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Appendix B.13

LTE Band 41



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Effective (Isotropic) Radiated Power Output Data for

SEWM2307000261RG01

Test Result

Ant3:

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band41 | 5MHz | QPSK | 39675 | 1RB#0 | 23.61 | 22.41 | 33 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 1RB#12 | 23.58 | 22.38 | 33 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 1RB#24 | 23.60 | 22.40 | 33 | PASS |
| Band41 | 5MHz | QPSK | 39675 | 25RB#0 | 22.53 | 21.33 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#0 | 22.73 | 21.53 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#12 | 22.69 | 21.49 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 1RB#24 | 22.81 | 21.61 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 39675 | 25RB#0 | 21.76 | 20.56 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#0 | 21.75 | 20.55 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#12 | 21.80 | 20.60 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 1RB#24 | 21.82 | 20.62 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 39675 | 25RB#0 | 20.86 | 19.66 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 1RB#0 | 19.02 | 17.82 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 1RB#12 | 18.93 | 17.73 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 1RB#24 | 19.09 | 17.89 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 25RB#0 | 19.20 | 18.00 | 33 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#0 | 23.65 | 22.45 | 33 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#12 | 23.68 | 22.48 | 33 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 1RB#24 | 23.66 | 22.46 | 33 | PASS |
| Band41 | 5MHz | QPSK | 40620 | 25RB#0 | 22.76 | 21.56 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#0 | 22.78 | 21.58 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#12 | 22.80 | 21.60 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 1RB#24 | 22.72 | 21.52 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 25RB#0 | 21.93 | 20.73 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#0 | 21.84 | 20.64 | 33 | PASS |



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| | | | | | | | | |
|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band41 | 5MHz | 64QAM | 40620 | 1RB#12 | 21.93 | 20.73 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 1RB#24 | 21.77 | 20.57 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 25RB#0 | 20.79 | 19.59 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 1RB#0 | 19.15 | 17.95 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 1RB#12 | 19.02 | 17.82 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 1RB#24 | 19.11 | 17.91 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 25RB#0 | 18.93 | 17.73 | 33 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#0 | 23.67 | 22.47 | 33 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#12 | 23.58 | 22.38 | 33 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 1RB#24 | 23.60 | 22.40 | 33 | PASS |
| Band41 | 5MHz | QPSK | 41565 | 25RB#0 | 22.62 | 21.42 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#0 | 22.73 | 21.53 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#12 | 22.87 | 21.67 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 1RB#24 | 22.63 | 21.43 | 33 | PASS |
| Band41 | 5MHz | 16QAM | 41565 | 25RB#0 | 21.94 | 20.74 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#0 | 21.90 | 20.70 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#12 | 21.77 | 20.57 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 1RB#24 | 21.81 | 20.61 | 33 | PASS |
| Band41 | 5MHz | 64QAM | 41565 | 25RB#0 | 20.90 | 19.70 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 1RB#0 | 19.14 | 17.94 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 1RB#12 | 19.12 | 17.92 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 1RB#24 | 19.30 | 18.10 | 33 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 25RB#0 | 19.28 | 18.08 | 33 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#0 | 23.66 | 22.46 | 33 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#24 | 23.66 | 22.46 | 33 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 1RB#49 | 23.59 | 22.39 | 33 | PASS |
| Band41 | 10MHz | QPSK | 39700 | 50RB#0 | 22.59 | 21.39 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#0 | 22.63 | 21.43 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#24 | 22.64 | 21.44 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 1RB#49 | 22.78 | 21.58 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 39700 | 50RB#0 | 21.82 | 20.62 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#0 | 21.82 | 20.62 | 33 | PASS |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band41 | 10MHz | 64QAM | 39700 | 1RB#24 | 21.89 | 20.69 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 1RB#49 | 21.78 | 20.58 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 39700 | 50RB#0 | 20.90 | 19.70 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 1RB#0 | 18.99 | 17.79 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 1RB#24 | 19.03 | 17.83 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 1RB#49 | 19.09 | 17.89 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 50RB#0 | 19.18 | 17.98 | 33 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#0 | 23.56 | 22.36 | 33 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#24 | 23.64 | 22.44 | 33 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 1RB#49 | 23.65 | 22.45 | 33 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 50RB#0 | 22.78 | 21.58 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#0 | 22.75 | 21.55 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#24 | 22.78 | 21.58 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 1RB#49 | 22.68 | 21.48 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 21.93 | 20.73 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#0 | 21.77 | 20.57 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#24 | 21.90 | 20.70 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 1RB#49 | 21.88 | 20.68 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 50RB#0 | 20.74 | 19.54 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 1RB#0 | 19.14 | 17.94 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 1RB#24 | 19.00 | 17.80 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 1RB#49 | 19.20 | 18.00 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 50RB#0 | 19.00 | 17.80 | 33 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#0 | 23.66 | 22.46 | 33 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#24 | 23.56 | 22.36 | 33 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 1RB#49 | 23.55 | 22.35 | 33 | PASS |
| Band41 | 10MHz | QPSK | 41540 | 50RB#0 | 22.62 | 21.42 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#0 | 22.68 | 21.48 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#24 | 22.80 | 21.60 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 1RB#49 | 22.62 | 21.42 | 33 | PASS |
| Band41 | 10MHz | 16QAM | 41540 | 50RB#0 | 21.93 | 20.73 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#0 | 21.83 | 20.63 | 33 | PASS |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band41 | 10MHz | 64QAM | 41540 | 1RB#24 | 21.73 | 20.53 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 1RB#49 | 21.84 | 20.64 | 33 | PASS |
| Band41 | 10MHz | 64QAM | 41540 | 50RB#0 | 20.85 | 19.65 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 1RB#0 | 19.15 | 17.95 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 1RB#24 | 19.05 | 17.85 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 1RB#49 | 19.35 | 18.15 | 33 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 50RB#0 | 19.24 | 18.04 | 33 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#0 | 23.64 | 22.44 | 33 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#38 | 23.62 | 22.42 | 33 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 1RB#74 | 23.64 | 22.44 | 33 | PASS |
| Band41 | 15MHz | QPSK | 39725 | 75RB#0 | 22.62 | 21.42 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0 | 22.63 | 21.43 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38 | 22.66 | 21.46 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74 | 22.77 | 21.57 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0 | 21.76 | 20.56 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#0 | 21.76 | 20.56 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#38 | 21.80 | 20.60 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#74 | 21.85 | 20.65 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0 | 20.92 | 19.72 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 1RB#0 | 18.95 | 17.75 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 1RB#38 | 18.97 | 17.77 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 1RB#74 | 19.12 | 17.92 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 75RB#0 | 19.18 | 17.98 | 33 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#0 | 23.61 | 22.41 | 33 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#38 | 23.64 | 22.44 | 33 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 1RB#74 | 23.55 | 22.35 | 33 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 75RB#0 | 22.79 | 21.59 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0 | 22.80 | 21.60 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38 | 22.70 | 21.50 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74 | 22.68 | 21.48 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0 | 21.93 | 20.73 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#0 | 21.84 | 20.64 | 33 | PASS |



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| Band41 | 15MHz | 64QAM | 40620 | 1RB#38 | 21.84 | 20.64 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 1RB#74 | 21.84 | 20.64 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0 | 20.82 | 19.62 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 1RB#0 | 19.19 | 17.99 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 1RB#38 | 19.02 | 17.82 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 1RB#74 | 19.12 | 17.92 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 75RB#0 | 19.02 | 17.82 | 33 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#0 | 23.67 | 22.47 | 33 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#38 | 23.59 | 22.39 | 33 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 1RB#74 | 23.61 | 22.41 | 33 | PASS |
| Band41 | 15MHz | QPSK | 41515 | 75RB#0 | 22.63 | 21.43 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0 | 22.69 | 21.49 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38 | 22.86 | 21.66 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74 | 22.63 | 21.43 | 33 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0 | 21.94 | 20.74 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#0 | 21.82 | 20.62 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#38 | 21.73 | 20.53 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 1RB#74 | 21.78 | 20.58 | 33 | PASS |
| Band41 | 15MHz | 64QAM | 41515 | 75RB#0 | 20.88 | 19.68 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 1RB#0 | 19.17 | 17.97 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 1RB#38 | 19.12 | 17.92 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 1RB#74 | 19.28 | 18.08 | 33 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 75RB#0 | 19.29 | 18.09 | 33 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#0 | 23.65 | 22.45 | 33 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#49 | 23.59 | 22.39 | 33 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 1RB#99 | 23.63 | 22.43 | 33 | PASS |
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | 22.53 | 21.33 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0 | 22.70 | 21.50 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49 | 22.64 | 21.44 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99 | 22.78 | 21.58 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 21.85 | 20.65 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#0 | 21.81 | 20.61 | 33 | PASS |



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Report No.: SEWM2309000395RG01

Rev.: 01

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| | | | | | | | | |
|--------|-------|--------|-------|---------|-------|-------|----|------|
| Band41 | 20MHz | 64QAM | 39750 | 1RB#49 | 21.91 | 20.71 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#99 | 21.80 | 20.60 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 20.92 | 19.72 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 1RB#0 | 18.93 | 17.73 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 1RB#49 | 18.95 | 17.75 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 1RB#99 | 19.04 | 17.84 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 100RB#0 | 19.23 | 18.03 | 33 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#0 | 23.81 | 22.61 | 33 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#49 | 23.69 | 22.49 | 33 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#99 | 23.57 | 22.37 | 33 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 22.81 | 21.61 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0 | 22.79 | 21.59 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49 | 22.73 | 21.53 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99 | 22.77 | 21.57 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 21.92 | 20.72 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#0 | 21.84 | 20.64 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#49 | 21.89 | 20.69 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#99 | 21.78 | 20.58 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 20.79 | 19.59 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 1RB#0 | 19.18 | 17.98 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 1RB#49 | 18.98 | 17.78 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 1RB#99 | 19.13 | 17.93 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 100RB#0 | 18.97 | 17.77 | 33 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#0 | 23.74 | 22.54 | 33 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#49 | 23.64 | 22.44 | 33 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 1RB#99 | 23.58 | 22.38 | 33 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | 22.66 | 21.46 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0 | 22.70 | 21.50 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49 | 22.89 | 21.69 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99 | 22.71 | 21.51 | 33 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 21.89 | 20.69 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#0 | 21.88 | 20.68 | 33 | PASS |



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| | | | | | | | | |
|--------|-------|--------|-------|---------|-------|-------|----|------|
| Band41 | 20MHz | 64QAM | 41490 | 1RB#49 | 21.78 | 20.58 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 1RB#99 | 21.80 | 20.60 | 33 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 20.89 | 19.69 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 1RB#0 | 19.13 | 17.93 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 1RB#49 | 19.12 | 17.92 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 1RB#99 | 19.28 | 18.08 | 33 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 100RB#0 | 19.25 | 18.05 | 33 | PASS |



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Effective (Isotropic) Radiated Power Output Data for SEWM2309000395RG01

Test Result

Ant3:

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band41 | 20MHz | QPSK | 40620 | 1RB#0 | 23.72 | 22.52 | 33 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#49 | 23.61 | 22.41 | 33 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 1RB#99 | 23.47 | 22.27 | 33 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 22.7 | 21.5 | 33 | PASS |



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Peak-to-Average Ratio(CCDF)

Test Result

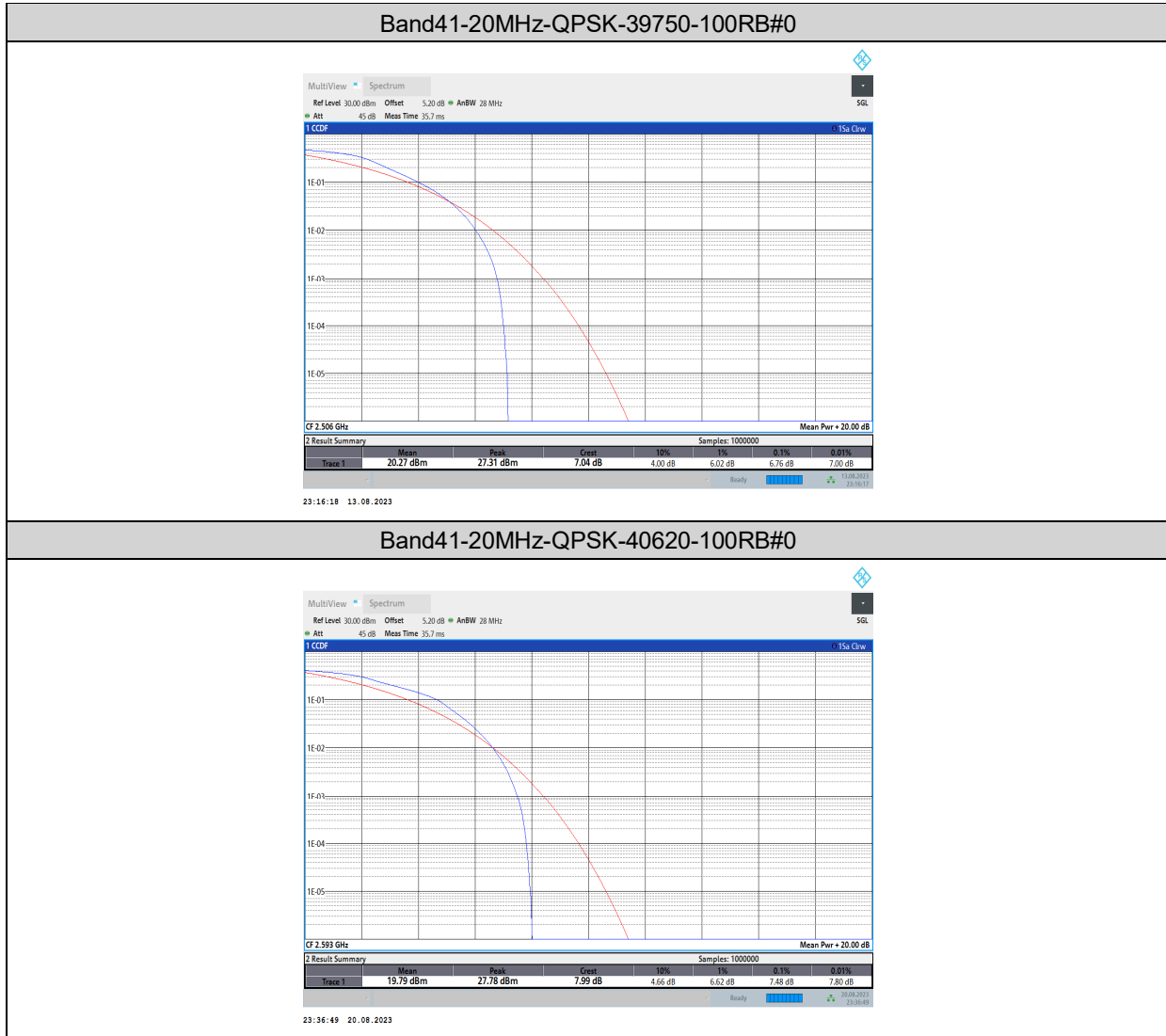
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band41 | 20MHz | QPSK | 39750 | 100RB#0 | 6.76 | 13 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 7.48 | 13 | PASS |
| Band41 | 20MHz | QPSK | 41490 | 100RB#0 | 7.78 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 7.52 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 7.44 | 13 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 7.66 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 8.24 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 8.16 | 13 | PASS |
| Band41 | 20MHz | 64QAM | 41490 | 100RB#0 | 8.18 | 13 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 100RB#0 | 8.66 | 13 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 100RB#0 | 8.66 | 13 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 100RB#0 | 8.82 | 13 | PASS |



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Test Graphs

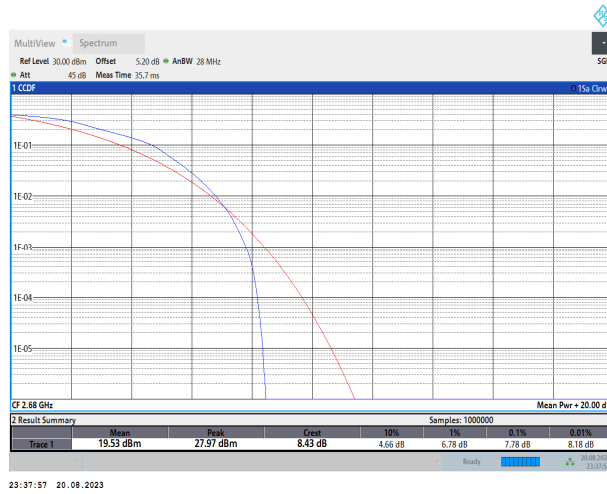


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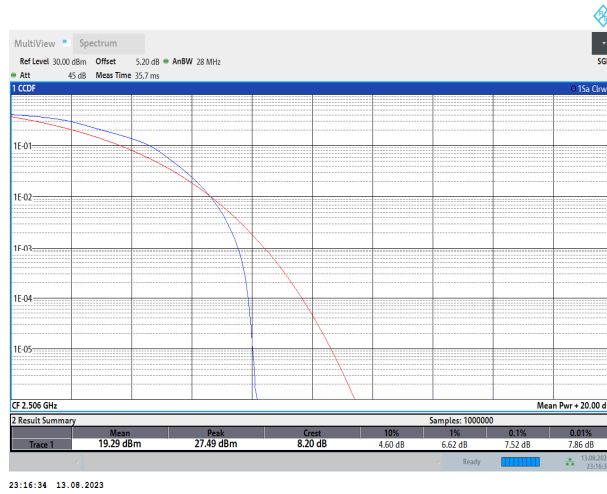
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Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-100RB#0

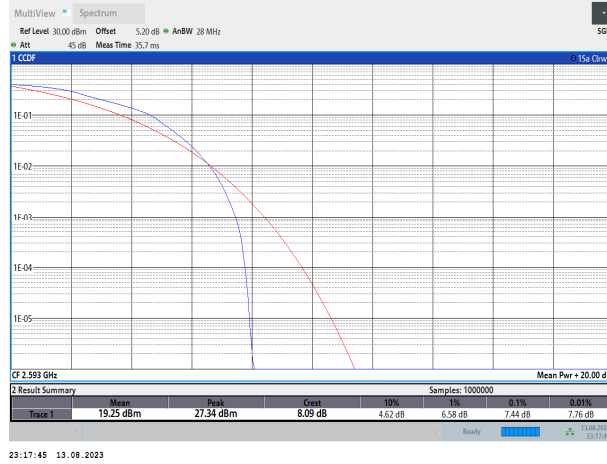


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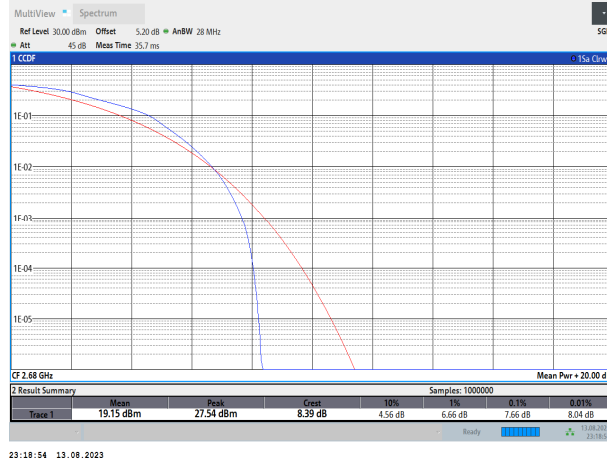
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Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0

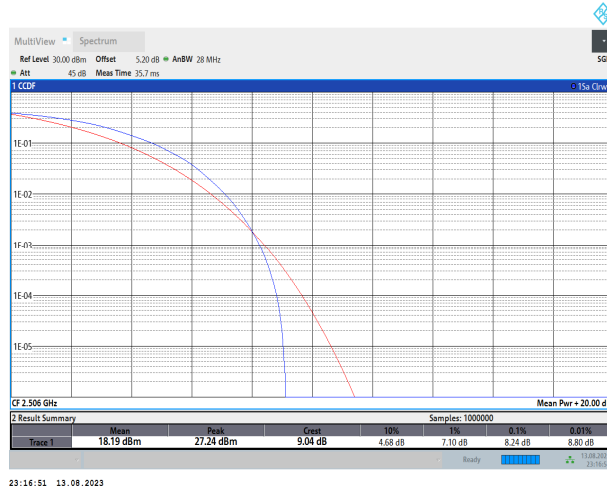


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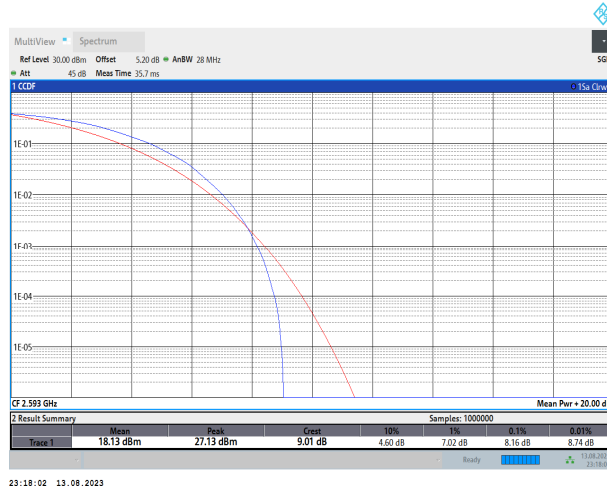
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Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0

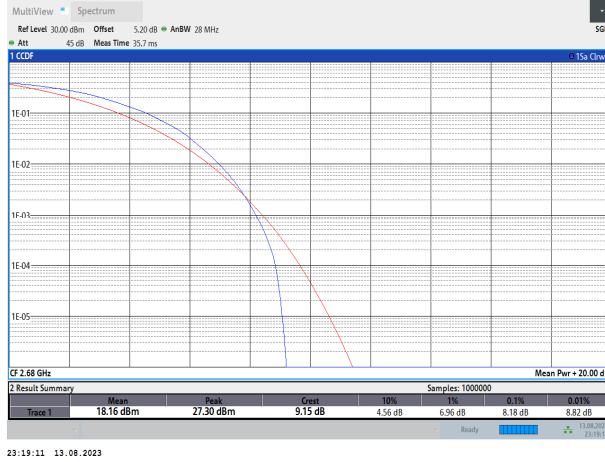


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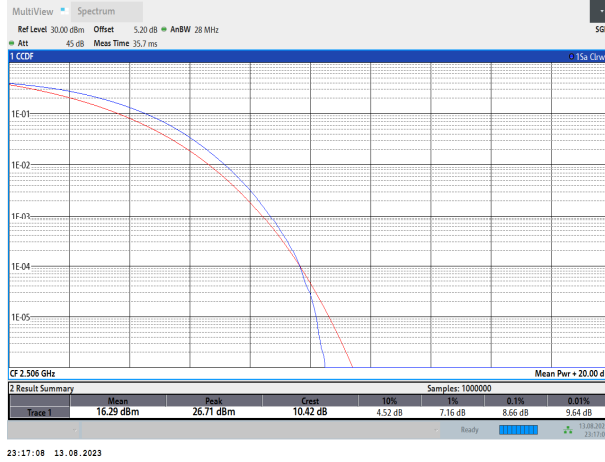
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Band41-20MHz-64QAM-41490-100RB#0



Band41-20MHz-256QAM-39750-100RB#0

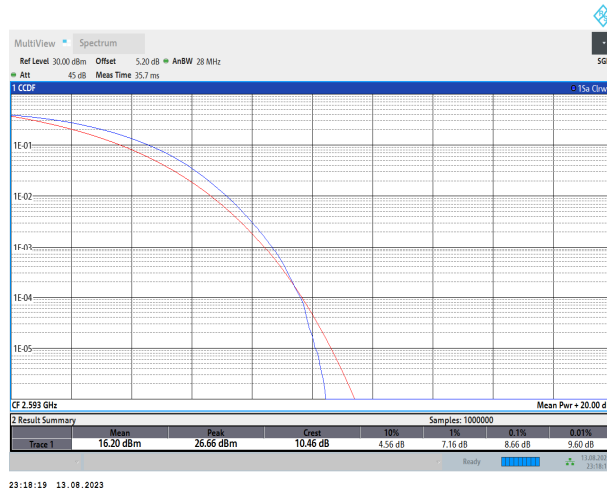


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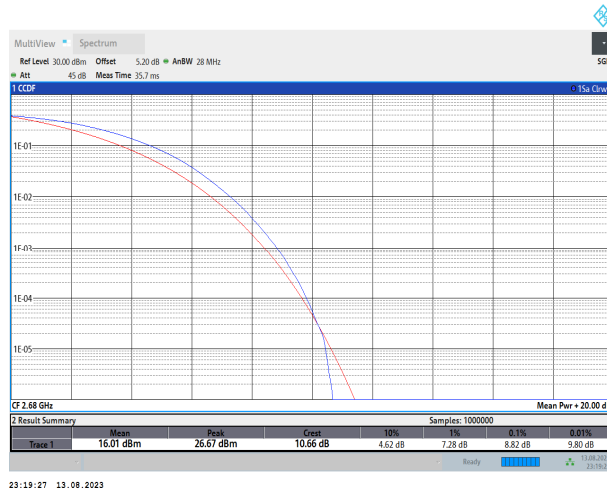
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Band41-20MHz-256QAM-40620-100RB#0



Band41-20MHz-256QAM-41490-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

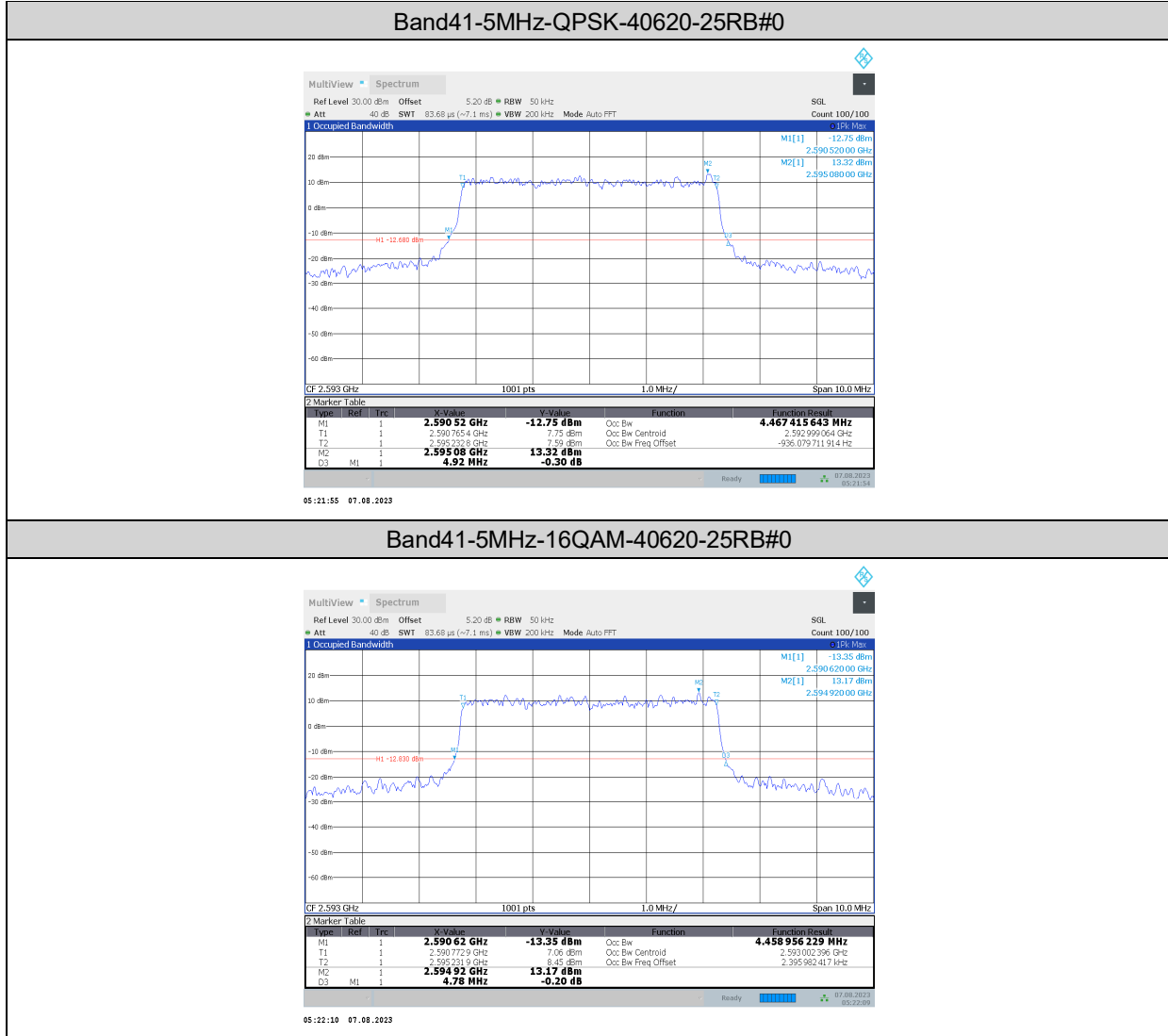
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band41 | 5MHz | QPSK | 40620 | 25RB#0 | 4.467 | 4.92 | PASS |
| Band41 | 5MHz | 16QAM | 40620 | 25RB#0 | 4.459 | 4.78 | PASS |
| Band41 | 5MHz | 64QAM | 40620 | 25RB#0 | 4.466 | 4.99 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 25RB#0 | 4.479 | 4.94 | PASS |
| Band41 | 10MHz | QPSK | 40620 | 50RB#0 | 8.970 | 9.92 | PASS |
| Band41 | 10MHz | 16QAM | 40620 | 50RB#0 | 8.947 | 9.76 | PASS |
| Band41 | 10MHz | 64QAM | 40620 | 50RB#0 | 8.949 | 9.80 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 50RB#0 | 8.953 | 9.88 | PASS |
| Band41 | 15MHz | QPSK | 40620 | 75RB#0 | 13.485 | 14.97 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0 | 13.516 | 14.88 | PASS |
| Band41 | 15MHz | 64QAM | 40620 | 75RB#0 | 13.467 | 15.00 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 75RB#0 | 13.461 | 14.97 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | 17.803 | 19.00 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 17.858 | 18.80 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 17.841 | 19.04 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 100RB#0 | 17.912 | 19.08 | PASS |



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Test Graphs

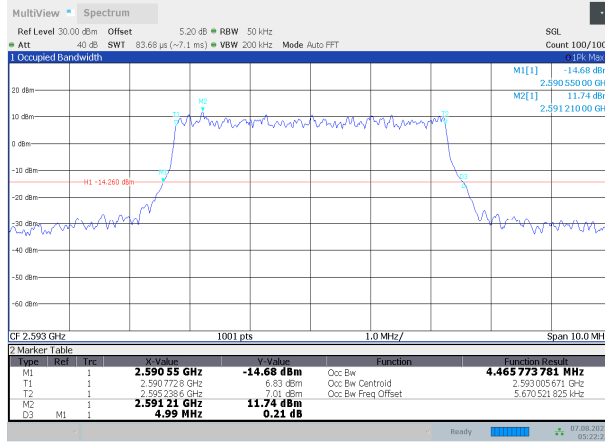


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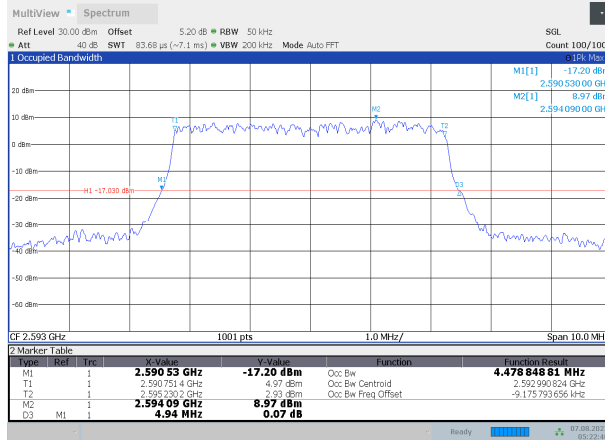
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Band41-5MHz-64QAM-40620-25RB#0



05:22:25 07.08.2023

Band41-5MHz-256QAM-40620-25RB#0



05:22:41 07.08.2023

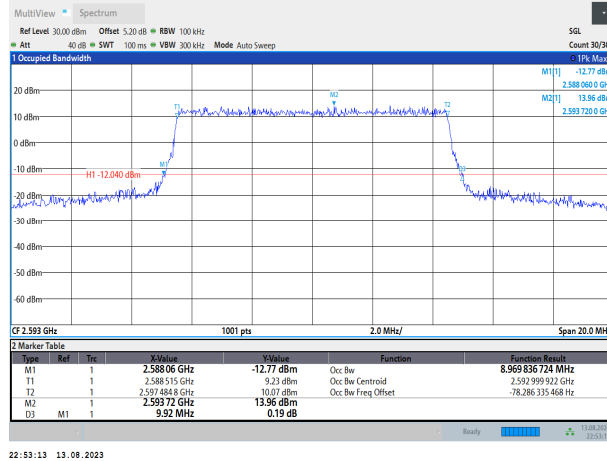


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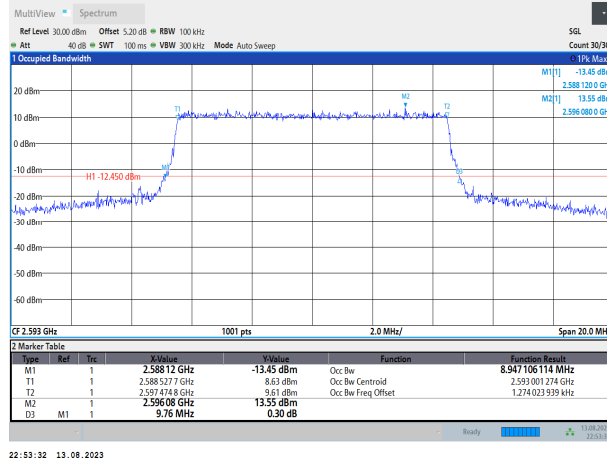
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Band41-10MHz-QPSK-40620-50RB#0



Band41-10MHz-16QAM-40620-50RB#0

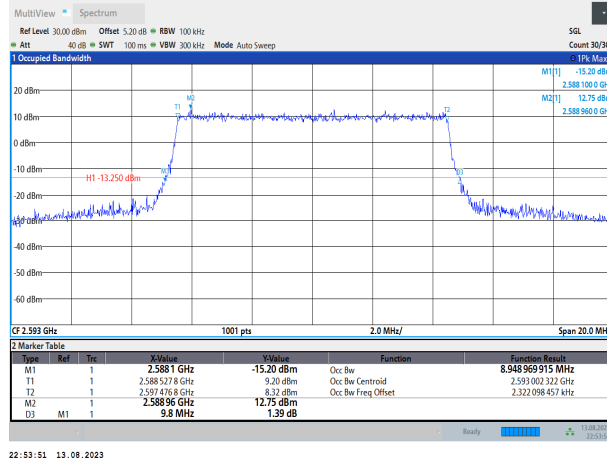


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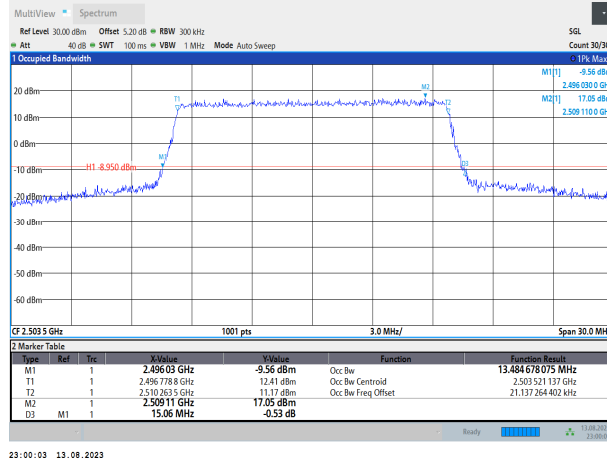
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Band41-10MHz-64QAM-40620-50RB#0



Band41-10MHz-256QAM-40620-50RB#0

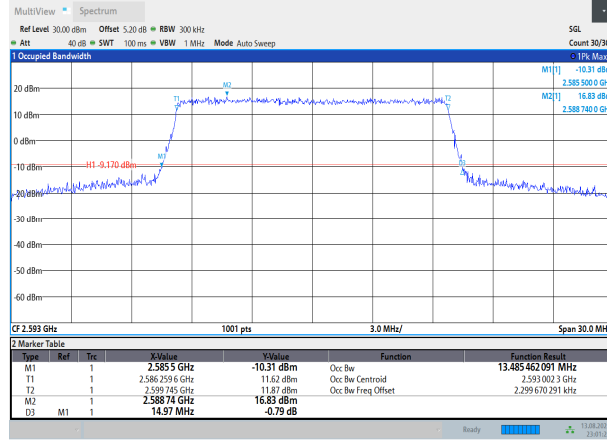


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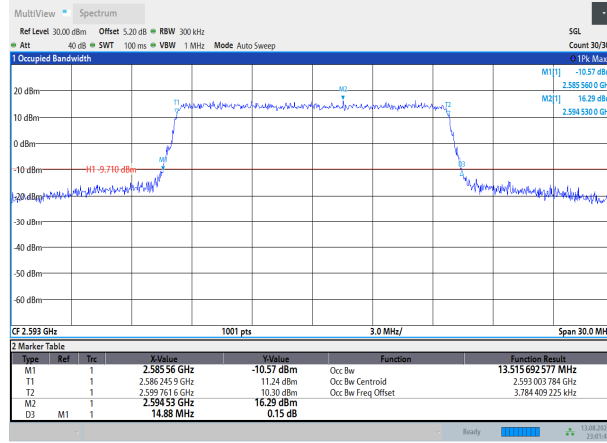
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Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-16QAM-40620-75RB#0

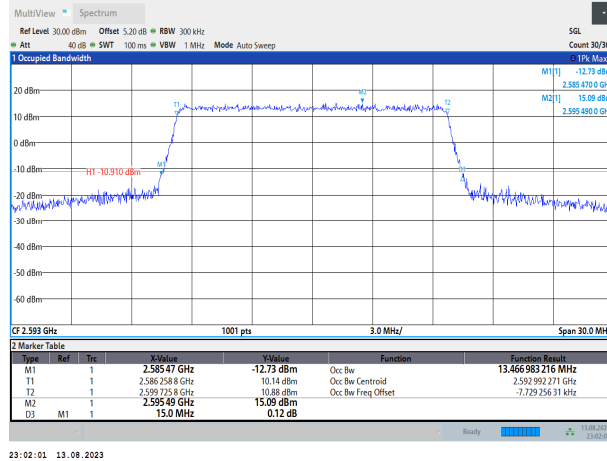


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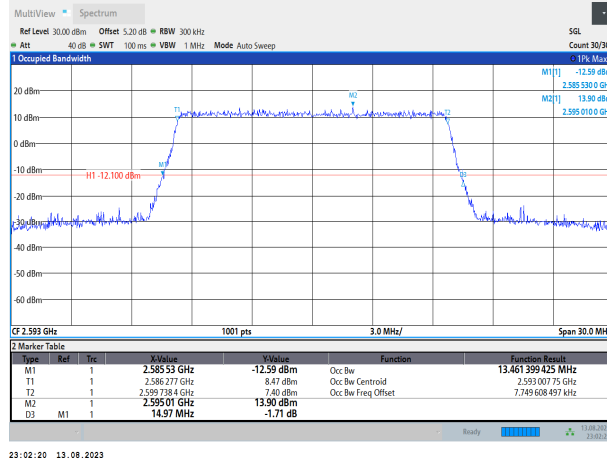
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Band41-15MHz-64QAM-40620-75RB#0



23:02:01 13.08.2023

Band41-15MHz-256QAM-40620-75RB#0



23:02:20 13.08.2023

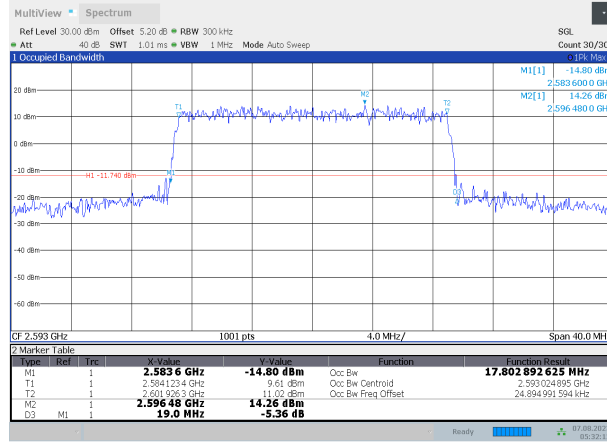


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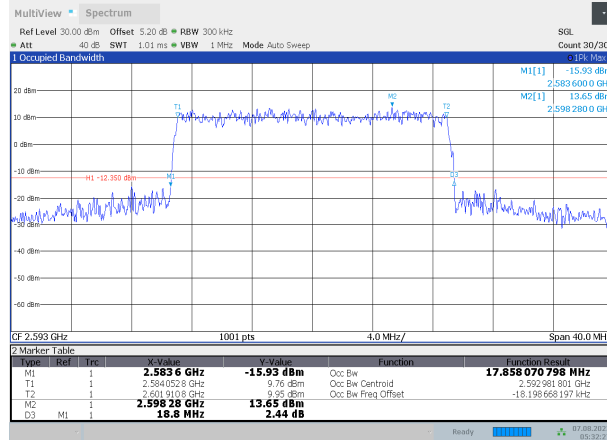
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Band41-20MHz-QPSK-40620-100RB#0



05:32:12 07.08.2023

Band41-20MHz-16QAM-40620-100RB#0



05:32:27 07.08.2023

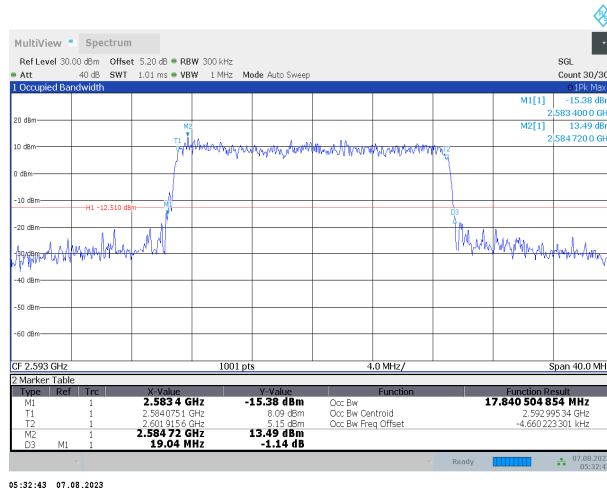


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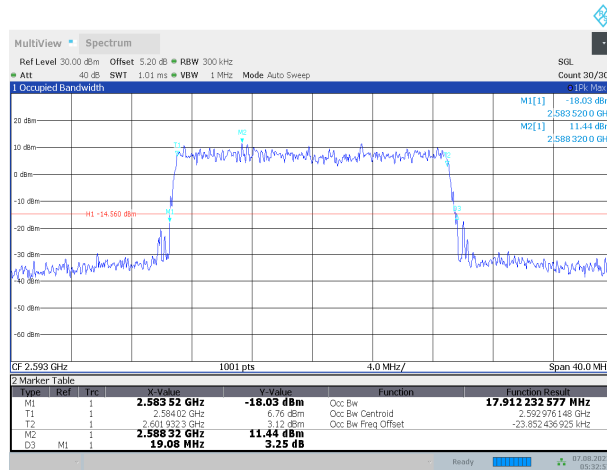
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Band41-20MHz-64QAM-40620-100RB#0



05:32:43 07.08.2023

Band41-20MHz-256QAM-40620-100RB#0



05:32:58 07.08.2023



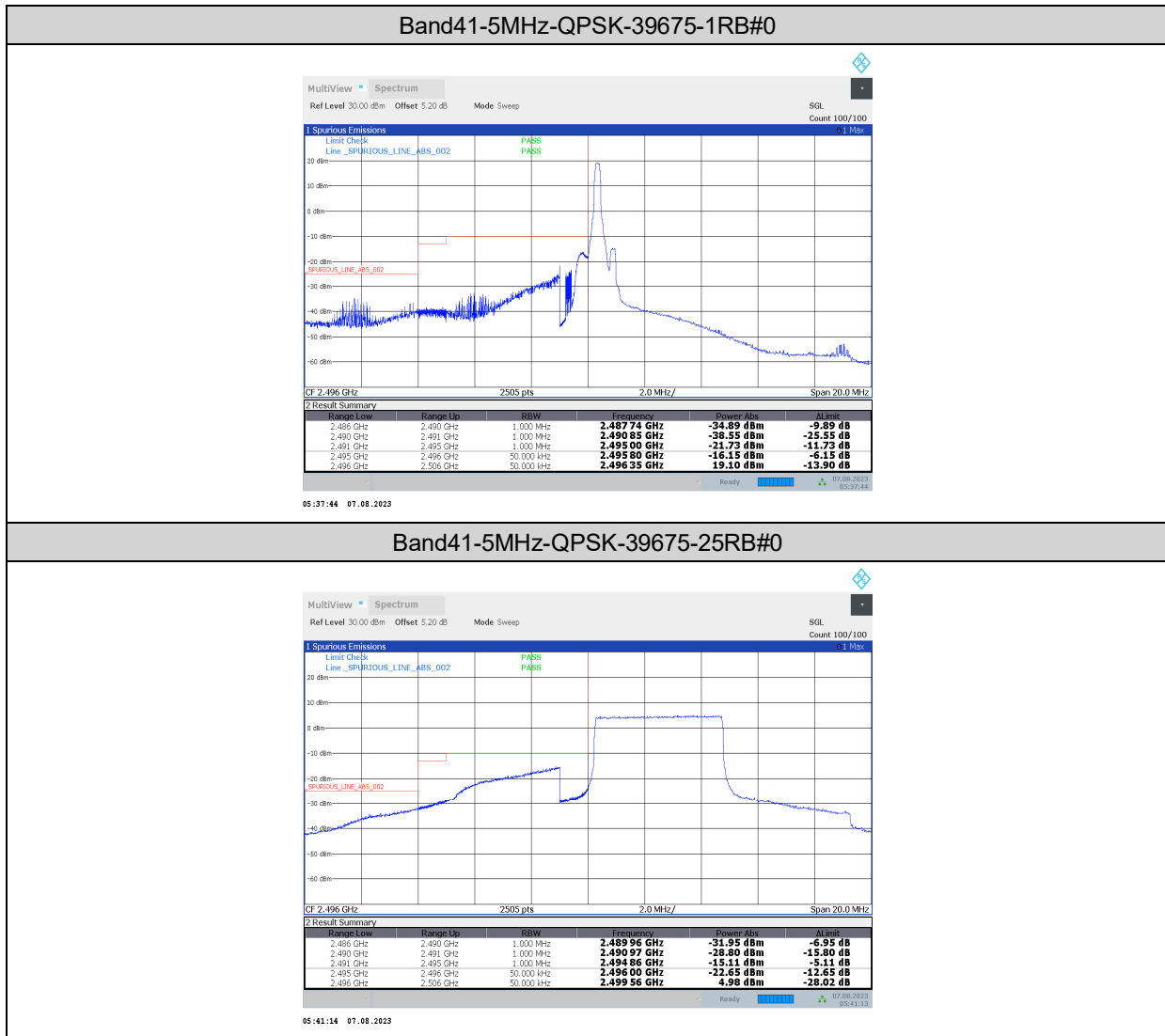
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Band Edge

Test Graphs

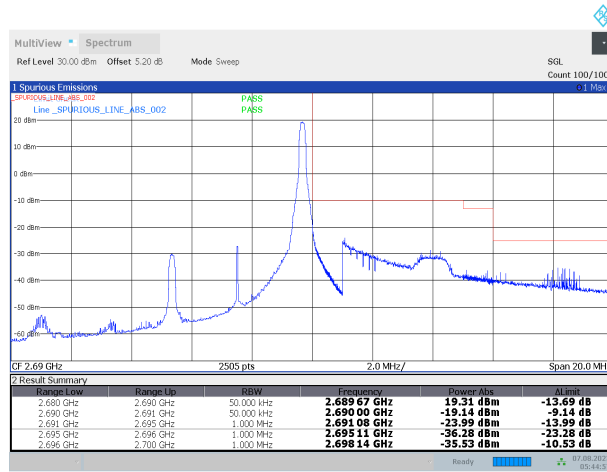


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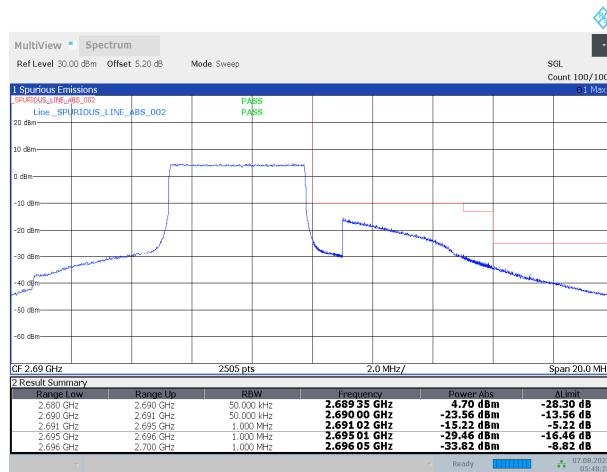
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Band41-5MHz-QPSK-41565-1RB#24



05:44:57 07.08.2023

Band41-5MHz-QPSK-41565-25RB#0



05:48:23 07.08.2023

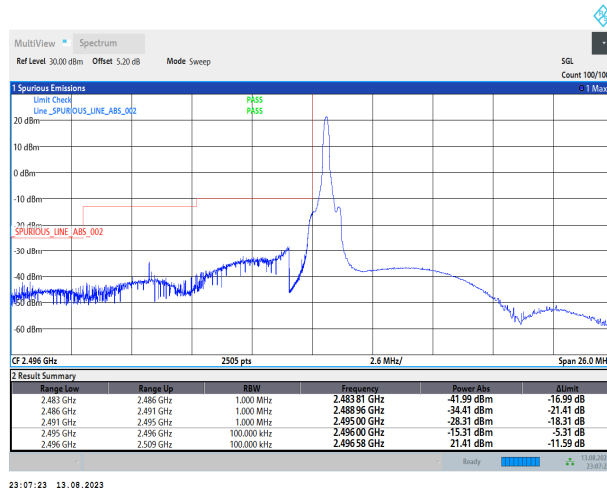


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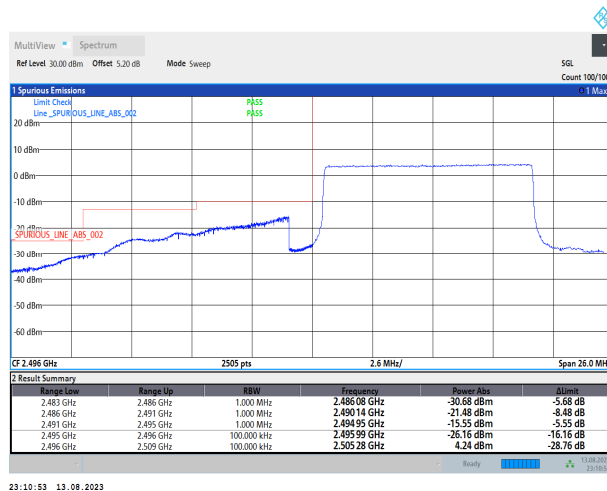
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Band41-10MHz-QPSK-39700-1RB#0



Band41-10MHz-QPSK-39700-50RB#0

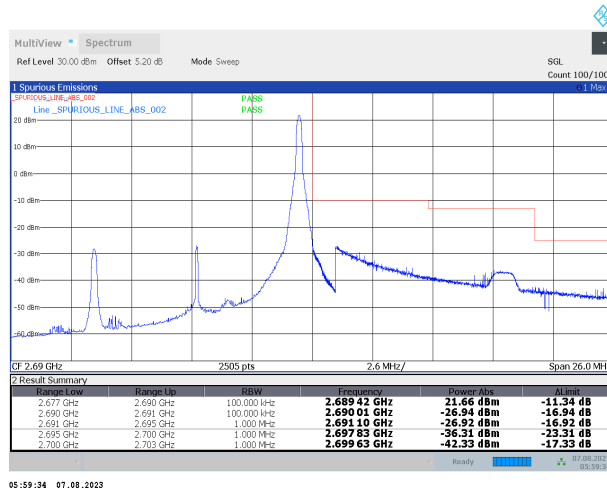


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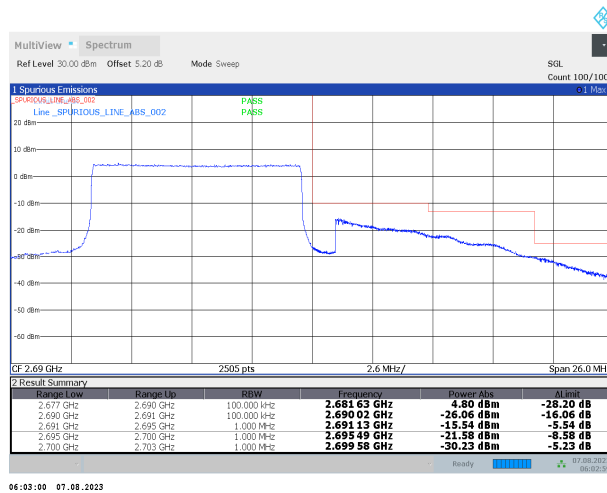
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Band41-10MHz-QPSK-41540-1RB#49



Band41-10MHz-QPSK-41540-50RB#0

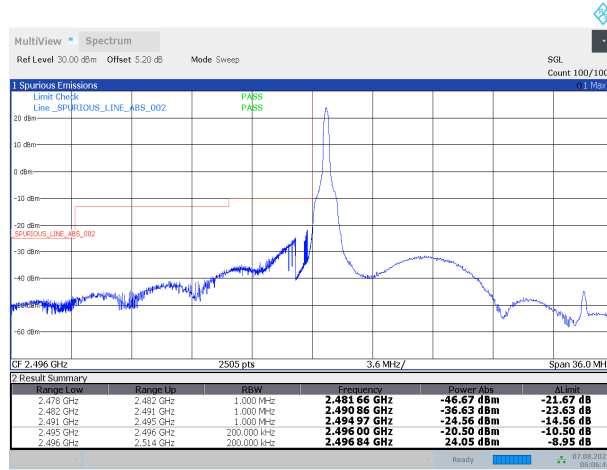


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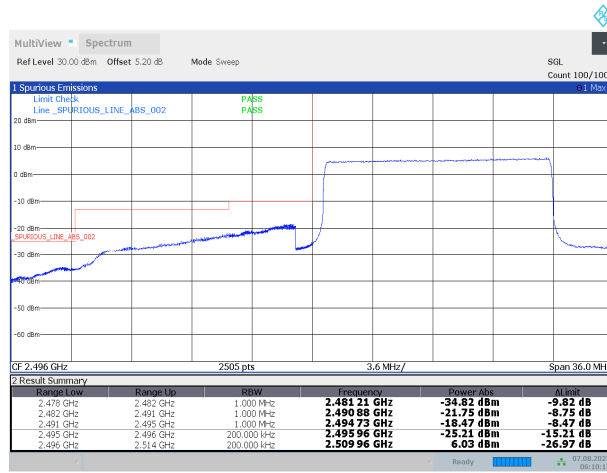
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Band41-15MHz-QPSK-39725-1RB#0



06:06:44 07.08.2023

Band41-15MHz-QPSK-39725-75RB#0



06:10:13 07.08.2023

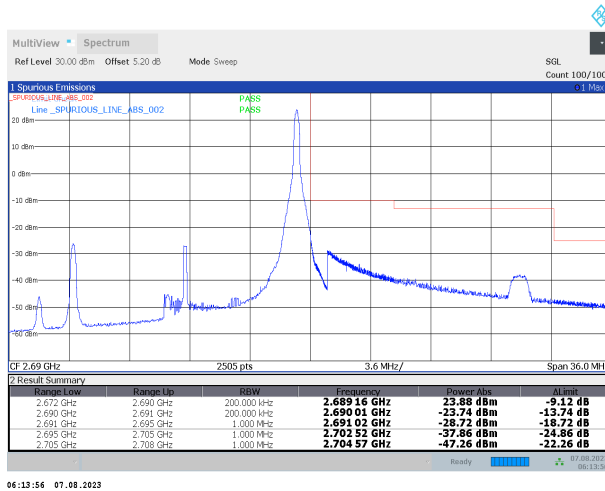


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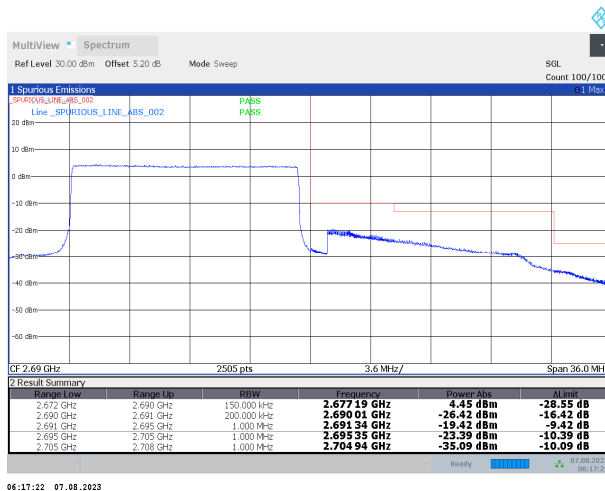
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Band41-15MHz-QPSK-41515-1RB#74



06:13:56 07.08.2023

Band41-15MHz-QPSK-41515-75RB#0



06:17:22 07.08.2023

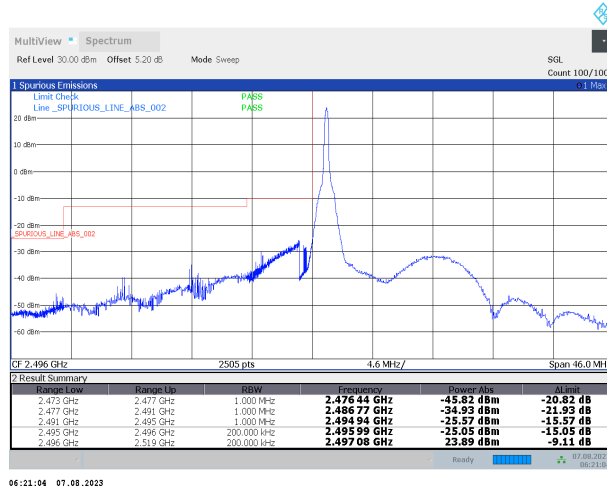


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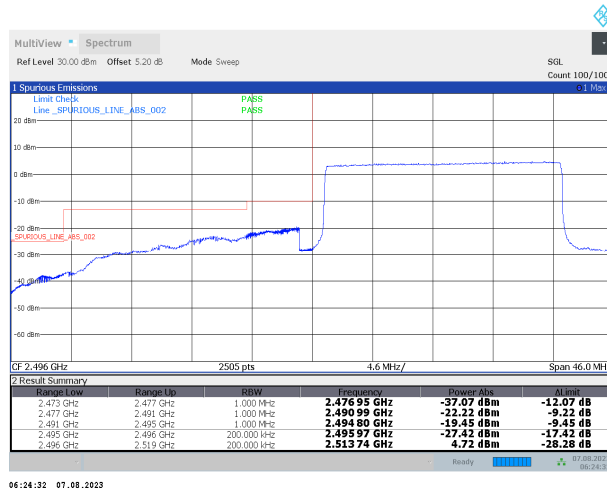
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Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-100RB#0

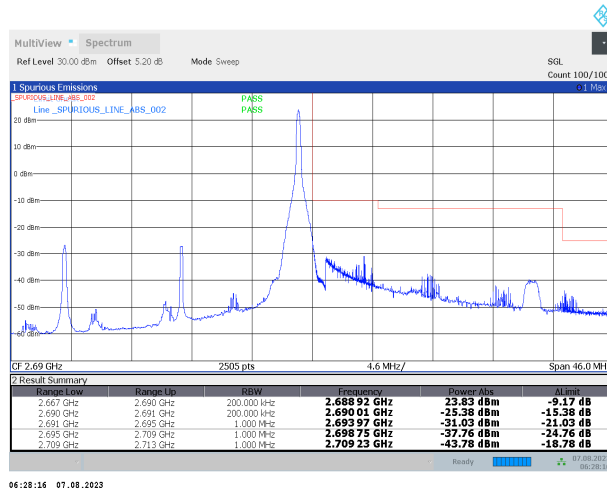


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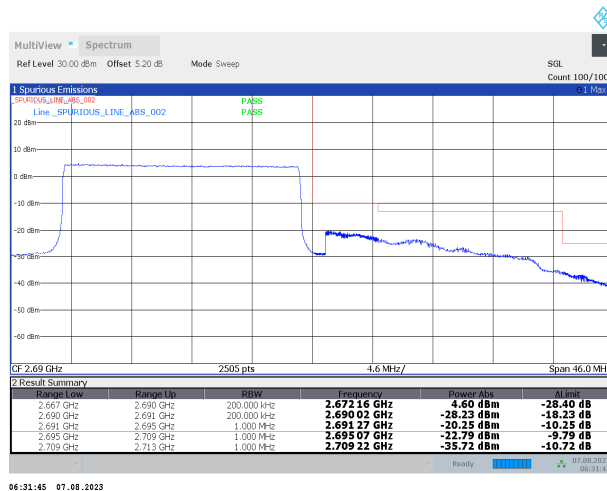
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Band41-20MHz-QPSK-41490-1RB#99



06:28:16 07.08.2023

Band41-20MHz-QPSK-41490-100RB#0



06:31:45 07.08.2023



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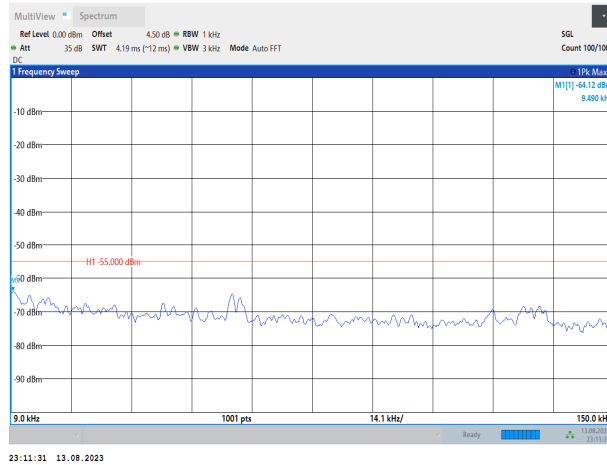
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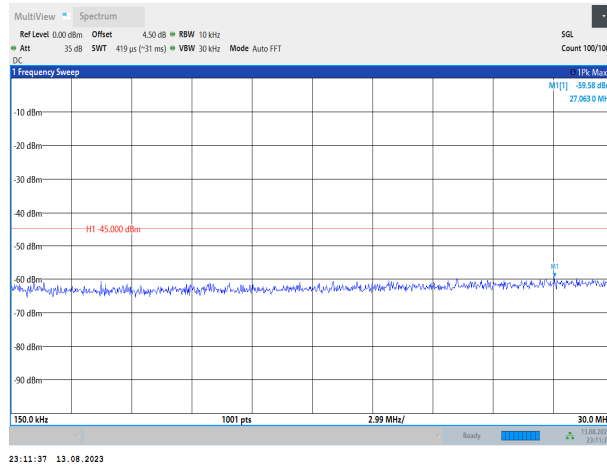
Conducted Spurious Emission

Test Graphs

Band41-20MHz-QPSK-39750-1RB#0-Range1:0.009~0.15MHz



Band41-20MHz-QPSK-39750-1RB#0-Range2:0.15~30MHz

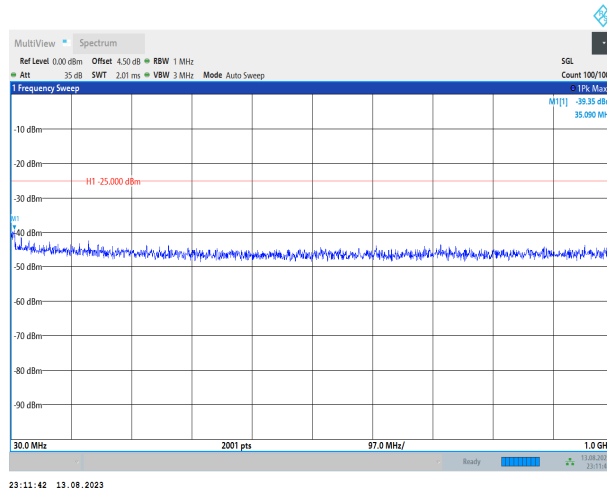


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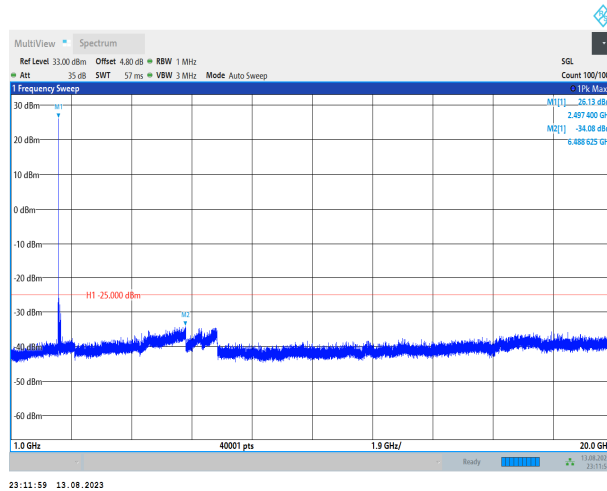
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Band41-20MHz-QPSK-39750-1RB#0-Range3:30~1000MHz



Band41-20MHz-QPSK-39750-1RB#0-Range4:1000~20000MHz

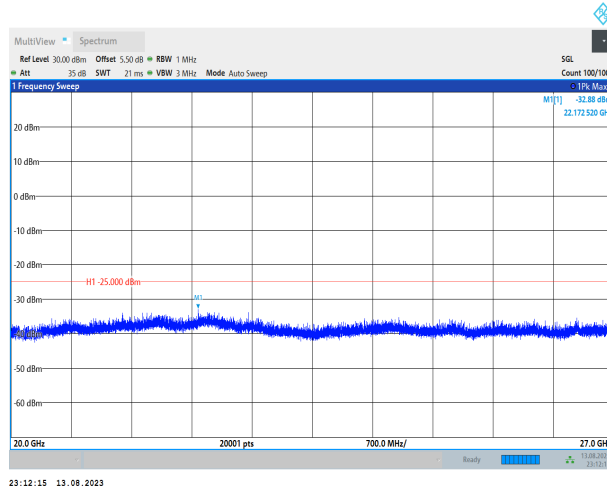


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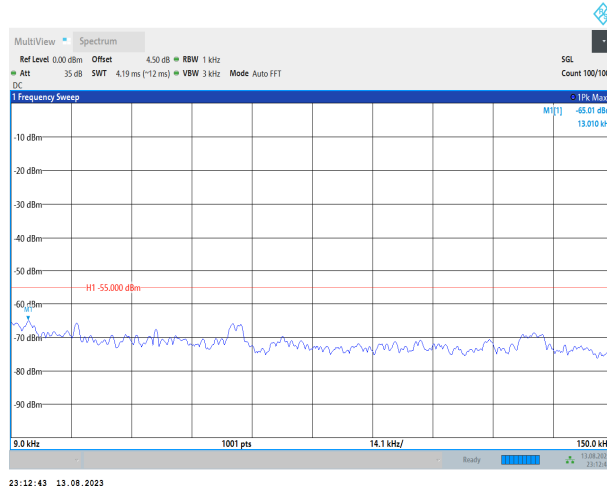
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Band41-20MHz-QPSK-39750-1RB#0-Range5:20000~27000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range1:0.009~0.15MHz

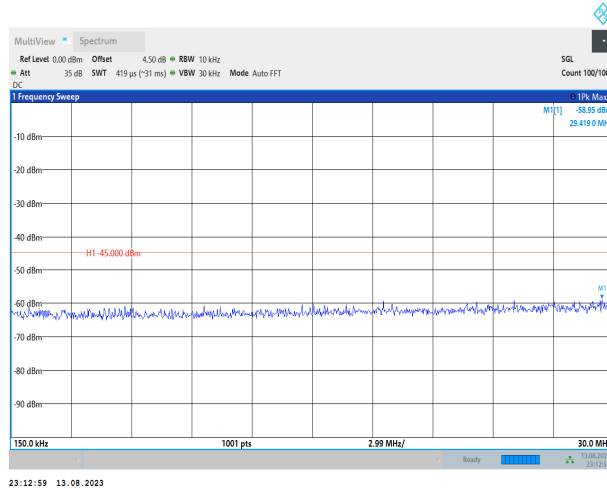


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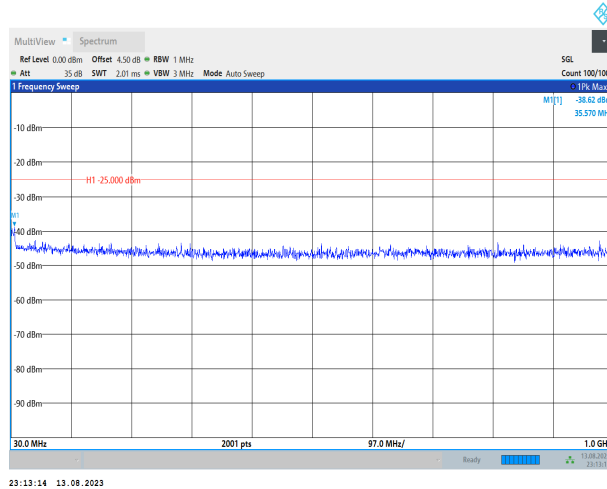
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Band41-20MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz



Band41-20MHz-QPSK-40620-1RB#0-Range3:30~1000MHz

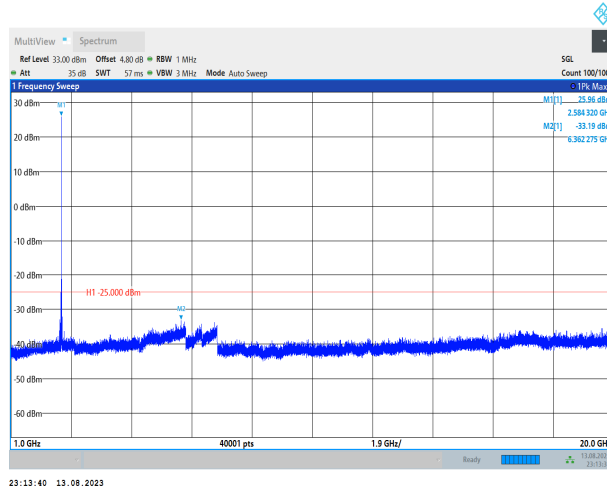


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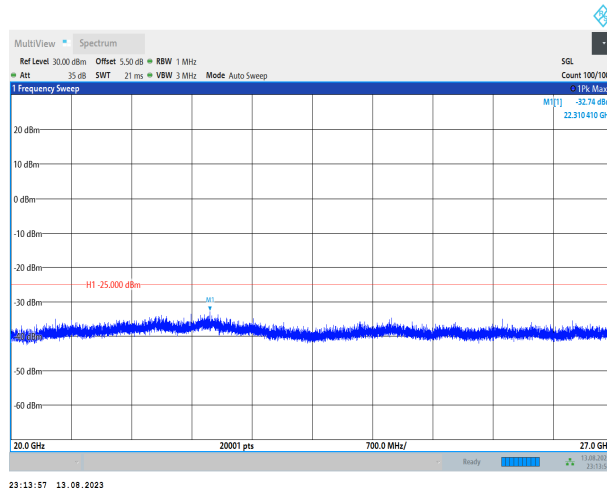
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Band41-20MHz-QPSK-40620-1RB#0-Range4:1000~20000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range5:20000~27000MHz

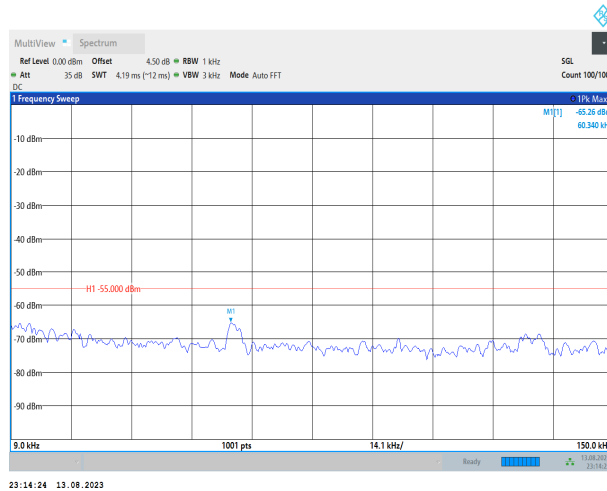


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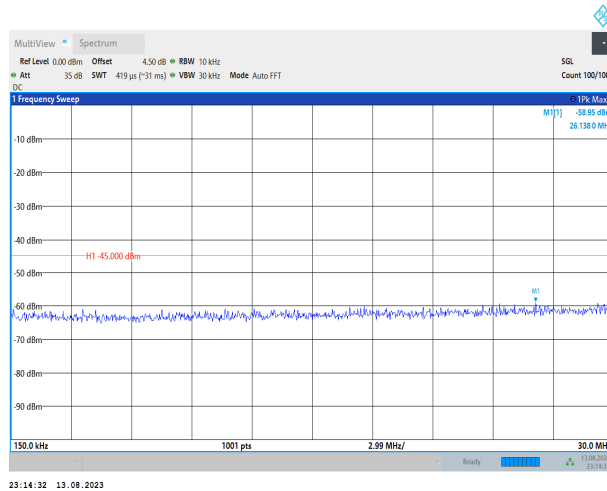
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Band41-20MHz-QPSK-41490-1RB#0-Range1:0.009~0.15MHz



Band41-20MHz-QPSK-41490-1RB#0-Range2:0.15~30MHz

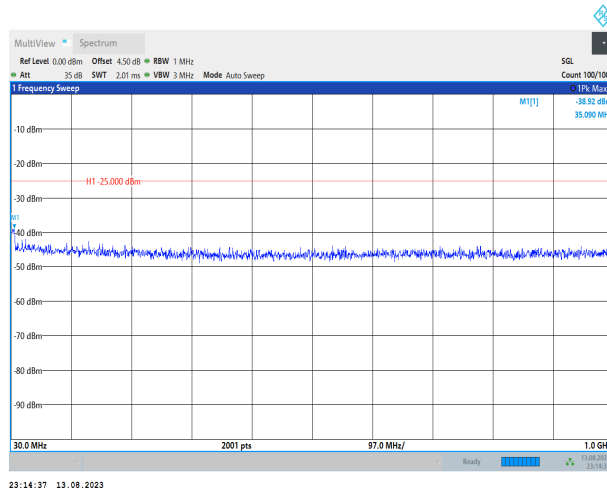


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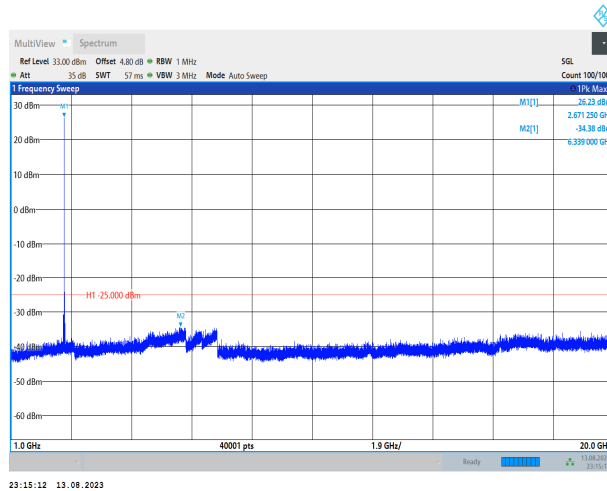
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Band41-20MHz-QPSK-41490-1RB#0-Range3:30~1000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range4:1000~20000MHz

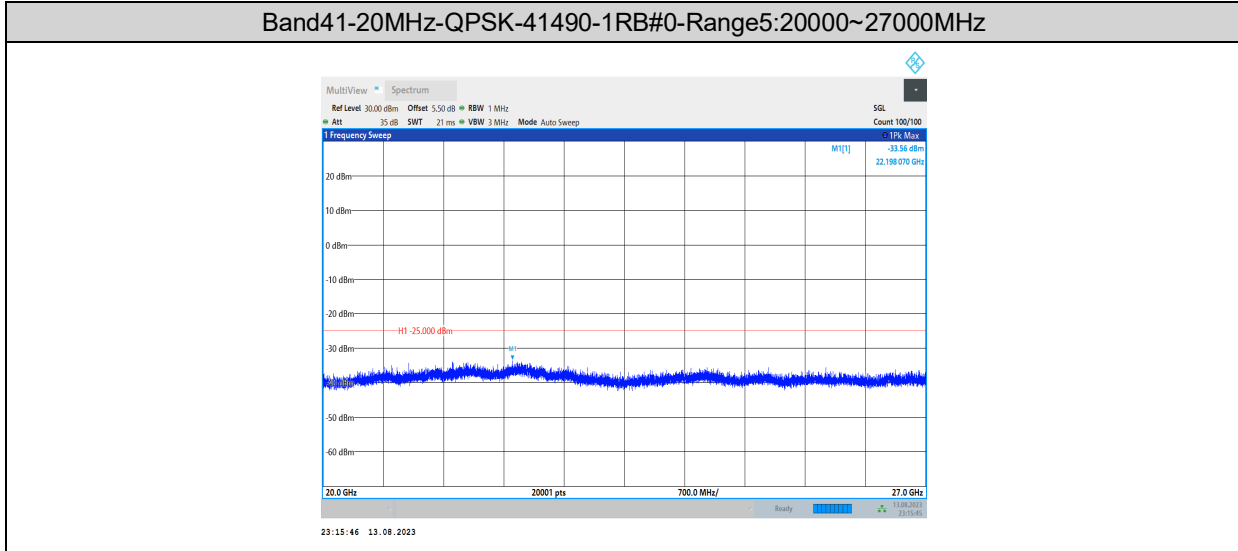


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Band41-20MHz-QPSK-41490-1RB#0-Range5:20000~27000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band41_ TM1

Test Channel = Low ANT2

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 41.17 | -45.63 | 31.39 | -68.34 | -25.00 | 43.34 | 236 | 108 | Horizontal |
| 2 | 7491.2700 | 39.20 | -43.16 | 36.58 | -62.65 | -25.00 | 37.65 | 122 | 215 | Horizontal |
| 3 | 9988.3600 | 34.99 | -39.25 | 38.18 | -61.34 | -25.00 | 36.34 | 145 | 252 | Horizontal |
| 4 | 12485.4500 | 32.74 | -37.04 | 38.95 | -60.61 | -25.00 | 35.61 | 261 | 270 | Horizontal |
| 5 | 14982.5400 | 31.48 | -34.64 | 41.29 | -57.13 | -25.00 | 32.13 | 155 | 1 | Horizontal |
| 6 | 17479.6300 | 31.55 | -35.10 | 44.46 | -54.35 | -25.00 | 29.35 | 189 | 144 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 41.24 | -45.63 | 31.39 | -68.27 | -25.00 | 43.27 | 244 | 360 | Vertical |
| 2 | 7491.2700 | 39.56 | -43.16 | 36.58 | -62.29 | -25.00 | 37.29 | 178 | 72 | Vertical |
| 3 | 9988.3600 | 35.17 | -39.25 | 38.18 | -61.16 | -25.00 | 36.16 | 189 | 4 | Vertical |
| 4 | 12485.4500 | 33.02 | -37.04 | 38.95 | -60.33 | -25.00 | 35.33 | 163 | 290 | Vertical |
| 5 | 14982.5400 | 31.72 | -34.64 | 41.29 | -56.89 | -25.00 | 31.89 | 263 | 72 | Vertical |
| 6 | 17479.6300 | 30.91 | -35.10 | 44.46 | -54.99 | -25.00 | 29.99 | 216 | 72 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = Mid ANT2

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4260 | 43.52 | -45.63 | 29.72 | -67.65 | -25.00 | 42.65 | 211 | 0 | Horizontal |
| 2 | 5168.1800 | 42.17 | -45.31 | 31.80 | -66.59 | -25.00 | 41.59 | 136 | 1 | Horizontal |
| 3 | 7752.2700 | 40.35 | -42.69 | 36.70 | -60.90 | -25.00 | 35.90 | 256 | 307 | Horizontal |
| 4 | 10336.3600 | 34.87 | -39.06 | 38.37 | -61.08 | -25.00 | 36.08 | 145 | 54 | Horizontal |
| 5 | 12920.4500 | 31.89 | -37.16 | 39.08 | -61.45 | -25.00 | 36.45 | 188 | 145 | Horizontal |
| 6 | 15504.5400 | 31.32 | -35.35 | 40.24 | -59.05 | -25.00 | 34.05 | 196 | 1 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3977.5 | 44.22 | -46.09 | 29.08 | -68.06 | -25.00 | 43.06 | 236 | 55 | Vertical |
| 2 | 5168.1800 | 40.96 | -45.31 | 31.80 | -67.80 | -25.00 | 42.80 | 251 | 127 | Vertical |
| 3 | 7752.2700 | 39.77 | -42.69 | 36.70 | -61.48 | -25.00 | 36.48 | 145 | 358 | Vertical |
| 4 | 10336.3600 | 35.27 | -39.06 | 38.37 | -60.68 | -25.00 | 35.68 | 186 | 324 | Vertical |
| 5 | 12920.4500 | 33.25 | -37.16 | 39.08 | -60.09 | -25.00 | 35.09 | 256 | 216 | Vertical |
| 6 | 15504.5400 | 30.90 | -35.35 | 40.24 | -59.47 | -25.00 | 34.47 | 136 | 353 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = High ANT2

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4260 | 43.50 | -45.63 | 29.72 | -67.67 | -25.00 | 42.67 | 285 | 197 | Horizontal |
| 2 | 5255.1800 | 41.64 | -45.17 | 32.01 | -66.78 | -25.00 | 41.78 | 145 | 0 | Horizontal |
| 3 | 7882.7700 | 39.82 | -42.73 | 36.75 | -61.42 | -25.00 | 36.42 | 156 | 89 | Horizontal |
| 4 | 10510.3600 | 34.64 | -38.77 | 38.46 | -60.93 | -25.00 | 35.93 | 263 | 7 | Horizontal |
| 5 | 13137.9500 | 31.63 | -37.08 | 39.35 | -61.36 | -25.00 | 36.36 | 261 | 124 | Horizontal |
| 6 | 15765.5400 | 30.00 | -33.24 | 39.69 | -58.81 | -25.00 | 33.81 | 166 | 34 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4245.5 | 43.58 | -45.67 | 29.69 | -67.66 | -25.00 | 42.66 | 189 | 218 | Vertical |
| 2 | 5255.1800 | 41.73 | -45.17 | 32.01 | -66.69 | -25.00 | 41.69 | 256 | 289 | Vertical |
| 3 | 7882.7700 | 39.17 | -42.73 | 36.75 | -62.07 | -25.00 | 37.07 | 142 | 358 | Vertical |
| 4 | 10510.3600 | 34.47 | -38.77 | 38.46 | -61.10 | -25.00 | 36.10 | 155 | 90 | Vertical |
| 5 | 13137.9500 | 32.15 | -37.08 | 39.35 | -60.84 | -25.00 | 35.84 | 136 | 270 | Vertical |
| 6 | 15765.5400 | 30.15 | -33.24 | 39.69 | -58.66 | -25.00 | 33.66 | 261 | 358 | Vertical |



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Test Band = LTE Band41_ TM1
Test Channel = Low ANT3

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 41.31 | -45.63 | 31.39 | -68.20 | -25.00 | 43.20 | 174 | 179 | Horizontal |
| 2 | 7491.2700 | 38.86 | -43.16 | 36.58 | -62.99 | -25.00 | 37.99 | 159 | 6 | Horizontal |
| 3 | 9988.3600 | 35.45 | -39.25 | 38.18 | -60.88 | -25.00 | 35.88 | 186 | 106 | Horizontal |
| 4 | 12485.4500 | 32.29 | -37.04 | 38.95 | -61.06 | -25.00 | 36.06 | 263 | 179 | Horizontal |
| 5 | 14982.5400 | 30.54 | -34.64 | 41.29 | -58.07 | -25.00 | 33.07 | 261 | 106 | Horizontal |
| 6 | 17479.6300 | 31.33 | -35.10 | 44.46 | -54.57 | -25.00 | 29.57 | 145 | 0 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 41.50 | -45.63 | 31.39 | -68.01 | -25.00 | 43.01 | 302 | 360 | Vertical |
| 2 | 7491.2700 | 39.22 | -43.16 | 36.58 | -62.63 | -25.00 | 37.63 | 159 | 360 | Vertical |
| 3 | 9988.3600 | 35.17 | -39.25 | 38.18 | -61.16 | -25.00 | 36.16 | 184 | 324 | Vertical |
| 4 | 12485.4500 | 31.97 | -37.04 | 38.95 | -61.38 | -25.00 | 36.38 | 175 | 360 | Vertical |
| 5 | 14982.5400 | 31.02 | -34.64 | 41.29 | -57.59 | -25.00 | 32.59 | 165 | 216 | Vertical |
| 6 | 17479.6300 | 30.67 | -35.10 | 44.46 | -55.23 | -25.00 | 30.23 | 188 | 108 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = Mid ANT3

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3888.5 | 43.82 | -46.24 | 28.99 | -68.69 | -25.00 | 43.69 | 244 | 1 | Horizontal |
| 2 | 5168.1800 | 40.75 | -45.31 | 31.80 | -68.01 | -25.00 | 43.01 | 163 | 71 | Horizontal |
| 3 | 7752.2700 | 39.30 | -42.69 | 36.70 | -61.95 | -25.00 | 36.95 | 251 | 54 | Horizontal |
| 4 | 10336.3600 | 35.29 | -39.06 | 38.37 | -60.66 | -25.00 | 35.66 | 158 | 106 | Horizontal |
| 5 | 12920.4500 | 32.46 | -37.16 | 39.08 | -60.88 | -25.00 | 35.88 | 175 | 324 | Horizontal |
| 6 | 15504.5400 | 31.08 | -35.35 | 40.24 | -59.29 | -25.00 | 34.29 | 189 | 0 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4728 | 43.84 | -45.58 | 30.80 | -66.20 | -25.00 | 41.20 | 245 | 254 | Vertical |
| 2 | 5168.1800 | 41.05 | -45.31 | 31.80 | -67.71 | -25.00 | 42.71 | 156 | 218 | Vertical |
| 3 | 7752.2700 | 39.02 | -42.69 | 36.70 | -62.23 | -25.00 | 37.23 | 236 | 73 | Vertical |
| 4 | 10336.3600 | 35.48 | -39.06 | 38.37 | -60.47 | -25.00 | 35.47 | 259 | 109 | Vertical |
| 5 | 12920.4500 | 32.89 | -37.16 | 39.08 | -60.45 | -25.00 | 35.45 | 185 | 308 | Vertical |
| 6 | 15504.5400 | 30.53 | -35.35 | 40.24 | -59.84 | -25.00 | 34.84 | 175 | 273 | Vertical |



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Test Band = LTE Band41_ TM1
Test Channel = High ANT3

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4066 | 43.43 | -45.86 | 29.26 | -68.43 | -25.00 | 43.43 | 255 | 268 | Horizontal |
| 2 | 5255.1800 | 41.01 | -45.17 | 32.01 | -67.41 | -25.00 | 42.41 | 145 | 32 | Horizontal |
| 3 | 7882.7700 | 39.07 | -42.73 | 36.75 | -62.17 | -25.00 | 37.17 | 163 | 341 | Horizontal |
| 4 | 10510.3600 | 34.13 | -38.77 | 38.46 | -61.44 | -25.00 | 36.44 | 256 | 16 | Horizontal |
| 5 | 13137.9500 | 32.65 | -37.08 | 39.35 | -60.34 | -25.00 | 35.34 | 126 | 341 | Horizontal |
| 6 | 15765.5400 | 30.24 | -33.24 | 39.69 | -58.57 | -25.00 | 33.57 | 291 | 0 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4072.5 | 43.59 | -45.84 | 29.27 | -68.23 | -25.00 | 43.23 | 255 | 270 | Vertical |
| 2 | 5255.1800 | 41.22 | -45.17 | 32.01 | -67.20 | -25.00 | 42.20 | 145 | 358 | Vertical |
| 3 | 7882.7700 | 38.99 | -42.73 | 36.75 | -62.25 | -25.00 | 37.25 | 186 | 4 | Vertical |
| 4 | 10510.3600 | 34.56 | -38.77 | 38.46 | -61.01 | -25.00 | 36.01 | 236 | 270 | Vertical |
| 5 | 13137.9500 | 32.39 | -37.08 | 39.35 | -60.60 | -25.00 | 35.60 | 256 | 308 | Vertical |
| 6 | 15765.5400 | 29.57 | -33.24 | 39.69 | -59.24 | -25.00 | 34.24 | 261 | 73 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = Low ANT4

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 42.11 | -45.63 | 31.39 | -67.40 | -25.00 | 42.40 | 177 | 35 | Horizontal |
| 2 | 7491.2700 | 40.10 | -43.16 | 36.58 | -61.75 | -25.00 | 36.75 | 148 | 2 | Horizontal |
| 3 | 9988.3600 | 35.40 | -39.25 | 38.18 | -60.93 | -25.00 | 35.93 | 189 | 144 | Horizontal |
| 4 | 12485.4500 | 32.22 | -37.04 | 38.95 | -61.13 | -25.00 | 36.13 | 261 | 1 | Horizontal |
| 5 | 14982.5400 | 30.99 | -34.64 | 41.29 | -57.62 | -25.00 | 32.62 | 152 | 306 | Horizontal |
| 6 | 17479.6300 | 31.47 | -35.10 | 44.46 | -54.43 | -25.00 | 29.43 | 136 | 356 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 41.78 | -45.63 | 31.39 | -67.73 | -25.00 | 42.73 | 244 | 162 | Vertical |
| 2 | 7491.2700 | 39.66 | -43.16 | 36.58 | -62.19 | -25.00 | 37.19 | 126 | 73 | Vertical |
| 3 | 9988.3600 | 35.88 | -39.25 | 38.18 | -60.45 | -25.00 | 35.45 | 259 | 252 | Vertical |
| 4 | 12485.4500 | 32.73 | -37.04 | 38.95 | -60.62 | -25.00 | 35.62 | 192 | 288 | Vertical |
| 5 | 14982.5400 | 31.24 | -34.64 | 41.29 | -57.37 | -25.00 | 32.37 | 175 | 4 | Vertical |
| 6 | 17479.6300 | 31.60 | -35.10 | 44.46 | -54.30 | -25.00 | 29.30 | 122 | 359 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = Mid ANT4

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4064.5 | 43.28 | -45.86 | 29.25 | -68.58 | -25.00 | 43.58 | 244 | 178 | Horizontal |
| 2 | 5168.1800 | 41.37 | -45.31 | 31.80 | -67.39 | -25.00 | 42.39 | 158 | 53 | Horizontal |
| 3 | 7752.2700 | 39.32 | -42.69 | 36.70 | -61.93 | -25.00 | 36.93 | 100 | 1 | Horizontal |
| 4 | 10336.3600 | 34.69 | -39.06 | 38.37 | -61.26 | -25.00 | 36.26 | 186 | 342 | Horizontal |
| 5 | 12920.4500 | 32.33 | -37.16 | 39.08 | -61.01 | -25.00 | 36.01 | 261 | 7 | Horizontal |
| 6 | 15504.5400 | 31.14 | -35.35 | 40.24 | -59.23 | -25.00 | 34.23 | 166 | 287 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4236 | 43.29 | -45.69 | 29.67 | -67.99 | -25.00 | 42.99 | 166 | 181 | Vertical |
| 2 | 5168.1800 | 41.04 | -45.31 | 31.80 | -67.72 | -25.00 | 42.72 | 259 | 181 | Vertical |
| 3 | 7752.2700 | 39.49 | -42.69 | 36.70 | -61.76 | -25.00 | 36.76 | 184 | 87 | Vertical |
| 4 | 10336.3600 | 35.09 | -39.06 | 38.37 | -60.86 | -25.00 | 35.86 | 175 | 197 | Vertical |
| 5 | 12920.4500 | 32.74 | -37.16 | 39.08 | -60.60 | -25.00 | 35.60 | 122 | 197 | Vertical |
| 6 | 15504.5400 | 32.13 | -35.35 | 40.24 | -58.24 | -25.00 | 33.24 | 236 | 71 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = High ANT4

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4244 | 43.36 | -45.67 | 29.69 | -67.88 | -25.00 | 42.88 | 244 | 0 | Horizontal |
| 2 | 5255.1800 | 41.46 | -45.17 | 32.01 | -66.96 | -25.00 | 41.96 | 178 | 357 | Horizontal |
| 3 | 7882.7700 | 38.68 | -42.73 | 36.75 | -62.56 | -25.00 | 37.56 | 163 | 54 | Horizontal |
| 4 | 10510.3600 | 34.69 | -38.77 | 38.46 | -60.88 | -25.00 | 35.88 | 256 | 0 | Horizontal |
| 5 | 13137.9500 | 32.56 | -37.08 | 39.35 | -60.43 | -25.00 | 35.43 | 162 | 1 | Horizontal |
| 6 | 15765.5400 | 29.75 | -33.24 | 39.69 | -59.06 | -25.00 | 34.06 | 199 | 180 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3963 | 43.93 | -46.13 | 29.06 | -68.40 | -25.00 | 43.40 | 244 | 163 | Vertical |
| 2 | 5255.1800 | 40.84 | -45.17 | 32.01 | -67.58 | -25.00 | 42.58 | 158 | 127 | Vertical |
| 3 | 7882.7700 | 38.75 | -42.73 | 36.75 | -62.49 | -25.00 | 37.49 | 175 | 163 | Vertical |
| 4 | 10510.3600 | 34.21 | -38.77 | 38.46 | -61.36 | -25.00 | 36.36 | 142 | 288 | Vertical |
| 5 | 13137.9500 | 31.50 | -37.08 | 39.35 | -61.49 | -25.00 | 36.49 | 126 | 359 | Vertical |
| 6 | 15765.5400 | 29.63 | -33.24 | 39.69 | -59.18 | -25.00 | 34.18 | 259 | 198 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = Low ANT5

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 41.65 | -45.63 | 31.39 | -67.86 | -25.00 | 42.86 | 302 | 288 | Horizontal |
| 2 | 7491.2700 | 39.06 | -43.16 | 36.58 | -62.79 | -25.00 | 37.79 | 122 | 53 | Horizontal |
| 3 | 9988.3600 | 35.23 | -39.25 | 38.18 | -61.10 | -25.00 | 36.10 | 251 | 306 | Horizontal |
| 4 | 12485.4500 | 33.47 | -37.04 | 38.95 | -59.88 | -25.00 | 34.88 | 156 | 356 | Horizontal |
| 5 | 14982.5400 | 31.56 | -34.64 | 41.29 | -57.05 | -25.00 | 32.05 | 239 | 35 | Horizontal |
| 6 | 17479.6300 | 31.45 | -35.10 | 44.46 | -54.45 | -25.00 | 29.45 | 189 | 306 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4994.1800 | 41.29 | -45.63 | 31.39 | -68.22 | -25.00 | 43.22 | 244 | 53 | Vertical |
| 2 | 7491.2700 | 39.66 | -43.16 | 36.58 | -62.19 | -25.00 | 37.19 | 169 | 181 | Vertical |
| 3 | 9988.3600 | 35.60 | -39.25 | 38.18 | -60.73 | -25.00 | 35.73 | 222 | 289 | Vertical |
| 4 | 12485.4500 | 32.71 | -37.04 | 38.95 | -60.64 | -25.00 | 35.64 | 251 | 270 | Vertical |
| 5 | 14982.5400 | 31.18 | -34.64 | 41.29 | -57.43 | -25.00 | 32.43 | 188 | 72 | Vertical |
| 6 | 17479.6300 | 31.51 | -35.10 | 44.46 | -54.39 | -25.00 | 29.39 | 175 | 307 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = Mid ANT5

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4100 | 43.50 | -45.76 | 29.34 | -68.18 | -25.00 | 43.18 | 244 | 181 | Horizontal |
| 2 | 5168.1800 | 42.12 | -45.31 | 31.80 | -66.64 | -25.00 | 41.64 | 163 | 181 | Horizontal |
| 3 | 7752.2700 | 40.17 | -42.69 | 36.70 | -61.08 | -25.00 | 36.08 | 251 | 234 | Horizontal |
| 4 | 10336.3600 | 34.63 | -39.06 | 38.37 | -61.32 | -25.00 | 36.32 | 177 | 35 | Horizontal |
| 5 | 12920.4500 | 32.15 | -37.16 | 39.08 | -61.19 | -25.00 | 36.19 | 185 | 290 | Horizontal |
| 6 | 15504.5400 | 31.27 | -35.35 | 40.24 | -59.10 | -25.00 | 34.10 | 196 | 254 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3970.5 | 43.88 | -46.11 | 29.07 | -68.42 | -25.00 | 43.42 | 211 | 18 | Vertical |
| 2 | 5168.1800 | 40.80 | -45.31 | 31.80 | -67.96 | -25.00 | 42.96 | 154 | 143 | Vertical |
| 3 | 7752.2700 | 40.51 | -42.69 | 36.70 | -60.74 | -25.00 | 35.74 | 177 | 127 | Vertical |
| 4 | 10336.3600 | 34.66 | -39.06 | 38.37 | -61.29 | -25.00 | 36.29 | 186 | 307 | Vertical |
| 5 | 12920.4500 | 32.42 | -37.16 | 39.08 | -60.92 | -25.00 | 35.92 | 236 | 127 | Vertical |
| 6 | 15504.5400 | 31.08 | -35.35 | 40.24 | -59.29 | -25.00 | 34.29 | 256 | 198 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = High ANT5

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3775 | 43.58 | -45.82 | 28.88 | -68.62 | -25.00 | 43.62 | 299 | 181 | Horizontal |
| 2 | 5255.1800 | 41.95 | -45.17 | 32.01 | -66.47 | -25.00 | 41.47 | 185 | 270 | Horizontal |
| 3 | 7882.7700 | 38.94 | -42.73 | 36.75 | -62.30 | -25.00 | 37.30 | 146 | 1 | Horizontal |
| 4 | 10510.3600 | 34.09 | -38.77 | 38.46 | -61.48 | -25.00 | 36.48 | 159 | 1 | Horizontal |
| 5 | 13137.9500 | 31.02 | -37.08 | 39.35 | -61.97 | -25.00 | 36.97 | 192 | 252 | Horizontal |
| 6 | 15765.5400 | 29.11 | -33.24 | 39.69 | -59.70 | -25.00 | 34.70 | 236 | 53 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4204.5 | 42.91 | -45.76 | 29.59 | -68.52 | -25.00 | 43.52 | 244 | 358 | Vertical |
| 2 | 5255.1800 | 42.01 | -45.17 | 32.01 | -66.41 | -25.00 | 41.41 | 154 | 91 | Vertical |
| 3 | 7882.7700 | 39.09 | -42.73 | 36.75 | -62.15 | -25.00 | 37.15 | 156 | 3 | Vertical |
| 4 | 10510.3600 | 34.57 | -38.77 | 38.46 | -61.00 | -25.00 | 36.00 | 126 | 310 | Vertical |
| 5 | 13137.9500 | 30.46 | -37.08 | 39.35 | -62.53 | -25.00 | 37.53 | 299 | 3 | Vertical |
| 6 | 15765.5400 | 28.01 | -33.24 | 39.69 | -60.80 | -25.00 | 35.80 | 177 | 216 | Vertical |



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Test on the worst case:
Test Band = LTE Band41_ TM1
Test Channel = Low ANT2

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 4994.1800 | 41.35 | -45.63 | 31.39 | -68.16 | -25.00 | 43.16 | Horizontal |
| 2 | 7491.2700 | 37.97 | -43.16 | 36.58 | -63.88 | -25.00 | 38.88 | Horizontal |
| 3 | 9988.3600 | 32.58 | -39.25 | 38.18 | -63.75 | -25.00 | 38.75 | Horizontal |
| 4 | 12485.4500 | 26.89 | -37.04 | 38.95 | -66.46 | -25.00 | 41.46 | Horizontal |
| 5 | 14982.5400 | 24.21 | -34.64 | 41.29 | -64.40 | -25.00 | 39.40 | Horizontal |
| 6 | 17479.6300 | 27.96 | -35.10 | 44.46 | -57.94 | -25.00 | 32.94 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 4994.1800 | 41.47 | -45.63 | 31.39 | -68.04 | -25.00 | 43.04 | Vertical |
| 2 | 7491.2700 | 38.07 | -43.16 | 36.58 | -63.78 | -25.00 | 38.78 | Vertical |
| 3 | 9988.3600 | 33.07 | -39.25 | 38.18 | -63.26 | -25.00 | 38.26 | Vertical |
| 4 | 12485.4500 | 26.83 | -37.04 | 38.95 | -66.52 | -25.00 | 41.52 | Vertical |
| 5 | 14982.5400 | 24.59 | -34.64 | 41.29 | -64.02 | -25.00 | 39.02 | Vertical |
| 6 | 17479.6300 | 27.48 | -35.10 | 44.46 | -58.42 | -25.00 | 33.42 | Vertical |



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Test Band = LTE Band41_ TM1

Test Channel = Mid ANT2

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3189.5 | 43.39 | -45.79 | 28.41 | -69.24 | -25.00 | 44.24 | Horizontal |
| 2 | 5168.1800 | 39.97 | -45.31 | 31.80 | -68.79 | -25.00 | 43.79 | Horizontal |
| 3 | 7752.2700 | 38.36 | -42.69 | 36.70 | -62.89 | -25.00 | 37.89 | Horizontal |
| 4 | 10336.3600 | 32.04 | -39.06 | 38.37 | -63.91 | -25.00 | 38.91 | Horizontal |
| 5 | 12920.4500 | 27.52 | -37.16 | 39.08 | -65.82 | -25.00 | 40.82 | Horizontal |
| 6 | 15504.5400 | 25.10 | -35.35 | 40.24 | -65.27 | -25.00 | 40.27 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3222 | 44.03 | -45.89 | 28.43 | -68.69 | -25.00 | 43.69 | Vertical |
| 2 | 5168.1800 | 40.64 | -45.31 | 31.80 | -68.12 | -25.00 | 43.12 | Vertical |
| 3 | 7752.2700 | 38.08 | -42.69 | 36.70 | -63.17 | -25.00 | 38.17 | Vertical |
| 4 | 10336.3600 | 31.83 | -39.06 | 38.37 | -64.12 | -25.00 | 39.12 | Vertical |
| 5 | 12920.4500 | 27.39 | -37.16 | 39.08 | -65.95 | -25.00 | 40.95 | Vertical |
| 6 | 15504.5400 | 24.76 | -35.35 | 40.24 | -65.61 | -25.00 | 40.61 | Vertical |



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Test Band = LTE Band41_ TM1
Test Channel = High ANT2

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 4180.5 | 42.56 | -45.77 | 29.53 | -68.93 | -25.00 | 43.93 | Horizontal |
| 2 | 5255.1800 | 40.13 | -45.17 | 32.01 | -68.29 | -25.00 | 43.29 | Horizontal |
| 3 | 7882.7700 | 37.06 | -42.73 | 36.75 | -64.18 | -25.00 | 39.18 | Horizontal |
| 4 | 10510.3600 | 30.85 | -38.77 | 38.46 | -64.72 | -25.00 | 39.72 | Horizontal |
| 5 | 13137.9500 | 25.61 | -37.08 | 39.35 | -67.38 | -25.00 | 42.38 | Horizontal |
| 6 | 15765.5400 | 24.06 | -33.24 | 39.69 | -64.75 | -25.00 | 39.75 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3970.5 | 43.25 | -46.11 | 29.07 | -69.05 | -25.00 | 44.05 | Vertical |
| 2 | 5255.1800 | 40.01 | -45.17 | 32.01 | -68.41 | -25.00 | 43.41 | Vertical |
| 3 | 7882.7700 | 37.49 | -42.73 | 36.75 | -63.75 | -25.00 | 38.75 | Vertical |
| 4 | 10510.3600 | 30.63 | -38.77 | 38.46 | -64.94 | -25.00 | 39.94 | Vertical |
| 5 | 13137.9500 | 25.96 | -37.08 | 39.35 | -67.03 | -25.00 | 42.03 | Vertical |
| 6 | 15765.5400 | 24.56 | -33.24 | 39.69 | -64.25 | -25.00 | 39.25 | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | VL | NT | -1.50 | -0.000578 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | VN | NT | 2.70 | 0.001041 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | VH | NT | -0.80 | -0.000309 | PASS |

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -30 | -1.40 | -0.000540 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -20 | -1.70 | -0.000656 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | -10 | -0.60 | -0.000231 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 0 | 1.50 | 0.000578 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 10 | 3.60 | 0.001388 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 20 | 1.20 | 0.000463 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 30 | -0.20 | -0.000077 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 40 | 2.60 | 0.001003 | PASS |
| Band41 | 20MHz | QPSK | 40620 | 100RB#0 | NV | 50 | -0.70 | -0.000270 | PASS |

---End of Attachment---



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