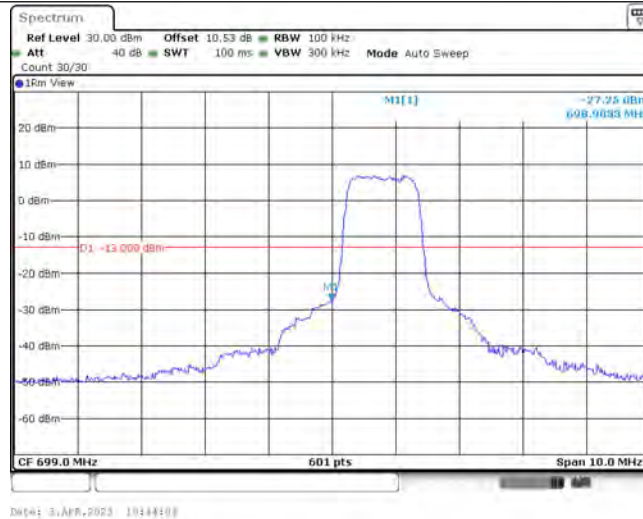
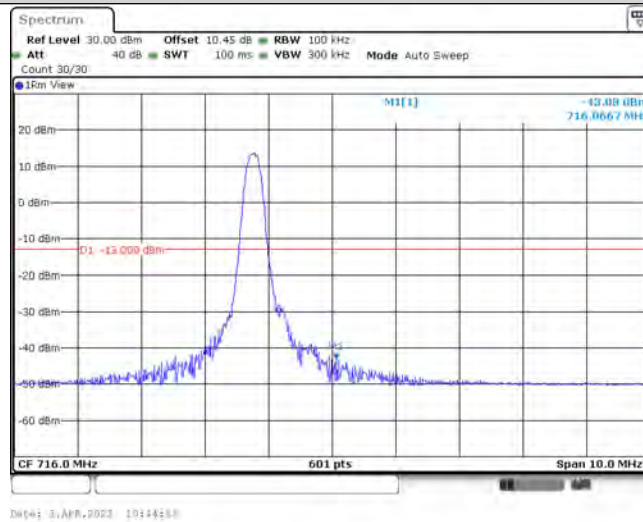




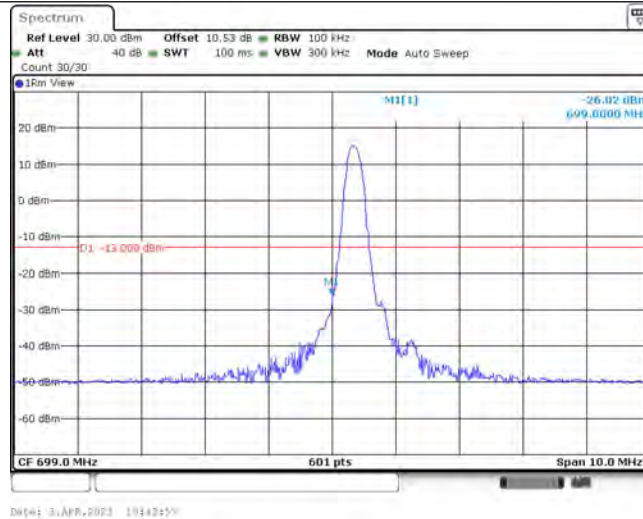
Band12-5MHz-QPSK-23035-6-0-Low--27.25-PASS



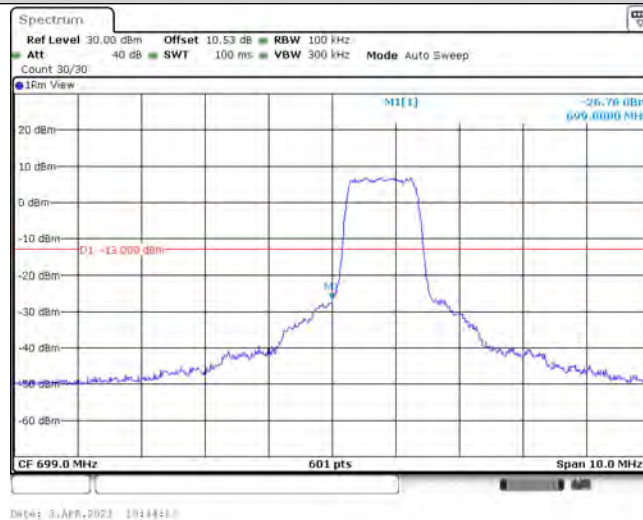
Band12-5MHz-QPSK-23155-1-0-High--43.08-PASS



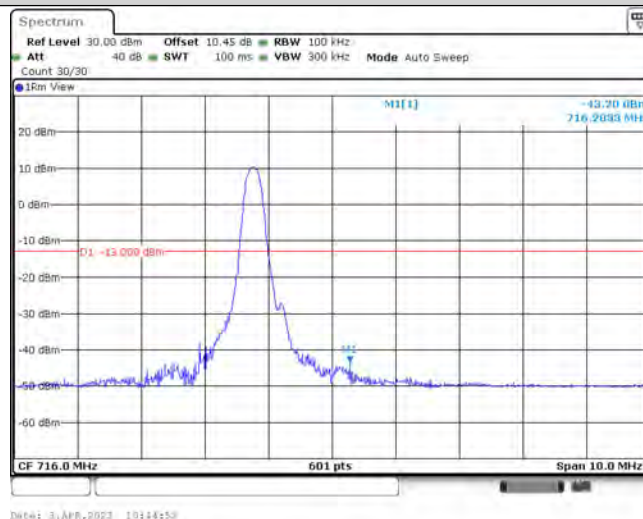
Band12-5MHz-QPSK-23155-6-0-High--28.15-PASS



Band12-5MHz-16QAM-23035-1-0-Low--26.02-PASS



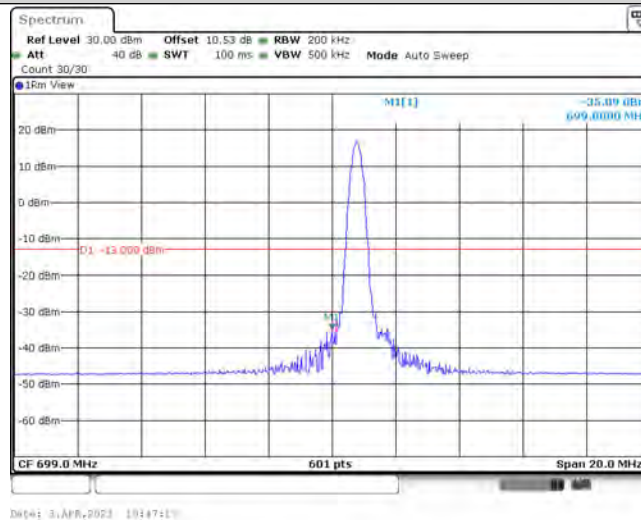
Band12-5MHz-16QAM-23035-6-0-Low--26.76-PASS



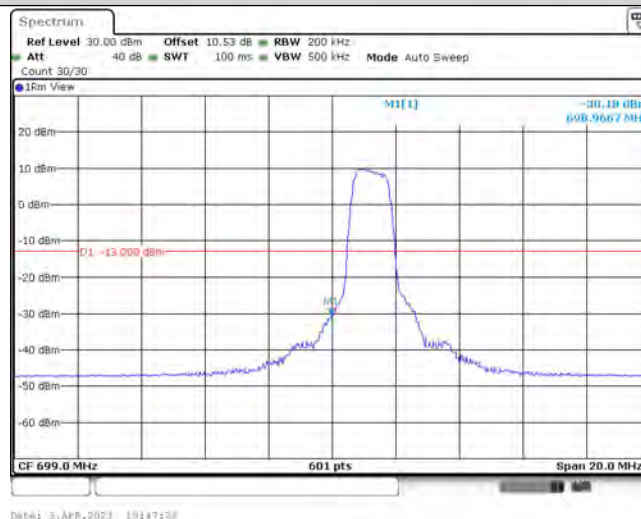
Band12-5MHz-16QAM-23155-1-0-High--43.20-PASS



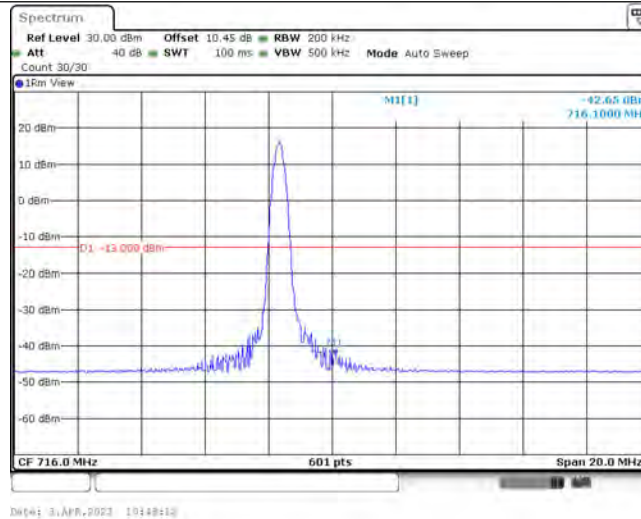
Band12-5MHz-16QAM-23155-6-0-High--27.75-PASS



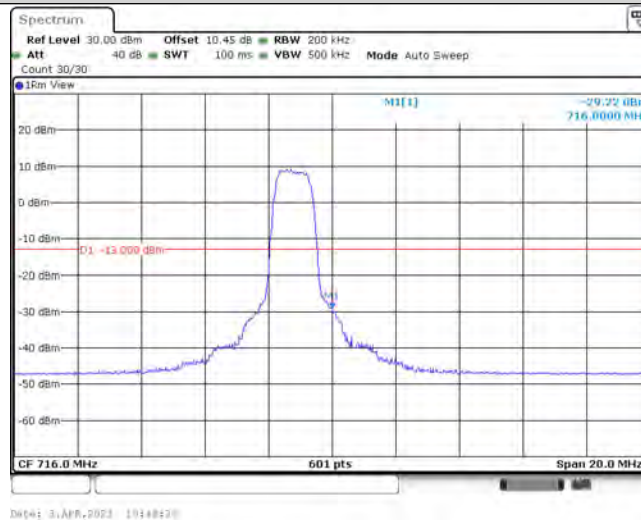
Band12-10MHz-QPSK-23060-1-0-Low--35.09-PASS



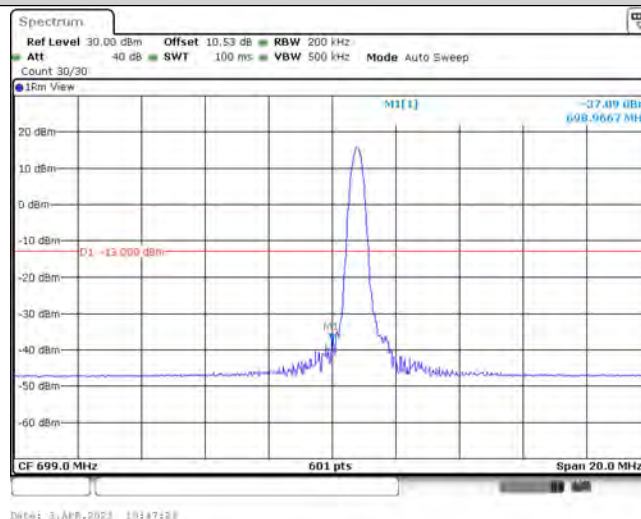
Band12-10MHz-QPSK-23060-6-0-Low--30.18-PASS



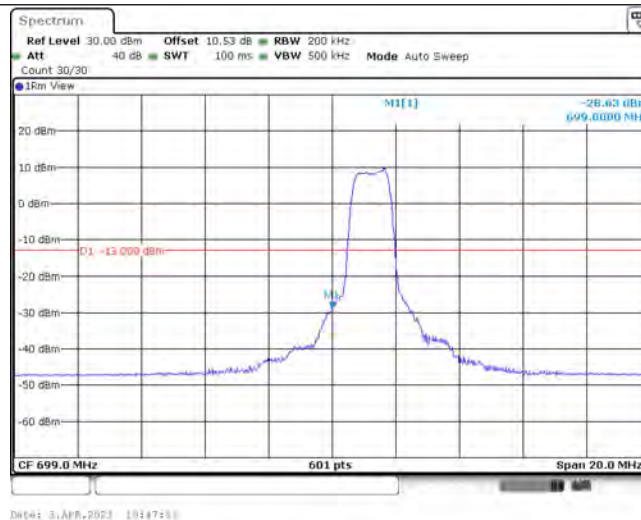
Band12-10MHz-QPSK-23130-1-0-High--42.65-PASS



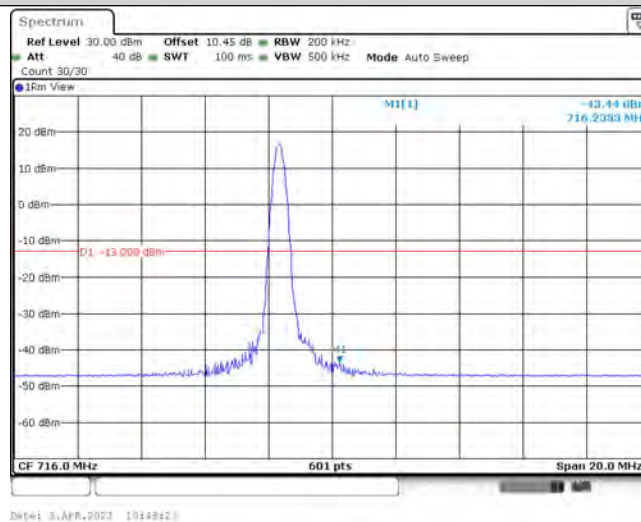
Band12-10MHz-QPSK-23130-6-0-High--29.22-PASS



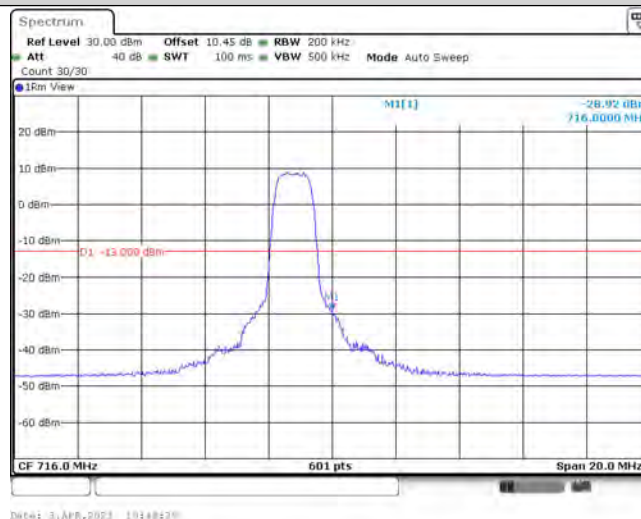
Band12-10MHz-16QAM-23060-1-0-Low--37.09-PASS



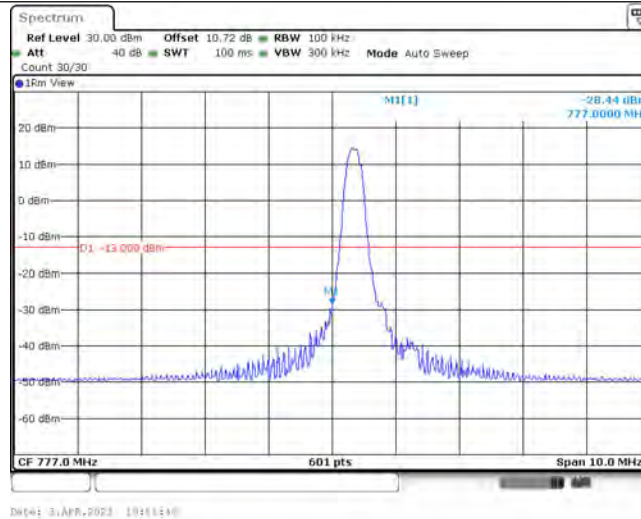
Band12-10MHz-16QAM-23060-6-0-Low--28.63-PASS



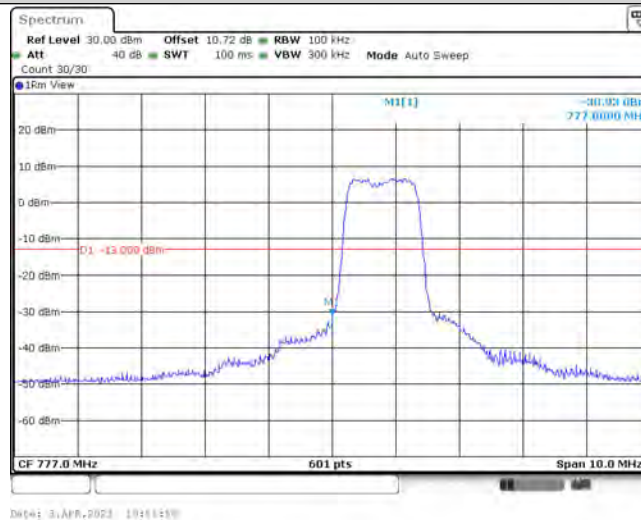
Band12-10MHz-16QAM-23130-1-0-High--43.44-PASS



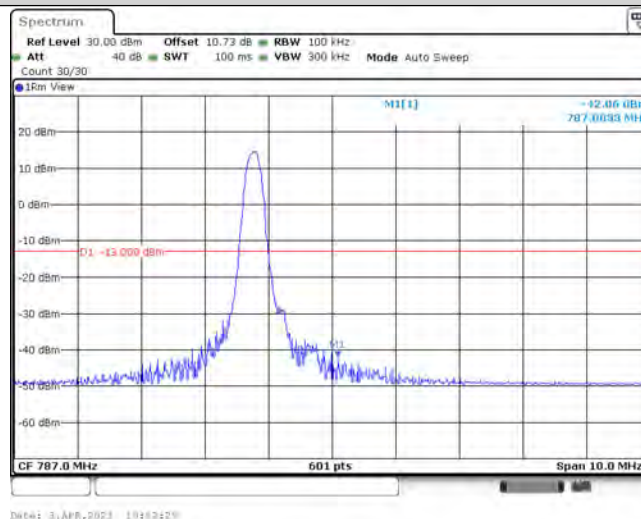
Band12-10MHz-16QAM-23130-6-0-High--28.92-PASS



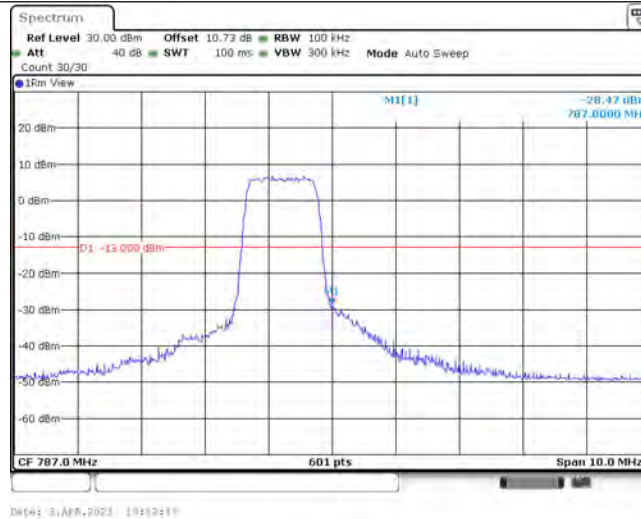
Band13-5MHz-QPSK-23205-1-0-Low--28.44-PASS



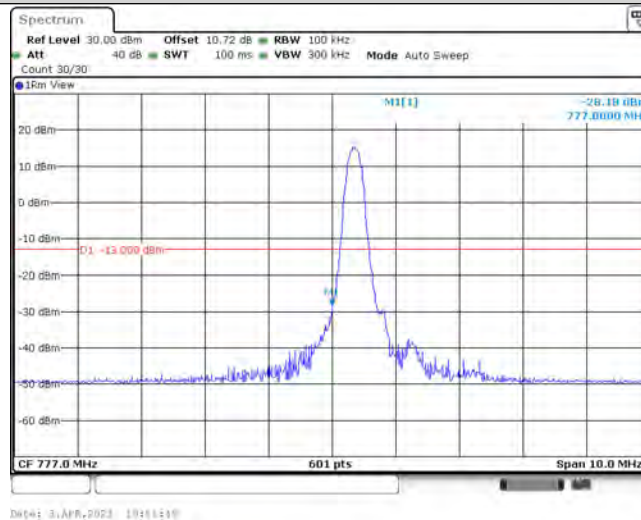
Band13-5MHz-QPSK-23205-6-0-Low--30.93-PASS



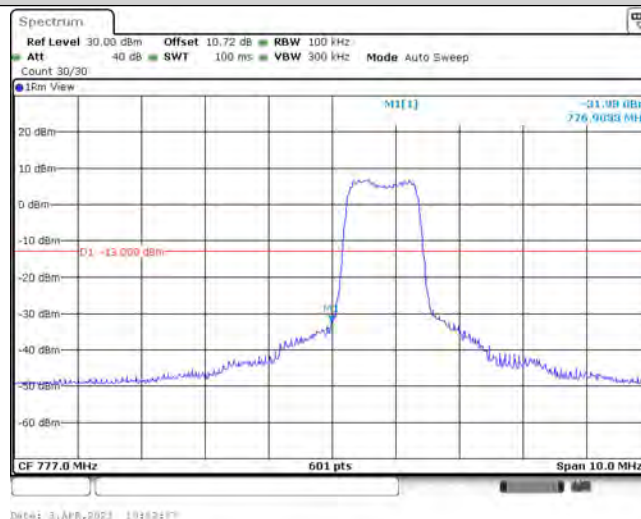
Band13-5MHz-QPSK-23255-1-0-High--42.06-PASS



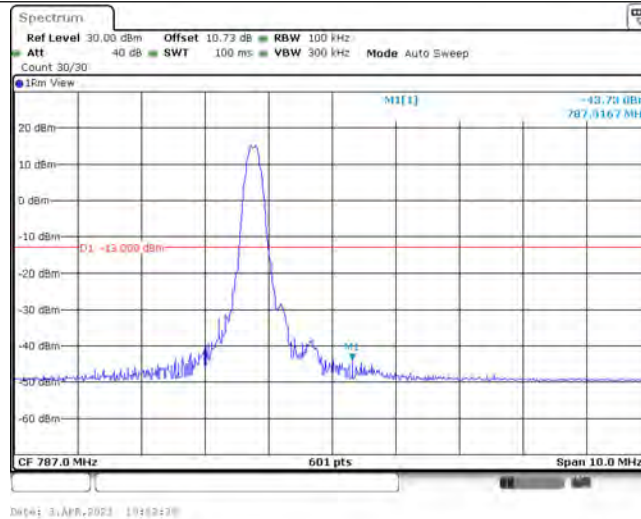
Band13-5MHz-QPSK-23255-6-0-High--28.47-PASS



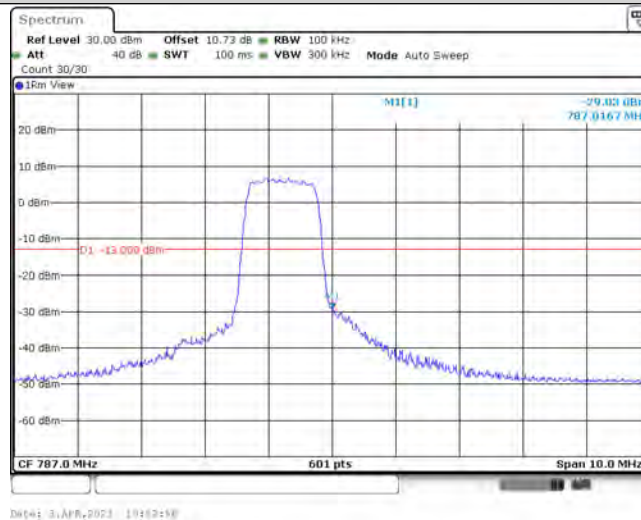
Band13-5MHz-16QAM-23205-1-0-Low--28.18-PASS



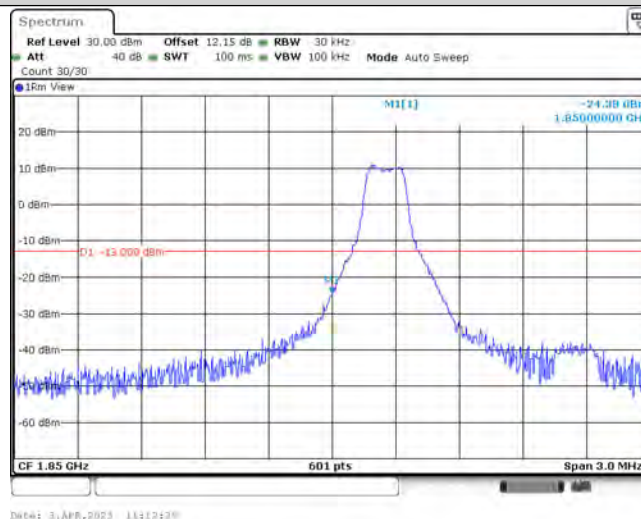
Band13-5MHz-16QAM-23205-6-0-Low--31.98-PASS



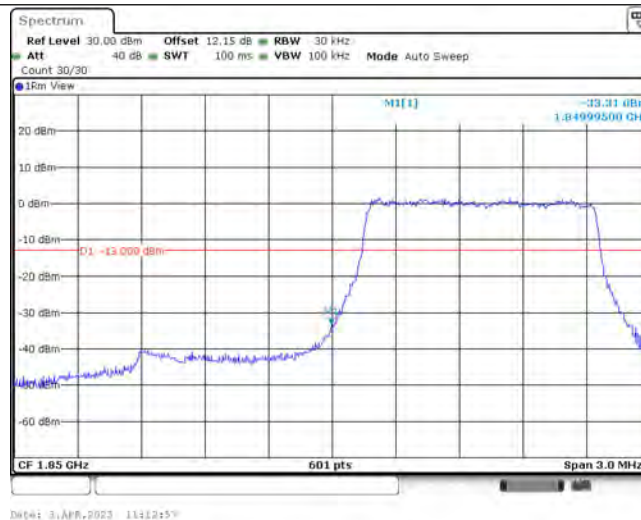
Band13-5MHz-16QAM-23255-1-0-High--43.73-PASS



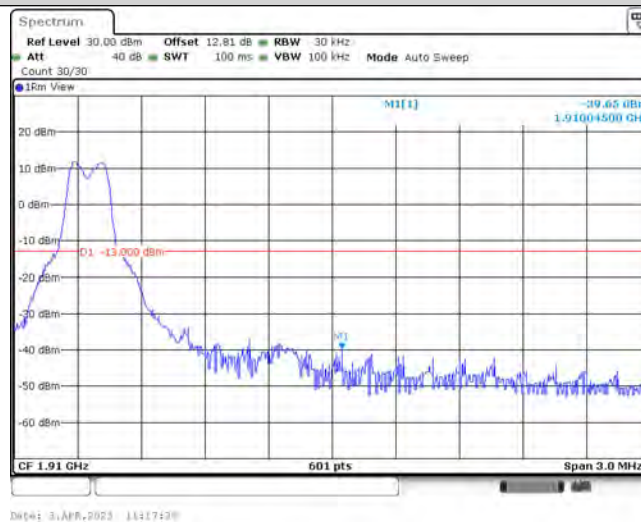
Band13-5MHz-16QAM-23255-6-0-High--29.03-PASS



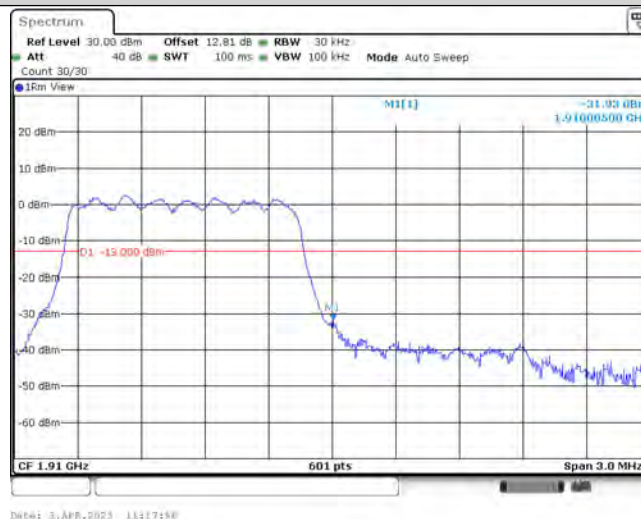
Band2-1.4MHz-QPSK-18607-1-0-Low--24.38-PASS



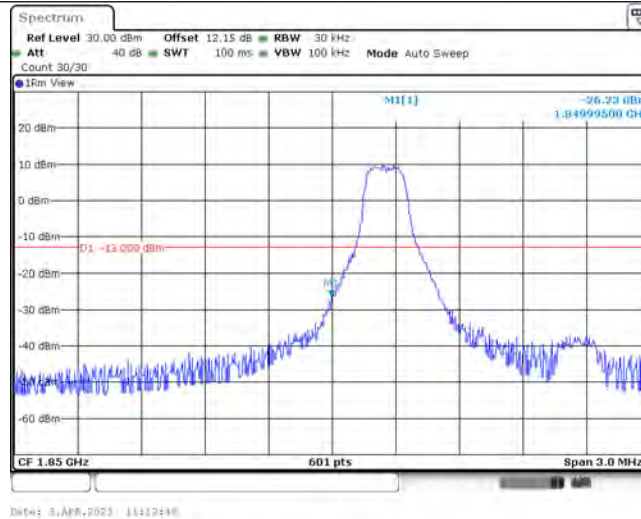
Band2-1.4MHz-QPSK-18607-6-0-Low--33.31-PASS



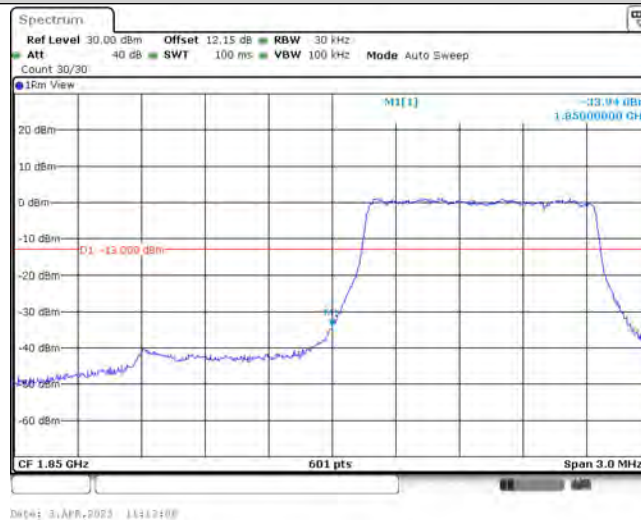
Band2-1.4MHz-QPSK-19193-1-0-High--39.65-PASS



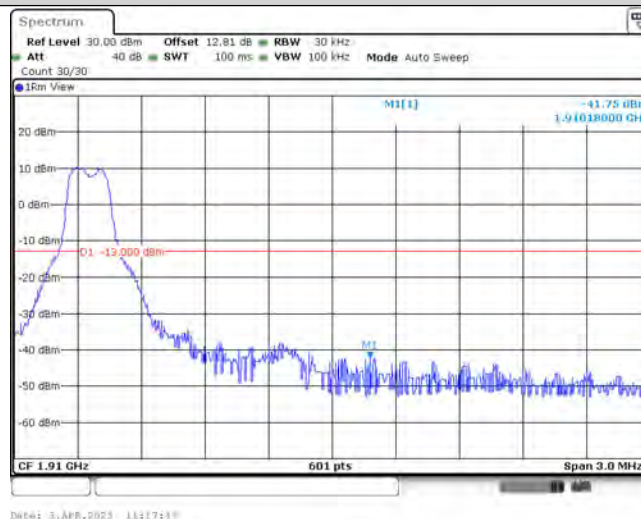
Band2-1.4MHz-QPSK-19193-6-0-High--31.93-PASS



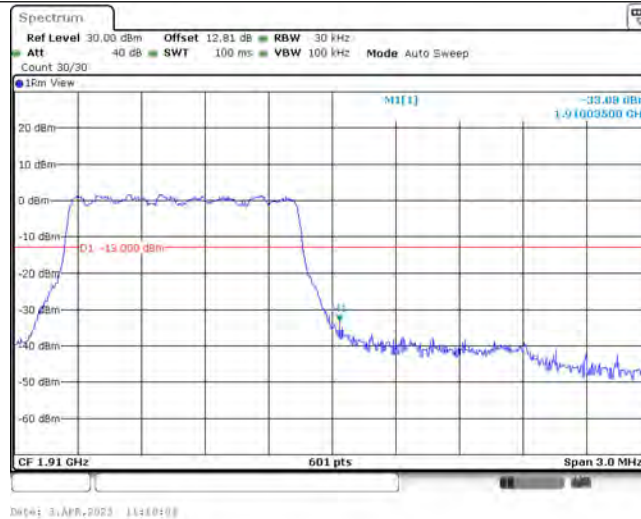
Band2-1.4MHz-16QAM-18607-1-0-Low--26.23-PASS



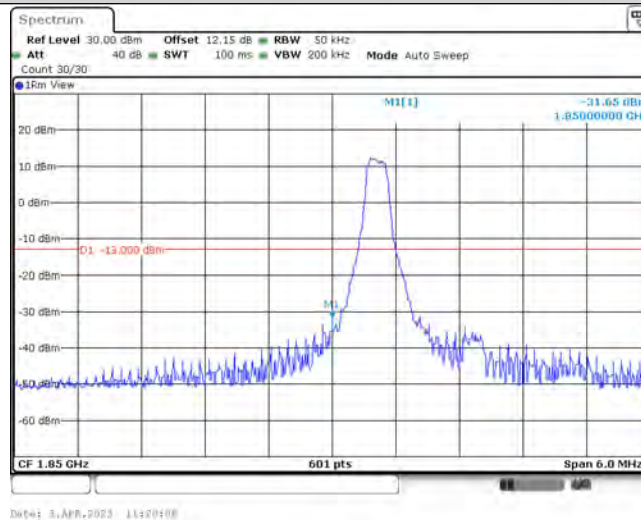
Band2-1.4MHz-16QAM-18607-6-0-Low--33.94-PASS



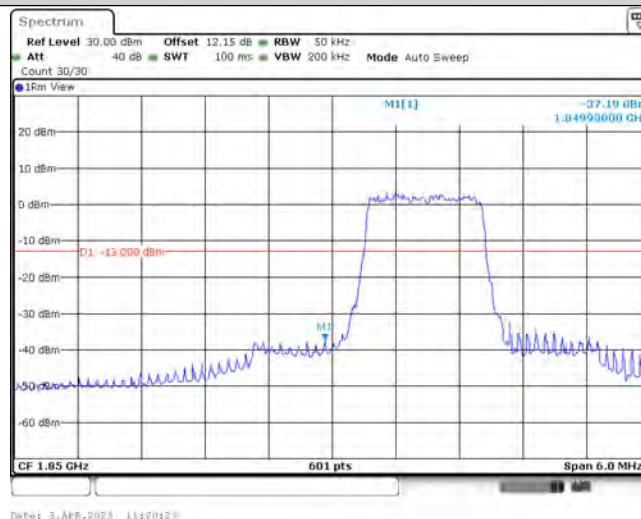
Band2-1.4MHz-16QAM-19193-1-0-High--41.75-PASS



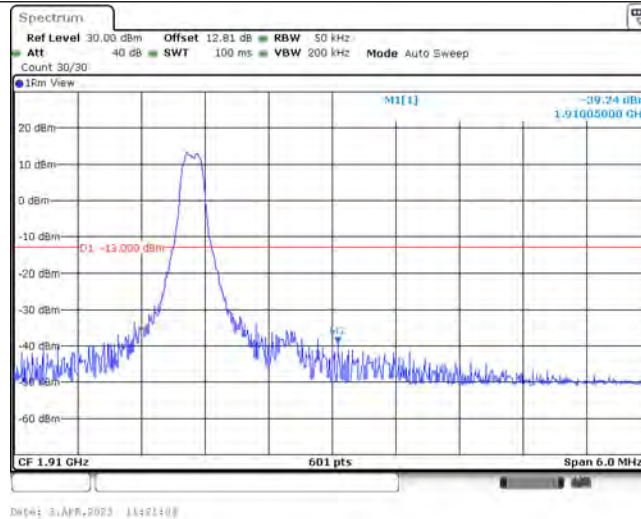
Band2-1.4MHz-16QAM-19193-6-0-High--33.08-PASS



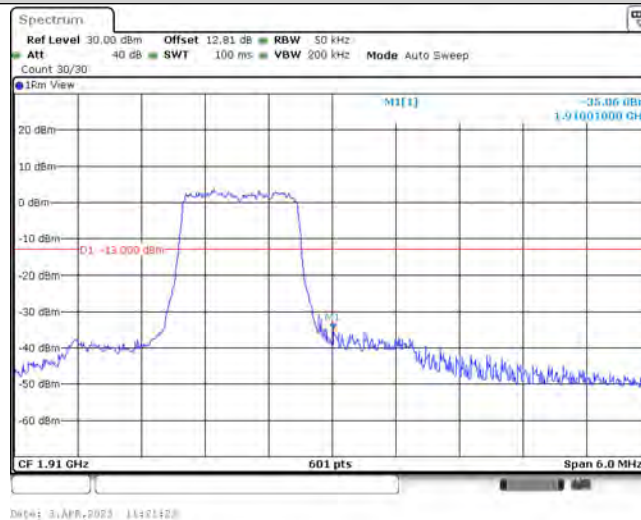
Band2-3MHz-QPSK-18615-1-0-Low--31.65-PASS



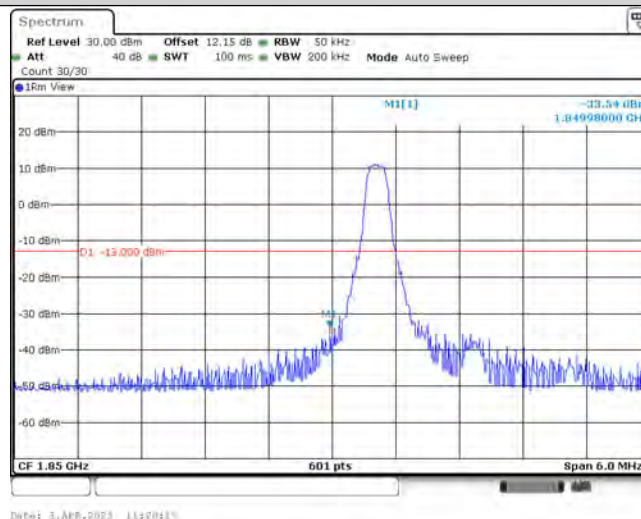
Band2-3MHz-QPSK-18615-6-0-Low--37.19-PASS



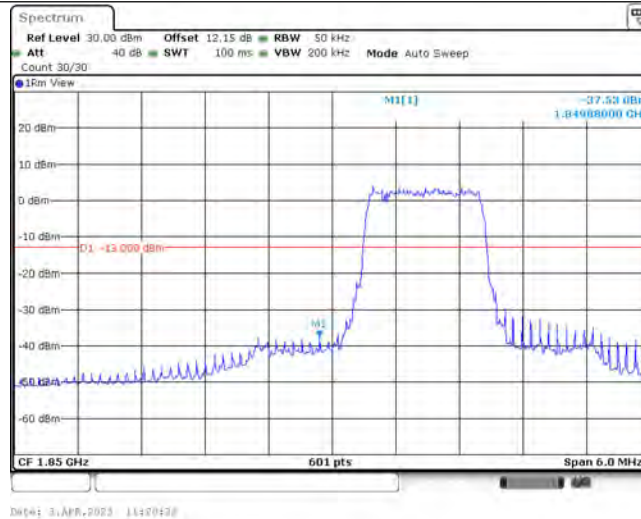
Band2-3MHz-QPSK-19185-1-0-High--39.24-PASS



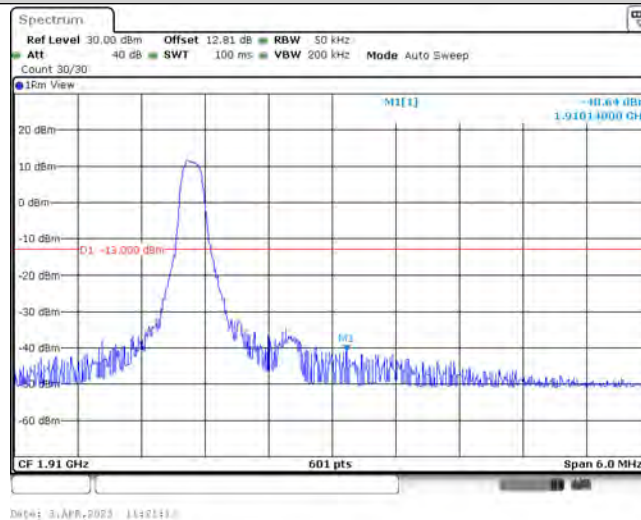
Band2-3MHz-QPSK-19185-6-0-High--35.06-PASS



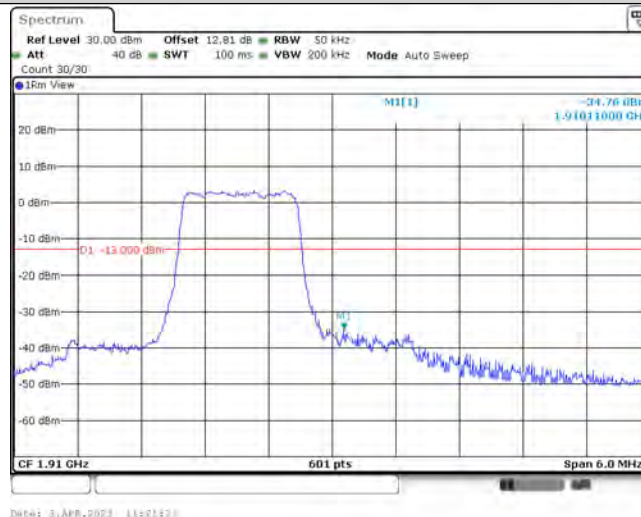
Band2-3MHz-16QAM-18615-1-0-Low--33.54-PASS



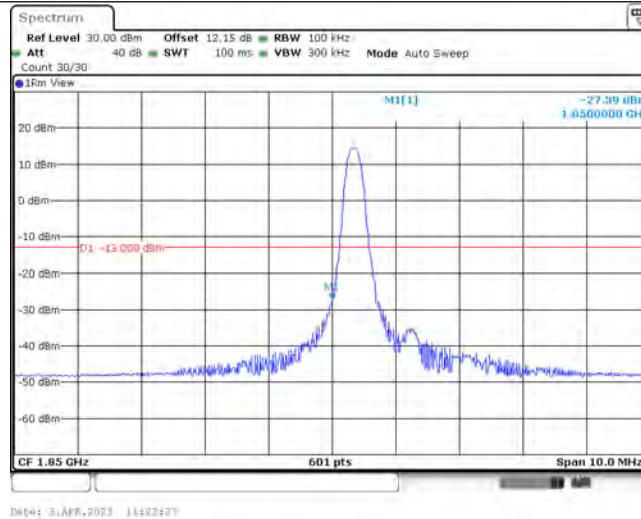
Band2-3MHz-16QAM-18615-6-0-Low--37.53-PASS



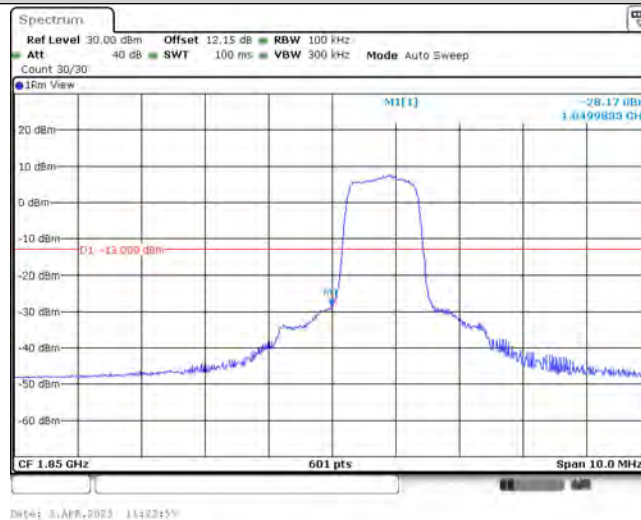
Band2-3MHz-16QAM-19185-1-0-High--40.64-PASS



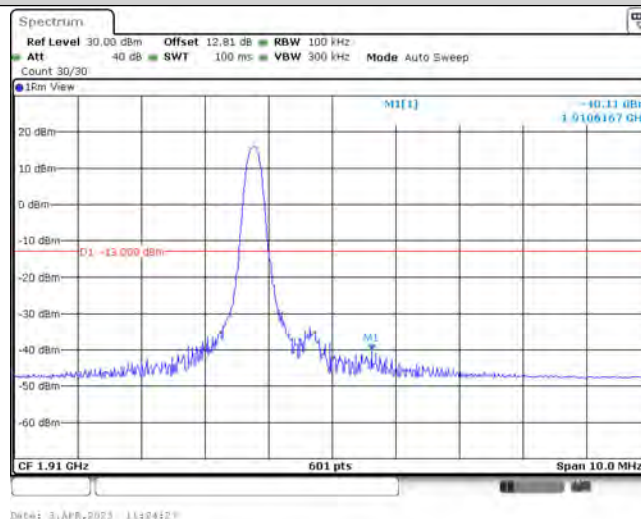
Band2-3MHz-16QAM-19185-6-0-High--34.76-PASS



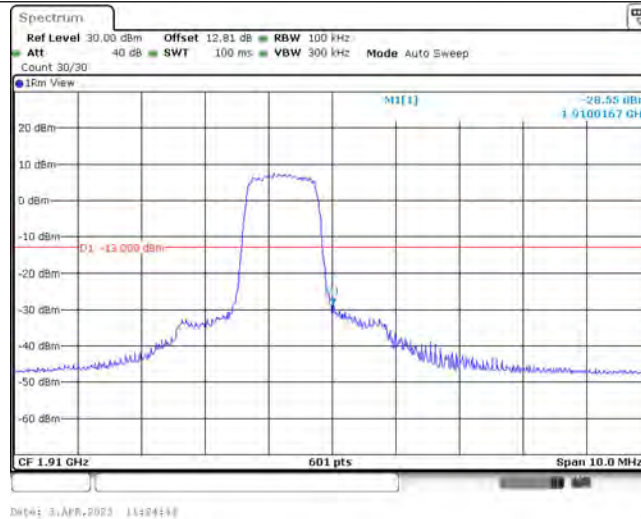
Band2-5MHz-QPSK-18625-1-0-Low--27.39-PASS



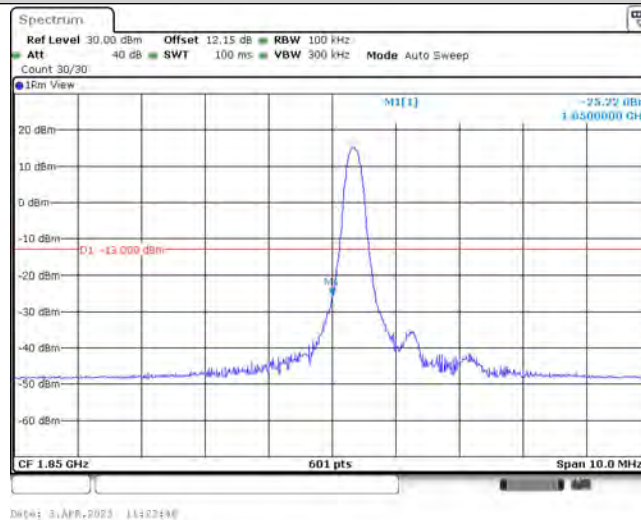
Band2-5MHz-QPSK-18625-6-0-Low--28.17-PASS



Band2-5MHz-QPSK-19175-1-0-High--40.11-PASS



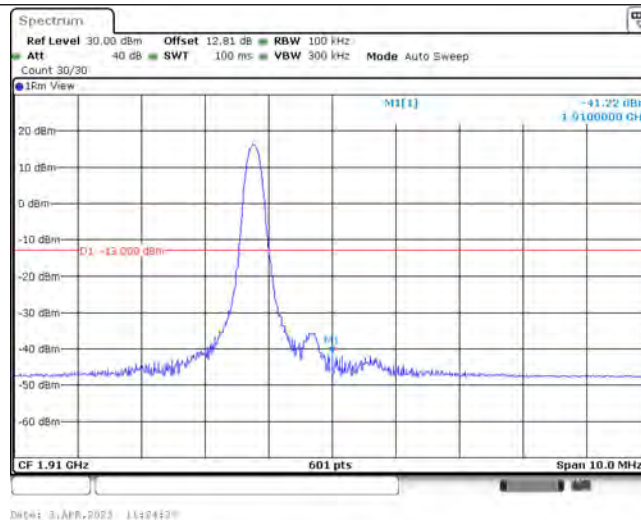
Band2-5MHz-QPSK-19175-6-0-High--28.55-PASS



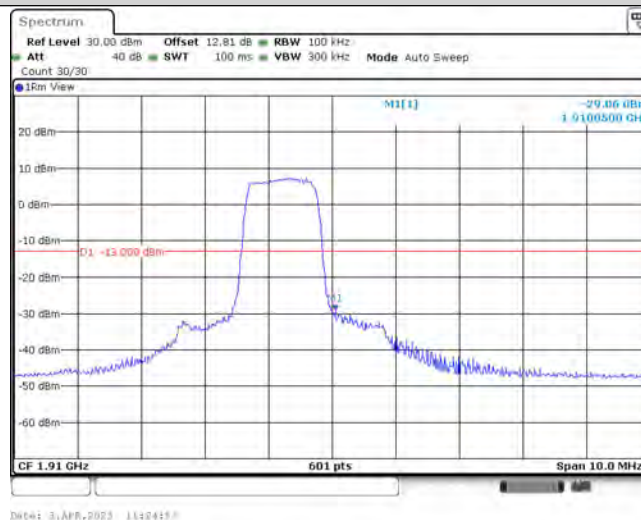
Band2-5MHz-16QAM-18625-1-0-Low--25.22-PASS



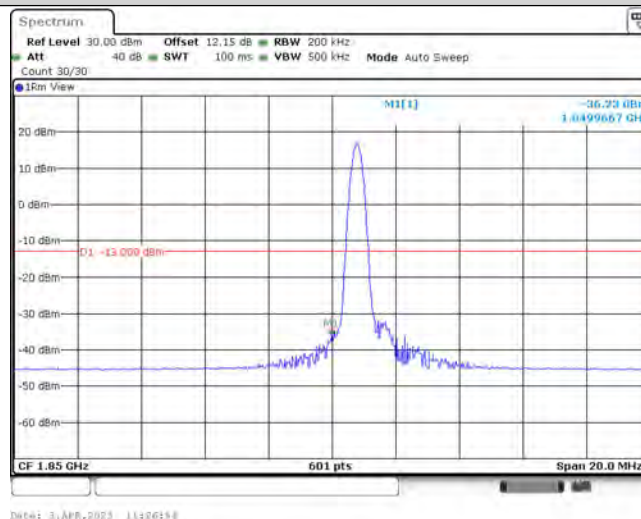
Band2-5MHz-16QAM-18625-6-0-Low--29.97-PASS



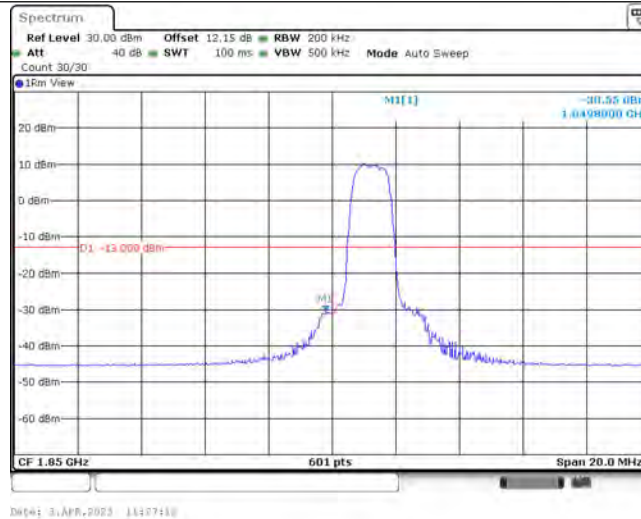
Band2-5MHz-16QAM-19175-1-0-High--41.22-PASS



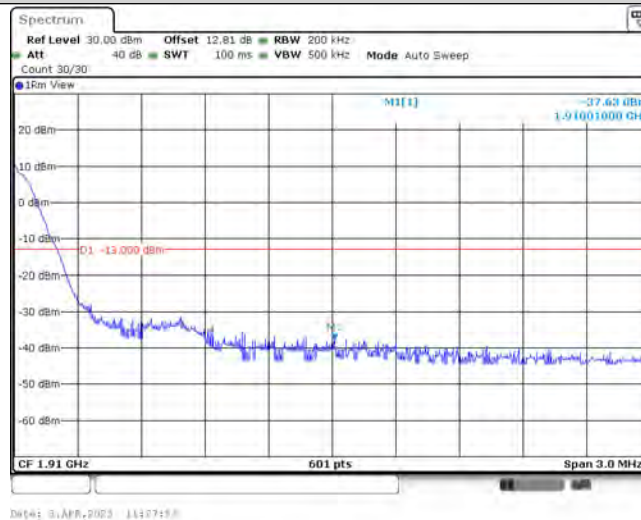
Band2-5MHz-16QAM-19175-6-0-High--29.06-PASS



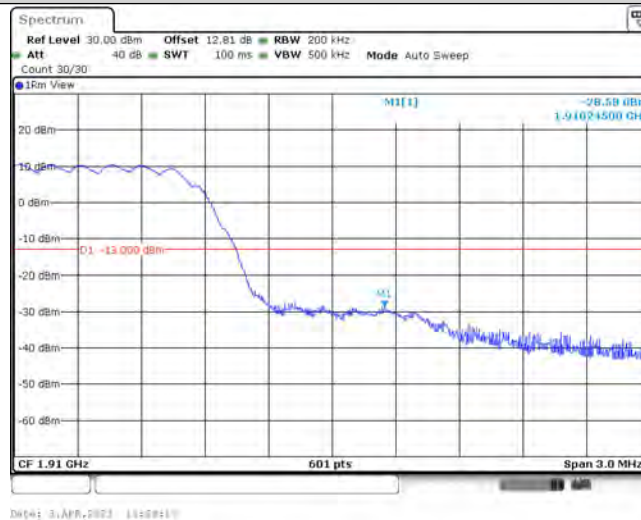
Band2-10MHz-QPSK-18650-1-0-Low--36.23-PASS



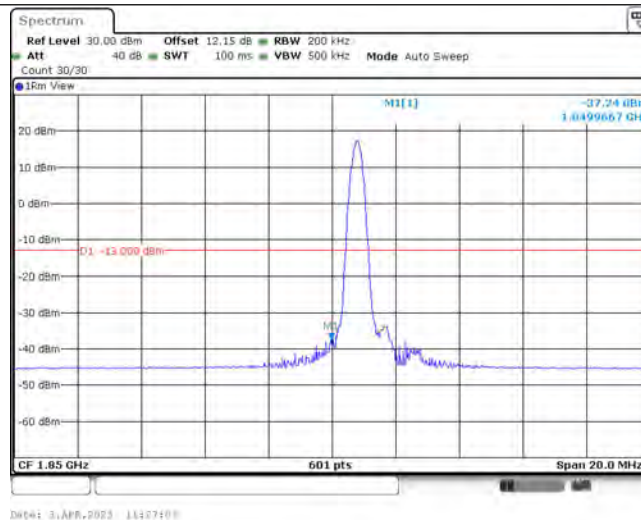
Band2-10MHz-QPSK-18650-6-0-Low--30.55-PASS



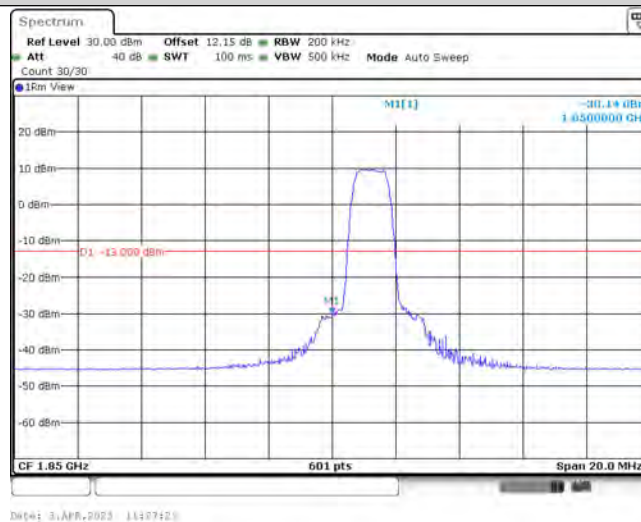
Band2-10MHz-QPSK-19150-1-0-High--37.63-PASS



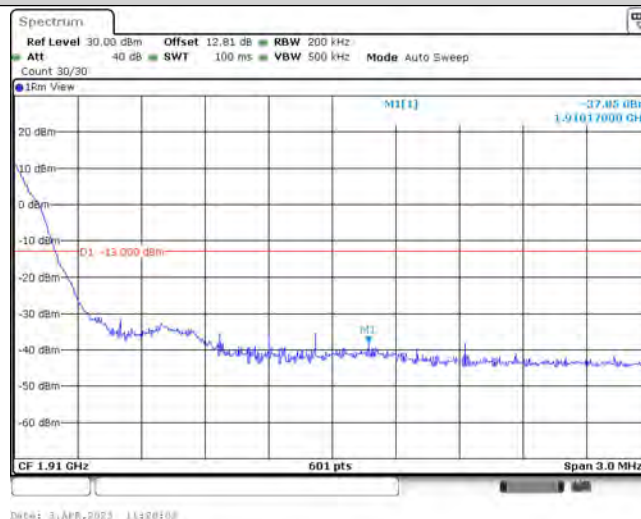
Band2-10MHz-QPSK-19150-6-0-High--28.58-PASS



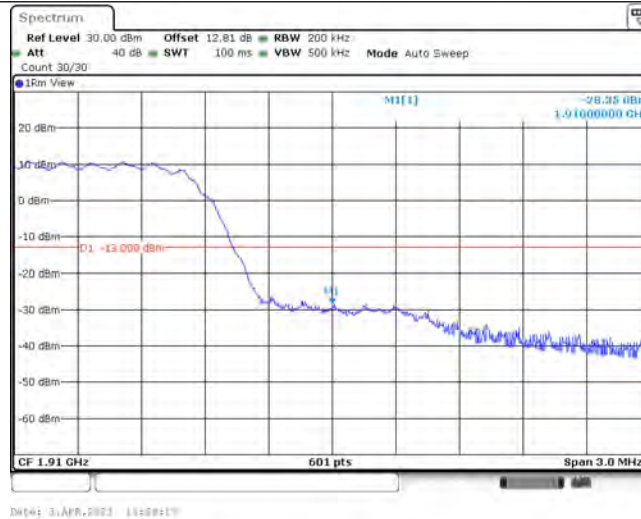
Band2-10MHz-16QAM-18650-1-0-Low--37.24-PASS



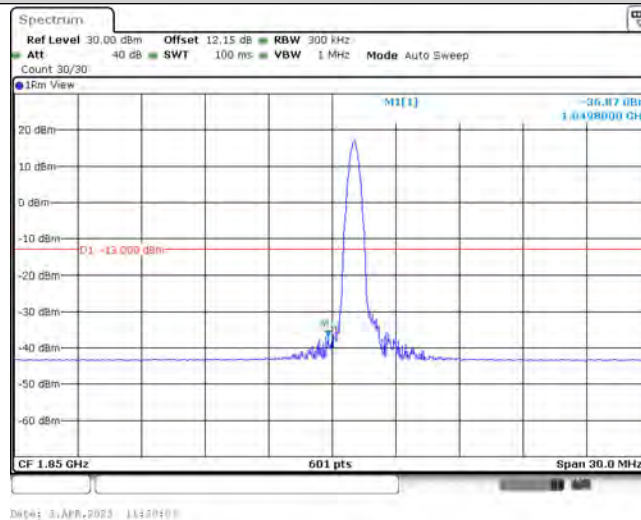
Band2-10MHz-16QAM-18650-6-0-Low--30.14-PASS



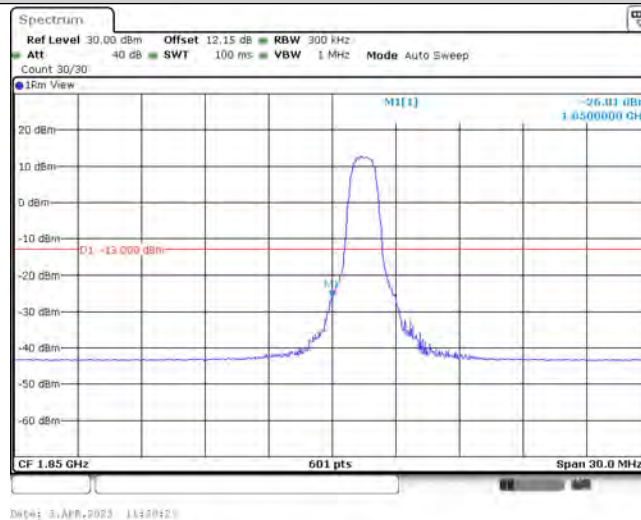
Band2-10MHz-16QAM-19150-1-0-High--37.85-PASS



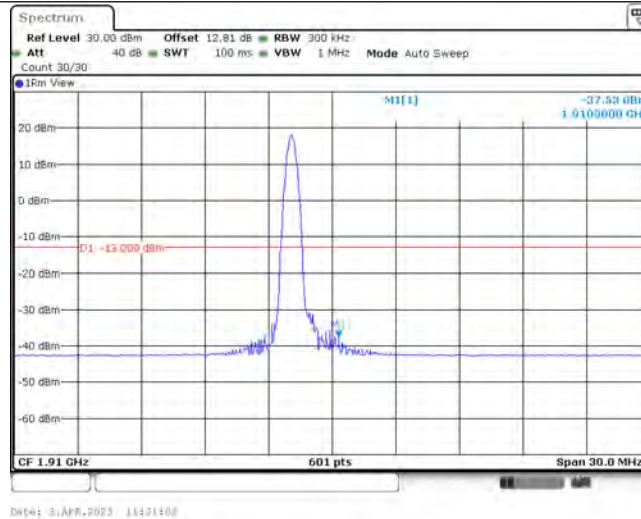
Band2-10MHz-16QAM-19150-6-0-High--28.35-PASS



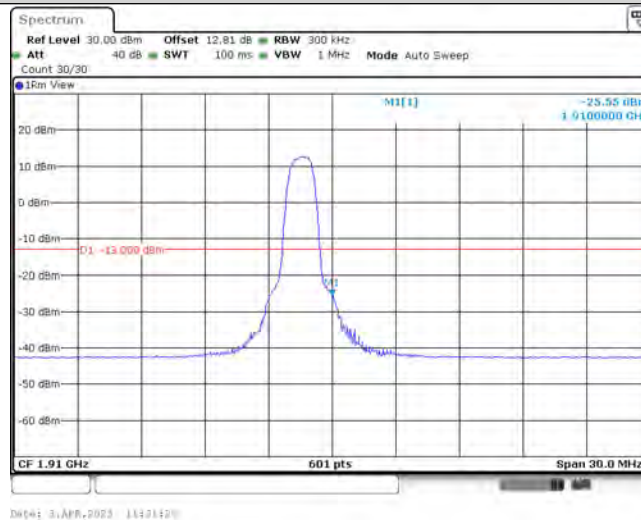
Band2-15MHz-QPSK-18675-1-0-Low--36.87-PASS



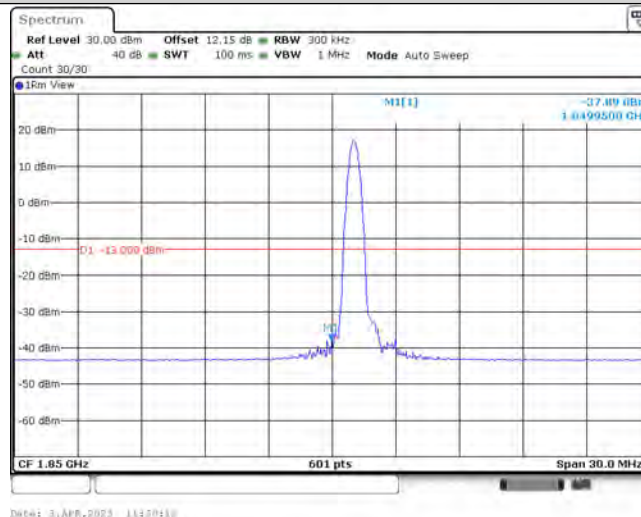
Band2-15MHz-QPSK-18675-6-0-Low--26.01-PASS



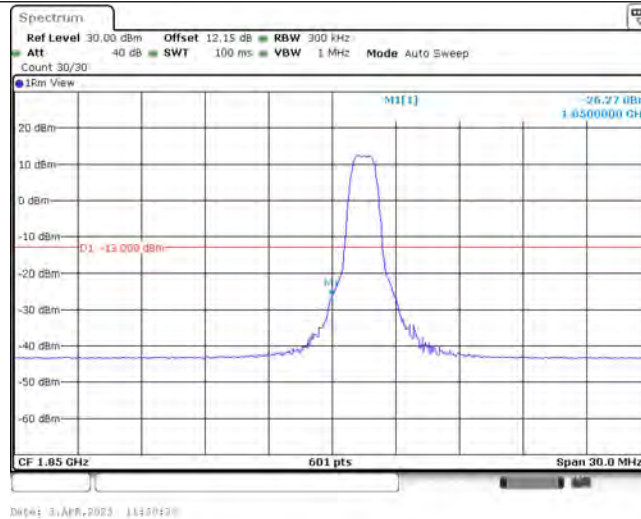
Band2-15MHz-QPSK-19125-1-0-High--37.53-PASS



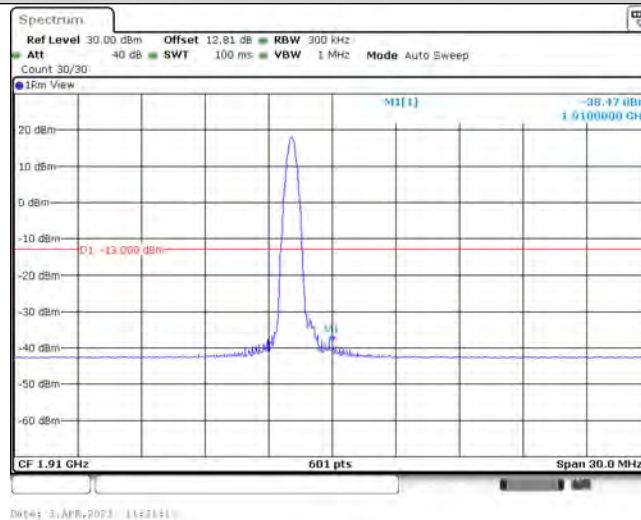
Band2-15MHz-QPSK-19125-6-0-High--25.55-PASS



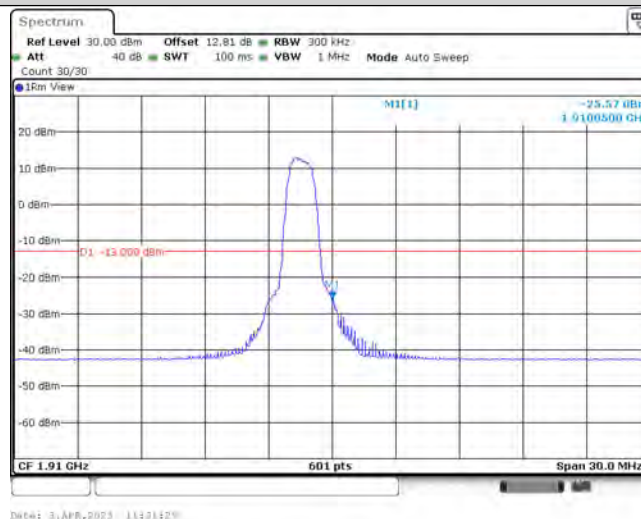
Band2-15MHz-16QAM-18675-1-0-Low--37.89-PASS



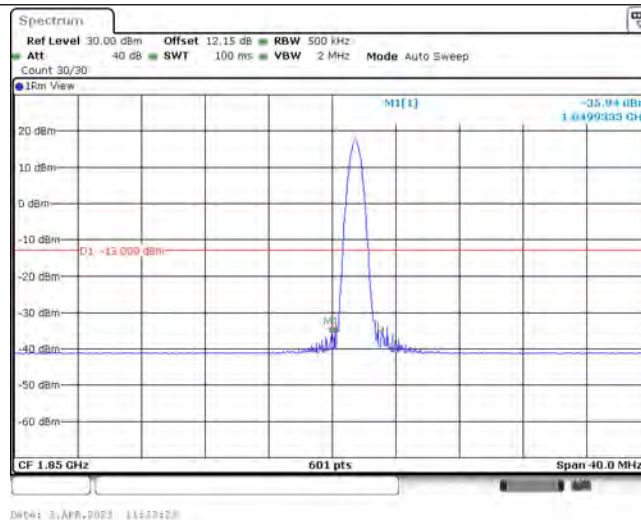
Band2-15MHz-16QAM-18675-6-0-Low--26.27-PASS



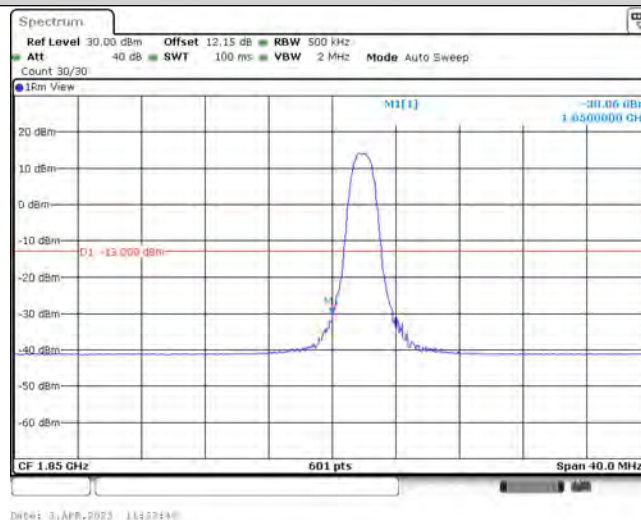
Band2-15MHz-16QAM-19125-1-0-High--38.47-PASS



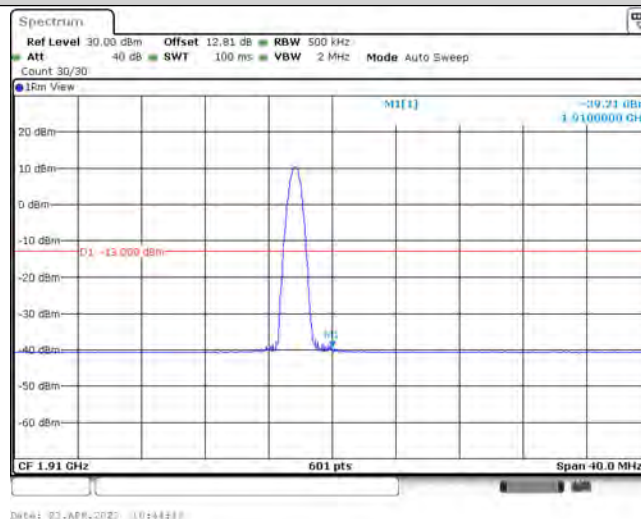
Band2-15MHz-16QAM-19125-6-0-High--25.57-PASS



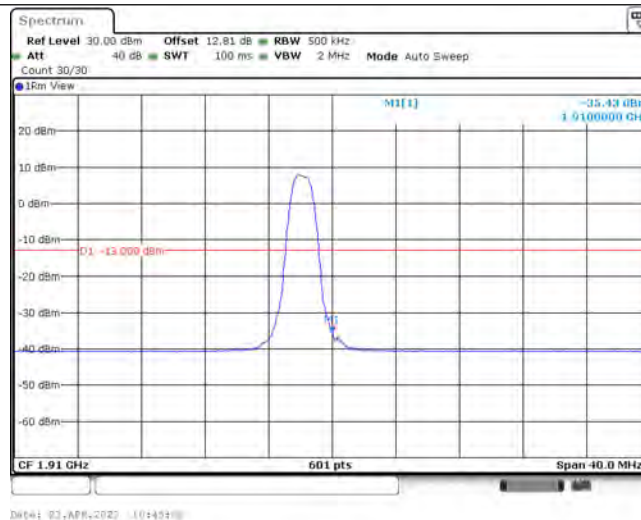
Band2-20MHz-QPSK-18700-1-0-Low--35.94-PASS



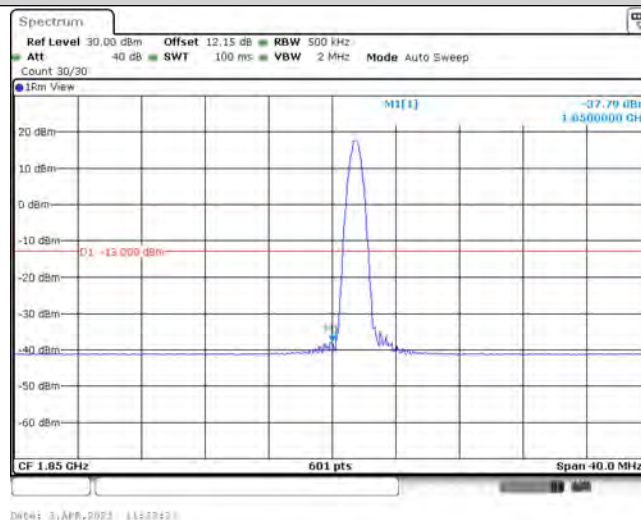
Band2-20MHz-QPSK-18700-6-0-Low--30.06-PASS



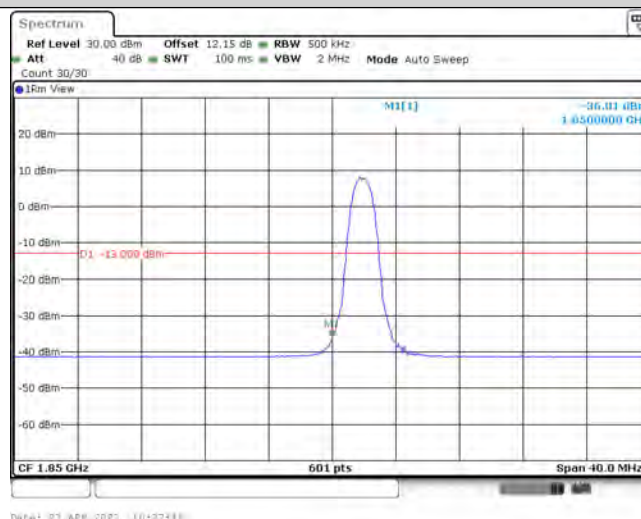
Band2-20MHz-QPSK-19100-1-0-High--39.21-PASS



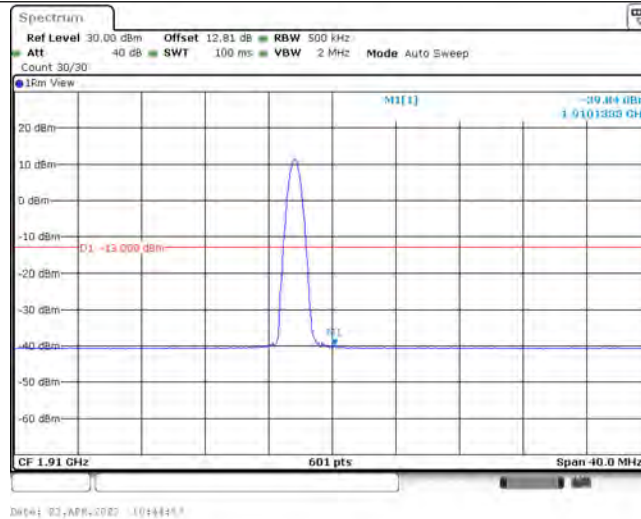
Band2-20MHz-QPSK-19100-6-0-High--35.43-PASS



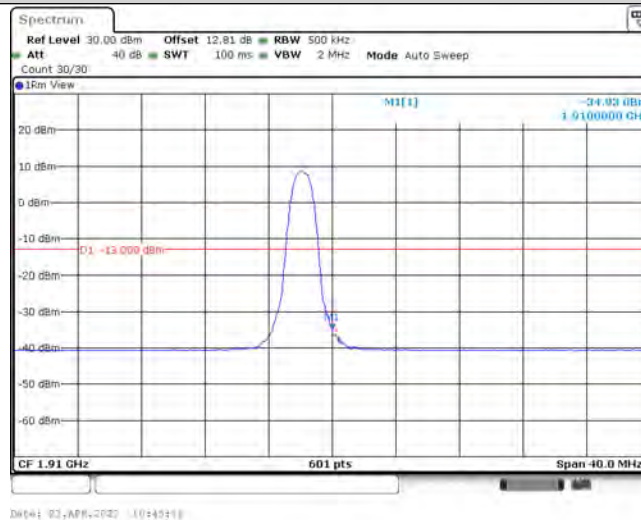
Band2-20MHz-16QAM-18700-1-0-Low--37.79-PASS



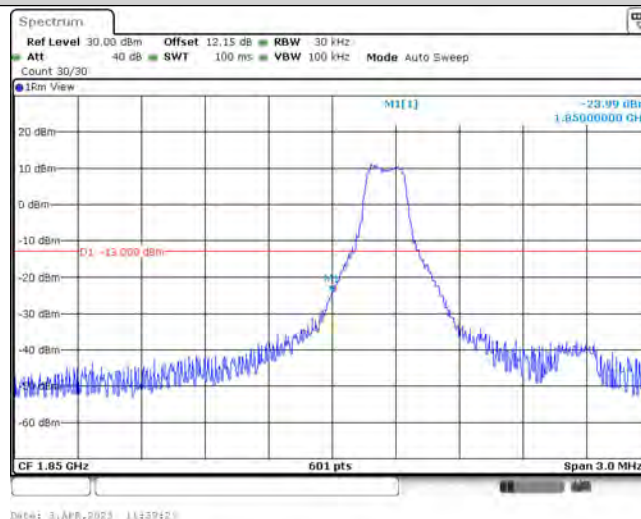
Band2-20MHz-16QAM-18700-6-0-Low--36.01-PASS



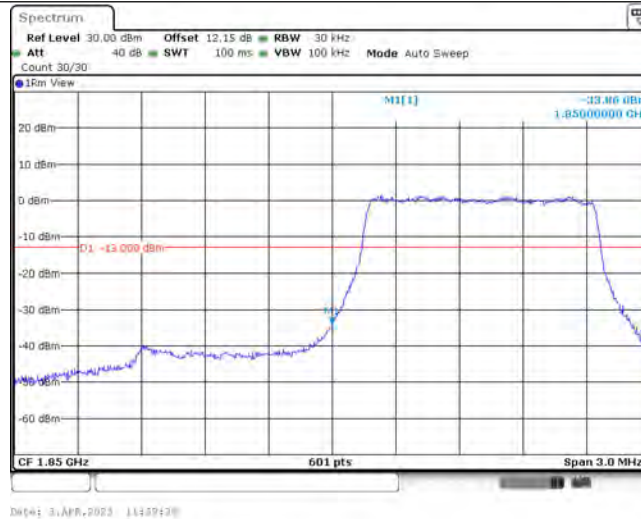
Band2-20MHz-16QAM-19100-1-0-High--39.84-PASS



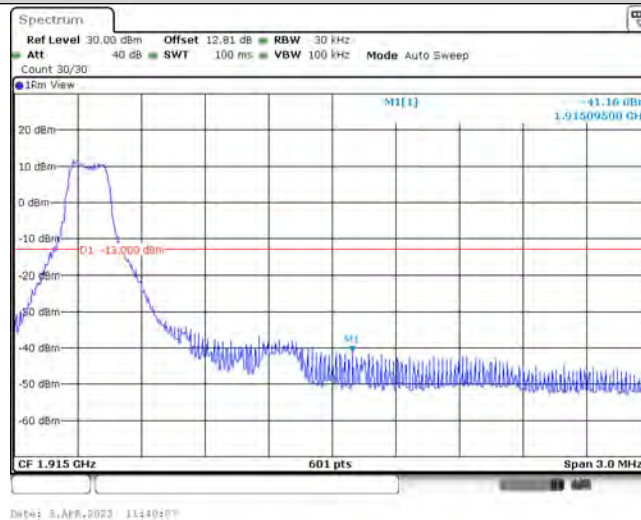
Band2-20MHz-16QAM-19100-6-0-High--34.93-PASS



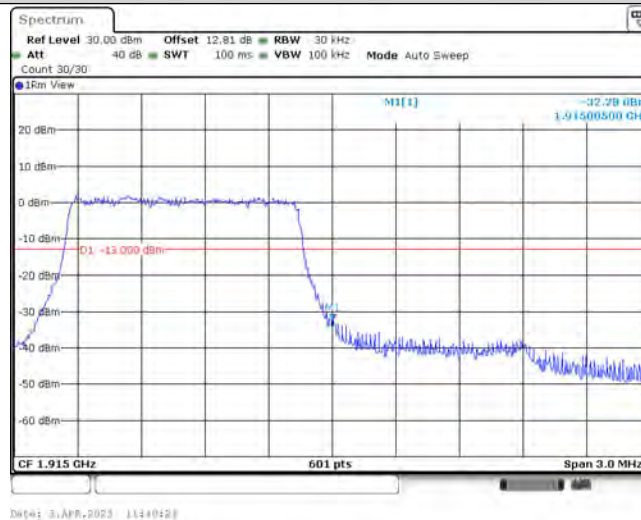
Band25-1.4MHz-QPSK-26047-1-0-Low--23.99-PASS



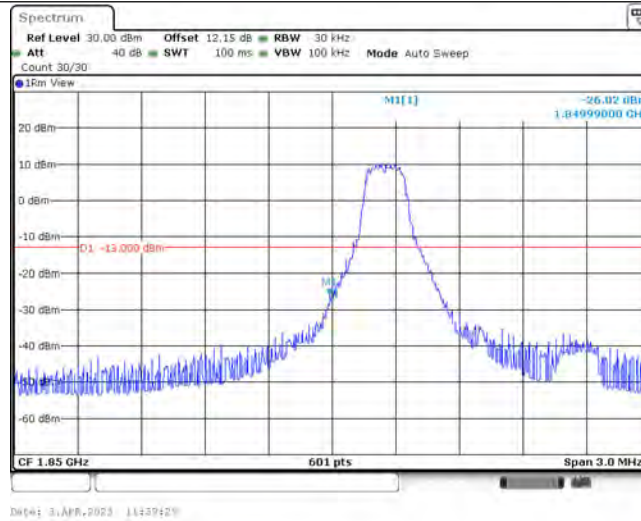
Band25-1.4MHz-QPSK-26047-6-0-Low--33.86-PASS



Band25-1.4MHz-QPSK-26683-1-0-High--41.16-PASS



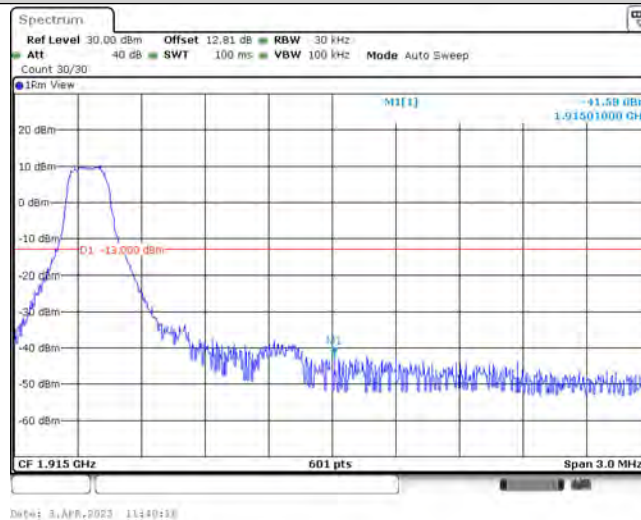
Band25-1.4MHz-QPSK-26683-6-0-High--32.28-PASS



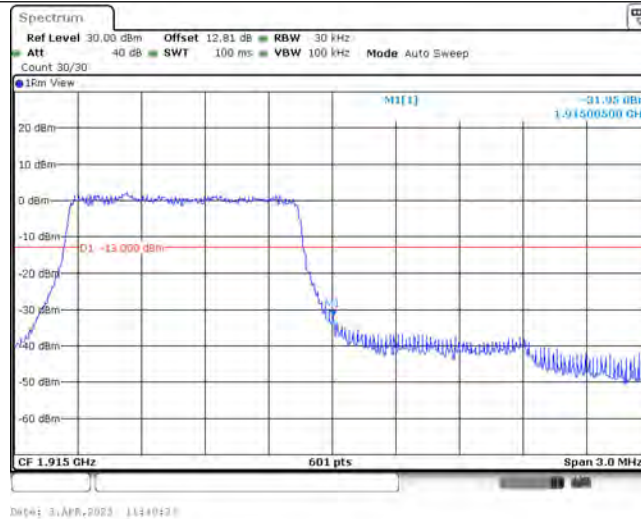
Band25-1.4MHz-16QAM-26047-1-0-Low--26.02-PASS



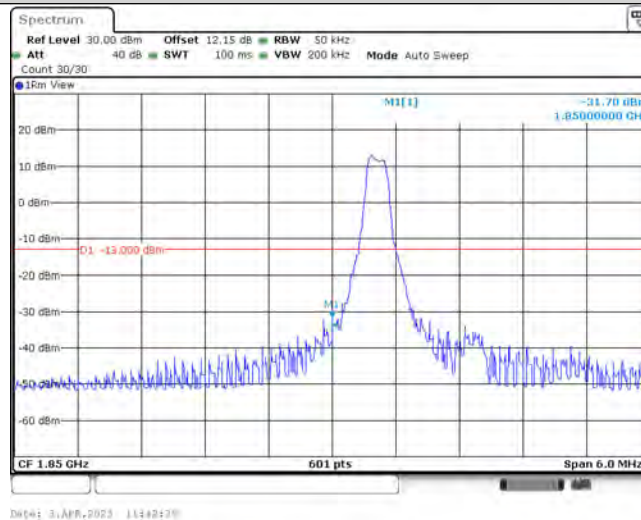
Band25-1.4MHz-16QAM-26047-6-0-Low--33.73-PASS



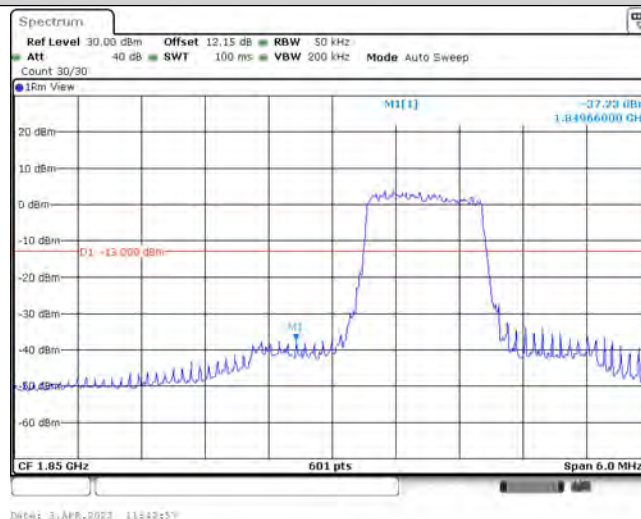
Band25-1.4MHz-16QAM-26683-1-0-High--41.58-PASS



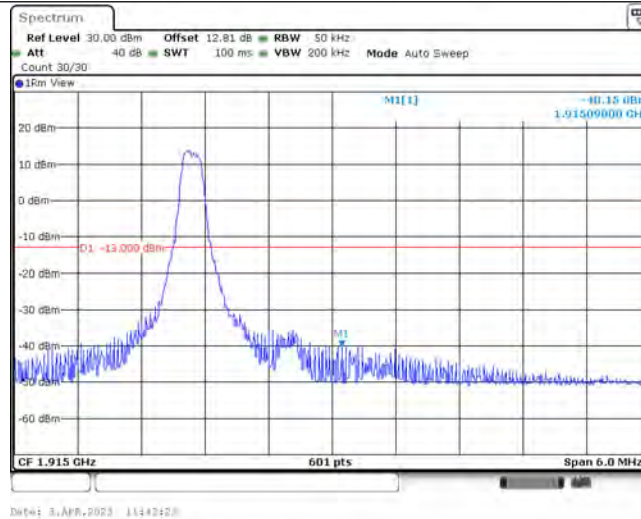
Band25-1.4MHz-16QAM-26683-6-0-High--31.95-PASS



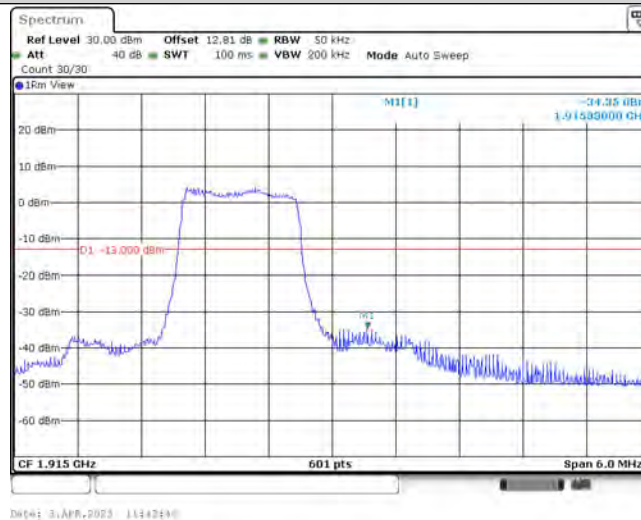
Band25-3MHz-QPSK-26055-1-0-Low--31.70-PASS



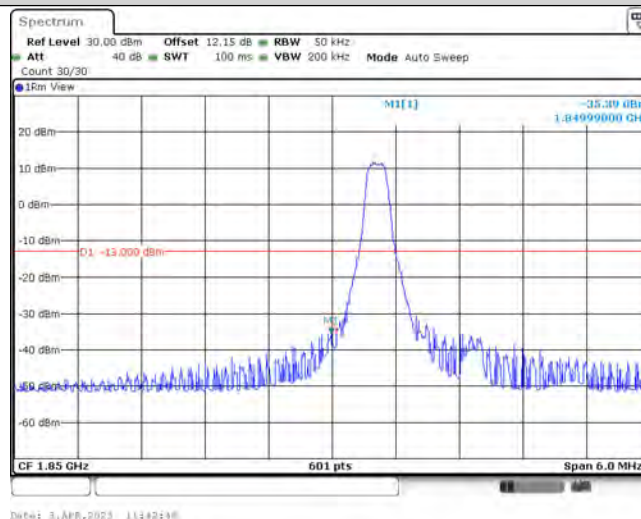
Band25-3MHz-QPSK-26055-6-0-Low--37.23-PASS



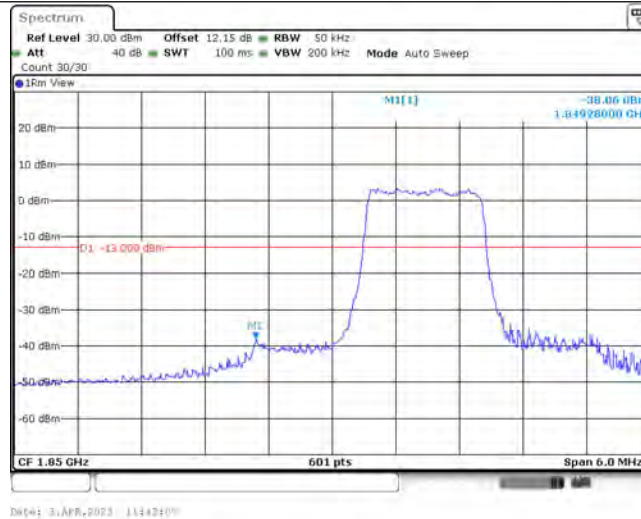
Band25-3MHz-QPSK-26675-1-0-High--40.15-PASS



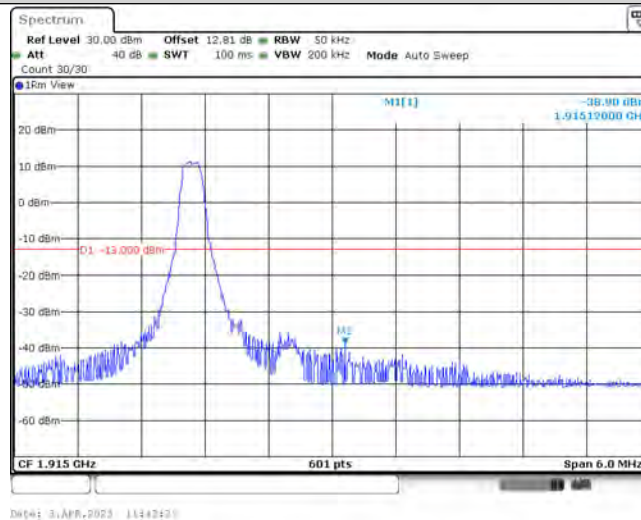
Band25-3MHz-QPSK-26675-6-0-High--34.35-PASS



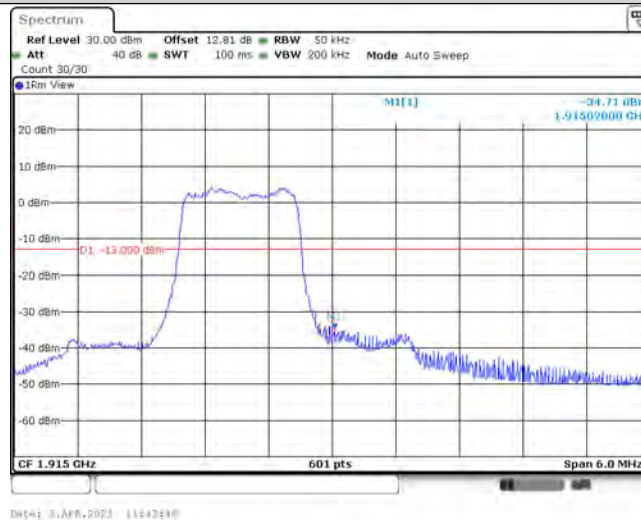
Band25-3MHz-16QAM-26055-1-0-Low--35.39-PASS



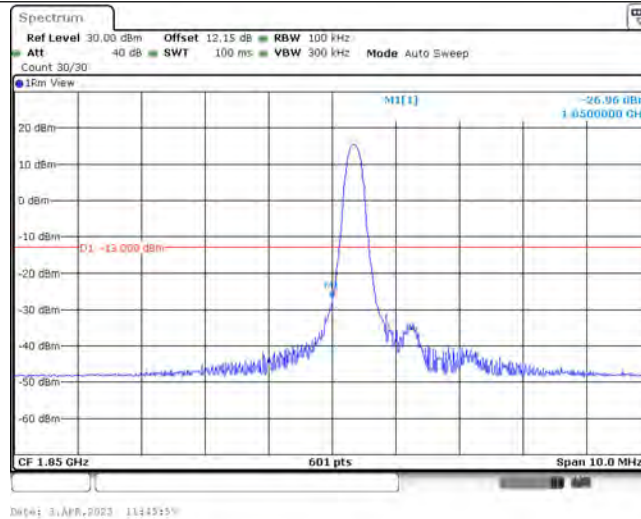
Band25-3MHz-16QAM-26055-6-0-Low--38.06-PASS



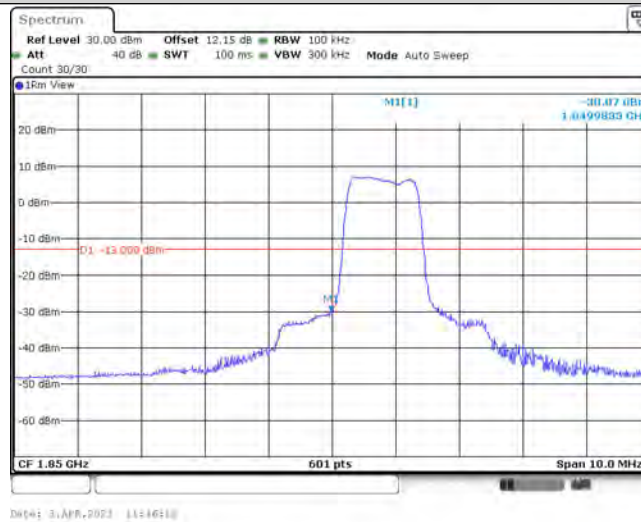
Band25-3MHz-16QAM-26675-1-0-High--38.90-PASS



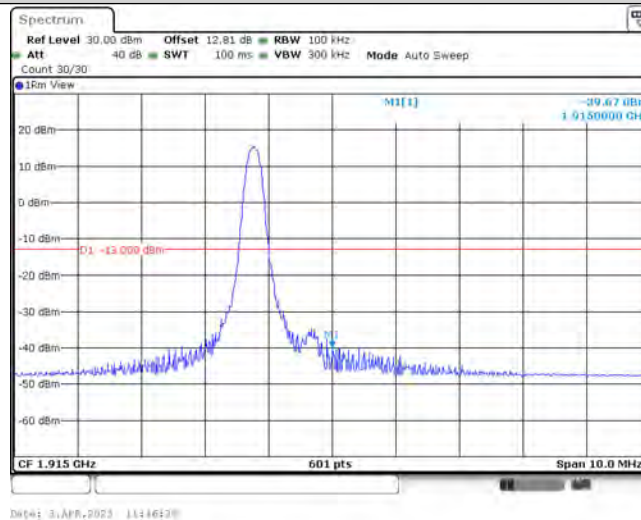
Band25-3MHz-16QAM-26675-6-0-High--34.71-PASS



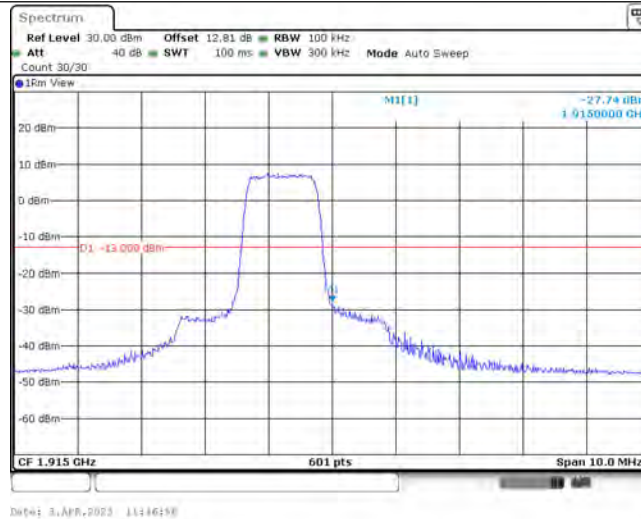
Band25-5MHz-QPSK-26065-1-0-Low--26.96-PASS



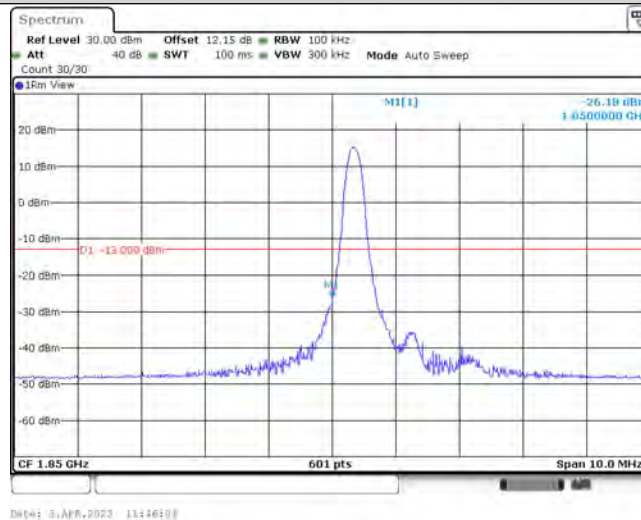
Band25-5MHz-QPSK-26065-6-0-Low--30.07-PASS



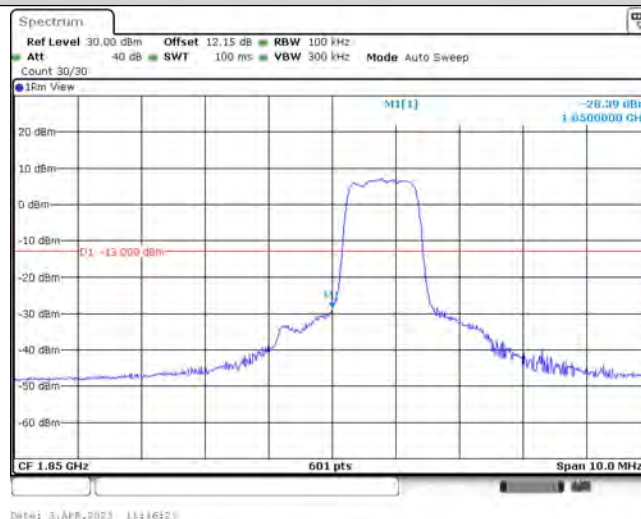
Band25-5MHz-QPSK-26665-1-0-High--39.67-PASS



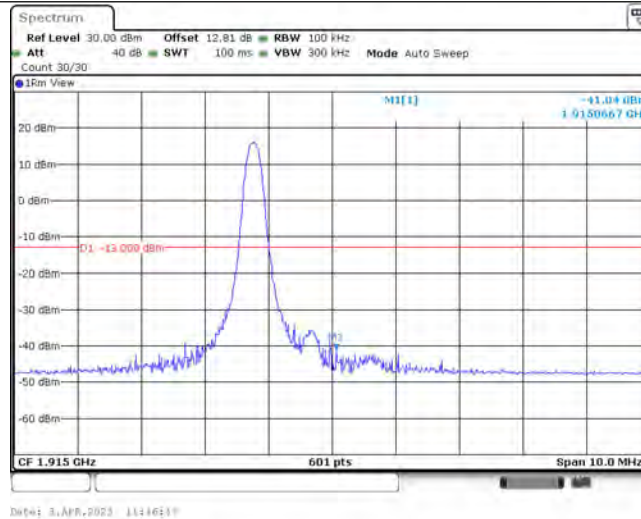
Band25-5MHz-QPSK-26665-6-0-High--27.74-PASS



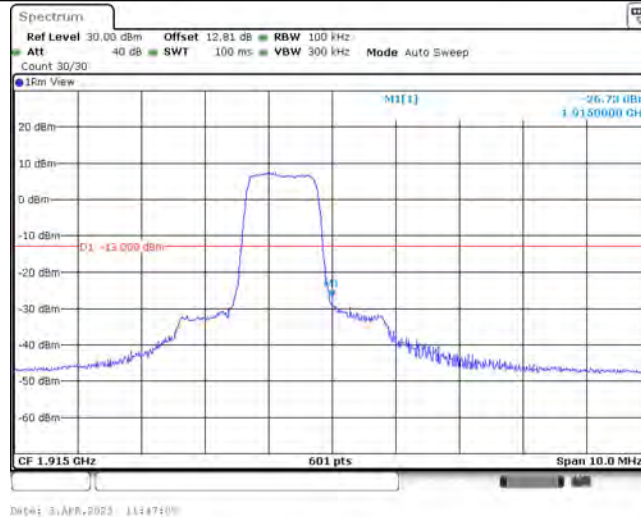
Band25-5MHz-16QAM-26065-1-0-Low--26.18-PASS



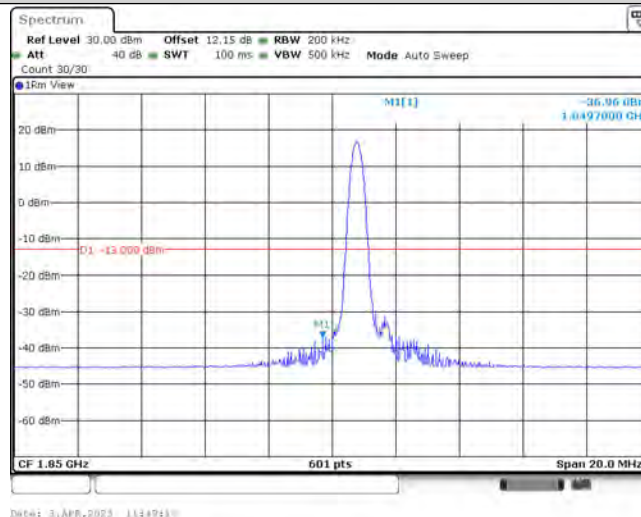
Band25-5MHz-16QAM-26065-6-0-Low--28.39-PASS



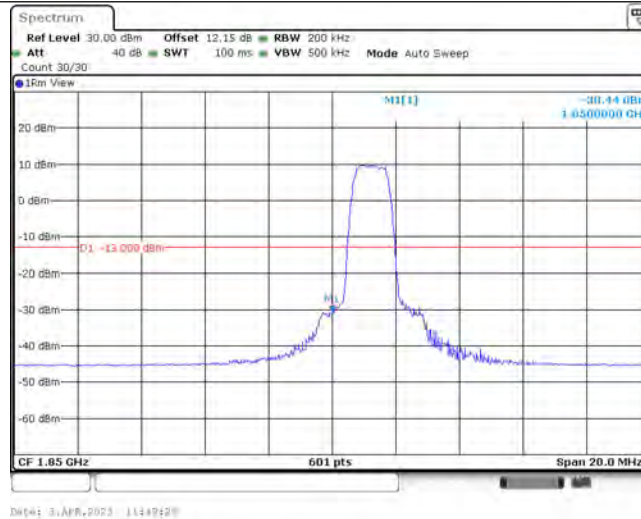
Band25-5MHz-16QAM-26665-1-0-High--41.04-PASS



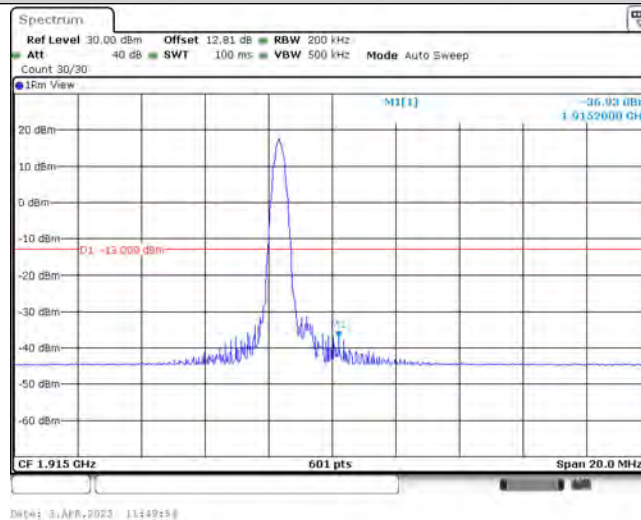
Band25-5MHz-16QAM-26665-6-0-High--26.73-PASS



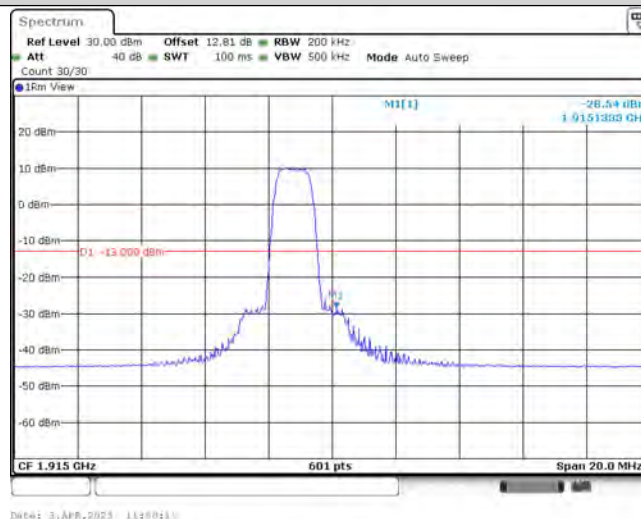
Band25-10MHz-QPSK-26090-1-0-Low--36.96-PASS



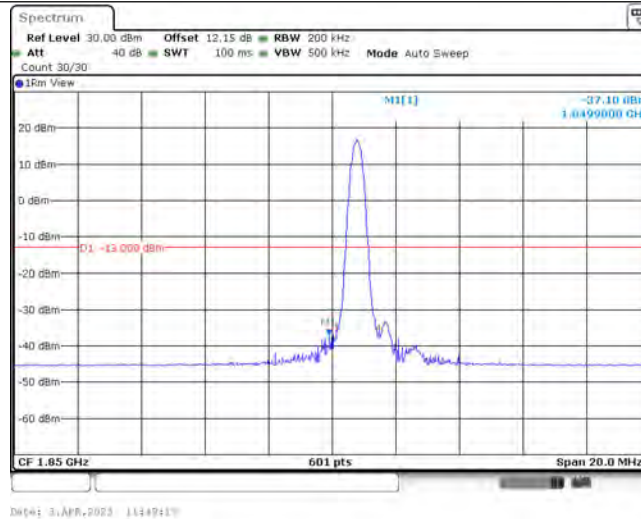
Band25-10MHz-QPSK-26090-6-0-Low--30.44-PASS



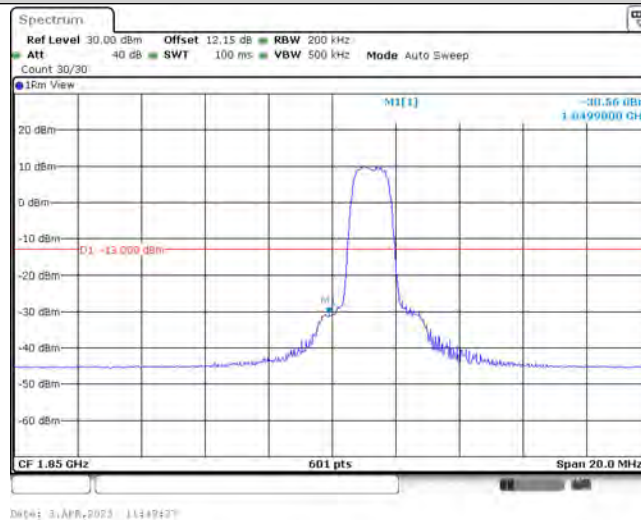
Band25-10MHz-QPSK-26640-1-0-High--36.93-PASS



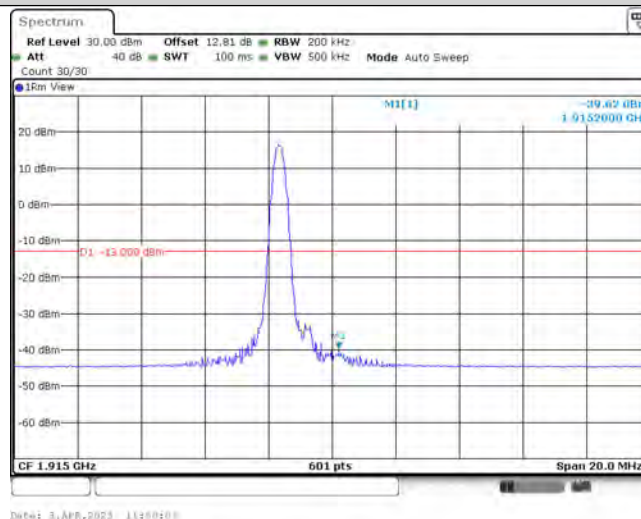
Band25-10MHz-QPSK-26640-6-0-High--28.54-PASS



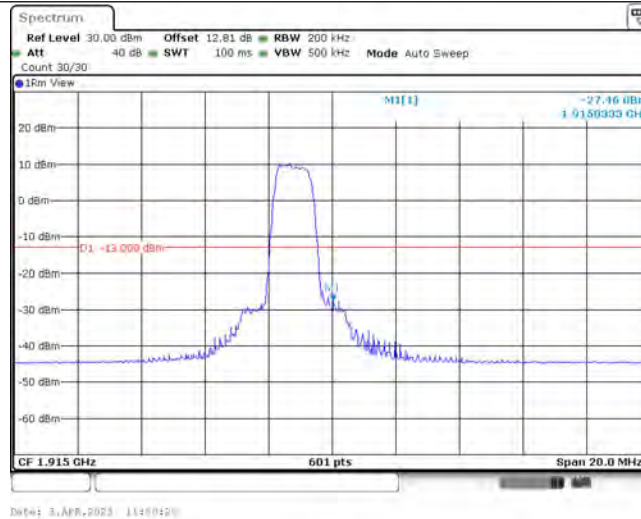
Band25-10MHz-16QAM-26090-1-0-Low--37.10-PASS



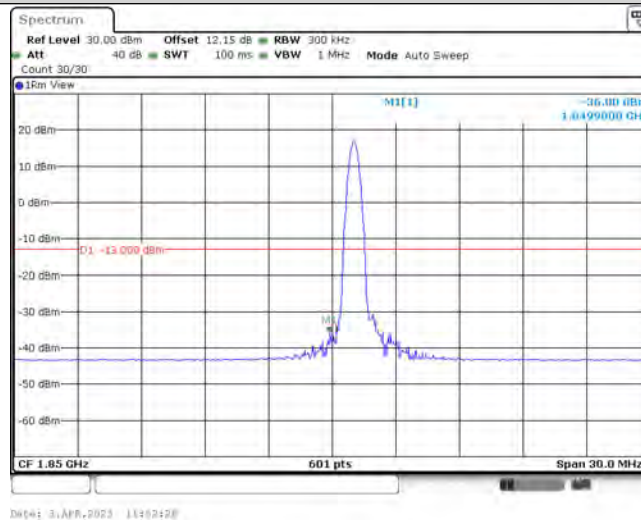
Band25-10MHz-16QAM-26090-6-0-Low--30.56-PASS



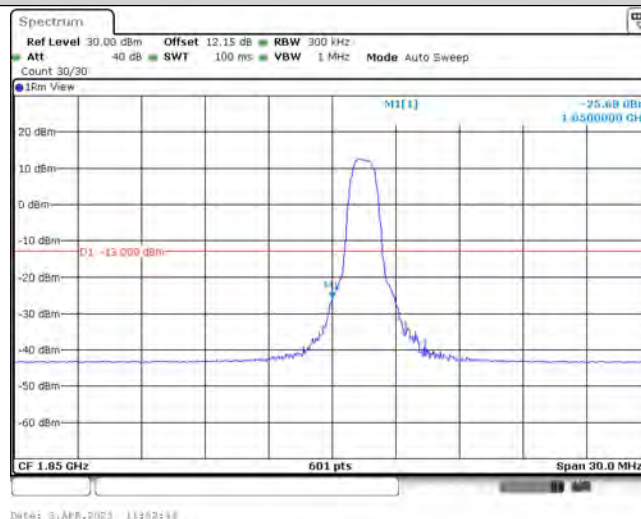
Band25-10MHz-16QAM-26640-1-0-High--39.62-PASS



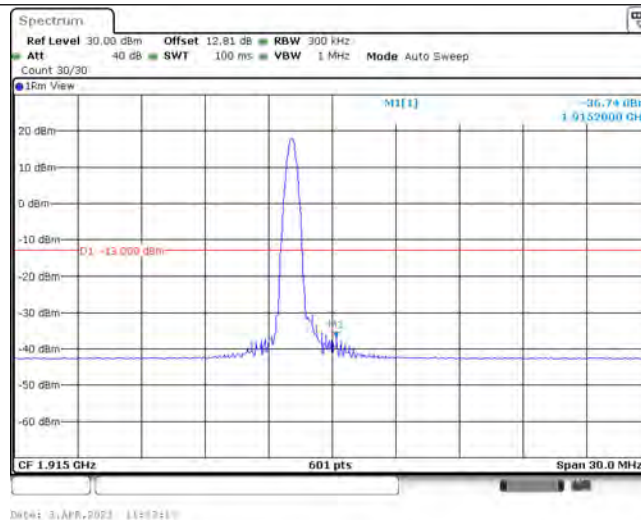
Band25-10MHz-16QAM-26640-6-0-High--27.46-PASS



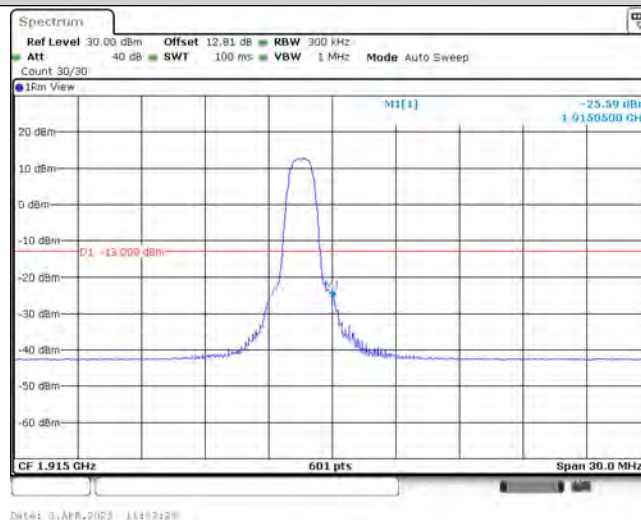
Band25-15MHz-QPSK-26115-1-0-Low--36.00-PASS



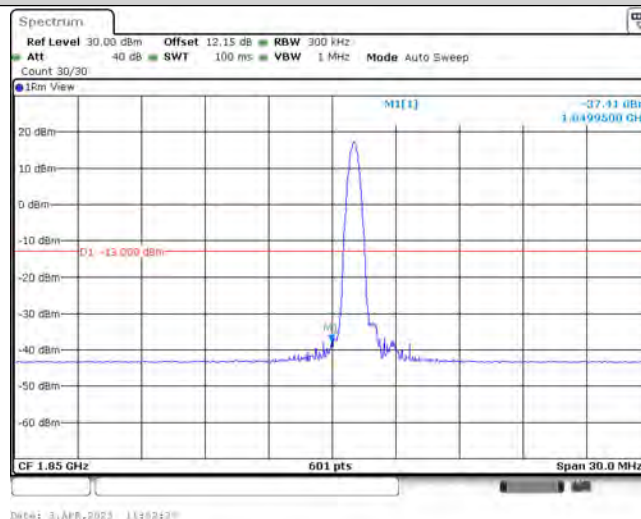
Band25-15MHz-QPSK-26115-6-0-Low--25.68-PASS



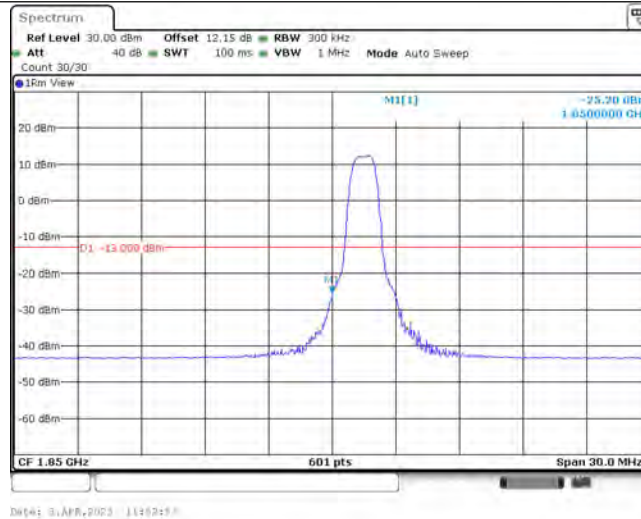
Band25-15MHz-QPSK-26615-1-0-High--36.74-PASS



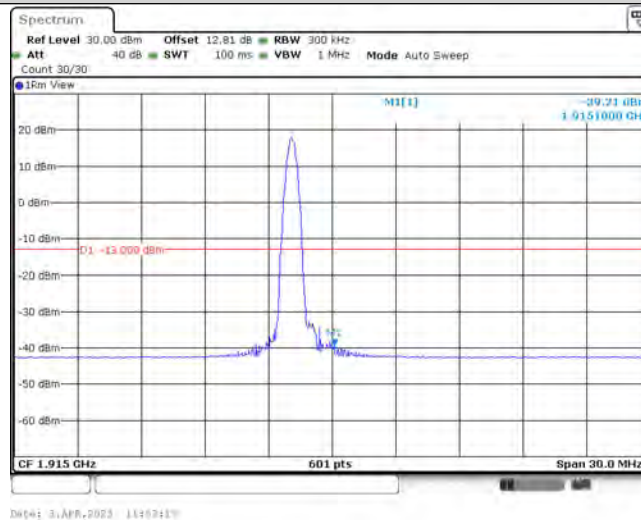
Band25-15MHz-QPSK-26615-6-0-High--25.59-PASS



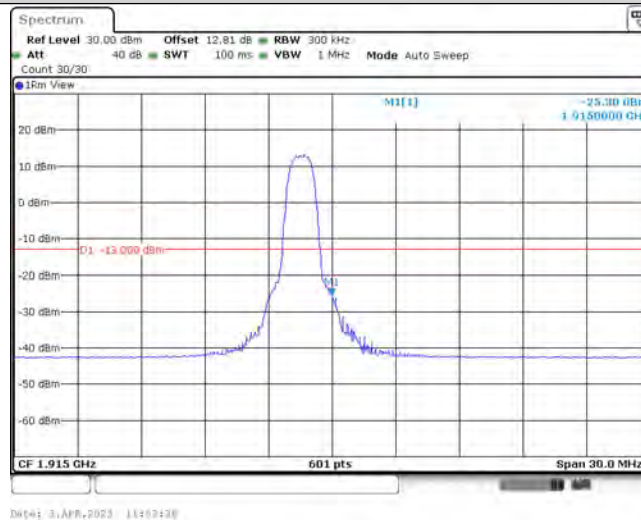
Band25-15MHz-16QAM-26115-1-0-Low--37.41-PASS



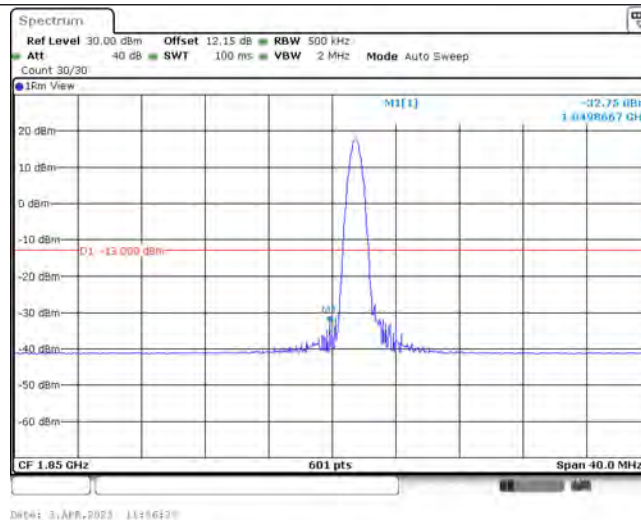
Band25-15MHz-16QAM-26115-6-0-Low--25.20-PASS



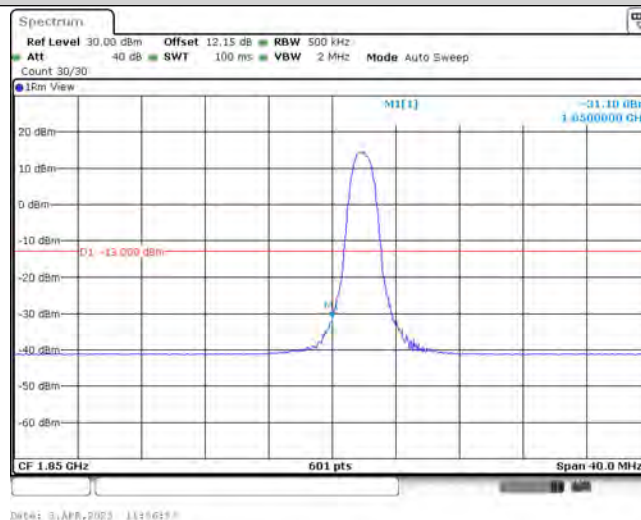
Band25-15MHz-16QAM-26615-1-0-High--39.21-PASS



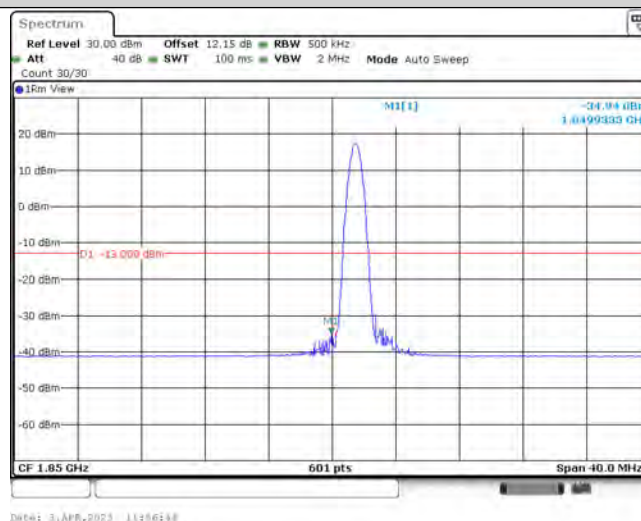
Band25-15MHz-16QAM-26615-6-0-High--25.30-PASS



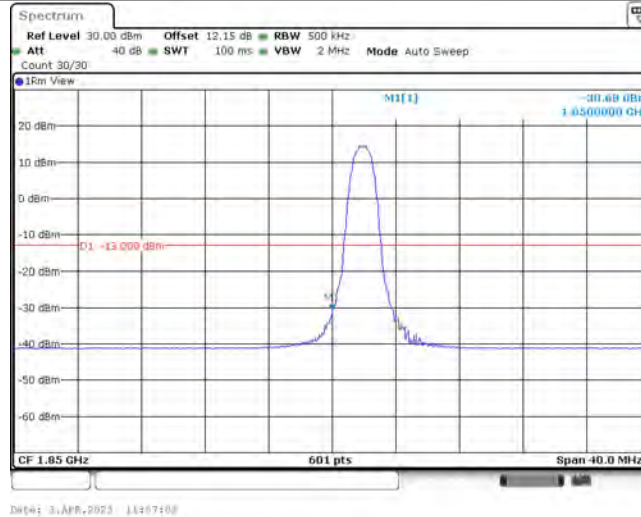
Band25-20MHz-QPSK-26140-1-0-Low--32.75-PASS



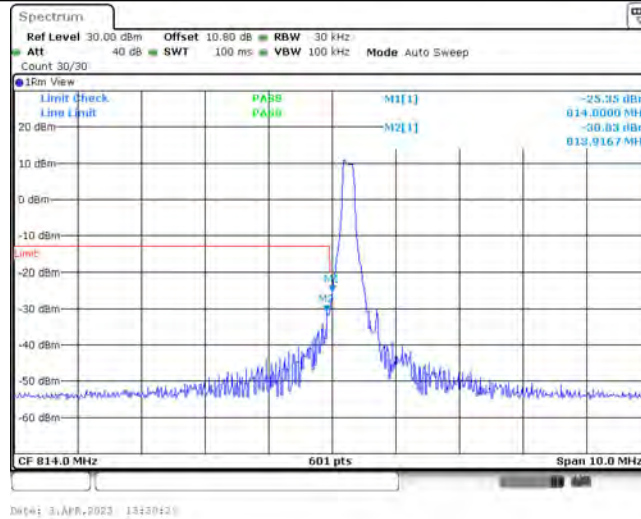
Band25-20MHz-QPSK-26140-6-0-Low--31.10-PASS



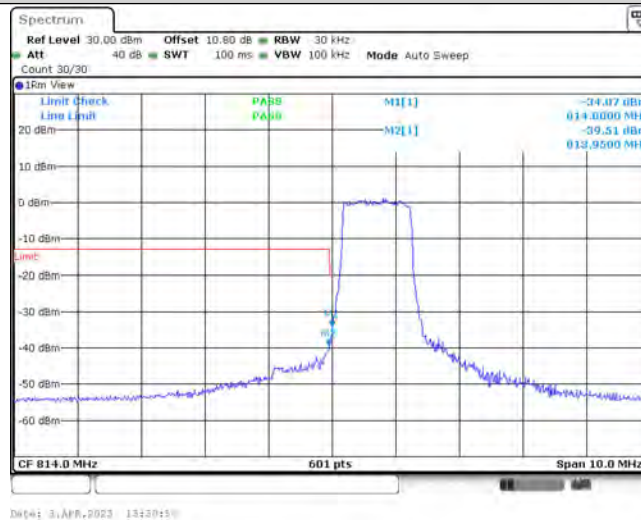
Band25-20MHz-16QAM-26140-1-0-Low--34.94-PASS



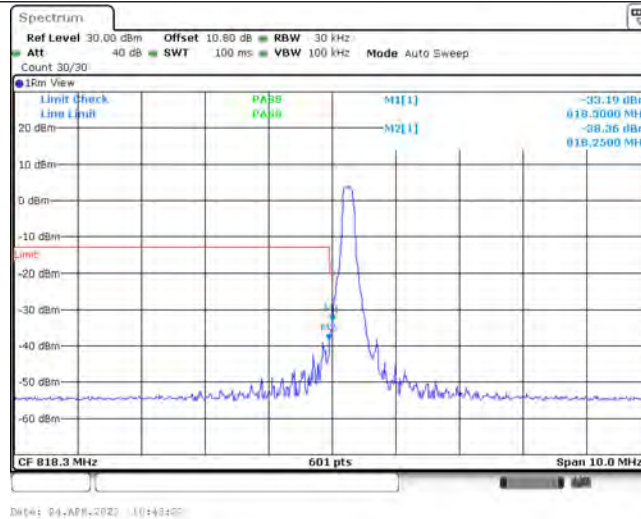
Band25-20MHz-16QAM-26140-6-0-Low--30.68-PASS



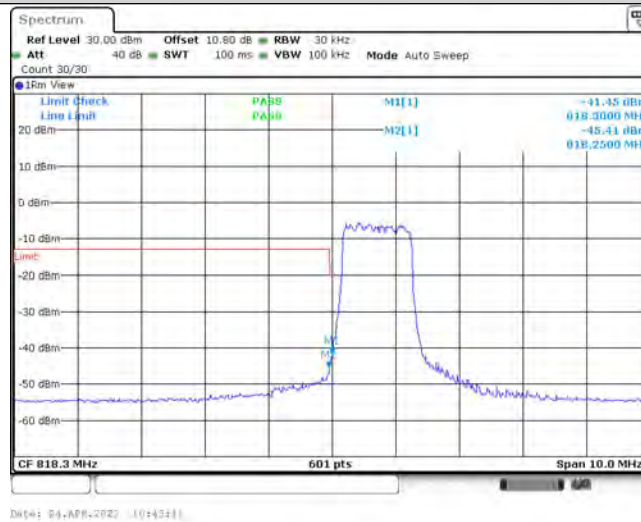
Band26-1.4MHz-QPSK-26697-1-0-Low--25.35,-30.83-PASS



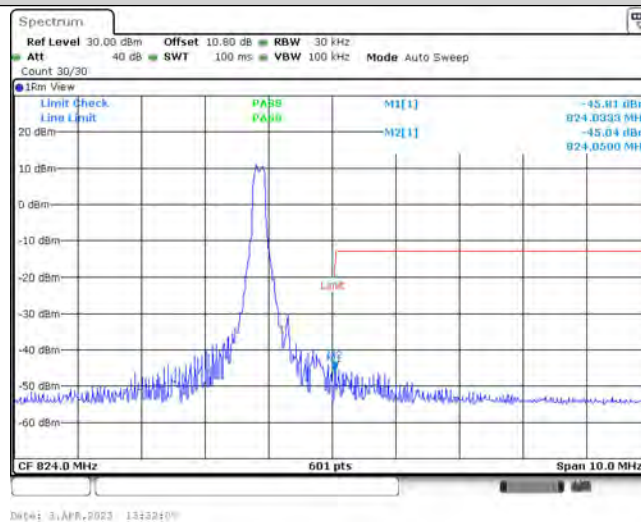
Band26-1.4MHz-QPSK-26697-6-0-Low--34.07,-39.51-PASS



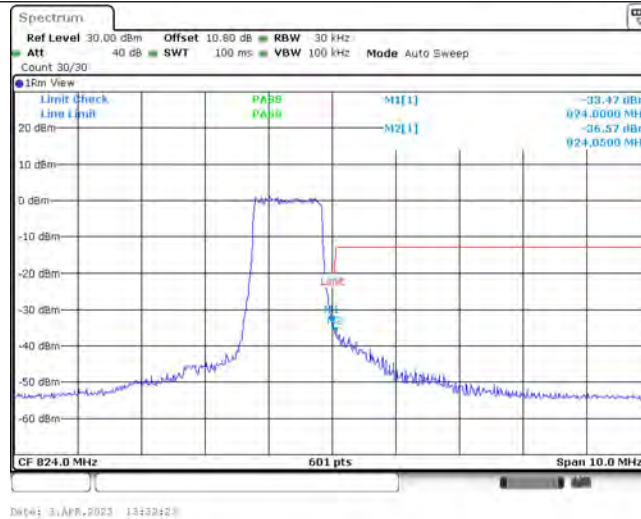
Band26-1.4MHz-QPSK-26740-1-0-Low--33.19,-38.36-PASS



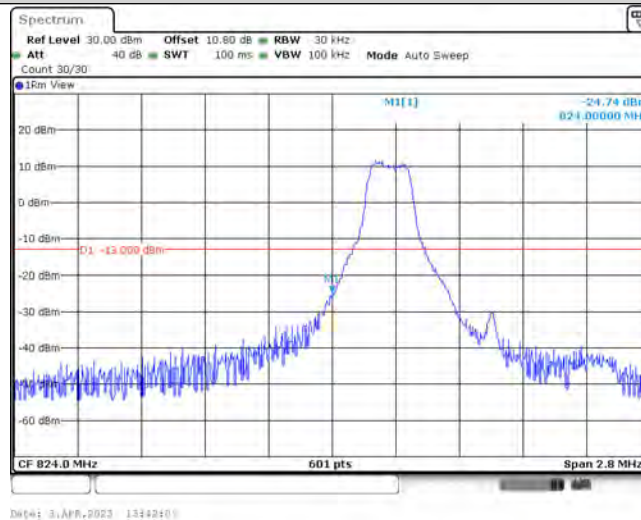
Band26-1.4MHz-QPSK-26740-6-0-Low--41.45,-45.41-PASS



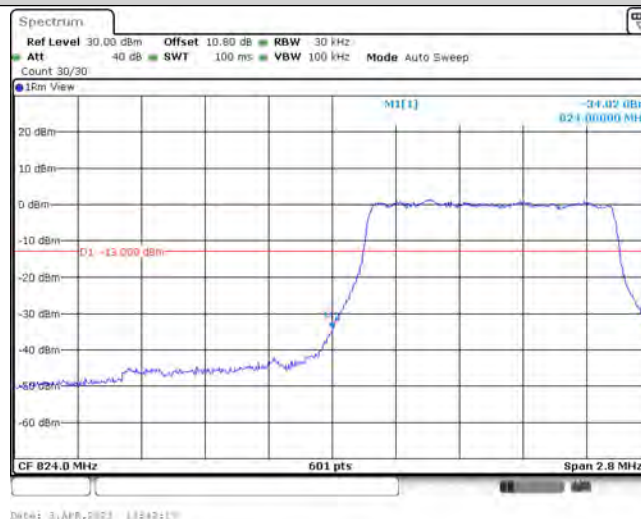
Band26-1.4MHz-QPSK-26783-1-0-High--45.81,-45.04-PASS



Band26-1.4MHz-QPSK-26783-6-0-High--33.47,-36.57-PASS



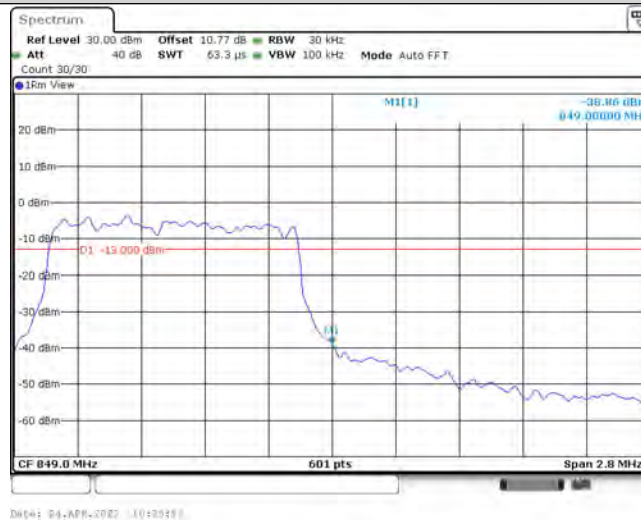
Band26-1.4MHz-QPSK-26797-1-0-Low--24.74-PASS



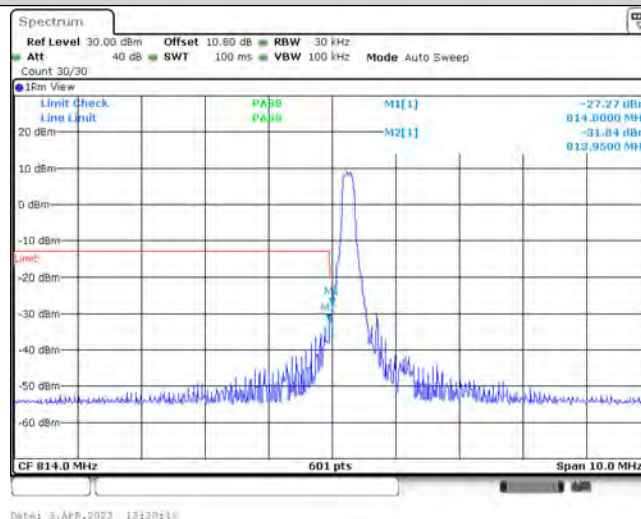
Band26-1.4MHz-QPSK-26797-6-0-Low--34.02-PASS



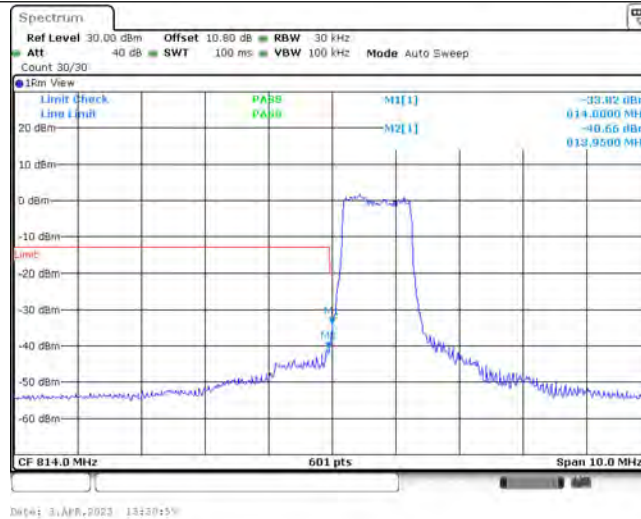
Band26-1.4MHz-QPSK-27033-1-0-High--52.12-PASS



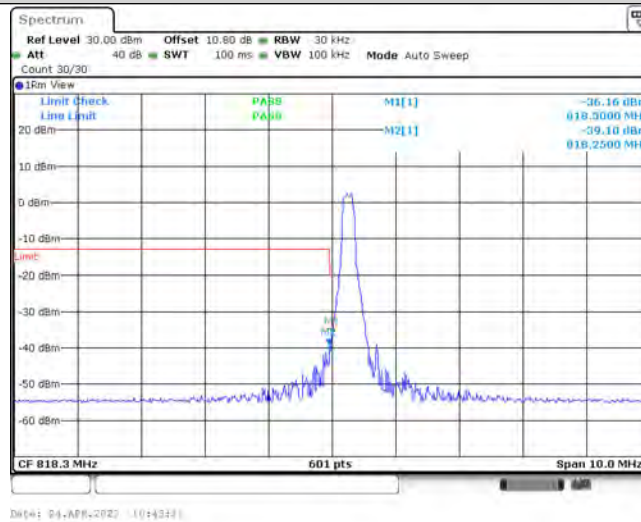
Band26-1.4MHz-QPSK-27033-6-0-High--38.86-PASS



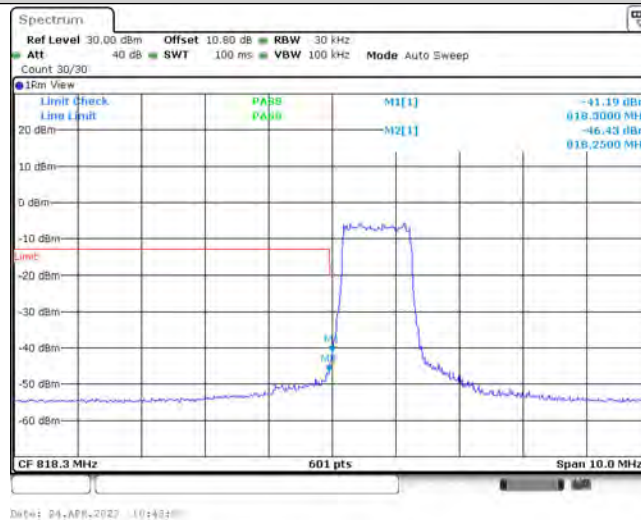
Band26-1.4MHz-16QAM-26697-1-0-Low--27.27,-31.84-PASS



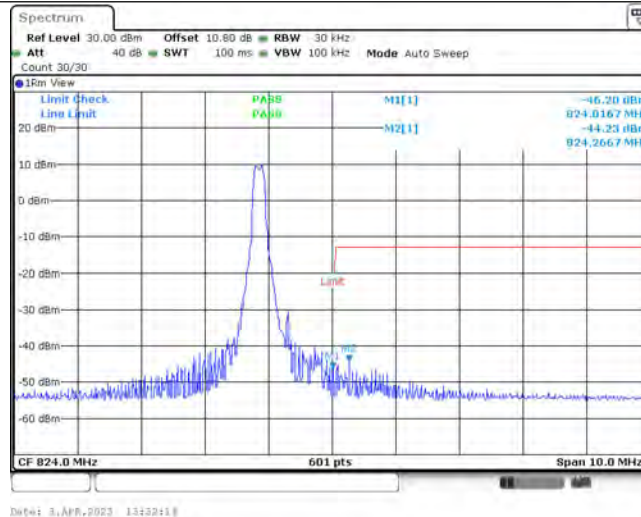
Band26-1.4MHz-16QAM-26697-6-0-Low--33.82,-40.66-PASS



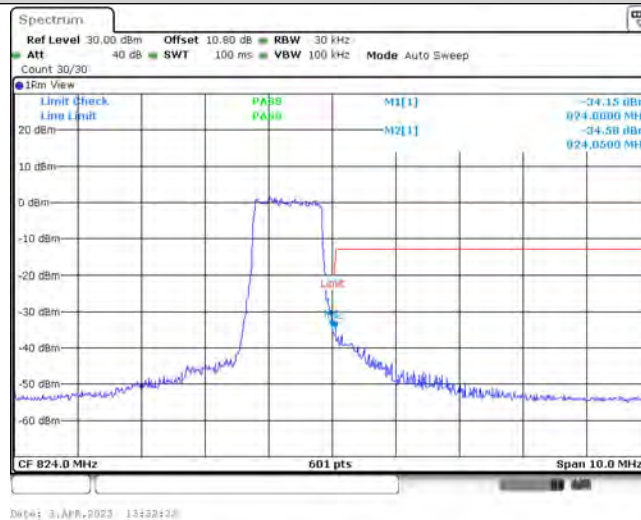
Band26-1.4MHz-16QAM-26740-1-0-Low--36.16,-39.10-PASS



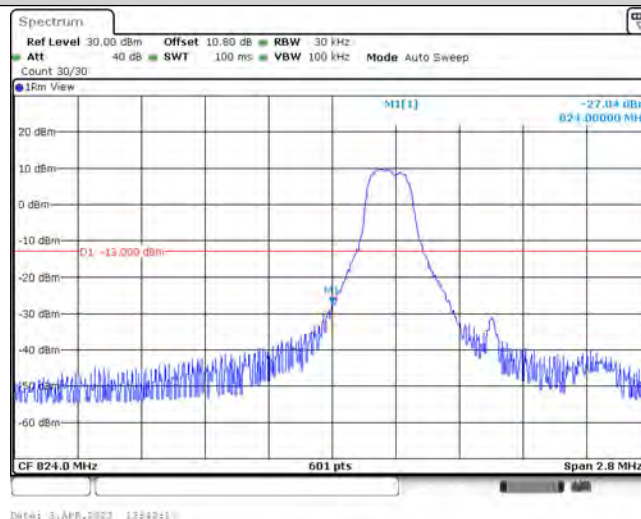
Band26-1.4MHz-16QAM-26740-6-0-Low--41.19,-46.43-PASS



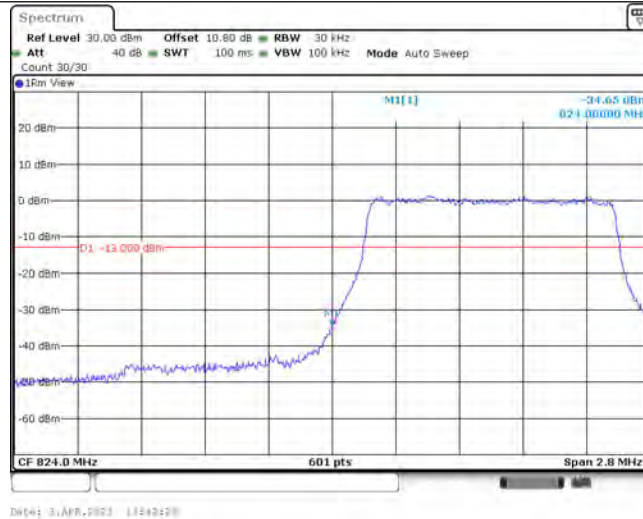
Band26-1.4MHz-16QAM-26783-1-0-High--46.20,-44.23-PASS



Band26-1.4MHz-16QAM-26783-6-0-High--34.15,-34.58-PASS



Band26-1.4MHz-16QAM-26797-1-0-Low--27.04-PASS



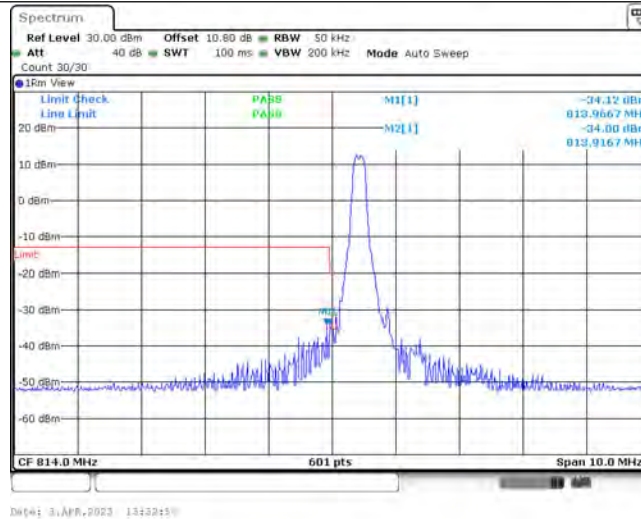
Band26-1.4MHz-16QAM-26797-6-0-Low--34.65-PASS



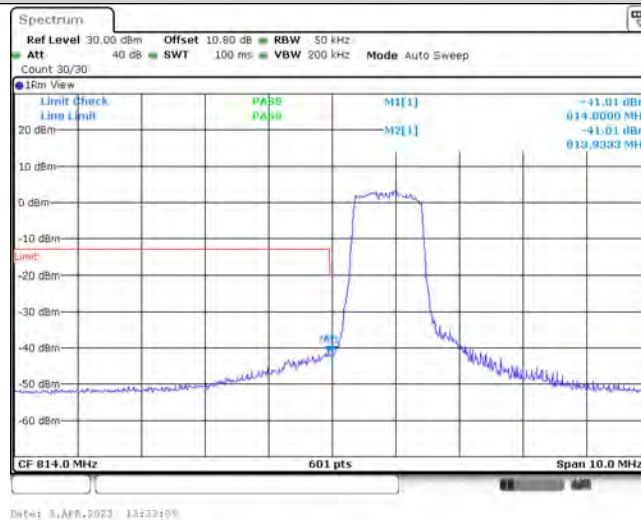
Band26-1.4MHz-16QAM-27033-1-0-High--53.24-PASS



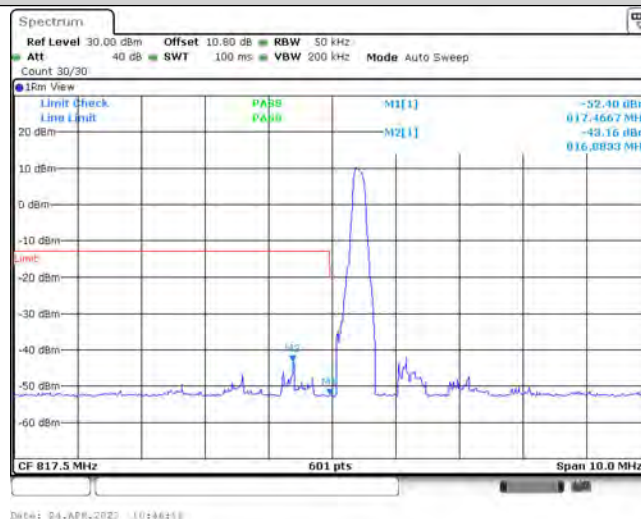
Band26-1.4MHz-16QAM-27033-6-0-High--40.89-PASS



Band26-3MHz-QPSK-26705-1-0-Low--34.12,-34.00-PASS



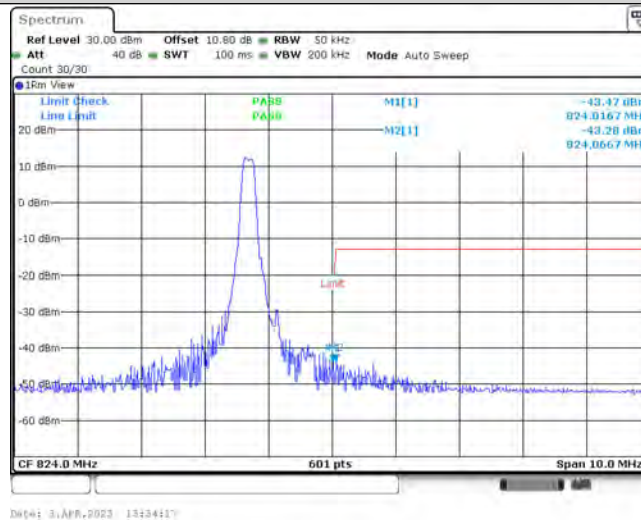
Band26-3MHz-QPSK-26705-6-0-Low--41.01,-41.01-PASS



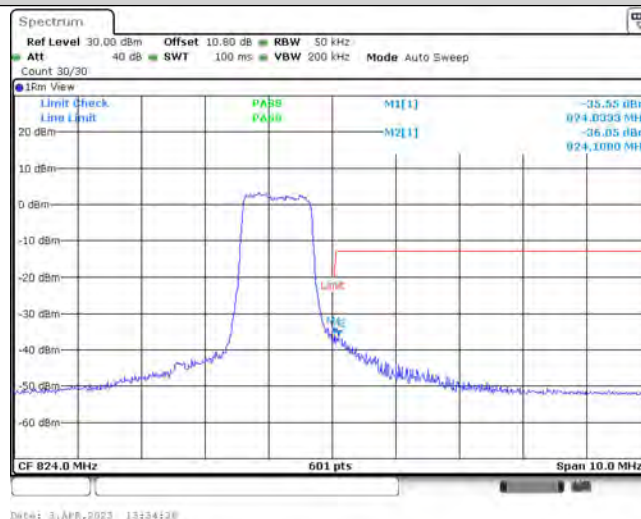
Band26-3MHz-QPSK-26740-1-0-Low--52.40,-43.16-PASS



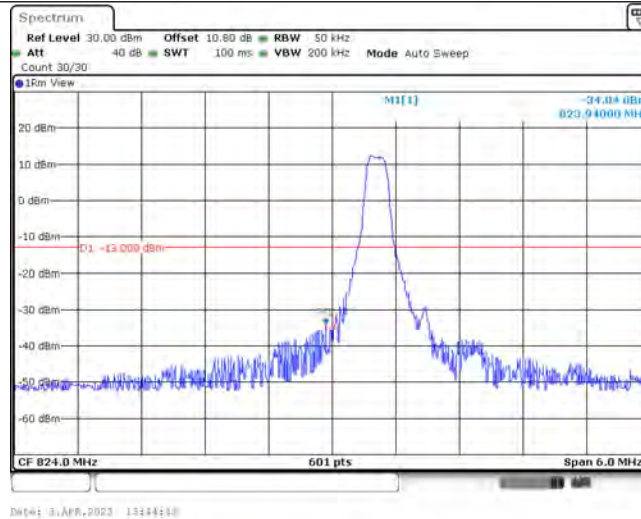
Band26-3MHz-QPSK-26740-6-0-Low--47.56,-47.54-PASS



Band26-3MHz-QPSK-26775-1-0-High--43.47,-43.28-PASS



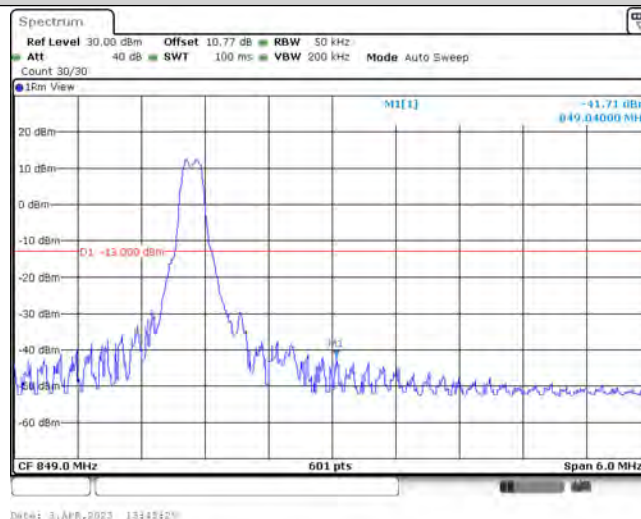
Band26-3MHz-QPSK-26775-6-0-High--35.55,-36.05-PASS



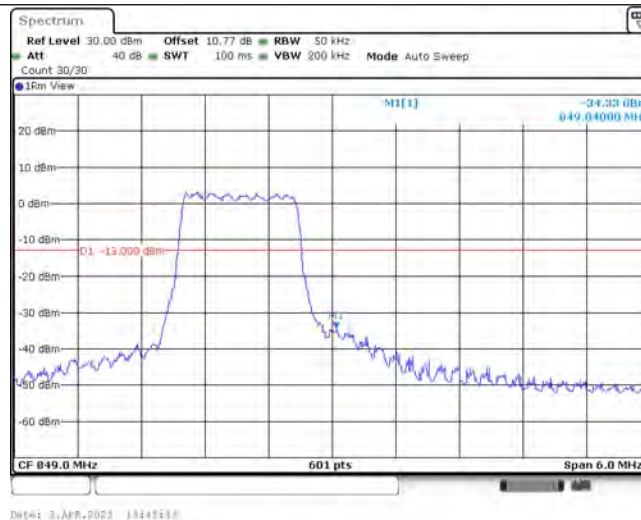
Band26-3MHz-QPSK-26805-1-0-Low--34.04-PASS



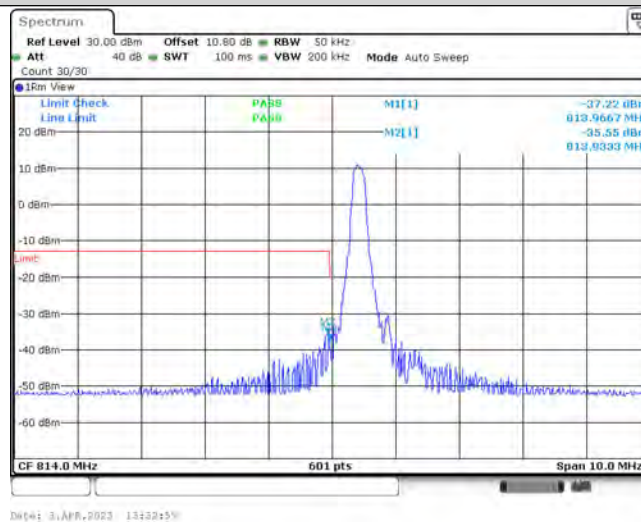
Band26-3MHz-QPSK-26805-6-0-Low--41.18-PASS



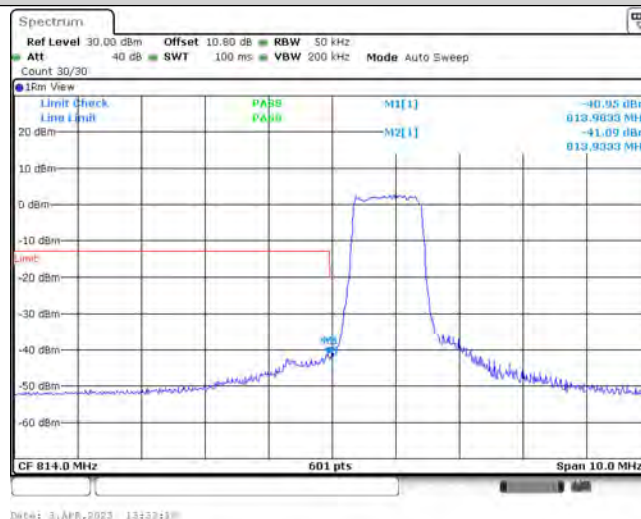
Band26-3MHz-QPSK-27025-1-0-High--41.71-PASS



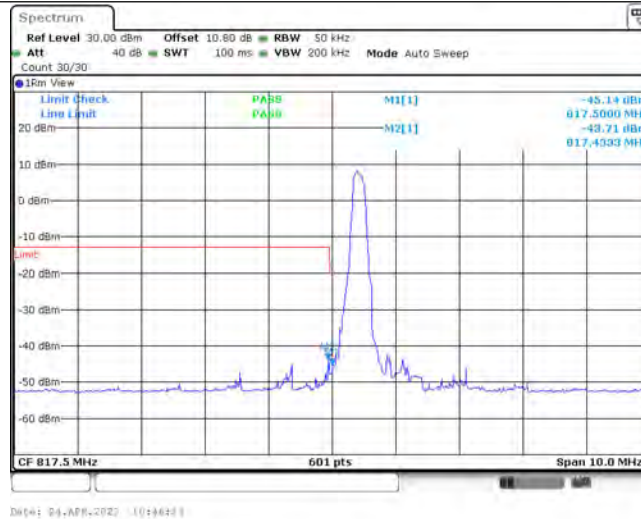
Band26-3MHz-QPSK-27025-6-0-High--34.33-PASS



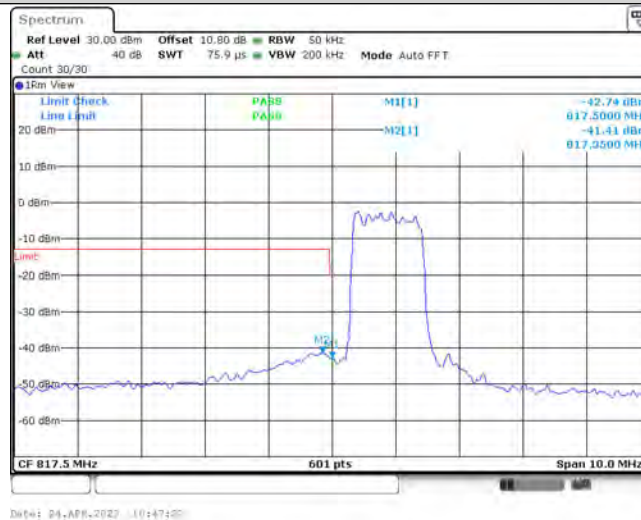
Band26-3MHz-16QAM-26705-1-0-Low--37.22,-35.55-PASS



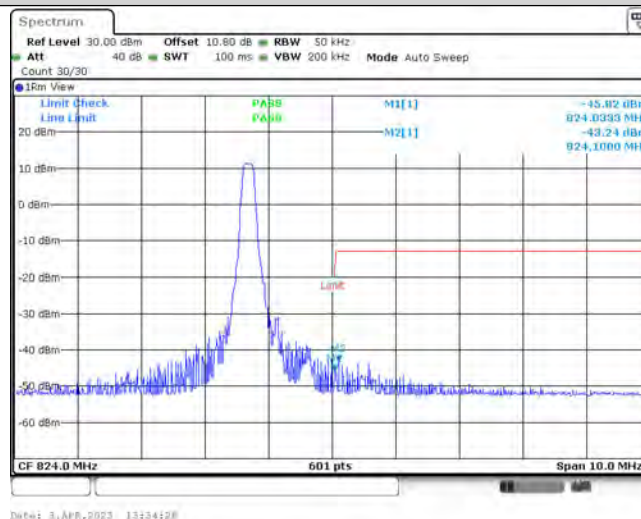
Band26-3MHz-16QAM-26705-6-0-Low--40.95,-41.09-PASS



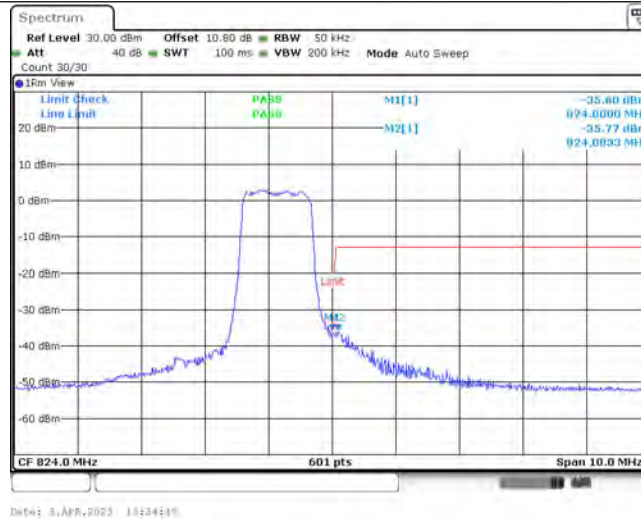
Band26-3MHz-16QAM-26740-1-0-Low--45.14,-43.71-PASS



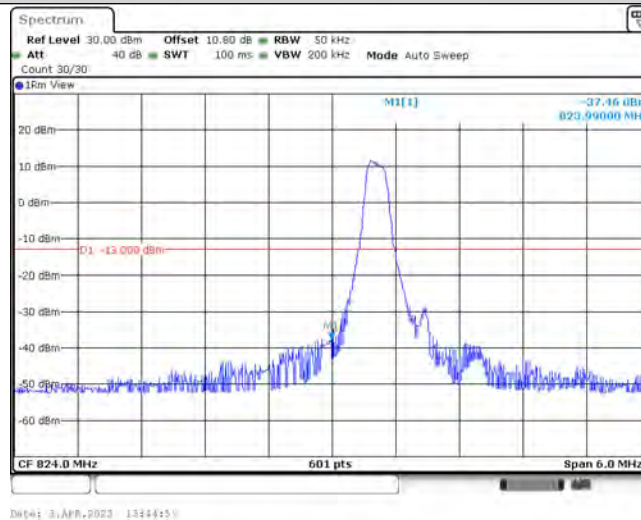
Band26-3MHz-16QAM-26740-6-0-Low--42.74,-41.41-PASS



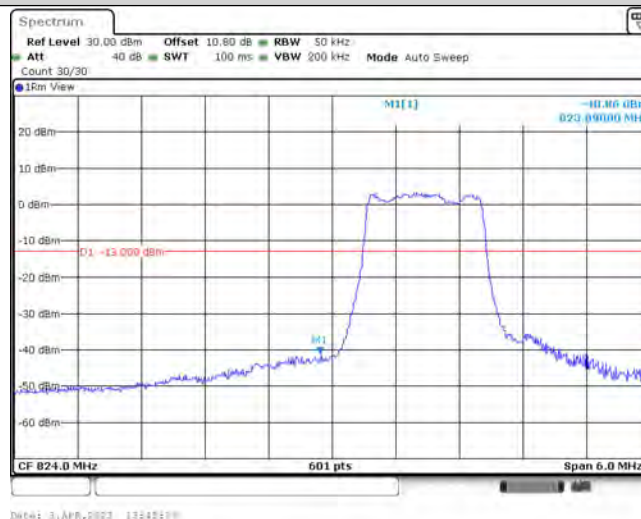
Band26-3MHz-16QAM-26775-1-0-High--45.82,-43.24-PASS



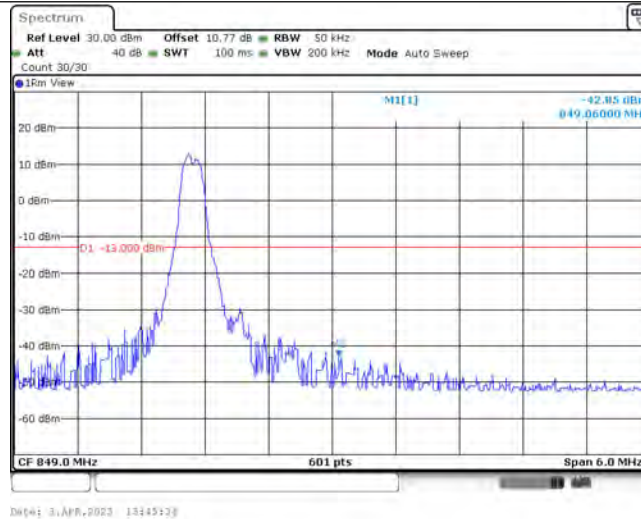
Band26-3MHz-16QAM-26775-6-0-High--35.60,-35.77-PASS



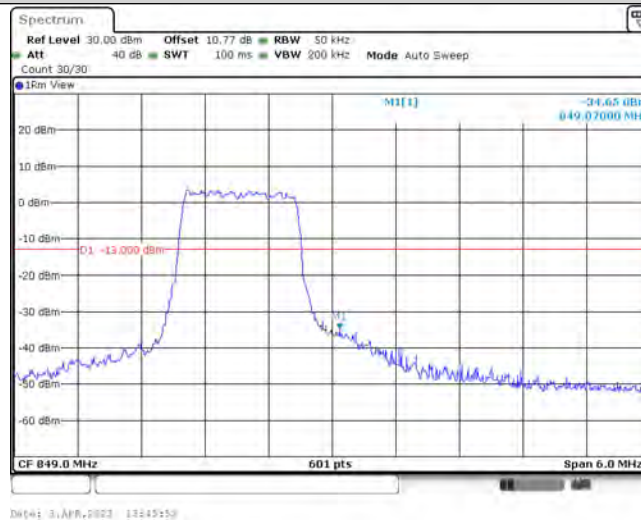
Band26-3MHz-16QAM-26805-1-0-Low--37.46-PASS



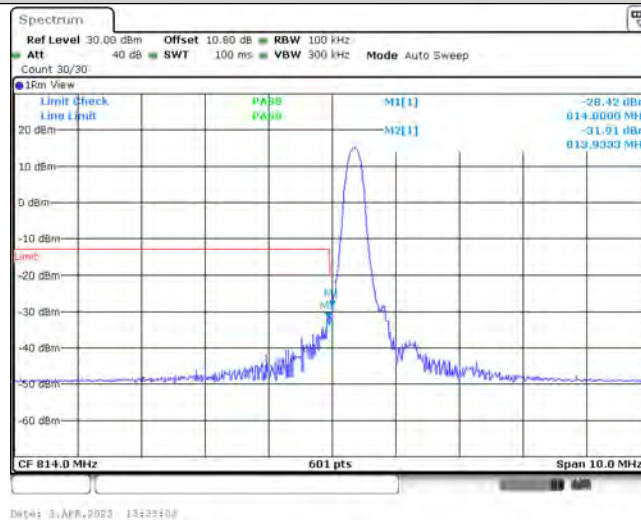
Band26-3MHz-16QAM-26805-6-0-Low--40.86-PASS



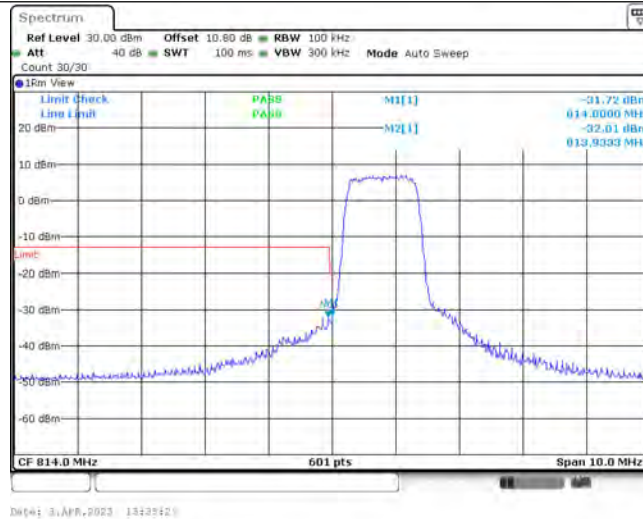
Band26-3MHz-16QAM-27025-1-0-High--42.85-PASS



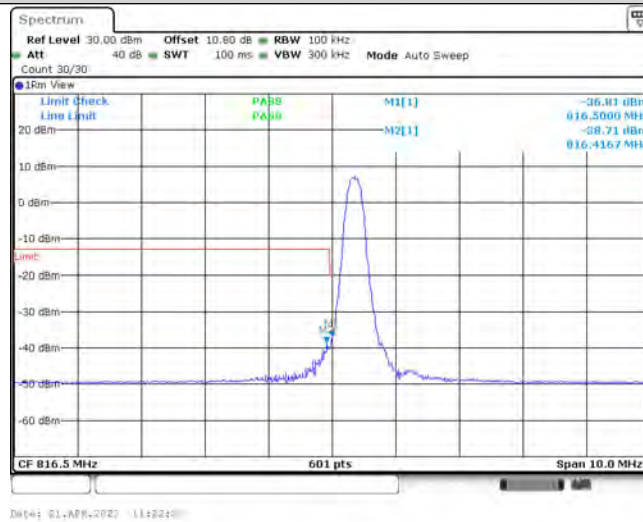
Band26-3MHz-16QAM-27025-6-0-High--34.65-PASS



Band26-5MHz-QPSK-26715-1-0-Low--28.42,-31.91-PASS



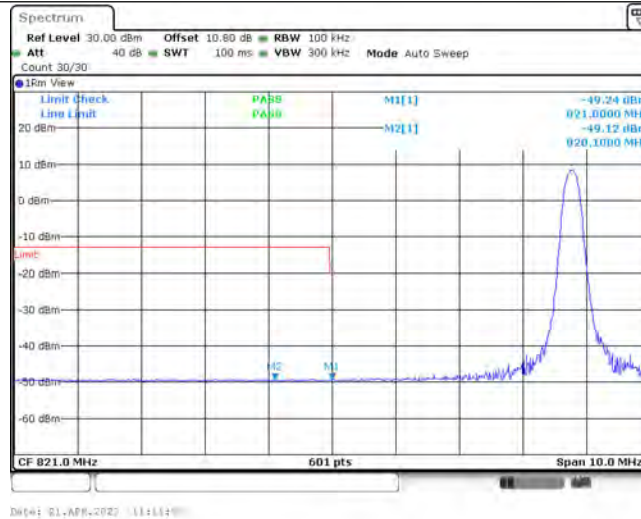
Band26-5MHz-QPSK-26715-6-0-Low--31.72,-32.01-PASS



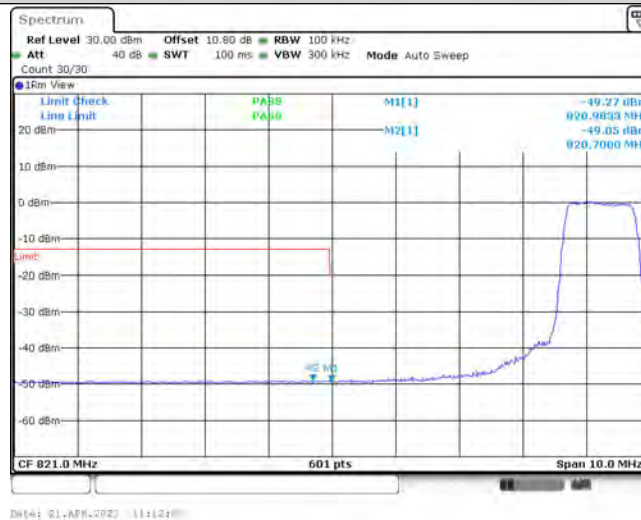
Band26-5MHz-QPSK-26740-1-0-Low--36.81,-38.71-PASS



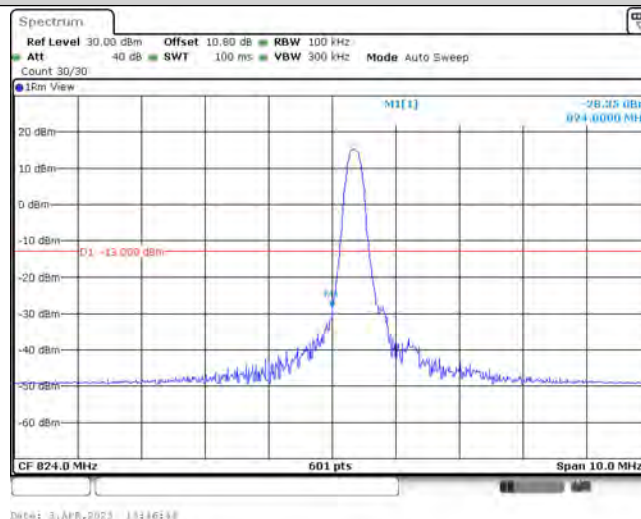
Band26-5MHz-QPSK-26740-6-0-Low--38.71,-39.58-PASS



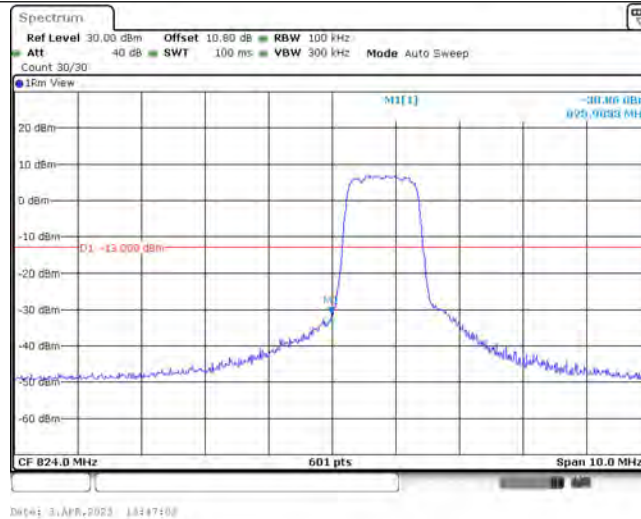
Band26-5MHz-QPSK-26785-1-0-High--49.24,-49.12-PASS



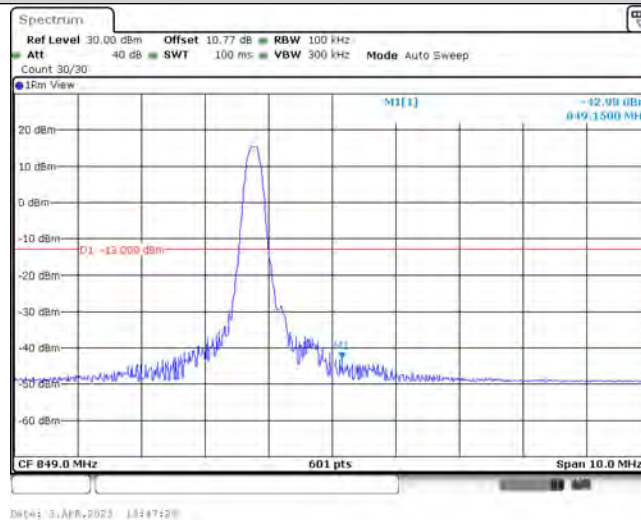
Band26-5MHz-QPSK-26785-6-0-High--49.27,-49.05-PASS



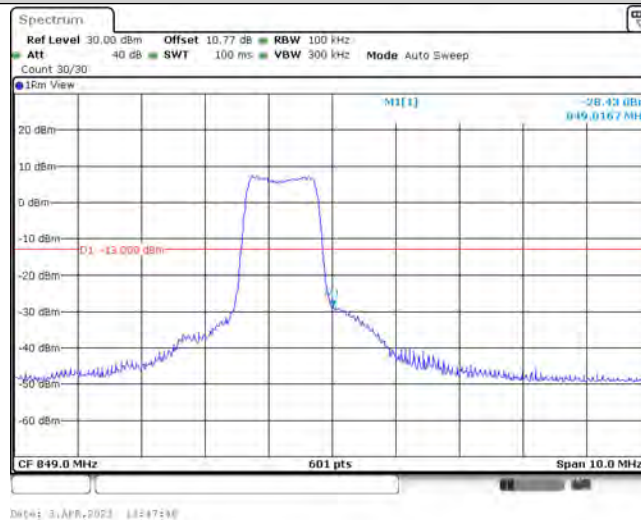
Band26-5MHz-QPSK-26815-1-0-Low--28.35-PASS



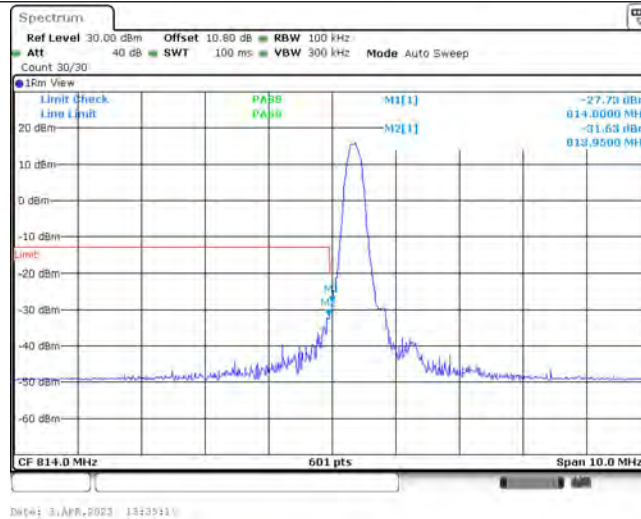
Band26-5MHz-QPSK-26815-6-0-Low--30.86-PASS



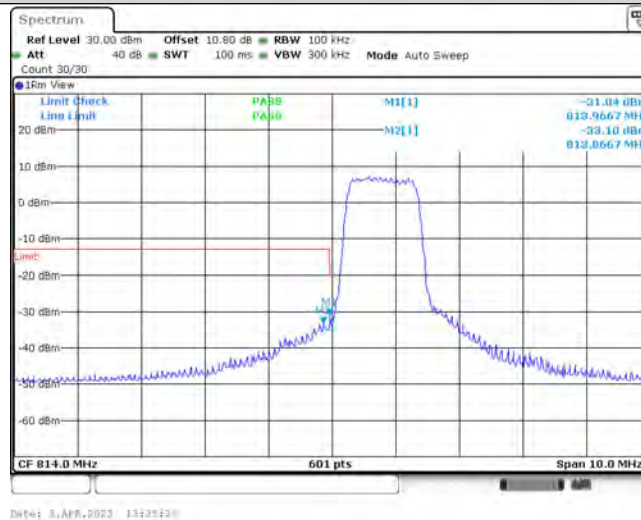
Band26-5MHz-QPSK-27015-1-0-High--42.98-PASS



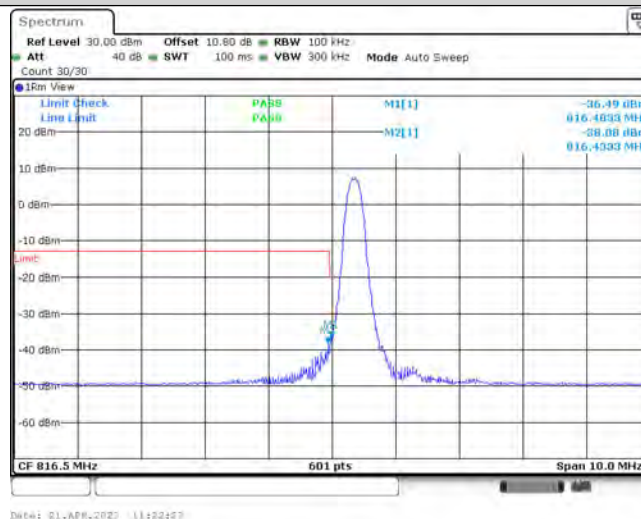
Band26-5MHz-QPSK-27015-6-0-High--28.43-PASS



Band26-5MHz-16QAM-26715-1-0-Low--27.73,-31.63-PASS



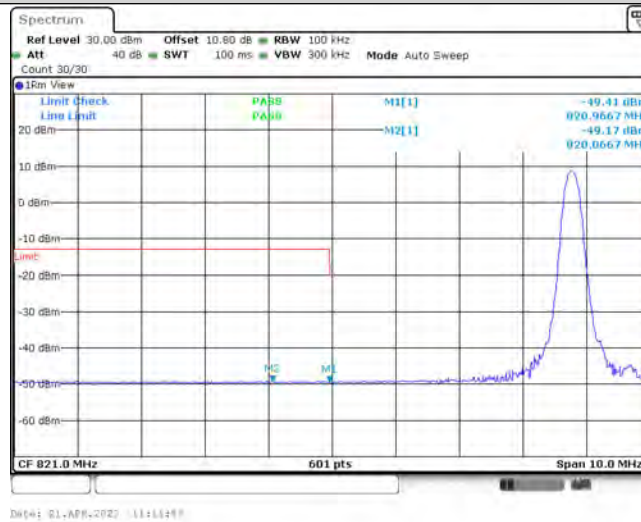
Band26-5MHz-16QAM-26715-6-0-Low--31.04,-33.10-PASS



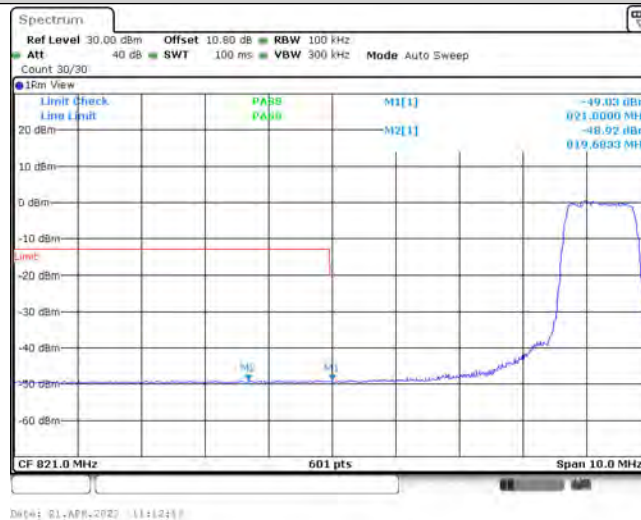
Band26-5MHz-16QAM-26740-1-0-Low--36.49,-38.08-PASS



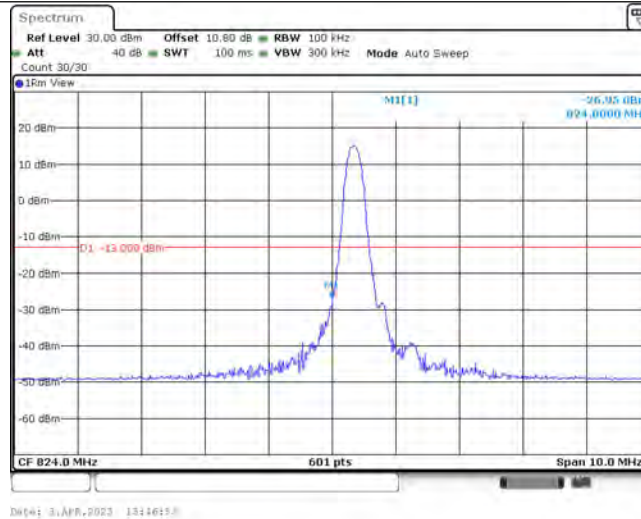
Band26-5MHz-16QAM-26740-6-0-Low--36.90,-38.08-PASS



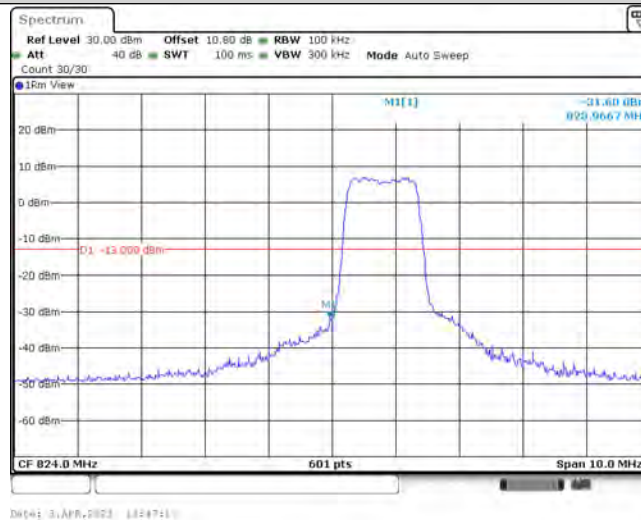
Band26-5MHz-16QAM-26785-1-0-High--49.41,-49.17-PASS



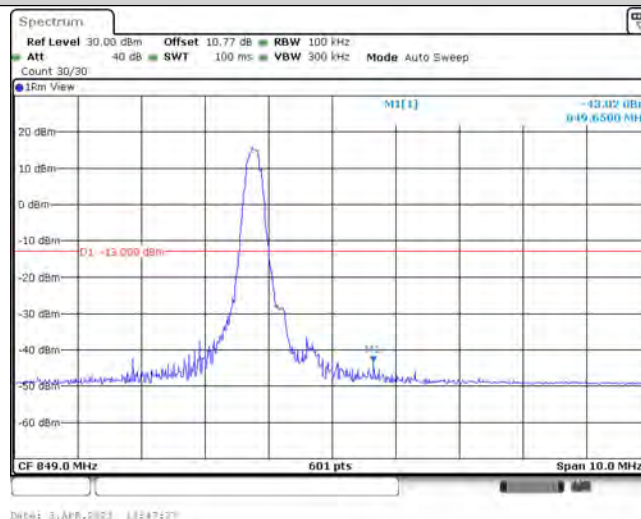
Band26-5MHz-16QAM-26785-6-0-High--49.03,-48.92-PASS



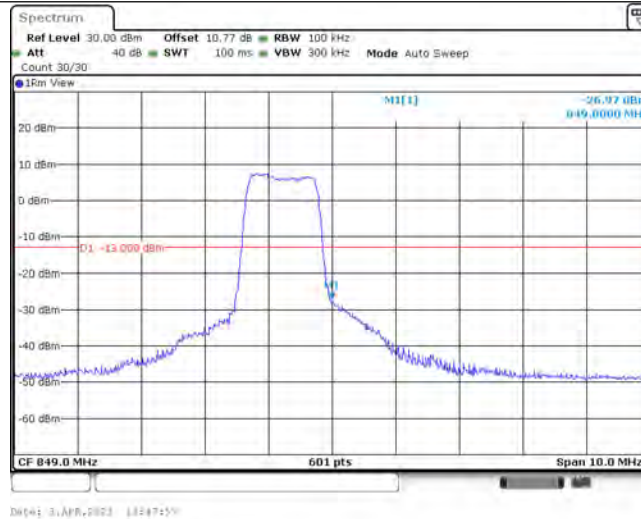
Band26-5MHz-16QAM-26815-1-0-Low--26.95-PASS



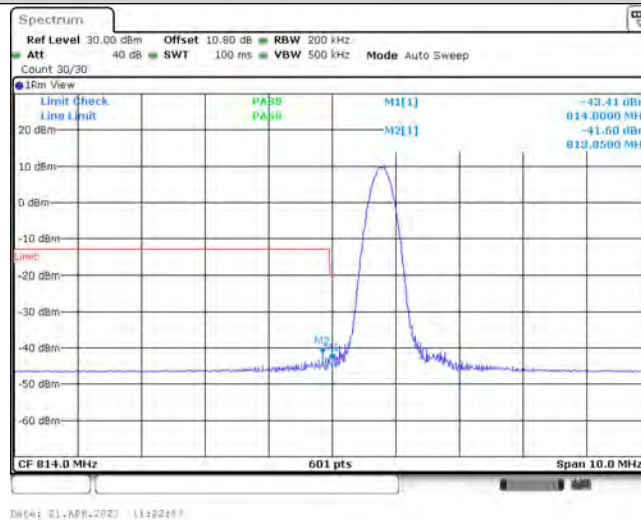
Band26-5MHz-16QAM-26815-6-0-Low--31.60-PASS



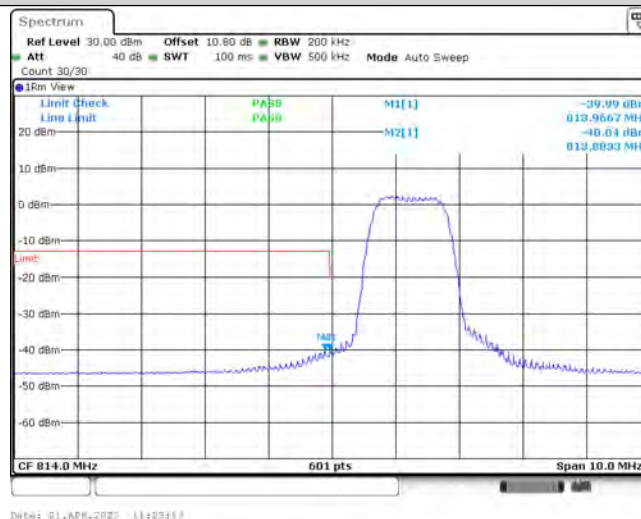
Band26-5MHz-16QAM-27015-1-0-High--43.02-PASS



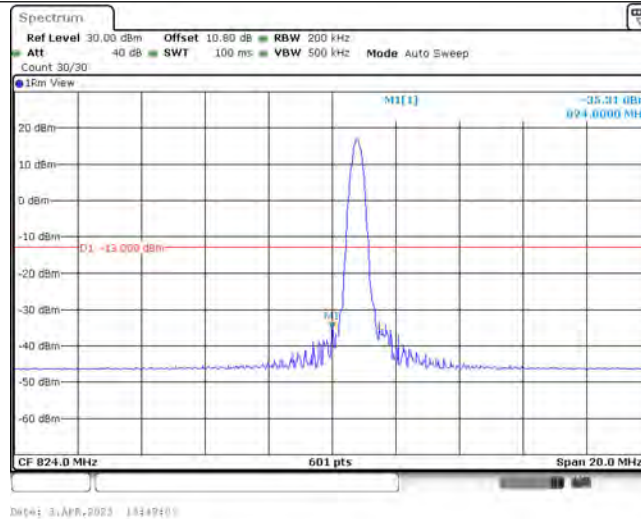
Band26-5MHz-16QAM-27015-6-0-High--26.97-PASS



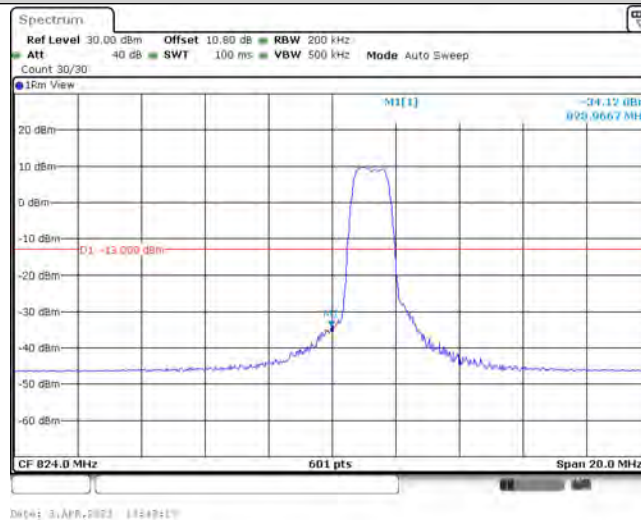
Band26-10MHz-QPSK-26740-1-0-Low--43.41,-41.60-PASS



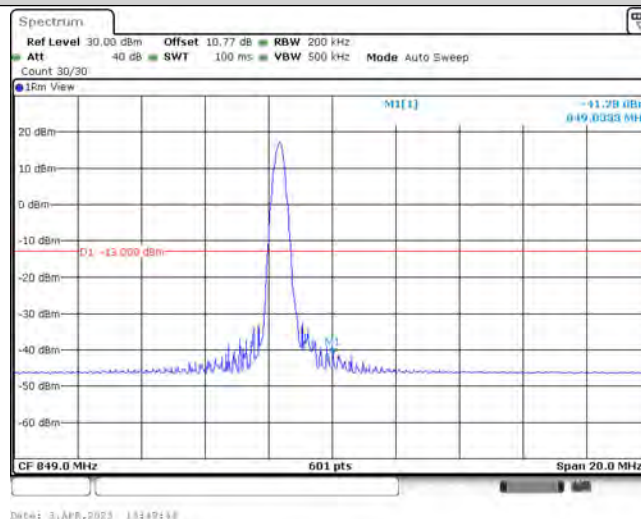
Band26-10MHz-QPSK-26740-6-0-Low--39.99,-40.04-PASS



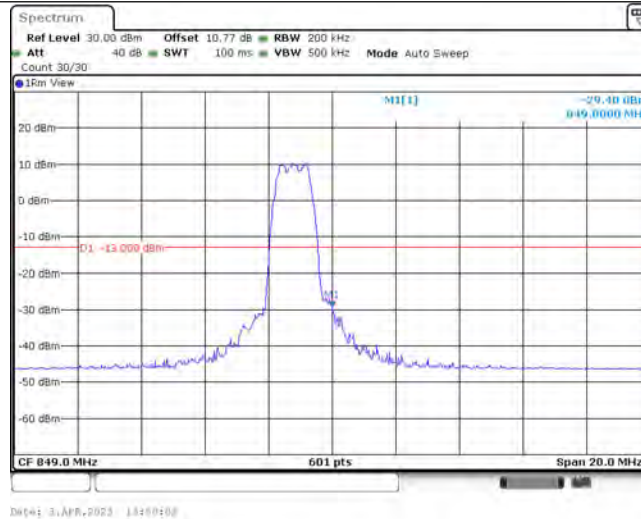
Band26-10MHz-QPSK-26840-1-0-Low--35.31-PASS



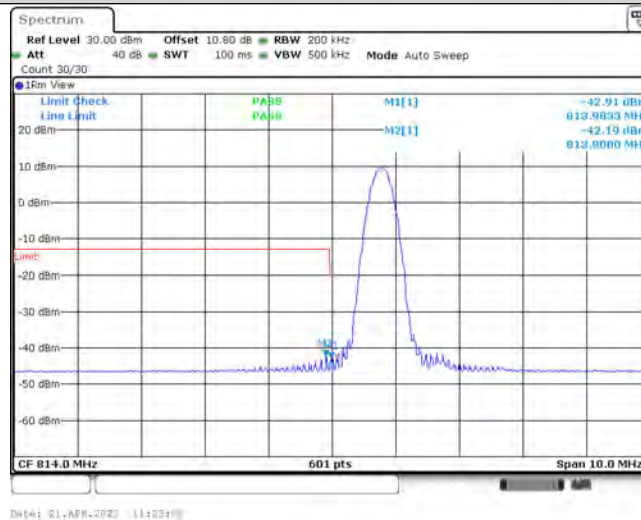
Band26-10MHz-QPSK-26840-6-0-Low--34.12-PASS



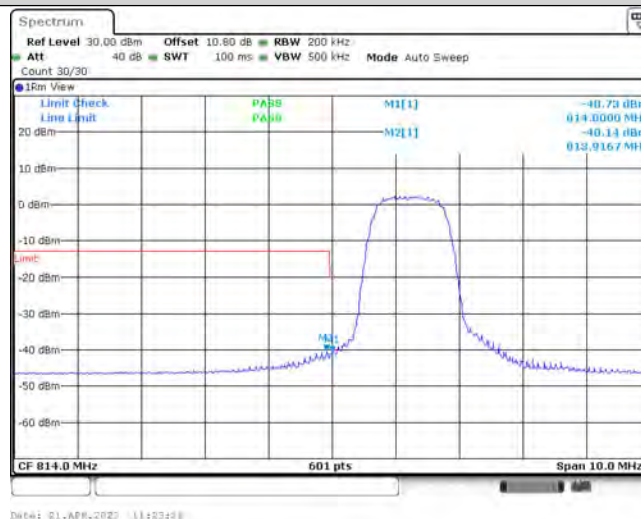
Band26-10MHz-QPSK-26990-1-0-High--41.28-PASS



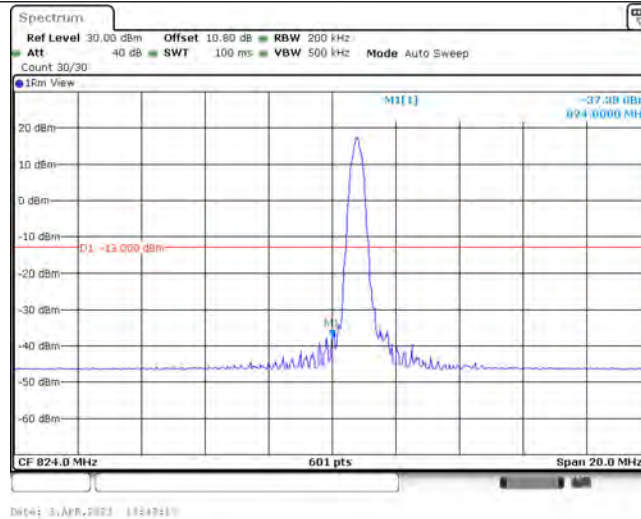
Band26-10MHz-QPSK-26990-6-0-High--29.40-PASS



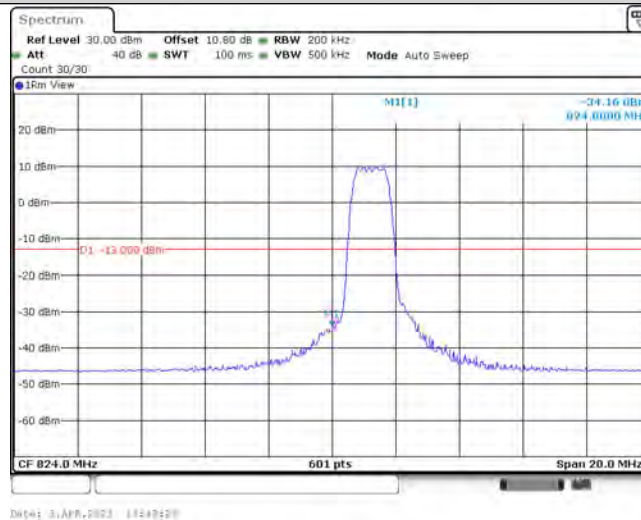
Band26-10MHz-16QAM-26740-1-0-Low--42.91,-42.19-PASS



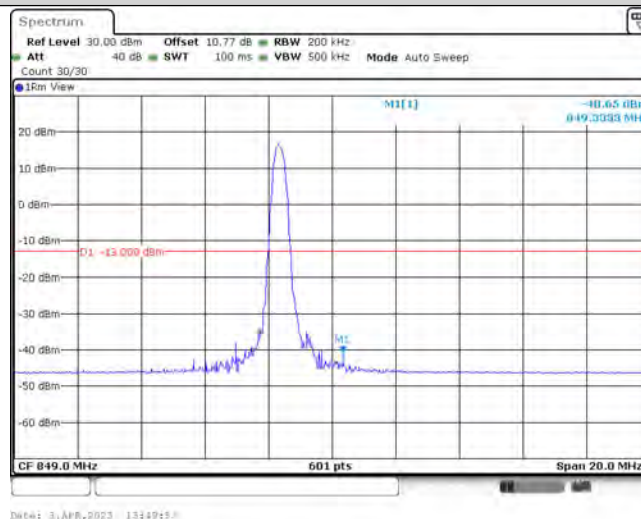
Band26-10MHz-16QAM-26740-6-0-Low--40.73,-40.14-PASS



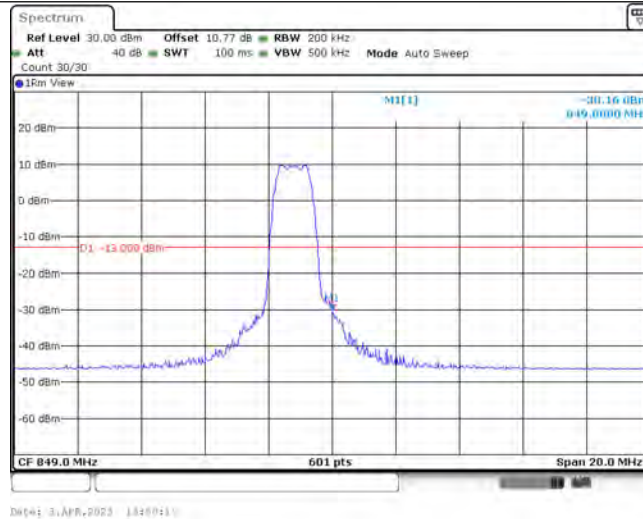
Band26-10MHz-16QAM-26840-1-0-Low--37.38-PASS



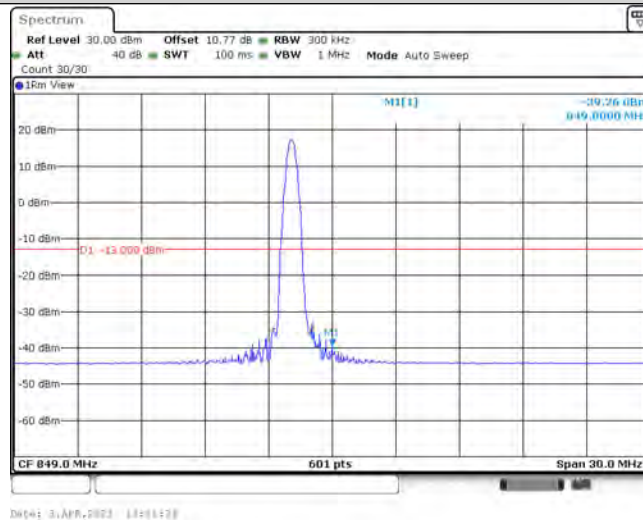
Band26-10MHz-16QAM-26840-6-0-Low--34.16-PASS



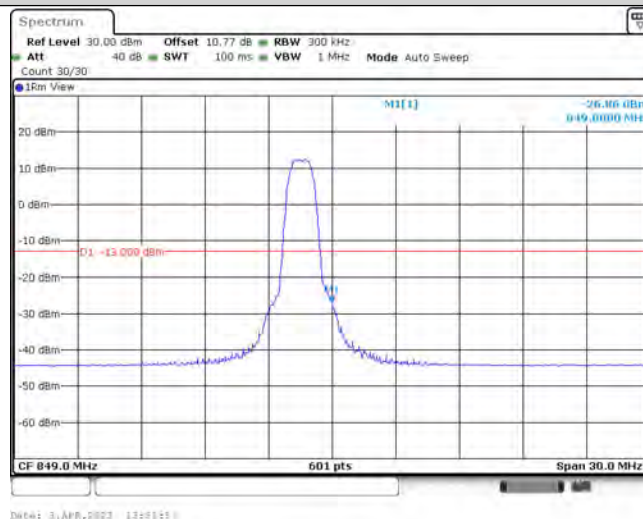
Band26-10MHz-16QAM-26990-1-0-High--40.65-PASS



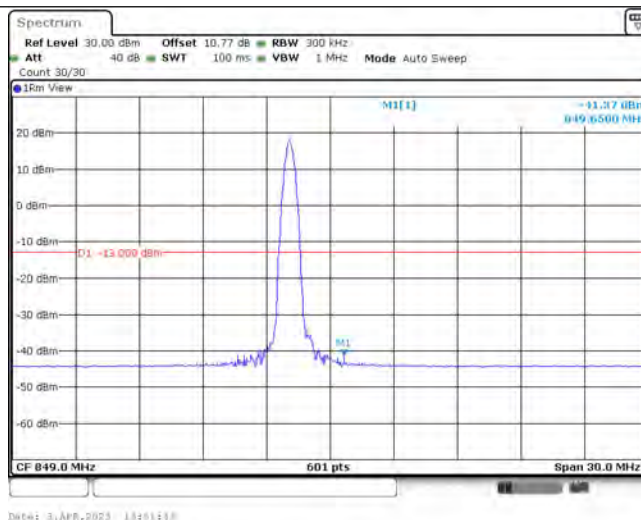
Band26-10MHz-16QAM-26990-6-0-High--30.16-PASS



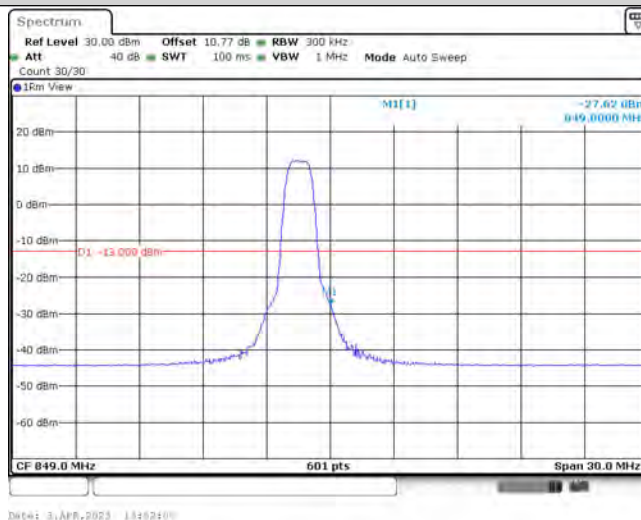
Band26-15MHz-QPSK-26965-1-0-High--39.26-PASS



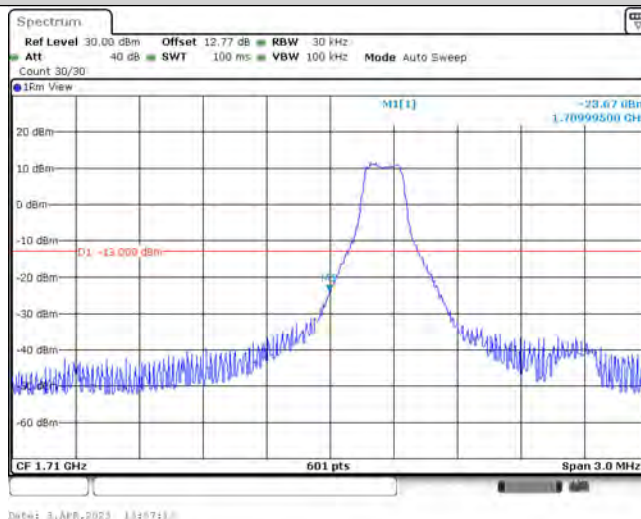
Band26-15MHz-QPSK-26965-6-0-High--26.86-PASS



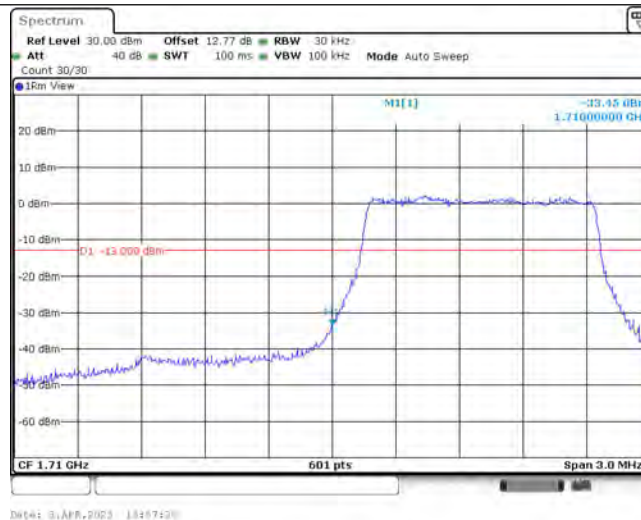
Band26-15MHz-16QAM-26965-1-0-High--41.37-PASS



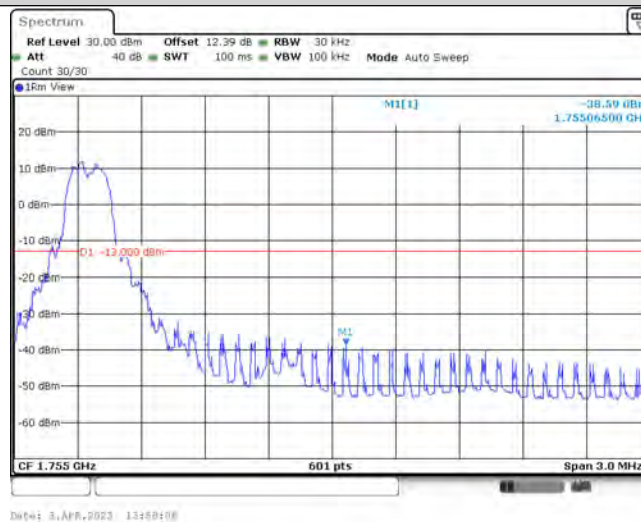
Band26-15MHz-16QAM-26965-6-0-High--27.62-PASS



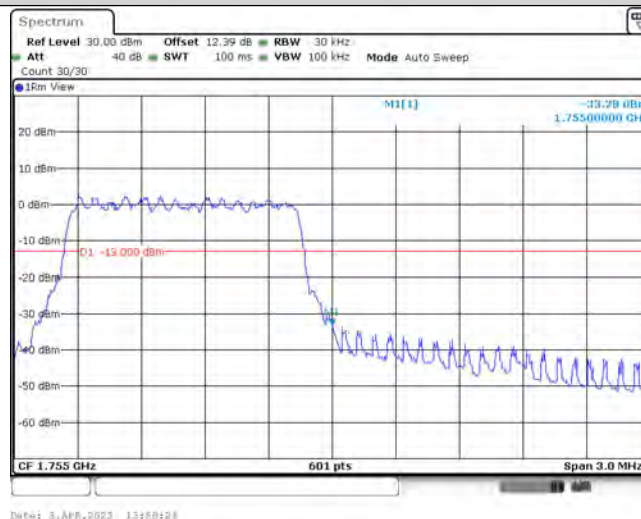
Band4-1.4MHz-QPSK-19957-1-0-Low--23.67-PASS



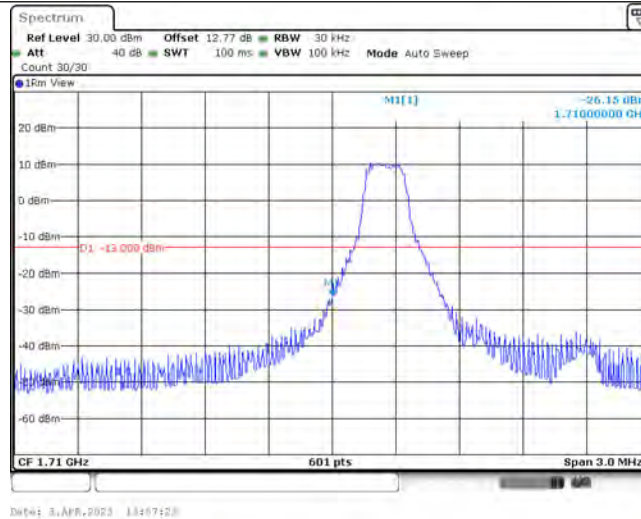
Band4-1.4MHz-QPSK-19957-6-0-Low--33.45-PASS



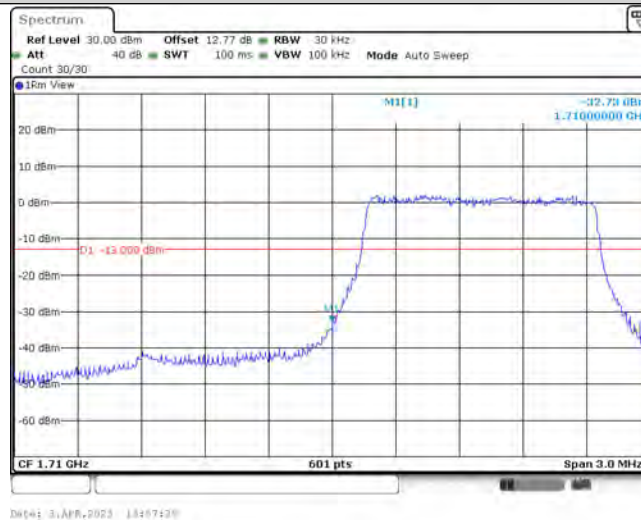
Band4-1.4MHz-QPSK-20393-1-0-High--38.59-PASS



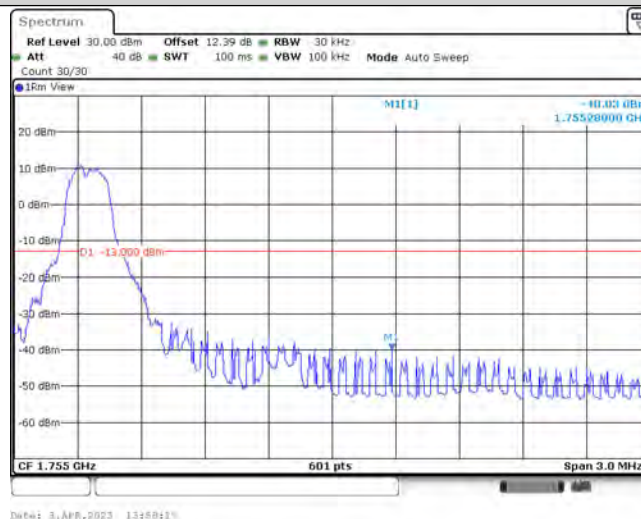
Band4-1.4MHz-QPSK-20393-6-0-High--33.28-PASS



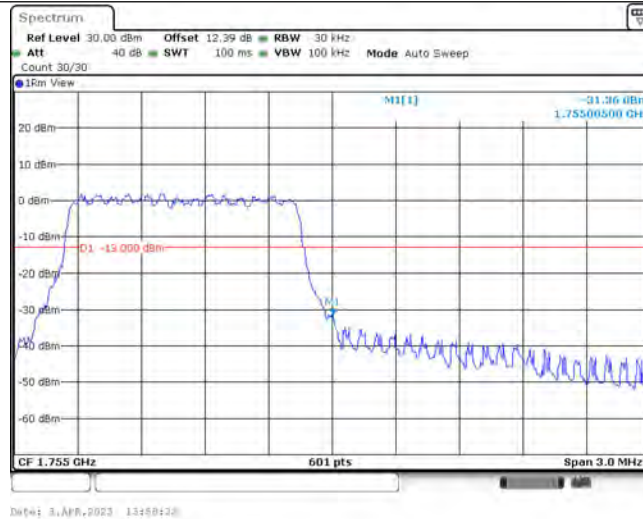
Band4-1.4MHz-16QAM-19957-1-0-Low--26.15-PASS



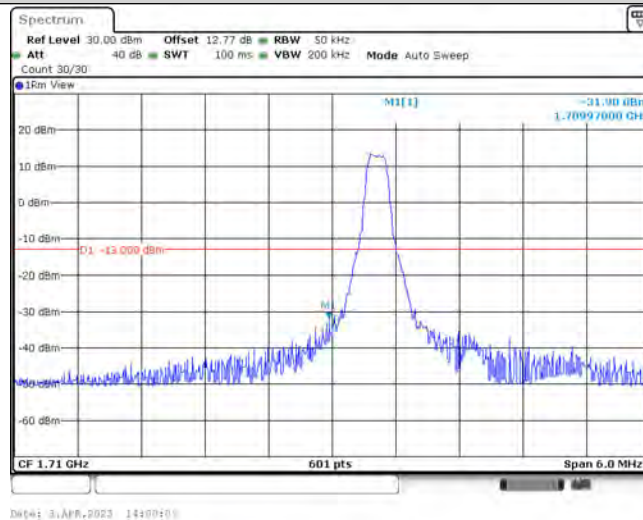
Band4-1.4MHz-16QAM-19957-6-0-Low--32.73-PASS



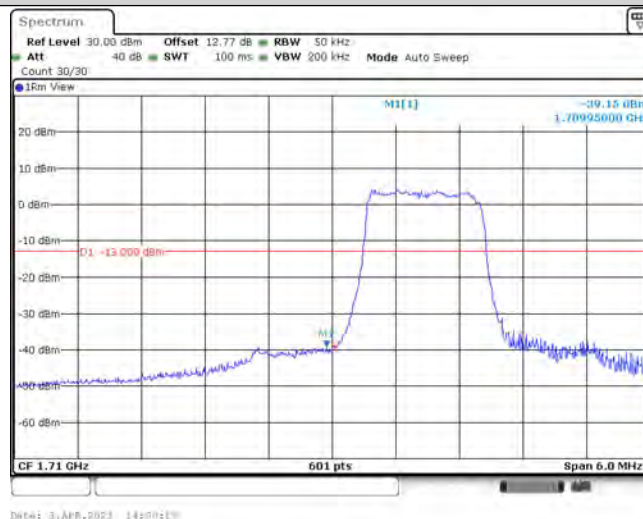
Band4-1.4MHz-16QAM-20393-1-0-High--40.03-PASS



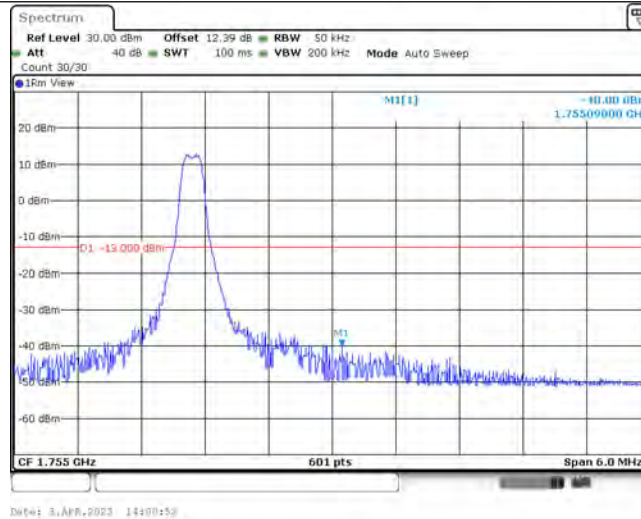
Band4-1.4MHz-16QAM-20393-6-0-High--31.36-PASS



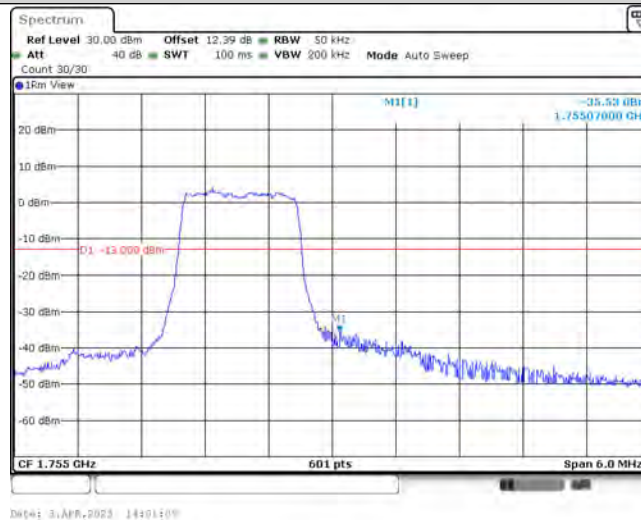
Band4-3MHz-QPSK-19965-1-0-Low--31.90-PASS



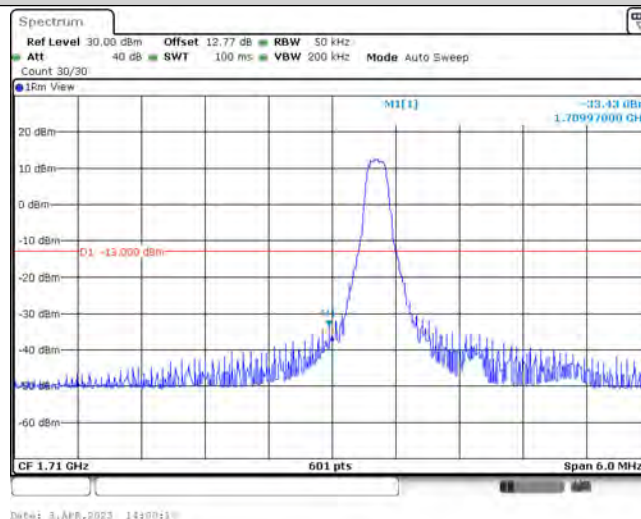
Band4-3MHz-QPSK-19965-6-0-Low--39.15-PASS



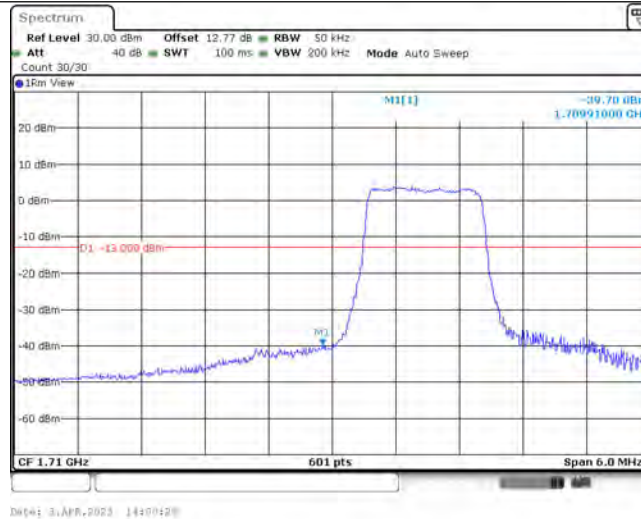
Band4-3MHz-QPSK-20385-1-0-High--40.00-PASS



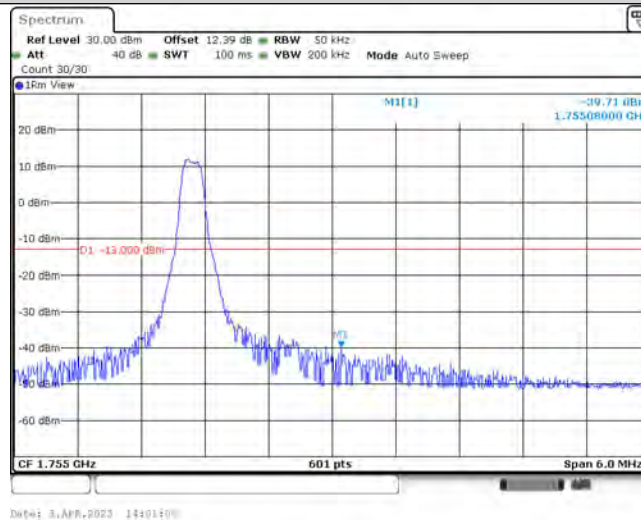
Band4-3MHz-QPSK-20385-6-0-High--35.53-PASS



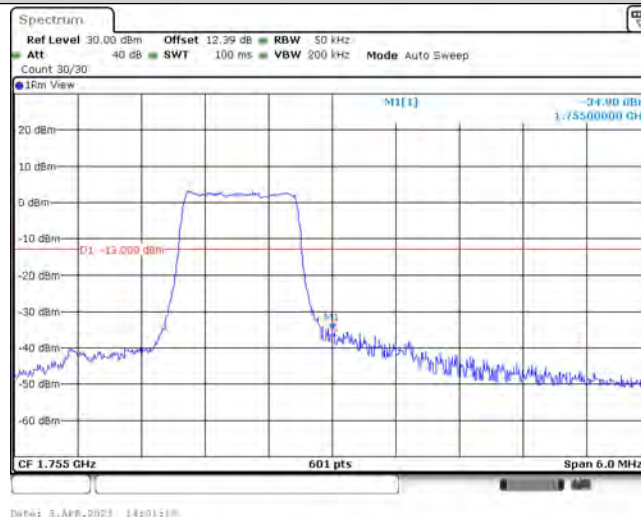
Band4-3MHz-16QAM-19965-1-0-Low--33.43-PASS



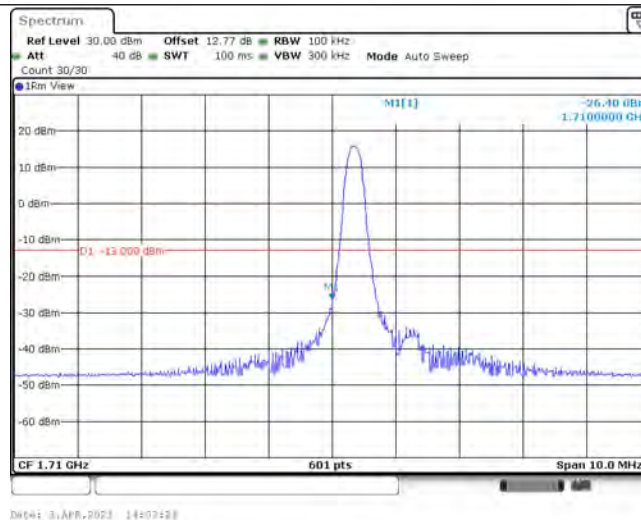
Band4-3MHz-16QAM-19965-6-0-Low--39.70-PASS



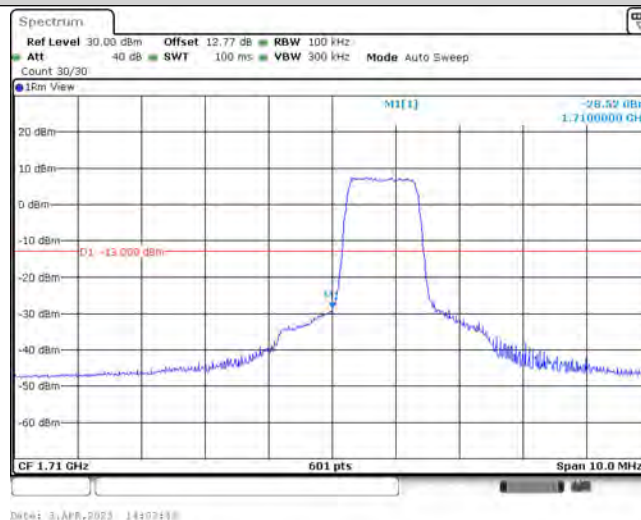
Band4-3MHz-16QAM-20385-1-0-High--39.71-PASS



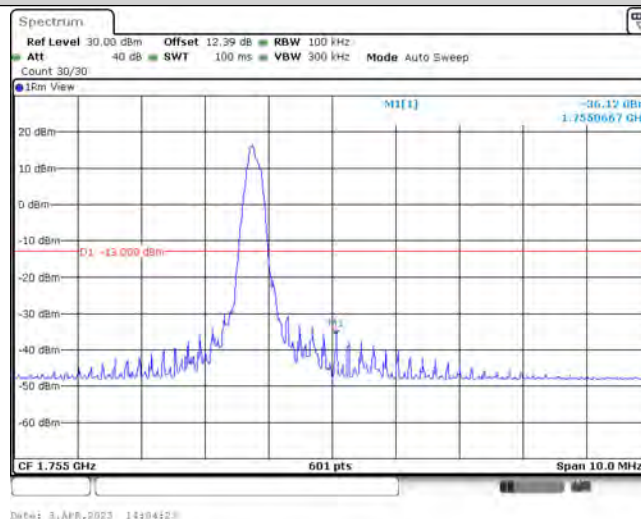
Band4-3MHz-16QAM-20385-6-0-High--34.90-PASS



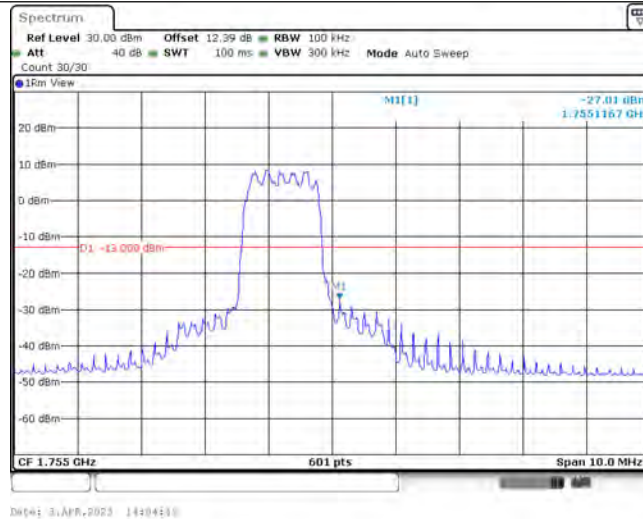
Band4-5MHz-QPSK-19975-1-0-Low--26.40-PASS



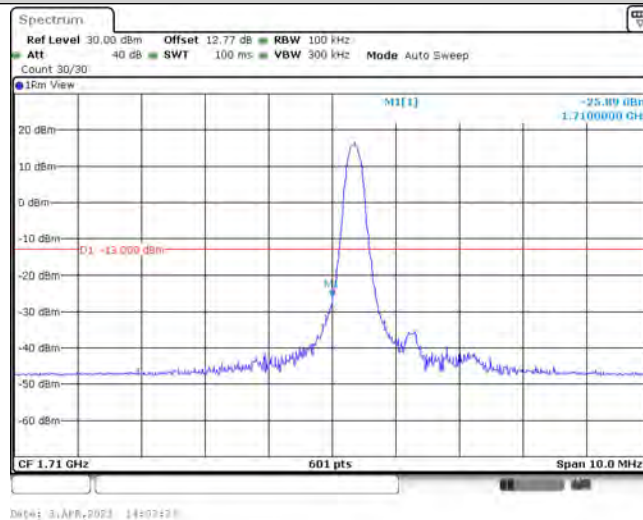
Band4-5MHz-QPSK-19975-6-0-Low--28.52-PASS



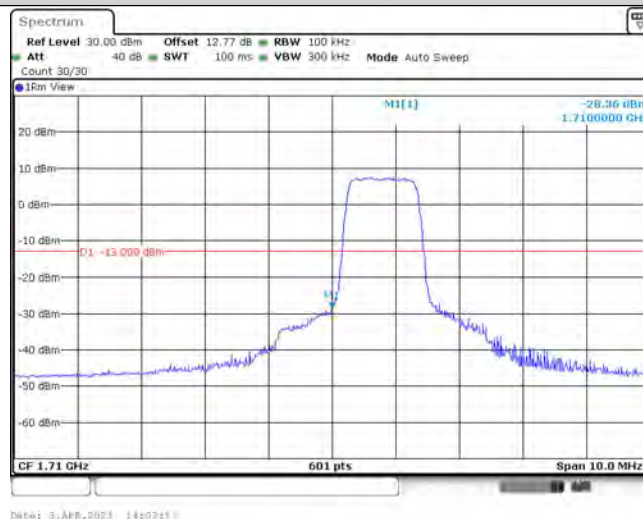
Band4-5MHz-QPSK-20375-1-0-High--36.12-PASS



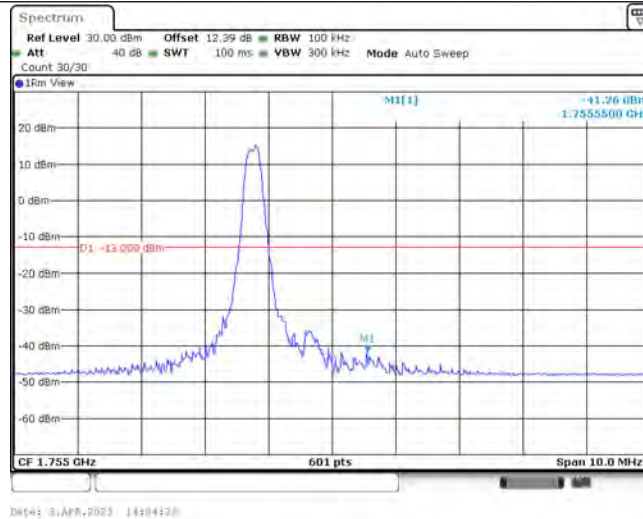
Band4-5MHz-QPSK-20375-6-0-High--27.01-PASS



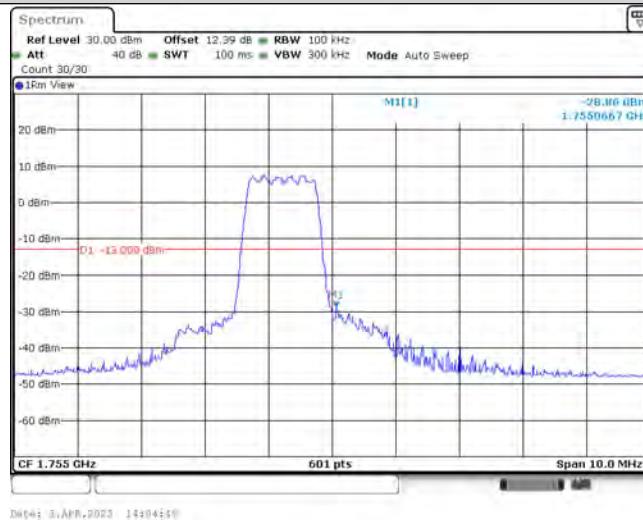
Band4-5MHz-16QAM-19975-1-0-Low--25.89-PASS



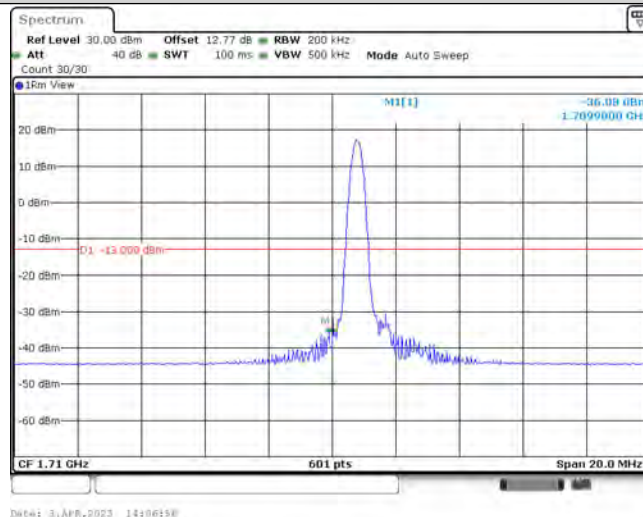
Band4-5MHz-16QAM-19975-6-0-Low--28.36-PASS



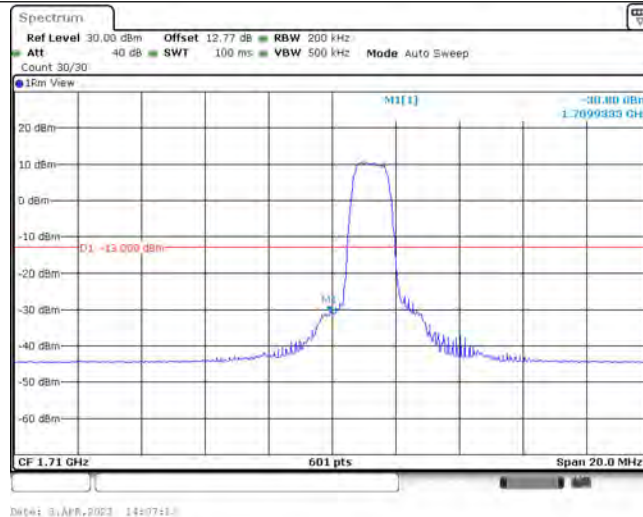
Band4-5MHz-16QAM-20375-1-0-High--41.26-PASS



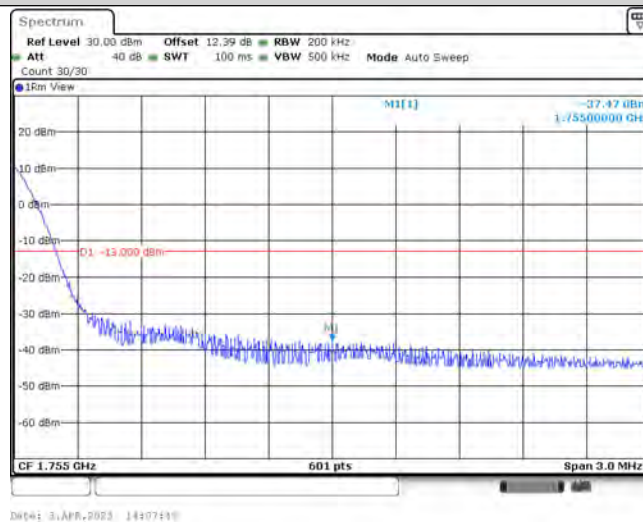
Band4-5MHz-16QAM-20375-6-0-High--28.86-PASS



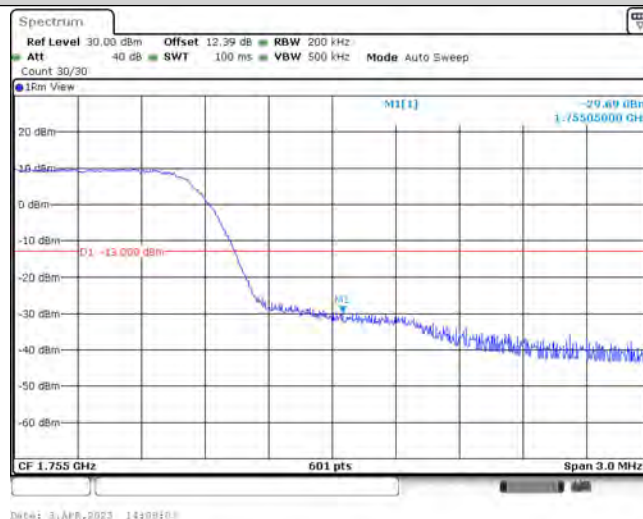
Band4-10MHz-QPSK-20000-1-0-Low--36.08-PASS



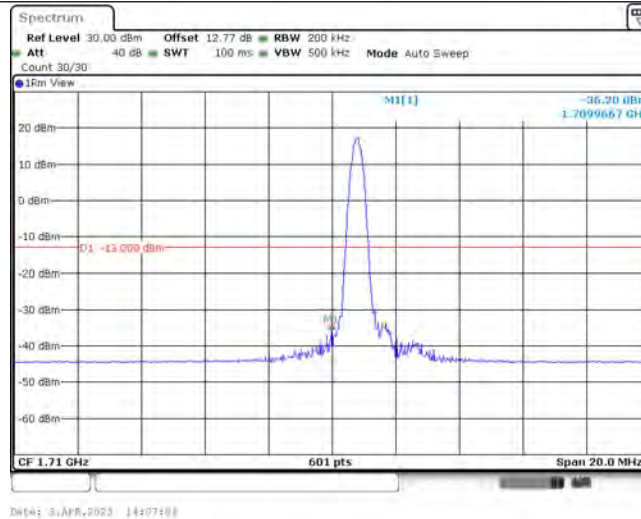
Band4-10MHz-QPSK-20000-6-0-Low--30.80-PASS



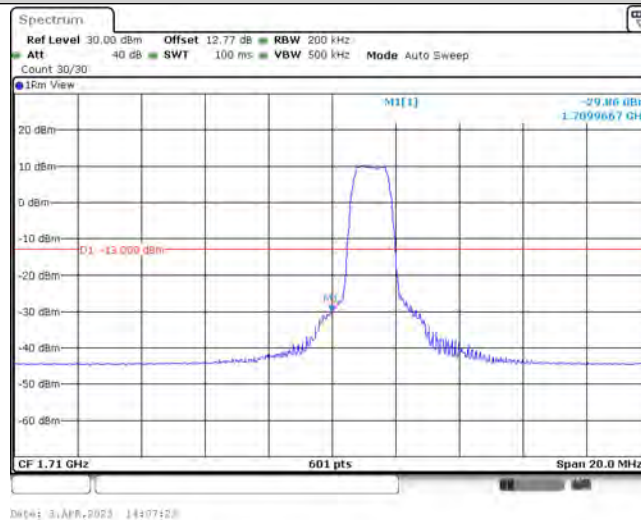
Band4-10MHz-QPSK-20350-1-0-High--37.47-PASS



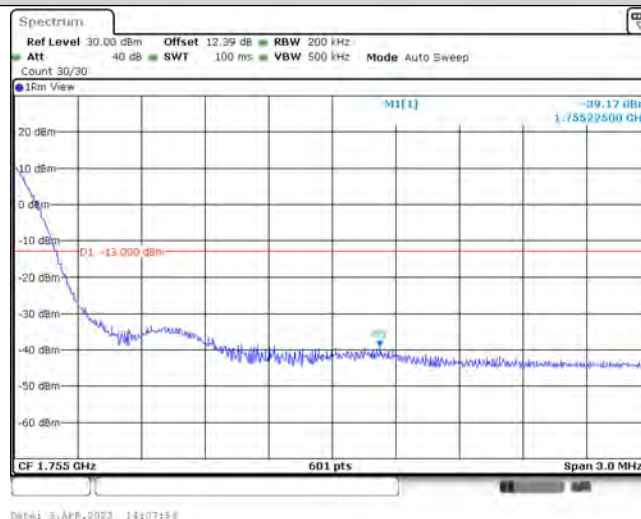
Band4-10MHz-QPSK-20350-6-0-High--29.69-PASS



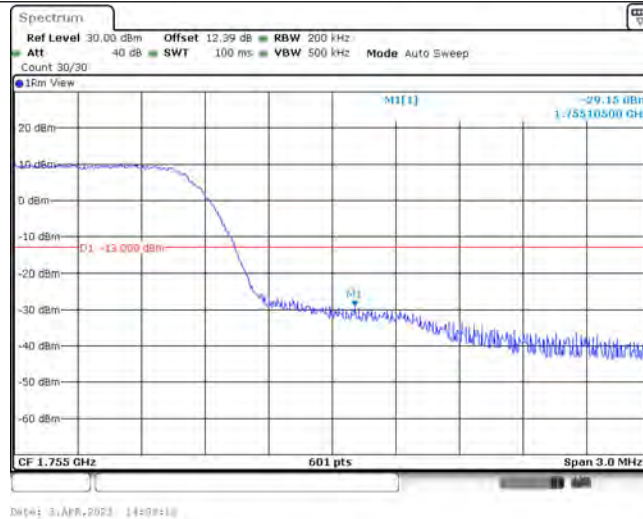
Band4-10MHz-16QAM-20000-1-0-Low--36.20-PASS



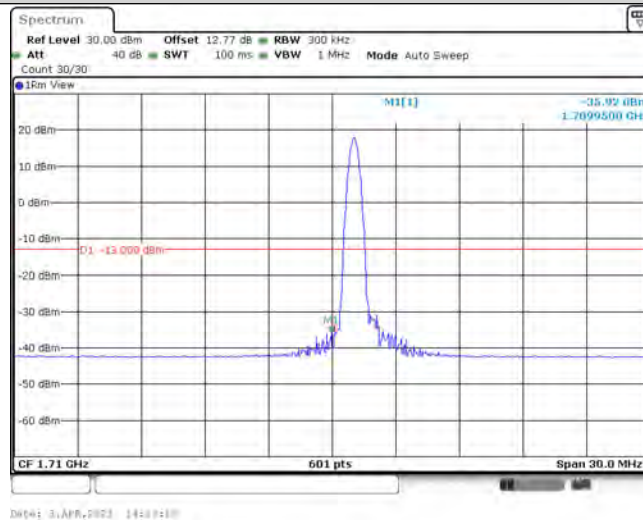
Band4-10MHz-16QAM-20000-6-0-Low--29.86-PASS



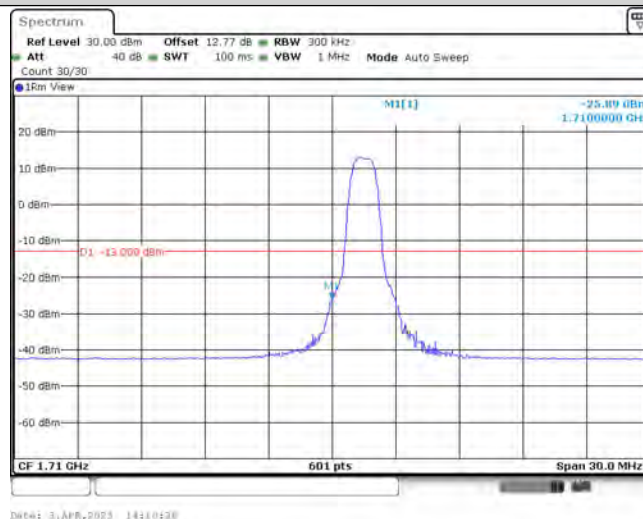
Band4-10MHz-16QAM-20350-1-0-High--39.17-PASS



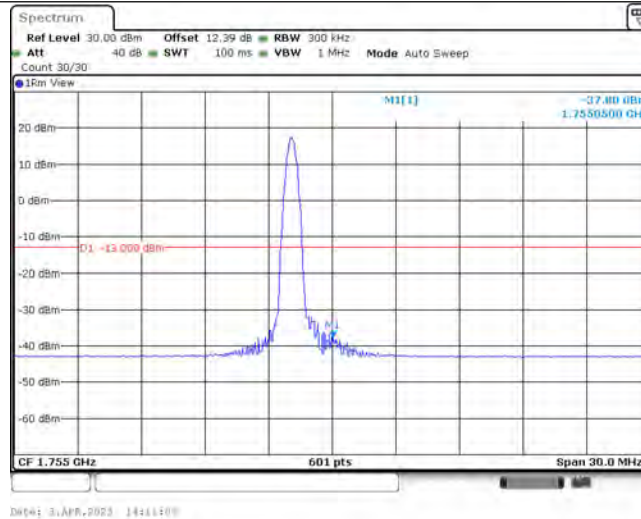
Band4-10MHz-16QAM-20350-6-0-High--29.15-PASS



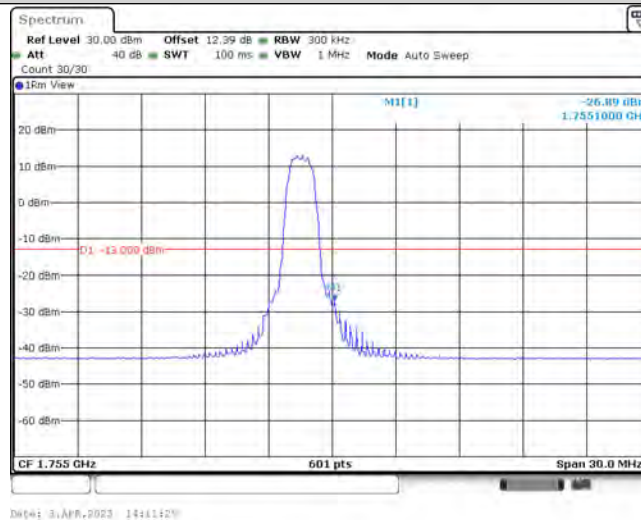
Band4-15MHz-QPSK-20025-1-0-Low--35.92-PASS



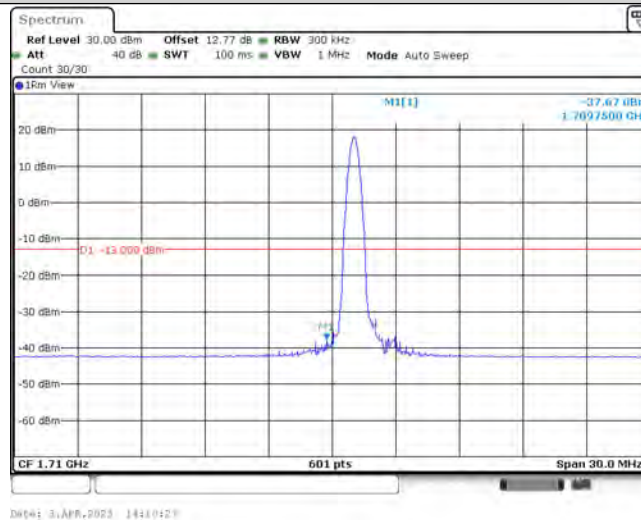
Band4-15MHz-QPSK-20025-6-0-Low--25.89-PASS



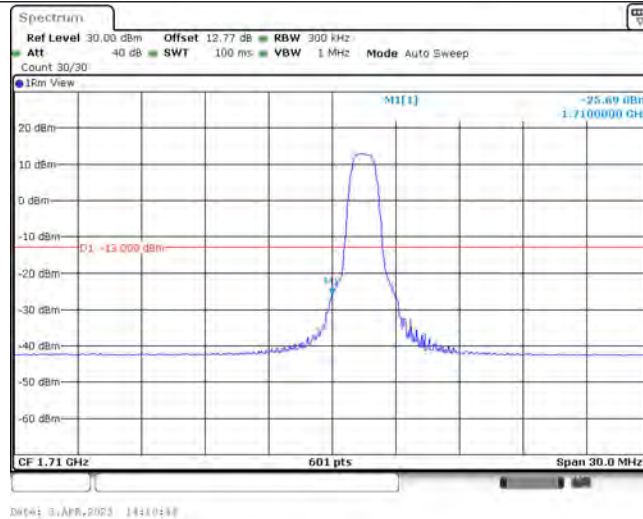
Band4-15MHz-QPSK-20325-1-0-High--37.80-PASS



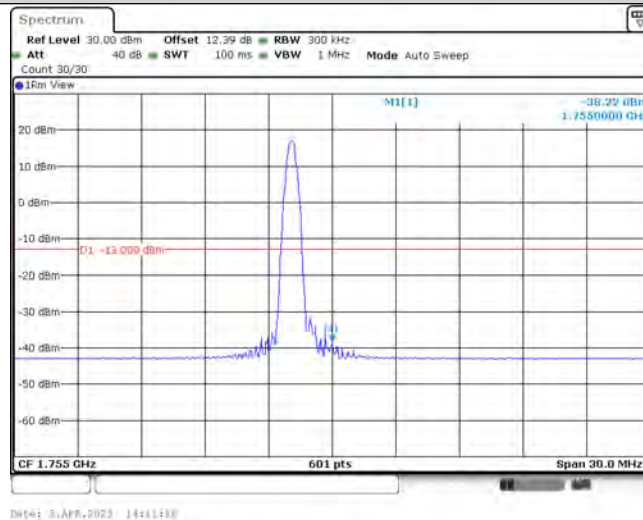
Band4-15MHz-QPSK-20325-6-0-High--26.89-PASS



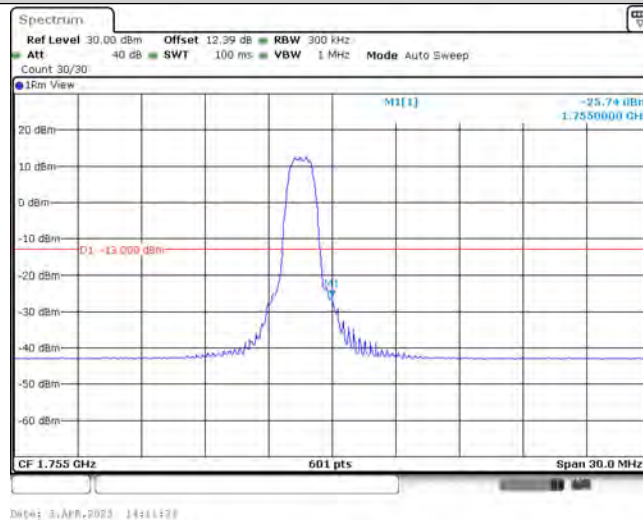
Band4-15MHz-16QAM-20025-1-0-Low--37.67-PASS



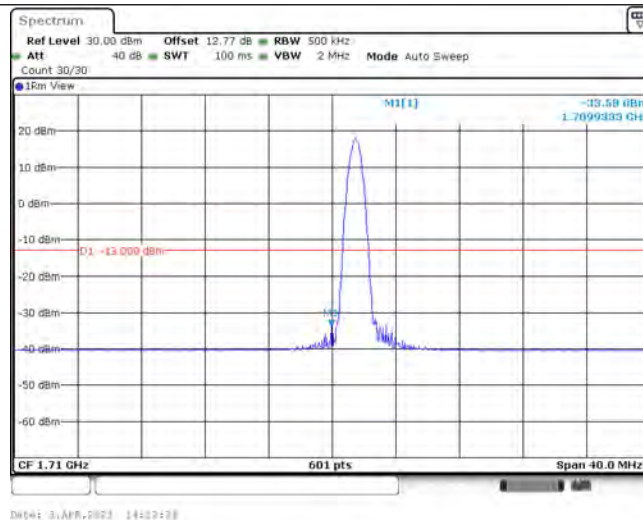
Band4-15MHz-16QAM-20025-6-0-Low--25.69-PASS



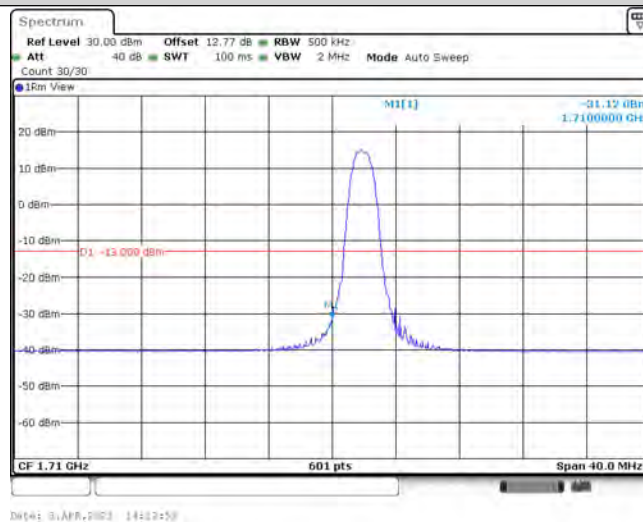
Band4-15MHz-16QAM-20325-1-0-High--38.22-PASS



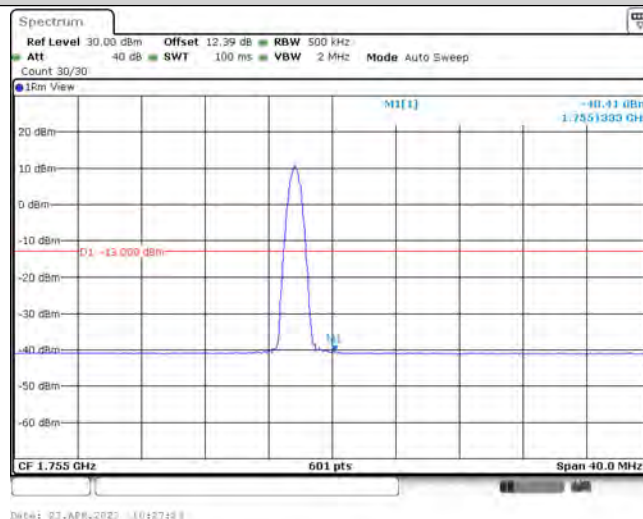
Band4-15MHz-16QAM-20325-6-0-High--25.74-PASS



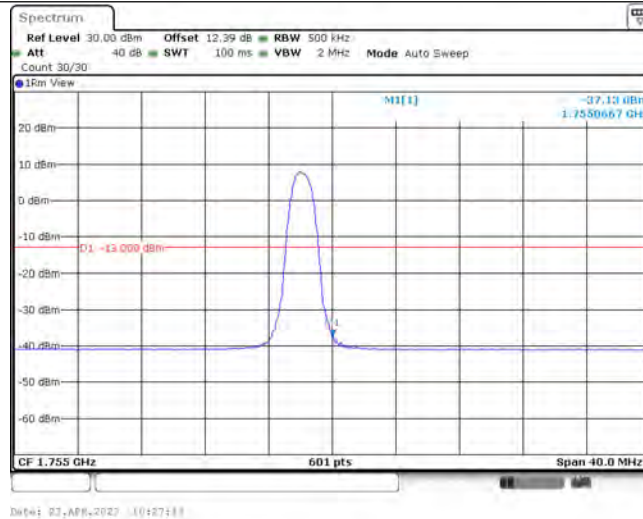
Band4-20MHz-QPSK-20050-1-0-Low--33.58-PASS



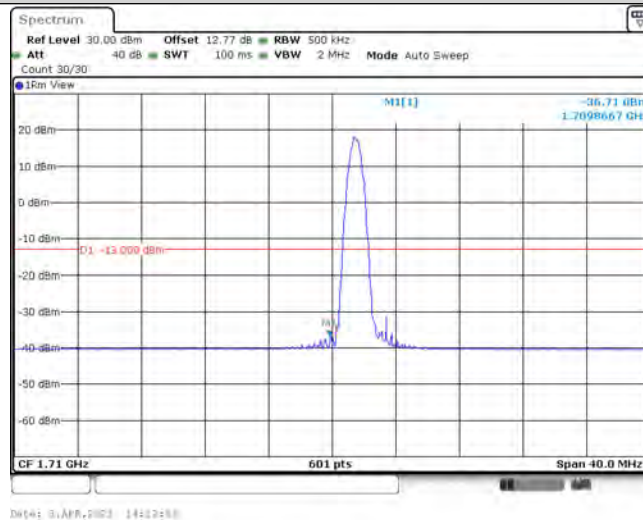
Band4-20MHz-QPSK-20050-6-0-Low--31.12-PASS



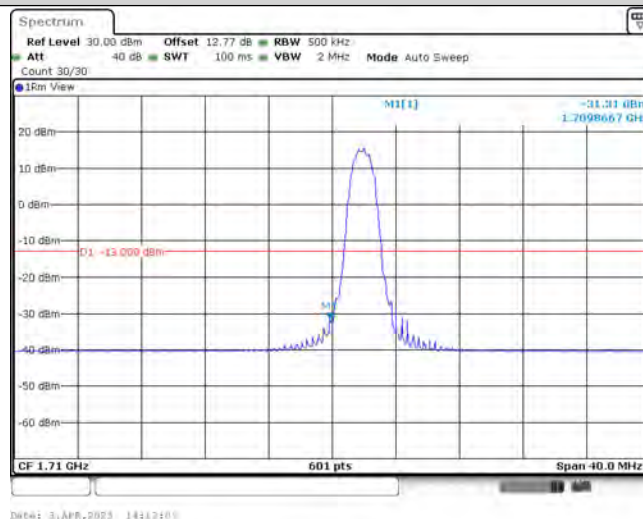
Band4-20MHz-QPSK-20300-1-0-High--40.41-PASS



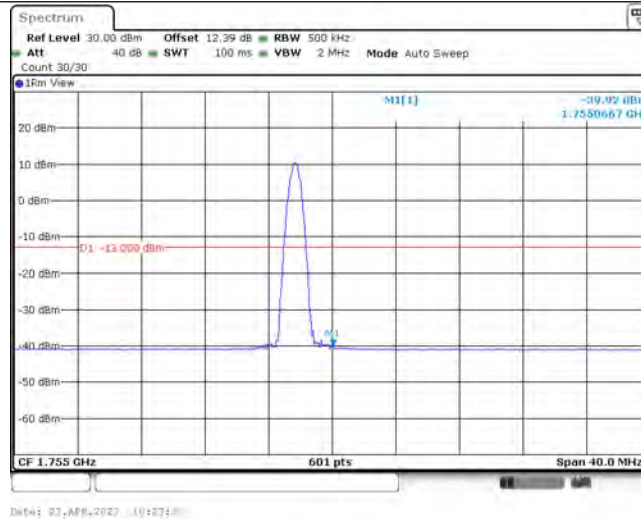
Band4-20MHz-QPSK-20300-6-0-High--37.13-PASS



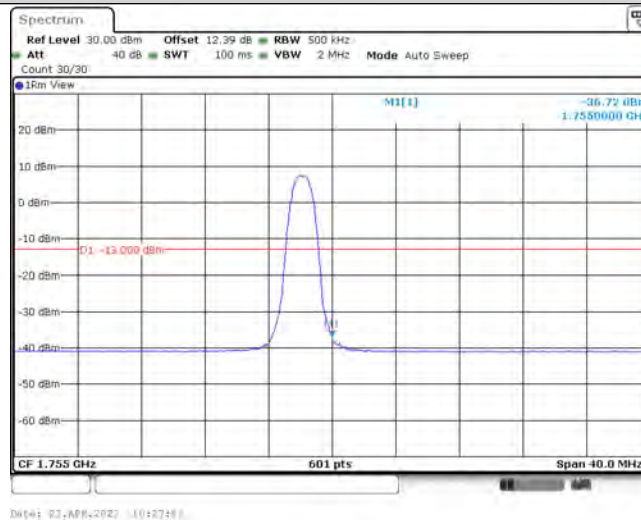
Band4-20MHz-16QAM-20050-1-0-Low--36.71-PASS



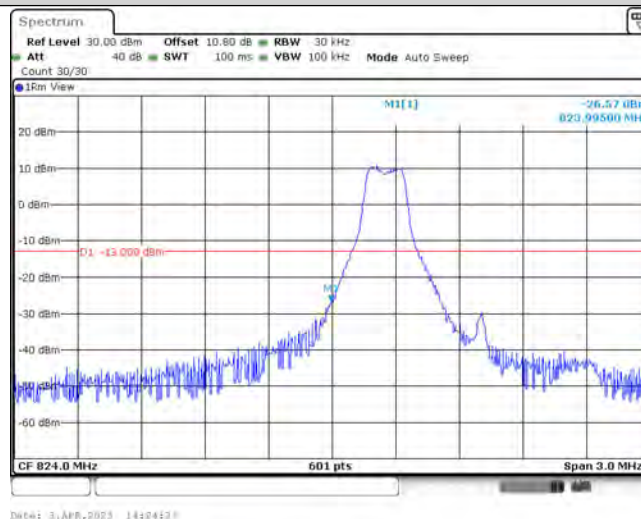
Band4-20MHz-16QAM-20050-6-0-Low--31.31-PASS



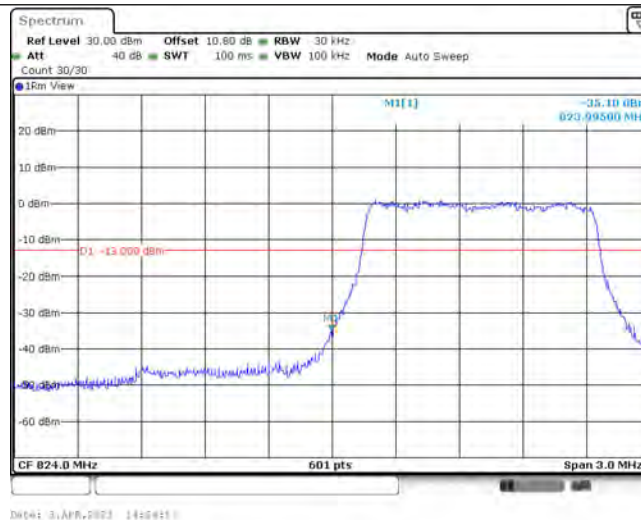
Band4-20MHz-16QAM-20300-1-0-High--39.92-PASS



Band4-20MHz-16QAM-20300-6-0-High--36.72-PASS



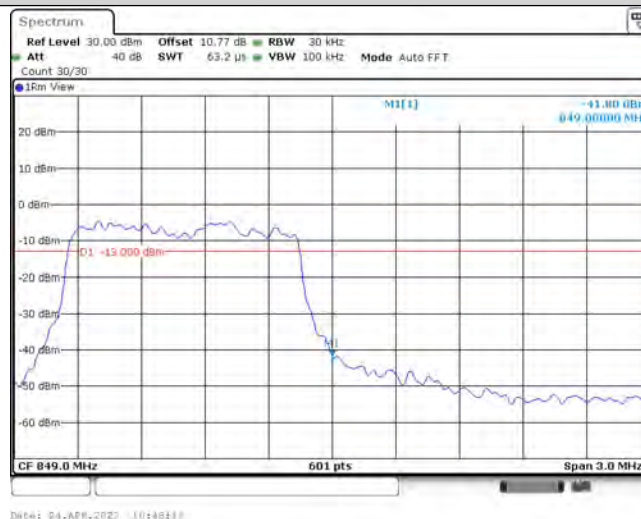
Band5-1.4MHz-QPSK-20407-1-0-Low--26.57-PASS



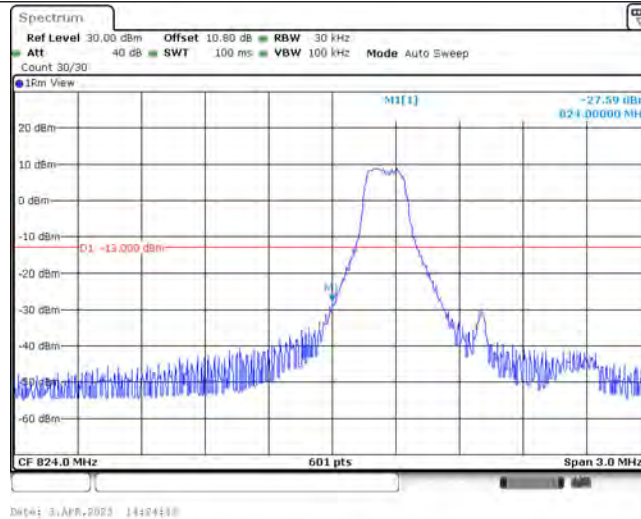
Band5-1.4MHz-QPSK-20407-6-0-Low--35.10-PASS



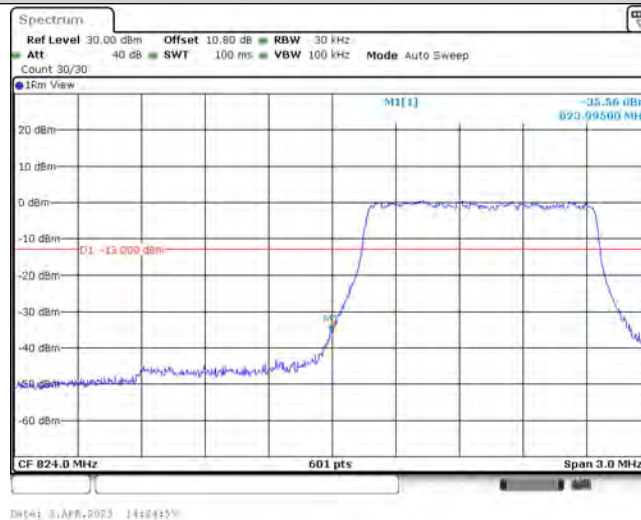
Band5-1.4MHz-QPSK-20643-1-0-High--53.11-PASS



Band5-1.4MHz-QPSK-20643-6-0-High--41.80-PASS



Band5-1.4MHz-16QAM-20407-1-0-Low--27.59-PASS



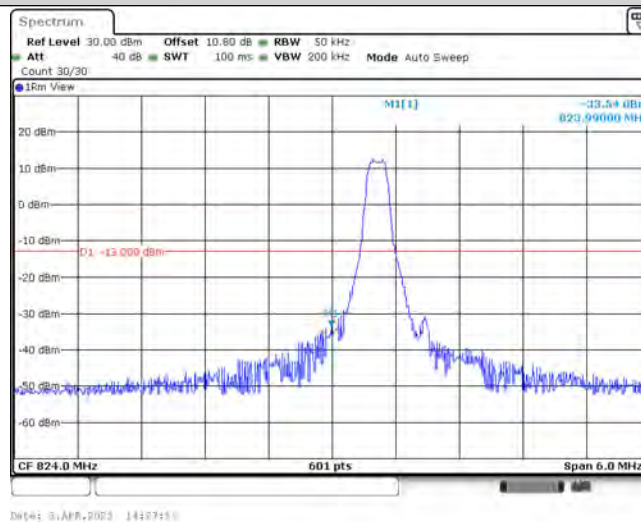
Band5-1.4MHz-16QAM-20407-6-0-Low--35.56-PASS



Band5-1.4MHz-16QAM-20643-1-0-High--53.11-PASS



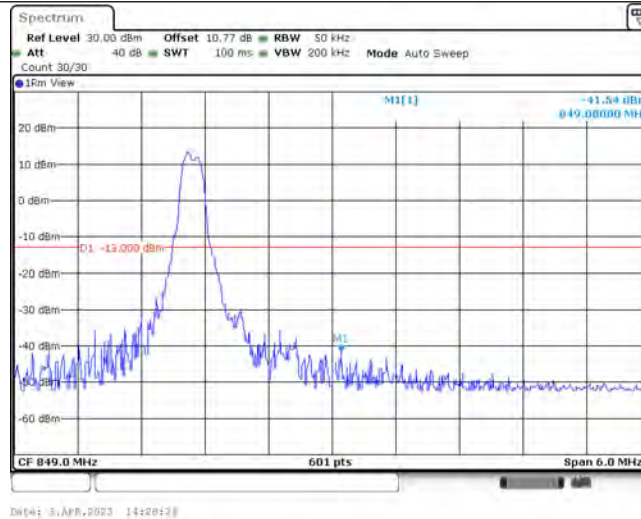
Band5-1.4MHz-16QAM-20643-6-0-High--41.04-PASS



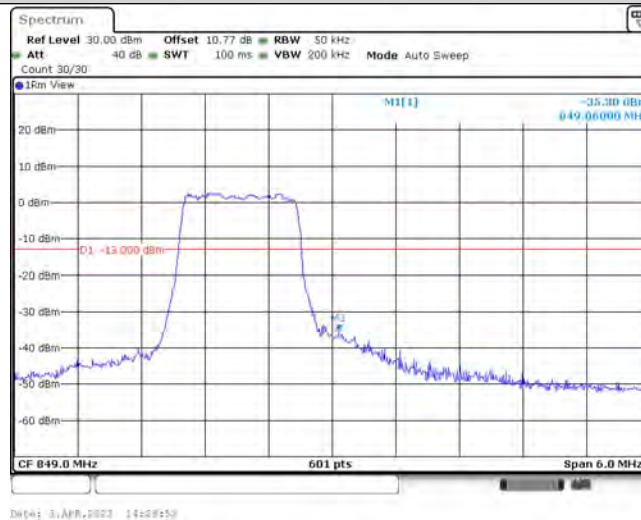
Band5-3MHz-QPSK-20415-1-0-Low--33.54-PASS



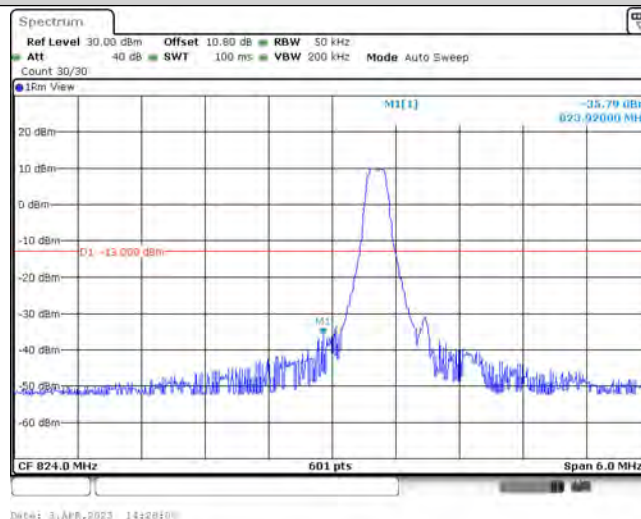
Band5-3MHz-QPSK-20415-6-0-Low--42.01-PASS



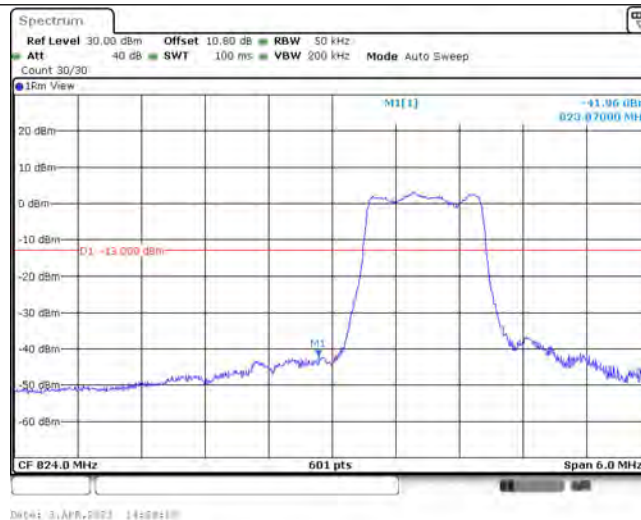
Band5-3MHz-QPSK-20635-1-0-High--41.54-PASS



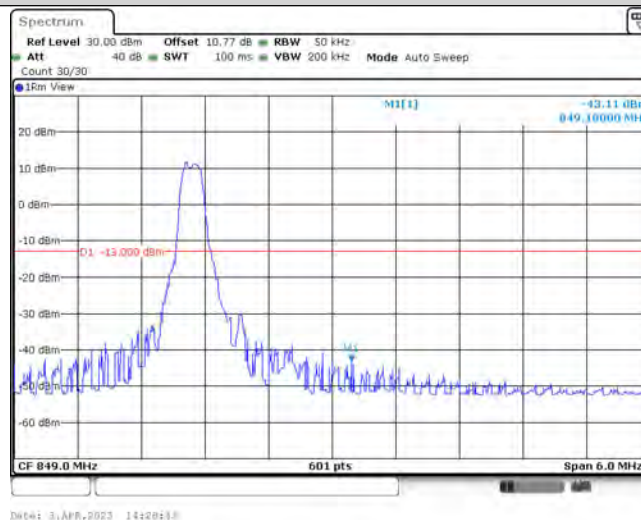
Band5-3MHz-QPSK-20635-6-0-High--35.30-PASS



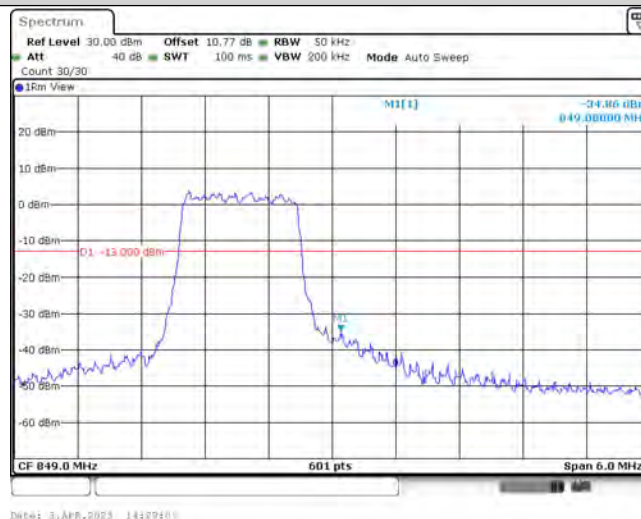
Band5-3MHz-16QAM-20415-1-0-Low--35.79-PASS



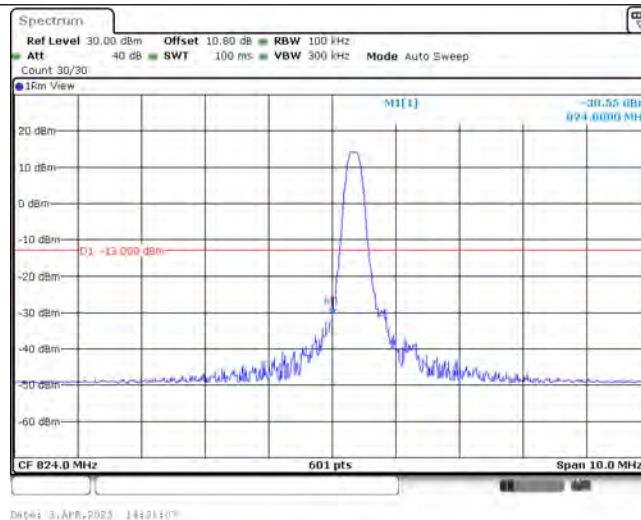
Band5-3MHz-16QAM-20415-6-0-Low--41.96-PASS



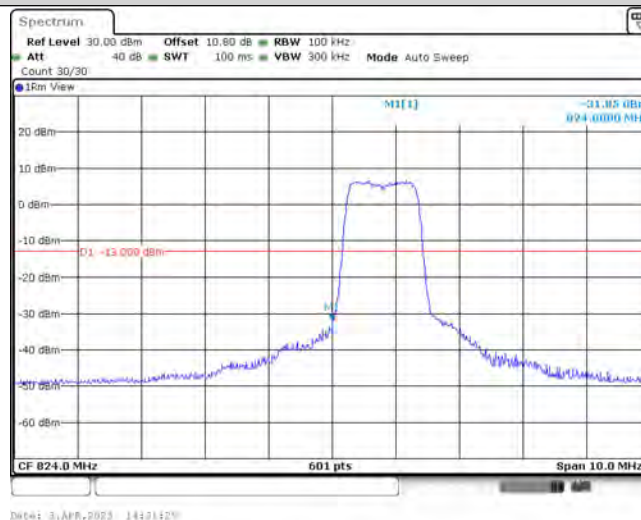
Band5-3MHz-16QAM-20635-1-0-High--43.11-PASS



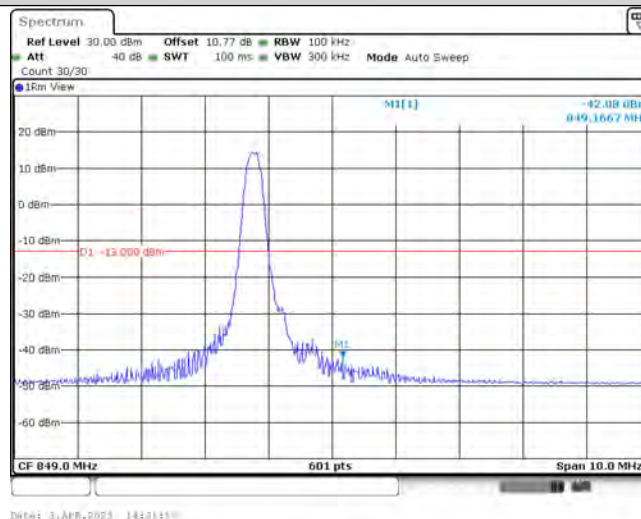
Band5-3MHz-16QAM-20635-6-0-High--34.86-PASS



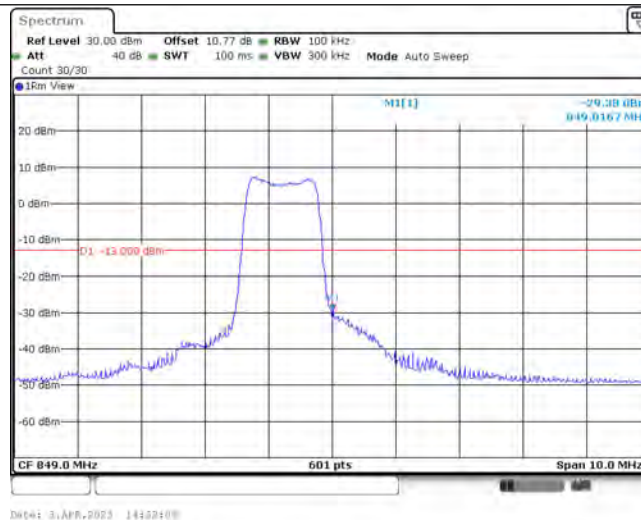
Band5-5MHz-QPSK-20425-1-0-Low--30.55-PASS



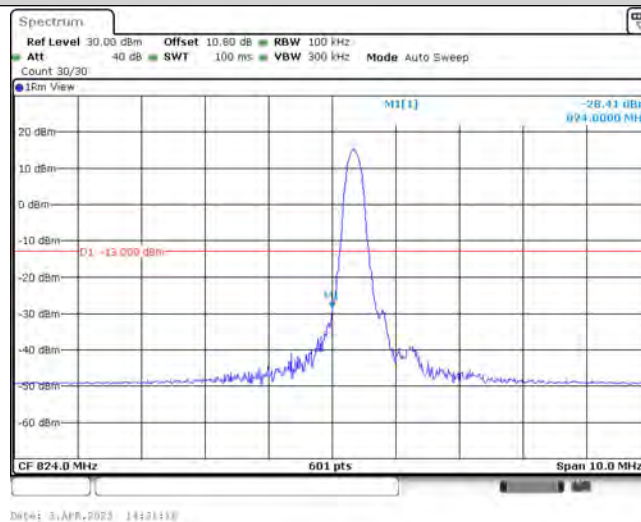
Band5-5MHz-QPSK-20425-6-0-Low--31.85-PASS



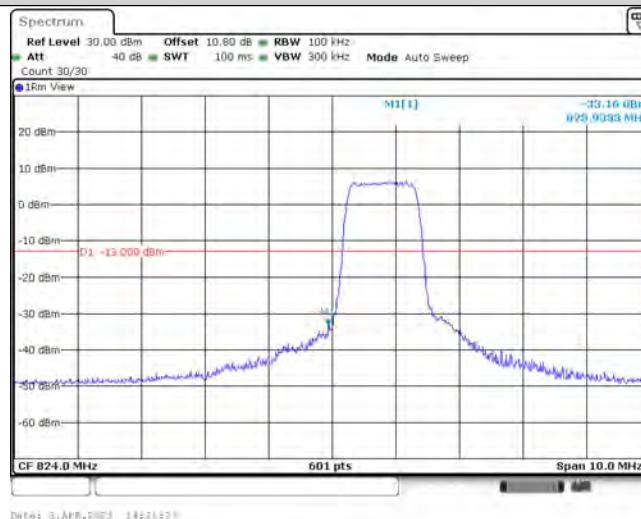
Band5-5MHz-QPSK-20625-1-0-High--42.08-PASS



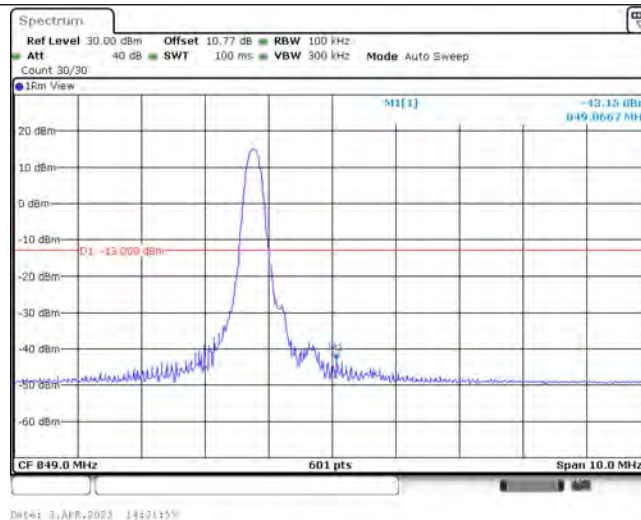
Band5-5MHz-QPSK-20625-6-0-High--29.38-PASS



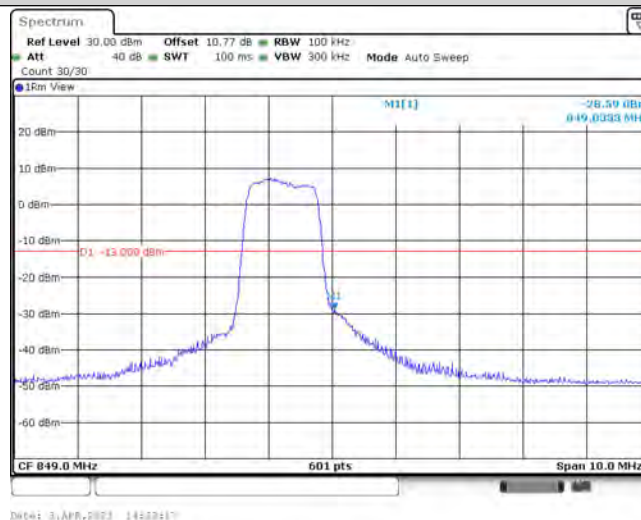
Band5-5MHz-16QAM-20425-1-0-Low--28.41-PASS



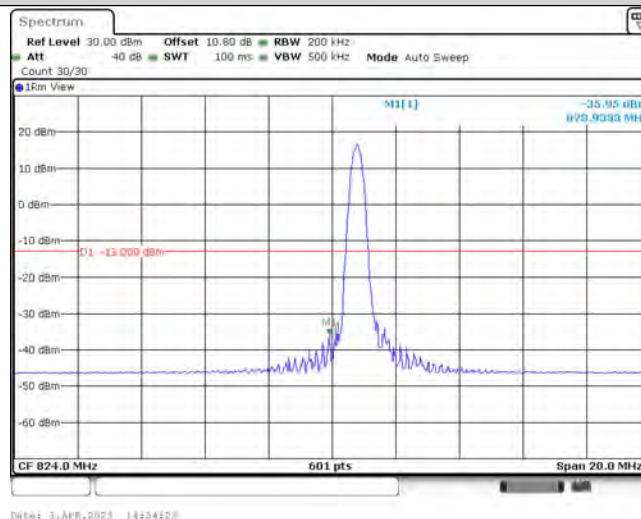
Band5-5MHz-16QAM-20425-6-0-Low--33.16-PASS



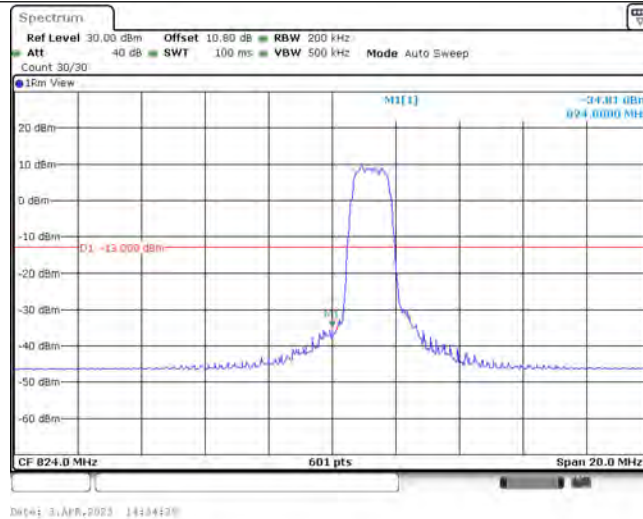
Band5-5MHz-16QAM-20625-1-0-High--43.15-PASS



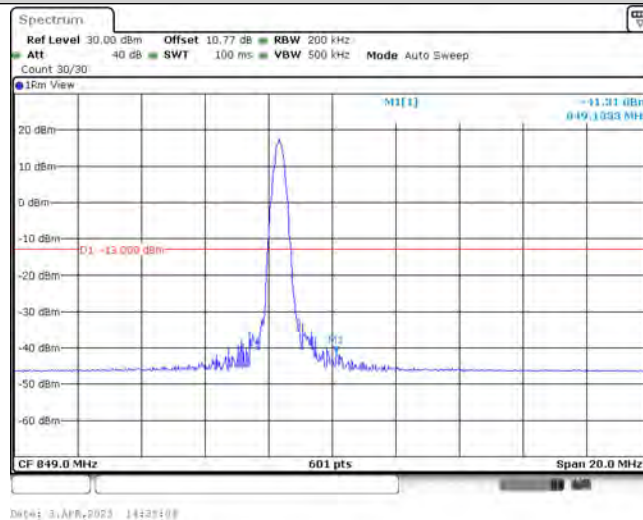
Band5-5MHz-16QAM-20625-6-0-High--28.59-PASS



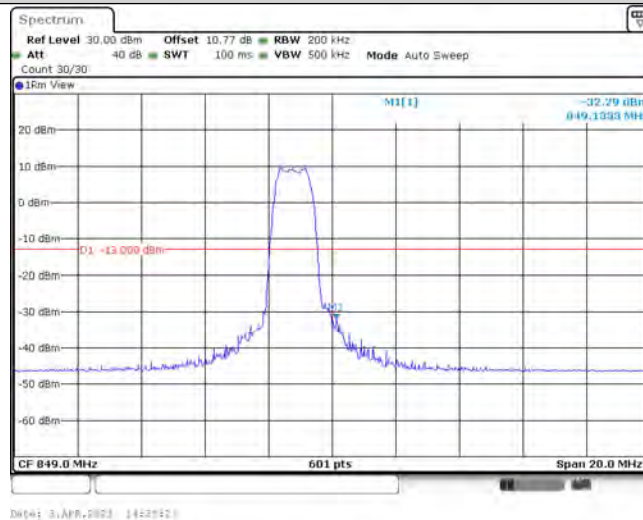
Band5-10MHz-QPSK-20450-1-0-Low--35.95-PASS



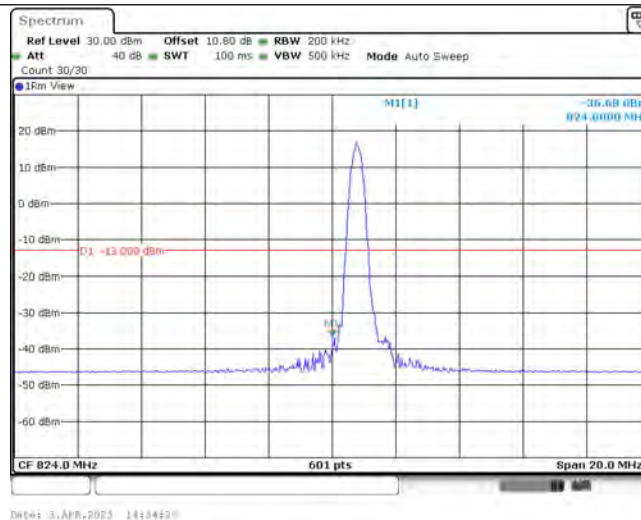
Band5-10MHz-QPSK-20450-6-0-Low--34.81-PASS



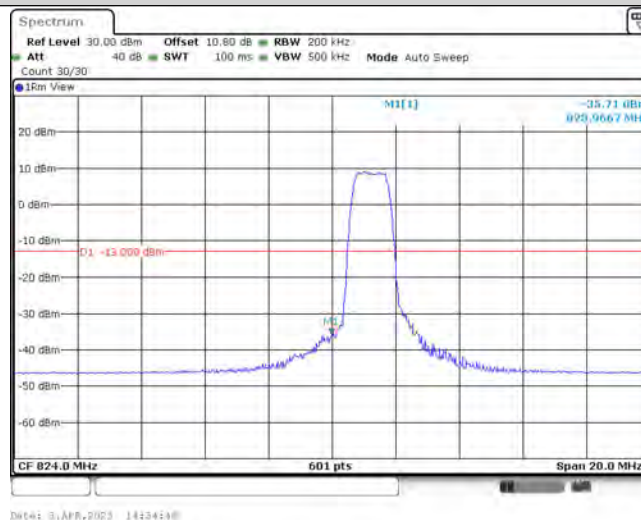
Band5-10MHz-QPSK-20600-1-0-High--41.31-PASS



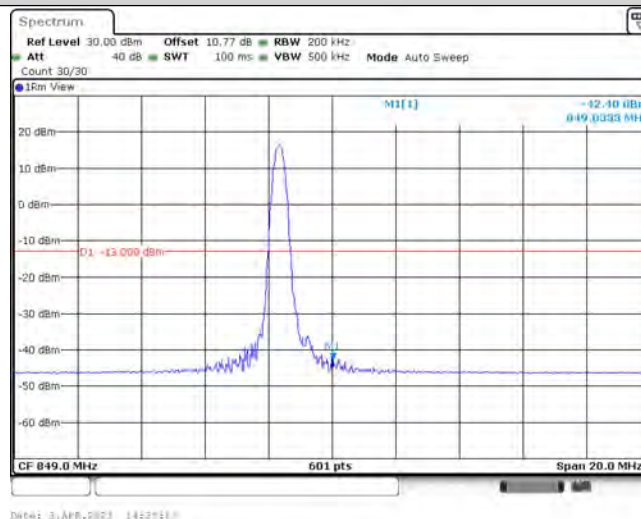
Band5-10MHz-QPSK-20600-6-0-High--32.29-PASS



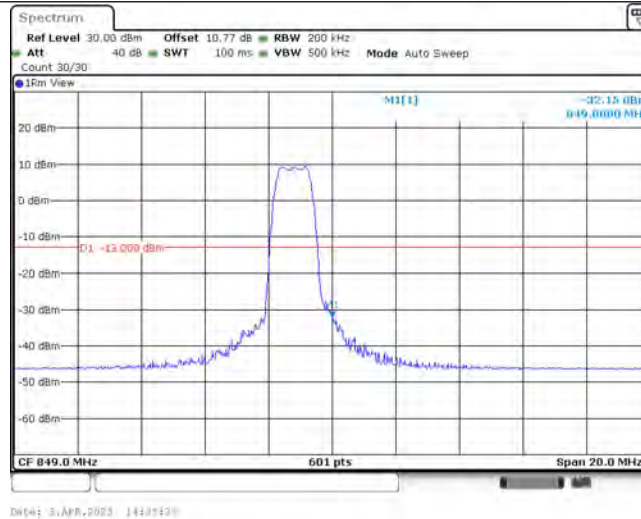
Band5-10MHz-16QAM-20450-1-0-Low--36.68-PASS



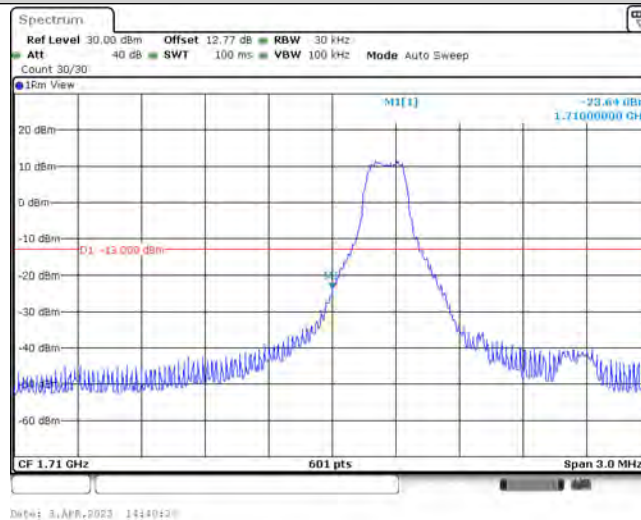
Band5-10MHz-16QAM-20450-6-0-Low--35.71-PASS



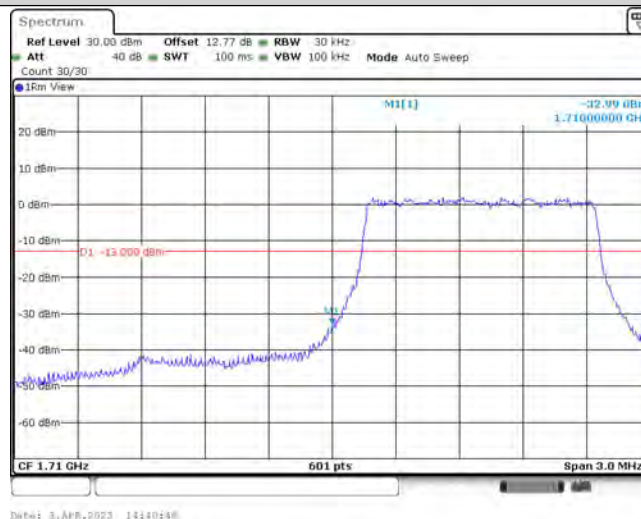
Band5-10MHz-16QAM-20600-1-0-High--42.40-PASS



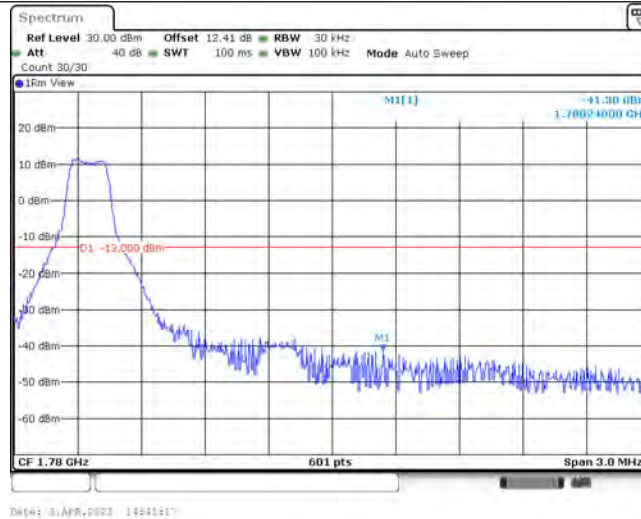
Band5-10MHz-16QAM-20600-6-0-High--32.15-PASS



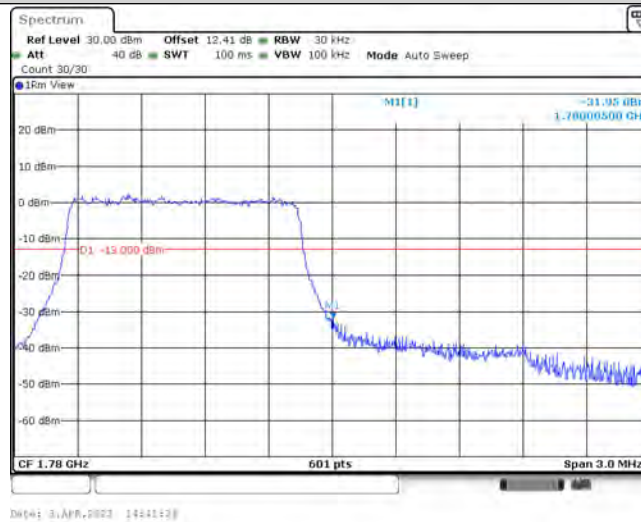
Band66-1.4MHz-QPSK-131979-1-0-Low--23.64-PASS



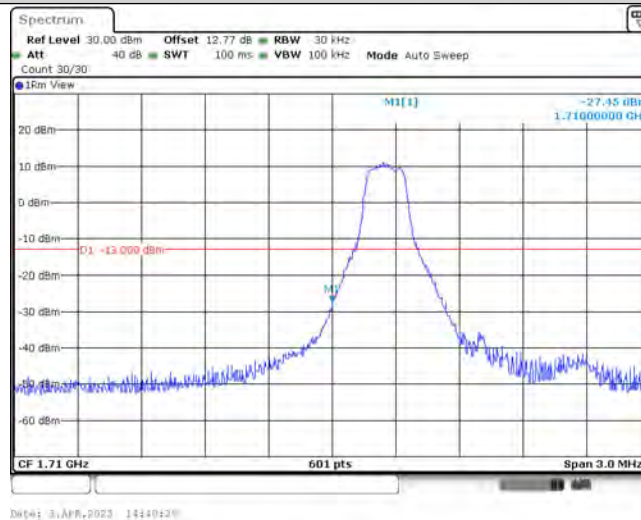
Band66-1.4MHz-QPSK-131979-6-0-Low--32.99-PASS



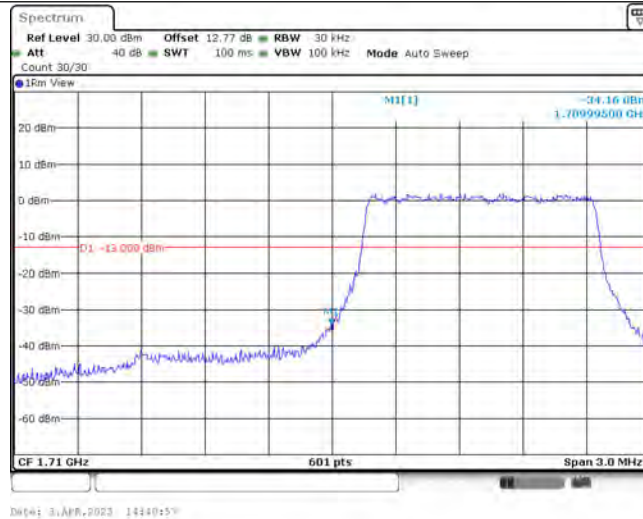
Band66-1.4MHz-QPSK-132665-1-0-High--41.30-PASS



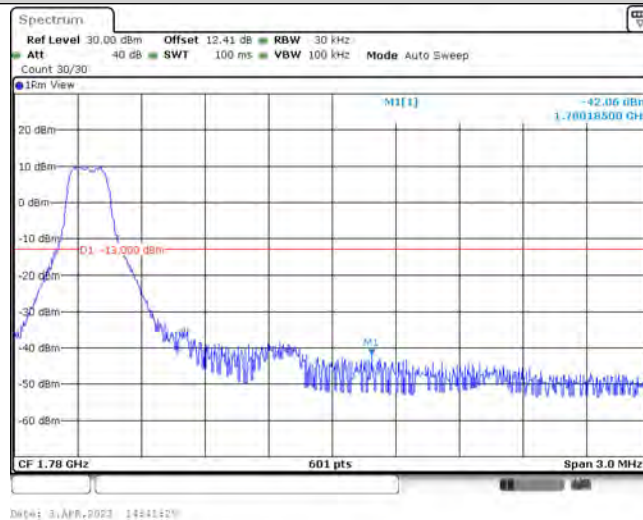
Band66-1.4MHz-QPSK-132665-6-0-High--31.95-PASS



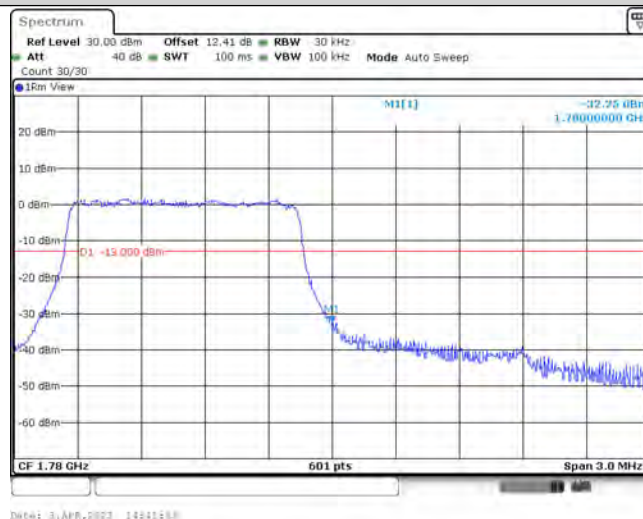
Band66-1.4MHz-16QAM-131979-1-0-Low--27.45-PASS



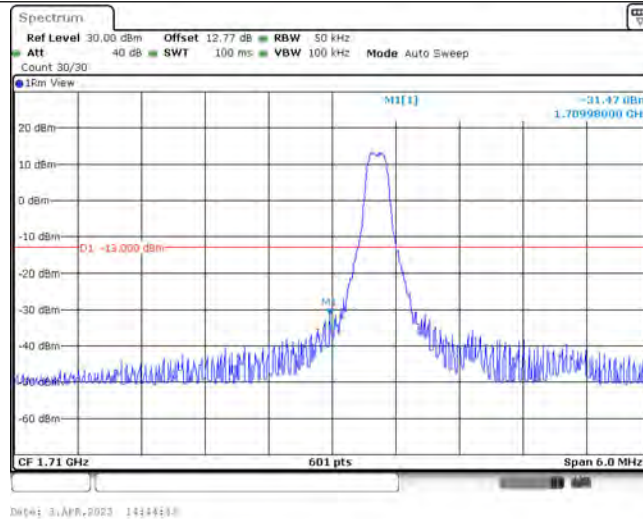
Band66-1.4MHz-16QAM-131979-6-0-Low--34.16-PASS



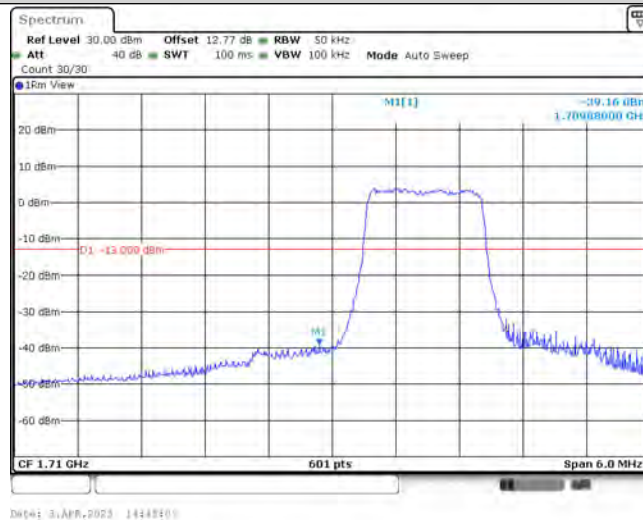
Band66-1.4MHz-16QAM-132665-1-0-High--42.06-PASS



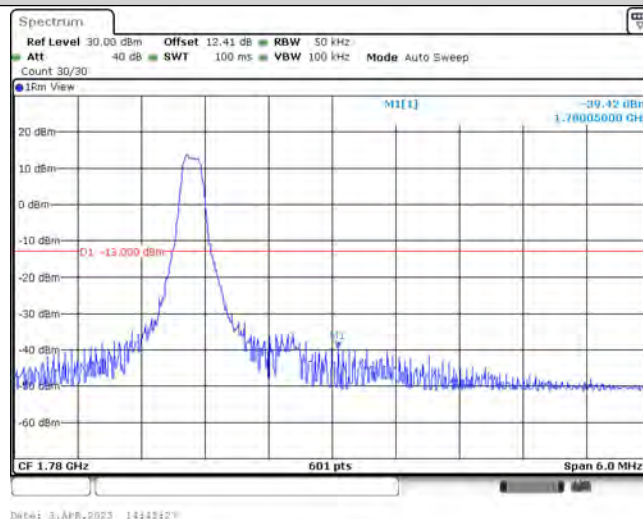
Band66-1.4MHz-16QAM-132665-6-0-High--32.25-PASS



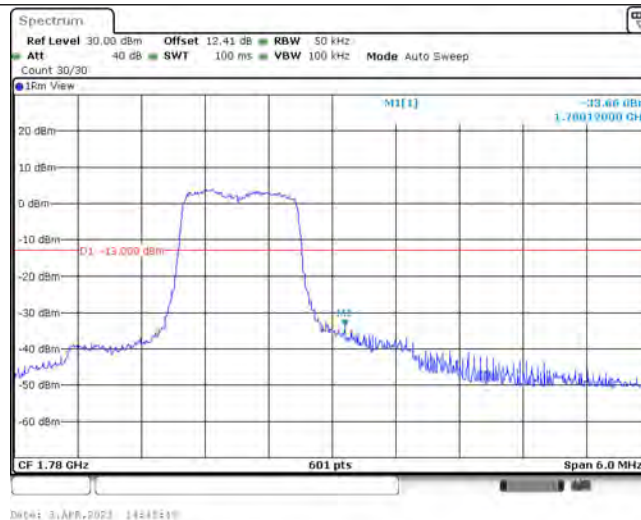
Band66-3MHz-QPSK-131987-1-0-Low--31.47-PASS



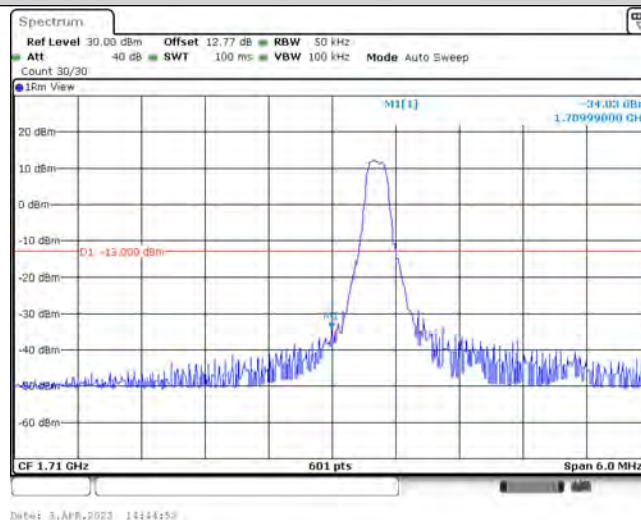
Band66-3MHz-QPSK-131987-6-0-Low--39.16-PASS



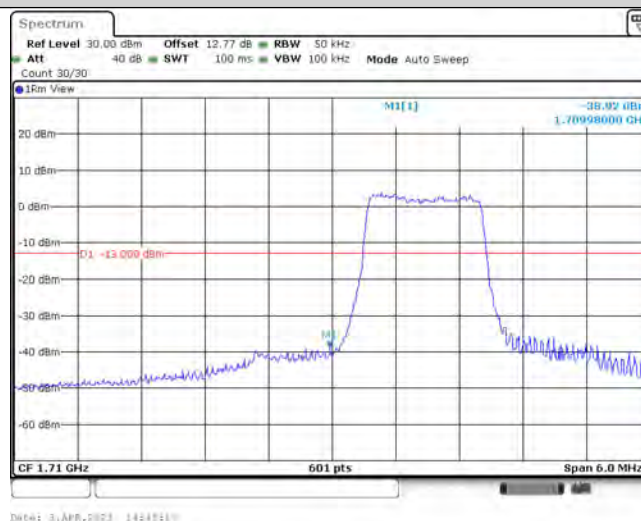
Band66-3MHz-QPSK-132657-1-0-High--39.42-PASS



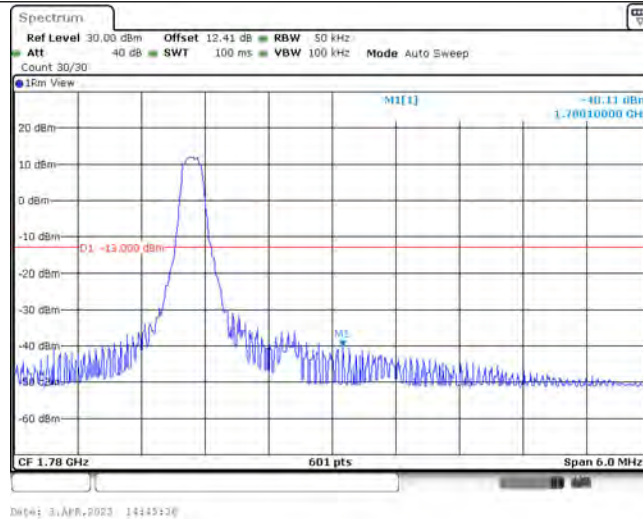
Band66-3MHz-QPSK-132657-6-0-High--33.66-PASS



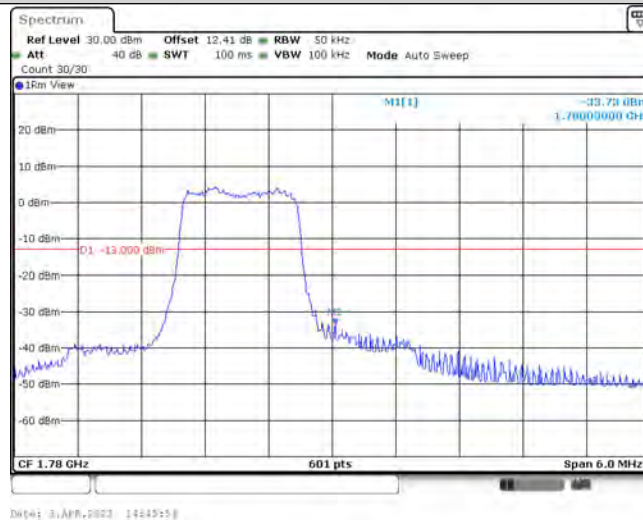
Band66-3MHz-16QAM-131987-1-0-Low--34.03-PASS



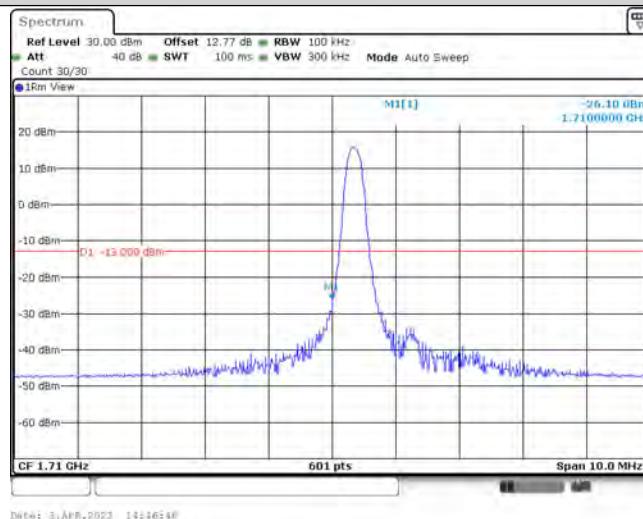
Band66-3MHz-16QAM-131987-6-0-Low--38.92-PASS



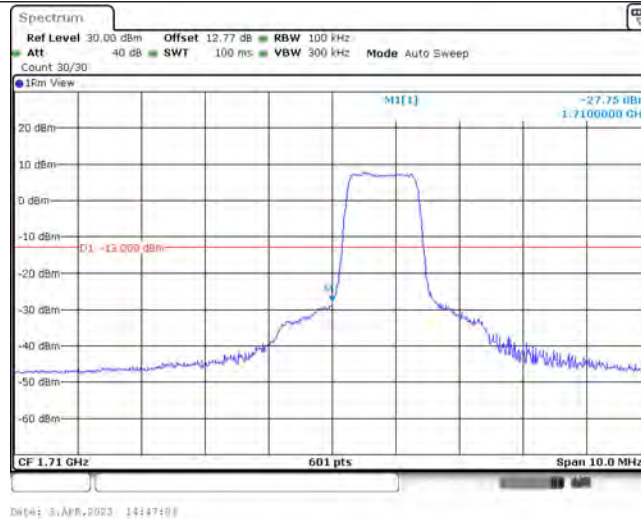
Band66-3MHz-16QAM-132657-1-0-High--40.11-PASS



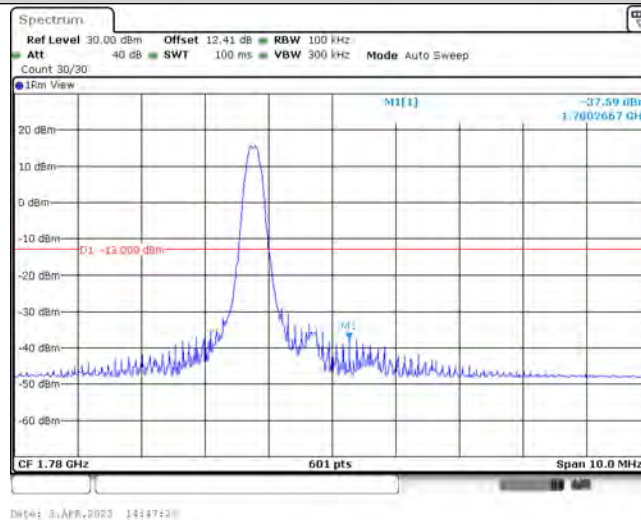
Band66-3MHz-16QAM-132657-6-0-High--33.73-PASS



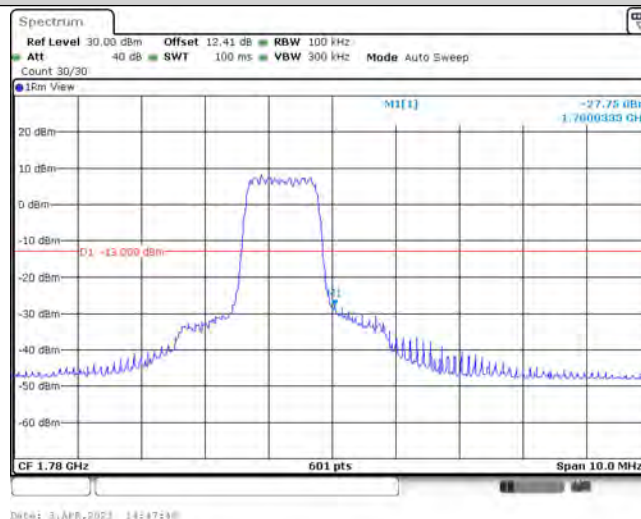
Band66-5MHz-QPSK-131997-1-0-Low--26.10-PASS



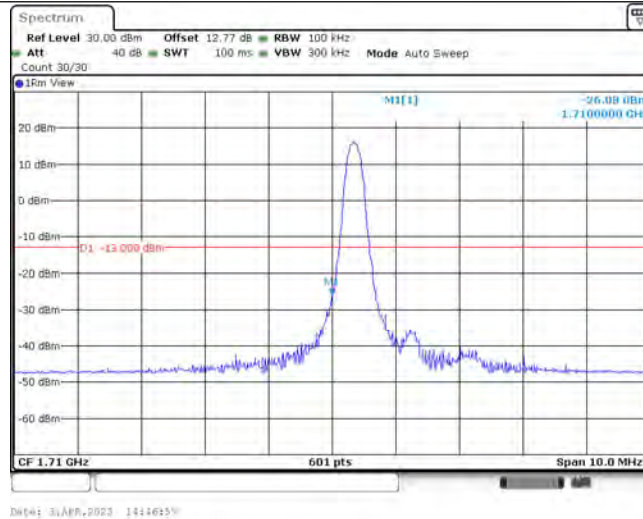
Band66-5MHz-QPSK-131997-6-0-Low--27.75-PASS



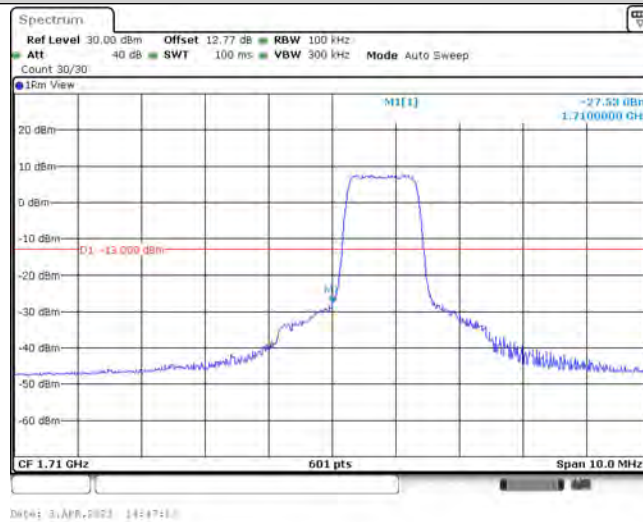
Band66-5MHz-QPSK-132647-1-0-High--37.59-PASS



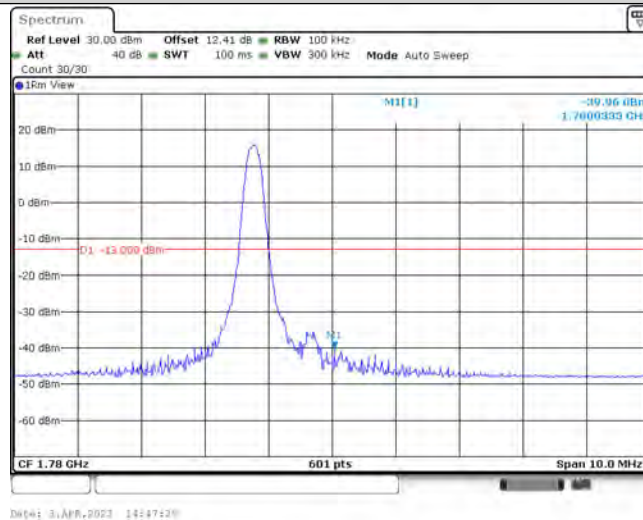
Band66-5MHz-QPSK-132647-6-0-High--27.75-PASS



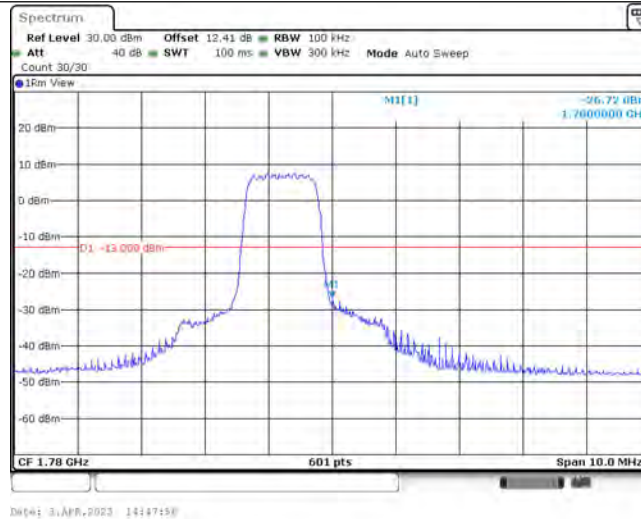
Band66-5MHz-16QAM-131997-1-0-Low--26.08-PASS



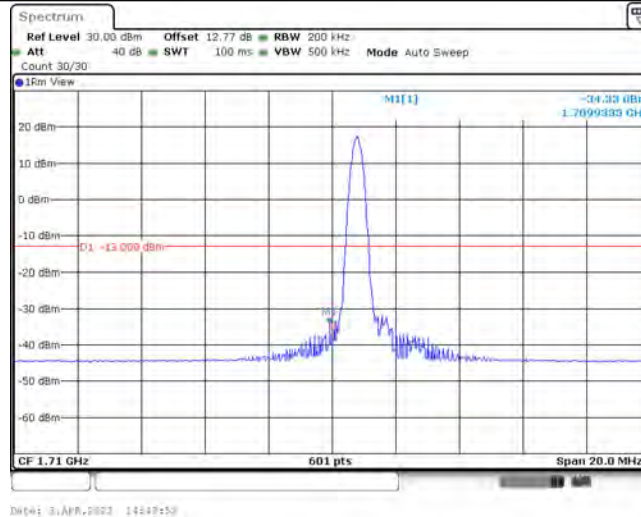
Band66-5MHz-16QAM-131997-6-0-Low--27.53-PASS



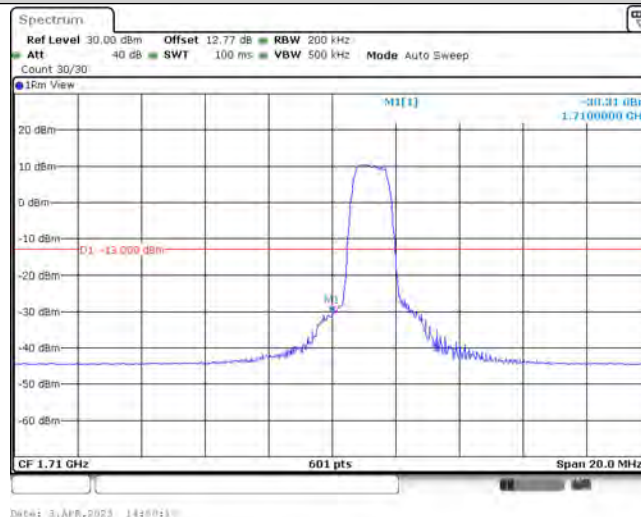
Band66-5MHz-16QAM-132647-1-0-High--39.96-PASS



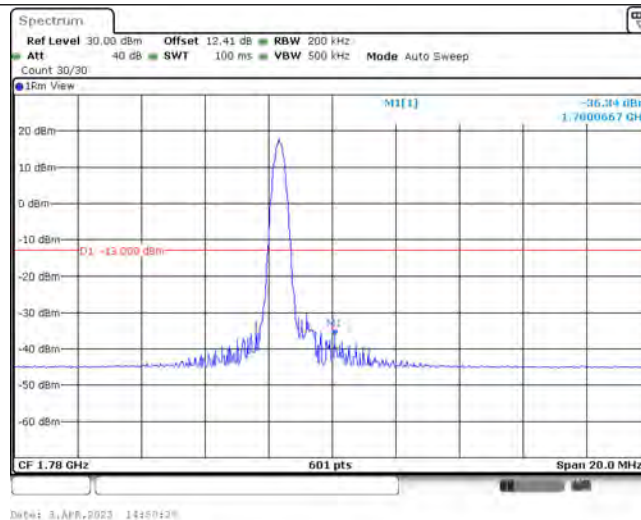
Band66-5MHz-16QAM-132647-6-0-High--26.72-PASS



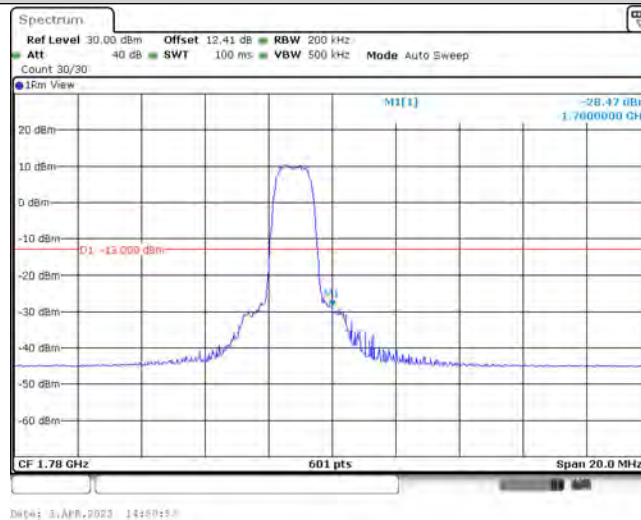
Band66-10MHz-QPSK-132022-1-0-Low--34.33-PASS



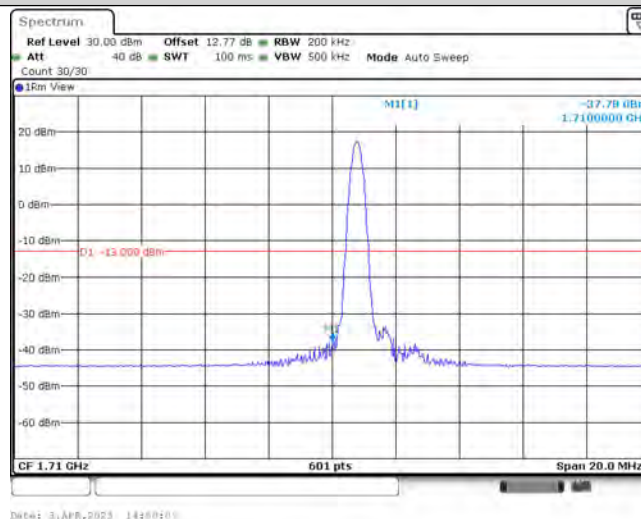
Band66-10MHz-QPSK-132022-6-0-Low--30.31-PASS



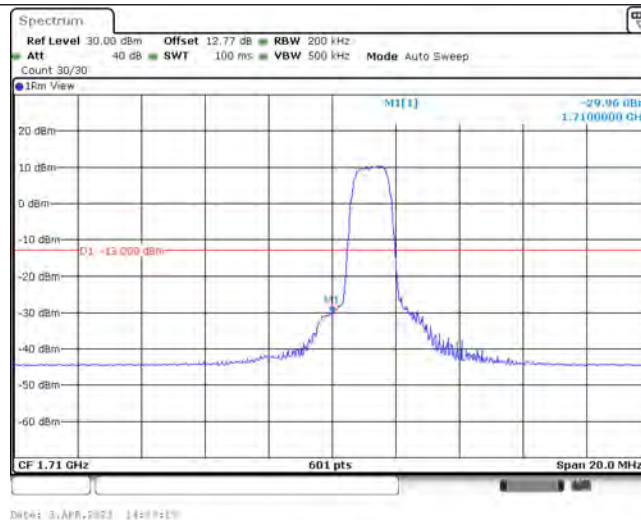
Band66-10MHz-QPSK-132622-1-0-High--36.34-PASS



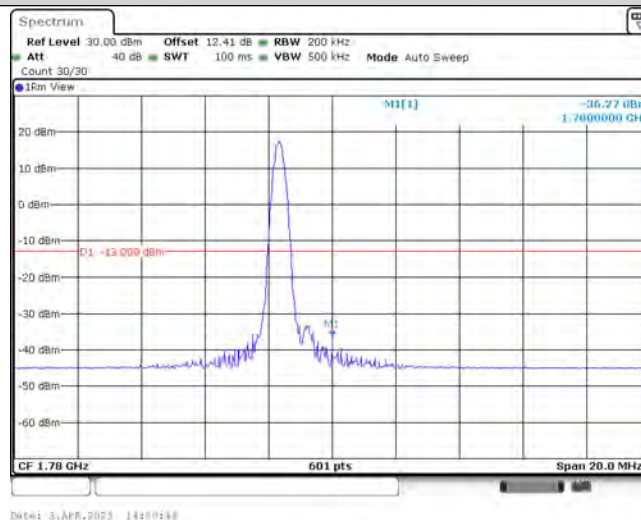
Band66-10MHz-QPSK-132622-6-0-High--28.47-PASS



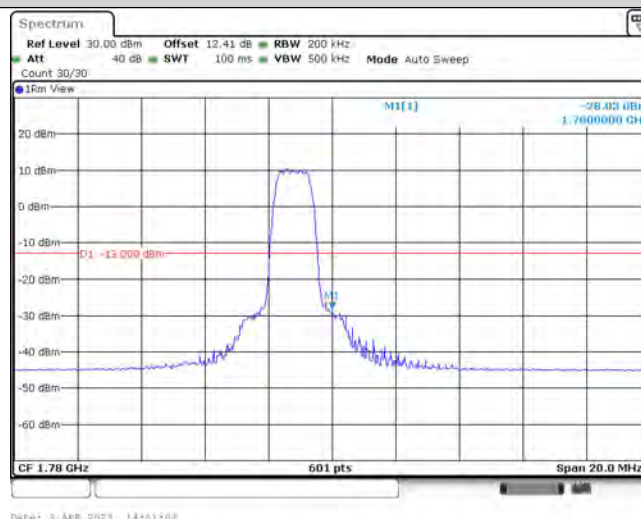
Band66-10MHz-16QAM-132022-1-0-Low--37.78-PASS



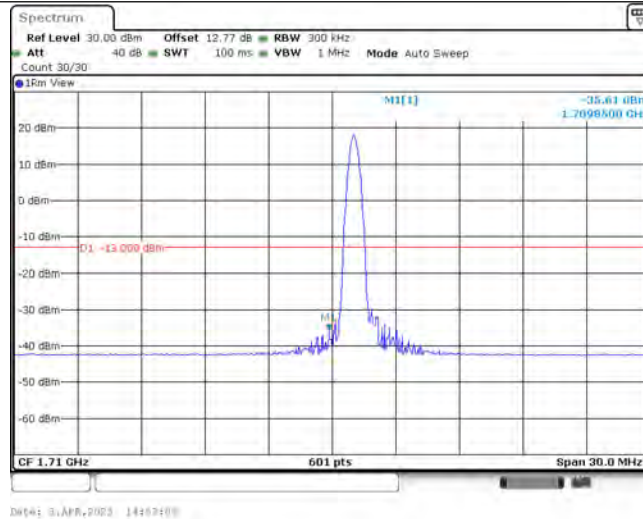
Band66-10MHz-16QAM-132022-6-0-Low--29.96-PASS



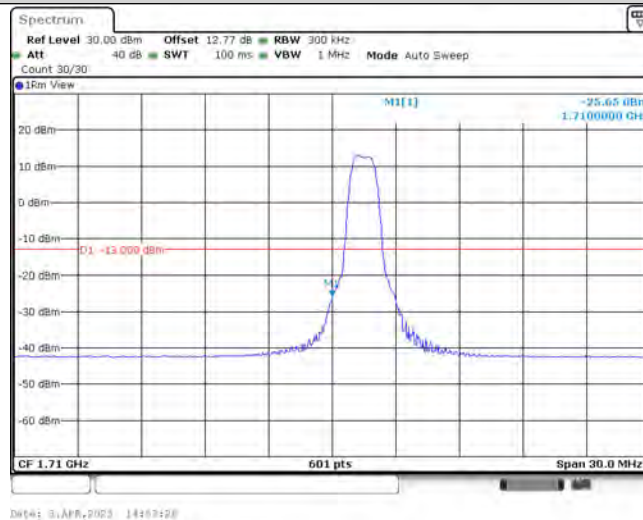
Band66-10MHz-16QAM-132622-1-0-High--36.27-PASS



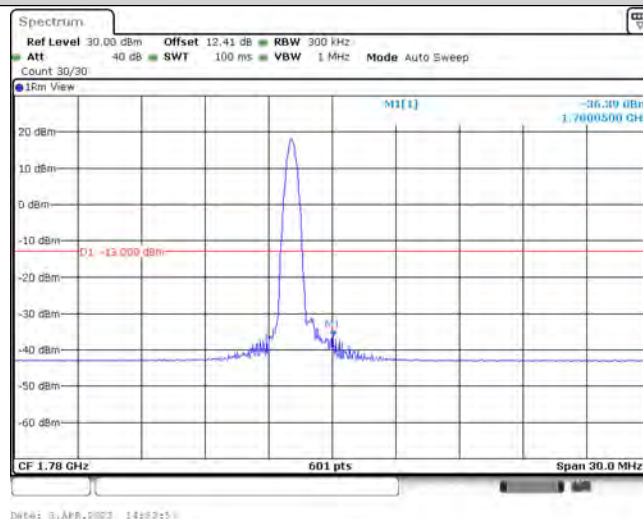
Band66-10MHz-16QAM-132622-6-0-High--28.03-PASS



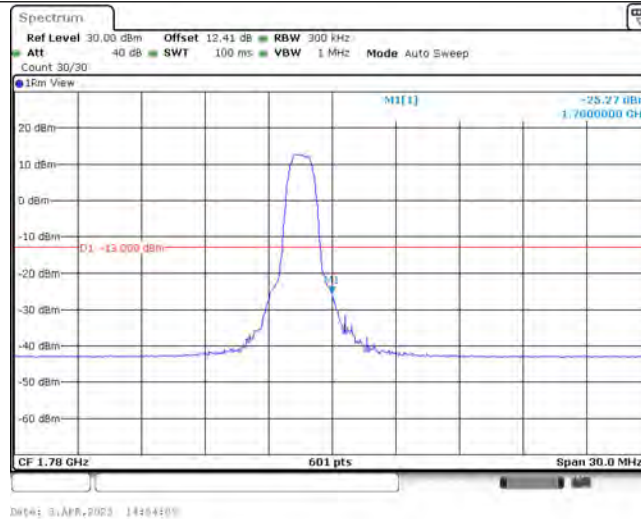
Band66-15MHz-QPSK-132047-1-0-Low--35.61-PASS



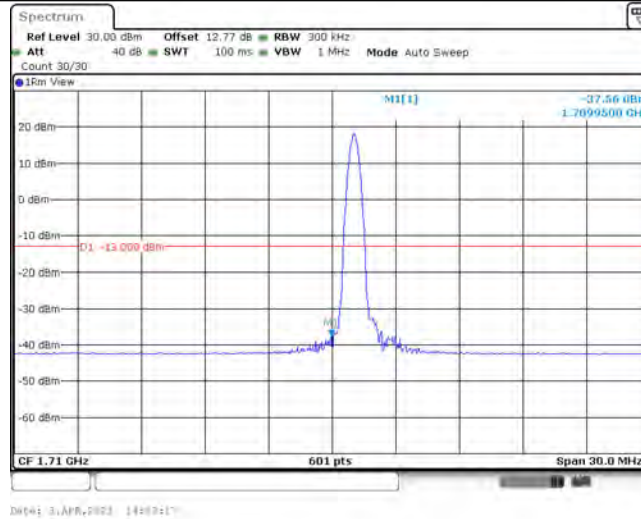
Band66-15MHz-QPSK-132047-6-0-Low--25.65-PASS



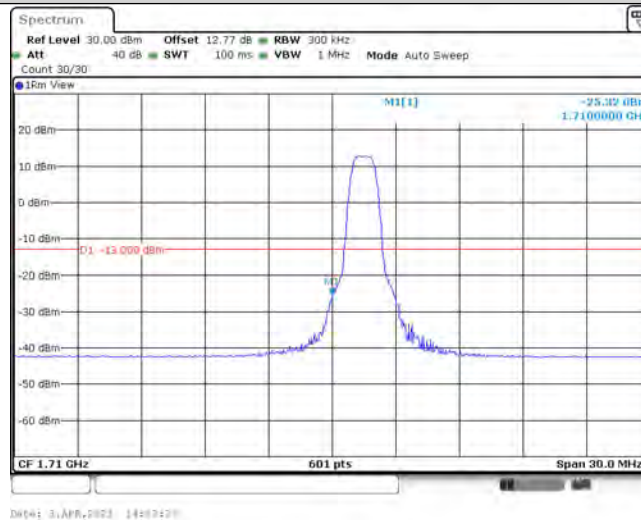
Band66-15MHz-QPSK-132597-1-0-High--36.39-PASS



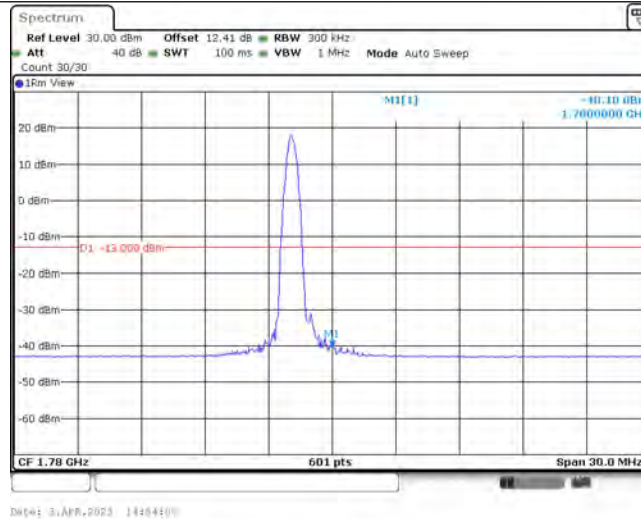
Band66-15MHz-QPSK-132597-6-0-High--25.27-PASS



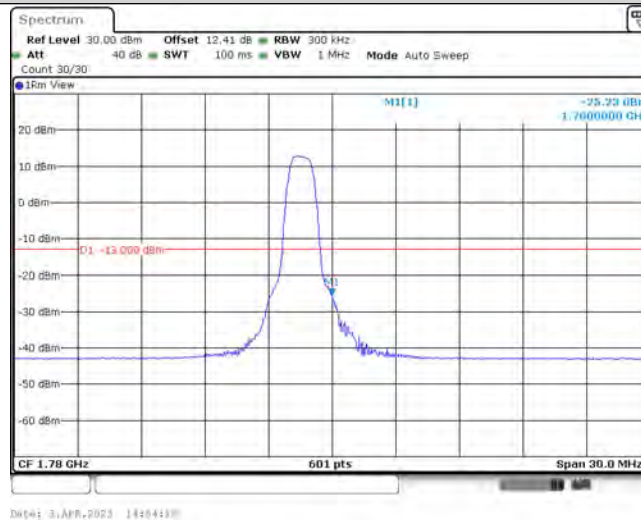
Band66-15MHz-16QAM-132047-1-0-Low--37.56-PASS



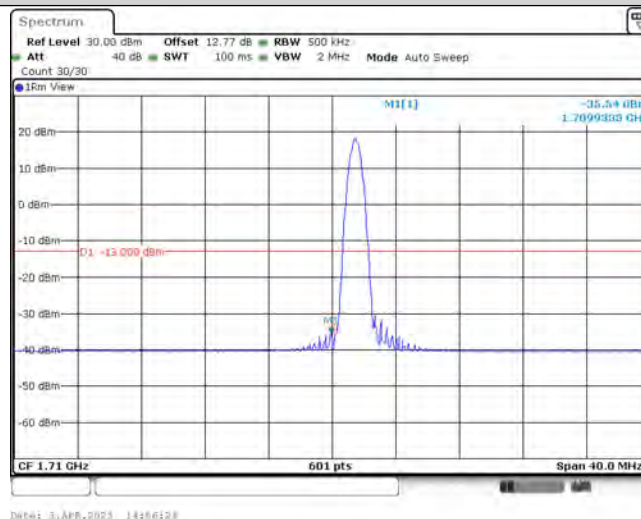
Band66-15MHz-16QAM-132047-6-0-Low--25.32-PASS



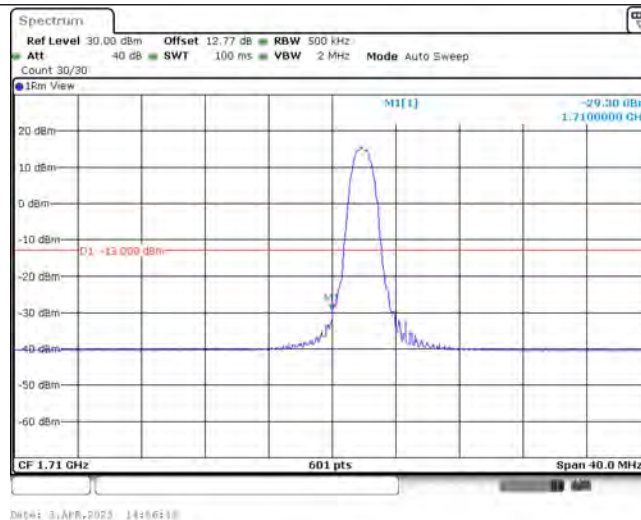
Band66-15MHz-16QAM-132597-1-0-High--40.10-PASS



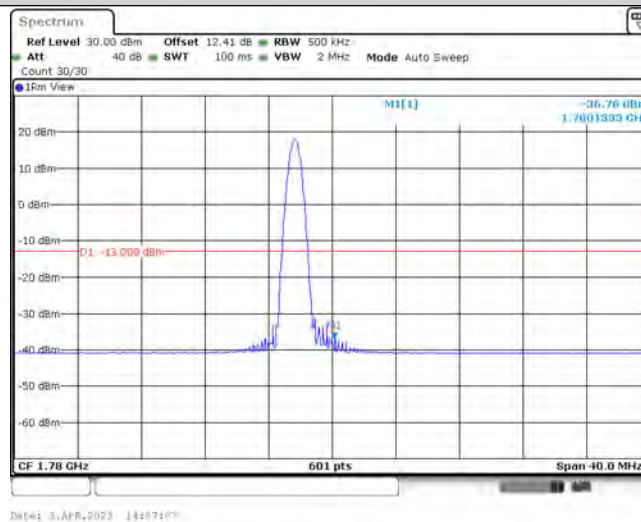
Band66-15MHz-16QAM-132597-6-0-High--25.23-PASS



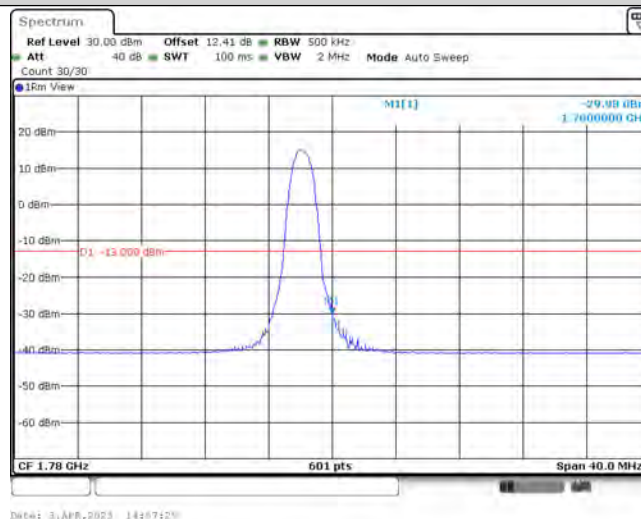
Band66-20MHz-QPSK-132072-1-0-Low--35.54-PASS



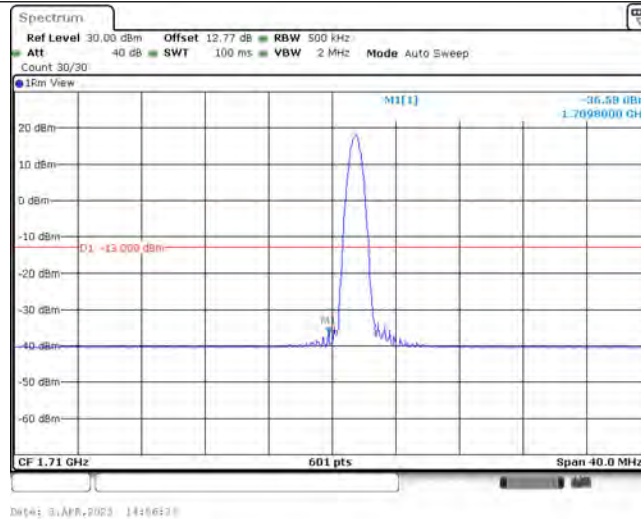
Band66-20MHz-QPSK-132072-6-0-Low--29.30-PASS



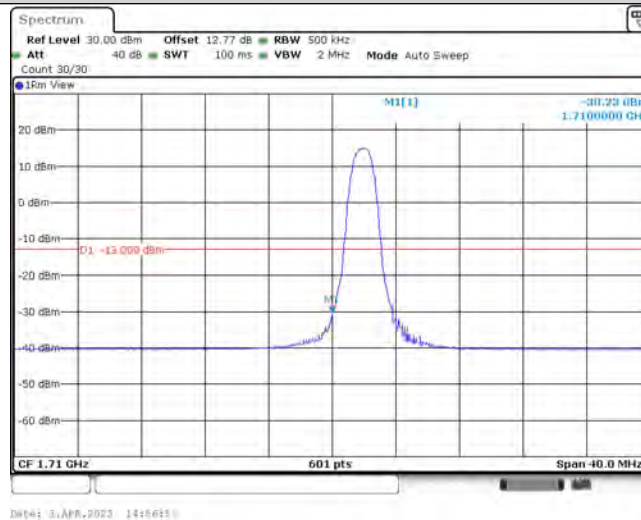
Band66-20MHz-QPSK-132572-1-0-High--36.76-PASS



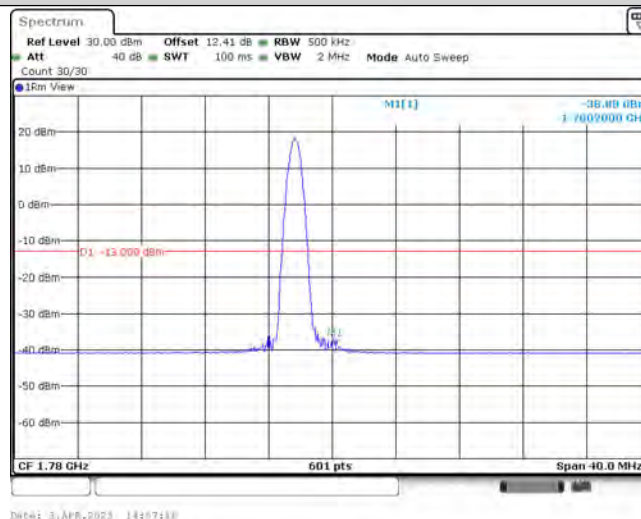
Band66-20MHz-QPSK-132572-6-0-High--29.98-PASS



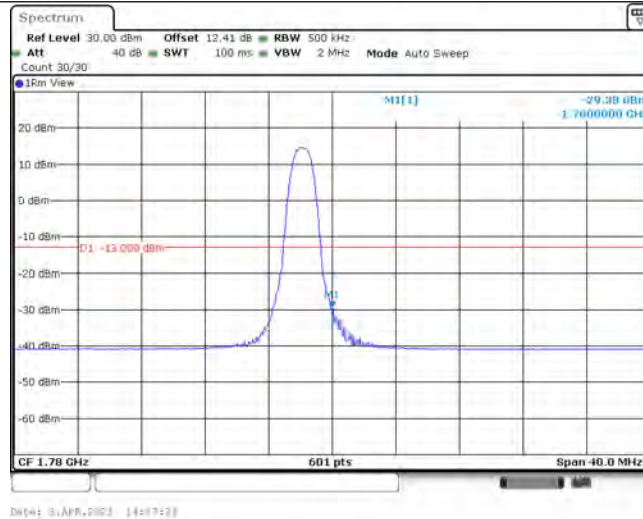
Band66-20MHz-16QAM-132072-1-0-Low--36.58-PASS



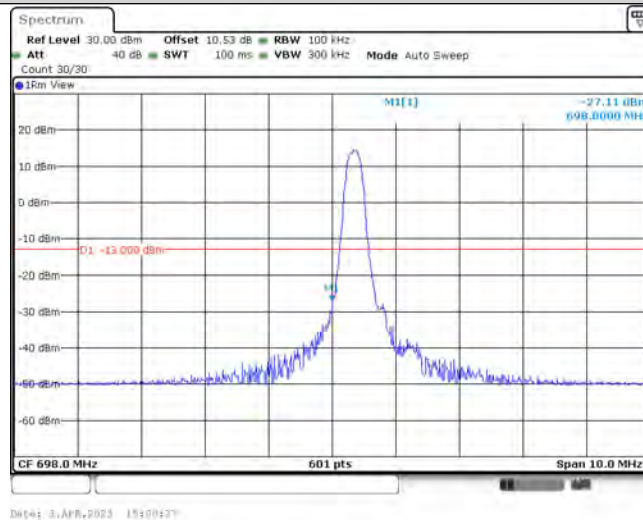
Band66-20MHz-16QAM-132072-6-0-Low--30.23-PASS



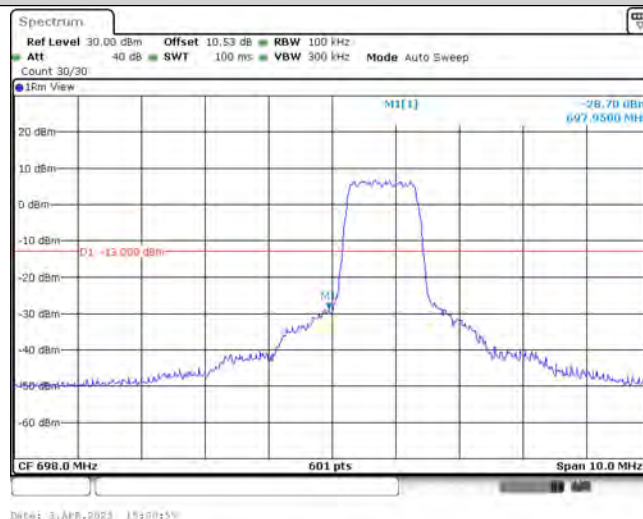
Band66-20MHz-16QAM-132572-1-0-High--38.88-PASS



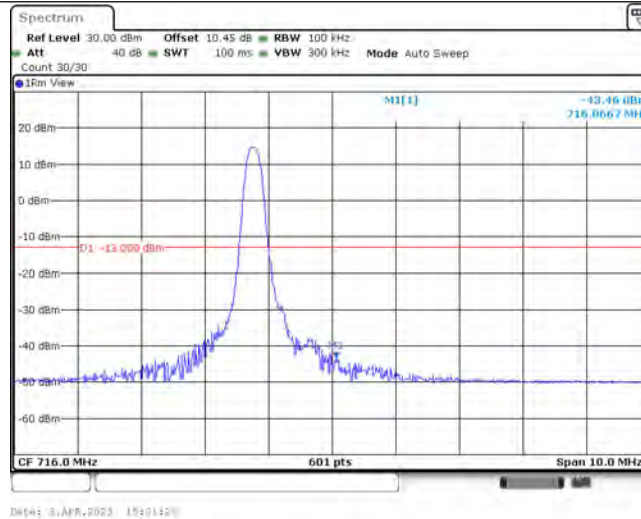
Band66-20MHz-16QAM-132572-6-0-High--29.38-PASS



Band85-5MHz-QPSK-134027-1-0-Low--27.11-PASS



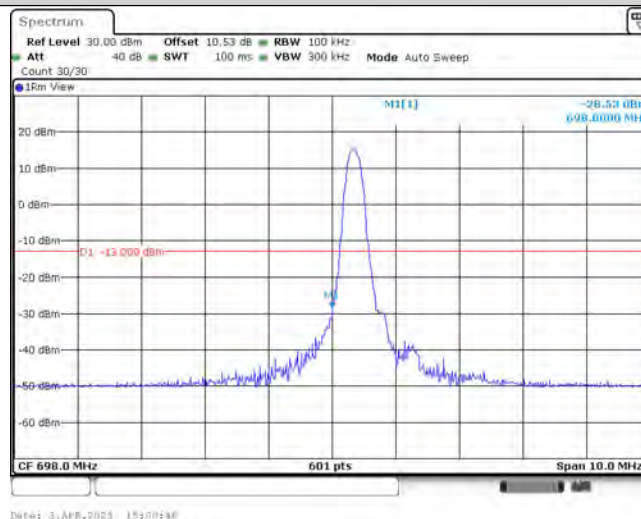
Band85-5MHz-QPSK-134027-6-0-Low--28.70-PASS



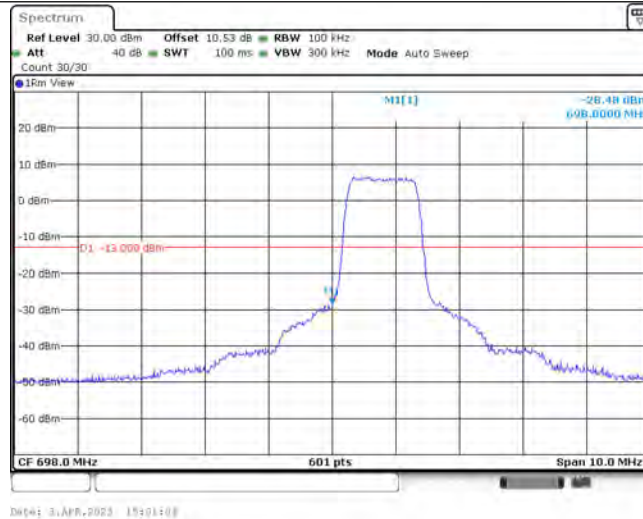
Band85-5MHz-QPSK-134157-1-0-High--43.46-PASS



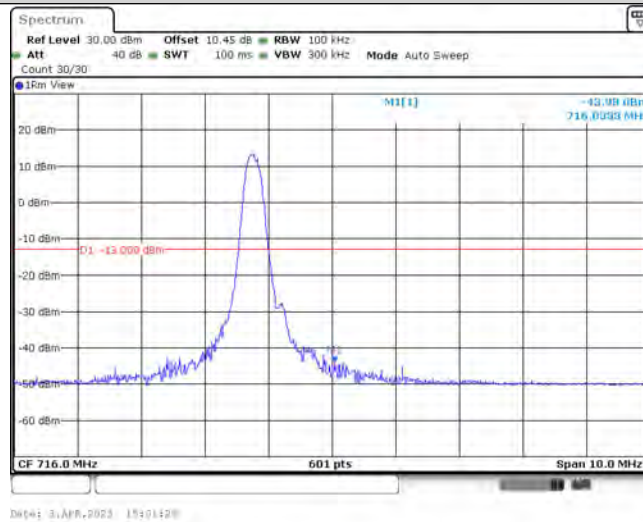
Band85-5MHz-QPSK-134157-6-0-High--26.80-PASS



Band85-5MHz-16QAM-134027-1-0-Low--28.53-PASS



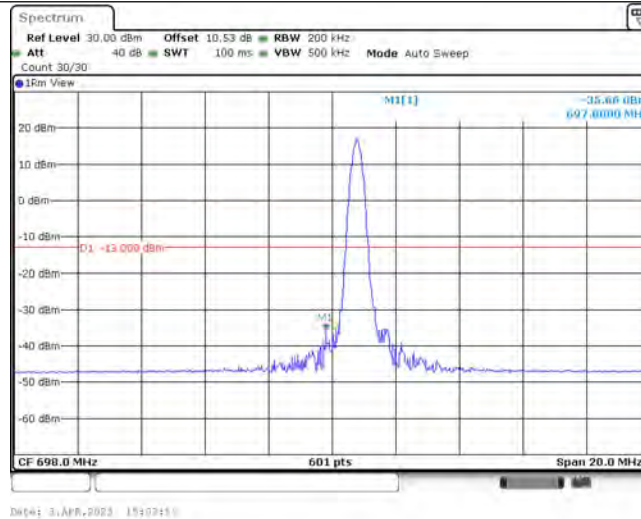
Band85-5MHz-16QAM-134027-6-0-Low--28.48-PASS



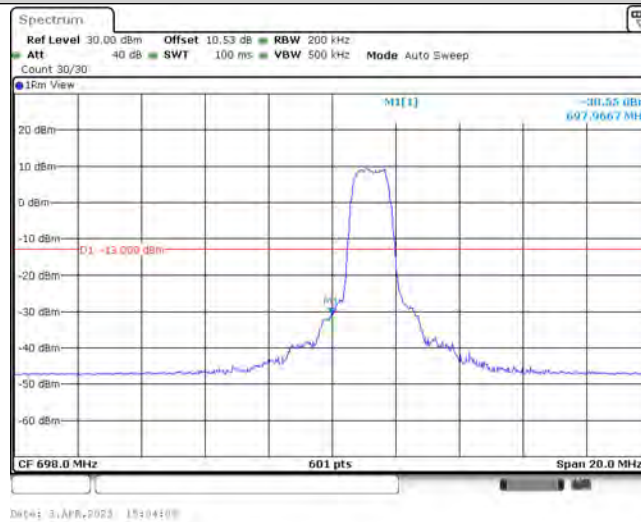
Band85-5MHz-16QAM-134157-1-0-High--43.98-PASS



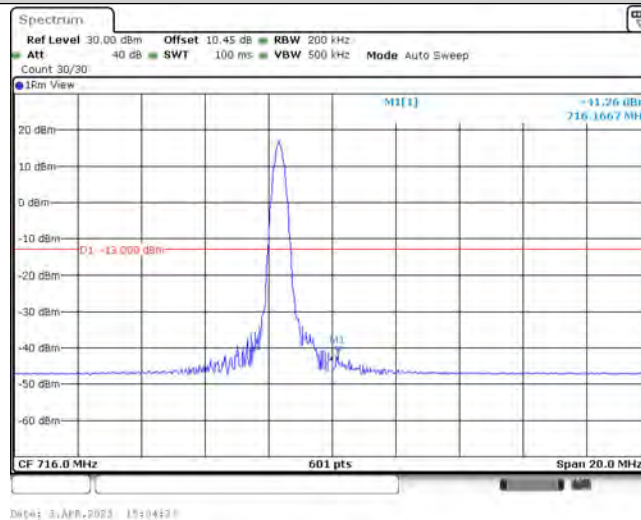
Band85-5MHz-16QAM-134157-6-0-High--27.81-PASS



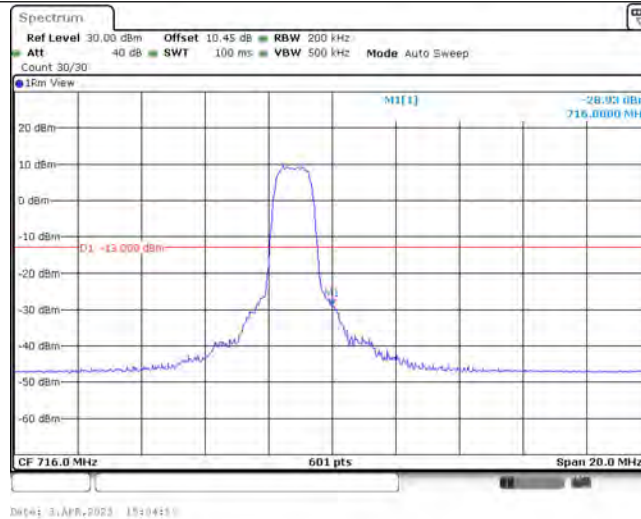
Band85-10MHz-QPSK-134052-1-0-Low--35.66-PASS



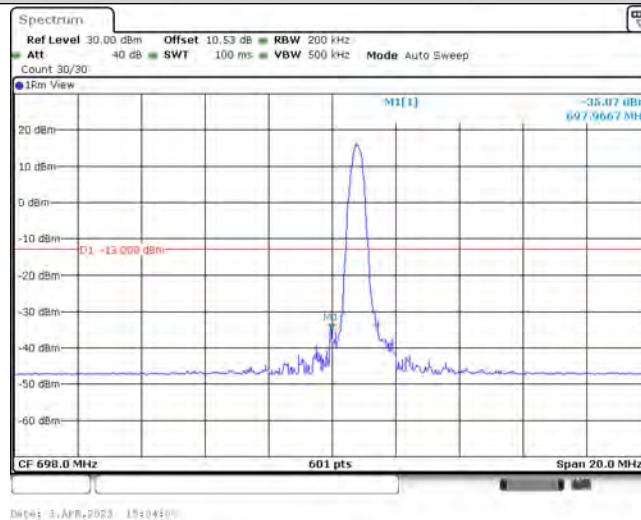
Band85-10MHz-QPSK-134052-6-0-Low--30.55-PASS



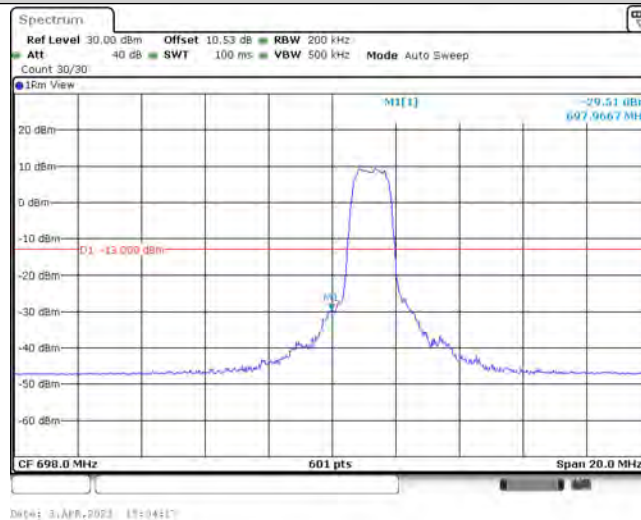
Band85-10MHz-QPSK-134132-1-0-High--41.26-PASS



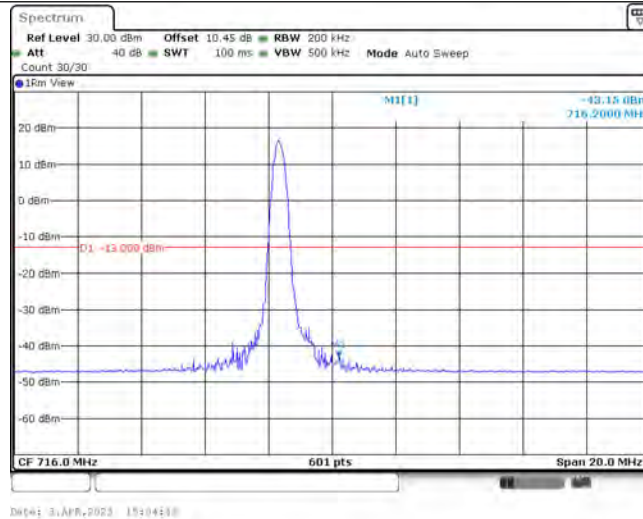
Band85-10MHz-QPSK-134132-6-0-High--28.93-PASS



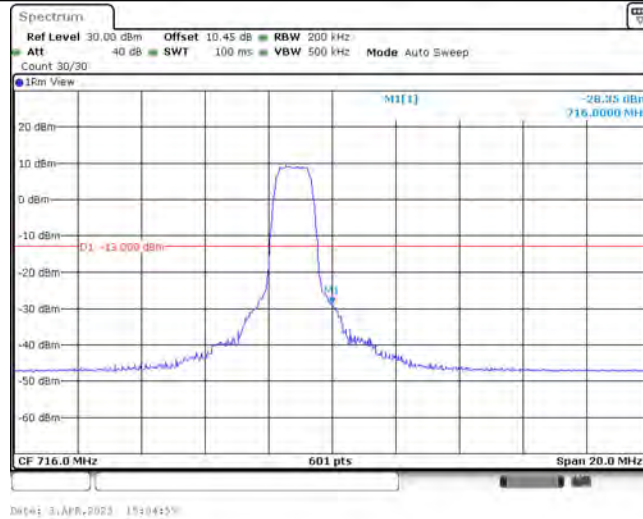
Band85-10MHz-16QAM-134052-1-0-Low--35.07-PASS



Band85-10MHz-16QAM-134052-6-0-Low--29.51-PASS



Band85-10MHz-16QAM-134132-1-0-High--43.15-PASS



Band85-10MHz-16QAM-134132-6-0-High--28.35-PASS

4.6 Conducted Spurious Emission

4.6.1 Description of Conducted Spurious Emission Measurement

The transmitter output was connected to a calibrated coaxial cable, attenuator and Spectrum analyzer, the other end of which was connected to a Base Station Simulator. The Base Station Simulator was set to force the EUT to its maximum power setting. The tests were performed at three frequencies (low channel and high channel). The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.

4.6.2 Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

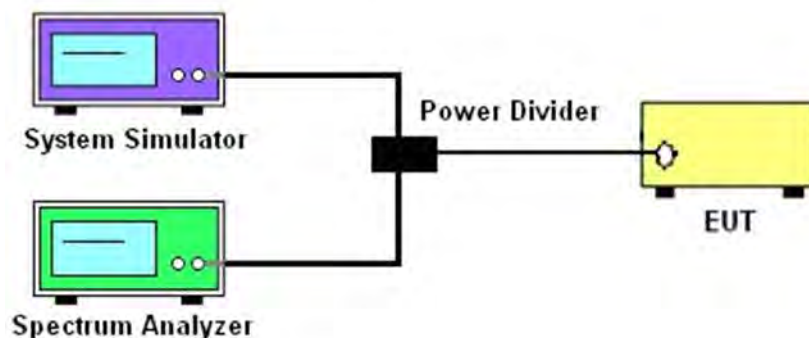
§27.53(a)(4) For mobile and portable stations operating in the 2305-2315 MHz: by a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log(P)$ dB above 2365 MHz.

§27.53(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

4.6.3 Test Procedures

1. The testing follows ANSI C63.26 section 5.7.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13\text{dBm}$.
8. For Band 7, 38, 41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [55 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25\text{dBm}$.

4.6.4 Test Setup



4.6.5 Test Results

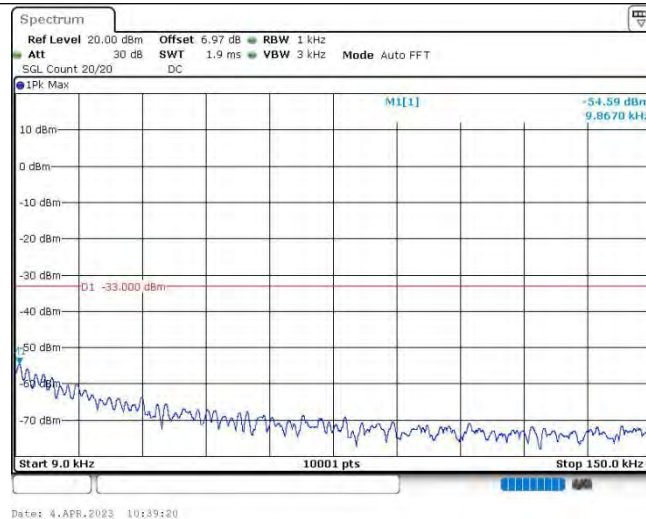
GSM Test Result

Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GPRS850	128	0.009~0.15MHz	0.01	-54.59	-33	PASS

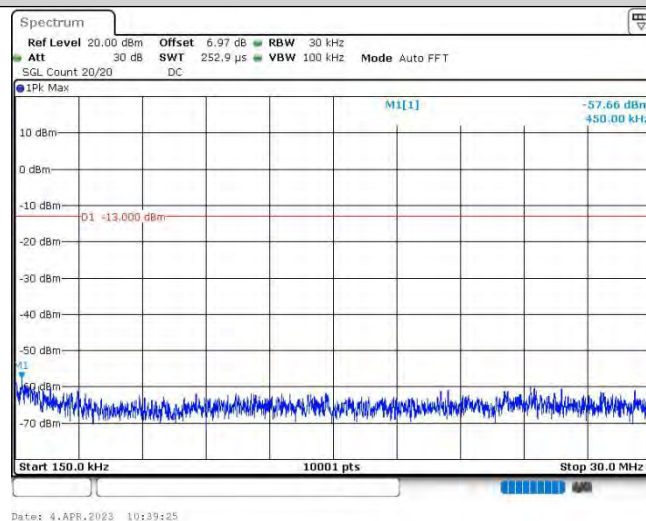
GPRS850	128	0.15~30MHz	0.45	-57.66	-13	PASS
GPRS850	128	30~1000MHz	199.04	-42.42	-13	PASS
GPRS850	128	1000~10000MHz	1673.93	-31.57	-13	PASS
GPRS850	190	0.009~0.15MHz	0.01	-56.2	-33	PASS
GPRS850	190	0.15~30MHz	0.45	-56.5	-13	PASS
GPRS850	190	30~1000MHz	990.66	-42.31	-13	PASS
GPRS850	190	1000~10000MHz	1673.93	-32.07	-13	PASS
GPRS850	251	0.009~0.15MHz	0.01	-54.71	-33	PASS
GPRS850	251	0.15~30MHz	0.45	-57.66	-13	PASS
GPRS850	251	30~1000MHz	617.08	-42.18	-13	PASS
GPRS850	251	1000~10000MHz	1673.93	-31.91	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.03	-56.98	-33	PASS
EGPRS850	128	0.15~30MHz	0.15	-47.63	-13	PASS
EGPRS850	128	30~1000MHz	987.26	-42.65	-13	PASS
EGPRS850	128	1000~10000MHz	7047.05	-33.55	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.06	-54.91	-33	PASS
EGPRS850	190	0.15~30MHz	0.15	-54.63	-13	PASS
EGPRS850	190	30~1000MHz	619.44	-41.77	-13	PASS
EGPRS850	190	1000~10000MHz	6972.35	-33.89	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.02	-56.28	-33	PASS
EGPRS850	251	0.15~30MHz	0.21	-57.8	-13	PASS
EGPRS850	251	30~1000MHz	980.76	-42.74	-13	PASS
EGPRS850	251	1000~10000MHz	6982.25	-33.33	-13	PASS
GPRS1900	512	0.009~0.15MHz	0.01	-61.74	-43	PASS
GPRS1900	512	0.15~30MHz	0.31	-57.84	-23	PASS
GPRS1900	512	30~1000MHz	674.14	-41.89	-13	PASS
GPRS1900	512	1000~18000MHz	15593.37	-28.54	-13	PASS
GPRS1900	661	0.009~0.15MHz	0.01	-61.12	-43	PASS
GPRS1900	661	0.15~30MHz	0.27	-58.63	-23	PASS
GPRS1900	661	30~1000MHz	815.92	-42.08	-13	PASS
GPRS1900	661	1000~18000MHz	15625.1	-29.43	-13	PASS
GPRS1900	810	0.009~0.15MHz	0.01	-59.71	-43	PASS
GPRS1900	810	0.15~30MHz	0.18	-57.19	-23	PASS
GPRS1900	810	30~1000MHz	621.73	-41.96	-13	PASS
GPRS1900	810	1000~18000MHz	15551.43	-29.33	-13	PASS
EGPRS1900	512	0.009~0.15MHz	0.02	-68.2	-43	PASS
EGPRS1900	512	0.15~30MHz	0.88	-58.47	-23	PASS

EGPRS1900	512	30~1000MHz	852.13	-41.84	-13	PASS
EGPRS1900	512	1000~18000MHz	15559.37	-29.1	-13	PASS
EGPRS1900	661	0.009~0.15MHz	0.02	-67.19	-43	PASS
EGPRS1900	661	0.15~30MHz	0.15	-57.87	-23	PASS
EGPRS1900	661	30~1000MHz	999.82	-41.26	-13	PASS
EGPRS1900	661	1000~18000MHz	15575.8	-29.59	-13	PASS
EGPRS1900	810	0.009~0.15MHz	0.02	-67.25	-43	PASS
EGPRS1900	810	0.15~30MHz	0.51	-58.64	-23	PASS
EGPRS1900	810	30~1000MHz	962.77	-40.75	-13	PASS
EGPRS1900	810	1000~18000MHz	15567.87	-29.45	-13	PASS

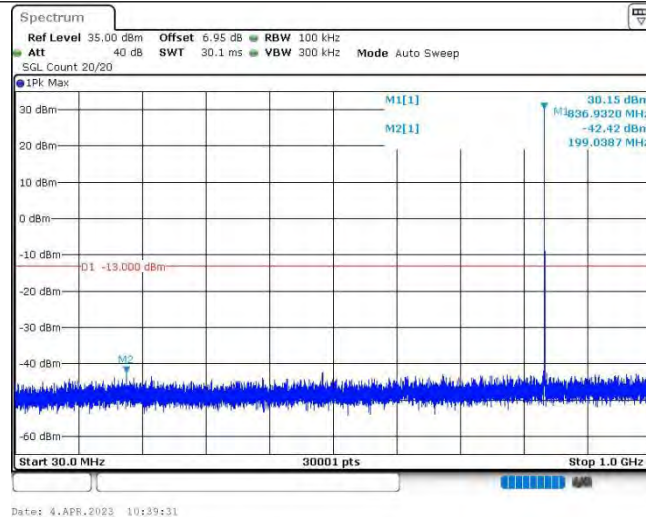
GSM Test Graphs



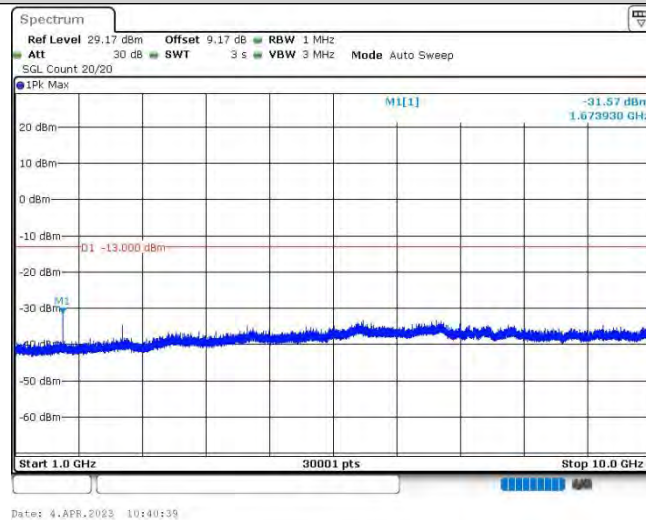
GPRS850-128-0.009~0.15MHz



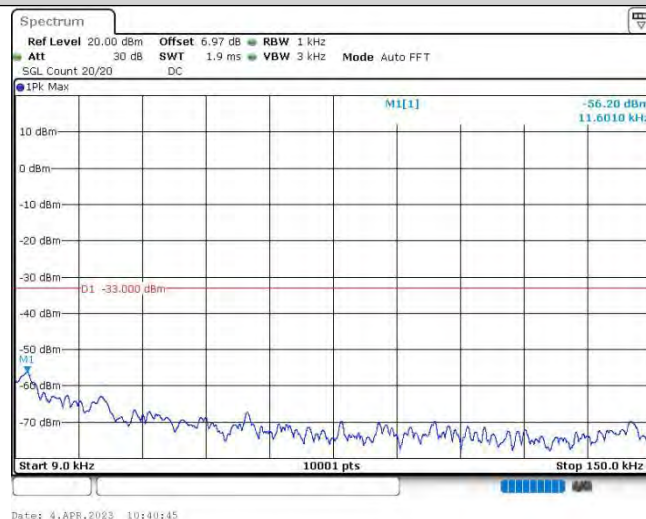
GPRS850-128-0.15~30MHz



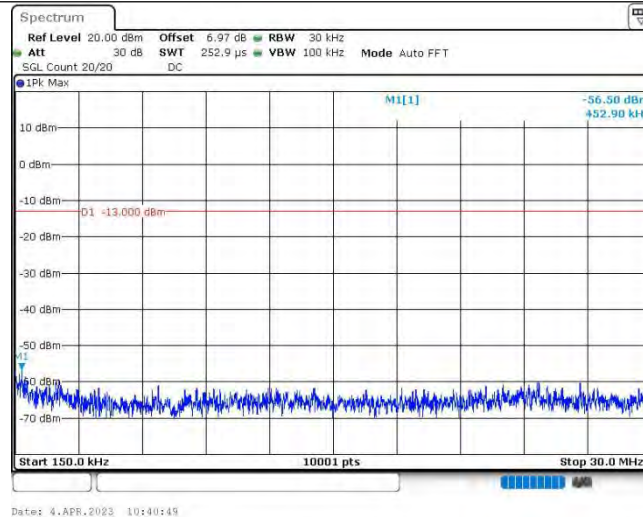
GPRS850-128-30~1000MHz



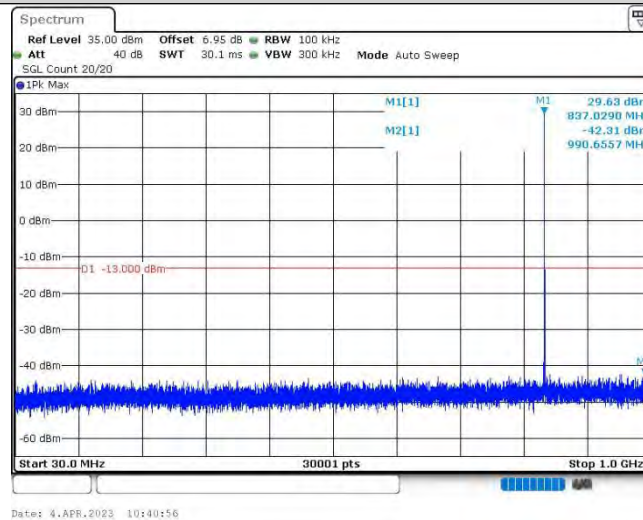
GPRS850-128-1000~10000MHz



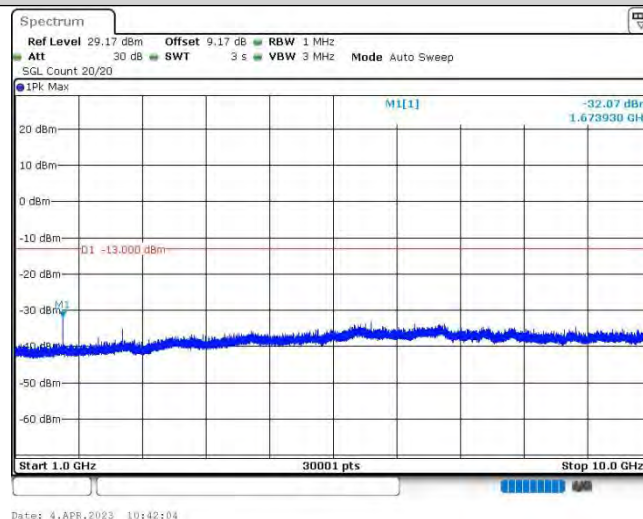
GPRS850-190-0.009~0.15MHz



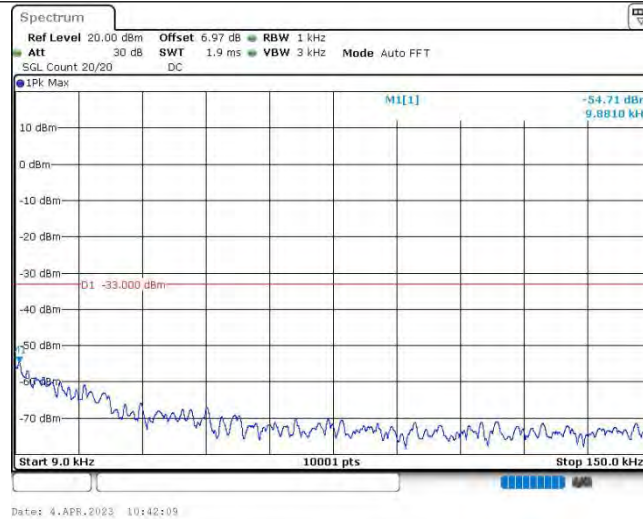
GPRS850-190-0.15~30MHz



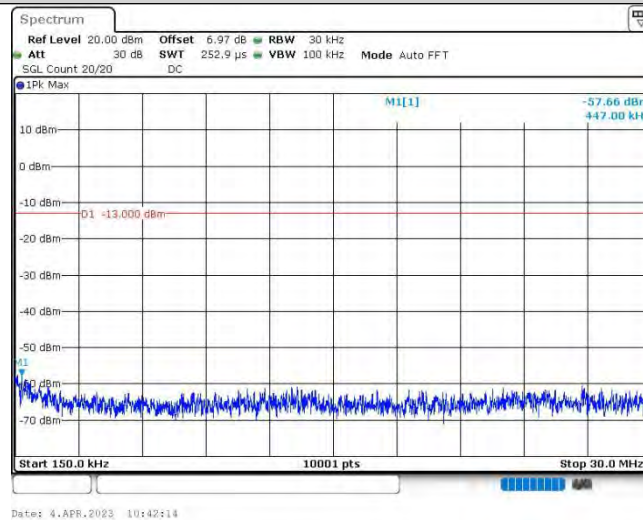
GPRS850-190-30~1000MHz



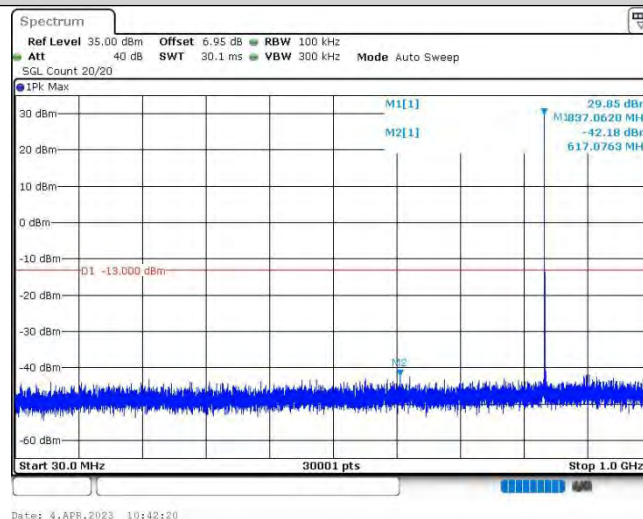
GPRS850-190-1000~10000MHz



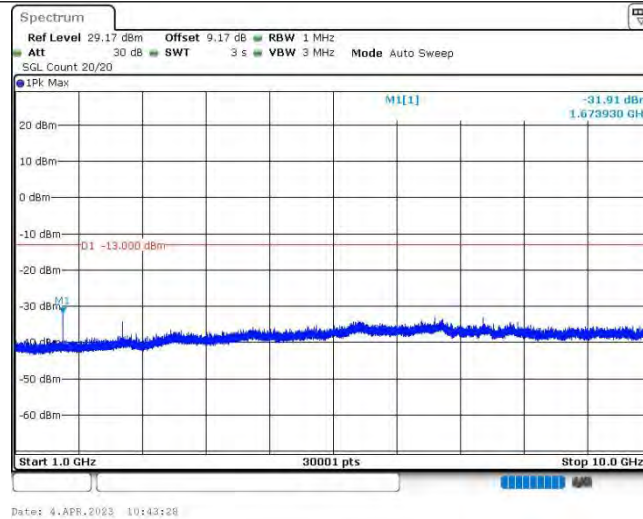
GPRS850-251-0.009~0.15MHz



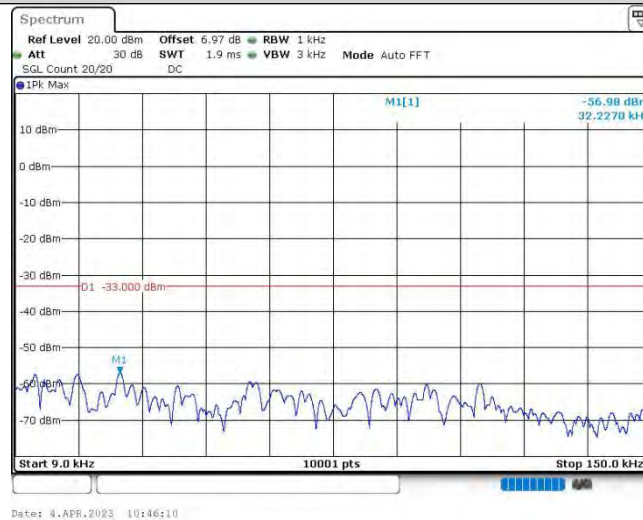
GPRS850-251-0.15~30MHz



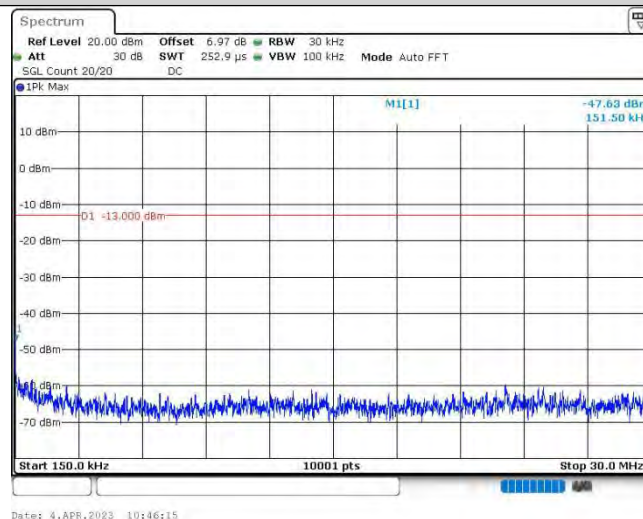
GPRS850-251-30~1000MHz



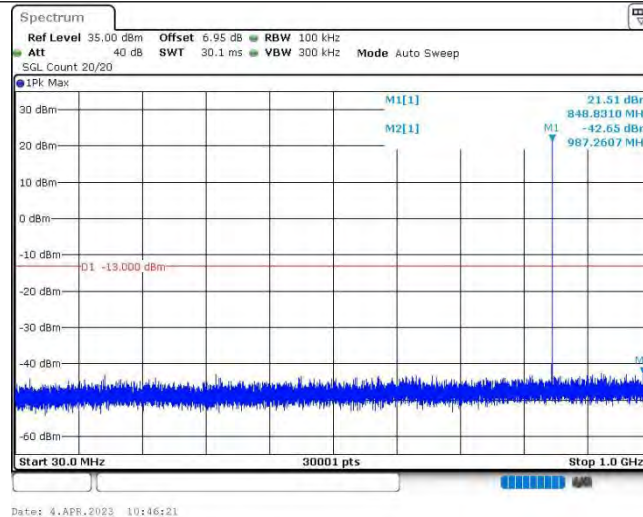
GPRS850-251-1000~10000MHz



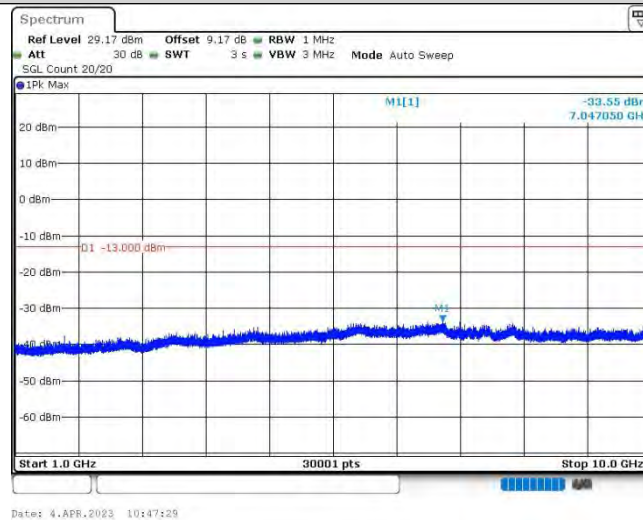
EGPRS850-128-0.009~0.15MHz



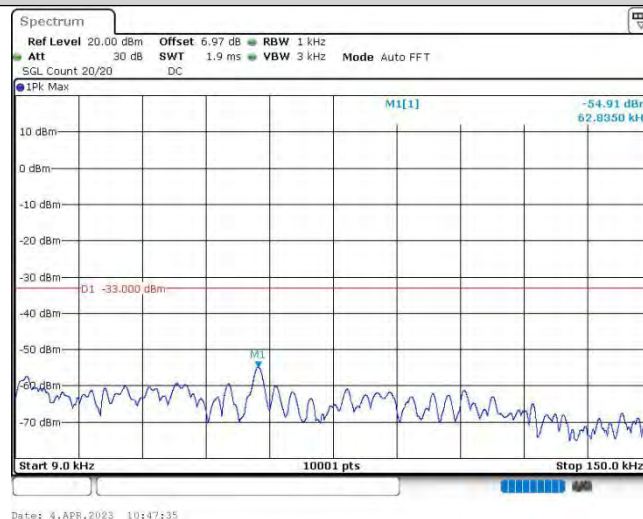
EGPRS850-128-0.15~30MHz



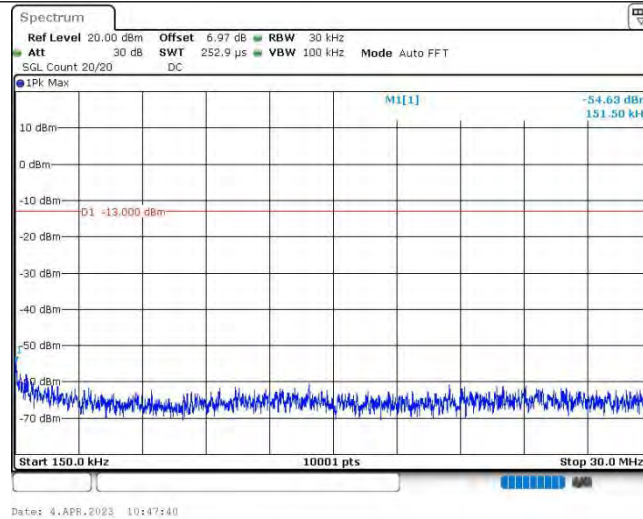
EGPRS850-128-30~1000MHz



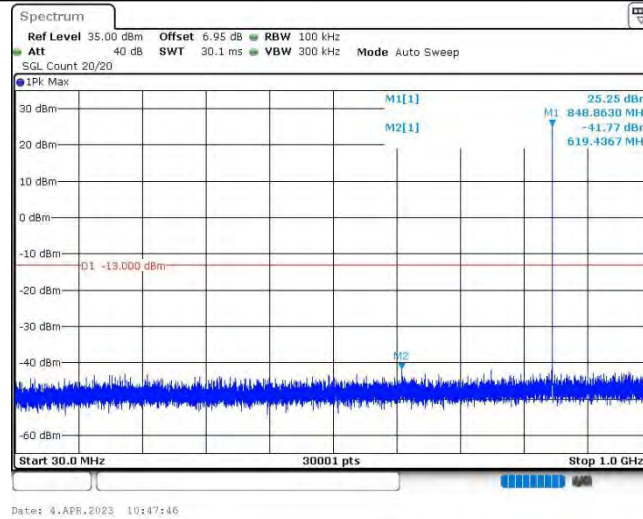
EGPRS850-128-1000~10000MHz



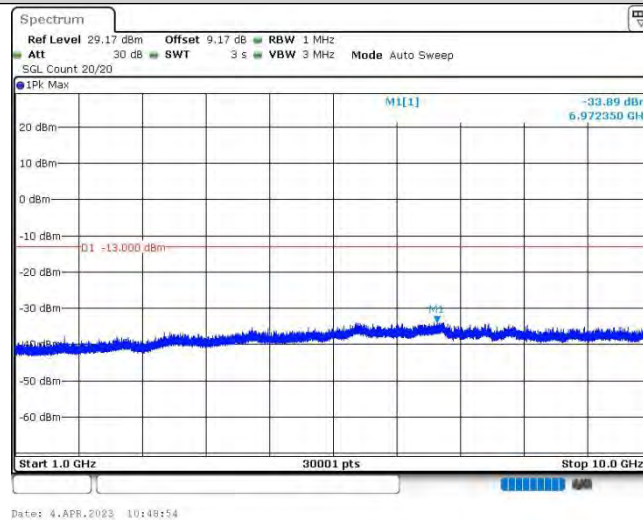
EGPRS850-190-0.009~0.15MHz



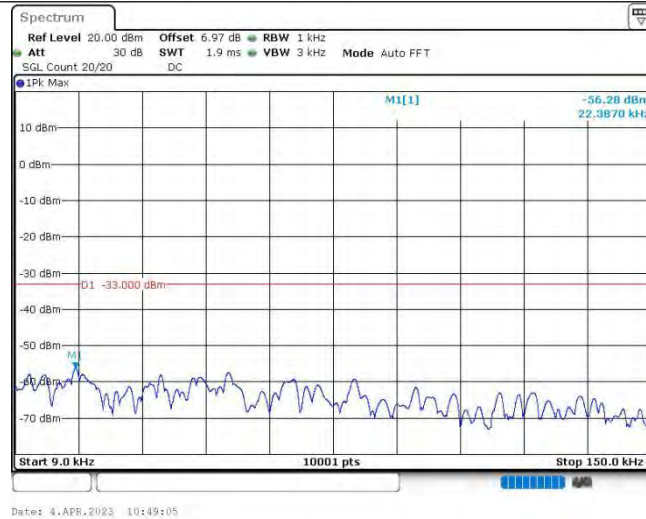
EGPRS850-190-0.15~30MHz



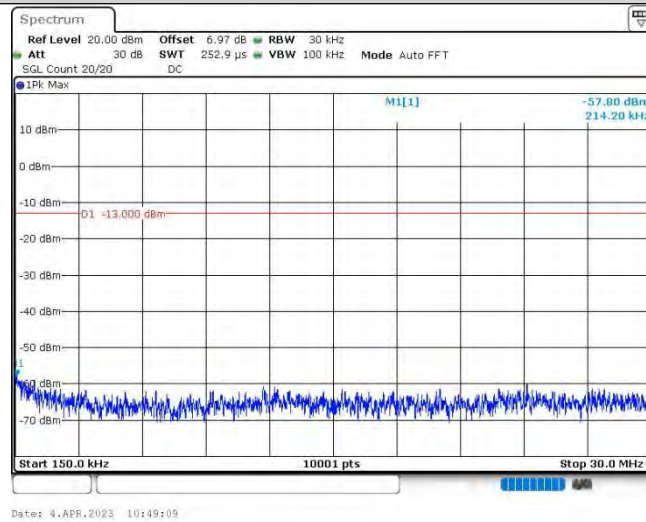
EGPRS850-190-30~1000MHz



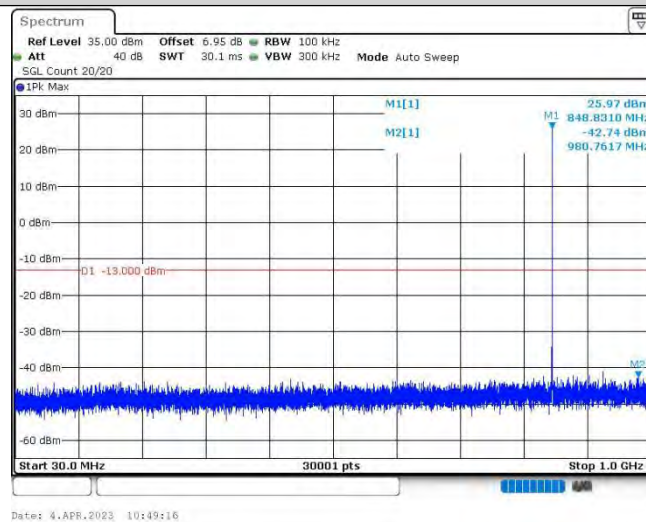
EGPRS850-190-1000~10000MHz



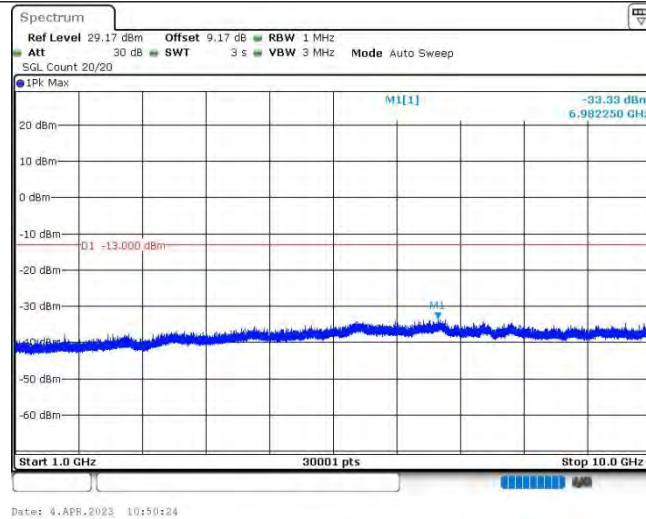
EGPRS850-251-0.009~0.15MHz



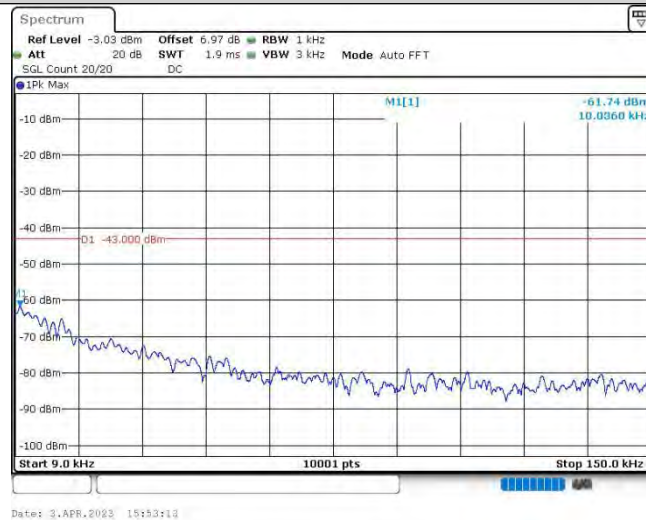
EGPRS850-251-0.15~30MHz



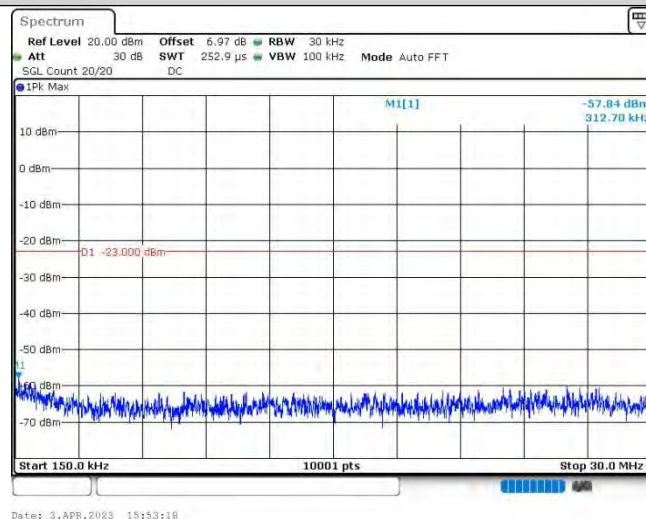
EGPRS850-251-30~1000MHz



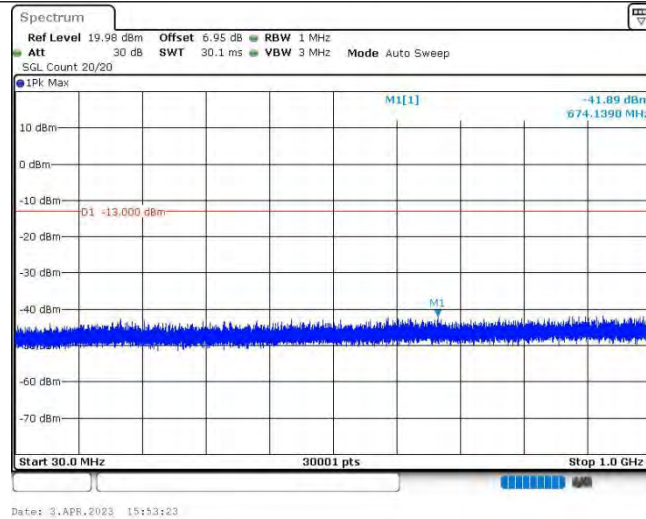
EGPRS850-251-1000~10000MHz



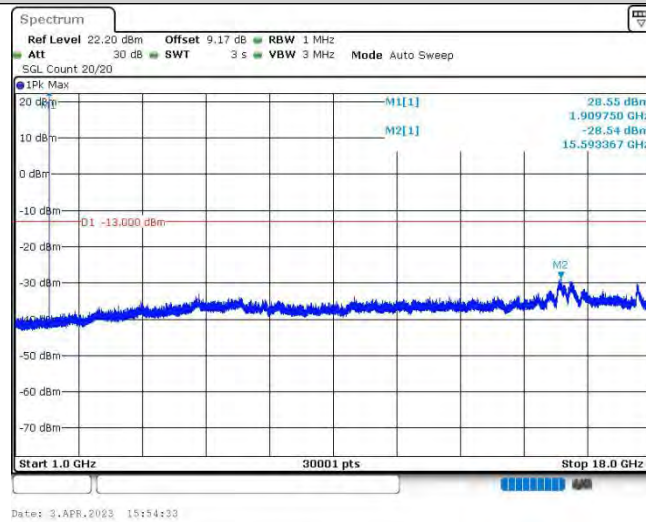
GPRS1900-512-0.009~0.15MHz



GPRS1900-512-0.15~30MHz



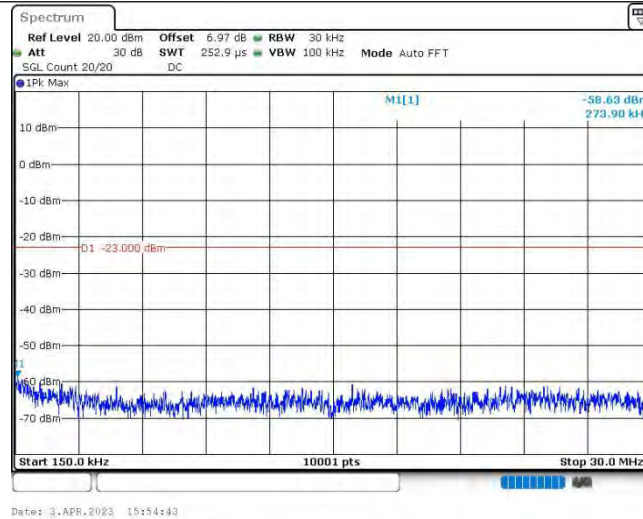
GPRS1900-512-30~1000MHz



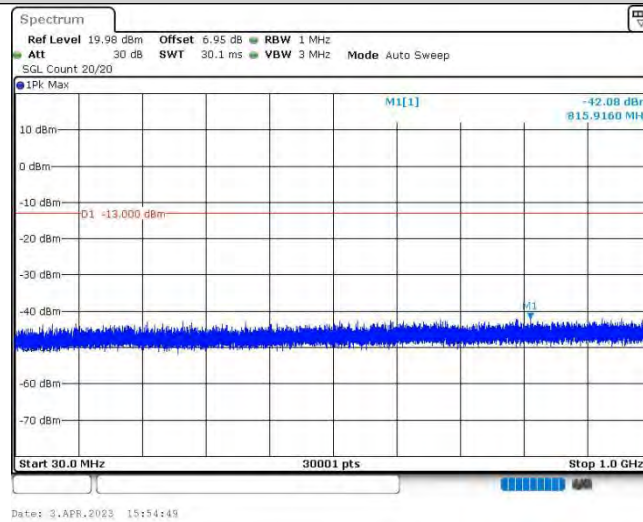
GPRS1900-512-1000~18000MHz



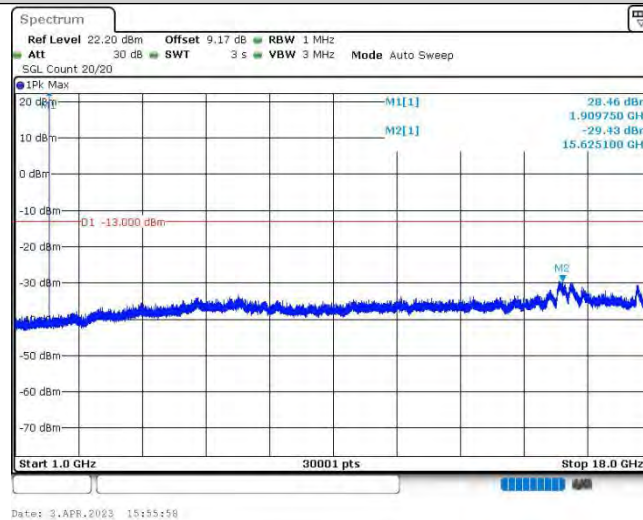
GPRS1900-661-0.009~0.15MHz



GPRS1900-661-0.15~30MHz



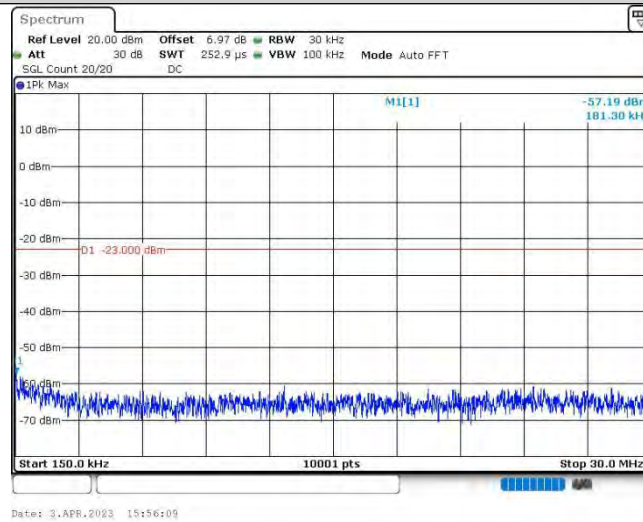
GPRS1900-661-30~1000MHz



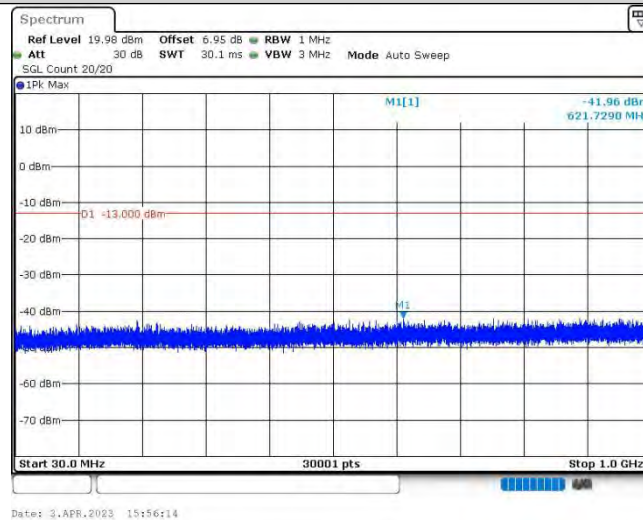
GPRS1900-661-1000~18000MHz



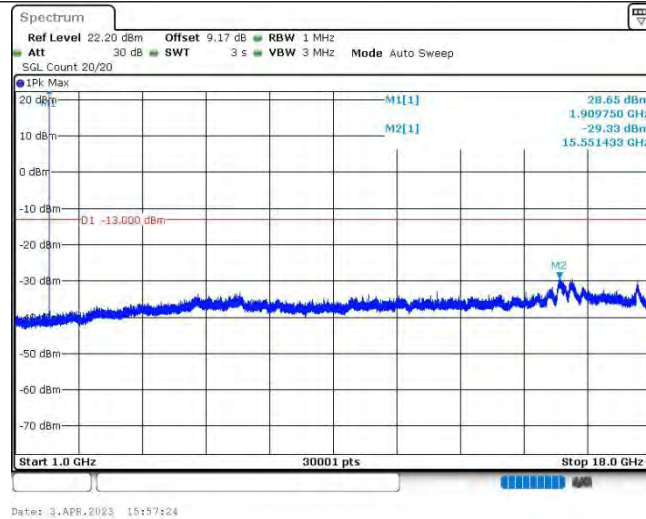
GPRS1900-810-0.009~0.15MHz



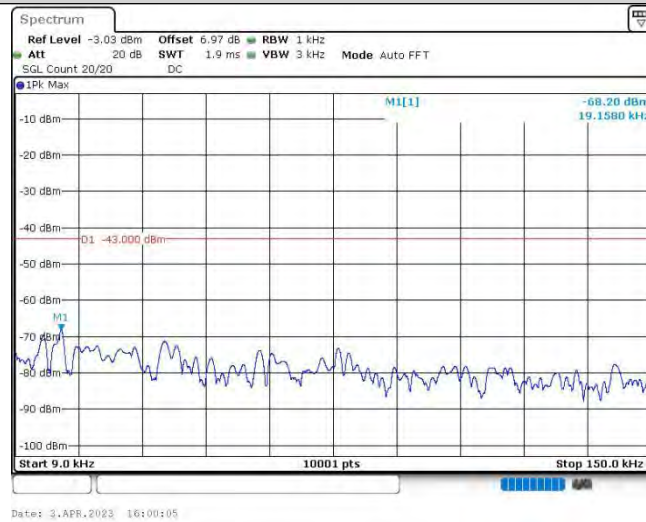
GPRS1900-810-0.15~30MHz



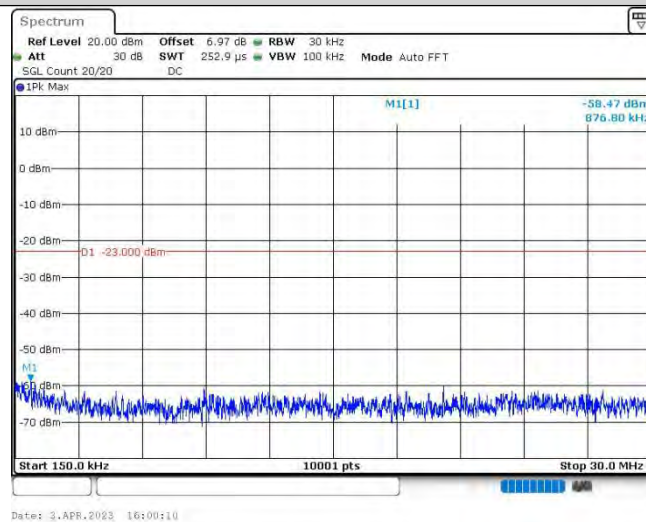
GPRS1900-810-30~1000MHz



GPRS1900-810-1000~18000MHz



EGPRS1900-512-0.009~0.15MHz



EGPRS1900-512-0.15~30MHz