



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

Note:



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

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

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



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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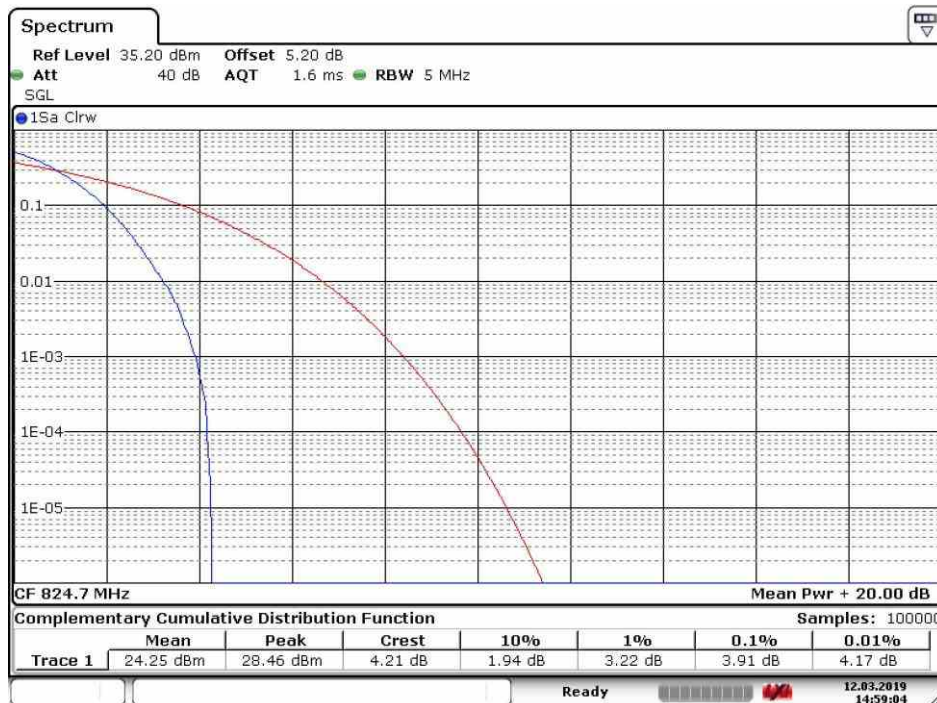
Part II - Test Plots

2.1 For CDMA

2.1.1 Test Band = CDMA BC0

2.1.1.1 Test Mode = CDMA /TM1

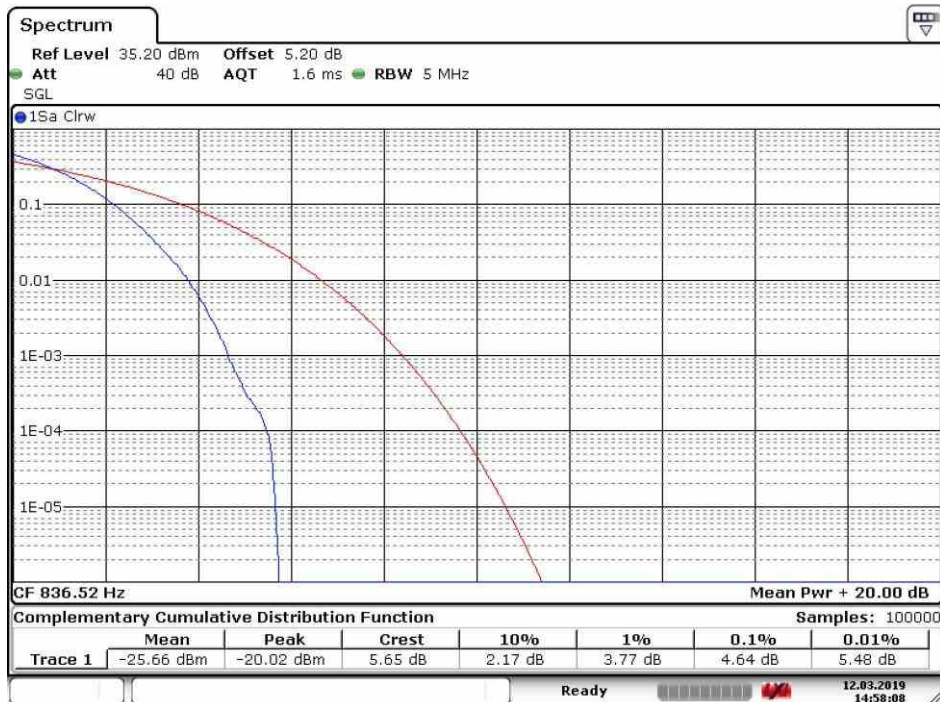
2.1.1.1.1 Test Channel = LCH



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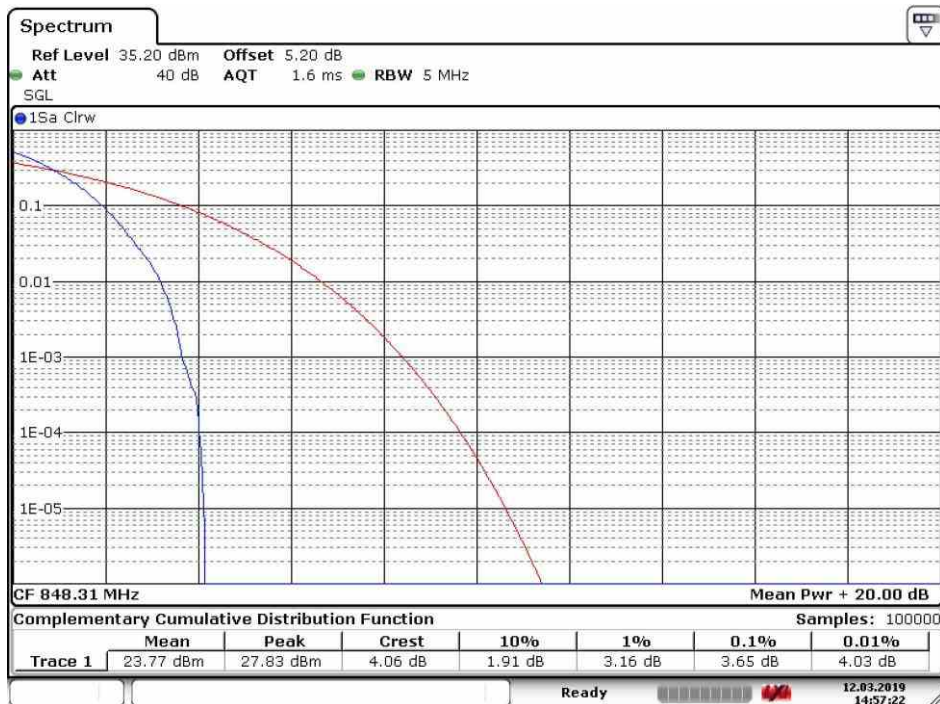


2.1.1.1.2 Test Channel = MCH



Date: 12.MAR.2019 14:58:08

2.1.1.1.3 Test Channel = HCH



Date: 12.MAR.2019 14:57:23



2.1.2 Test Band = CDMA BC1

2.1.2.1 Test Mode = CDMA /TM1

2.1.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 15:33:03

2.1.2.1.2 Test Channel = MCH



Date: 12.MAR.2019 15:33:42

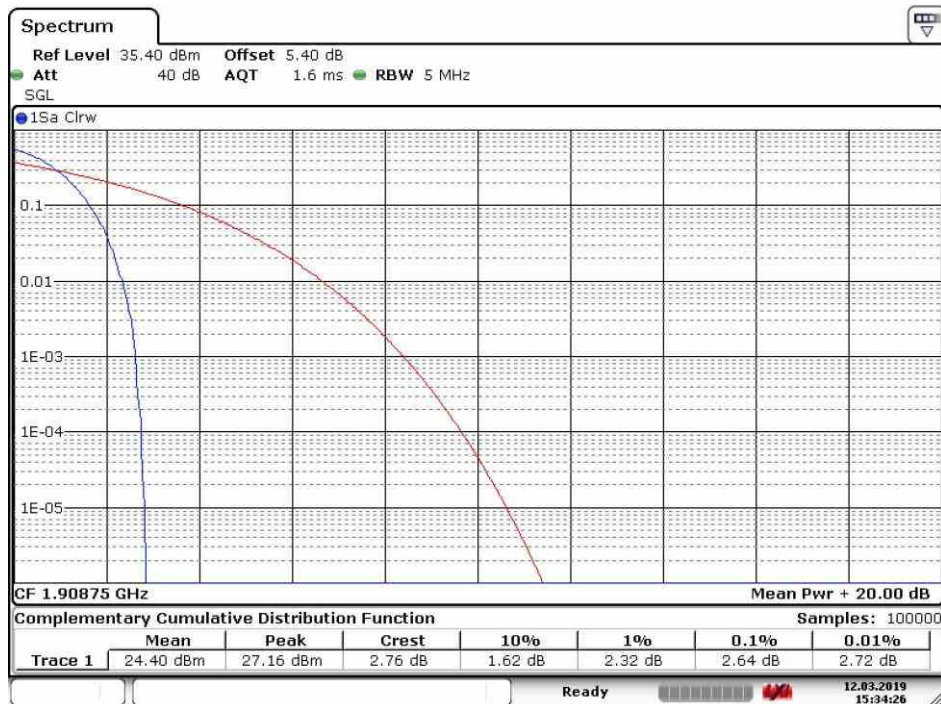


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2.1.2.1.3 Test Channel = HCH



Date: 12.MAR.2019 15:34:26



2.1.3 Test Band = CDMA BC10

2.1.3.1 Test Mode = CDMA /TM1

2.1.3.1.1 Test Channel = LCH



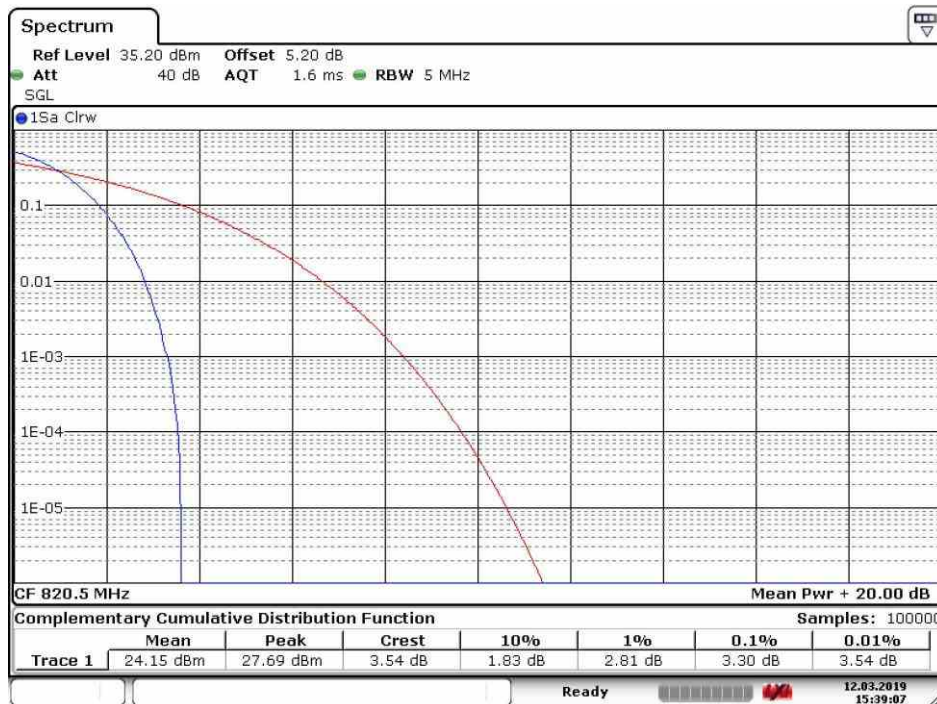
Date: 12.MAR.2019 15:38:23



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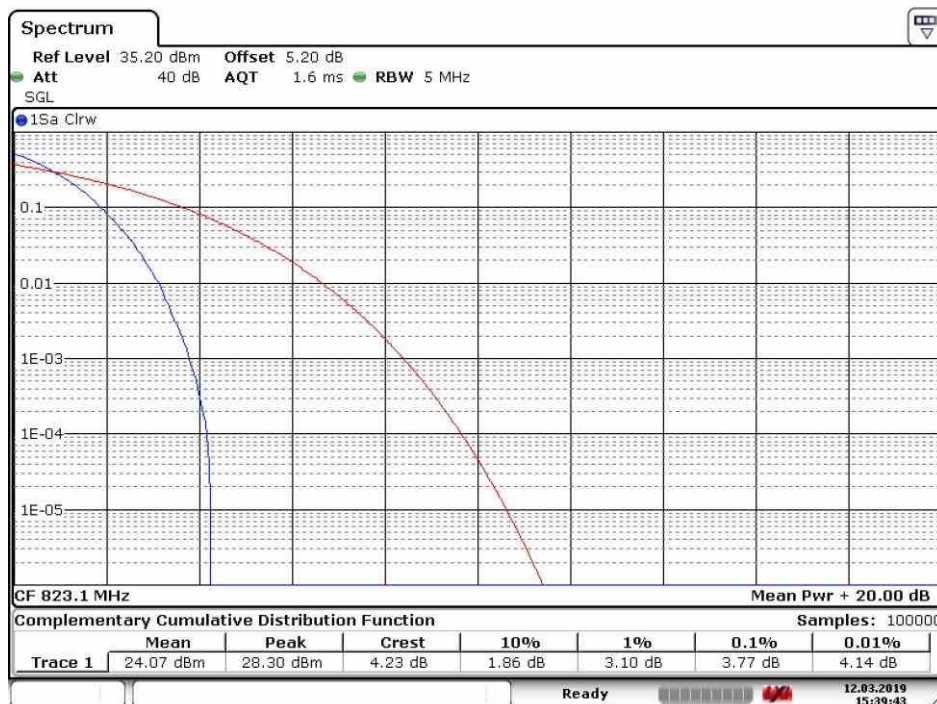
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2.1.3.1.2 Test Channel = MCH



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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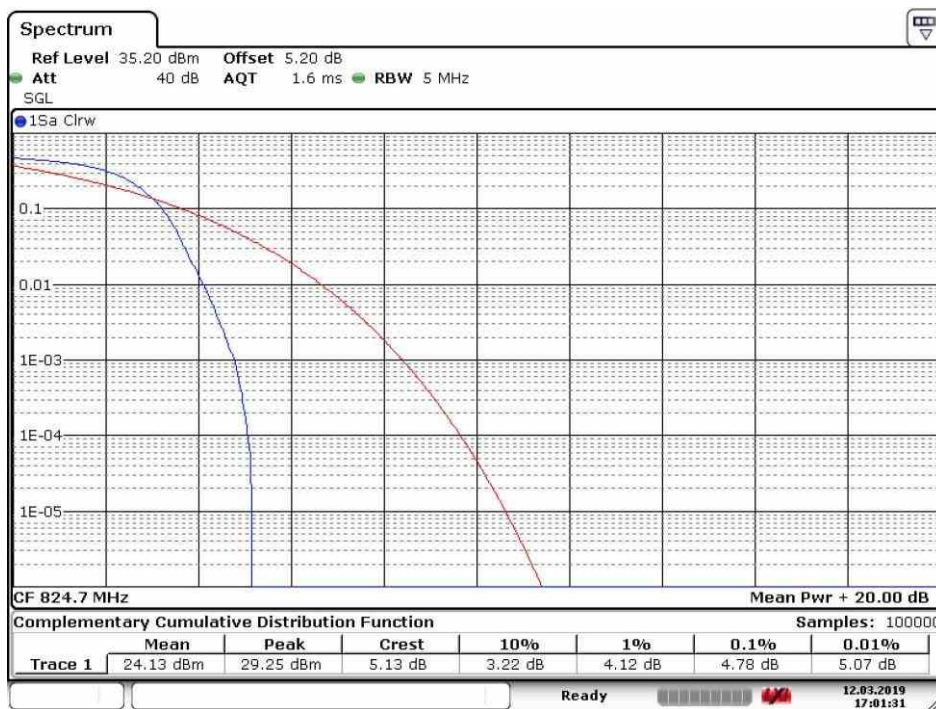
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2.1 For EVDO

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

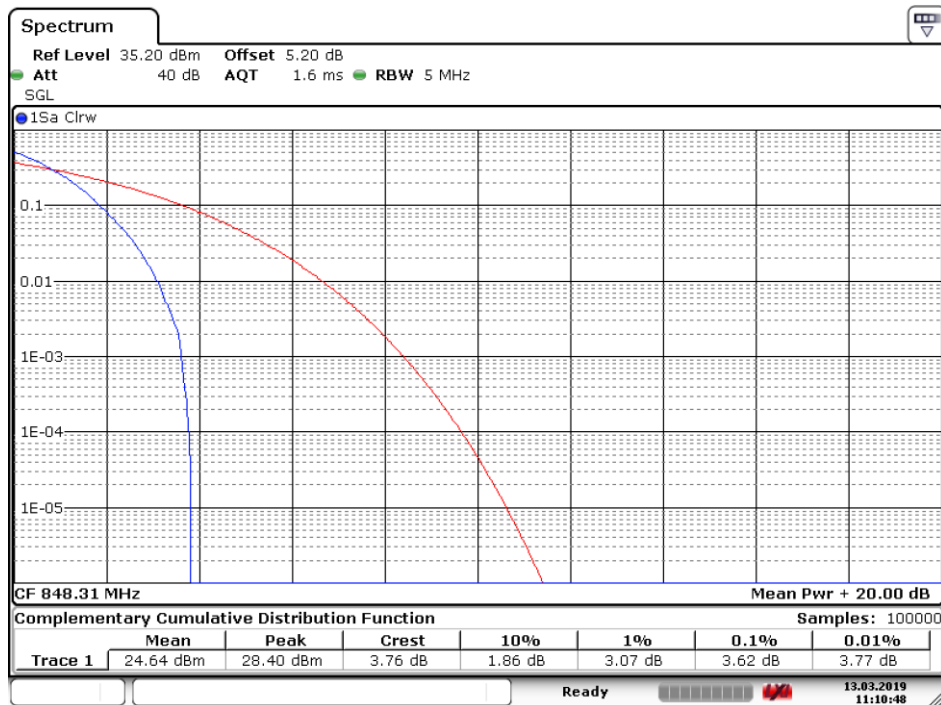


2.1.1.1.2 Test Channel = MCH



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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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

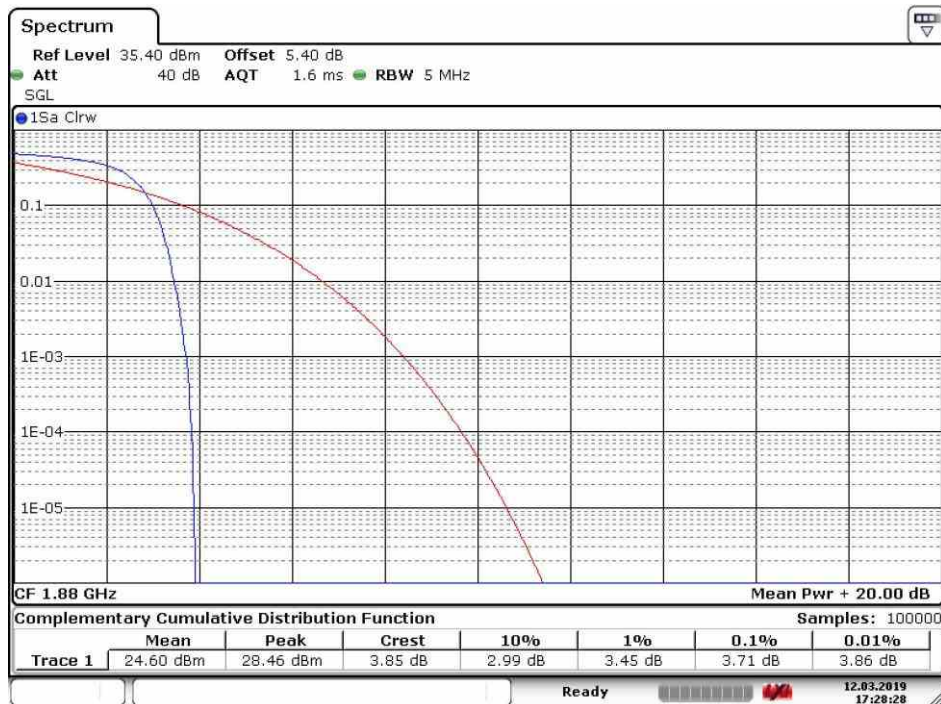


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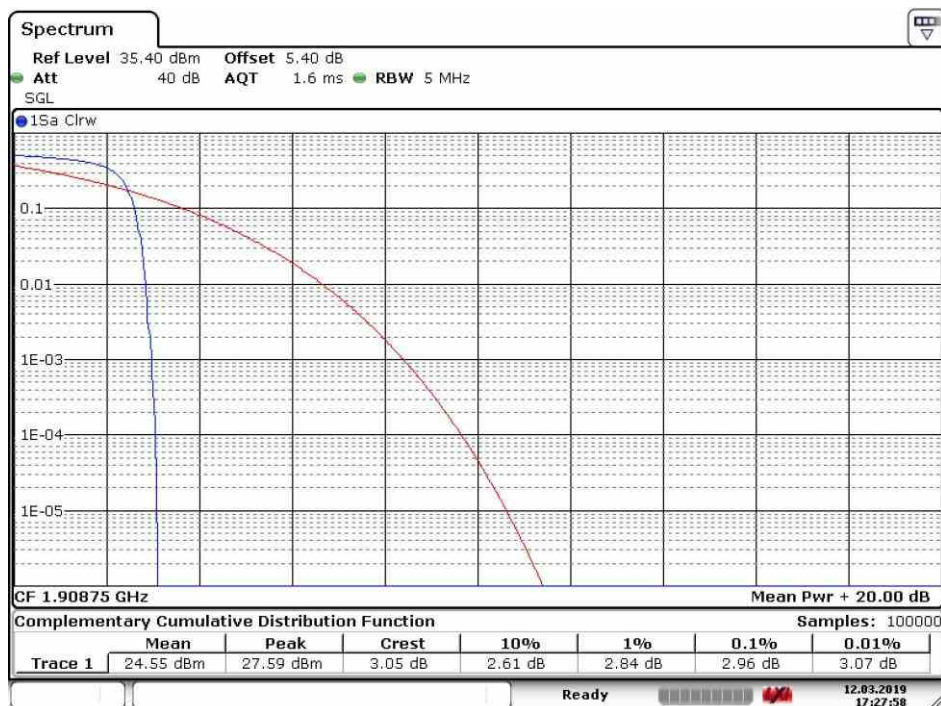
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2.1.2.1.2 Test Channel = MCH



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

2.1.2.1.3 Test Channel = HCH



Date: 12.MAR.2019 17:27:59



2.1.3 Test Band = EVDO BC10

2.1.3.1 Test Mode = EVDO /TM1

2.1.3.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:36:37

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

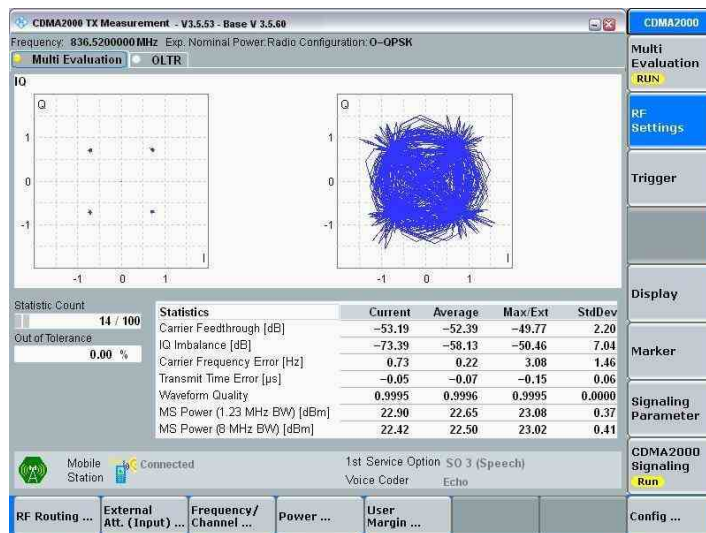
Part I - Test Plots

3.1 For CDMA

3.1.1 Test Band = CDMA BC0

3.1.1.1 Test Mode = CDMA /TM1

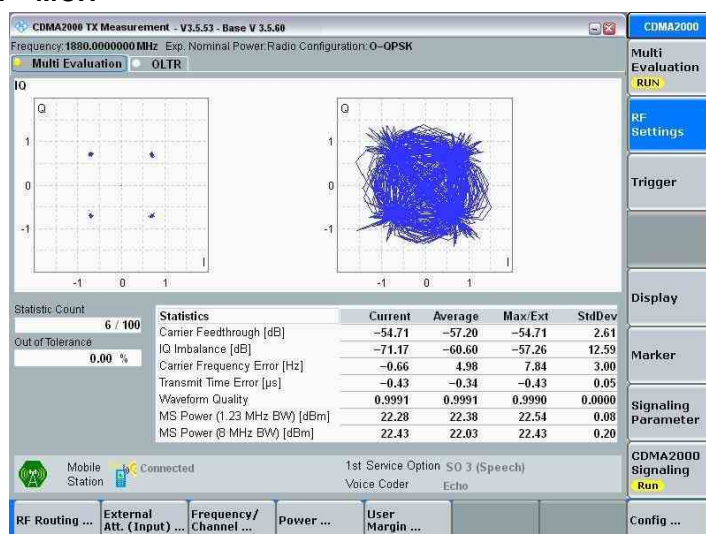
3.1.1.1.1 Test Channel = MCH



3.1.2 Test Band = CDMA BC1

3.1.2.1 Test Mode = CDMA /TM1

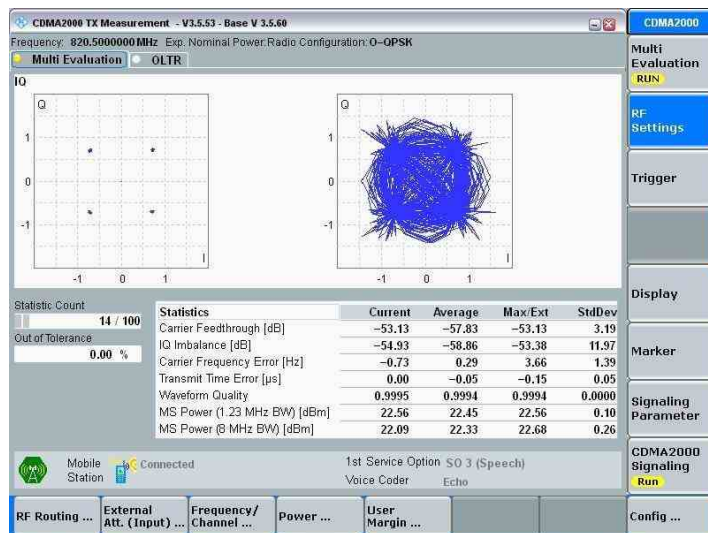
3.1.2.1.1 Test Channel = MCH



3.1.3 Test Band = CDMA BC10

3.1.3.1 Test Mode = CDMA /TM1

3.1.3.1.1 Test Channel = MCH

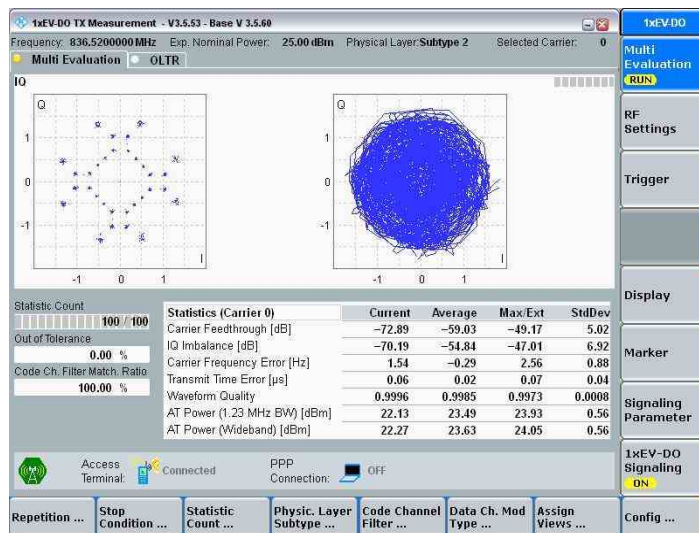


3.2 For EVDO

3.2.1 Test Band = EVDO BC0

3.2.1.1 Test Mode = EVDO /TM1

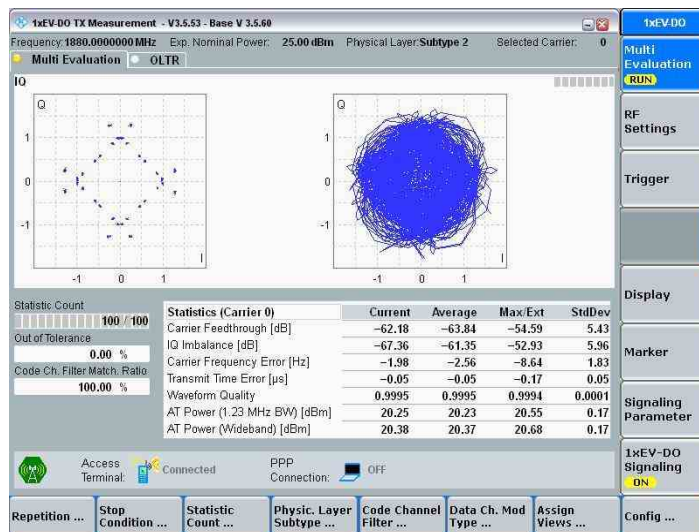
3.2.1.1.1 Test Channel = MCH



3.2.2 Test Band = EVDO BC1

3.2.2.1 Test Mode = EVDO /TM1

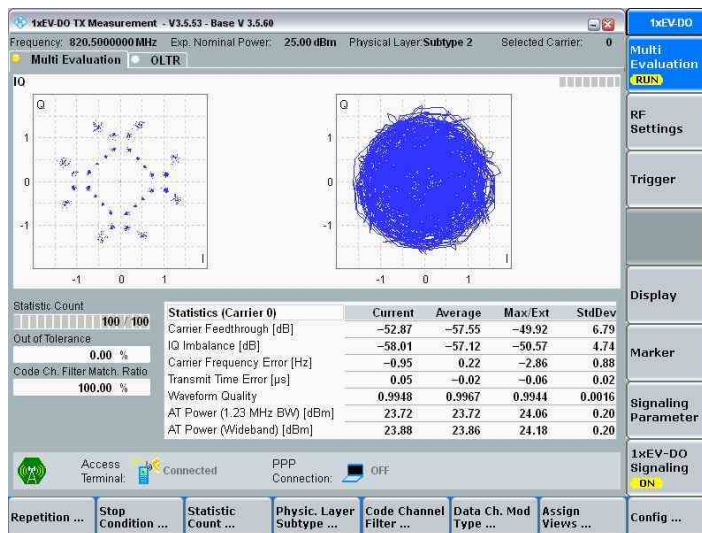
3.2.2.1.1 Test Channel = MCH



3.2.3 Test Band = EVDO BC10

3.2.3.1 Test Mode = EVDO /TM1

3.2.3.1.1 Test Channel = MCH



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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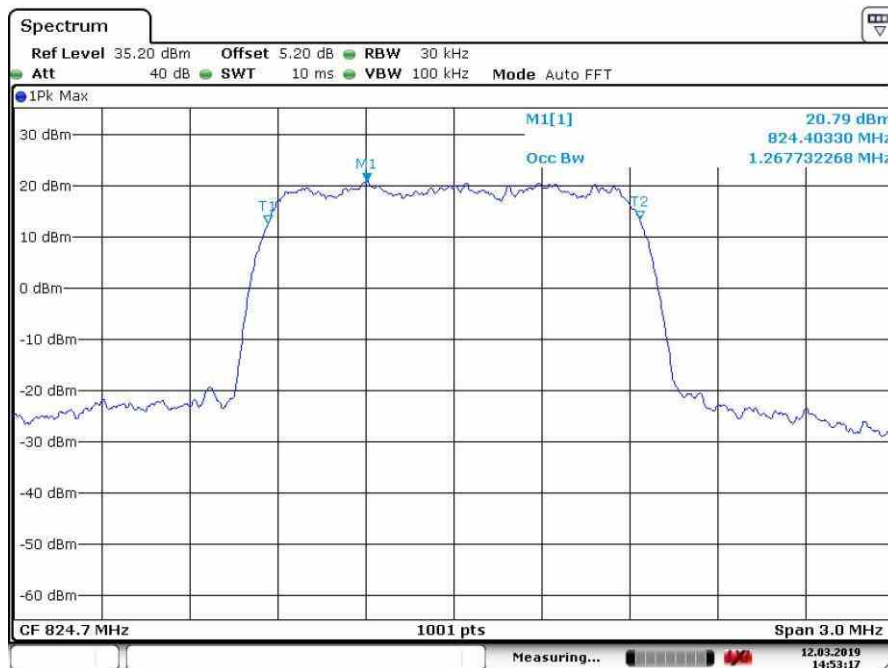
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4.1 For CDMA

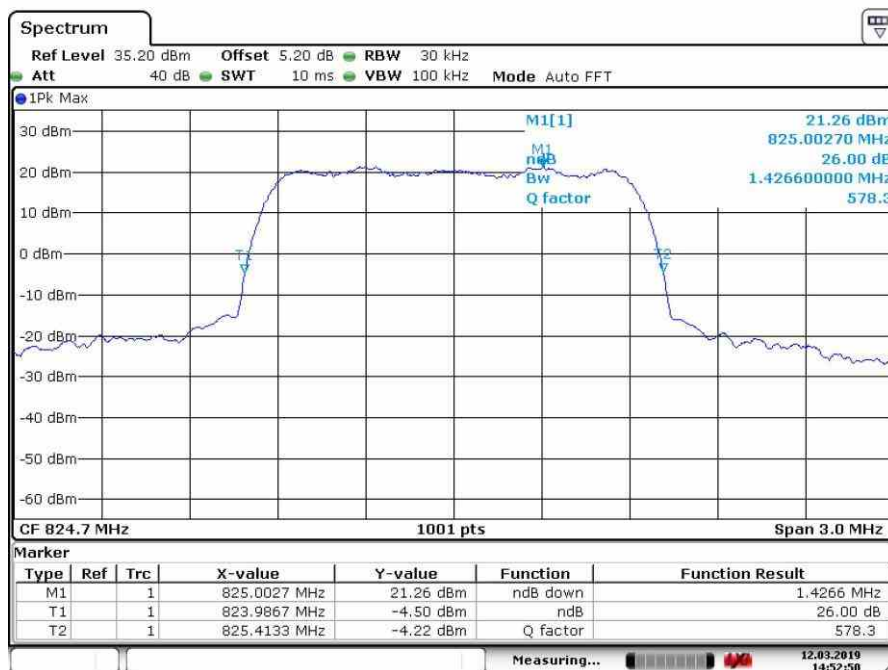
4.1.1 Test Band = CDMA BC0

4.1.1.1 Test Mode = CDMA /TM1

4.1.1.1.1 Test Channel = LCH



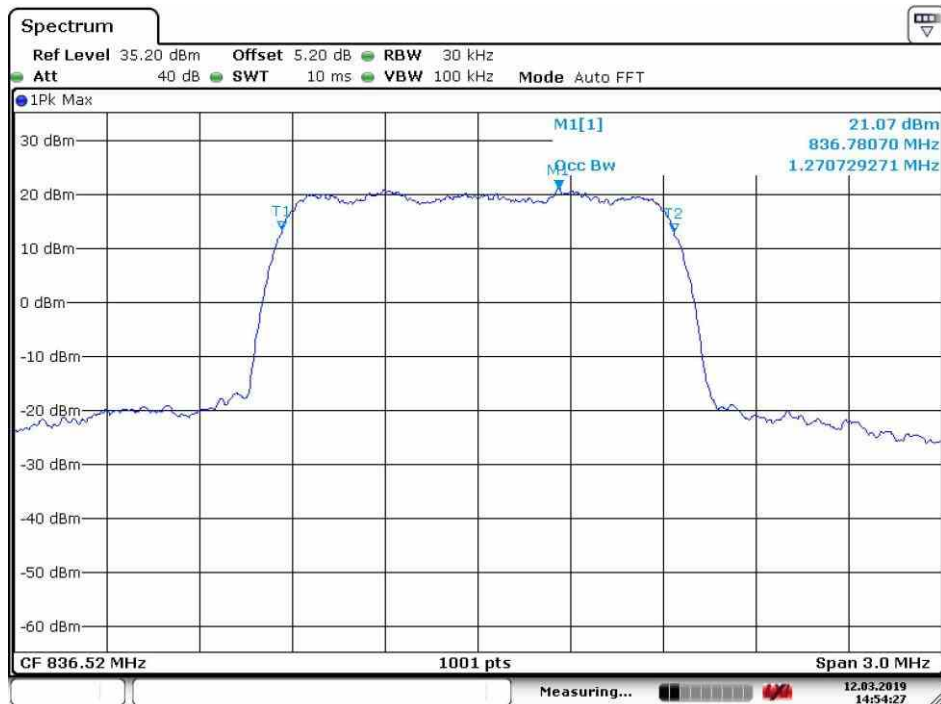
Date: 12.MAR.2019 14:53:17



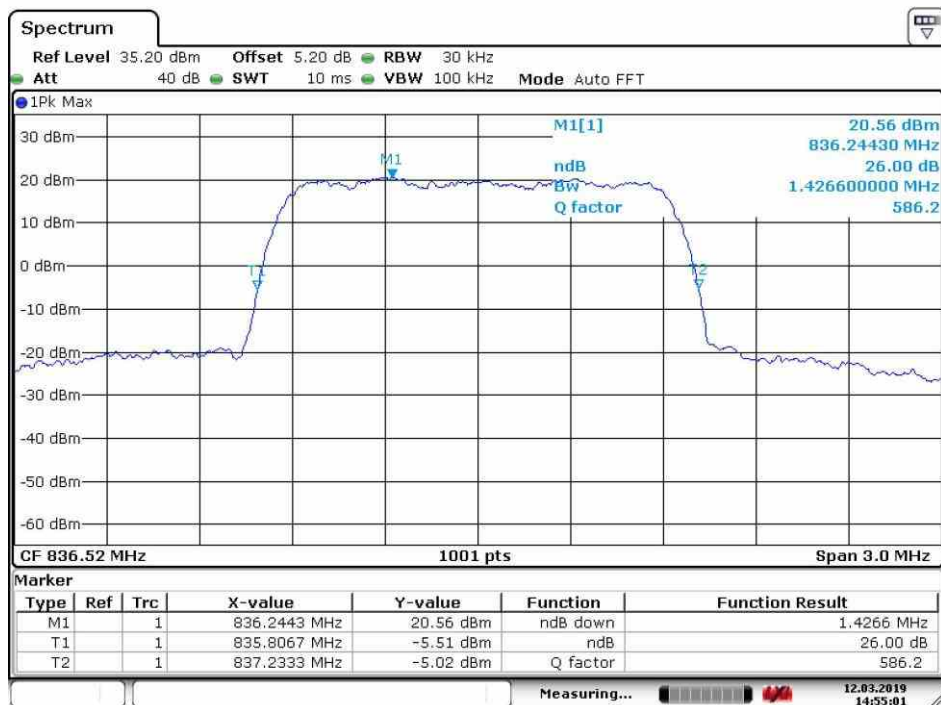
Date: 12.MAR.2019 14:52:50



4.1.1.1.2 Test Channel = MCH



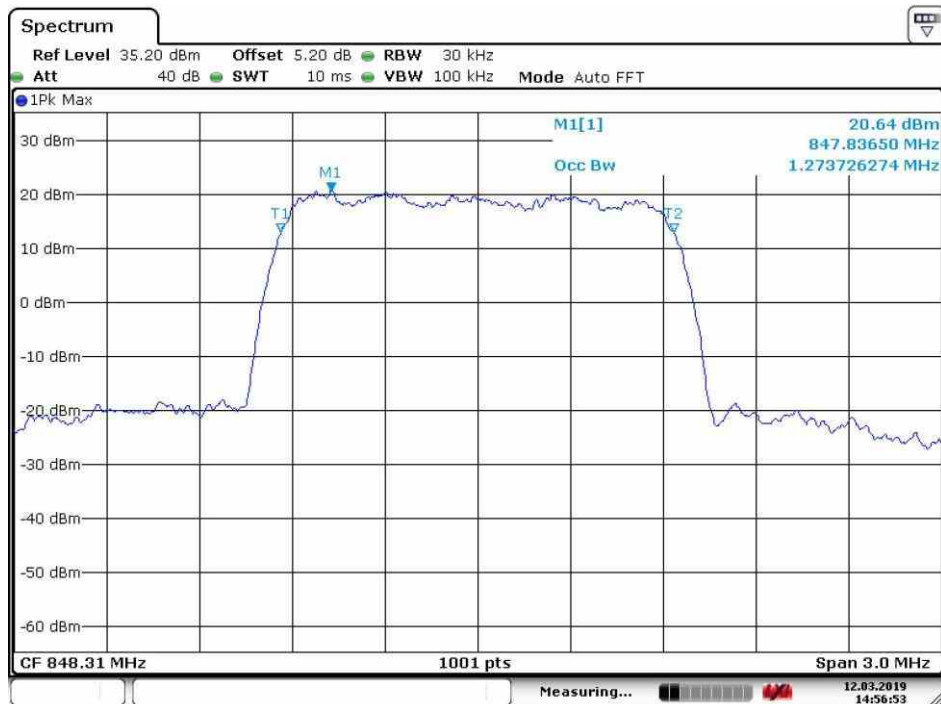
Date: 12.MAR.2019 14:54:27



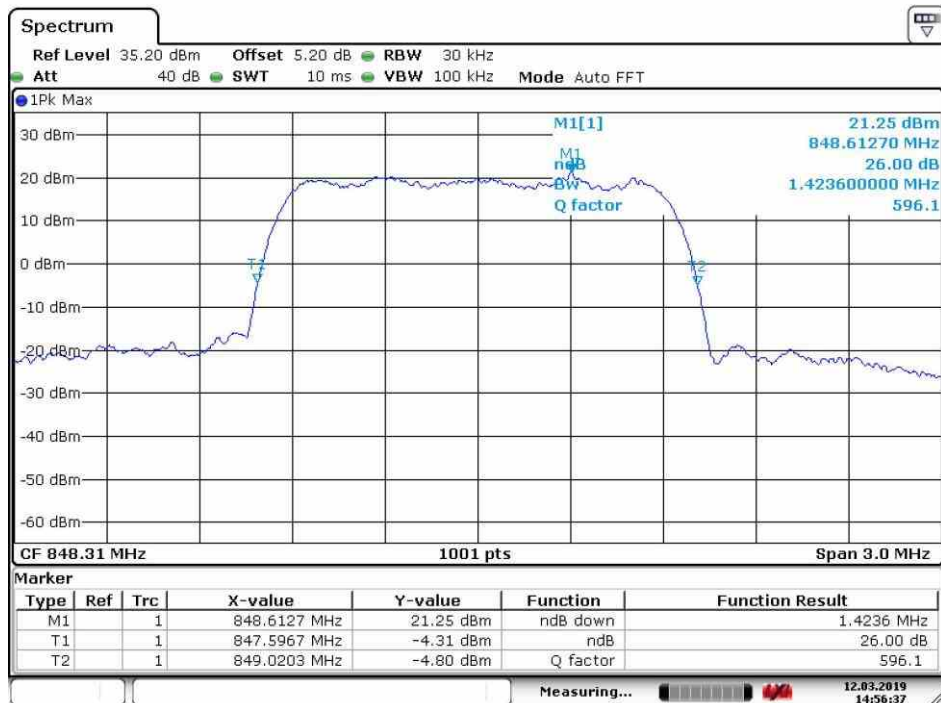
Date: 12.MAR.2019 14:55:02



4.1.1.1.3 Test Channel = HCH



Date: 12.MAR.2019 14:56:53



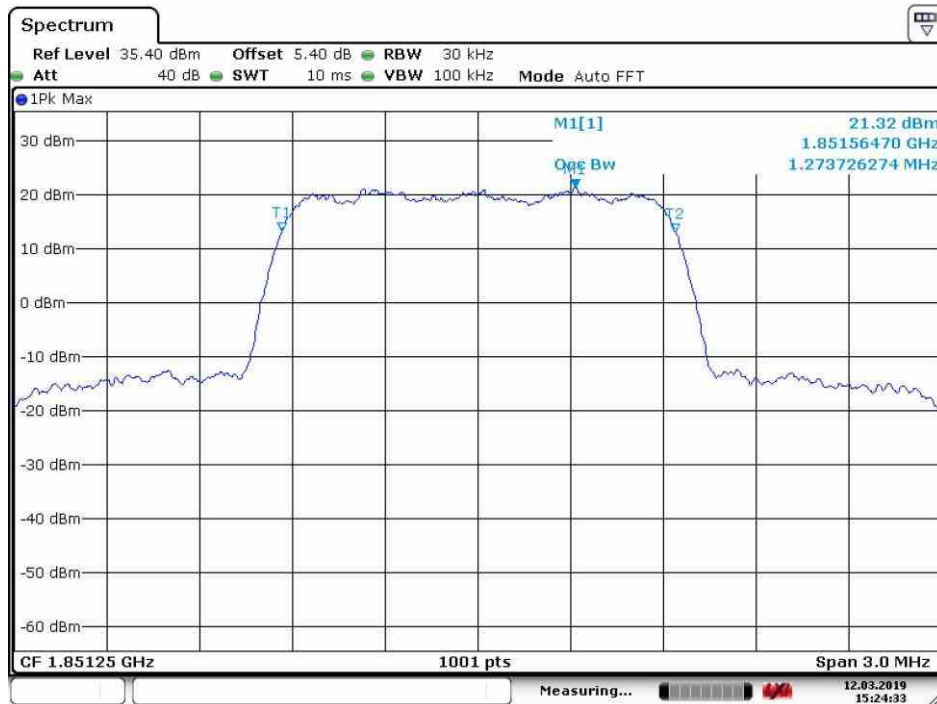
Date: 12.MAR.2019 14:56:38



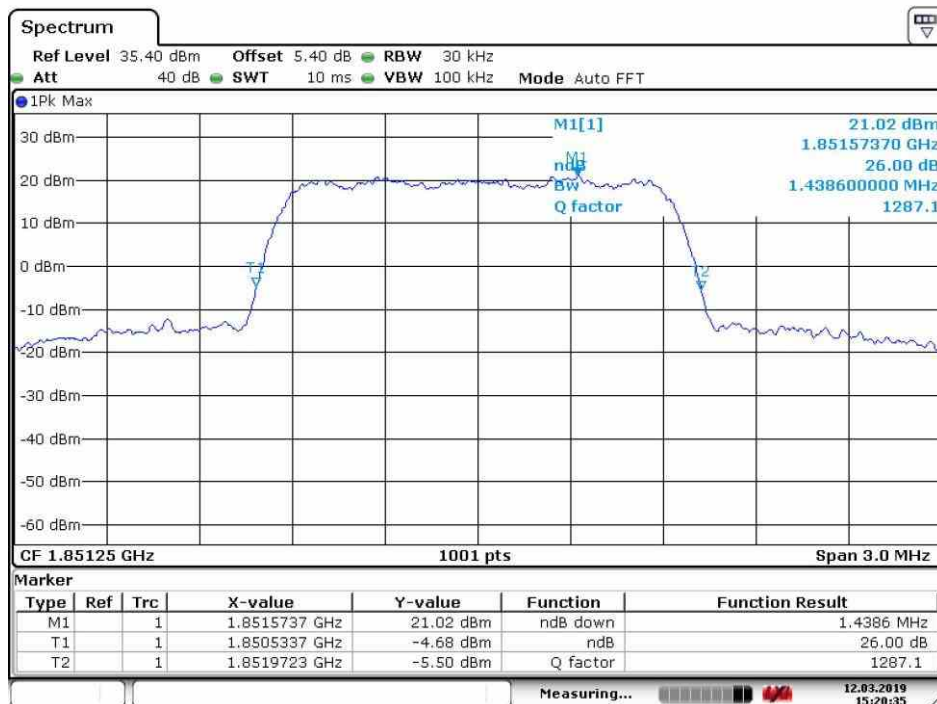
4.1.2 Test Band = CDMA BC1

4.1.2.1 Test Mode = CDMA /TM1

4.1.2.1.1 Test Channel = LCH



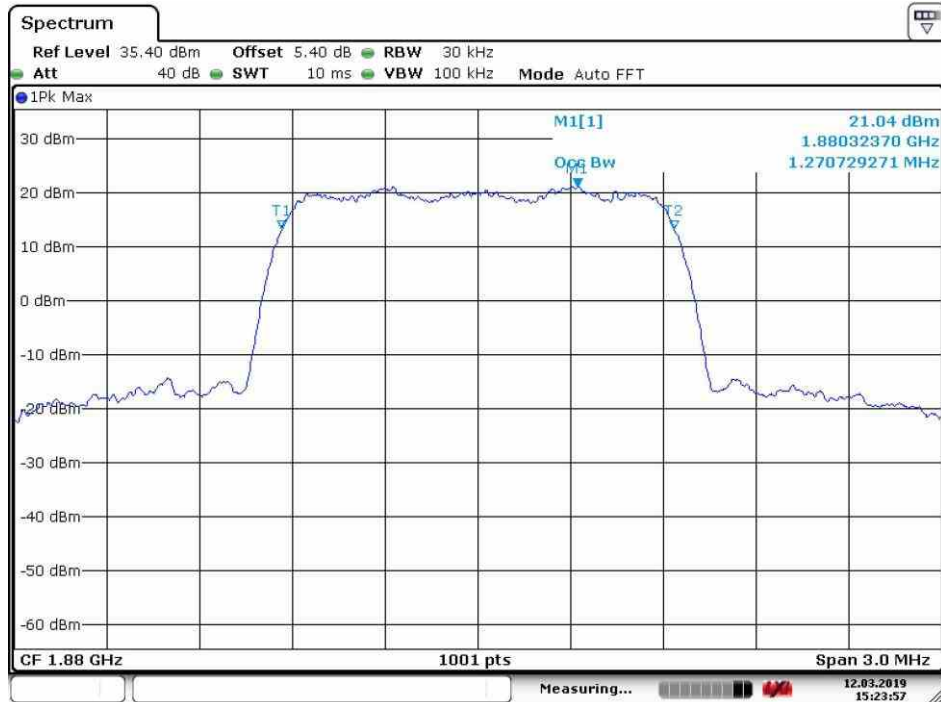
Date: 12.MAR.2019 15:24:33



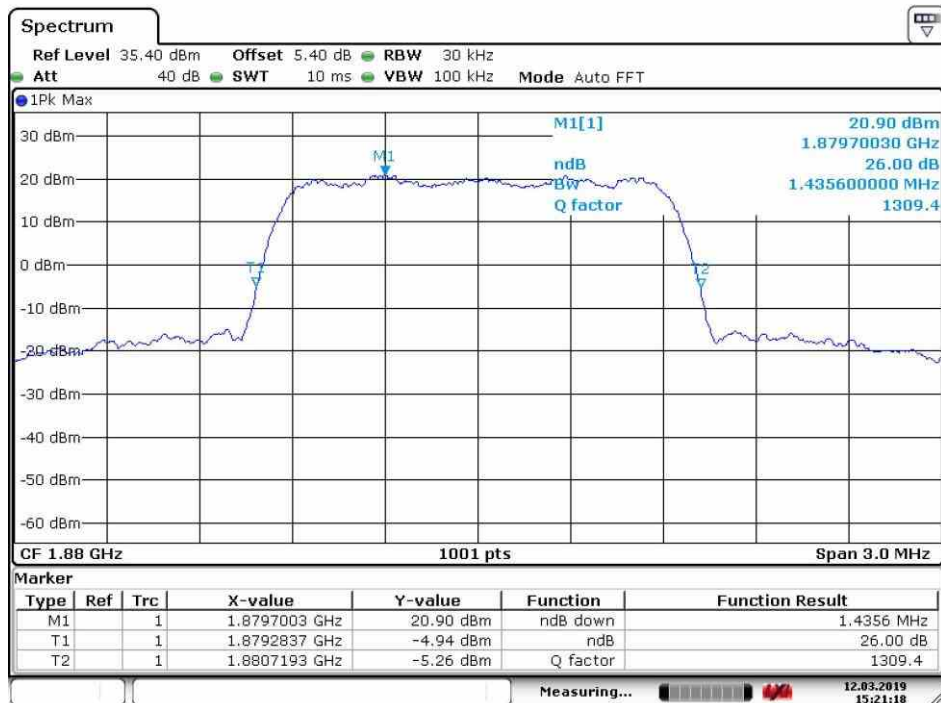
Date: 12.MAR.2019 15:20:36



4.1.2.1.2 Test Channel = MCH



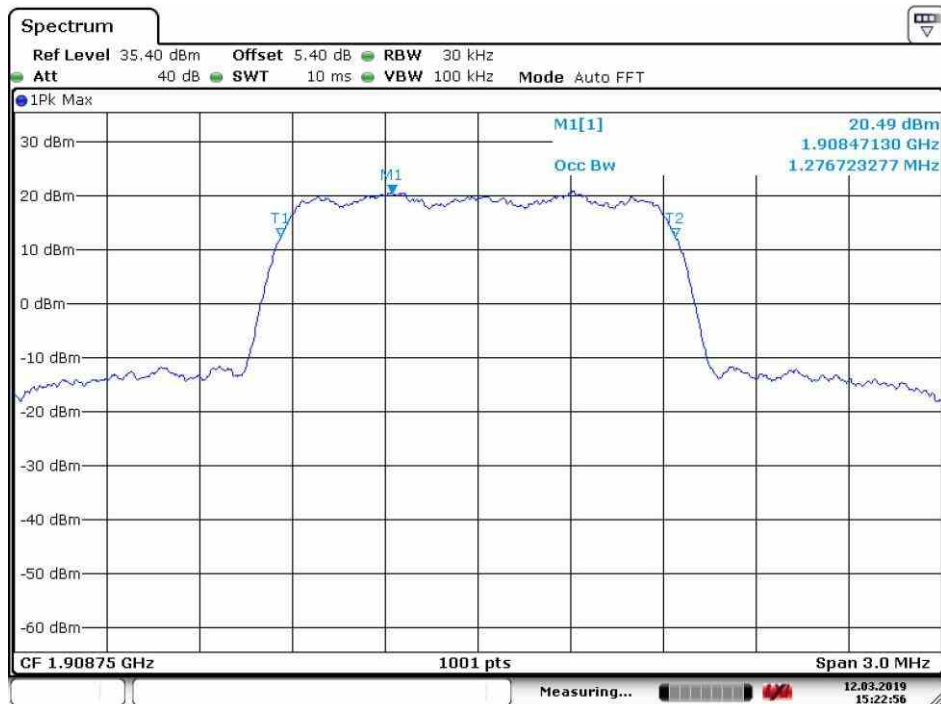
Date: 12.MAR.2019 15:23:57



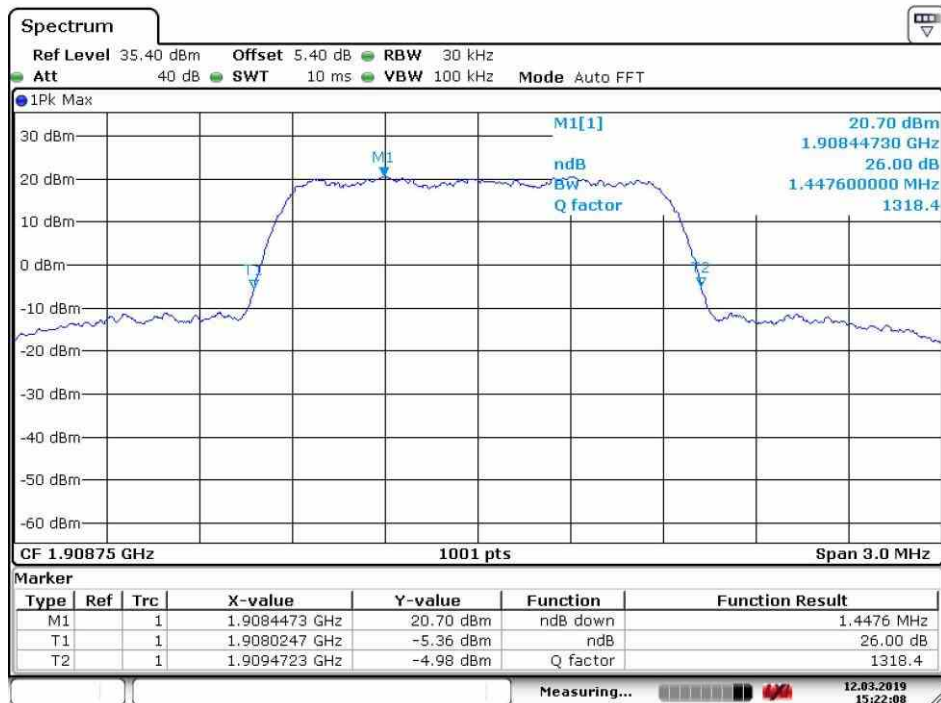
Date: 12.MAR.2019 15:21:18



4.1.2.1.3 Test Channel = HCH



Date: 12.MAR.2019 15:22:57



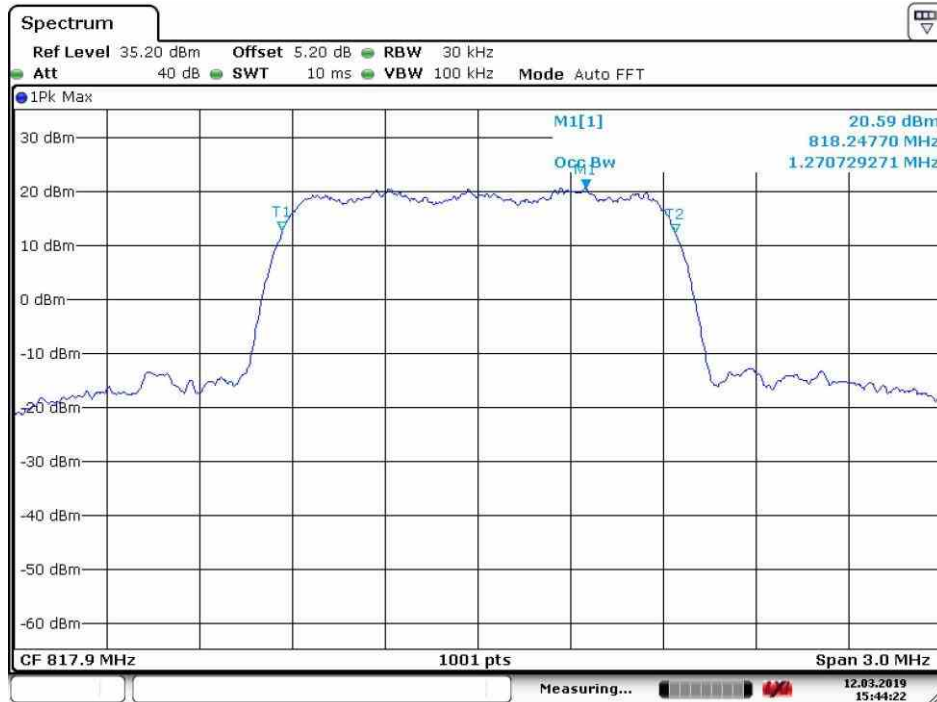
Date: 12.MAR.2019 15:22:08



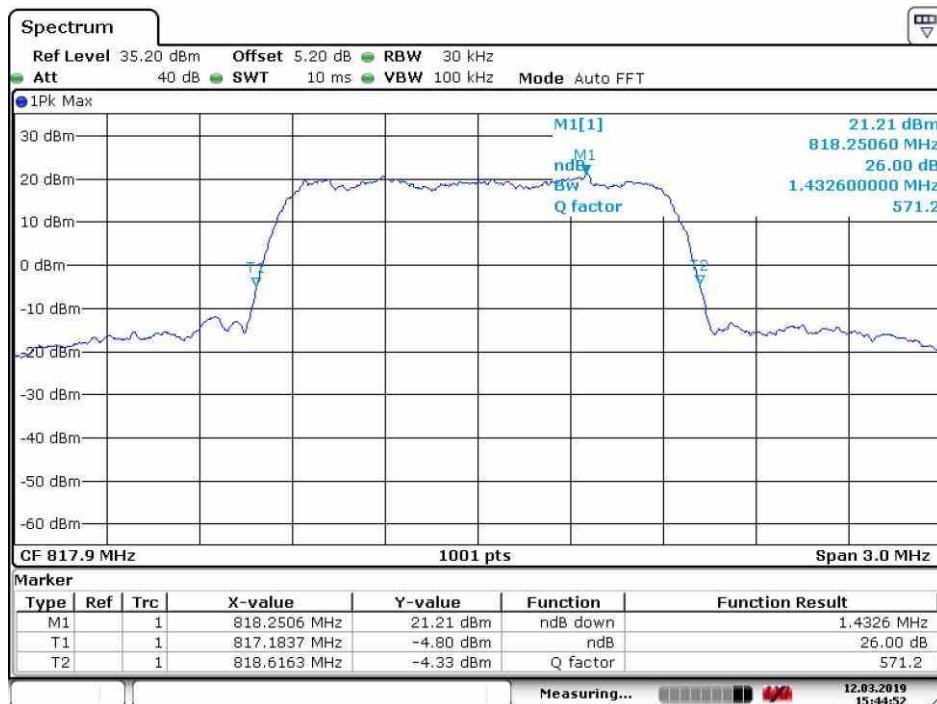
4.1.3 Test Band = CDMA BC10

4.1.3.1 Test Mode = CDMA /TM1

4.1.3.1.1 Test Channel = LCH



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



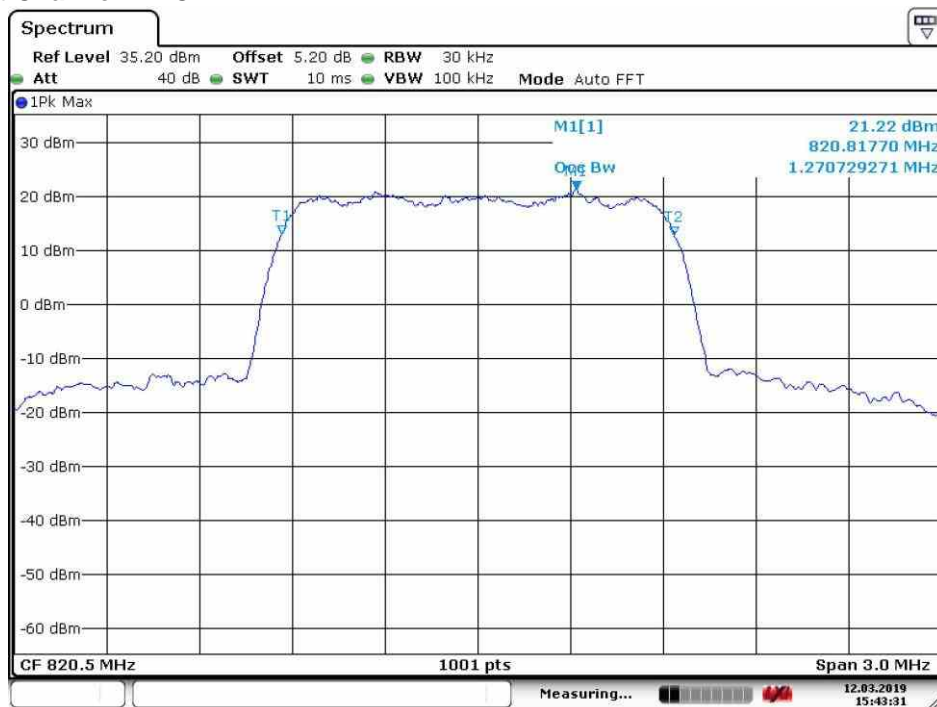
Date: 12.MAR.2019 15:44:52



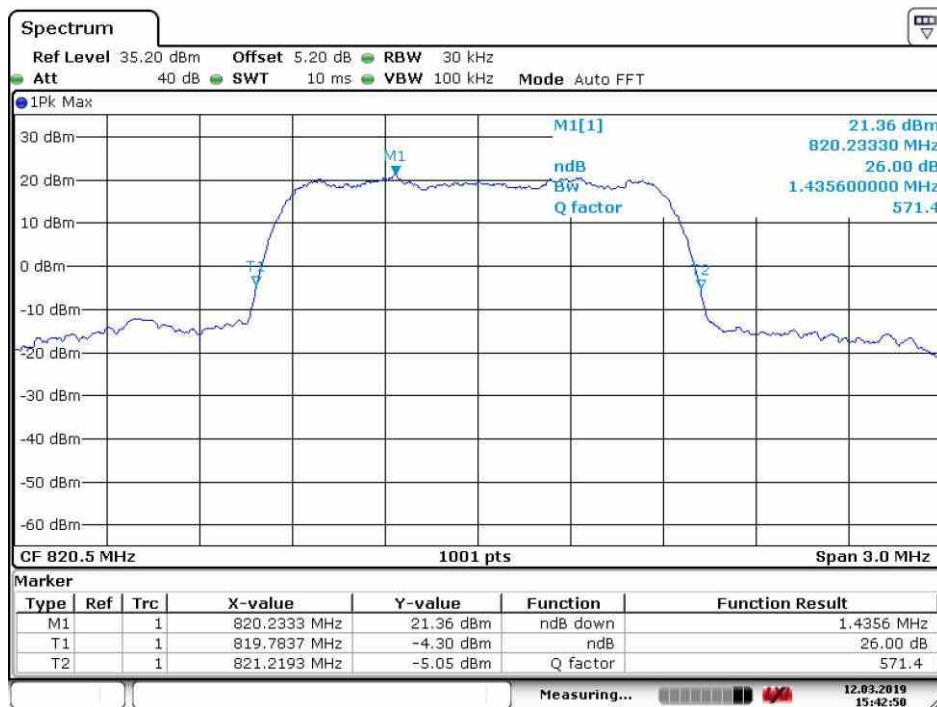
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4.1.3.1.2 Test Channel = MCH



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



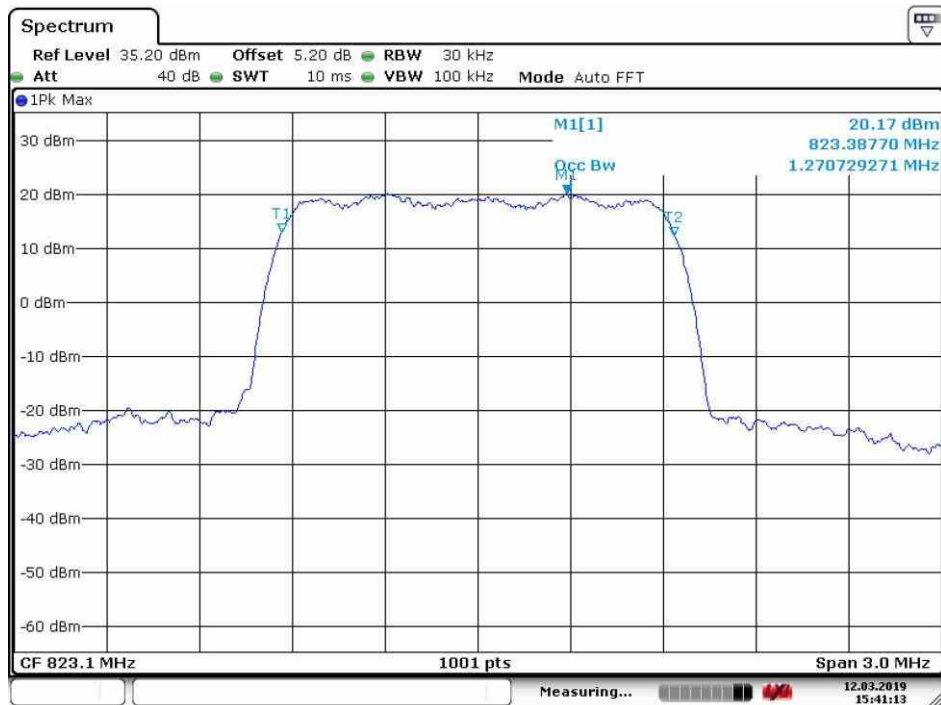
Date: 12.MAR.2019 15:42:50



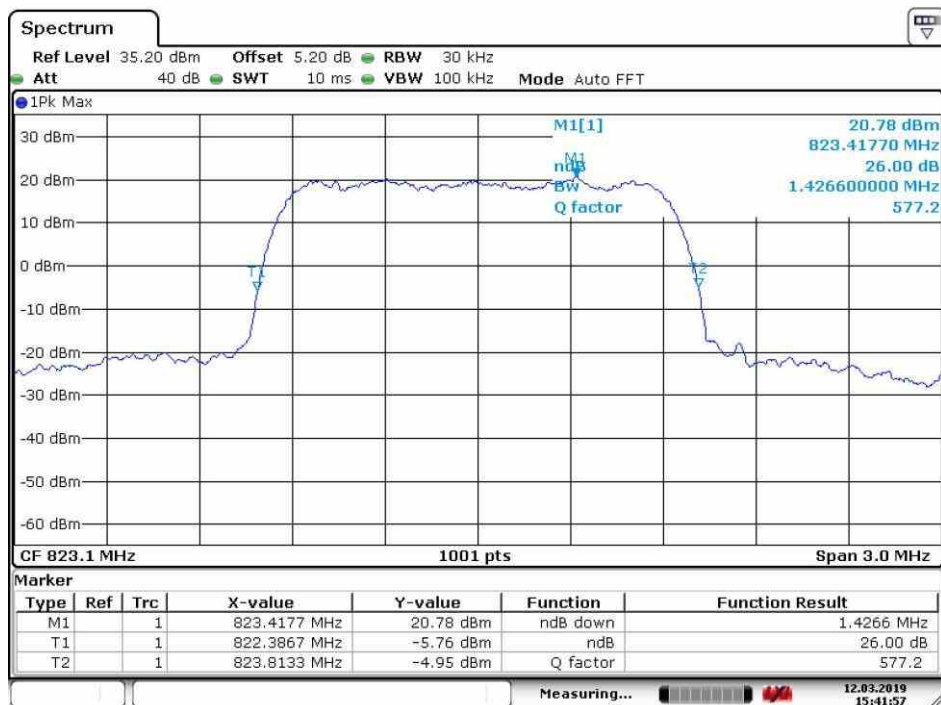
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4.1.3.1.3 Test Channel = HCH



Date: 12.MAR.2019 15:41:14



Date: 12.MAR.2019 15:41:57

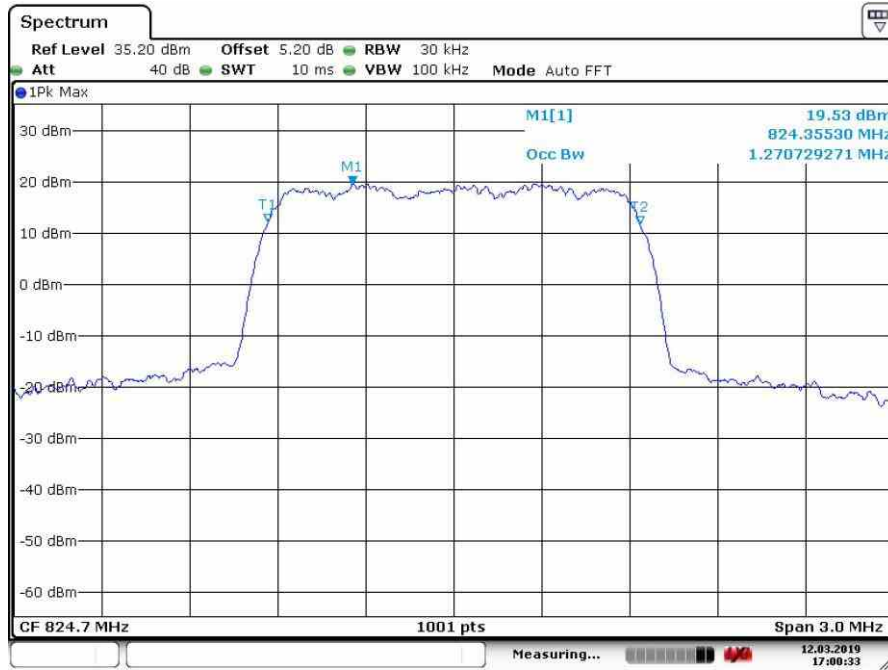


4.2 For EVDO

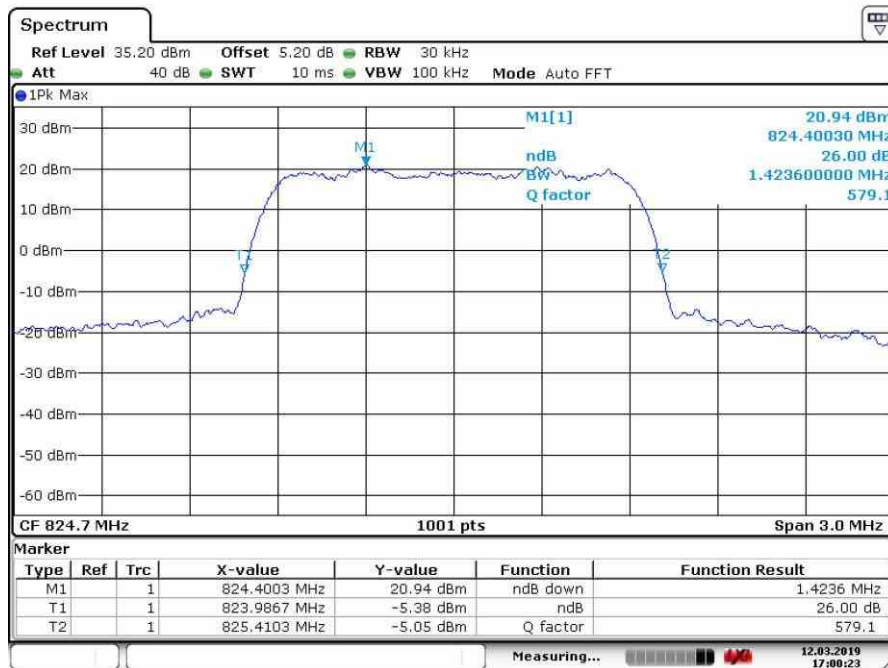
4.2.1 Test Band = EVDO BC0

4.2.1.1 Test Mode = EVDO /TM1

4.2.1.1.1 Test Channel = LCH



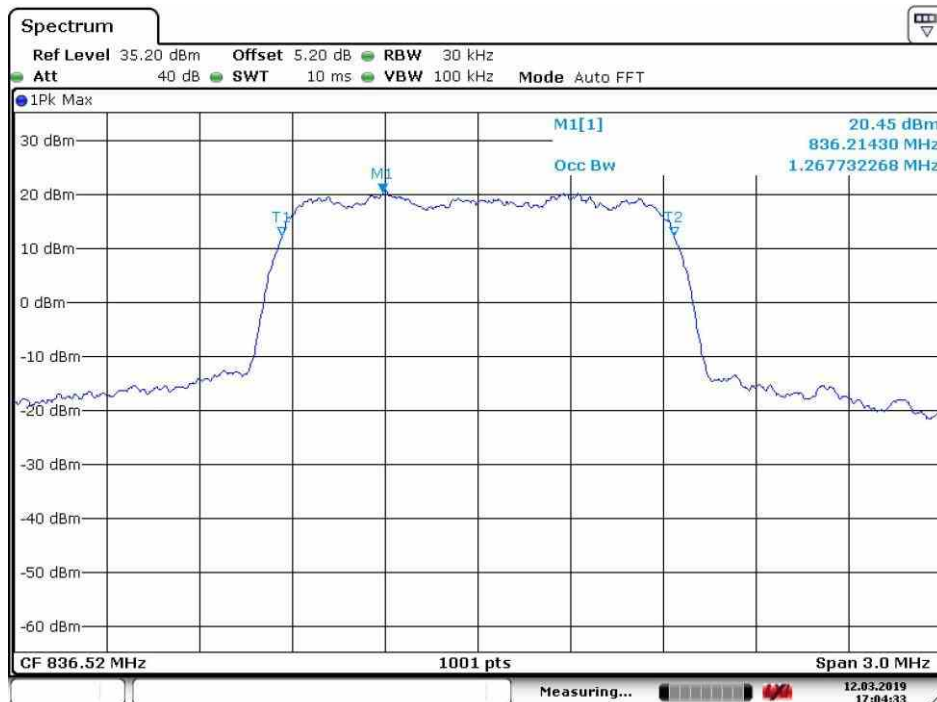
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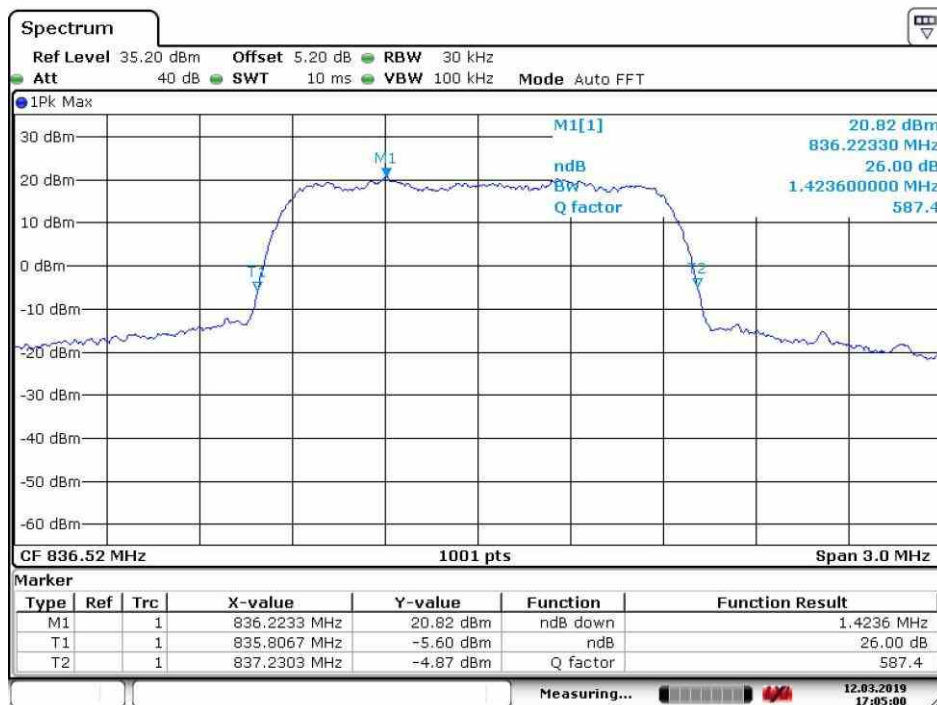
Date: 12.MAR.2019 17:00:23



4.2.1.1.2 Test Channel = MCH



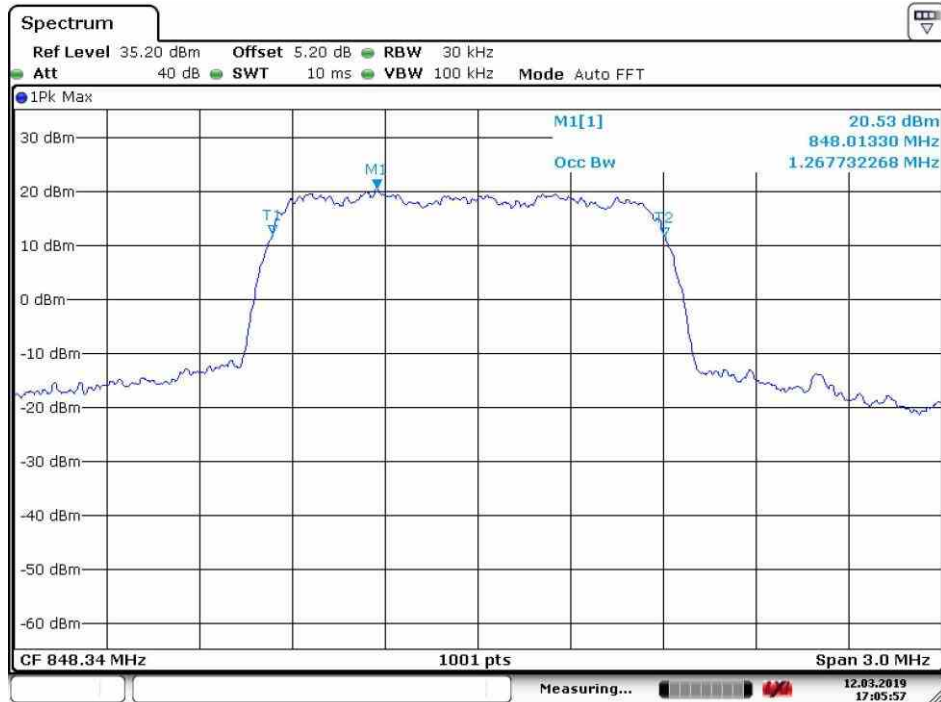
Date: 12.MAR.2019 17:04:34



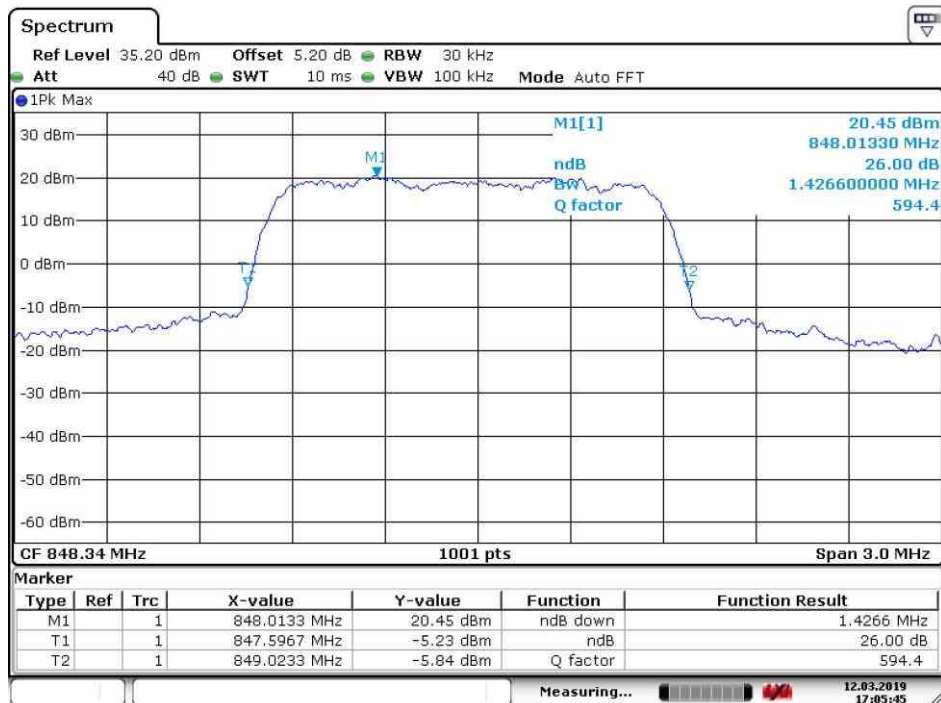
Date: 12.MAR.2019 17:05:00



4.2.1.1.3 Test Channel = HCH



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



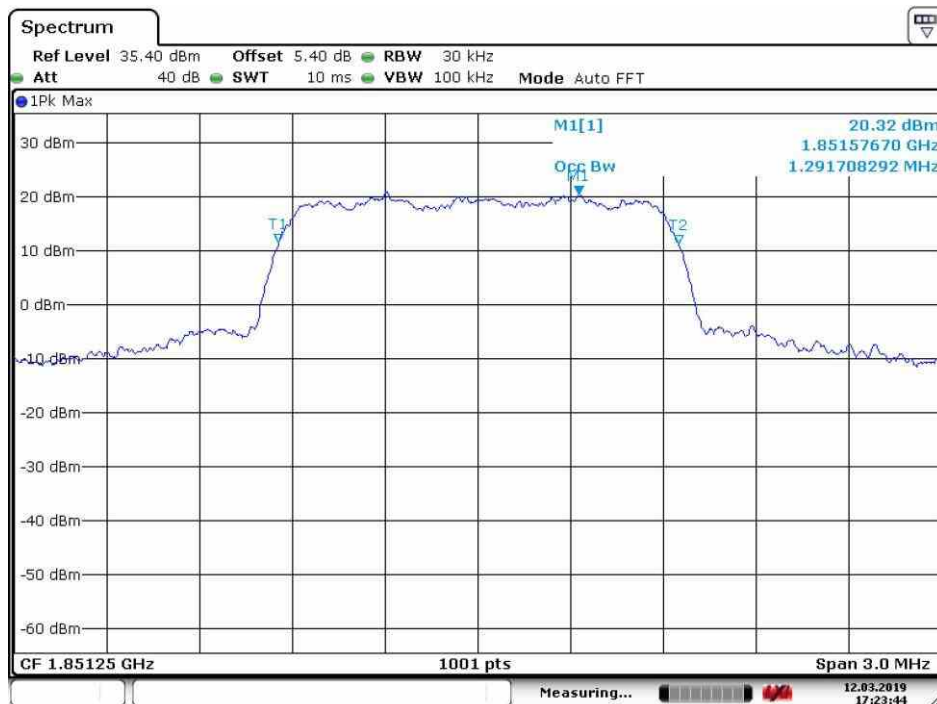
Date: 12.MAR.2019 17:05:46



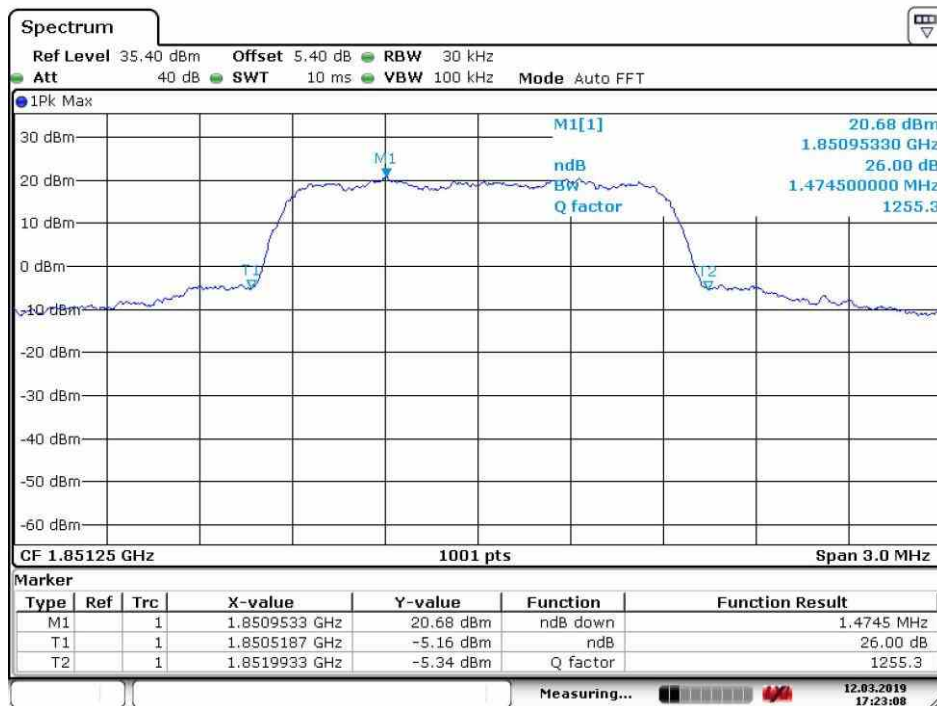
4.2.2 Test Band = EVDO BC1

4.2.2.1 Test Mode = EVDO /TM1

4.2.2.1.1 Test Channel = LCH



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



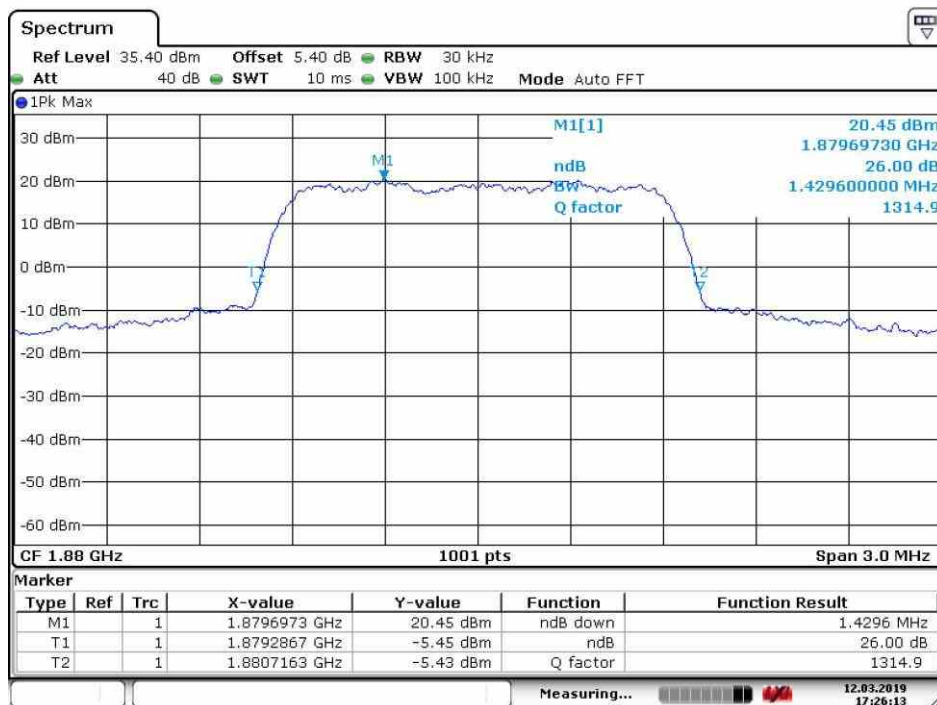
Date: 12.MAR.2019 17:23:09



4.2.2.1.2 Test Channel = MCH



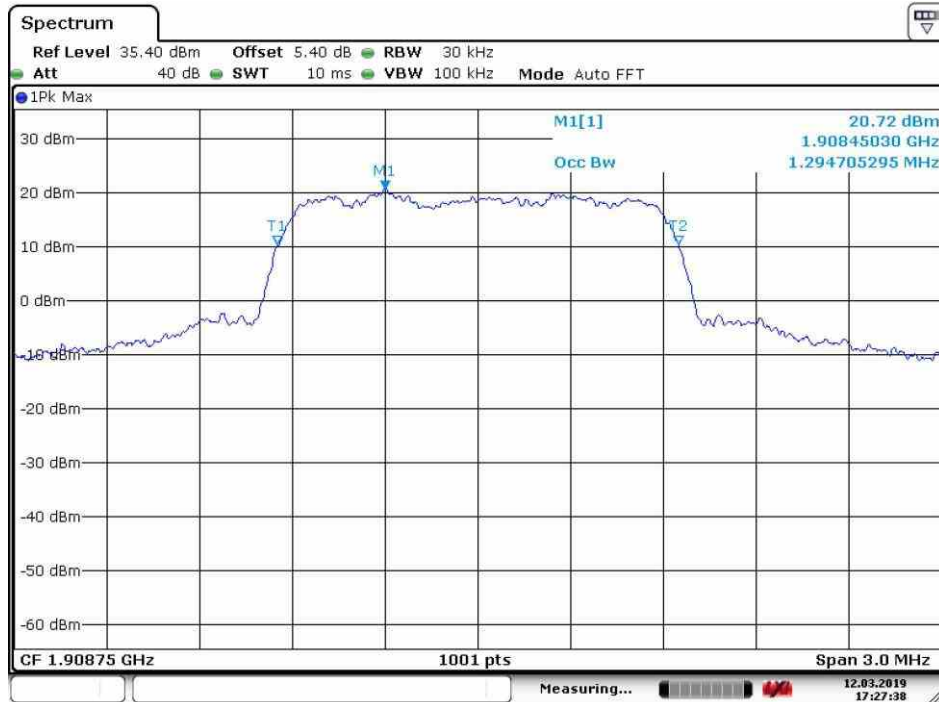
Date: 12.MAR.2019 17:25:51



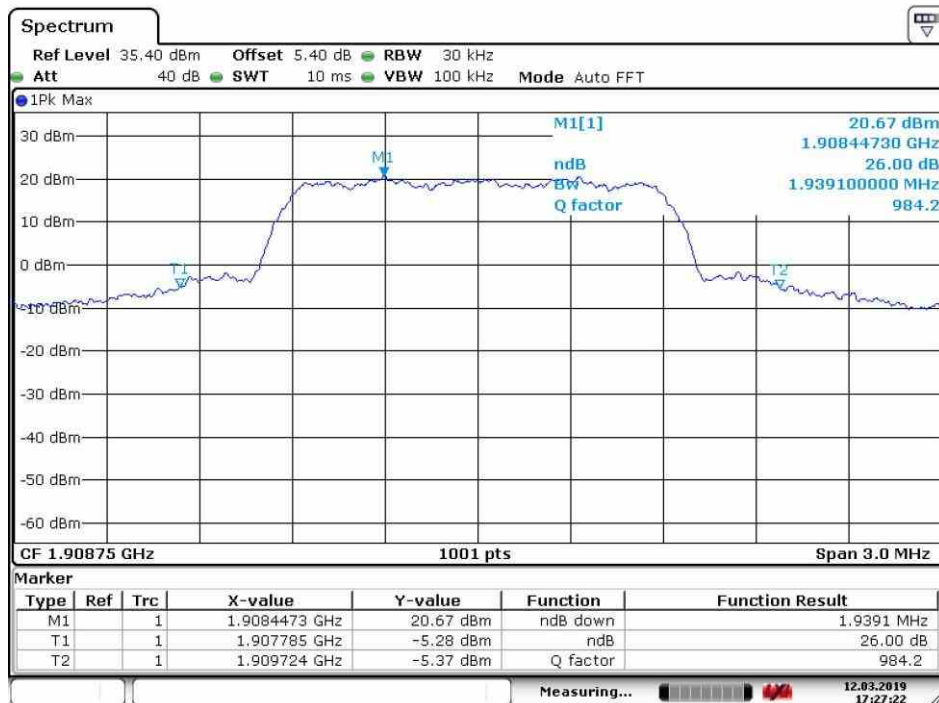
Date: 12.MAR.2019 17:26:14



4.2.2.1.3 Test Channel = HCH



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



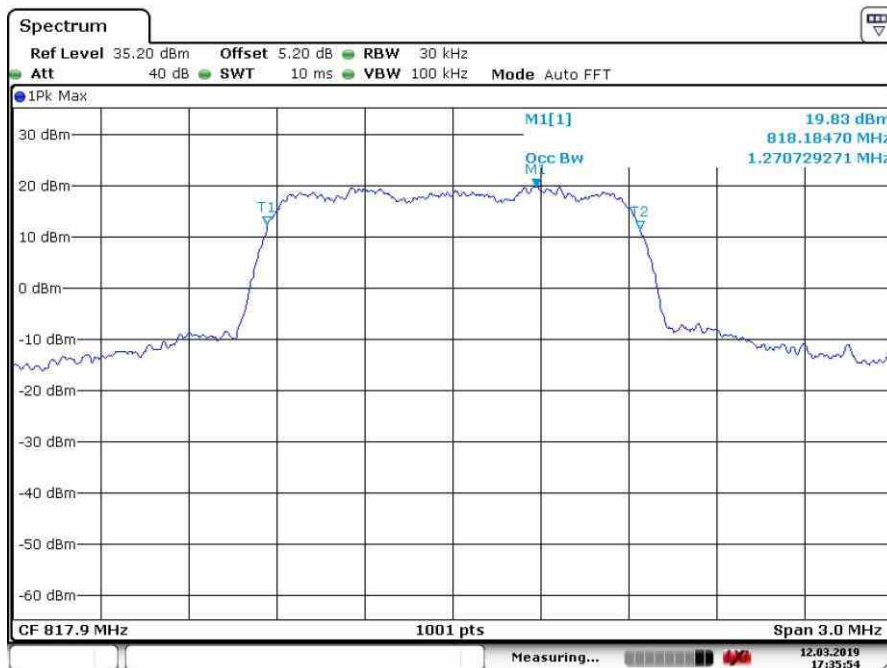
Date: 12.MAR.2019 17:27:23



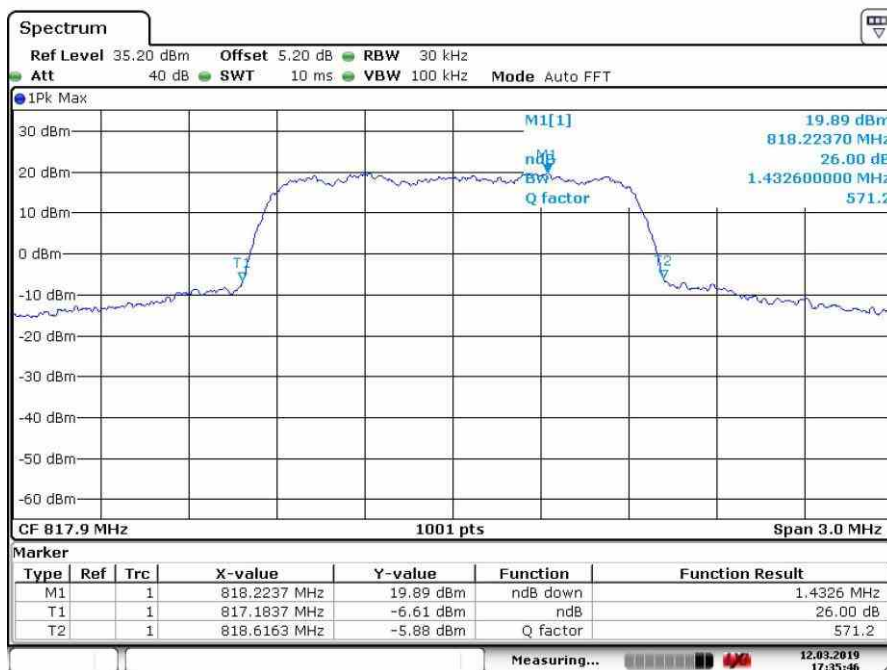
4.2.3 Test Band = EVDO BC10

4.2.3.1 Test Mode = EVDO /TM1

4.2.3.1.1 Test Channel = LCH



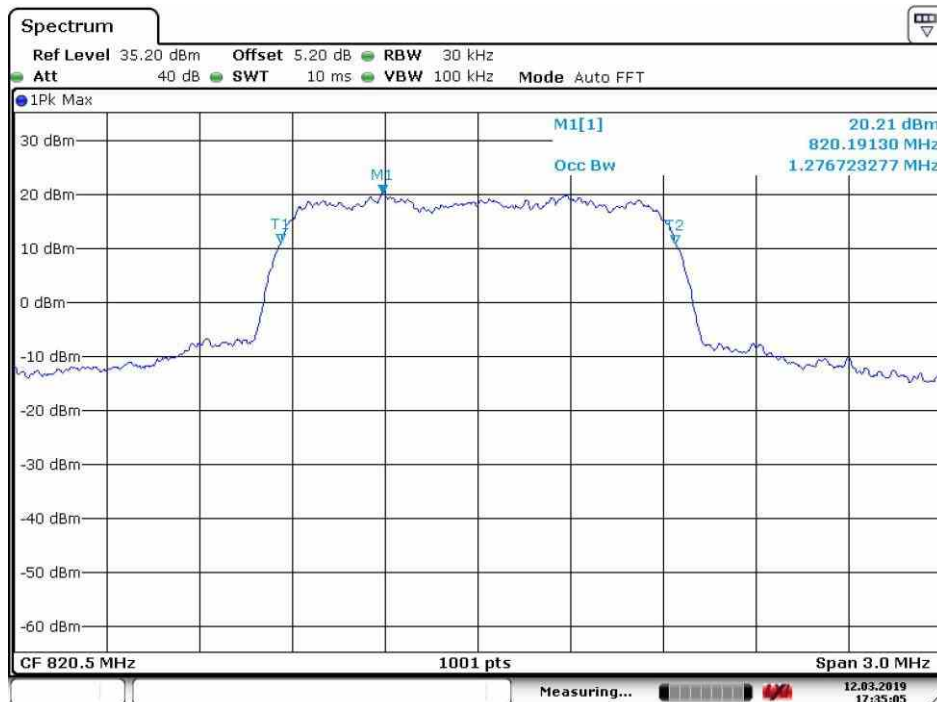
Date: 12.MAR.2019 17:35:55



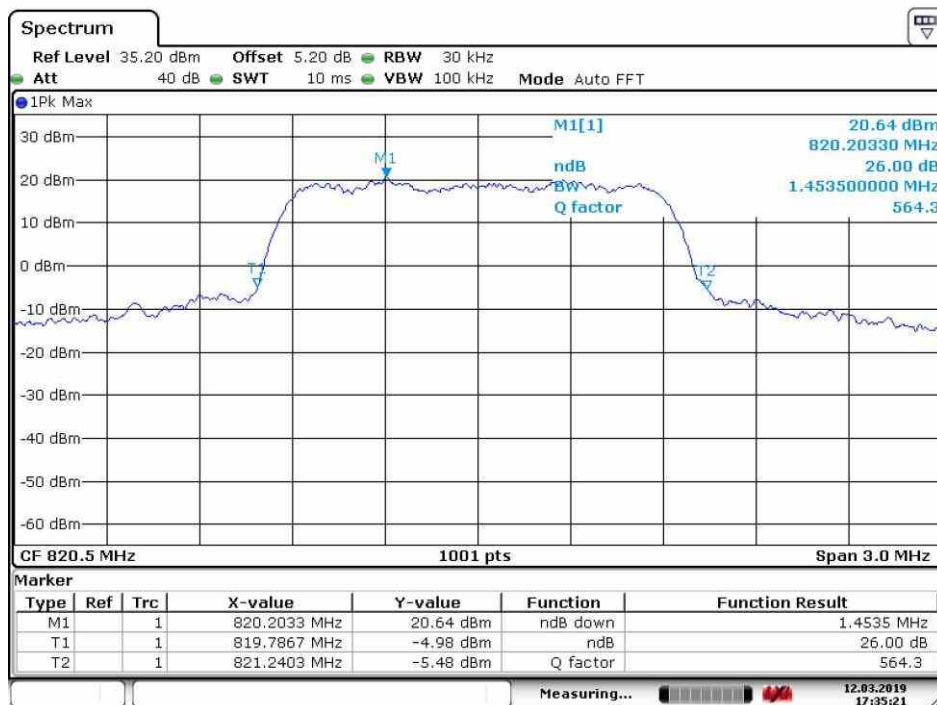
Date: 12.MAR.2019 17:35:47



4.2.3.1.2 Test Channel = MCH



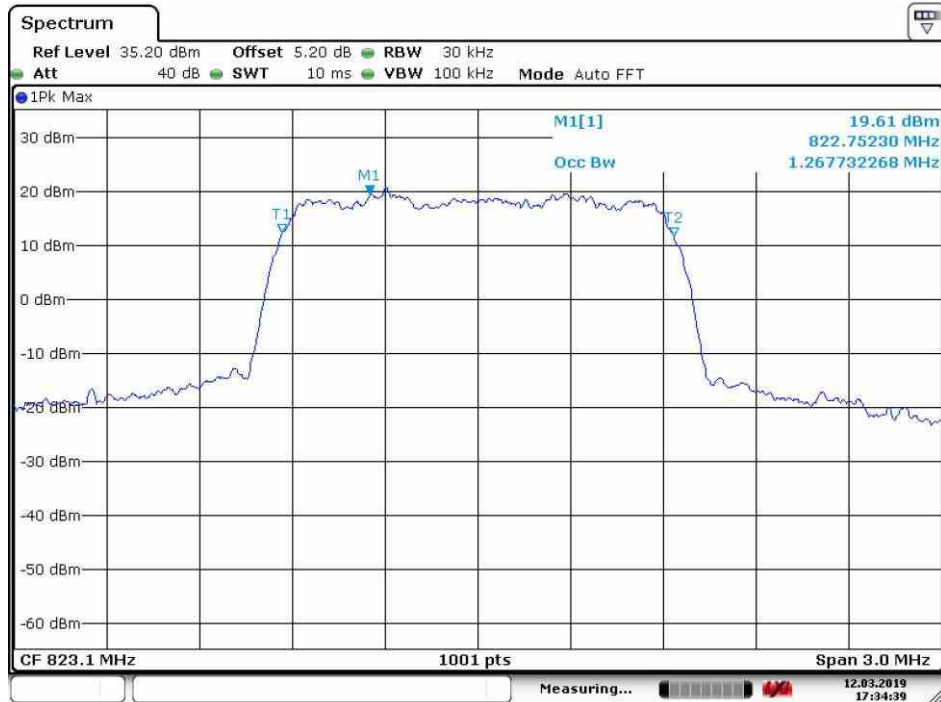
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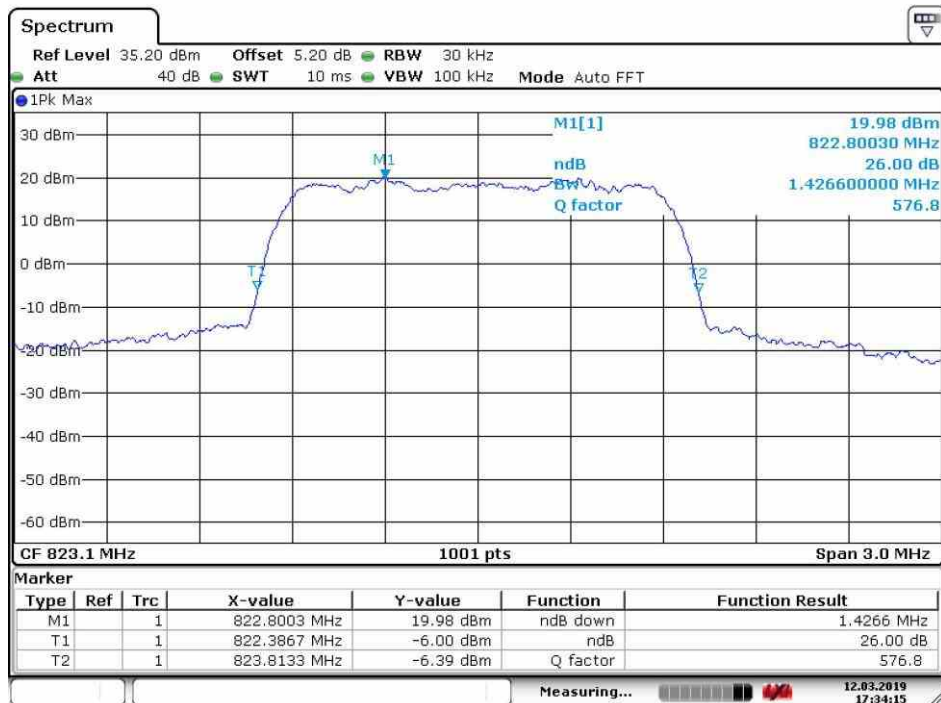
Date: 12.MAR.2019 17:35:22



4.2.3.1.3 Test Channel = HCH



Date: 12.MAR.2019 17:34:40



Date: 12.MAR.2019 17:34:15



5 Band Edges Compliance

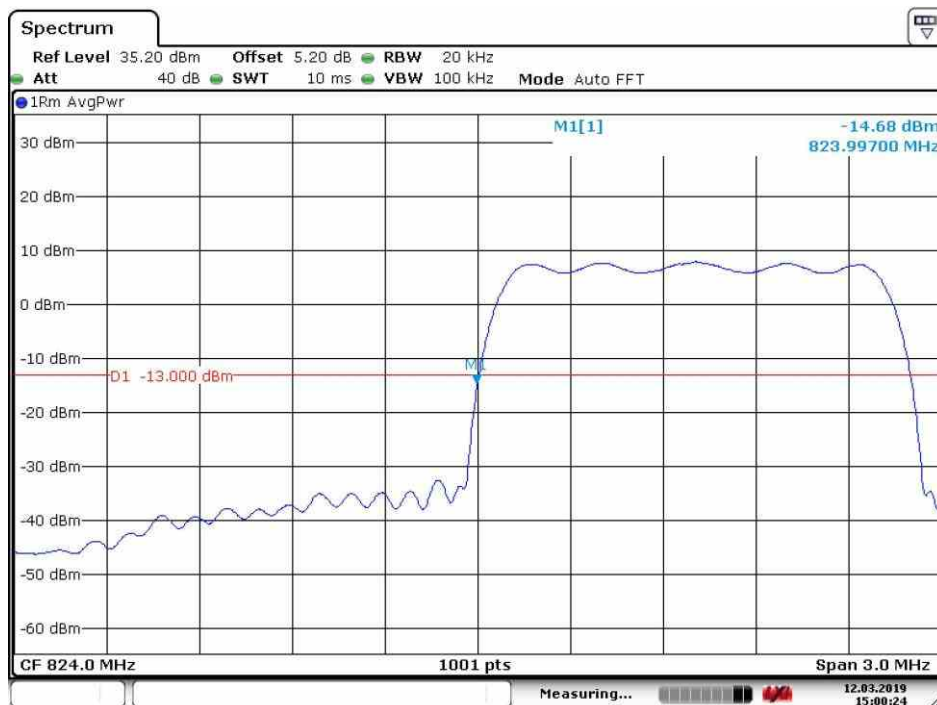
Part I - Test Plots

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



Date: 12.MAR.2019 15:00:24



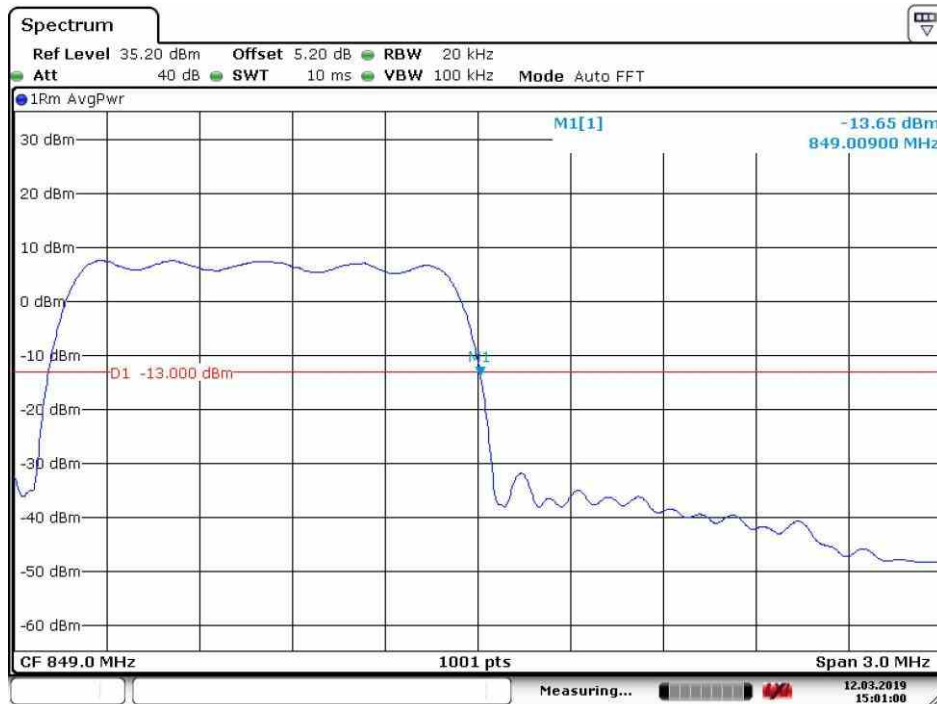
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5.1.1.1.2 Test Channel = HCH



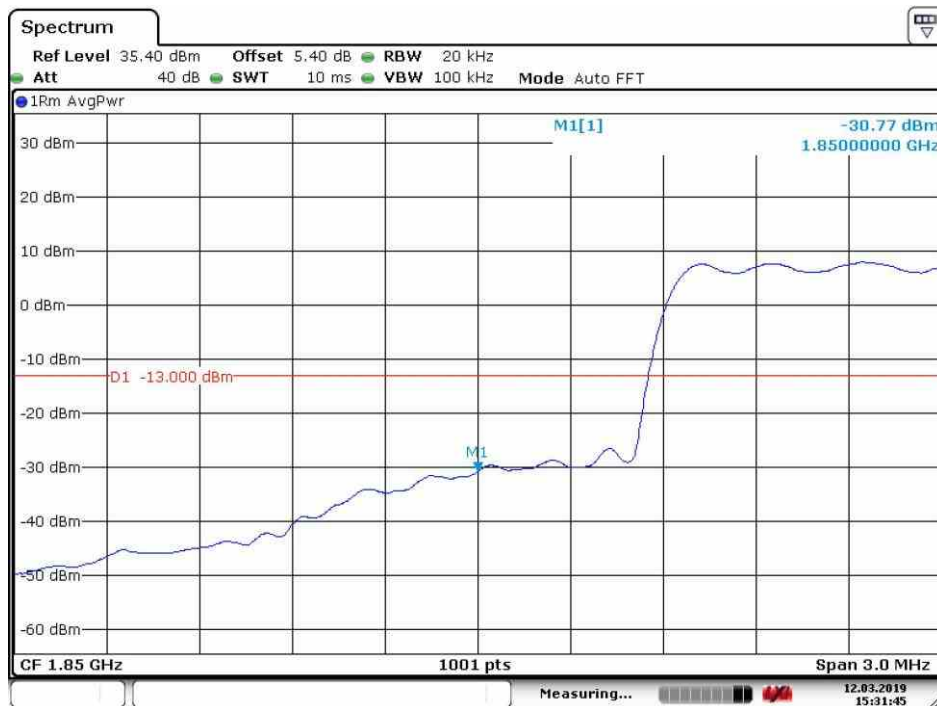
Date: 12.MAR.2019 15:01:01



5.1.2 Test Band = CDMA BC1

5.1.2.1 Test Mode = CDMA /TM1

5.1.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 15:31:45



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5.1.2.1.2 Test Channel = HCH



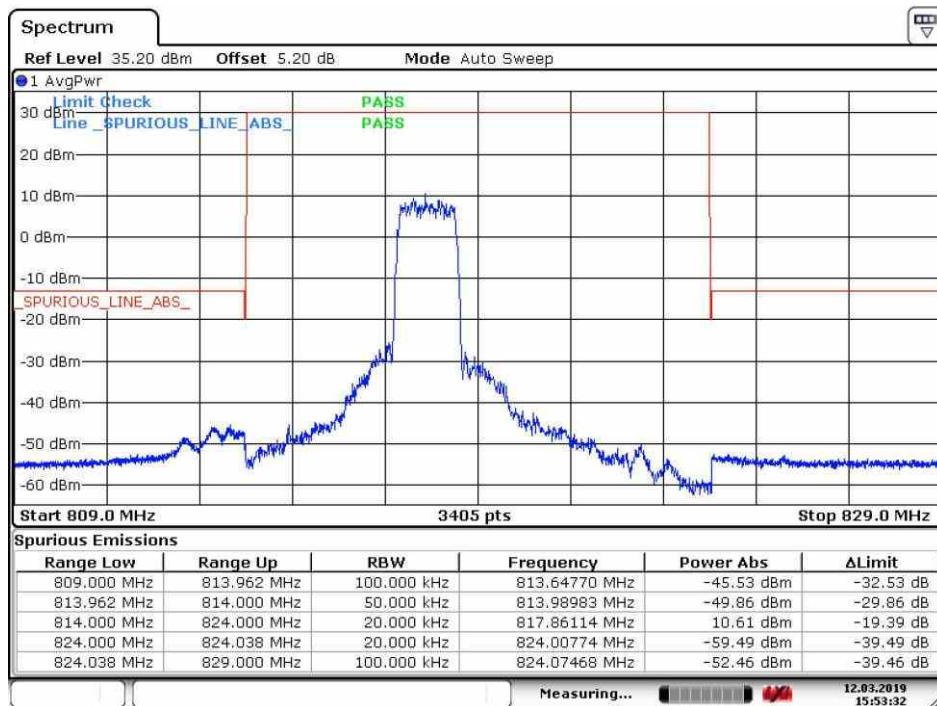
Date: 12.MAR.2019 15:31:06



5.1.3 Test Band = CDMA BC10

5.1.3.1 Test Mode = CDMA /TM1

5.1.3.1.1 Test Channel = LCH



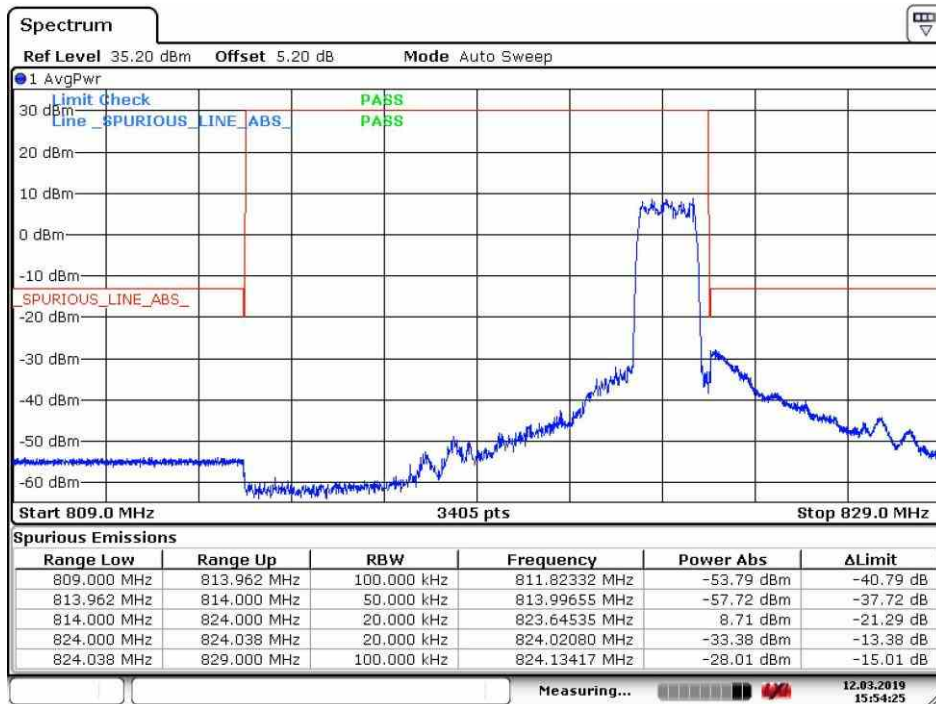
Date: 12.MAR.2019 15:53:32



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5.1.3.1.2 Test Channel = HCH



Date: 12.MAR.2019 15:54:26

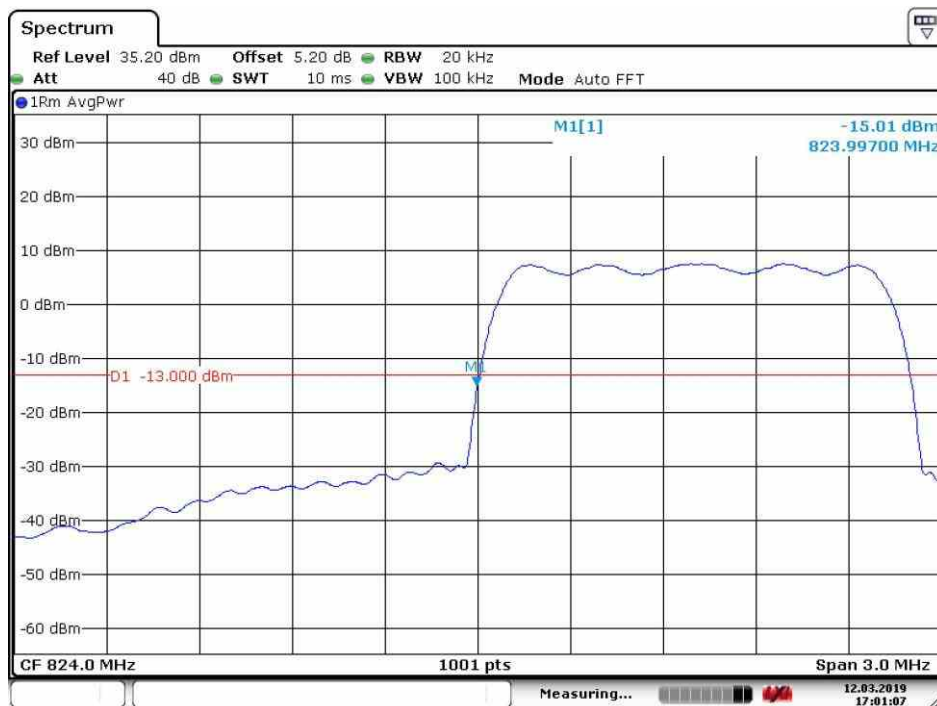


5.2 For EVDO

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



Date: 12.MAR.2019 17:06:40



5.2.2 Test Band = EVDO BC1

5.2.2.1 Test Mode = EVDO /TM1

5.2.2.1.1 Test Channel = LCH



Date: 12.MAR.2019 17:29:52



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5.2.2.1.2 Test Channel = HCH



Date: 12.MAR.2019 17:30:23

