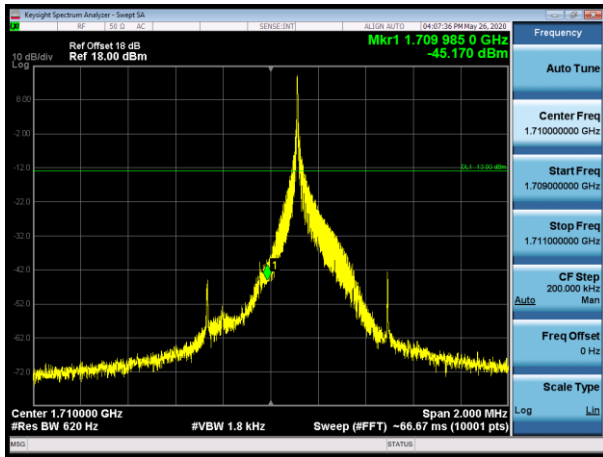
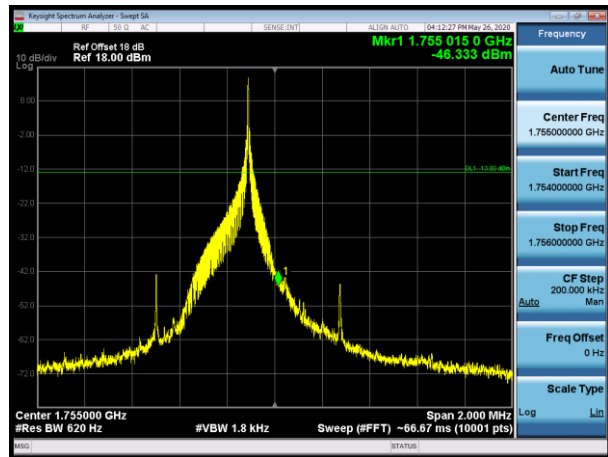


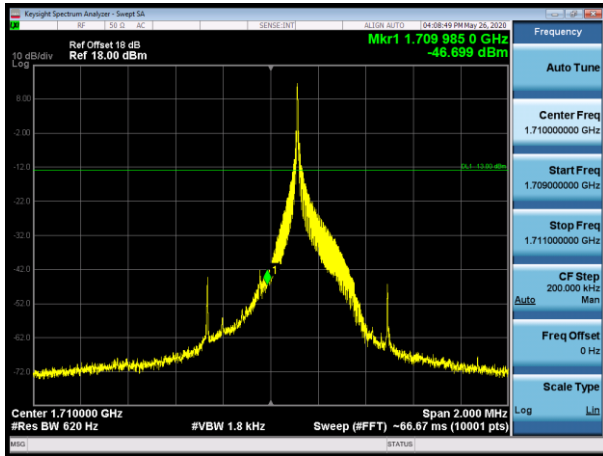
Channel 19952-1 tone offset 0, BW 3.75kHz, BPSK



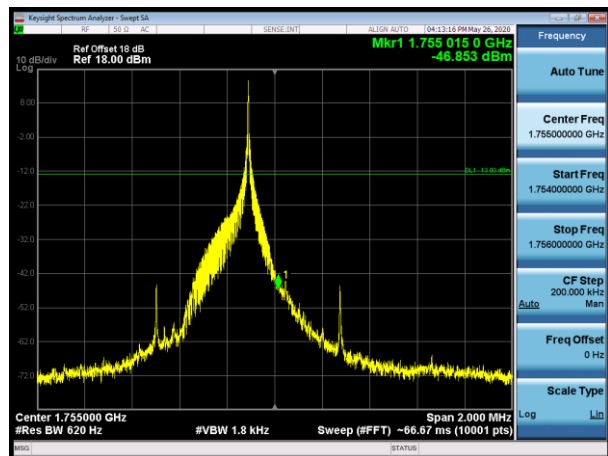
Channel 20398-1 tone offset 47, BW 3.75kHz, BPSK



Channel 19952-1 tone offset 0, BW 3.75kHz, QPSK



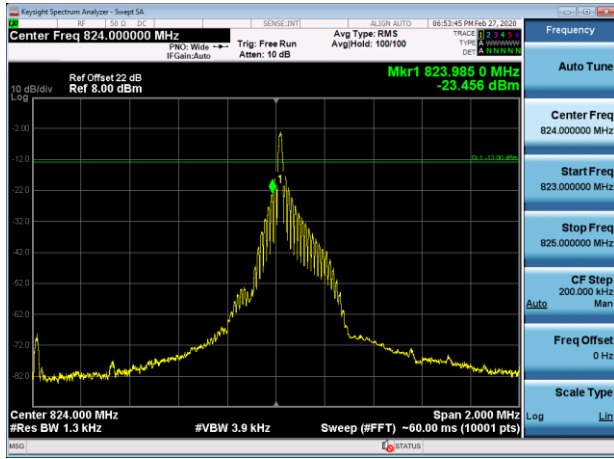
Channel 20398-1 tone offset 47, BW 3.75kHz, QPSK



Note: All modes of operation were investigated, only the worst case results were shown in the report.

NB IoT Band 5

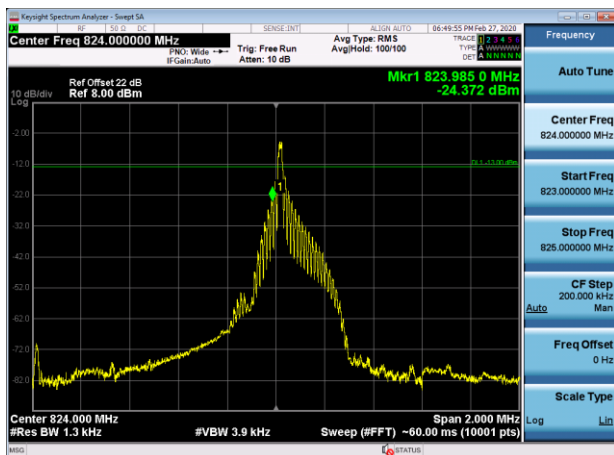
Channel 20401-1 tone offset 0, BW 15kHz, BPSK



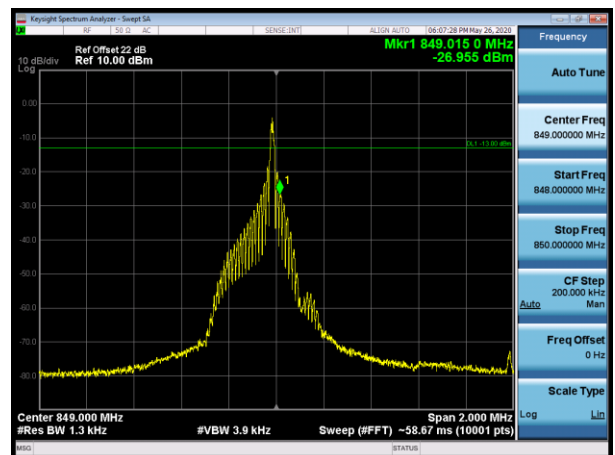
Channel 20649-1 tone offset 11, BW 15kHz, BPSK



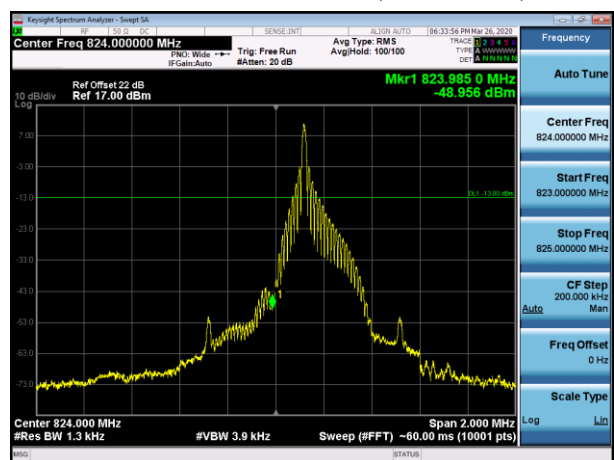
Channel 20401-1 tone offset 0, BW 15kHz, QPSK



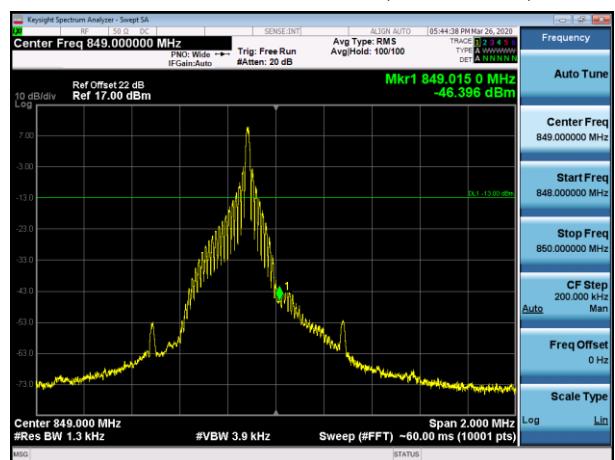
Channel 20649-1 tone offset 11, BW 15kHz, QPSK



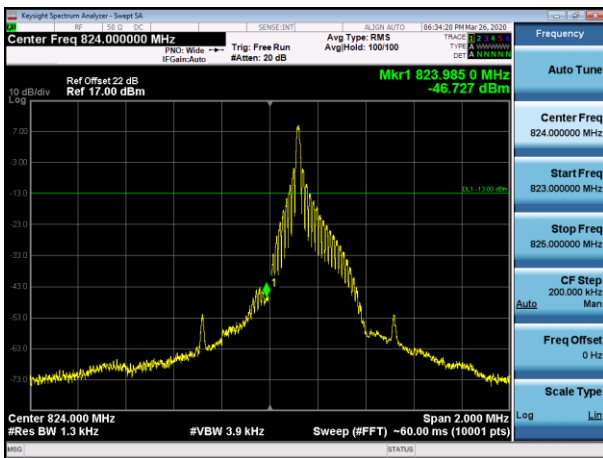
Channel 20402-1 tone offset 0, BW 15kHz, BPSK



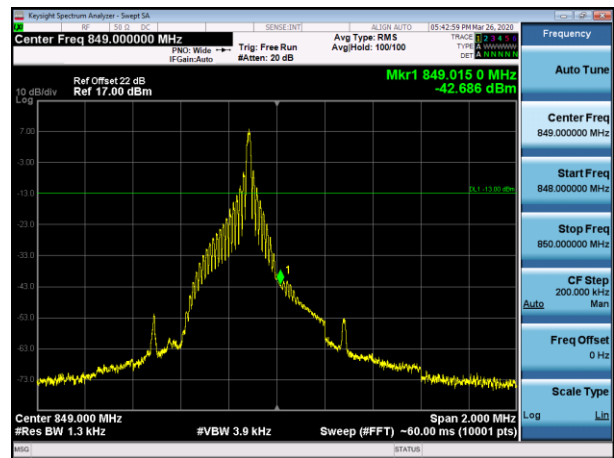
Channel 20648-1 tone offset 11, BW 15kHz, BPSK



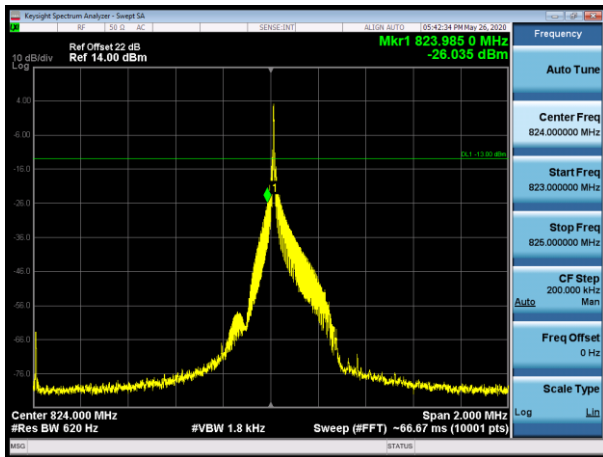
Channel 20402-1 tone offset 0, BW 15kHz, QPSK



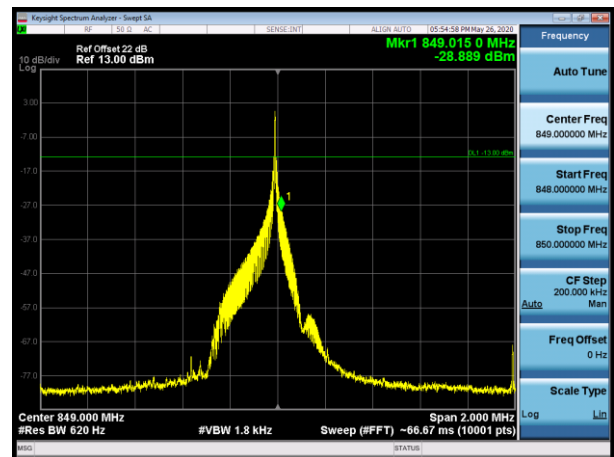
Channel 20648-1 tone offset 11, BW 15kHz, QPSK



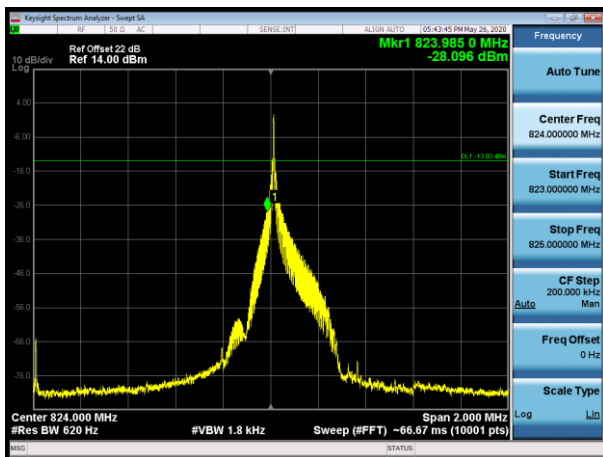
Channel 20401-1 tone offset 0, BW 3.75kHz, BPSK



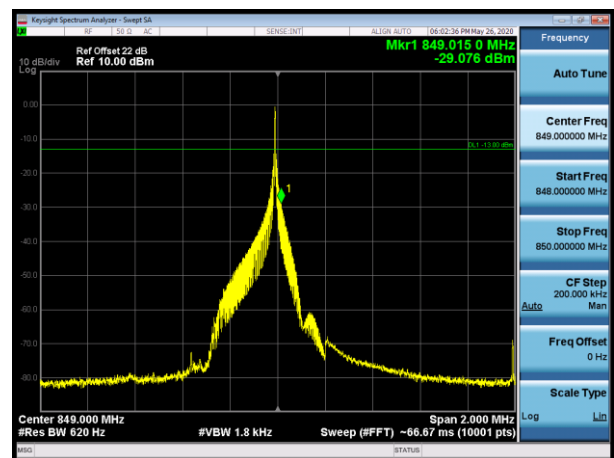
Channel 20649-1 tone offset 47, BW 3.75kHz, BPSK



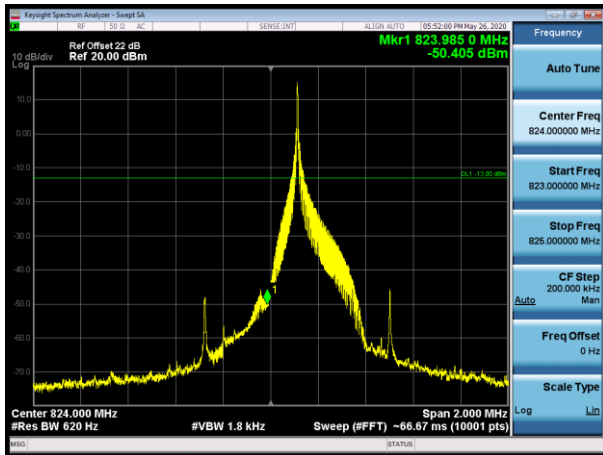
Channel 20401-1 tone offset 0, BW 3.75kHz, QPSK



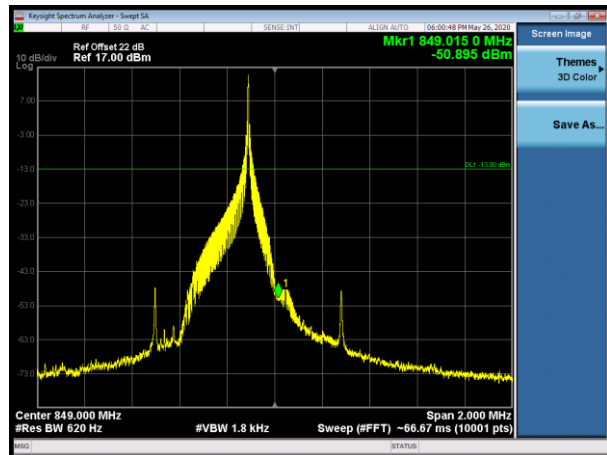
Channel 20649-1 tone offset 47, BW 3.75kHz, QPSK



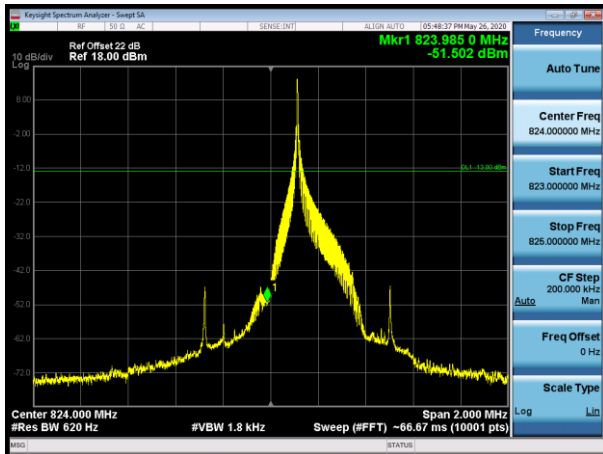
Channel 20402-1 tone offset 0, BW 3.75kHz, BPSK



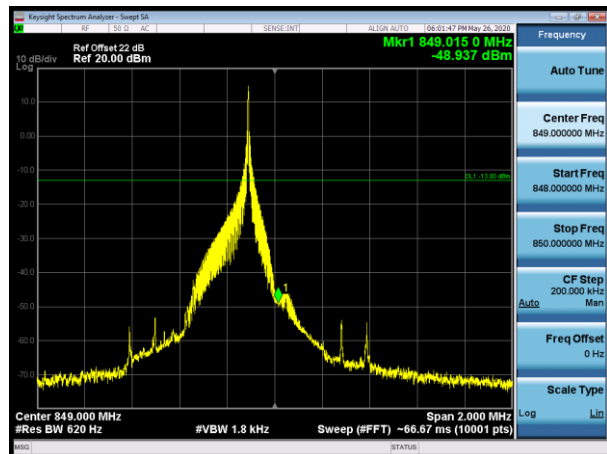
Channel 20648-1 tone offset 47, BW 3.75kHz, BPSK



Channel 20402-1 tone offset 0, BW 3.75kHz, QPSK



Channel 20648-1 tone offset 47, BW 3.75kHz, QPSK



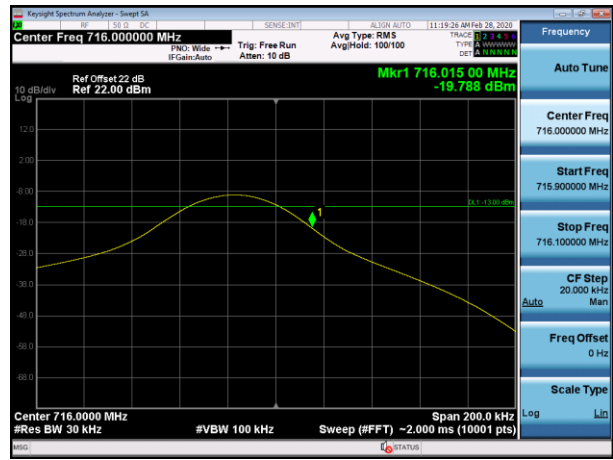
Note: All modes of operation were investigated, only the worst case results were shown in the report.

NB-IoT Band 12

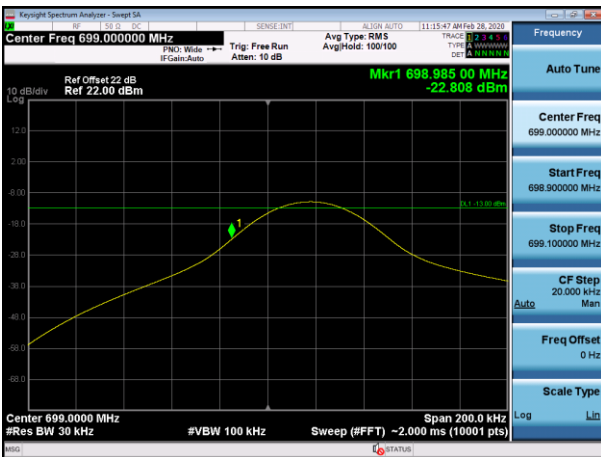
Channel 23011-1 tone offset 0, BW 15kHz, BPSK



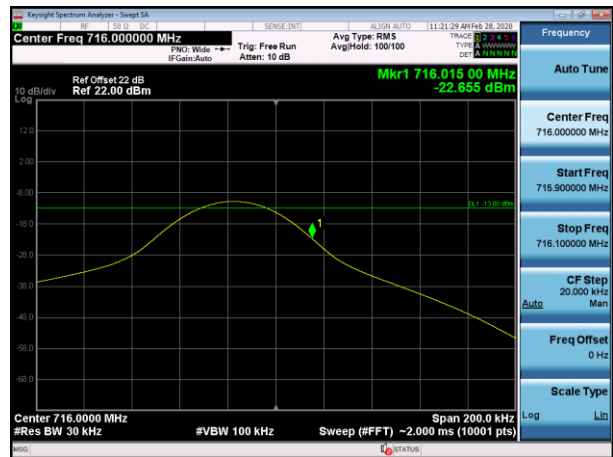
Channel 23179-1 tone offset 11, BW 15kHz, BPSK



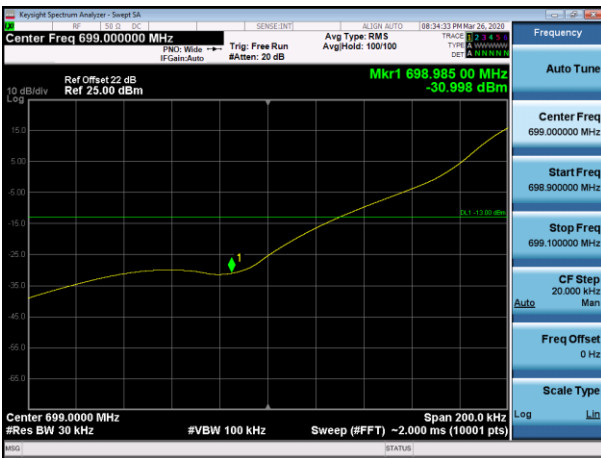
Channel 23011-1 tone offset 0, BW 15kHz, QPSK



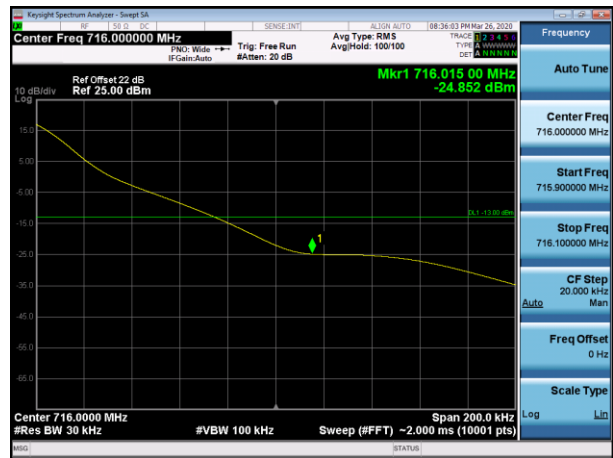
Channel 23179-1 tone offset 11, BW 15kHz, QPSK



Channel 23012-1 tone offset 0, BW 15kHz, BPSK



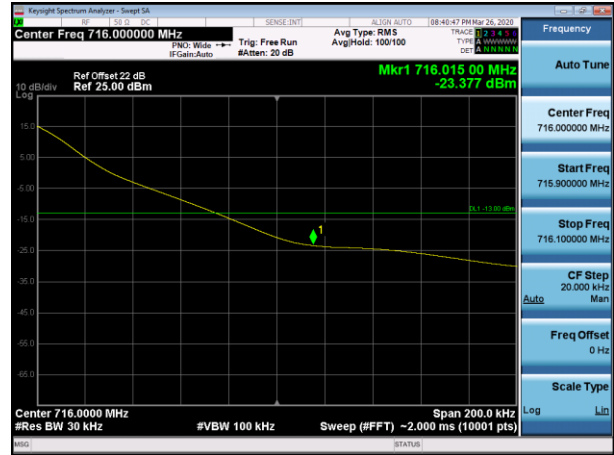
Channel 23178-1 tone offset 11, BW 15kHz, BPSK



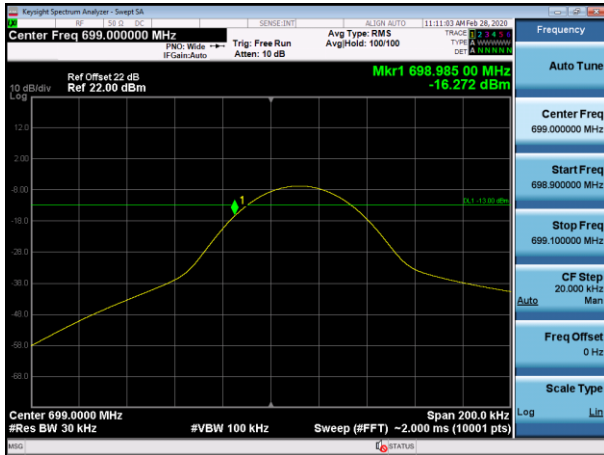
Channel 23012-1 tone offset 0, BW 15kHz, QPSK



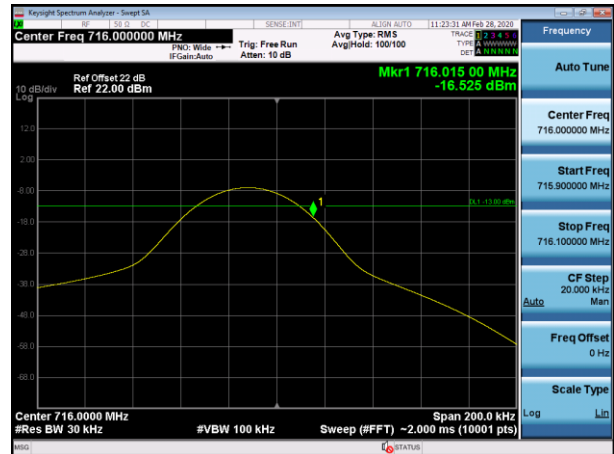
Channel 23178-1 tone offset 11, BW 15kHz, QPSK



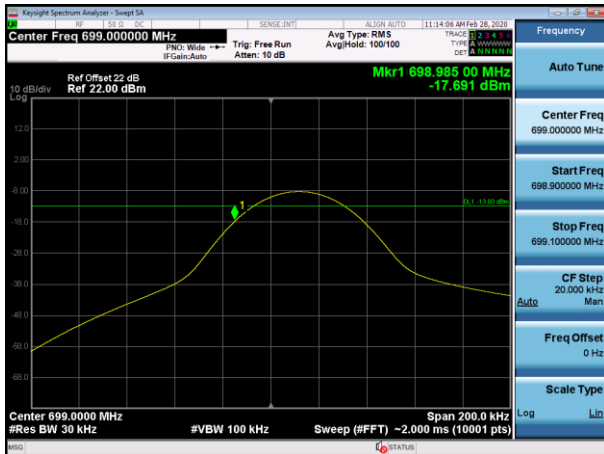
Channel 23011-1 tone offset 0, BW 3.75kHz, BPSK



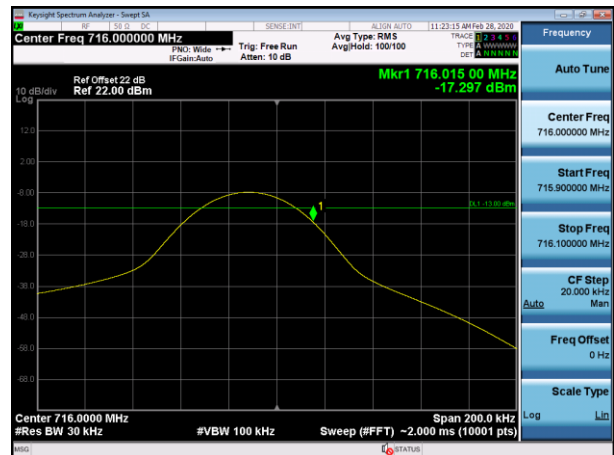
Channel 23179-1 tone offset 47, BW 3.75kHz, BPSK



Channel 23011-1 tone offset 0, BW 3.75kHz, QPSK



Channel 23179-1 tone offset 47, BW 3.75kHz, QPSK





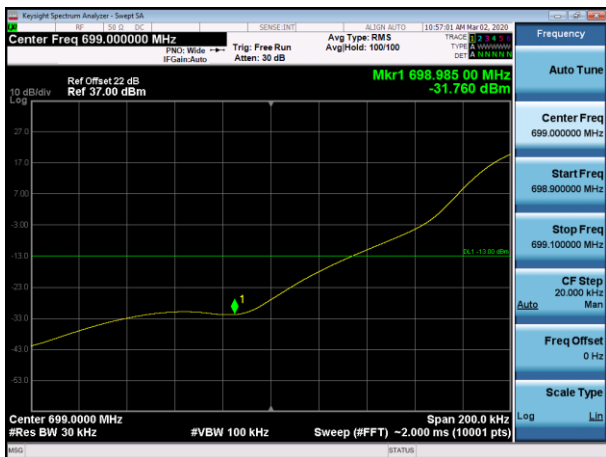
Channel 23012-1 tone offset 0, BW 3.75kHz, BPSK



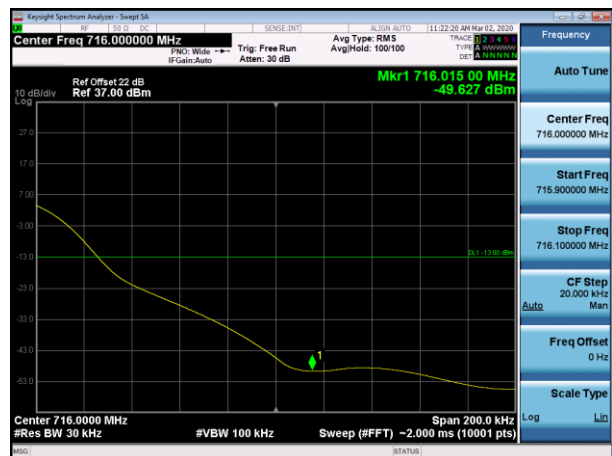
Channel 23178-1 tone offset 47, BW 3.75kHz, BPSK



Channel 23012-1 tone offset 0, BW 3.75kHz, QPSK



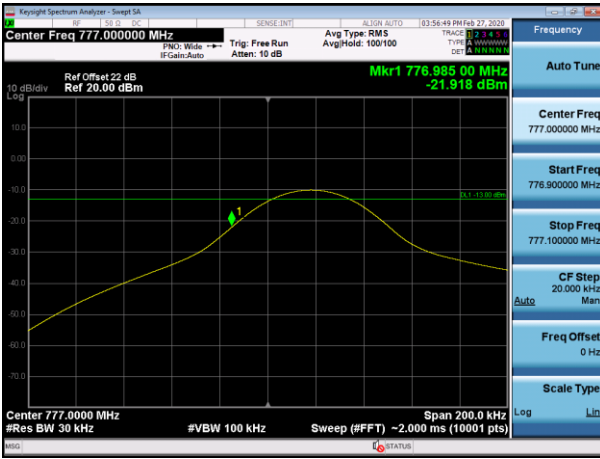
Channel 23178-1 tone offset 47, BW 3.75kHz, QPSK



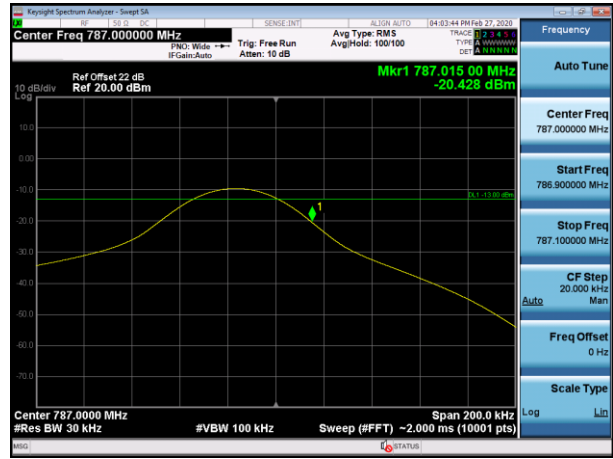
Note: All modes of operation were investigated, only the worst case results were shown in the report.

NB IoT Band 13

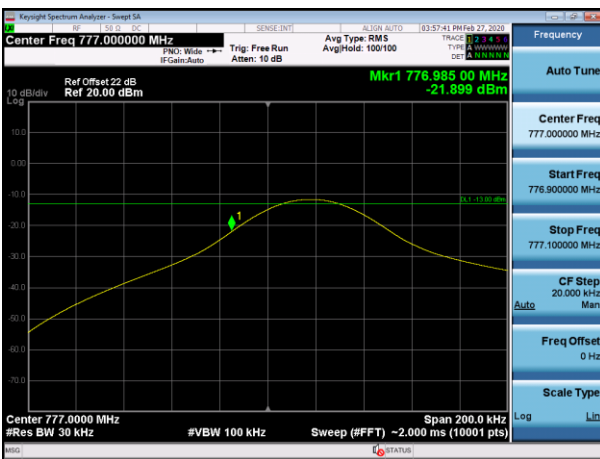
Channel 23181-1 tone offset 0, BW 15kHz, BPSK



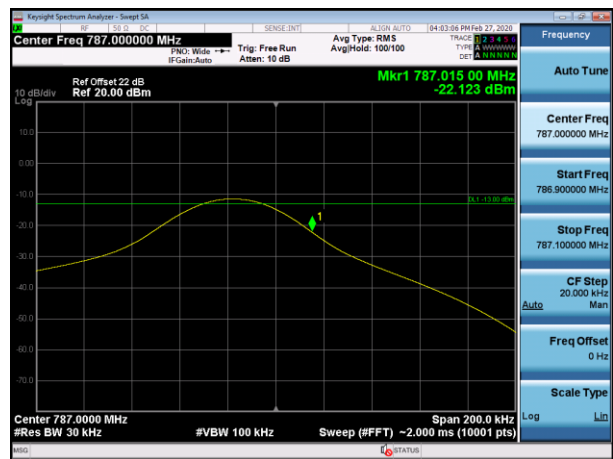
Channel 23279-1 tone offset 11, BW 15kHz, BPSK



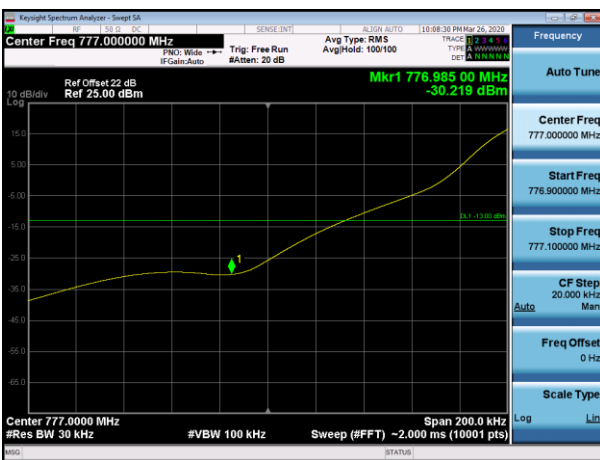
Channel 23181-1 tone offset 0, BW 15kHz, QPSK



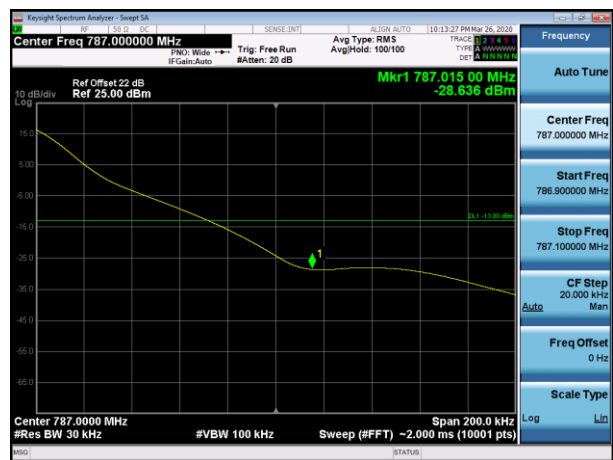
Channel 23279-1 tone offset 11, BW 15kHz, QPSK



Channel 23182-1 tone offset 0, BW 15kHz, BPSK

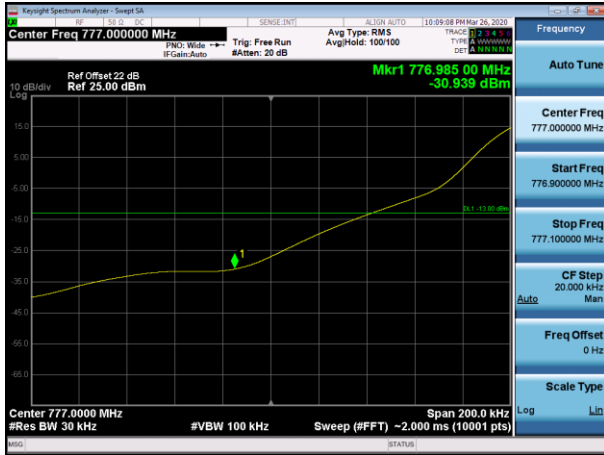


Channel 23278-1 tone offset 11, BW 15kHz, BPSK

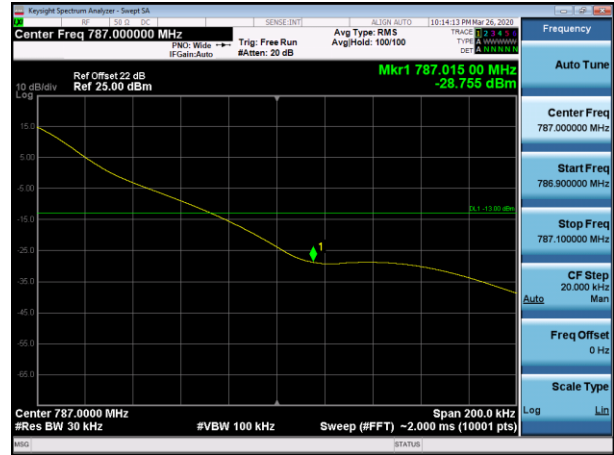




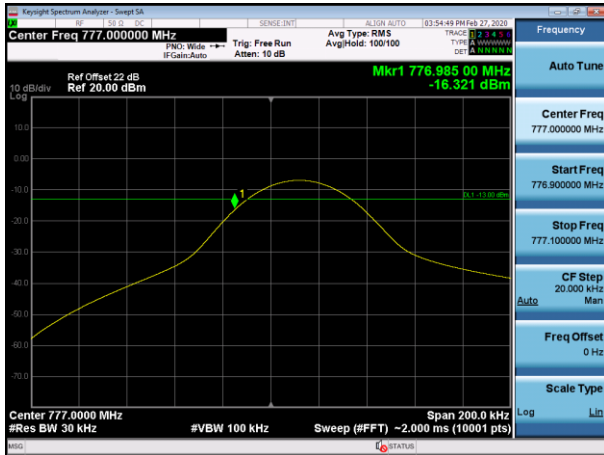
Channel 23182-1 tone offset 0, BW 15kHz, QPSK



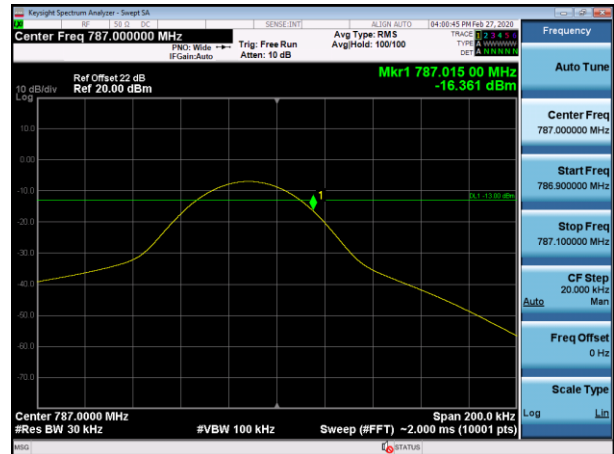
Channel 23278-1 tone offset 11, BW 15kHz, QPSK



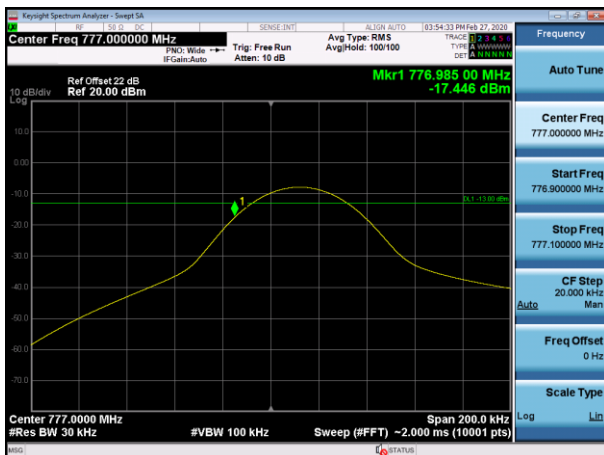
Channel 23181-1 tone offset 0, BW 3.75kHz, BPSK



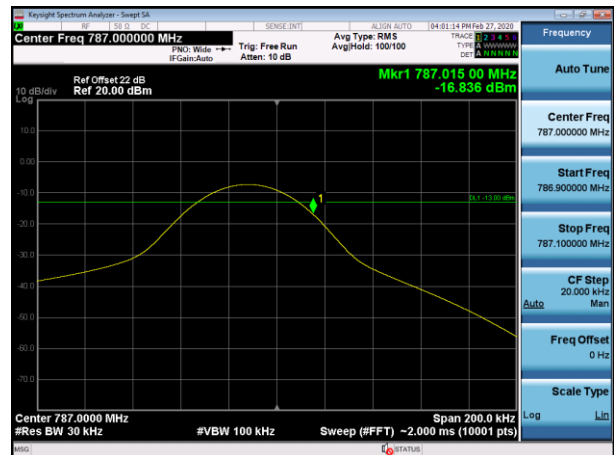
Channel 23279-1 tone offset 47, BW 3.75kHz, BPSK



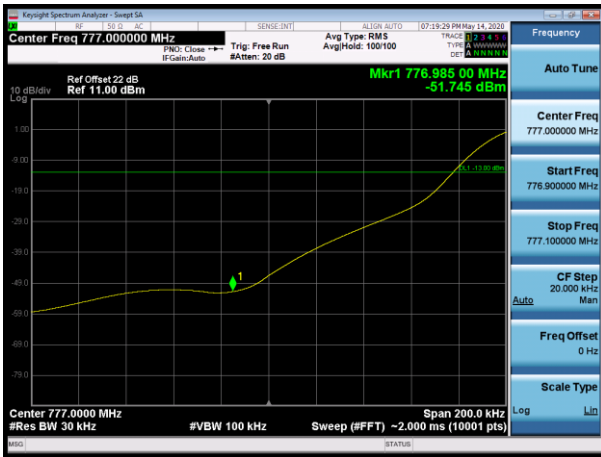
Channel 23181-1 tone offset 0, BW 3.75kHz, QPSK



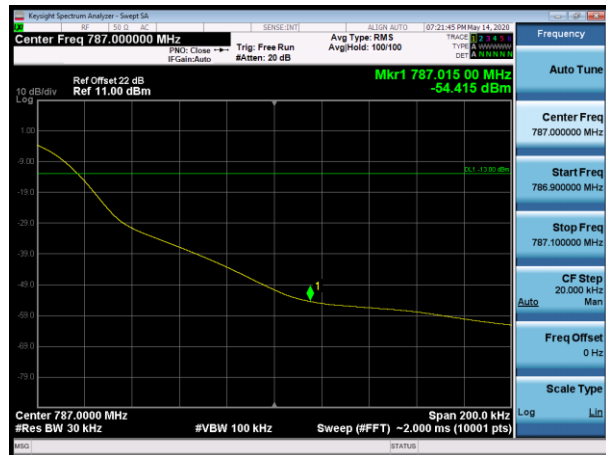
Channel 23279-1 tone offset 47, BW 3.75kHz, QPSK



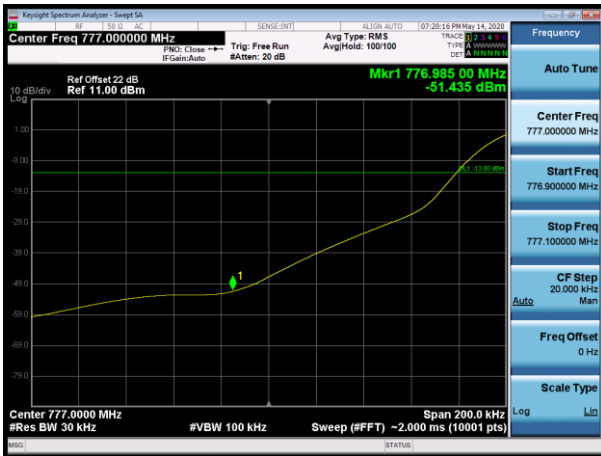
Channel 23182-1 tone offset 0, BW 3.75kHz, BPSK



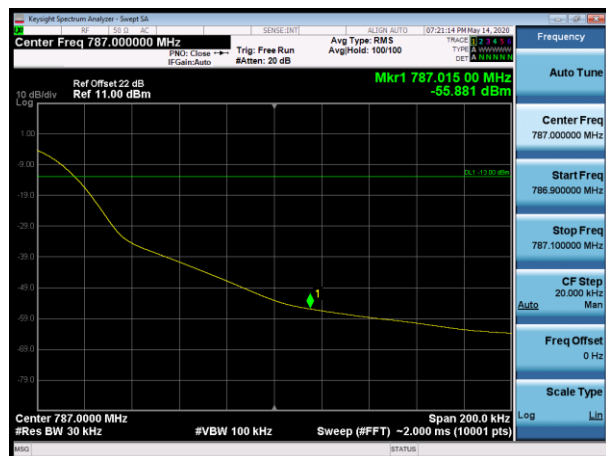
Channel 23278-1 tone offset 47, BW 3.75kHz, BPSK



Channel 23182-1 tone offset 0, BW 3.75kHz, QPSK



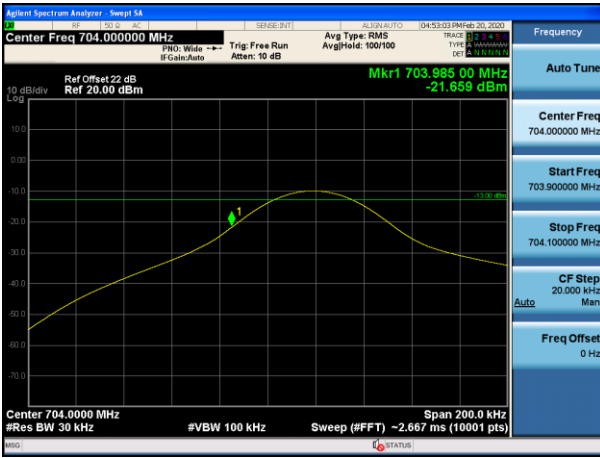
Channel 23278-1 tone offset 47, BW 3.75kHz, QPSK



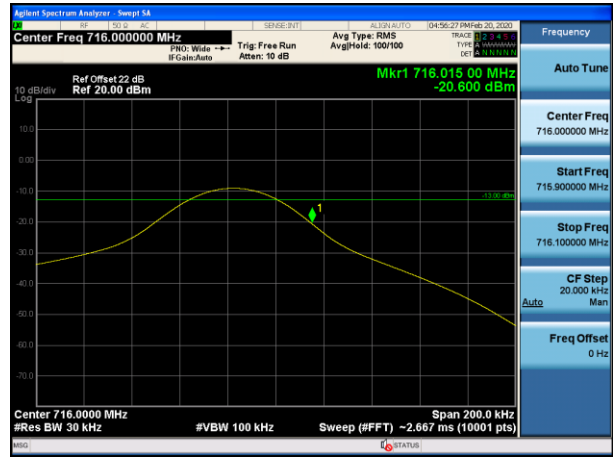
Note: All modes of operation were investigated, only the worst case results were shown in the report.

NB IoT Band 17

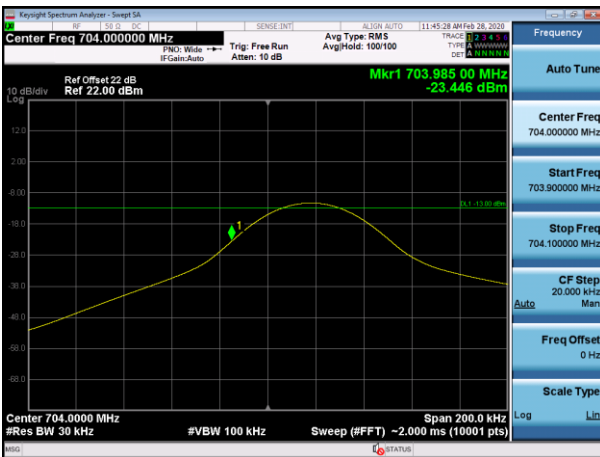
Channel 23731-1 tone offset 0, BW 15kHz, BPSK



Channel 23849-1 tone offset 11, BW 15kHz, BPSK



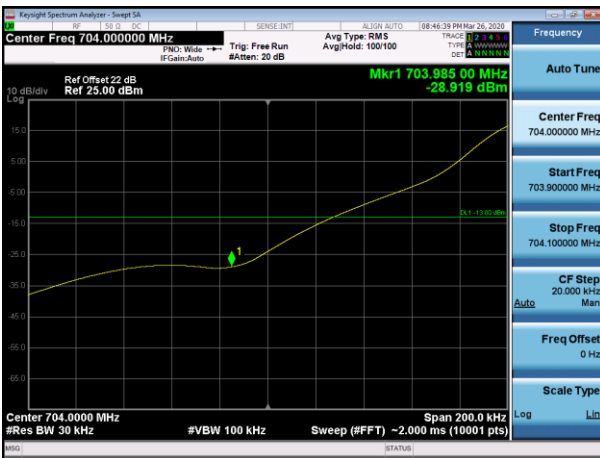
Channel 23731-1 tone offset 0, BW 15kHz, QPSK



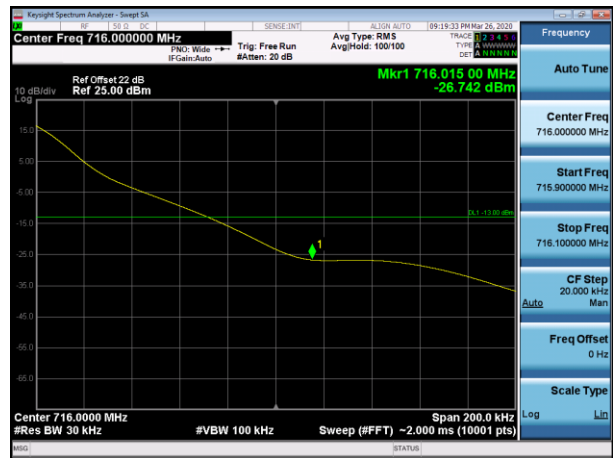
Channel 23849-1 tone offset 11, BW 15kHz, QPSK



Channel 23732-1 tone offset 0, BW 15kHz, BPSK



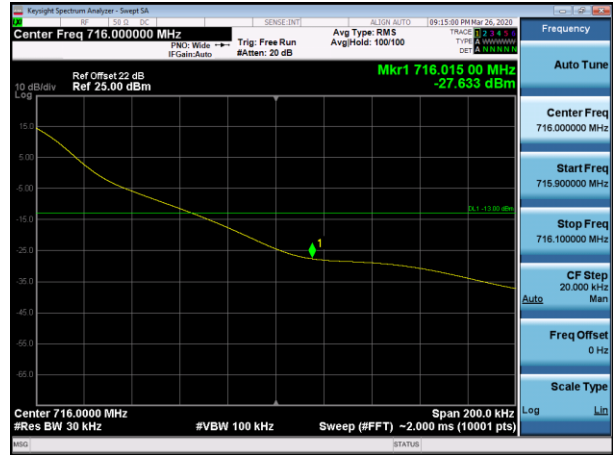
Channel 23848-1 tone offset 11, BW 15kHz, BPSK



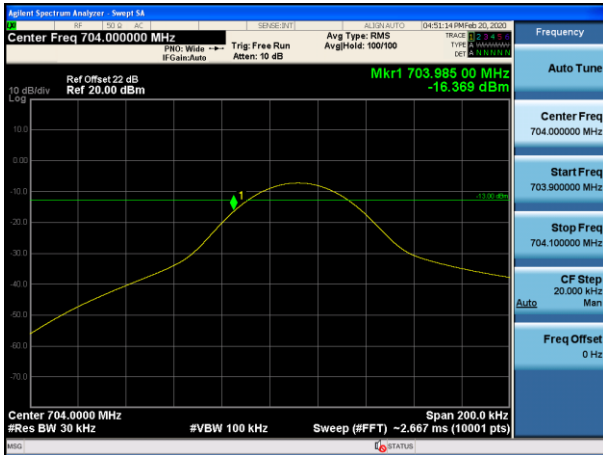
Channel 23732-1 tone offset 0, BW 15kHz, QPSK



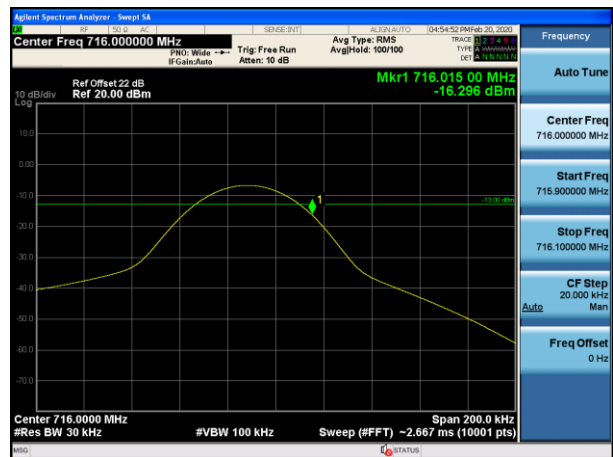
Channel 23848-1 tone offset 11, BW 15kHz, QPSK



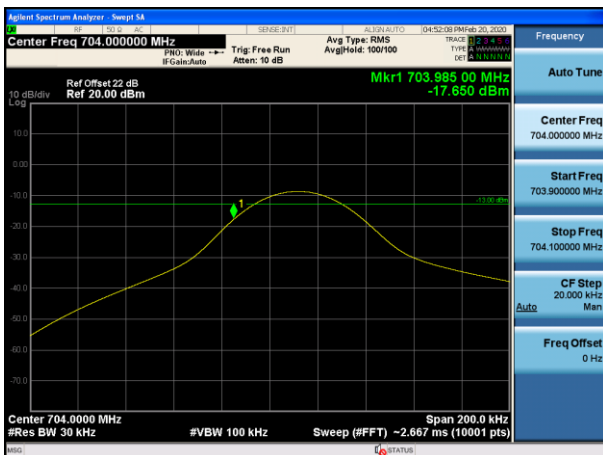
Channel 23731-1 tone offset 0, BW 3.75kHz, BPSK



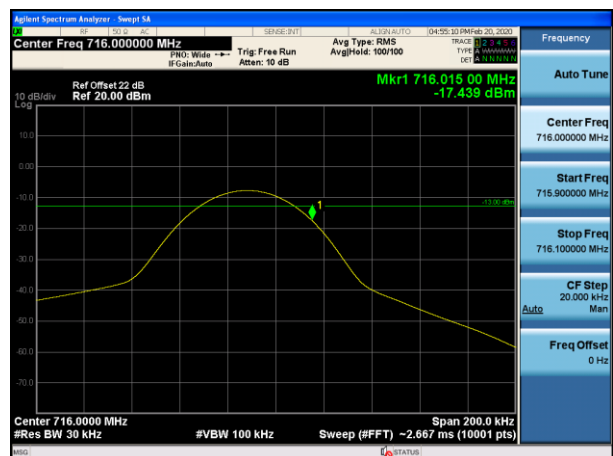
Channel 23849-1 tone offset 47, BW 3.75kHz, BPSK



Channel 23731-1 tone offset 0, BW 3.75kHz, QPSK



Channel 23849-1 tone offset 47, BW 3.75kHz, QPSK



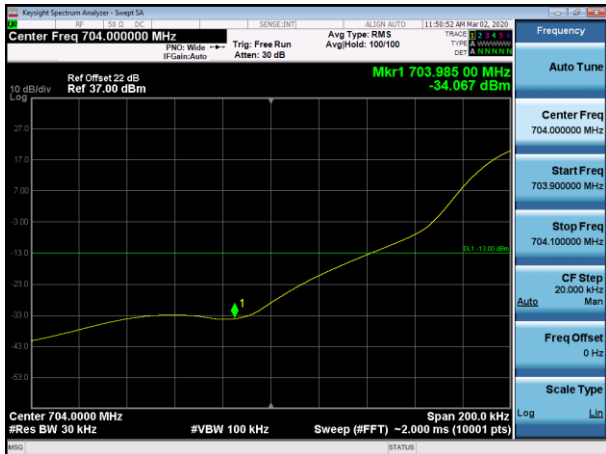
Channel 23732-1 tone offset 0, BW 3.75kHz, BPSK



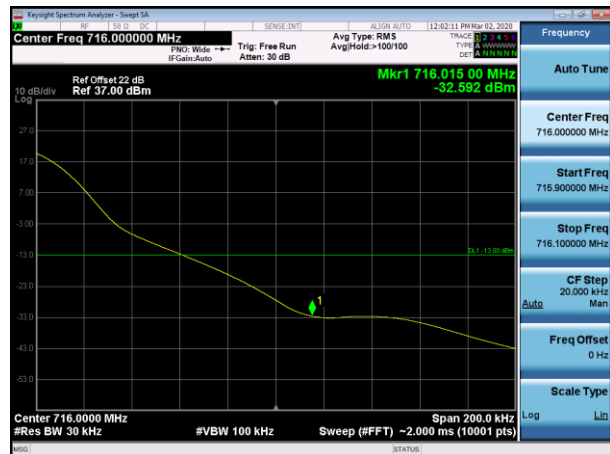
Channel 23848-1 tone offset 47, BW 3.75kHz, BPSK



Channel 23732-1 tone offset 0, BW 3.75kHz, QPSK



Channel 23848-1 tone offset 47, BW 3.75kHz, QPSK



Note: All modes of operation were investigated, only the worst case results were shown in the report.