

## RF Test Data for LTE (Conducted Measurement)

**Product Name: FastHelp Home Emergency Alert Device – V4-4G**

**Trade Mark: FastHelp**

**Test Model: FH-V4-4G**

**Sample ID: TZ210702403-1#**

**FCC ID: 2AJG4-FH-V4-4G**

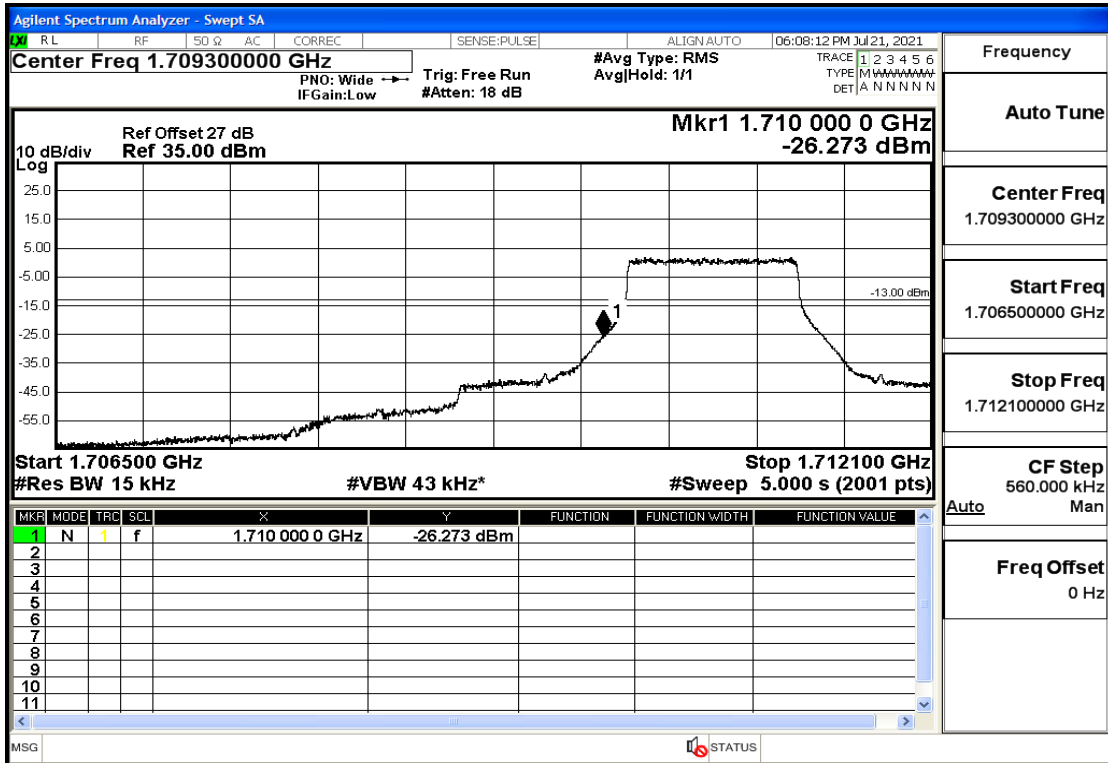
### Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
Remark:	For LTE Band4

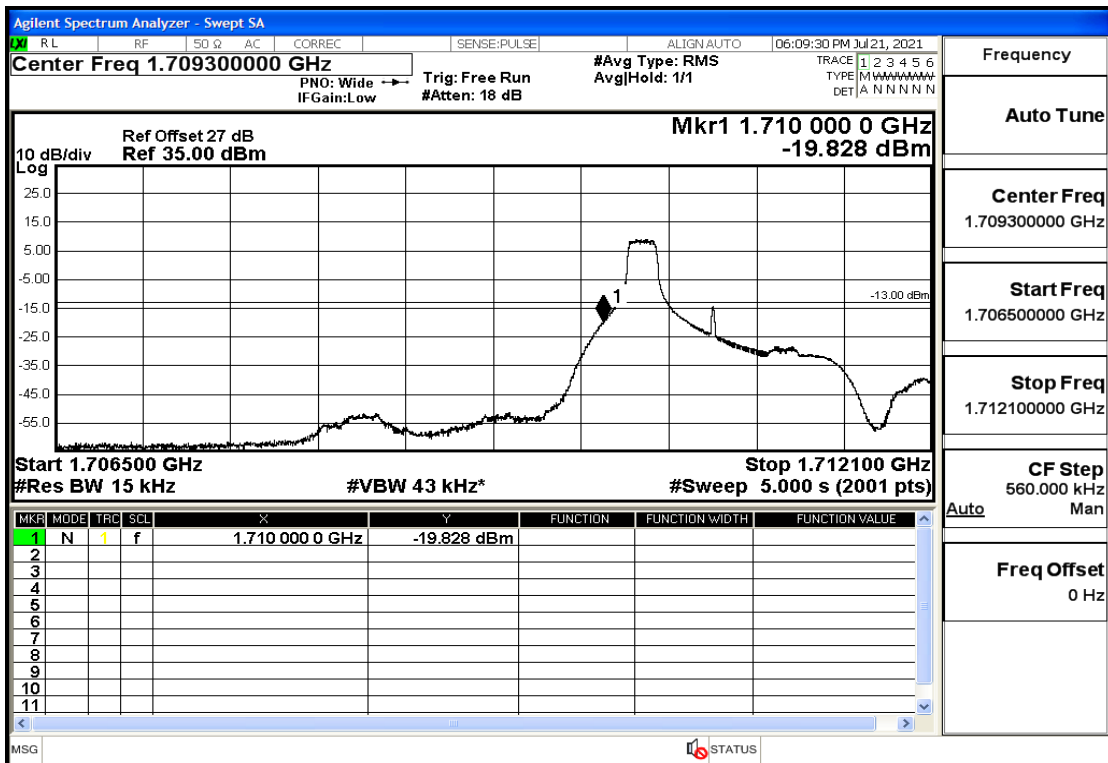
## Band Edge and Emission Mask

Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Conclusion
Band4	1.4	1710.7	QPSK	6	LOW	Pass
Band4	1.4	1710.7	QPSK	1	LOW	Pass
Band4	1.4	1710.7	16QAM	6	LOW	Pass
Band4	1.4	1710.7	16QAM	1	LOW	Pass
Band4	1.4	1754.3	QPSK	6	LOW	Pass
Band4	1.4	1754.3	QPSK	1	HIGH	Pass
Band4	1.4	1754.3	16QAM	6	LOW	Pass
Band4	1.4	1754.3	16QAM	1	HIGH	Pass
Band4	3	1711.5	QPSK	15	LOW	Pass
Band4	3	1711.5	QPSK	1	LOW	Pass
Band4	3	1711.5	16QAM	15	LOW	Pass
Band4	3	1711.5	16QAM	1	LOW	Pass
Band4	3	1753.5	QPSK	15	LOW	Pass
Band4	3	1753.5	QPSK	1	HIGH	Pass
Band4	3	1753.5	16QAM	15	LOW	Pass
Band4	3	1753.5	16QAM	1	HIGH	Pass
Band4	5	1712.5	QPSK	25	LOW	Pass
Band4	5	1712.5	QPSK	1	LOW	Pass
Band4	5	1712.5	16QAM	25	LOW	Pass
Band4	5	1712.5	16QAM	1	LOW	Pass
Band4	5	1752.5	QPSK	25	LOW	Pass
Band4	5	1752.5	QPSK	1	HIGH	Pass
Band4	5	1752.5	16QAM	25	LOW	Pass
Band4	5	1752.5	16QAM	1	HIGH	Pass

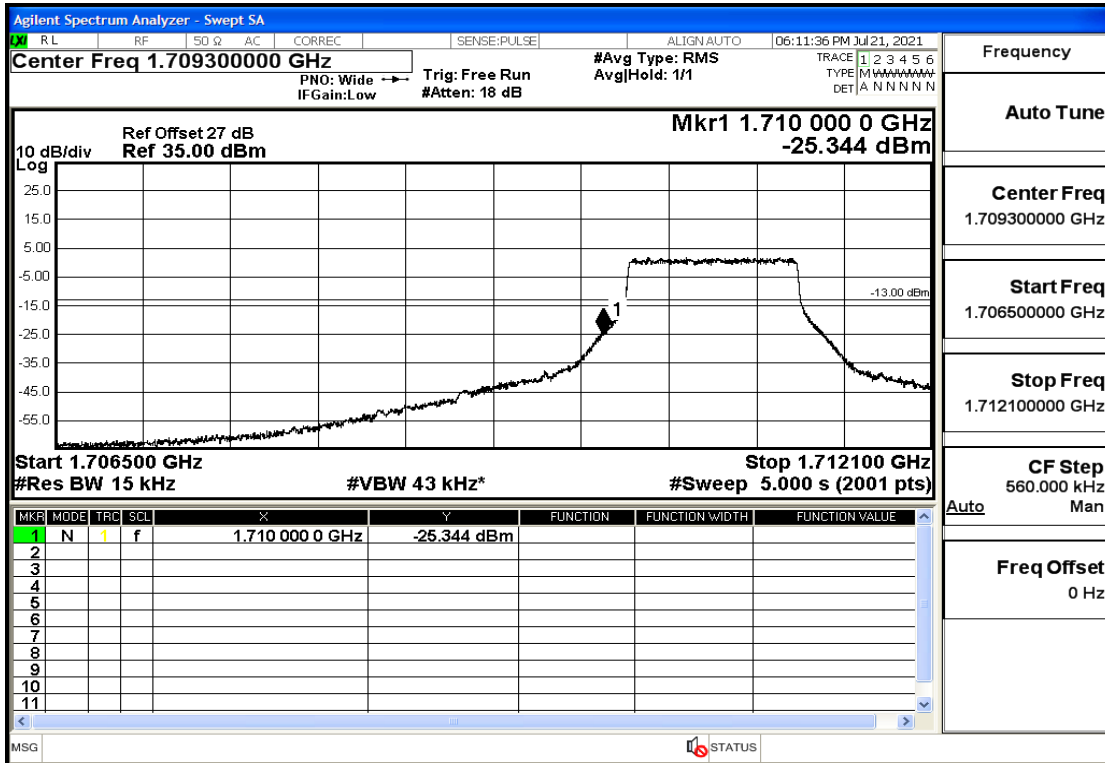
Band4-1.4-1710.7-QPSK-6#LOW@Pass



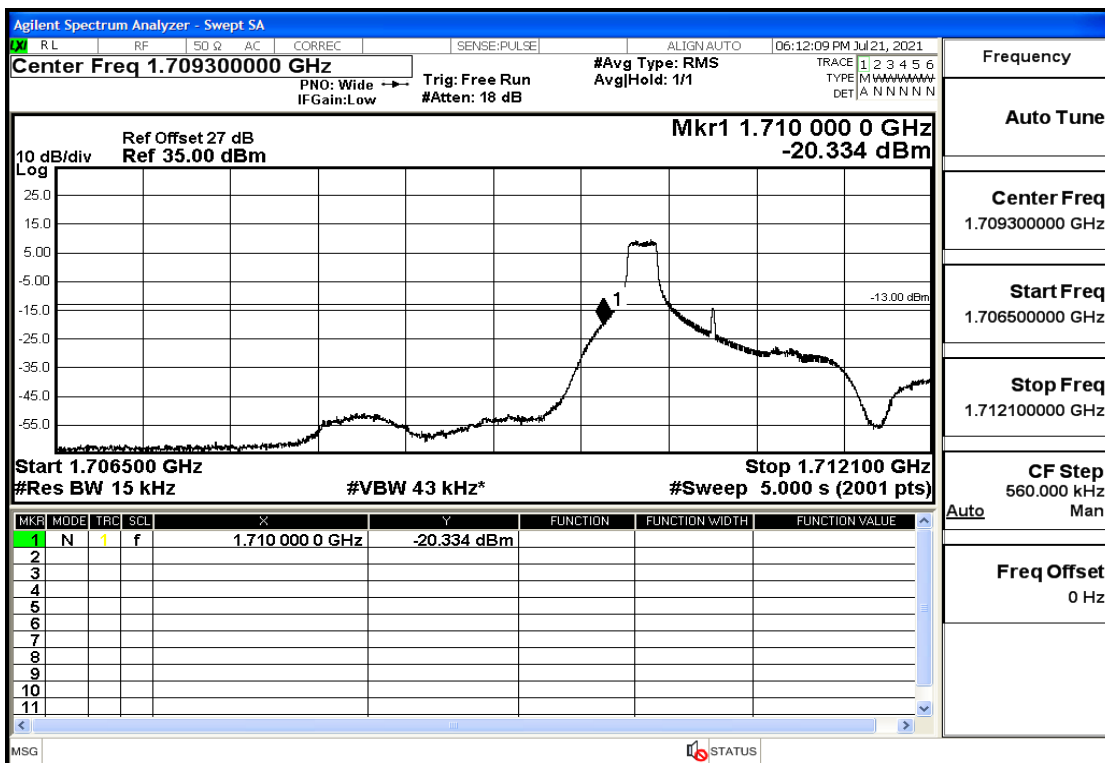
Band4-1.4-1710.7-QPSK-1#LOW@Pass



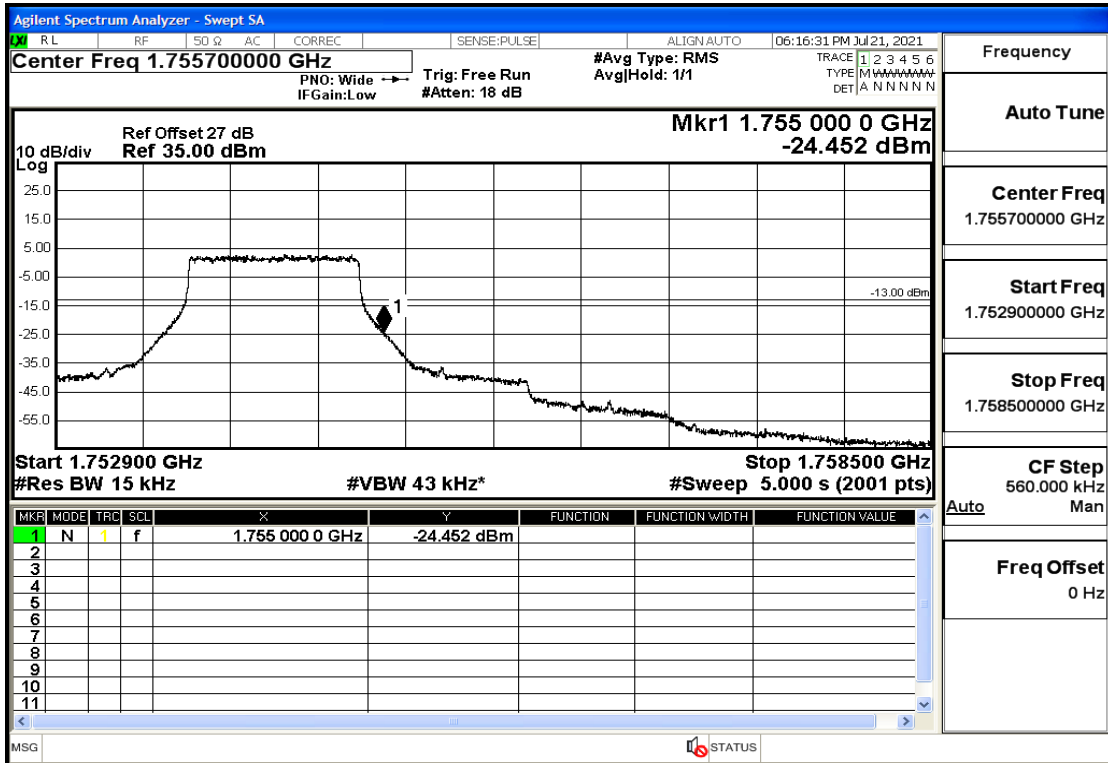
Band4-1.4-1710.7-16QAM-6#LOW@Pass



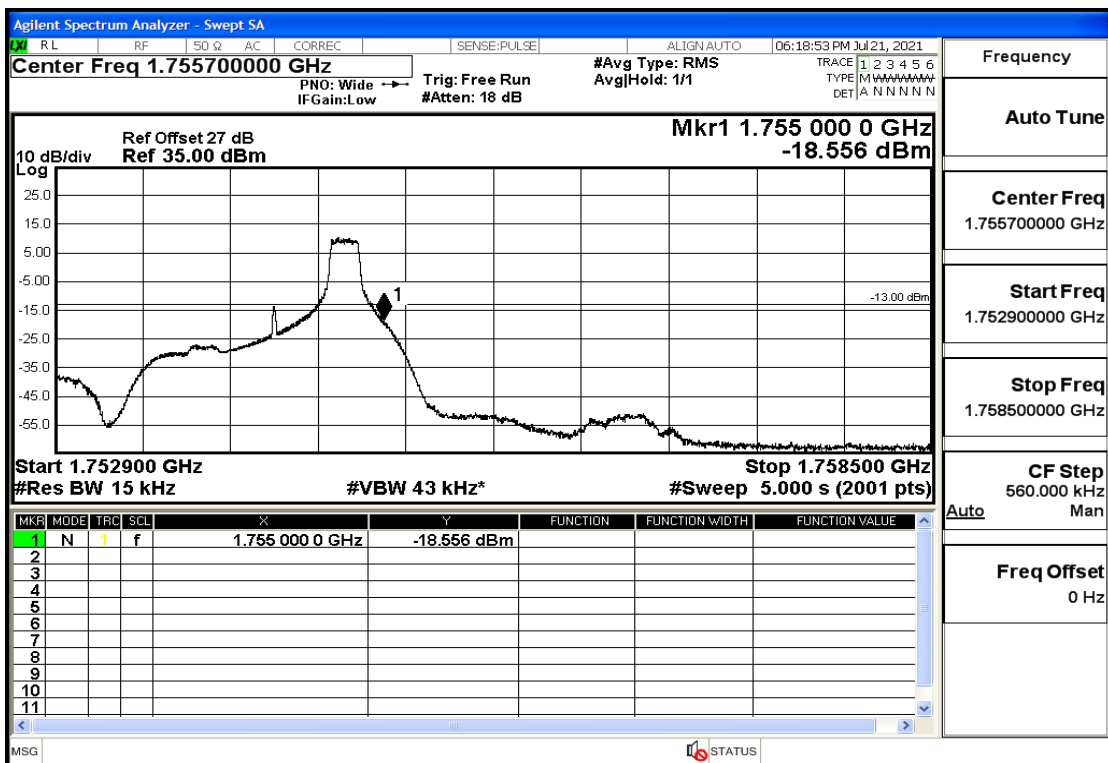
Band4-1.4-1710.7-16QAM-1#LOW@Pass



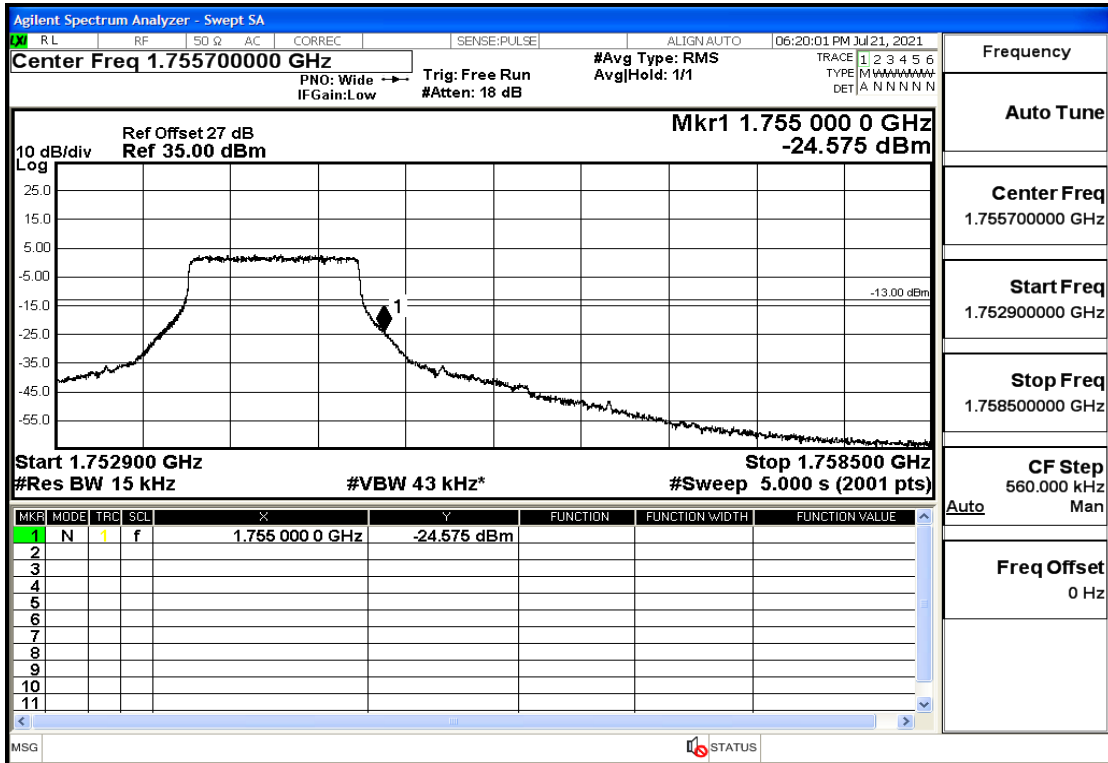
Band4-1.4-1754.3-QPSK-6#LOW@Pass



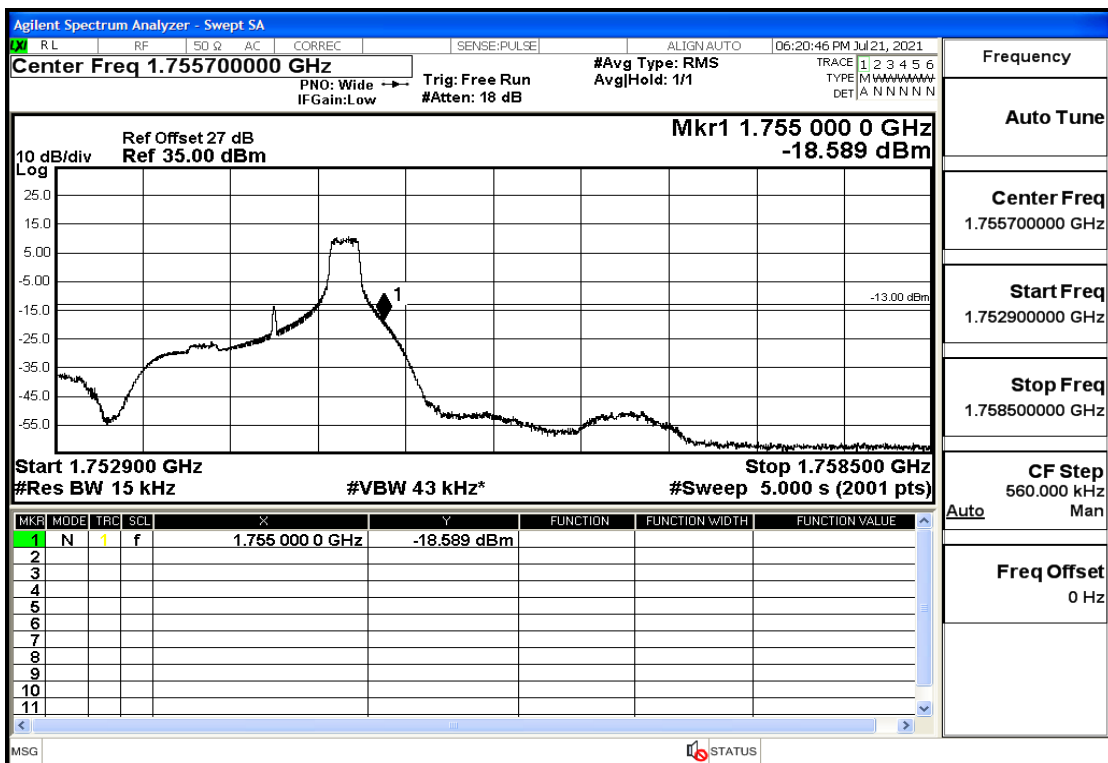
Band4-1.4-1754.3-QPSK-1#HIGH@Pass



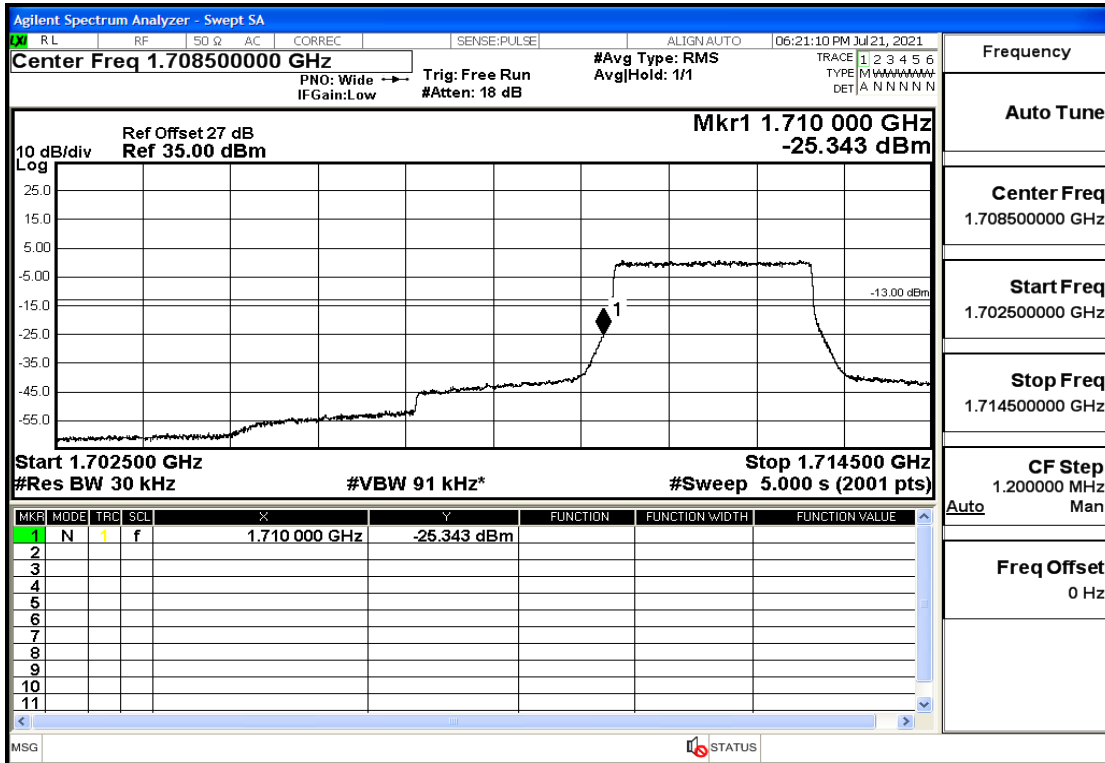
Band4-1.4-1754.3-16QAM-6#LOW@Pass



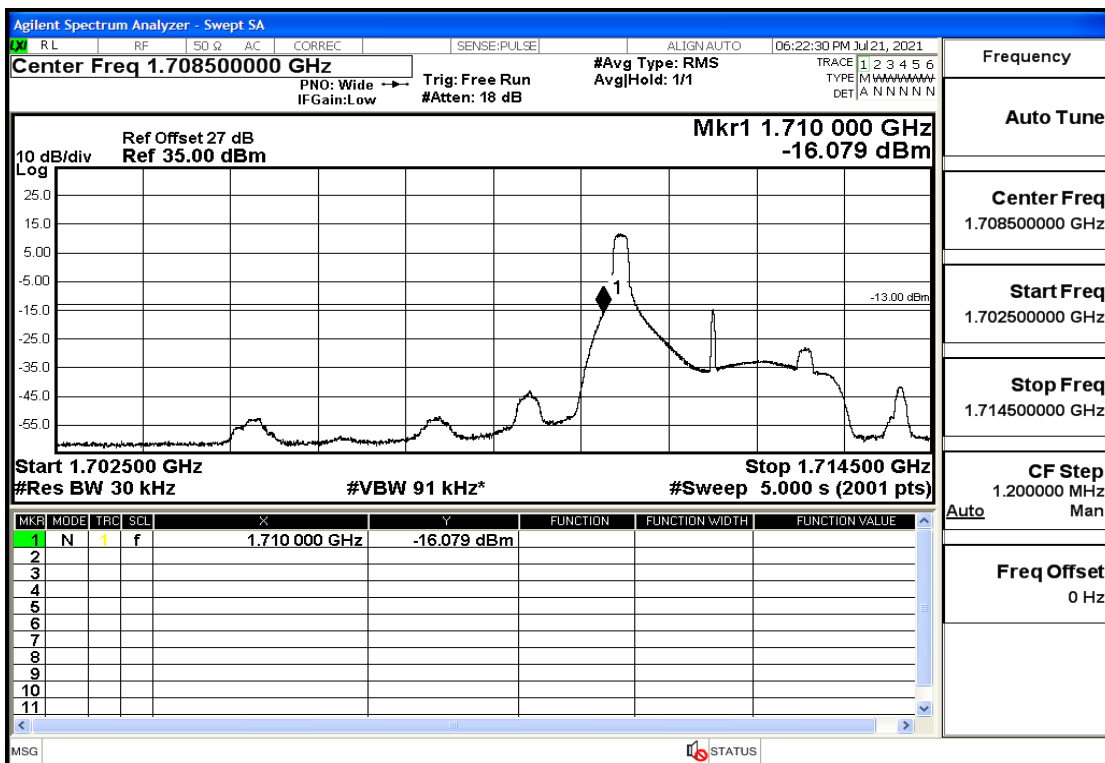
Band4-1.4-1754.3-16QAM-1#HIGH@Pass



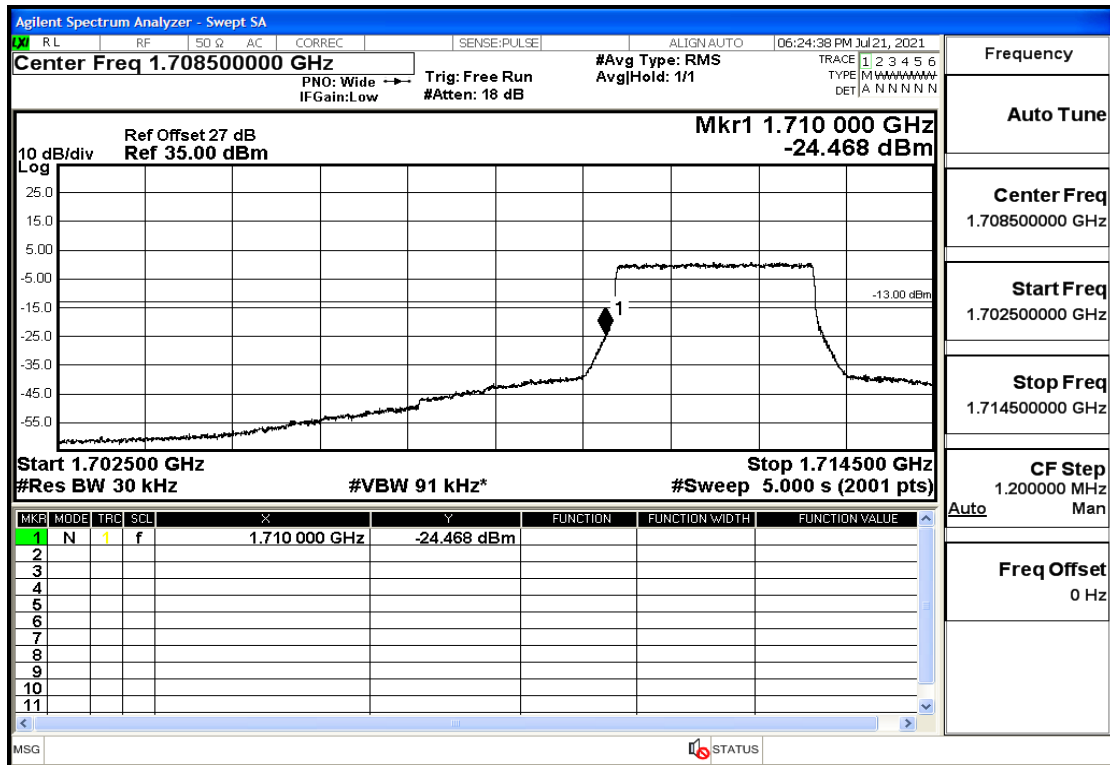
Band4-3-1711.5-QPSK-15#LOW@Pass



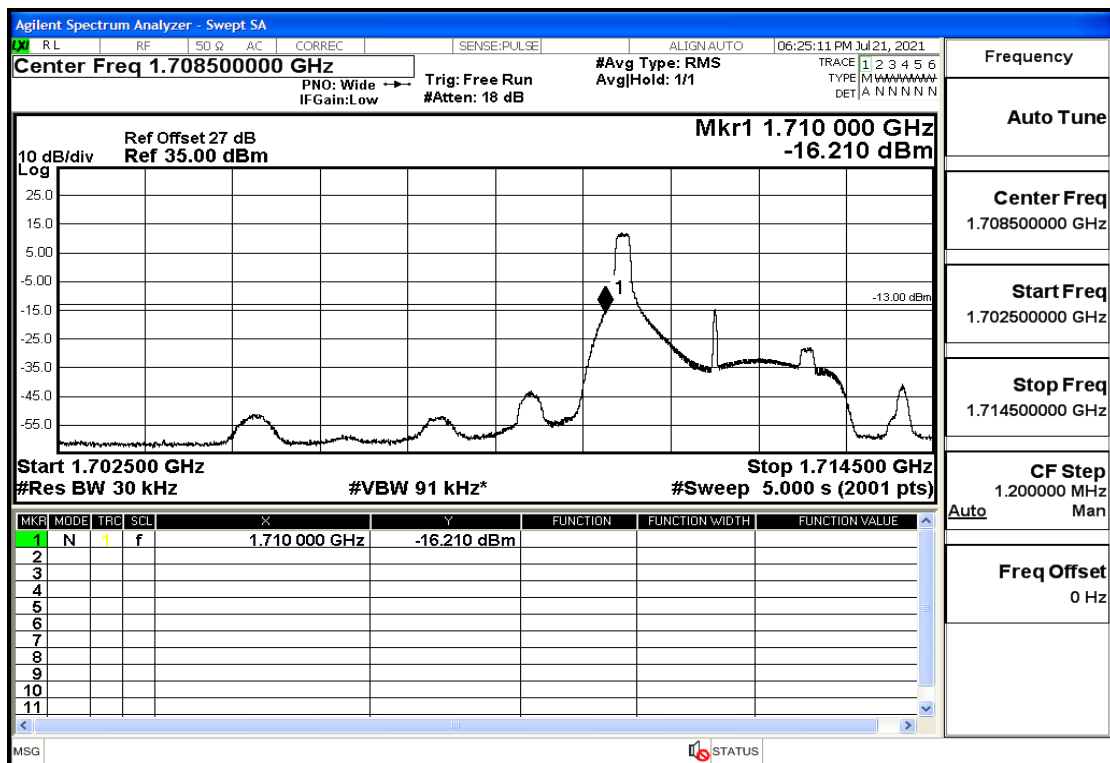
Band4-3-1711.5-QPSK-1#LOW@Pass



Band4-3-1711.5-16QAM-15#LOW@Pass

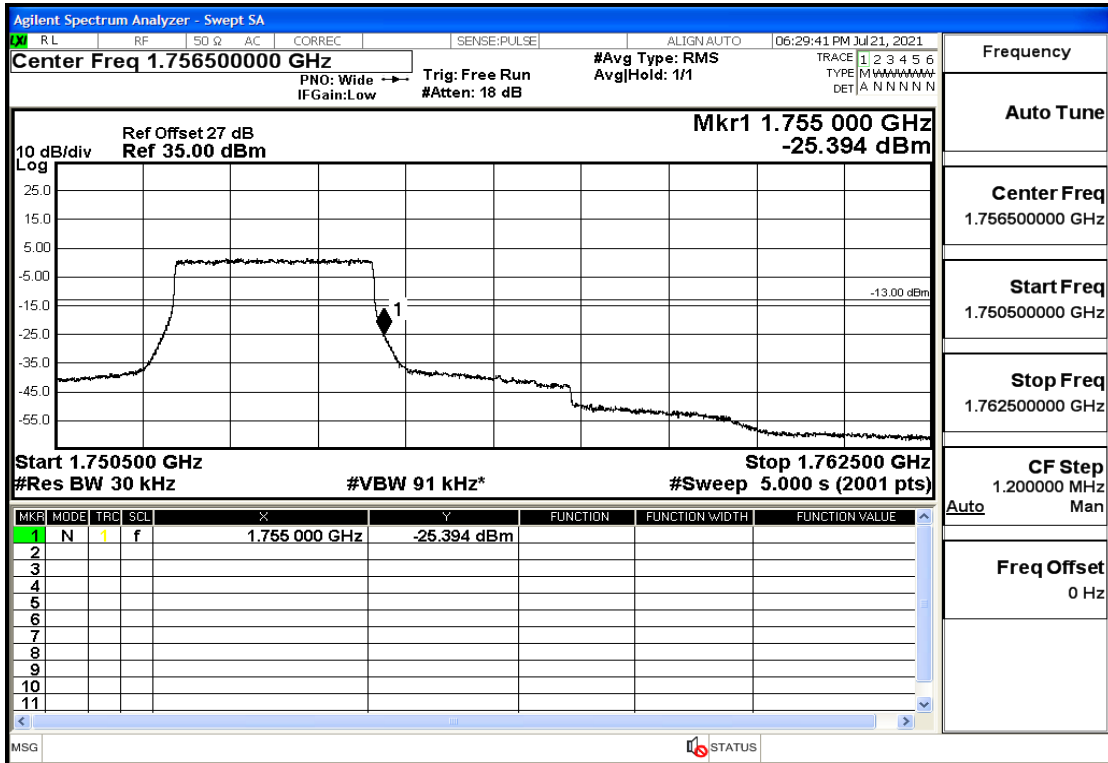


Band4-3-1711.5-16QAM-1#LOW@Pass

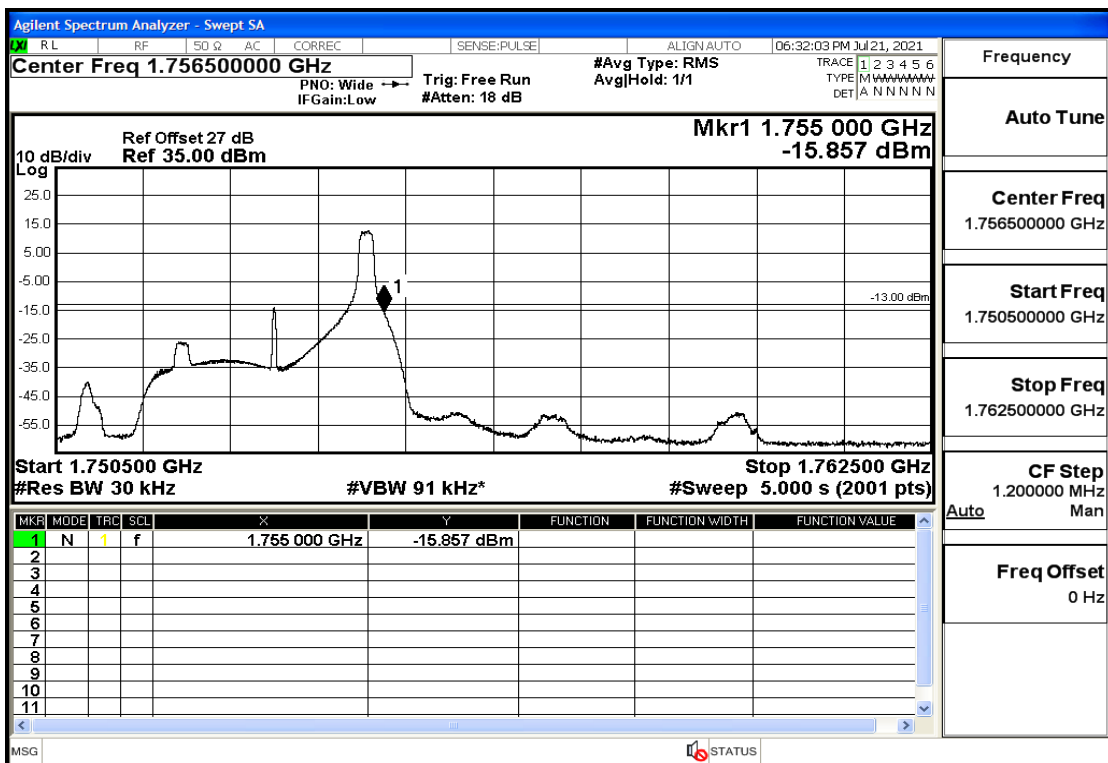




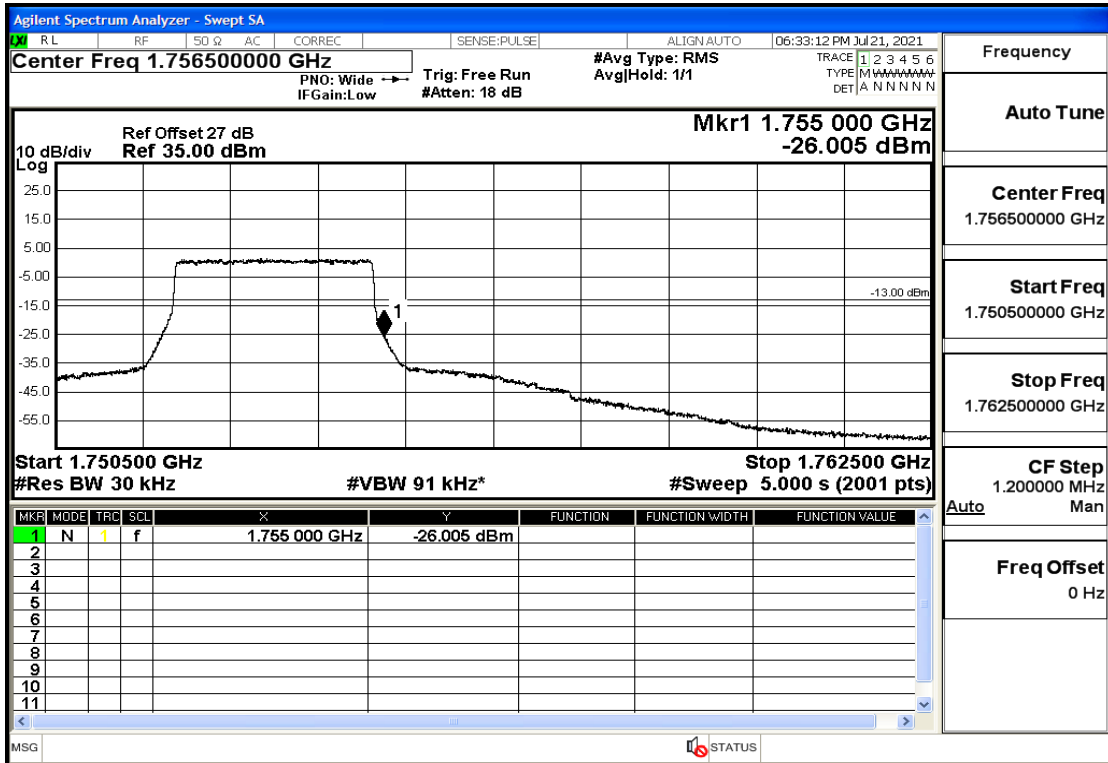
Band4-3-1753.5-QPSK-15#LOW@Pass



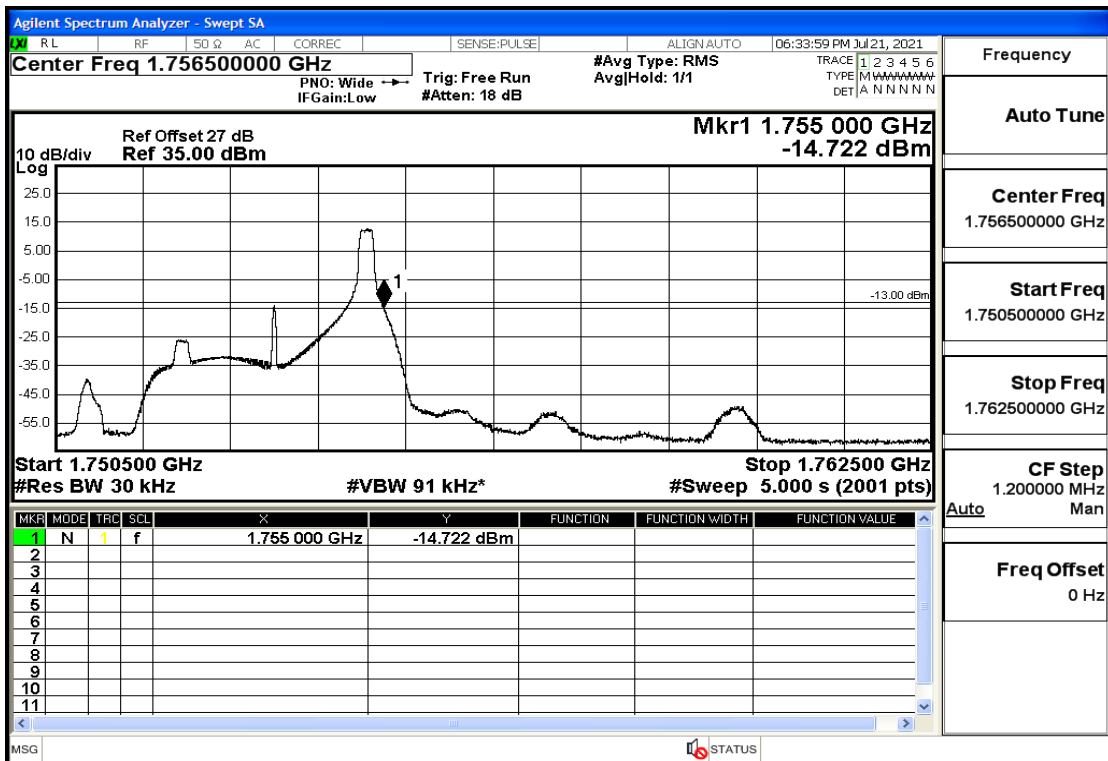
Band4-3-1753.5-QPSK-1#HIGH@Pass



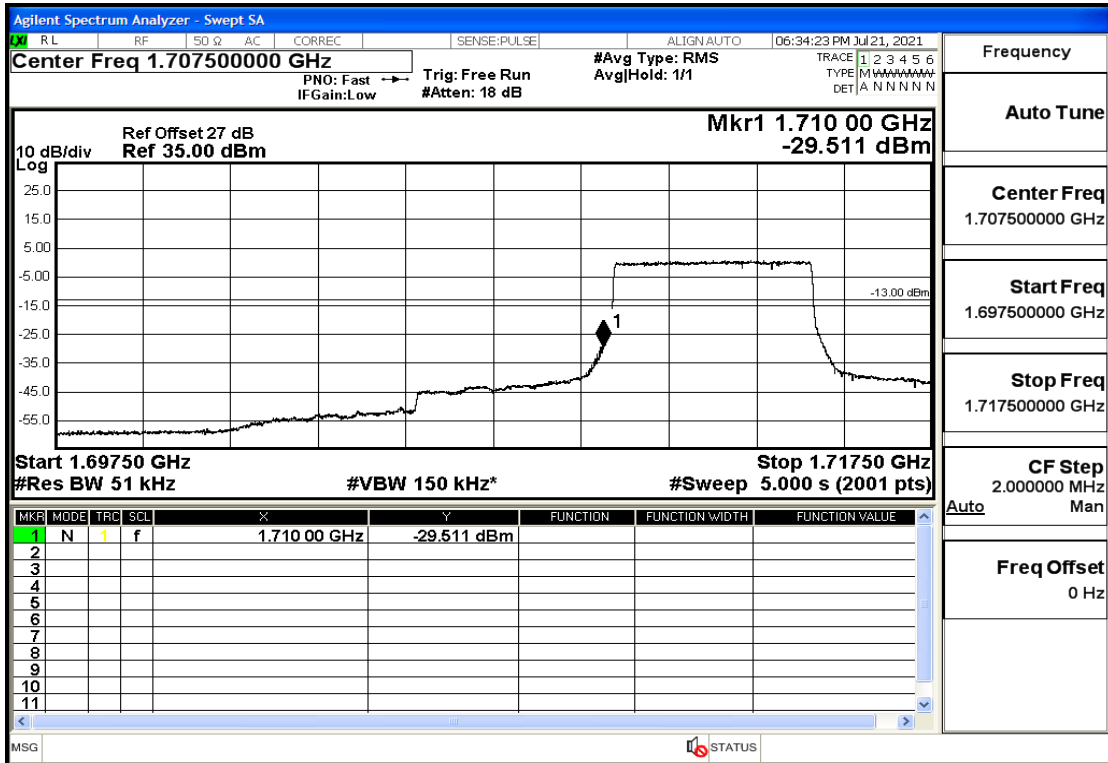
Band4-3-1753.5-16QAM-15#LOW@Pass



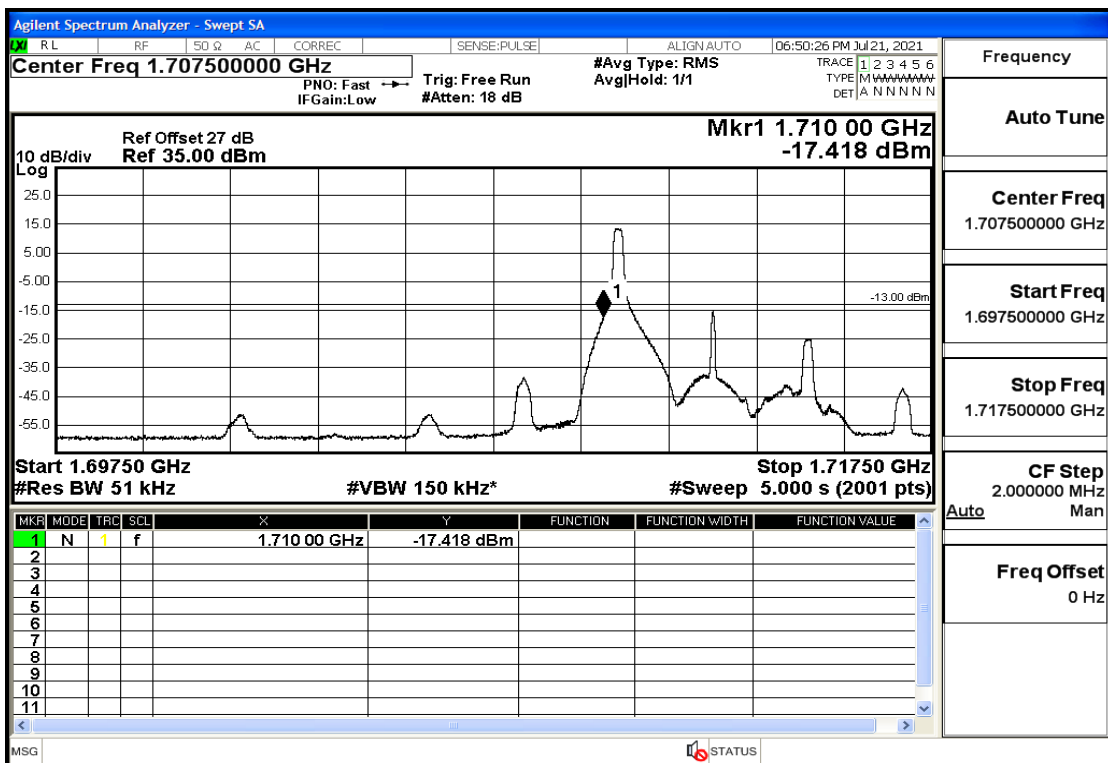
Band4-3-1753.5-16QAM-1#HIGH@Pass



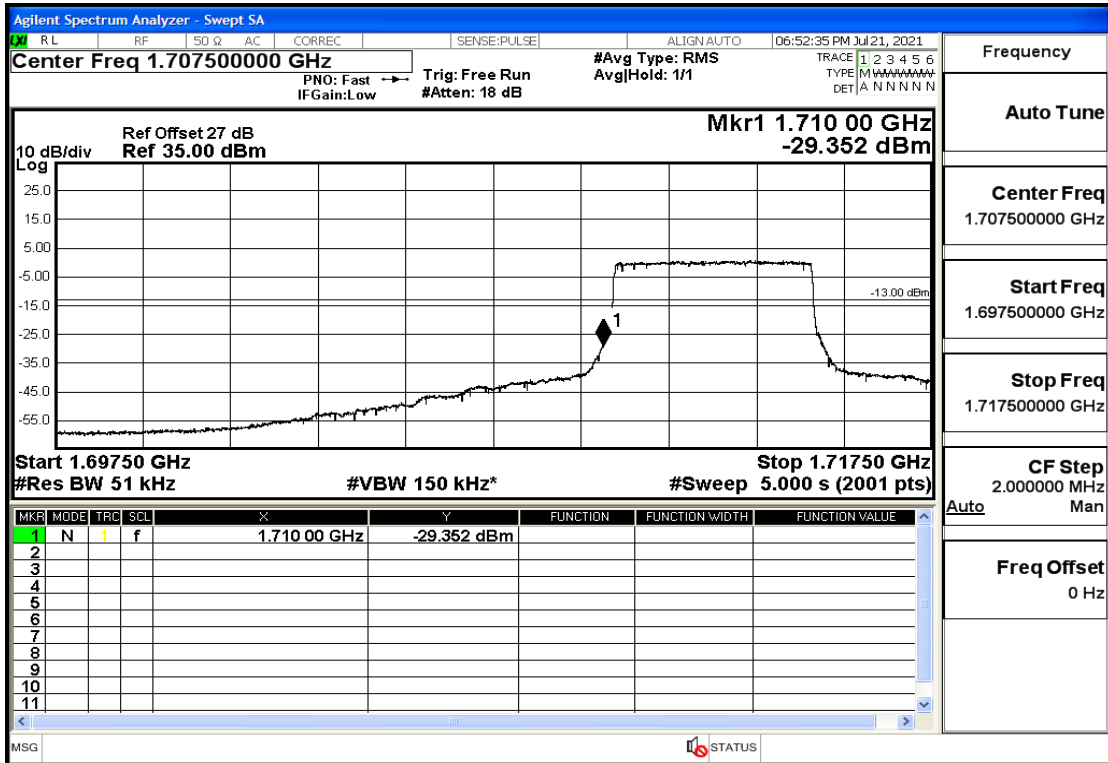
Band4-5-1712.5-QPSK-25#LOW@Pass



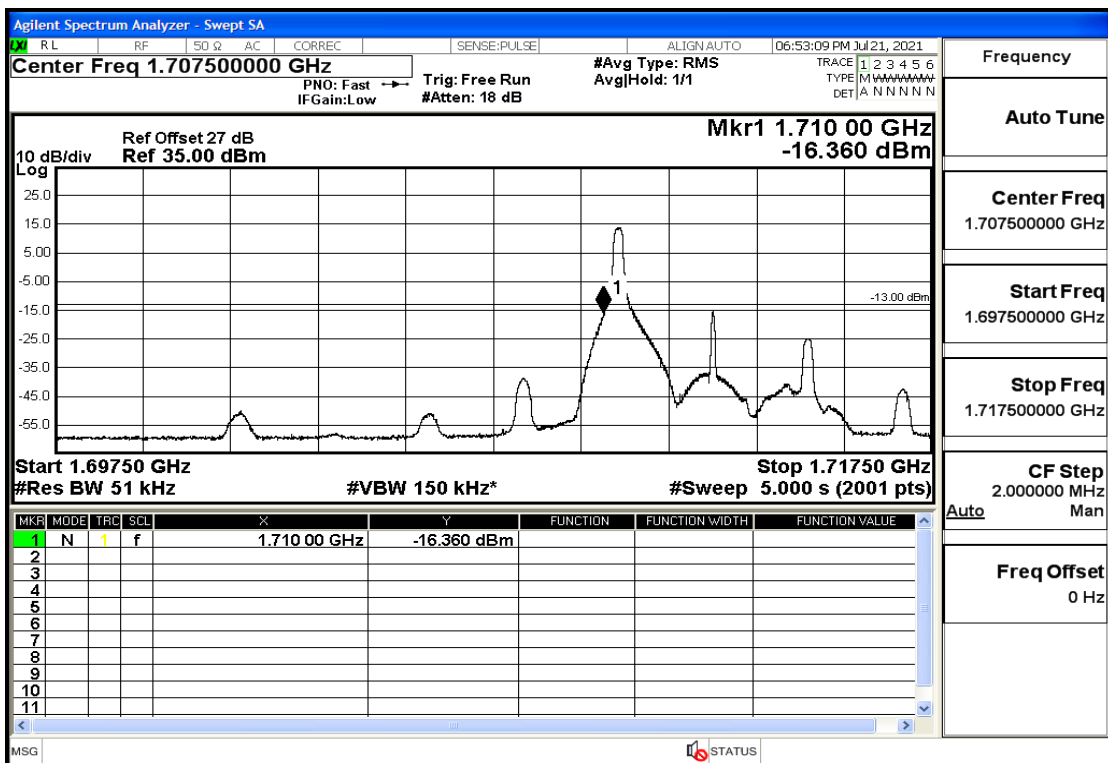
Band4-5-1712.5-QPSK-1#LOW@Pass



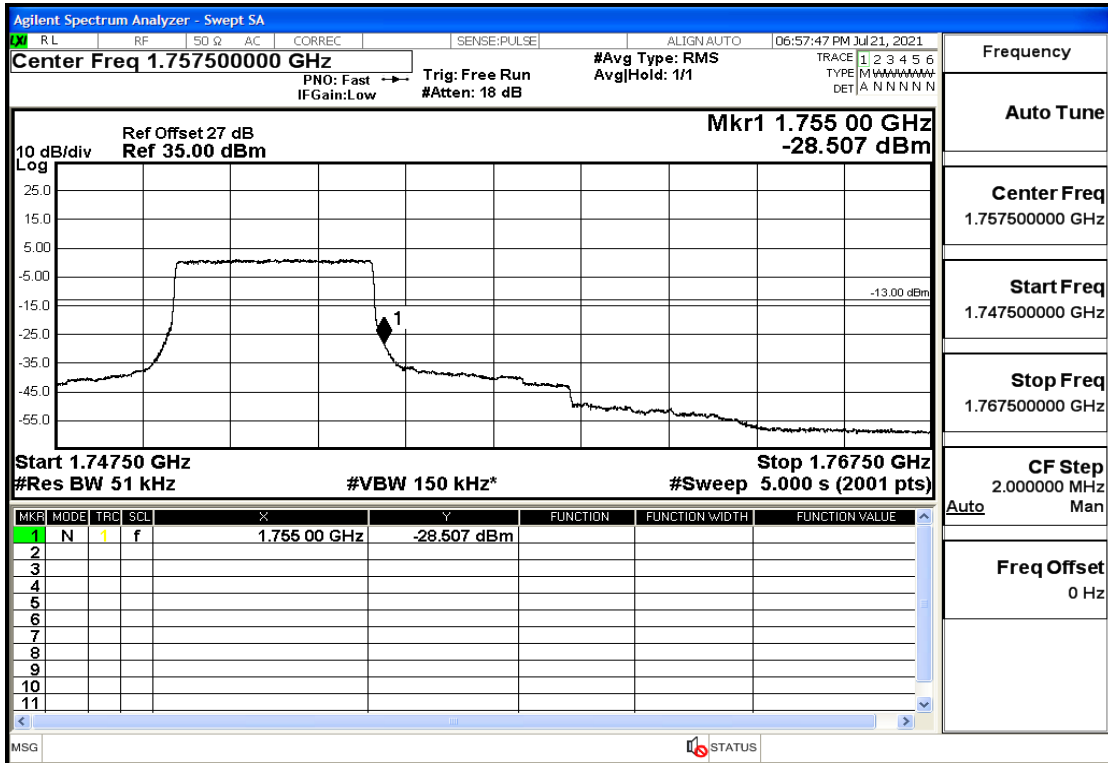
Band4-5-1712.5-16QAM-25#LOW@Pass



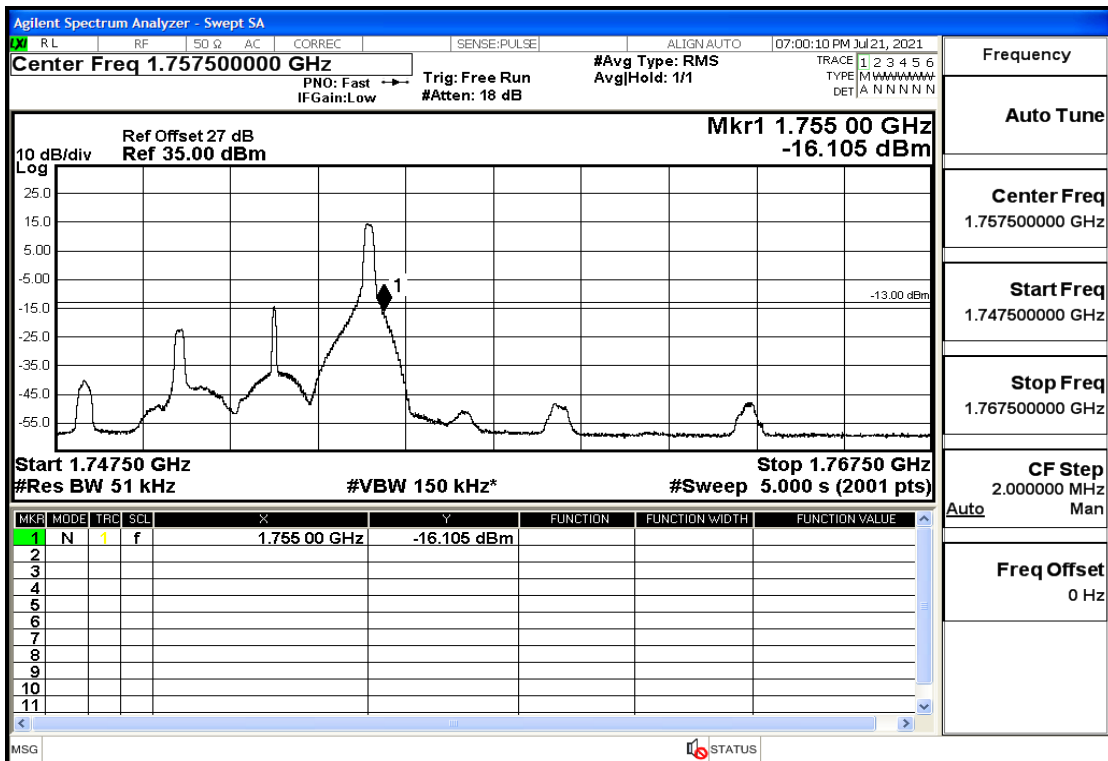
Band4-5-1712.5-16QAM-1#LOW@Pass



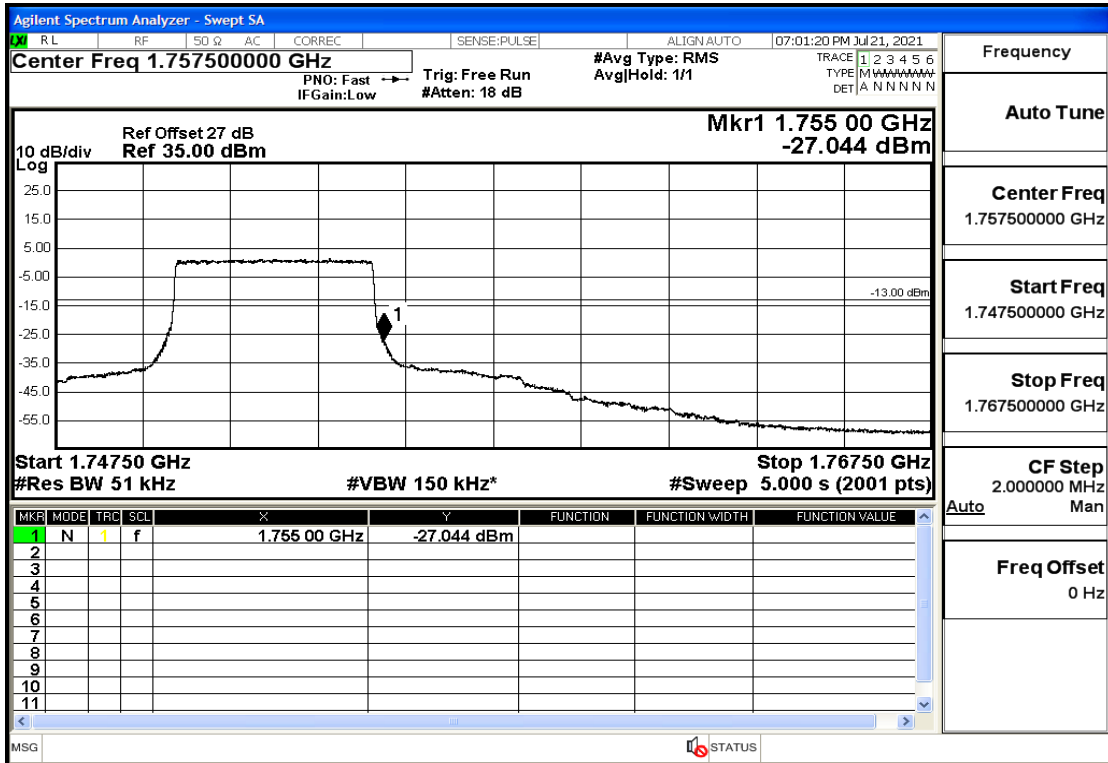
Band4-5-1752.5-QPSK-25#LOW@Pass



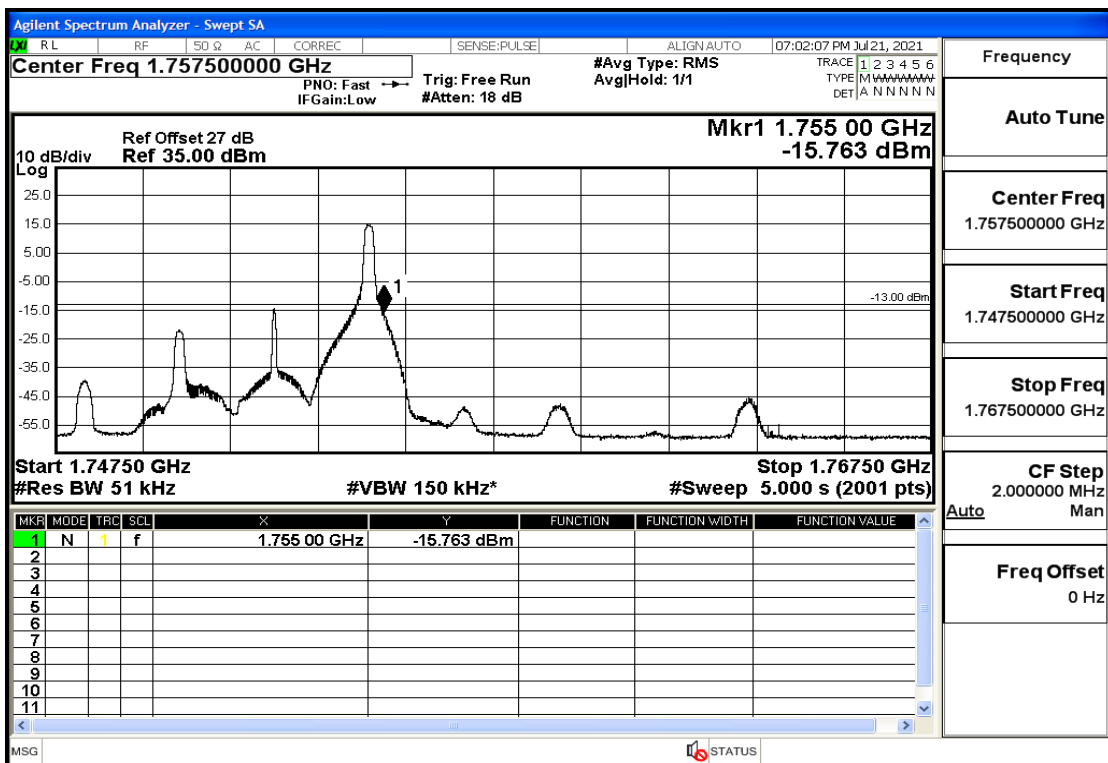
Band4-5-1752.5-QPSK-1#HIGH@Pass



Band4-5-1752.5-16QAM-25#LOW@Pass



Band4-5-1752.5-16QAM-1#HIGH@Pass



## Conducted Spurious Emission

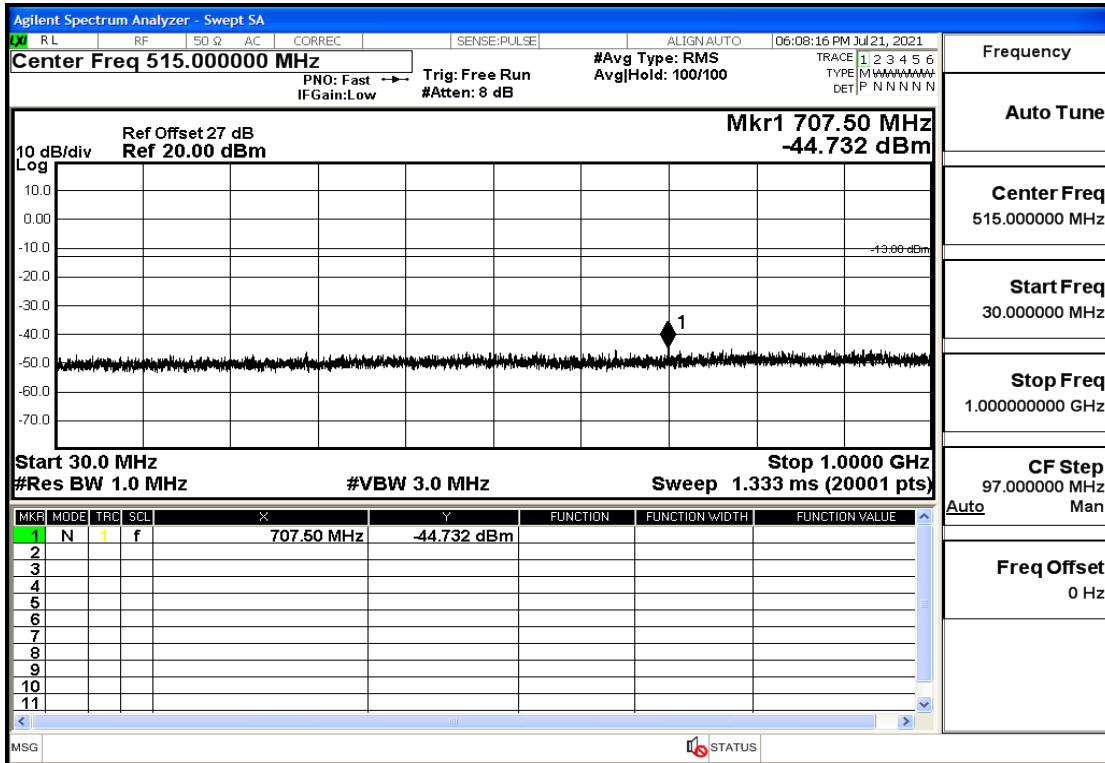
Band	Bandwidth(MHz)	UL Frequency(MHz)	Modulation	RB Size	RB Offset	Test Condition	Transmitter Spurious Emission(Pass/Fail)
OB4	1.4	1710.7	QPSK	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1710.7	QPSK	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1710.7	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1710.7	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1710.7	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	1.4	1710.7	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	1.4	1710.7	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1710.7	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	1.4	1710.7	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1732.5	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1732.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	1.4	1732.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	1.4	1732.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1732.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	1.4	1732.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	30mHz-1GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	1GHz-7GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1754.3	QPSK	6	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1754.3	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	1.4	1754.3	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	1.4	1754.3	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	1.4	1754.3	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	1.4	1754.3	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1711.5	QPSK	15	LOW	13.6GHz-20GHz	Pass

OB4	3	1711.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	3	1711.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	3	1711.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	3	1711.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	3	1711.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1732.5	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB4	3	1732.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	3	1732.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	3	1732.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	3	1732.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	3	1732.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	30mHz-1GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	1GHz-7GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	7GHz-13.6GHz	Pass
OB4	3	1753.5	QPSK	15	LOW	13.6GHz-20GHz	Pass
OB4	3	1753.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	3	1753.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	3	1753.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	3	1753.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	3	1753.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1712.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB4	5	1712.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	5	1712.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	5	1712.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	5	1712.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	5	1712.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	5	1732.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB4	5	1732.5	QPSK	25	LOW	1GHz-7GHz	Pass

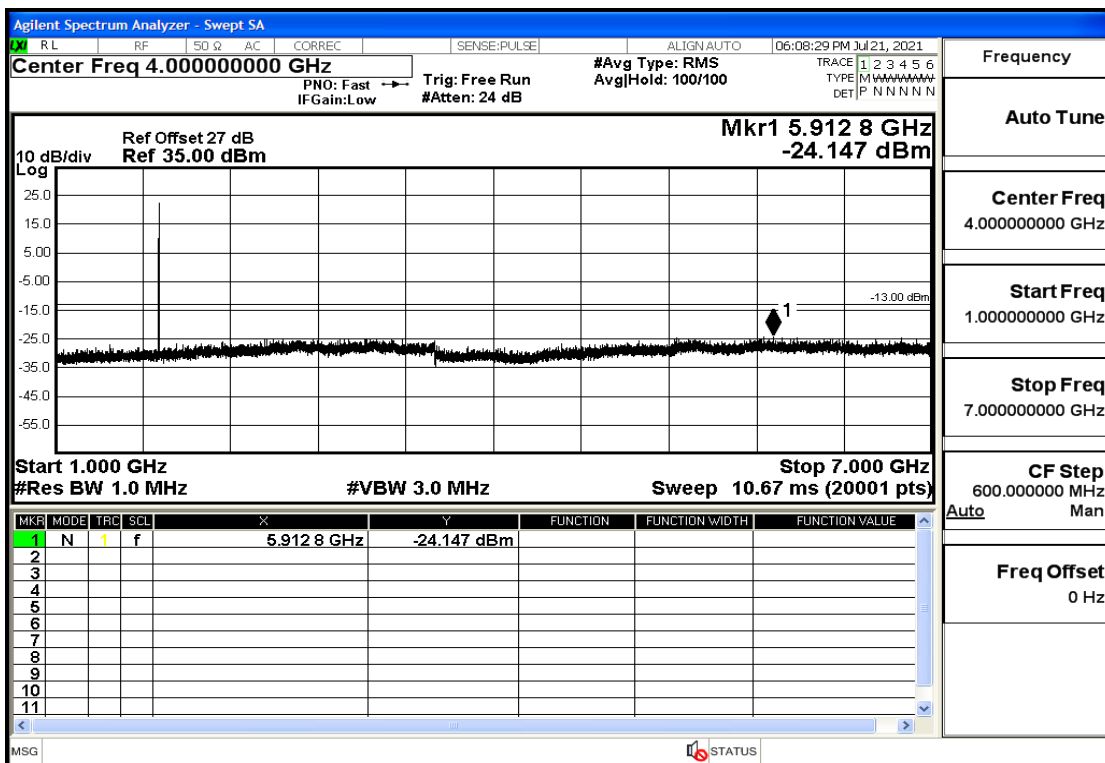


OB4	5	1732.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1732.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB4	5	1732.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	5	1732.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	5	1732.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	5	1732.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	5	1732.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	5	1732.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	5	1732.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	5	1732.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	30mHz-1GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	1GHz-7GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	7GHz-13.6GHz	Pass
OB4	5	1752.5	QPSK	25	LOW	13.6GHz-20GHz	Pass
OB4	5	1752.5	QPSK	1	LOW	30mHz-1GHz	Pass
OB4	5	1752.5	QPSK	1	LOW	1GHz-7GHz	Pass
OB4	5	1752.5	QPSK	1	LOW	7GHz-13.6GHz	Pass
OB4	5	1752.5	QPSK	1	LOW	13.6GHz-20GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	30mHz-1GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	1GHz-7GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	7GHz-13.6GHz	Pass
OB4	5	1752.5	QPSK	1	HIGH	13.6GHz-20GHz	Pass

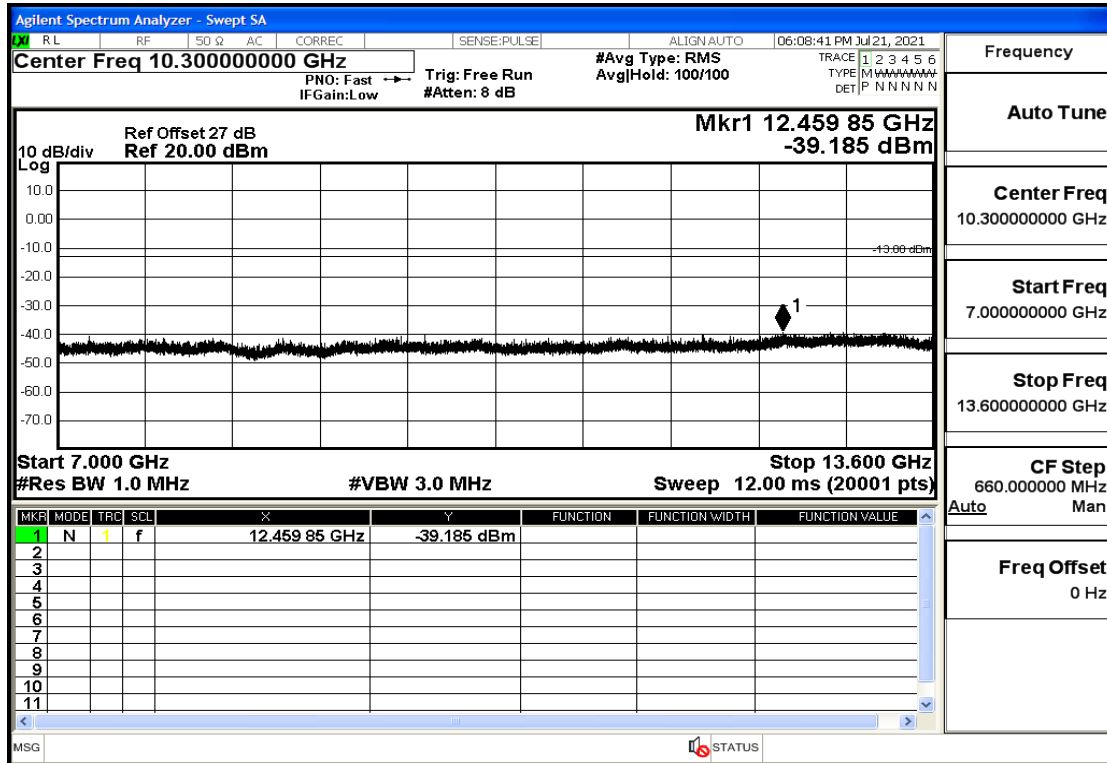
OB4-1.4-1710.7-QPSK-6#LOW@30mHz-1GHz@Pass



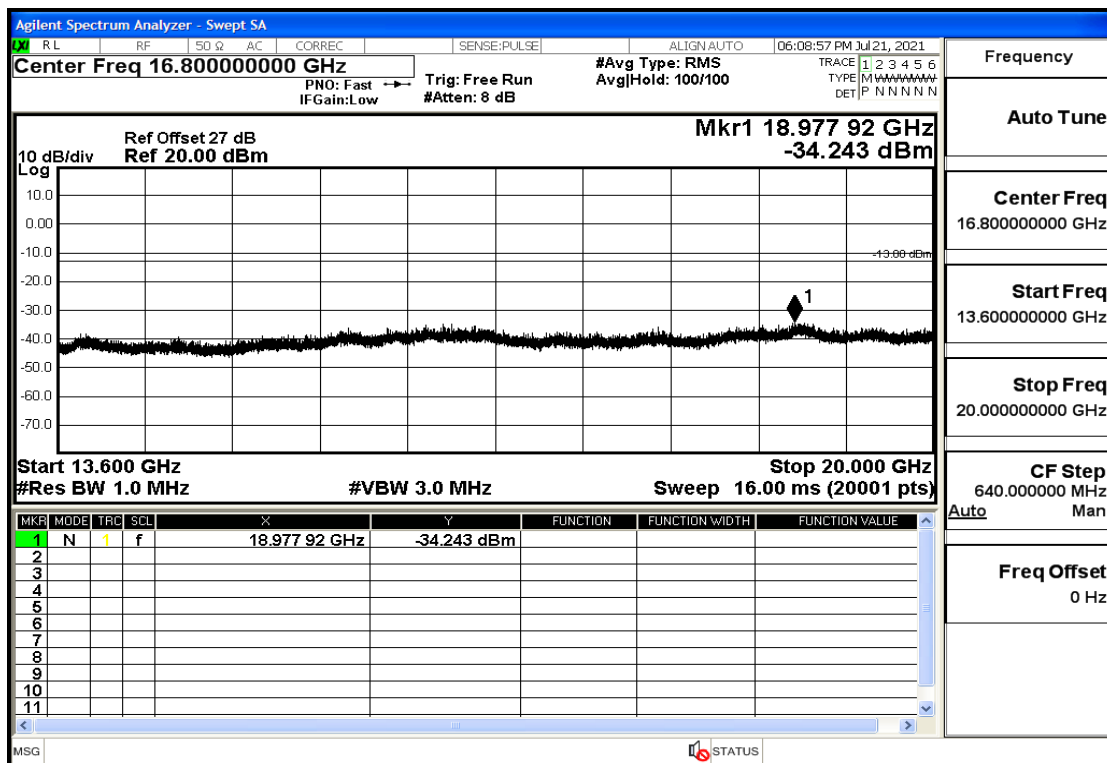
OB4-1.4-1710.7-QPSK-6#LOW@1GHz-7GHz@Pass



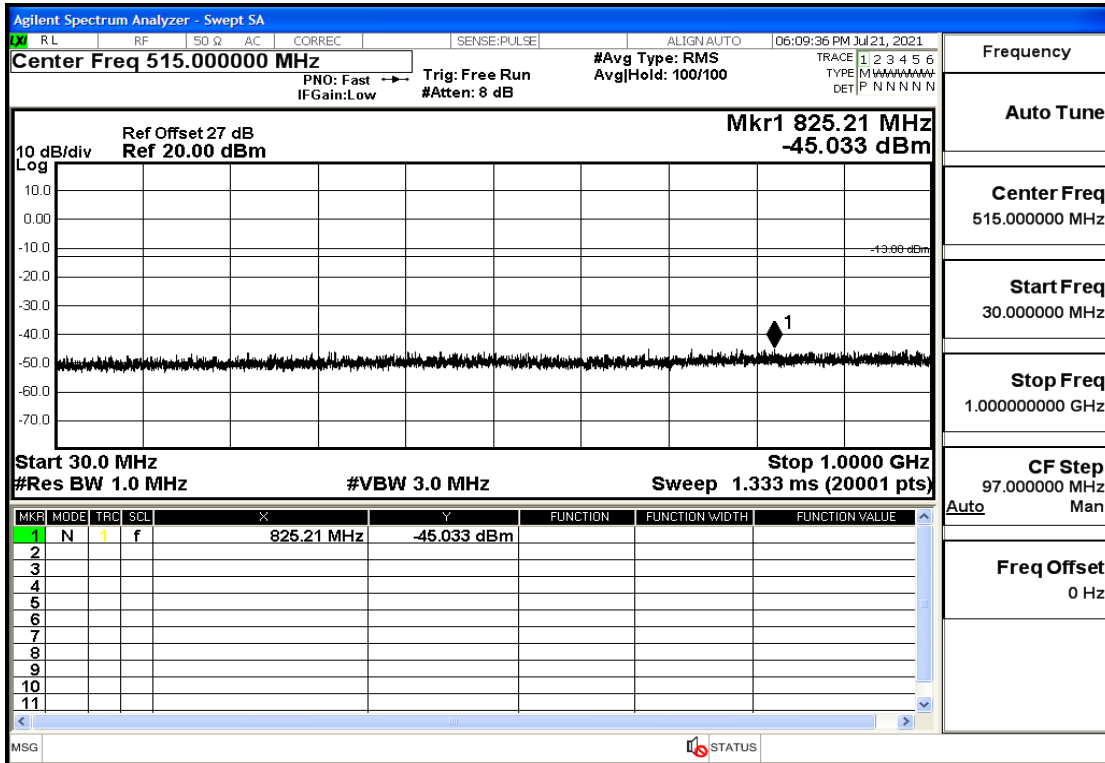
OB4-1.4-1710.7-QPSK-6#LOW@7GHz-13.6GHz@Pass



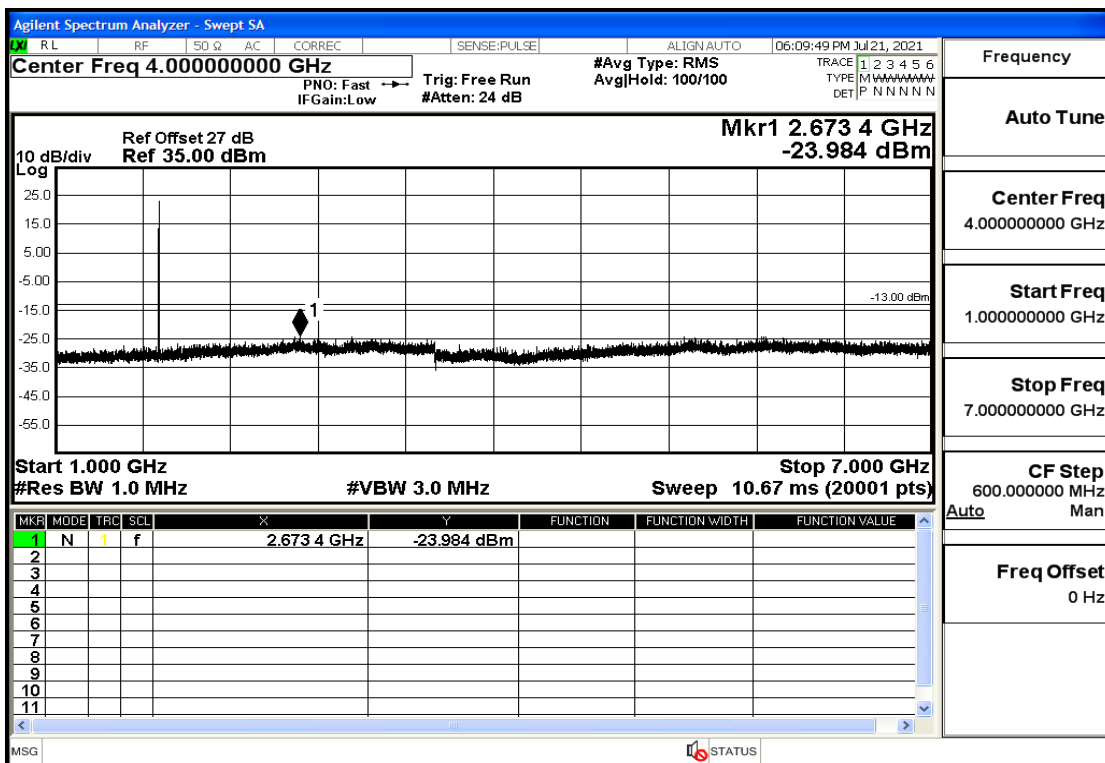
OB4-1.4-1710.7-QPSK-6#LOW@13.6GHz-20GHz@Pass



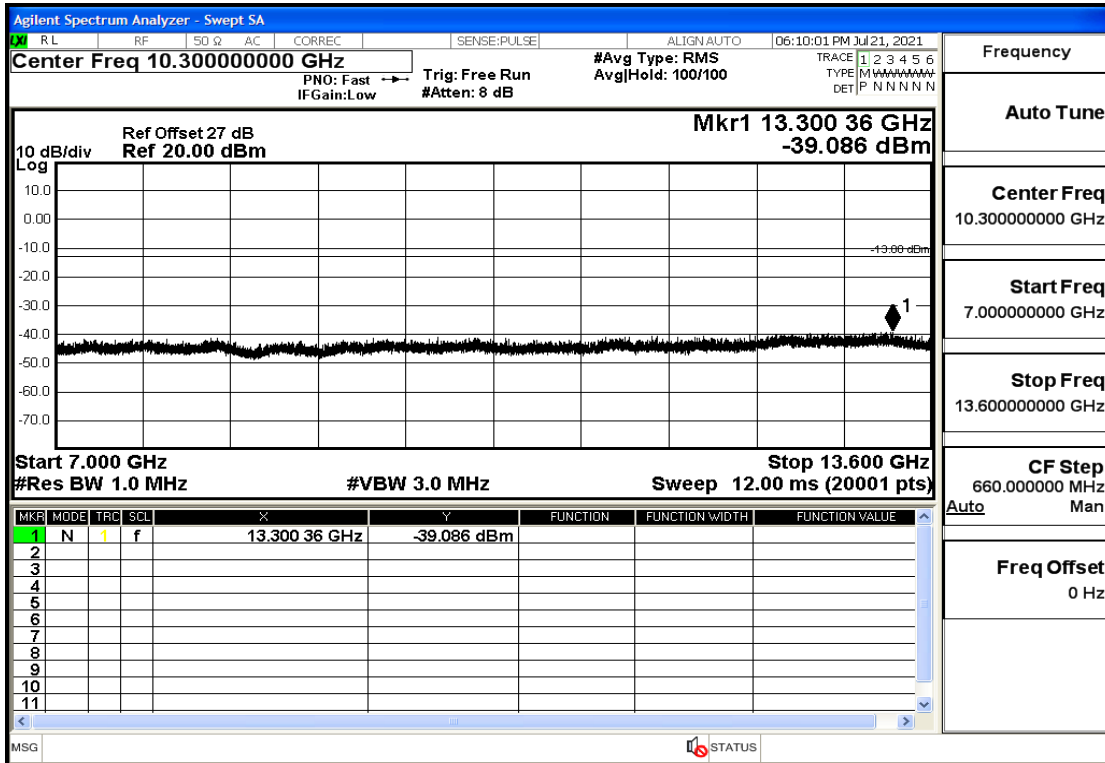
OB4-1.4-1710.7-QPSK-1#LOW@30mHz-1GHz@Pass



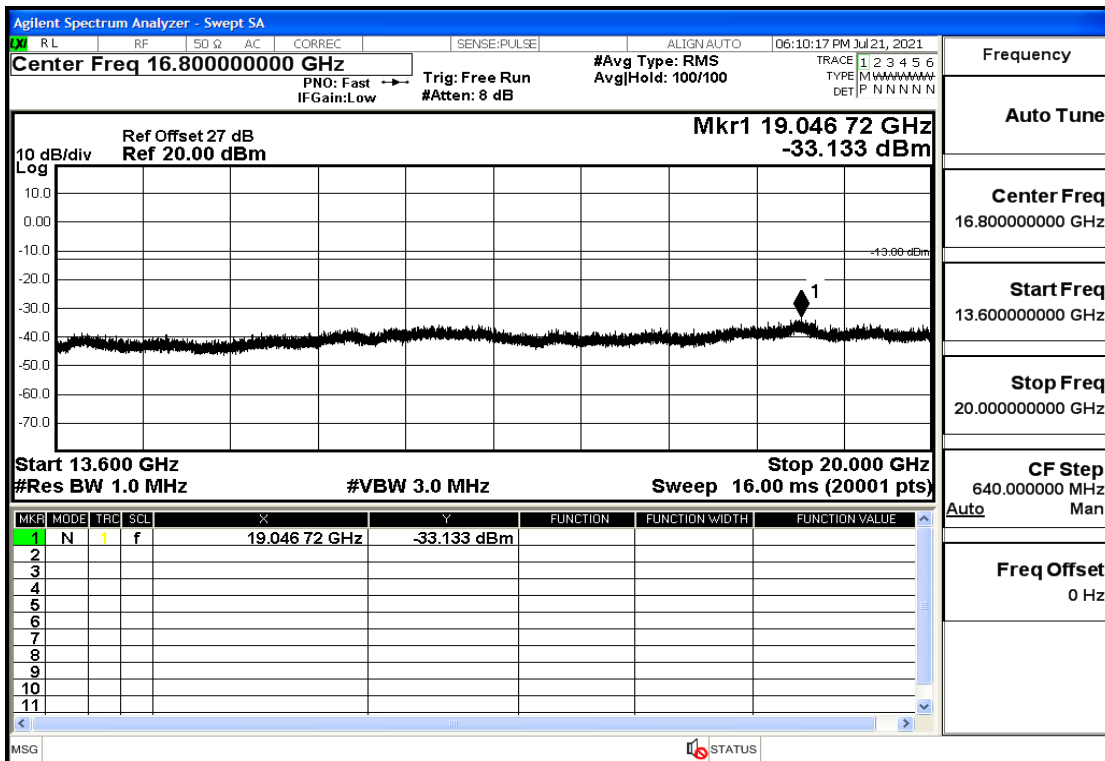
OB4-1.4-1710.7-QPSK-1#LOW@1GHz-7GHz@Pass



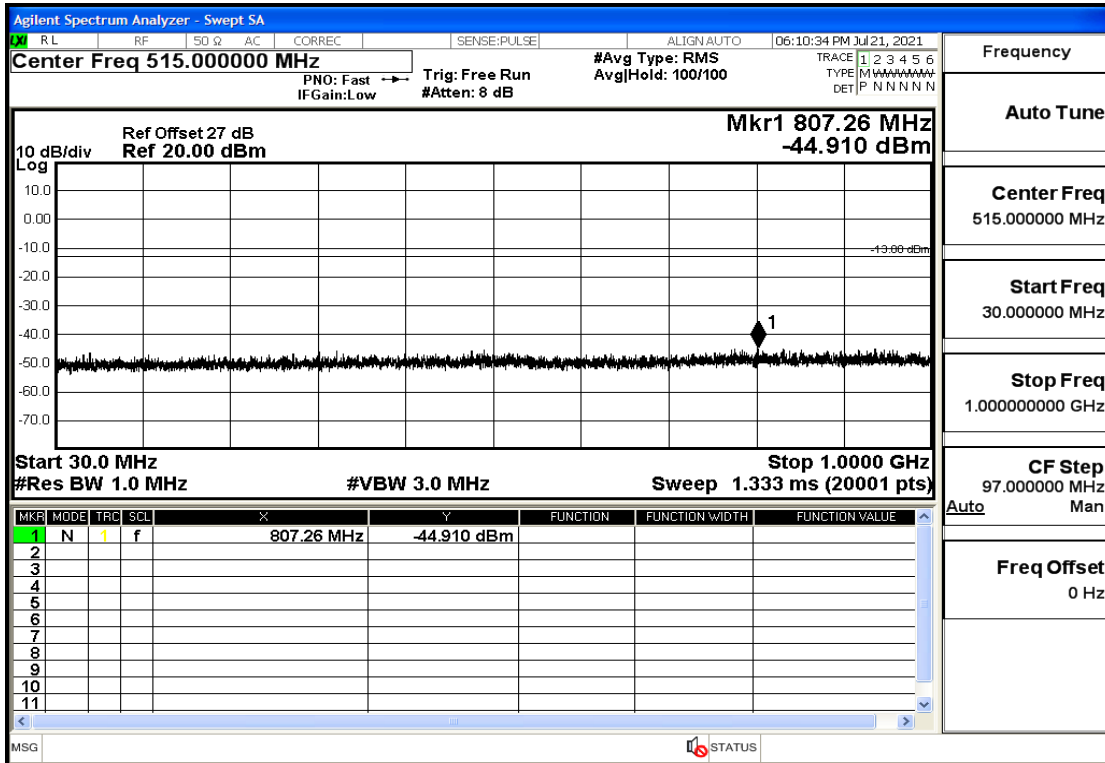
OB4-1.4-1710.7-QPSK-1#LOW@7GHz-13.6GHz@Pass



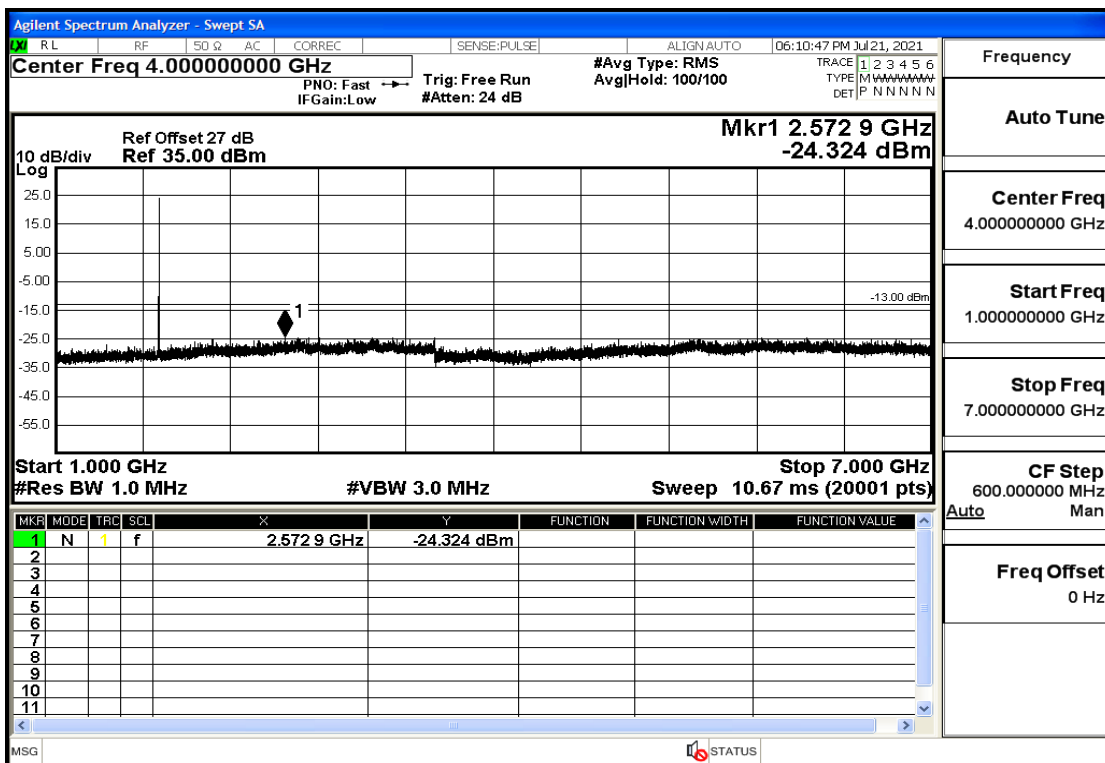
OB4-1.4-1710.7-QPSK-1#LOW@13.6GHz-20GHz@Pass



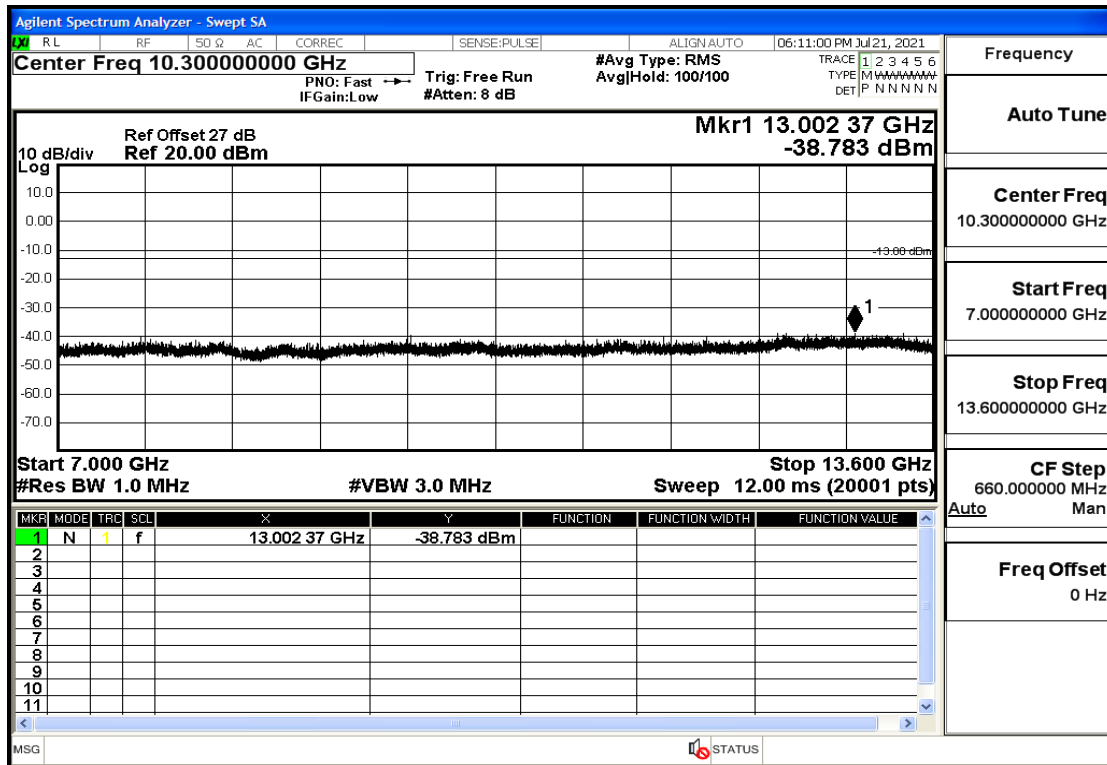
OB4-1.4-1710.7-QPSK-1#HIGH@30mHz-1GHz@Pass



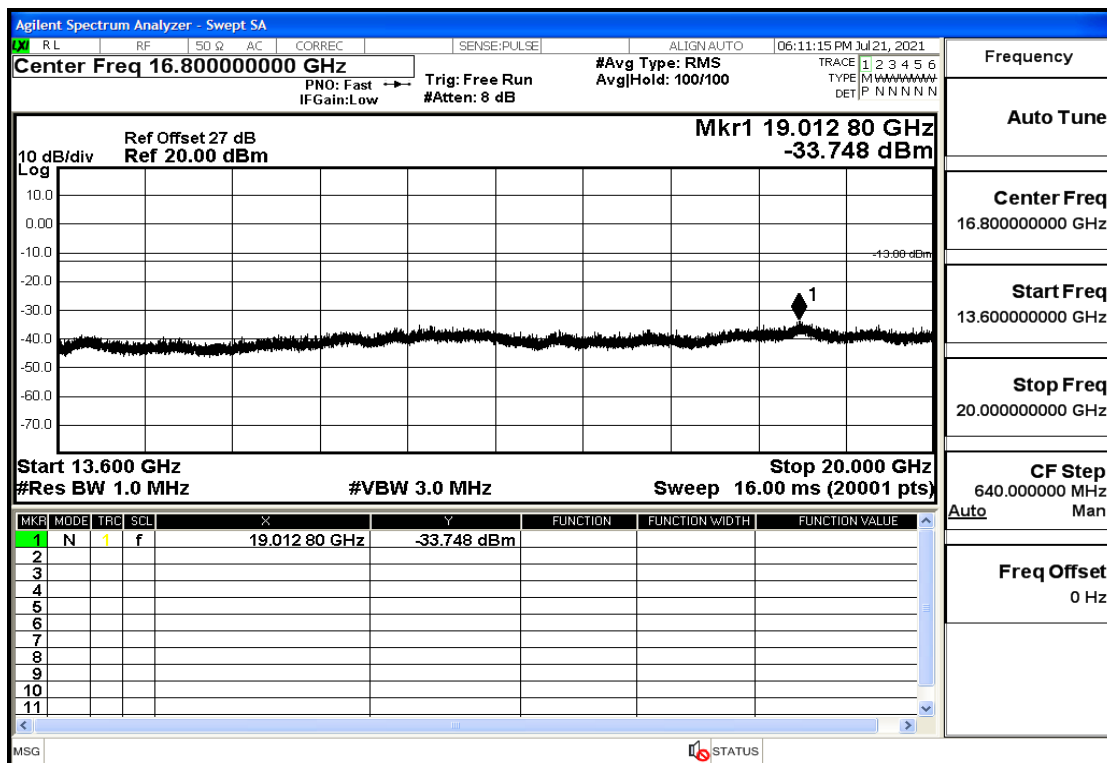
OB4-1.4-1710.7-QPSK-1#HIGH@1GHz-7GHz@Pass



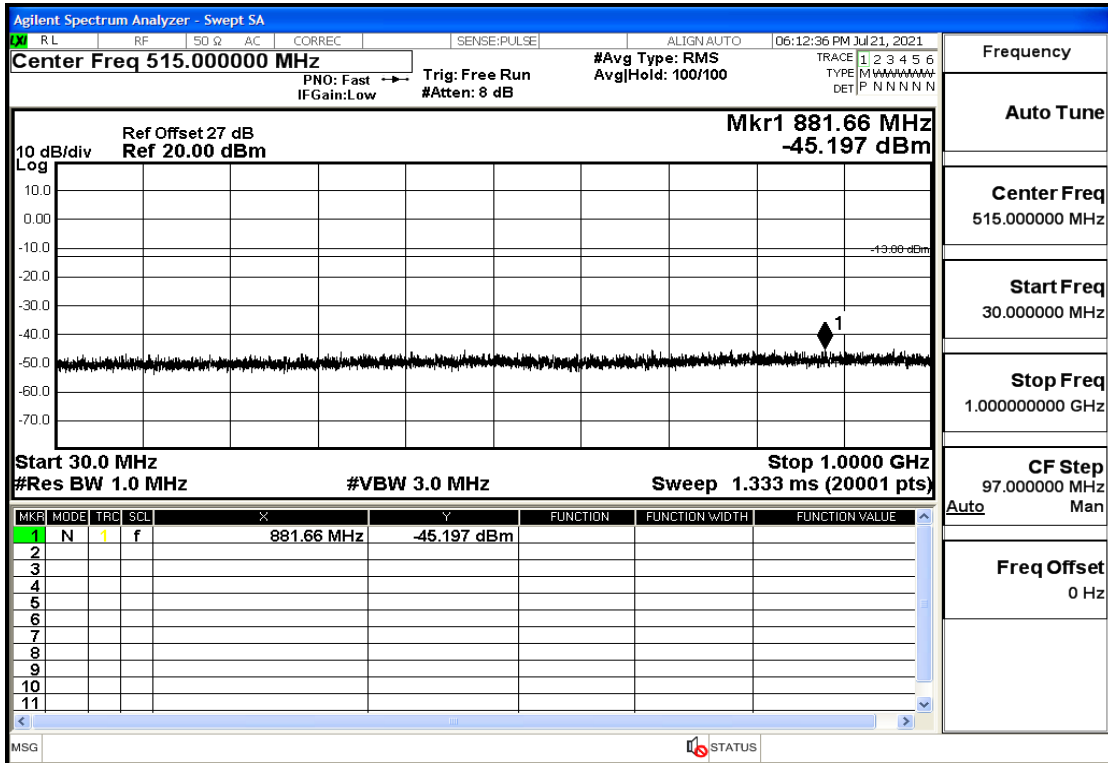
OB4-1.4-1710.7-QPSK-1#HIGH@7GHz-13.6GHz@Pass



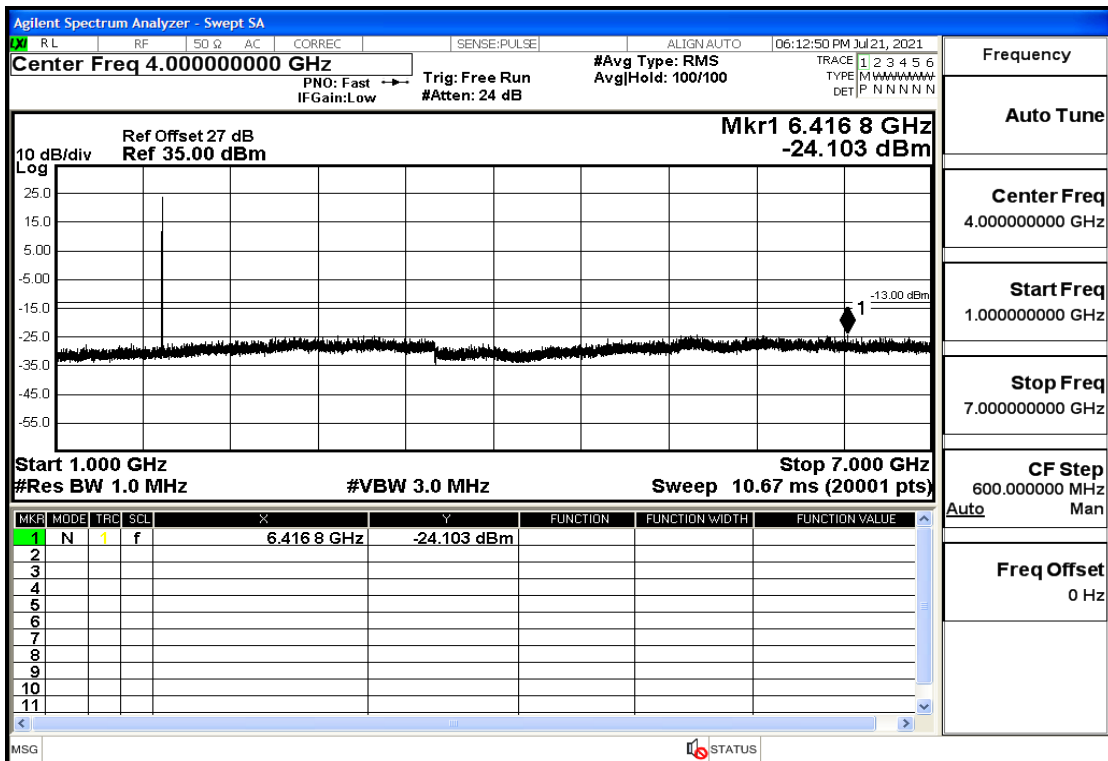
OB4-1.4-1710.7-QPSK-1#HIGH@13.6GHz-20GHz@Pass



OB4-1.4-1732.5-QPSK-6#LOW@30mHz-1GHz@Pass

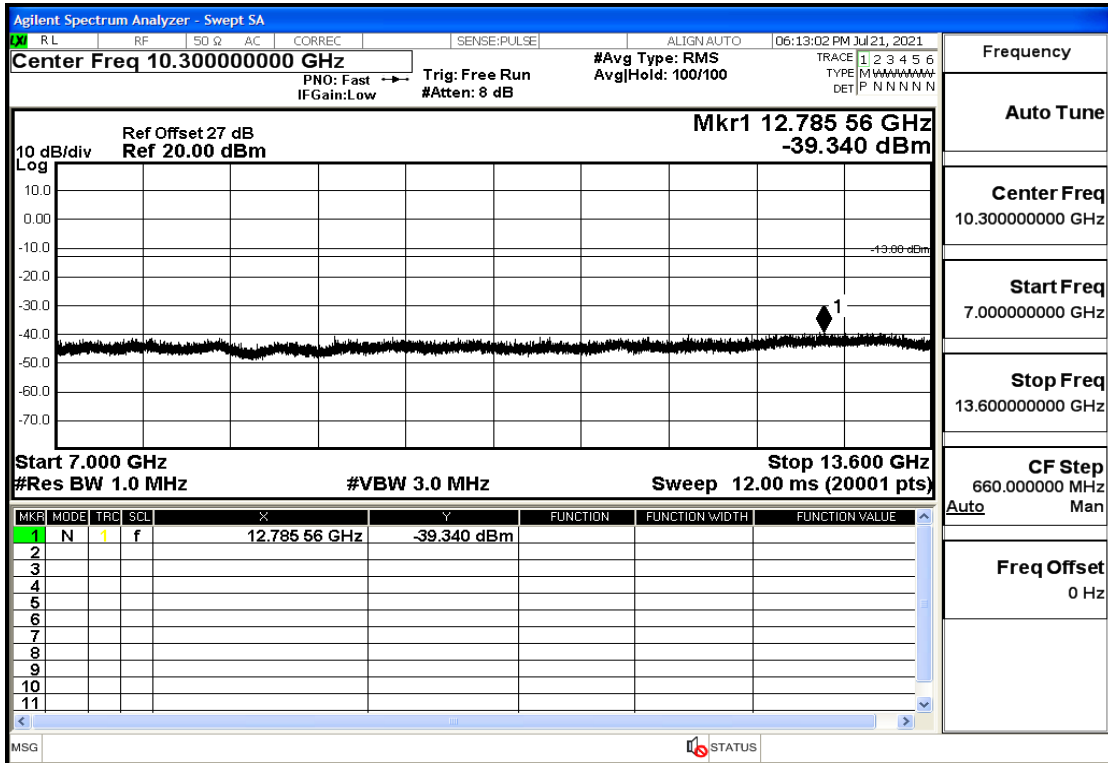


OB4-1.4-1732.5-QPSK-6#LOW@1GHz-7GHz@Pass

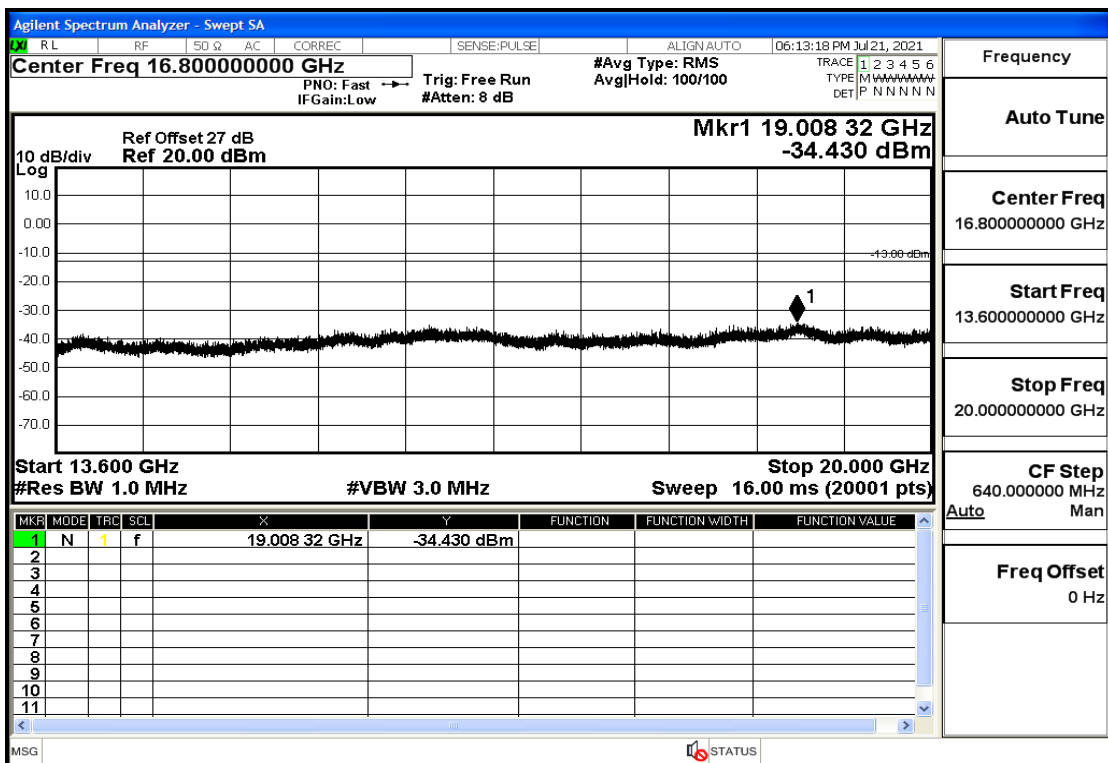




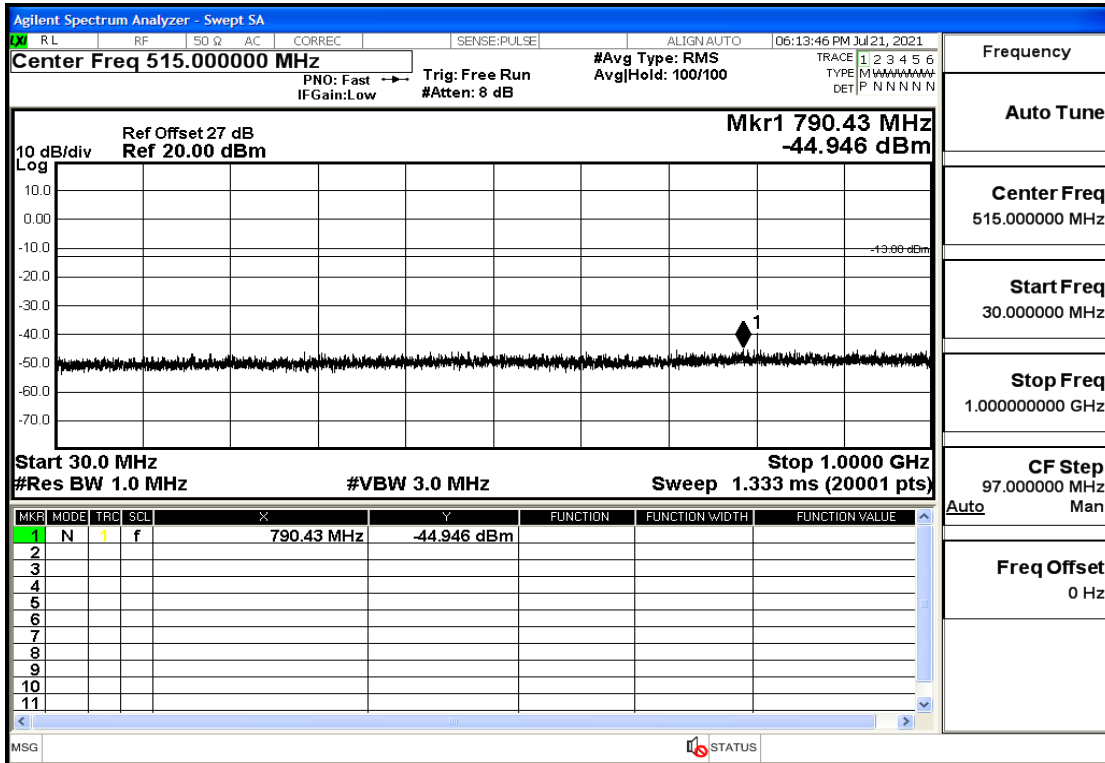
OB4-1.4-1732.5-QPSK-6#LOW@7GHz-13.6GHz@Pass



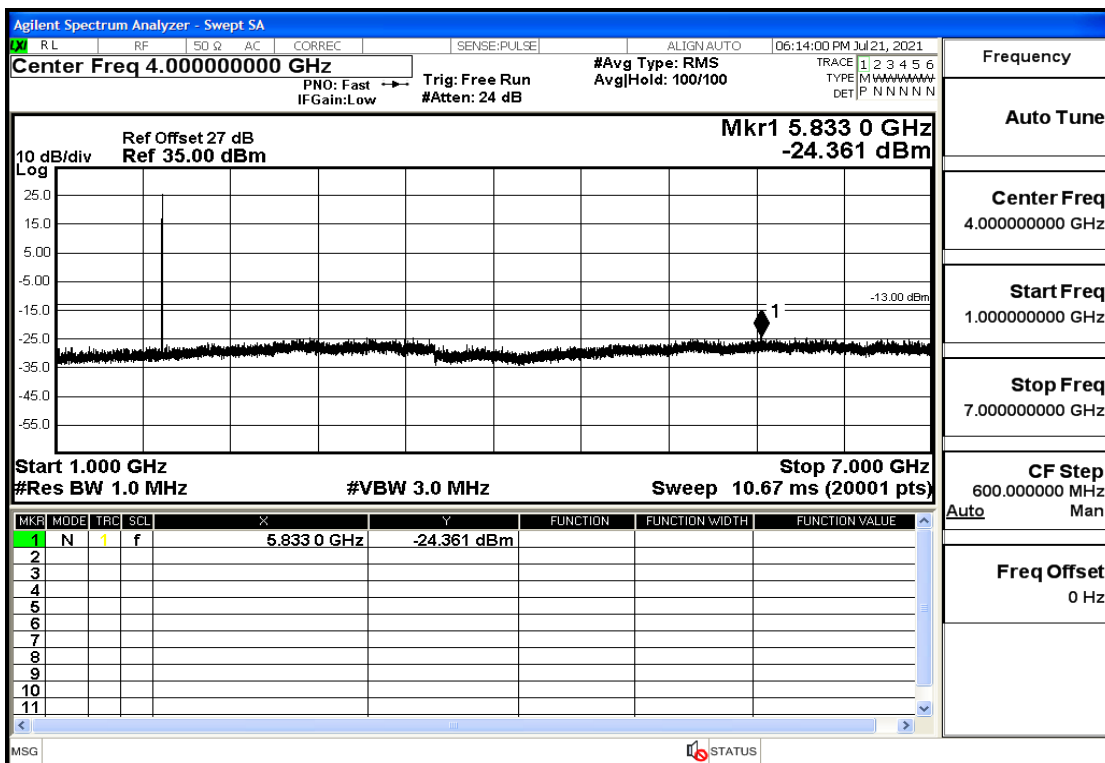
OB4-1.4-1732.5-QPSK-6#LOW@13.6GHz-20GHz@Pass



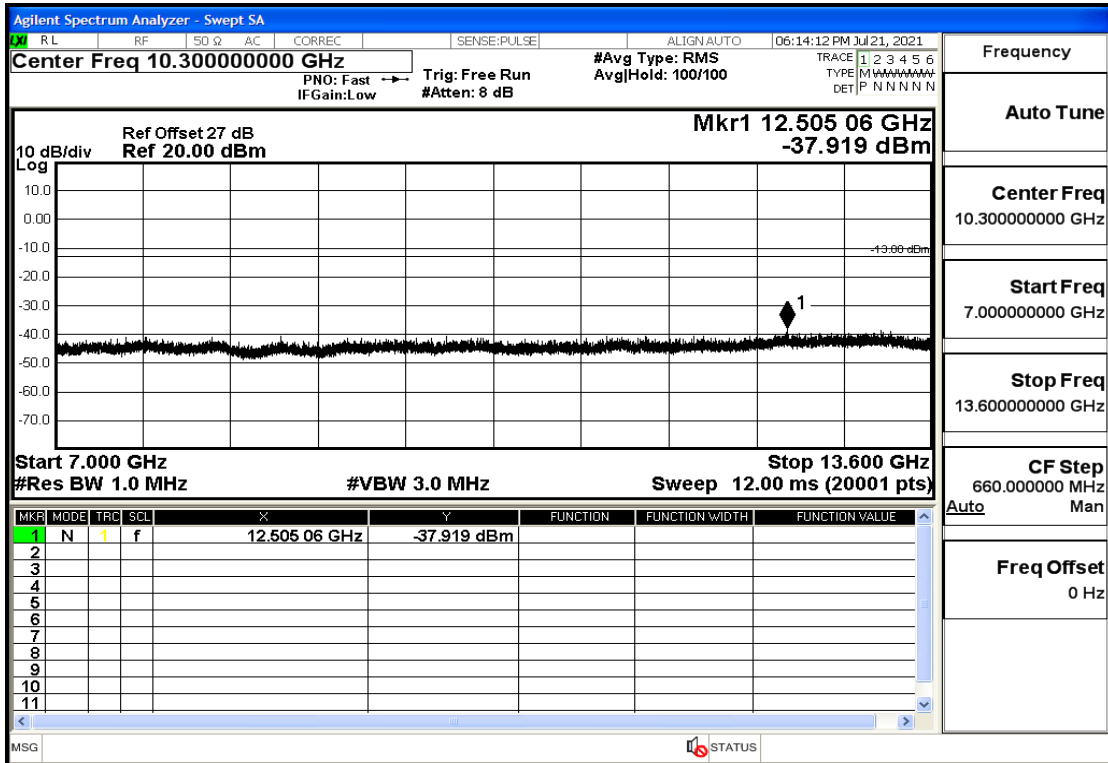
OB4-1.4-1732.5-QPSK-1#LOW@30mHz-1GHz@Pass



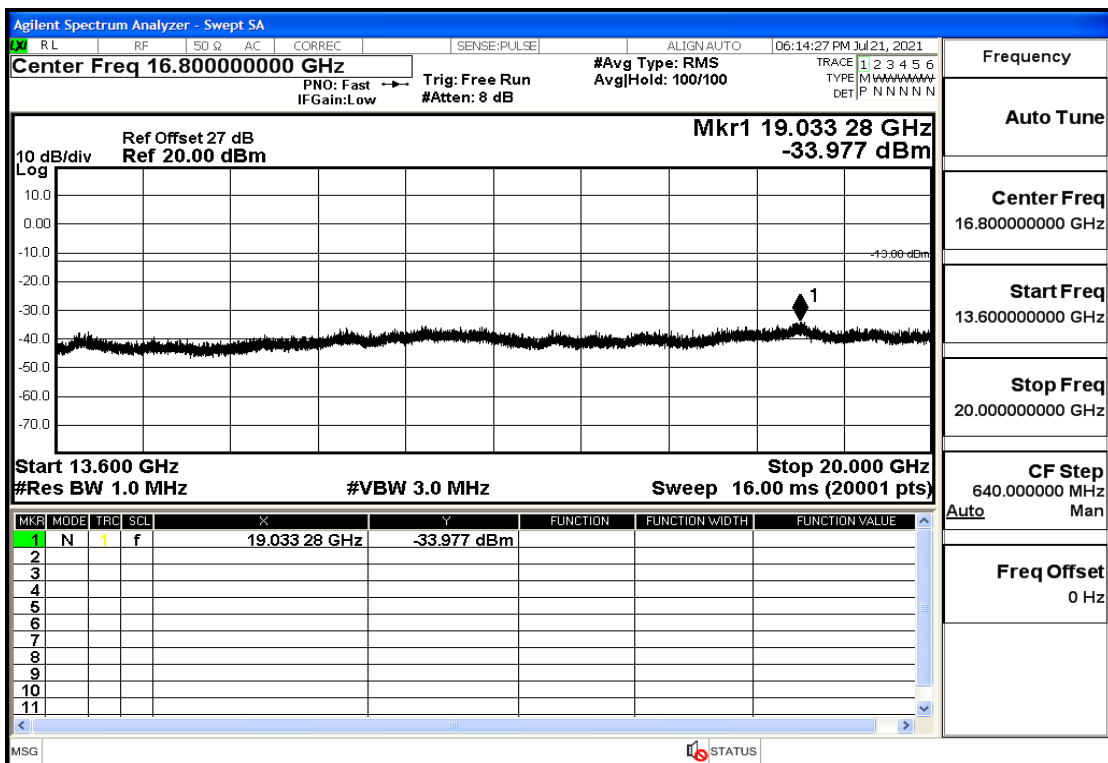
OB4-1.4-1732.5-QPSK-1#LOW@1GHz-7GHz@Pass



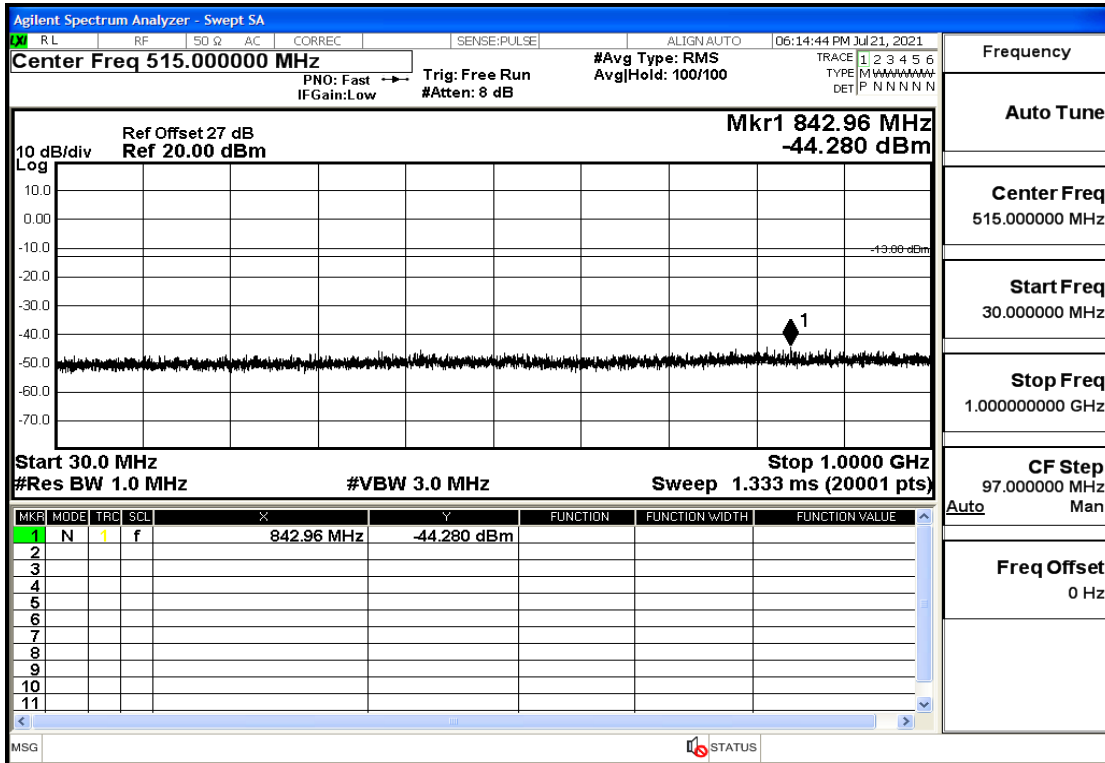
OB4-1.4-1732.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



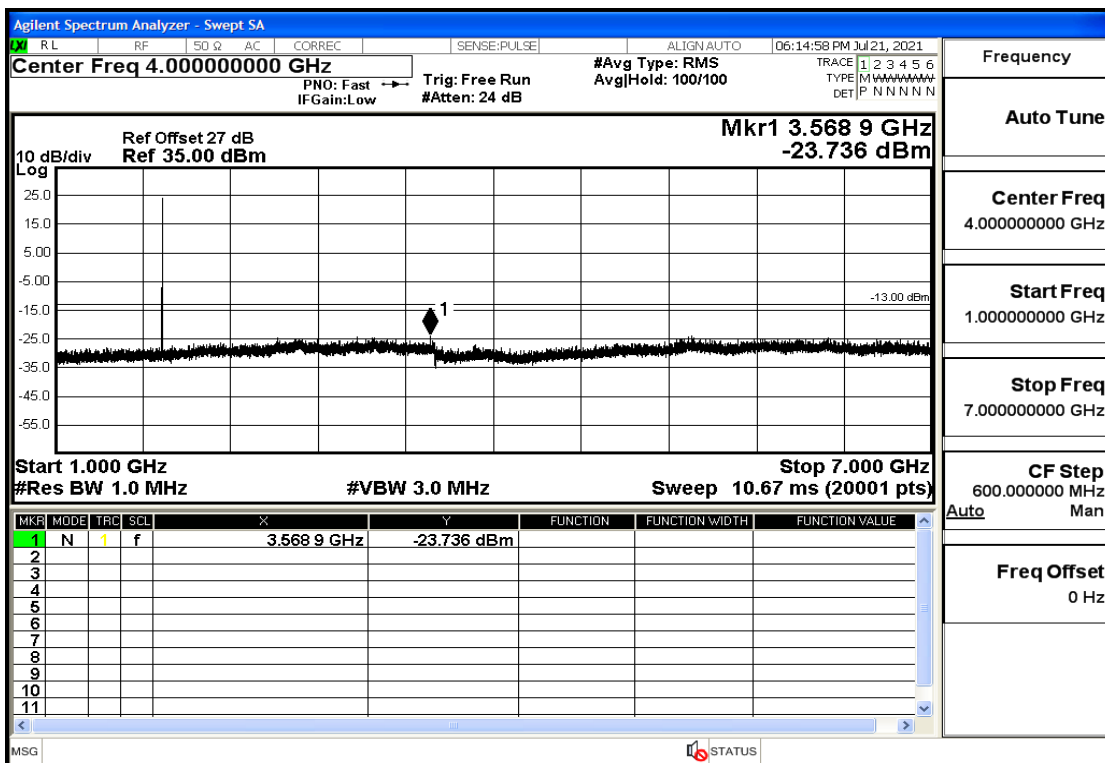
OB4-1.4-1732.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



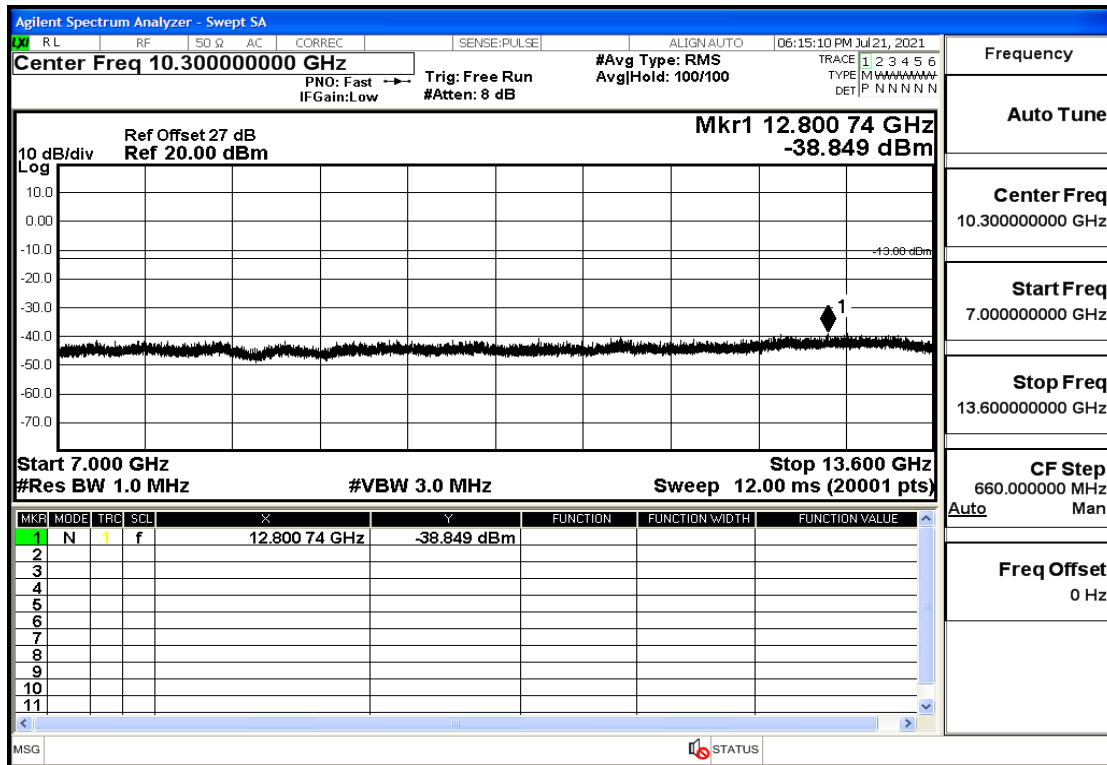
OB4-1.4-1732.5-QPSK-1#HIGH@30mHz-1GHz@Pass



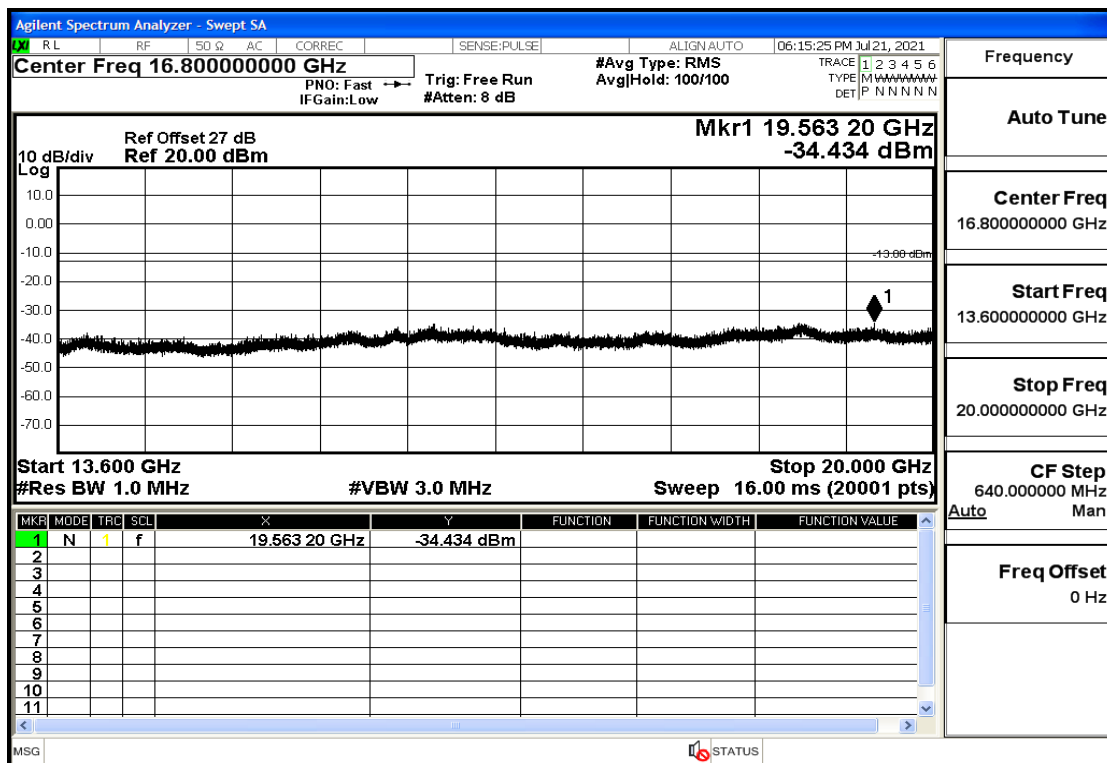
OB4-1.4-1732.5-QPSK-1#HIGH@1GHz-7GHz@Pass



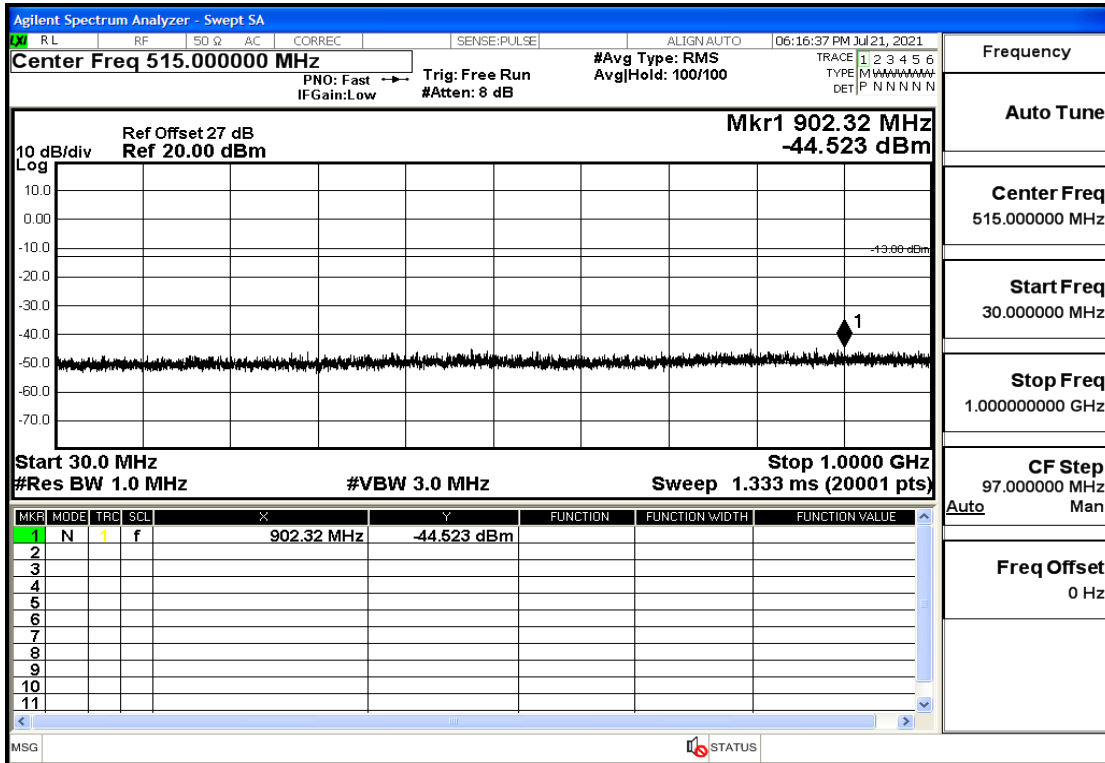
OB4-1.4-1732.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



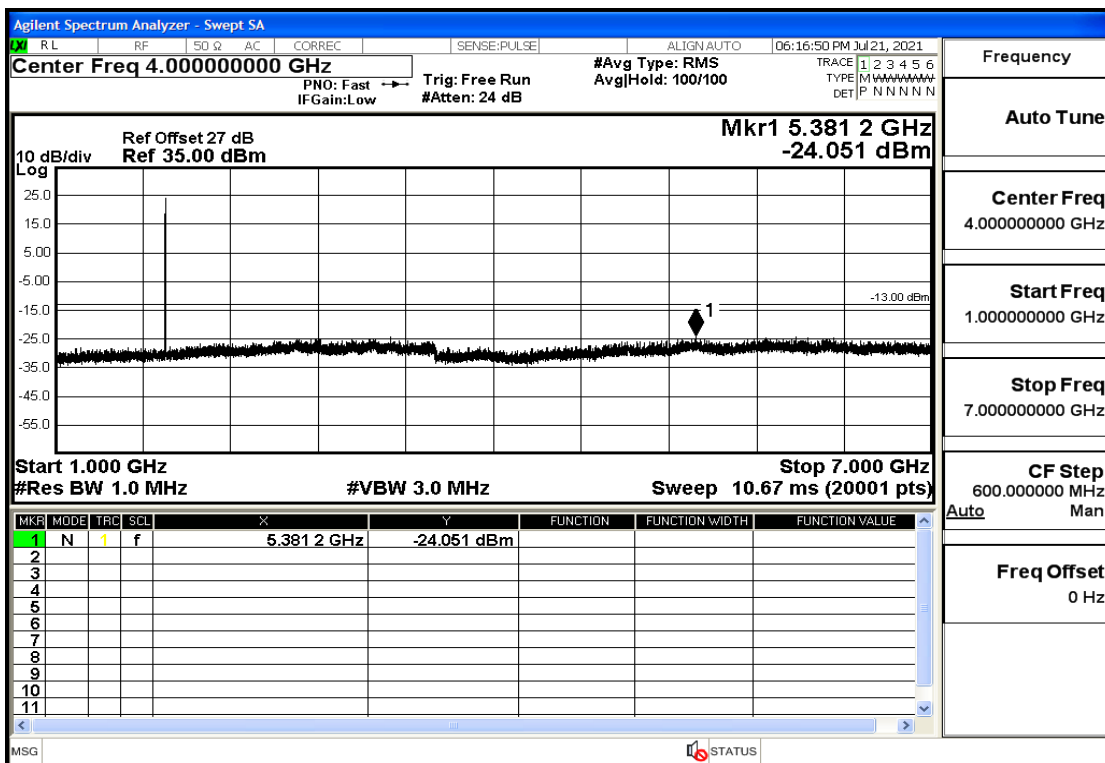
OB4-1.4-1732.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



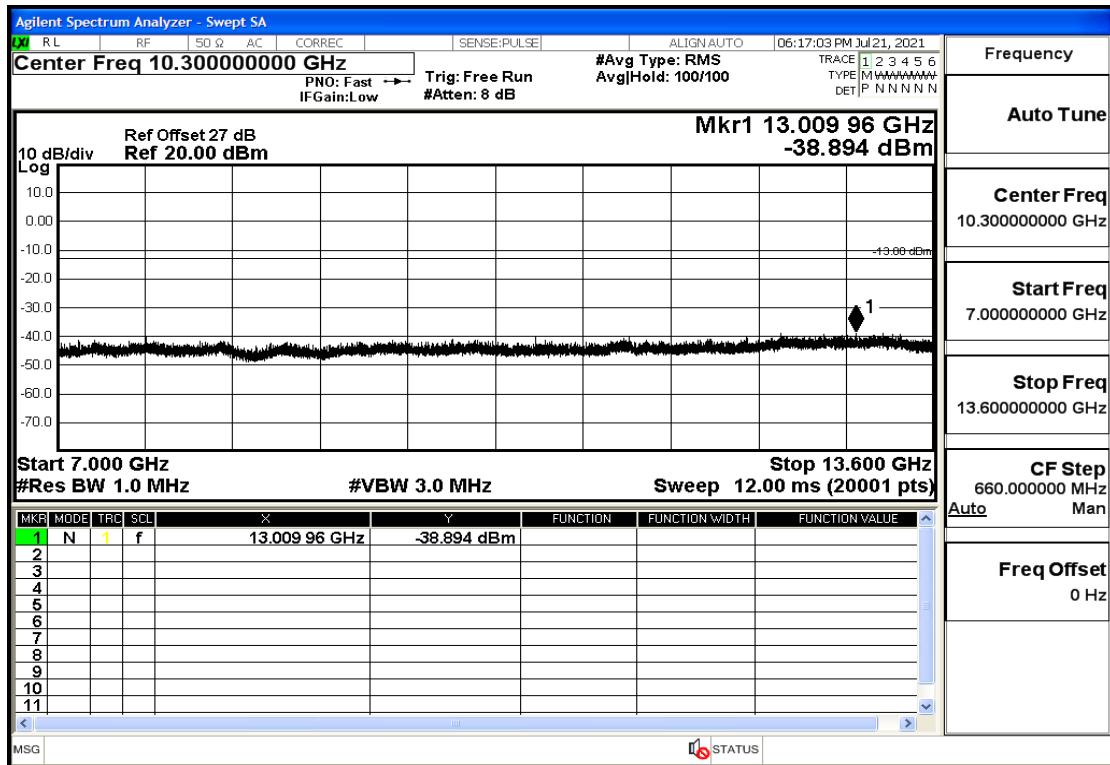
OB4-1.4-1754.3-QPSK-6#LOW@30mHz-1GHz@Pass



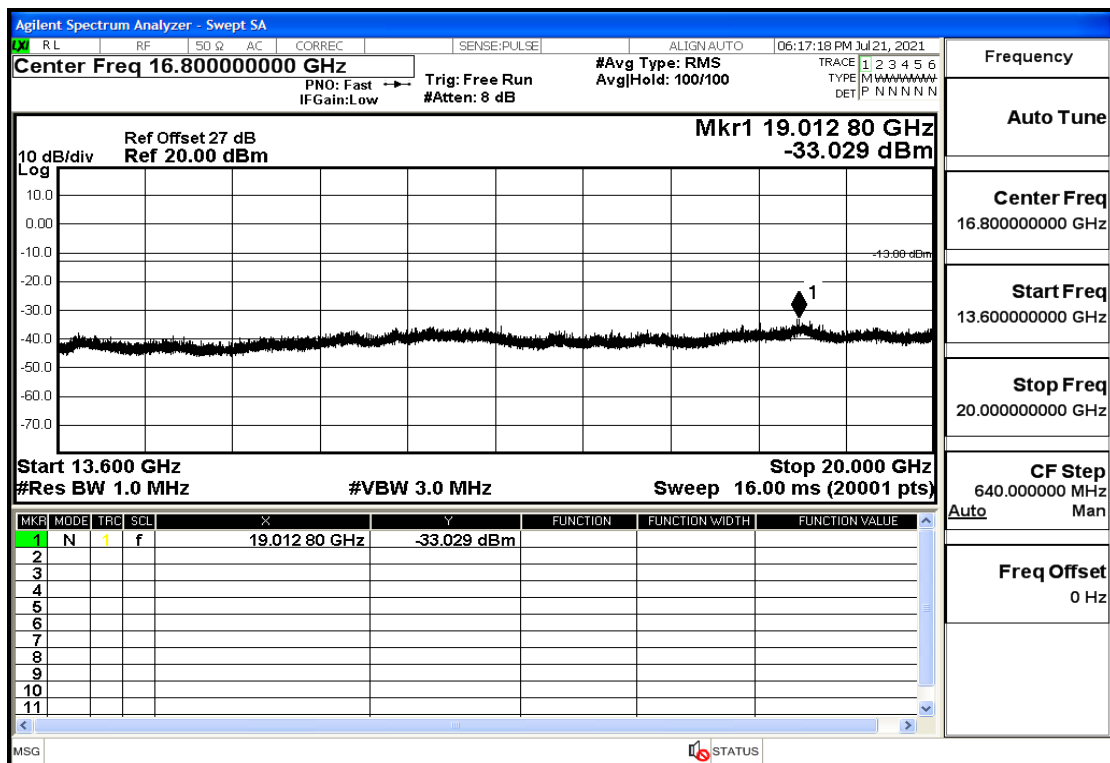
OB4-1.4-1754.3-QPSK-6#LOW@1GHz-7GHz@Pass



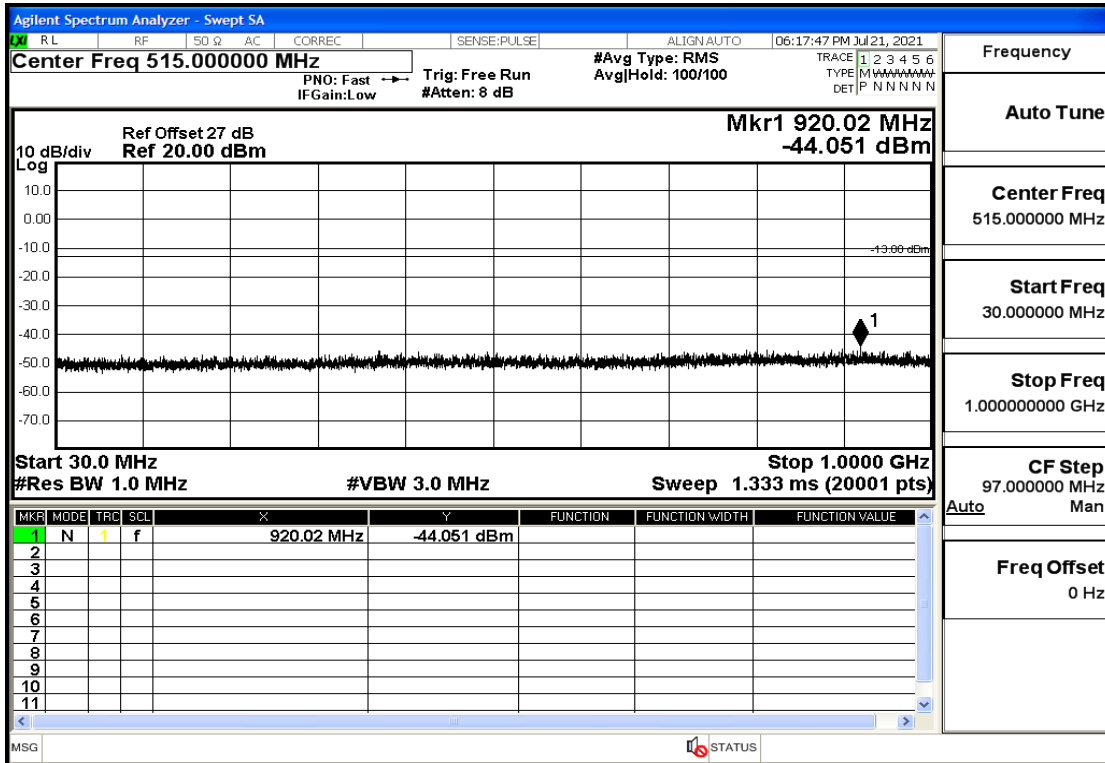
OB4-1.4-1754.3-QPSK-6#LOW@7GHz-13.6GHz@Pass



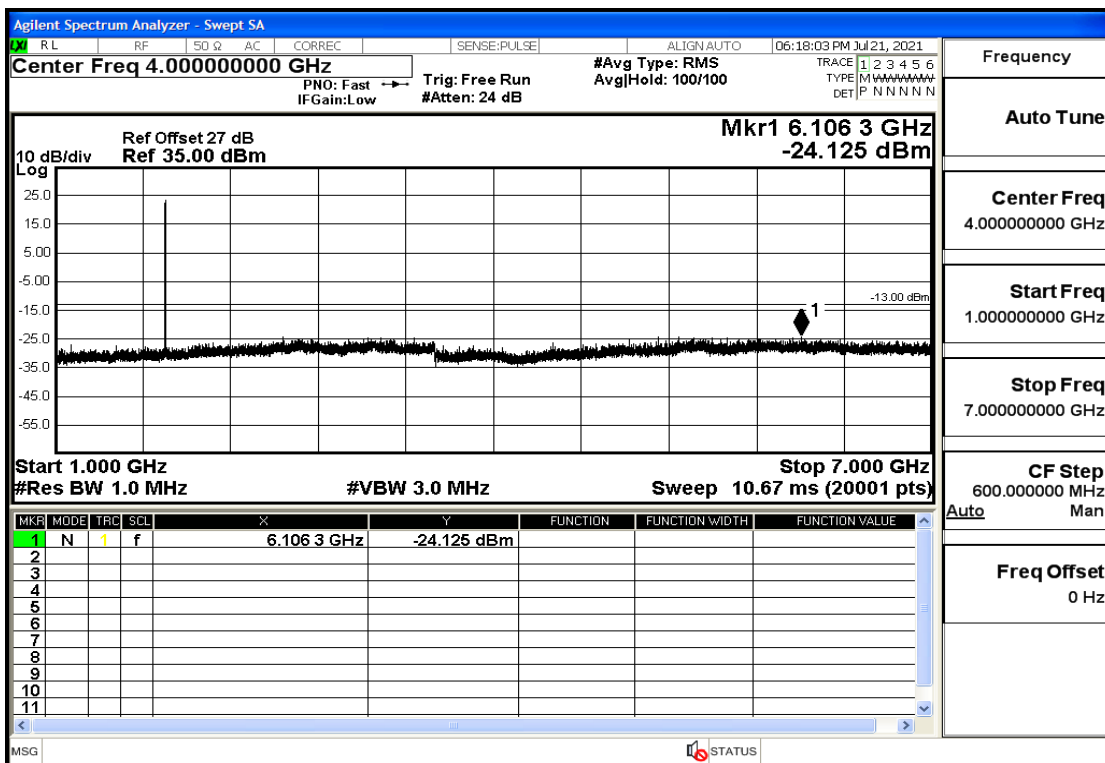
OB4-1.4-1754.3-QPSK-6#LOW@13.6GHz-20GHz@Pass



OB4-1.4-1754.3-QPSK-1#LOW@30mHz-1GHz@Pass

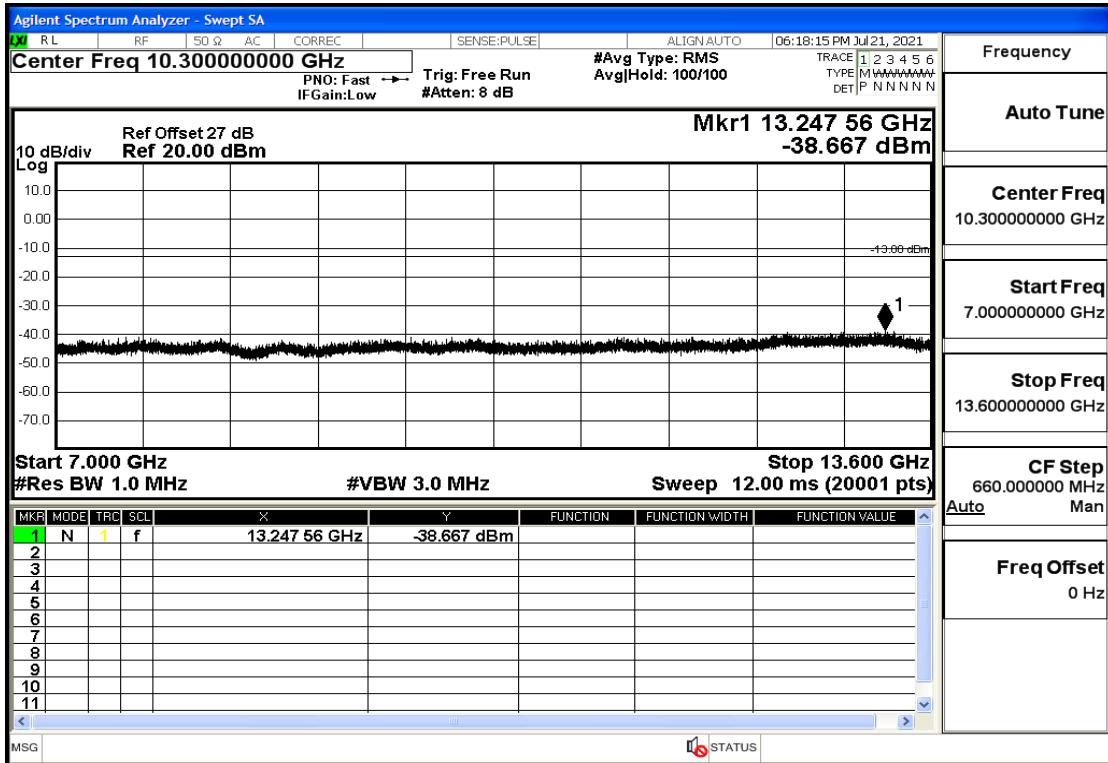


OB4-1.4-1754.3-QPSK-1#LOW@1GHz-7GHz@Pass

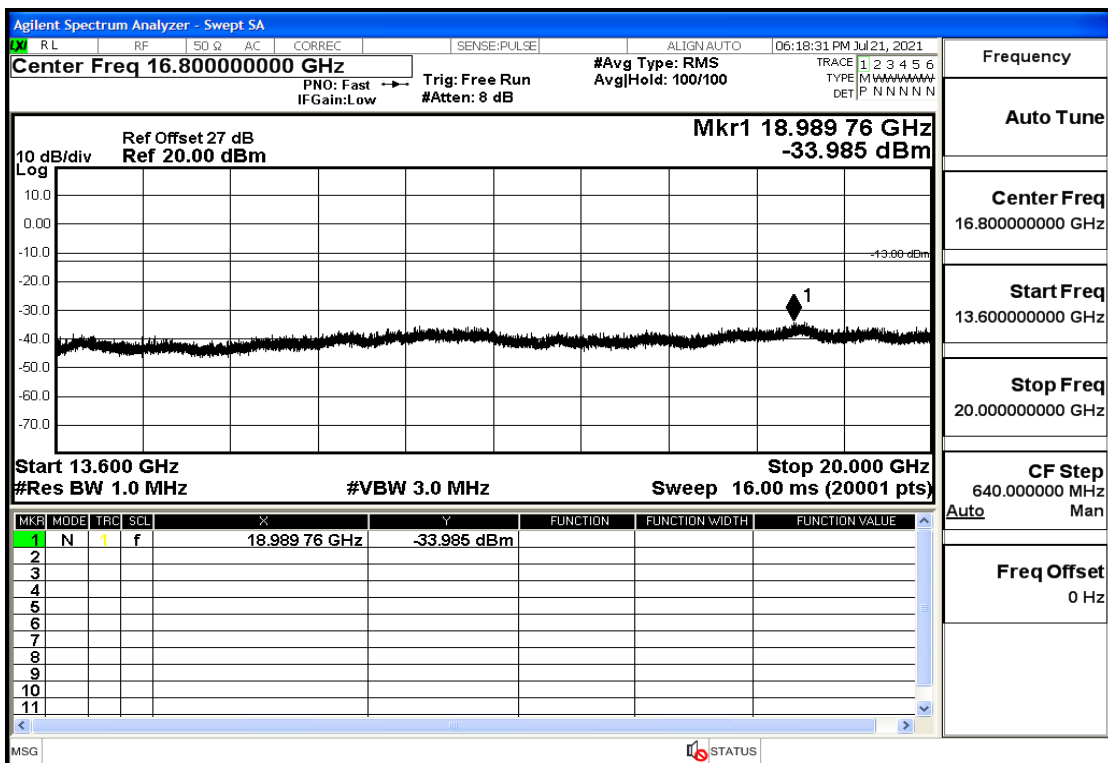




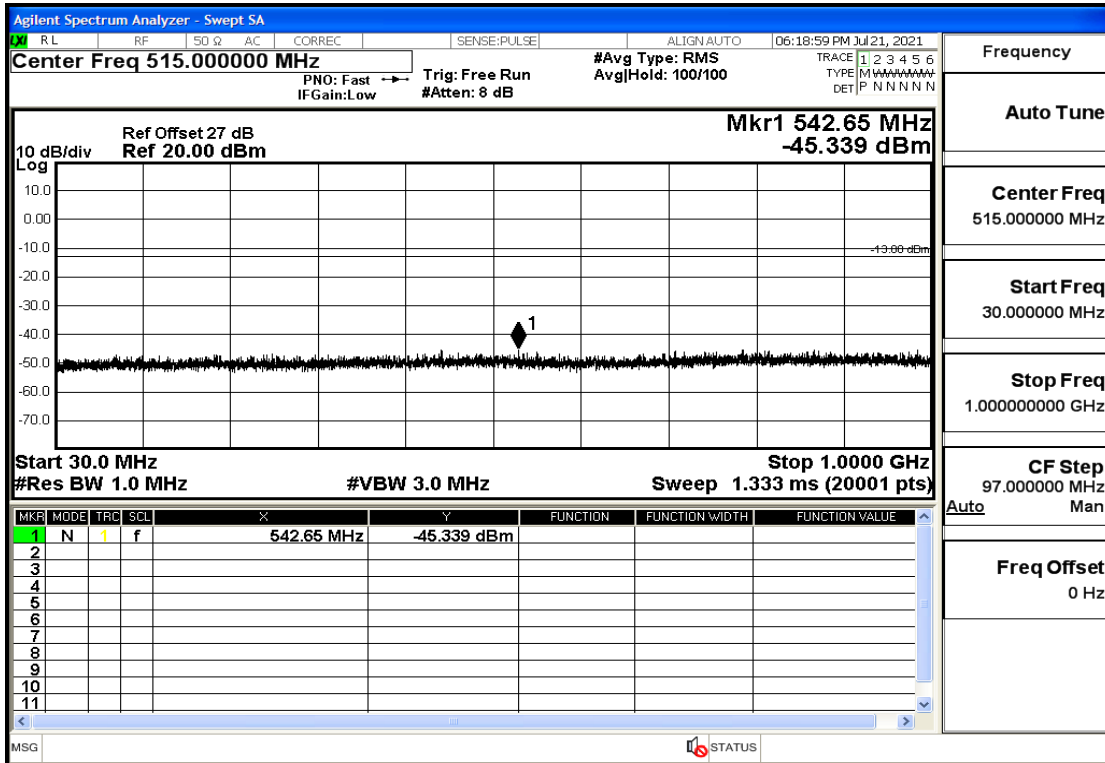
OB4-1.4-1754.3-QPSK-1#LOW@7GHz-13.6GHz@Pass



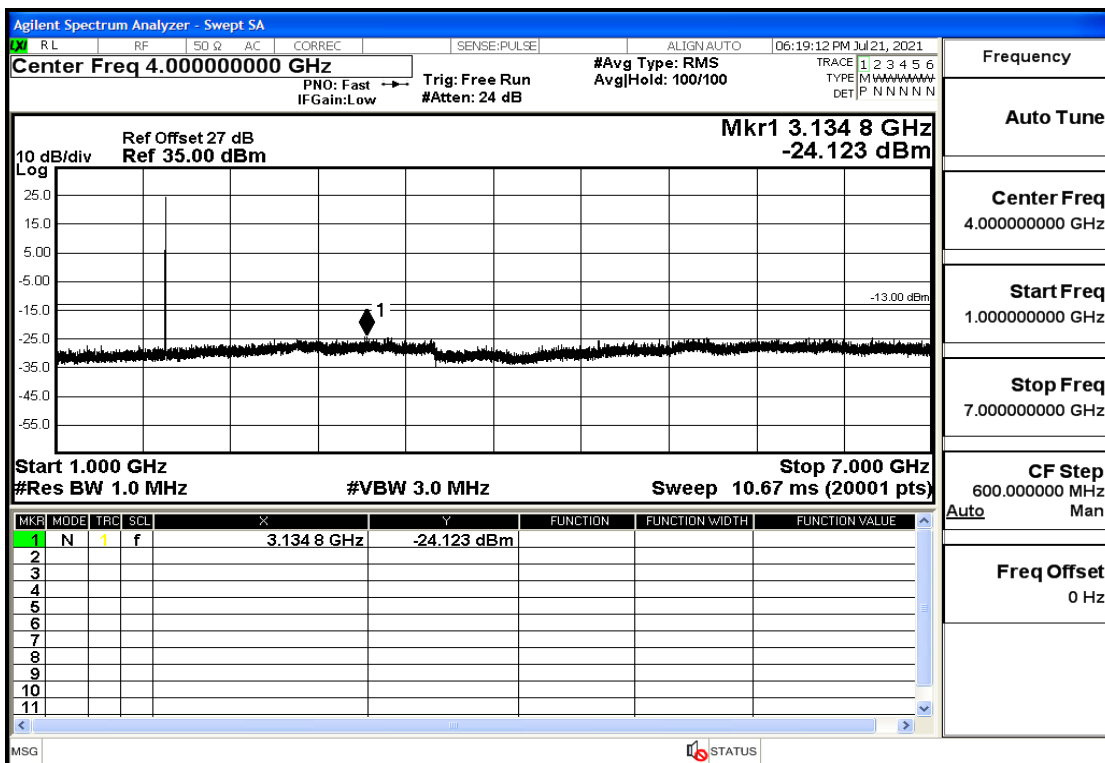
OB4-1.4-1754.3-QPSK-1#LOW@13.6GHz-20GHz@Pass



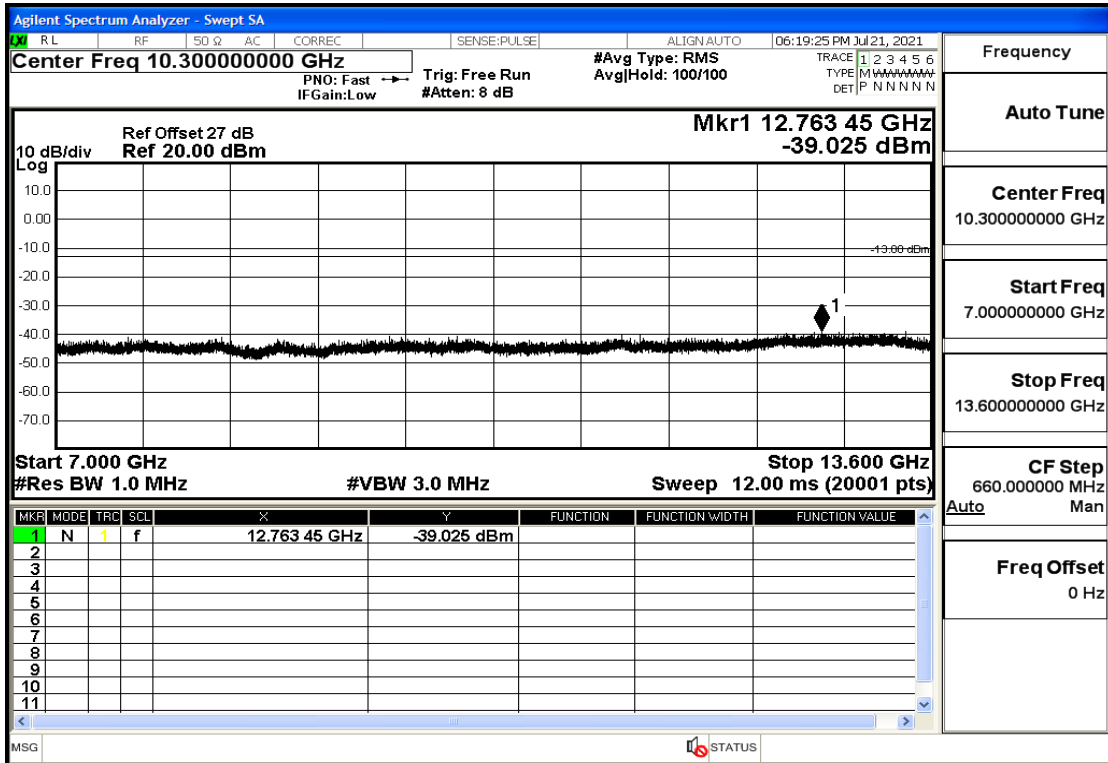
OB4-1.4-1754.3-QPSK-1#HIGH@30mHz-1GHz@Pass



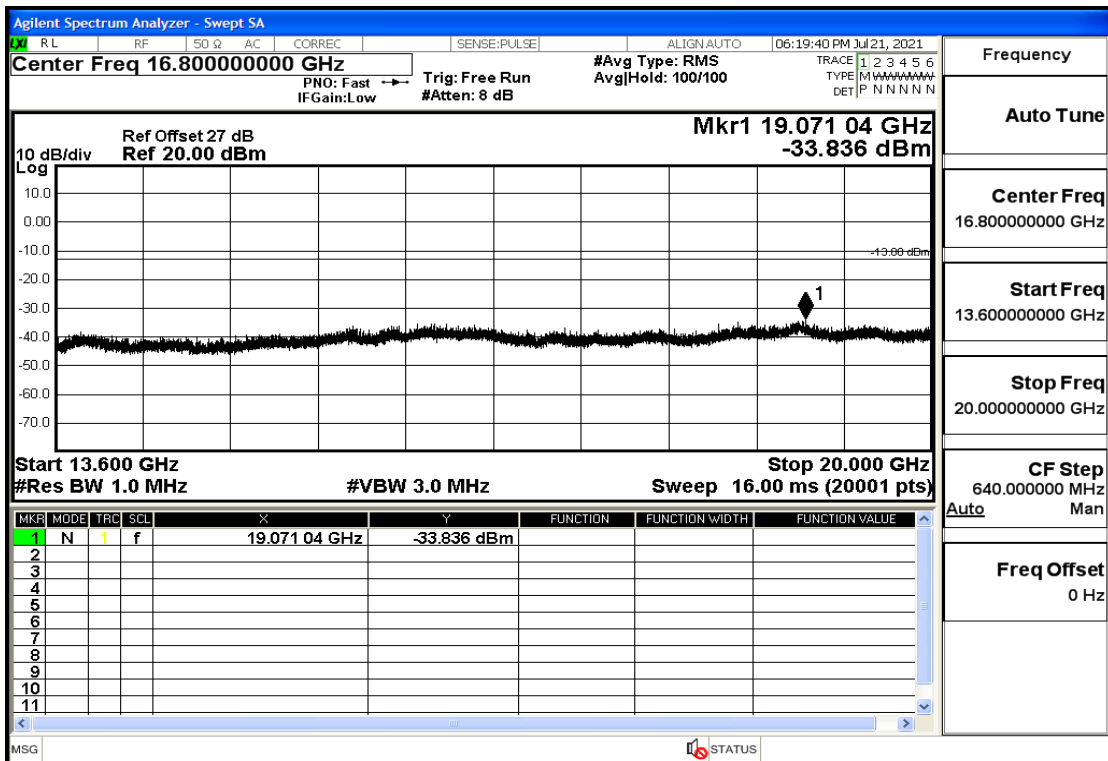
OB4-1.4-1754.3-QPSK-1#HIGH@1GHz-7GHz@Pass



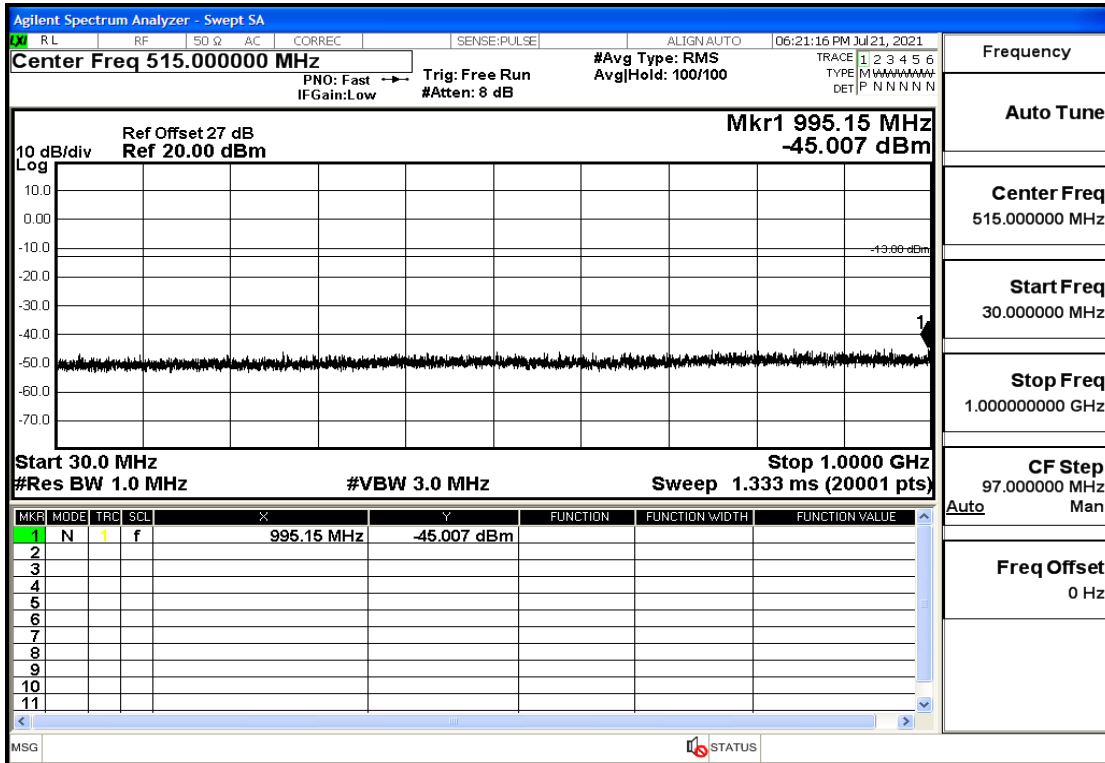
OB4-1.4-1754.3-QPSK-1#HIGH@7GHz-13.6GHz@Pass



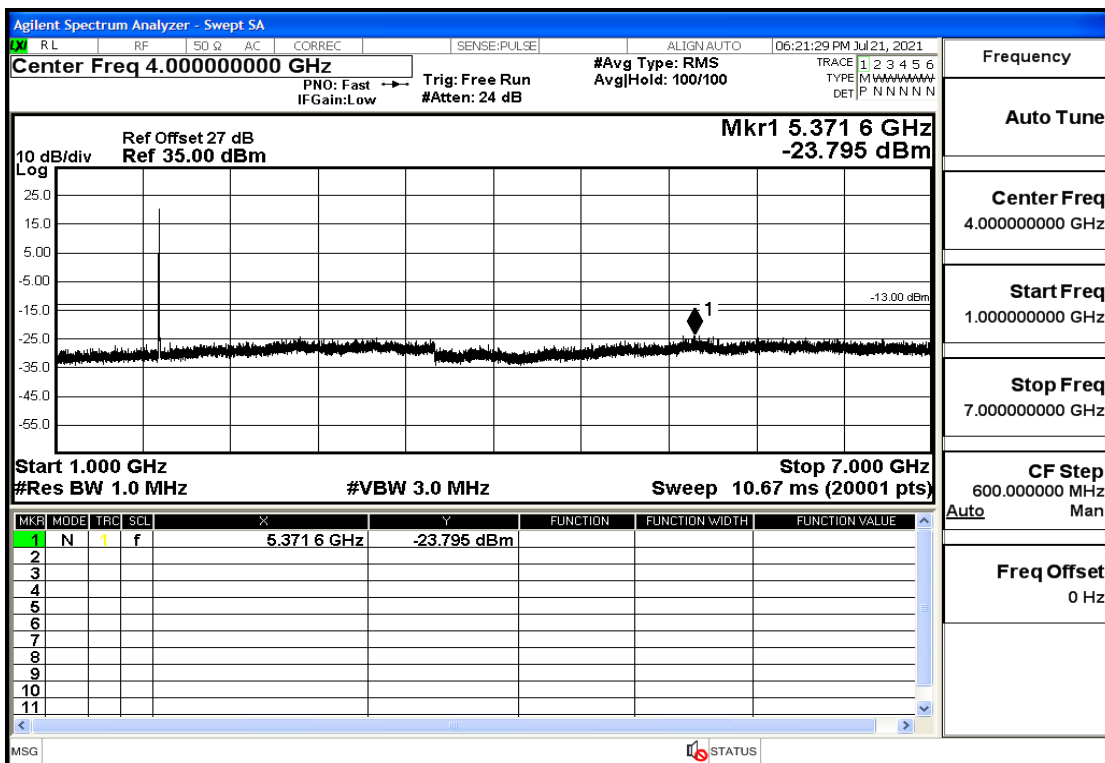
OB4-1.4-1754.3-QPSK-1#HIGH@13.6GHz-20GHz@Pass



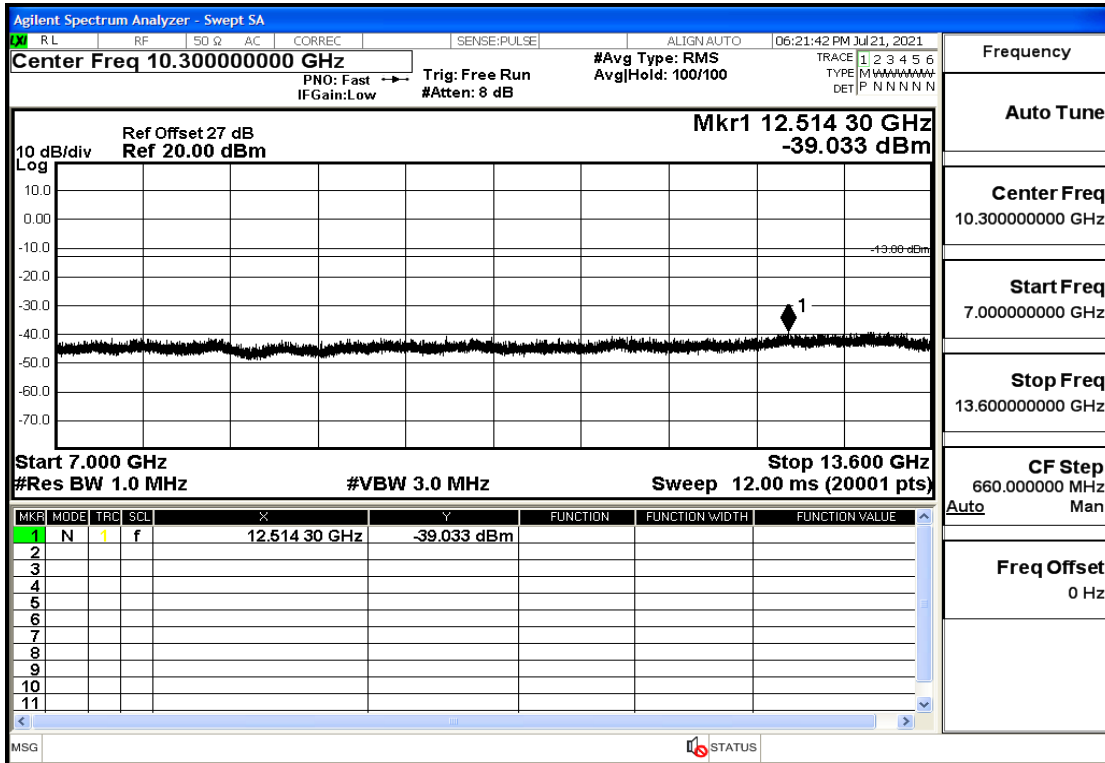
OB4-3-1711.5-QPSK-15#LOW@30mHz-1GHz@Pass



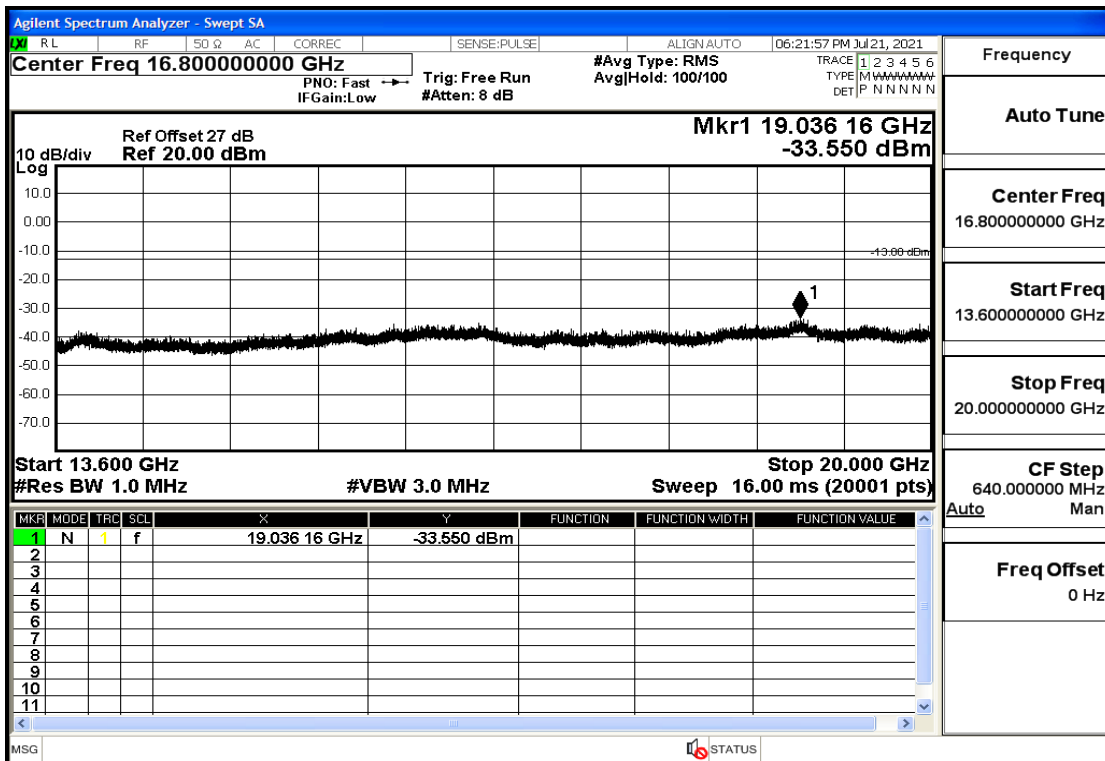
OB4-3-1711.5-QPSK-15#LOW@1GHz-7GHz@Pass



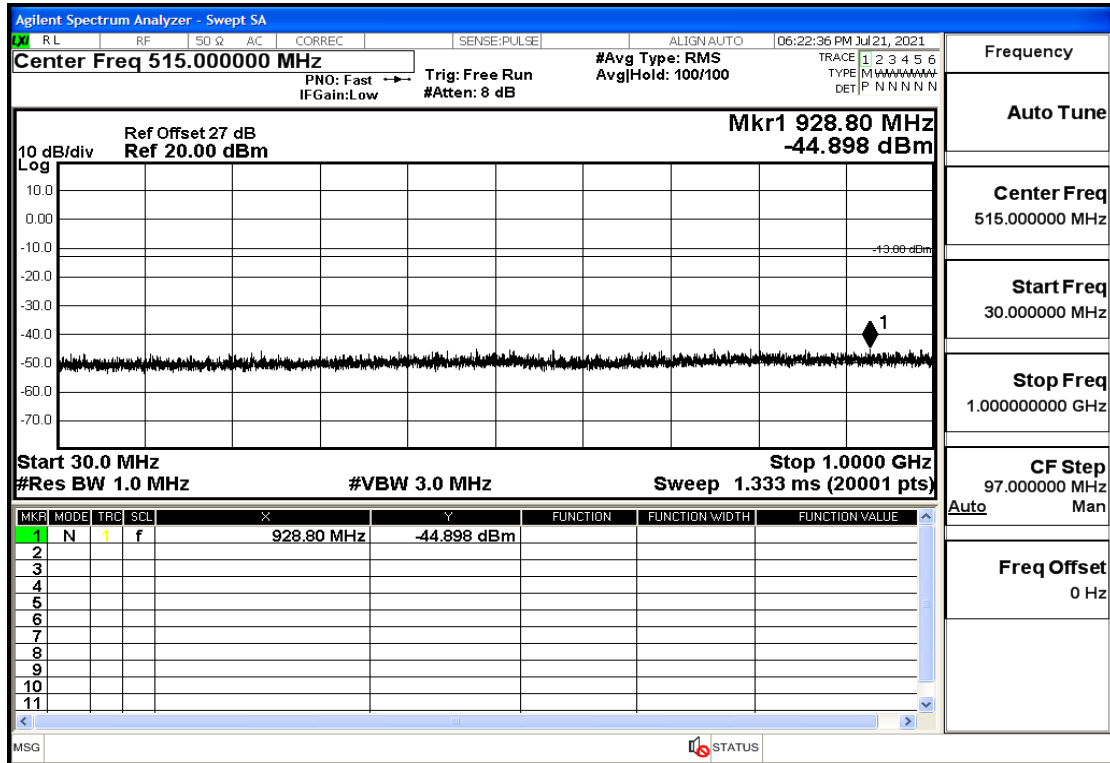
OB4-3-1711.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



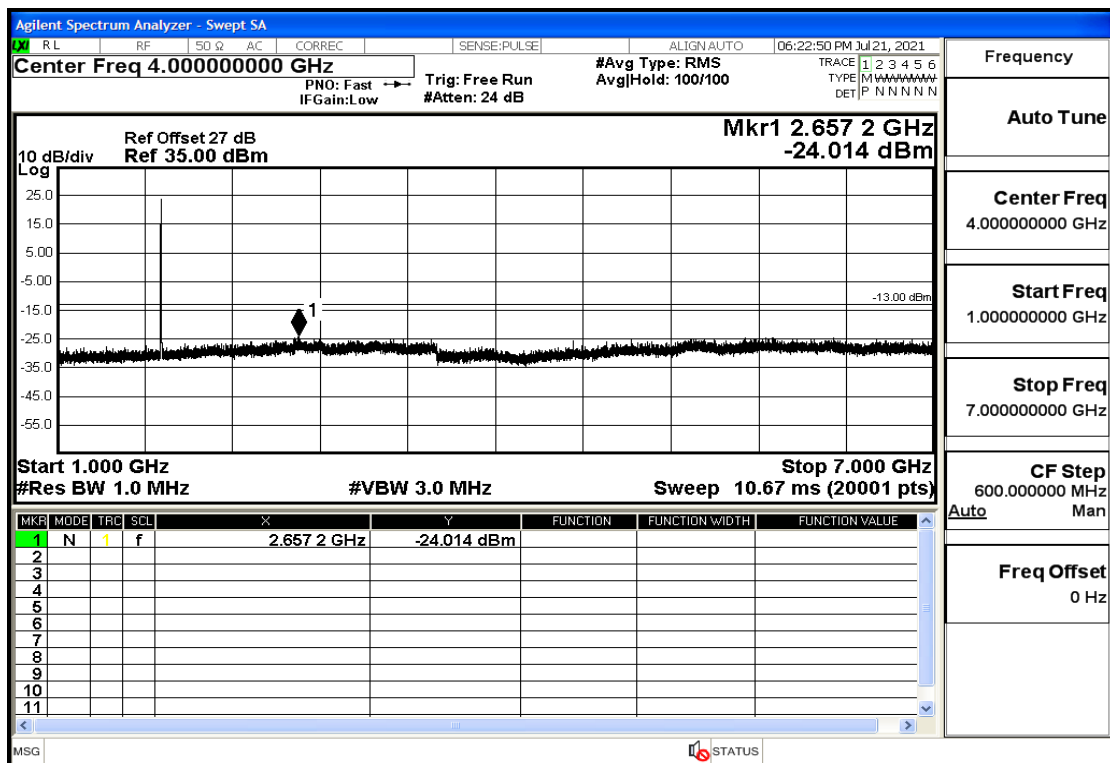
OB4-3-1711.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



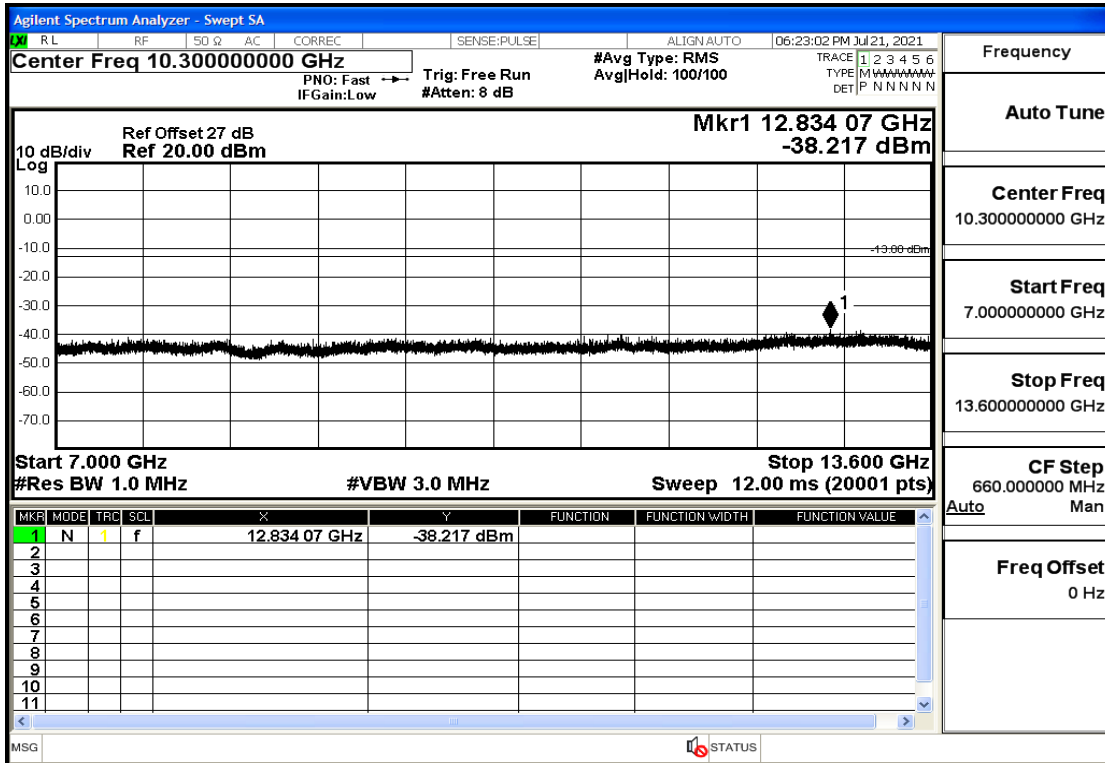
OB4-3-1711.5-QPSK-1#LOW@30mHz-1GHz@Pass



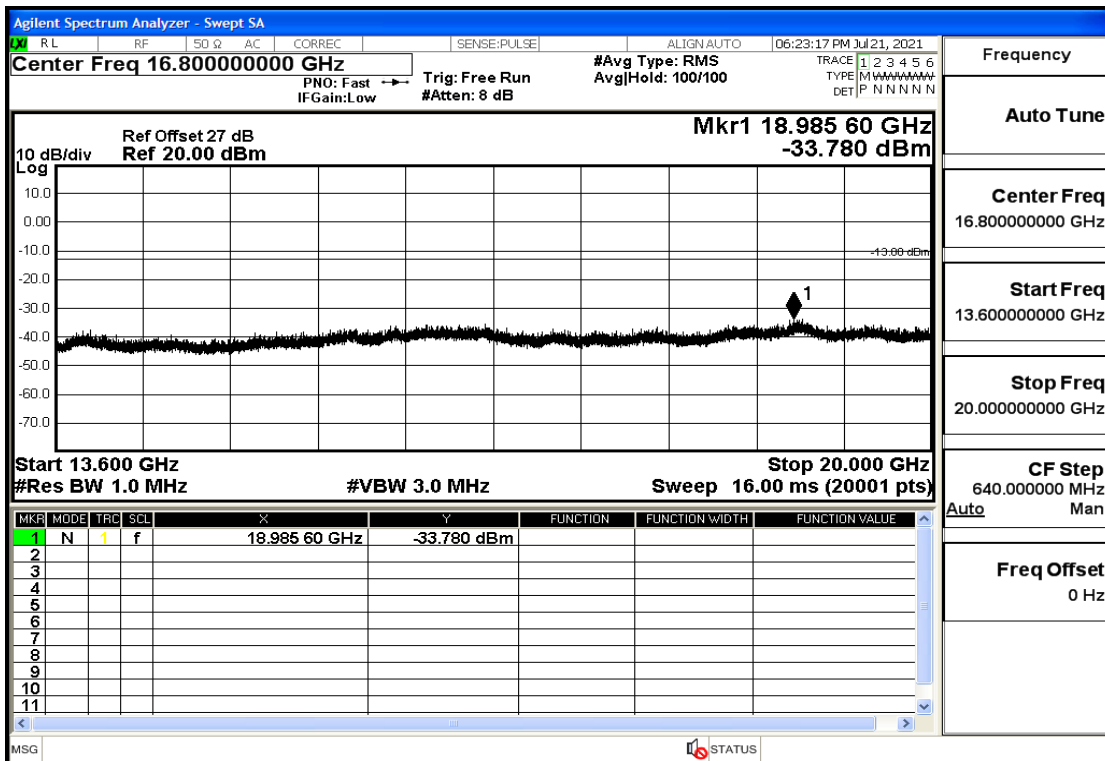
OB4-3-1711.5-QPSK-1#LOW@1GHz-7GHz@Pass



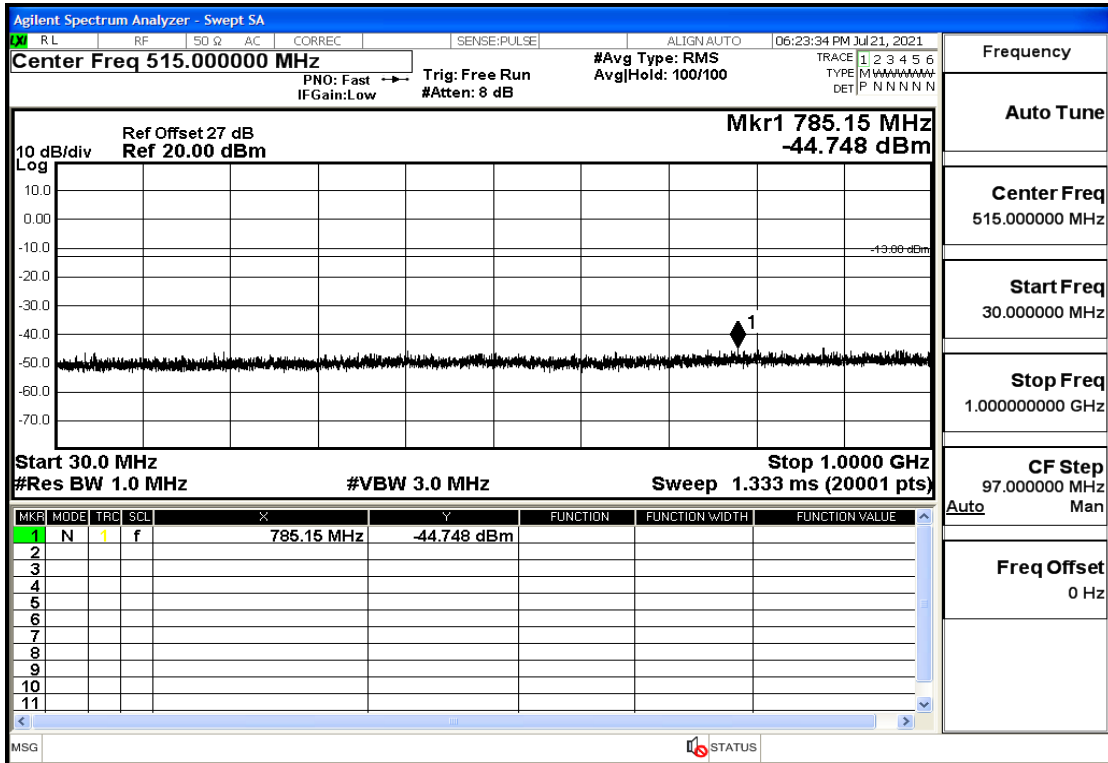
OB4-3-1711.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



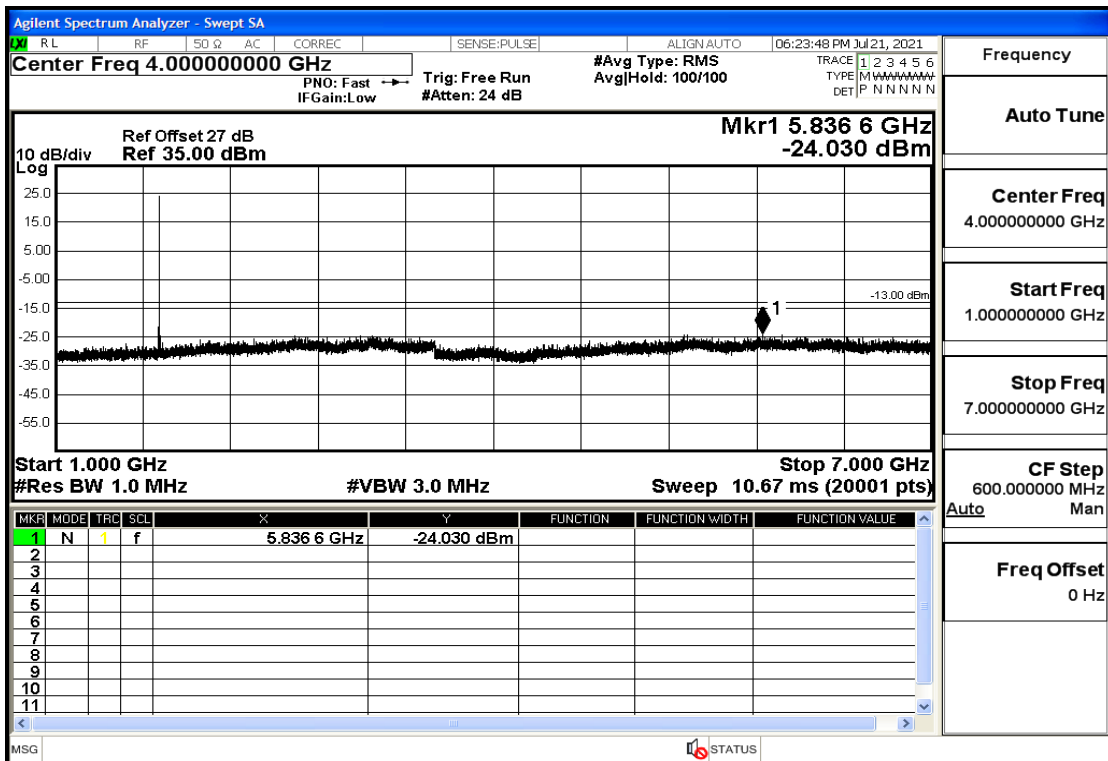
OB4-3-1711.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



OB4-3-1711.5-QPSK-1#HIGH@30mHz-1GHz@Pass

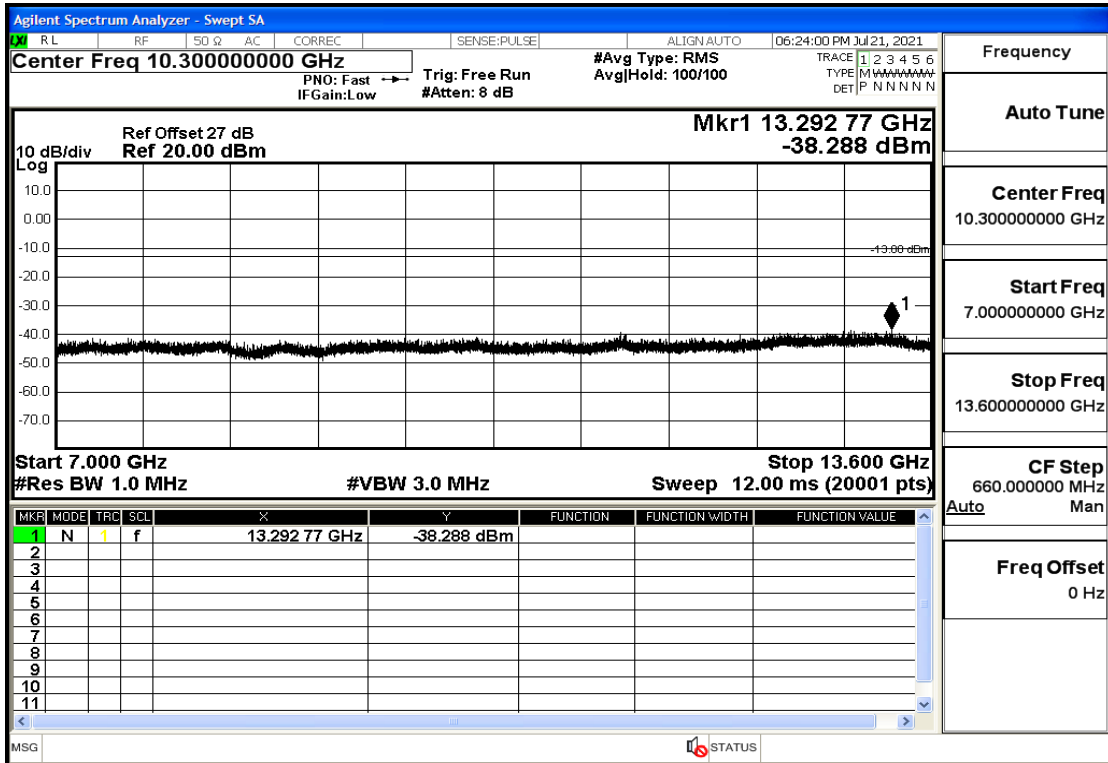


OB4-3-1711.5-QPSK-1#HIGH@1GHz-7GHz@Pass

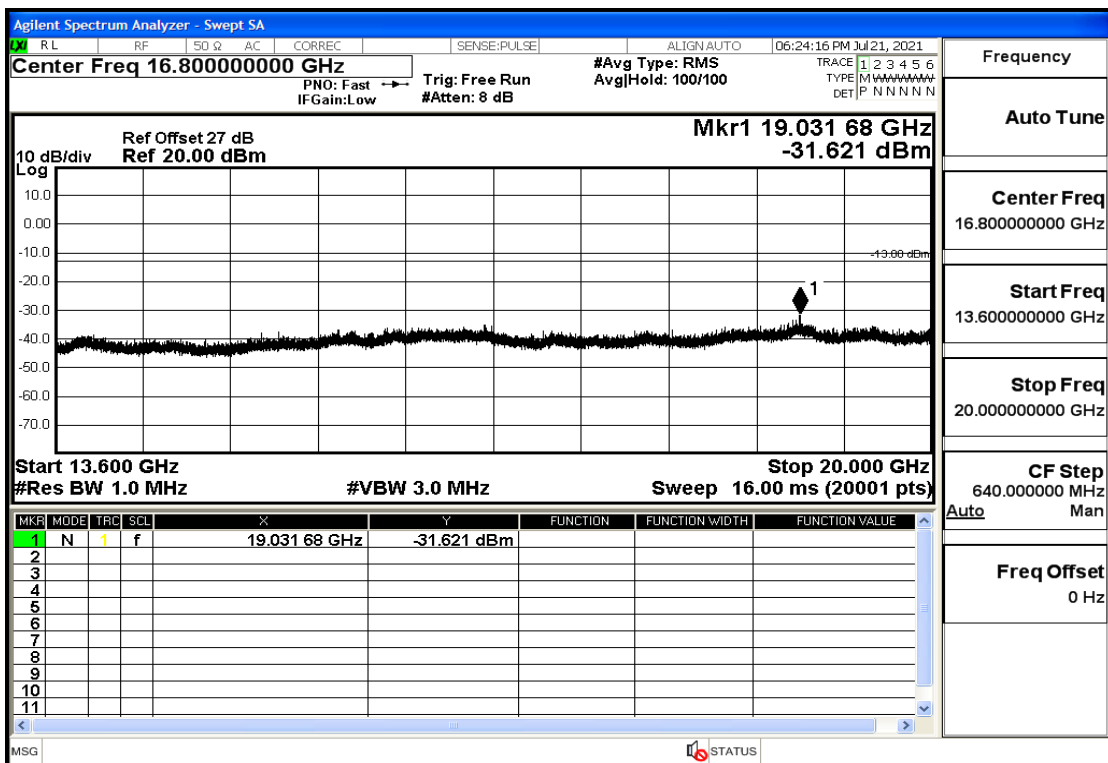




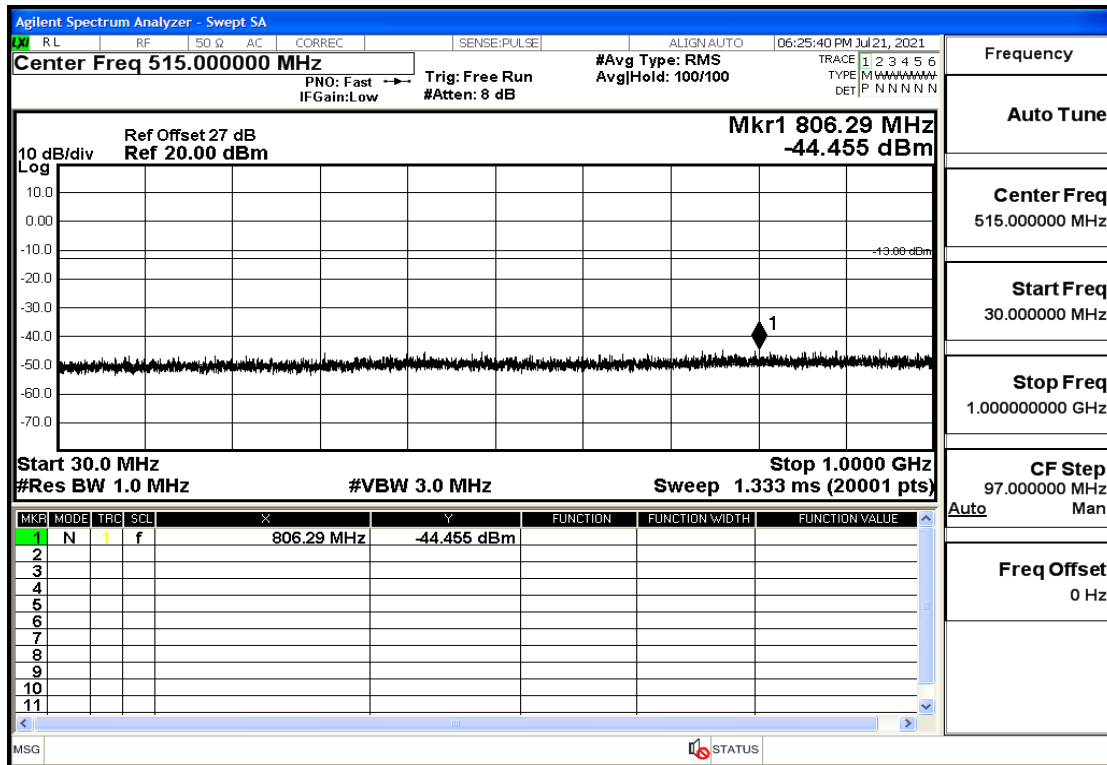
OB4-3-1711.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



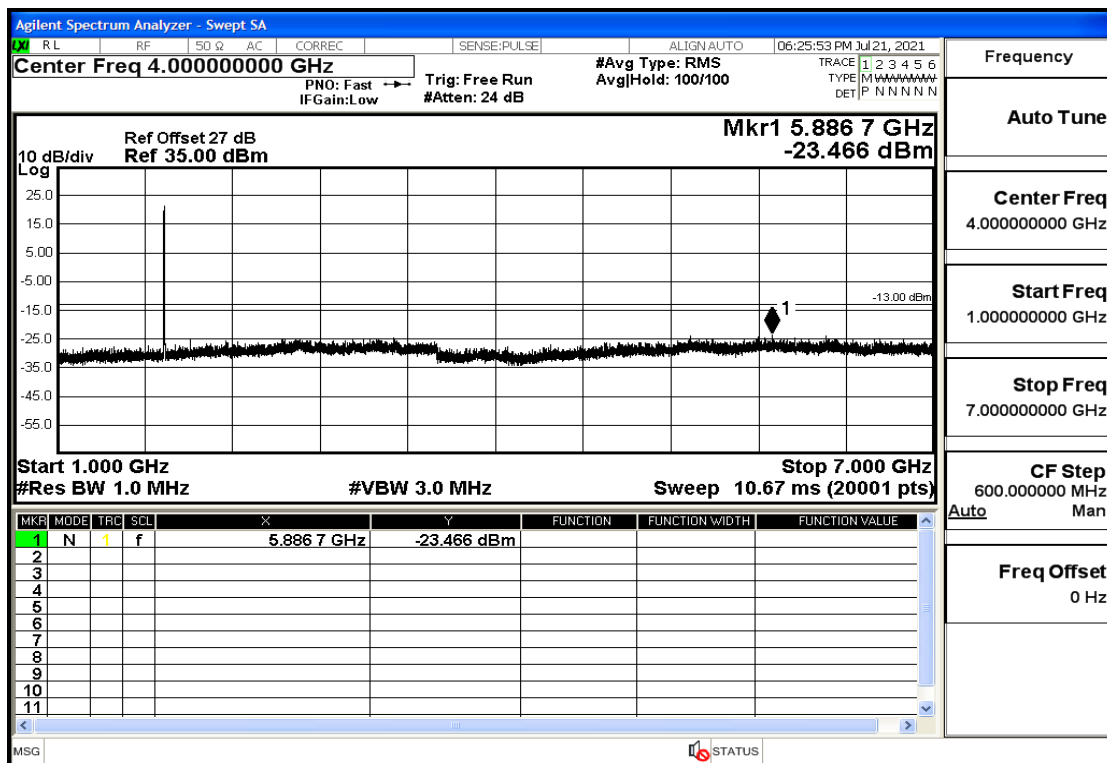
OB4-3-1711.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass



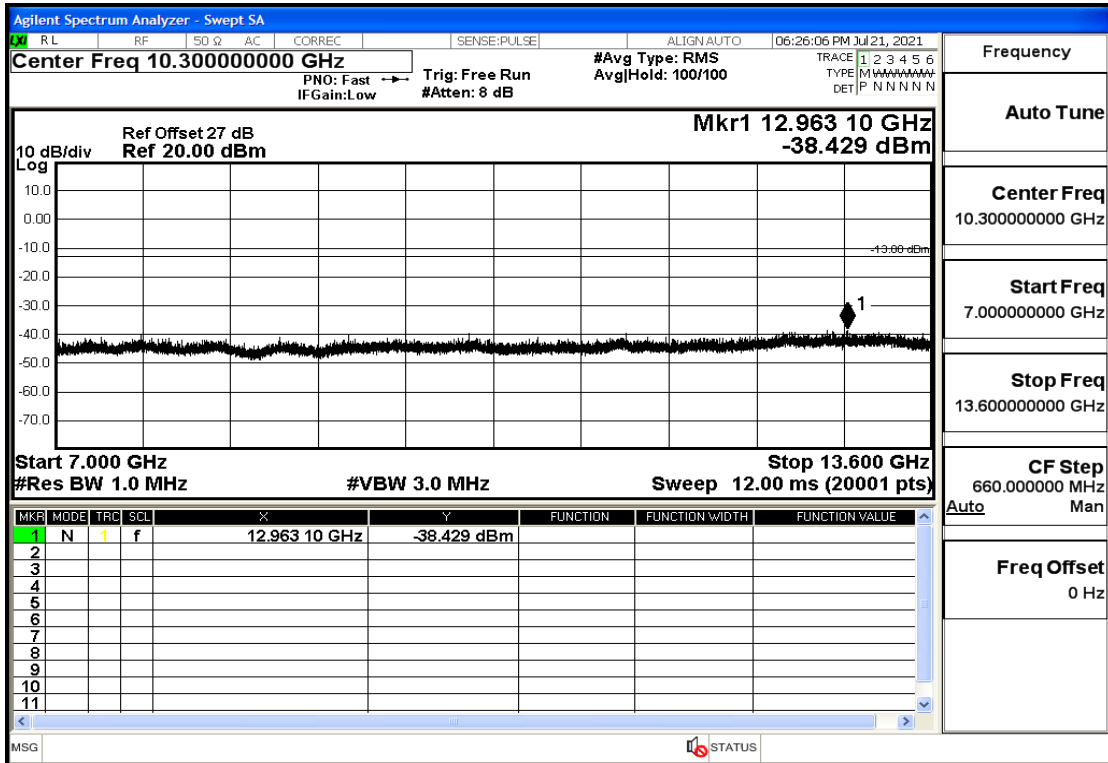
OB4-3-1732.5-QPSK-15#LOW@30mHz-1GHz@Pass



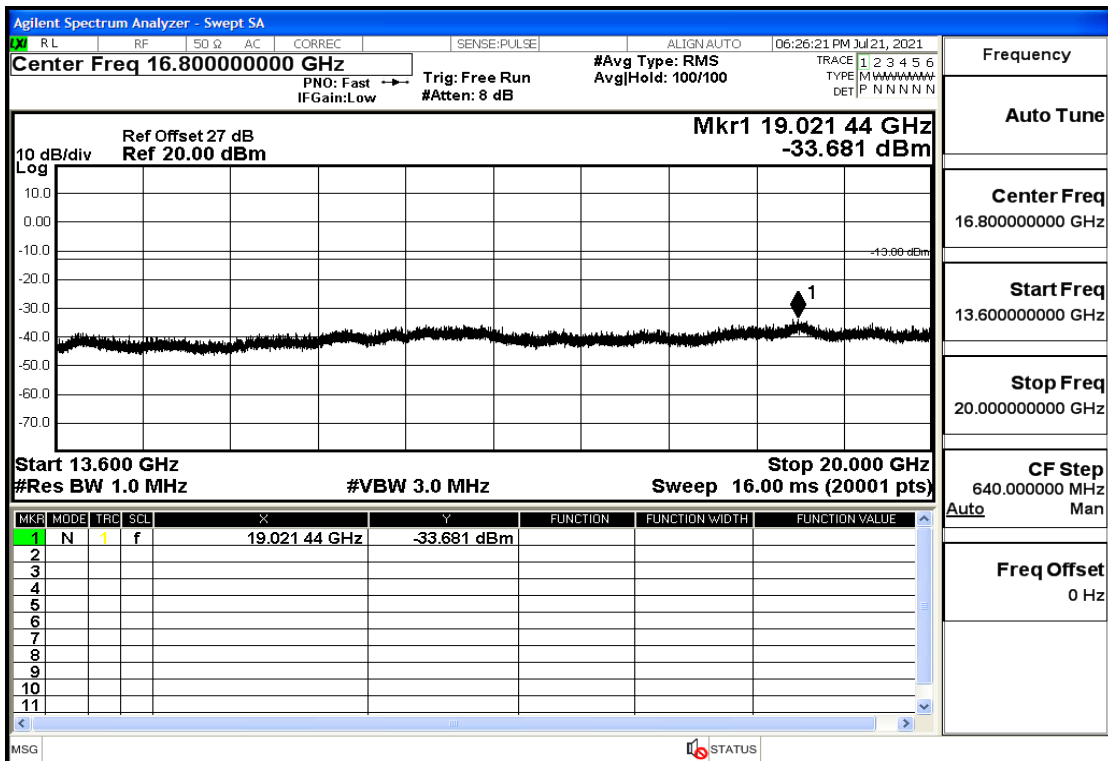
OB4-3-1732.5-QPSK-15#LOW@1GHz-7GHz@Pass



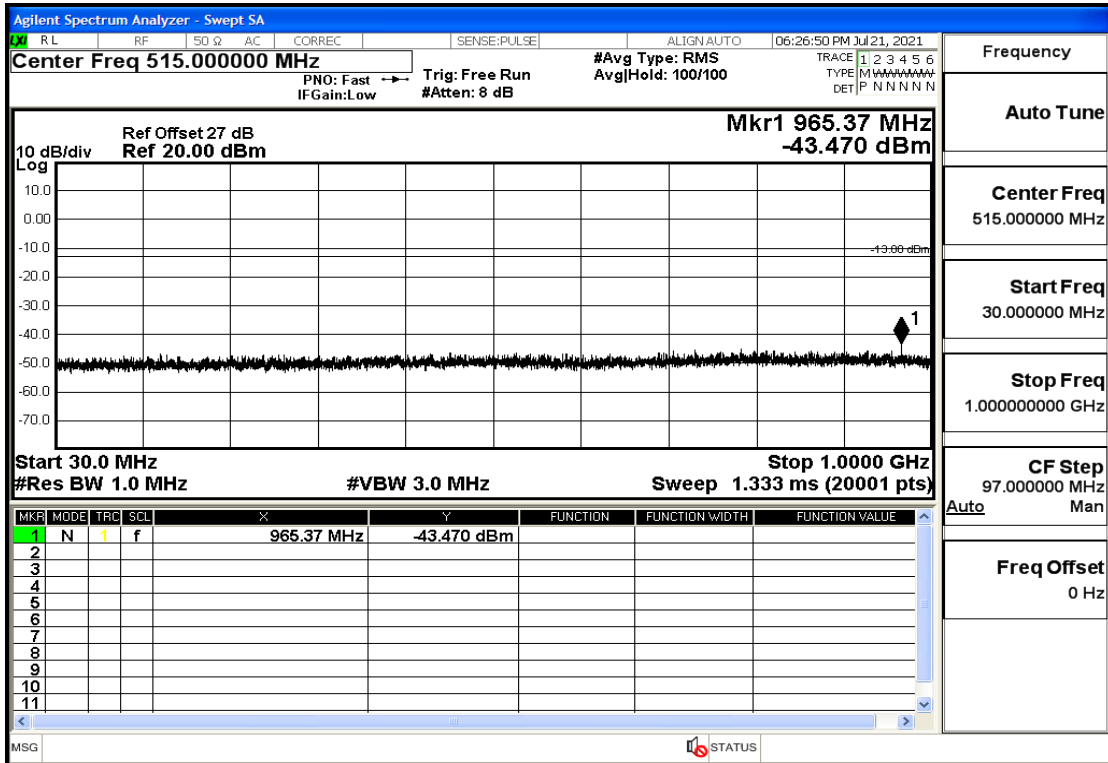
OB4-3-1732.5-QPSK-15#LOW@7GHz-13.6GHz@Pass



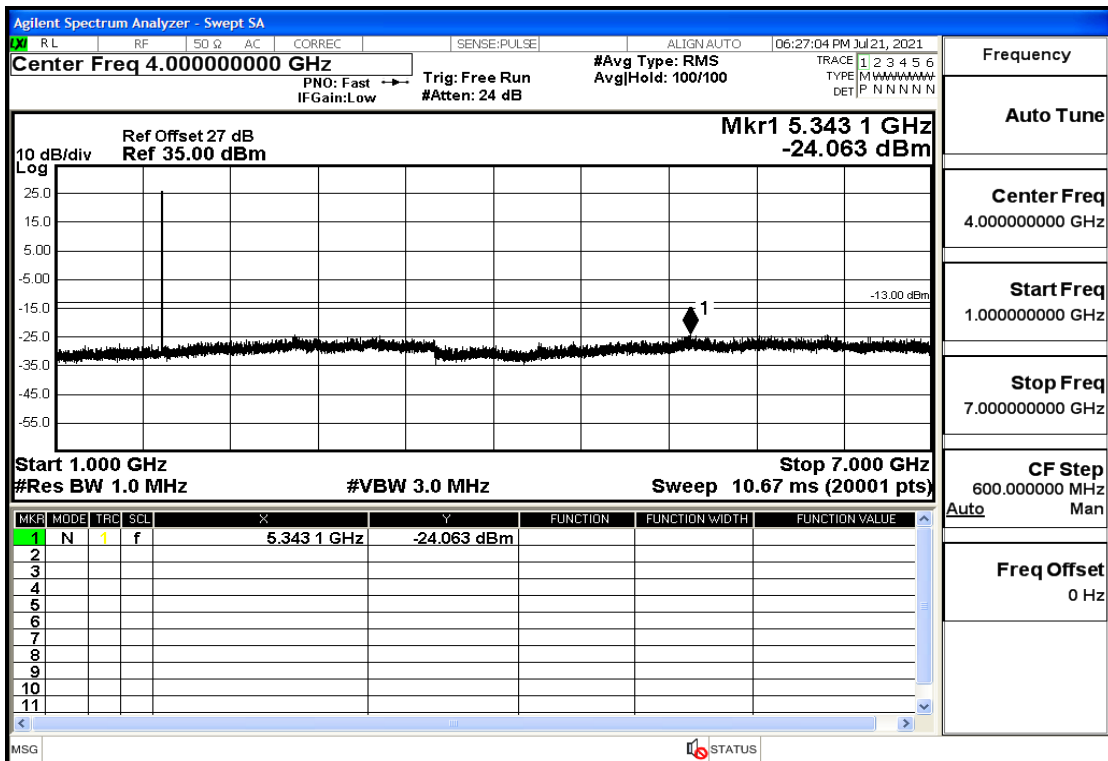
OB4-3-1732.5-QPSK-15#LOW@13.6GHz-20GHz@Pass



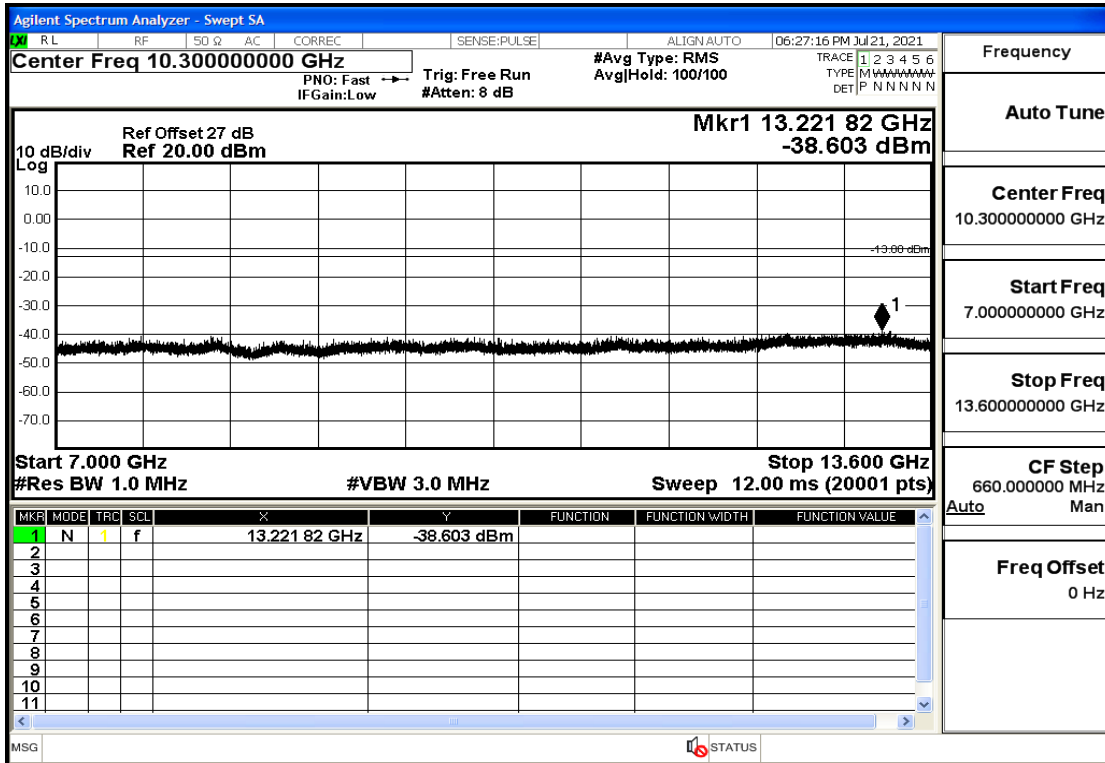
OB4-3-1732.5-QPSK-1#LOW@30mHz-1GHz@Pass



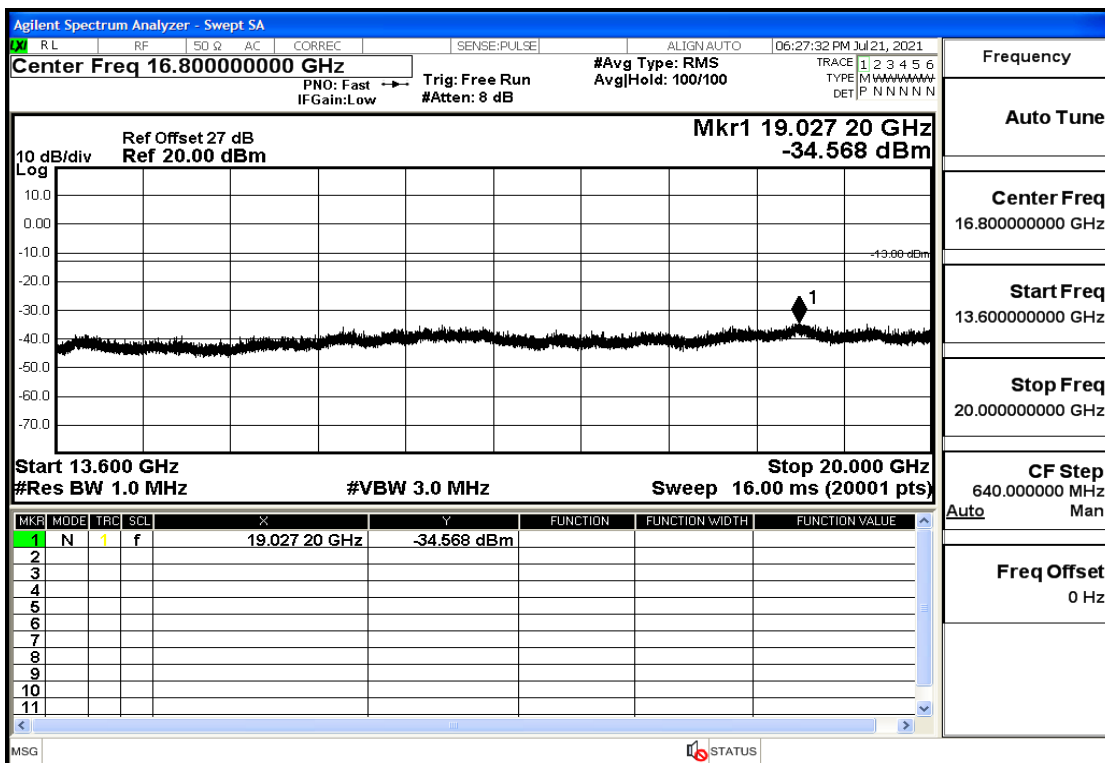
OB4-3-1732.5-QPSK-1#LOW@1GHz-7GHz@Pass



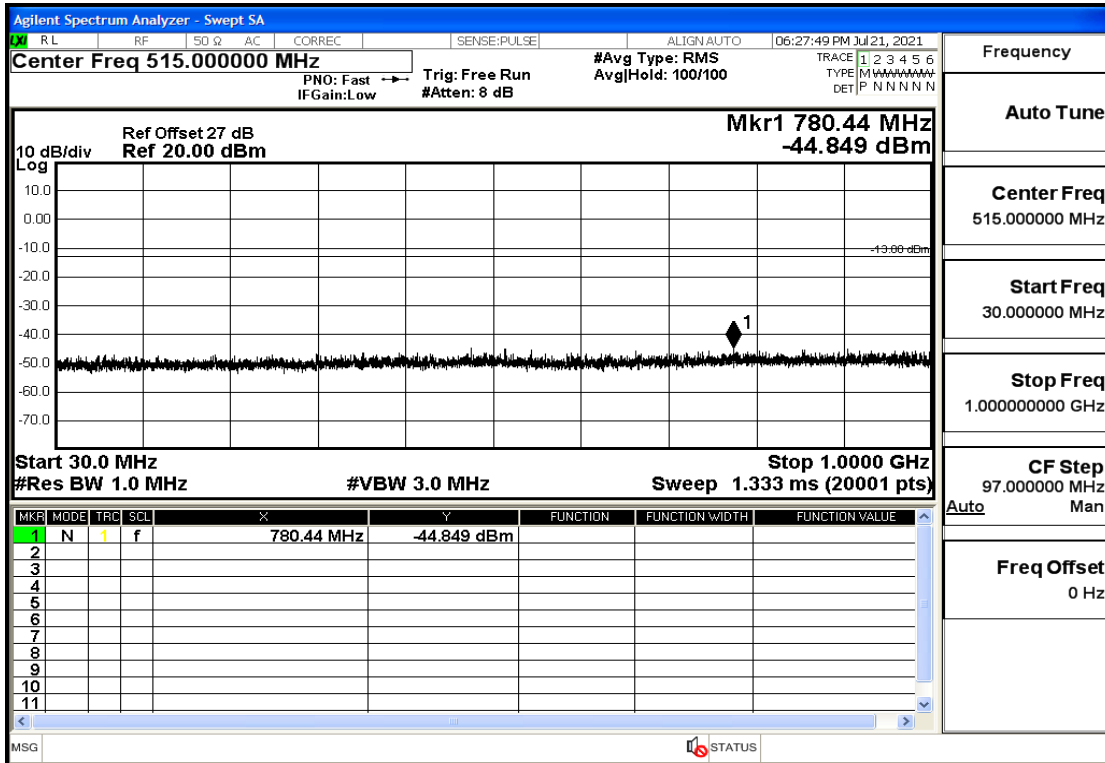
OB4-3-1732.5-QPSK-1#LOW@7GHz-13.6GHz@Pass



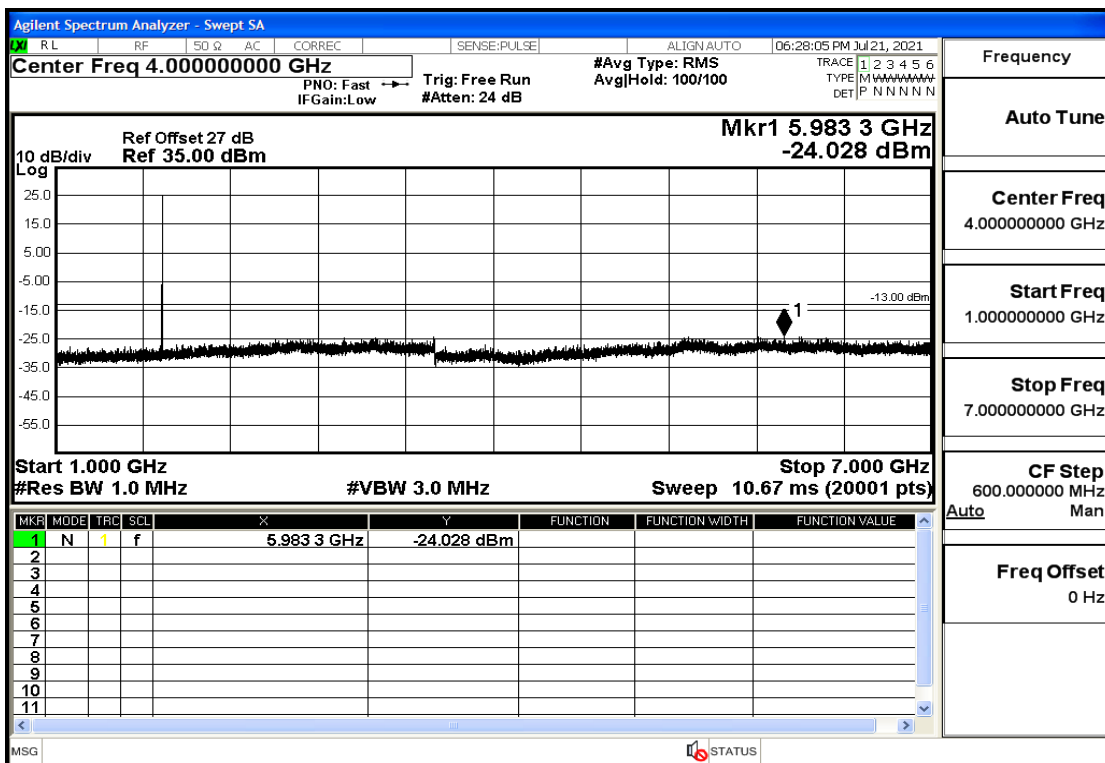
OB4-3-1732.5-QPSK-1#LOW@13.6GHz-20GHz@Pass



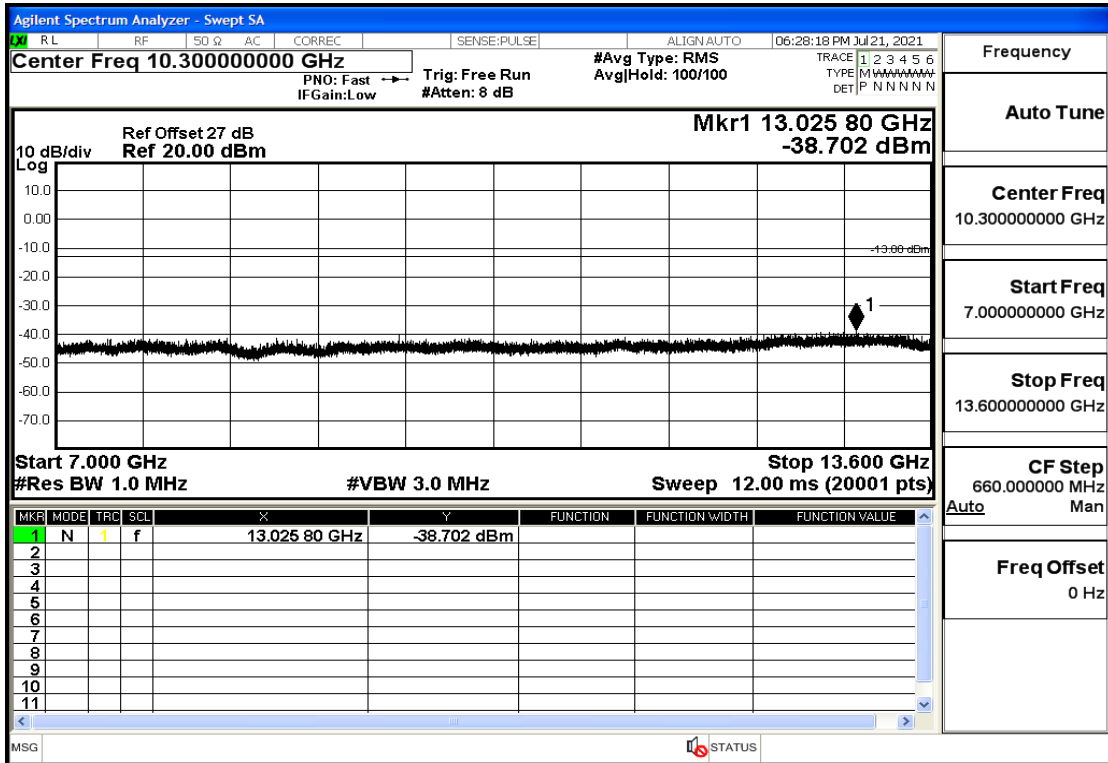
OB4-3-1732.5-QPSK-1#HIGH@30mHz-1GHz@Pass



OB4-3-1732.5-QPSK-1#HIGH@1GHz-7GHz@Pass



OB4-3-1732.5-QPSK-1#HIGH@7GHz-13.6GHz@Pass



OB4-3-1732.5-QPSK-1#HIGH@13.6GHz-20GHz@Pass

