



Appendix B

E-UTRA Band26 (814-824)



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1 Effective (Isotropic) Radiated Power Output Data

Effective Radiated Power of Transmitter (ERP) for LTE BAND 26

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM1	1.4M	LCH	RB1#0	21.5	16.45	38.45	PASS
				RB1#2	21.66	16.61	38.45	PASS
				RB1#5	21.5	16.45	38.45	PASS
				RB3#0	21.47	16.42	38.45	PASS
				RB3#2	21.51	16.46	38.45	PASS
				RB3#3	21.48	16.43	38.45	PASS
				RB6#0	20.59	15.54	38.45	PASS
			MCH	RB1#0	21.86	16.81	38.45	PASS
				RB1#2	21.99	16.94	38.45	PASS
				RB1#5	21.82	16.77	38.45	PASS
				RB3#0	21.95	16.9	38.45	PASS
				RB3#2	21.94	16.89	38.45	PASS
				RB3#3	21.97	16.92	38.45	PASS
				RB6#0	21	15.95	38.45	PASS
			HCH	RB1#0	22.01	16.96	38.45	PASS
				RB1#2	22.01	16.96	38.45	PASS
				RB1#5	21.91	16.86	38.45	PASS
				RB3#0	22.06	17.01	38.45	PASS
				RB3#2	22.06	17.01	38.45	PASS
				RB3#3	22.01	16.96	38.45	PASS
				RB6#0	21.15	16.1	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM2	1.4M	LCH	RB1#0	20.62	15.57	38.45	PASS
				RB1#2	20.68	15.63	38.45	PASS
				RB1#5	20.54	15.49	38.45	PASS
				RB3#0	20.56	15.51	38.45	PASS
				RB3#2	20.6	15.55	38.45	PASS
				RB3#3	20.56	15.51	38.45	PASS
				RB6#0	20.48	15.43	38.45	PASS
			MCH	RB1#0	21.17	16.12	38.45	PASS
				RB1#2	21.31	16.26	38.45	PASS
				RB1#5	21.13	16.08	38.45	PASS
				RB3#0	21	15.95	38.45	PASS
				RB3#2	21.07	16.02	38.45	PASS
				RB3#3	21.08	16.03	38.45	PASS
				RB6#0	20.97	15.92	38.45	PASS
			HCH	RB1#0	21.09	16.04	38.45	PASS
				RB1#2	21.09	16.04	38.45	PASS
				RB1#5	21.03	15.98	38.45	PASS
				RB3#0	21.15	16.1	38.45	PASS
				RB3#2	21.24	16.19	38.45	PASS
				RB3#3	21.08	16.03	38.45	PASS
				RB6#0	21.06	16.01	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM1	3M	LCH	RB1#0	21.61	16.56	38.45	PASS
				RB1#7	21.98	16.93	38.45	PASS
				RB1#14	21.65	16.6	38.45	PASS
				RB8#0	20.84	15.79	38.45	PASS
				RB8#4	20.95	15.9	38.45	PASS
				RB8#7	20.95	15.9	38.45	PASS
				RB15#0	20.86	15.81	38.45	PASS
			MCH	RB1#0	21.56	16.51	38.45	PASS
				RB1#7	21.94	16.89	38.45	PASS
				RB1#14	21.56	16.51	38.45	PASS
				RB8#0	20.84	15.79	38.45	PASS
				RB8#4	20.97	15.92	38.45	PASS
				RB8#7	20.91	15.86	38.45	PASS
				RB15#0	20.87	15.82	38.45	PASS
			HCH	RB1#0	21.87	16.82	38.45	PASS
				RB1#7	22.14	17.09	38.45	PASS
				RB1#14	21.64	16.59	38.45	PASS
				RB8#0	21.16	16.11	38.45	PASS
				RB8#4	21.17	16.12	38.45	PASS
				RB8#7	21.01	15.96	38.45	PASS
				RB15#0	21.09	16.04	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM2	3M	LCH	RB1#0	20.99	15.94	38.45	PASS
				RB1#7	21.46	16.41	38.45	PASS
				RB1#14	20.94	15.89	38.45	PASS
				RB8#0	20.81	15.76	38.45	PASS
				RB8#4	20.94	15.89	38.45	PASS
				RB8#7	20.88	15.83	38.45	PASS
				RB15#0	20.83	15.78	38.45	PASS
			MCH	RB1#0	20.76	15.71	38.45	PASS
				RB1#7	21.42	16.37	38.45	PASS
				RB1#14	20.89	15.84	38.45	PASS
				RB8#0	20.81	15.76	38.45	PASS
				RB8#4	20.94	15.89	38.45	PASS
				RB8#7	20.88	15.83	38.45	PASS
				RB15#0	20.83	15.78	38.45	PASS
			HCH	RB1#0	21.13	16.08	38.45	PASS
				RB1#7	21.53	16.48	38.45	PASS
				RB1#14	21.02	15.97	38.45	PASS
				RB8#0	21.14	16.09	38.45	PASS
				RB8#4	21.15	16.1	38.45	PASS
				RB8#7	20.99	15.94	38.45	PASS
				RB15#0	21.01	15.96	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM1	5M	LCH	RB1#0	21.67	16.62	38.45	PASS
				RB1#13	21.9	16.85	38.45	PASS
				RB1#24	21.98	16.93	38.45	PASS
				RB12#0	20.67	15.62	38.45	PASS
				RB12#6	20.87	15.82	38.45	PASS
				RB12#13	20.77	15.72	38.45	PASS
				RB25#0	20.77	15.72	38.45	PASS
			MCH	RB1#0	21.86	16.81	38.45	PASS
				RB1#13	22.13	17.08	38.45	PASS
				RB1#24	22.25	17.2	38.45	PASS
				RB12#0	20.91	15.86	38.45	PASS
				RB12#6	21.07	16.02	38.45	PASS
				RB12#13	21.02	15.97	38.45	PASS
				RB25#0	21.01	15.96	38.45	PASS
			HCH	RB1#0	22.17	17.12	38.45	PASS
				RB1#13	22.29	17.24	38.45	PASS
				RB1#24	22.06	17.01	38.45	PASS
				RB12#0	21.15	16.1	38.45	PASS
				RB12#6	21.25	16.2	38.45	PASS
				RB12#13	21.11	16.06	38.45	PASS
				RB25#0	21.14	16.09	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM2	5M	LCH	RB1#0	21.12	16.07	38.45	PASS
				RB1#13	21.41	16.36	38.45	PASS
				RB1#24	21.48	16.43	38.45	PASS
				RB12#0	20.7	15.65	38.45	PASS
				RB12#6	20.83	15.78	38.45	PASS
				RB12#13	20.71	15.66	38.45	PASS
				RB25#0	20.74	15.69	38.45	PASS
			MCH	RB1#0	21.17	16.12	38.45	PASS
				RB1#13	21.5	16.45	38.45	PASS
				RB1#24	21.56	16.51	38.45	PASS
				RB12#0	20.89	15.84	38.45	PASS
				RB12#6	21.07	16.02	38.45	PASS
				RB12#13	21	15.95	38.45	PASS
				RB25#0	20.99	15.94	38.45	PASS
			HCH	RB1#0	21.41	16.36	38.45	PASS
				RB1#13	21.59	16.54	38.45	PASS
				RB1#24	21.38	16.33	38.45	PASS
				RB12#0	21.16	16.11	38.45	PASS
				RB12#6	21.28	16.23	38.45	PASS
				RB12#13	21.13	16.08	38.45	PASS
				RB25#0	21.09	16.04	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM1	10M	LCH MCH HCH	RB1#0	21.5	16.45	38.45	PASS
				RB1#25	22.2	17.15	38.45	PASS
				RB1#49	21.98	16.93	38.45	PASS
				RB25#0	20.89	15.84	38.45	PASS
				RB25#13	21.08	16.03	38.45	PASS
				RB25#25	21.06	16.01	38.45	PASS
				RB50#0	20.95	15.9	38.45	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
BAND26	LTE/TM2	10M	LCH MCH HCH	RB1#0	20.92	15.87	38.45	PASS
				RB1#25	21.54	16.49	38.45	PASS
				RB1#49	21.18	16.13	38.45	PASS
				RB25#0	20.89	15.84	38.45	PASS
				RB25#13	21.12	16.07	38.45	PASS
				RB25#25	21.08	16.03	38.45	PASS
				RB50#0	20.93	15.88	38.45	PASS

Note:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

b: SGP=Signal Generator Level



2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
Band 26	TM1/10M	LCH/MCH/HCH	5.42	13	PASS
	TM2/10M	LCH/MCH/HCH	5.97	13	PASS

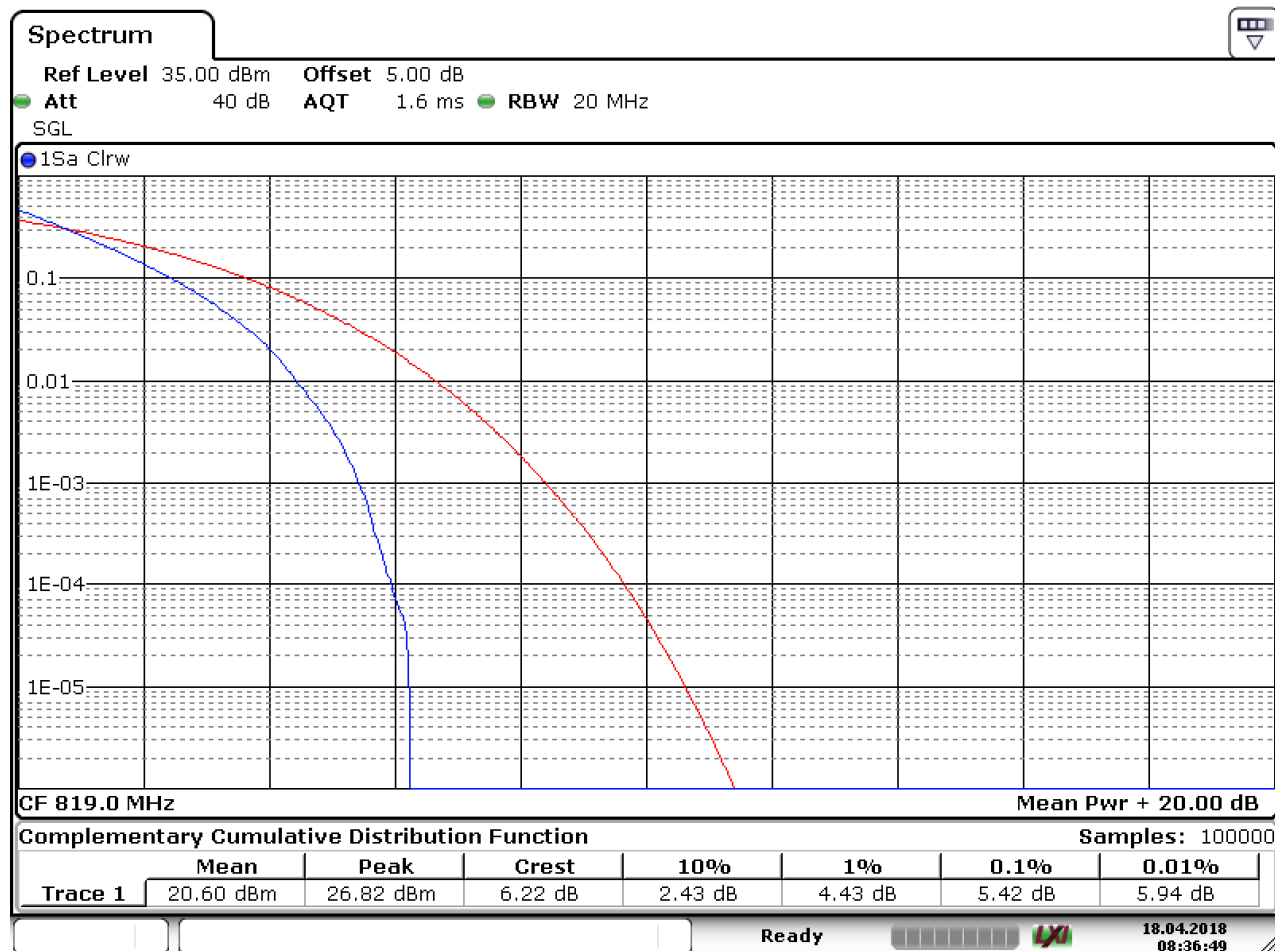
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band26

2.1.1.1 Test Mode = LTE/TM1.Bandwidth=10MHz

2.1.1.1.1 Test Channel = LCH/MCH/HCH

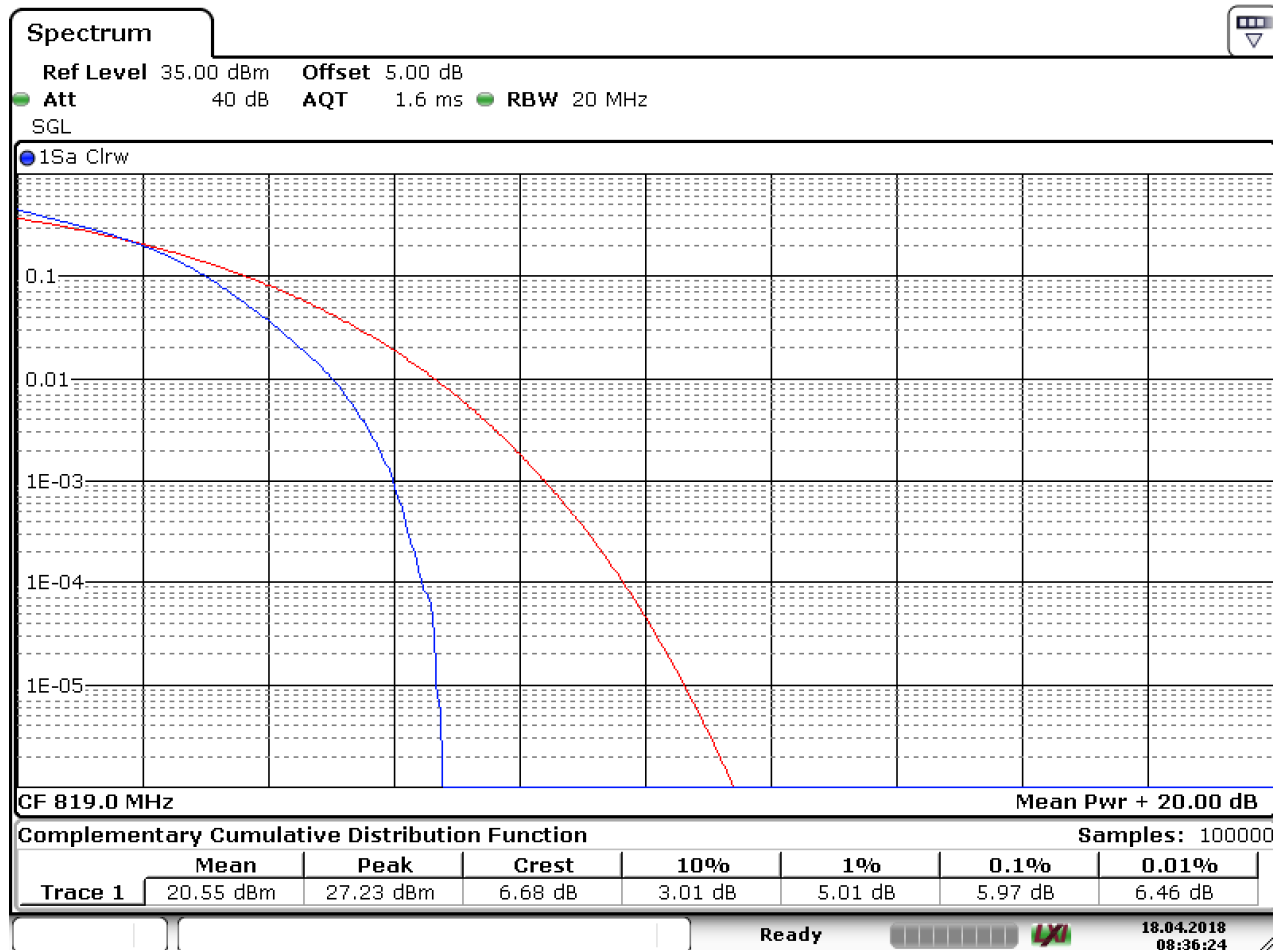


Date: 18.APR.2018 08:36:49



2.1.1.2 Test Mode = LTE/TM2.Bandwidth=10MHz

2.1.1.2.1 Test Channel = LCH/MCH/HCH



Date: 18.APR.2018 08:36:25

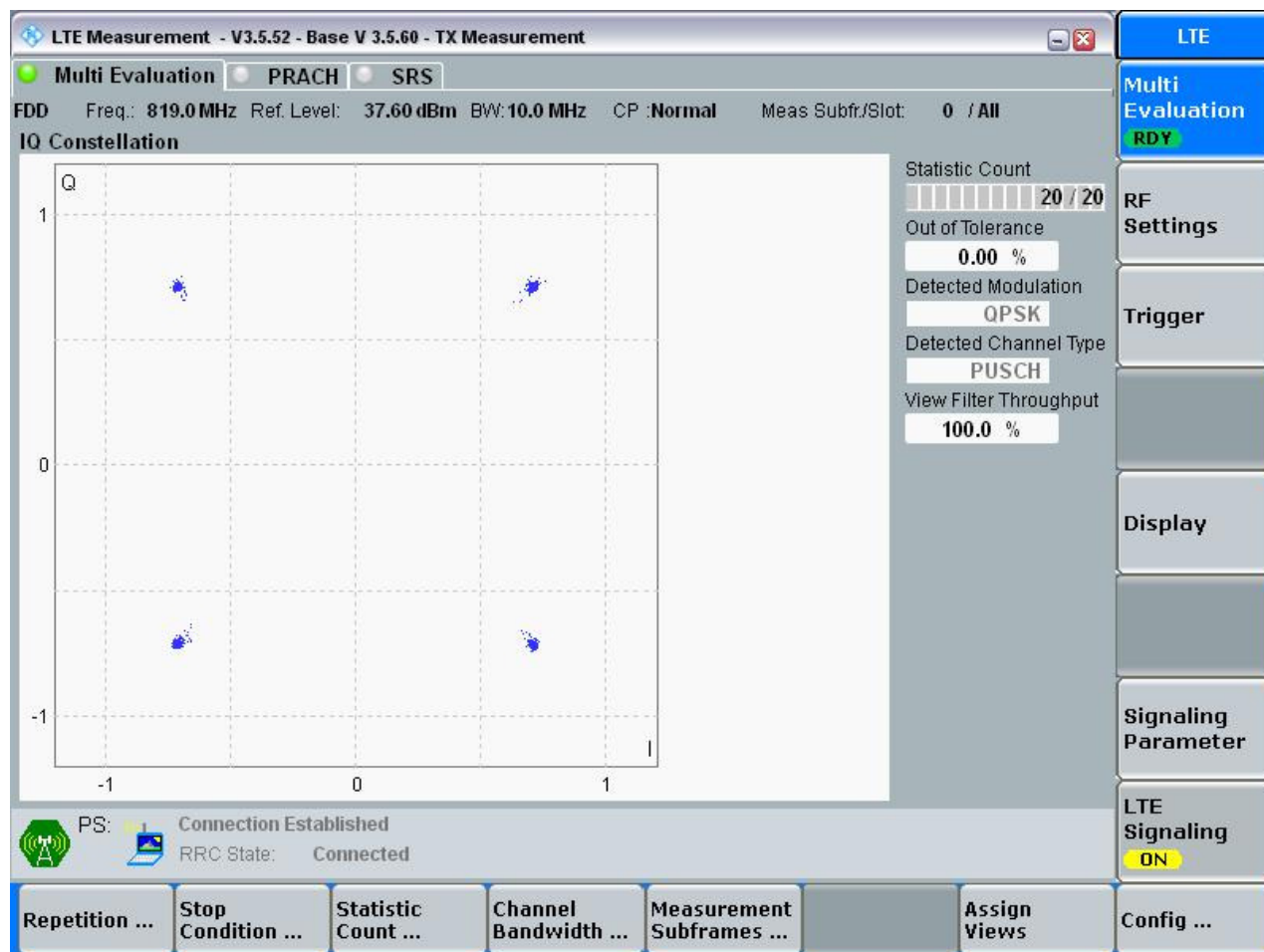
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE band26

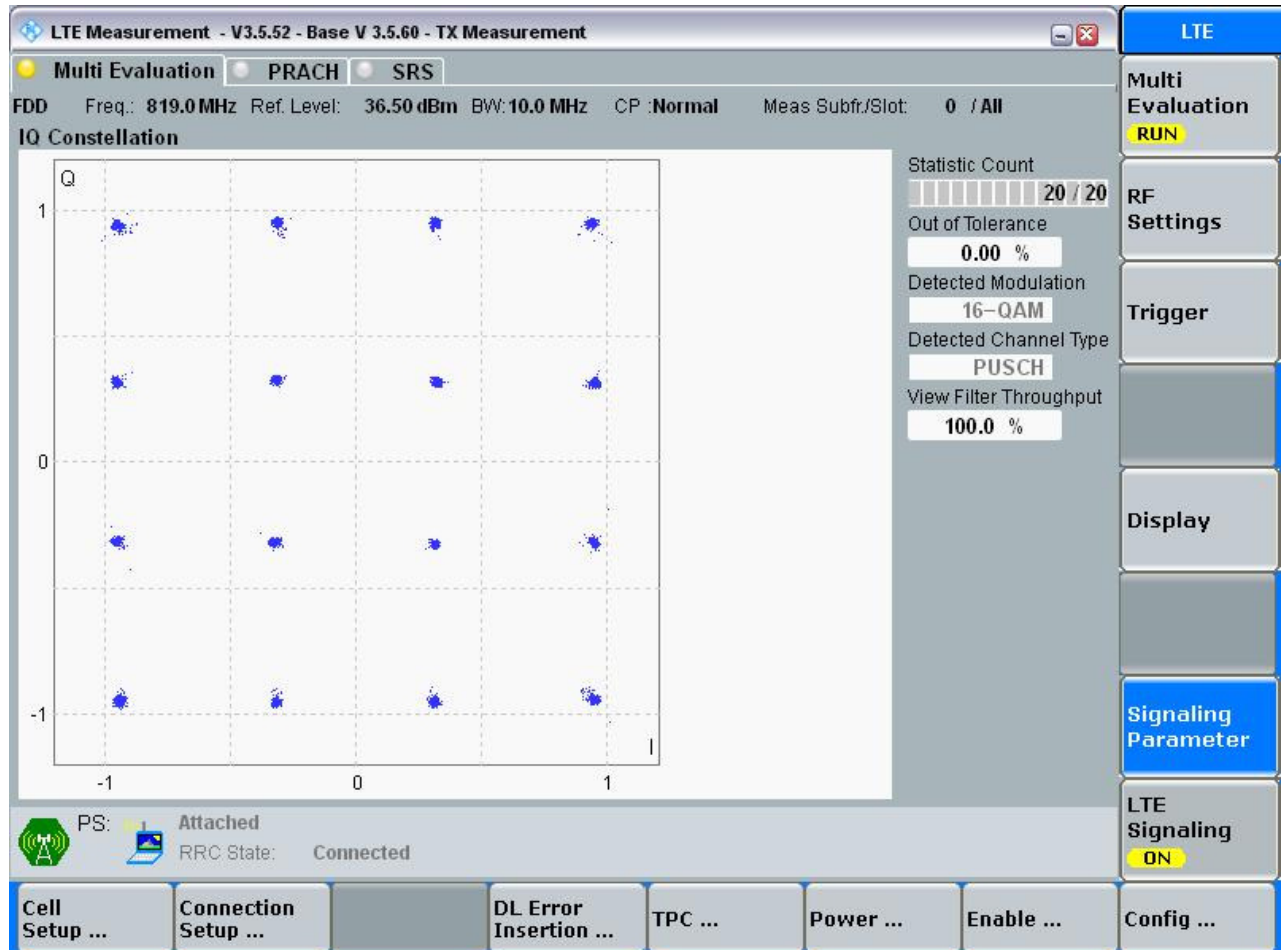
3.1.1.1 Test Mode = LTE /TM1 10MHz

3.1.1.1.1 Test Channel = MCH



3.1.1.2 Test Mode = LTE /TM2 10MHz

3.1.1.2.1 Test Channel = MCH





4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
Band 26	TM1/1.4MHz	LCH	1.10	1.24	PASS
		MCH	1.10	1.24	PASS
		HCH	1.10	1.24	PASS
	TM2/1.4MHz	LCH	1.10	1.25	PASS
		MCH	1.10	1.24	PASS
		HCH	1.11	1.25	PASS
	TM1/3MHz	LCH	2.69	2.93	PASS
		MCH	2.69	2.94	PASS
		HCH	2.69	2.92	PASS
	TM2/3MHz	LCH	2.69	2.94	PASS
		MCH	2.69	2.93	PASS
		HCH	2.69	2.91	PASS
	TM1/5MHz	LCH	4.48	4.89	PASS
		MCH	4.48	4.88	PASS
		HCH	4.47	4.90	PASS
	TM2/5MHz	LCH	4.47	4.91	PASS
		MCH	4.48	4.89	PASS
		HCH	4.47	4.87	PASS
	TM1/10MHz	LCH/MCH/HCH	8.93	9.75	PASS
	TM2/10MHz	LCH/MCH/HCH	8.93	9.71	PASS

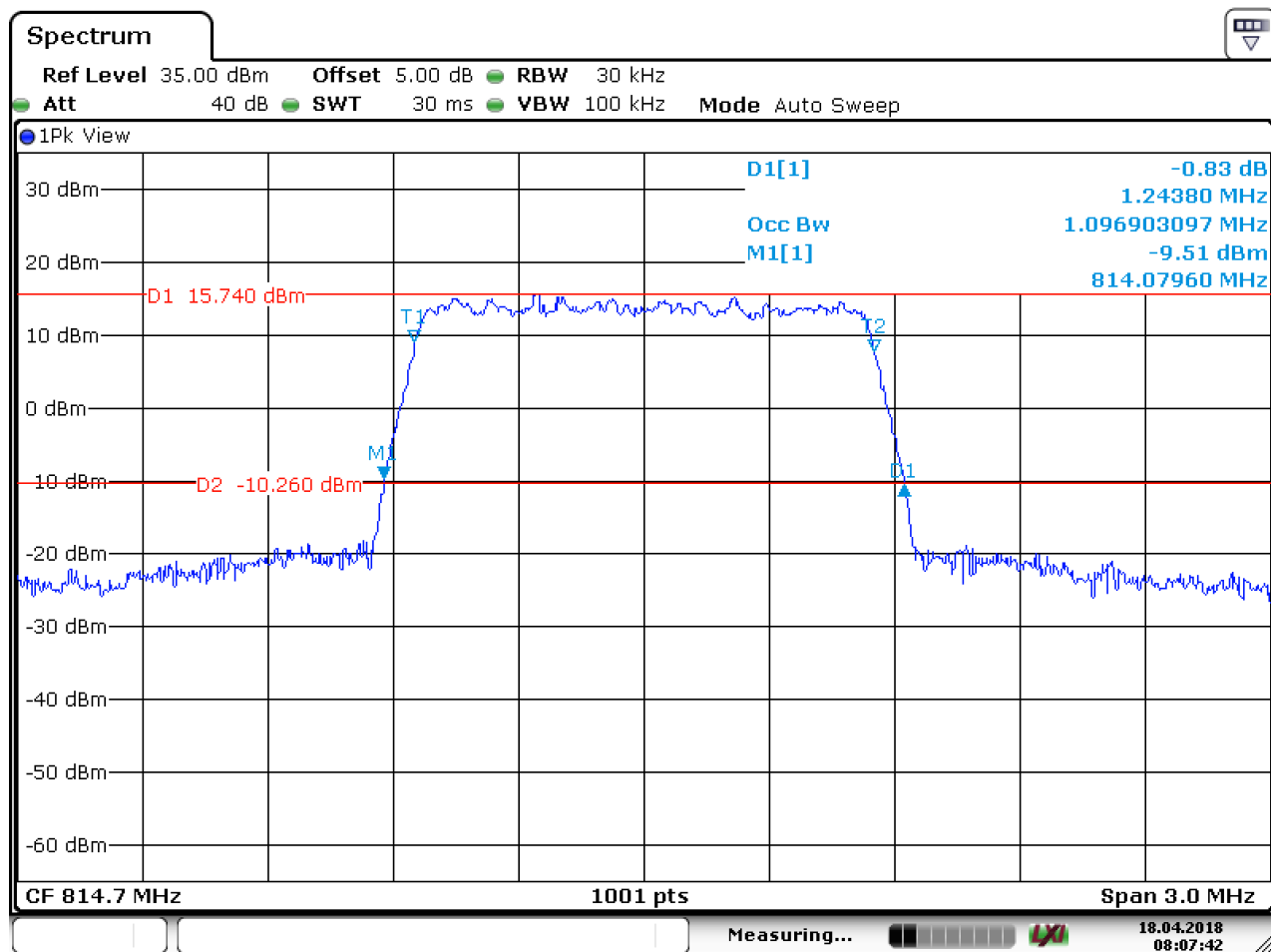
Part II – Test Plots

4.1 For LTE

4.1.1 Test Band = LTE band26

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

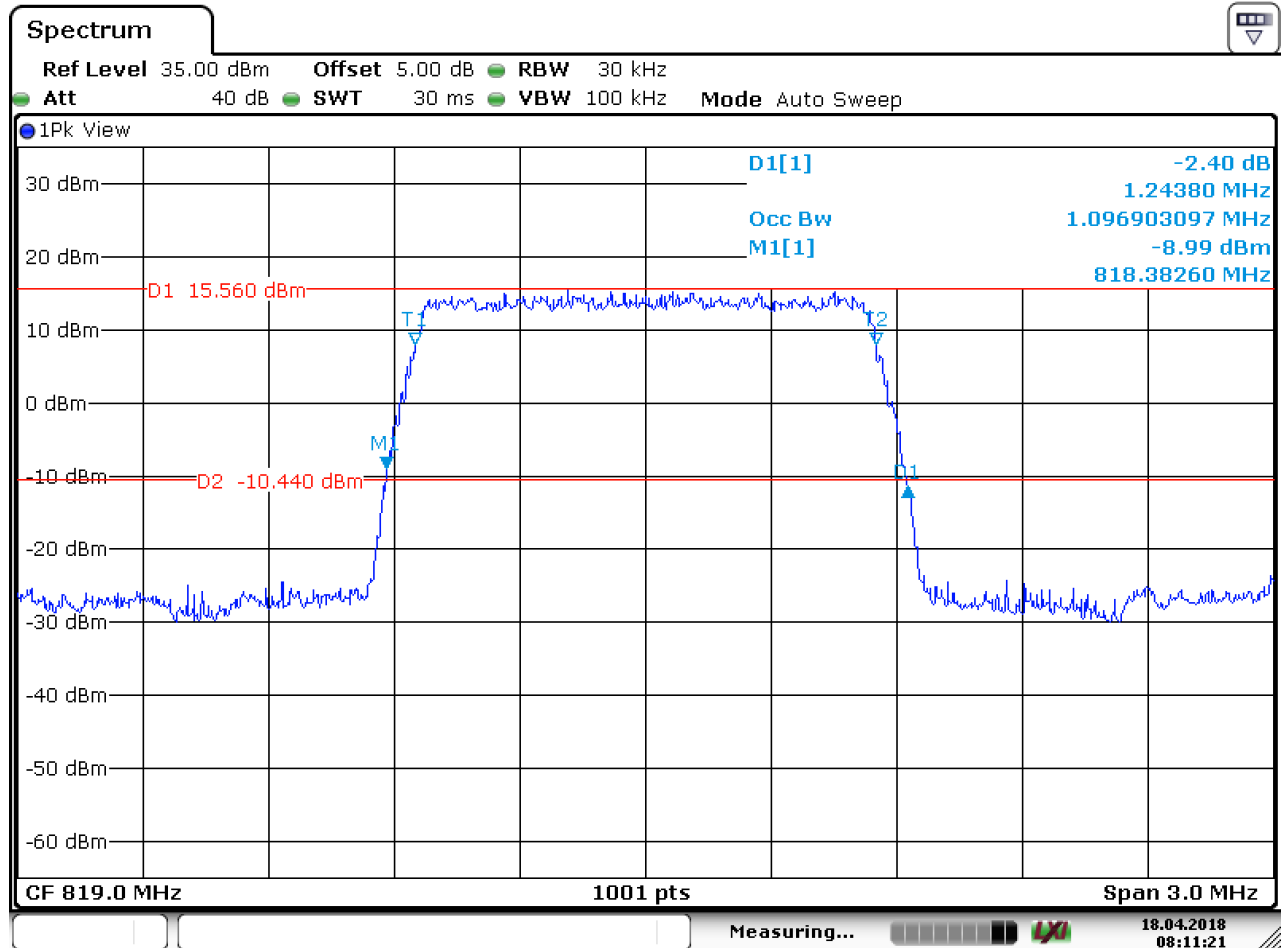
4.1.1.1.1 Test Channel = LCH



Date: 18.APR.2018 08:07:43



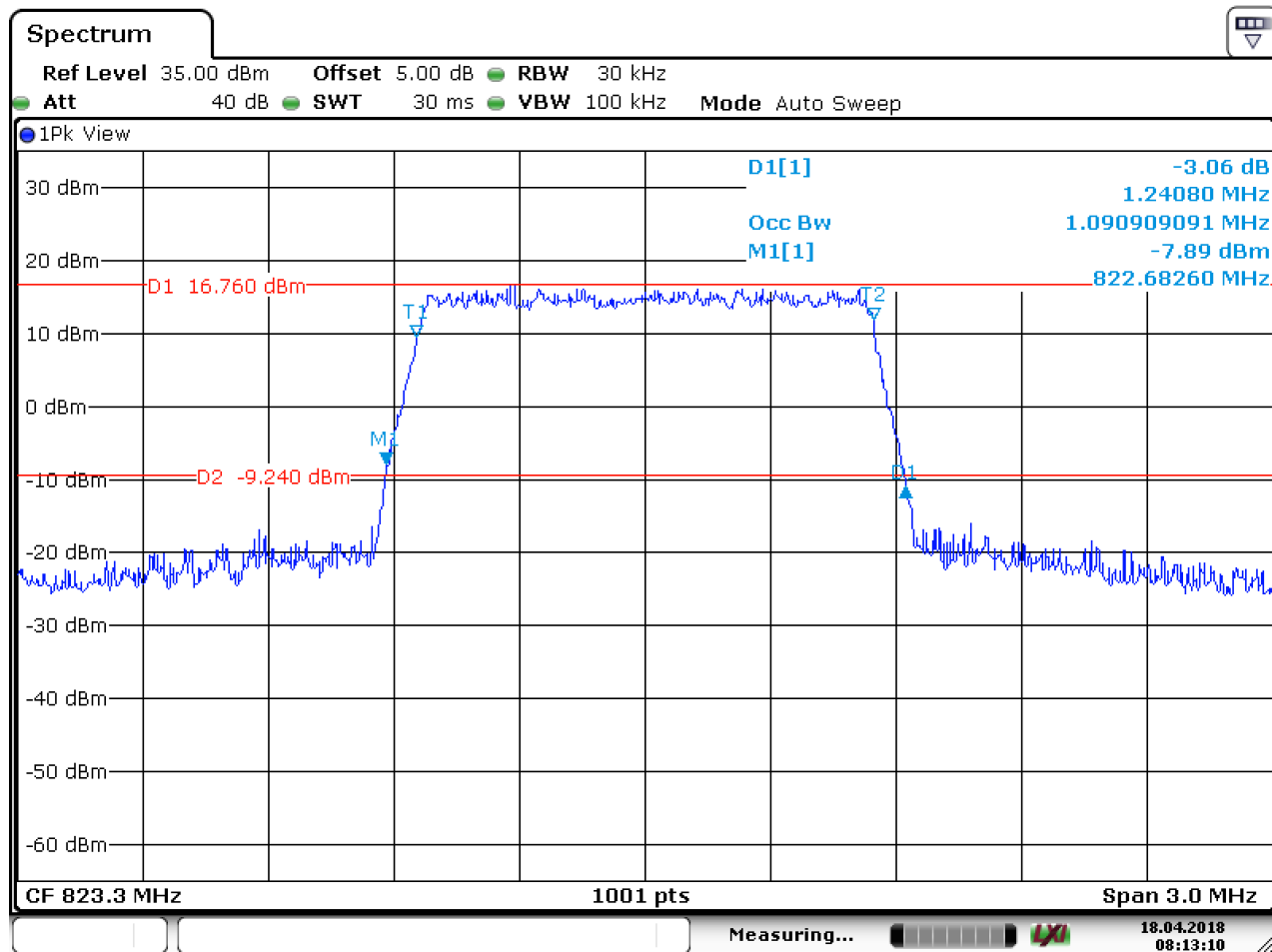
4.1.1.1.2 Test Channel = MCH



Date: 18.APR.2018 08:11:21



4.1.1.1.3 Test Channel = HCH

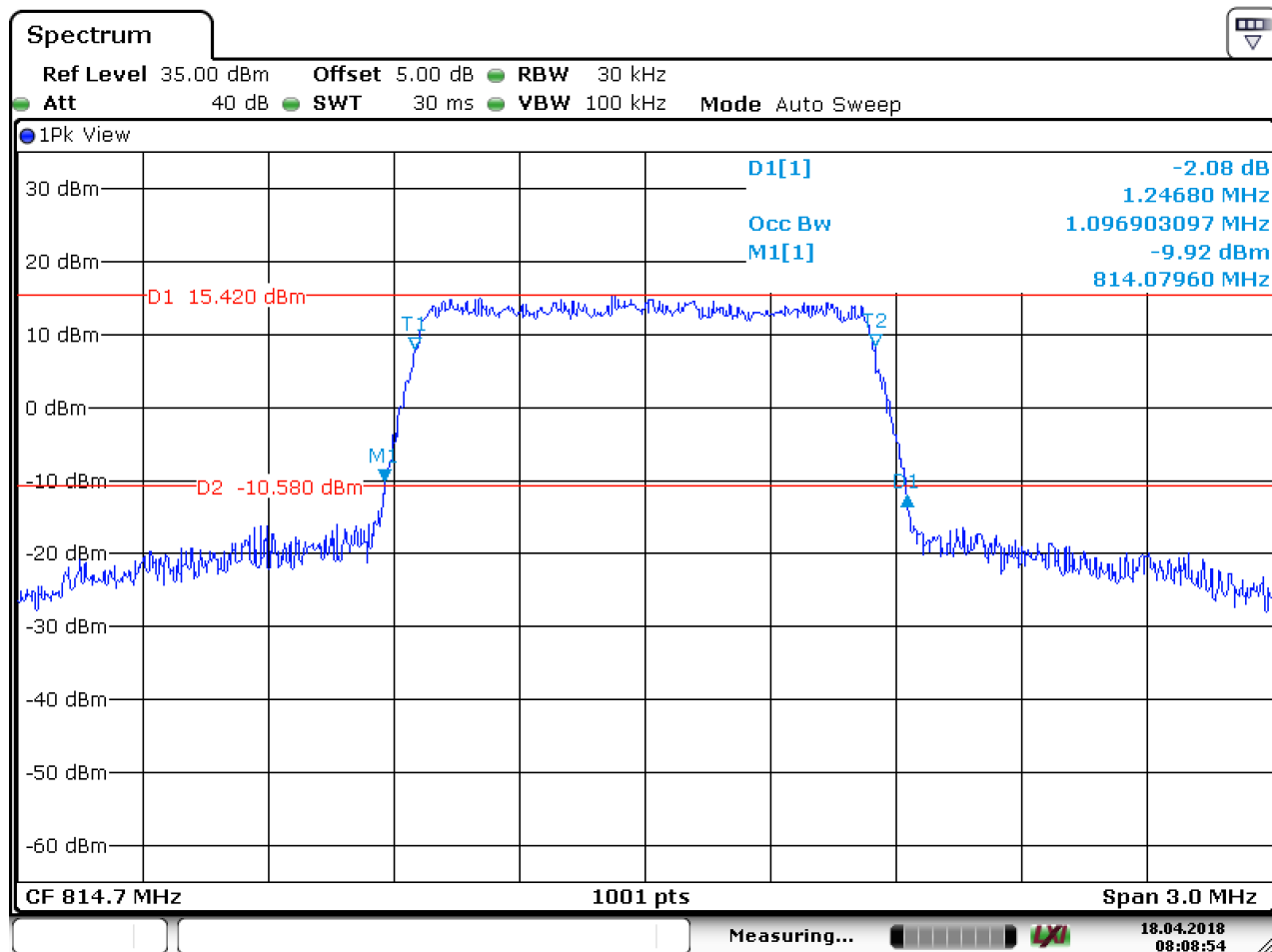


Date: 18.APR.2018 08:13:10



4.1.1.2 Test Mode = LTE/TM2 1.4MHz

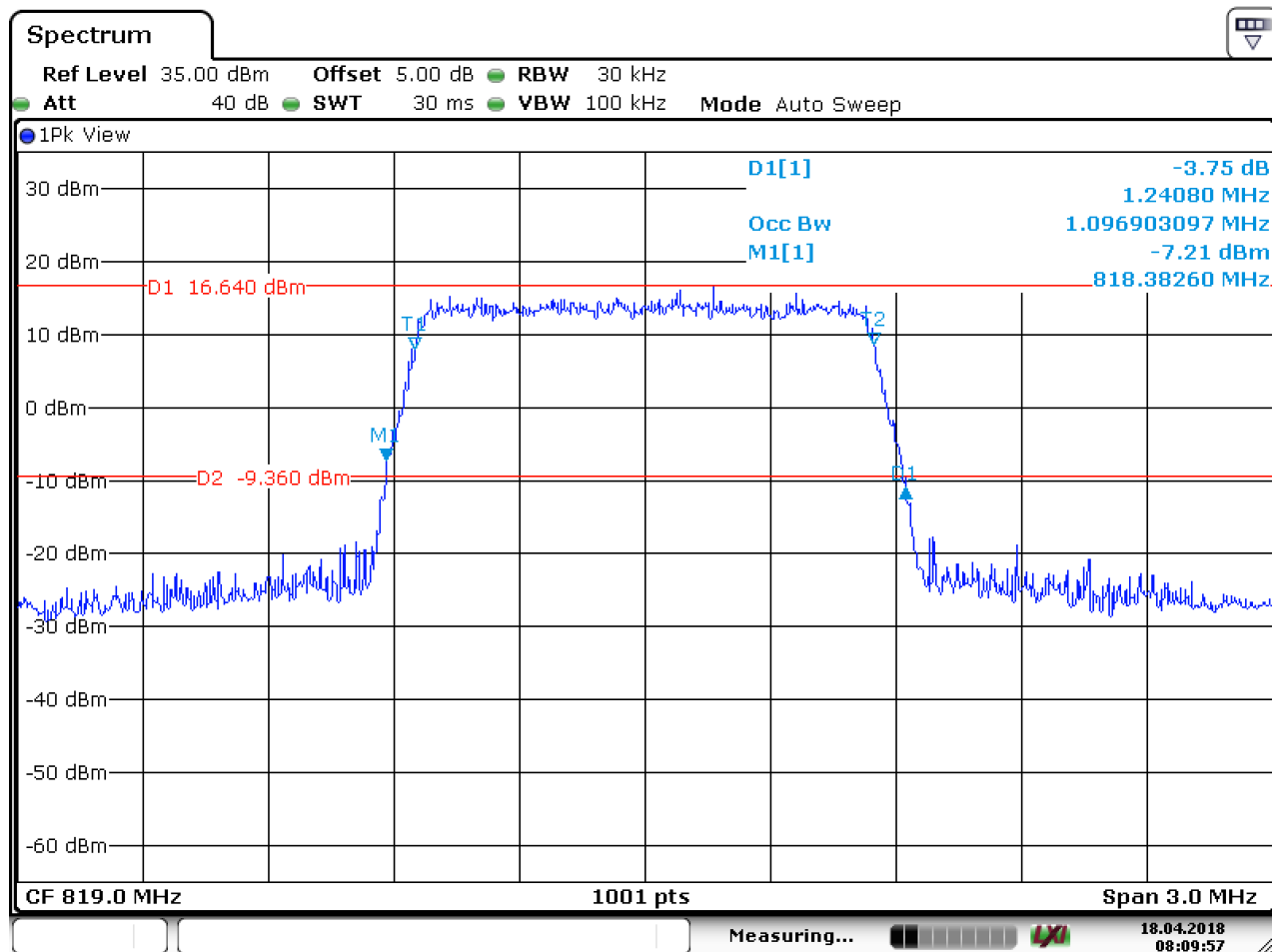
4.1.1.2.1 Test Channel = LCH



Date: 18.APR.2018 08:08:54



4.1.1.2.2 Test Channel = MCH



Date: 18.APR.2018 08:09:58



4.1.1.2.3 Test Channel = HCH

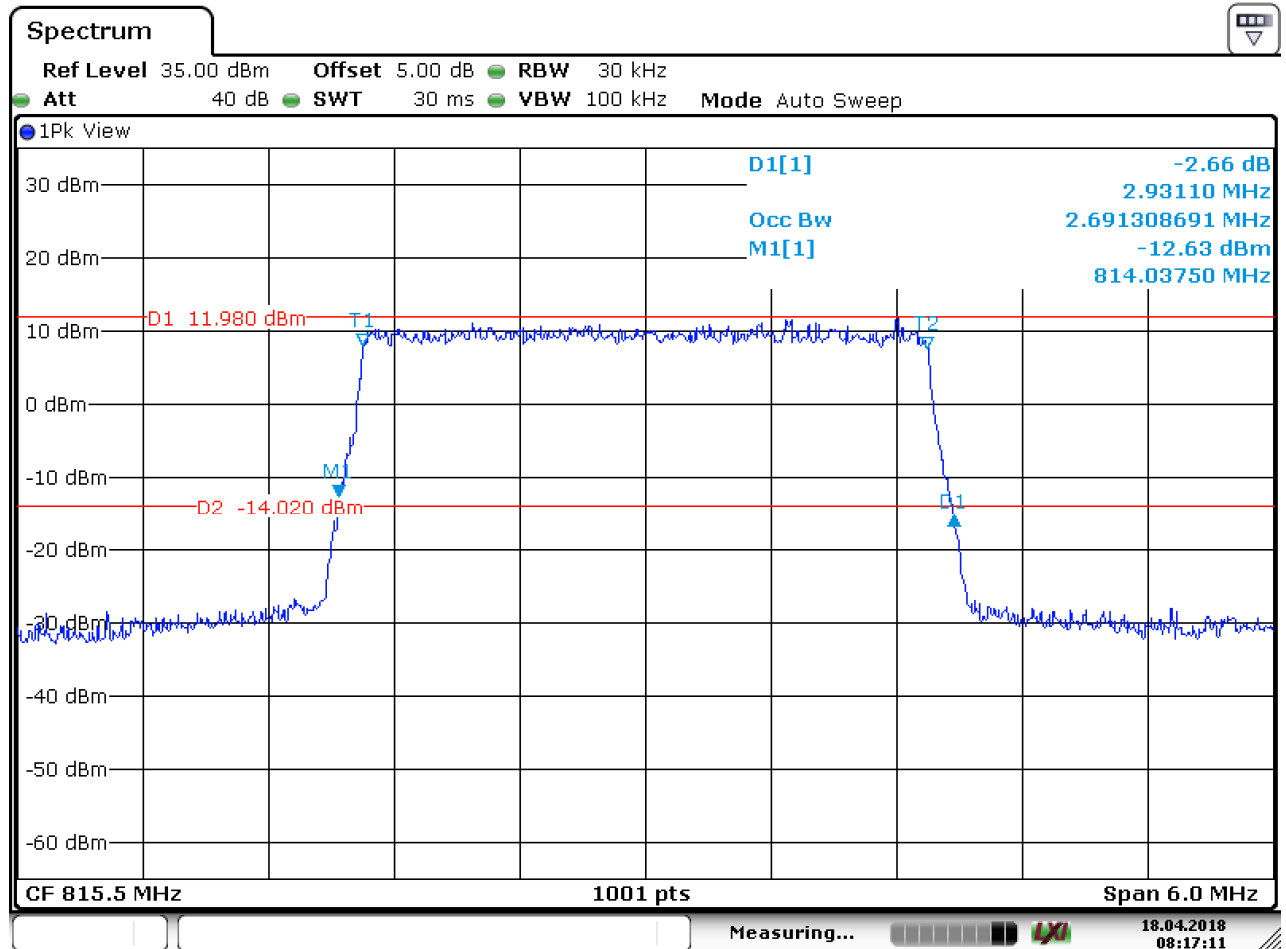


Date: 18.APR.2018 08:14:27



4.1.1.3 Test Mode = LTE/TM1 3MHz

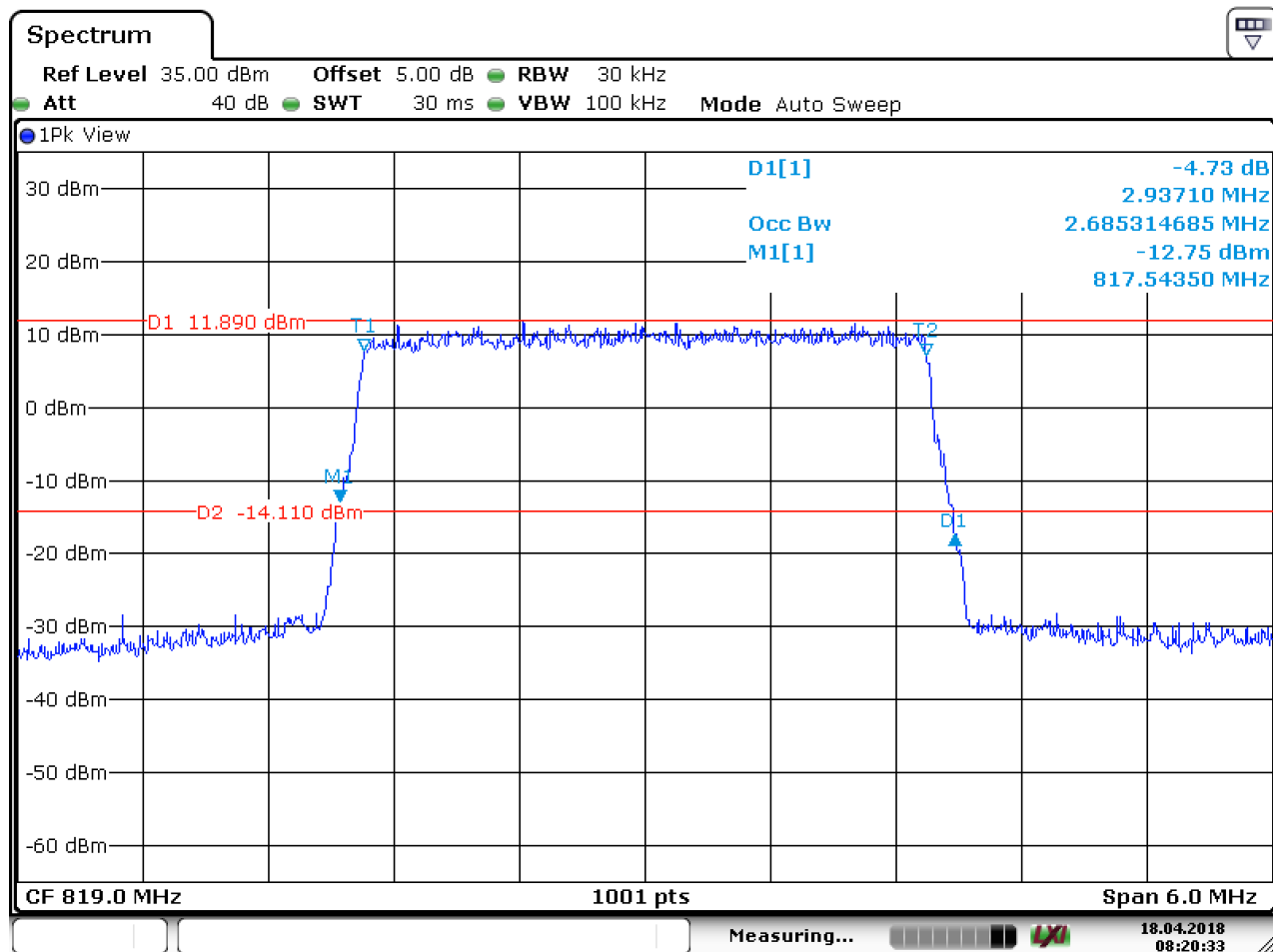
4.1.1.3.1 Test Channel = LCH



Date: 18.APR.2018 08:17:12

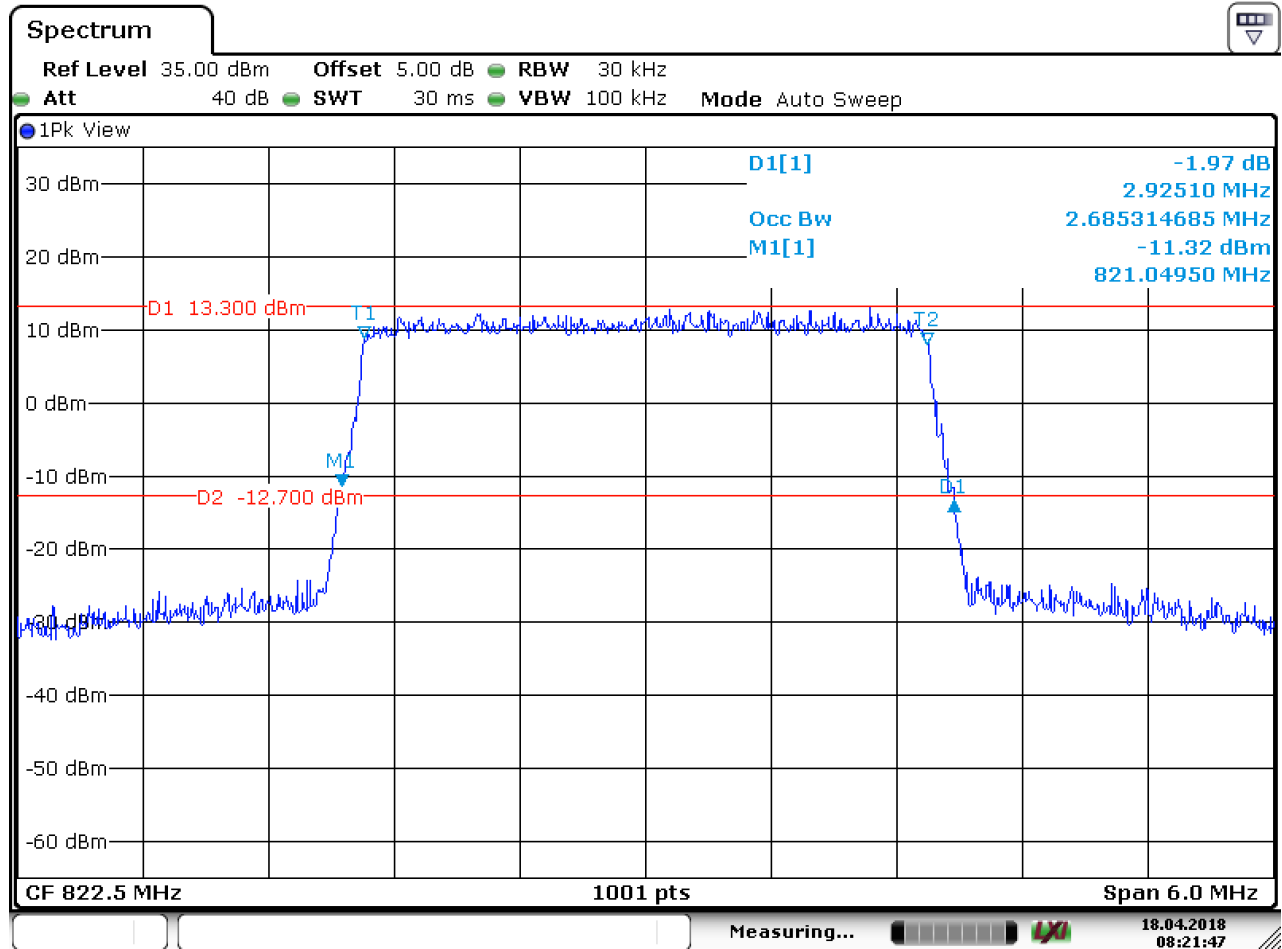


4.1.1.3.2 Test Channel = MCH



Date: 18.APR.2018 08:20:34

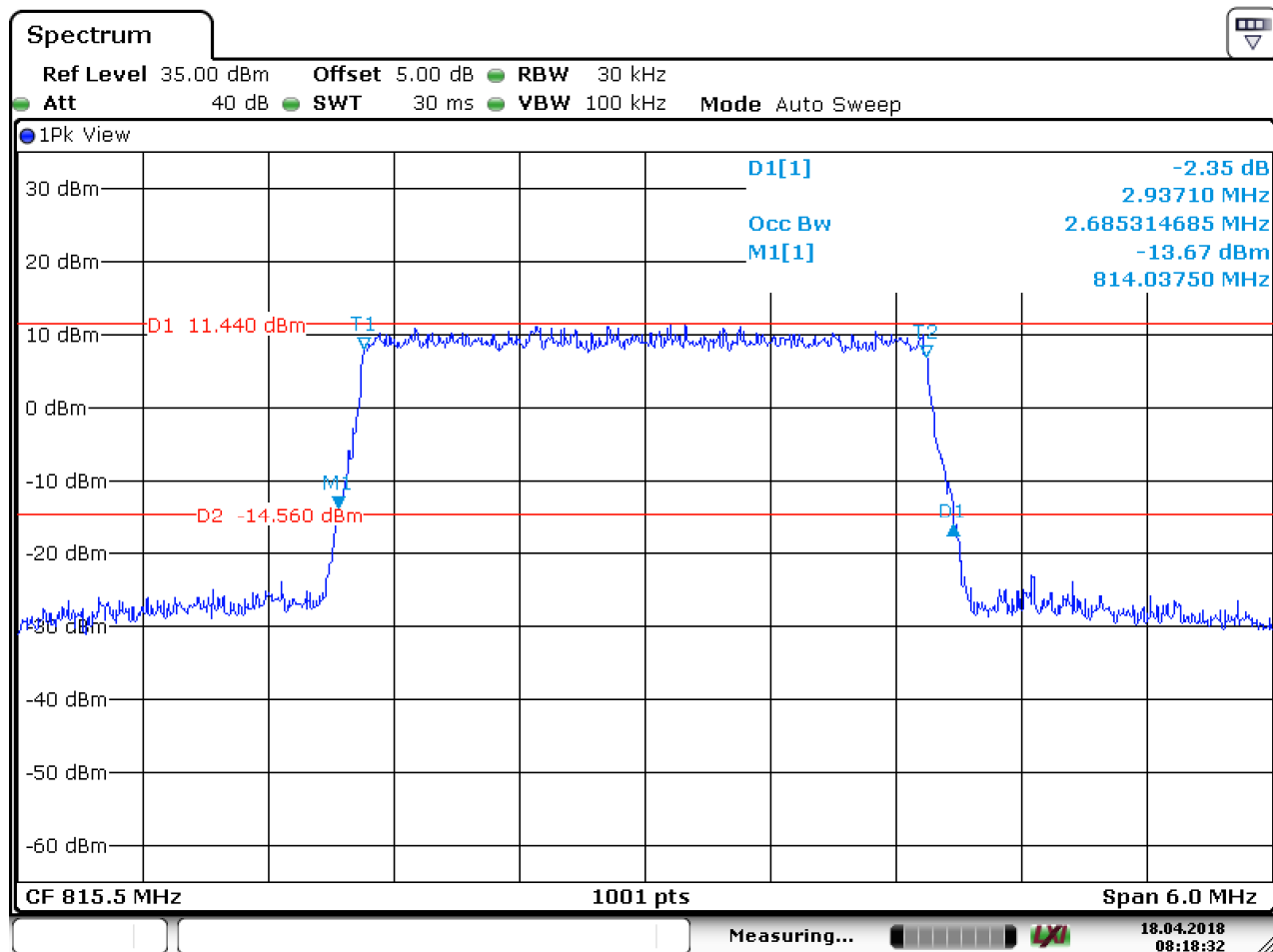
4.1.1.3.3 Test Channel = HCH



Date: 18.APR.2018 08:21:47



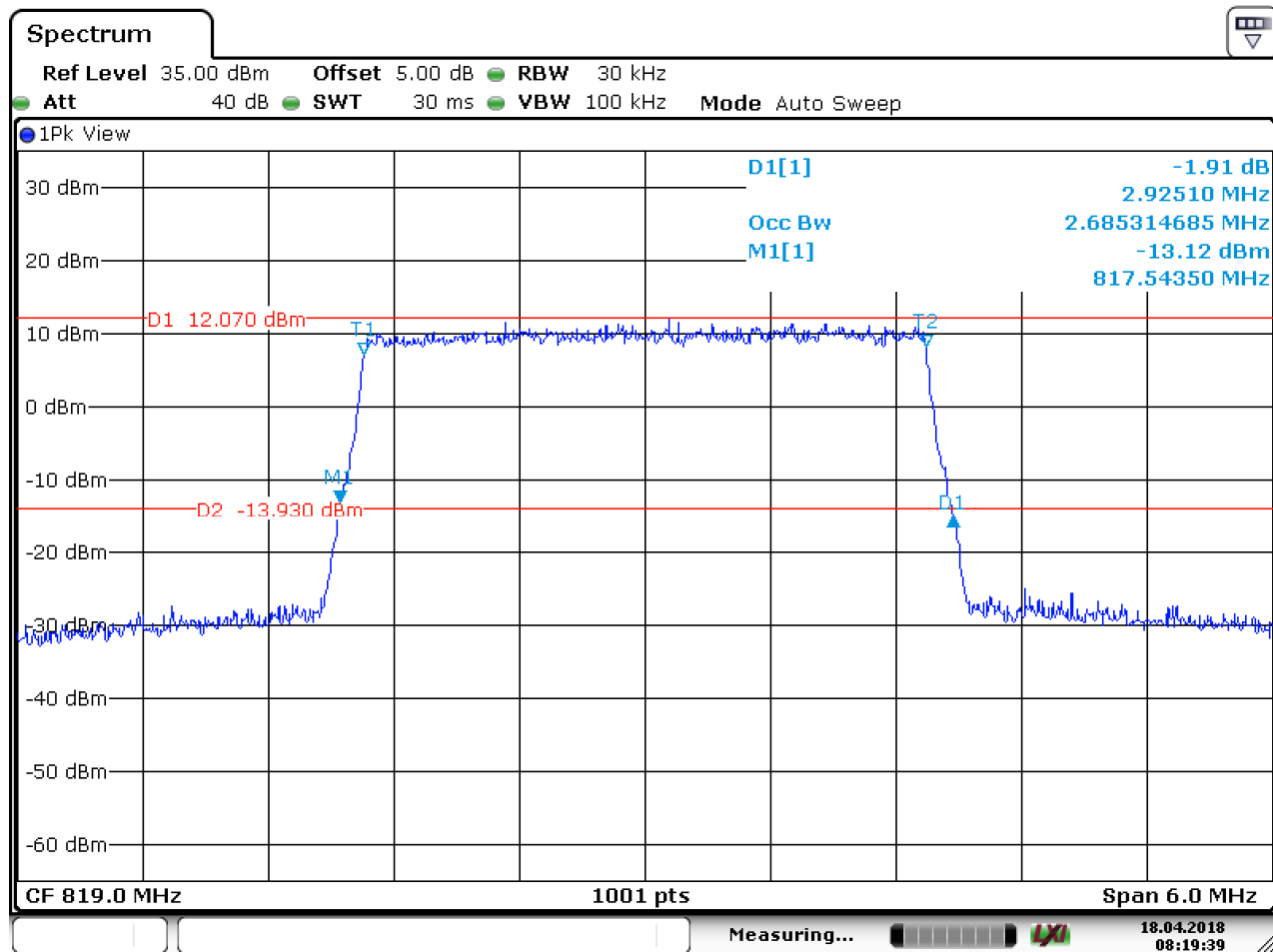
4.1.1.4 Test Mode = LTE/TM2 3MHz
4.1.1.4.1 Test Channel = LCH



Date: 18.APR.2018 08:18:33



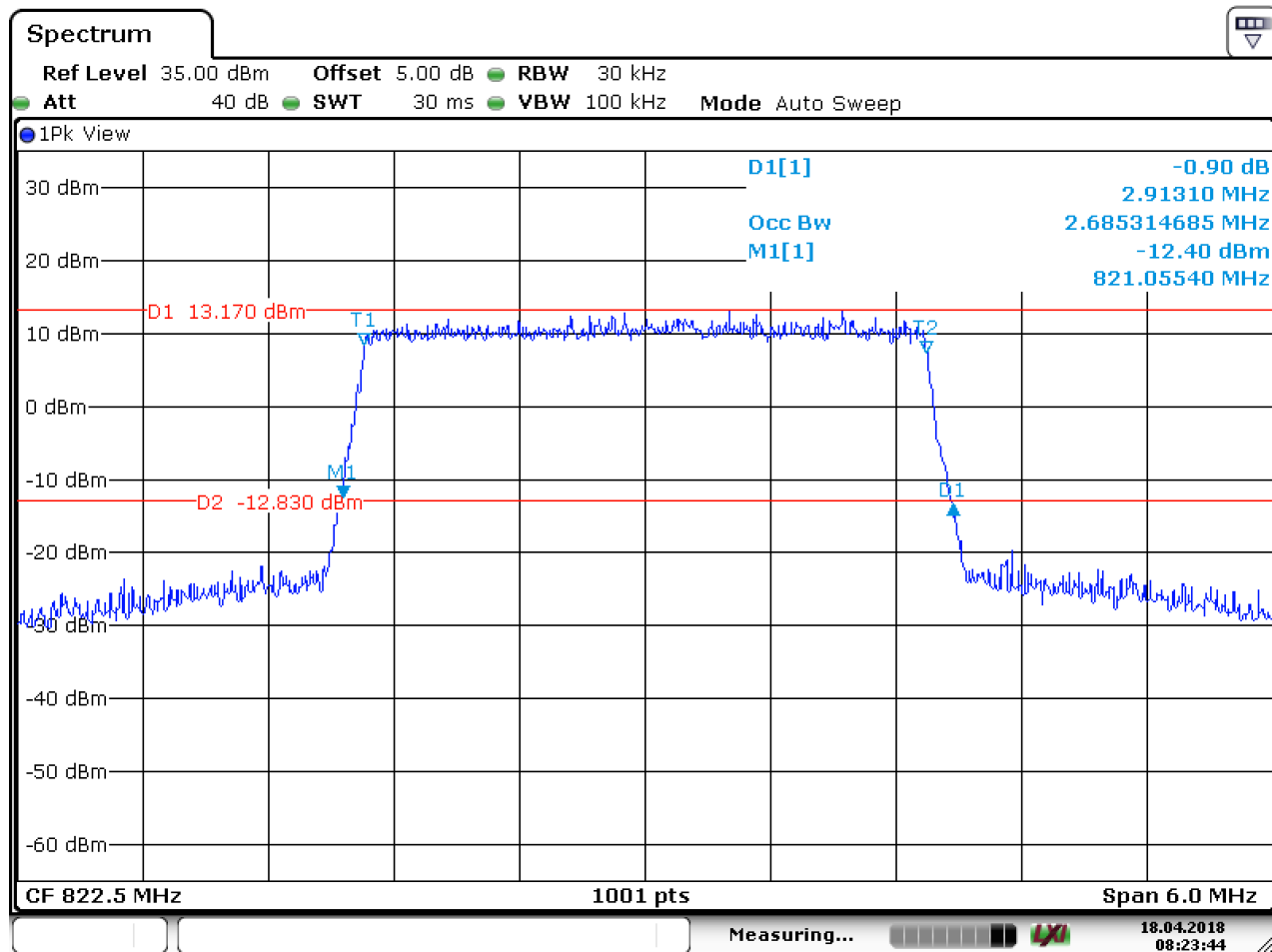
4.1.1.4.2 Test Channel = MCH



Date: 18.APR.2018 08:19:40



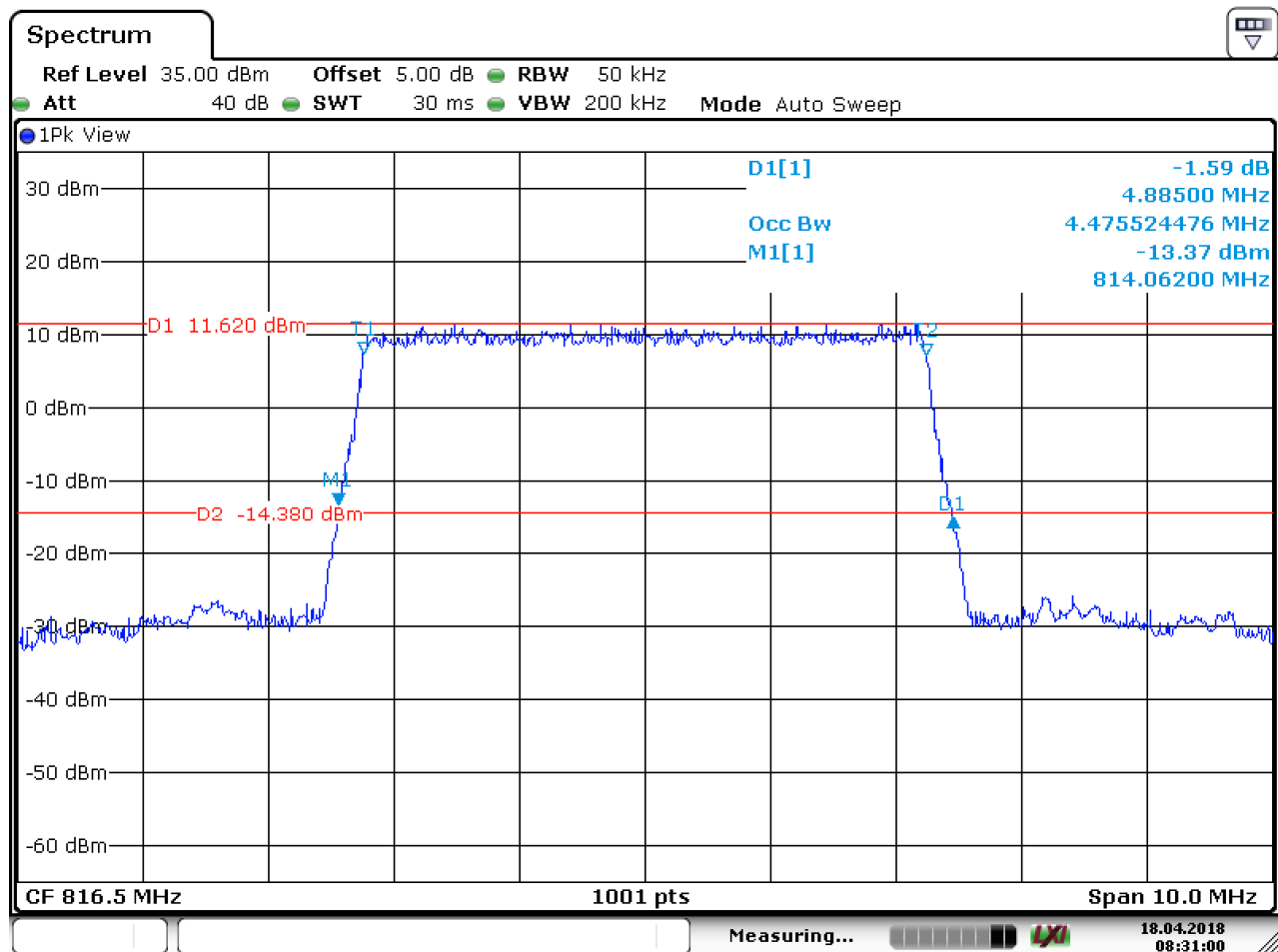
4.1.1.4.3 Test Channel = HCH



Date: 18.APR.2018 08:23:44



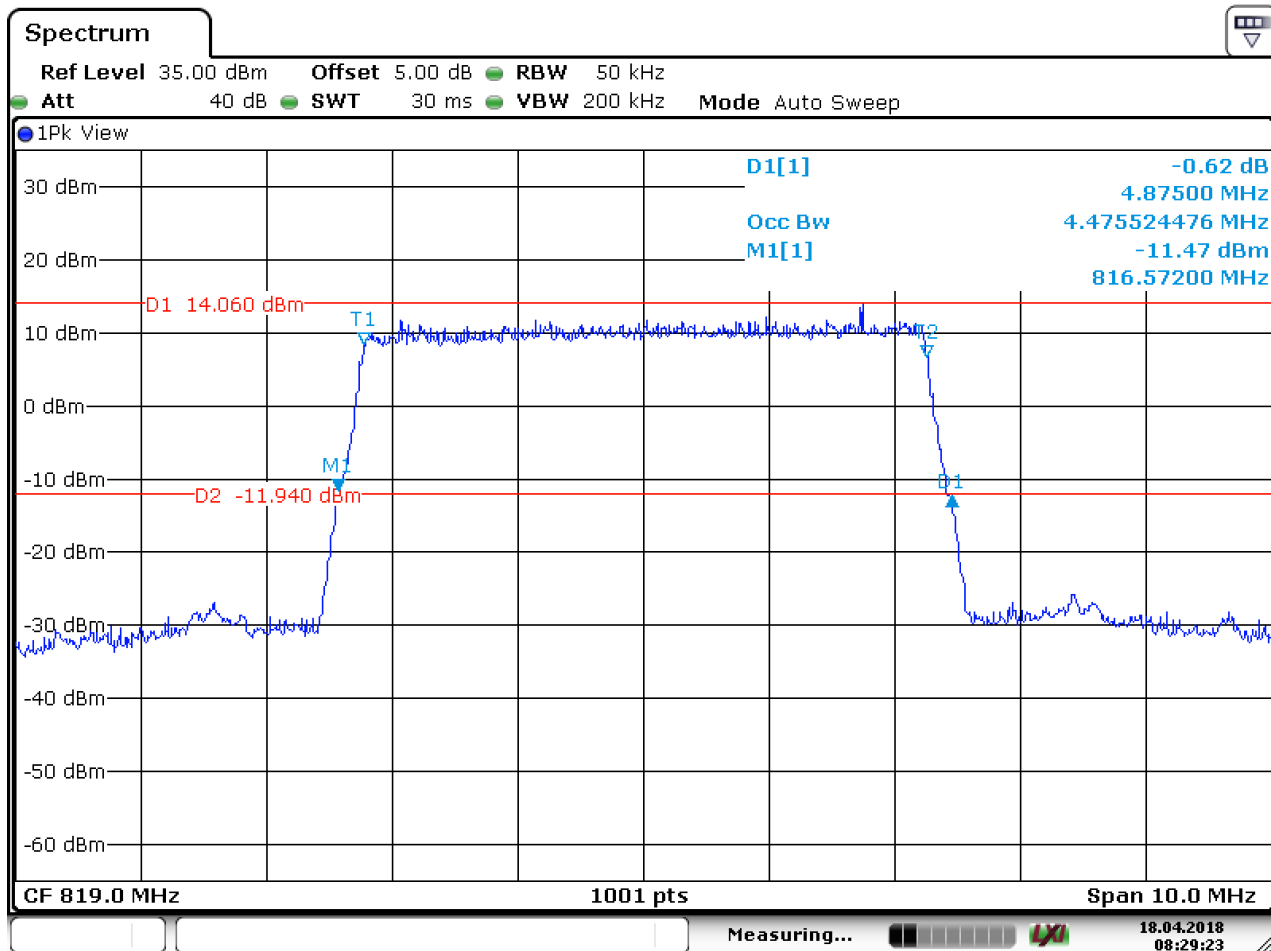
4.1.1.5 Test Mode = LTE/TM1 5MHz
4.1.1.5.1 Test Channel = LCH



Date: 18.APR.2018 08:31:01



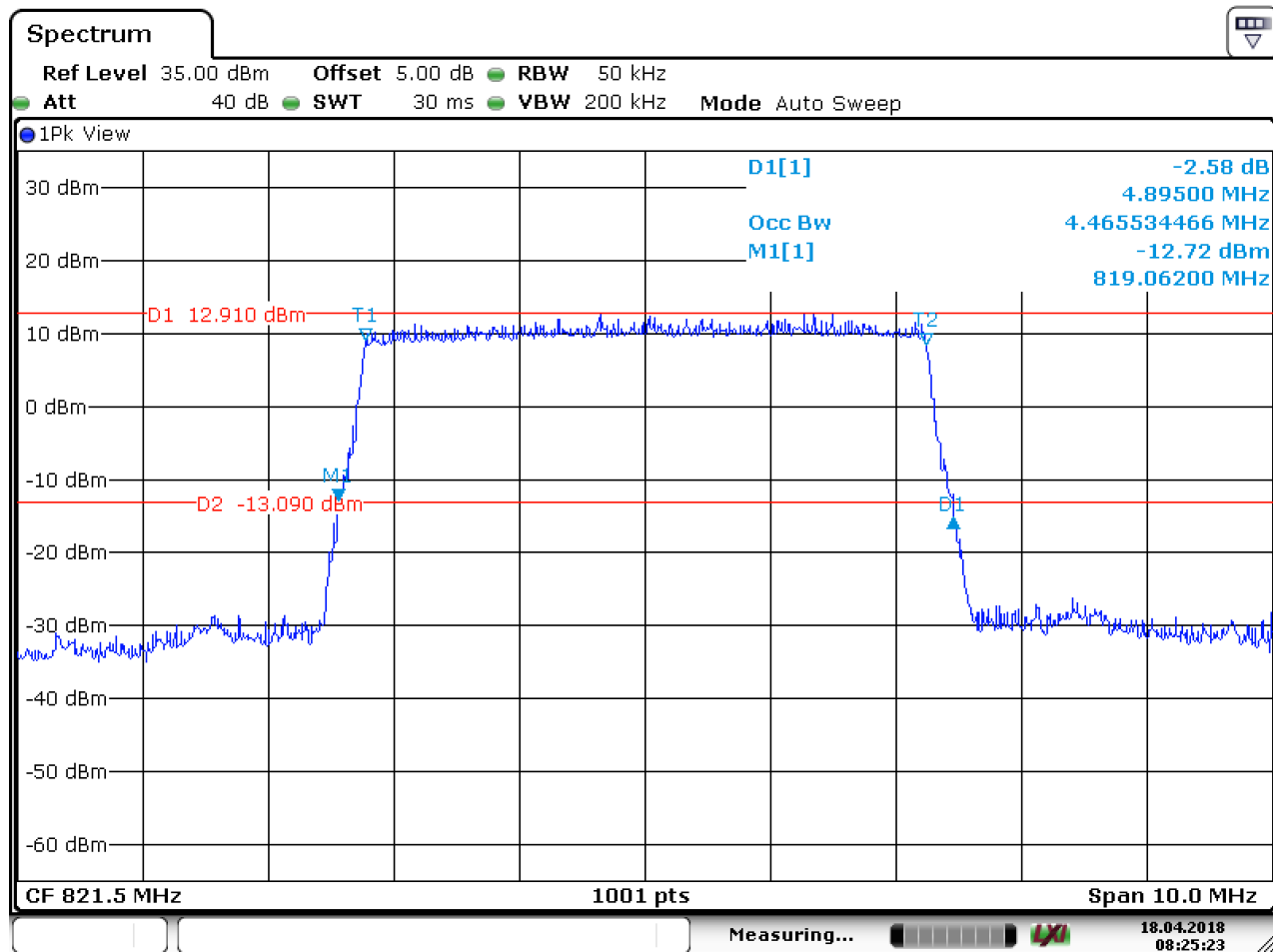
4.1.1.5.2 Test Channel = MCH



Date: 18.APR.2018 08:29:24



4.1.1.5.3 Test Channel = HCH

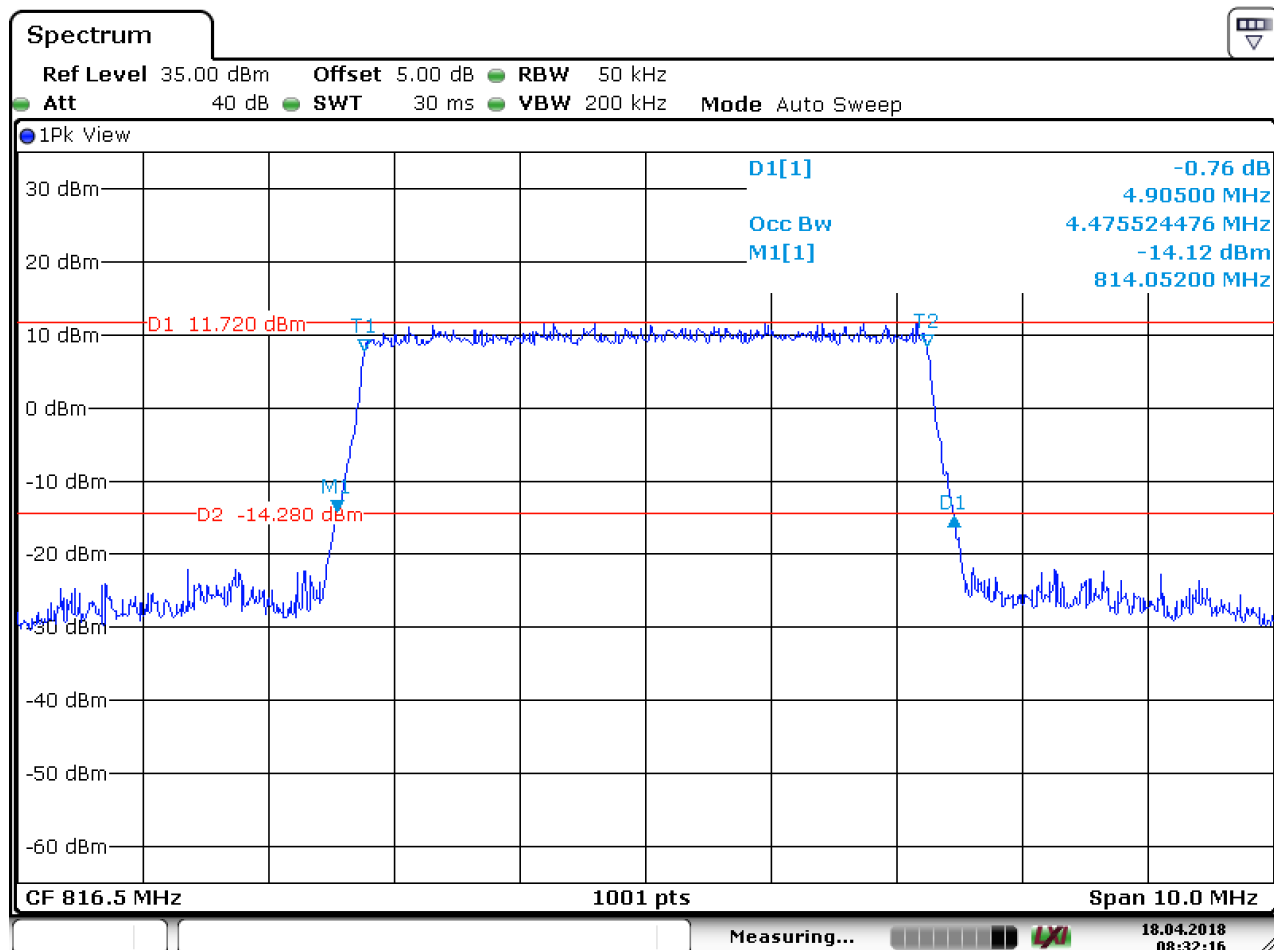


Date: 18.APR.2018 08:25:23



4.1.1.6 Test Mode = LTE/TM2 5MHz

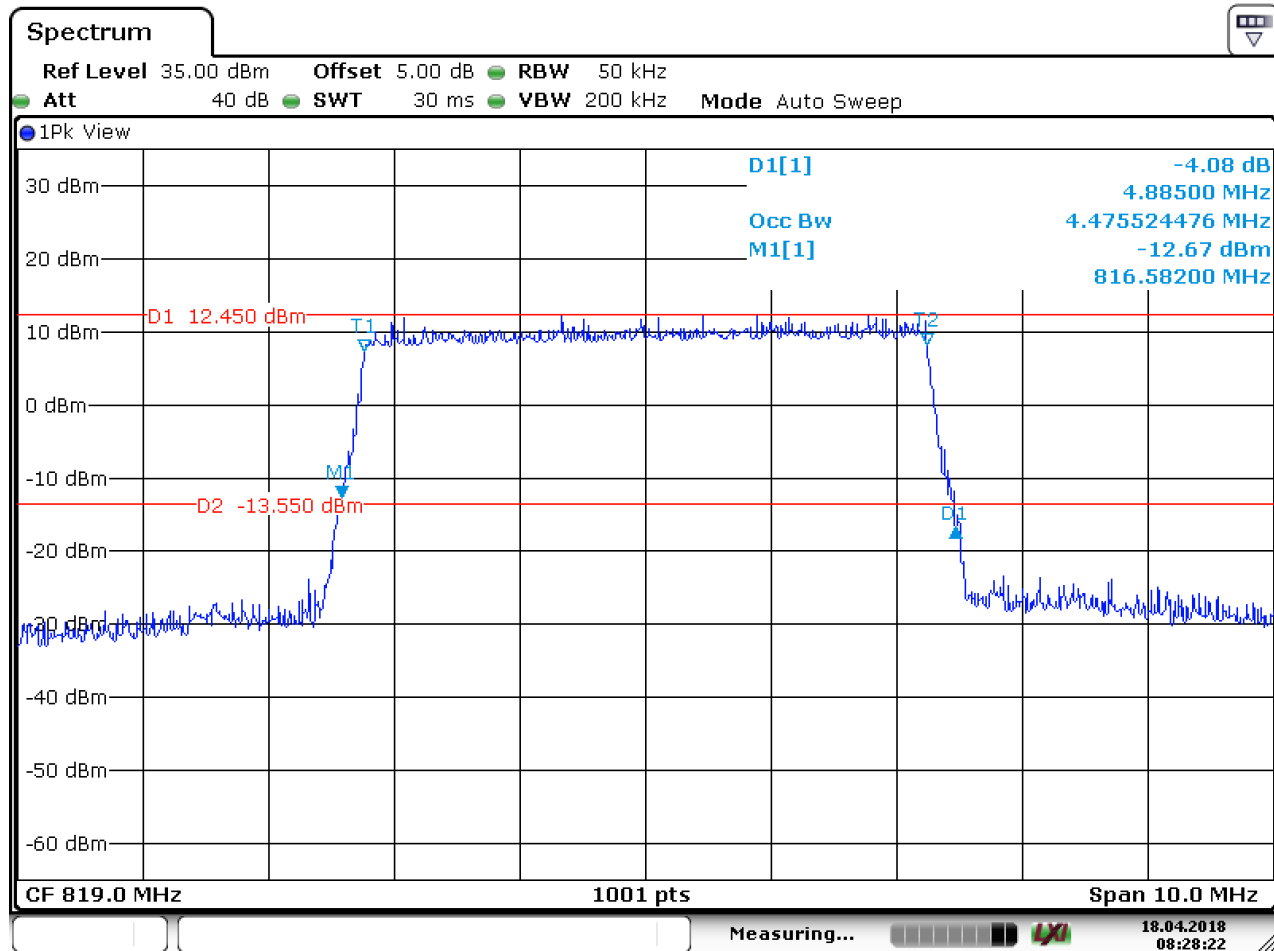
4.1.1.6.1 Test Channel = LCH



Date: 18.APR.2018 08:32:16



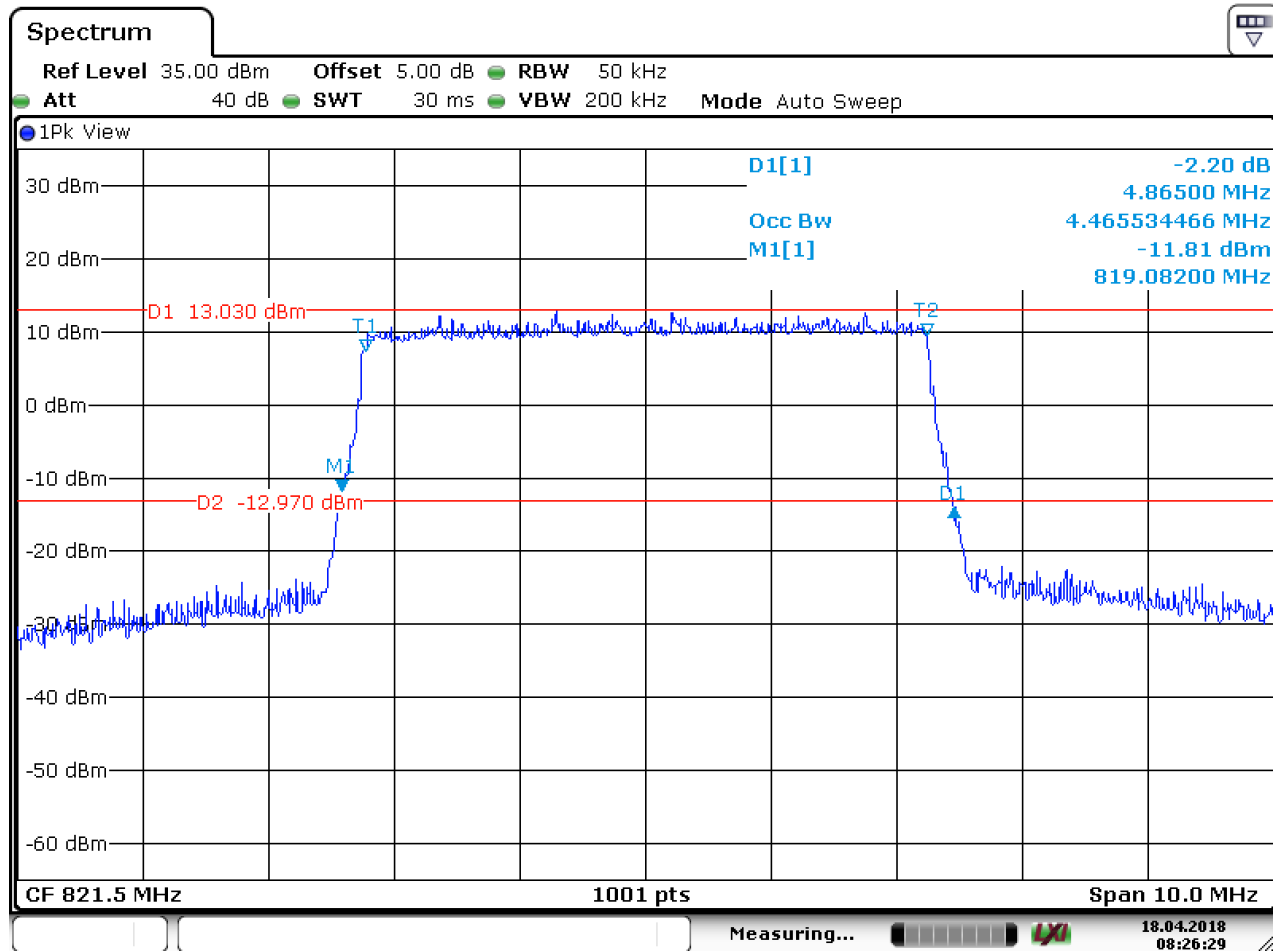
4.1.1.6.2 Test Channel = MCH



Date: 18.APR.2018 08:28:22



4.1.1.6.3 Test Channel = HCH

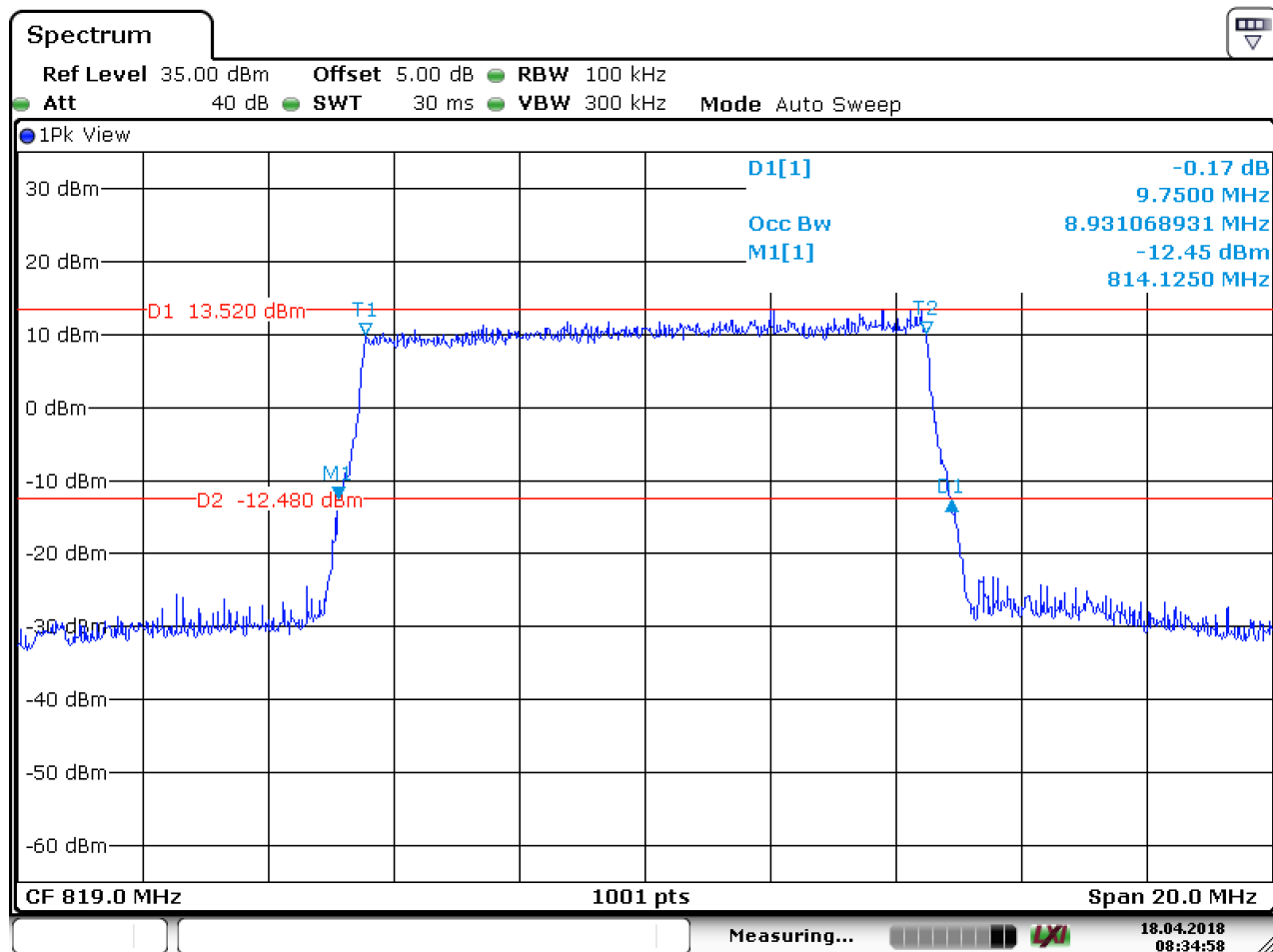


Date: 18.APR.2018 08:26:29



4.1.1.7 Test Mode = LTE/TM1 10MHz

4.1.1.7.1 Test Channel = LCH/ MCH/HCH

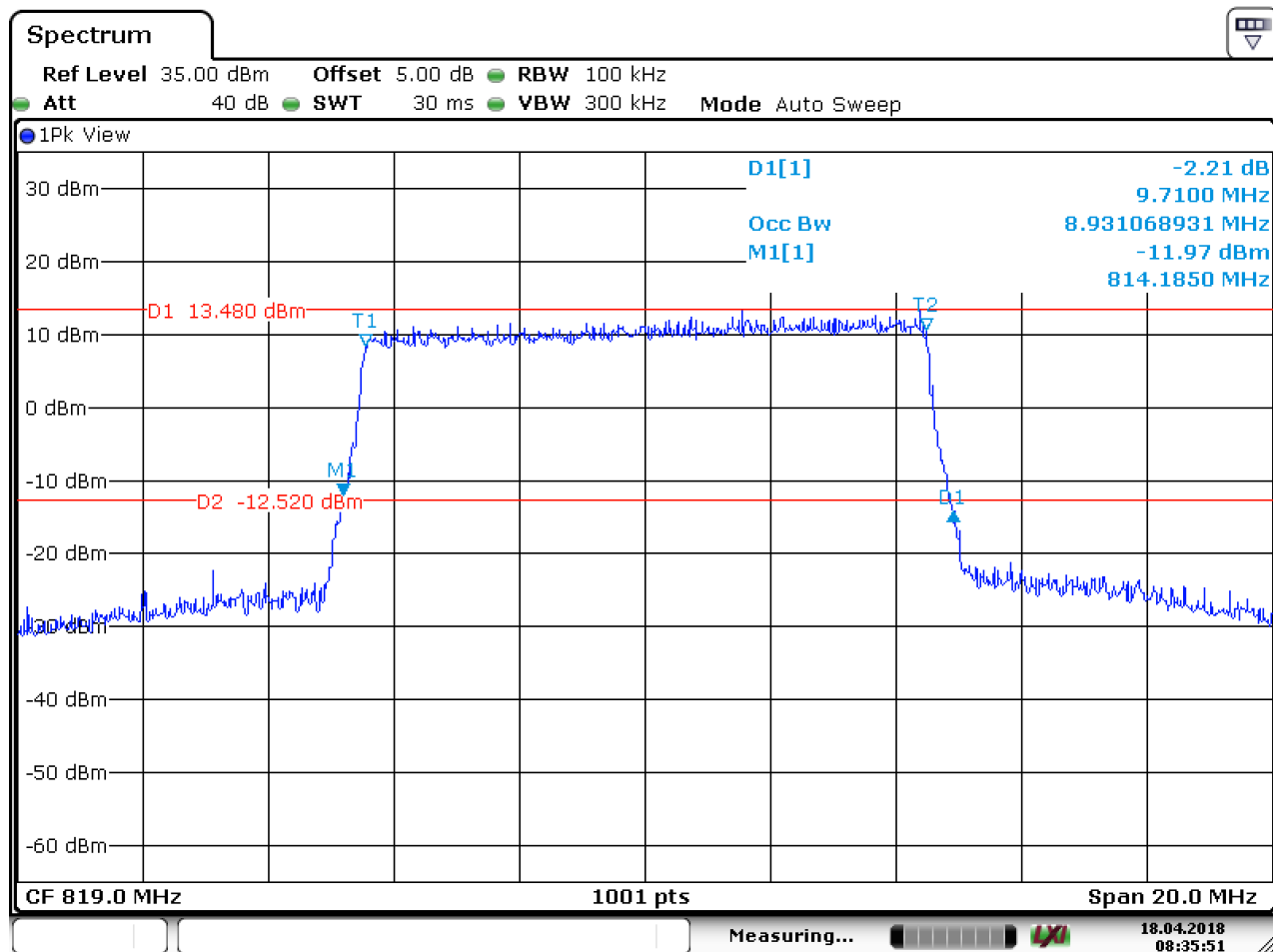


Date: 18.APR.2018 08:34:59



4.1.1.8 Test Mode = LTE/TM2 10MHz

4.1.1.8.1 Test Channel = LCH/ MCH/HCH



Date: 18.APR.2018 08:35:51

5 Band Edges Compliance

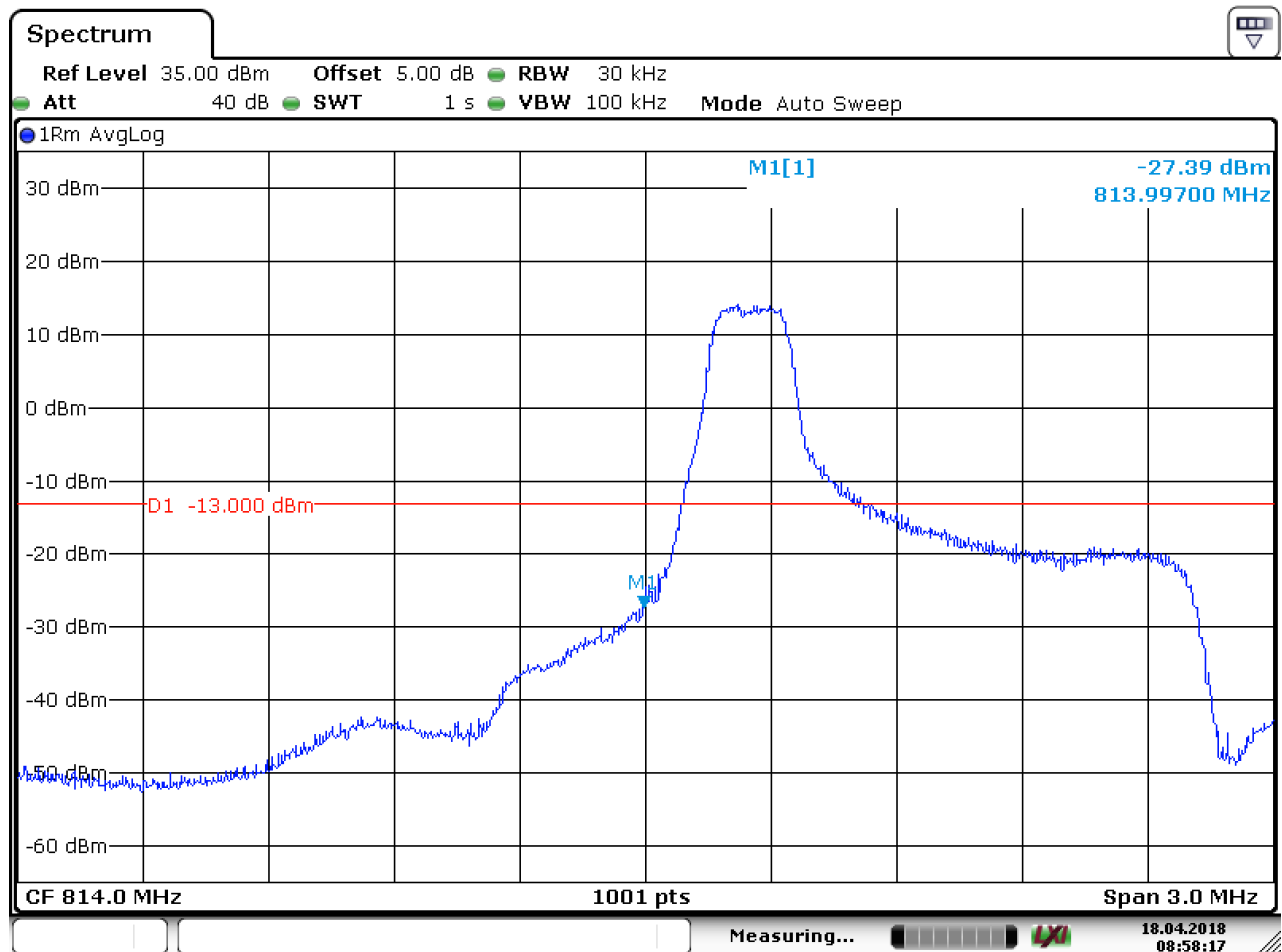
5.1 For LTE

5.1.1 Test Band = LTE band26

5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

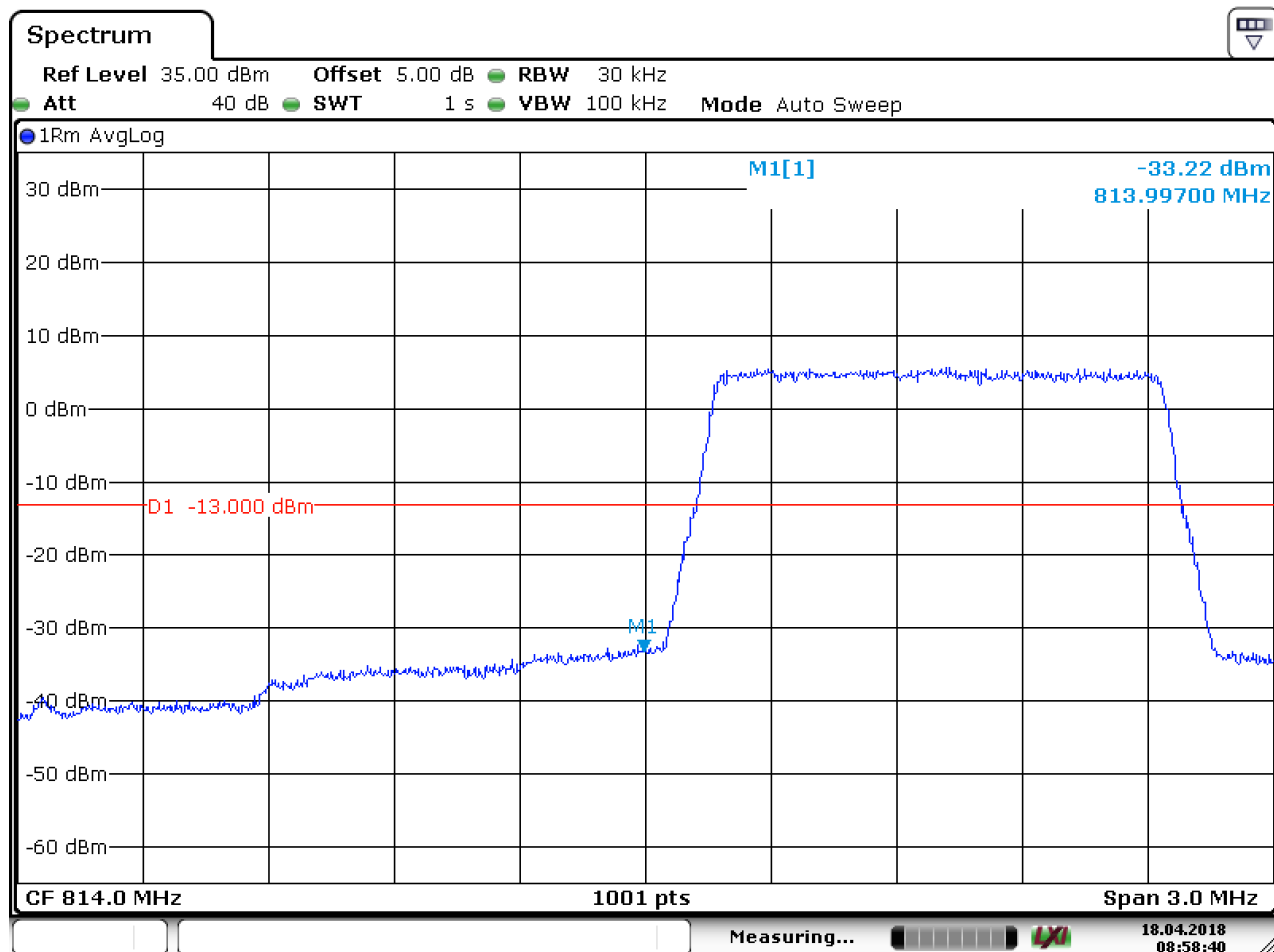
5.1.1.1.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:58:18



5.1.1.1.2 Test RB=6RB#0

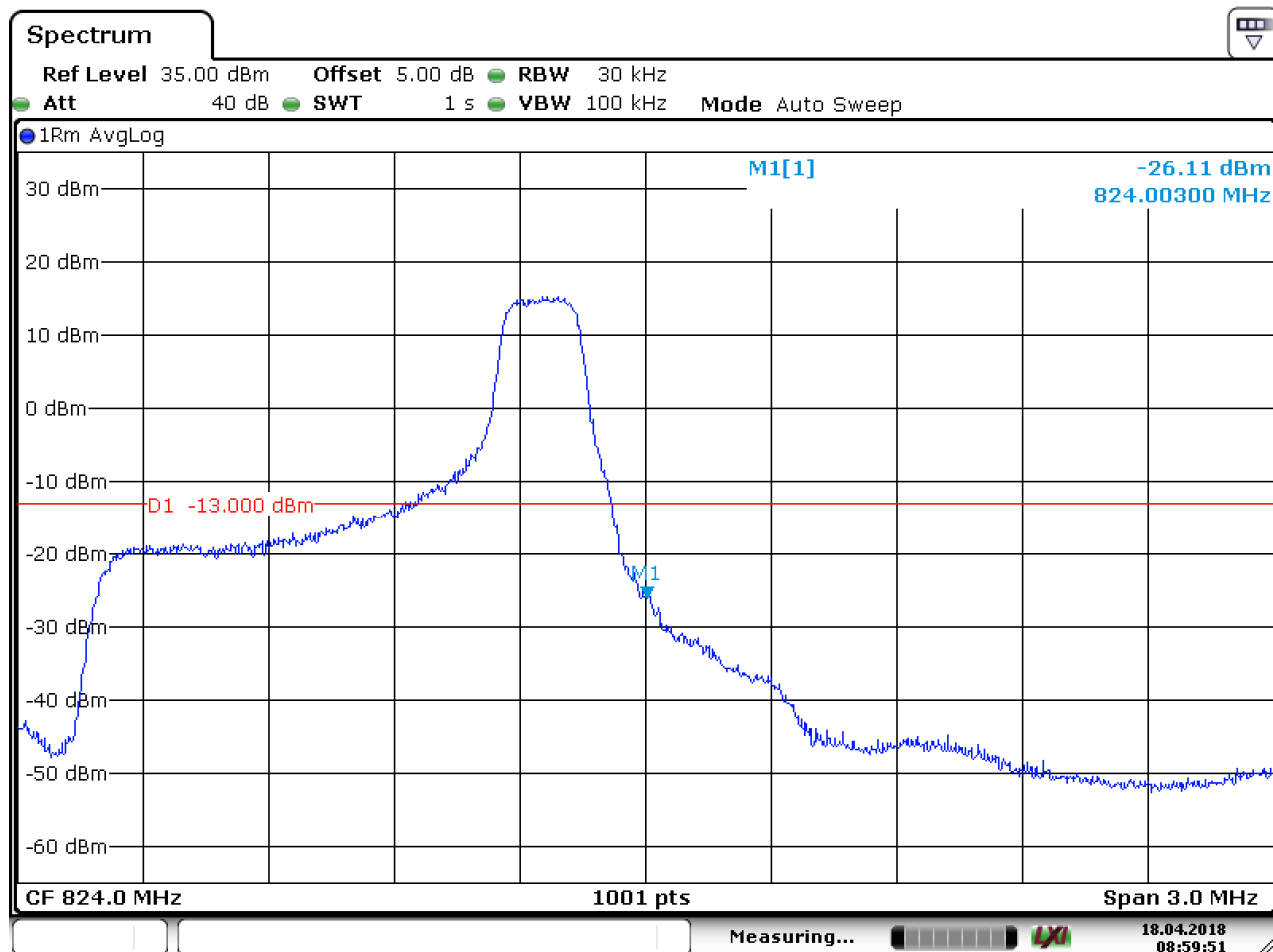


Date: 18.APR.2018 08:58:40



5.1.1.1.2 Test Channel = HCH

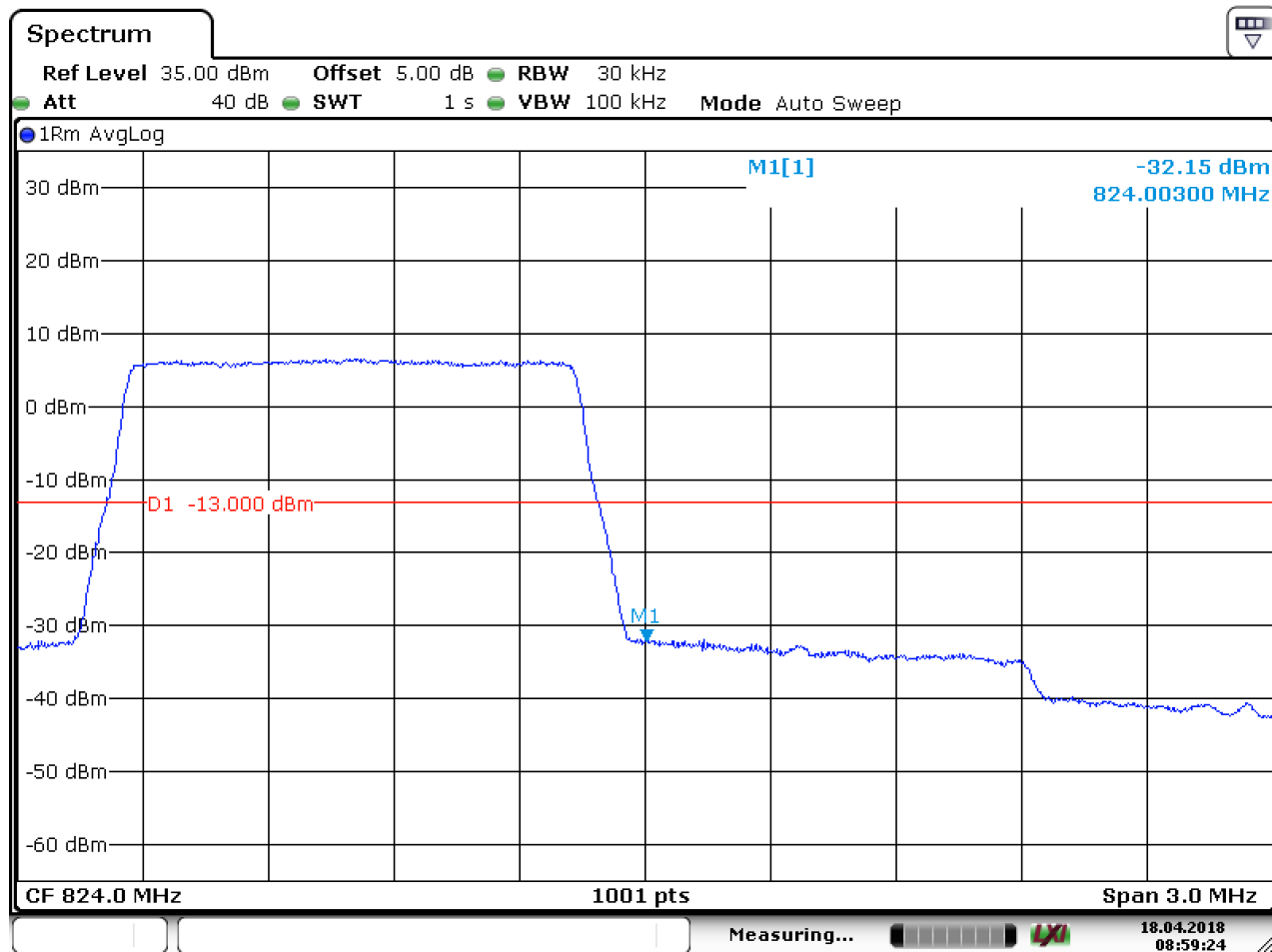
5.1.1.1.2.1 Test RB=1RB#5



Date: 18.APR.2018 08:59:51



5.1.1.1.2.2 Test RB=6RB#0

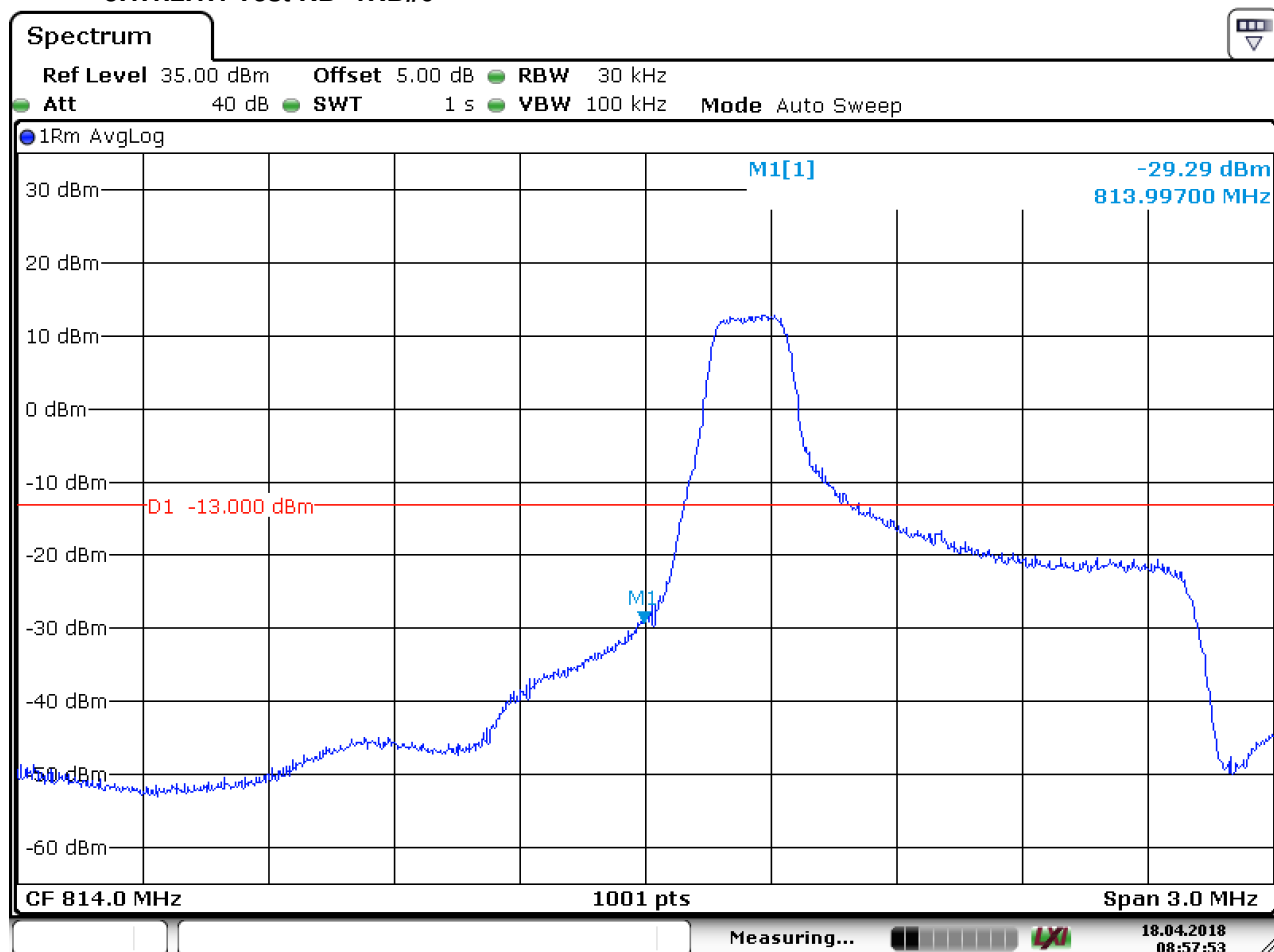


Date: 18.APR.2018 08:59:25



5.1.1.2 Test Mode = LTE/TM2 1.4MHz
5.1.1.2.1 Test Channel = LCH

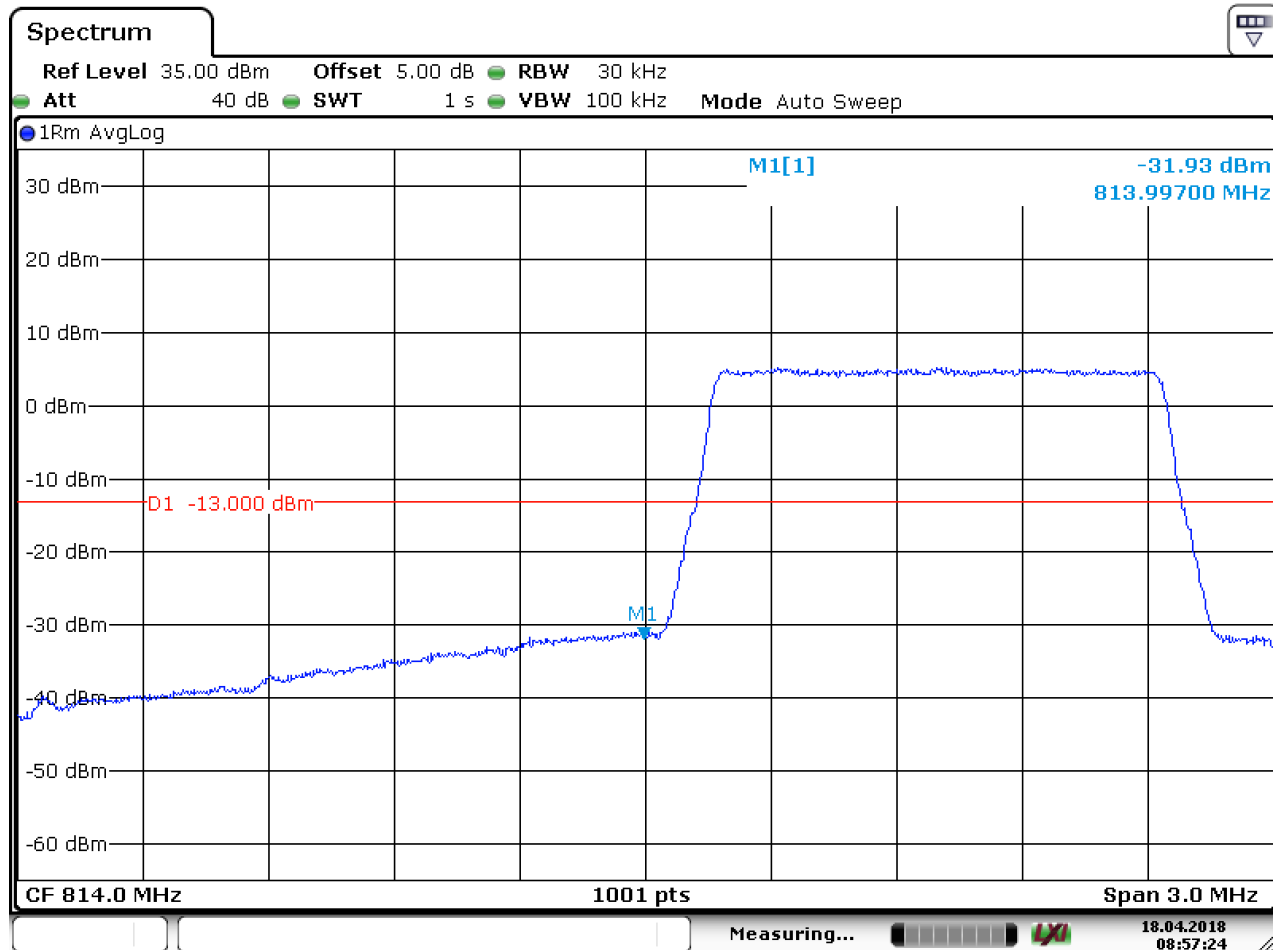
5.1.1.2.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:57:54



5.1.1.2.1.2 Test RB=6RB#0

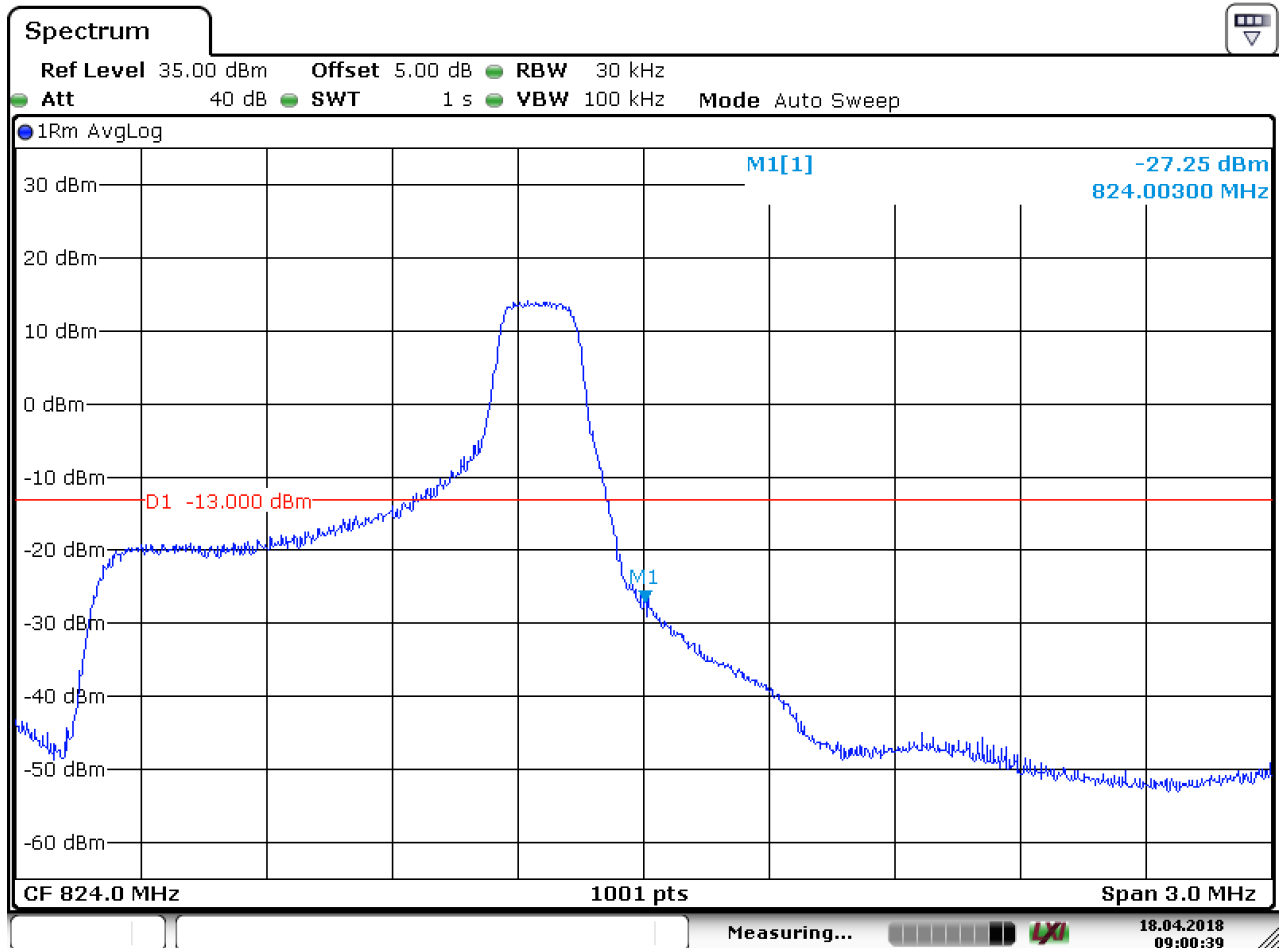


Date: 18.APR.2018 08:57:24



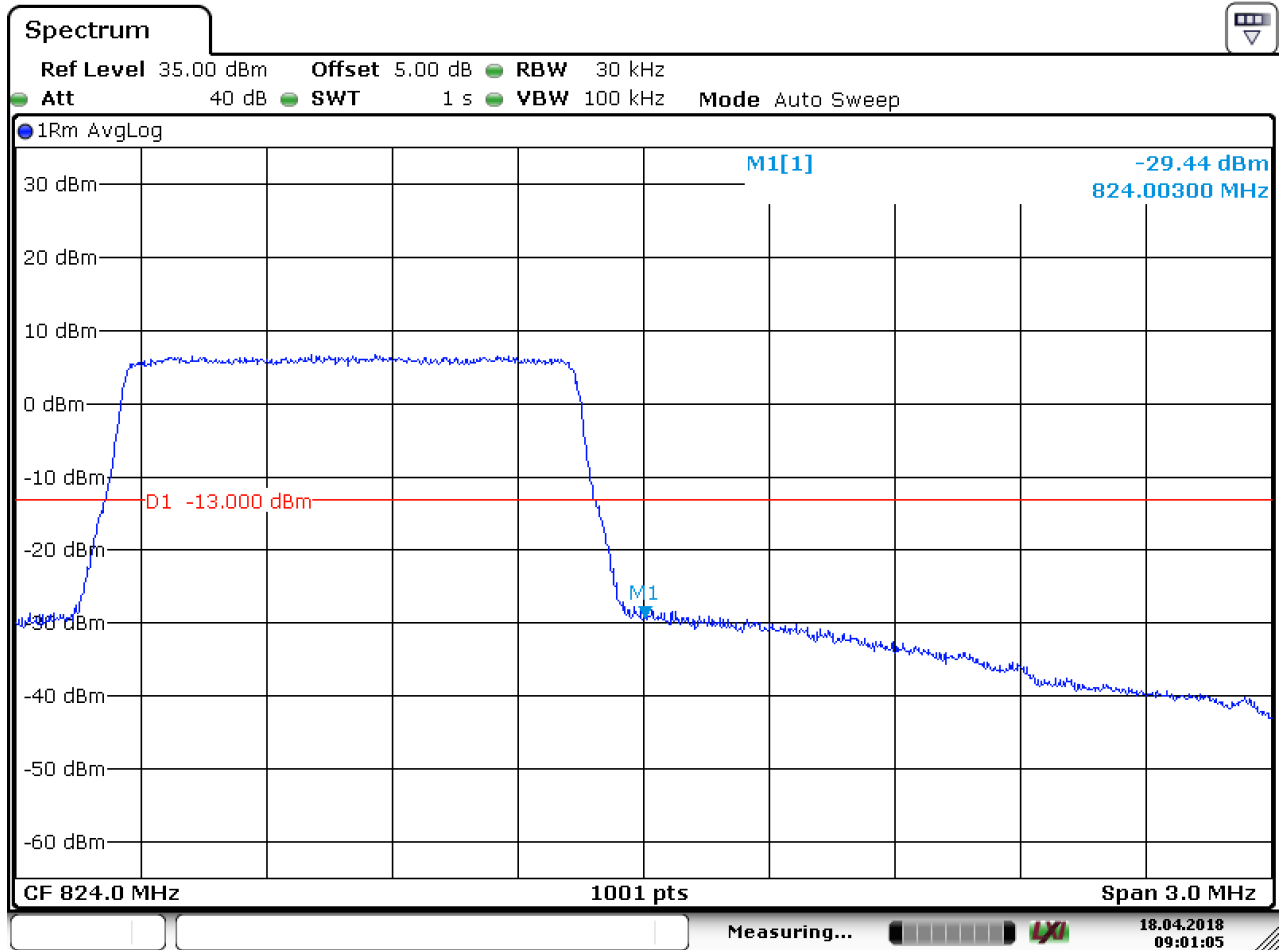
5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB#5



Date: 18.APR.2018 09:00:40

5.1.1.2.2.2 Test RB=6RB#0

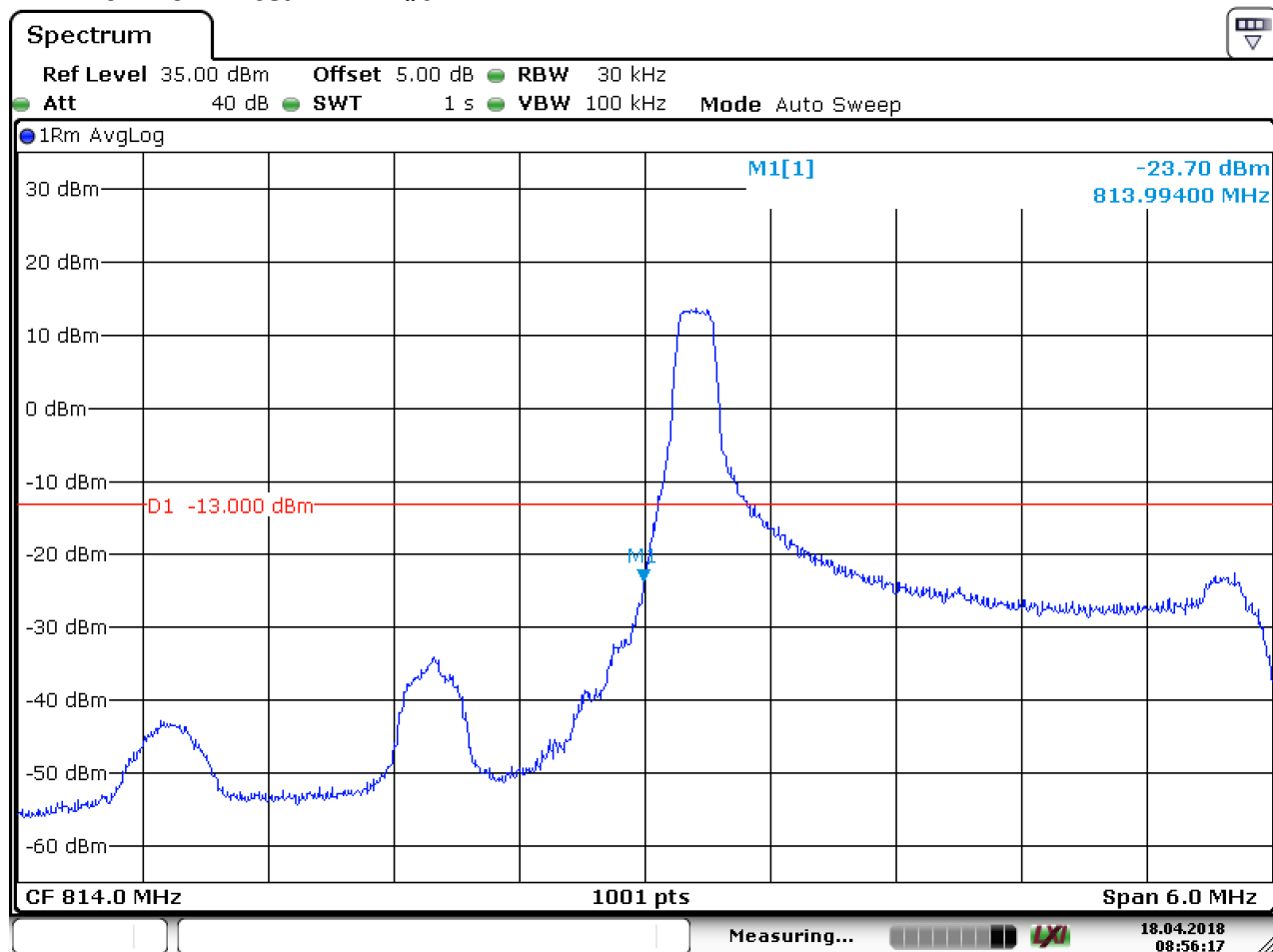


Date: 18.APR.2018 09:01:05



5.1.1.3 Test Mode = LTE/TM1 3MHz
5.1.1.3.1 Test Channel = LCH

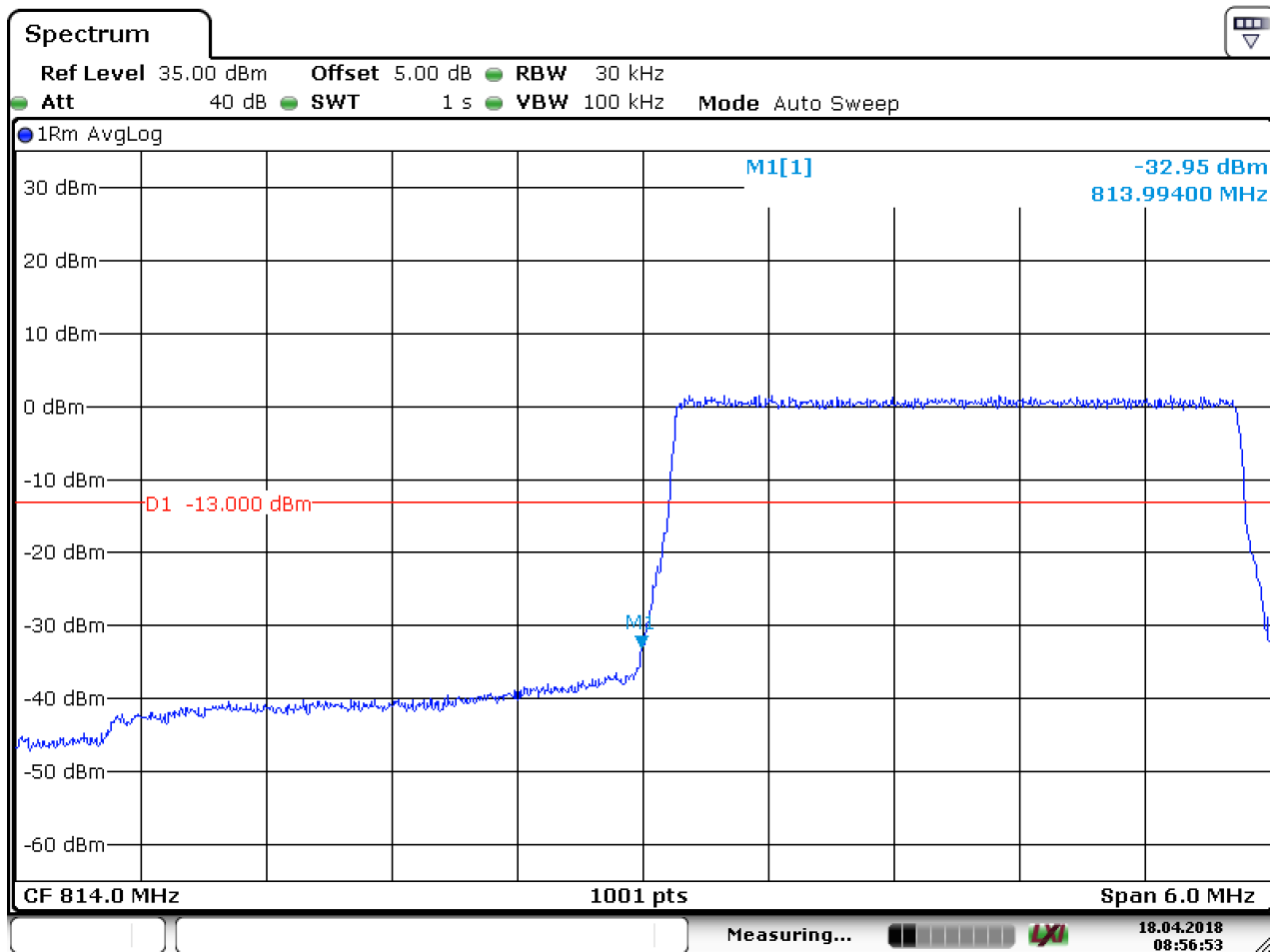
5.1.1.3.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:56:17



5.1.1.3.1.2 Test RB=15RB#0

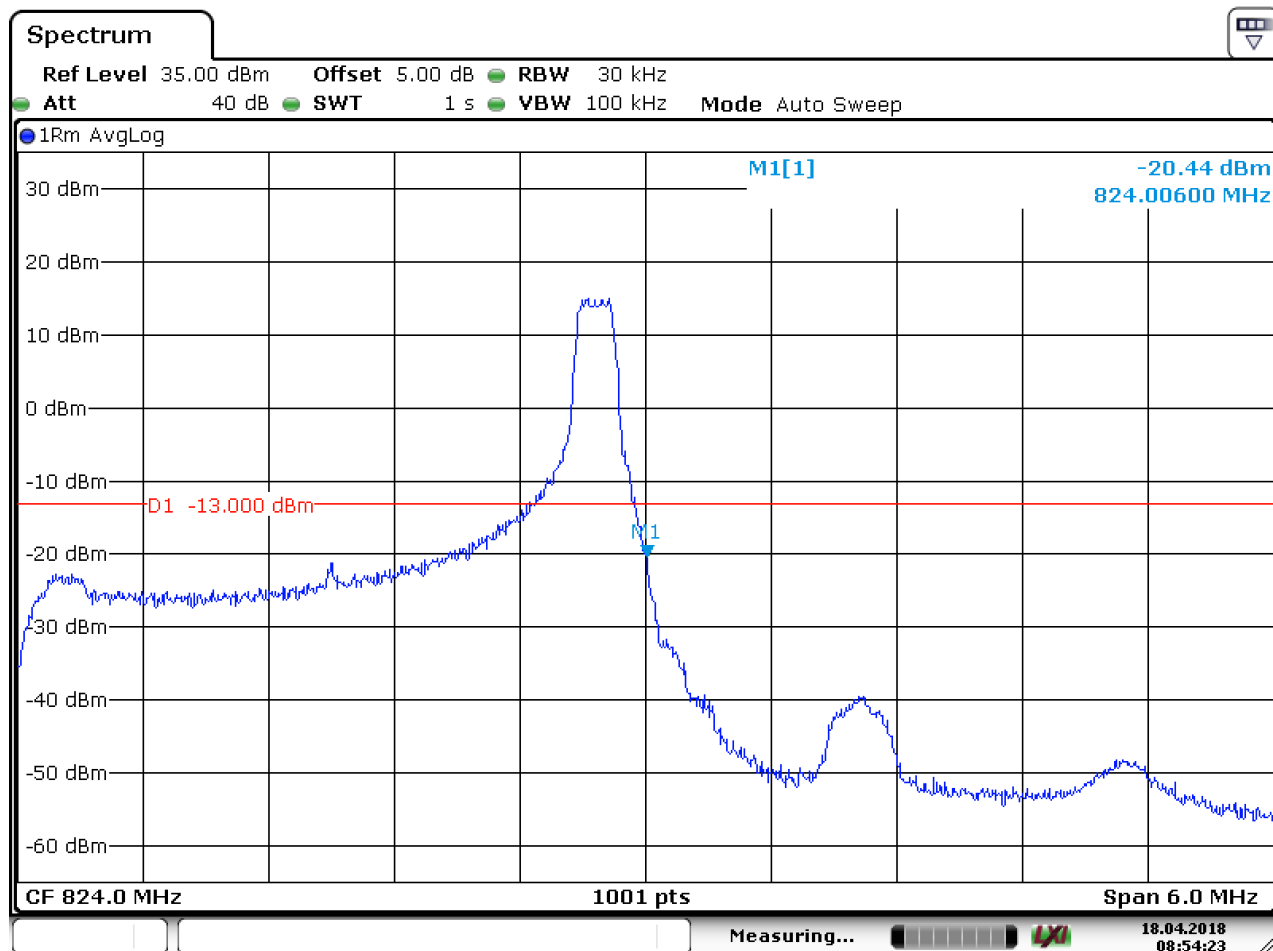


Date: 18.APR.2018 08:56:53



5.1.1.3.2 Test Channel = HCH

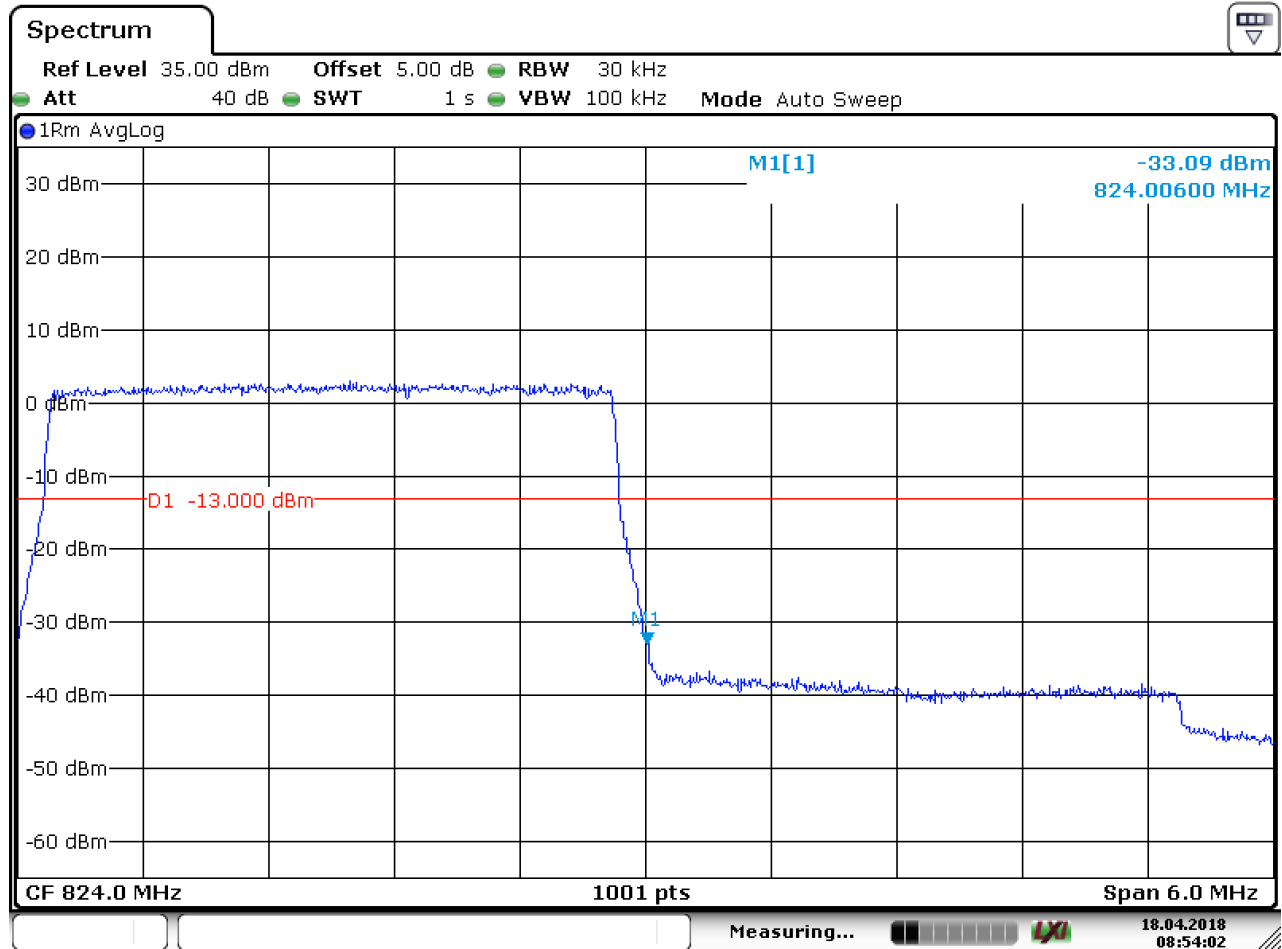
5.1.1.3.2.1 Test RB=1RB#14



Date: 18.APR.2018 08:54:24



5.1.1.3.2.2 Test RB=15RB#0



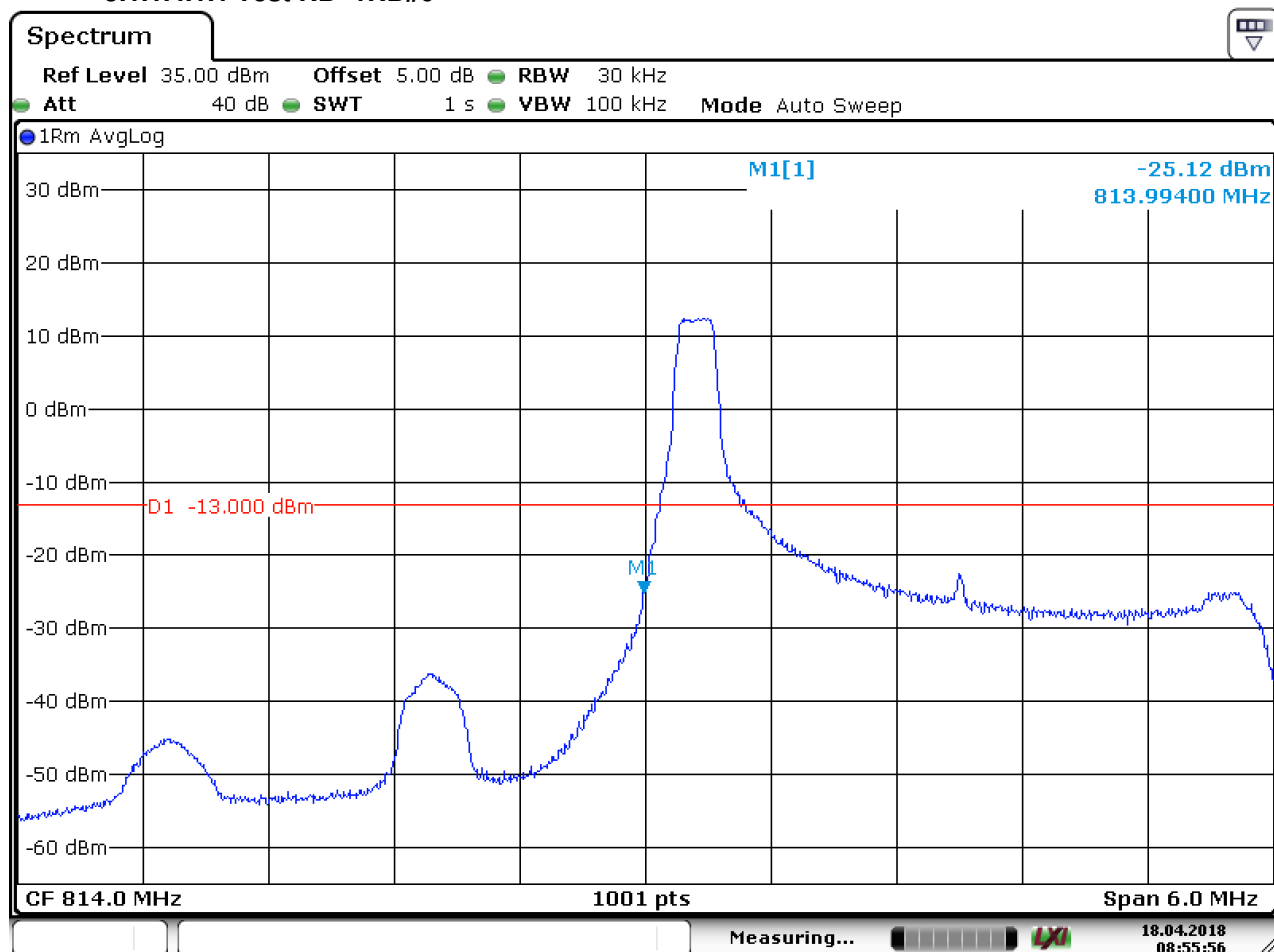
Date: 18.APR.2018 08:54:03



5.1.1.4 Test Mode = LTE/TM2 3MHz

5.1.1.4.1 Test Channel = LCH

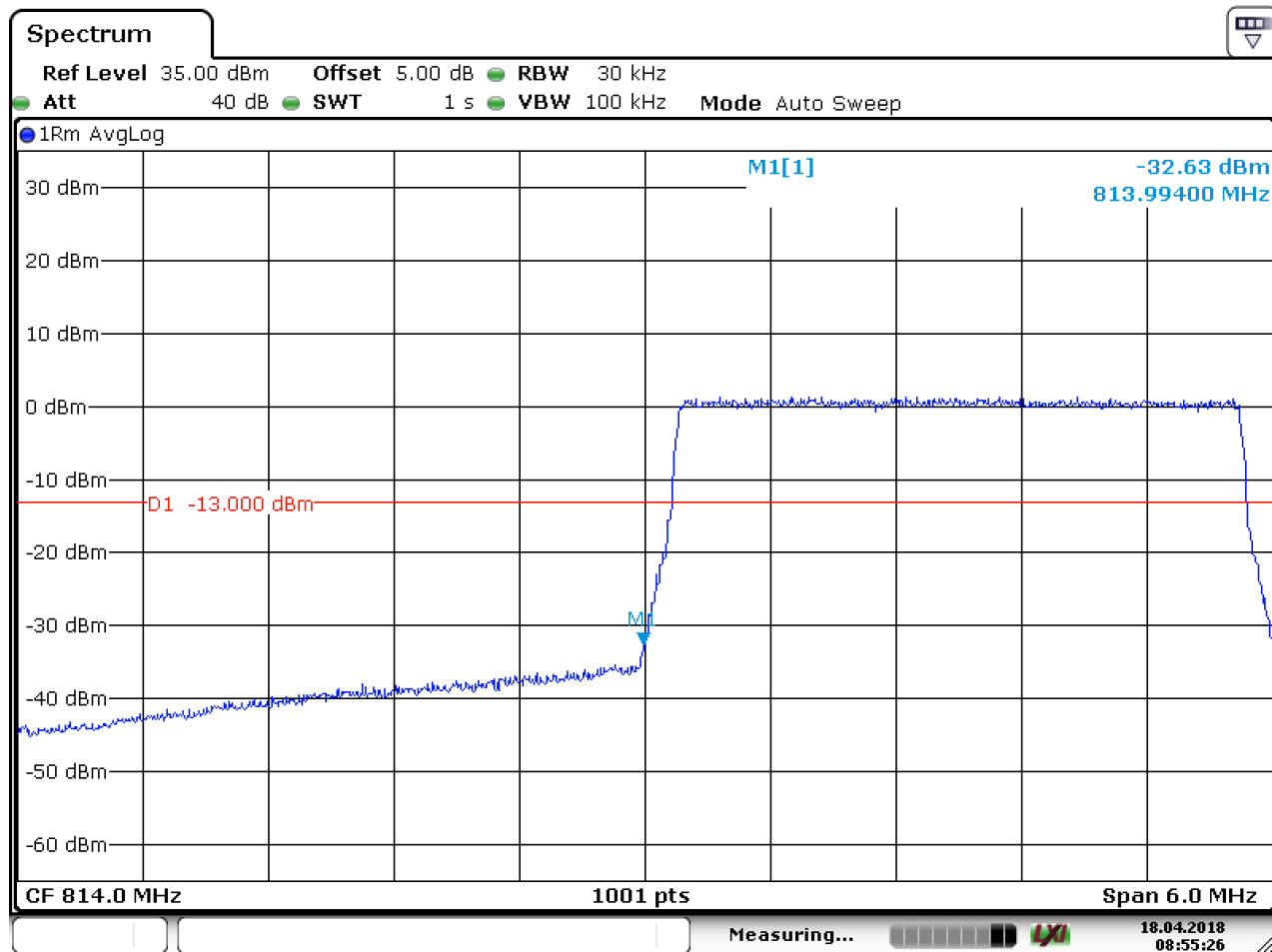
5.1.1.4.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:55:57



5.1.1.4.1.2 Test RB=15RB#0

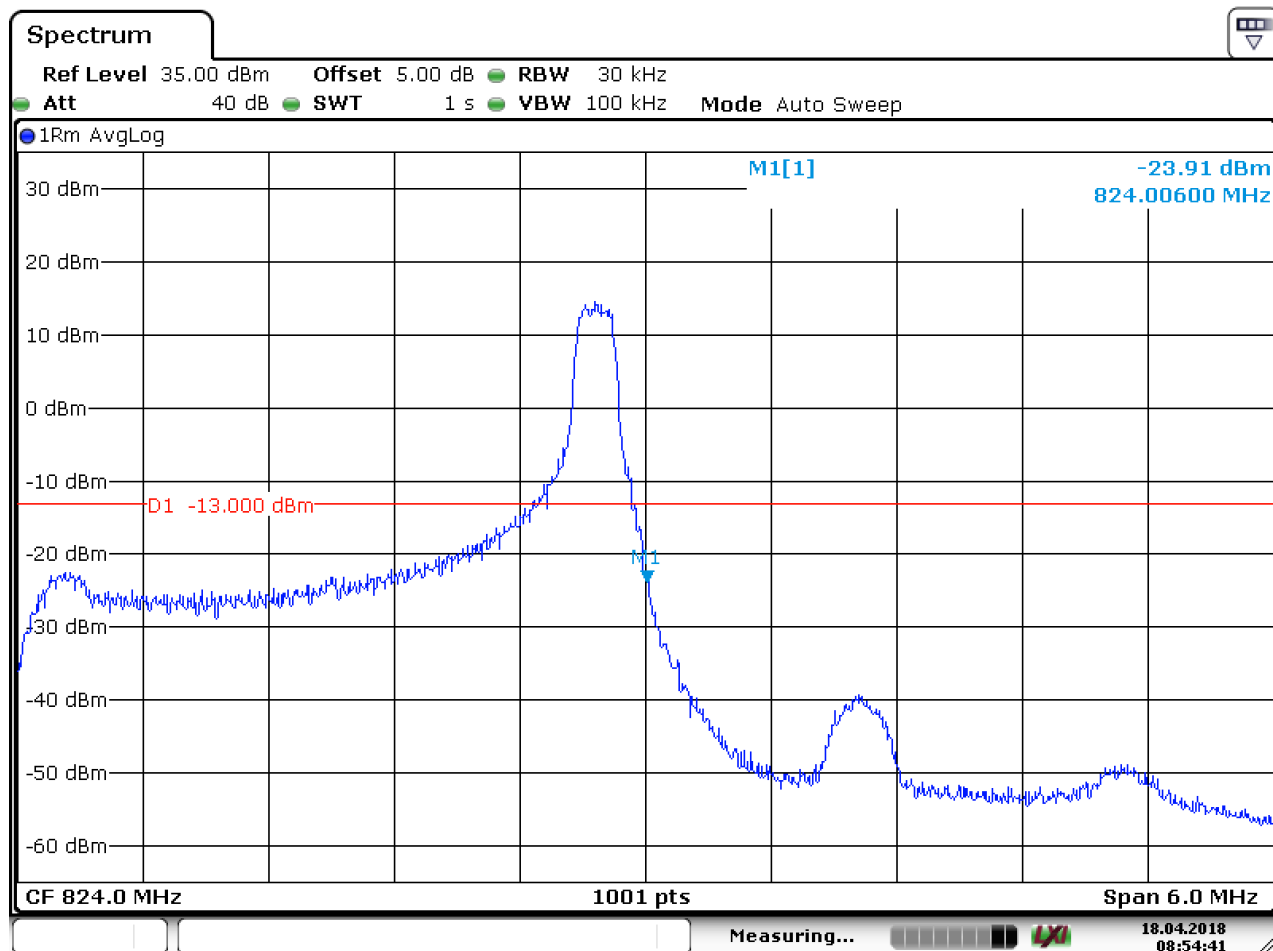


Date: 18.APR.2018 08:55:26



5.1.1.4.2 Test Channel = HCH

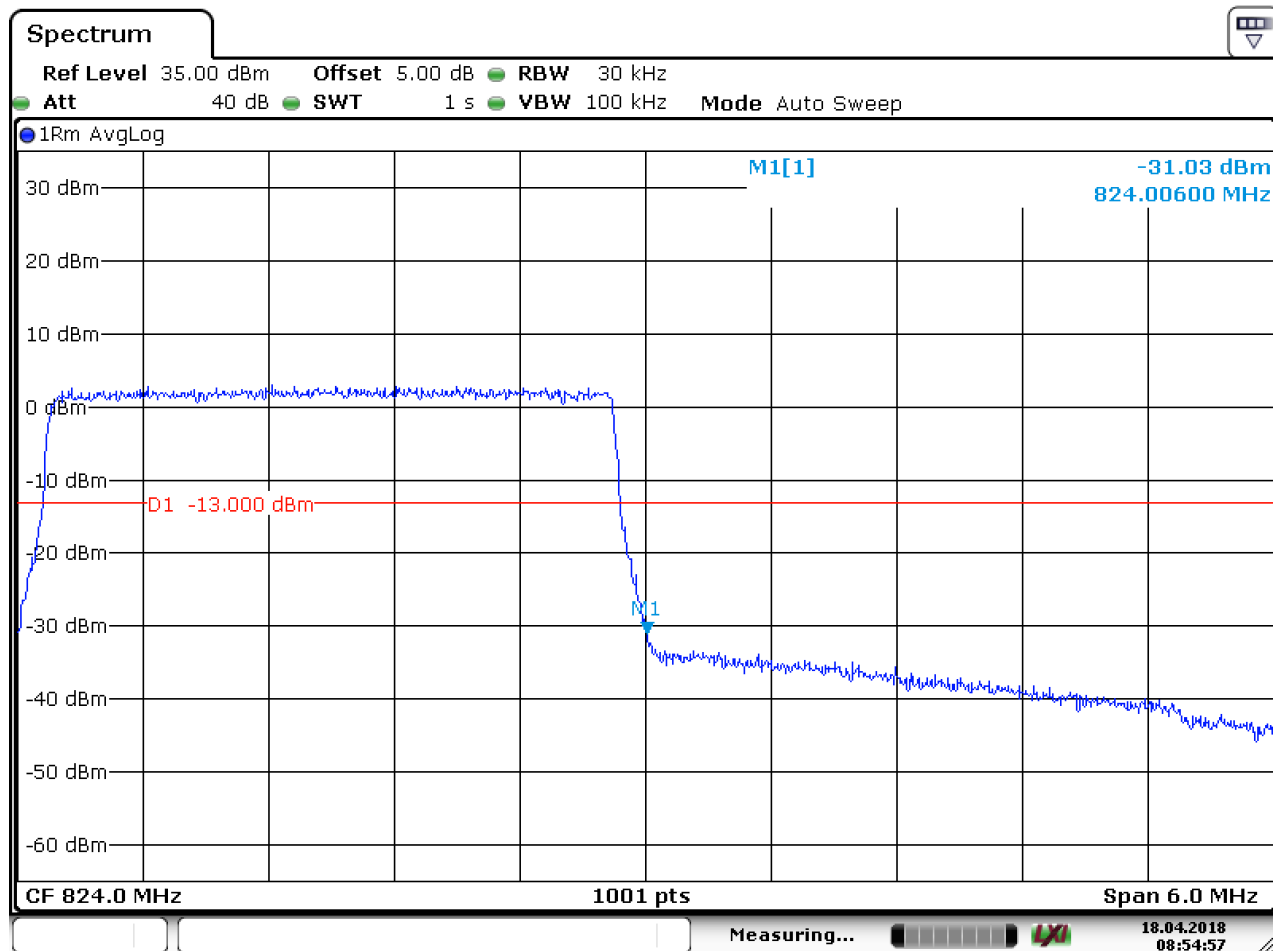
5.1.1.4.2.1 Test RB=1RB#14



Date: 18.APR.2018 08:54:42



5.1.1.4.3 Test RB=15RB#0



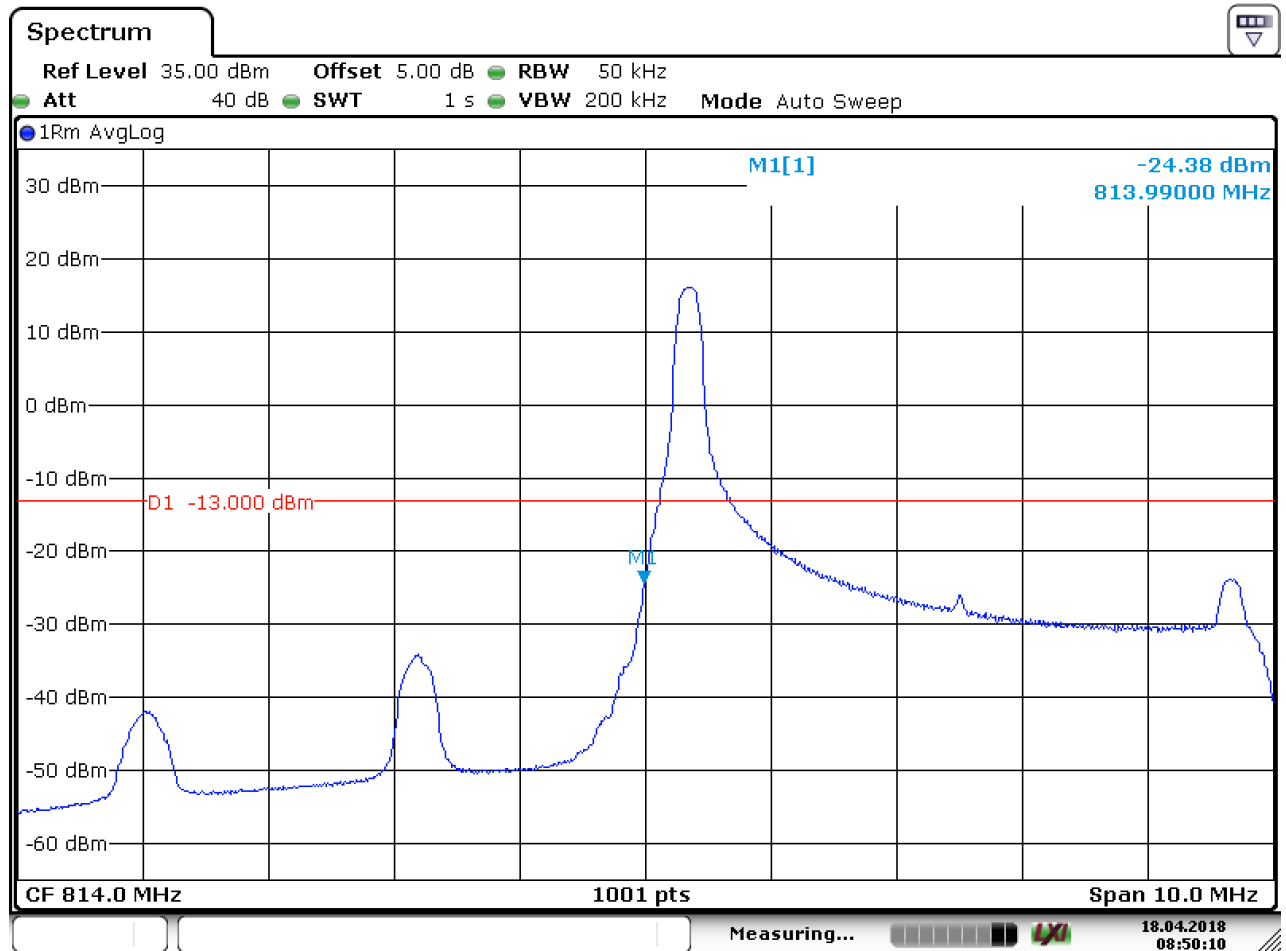
Date: 18.APR.2018 08:54:57



5.1.1.5 Test Mode = LTE/TM1 5MHz

5.1.1.5.1 Test Channel = LCH

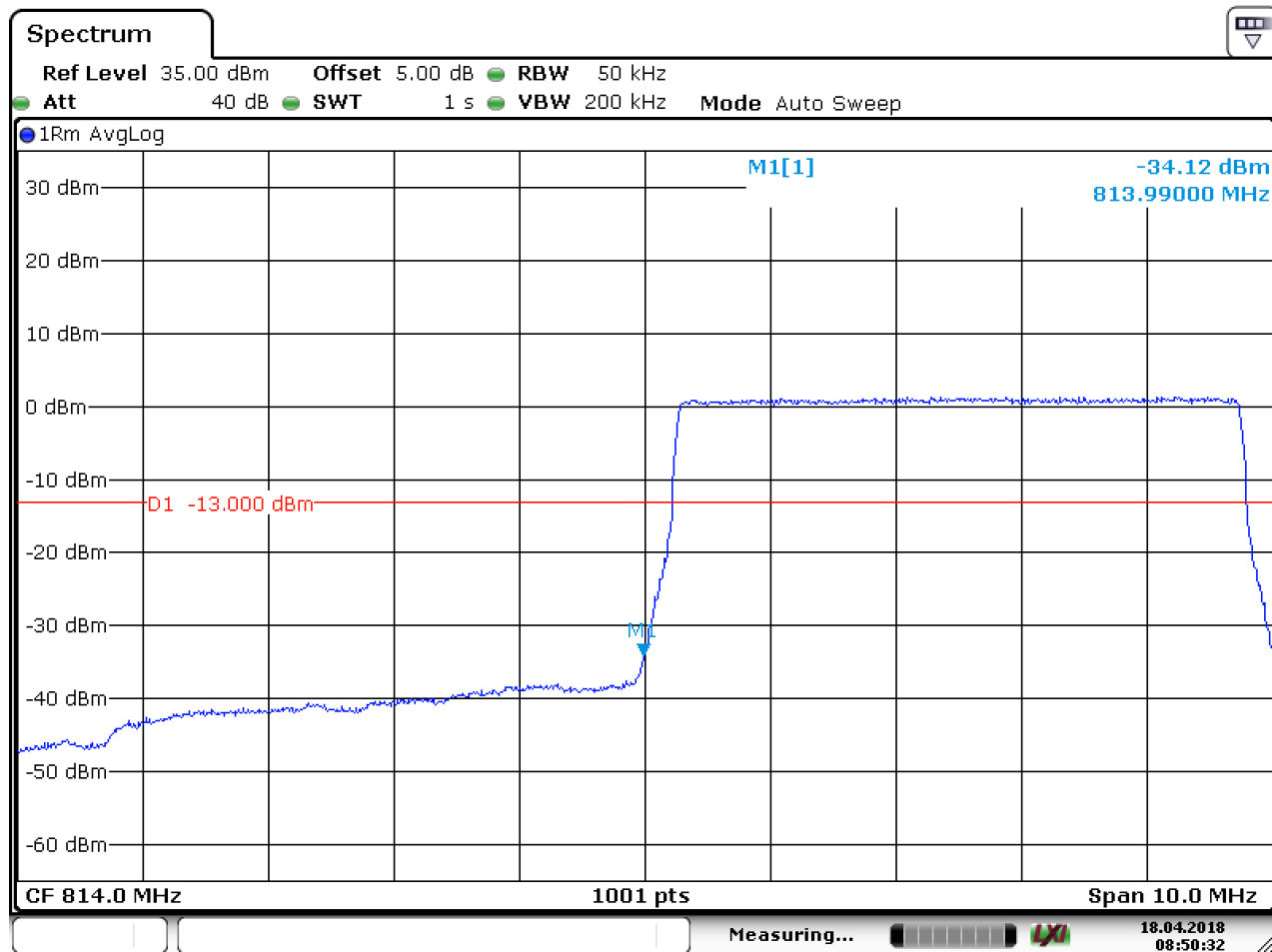
5.1.1.5.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:50:10



5.1.1.5.1.2 Test RB=25RB#0

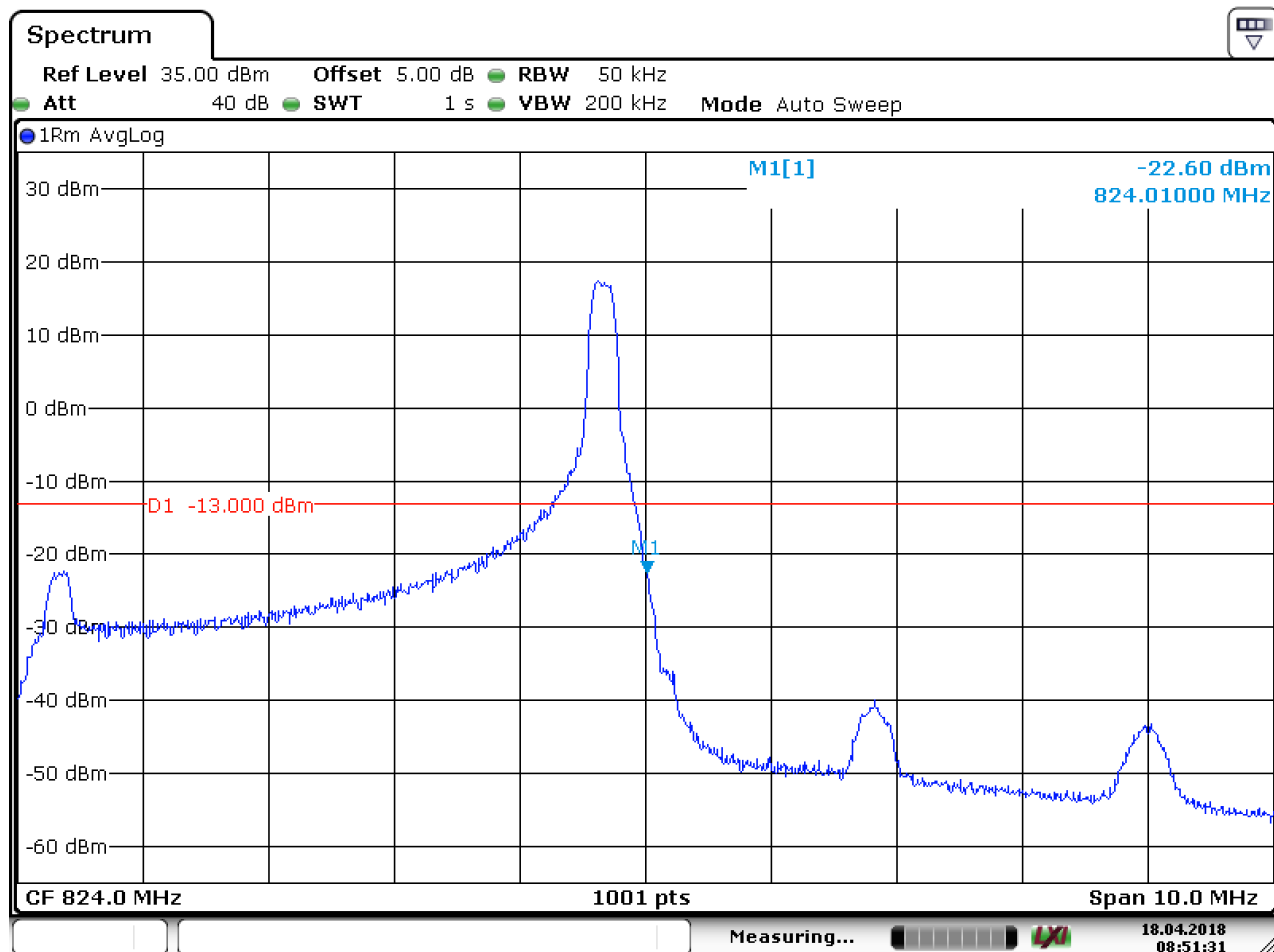


Date: 18.APR.2018 08:50:32



5.1.1.5.2 Test Channel = HCH

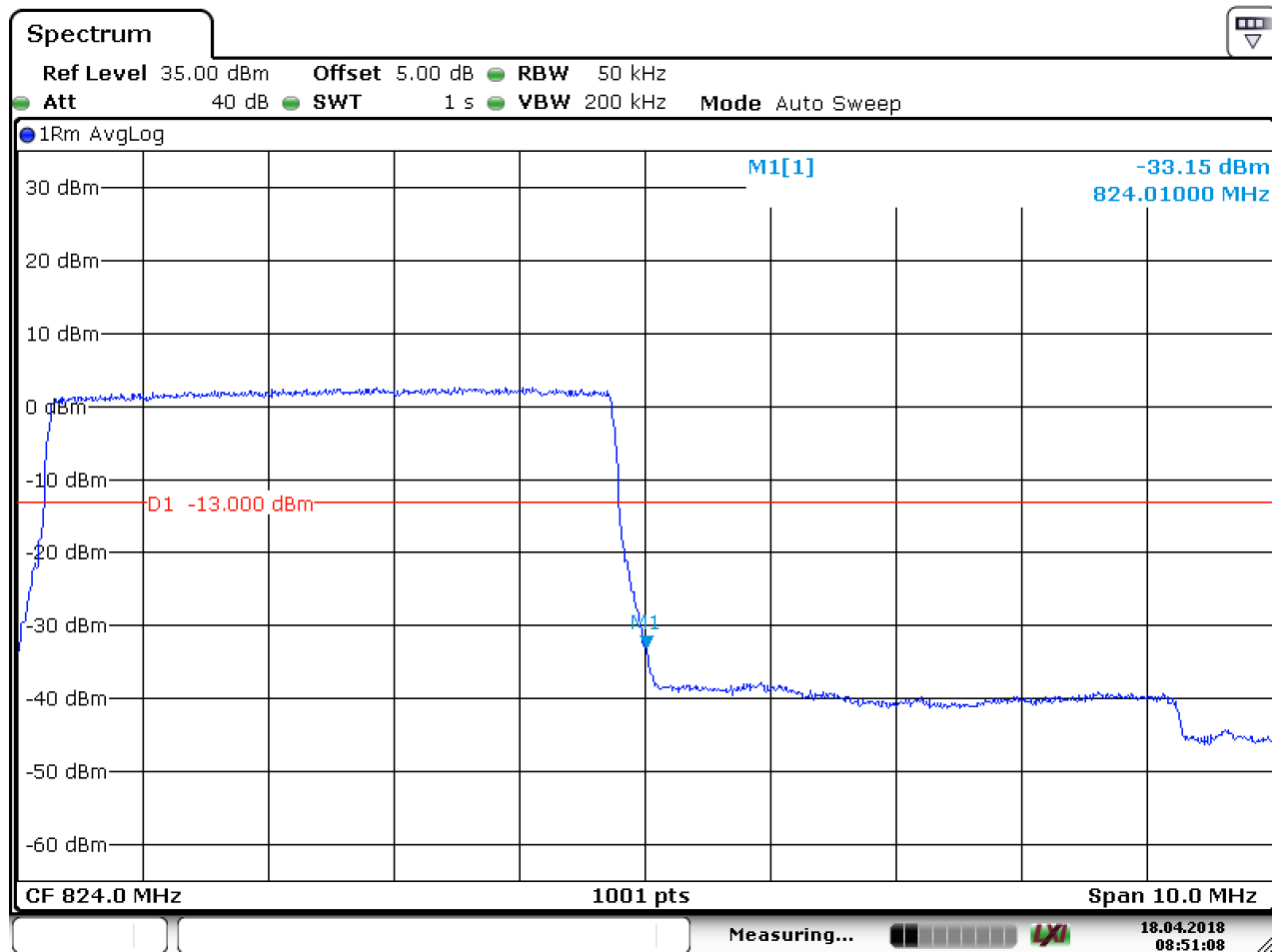
5.1.1.5.2.1 Test RB=1RB#24



Date: 18.APR.2018 08:51:31



5.1.1.5.2.2 Test RB=25RB#0



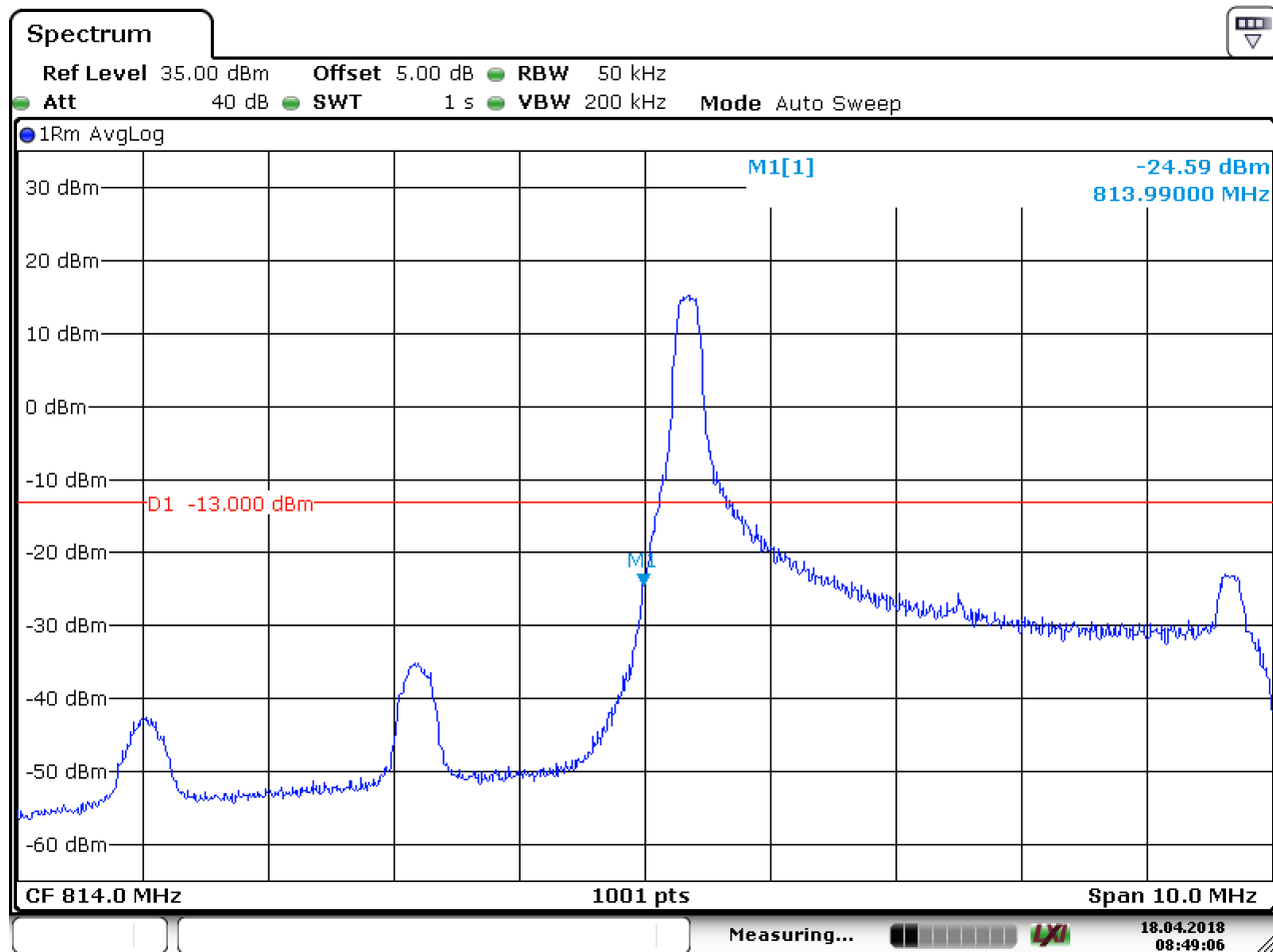
Date: 18.APR.2018 08:51:08



5.1.1.6 Test Mode = LTE/TM2 5MHz

5.1.1.6.1 Test Channel = LCH

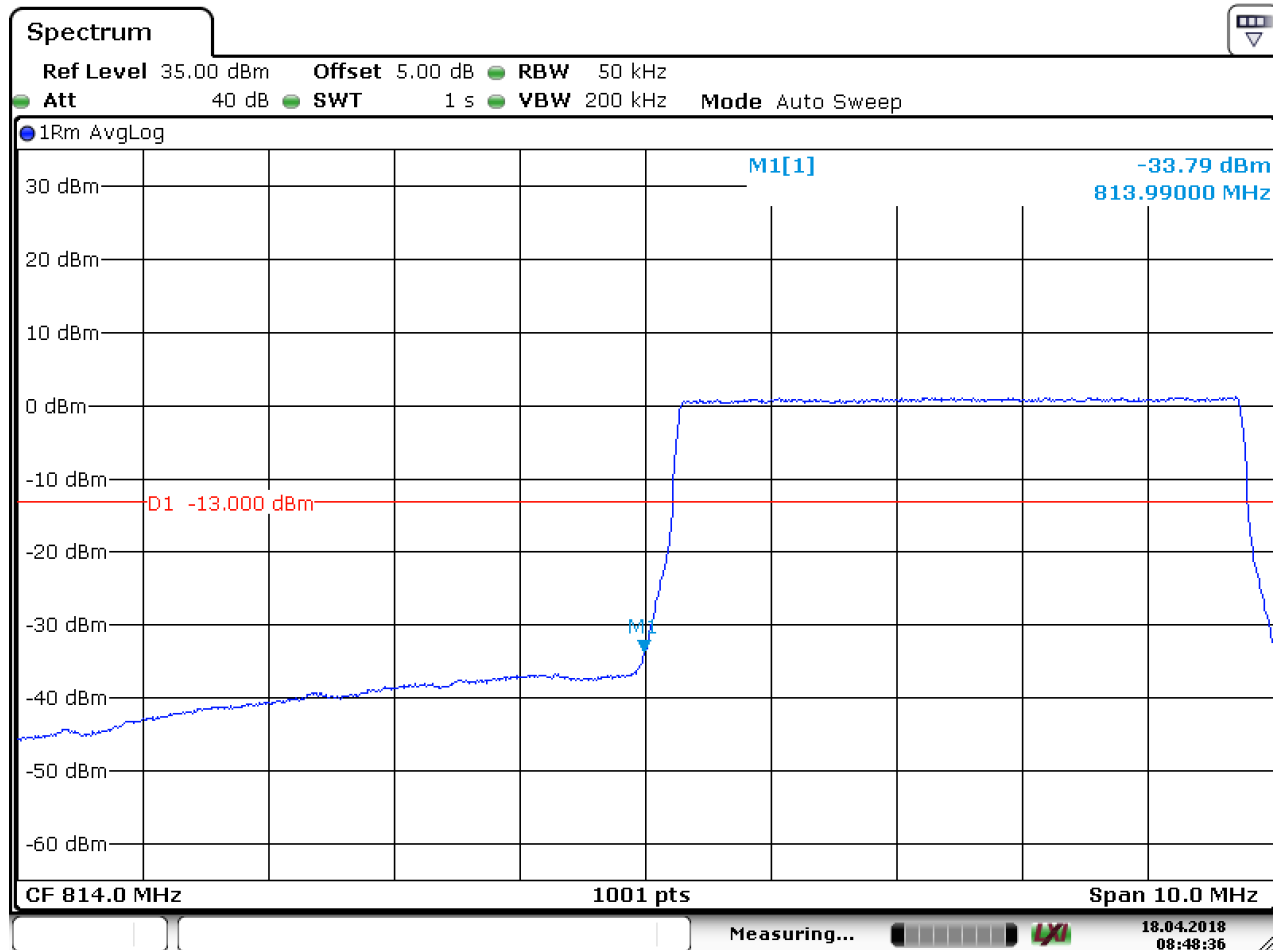
5.1.1.6.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:49:06



5.1.1.6.1.2 Test RB=25RB#0

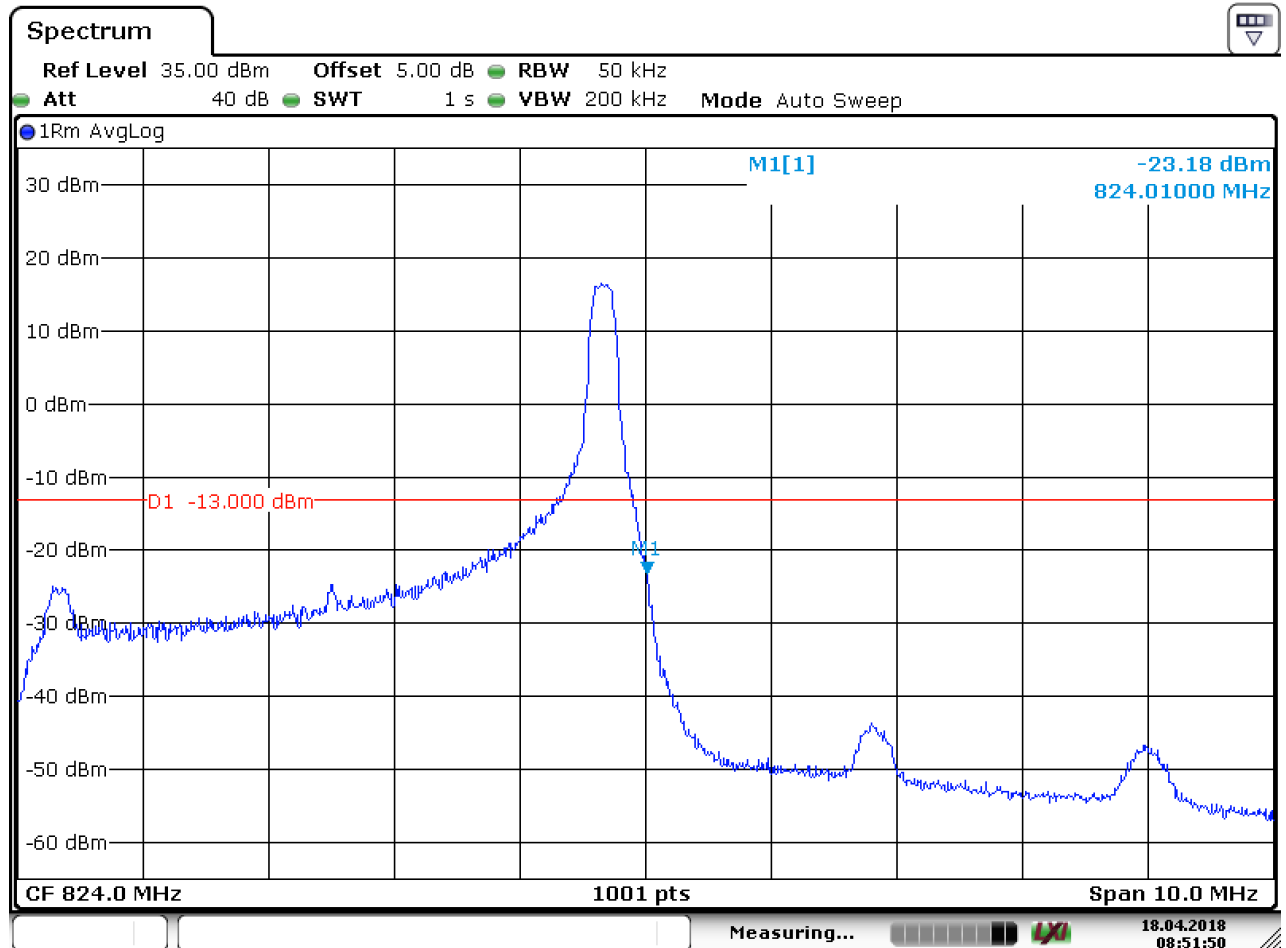


Date: 18.APR.2018 08:48:36



5.1.1.6.2 Test Channel = HCH

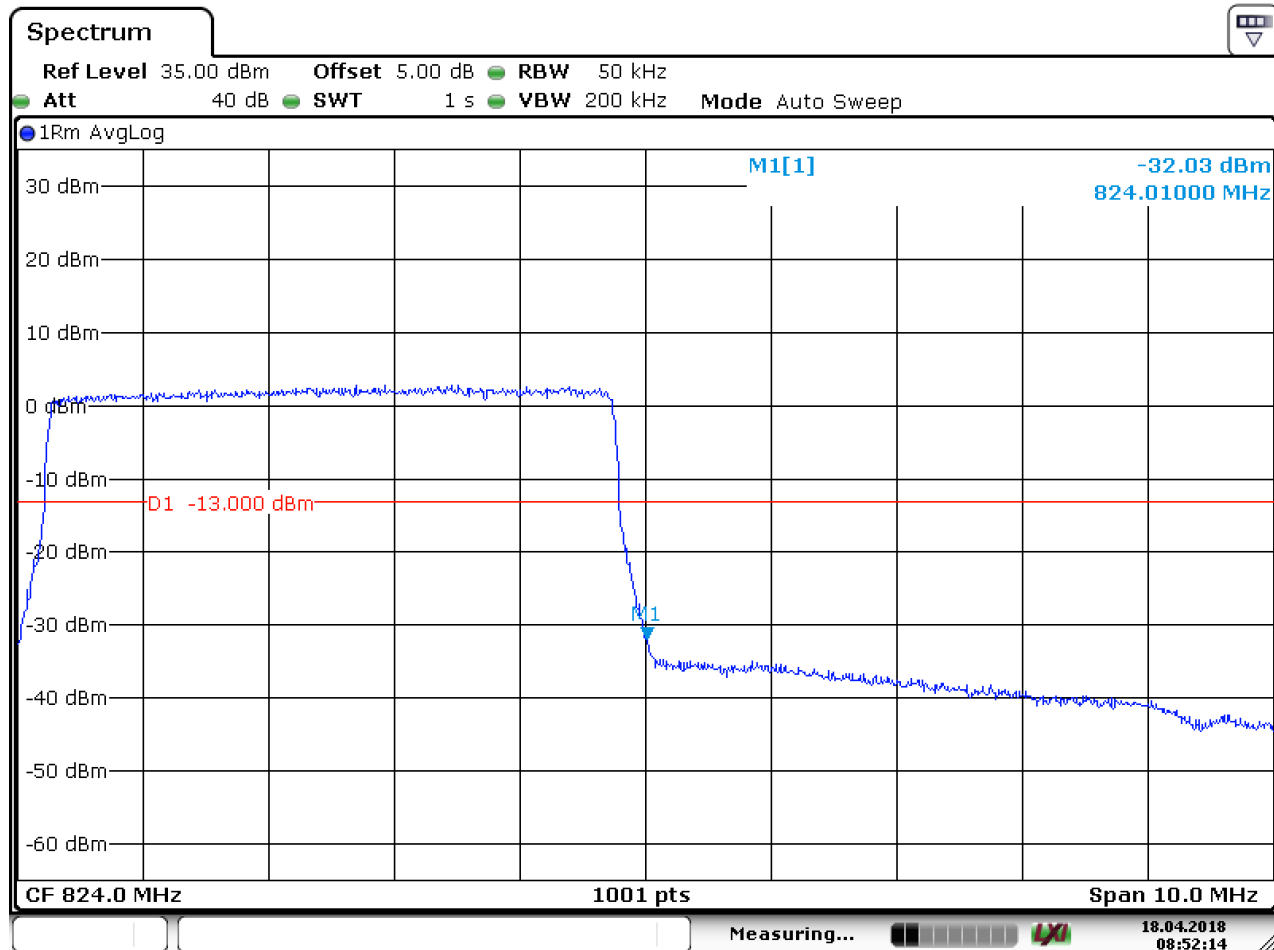
5.1.1.6.2.1 Test RB=1RB#24



Date: 18.APR.2018 08:51:50



5.1.1.6.2.2 Test RB=25RB#0

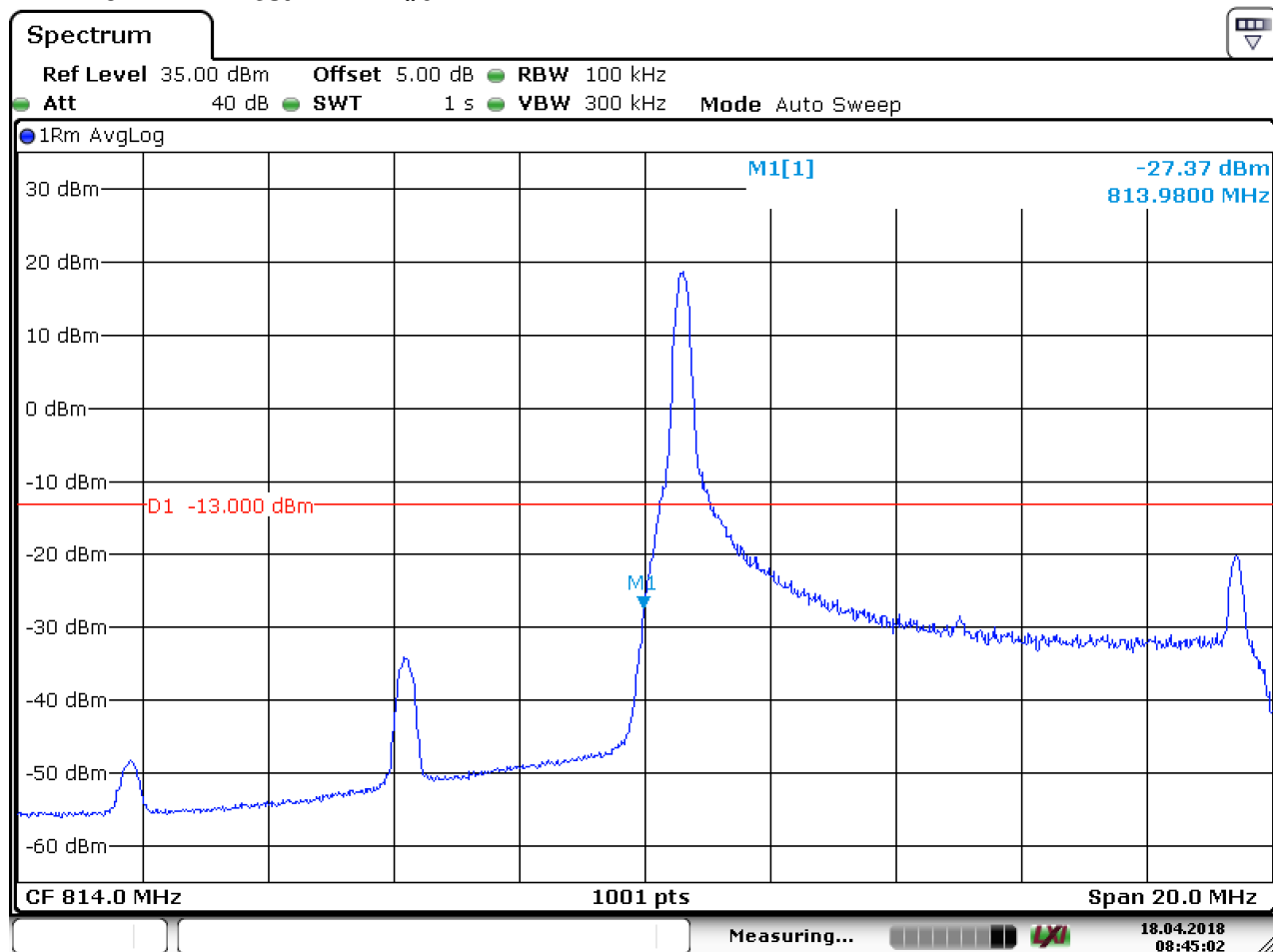


Date: 18.APR.2018 08:52:15



5.1.1.7 Test Mode = LTE/TM1 10MHz
5.1.1.7.1 Test Channel = LCH

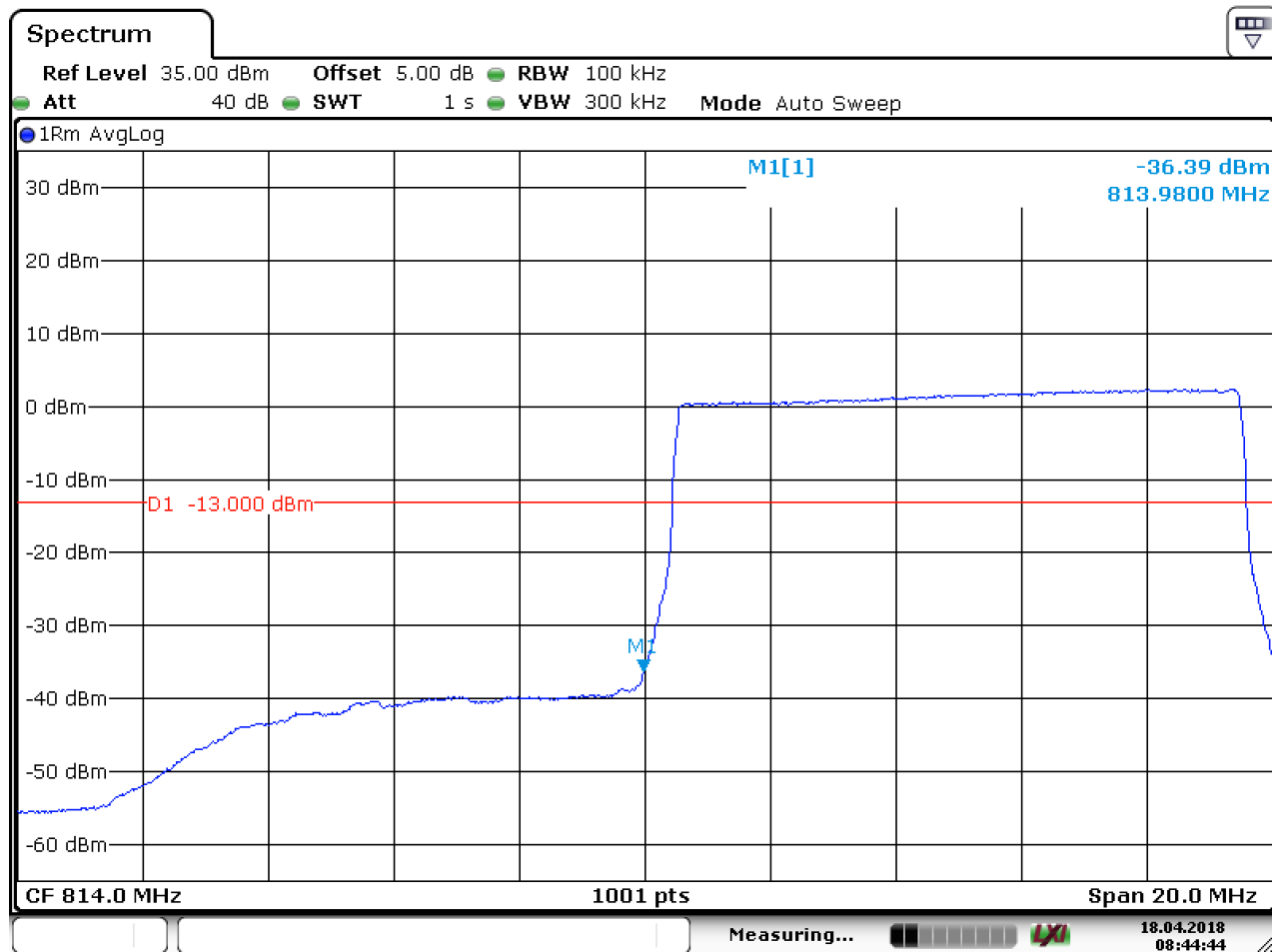
5.1.1.7.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:45:03



5.1.1.7.1.2 Test RB=50RB#0

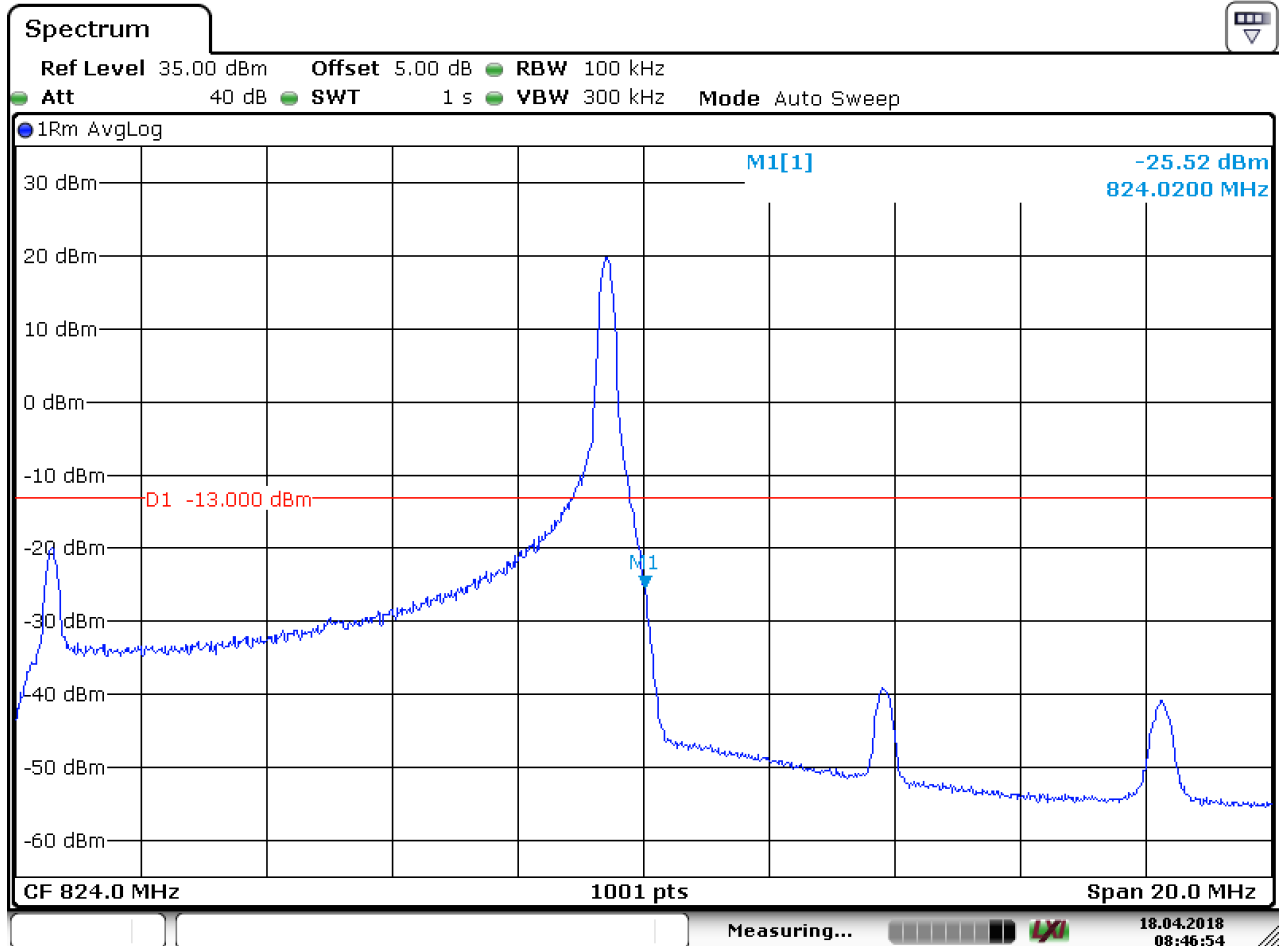


Date: 18.APR.2018 08:44:45



5.1.1.7.1 Test Channel = HCH

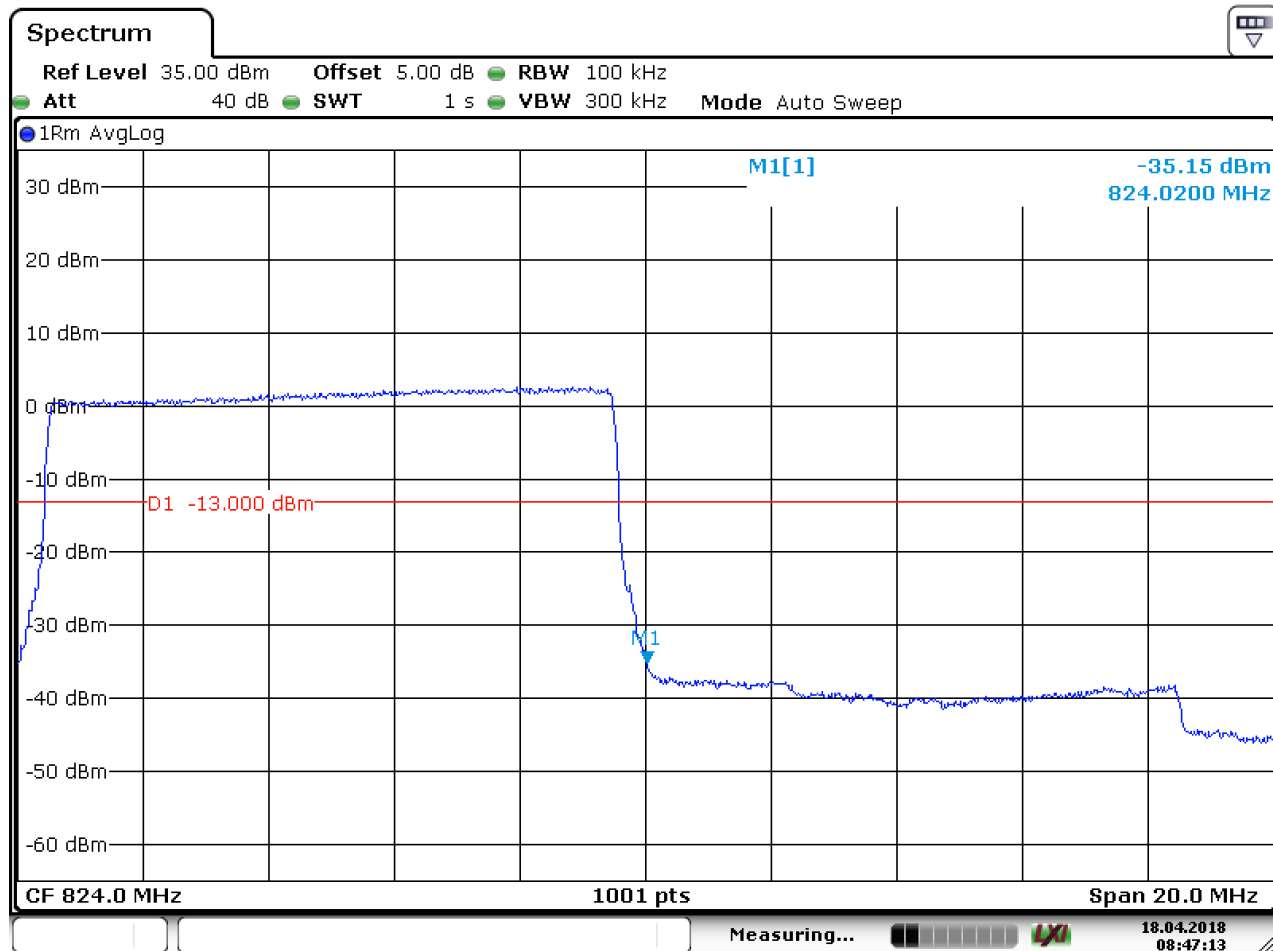
5.1.1.7.1.1 Test RB=1RB#49



Date: 18.APR.2018 08:46:54



5.1.1.7.1.2 Test RB=50RB#0



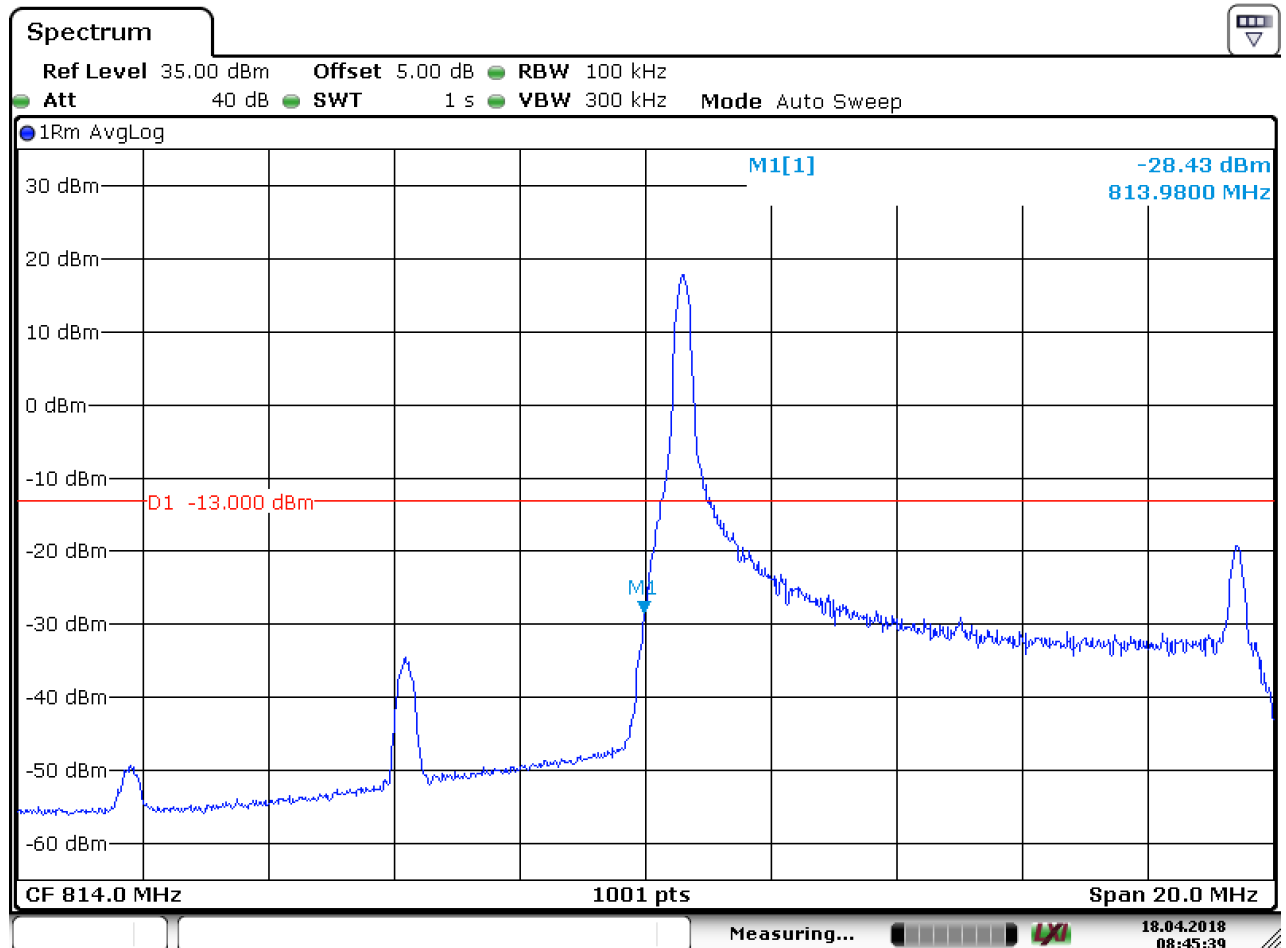
Date: 18.APR.2018 08:47:13



5.1.1.8 Test Mode = LTE/TM2 10MHz

5.1.1.8.1 Test Channel = LCH

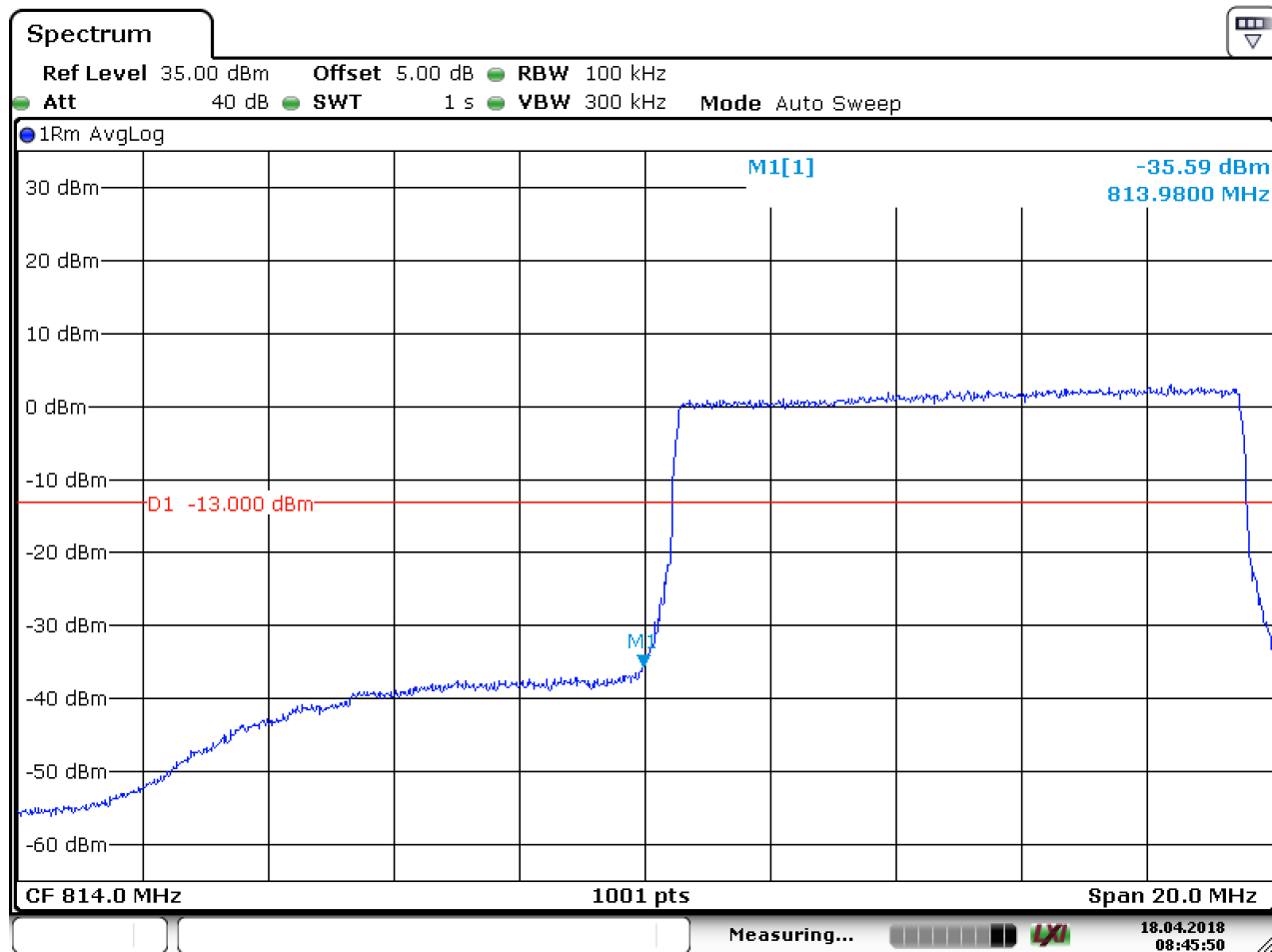
5.1.1.8.1.1 Test RB=1RB#0



Date: 18.APR.2018 08:45:39



5.1.1.8.1.2 Test RB=50RB#0

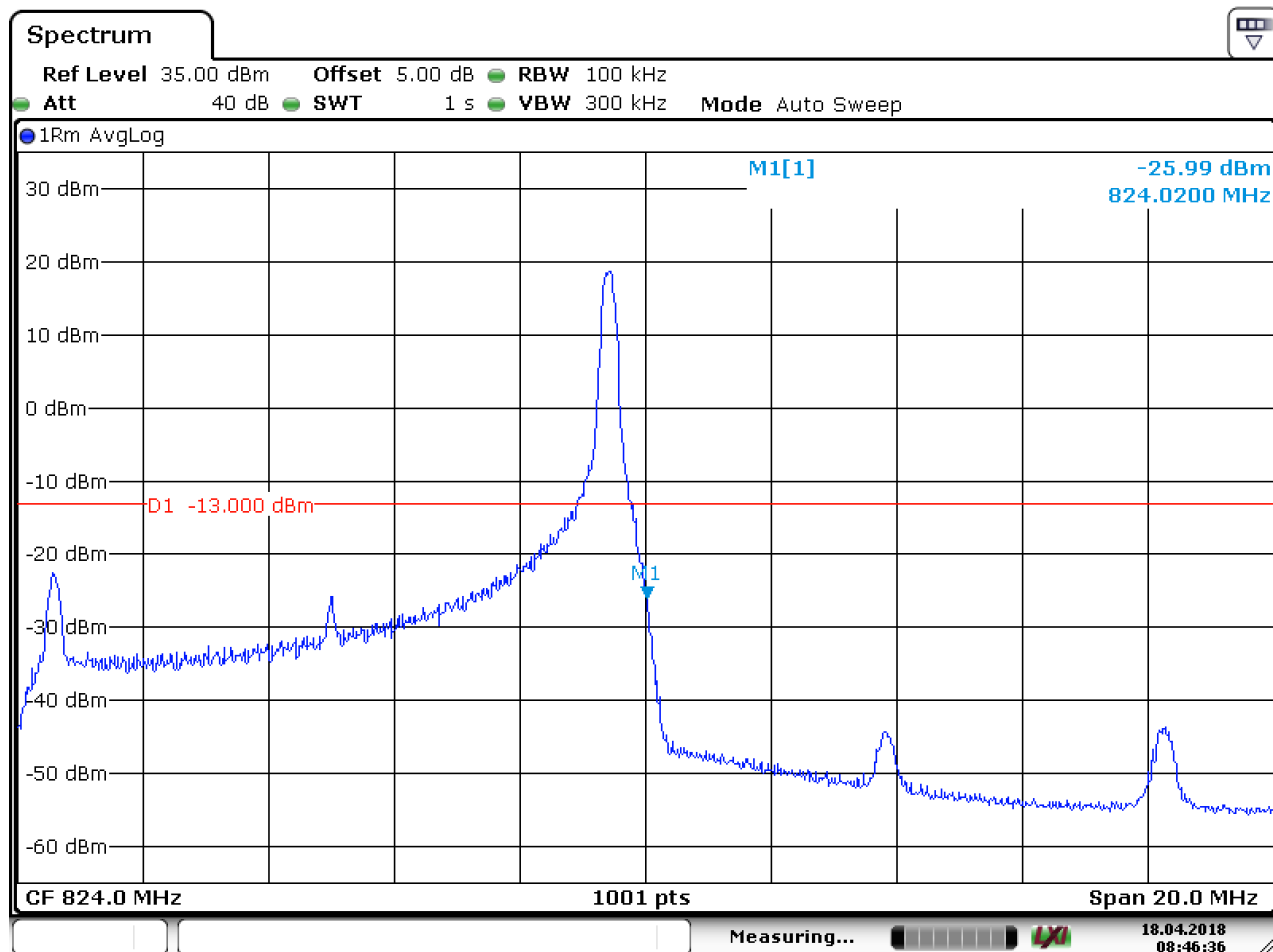


Date: 18.APR.2018 08:45:50



5.1.1.8.2 Test Channel = HCH

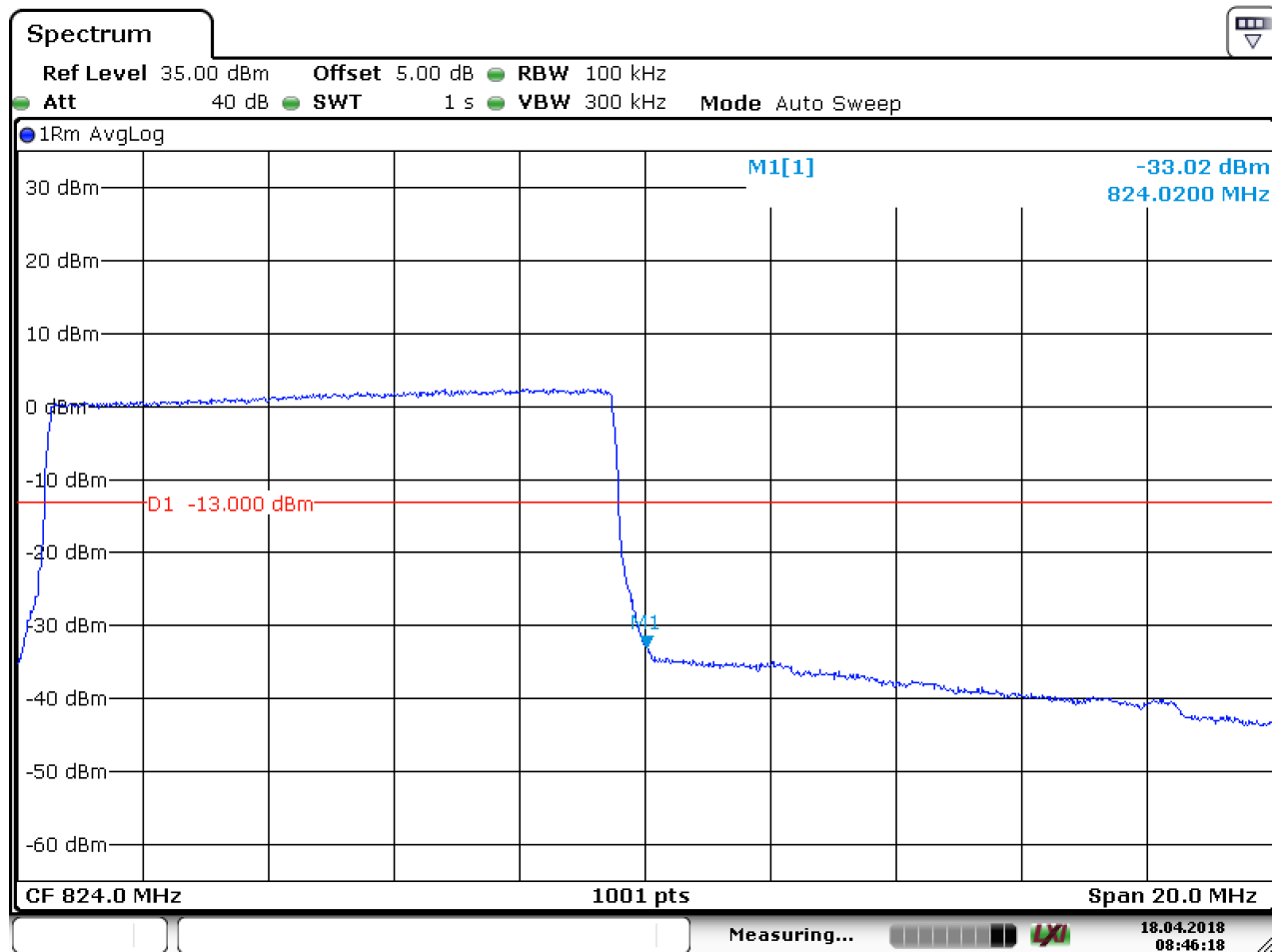
5.1.1.8.2.1 Test RB=1RB#49



Date: 18.APR.2018 08:46:37



5.1.1.8.2.2 Test RB=50RB#0



Date: 18.APR.2018 08:46:17

6 Emission Mask

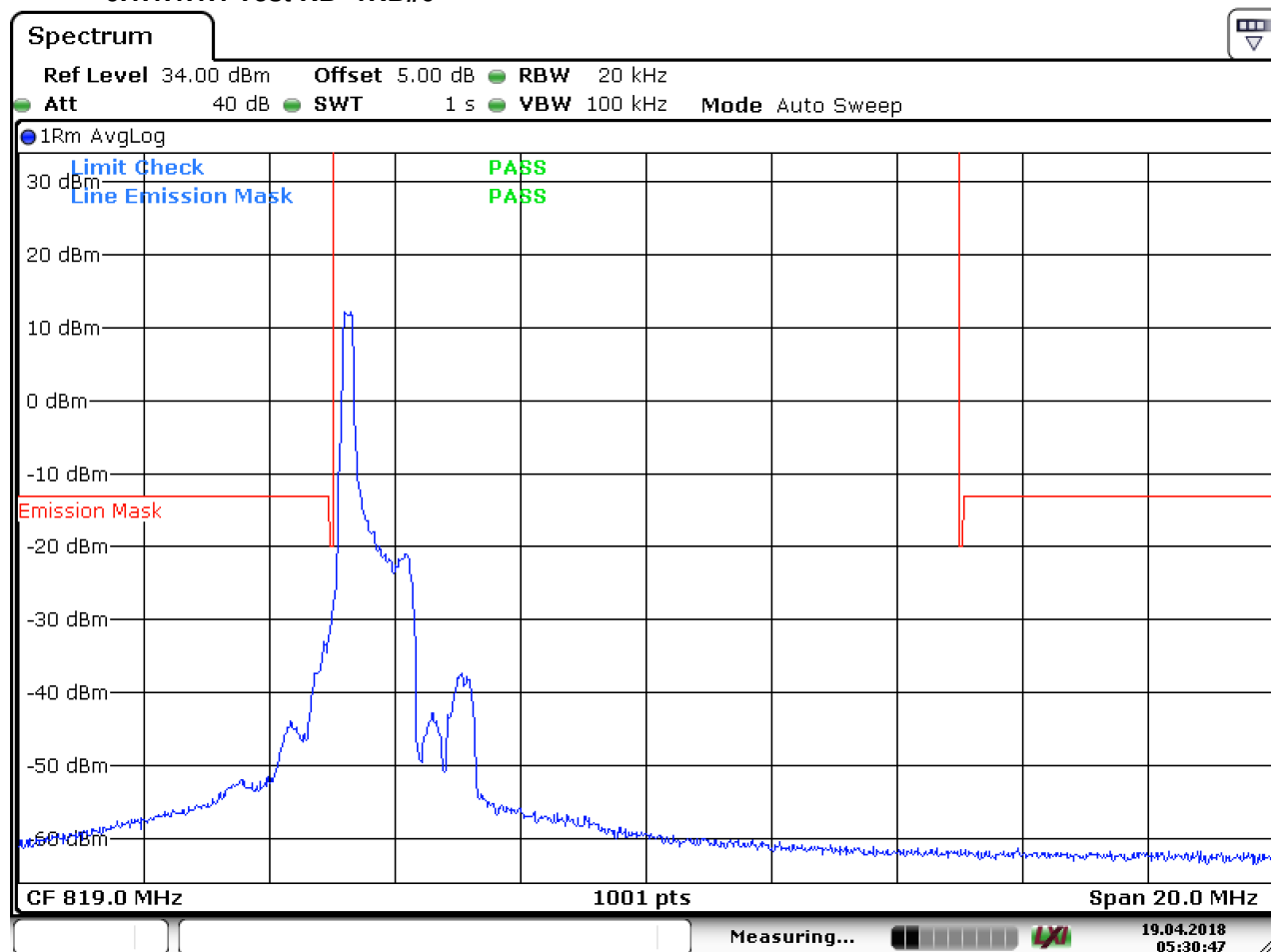
6.1 For LTE

6.1.1 Test Band = LTE band26

6.1.1.1 Test Mode = LTE/TM1 1.4MHz

6.1.1.1.1 Test Channel = LCH

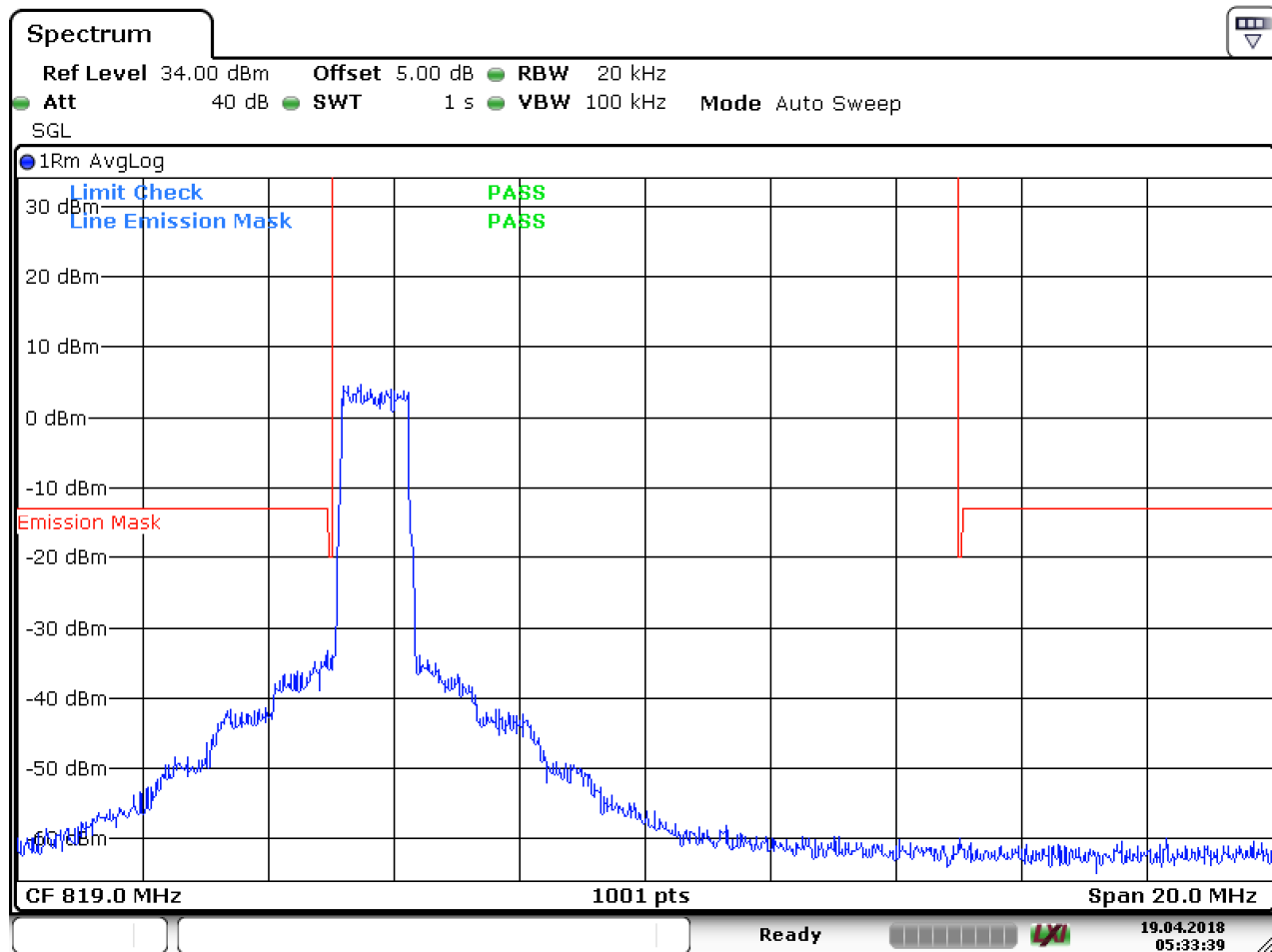
6.1.1.1.1.1 Test RB=1RB#0



Date: 19.APR.2018 05:30:47



6.1.1.1.2 Test RB=6RB

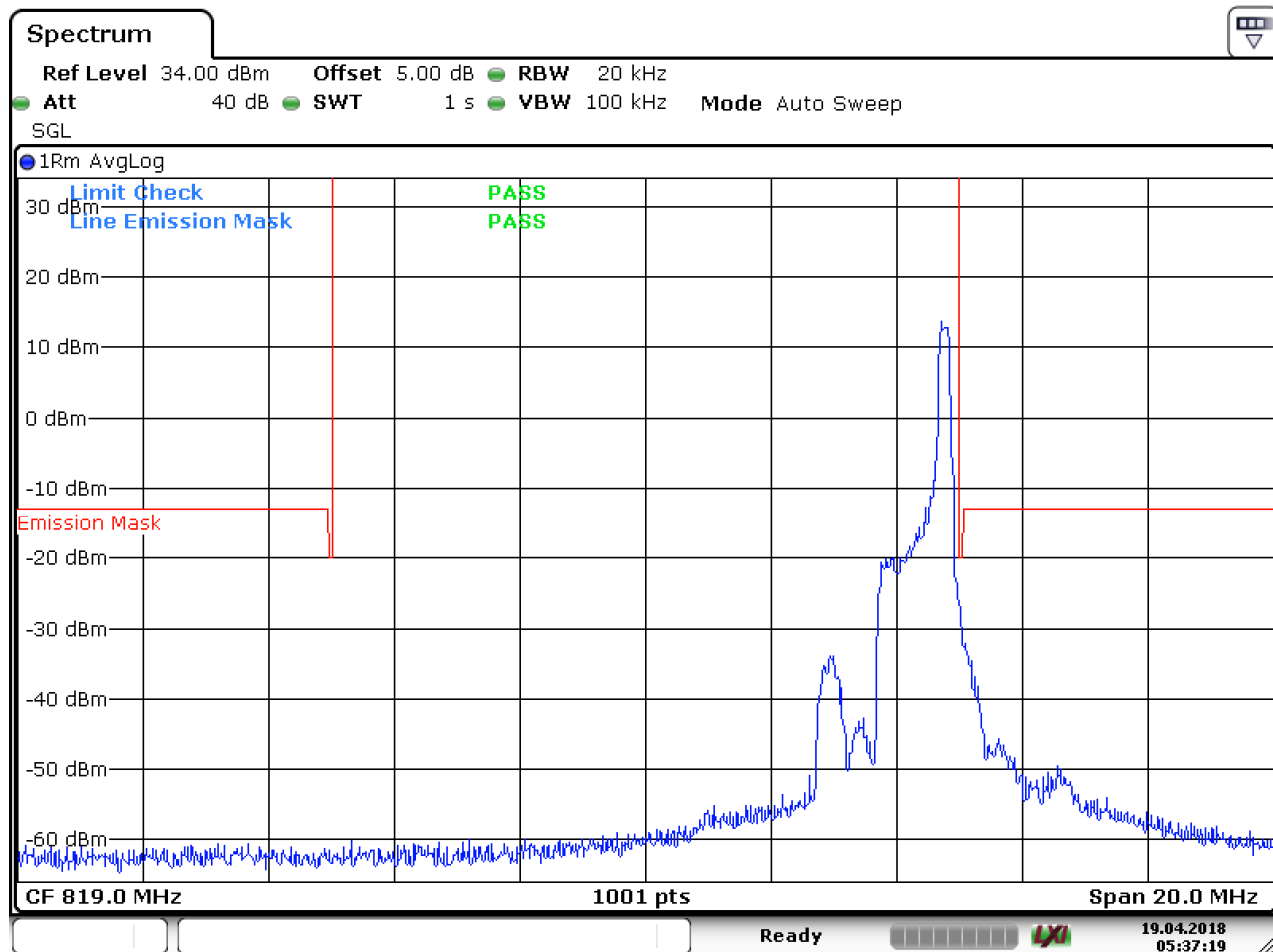


Date: 19.APR.2018 05:33:40



6.1.1.1.2 Test Channel = HCH

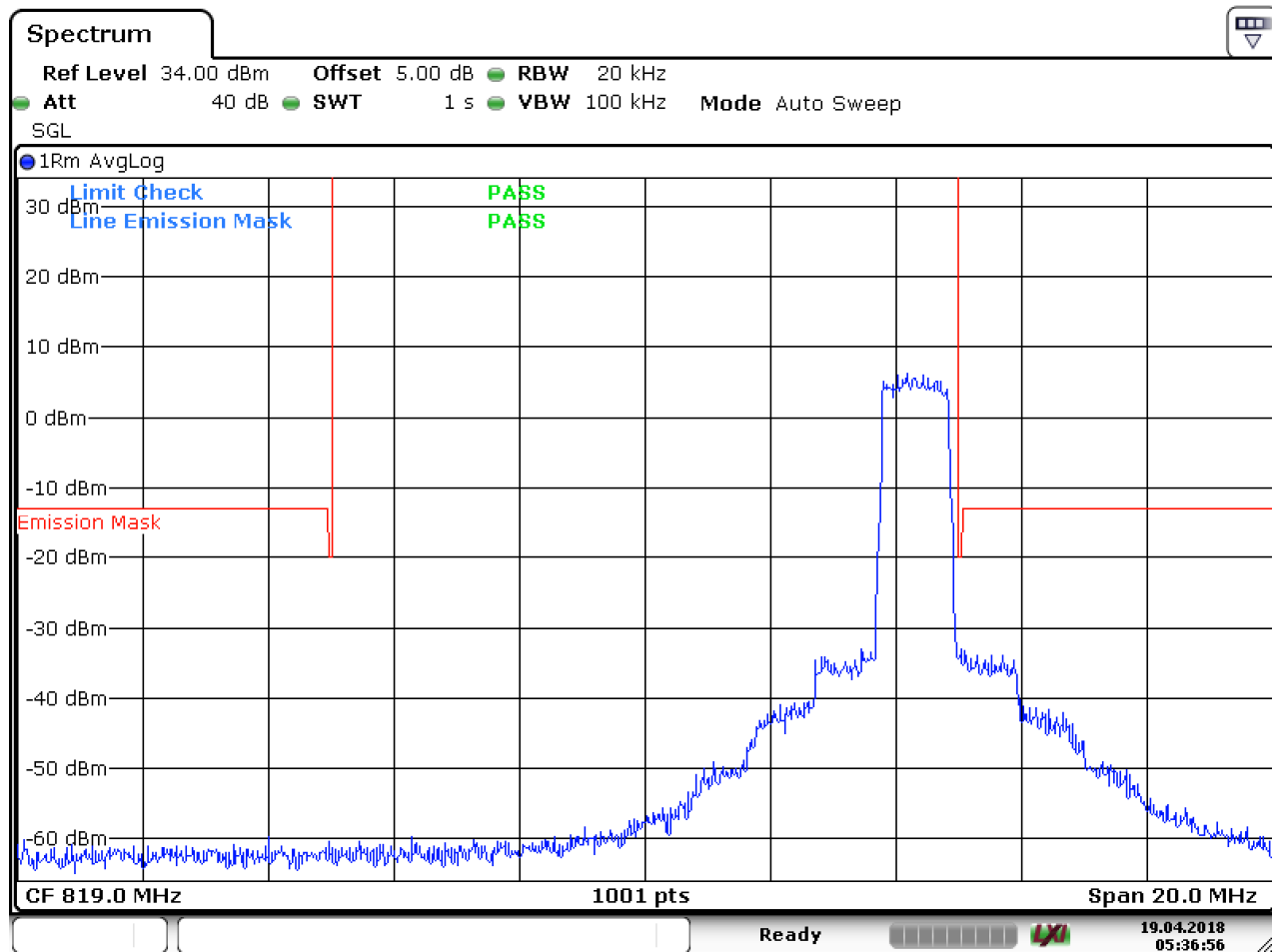
6.1.1.1.2.1 Test RB=1RB



Date: 19.APR.2018 05:37:20



6.1.1.1.2.2 Test RB=6RB

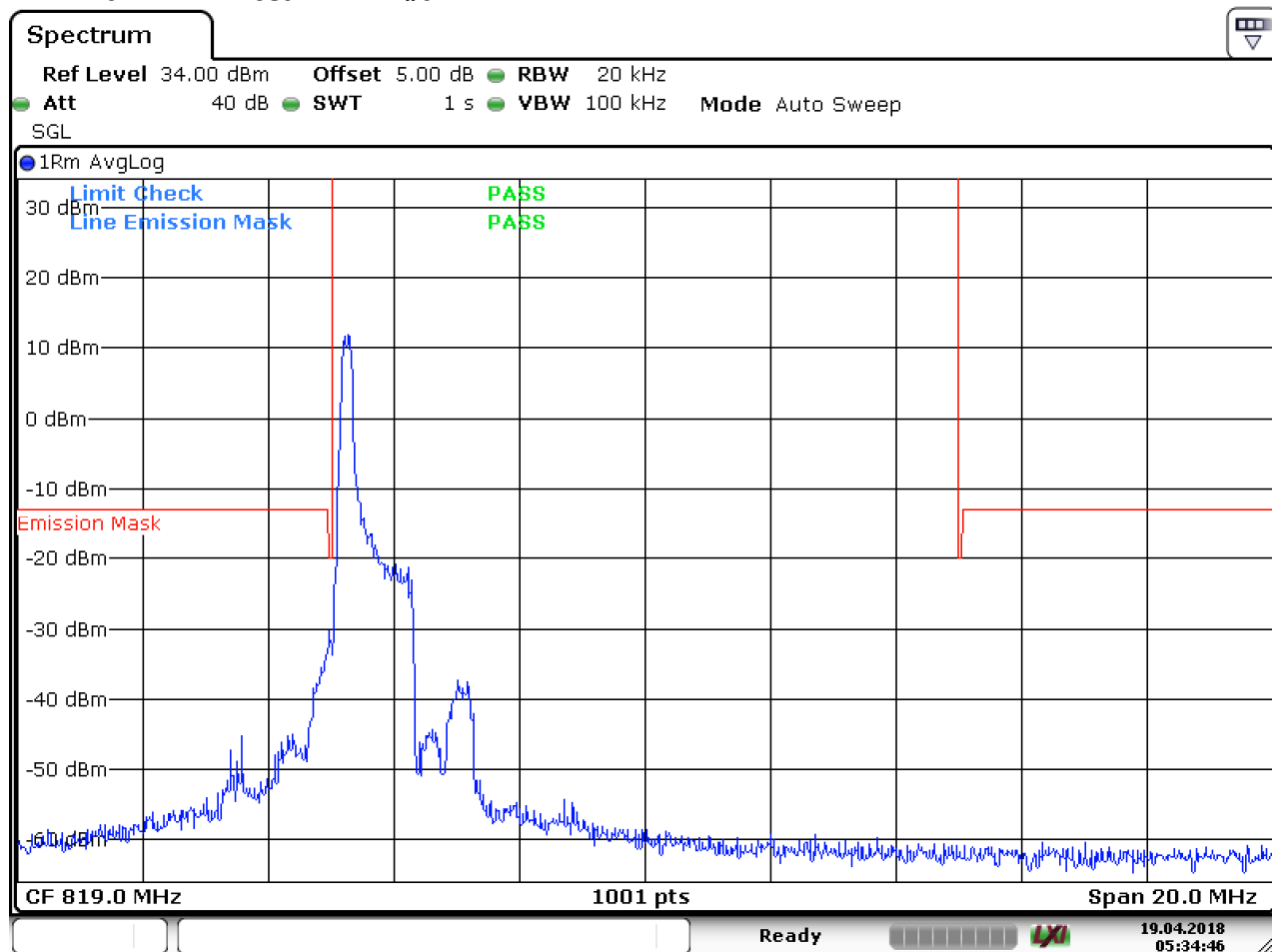


Date: 19.APR.2018 05:36:57



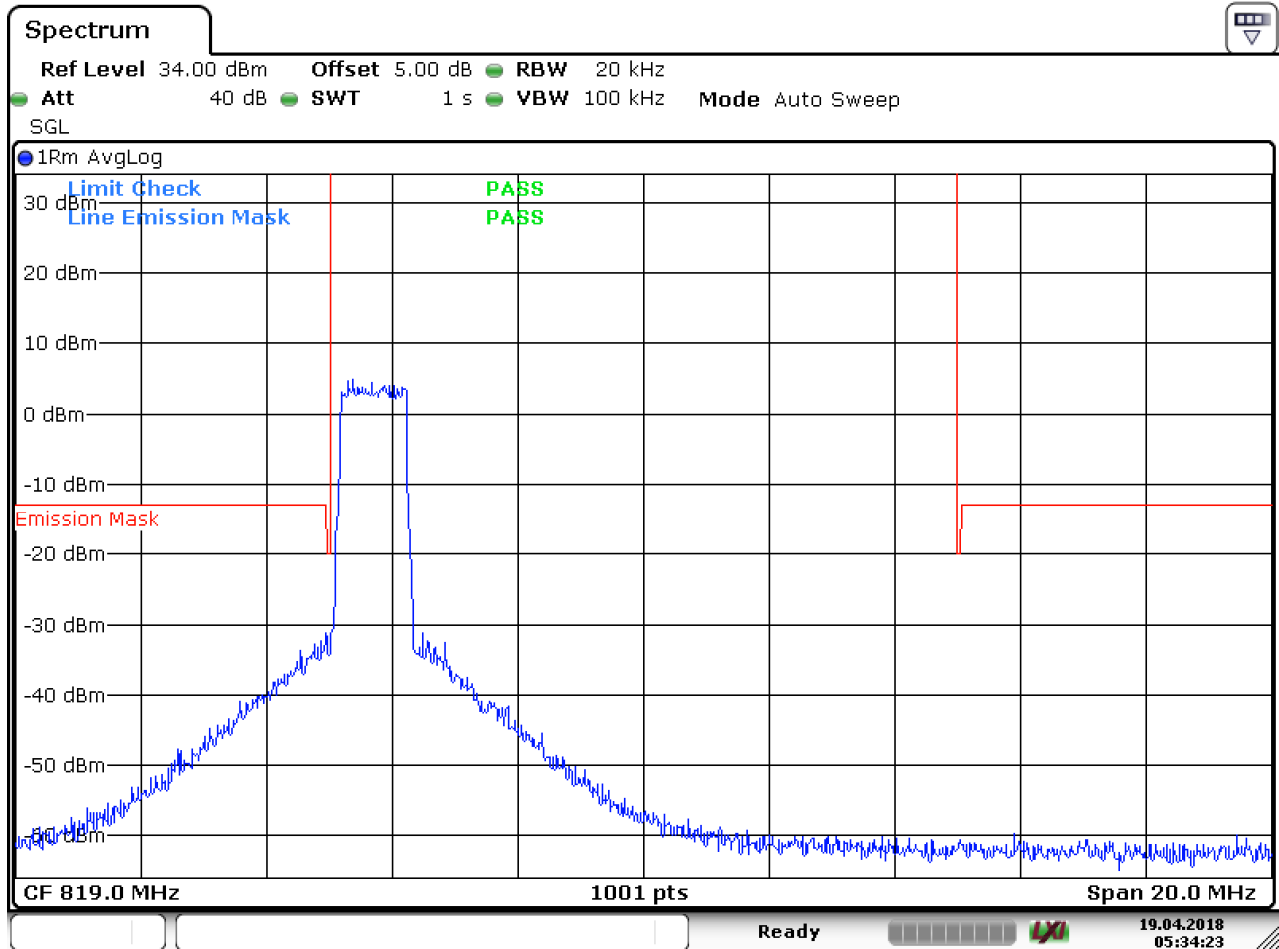
6.1.1.2 Test Mode = LTE/TM2 1.4MHz
6.1.1.2.1 Test Channel = LCH

6.1.1.2.1.1 Test RB=1RB#0



Date: 19.APR.2018 05:34:47

6.1.1.2.1.2 Test RB=6RB

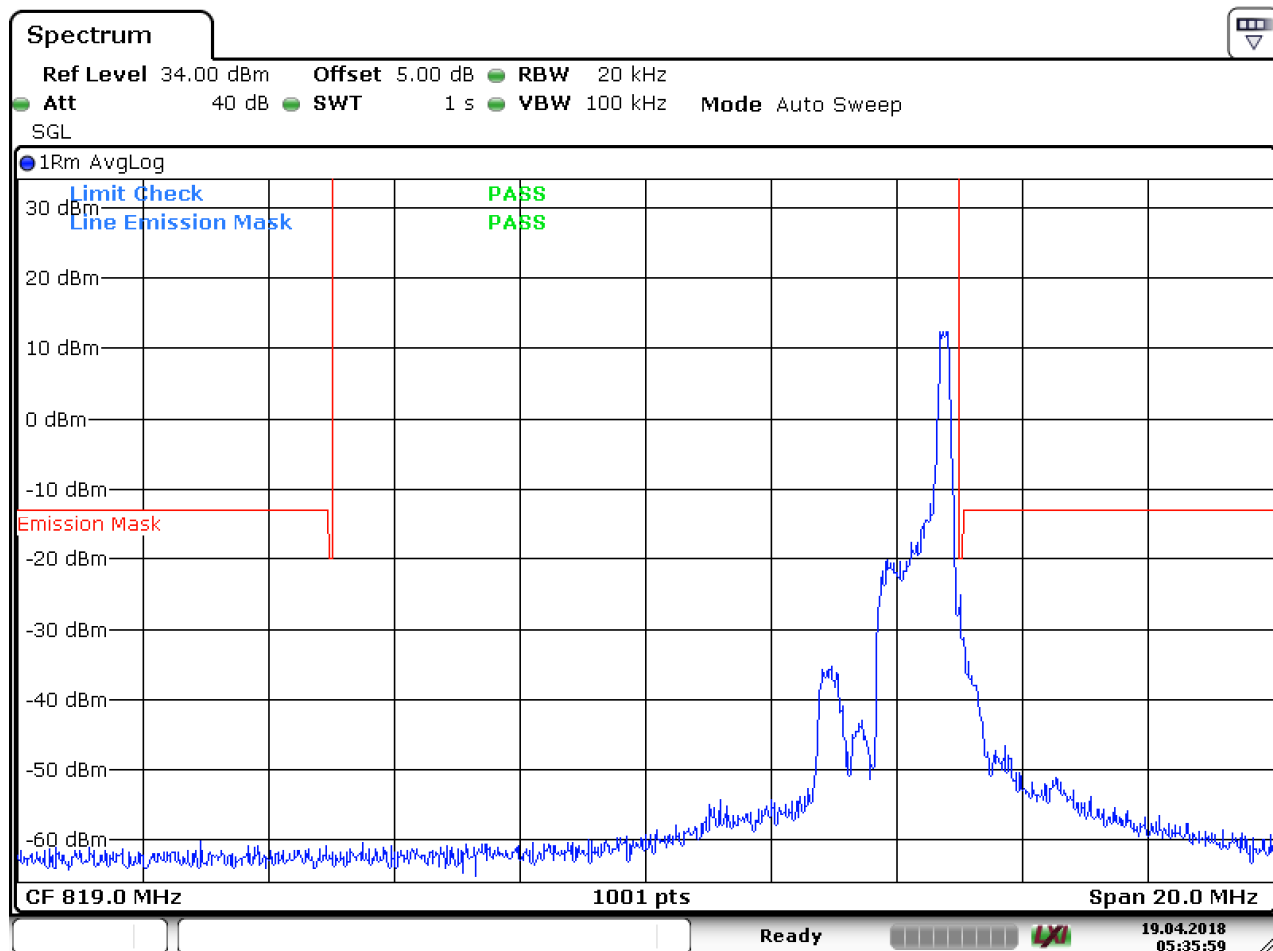


Date: 19.APR.2018 05:34:24



6.1.1.2.2 Test Channel = HCH

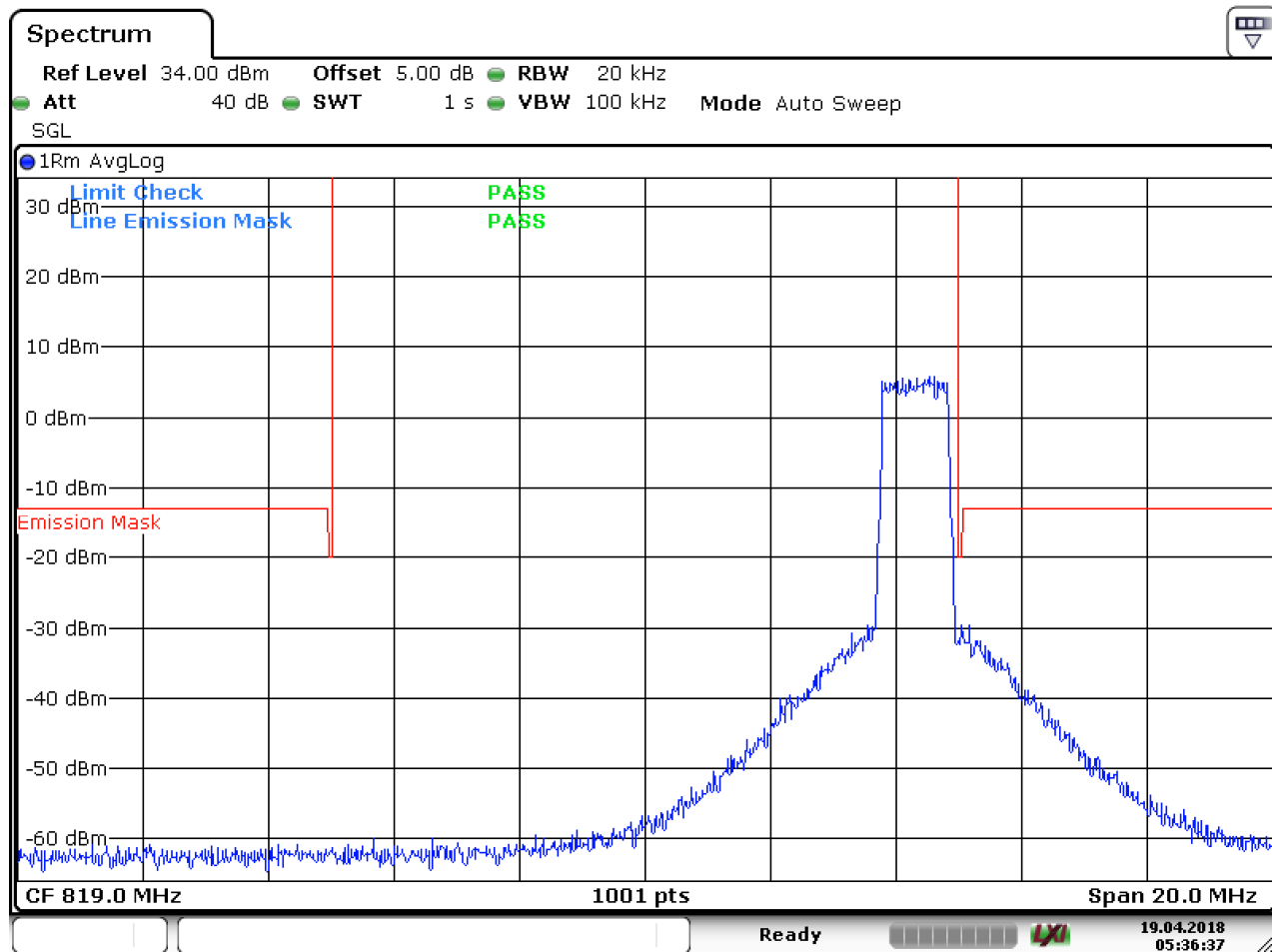
6.1.1.2.2.1 Test RB=1RB



Date: 19.APR.2018 05:36:00



6.1.1.2.2.2 Test RB=6RB

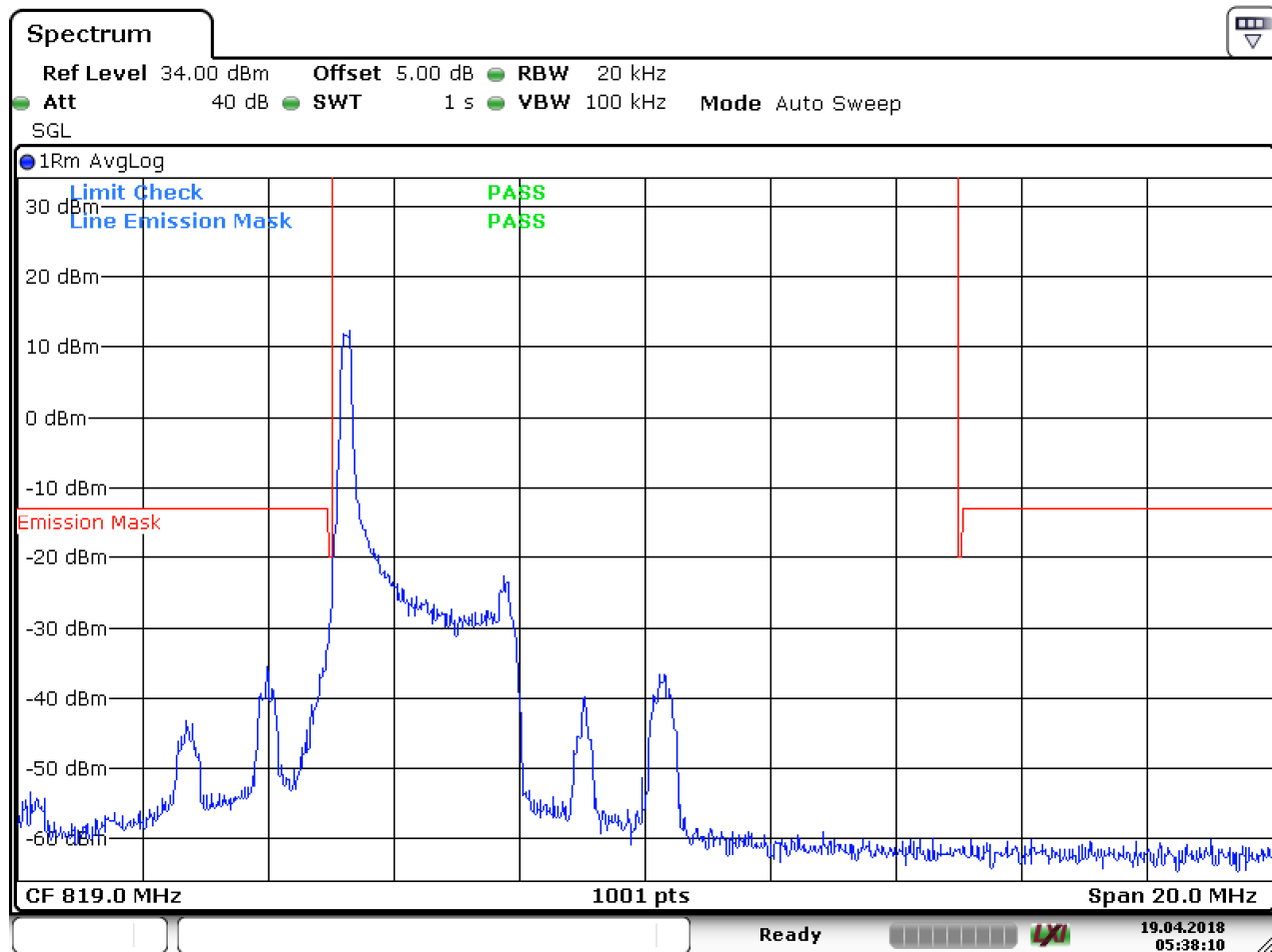


Date: 19.APR.2018 05:36:38



6.1.1.3 Test Mode = LTE/TM1 3MHz
6.1.1.3.1 Test Channel = LCH

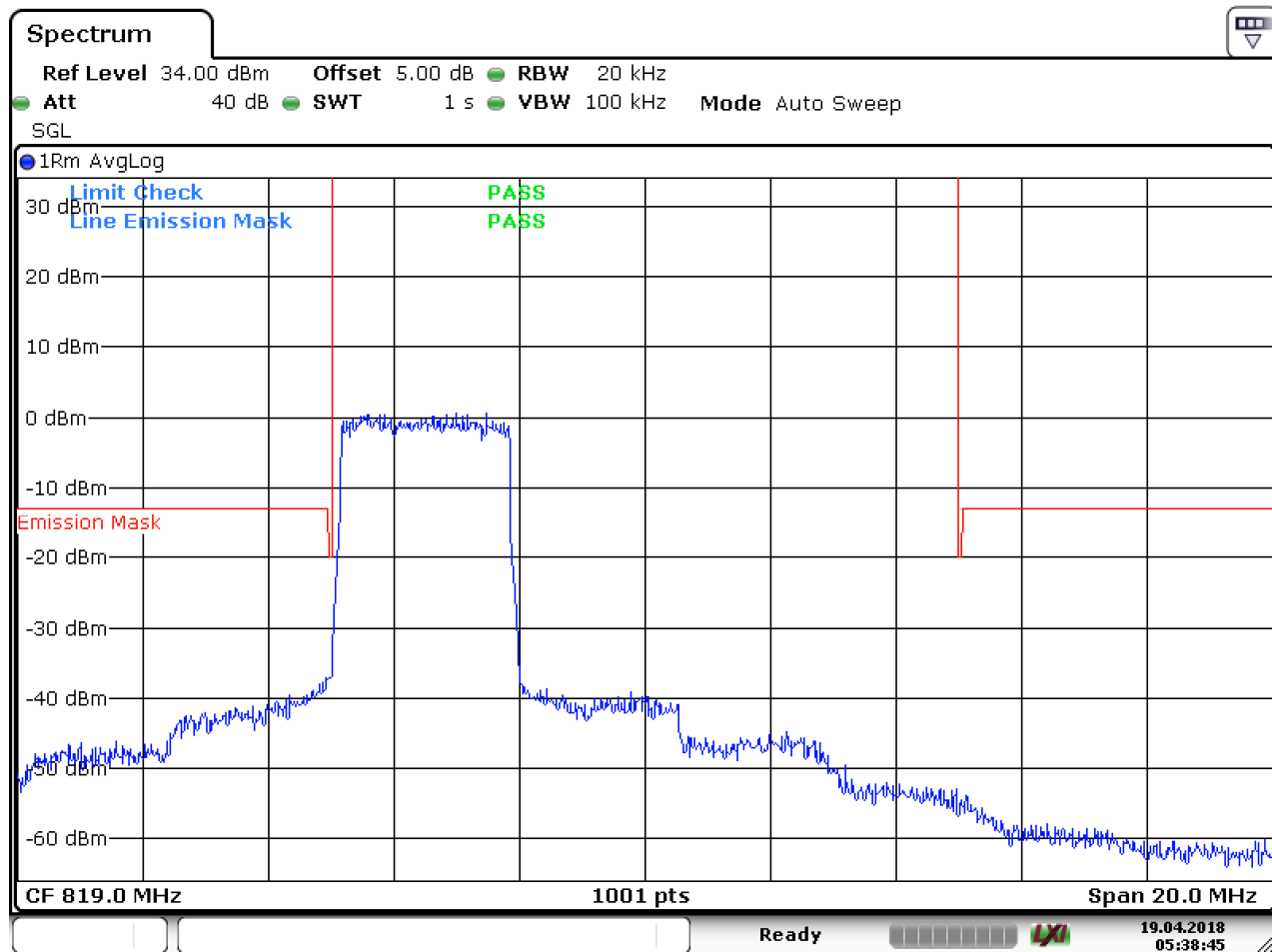
6.1.1.3.1.1 Test RB=1RB#0



Date: 19.APR.2018 05:38:11



6.1.1.3.1.2 Test RB=15RB

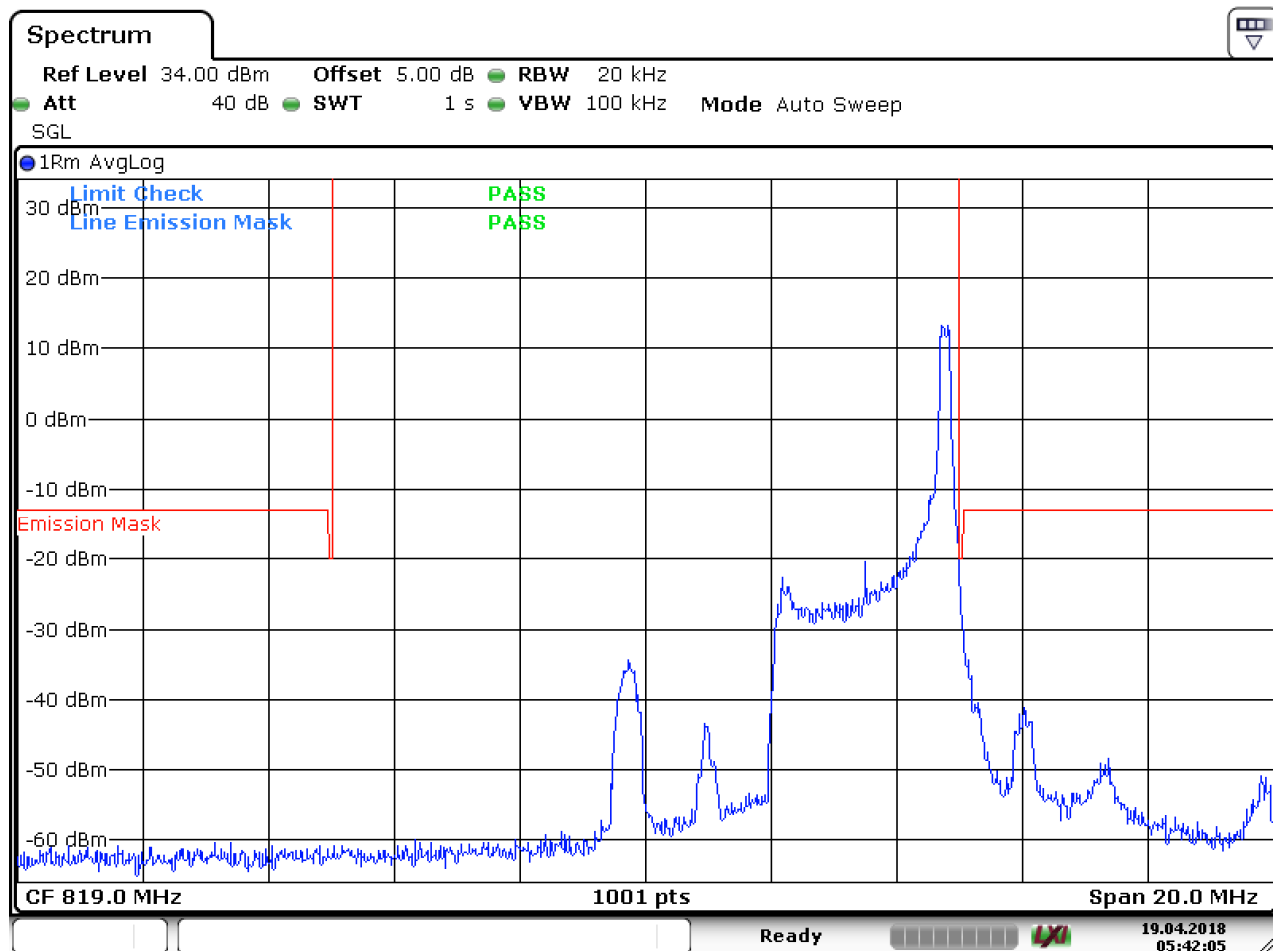


Date: 19.APR.2018 05:38:45



6.1.1.3.2 Test Channel = HCH

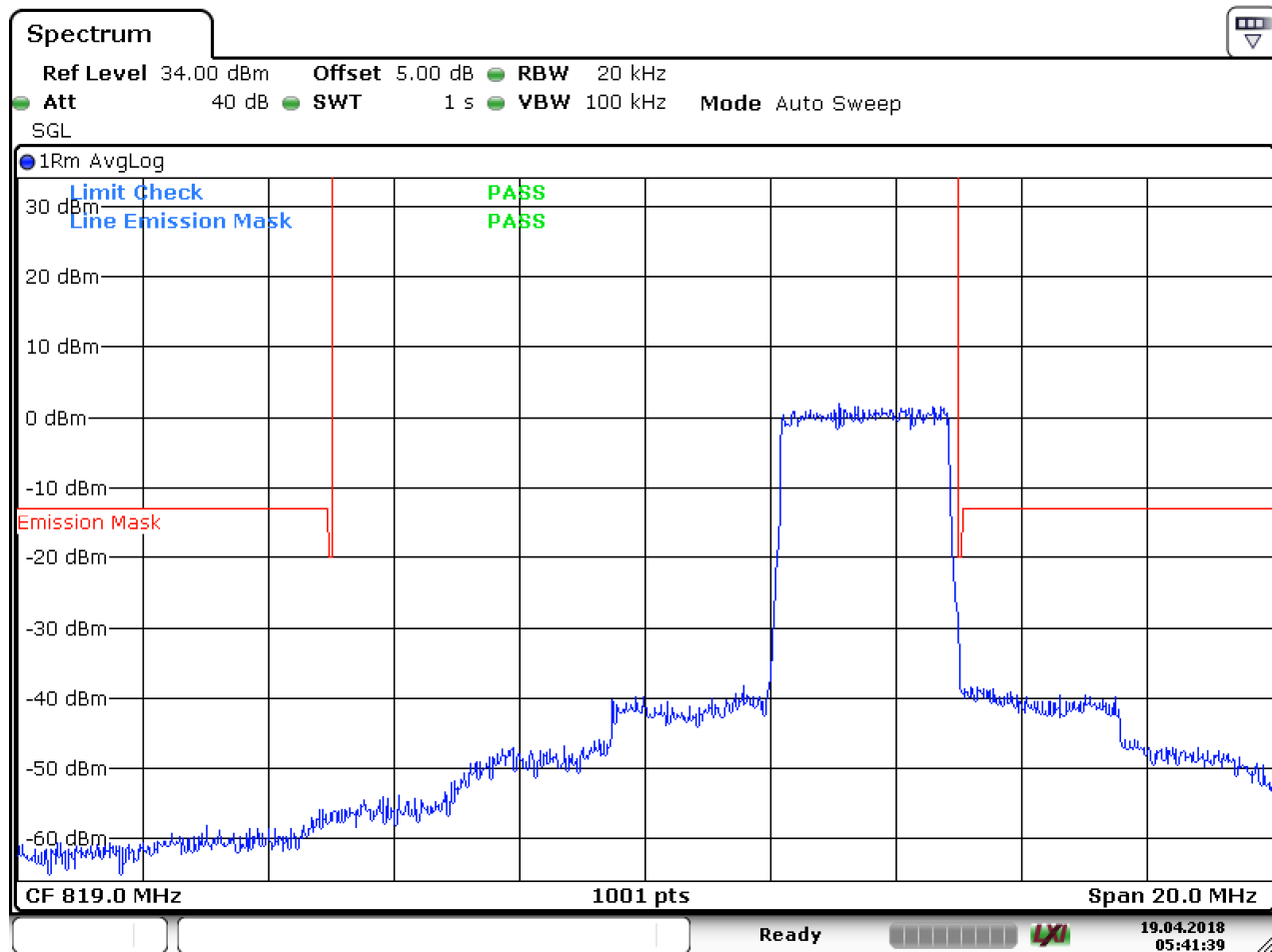
6.1.1.3.2.1 Test RB=1RB#14



Date: 19.APR.2018 05:42:06



6.1.1.3.2.2 Test RB=15RB



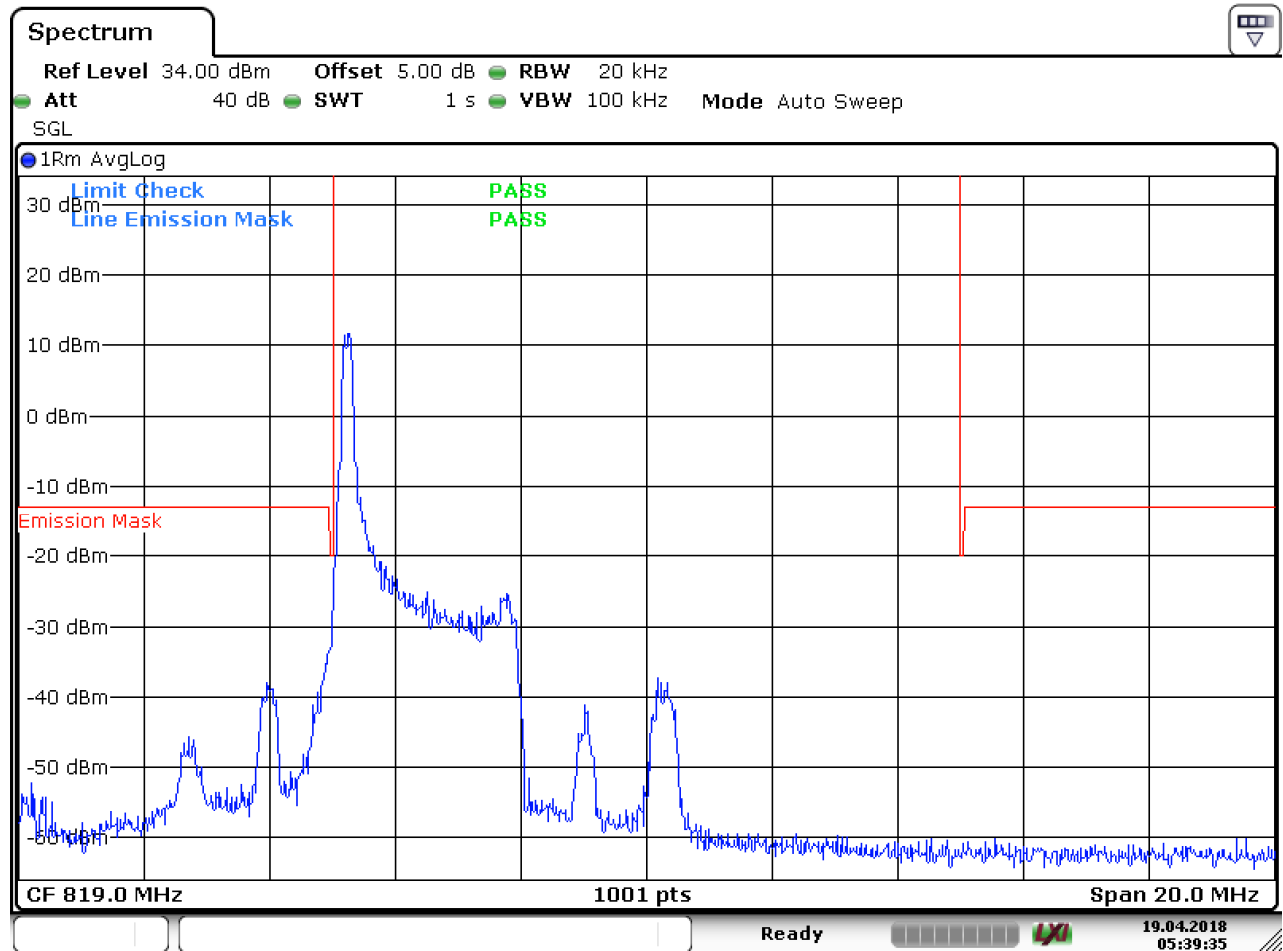
Date: 19.APR.2018 05:41:39



6.1.1.4 Test Mode = LTE/TM2 3MHz

6.1.1.4.1 Test Channel = LCH

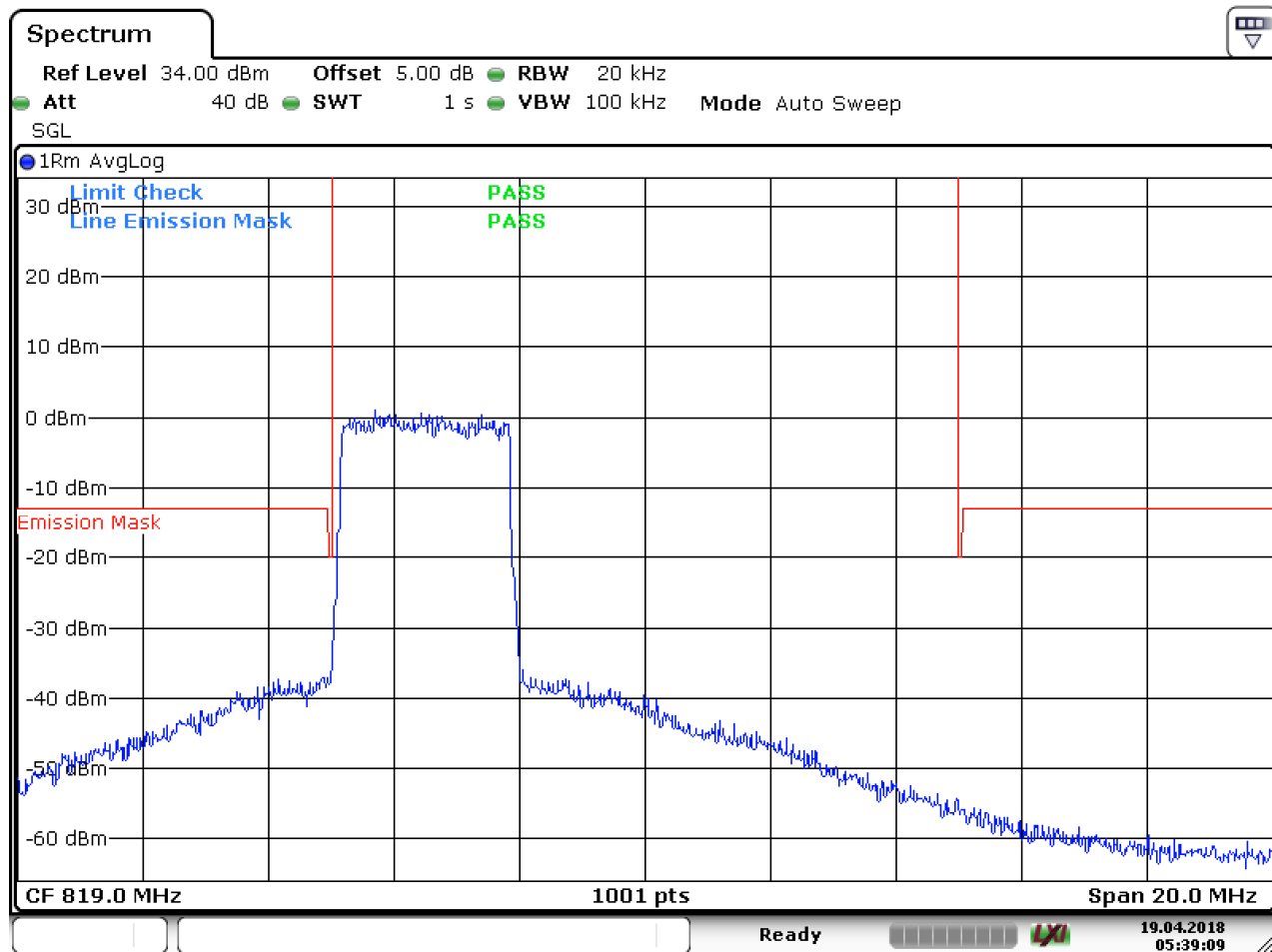
6.1.1.4.1.1 Test RB=1RB#0



Date: 19.APR.2018 05:39:36



6.1.1.4.1.2 Test RB=15RB

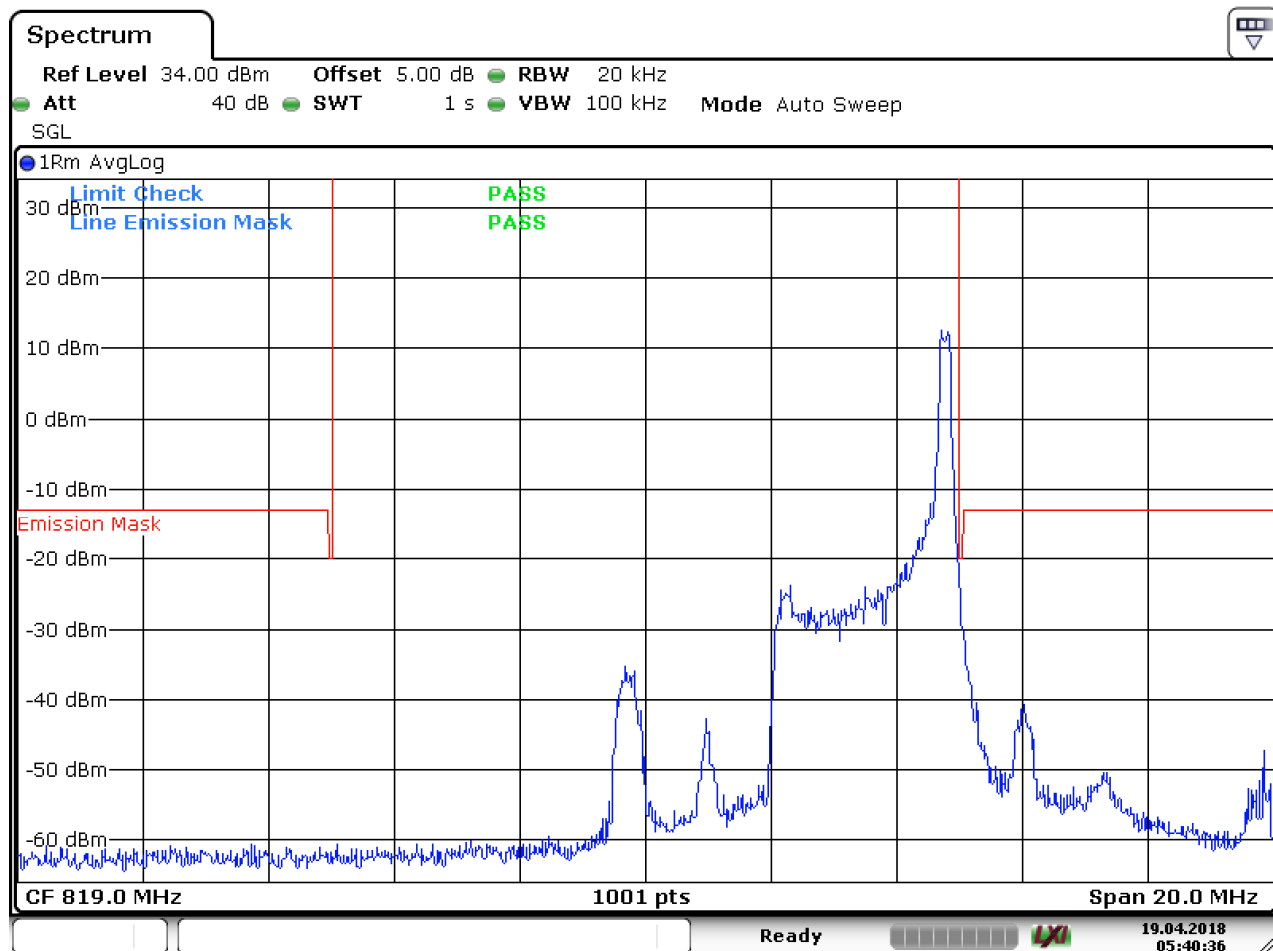


Date: 19.APR.2018 05:39:09



6.1.1.4.2 Test Channel = HCH

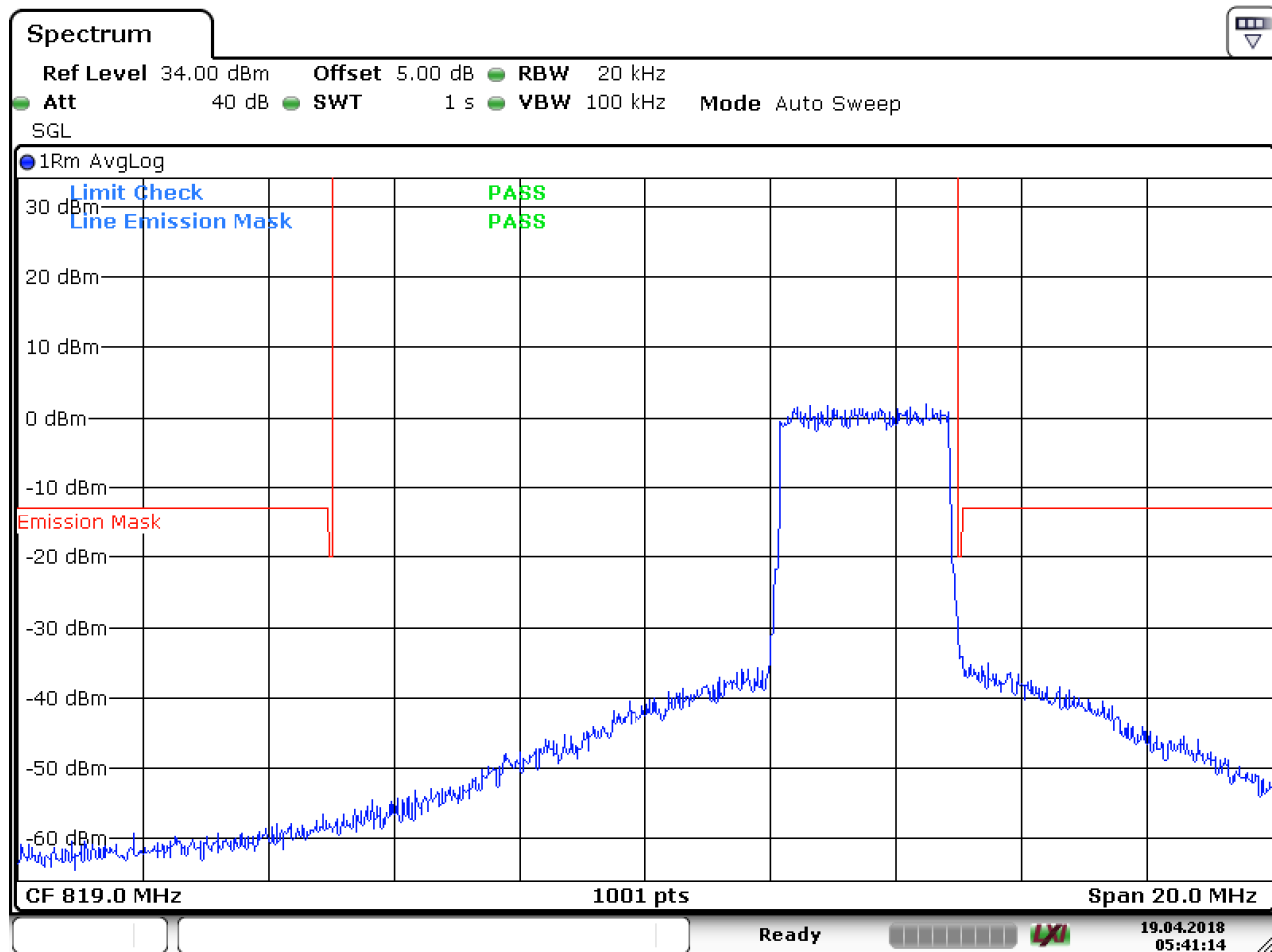
6.1.1.4.2.1 Test RB=1RB#14



Date: 19.APR.2018 05:40:36



6.1.1.4.2.2 Test RB=15RB



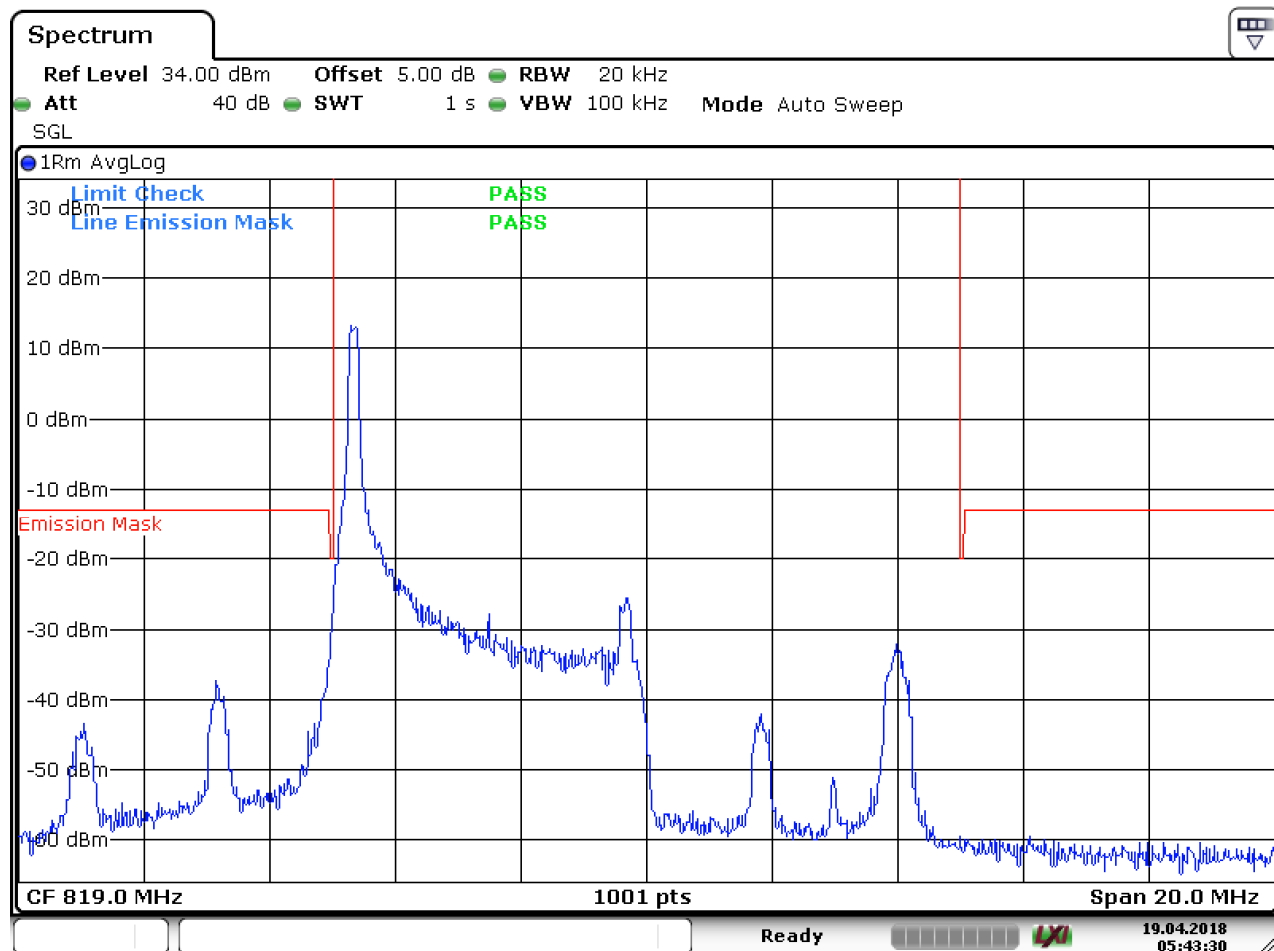
Date: 19.APR.2018 05:41:14



Test Mode = LTE/TM1 5MHz

6.1.1.4.3 Test Channel = LCH

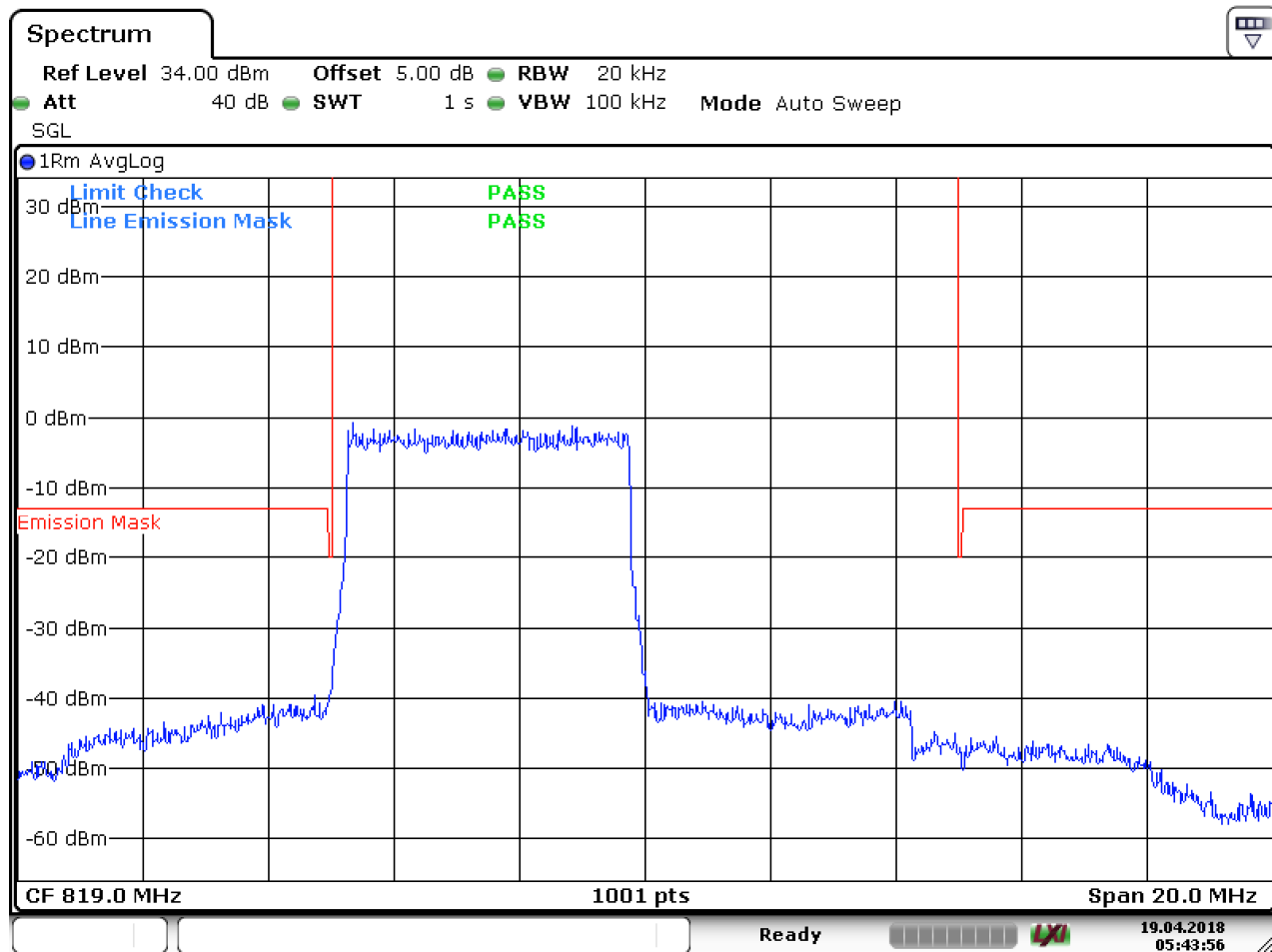
6.1.1.4.3.1 Test RB=1RB#0



Date: 19.APR.2018 05:43:30



6.1.1.4.3.2 Test RB=25RB

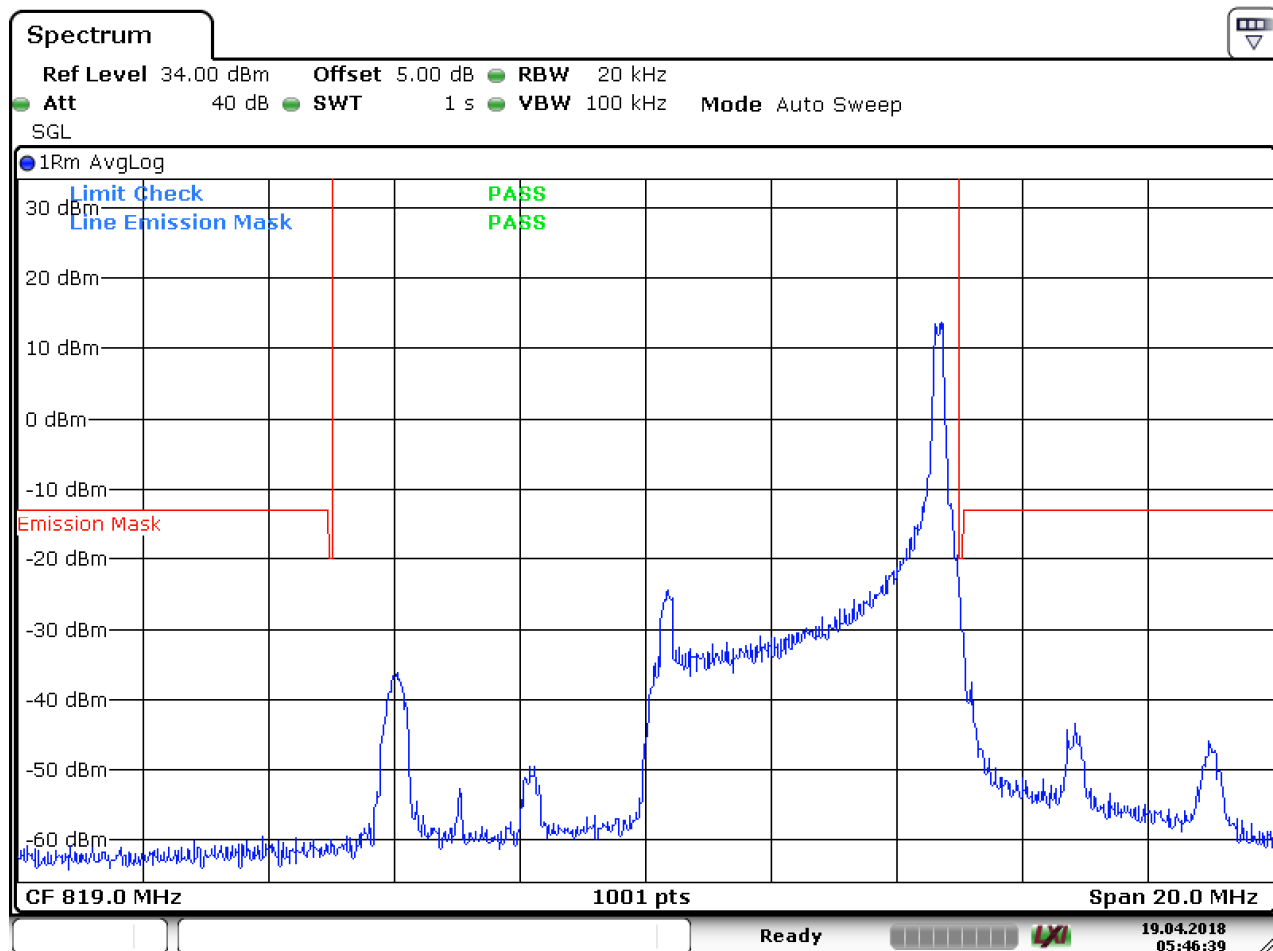


Date: 19.APR.2018 05:43:56



6.1.1.4.4 Test Channel = HCH

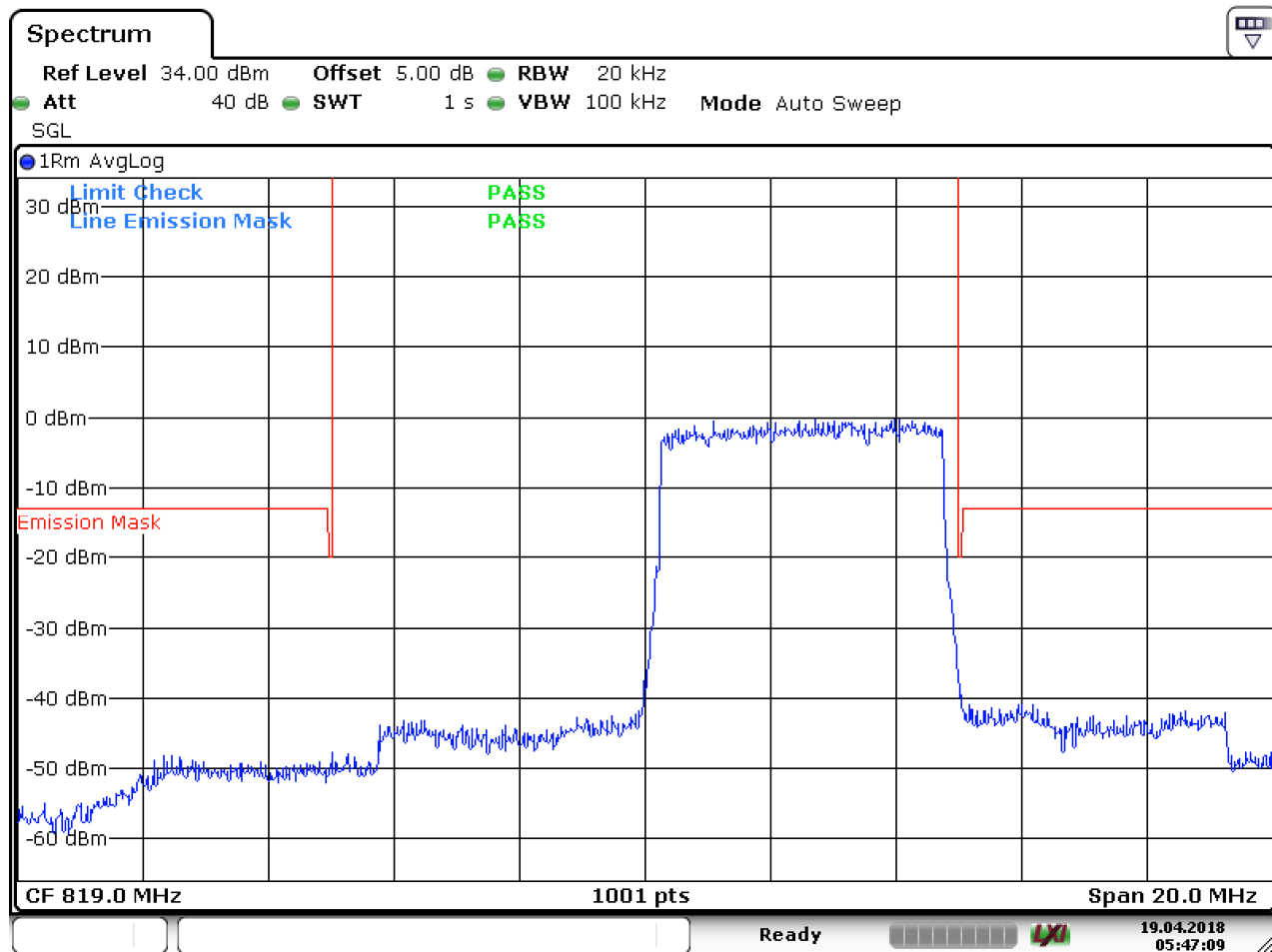
6.1.1.4.4.1 Test RB=1RB#24



Date: 19.APR.2018 05:46:39



6.1.1.4.4.2 Test RB=25RB

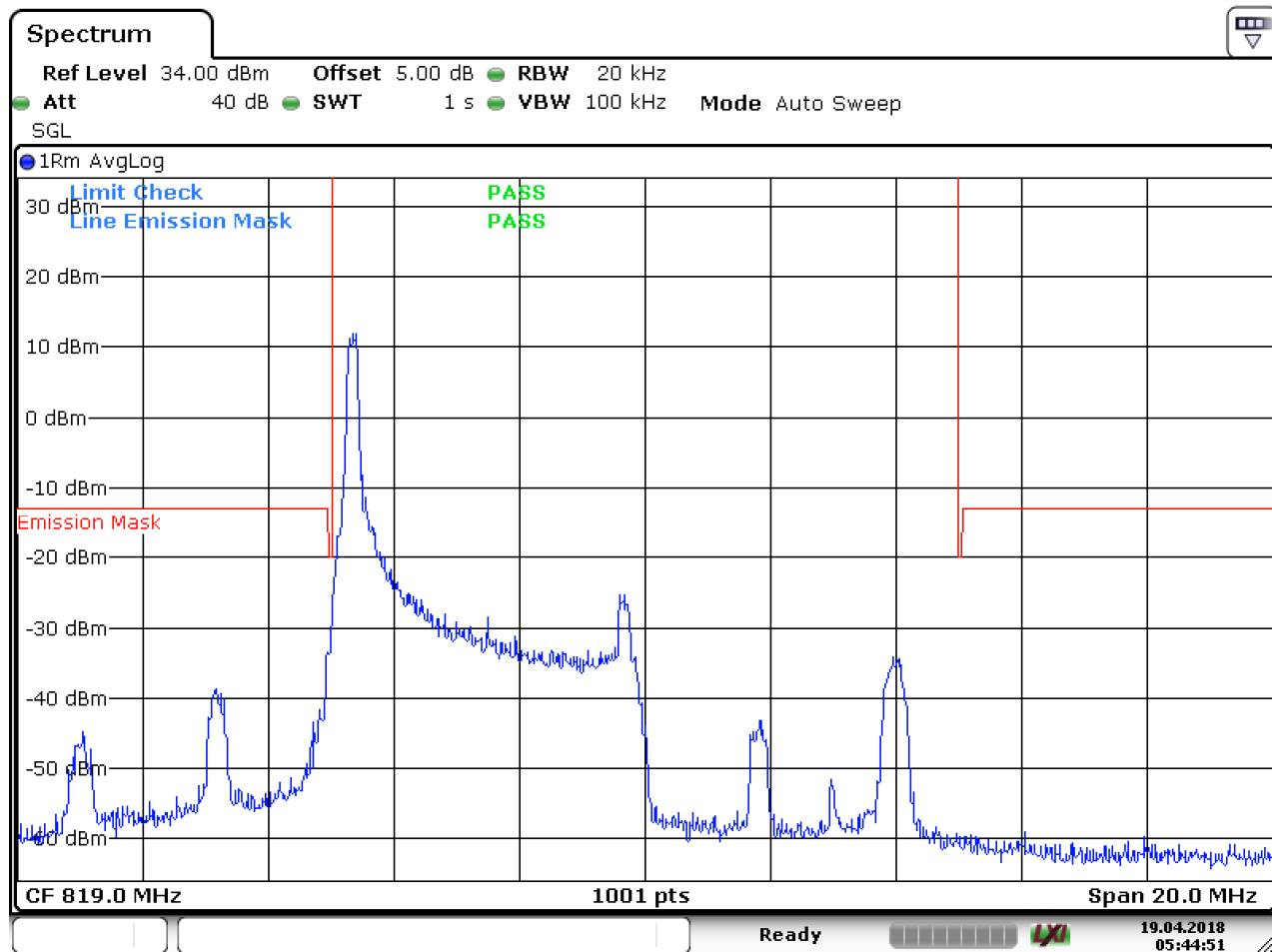


Date: 19.APR.2018 05:47:09



6.1.1.5 Test Mode = LTE/TM2 5MHz
6.1.1.5.1 Test Channel = LCH

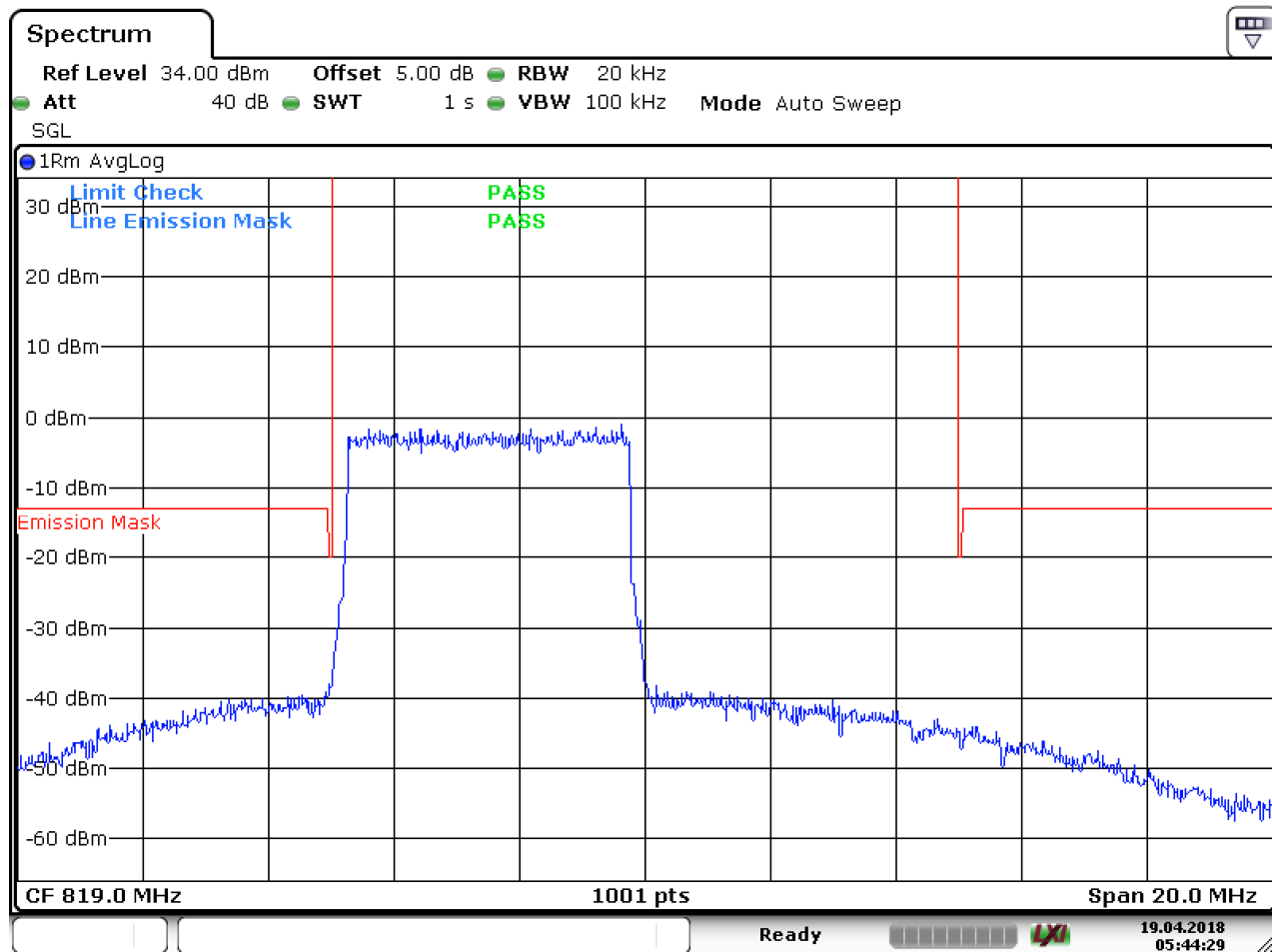
6.1.1.5.1.1 Test RB=1RB#0



Date: 19.APR.2018 05:44:51



6.1.1.5.1.2 Test RB=25RB

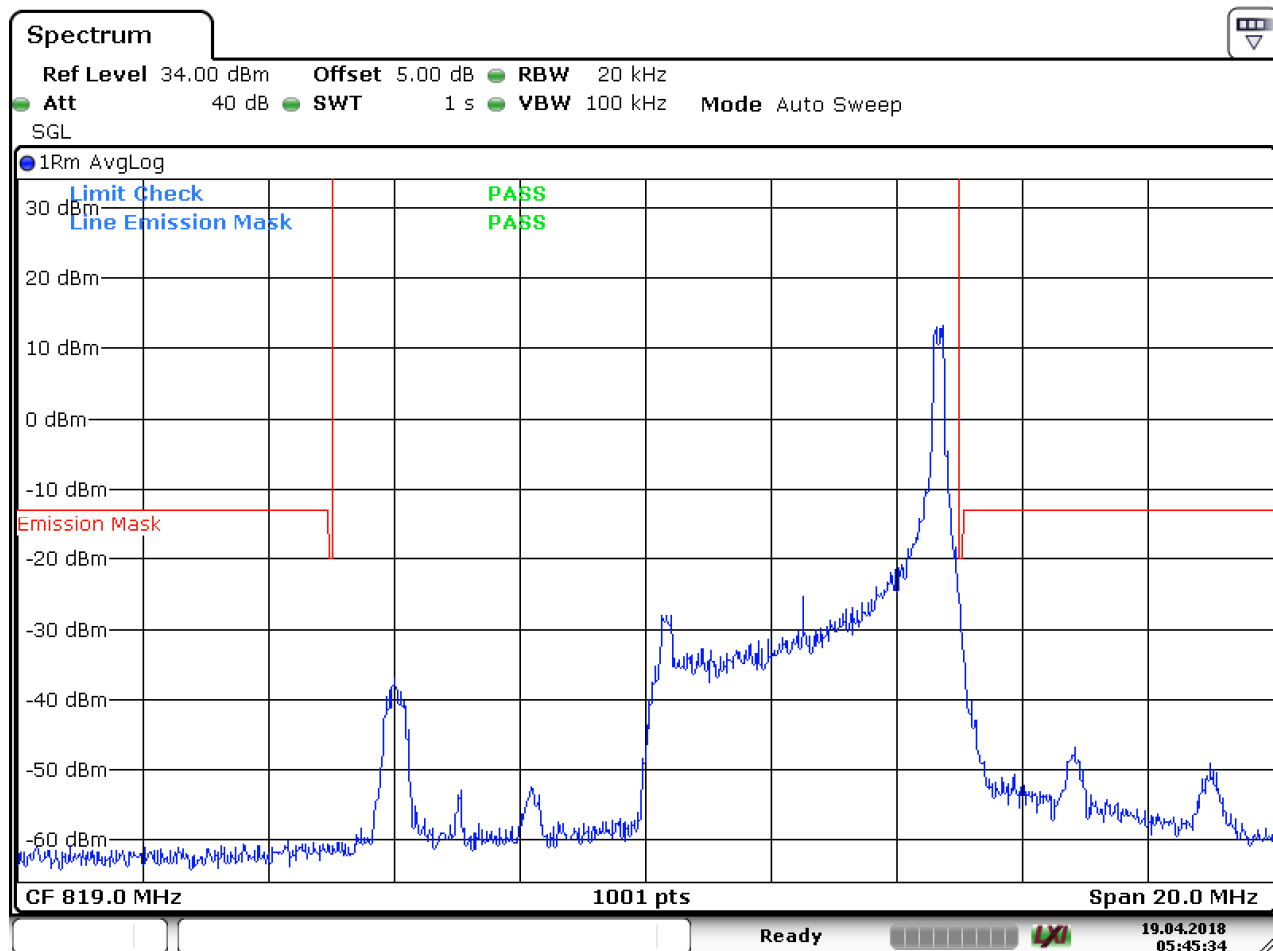


Date: 19.APR.2018 05:44:30



6.1.1.5.2 Test Channel = HCH

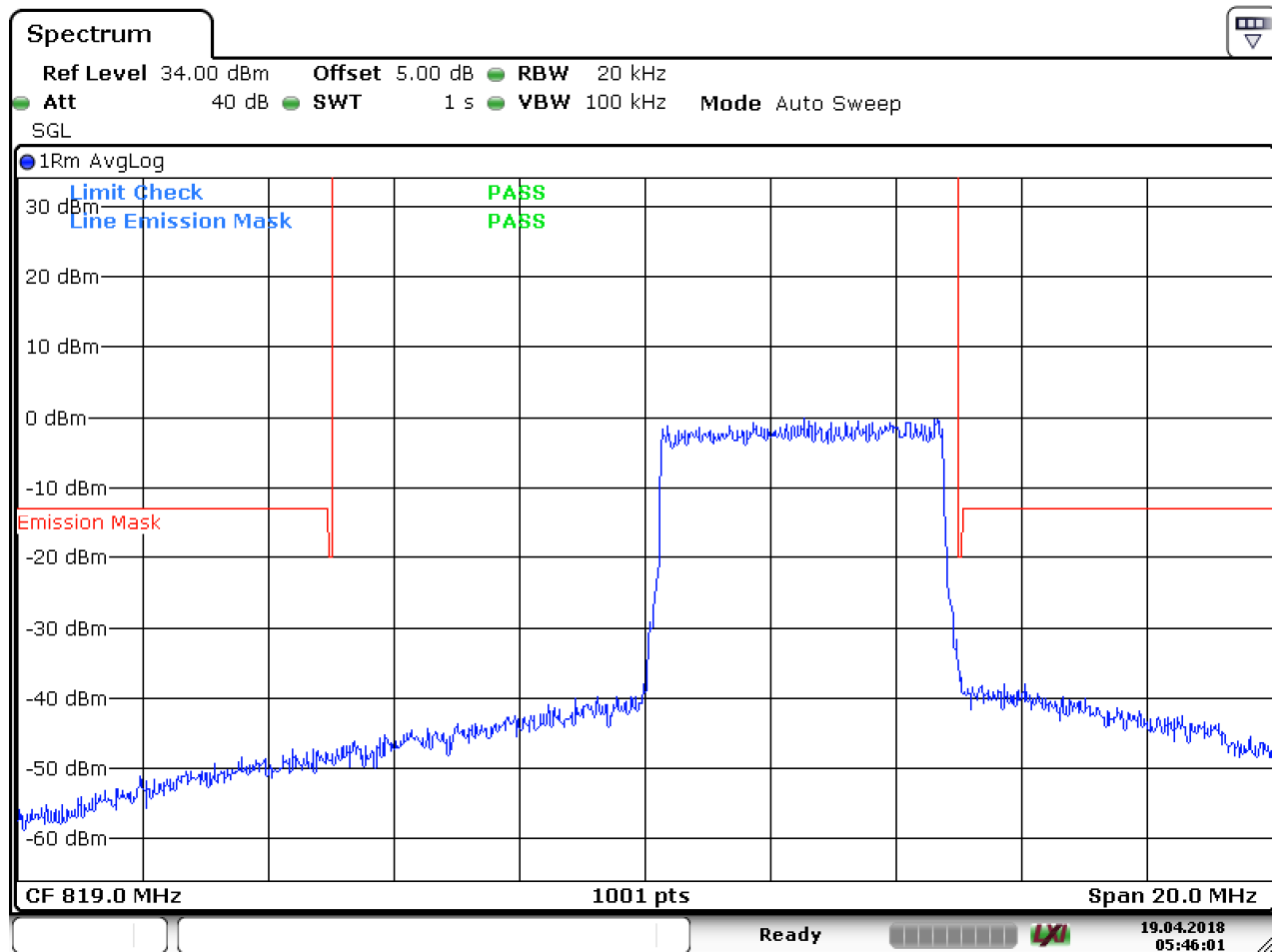
6.1.1.5.2.1 Test RB=1RB#24



Date: 19.APR.2018 05:45:35



6.1.1.5.2.2 Test RB=25RB



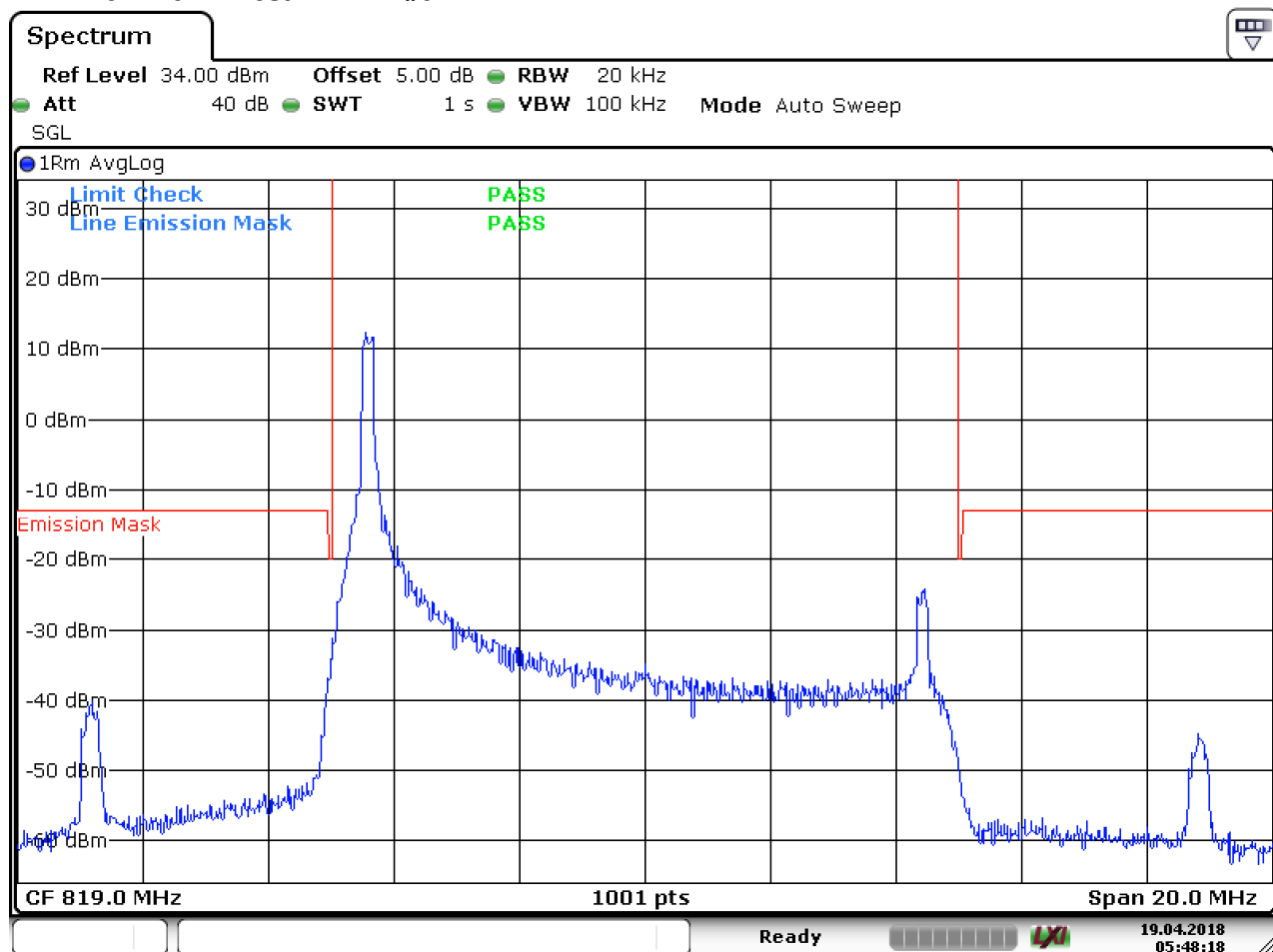
Date: 19.APR.2018 05:46:01



6.1.1.6 Test Mode = LTE/TM1 10MHz

6.1.1.6.1 Test Channel = LCH

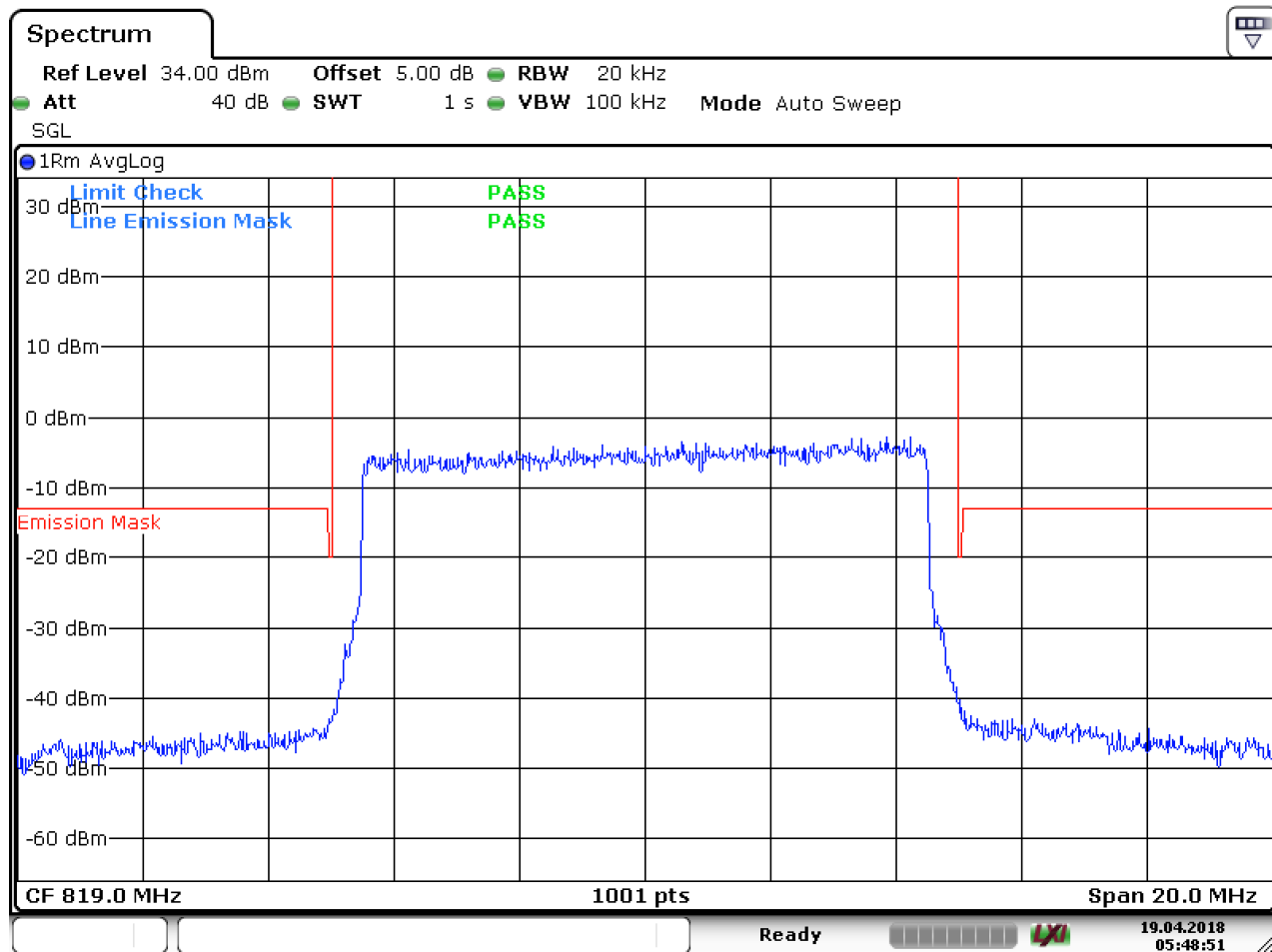
6.1.1.6.1.1 Test RB=1RB#0



Date: 19.APR.2018 05:48:18



6.1.1.6.1.2 Test RB=50RB



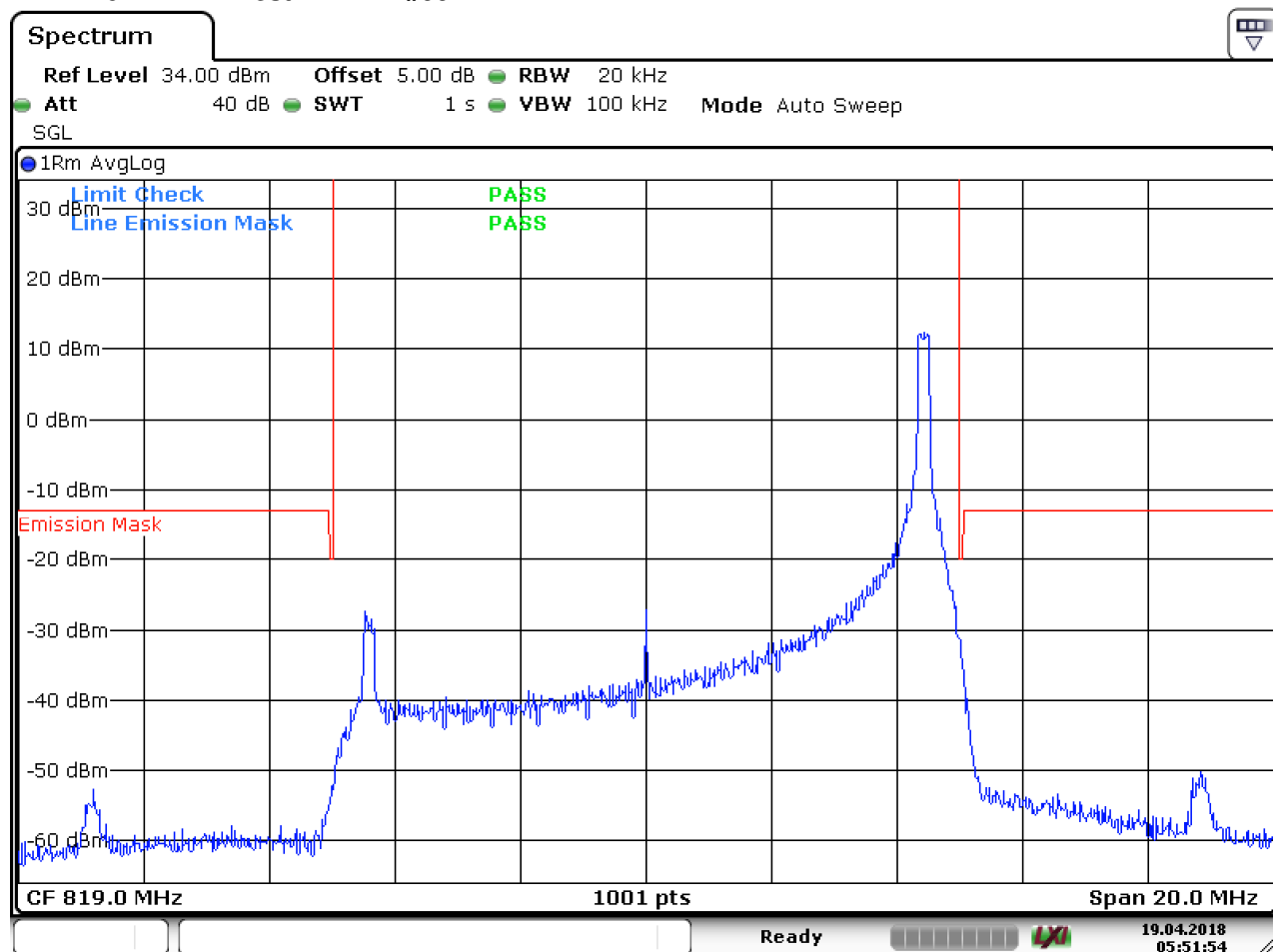
Date: 19.APR.2018 05:48:52



6.1.1.7 Test Mode = LTE/TM2 10MHz

6.1.1.7.1 Test Channel = HCH

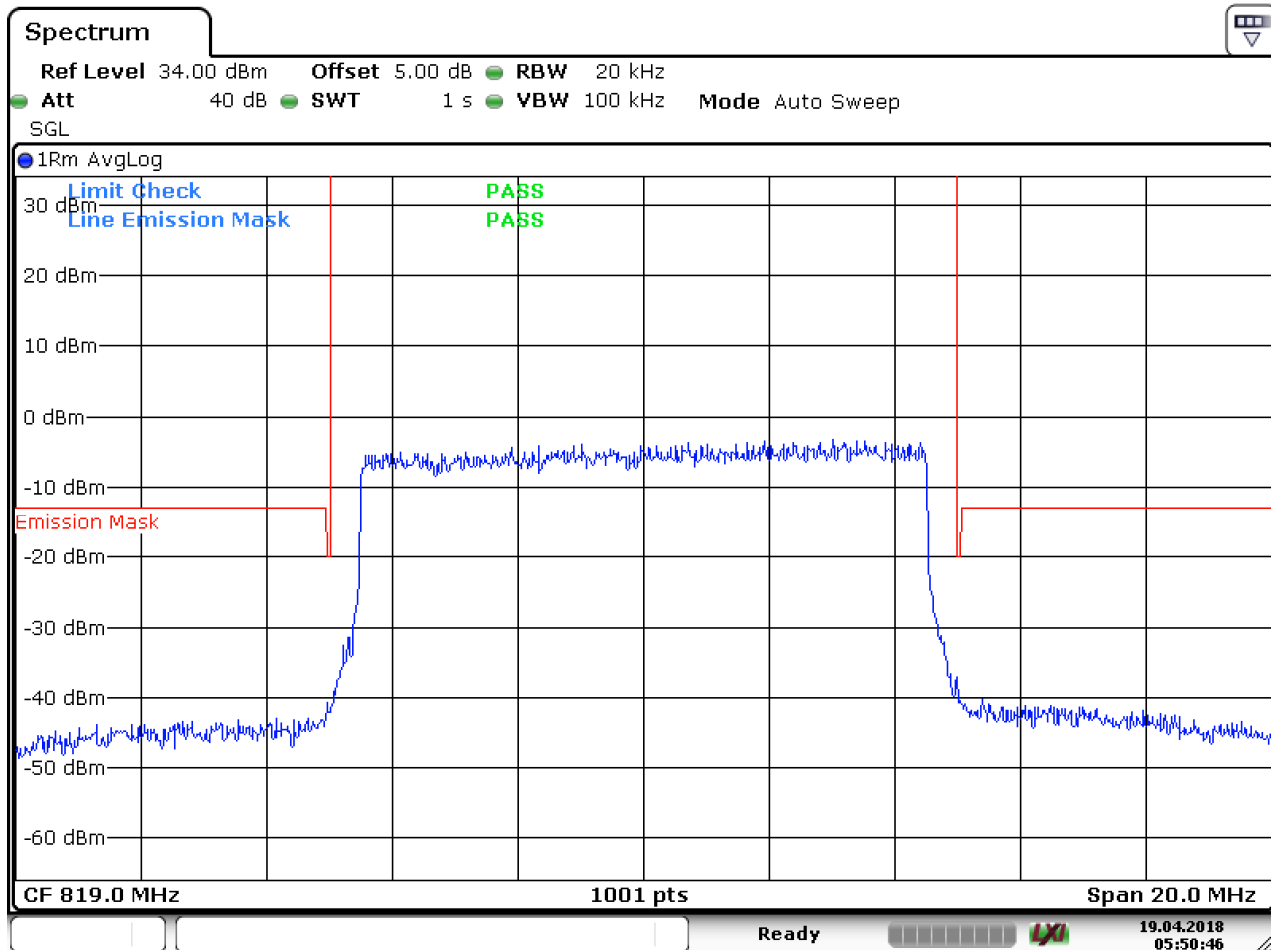
6.1.1.7.1.1 Test RB=1RB#99



Date: 19.APR.2018 05:51:54



6.1.1.7.1.2 Test RB=50RB



Date: 19.APR.2018 05:50:46

7 Spurious Emission at Antenna Terminal

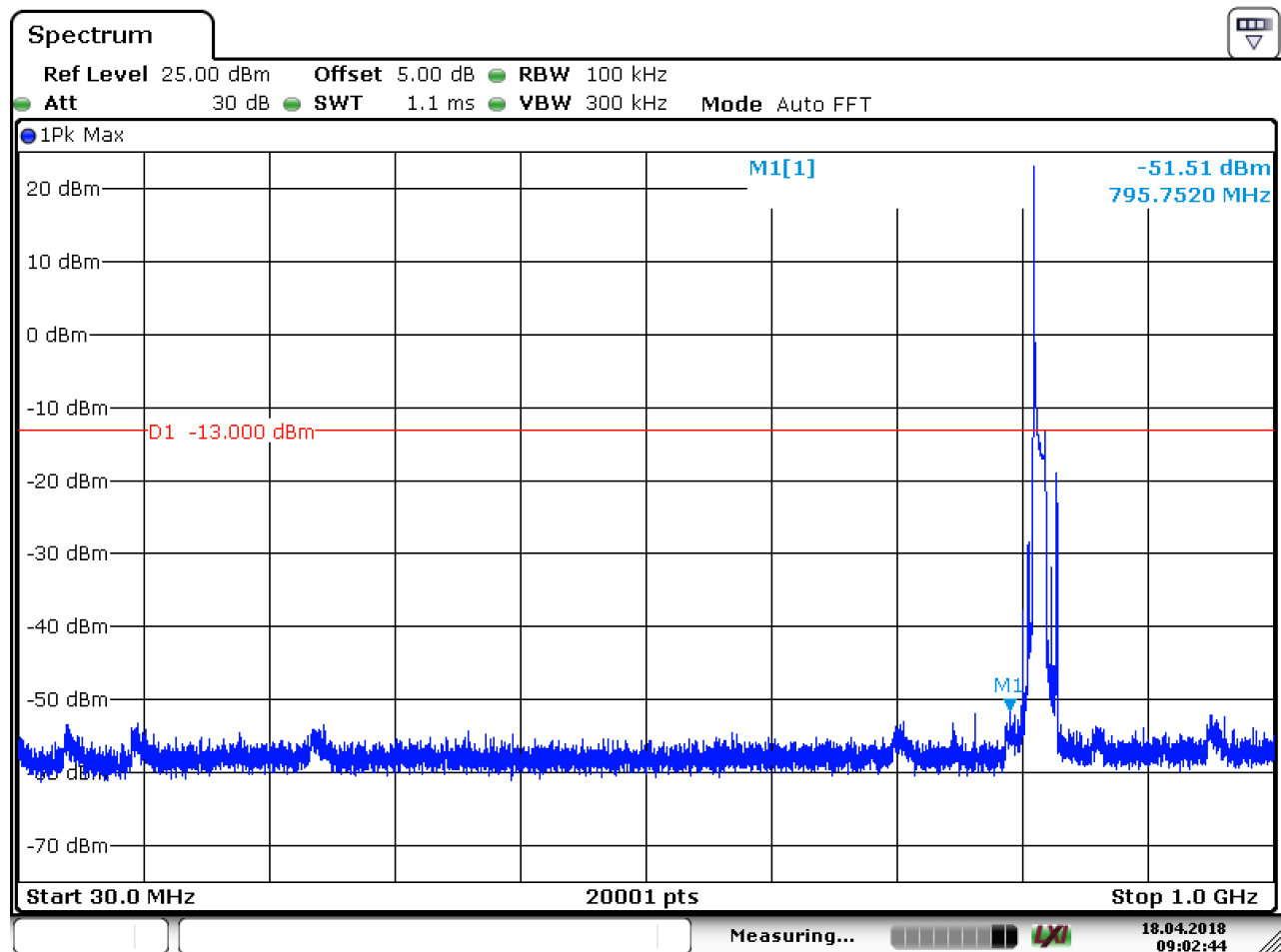
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k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

Part I - Test Plots

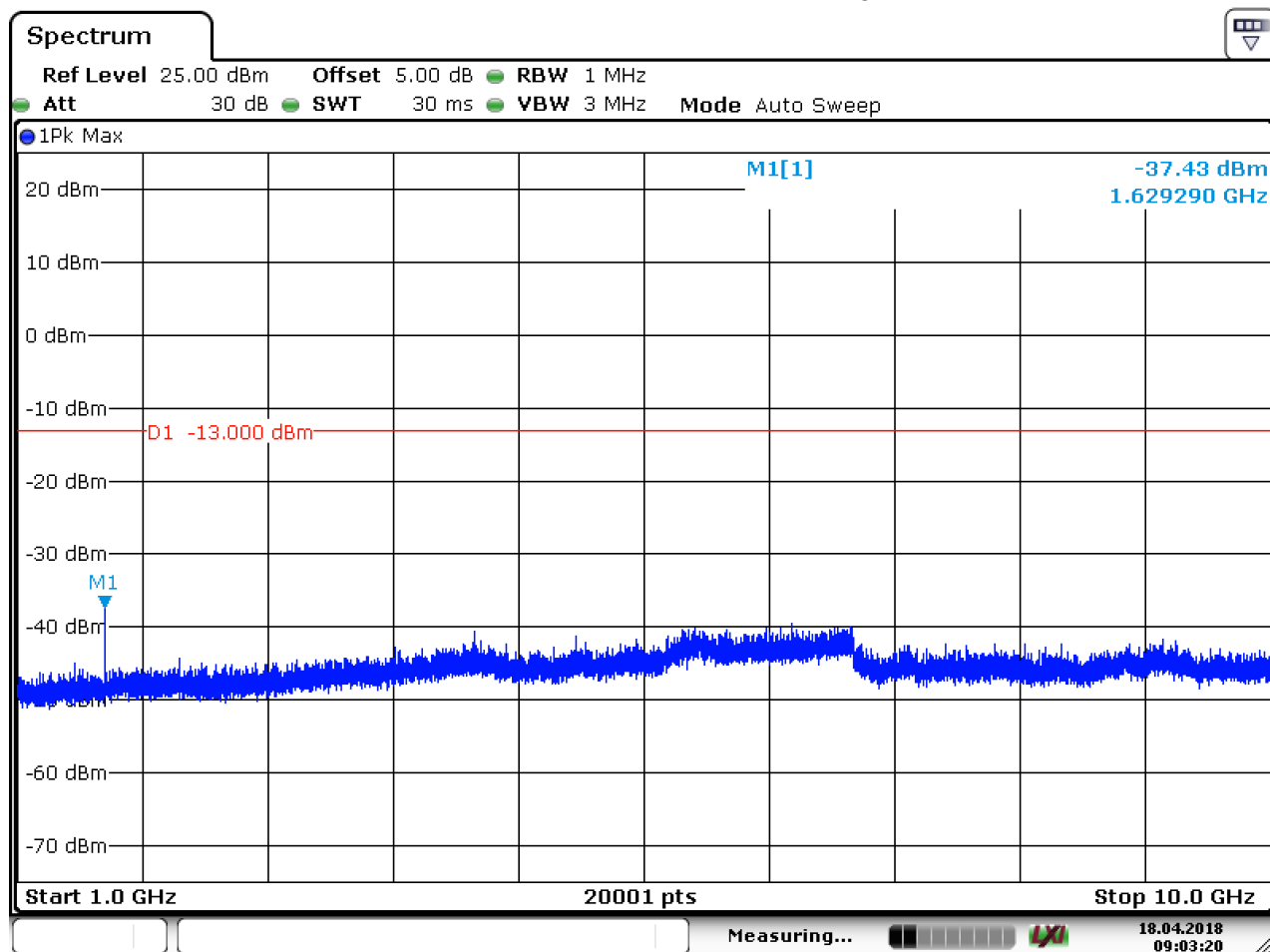
7.1 For LTE

7.1.1.1 Test Mode = LTE / TM1 10MHz RB1#0

7.1.1.1.1 Test Channel = LCH/MCH/HCH



Date: 18.APR.2018 09:02:44



Date: 18.APR.2018 09:03:19

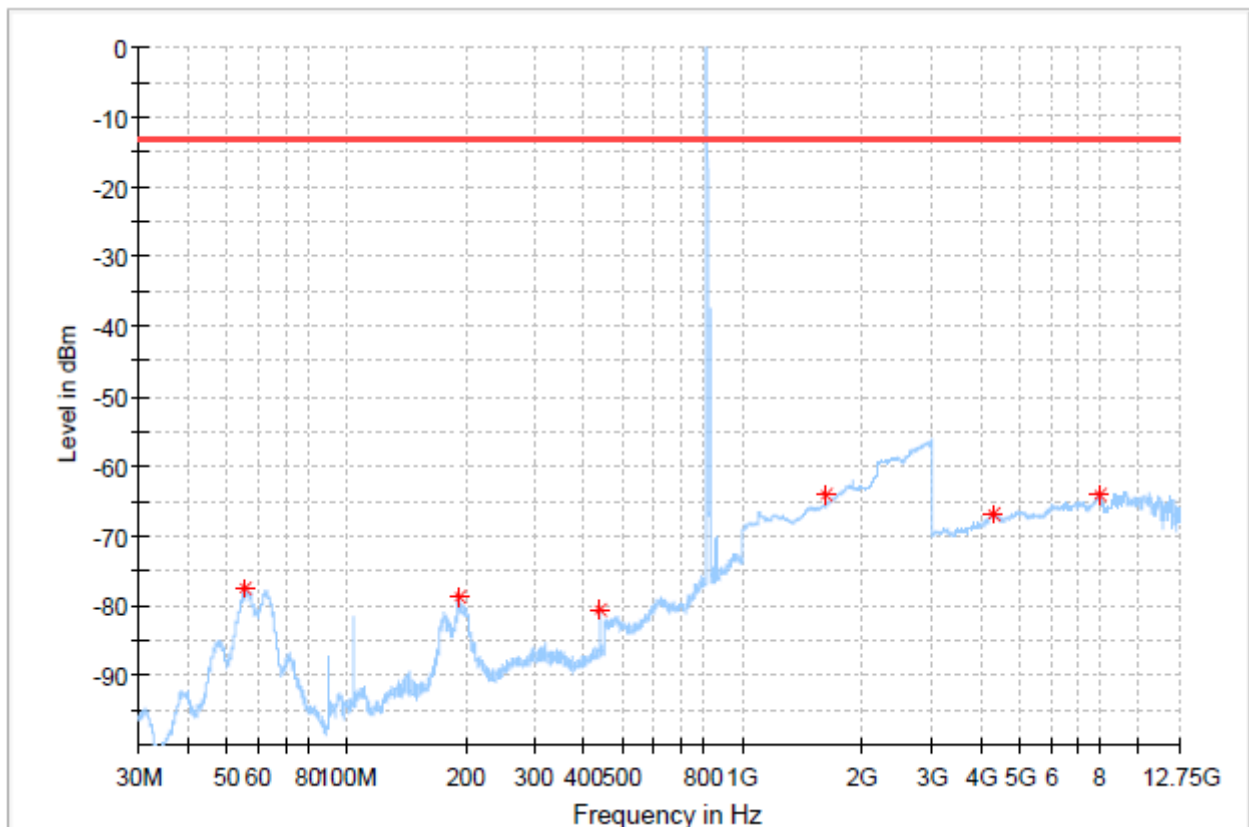
8 Field Strength of Spurious Radiation

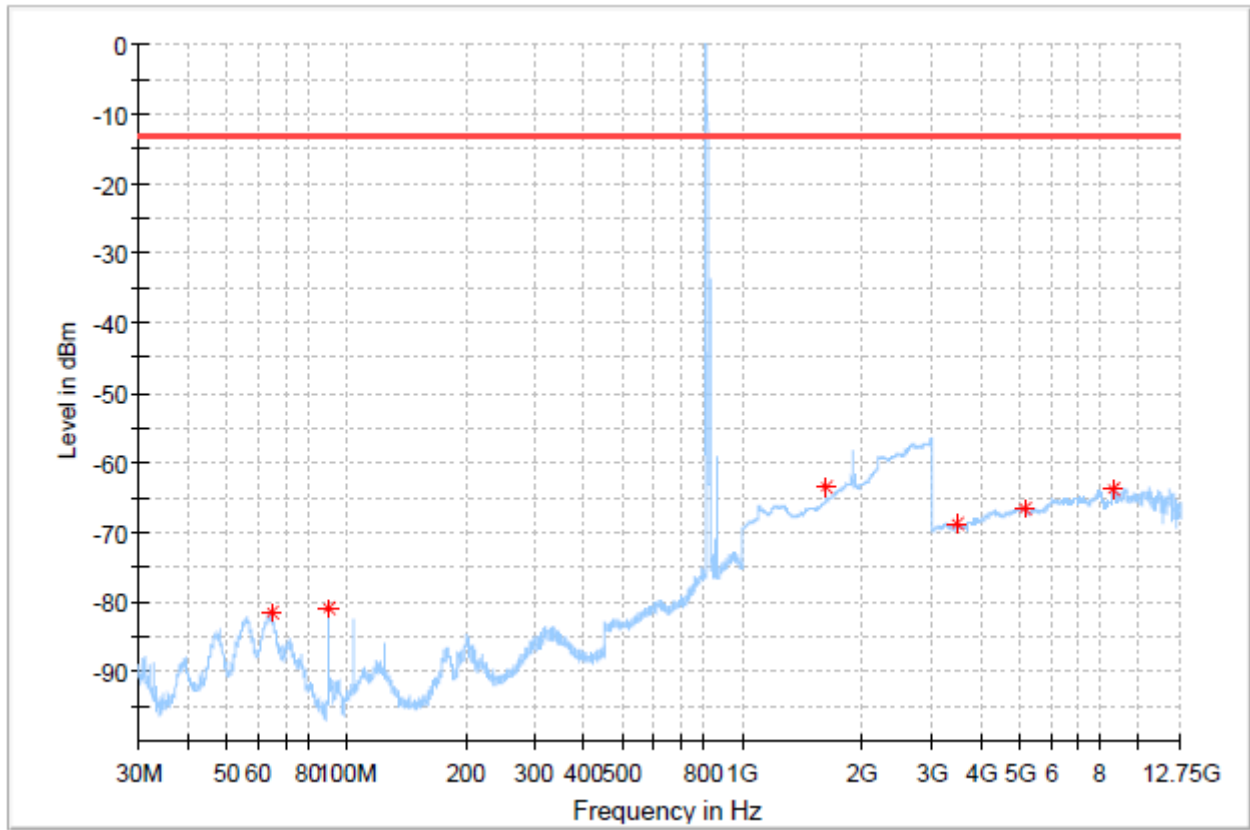
8.1 For LTE

8.1.1 Test Band = LTE band26

8.1.1.1 Test Mode =LTE/TM1 10MHz RB1#0 Diversity antenna

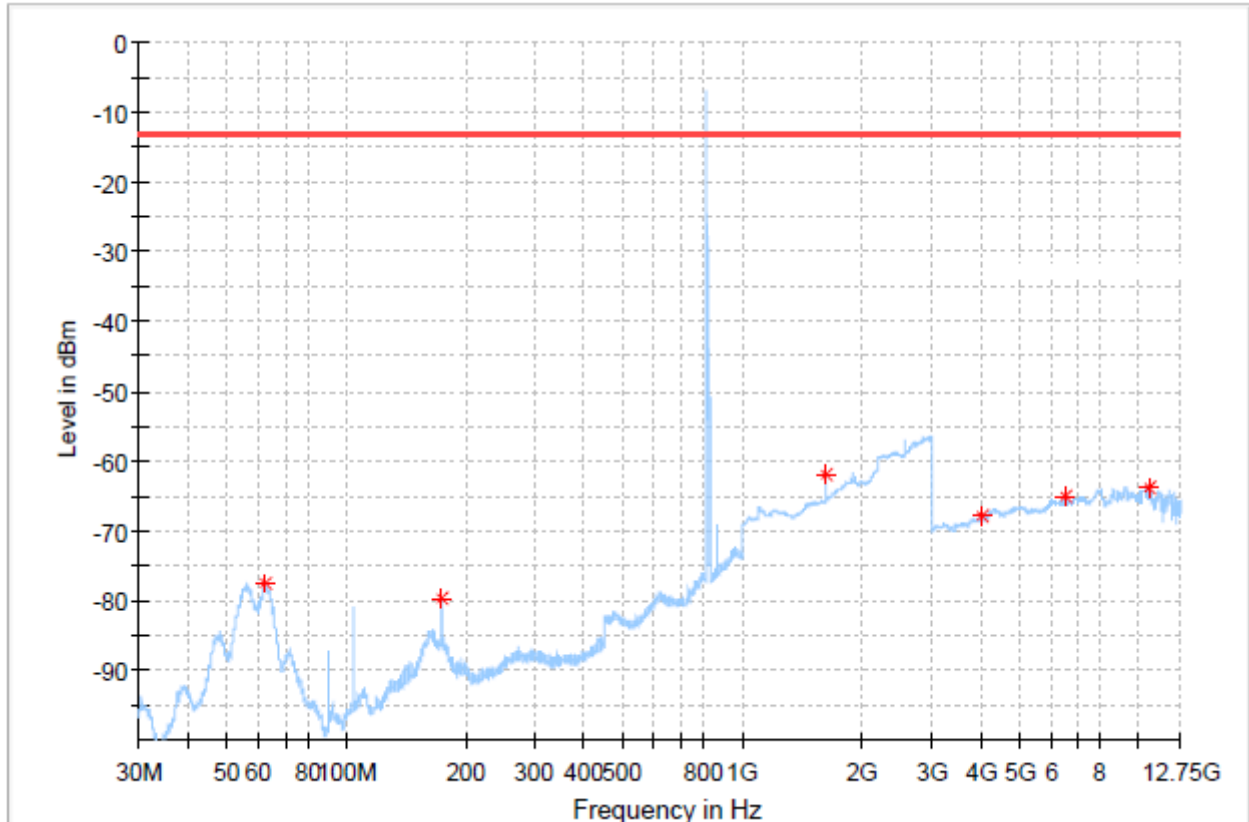
8.1.1.1.1 Test Channel =MCH

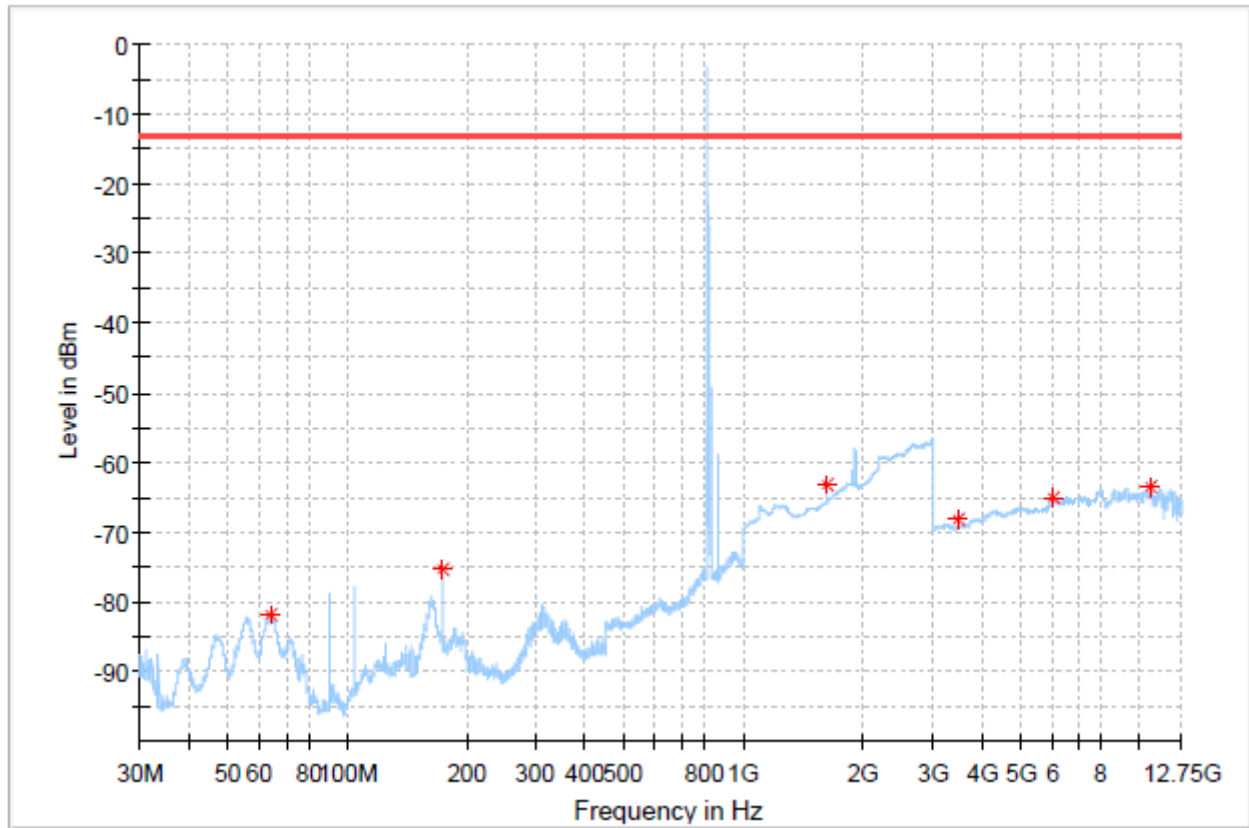




8.1.1.2 Test Mode =LTE/TM1 10MHz RB1#0 Main antenna

8.1.1.2.1 Test Channel = LCH/MCH/HCH





NOTE:

- 1) All modes are tested, but the data presented above is the worst case. The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



9 Frequency Stability

9.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band26	LTE/TM1 10MHz	LCH/MCH/HCH	TN	VL	-2.65	-0.00323	PASS
				VN	1.41	0.00181	PASS
				VH	-5.22	-0.00624	PASS
	LTE/TM2 10MHz	LCH/MCH/HCH	TN	VL	-4.32	-0.00517	PASS
				VN	-3.34	-0.00404	PASS
				VH	-4.12	-0.00495	PASS

9.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band26	LTE/TM1 10MHz	LCH/MCH/HCH	VN	-30	-4.38	-0.005284	PASS
				-20	-2.61	-0.003132	PASS
				-10	-2.48	-0.00287	PASS
				0	1.23	0.00148	PASS
				10	1.21	0.00144	PASS
				20	3.91	0.00470	PASS
				30	-0.66	-0.00077	PASS
				40	-2.78	-0.00337	PASS
				50	-6.21	-0.00747	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band26	LTE/TM2 10MHz	LCH/MCH/HCH	VN	-30	-3.65	-0.00439	PASS
				-20	-2.46	-0.00296	PASS
				-10	1.27	0.00153	PASS
				0	2.24	0.00268	PASS
				10	1.78	0.00211	PASS
				20	-0.84	-0.00098	PASS
				30	-3.86	-0.00463	PASS
				40	2.27	0.00272	PASS
				50	-4.83	-0.00580	PASS

The End