09	-13.00	68.09	Horizontal
3702.000000	-47.23	-13.00	34.23	Horizontal
5553.037500	-62.97	-13.00	49.97	Horizontal
7403.587500	-62.63	-13.00	49.63	Horizontal
9254.625000	-57.44	-13.00	44.44	Horizontal

7.2.2.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
90.450000	-81.43	-13.00	68.43	Vertical
351.550000	-85.21	-13.00	72.21	Vertical
3760.012500	-59.66	-13.00	46.66	Vertical
5640.787500	-66.01	-13.00	53.01	Vertical
7521.075000	-60.94	-13.00	47.94	Vertical
9398.437500	-51.47	-13.00	38.47	Vertical
63.050000	-77.35	-13.00	64.35	Horizontal
211.250000	-80.13	-13.00	67.13	Horizontal
3760.012500	-51.29	-13.00	38.29	Horizontal
5639.812500	-65.10	-13.00	52.10	Horizontal
7519.612500	-61.81	-13.00	48.81	Horizontal
9399.900000	-58.54	-13.00	45.54	Horizontal



7.2.2.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
104.000000	-81.70	-13.00	68.70	Vertical
3817.050000	-56.39	-13.00	43.39	Vertical
5725.612500	-62.31	-13.00	49.31	Vertical
7633.687500	-62.66	-13.00	49.66	Vertical
9542.250000	-56.16	-13.00	43.16	Vertical
11452.275000	-62.09	-13.00	49.09	Vertical
62.800000	-76.65	-13.00	63.65	Horizontal
104.250000	-80.80	-13.00	67.80	Horizontal
3817.050000	-55.33	-13.00	42.33	Horizontal
5726.100000	-62.35	-13.00	49.35	Horizontal
7857.450000	-62.80	-13.00	49.80	Horizontal
9542.250000	-56.54	-13.00	43.54	Horizontal

7.2.3 Test Band = EVDO band BC10

7.2.3.1 Test Mode = EVDO /TM1

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.800000	-80.69	-13.00	67.69	Vertical
1635.000000	-53.61	-13.00	40.61	Vertical
2453.000000	-56.59	-13.00	43.59	Vertical
3271.050000	-67.96	-13.00	54.96	Vertical
6050.775000	-64.64	-13.00	51.64	Vertical
10617.187500	-62.59	-13.00	49.59	Vertical
63.000000	-77.26	-13.00	64.26	Horizontal
1635.000000	-55.01	-13.00	42.01	Horizontal
2454.000000	-56.66	-13.00	43.66	Horizontal
3271.537500	-67.00	-13.00	54.00	Horizontal
6053.212500	-64.90	-13.00	51.90	Horizontal
10616.212500	-62.75	-13.00	49.75	Horizontal



7.2.3.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.100000	-80.79	-13.00	67.79	Vertical
1640.500000	-57.63	-13.00	44.63	Vertical
2462.000000	-56.16	-13.00	43.16	Vertical
3278.850000	-68.77	-13.00	55.77	Vertical
6058.575000	-64.94	-13.00	51.94	Vertical
9255.600000	-63.22	-13.00	50.22	Vertical
62.450000	-77.10	-13.00	64.10	Horizontal
1640.500000	-58.92	-13.00	45.92	Horizontal
2462.000000	-56.85	-13.00	43.85	Horizontal
3282.750000	-67.94	-13.00	54.94	Horizontal
6053.212500	-64.93	-13.00	51.93	Horizontal
9242.925000	-63.06	-13.00	50.06	Horizontal

7.2.3.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.350000	-80.98	-13.00	67.98	Vertical
1646.500000	-60.63	-13.00	47.63	Vertical
2468.500000	-56.98	-13.00	43.98	Vertical
4114.912500	-67.28	-13.00	54.28	Vertical
7064.775000	-64.63	-13.00	51.63	Vertical
10594.275000	-62.87	-13.00	49.87	Vertical
62.500000	-77.40	-13.00	64.40	Horizontal
1646.000000	-62.30	-13.00	49.30	Horizontal
2470.000000	-57.42	-13.00	44.42	Horizontal
3293.475000	-66.74	-13.00	53.74	Horizontal
6050.775000	-65.00	-13.00	52.00	Horizontal
9258.525000	-63.02	-13.00	50.02	Horizontal

NOTE:

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Deviation [Hz]	Deviation [ppm]	Limit [ppm]	Verdict
CDMA BC0	CDMA/TM1	LCH	TN	VL	-7.27	-0.008815	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	TN	VN	-9.29	-0.011267	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	TN	VH	10.38	0.012581	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	TN	VL	-5.63	-0.006726	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	TN	VN	-0.95	-0.001137	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	TN	VH	0.04	0.000048	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	TN	VL	-8.06	-0.009501	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	TN	VN	8.21	0.009674	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	TN	VH	9.68	0.011407	±2.5	PASS
EVDO BC0	EVDO /TM1	LCH	TN	VL	14.65	0.017762	±2.5	PASS
EVDO BC0	EVDO /TM1	LCH	TN	VN	14.92	0.018092	±2.5	PASS
EVDO BC0	EVDO /TM1	LCH	TN	VH	-10.21	-0.012381	±2.5	PASS
EVDO BC0	EVDO /TM1	MCH	TN	VL	12.83	0.015342	±2.5	PASS
EVDO BC0	EVDO /TM1	MCH	TN	VN	-8.82	-0.010545	±2.5	PASS
EVDO BC0	EVDO /TM1	MCH	TN	VH	-1.79	-0.002134	±2.5	PASS
EVDO BC0	EVDO /TM1	HCH	TN	VL	-9.85	-0.011607	±2.5	PASS
EVDO BC0	EVDO /TM1	HCH	TN	VN	11.26	0.013268	±2.5	PASS
EVDO BC0	EVDO /TM1	HCH	TN	VH	10.41	0.012271	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	TN	VL	11.97	0.006468	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	TN	VN	-1.27	-0.000684	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	TN	VH	-12.70	-0.006862	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	TN	VL	-0.57	-0.000305	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	TN	VN	1.11	0.000592	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	TN	VH	-9.08	-0.004831	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	TN	VL	12.83	0.006721	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	TN	VN	8.75	0.004583	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	TN	VH	-0.72	-0.000379	±2.5	PASS
EVDO BC1	EVDO /TM1	LCH	TN	VL	-4.82	-0.002606	±2.5	PASS
EVDO BC1	EVDO /TM1	LCH	TN	VN	0.44	0.000235	±2.5	PASS
EVDO BC1	EVDO /TM1	LCH	TN	VH	-1.32	-0.000711	±2.5	PASS
EVDO BC1	EVDO /TM1	MCH	TN	VL	-5.00	-0.002661	±2.5	PASS
EVDO BC1	EVDO /TM1	MCH	TN	VN	10.00	0.005320	±2.5	PASS
EVDO BC1	EVDO /TM1	MCH	TN	VH	12.60	0.006704	±2.5	PASS
EVDO BC1	EVDO /TM1	HCH	TN	VL	11.43	0.005988	±2.5	PASS
EVDO BC1	EVDO /TM1	HCH	TN	VN	-12.15	-0.006367	±2.5	PASS
EVDO BC1	EVDO /TM1	HCH	TN	VH	-14.88	-0.007797	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	TN	VL	7.92	0.009686	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	TN	VN	-6.24	-0.007626	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	TN	VH	9.95	0.012169	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	TN	VL	10.01	0.012203	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	TN	VN	-0.71	-0.000870	±2.5	PASS



CDMA BC10	CDMA/TM1	MCH	TN	VH	-4.03	-0.004911	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	TN	VL	9.80	0.011908	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	TN	VN	6.84	0.008306	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	TN	VH	-4.61	-0.005602	±2.5	PASS
EVDO BC10	EVDO /TM1	LCH	TN	VL	-0.58	-0.000711	±2.5	PASS
EVDO BC10	EVDO /TM1	LCH	TN	VN	5.03	0.006151	±2.5	PASS
EVDO BC10	EVDO /TM1	LCH	TN	VH	9.63	0.011778	±2.5	PASS
EVDO BC10	EVDO /TM1	MCH	TN	VL	-1.18	-0.001439	±2.5	PASS
EVDO BC10	EVDO /TM1	MCH	TN	VN	-14.30	-0.017432	±2.5	PASS
EVDO BC10	EVDO /TM1	MCH	TN	VH	-7.81	-0.009524	±2.5	PASS
EVDO BC10	EVDO /TM1	HCH	TN	VL	-14.88	-0.018084	±2.5	PASS
EVDO BC10	EVDO /TM1	HCH	TN	VN	5.95	0.007225	±2.5	PASS
EVDO BC10	EVDO /TM1	HCH	TN	VH	4.26	0.005178	±2.5	PASS

8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Deviation [Hz]	Deviation [ppm]	Limit [ppm]	Verdict
CDMA BC0	CDMA/TM1	LCH	VN	-30	9.87	0.011968	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	-20	-3.68	-0.004462	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	-10	9.45	0.011459	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	0	0.71	0.000861	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	10	-3.18	-0.003856	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	20	1.12	0.001358	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	30	0.98	0.001188	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	40	1.14	0.001382	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	VN	50	0.89	0.001079	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	-30	9.87	0.011799	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	-20	-3.68	-0.004399	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	-10	9.45	0.011297	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	0	0.71	0.000849	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	10	-3.18	-0.003801	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	20	1.12	0.001339	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	30	0.98	0.001172	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	40	1.14	0.001363	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	VN	50	0.89	0.001064	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	-30	9.87	0.011635	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	-20	-3.68	-0.004338	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	-10	9.45	0.011140	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	0	0.71	0.000837	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	10	-3.18	-0.003749	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	20	1.12	0.001320	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	30	0.98	0.001155	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	40	1.14	0.001344	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	VN	50	0.89	0.001049	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	-30	9.87	0.011968	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	-20	-3.68	-0.004462	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	-10	9.45	0.011459	±2.5	PASS

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EVDO BC0	CDMA/TM1	LCH	VN	0	0.71	0.000861	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	10	-3.18	-0.003856	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	20	1.12	0.001358	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	30	0.98	0.001188	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	40	1.14	0.001382	±2.5	PASS
EVDO BC0	CDMA/TM1	LCH	VN	50	0.89	0.001079	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	-30	9.87	0.011799	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	-20	-3.68	-0.004399	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	-10	9.45	0.011297	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	0	0.71	0.000849	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	10	-3.18	-0.003801	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	20	1.12	0.001339	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	30	0.98	0.001172	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	40	1.14	0.001363	±2.5	PASS
EVDO BC0	CDMA/TM1	MCH	VN	50	0.89	0.001064	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	-30	9.87	0.011635	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	-20	-3.68	-0.004338	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	-10	9.45	0.011140	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	0	0.71	0.000837	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	10	-3.18	-0.003749	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	20	1.12	0.001320	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	30	0.98	0.001155	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	40	1.14	0.001344	±2.5	PASS
EVDO BC0	CDMA/TM1	HCH	VN	50	0.89	0.001049	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	-30	9.87	0.005332	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	-20	-3.68	-0.001988	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	-10	9.45	0.005105	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	0	0.71	0.000384	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	10	-3.18	-0.001718	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	20	1.12	0.000605	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	30	0.98	0.000529	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	40	1.14	0.000616	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	VN	50	0.89	0.000481	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	-30	9.87	0.005250	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	-20	-3.68	-0.001957	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	-10	9.45	0.005027	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	0	0.71	0.000378	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	10	-3.18	-0.001691	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	20	1.12	0.000596	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	30	0.98	0.000521	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	40	1.14	0.000606	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	VN	50	0.89	0.000473	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	-30	9.87	0.005171	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	-20	-3.68	-0.001928	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	-10	9.45	0.004951	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	0	0.71	0.000372	±2.5	PASS



CDMA BC1	CDMA/TM1	HCH	VN	10	-3.18	-0.001666	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	20	1.12	0.000587	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	30	0.98	0.000513	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	40	1.14	0.000597	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	VN	50	0.89	0.000466	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	-30	9.87	0.005332	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	-20	-3.68	-0.001988	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	-10	9.45	0.005105	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	0	0.71	0.000384	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	10	-3.18	-0.001718	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	20	1.12	0.000605	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	30	0.98	0.000529	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	40	1.14	0.000616	±2.5	PASS
EVDO BC1	CDMA/TM1	LCH	VN	50	0.89	0.000481	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	-30	9.87	0.005250	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	-20	-3.68	-0.001957	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	-10	9.45	0.005027	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	0	0.71	0.000378	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	10	-3.18	-0.001691	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	20	1.12	0.000596	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	30	0.98	0.000521	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	40	1.14	0.000606	±2.5	PASS
EVDO BC1	CDMA/TM1	MCH	VN	50	0.89	0.000473	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	-30	9.87	0.005171	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	-20	-3.68	-0.001928	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	-10	9.45	0.004951	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	0	0.71	0.000372	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	10	-3.18	-0.001666	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	20	1.12	0.000587	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	30	0.98	0.000513	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	40	1.14	0.000597	±2.5	PASS
EVDO BC1	CDMA/TM1	HCH	VN	50	0.89	0.000466	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	-30	9.87	0.012067	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	-20	-3.68	-0.004499	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	-10	9.45	0.011554	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	0	0.71	0.000868	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	10	-3.18	-0.003888	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	20	1.12	0.001369	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	30	0.98	0.001198	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	40	1.14	0.001394	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	VN	50	0.89	0.001088	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	-30	9.87	0.012029	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	-20	-3.68	-0.004485	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	-10	9.45	0.011517	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	0	0.71	0.000865	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	10	-3.18	-0.003876	±2.5	PASS



CDMA BC10	CDMA/TM1	MCH	VN	20	1.12	0.001365	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	30	0.98	0.001194	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	40	1.14	0.001389	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	VN	50	0.89	0.001085	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	-30	9.87	0.011991	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	-20	-3.68	-0.004471	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	-10	9.45	0.011481	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	0	0.71	0.000863	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	10	-3.18	-0.003863	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	20	1.12	0.001361	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	30	0.98	0.001191	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	40	1.14	0.001385	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	VN	50	0.89	0.001081	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	-30	9.87	0.012067	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	-20	-3.68	-0.004499	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	-10	9.45	0.011554	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	0	0.71	0.000868	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	10	-3.18	-0.003888	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	20	1.12	0.001369	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	30	0.98	0.001198	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	40	1.14	0.001394	±2.5	PASS
EVDO BC10	CDMA/TM1	LCH	VN	50	0.89	0.001088	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	-30	9.87	0.012029	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	-20	-3.68	-0.004485	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	-10	9.45	0.011517	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	0	0.71	0.000865	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	10	-3.18	-0.003876	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	20	1.12	0.001365	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	30	0.98	0.001194	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	40	1.14	0.001389	±2.5	PASS
EVDO BC10	CDMA/TM1	MCH	VN	50	0.89	0.001085	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	-30	9.87	0.011991	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	-20	-3.68	-0.004471	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	-10	9.45	0.011481	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	0	0.71	0.000863	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	10	-3.18	-0.003863	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	20	1.12	0.001361	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	30	0.98	0.001191	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	40	1.14	0.001385	±2.5	PASS
EVDO BC10	CDMA/TM1	HCH	VN	50	0.89	0.001081	±2.5	PASS

The End