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Appendix B.8

LTE Band 25



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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 |
|--------|-----------|------------|---------|------------------|-------------|------------|-------------|---------|
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#0 | 22.66 | 24.25 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#2 | 23.00 | 24.59 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#5 | 22.86 | 24.45 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 6RB#0 | 21.93 | 23.52 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 1RB#0 | 22.95 | 24.54 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 1RB#2 | 23.02 | 24.61 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 1RB#5 | 22.91 | 24.5 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 6RB#0 | 21.98 | 23.57 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#0 | 22.89 | 24.48 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#2 | 22.90 | 24.49 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#5 | 22.91 | 24.5 | 33 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 6RB#0 | 22.06 | 23.65 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#0 | 22.21 | 23.8 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#2 | 22.28 | 23.87 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#5 | 21.79 | 23.38 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0 | 21.11 | 22.7 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#0 | 22.34 | 23.93 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#2 | 22.40 | 23.99 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 1RB#5 | 22.19 | 23.78 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0 | 21.09 | 22.68 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#0 | 22.06 | 23.65 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#2 | 22.09 | 23.68 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#5 | 21.95 | 23.54 | 33 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0 | 21.02 | 22.61 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26047 | 1RB#0 | 21.12 | 22.71 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26047 | 1RB#2 | 21.28 | 22.87 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26047 | 1RB#5 | 21.09 | 22.68 | 33 | PASS |



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|--------|--------|-------|-------|--------|-------|-------|----|------|
| Band25 | 1.4MHz | 64QAM | 26047 | 6RB#0 | 19.97 | 21.56 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26365 | 1RB#0 | 21.14 | 22.73 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26365 | 1RB#2 | 21.33 | 22.92 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26365 | 1RB#5 | 21.22 | 22.81 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26365 | 6RB#0 | 20.01 | 21.6 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26683 | 1RB#0 | 20.99 | 22.58 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26683 | 1RB#2 | 21.02 | 22.61 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26683 | 1RB#5 | 20.98 | 22.57 | 33 | PASS |
| Band25 | 1.4MHz | 64QAM | 26683 | 6RB#0 | 20.00 | 21.59 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#0 | 22.95 | 24.54 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#8 | 22.97 | 24.56 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#14 | 22.98 | 24.57 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 15RB#0 | 22.04 | 23.63 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 1RB#0 | 22.99 | 24.58 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 1RB#8 | 23.04 | 24.63 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 1RB#14 | 23.00 | 24.59 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 15RB#0 | 22.05 | 23.64 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#0 | 22.99 | 24.58 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#8 | 22.97 | 24.56 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#14 | 22.89 | 24.48 | 33 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 15RB#0 | 22.10 | 23.69 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#0 | 22.23 | 23.82 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#8 | 22.28 | 23.87 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#14 | 22.29 | 23.88 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | 21.09 | 22.68 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#0 | 22.23 | 23.82 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#8 | 22.43 | 24.02 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 1RB#14 | 22.36 | 23.95 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 21.15 | 22.74 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#0 | 22.11 | 23.7 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#8 | 22.15 | 23.74 | 33 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#14 | 22.00 | 23.59 | 33 | PASS |



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|--------|------|-------|-------|--------|-------|-------|----|------|
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | 21.04 | 22.63 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26055 | 1RB#0 | 21.23 | 22.82 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26055 | 1RB#8 | 21.21 | 22.8 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26055 | 1RB#14 | 21.20 | 22.79 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26055 | 15RB#0 | 20.11 | 21.7 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26365 | 1RB#0 | 21.15 | 22.74 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26365 | 1RB#8 | 21.25 | 22.84 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26365 | 1RB#14 | 21.20 | 22.79 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26365 | 15RB#0 | 20.15 | 21.74 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26675 | 1RB#0 | 21.05 | 22.64 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26675 | 1RB#8 | 21.05 | 22.64 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26675 | 1RB#14 | 21.04 | 22.63 | 33 | PASS |
| Band25 | 3MHz | 64QAM | 26675 | 15RB#0 | 20.07 | 21.66 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#0 | 23.00 | 24.59 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#12 | 22.97 | 24.56 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#24 | 22.99 | 24.58 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 25RB#0 | 22.06 | 23.65 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 1RB#0 | 23.07 | 24.66 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 1RB#12 | 23.03 | 24.62 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 1RB#24 | 23.07 | 24.66 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 25RB#0 | 22.07 | 23.66 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 1RB#0 | 22.96 | 24.55 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 1RB#12 | 22.98 | 24.57 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 1RB#24 | 22.90 | 24.49 | 33 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 25RB#0 | 22.08 | 23.67 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#0 | 22.27 | 23.86 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#12 | 22.17 | 23.76 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#24 | 22.30 | 23.89 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0 | 21.13 | 22.72 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#0 | 22.33 | 23.92 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#12 | 22.36 | 23.95 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 1RB#24 | 22.33 | 23.92 | 33 | PASS |



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|--------|-------|-------|-------|--------|-------|-------|----|------|
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0 | 21.15 | 22.74 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#0 | 22.24 | 23.83 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#12 | 22.22 | 23.81 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#24 | 21.99 | 23.58 | 33 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 25RB#0 | 21.04 | 22.63 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26065 | 1RB#0 | 21.26 | 22.85 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26065 | 1RB#12 | 21.22 | 22.81 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26065 | 1RB#24 | 21.18 | 22.77 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26065 | 25RB#0 | 20.10 | 21.69 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26365 | 1RB#0 | 21.32 | 22.91 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26365 | 1RB#12 | 21.27 | 22.86 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26365 | 1RB#24 | 21.31 | 22.9 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26365 | 25RB#0 | 20.10 | 21.69 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26665 | 1RB#0 | 21.18 | 22.77 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26665 | 1RB#12 | 21.07 | 22.66 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26665 | 1RB#24 | 21.01 | 22.6 | 33 | PASS |
| Band25 | 5MHz | 64QAM | 26665 | 25RB#0 | 20.05 | 21.64 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#0 | 22.94 | 24.53 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#24 | 23.00 | 24.59 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#49 | 22.98 | 24.57 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 50RB#0 | 22.10 | 23.69 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 1RB#0 | 23.01 | 24.6 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 1RB#24 | 23.05 | 24.64 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 1RB#49 | 23.07 | 24.66 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 50RB#0 | 22.11 | 23.7 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#0 | 23.05 | 24.64 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#24 | 23.00 | 24.59 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#49 | 22.95 | 24.54 | 33 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 50RB#0 | 22.09 | 23.68 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0 | 22.33 | 23.92 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24 | 22.27 | 23.86 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49 | 22.21 | 23.8 | 33 | PASS |



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| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 21.07 | 22.66 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0 | 22.29 | 23.88 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24 | 22.32 | 23.91 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49 | 22.36 | 23.95 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 21.16 | 22.75 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0 | 22.32 | 23.91 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24 | 22.27 | 23.86 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49 | 22.01 | 23.6 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | 21.11 | 22.7 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26090 | 1RB#0 | 21.26 | 22.85 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26090 | 1RB#24 | 21.26 | 22.85 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26090 | 1RB#49 | 21.18 | 22.77 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26090 | 50RB#0 | 20.09 | 21.68 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26365 | 1RB#0 | 21.26 | 22.85 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26365 | 1RB#24 | 21.31 | 22.9 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26365 | 1RB#49 | 21.35 | 22.94 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26365 | 50RB#0 | 20.11 | 21.7 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26640 | 1RB#0 | 21.21 | 22.8 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26640 | 1RB#24 | 21.23 | 22.82 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26640 | 1RB#49 | 21.14 | 22.73 | 33 | PASS |
| Band25 | 10MHz | 64QAM | 26640 | 50RB#0 | 20.11 | 21.7 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 1RB#0 | 22.95 | 24.54 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 1RB#38 | 23.02 | 24.61 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 1RB#74 | 22.96 | 24.55 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 75RB#0 | 22.07 | 23.66 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 1RB#0 | 22.97 | 24.56 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 1RB#38 | 23.09 | 24.68 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 1RB#74 | 23.05 | 24.64 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 75RB#0 | 22.11 | 23.7 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#0 | 22.91 | 24.5 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#38 | 23.03 | 24.62 | 33 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#74 | 22.82 | 24.41 | 33 | PASS |



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| | | | | | | | | |
|--------|-------|-------|-------|---------|-------|-------|----|------|
| Band25 | 15MHz | QPSK | 26615 | 75RB#0 | 22.05 | 23.64 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0 | 22.28 | 23.87 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38 | 22.22 | 23.81 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74 | 22.16 | 23.75 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | 21.08 | 22.67 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0 | 22.34 | 23.93 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38 | 22.48 | 24.07 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74 | 22.42 | 24.01 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 21.16 | 22.75 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0 | 22.23 | 23.82 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38 | 22.26 | 23.85 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74 | 22.02 | 23.61 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0 | 21.04 | 22.63 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26115 | 1RB#0 | 21.28 | 22.87 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26115 | 1RB#38 | 21.24 | 22.83 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26115 | 1RB#74 | 21.21 | 22.8 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26115 | 75RB#0 | 20.10 | 21.69 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26365 | 1RB#0 | 21.23 | 22.82 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26365 | 1RB#38 | 21.29 | 22.88 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26365 | 1RB#74 | 21.28 | 22.87 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26365 | 75RB#0 | 20.11 | 21.7 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26615 | 1RB#0 | 21.13 | 22.72 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26615 | 1RB#38 | 21.26 | 22.85 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26615 | 1RB#74 | 21.08 | 22.67 | 33 | PASS |
| Band25 | 15MHz | 64QAM | 26615 | 75RB#0 | 20.10 | 21.69 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#0 | 22.91 | 24.5 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#49 | 22.95 | 24.54 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#99 | 22.87 | 24.46 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | 21.96 | 23.55 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 1RB#0 | 22.89 | 24.48 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 1RB#49 | 23.05 | 24.64 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 1RB#99 | 23.01 | 24.6 | 33 | PASS |



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|--------|-------|-------|-------|---------|-------|-------|----|------|
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 22.05 | 23.64 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#0 | 22.95 | 24.54 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#49 | 23.01 | 24.6 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#99 | 22.86 | 24.45 | 33 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | 22.14 | 23.73 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0 | 22.20 | 23.79 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#49 | 22.22 | 23.81 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#99 | 22.10 | 23.69 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 21.00 | 22.59 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0 | 22.25 | 23.84 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#49 | 22.34 | 23.93 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#99 | 22.25 | 23.84 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 21.11 | 22.7 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0 | 22.20 | 23.79 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#49 | 22.38 | 23.97 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#99 | 22.01 | 23.6 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 21.15 | 22.74 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26140 | 1RB#0 | 21.09 | 22.68 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26140 | 1RB#49 | 21.20 | 22.79 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26140 | 1RB#99 | 21.04 | 22.63 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26140 | 100RB#0 | 19.99 | 21.58 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26365 | 1RB#0 | 21.15 | 22.74 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26365 | 1RB#49 | 21.33 | 22.92 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26365 | 1RB#99 | 21.22 | 22.81 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26365 | 100RB#0 | 20.10 | 21.69 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26590 | 1RB#0 | 21.11 | 22.7 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26590 | 1RB#49 | 21.23 | 22.82 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26590 | 1RB#99 | 21.01 | 22.6 | 33 | PASS |
| Band25 | 20MHz | 64QAM | 26590 | 100RB#0 | 20.13 | 21.72 | 33 | PASS |



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Peak-to-Average Ratio(CCDF)

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | 5.34 | 13 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 5.58 | 13 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | 5.34 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 6.12 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 6.50 | 13 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 6.14 | 13 | PASS |
| Band25 | 20MHz | 64QAM | 26140 | 100RB#0 | 6.58 | 13 | PASS |
| Band25 | 20MHz | 64QAM | 26365 | 100RB#0 | 6.76 | 13 | PASS |
| Band25 | 20MHz | 64QAM | 26590 | 100RB#0 | 6.56 | 13 | PASS |



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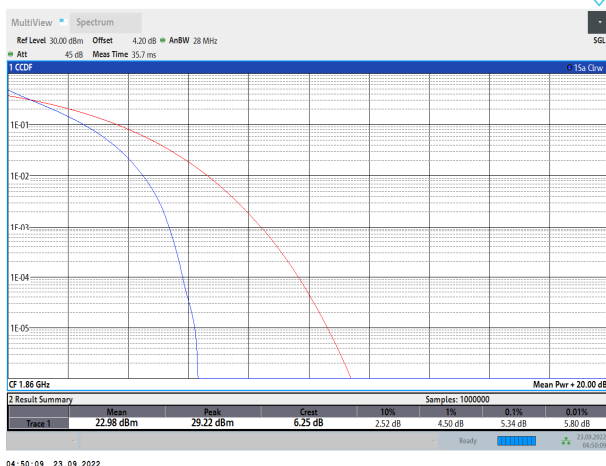
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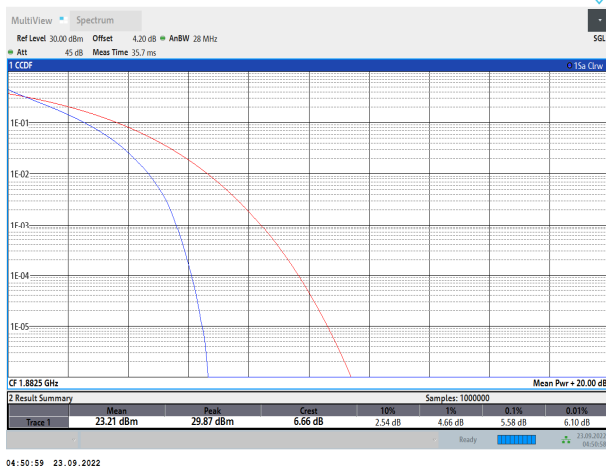
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Test Graphs

Band25-20MHz-QPSK-26140-100RB#0



Band25-20MHz-QPSK-26365-100RB#0



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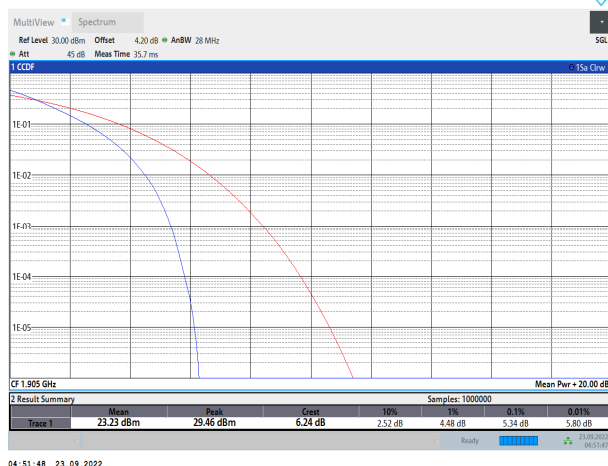
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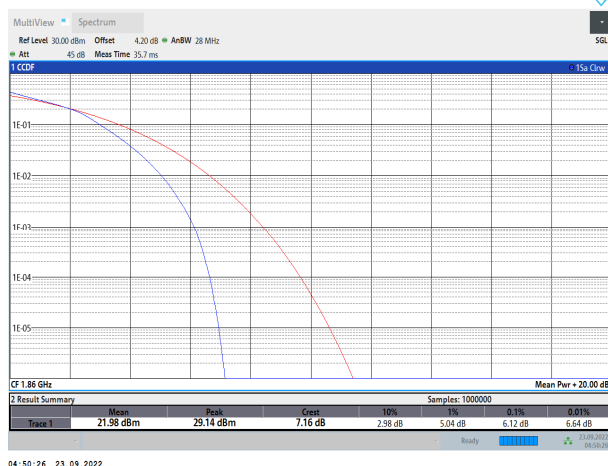
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Band25-20MHz-QPSK-26590-100RB#0



04:51:48 23.09.2022

Band25-20MHz-16QAM-26140-100RB#0



04:50:26 23.09.2022



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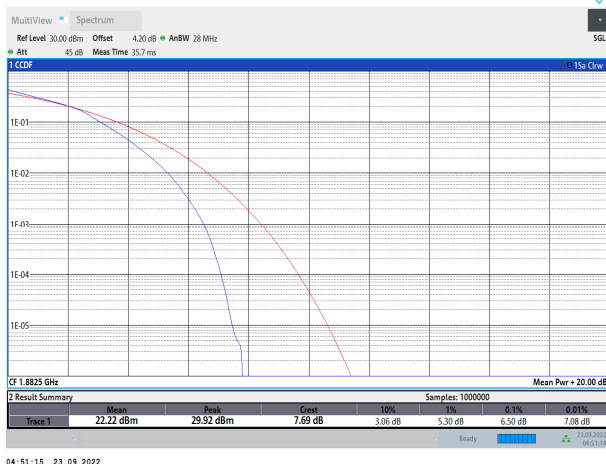
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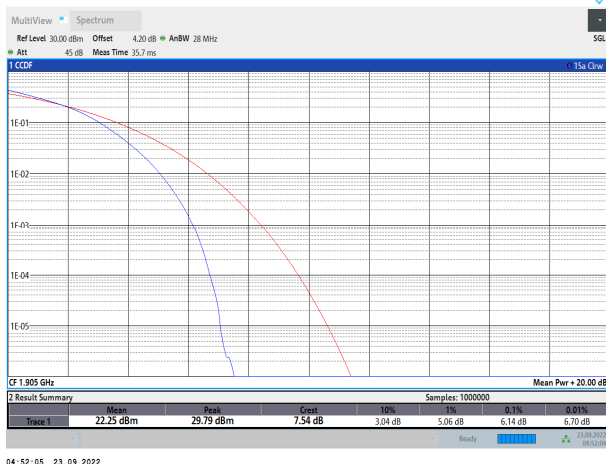
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Band25-20MHz-16QAM-26365-100RB#0



04:51:15 23.09.2022

Band25-20MHz-16QAM-26590-100RB#0



04:52:05 23.09.2022



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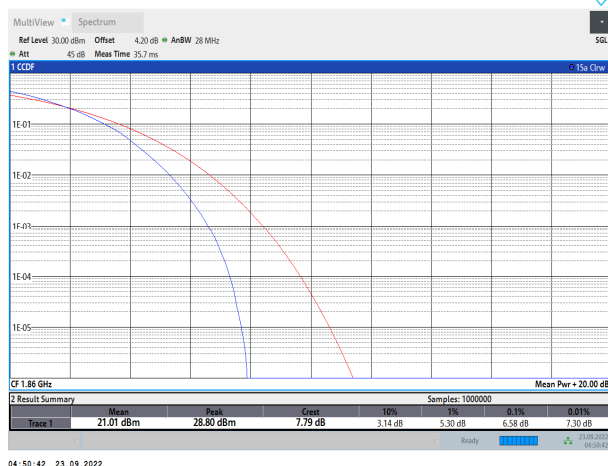
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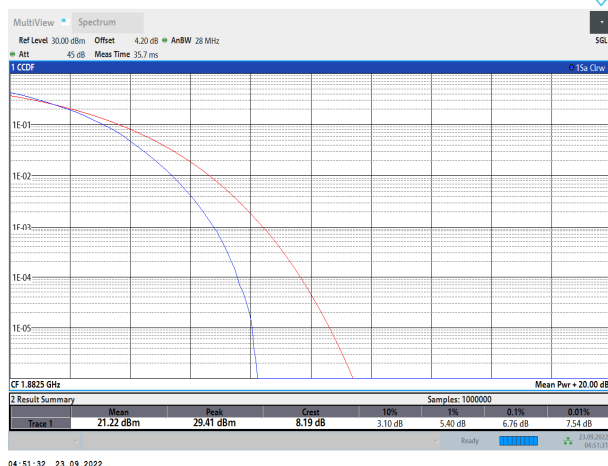
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Band25-20MHz-64QAM-26140-100RB#0



04:50:42 23.09.2022

Band25-20MHz-64QAM-26365-100RB#0



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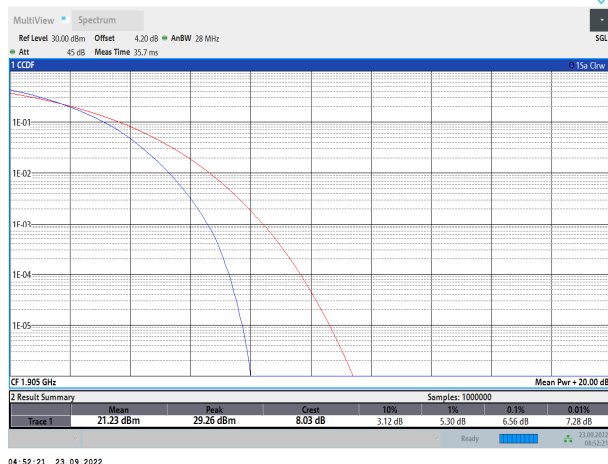
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Band25-20MHz-64QAM-26590-100RB#0



04:52:21 23.09.2022



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Modulation Characteristics

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result | Verdict |
|--------|-----------|------------|---------|------------------|--------|---------|
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | PASS | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | PASS | PASS |
| Band25 | 20MHz | 64QAM | 26365 | 100RB#0 | PASS | PASS |



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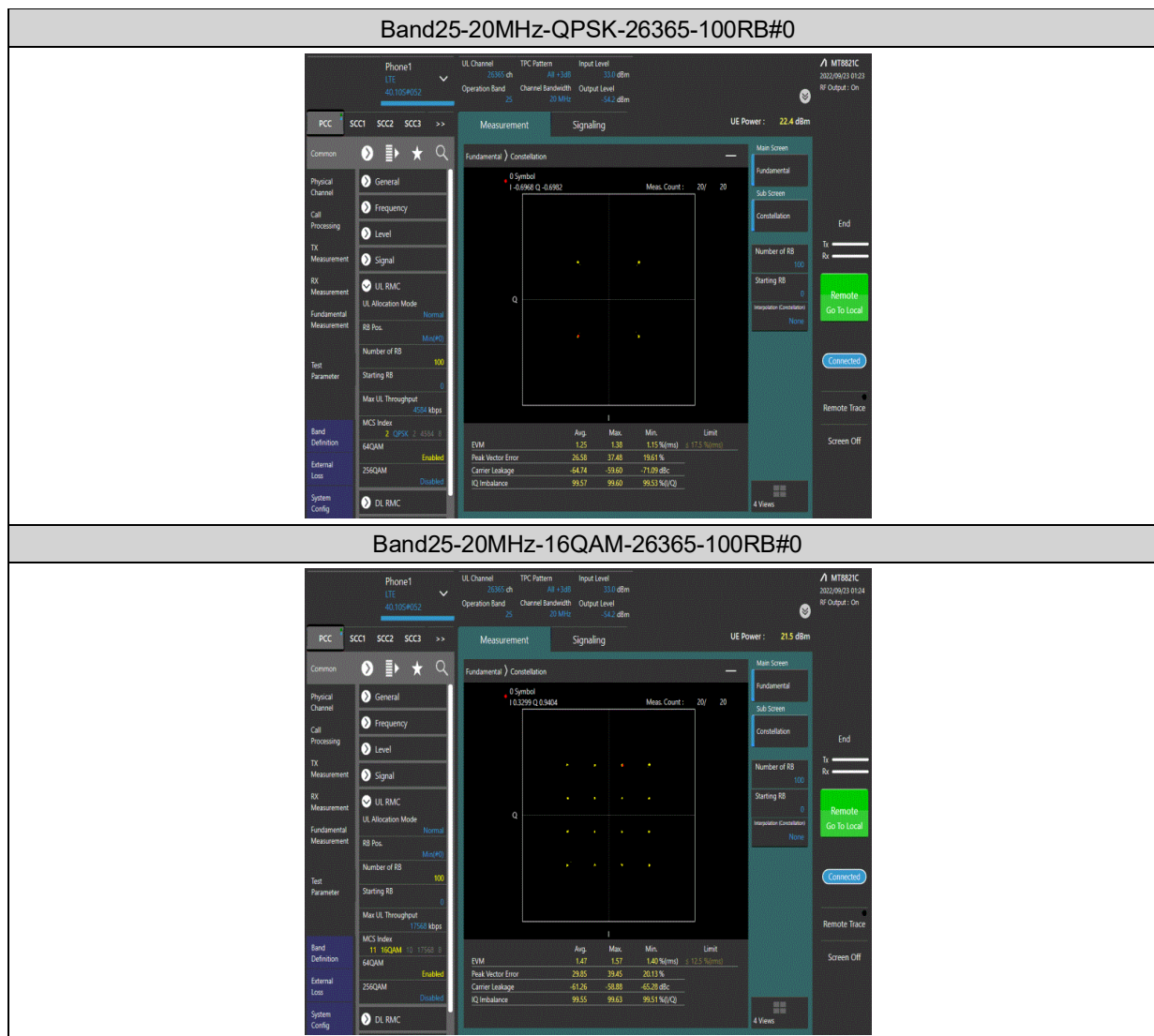
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Test Graphs

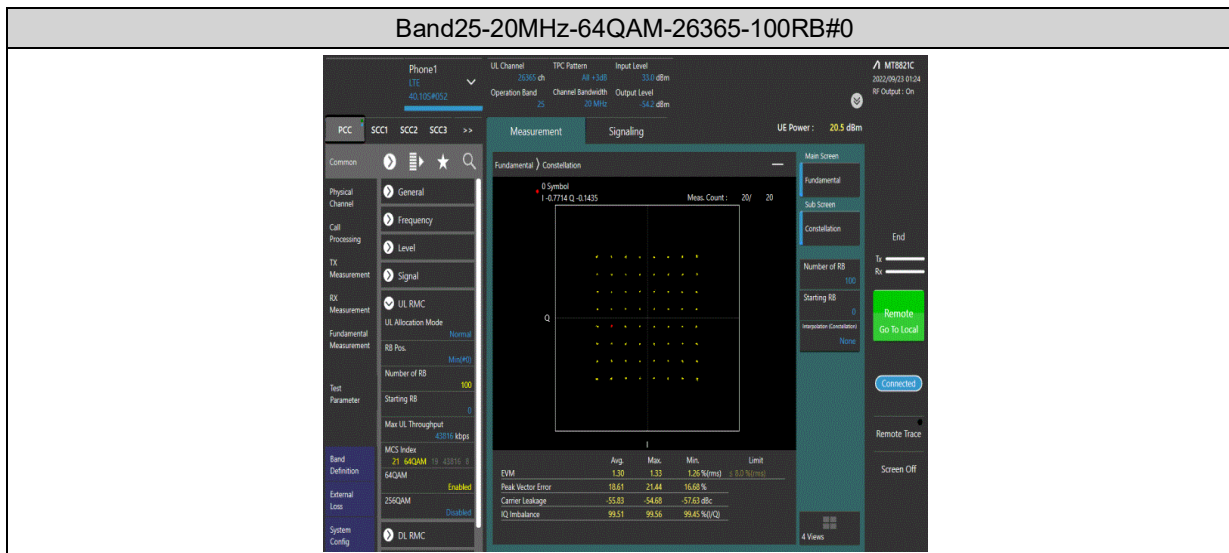


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Band25-20MHz-64QAM-26365-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band25 | 1.4MHz | QPSK | 26047 | 6RB#0 | 1.086 | 1.22 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 6RB#0 | 1.087 | 1.24 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 6RB#0 | 1.088 | 1.24 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0 | 1.094 | 1.23 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0 | 1.094 | 1.24 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0 | 1.095 | 1.25 | PASS |
| Band25 | 1.4MHz | 64QAM | 26047 | 6RB#0 | 1.092 | 1.24 | PASS |
| Band25 | 1.4MHz | 64QAM | 26365 | 6RB#0 | 1.092 | 1.24 | PASS |
| Band25 | 1.4MHz | 64QAM | 26683 | 6RB#0 | 1.093 | 1.25 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 15RB#0 | 2.692 | 2.99 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 15RB#0 | 2.692 | 2.98 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 15RB#0 | 2.693 | 2.98 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | 2.688 | 2.99 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 2.689 | 2.99 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | 2.687 | 2.98 | PASS |
| Band25 | 3MHz | 64QAM | 26055 | 15RB#0 | 2.691 | 2.98 | PASS |
| Band25 | 3MHz | 64QAM | 26365 | 15RB#0 | 2.689 | 2.98 | PASS |
| Band25 | 3MHz | 64QAM | 26675 | 15RB#0 | 2.686 | 2.98 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 25RB#0 | 4.473 | 4.91 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 25RB#0 | 4.472 | 4.90 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 25RB#0 | 4.469 | 4.87 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0 | 4.468 | 4.91 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0 | 4.472 | 4.91 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 25RB#0 | 4.465 | 4.92 | PASS |
| Band25 | 5MHz | 64QAM | 26065 | 25RB#0 | 4.482 | 4.90 | PASS |
| Band25 | 5MHz | 64QAM | 26365 | 25RB#0 | 4.486 | 4.90 | PASS |
| Band25 | 5MHz | 64QAM | 26665 | 25RB#0 | 4.479 | 4.91 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 50RB#0 | 8.937 | 9.68 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 50RB#0 | 8.935 | 9.70 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 50RB#0 | 8.926 | 9.60 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 8.916 | 9.66 | PASS |



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| | | | | | | | |
|--------|-------|-------|-------|---------|--------|-------|------|
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 8.92 | 9.64 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | 8.908 | 9.60 | PASS |
| Band25 | 10MHz | 64QAM | 26090 | 50RB#0 | 8.931 | 9.64 | PASS |
| Band25 | 10MHz | 64QAM | 26365 | 50RB#0 | 8.94 | 9.68 | PASS |
| Band25 | 10MHz | 64QAM | 26640 | 50RB#0 | 8.925 | 9.66 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 75RB#0 | 13.452 | 14.76 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 75RB#0 | 13.478 | 14.70 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 75RB#0 | 13.477 | 14.67 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | 13.444 | 14.76 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 13.464 | 14.85 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0 | 13.449 | 14.70 | PASS |
| Band25 | 15MHz | 64QAM | 26115 | 75RB#0 | 13.427 | 14.73 | PASS |
| Band25 | 15MHz | 64QAM | 26365 | 75RB#0 | 13.439 | 14.79 | PASS |
| Band25 | 15MHz | 64QAM | 26615 | 75RB#0 | 13.443 | 14.76 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | 17.905 | 19.36 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 17.948 | 19.52 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | 17.932 | 19.28 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 17.87 | 19.32 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 17.892 | 19.36 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 17.888 | 19.44 | PASS |
| Band25 | 20MHz | 64QAM | 26140 | 100RB#0 | 17.849 | 19.44 | PASS |
| Band25 | 20MHz | 64QAM | 26365 | 100RB#0 | 17.907 | 19.40 | PASS |
| Band25 | 20MHz | 64QAM | 26590 | 100RB#0 | 17.885 | 19.40 | PASS |



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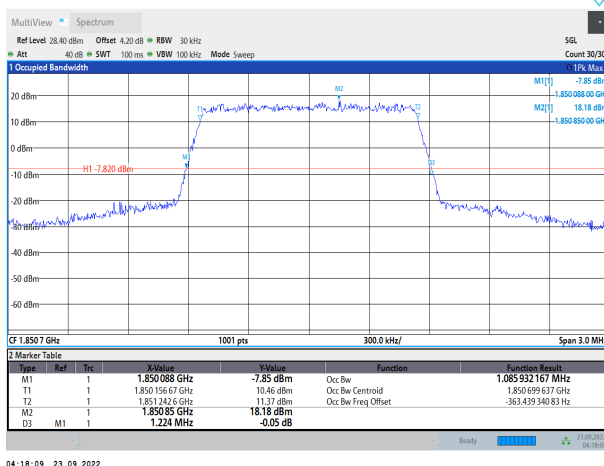
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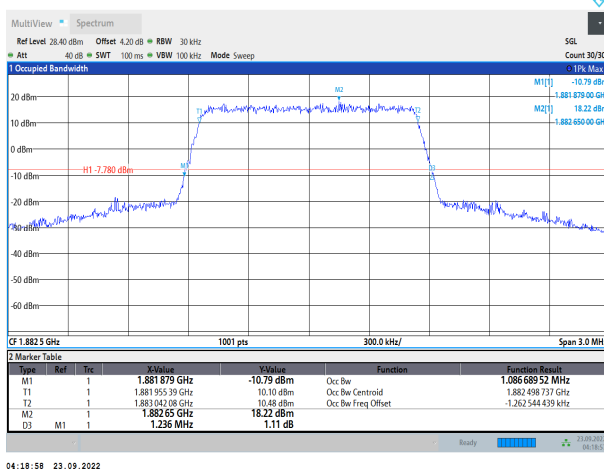
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Test Graphs

Band25-1.4MHz-QPSK-26047-6RB#0



Band25-1.4MHz-QPSK-26365-6RB#0



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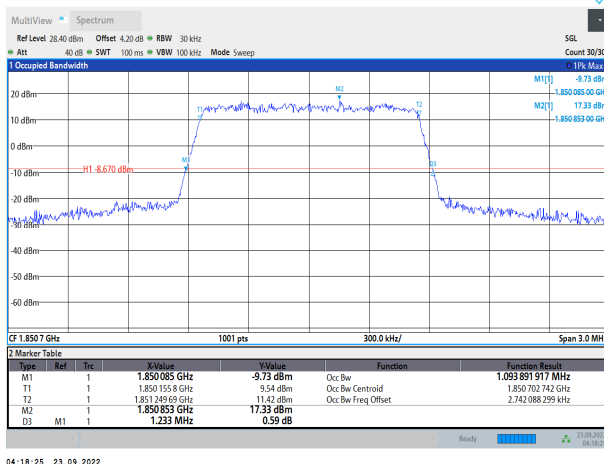
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Band25-1.4MHz-QPSK-26683-6RB#0



Band25-1.4MHz-16QAM-26047-6RB#0

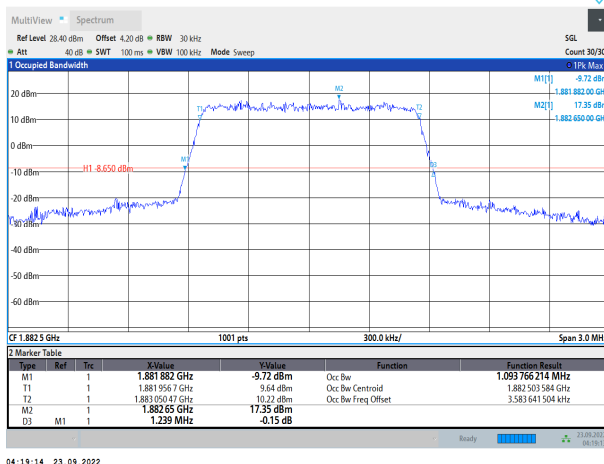


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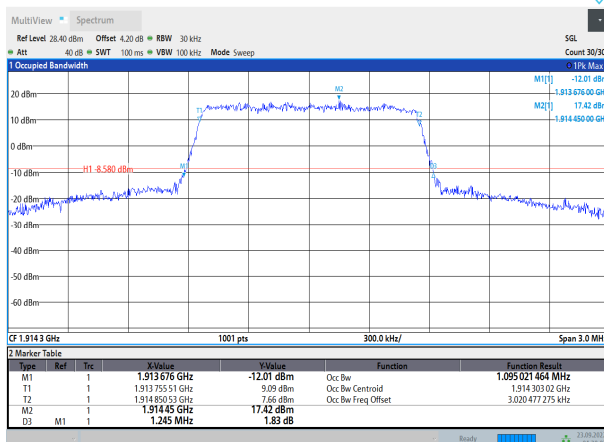
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Band25-1.4MHz-16QAM-26365-6RB#0



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Band25-1.4MHz-16QAM-26683-6RB#0



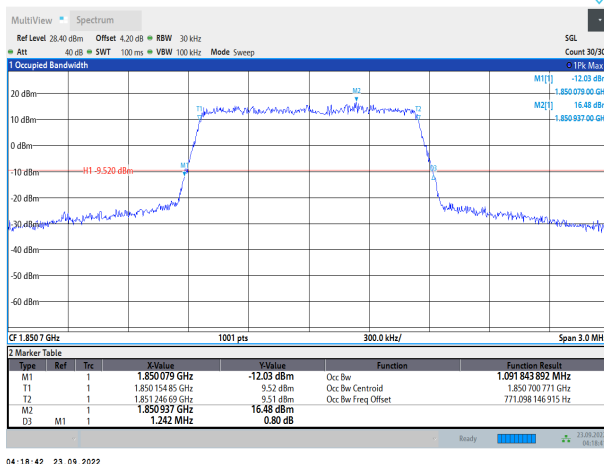
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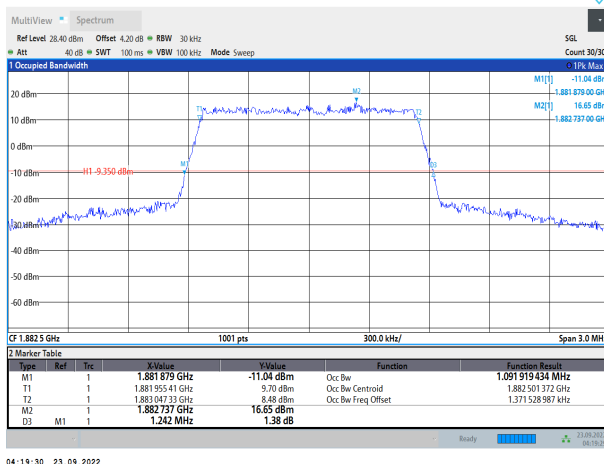
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Band25-1.4MHz-64QAM-26047-6RB#0



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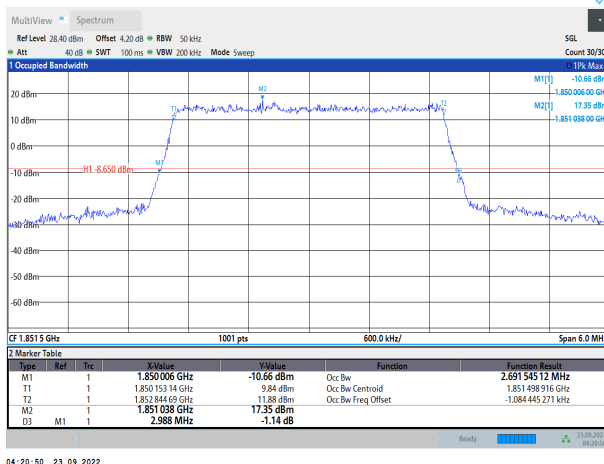
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Band25-3MHz-QPSK-26055-15RB#0

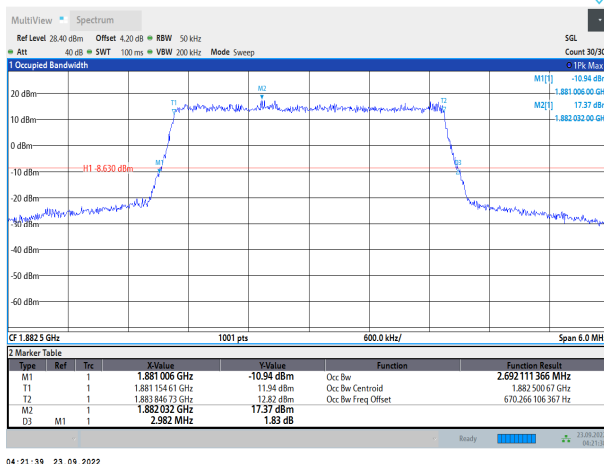


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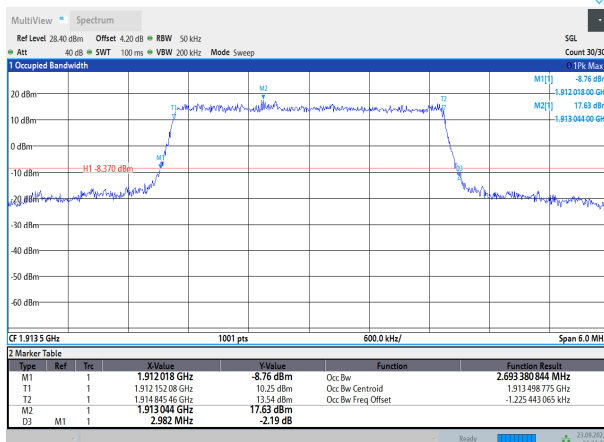
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Band25-3MHz-QPSK-26675-15RB#0



04:22:27 23.09.2022



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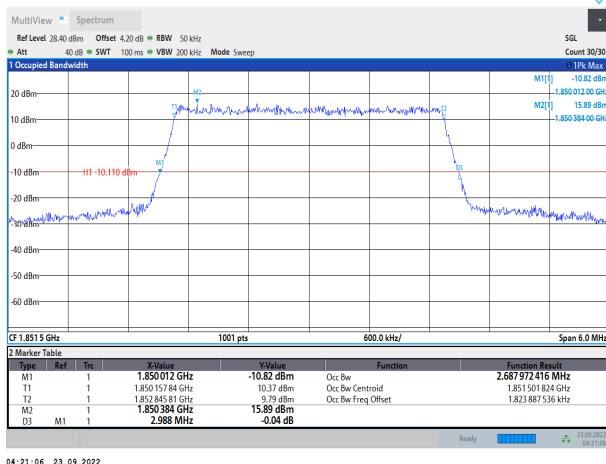
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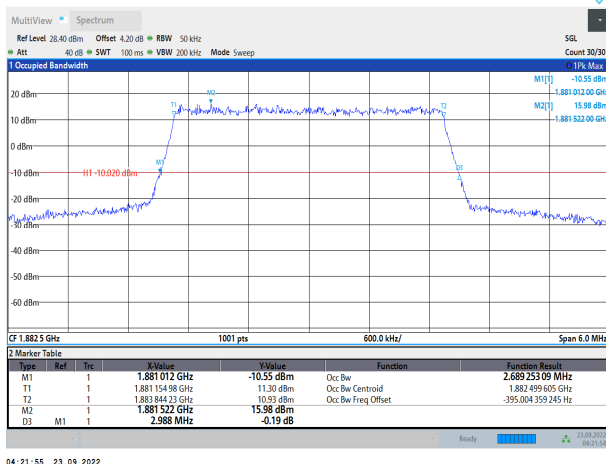
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Band25-3MHz-16QAM-26055-15RB#0



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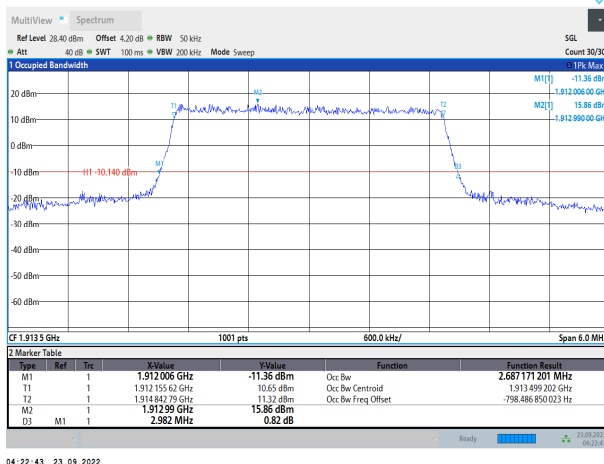


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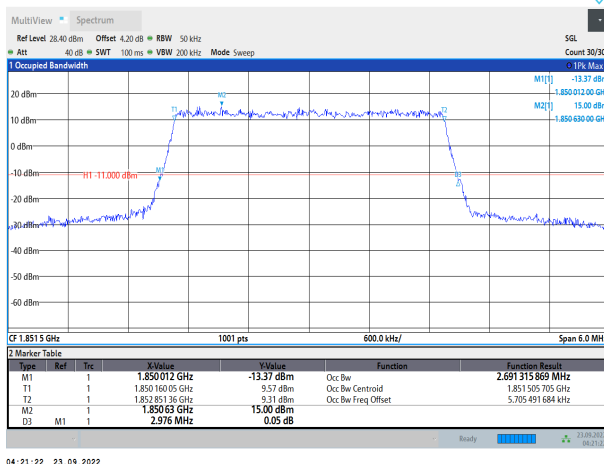
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Band25-3MHz-16QAM-26675-15RB#0



Band25-3MHz-64QAM-26055-15RB#0

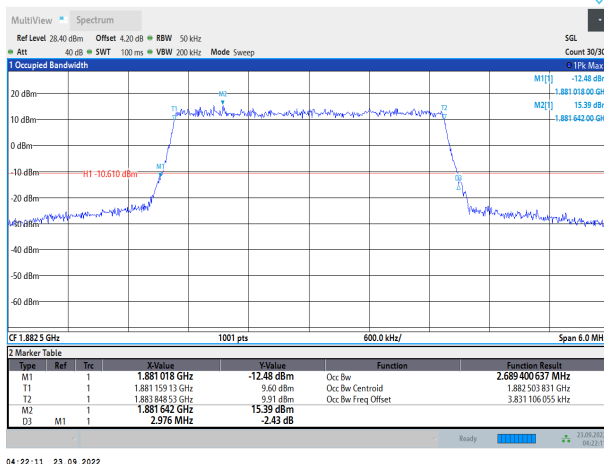


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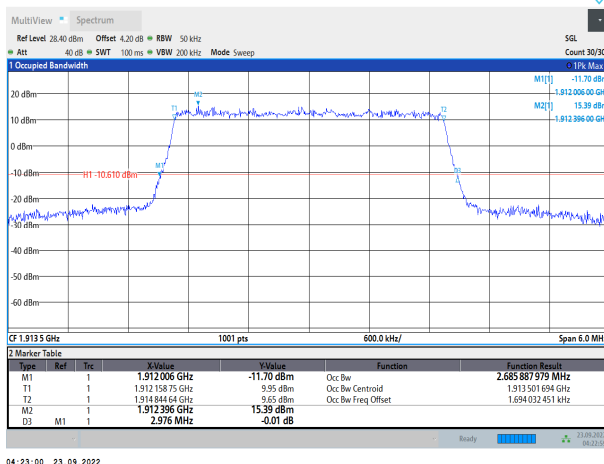
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Band25-3MHz-64QAM-26365-15RB#0



Band25-3MHz-64QAM-26675-15RB#0



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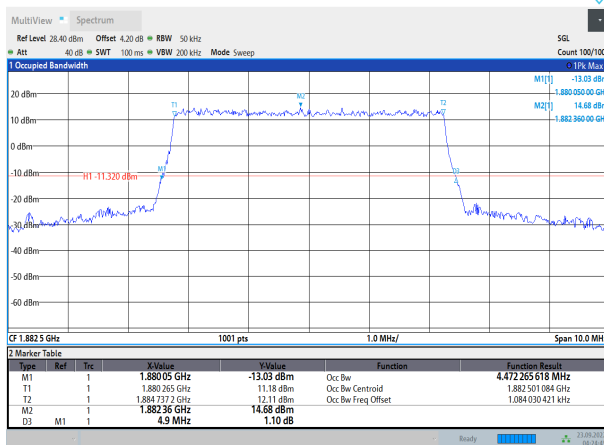
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Band25-5MHz-QPSK-26065-25RB#0



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Band25-5MHz-QPSK-26365-25RB#0



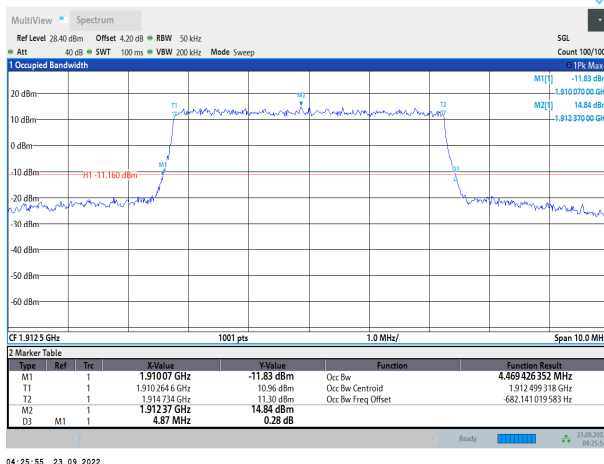
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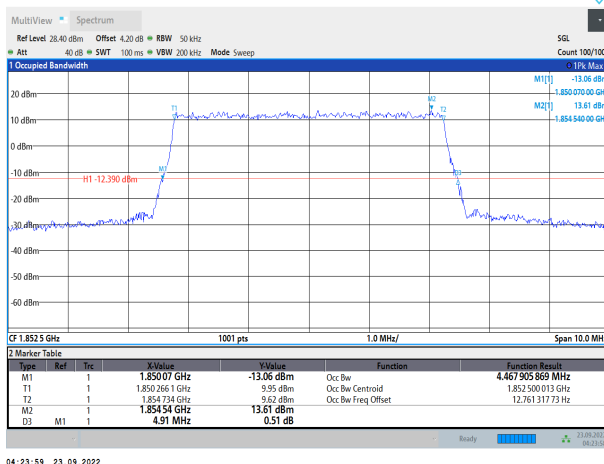
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Band25-5MHz-QPSK-26665-25RB#0



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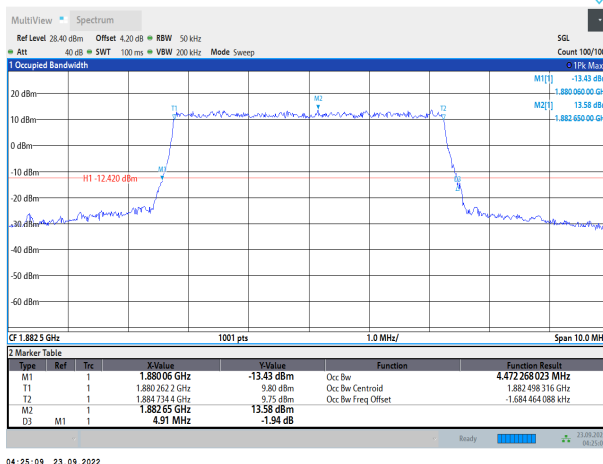
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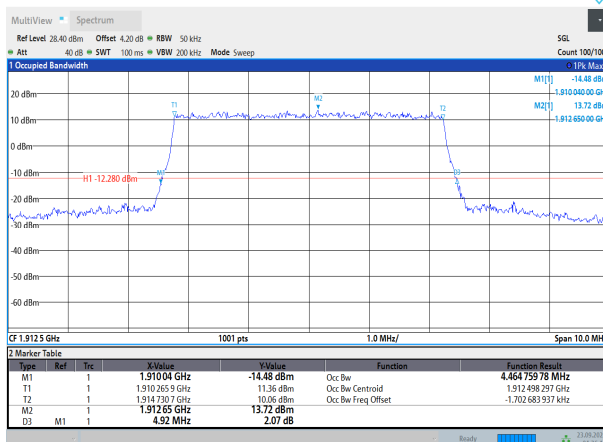
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Band25-5MHz-16QAM-26365-25RB#0



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Band25-5MHz-16QAM-26665-25RB#0



04:26:19 23.09.2022



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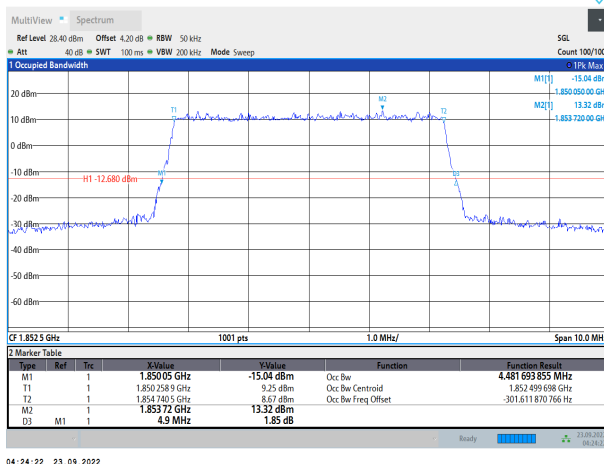
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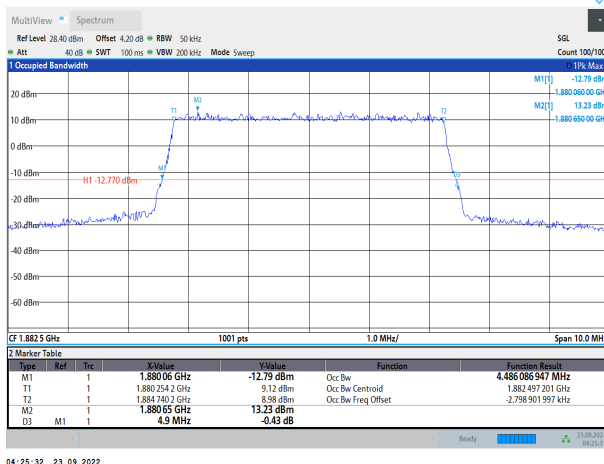
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Band25-5MHz-64QAM-26065-25RB#0



Band25-5MHz-64QAM-26365-25RB#0

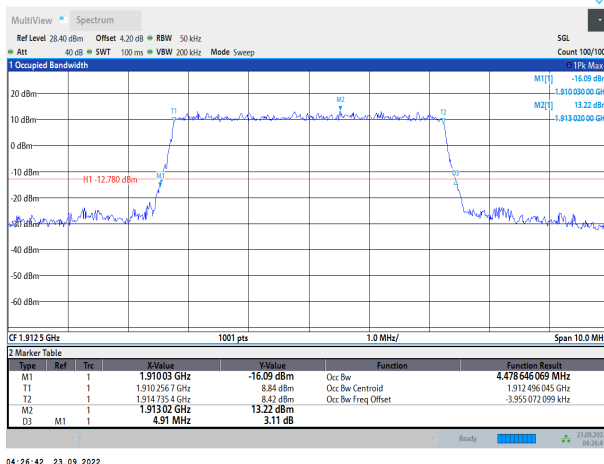


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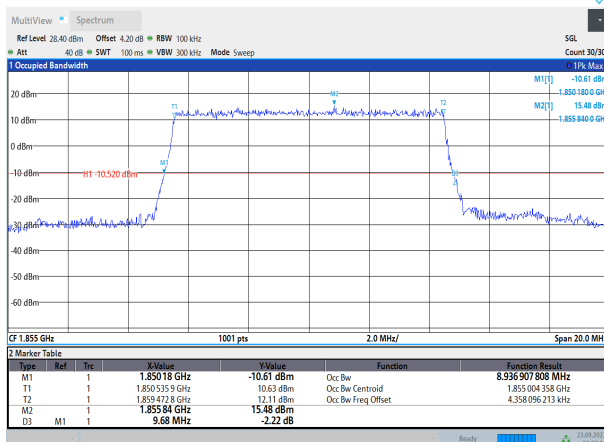
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Band25-5MHz-64QAM-26665-25RB#0



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Band25-10MHz-QPSK-26090-50RB#0



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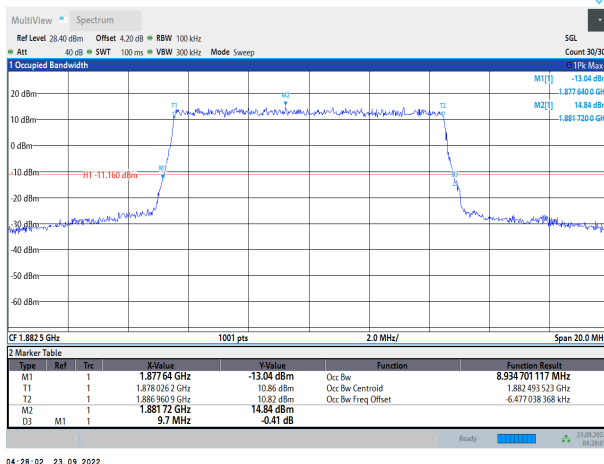
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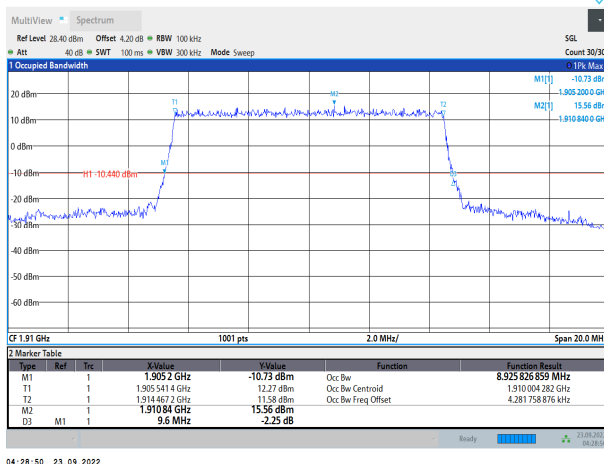
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Band25-10MHz-QPSK-26365-50RB#0



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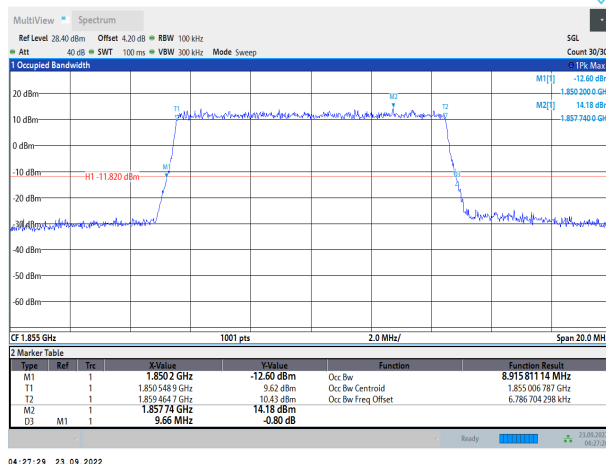


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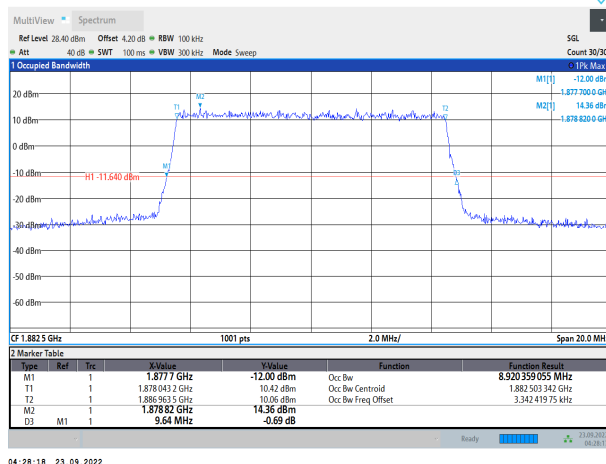
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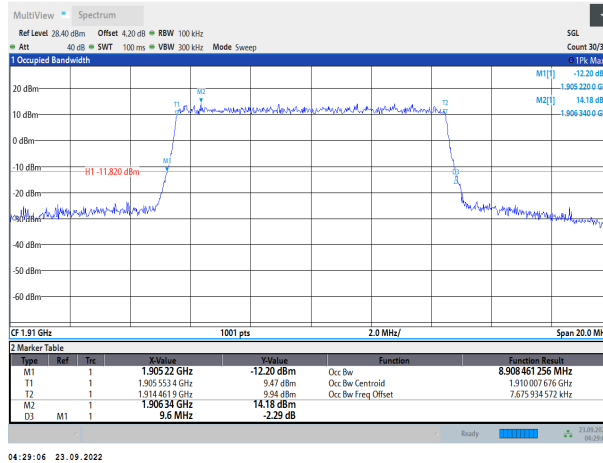


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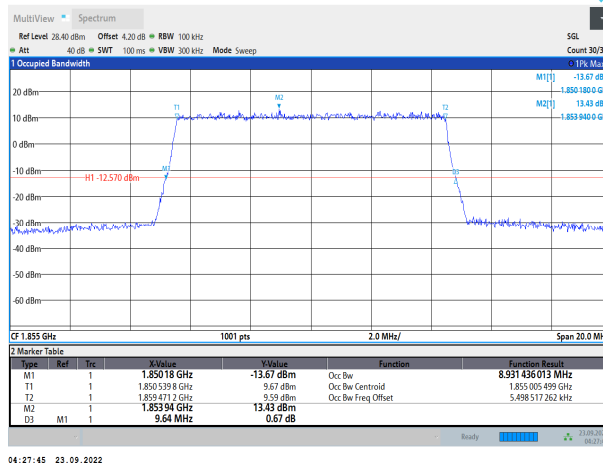
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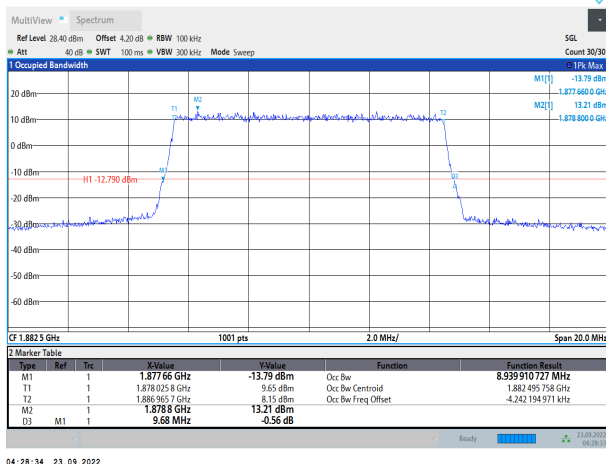


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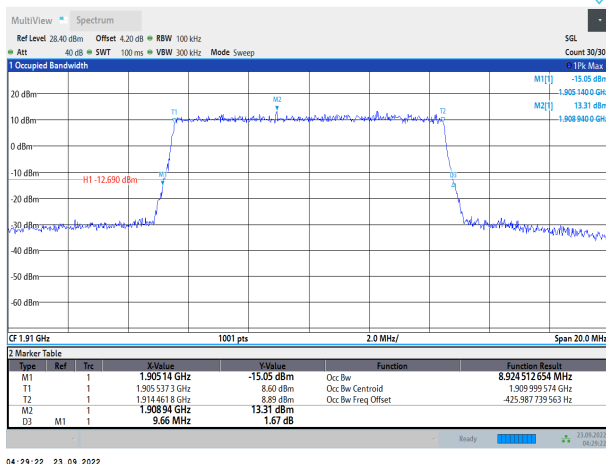
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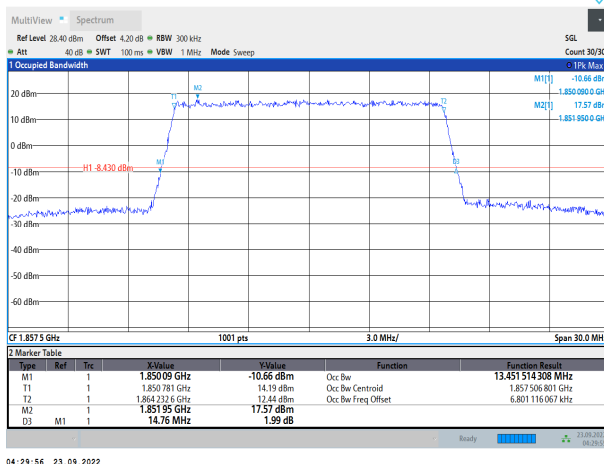
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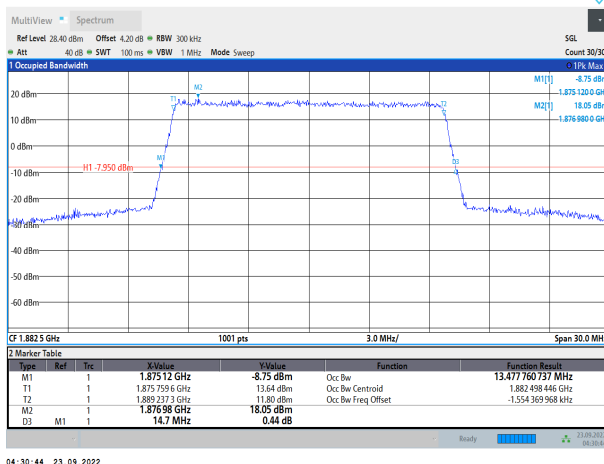
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Band25-15MHz-QPSK-26365-75RB#0



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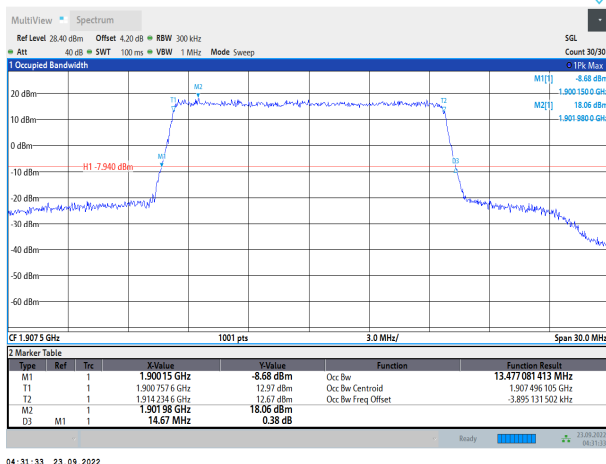
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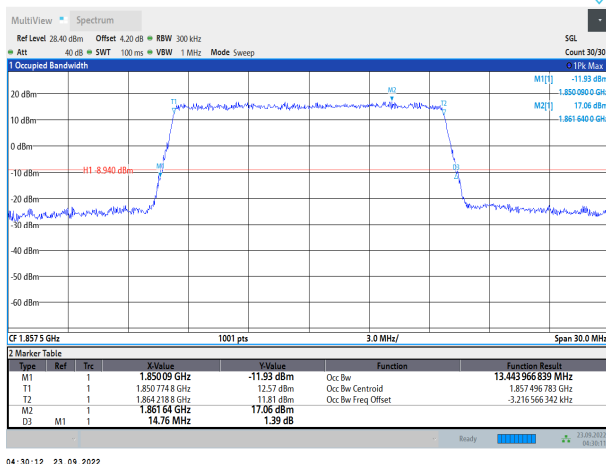
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Band25-15MHz-QPSK-26615-75RB#0



Band25-15MHz-16QAM-26115-75RB#0

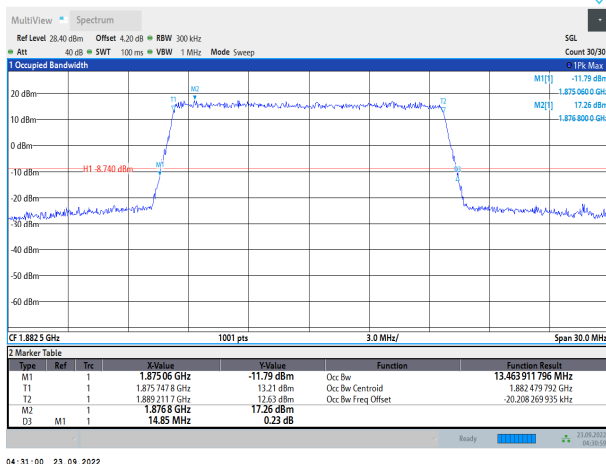


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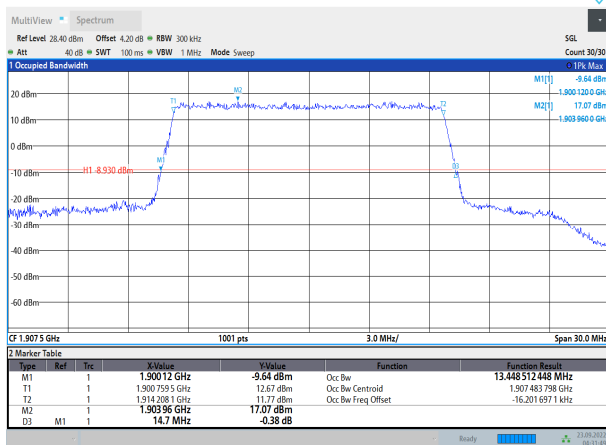
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Band25-15MHz-16QAM-26615-75RB#0



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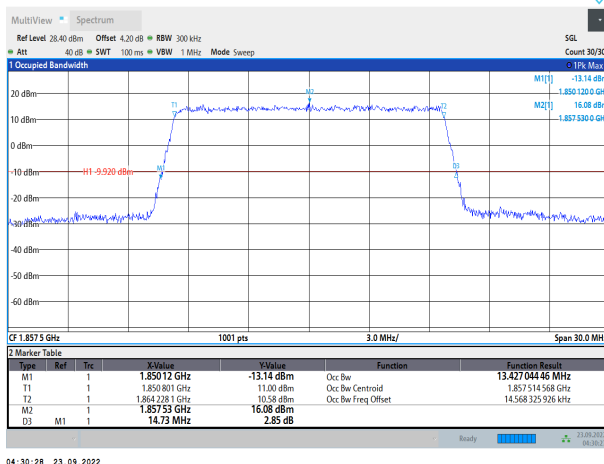
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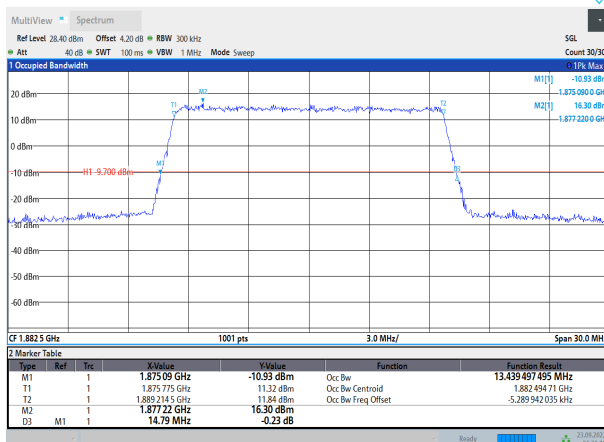
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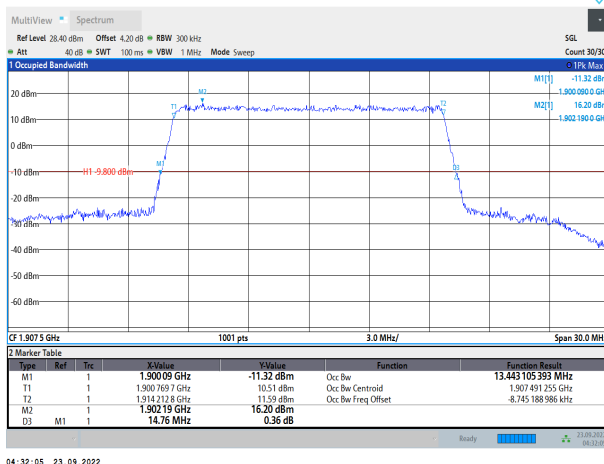
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Band25-20MHz-QPSK-26140-100RB#0

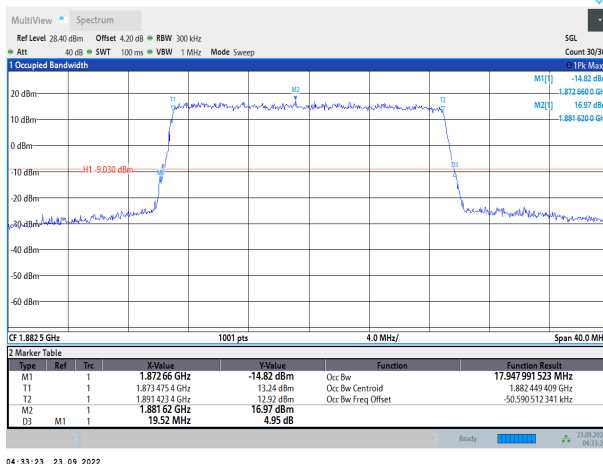


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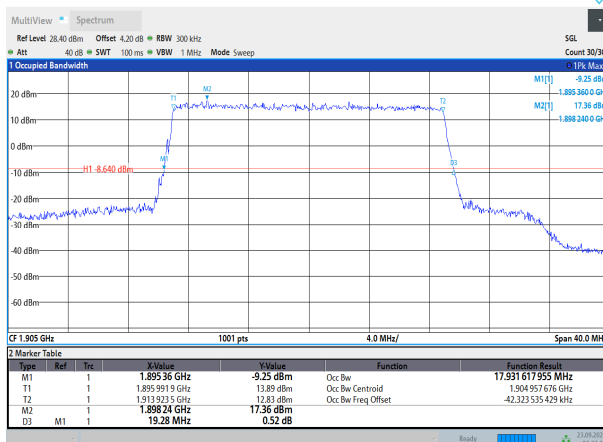
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Band25-20MHz-QPSK-26590-100RB#0



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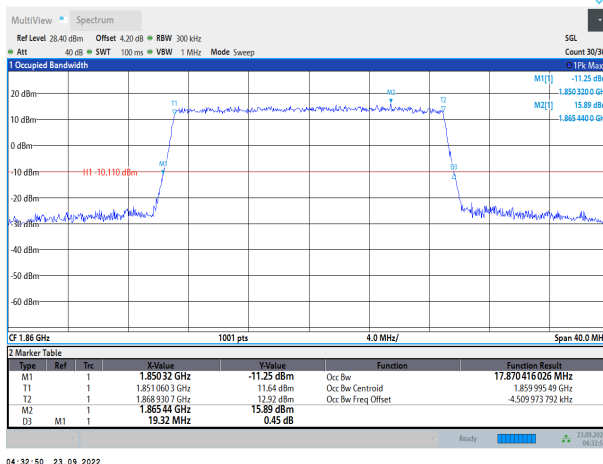
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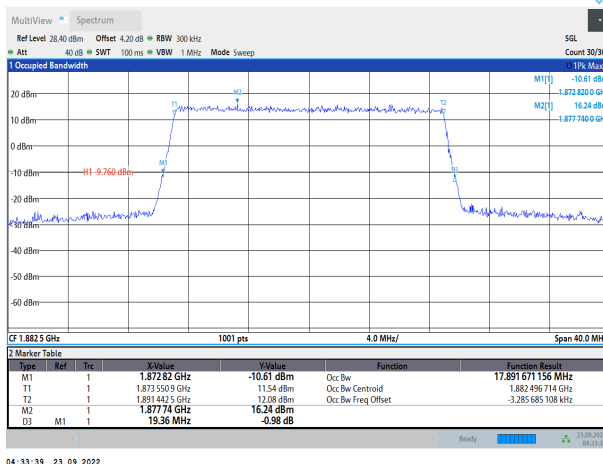
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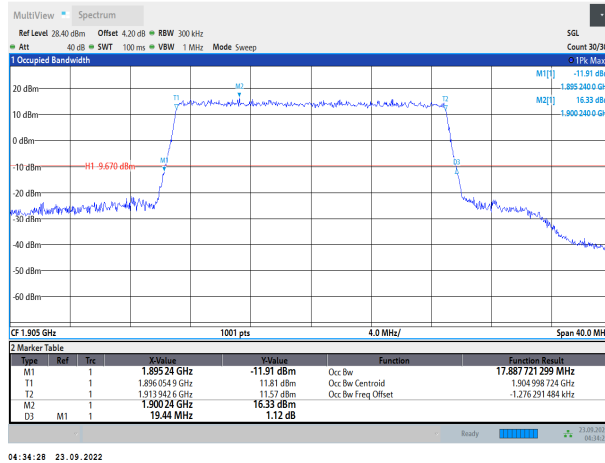
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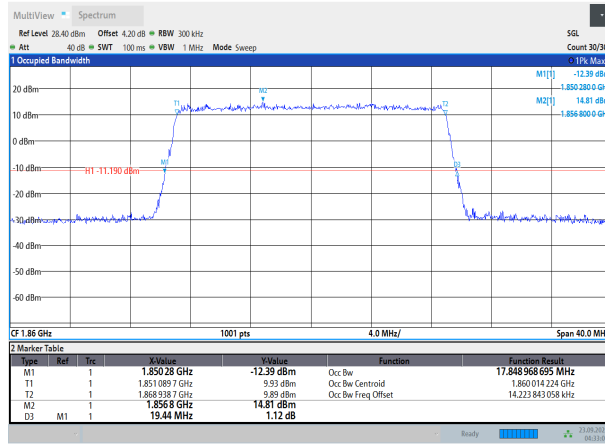
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Band25-20MHz-64QAM-26140-100RB#0



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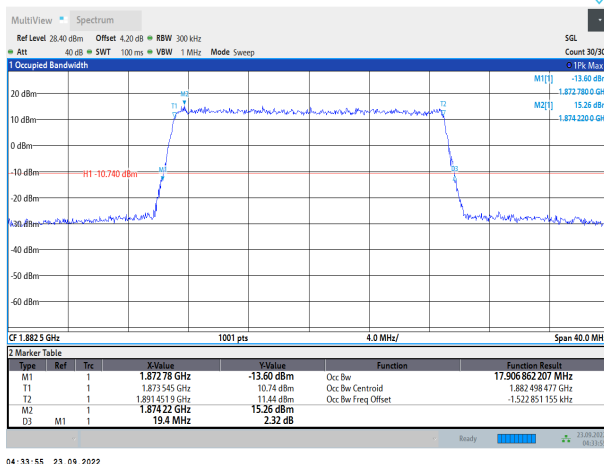
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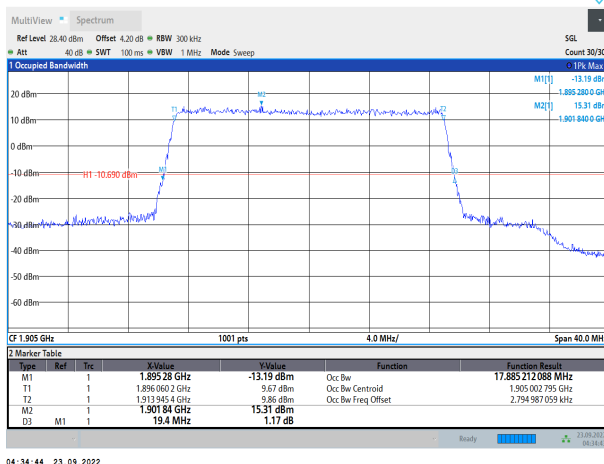
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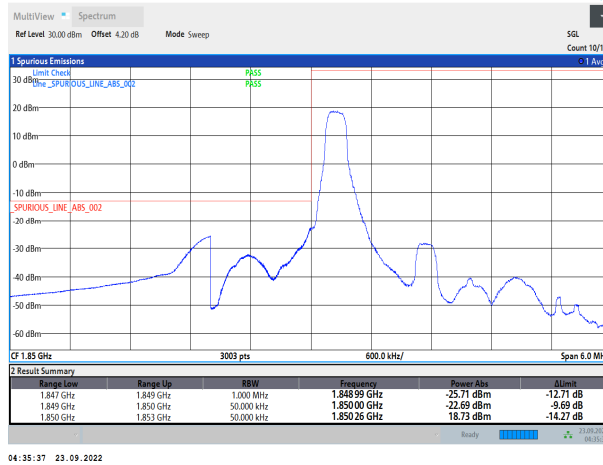
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Band Edge

Test Graphs

Band25-1.4MHz-QPSK-26047-1RB#0



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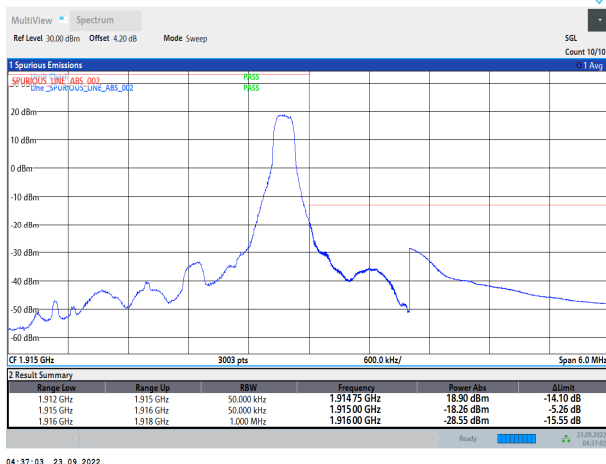


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Band25-1.4MHz-QPSK-26683-1RB#5



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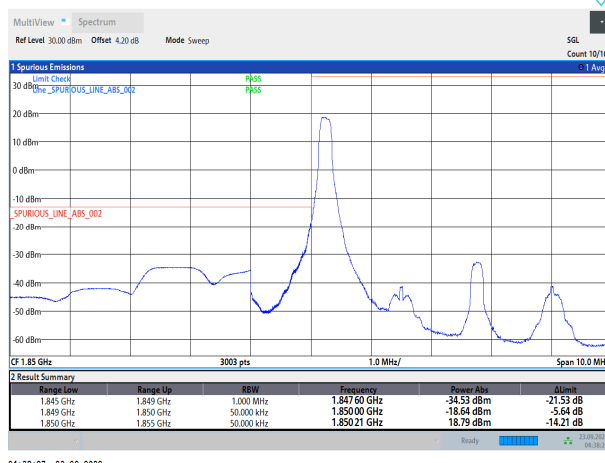
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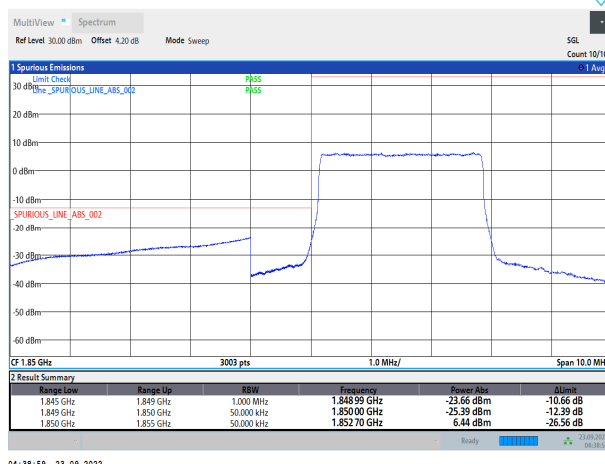
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Band25-3MHz-QPSK-26055-1RB#0



Band25-3MHz-QPSK-26055-15RB#0



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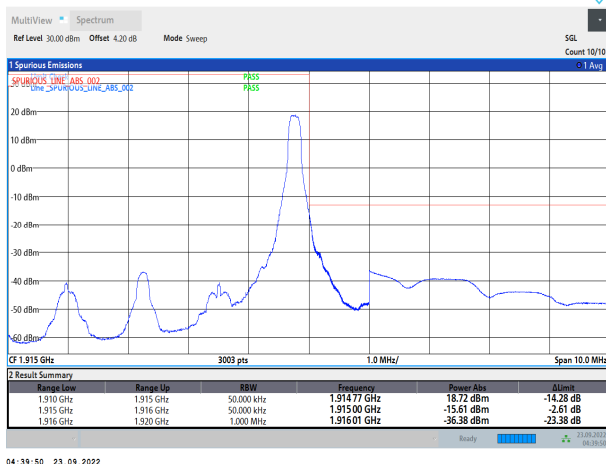
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Band25-3MHz-QPSK-26675-15RB#0

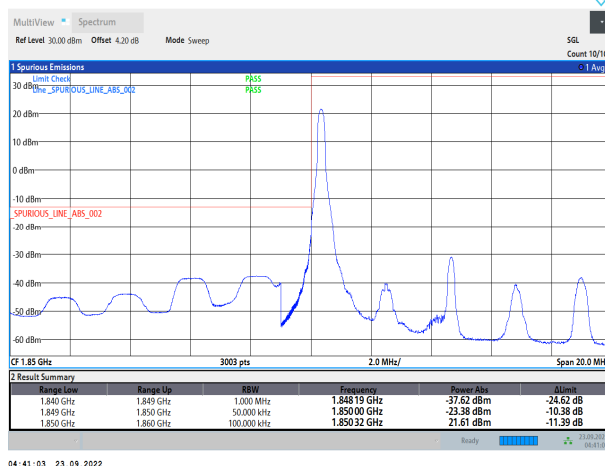


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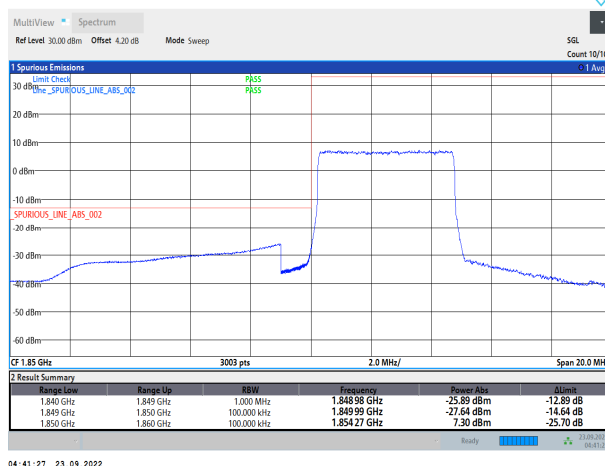
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Band25-5MHz-QPSK-26065-1RB#0



Band25-5MHz-QPSK-26065-25RB#0



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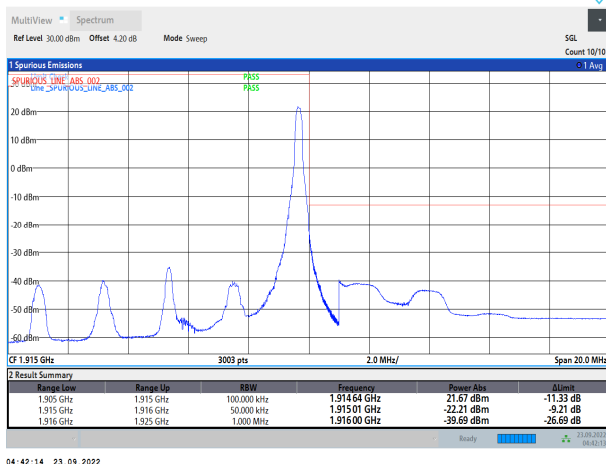
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Band25-5MHz-QPSK-26665-25RB#0



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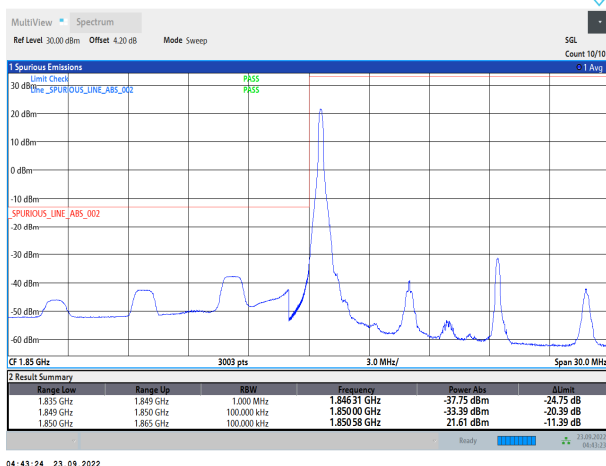
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Band25-10MHz-QPSK-26090-1RB#0



Band25-10MHz-QPSK-26090-50RB#0



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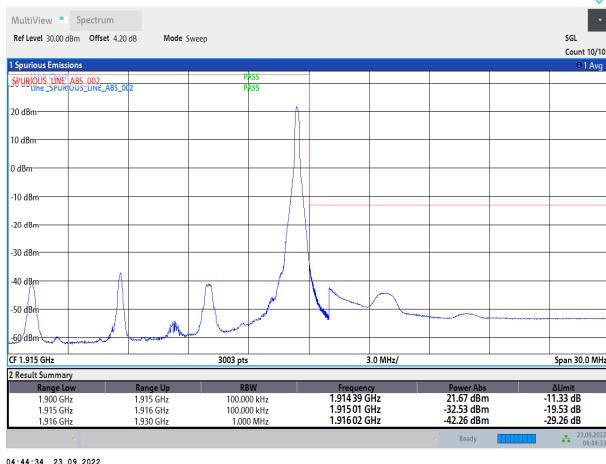
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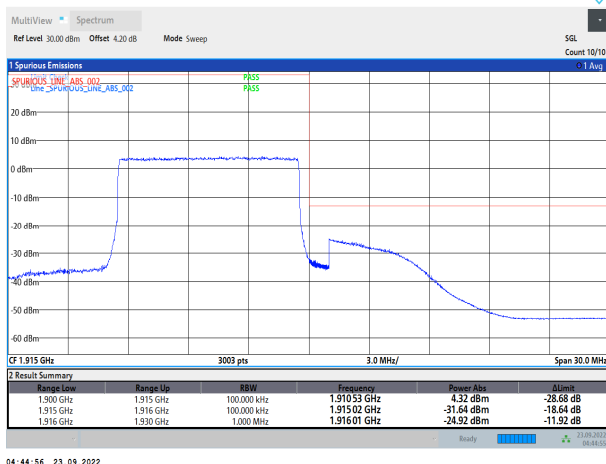
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Band25-10MHz-QPSK-26640-1RB#49



Band25-10MHz-QPSK-26640-50RB#0



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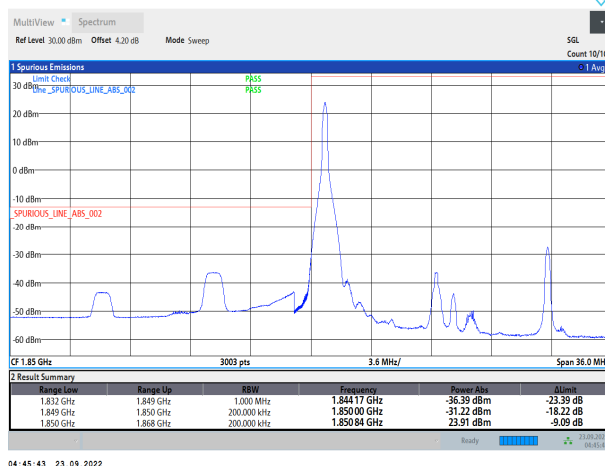
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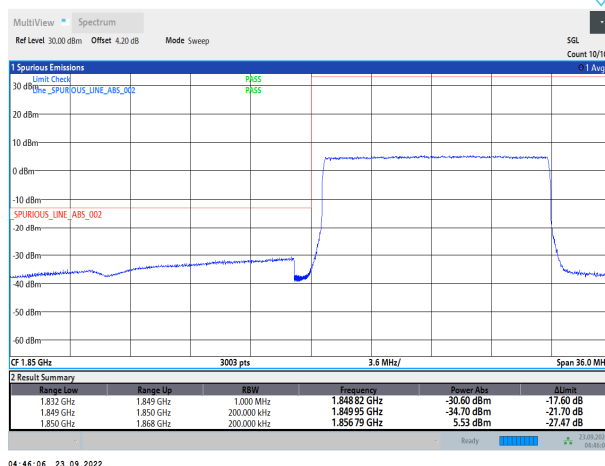
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Band25-15MHz-QPSK-26115-1RB#0



Band25-15MHz-QPSK-26115-75RB#0



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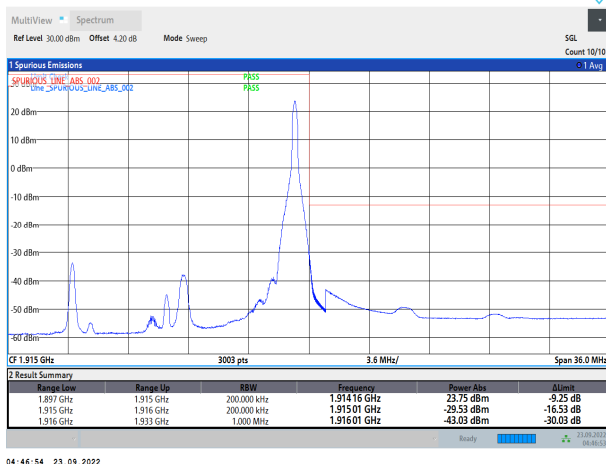
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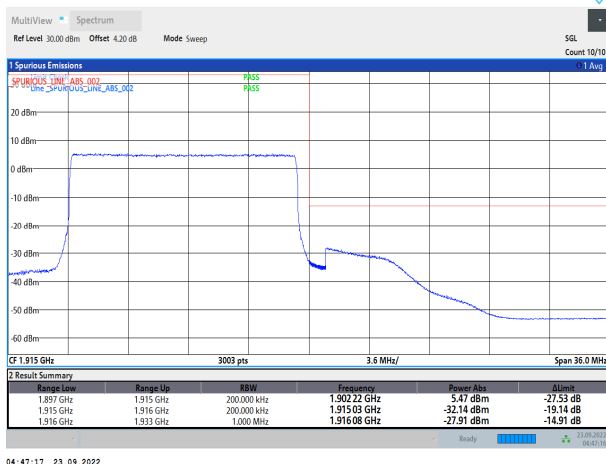
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Band25-15MHz-QPSK-26615-1RB#74



Band25-15MHz-QPSK-26615-75RB#0



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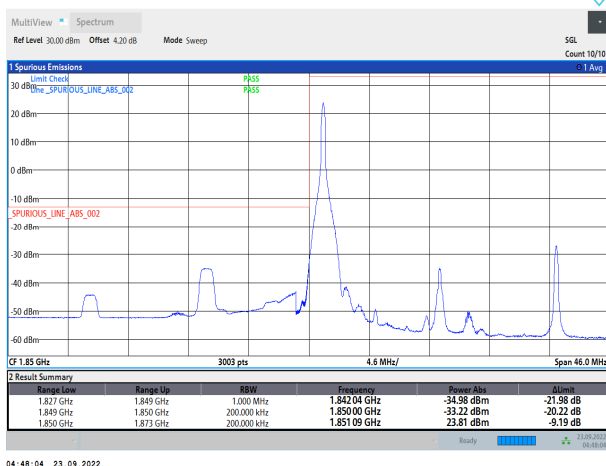
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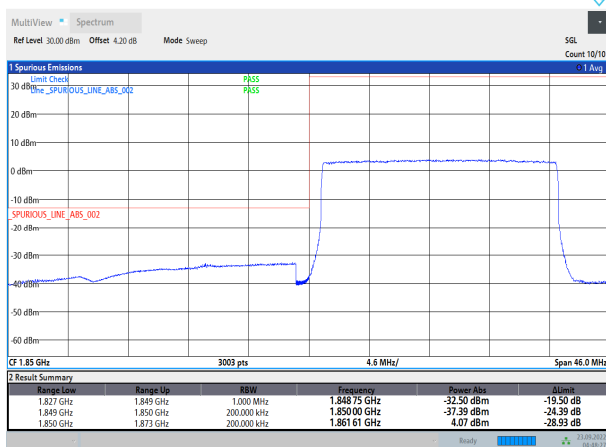
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Band25-20MHz-QPSK-26140-100RB#0



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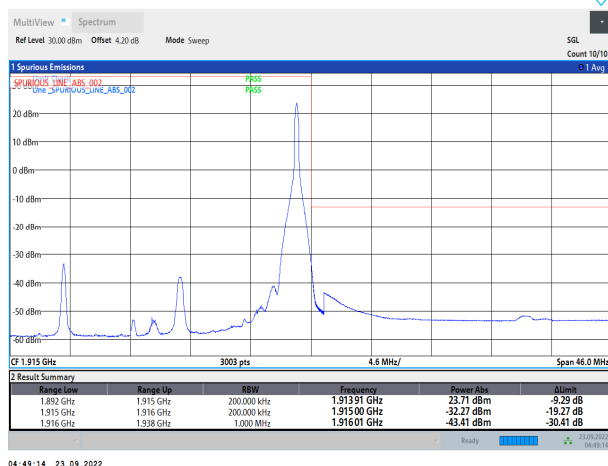
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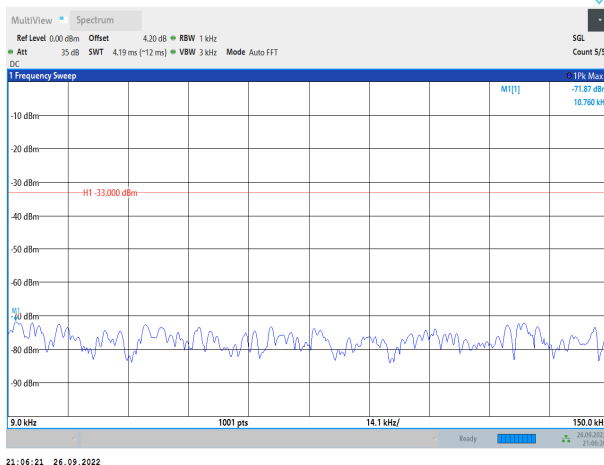
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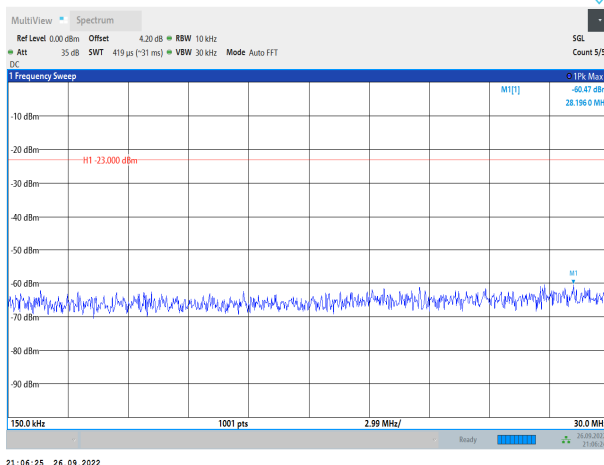
Conducted Spurious Emission

Test Graphs

Band25-20MHz-QPSK-26140-1RB#0-Range1:0.009~0.15MHz



Band25-20MHz-QPSK-26140-1RB#0-Range2:0.15~30MHz



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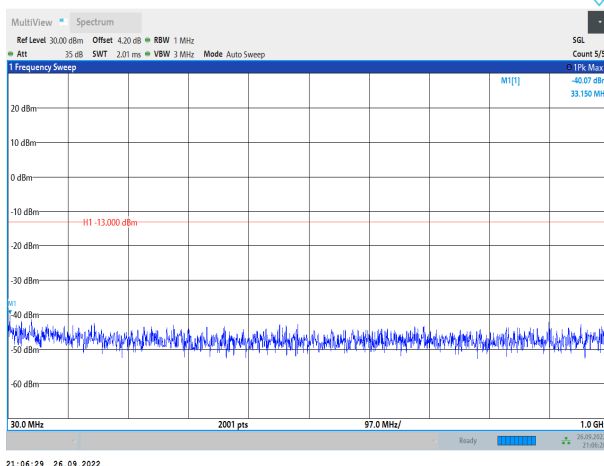
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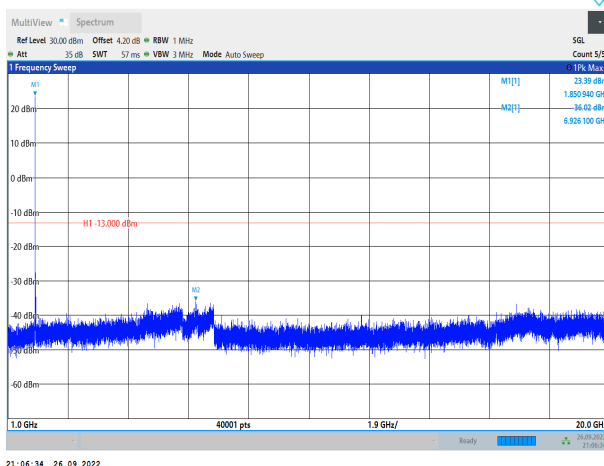
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Band25-20MHz-QPSK-26140-1RB#0-Range4:1000~20000MHz



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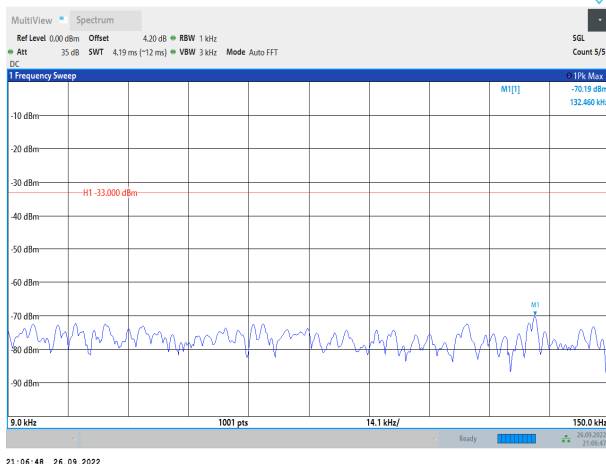
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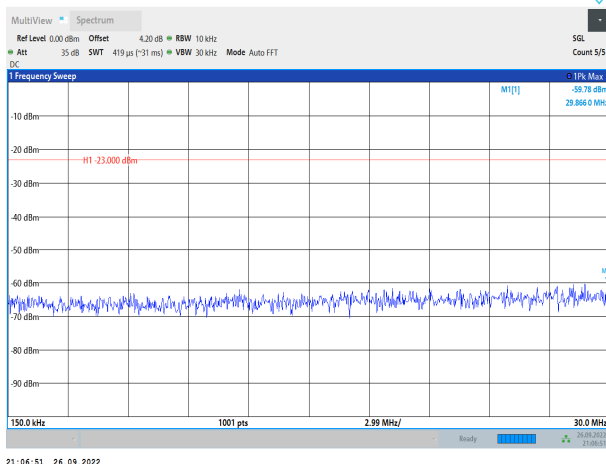
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Band25-20MHz-QPSK-26365-1RB#0-Range2:0.15~30MHz



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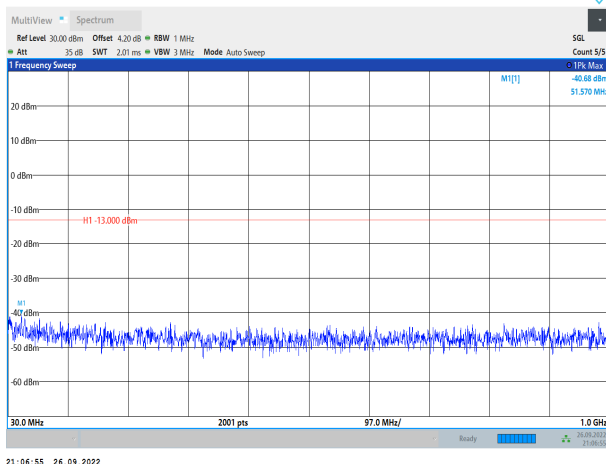
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Report No.: SEWA2208000034RG01

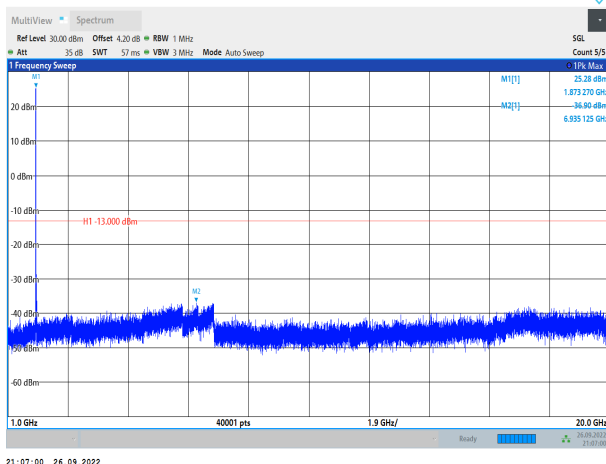
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Band25-20MHz-QPSK-26365-1RB#0-Range3:30~1000MHz



Band25-20MHz-QPSK-26365-1RB#0-Range4:1000~20000MHz



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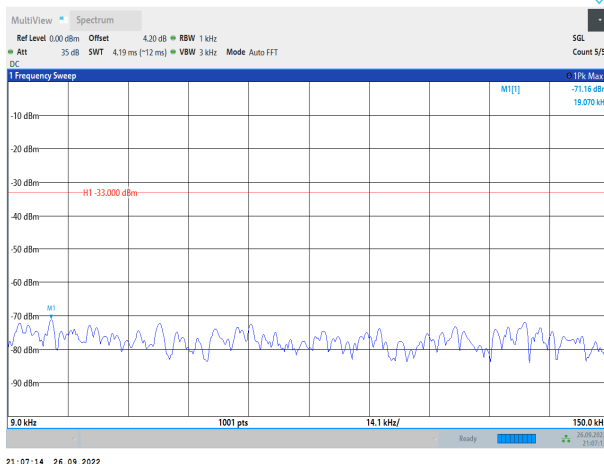
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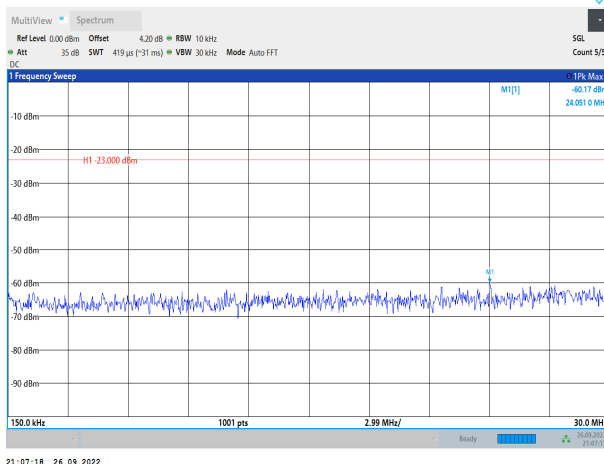
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Band25-20MHz-QPSK-26590-1RB#0-Range1:0.009~0.15MHz



Band25-20MHz-QPSK-26590-1RB#0-Range2:0.15~30MHz



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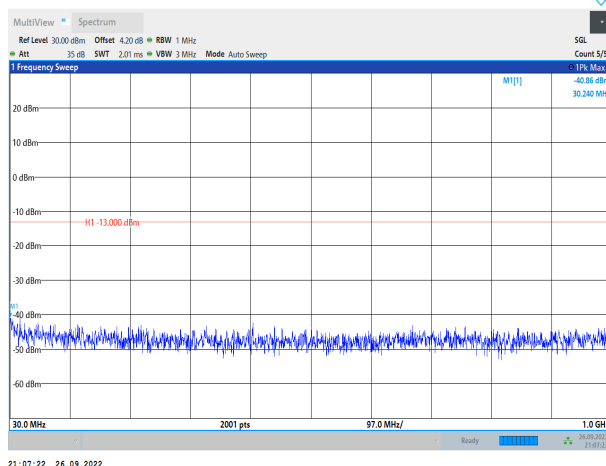
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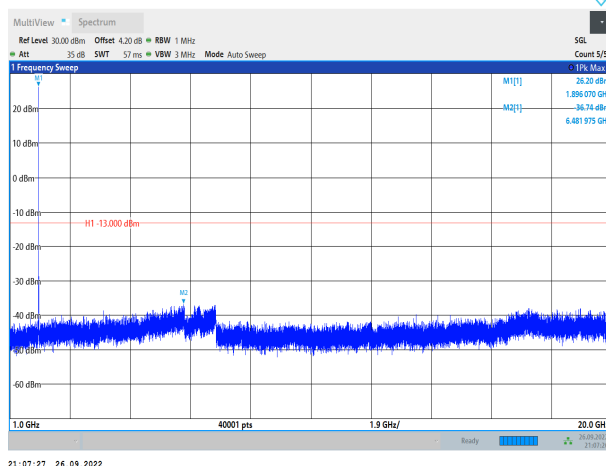
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Band25-20MHz-QPSK-26590-1RB#0-Range3:30~1000MHz



Band25-20MHz-QPSK-26590-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 25_ TM1

Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3702.1800 | 60.80 | -45.51 | 29.98 | -49.99 | -13.00 | 36.99 | 169 | 245 | Horizontal |
| 2 | 5553.2700 | 58.99 | -45.15 | 32.97 | -48.45 | -13.00 | 35.45 | 251 | 305 | Horizontal |
| 3 | 7404.3600 | 50.62 | -43.40 | 36.49 | -51.55 | -13.00 | 38.55 | 175 | 228 | Horizontal |
| 4 | 9255.4500 | 37.27 | -40.23 | 38.38 | -59.84 | -13.00 | 46.84 | 186 | 358 | Horizontal |
| 5 | 11106.5400 | 32.48 | -37.93 | 39.09 | -61.62 | -13.00 | 48.62 | 231 | 259 | Horizontal |
| 6 | 12957.6300 | 30.75 | -37.24 | 39.79 | -61.96 | -13.00 | 48.96 | 228 | 354 | 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 | 3702.1800 | 59.18 | -45.51 | 29.98 | -51.61 | -13.00 | 38.61 | 169 | 243 | Vertical |
| 2 | 5553.2700 | 68.09 | -45.15 | 32.97 | -39.35 | -13.00 | 26.35 | 214 | 106 | Vertical |
| 3 | 7404.3600 | 58.01 | -43.40 | 36.49 | -44.16 | -13.00 | 31.16 | 176 | 289 | Vertical |
| 4 | 9255.4500 | 45.11 | -40.23 | 38.38 | -52.00 | -13.00 | 39.00 | 228 | 360 | Vertical |
| 5 | 11106.5400 | 33.84 | -37.93 | 39.09 | -60.26 | -13.00 | 47.26 | 263 | 61 | Vertical |
| 6 | 12957.6300 | 31.32 | -37.24 | 39.79 | -61.39 | -13.00 | 48.39 | 174 | 347 | Vertical |



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Test Band = LTE Band 25_ TM1
Test Channel = Mid
Final Data List

| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1 | 3742.1800 | 57.71 | -45.68 | 30.12 | -53.11 | -13.00 | 40.11 | 246 | 228 | Horizontal |
| 2 | 5613.2700 | 55.56 | -45.04 | 33.07 | -51.67 | -13.00 | 38.67 | 227 | 45 | Horizontal |
| 3 | 7484.3600 | 46.11 | -43.18 | 36.45 | -55.88 | -13.00 | 42.88 | 186 | 30 | Horizontal |
| 4 | 9355.4500 | 39.62 | -40.00 | 38.46 | -57.19 | -13.00 | 44.19 | 193 | 214 | Horizontal |
| 5 | 11226.5400 | 33.86 | -37.40 | 39.11 | -59.69 | -13.00 | 46.69 | 172 | 76 | Horizontal |
| 6 | 13097.6300 | 30.17 | -37.01 | 39.87 | -62.22 | -13.00 | 49.22 | 157 | 151 | 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 | 3742.1800 | 58.41 | -45.68 | 30.12 | -52.41 | -13.00 | 39.41 | 271 | 274 | Vertical |
| 2 | 5613.2700 | 64.24 | -45.04 | 33.07 | -42.99 | -13.00 | 29.99 | 156 | 88 | Vertical |
| 3 | 7484.3600 | 54.03 | -43.18 | 36.45 | -47.96 | -13.00 | 34.96 | 193 | 260 | Vertical |
| 4 | 9355.4500 | 43.47 | -40.00 | 38.46 | -53.34 | -13.00 | 40.34 | 241 | 360 | Vertical |
| 5 | 11226.5400 | 33.70 | -37.40 | 39.11 | -59.85 | -13.00 | 46.85 | 178 | 358 | Vertical |
| 6 | 13097.6300 | 30.67 | -37.01 | 39.87 | -61.72 | -13.00 | 48.72 | 184 | 354 | Vertical |



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Test Band = LTE Band 25_ TM1
Test Channel = High
Final Data List

| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| 1 | 3792.1800 | 55.99 | -45.89 | 30.30 | -54.86 | -13.00 | 41.86 | 176 | 291 | Horizontal |
| 2 | 5688.2700 | 55.13 | -44.87 | 33.34 | -51.66 | -13.00 | 38.66 | 193 | 30 | Horizontal |
| 3 | 7584.3600 | 46.90 | -42.96 | 36.40 | -54.92 | -13.00 | 41.92 | 241 | 305 | Horizontal |
| 4 | 9480.4500 | 41.16 | -40.15 | 38.47 | -55.78 | -13.00 | 42.78 | 185 | 319 | Horizontal |
| 5 | 11376.5400 | 34.24 | -37.38 | 39.11 | -59.29 | -13.00 | 46.29 | 173 | 336 | Horizontal |
| 6 | 13272.6300 | 30.22 | -36.97 | 40.00 | -62.00 | -13.00 | 49.00 | 224 | 151 | 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 | 3792.1800 | 56.58 | -45.89 | 30.30 | -54.27 | -13.00 | 41.27 | 172 | 258 | Vertical |
| 2 | 5688.2700 | 59.53 | -44.87 | 33.34 | -47.26 | -13.00 | 34.26 | 163 | 213 | Vertical |
| 3 | 7584.3600 | 57.06 | -42.96 | 36.40 | -44.76 | -13.00 | 31.76 | 189 | 258 | Vertical |
| 4 | 9480.4500 | 45.95 | -40.15 | 38.47 | -50.99 | -13.00 | 37.99 | 224 | 136 | Vertical |
| 5 | 11376.5400 | 35.73 | -37.38 | 39.11 | -57.80 | -13.00 | 44.80 | 175 | 151 | Vertical |
| 6 | 13272.6300 | 30.99 | -36.97 | 40.00 | -61.23 | -13.00 | 48.23 | 264 | 334 | 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) - Preamp (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 |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | VL | NT | -7.20 | -0.003825 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | VN | NT | -1.40 | -0.000744 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | VH | NT | -10.50 | -0.005578 | PASS |

| Band | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
|--------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | -30 | -12.20 | -0.006481 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | -20 | -3.40 | -0.001806 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | -10 | 2.80 | 0.001487 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | 0 | -6.50 | -0.003453 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | 10 | 3.60 | 0.001912 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | 20 | -5.00 | -0.002656 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | 30 | 2.70 | 0.001434 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | 40 | -5.20 | -0.002762 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | NV | 50 | 1.60 | 0.000850 | PASS |

---End of Attachment---



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