

Appendix A: Test Results of GPRS/EGPRS

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Appendix A.1: RF Power Output and Effective (Isotropic) Radiated Power Output Data

Test Result

GSM

| Band | Modulation | Channel | PCL | Result (dBm) | ERP | | Limit (watts) | Verdict |
|--------|------------|---------|-----|--------------|-------|-------|---------------|---------|
| | | | | | dBm | Watts | | |
| GSM850 | GMSK | 128 | 5 | 32.46 | 32.45 | 1.758 | 7 | PASS |
| GSM850 | GMSK | 190 | 5 | 32.43 | 32.42 | 1.745 | 7 | PASS |
| GSM850 | GMSK | 251 | 5 | 32.24 | 32.23 | 1.671 | 7 | PASS |

| Band | Modulation | Channel | PCL | Result (dBm) | EIRP | | Limit (watts) | Verdict |
|----------|------------|---------|-----|--------------|-------|-------|---------------|---------|
| | | | | | dBm | Watts | | |
| GPRS1900 | GMSK | 512 | 0 | 29.20 | 31.34 | 1.361 | 2 | PASS |
| GPRS1900 | GMSK | 661 | 0 | 29.89 | 32.03 | 1.596 | 2 | PASS |
| GPRS1900 | GMSK | 810 | 0 | 29.60 | 31.74 | 1.493 | 2 | PASS |

Spot Check

GPRS/EGPRS

| Band | Modulation | Channel | Slot | Result (dBm) | ERP | | Limit (watts) | Verdict |
|----------|------------|---------|------|--------------|-------|-------|---------------|---------|
| | | | | | dBm | Watts | | |
| GPRS850 | GMSK | 128 | 1 | 32.28 | 32.27 | 1.687 | 7 | PASS |
| GPRS850 | GMSK | 190 | 1 | 32.01 | 32.00 | 1.585 | 7 | PASS |
| GPRS850 | GMSK | 251 | 1 | 31.94 | 31.93 | 1.560 | 7 | PASS |
| EGPRS850 | 8PSK | 128 | 1 | 26.79 | 26.78 | 0.476 | 7 | PASS |
| EGPRS850 | 8PSK | 190 | 1 | 26.70 | 26.69 | 0.467 | 7 | PASS |
| EGPRS850 | 8PSK | 251 | 1 | 26.63 | 26.62 | 0.459 | 7 | PASS |

| Band | Modulation | Channel | Slot | Result (dBm) | EIRP | | Limit (watts) | Verdict |
|-----------|------------|---------|------|--------------|-------|-------|---------------|---------|
| | | | | | dBm | Watts | | |
| GPRS1900 | GMSK | 512 | 1 | 29.35 | 31.49 | 1.409 | 2 | PASS |
| GPRS1900 | GMSK | 661 | 1 | 29.85 | 31.99 | 1.581 | 2 | PASS |
| GPRS1900 | GMSK | 810 | 1 | 29.54 | 31.68 | 1.472 | 2 | PASS |
| EGPRS1900 | 8PSK | 512 | 1 | 25.73 | 27.87 | 0.612 | 2 | PASS |
| EGPRS1900 | 8PSK | 661 | 1 | 25.53 | 27.67 | 0.585 | 2 | PASS |
| EGPRS1900 | 8PSK | 810 | 1 | 25.56 | 27.70 | 0.589 | 2 | PASS |

NB-IoT

| Band | OpMode | SCS | BW | Modu | Channel | Tones | Result (dBm) | Verdict |
|--------|-------------|---------|-----|------|---------|-------|--------------|---------|
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18900 | 1@0 | 23.05 | PASS |
| Band2 | Stand-Alone | 3.75kHz | NaN | BPSK | 18900 | 1@47 | 22.98 | PASS |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18900 | 1@0 | 23.04 | PASS |
| Band2 | Stand-Alone | 3.75kHz | NaN | QPSK | 18900 | 1@47 | 22.99 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | BPSK | 18900 | 3@3 | 23.37 | PASS |
| Band2 | Stand-Alone | 15kHz | NaN | QPSK | 18900 | 3@3 | 23.37 | PASS |
| Band4 | Stand-Alone | 3.75kHz | NaN | BPSK | 20175 | 1@0 | 23.43 | PASS |
| Band4 | Stand-Alone | 3.75kHz | NaN | BPSK | 20175 | 1@47 | 23.41 | PASS |
| Band4 | Stand-Alone | 3.75kHz | NaN | QPSK | 20175 | 1@0 | 23.45 | PASS |
| Band4 | Stand-Alone | 3.75kHz | NaN | QPSK | 20175 | 1@47 | 23.40 | PASS |
| Band4 | Stand-Alone | 15kHz | NaN | BPSK | 20175 | 3@3 | 23.71 | PASS |
| Band4 | Stand-Alone | 15kHz | NaN | QPSK | 20175 | 3@3 | 23.72 | PASS |
| Band5 | Stand-Alone | 3.75kHz | NaN | BPSK | 20525 | 1@0 | 23.32 | PASS |
| Band5 | Stand-Alone | 3.75kHz | NaN | BPSK | 20525 | 1@47 | 23.27 | PASS |
| Band5 | Stand-Alone | 3.75kHz | NaN | QPSK | 20525 | 1@0 | 23.37 | PASS |
| Band5 | Stand-Alone | 3.75kHz | NaN | QPSK | 20525 | 1@47 | 23.34 | PASS |
| Band5 | Stand-Alone | 15kHz | NaN | BPSK | 20525 | 3@3 | 23.71 | PASS |
| Band5 | Stand-Alone | 15kHz | NaN | QPSK | 20525 | 3@3 | 23.79 | PASS |
| Band12 | Stand-Alone | 3.75kHz | NaN | BPSK | 23095 | 1@0 | 23.09 | PASS |
| Band12 | Stand-Alone | 3.75kHz | NaN | BPSK | 23095 | 1@47 | 23.04 | PASS |
| Band12 | Stand-Alone | 3.75kHz | NaN | QPSK | 23095 | 1@0 | 23.13 | PASS |
| Band12 | Stand-Alone | 3.75kHz | NaN | QPSK | 23095 | 1@47 | 23.10 | PASS |
| Band12 | Stand-Alone | 15kHz | NaN | BPSK | 23095 | 3@3 | 23.39 | PASS |
| Band12 | Stand-Alone | 15kHz | NaN | QPSK | 23095 | 3@3 | 23.40 | PASS |
| Band13 | Stand-Alone | 15kHz | NaN | BPSK | 23230 | 3@3 | 23.51 | PASS |
| Band13 | Stand-Alone | 15kHz | NaN | QPSK | 23230 | 3@3 | 23.53 | PASS |
| Band25 | Stand-Alone | 15kHz | NaN | BPSK | 26365 | 3@3 | 23.54 | PASS |
| Band25 | Stand-Alone | 15kHz | NaN | QPSK | 26365 | 3@3 | 23.67 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | BPSK | 26039 | 1@0 | 23.12 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | BPSK | 26039 | 1@47 | 23.14 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | QPSK | 26039 | 1@0 | 23.28 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | QPSK | 26039 | 1@47 | 23.26 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | BPSK | 26740 | 1@0 | 23.13 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | BPSK | 26740 | 1@47 | 23.03 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | QPSK | 26740 | 1@0 | 23.20 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | QPSK | 26740 | 1@47 | 23.10 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | BPSK | 26915 | 1@0 | 23.22 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | BPSK | 26915 | 1@47 | 23.23 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | QPSK | 26915 | 1@0 | 23.25 | PASS |
| Band26 | Stand-Alone | 3.75kHz | NaN | QPSK | 26915 | 1@47 | 23.18 | PASS |
| Band26 | Stand-Alone | 15kHz | NaN | BPSK | 26740 | 3@3 | 23.34 | PASS |
| Band26 | Stand-Alone | 15kHz | NaN | QPSK | 26740 | 3@3 | 23.35 | PASS |
| Band26 | Stand-Alone | 15kHz | NaN | BPSK | 26915 | 3@3 | 23.49 | PASS |
| Band26 | Stand-Alone | 15kHz | NaN | QPSK | 26915 | 3@3 | 23.51 | PASS |
| Band66 | Stand-Alone | 3.75kHz | NaN | BPSK | 132322 | 1@0 | 23.43 | PASS |
| Band66 | Stand-Alone | 3.75kHz | NaN | BPSK | 132322 | 1@47 | 23.47 | PASS |
| Band66 | Stand-Alone | 3.75kHz | NaN | QPSK | 132322 | 1@0 | 23.47 | PASS |
| Band66 | Stand-Alone | 3.75kHz | NaN | QPSK | 132322 | 1@47 | 23.52 | PASS |
| Band66 | Stand-Alone | 15kHz | NaN | BPSK | 132322 | 3@3 | 23.69 | PASS |
| Band66 | Stand-Alone | 15kHz | NaN | QPSK | 132322 | 3@3 | 23.54 | PASS |
| Band71 | Stand-Alone | 3.75kHz | NaN | BPSK | 133297 | 1@0 | 21.70 | PASS |
| Band71 | Stand-Alone | 3.75kHz | NaN | BPSK | 133297 | 1@47 | 21.64 | PASS |
| Band71 | Stand-Alone | 3.75kHz | NaN | QPSK | 133297 | 1@0 | 21.76 | PASS |
| Band71 | Stand-Alone | 3.75kHz | NaN | QPSK | 133297 | 1@47 | 21.71 | PASS |
| Band71 | Stand-Alone | 15kHz | NaN | BPSK | 133297 | 3@3 | 21.75 | PASS |
| Band71 | Stand-Alone | 15kHz | NaN | QPSK | 133297 | 3@3 | 21.66 | PASS |
| Band85 | Stand-Alone | 3.75kHz | NaN | BPSK | 134092 | 1@0 | 22.95 | PASS |
| Band85 | Stand-Alone | 3.75kHz | NaN | BPSK | 134092 | 1@47 | 22.94 | PASS |
| Band85 | Stand-Alone | 3.75kHz | NaN | QPSK | 134092 | 1@0 | 23.03 | PASS |

Produkte

Products

| | | | | | | | | |
|--------|-------------|---------|-----|------|--------|------|-------|------|
| Band85 | Stand-Alone | 3.75kHz | NaN | QPSK | 134092 | 1@47 | 23.02 | PASS |
| Band85 | Stand-Alone | 15kHz | NaN | BPSK | 134092 | 3@3 | 23.42 | PASS |
| Band85 | Stand-Alone | 15kHz | NaN | QPSK | 134092 | 3@3 | 23.40 | PASS |

eMTC

| Band | Bandwidth | Modulation | Channel | RB Size | RB Start | NBIndex | Result(dBm) | Verdict |
|--------|-----------|------------|---------|---------|----------|---------|-------------|---------|
| Band2 | 1.4MHz | 18607 | QPSK | 1 | 0 | Low | 23.40 | PASS |
| Band2 | 1.4MHz | 18607 | QPSK | 6 | 0 | Low | 21.64 | PASS |
| Band2 | 1.4MHz | 18607 | 16QAM | 1 | 0 | Low | 22.44 | PASS |
| Band2 | 1.4MHz | 18607 | 16QAM | 6 | 0 | Low | 21.54 | PASS |
| Band2 | 1.4MHz | 19193 | QPSK | 1 | 5 | Low | 23.31 | PASS |
| Band2 | 1.4MHz | 19193 | QPSK | 6 | 0 | Low | 21.21 | PASS |
| Band2 | 1.4MHz | 19193 | 16QAM | 1 | 5 | Low | 22.11 | PASS |
| Band2 | 1.4MHz | 19193 | 16QAM | 6 | 0 | Low | 21.40 | PASS |
| Band2 | 20MHz | 18900 | QPSK | 1 | 0 | Low | 23.26 | PASS |
| Band2 | 20MHz | 18900 | QPSK | 6 | 0 | Low | 23.14 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 1 | 0 | Low | 23.29 | PASS |
| Band2 | 20MHz | 18900 | 16QAM | 6 | 0 | Low | 23.22 | PASS |
| Band4 | 1.4MHz | 19957 | QPSK | 1 | 0 | Low | 23.65 | PASS |
| Band4 | 1.4MHz | 19957 | QPSK | 6 | 0 | Low | 21.67 | PASS |
| Band4 | 1.4MHz | 19957 | 16QAM | 1 | 0 | Low | 22.53 | PASS |
| Band4 | 1.4MHz | 19957 | 16QAM | 6 | 0 | Low | 21.58 | PASS |
| Band4 | 1.4MHz | 20393 | QPSK | 1 | 5 | Low | 23.95 | PASS |
| Band4 | 1.4MHz | 20393 | QPSK | 6 | 0 | Low | 21.78 | PASS |
| Band4 | 1.4MHz | 20393 | 16QAM | 1 | 5 | Low | 22.79 | PASS |
| Band4 | 1.4MHz | 20393 | 16QAM | 6 | 0 | Low | 21.90 | PASS |
| Band4 | 20MHz | 20175 | QPSK | 1 | 0 | Low | 23.72 | PASS |
| Band4 | 20MHz | 20175 | QPSK | 6 | 0 | Low | 23.46 | PASS |
| Band4 | 20MHz | 20175 | 16QAM | 1 | 0 | Low | 23.64 | PASS |
| Band4 | 20MHz | 20175 | 16QAM | 6 | 0 | Low | 23.55 | PASS |
| Band5 | 1.4MHz | 20407 | QPSK | 1 | 0 | Low | 23.56 | PASS |
| Band5 | 1.4MHz | 20407 | QPSK | 6 | 0 | Low | 21.71 | PASS |
| Band5 | 1.4MHz | 20407 | 16QAM | 1 | 0 | Low | 22.61 | PASS |
| Band5 | 1.4MHz | 20407 | 16QAM | 6 | 0 | Low | 21.73 | PASS |
| Band5 | 1.4MHz | 20525 | QPSK | 1 | 0 | Low | 23.55 | PASS |
| Band5 | 1.4MHz | 20525 | QPSK | 6 | 0 | Low | 21.52 | PASS |
| Band5 | 1.4MHz | 20525 | 16QAM | 1 | 0 | Low | 22.40 | PASS |
| Band5 | 1.4MHz | 20525 | 16QAM | 6 | 0 | Low | 21.51 | PASS |
| Band5 | 1.4MHz | 20643 | QPSK | 1 | 5 | Low | 23.49 | PASS |
| Band5 | 1.4MHz | 20643 | QPSK | 6 | 0 | Low | 21.14 | PASS |
| Band5 | 1.4MHz | 20643 | 16QAM | 1 | 5 | Low | 22.10 | PASS |
| Band5 | 1.4MHz | 20643 | 16QAM | 6 | 0 | Low | 21.32 | PASS |
| Band12 | 1.4MHz | 23017 | QPSK | 1 | 0 | Low | 23.20 | PASS |
| Band12 | 1.4MHz | 23017 | QPSK | 6 | 0 | Low | 21.45 | PASS |
| Band12 | 1.4MHz | 23017 | 16QAM | 1 | 0 | Low | 22.35 | PASS |
| Band12 | 1.4MHz | 23017 | 16QAM | 6 | 0 | Low | 21.44 | PASS |
| Band12 | 1.4MHz | 23095 | QPSK | 1 | 0 | Low | 23.39 | PASS |
| Band12 | 1.4MHz | 23095 | QPSK | 6 | 0 | Low | 21.09 | PASS |
| Band12 | 1.4MHz | 23095 | 16QAM | 1 | 0 | Low | 22.16 | PASS |
| Band12 | 1.4MHz | 23095 | 16QAM | 6 | 0 | Low | 21.32 | PASS |
| Band12 | 1.4MHz | 23173 | QPSK | 1 | 5 | Low | 23.53 | PASS |
| Band12 | 1.4MHz | 23173 | QPSK | 6 | 0 | Low | 21.38 | PASS |
| Band12 | 1.4MHz | 23173 | 16QAM | 1 | 5 | Low | 22.55 | PASS |
| Band12 | 1.4MHz | 23173 | 16QAM | 6 | 0 | Low | 21.49 | PASS |
| Band13 | 5MHz | 23205 | QPSK | 1 | 0 | Low | 23.48 | PASS |
| Band13 | 5MHz | 23205 | QPSK | 6 | 0 | Low | 22.42 | PASS |
| Band13 | 5MHz | 23205 | 16QAM | 1 | 0 | Low | 23.57 | PASS |
| Band13 | 5MHz | 23205 | 16QAM | 6 | 0 | Low | 22.51 | PASS |
| Band13 | 5MHz | 23255 | QPSK | 1 | 5 | High | 23.34 | PASS |
| Band13 | 5MHz | 23255 | QPSK | 3 | 3 | High | 22.35 | PASS |

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Products

| | | | | | | | | |
|--------|--------|-------|-------|---|---|------|-------|------|
| Band13 | 5MHz | 23255 | 16QAM | 1 | 5 | High | 23.59 | PASS |
| Band13 | 5MHz | 23255 | 16QAM | 3 | 3 | High | 22.63 | PASS |
| Band13 | 10MHz | 23230 | QPSK | 1 | 0 | Low | 23.49 | PASS |
| Band13 | 10MHz | 23230 | QPSK | 1 | 5 | High | 23.46 | PASS |
| Band13 | 10MHz | 23230 | QPSK | 5 | 0 | Low | 22.38 | PASS |
| Band13 | 10MHz | 23230 | QPSK | 5 | 1 | High | 22.53 | PASS |
| Band13 | 10MHz | 23230 | 16QAM | 1 | 0 | Low | 23.59 | PASS |
| Band13 | 10MHz | 23230 | 16QAM | 1 | 5 | High | 23.32 | PASS |
| Band13 | 10MHz | 23230 | 16QAM | 5 | 0 | Low | 22.50 | PASS |
| Band13 | 10MHz | 23230 | 16QAM | 5 | 1 | High | 22.55 | PASS |
| Band25 | 1.4MHz | 26047 | QPSK | 1 | 0 | Low | 23.49 | PASS |
| Band25 | 1.4MHz | 26047 | QPSK | 6 | 0 | Low | 21.83 | PASS |
| Band25 | 1.4MHz | 26047 | 16QAM | 1 | 0 | Low | 22.57 | PASS |
| Band25 | 1.4MHz | 26047 | 16QAM | 6 | 0 | Low | 21.70 | PASS |
| Band25 | 1.4MHz | 26683 | QPSK | 1 | 5 | Low | 23.43 | PASS |
| Band25 | 1.4MHz | 26683 | QPSK | 6 | 0 | Low | 21.33 | PASS |
| Band25 | 1.4MHz | 26683 | 16QAM | 1 | 5 | Low | 22.24 | PASS |
| Band25 | 1.4MHz | 26683 | 16QAM | 6 | 0 | Low | 21.43 | PASS |
| Band25 | 20MHz | 26365 | QPSK | 1 | 0 | Low | 23.21 | PASS |
| Band25 | 20MHz | 26365 | QPSK | 6 | 0 | Low | 23.00 | PASS |
| Band25 | 20MHz | 26365 | 16QAM | 1 | 0 | Low | 23.30 | PASS |
| Band25 | 20MHz | 26365 | 16QAM | 6 | 0 | Low | 23.31 | PASS |
| Band26 | 1.4MHz | 26697 | QPSK | 1 | 0 | Low | 22.83 | PASS |
| Band26 | 1.4MHz | 26697 | QPSK | 6 | 0 | Low | 21.01 | PASS |
| Band26 | 1.4MHz | 26697 | 16QAM | 1 | 0 | Low | 21.93 | PASS |
| Band26 | 1.4MHz | 26697 | 16QAM | 6 | 0 | Low | 20.99 | PASS |
| Band26 | 1.4MHz | 26740 | QPSK | 1 | 0 | Low | 23.02 | PASS |
| Band26 | 1.4MHz | 26740 | QPSK | 6 | 0 | Low | 21.28 | PASS |
| Band26 | 1.4MHz | 26740 | 16QAM | 1 | 0 | Low | 22.13 | PASS |
| Band26 | 1.4MHz | 26740 | 16QAM | 6 | 0 | Low | 21.27 | PASS |
| Band26 | 1.4MHz | 26783 | QPSK | 1 | 5 | Low | 23.38 | PASS |
| Band26 | 1.4MHz | 26783 | QPSK | 6 | 0 | Low | 21.06 | PASS |
| Band26 | 1.4MHz | 26783 | 16QAM | 1 | 5 | Low | 21.84 | PASS |
| Band26 | 1.4MHz | 26783 | 16QAM | 6 | 0 | Low | 21.33 | PASS |
| Band26 | 1.4MHz | 26797 | QPSK | 1 | 0 | Low | 23.29 | PASS |
| Band26 | 1.4MHz | 26797 | QPSK | 6 | 0 | Low | 21.38 | PASS |
| Band26 | 1.4MHz | 26797 | 16QAM | 1 | 0 | Low | 22.31 | PASS |
| Band26 | 1.4MHz | 26797 | 16QAM | 6 | 0 | Low | 21.38 | PASS |
| Band26 | 1.4MHz | 26915 | QPSK | 1 | 0 | Low | 23.22 | PASS |
| Band26 | 1.4MHz | 26915 | QPSK | 6 | 0 | Low | 21.37 | PASS |
| Band26 | 1.4MHz | 26915 | 16QAM | 1 | 0 | Low | 22.26 | PASS |
| Band26 | 1.4MHz | 26915 | 16QAM | 6 | 0 | Low | 21.36 | PASS |
| Band26 | 1.4MHz | 27033 | QPSK | 1 | 5 | Low | 23.01 | PASS |
| Band26 | 1.4MHz | 27033 | QPSK | 6 | 0 | Low | 21.05 | PASS |
| Band26 | 1.4MHz | 27033 | 16QAM | 1 | 5 | Low | 21.63 | PASS |
| Band26 | 1.4MHz | 27033 | 16QAM | 6 | 0 | Low | 20.65 | PASS |
| Band26 | 10MHz | 26740 | QPSK | 1 | 0 | Low | 23.10 | PASS |
| Band26 | 10MHz | 26740 | QPSK | 1 | 5 | High | 23.28 | PASS |
| Band26 | 10MHz | 26740 | QPSK | 5 | 0 | Low | 22.03 | PASS |
| Band26 | 10MHz | 26740 | QPSK | 5 | 1 | High | 22.38 | PASS |
| Band26 | 10MHz | 26740 | 16QAM | 1 | 0 | Low | 23.03 | PASS |
| Band26 | 10MHz | 26740 | 16QAM | 1 | 5 | High | 23.39 | PASS |
| Band26 | 10MHz | 26740 | 16QAM | 5 | 0 | Low | 22.10 | PASS |
| Band26 | 10MHz | 26740 | 16QAM | 5 | 1 | High | 22.40 | PASS |
| Band26 | 10MHz | 26840 | QPSK | 1 | 0 | Low | 23.40 | PASS |
| Band26 | 10MHz | 26840 | QPSK | 5 | 0 | Low | 22.37 | PASS |
| Band26 | 10MHz | 26840 | 16QAM | 1 | 0 | Low | 23.53 | PASS |
| Band26 | 10MHz | 26840 | 16QAM | 5 | 0 | Low | 22.35 | PASS |
| Band26 | 10MHz | 26915 | QPSK | 1 | 0 | Low | 23.41 | PASS |
| Band26 | 10MHz | 26915 | QPSK | 5 | 0 | Low | 22.36 | PASS |
| Band26 | 10MHz | 26915 | 16QAM | 1 | 0 | Low | 23.51 | PASS |
| Band26 | 10MHz | 26915 | 16QAM | 5 | 0 | Low | 22.46 | PASS |

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Products

| | | | | | | | | |
|--------|--------|--------|-------|---|---|------|-------|------|
| Band26 | 10MHz | 26990 | QPSK | 1 | 5 | High | 23.09 | PASS |
| Band26 | 10MHz | 26990 | QPSK | 5 | 1 | High | 21.92 | PASS |
| Band26 | 10MHz | 26990 | 16QAM | 1 | 5 | High | 22.86 | PASS |
| Band26 | 10MHz | 26990 | 16QAM | 5 | 1 | High | 22.08 | PASS |
| Band26 | 15MHz | 26865 | QPSK | 1 | 0 | Low | 23.36 | PASS |
| Band26 | 15MHz | 26865 | QPSK | 6 | 0 | Low | 23.38 | PASS |
| Band26 | 15MHz | 26865 | 16QAM | 1 | 0 | Low | 23.57 | PASS |
| Band26 | 15MHz | 26865 | 16QAM | 6 | 0 | Low | 23.45 | PASS |
| Band26 | 15MHz | 26915 | QPSK | 1 | 0 | Low | 23.39 | PASS |
| Band26 | 15MHz | 26915 | QPSK | 6 | 0 | Low | 23.36 | PASS |
| Band26 | 15MHz | 26915 | 16QAM | 1 | 0 | Low | 23.55 | PASS |
| Band26 | 15MHz | 26915 | 16QAM | 6 | 0 | Low | 23.47 | PASS |
| Band26 | 15MHz | 26965 | QPSK | 1 | 5 | High | 23.05 | PASS |
| Band26 | 15MHz | 26965 | QPSK | 6 | 0 | High | 23.03 | PASS |
| Band26 | 15MHz | 26965 | 16QAM | 1 | 5 | High | 22.88 | PASS |
| Band26 | 15MHz | 26965 | 16QAM | 6 | 0 | High | 23.07 | PASS |
| Band66 | 1.4MHz | 131979 | QPSK | 1 | 0 | Low | 23.69 | PASS |
| Band66 | 1.4MHz | 131979 | QPSK | 6 | 0 | Low | 21.47 | PASS |
| Band66 | 1.4MHz | 131979 | 16QAM | 1 | 0 | Low | 22.50 | PASS |
| Band66 | 1.4MHz | 131979 | 16QAM | 6 | 0 | Low | 21.47 | PASS |
| Band66 | 1.4MHz | 132665 | QPSK | 1 | 5 | Low | 23.89 | PASS |
| Band66 | 1.4MHz | 132665 | QPSK | 6 | 0 | Low | 21.69 | PASS |
| Band66 | 1.4MHz | 132665 | 16QAM | 1 | 5 | Low | 22.46 | PASS |
| Band66 | 1.4MHz | 132665 | 16QAM | 6 | 0 | Low | 21.87 | PASS |
| Band66 | 20MHz | 132322 | QPSK | 1 | 0 | Low | 23.38 | PASS |
| Band66 | 20MHz | 132322 | QPSK | 6 | 0 | Low | 23.39 | PASS |
| Band66 | 20MHz | 132322 | 16QAM | 1 | 0 | Low | 23.43 | PASS |
| Band66 | 20MHz | 132322 | 16QAM | 6 | 0 | Low | 23.55 | PASS |
| Band85 | 5MHz | 134027 | QPSK | 1 | 0 | Low | 23.11 | PASS |
| Band85 | 5MHz | 134027 | QPSK | 6 | 0 | Low | 21.99 | PASS |
| Band85 | 5MHz | 134027 | 16QAM | 1 | 0 | Low | 23.19 | PASS |
| Band85 | 5MHz | 134027 | 16QAM | 6 | 0 | Low | 22.17 | PASS |
| Band85 | 5MHz | 134157 | QPSK | 1 | 5 | High | 23.21 | PASS |
| Band85 | 5MHz | 134157 | QPSK | 3 | 3 | High | 22.21 | PASS |
| Band85 | 5MHz | 134157 | 16QAM | 1 | 5 | High | 23.34 | PASS |
| Band85 | 5MHz | 134157 | 16QAM | 3 | 3 | High | 22.40 | PASS |
| Band85 | 10MHz | 134092 | QPSK | 1 | 0 | Low | 23.04 | PASS |
| Band85 | 10MHz | 134092 | QPSK | 1 | 5 | High | 23.17 | PASS |
| Band85 | 10MHz | 134092 | QPSK | 5 | 0 | Low | 22.03 | PASS |
| Band85 | 10MHz | 134092 | QPSK | 5 | 1 | High | 22.04 | PASS |
| Band85 | 10MHz | 134092 | 16QAM | 1 | 0 | Low | 23.04 | PASS |
| Band85 | 10MHz | 134092 | 16QAM | 1 | 5 | High | 23.11 | PASS |
| Band85 | 10MHz | 134092 | 16QAM | 5 | 0 | Low | 22.19 | PASS |
| Band85 | 10MHz | 134092 | 16QAM | 5 | 1 | High | 22.28 | PASS |

Note:

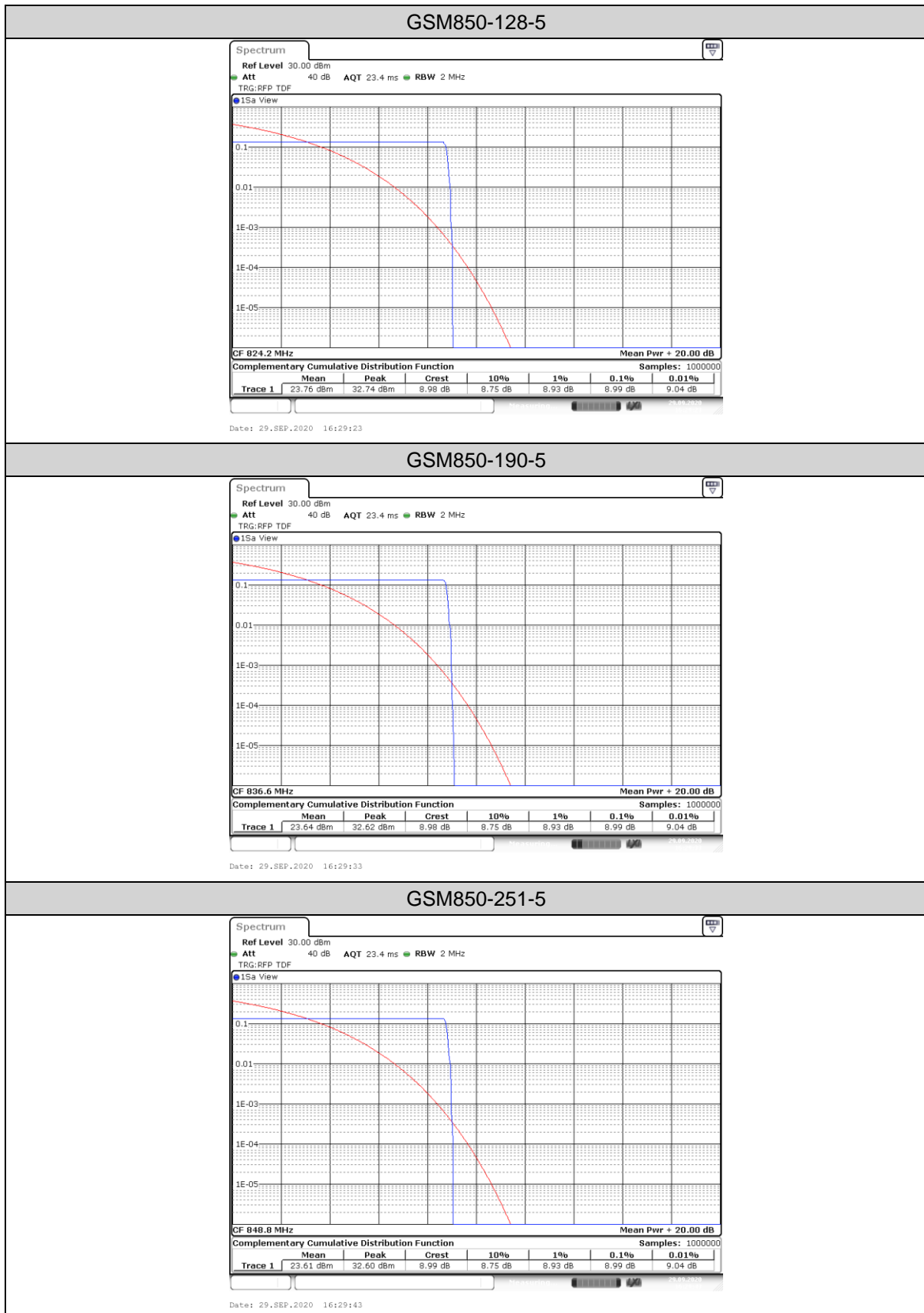
All slot configuration have been tested, only the worst-case data are reported.
The external antenna gain used is 2.14dBi

Appendix A.2: Peak-to-Average Ratio (CCDF)

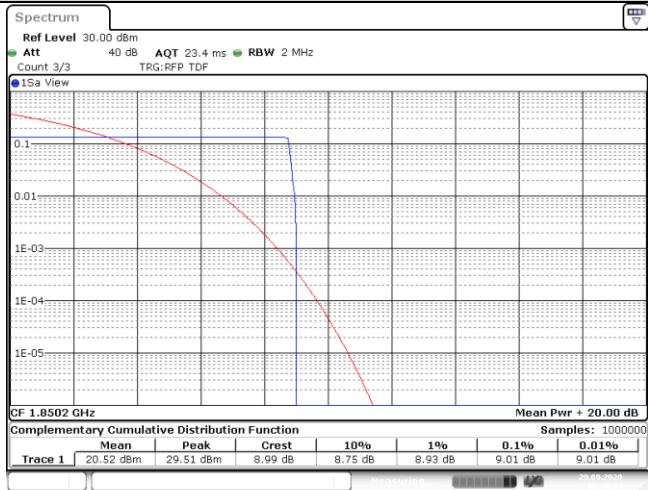
Test Result

| Band | Channel | PCL | Result(dB) | Limit(dB) | Verdict |
|---------|---------|-----|------------|-----------|---------|
| GSM850 | 128 | 5 | 8.99 | 13 | PASS |
| GSM850 | 190 | 5 | 8.99 | 13 | PASS |
| GSM850 | 251 | 5 | 8.99 | 13 | PASS |
| GSM1900 | 512 | 0 | 9.01 | 13 | PASS |
| GSM1900 | 661 | 0 | 9.04 | 13 | PASS |
| GSM1900 | 810 | 0 | 9.07 | 13 | PASS |

Test Graphs

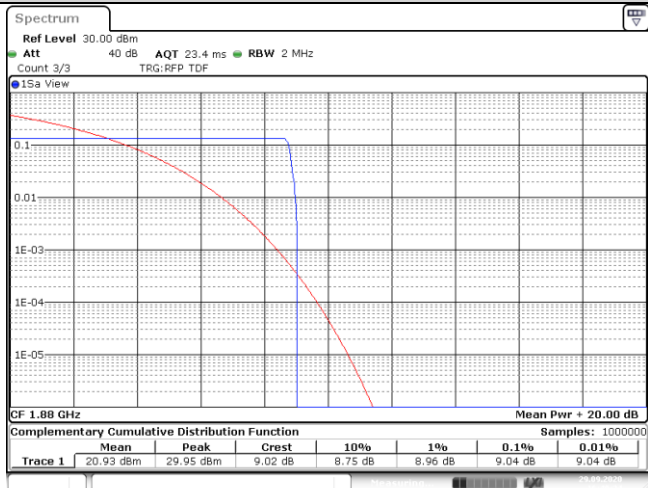


GSM1900-512-0



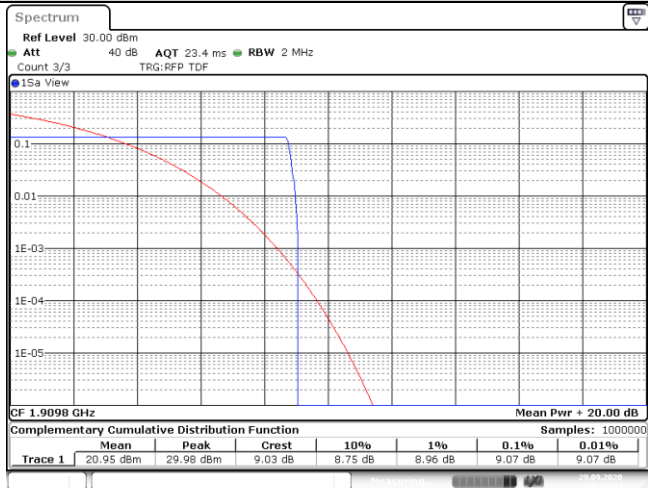
Date: 29.SEP.2020 16:40:24

GSM1900-661-0



Date: 29.SEP.2020 16:40:34

GSM1900-810-0



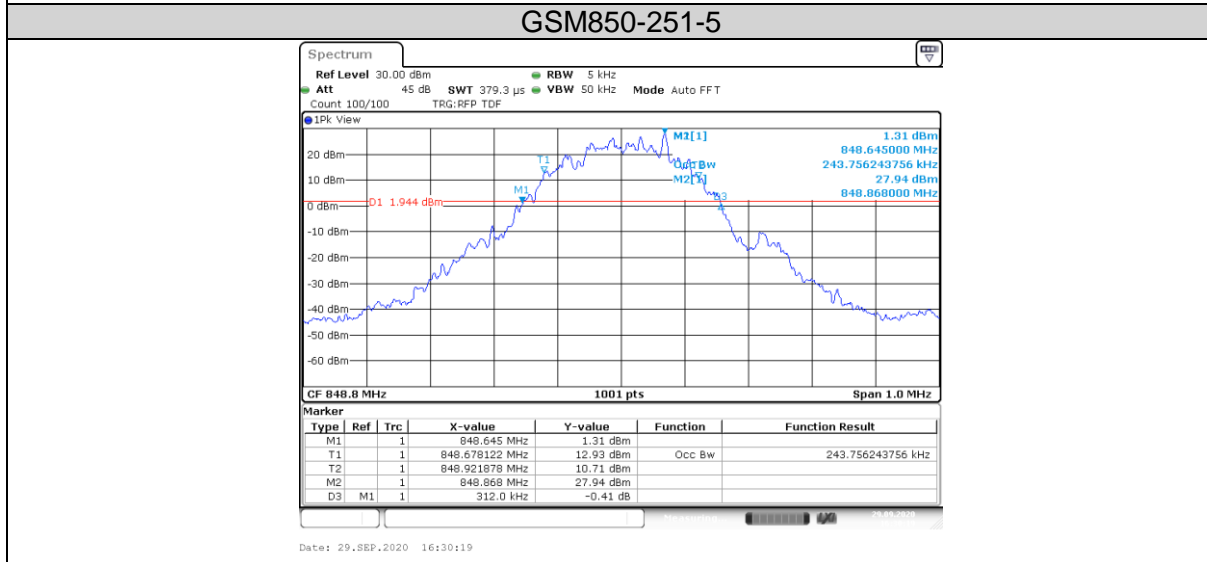
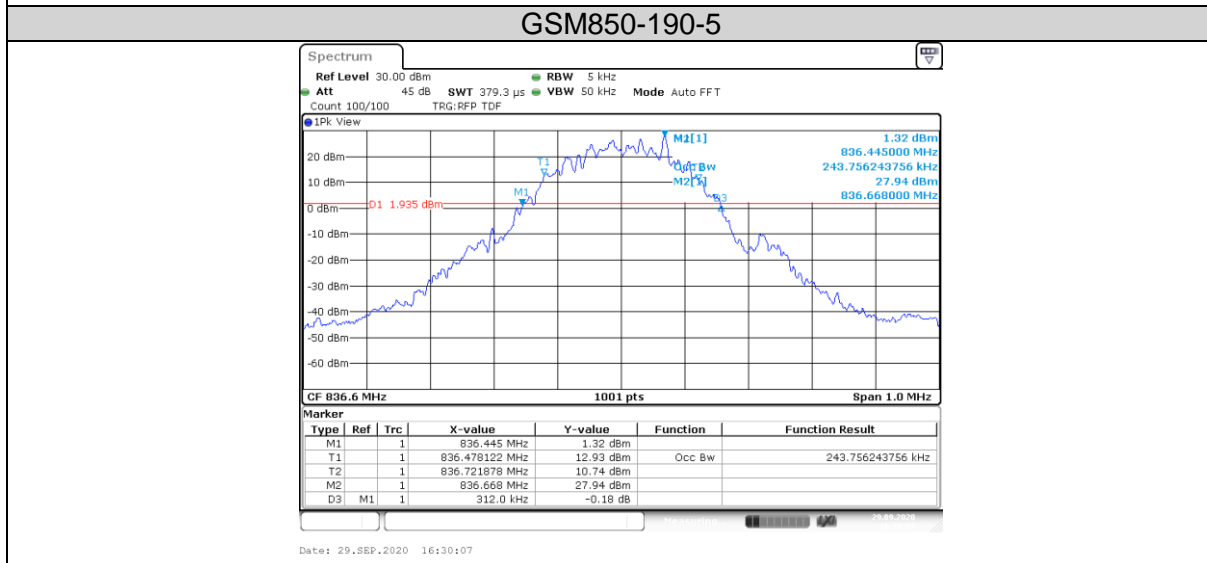
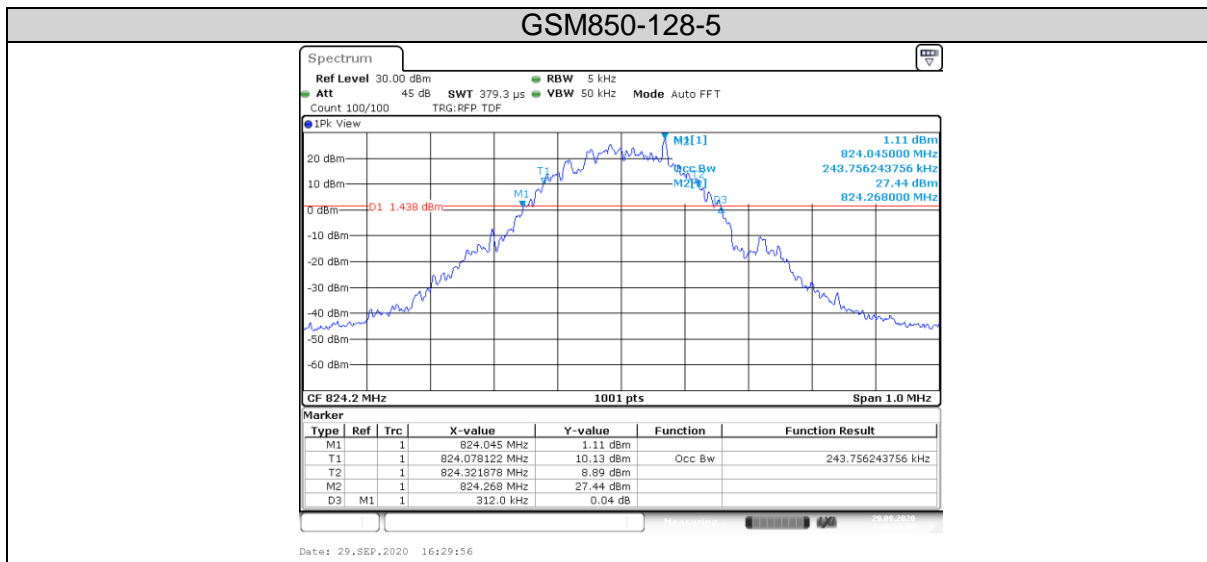
Date: 29.SEP.2020 16:40:44

Appendix A.3: 26dB Bandwidth and Occupied Bandwidth

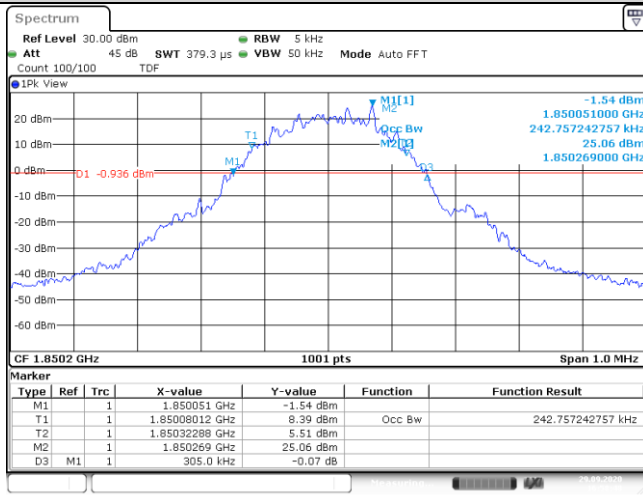
Test Result

| Band | Channel | PCL | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---------|---------|-----|--------------------------|----------------------|---------|
| GSM850 | 128 | 1 | 0.244 | 0.312 | PASS |
| GSM850 | 190 | 1 | 0.244 | 0.312 | PASS |
| GSM850 | 251 | 1 | 0.244 | 0.312 | PASS |
| GSM1900 | 512 | 0 | 0.243 | 0.305 | PASS |
| GSM1900 | 661 | 0 | 0.243 | 0.295 | PASS |
| GSM1900 | 810 | 0 | 0.245 | 0.310 | PASS |

Test Graphs

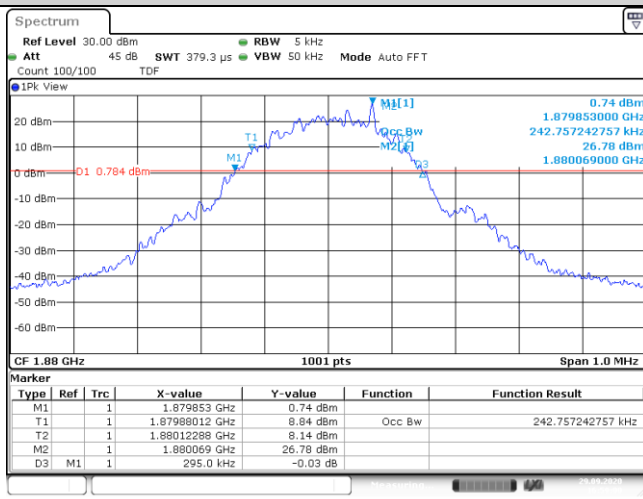


GSM1900-512-0



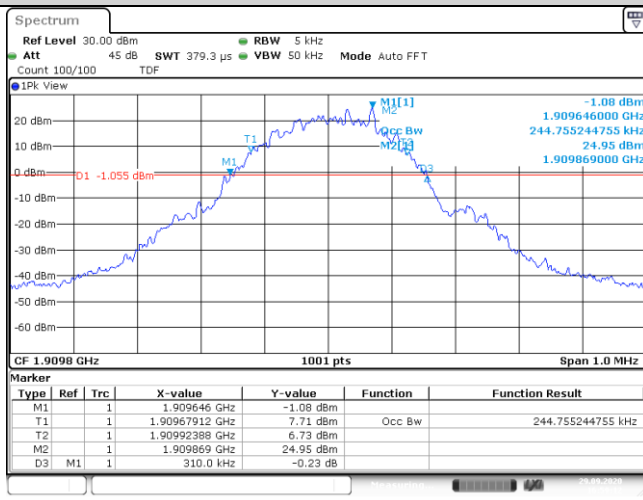
Date: 29.SEP.2020 16:58:49

GSM1900-661-0



Date: 29.SEP.2020 16:59:01

GSM1900-810-0



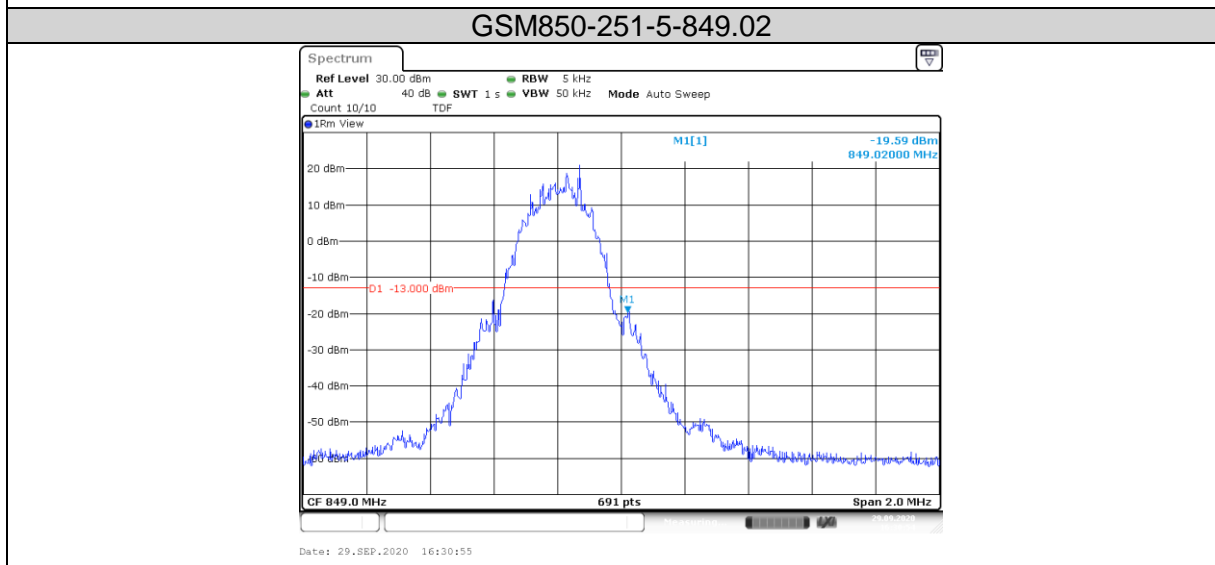
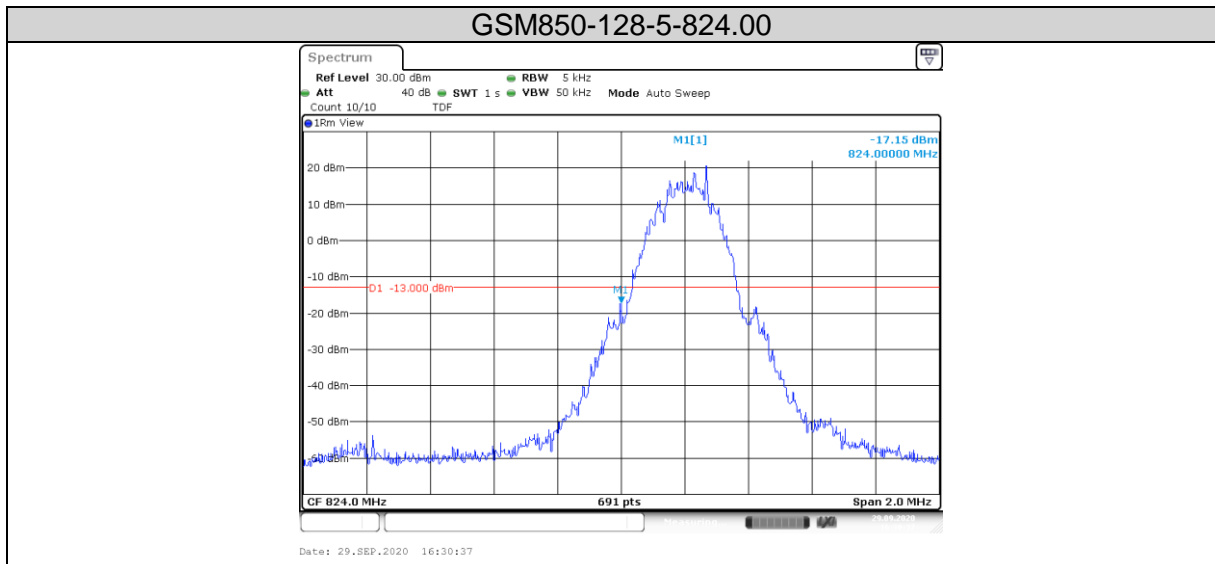
Date: 29.SEP.2020 16:59:12

Appendix A.4: Band Edge

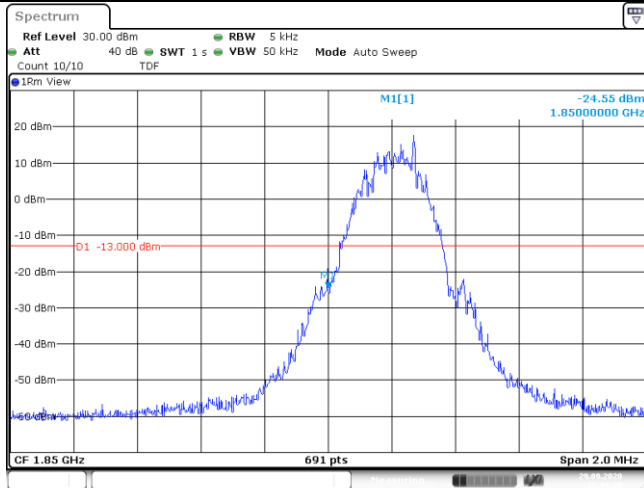
Test Result

| Band | Channel | PCL | Freq (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|---------|---------|-----|------------|--------------|------------|---------|
| GSM850 | 128 | 5 | 824.00 | -17.15 | -13 | PASS |
| GSM850 | 251 | 5 | 849.02 | -18.41 | -13 | PASS |
| GSM1900 | 512 | 0 | 1850.00 | -19.18 | -13 | PASS |
| GSM1900 | 810 | 0 | 1910.02 | -21.02 | -13 | PASS |

Test Graphs

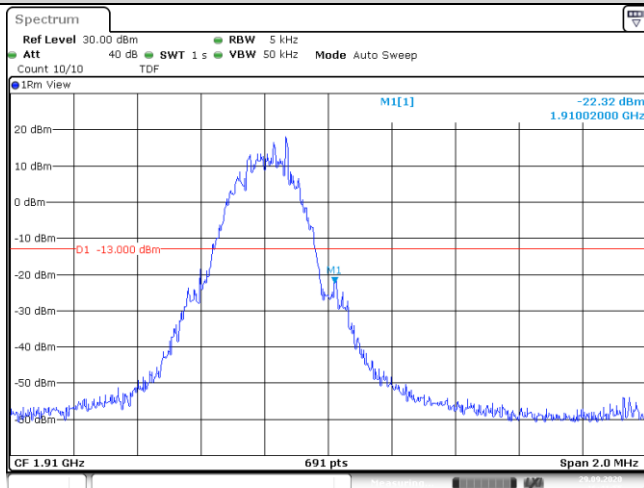


GSM1900-512-0-1850.00



Date: 29.SEP.2020 16:41:38

GSM1900-810-0-1910.02



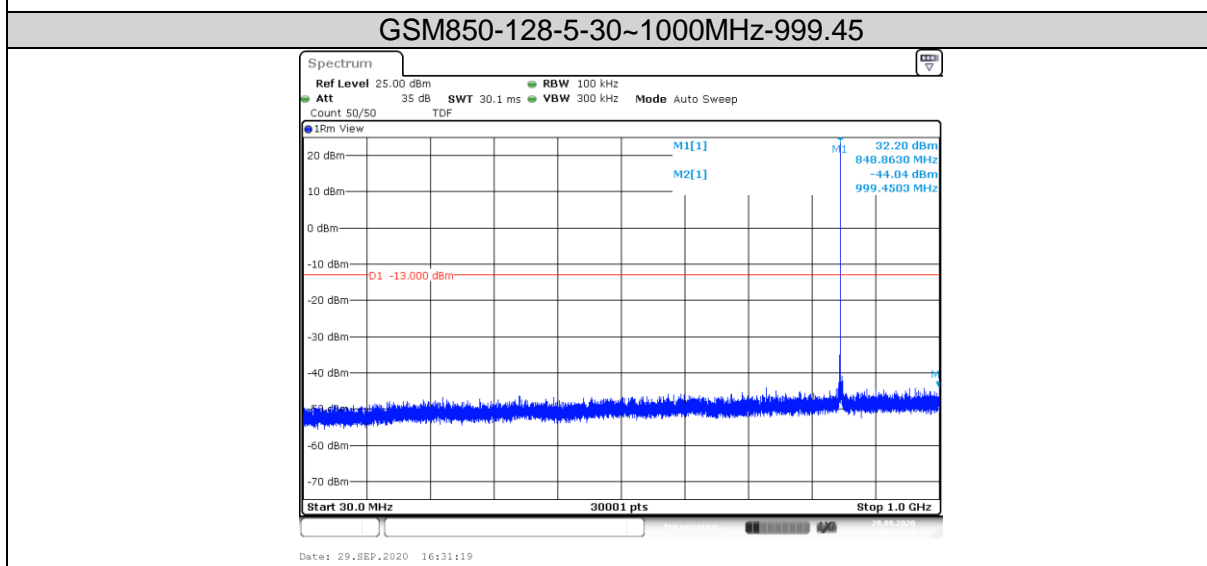
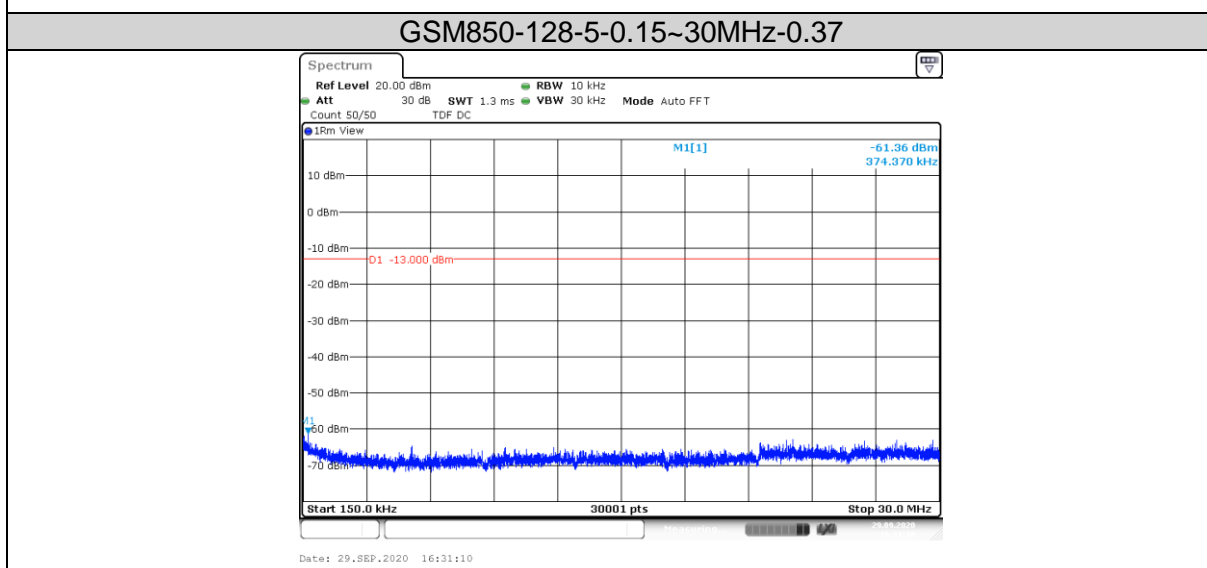
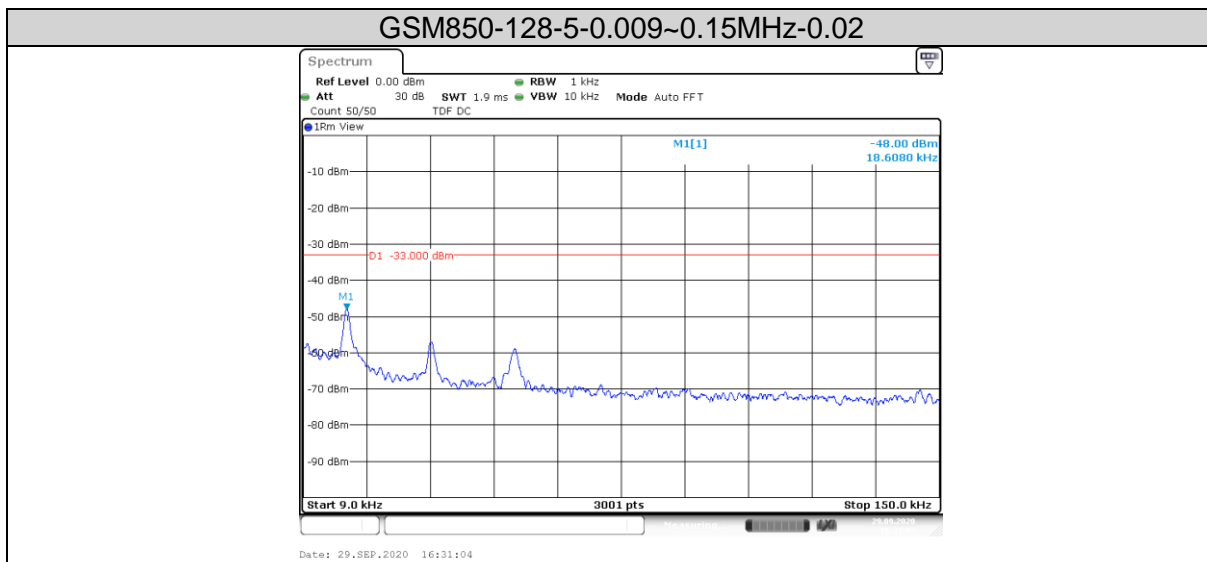
Date: 29.SEP.2020 16:41:56

Appendix A.5: Conducted Spurious Emission

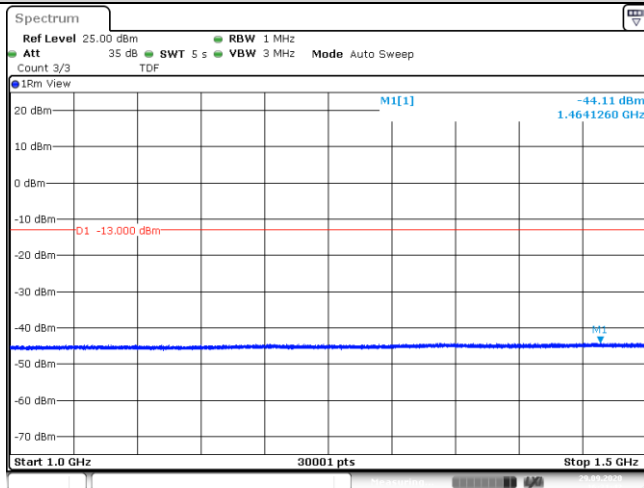
Test Result

| Band | Channel | PCL | Frequency Range(MHz) | Max.Freq. (MHz) | Result (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----|----------------------|-----------------|--------------|-------------|---------|
| GSM850 | 128 | 3 | 0.009~0.15MHz | 0.02 | -48 | -33 | PASS |
| GSM850 | 128 | 3 | 0.15~30MHz | 0.37 | -61.36 | -13 | PASS |
| GSM850 | 128 | 3 | 30~1000MHz | 999.45 | -44.04 | -13 | PASS |
| GSM850 | 128 | 3 | 1000~1500MHz | 1464.13 | -44.11 | -13 | PASS |
| GSM850 | 128 | 3 | 1500~3000MHz | 2546.29 | -42.94 | -13 | PASS |
| GSM850 | 128 | 3 | 3000~10000MHz | 3395.14 | -45.1 | -13 | PASS |
| GSM850 | 190 | 3 | 0.009~0.15MHz | 0.02 | -48.07 | -33 | PASS |
| GSM850 | 190 | 3 | 0.15~30MHz | 0.15 | -62.25 | -13 | PASS |
| GSM850 | 190 | 3 | 30~1000MHz | 997.35 | -43.61 | -13 | PASS |
| GSM850 | 190 | 3 | 1000~1500MHz | 1481.96 | -44.18 | -13 | PASS |
| GSM850 | 190 | 3 | 1500~3000MHz | 2546.09 | -43.25 | -13 | PASS |
| GSM850 | 190 | 3 | 3000~10000MHz | 3395.14 | -44.58 | -13 | PASS |
| GSM850 | 251 | 3 | 0.009~0.15MHz | 0.02 | -48.26 | -33 | PASS |
| GSM850 | 251 | 3 | 0.15~30MHz | 0.17 | -62.39 | -13 | PASS |
| GSM850 | 251 | 3 | 30~1000MHz | 974.84 | -43.57 | -13 | PASS |
| GSM850 | 251 | 3 | 1000~1500MHz | 1472.29 | -44 | -13 | PASS |
| GSM850 | 251 | 3 | 1500~3000MHz | 2546.89 | -43.78 | -13 | PASS |
| GSM850 | 251 | 3 | 3000~10000MHz | 3395.37 | -44.95 | -13 | PASS |
| GSM1900 | 512 | 0 | 0.009~0.15MHz | 0.02 | -48.42 | -43 | PASS |
| GSM1900 | 512 | 0 | 0.15~30MHz | 0.31 | -62.07 | -23 | PASS |
| GSM1900 | 512 | 0 | 30~1000MHz | 965 | -44.11 | -13 | PASS |
| GSM1900 | 512 | 0 | 1000~3000MHz | 2952.53 | -41.4 | -13 | PASS |
| GSM1900 | 512 | 0 | 3000~10000MHz | 3818.86 | -43.85 | -13 | PASS |
| GSM1900 | 512 | 0 | 10000~18000MHz | 17649.21 | -38.1 | -13 | PASS |
| GSM1900 | 661 | 0 | 0.009~0.15MHz | 0.02 | -48.71 | -43 | PASS |
| GSM1900 | 661 | 0 | 0.15~30MHz | 0.32 | -61.83 | -23 | PASS |
| GSM1900 | 661 | 0 | 30~1000MHz | 972.21 | -44.32 | -13 | PASS |
| GSM1900 | 661 | 0 | 1000~3000MHz | 2958.33 | -41.45 | -13 | PASS |
| GSM1900 | 661 | 0 | 3000~10000MHz | 3819.09 | -40.82 | -13 | PASS |
| GSM1900 | 661 | 0 | 10000~18000MHz | 17654.81 | -38.14 | -13 | PASS |
| GSM1900 | 810 | 0 | 0.009~0.15MHz | 0.02 | -48.29 | -43 | PASS |
| GSM1900 | 810 | 0 | 0.15~30MHz | 0.16 | -62.27 | -23 | PASS |
| GSM1900 | 810 | 0 | 30~1000MHz | 832.34 | -44.45 | -13 | PASS |
| GSM1900 | 810 | 0 | 1000~3000MHz | 2955 | -41.42 | -13 | PASS |
| GSM1900 | 810 | 0 | 3000~10000MHz | 3818.86 | -44.73 | -13 | PASS |
| GSM1900 | 810 | 0 | 10000~18000MHz | 17634.81 | -38.01 | -13 | PASS |

Test Graphs

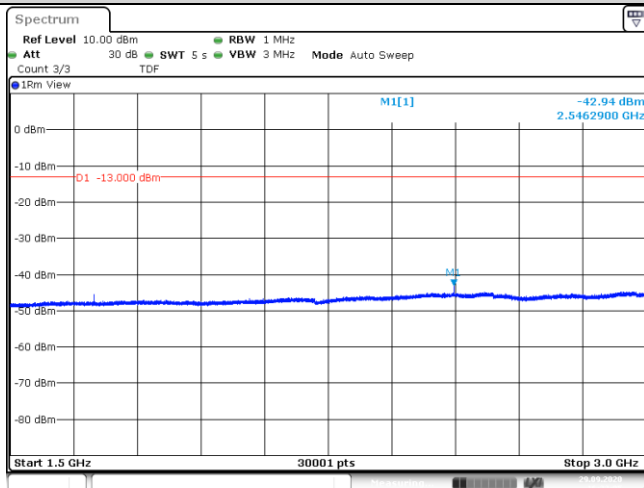


GSM850-128-5-1000~1500MHz-1464.13



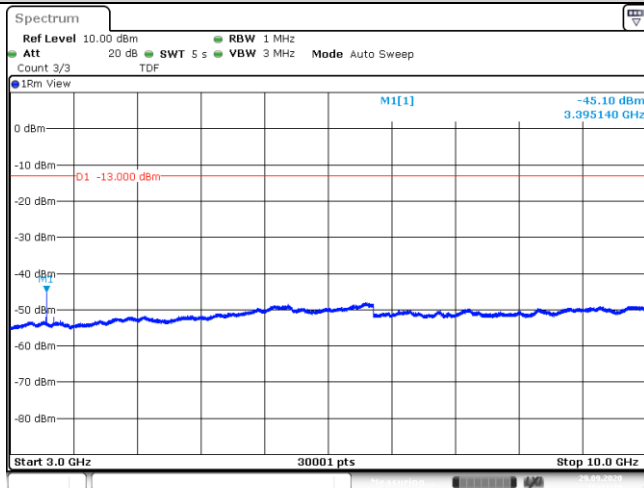
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GSM850-128-5-1500~3000MHz-2546.29



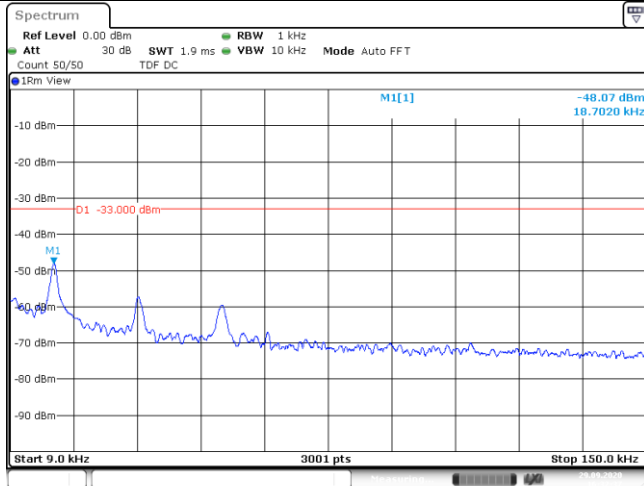
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GSM850-128-5-3000~10000MHz-3395.14



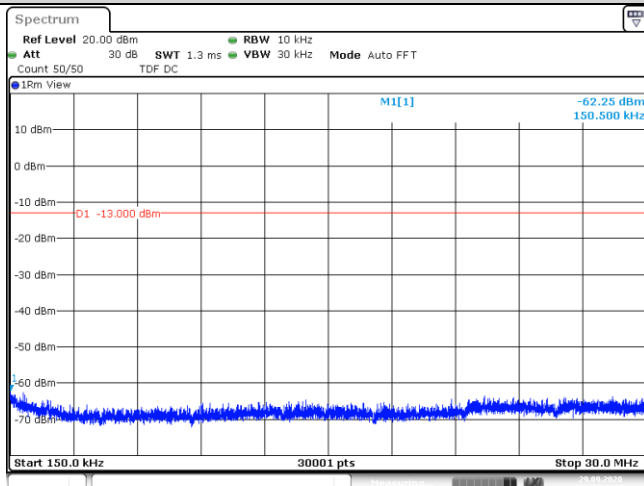
Date: 29.SEP.2020 16:32:29

GSM850-190-5-0.009~0.15MHz-0.02



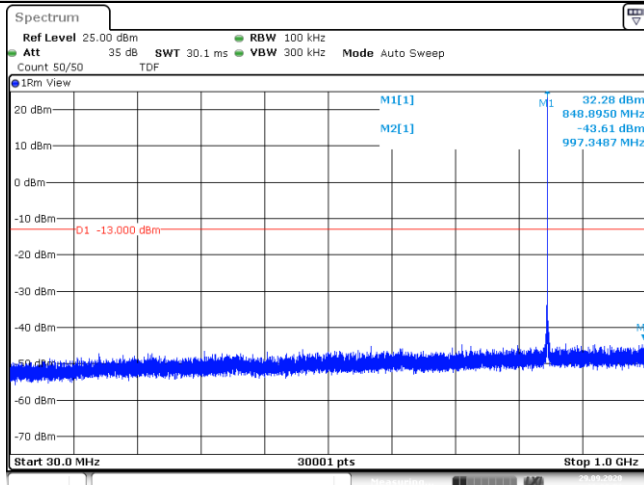
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GSM850-190-5-0.15~30MHz-0.15



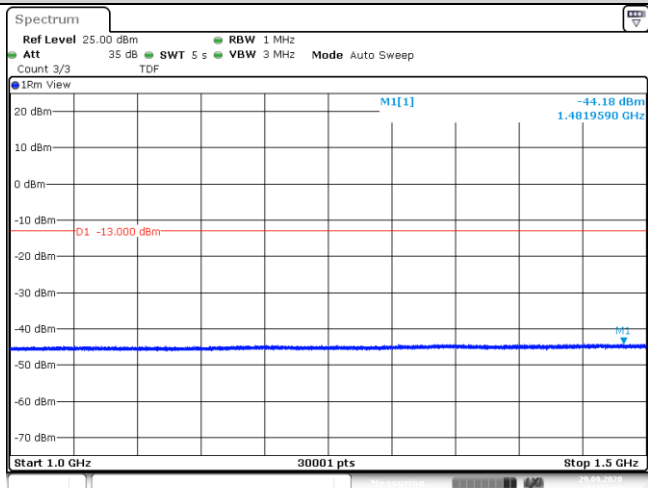
Date: 29.SEP.2020 16:32:44

GSM850-190-5-30~1000MHz-997.35



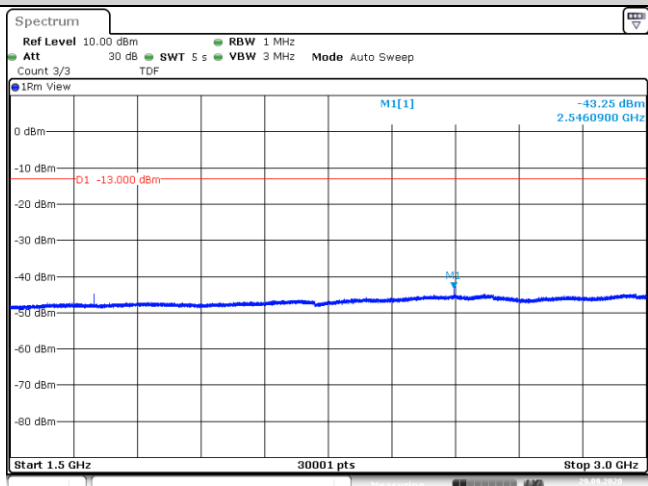
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GSM850-190-5-1000~1500MHz-1481.96



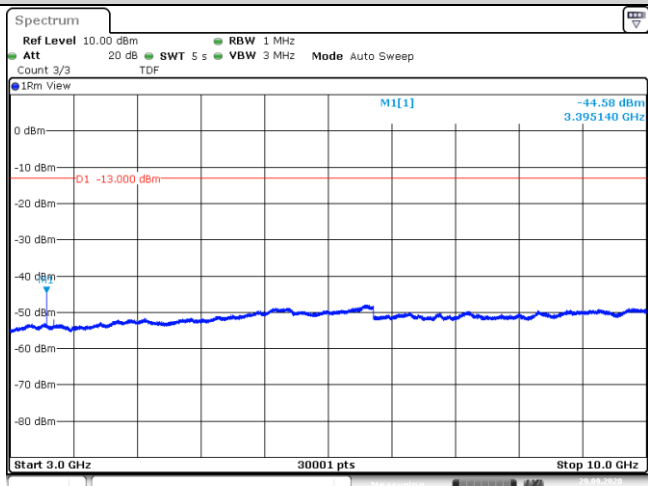
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GSM850-190-5-1500~3000MHz-2546.09



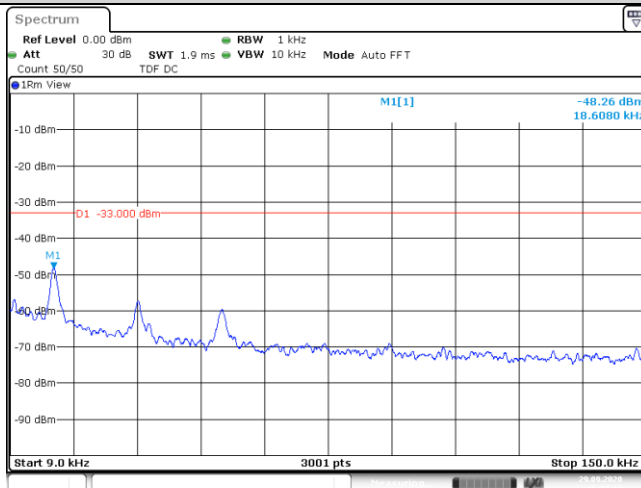
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GSM850-190-5-3000~10000MHz-3395.14



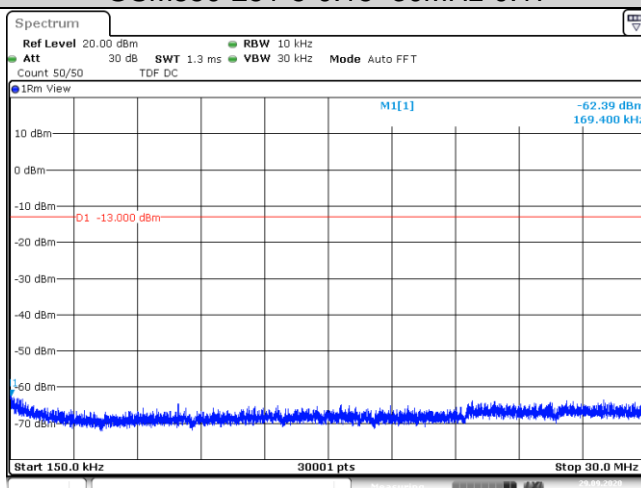
Date: 29.SEP.2020 16:34:04

GSM850-251-5-0.009~0.15MHz-0.02



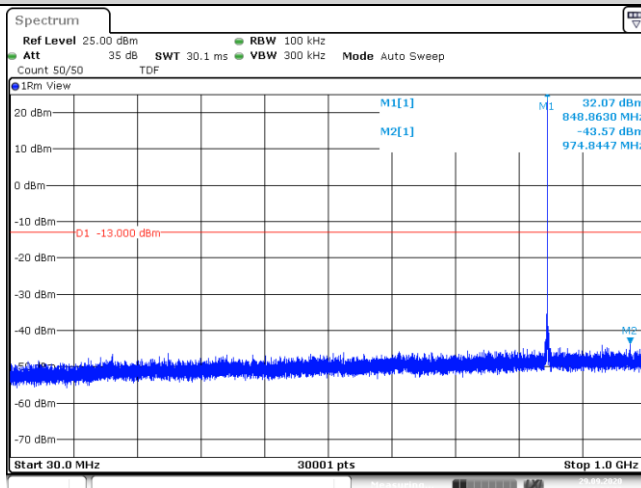
Date: 29.SEP.2020 16:34:12

GSM850-251-5-0.15~30MHz-0.17



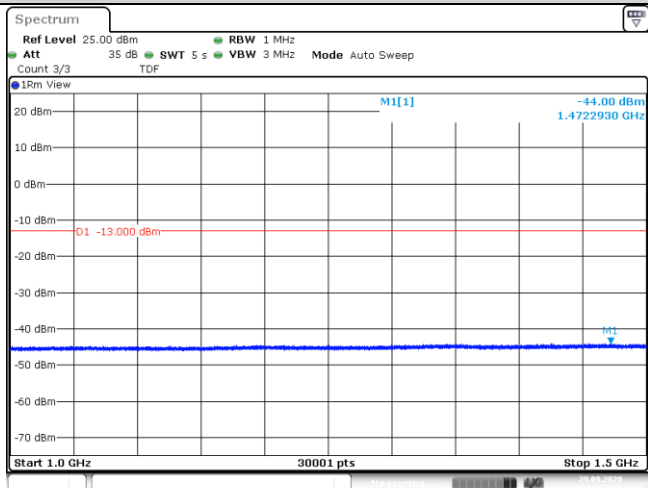
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GSM850-251-5-30~1000MHz-974.84



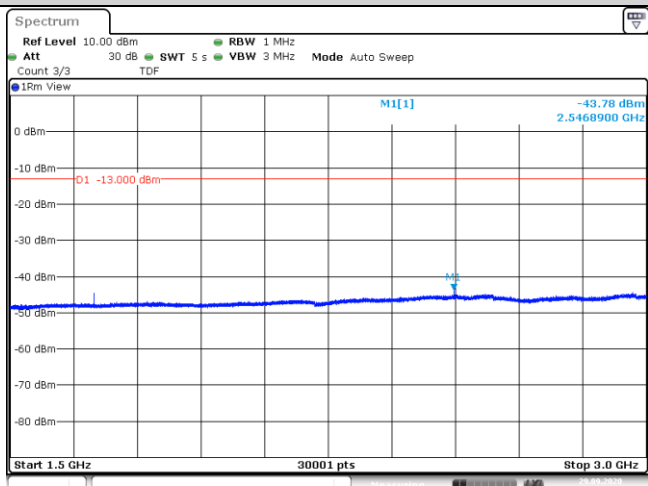
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GSM850-251-5-1000~1500MHz-1472.29



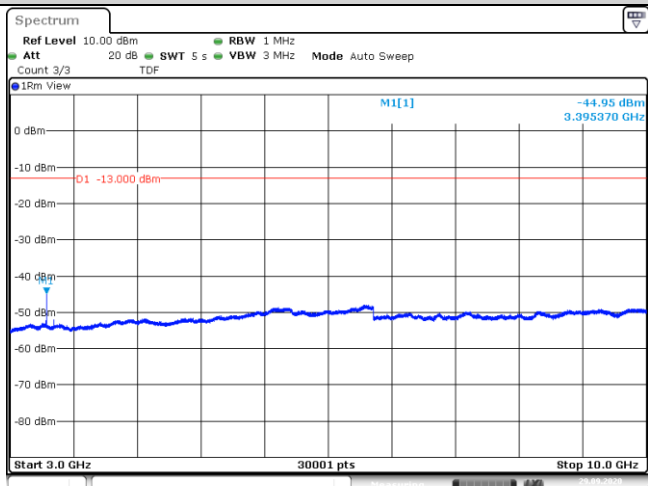
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GSM850-251-5-1500~3000MHz-2546.89



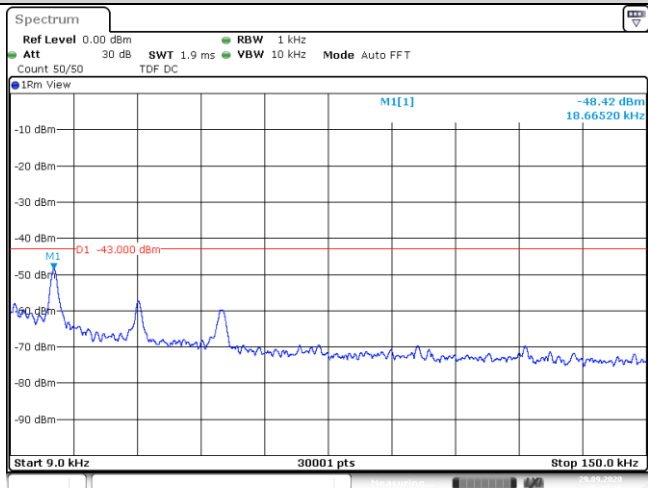
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GSM850-251-5-3000~10000MHz-3395.37



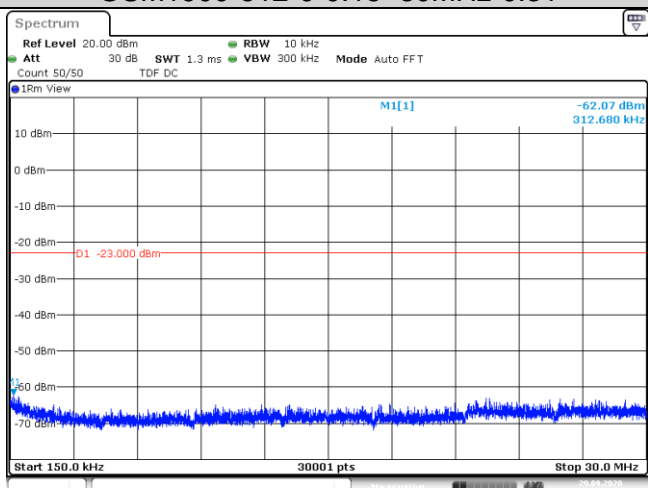
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GSM1900-512-0-0.009~0.15MHz-0.02



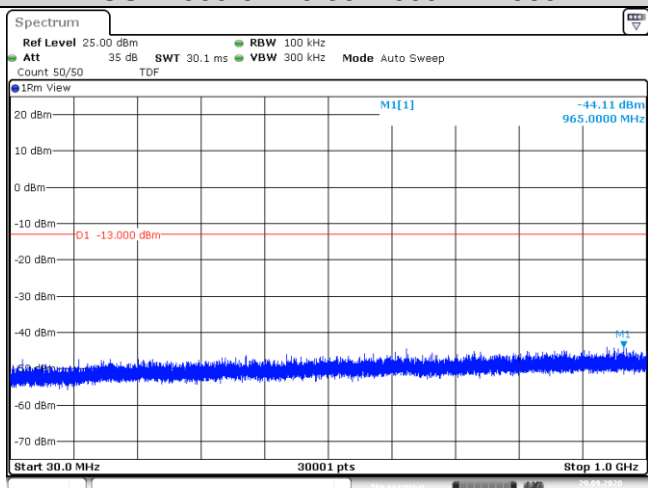
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GSM1900-512-0-0.15~30MHz-0.31



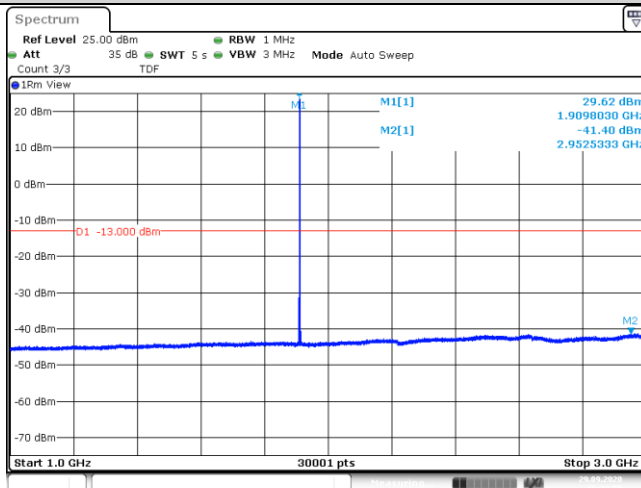
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GSM1900-512-0-30~1000MHz-965



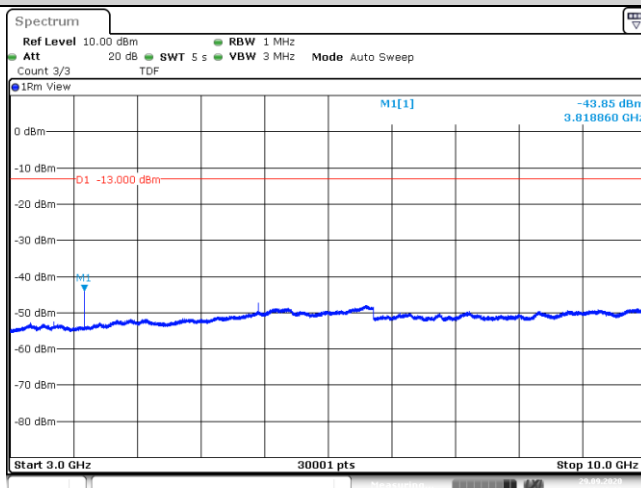
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GSM1900-512-0-1000~3000MHz-2952.53



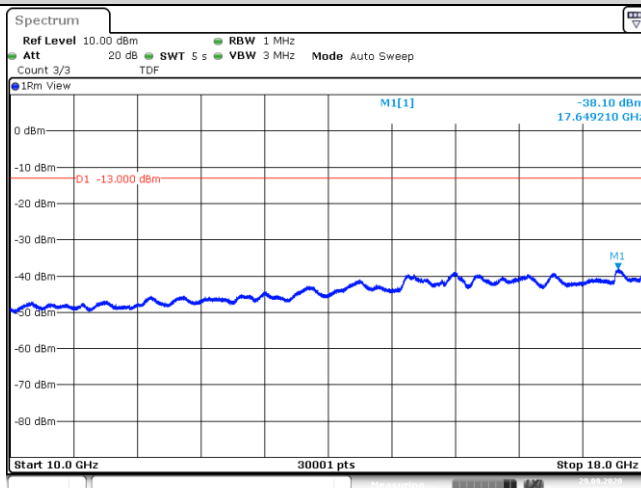
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GSM1900-512-0-3000~10000MHz-3818.86



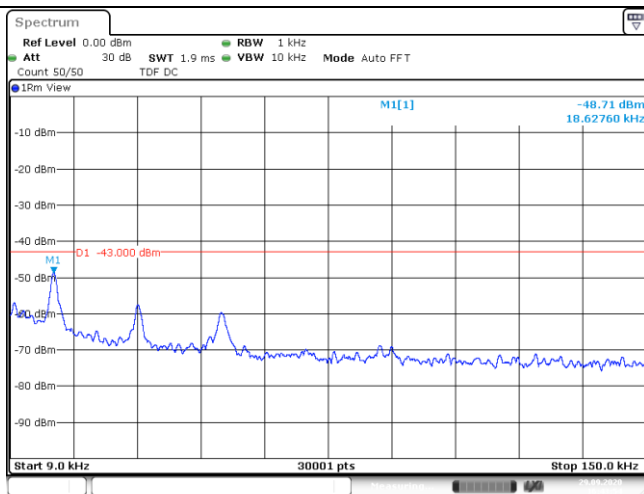
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GSM1900-512-0-10000~18000MHz-17649.21



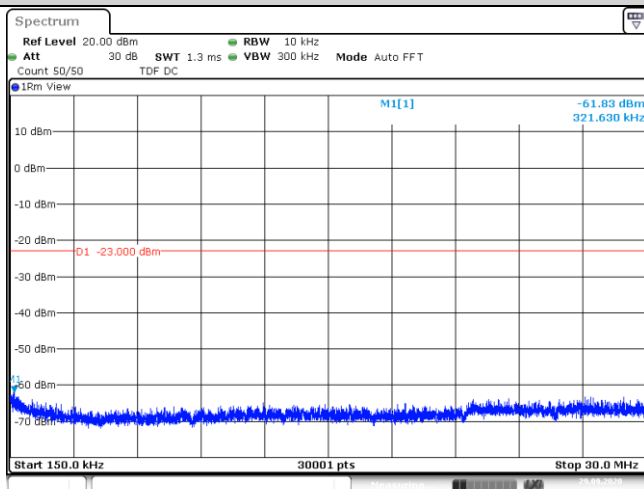
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GSM1900-661-0-0.009~0.15MHz-0.02



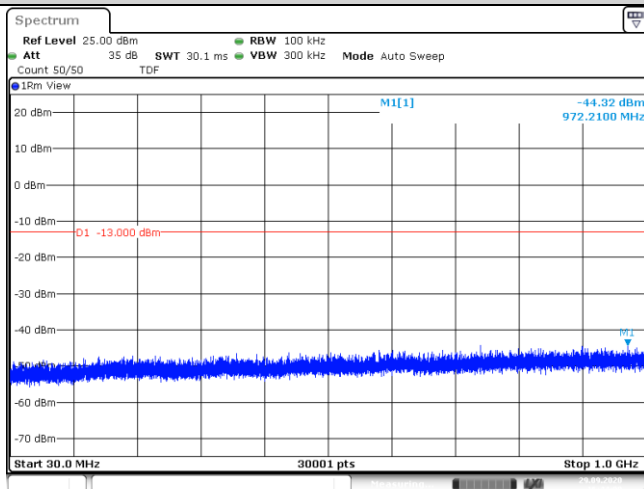
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GSM1900-661-0-0.15~30MHz-0.32



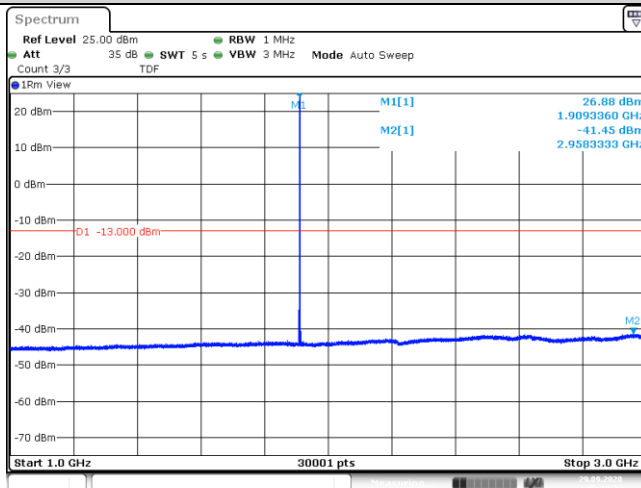
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GSM1900-661-0-30~1000MHz-972.21



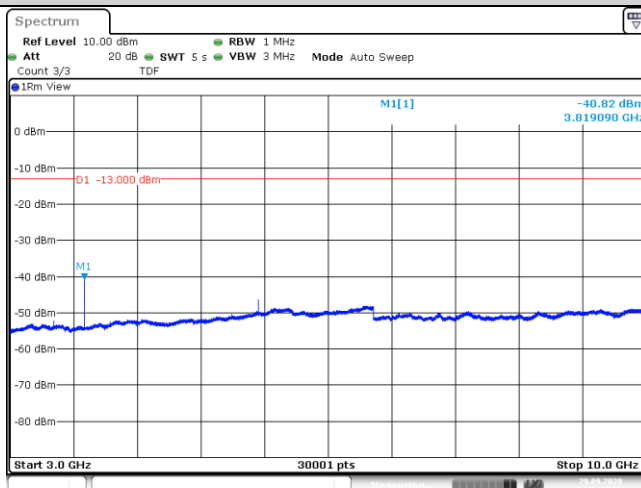
Date: 29_SEP.2020 16:44:09

GSM1900-661-0-1000~3000MHz-2958.33



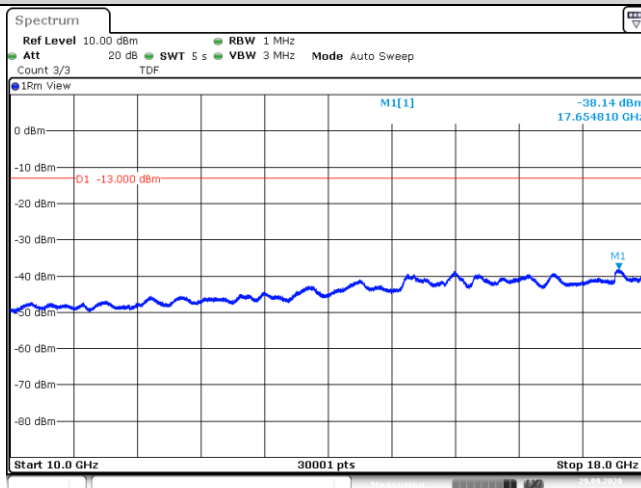
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GSM1900-661-0-3000~10000MHz-3819.09



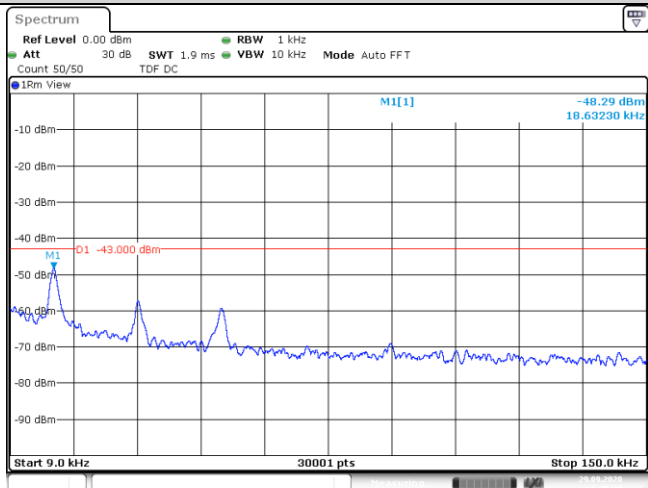
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GSM1900-661-0-10000~18000MHz-17654.81



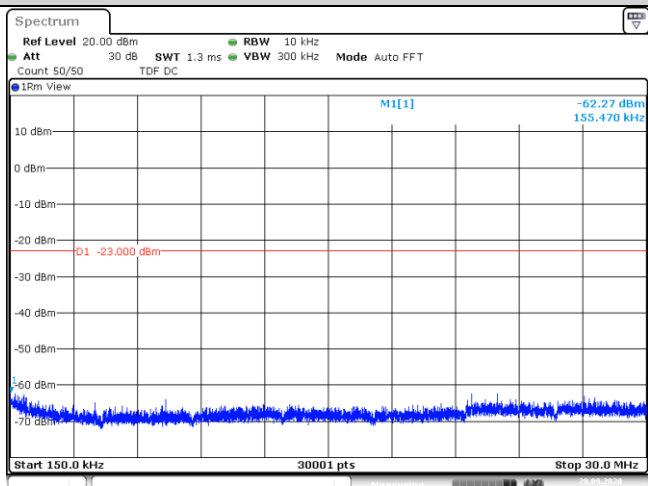
Date: 29.SEP.2020 16:45:24

GSM1900-810-0-0.009~0.15MHz-0.02



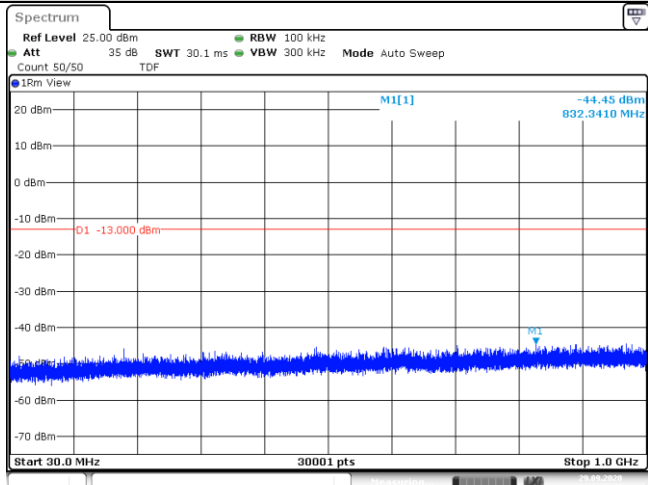
Date: 29.SEP.2020 16:45:35

GSM1900-810-0-0.15~30MHz-0.16



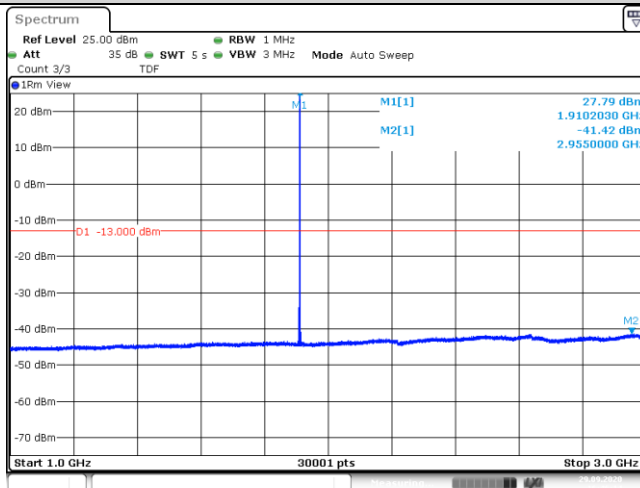
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GSM1900-810-0-30~1000MHz-832.34



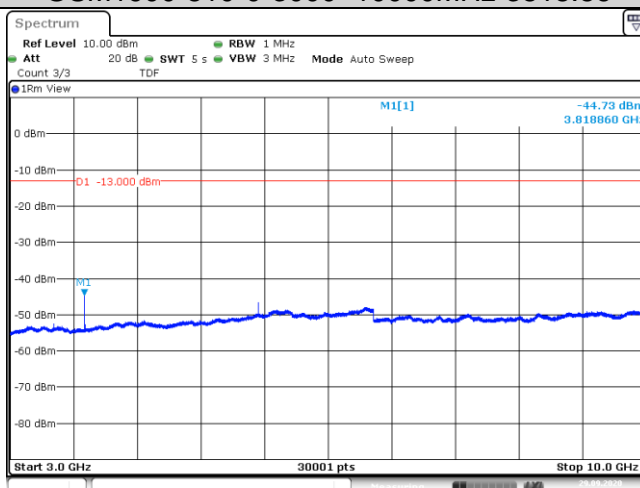
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GSM1900-810-0-1000~3000MHz-2955



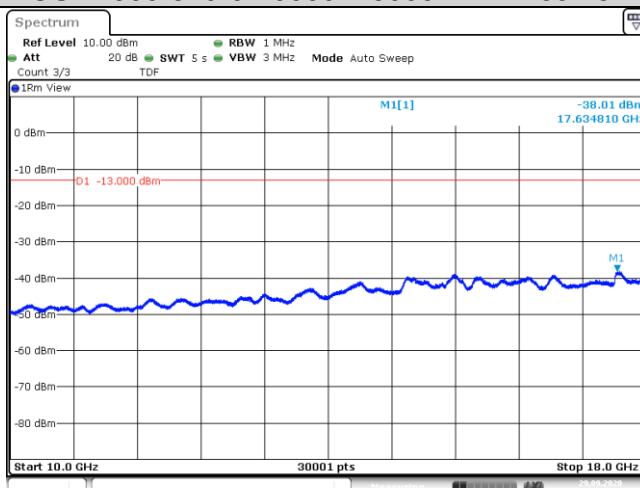
Date: 29.SEP.2020 16:46:14

GSM1900-810-0-3000~10000MHz-3818.86



Date: 29.SEP.2020 16:46:38

GSM1900-810-0-10000~18000MHz-17634.81



Date: 29.SEP.2020 16:47:05

Produkte
Products

Appendix A.6: Frequency Stability

Test Result

GMSK

| Voltage | | | | | | | |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850 | 128 | VL | NT | 13.56 | 0.016452 | ±2.5 | PASS |
| GSM850 | 128 | VN | NT | 17.50 | 0.021233 | ±2.5 | PASS |
| GSM850 | 128 | VH | NT | 17.63 | 0.021390 | ±2.5 | PASS |
| GSM850 | 190 | VL | NT | 19.40 | 0.023189 | ±2.5 | PASS |
| GSM850 | 190 | VN | NT | 17.95 | 0.021456 | ±2.5 | PASS |
| GSM850 | 190 | VH | NT | 18.50 | 0.022113 | ±2.5 | PASS |
| GSM850 | 251 | VL | NT | 10.59 | 0.012476 | ±2.5 | PASS |
| GSM850 | 251 | VN | NT | 13.98 | 0.016470 | ±2.5 | PASS |
| GSM850 | 251 | VH | NT | 16.14 | 0.019015 | ±2.5 | PASS |
| GSM1900 | 512 | VL | NT | 31.12 | 0.016820 | ±2.5 | PASS |
| GSM1900 | 512 | VN | NT | 31.67 | 0.017117 | ±2.5 | PASS |
| GSM1900 | 512 | VH | NT | 28.19 | 0.015236 | ±2.5 | PASS |
| GSM1900 | 661 | VL | NT | 10.72 | 0.005702 | ±2.5 | PASS |
| GSM1900 | 661 | VN | NT | 5.59 | 0.002973 | ±2.5 | PASS |
| GSM1900 | 661 | VH | NT | 12.91 | 0.006867 | ±2.5 | PASS |
| GSM1900 | 810 | VL | NT | 24.47 | 0.012813 | ±2.5 | PASS |
| GSM1900 | 810 | VN | NT | 5.65 | 0.002958 | ±2.5 | PASS |
| GSM1900 | 810 | VH | NT | 17.47 | 0.009148 | ±2.5 | PASS |

| Temperature | | | | | | | |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| GSM850 | 128 | NV | -40 | 12.98 | 0.015749 | ±2.5 | PASS |
| GSM850 | 128 | NV | -30 | 18.69 | 0.022677 | ±2.5 | PASS |
| GSM850 | 128 | NV | -20 | 10.17 | 0.012339 | ±2.5 | PASS |
| GSM850 | 128 | NV | -10 | 13.08 | 0.015870 | ±2.5 | PASS |
| GSM850 | 128 | NV | 0 | 16.98 | 0.020602 | ±2.5 | PASS |
| GSM850 | 128 | NV | 10 | 10.62 | 0.012885 | ±2.5 | PASS |
| GSM850 | 128 | NV | 20 | 14.33 | 0.017387 | ±2.5 | PASS |
| GSM850 | 128 | NV | 30 | 19.47 | 0.023623 | ±2.5 | PASS |
| GSM850 | 128 | NV | 40 | 13.43 | 0.016295 | ±2.5 | PASS |
| GSM850 | 128 | NV | 50 | 17.37 | 0.021075 | ±2.5 | PASS |
| GSM850 | 128 | NV | 60 | 13.24 | 0.016064 | ±2.5 | PASS |
| GSM850 | 128 | NV | 70 | 14.92 | 0.018102 | ±2.5 | PASS |
| GSM850 | 128 | NV | 80 | 13.72 | 0.016646 | ±2.5 | PASS |
| GSM850 | 128 | NV | 85 | 16.56 | 0.020092 | ±2.5 | PASS |
| GSM850 | 190 | NV | -40 | 13.75 | 0.016436 | ±2.5 | PASS |
| GSM850 | 190 | NV | -30 | 21.47 | 0.025663 | ±2.5 | PASS |
| GSM850 | 190 | NV | -20 | 15.66 | 0.018719 | ±2.5 | PASS |

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|---------|-----|----|-----|-------|----------|------|------|
| GSM850 | 190 | NV | -10 | 19.89 | 0.023775 | ±2.5 | PASS |
| GSM850 | 190 | NV | 0 | 17.24 | 0.020607 | ±2.5 | PASS |
| GSM850 | 190 | NV | 10 | 20.95 | 0.025042 | ±2.5 | PASS |
| GSM850 | 190 | NV | 20 | 17.98 | 0.021492 | ±2.5 | PASS |
| GSM850 | 190 | NV | 30 | 16.63 | 0.019878 | ±2.5 | PASS |
| GSM850 | 190 | NV | 40 | 23.18 | 0.027707 | ±2.5 | PASS |
| GSM850 | 190 | NV | 50 | 20.70 | 0.024743 | ±2.5 | PASS |
| GSM850 | 190 | NV | 60 | 16.69 | 0.019950 | ±2.5 | PASS |
| GSM850 | 190 | NV | 70 | 19.53 | 0.023344 | ±2.5 | PASS |
| GSM850 | 190 | NV | 80 | 23.02 | 0.027516 | ±2.5 | PASS |
| GSM850 | 190 | NV | 85 | 17.27 | 0.020643 | ±2.5 | PASS |
| GSM850 | 251 | NV | -40 | 15.43 | 0.018179 | ±2.5 | PASS |
| GSM850 | 251 | NV | -30 | 12.69 | 0.014951 | ±2.5 | PASS |
| GSM850 | 251 | NV | -20 | 16.11 | 0.018980 | ±2.5 | PASS |
| GSM850 | 251 | NV | -10 | 12.53 | 0.014762 | ±2.5 | PASS |
| GSM850 | 251 | NV | 0 | 13.69 | 0.016129 | ±2.5 | PASS |
| GSM850 | 251 | NV | 10 | 11.20 | 0.013195 | ±2.5 | PASS |
| GSM850 | 251 | NV | 20 | 15.30 | 0.018025 | ±2.5 | PASS |
| GSM850 | 251 | NV | 30 | 19.24 | 0.022667 | ±2.5 | PASS |
| GSM850 | 251 | NV | 40 | 18.53 | 0.021831 | ±2.5 | PASS |
| GSM850 | 251 | NV | 50 | 15.82 | 0.018638 | ±2.5 | PASS |
| GSM850 | 251 | NV | 60 | 19.98 | 0.023539 | ±2.5 | PASS |
| GSM850 | 251 | NV | 70 | 17.53 | 0.020653 | ±2.5 | PASS |
| GSM850 | 251 | NV | 80 | 14.01 | 0.016506 | ±2.5 | PASS |
| GSM850 | 251 | NV | 85 | 15.79 | 0.018603 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -40 | 24.89 | 0.013453 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -30 | 22.83 | 0.012339 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -20 | 21.15 | 0.011431 | ±2.5 | PASS |
| GSM1900 | 512 | NV | -10 | 15.34 | 0.008291 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 0 | 32.80 | 0.017728 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 10 | 28.25 | 0.015269 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 20 | 31.74 | 0.017155 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 30 | 25.80 | 0.013944 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 40 | 23.21 | 0.012545 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 50 | 18.31 | 0.009896 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 60 | 30.70 | 0.016593 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 70 | 22.24 | 0.012020 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 80 | 22.24 | 0.012020 | ±2.5 | PASS |
| GSM1900 | 512 | NV | 85 | 18.31 | 0.009896 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -40 | 6.20 | 0.003298 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -30 | 17.08 | 0.009085 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -20 | 3.39 | 0.001803 | ±2.5 | PASS |
| GSM1900 | 661 | NV | -10 | 5.65 | 0.003005 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 0 | 1.90 | 0.001011 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 10 | 0.45 | 0.000239 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 20 | 9.56 | 0.005085 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 30 | 5.36 | 0.002851 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 40 | 5.78 | 0.003074 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 50 | 2.20 | 0.001170 | ±2.5 | PASS |

Produkte
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|---------|-----|----|-----|-------|----------|------|------|
| GSM1900 | 661 | NV | 60 | 7.10 | 0.003777 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 70 | 13.17 | 0.007005 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 80 | 10.07 | 0.005356 | ±2.5 | PASS |
| GSM1900 | 661 | NV | 85 | 4.39 | 0.002335 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -40 | 14.66 | 0.007676 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -30 | 23.89 | 0.012509 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -20 | 9.49 | 0.004969 | ±2.5 | PASS |
| GSM1900 | 810 | NV | -10 | 23.31 | 0.012205 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 0 | 9.27 | 0.004854 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 10 | 19.24 | 0.010074 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 20 | 16.47 | 0.008624 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 30 | 22.54 | 0.011802 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 40 | 20.86 | 0.010923 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 50 | 16.30 | 0.008535 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 60 | 10.62 | 0.005561 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 70 | 8.07 | 0.004226 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 80 | 11.43 | 0.005985 | ±2.5 | PASS |
| GSM1900 | 810 | NV | 85 | 6.23 | 0.003262 | ±2.5 | PASS |