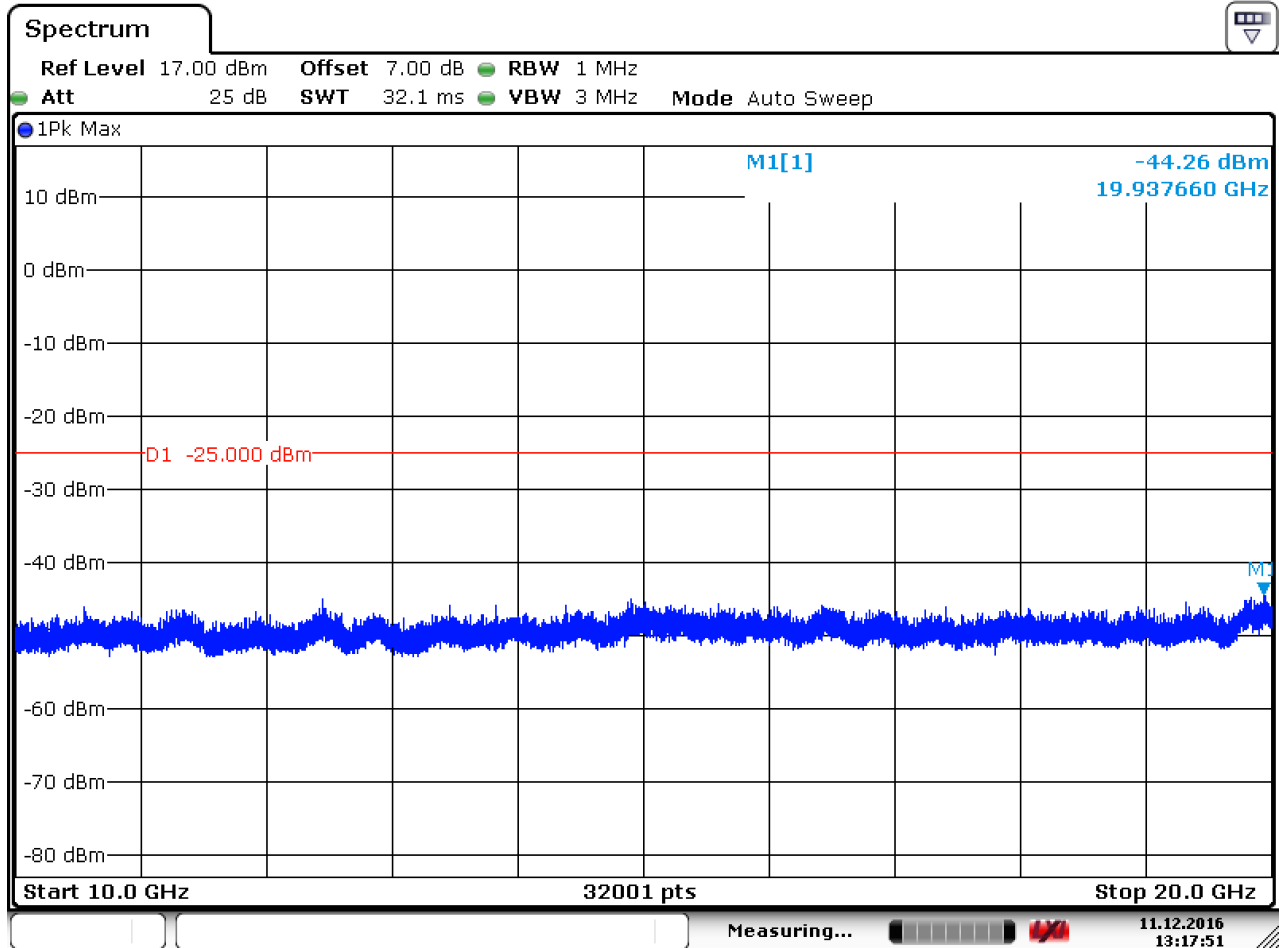


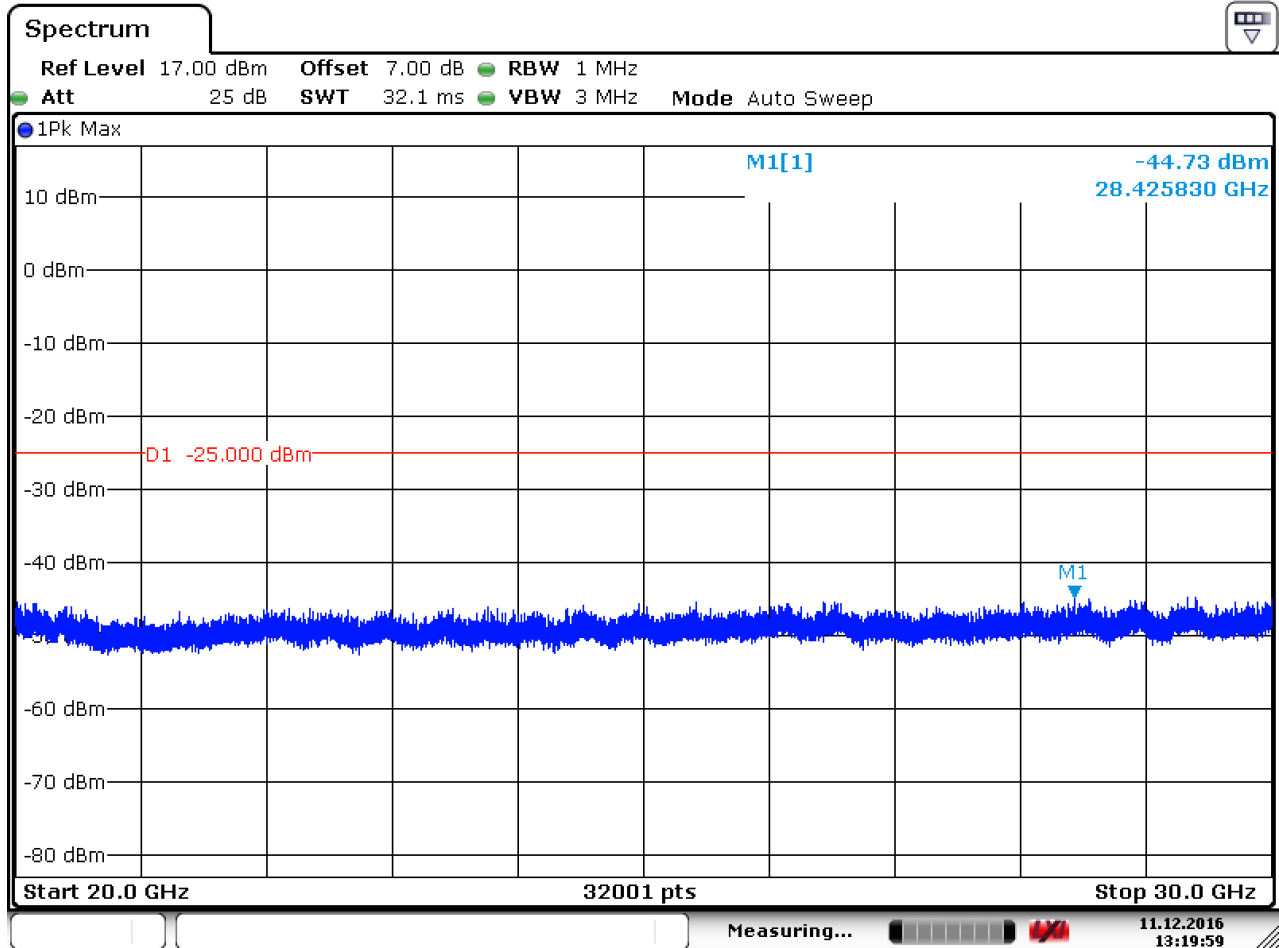
Date: 11.DEC.2016 13:06:14

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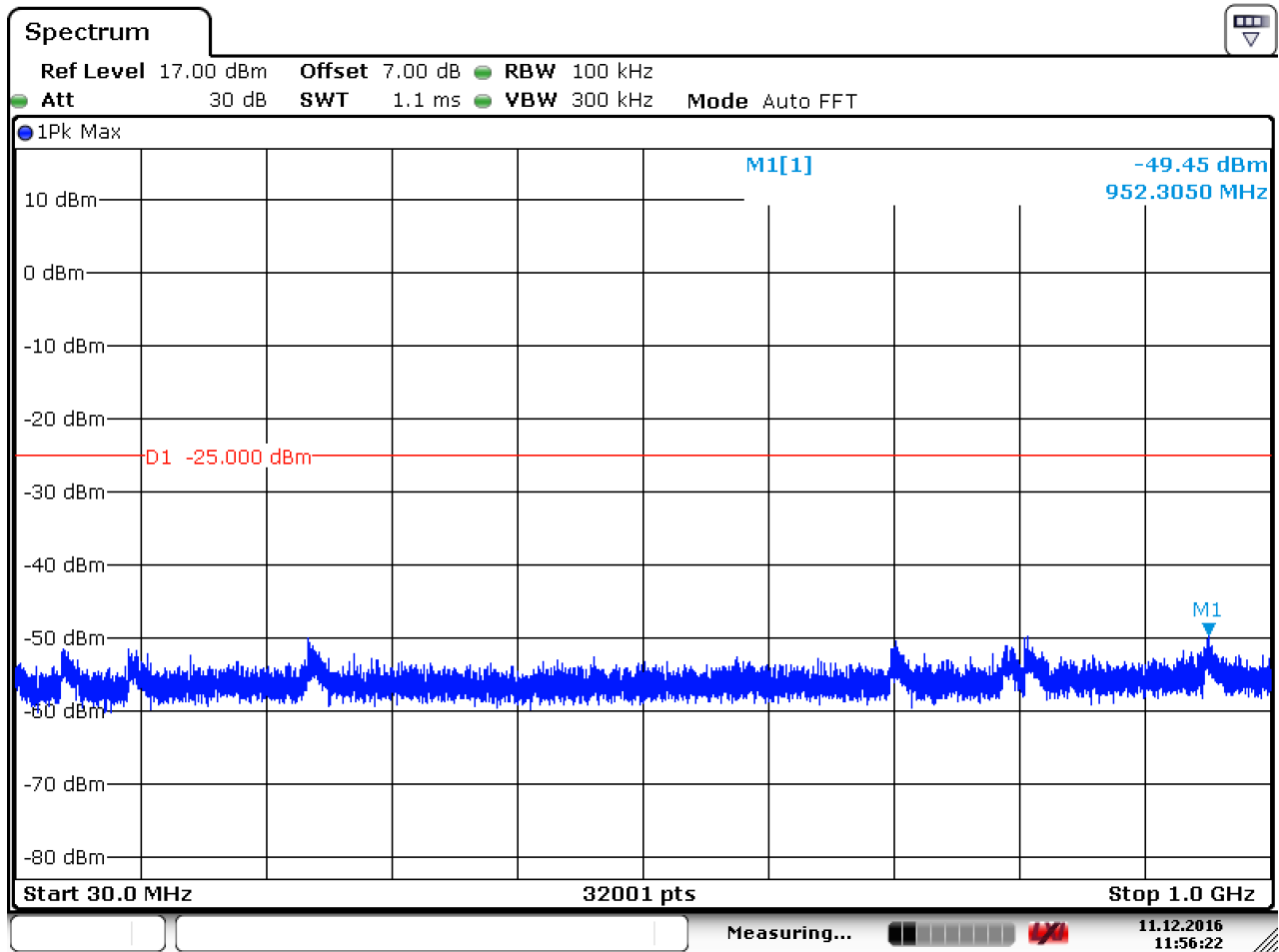


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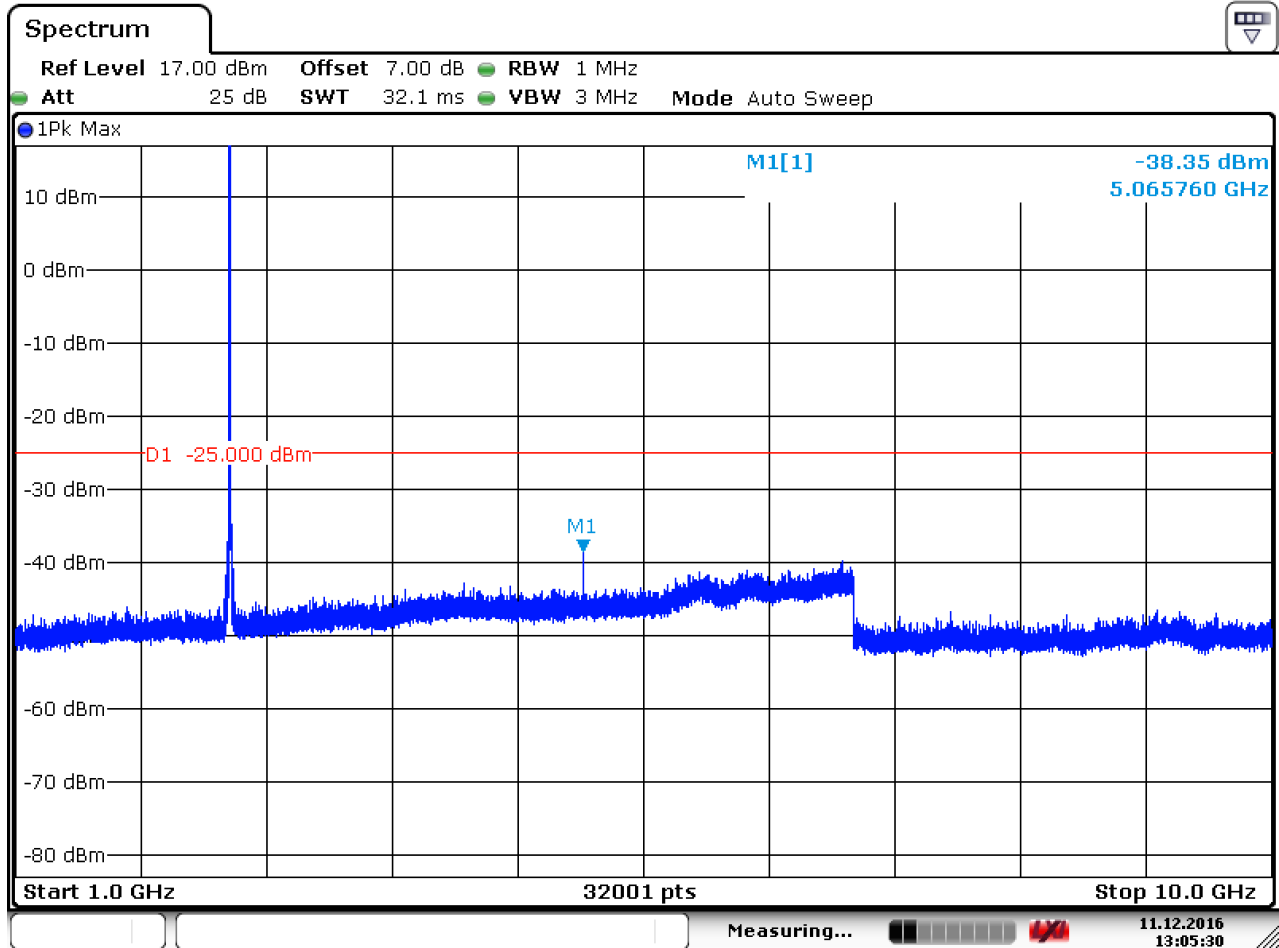


6.1.1.1.2 Test Channel = MCH



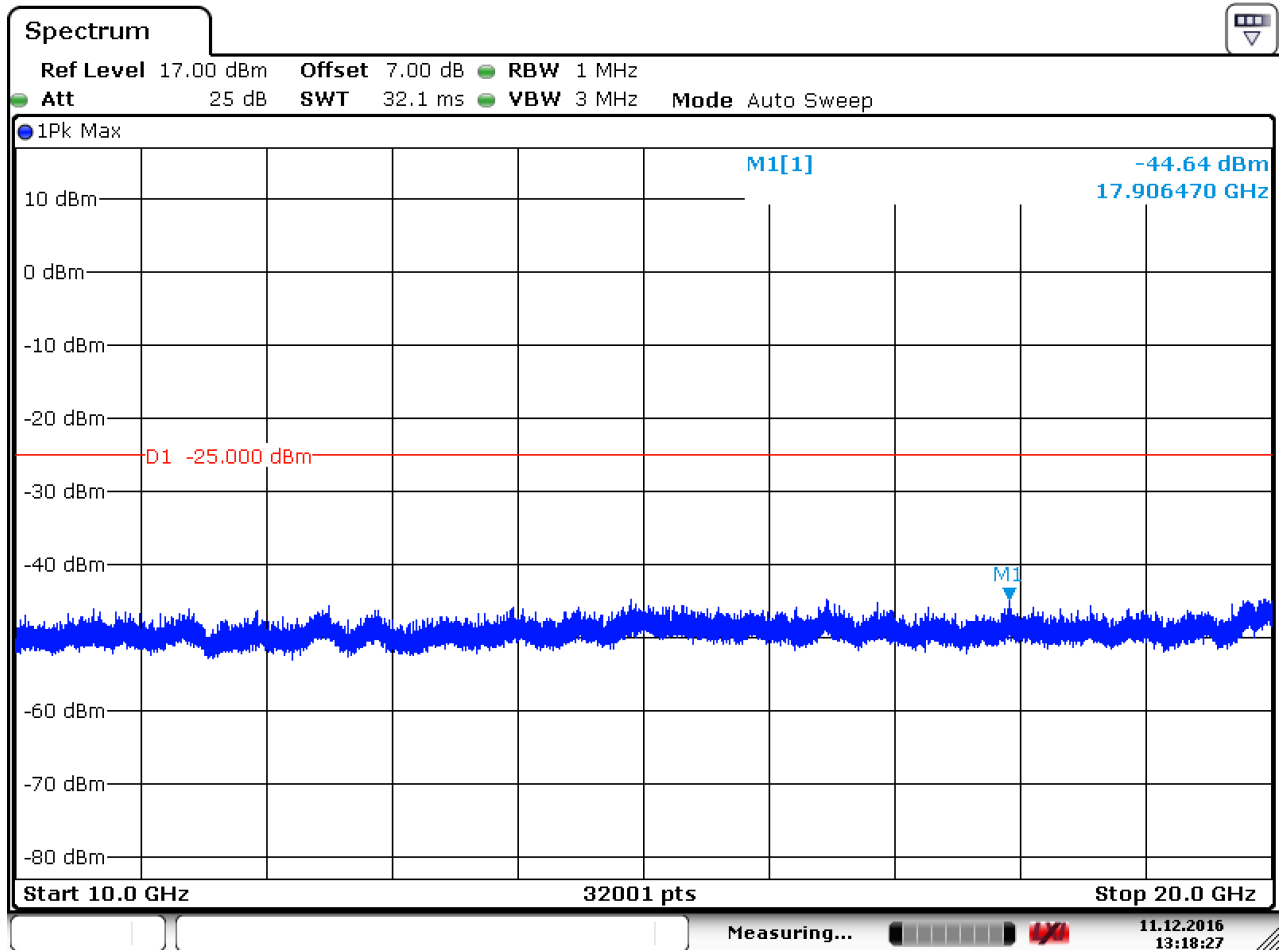
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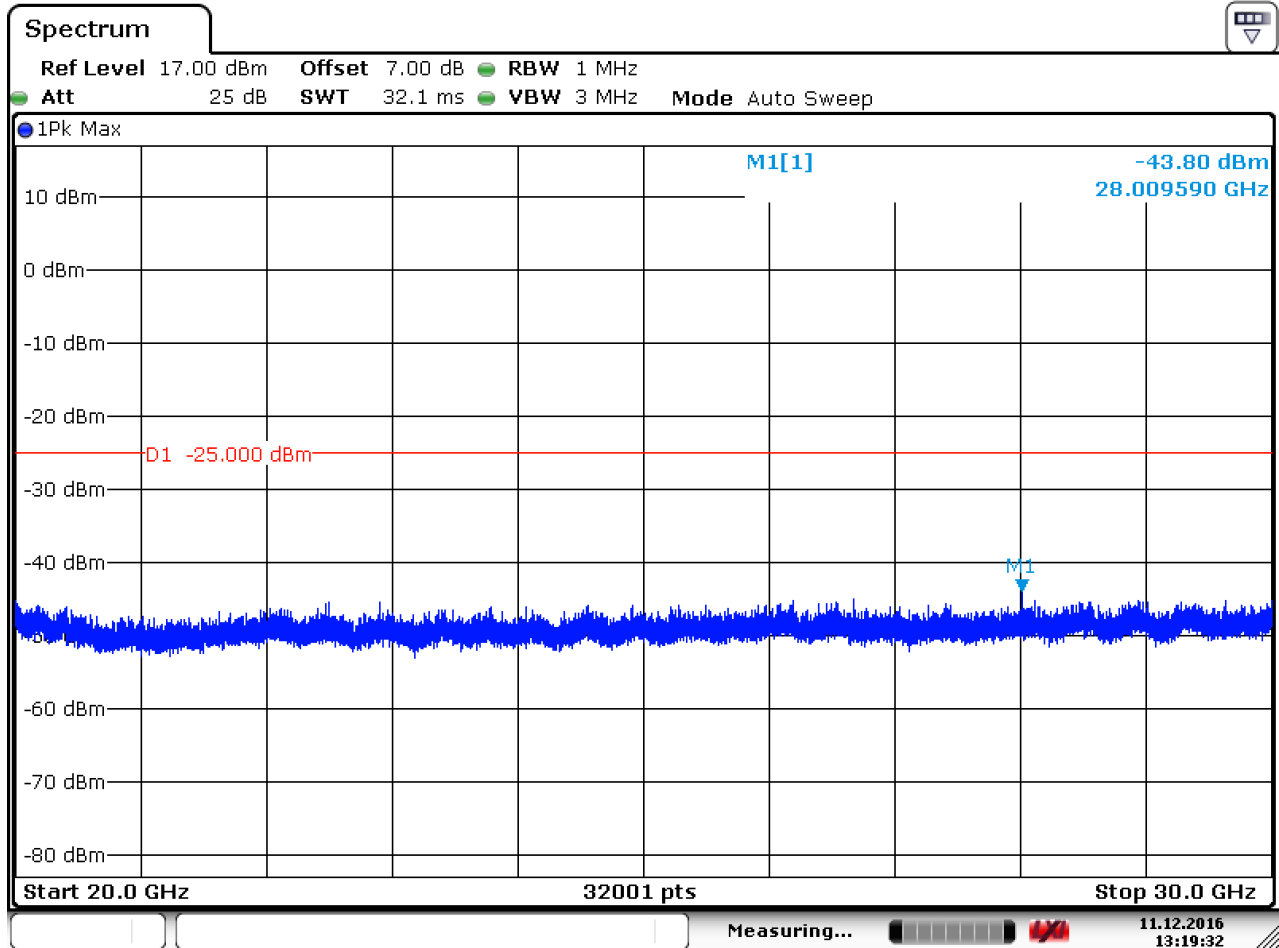
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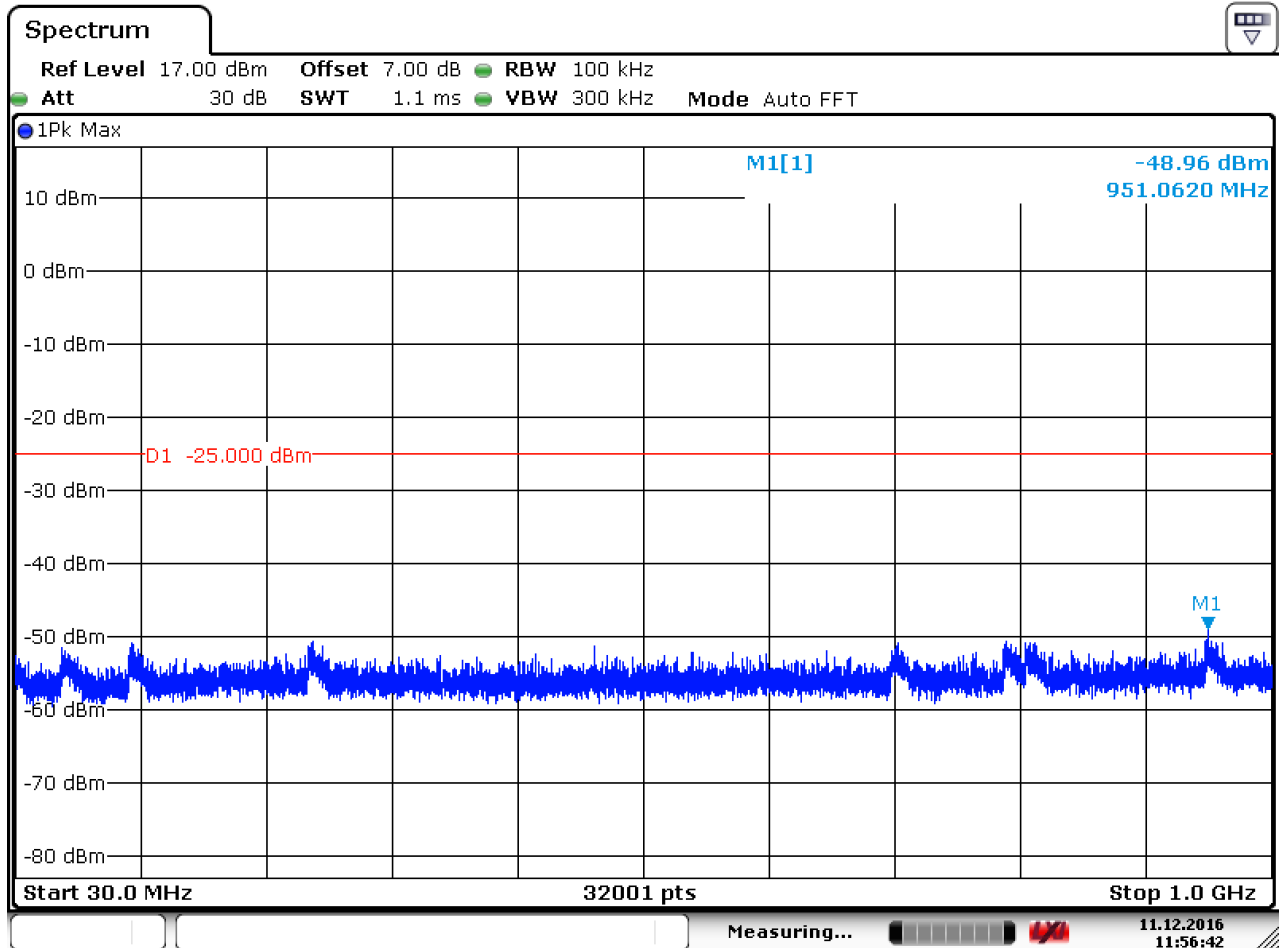


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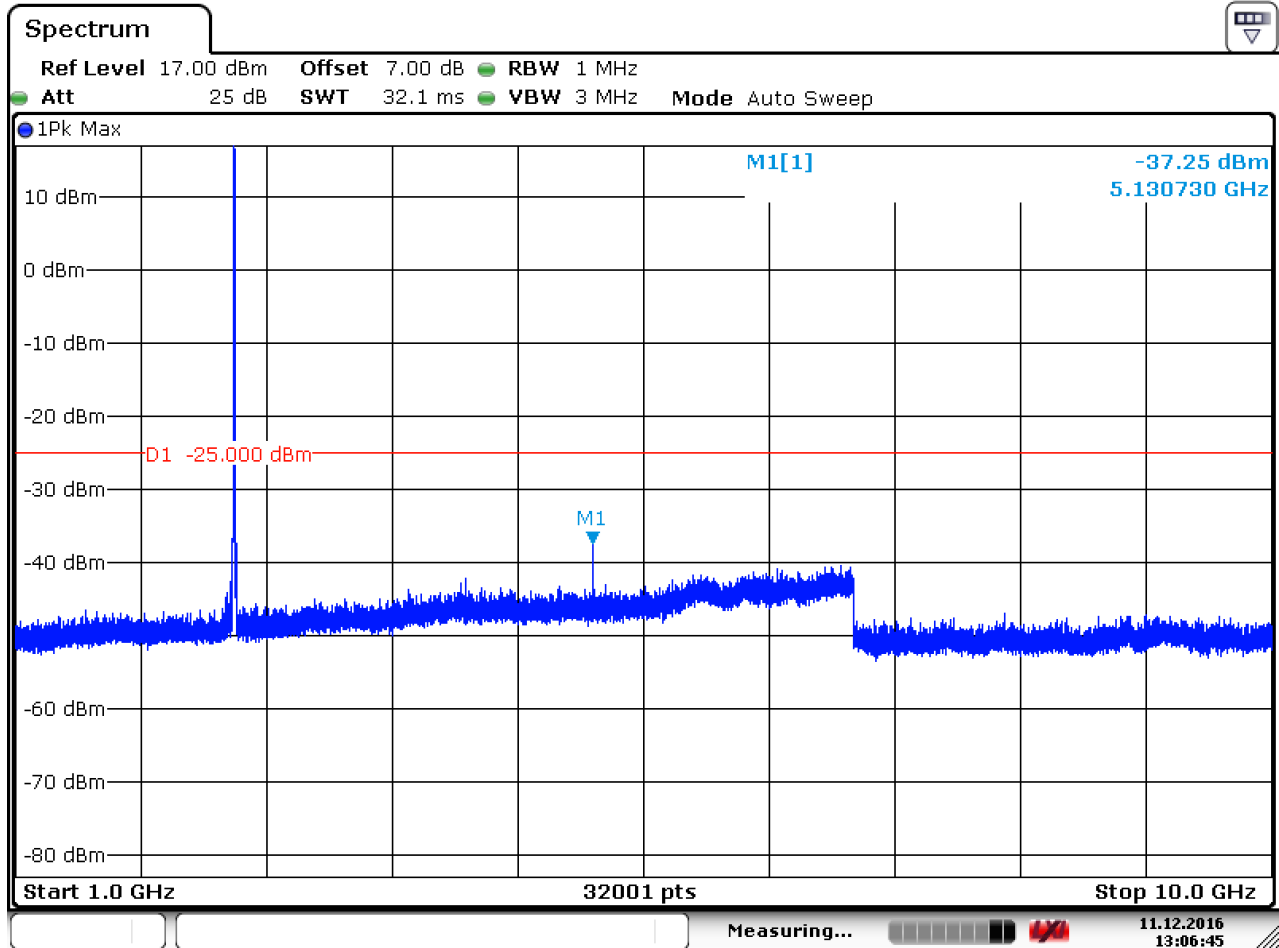
6.1.1.1.3 Test Channel = HCH



Date: 11.DEC.2016 11:56:42

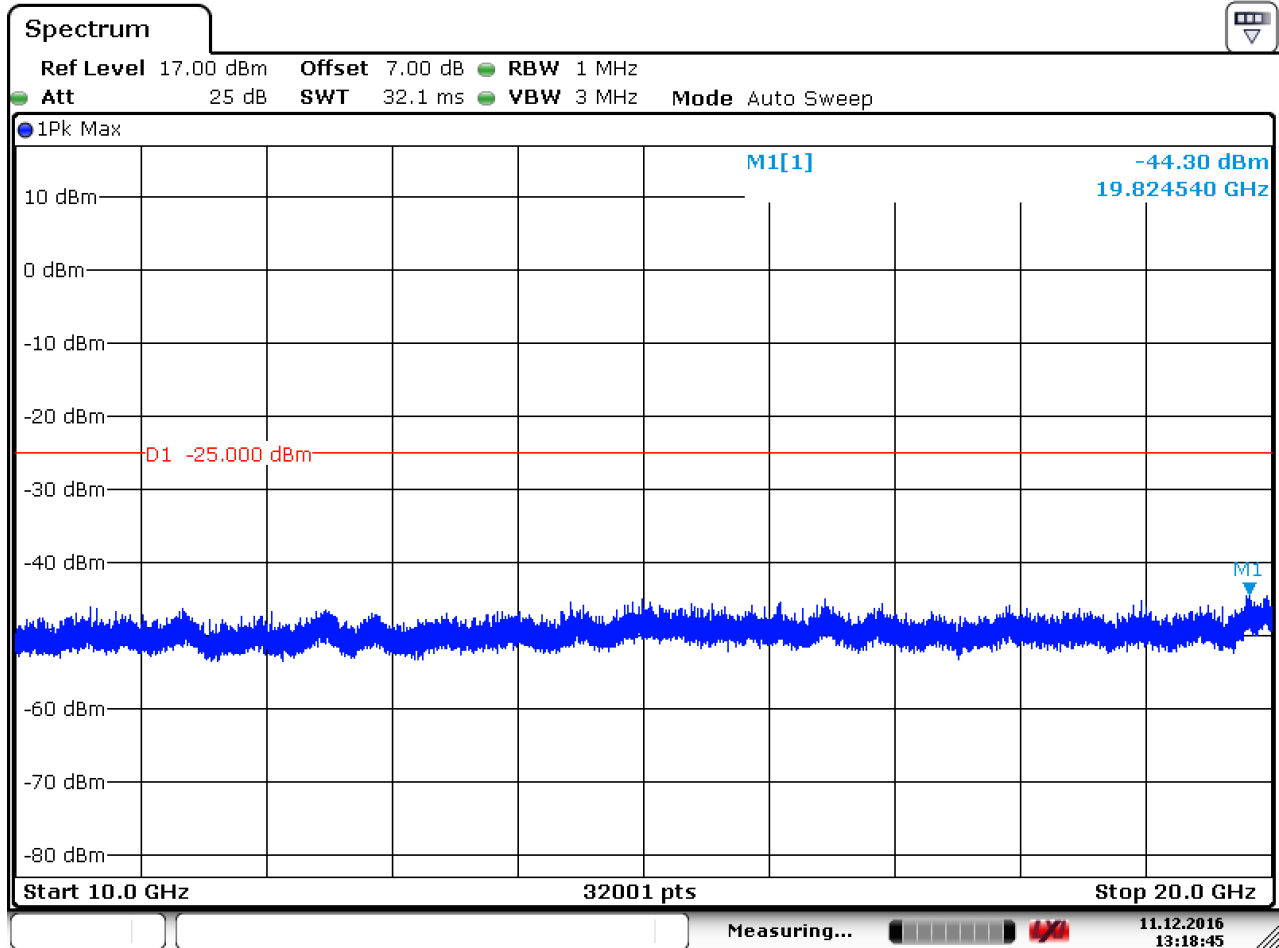
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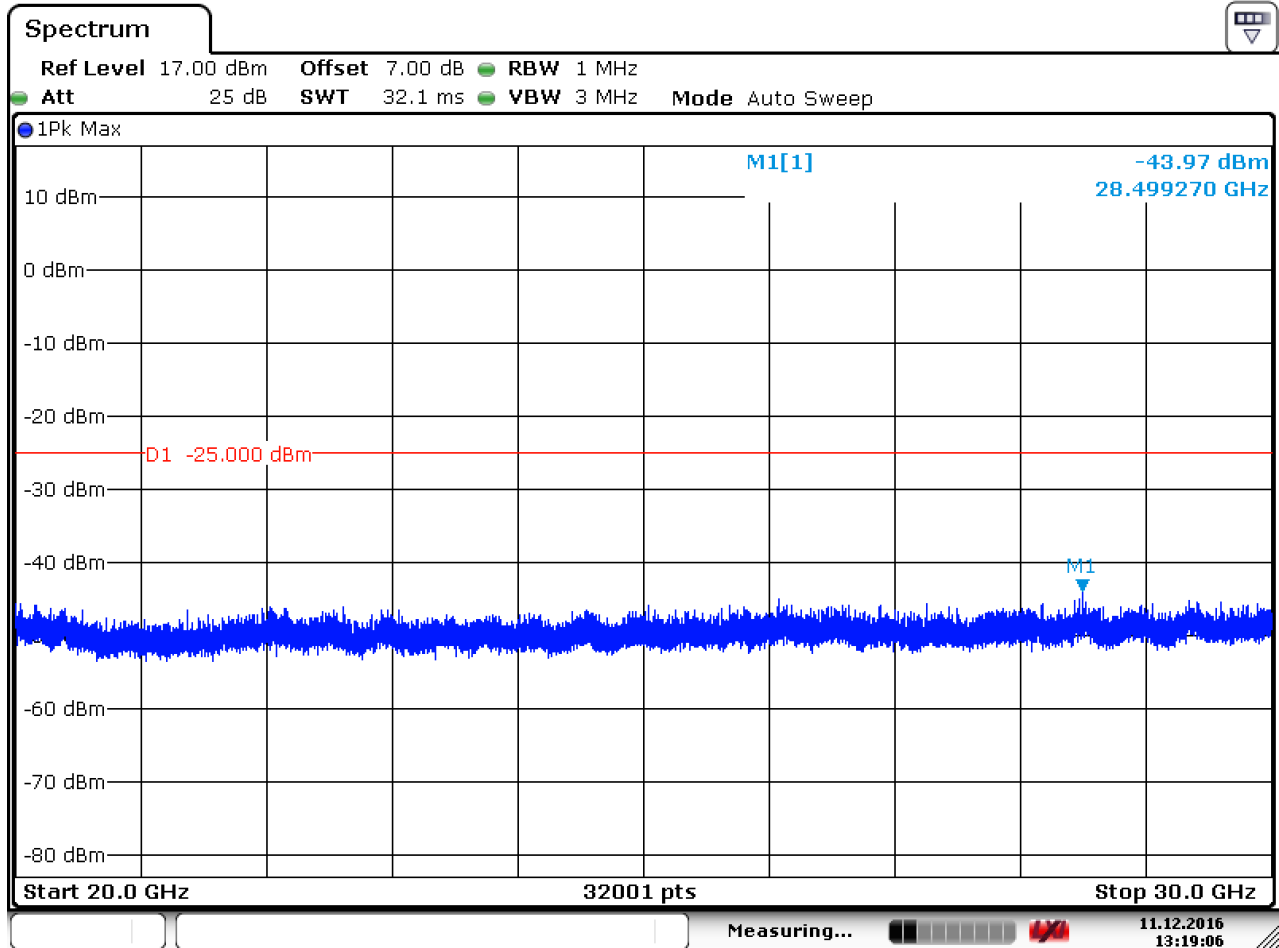
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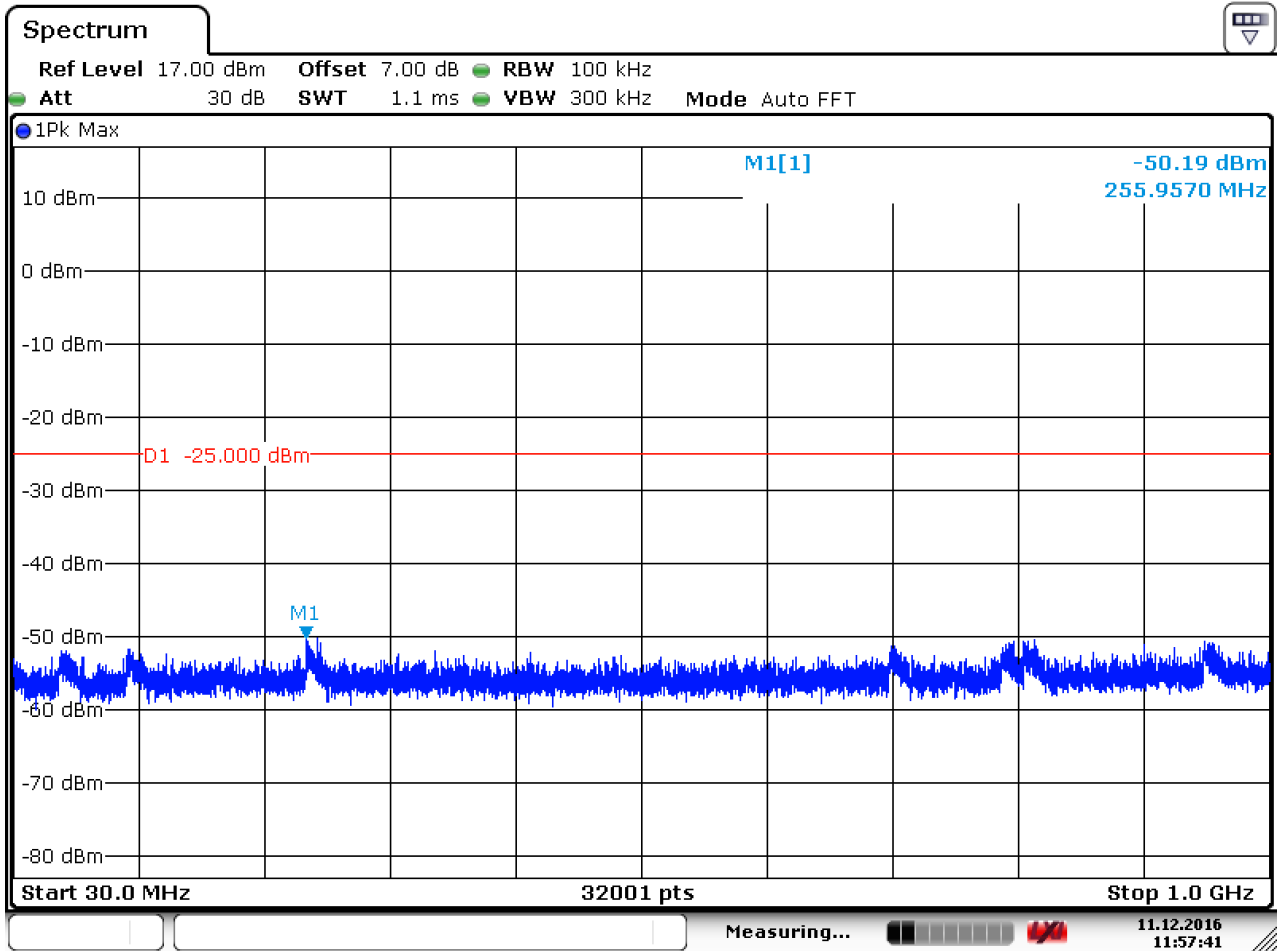
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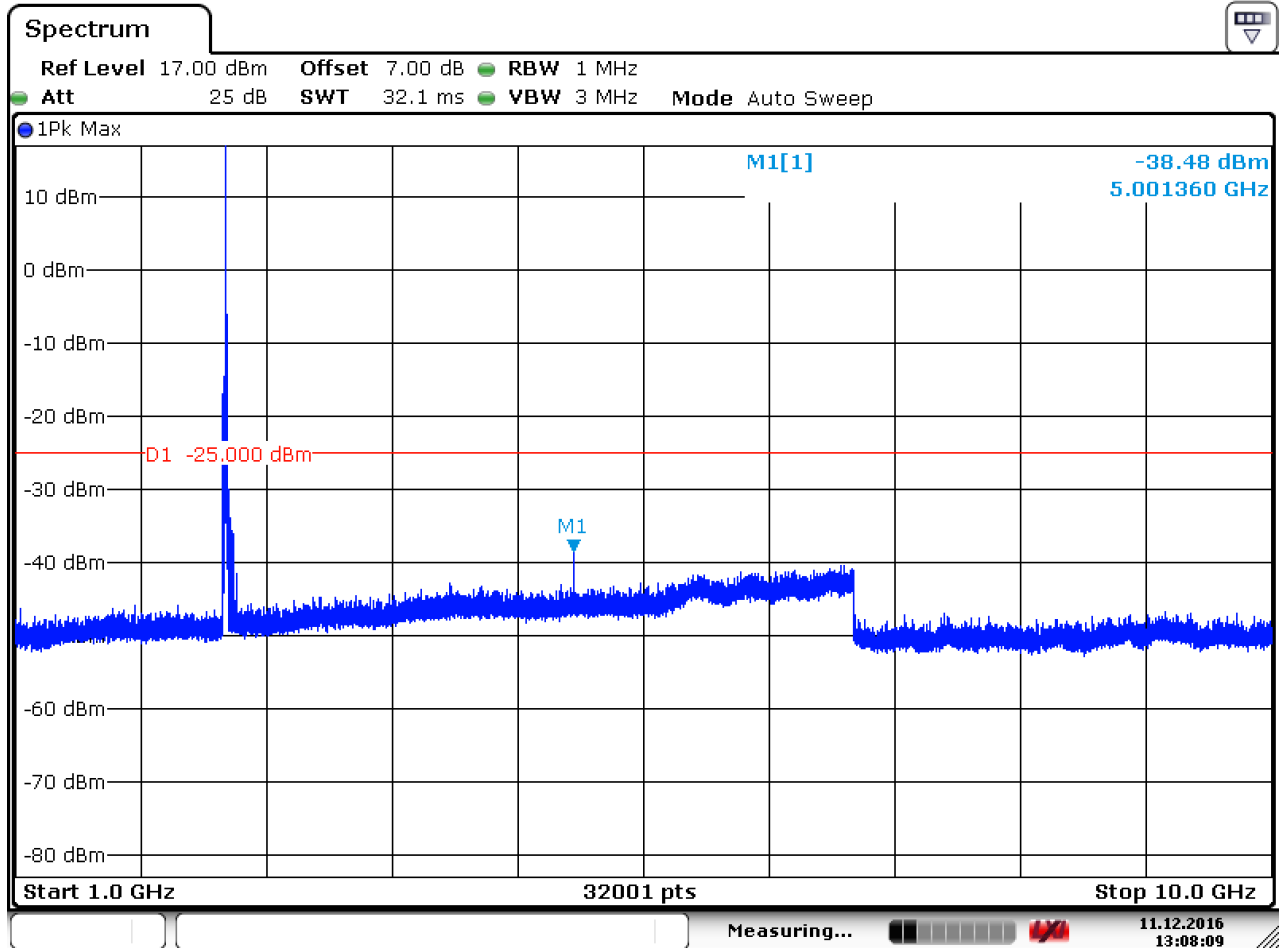
6.1.1.2 Test Mode = LTE / TM1 10MHz RB1#0

6.1.1.2.1 Test Channel = LCH



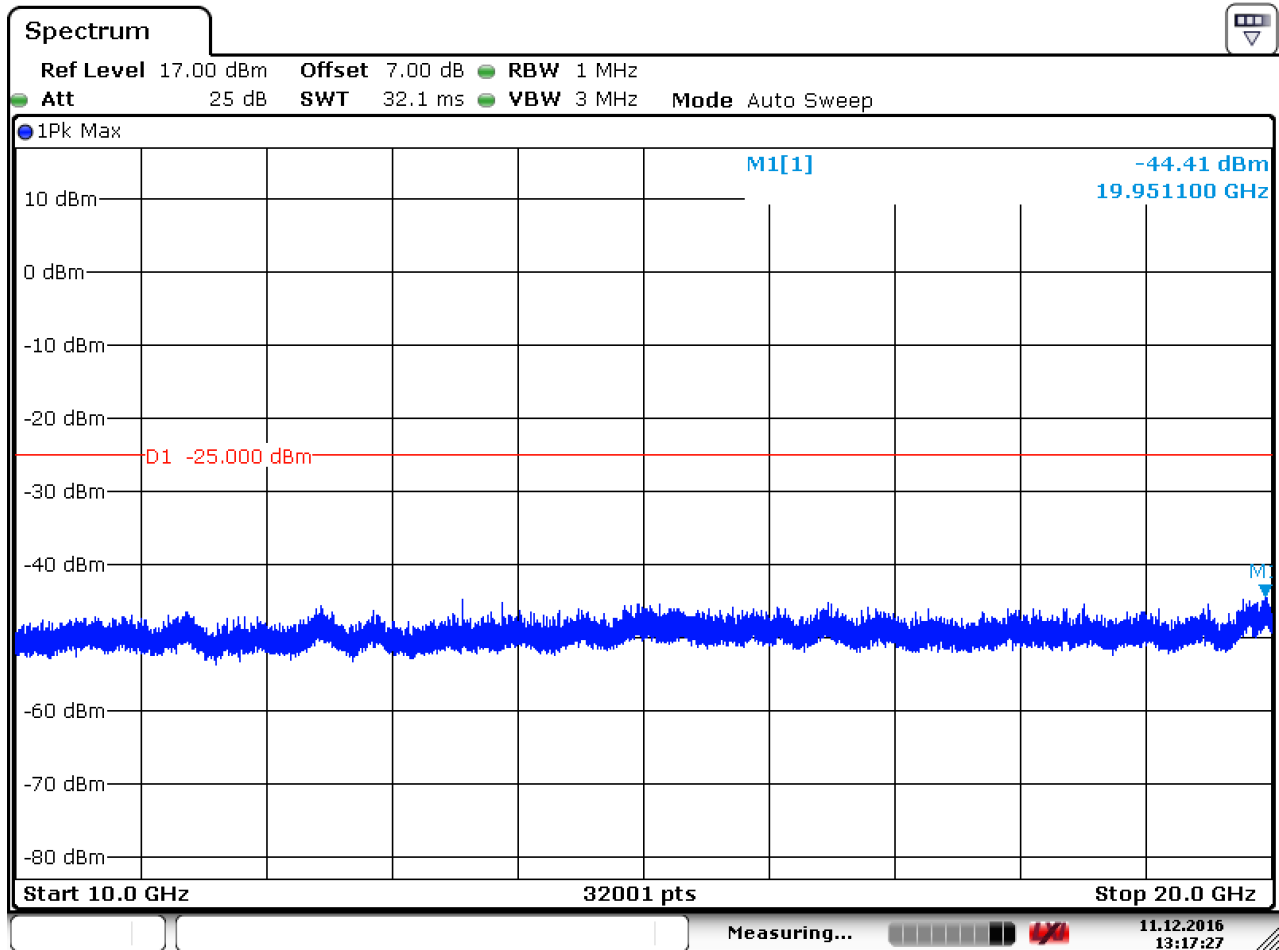
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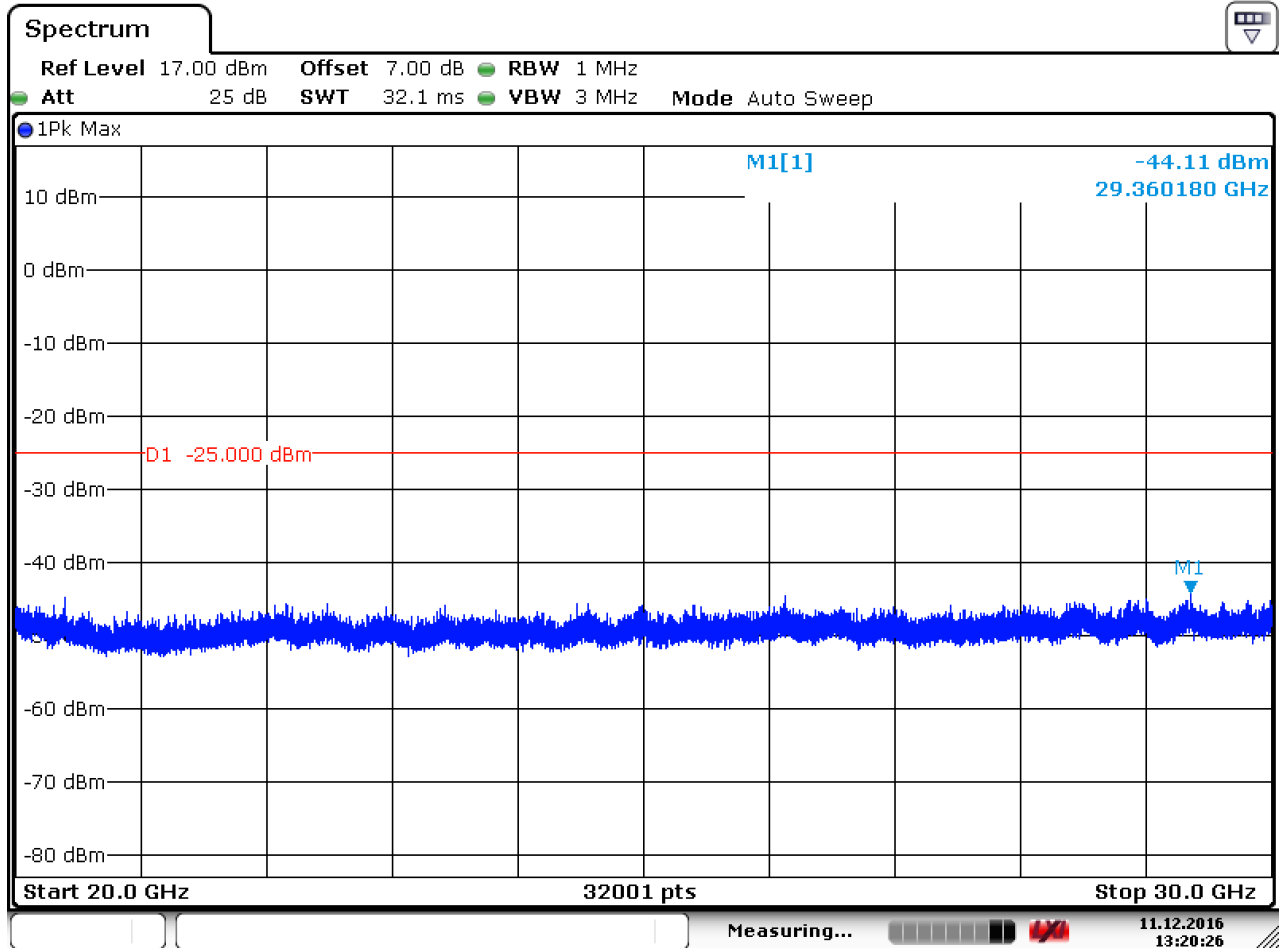
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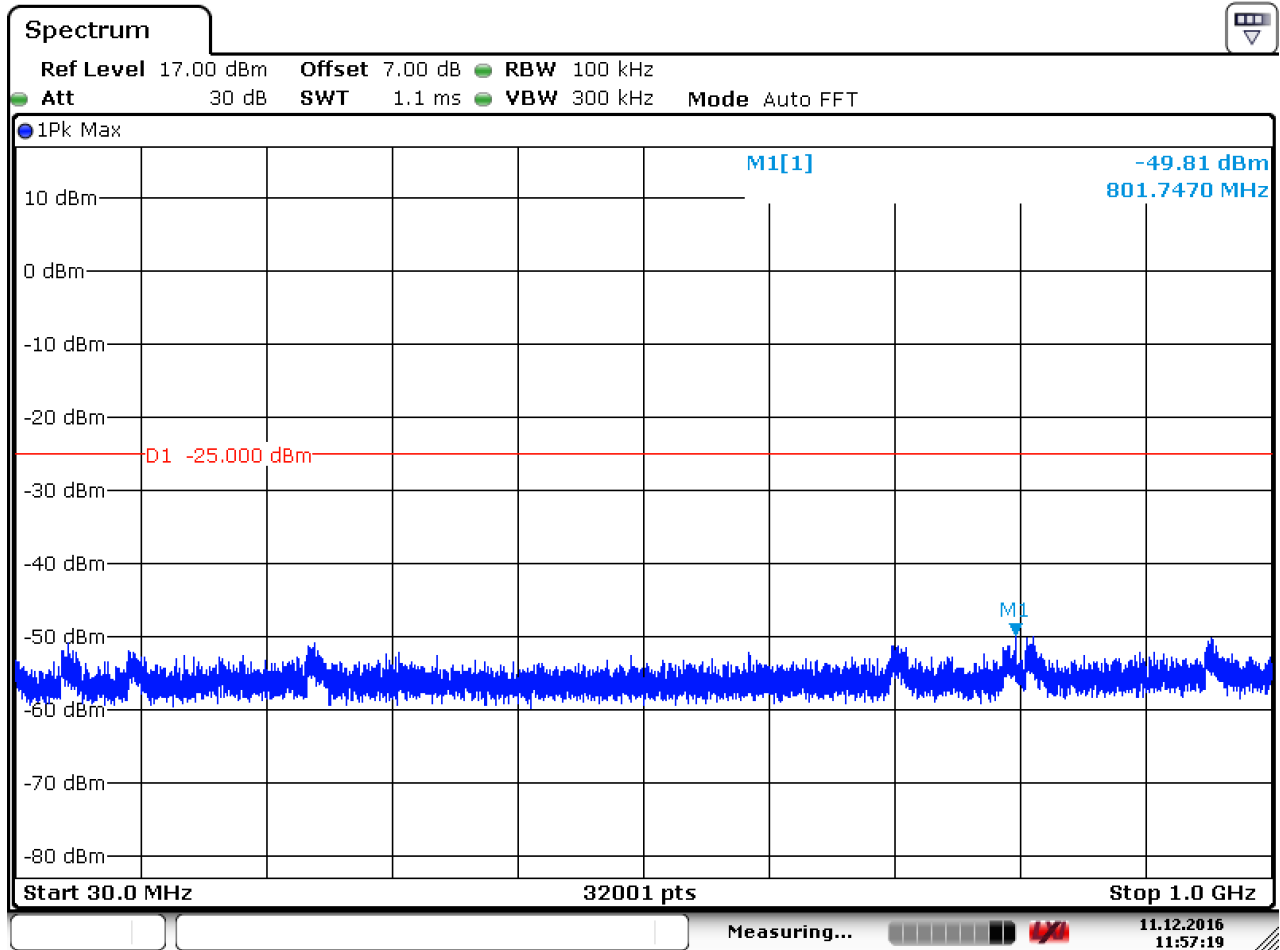


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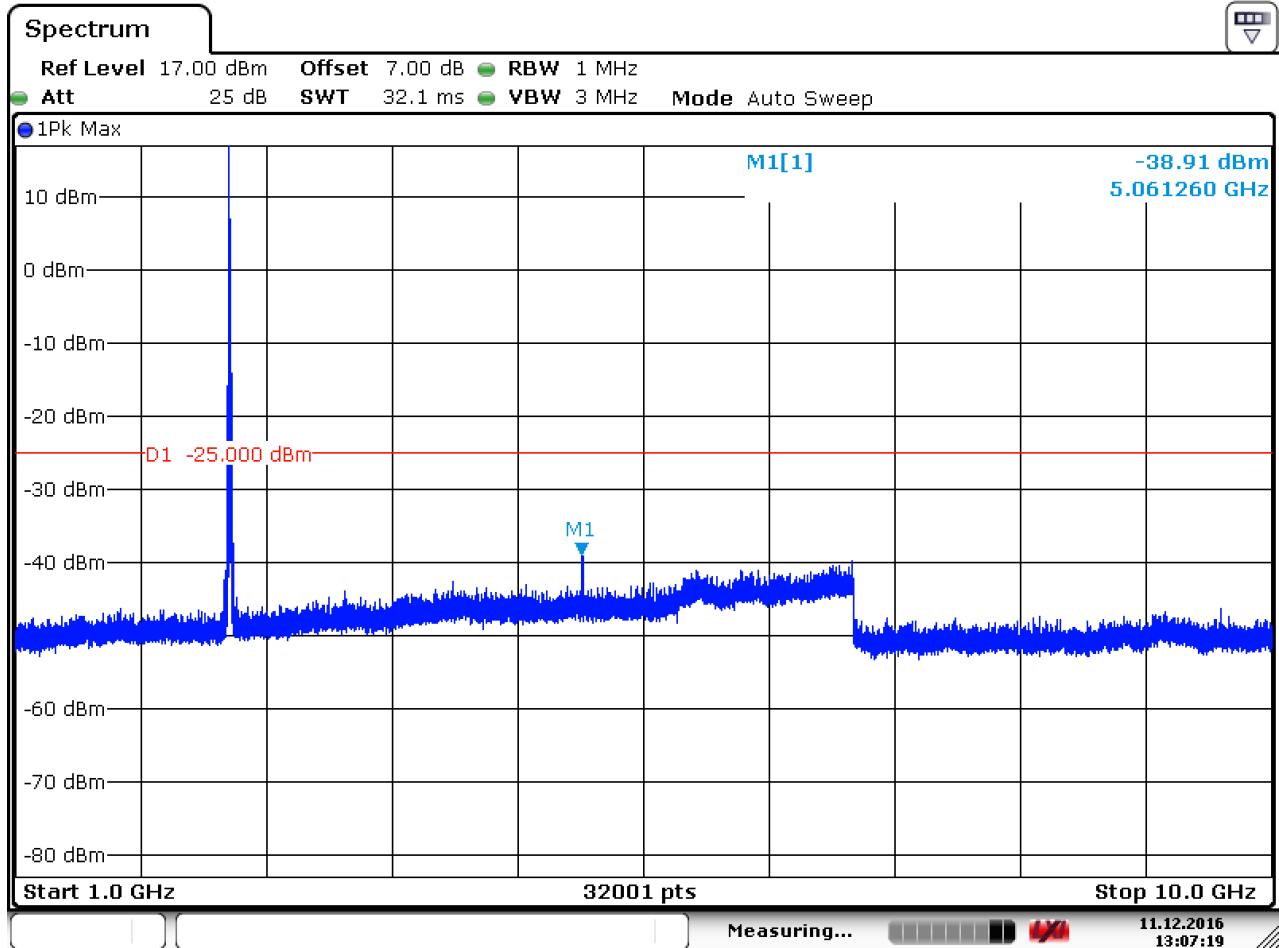


6.1.1.2.2 Test Channel = MCH



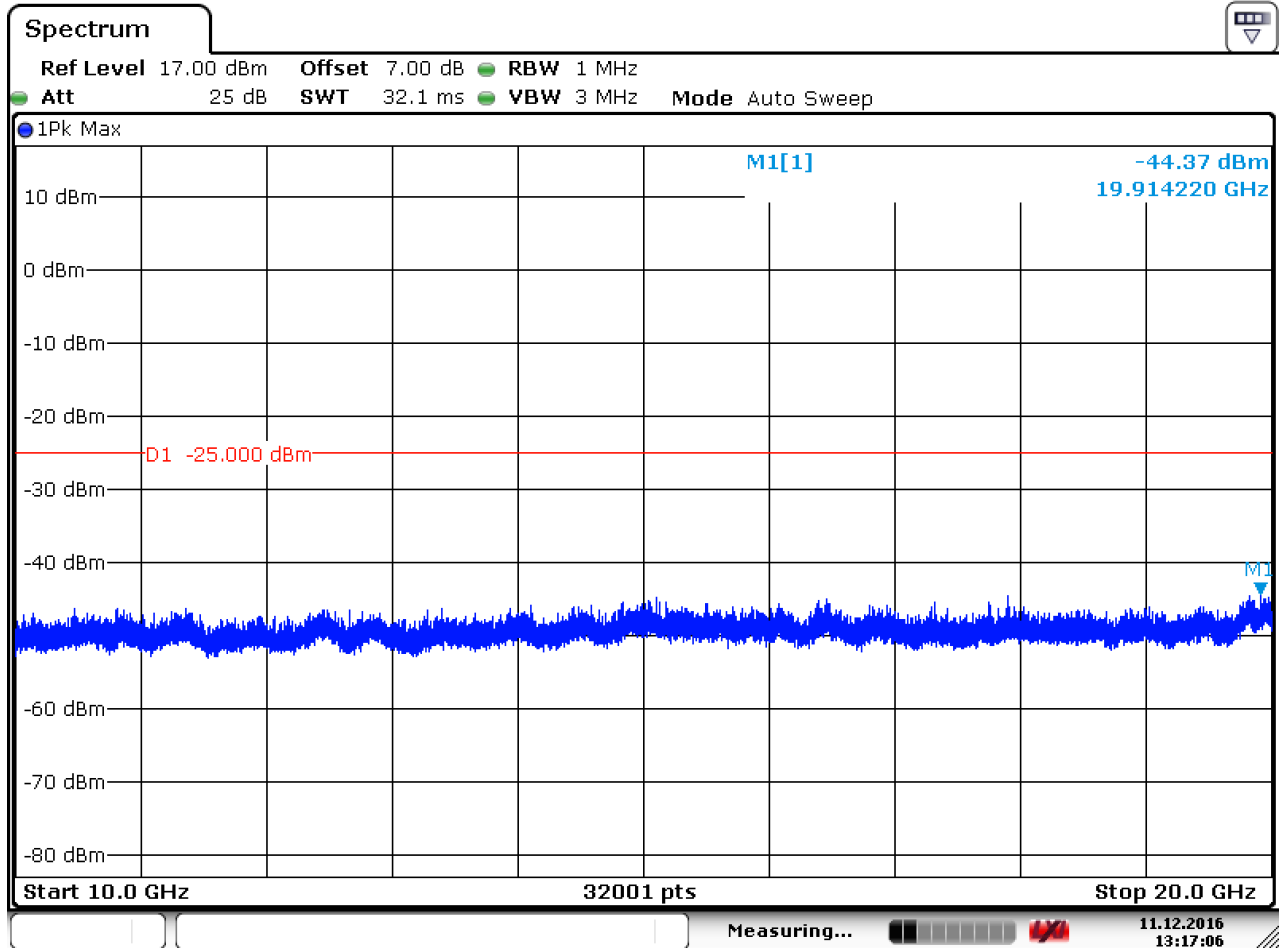
Date: 11.DEC.2016 11:57:19





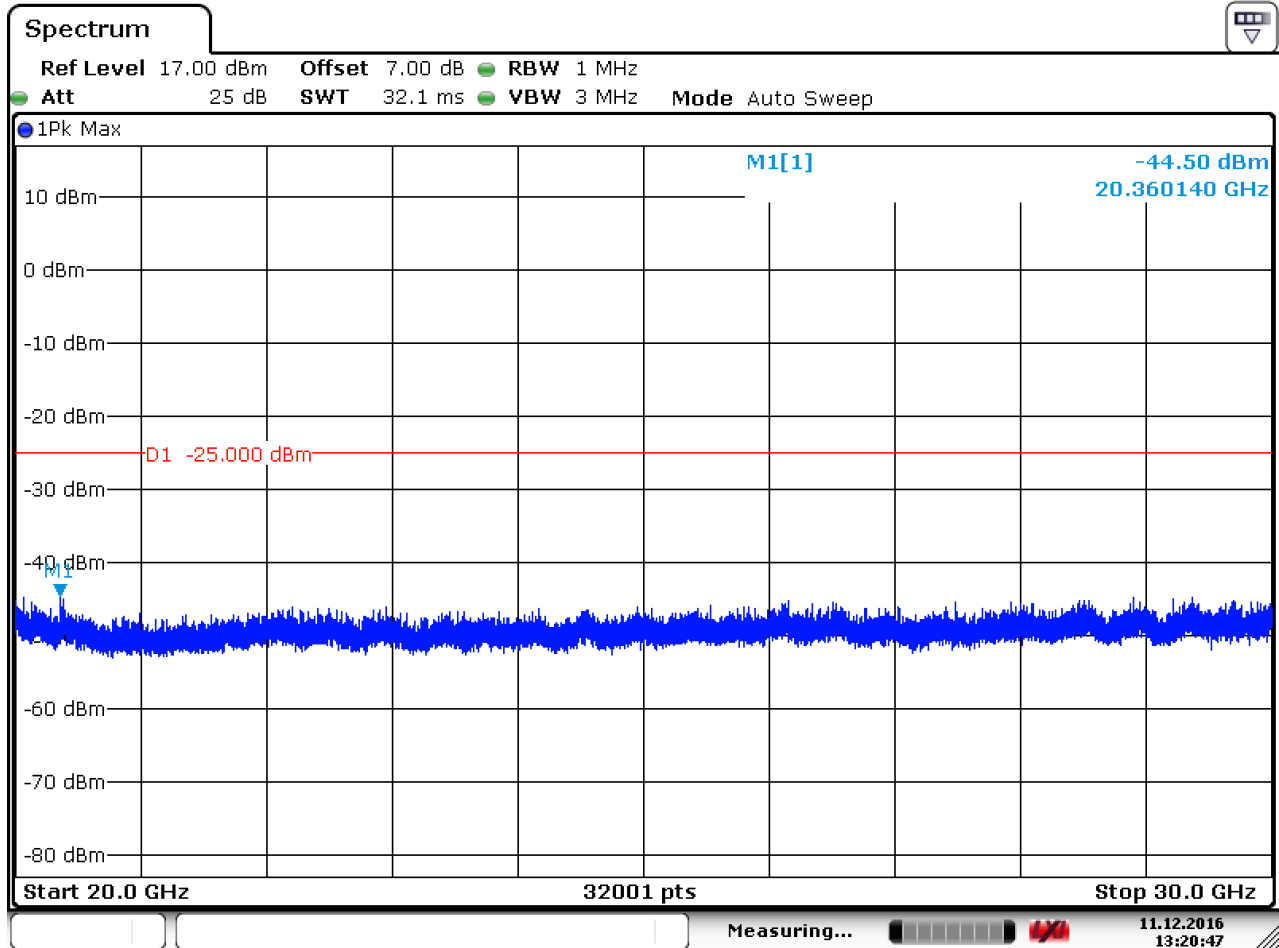
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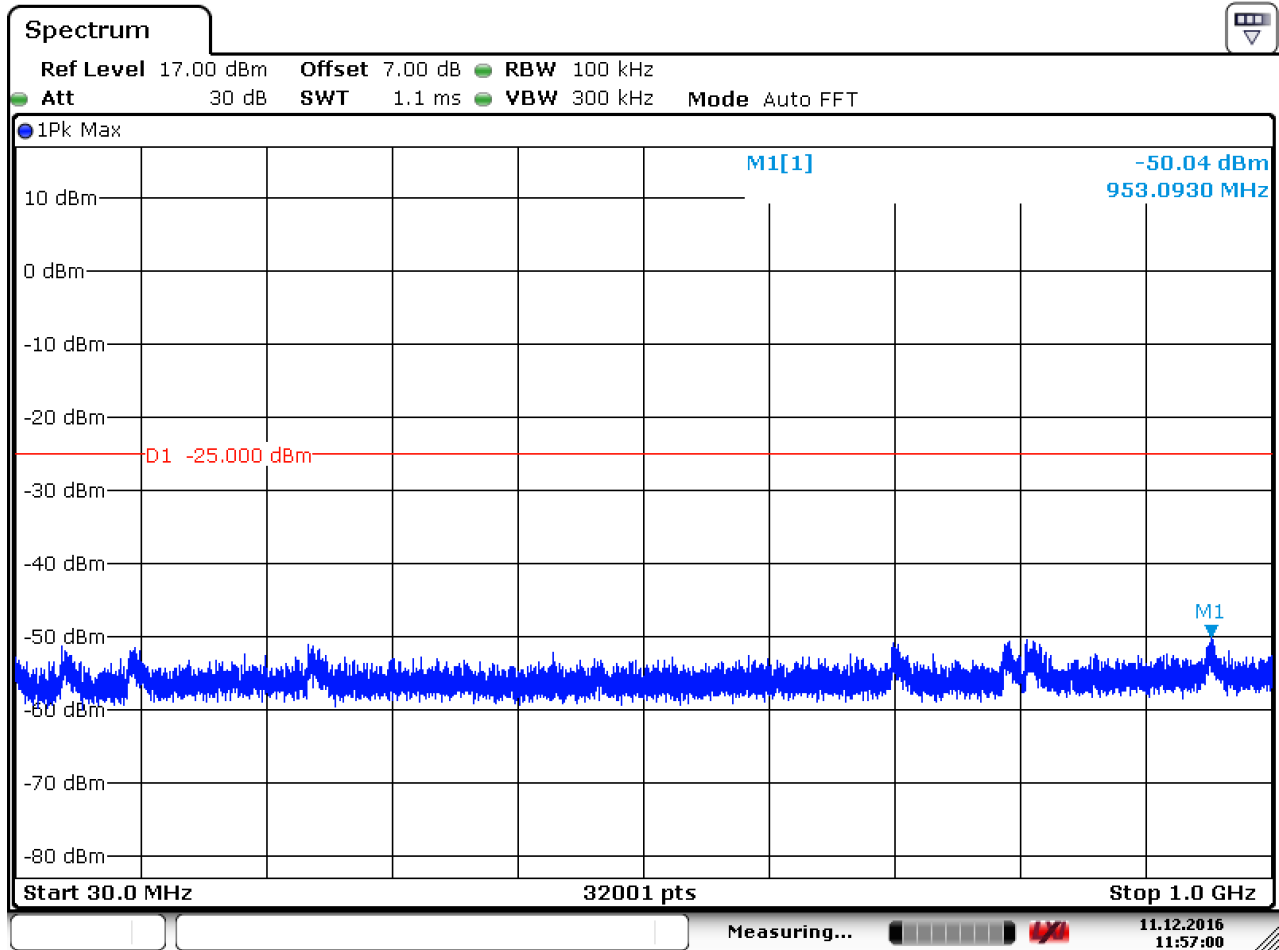


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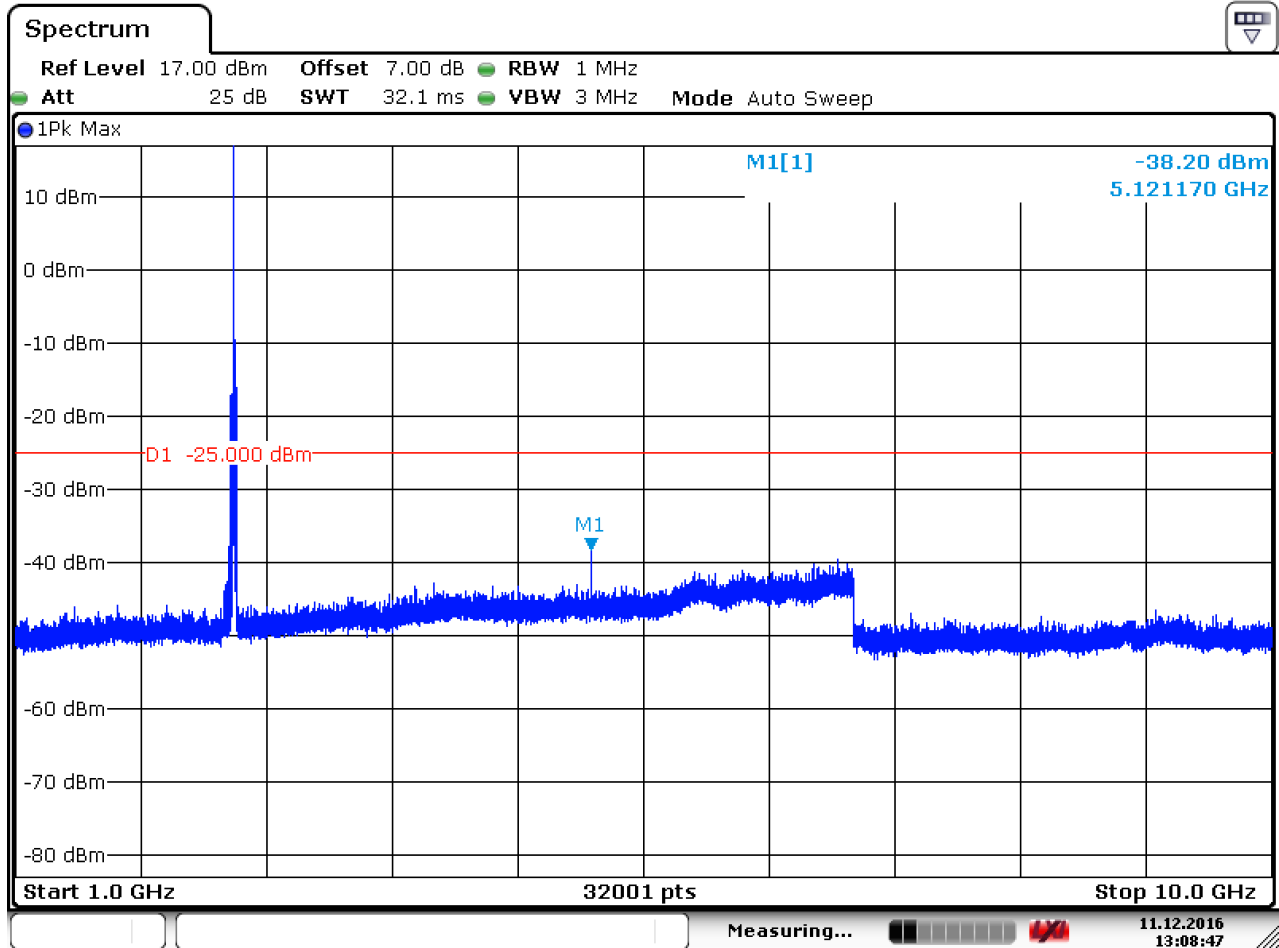


6.1.1.2.3 Test Channel = HCH



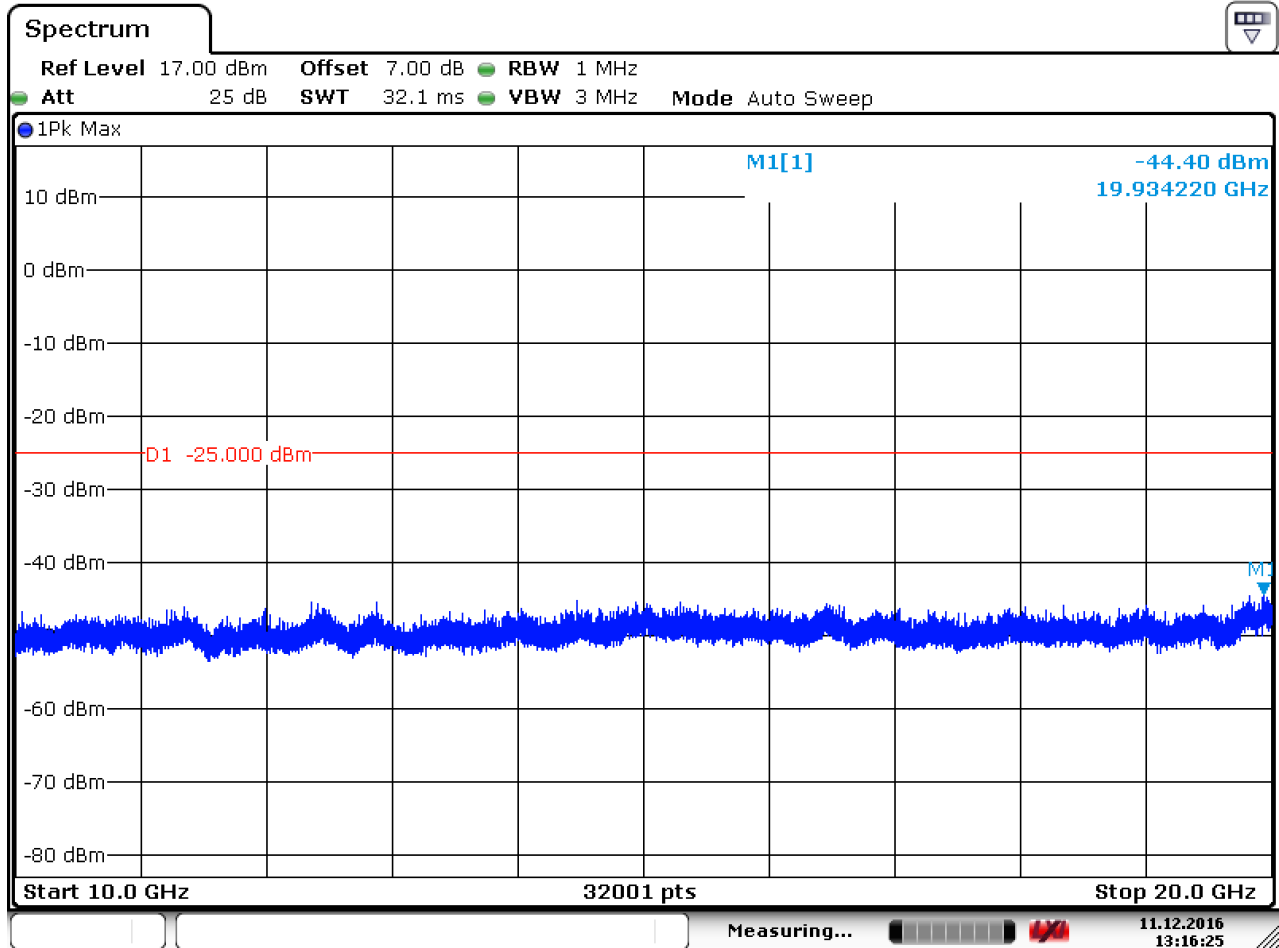
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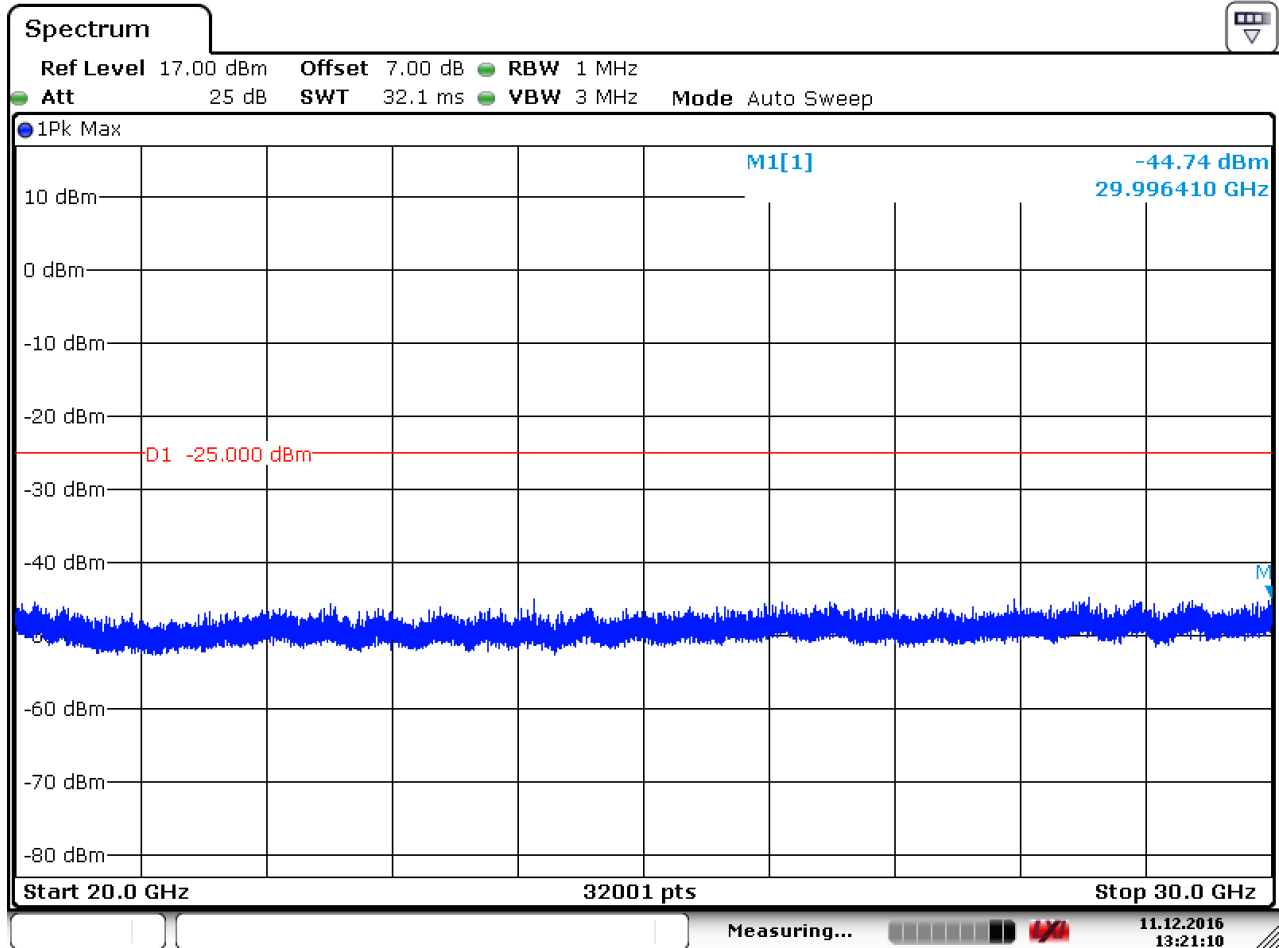
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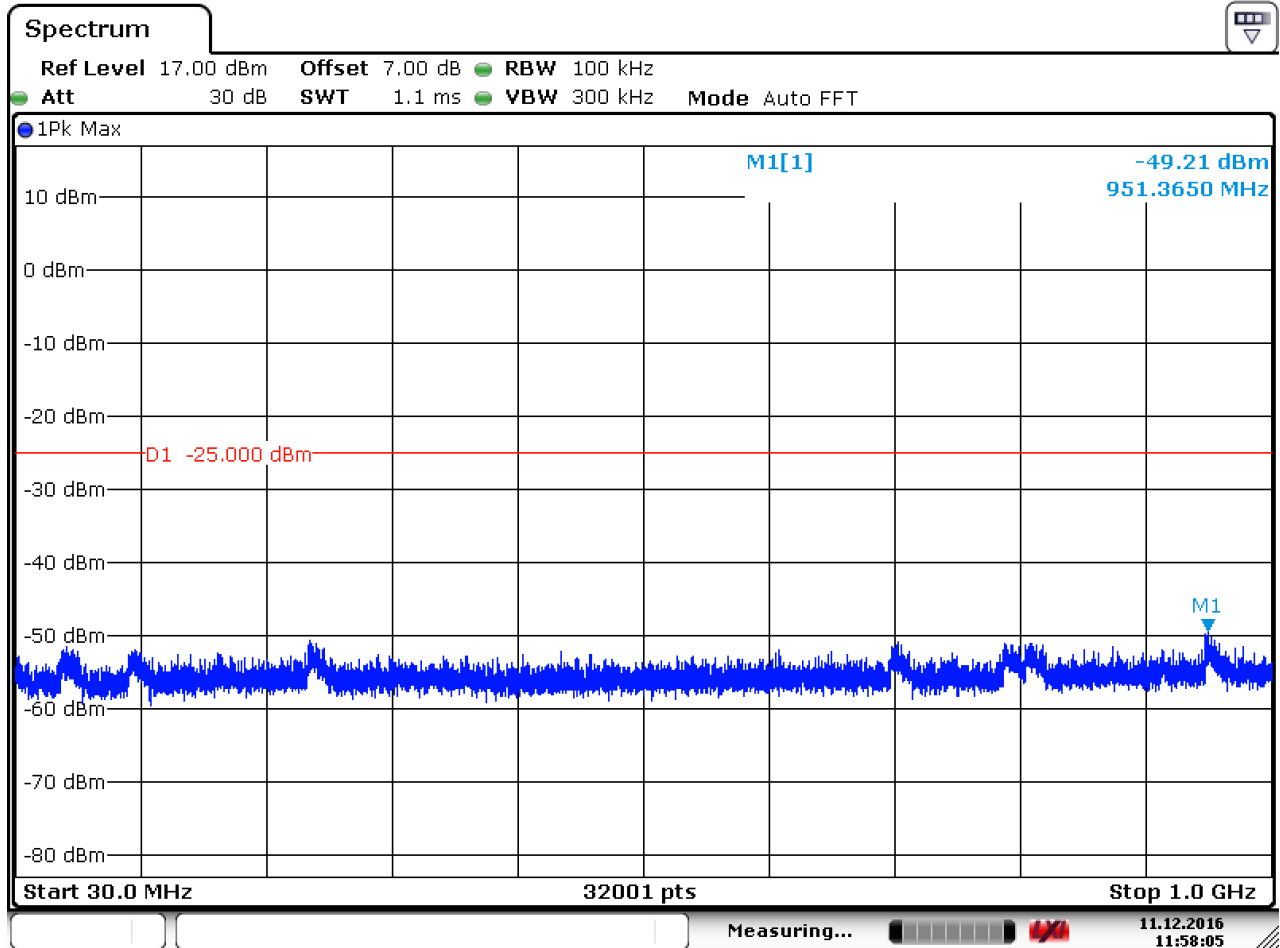
Date: 11.DEC.2016 13:21:10

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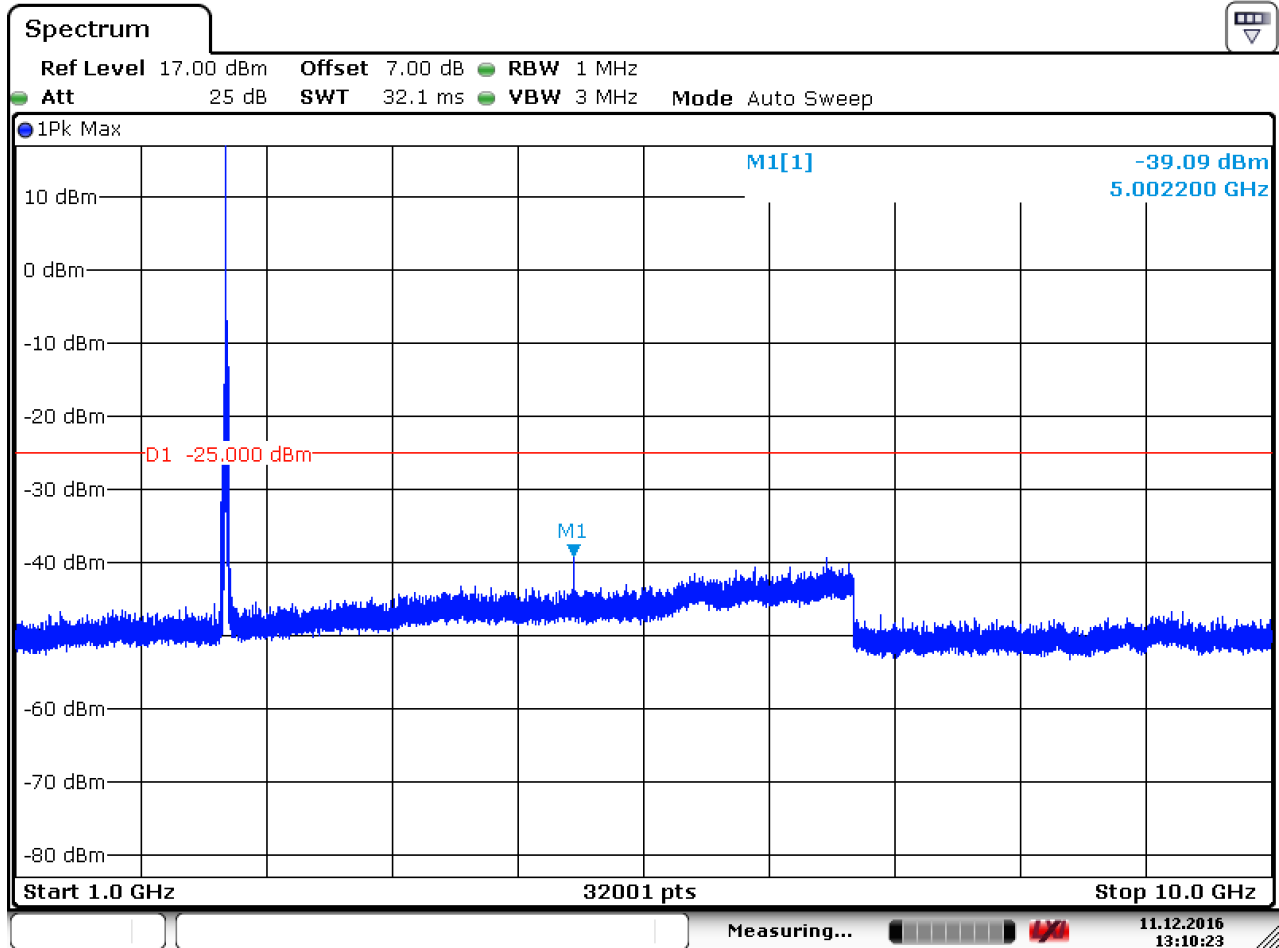
6.1.1.3 Test Mode = LTE / TM1 15MHz RB1#0

6.1.1.3.1 Test Channel = LCH



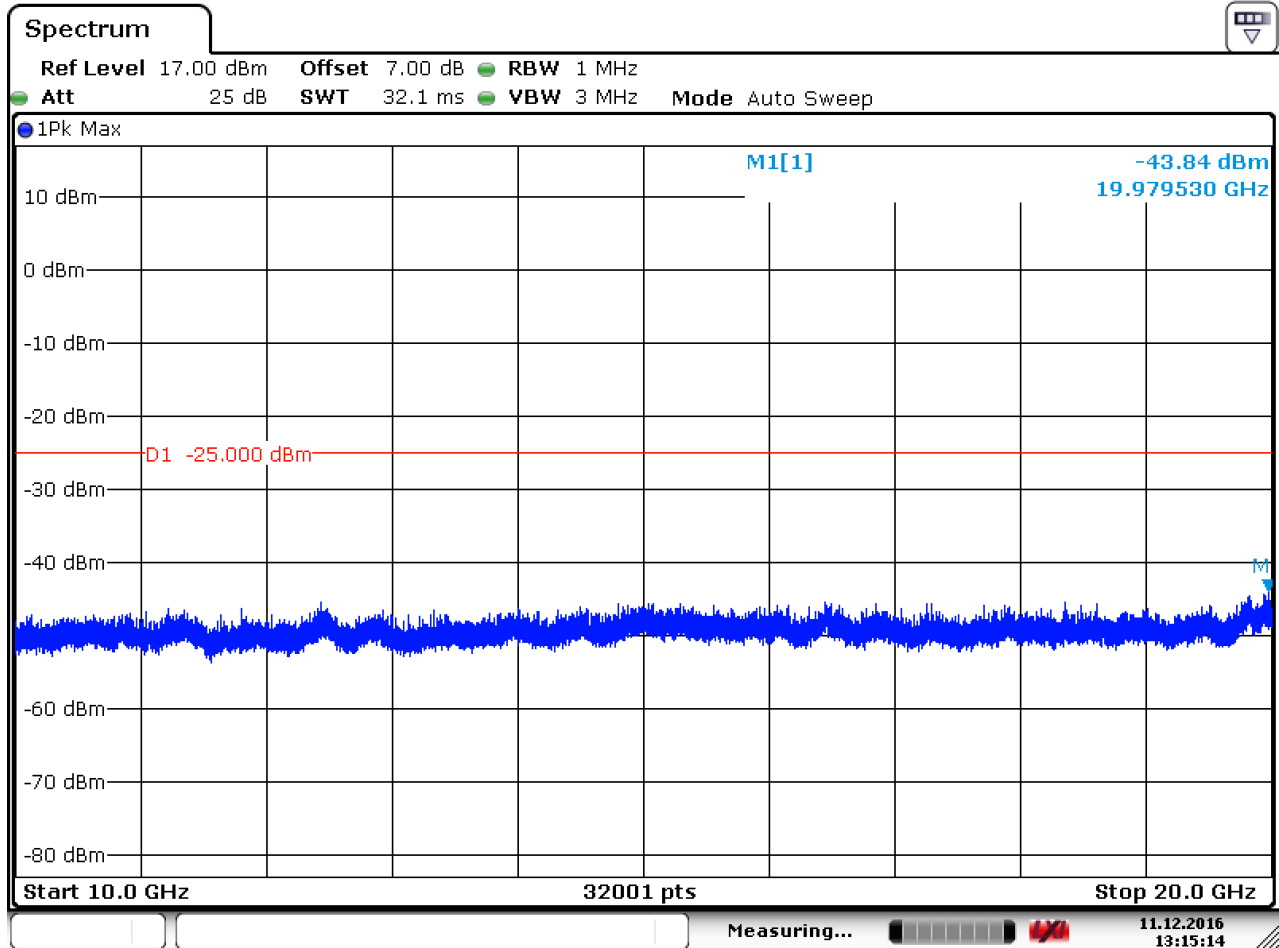
Date: 11.DEC.2016 11:58:05





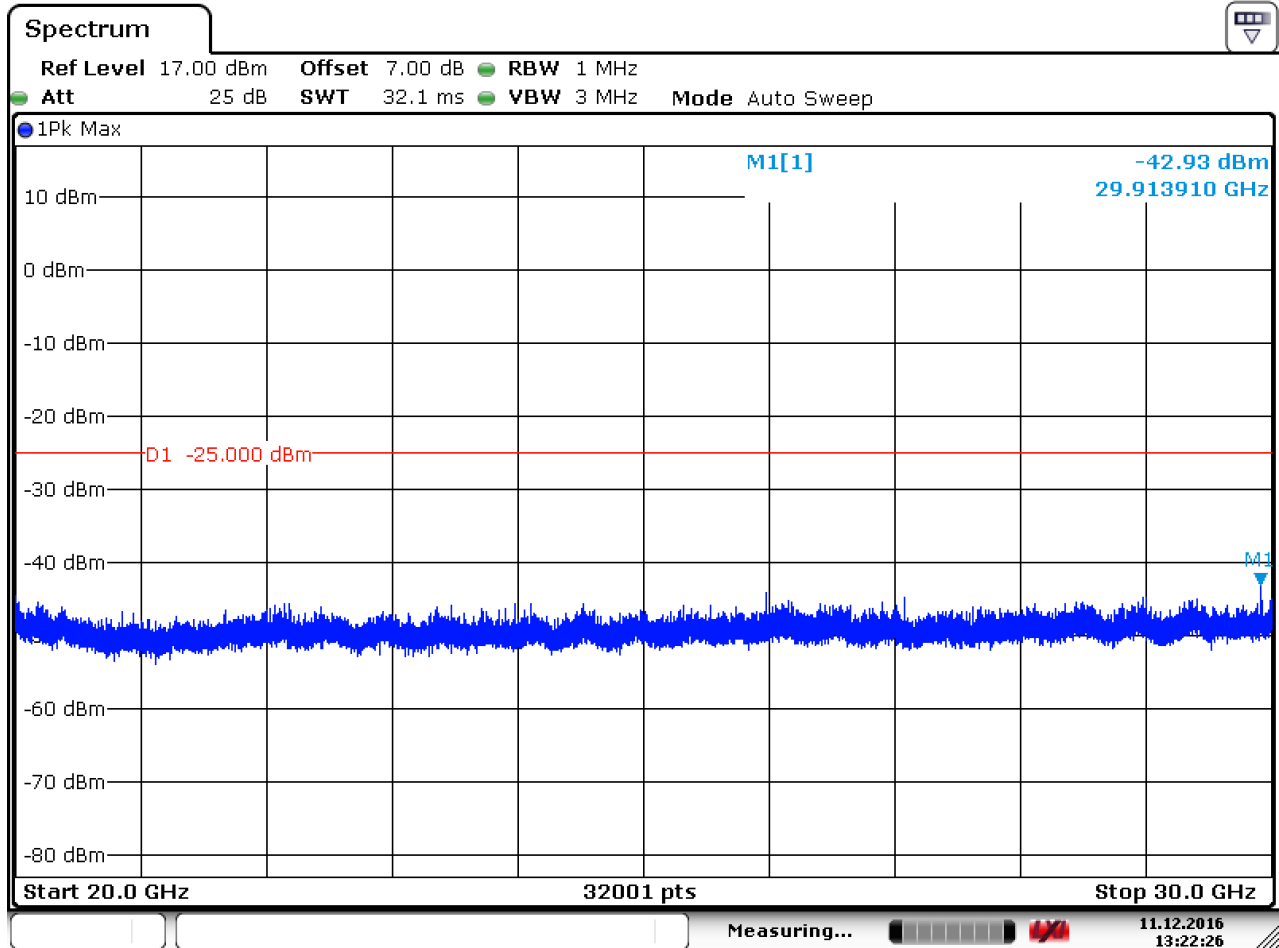
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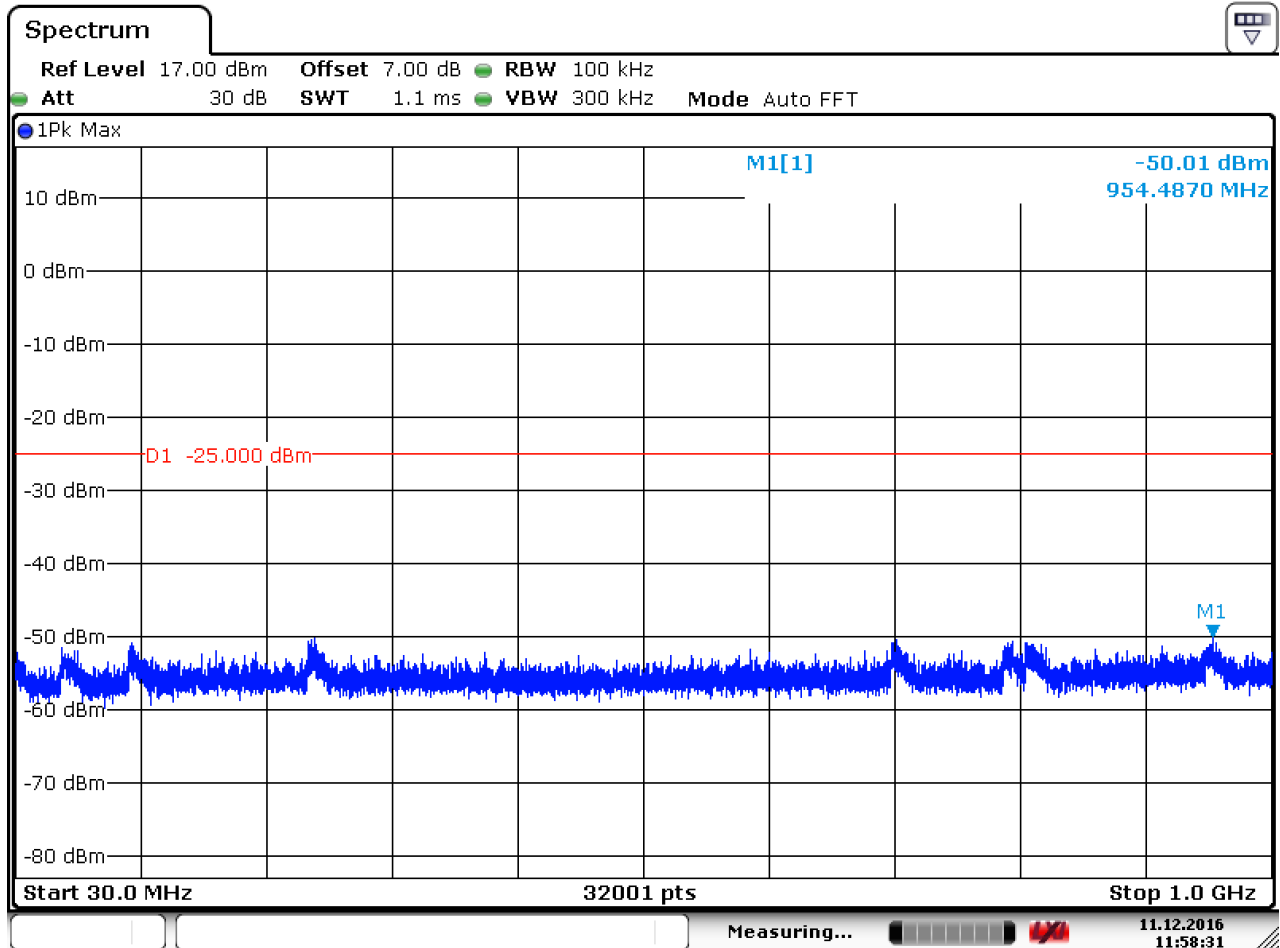


Date: 11.DEC.2016 13:22:26

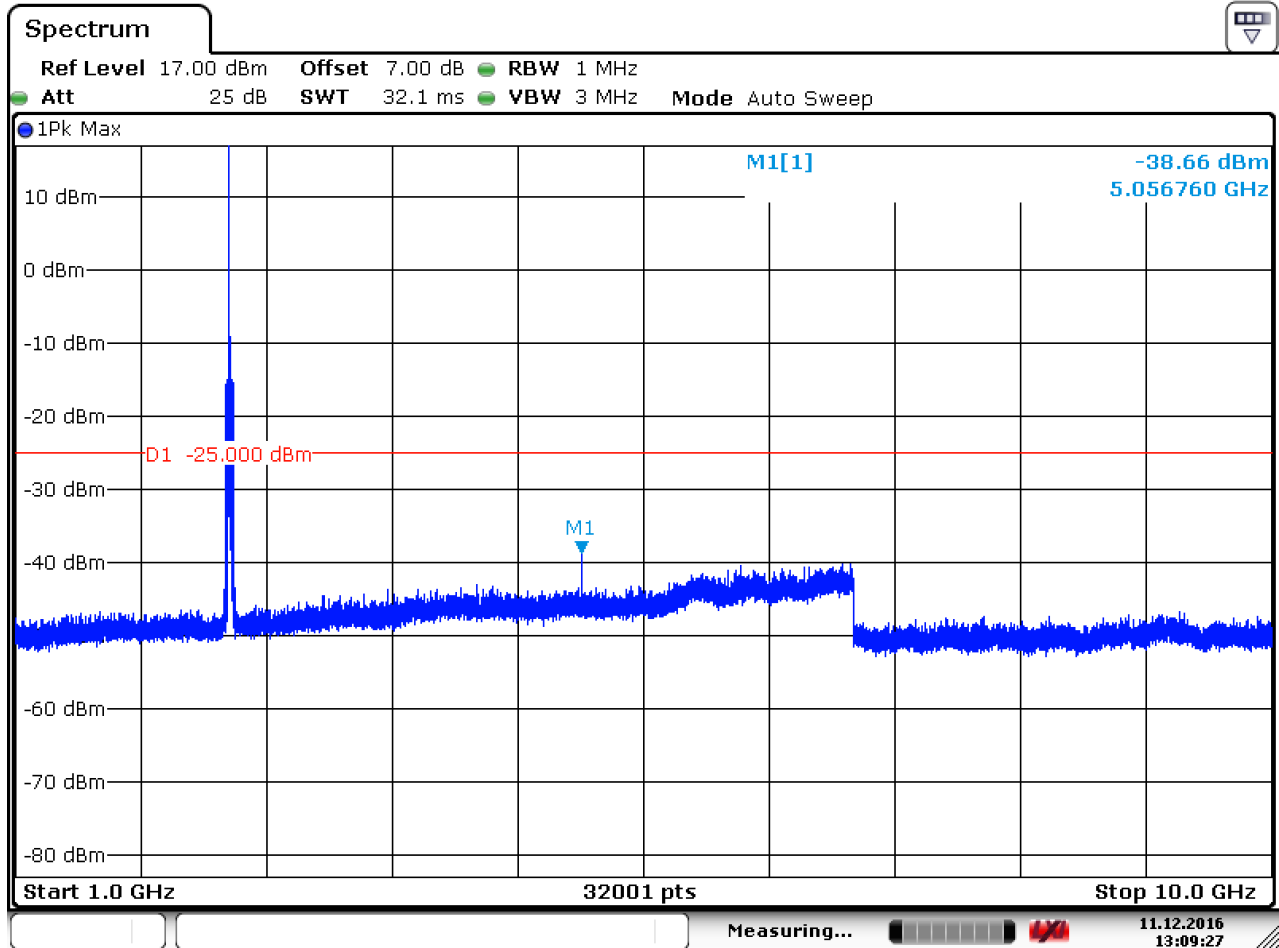
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6.1.1.3.2 Test Channel = MCH

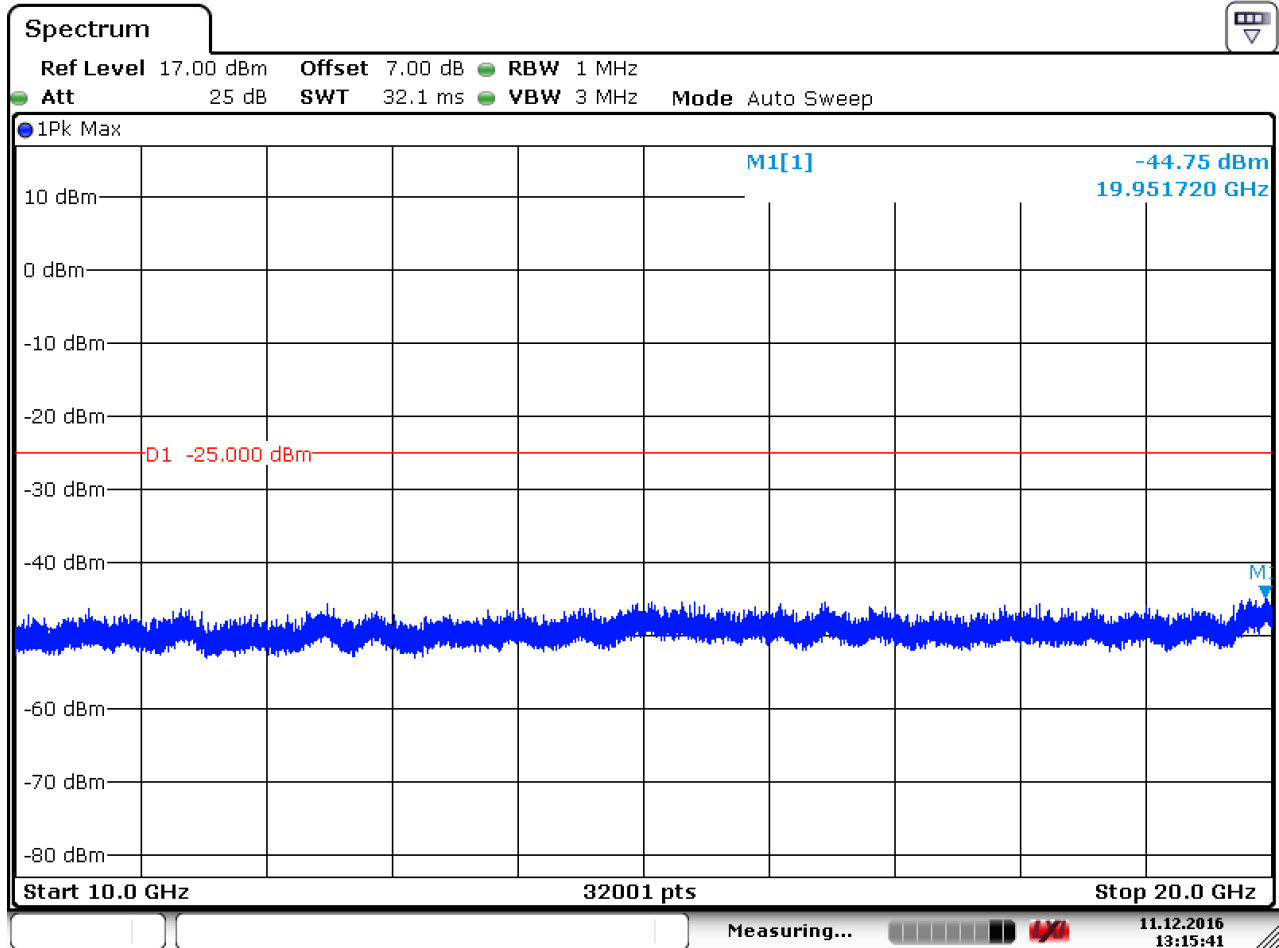


Date: 11.DEC.2016 11:58:31



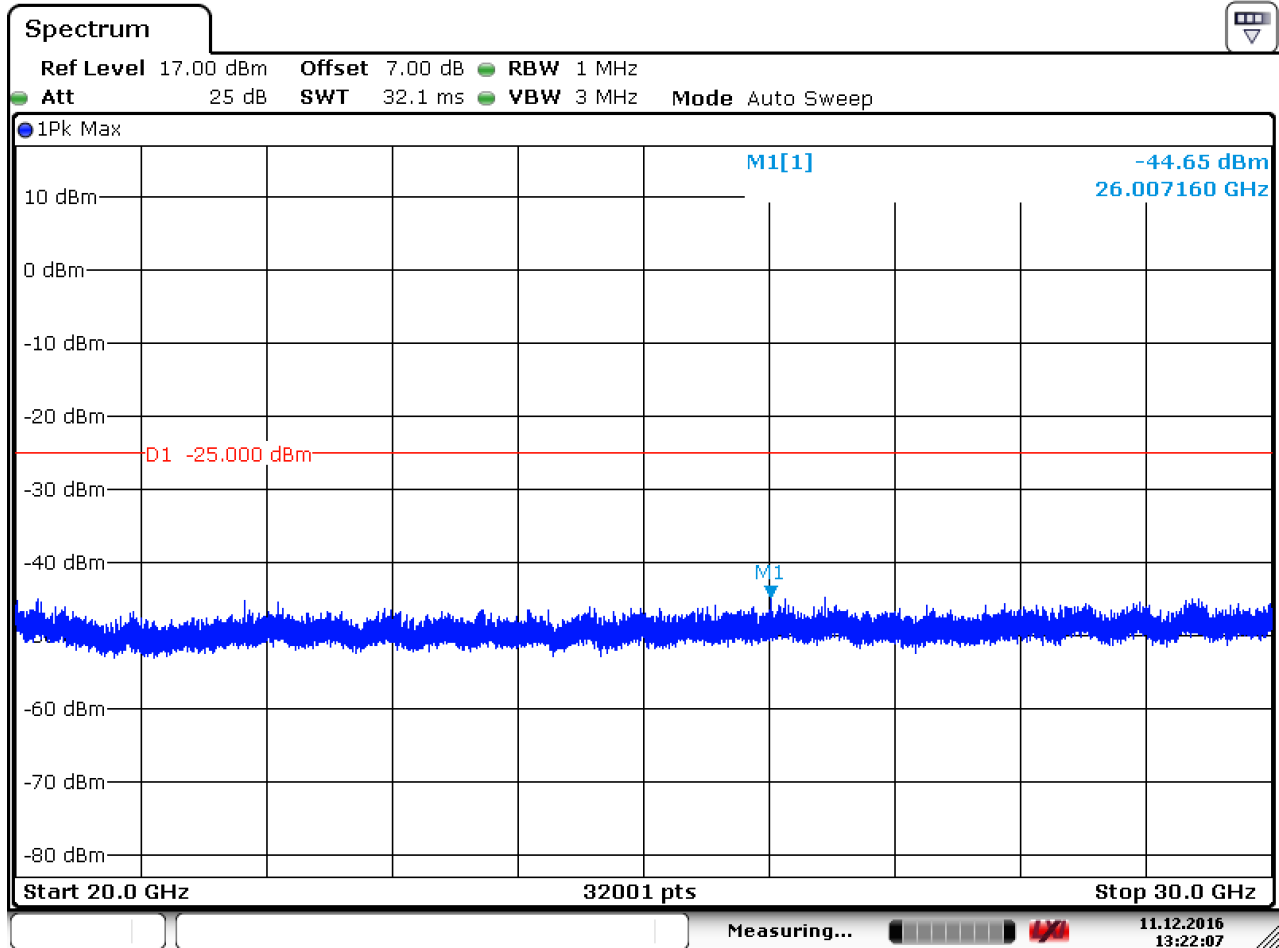
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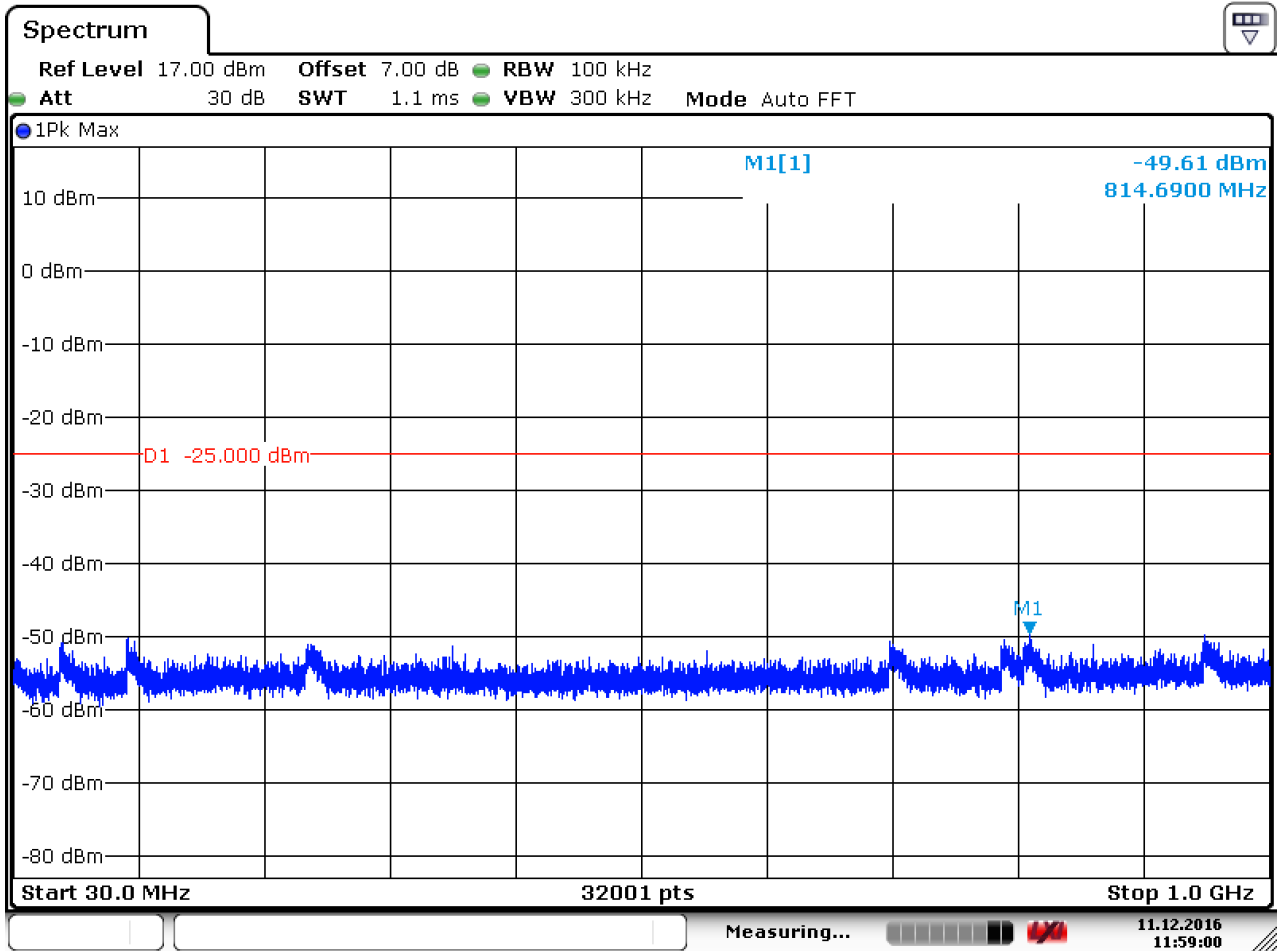


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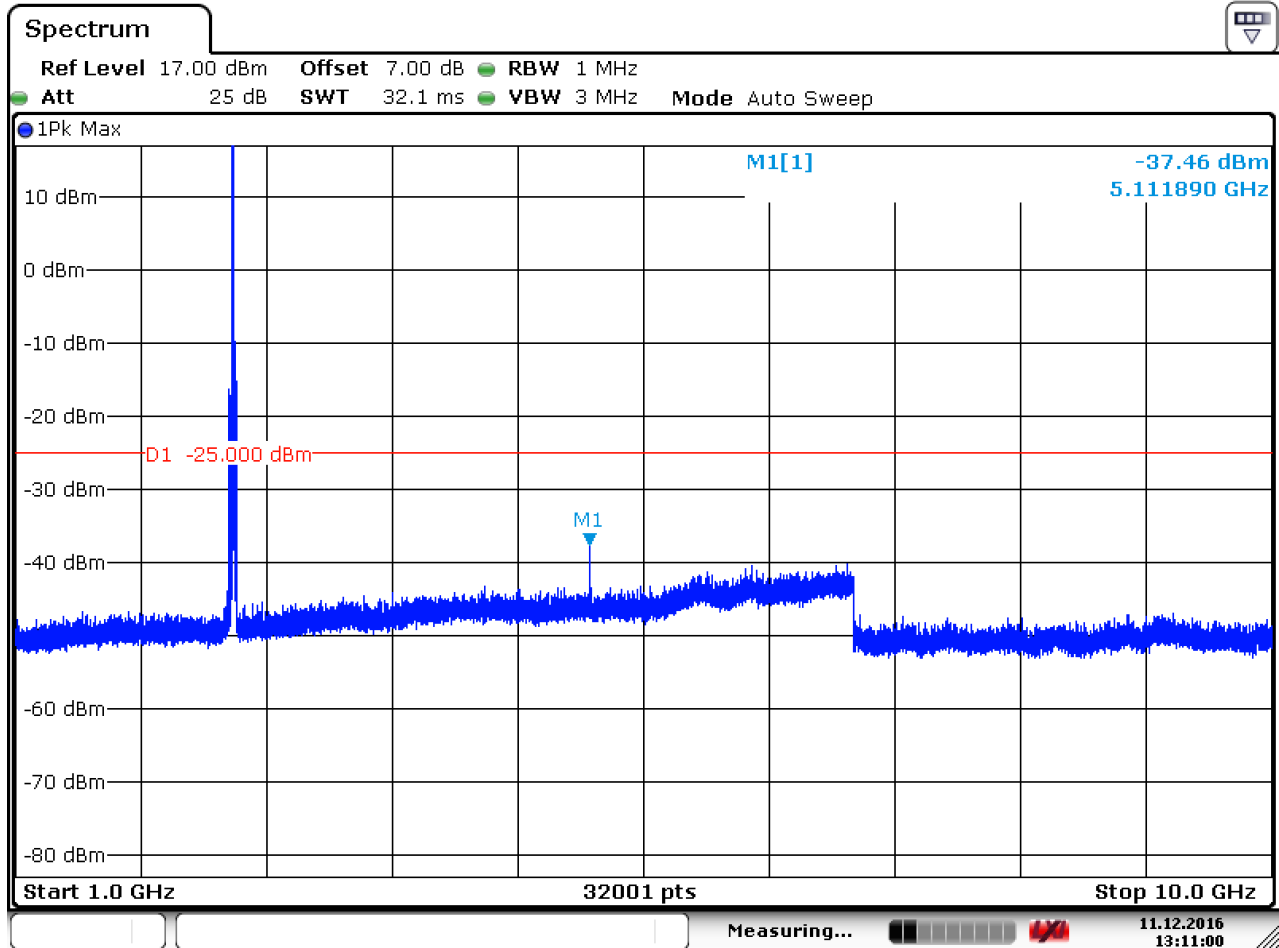
6.1.1.3.3 Test Channel = HCH



Date: 11.DEC.2016 11:59:00

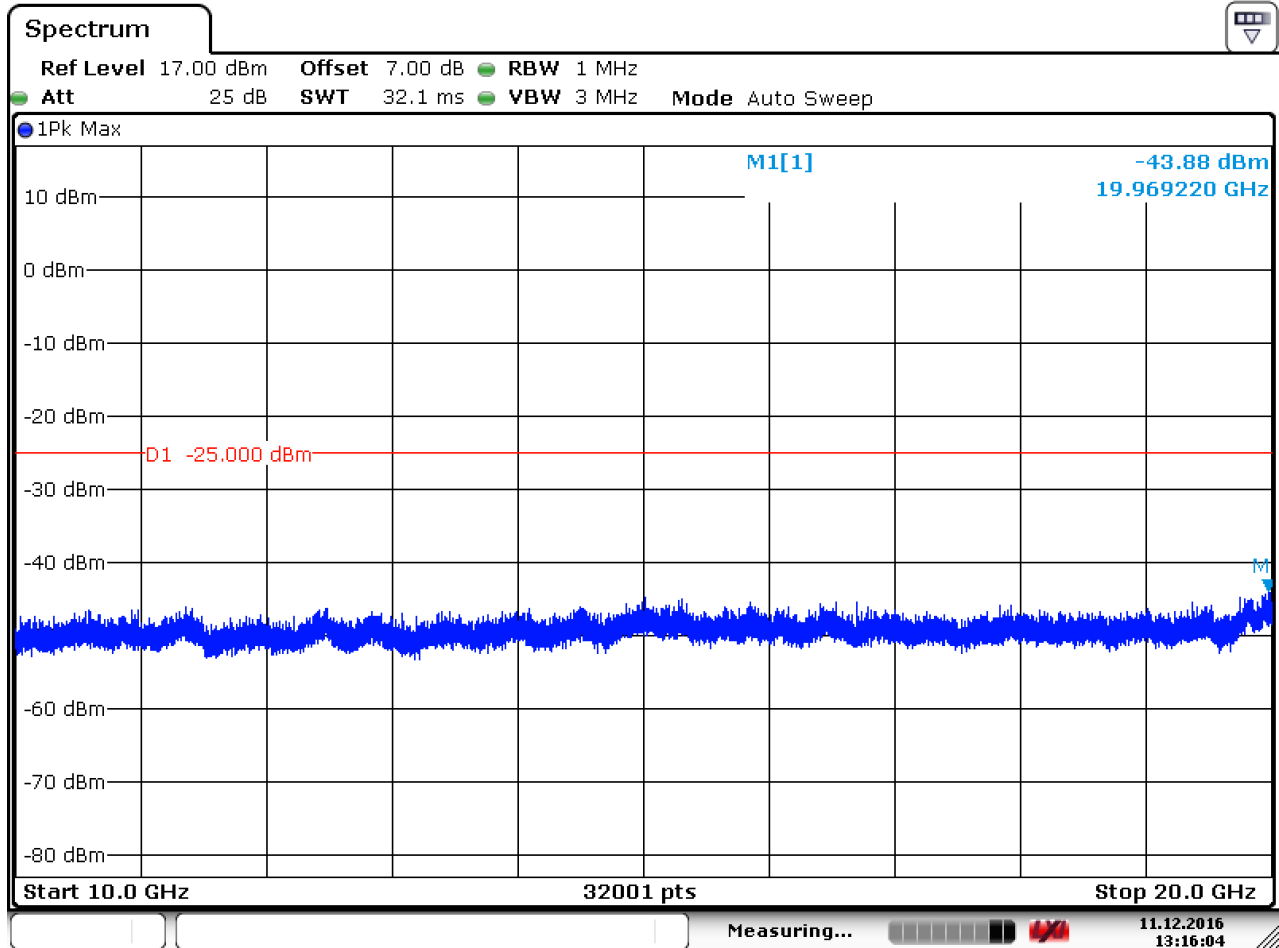
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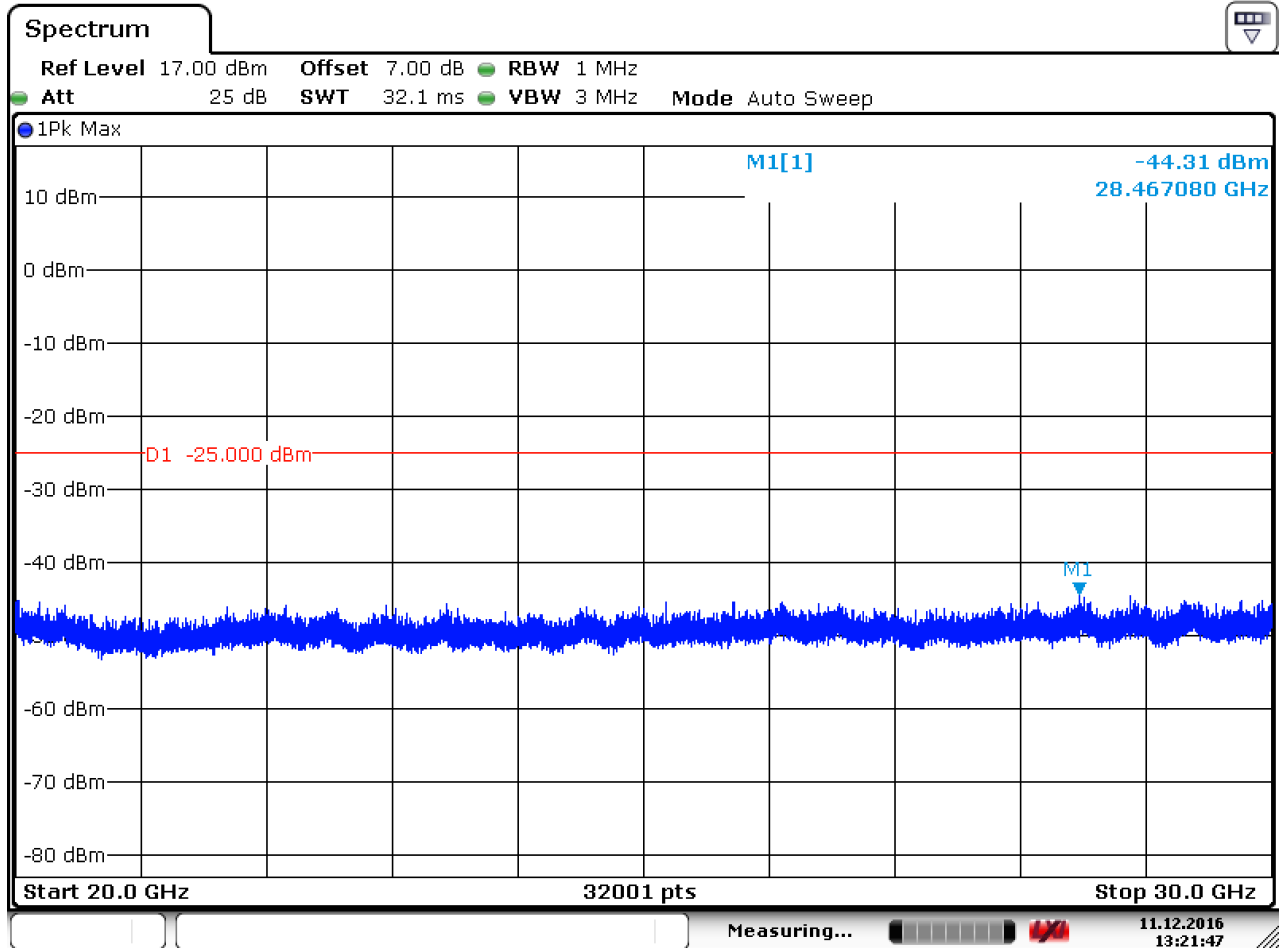
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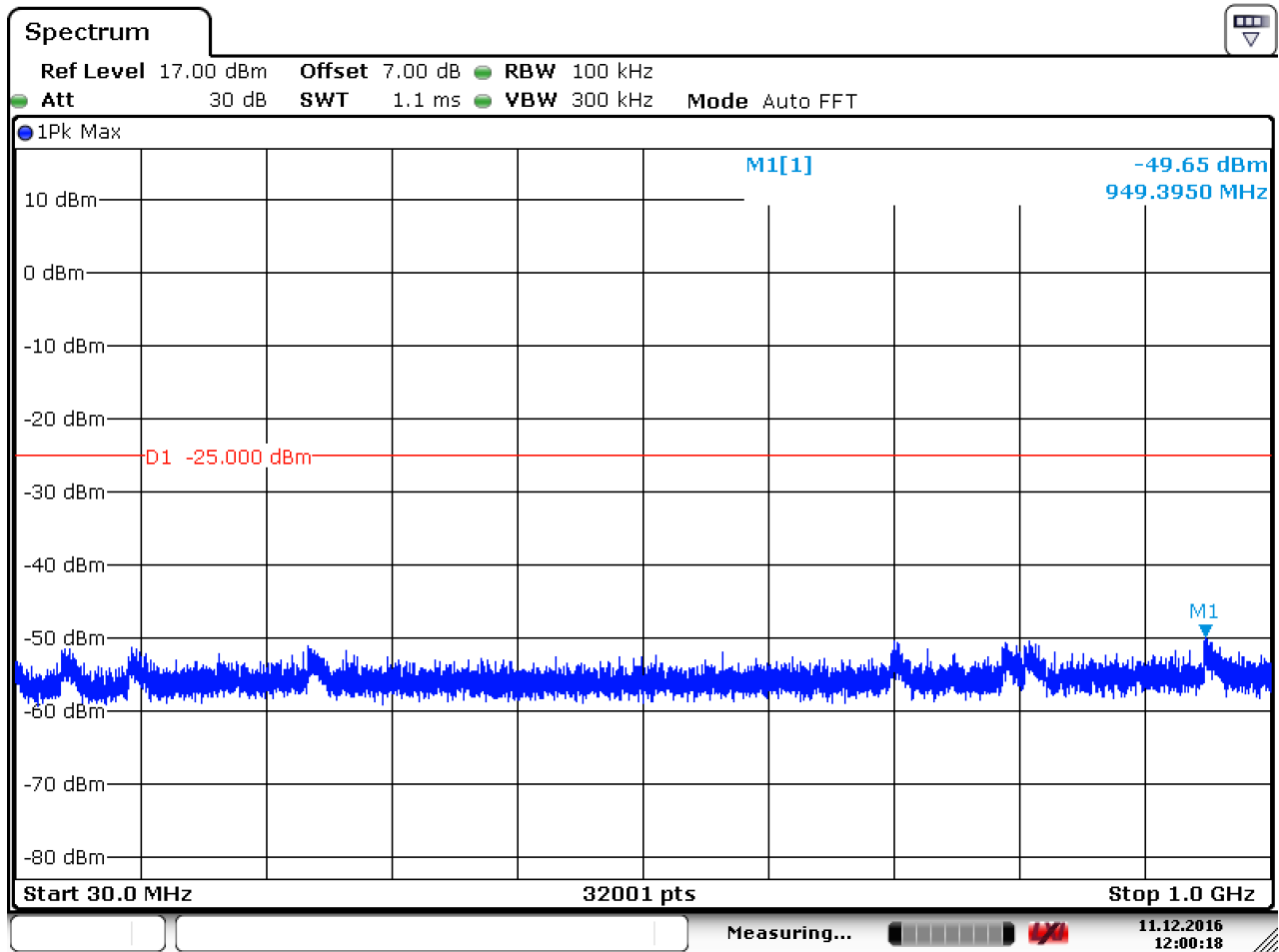
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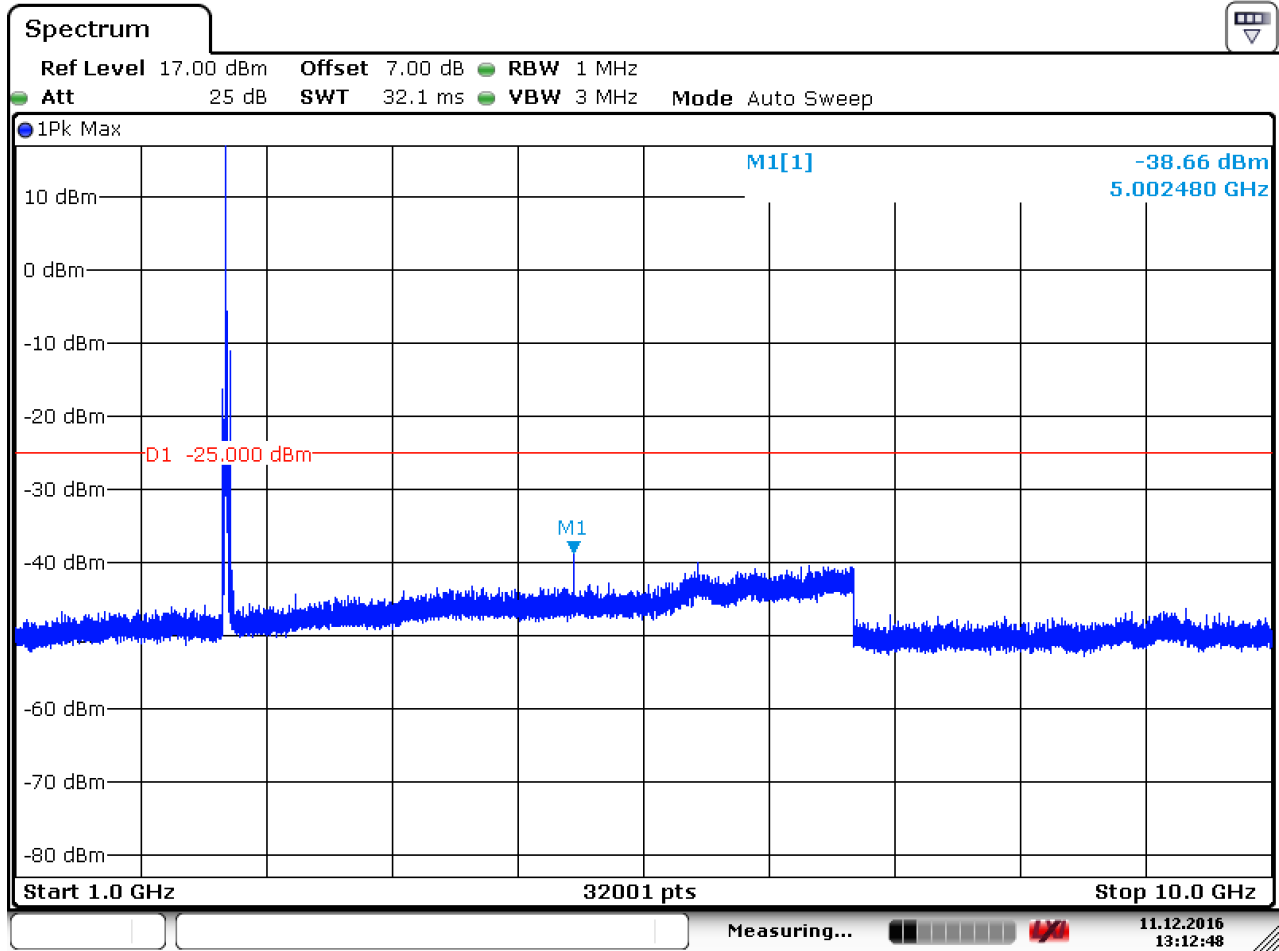
6.1.1.4 Test Mode = LTE / TM1 20MHz RB1#0

6.1.1.4.1 Test Channel = LCH



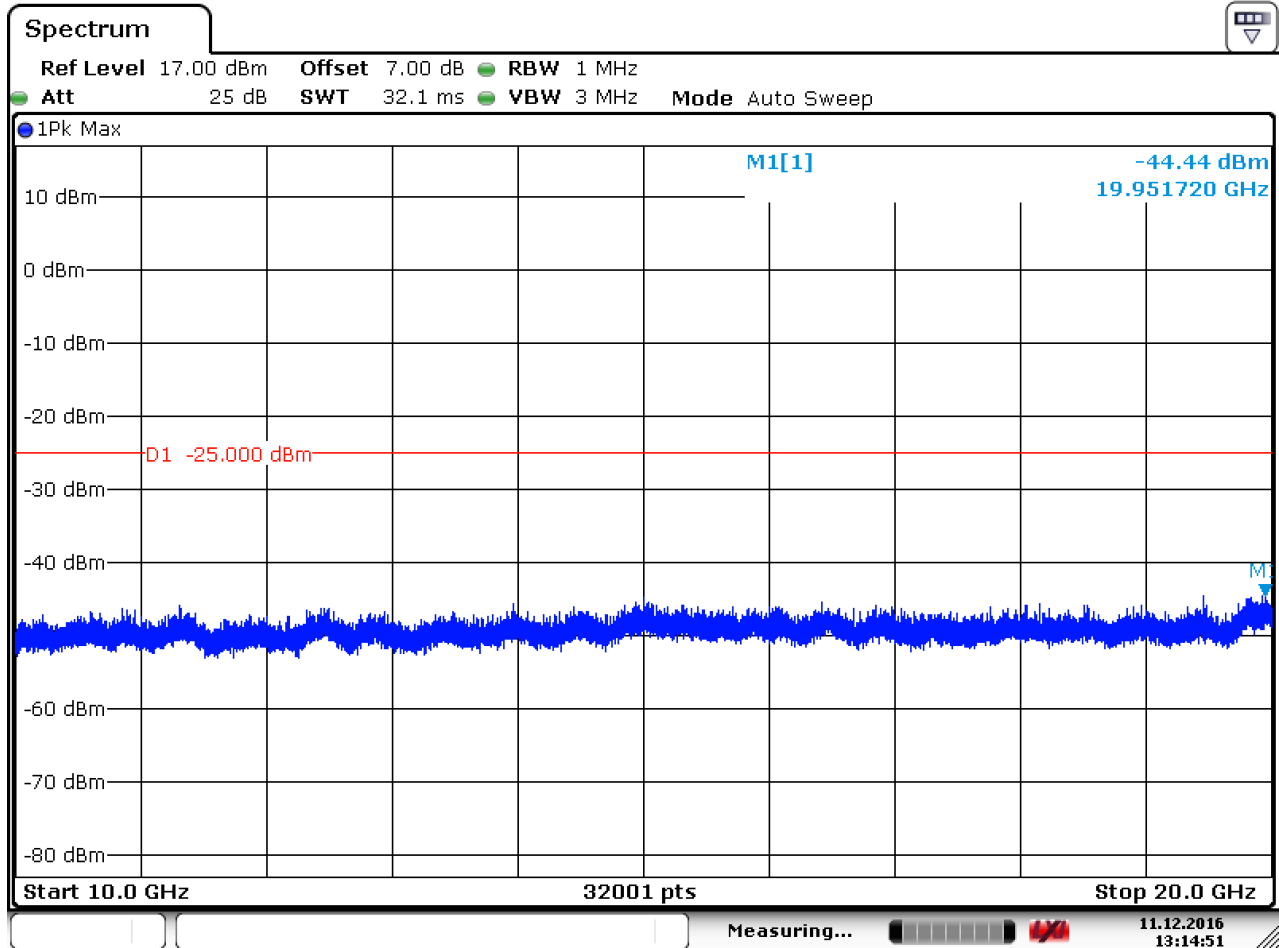
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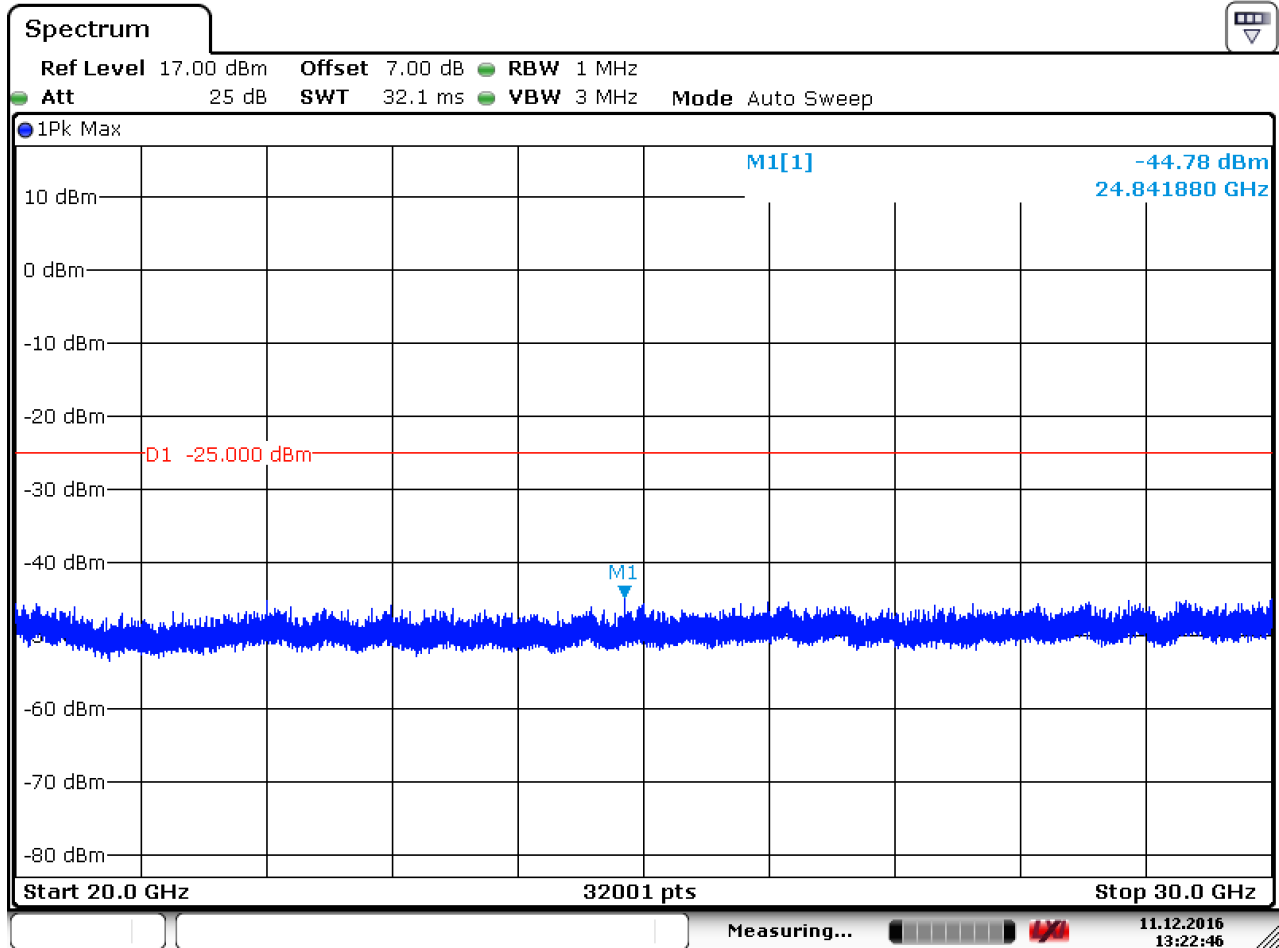
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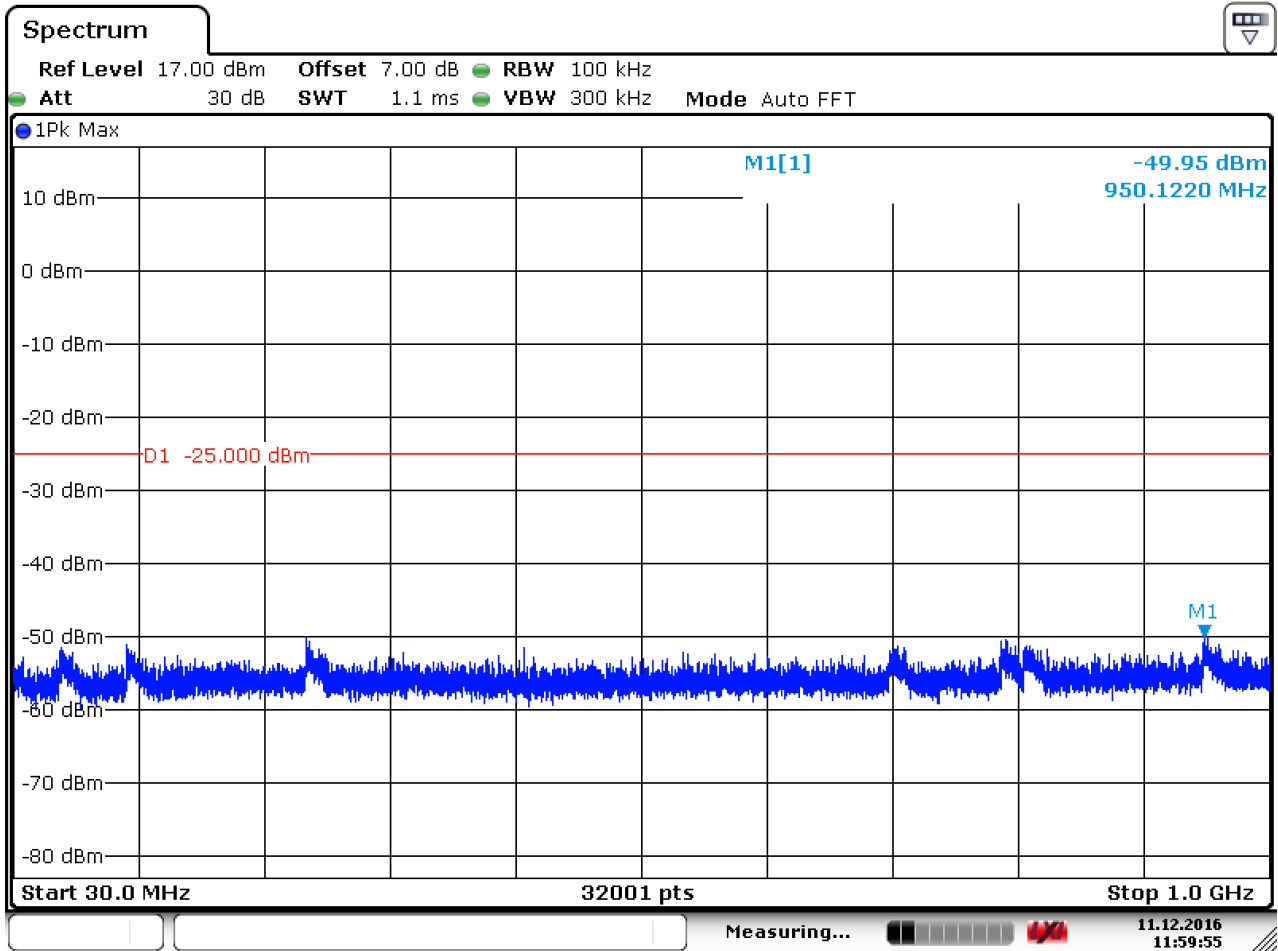


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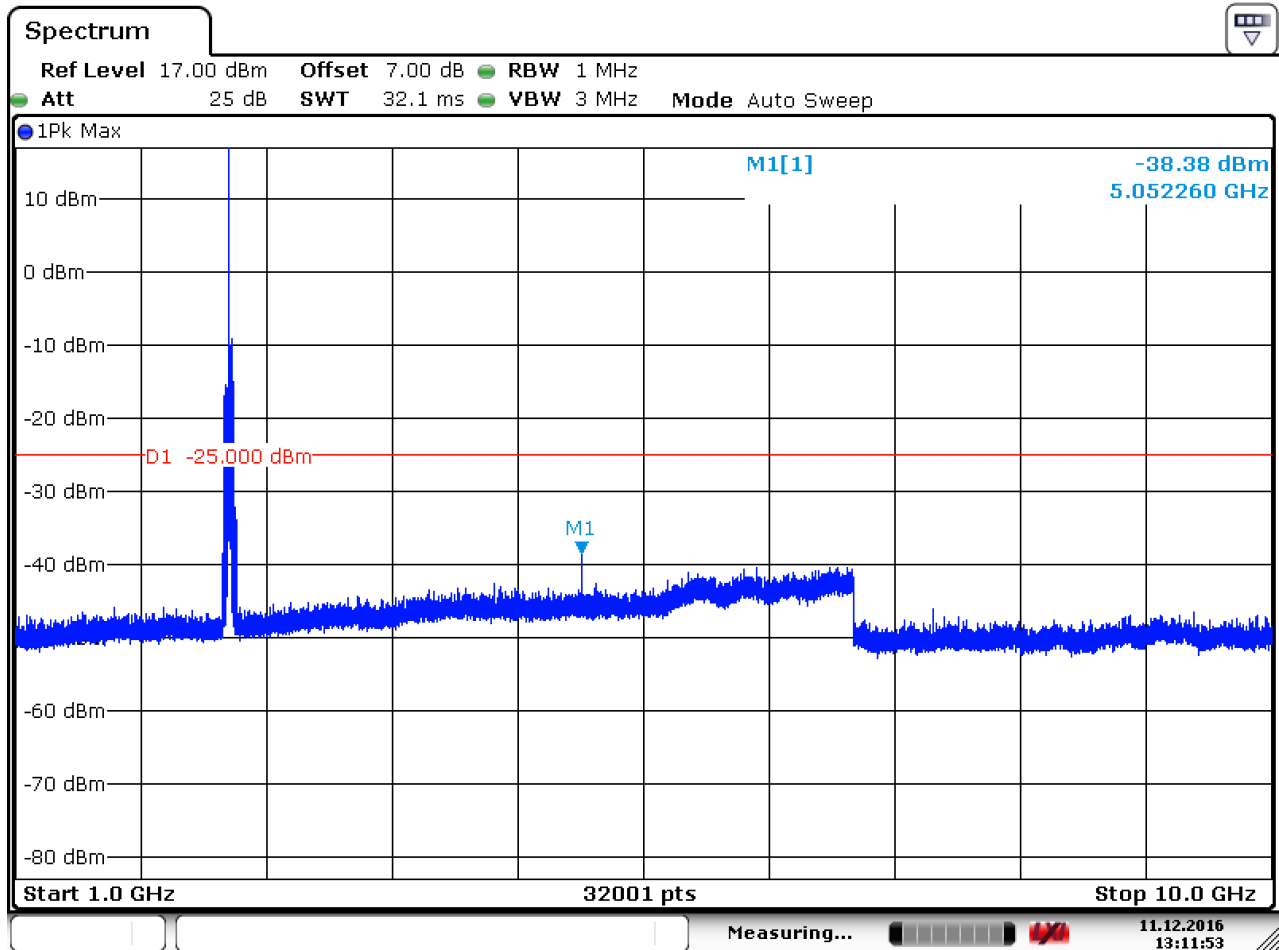
6.1.1.4.2 Test Channel = MCH



Date: 11.DEC.2016 11:59:56

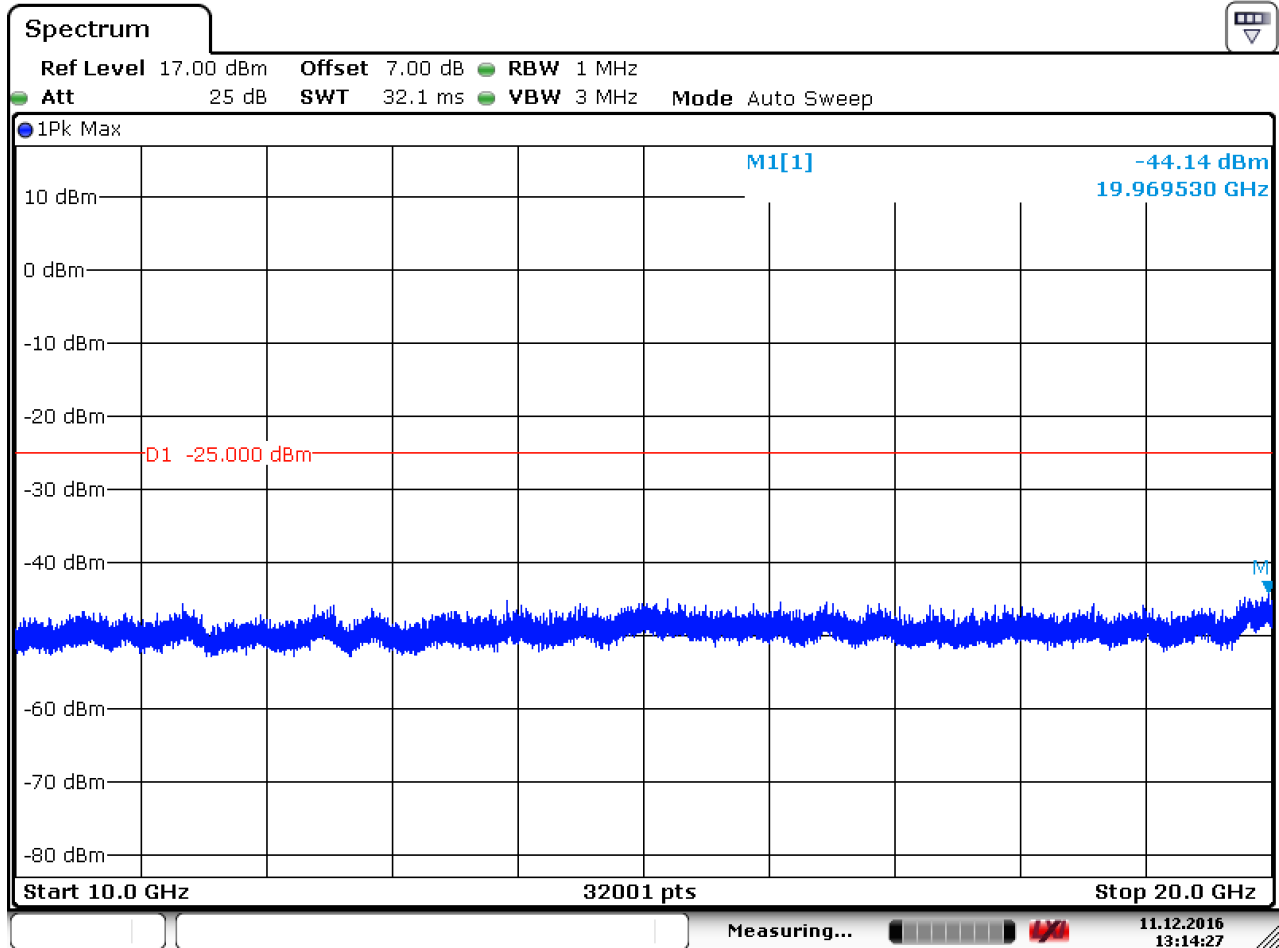
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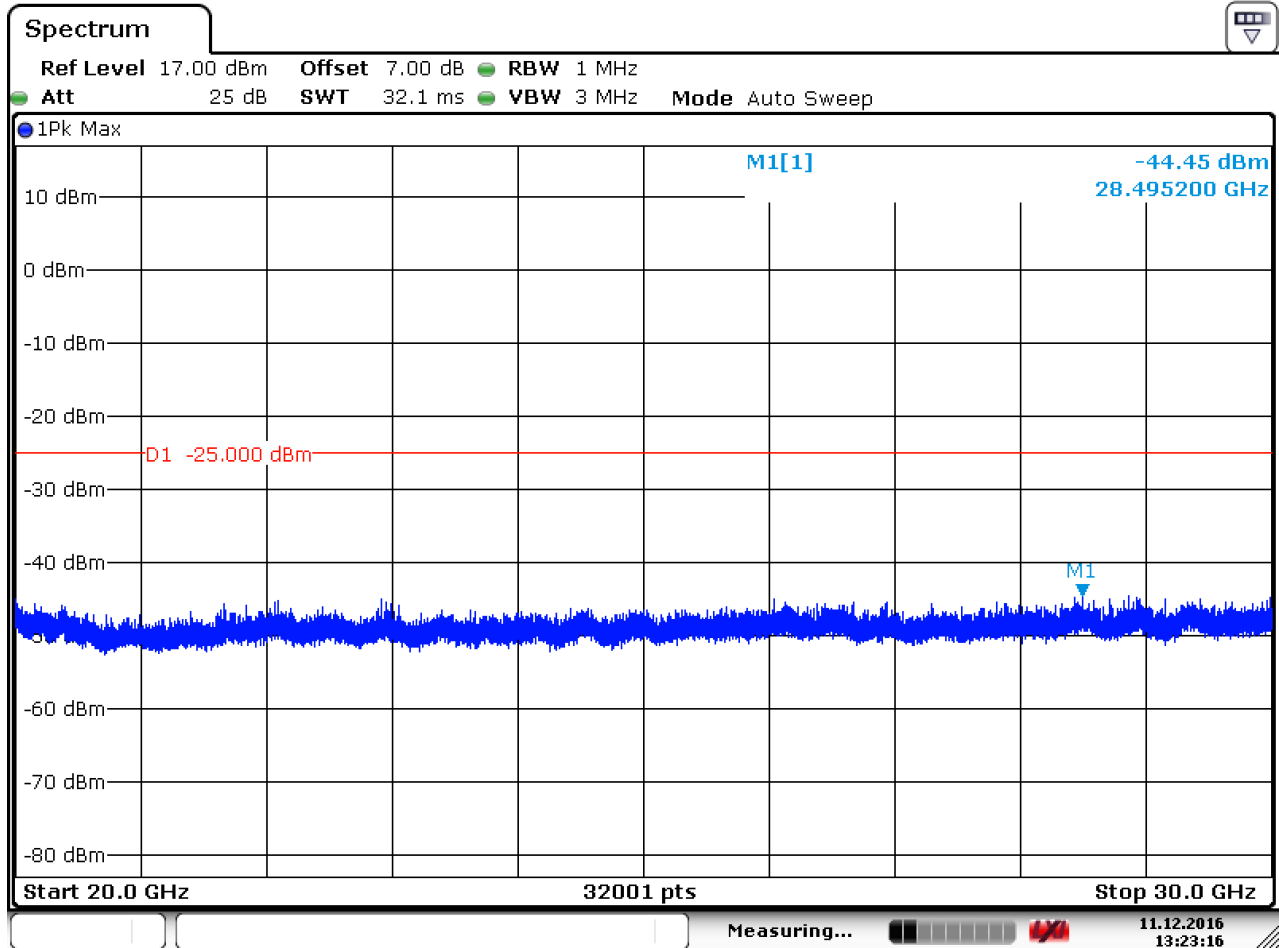
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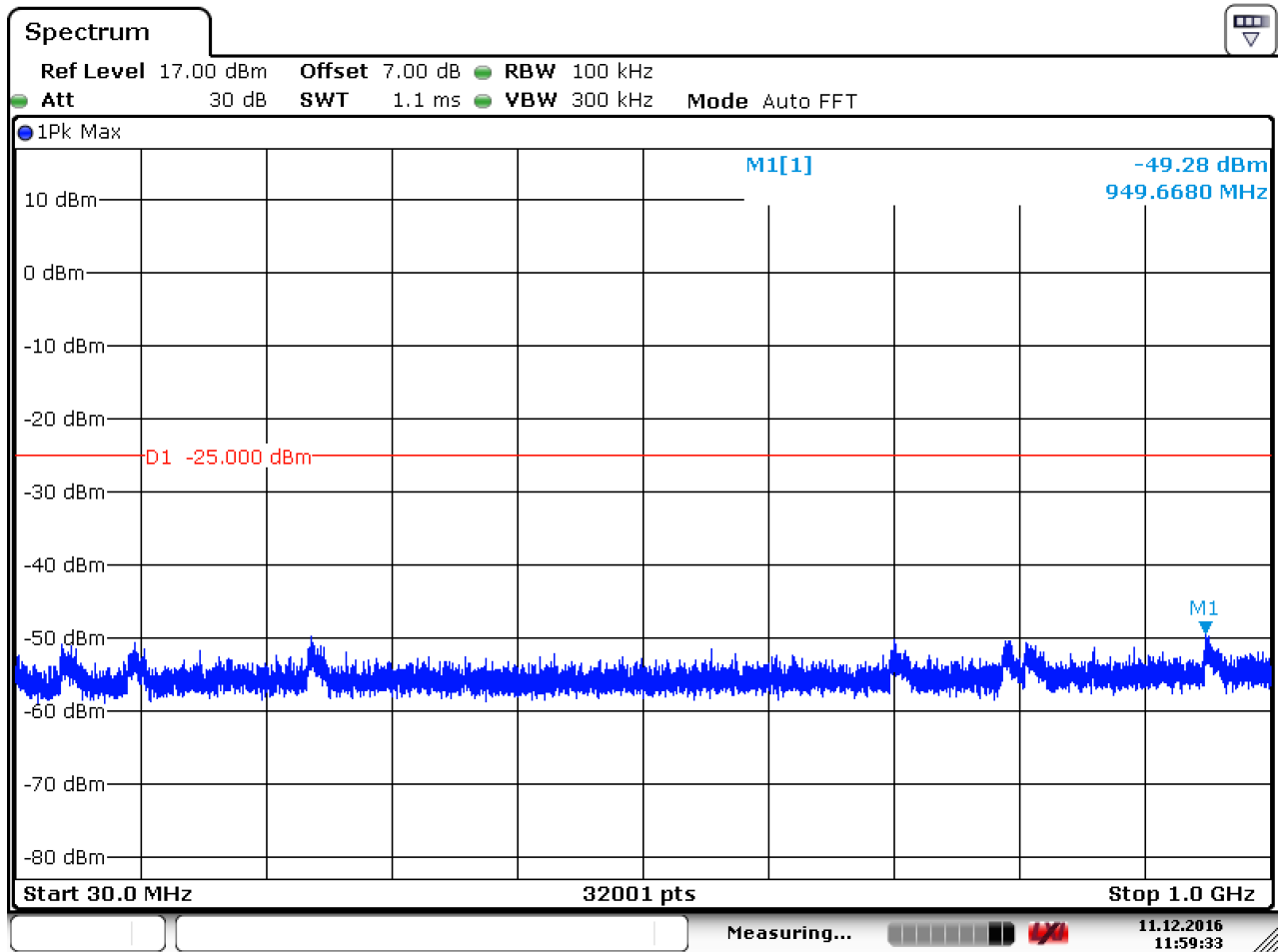


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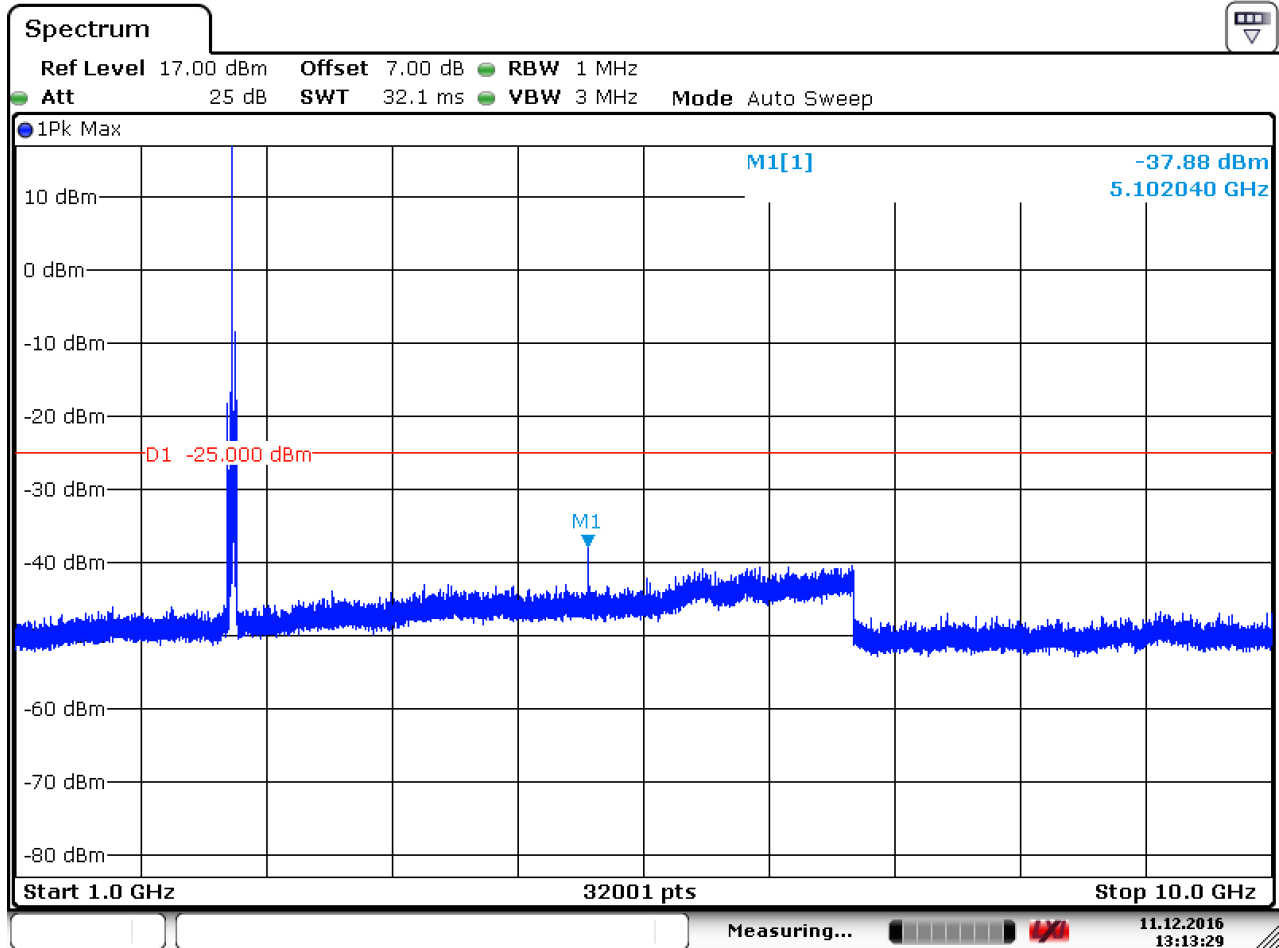


6.1.1.4.3 Test Channel = HCH



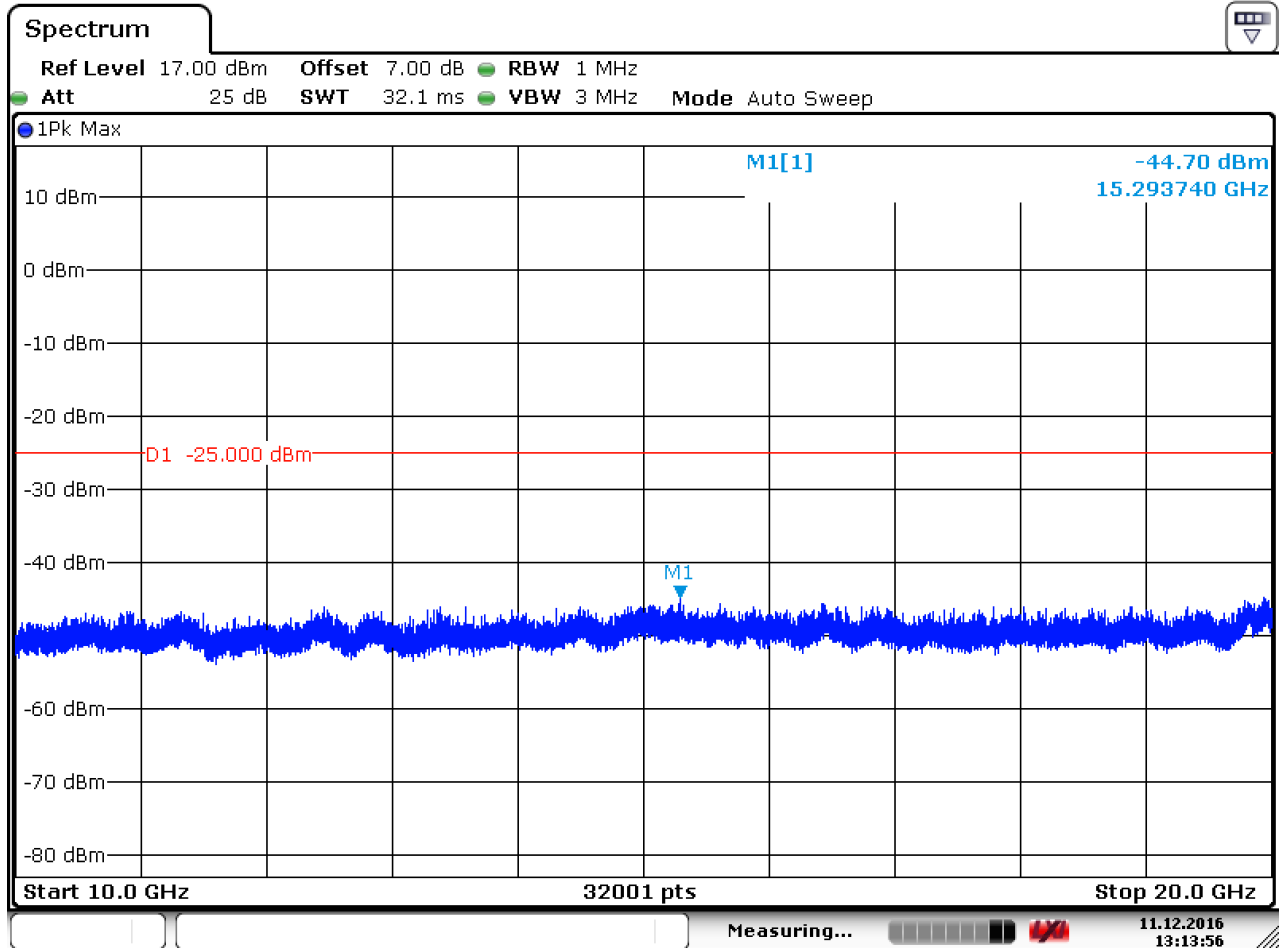
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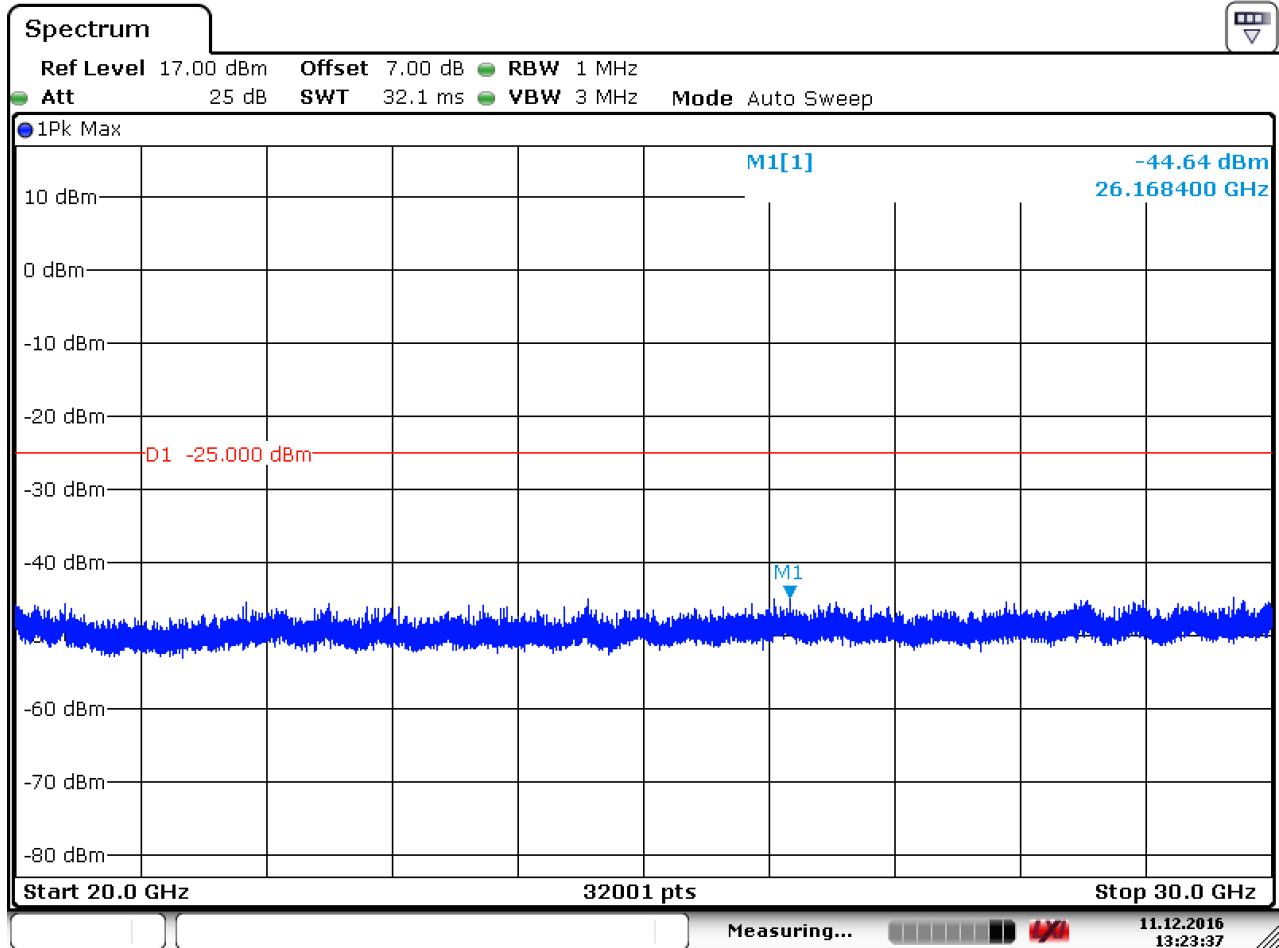
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## 7 Field Strength of Spurious Radiation

### 7.1 For LTE

#### 7.1.1 Test Band = LTE band7

##### 7.1.1.1 Test Mode =LTE/TM1 20MHz RB1#0

###### 7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1617.000	-65.71	-25.00	40.71	Vertical
1991.000	-61.70	-25.00	36.70	Vertical
4072.500	-68.58	-25.00	43.58	Vertical
1859.000	-63.18	-25.00	38.18	Horizontal
3487.500	-69.85	-25.00	44.85	Horizontal
6997.500	-65.94	-25.00	40.94	Horizontal

###### 7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1276.000	-66.32	-25.00	41.32	Vertical
3292.500	-69.45	-25.00	44.45	Vertical
5925.000	-66.99	-25.00	41.99	Vertical
1441.000	-66.70	-25.00	41.70	Horizontal
2440.000	-57.93	-25.00	32.9	Horizontal
4365.000	-68.06	-25.00	43.10	Horizontal

###### 7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1199.000	-66.35	-25.00	41.35	Vertical
1463.000	-66.69	-25.00	41.69	Vertical
2496.000	-58.91	-25.00	33.91	Vertical
1661.000	-65.07	-25.00	40.07	Horizontal
2200.000	-59.37	-25.00	34.37	Horizontal
4950.000	-66.92	-25.00	41.92	Horizontal

**NOTE:**

- 1) 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.

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## 8 Frequency Stability

### 8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band 7	LTE/TM1 20MHz	LCH	TN	VL	-3.11	-0.00124	PASS
				VN	1.66	0.00066	PASS
				VH	-4.83	-0.00192	PASS
		MCH	TN	VL	-3.28	-0.00129	PASS
				VN	-1.22	-0.00048	PASS
				VH	2.47	0.00097	PASS
		HCH	TN	VL	-5.42	-0.00212	PASS
				VN	-3.37	-0.00132	PASS
				VH	-0.94	-0.00037	PASS
	LTE/TM2 20MHz	LCH	TN	VL	-4.17	-0.00166	PASS
				VN	-2.45	-0.00098	PASS
				VH	-4.60	-0.00183	PASS
		MCH	TN	VL	-1.22	-0.00048	PASS
				VN	-2.57	-0.00101	PASS
				VH	-5.39	-0.00213	PASS
		HCH	TN	VL	-3.93	-0.00154	PASS
				VN	-5.22	-0.00204	PASS
				VH	1.15	0.00045	PASS



### 8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTEband7	LTE/TM1 20MHz	LCH	VN	-30	-2.78	-0.00111	PASS
				-20	-3.39	-0.00135	PASS
				-10	2.75	0.00110	PASS
				0	-3.31	-0.00132	PASS
				10	1.85	0.00074	PASS
				20	1.17	0.00047	PASS
				30	-4.32	-0.00172	PASS
				40	-5.04	-0.00201	PASS
				50	-4.33	-0.00173	PASS
		MCH	VN	-30	-5.84	-0.00230	PASS
				-20	-5.15	-0.00203	PASS
				-10	-3.42	-0.00135	PASS
				0	-3.27	-0.00129	PASS
				10	-2.22	-0.00088	PASS
				20	-1.05	-0.00041	PASS
				30	-2.86	-0.00113	PASS
				40	-2.14	-0.00084	PASS
				50	-5.38	-0.00212	PASS
		HCH	VN	-30	2.24	0.00088	PASS
				-20	-1.39	-0.00054	PASS
				-10	3.49	0.00136	PASS
				0	-2.16	-0.00084	PASS
				10	2.90	0.00113	PASS
				20	-1.27	-0.00050	PASS
30	-2.88			-0.00113	PASS		
40	-3.92			-0.00153	PASS		
50	-5.86			-0.00229	PASS		

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**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE band7	LTE/TM2 20MHz	LCH	VN	-30	-1.59	-0.00063	PASS
				-20	-2.05	-0.00082	PASS
				-10	3.16	0.00126	PASS
				0	-2.29	-0.00091	PASS
				10	1.68	0.00067	PASS
				20	-0.32	-0.00013	PASS
				30	-3.24	-0.00129	PASS
				40	2.80	0.00112	PASS
		MCH	VN	-30	-3.27	-0.00129	PASS
				-20	-2.38	-0.00094	PASS
				-10	-7.33	-0.00289	PASS
				0	-3.32	-0.00131	PASS
				10	-2.54	-0.00100	PASS
				20	2.28	0.00090	PASS
				30	-3.15	-0.00124	PASS
				40	-4.82	-0.00190	PASS
		HCH	VN	-30	3.34	0.00130	PASS
				-20	-2.78	-0.00109	PASS
				-10	1.56	0.00061	PASS
				0	-3.44	-0.00134	PASS
				10	-2.58	-0.00101	PASS
				20	2.82	0.00110	PASS
				30	-2.27	-0.00089	PASS
				40	-4.23	-0.00165	PASS
			50	-5.66	-0.00221	PASS	

The End

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