



Appendix B

CDMA BC0/BC1/BC10 EVDO BC0/BC1/BC10

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1 Effective (Isotropic) Radiated Power Output Data

Part I - Test Results of CDMA

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
CDMA BC1	CDMA /TM1	LCH	22.31	25.14	33.00	PASS
CDMA BC1	CDMA /TM1	MCH	22.28	25.11	33.00	PASS
CDMA BC1	CDMA /TM1	HCH	22.48	25.31	33.00	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
CDMA BC0	CDMA /TM1	LCH	23.89	23.55	38.45	PASS
CDMA BC0	CDMA /TM1	MCH	23.94	23.60	38.45	PASS
CDMA BC0	CDMA /TM1	HCH	23.78	23.44	38.45	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	Limit [dBm]	Verdict
CDMA BC10	CDMA /TM1	LCH	23.89	50.00	PASS
CDMA BC10	CDMA /TM1	MCH	23.79	50.00	PASS
CDMA BC10	CDMA /TM1	HCH	23.73	50.00	PASS

Part II - Test Results of EVDO

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
EVDO BC1	EVDO /TM1	LCH	22.41	25.24	33.00	PASS
EVDO BC1	EVDO /TM1	MCH	22.38	25.21	33.00	PASS
EVDO BC1	EVDO /TM1	HCH	22.49	25.32	33.00	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	ERP [dBm]	Limit [dBm]	Verdict
EVDO BC0	EVDO /TM1	LCH	23.92	23.58	38.45	PASS
EVDO BC0	EVDO /TM1	MCH	24.01	23.67	38.45	PASS
EVDO BC0	EVDO /TM1	HCH	23.89	23.55	38.45	PASS

Test Band	Test Mode	Test Channel	Conducted Power [dBm]	Limit [dBm]	Verdict
EVDO BC10	EVDO /TM1	LCH	24.09	50.00	PASS
EVDO BC10	EVDO /TM1	MCH	23.99	50.00	PASS
EVDO BC10	EVDO /TM1	HCH	23.92	50.00	PASS

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a: For getting the ERP (Efficient Radiated Power), the following formula should be taken to calculate it,

$$\text{ERP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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2 Peak-to-Average Ratio

Part I - Test Results of CDMA and EVDO

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
BC0	CDMA /TM1	LCH	3.91	13.00	PASS
BC0	CDMA /TM1	MCH	4.64	13.00	PASS
BC0	CDMA /TM1	HCH	3.65	13.00	PASS
BC1	CDMA /TM1	LCH	3.07	13.00	PASS
BC1	CDMA /TM1	MCH	3.25	13.00	PASS
BC1	CDMA /TM1	HCH	2.64	13.00	PASS
BC10	CDMA/TM1	LCH	3.30	13.00	PASS
BC10	CDMA/TM1	MCH	3.30	13.00	PASS
BC10	CDMA/TM1	HCH	3.77	13.00	PASS
BC0	EVDO /TM1	LCH	4.78	13.00	PASS
BC0	EVDO /TM1	MCH	4.29	13.00	PASS
BC0	EVDO /TM1	HCH	3.62	13.00	PASS
BC1	EVDO /TM1	LCH	3.30	13.00	PASS
BC1	EVDO /TM1	MCH	3.71	13.00	PASS
BC1	EVDO /TM1	HCH	2.96	13.00	PASS
BC10	EVDO /TM1	LCH	3.91	13.00	PASS
BC10	EVDO /TM1	MCH	3.94	13.00	PASS
BC10	EVDO /TM1	HCH	4.41	13.00	PASS

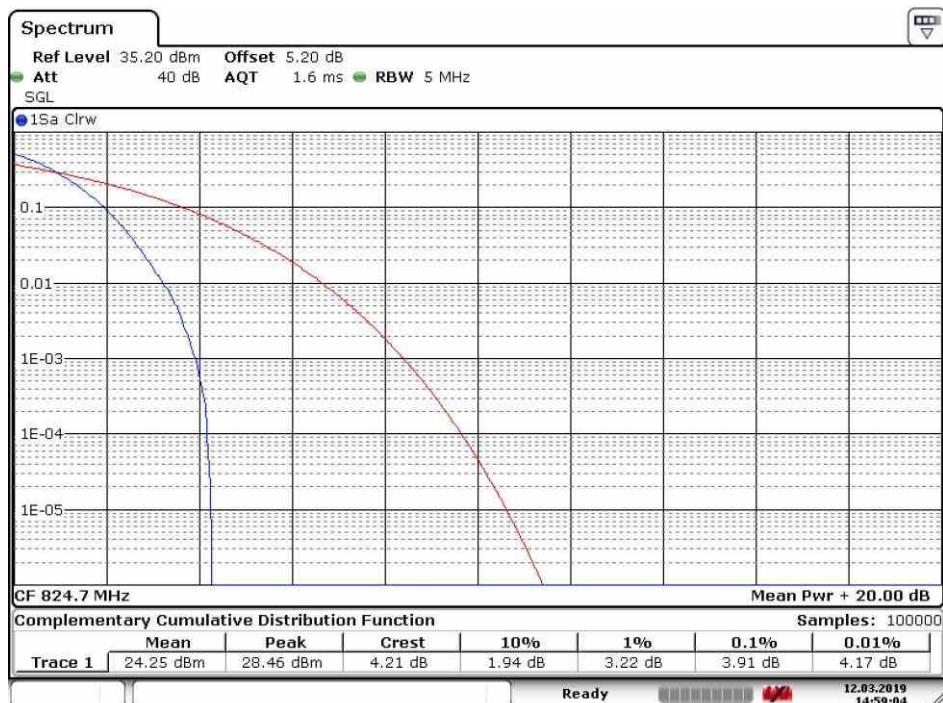
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Part II - Test Plots**2.1 For CDMA****2.1.1 Test Band = CDMA BC0****2.1.1.1 Test Mode = CDMA /TM1****2.1.1.1.1 Test Channel = LCH**

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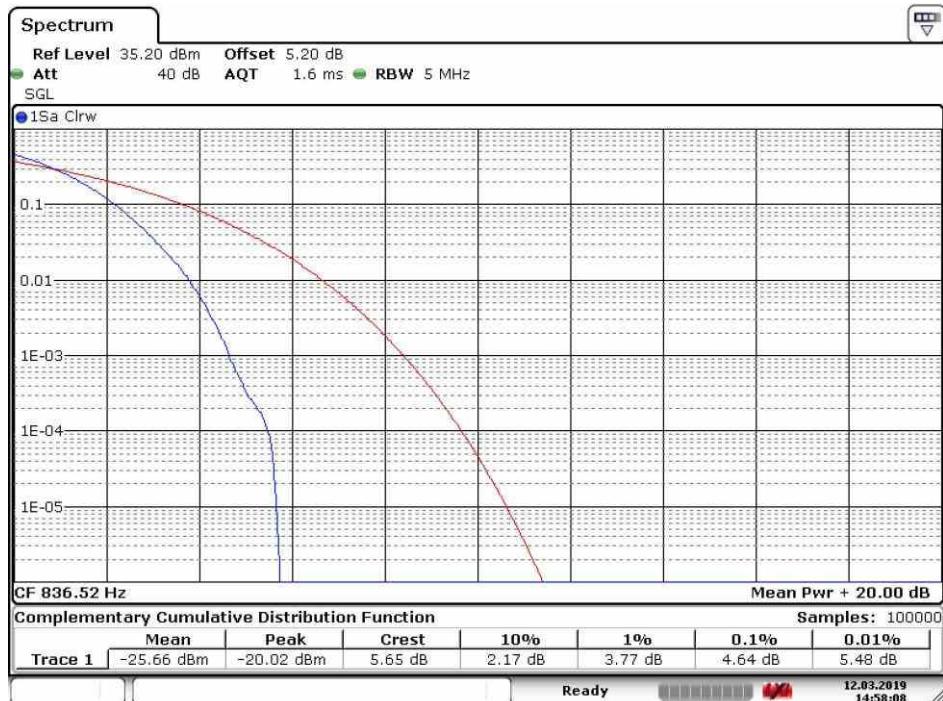
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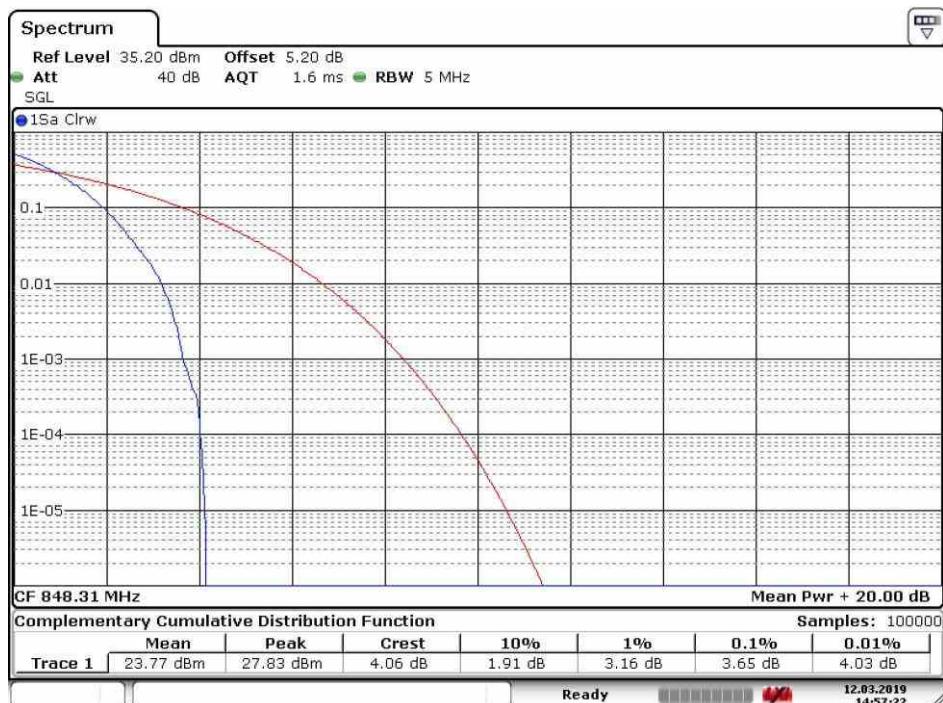
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2.1.1.1.2 Test Channel = MCH



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2.1.1.1.3 Test Channel = HCH



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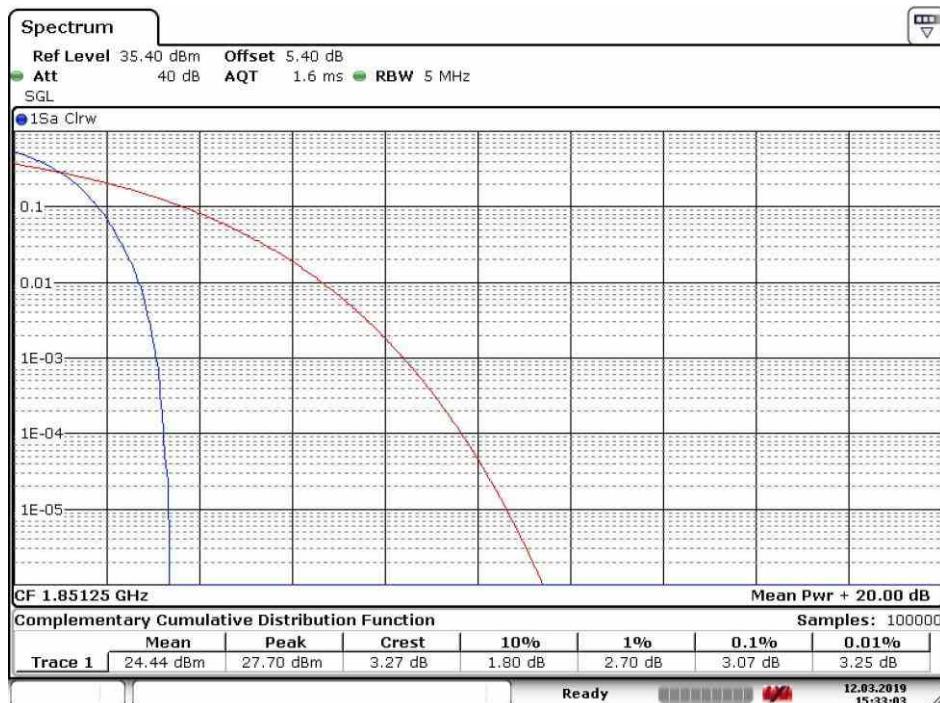


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2.1.2 Test Band = CDMA BC1

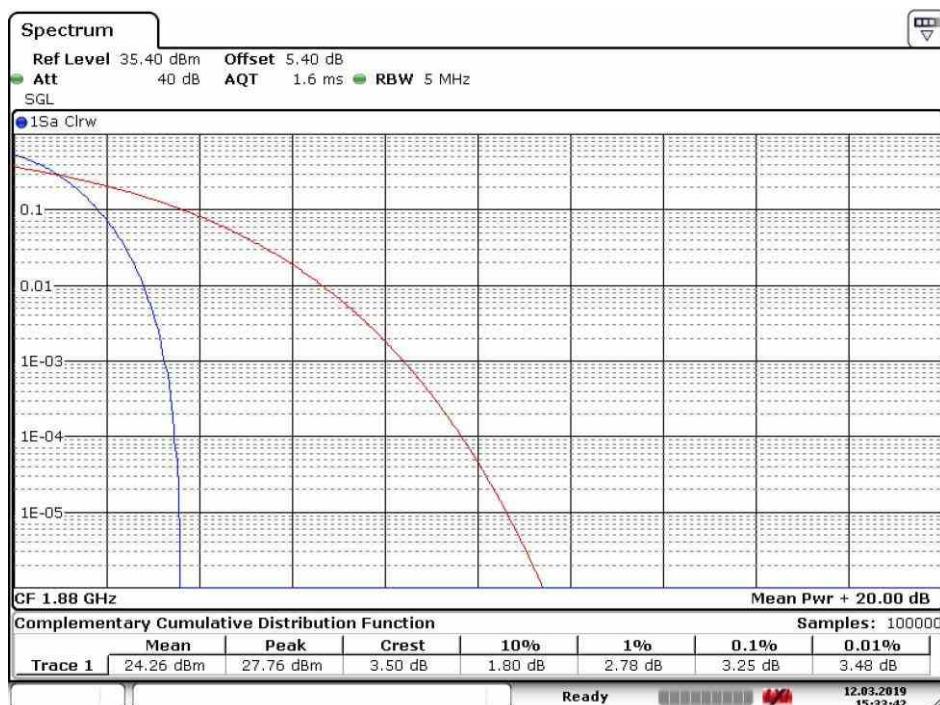
2.1.2.1 Test Mode = CDMA /TM1

2.1.2.1.1 Test Channel = LCH



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2.1.2.1.2 Test Channel = MCH



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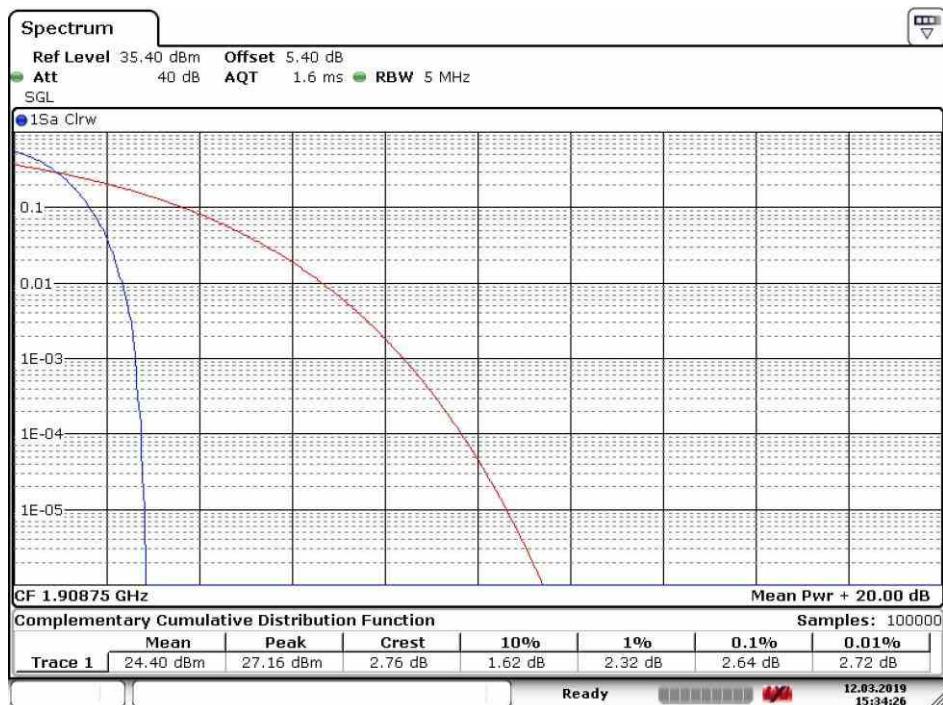
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2.1.2.1.3 Test Channel = HCH



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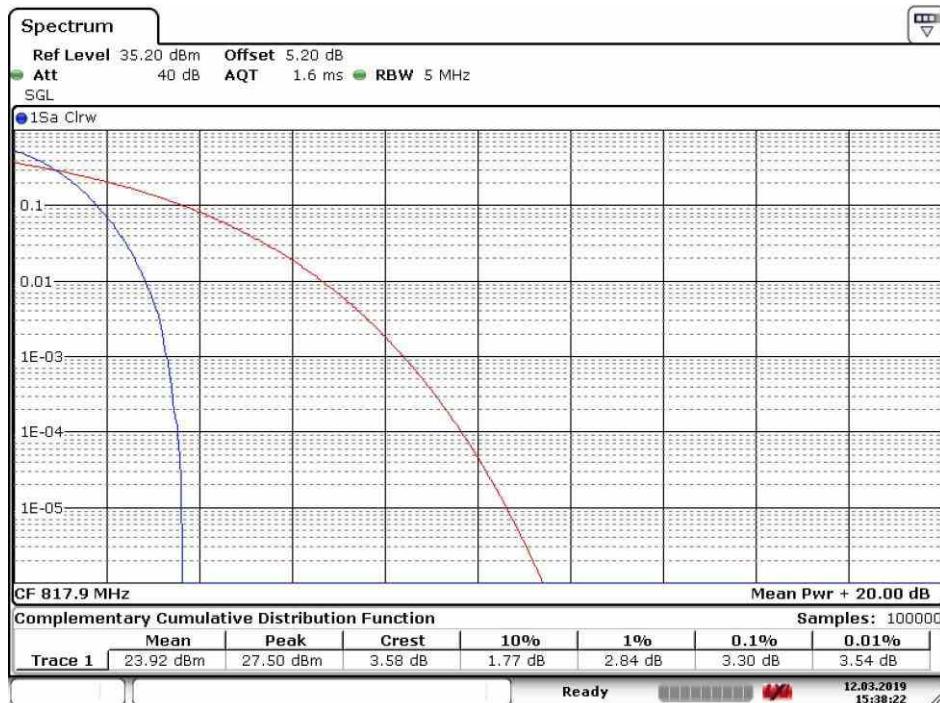


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2.1.3 Test Band = CDMA BC10

2.1.3.1 Test Mode = CDMA /TM1

2.1.3.1.1 Test Channel = LCH



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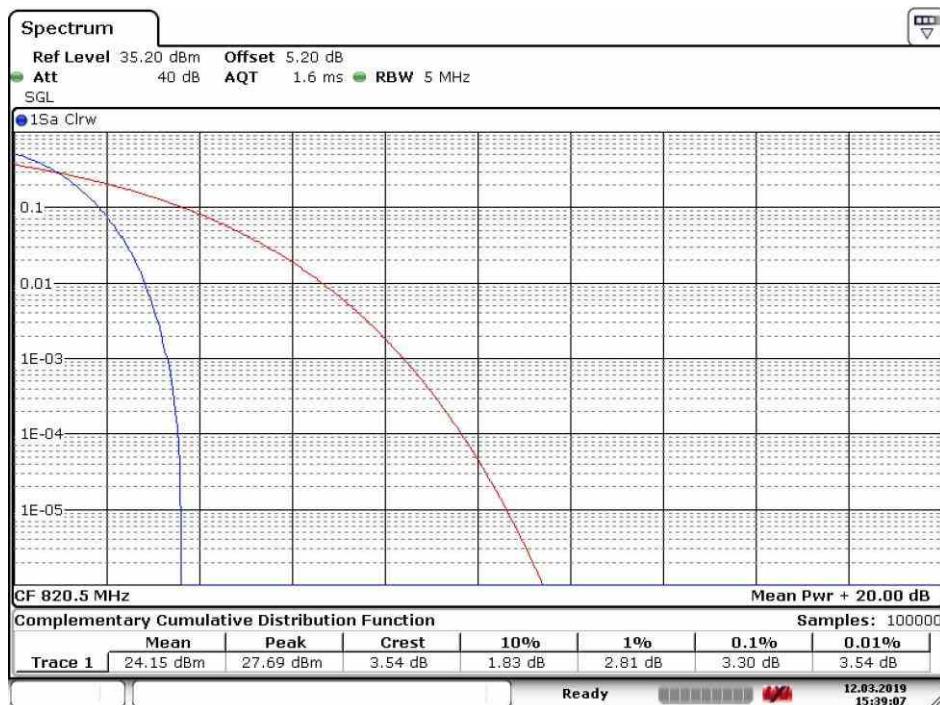
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2.1.3.1.2 Test Channel = MCH



Date: 12.MAR.2019 15:39:07

2.1.3.1.3 Test Channel = HCH



Date: 12.MAR.2019 15:39:43

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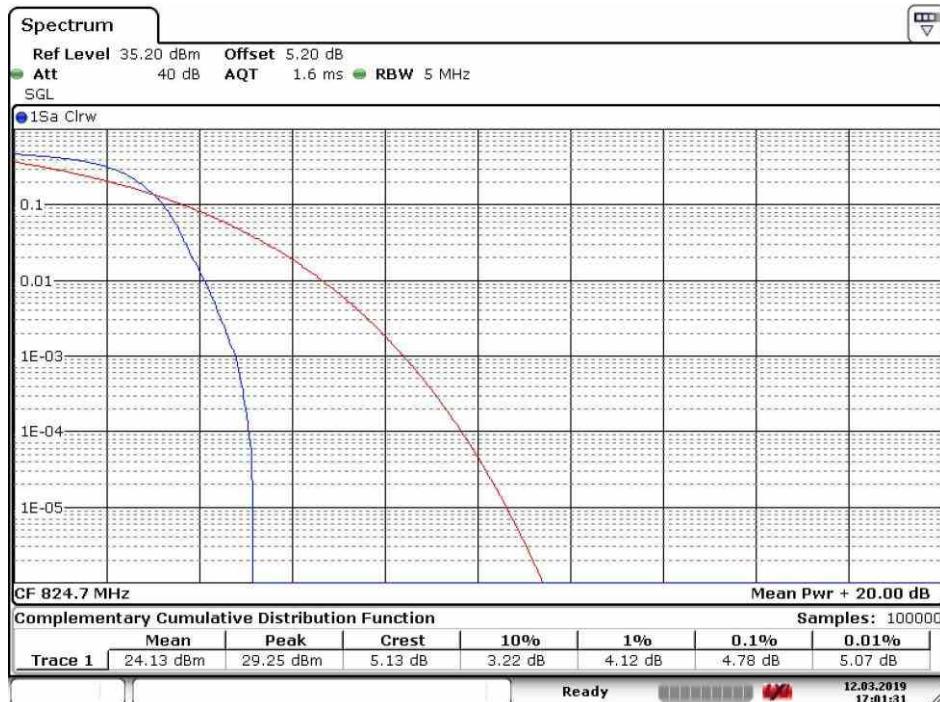
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2.1 For EVDO

2.1.1 Test Band = EVDO BC0

2.1.1.1 Test Mode = EVDO /TM1

2.1.1.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:01:32

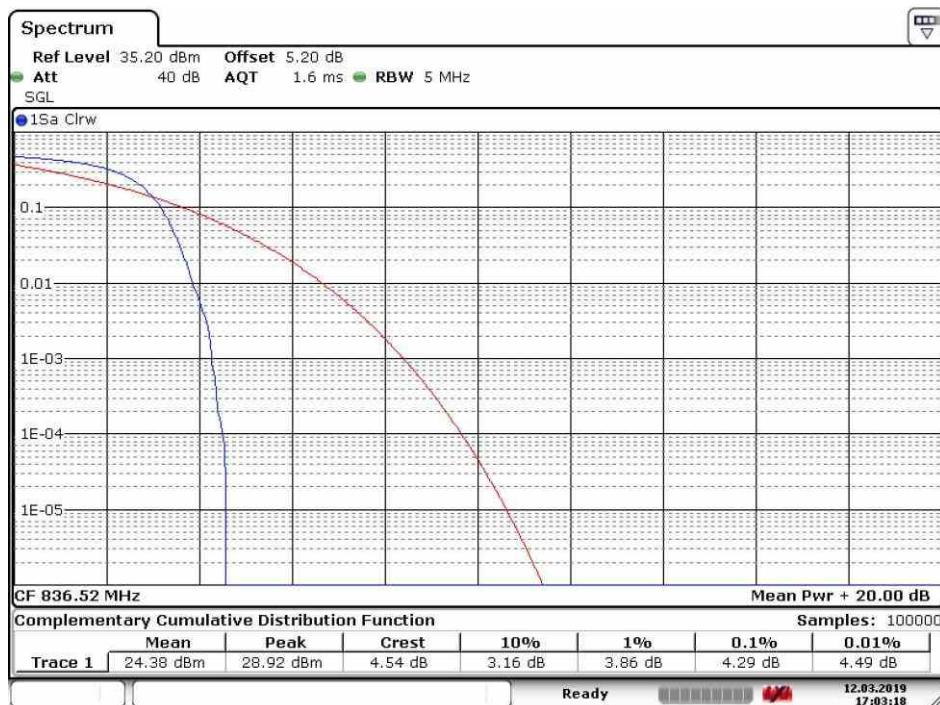
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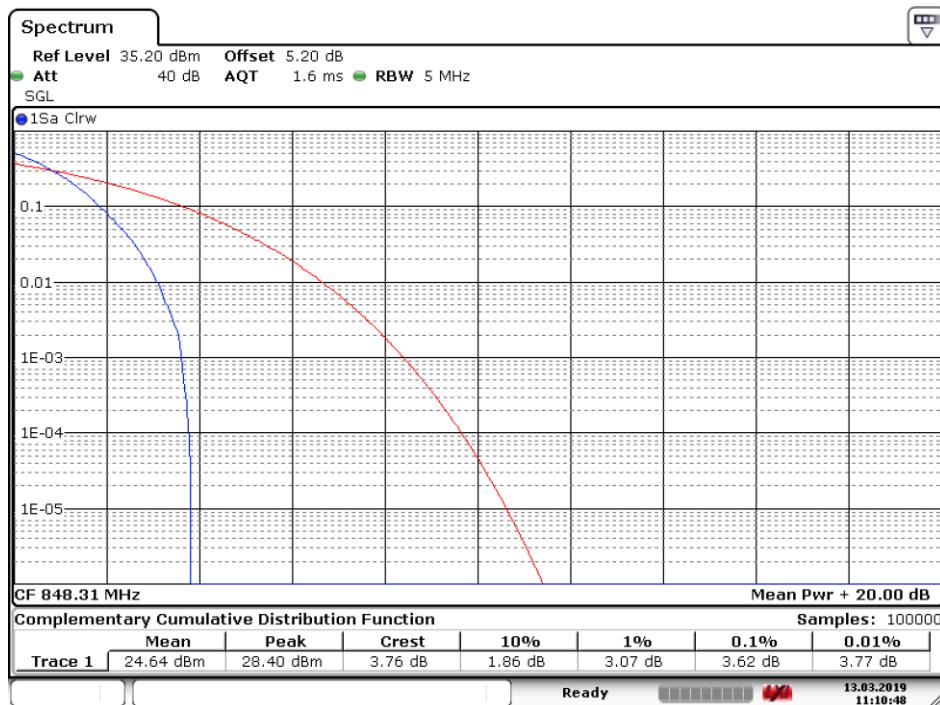
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2.1.1.1.2 Test Channel = MCH



Date: 12.MAR.2019 17:03:19

2.1.1.1.3 Test Channel = HCH



Date: 13.MAR.2019 11:10:49

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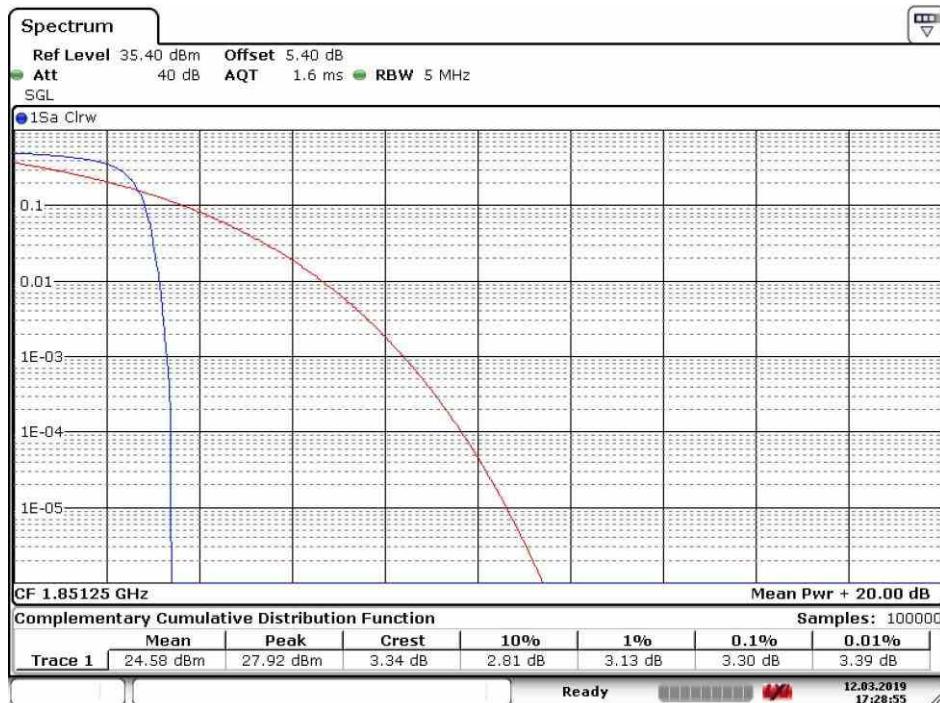
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2.1.2 Test Band = EVDO BC1

2.1.2.1 Test Mode = EVDO /TM1

2.1.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:28:55

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2.1.2.1.2 Test Channel = MCH



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2.1.2.1.3 Test Channel = HCH



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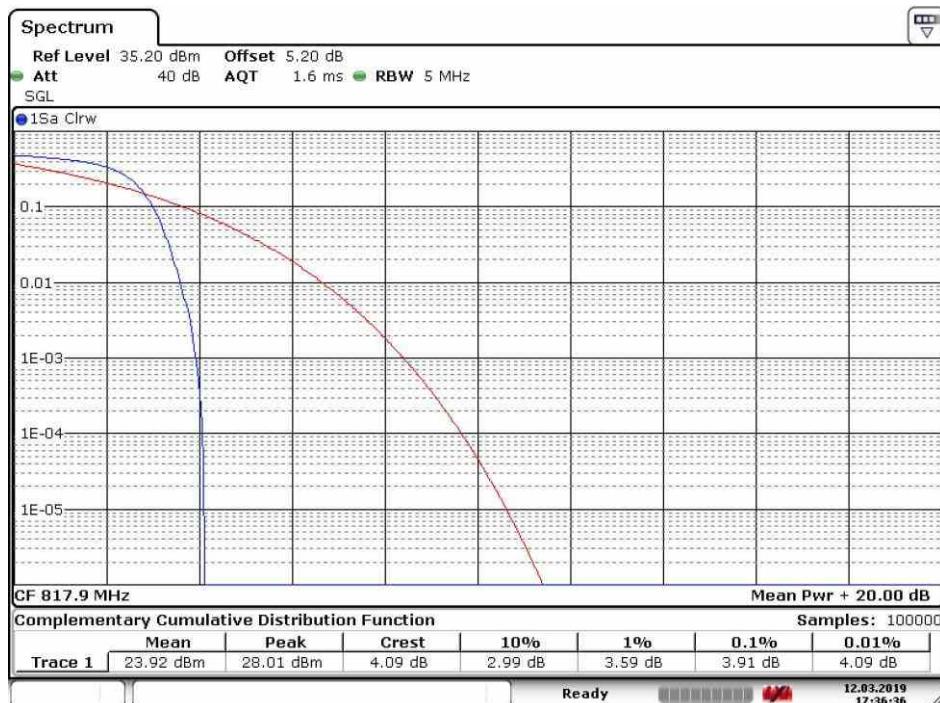
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2.1.3 Test Band = EVDO BC10

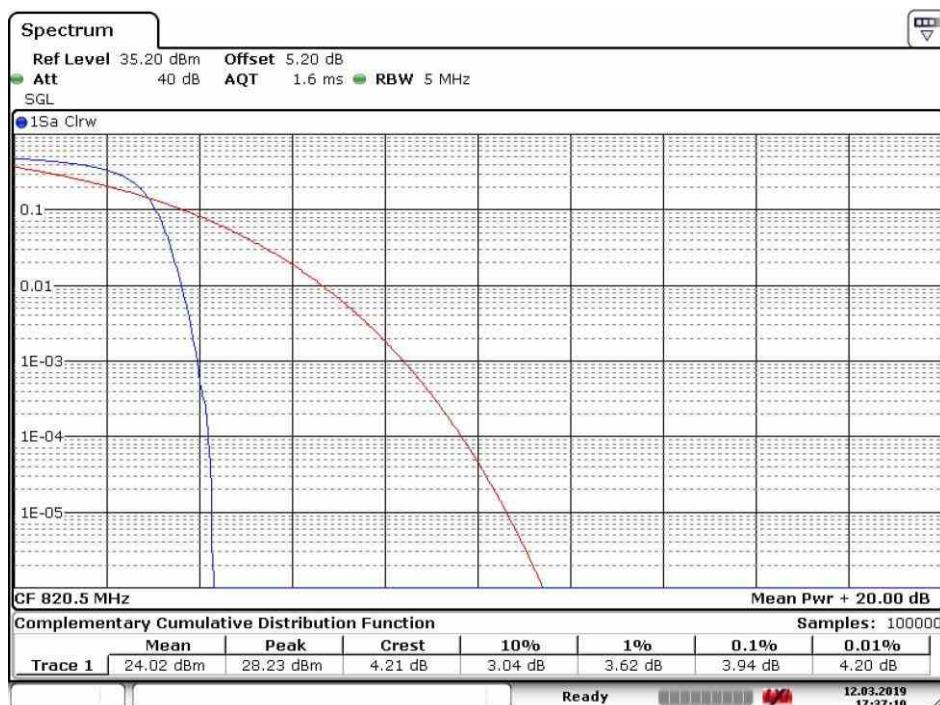
2.1.3.1 Test Mode = EVDO /TM1

2.1.3.1.1 Test Channel = LCH



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2.1.3.1.2 Test Channel = MCH



Date: 12.MAR.2019 17:37:11

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2.1.3.1.3 Test Channel = HCH



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3 Modulation Characteristics

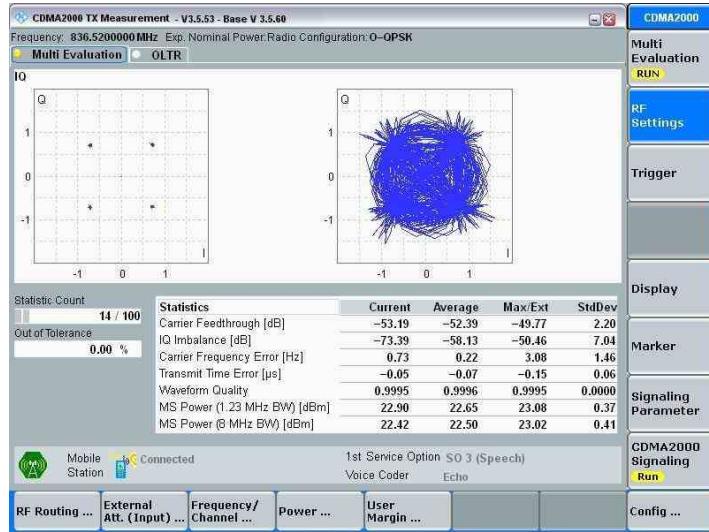
Part I - Test Plots

3.1 For CDMA

3.1.1 Test Band = CDMA BC0

3.1.1.1 Test Mode = CDMA /TM1

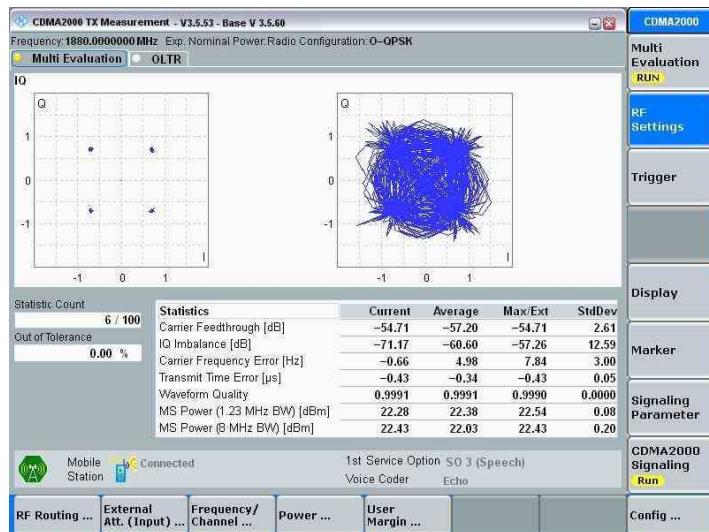
3.1.1.1.1 Test Channel = MCH



3.1.2 Test Band = CDMA BC1

3.1.2.1 Test Mode = CDMA /TM1

3.1.2.1.1 Test Channel = MCH



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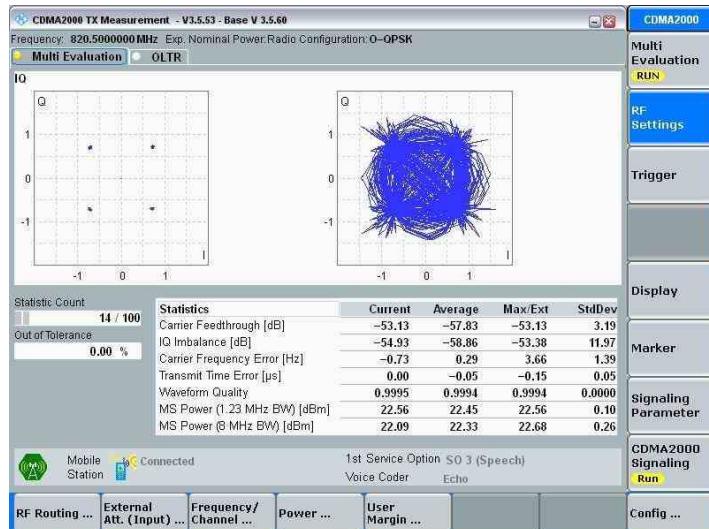
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3.1.3 Test Band = CDMA BC10

3.1.3.1 Test Mode = CDMA /TM1

3.1.3.1.1 Test Channel = MCH

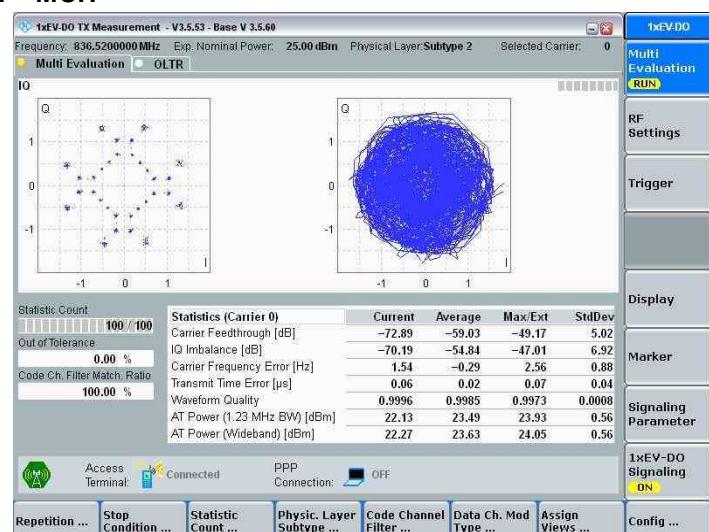


3.2 For EVDO

3.2.1 Test Band = EVDO BC0

3.2.1.1 Test Mode = EVDO /TM1

3.2.1.1.1 Test Channel = MCH



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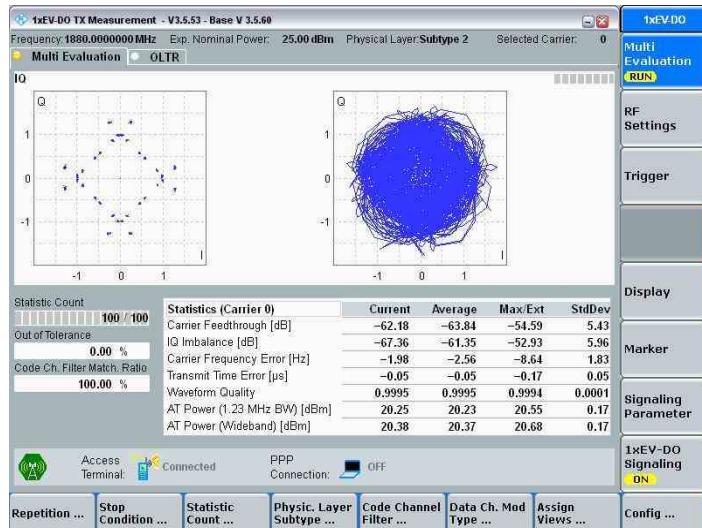
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3.2.2 Test Band = EVDO BC1

3.2.2.1 Test Mode = EVDO /TM1

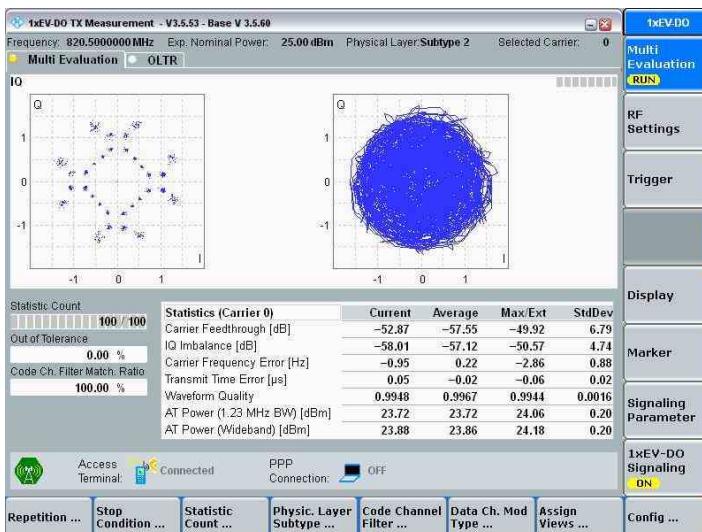
3.2.2.1.1 Test Channel = MCH



3.2.3 Test Band = EVDO BC10

3.2.3.1 Test Mode = EVDO /TM1

3.2.3.1.1 Test Channel = MCH



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4 Bandwidth

Part I - Test Results of CDMA

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
CDMA BC0	CDMA/TM1	LCH	1.27	1.43	PASS
CDMA BC0	CDMA/TM1	MCH	1.27	1.43	PASS
CDMA BC0	CDMA/TM1	HCH	1.27	1.43	PASS
CDMA BC1	CDMA/TM1	LCH	1.27	1.44	PASS
CDMA BC1	CDMA/TM1	MCH	1.27	1.44	PASS
CDMA BC1	CDMA/TM1	HCH	1.28	1.45	PASS
CDMA BC10	CDMA/TM1	LCH	1.27	1.43	PASS
CDMA BC10	CDMA/TM1	MCH	1.27	1.44	PASS
CDMA BC10	CDMA/TM1	HCH	1.27	1.43	PASS
EVDO BC0	EVDO /TM1	LCH	1.27	1.42	PASS
EVDO BC0	EVDO /TM1	MCH	1.27	1.42	PASS
EVDO BC0	EVDO /TM1	HCH	1.27	1.43	PASS
EVDO BC1	EVDO /TM1	LCH	1.29	1.47	PASS
EVDO BC1	EVDO /TM1	MCH	1.27	1.43	PASS
EVDO BC1	EVDO /TM1	HCH	1.29	1.94	PASS
EVDO BC10	EVDO /TM1	LCH	1.27	1.43	PASS
EVDO BC10	EVDO /TM1	MCH	1.28	1.45	PASS
EVDO BC10	EVDO /TM1	HCH	1.27	1.43	PASS

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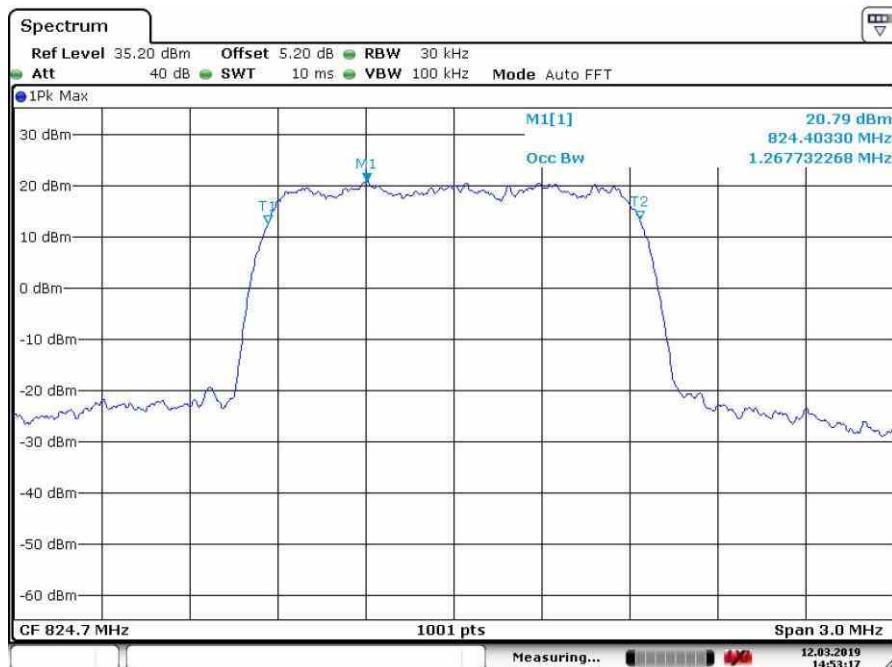
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4.1 For CDMA

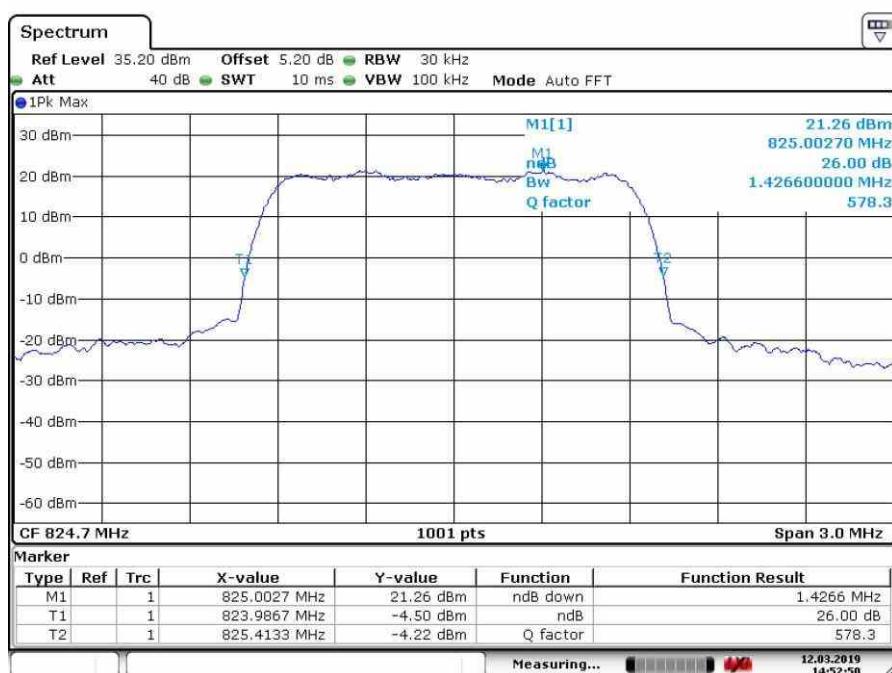
4.1.1 Test Band = CDMA BC0

4.1.1.1 Test Mode = CDMA /TM1

4.1.1.1.1 Test Channel = LCH



Date: 12.MAR.2019 14:53:17



Date: 12.MAR.2019 14:52:50

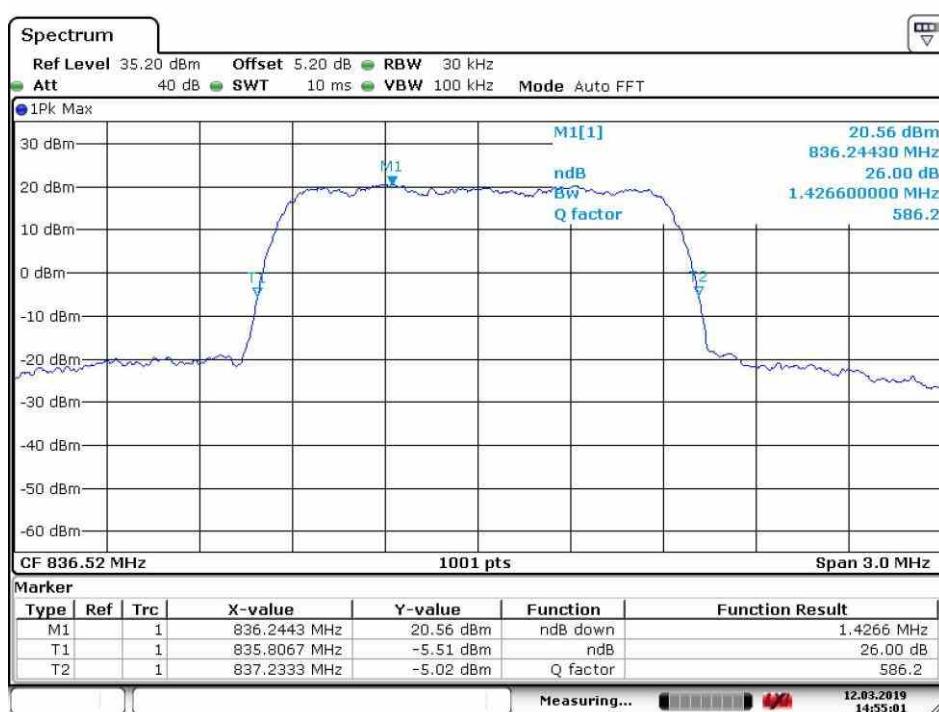
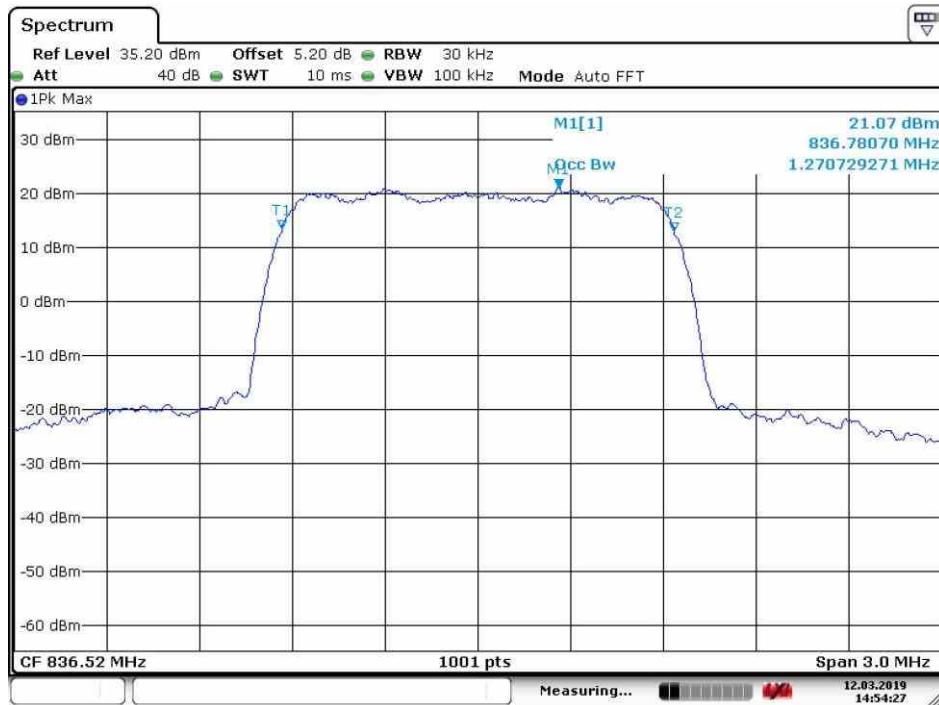
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4.1.1.1.2 Test Channel = MCH



Date: 12.MAR.2019 14:55:02

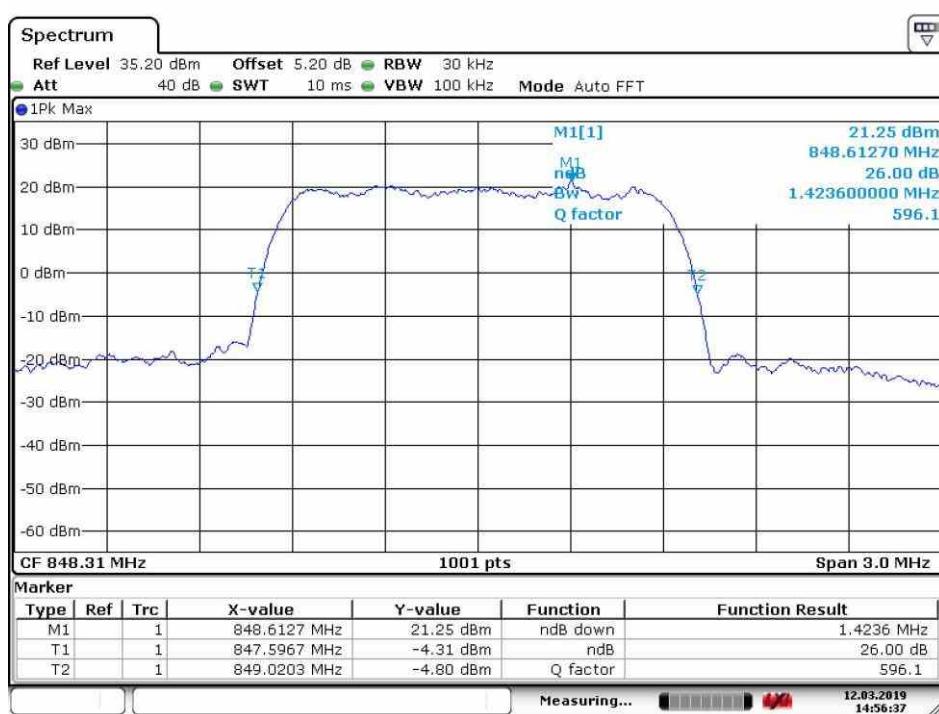
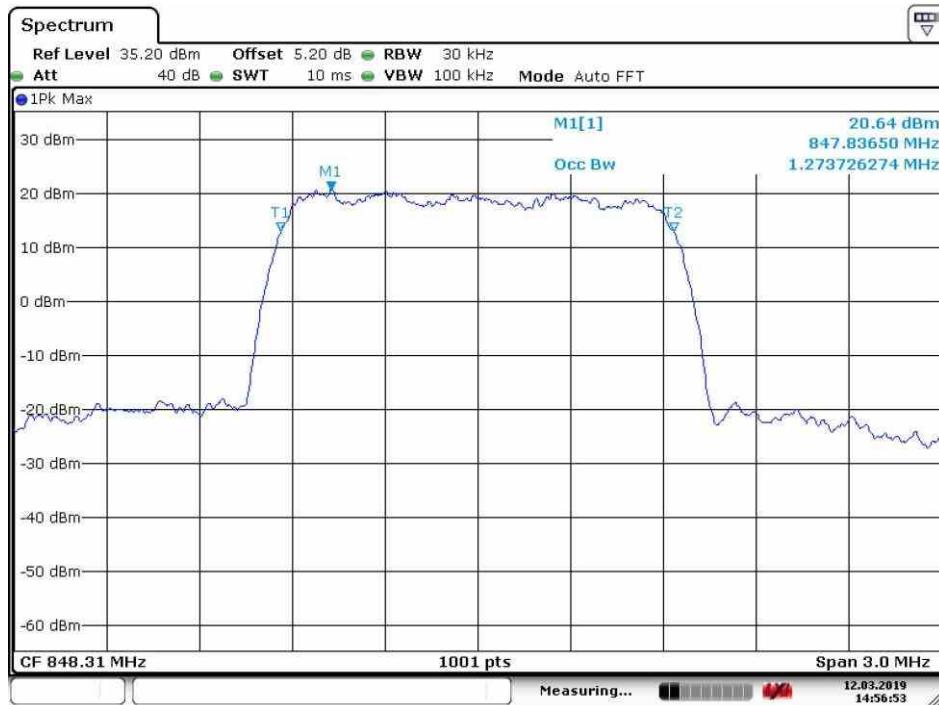
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4.1.1.1.3 Test Channel = HCH



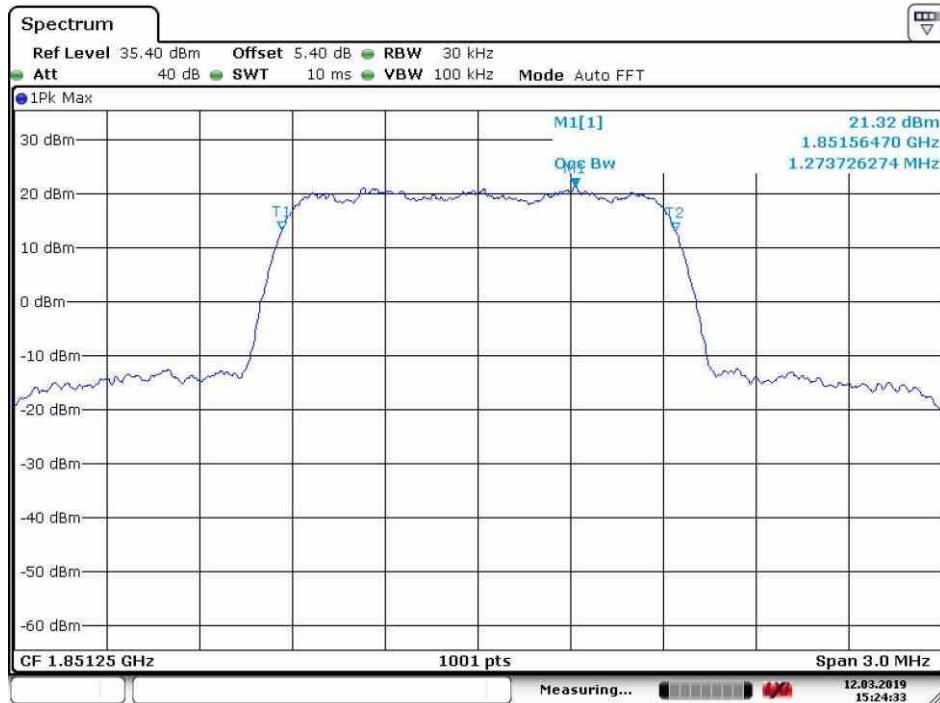
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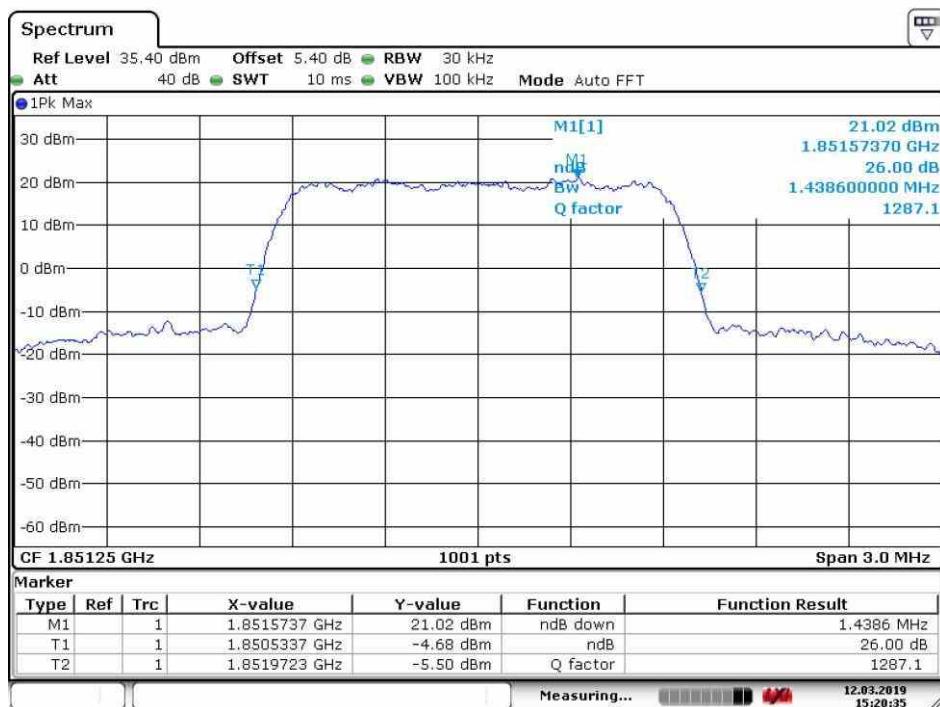
4.1.2 Test Band = CDMA BC1

4.1.2.1 Test Mode = CDMA /TM1

4.1.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 15:24:33



Date: 12.MAR.2019 15:20:36

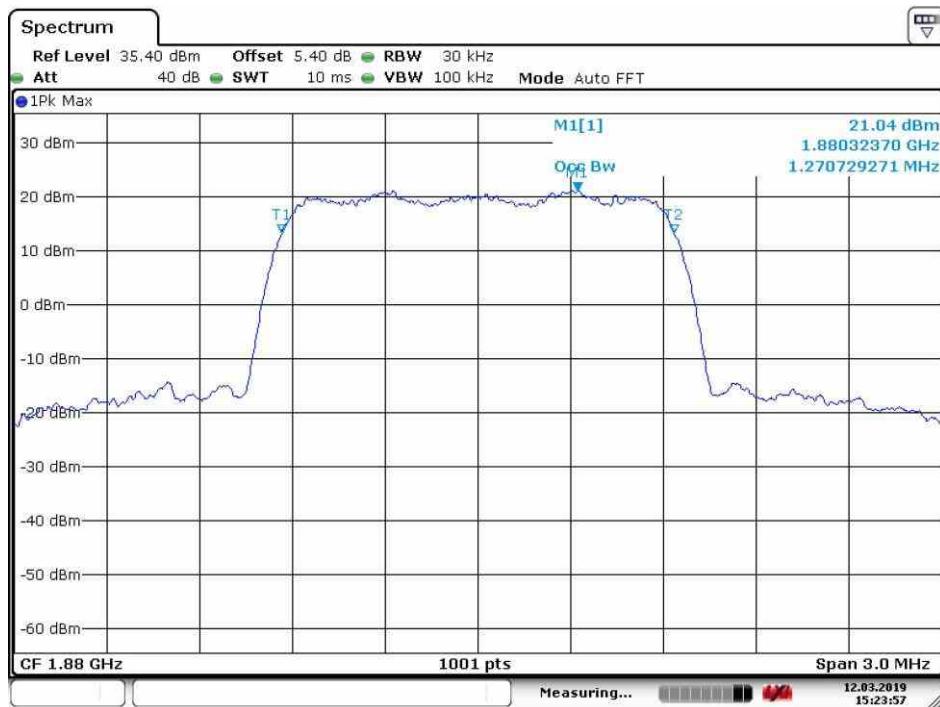
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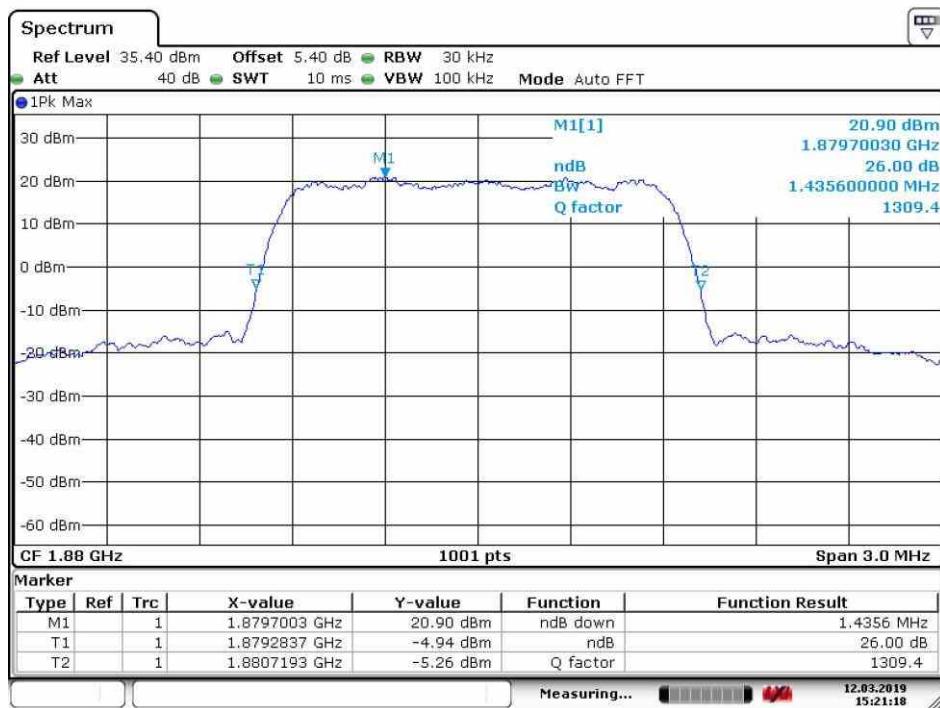


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4.1.2.1.2 Test Channel = MCH



Date: 12.MAR.2019 15:23:57

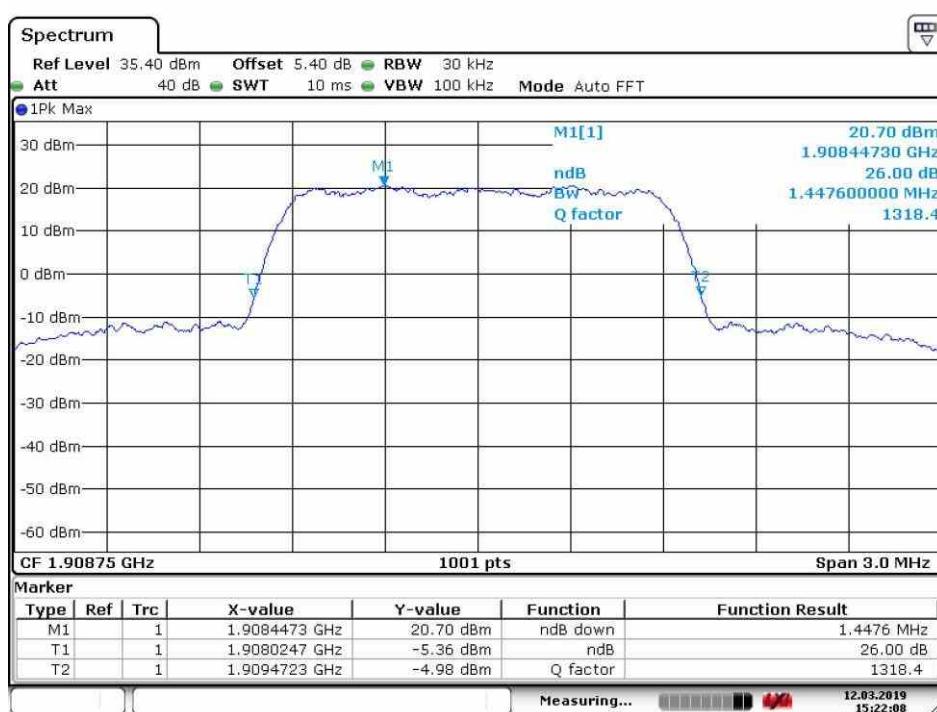
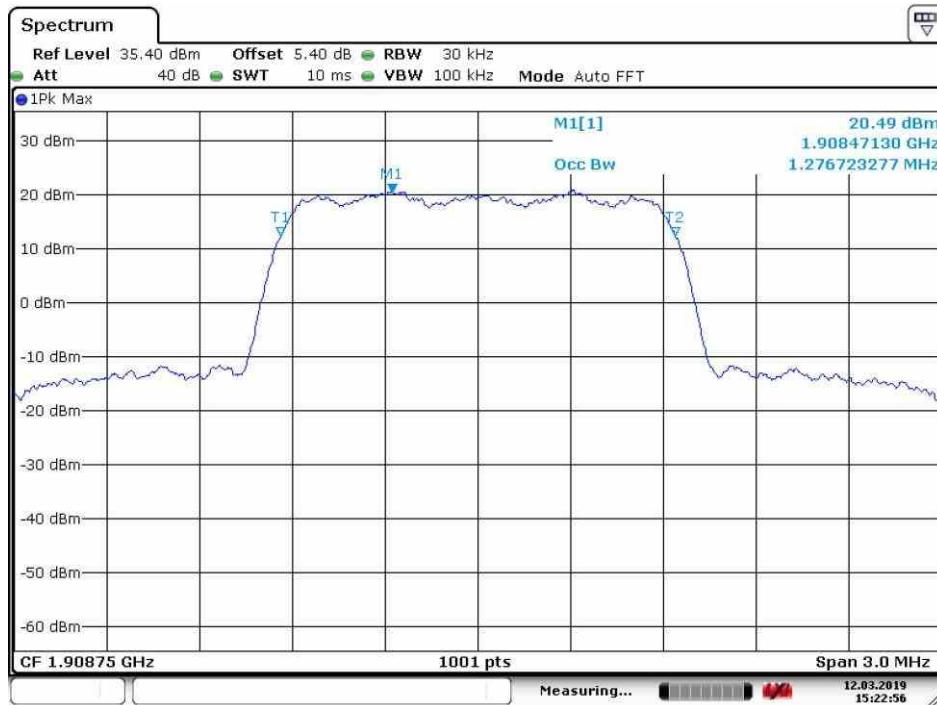


Date: 12.MAR.2019 15:21:18

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4.1.2.1.3 Test Channel = HCH



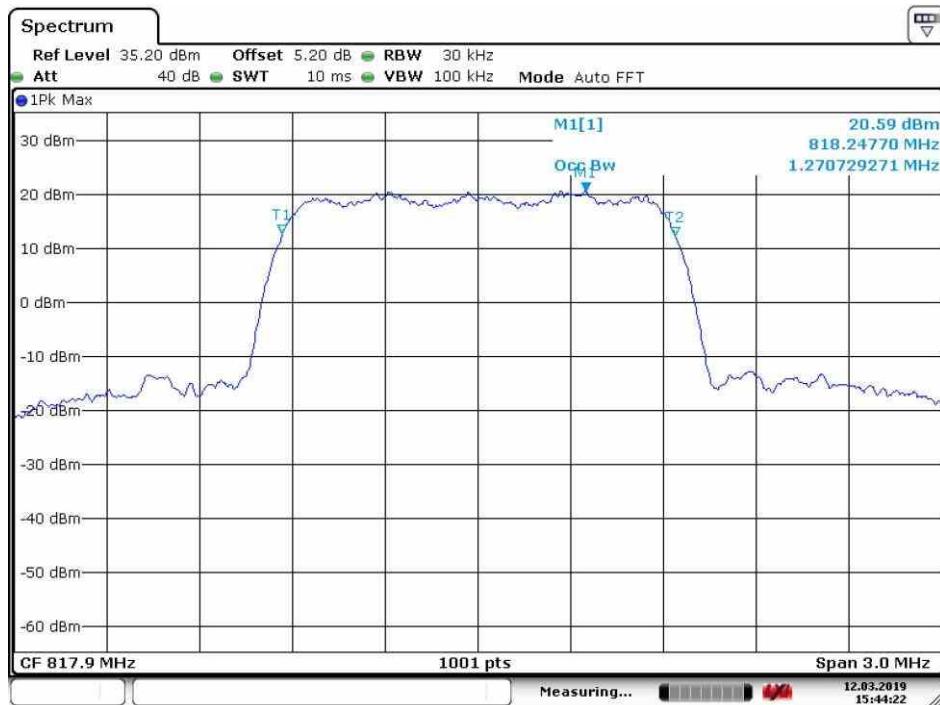
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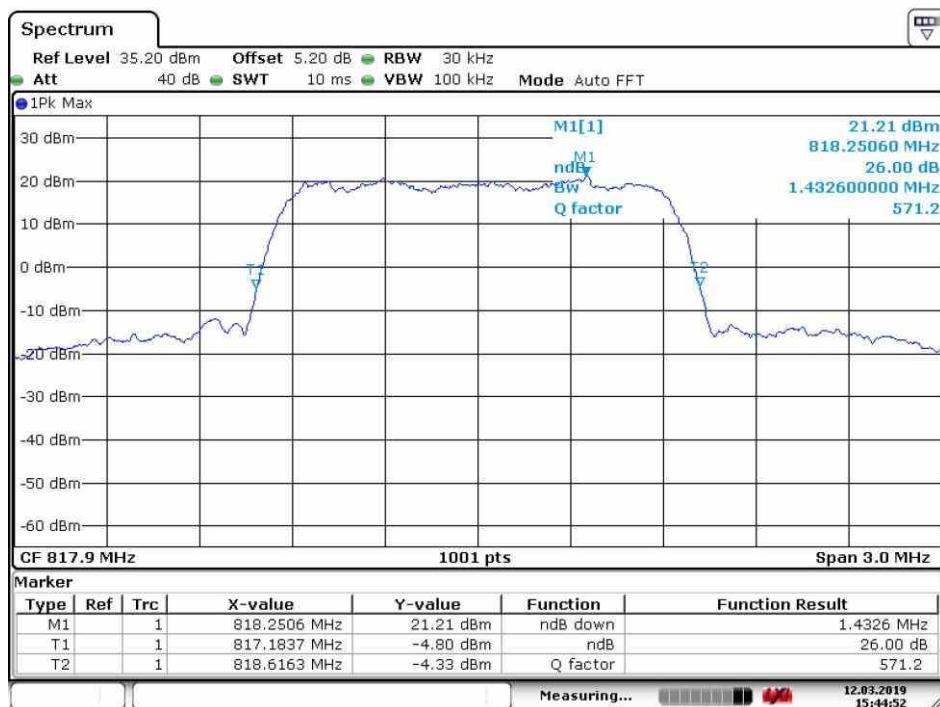
4.1.3 Test Band = CDMA BC10

4.1.3.1 Test Mode = CDMA /TM1

4.1.3.1.1 Test Channel = LCH



Date: 12.MAR.2019 15:44:22



Date: 12.MAR.2019 15:44:53

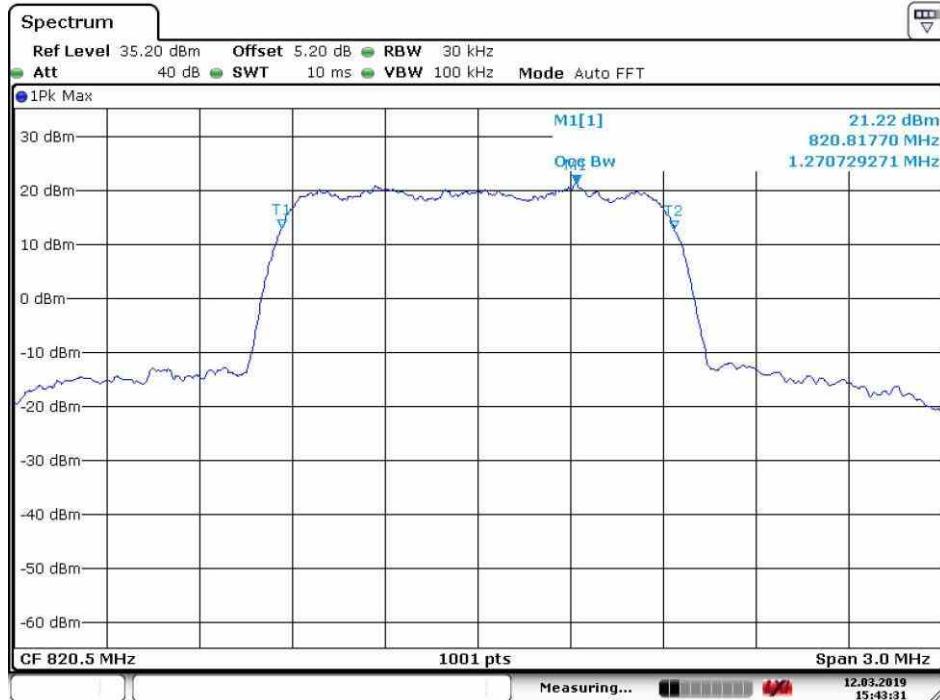
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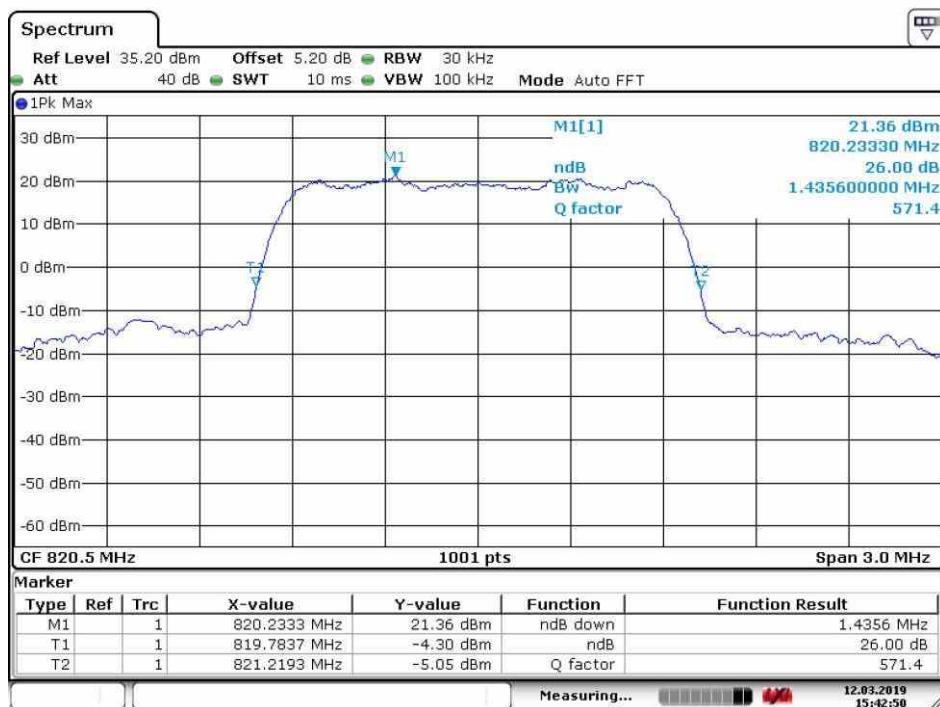


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4.1.3.1.2 Test Channel = MCH



Date: 12.MAR.2019 15:43:32



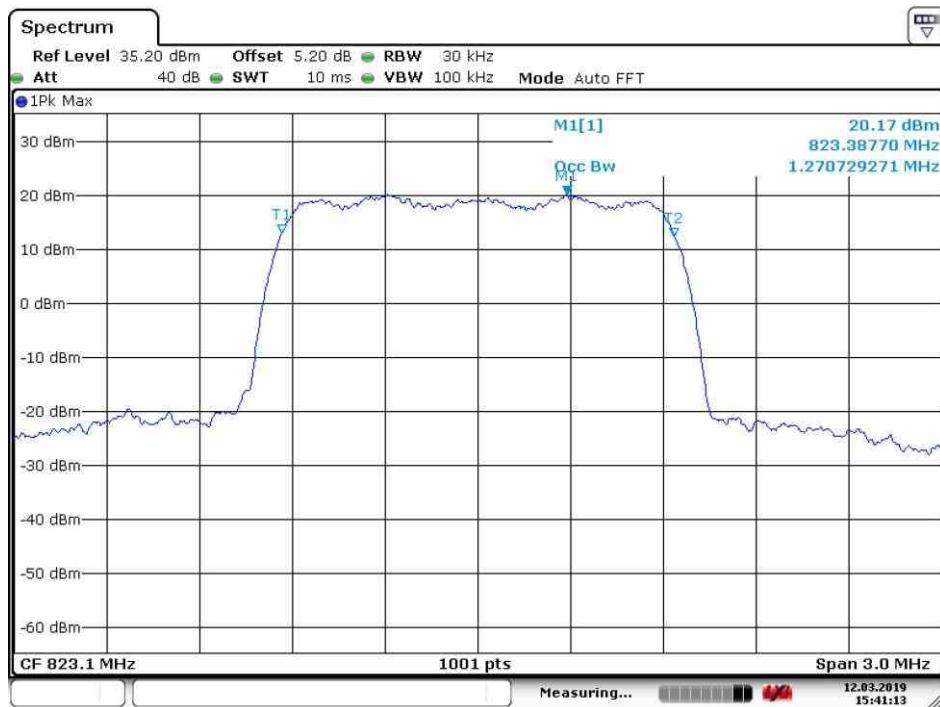
Date: 12.MAR.2019 15:42:50

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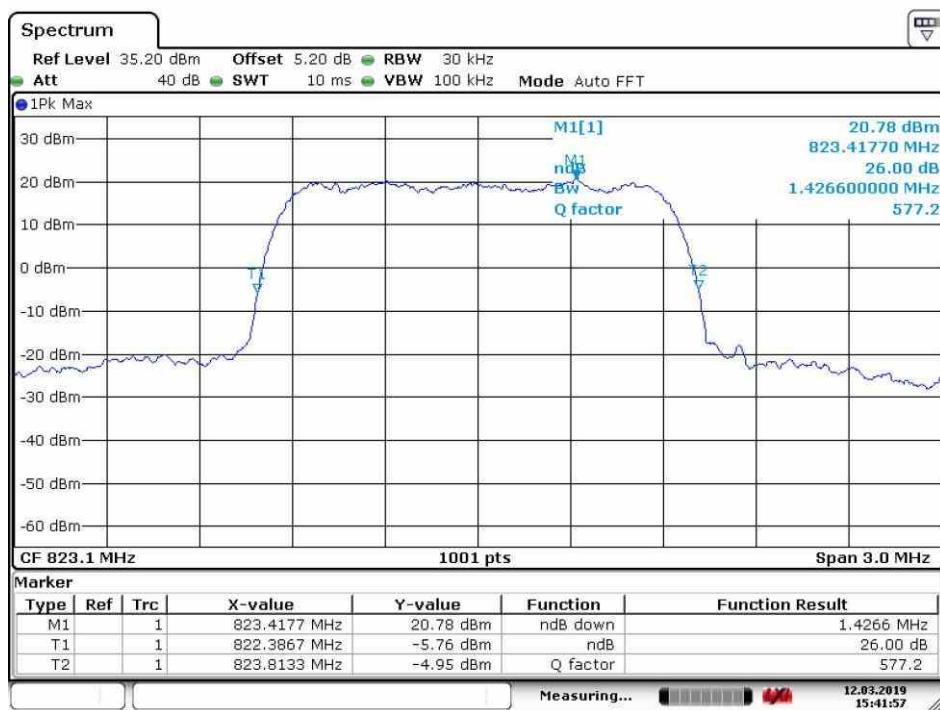
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4.1.3.1.3 Test Channel = HCH



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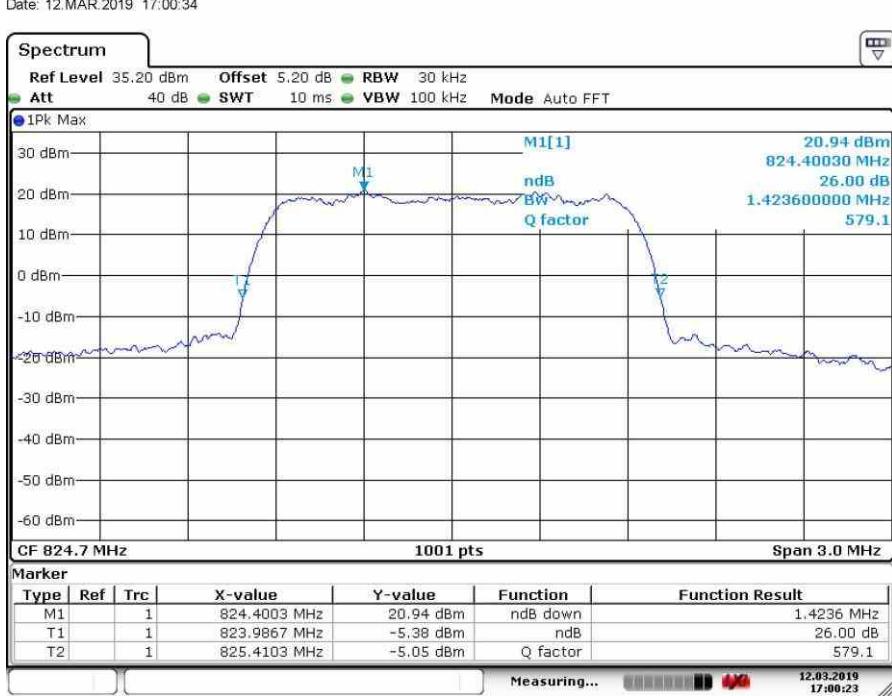
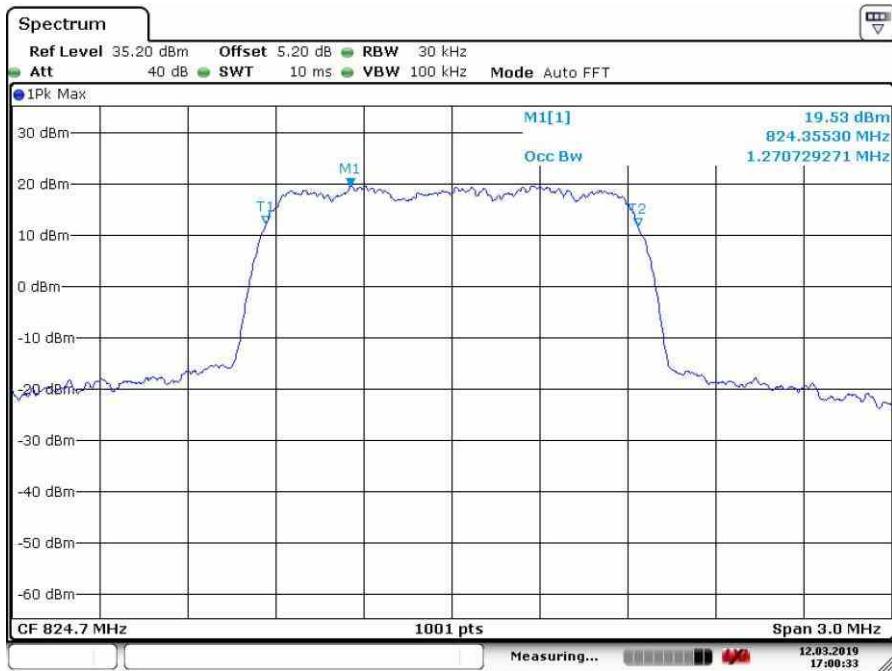
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4.2 For EVDO

4.2.1 Test Band = EVDO BC0

4.2.1.1 Test Mode = EVDO /TM1

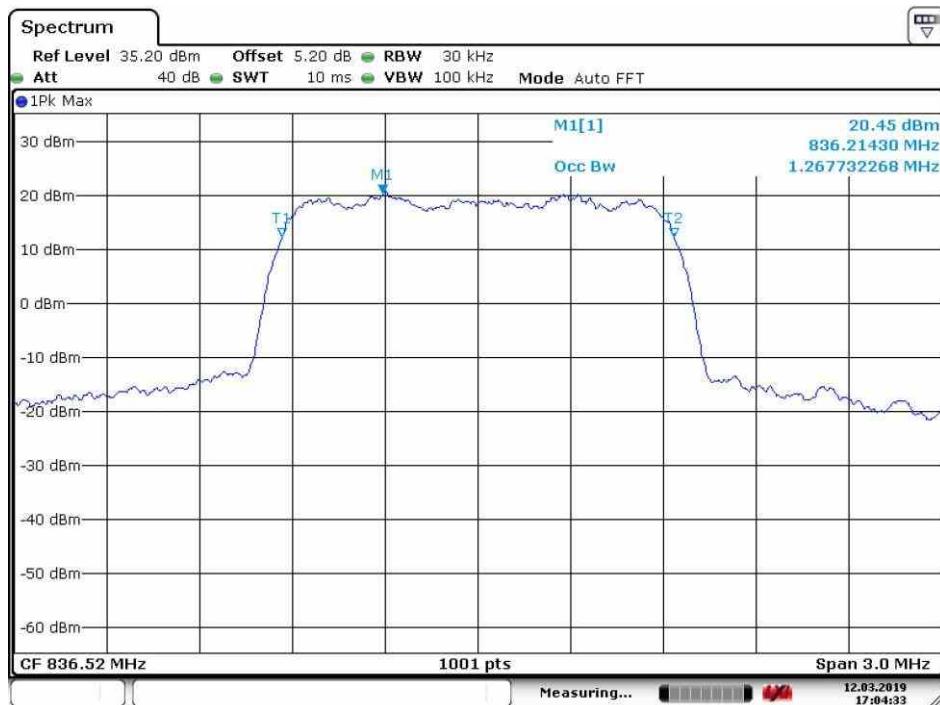
4.2.1.1.1 Test Channel = LCH



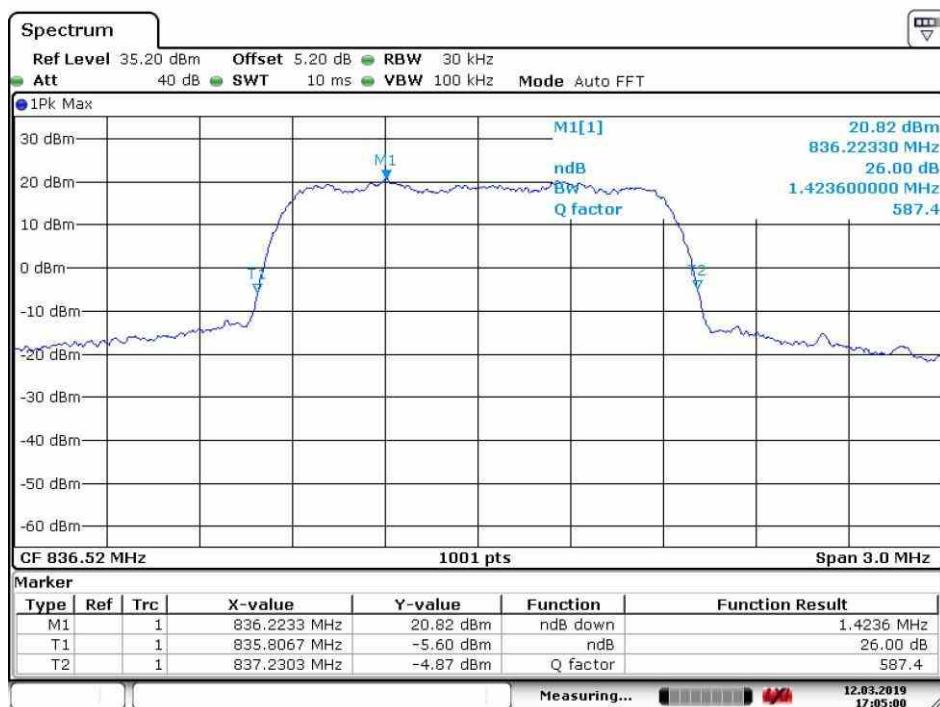
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4.2.1.1.2 Test Channel = MCH



Date: 12.MAR.2019 17:04:34



Date: 12.MAR.2019 17:05:00

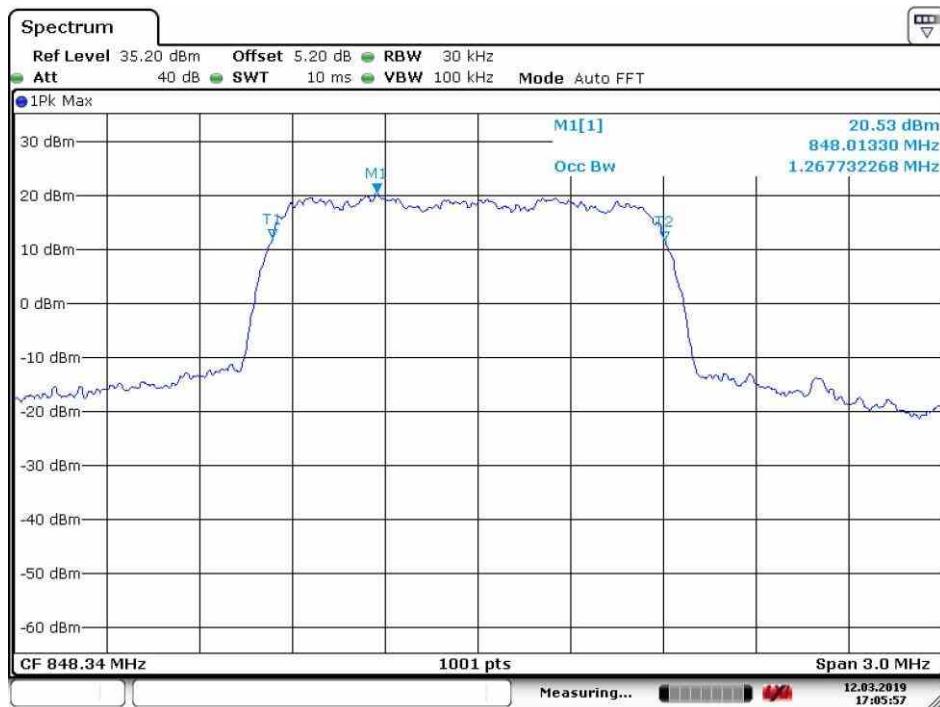
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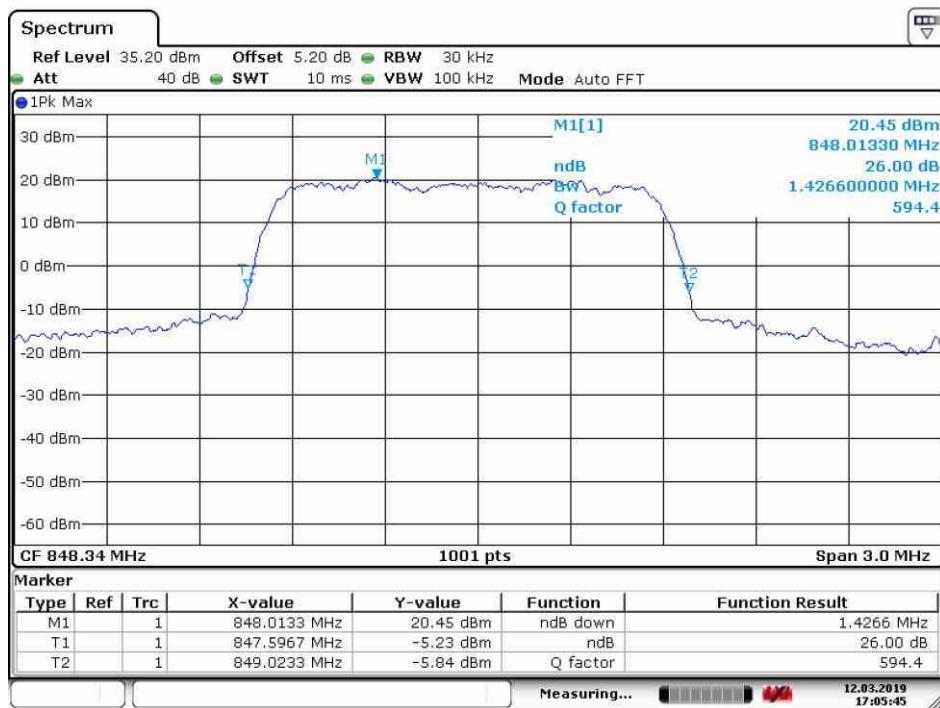


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4.2.1.1.3 Test Channel = HCH



Date: 12.MAR.2019 17:05:57



Date: 12.MAR.2019 17:05:46

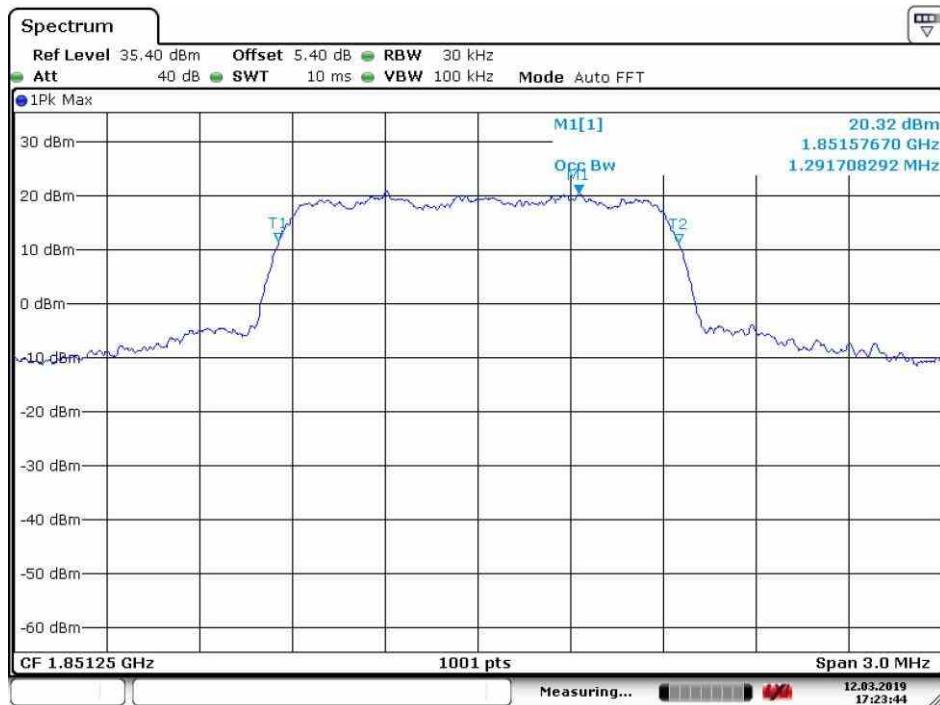
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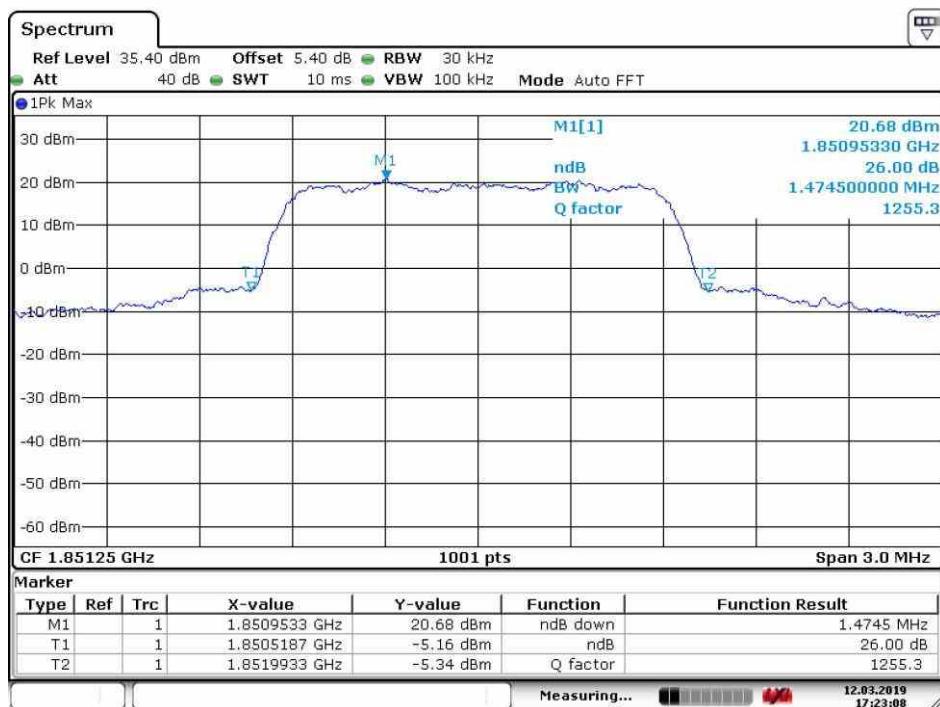
4.2.2 Test Band = EVDO BC1

4.2.2.1 Test Mode = EVDO /TM1

4.2.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:23:44



Date: 12.MAR.2019 17:23:09

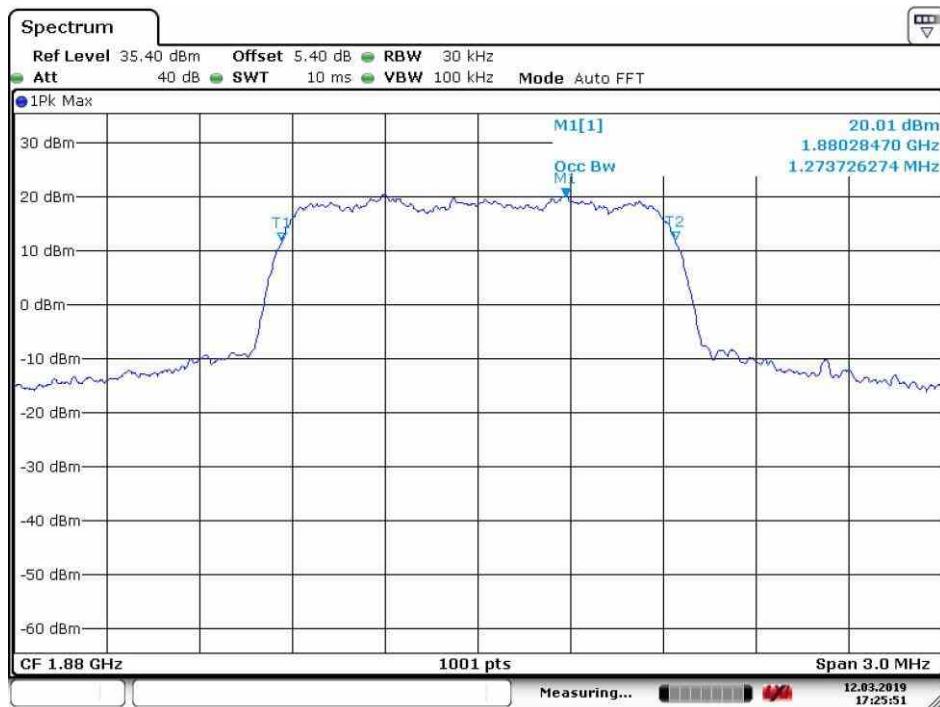
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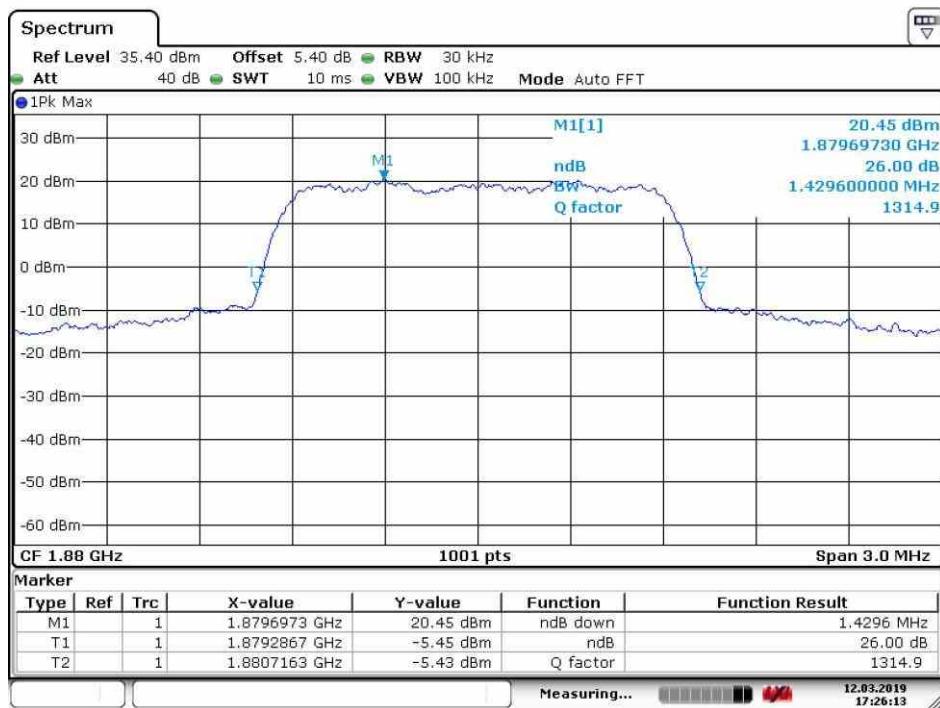


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4.2.2.1.2 Test Channel = MCH



Date: 12.MAR.2019 17:25:51

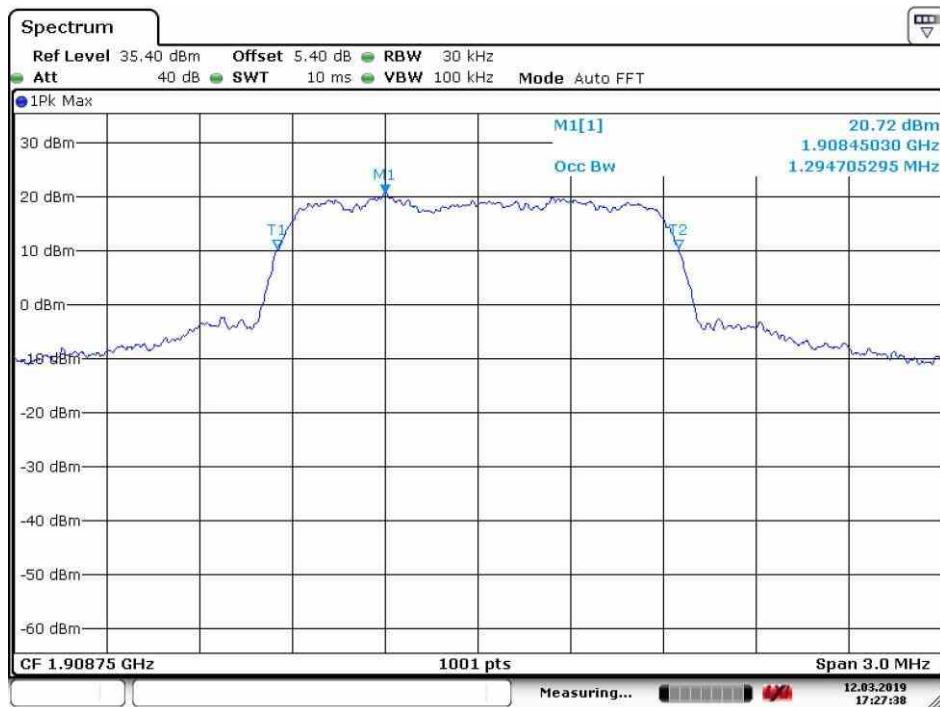


Date: 12.MAR.2019 17:26:14

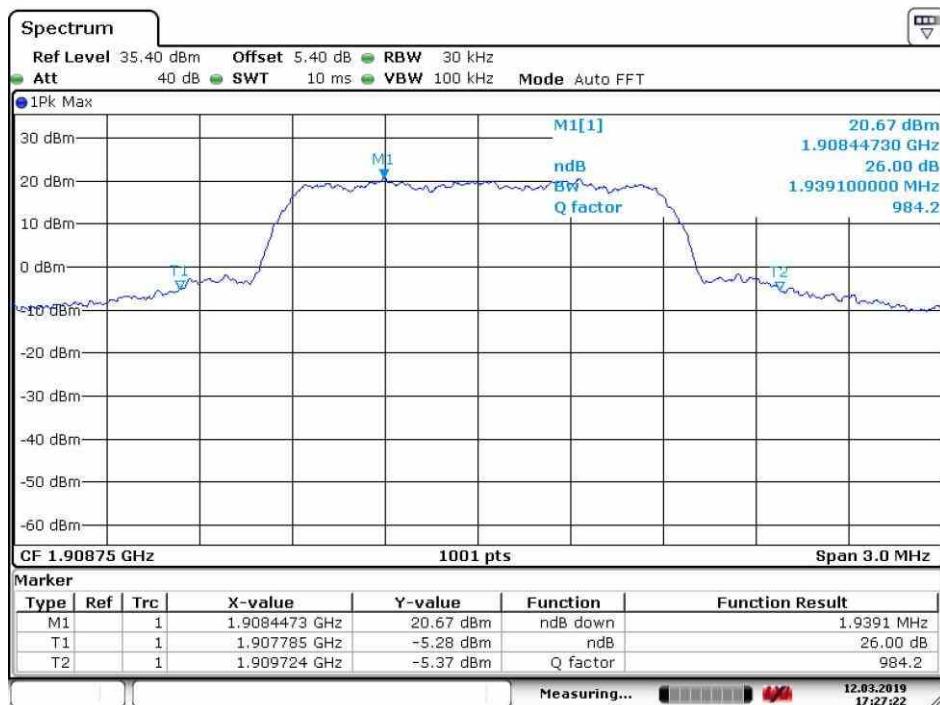
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4.2.2.1.3 Test Channel = HCH



Date: 12.MAR.2019 17:27:38



Date: 12.MAR.2019 17:27:23

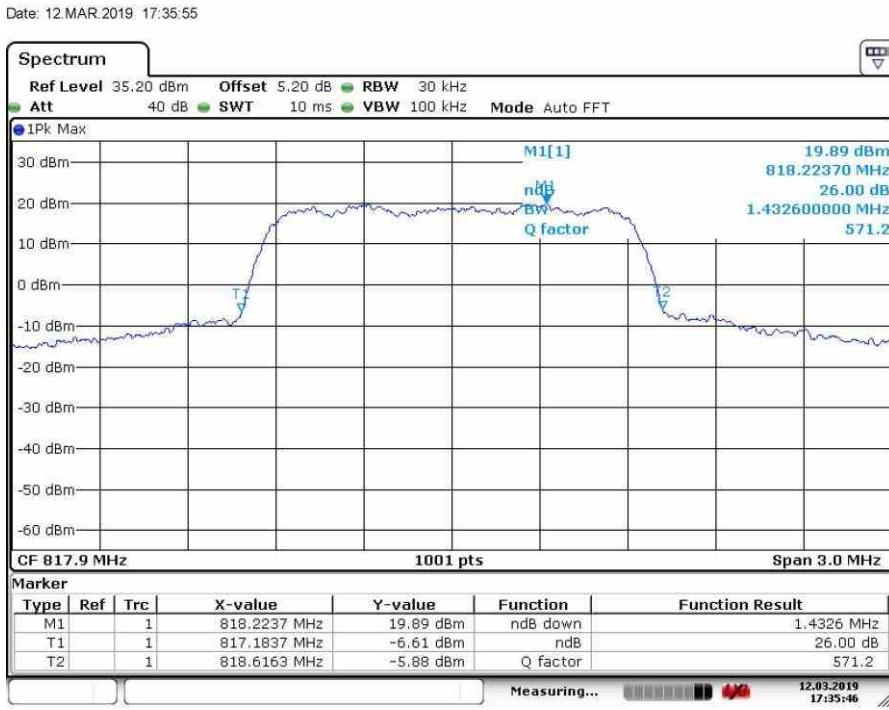
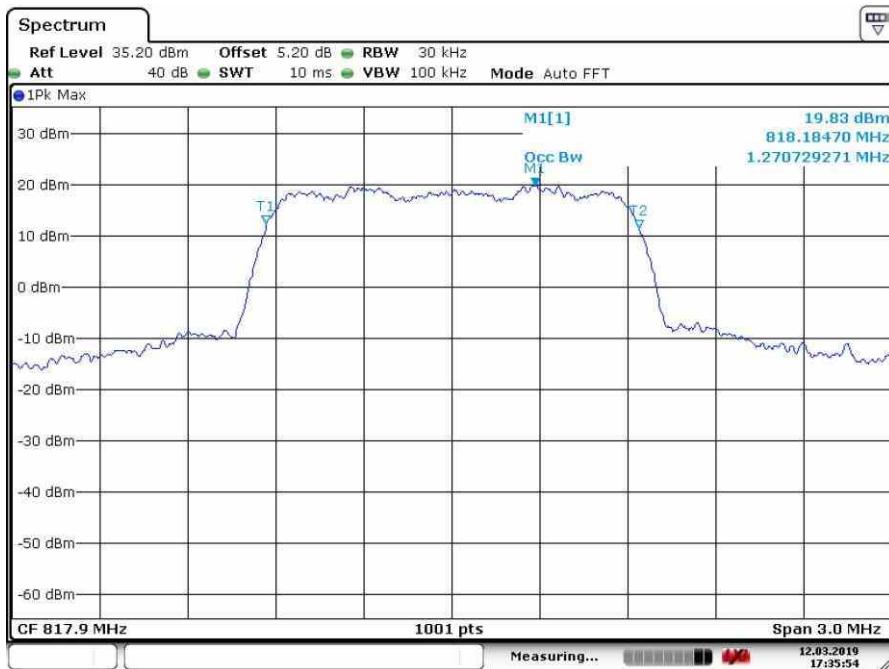
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4.2.3 Test Band = EVDO BC10

4.2.3.1 Test Mode = EVDO /TM1

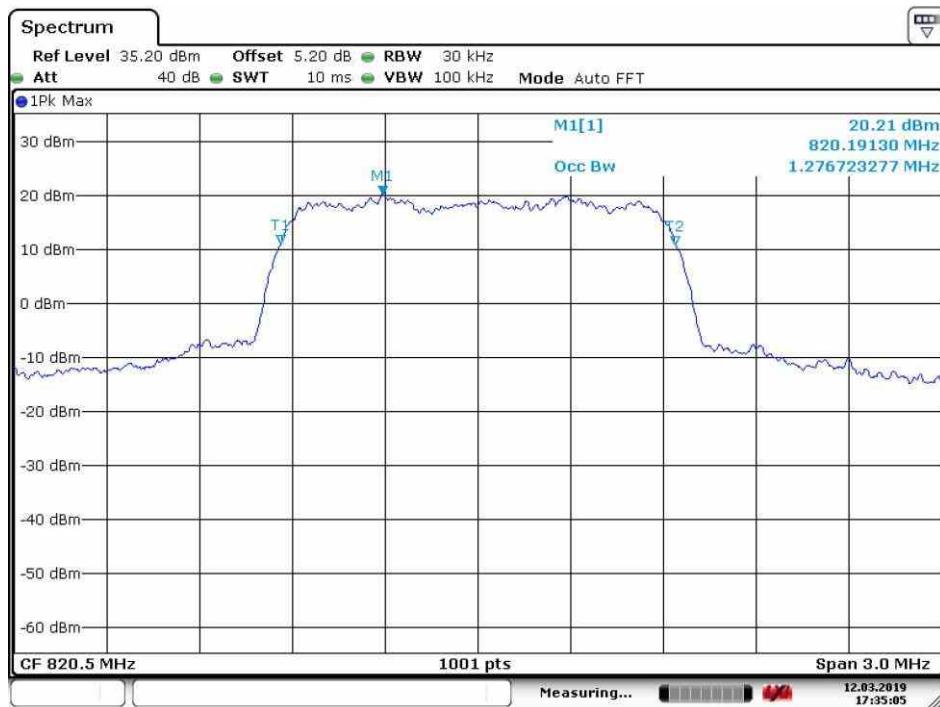
4.2.3.1.1 Test Channel = LCH



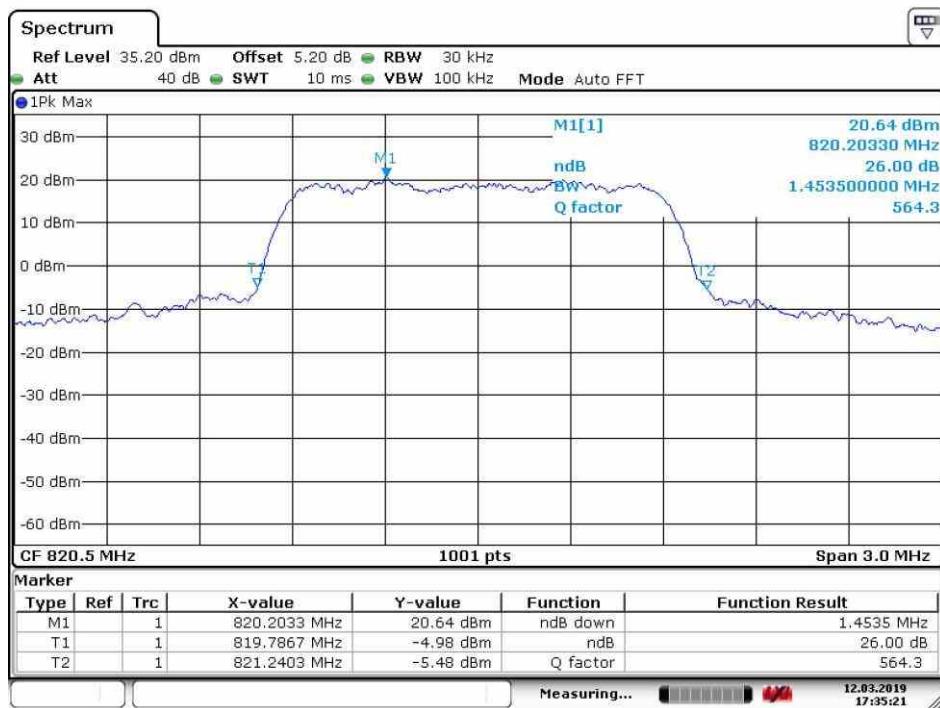
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4.2.3.1.2 Test Channel = MCH



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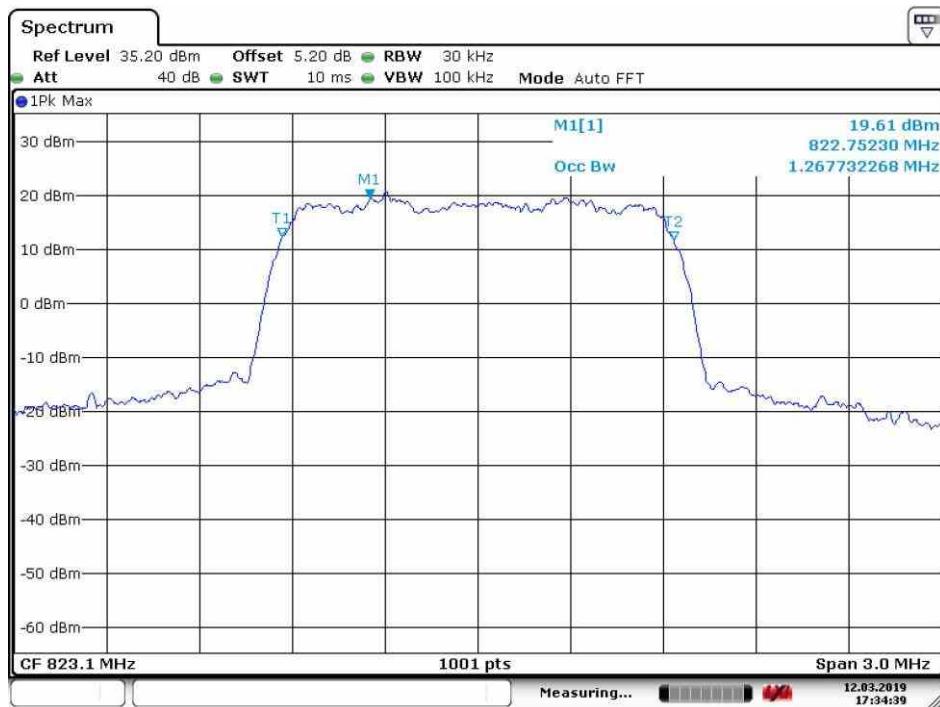


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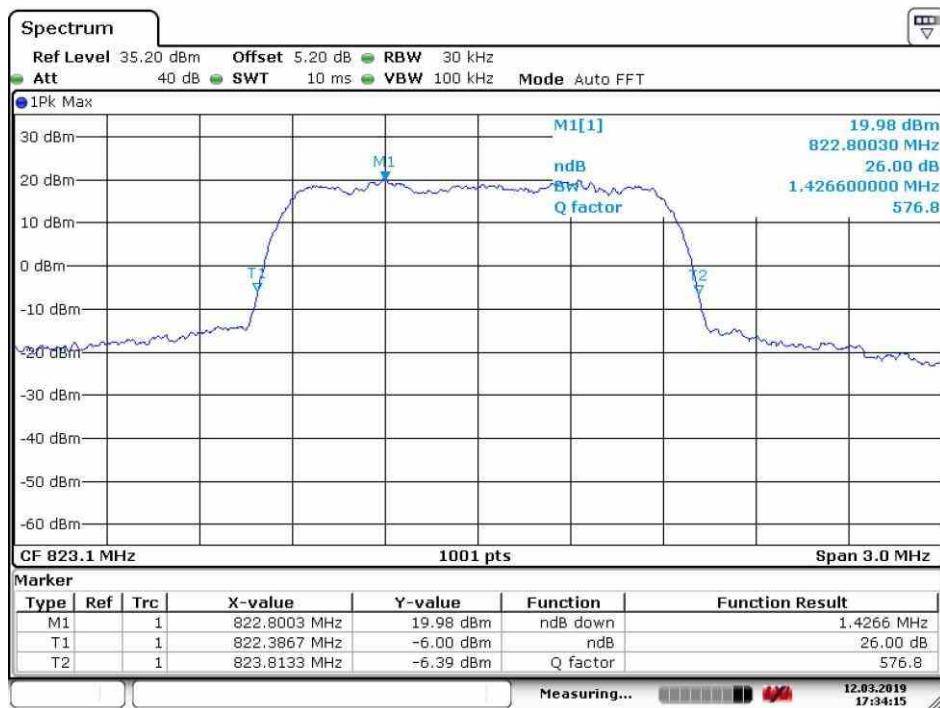
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4.2.3.1.3 Test Channel = HCH



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5 Band Edges Compliance

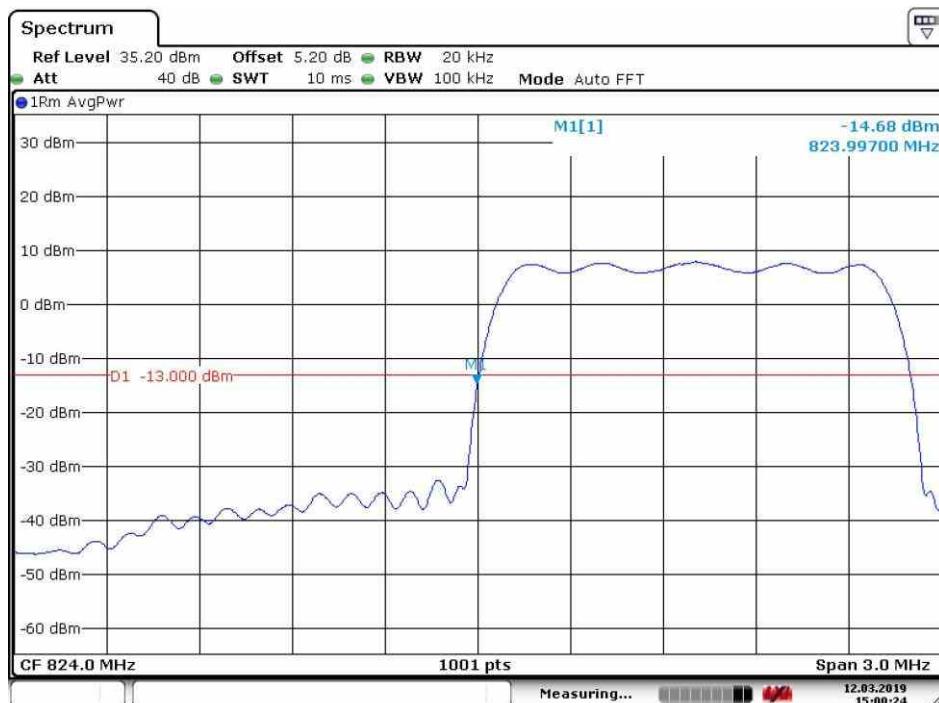
Part I - Test Plots

5.1 For CDMA

5.1.1 Test Band = CDMA BC0

5.1.1.1 Test Mode = CDMA /TM1

5.1.1.1.1 Test Channel = LCH



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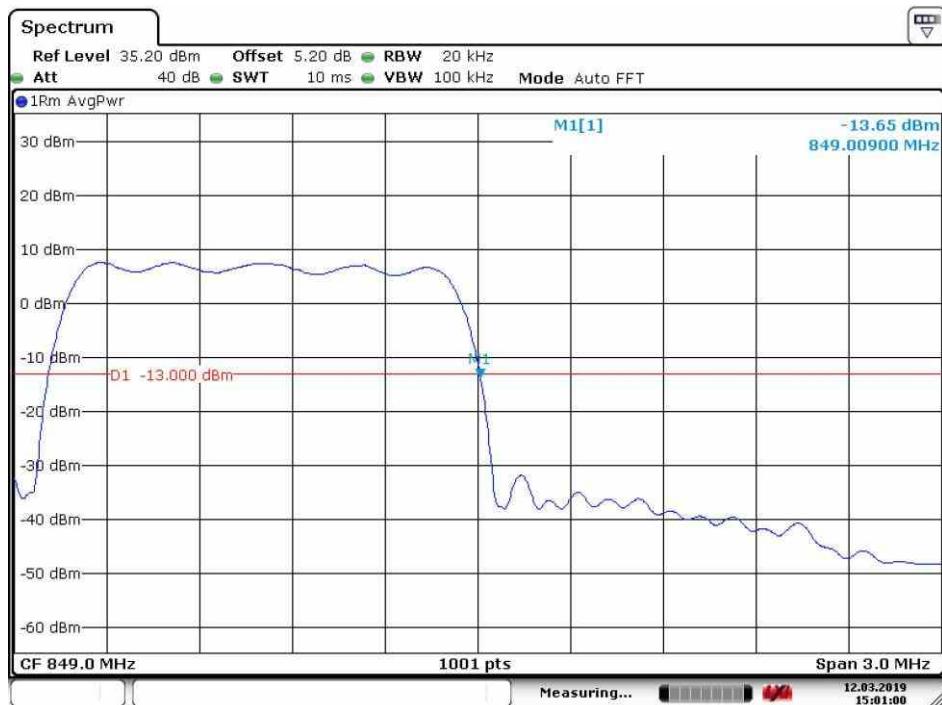
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5.1.1.1.2 Test Channel = HCH



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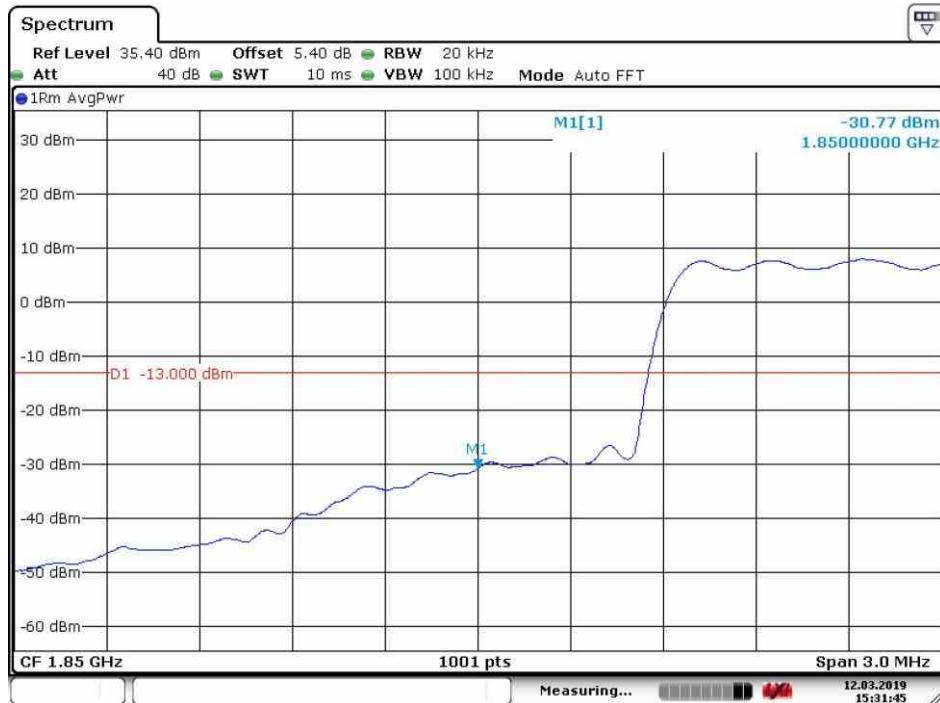
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5.1.2 Test Band = CDMA BC1

5.1.2.1 Test Mode = CDMA /TM1

5.1.2.1.1 Test Channel = LCH



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5.1.2.1.2 Test Channel = HCH



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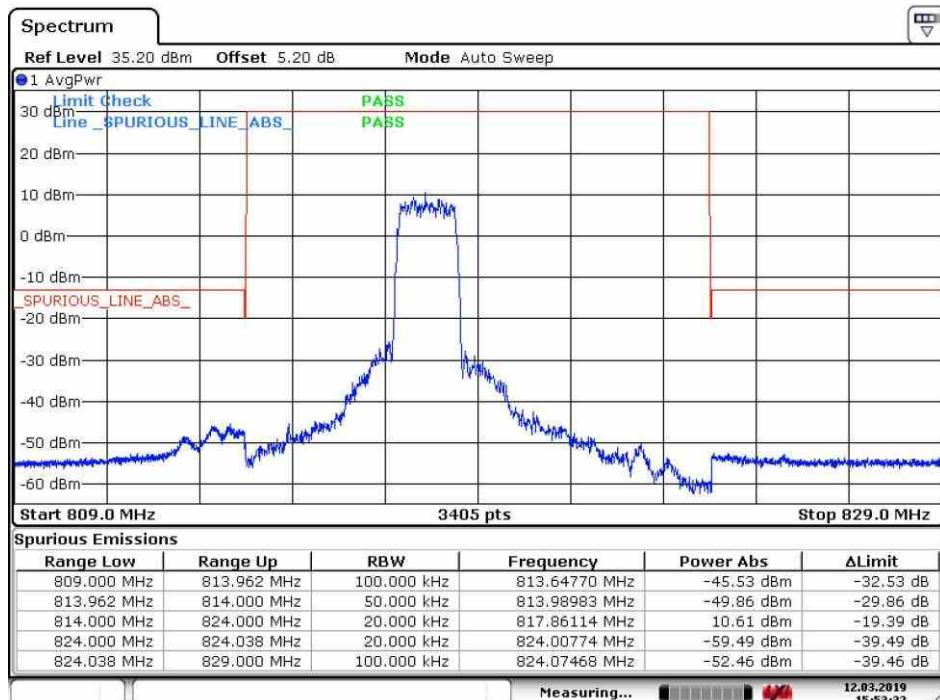
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5.1.3 Test Band = CDMA BC10

5.1.3.1 Test Mode = CDMA /TM1

5.1.3.1.1 Test Channel = LCH



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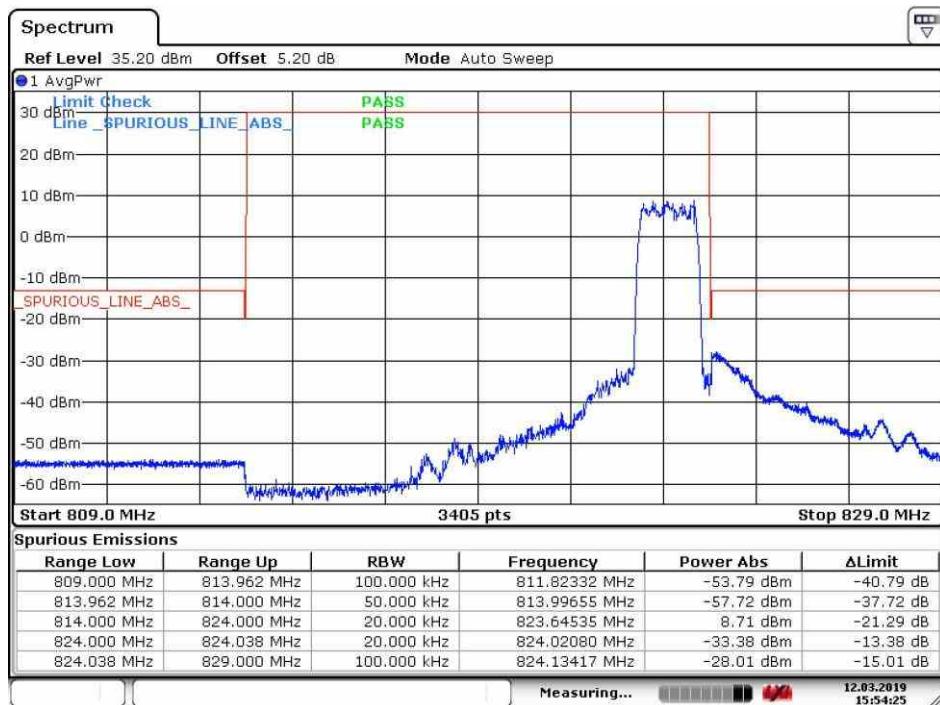


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5.1.3.1.2 Test Channel = HCH



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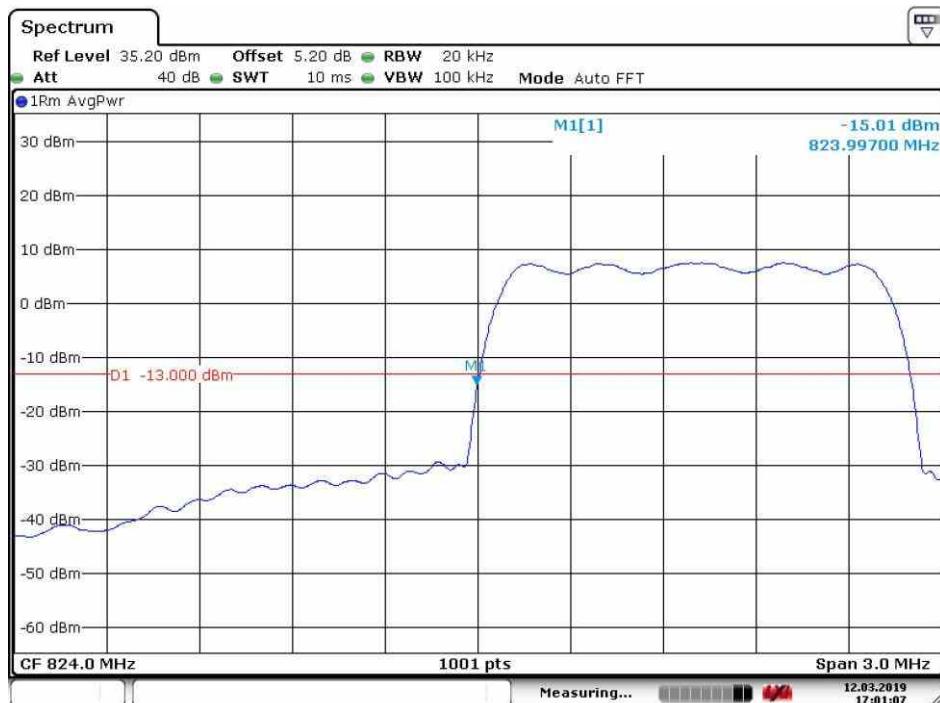
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5.2 For EVDO

5.2.1 Test Band = EVDO BC0

5.2.1.1 Test Mode = EVDO /TM1

5.2.1.1.1 Test Channel = LCH



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5.2.1.1.2 Test Channel = HCH



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5.2.2 Test Band = EVDO BC1

5.2.2.1 Test Mode = EVDO /TM1

5.2.2.1.1 Test Channel = LCH



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5.2.2.1.2 Test Channel = HCH



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