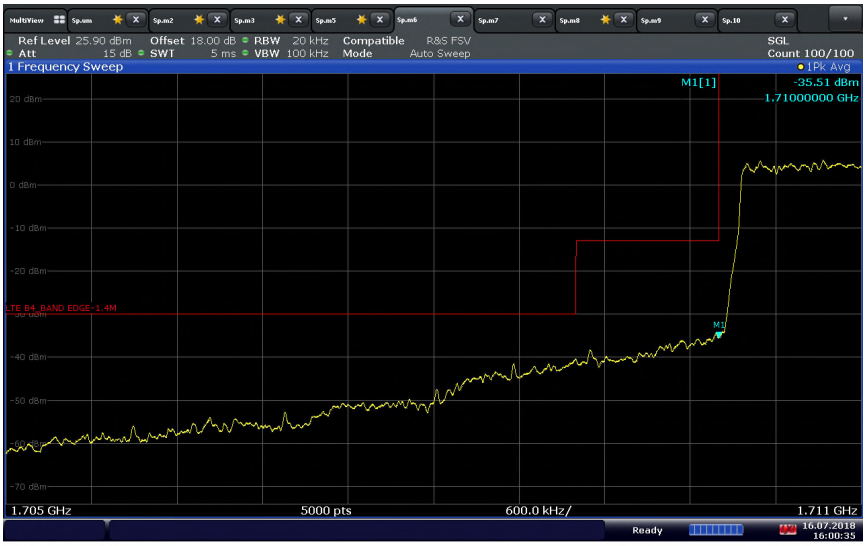
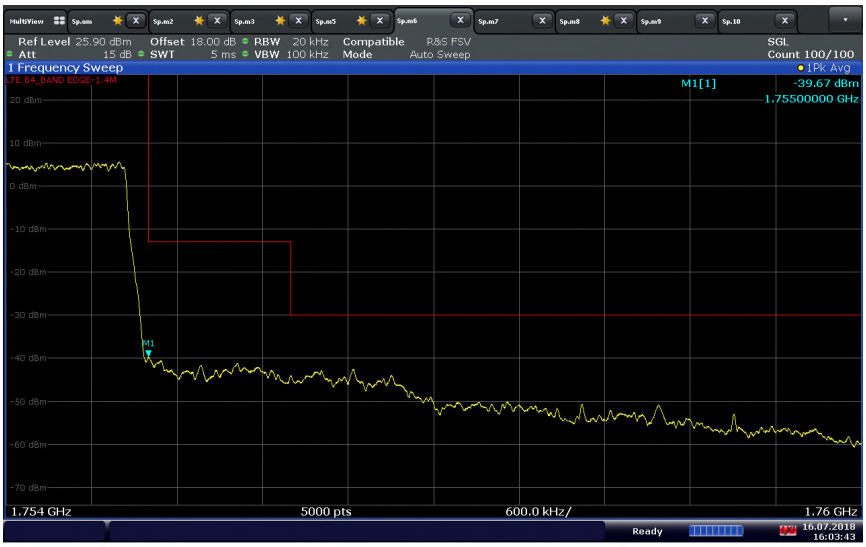
LTE Band 4 (1.4 MHz BW)/QPSK/Low Channel 1710.7 MHz/Full RB Band Edge @1710 MHz



16:00:36 16.07.2018

LTE Band 4 (1.4 MHz BW)/QPSK/High Channel 1754.3 MHz/Full RB Band Edge @1755 MHz



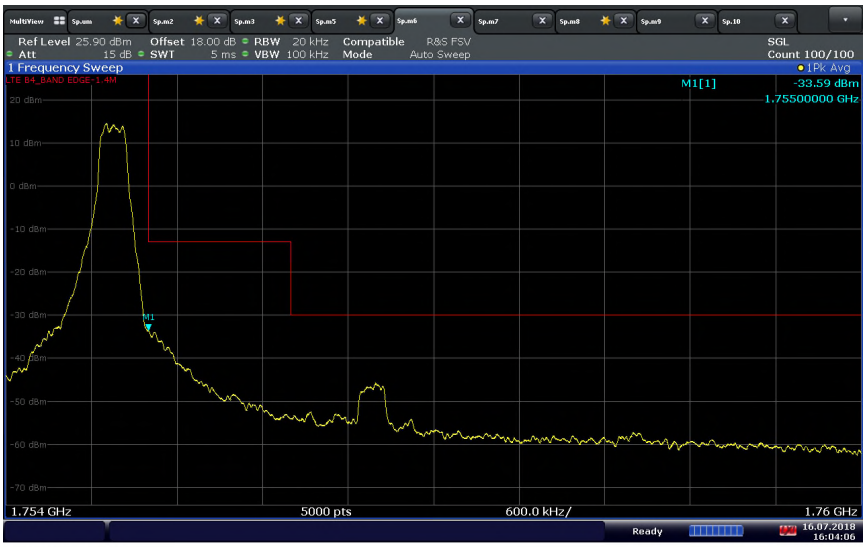
16:03:43 16.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (1.4 MHz BW)/QPSK/Low Channel 1710.7 MHz/1 RB 0 offset Band Edge @1710 MHz

15:59:49 16.07.2018

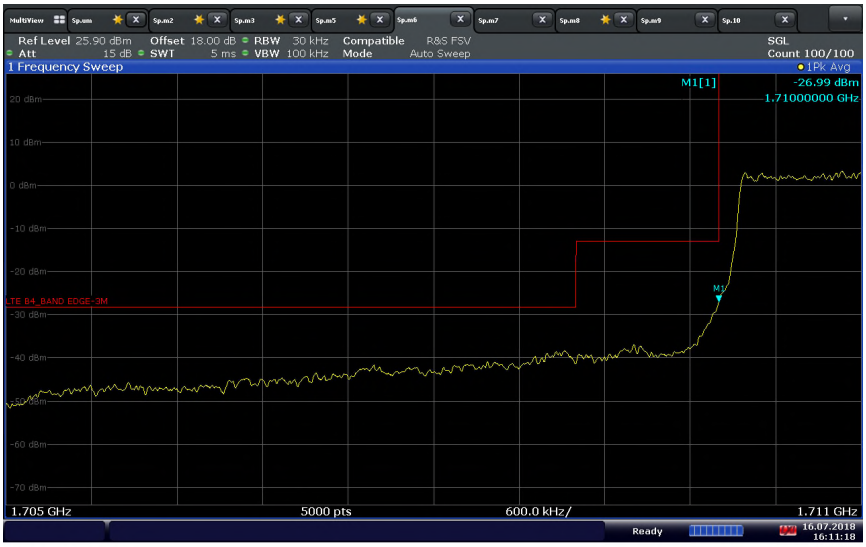
LTE Band 4 (1.4 MHz BW)/QPSK/High Channel 1754.3 MHz/1 RB 5 offset Band Edge @1755 MHz



16:04:06 16.07.2018

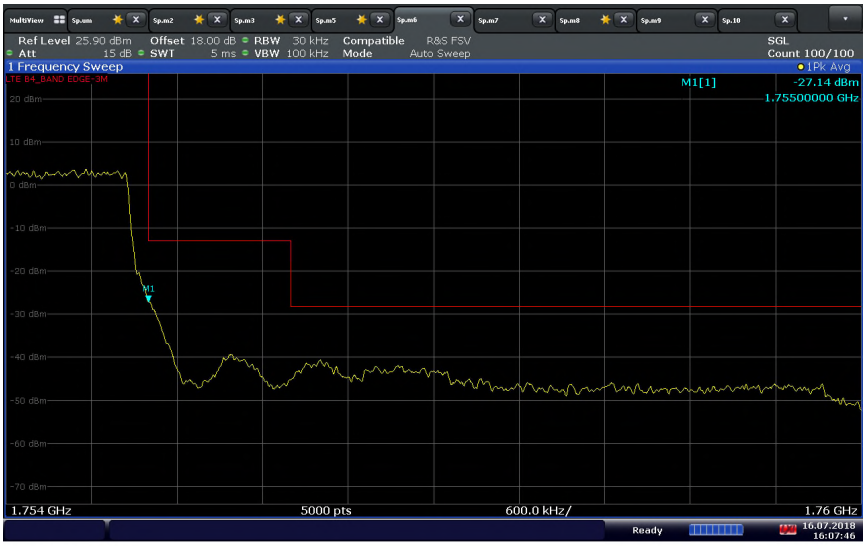
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (3 MHz BW)/QPSK/Low Channel 1711.5 MHz/Full RB Band Edge @1710 MHz



16:11:18 16.07.2018

LTE Band 4 (3 MHz BW)/QPSK/High Channel 1753.5 MHz /Full RB Band Edge @1755 MHz



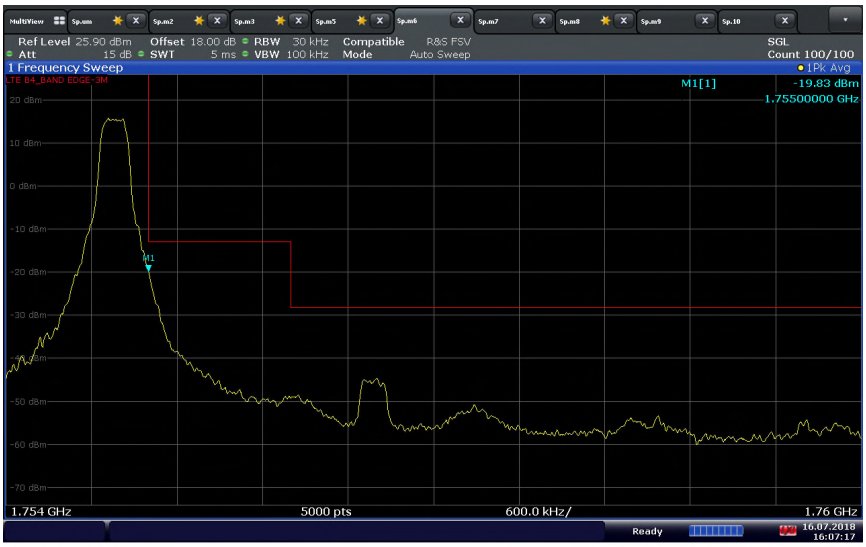
16:07:46 16.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (3 MHz BW)/QPSK/Low Channel 1711.5 MHz/1 RB 0 offset Band Edge @1710 MHz

16:11:38 16.07.2018

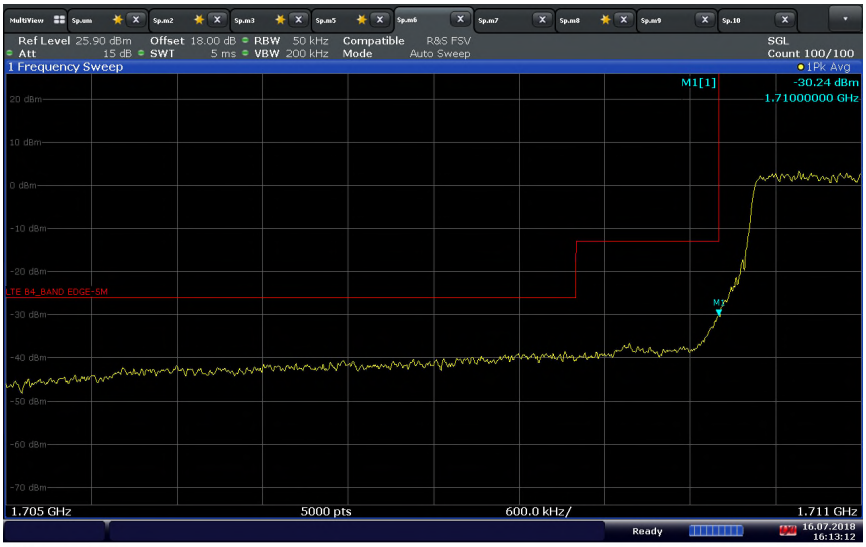
LTE Band 4 (3 MHz BW)/QPSK/High Channel 1753.5 MHz/1 RB 14 offset Band Edge @1755 MHz



16:07:17 16.07.2018

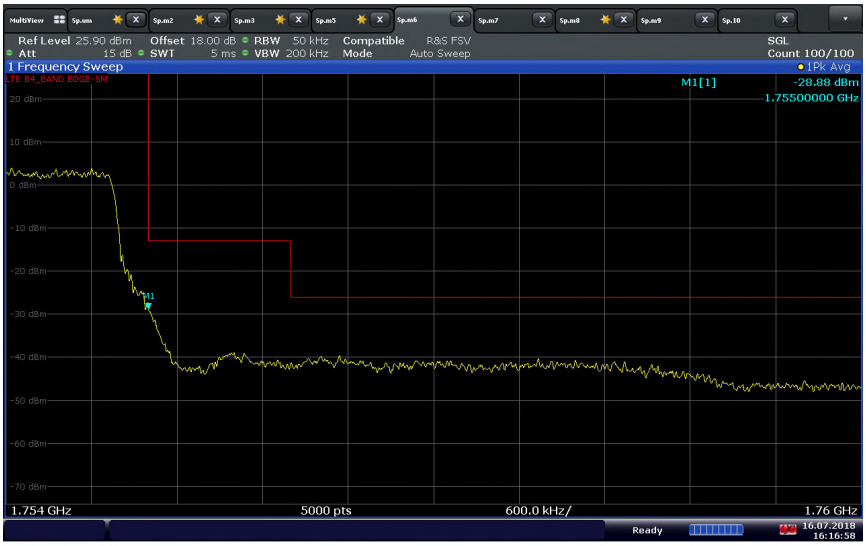
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (5 MHz BW)/QPSK/Low Channel 1712.5 MHz/Full RB Band Edge @1710 MHz



16:13:13 16.07.2018

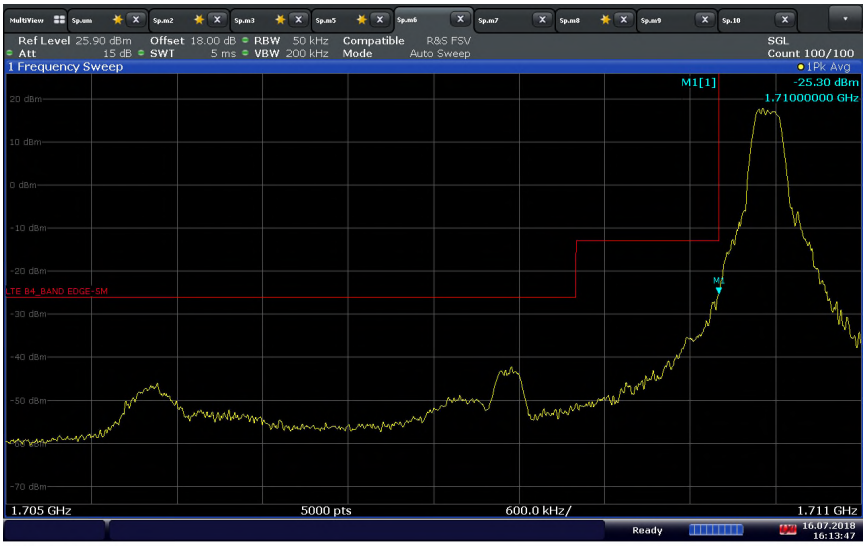
LTE Band 4 (5 MHz BW)/QPSK/High Channel 1752.5 MHz/Full RB Band Edge @1755 MHz



16:16:59 16.07.2018

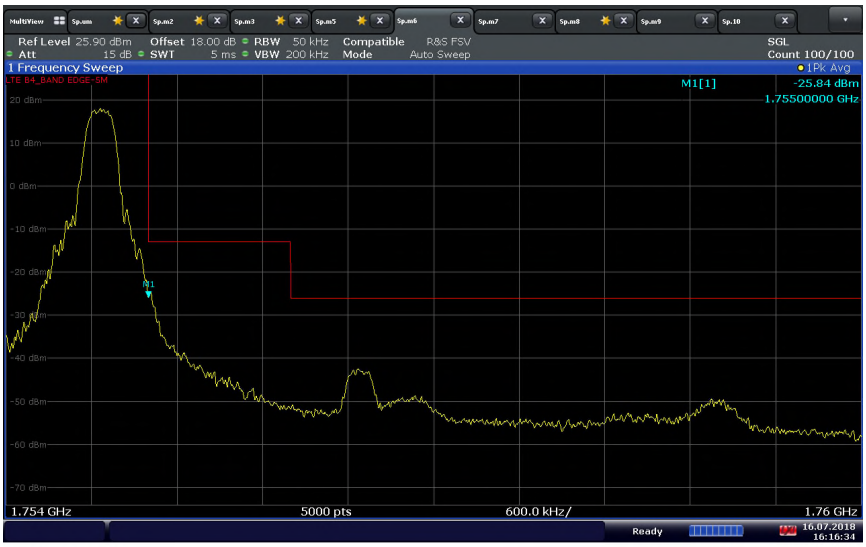
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (5 MHz BW)/QPSK/Low Channel 1712.5 MHz/1 RB 0 offset Band Edge @1710 MHz



16:13:47 16.07.2018

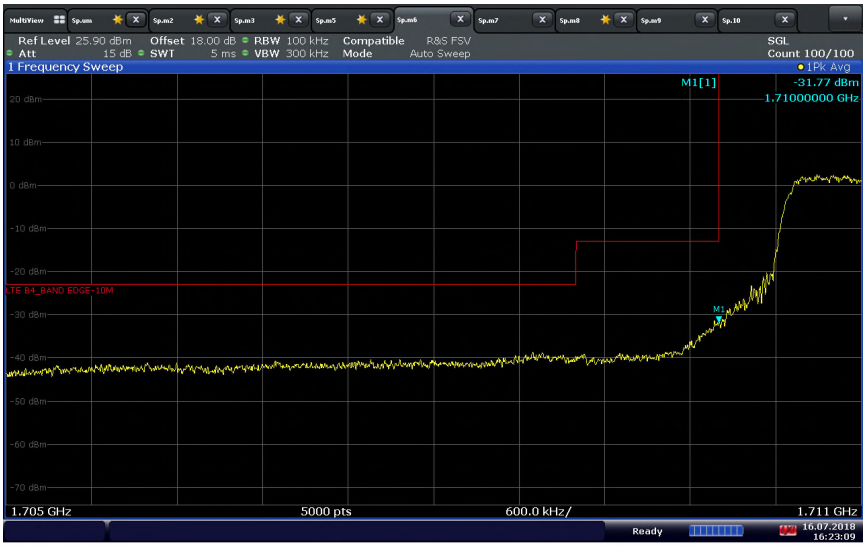
LTE Band 4 (5 MHz BW)/QPSK/High Channel 1752.5 MHz/1 RB 24 offset Band Edge @1755 MHz



16:16:35 16.07.2018

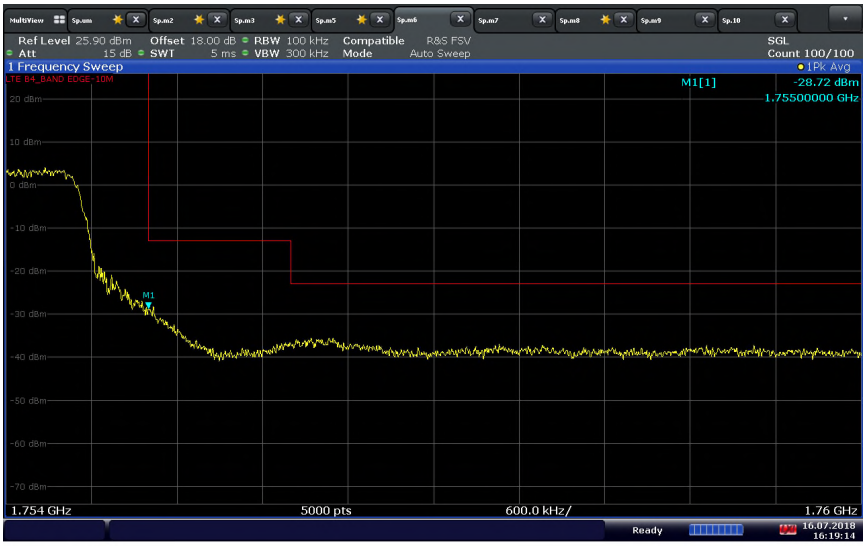
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (10 MHz BW)/QPSK/Low Channel 1715 MHz/Full RB Band Edge @1710 MHz



16:23:09 16.07.2018

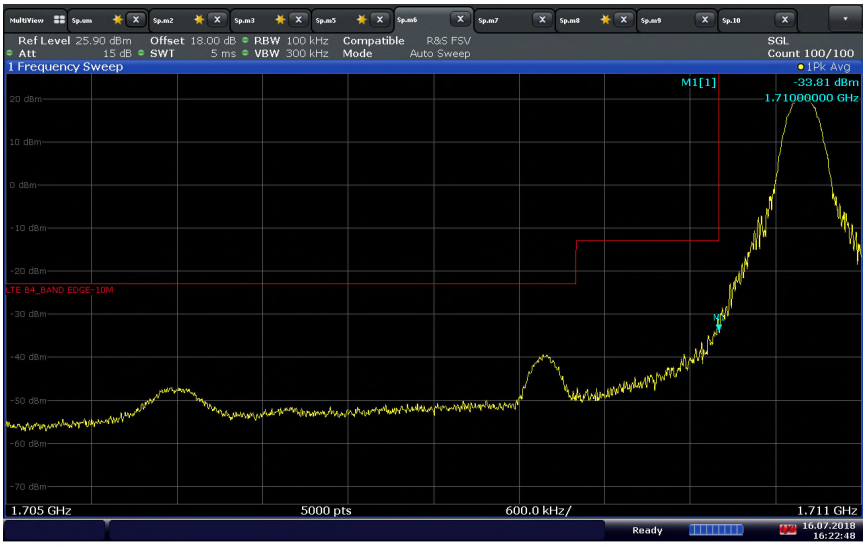
LTE Band 4 (10 MHz BW)/QPSK/High Channel 1750 MHz/Full RB Band Edge @1755 MHz



16:19:15 16.07.2018

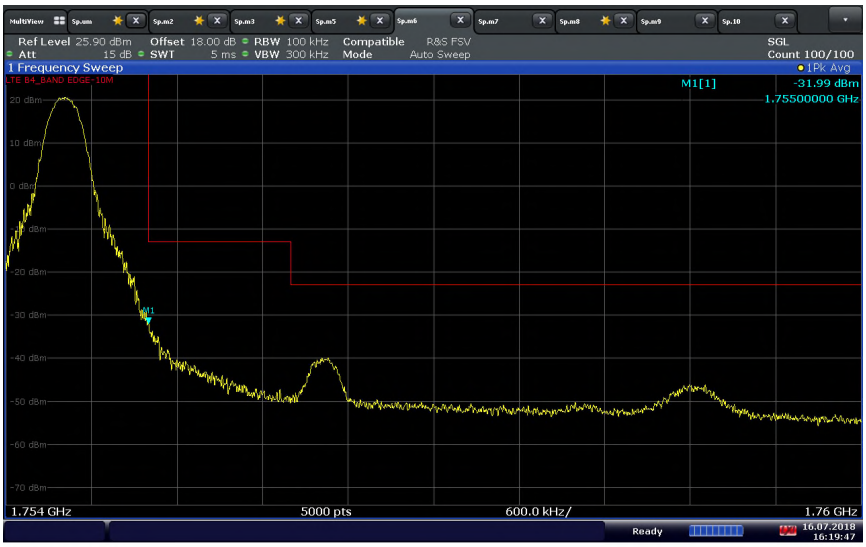
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (10 MHz BW)/QPSK/Low Channel 1715 MHz/1 RB 0 offset Band Edge @1710 MHz



16:22:49 16.07.2018

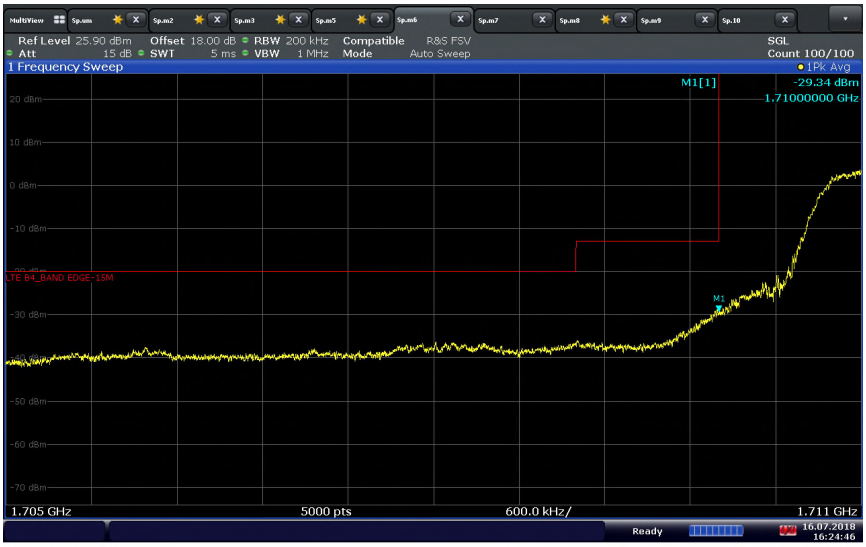
LTE Band 4 (10 MHz BW)/QPSK/High Channel 1750 MHz/1 RB 49 offset Band Edge @1755 MHz



16:19:47 16.07.2018

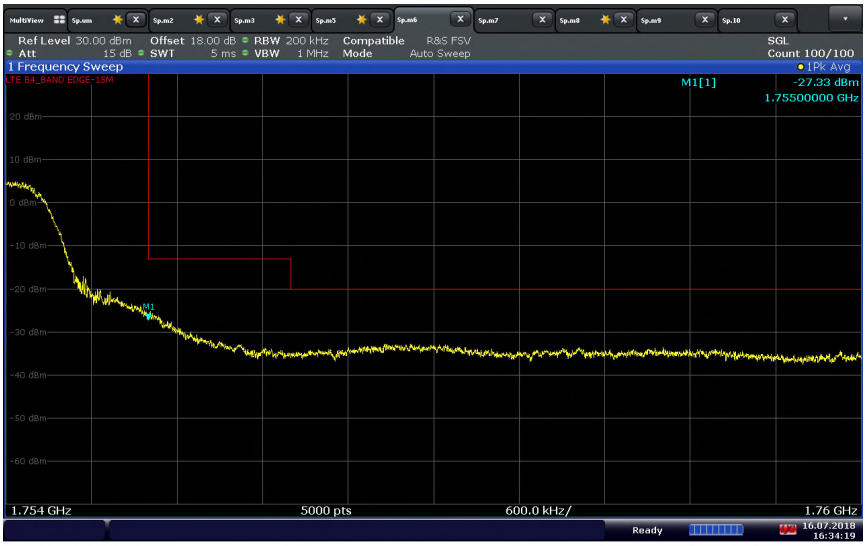
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (15 MHz BW)/QPSK/Low Channel 1717.5 MHz/Full RB Band Edge @1710 MHz



16:24:47 16.07.2018

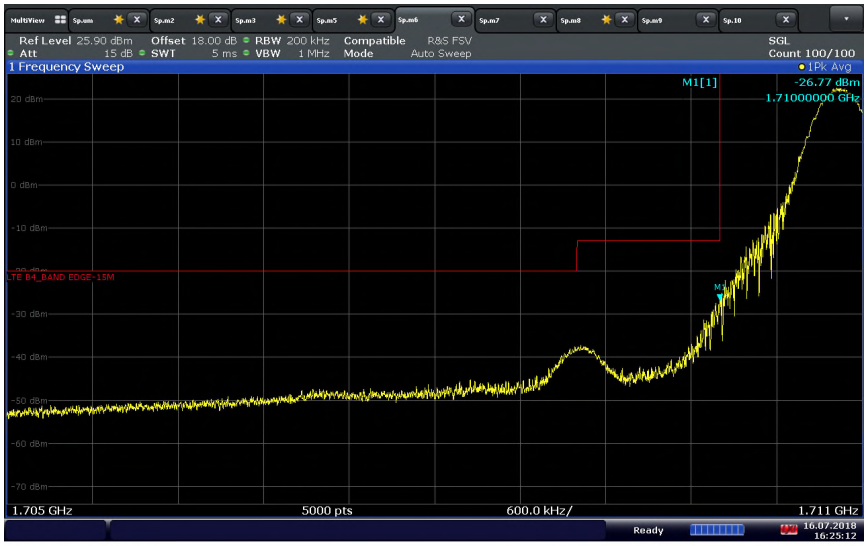
LTE Band 4 (15 MHz BW)/QPSK/High Channel 1747.5 MHz/Full RB Band Edge @1755 MHz



16:34:19 16.07.2018

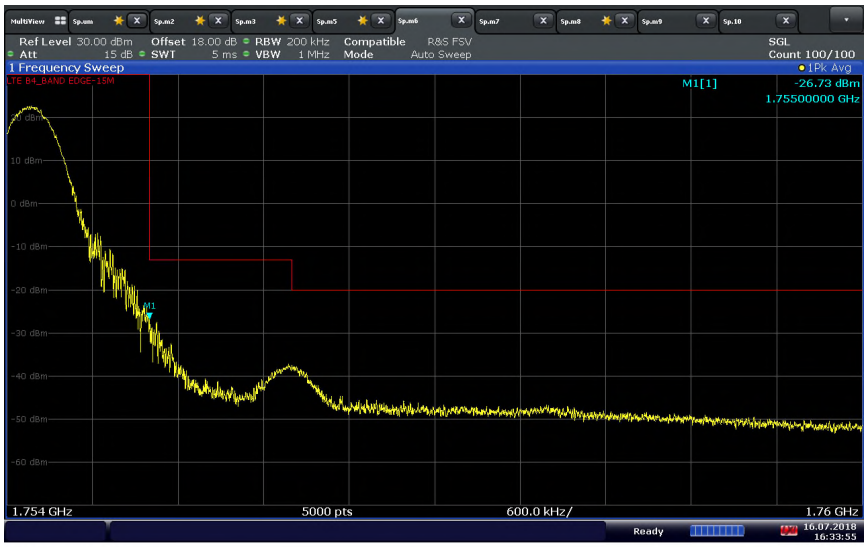
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (15 MHz BW)/QPSK/Low Channel 1717.5 MHz/1 RB 0 offset Band Edge @1710 MHz



16:25:13 16.07.2018

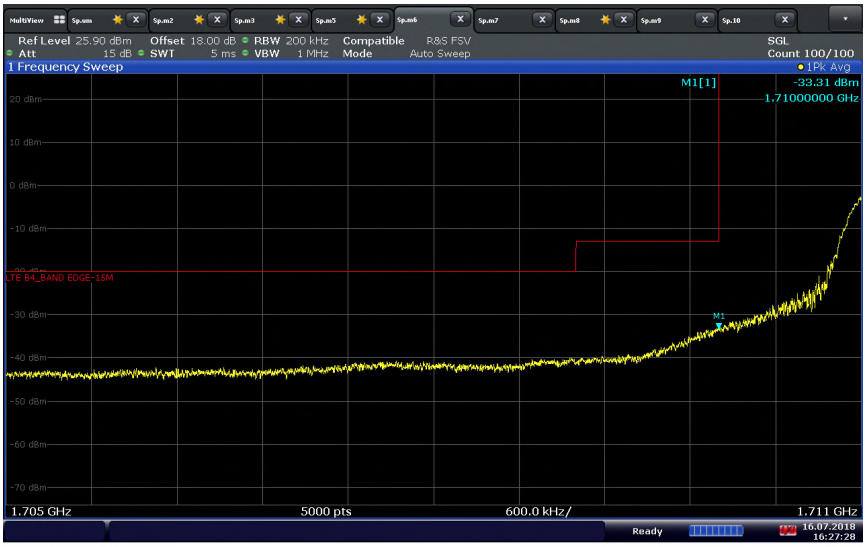
LTE Band 4 (15 MHz BW)/QPSK/High Channel 1747.5 MHz/1 RB 74 offset Band Edge @1755 MHz



16:33:55 16.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (20 MHz BW)/QPSK/Low Channel 1720 MHz/Full RB Band Edge @1710 MHz



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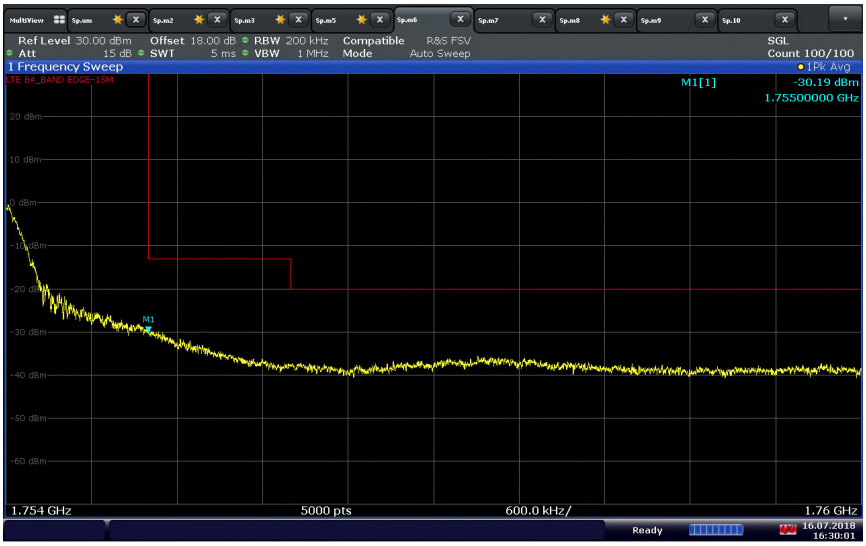
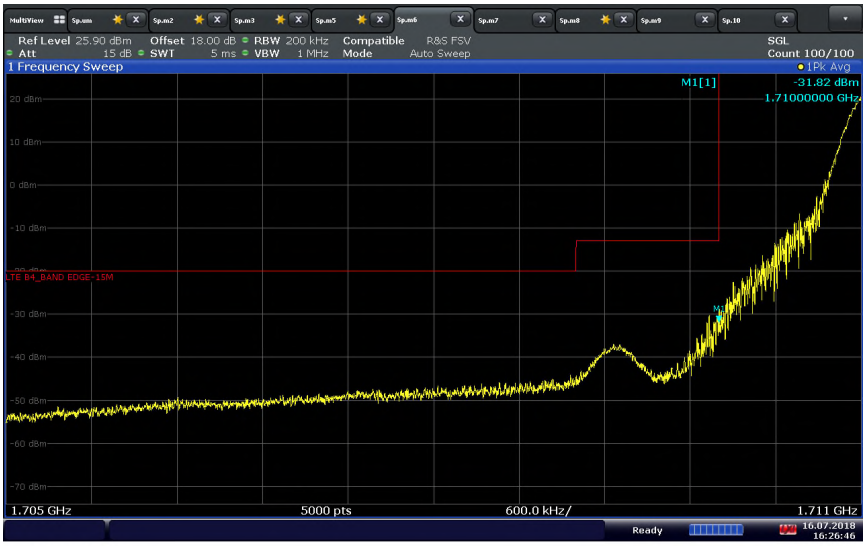
LTE Band 4 (20 MHz BW)/QPSK/High Channel 1745 MHz/Full RB Band Edge @1755 MHz



16:30:02 16.07.2018

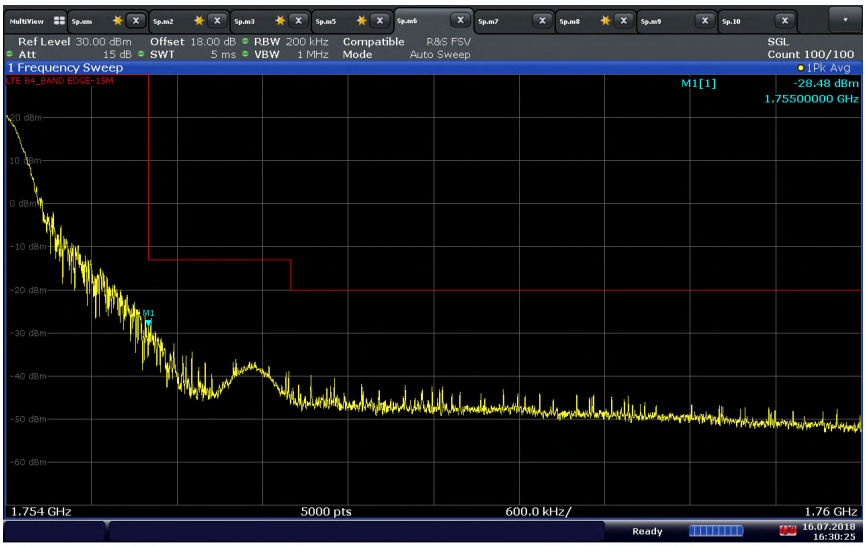
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 4 (20 MHz BW)/QPSK/Low Channel 1720 MHz/1 RB 0 offset Band Edge @1710 MHz



16:26:46 16.07.2018

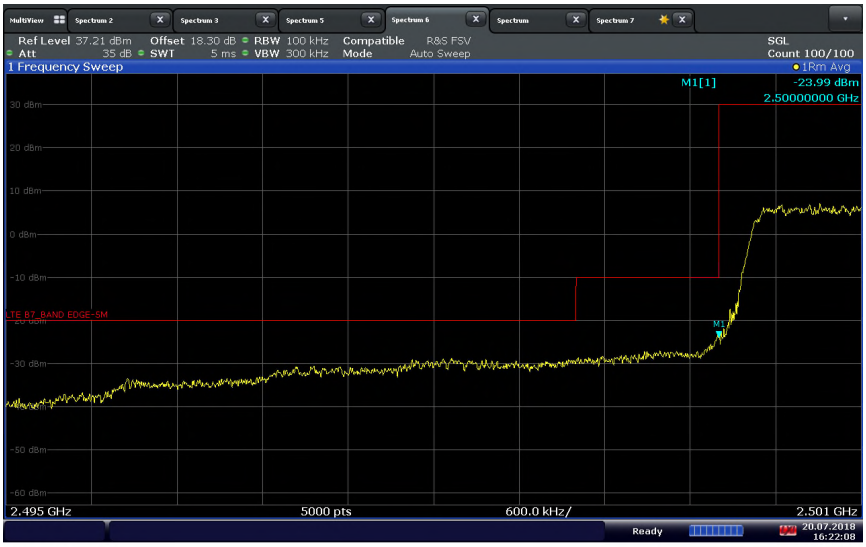
LTE Band 4 (20 MHz BW)/QPSK/High Channel 1745 MHz/1 RB 99 offset Band Edge @1755 MHz



16:30:25 16.07.2018

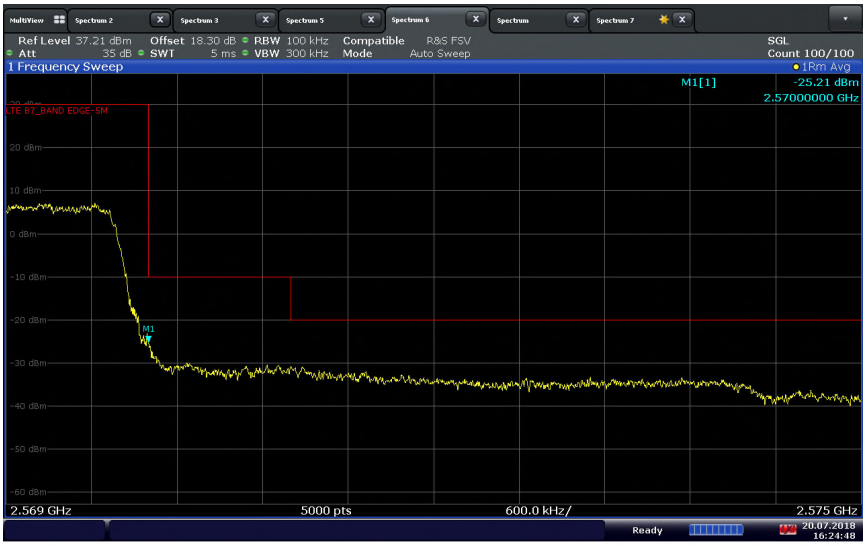
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (5 MHz BW)/QPSK/Low Channel 2502.5 MHz/Full RB Band Edge @2500 MHz



16:22:09 20.07.2018

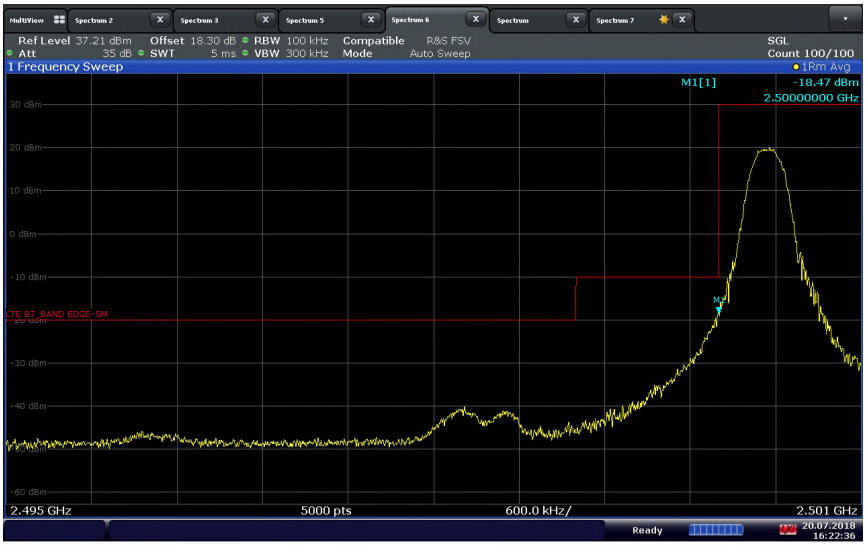
LTE Band 7 (5 MHz BW)/QPSK/High Channel 2567.5 MHz/Full RB Band Edge @2570 MHz



16:24:50 20.07.2018

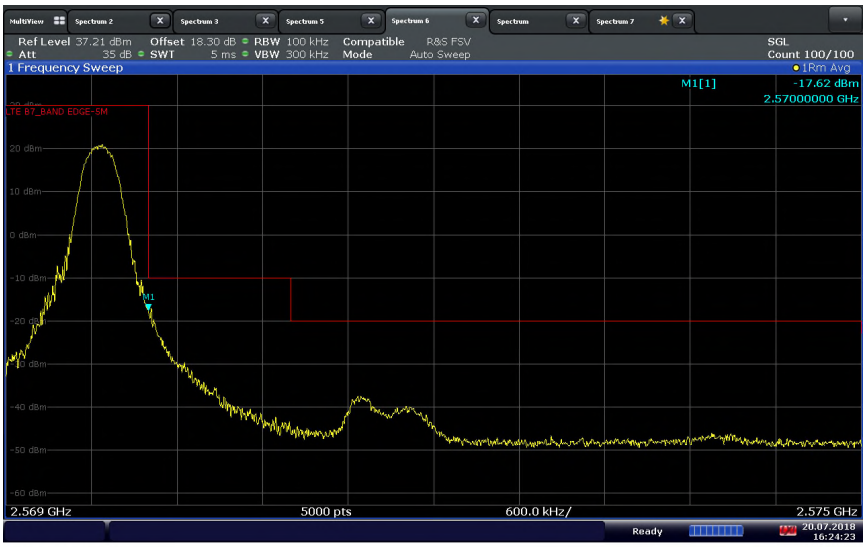
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (5 MHz BW)/QPSK/Low Channel 2502.5 MHz/1 RB 0 offset Band Edge @2500 MHz



16:22:36 20.07.2018

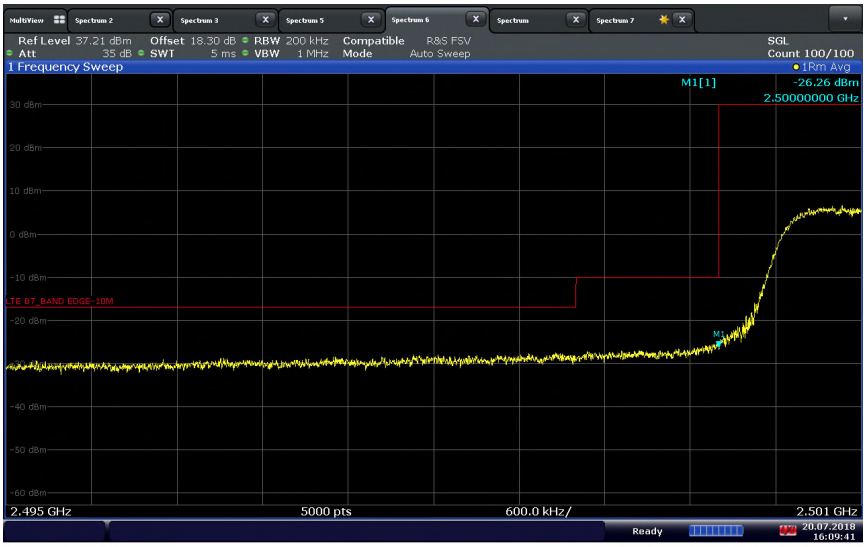
LTE Band 7 (5 MHz BW)/QPSK/High Channel 2567.5 MHz/1 RB 24 offset Band Edge @2570 MHz



16:24:24 20.07.2018

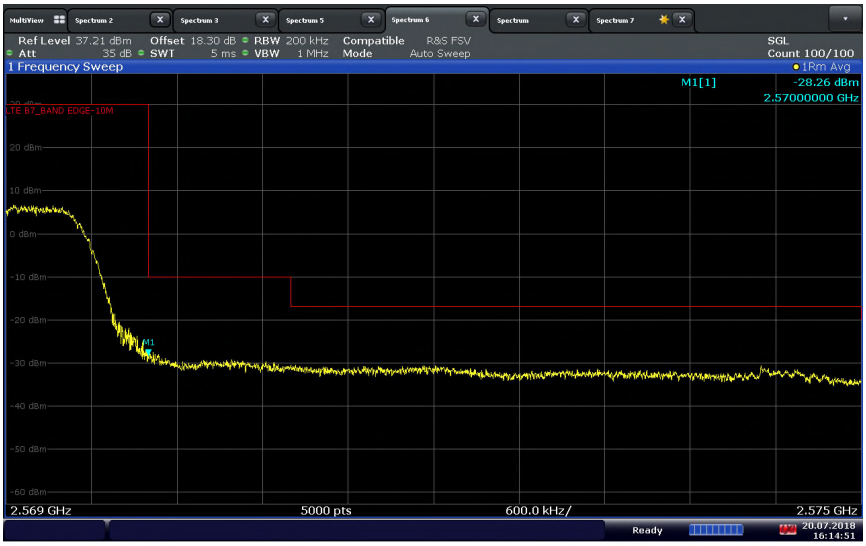
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (10 MHz BW)/QPSK/Low Channel 2505 MHz/Full RB Band Edge @2500 MHz



16:09:41 20.07.2018

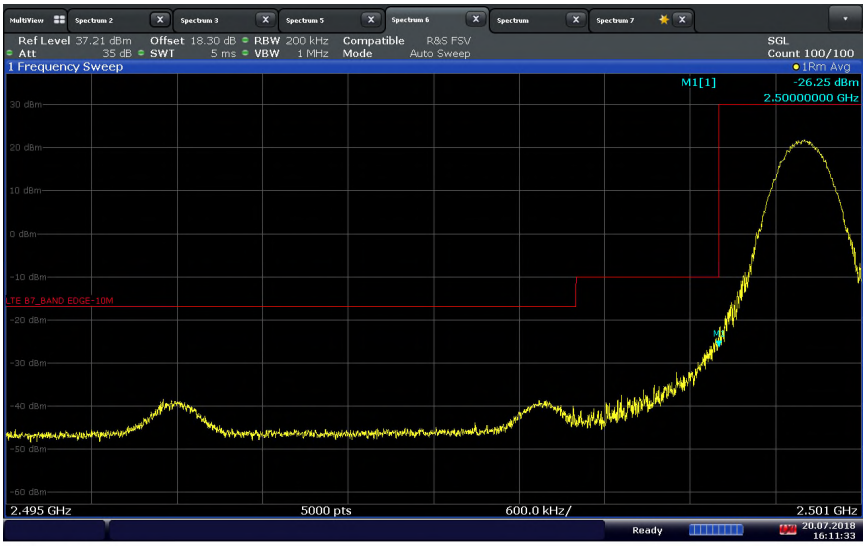
LTE Band 7 (10 MHz BW)/QPSK/High Channel 2565 MHz/Full RB Band Edge @2570 MHz



16:14:52 20.07.2018

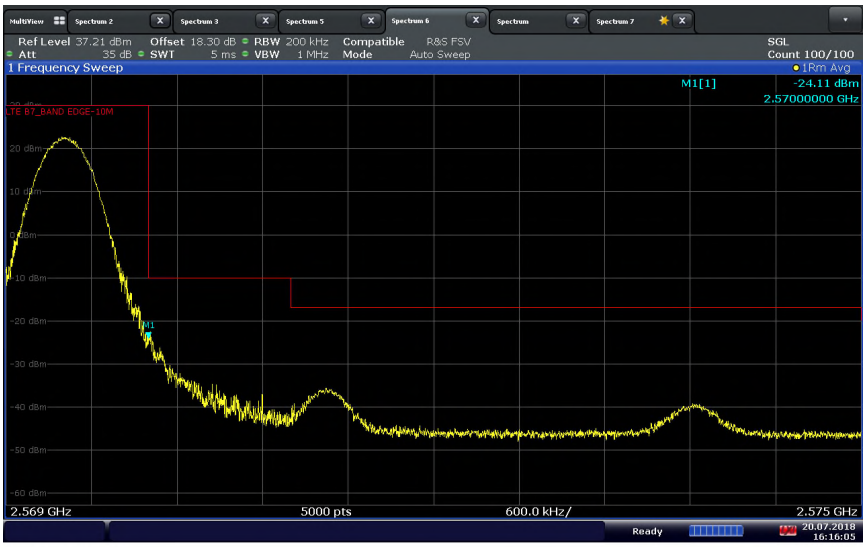
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (10 MHz BW)/QPSK/Low Channel 2505 MHz/1 RB 0 offset Band Edge @2500 MHz



16:11:34 20.07.2018

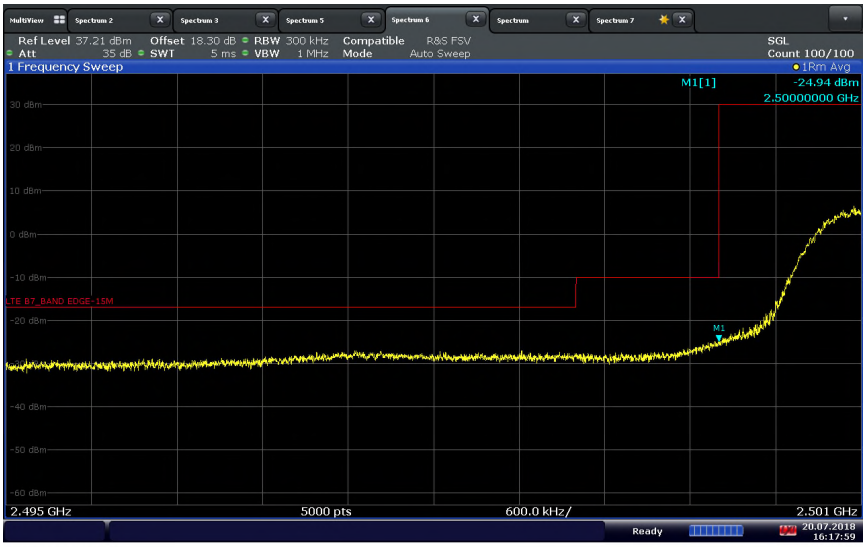
LTE Band 7 (10 MHz BW)/QPSK/High Channel 2565 MHz/1 RB 49 offset Band Edge @2570 MHz



16:16:06 20.07.2018

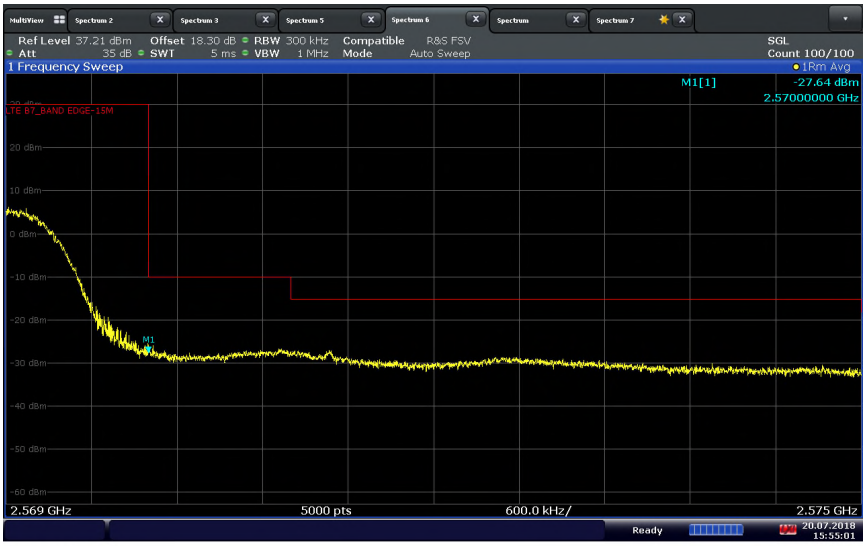
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (15 MHz BW)/QPSK/Low Channel 2507.5 MHz/Full RB Band Edge @2500 MHz



16:17:59 20.07.2018

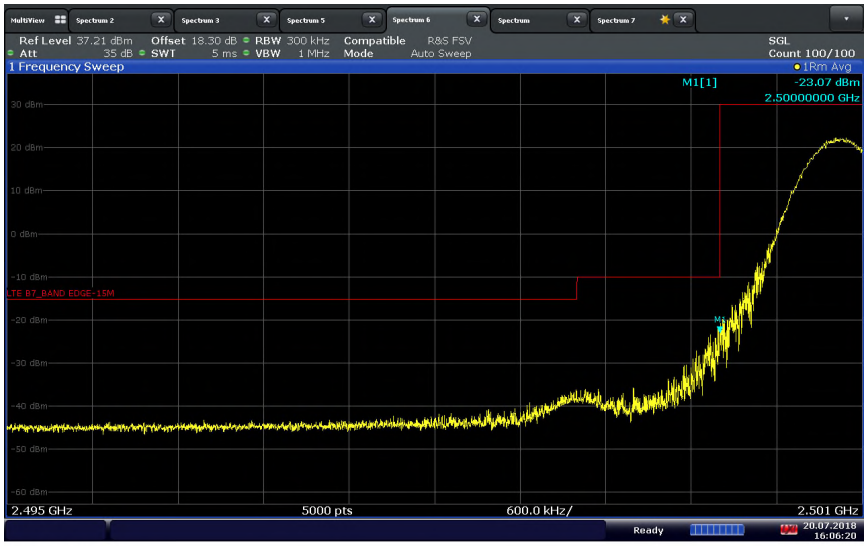
LTE Band 7 (15 MHz BW)/QPSK/High Channel 2562.5 MHz/Full RB Band Edge @2570 MHz



15:55:01 20.07.2018

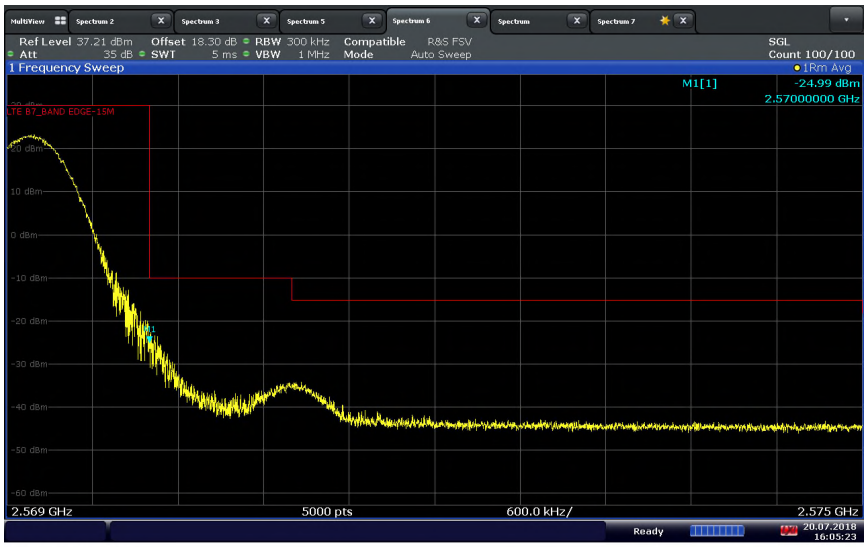
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (15 MHz BW)/QPSK/Low Channel 2507.5 MHz/1 RB 0 offset Band Edge @2500 MHz



16:06:21 20.07.2018

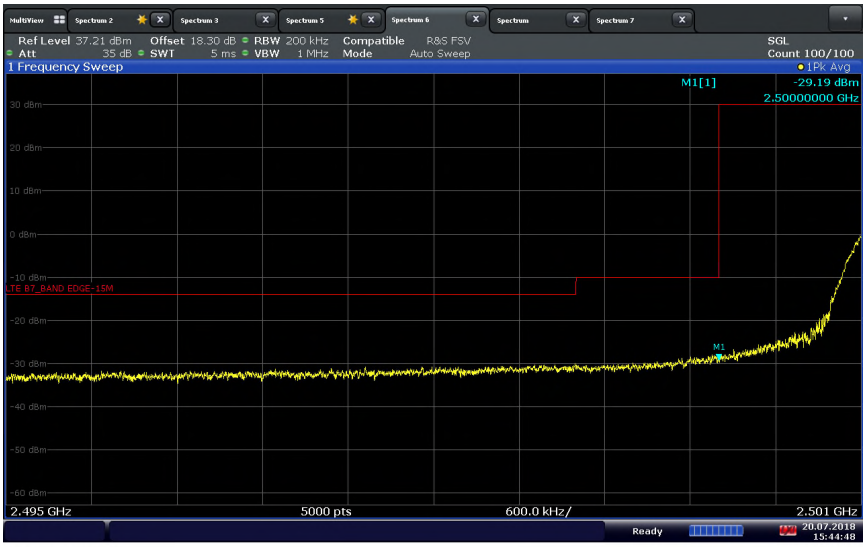
LTE Band 7 (15 MHz BW)/QPSK/High Channel 2562.5 MHz/1 RB 74 offset Band Edge @2570 MHz



16:05:23 20.07.2018

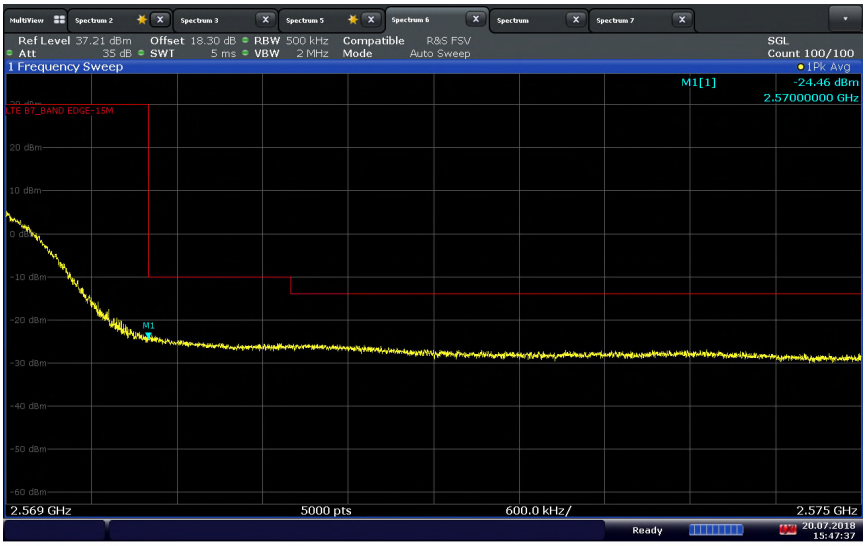
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (20 MHz BW)/QPSK/Low Channel 2510 MHz/Full RB Band Edge @2500 MHz



15:44:48 20.07.2018

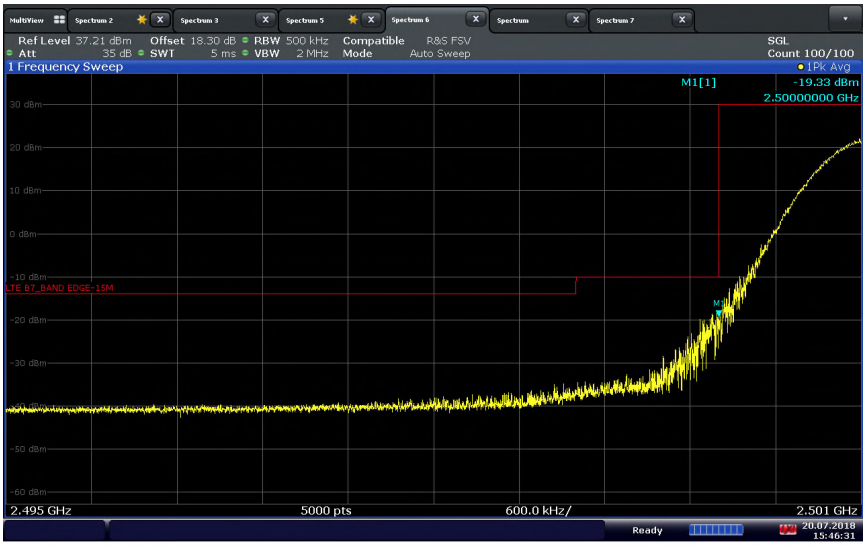
LTE Band 7 (20 MHz BW)/QPSK/High Channel 2560 MHz/Full RB Band Edge @2570 MHz



15:47:38 20.07.2018

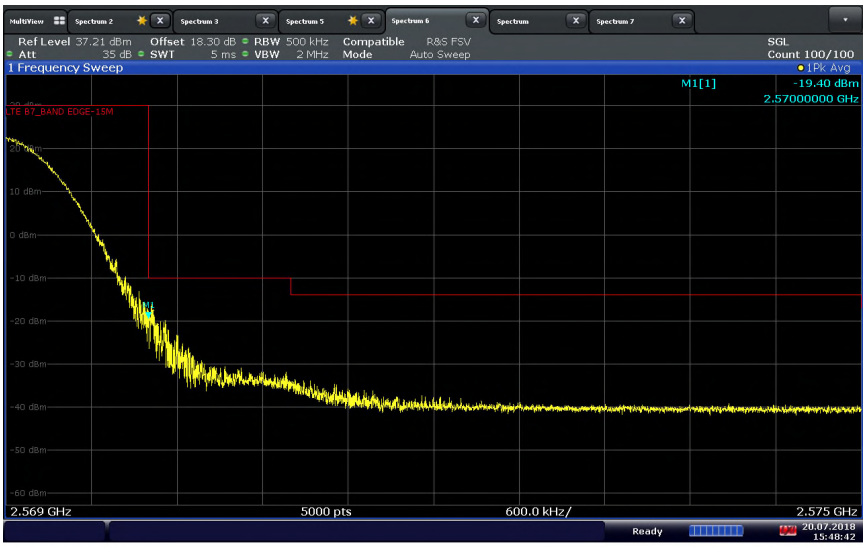
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 7 (20 MHz BW)/QPSK/Low Channel 2510 MHz/1 RB 0 offset Band Edge @2500 MHz



15:46:32 20.07.2018

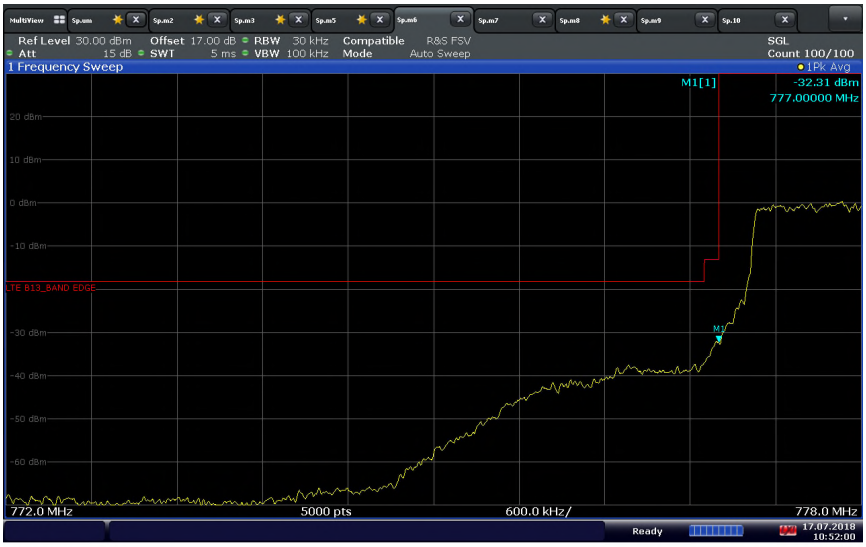
LTE Band 7 (20 MHz BW)/QPSK/High Channel 2560 MHz/1 RB 99 offset Band Edge @2570 MHz



15:48:42 20.07.2018

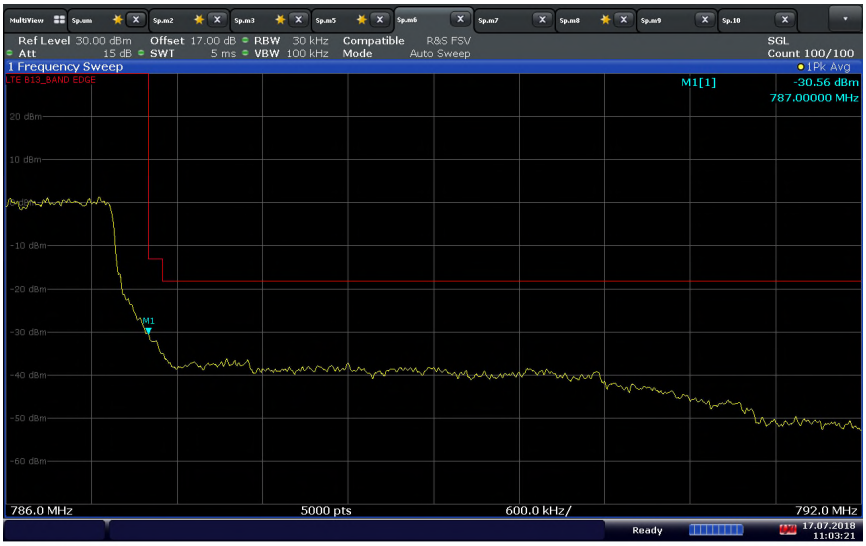
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 13 (5 MHz BW)/QPSK/Low Channel 779.5 MHz/Full RB Band Edge @777 MHz



10:52:01 17.07.2018

LTE Band 13 (5 MHz BW)/QPSK/High Channel 784.5 MHz/Full RB Band Edge @787 MHz



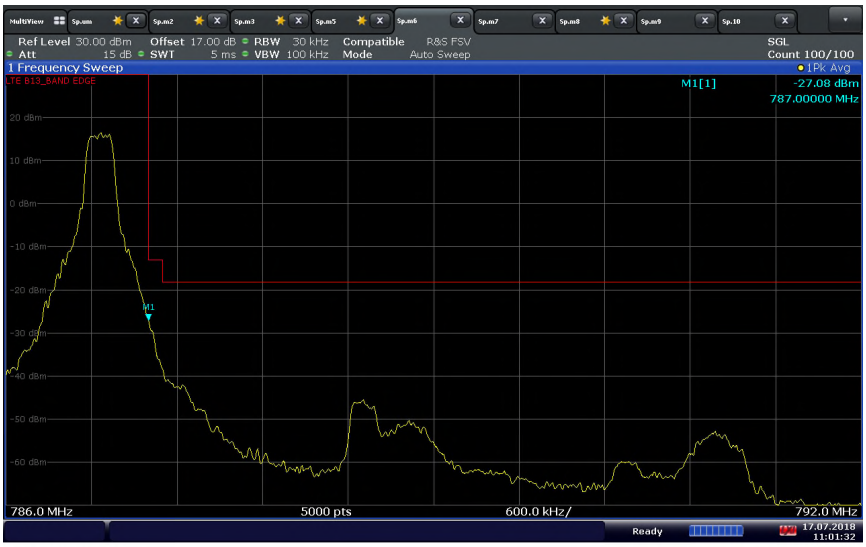
11:03:22 17.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 13 (5 MHz BW)/QPSK/Low Channel 779.5 MHz/1 RB 0 offset Band Edge @777 MHz

10:53:09 17.07.2018

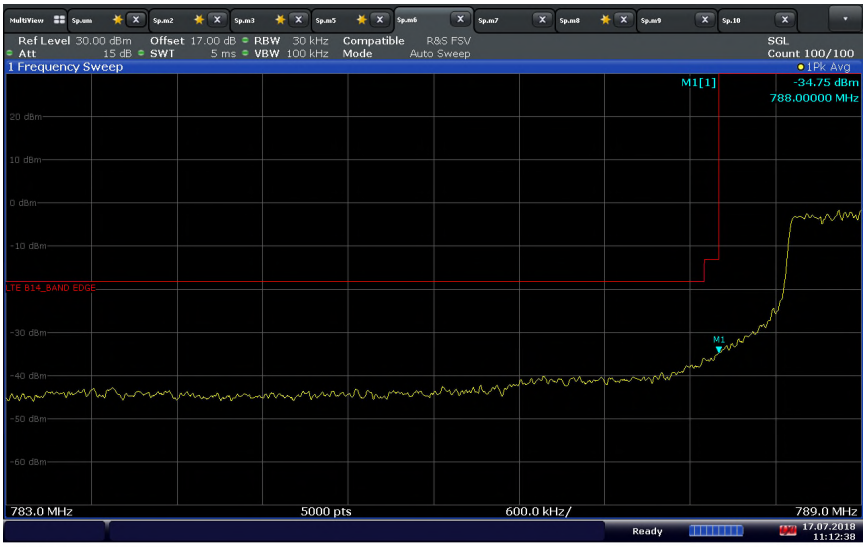
LTE Band 13 (5 MHz BW)/QPSK/High Channel 784.5 MHz/1 RB 24 offset Band Edge @787 MHz



11:01:33 17.07.2018

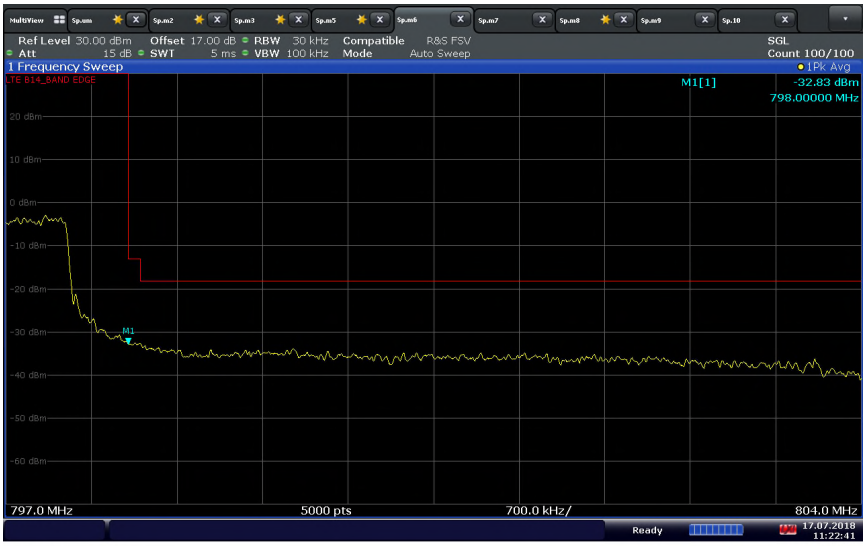
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 13 (10 MHz BW)/QPSK/Middle Channel 782 MHz/Full RB Low Band Edge @777 MHz



11:12:38 17.07.2018

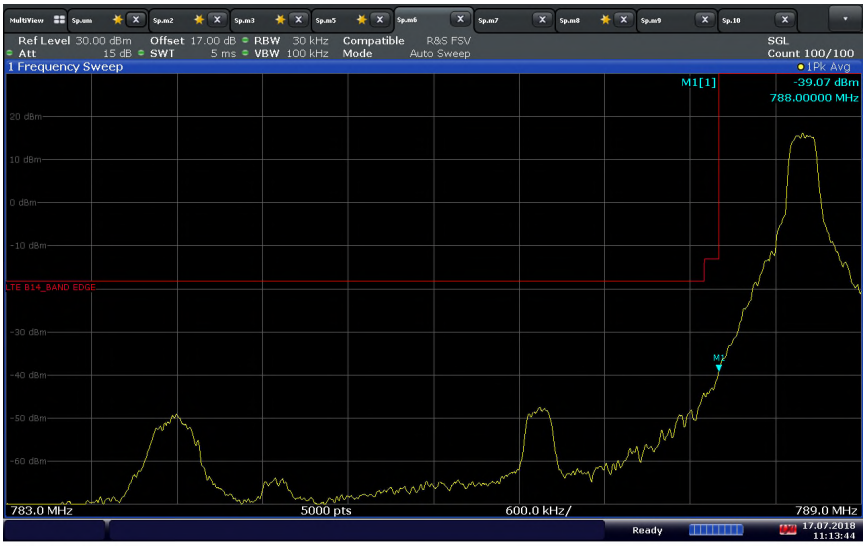
LTE Band 13 (10 MHz BW)/QPSK/Middle Channel 782 MHz/Full RB High Band Edge @787 MHz



11:22:42 17.07.2018

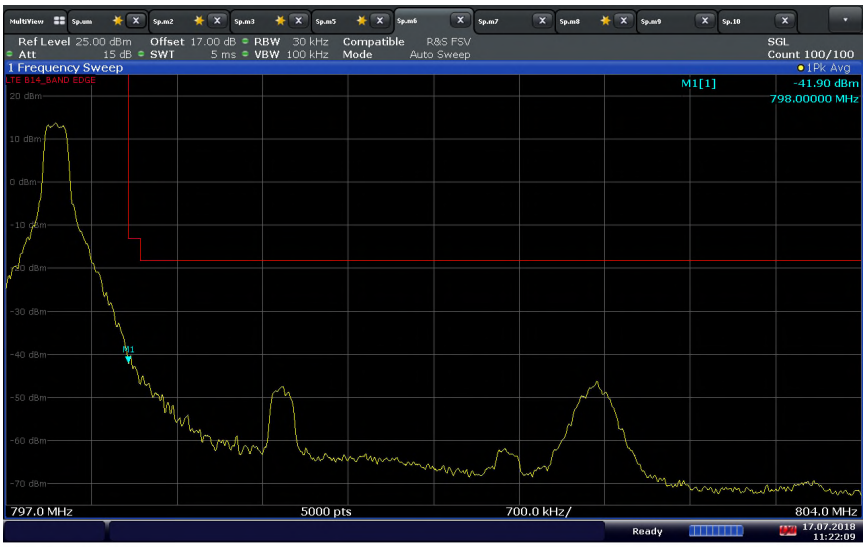
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 13 (10 MHz BW)/QPSK/Middle Channel 782 MHz/1 RB 0 offset Low Band Edge @777 MHz



11:13:44 17.07.2018

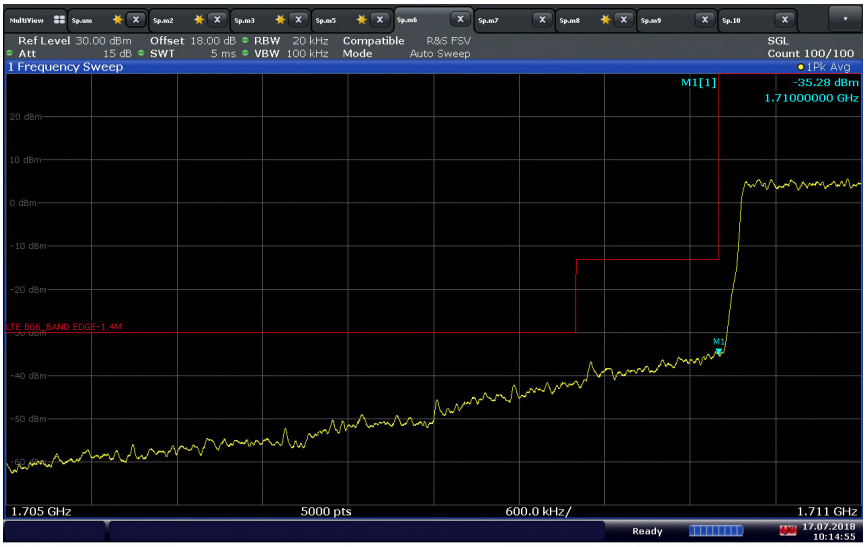
LTE Band 13 (10 MHz BW)/QPSK/Middle Channel 782 MHz/1 RB 49 offset Low Band Edge @787 MHz



11:22:10 17.07.2018

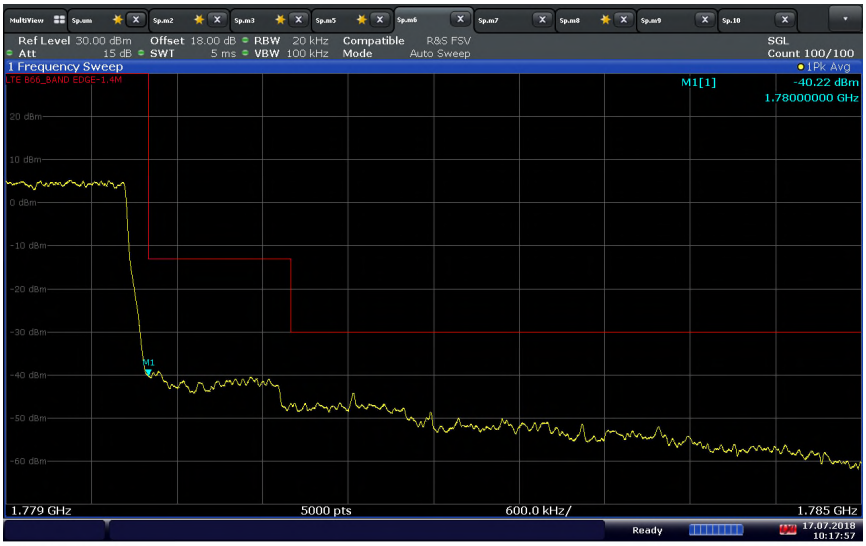
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (1.4 MHz BW)/QPSK/Low Channel 1710.7 MHz/Full RB Band Edge @1710 MHz



10:14:56 17.07.2018

LTE Band 66 (1.4 MHz BW)/QPSK/High Channel 1779.3 MHz/Full RB Band Edge @1780 MHz



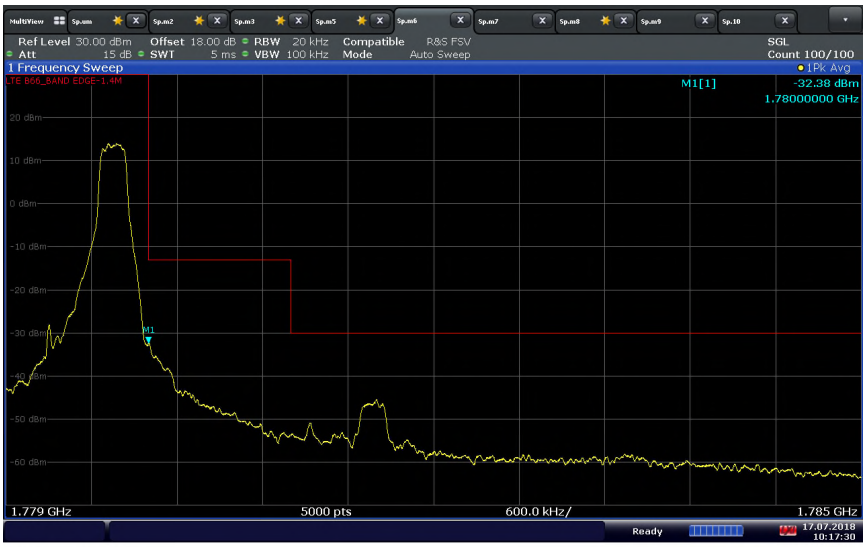
10:17:58 17.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (1.4 MHz BW)/QPSK/Low Channel 1710.7 MHz/1 RB 0 offset Band Edge @1710 MHz

10:14:31 17.07.2018

LTE Band 66 (1.4 MHz BW)/QPSK/High Channel 1779.3 MHz/1 RB 5 offset Band Edge @1780 MHz



10:17:31 17.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (3 MHz BW)/QPSK/Low Channel 1711.5 MHz/Full RB Band Edge @1710 MHz

10:12:12 17.07.2018

LTE Band 66 (3 MHz BW)/QPSK/High Channel 1778.5 MHz /Full RB Band Edge @1780 MHz

10:09:05 17.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (3 MHz BW)/QPSK/Low Channel 1711.5 MHz/1 RB 0 offset Band Edge @1710 MHz

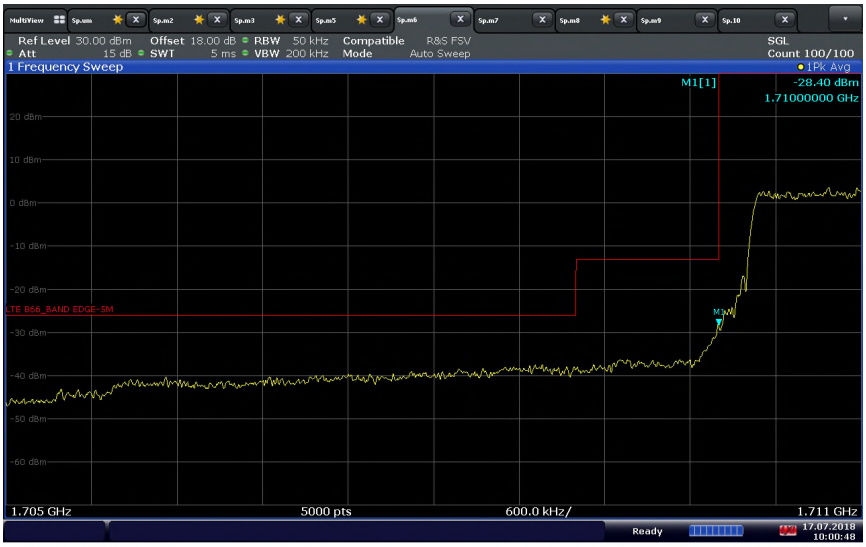
10:12:36 17.07.2018

LTE Band 66 (3 MHz BW)/QPSK/High Channel 1778.5 MHz/1 RB 14 offset Band Edge @1780 MHz

10:08:24 17.07.2018

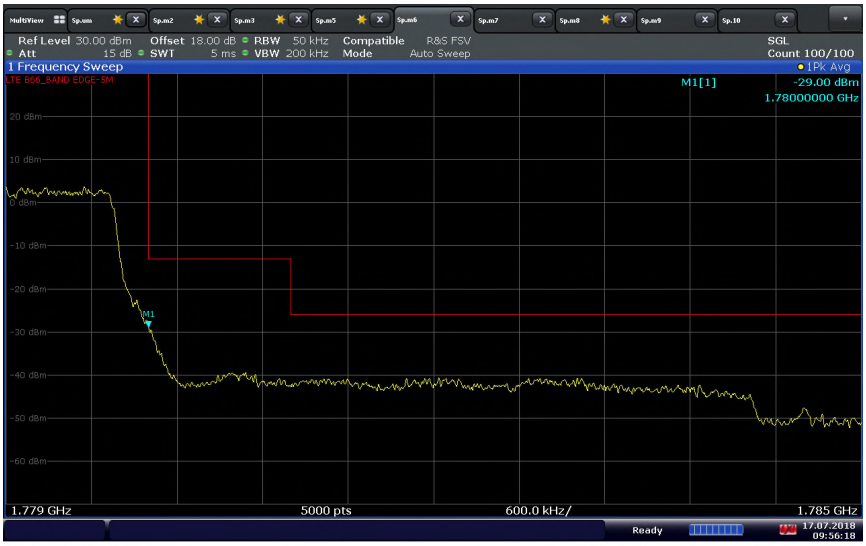
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (5 MHz BW)/QPSK/Low Channel 1712.5 MHz/Full RB Band Edge @1710 MHz



10:00:49 17.07.2018

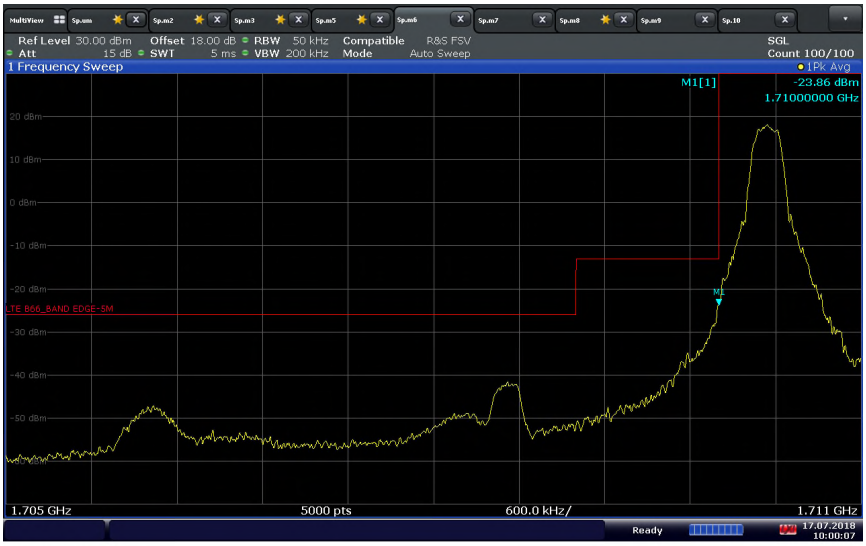
LTE Band 66 (5 MHz BW)/QPSK/High Channel 1777.5 MHz/Full RB Band Edge @1780 MHz



09:56:18 17.07.2018

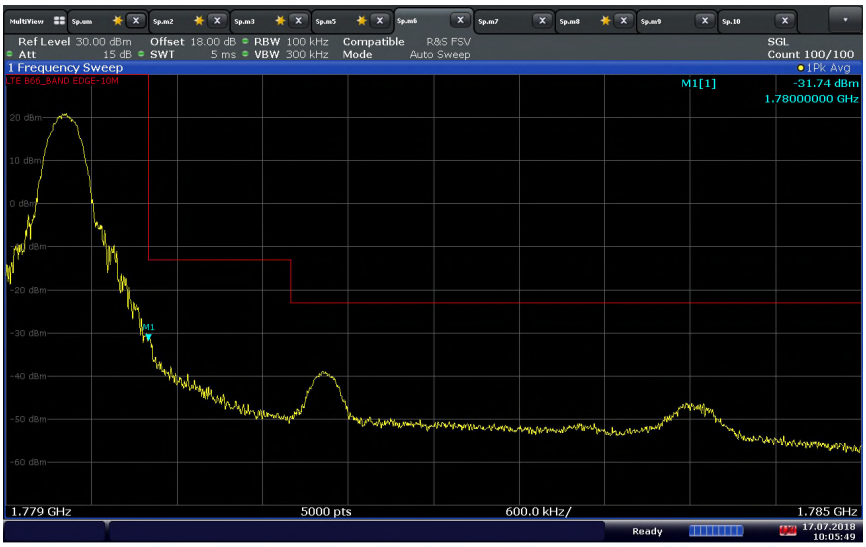
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (5 MHz BW)/QPSK/Low Channel 1712.5 MHz/1 RB 0 offset Band Edge @1710 MHz



10:00:07 17.07.2018

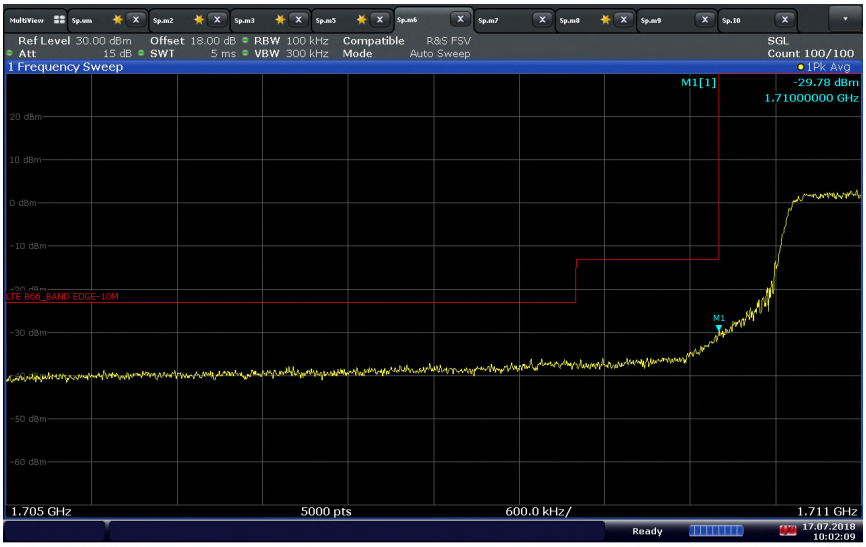
LTE Band 66 (5 MHz BW)/QPSK/High Channel 1777.5 MHz/1 RB 24 offset Band Edge @1780 MHz



10:05:50 17.07.2018

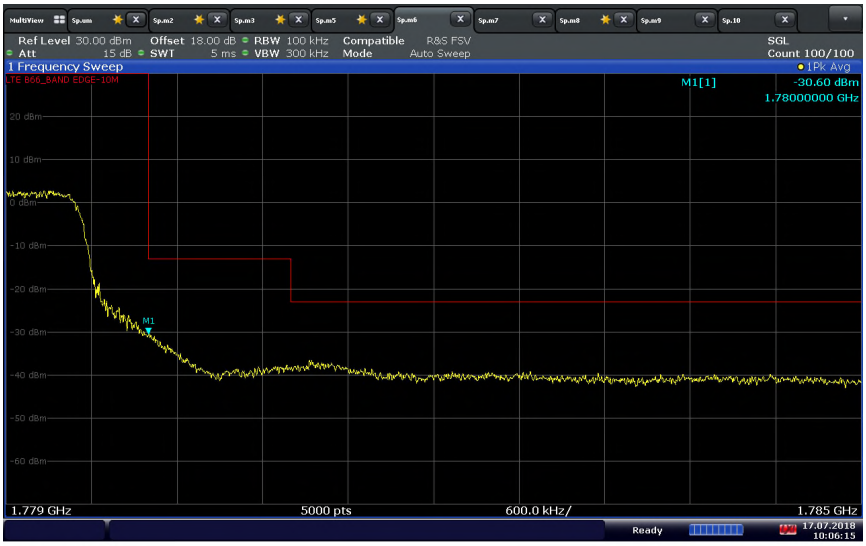
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (10 MHz BW)/QPSK/Low Channel 1715 MHz/Full RB Band Edge @1710 MHz



10:02:10 17.07.2018

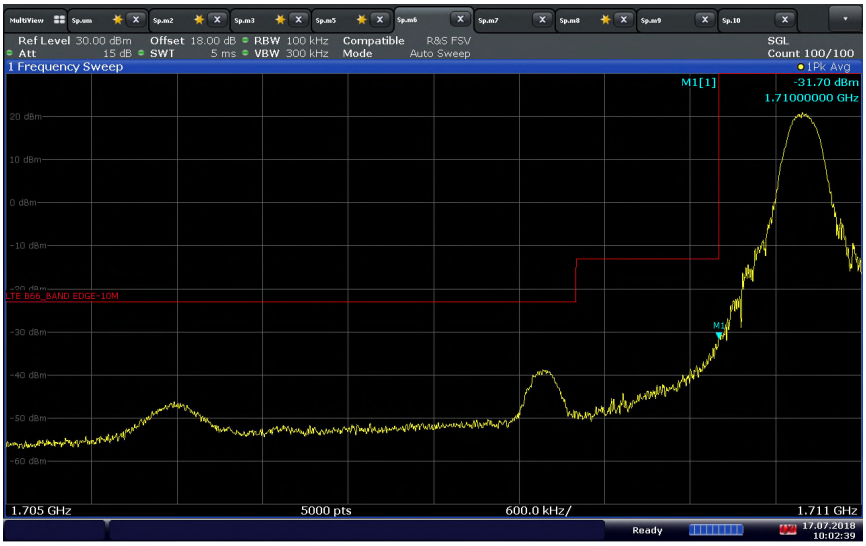
LTE Band 66 (10 MHz BW)/QPSK/High Channel 1775 MHz/Full RB Band Edge @1780 MHz



10:06:15 17.07.2018

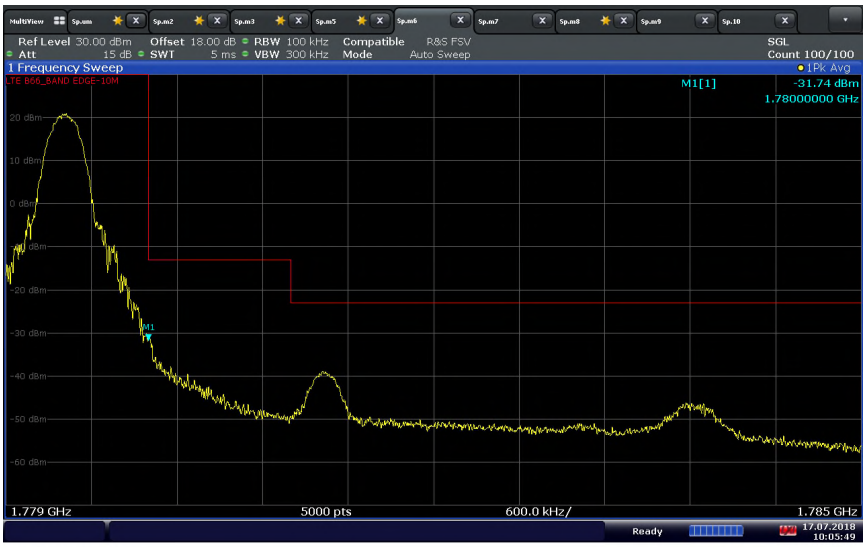
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (10 MHz BW)/QPSK/Low Channel 1715 MHz/1 RB 0 offset Band Edge @1710 MHz



10:02:40 17.07.2018

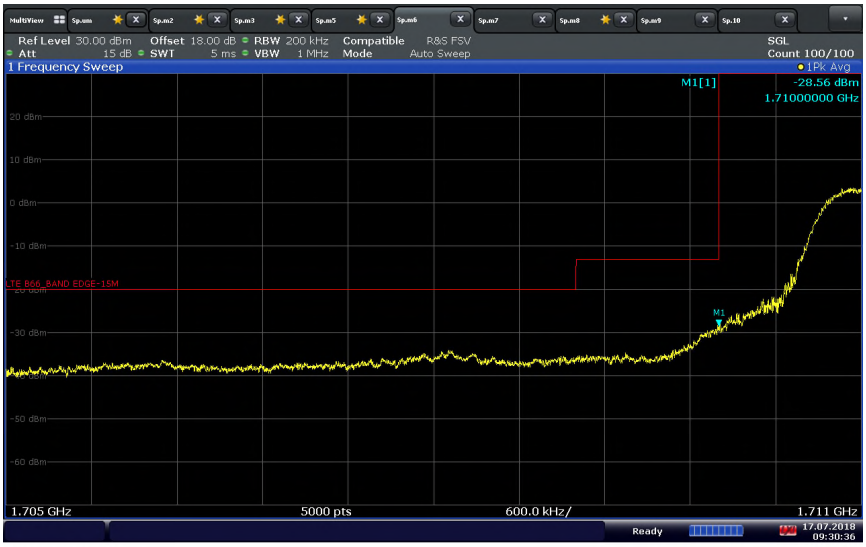
LTE Band 66 (10 MHz BW)/QPSK/High Channel 1775 MHz/1 RB 49 offset Band Edge @1780 MHz



10:05:50 17.07.2018

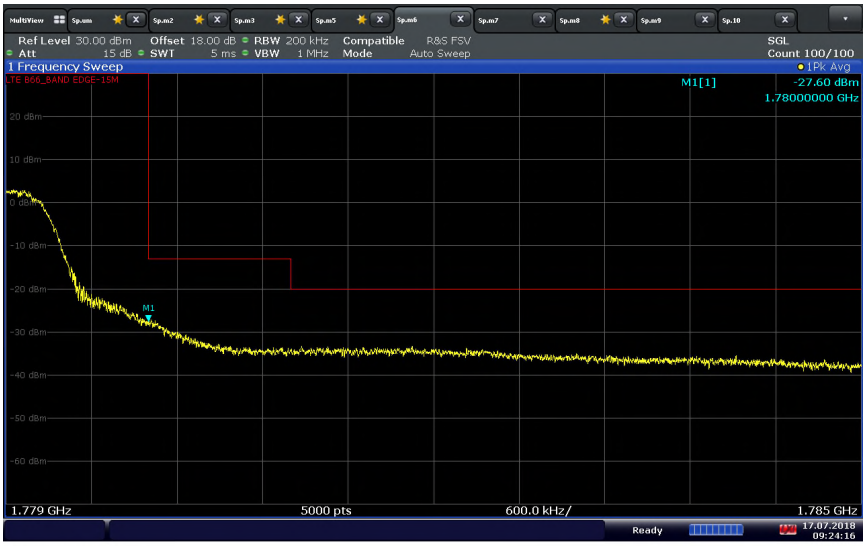
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (15 MHz BW)/QPSK/Low Channel 1717.5 MHz/Full RB Band Edge @1710 MHz



09:30:37 17.07.2018

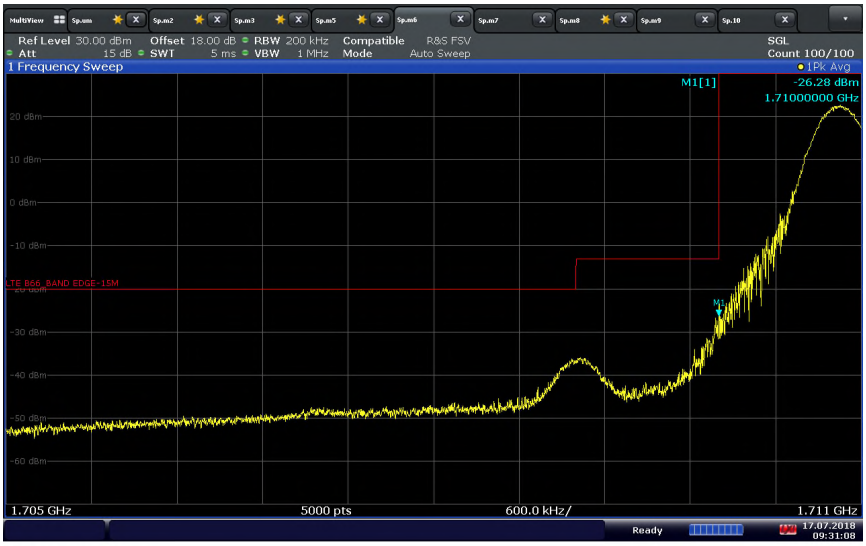
LTE Band 66 (15 MHz BW)/QPSK/High Channel 1772.5 MHz/Full RB Band Edge @1780 MHz



09:24:17 17.07.2018

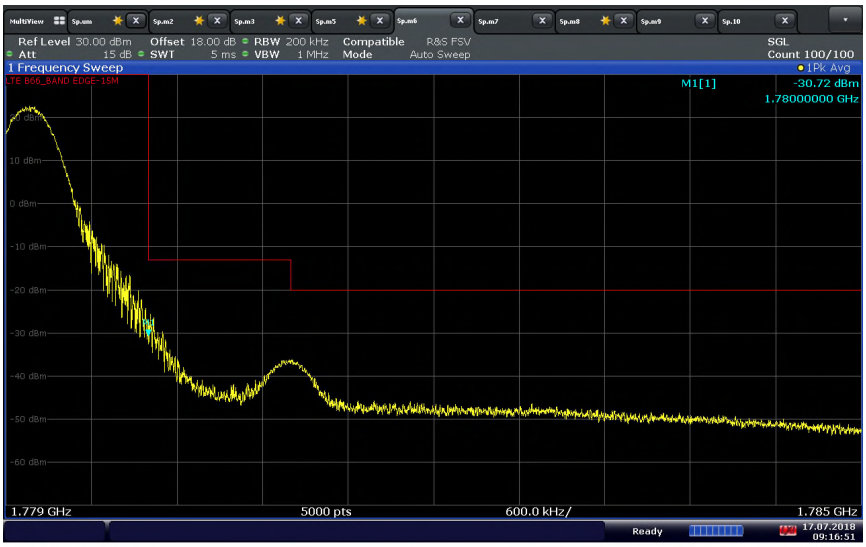
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (15 MHz BW)/QPSK/Low Channel 1717.5 MHz/1 RB 0 offset Band Edge @1710 MHz



09:31:08 17.07.2018

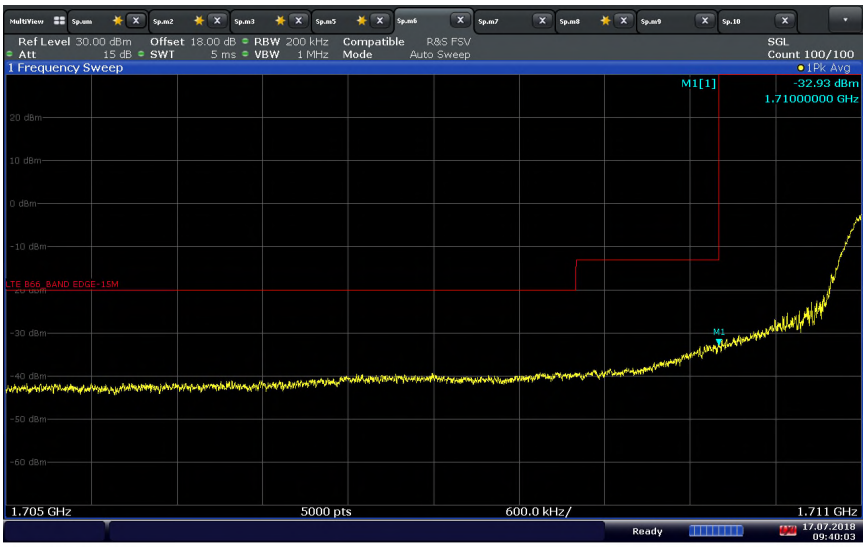
LTE Band 66 (15 MHz BW)/QPSK/High Channel 1772.5 MHz/1 RB 74 offset Band Edge @1780 MHz



09:16:52 17.07.2018

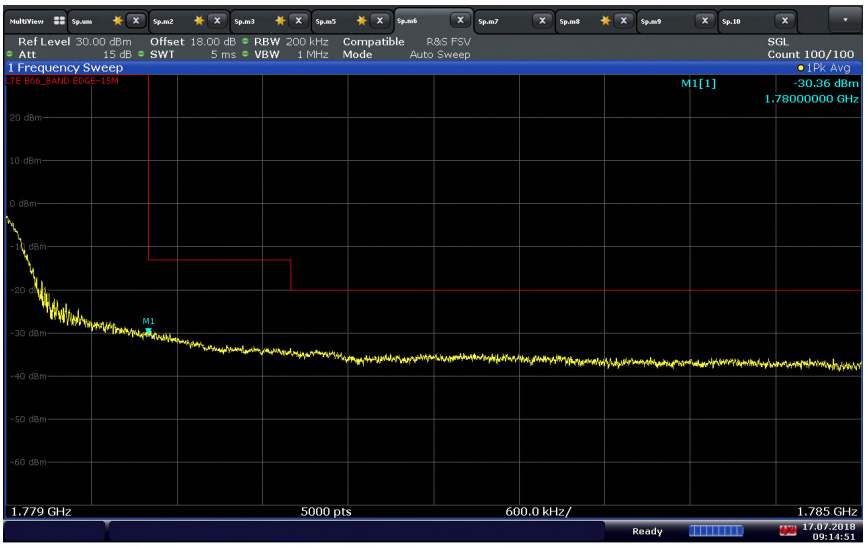
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (20 MHz BW)/QPSK/Low Channel 1720 MHz/Full RB Band Edge @1710 MHz



09:40:03 17.07.2018

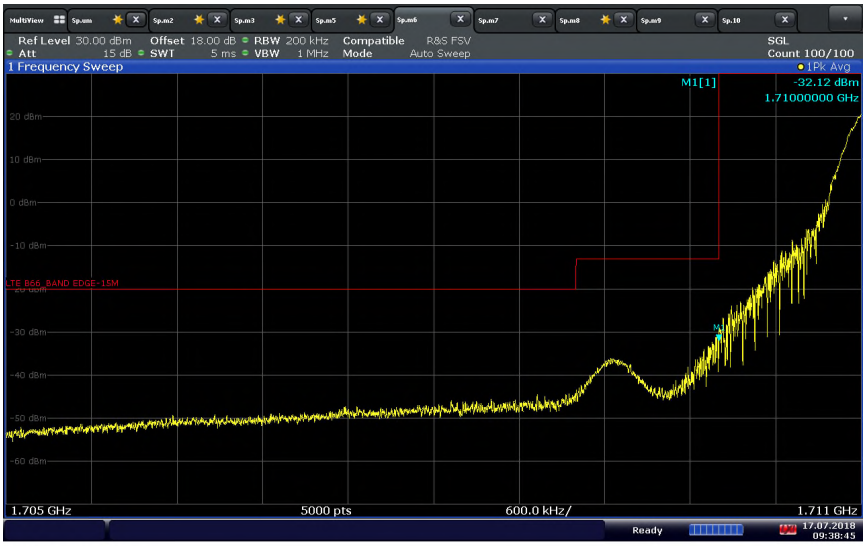
LTE Band 66 (20 MHz BW)/QPSK/High Channel 1770 MHz/Full RB Band Edge @1780 MHz



09:14:51 17.07.2018

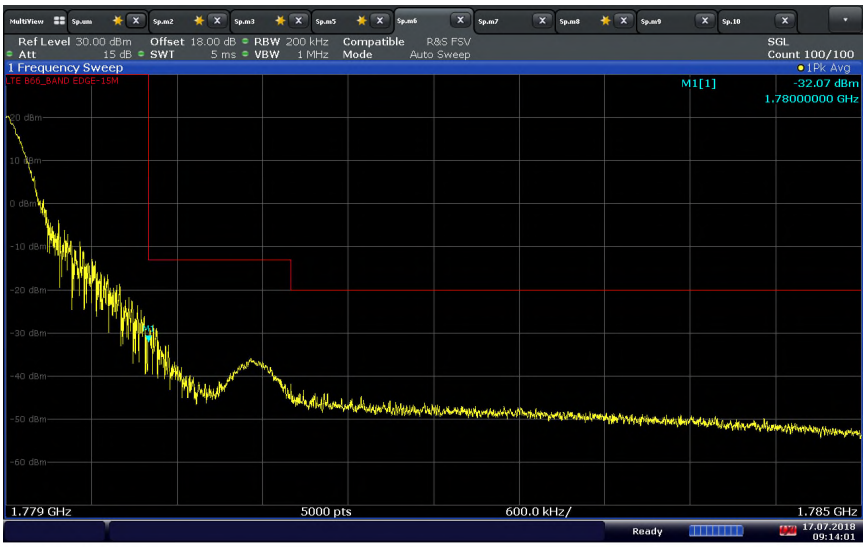
TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364

LTE Band 66 (20 MHz BW)/QPSK/Low Channel 1720 MHz/1 RB 0 offset Band Edge @1710 MHz



09:38:45 17.07.2018

LTE Band 66 (20 MHz BW)/QPSK/High Channel 1770 MHz/1 RB 99 offset Band Edge @1780 MHz



09:14:02 17.07.2018

TÜV SÜD AMERICA INC 10040 Mesa Rim Road San Diego, CA 92121-2912 Phone: 858 678 1400 FAX: 858 546 0364