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Appendix B.45

LTE Band 48(3550-3700)



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Effective (Isotropic) Radiated Power Output Data**Test ResultAnt6**

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm/10MHz) | EIRP (dBm/10MHz) | Limit (dBm/10MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------|------------------|-------------------|---------|
| Band48 | 5MHz | QPSK | 55265 | 1RB#0 | 21.93 | 17.64 | 23 | PASS |
| Band48 | 5MHz | QPSK | 55265 | 1RB#12 | 21.92 | 17.63 | 23 | PASS |
| Band48 | 5MHz | QPSK | 55265 | 1RB#24 | 21.97 | 17.68 | 23 | PASS |
| Band48 | 5MHz | QPSK | 55265 | 25RB#0 | 20.89 | 16.6 | 23 | PASS |
| Band48 | 5MHz | QPSK | 55990 | 1RB#0 | 21.69 | 17.4 | 23 | PASS |
| Band48 | 5MHz | QPSK | 55990 | 1RB#12 | 21.71 | 17.42 | 23 | PASS |
| Band48 | 5MHz | QPSK | 55990 | 1RB#24 | 21.71 | 17.42 | 23 | PASS |
| Band48 | 5MHz | QPSK | 55990 | 25RB#0 | 20.82 | 16.53 | 23 | PASS |
| Band48 | 5MHz | QPSK | 56715 | 1RB#0 | 21.77 | 17.48 | 23 | PASS |
| Band48 | 5MHz | QPSK | 56715 | 1RB#12 | 21.8 | 17.51 | 23 | PASS |
| Band48 | 5MHz | QPSK | 56715 | 1RB#24 | 21.8 | 17.51 | 23 | PASS |
| Band48 | 5MHz | QPSK | 56715 | 25RB#0 | 20.78 | 16.49 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55265 | 1RB#0 | 21.14 | 16.85 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55265 | 1RB#12 | 21.06 | 16.77 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55265 | 1RB#24 | 21.13 | 16.84 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55265 | 25RB#0 | 20.06 | 15.77 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55990 | 1RB#0 | 20.94 | 16.65 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55990 | 1RB#12 | 20.91 | 16.62 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55990 | 1RB#24 | 20.8 | 16.51 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 55990 | 25RB#0 | 19.99 | 15.7 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 56715 | 1RB#0 | 20.76 | 16.47 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 56715 | 1RB#12 | 20.76 | 16.47 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 56715 | 1RB#24 | 20.71 | 16.42 | 23 | PASS |
| Band48 | 5MHz | 16QAM | 56715 | 25RB#0 | 20.11 | 15.82 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 55265 | 1RB#0 | 19.66 | 15.37 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 55265 | 1RB#12 | 19.92 | 15.63 | 23 | PASS |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band48 | 5MHz | 64QAM | 55265 | 1RB#24 | 19.92 | 15.63 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 55265 | 25RB#0 | 19 | 14.71 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 55990 | 1RB#0 | 19.67 | 15.38 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 55990 | 1RB#12 | 19.6 | 15.31 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 55990 | 1RB#24 | 19.71 | 15.42 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 55990 | 25RB#0 | 18.96 | 14.67 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 56715 | 1RB#0 | 19.79 | 15.5 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 56715 | 1RB#12 | 19.71 | 15.42 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 56715 | 1RB#24 | 19.74 | 15.45 | 23 | PASS |
| Band48 | 5MHz | 64QAM | 56715 | 25RB#0 | 19.07 | 14.78 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55265 | 1RB#0 | 16.97 | 12.68 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55265 | 1RB#12 | 16.93 | 12.64 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55265 | 1RB#24 | 16.89 | 12.6 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55265 | 25RB#0 | 17.03 | 12.74 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55990 | 1RB#0 | 16.89 | 12.6 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55990 | 1RB#12 | 16.72 | 12.43 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55990 | 1RB#24 | 16.92 | 12.63 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 55990 | 25RB#0 | 16.96 | 12.67 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 56715 | 1RB#0 | 16.93 | 12.64 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 56715 | 1RB#12 | 16.88 | 12.59 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 56715 | 1RB#24 | 16.87 | 12.58 | 23 | PASS |
| Band48 | 5MHz | 256QAM | 56715 | 25RB#0 | 17 | 12.71 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55290 | 1RB#0 | 22.09 | 17.8 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55290 | 1RB#24 | 22.13 | 17.84 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55290 | 1RB#49 | 22.01 | 17.72 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55290 | 50RB#0 | 20.91 | 16.62 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55990 | 1RB#0 | 21.96 | 17.67 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55990 | 1RB#24 | 21.86 | 17.57 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55990 | 1RB#49 | 21.82 | 17.53 | 23 | PASS |
| Band48 | 10MHz | QPSK | 55990 | 50RB#0 | 20.87 | 16.58 | 23 | PASS |
| Band48 | 10MHz | QPSK | 56690 | 1RB#0 | 21.72 | 17.43 | 23 | PASS |
| Band48 | 10MHz | QPSK | 56690 | 1RB#24 | 21.75 | 17.46 | 23 | PASS |



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|--------|-------|--------|-------|--------|-------|-------|----|------|
| Band48 | 10MHz | QPSK | 56690 | 1RB#49 | 21.74 | 17.45 | 23 | PASS |
| Band48 | 10MHz | QPSK | 56690 | 50RB#0 | 20.77 | 16.48 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55290 | 1RB#0 | 21.02 | 16.73 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55290 | 1RB#24 | 21.05 | 16.76 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55290 | 1RB#49 | 21.23 | 16.94 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55290 | 50RB#0 | 20.31 | 16.02 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55990 | 1RB#0 | 20.94 | 16.65 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55990 | 1RB#24 | 20.87 | 16.58 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55990 | 1RB#49 | 20.85 | 16.56 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 55990 | 50RB#0 | 20.11 | 15.82 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 56690 | 1RB#0 | 20.88 | 16.59 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 56690 | 1RB#24 | 20.82 | 16.53 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 56690 | 1RB#49 | 20.79 | 16.5 | 23 | PASS |
| Band48 | 10MHz | 16QAM | 56690 | 50RB#0 | 20.02 | 15.73 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55290 | 1RB#0 | 19.9 | 15.61 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55290 | 1RB#24 | 19.75 | 15.46 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55290 | 1RB#49 | 19.84 | 15.55 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55290 | 50RB#0 | 19.19 | 14.9 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55990 | 1RB#0 | 19.76 | 15.47 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55990 | 1RB#24 | 19.67 | 15.38 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55990 | 1RB#49 | 19.69 | 15.4 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 55990 | 50RB#0 | 19 | 14.71 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 56690 | 1RB#0 | 19.7 | 15.41 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 56690 | 1RB#24 | 19.85 | 15.56 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 56690 | 1RB#49 | 19.64 | 15.35 | 23 | PASS |
| Band48 | 10MHz | 64QAM | 56690 | 50RB#0 | 19.13 | 14.84 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 55290 | 1RB#0 | 16.9 | 12.61 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 55290 | 1RB#24 | 17.01 | 12.72 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 55290 | 1RB#49 | 17 | 12.71 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 55290 | 50RB#0 | 17.22 | 12.93 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 55990 | 1RB#0 | 16.94 | 12.65 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 55990 | 1RB#24 | 16.92 | 12.63 | 23 | PASS |



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| Band48 | 10MHz | 256QAM | 55990 | 1RB#49 | 17 | 12.71 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 55990 | 50RB#0 | 17.11 | 12.82 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 56690 | 1RB#0 | 16.89 | 12.6 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 56690 | 1RB#24 | 16.99 | 12.7 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 56690 | 1RB#49 | 16.9 | 12.61 | 23 | PASS |
| Band48 | 10MHz | 256QAM | 56690 | 50RB#0 | 17 | 12.71 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55315 | 1RB#0 | 21.88 | 17.59 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55315 | 1RB#38 | 22.08 | 17.79 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55315 | 1RB#74 | 22.05 | 17.76 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55315 | 75RB#0 | 20.91 | 16.62 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55990 | 1RB#0 | 21.63 | 17.34 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55990 | 1RB#38 | 21.77 | 17.48 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55990 | 1RB#74 | 21.8 | 17.51 | 23 | PASS |
| Band48 | 15MHz | QPSK | 55990 | 75RB#0 | 20.69 | 16.4 | 23 | PASS |
| Band48 | 15MHz | QPSK | 56665 | 1RB#0 | 21.61 | 17.32 | 23 | PASS |
| Band48 | 15MHz | QPSK | 56665 | 1RB#38 | 21.64 | 17.35 | 23 | PASS |
| Band48 | 15MHz | QPSK | 56665 | 1RB#74 | 21.8 | 17.51 | 23 | PASS |
| Band48 | 15MHz | QPSK | 56665 | 75RB#0 | 20.66 | 16.37 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55315 | 1RB#0 | 20.97 | 16.68 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55315 | 1RB#38 | 20.95 | 16.66 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55315 | 1RB#74 | 21.08 | 16.79 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55315 | 75RB#0 | 20.25 | 15.96 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55990 | 1RB#0 | 20.78 | 16.49 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55990 | 1RB#38 | 20.79 | 16.5 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55990 | 1RB#74 | 20.8 | 16.51 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 55990 | 75RB#0 | 19.99 | 15.7 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 56665 | 1RB#0 | 20.78 | 16.49 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 56665 | 1RB#38 | 20.82 | 16.53 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 56665 | 1RB#74 | 20.82 | 16.53 | 23 | PASS |
| Band48 | 15MHz | 16QAM | 56665 | 75RB#0 | 20.05 | 15.76 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 55315 | 1RB#0 | 19.67 | 15.38 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 55315 | 1RB#38 | 19.9 | 15.61 | 23 | PASS |



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| Band48 | 15MHz | 64QAM | 55315 | 1RB#74 | 19.93 | 15.64 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 55315 | 75RB#0 | 19.26 | 14.97 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 55990 | 1RB#0 | 19.71 | 15.42 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 55990 | 1RB#38 | 19.73 | 15.44 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 55990 | 1RB#74 | 19.75 | 15.46 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 55990 | 75RB#0 | 19.13 | 14.84 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 56665 | 1RB#0 | 19.66 | 15.37 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 56665 | 1RB#38 | 19.72 | 15.43 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 56665 | 1RB#74 | 19.69 | 15.4 | 23 | PASS |
| Band48 | 15MHz | 64QAM | 56665 | 75RB#0 | 19.06 | 14.77 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55315 | 1RB#0 | 16.97 | 12.68 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55315 | 1RB#38 | 17.04 | 12.75 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55315 | 1RB#74 | 16.95 | 12.66 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55315 | 75RB#0 | 17.03 | 12.74 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55990 | 1RB#0 | 16.65 | 12.36 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55990 | 1RB#38 | 16.91 | 12.62 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55990 | 1RB#74 | 16.82 | 12.53 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 55990 | 75RB#0 | 16.99 | 12.7 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 56665 | 1RB#0 | 16.68 | 12.39 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 56665 | 1RB#38 | 16.8 | 12.51 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 56665 | 1RB#74 | 16.89 | 12.6 | 23 | PASS |
| Band48 | 15MHz | 256QAM | 56665 | 75RB#0 | 17.14 | 12.85 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55340 | 1RB#0 | 21.97 | 17.68 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55340 | 1RB#49 | 21.93 | 17.64 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55340 | 1RB#99 | 21.98 | 17.69 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55340 | 100RB#0 | 20.99 | 16.7 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55990 | 1RB#0 | 21.47 | 17.18 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55990 | 1RB#49 | 21.83 | 17.54 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55990 | 1RB#99 | 21.8 | 17.51 | 23 | PASS |
| Band48 | 20MHz | QPSK | 55990 | 100RB#0 | 20.81 | 16.52 | 23 | PASS |
| Band48 | 20MHz | QPSK | 56640 | 1RB#0 | 21.62 | 17.33 | 23 | PASS |
| Band48 | 20MHz | QPSK | 56640 | 1RB#49 | 21.63 | 17.34 | 23 | PASS |



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| | | | | | | | | |
|--------|-------|--------|-------|---------|-------|-------|----|------|
| Band48 | 20MHz | QPSK | 56640 | 1RB#99 | 21.74 | 17.45 | 23 | PASS |
| Band48 | 20MHz | QPSK | 56640 | 100RB#0 | 20.85 | 16.56 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55340 | 1RB#0 | 20.97 | 16.68 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55340 | 1RB#49 | 21 | 16.71 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55340 | 1RB#99 | 21.28 | 16.99 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55340 | 100RB#0 | 20.26 | 15.97 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55990 | 1RB#0 | 20.69 | 16.4 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55990 | 1RB#49 | 20.66 | 16.37 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55990 | 1RB#99 | 20.9 | 16.61 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 55990 | 100RB#0 | 20.15 | 15.86 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 56640 | 1RB#0 | 20.69 | 16.4 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 56640 | 1RB#49 | 20.86 | 16.57 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 56640 | 1RB#99 | 20.82 | 16.53 | 23 | PASS |
| Band48 | 20MHz | 16QAM | 56640 | 100RB#0 | 20.03 | 15.74 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55340 | 1RB#0 | 19.74 | 15.45 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55340 | 1RB#49 | 19.9 | 15.61 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55340 | 1RB#99 | 19.77 | 15.48 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55340 | 100RB#0 | 19.2 | 14.91 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55990 | 1RB#0 | 19.58 | 15.29 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55990 | 1RB#49 | 19.71 | 15.42 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55990 | 1RB#99 | 19.75 | 15.46 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 55990 | 100RB#0 | 19.06 | 14.77 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 56640 | 1RB#0 | 19.67 | 15.38 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 56640 | 1RB#49 | 19.71 | 15.42 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 56640 | 1RB#99 | 19.8 | 15.51 | 23 | PASS |
| Band48 | 20MHz | 64QAM | 56640 | 100RB#0 | 19.1 | 14.81 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 55340 | 1RB#0 | 16.91 | 12.62 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 55340 | 1RB#49 | 17.01 | 12.72 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 55340 | 1RB#99 | 17.08 | 12.79 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 55340 | 100RB#0 | 17.14 | 12.85 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 55990 | 1RB#0 | 16.8 | 12.51 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 55990 | 1RB#49 | 16.82 | 12.53 | 23 | PASS |



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|--------|-------|--------|-------|---------|-------|-------|----|------|
| Band48 | 20MHz | 256QAM | 55990 | 1RB#99 | 16.92 | 12.63 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 55990 | 100RB#0 | 16.95 | 12.66 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 56640 | 1RB#0 | 16.86 | 12.57 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 56640 | 1RB#49 | 16.72 | 12.43 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 56640 | 1RB#99 | 16.94 | 12.65 | 23 | PASS |
| Band48 | 20MHz | 256QAM | 56640 | 100RB#0 | 17.09 | 12.8 | 23 | PASS |



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Peak-to-Average Ratio(CCDF)

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band48 | 20MHz | QPSK | 55340 | 100RB#0 | 7.62 | 13 | PASS |
| Band48 | 20MHz | QPSK | 55990 | 100RB#0 | 9.10 | 13 | PASS |
| Band48 | 20MHz | QPSK | 56640 | 100RB#0 | 9.22 | 13 | PASS |
| Band48 | 20MHz | 16QAM | 55340 | 100RB#0 | 8.36 | 13 | PASS |
| Band48 | 20MHz | 16QAM | 55990 | 100RB#0 | 8.18 | 13 | PASS |
| Band48 | 20MHz | 16QAM | 56640 | 100RB#0 | 8.18 | 13 | PASS |
| Band48 | 20MHz | 64QAM | 55340 | 100RB#0 | 8.44 | 13 | PASS |
| Band48 | 20MHz | 64QAM | 55990 | 100RB#0 | 8.46 | 13 | PASS |
| Band48 | 20MHz | 64QAM | 56640 | 100RB#0 | 8.60 | 13 | PASS |
| Band48 | 20MHz | 256QAM | 55340 | 100RB#0 | 8.58 | 13 | PASS |
| Band48 | 20MHz | 256QAM | 55990 | 100RB#0 | 8.66 | 13 | PASS |
| Band48 | 20MHz | 256QAM | 56640 | 100RB#0 | 8.62 | 13 | PASS |



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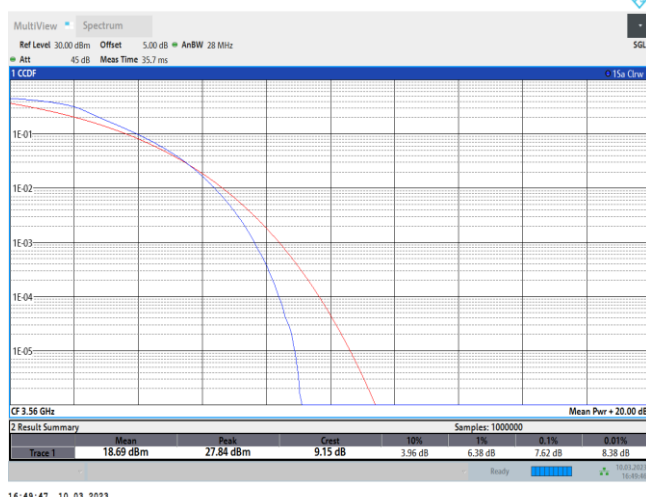
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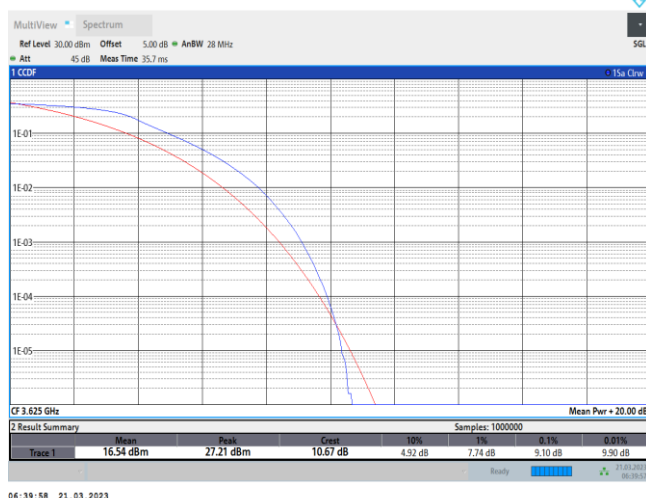
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Test Graphs

Band48-20MHz-QPSK-55340-100RB#0



Band48-20MHz-QPSK-55990-100RB#0



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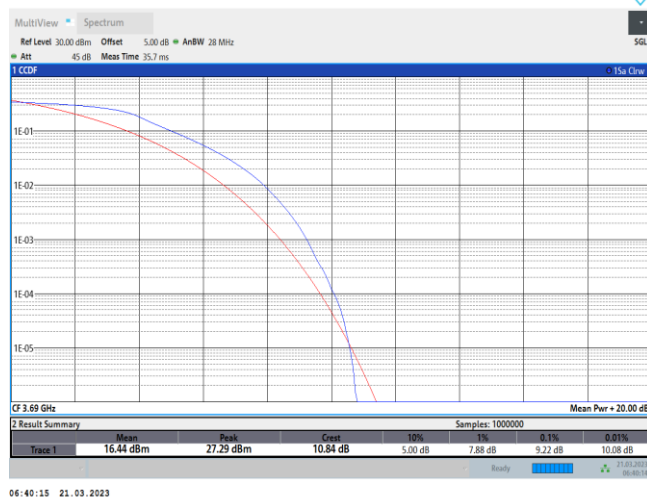
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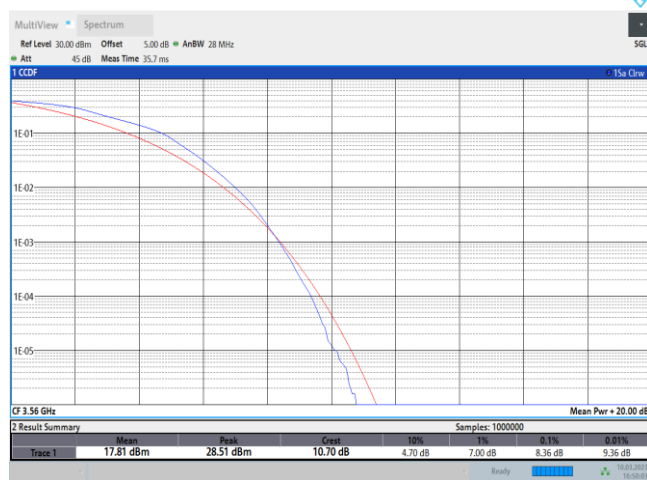
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Band48-20MHz-QPSK-56640-100RB#0



06:40:15 21.03.2023

Band48-20MHz-16QAM-55340-100RB#0



16:50:03 10.03.2023



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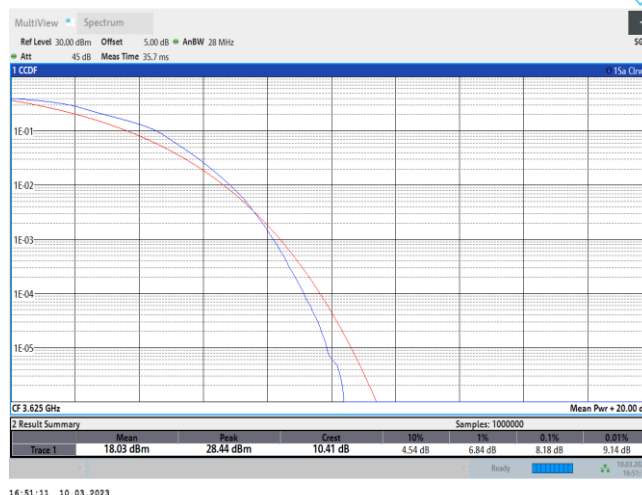
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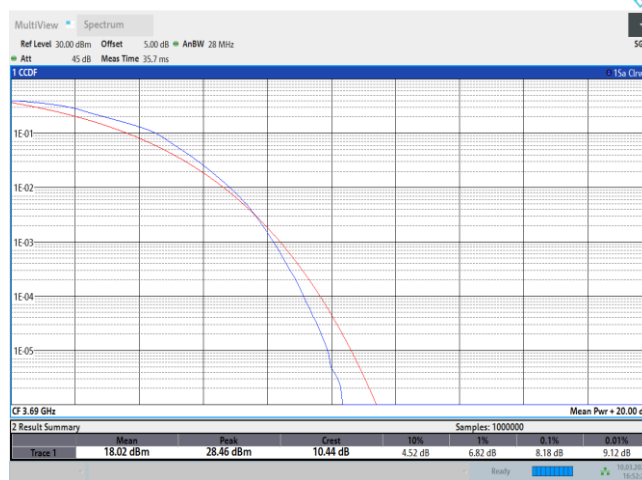
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Band48-20MHz-16QAM-55990-100RB#0



16:51:11 10.03.2023

Band48-20MHz-16QAM-56640-100RB#0



16:52:23 10.03.2023



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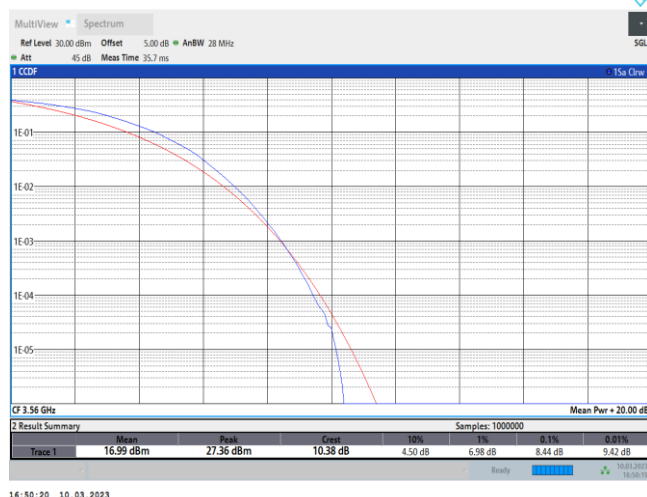
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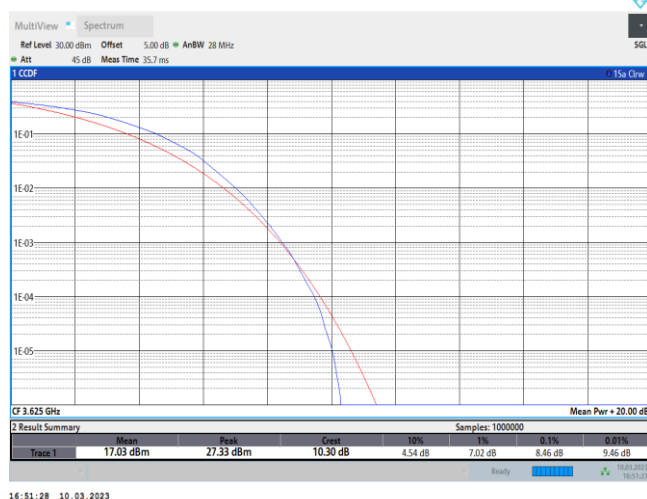
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Band48-20MHz-64QAM-55340-100RB#0



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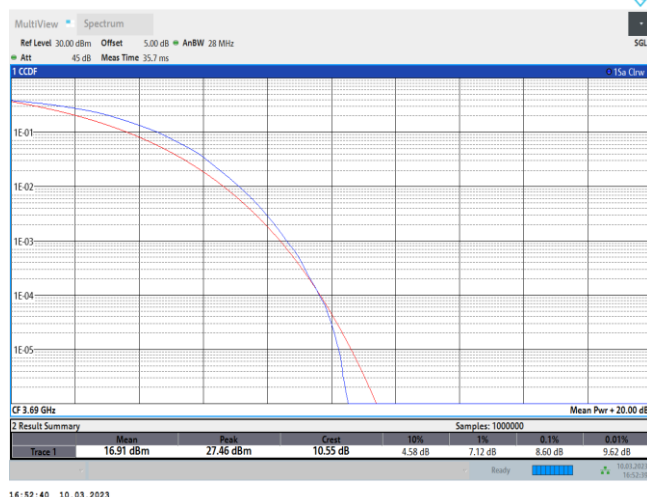
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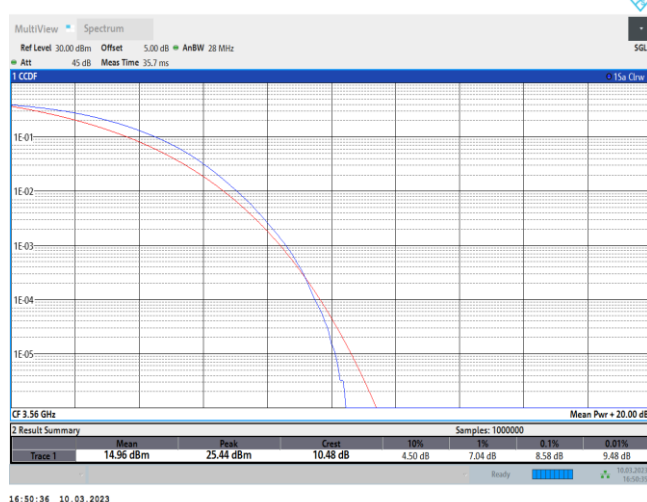
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Band48-20MHz-64QAM-56640-100RB#0



Band48-20MHz-256QAM-55340-100RB#0



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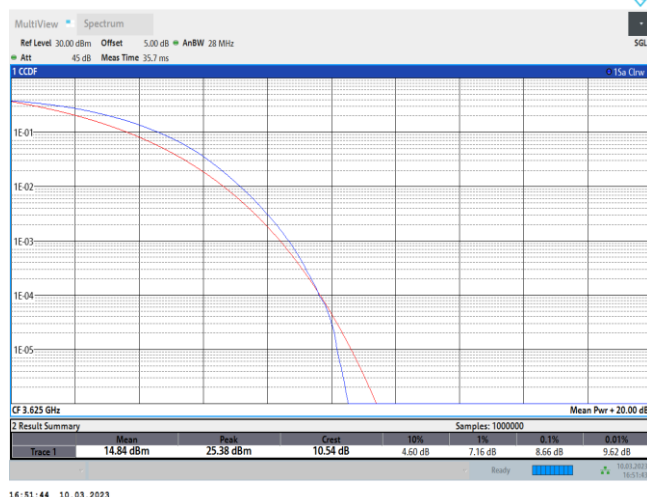
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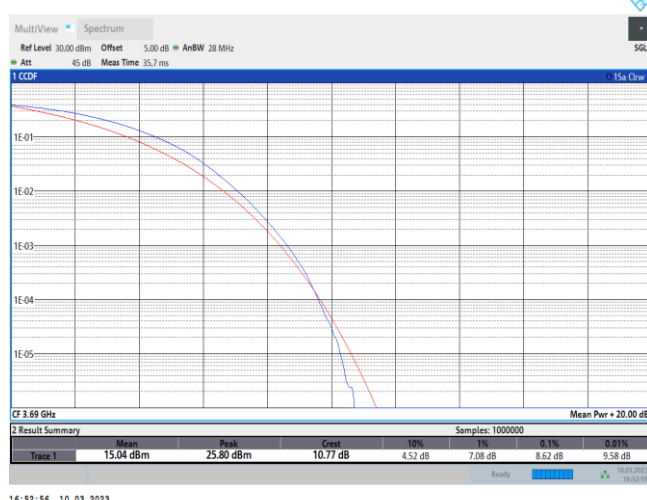
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Band48-20MHz-256QAM-55990-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band48 | 5MHz | QPSK | 55265 | 25RB#0 | 4.479 | 5.04 | PASS |
| Band48 | 5MHz | QPSK | 55990 | 25RB#0 | 4.479 | 5.06 | PASS |
| Band48 | 5MHz | QPSK | 56715 | 25RB#0 | 4.482 | 5.09 | PASS |
| Band48 | 5MHz | 16QAM | 55265 | 25RB#0 | 4.493 | 5.14 | PASS |
| Band48 | 5MHz | 16QAM | 55990 | 25RB#0 | 4.494 | 5.13 | PASS |
| Band48 | 5MHz | 16QAM | 56715 | 25RB#0 | 4.488 | 5.20 | PASS |
| Band48 | 5MHz | 64QAM | 55265 | 25RB#0 | 4.504 | 5.04 | PASS |
| Band48 | 5MHz | 64QAM | 55990 | 25RB#0 | 4.507 | 5.03 | PASS |
| Band48 | 5MHz | 64QAM | 56715 | 25RB#0 | 4.503 | 5.04 | PASS |
| Band48 | 5MHz | 256QAM | 55265 | 25RB#0 | 4.482 | 5.22 | PASS |
| Band48 | 5MHz | 256QAM | 55990 | 25RB#0 | 4.483 | 5.15 | PASS |
| Band48 | 5MHz | 256QAM | 56715 | 25RB#0 | 4.486 | 5.17 | PASS |
| Band48 | 10MHz | QPSK | 55290 | 50RB#0 | 8.968 | 9.90 | PASS |
| Band48 | 10MHz | QPSK | 55990 | 50RB#0 | 8.975 | 9.90 | PASS |
| Band48 | 10MHz | QPSK | 56690 | 50RB#0 | 8.984 | 9.87 | PASS |
| Band48 | 10MHz | 16QAM | 55290 | 50RB#0 | 8.978 | 9.90 | PASS |
| Band48 | 10MHz | 16QAM | 55990 | 50RB#0 | 8.964 | 9.90 | PASS |
| Band48 | 10MHz | 16QAM | 56690 | 50RB#0 | 8.948 | 9.83 | PASS |
| Band48 | 10MHz | 64QAM | 55290 | 50RB#0 | 8.995 | 10.30 | PASS |
| Band48 | 10MHz | 64QAM | 55990 | 50RB#0 | 9 | 10.27 | PASS |
| Band48 | 10MHz | 64QAM | 56690 | 50RB#0 | 9.007 | 10.30 | PASS |
| Band48 | 10MHz | 256QAM | 55290 | 50RB#0 | 8.974 | 9.90 | PASS |
| Band48 | 10MHz | 256QAM | 55990 | 50RB#0 | 8.977 | 9.87 | PASS |
| Band48 | 10MHz | 256QAM | 56690 | 50RB#0 | 8.978 | 9.87 | PASS |
| Band48 | 15MHz | QPSK | 55315 | 75RB#0 | 13.479 | 16.00 | PASS |
| Band48 | 15MHz | QPSK | 55990 | 75RB#0 | 13.489 | 15.85 | PASS |
| Band48 | 15MHz | QPSK | 56665 | 75RB#0 | 13.485 | 15.65 | PASS |
| Band48 | 15MHz | 16QAM | 55315 | 75RB#0 | 13.465 | 14.70 | PASS |
| Band48 | 15MHz | 16QAM | 55990 | 75RB#0 | 13.495 | 14.70 | PASS |



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| | | | | | | | |
|--------|-------|--------|-------|---------|--------|-------|------|
| Band48 | 15MHz | 16QAM | 56665 | 75RB#0 | 13.472 | 14.70 | PASS |
| Band48 | 15MHz | 64QAM | 55315 | 75RB#0 | 13.467 | 14.75 | PASS |
| Band48 | 15MHz | 64QAM | 55990 | 75RB#0 | 13.476 | 14.70 | PASS |
| Band48 | 15MHz | 64QAM | 56665 | 75RB#0 | 13.47 | 14.75 | PASS |
| Band48 | 15MHz | 256QAM | 55315 | 75RB#0 | 13.478 | 14.70 | PASS |
| Band48 | 15MHz | 256QAM | 55990 | 75RB#0 | 13.466 | 14.65 | PASS |
| Band48 | 15MHz | 256QAM | 56665 | 75RB#0 | 13.475 | 14.75 | PASS |
| Band48 | 20MHz | QPSK | 55340 | 100RB#0 | 18.055 | 21.20 | PASS |
| Band48 | 20MHz | QPSK | 55990 | 100RB#0 | 18.022 | 20.47 | PASS |
| Band48 | 20MHz | QPSK | 56640 | 100RB#0 | 18.042 | 20.60 | PASS |
| Band48 | 20MHz | 16QAM | 55340 | 100RB#0 | 18.005 | 20.27 | PASS |
| Band48 | 20MHz | 16QAM | 55990 | 100RB#0 | 18.003 | 19.67 | PASS |
| Band48 | 20MHz | 16QAM | 56640 | 100RB#0 | 18.018 | 19.60 | PASS |
| Band48 | 20MHz | 64QAM | 55340 | 100RB#0 | 17.967 | 20.33 | PASS |
| Band48 | 20MHz | 64QAM | 55990 | 100RB#0 | 17.984 | 20.20 | PASS |
| Band48 | 20MHz | 64QAM | 56640 | 100RB#0 | 17.983 | 20.13 | PASS |
| Band48 | 20MHz | 256QAM | 55340 | 100RB#0 | 17.979 | 19.67 | PASS |
| Band48 | 20MHz | 256QAM | 55990 | 100RB#0 | 18.003 | 21.40 | PASS |
| Band48 | 20MHz | 256QAM | 56640 | 100RB#0 | 17.967 | 19.67 | PASS |



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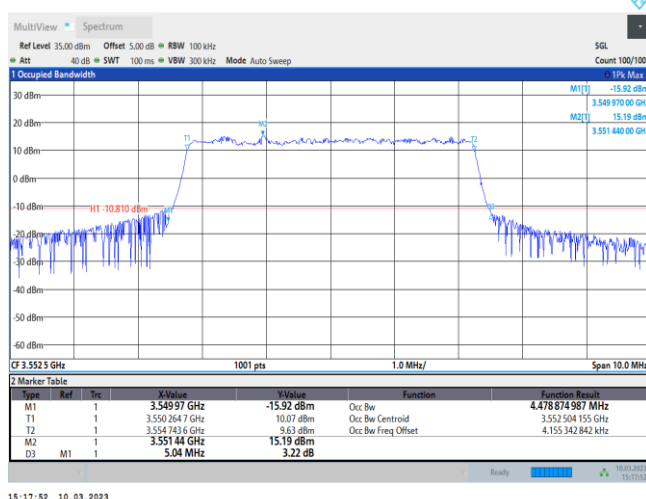
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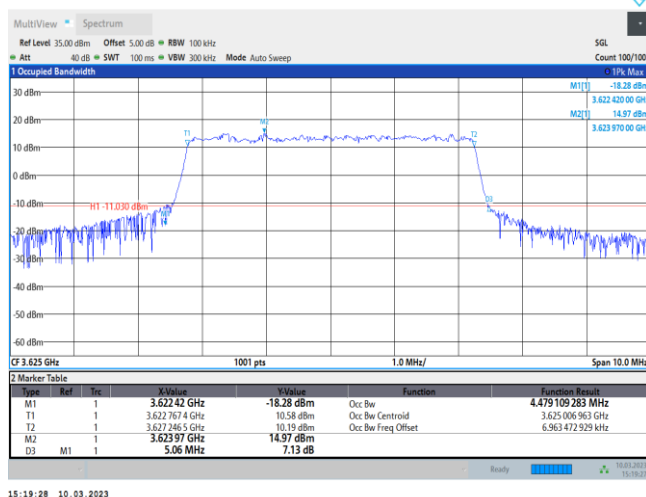
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Test Graphs

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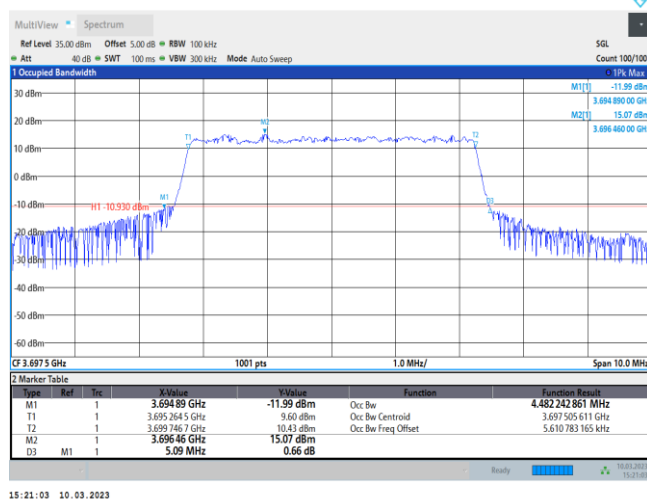
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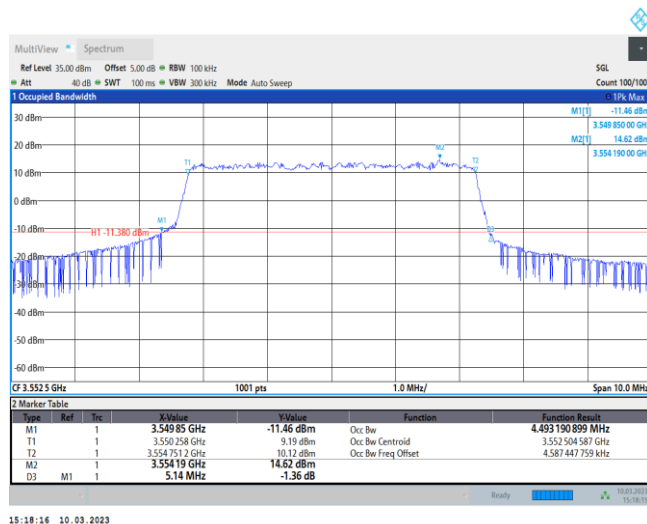
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Band48-5MHz-QPSK-56715-25RB#0



Band48-5MHz-16QAM-55265-25RB#0



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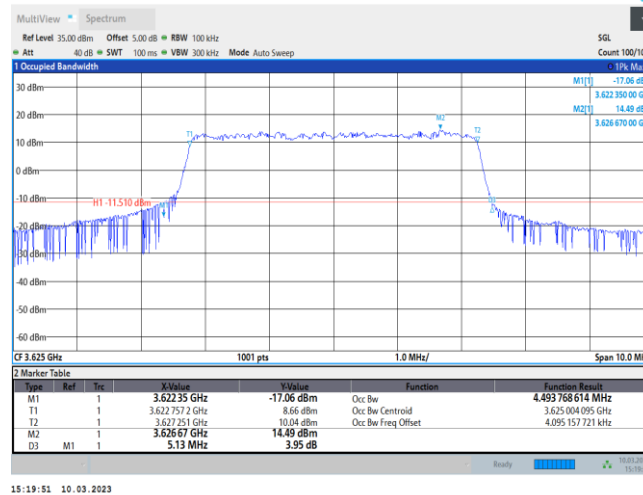
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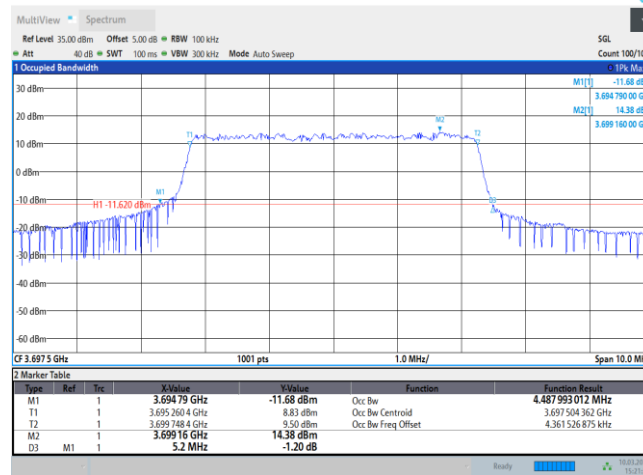
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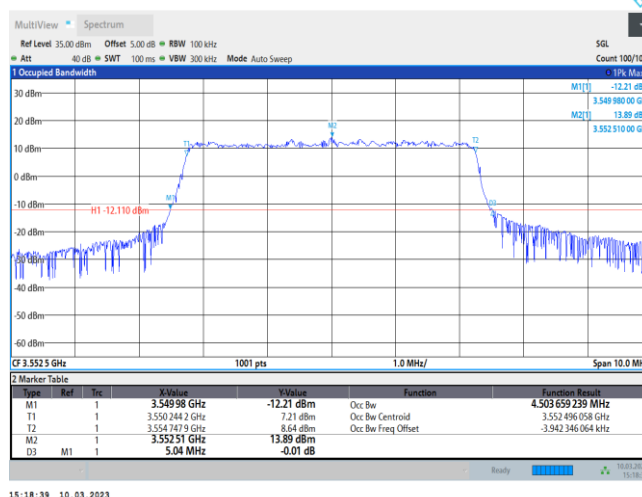
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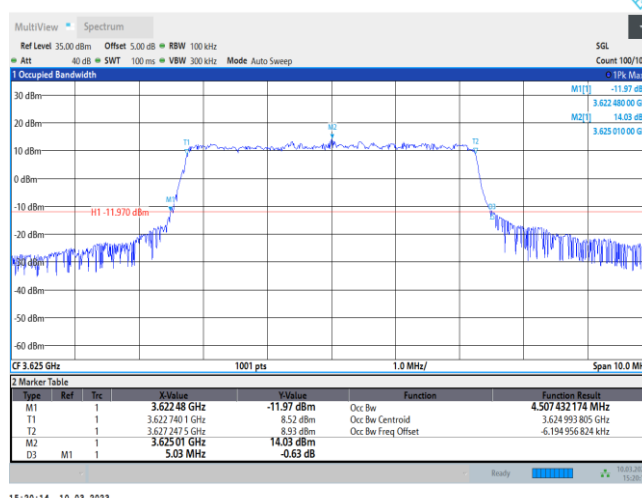
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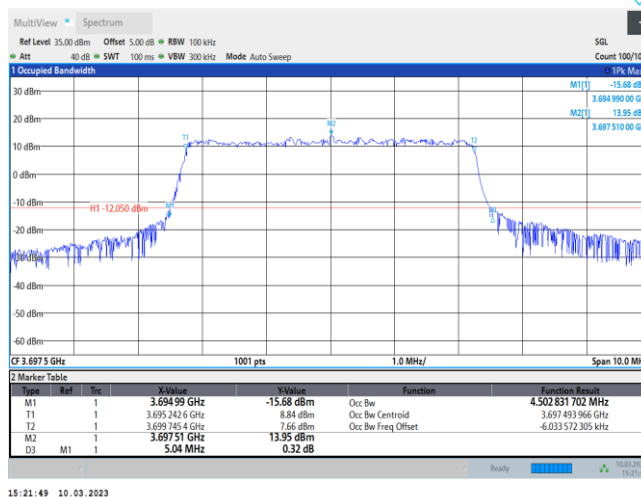
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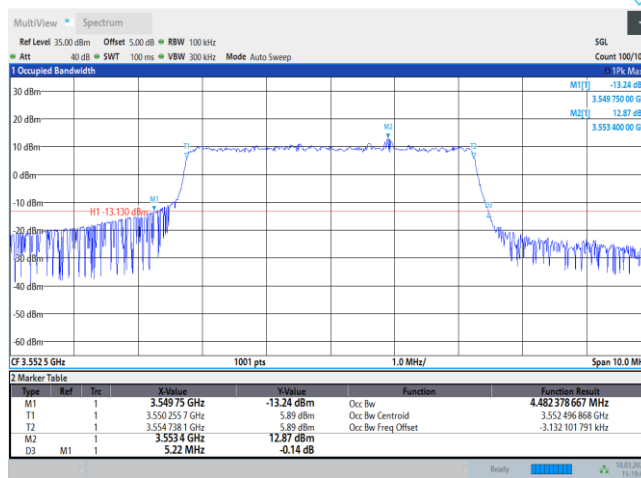
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Band48-5MHz-256QAM-55265-25RB#0



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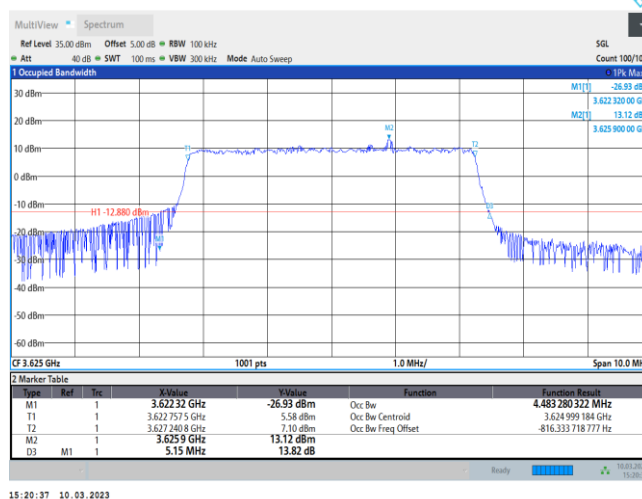
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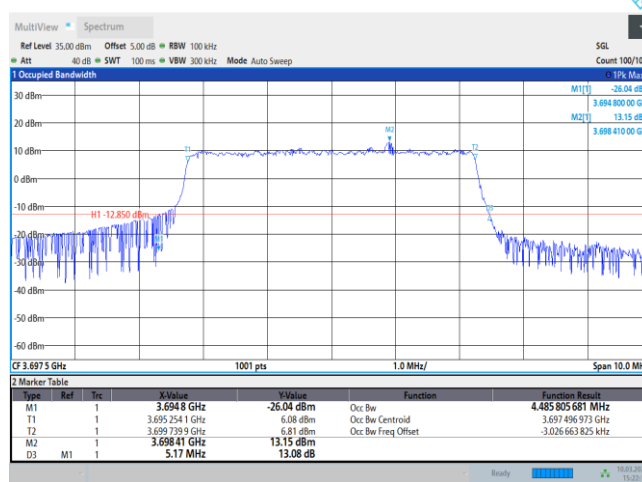
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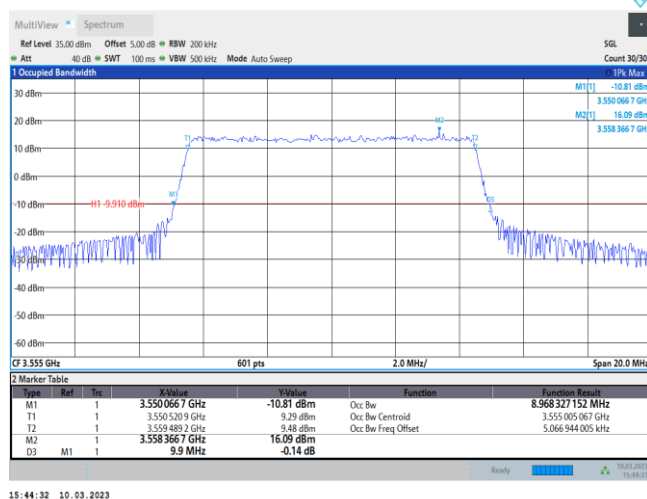
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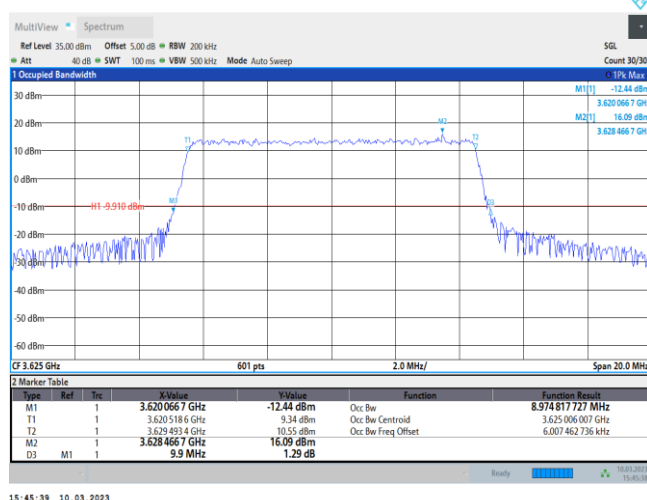
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Band48-10MHz-QPSK-55290-50RB#0



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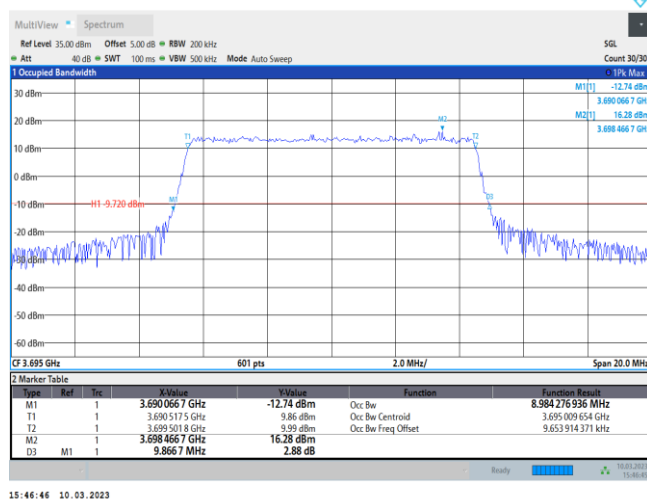
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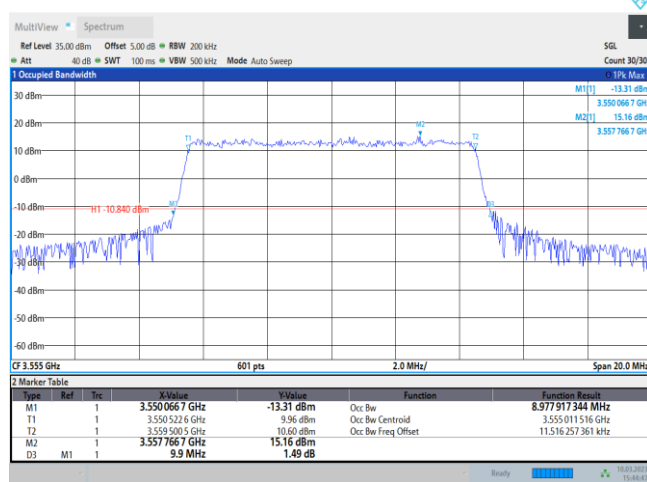
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Band48-10MHz-16QAM-55290-50RB#0



15:44:48 10.03.2023



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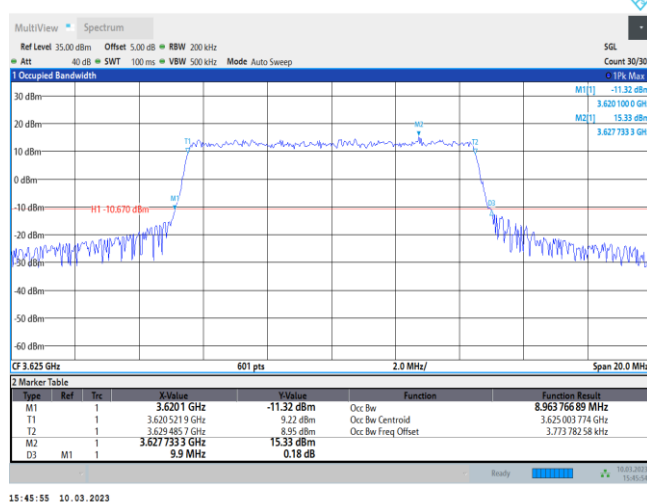
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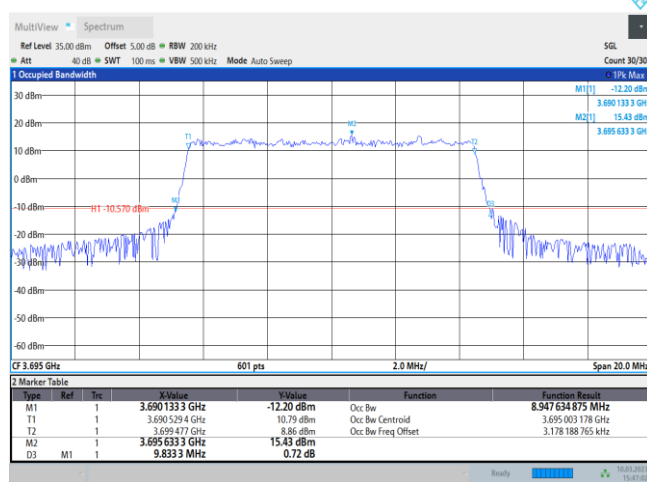
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Band48-10MHz-16QAM-56690-50RB#0



15:47:02 10.03.2023



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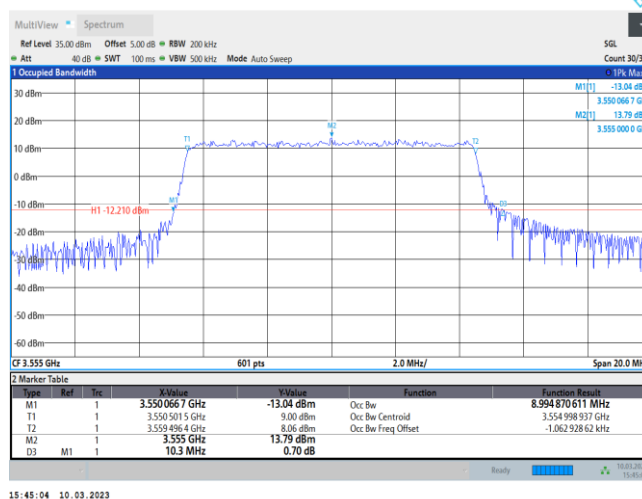
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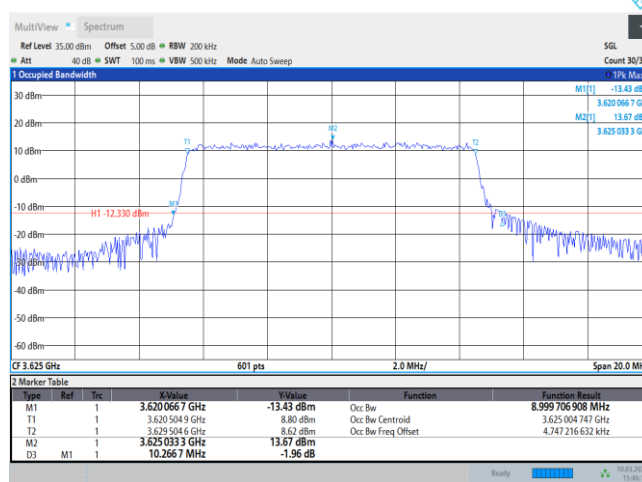
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Band48-10MHz-64QAM-55990-50RB#0



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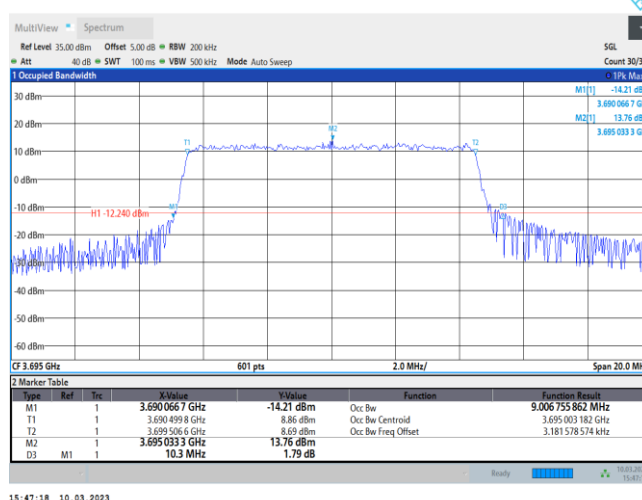
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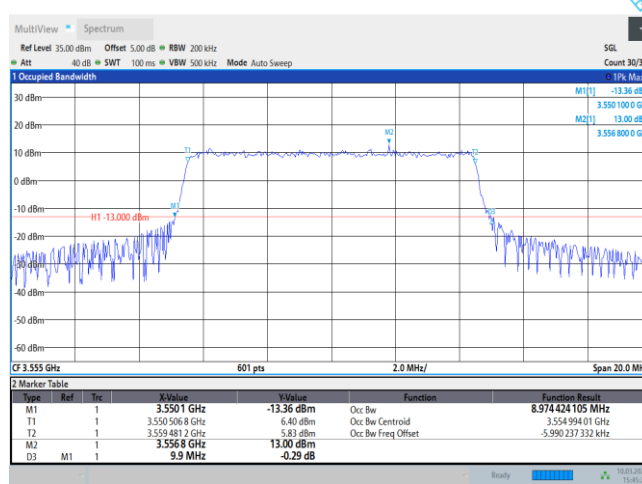
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Band48-10MHz-256QAM-55290-50RB#0



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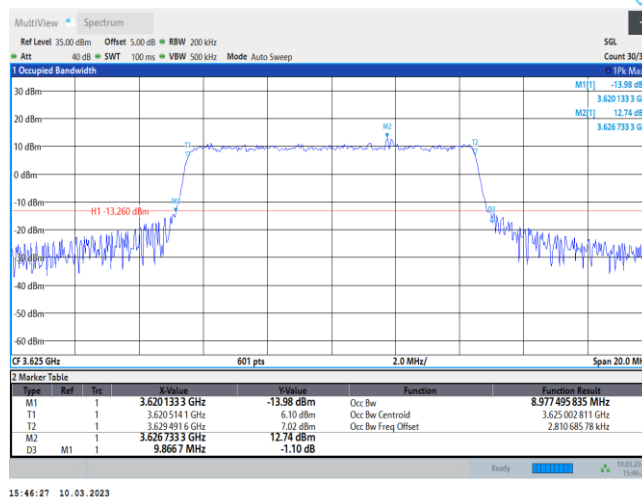
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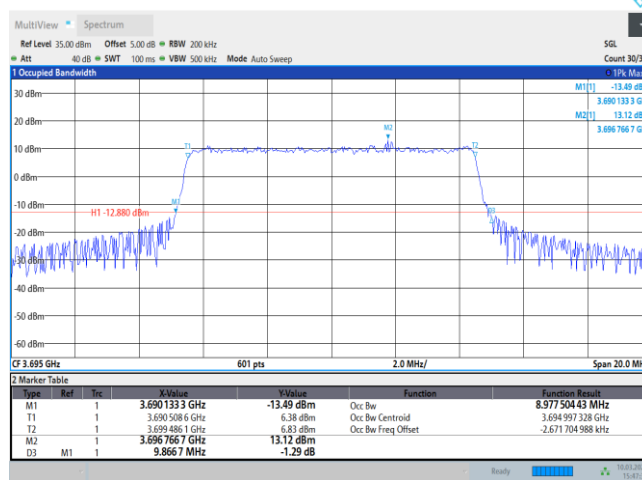
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Band48-10MHz-256QAM-56690-50RB#0



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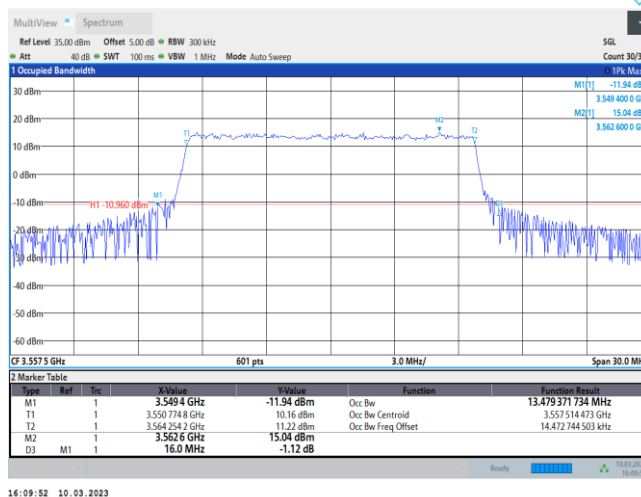
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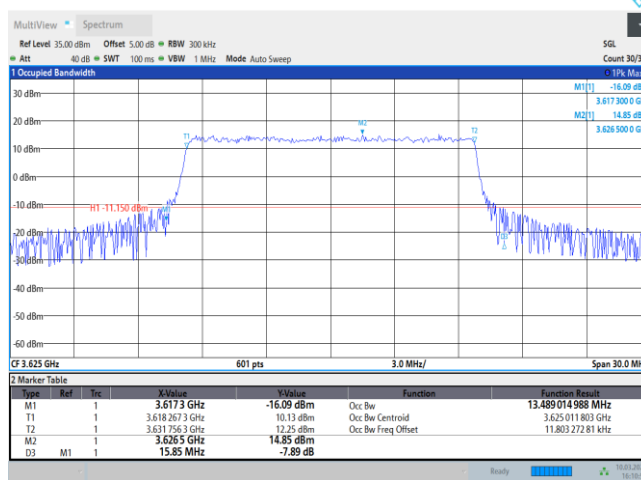
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16:10:59 10.03.2023



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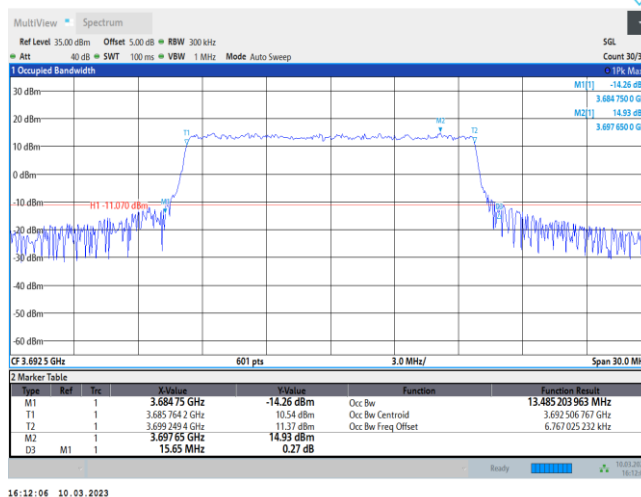
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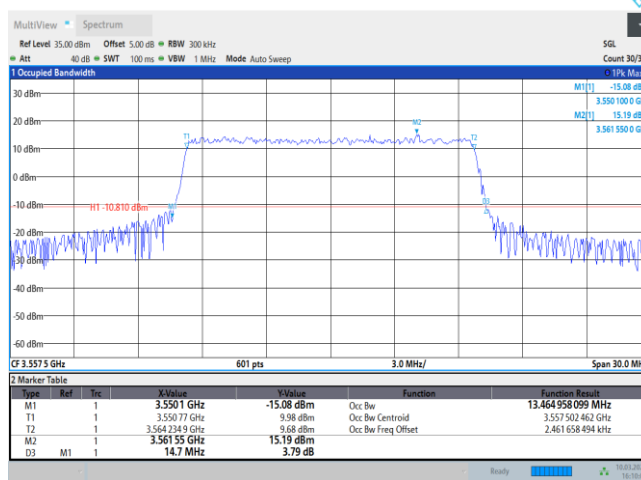
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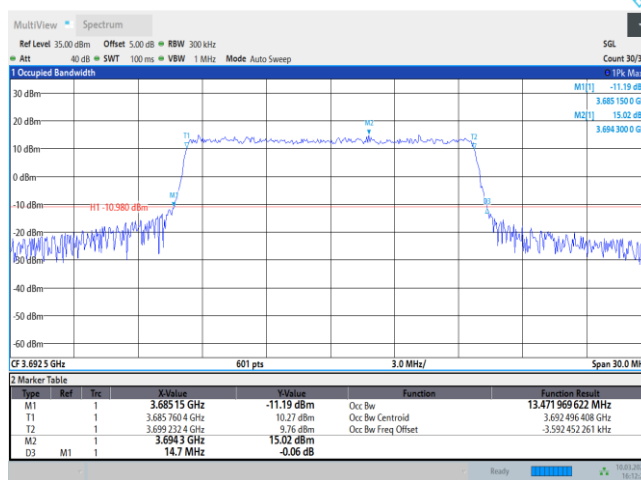
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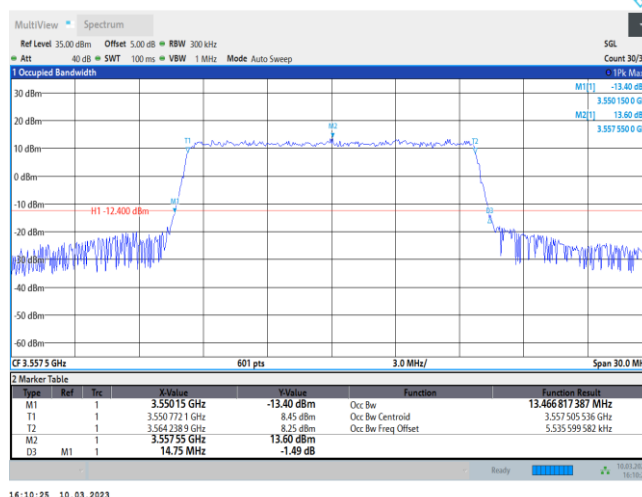
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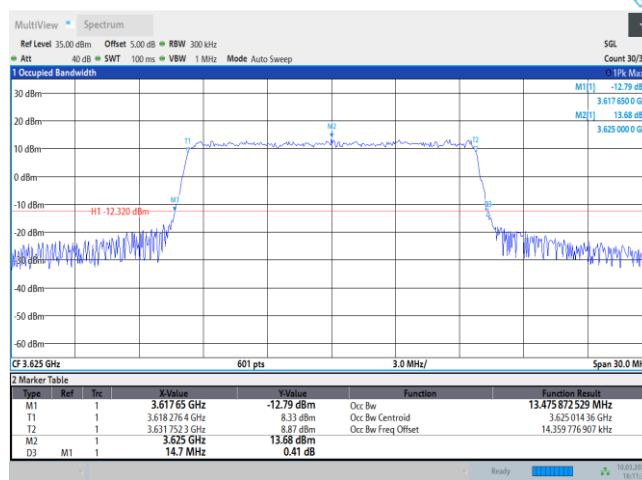
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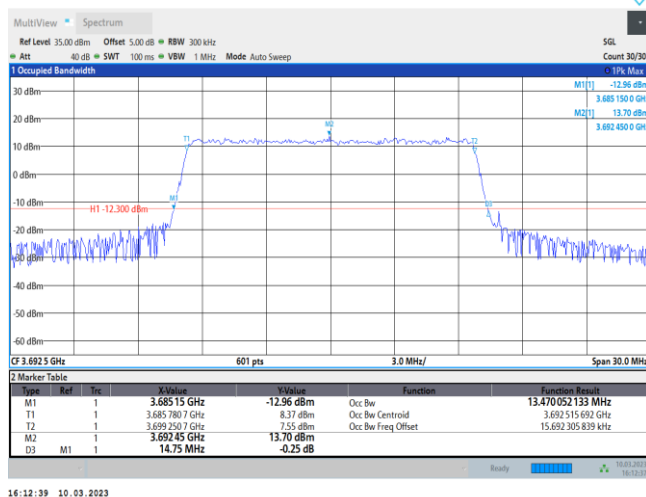
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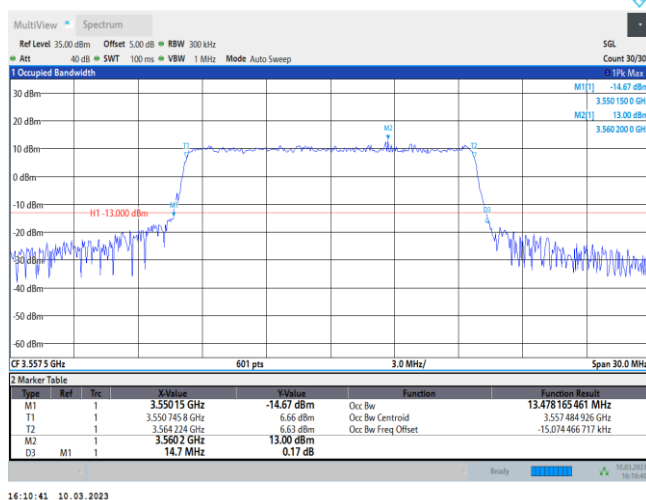
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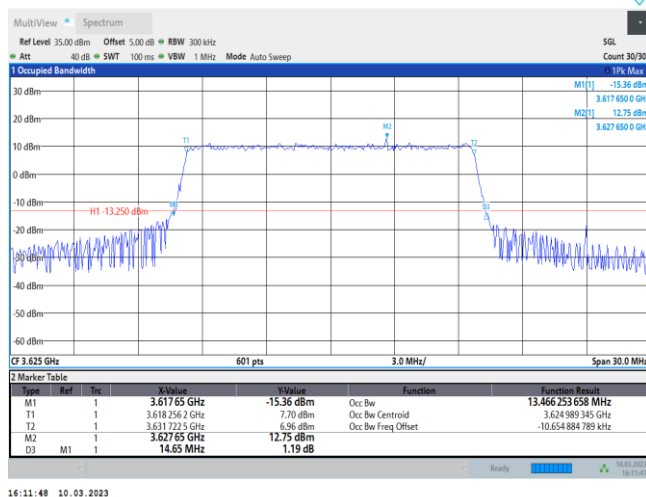
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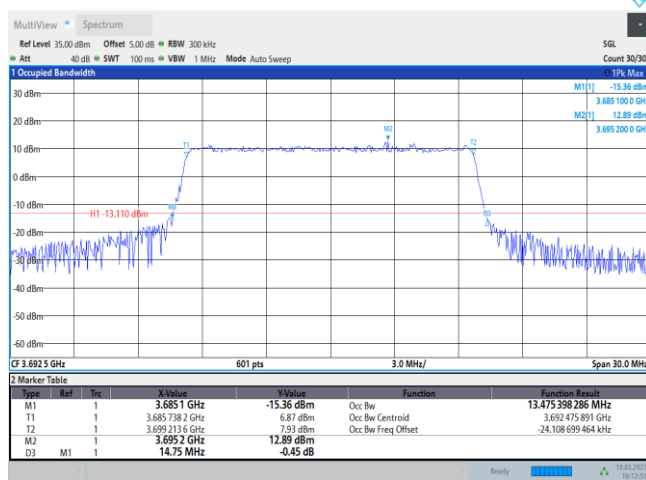
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