



Appendix B

Test Data for SZEM161201085001RG

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1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 2

| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM1 | 1.4M | LCH | RB1#0 | 22.87 | 22.87 | 33.00 | PASS |
| | | | | RB1#2 | 22.96 | 22.96 | 33.00 | PASS |
| | | | | RB1#5 | 22.86 | 22.86 | 33.00 | PASS |
| | | | | RB3#0 | 21.95 | 21.95 | 33.00 | PASS |
| | | | | RB3#2 | 21.94 | 21.94 | 33.00 | PASS |
| | | | | RB3#3 | 21.92 | 21.92 | 33.00 | PASS |
| | | | | RB6#0 | 21.98 | 21.98 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.87 | 22.87 | 33.00 | PASS |
| | | | | RB1#2 | 22.97 | 22.97 | 33.00 | PASS |
| | | | | RB1#5 | 22.90 | 22.90 | 33.00 | PASS |
| | | | | RB3#0 | 21.97 | 21.97 | 33.00 | PASS |
| | | | | RB3#2 | 21.93 | 21.93 | 33.00 | PASS |
| | | | | RB3#3 | 21.95 | 21.95 | 33.00 | PASS |
| | | | | RB6#0 | 21.97 | 21.97 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.85 | 22.85 | 33.00 | PASS |
| | | | | RB1#2 | 22.94 | 22.94 | 33.00 | PASS |
| | | | | RB1#5 | 22.84 | 22.84 | 33.00 | PASS |
| | | | | RB3#0 | 21.93 | 21.93 | 33.00 | PASS |
| | | | | RB3#2 | 21.91 | 21.91 | 33.00 | PASS |
| | | | | RB3#3 | 21.90 | 21.90 | 33.00 | PASS |
| | | | | RB6#0 | 21.98 | 21.98 | 33.00 | PASS |



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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM2 | 1.4M | LCH | RB1#0 | 22.08 | 22.08 | 33.00 | PASS |
| | | | | RB1#2 | 22.17 | 22.17 | 33.00 | PASS |
| | | | | RB1#5 | 22.09 | 22.09 | 33.00 | PASS |
| | | | | RB3#0 | 21.93 | 21.93 | 33.00 | PASS |
| | | | | RB3#2 | 21.89 | 21.89 | 33.00 | PASS |
| | | | | RB3#3 | 21.91 | 21.91 | 33.00 | PASS |
| | | | | RB6#0 | 20.99 | 20.99 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.08 | 22.08 | 33.00 | PASS |
| | | | | RB1#2 | 22.18 | 22.18 | 33.00 | PASS |
| | | | | RB1#5 | 22.09 | 22.09 | 33.00 | PASS |
| | | | | RB3#0 | 21.95 | 21.95 | 33.00 | PASS |
| | | | | RB3#2 | 21.92 | 21.92 | 33.00 | PASS |
| | | | | RB3#3 | 21.95 | 21.95 | 33.00 | PASS |
| | | | | RB6#0 | 21.01 | 21.01 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.01 | 22.01 | 33.00 | PASS |
| | | | | RB1#2 | 22.11 | 22.11 | 33.00 | PASS |
| | | | | RB1#5 | 22.00 | 22.00 | 33.00 | PASS |
| | | | | RB3#0 | 21.90 | 21.90 | 33.00 | PASS |
| | | | | RB3#2 | 21.87 | 21.87 | 33.00 | PASS |
| | | | | RB3#3 | 21.89 | 21.89 | 33.00 | PASS |
| | | | | RB6#0 | 20.95 | 20.95 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM1 | 3M | LCH | RB1#0 | 22.88 | 22.88 | 33.00 | PASS |
| | | | | RB1#7 | 22.89 | 22.89 | 33.00 | PASS |
| | | | | RB1#14 | 22.83 | 22.83 | 33.00 | PASS |
| | | | | RB8#0 | 21.97 | 21.97 | 33.00 | PASS |
| | | | | RB8#4 | 21.95 | 21.95 | 33.00 | PASS |
| | | | | RB8#7 | 21.94 | 21.94 | 33.00 | PASS |
| | | | | RB15#0 | 21.96 | 21.96 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.84 | 22.84 | 33.00 | PASS |
| | | | | RB1#7 | 22.89 | 22.89 | 33.00 | PASS |
| | | | | RB1#14 | 22.83 | 22.83 | 33.00 | PASS |
| | | | | RB8#0 | 21.99 | 21.99 | 33.00 | PASS |
| | | | | RB8#4 | 21.94 | 21.94 | 33.00 | PASS |
| | | | | RB8#7 | 21.96 | 21.96 | 33.00 | PASS |
| | | | | RB15#0 | 21.97 | 21.97 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.83 | 22.83 | 33.00 | PASS |
| | | | | RB1#7 | 22.85 | 22.85 | 33.00 | PASS |
| | | | | RB1#14 | 22.80 | 22.80 | 33.00 | PASS |
| | | | | RB8#0 | 21.95 | 21.95 | 33.00 | PASS |
| | | | | RB8#4 | 21.94 | 21.94 | 33.00 | PASS |
| | | | | RB8#7 | 21.93 | 21.93 | 33.00 | PASS |
| | | | | RB15#0 | 21.95 | 21.95 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM2 | 3M | LCH | RB1#0 | 21.98 | 21.98 | 33.00 | PASS |
| | | | | RB1#7 | 22.03 | 22.03 | 33.00 | PASS |
| | | | | RB1#14 | 21.94 | 21.94 | 33.00 | PASS |
| | | | | RB8#0 | 20.90 | 20.90 | 33.00 | PASS |
| | | | | RB8#4 | 20.89 | 20.89 | 33.00 | PASS |
| | | | | RB8#7 | 20.88 | 20.88 | 33.00 | PASS |
| | | | | RB15#0 | 20.85 | 20.85 | 33.00 | PASS |
| | | | MCH | RB1#0 | 21.98 | 21.98 | 33.00 | PASS |
| | | | | RB1#7 | 22.07 | 22.07 | 33.00 | PASS |
| | | | | RB1#14 | 22.00 | 22.00 | 33.00 | PASS |
| | | | | RB8#0 | 20.94 | 20.94 | 33.00 | PASS |
| | | | | RB8#4 | 20.90 | 20.90 | 33.00 | PASS |
| | | | | RB8#7 | 20.92 | 20.92 | 33.00 | PASS |
| | | | | RB15#0 | 20.89 | 20.89 | 33.00 | PASS |
| | | | HCH | RB1#0 | 21.98 | 21.98 | 33.00 | PASS |
| | | | | RB1#7 | 21.99 | 21.99 | 33.00 | PASS |
| | | | | RB1#14 | 21.93 | 21.93 | 33.00 | PASS |
| | | | | RB8#0 | 20.86 | 20.86 | 33.00 | PASS |
| | | | | RB8#4 | 20.85 | 20.85 | 33.00 | PASS |
| | | | | RB8#7 | 20.86 | 20.86 | 33.00 | PASS |
| | | | | RB15#0 | 20.82 | 20.82 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM1 | 5M | LCH | RB1#0 | 22.81 | 22.81 | 33.00 | PASS |
| | | | | RB1#13 | 22.80 | 22.80 | 33.00 | PASS |
| | | | | RB1#24 | 22.70 | 22.70 | 33.00 | PASS |
| | | | | RB12#0 | 21.89 | 21.89 | 33.00 | PASS |
| | | | | RB12#6 | 21.87 | 21.87 | 33.00 | PASS |
| | | | | RB12#13 | 21.84 | 21.84 | 33.00 | PASS |
| | | | | RB25#0 | 21.85 | 21.85 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.82 | 22.82 | 33.00 | PASS |
| | | | | RB1#13 | 22.82 | 22.82 | 33.00 | PASS |
| | | | | RB1#24 | 22.72 | 22.72 | 33.00 | PASS |
| | | | | RB12#0 | 21.91 | 21.91 | 33.00 | PASS |
| | | | | RB12#6 | 21.87 | 21.87 | 33.00 | PASS |
| | | | | RB12#13 | 21.88 | 21.88 | 33.00 | PASS |
| | | | | RB25#0 | 21.85 | 21.85 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.78 | 22.78 | 33.00 | PASS |
| | | | | RB1#13 | 22.78 | 22.78 | 33.00 | PASS |
| | | | | RB1#24 | 22.69 | 22.69 | 33.00 | PASS |
| | | | | RB12#0 | 21.87 | 21.87 | 33.00 | PASS |
| | | | | RB12#6 | 21.86 | 21.86 | 33.00 | PASS |
| | | | | RB12#13 | 21.83 | 21.83 | 33.00 | PASS |
| | | | | RB25#0 | 21.84 | 21.84 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM2 | 5M | LCH | RB1#0 | 22.13 | 22.13 | 33.00 | PASS |
| | | | | RB1#13 | 22.12 | 22.12 | 33.00 | PASS |
| | | | | RB1#24 | 22.04 | 22.04 | 33.00 | PASS |
| | | | | RB12#0 | 20.96 | 20.96 | 33.00 | PASS |
| | | | | RB12#6 | 20.94 | 20.94 | 33.00 | PASS |
| | | | | RB12#13 | 20.90 | 20.90 | 33.00 | PASS |
| | | | | RB25#0 | 20.91 | 20.91 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.15 | 22.15 | 33.00 | PASS |
| | | | | RB1#13 | 22.13 | 22.13 | 33.00 | PASS |
| | | | | RB1#24 | 22.04 | 22.04 | 33.00 | PASS |
| | | | | RB12#0 | 20.96 | 20.96 | 33.00 | PASS |
| | | | | RB12#6 | 20.92 | 20.92 | 33.00 | PASS |
| | | | | RB12#13 | 20.93 | 20.93 | 33.00 | PASS |
| | | | | RB25#0 | 20.89 | 20.89 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.08 | 22.08 | 33.00 | PASS |
| | | | | RB1#13 | 22.04 | 22.04 | 33.00 | PASS |
| | | | | RB1#24 | 21.97 | 21.97 | 33.00 | PASS |
| | | | | RB12#0 | 20.88 | 20.88 | 33.00 | PASS |
| | | | | RB12#6 | 20.89 | 20.89 | 33.00 | PASS |
| | | | | RB12#13 | 20.86 | 20.86 | 33.00 | PASS |
| | | | | RB25#0 | 20.86 | 20.86 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM1 | 10M | LCH | RB1#0 | 22.83 | 22.83 | 33.00 | PASS |
| | | | | RB1#25 | 22.75 | 22.75 | 33.00 | PASS |
| | | | | RB1#49 | 22.72 | 22.72 | 33.00 | PASS |
| | | | | RB25#0 | 21.82 | 21.82 | 33.00 | PASS |
| | | | | RB25#13 | 21.79 | 21.79 | 33.00 | PASS |
| | | | | RB25#25 | 21.77 | 21.77 | 33.00 | PASS |
| | | | | RB50#0 | 21.84 | 21.84 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.79 | 22.79 | 33.00 | PASS |
| | | | | RB1#25 | 22.74 | 22.74 | 33.00 | PASS |
| | | | | RB1#49 | 22.71 | 22.71 | 33.00 | PASS |
| | | | | RB25#0 | 21.82 | 21.82 | 33.00 | PASS |
| | | | | RB25#13 | 21.79 | 21.79 | 33.00 | PASS |
| | | | | RB25#25 | 21.77 | 21.77 | 33.00 | PASS |
| | | | | RB50#0 | 21.81 | 21.81 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.75 | 22.75 | 33.00 | PASS |
| | | | | RB1#25 | 22.71 | 22.71 | 33.00 | PASS |
| | | | | RB1#49 | 22.66 | 22.66 | 33.00 | PASS |
| | | | | RB25#0 | 21.80 | 21.80 | 33.00 | PASS |
| | | | | RB25#13 | 21.78 | 21.78 | 33.00 | PASS |
| | | | | RB25#25 | 21.75 | 21.75 | 33.00 | PASS |
| | | | | RB50#0 | 21.79 | 21.79 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM2 | 10M | LCH | RB1#0 | 22.08 | 22.08 | 33.00 | PASS |
| | | | | RB1#25 | 21.99 | 21.99 | 33.00 | PASS |
| | | | | RB1#49 | 21.99 | 21.99 | 33.00 | PASS |
| | | | | RB25#0 | 20.82 | 20.82 | 33.00 | PASS |
| | | | | RB25#13 | 20.79 | 20.79 | 33.00 | PASS |
| | | | | RB25#25 | 20.79 | 20.79 | 33.00 | PASS |
| | | | | RB50#0 | 20.82 | 20.82 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.05 | 22.05 | 33.00 | PASS |
| | | | | RB1#25 | 21.98 | 21.98 | 33.00 | PASS |
| | | | | RB1#49 | 21.94 | 21.94 | 33.00 | PASS |
| | | | | RB25#0 | 20.83 | 20.83 | 33.00 | PASS |
| | | | | RB25#13 | 20.81 | 20.81 | 33.00 | PASS |
| | | | | RB25#25 | 20.78 | 20.78 | 33.00 | PASS |
| | | | | RB50#0 | 20.81 | 20.81 | 33.00 | PASS |
| | | | HCH | RB1#0 | 21.99 | 21.99 | 33.00 | PASS |
| | | | | RB1#25 | 21.95 | 21.95 | 33.00 | PASS |
| | | | | RB1#49 | 21.89 | 21.89 | 33.00 | PASS |
| | | | | RB25#0 | 20.80 | 20.80 | 33.00 | PASS |
| | | | | RB25#13 | 20.78 | 20.78 | 33.00 | PASS |
| | | | | RB25#25 | 20.75 | 20.75 | 33.00 | PASS |
| | | | | RB50#0 | 20.79 | 20.79 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM1 | 15M | LCH | RB1#0 | 22.90 | 22.90 | 33.00 | PASS |
| | | | | RB1#38 | 22.82 | 22.82 | 33.00 | PASS |
| | | | | RB1#74 | 22.78 | 22.78 | 33.00 | PASS |
| | | | | RB36#0 | 21.93 | 21.93 | 33.00 | PASS |
| | | | | RB36#18 | 21.87 | 21.87 | 33.00 | PASS |
| | | | | RB36#39 | 21.84 | 21.84 | 33.00 | PASS |
| | | | | RB75#0 | 21.88 | 21.88 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.88 | 22.88 | 33.00 | PASS |
| | | | | RB1#38 | 22.81 | 22.81 | 33.00 | PASS |
| | | | | RB1#74 | 22.80 | 22.80 | 33.00 | PASS |
| | | | | RB36#0 | 21.92 | 21.92 | 33.00 | PASS |
| | | | | RB36#18 | 21.87 | 21.87 | 33.00 | PASS |
| | | | | RB36#39 | 21.86 | 21.86 | 33.00 | PASS |
| | | | | RB75#0 | 21.88 | 21.88 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.82 | 22.82 | 33.00 | PASS |
| | | | | RB1#38 | 22.75 | 22.75 | 33.00 | PASS |
| | | | | RB1#74 | 22.73 | 22.73 | 33.00 | PASS |
| | | | | RB36#0 | 21.88 | 21.88 | 33.00 | PASS |
| | | | | RB36#18 | 21.86 | 21.86 | 33.00 | PASS |
| | | | | RB36#39 | 21.83 | 21.83 | 33.00 | PASS |
| | | | | RB75#0 | 21.86 | 21.86 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM2 | 15M | LCH | RB1#0 | 22.15 | 22.15 | 33.00 | PASS |
| | | | | RB1#38 | 22.08 | 22.08 | 33.00 | PASS |
| | | | | RB1#74 | 22.04 | 22.04 | 33.00 | PASS |
| | | | | RB36#0 | 20.93 | 20.93 | 33.00 | PASS |
| | | | | RB36#18 | 20.90 | 20.90 | 33.00 | PASS |
| | | | | RB36#39 | 20.85 | 20.85 | 33.00 | PASS |
| | | | | RB75#0 | 20.91 | 20.91 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.15 | 22.15 | 33.00 | PASS |
| | | | | RB1#38 | 22.06 | 22.06 | 33.00 | PASS |
| | | | | RB1#74 | 22.08 | 22.08 | 33.00 | PASS |
| | | | | RB36#0 | 20.93 | 20.93 | 33.00 | PASS |
| | | | | RB36#18 | 20.89 | 20.89 | 33.00 | PASS |
| | | | | RB36#39 | 20.88 | 20.88 | 33.00 | PASS |
| | | | | RB75#0 | 20.89 | 20.89 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.10 | 22.10 | 33.00 | PASS |
| | | | | RB1#38 | 22.02 | 22.02 | 33.00 | PASS |
| | | | | RB1#74 | 21.98 | 21.98 | 33.00 | PASS |
| | | | | RB36#0 | 20.85 | 20.85 | 33.00 | PASS |
| | | | | RB36#18 | 20.84 | 20.84 | 33.00 | PASS |
| | | | | RB36#39 | 20.83 | 20.83 | 33.00 | PASS |
| | | | | RB75#0 | 20.82 | 20.82 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM1 | 20M | LCH | RB1#0 | 22.91 | 22.91 | 33.00 | PASS |
| | | | | RB1#50 | 22.79 | 22.79 | 33.00 | PASS |
| | | | | RB1#99 | 22.83 | 22.83 | 33.00 | PASS |
| | | | | RB50#0 | 21.78 | 21.78 | 33.00 | PASS |
| | | | | RB50#25 | 21.75 | 21.75 | 33.00 | PASS |
| | | | | RB50#50 | 21.72 | 21.72 | 33.00 | PASS |
| | | | | RB100#0 | 21.75 | 21.75 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.89 | 22.89 | 33.00 | PASS |
| | | | | RB1#50 | 22.79 | 22.79 | 33.00 | PASS |
| | | | | RB1#99 | 22.86 | 22.86 | 33.00 | PASS |
| | | | | RB50#0 | 21.81 | 21.81 | 33.00 | PASS |
| | | | | RB50#25 | 21.77 | 21.77 | 33.00 | PASS |
| | | | | RB50#50 | 21.76 | 21.76 | 33.00 | PASS |
| | | | | RB100#0 | 21.77 | 21.77 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.88 | 22.88 | 33.00 | PASS |
| | | | | RB1#50 | 22.85 | 22.85 | 33.00 | PASS |
| | | | | RB1#99 | 22.78 | 22.78 | 33.00 | PASS |
| | | | | RB50#0 | 21.82 | 21.82 | 33.00 | PASS |
| | | | | RB50#25 | 21.74 | 21.74 | 33.00 | PASS |
| | | | | RB50#50 | 21.76 | 21.76 | 33.00 | PASS |
| | | | | RB100#0 | 21.77 | 21.77 | 33.00 | PASS |

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| Test Band(LTE) | Test Mode | Test Bandwidth | Test channel | Test RB | Measured (dBm) | EIRP (dBm) | limit (dBm) | Verdict |
|----------------|-----------|----------------|--------------|---------|----------------|------------|-------------|---------|
| BAND2 | LTE/TM2 | 20M | LCH | RB1#0 | 22.38 | 22.38 | 33.00 | PASS |
| | | | | RB1#50 | 22.31 | 22.31 | 33.00 | PASS |
| | | | | RB1#99 | 22.23 | 22.23 | 33.00 | PASS |
| | | | | RB50#0 | 20.84 | 20.84 | 33.00 | PASS |
| | | | | RB50#25 | 20.77 | 20.77 | 33.00 | PASS |
| | | | | RB50#50 | 20.76 | 20.76 | 33.00 | PASS |
| | | | | RB100#0 | 20.84 | 20.84 | 33.00 | PASS |
| | | | MCH | RB1#0 | 22.23 | 22.23 | 33.00 | PASS |
| | | | | RB1#50 | 22.22 | 22.22 | 33.00 | PASS |
| | | | | RB1#99 | 22.28 | 22.28 | 33.00 | PASS |
| | | | | RB50#0 | 20.82 | 20.82 | 33.00 | PASS |
| | | | | RB50#25 | 20.83 | 20.83 | 33.00 | PASS |
| | | | | RB50#50 | 20.83 | 20.83 | 33.00 | PASS |
| | | | | RB100#0 | 20.80 | 20.80 | 33.00 | PASS |
| | | | HCH | RB1#0 | 22.21 | 22.21 | 33.00 | PASS |
| | | | | RB1#50 | 22.12 | 22.12 | 33.00 | PASS |
| | | | | RB1#99 | 22.13 | 22.13 | 33.00 | PASS |
| | | | | RB50#0 | 20.83 | 20.83 | 33.00 | PASS |
| | | | | RB50#25 | 20.82 | 20.82 | 33.00 | PASS |
| | | | | RB50#50 | 20.81 | 20.81 | 33.00 | PASS |
| | | | | RB100#0 | 20.81 | 20.81 | 33.00 | PASS |

Note:

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

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

b: SGP=Signal Generator Level

c: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS

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2 Peak-to-Average Ratio

Part I - Test Results

| Test Band | Test Mode | Test Channel | Measured[dB] | Limit [dB] | Verdict |
|------------------|------------------|---------------------|---------------------|-------------------|----------------|
| Band 2 | TM1/20M | LCH | 4.75 | 13 | PASS |
| | | MCH | 4.96 | 13 | PASS |
| | | HCH | 5.04 | 13 | PASS |
| | TM2/20M | LCH | 5.74 | 13 | PASS |
| | | MCH | 5.88 | 13 | PASS |
| | | HCH | 5.94 | 13 | PASS |

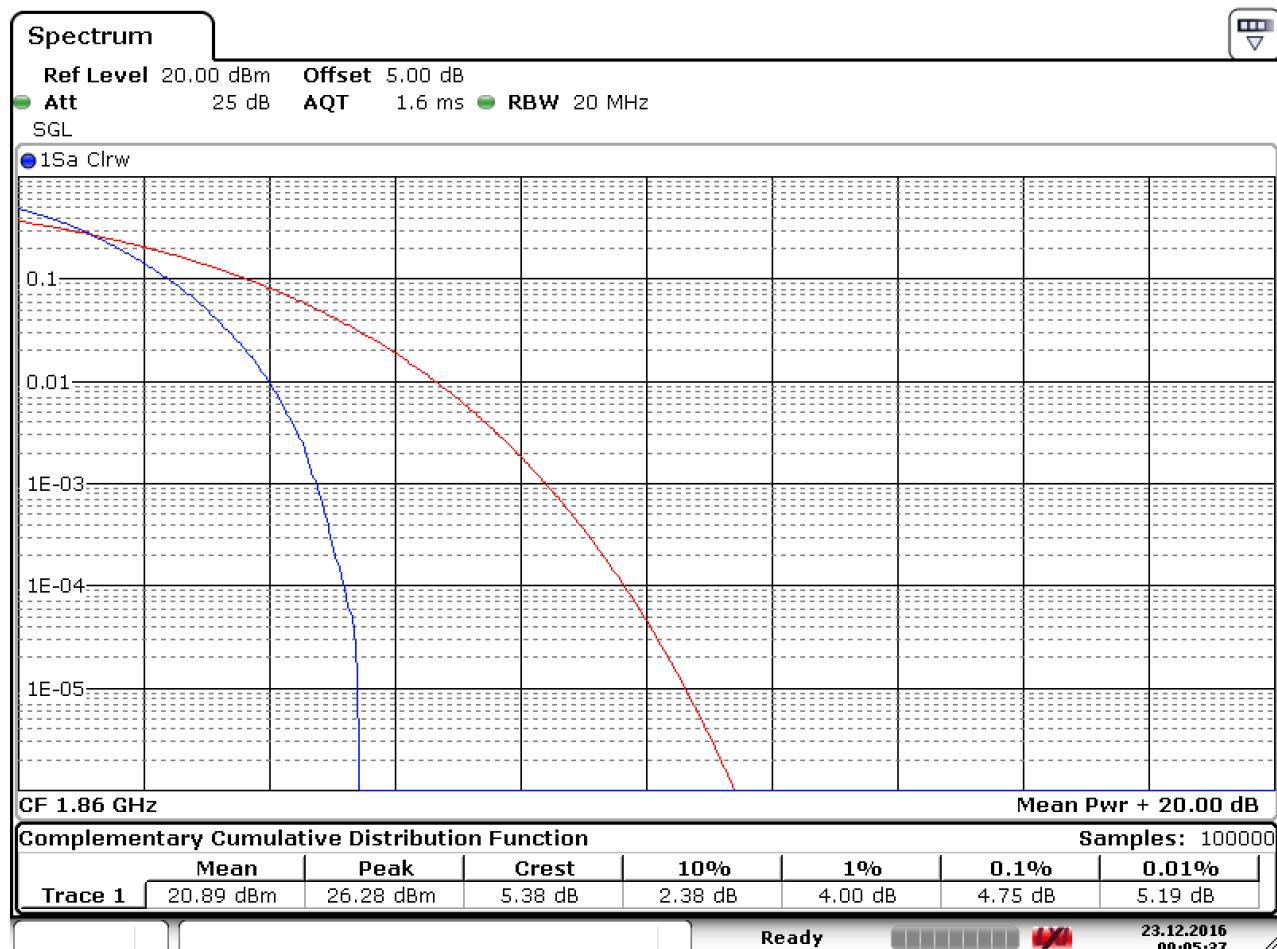
Part II - Test Plots

2.1 For LTE

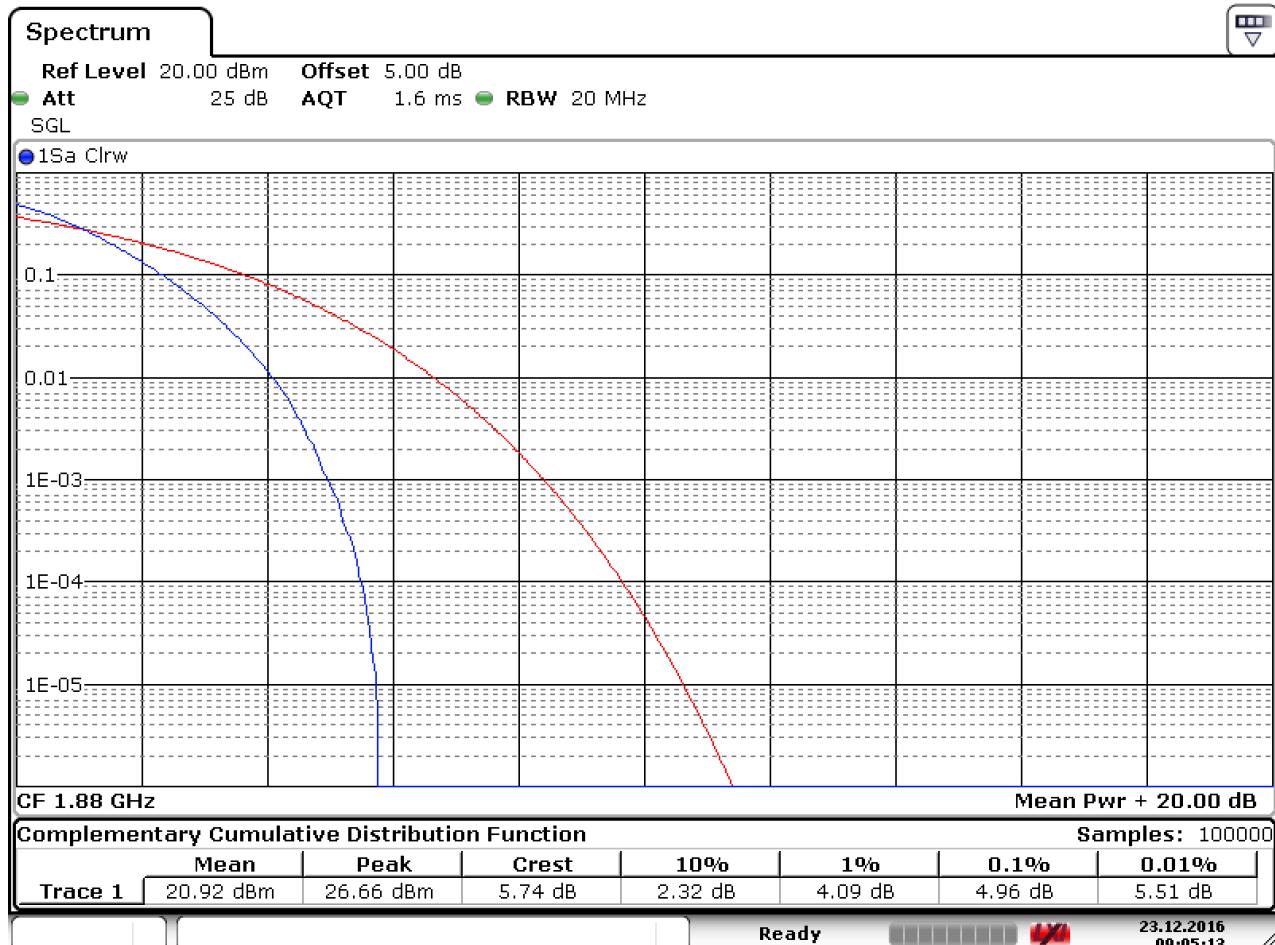
2.1.1 Test Band = LTE band2

2.1.1.1 Test Mode = LTE/TM1.Bandwidth=20MHz

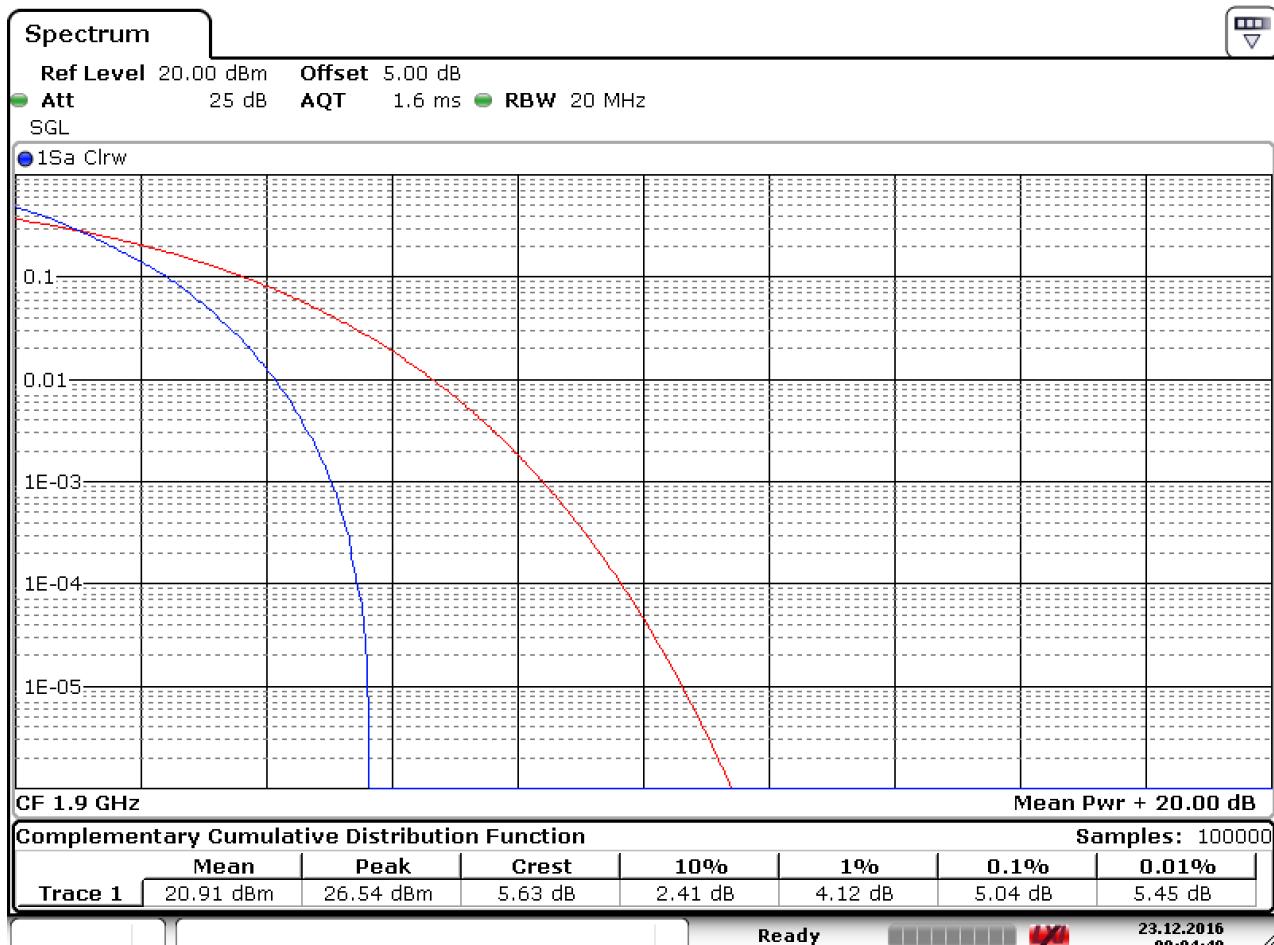
2.1.1.1.1 Test Channel = LCH



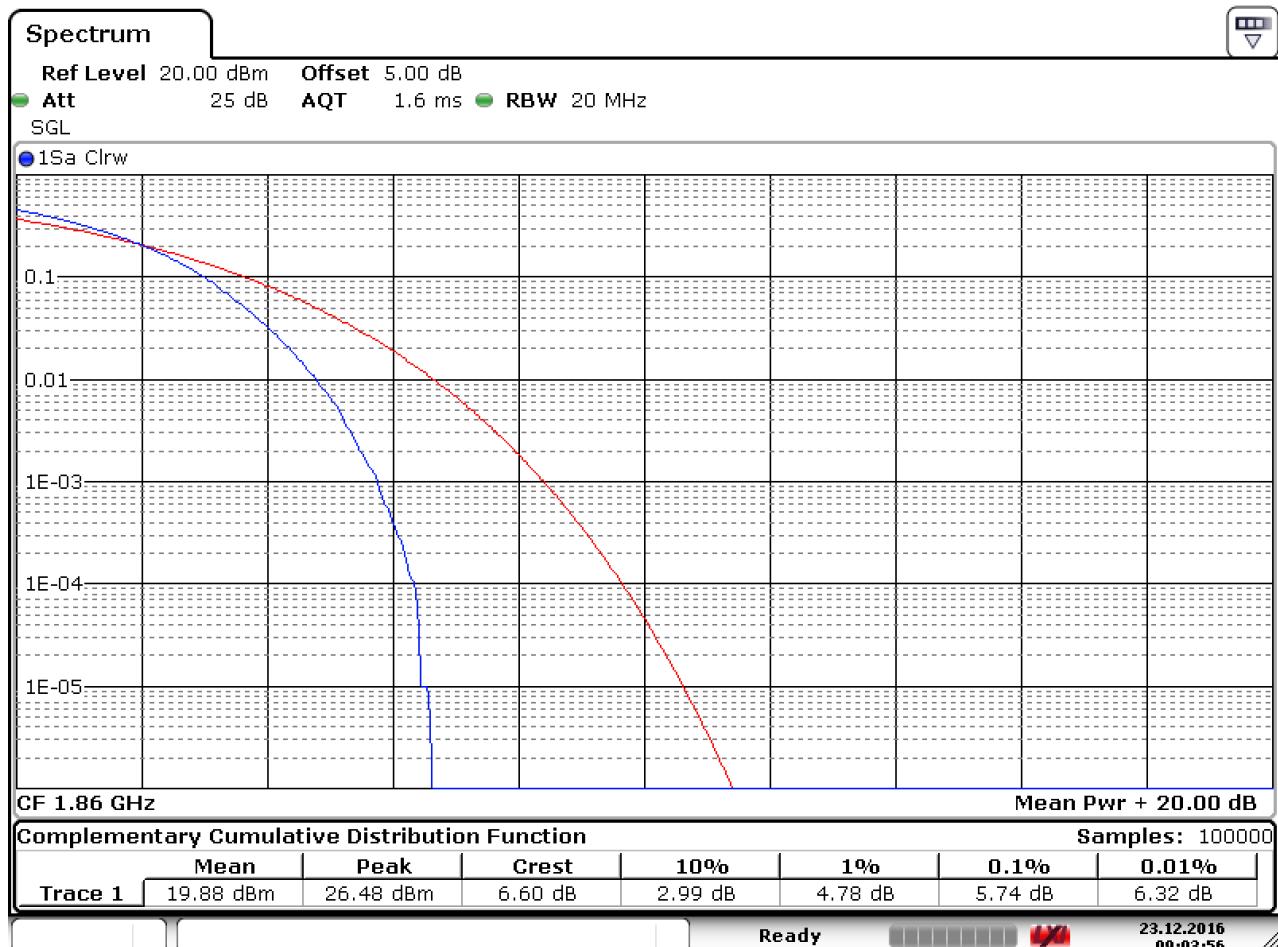
Date: 23.DEC.2016 09:05:38

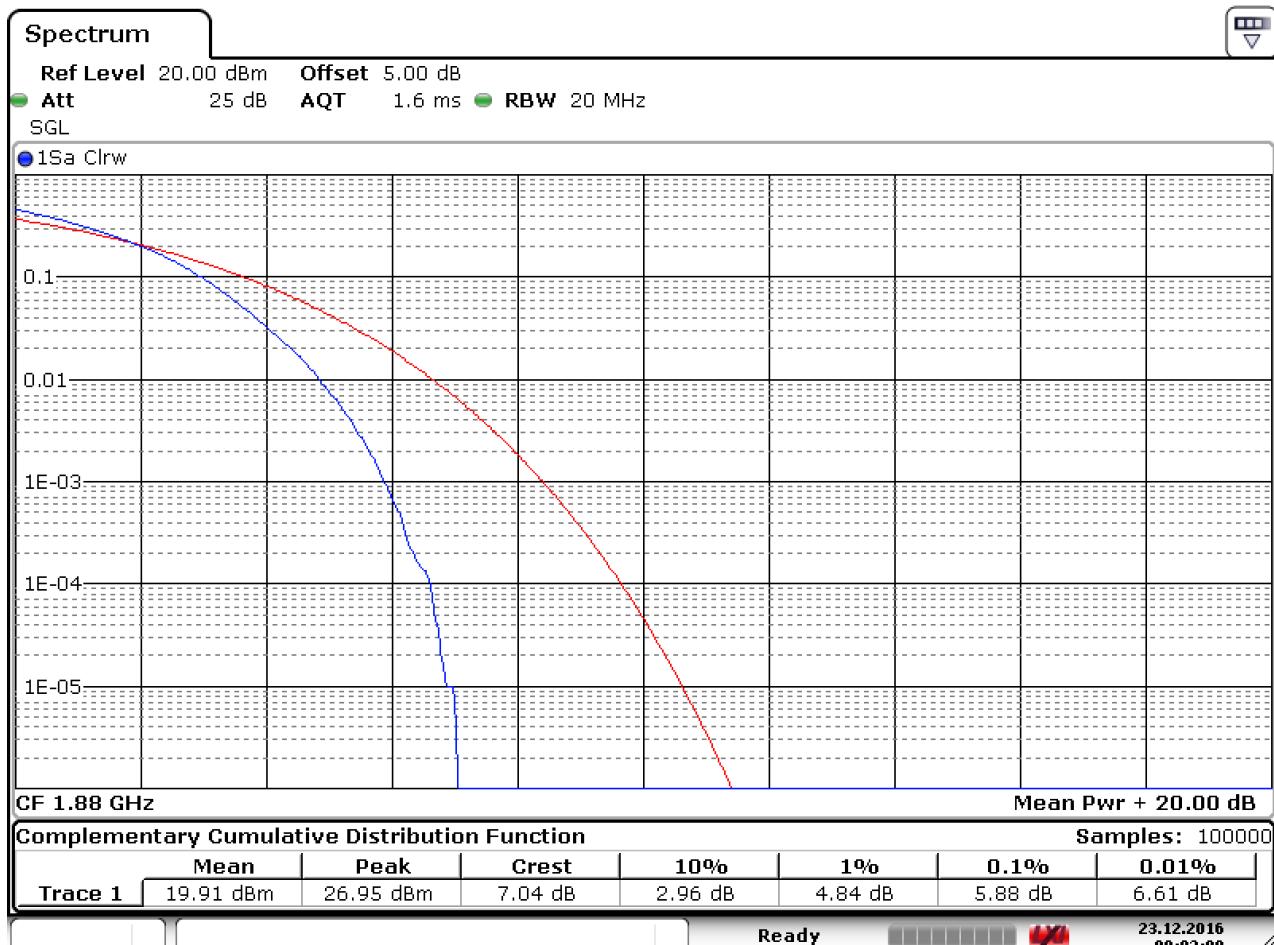
2.1.1.1.2 Test Channel = MCH

Date: 23.DEC.2016 09:05:14

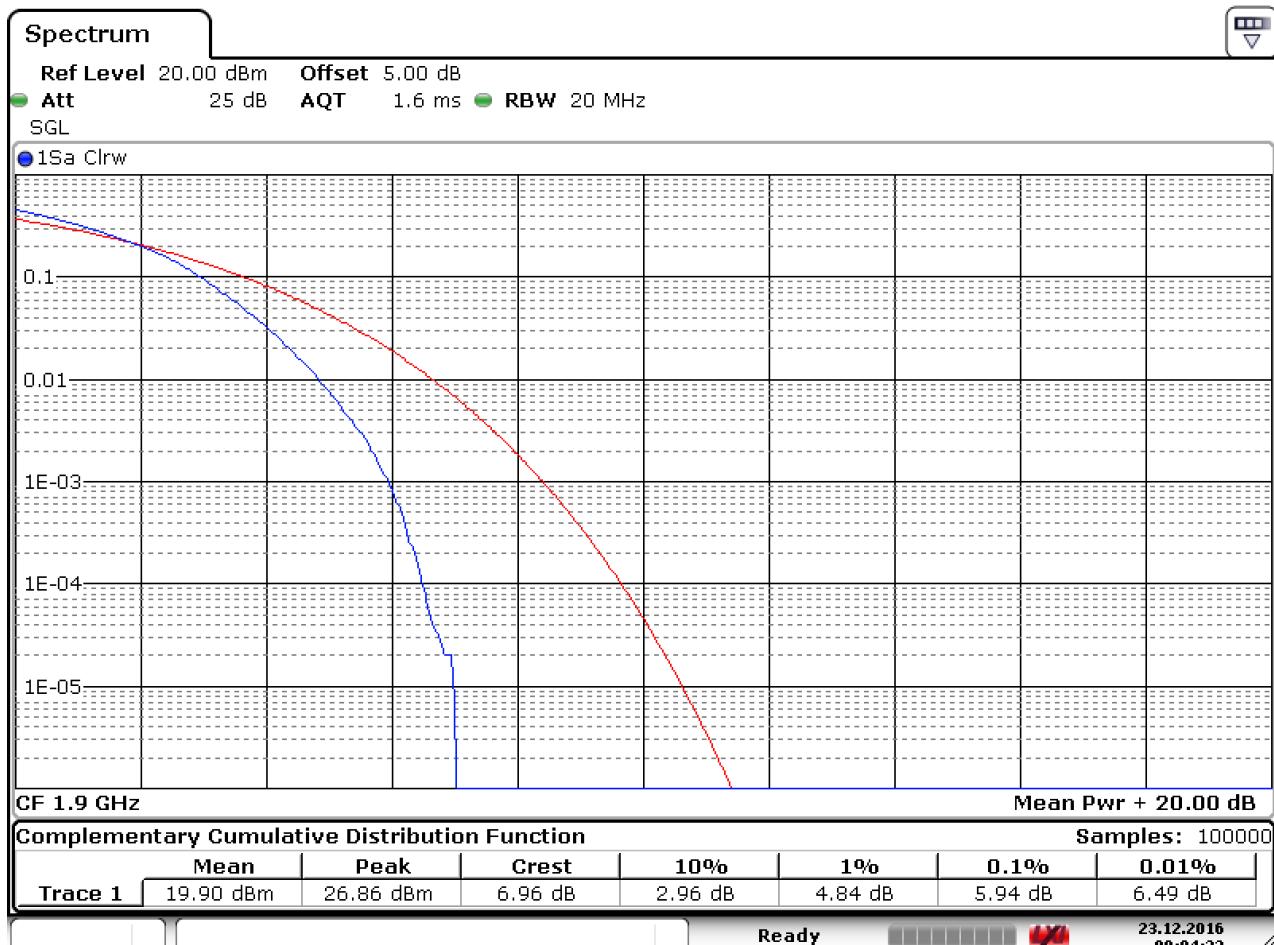
2.1.1.1.3 Test Channel = HCH

Date: 23.DEC.2016 09:04:40

2.1.1.2 Test Mode = LTE/TM2.Bandwidth=20MHz**2.1.1.2.1 Test Channel = LCH**

2.1.1.2.2 Test Channel = MCH

Date: 23.DEC.2016 09:03:08

2.1.1.2.3 Test Channel = HCH

Date: 23.DEC.2016 09:04:22

3 Modulation Characteristics

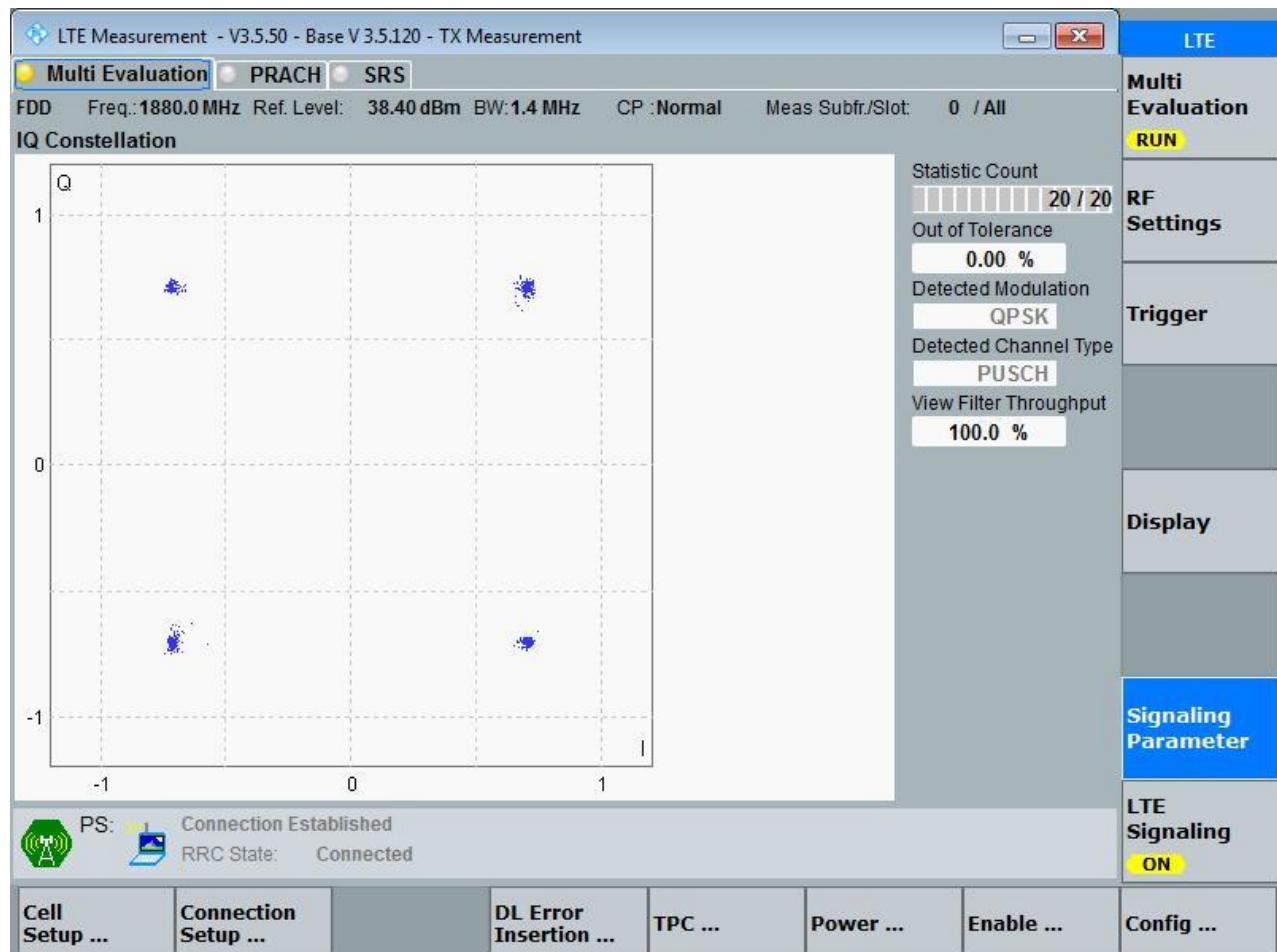
Part I - Test Plots

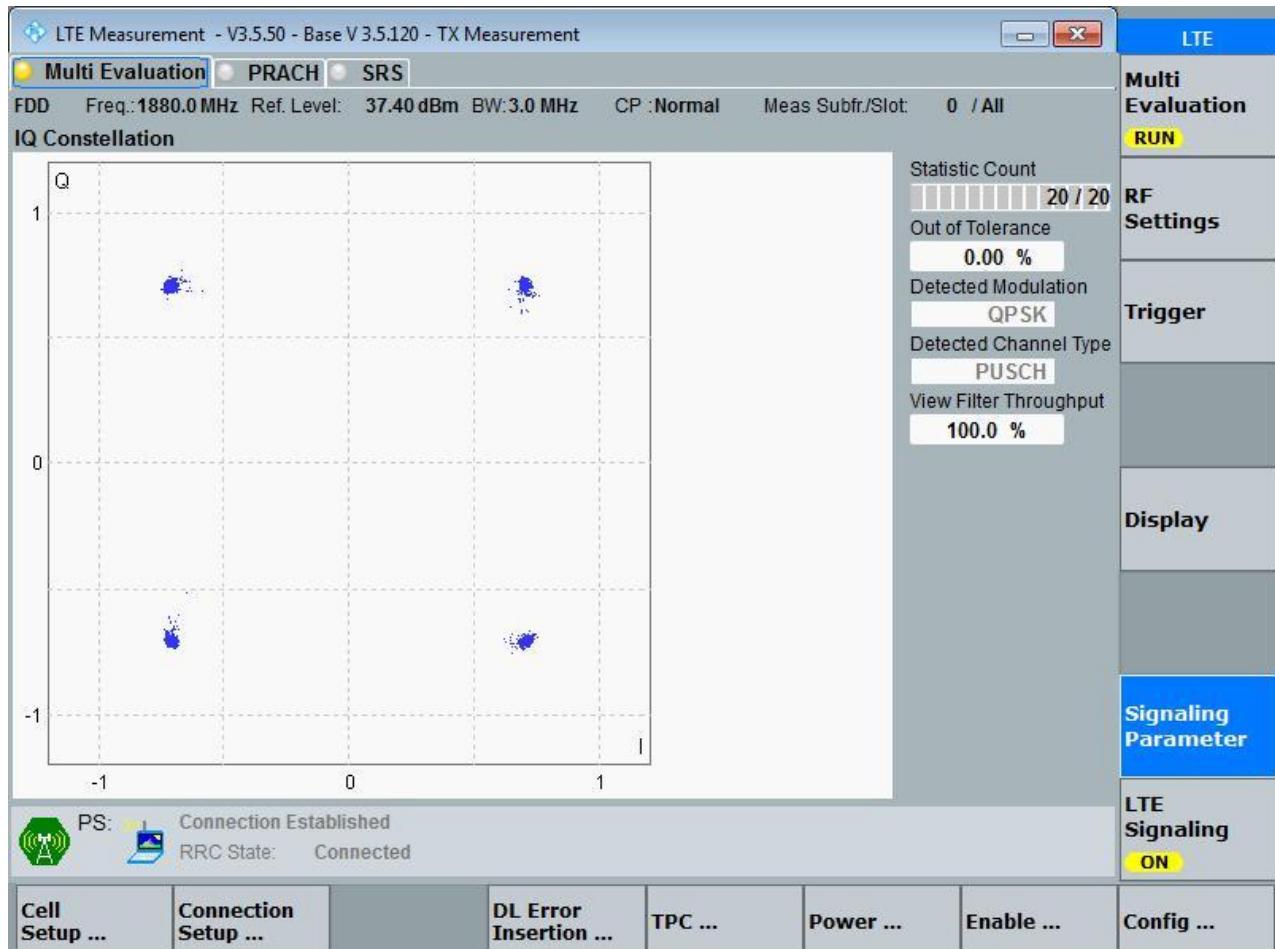
3.1 For LTE

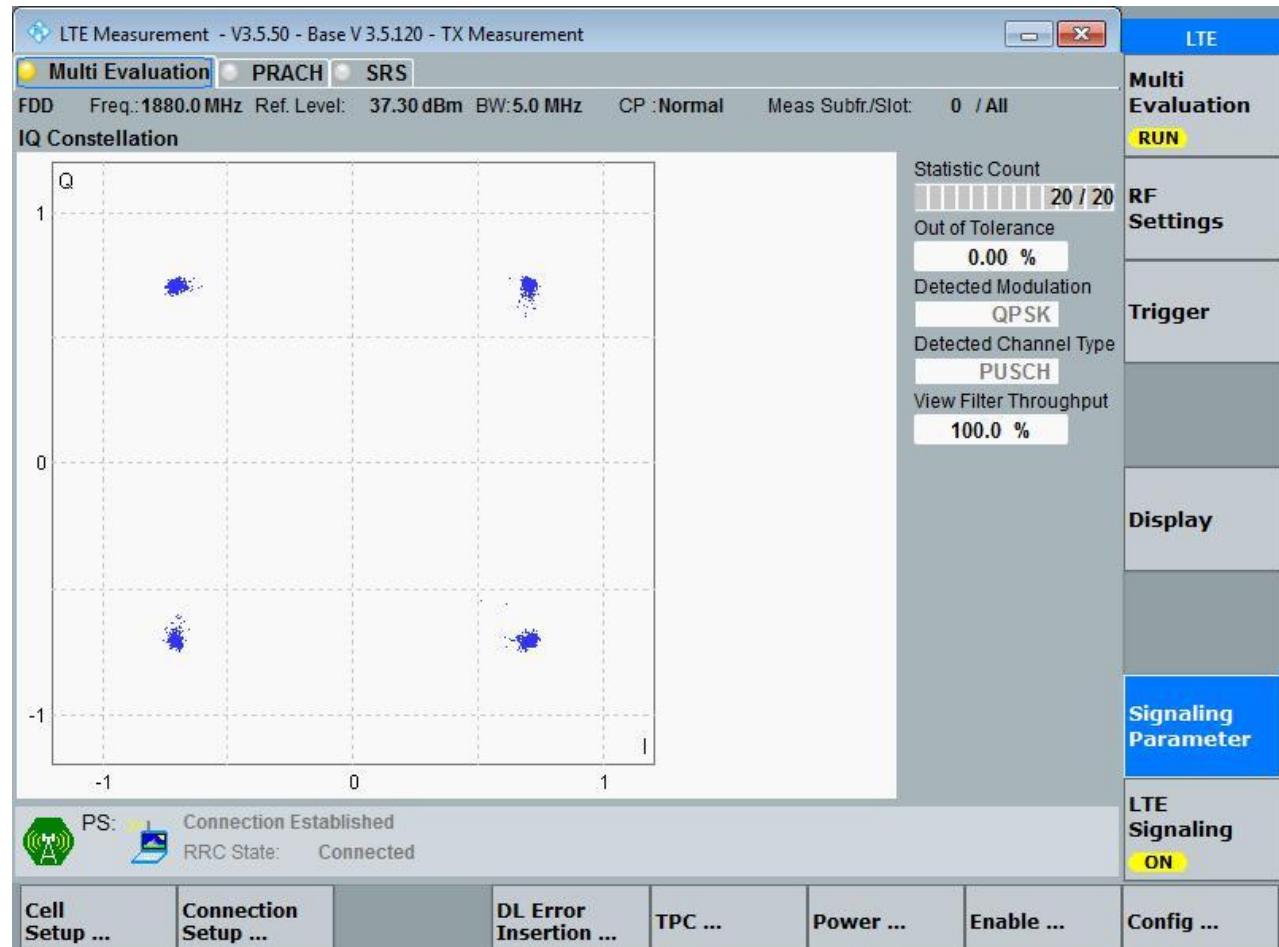
3.1.1 Test Band = LTE band2

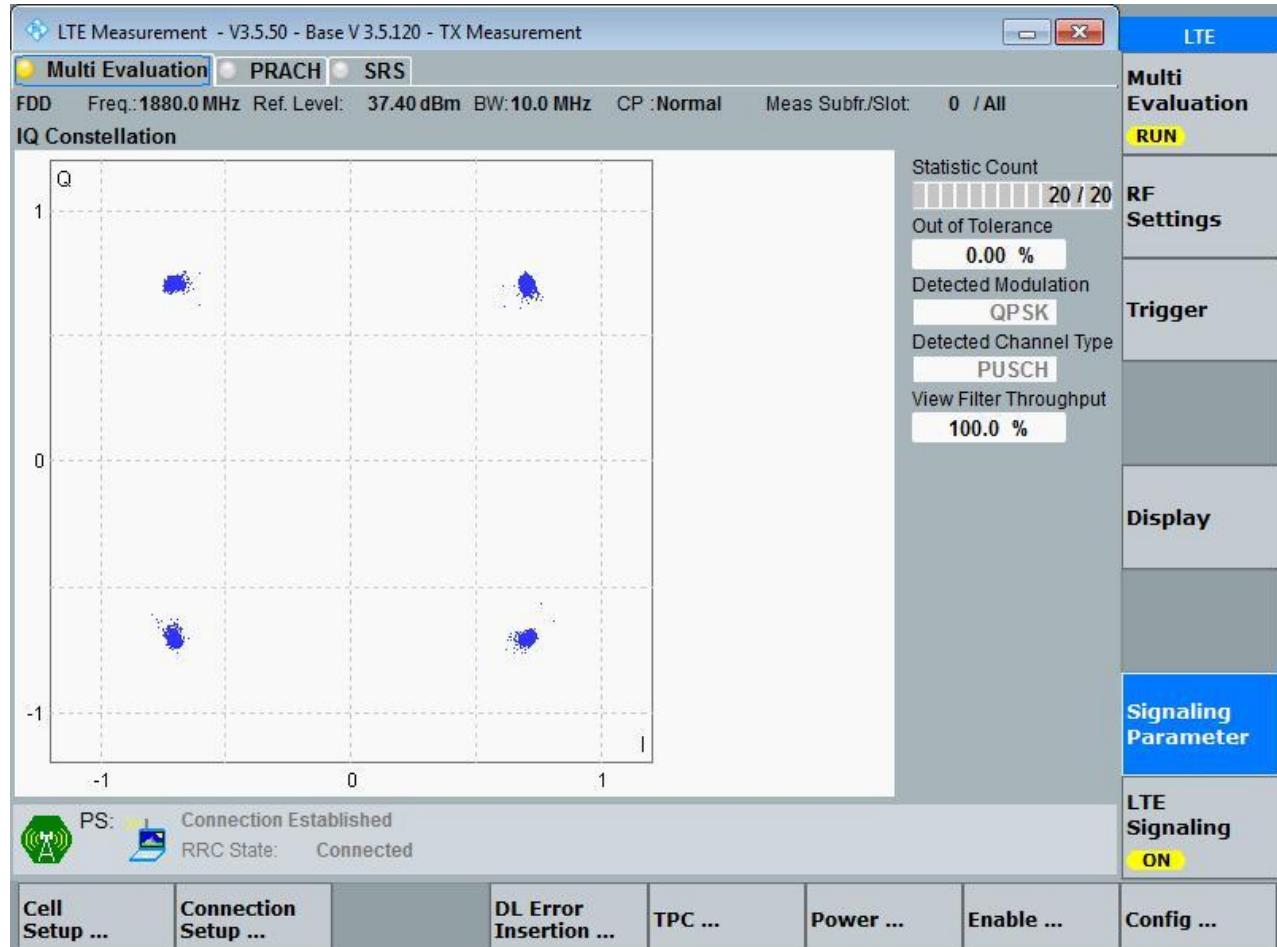
3.1.1.1 Test Mode = LTE /TM1 1.4MHz

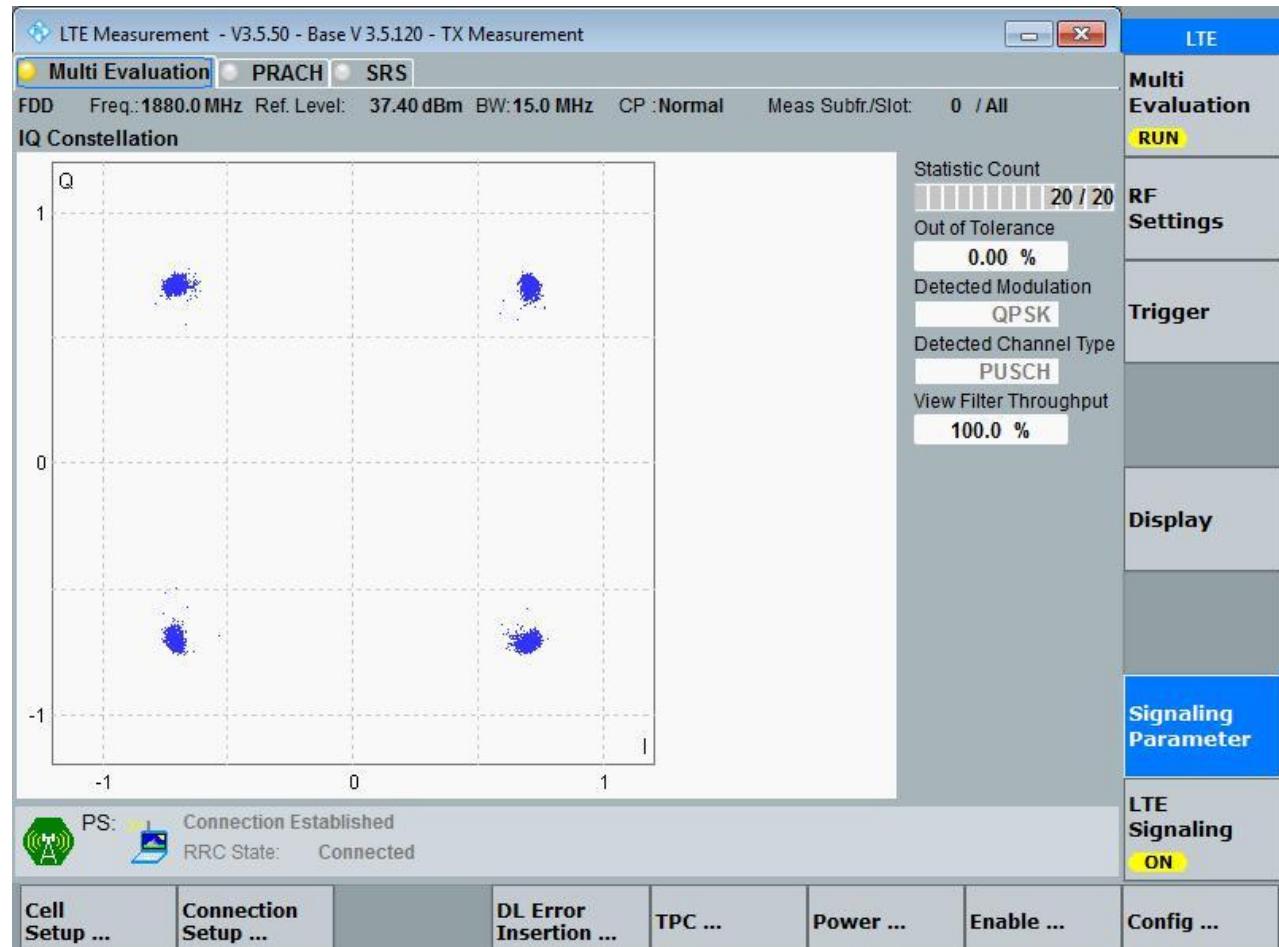
3.1.1.1.1 Test Channel = MCH

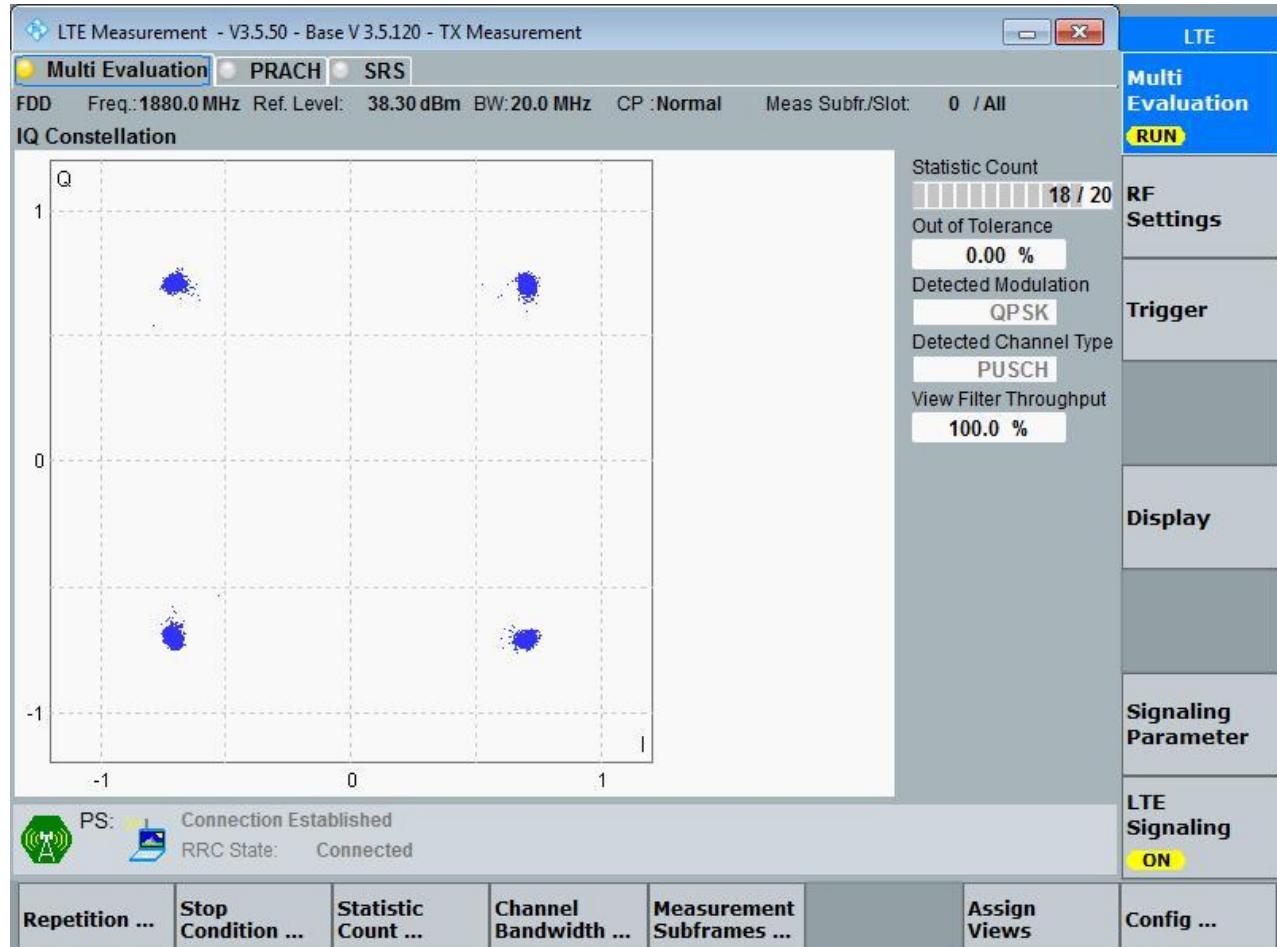


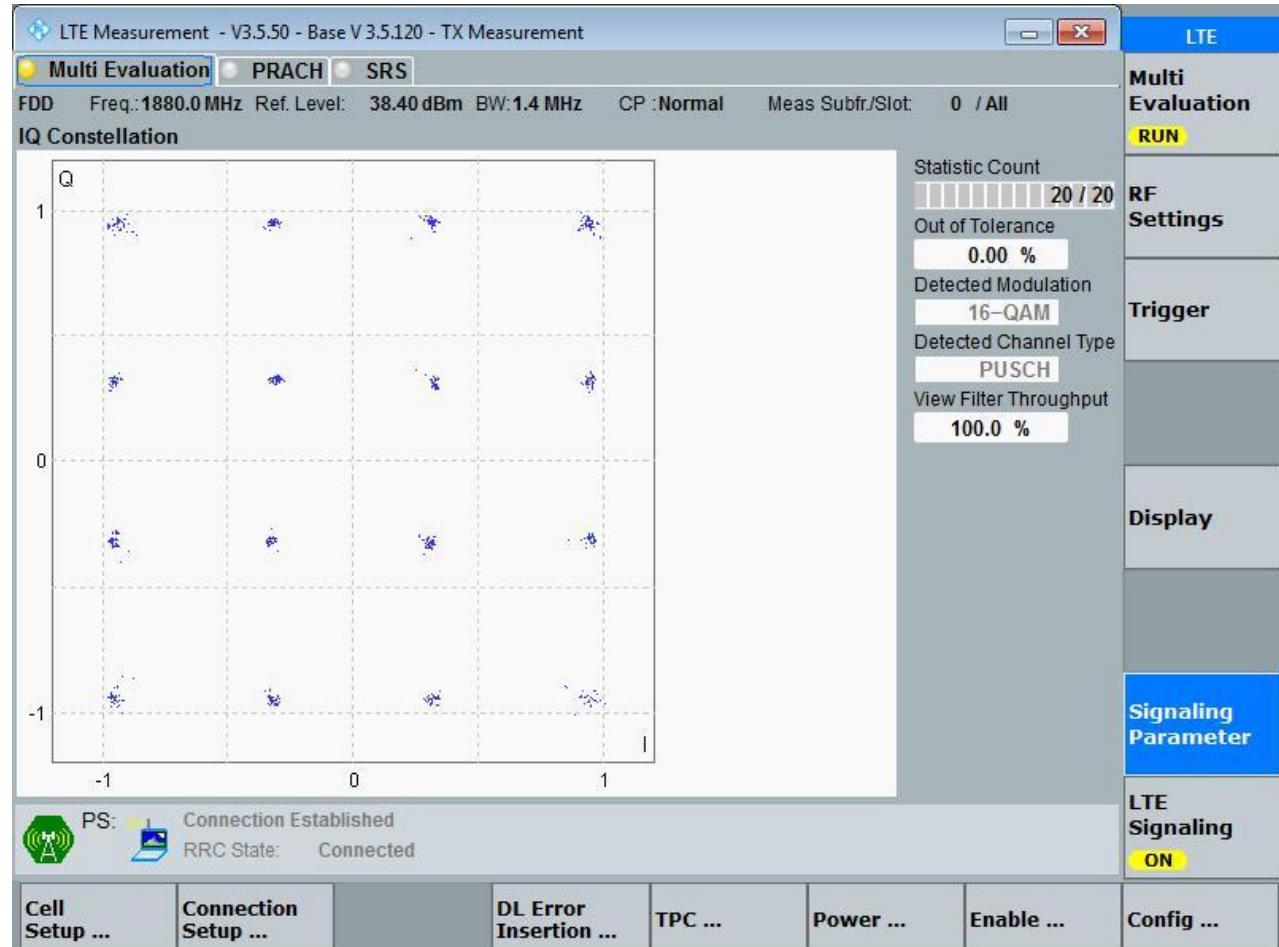
3.1.1.2 Test Mode = LTE /TM1 3MHz**3.1.1.2.1 Test Channel = MCH**

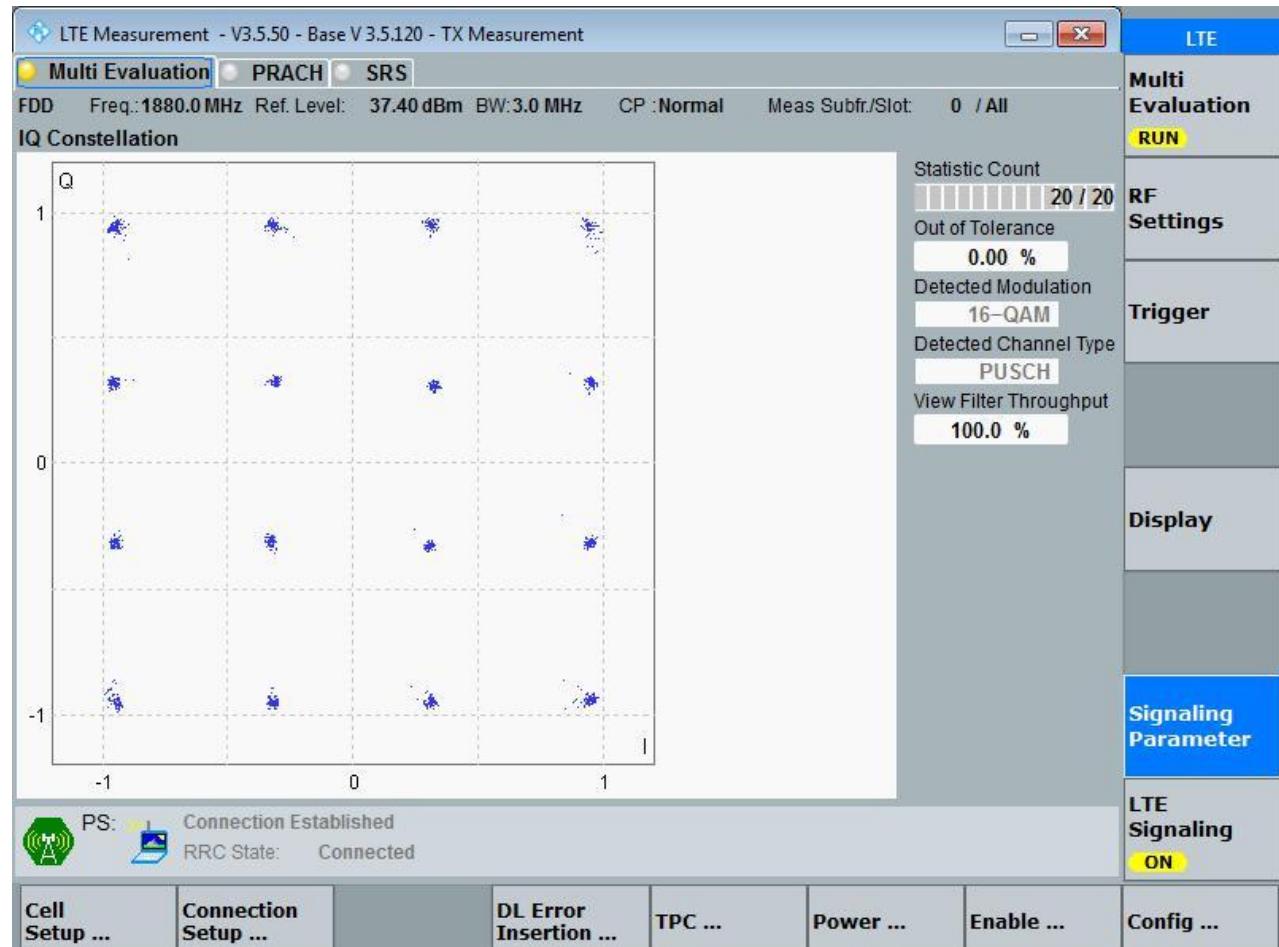
3.1.1.3 Test Mode = LTE /TM1 5MHz**3.1.1.3.1 Test Channel = MCH**

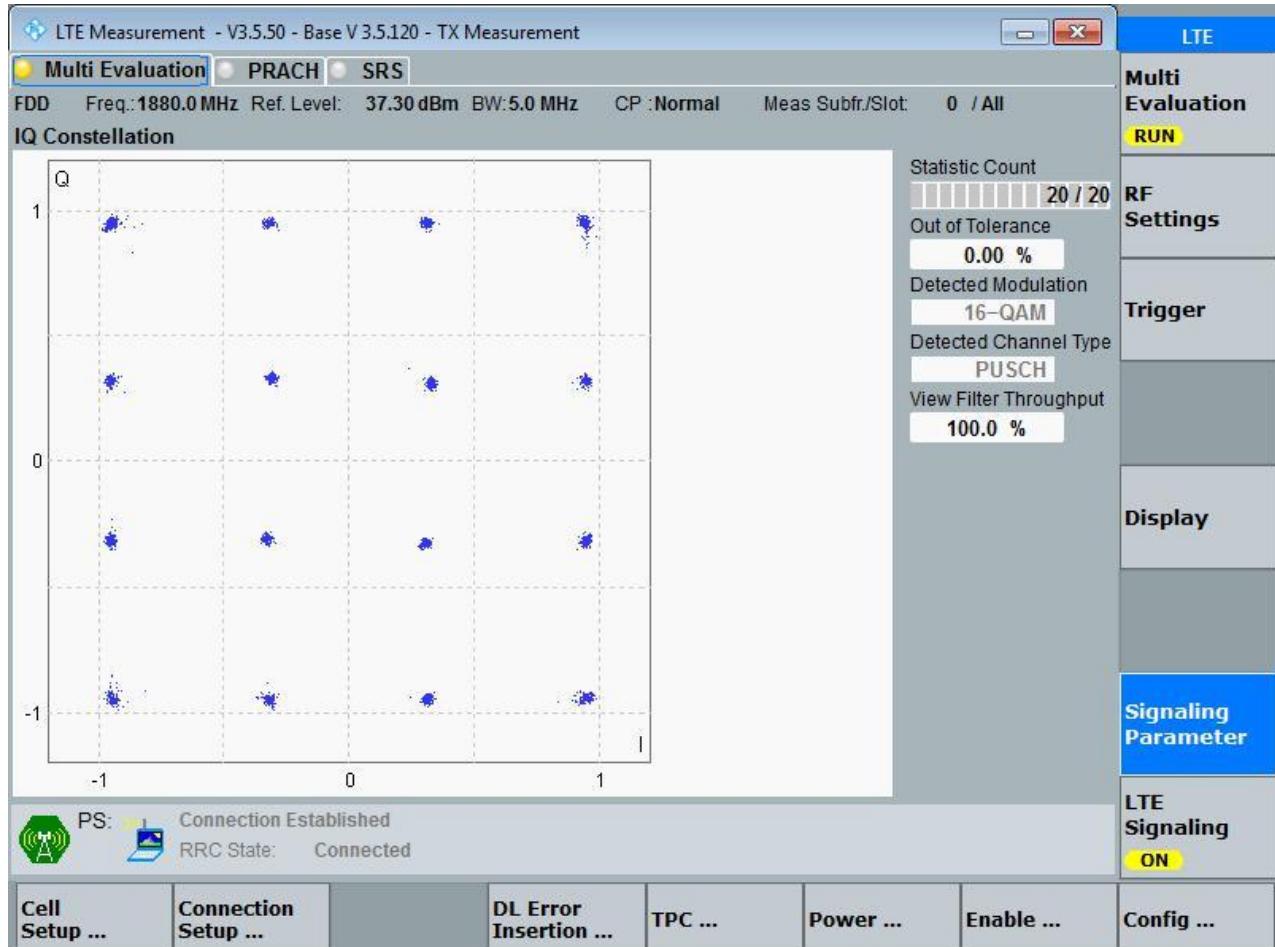
3.1.1.4 Test Mode = LTE /TM1 10MHz**3.1.1.4.1 Test Channel = MCH**

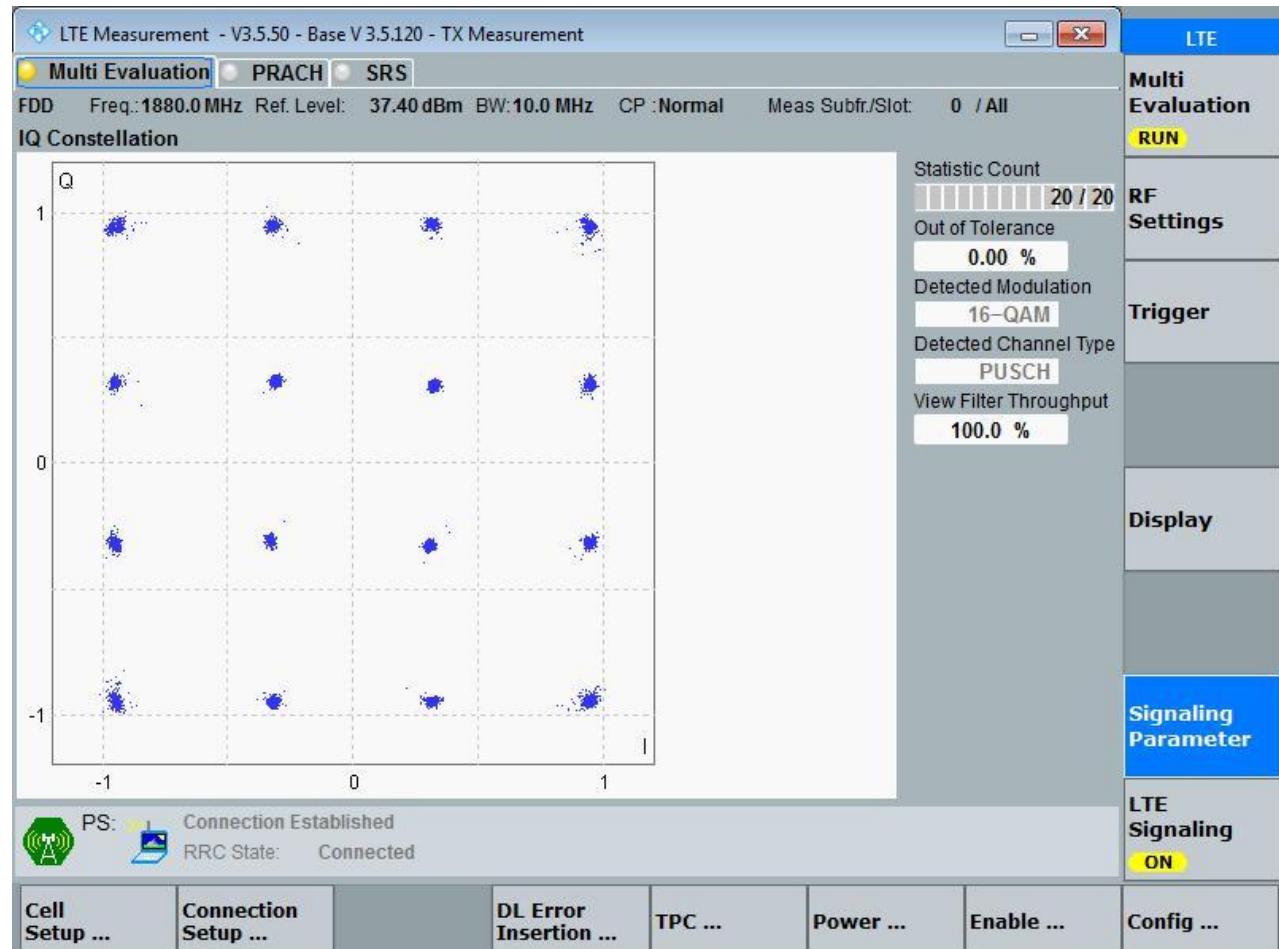
3.1.1.5 Test Mode = LTE /TM1 15MHz**3.1.1.5.1 Test Channel = MCH**

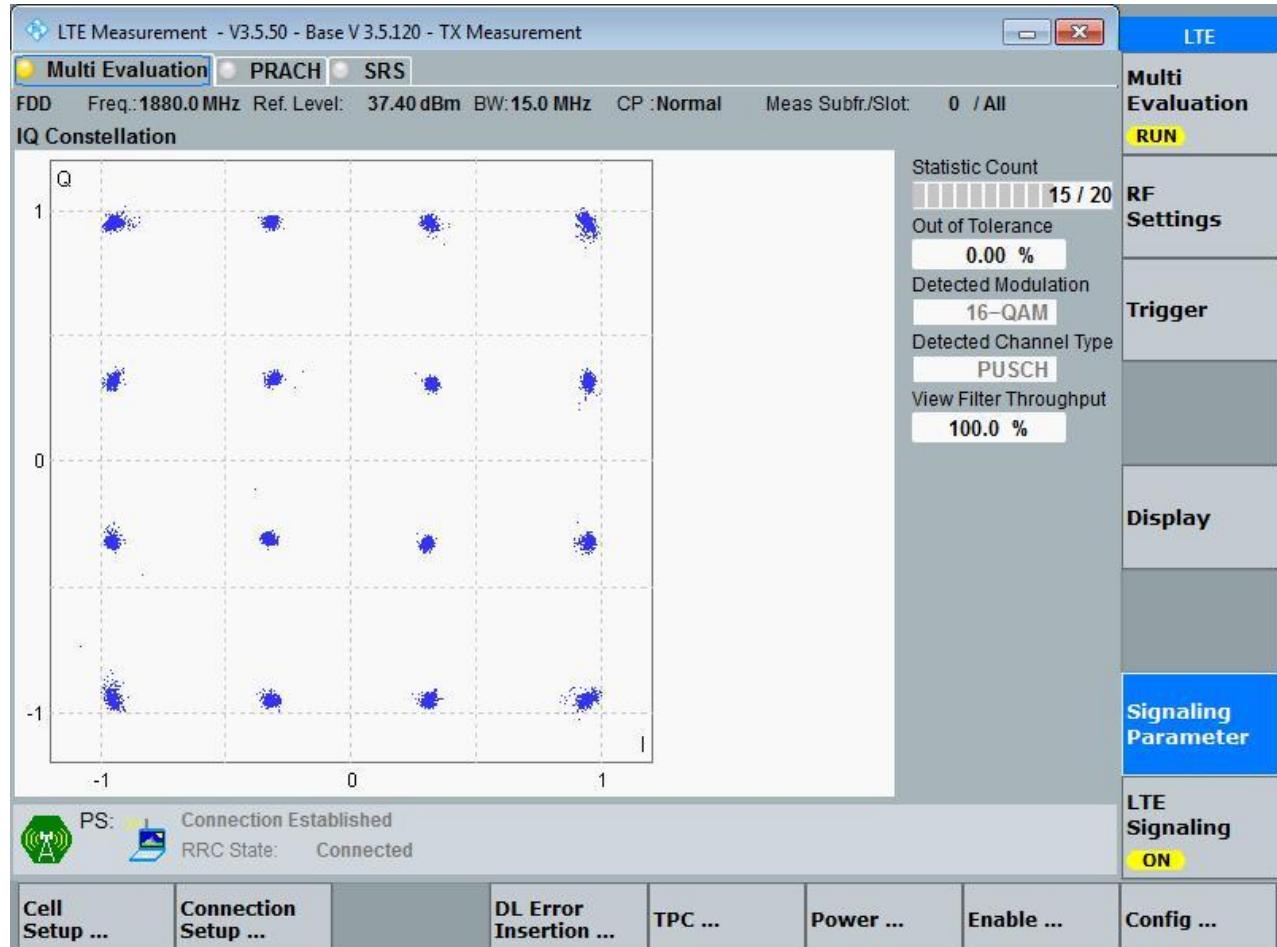
3.1.1.6 Test Mode = LTE /TM1 20MHz**3.1.1.6.1 Test Channel = MCH**

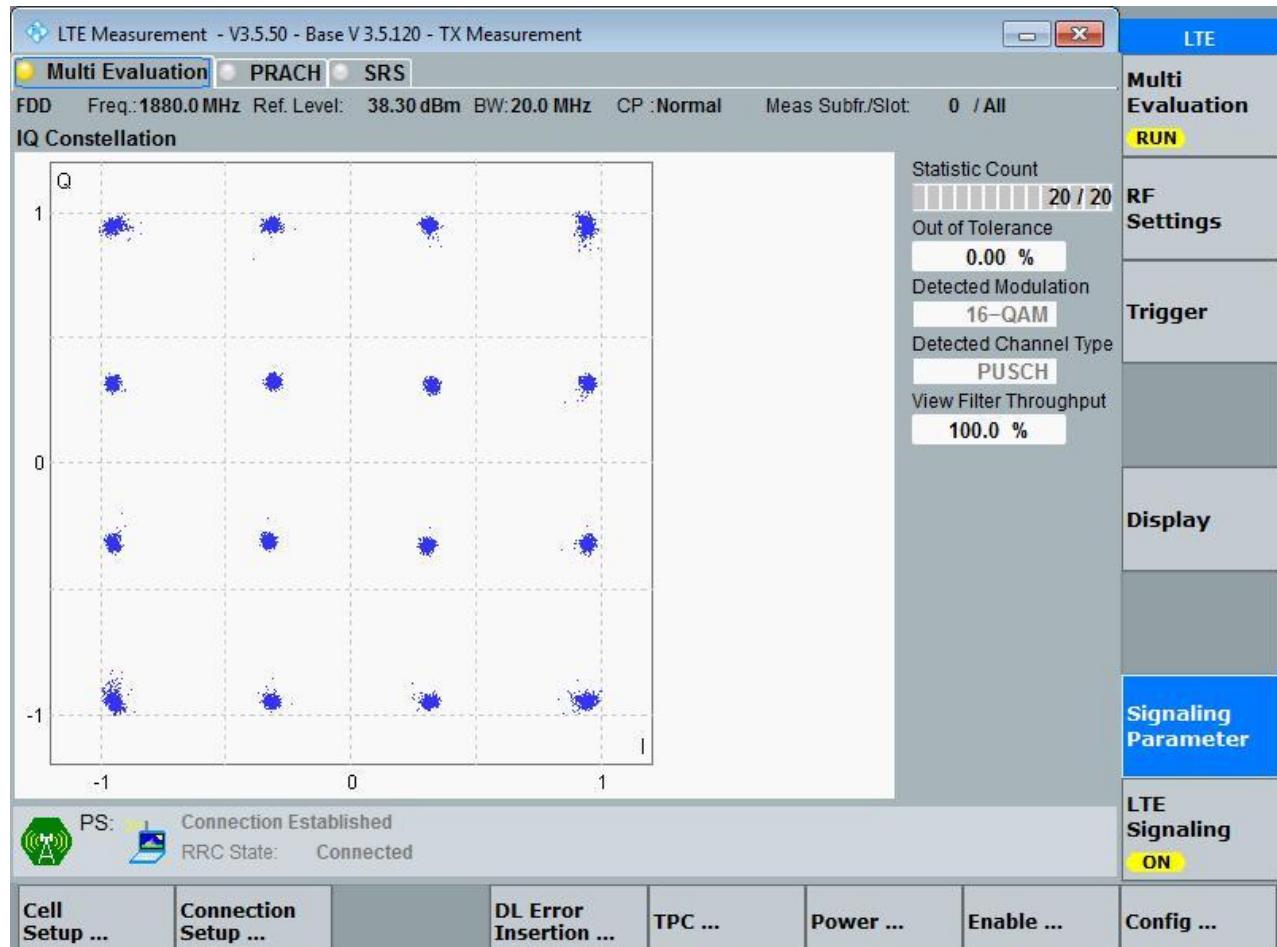
3.1.1.7 Test Mode = LTE /TM2 1.4MHz**3.1.1.7.1 Test Channel = MCH**

3.1.1.8 Test Mode = LTE /TM2 3MHz**3.1.1.8.1 Test Channel = MCH**

3.1.1.9 Test Mode = LTE /TM2 5MHz**3.1.1.9.1 Test Channel = MCH**

3.1.1.10 Test Mode = LTE /TM2 10MHz**3.1.1.10.1 Test Channel = MCH**

3.1.1.11 Test Mode = LTE /TM2 15MHz**3.1.1.11.1 Test Channel = MCH**

3.1.1.12 Test Mode = LTE /TM2 20MHz**3.1.1.12.1 Test Channel = MCH**

4 Bandwidth

Part I - Test Results

| Test Band | Test Mode | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|------------|--------------|--------------------------|--------------------------|---------|
| Band 2 | TM1/1.4MHz | LCH | 1.10 | 1.29 | PASS |
| | | MCH | 1.09 | 1.27 | PASS |
| | | HCH | 1.10 | 1.27 | PASS |
| | TM2/1.4MHz | LCH | 1.09 | 1.27 | PASS |
| | | MCH | 1.10 | 1.28 | PASS |
| | | HCH | 1.10 | 1.28 | PASS |
| | TM1/ 3MHz | LCH | 2.69 | 2.91 | PASS |
| | | MCH | 2.69 | 2.91 | PASS |
| | | HCH | 2.69 | 2.92 | PASS |
| | TM2/3MHz | LCH | 2.69 | 2.92 | PASS |
| | | MCH | 2.69 | 2.93 | PASS |
| | | HCH | 2.69 | 2.92 | PASS |
| | TM1/ 5MHz | LCH | 4.50 | 4.99 | PASS |
| | | MCH | 4.49 | 4.99 | PASS |
| | | HCH | 4.49 | 4.99 | PASS |
| | TM2/ 5MHz | LCH | 4.49 | 5.00 | PASS |
| | | MCH | 4.49 | 4.93 | PASS |
| | | HCH | 4.49 | 4.99 | PASS |
| | TM1/10MHz | LCH | 8.91 | 9.65 | PASS |
| | | MCH | 8.97 | 9.83 | PASS |
| | | HCH | 8.95 | 9.79 | PASS |
| | TM2/ 10MHz | LCH | 8.95 | 9.69 | PASS |
| | | MCH | 8.93 | 9.63 | PASS |
| | | HCH | 8.95 | 9.77 | PASS |
| | TM1/ 15MHz | LCH | 13.46 | 14.84 | PASS |
| | | MCH | 13.52 | 14.96 | PASS |
| | | HCH | 13.52 | 15.05 | PASS |
| | TM2/ 15MHz | LCH | 13.46 | 14.84 | PASS |
| | | MCH | 13.52 | 14.96 | PASS |
| | | HCH | 13.55 | 14.96 | PASS |
| | TM1/ 20MHz | LCH | 17.90 | 19.38 | PASS |
| | | MCH | 17.94 | 19.42 | PASS |
| | | HCH | 18.02 | 19.70 | PASS |

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| Test Band | Test Mode | Test Channel | Occupied Bandwidth [MHz] | Emission Bandwidth [MHz] | Verdict |
|-----------|------------|--------------|--------------------------|--------------------------|---------|
| | TM2/ 20MHz | LCH | 17.94 | 19.58 | PASS |
| | | MCH | 17.94 | 19.50 | PASS |
| | | HCH | 18.02 | 19.70 | PASS |

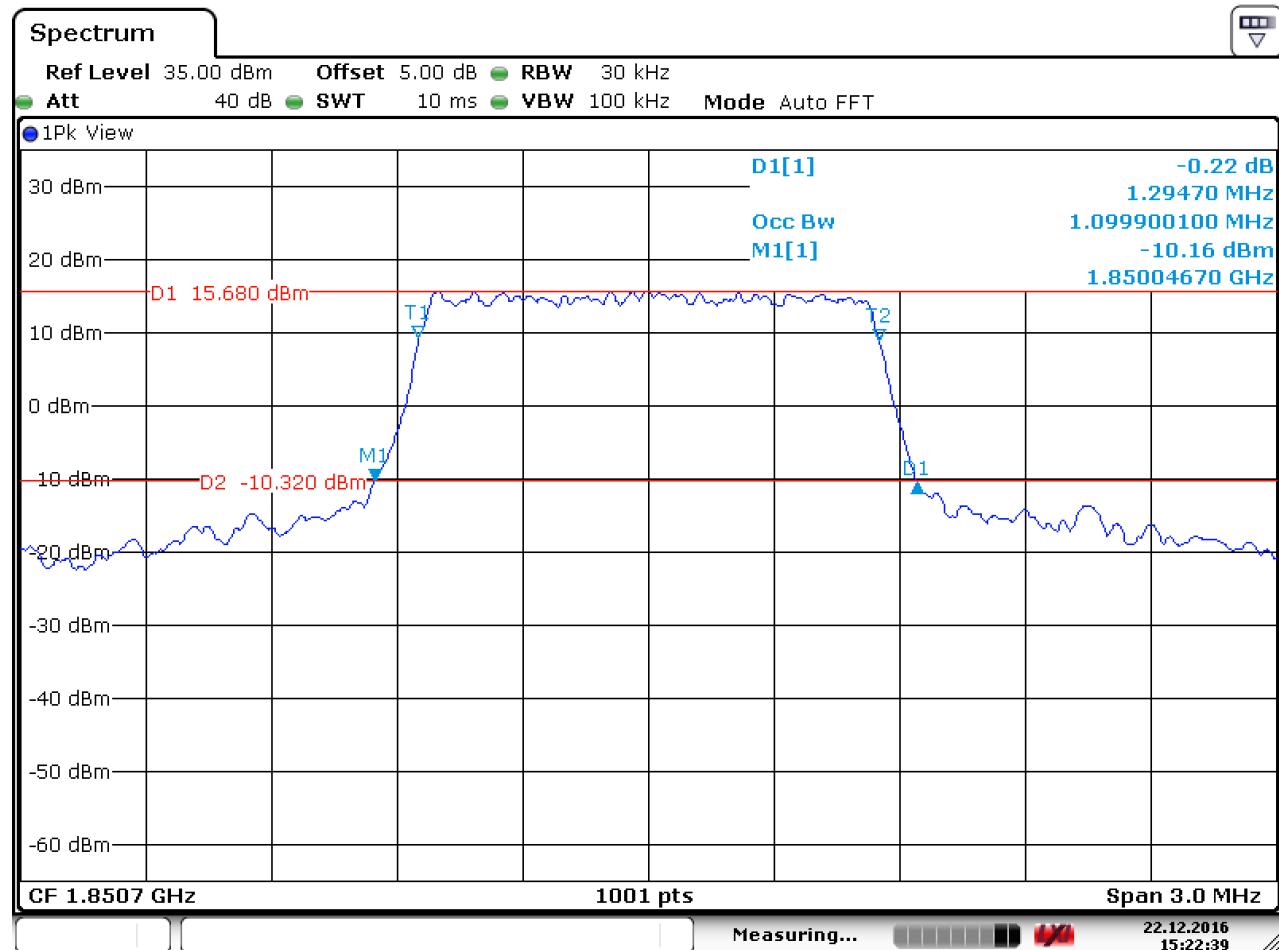
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4.1 For LTE

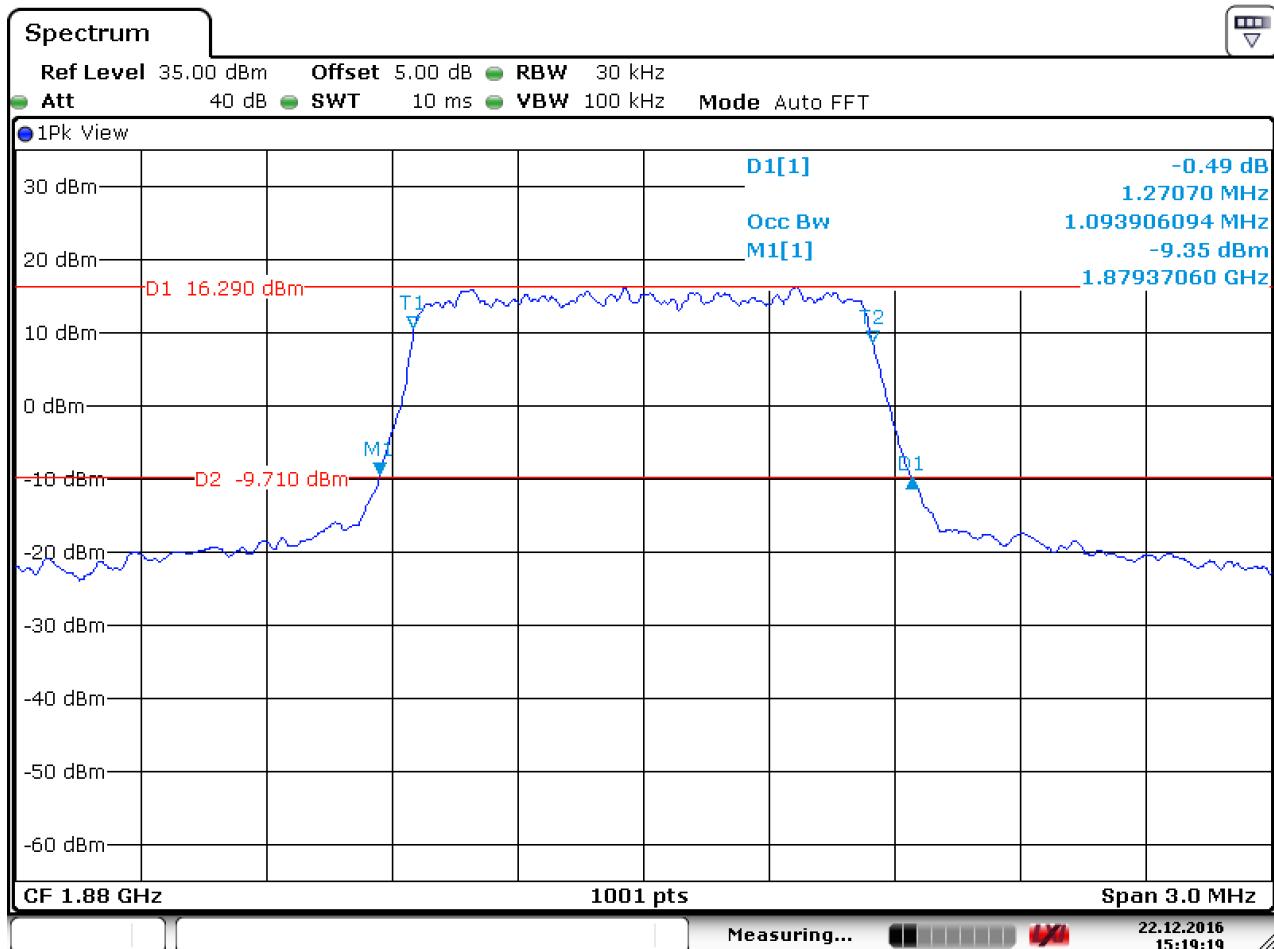
4.1.1 Test Band = LTE band2

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

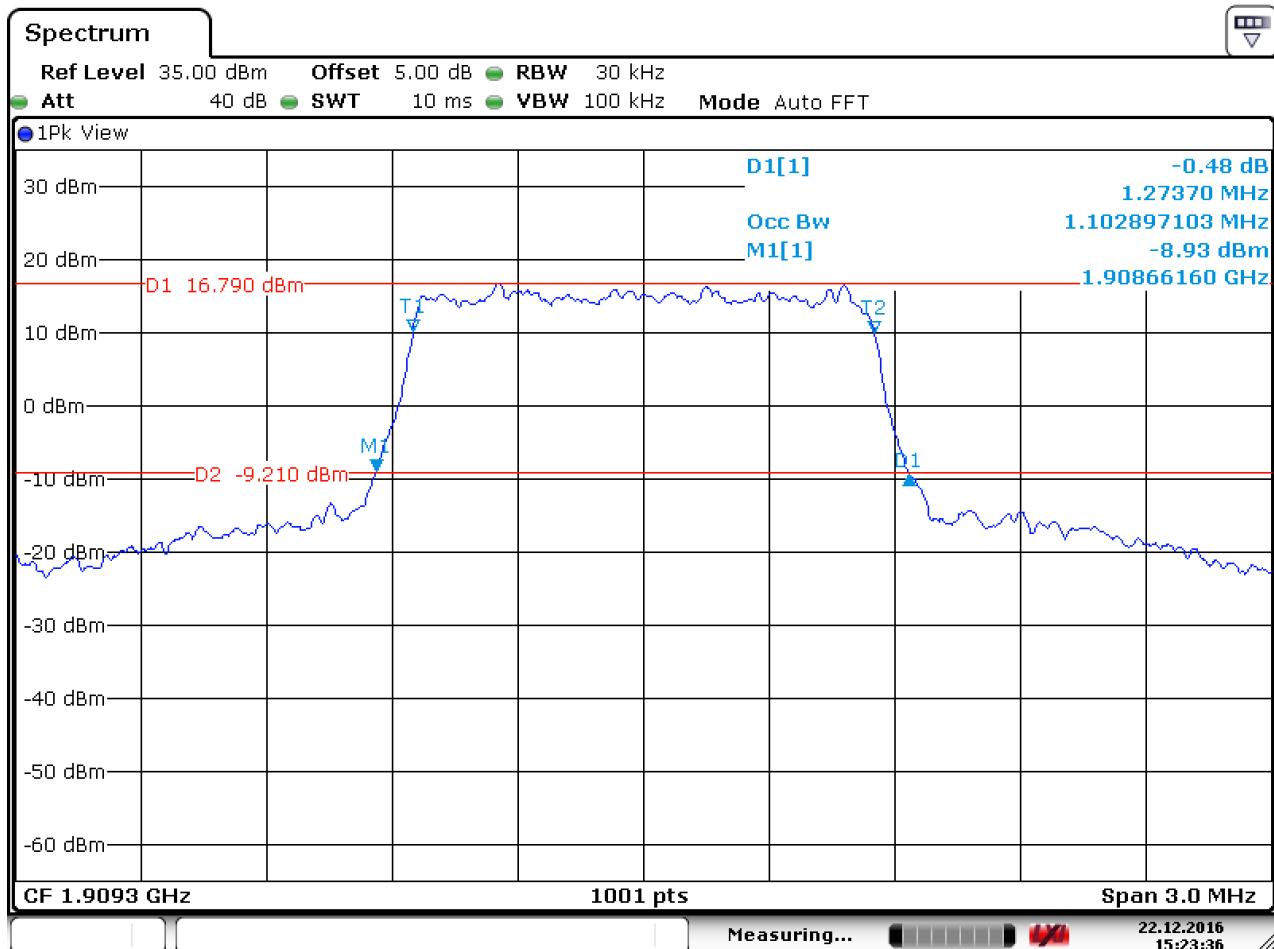
4.1.1.1.1 Test Channel = LCH



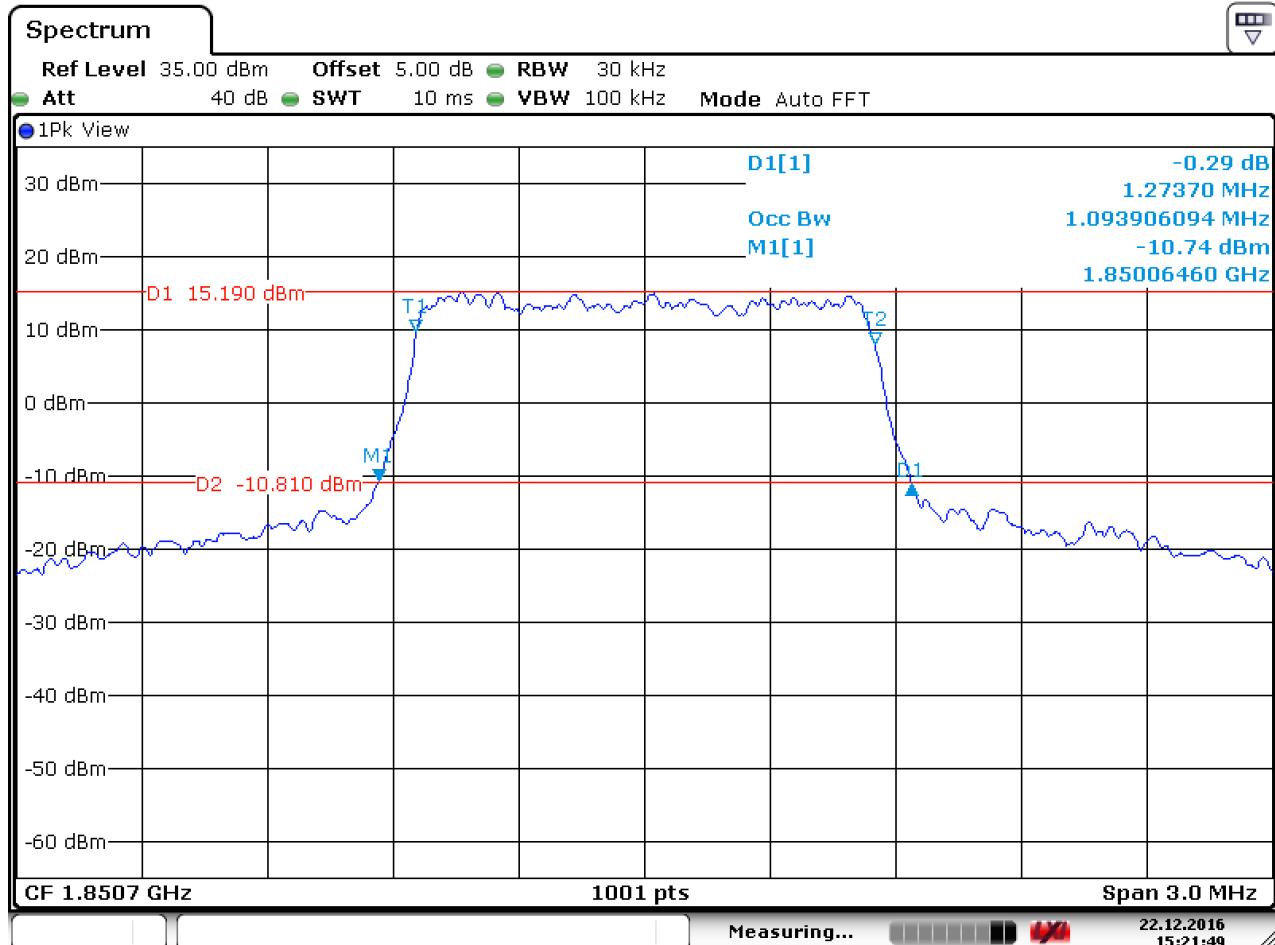
Date: 22.DEC.2016 15:22:39

4.1.1.1.2 Test Channel = MCH

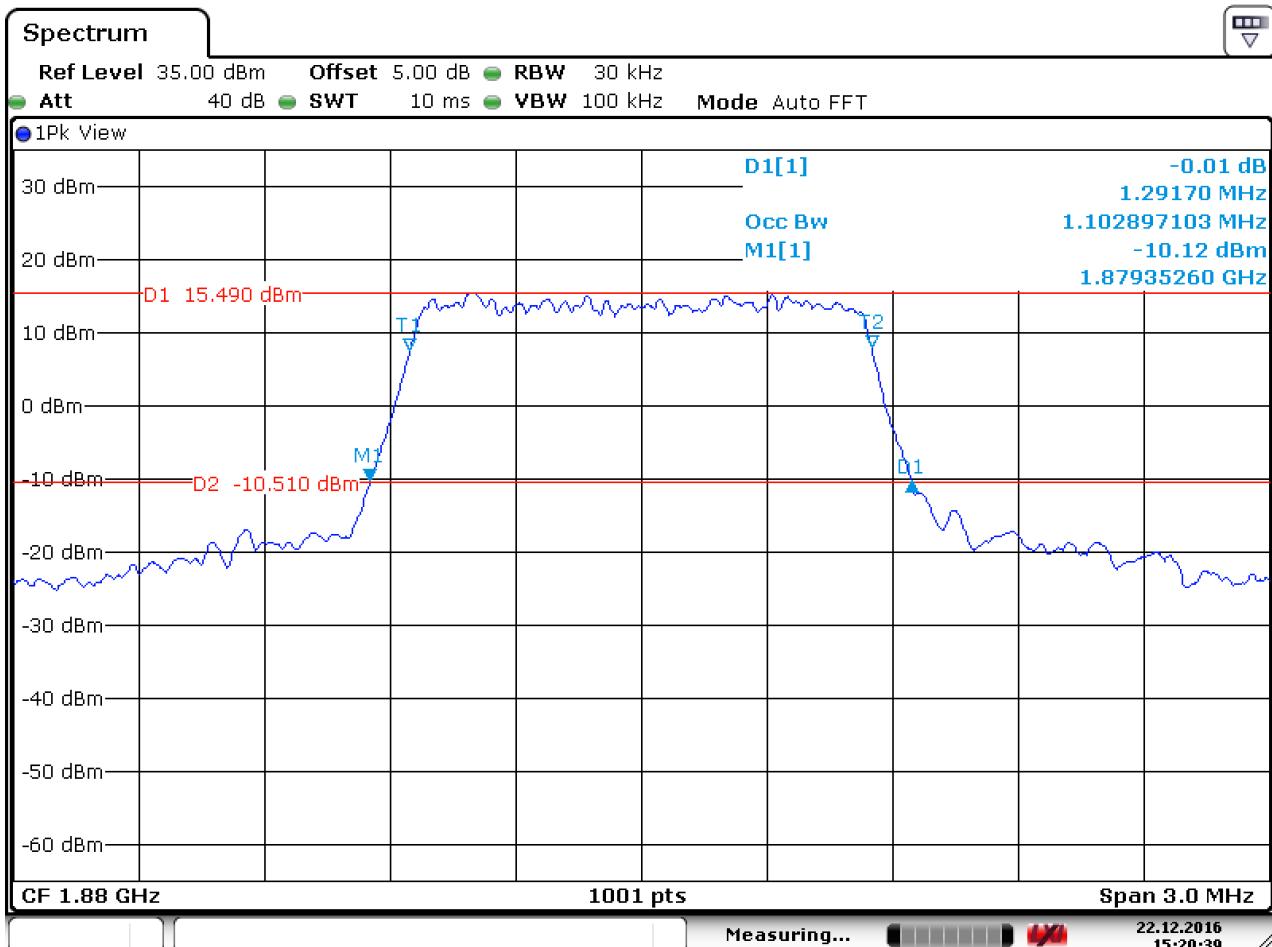
Date: 22.DEC.2016 15:19:20

4.1.1.1.3 Test Channel = HCH

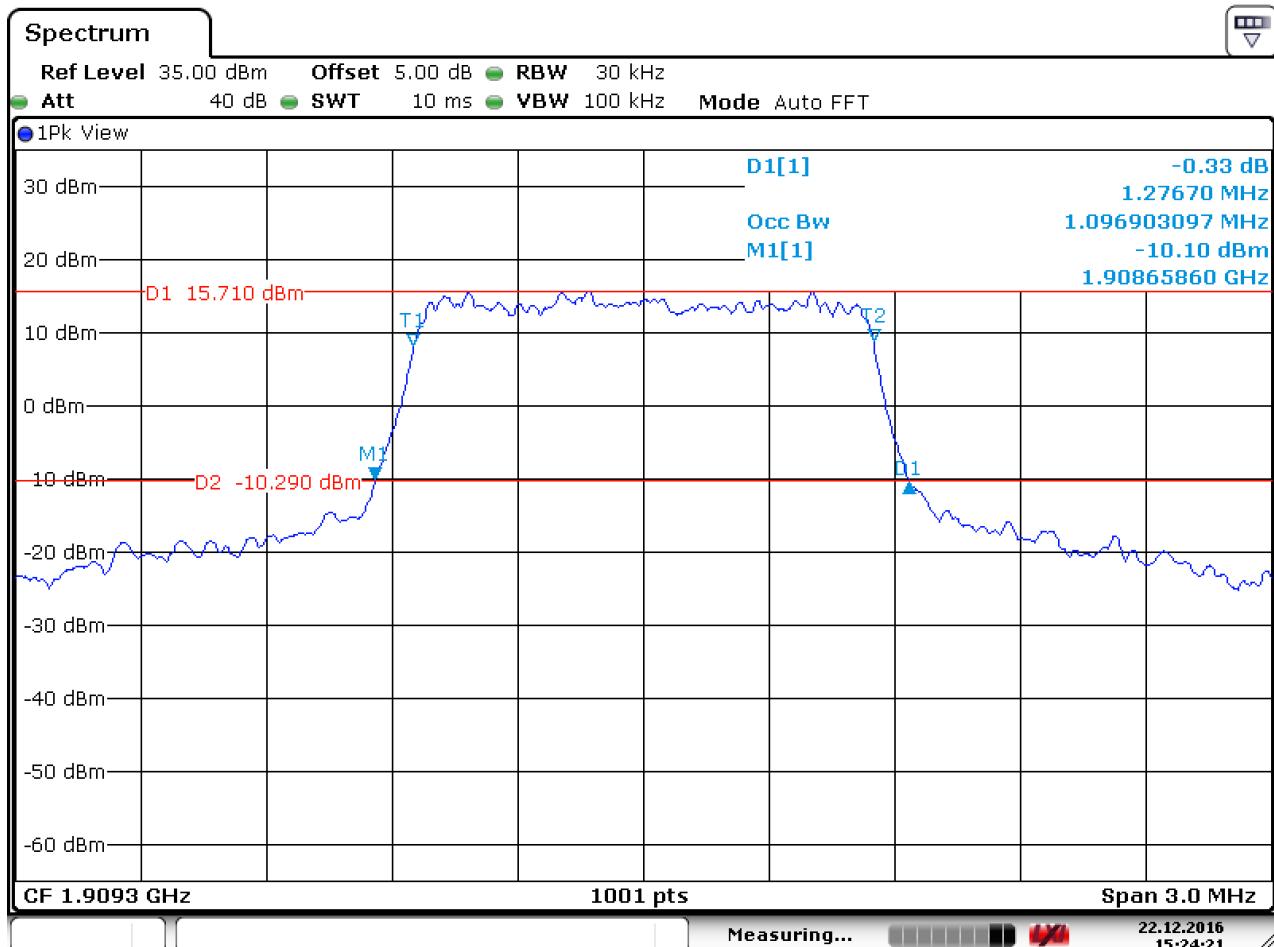
Date: 22.DEC.2016 15:23:36

4.1.1.2 Test Mode = LTE/TM2 1.4MHz**4.1.1.2.1 Test Channel = LCH**

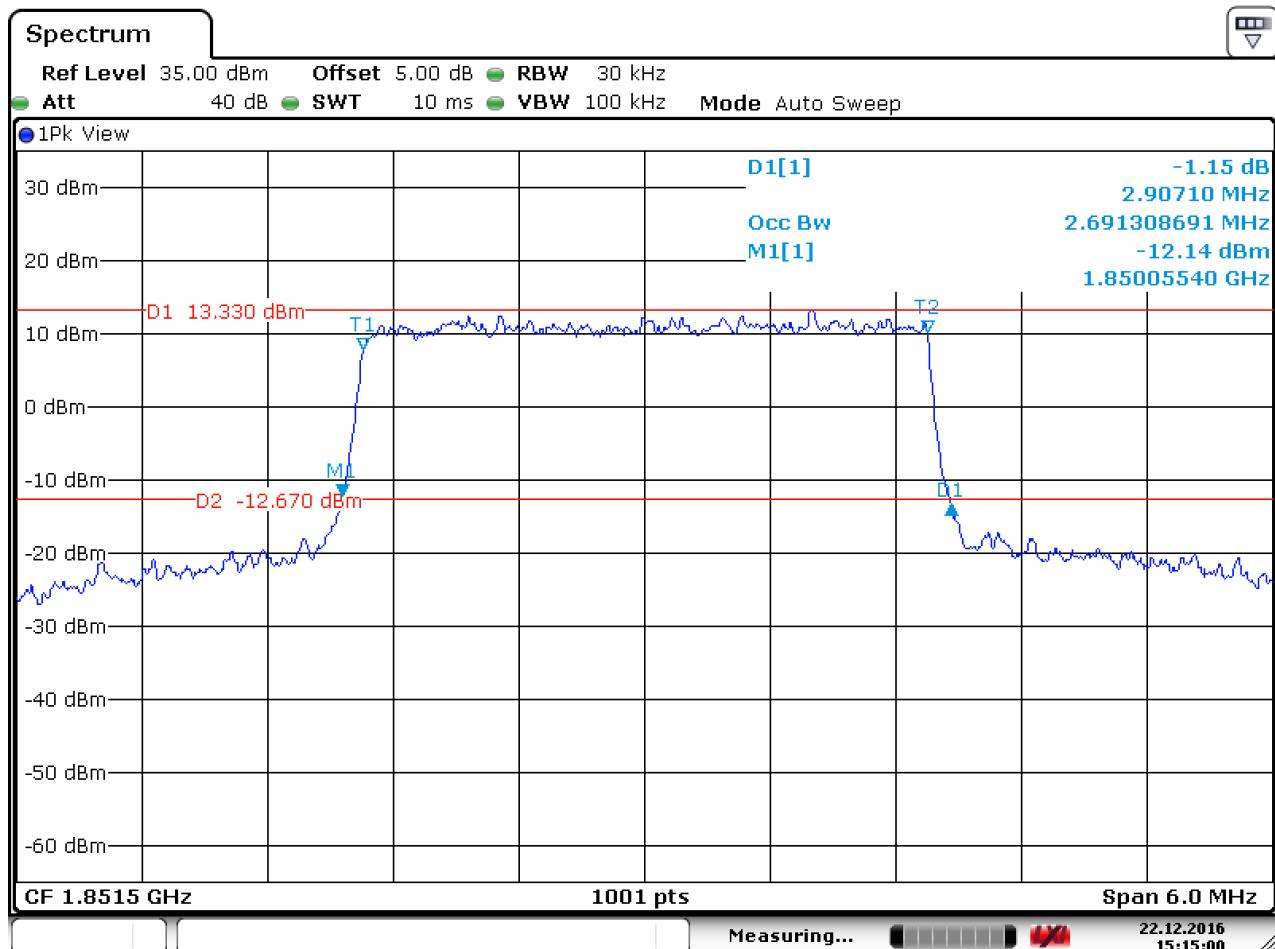
Date: 22.DEC.2016 15:21:50

4.1.1.2.2 Test Channel = MCH

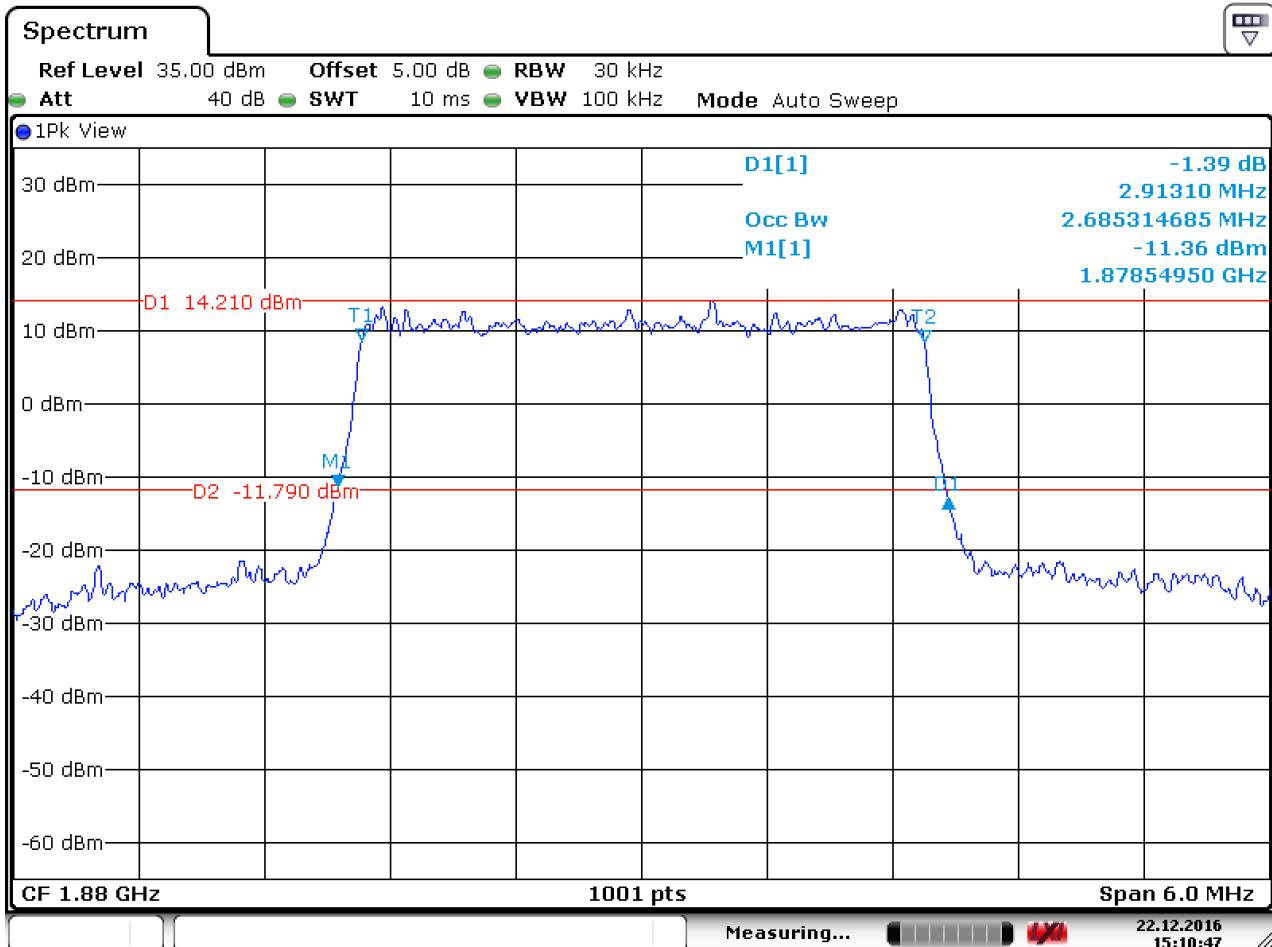
Date: 22.DEC.2016 15:20:40

4.1.1.2.3 Test Channel = HCH

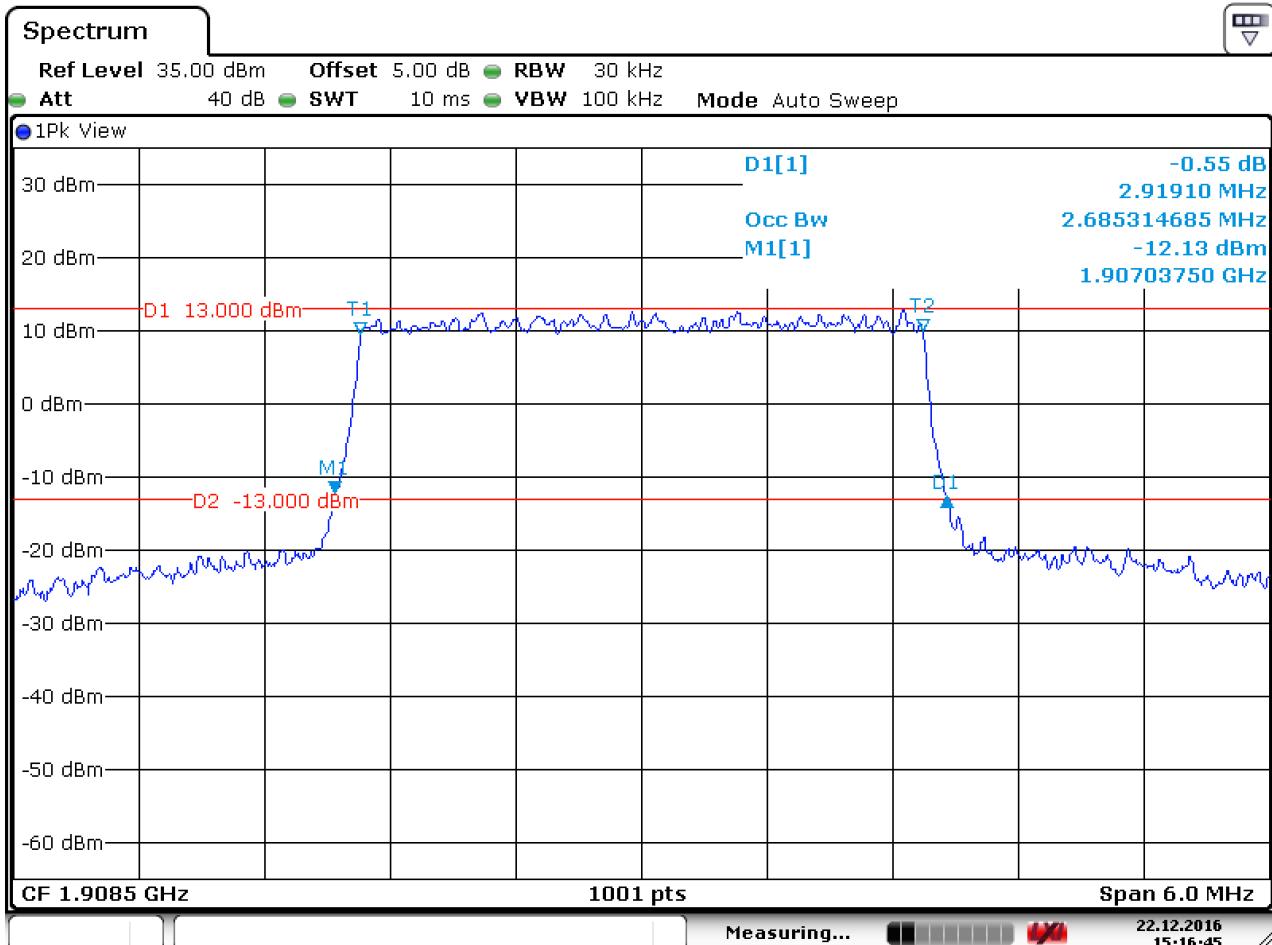
Date: 22.DEC.2016 15:24:22

4.1.1.3 Test Mode = LTE/TM1 3MHz**4.1.1.3.1 Test Channel = LCH**

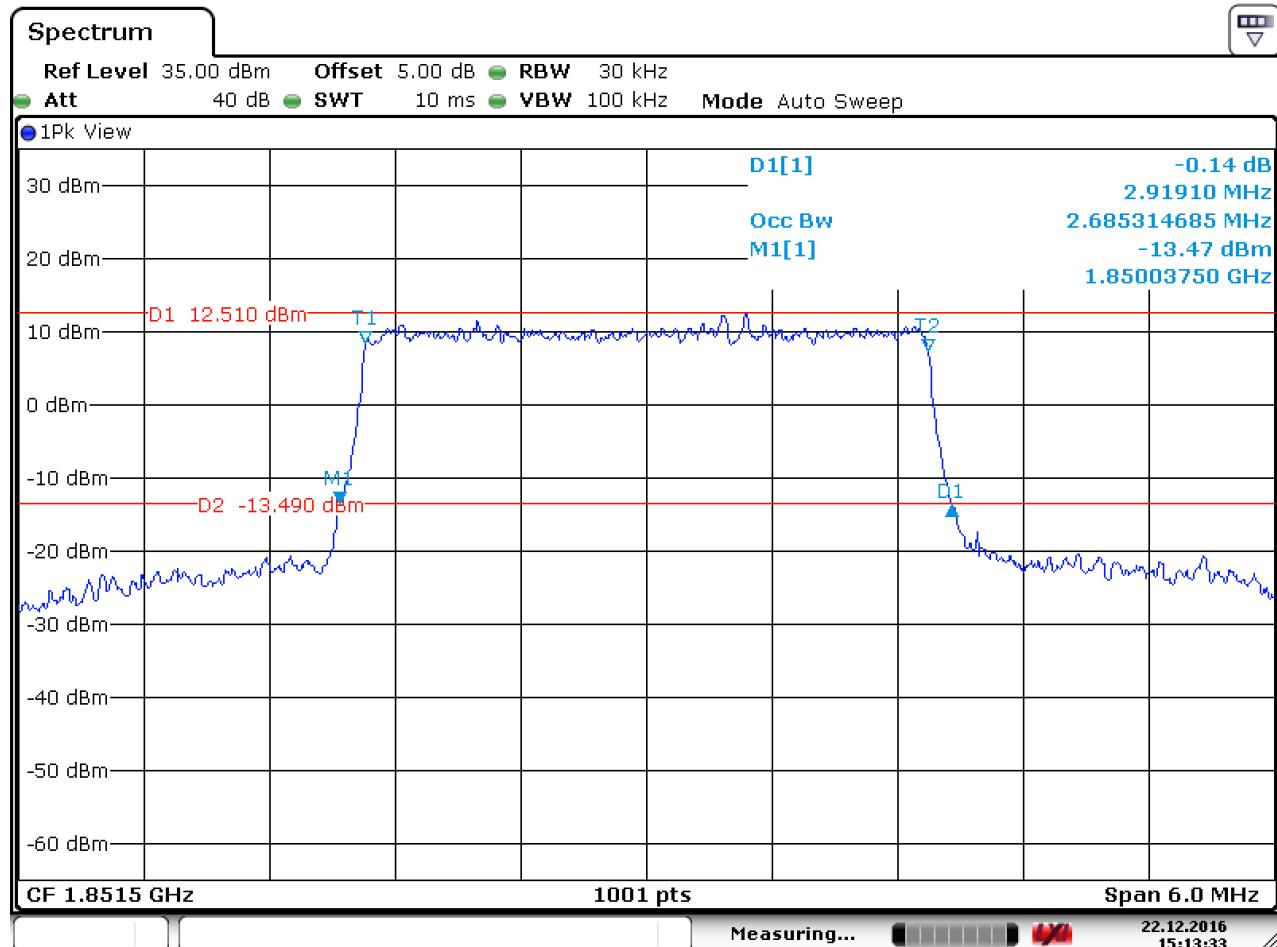
Date: 22.DEC.2016 15:15:00

4.1.1.3.2 Test Channel = MCH

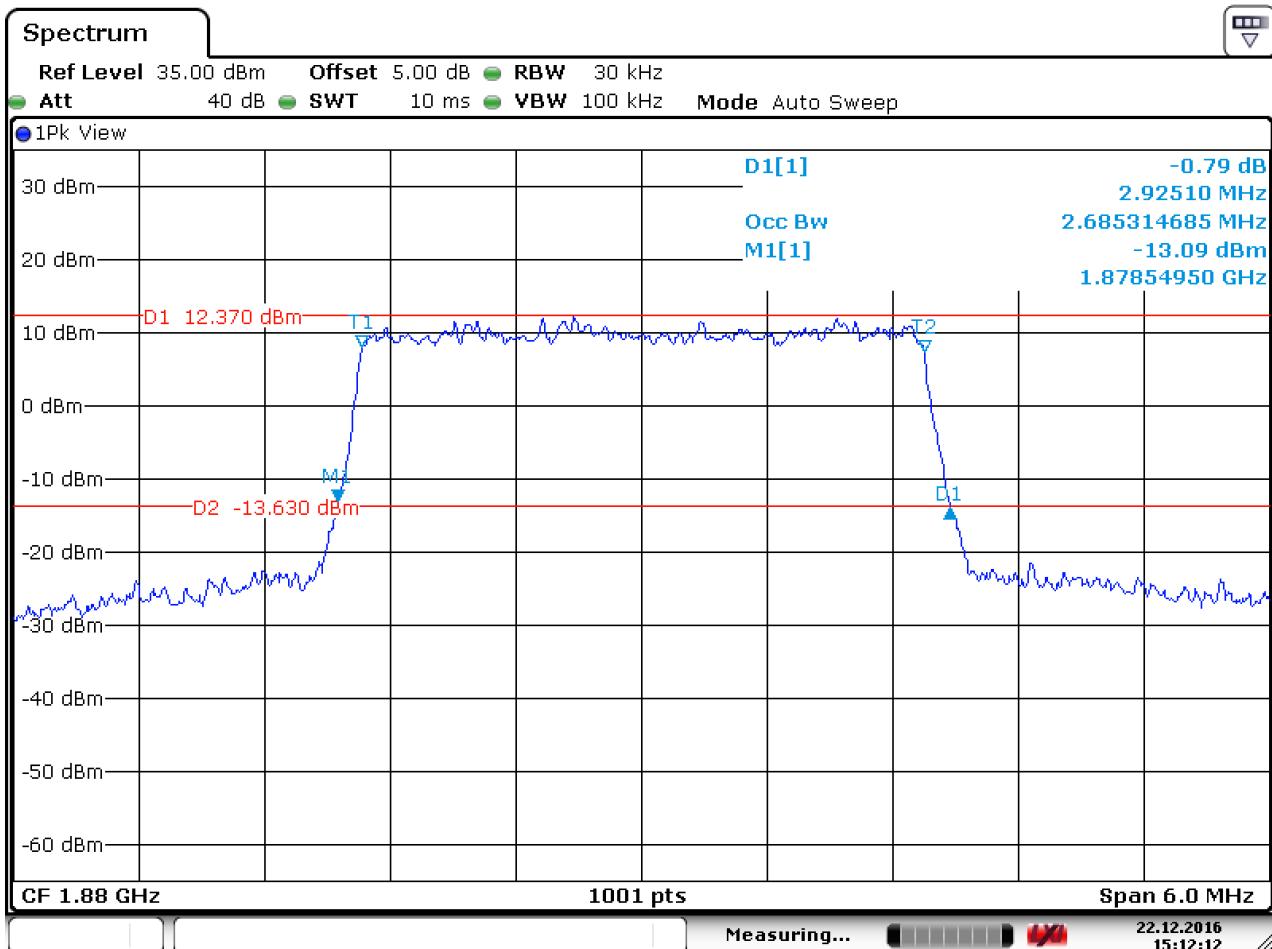
Date: 22.DEC.2016 15:10:48

4.1.1.3.3 Test Channel = HCH

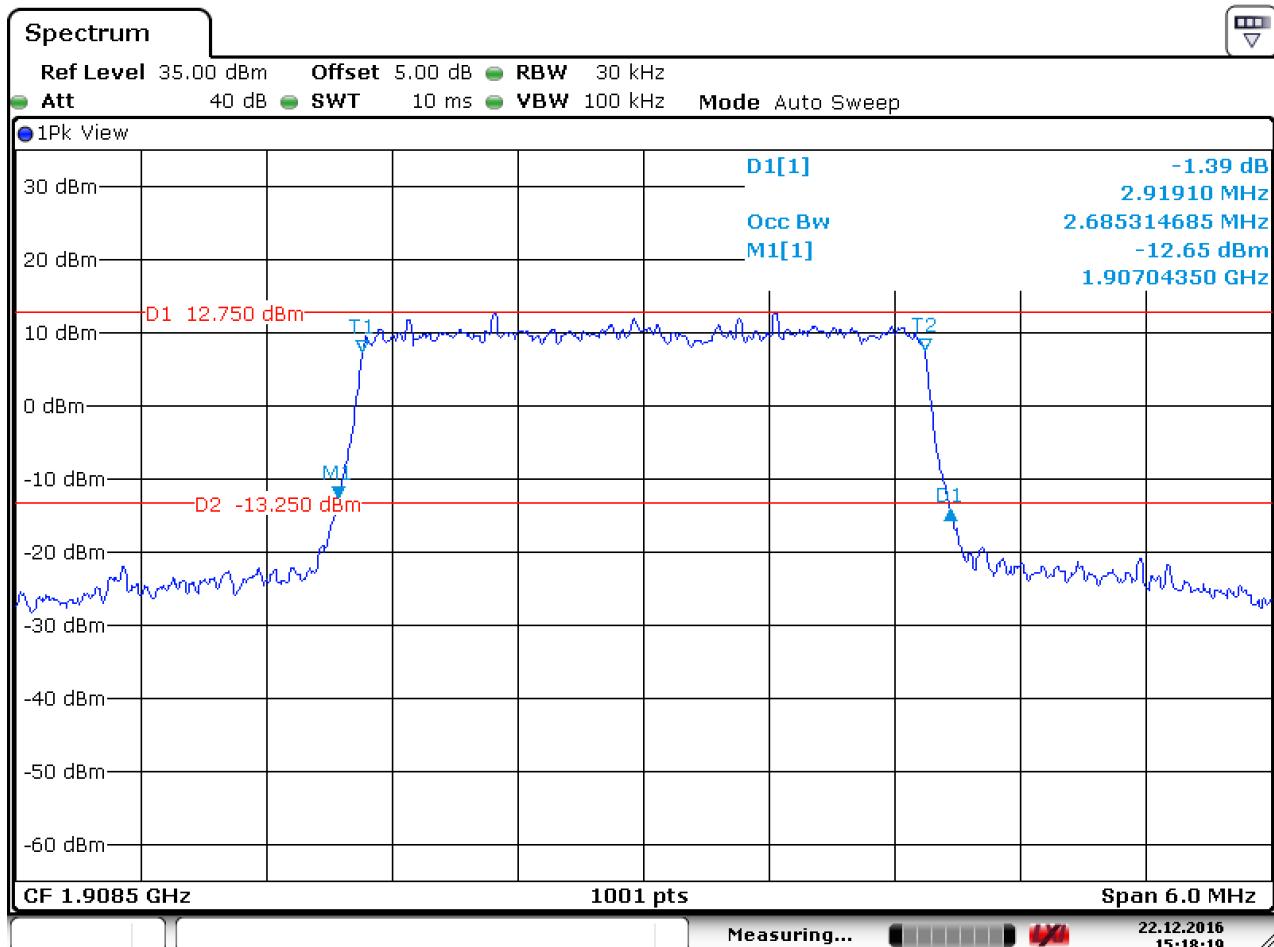
Date: 22.DEC.2016 15:16:45

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

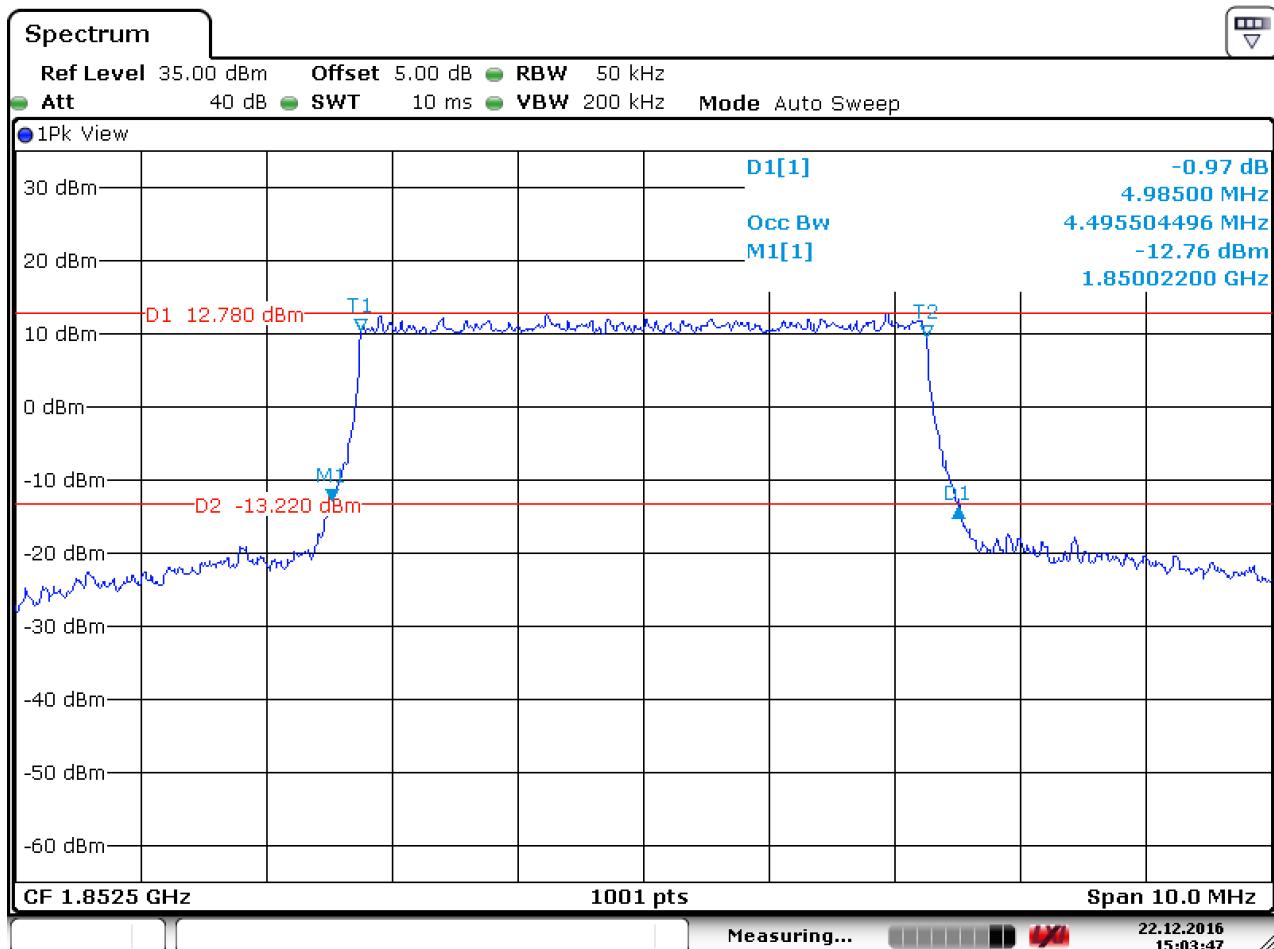
Date: 22.DEC.2016 15:13:33

4.1.1.4.2 Test Channel = MCH

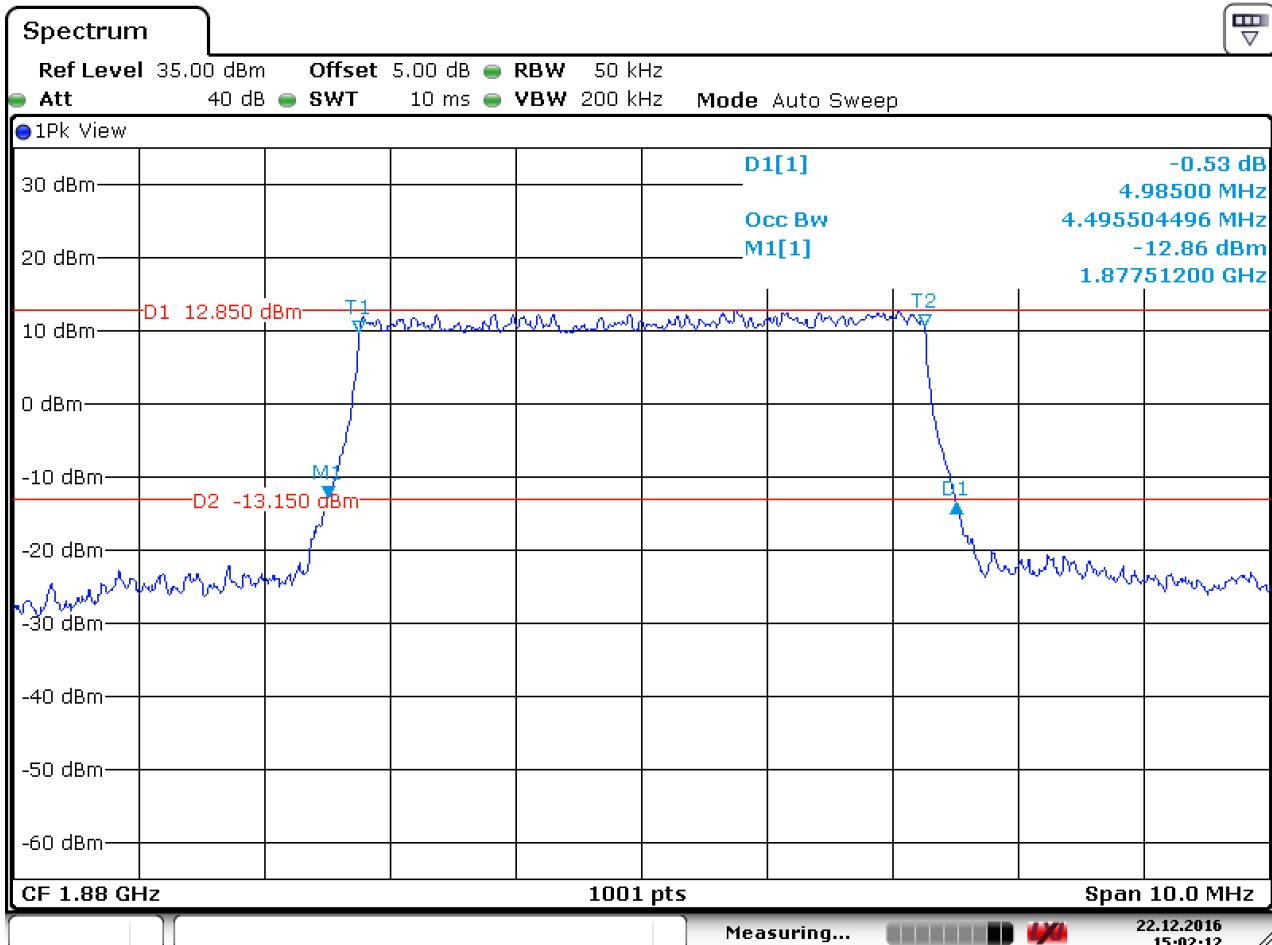
Date: 22.DEC.2016 15:12:13

4.1.1.4.3 Test Channel = HCH

Date: 22.DEC.2016 15:18:20

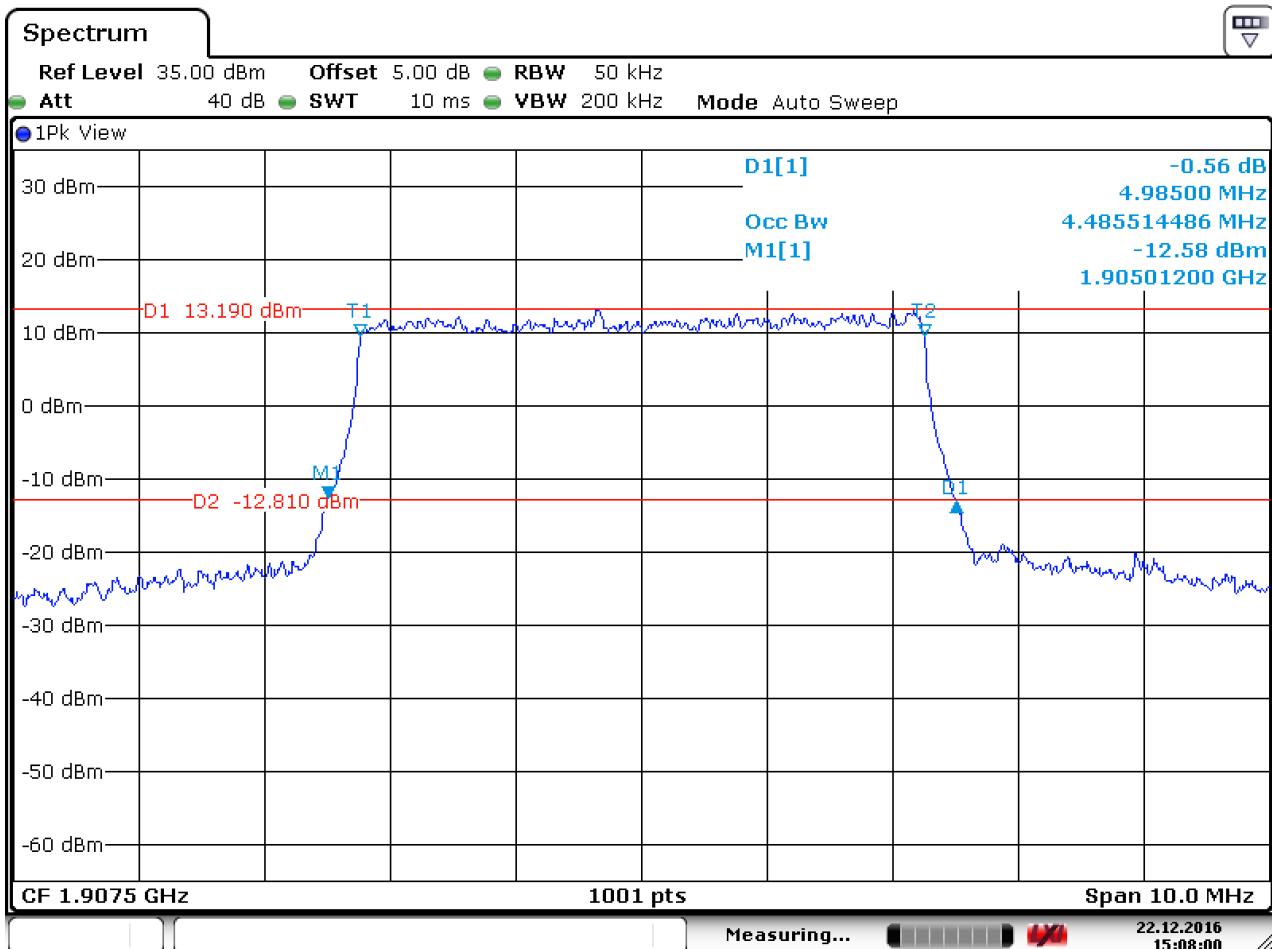
4.1.1.5 Test Mode = LTE/TM1 5MHz**4.1.1.5.1 Test Channel = LCH**

Date: 22.DEC.2016 15:03:47

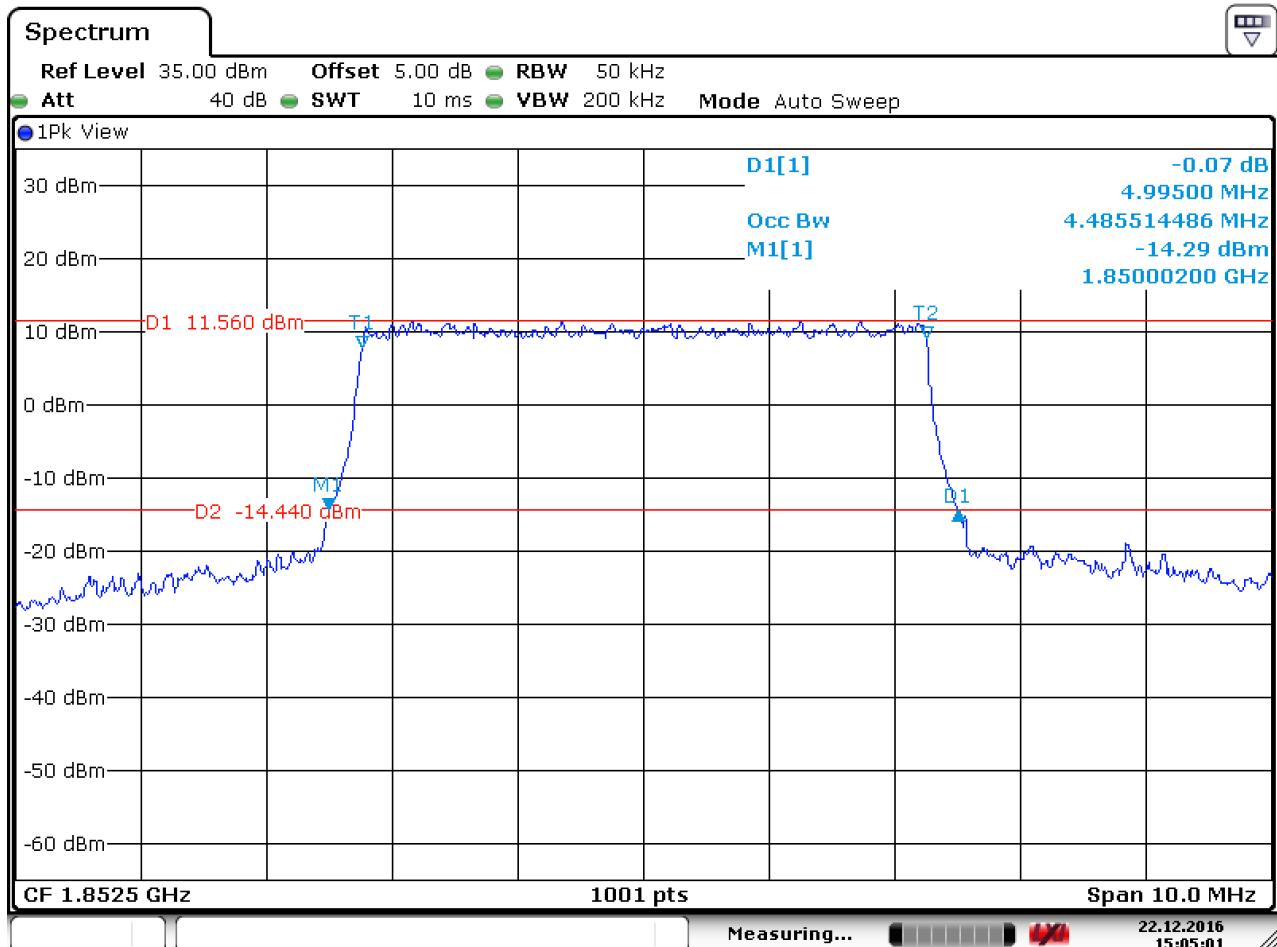
4.1.1.5.2 Test Channel = MCH

Date: 22.DEC.2016 15:02:12

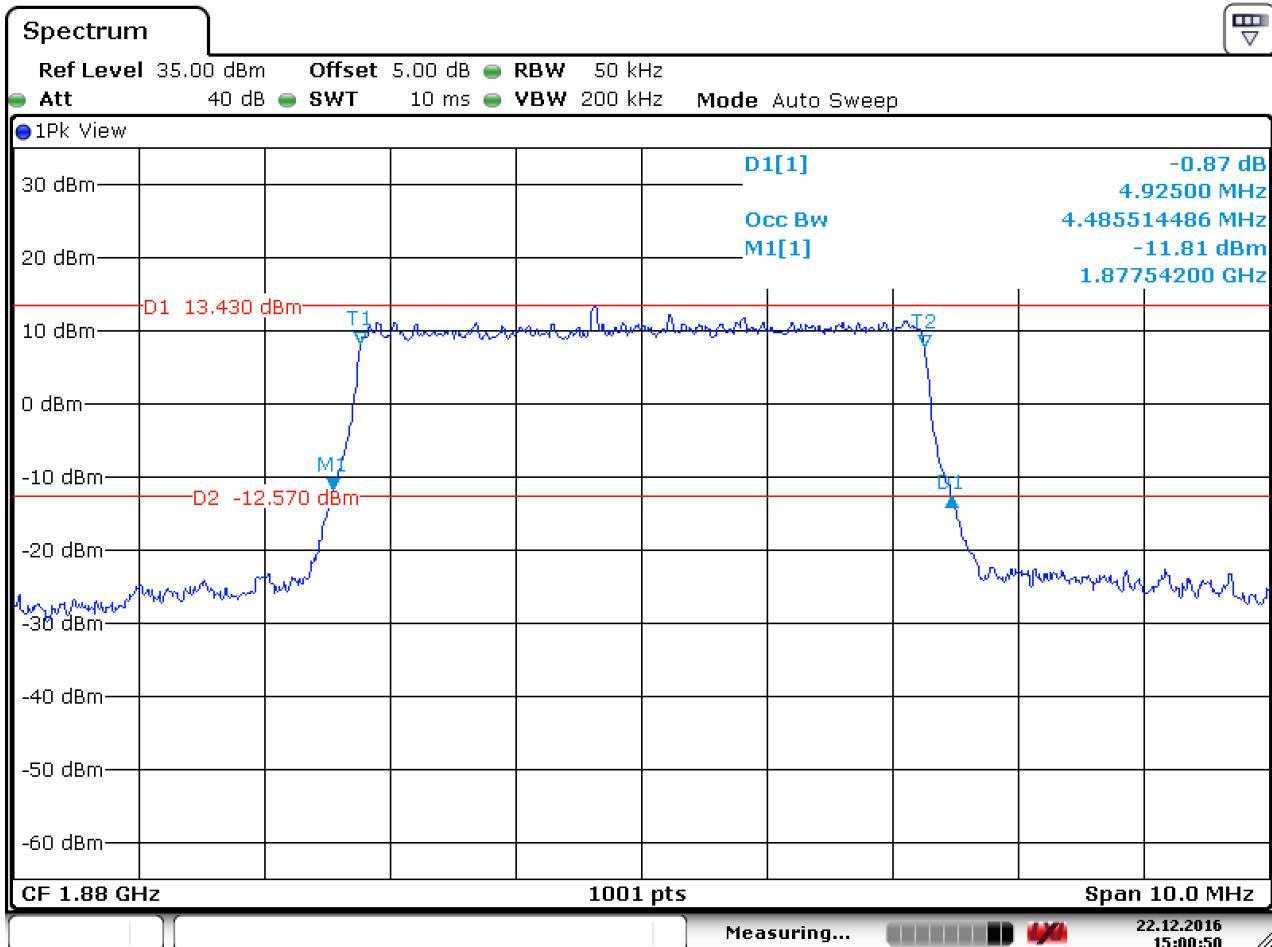
4.1.1.5.3 Test Channel = HCH



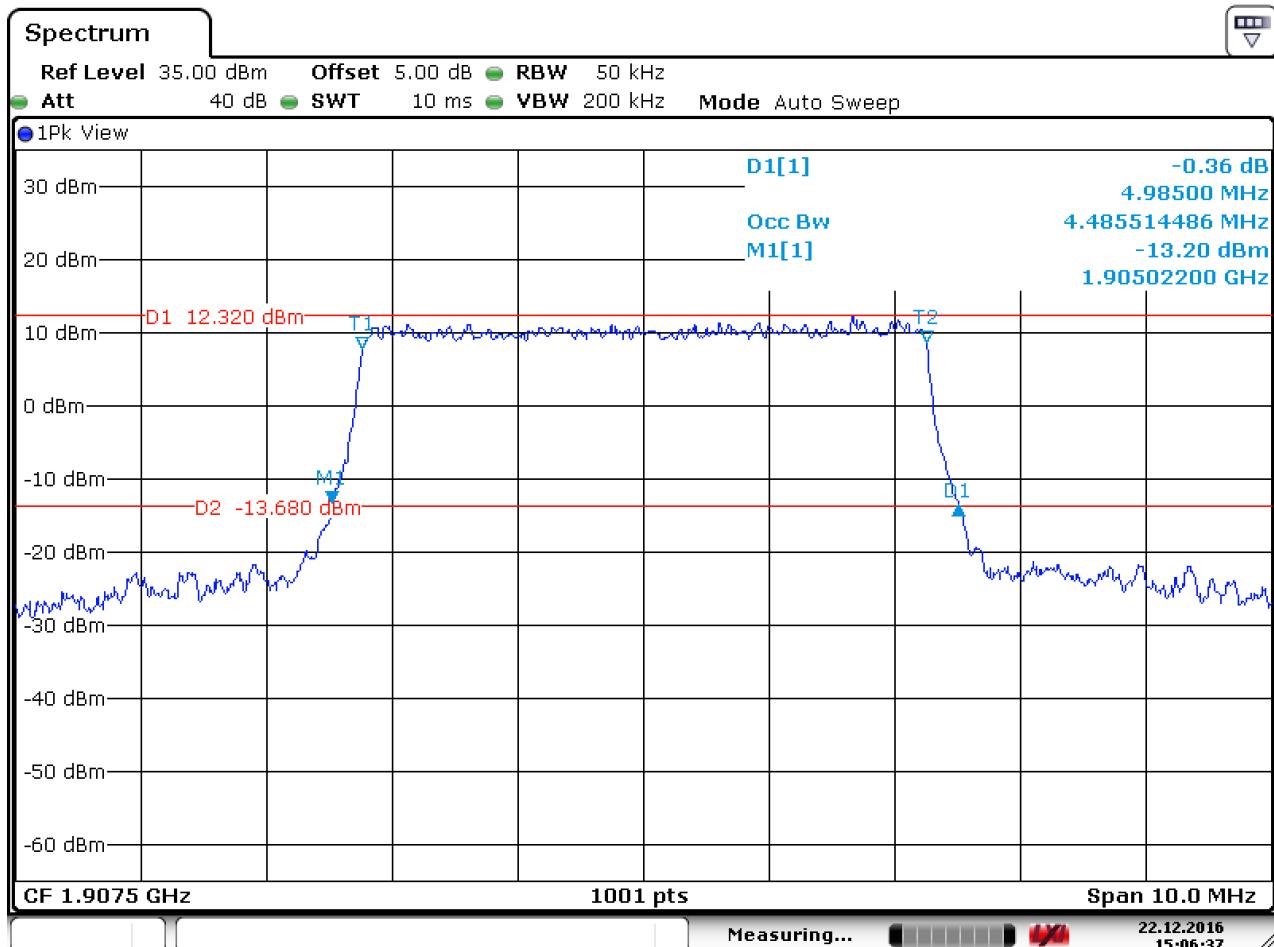
Date: 22.DEC.2016 15:08:00

4.1.1.6 Test Mode = LTE/TM2 5MHz**4.1.1.6.1 Test Channel = LCH**

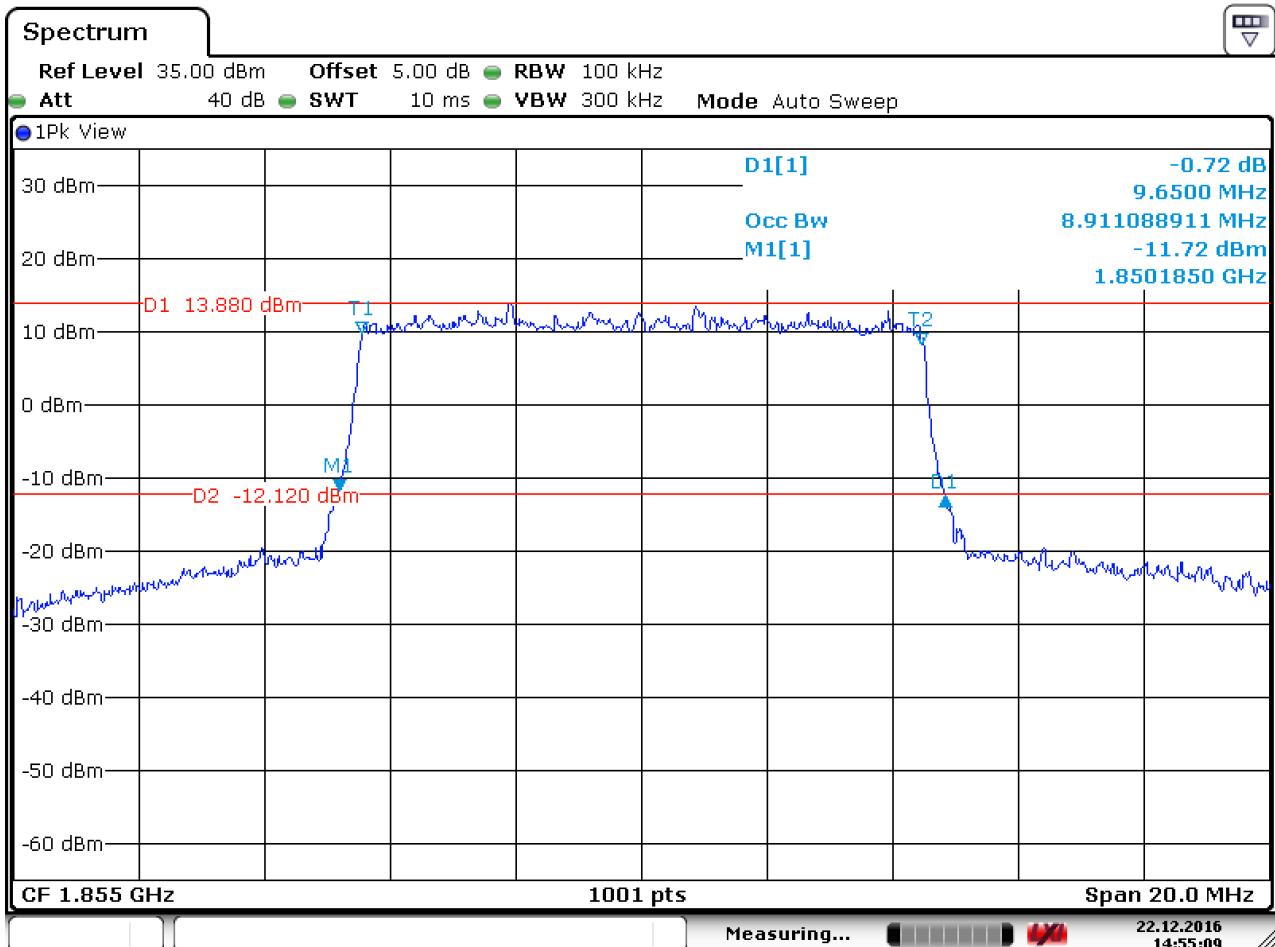
Date: 22.DEC.2016 15:05:02

4.1.1.6.2 Test Channel = MCH

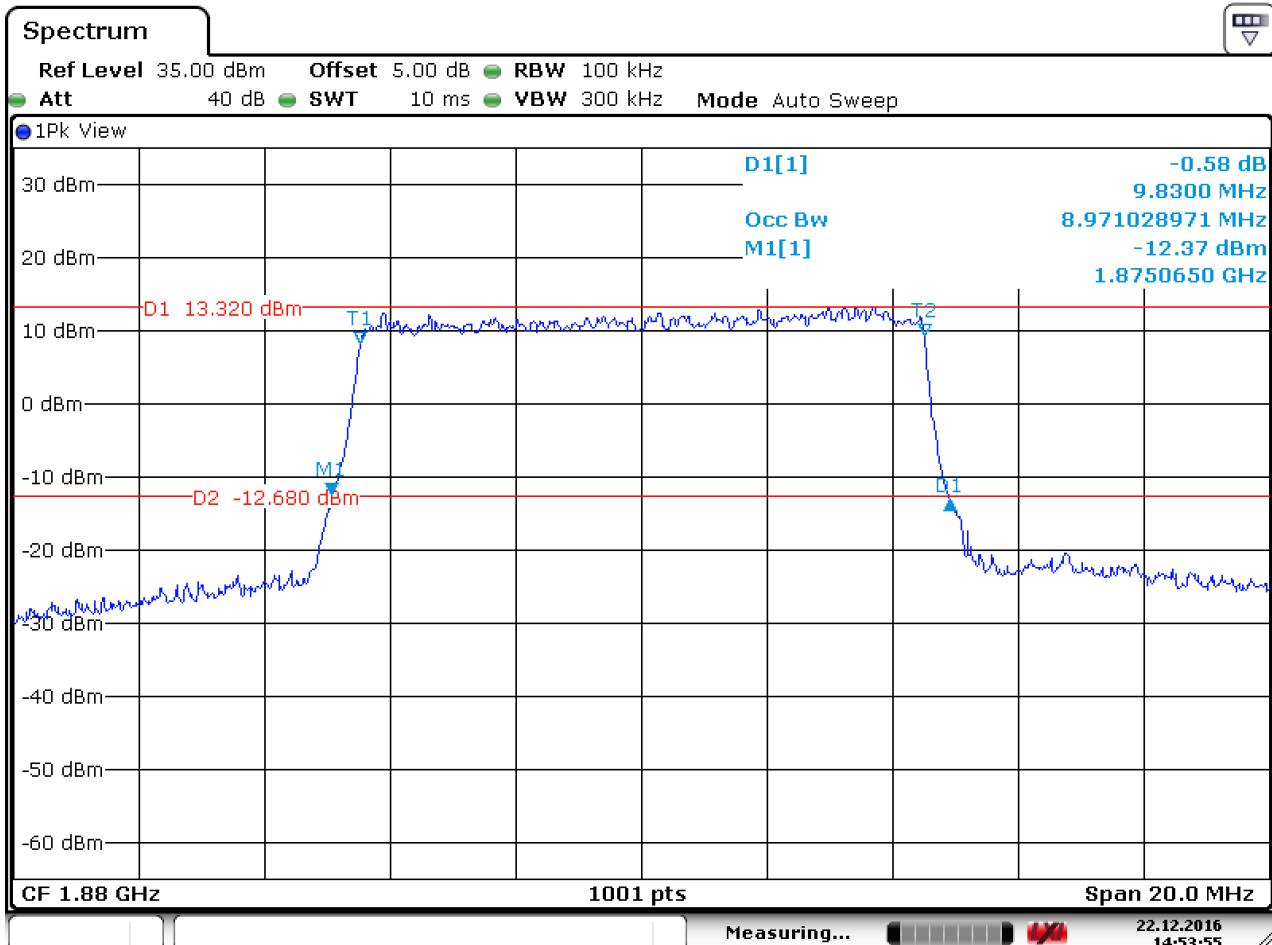
Date: 22.DEC.2016 15:00:50

4.1.1.6.3 Test Channel = HCH

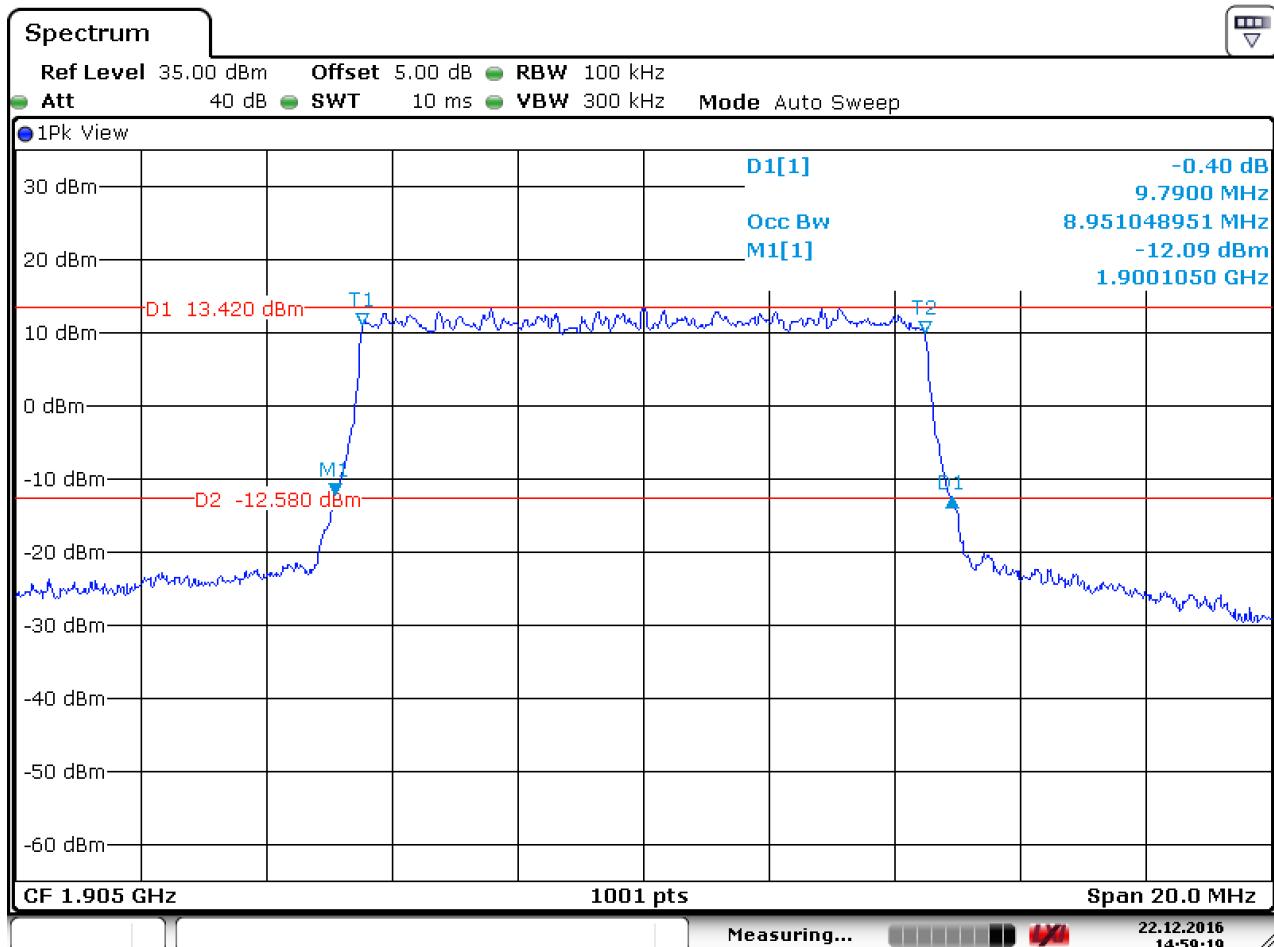
Date: 22.DEC.2016 15:06:37

4.1.1.7 Test Mode = LTE/TM1 10MHz**4.1.1.7.1 Test Channel = LCH**

Date: 22.DEC.2016 14:55:10

4.1.1.7.2 Test Channel = MCH

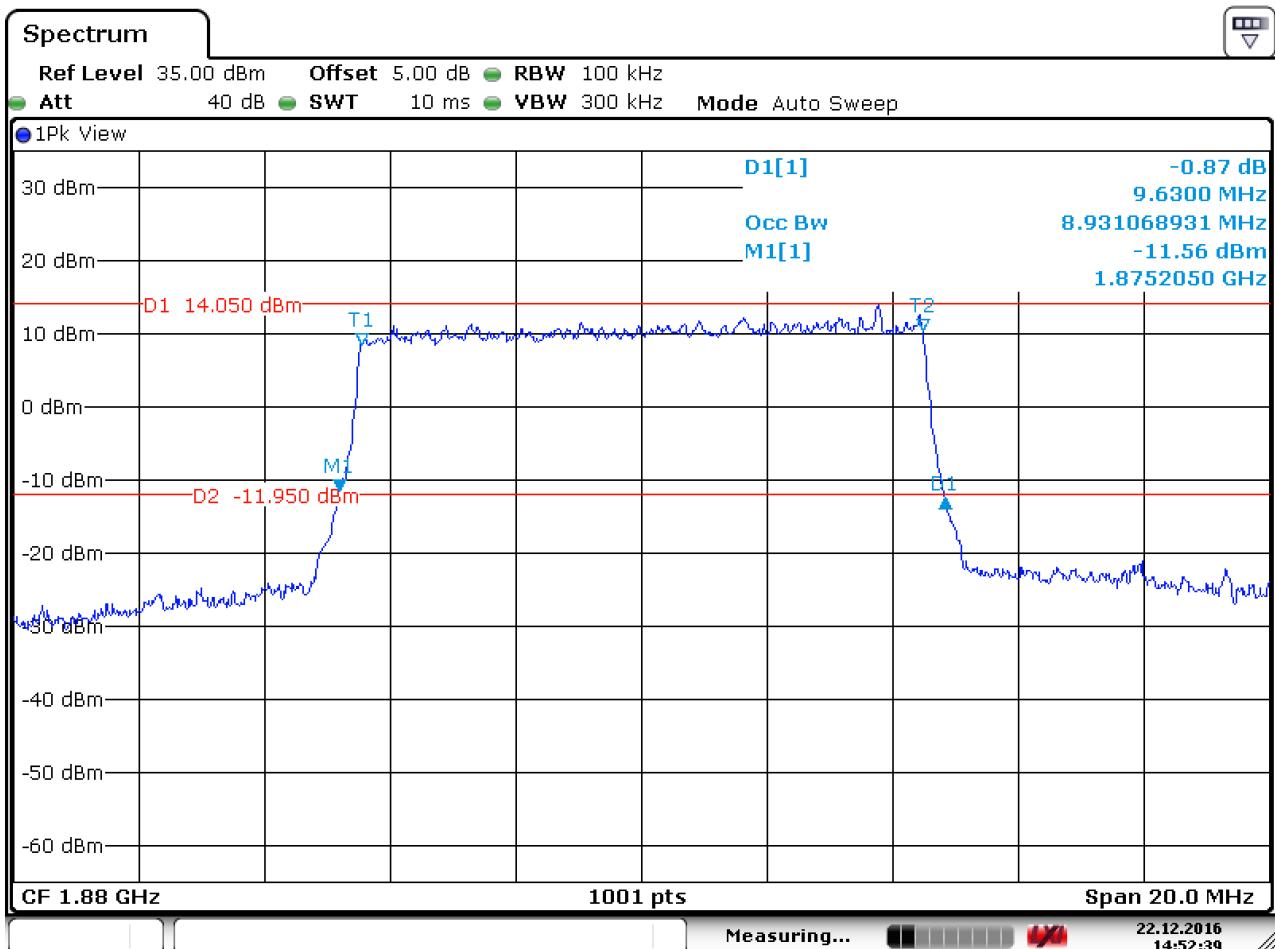
Date: 22.DEC.2016 14:53:56

4.1.1.7.3 Test Channel = HCH

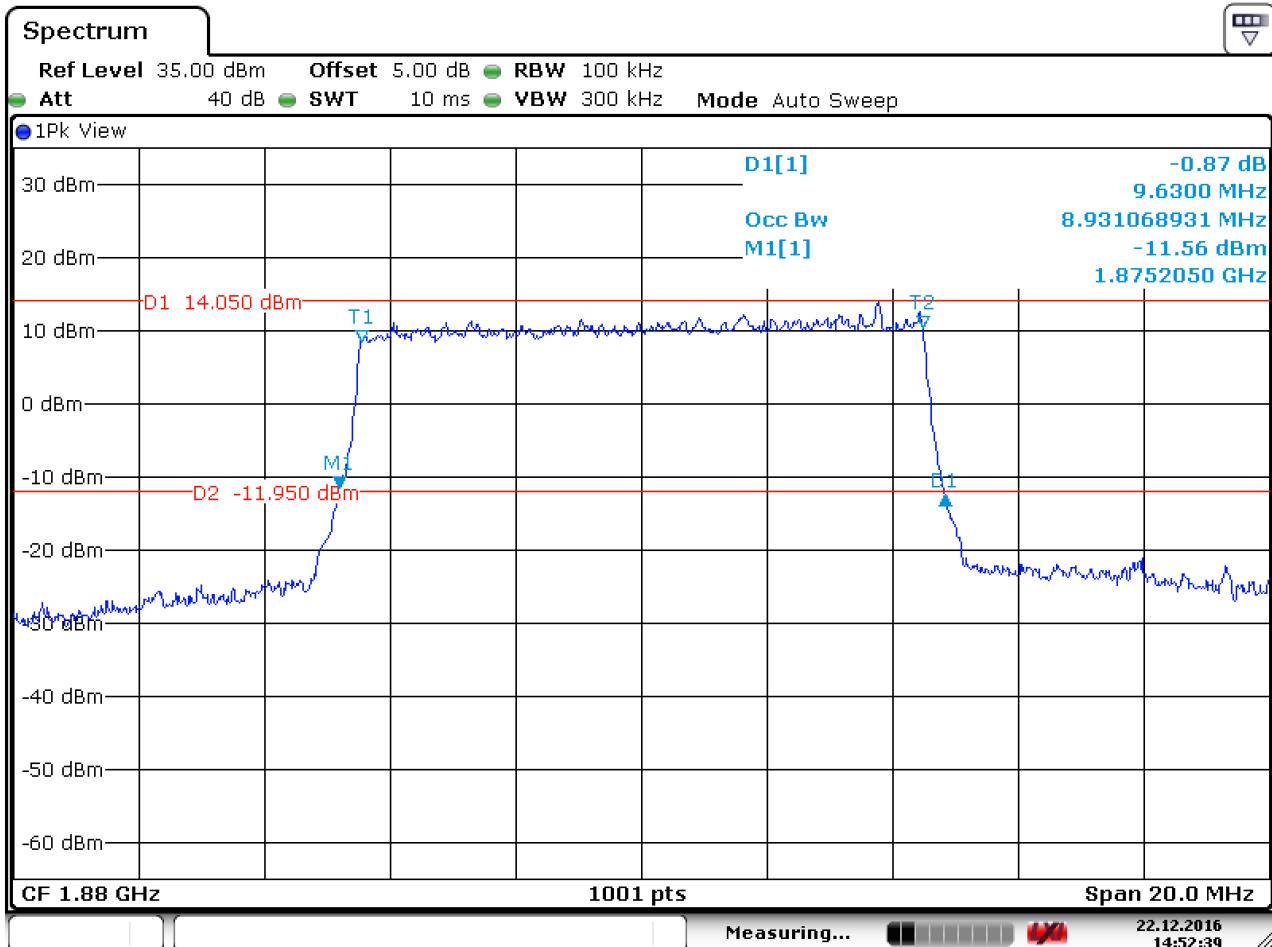
Date: 22.DEC.2016 14:59:18

4.1.1.8 Test Mode = LTE/TM2 10MHz

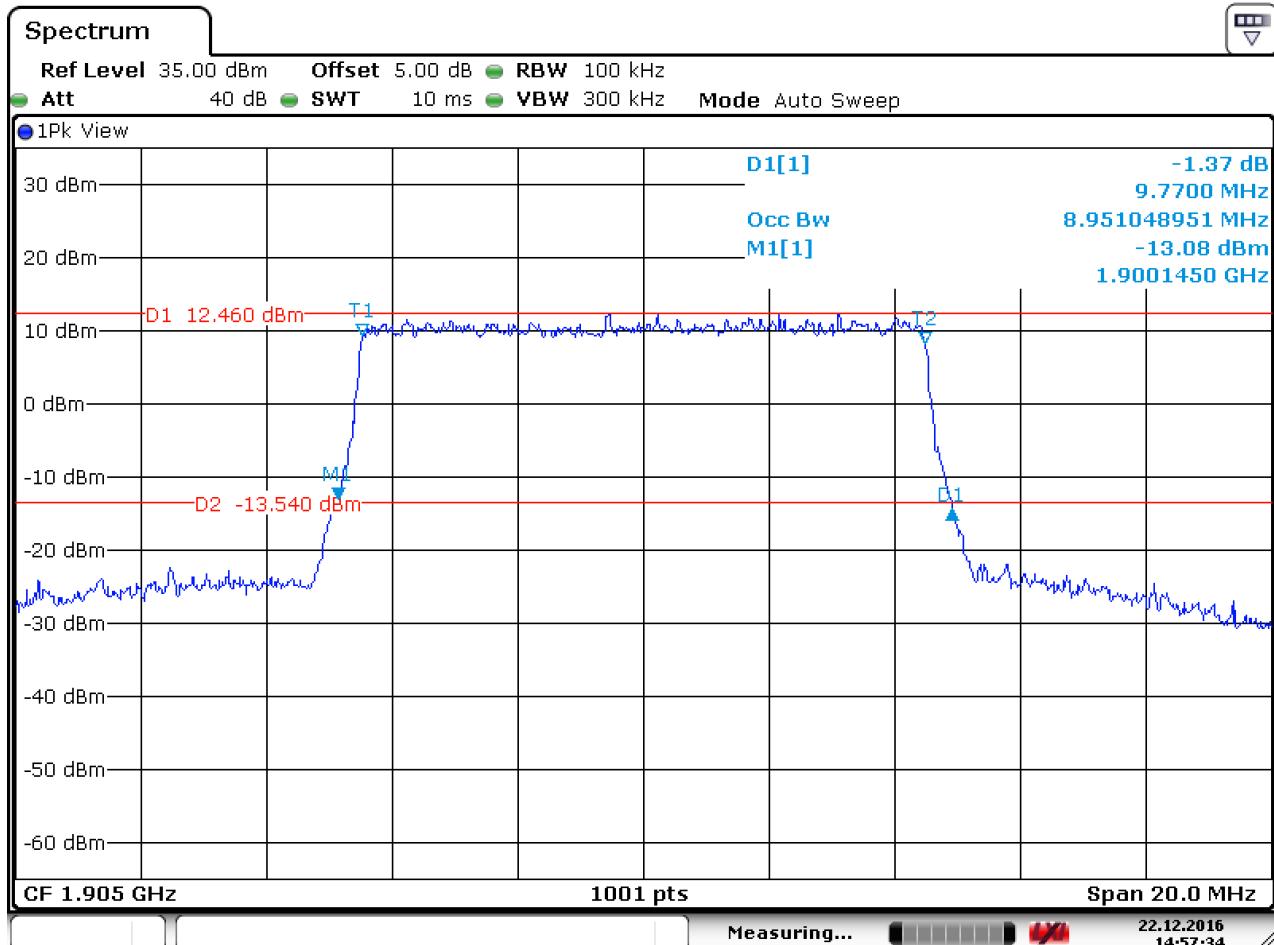
4.1.1.8.1 Test Channel = LCH



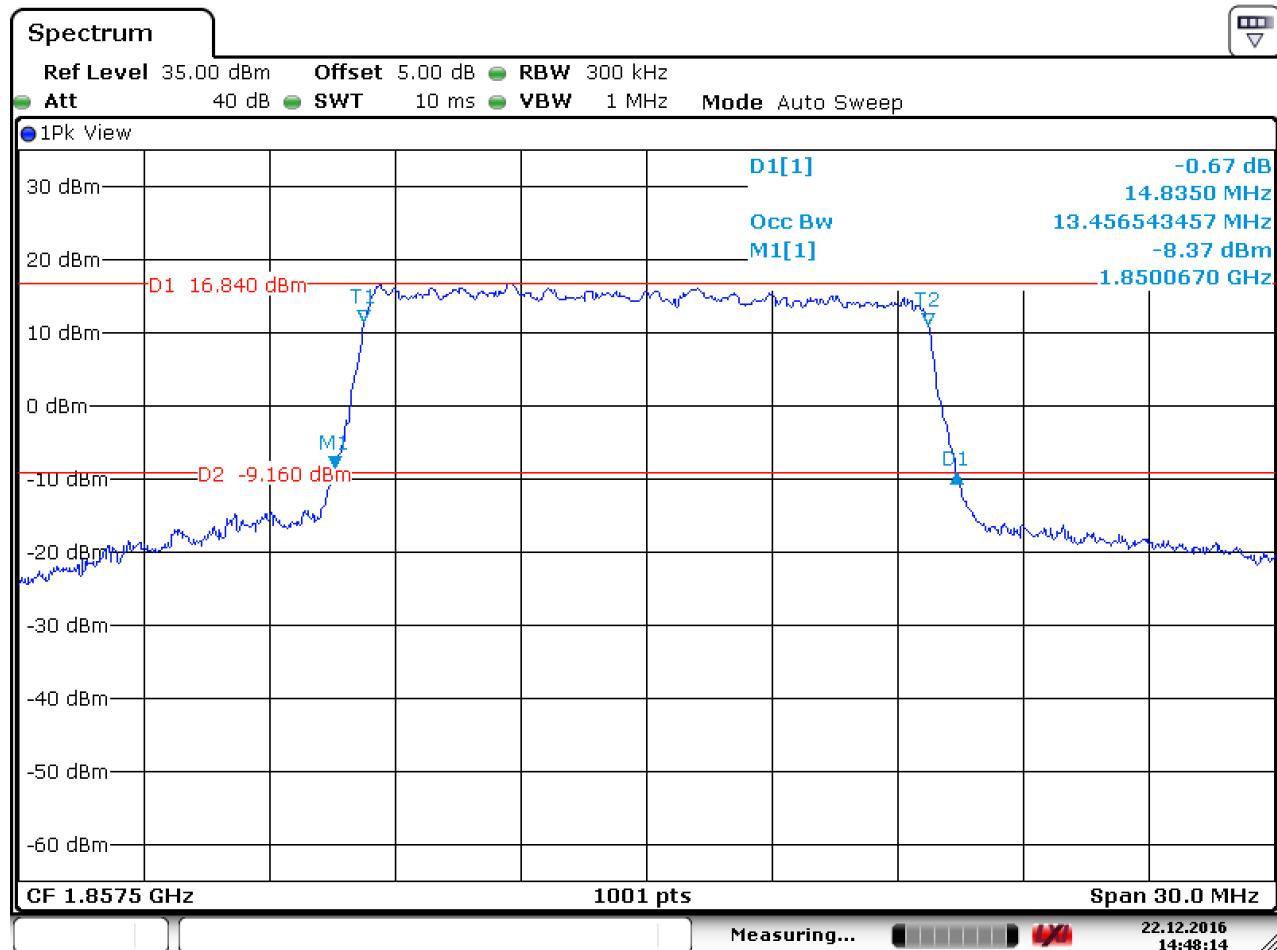
Date: 22.DEC.2016 14:52:39

4.1.1.8.2 Test Channel = MCH

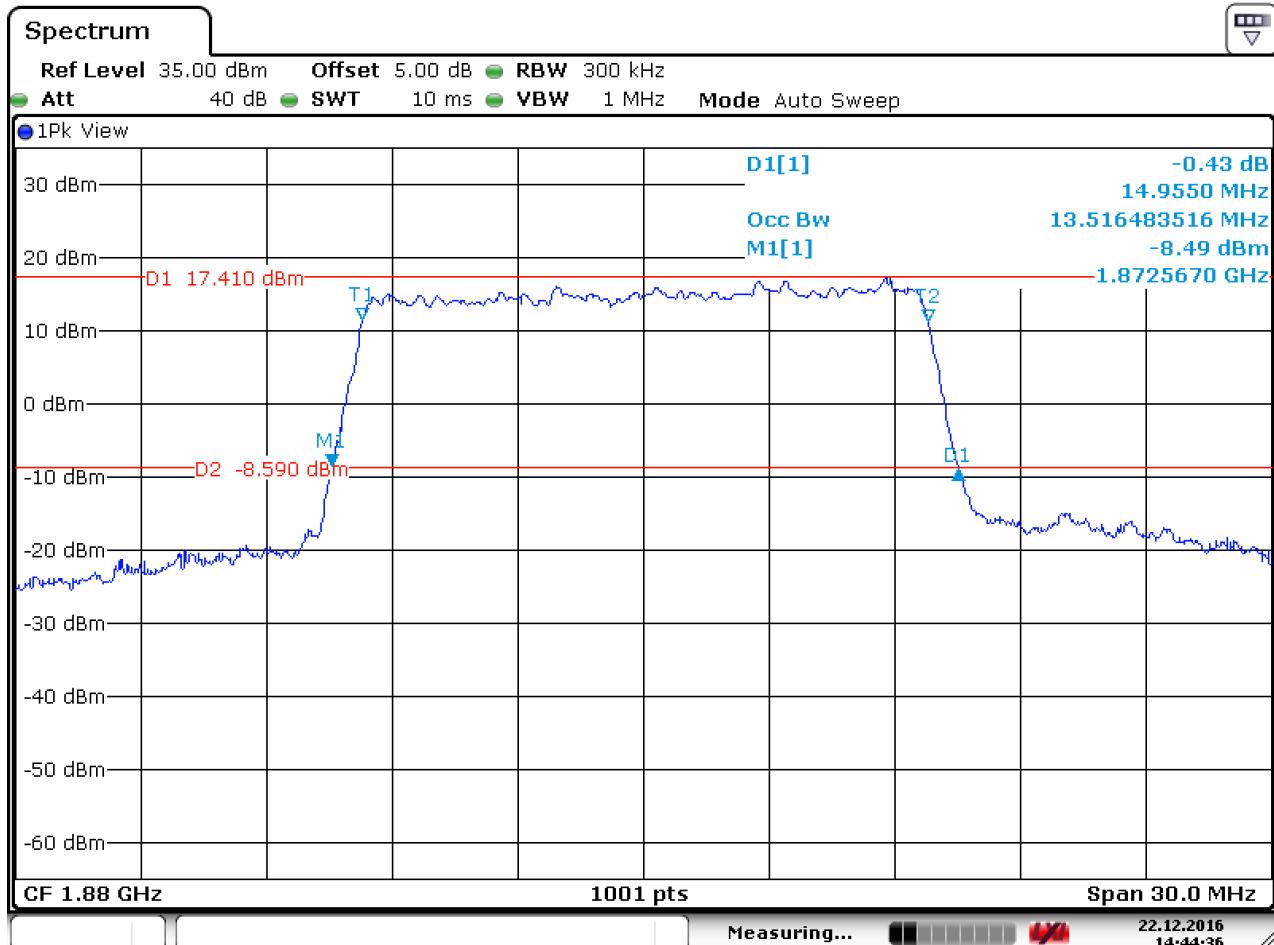
Date: 22.DEC.2016 14:52:39

4.1.1.8.3 Test Channel = HCH

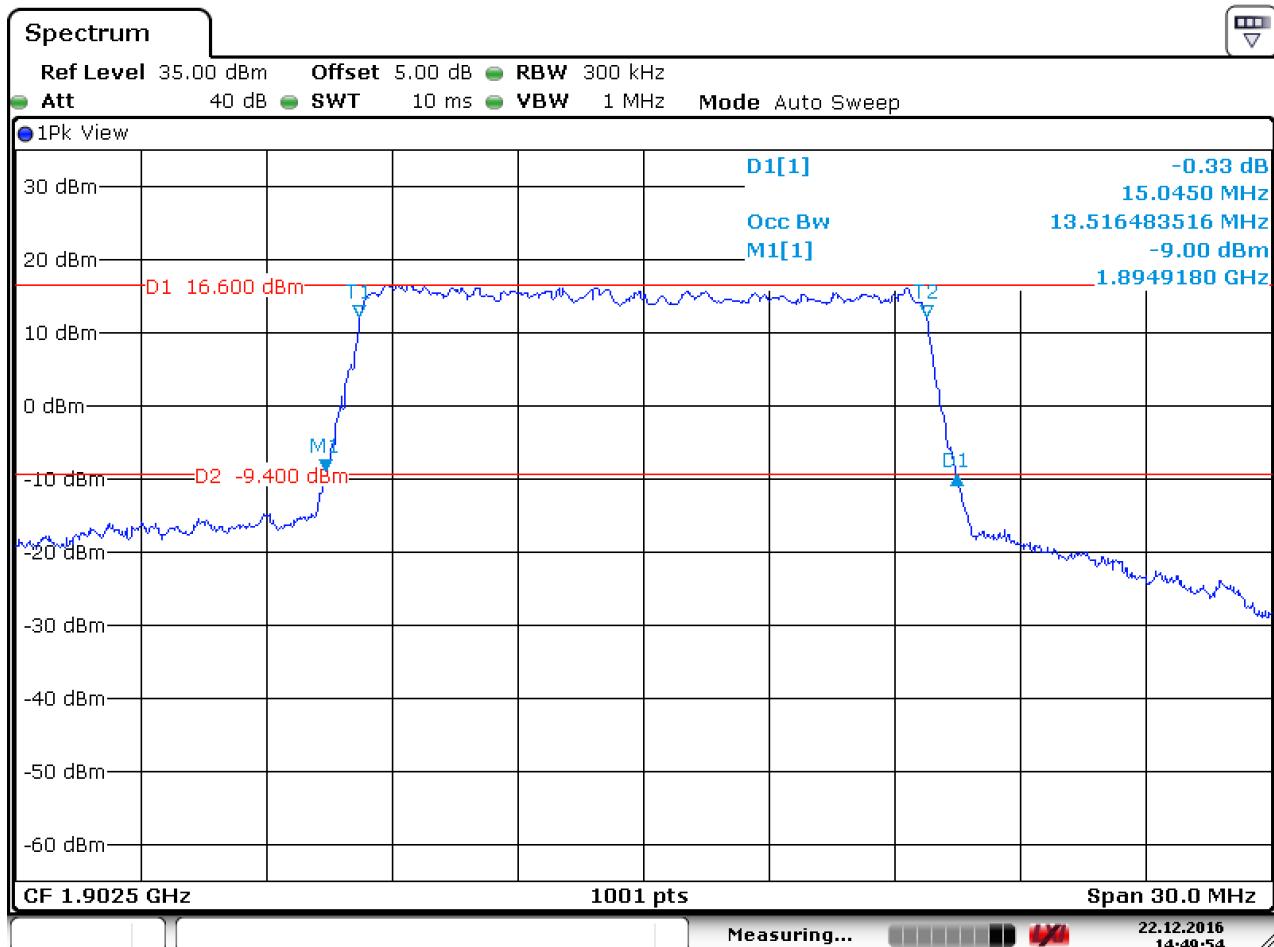
Date: 22.DEC.2016 14:57:34

4.1.1.9 Test Mode = LTE/TM1 15MHz**4.1.1.9.1 Test Channel = LCH**

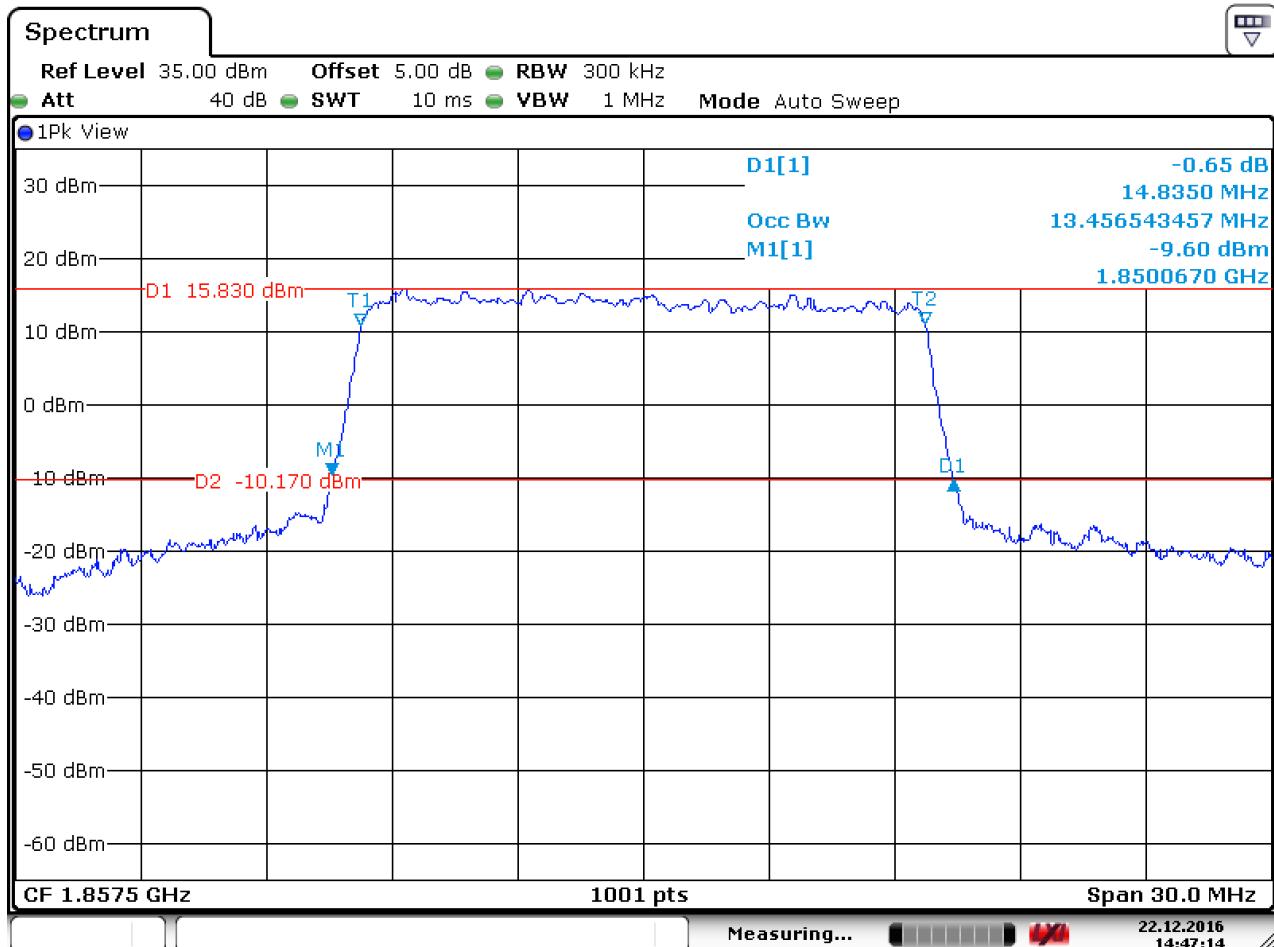
Date: 22.DEC.2016 14:48:15

4.1.1.9.2 Test Channel = MCH

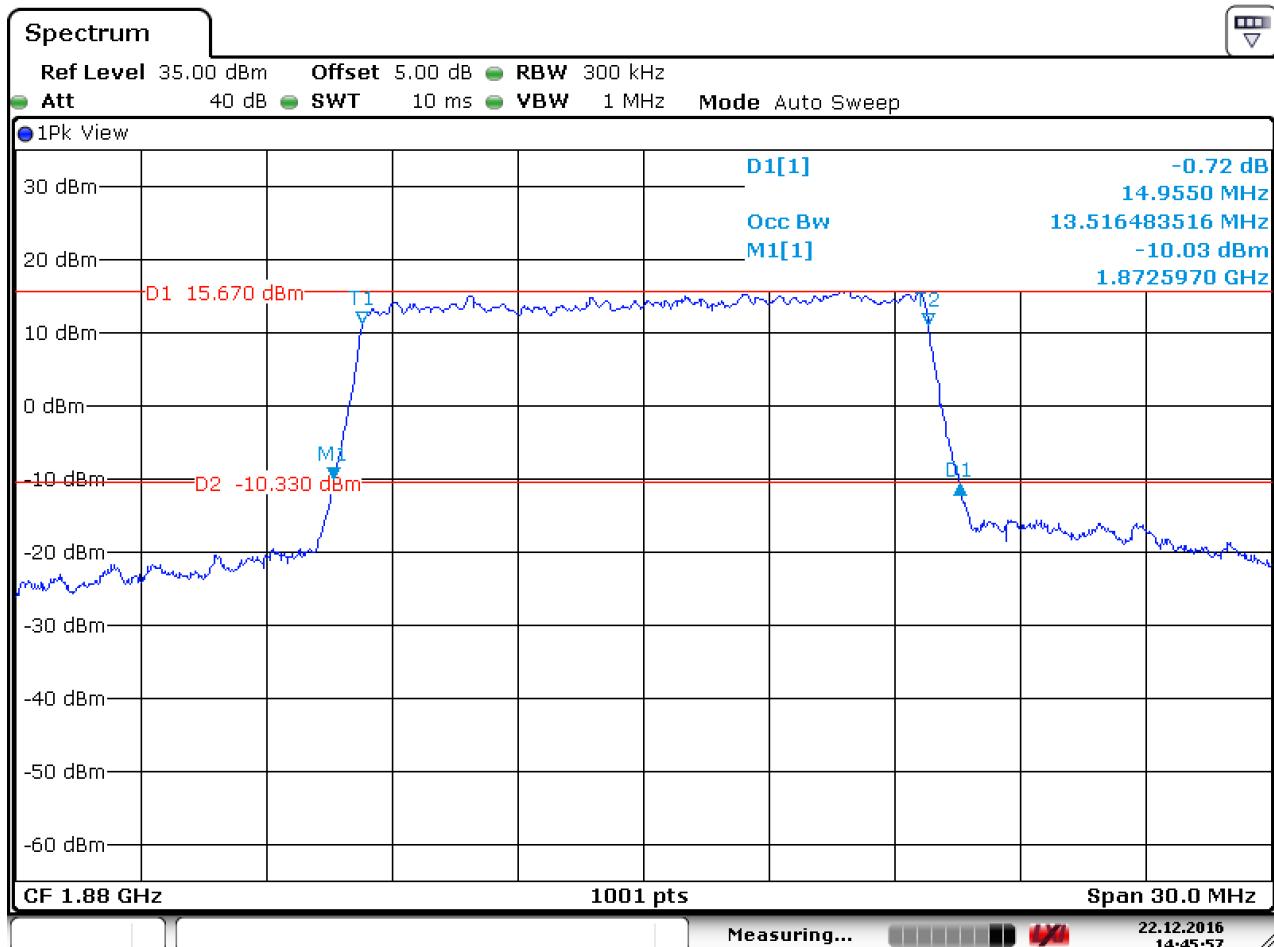
Date: 22.DEC.2016 14:44:37

4.1.1.9.3 Test Channel = HCH

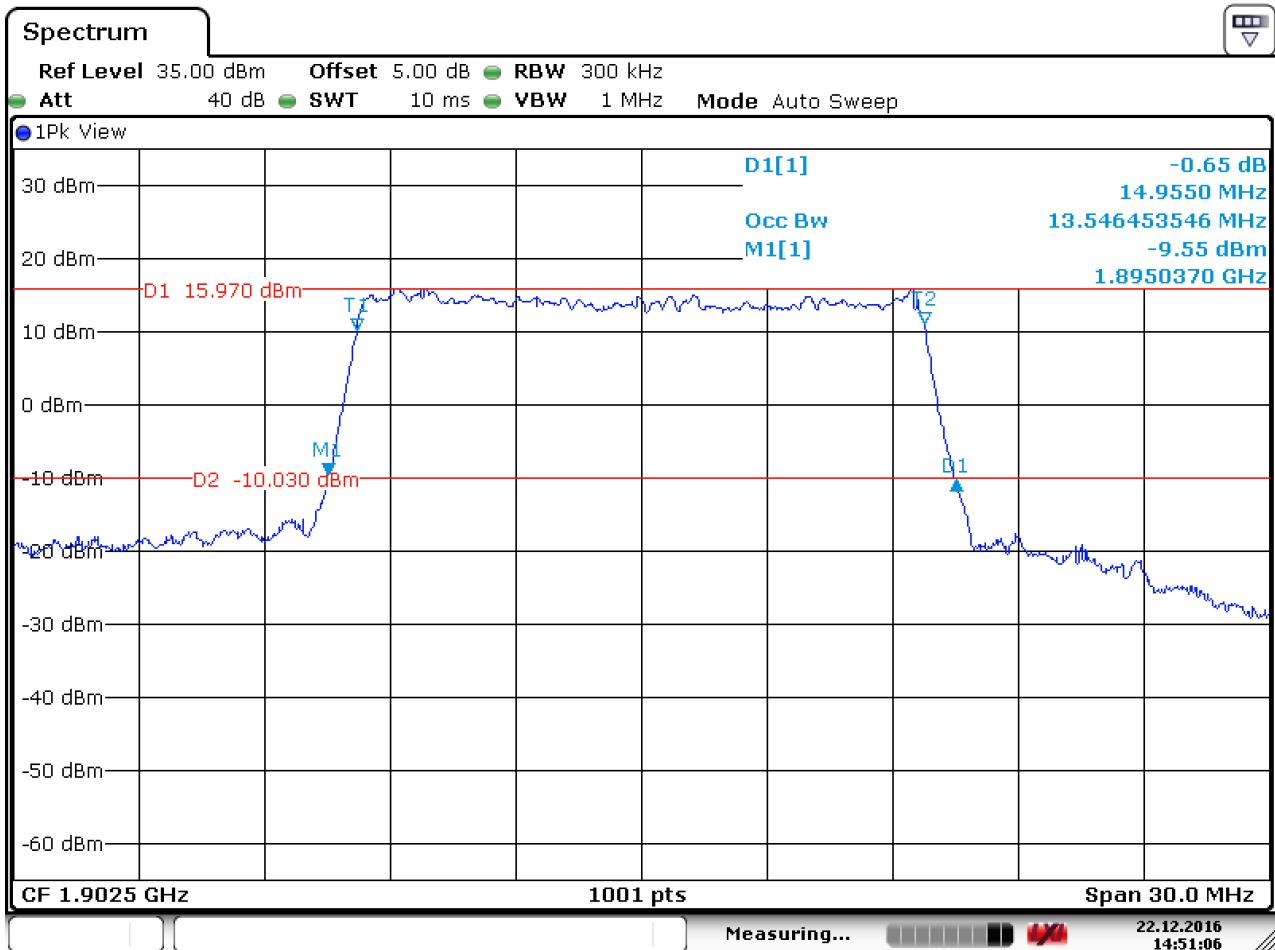
Date: 22.DEC.2016 14:49:54

4.1.1.10 Test Mode = LTE/TM2 15MHz**4.1.1.10.1 Test Channel = LCH**

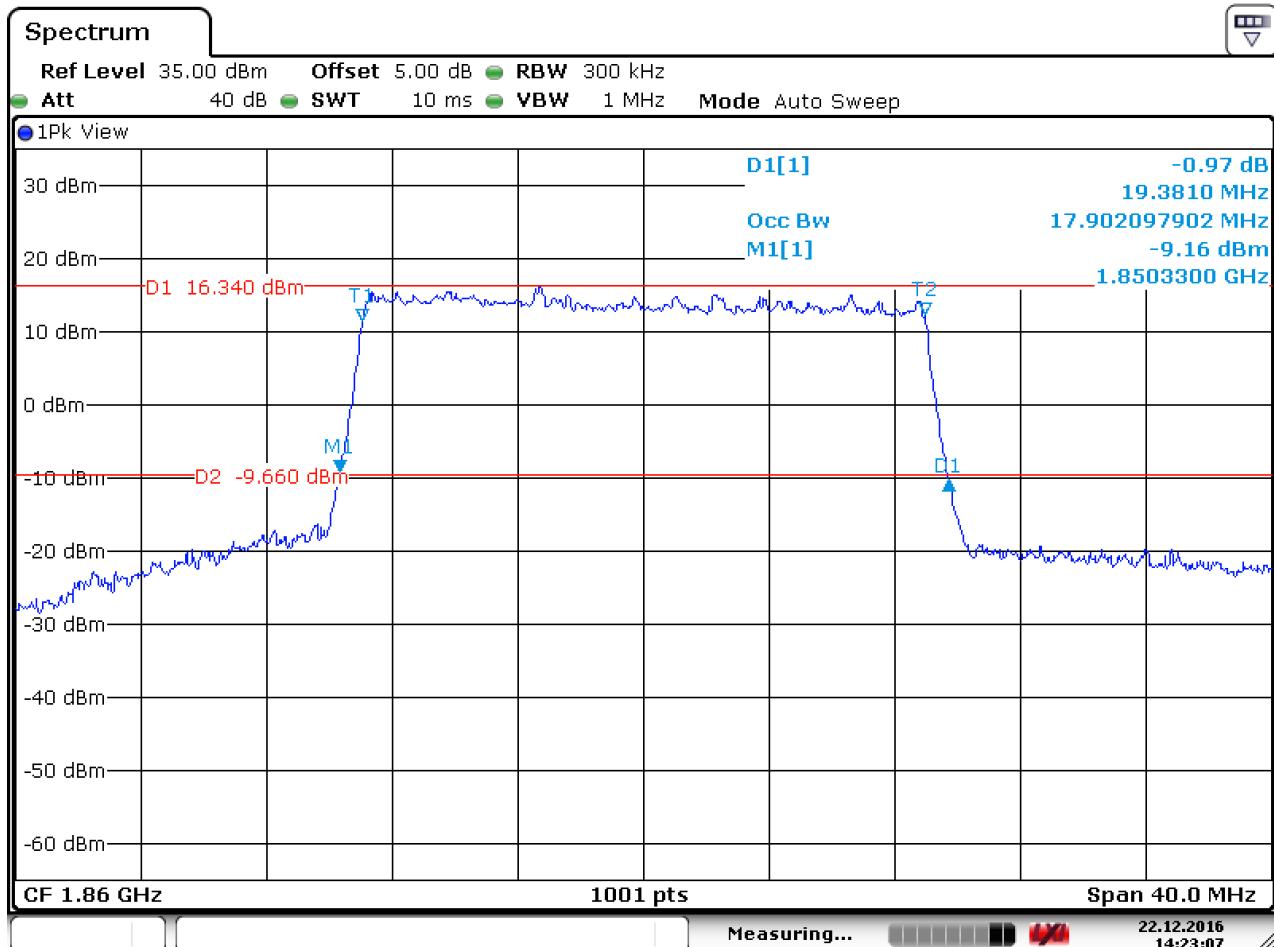
Date: 22.DEC.2016 14:47:14

4.1.1.10.2 Test Channel = MCH

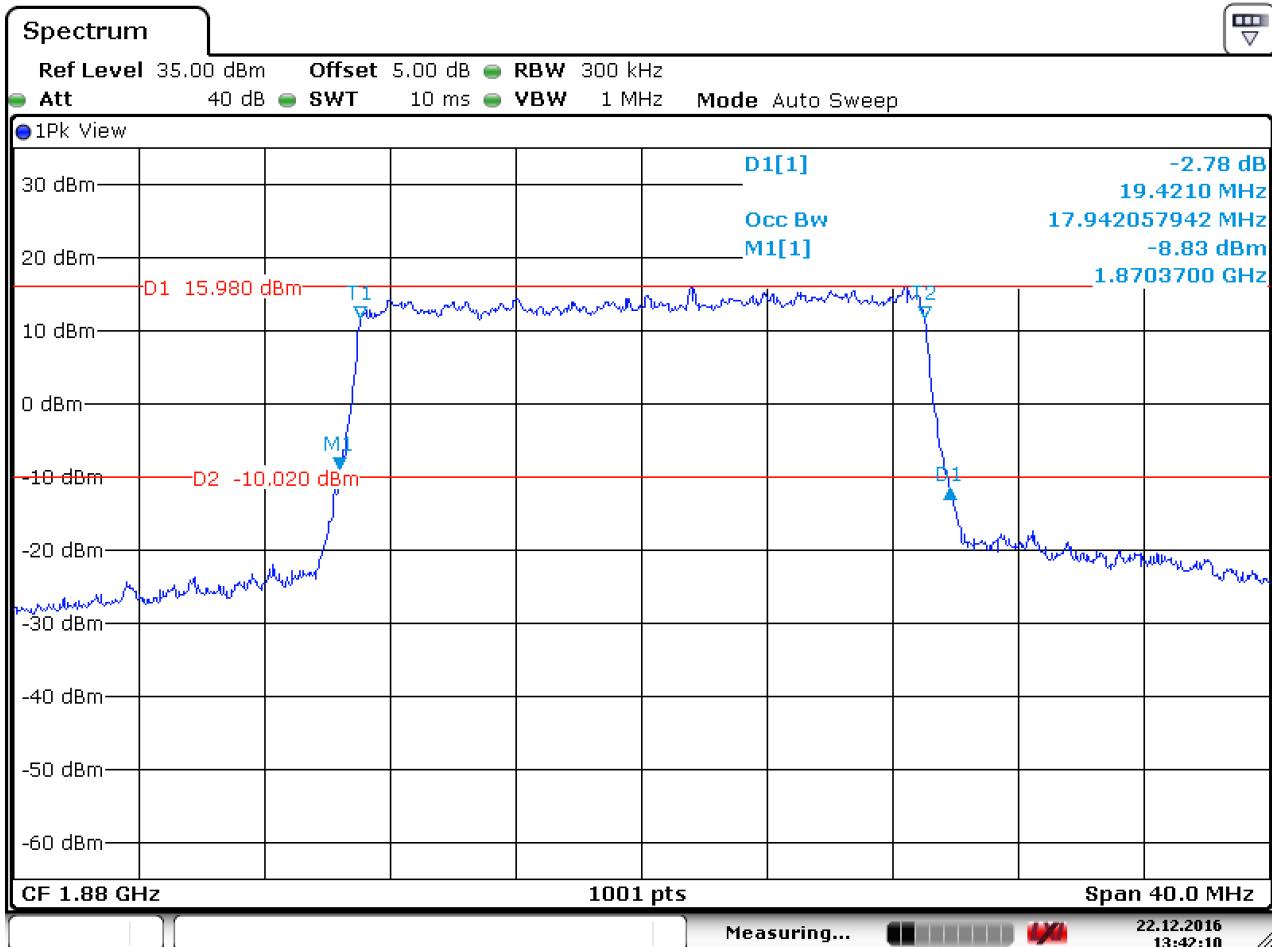
Date: 22.DEC.2016 14:45:57

4.1.1.10.3 Test Channel = HCH

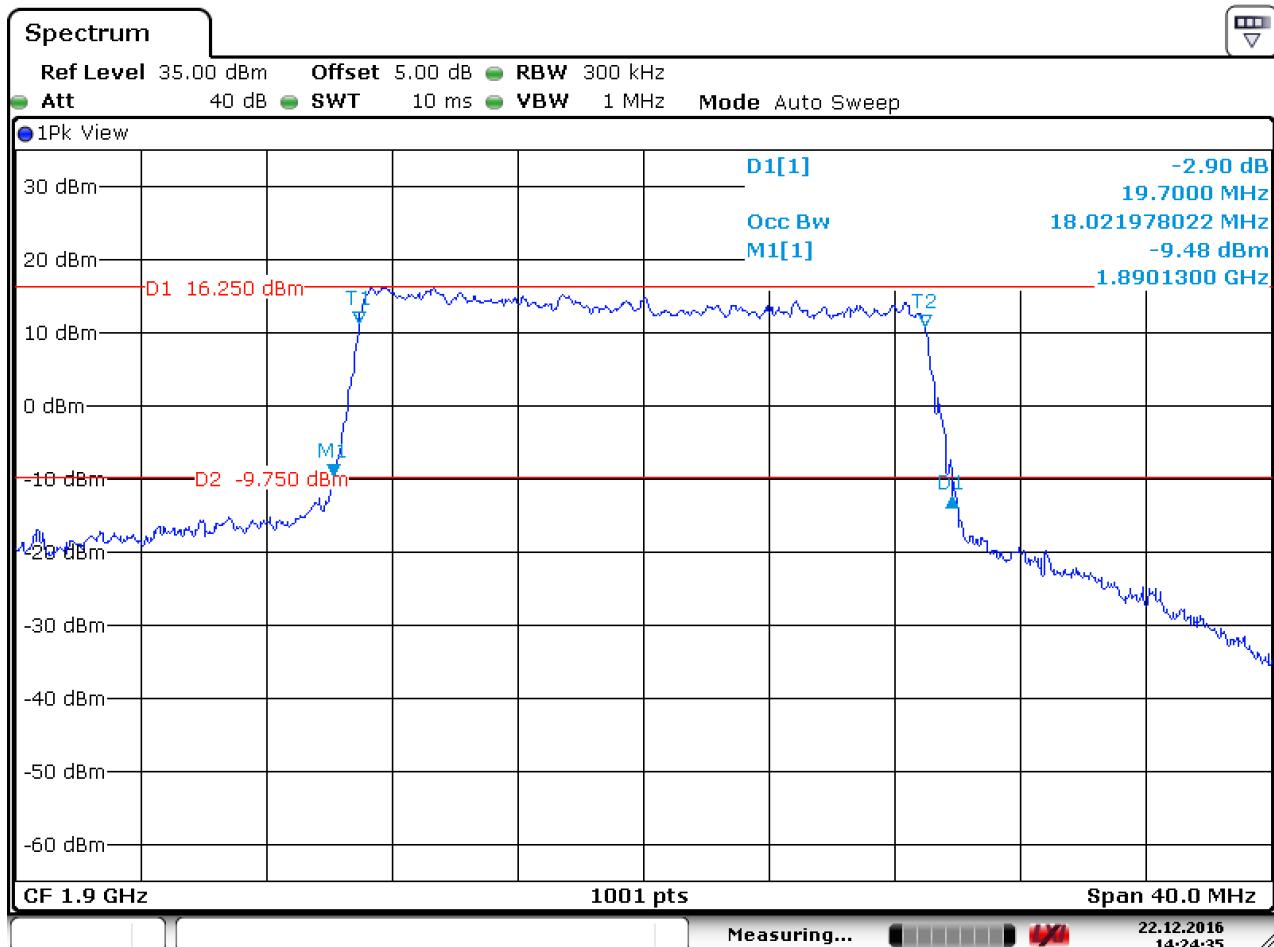
Date: 22.DEC.2016 14:51:06

4.1.1.11 Test Mode = LTE/TM1 20MHz**4.1.1.11.1 Test Channel = LCH**

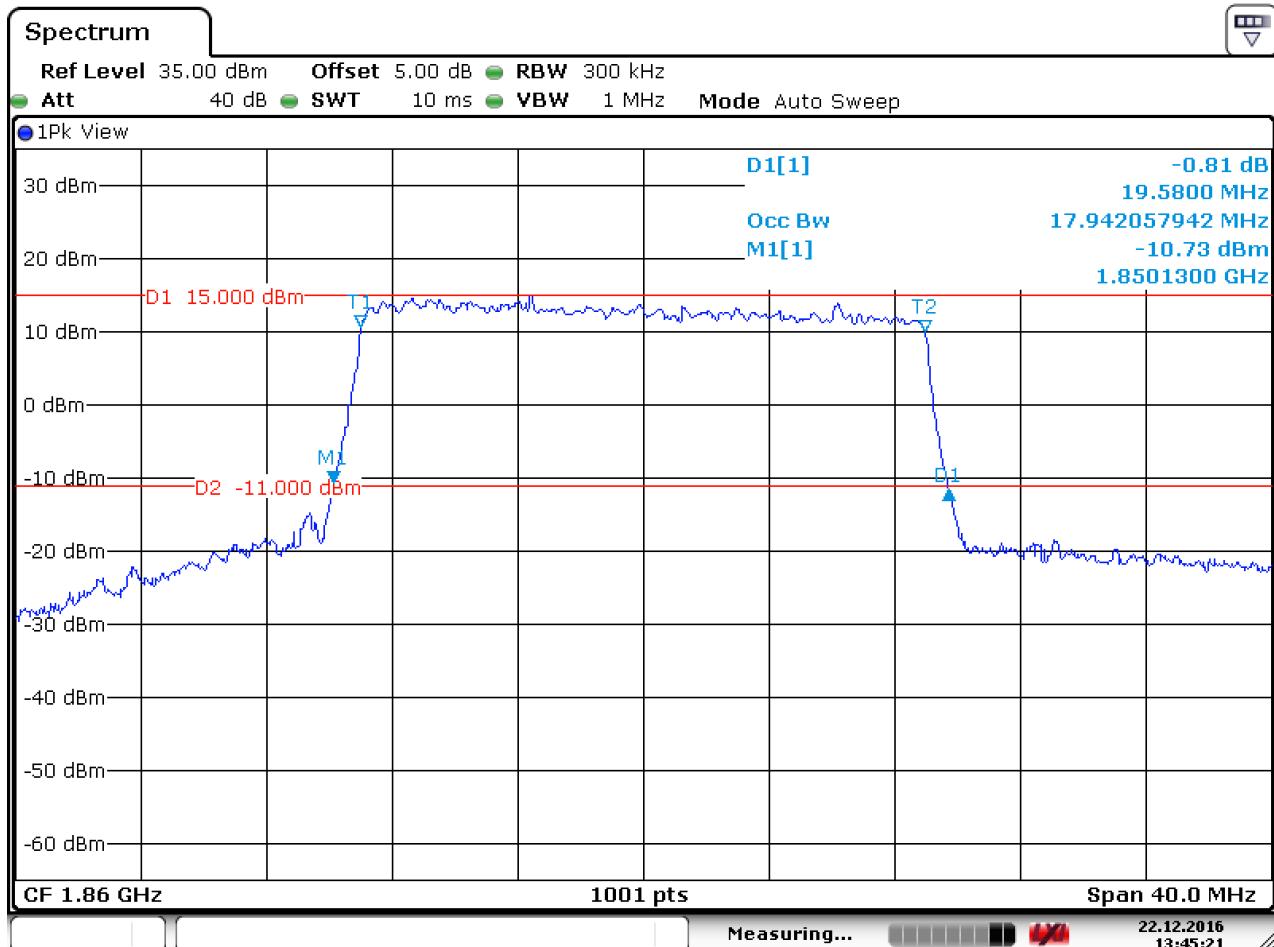
Date: 22.DEC.2016 14:23:07

4.1.1.11.2 Test Channel = MCH

Date: 22.DEC.2016 13:42:10

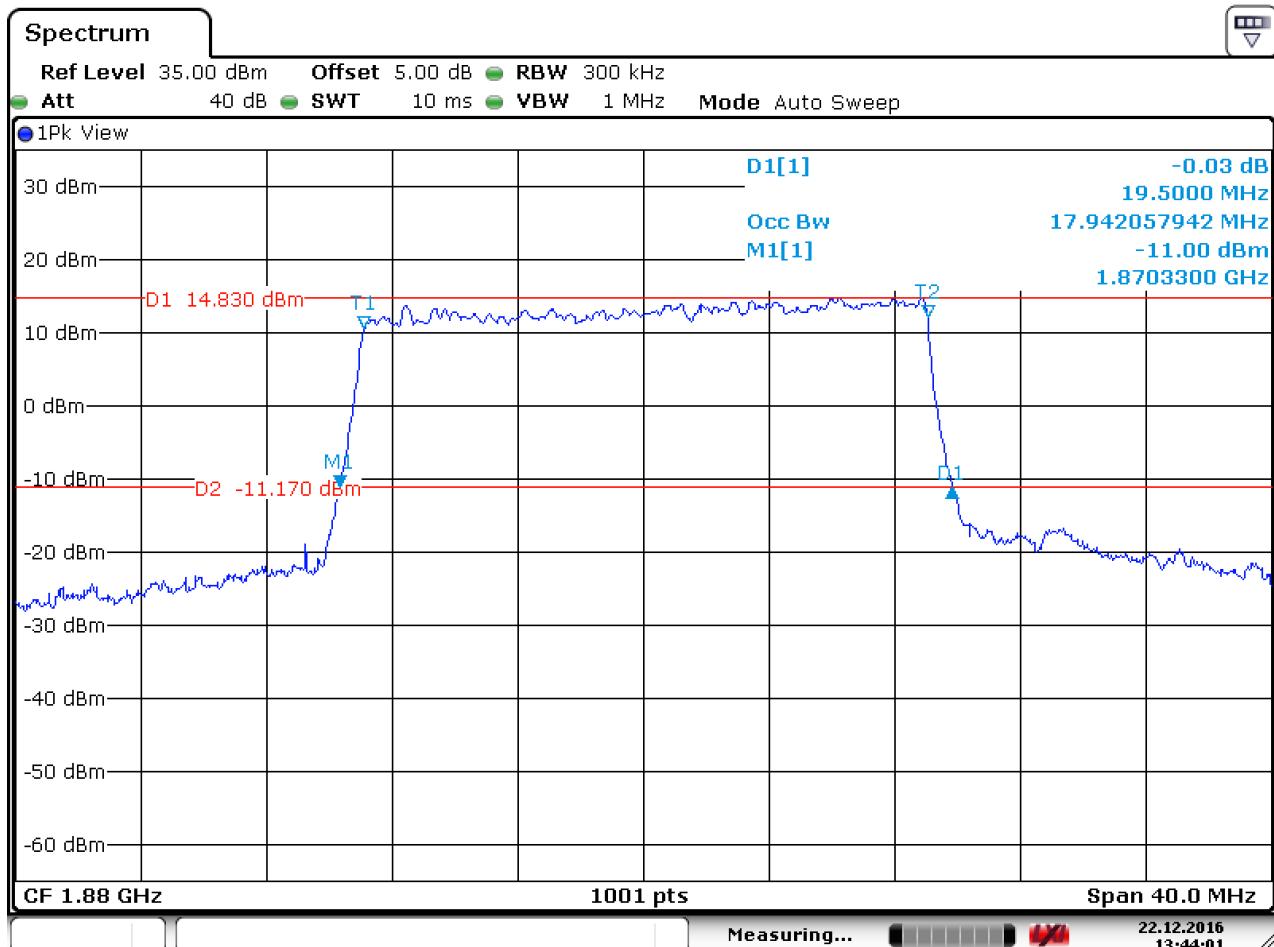
4.1.1.11.3 Test Channel = HCH

Date: 22.DEC.2016 14:24:35

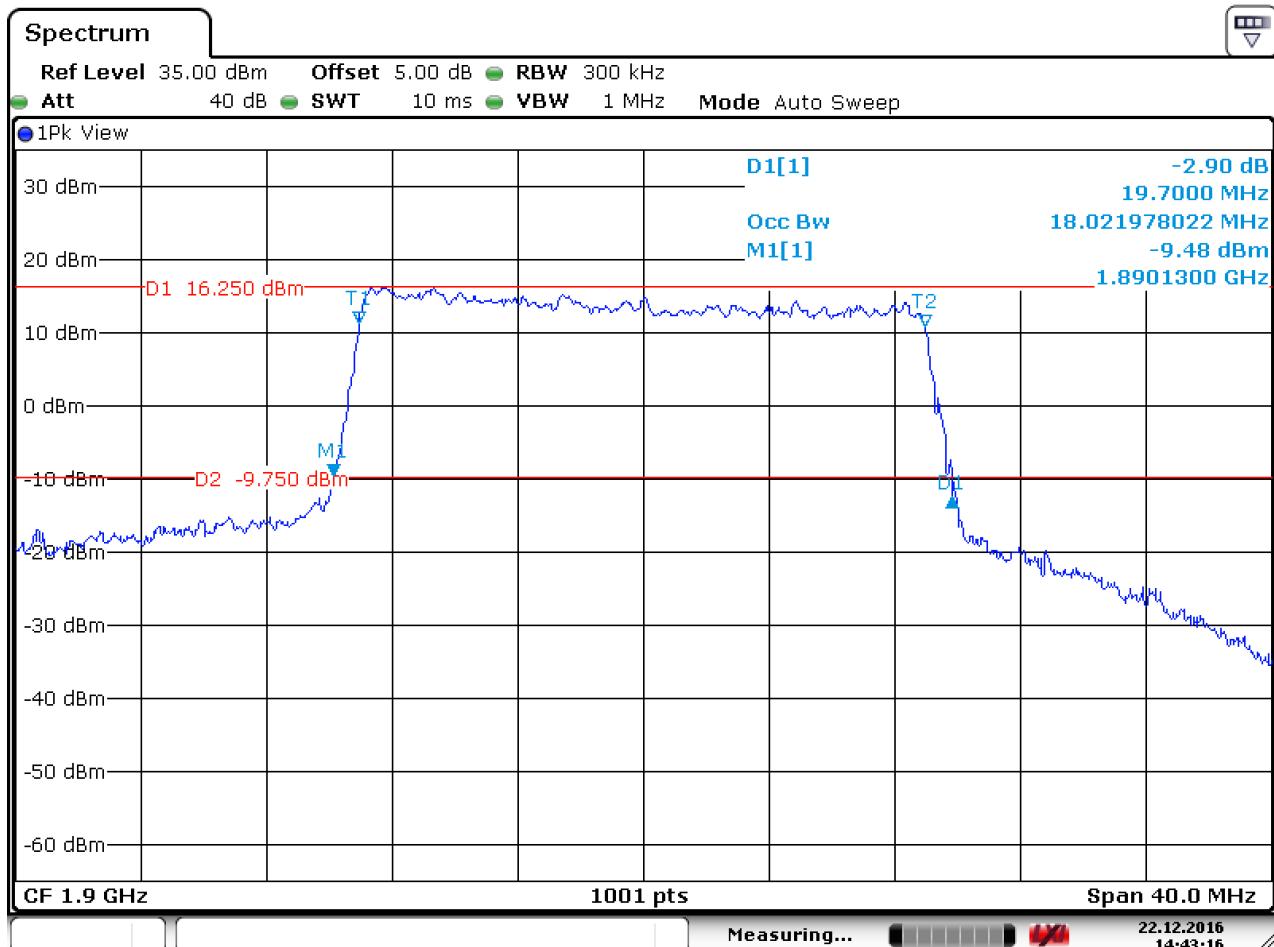
4.1.1.12 Test Mode = LTE/TM2 20MHz**4.1.1.12.1 Test Channel = LCH**

Date: 22.DEC.2016 13:45:21

22.12.2016
13:45:21

4.1.1.12.2 Test Channel = MCH

Date: 22.DEC.2016 13:44:02

4.1.1.12.3 Test Channel = HCH

Date: 22.DEC.2016 14:43:17

5 Band Edges Compliance

Part I –

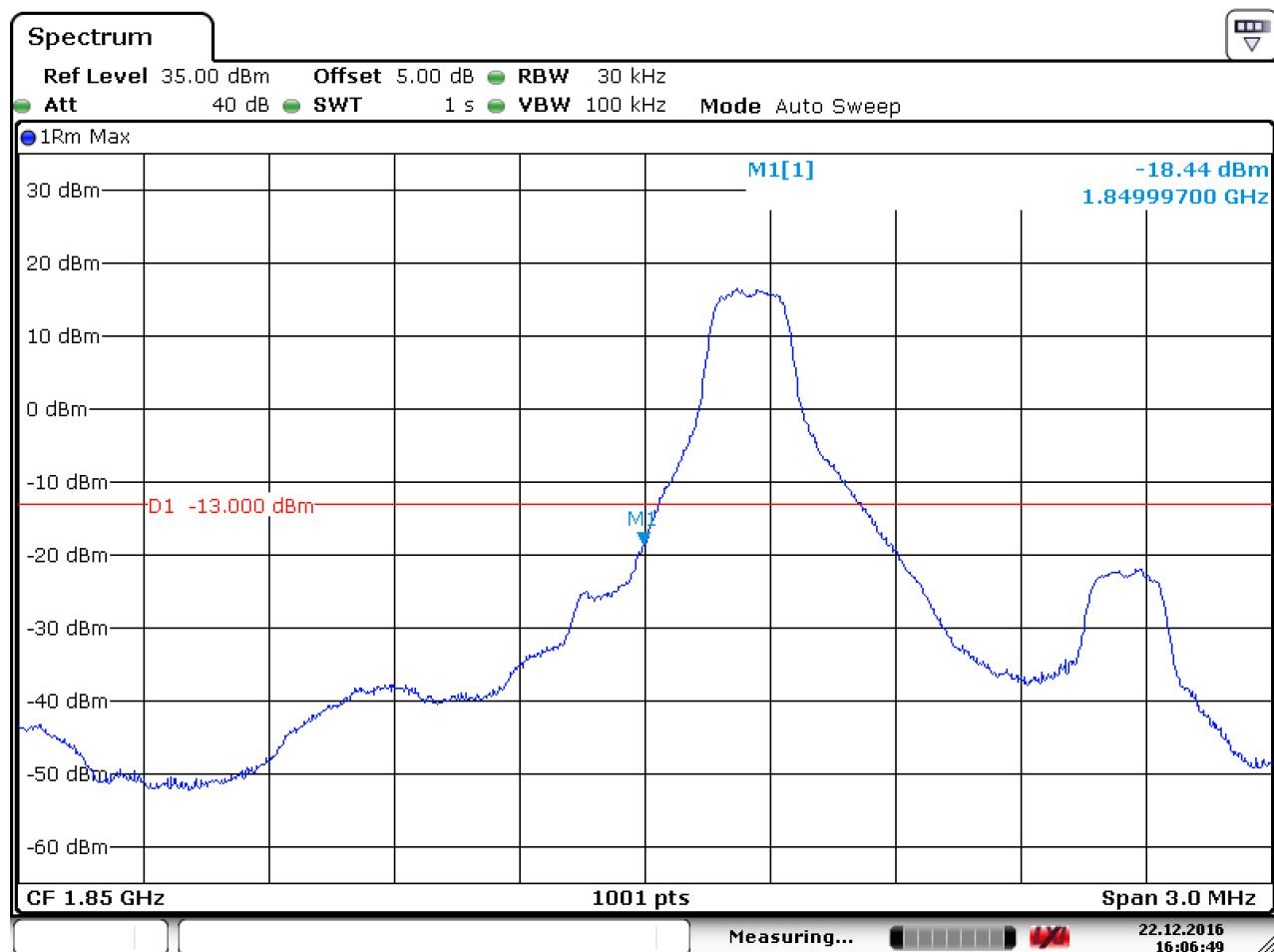
5.1 For LTE

5.1.1 Test Band = LTE band2

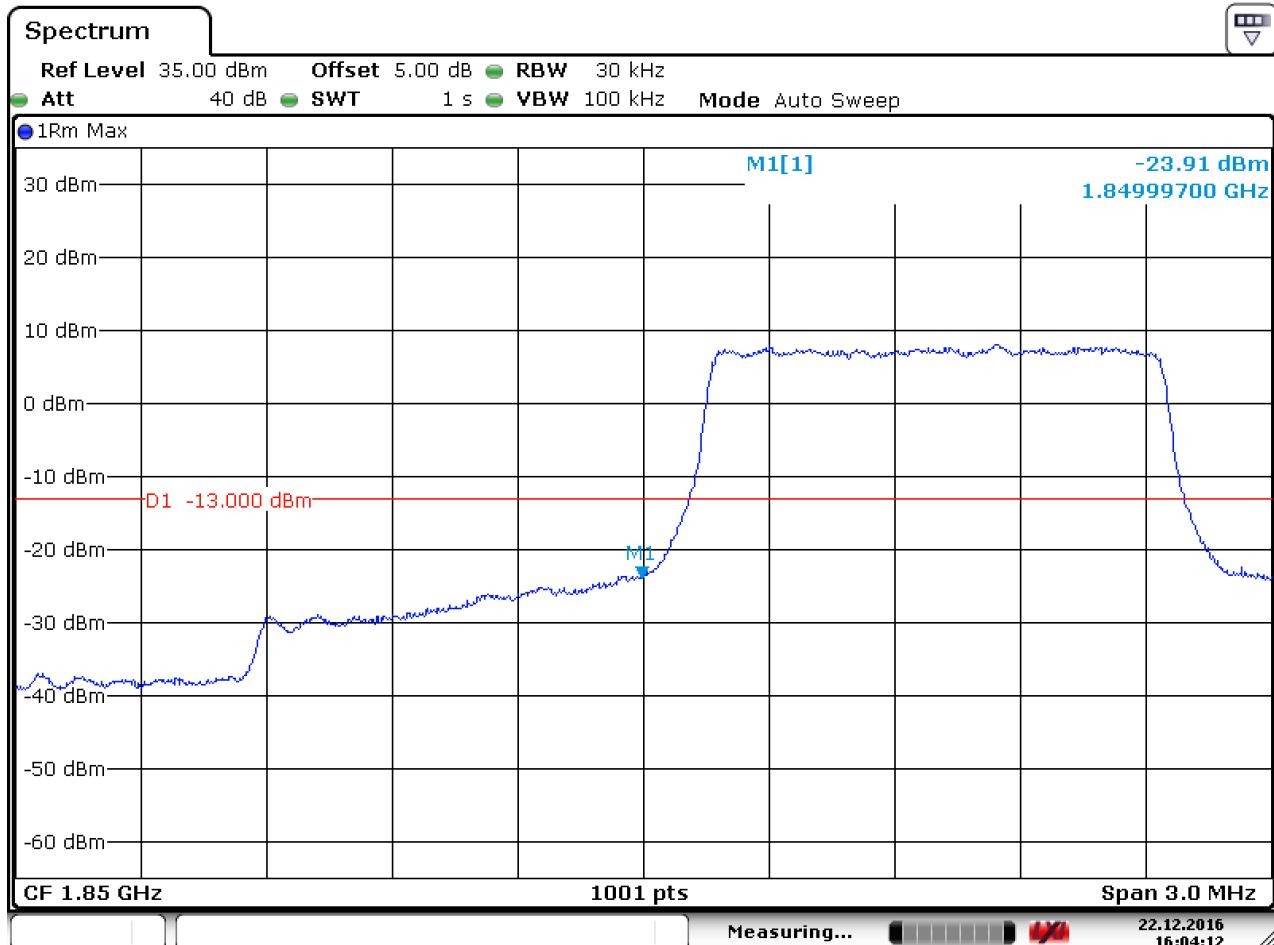
5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1 Test RB=1RB

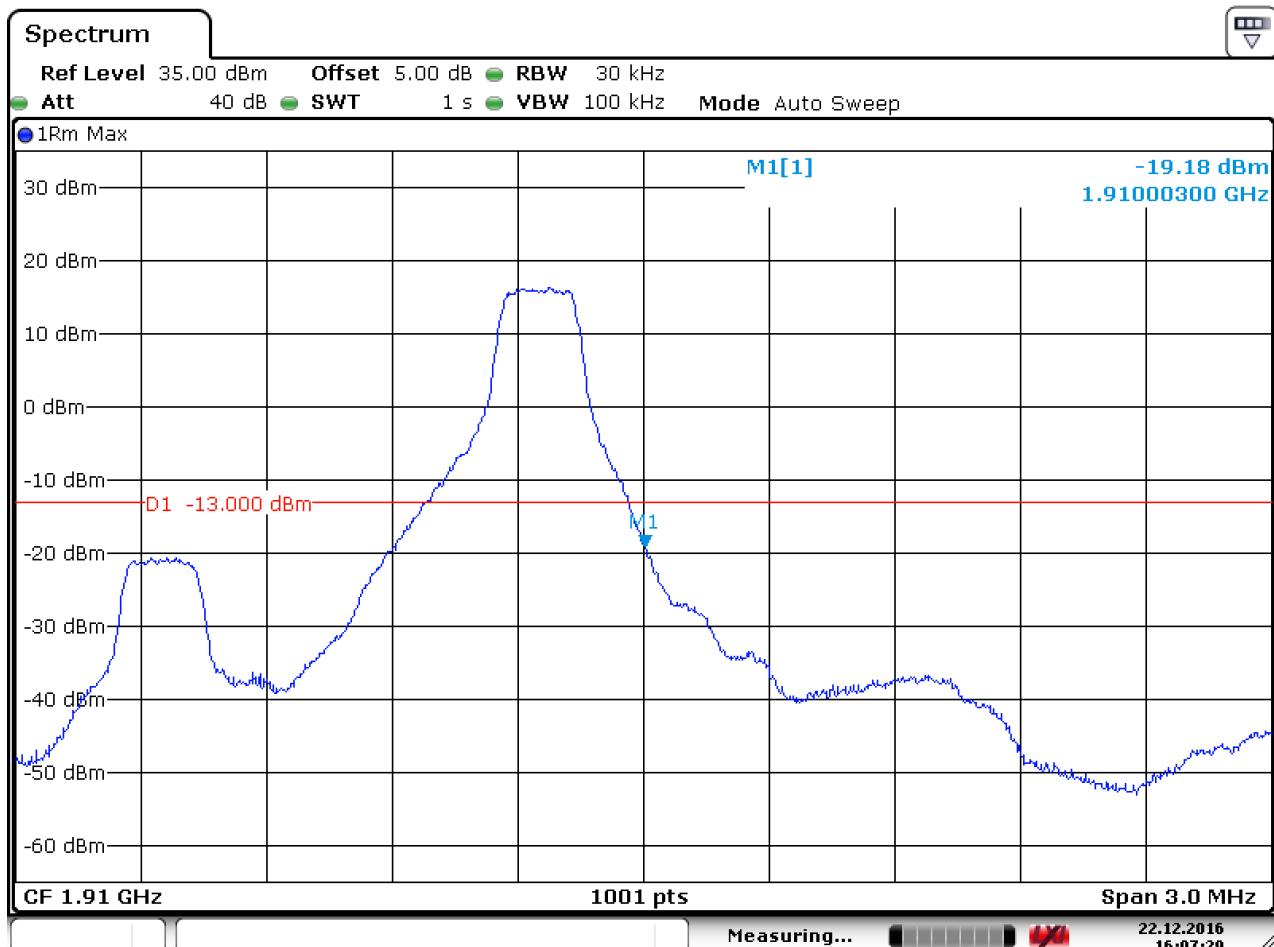


Date: 22.DEC.2016 16:06:49

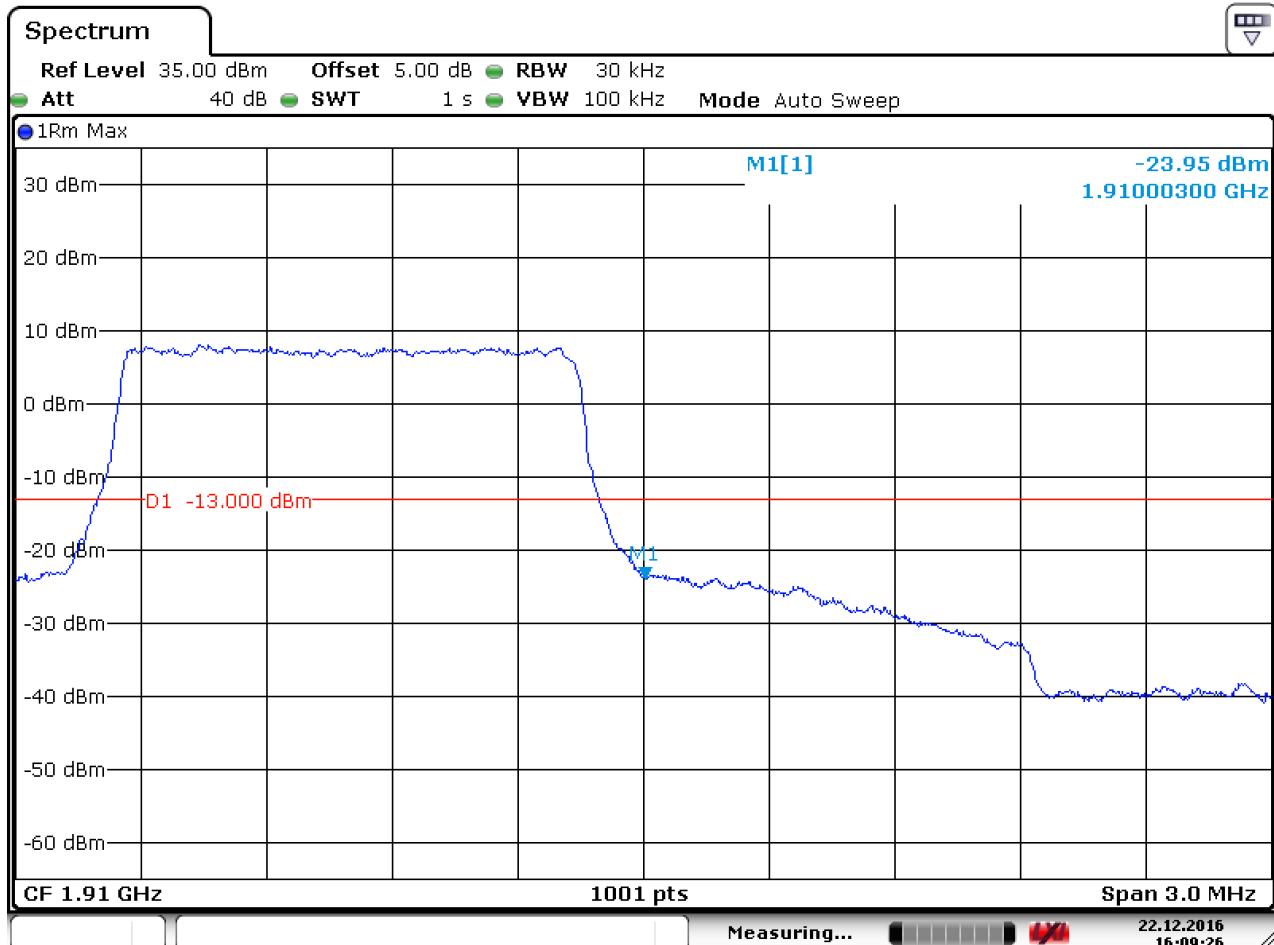
5.1.1.1.2 Test RB=6RB

Date: 22.DEC.2016 16:04:13

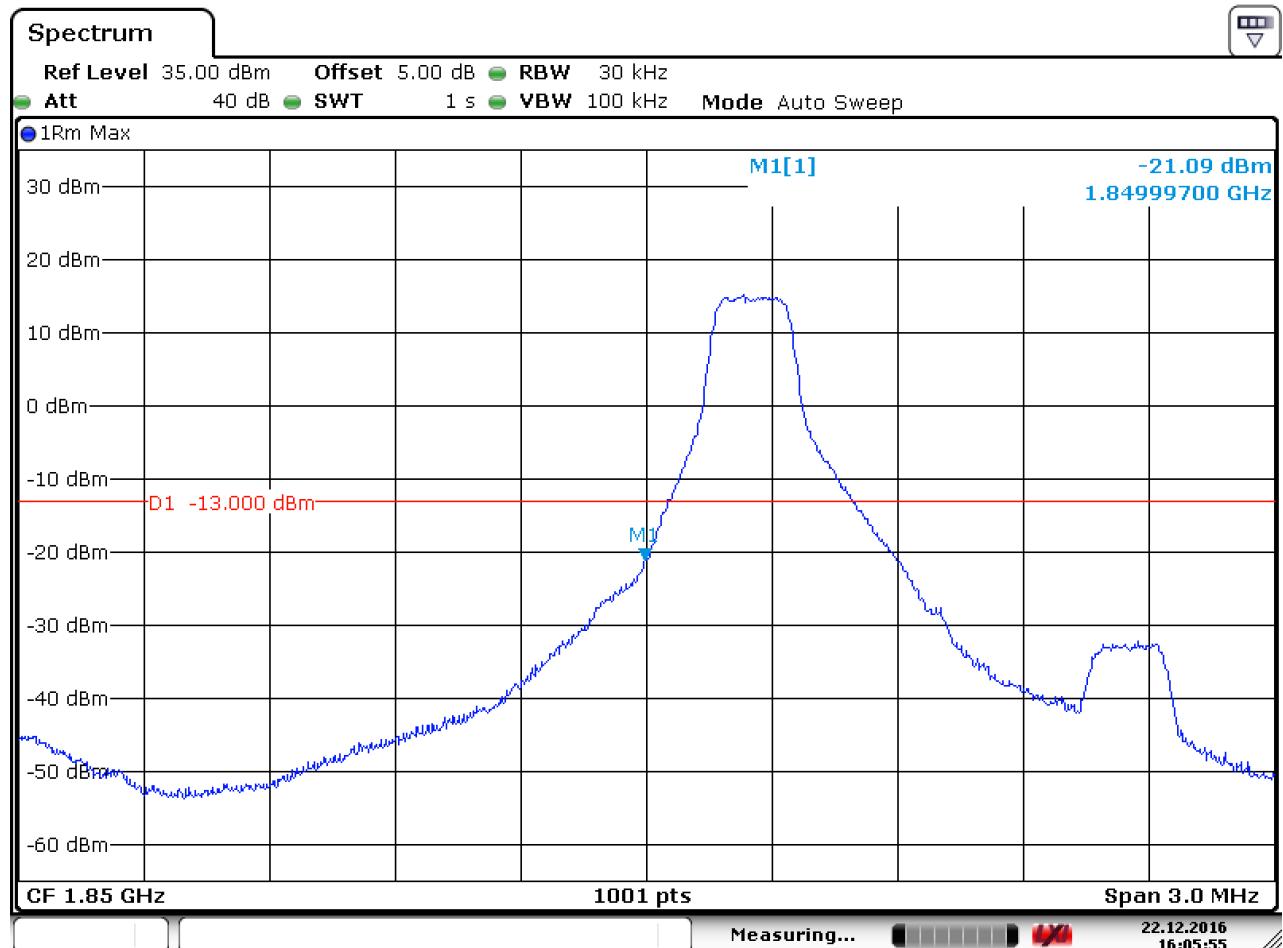
22.12.2016
16:04:12

5.1.1.1.2 Test Channel = HCH**5.1.1.1.2.1 Test RB=1RB**

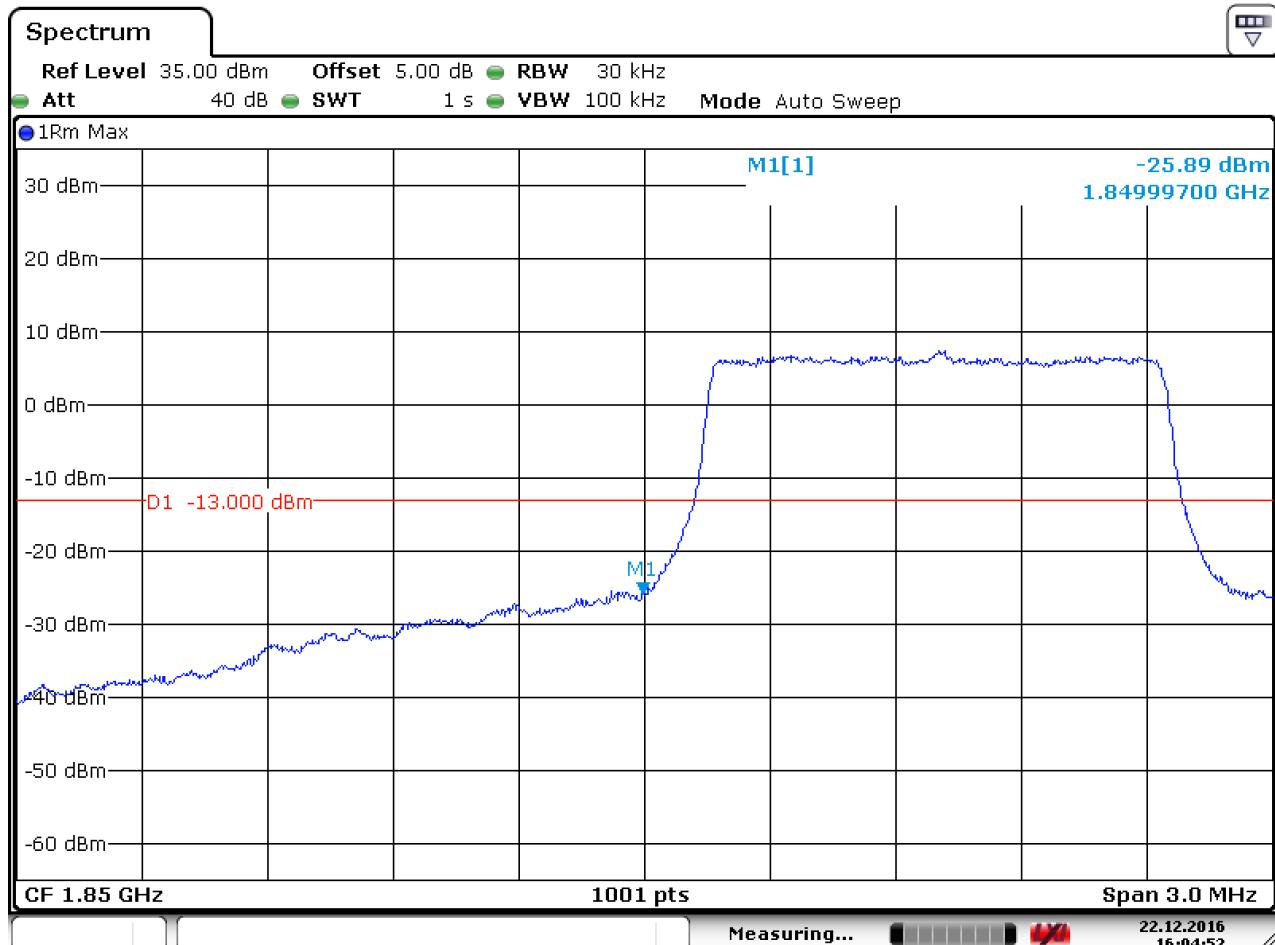
Date: 22.DEC.2016 16:07:30

5.1.1.1.2.2 Test RB=6RB

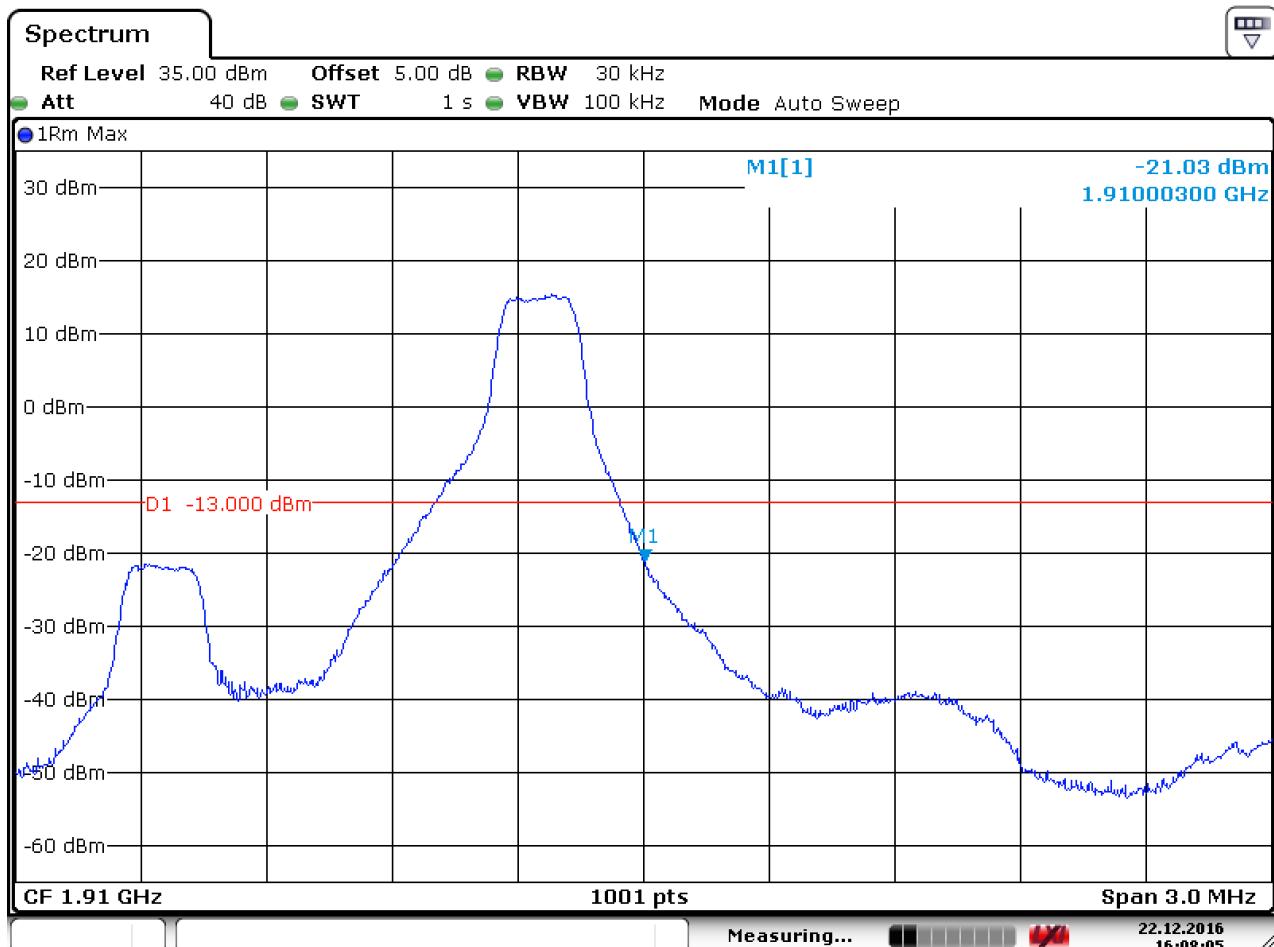
Date: 22.DEC.2016 16:09:26

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**

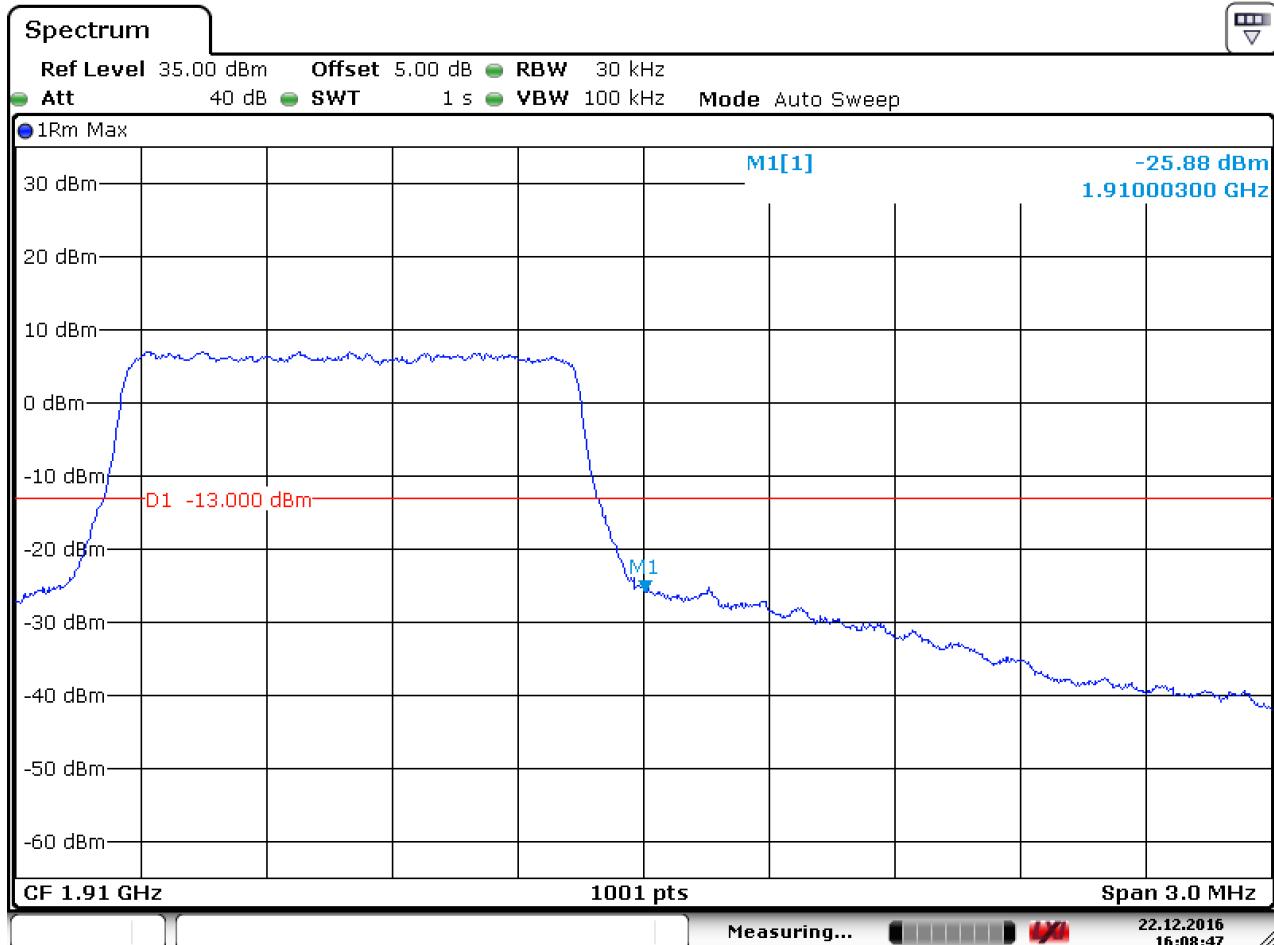
Date: 22.DEC.2016 16:05:56

5.1.1.2.1.2 Test RB=6RB

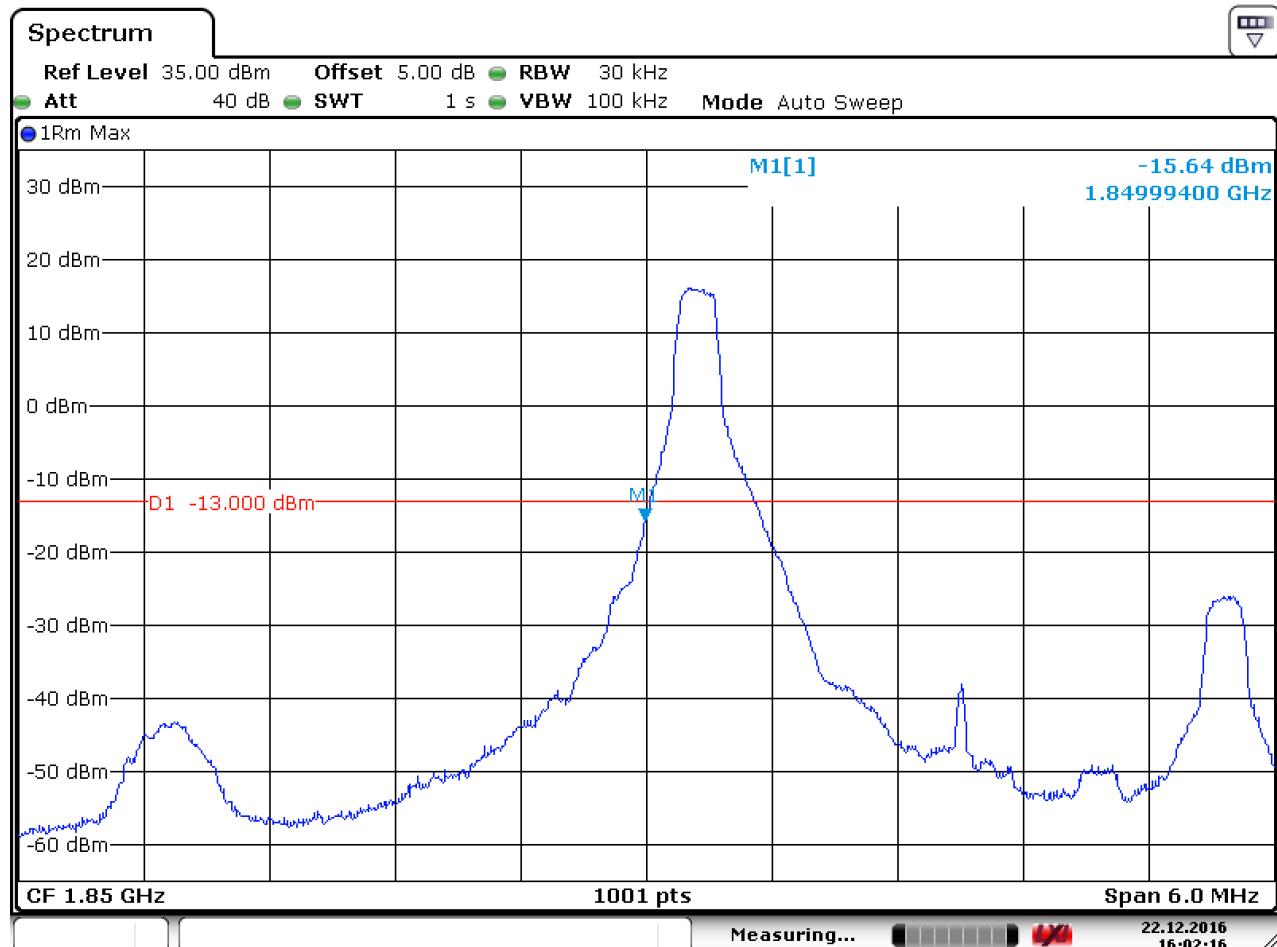
Date: 22.DEC.2016 16:04:53

5.1.1.2.2 Test Channel = HCH**5.1.1.2.2.1 Test RB=1RB**

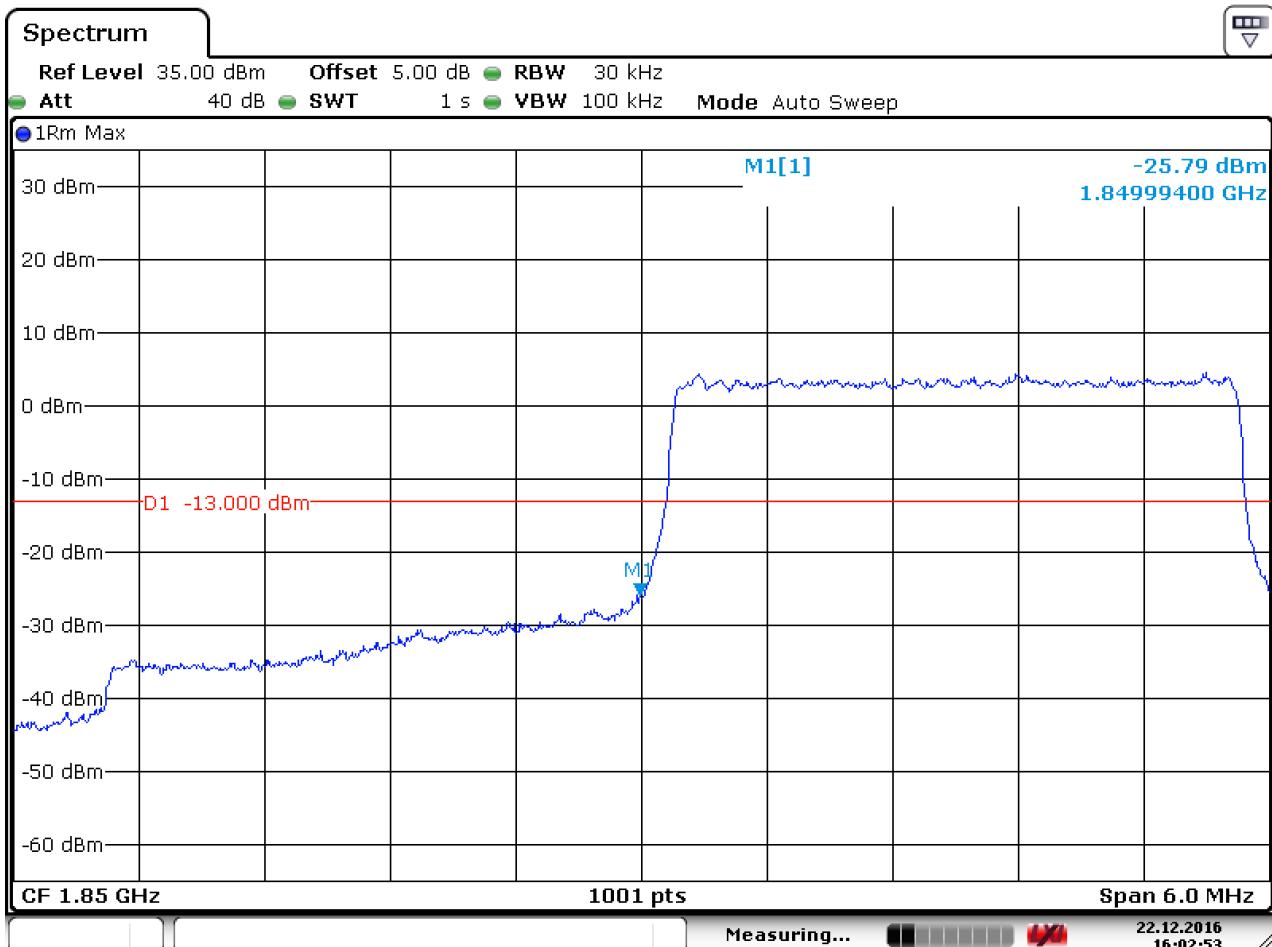
Date: 22.DEC.2016 16:08:05

5.1.1.2.2.2 Test RB=6RB

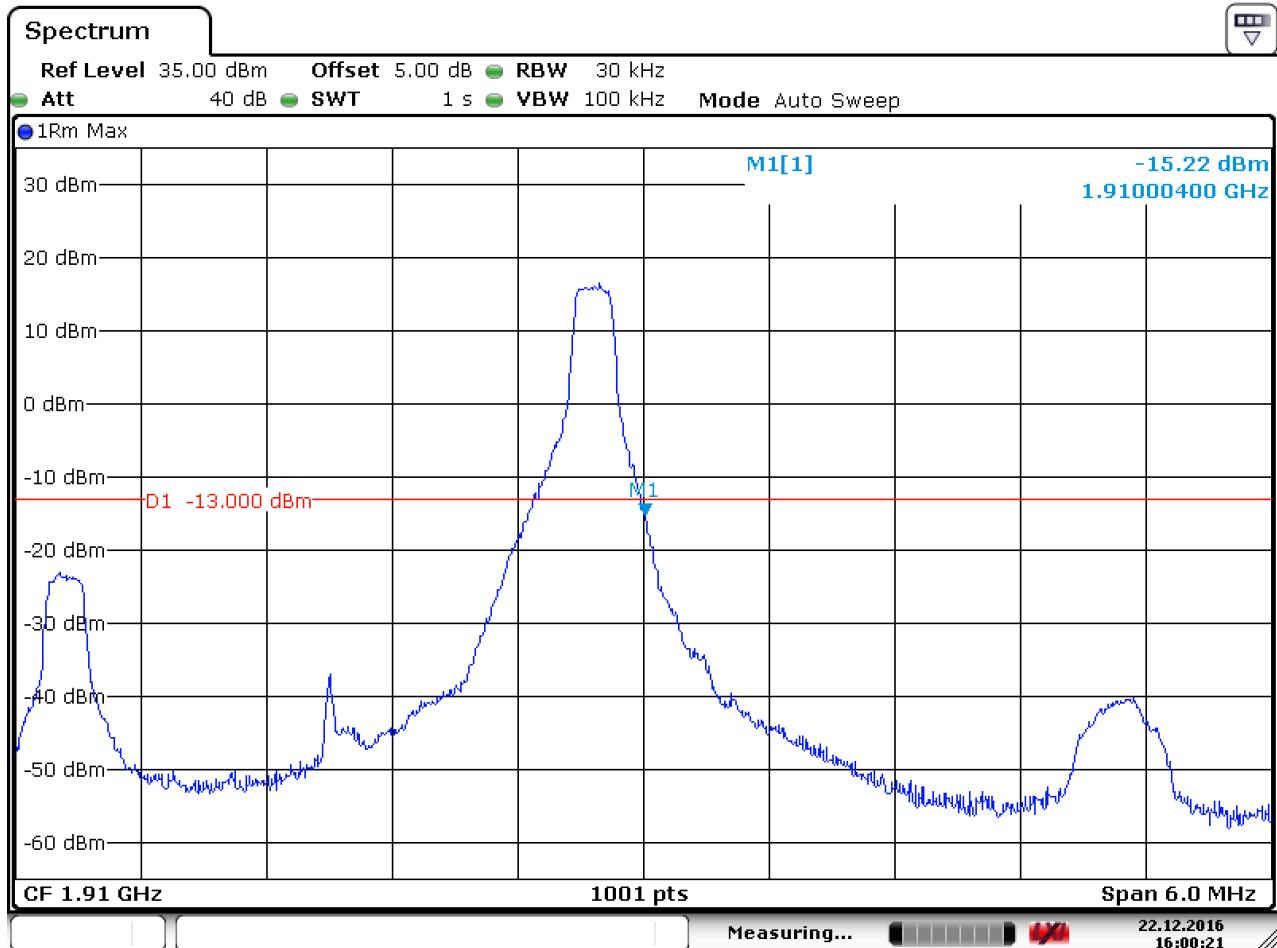
Date: 22.DEC.2016 16:08:48

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**

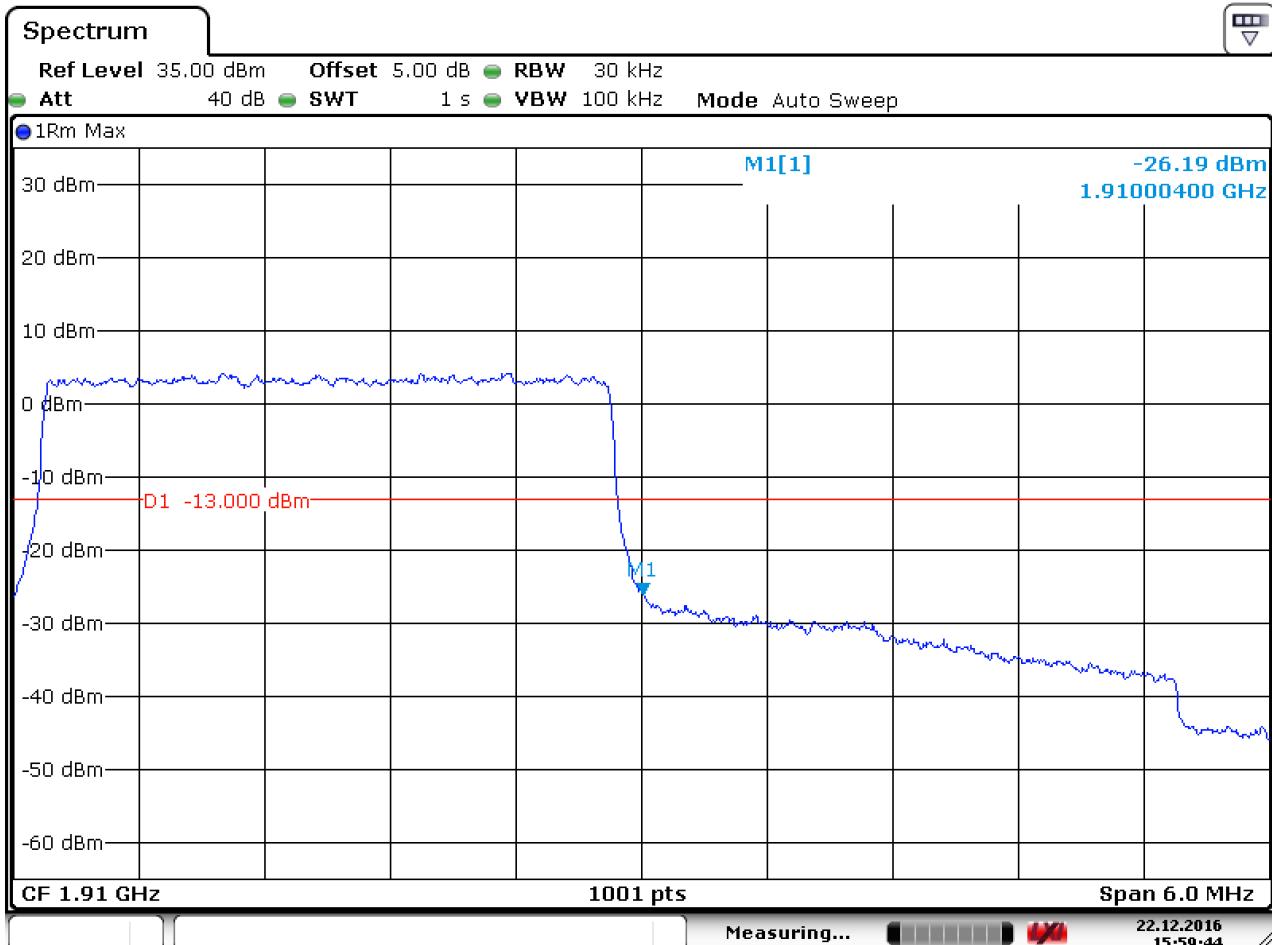
Date: 22.DEC.2016 16:02:16

5.1.1.3.1.2 Test RB=15RB

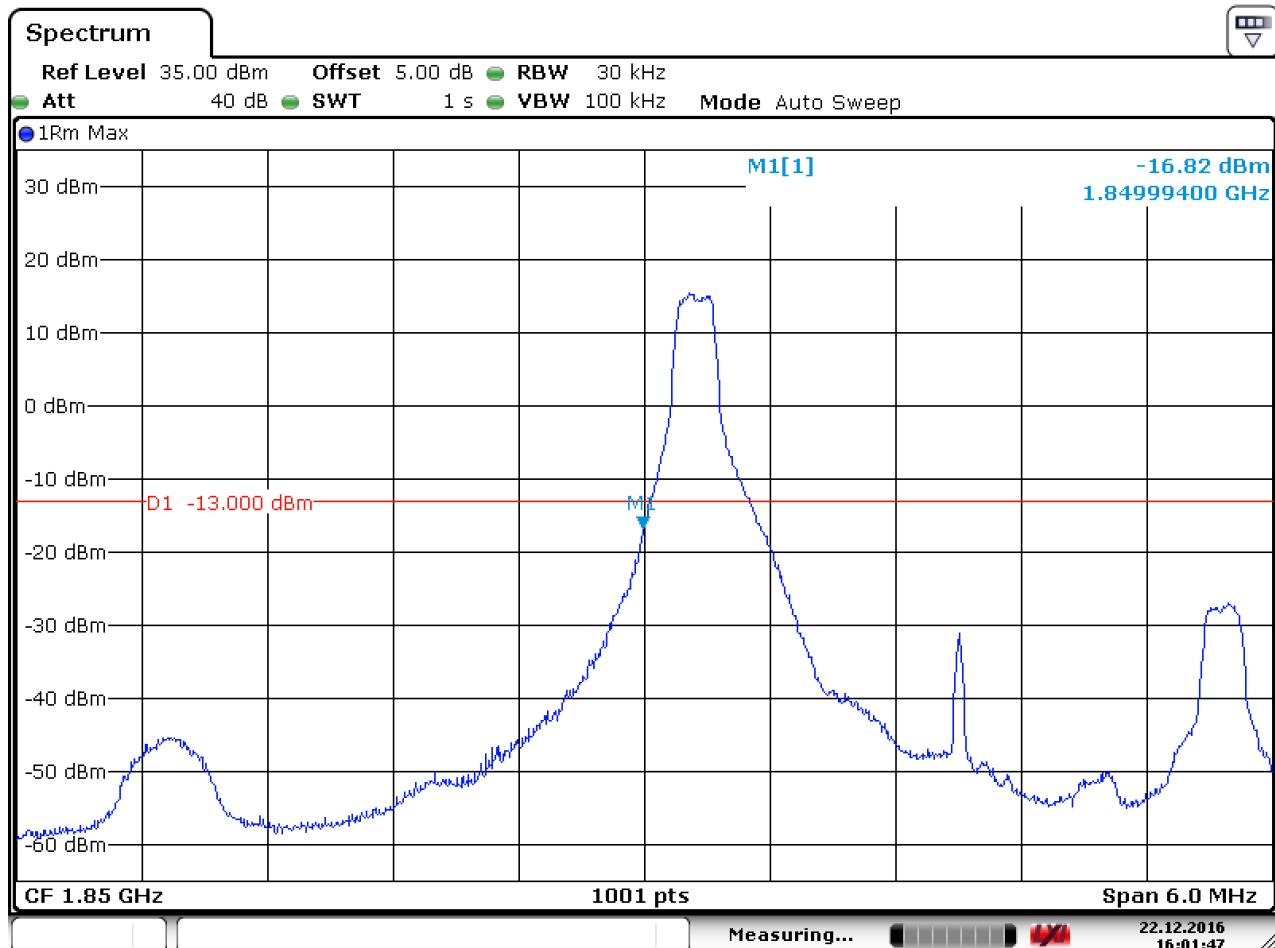
Date: 22.DEC.2016 16:02:53

5.1.1.3.2 Test Channel = HCH**5.1.1.3.2.1 Test RB=1RB**

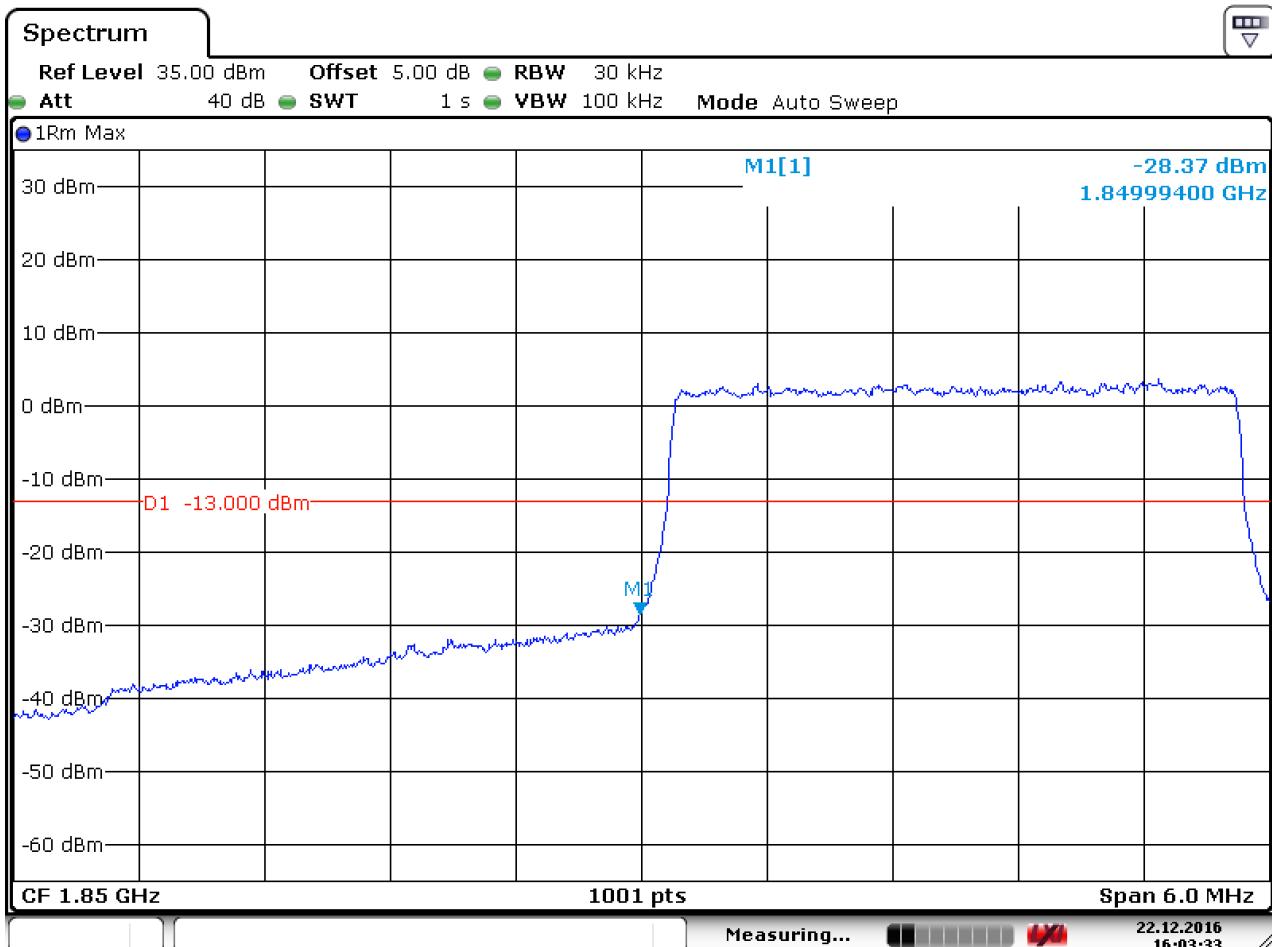
Date: 22.DEC.2016 16:00:21

5.1.1.3.2.2 Test RB=15RB

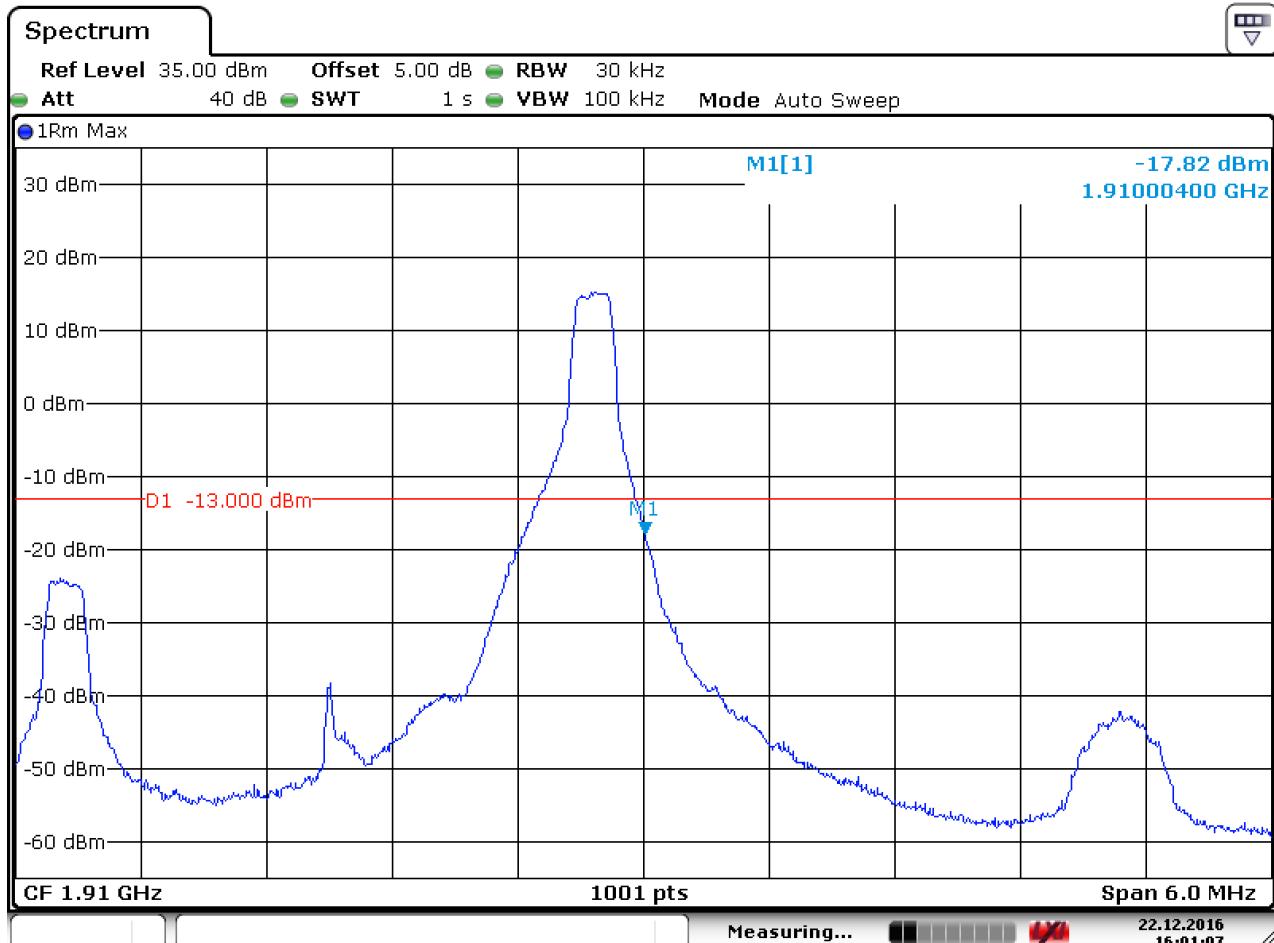
Date: 22.DEC.2016 15:59:45

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**

Date: 22.DEC.2016 16:01:47

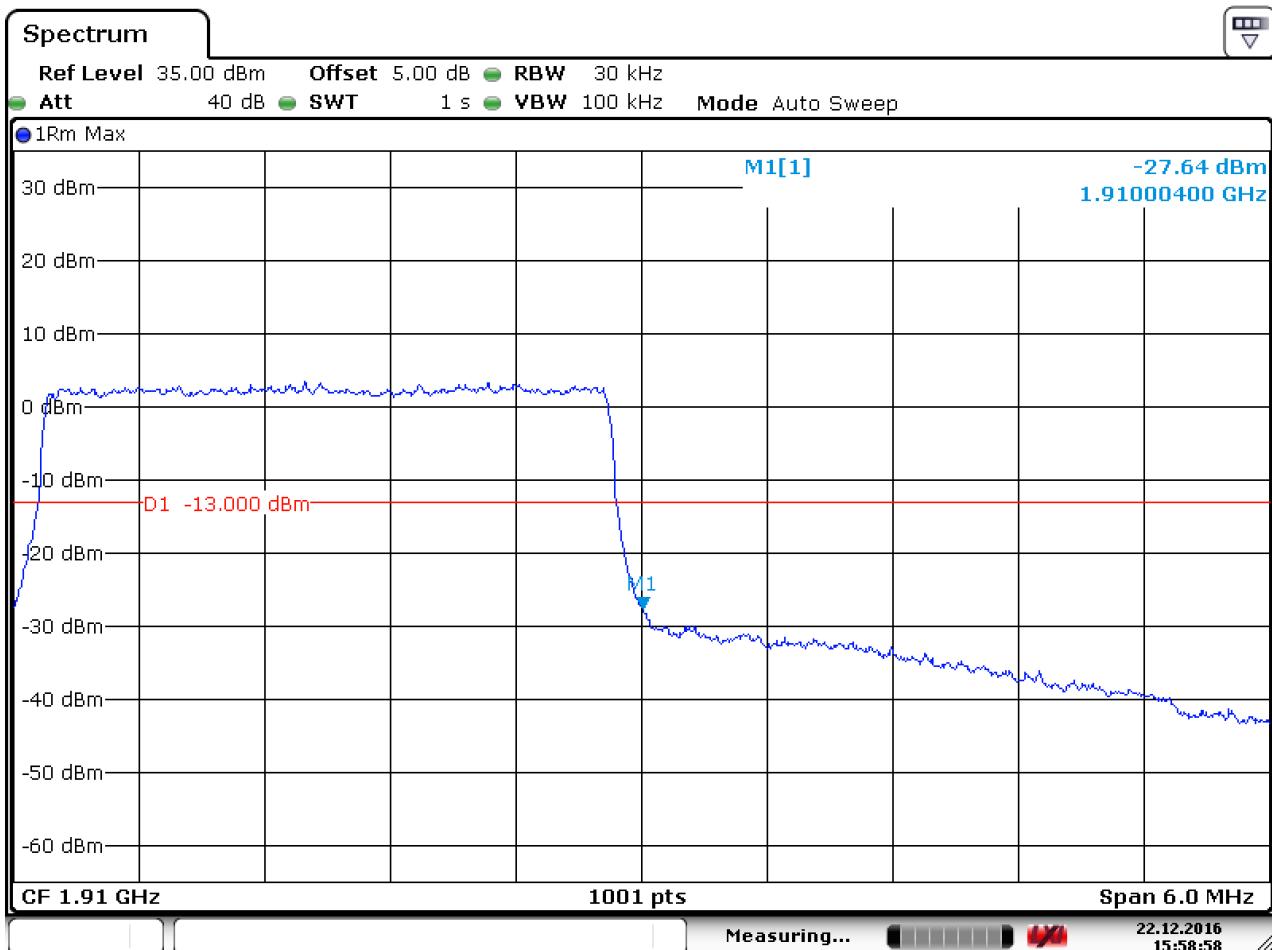
5.1.1.4.1.2 Test RB=15RB

Date: 22.DEC.2016 16:03:33

5.1.1.4.2 Test Channel = HCH**5.1.1.4.2.1 Test RB=1RB**

Date: 22.DEC.2016 16:01:07

5.1.1.4.3 Test RB=15RB

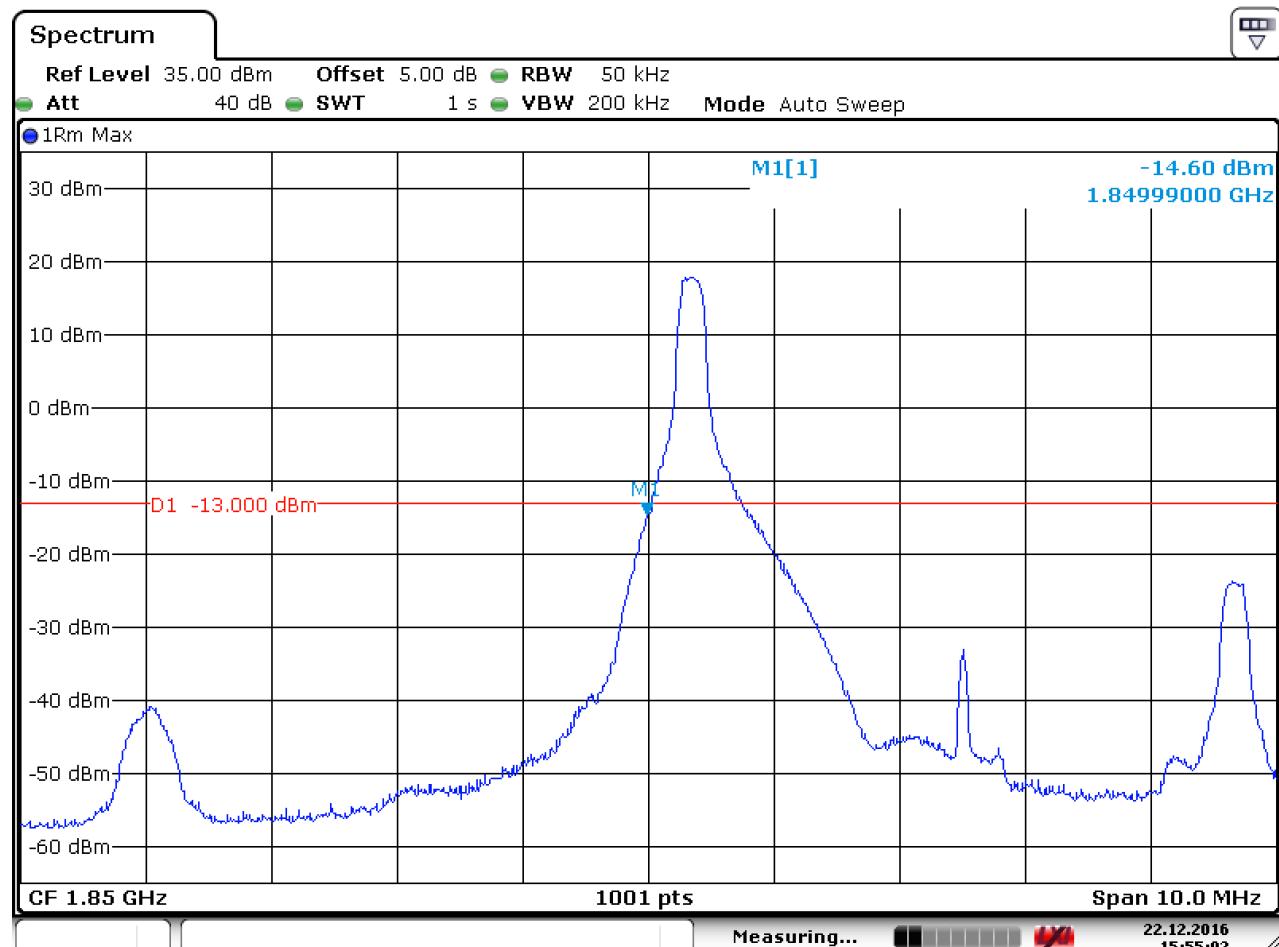


Date: 22.DEC.2016 15:58:59

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



Date: 22.DEC.2016 15:55:02