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# Appendix B.18

## LTE Band 66



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | EIRP(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-----------|------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#0            | 24.39       | 25.86     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#2            | 24.53       | 26        | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 1RB#5            | 24.5        | 25.97     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 23.54       | 25.01     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#0            | 24.18       | 25.65     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#2            | 24.68       | 26.15     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 1RB#5            | 24.73       | 26.2      | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 23.67       | 25.14     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#0            | 24.35       | 25.82     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#2            | 24.65       | 26.12     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 1RB#5            | 24.6        | 26.07     | 30         | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 23.63       | 25.1      | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#0            | 23.63       | 25.1      | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#2            | 23.64       | 25.11     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 1RB#5            | 23.76       | 25.23     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 22.62       | 24.09     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#0            | 23.61       | 25.08     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#2            | 23.66       | 25.13     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 1RB#5            | 23.71       | 25.18     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 22.73       | 24.2      | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#0            | 23.8        | 25.27     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#2            | 23.84       | 25.31     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 1RB#5            | 23.65       | 25.12     | 30         | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 22.66       | 24.13     | 30         | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 1RB#0            | 22.65       | 24.12     | 30         | PASS    |



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|--------|--------|--------|--------|--------|-------|-------|----|------|
| Band66 | 1.4MHz | 64QAM  | 131979 | 1RB#2  | 22.77 | 24.24 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 131979 | 1RB#5  | 22.83 | 24.3  | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 131979 | 6RB#0  | 21.72 | 23.19 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 1RB#0  | 22.88 | 24.35 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 1RB#2  | 22.85 | 24.32 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 1RB#5  | 23.01 | 24.48 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132322 | 6RB#0  | 21.69 | 23.16 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 1RB#0  | 22.7  | 24.17 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 1RB#2  | 22.9  | 24.37 | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 1RB#5  | 22.73 | 24.2  | 30 | PASS |
| Band66 | 1.4MHz | 64QAM  | 132665 | 6RB#0  | 21.66 | 23.13 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 1RB#0  | 19.51 | 20.98 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 1RB#2  | 19.63 | 21.1  | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 1RB#5  | 19.64 | 21.11 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 131979 | 6RB#0  | 19.64 | 21.11 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 1RB#0  | 19.62 | 21.09 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 1RB#2  | 19.75 | 21.22 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 1RB#5  | 19.88 | 21.35 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132322 | 6RB#0  | 19.67 | 21.14 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 1RB#0  | 19.71 | 21.18 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 1RB#2  | 19.89 | 21.36 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 1RB#5  | 19.61 | 21.08 | 30 | PASS |
| Band66 | 1.4MHz | 256QAM | 132665 | 6RB#0  | 19.74 | 21.21 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 1RB#0  | 24.47 | 25.94 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 1RB#8  | 24.62 | 26.09 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 1RB#14 | 24.5  | 25.97 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 131987 | 15RB#0 | 23.63 | 25.1  | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 1RB#0  | 24.13 | 25.6  | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 1RB#8  | 24.68 | 26.15 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 1RB#14 | 24.58 | 26.05 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132322 | 15RB#0 | 23.65 | 25.12 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132657 | 1RB#0  | 24.05 | 25.52 | 30 | PASS |
| Band66 | 3MHz   | QPSK   | 132657 | 1RB#8  | 24.65 | 26.12 | 30 | PASS |



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|--------|------|--------|--------|--------|-------|-------|----|------|
| Band66 | 3MHz | QPSK   | 132657 | 1RB#14 | 24.55 | 26.02 | 30 | PASS |
| Band66 | 3MHz | QPSK   | 132657 | 15RB#0 | 23.64 | 25.11 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 1RB#0  | 23.59 | 25.06 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 1RB#8  | 23.77 | 25.24 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 1RB#14 | 23.73 | 25.2  | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 131987 | 15RB#0 | 22.67 | 24.14 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 1RB#0  | 23.85 | 25.32 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 1RB#8  | 23.81 | 25.28 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 1RB#14 | 23.88 | 25.35 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132322 | 15RB#0 | 22.63 | 24.1  | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 1RB#0  | 23.71 | 25.18 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 1RB#8  | 23.82 | 25.29 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 1RB#14 | 23.69 | 25.16 | 30 | PASS |
| Band66 | 3MHz | 16QAM  | 132657 | 15RB#0 | 22.56 | 24.03 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 1RB#0  | 22.76 | 24.23 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 1RB#8  | 22.86 | 24.33 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 1RB#14 | 22.93 | 24.4  | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 131987 | 15RB#0 | 21.67 | 23.14 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 1RB#0  | 22.78 | 24.25 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 1RB#8  | 22.98 | 24.45 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 1RB#14 | 22.87 | 24.34 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132322 | 15RB#0 | 21.71 | 23.18 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 1RB#0  | 22.78 | 24.25 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 1RB#8  | 22.83 | 24.3  | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 1RB#14 | 22.72 | 24.19 | 30 | PASS |
| Band66 | 3MHz | 64QAM  | 132657 | 15RB#0 | 21.59 | 23.06 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 1RB#0  | 19.68 | 21.15 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 1RB#8  | 19.68 | 21.15 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 1RB#14 | 19.88 | 21.35 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 131987 | 15RB#0 | 19.63 | 21.1  | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132322 | 1RB#0  | 19.72 | 21.19 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132322 | 1RB#8  | 20.07 | 21.54 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132322 | 1RB#14 | 19.96 | 21.43 | 30 | PASS |



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| Band66 | 3MHz | 256QAM | 132322 | 15RB#0 | 19.69 | 21.16 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 1RB#0  | 19.71 | 21.18 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 1RB#8  | 19.68 | 21.15 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 1RB#14 | 19.58 | 21.05 | 30 | PASS |
| Band66 | 3MHz | 256QAM | 132657 | 15RB#0 | 19.61 | 21.08 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 1RB#0  | 24.51 | 25.98 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 1RB#12 | 24.55 | 26.02 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 1RB#24 | 24.71 | 26.18 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 131997 | 25RB#0 | 23.62 | 25.09 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 1RB#0  | 24.19 | 25.66 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 1RB#12 | 24.69 | 26.16 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 1RB#24 | 24.67 | 26.14 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132322 | 25RB#0 | 23.66 | 25.13 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 1RB#0  | 24.25 | 25.72 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 1RB#12 | 24.73 | 26.2  | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 1RB#24 | 24.66 | 26.13 | 30 | PASS |
| Band66 | 5MHz | QPSK   | 132647 | 25RB#0 | 23.64 | 25.11 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 1RB#0  | 23.78 | 25.25 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 1RB#12 | 23.73 | 25.2  | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 1RB#24 | 23.75 | 25.22 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 131997 | 25RB#0 | 22.68 | 24.15 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 1RB#0  | 23.67 | 25.14 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 1RB#12 | 23.79 | 25.26 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 1RB#24 | 23.95 | 25.42 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132322 | 25RB#0 | 22.66 | 24.13 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 1RB#0  | 23.76 | 25.23 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 1RB#12 | 23.77 | 25.24 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 1RB#24 | 23.76 | 25.23 | 30 | PASS |
| Band66 | 5MHz | 16QAM  | 132647 | 25RB#0 | 22.66 | 24.13 | 30 | PASS |
| Band66 | 5MHz | 64QAM  | 131997 | 1RB#0  | 22.98 | 24.45 | 30 | PASS |
| Band66 | 5MHz | 64QAM  | 131997 | 1RB#12 | 22.91 | 24.38 | 30 | PASS |
| Band66 | 5MHz | 64QAM  | 131997 | 1RB#24 | 22.71 | 24.18 | 30 | PASS |
| Band66 | 5MHz | 64QAM  | 131997 | 25RB#0 | 21.72 | 23.19 | 30 | PASS |



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| Band66 | 5MHz  | 64QAM  | 132322 | 1RB#0  | 22.83 | 24.3  | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 1RB#12 | 22.93 | 24.4  | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 1RB#24 | 22.93 | 24.4  | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 25RB#0 | 21.74 | 23.21 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 1RB#0  | 22.8  | 24.27 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 1RB#12 | 22.77 | 24.24 | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 1RB#24 | 22.93 | 24.4  | 30 | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 25RB#0 | 21.67 | 23.14 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 1RB#0  | 19.75 | 21.22 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 1RB#12 | 19.77 | 21.24 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 1RB#24 | 19.77 | 21.24 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 25RB#0 | 19.66 | 21.13 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 1RB#0  | 19.76 | 21.23 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 1RB#12 | 19.7  | 21.17 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 1RB#24 | 19.85 | 21.32 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 25RB#0 | 19.63 | 21.1  | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 1RB#0  | 19.68 | 21.15 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 1RB#12 | 19.71 | 21.18 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 1RB#24 | 19.88 | 21.35 | 30 | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 25RB#0 | 19.6  | 21.07 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 1RB#0  | 24.43 | 25.9  | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 1RB#24 | 24.72 | 26.19 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 1RB#49 | 24.54 | 26.01 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 50RB#0 | 23.68 | 25.15 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 1RB#0  | 24.19 | 25.66 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 1RB#24 | 24.63 | 26.1  | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 1RB#49 | 24.66 | 26.13 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 50RB#0 | 23.68 | 25.15 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 1RB#0  | 24.13 | 25.6  | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 1RB#24 | 24.64 | 26.11 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 1RB#49 | 24.74 | 26.21 | 30 | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 50RB#0 | 23.66 | 25.13 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 1RB#0  | 23.69 | 25.16 | 30 | PASS |



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|--------|-------|--------|--------|--------|-------|-------|----|------|
| Band66 | 10MHz | 16QAM  | 132022 | 1RB#24 | 23.78 | 25.25 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 1RB#49 | 23.65 | 25.12 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 50RB#0 | 22.69 | 24.16 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 1RB#0  | 23.96 | 25.43 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 1RB#24 | 23.9  | 25.37 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 1RB#49 | 23.76 | 25.23 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 50RB#0 | 22.73 | 24.2  | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 1RB#0  | 23.66 | 25.13 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 1RB#24 | 23.78 | 25.25 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 1RB#49 | 23.92 | 25.39 | 30 | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 50RB#0 | 22.72 | 24.19 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 1RB#0  | 23.89 | 25.36 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 1RB#24 | 22.76 | 24.23 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 1RB#49 | 22.83 | 24.3  | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 50RB#0 | 21.74 | 23.21 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 1RB#0  | 22.89 | 24.36 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 1RB#24 | 22.82 | 24.29 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 1RB#49 | 22.8  | 24.27 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 50RB#0 | 21.67 | 23.14 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 1RB#0  | 22.78 | 24.25 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 1RB#24 | 22.82 | 24.29 | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 1RB#49 | 22.83 | 24.3  | 30 | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 50RB#0 | 21.67 | 23.14 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 1RB#0  | 19.6  | 21.07 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 1RB#24 | 19.69 | 21.16 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 1RB#49 | 19.7  | 21.17 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 50RB#0 | 19.66 | 21.13 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 1RB#0  | 19.76 | 21.23 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 1RB#24 | 19.92 | 21.39 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 1RB#49 | 20    | 21.47 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 50RB#0 | 19.66 | 21.13 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 1RB#0  | 19.57 | 21.04 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 1RB#24 | 19.77 | 21.24 | 30 | PASS |



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|--------|-------|--------|--------|--------|-------|-------|----|------|
| Band66 | 10MHz | 256QAM | 132622 | 1RB#49 | 19.71 | 21.18 | 30 | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 50RB#0 | 19.67 | 21.14 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 1RB#0  | 24.26 | 25.73 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 1RB#38 | 24.66 | 26.13 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 1RB#74 | 24.68 | 26.15 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 75RB#0 | 23.61 | 25.08 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 1RB#0  | 24.35 | 25.82 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 1RB#38 | 24.67 | 26.14 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 1RB#74 | 24.48 | 25.95 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 75RB#0 | 23.57 | 25.04 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 1RB#0  | 24.19 | 25.66 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 1RB#38 | 24.71 | 26.18 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 1RB#74 | 24.5  | 25.97 | 30 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 75RB#0 | 23.57 | 25.04 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 1RB#0  | 23.61 | 25.08 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 1RB#38 | 23.85 | 25.32 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 1RB#74 | 23.64 | 25.11 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 75RB#0 | 22.6  | 24.07 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 1RB#0  | 23.95 | 25.42 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 1RB#38 | 23.65 | 25.12 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 1RB#74 | 23.58 | 25.05 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 75RB#0 | 22.56 | 24.03 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 1RB#0  | 23.59 | 25.06 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 1RB#38 | 23.84 | 25.31 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 1RB#74 | 23.68 | 25.15 | 30 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 75RB#0 | 22.43 | 23.9  | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 1RB#0  | 22.49 | 23.96 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 1RB#38 | 22.75 | 24.22 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 1RB#74 | 22.86 | 24.33 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 75RB#0 | 21.64 | 23.11 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 1RB#0  | 22.54 | 24.01 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 1RB#38 | 22.86 | 24.33 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 1RB#74 | 22.86 | 24.33 | 30 | PASS |



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|--------|-------|--------|--------|---------|-------|-------|----|------|
| Band66 | 15MHz | 64QAM  | 132322 | 75RB#0  | 21.55 | 23.02 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 1RB#0   | 22.79 | 24.26 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 1RB#38  | 22.82 | 24.29 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 1RB#74  | 22.71 | 24.18 | 30 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 75RB#0  | 21.47 | 22.94 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 1RB#0   | 19.4  | 20.87 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 1RB#38  | 19.84 | 21.31 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 1RB#74  | 19.51 | 20.98 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 75RB#0  | 19.63 | 21.1  | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 1RB#0   | 19.46 | 20.93 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 1RB#38  | 19.81 | 21.28 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 1RB#74  | 19.78 | 21.25 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 75RB#0  | 19.65 | 21.12 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 1RB#0   | 19.53 | 21    | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 1RB#38  | 19.75 | 21.22 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 1RB#74  | 19.67 | 21.14 | 30 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 75RB#0  | 19.45 | 20.92 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 1RB#0   | 24.6  | 26.07 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 1RB#49  | 24.58 | 26.05 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 1RB#99  | 24.53 | 26    | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 100RB#0 | 23.66 | 25.13 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 1RB#0   | 24.27 | 25.74 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 1RB#49  | 24.61 | 26.08 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 1RB#99  | 24.99 | 26.46 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 100RB#0 | 23.6  | 25.07 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 1RB#0   | 24.06 | 25.53 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 1RB#49  | 24.52 | 25.99 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 1RB#99  | 24.64 | 26.11 | 30 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 100RB#0 | 23.59 | 25.06 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 1RB#0   | 23.68 | 25.15 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 1RB#49  | 24.06 | 25.53 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 1RB#99  | 23.78 | 25.25 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 100RB#0 | 22.59 | 24.06 | 30 | PASS |



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|--------|-------|--------|--------|---------|-------|-------|----|------|
| Band66 | 20MHz | 16QAM  | 132322 | 1RB#0   | 23.73 | 25.2  | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 1RB#49  | 23.8  | 25.27 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 1RB#99  | 23.79 | 25.26 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 100RB#0 | 22.52 | 23.99 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 1RB#0   | 23.59 | 25.06 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 1RB#49  | 23.79 | 25.26 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 1RB#99  | 23.7  | 25.17 | 30 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 100RB#0 | 22.58 | 24.05 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 1RB#0   | 22.66 | 24.13 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 1RB#49  | 22.94 | 24.41 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 1RB#99  | 22.89 | 24.36 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 100RB#0 | 21.69 | 23.16 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 1RB#0   | 22.61 | 24.08 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 1RB#49  | 22.79 | 24.26 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 1RB#99  | 22.77 | 24.24 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 100RB#0 | 21.56 | 23.03 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 1RB#0   | 22.37 | 23.84 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 1RB#49  | 22.82 | 24.29 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 1RB#99  | 22.8  | 24.27 | 30 | PASS |
| Band66 | 20MHz | 64QAM  | 132572 | 100RB#0 | 21.57 | 23.04 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 1RB#0   | 19.5  | 20.97 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 1RB#49  | 19.45 | 20.92 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 1RB#99  | 19.68 | 21.15 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 100RB#0 | 19.59 | 21.06 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 1RB#0   | 19.52 | 20.99 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 1RB#49  | 19.56 | 21.03 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 1RB#99  | 20.03 | 21.5  | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 100RB#0 | 19.55 | 21.02 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 1RB#0   | 19.6  | 21.07 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 1RB#49  | 19.65 | 21.12 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 1RB#99  | 19.61 | 21.08 | 30 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 100RB#0 | 19.66 | 21.13 | 30 | PASS |



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## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band66 | 20MHz     | QPSK       | 132072  | 100RB#0          | 5.34       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0          | 5.16       | 13        | PASS    |
| Band66 | 20MHz     | QPSK       | 132572  | 100RB#0          | 5.04       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132072  | 100RB#0          | 6.26       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132322  | 100RB#0          | 6.12       | 13        | PASS    |
| Band66 | 20MHz     | 16QAM      | 132572  | 100RB#0          | 6.04       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132072  | 100RB#0          | 6.80       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132322  | 100RB#0          | 6.76       | 13        | PASS    |
| Band66 | 20MHz     | 64QAM      | 132572  | 100RB#0          | 6.68       | 13        | PASS    |
| Band66 | 20MHz     | 256QAM     | 132072  | 100RB#0          | 7.16       | 13        | PASS    |
| Band66 | 20MHz     | 256QAM     | 132322  | 100RB#0          | 7.18       | 13        | PASS    |
| Band66 | 20MHz     | 256QAM     | 132572  | 100RB#0          | 7.08       | 13        | PASS    |



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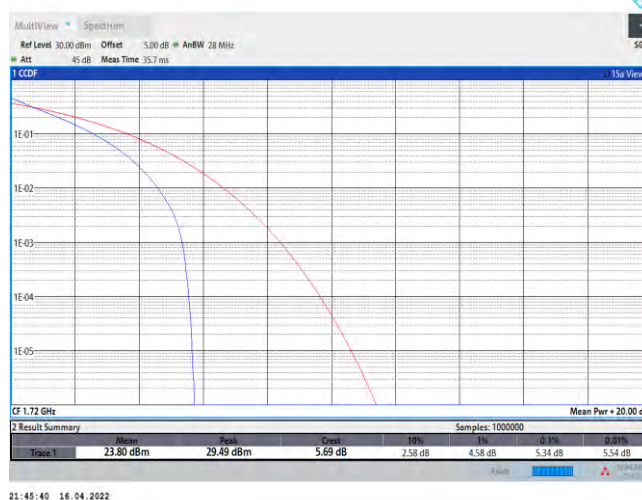
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### Test Graphs

Band66-20MHz-QPSK-132072-100RB#0



Band66-20MHz-QPSK-132322-100RB#0



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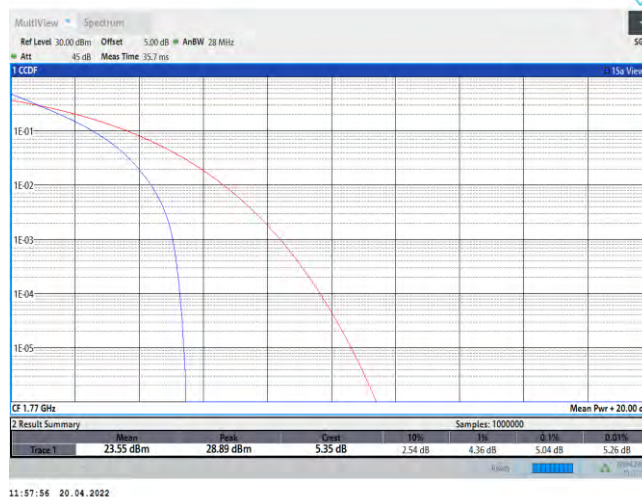
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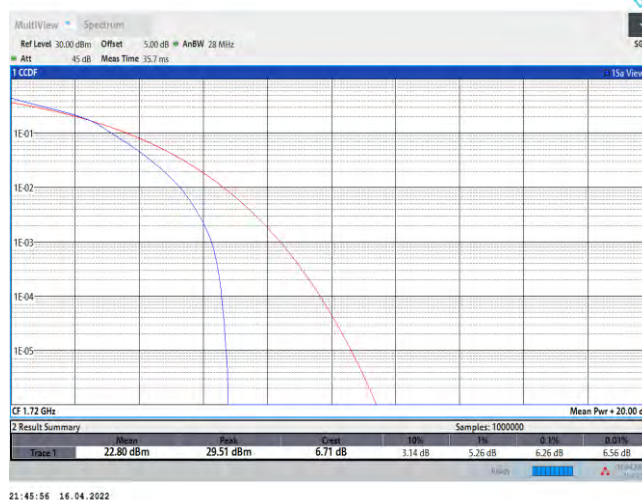
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### Band66-20MHz-QPSK-132572-100RB#0



### Band66-20MHz-16QAM-132072-100RB#0



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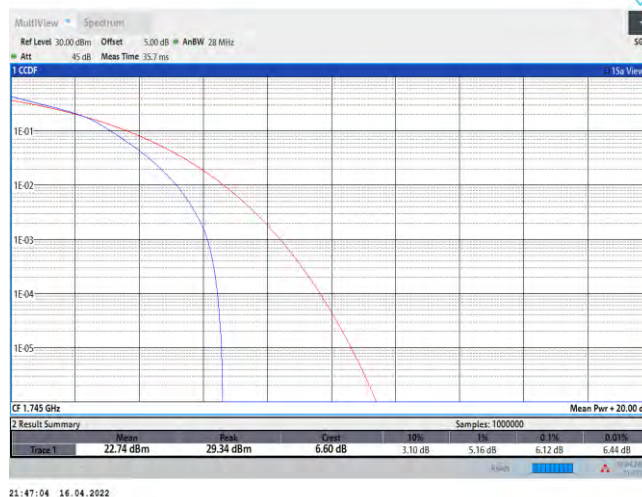
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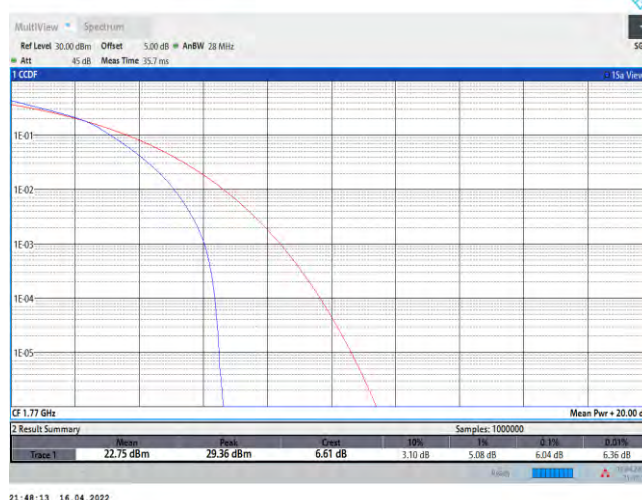
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### Band66-20MHz-16QAM-132322-100RB#0



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### Band66-20MHz-64QAM-132072-100RB#0



21:46:12 16.04.2022

### Band66-20MHz-64QAM-132322-100RB#0



21:47:20 16.04.2022



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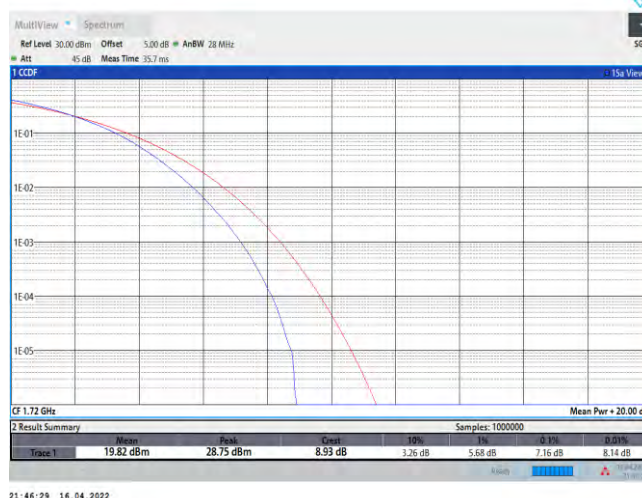
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### Band66-20MHz-64QAM-132572-100RB#0



### Band66-20MHz-256QAM-132072-100RB#0



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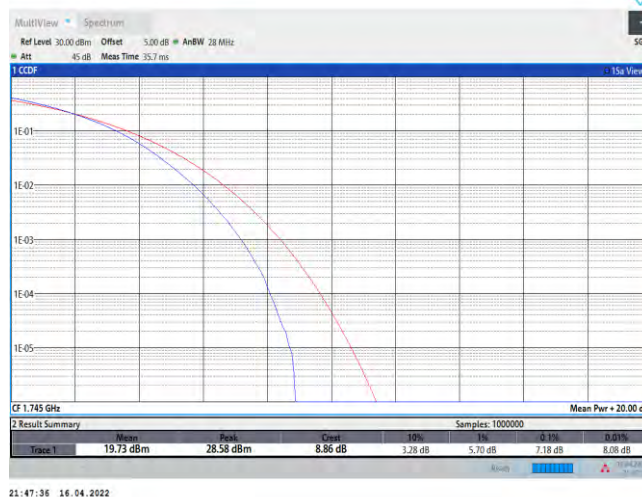
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### Band66-20MHz-256QAM-132322-100RB#0



### Band66-20MHz-256QAM-132572-100RB#0



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## Modulation Characteristics

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result | Verdict |
|--------|-----------|------------|---------|------------------|--------|---------|
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0          | PASS   | PASS    |
| Band66 | 20MHz     | 16QAM      | 132322  | 100RB#0          | PASS   | PASS    |
| Band66 | 20MHz     | 64QAM      | 132322  | 100RB#0          | PASS   | PASS    |
| Band66 | 20MHz     | 256QAM     | 132322  | 100RB#0          | PASS   | PASS    |



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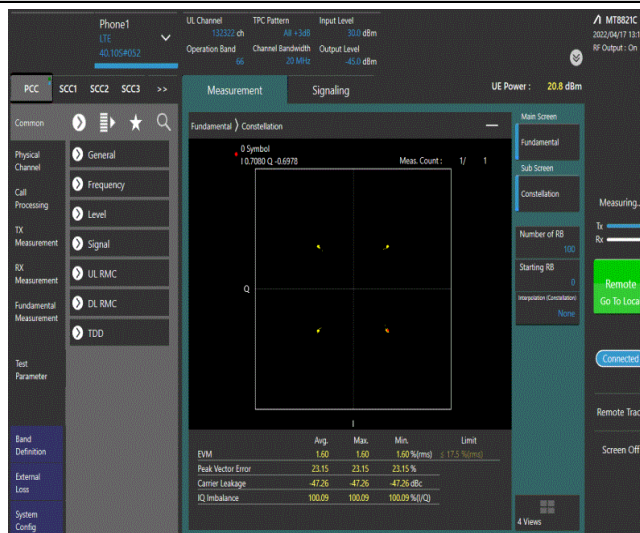
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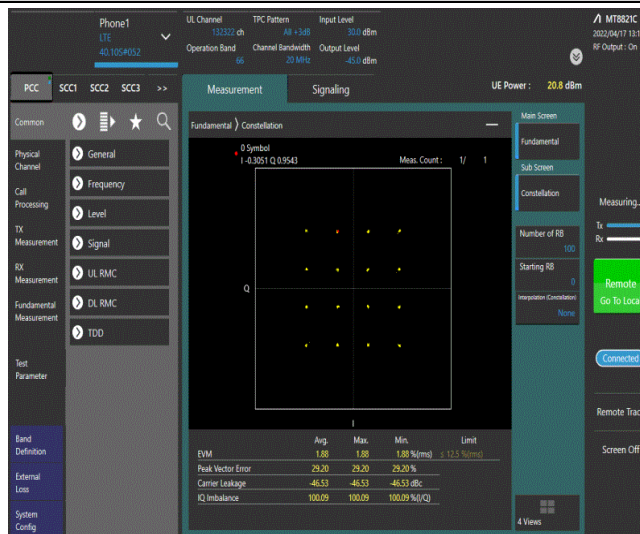
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### Test Graphs

Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-16QAM-132322-100RB#0



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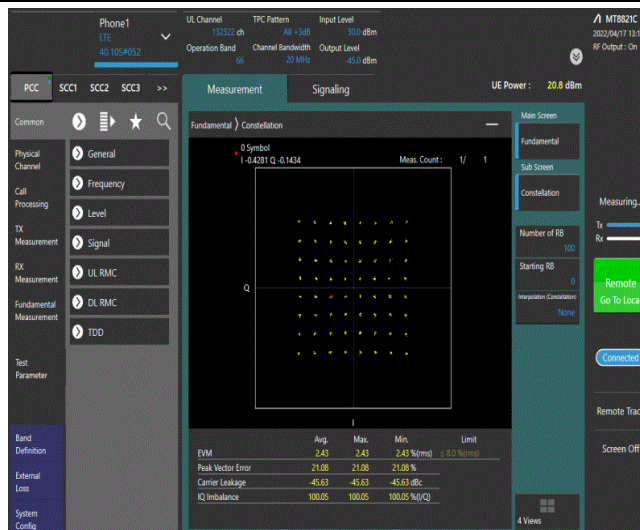
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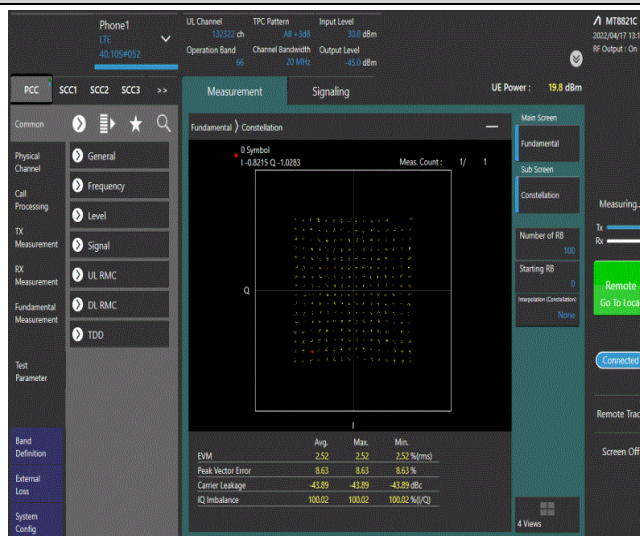
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### Band66-20MHz-64QAM-132322-100RB#0



### Band66-20MHz-256QAM-132322-100RB#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 |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band66 | 1.4MHz    | QPSK       | 131979  | 6RB#0            | 1.102                    | 1.40                 | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132322  | 6RB#0            | 1.103                    | 1.38                 | PASS    |
| Band66 | 1.4MHz    | QPSK       | 132665  | 6RB#0            | 1.106                    | 1.39                 | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 131979  | 6RB#0            | 1.110                    | 1.38                 | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132322  | 6RB#0            | 1.108                    | 1.40                 | PASS    |
| Band66 | 1.4MHz    | 16QAM      | 132665  | 6RB#0            | 1.108                    | 1.44                 | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 131979  | 6RB#0            | 1.109                    | 1.39                 | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 132322  | 6RB#0            | 1.107                    | 1.40                 | PASS    |
| Band66 | 1.4MHz    | 64QAM      | 132665  | 6RB#0            | 1.109                    | 1.45                 | PASS    |
| Band66 | 1.4MHz    | 256QAM     | 131979  | 6RB#0            | 1.108                    | 1.38                 | PASS    |
| Band66 | 1.4MHz    | 256QAM     | 132322  | 6RB#0            | 1.105                    | 1.39                 | PASS    |
| Band66 | 1.4MHz    | 256QAM     | 132665  | 6RB#0            | 1.104                    | 1.40                 | PASS    |
| Band66 | 3MHz      | QPSK       | 131987  | 15RB#0           | 2.700                    | 3.04                 | PASS    |
| Band66 | 3MHz      | QPSK       | 132322  | 15RB#0           | 2.696                    | 3.04                 | PASS    |
| Band66 | 3MHz      | QPSK       | 132657  | 15RB#0           | 2.701                    | 3.10                 | PASS    |
| Band66 | 3MHz      | 16QAM      | 131987  | 15RB#0           | 2.700                    | 3.07                 | PASS    |
| Band66 | 3MHz      | 16QAM      | 132322  | 15RB#0           | 2.702                    | 3.08                 | PASS    |
| Band66 | 3MHz      | 16QAM      | 132657  | 15RB#0           | 2.703                    | 3.04                 | PASS    |
| Band66 | 3MHz      | 64QAM      | 131987  | 15RB#0           | 2.706                    | 3.07                 | PASS    |
| Band66 | 3MHz      | 64QAM      | 132322  | 15RB#0           | 2.702                    | 3.05                 | PASS    |
| Band66 | 3MHz      | 64QAM      | 132657  | 15RB#0           | 2.704                    | 3.02                 | PASS    |
| Band66 | 3MHz      | 256QAM     | 131987  | 15RB#0           | 2.702                    | 3.08                 | PASS    |
| Band66 | 3MHz      | 256QAM     | 132322  | 15RB#0           | 2.698                    | 3.05                 | PASS    |
| Band66 | 3MHz      | 256QAM     | 132657  | 15RB#0           | 2.700                    | 3.05                 | PASS    |
| Band66 | 5MHz      | QPSK       | 131997  | 25RB#0           | 4.482                    | 5.00                 | PASS    |
| Band66 | 5MHz      | QPSK       | 132322  | 25RB#0           | 4.474                    | 5.04                 | PASS    |
| Band66 | 5MHz      | QPSK       | 132647  | 25RB#0           | 4.481                    | 5.06                 | PASS    |
| Band66 | 5MHz      | 16QAM      | 131997  | 25RB#0           | 4.480                    | 5.08                 | PASS    |
| Band66 | 5MHz      | 16QAM      | 132322  | 25RB#0           | 4.484                    | 5.06                 | PASS    |
| Band66 | 5MHz      | 16QAM      | 132647  | 25RB#0           | 4.483                    | 5.09                 | PASS    |



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|        |       |        |        |         |        |       |      |
|--------|-------|--------|--------|---------|--------|-------|------|
| Band66 | 5MHz  | 64QAM  | 131997 | 25RB#0  | 4.482  | 5.02  | PASS |
| Band66 | 5MHz  | 64QAM  | 132322 | 25RB#0  | 4.481  | 5.03  | PASS |
| Band66 | 5MHz  | 64QAM  | 132647 | 25RB#0  | 4.479  | 5.03  | PASS |
| Band66 | 5MHz  | 256QAM | 131997 | 25RB#0  | 4.478  | 5.01  | PASS |
| Band66 | 5MHz  | 256QAM | 132322 | 25RB#0  | 4.480  | 5.11  | PASS |
| Band66 | 5MHz  | 256QAM | 132647 | 25RB#0  | 4.482  | 5.08  | PASS |
| Band66 | 10MHz | QPSK   | 132022 | 50RB#0  | 8.964  | 9.82  | PASS |
| Band66 | 10MHz | QPSK   | 132322 | 50RB#0  | 8.949  | 9.88  | PASS |
| Band66 | 10MHz | QPSK   | 132622 | 50RB#0  | 8.946  | 9.98  | PASS |
| Band66 | 10MHz | 16QAM  | 132022 | 50RB#0  | 8.947  | 9.84  | PASS |
| Band66 | 10MHz | 16QAM  | 132322 | 50RB#0  | 8.957  | 9.88  | PASS |
| Band66 | 10MHz | 16QAM  | 132622 | 50RB#0  | 8.959  | 9.84  | PASS |
| Band66 | 10MHz | 64QAM  | 132022 | 50RB#0  | 8.941  | 9.80  | PASS |
| Band66 | 10MHz | 64QAM  | 132322 | 50RB#0  | 8.941  | 9.86  | PASS |
| Band66 | 10MHz | 64QAM  | 132622 | 50RB#0  | 8.941  | 9.96  | PASS |
| Band66 | 10MHz | 256QAM | 132022 | 50RB#0  | 8.947  | 9.98  | PASS |
| Band66 | 10MHz | 256QAM | 132322 | 50RB#0  | 8.950  | 9.92  | PASS |
| Band66 | 10MHz | 256QAM | 132622 | 50RB#0  | 8.963  | 9.90  | PASS |
| Band66 | 15MHz | QPSK   | 132047 | 75RB#0  | 13.499 | 14.97 | PASS |
| Band66 | 15MHz | QPSK   | 132322 | 75RB#0  | 13.496 | 15.06 | PASS |
| Band66 | 15MHz | QPSK   | 132597 | 75RB#0  | 13.519 | 15.03 | PASS |
| Band66 | 15MHz | 16QAM  | 132047 | 75RB#0  | 13.514 | 15.00 | PASS |
| Band66 | 15MHz | 16QAM  | 132322 | 75RB#0  | 13.503 | 14.91 | PASS |
| Band66 | 15MHz | 16QAM  | 132597 | 75RB#0  | 13.487 | 14.94 | PASS |
| Band66 | 15MHz | 64QAM  | 132047 | 75RB#0  | 13.508 | 15.00 | PASS |
| Band66 | 15MHz | 64QAM  | 132322 | 75RB#0  | 13.498 | 15.00 | PASS |
| Band66 | 15MHz | 64QAM  | 132597 | 75RB#0  | 13.477 | 15.00 | PASS |
| Band66 | 15MHz | 256QAM | 132047 | 75RB#0  | 13.516 | 15.21 | PASS |
| Band66 | 15MHz | 256QAM | 132322 | 75RB#0  | 13.497 | 14.82 | PASS |
| Band66 | 15MHz | 256QAM | 132597 | 75RB#0  | 13.498 | 15.12 | PASS |
| Band66 | 20MHz | QPSK   | 132072 | 100RB#0 | 17.971 | 19.68 | PASS |
| Band66 | 20MHz | QPSK   | 132322 | 100RB#0 | 17.904 | 19.64 | PASS |
| Band66 | 20MHz | QPSK   | 132572 | 100RB#0 | 17.933 | 19.76 | PASS |
| Band66 | 20MHz | 16QAM  | 132072 | 100RB#0 | 17.961 | 19.80 | PASS |
| Band66 | 20MHz | 16QAM  | 132322 | 100RB#0 | 17.962 | 19.60 | PASS |
| Band66 | 20MHz | 16QAM  | 132572 | 100RB#0 | 17.910 | 19.80 | PASS |
| Band66 | 20MHz | 64QAM  | 132072 | 100RB#0 | 17.913 | 19.52 | PASS |
| Band66 | 20MHz | 64QAM  | 132322 | 100RB#0 | 17.922 | 19.64 | PASS |



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|        |       |        |        |         |        |       |      |
|--------|-------|--------|--------|---------|--------|-------|------|
| Band66 | 20MHz | 64QAM  | 132572 | 100RB#0 | 17.936 | 19.68 | PASS |
| Band66 | 20MHz | 256QAM | 132072 | 100RB#0 | 17.935 | 19.56 | PASS |
| Band66 | 20MHz | 256QAM | 132322 | 100RB#0 | 17.942 | 19.80 | PASS |
| Band66 | 20MHz | 256QAM | 132572 | 100RB#0 | 17.933 | 19.76 | PASS |



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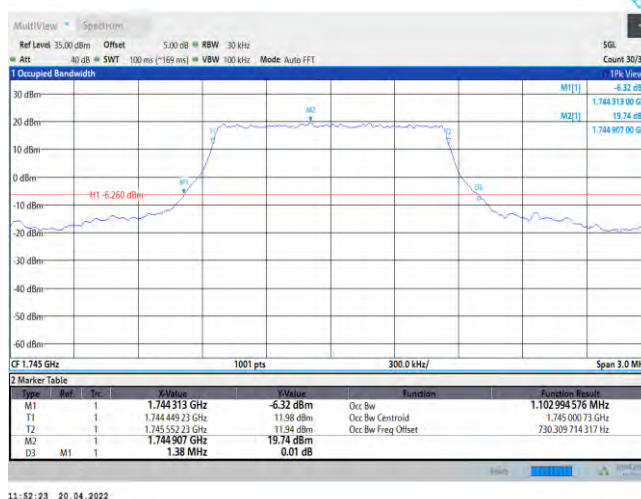
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### Test Graphs

Band66-1.4MHz-QPSK-131979-6RB#0



Band66-1.4MHz-QPSK-132322-6RB#0



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### Band66-1.4MHz-QPSK-132665-6RB#0



11:52:41 20.04.2022

### Band66-1.4MHz-16QAM-131979-6RB#0



21:20:44 16.04.2022



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### Band66-1.4MHz-16QAM-132322-6RB#0



### Band66-1.4MHz-16QAM-132665-6RB#0



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### Band66-1.4MHz-64QAM-131979-6RB#0



21:21:02 16.04.2022

### Band66-1.4MHz-64QAM-132322-6RB#0



21:22:17 16.04.2022



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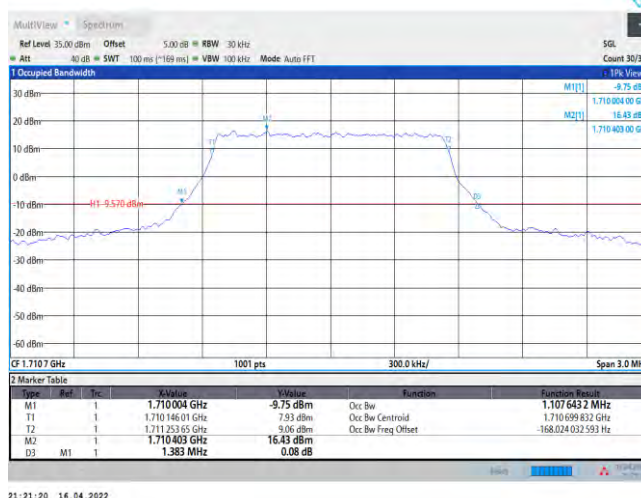
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### Band66-1.4MHz-64QAM-132665-6RB#0



21:23:34 16.04.2022

### Band66-1.4MHz-256QAM-131979-6RB#0



21:21:20 16.04.2022



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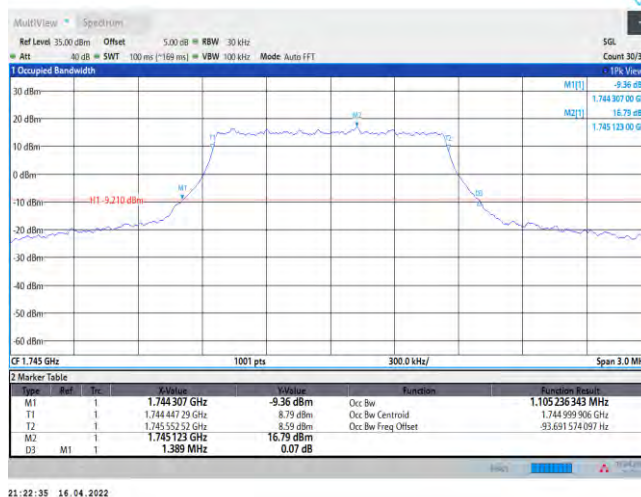
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### Band66-1.4MHz-256QAM-132322-6RB#0



21:22:35 16.04.2022

### Band66-1.4MHz-256QAM-132665-6RB#0



21:23:52 16.04.2022



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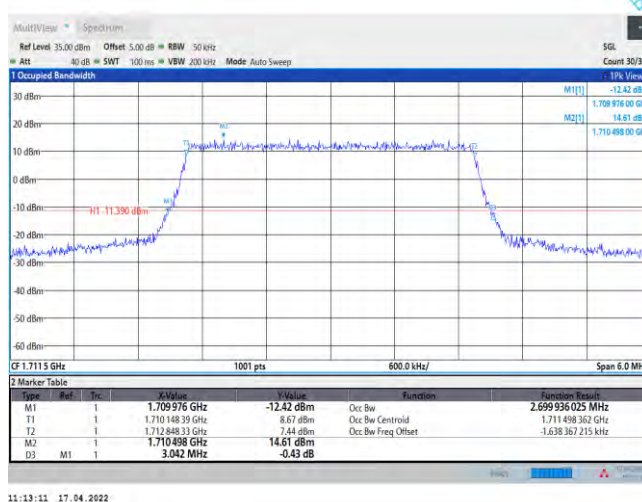
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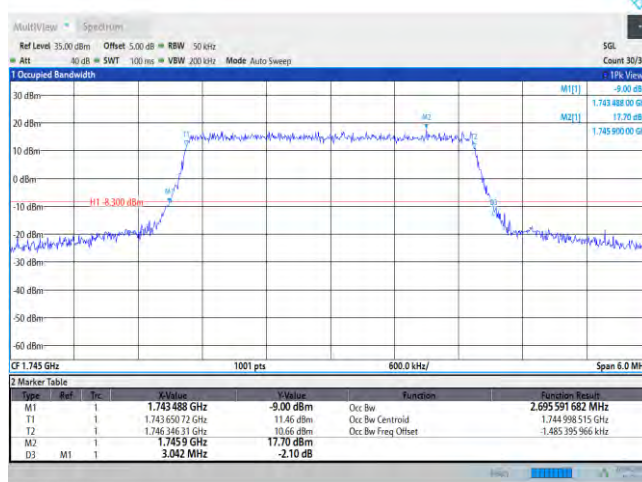
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### Band66-3MHz-QPSK-131987-15RB#0



11:13:11 17.04.2022

### Band66-3MHz-QPSK-132322-15RB#0



11:53:13 20.04.2022



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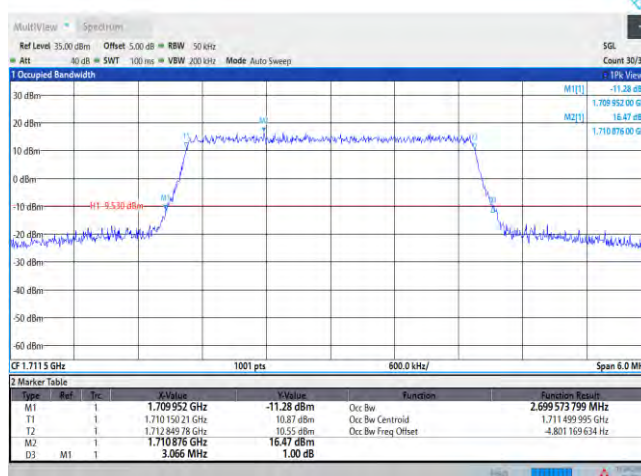
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### Band66-3MHz-QPSK-132657-15RB#0



11:53:31 20.04.2022

### Band66-3MHz-16QAM-131987-15RB#0



21:24:47 16.04.2022



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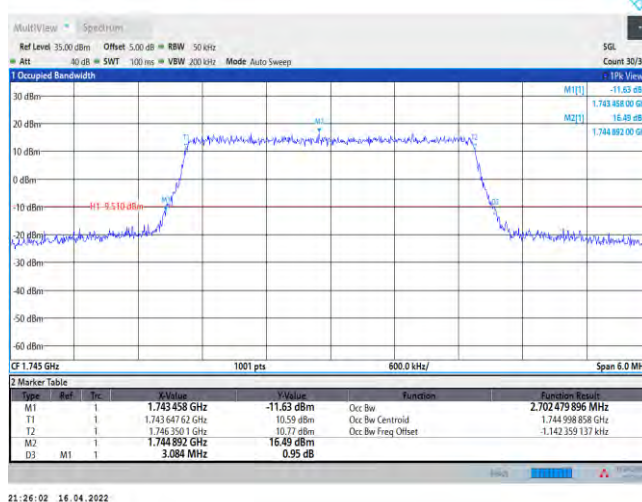
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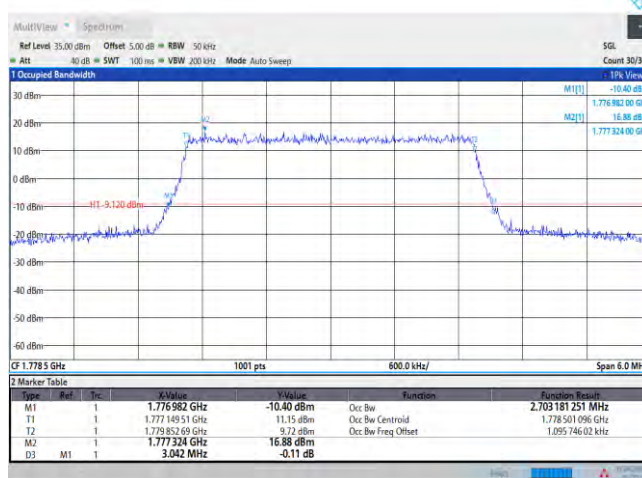
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### Band66-3MHz-16QAM-132322-15RB#0



21:26:02 16.04.2022

### Band66-3MHz-16QAM-132657-15RB#0



21:27:16 16.04.2022



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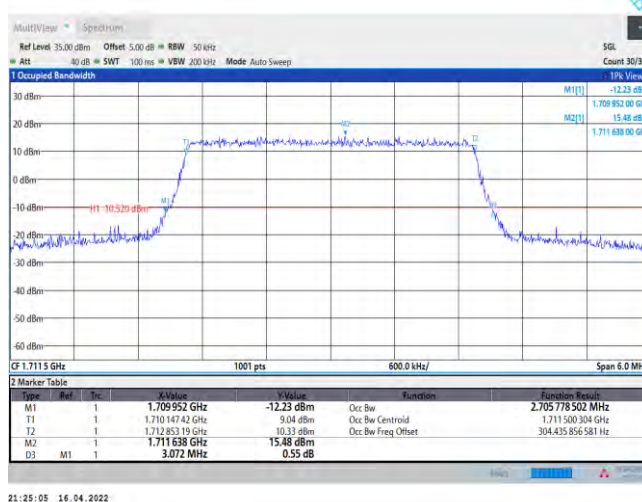
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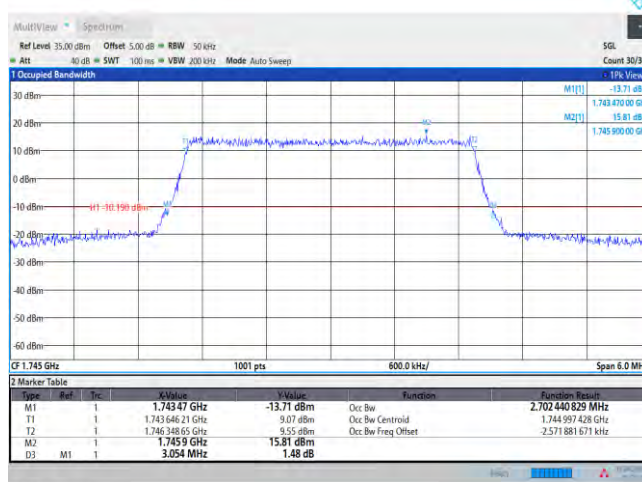
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### Band66-3MHz-64QAM-131987-15RB#0



21:25:05 16.04.2022

### Band66-3MHz-64QAM-132322-15RB#0



21:26:20 16.04.2022



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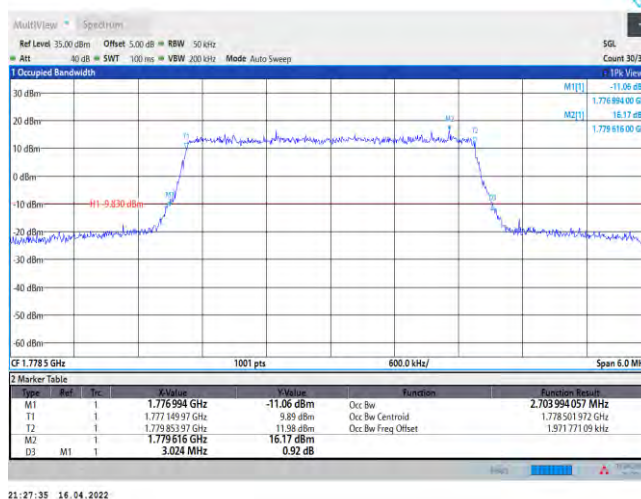
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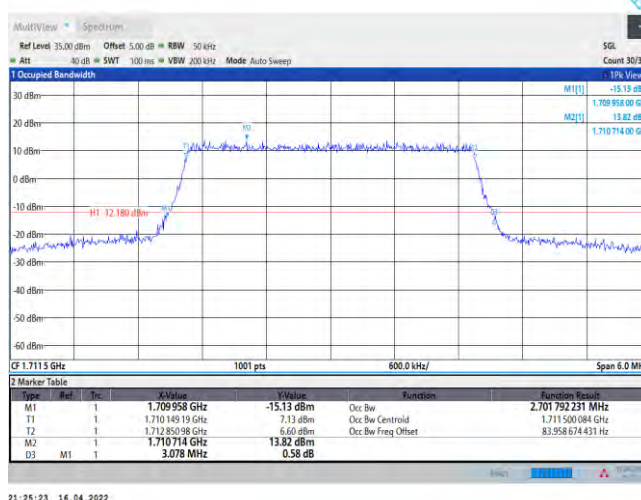
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### Band66-3MHz-64QAM-132657-15RB#0



21:27:35 16.04.2022

### Band66-3MHz-256QAM-131987-15RB#0



21:25:23 16.04.2022



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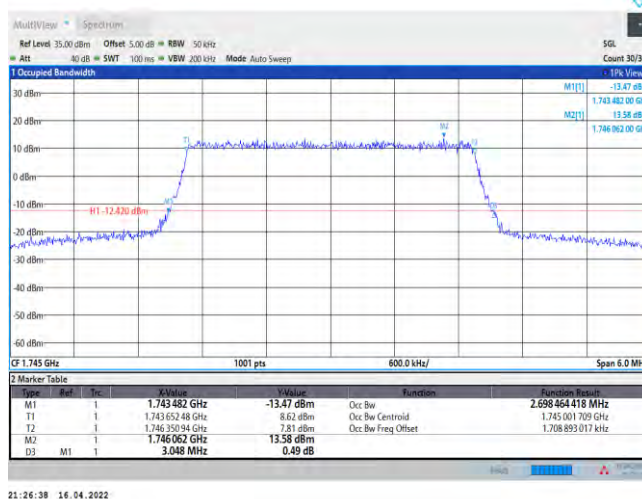
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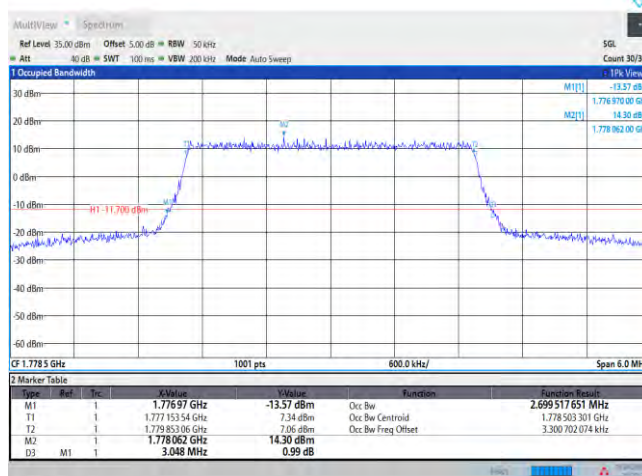
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21:26:38 16.04.2022

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21:27:53 16.04.2022



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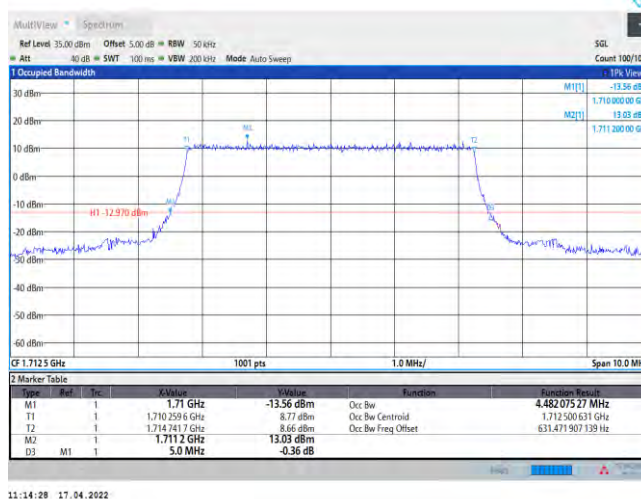
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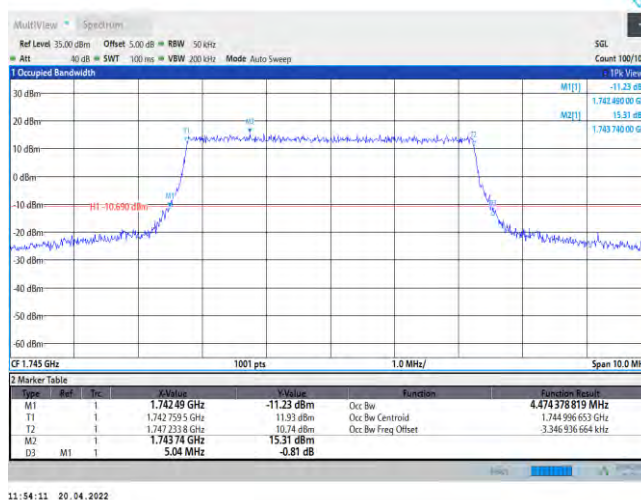
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### Band66-5MHz-QPSK-132322-25RB#0



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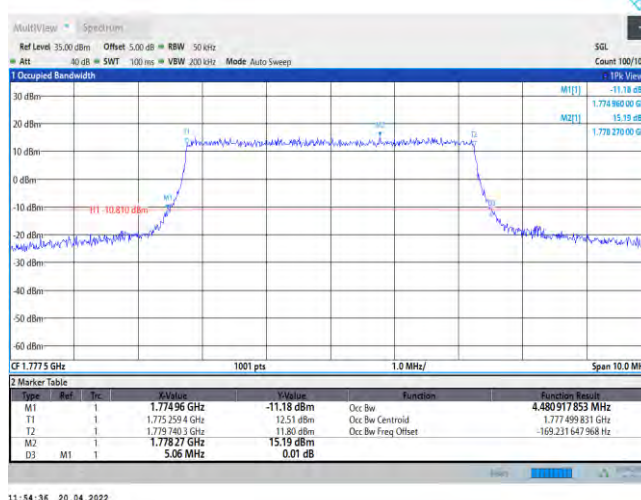
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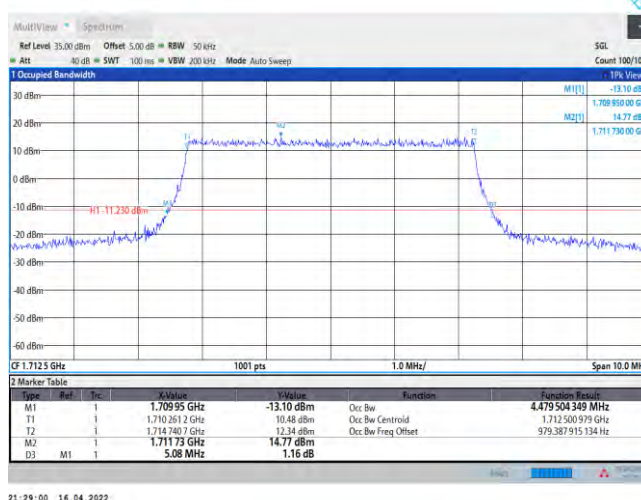
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### Band66-5MHz-16QAM-131997-25RB#0



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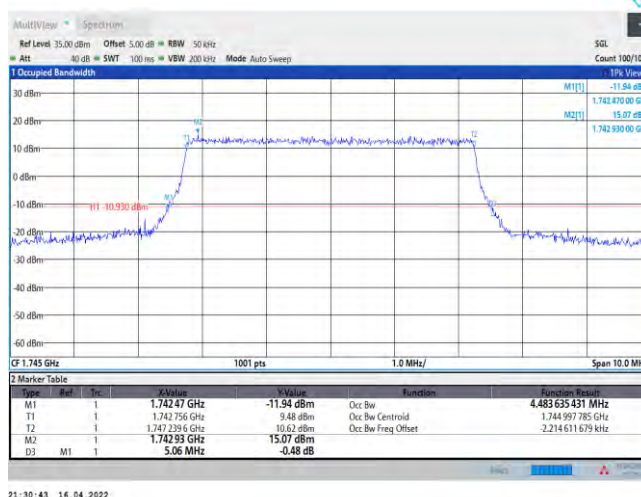
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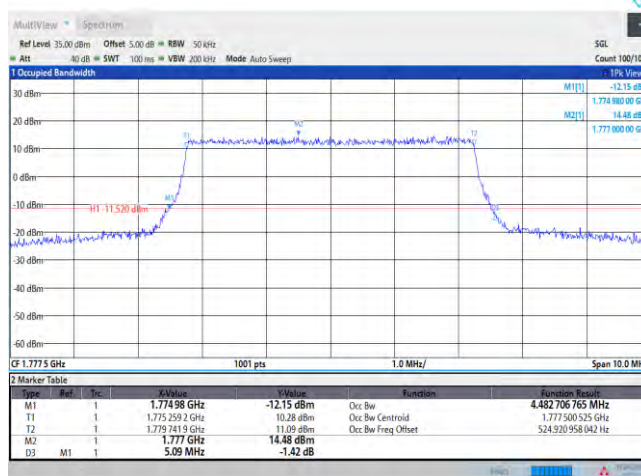
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### Band66-5MHz-16QAM-132322-25RB#0



21:30:43 16.04.2022

### Band66-5MHz-16QAM-132647-25RB#0



21:32:25 16.04.2022



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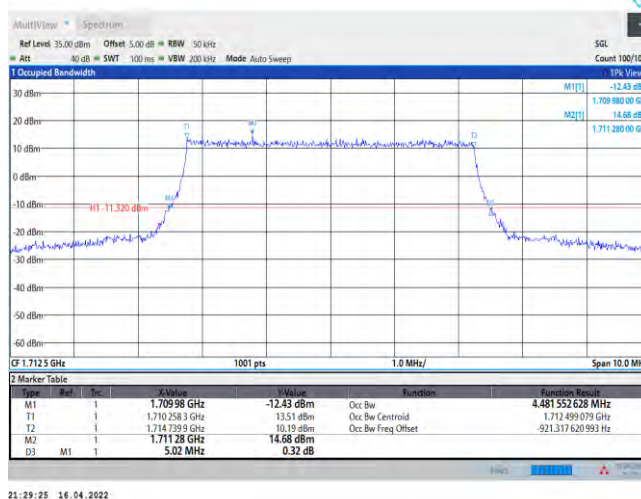
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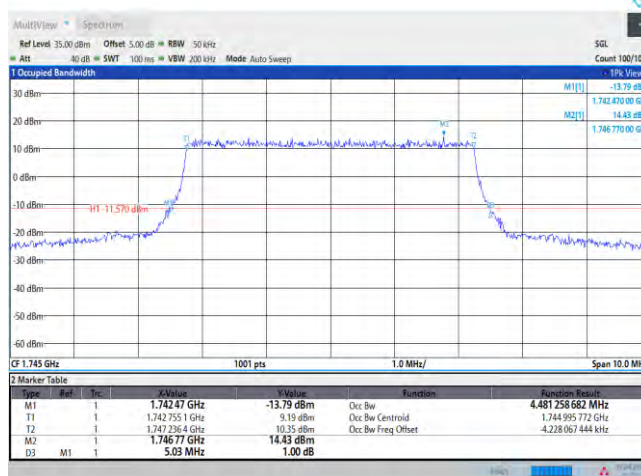
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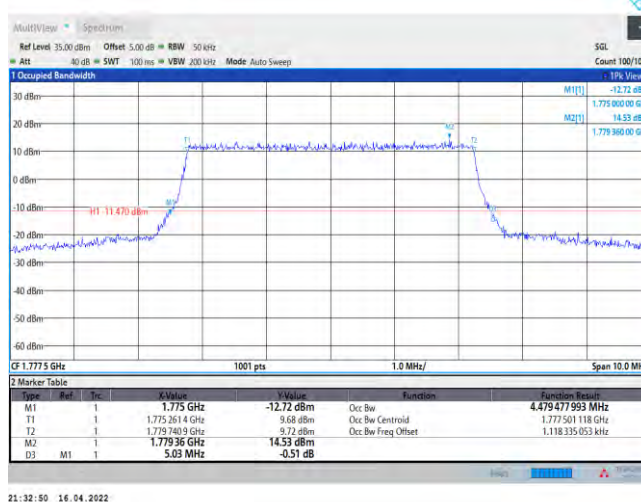
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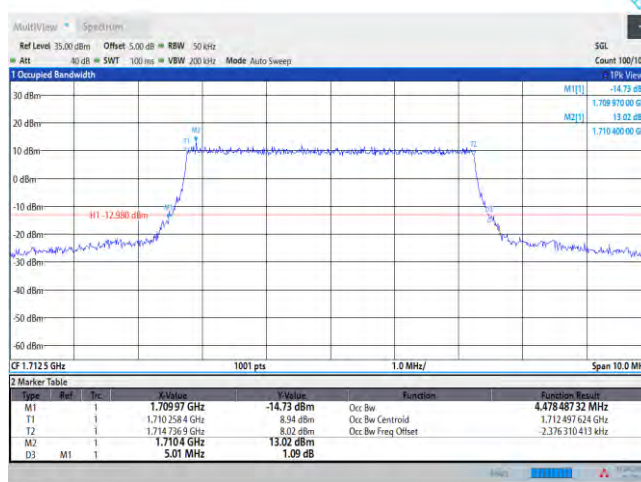
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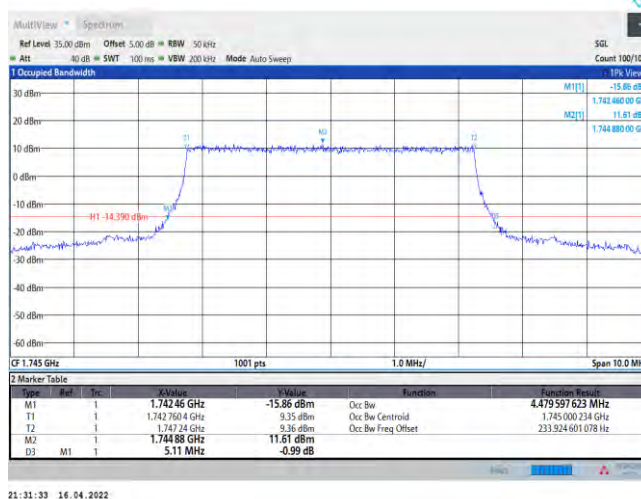
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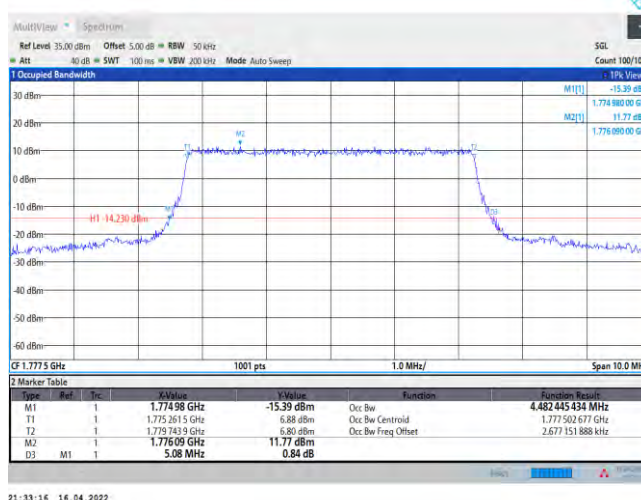
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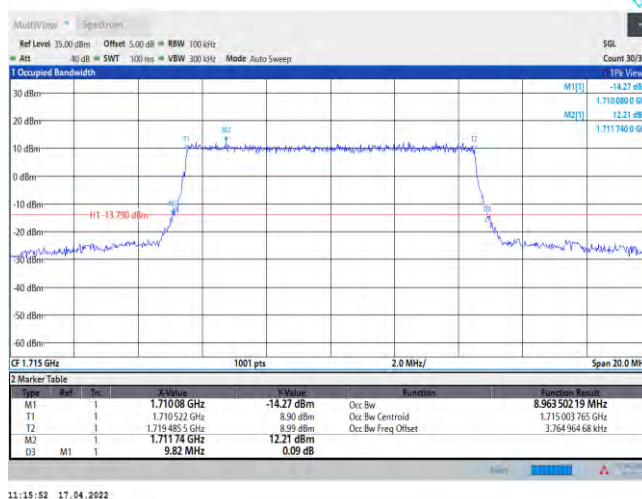
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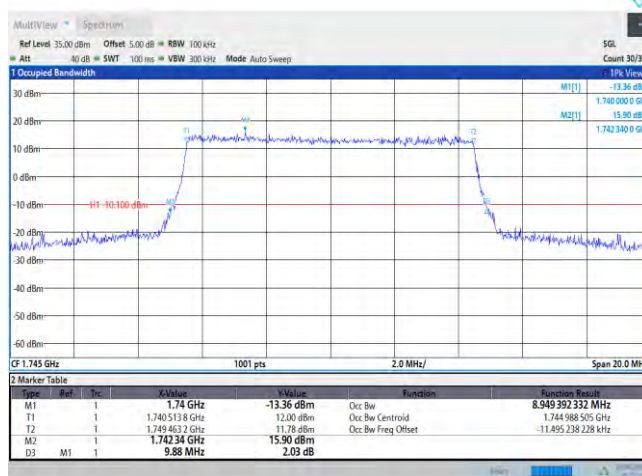
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### Band66-10MHz-QPSK-132022-50RB#0



11:15:52 17.04.2022

### Band66-10MHz-QPSK-132322-50RB#0



11:55:09 20.04.2022



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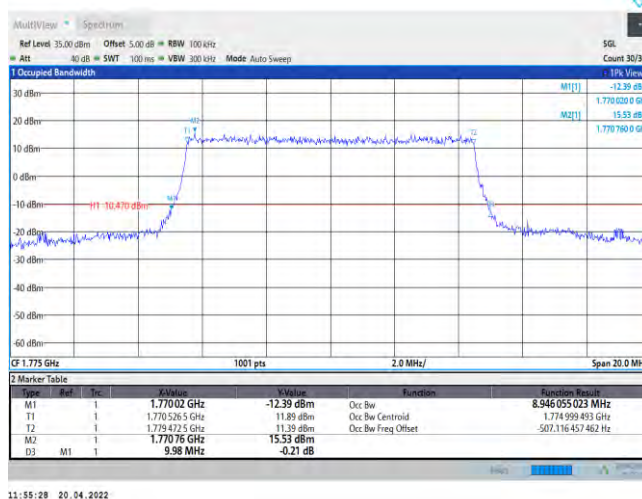
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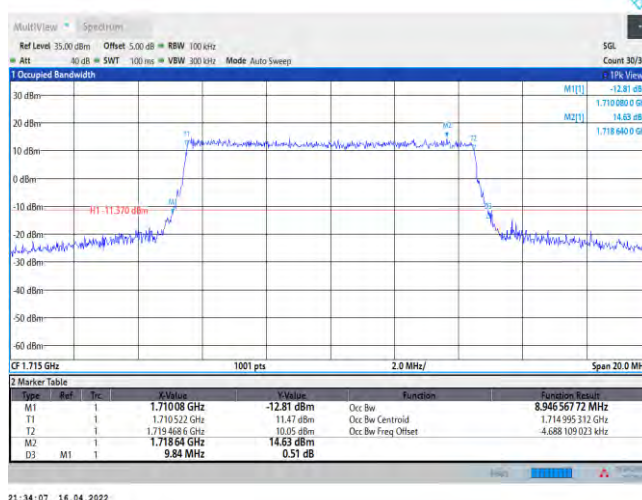
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### Band66-10MHz-QPSK-132622-50RB#0



### Band66-10MHz-16QAM-132022-50RB#0



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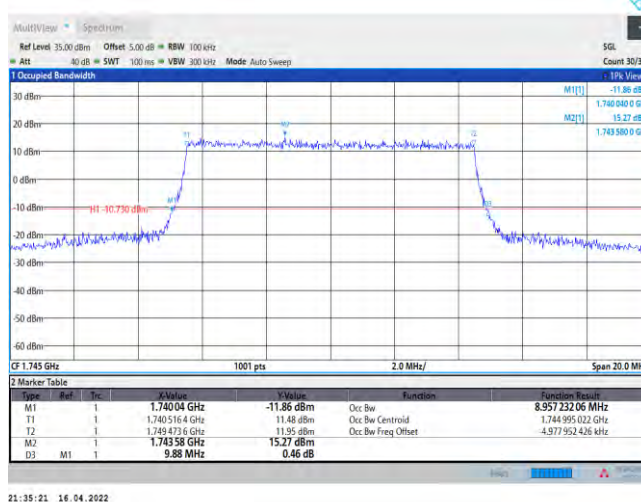
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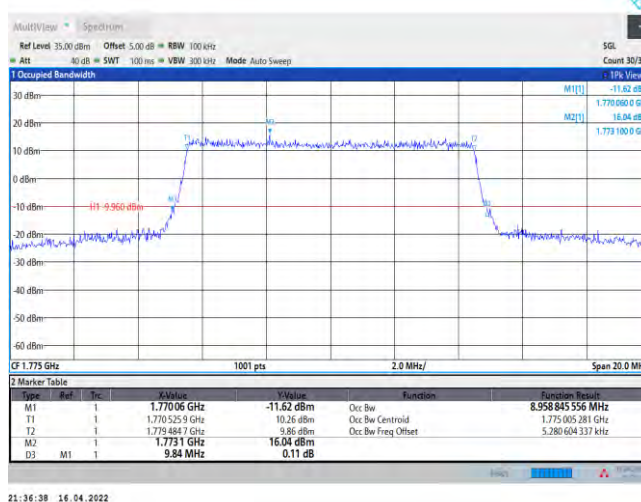
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### Band66-10MHz-16QAM-132322-50RB#0



### Band66-10MHz-16QAM-132622-50RB#0



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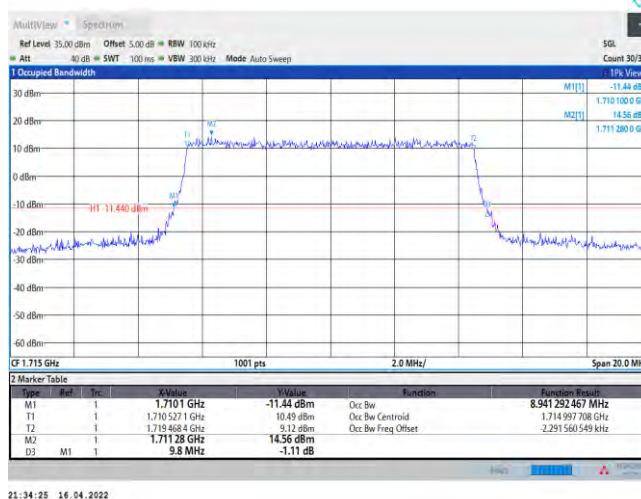
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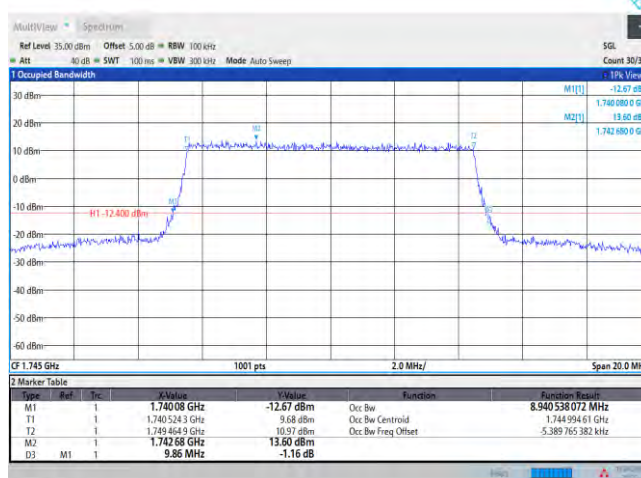
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### Band66-10MHz-64QAM-132022-50RB#0



21:34:25 16.04.2022

### Band66-10MHz-64QAM-132322-50RB#0



21:35:40 16.04.2022



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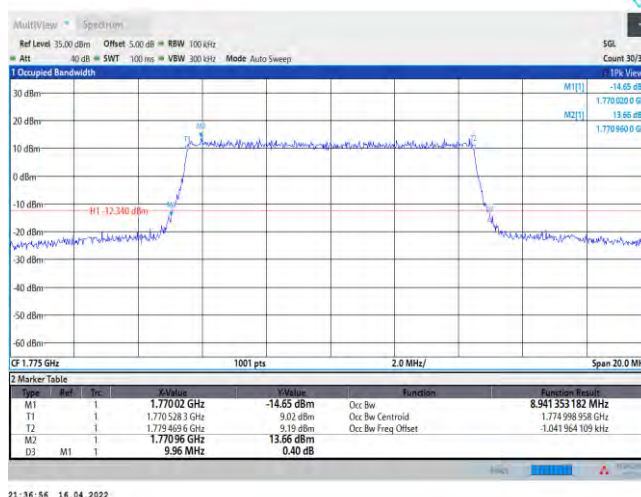
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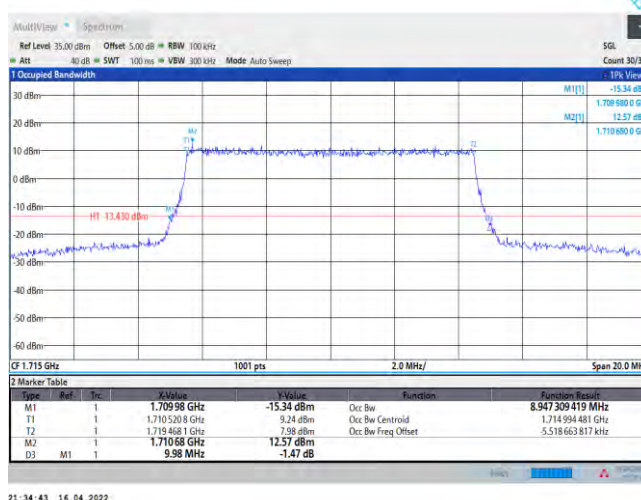
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### Band66-10MHz-64QAM-132622-50RB#0



### Band66-10MHz-256QAM-132022-50RB#0



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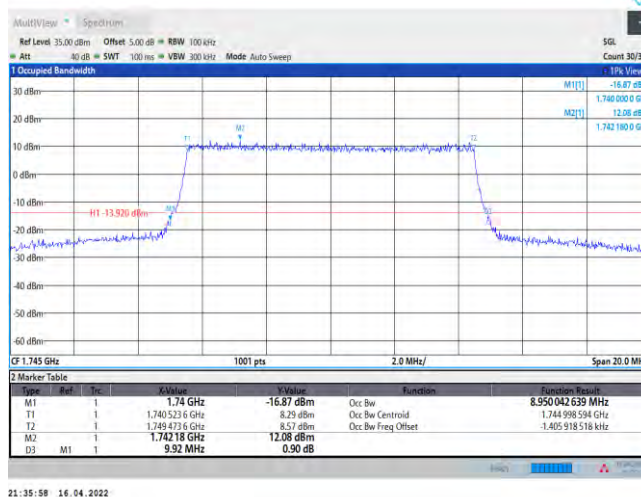
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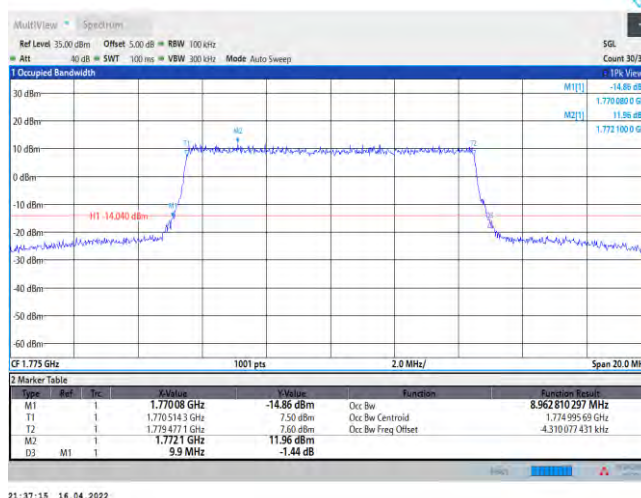
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### Band66-10MHz-256QAM-132322-50RB#0



21:35:58 16.04.2022

### Band66-10MHz-256QAM-132622-50RB#0



21:37:15 16.04.2022



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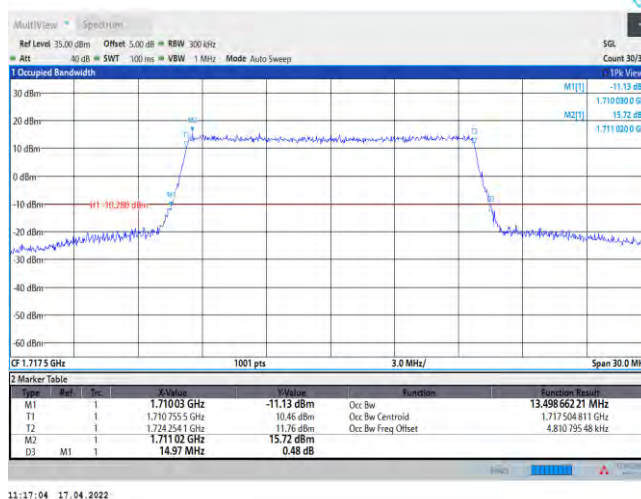
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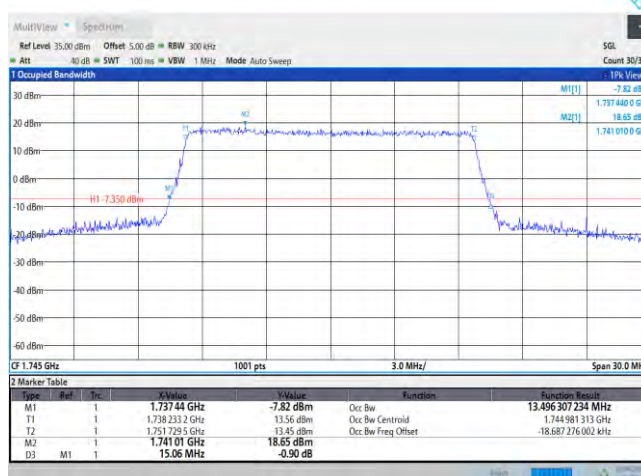
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### Band66-15MHz-QPSK-132047-75RB#0



11:17:04 17.04.2022

### Band66-15MHz-QPSK-132322-75RB#0



11:55:59 20.04.2022



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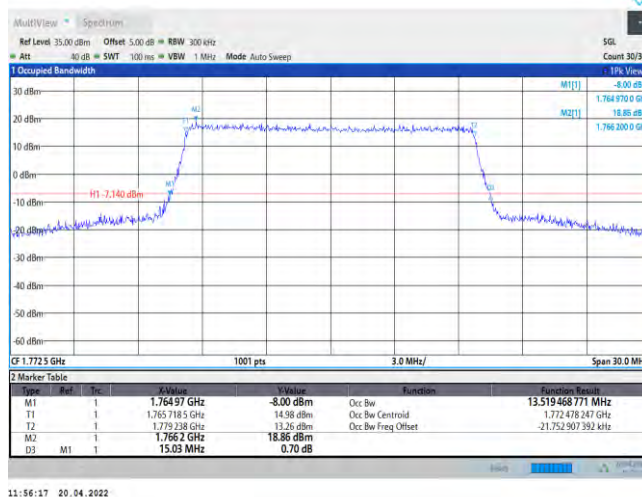
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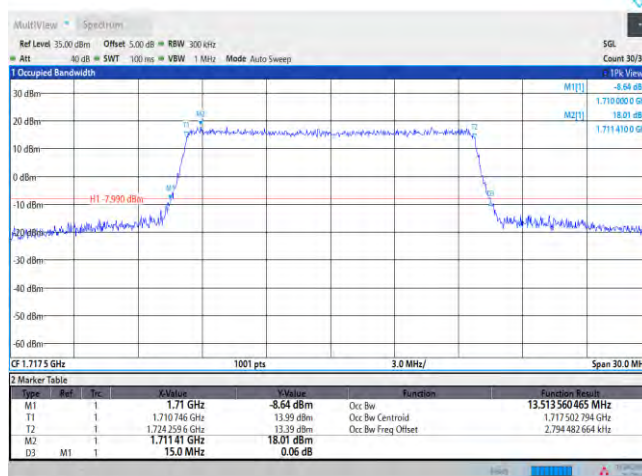
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### Band66-15MHz-QPSK-132597-75RB#0



11:56:17 20.04.2022

### Band66-15MHz-16QAM-132047-75RB#0



21:38:06 16.04.2022



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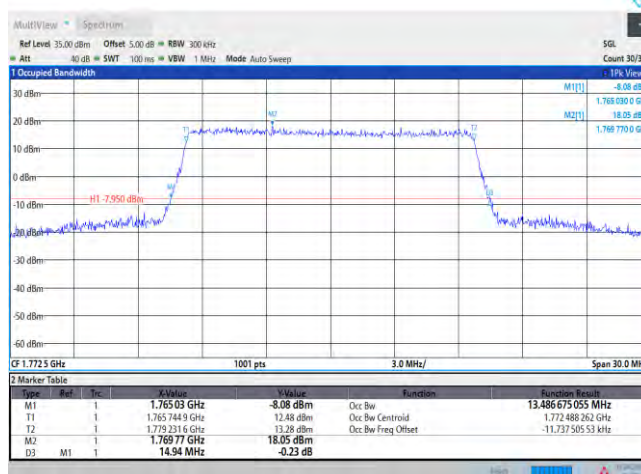
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21:39:20 16.04.2022

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21:40:35 16.04.2022



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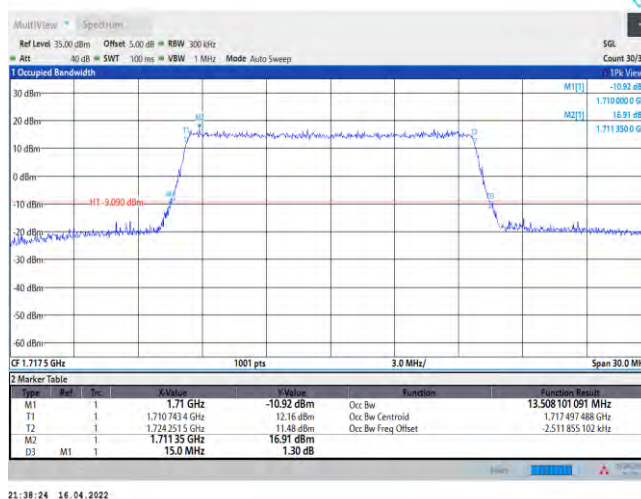
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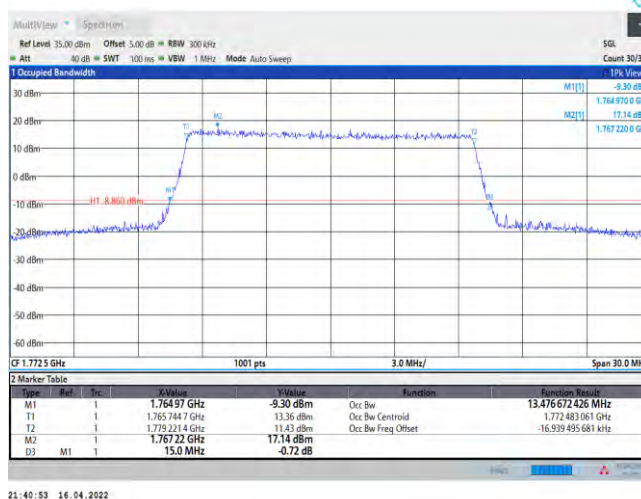
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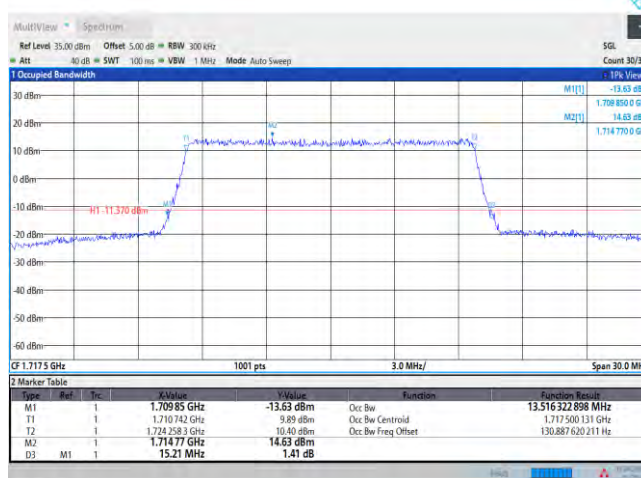
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### Band66-15MHz-64QAM-132597-75RB#0



21:40:53 16.04.2022

### Band66-15MHz-256QAM-132047-75RB#0



21:38:42 16.04.2022



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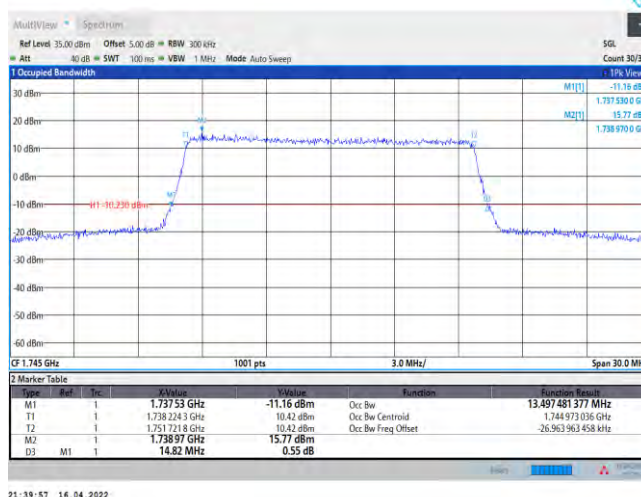
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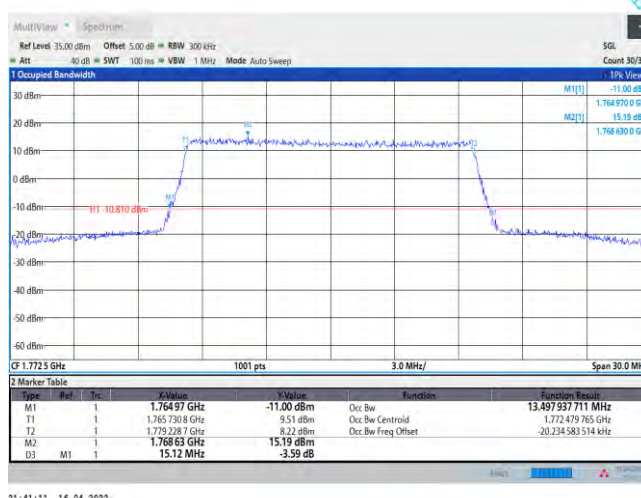
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### Band66-15MHz-256QAM-132322-75RB#0



21:39:57 16.04.2022

### Band66-15MHz-256QAM-132597-75RB#0



21:41:11 16.04.2022



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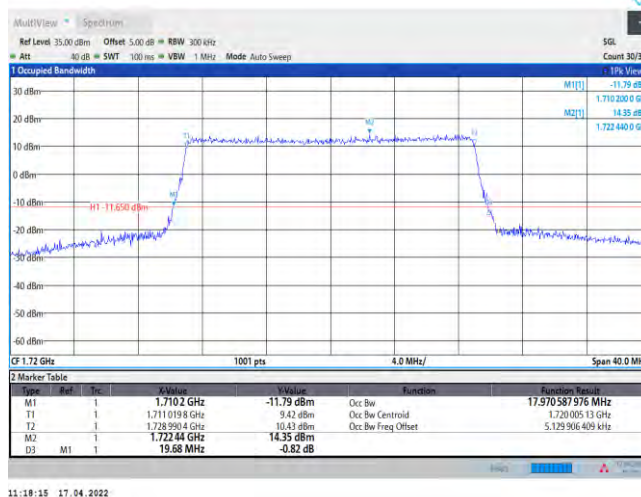
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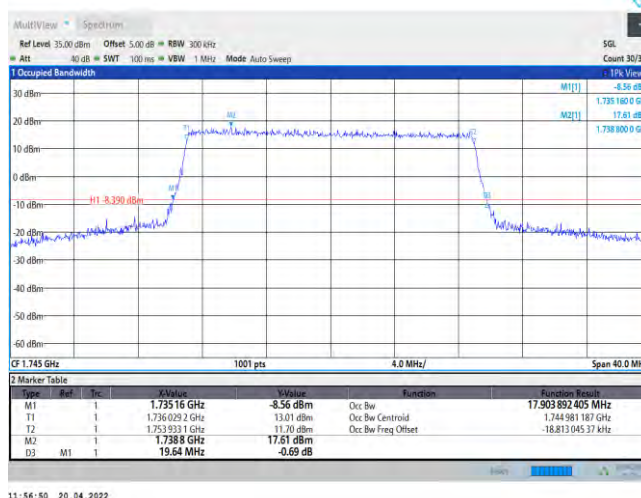
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### Band66-20MHz-QPSK-132072-100RB#0



### Band66-20MHz-QPSK-132322-100RB#0



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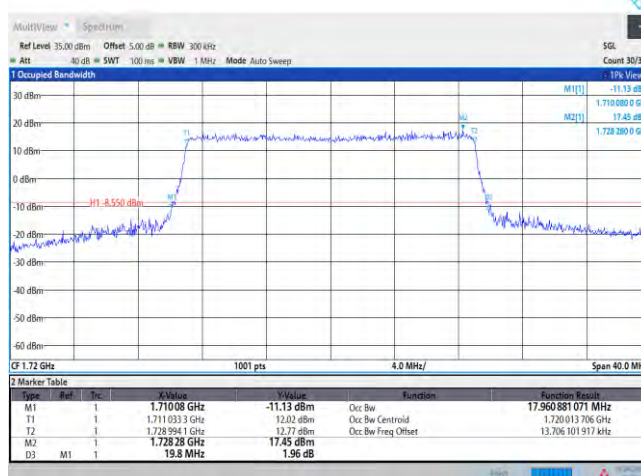
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### Band66-20MHz-QPSK-132572-100RB#0



11:57:08 20.04.2022

### Band66-20MHz-16QAM-132072-100RB#0



21:42:03 16.04.2022



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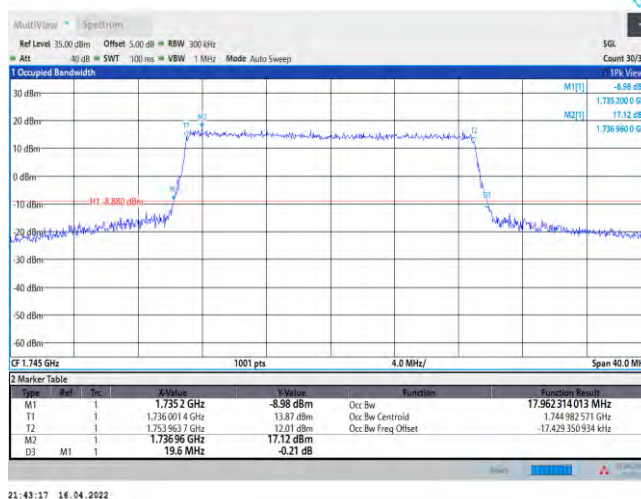
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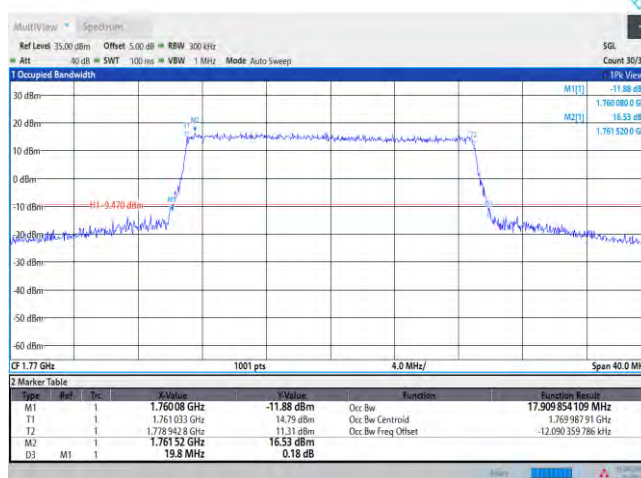
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### Band66-20MHz-16QAM-132322-100RB#0



21:43:17 16.04.2022

### Band66-20MHz-16QAM-132572-100RB#0



21:44:32 16.04.2022



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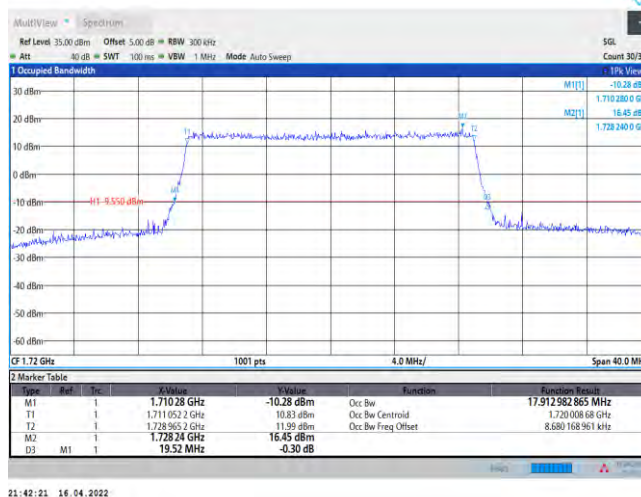
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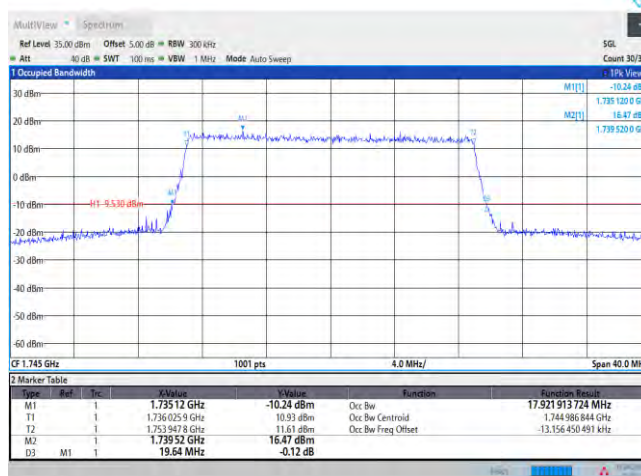
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### Band66-20MHz-64QAM-132072-100RB#0



21:42:21 16.04.2022

### Band66-20MHz-64QAM-132322-100RB#0



21:43:35 16.04.2022



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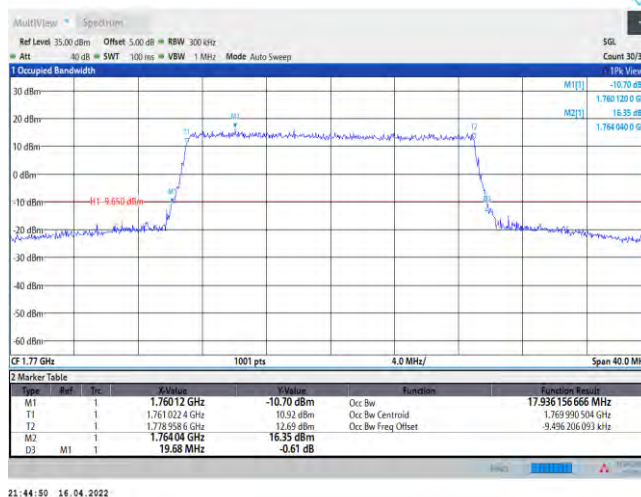
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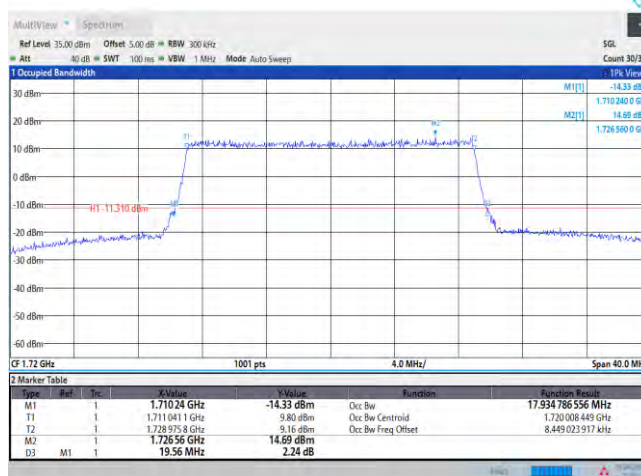
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### Band66-20MHz-64QAM-132572-100RB#0



21:44:50 16.04.2022

### Band66-20MHz-256QAM-132072-100RB#0



21:42:39 16.04.2022



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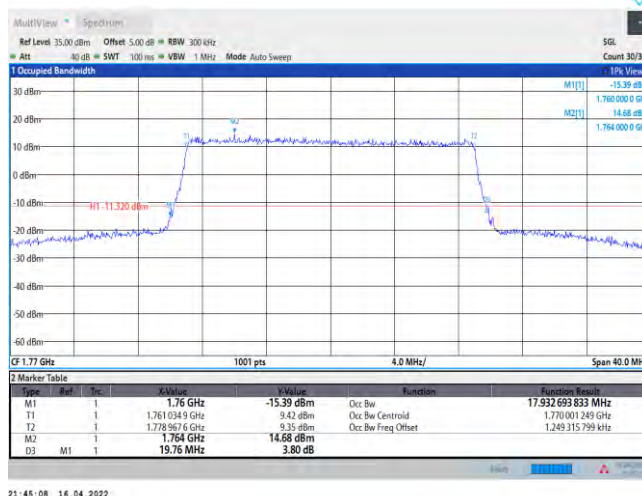
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### Band66-20MHz-256QAM-132322-100RB#0



### Band66-20MHz-256QAM-132572-100RB#0



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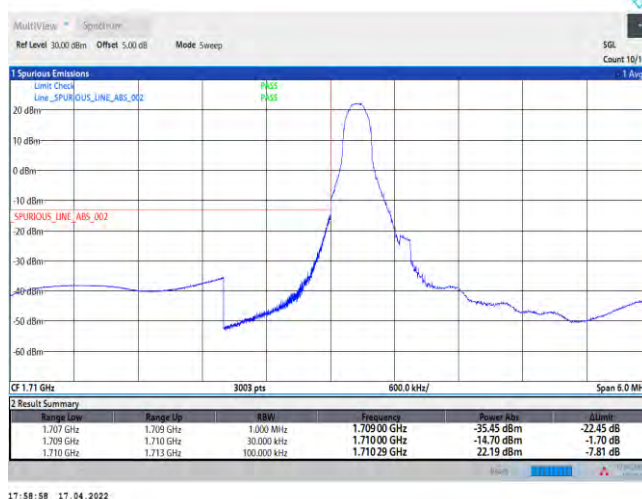
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### Band Edge

### Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



Band66-1.4MHz-QPSK-131979-6RB#0



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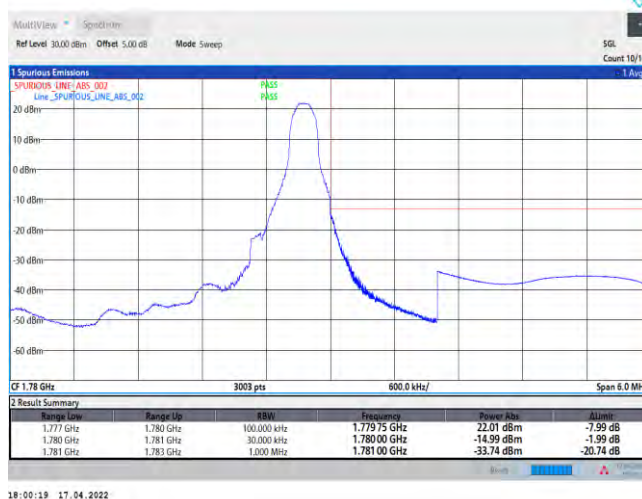
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### Band66-1.4MHz-QPSK-132665-1RB#5



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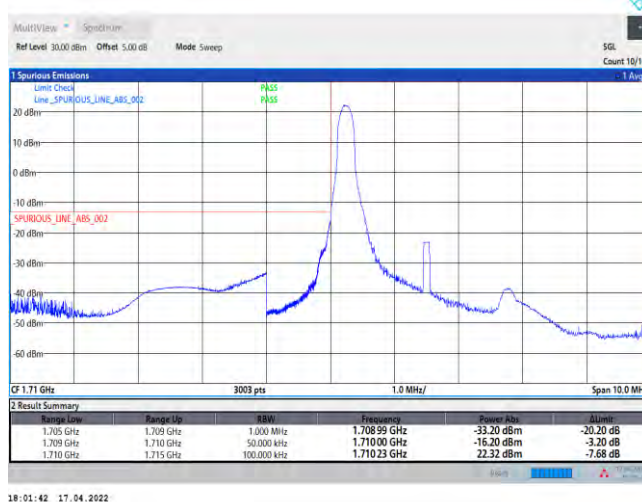
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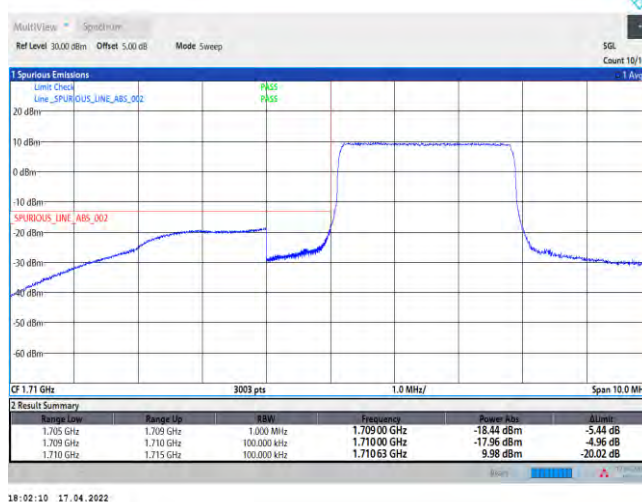
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### Band66-3MHz-QPSK-131987-1RB#0



### Band66-3MHz-QPSK-131987-15RB#0



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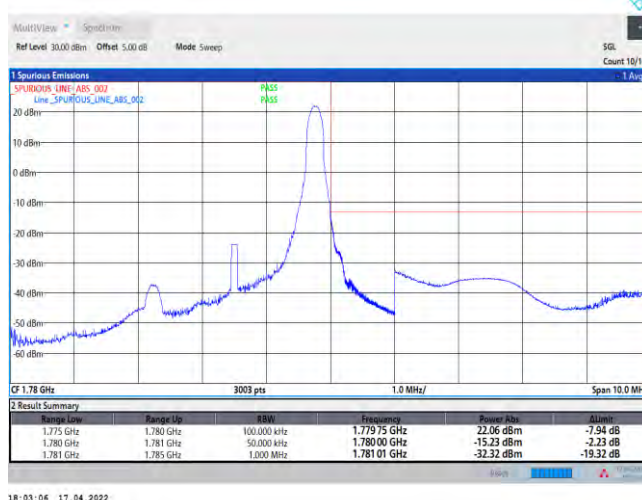
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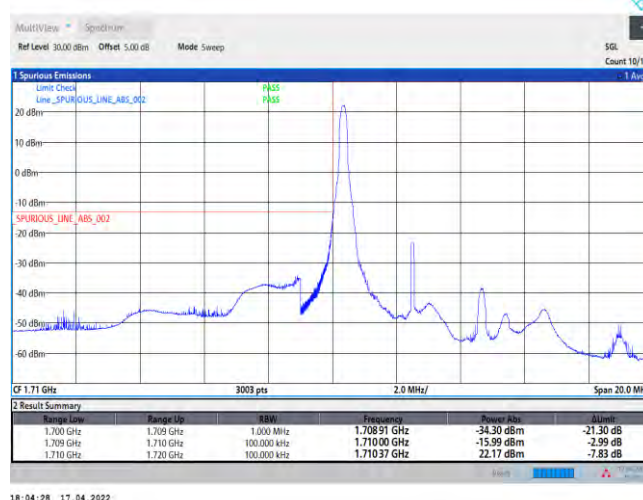
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### Band66-5MHz-QPSK-131997-1RB#0



### Band66-5MHz-QPSK-131997-25RB#0



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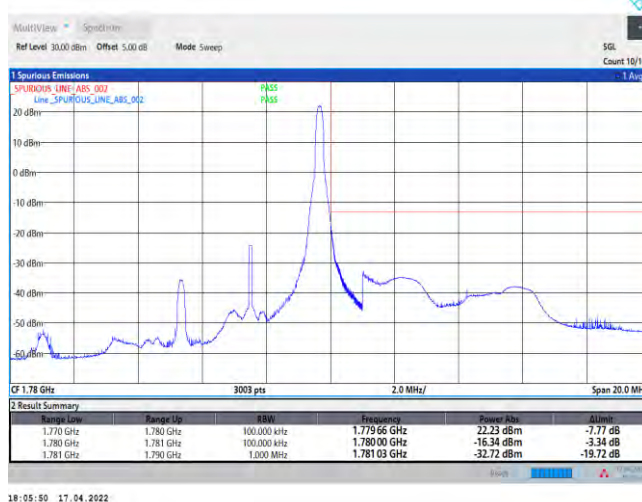
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### Band66-5MHz-QPSK-132647-1RB#24



### Band66-5MHz-QPSK-132647-25RB#0



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### Band66-10MHz-QPSK-132022-1RB#0



### Band66-10MHz-QPSK-132022-50RB#0



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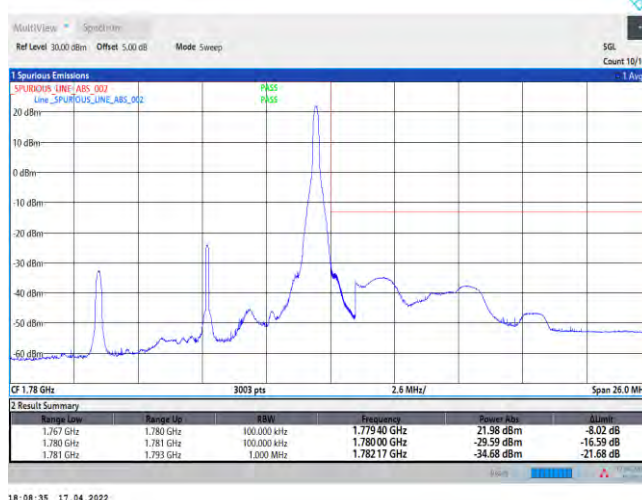
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### Band66-10MHz-QPSK-132622-1RB#49



### Band66-10MHz-QPSK-132622-50RB#0



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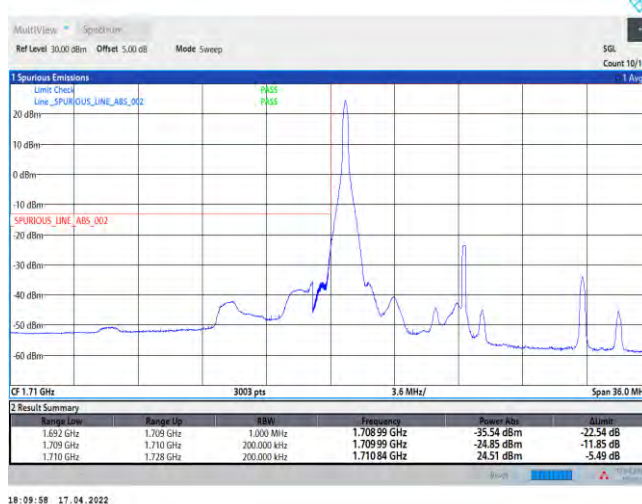
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### Band66-15MHz-QPSK-132047-1RB#0



### Band66-15MHz-QPSK-132047-75RB#0



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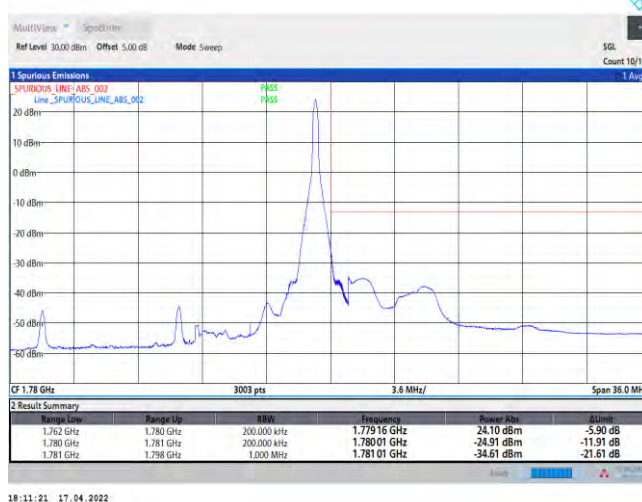
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### Band66-15MHz-QPSK-132597-1RB#74



### Band66-15MHz-QPSK-132597-75RB#0



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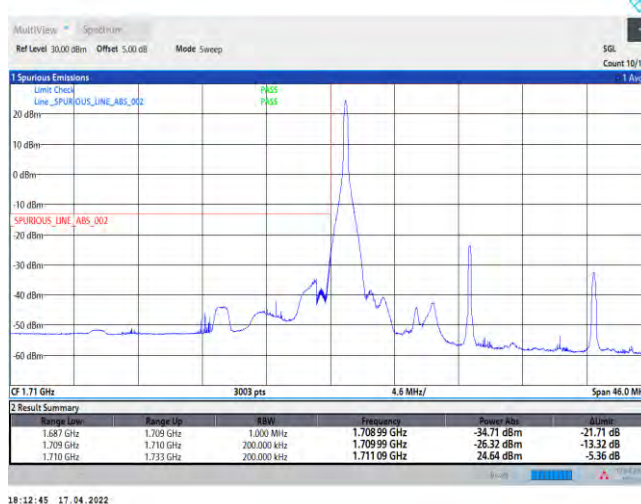
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### Band66-20MHz-QPSK-132072-1RB#0



### Band66-20MHz-QPSK-132072-100RB#0



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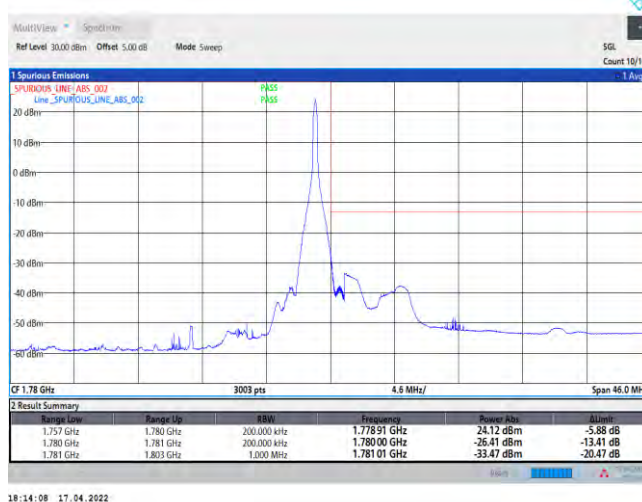
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### Band66-20MHz-QPSK-132572-1RB#99



### Band66-20MHz-QPSK-132572-100RB#0



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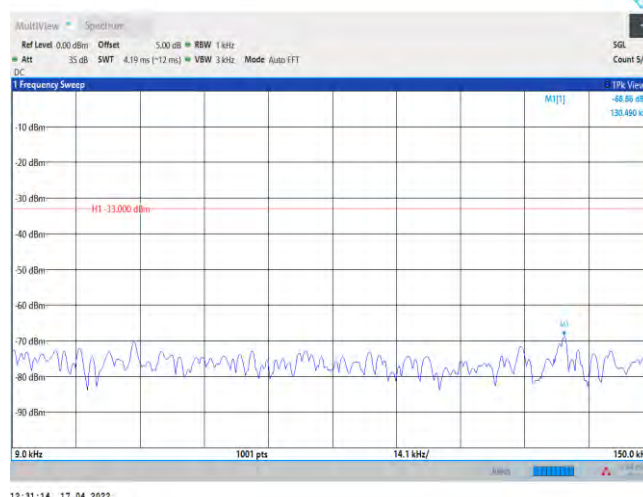
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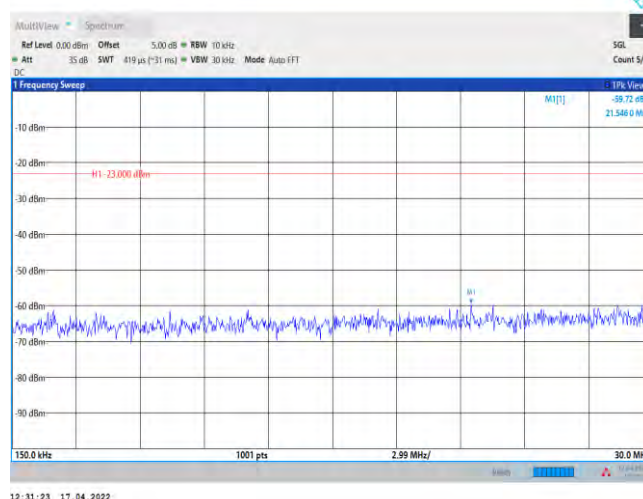
### Conducted Spurious Emission

#### Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz



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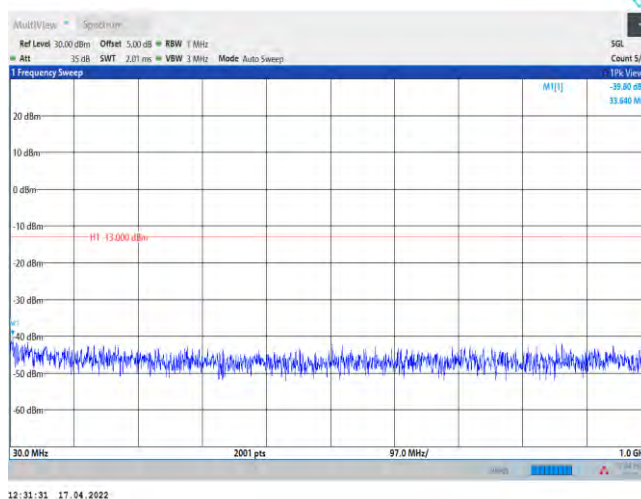
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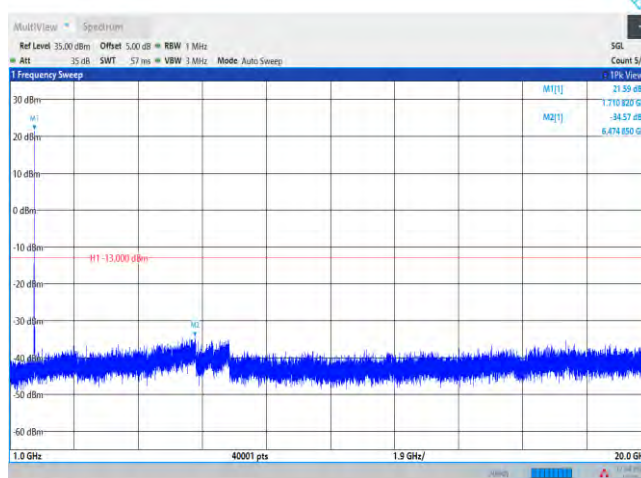
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### Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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### Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



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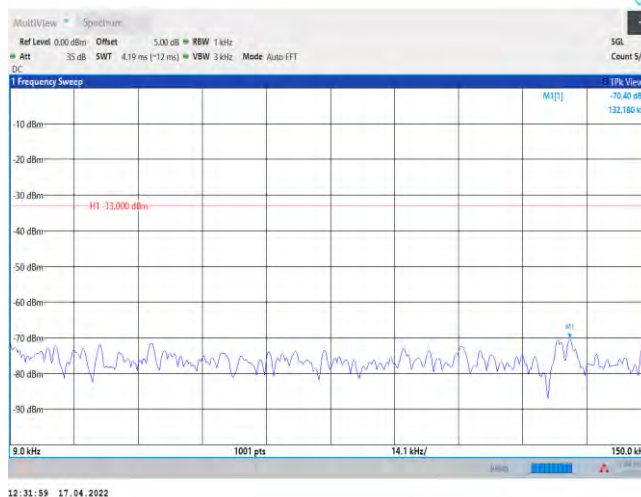
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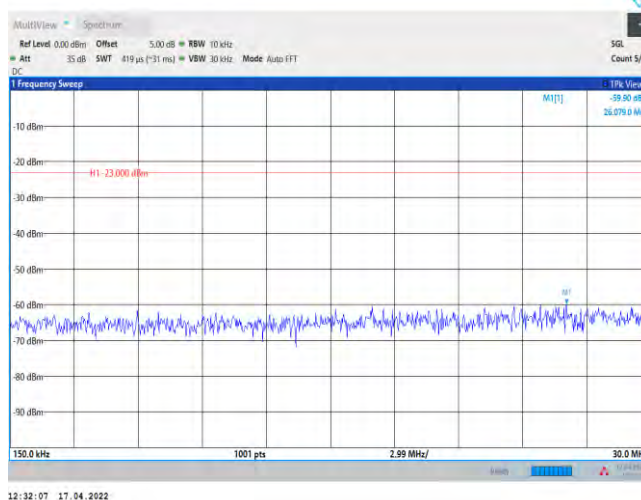
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### Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



### Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



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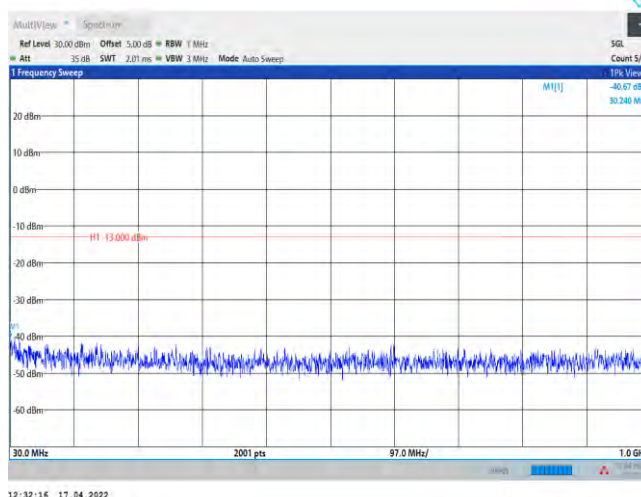
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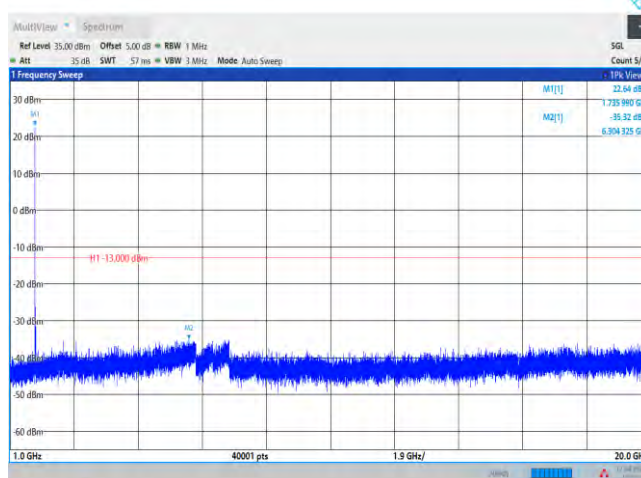
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### Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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### Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz



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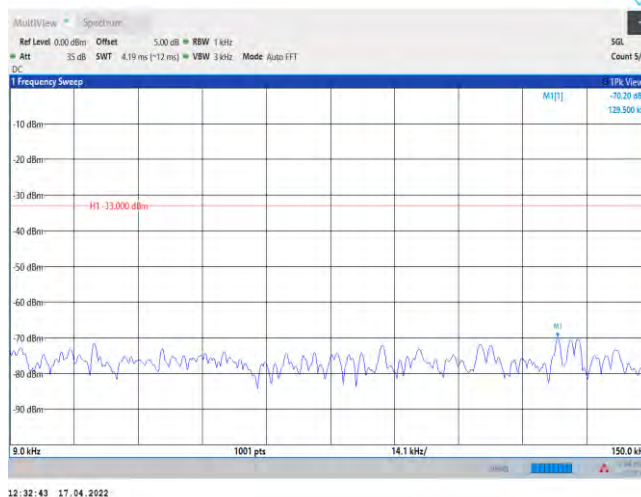
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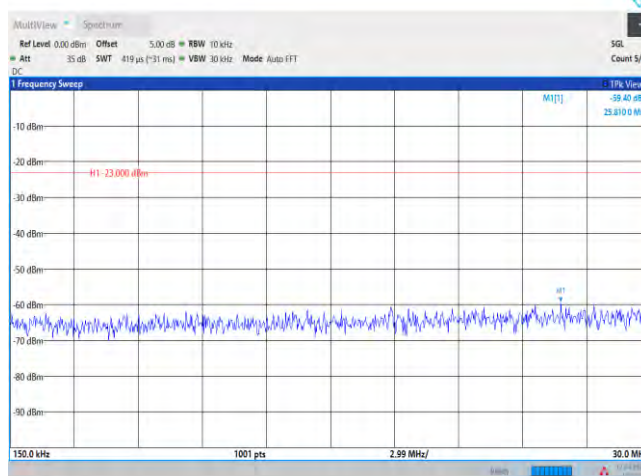
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### Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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### Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz



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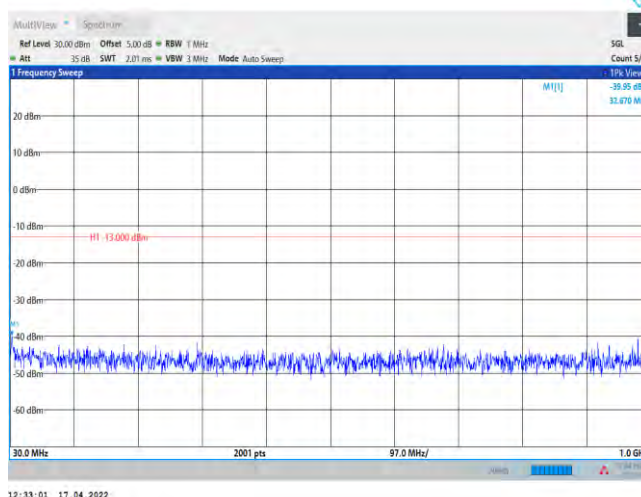
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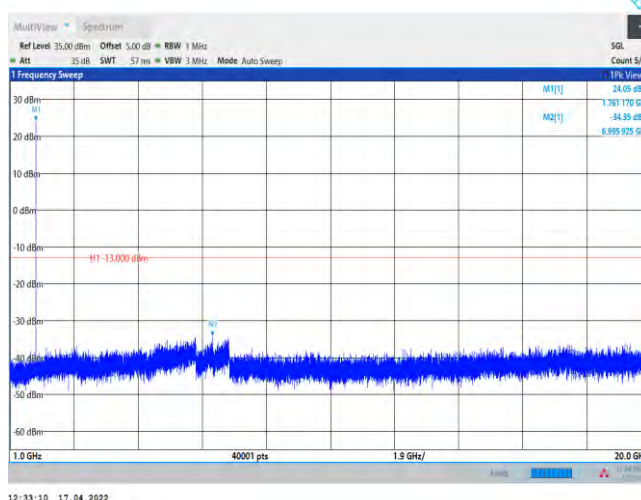
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### Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



### Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz



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## Field Strength of Spurious Radiation

Test Band = LTE Band 66\_ TM1

Test Channel = Low Channel

### Final Data List

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1   | 3404.1800          | 42.75             | -46.28         | 29.43    | -69.36         | -13.00         | 56.36          | 211            | 25           | Horizontal |
| 2   | 5106.2700          | 40.88             | -45.36         | 32.94    | -66.81         | -13.00         | 53.81          | 132            | 252          | Horizontal |
| 3   | 6808.3600          | 40.36             | -44.16         | 35.85    | -63.21         | -13.00         | 50.21          | 154            | 283          | Horizontal |
| 4   | 8510.4500          | 38.23             | -41.59         | 37.56    | -61.06         | -13.00         | 48.06          | 148            | 207          | Horizontal |
| 5   | 10212.540          | 34.24             | -39.45         | 38.81    | -61.65         | -13.00         | 48.65          | 197            | 60           | Horizontal |
| 6   | 11914.630          | 31.33             | -37.18         | 38.88    | -62.23         | -13.00         | 49.23          | 183            | 29           | Horizontal |

### Final Data List

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| 1   | 3404.1800          | 42.76             | -46.28         | 29.43    | -69.35         | -13.00         | 56.35          | 233            | 357          | Vertical |
| 2   | 5106.2700          | 41.32             | -45.36         | 32.94    | -66.37         | -13.00         | 53.37          | 215            | 359          | Vertical |
| 3   | 6808.3600          | 41.00             | -44.16         | 35.85    | -62.57         | -13.00         | 49.57          | 145            | 352          | Vertical |
| 4   | 8510.4500          | 37.85             | -41.59         | 37.56    | -61.44         | -13.00         | 48.44          | 196            | 4            | Vertical |
| 5   | 10212.540          | 34.33             | -39.45         | 38.81    | -61.56         | -13.00         | 48.56          | 258            | 59           | Vertical |
| 6   | 11914.630          | 31.22             | -37.18         | 38.88    | -62.34         | -13.00         | 49.34          | 142            | 210          | Vertical |



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**Test Band = LTE Band 66\_ TM1**
**Test Channel = Mid Channel**
**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1   | 3454.1800          | 42.70             | -46.27         | 29.48    | -69.35         | -13.00         | 56.35          | 222            | 359          | Horizontal |
| 2   | 5181.2700          | 41.22             | -45.30         | 32.98    | -66.36         | -13.00         | 53.36          | 302            | 350          | Horizontal |
| 3   | 6908.3600          | 40.39             | -44.05         | 35.97    | -62.95         | -13.00         | 49.95          | 159            | 296          | Horizontal |
| 4   | 8635.4500          | 37.85             | -41.46         | 37.81    | -61.06         | -13.00         | 48.06          | 192            | 29           | Horizontal |
| 5   | 10362.540          | 34.42             | -39.04         | 38.85    | -61.03         | -13.00         | 48.03          | 184            | 43           | Horizontal |
| 6   | 12089.630          | 32.45             | -37.37         | 39.04    | -61.14         | -13.00         | 48.14          | 170            | 360          | Horizontal |

**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| 1   | 3454.1800          | 42.47             | -46.27         | 29.48    | -69.58         | -13.00         | 56.58          | 298            | 104          | Vertical |
| 2   | 5181.2700          | 40.68             | -45.30         | 32.98    | -66.90         | -13.00         | 53.90          | 122            | 313          | Vertical |
| 3   | 6908.3600          | 39.31             | -44.05         | 35.97    | -64.03         | -13.00         | 51.03          | 263            | 29           | Vertical |
| 4   | 8635.4500          | 37.41             | -41.46         | 37.81    | -61.50         | -13.00         | 48.50          | 210            | 60           | Vertical |
| 5   | 10362.540          | 33.99             | -39.04         | 38.85    | -61.46         | -13.00         | 48.46          | 140            | 330          | Vertical |
| 6   | 12089.630          | 31.23             | -37.37         | 39.04    | -62.36         | -13.00         | 49.36          | 172            | 283          | Vertical |



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**Test Band = LTE Band 66\_ TM1**
**Test Channel = High Channel**
**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1   | 3504.1800          | 43.24             | -46.25         | 29.52    | -68.75         | -13.00         | 55.75          | 263            | 4            | Horizontal |
| 2   | 5256.2700          | 41.16             | -45.17         | 32.94    | -66.34         | -13.00         | 53.34          | 215            | 329          | Horizontal |
| 3   | 7008.3600          | 40.21             | -43.61         | 36.10    | -62.56         | -13.00         | 49.56          | 148            | 360          | Horizontal |
| 4   | 8760.4500          | 37.37             | -41.42         | 38.02    | -61.30         | -13.00         | 48.30          | 188            | 329          | Horizontal |
| 5   | 10512.540          | 34.28             | -38.76         | 38.97    | -60.77         | -13.00         | 47.77          | 192            | 4            | Horizontal |
| 6   | 12262.630          | 32.68             | -37.44         | 39.11    | -60.91         | -13.00         | 47.91          | 200            | 222          | Horizontal |

**Final Data List**

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| 1   | 3504.1800          | 42.64             | -46.25         | 29.52    | -69.35         | -13.00         | 56.35          | 245            | 88           | Vertical |
| 2   | 5256.2700          | 41.49             | -45.17         | 32.94    | -66.01         | -13.00         | 53.01          | 133            | 344          | Vertical |
| 3   | 7008.3600          | 40.60             | -43.61         | 36.10    | -62.17         | -13.00         | 49.17          | 261            | 134          | Vertical |
| 4   | 8760.4500          | 37.81             | -41.42         | 38.02    | -60.86         | -13.00         | 47.86          | 100            | 286          | Vertical |
| 5   | 10512.540          | 34.05             | -38.76         | 38.97    | -61.00         | -13.00         | 48.00          | 184            | 74           | Vertical |
| 6   | 12262.630          | 31.49             | -37.44         | 39.11    | -62.10         | -13.00         | 49.10          | 199            | 120          | Vertical |



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## Frequency Stability

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | VL            | NT               | -0.70          | -0.000401       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | VN            | NT               | -0.40          | -0.000229       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | VH            | NT               | -0.70          | -0.000401       | PASS    |

| Band   | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -30              | -1.30          | -0.000745       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -20              | -0.70          | -0.000401       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | -10              | -0.60          | -0.000344       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 0                | -0.70          | -0.000401       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 10               | 0.70           | 0.000401        | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 20               | -2.40          | -0.001375       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 30               | -1.80          | -0.001032       | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 40               | 0.20           | 0.000115        | PASS    |
| Band66 | 20MHz     | QPSK       | 132322  | 100RB#0      | NV            | 50               | -0.70          | -0.000401       | PASS    |

The End



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