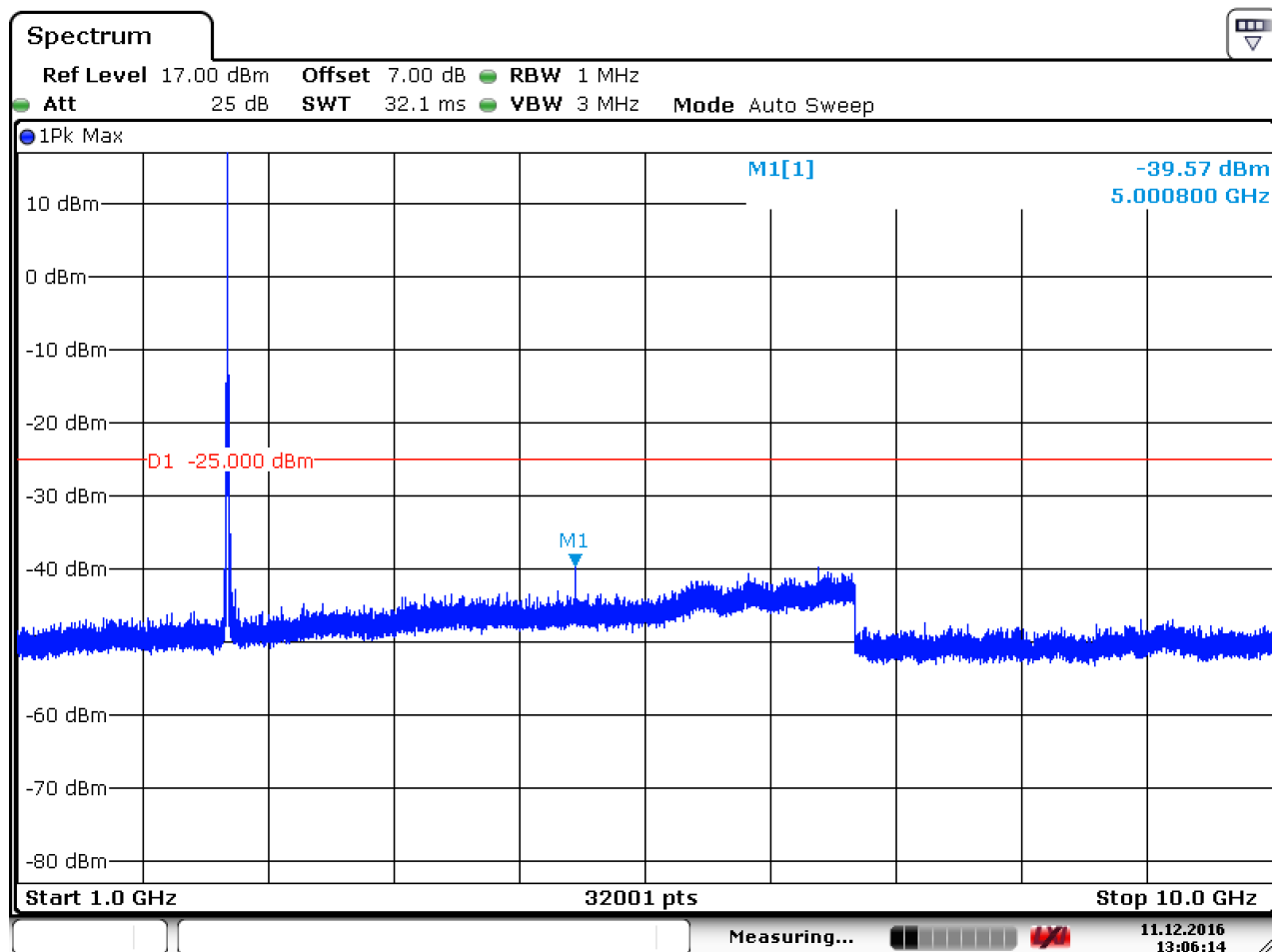
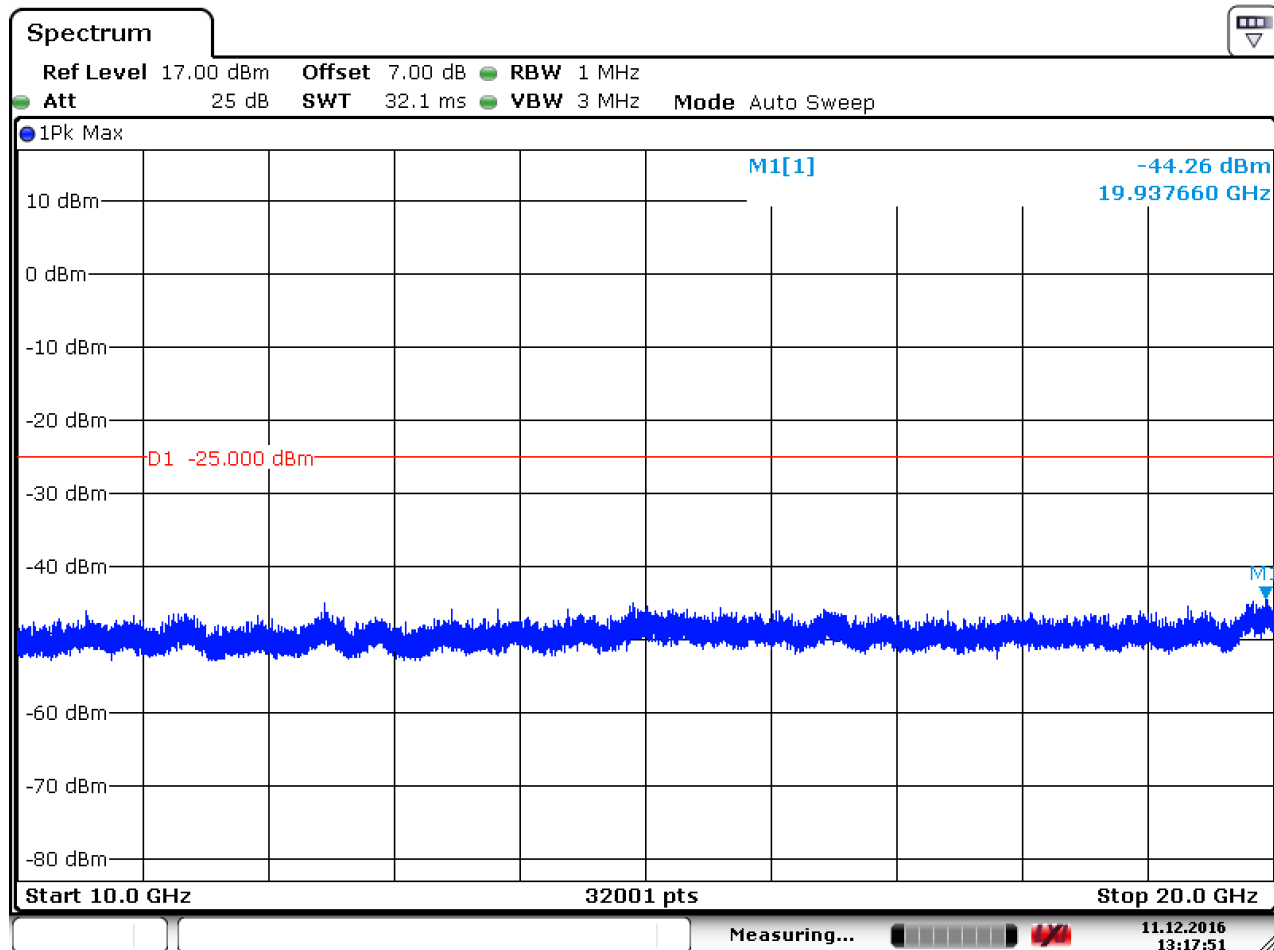
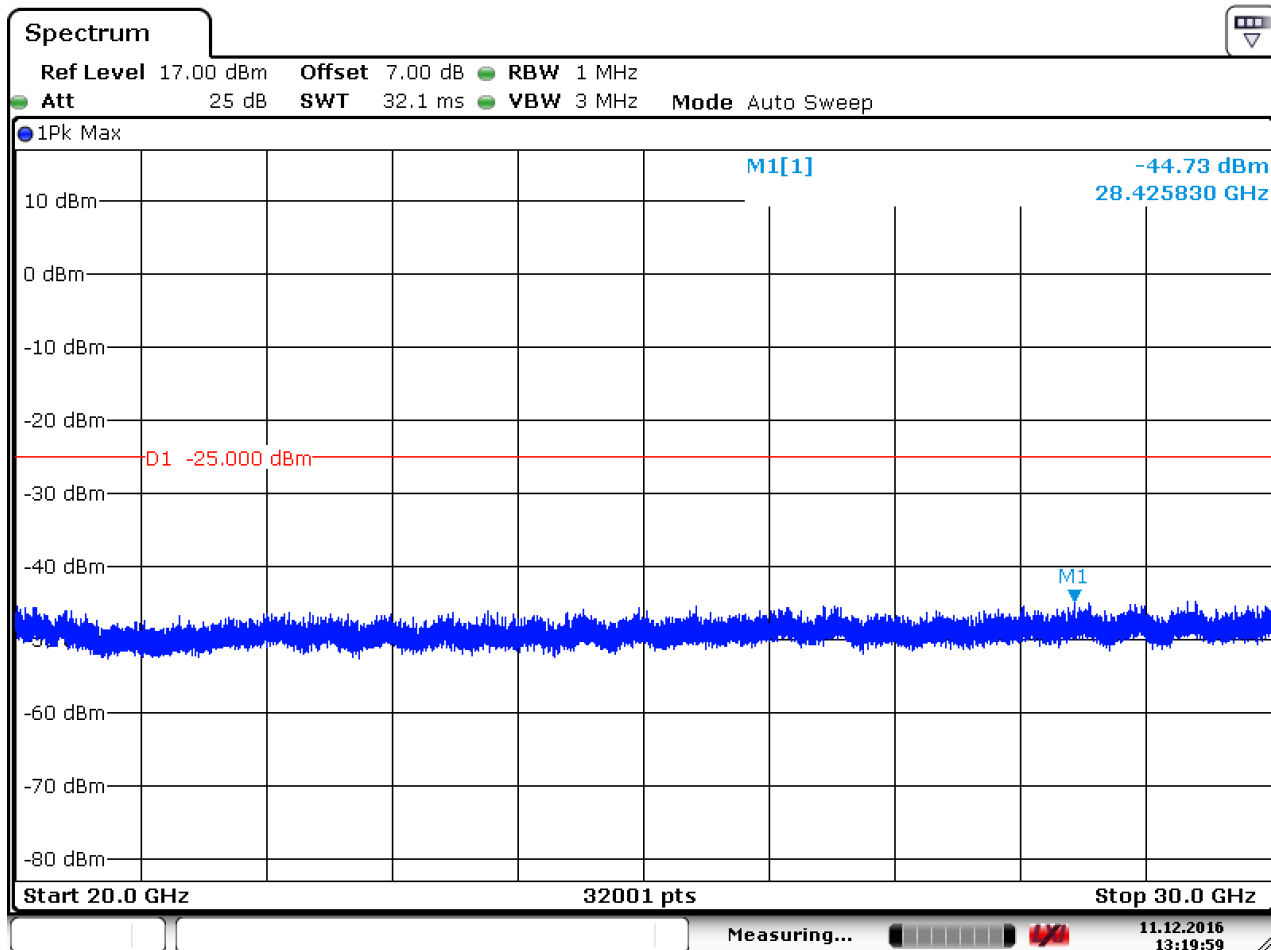




Date: 11.DEC.2016 13:06:14



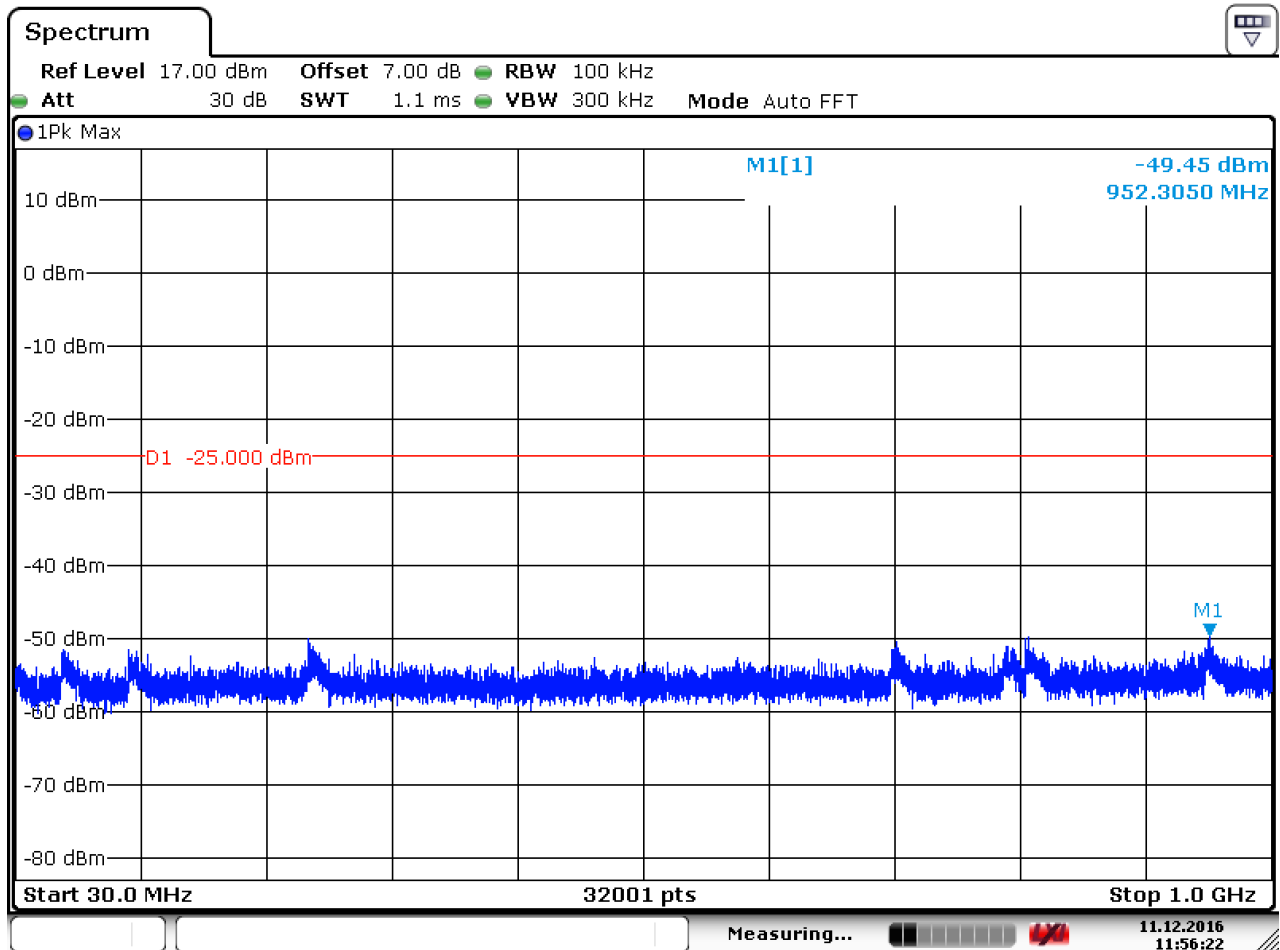
Date: 11.DEC.2016 13:17:52



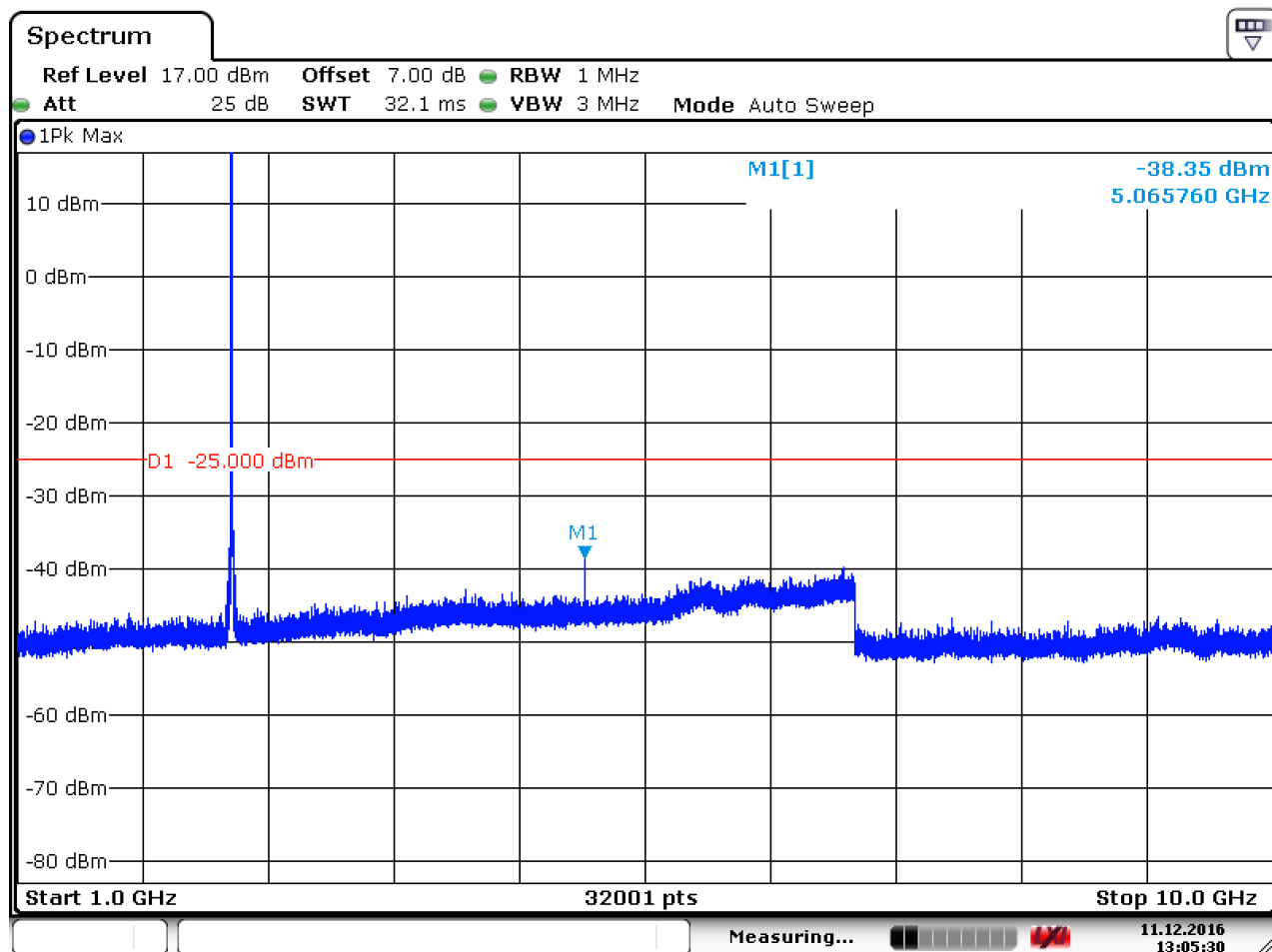
Date: 11.DEC.2016 13:20:00



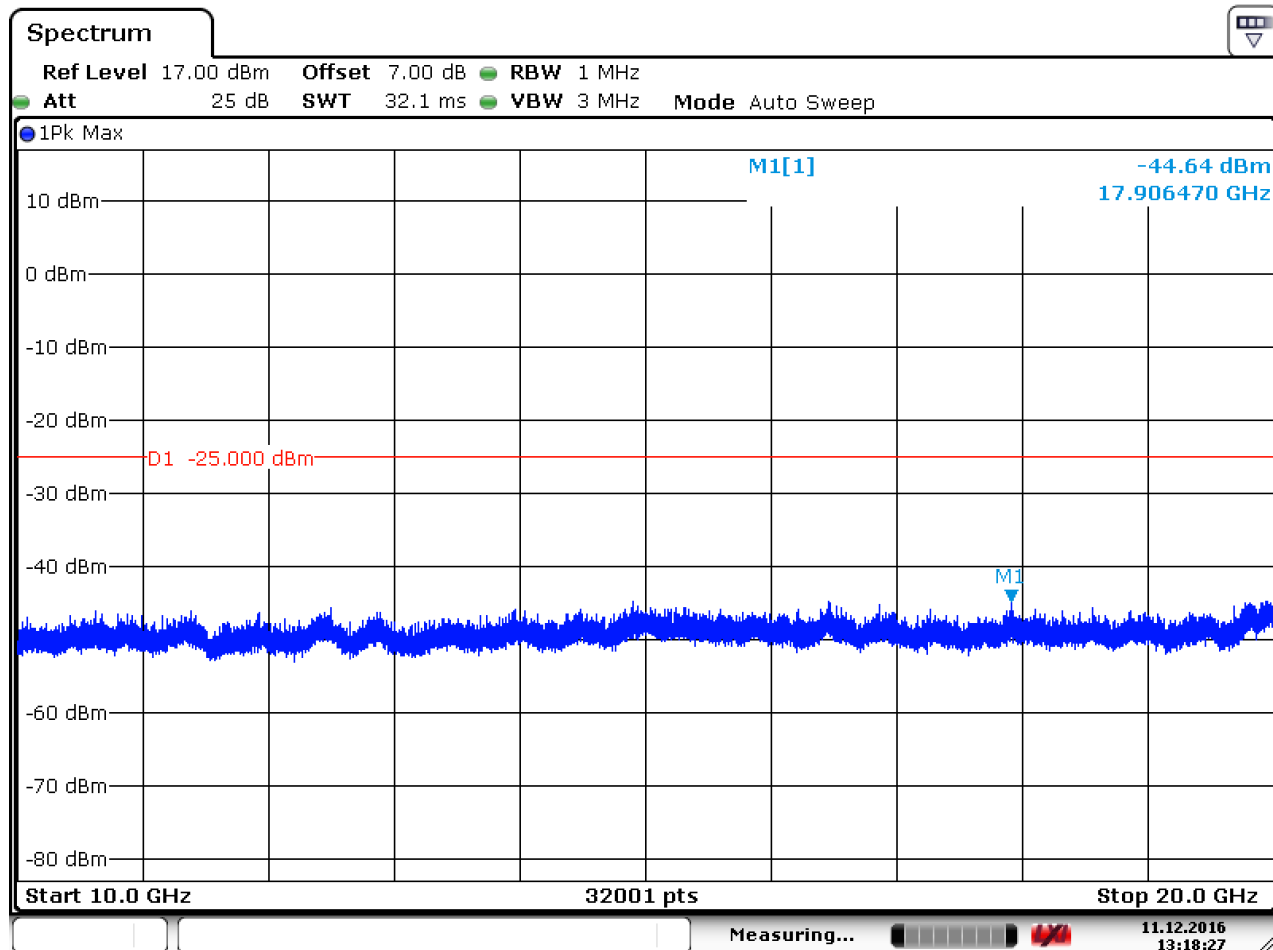
6.1.1.1.2 Test Channel = MCH



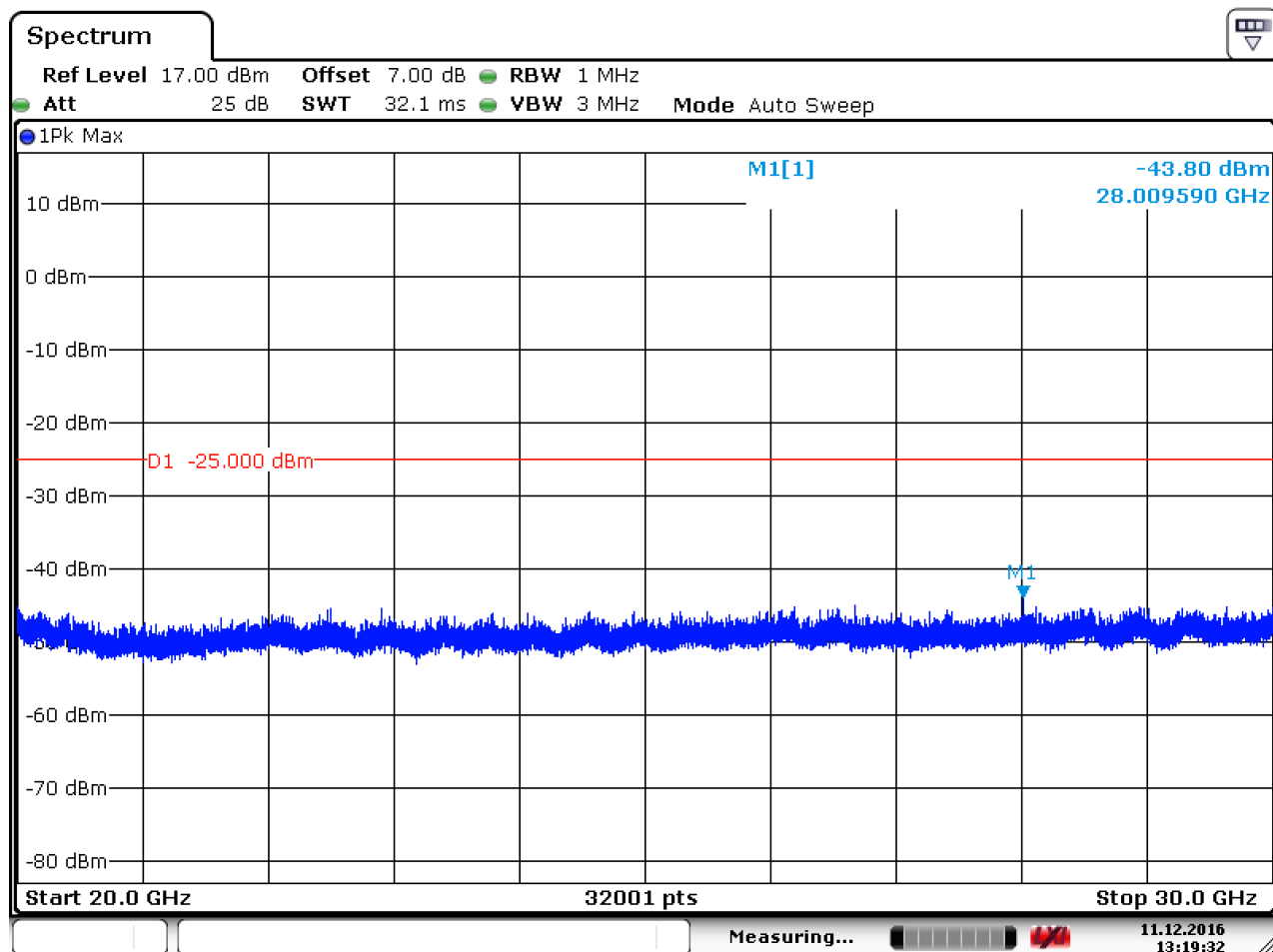
Date: 11.DEC.2016 11:56:22



Date: 11.DEC.2016 13:05:31



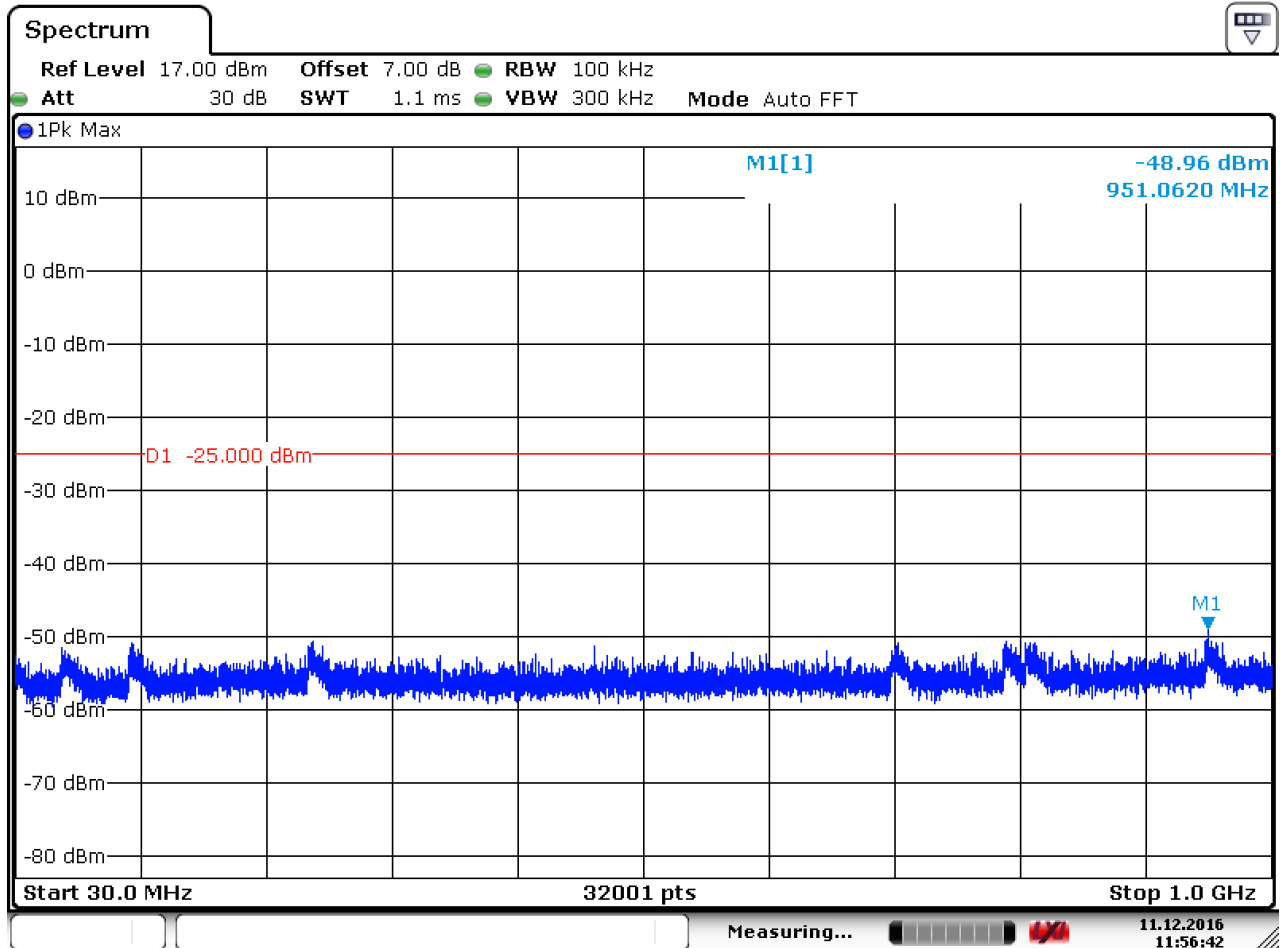
Date: 11.DEC.2016 13:18:27



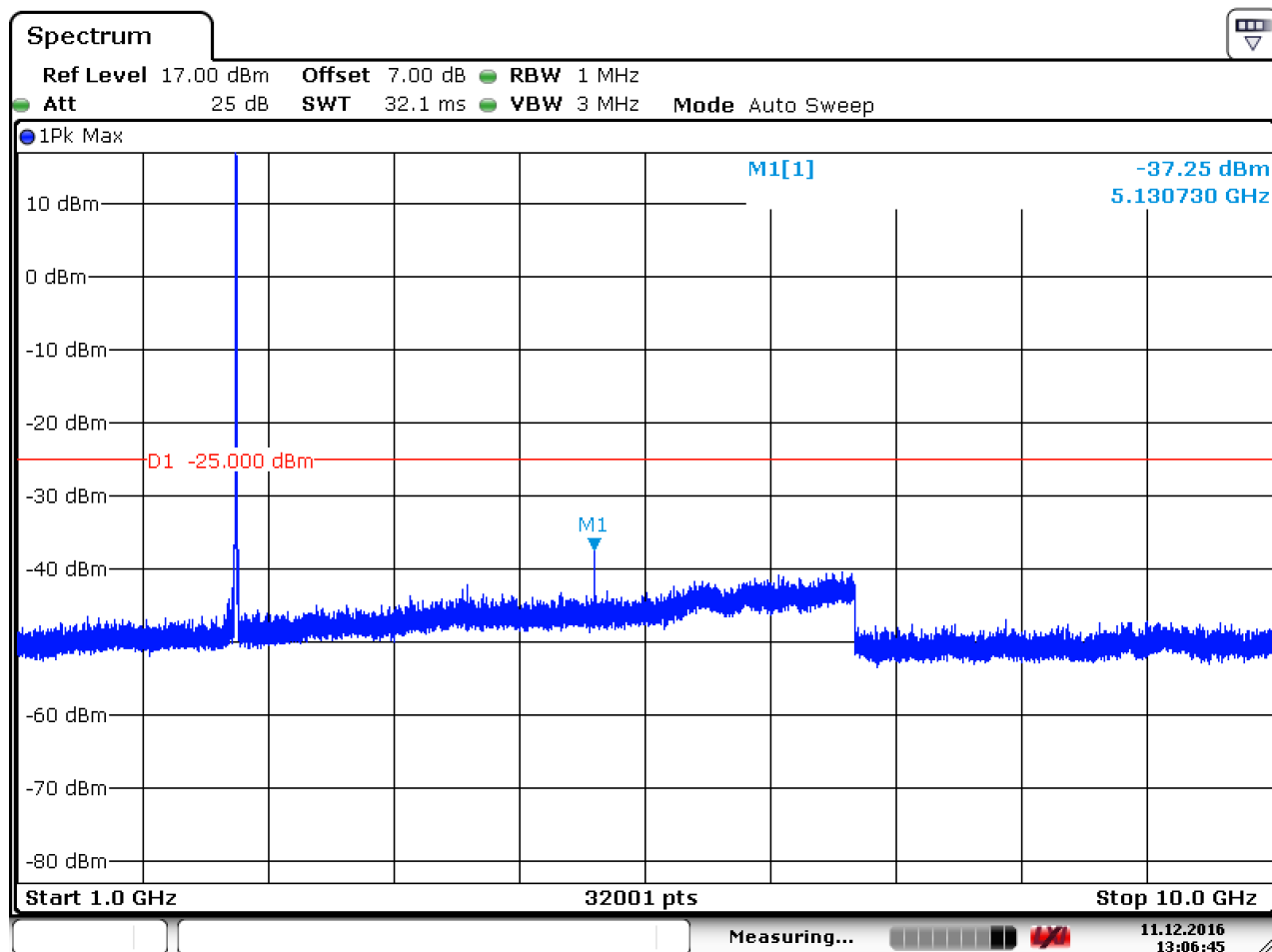
Date: 11.DEC.2016 13:19:33



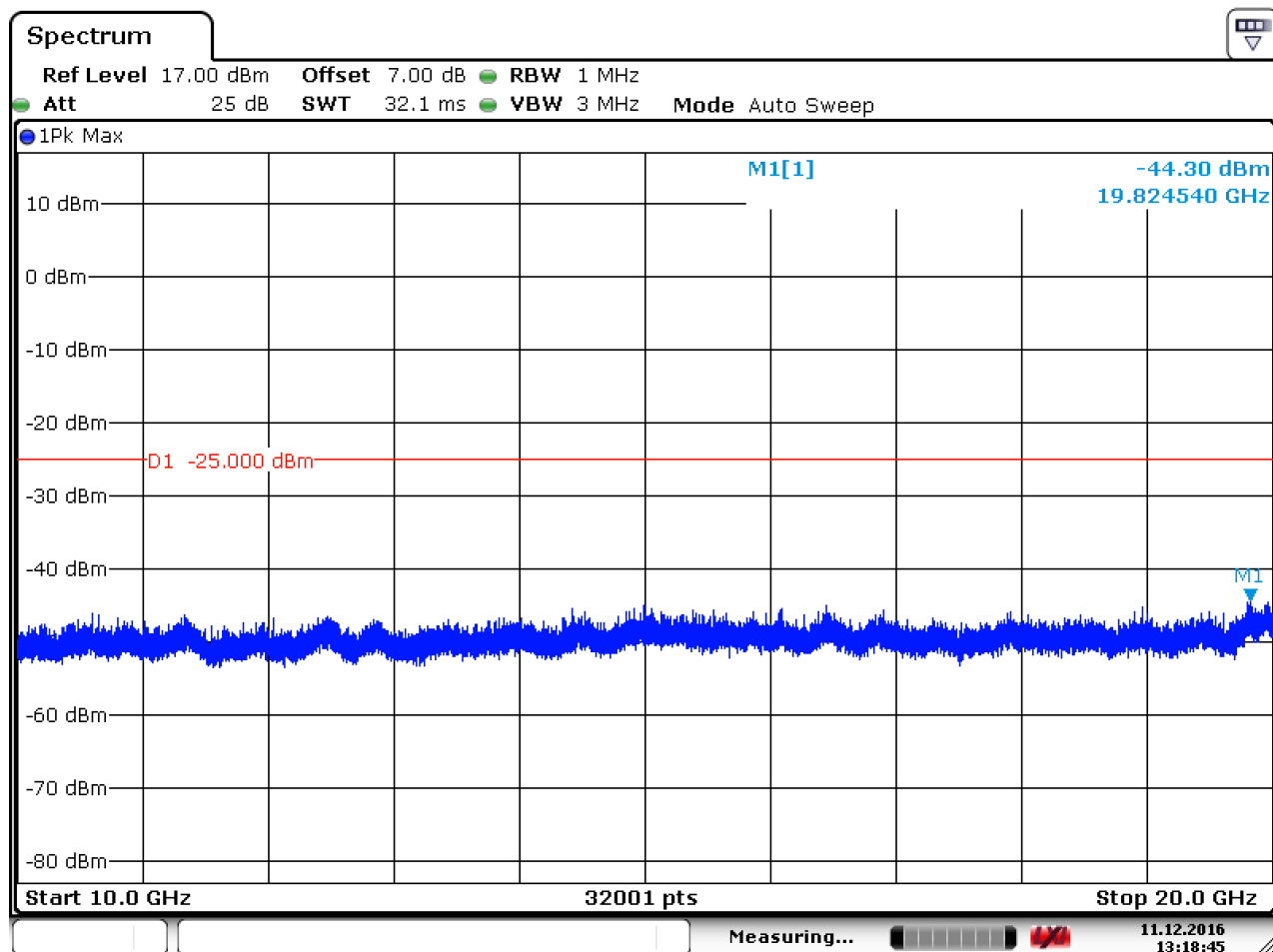
6.1.1.1.3 Test Channel = HCH



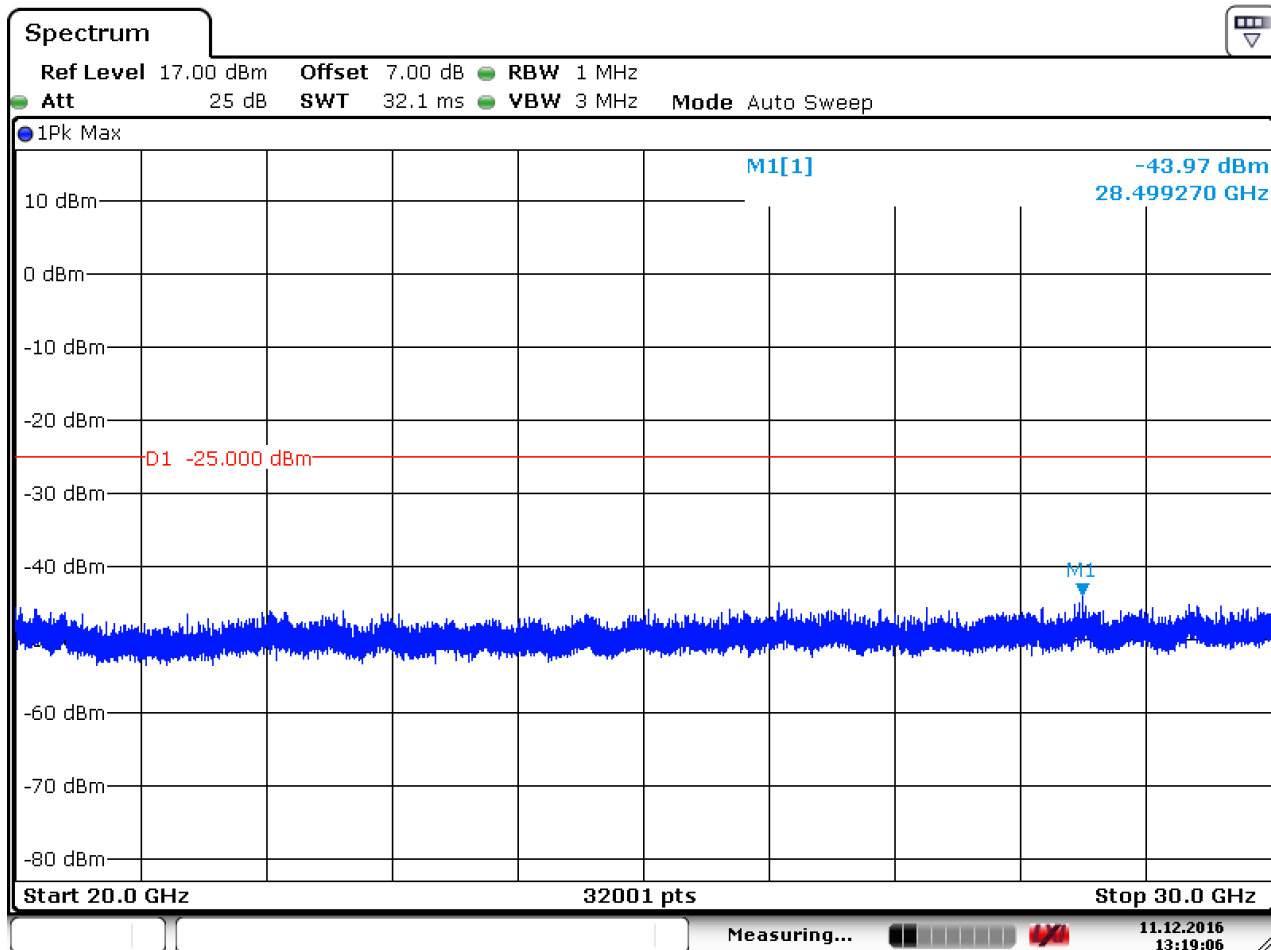
Date: 11.DEC.2016 11:56:42



Date: 11.DEC.2016 13:06:45



Date: 11.DEC.2016 13:18:45

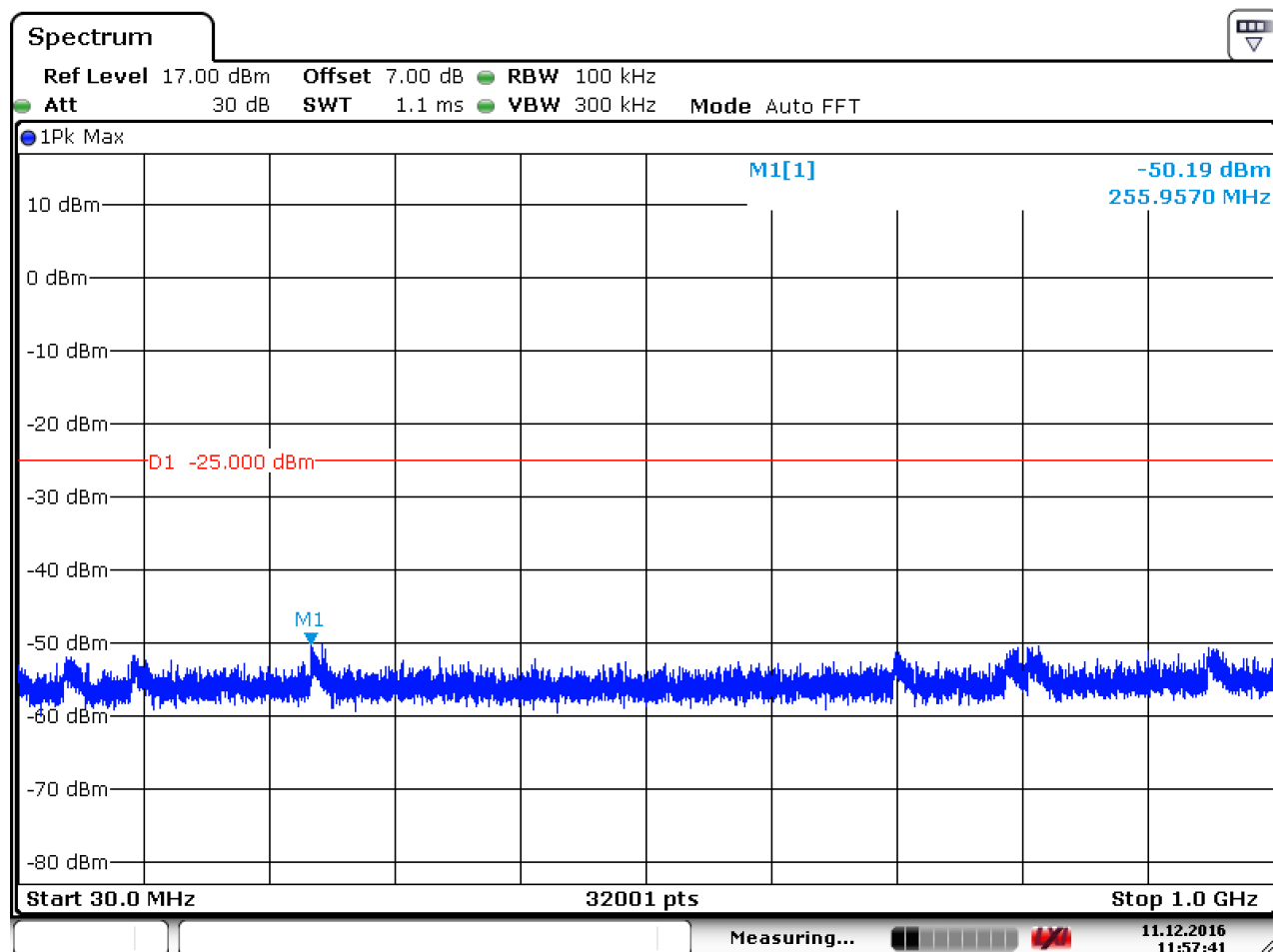


Date: 11.DEC.2016 13:19:06

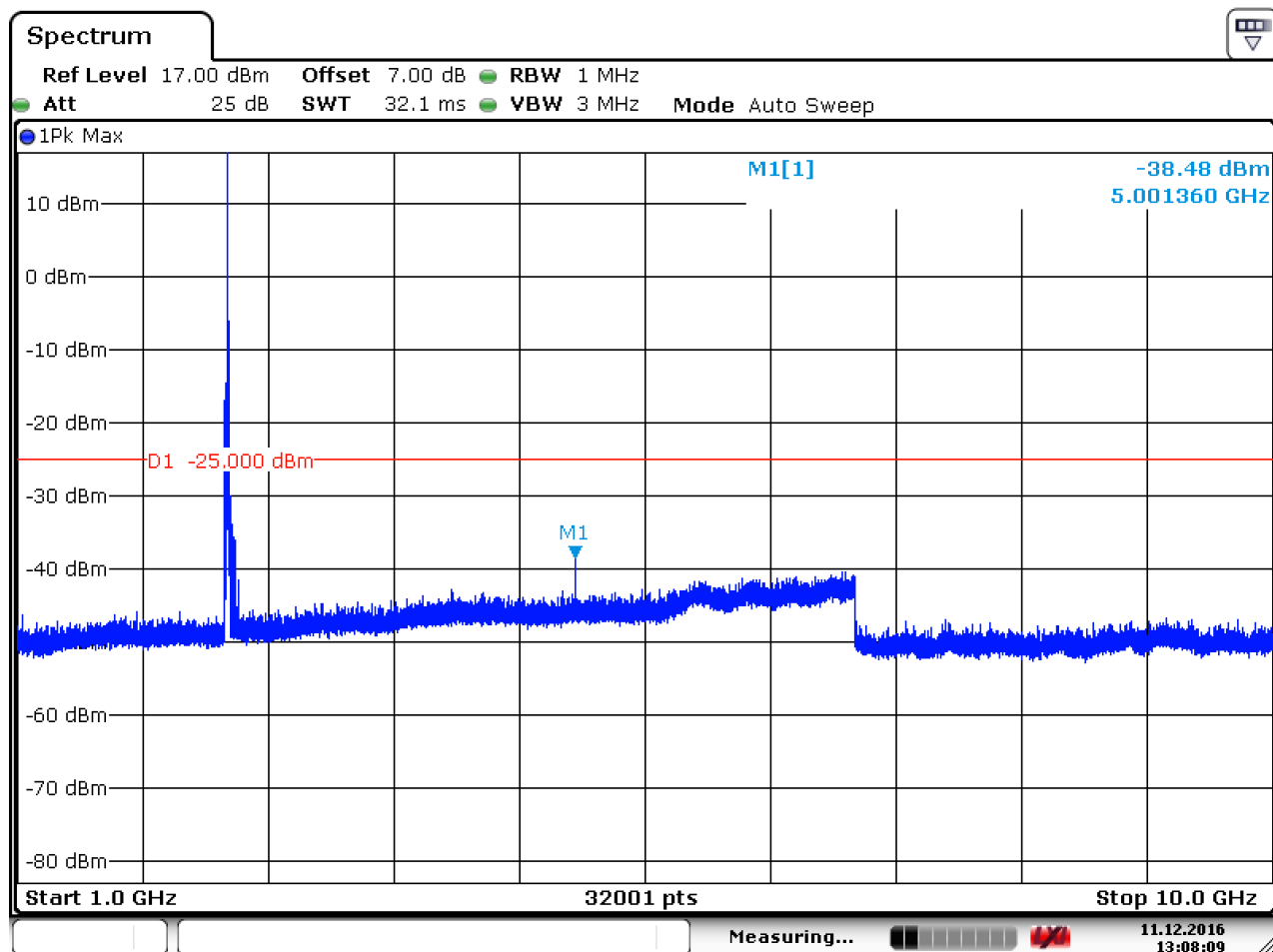


6.1.1.2 Test Mode = LTE / TM1 10MHz RB1#0

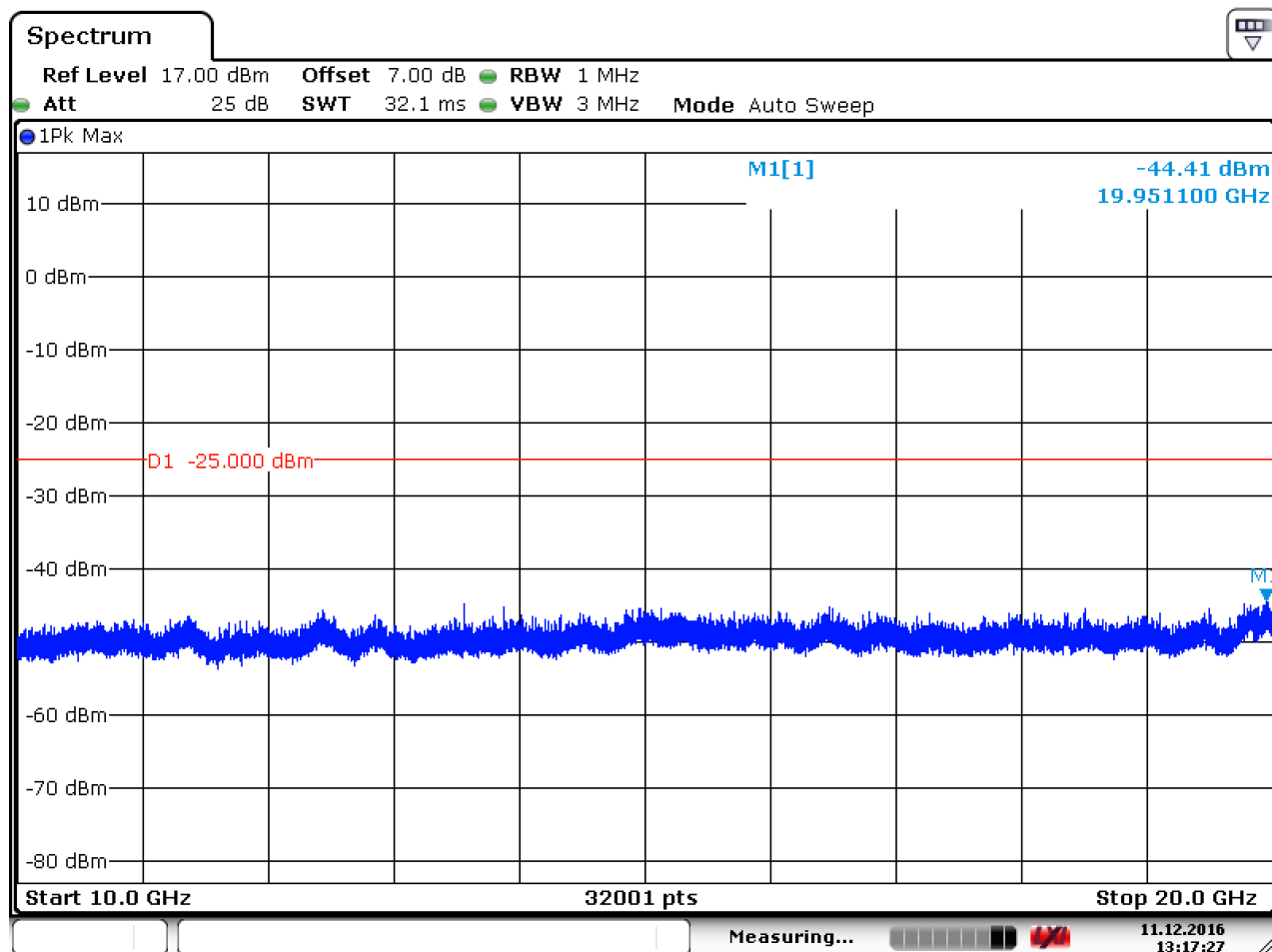
6.1.1.2.1 Test Channel = LCH



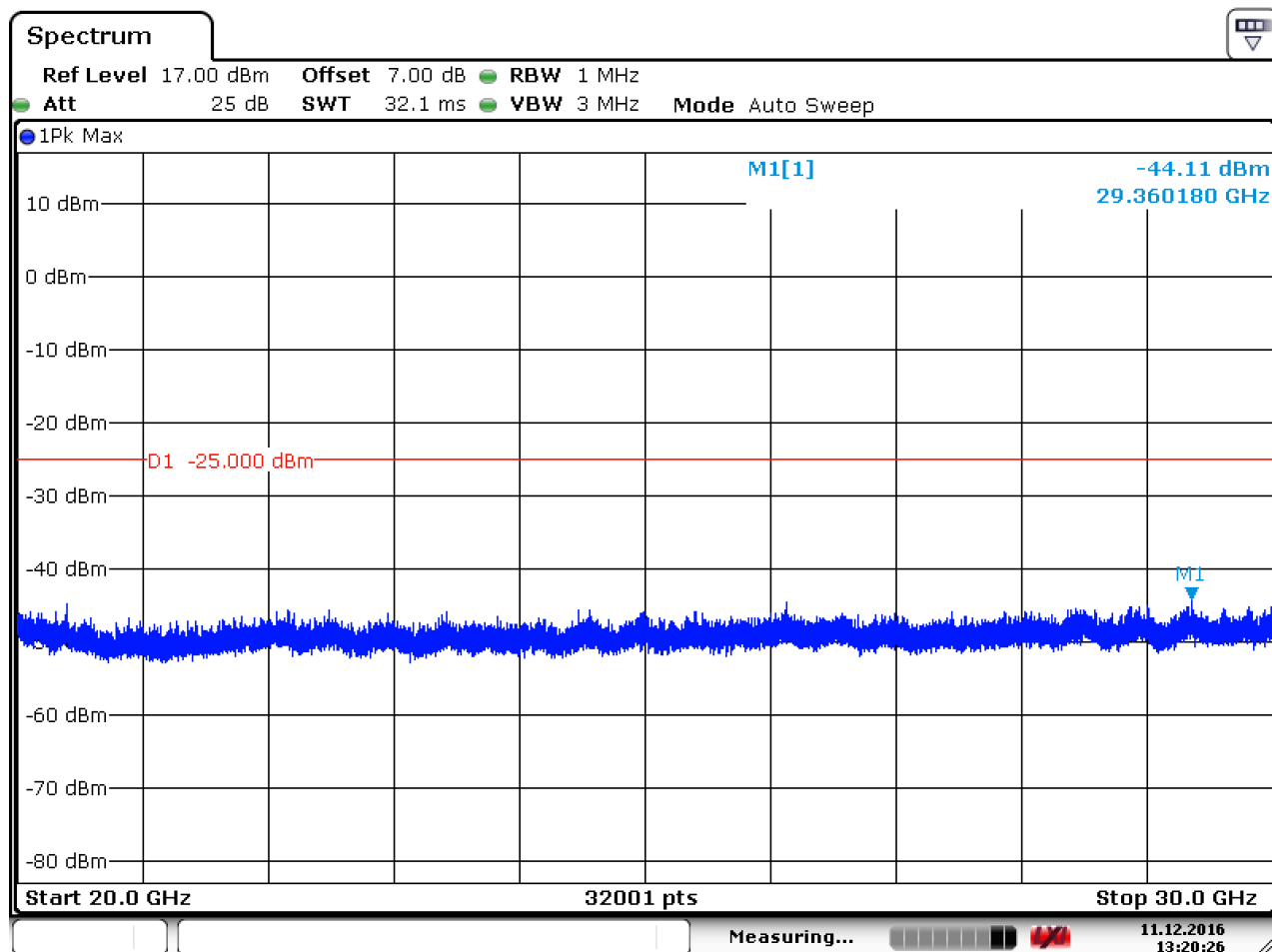
Date: 11.DEC.2016 11:57:41



Date: 11.DEC.2016 13:08:10



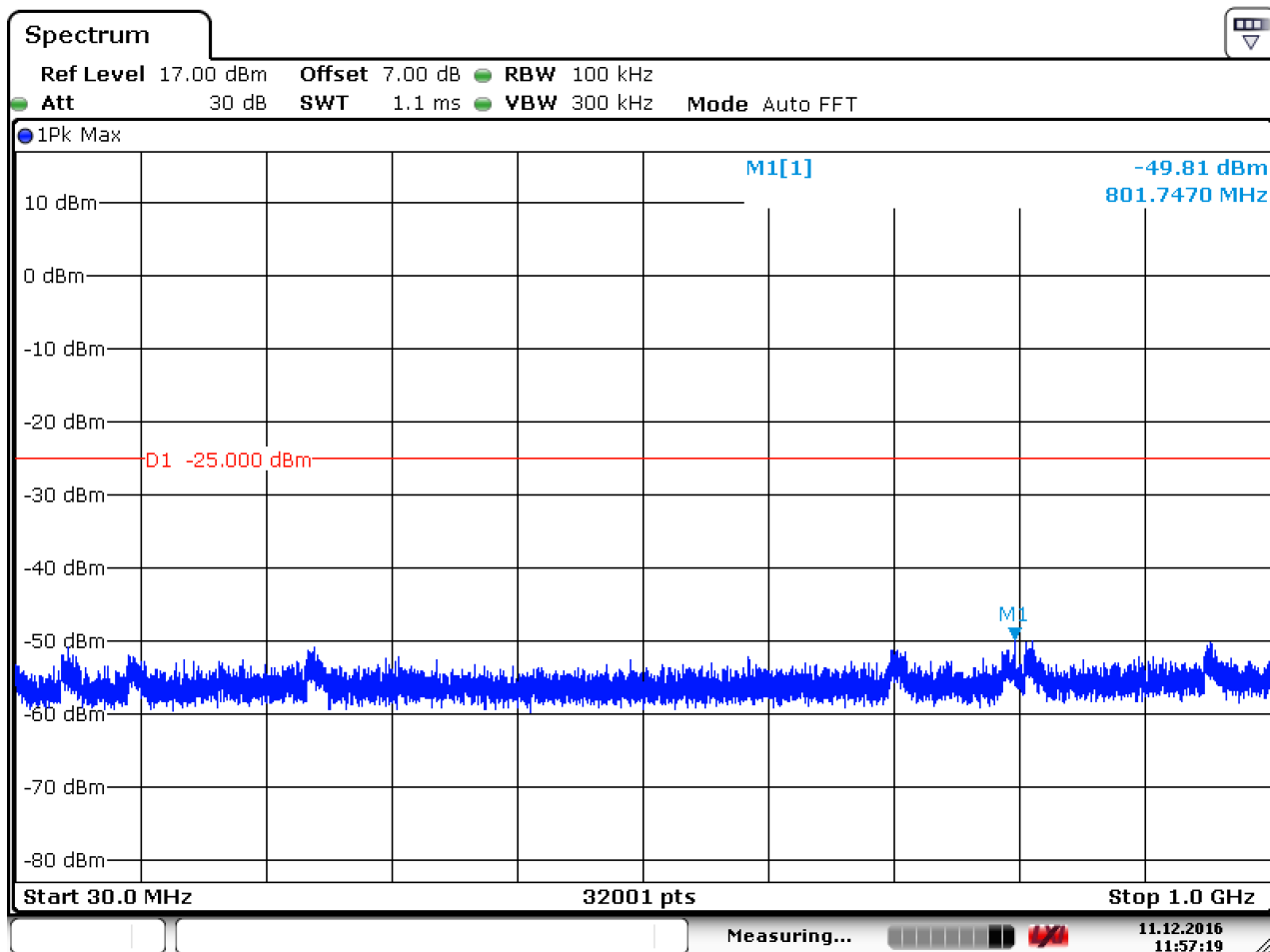
Date: 11.DEC.2016 13:17:28



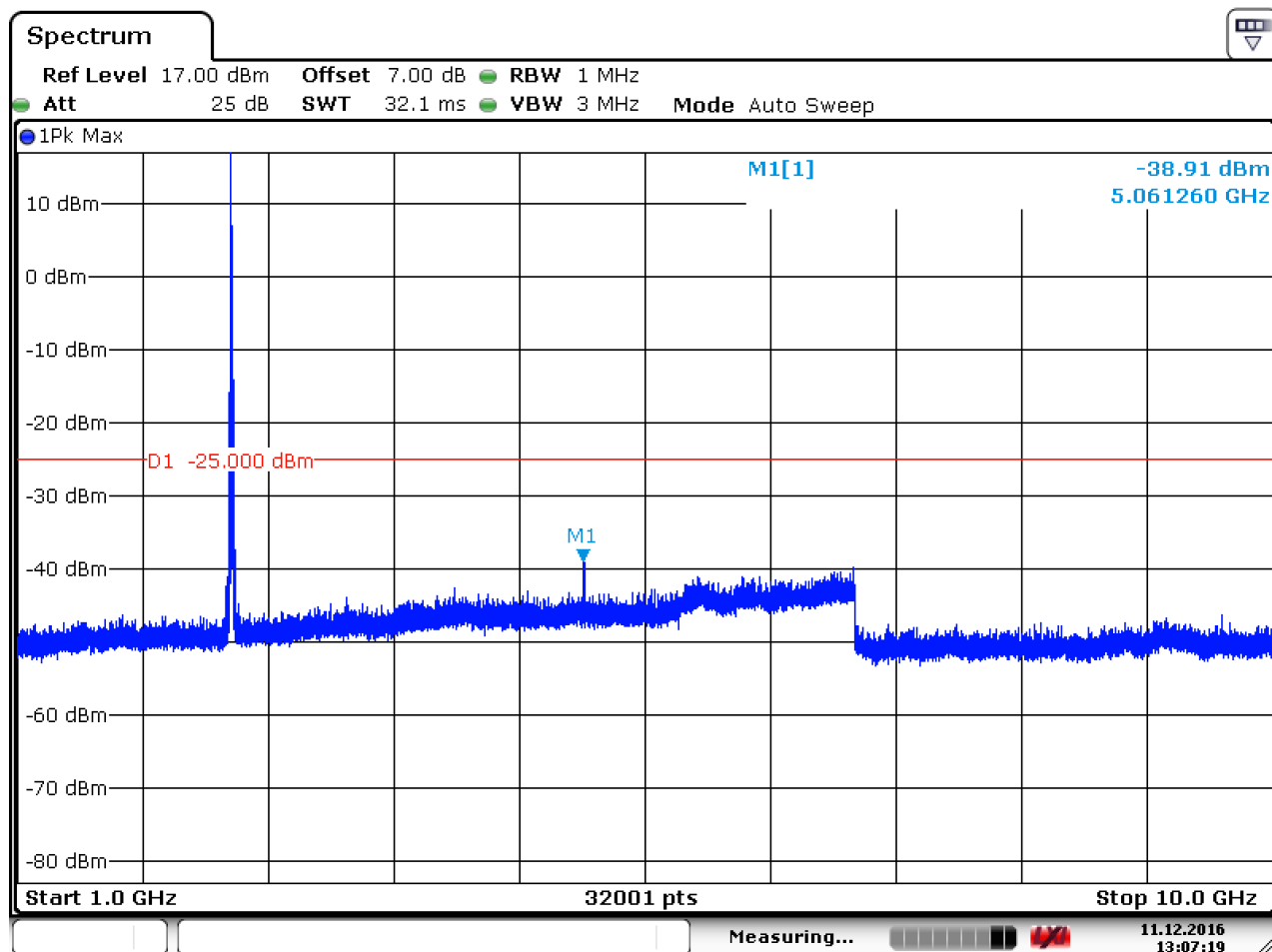
Date: 11.DEC.2016 13:20:26



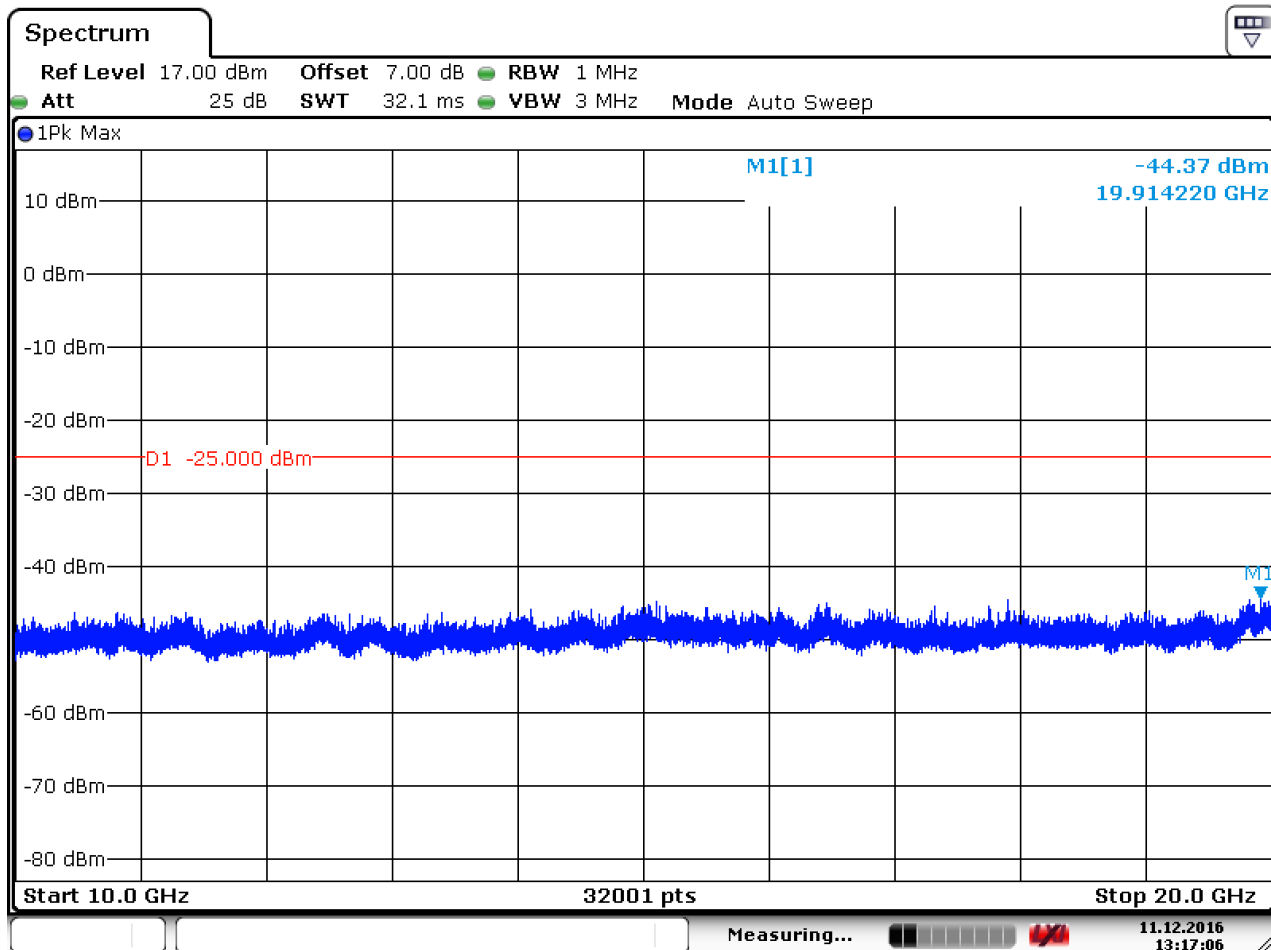
6.1.1.2.2 Test Channel = MCH



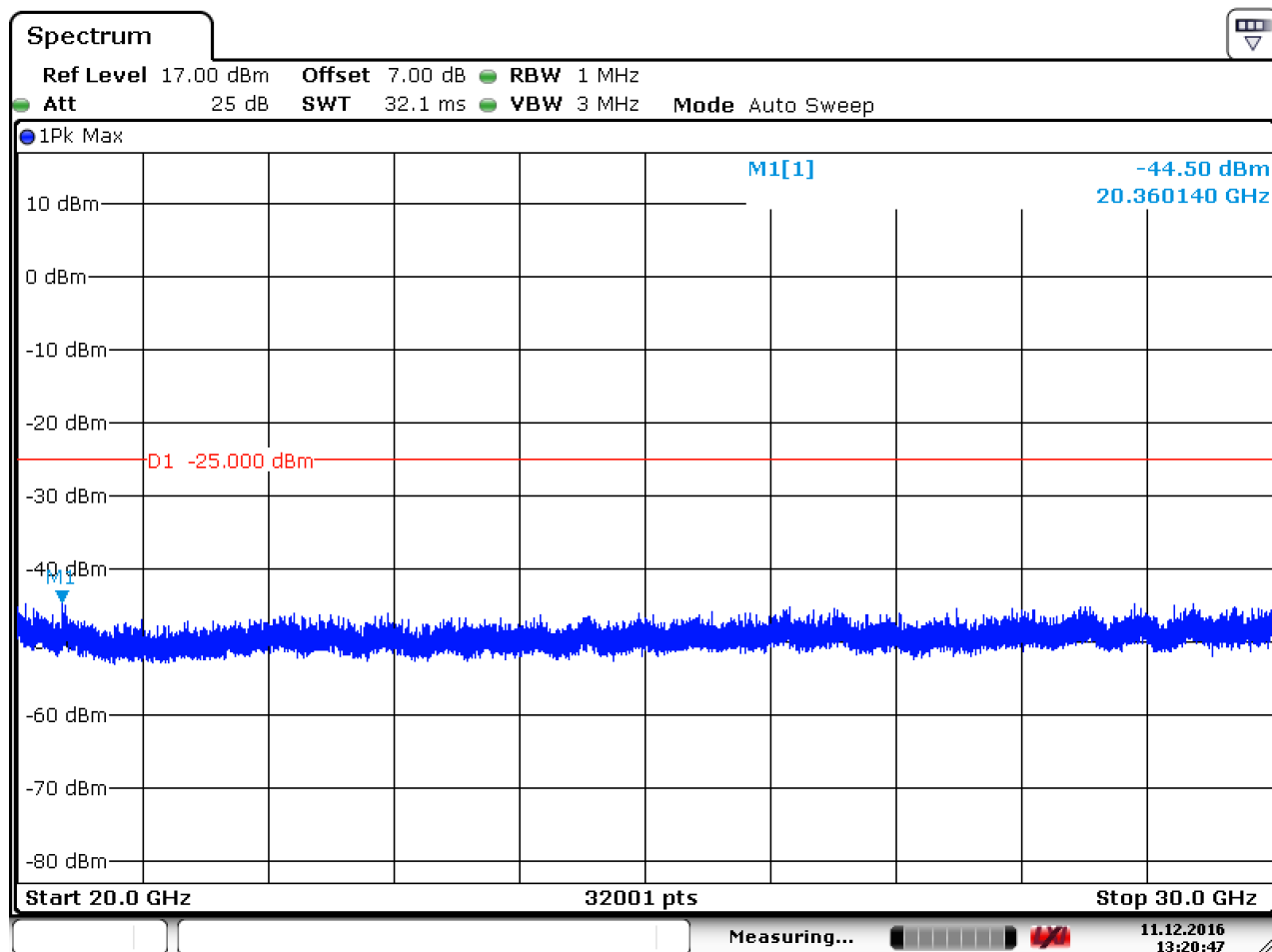
Date: 11.DEC.2016 11:57:19



Date: 11.DEC.2016 13:07:19



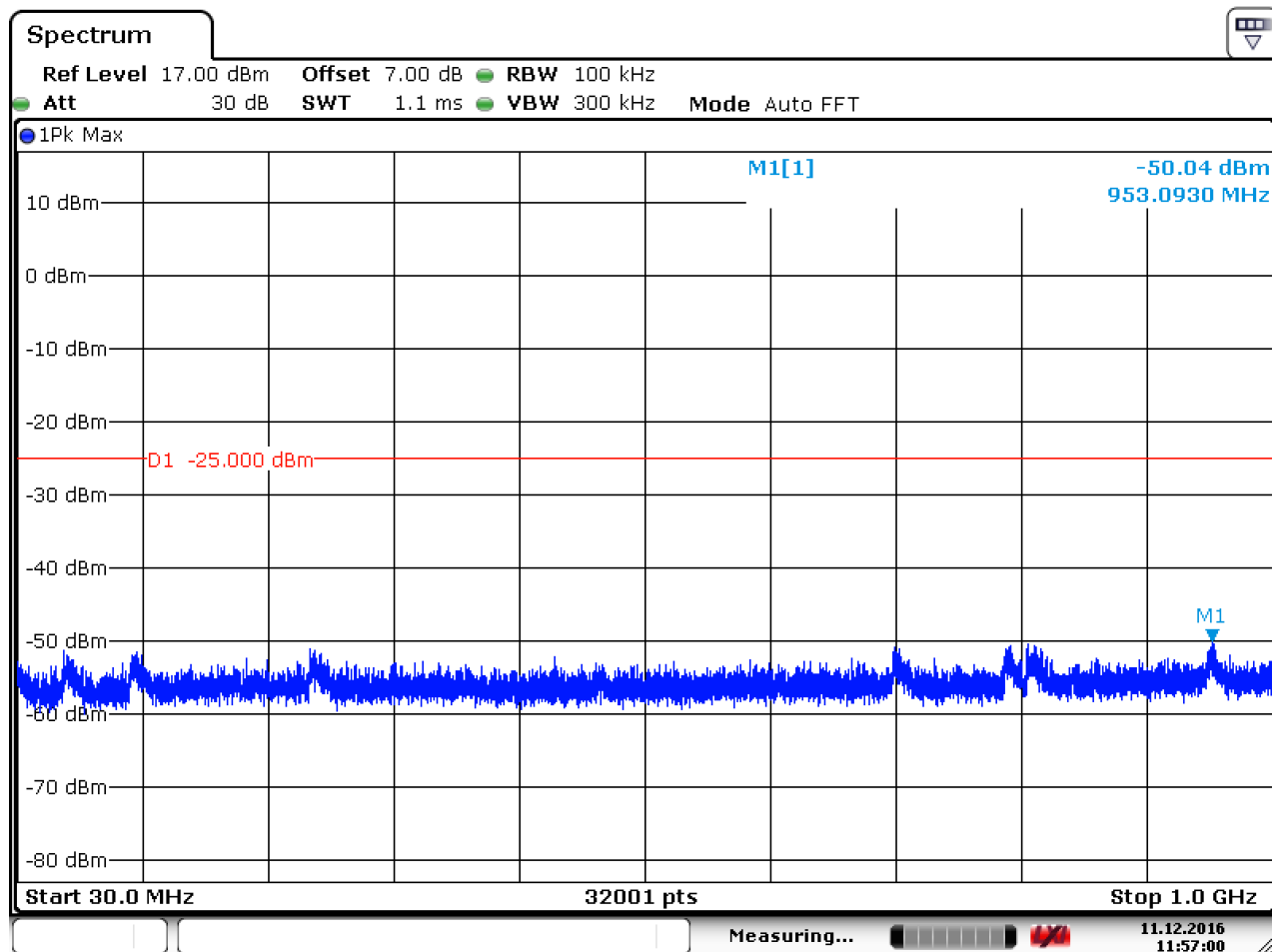
Date: 11.DEC.2016 13:17:06



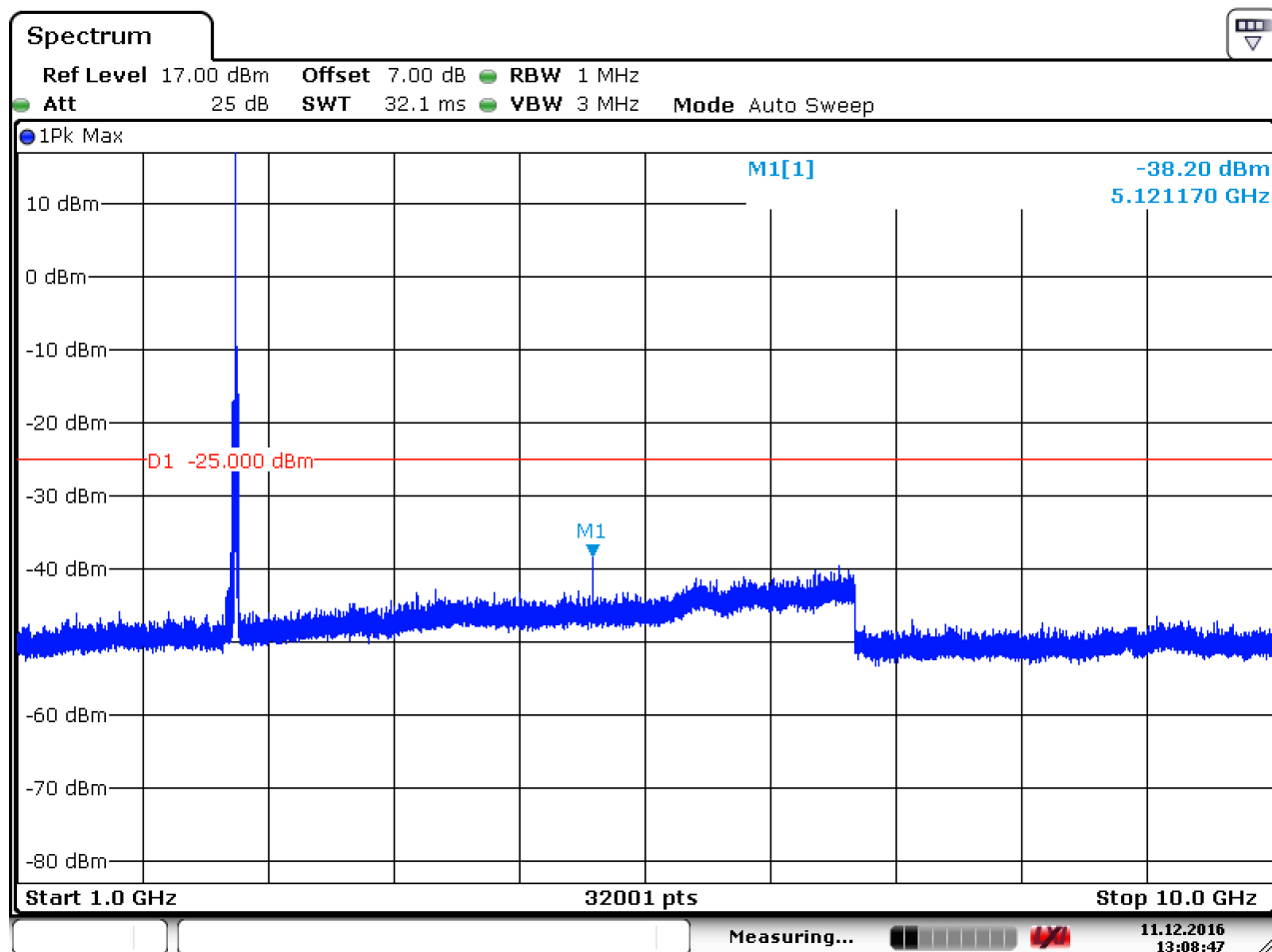
Date: 11.DEC.2016 13:20:47



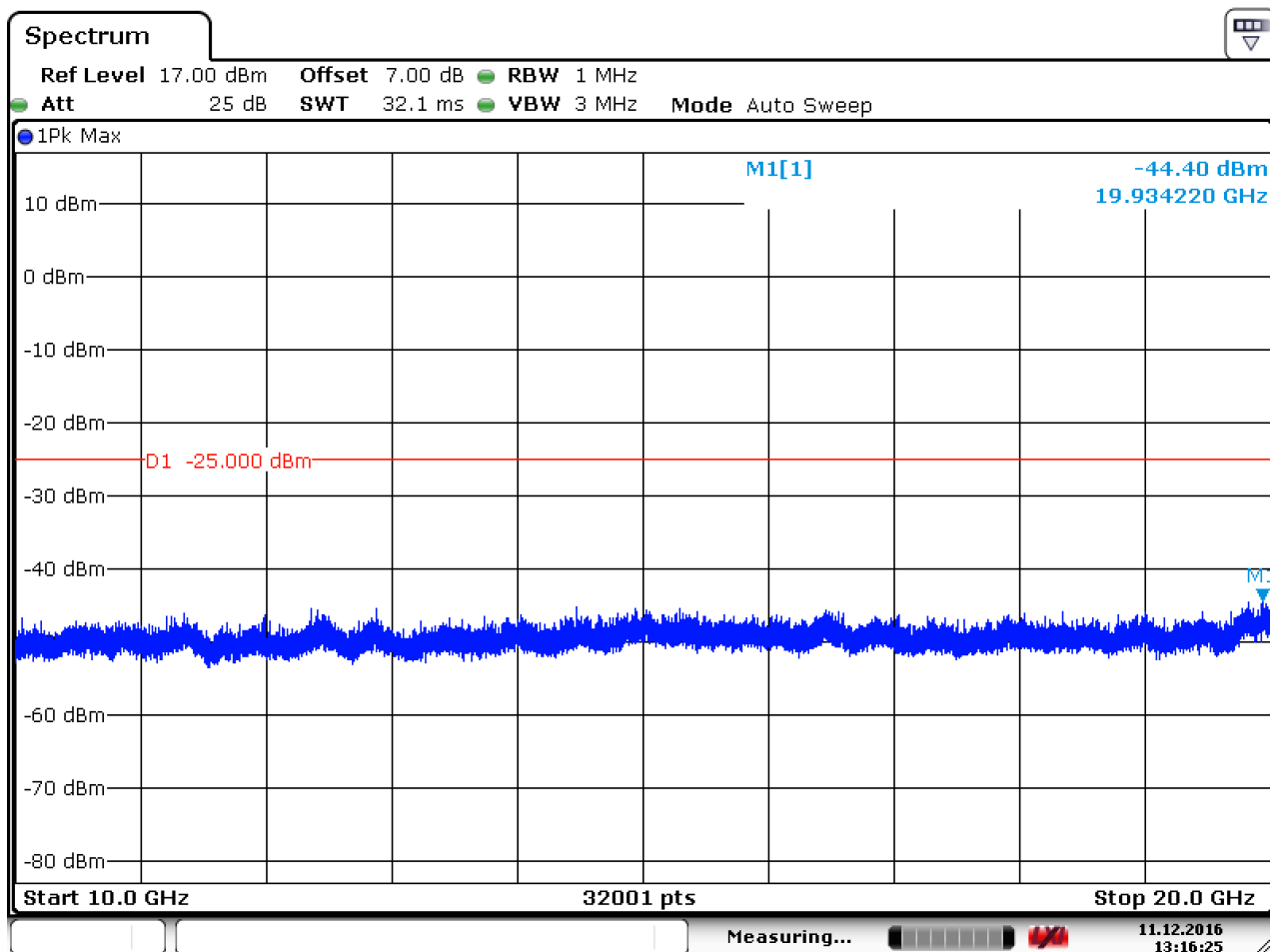
6.1.1.2.3 Test Channel = HCH



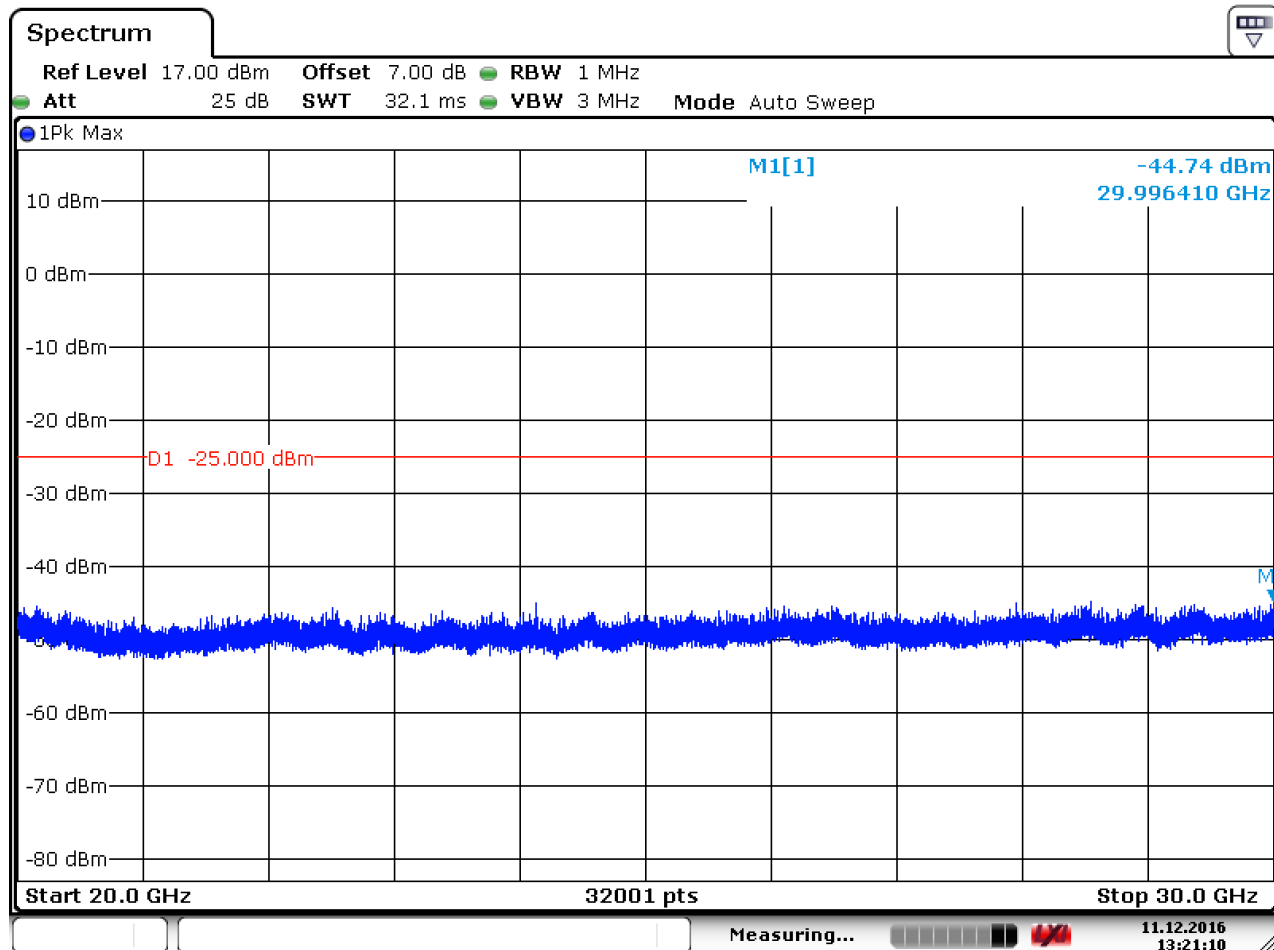
Date: 11.DEC.2016 11:57:01



Date: 11.DEC.2016 13:08:47



Date: 11.DEC.2016 13:16:25

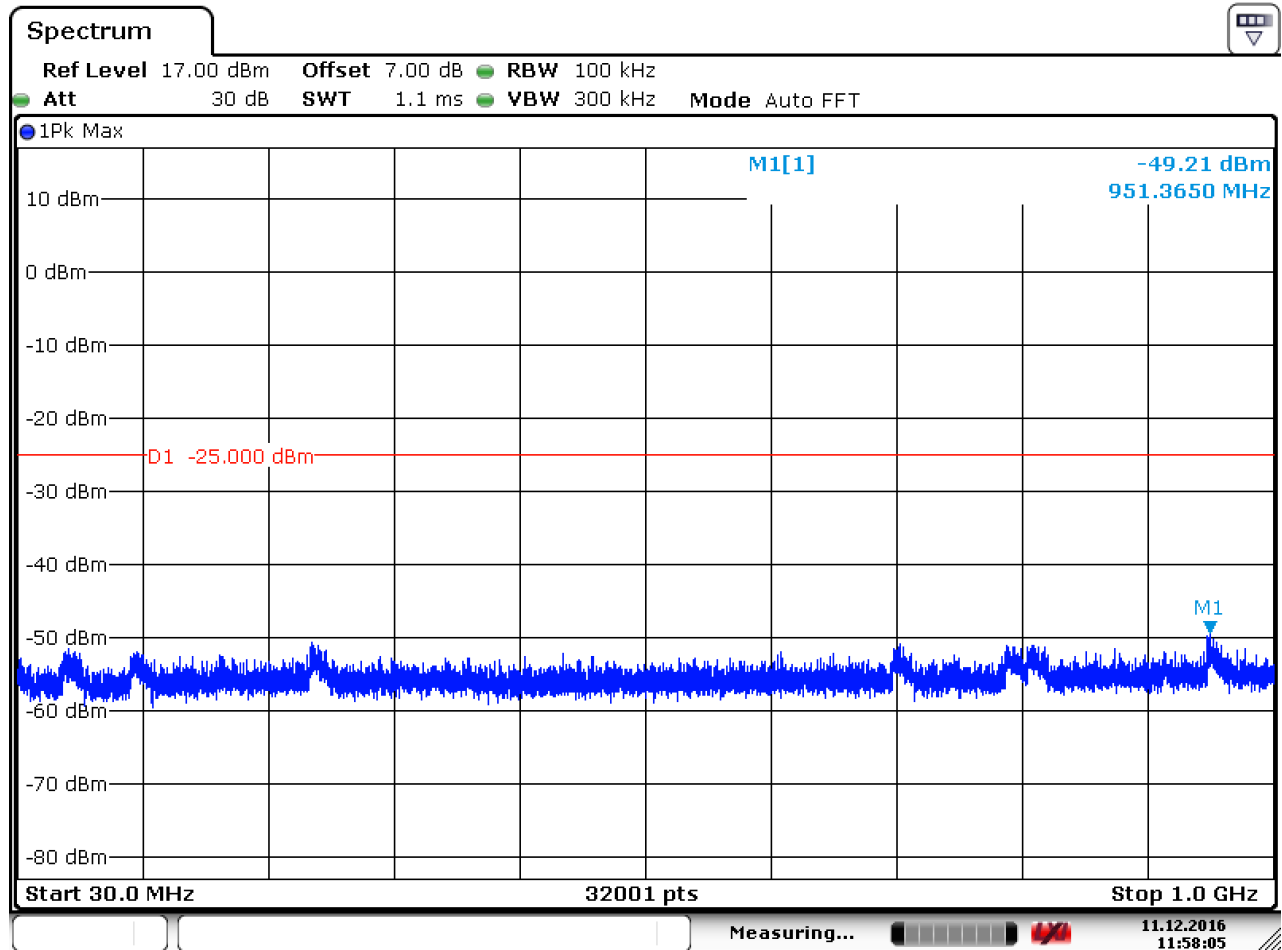


Date: 11.DEC.2016 13:21:10

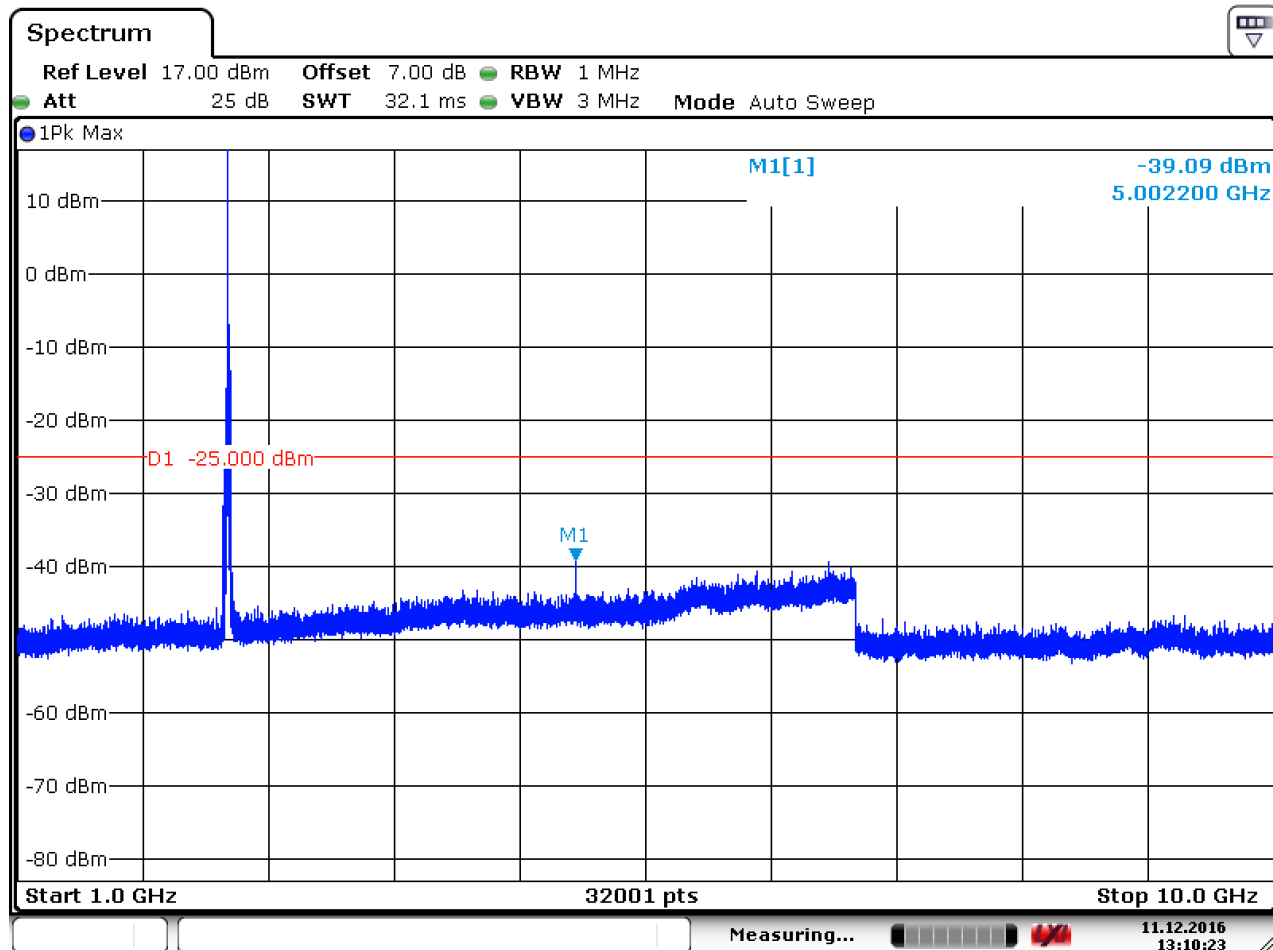


6.1.1.3 Test Mode = LTE / TM1 15MHz RB1#0

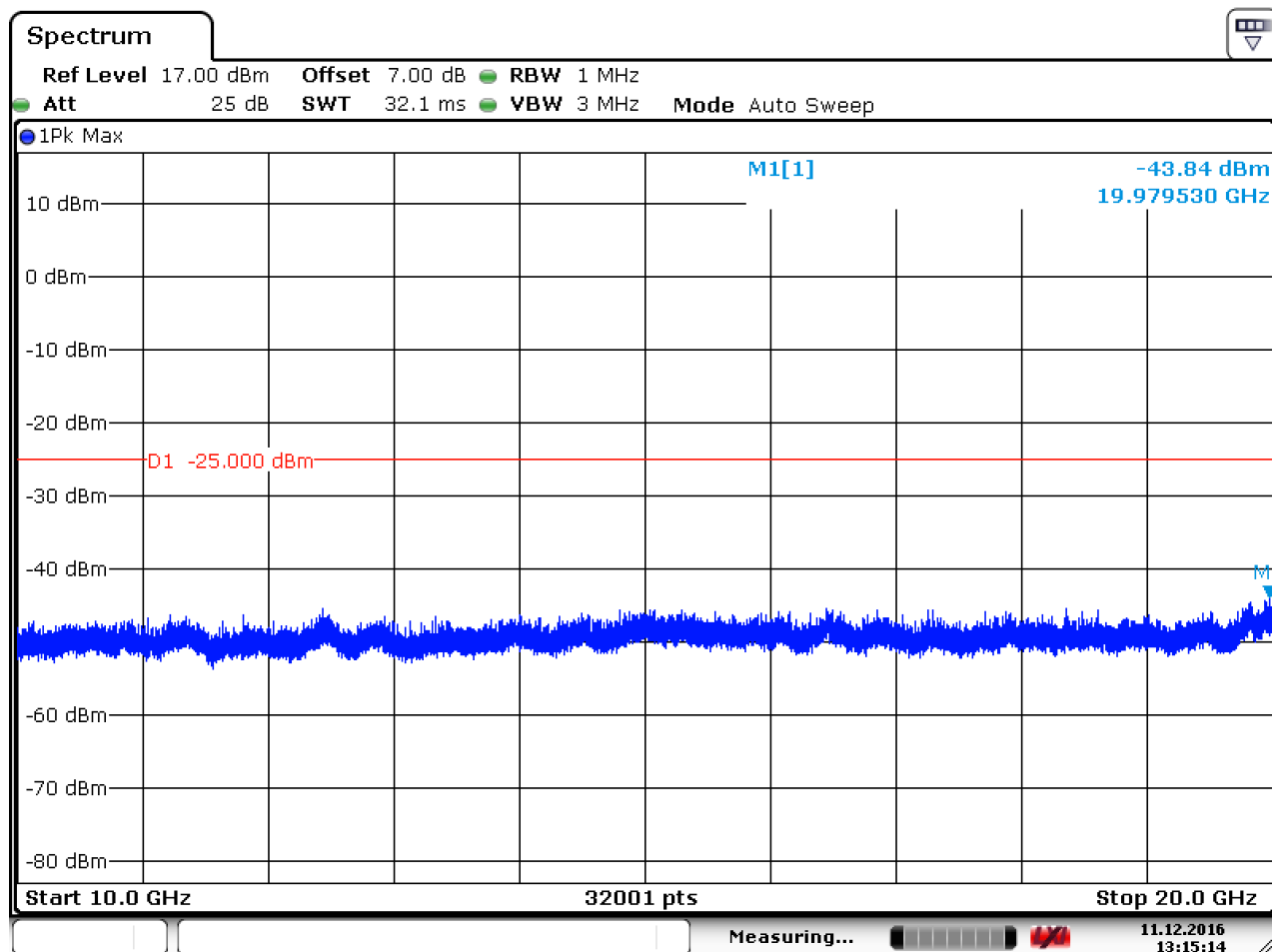
6.1.1.3.1 Test Channel = LCH



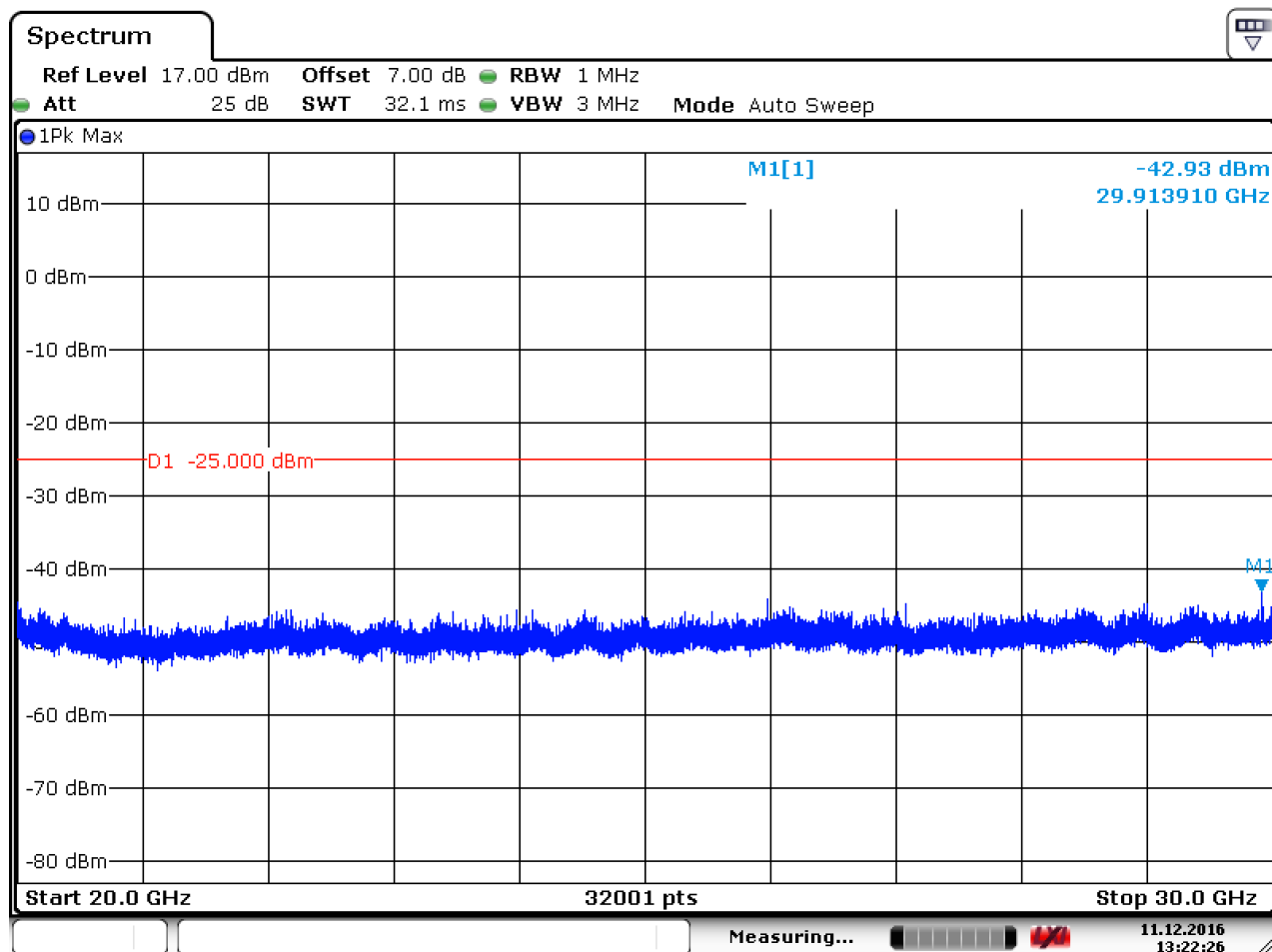
Date: 11.DEC.2016 11:58:05



Date: 11.DEC.2016 13:10:24



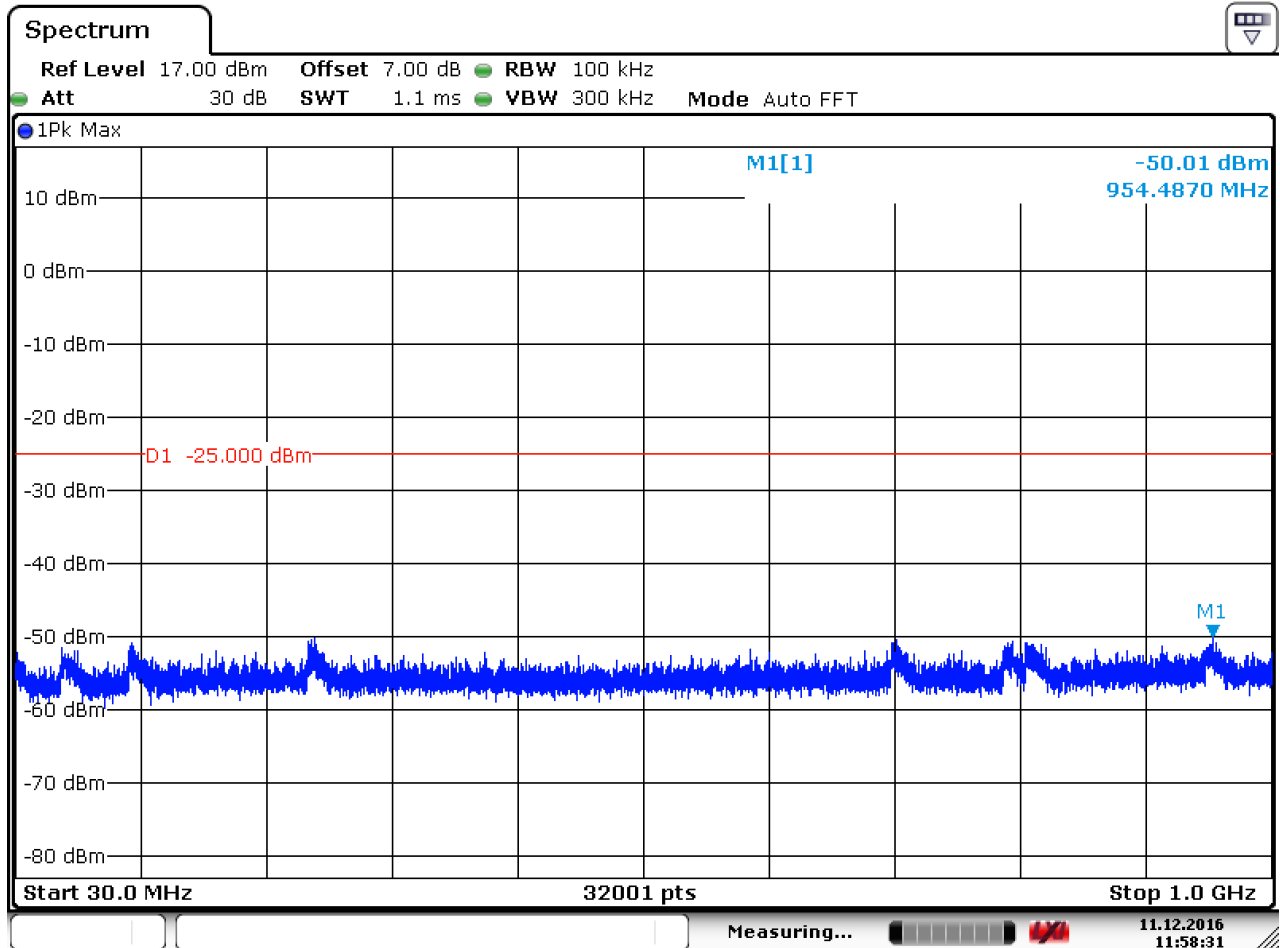
Date: 11.DEC.2016 13:15:15



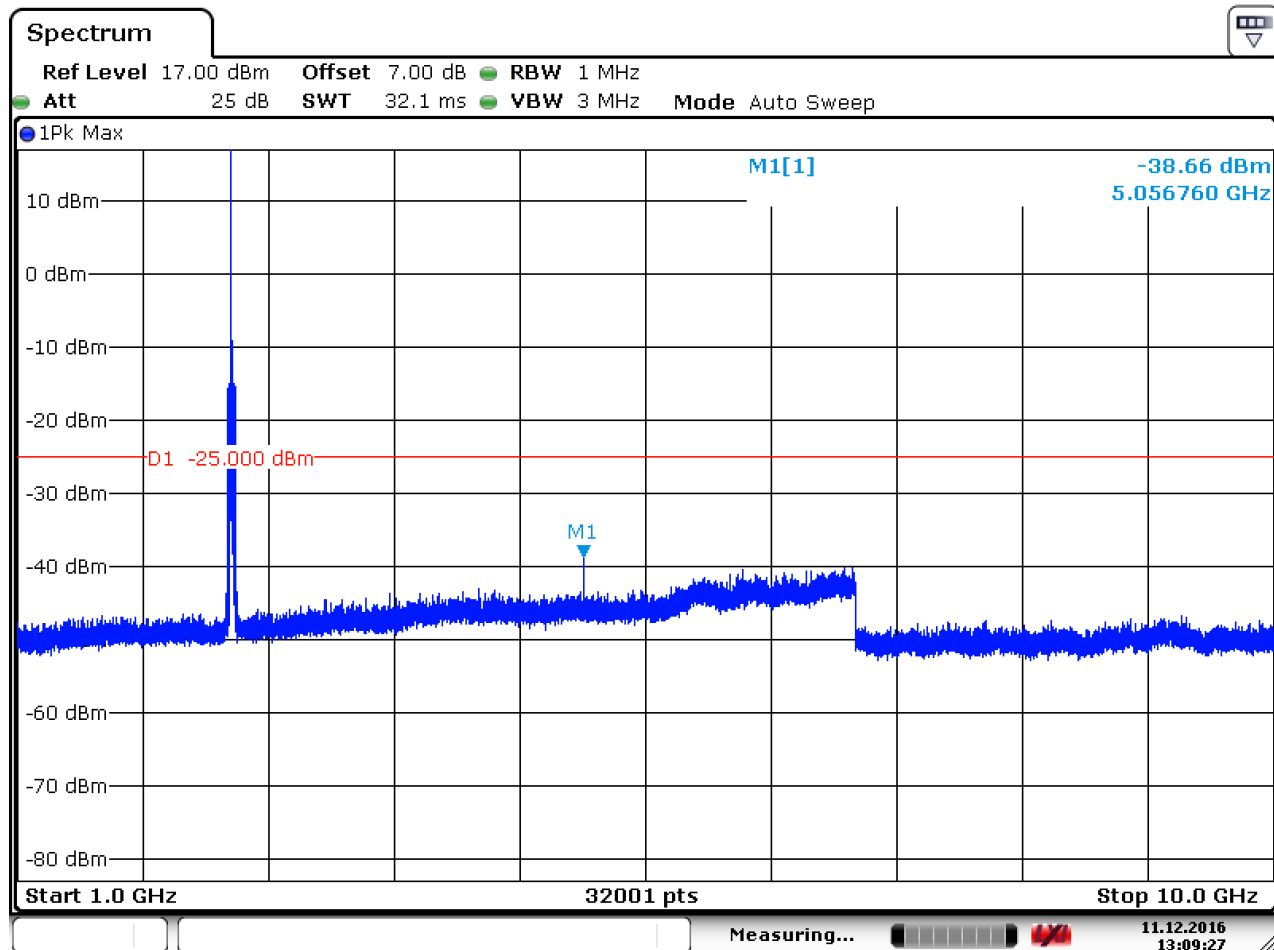
Date: 11.DEC.2016 13:22:26



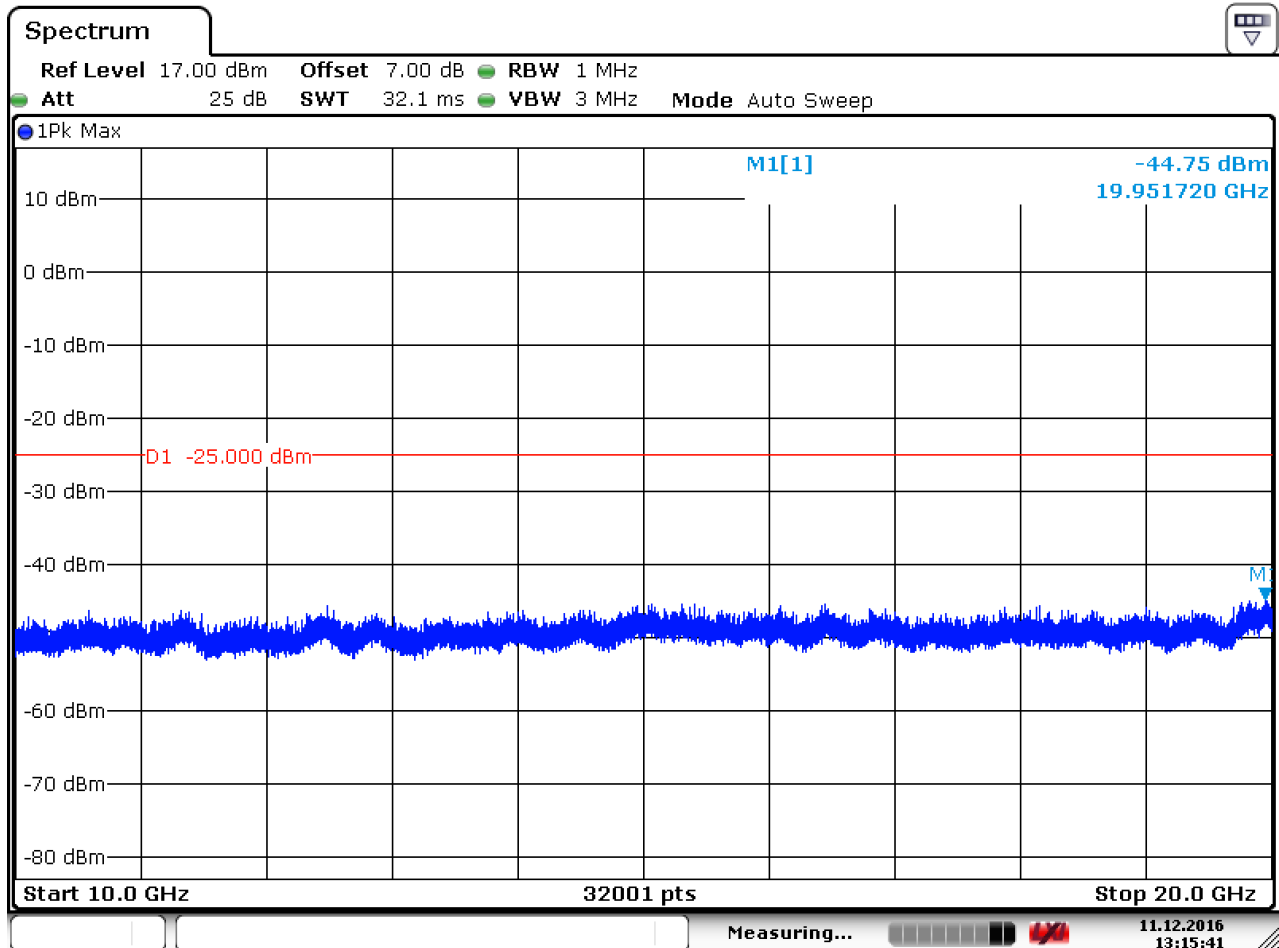
6.1.1.3.2 Test Channel = MCH



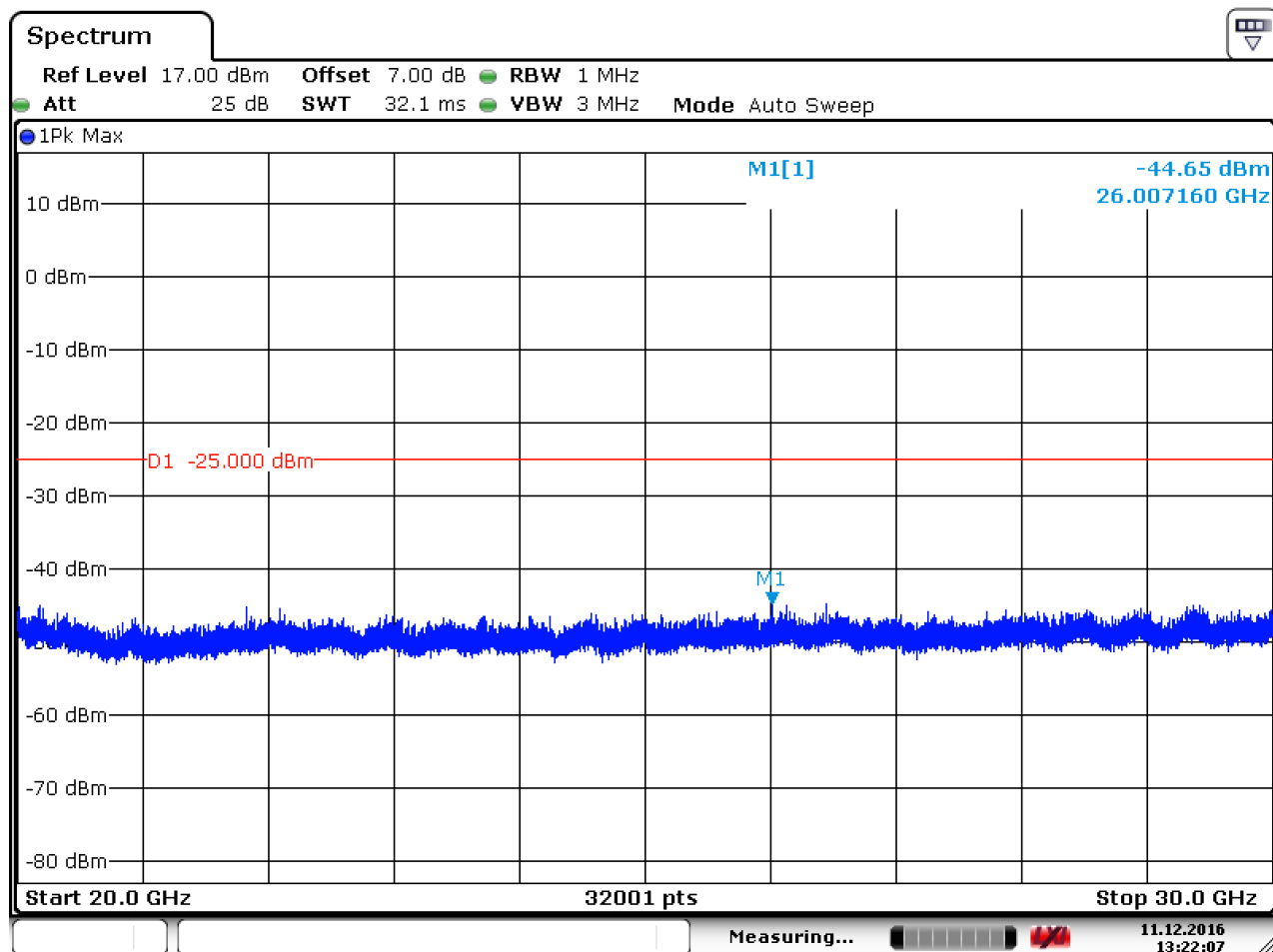
Date: 11.DEC.2016 11:58:31



Date: 11.DEC.2016 13:09:27



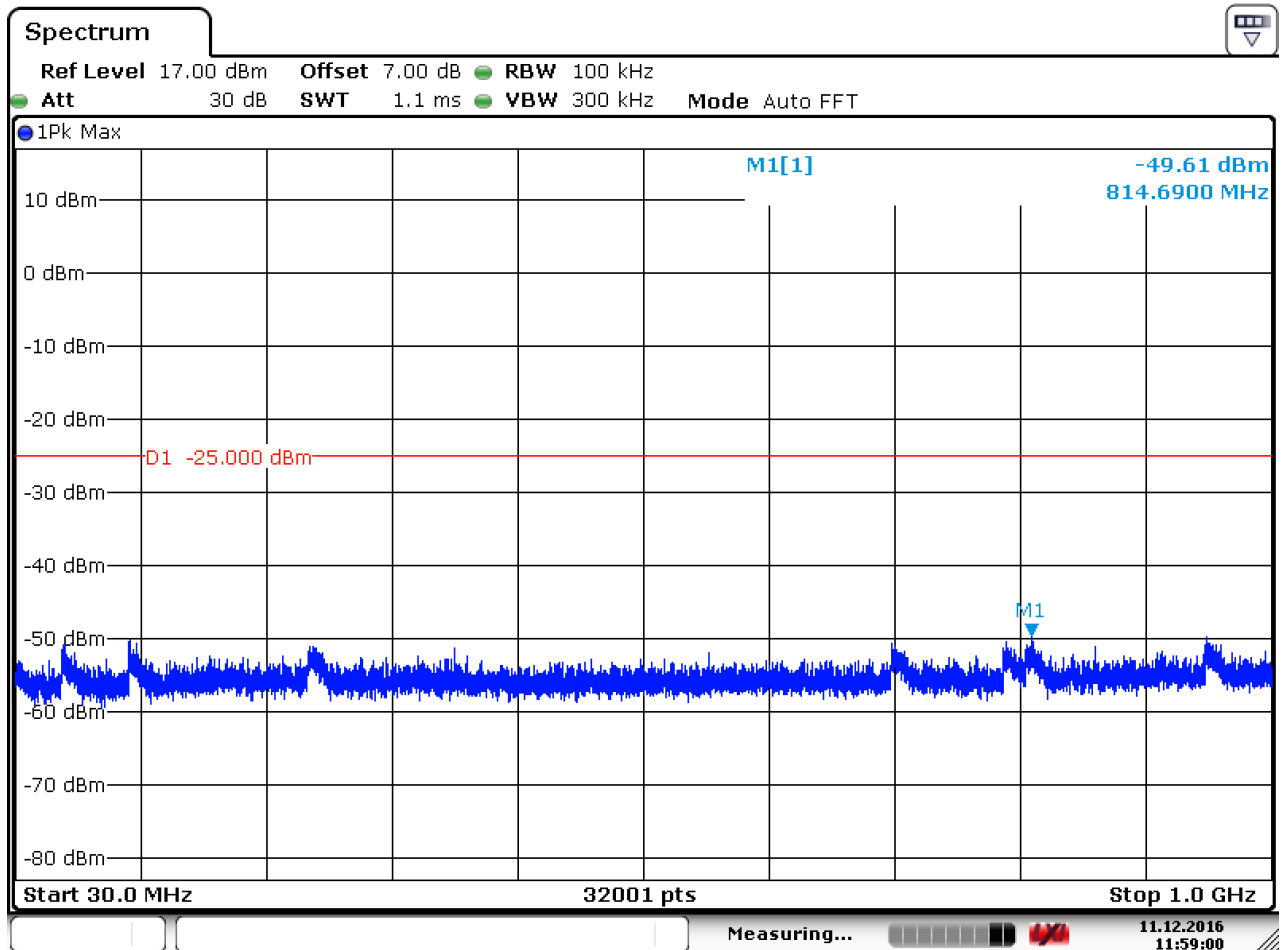
Date: 11.DEC.2016 13:15:41



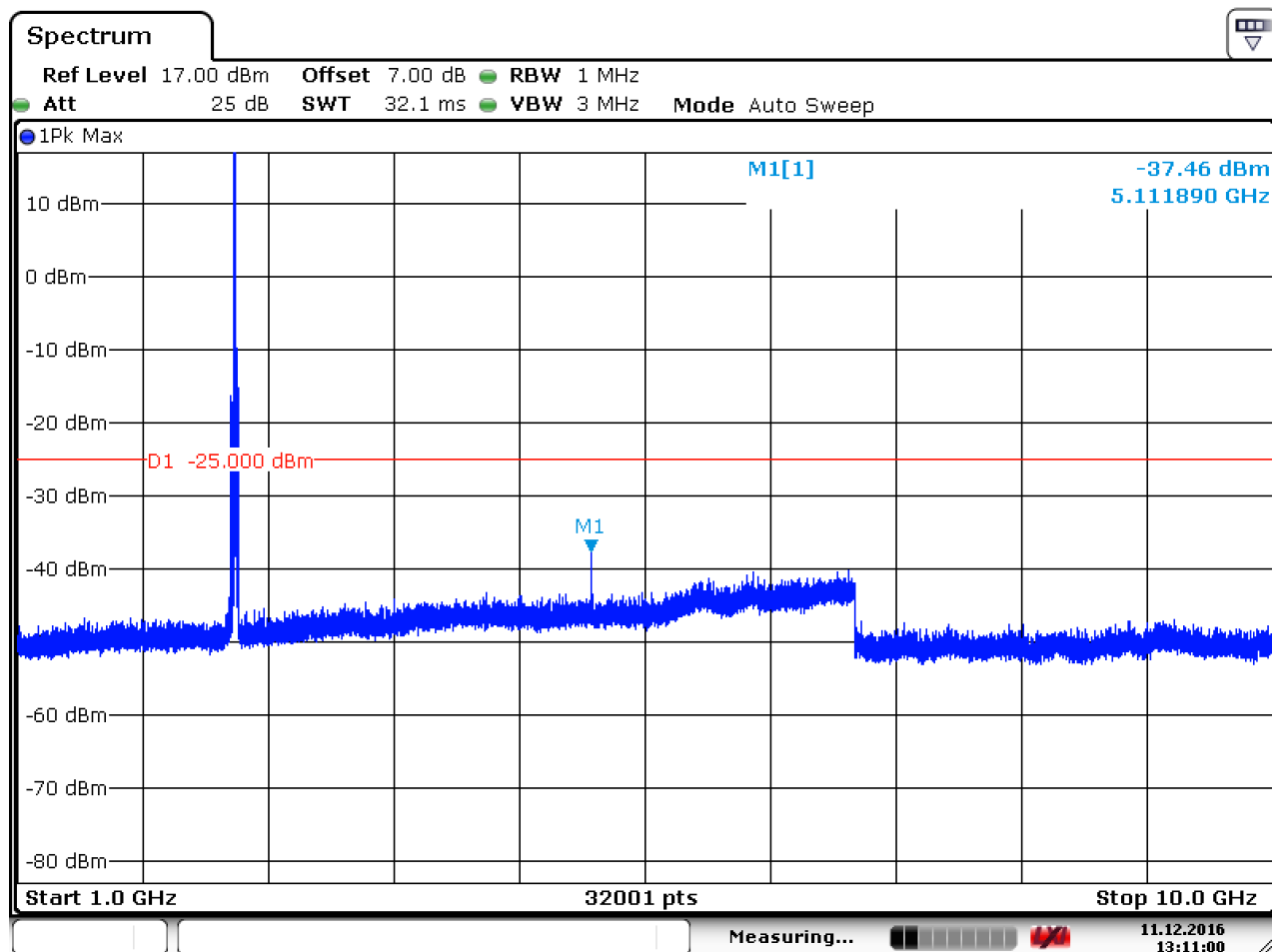
Date: 11.DEC.2016 13:22:08



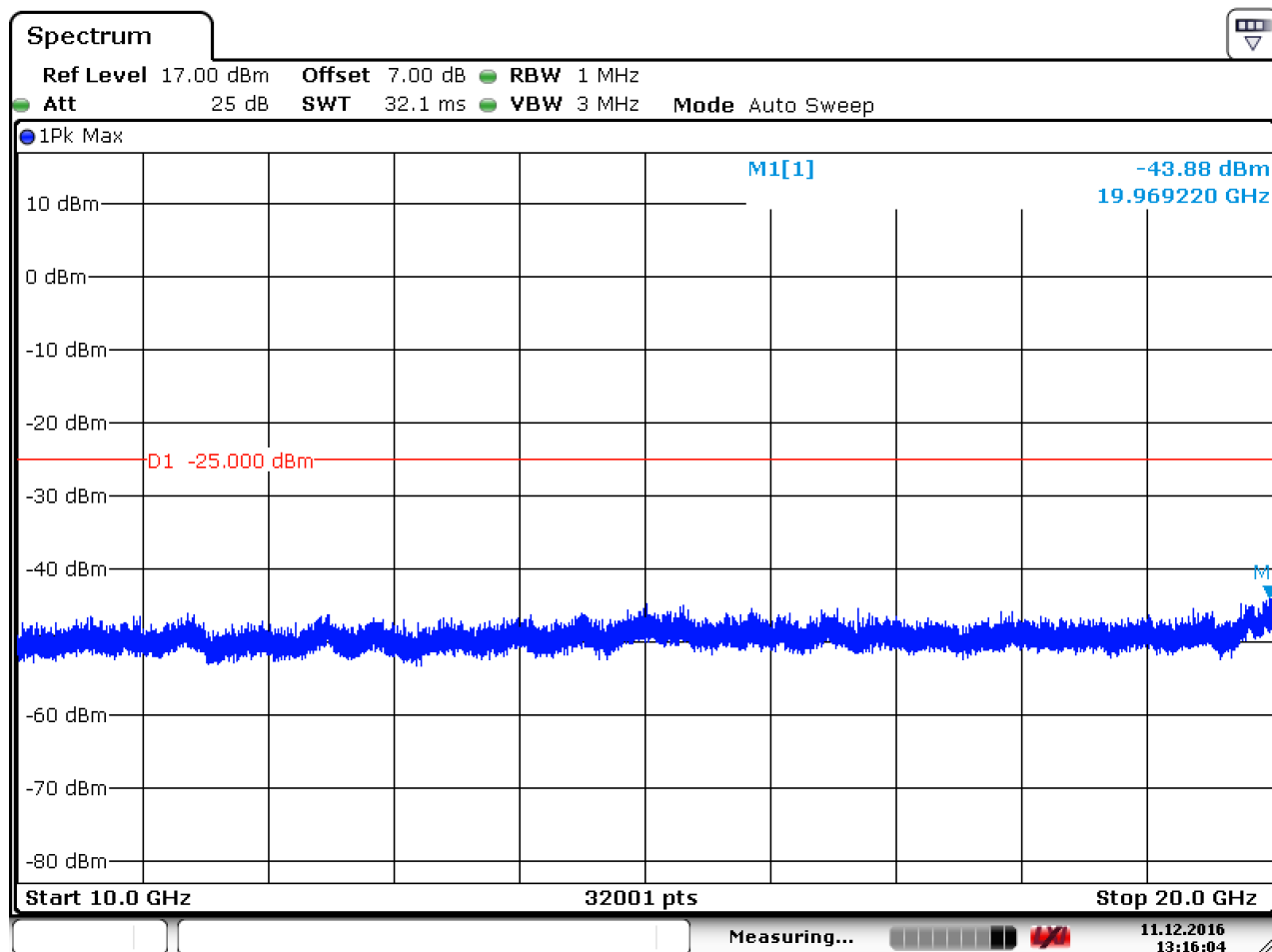
6.1.1.3.3 Test Channel = HCH



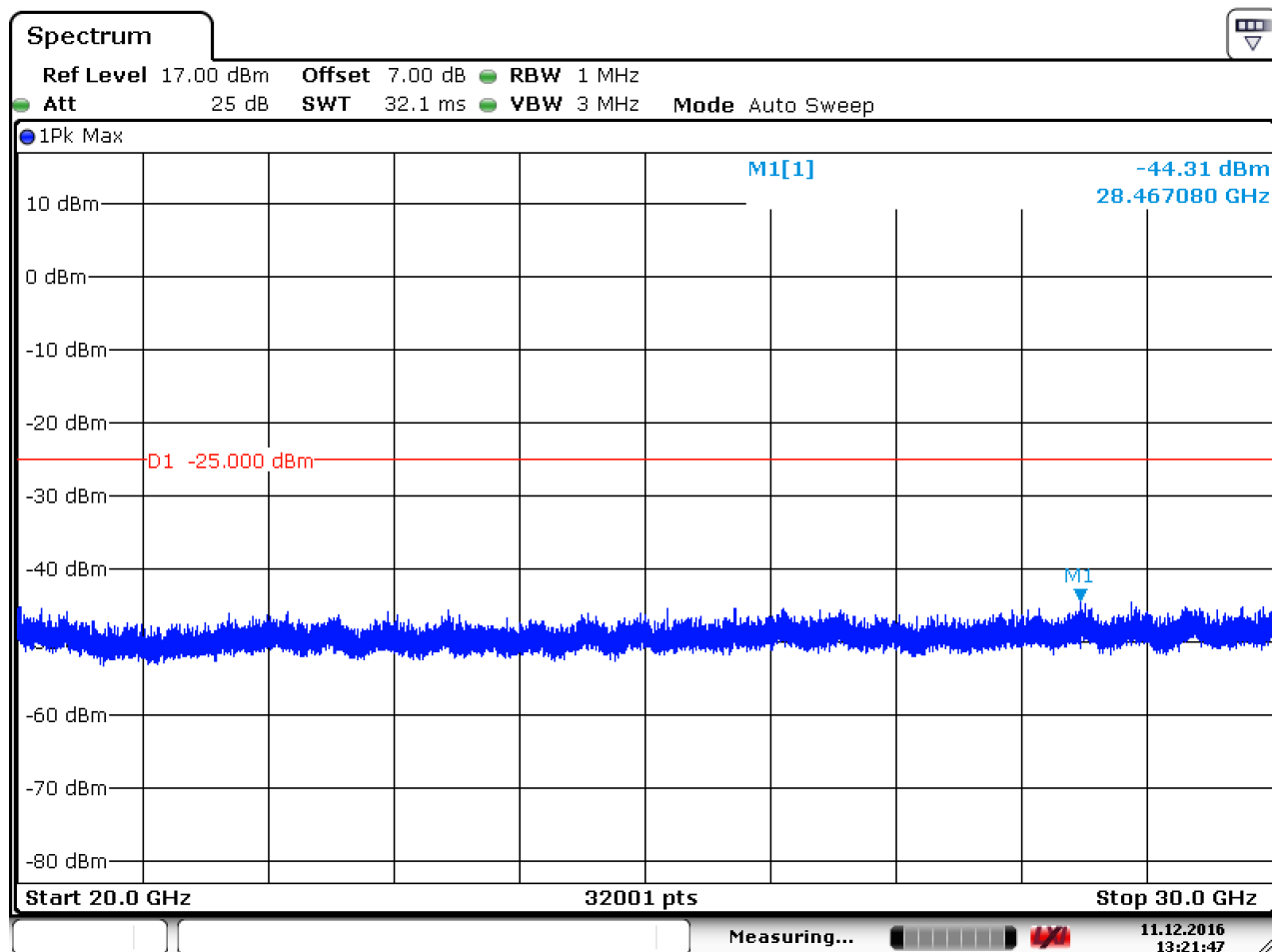
Date: 11.DEC.2016 11:59:00



Date: 11.DEC.2016 13:11:00



Date: 11.DEC.2016 13:16:04



Date: 11.DEC.2016 13:21:47

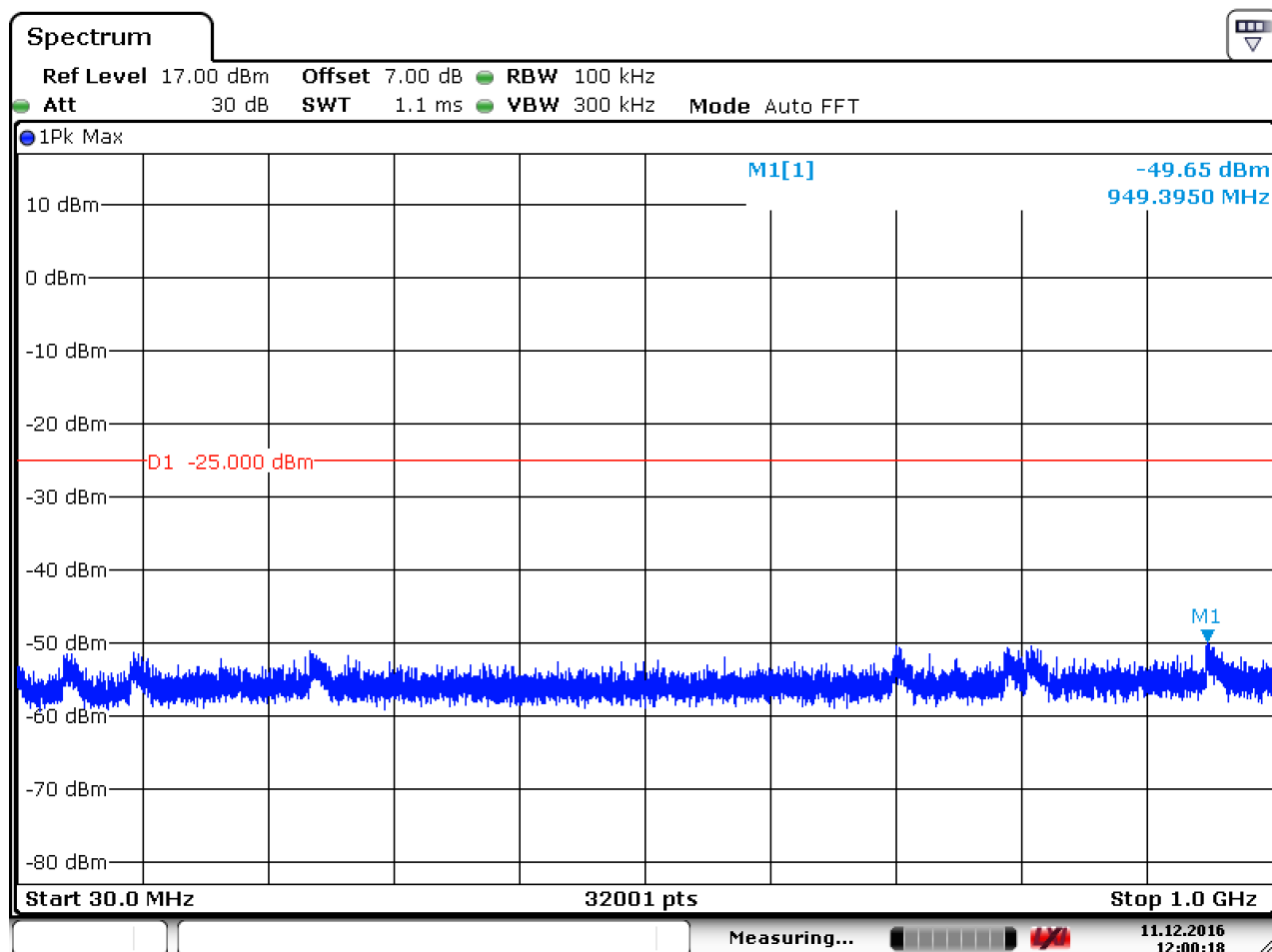


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Report No.: SZEM161000916705
Page: 119 of 134

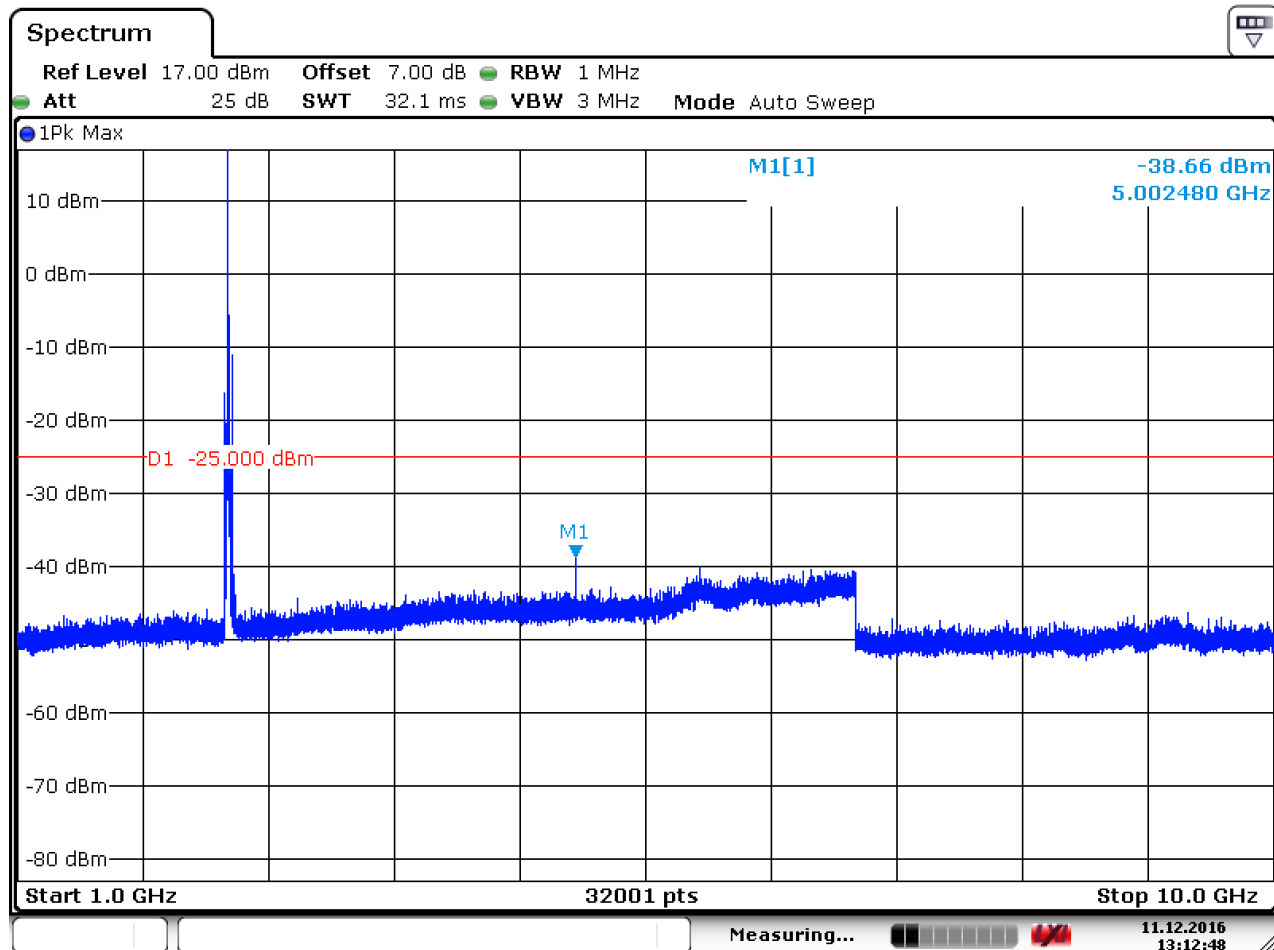
6.1.1.4 Test Mode = LTE / TM1 20MHz RB1#0

6.1.1.4.1 Test Channel = LCH

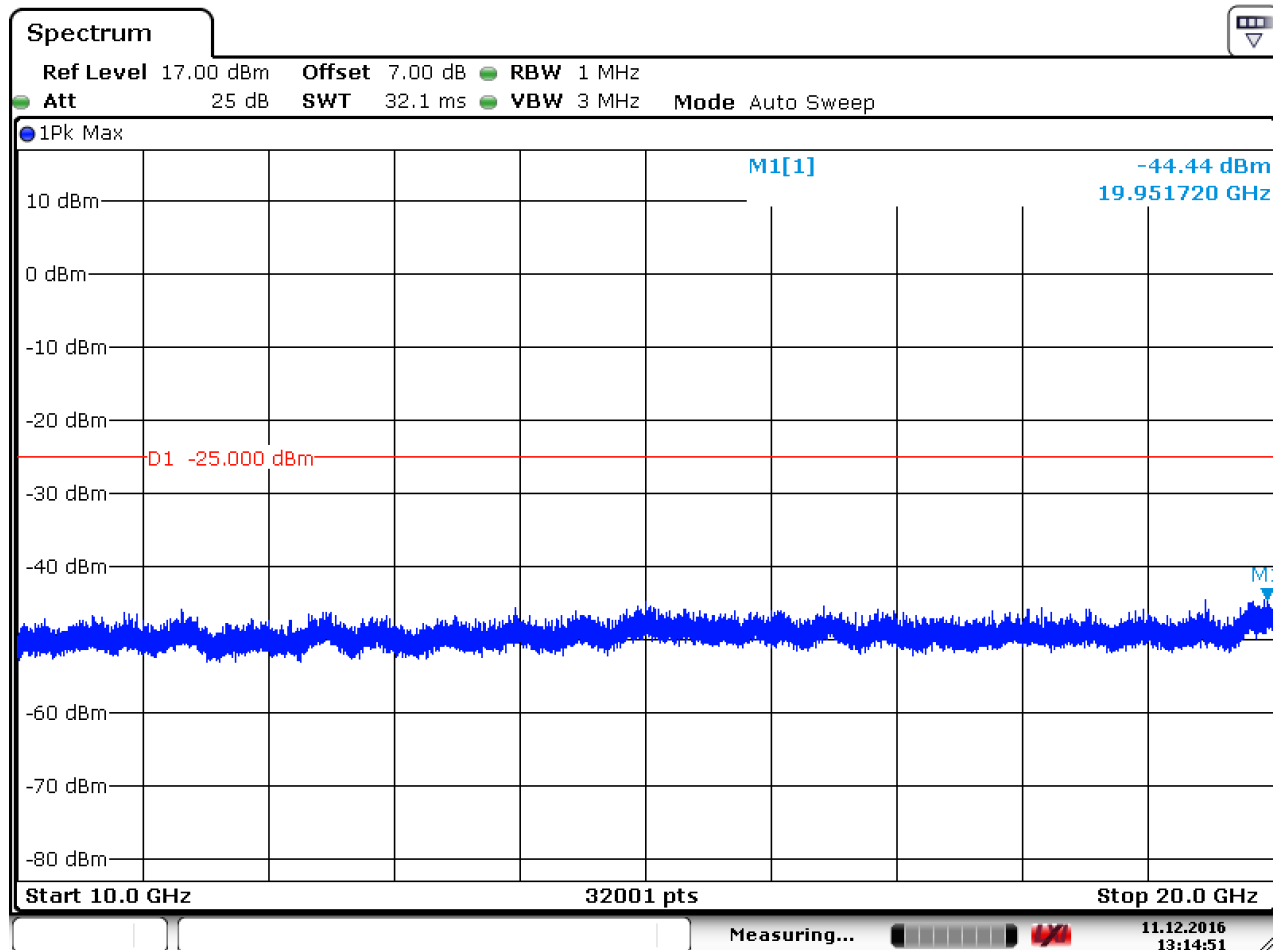


Date: 11.DEC.2016 12:00:19

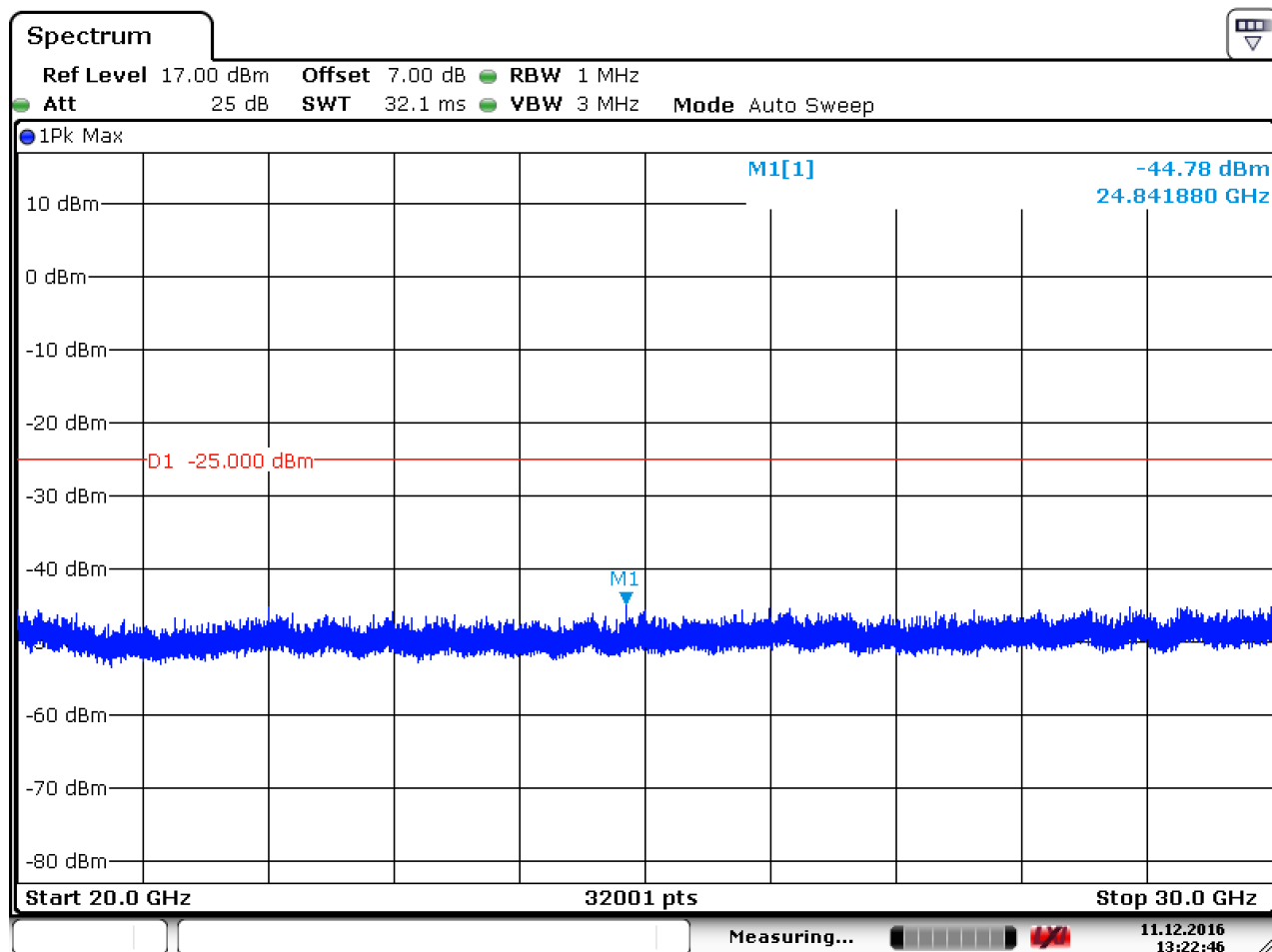
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."



Date: 11.DEC.2016 13:12:49



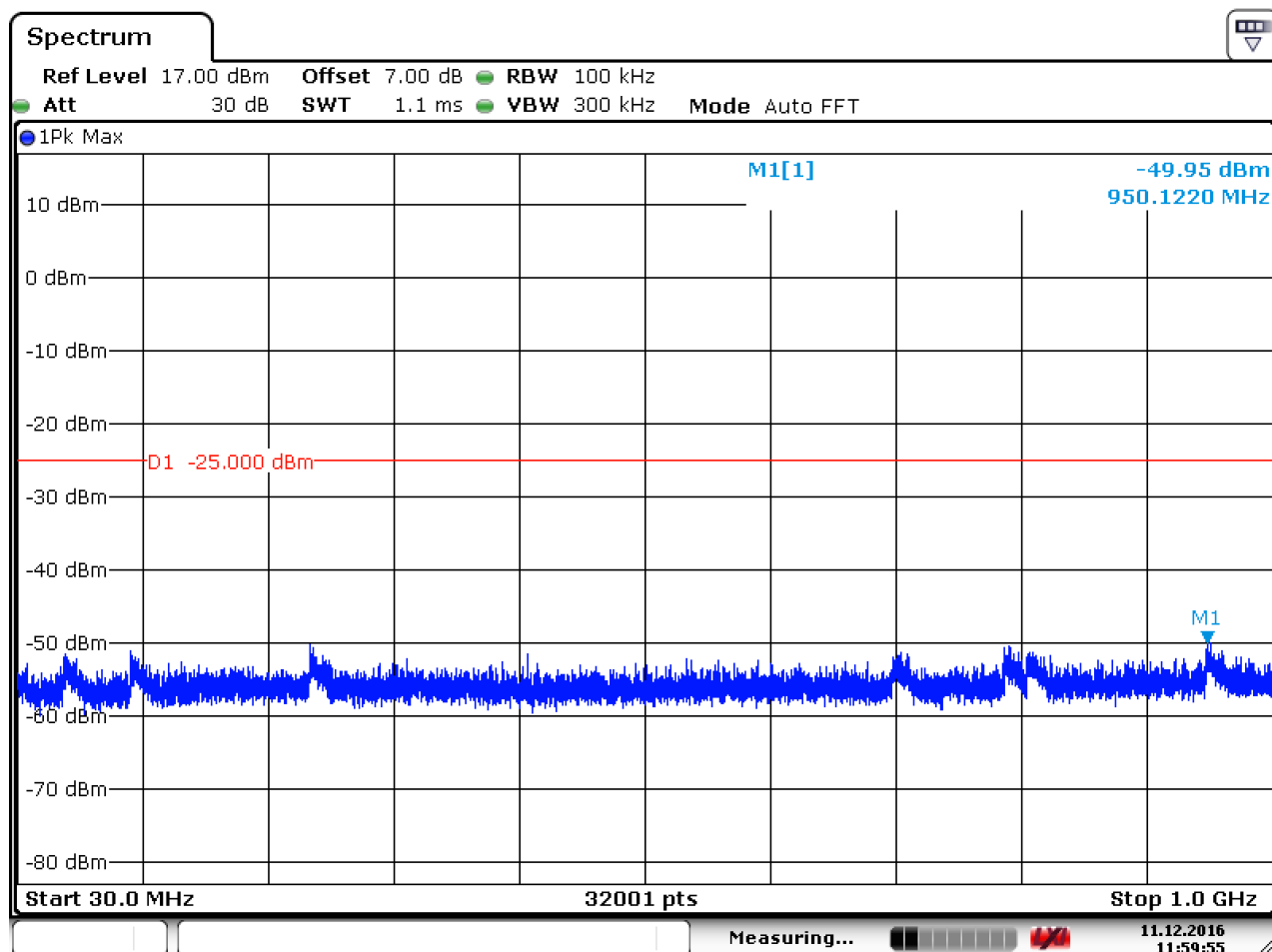
Date: 11.DEC.2016 13:14:51



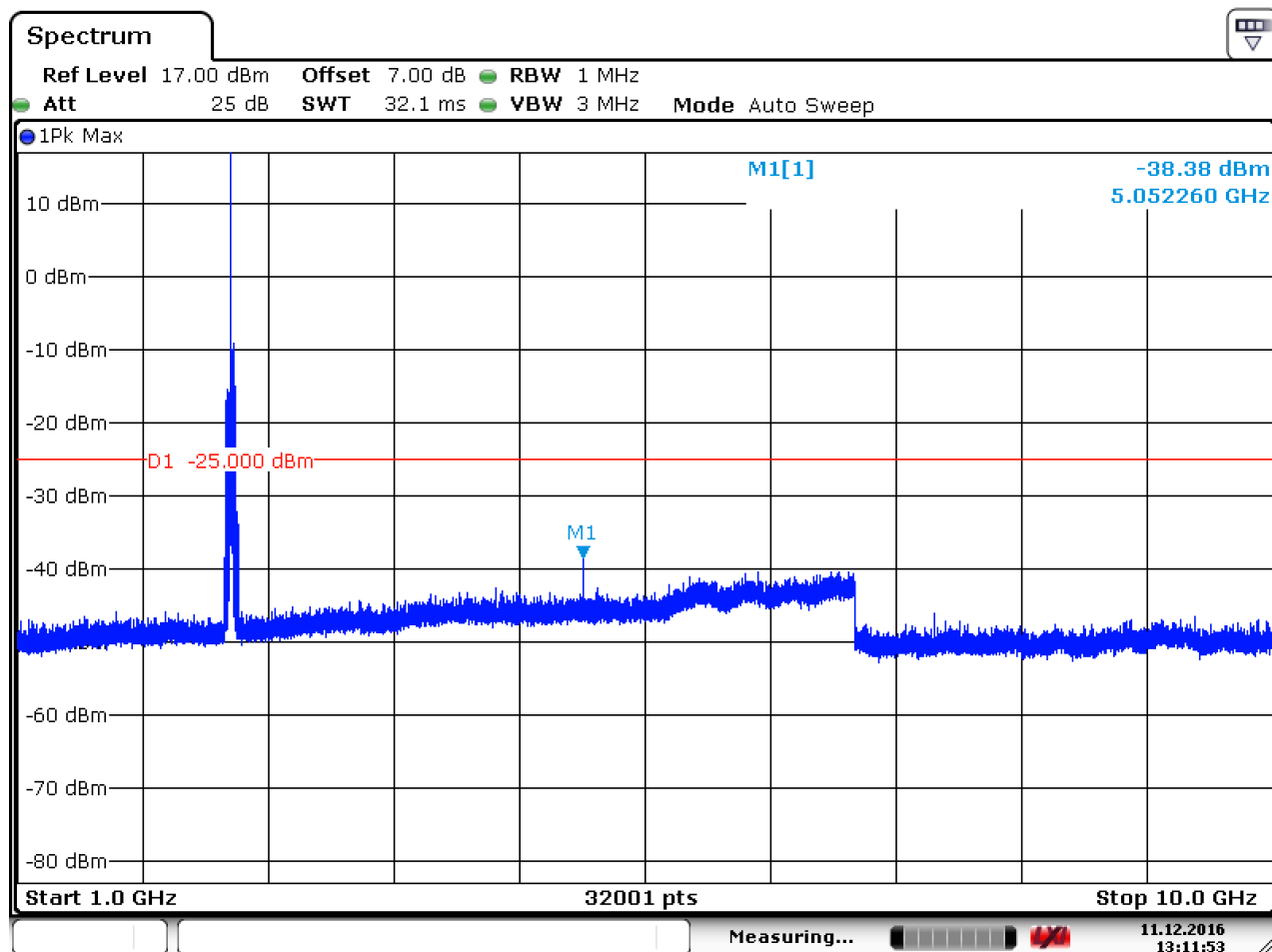
Date: 11.DEC.2016 13:22:47



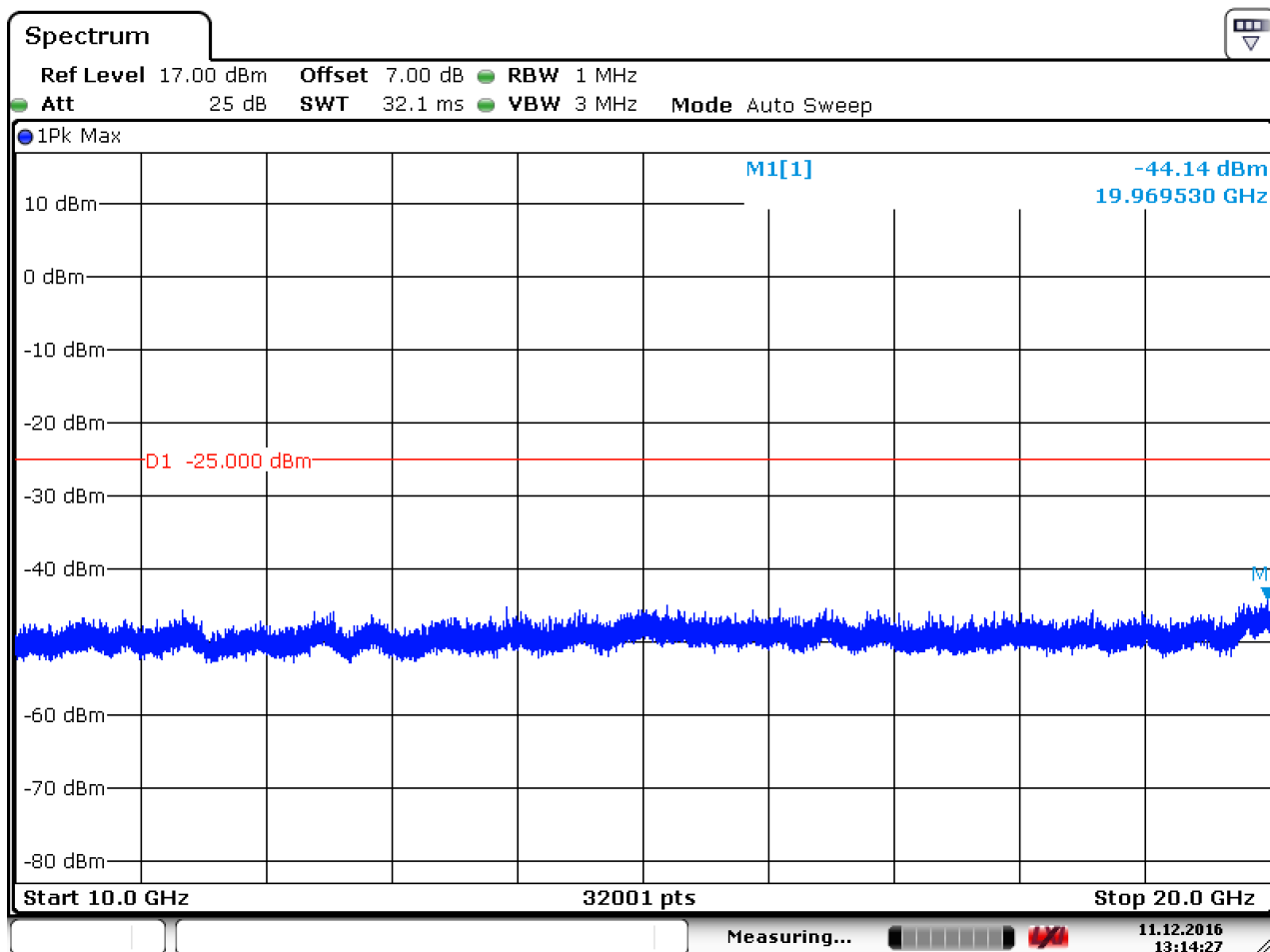
6.1.1.4.2 Test Channel = MCH



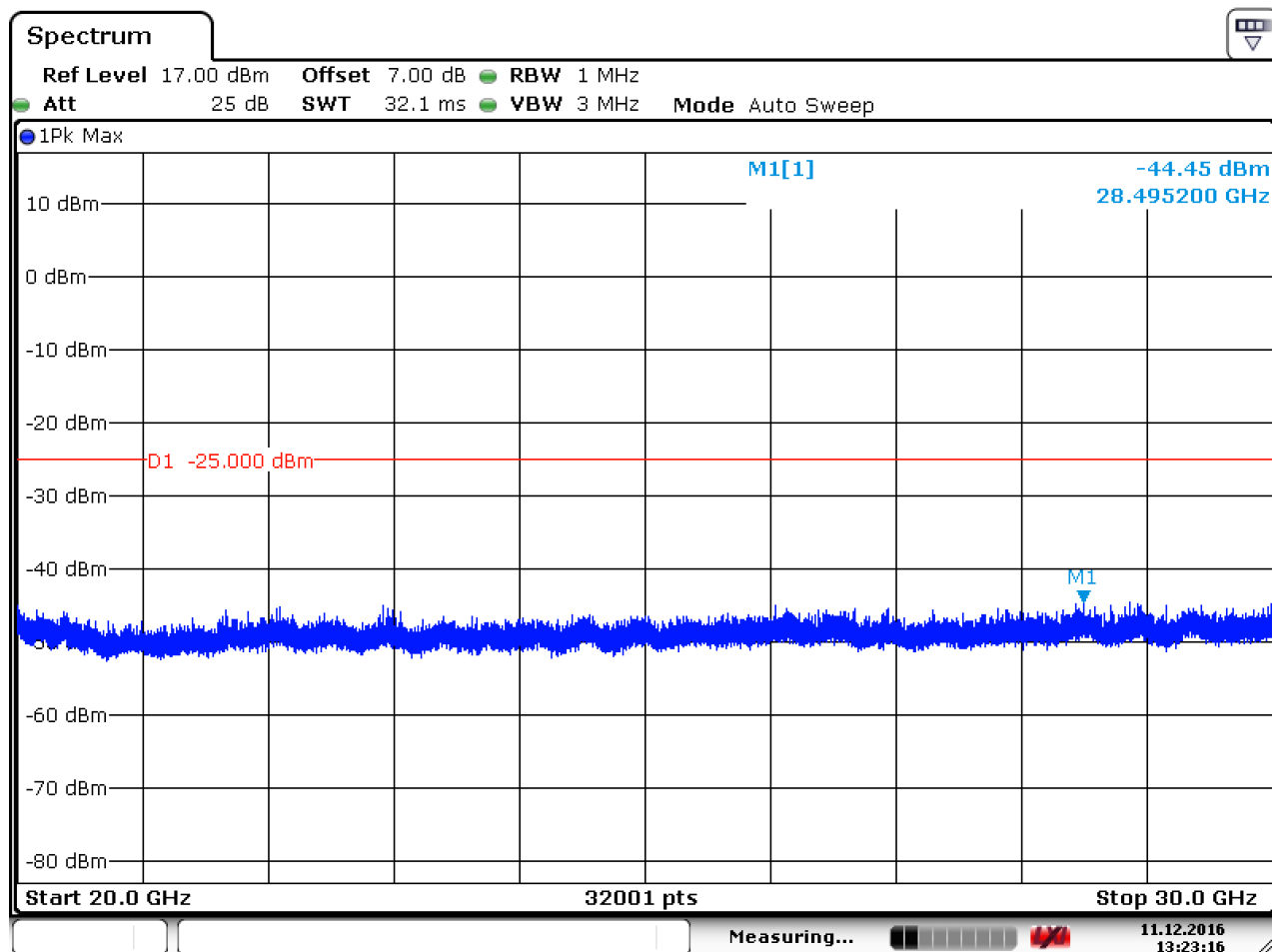
Date: 11.DEC.2016 11:59:56



Date: 11.DEC.2016 13:11:54



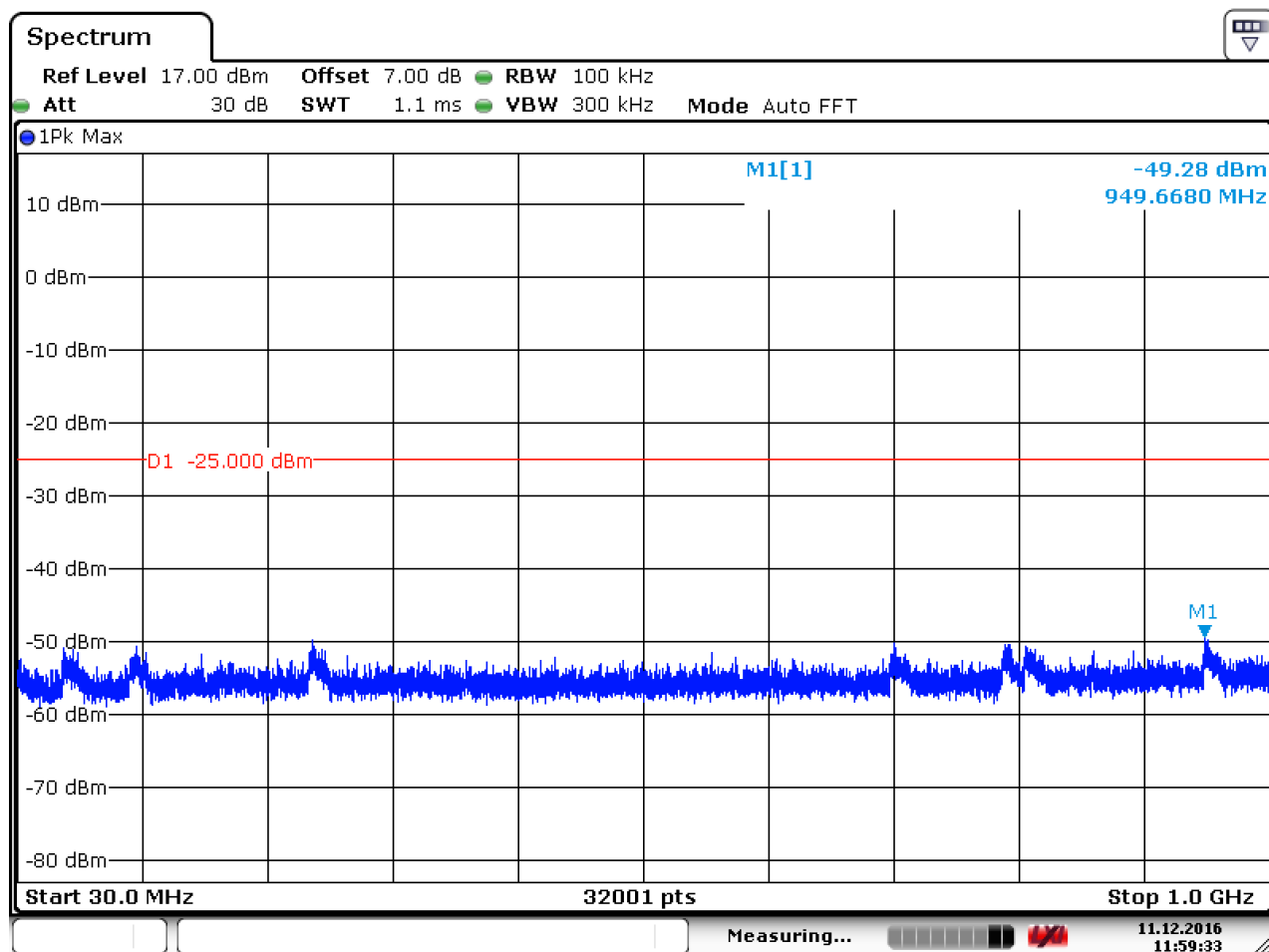
Date: 11.DEC.2016 13:14:27



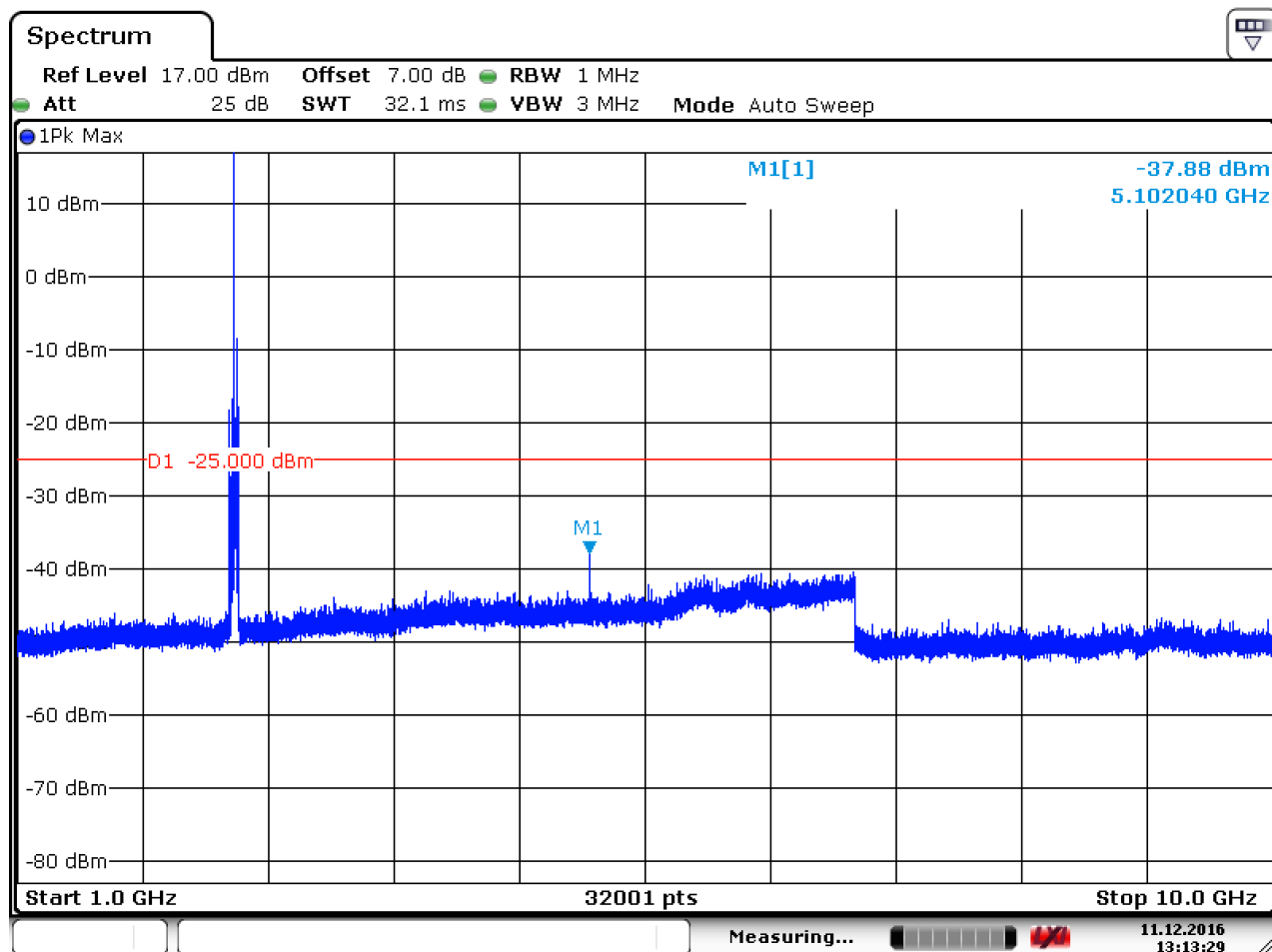
Date: 11.DEC.2016 13:23:16



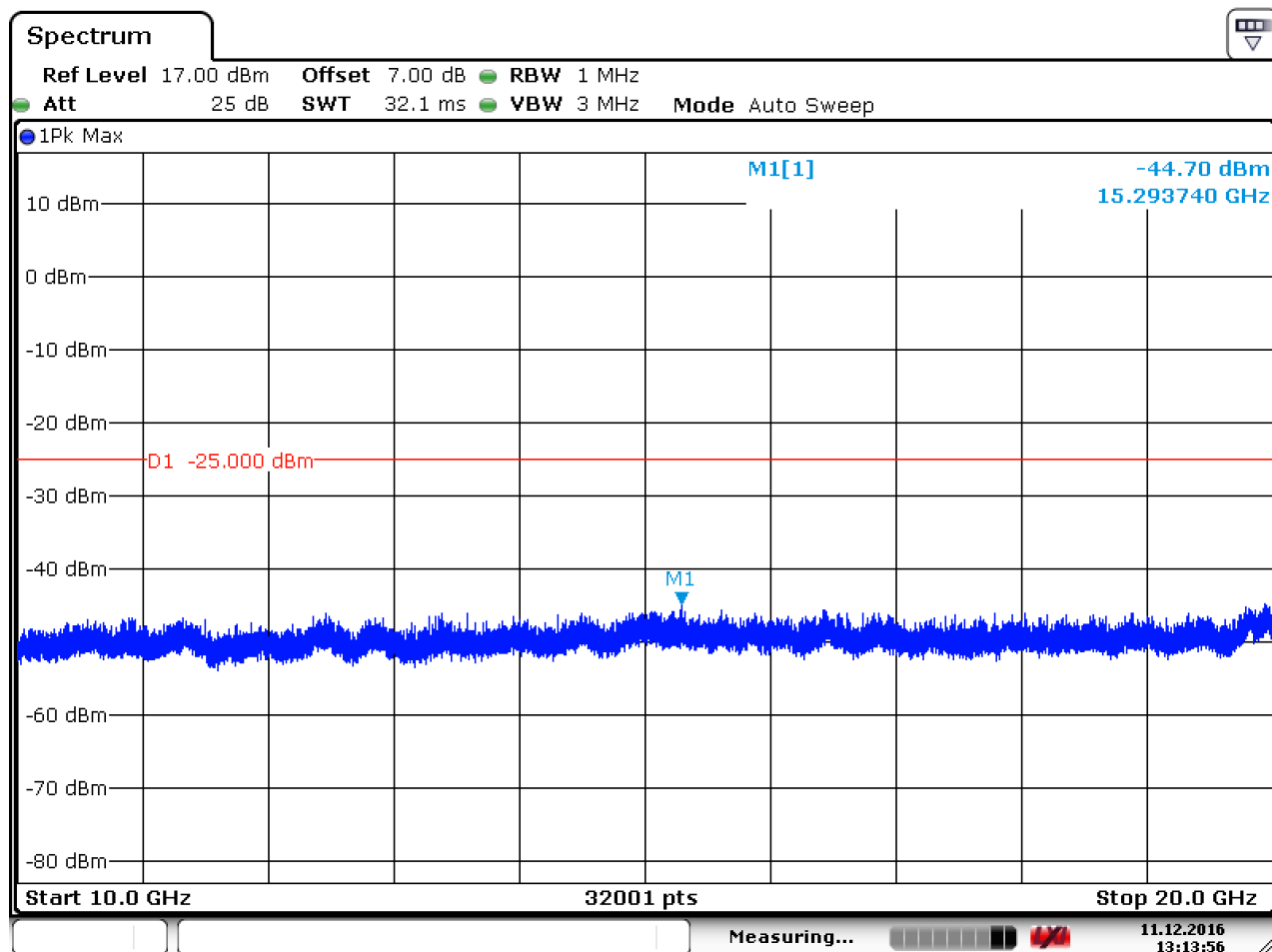
6.1.1.4.3 Test Channel = HCH



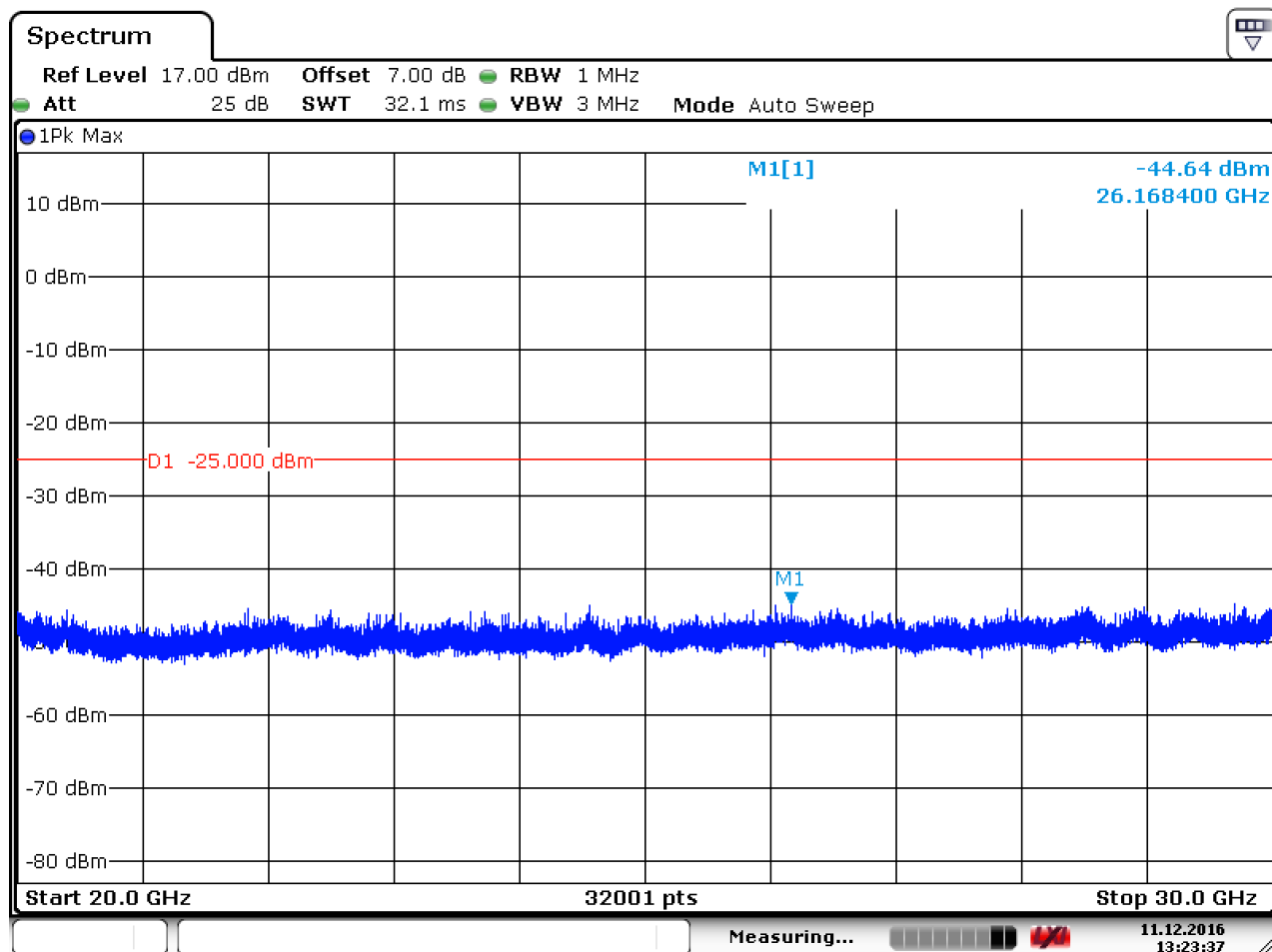
Date: 11.DEC.2016 11:59:34



Date: 11.DEC.2016 13:13:29



Date: 11.DEC.2016 13:13:57



Date: 11.DEC.2016 13:23:38



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.



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



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

Report No.: SZEM161000916705

Page: 134 of 134

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
				50	-3.39	-0.00135	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
				50	-5.00	-0.00197	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

"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only."