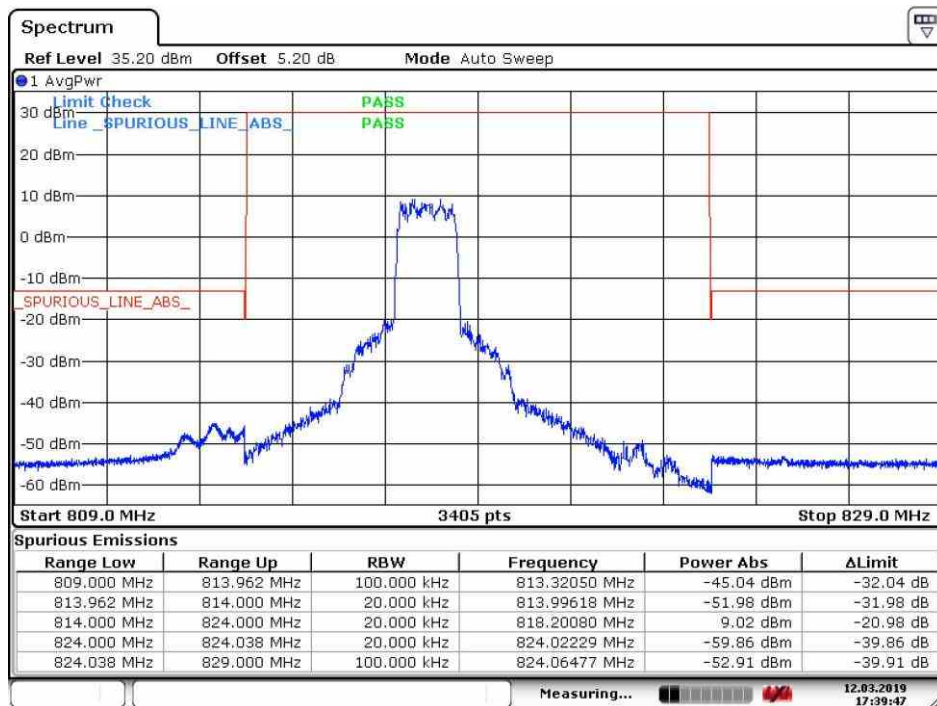


5.2.3 Test Band = EVDO BC10

5.2.3.1 Test Mode = EVDO /TM1

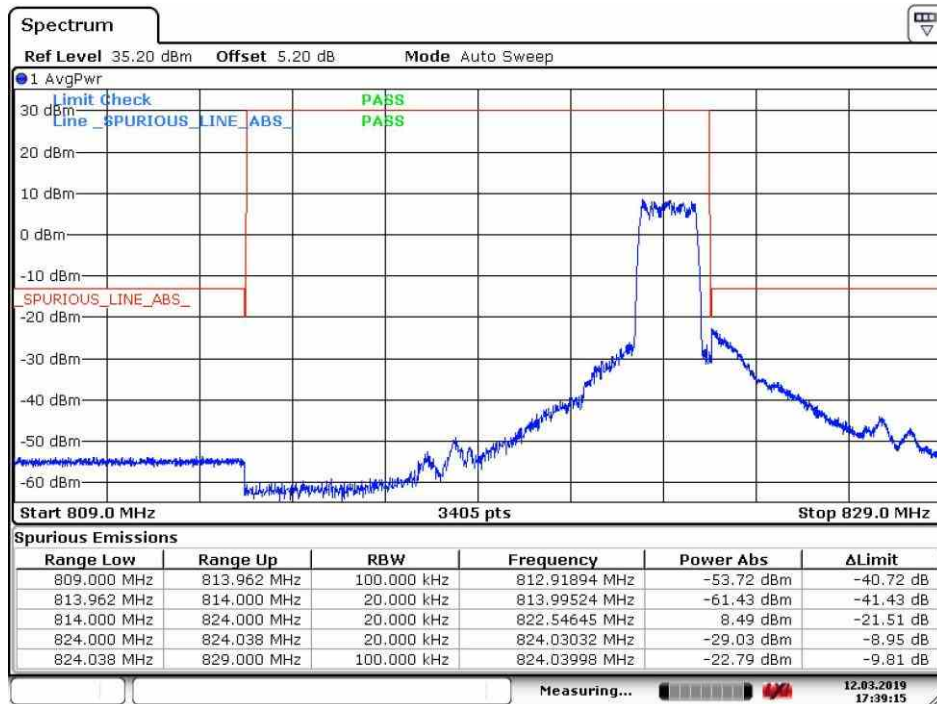
5.2.3.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:39:47



5.2.3.1.2 Test Channel = HCH



Date: 12.MAR.2019 17:39:15



6 Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

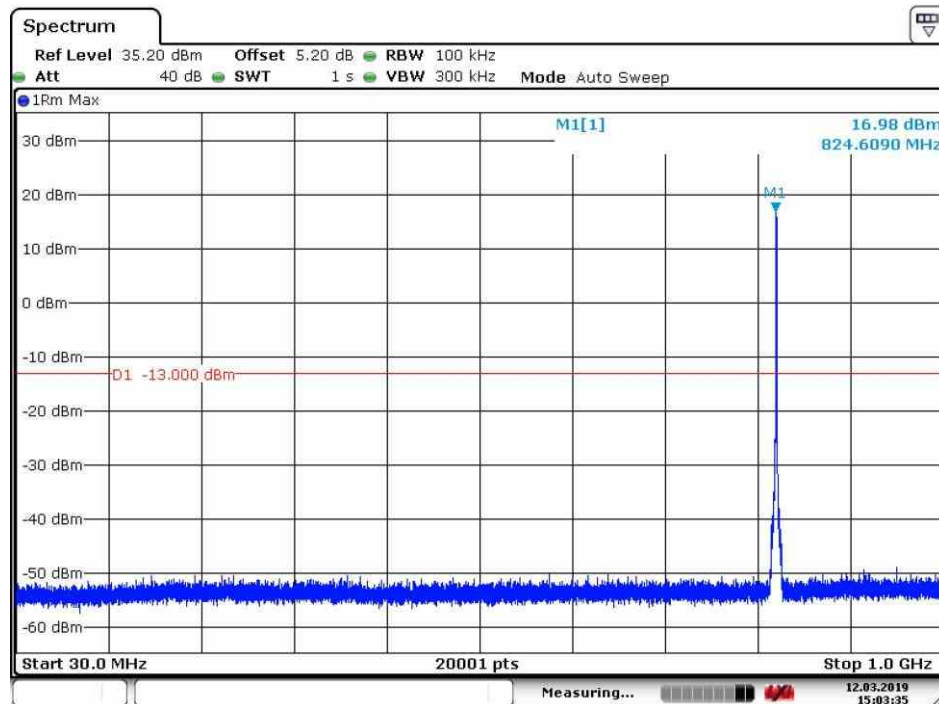
Part I - Test Plots

6.1 For CDMA

6.1.1 Test Band = CDMA BC0

6.1.1.1 Test Mode = CDMA /TM1

6.1.1.1.1 Test Channel = LCH



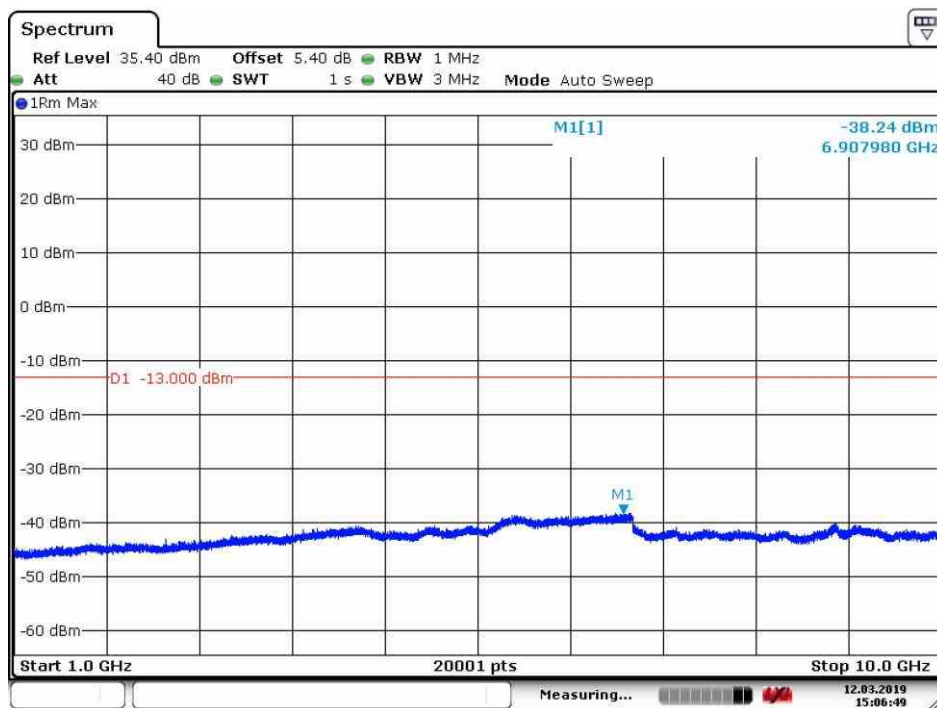
Date: 12.MAR.2019 15:03:36



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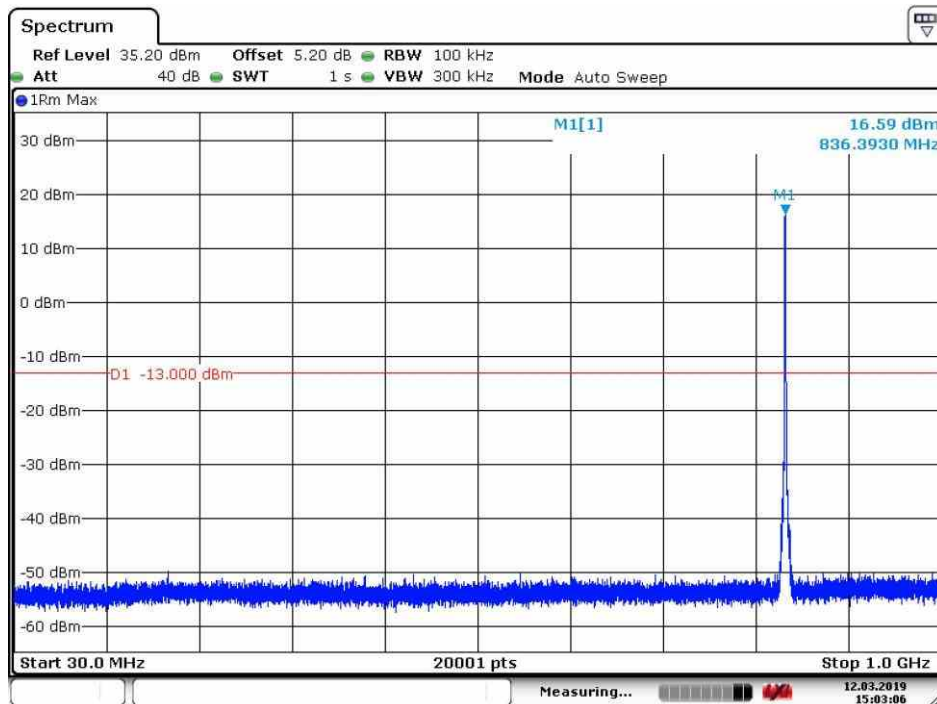
Date: 12.MAR.2019 15:06:49



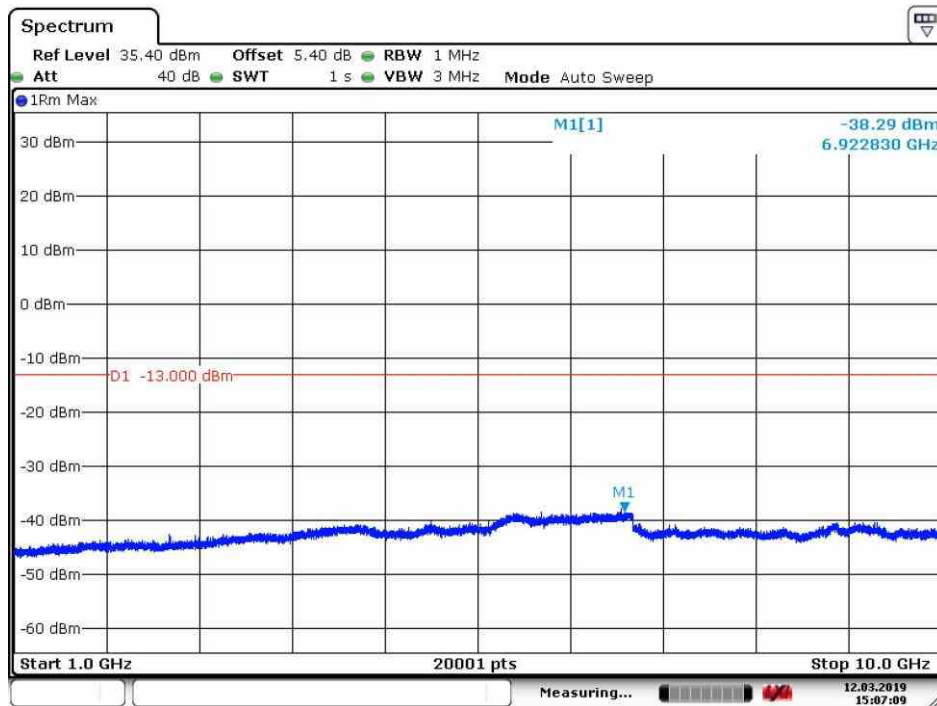
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6.1.1.1.2 Test Channel = MCH



Date: 12.MAR.2019 15:03:06

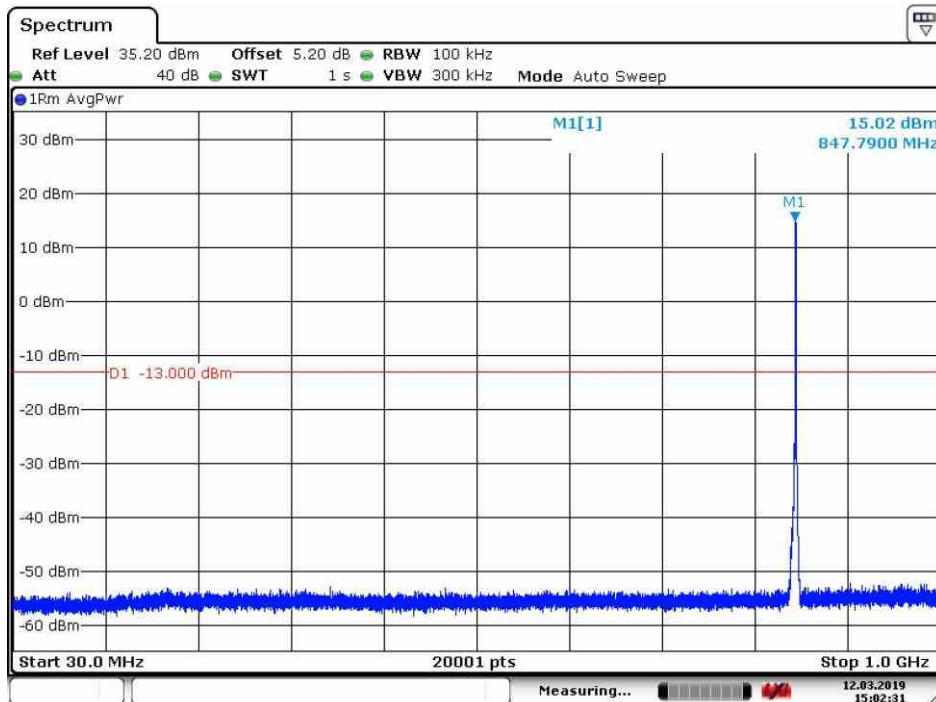


Date: 12.MAR.2019 15:07:10

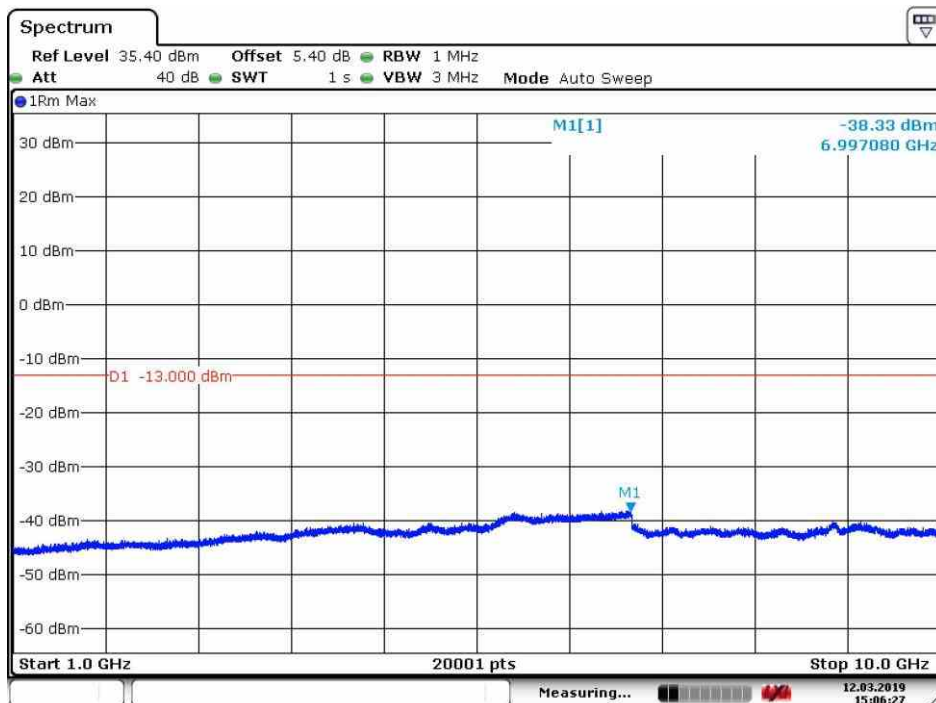


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6.1.1.1.3 Test Channel = HCH



Date: 12.MAR.2019 15:02:32



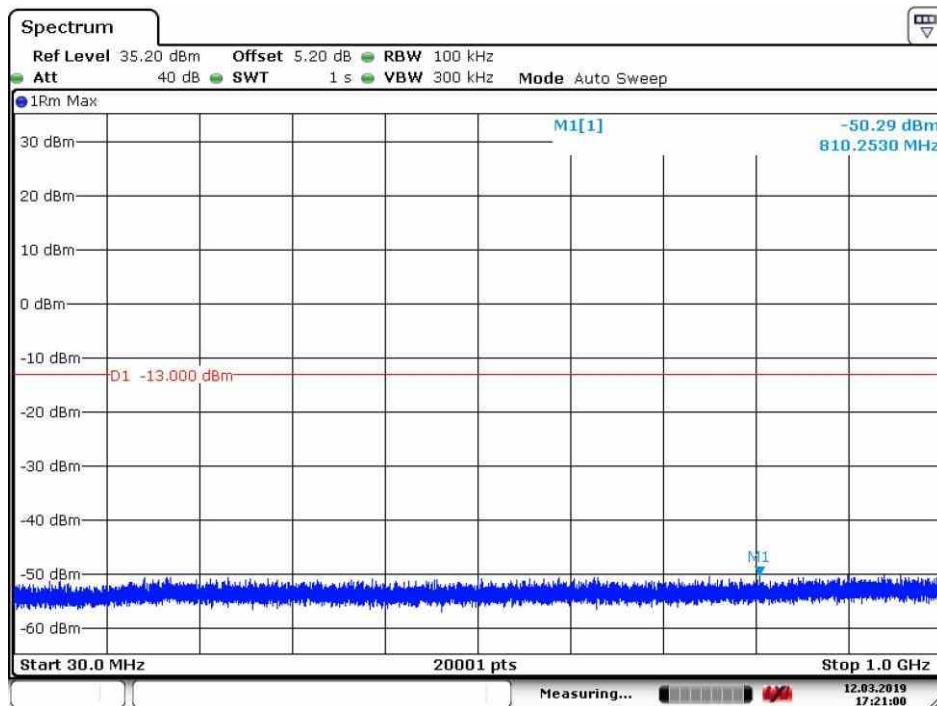
Date: 12.MAR.2019 15:06:27



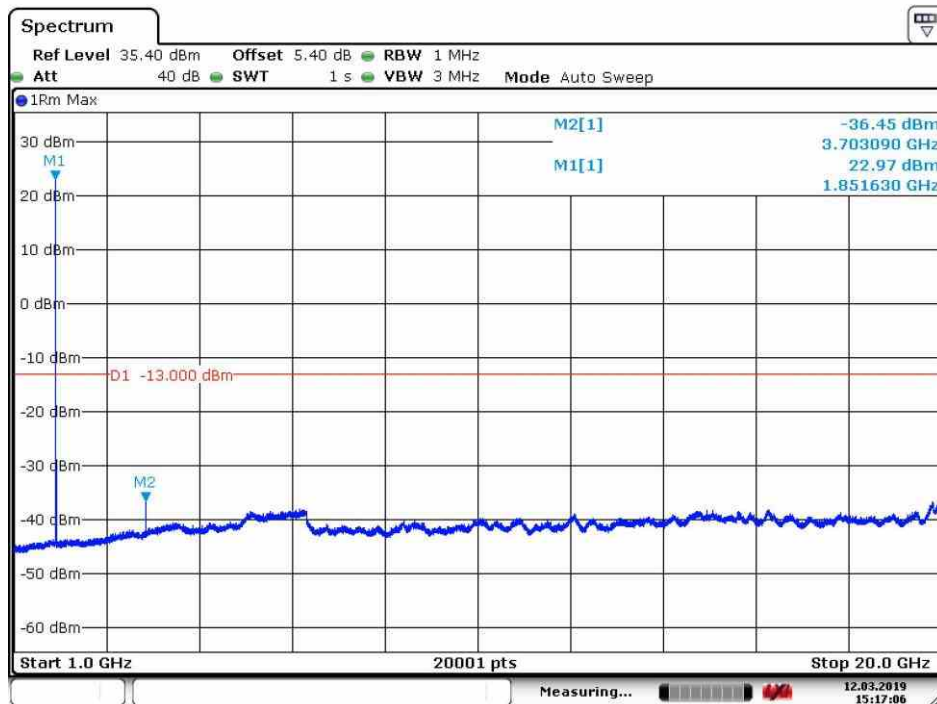
6.1.2 Test Band = CDMA BC1

6.1.2.1 Test Mode = CDMA /TM1

6.1.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:21:00



Date: 12.MAR.2019 15:17:07

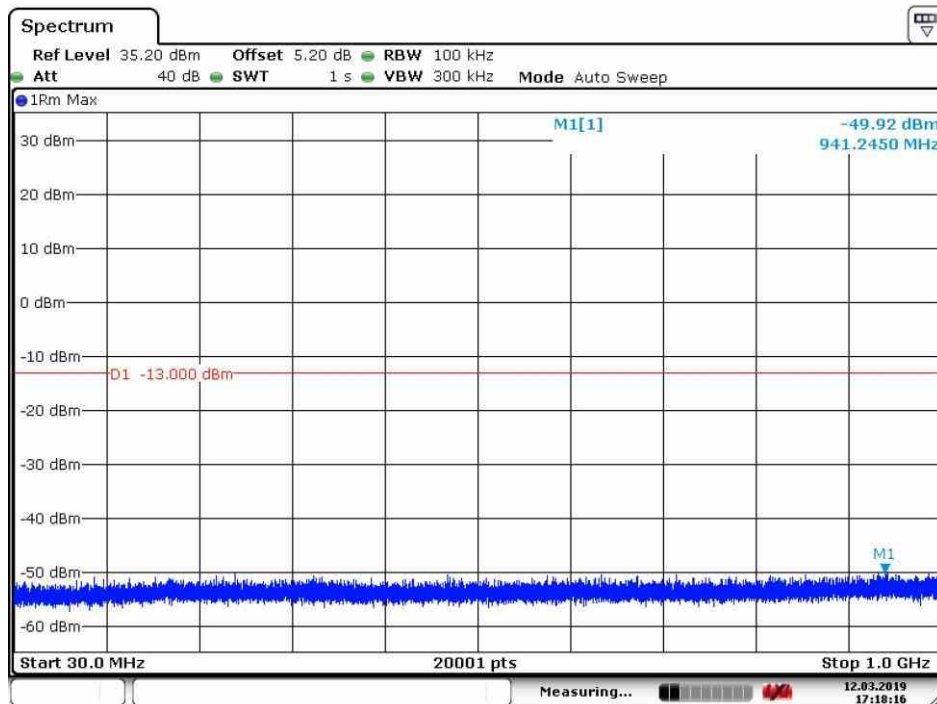


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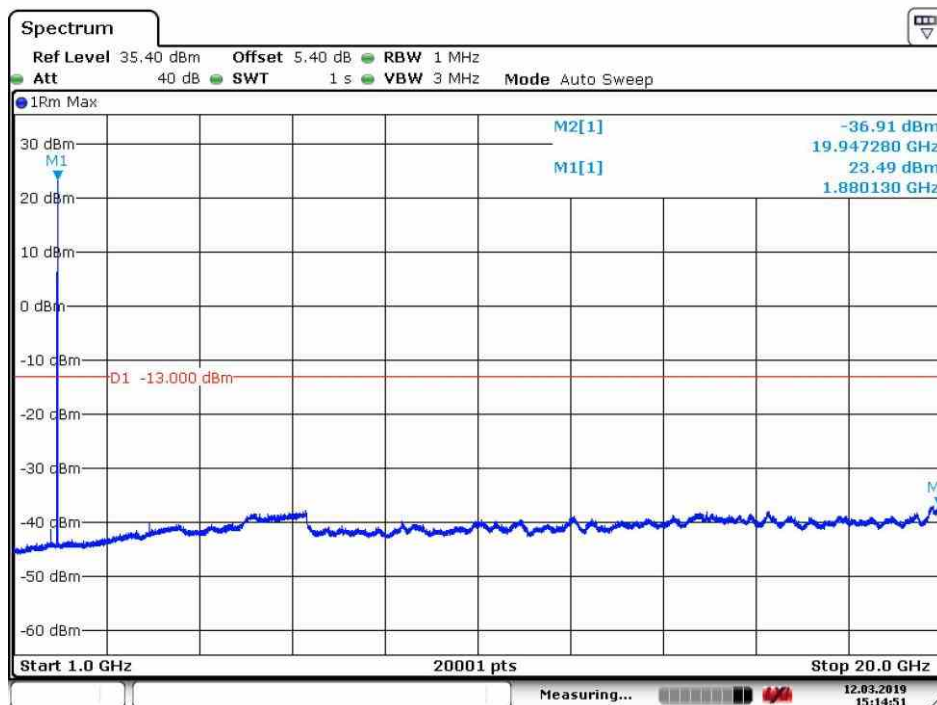
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6.1.2.1.2 Test Channel = MCH



Date: 12.MAR.2019 17:18:16

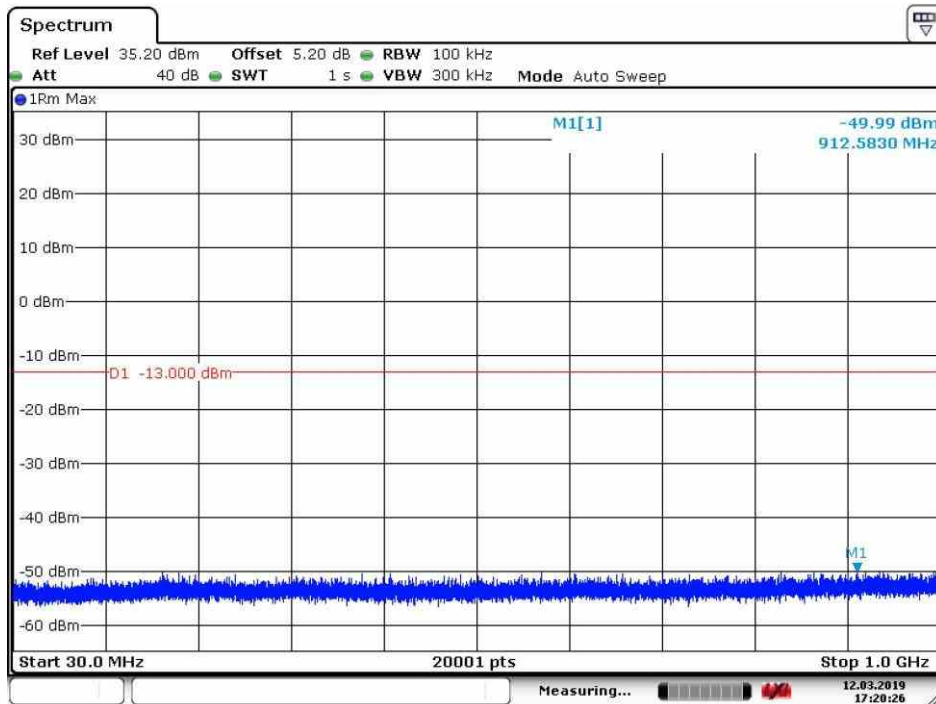


Date: 12.MAR.2019 15:14:51

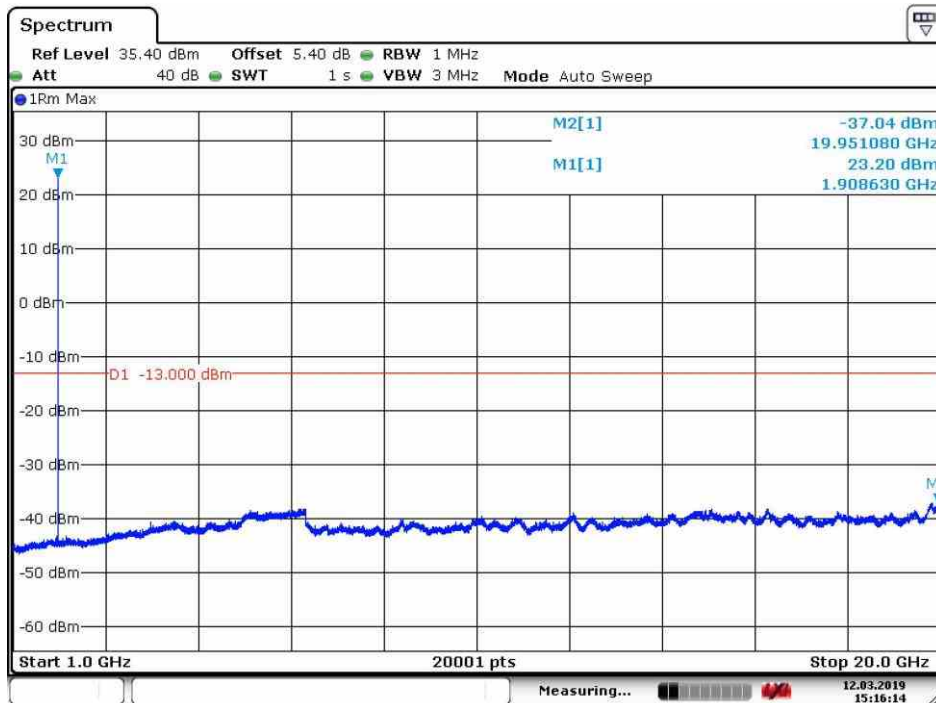


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6.1.2.1.3 Test Channel = HCH



Date: 12.MAR.2019 17:20:26



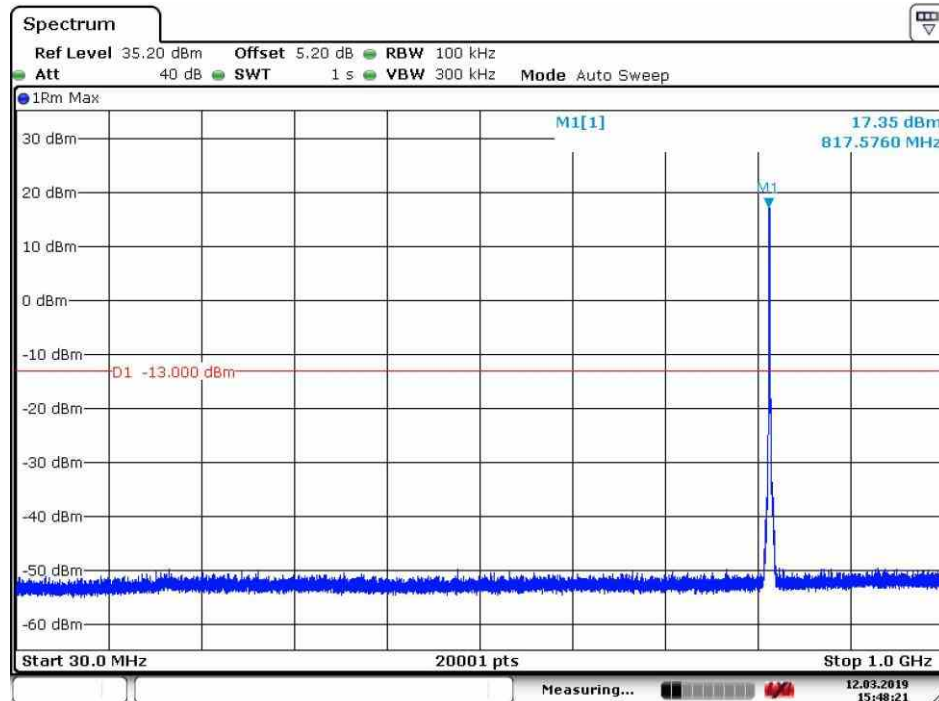
Date: 12.MAR.2019 15:16:14



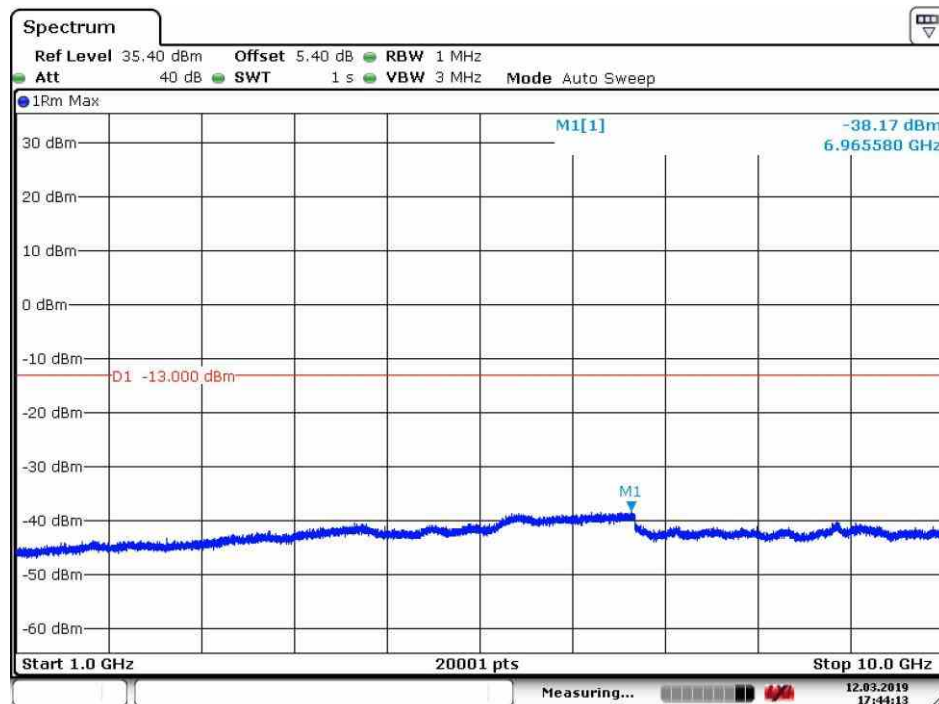
6.1.3 Test Band = CDMA BC10

6.1.3.1 Test Mode = CDMA /TM1

6.1.3.1.1 Test Channel = LCH



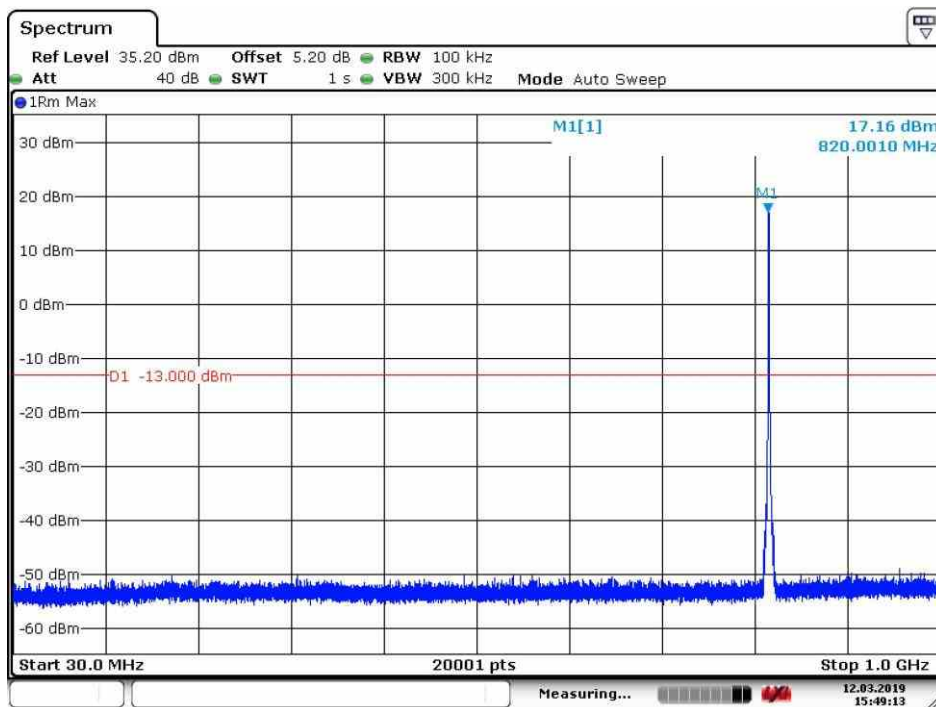
Date: 12.MAR.2019 15:48:22



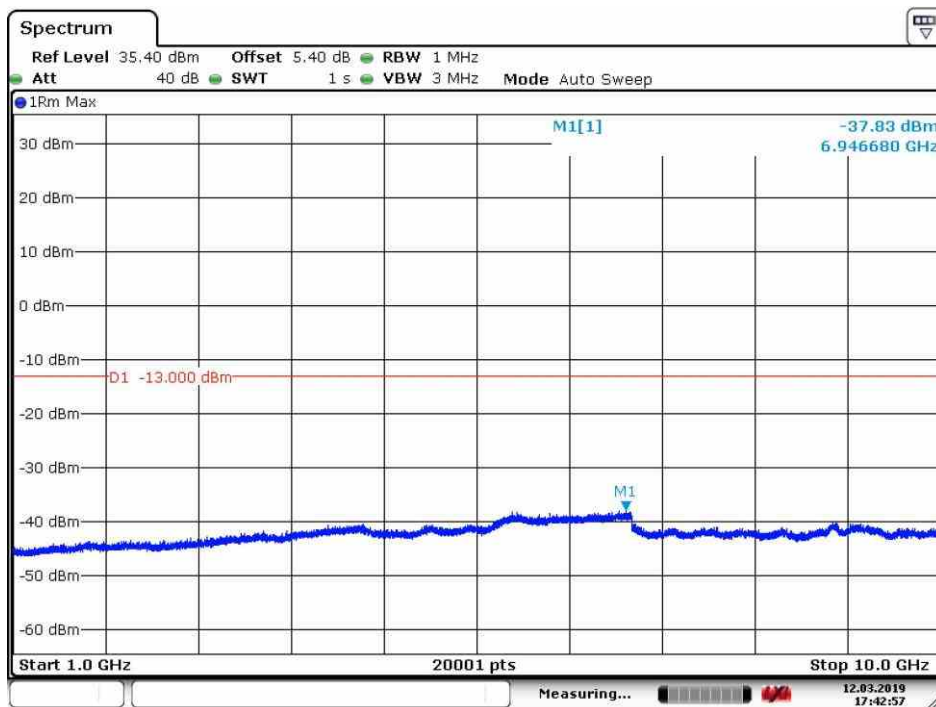
Date: 12.MAR.2019 17:44:13



6.1.3.1.2 Test Channel = MCH



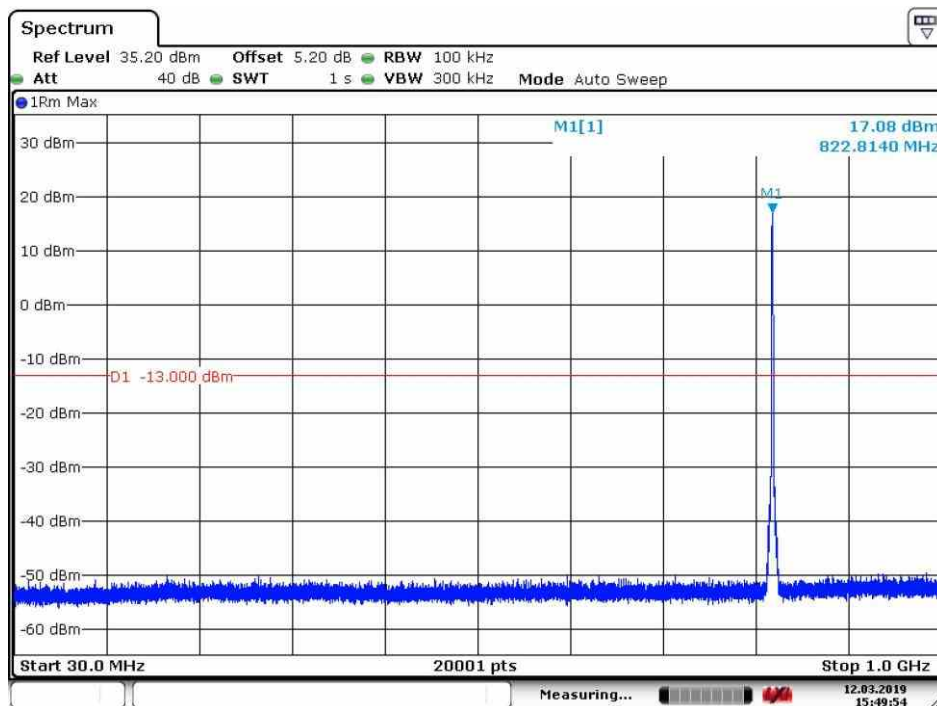
Date: 12.MAR.2019 15:49:13



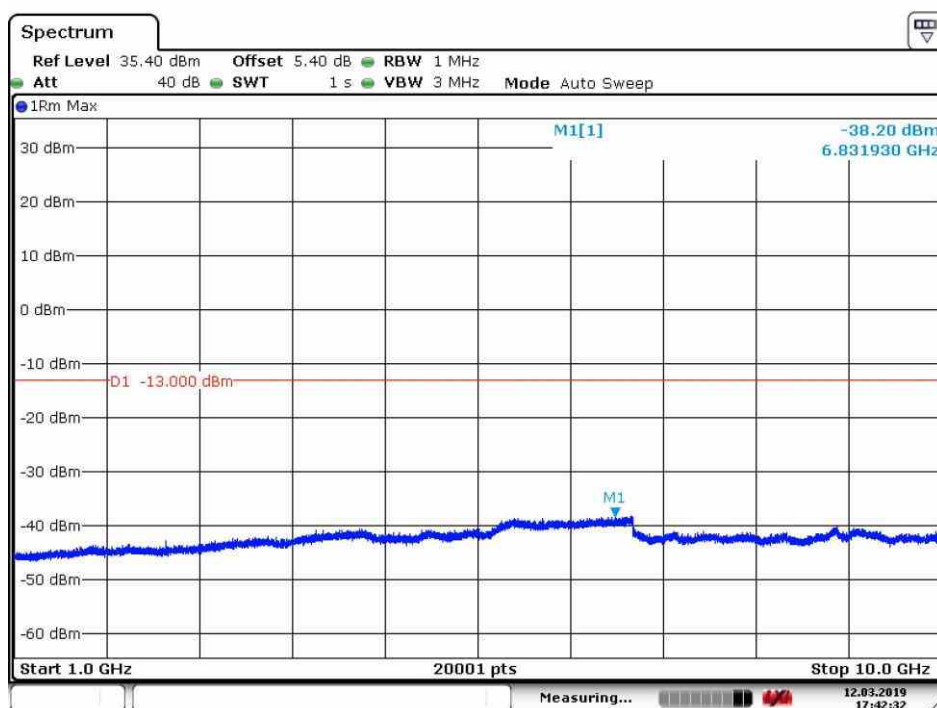
Date: 12.MAR.2019 17:42:58



6.1.3.1.3 Test Channel = HCH



Date: 12.MAR.2019 15:49:53



Date: 12.MAR.2019 17:42:32



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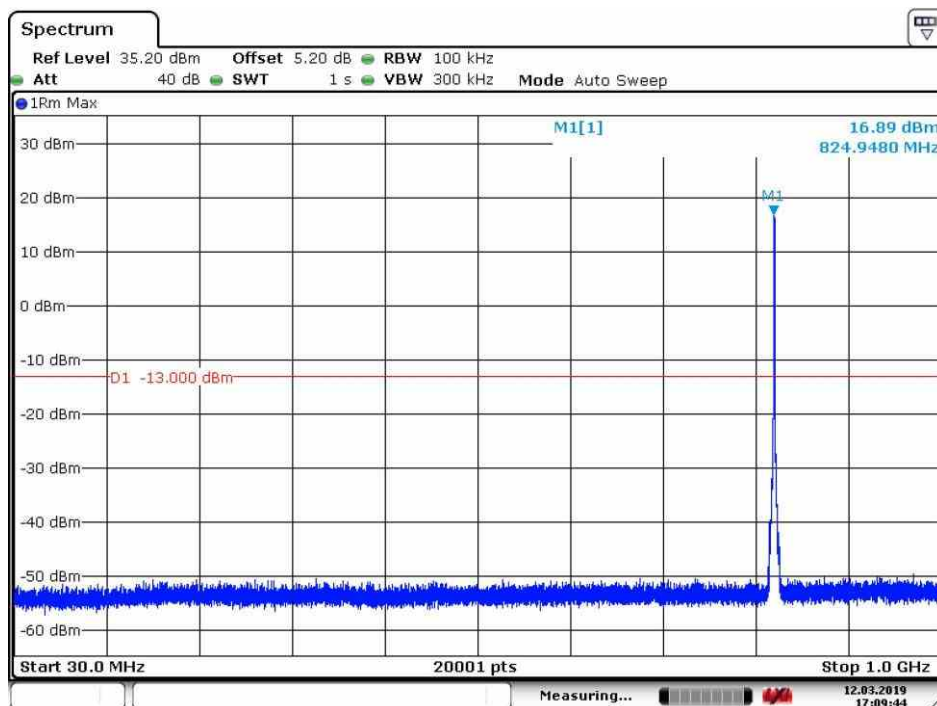


6.2 For EVDO

6.2.1 Test Band = EVDO BC0

6.2.1.1 Test Mode = EVDO /TM1

6.2.1.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:09:44

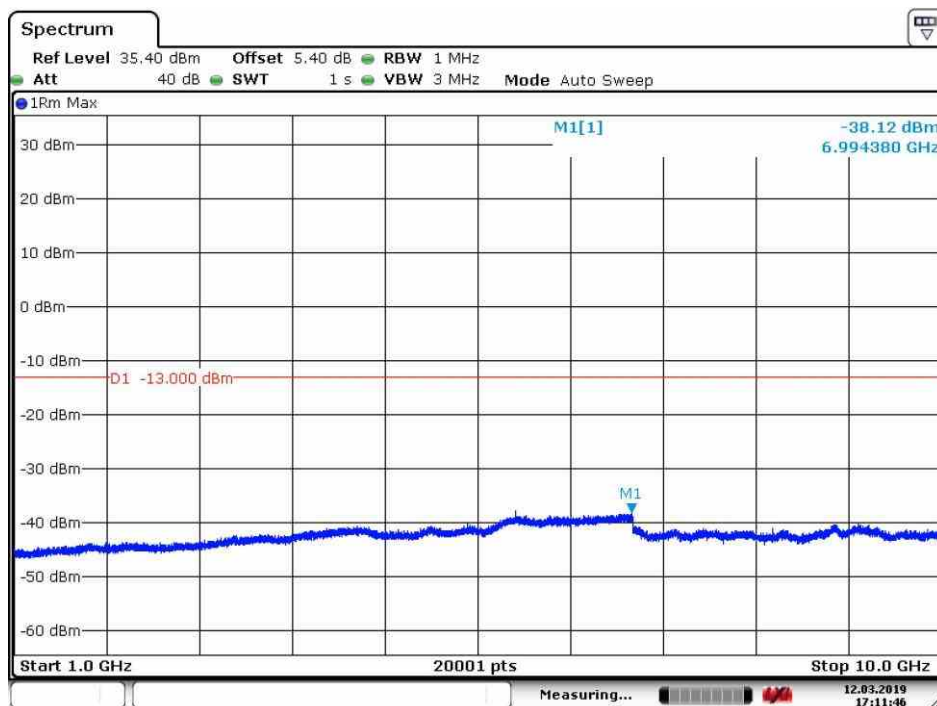


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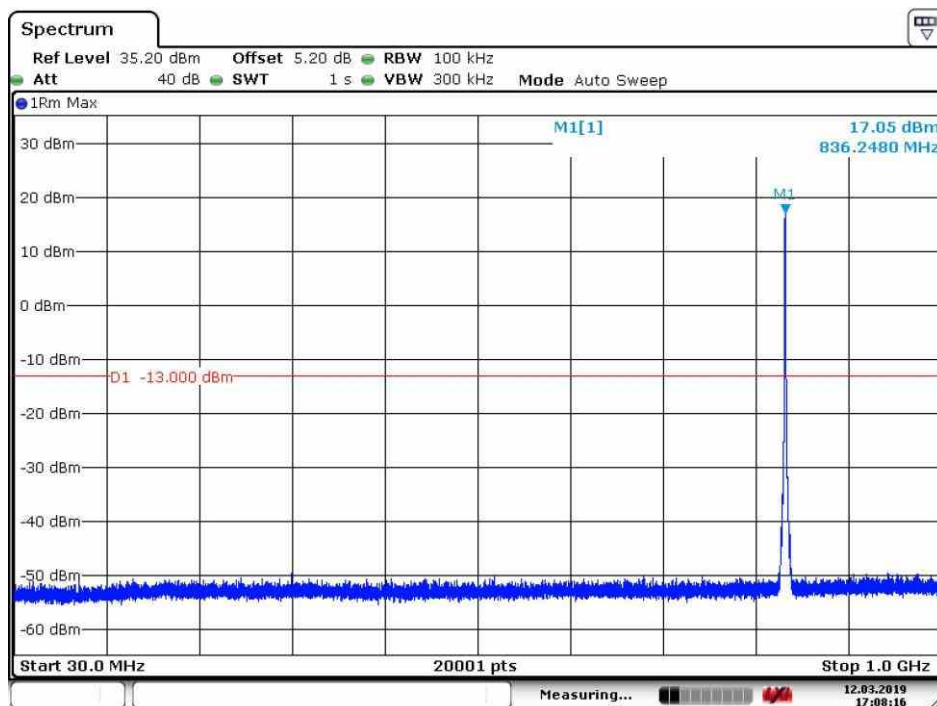
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Date: 12.MAR.2019 17:11:46

6.2.1.1.2 Test Channel = MCH



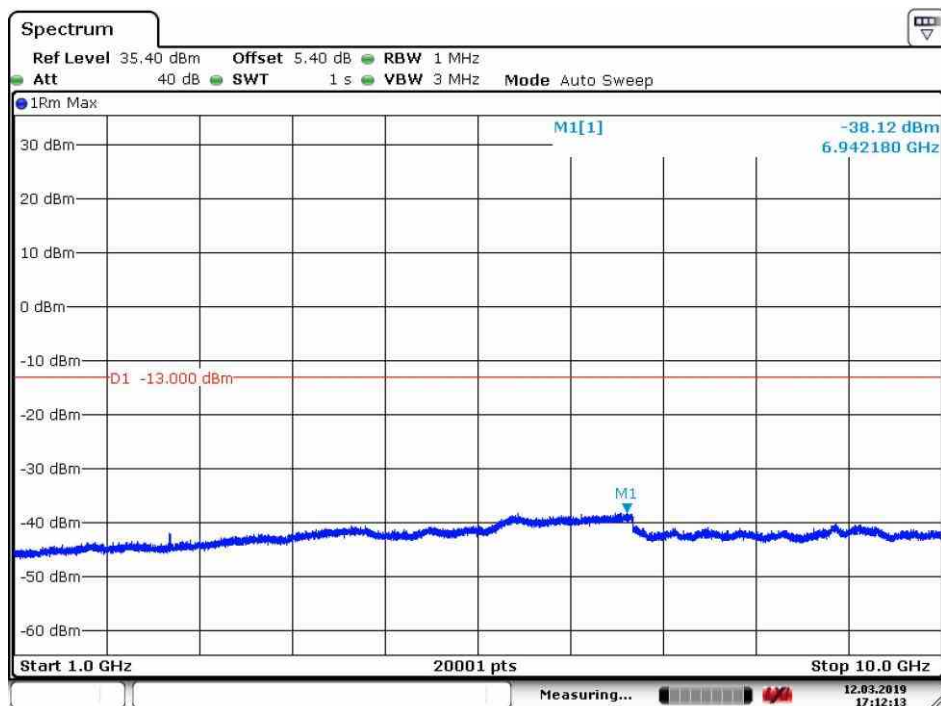
Date: 12.MAR.2019 17:08:17



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Date: 12.MAR.2019 17:12:13

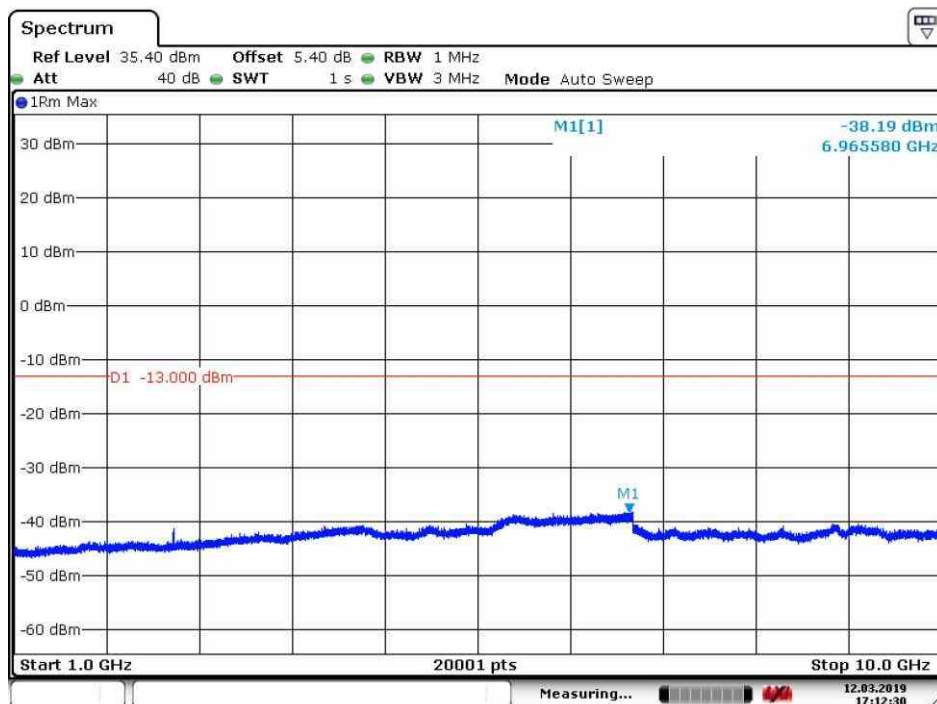


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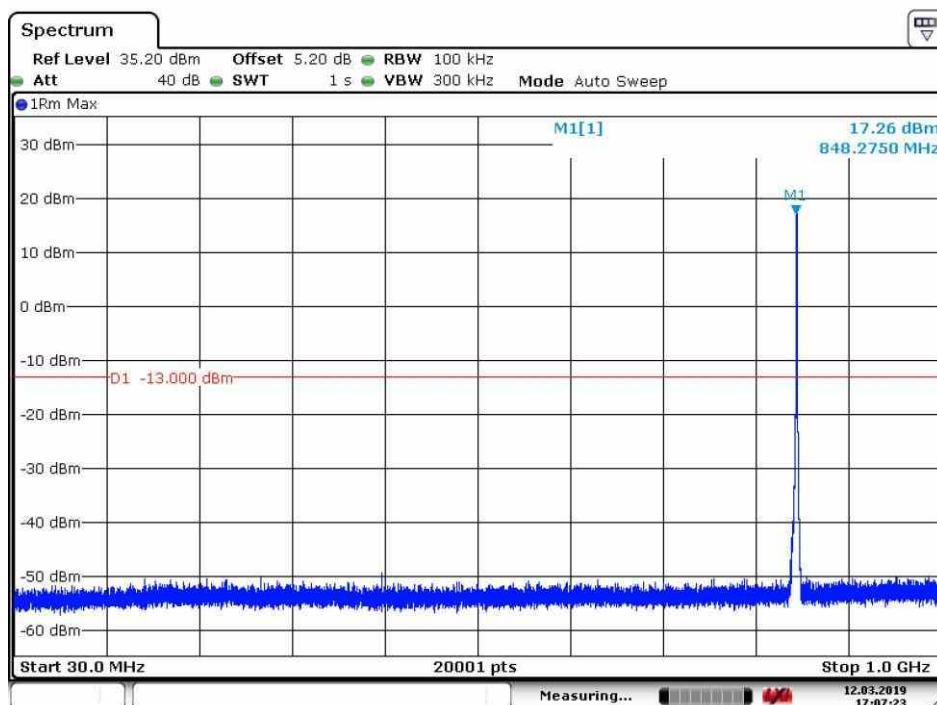
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6.2.1.1.3 Test Channel = HCH



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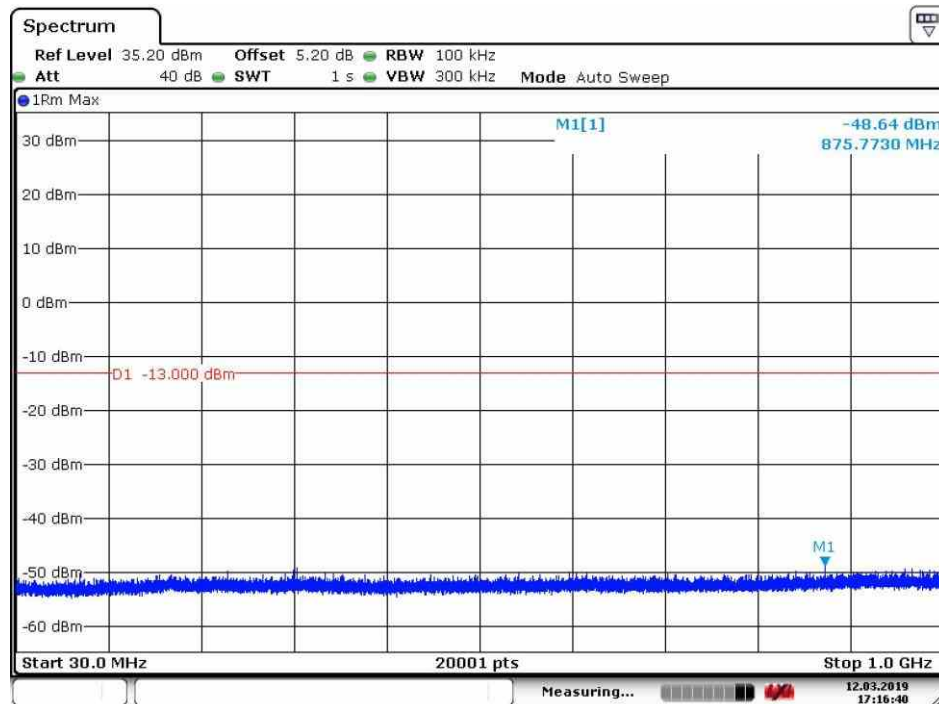
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6.2.2 Test Band = EVDO BC1

6.2.2.1 Test Mode = EVDO /TM1

6.2.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:16:40

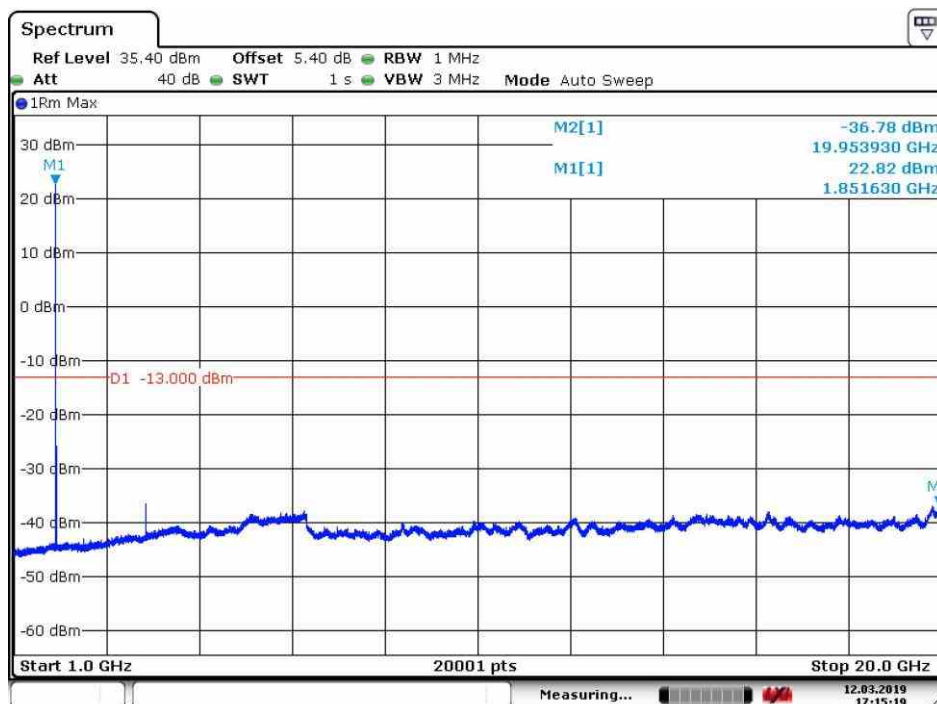


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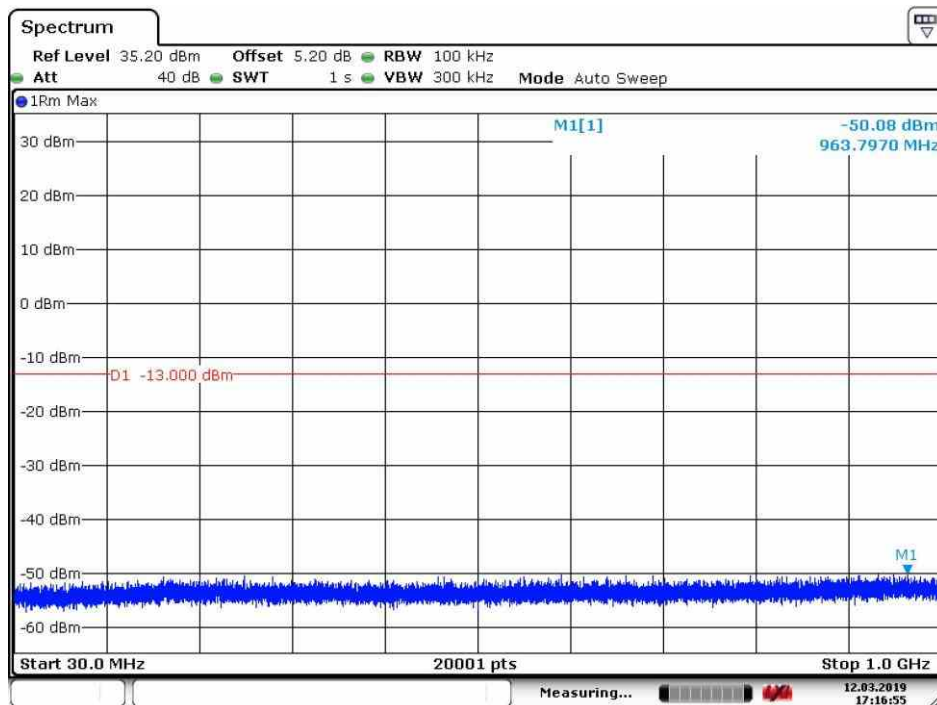
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Date: 12.MAR.2019 17:15:19

6.2.2.1.2 Test Channel = MCH



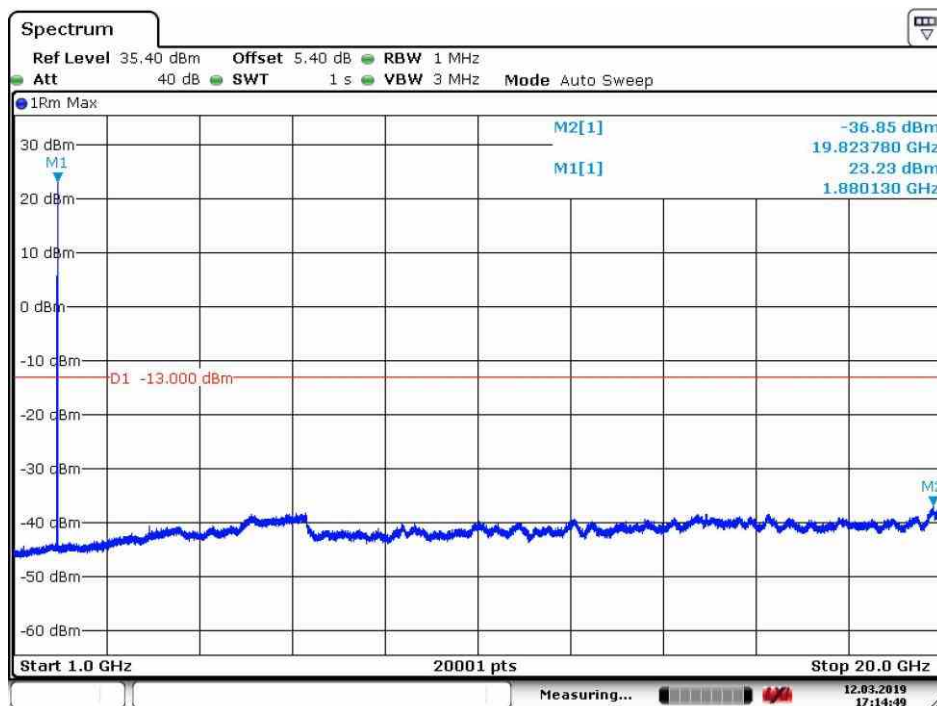
Date: 12.MAR.2019 17:16:55



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Date: 12.MAR.2019 17:14:49

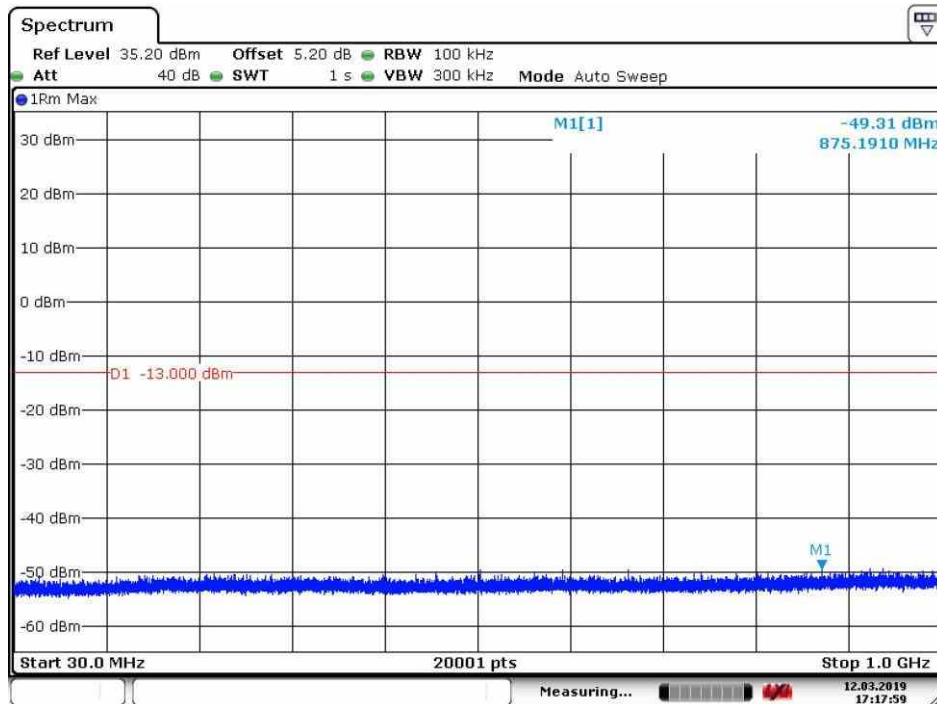


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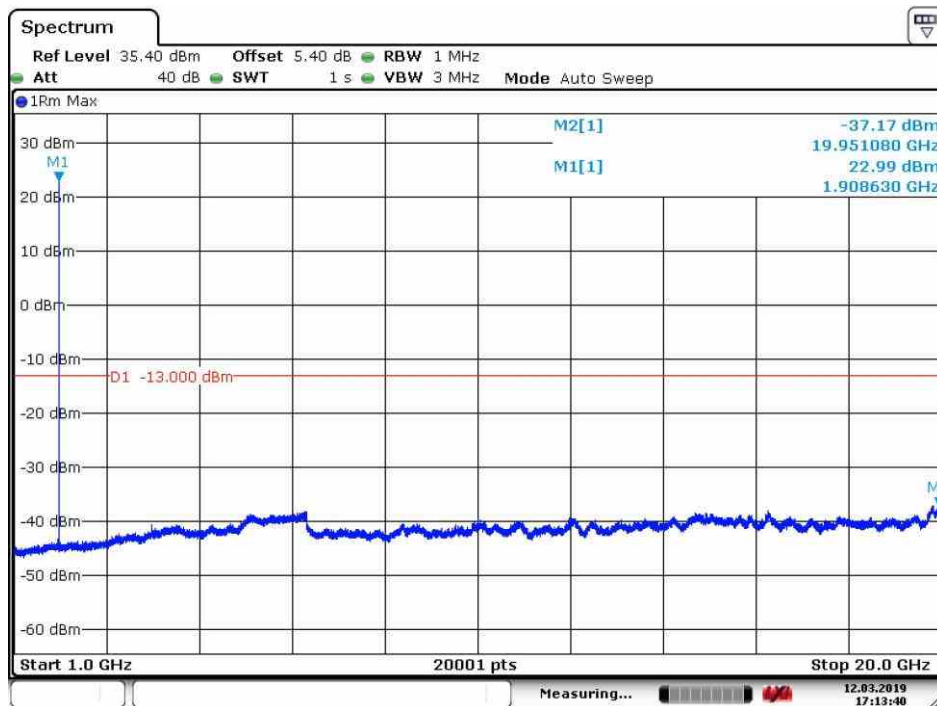
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6.2.2.1.3 Test Channel = HCH



Date: 12.MAR.2019 17:17:59



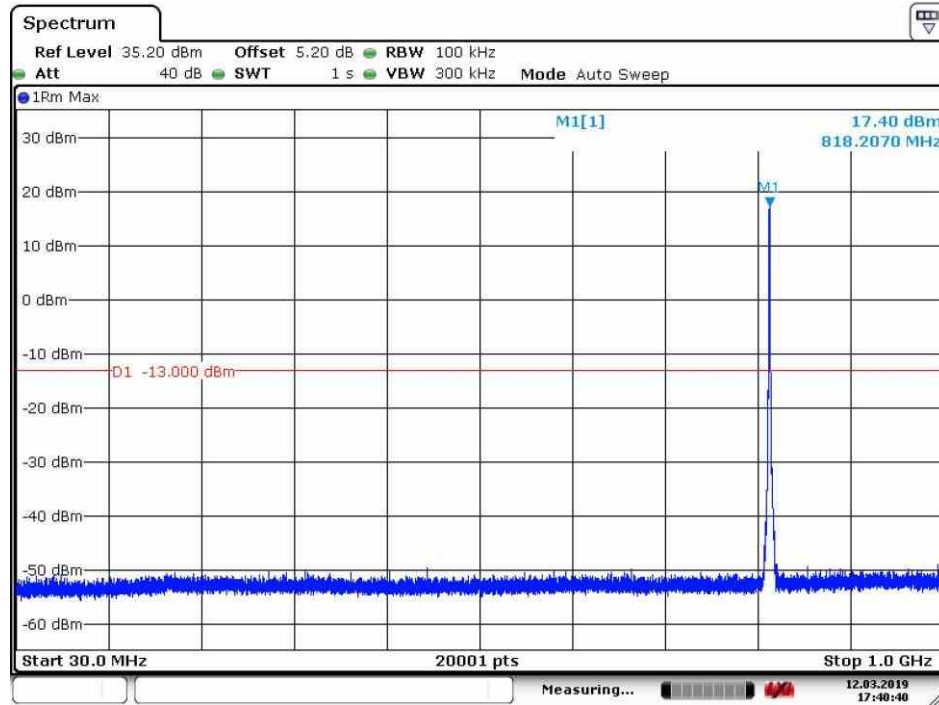
Date: 12.MAR.2019 17:13:40



6.2.3 Test Band = EVDO BC10

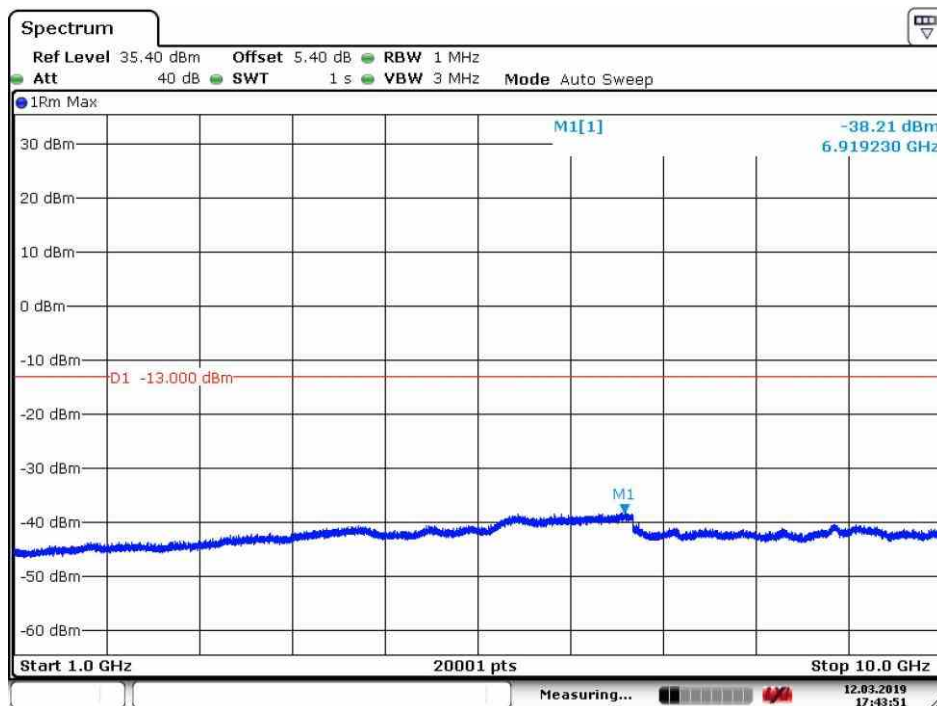
6.2.3.1 Test Mode = EVDO /TM1

6.2.3.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:40:41





Date: 12.MAR.2019 17:43:51

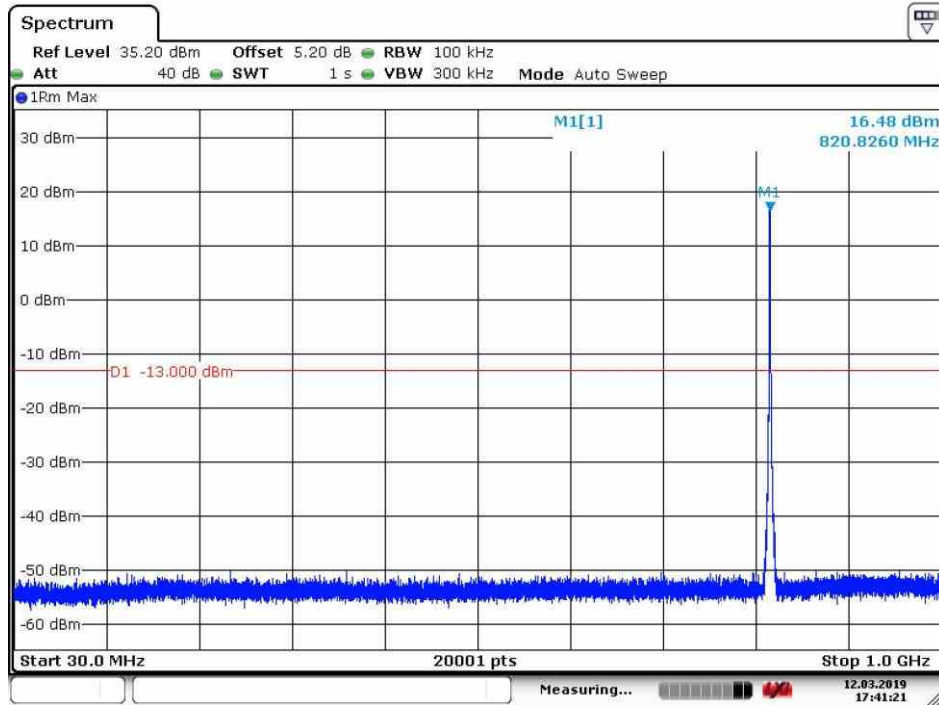


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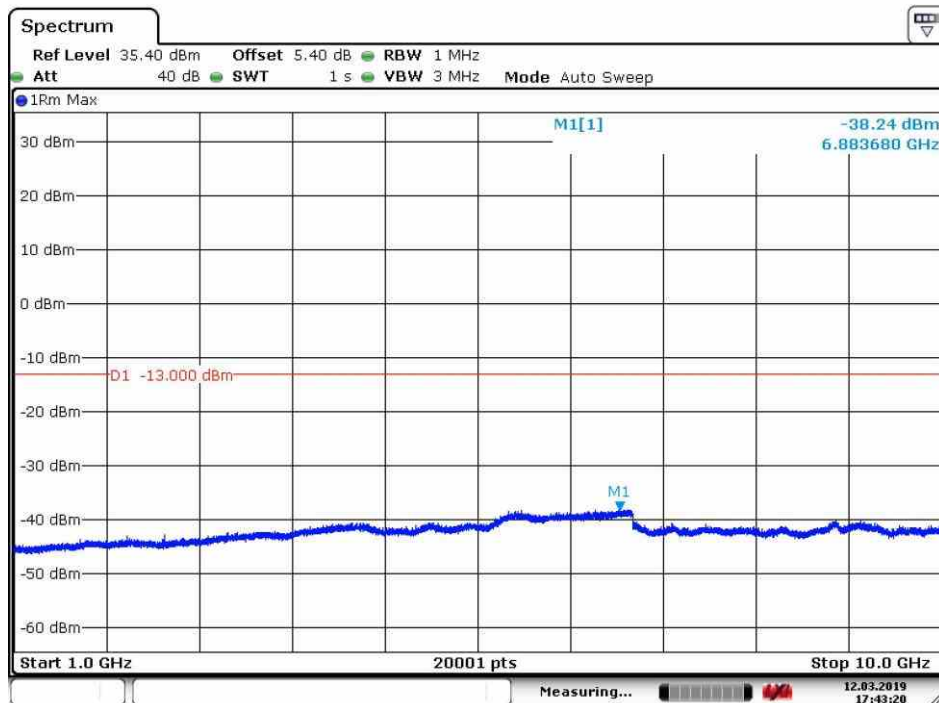
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6.2.3.1.2 Test Channel = MCH



Date: 12.MAR.2019 17:41:21

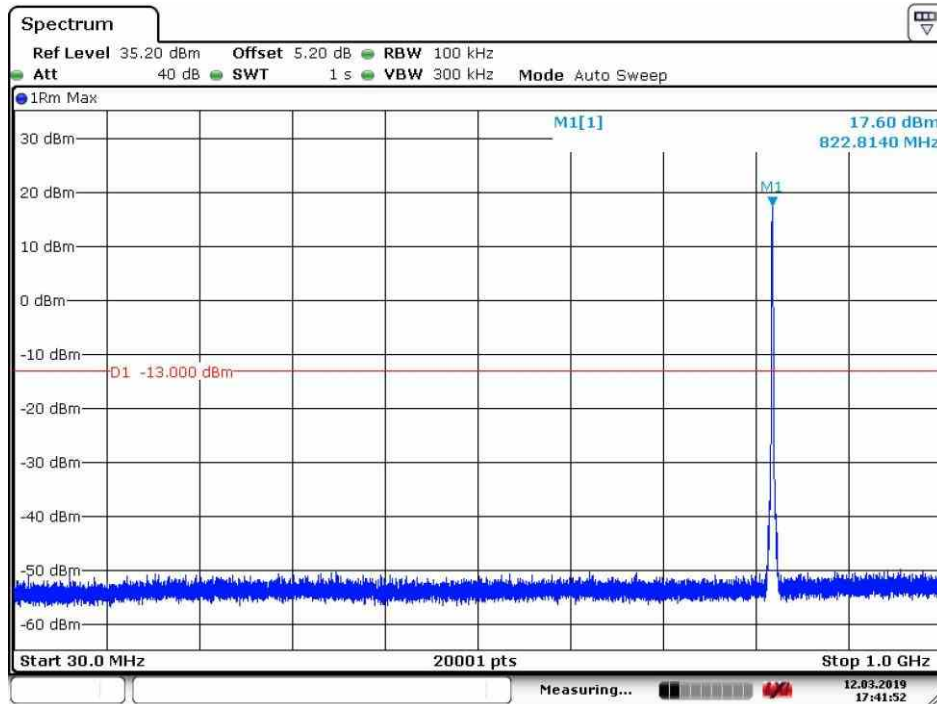


Date: 12.MAR.2019 17:43:20

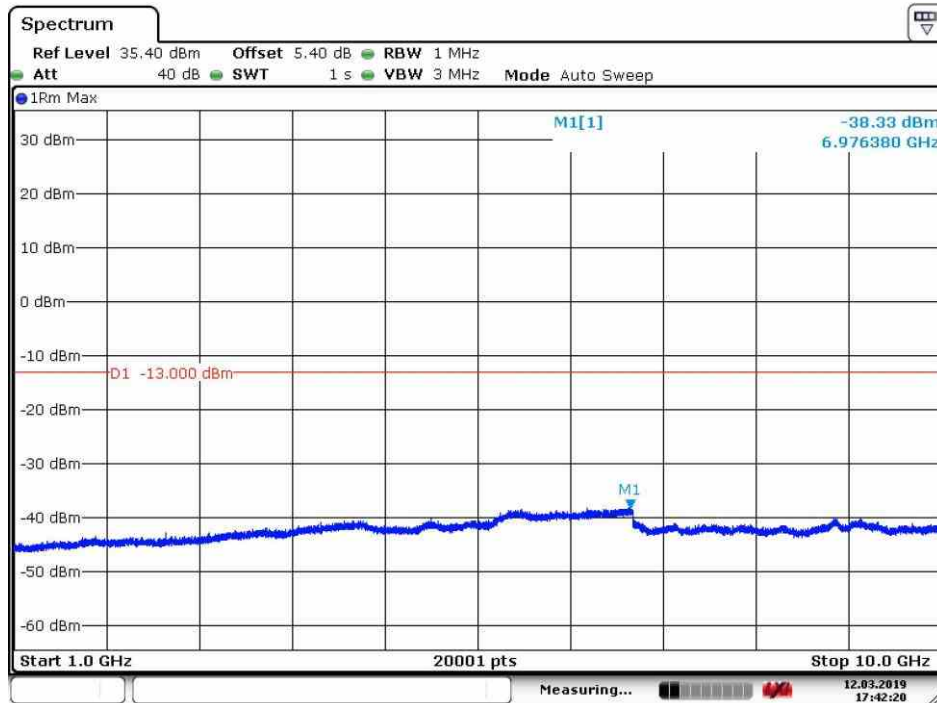




6.2.3.1.3 Test Channel = HCH



Date: 12.MAR.2019 17:41:53



Date: 12.MAR.2019 17:42:20



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
65.420000	-77.34	-13.00	64.34	Vertical
145.406667	-76.82	-13.00	63.82	Vertical
1649.500000	-61.96	-13.00	48.96	Vertical
2474.000000	-50.55	-13.00	37.55	Vertical
4121.737500	-66.95	-13.00	53.95	Vertical
6040.050000	-64.99	-13.00	51.99	Vertical
62.806667	-77.04	-13.00	64.04	Horizontal
104.293333	-81.76	-13.00	68.76	Horizontal
1649.000000	-59.09	-13.00	46.09	Horizontal
2473.500000	-53.31	-13.00	40.31	Horizontal
4124.662500	-65.93	-13.00	52.93	Horizontal
9068.887500	-61.50	-13.00	48.50	Horizontal

7.1.1.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
66.400000	-78.55	-36.00	42.55	Vertical
152.350000	-80.73	-36.00	44.73	Vertical
198.050000	-79.04	-36.00	43.04	Vertical
1672.500000	-58.64	-30.00	28.64	Vertical
2509.000000	-50.49	-30.00	20.49	Vertical
6481.237500	-64.91	-30.00	34.91	Vertical
62.100000	-77.38	-36.00	41.38	Horizontal
154.000000	-78.99	-36.00	42.99	Horizontal
197.200000	-74.59	-36.00	38.59	Horizontal
1672.500000	-57.80	-30.00	27.80	Horizontal
2509.000000	-53.95	-30.00	23.95	Horizontal
6284.287500	-65.31	-30.00	35.31	Horizontal



7.1.1.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.793333	-77.40	-13.00	64.40	Vertical
104.246667	-76.77	-13.00	63.77	Vertical
142.000000	-78.81	-13.00	65.81	Vertical
1696.000000	-61.73	-13.00	48.73	Vertical
2544.000000	-51.12	-13.00	38.12	Vertical
6053.212500	-64.76	-13.00	51.76	Vertical
62.480000	-76.96	-13.00	63.96	Horizontal
104.293333	-82.79	-13.00	69.79	Horizontal
1696.000000	-59.54	-13.00	46.54	Horizontal
2543.500000	-55.68	-13.00	42.68	Horizontal
3393.900000	-67.51	-13.00	54.51	Horizontal
4239.712500	-65.32	-13.00	52.32	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
73.9917	-64.69	-13.00	51.69	Vertical
115.1218	-65.49	-13.00	52.49	Vertical
1288.4577	-48.60	-13.00	35.60	Vertical
3702.0234	-41.66	-13.00	28.66	Vertical
5553.5851	-52.14	-13.00	39.14	Vertical
17989.9997	-35.06	-13.00	22.06	Vertical
48.4309	-67.14	-13.00	54.14	Horizontal
235.6988	-68.70	-13.00	55.70	Horizontal
1165.2330	-49.18	-13.00	36.18	Horizontal
3703.0234	-43.07	-13.00	30.07	Horizontal
9254.2085	-41.82	-13.00	28.82	Horizontal
16397.4466	-39.52	-13.00	26.52	Horizontal



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7.1.2.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
76.9503	-65.27	-13.00	52.27	Vertical
113.6182	-65.47	-13.00	52.47	Vertical
1238.4477	-48.87	-13.00	35.87	Vertical
3759.5253	-47.06	-13.00	34.06	Vertical
5639.0880	-52.52	-13.00	39.52	Vertical
16917.4639	-41.89	-13.00	28.89	Vertical
44.3082	-63.93	-13.00	50.93	Horizontal
242.2951	-68.19	-13.00	55.19	Horizontal
1190.8382	-49.09	-13.00	36.09	Horizontal
3759.5253	-48.32	-13.00	35.32	Horizontal
5639.0880	-49.76	-13.00	36.76	Horizontal
16401.4467	-39.16	-13.00	26.16	Horizontal

7.1.2.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
43.7747	-64.31	-13.00	51.31	Vertical
238.8999	-67.37	-13.00	54.37	Vertical
620.8565	-63.77	-13.00	50.77	Vertical
1649.3299	-48.99	-13.00	35.99	Vertical
2475.0950	-9.47	-13.00	-3.53	Vertical
4123.2374	-28.81	-13.00	15.81	Vertical
80.2000	-65.42	-13.00	52.42	Horizontal
111.9206	-65.10	-13.00	52.10	Horizontal
1213.6427	-48.96	-13.00	35.96	Horizontal
4600.0533	-58.00	-13.00	45.00	Horizontal
5725.5909	-48.86	-13.00	35.86	Horizontal
17974.4992	-35.32	-13.00	22.32	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
74.8647	-65.15	-13.00	52.15	Vertical
110.9991	-65.06	-13.00	52.06	Vertical
453.9112	-67.72	-13.00	54.72	Vertical
1635.3271	-55.39	-13.00	42.39	Vertical
2453.4907	-51.60	-13.00	38.60	Vertical
8834.7945	-52.18	-13.00	39.18	Vertical
45.5693	-64.30	-13.00	51.30	Horizontal
244.8172	-68.46	-13.00	55.46	Horizontal
557.9004	-64.89	-13.00	51.89	Horizontal
1635.3271	-55.99	-13.00	42.99	Horizontal
2454.6909	-52.47	-13.00	39.47	Horizontal
8791.9931	-51.96	-13.00	38.96	Horizontal

7.1.3.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.4539	-65.32	-13.00	52.32	Vertical
111.4841	-64.92	-13.00	51.92	Vertical
588.9419	-64.95	-13.00	51.95	Vertical
1640.5281	-57.45	-13.00	44.45	Vertical
2461.8924	-51.27	-13.00	38.27	Vertical
8786.3929	-52.27	-13.00	39.27	Vertical
43.4352	-56.26	-13.00	43.26	Horizontal
83.8862	-63.12	-13.00	50.12	Horizontal
237.2024	-68.25	-13.00	55.25	Horizontal
1641.3283	-56.50	-13.00	43.50	Horizontal
2461.0922	-47.80	-13.00	34.80	Horizontal
8795.1932	-52.16	-13.00	39.16	Horizontal



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7.1.3.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
79.8120	-64.93	-13.00	51.93	Vertical
110.6595	-65.05	-13.00	52.05	Vertical
575.9433	-64.89	-13.00	51.89	Vertical
1646.1292	-60.48	-13.00	47.48	Vertical
2468.6937	-49.69	-13.00	36.69	Vertical
8822.3941	-52.07	-13.00	39.07	Vertical
44.5507	-63.79	-13.00	50.79	Horizontal
80.3455	-72.51	-13.00	59.51	Horizontal
242.5861	-68.94	-13.00	55.94	Horizontal
1645.3291	-55.38	-13.00	42.38	Horizontal
2469.0938	-50.44	-13.00	37.44	Horizontal
8833.5945	-52.59	-13.00	39.59	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
75.9318	-64.44	-13.00	51.44	Vertical
110.7565	-62.36	-13.00	49.36	Vertical
466.5703	-64.47	-13.00	51.47	Vertical
1649.3299	-61.12	-13.00	48.12	Vertical
2474.6949	-47.54	-13.00	34.54	Vertical
7990.9664	-52.94	-13.00	39.94	Vertical
43.8232	-63.11	-13.00	50.11	Horizontal
238.3179	-65.61	-13.00	52.61	Horizontal
371.2146	-66.55	-13.00	53.55	Horizontal
1649.7299	-56.07	-13.00	43.07	Horizontal
2463.0926	-31.09	-13.00	18.09	Horizontal
8807.3936	-52.03	-13.00	39.03	Horizontal



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7.2.1.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
75.3983	-63.70	-13.00	50.70	Vertical
111.7266	-63.15	-13.00	50.15	Vertical
539.5180	-63.83	-13.00	50.83	Vertical
1672.5345	-57.62	-13.00	44.62	Vertical
2509.1018	-48.59	-13.00	35.59	Vertical
8843.5948	-52.53	-13.00	39.53	Vertical
44.6477	-62.56	-13.00	49.56	Horizontal
228.7144	-66.57	-13.00	53.57	Horizontal
548.3454	-62.47	-13.00	49.47	Horizontal
1672.5345	-59.18	-13.00	46.18	Horizontal
2464.2929	-34.02	-13.00	21.02	Horizontal
8815.3938	-52.62	-13.00	39.62	Horizontal

7.2.1.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
75.7378	-64.07	-13.00	51.07	Vertical
109.2530	-63.34	-13.00	50.34	Vertical
471.7116	-64.53	-13.00	51.53	Vertical
1696.1392	-56.34	-13.00	43.34	Vertical
2471.0942	-48.80	-13.00	35.80	Vertical
2545.5091	-50.38	-13.00	37.38	Vertical
41.8346	-63.47	-13.00	50.47	Horizontal
230.7515	-66.28	-13.00	53.28	Horizontal
577.4469	-61.71	-13.00	48.71	Horizontal
1696.9394	-56.31	-13.00	43.31	Horizontal
2454.2909	-39.51	-13.00	26.51	Horizontal
8862.5954	-52.52	-13.00	39.52	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
75.3983	-63.61	-13.00	50.61	Vertical
109.9320	-65.30	-13.00	52.30	Vertical
1224.0448	-48.99	-13.00	35.99	Vertical
3703.0234	-42.59	-13.00	29.59	Vertical
7403.6468	-53.84	-13.00	40.84	Vertical
17995.9999	-36.17	-13.00	23.17	Vertical
44.0657	-64.48	-13.00	51.48	Horizontal
224.4462	-69.35	-13.00	56.35	Horizontal
1182.8366	-49.33	-13.00	36.33	Horizontal
3702.0234	-44.80	-13.00	31.80	Horizontal
7403.6468	-45.49	-13.00	32.49	Horizontal
16387.4462	-40.08	-13.00	27.08	Horizontal

7.2.2.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
75.7863	-62.95	-13.00	49.95	Vertical
109.5440	-65.24	-13.00	52.24	Vertical
1141.2282	-49.40	-13.00	36.40	Vertical
3760.5254	-49.41	-13.00	36.41	Vertical
9006.7002	-51.77	-13.00	38.77	Vertical
17974.4992	-35.94	-13.00	22.94	Vertical
47.7034	-66.03	-13.00	53.03	Horizontal
248.1639	-69.06	-13.00	56.06	Horizontal
1218.4437	-49.03	-13.00	36.03	Horizontal
3759.5253	-49.51	-13.00	36.51	Horizontal
7521.1507	-46.55	-13.00	33.55	Horizontal
9401.7134	-45.94	-13.00	32.94	Horizontal



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7.2.2.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
75.6408	-63.53	-13.00	50.53	Vertical
110.0290	-65.17	-13.00	52.17	Vertical
1152.4305	-49.44	-13.00	36.44	Vertical
3817.0272	-52.93	-13.00	39.93	Vertical
5727.0909	-53.26	-13.00	40.26	Vertical
17995.9999	-35.82	-13.00	22.82	Vertical
45.3753	-64.89	-13.00	51.89	Horizontal
241.1311	-68.90	-13.00	55.90	Horizontal
1206.8414	-49.09	-13.00	36.09	Horizontal
5727.0909	-47.24	-13.00	34.24	Horizontal
7634.6545	-50.36	-13.00	37.36	Horizontal
9543.7181	-47.13	-13.00	34.13	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
75.6893	-62.57	-13.00	49.57	Vertical
111.8236	-63.02	-13.00	50.02	Vertical
426.7983	-66.04	-13.00	53.04	Vertical
1635.3271	-56.27	-13.00	43.27	Vertical
2463.4927	-40.17	-13.00	27.17	Vertical
8812.5938	-52.92	-13.00	39.92	Vertical
44.0657	-63.14	-13.00	50.14	Horizontal
233.0312	-65.19	-13.00	52.19	Horizontal
601.6011	-60.92	-13.00	47.92	Horizontal
1636.1272	-56.32	-13.00	43.32	Horizontal
2453.0906	-53.29	-13.00	40.29	Horizontal
8802.3934	-52.76	-13.00	39.76	Horizontal



7.2.3.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
75.6408	-62.15	-13.00	49.15	Vertical
114.3942	-62.86	-13.00	49.86	Vertical
382.5156	-65.67	-13.00	52.67	Vertical
1640.5281	-59.61	-13.00	46.61	Vertical
2461.4923	-50.03	-13.00	37.03	Vertical
8817.1939	-52.23	-13.00	39.23	Vertical
46.1513	-62.59	-13.00	49.59	Horizontal
244.8172	-66.04	-13.00	53.04	Horizontal
520.7475	-63.78	-13.00	50.78	Horizontal
1640.5281	-57.50	-13.00	44.50	Horizontal
2461.0922	-52.14	-13.00	39.14	Horizontal
8808.3936	-52.93	-13.00	39.93	Horizontal

7.2.3.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
75.3498	-62.03	-13.00	49.03	Vertical
116.3343	-63.46	-13.00	50.46	Vertical
507.8459	-64.46	-13.00	51.46	Vertical
1646.5293	-61.52	-13.00	48.52	Vertical
2469.4939	-48.55	-13.00	35.55	Vertical
8923.5975	-52.63	-13.00	39.63	Vertical
44.3082	-62.98	-13.00	49.98	Horizontal
228.7144	-67.00	-13.00	54.00	Horizontal
585.4013	-61.89	-13.00	48.89	Horizontal
1645.7291	-57.93	-13.00	44.93	Horizontal
2458.6917	-24.14	-13.00	11.14	Horizontal
8828.9943	-52.42	-13.00	39.42	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	-6.97	-0.008452	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	TN	VN	-5.86	-0.007100	±2.5	PASS
CDMA BC0	CDMA/TM1	LCH	TN	VH	-13.34	-0.016172	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	TN	VL	-12.33	-0.014736	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	TN	VN	12.90	0.015427	±2.5	PASS
CDMA BC0	CDMA/TM1	MCH	TN	VH	12.21	0.014592	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	TN	VL	-6.01	-0.007084	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	TN	VN	12.49	0.014723	±2.5	PASS
CDMA BC0	CDMA/TM1	HCH	TN	VH	-5.07	-0.005973	±2.5	PASS
EVDO BC0	EVDO /TM1	LCH	TN	VL	-7.30	-0.008847	±2.5	PASS
EVDO BC0	EVDO /TM1	LCH	TN	VN	-10.77	-0.013055	±2.5	PASS
EVDO BC0	EVDO /TM1	LCH	TN	VH	-10.74	-0.013018	±2.5	PASS
EVDO BC0	EVDO /TM1	MCH	TN	VL	-14.53	-0.017369	±2.5	PASS
EVDO BC0	EVDO /TM1	MCH	TN	VN	-11.07	-0.013232	±2.5	PASS
EVDO BC0	EVDO /TM1	MCH	TN	VH	-11.78	-0.014086	±2.5	PASS
EVDO BC0	EVDO /TM1	HCH	TN	VL	-1.59	-0.001877	±2.5	PASS
EVDO BC0	EVDO /TM1	HCH	TN	VN	-8.28	-0.009758	±2.5	PASS
EVDO BC0	EVDO /TM1	HCH	TN	VH	-7.07	-0.008333	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	TN	VL	10.98	0.005934	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	TN	VN	5.15	0.002781	±2.5	PASS
CDMA BC1	CDMA/TM1	LCH	TN	VH	-13.95	-0.007537	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	TN	VL	-1.22	-0.000651	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	TN	VN	-6.09	-0.003237	±2.5	PASS
CDMA BC1	CDMA/TM1	MCH	TN	VH	0.25	0.000132	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	TN	VL	-12.56	-0.006578	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	TN	VN	-5.73	-0.003000	±2.5	PASS
CDMA BC1	CDMA/TM1	HCH	TN	VH	5.92	0.003104	±2.5	PASS
EVDO BC1	EVDO /TM1	LCH	TN	VL	11.66	0.006296	±2.5	PASS
EVDO BC1	EVDO /TM1	LCH	TN	VN	7.75	0.004186	±2.5	PASS
EVDO BC1	EVDO /TM1	LCH	TN	VH	-3.41	-0.001841	±2.5	PASS
EVDO BC1	EVDO /TM1	MCH	TN	VL	0.94	0.000500	±2.5	PASS
EVDO BC1	EVDO /TM1	MCH	TN	VN	-3.21	-0.001706	±2.5	PASS
EVDO BC1	EVDO /TM1	MCH	TN	VH	-2.11	-0.001123	±2.5	PASS
EVDO BC1	EVDO /TM1	HCH	TN	VL	11.96	0.006265	±2.5	PASS
EVDO BC1	EVDO /TM1	HCH	TN	VN	-11.27	-0.005902	±2.5	PASS
EVDO BC1	EVDO /TM1	HCH	TN	VH	3.84	0.002013	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	TN	VL	11.72	0.014328	±2.5	PASS



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CDMA BC10	CDMA/TM1	LCH	TN	VN	10.85	0.013266	±2.5	PASS
CDMA BC10	CDMA/TM1	LCH	TN	VH	-10.01	-0.012241	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	TN	VL	10.81	0.013178	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	TN	VN	-8.98	-0.010948	±2.5	PASS
CDMA BC10	CDMA/TM1	MCH	TN	VH	3.17	0.003864	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	TN	VL	-9.33	-0.011333	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	TN	VN	-14.30	-0.017379	±2.5	PASS
CDMA BC10	CDMA/TM1	HCH	TN	VH	-7.76	-0.009428	±2.5	PASS
EVDO BC10	EVDO /TM1	LCH	TN	VL	-2.04	-0.002496	±2.5	PASS
EVDO BC10	EVDO /TM1	LCH	TN	VN	12.83	0.015683	±2.5	PASS
EVDO BC10	EVDO /TM1	LCH	TN	VH	3.16	0.003859	±2.5	PASS
EVDO BC10	EVDO /TM1	MCH	TN	VL	13.09	0.015956	±2.5	PASS
EVDO BC10	EVDO /TM1	MCH	TN	VN	9.43	0.011492	±2.5	PASS
EVDO BC10	EVDO /TM1	MCH	TN	VH	-13.44	-0.016375	±2.5	PASS
EVDO BC10	EVDO /TM1	HCH	TN	VL	9.74	0.011838	±2.5	PASS
EVDO BC10	EVDO /TM1	HCH	TN	VN	-6.73	-0.008182	±2.5	PASS
EVDO BC10	EVDO /TM1	HCH	TN	VH	6.38	0.007750	±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



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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
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



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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



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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



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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

